

Supplementary Information

**Elucidation of the Transcription Unit Architecture of the
Escherichia coli K-12 MG1655 Genome**

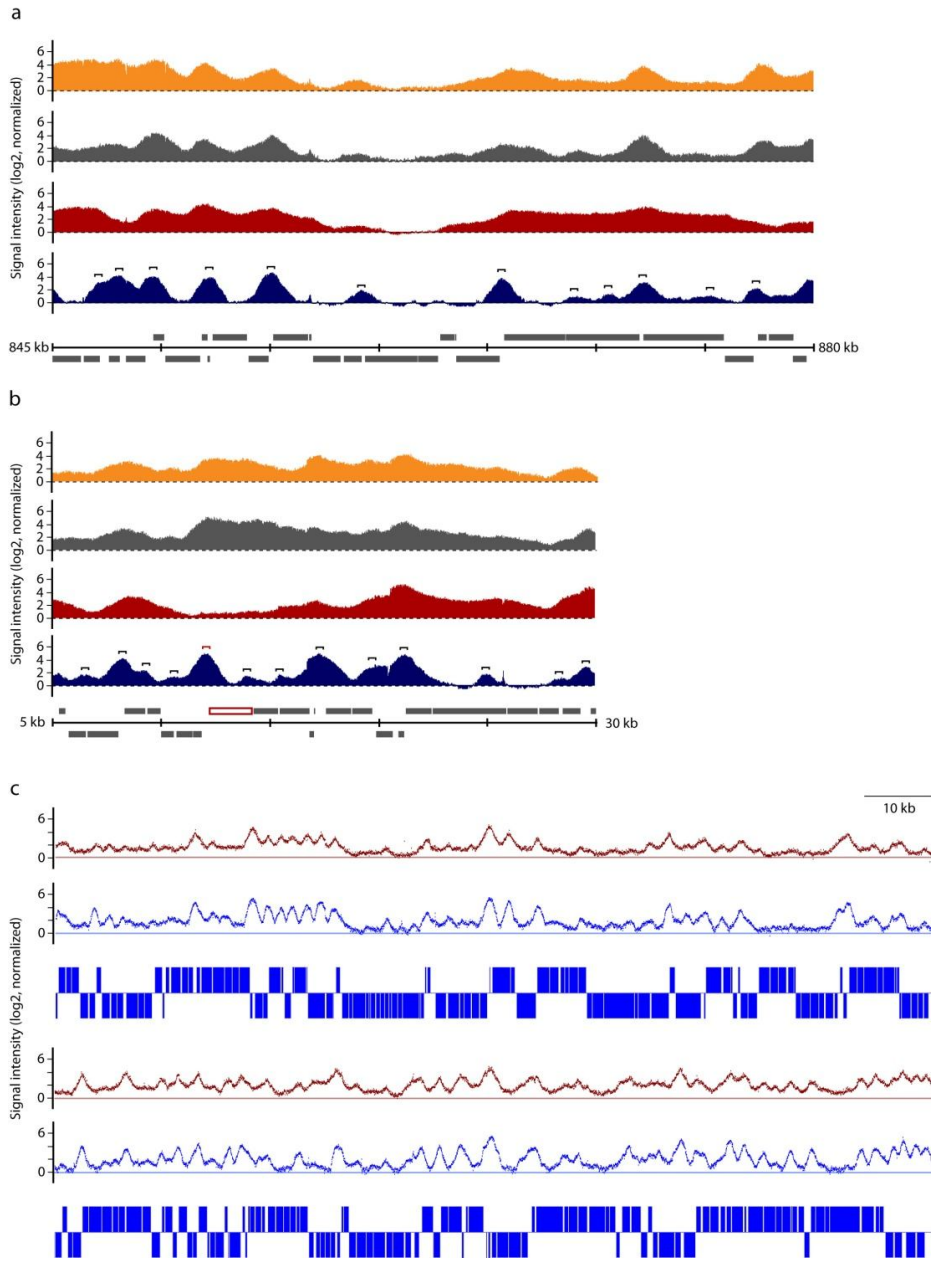
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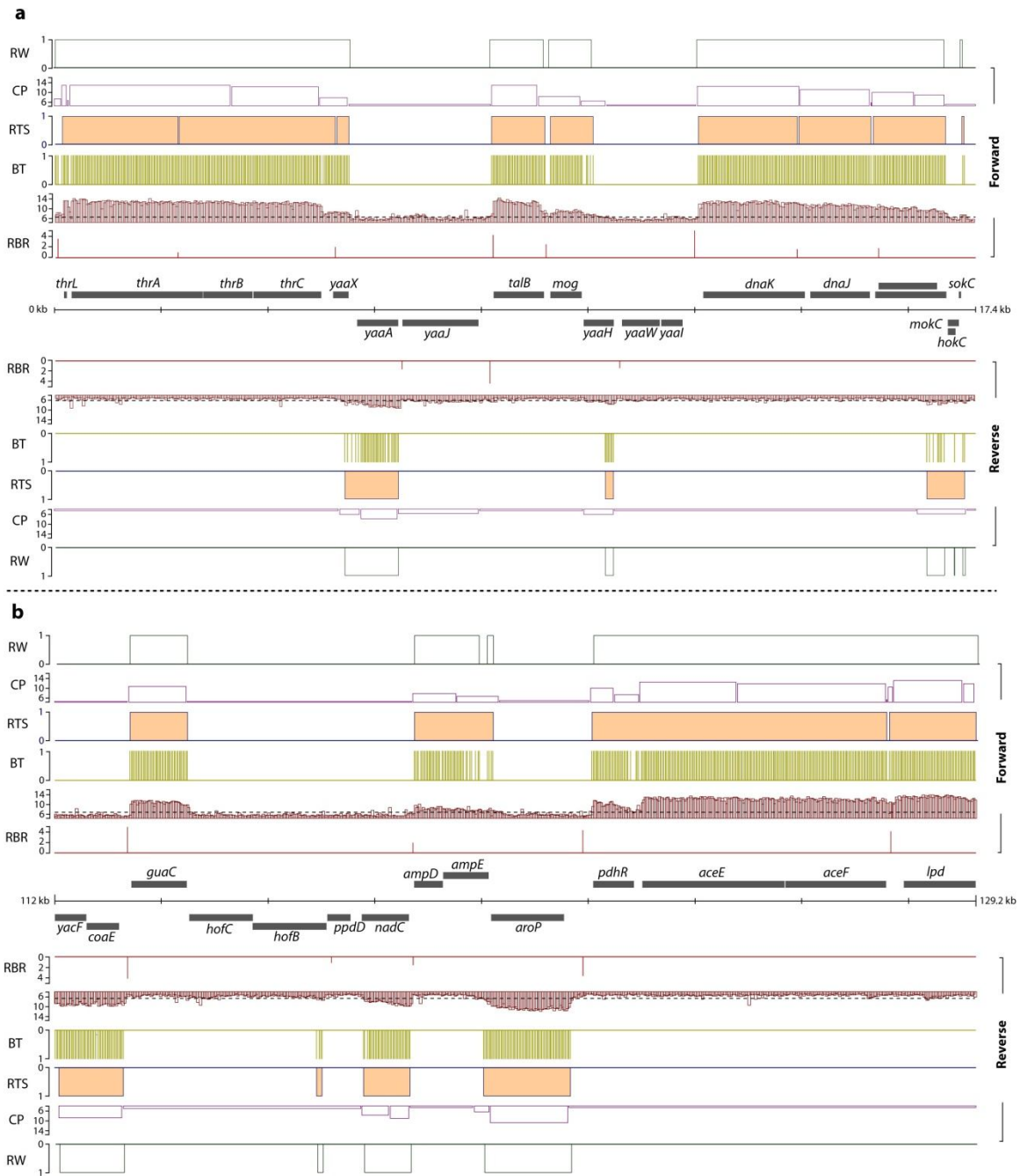
Science, Virginia Commonwealth University, Richmond, VA 23284, USA.

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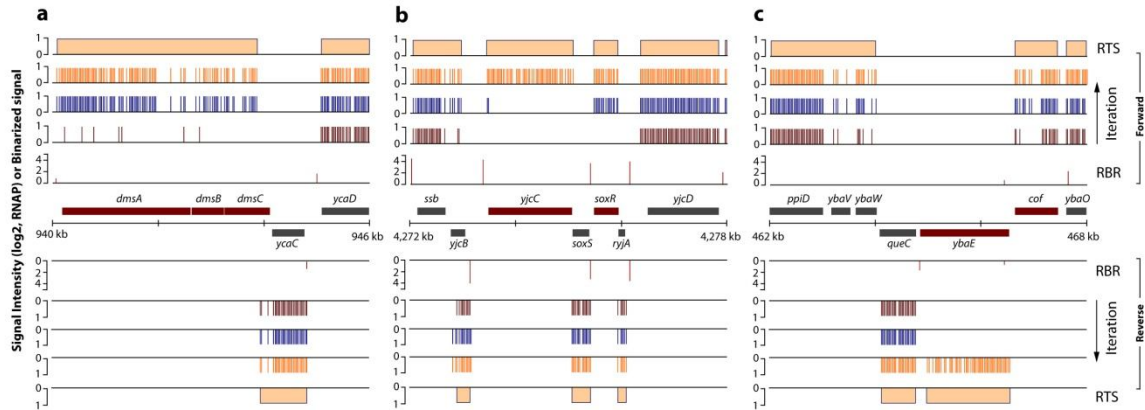


Supplementary Figure 1 | Static and dynamic map of RNA polymerase binding.

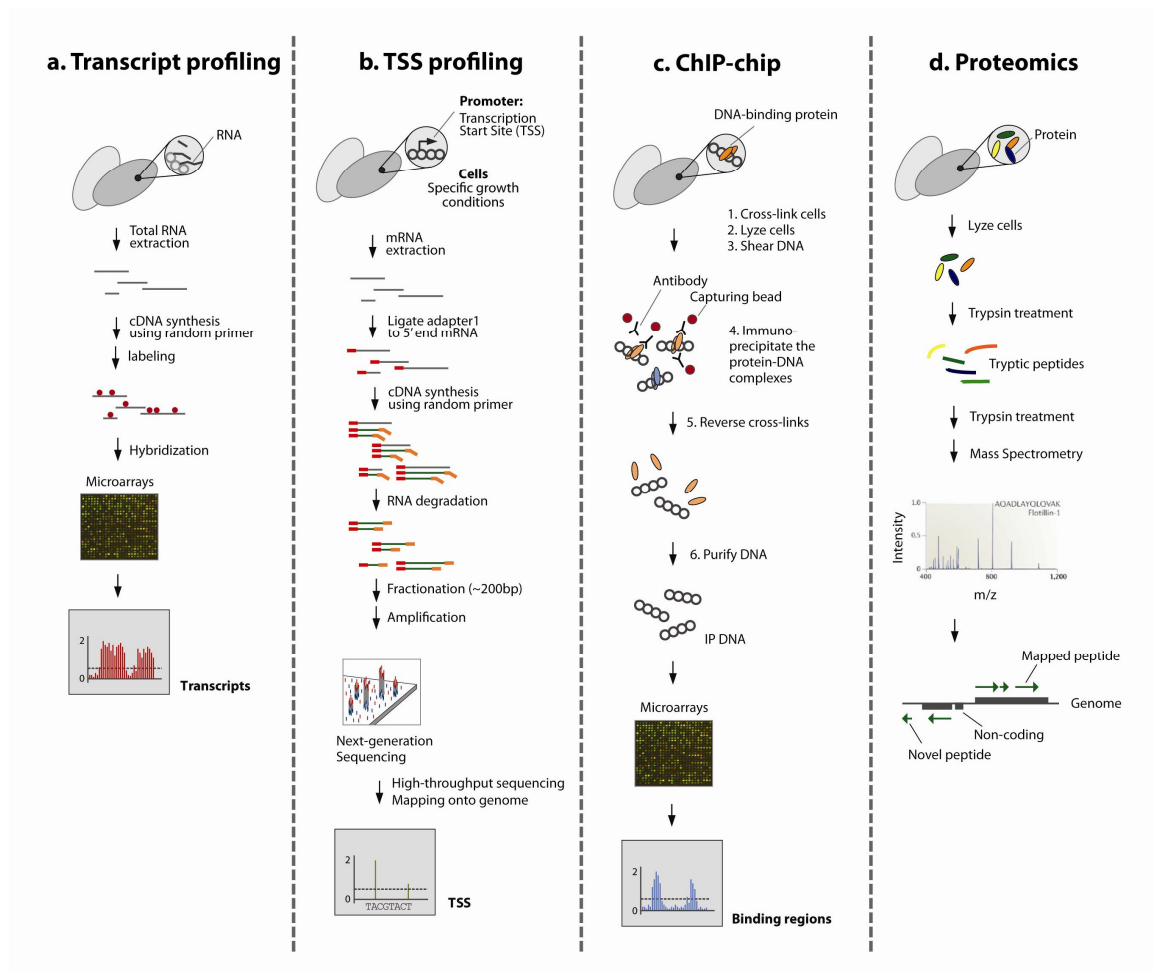
Determination of the binding locations of RNA polymerase was nearly condition dependent. Although we observed the differential binding levels of RNA polymerase under different conditions, the binding locations (i.e., promoter regions) were nearly identical. **(a, b)** Examples of RNA polymerase (RNAP) binding under different growth conditions (log phase, red; heat-shocked, grey; stationary phase, orange). Binding of RNAP was determined by the static map although regions of log phase cells or log phase and heat-shocked cells did not show RNAP binding under the dynamic map. Regions of differential binding are highlighted in red. **(c)** Static RNAP-binding maps of log phase (red) and leucine condition (blue). We observed differential RNAP-binding levels, however, the binding locations of RNAP was nearly identical.



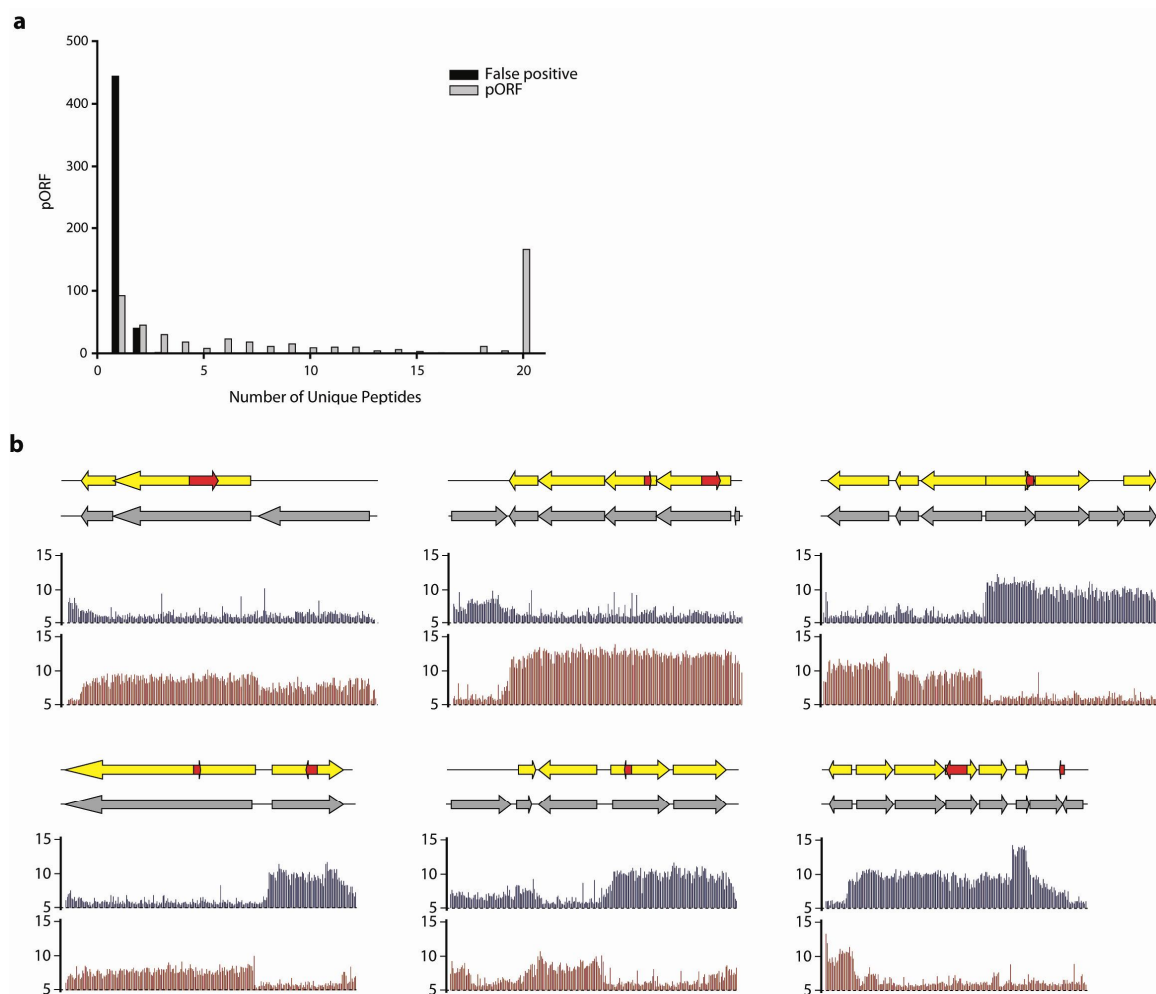
Supplementary Figure 2 | Comparison of RNAP-guided transcript segment (RTS) to change point algorithm and running-window approach. Integration of RNA polymerase binding regions (RBRs) with binary transcript calls (BT) lead to RTSs. RTS, based on integration of two experimental derived genome-wide data sets, yielded the best results when compared to change point algorithm (CP) and running window approach (RW). Two examples (**a**, **b**), representative for all data, demonstrate that determination of transcription fragments using CP resulted in too many fragments (too sensitive), whereas the RW yielded too few fragments (less sensitive).



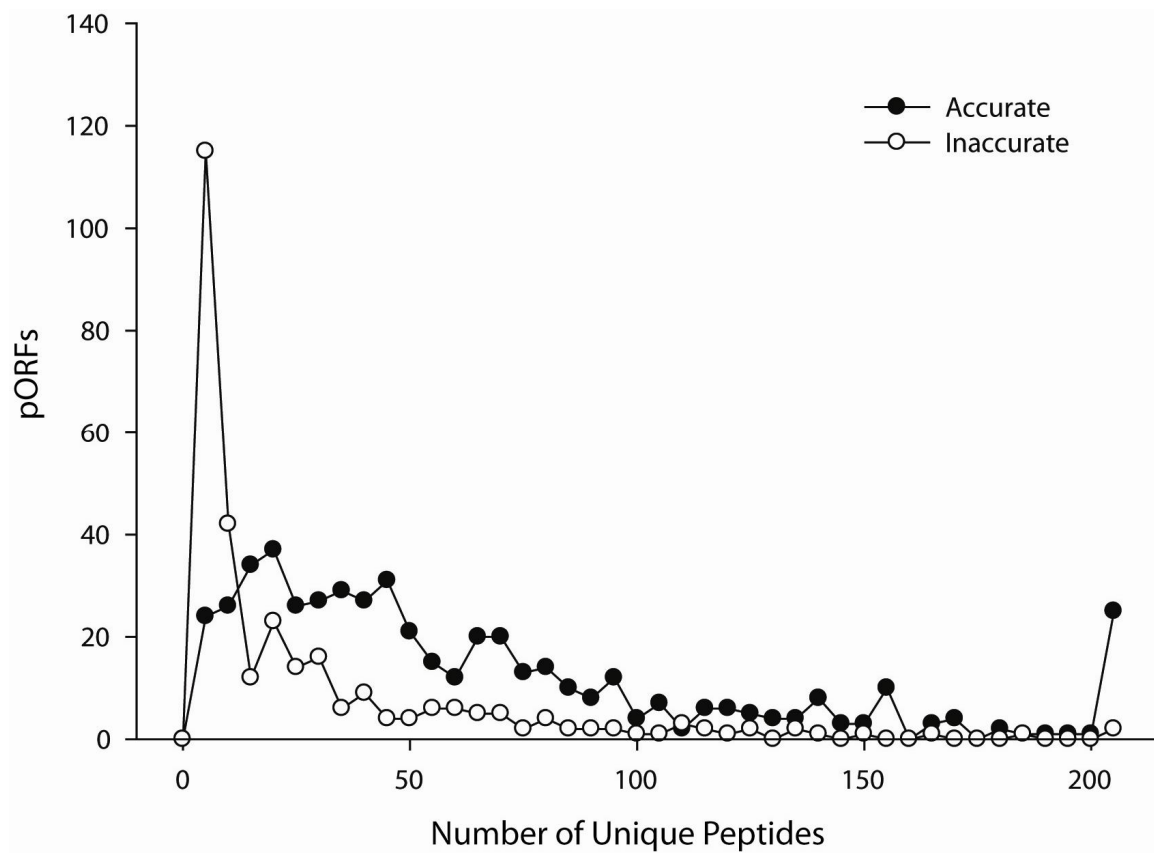
Supplementary Figure 3 | Increase of genomic coverage and accuracy by iterative integration. Iterative integration of transcripts, derived from various growth conditions, with RNA polymerase binding regions (RBRs) resulted in increased genomic coverage and accuracy (**a**, **b**, **c**), genes of interest are highlighted in red. Iteration of data from various growth conditions (log phase, red; heat-shocked, blue; stationary phase, orange) also allowed for determination of condition-specific transcripts, such as *yjcC* (**b**) and *ybaE* (**c**) from stationary growth phase, and *soxR* (**b**) from heat-shocked cells.



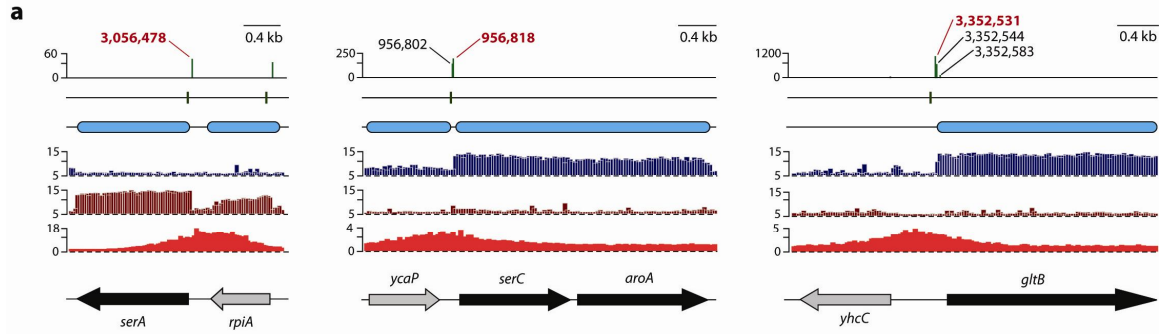
Supplementary Figure 5 | Flowcharts of the molecular biology tool box for the elucidation of the organizational components. Various genome-scale methods were deployed and developed to determine the meta-structure. Methods are depicted here include **(a)** transcription profiling, **(b)** transcription start site (TSS) profiling, **(c)** chromatin immunoprecipitation coupled to microarrays (CHIP-chip), and **(d)** proteomics.



Supplementary Figure 6 | Overlapping pORFs. (a) Frequency of peptide detection in the region where overlapped pORFs were found, (b) Examination of translation directionality of the overlapped pORFs based on the mRNA transcript profiles. The red arrows indicate false positives that were detected as pORFs.



Supplementary Figure 7 | Number of unique peptides from pORFs with accurate and inaccurate boundaries. Among 803 pORFs mapped to the validated ORFs (from EcoGene), a total of 507 pORFs showed accurate translation start/stop positions (filled circle). pORFs with non-matching translation start positions (296 pORFs) exhibited poor peptide coverage (open circle). Due to this coverage limitation, additional methods (e.g., proteomics with N-terminal modification) have to be applied to obtain a more comprehensive and accurate ORF map at a genome-scale.

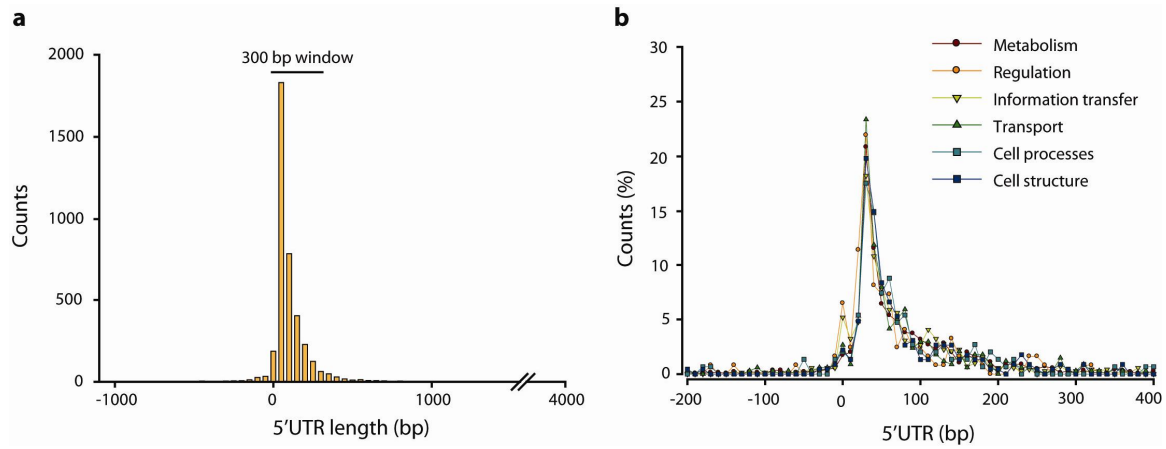


b

TU	Strand	Known TSS	Detection	Reads	Regulation	Lrp ChIP-chip
<i>ilvIH</i>	+	85,394		0		
<i>ilvIH</i>	+	85,420		0		
<i>ilvIH</i>	+	85,534		0		
<i>ilvIH</i>	+	85,597	85,597	10	+	2.167
<i>serC-aroA</i>	+		956,802	170		
<i>serC-aroA</i>	+	956,818	956,818	235	+	1.348
<i>dadAX</i>	+	1,236,732	1,236,732	4	-	2.628
<i>dadAX</i>	+	1,236,748	1,236,748	76	-	2.628
<i>dadAX</i>	+	1,236,761	1,236,761	11	-	2.628
<i>stpA</i>	-		2,796,550	230		
<i>stpA</i>	-	2,796,558	2,796,558	315	+	4.504
<i>stpA</i>	-	2,796,578	2,796,578	37		
<i>stpA</i>	-	2,796,600	2,796,600	6		
<i>gcvTHP</i>	-		3,048,789	62		
<i>gcvTHP</i>	-	3,048,794	3,048,794	283	+	3.495
<i>serA</i>	-	3,056,478	3,056,478	57	+	3.511
<i>serA</i>	-	3,056,571		0	-	3.511
<i>gltBDF</i>	+	3,352,531	3,352,531	1,100	+	1.838
<i>gltBDF</i>	+		3,352,544	700		
<i>gltBDF</i>	+		3,352,583	87		
<i>livKHMGF</i>	-		3,595,627	181		
<i>livKHMGF</i>	-		3,595,638	1,051		
<i>livKHMGF</i>	-	3,595,753	3,595,753	1,230		
<i>livKHMGF</i>	-	3,595,778	3,595,778	214	-	3.396
<i>ilvL</i>	+	3,948,241	3,948,241	5		
<i>ilvL</i>	+	3,948,313	3,948,313	1,007	+	1.710
<i>lysU</i>	-	4,352,820	4,352,820	160		
<i>lysU</i>	-	4,352,828		0	-	4.419
<i>fimAICDFGH</i>	+	4,540,717		0	+	3.376
<i>fimAICDFGH</i>	+		4,541,107	23		
<i>osmY</i>	+	4,609,176	4,609,176	215	-	2.797
<i>osmY</i>	+		4,609,257	1,213		
<i>osmY</i>	+		4,609,269	223		
<i>osmY</i>	+		4,609,356	708		
<i>osmY</i>	+		4,609,391	172		
<i>livJ</i>	-		3,597,715	103		
<i>livJ</i>	-	3,597,785	3,597,785	724	-	3.635

Supplementary Figure 8 | Use of alternative TSSs. (a) The *serA* gene, *serC-aroA* operon, and *gltBDF* operon have multiple experimentally verified TSSs. We detected the dominant TSS (3,056,478) for the *serA* promoter, which is highly activated by the transcription factor Lrp. Another experimentally confirmed TSS (3,056,571) is likely to be utilized less under this growth condition. The transcription factor Lrp also activates one experimentally verified TSS (956,818) of the *serC* promoter, which was detected as a

dominant TSS in this study. In addition, we found another TSS (956,802) at the *serC* promoter. The other previously confirmed TSS (3,352,531) at the *glbB* promoter was detected as a dominant TSS with Lrp-binding signal. **(b)** List of TSSs regulated by the transcription factor Lrp. We observed the alternative TSSs at the various promoter regions regulated by Lrp.



Supplementary Figure 9 | 5'UTR length of various functional categories. (a) Distribution of 5'UTR shows a median length maximum of ~36 bp, **(b)** comparison of 5'UTR length (in base pairs) showed no difference between different functional categories.

Supplementary Table 1: Genome-scale determination of RNA polymerase binding regions (RBRs). "Static" and "Dynamic" indicate RNA polymerase ChIP-chip experiments with rifampicin treatment and without treatment, respectively. Each value in column 3-7 indicates binding levels (\log_2 ratio) of RNA polymerase under log phase (log), heat-shocked (heat), stationary phase (stat), and glutamine (gln) growth conditions.

RBR ID	Genomic Position	Static	Dynamic			
			log	heat	stat	gln
RNAP_peak+_1	75	3.39	4.70	3.93	4.27	4.83
RNAP_peak+_2	2325	0.86	3.31	0.74	0.39	3.52
RNAP_peak+_3	5275	1.91	2.65	1.55	0.96	2.22
RNAP_peak+_4	8225	4.12	2.78	3.19	2.43	3.64
RNAP_peak+_5	9225	2.08	2.90	2.42	2.24	2.97
RNAP_peak+_6	12001	4.70	0.61	4.52	3.20	1.79
RNAP_peak+_7	13926	1.44	0.95	4.16	3.26	2.05
RNAP_peak+_8	15451	1.69	1.82	3.38	1.74	1.99
RNAP_peak+_9	16951	4.28	2.48	3.23	3.48	2.86
RNAP_peak+_10	17251	4.95	2.42	3.22	4.02	3.52
RNAP_peak+_11	19851	3.24	3.34	3.08	2.90	3.45
RNAP_peak+_12	21201	4.72	4.88	4.07	3.91	4.45
RNAP_peak+_13	21401	4.33	4.92	3.97	4.02	4.24
RNAP_peak+_14	24976	1.75	2.95	1.99	1.93	2.76
RNAP_peak+_15	25726	1.25	2.02	1.82	1.75	1.94
RNAP_peak+_16	28401	1.11	2.66	1.24	1.55	1.45
RNAP_peak+_17	29505	2.72	4.57	2.98	1.75	2.07
RNAP_peak+_18	34005	1.74	3.40	1.19	1.31	2.28
RNAP_peak+_19	42259	0.65	0.41	1.02	1.42	1.41
RNAP_peak+_20	47259	0.84	-0.25	0.92	0.88	1.05
RNAP_peak+_21	49809	1.77	1.77	1.57	1.66	1.68
RNAP_peak+_22	57209	2.96	2.70	2.72	2.78	2.76
RNAP_peak+_23	58834	3.21	2.21	2.83	2.42	2.34
RNAP_peak+_24	70284	1.00	0.20	2.35	1.21	0.96
RNAP_peak+_25	71259	1.92	1.26	2.80	1.51	1.82
RNAP_peak+_26	77434	2.47	1.04	1.48	1.32	1.26
RNAP_peak+_27	84109	3.72	3.96	2.56	4.20	4.36
RNAP_peak+_28	85609	1.30	2.49	1.80	2.42	2.20
RNAP_peak+_29	87759	1.52	3.09	1.71	2.24	2.96
RNAP_peak+_30	89509	2.99	3.21	2.98	2.92	3.43
RNAP_peak+_31	89934	2.10	3.44	3.48	2.94	3.35
RNAP_peak+_32	90334	0.75	3.30	3.73	3.00	3.23
RNAP_peak+_33	90709	0.27	2.87	2.98	2.85	2.79
RNAP_peak+_34	93134	0.17	2.88	0.91	1.89	2.87
RNAP_peak+_35	100759	0.64	2.66	1.62	1.48	2.56
RNAP_peak+_36	102784	0.97	3.03	2.20	1.46	2.98
RNAP_peak+_37	104609	1.59	3.31	2.57	2.15	3.02
RNAP_peak+_38	106484	4.30	4.73	4.31	4.02	4.27
RNAP_peak+_39	107784	2.96	4.37	3.64	3.56	3.53
RNAP_peak+_40	107959	2.83	4.34	3.45	3.56	3.46
RNAP_peak+_41	113359	4.65	3.92	4.53	4.06	4.18
RNAP_peak+_42	118709	1.80	1.10	1.38	1.40	1.65
RNAP_peak+_43	121888	3.87	3.14	2.92	2.88	3.25
RNAP_peak+_44	122688	1.40	3.49	1.88	2.53	3.16
RNAP_peak+_45	127663	3.87	3.58	1.49	1.80	2.83
RNAP_peak+_46	131521	4.57	4.06	1.71	2.12	3.08
RNAP_peak+_47	134321	2.45	3.17	1.12	2.39	2.44
RNAP_peak+_48	136921	3.68	3.56	2.36	2.81	2.79
RNAP_peak+_49	141371	4.16	2.85	2.12	2.31	2.96
RNAP_peak+_50	142596	2.35	3.31	2.70	2.34	3.08
RNAP_peak+_51	145096	2.10	1.49	2.05	1.49	2.37
RNAP_peak+_52	147050	2.15	2.02	1.94	1.74	2.04
RNAP_peak+_53	147525	2.55	2.01	1.54	1.54	1.83
RNAP_peak+_54	161901	2.48	1.47	1.55	1.39	1.42
RNAP_peak+_55	164476	1.67	1.70	1.68	1.07	1.80
RNAP_peak+_56	167226	1.51	1.37	1.14	1.12	3.48
RNAP_peak+_57	169201	2.43	1.02	1.02	0.81	3.12

RNAP_peak+_58	174801	4.00	2.11	3.18	3.13	3.31
RNAP_peak+_59	176576	2.96	2.66	2.22	2.18	2.83
RNAP_peak+_60	179251	3.45	1.52	1.52	1.47	1.58
RNAP_peak+_61	180682	2.68	1.02	2.07	1.87	1.68
RNAP_peak+_62	186032	0.87	3.30	1.64	2.10	2.57
RNAP_peak+_63	189607	4.81	3.85	2.97	3.11	3.24
RNAP_peak+_64	189807	4.54	4.05	2.94	2.59	3.02
RNAP_peak+_65	191757	1.64	3.01	2.07	1.68	2.14
RNAP_peak+_66	192732	3.37	3.34	3.03	3.11	3.15
RNAP_peak+_67	194832	1.42	3.07	2.22	1.87	2.47
RNAP_peak+_68	196557	1.46	3.66	2.53	2.00	3.12
RNAP_peak+_69	197907	0.10	3.42	2.79	2.31	3.13
RNAP_peak+_70	200257	1.84	3.39	2.72	2.91	3.30
RNAP_peak+_71	201782	3.77	3.77	3.29	3.36	3.66
RNAP_peak+_72	208407	2.39	3.20	2.60	2.33	2.88
RNAP_peak+_73	209632	1.89	2.55	2.12	2.11	1.69
RNAP_peak+_74	211757	1.32	0.57	0.68	1.43	0.94
RNAP_peak+_75	214282	3.44	1.95	2.51	2.30	2.29
RNAP_peak+_76	214957	2.64	1.41	1.94	1.29	1.59
RNAP_peak+_77	222932	3.63	4.48	3.88	3.08	3.01
RNAP_peak+_78	223707	4.24	5.33	4.73	4.49	4.37
RNAP_peak+_79	225032	3.71	5.51	3.95	2.56	4.26
RNAP_peak+_80	228962	2.92	5.57	4.05	2.98	4.46
RNAP_peak+_81	230987	3.56	1.47	3.49	2.80	2.12
RNAP_peak+_82	234788	2.29	1.85	2.37	1.98	2.01
RNAP_peak+_83	235938	3.07	2.73	2.22	1.90	2.14
RNAP_peak+_84	236738	3.85	5.12	4.28	3.43	3.72
RNAP_peak+_85	238013	2.21	2.95	1.68	1.70	1.40
RNAP_peak+_86	239188	2.46	0.54	1.79	1.53	1.52
RNAP_peak+_87	240213	2.37	0.70	1.83	1.52	1.34
RNAP_peak+_88	243463	4.23	1.96	1.67	1.96	2.07
RNAP_peak+_89	246513	4.65	2.79	2.80	3.16	2.91
RNAP_peak+_90	248138	1.17	0.91	1.75	0.89	1.56
RNAP_peak+_91	250838	1.82	0.50	0.96	1.00	1.13
RNAP_peak+_92	251863	1.84	0.74	1.18	1.41	0.84
RNAP_peak+_93	252563	2.54	0.78	1.46	1.66	1.27
RNAP_peak+_94	253363	1.90	1.49	1.65	1.39	1.45
RNAP_peak+_95	255963	3.56	3.09	2.72	2.65	3.01
RNAP_peak+_96	256438	2.88	3.05	2.14	2.11	2.06
RNAP_peak+_97	257788	2.53	3.02	2.37	2.64	2.77
RNAP_peak+_98	259464	3.17	2.23	2.92	2.74	2.66
RNAP_peak+_99	261989	3.68	4.64	4.55	3.21	4.02
RNAP_peak+_100	268314	3.29	1.40	2.20	1.90	2.18
RNAP_peak+_101	269464	2.08	1.13	2.14	1.77	1.58
RNAP_peak+_102	270839	2.40	1.78	2.35	2.02	2.49
RNAP_peak+_103	274239	2.89	2.38	1.89	2.54	1.66
RNAP_peak+_104	278489	3.04	3.44	3.37	3.04	3.08
RNAP_peak+_105	289615	2.68	2.86	3.68	1.71	2.25
RNAP_peak+_106	290040	2.88	3.13	3.02	2.85	3.01
RNAP_peak+_107	290640	2.74	2.12	2.21	2.14	2.50
RNAP_peak+_108	294840	3.69	2.77	3.70	3.07	3.41
RNAP_peak+_109	296390	2.89	1.64	3.48	1.52	1.95
RNAP_peak+_110	302015	3.18	1.38	2.31	3.27	1.74
RNAP_peak+_111	311193	1.67	0.55	0.91	3.89	3.35
RNAP_peak+_112	312018	2.75	0.48	1.72	4.06	4.23
RNAP_peak+_113	314543	0.87	0.74	0.85	0.84	1.24
RNAP_peak+_114	318868	2.98	0.04	1.04	1.27	0.41
RNAP_peak+_115	320793	0.84	0.15	0.93	1.20	0.72
RNAP_peak+_116	328718	0.93	1.41	0.69	0.70	1.01
RNAP_peak+_117	330368	2.17	1.10	1.02	1.63	1.26
RNAP_peak+_118	331118	2.41	1.24	1.92	1.96	2.08
RNAP_peak+_119	334318	1.47	-0.14	0.42	0.87	0.78
RNAP_peak+_120	339143	1.18	1.68	1.85	1.57	1.85

RNAP_peak+_121	340293	0.54	-0.11	0.68	0.45	0.30
RNAP_peak+_122	341993	1.00	0.28	1.33	0.87	1.08
RNAP_peak+_123	343068	2.47	0.56	1.50	1.78	1.10
RNAP_peak+_124	344418	3.73	2.47	3.69	2.73	2.74
RNAP_peak+_125	345593	1.43	0.90	2.05	2.12	1.39
RNAP_peak+_126	347743	0.61	0.17	0.44	2.32	1.66
RNAP_peak+_127	353893	1.08	2.37	1.63	1.21	1.17
RNAP_peak+_128	367702	3.06	0.39	0.61	0.57	0.63
RNAP_peak+_129	374277	1.17	1.59	1.66	1.68	1.44
RNAP_peak+_130	375952	1.65	0.84	1.13	1.26	0.97
RNAP_peak+_131	380506	2.08	0.95	1.67	1.51	1.47
RNAP_peak+_132	382056	1.81	0.38	1.82	1.38	1.64
RNAP_peak+_133	383981	2.56	0.21	1.30	1.25	0.92
RNAP_peak+_134	388961	3.89	1.16	1.41	1.62	2.13
RNAP_peak+_135	390936	3.26	1.73	2.23	1.44	2.01
RNAP_peak+_136	392386	1.84	1.27	1.61	1.50	1.83
RNAP_peak+_137	395561	2.07	1.75	2.35	2.05	2.36
RNAP_peak+_138	396900	2.02	1.19	1.53	1.83	1.26
RNAP_peak+_139	398629	2.82	2.21	1.88	1.59	2.21
RNAP_peak+_140	400304	3.93	1.84	2.05	3.27	2.32
RNAP_peak+_141	400829	3.16	1.67	2.01	3.79	2.32
RNAP_peak+_142	402854	0.81	1.06	2.01	1.80	1.41
RNAP_peak+_143	404930	2.48	3.56	2.06	2.88	2.62
RNAP_peak+_144	405630	3.50	4.21	2.54	3.15	3.41
RNAP_peak+_145	406180	3.37	4.13	2.89	2.79	3.29
RNAP_peak+_146	406605	2.57	3.76	2.75	2.67	2.93
RNAP_peak+_147	407330	1.97	2.91	2.79	2.61	2.21
RNAP_peak+_148	407855	2.48	2.55	2.70	2.74	2.43
RNAP_peak+_149	409305	1.85	1.30	1.52	1.25	0.90
RNAP_peak+_150	416131	1.41	0.91	2.36	1.19	0.76
RNAP_peak+_151	418756	3.91	1.79	2.96	2.37	2.36
RNAP_peak+_152	420006	1.94	1.64	2.23	2.08	1.97
RNAP_peak+_153	421656	0.93	1.05	1.05	0.96	1.18
RNAP_peak+_154	424156	2.27	2.18	2.10	1.87	2.04
RNAP_peak+_155	426056	1.91	2.97	2.47	1.94	2.20
RNAP_peak+_156	426406	1.66	3.08	2.89	2.51	3.34
RNAP_peak+_157	426831	1.52	3.40	3.07	2.78	2.98
RNAP_peak+_158	429909	1.15	2.91	2.41	1.97	2.65
RNAP_peak+_159	432037	3.80	2.14	2.09	1.86	2.09
RNAP_peak+_160	433712	3.79	3.01	3.18	2.25	2.55
RNAP_peak+_161	435712	1.95	2.62	2.64	2.20	2.66
RNAP_peak+_162	437562	3.27	3.31	3.18	3.29	3.11
RNAP_peak+_163	440662	3.66	2.86	2.42	1.84	2.61
RNAP_peak+_164	443587	2.81	1.83	2.38	2.29	2.13
RNAP_peak+_165	453737	4.10	3.47	3.20	3.08	3.47
RNAP_peak+_166	454162	3.21	3.71	2.96	2.98	3.43
RNAP_peak+_167	455762	4.25	3.53	4.41	3.56	3.30
RNAP_peak+_168	458055	3.85	2.66	4.78	3.38	3.04
RNAP_peak+_169	459205	1.44	2.18	4.14	2.99	2.06
RNAP_peak+_170	460655	3.21	3.06	3.69	2.75	3.43
RNAP_peak+_171	460905	3.57	3.35	3.69	3.36	3.72
RNAP_peak+_172	466430	0.73	0.65	0.90	1.27	0.87
RNAP_peak+_173	467630	2.07	1.21	1.34	1.56	1.84
RNAP_peak+_174	469880	1.47	1.02	0.83	0.78	0.74
RNAP_peak+_175	471680	-0.12	1.30	0.74	4.38	2.13
RNAP_peak+_176	472130	0.29	1.29	0.38	5.13	2.73
RNAP_peak+_177	474405	3.54	1.61	2.02	2.81	2.01
RNAP_peak+_178	475580	3.77	3.86	3.22	2.93	3.33
RNAP_peak+_179	475830	3.22	3.70	3.09	2.63	3.13
RNAP_peak+_180	475905	2.81	3.70	3.24	2.48	3.30
RNAP_peak+_181	484858	2.88	2.69	2.89	2.85	2.80
RNAP_peak+_182	485608	4.53	2.67	3.04	2.66	3.30
RNAP_peak+_183	490108	2.43	2.74	2.31	1.84	2.78

RNAP_peak+_184	490508	2.74	3.64	2.67	1.91	2.91
RNAP_peak+_185	491233	3.21	3.54	2.78	2.02	2.71
RNAP_peak+_186	493058	1.08	2.61	1.66	2.06	2.10
RNAP_peak+_187	494183	2.87	2.39	4.78	1.96	2.13
RNAP_peak+_188	496333	1.82	2.74	4.10	2.10	2.20
RNAP_peak+_189	497058	1.45	2.71	2.76	1.75	2.27
RNAP_peak+_190	499133	2.29	1.07	1.04	1.08	0.86
RNAP_peak+_191	504012	1.24	0.54	1.80	1.21	0.98
RNAP_peak+_192	506464	3.63	2.58	2.48	2.71	2.74
RNAP_peak+_193	507389	2.38	2.65	2.76	2.57	3.04
RNAP_peak+_194	510789	3.37	1.46	0.75	2.49	2.15
RNAP_peak+_195	513114	2.31	1.27	1.72	2.10	2.03
RNAP_peak+_196	515114	3.05	0.70	1.84	1.88	1.66
RNAP_peak+_197	518364	1.94	1.47	2.66	2.06	2.19
RNAP_peak+_198	522014	2.29	0.36	1.16	1.33	1.29
RNAP_peak+_199	526414	3.03	1.68	2.27	2.89	2.41
RNAP_peak+_200	527664	3.99	1.66	2.65	2.94	2.56
RNAP_peak+_201	528164	4.22	2.13	3.60	3.35	3.26
RNAP_peak+_202	532214	1.71	1.31	2.06	1.70	1.59
RNAP_peak+_203	532689	1.47	1.30	2.35	2.38	2.02
RNAP_peak+_204	533014	0.88	0.94	2.34	2.35	1.78
RNAP_peak+_205	535539	1.37	-0.41	0.88	0.82	0.53
RNAP_peak+_206	536889	0.81	-0.23	0.52	1.06	0.61
RNAP_peak+_207	545364	0.98	-0.05	0.27	0.64	0.04
RNAP_peak+_208	553839	4.21	2.88	2.74	2.38	2.83
RNAP_peak+_209	557289	2.20	1.30	1.17	1.45	1.46
RNAP_peak+_210	563764	3.79	3.57	3.10	2.40	2.86
RNAP_peak+_211	565489	1.41	1.03	1.24	1.46	1.48
RNAP_peak+_212	566039	0.89	0.96	1.08	1.11	1.34
RNAP_peak+_213	567339	4.09	1.49	2.15	1.83	2.07
RNAP_peak+_214	568715	2.28	0.50	1.18	1.81	1.35
RNAP_peak+_215	570441	3.93	0.87	2.48	2.65	2.02
RNAP_peak+_216	571166	3.47	1.45	3.36	3.13	2.53
RNAP_peak+_217	573591	1.69	2.68	1.93	1.71	1.79
RNAP_peak+_218	576291	4.22	3.25	3.63	3.40	3.61
RNAP_peak+_219	576599	3.72	3.23	3.44	3.24	3.23
RNAP_peak+_220	578803	3.44	1.62	3.03	2.50	1.99
RNAP_peak+_221	581140	2.18	0.34	1.90	1.91	1.37
RNAP_peak+_222	582690	3.80	1.78	3.17	3.96	2.85
RNAP_peak+_223	585165	2.99	2.81	3.41	2.64	2.56
RNAP_peak+_224	594745	1.51	1.12	1.81	0.85	1.01
RNAP_peak+_225	596070	2.20	0.71	1.33	1.30	0.89
RNAP_peak+_226	601120	0.87	1.30	1.57	0.50	0.75
RNAP_peak+_227	606945	3.21	1.66	2.26	2.84	2.67
RNAP_peak+_228	607095	2.94	1.84	2.32	2.58	2.55
RNAP_peak+_229	617521	0.83	-0.19	0.78	0.65	0.78
RNAP_peak+_230	621471	2.08	0.41	0.92	0.74	3.18
RNAP_peak+_231	623821	1.67	0.95	1.17	1.04	1.97
RNAP_peak+_232	629021	0.82	1.43	1.42	0.50	1.86
RNAP_peak+_233	632746	2.25	1.09	3.95	0.79	0.94
RNAP_peak+_234	637846	2.69	1.86	2.63	2.33	2.49
RNAP_peak+_235	641224	3.89	1.45	2.23	2.33	1.87
RNAP_peak+_236	651749	2.52	1.14	1.05	2.08	1.46
RNAP_peak+_237	655574	3.73	2.47	2.60	2.98	2.32
RNAP_peak+_238	656274	4.14	4.54	3.92	4.17	4.68
RNAP_peak+_239	657149	2.96	4.11	3.30	3.53	3.84
RNAP_peak+_240	657699	2.35	2.37	2.72	2.84	1.86
RNAP_peak+_241	663155	1.62	3.04	1.99	1.61	2.48
RNAP_peak+_242	674005	3.97	3.49	3.98	3.47	4.01
RNAP_peak+_243	675605	2.88	0.92	1.98	1.90	1.51
RNAP_peak+_244	678280	2.53	0.46	2.02	1.94	0.80
RNAP_peak+_245	694255	3.40	2.61	2.24	2.41	2.36
RNAP_peak+_246	695930	3.52	5.82	4.29	3.81	4.24

RNAP_peak+_247	702755	2.47	1.16	1.97	3.27	1.96
RNAP_peak+_248	705280	3.25	2.74	3.44	2.74	3.29
RNAP_peak+_249	707155	1.27	2.20	1.94	1.96	2.06
RNAP_peak+_250	709930	4.19	3.60	3.28	3.40	3.74
RNAP_peak+_251	712005	2.98	3.06	3.18	3.07	3.46
RNAP_peak+_252	715580	2.68	0.53	1.28	1.43	0.77
RNAP_peak+_253	728330	3.87	1.26	3.11	3.30	2.96
RNAP_peak+_254	728755	3.23	1.08	2.27	2.65	2.27
RNAP_peak+_255	732705	4.25	0.56	1.87	2.01	1.68
RNAP_peak+_256	734280	2.60	0.42	1.53	1.74	1.09
RNAP_peak+_257	735580	1.24	0.57	1.08	1.52	1.17
RNAP_peak+_258	735955	1.11	0.59	1.01	1.61	1.28
RNAP_peak+_259	736783	2.61	0.26	1.16	1.36	1.38
RNAP_peak+_260	738083	2.32	0.12	1.33	1.50	1.61
RNAP_peak+_261	741633	2.26	1.72	2.65	1.38	1.48
RNAP_peak+_262	744358	0.87	1.98	2.53	2.73	2.21
RNAP_peak+_263	746983	1.96	0.83	2.01	1.97	2.80
RNAP_peak+_264	753958	4.62	4.67	2.11	2.16	3.62
RNAP_peak+_265	754533	2.93	5.30	1.27	1.18	2.92
RNAP_peak+_266	757658	1.06	2.81	1.65	1.67	2.22
RNAP_peak+_267	764983	1.14	2.13	2.49	1.35	1.32
RNAP_peak+_268	770283	4.10	1.71	3.60	4.27	3.57
RNAP_peak+_269	773633	1.34	2.70	2.04	2.31	2.36
RNAP_peak+_270	774008	1.69	3.22	2.69	2.31	2.69
RNAP_peak+_271	776708	2.34	3.21	2.15	1.95	2.66
RNAP_peak+_272	779708	3.01	5.93	4.58	3.97	4.53
RNAP_peak+_273	780233	2.75	5.90	4.57	3.46	4.20
RNAP_peak+_274	780408	2.77	5.88	4.54	3.29	4.18
RNAP_peak+_275	781258	2.24	4.60	3.85	2.84	3.16
RNAP_peak+_276	782158	1.89	2.65	2.85	2.95	2.25
RNAP_peak+_277	784783	3.41	2.55	2.98	3.56	3.28
RNAP_peak+_278	786883	2.28	2.27	1.84	2.36	2.54
RNAP_peak+_279	793883	4.27	2.96	2.59	3.04	3.67
RNAP_peak+_280	794258	3.83	2.79	2.61	2.81	3.69
RNAP_peak+_281	797583	2.24	1.07	1.57	1.84	1.70
RNAP_peak+_282	797708	2.22	1.15	1.76	1.95	1.52
RNAP_peak+_283	808479	1.82	0.66	3.15	0.29	1.34
RNAP_peak+_284	812588	3.09	1.28	2.49	2.60	2.29
RNAP_peak+_285	816065	4.15	3.14	3.74	3.29	2.75
RNAP_peak+_286	817165	0.81	2.52	2.73	2.21	1.41
RNAP_peak+_287	819290	2.89	2.11	2.69	3.29	2.48
RNAP_peak+_288	820790	2.88	0.81	1.86	2.08	1.54
RNAP_peak+_289	823615	3.35	0.97	1.71	2.07	1.32
RNAP_peak+_290	829840	2.38	1.37	2.22	1.80	1.77
RNAP_peak+_291	832365	1.60	1.07	0.33	1.02	0.86
RNAP_peak+_292	834340	0.34	0.86	0.85	1.29	1.02
RNAP_peak+_293	835296	2.27	1.36	1.47	2.29	1.57
RNAP_peak+_294	837771	2.99	0.71	1.73	1.83	1.71
RNAP_peak+_295	841396	0.71	1.28	1.19	1.44	1.18
RNAP_peak+_296	849647	3.92	3.21	4.32	4.37	3.99
RNAP_peak+_297	852247	3.89	4.06	3.02	3.92	4.23
RNAP_peak+_298	855072	4.64	3.76	3.94	3.46	4.00
RNAP_peak+_299	859200	1.97	0.90	1.10	1.62	1.33
RNAP_peak+_300	862825	0.28	0.53	0.77	0.32	0.74
RNAP_peak+_301	865650	3.84	2.78	2.50	2.87	3.63
RNAP_peak+_302	870675	1.22	2.77	0.87	1.18	2.78
RNAP_peak+_303	872200	3.09	3.48	3.41	3.42	3.08
RNAP_peak+_304	877400	2.15	1.59	2.86	4.01	3.55
RNAP_peak+_305	877850	1.23	1.14	2.81	3.67	3.49
RNAP_peak+_306	879700	3.56	1.30	2.95	2.44	2.60
RNAP_peak+_307	882710	3.98	2.75	3.12	3.94	3.47
RNAP_peak+_308	886710	1.78	1.27	1.43	1.25	1.75
RNAP_peak+_309	889104	3.64	2.16	3.21	3.37	2.76

RNAP_peak+_310	890204	2.61	1.22	2.19	1.93	1.49
RNAP_peak+_311	891029	0.80	1.34	1.64	1.25	1.32
RNAP_peak+_312	891854	1.58	1.69	1.64	1.57	1.31
RNAP_peak+_313	892954	2.26	2.21	2.34	2.63	1.91
RNAP_peak+_314	897107	1.81	2.04	1.76	1.28	1.94
RNAP_peak+_315	897682	2.33	2.07	2.08	0.99	1.53
RNAP_peak+_316	903607	3.38	1.20	2.72	2.47	1.95
RNAP_peak+_317	905307	0.66	2.10	1.97	1.80	1.68
RNAP_peak+_318	913808	1.38	2.46	2.14	1.59	1.62
RNAP_peak+_319	915483	3.40	1.62	2.08	2.74	2.33
RNAP_peak+_320	918208	3.75	3.13	5.18	4.04	4.82
RNAP_peak+_321	921260	3.56	2.40	4.68	2.87	3.23
RNAP_peak+_322	922060	2.64	2.87	3.98	3.10	3.63
RNAP_peak+_323	931809	3.10	3.18	3.15	2.46	3.38
RNAP_peak+_324	932409	3.27	3.48	2.93	2.72	3.13
RNAP_peak+_325	936484	1.79	2.82	1.99	1.38	2.33
RNAP_peak+_326	938634	2.32	3.10	3.05	3.26	3.38
RNAP_peak+_327	939959	0.65	2.41	3.02	2.91	2.73
RNAP_peak+_328	945009	1.51	1.82	1.67	1.57	1.29
RNAP_peak+_329	946059	3.45	2.07	2.48	2.42	2.21
RNAP_peak+_330	946334	3.17	2.07	2.49	2.82	2.25
RNAP_peak+_331	949109	2.22	0.99	1.65	1.60	1.15
RNAP_peak+_332	955886	2.61	1.83	1.55	1.13	1.52
RNAP_peak+_333	956786	2.41	3.45	2.81	2.93	3.05
RNAP_peak+_334	959236	1.11	3.09	1.45	1.66	2.67
RNAP_peak+_335	960311	2.88	3.33	2.56	1.80	2.18
RNAP_peak+_336	960911	4.48	4.74	3.90	3.14	3.19
RNAP_peak+_337	963011	3.19	4.60	4.01	3.79	4.06
RNAP_peak+_338	963386	2.50	3.42	3.30	2.99	2.96
RNAP_peak+_339	965787	2.29	2.62	2.00	1.68	2.15
RNAP_peak+_340	969762	2.62	1.84	2.10	1.85	2.01
RNAP_peak+_341	972862	3.25	2.14	2.06	2.07	2.00
RNAP_peak+_342	980137	2.71	1.91	2.96	3.32	2.48
RNAP_peak+_343	982337	3.06	3.63	3.56	4.40	4.02
RNAP_peak+_344	982837	2.59	3.97	3.25	3.76	3.61
RNAP_peak+_345	985138	3.27	4.32	3.09	3.20	3.34
RNAP_peak+_346	986442	4.49	4.12	3.35	4.33	3.34
RNAP_peak+_347	989692	3.42	3.69	3.36	3.26	3.59
RNAP_peak+_348	997217	2.63	0.01	0.95	1.61	0.94
RNAP_peak+_349	1003918	2.83	3.15	1.96	1.57	1.85
RNAP_peak+_350	1005018	3.21	3.36	3.10	2.86	2.75
RNAP_peak+_351	1006743	2.30	2.63	2.14	1.64	1.94
RNAP_peak+_352	1010893	1.80	2.22	1.32	1.94	1.83
RNAP_peak+_353	1014818	2.52	3.05	3.66	4.36	3.57
RNAP_peak+_354	1017568	4.10	3.01	2.99	2.69	3.49
RNAP_peak+_355	1019468	4.62	4.19	4.17	4.19	4.04
RNAP_peak+_356	1020168	3.19	2.64	2.60	2.95	2.53
RNAP_peak+_357	1023643	2.37	1.69	1.49	1.51	1.45
RNAP_peak+_358	1027018	2.57	1.33	2.98	2.58	1.96
RNAP_peak+_359	1029236	1.86	2.59	2.48	2.10	1.99
RNAP_peak+_360	1030687	4.10	5.26	4.77	3.04	4.44
RNAP_peak+_361	1030862	4.12	5.10	4.51	3.03	4.27
RNAP_peak+_362	1036837	0.97	0.11	0.73	1.63	1.24
RNAP_peak+_363	1039887	0.56	0.25	0.89	1.03	0.69
RNAP_peak+_364	1048987	2.48	3.97	3.24	2.94	3.33
RNAP_peak+_365	1050512	4.27	4.31	3.54	4.48	3.64
RNAP_peak+_366	1050887	3.51	3.57	3.15	4.14	3.23
RNAP_peak+_367	1051187	2.66	2.86	3.04	3.08	2.64
RNAP_peak+_368	1055312	0.55	0.46	1.11	0.96	0.66
RNAP_peak+_369	1057112	1.07	0.59	2.35	0.76	1.11
RNAP_peak+_370	1060812	1.07	-0.07	0.27	0.43	0.26
RNAP_peak+_371	1063212	4.29	1.10	2.24	2.88	2.24
RNAP_peak+_372	1064637	1.50	0.37	1.06	1.35	1.06

RNAP_peak+_373	1066862	2.82	0.60	3.73	4.11	2.86
RNAP_peak+_374	1073437	2.12	0.85	0.79	2.66	1.38
RNAP_peak+_375	1078362	1.64	1.93	1.81	2.49	1.94
RNAP_peak+_376	1080412	1.69	2.38	1.36	1.97	2.52
RNAP_peak+_377	1084187	4.21	3.00	0.96	1.67	2.54
RNAP_peak+_378	1091787	3.52	2.19	2.64	3.75	2.62
RNAP_peak+_379	1093387	3.43	1.42	1.88	1.89	1.67
RNAP_peak+_380	1094787	1.62	0.42	1.06	1.27	0.79
RNAP_peak+_381	1095137	1.76	0.58	1.22	1.49	1.19
RNAP_peak+_382	1096812	3.86	5.02	4.01	3.70	3.79
RNAP_peak+_383	1098162	2.79	2.29	2.34	2.23	2.28
RNAP_peak+_384	1099362	3.33	2.45	2.45	2.85	2.44
RNAP_peak+_385	1102813	2.47	0.84	2.22	3.45	1.59
RNAP_peak+_386	1103790	1.51	0.38	1.14	1.19	0.85
RNAP_peak+_387	1105215	2.84	2.03	1.75	2.48	1.47
RNAP_peak+_388	1108440	3.67	3.15	3.77	3.83	3.70
RNAP_peak+_389	1112765	1.66	2.56	2.33	2.15	2.52
RNAP_peak+_390	1115990	3.61	2.56	1.91	1.88	1.89
RNAP_peak+_391	1124847	2.06	1.79	2.21	3.08	2.68
RNAP_peak+_392	1126897	0.81	2.52	1.78	2.30	1.87
RNAP_peak+_393	1129923	1.80	4.23	0.05	0.32	0.04
RNAP_peak+_394	1133623	1.59	3.74	0.71	0.47	0.66
RNAP_peak+_395	1137703	1.66	3.35	0.62	0.10	0.19
RNAP_peak+_396	1143703	3.54	4.00	3.38	3.49	3.75
RNAP_peak+_397	1143954	4.04	3.90	3.53	3.76	3.78
RNAP_peak+_398	1145729	4.12	4.66	3.42	3.79	3.91
RNAP_peak+_399	1145879	4.27	4.93	3.49	3.72	3.94
RNAP_peak+_400	1146504	2.27	5.12	3.62	2.98	4.01
RNAP_peak+_401	1146779	1.88	4.47	3.14	2.67	3.57
RNAP_peak+_402	1147254	1.95	4.86	2.84	2.16	3.29
RNAP_peak+_403	1150755	4.56	4.91	4.27	4.17	4.45
RNAP_peak+_404	1151080	4.00	4.57	4.44	4.07	4.09
RNAP_peak+_405	1152505	1.58	2.88	2.20	1.75	1.74
RNAP_peak+_406	1154080	2.14	2.02	1.92	1.98	1.94
RNAP_peak+_407	1156780	3.44	4.13	3.87	3.63	4.12
RNAP_peak+_408	1160980	3.10	1.44	2.70	2.58	2.27
RNAP_peak+_409	1163030	1.98	1.51	1.49	1.29	1.49
RNAP_peak+_410	1164255	1.96	1.97	3.03	2.80	3.00
RNAP_peak+_411	1165255	2.41	2.02	2.27	2.55	1.98
RNAP_peak+_412	1166830	2.37	1.20	1.64	1.48	1.27
RNAP_peak+_413	1168255	4.67	1.12	3.18	4.12	2.21
RNAP_peak+_414	1174480	2.79	2.38	2.28	1.92	2.39
RNAP_peak+_415	1177180	1.52	2.72	1.14	1.43	2.32
RNAP_peak+_416	1184912	1.48	2.44	2.72	2.63	2.68
RNAP_peak+_417	1194216	3.91	3.84	2.57	2.85	3.18
RNAP_peak+_418	1195876	2.16	3.32	1.85	2.39	2.99
RNAP_peak+_419	1197776	2.59	0.73	0.82	1.92	1.18
RNAP_peak+_420	1200526	1.89	1.20	1.88	2.09	1.59
RNAP_peak+_421	1202151	3.19	1.78	3.65	2.29	2.59
RNAP_peak+_422	1207168	1.71	0.20	1.04	1.09	0.89
RNAP_peak+_423	1209018	2.09	0.30	1.06	1.21	0.65
RNAP_peak+_424	1209668	3.10	0.81	1.69	1.59	1.56
RNAP_peak+_425	1210543	1.68	1.28	1.22	1.64	1.45
RNAP_peak+_426	1214994	4.50	1.72	2.57	2.82	1.89
RNAP_peak+_427	1216294	2.33	0.63	1.96	1.75	1.52
RNAP_peak+_428	1217844	5.04	1.30	2.67	2.86	2.32
RNAP_peak+_429	1218594	3.73	1.04	2.24	2.53	1.73
RNAP_peak+_430	1219894	3.17	1.22	1.94	1.81	1.65
RNAP_peak+_431	1222519	2.27	1.35	2.31	1.81	1.72
RNAP_peak+_432	1222769	2.29	1.28	1.77	1.66	1.45
RNAP_peak+_433	1225444	3.33	3.15	3.18	3.00	3.46
RNAP_peak+_434	1226745	3.37	1.99	2.53	3.33	3.28
RNAP_peak+_435	1227970	2.15	2.01	2.80	2.86	2.45

RNAP_peak+_436	1229945	1.39	0.48	1.15	1.56	0.88
RNAP_peak+_437	1234145	3.40	2.56	2.69	2.71	2.99
RNAP_peak+_438	1236695	3.61	0.49	1.68	3.22	2.86
RNAP_peak+_439	1241170	2.67	2.04	1.81	1.94	2.05
RNAP_peak+_440	1242220	2.00	2.48	2.37	2.32	2.06
RNAP_peak+_441	1243870	3.36	2.67	1.75	1.90	1.55
RNAP_peak+_442	1244145	3.02	2.26	2.32	2.31	1.63
RNAP_peak+_443	1250224	1.57	2.08	1.76	0.81	2.24
RNAP_peak+_444	1257899	4.23	2.84	2.92	3.02	2.74
RNAP_peak+_445	1262924	3.92	3.17	3.08	2.87	3.34
RNAP_peak+_446	1266474	2.31	2.82	2.37	2.69	2.85
RNAP_peak+_447	1267199	1.86	2.88	2.68	2.98	2.57
RNAP_peak+_448	1268499	3.68	3.27	3.23	3.66	3.31
RNAP_peak+_449	1269074	3.68	3.03	3.16	3.30	3.23
RNAP_peak+_450	1269599	3.86	3.06	3.33	3.50	3.31
RNAP_peak+_451	1271249	3.22	1.55	2.78	4.04	2.25
RNAP_peak+_452	1271524	3.01	1.47	2.83	4.28	2.41
RNAP_peak+_453	1273025	2.61	1.76	2.66	3.15	2.63
RNAP_peak+_454	1277000	1.84	0.84	2.04	1.69	1.46
RNAP_peak+_455	1278900	3.10	0.72	2.66	2.49	2.06
RNAP_peak+_456	1285975	1.95	4.09	2.45	1.35	2.11
RNAP_peak+_457	1288100	4.38	3.29	3.39	3.43	3.55
RNAP_peak+_458	1289350	2.26	2.13	3.07	2.96	2.83
RNAP_peak+_459	1290600	2.71	2.33	2.56	2.74	2.27
RNAP_peak+_460	1292500	4.65	2.25	3.82	3.47	2.61
RNAP_peak+_461	1297525	4.21	3.03	4.56	3.29	4.41
RNAP_peak+_462	1298726	4.49	2.03	4.66	3.79	2.99
RNAP_peak+_463	1299026	3.80	2.32	4.57	3.50	2.80
RNAP_peak+_464	1301101	1.59	2.31	2.94	1.69	1.95
RNAP_peak+_465	1306726	3.95	2.91	3.24	3.10	3.53
RNAP_peak+_466	1308901	2.83	2.60	2.24	2.88	3.56
RNAP_peak+_467	1311676	2.97	1.83	2.63	2.25	2.33
RNAP_peak+_468	1321227	1.79	3.36	1.02	3.17	3.19
RNAP_peak+_469	1321752	3.12	2.44	1.49	2.09	1.90
RNAP_peak+_470	1322877	1.72	1.92	2.03	1.66	2.11
RNAP_peak+_471	1324352	2.58	2.22	1.96	2.03	1.90
RNAP_peak+_472	1324702	2.63	2.96	2.35	2.60	2.65
RNAP_peak+_473	1327277	3.18	1.93	1.89	1.93	2.28
RNAP_peak+_474	1328927	3.26	2.74	3.32	2.00	2.25
RNAP_peak+_475	1331688	1.84	2.73	2.74	2.29	2.52
RNAP_peak+_476	1333163	3.61	3.76	3.38	3.57	3.22
RNAP_peak+_477	1333813	2.85	3.45	2.80	2.76	2.55
RNAP_peak+_478	1337213	3.66	2.58	2.36	2.53	2.38
RNAP_peak+_479	1337938	4.09	3.06	4.05	3.54	3.09
RNAP_peak+_480	1339888	1.01	3.05	3.00	1.40	2.08
RNAP_peak+_481	1359340	3.03	1.69	1.33	1.94	1.67
RNAP_peak+_482	1365915	2.04	0.87	1.73	2.46	1.82
RNAP_peak+_483	1367690	0.88	0.72	2.60	1.75	1.78
RNAP_peak+_484	1381941	3.85	0.87	3.96	1.66	1.27
RNAP_peak+_485	1384641	2.63	1.22	3.27	2.28	2.13
RNAP_peak+_486	1386866	3.03	2.75	2.25	2.64	2.64
RNAP_peak+_487	1390116	1.77	1.45	2.25	2.09	1.56
RNAP_peak+_488	1390966	2.43	1.79	2.67	2.66	2.36
RNAP_peak+_489	1393816	3.87	1.29	1.74	2.12	1.35
RNAP_peak+_490	1395341	2.92	3.47	1.74	2.74	2.71
RNAP_peak+_491	1402692	0.45	0.45	0.53	1.02	0.97
RNAP_peak+_492	1403742	2.14	1.85	2.24	2.07	1.65
RNAP_peak+_493	1405992	3.40	1.19	3.06	2.98	2.40
RNAP_peak+_494	1406417	2.73	1.39	3.10	3.31	2.46
RNAP_peak+_495	1407142	2.05	1.51	4.26	4.36	4.24
RNAP_peak+_496	1407392	1.95	1.42	4.57	4.47	4.62
RNAP_peak+_497	1416468	2.11	0.70	1.70	1.49	0.91
RNAP_peak+_498	1418268	3.76	3.61	3.14	3.30	3.92

RNAP_peak+_499	1421761	2.71	1.58	2.19	2.71	2.39
RNAP_peak+_500	1423387	3.24	1.46	2.18	1.94	1.65
RNAP_peak+_501	1424312	2.15	0.57	1.52	2.04	1.50
RNAP_peak+_502	1426562	2.39	1.62	1.24	1.85	1.12
RNAP_peak+_503	1429162	1.57	0.34	1.38	1.05	1.16
RNAP_peak+_504	1431162	3.80	0.96	2.97	3.56	2.23
RNAP_peak+_505	1432563	4.53	2.56	3.29	3.69	3.10
RNAP_peak+_506	1435138	2.20	0.78	1.13	1.56	1.47
RNAP_peak+_507	1438838	3.00	1.66	2.76	3.07	3.05
RNAP_peak+_508	1441163	3.11	1.34	3.82	1.88	1.76
RNAP_peak+_509	1443513	0.60	1.39	1.23	1.51	1.88
RNAP_peak+_510	1445213	1.28	1.04	0.43	0.71	0.75
RNAP_peak+_511	1460438	1.30	0.36	0.93	0.76	0.61
RNAP_peak+_512	1461463	2.31	0.67	1.90	1.61	1.48
RNAP_peak+_513	1463688	2.22	0.61	1.29	1.41	1.17
RNAP_peak+_514	1465963	2.61	1.40	2.10	1.90	2.59
RNAP_peak+_515	1467163	2.01	1.01	1.63	1.62	1.25
RNAP_peak+_516	1469213	3.85	1.48	3.38	2.73	2.41
RNAP_peak+_517	1473163	1.13	0.48	1.09	1.17	1.19
RNAP_peak+_518	1476297	1.61	-0.06	0.76	0.88	0.52
RNAP_peak+_519	1480947	3.61	1.13	2.59	1.96	1.83
RNAP_peak+_520	1485192	2.95	1.85	2.07	1.56	1.98
RNAP_peak+_521	1488717	4.57	4.00	4.72	5.12	4.64
RNAP_peak+_522	1489692	2.75	2.96	3.02	3.53	2.98
RNAP_peak+_523	1490142	4.27	2.85	2.94	3.95	3.07
RNAP_peak+_524	1490442	3.49	2.41	2.32	2.95	2.77
RNAP_peak+_525	1493092	2.80	2.76	0.99	1.52	1.56
RNAP_peak+_526	1494792	1.30	1.40	2.39	1.53	1.62
RNAP_peak+_527	1496627	1.89	1.84	1.98	1.76	2.21
RNAP_peak+_528	1496852	2.40	1.91	2.04	2.08	2.34
RNAP_peak+_529	1498427	3.28	0.98	1.96	2.31	1.86
RNAP_peak+_530	1500502	3.91	1.75	2.72	2.81	2.36
RNAP_peak+_531	1501505	1.91	1.91	2.26	2.24	1.90
RNAP_peak+_532	1504157	3.10	1.73	1.73	1.65	1.51
RNAP_peak+_533	1507257	2.73	1.67	2.65	1.62	1.44
RNAP_peak+_534	1507882	1.60	1.20	1.67	1.82	1.30
RNAP_peak+_535	1509518	2.68	0.90	1.66	1.59	1.59
RNAP_peak+_536	1512500	1.29	0.21	1.07	0.68	0.68
RNAP_peak+_537	1515350	3.64	2.84	3.50	2.81	3.02
RNAP_peak+_538	1515600	3.41	3.21	3.45	2.91	3.30
RNAP_peak+_539	1517025	1.36	1.46	1.89	2.04	1.90
RNAP_peak+_540	1518175	3.22	1.08	2.24	2.30	1.77
RNAP_peak+_541	1521225	2.02	1.06	1.04	1.12	2.95
RNAP_peak+_542	1524275	3.15	0.57	2.14	2.72	1.72
RNAP_peak+_543	1524850	1.34	0.42	1.76	2.82	1.57
RNAP_peak+_544	1527950	3.24	1.48	2.42	2.03	2.21
RNAP_peak+_545	1528406	2.70	1.71	2.45	1.83	2.00
RNAP_peak+_546	1530631	2.77	0.12	1.52	1.31	1.37
RNAP_peak+_547	1531706	1.36	0.70	1.27	1.61	1.19
RNAP_peak+_548	1545092	1.47	1.11	2.45	1.80	1.70
RNAP_peak+_549	1549942	2.29	1.34	3.18	2.01	1.95
RNAP_peak+_550	1554517	4.87	1.31	3.17	3.27	2.67
RNAP_peak+_551	1590312	2.35	0.77	2.52	1.50	1.42
RNAP_peak+_552	1604187	0.98	0.27	1.64	1.73	1.28
RNAP_peak+_553	1605512	1.43	0.86	2.30	1.78	1.23
RNAP_peak+_554	1609887	2.04	2.34	1.75	1.90	2.31
RNAP_peak+_555	1612687	1.21	1.06	1.59	2.39	1.37
RNAP_peak+_556	1613862	1.13	0.73	1.23	1.36	1.03
RNAP_peak+_557	1614862	3.51	0.50	1.07	1.44	1.47
RNAP_peak+_558	1616937	1.88	1.38	2.24	2.66	2.46
RNAP_peak+_559	1619287	1.96	1.98	1.71	1.68	1.85
RNAP_peak+_560	1620712	4.84	3.51	4.04	2.63	4.36
RNAP_peak+_561	1622512	3.00	0.81	2.51	2.30	1.19

RNAP_peak+_562	1625512	2.51	1.98	2.49	2.23	2.25
RNAP_peak+_563	1626237	4.14	2.89	3.41	3.14	3.28
RNAP_peak+_564	1627087	1.33	2.33	3.85	2.77	2.55
RNAP_peak+_565	1629562	2.45	0.43	1.98	1.85	1.32
RNAP_peak+_566	1630712	4.42	2.33	3.16	3.34	2.86
RNAP_peak+_567	1631637	3.45	1.62	2.63	3.20	2.07
RNAP_peak+_568	1634774	1.60	0.66	2.28	1.58	1.64
RNAP_peak+_569	1639787	4.07	3.95	3.41	4.40	4.17
RNAP_peak+_570	1640062	4.54	4.32	3.41	4.28	4.01
RNAP_peak+_571	1643915	3.00	1.86	3.26	2.14	1.91
RNAP_peak+_572	1644190	3.14	2.29	3.01	2.08	1.75
RNAP_peak+_573	1645990	4.05	3.24	3.09	3.47	3.81
RNAP_peak+_574	1646465	2.73	3.12	2.68	2.96	3.07
RNAP_peak+_575	1646815	2.54	2.38	2.18	2.24	2.35
RNAP_peak+_576	1653720	3.85	2.53	2.81	2.72	3.32
RNAP_peak+_577	1655570	2.91	1.62	3.33	2.69	2.48
RNAP_peak+_578	1655870	3.03	1.18	3.05	2.32	2.27
RNAP_peak+_579	1657270	2.46	1.03	2.27	1.57	1.29
RNAP_peak+_580	1659695	0.97	-0.13	0.75	0.65	0.63
RNAP_peak+_581	1661545	1.20	0.32	0.89	0.82	0.94
RNAP_peak+_582	1663120	1.07	1.65	1.79	1.68	1.66
RNAP_peak+_583	1667595	2.69	0.92	1.65	4.42	2.79
RNAP_peak+_584	1669245	2.47	1.78	2.15	3.12	2.25
RNAP_peak+_585	1669745	2.60	1.47	2.09	2.25	1.76
RNAP_peak+_586	1669920	2.70	1.25	2.26	2.31	2.33
RNAP_peak+_587	1671845	3.99	3.04	3.73	2.95	3.06
RNAP_peak+_588	1676220	2.95	3.47	2.17	2.28	2.55
RNAP_peak+_589	1678820	0.93	1.92	1.32	1.07	1.15
RNAP_peak+_590	1680170	3.34	3.13	3.07	3.06	4.17
RNAP_peak+_591	1682320	0.57	2.13	1.62	1.02	2.82
RNAP_peak+_592	1686520	2.16	1.96	1.96	2.38	2.18
RNAP_peak+_593	1687770	3.18	1.33	2.31	2.86	2.60
RNAP_peak+_594	1697271	1.43	0.85	2.44	1.07	1.16
RNAP_peak+_595	1698921	0.89	1.05	1.70	1.43	1.68
RNAP_peak+_596	1700246	3.35	1.75	3.76	3.55	3.25
RNAP_peak+_597	1702421	3.93	3.02	3.44	3.70	3.48
RNAP_peak+_598	1702796	4.22	3.43	4.17	3.77	3.73
RNAP_peak+_599	1703121	4.04	3.90	3.90	4.28	3.42
RNAP_peak+_600	1703771	3.05	3.95	3.40	2.90	3.08
RNAP_peak+_601	1710846	1.49	1.10	2.05	1.27	1.10
RNAP_peak+_602	1712146	2.48	1.25	1.66	1.32	1.53
RNAP_peak+_603	1717771	3.96	2.97	4.01	3.31	3.93
RNAP_peak+_604	1718771	3.24	3.23	4.21	4.19	3.72
RNAP_peak+_605	1723921	2.82	0.93	2.39	2.67	2.29
RNAP_peak+_606	1725846	1.68	1.58	2.07	1.49	1.81
RNAP_peak+_607	1726096	1.99	1.56	2.27	1.60	2.10
RNAP_peak+_608	1732215	4.21	3.63	3.62	3.69	3.87
RNAP_peak+_609	1733165	3.40	3.18	2.51	2.47	2.74
RNAP_peak+_610	1735665	4.15	3.57	3.68	3.42	3.55
RNAP_peak+_611	1737890	0.88	1.40	1.71	1.31	1.45
RNAP_peak+_612	1739265	4.12	3.48	4.13	4.32	4.12
RNAP_peak+_613	1741340	4.09	2.68	3.75	3.84	3.26
RNAP_peak+_614	1744365	3.63	5.01	4.02	2.44	3.29
RNAP_peak+_615	1744640	3.28	4.50	3.91	2.51	3.53
RNAP_peak+_616	1745340	2.09	3.53	2.90	3.07	2.56
RNAP_peak+_617	1753390	4.91	2.99	3.22	4.29	3.36
RNAP_peak+_618	1755390	4.56	4.54	4.55	4.57	4.60
RNAP_peak+_619	1766920	2.41	2.24	2.13	1.88	2.38
RNAP_peak+_620	1768395	3.30	1.53	2.24	2.26	1.92
RNAP_peak+_621	1768595	3.19	0.88	1.98	1.92	1.52
RNAP_peak+_622	1773295	1.00	0.22	0.90	1.54	0.77
RNAP_peak+_623	1785247	3.97	2.49	1.84	3.21	2.15
RNAP_peak+_624	1786297	0.88	2.62	1.90	2.64	2.37

RNAP_peak+_625	1797322	2.75	5.09	4.52	3.65	4.27
RNAP_peak+_626	1801047	3.45	2.85	2.36	2.68	3.00
RNAP_peak+_627	1803122	2.03	2.04	1.73	1.50	1.46
RNAP_peak+_628	1804272	3.29	3.07	2.95	2.62	2.41
RNAP_peak+_629	1805397	1.78	0.94	2.41	2.21	1.82
RNAP_peak+_630	1805772	1.35	1.22	2.22	2.16	1.82
RNAP_peak+_631	1807222	2.90	2.44	2.89	2.47	2.76
RNAP_peak+_632	1808197	1.88	2.47	1.67	1.69	1.81
RNAP_peak+_633	1808622	2.51	3.74	1.20	1.15	2.42
RNAP_peak+_634	1811654	3.09	2.03	2.23	2.27	2.04
RNAP_peak+_635	1820235	4.20	1.30	3.52	3.79	2.89
RNAP_peak+_636	1821435	2.04	1.93	2.04	2.27	2.20
RNAP_peak+_637	1830335	2.72	1.51	1.69	4.57	1.50
RNAP_peak+_638	1831360	1.34	1.54	2.34	2.31	2.42
RNAP_peak+_639	1831985	1.88	0.72	2.06	1.67	1.76
RNAP_peak+_640	1833285	1.74	0.81	2.13	1.40	1.73
RNAP_peak+_641	1839485	2.23	1.50	1.96	1.89	1.56
RNAP_peak+_642	1840110	2.58	1.93	1.94	2.27	1.52
RNAP_peak+_643	1846785	2.41	2.20	2.15	2.07	2.60
RNAP_peak+_644	1848985	1.57	2.09	1.67	1.69	1.74
RNAP_peak+_645	1850510	1.80	1.56	1.42	1.60	1.57
RNAP_peak+_646	1860485	4.70	4.13	4.77	3.82	4.25
RNAP_peak+_647	1861835	1.79	2.79	2.37	2.48	2.43
RNAP_peak+_648	1864768	3.48	2.00	2.23	4.99	2.69
RNAP_peak+_649	1868268	1.65	1.15	2.68	3.51	2.43
RNAP_peak+_650	1869118	2.81	0.42	2.51	2.23	1.28
RNAP_peak+_651	1869943	2.83	0.87	2.56	2.17	1.74
RNAP_peak+_652	1871593	2.11	1.47	1.92	1.44	1.30
RNAP_peak+_653	1873643	1.34	0.74	1.80	0.96	1.43
RNAP_peak+_654	1874893	1.97	1.79	1.82	1.78	1.90
RNAP_peak+_655	1875718	4.37	2.84	2.10	2.49	2.35
RNAP_peak+_656	1880018	1.17	0.42	1.06	0.99	0.70
RNAP_peak+_657	1881043	0.92	0.93	1.04	1.22	0.95
RNAP_peak+_658	1891243	3.21	1.95	1.65	1.51	1.17
RNAP_peak+_659	1891568	3.68	2.50	2.62	2.53	2.02
RNAP_peak+_660	1892718	2.12	2.38	2.73	2.96	2.06
RNAP_peak+_661	1894920	2.58	1.43	4.55	1.56	1.65
RNAP_peak+_662	1896370	2.06	0.96	3.78	1.39	1.36
RNAP_peak+_663	1899770	3.15	3.03	3.05	1.51	2.88
RNAP_peak+_664	1901145	1.03	3.74	3.29	1.60	2.88
RNAP_peak+_665	1902620	1.07	2.94	2.54	1.27	1.85
RNAP_peak+_666	1903345	2.17	2.24	2.64	1.22	1.52
RNAP_peak+_667	1906120	4.13	3.55	3.30	3.79	4.31
RNAP_peak+_668	1906745	4.54	3.86	3.76	3.22	4.77
RNAP_peak+_669	1908345	2.93	1.57	2.03	1.68	1.47
RNAP_peak+_670	1914120	3.13	3.61	3.92	3.79	3.69
RNAP_peak+_671	1915245	1.96	1.89	1.65	1.77	2.01
RNAP_peak+_672	1918195	1.02	1.67	2.42	1.51	1.74
RNAP_peak+_673	1919795	3.71	2.21	2.72	3.82	2.88
RNAP_peak+_674	1920121	3.85	2.54	3.25	3.74	3.44
RNAP_peak+_675	1920996	4.15	4.16	3.21	3.88	3.92
RNAP_peak+_676	1923196	4.21	3.89	4.49	3.10	4.49
RNAP_peak+_677	1923421	4.04	3.31	4.24	2.92	4.01
RNAP_peak+_678	1924246	2.03	2.78	3.66	2.54	2.70
RNAP_peak+_679	1928771	3.64	2.22	2.00	1.89	1.76
RNAP_peak+_680	1934399	3.19	2.13	2.44	2.79	2.30
RNAP_peak+_681	1935599	1.99	2.27	3.34	3.50	3.54
RNAP_peak+_682	1940524	4.03	3.84	1.80	4.72	4.72
RNAP_peak+_683	1944324	3.21	1.81	2.78	2.49	2.14
RNAP_peak+_684	1948624	3.06	3.17	3.19	3.37	3.21
RNAP_peak+_685	1950249	2.72	2.74	3.00	2.96	2.83
RNAP_peak+_686	1953624	1.53	0.52	0.95	0.99	0.79
RNAP_peak+_687	1957949	2.64	2.52	2.16	2.16	2.11

RNAP_peak+_688	1960049	2.99	2.67	2.29	2.04	2.12
RNAP_peak+_689	1970749	2.12	3.18	0.82	0.64	0.54
RNAP_peak+_690	1977324	2.96	3.22	2.54	2.61	2.25
RNAP_peak+_691	1977474	2.72	2.77	2.87	2.77	2.54
RNAP_peak+_692	1980399	3.50	0.92	2.67	2.77	2.43
RNAP_peak+_693	1984477	4.15	2.28	4.20	2.46	3.27
RNAP_peak+_694	1986002	4.54	3.48	2.90	3.05	2.51
RNAP_peak+_695	1986727	3.03	3.57	3.77	2.83	1.71
RNAP_peak+_696	1987552	1.75	2.83	2.84	2.68	1.96
RNAP_peak+_697	1993780	4.33	2.95	2.73	3.25	2.55
RNAP_peak+_698	1994780	2.96	2.05	3.21	2.59	2.35
RNAP_peak+_699	1998480	3.11	4.09	2.58	2.72	3.06
RNAP_peak+_700	2001688	4.13	4.05	1.64	1.80	1.73
RNAP_peak+_701	2004148	0.60	3.09	1.20	0.90	1.05
RNAP_peak+_702	2006248	3.05	2.26	2.61	2.54	2.57
RNAP_peak+_703	2007773	1.51	0.63	1.37	1.41	1.54
RNAP_peak+_704	2008823	2.73	1.17	1.42	3.61	3.30
RNAP_peak+_705	2010023	3.75	3.08	1.27	2.36	1.89
RNAP_peak+_706	2011023	1.64	4.58	0.78	0.86	0.40
RNAP_peak+_707	2017598	0.92	4.21	0.18	-0.21	-0.17
RNAP_peak+_708	2018998	1.24	4.26	0.05	0.27	0.39
RNAP_peak+_709	2021573	2.15	3.12	1.12	1.32	0.83
RNAP_peak+_710	2023002	4.58	2.34	2.81	3.46	2.97
RNAP_peak+_711	2023377	4.36	2.54	2.92	3.59	3.13
RNAP_peak+_712	2027652	2.68	1.13	1.55	1.88	1.35
RNAP_peak+_713	2031627	3.56	1.31	2.09	2.60	2.07
RNAP_peak+_714	2032002	3.25	1.24	1.78	2.04	1.96
RNAP_peak+_715	2033702	3.77	0.58	2.45	3.00	1.83
RNAP_peak+_716	2036902	2.41	1.58	2.21	2.24	2.06
RNAP_peak+_717	2037727	3.60	0.96	1.94	2.47	1.62
RNAP_peak+_718	2039452	3.56	1.34	1.61	4.61	4.77
RNAP_peak+_719	2040102	2.69	1.71	1.48	3.88	4.99
RNAP_peak+_720	2041539	3.47	3.79	3.23	2.17	3.18
RNAP_peak+_721	2042614	3.57	5.13	3.94	3.74	3.69
RNAP_peak+_722	2042864	2.92	4.63	3.67	2.33	3.09
RNAP_peak+_723	2047389	1.53	0.37	1.29	0.51	1.01
RNAP_peak+_724	2051189	3.31	1.65	1.80	2.34	2.16
RNAP_peak+_725	2052964	2.30	2.33	1.50	2.23	2.19
RNAP_peak+_726	2054889	4.05	2.72	2.19	2.48	2.59
RNAP_peak+_727	2057859	3.74	5.01	4.19	3.74	4.33
RNAP_peak+_728	2060284	3.30	4.68	3.60	3.63	3.20
RNAP_peak+_729	2066034	4.76	3.46	4.13	4.49	3.92
RNAP_peak+_730	2066934	3.43	2.00	2.28	2.88	2.84
RNAP_peak+_731	2068234	2.03	1.30	1.86	1.88	1.49
RNAP_peak+_732	2068709	1.31	0.49	1.68	1.49	1.19
RNAP_peak+_733	2072636	1.46	0.91	0.83	1.10	1.37
RNAP_peak+_734	2074036	1.21	0.37	0.73	0.85	0.82
RNAP_peak+_735	2076211	1.25	1.15	1.53	1.39	1.21
RNAP_peak+_736	2076561	1.14	1.79	2.27	1.74	2.13
RNAP_peak+_737	2080686	2.52	1.05	1.38	1.33	1.80
RNAP_peak+_738	2087911	4.01	4.38	3.97	3.98	4.28
RNAP_peak+_739	2088111	3.55	4.28	4.02	4.12	4.14
RNAP_peak+_740	2094611	1.18	2.75	1.51	1.59	2.19
RNAP_peak+_741	2135841	1.98	0.48	1.19	1.97	1.49
RNAP_peak+_742	2137566	1.19	2.22	1.04	1.34	2.06
RNAP_peak+_743	2141291	3.33	2.57	2.76	2.19	2.67
RNAP_peak+_744	2145491	1.41	0.77	0.71	0.85	0.79
RNAP_peak+_745	2149116	2.14	0.35	1.10	1.20	0.65
RNAP_peak+_746	2151316	3.57	3.06	2.92	3.30	3.80
RNAP_peak+_747	2151516	3.70	3.16	3.20	3.32	3.86
RNAP_peak+_748	2151841	3.54	3.40	3.50	3.82	4.08
RNAP_peak+_749	2158891	1.92	0.49	0.14	0.34	0.21
RNAP_peak+_750	2162591	1.84	1.29	1.74	2.17	1.30

RNAP_peak+_751	2163191	2.19	1.82	2.24	2.50	1.94
RNAP_peak+_752	2163591	2.22	2.08	2.62	2.87	2.29
RNAP_peak+_753	2164966	1.63	3.10	2.10	1.77	2.04
RNAP_peak+_754	2166541	2.93	0.60	2.01	1.43	1.35
RNAP_peak+_755	2168066	1.33	0.78	1.35	1.12	0.89
RNAP_peak+_756	2176816	1.86	0.25	1.15	1.07	1.31
RNAP_peak+_757	2183866	3.08	1.81	1.94	1.17	1.70
RNAP_peak+_758	2184916	2.29	0.98	1.76	1.07	1.55
RNAP_peak+_759	2192166	3.33	2.86	2.69	2.36	2.66
RNAP_peak+_760	2195241	1.76	1.07	2.01	1.51	1.27
RNAP_peak+_761	2202416	4.27	0.33	1.80	1.69	1.37
RNAP_peak+_762	2209191	1.09	0.99	1.75	0.93	1.05
RNAP_peak+_763	2212743	2.09	2.28	2.77	2.53	2.74
RNAP_peak+_764	2213593	2.74	2.23	1.98	2.03	2.06
RNAP_peak+_765	2220168	2.95	1.81	2.45	2.49	2.54
RNAP_peak+_766	2223643	2.91	0.94	1.64	2.61	1.67
RNAP_peak+_767	2226968	3.98	1.17	2.71	3.11	2.45
RNAP_peak+_768	2228493	1.99	0.92	1.48	1.49	1.21
RNAP_peak+_769	2229318	2.26	0.53	2.25	2.22	1.21
RNAP_peak+_770	2230968	3.00	2.39	2.95	2.73	2.52
RNAP_peak+_771	2232193	2.53	1.41	1.52	1.37	0.93
RNAP_peak+_772	2241846	3.84	4.09	2.35	2.97	3.43
RNAP_peak+_773	2247696	2.60	1.50	1.04	1.43	1.65
RNAP_peak+_774	2248621	1.84	1.14	1.53	1.47	1.66
RNAP_peak+_775	2253321	2.44	0.09	1.10	0.88	0.61
RNAP_peak+_776	2261721	1.08	2.32	4.08	1.92	3.42
RNAP_peak+_777	2263371	0.89	2.05	1.91	1.20	1.32
RNAP_peak+_778	2264371	1.26	1.18	1.26	0.87	0.64
RNAP_peak+_779	2265671	1.11	0.92	0.93	0.69	1.02
RNAP_peak+_780	2267846	4.06	4.80	3.47	2.91	3.85
RNAP_peak+_781	2268596	2.15	4.90	3.35	2.00	3.56
RNAP_peak+_782	2270396	1.87	2.44	2.06	2.35	2.40
RNAP_peak+_783	2271946	1.57	1.67	0.81	1.63	1.19
RNAP_peak+_784	2272846	1.52	1.33	0.67	1.06	1.41
RNAP_peak+_785	2276371	4.64	4.04	2.55	2.67	3.11
RNAP_peak+_786	2278571	3.41	2.64	2.63	2.38	2.59
RNAP_peak+_787	2280446	3.06	4.14	3.29	2.92	3.36
RNAP_peak+_788	2282097	3.12	3.24	2.83	2.98	2.98
RNAP_peak+_789	2284197	3.59	4.28	3.41	2.49	3.22
RNAP_peak+_790	2288438	3.07	1.60	3.14	1.48	1.81
RNAP_peak+_791	2301588	1.63	1.43	1.28	1.60	1.05
RNAP_peak+_792	2301863	2.19	1.35	1.65	1.72	1.22
RNAP_peak+_793	2307000	1.02	0.77	0.65	0.60	0.71
RNAP_peak+_794	2311025	4.83	2.89	4.02	4.48	3.92
RNAP_peak+_795	2311450	4.63	2.53	3.16	3.52	3.58
RNAP_peak+_796	2313875	4.07	3.09	2.99	2.73	3.34
RNAP_peak+_797	2318150	3.14	1.10	1.50	1.35	1.32
RNAP_peak+_798	2321300	0.97	0.48	1.08	1.22	1.24
RNAP_peak+_799	2337525	3.85	3.11	3.55	3.86	3.79
RNAP_peak+_800	2339175	0.83	0.91	1.04	0.61	0.97
RNAP_peak+_801	2342750	2.64	1.73	2.66	1.63	1.55
RNAP_peak+_802	2345250	1.23	2.36	1.46	1.62	1.76
RNAP_peak+_803	2347625	2.17	1.73	2.24	1.75	2.50
RNAP_peak+_804	2347950	2.51	1.92	2.22	2.31	2.48
RNAP_peak+_805	2362504	2.87	1.20	1.45	2.34	1.40
RNAP_peak+_806	2363679	3.83	0.85	2.04	3.14	1.47
RNAP_peak+_807	2367304	1.63	1.01	1.22	1.63	1.58
RNAP_peak+_808	2370229	1.36	0.37	1.37	1.56	1.07
RNAP_peak+_809	2379579	2.82	1.08	2.15	2.08	2.07
RNAP_peak+_810	2384405	1.75	0.28	1.45	1.45	0.83
RNAP_peak+_811	2386955	1.85	1.11	1.22	1.43	1.15
RNAP_peak+_812	2405522	3.06	1.68	2.40	2.56	2.20
RNAP_peak+_813	2406822	1.38	1.53	1.71	1.93	2.03

RNAP_peak+_814	2411572	3.72	2.74	3.92	4.01	3.80
RNAP_peak+_815	2412697	1.80	2.08	2.50	1.74	2.00
RNAP_peak+_816	2414947	1.32	2.02	2.25	1.73	1.76
RNAP_peak+_817	2418522	1.68	1.03	1.63	1.58	1.18
RNAP_peak+_818	2419147	2.02	1.35	1.91	2.18	1.55
RNAP_peak+_819	2419697	1.82	1.94	2.18	2.48	1.78
RNAP_peak+_820	2435872	2.46	2.13	1.87	2.20	2.43
RNAP_peak+_821	2439672	4.24	1.82	3.90	3.67	3.26
RNAP_peak+_822	2446473	3.96	2.56	2.16	1.86	1.89
RNAP_peak+_823	2459175	2.73	1.16	2.19	3.04	2.43
RNAP_peak+_824	2461425	3.19	1.27	1.46	1.80	1.53
RNAP_peak+_825	2463228	2.75	2.11	2.02	2.14	1.81
RNAP_peak+_826	2464278	3.06	3.68	2.86	1.80	2.61
RNAP_peak+_827	2464503	2.81	3.42	2.70	1.66	2.50
RNAP_peak+_828	2465828	2.79	3.28	2.97	2.28	2.72
RNAP_peak+_829	2466928	2.86	2.92	1.76	1.99	2.40
RNAP_peak+_830	2468603	4.69	2.25	2.62	2.28	2.66
RNAP_peak+_831	2471703	1.33	-0.10	0.37	0.80	0.56
RNAP_peak+_832	2474303	2.70	1.74	2.49	2.47	2.94
RNAP_peak+_833	2474578	2.45	1.97	2.50	2.61	2.77
RNAP_peak+_834	2475828	0.81	0.50	1.07	0.79	0.90
RNAP_peak+_835	2477178	0.82	0.45	1.34	0.80	0.98
RNAP_peak+_836	2481504	4.35	2.99	3.04	4.14	3.67
RNAP_peak+_837	2484054	2.86	2.09	1.14	1.79	2.06
RNAP_peak+_838	2492654	2.15	1.71	2.63	2.52	2.41
RNAP_peak+_839	2493479	4.78	3.48	2.97	3.40	3.99
RNAP_peak+_840	2494829	1.30	2.78	1.94	1.90	1.95
RNAP_peak+_841	2496629	3.87	2.37	2.68	3.11	3.09
RNAP_peak+_842	2499129	1.22	1.36	2.49	2.41	1.86
RNAP_peak+_843	2507504	2.40	1.27	2.32	1.86	2.34
RNAP_peak+_844	2509004	2.58	1.13	1.47	2.07	1.85
RNAP_peak+_845	2510954	3.74	2.35	2.53	2.48	2.79
RNAP_peak+_846	2512379	1.49	1.90	3.50	2.00	1.94
RNAP_peak+_847	2516479	3.53	4.81	3.45	2.75	3.43
RNAP_peak+_848	2518904	3.72	5.63	5.03	3.72	4.54
RNAP_peak+_849	2523556	2.12	0.73	1.54	1.28	1.02
RNAP_peak+_850	2525031	2.94	1.48	1.62	1.07	1.50
RNAP_peak+_851	2529556	3.80	3.29	3.22	3.42	3.36
RNAP_peak+_852	2530381	3.66	4.33	2.25	2.78	3.88
RNAP_peak+_853	2531581	3.45	5.08	4.10	3.77	4.82
RNAP_peak+_854	2533581	3.65	4.25	4.03	3.00	3.61
RNAP_peak+_855	2535481	2.54	2.35	1.51	1.82	1.75
RNAP_peak+_856	2535956	2.26	3.62	1.95	2.08	2.73
RNAP_peak+_857	2541735	2.09	3.00	2.01	1.54	2.46
RNAP_peak+_858	2546510	1.52	0.72	1.17	0.56	0.79
RNAP_peak+_859	2550160	4.01	2.86	3.72	2.82	3.61
RNAP_peak+_860	2555285	2.70	3.61	2.76	3.02	3.30
RNAP_peak+_861	2556835	0.96	1.65	0.68	0.60	1.26
RNAP_peak+_862	2558435	4.33	1.61	2.99	2.17	2.87
RNAP_peak+_863	2559186	2.42	0.36	1.25	1.05	1.22
RNAP_peak+_864	2559711	1.72	0.01	1.00	0.81	0.85
RNAP_peak+_865	2561511	1.89	0.98	0.96	0.78	1.47
RNAP_peak+_866	2561936	1.63	0.62	1.33	0.74	1.56
RNAP_peak+_867	2562286	1.74	0.81	1.49	0.84	1.45
RNAP_peak+_868	2570062	1.09	-0.38	0.32	0.35	0.53
RNAP_peak+_869	2576512	3.50	1.30	2.38	2.62	2.30
RNAP_peak+_870	2583563	1.68	1.12	2.03	1.92	1.55
RNAP_peak+_871	2585438	1.65	1.08	1.89	1.38	1.42
RNAP_peak+_872	2588988	4.92	1.58	2.43	2.83	2.80
RNAP_peak+_873	2589438	4.44	1.61	2.40	2.63	2.46
RNAP_peak+_874	2590513	1.67	1.70	1.73	2.47	1.93
RNAP_peak+_875	2594763	2.27	2.76	2.04	2.16	2.61
RNAP_peak+_876	2597663	3.42	3.43	3.59	3.71	3.99

RNAP_peak+_877	2598413	1.96	3.10	2.95	3.43	3.32
RNAP_peak+_878	2613915	3.60	2.81	2.41	3.09	2.95
RNAP_peak+_879	2619091	3.22	4.18	2.11	2.33	2.30
RNAP_peak+_880	2620891	1.64	3.40	1.92	1.62	2.36
RNAP_peak+_881	2625953	1.60	0.66	1.43	1.33	0.89
RNAP_peak+_882	2627353	4.39	3.70	4.64	4.63	4.76
RNAP_peak+_883	2627728	3.49	3.01	3.49	3.56	3.33
RNAP_peak+_884	2632128	3.81	4.96	4.81	4.74	5.18
RNAP_peak+_885	2650455	2.73	1.83	1.86	2.38	2.09
RNAP_peak+_886	2651560	4.88	3.43	3.52	3.93	2.85
RNAP_peak+_887	2651724	4.33	2.86	2.87	3.17	2.47
RNAP_peak+_888	2661352	3.72	4.24	3.34	3.67	3.94
RNAP_peak+_889	2662302	1.09	3.31	1.65	1.77	1.65
RNAP_peak+_890	2663477	2.43	0.72	1.21	1.79	1.14
RNAP_peak+_891	2666152	1.17	1.89	1.18	1.41	1.06
RNAP_peak+_892	2671352	0.67	0.32	1.76	1.03	1.16
RNAP_peak+_893	2680802	0.85	0.46	0.89	0.73	0.47
RNAP_peak+_894	2682102	1.30	3.55	2.12	1.36	2.85
RNAP_peak+_895	2683602	3.62	3.91	1.88	1.54	2.51
RNAP_peak+_896	2693702	2.35	2.88	1.05	1.05	1.02
RNAP_peak+_897	2696652	3.45	1.67	2.66	2.47	3.07
RNAP_peak+_898	2697802	3.74	2.63	3.06	2.92	2.44
RNAP_peak+_899	2708114	4.79	2.99	3.18	3.79	4.14
RNAP_peak+_900	2711039	2.71	1.99	1.75	1.57	1.60
RNAP_peak+_901	2713364	0.72	1.36	2.90	2.15	1.77
RNAP_peak+_902	2714639	3.25	2.71	4.50	3.68	4.01
RNAP_peak+_903	2716764	3.97	2.72	2.62	1.96	2.82
RNAP_peak+_904	2717164	3.84	3.03	2.89	2.16	2.76
RNAP_peak+_905	2720414	3.72	2.52	2.75	2.65	2.62
RNAP_peak+_906	2720664	3.54	3.28	3.59	3.39	3.18
RNAP_peak+_907	2722415	1.73	4.41	1.72	3.44	3.00
RNAP_peak+_908	2723715	3.35	5.64	3.76	4.14	4.79
RNAP_peak+_909	2734069	3.09	2.95	3.29	2.94	3.51
RNAP_peak+_910	2735094	4.42	3.59	5.32	4.70	5.16
RNAP_peak+_911	2735594	3.61	3.26	4.69	4.30	4.74
RNAP_peak+_912	2739319	3.66	3.84	2.48	3.50	2.78
RNAP_peak+_913	2739619	4.02	3.70	2.58	4.18	3.07
RNAP_peak+_914	2745870	4.40	3.08	2.94	2.63	2.94
RNAP_peak+_915	2748645	3.33	2.09	4.47	2.80	2.32
RNAP_peak+_916	2749745	1.89	1.79	2.01	2.09	2.16
RNAP_peak+_917	2751520	3.12	2.97	2.80	2.55	2.84
RNAP_peak+_918	2752845	4.63	3.41	3.17	2.85	3.40
RNAP_peak+_919	2753395	4.82	4.50	3.85	3.87	4.52
RNAP_peak+_920	2754045	3.47	4.24	3.80	3.81	4.24
RNAP_peak+_921	2755895	2.49	1.19	1.60	1.69	1.58
RNAP_peak+_922	2756675	2.25	0.29	0.95	1.22	1.09
RNAP_peak+_923	2756875	2.00	0.47	0.81	1.15	1.00
RNAP_peak+_924	2763861	3.63	2.27	3.25	2.92	2.77
RNAP_peak+_925	2764486	4.19	3.12	3.61	3.23	3.06
RNAP_peak+_926	2765542	2.28	2.61	2.76	2.59	2.46
RNAP_peak+_927	2769792	2.03	1.08	2.56	2.12	1.51
RNAP_peak+_928	2771417	3.07	1.43	2.32	2.78	2.61
RNAP_peak+_929	2773292	2.29	1.09	2.52	1.89	1.86
RNAP_peak+_930	2773642	2.16	0.57	1.75	1.35	1.25
RNAP_peak+_931	2775817	2.16	0.75	1.38	1.22	1.48
RNAP_peak+_932	2776868	1.11	0.52	1.40	0.78	1.01
RNAP_peak+_933	2784749	2.73	0.31	0.92	1.41	1.10
RNAP_peak+_934	2786826	1.60	0.21	0.94	1.37	1.40
RNAP_peak+_935	2789001	1.13	-0.54	0.11	1.60	0.31
RNAP_peak+_936	2793702	1.13	0.64	1.59	1.86	1.24
RNAP_peak+_937	2795002	3.35	1.01	3.30	2.95	2.53
RNAP_peak+_938	2796827	4.72	2.07	3.87	3.72	2.50
RNAP_peak+_939	2798277	3.87	0.55	4.22	3.32	2.56

RNAP_peak+_940	2798677	3.36	0.57	4.22	3.04	2.86
RNAP_peak+_941	2802703	4.24	0.90	2.42	2.73	2.16
RNAP_peak+_942	2806278	0.59	0.88	0.97	0.44	0.95
RNAP_peak+_943	2807403	2.63	2.37	1.92	1.37	1.74
RNAP_peak+_944	2808828	1.90	2.91	1.47	2.05	2.76
RNAP_peak+_945	2810103	1.65	1.56	1.02	0.90	0.96
RNAP_peak+_946	2812781	3.50	2.40	2.54	3.20	3.37
RNAP_peak+_947	2823806	1.84	0.82	1.42	0.82	0.95
RNAP_peak+_948	2826581	1.03	1.41	1.63	0.79	1.38
RNAP_peak+_949	2827081	1.46	0.44	1.51	0.78	1.17
RNAP_peak+_950	2827781	0.98	0.45	1.33	0.58	1.00
RNAP_peak+_951	2830731	2.37	-0.12	0.95	2.15	0.88
RNAP_peak+_952	2835206	2.37	0.69	1.19	1.21	1.00
RNAP_peak+_953	2837306	1.37	1.44	1.54	1.56	1.56
RNAP_peak+_954	2848581	2.27	2.65	2.17	4.44	3.34
RNAP_peak+_955	2850731	2.17	1.09	1.10	0.74	0.72
RNAP_peak+_956	2852356	1.31	0.58	2.07	1.49	1.35
RNAP_peak+_957	2855081	1.78	0.46	0.92	0.66	0.92
RNAP_peak+_958	2857932	2.06	1.10	1.24	1.33	1.20
RNAP_peak+_959	2859232	2.67	0.71	1.66	0.44	1.29
RNAP_peak+_960	2865807	2.98	4.46	3.75	3.92	4.35
RNAP_peak+_961	2874532	3.33	3.00	2.00	2.44	3.46
RNAP_peak+_962	2890078	1.96	3.12	1.47	1.53	3.49
RNAP_peak+_963	2898303	0.81	0.82	1.89	0.88	1.73
RNAP_peak+_964	2902013	3.32	1.22	2.14	2.51	2.06
RNAP_peak+_965	2903663	3.79	1.39	1.87	2.60	2.09
RNAP_peak+_966	2912938	2.56	2.04	2.14	2.58	2.50
RNAP_peak+_967	2923363	3.91	2.92	3.17	3.42	3.48
RNAP_peak+_968	2924288	1.86	1.81	2.06	2.31	2.27
RNAP_peak+_969	2925790	1.74	1.45	2.55	1.88	1.92
RNAP_peak+_970	2936565	0.93	0.65	1.18	0.89	1.20
RNAP_peak+_971	2940673	3.55	1.82	2.67	2.34	2.40
RNAP_peak+_972	2941223	3.67	1.68	2.44	2.20	2.11
RNAP_peak+_973	2942348	1.52	1.71	1.71	1.63	1.33
RNAP_peak+_974	2943898	1.90	2.57	1.90	1.64	2.21
RNAP_peak+_975	2945498	3.71	5.79	4.55	4.87	4.32
RNAP_peak+_976	2946948	2.67	3.63	3.86	2.39	1.92
RNAP_peak+_977	2967450	3.57	2.08	2.20	2.07	2.32
RNAP_peak+_978	2968400	1.97	2.34	2.46	2.62	2.33
RNAP_peak+_979	2969300	3.42	2.08	2.81	2.64	3.19
RNAP_peak+_980	2969550	3.20	2.13	2.87	2.74	3.01
RNAP_peak+_981	2974553	2.53	1.05	1.60	1.69	2.07
RNAP_peak+_982	2976978	1.01	1.58	0.78	0.33	1.72
RNAP_peak+_983	2980478	2.00	1.10	1.49	1.41	1.46
RNAP_peak+_984	2981553	1.87	0.87	1.89	1.32	1.06
RNAP_peak+_985	2983580	1.12	2.07	1.10	0.60	1.52
RNAP_peak+_986	2985505	2.86	0.66	1.30	2.15	1.31
RNAP_peak+_987	2986280	2.42	0.57	1.04	1.73	1.37
RNAP_peak+_988	2987730	2.59	0.54	0.83	1.97	1.29
RNAP_peak+_989	2989121	2.32	0.78	1.05	2.05	1.62
RNAP_peak+_990	2990096	1.08	0.52	0.71	1.84	1.21
RNAP_peak+_991	2991296	2.34	0.48	1.13	1.95	1.58
RNAP_peak+_992	2991996	1.62	0.61	1.01	1.92	1.23
RNAP_peak+_993	2994425	2.58	1.50	2.17	2.07	2.33
RNAP_peak+_994	2998050	3.11	2.55	2.40	2.49	2.51
RNAP_peak+_995	3003550	2.40	0.33	1.14	1.74	1.16
RNAP_peak+_996	3013179	3.64	0.78	2.87	2.76	2.43
RNAP_peak+_997	3013854	2.29	1.25	2.97	2.80	2.36
RNAP_peak+_998	3029177	0.60	0.18	1.04	1.11	1.33
RNAP_peak+_999	3031127	2.61	0.90	1.97	1.84	1.44
RNAP_peak+_1000	3037902	3.78	2.33	1.97	1.98	2.31
RNAP_peak+_1001	3039077	3.83	2.42	2.66	2.79	2.75
RNAP_peak+_1002	3041627	3.05	1.40	2.08	2.90	1.98

RNAP_peak+_1003	3053527	5.09	4.18	3.60	4.02	4.14
RNAP_peak+_1004	3053727	5.27	4.45	3.94	4.15	4.54
RNAP_peak+_1005	3054752	3.80	4.28	3.79	4.46	4.18
RNAP_peak+_1006	3057777	2.24	1.96	1.65	2.00	1.84
RNAP_peak+_1007	3064983	2.06	1.22	2.42	2.62	1.66
RNAP_peak+_1008	3079771	3.31	2.58	2.12	1.66	2.27
RNAP_peak+_1009	3084249	3.42	3.95	4.16	2.10	2.73
RNAP_peak+_1010	3084424	3.48	3.99	4.23	1.99	2.56
RNAP_peak+_1011	3086124	2.17	2.26	3.51	1.79	2.39
RNAP_peak+_1012	3089474	1.35	1.72	2.06	2.21	1.96
RNAP_peak+_1013	3091049	1.48	1.96	1.48	2.04	2.10
RNAP_peak+_1014	3092999	2.29	1.06	1.05	1.11	0.79
RNAP_peak+_1015	3094599	0.94	1.73	2.24	0.92	1.65
RNAP_peak+_1016	3096374	1.44	1.92	1.75	0.95	1.76
RNAP_peak+_1017	3098649	1.38	1.00	1.86	1.50	1.23
RNAP_peak+_1018	3100849	2.80	2.00	1.98	1.51	1.54
RNAP_peak+_1019	3102049	1.80	1.52	1.50	0.75	1.34
RNAP_peak+_1020	3103699	1.17	1.52	1.20	0.91	1.38
RNAP_peak+_1021	3107438	1.86	3.38	2.34	1.65	2.25
RNAP_peak+_1022	3108238	3.04	4.74	3.19	2.87	3.06
RNAP_peak+_1023	3109188	3.54	4.63	3.65	2.69	3.24
RNAP_peak+_1024	3119313	2.81	1.18	2.13	2.03	2.09
RNAP_peak+_1025	3126263	3.01	1.39	0.06	0.67	0.53
RNAP_peak+_1026	3128213	2.92	1.98	2.00	2.31	1.87
RNAP_peak+_1027	3132088	1.05	0.13	0.63	0.81	0.64
RNAP_peak+_1028	3136688	2.00	0.77	1.54	1.32	1.66
RNAP_peak+_1029	3145863	1.17	0.44	1.34	1.70	0.99
RNAP_peak+_1030	3147438	2.04	1.95	1.88	1.56	2.30
RNAP_peak+_1031	3150088	1.95	1.81	1.60	2.44	3.99
RNAP_peak+_1032	3151463	3.08	2.17	2.58	2.63	2.81
RNAP_peak+_1033	3153222	2.33	1.03	1.94	2.16	1.72
RNAP_peak+_1034	3156047	2.70	0.94	1.39	1.26	1.01
RNAP_peak+_1035	3167799	1.16	0.43	1.46	1.39	0.81
RNAP_peak+_1036	3170552	3.18	1.45	1.67	2.46	1.68
RNAP_peak+_1037	3171152	2.59	2.03	2.44	2.99	2.46
RNAP_peak+_1038	3175027	2.78	2.96	2.80	2.81	2.86
RNAP_peak+_1039	3175852	3.71	2.66	2.95	3.70	3.26
RNAP_peak+_1040	3177727	1.49	2.27	2.35	2.05	2.47
RNAP_peak+_1041	3178852	1.68	1.87	2.16	2.27	2.31
RNAP_peak+_1042	3180552	2.05	1.58	2.04	2.26	2.38
RNAP_peak+_1043	3182752	4.04	3.81	3.52	3.64	4.13
RNAP_peak+_1044	3183402	2.16	2.34	2.01	2.05	2.26
RNAP_peak+_1045	3183977	1.39	0.95	1.18	1.76	1.14
RNAP_peak+_1046	3184152	1.96	1.05	1.70	1.60	1.41
RNAP_peak+_1047	3185652	3.21	1.40	2.30	2.63	2.42
RNAP_peak+_1048	3190202	3.47	1.13	2.47	2.83	2.18
RNAP_peak+_1049	3199127	2.61	1.20	1.80	1.45	1.88
RNAP_peak+_1050	3199827	2.40	1.92	2.27	2.31	2.40
RNAP_peak+_1051	3202552	2.24	1.58	2.41	1.68	1.79
RNAP_peak+_1052	3203927	1.87	1.29	1.93	2.08	1.44
RNAP_peak+_1053	3208702	3.71	4.99	4.38	3.58	4.03
RNAP_peak+_1054	3210627	3.01	3.16	3.79	2.46	2.64
RNAP_peak+_1055	3213477	4.34	3.24	4.35	2.19	3.30
RNAP_peak+_1056	3214477	1.29	1.84	1.88	1.08	1.67
RNAP_peak+_1057	3217402	3.91	1.21	1.17	3.45	1.76
RNAP_peak+_1058	3219478	1.19	0.12	0.63	2.13	1.25
RNAP_peak+_1059	3224428	1.30	-0.24	0.72	0.60	0.40
RNAP_peak+_1060	3225453	1.45	-0.51	0.21	0.43	-0.02
RNAP_peak+_1061	3233953	2.68	1.08	1.40	1.12	1.47
RNAP_peak+_1062	3235428	1.72	1.17	1.78	0.93	1.41
RNAP_peak+_1063	3236178	2.76	2.84	3.69	1.80	2.61
RNAP_peak+_1064	3236578	2.41	2.91	3.53	1.77	2.80
RNAP_peak+_1065	3237853	2.65	1.44	2.55	2.29	2.70

RNAP_peak+_1066	3243070	0.82	0.16	1.64	0.90	0.88
RNAP_peak+_1067	3244598	2.74	1.88	3.09	2.81	2.73
RNAP_peak+_1068	3245448	3.36	2.57	3.35	3.25	2.66
RNAP_peak+_1069	3246923	2.89	2.08	2.98	3.00	2.50
RNAP_peak+_1070	3248673	2.70	0.53	2.48	2.31	1.33
RNAP_peak+_1071	3248998	3.14	0.57	2.07	1.89	1.52
RNAP_peak+_1072	3250373	2.90	1.19	2.65	2.94	2.14
RNAP_peak+_1073	3250898	1.90	1.49	2.65	2.83	2.15
RNAP_peak+_1074	3252374	2.28	1.29	2.06	1.47	1.44
RNAP_peak+_1075	3253024	1.53	1.48	1.34	0.75	1.20
RNAP_peak+_1076	3265351	2.71	0.73	1.36	1.50	1.46
RNAP_peak+_1077	3266001	3.38	0.53	1.00	1.92	1.17
RNAP_peak+_1078	3267426	1.97	1.31	1.33	1.74	1.47
RNAP_peak+_1079	3273270	0.68	0.23	1.23	0.96	0.89
RNAP_peak+_1080	3275070	1.71	1.28	2.57	1.98	1.49
RNAP_peak+_1081	3276695	1.61	1.90	2.26	2.15	2.44
RNAP_peak+_1082	3281846	2.15	0.72	1.95	1.43	1.11
RNAP_peak+_1083	3285721	4.03	0.78	1.33	1.78	1.29
RNAP_peak+_1084	3291371	3.19	2.23	2.75	2.64	2.90
RNAP_peak+_1085	3293821	2.09	2.18	1.42	1.20	2.17
RNAP_peak+_1086	3294346	1.67	2.25	1.42	1.28	1.58
RNAP_peak+_1087	3296771	2.17	0.28	1.06	1.11	0.55
RNAP_peak+_1088	3297746	1.68	1.30	1.98	1.84	1.22
RNAP_peak+_1089	3299296	2.59	1.66	3.28	2.80	3.53
RNAP_peak+_1090	3301421	0.79	0.74	2.14	1.08	1.35
RNAP_peak+_1091	3309171	2.40	4.01	3.53	2.72	3.24
RNAP_peak+_1092	3316371	5.24	5.13	5.18	5.14	4.72
RNAP_peak+_1093	3325721	4.68	3.57	4.12	3.81	3.63
RNAP_peak+_1094	3326696	3.74	3.88	3.62	3.75	3.88
RNAP_peak+_1095	3331446	4.54	5.25	4.36	3.65	3.73
RNAP_peak+_1096	3338247	3.57	2.82	2.35	2.16	2.89
RNAP_peak+_1097	3340297	2.00	2.70	2.46	2.11	2.69
RNAP_peak+_1098	3341297	1.07	2.59	2.30	2.14	2.45
RNAP_peak+_1099	3342722	1.38	2.60	2.96	2.58	2.89
RNAP_peak+_1100	3344222	2.18	2.96	2.06	1.89	3.15
RNAP_peak+_1101	3346497	3.50	3.14	2.92	3.40	3.60
RNAP_peak+_1102	3348579	1.48	3.45	2.66	2.19	3.62
RNAP_peak+_1103	3349804	1.13	1.54	0.41	0.58	0.95
RNAP_peak+_1104	3352079	3.02	4.32	4.38	3.61	4.45
RNAP_peak+_1105	3352479	2.88	4.49	4.33	3.76	4.37
RNAP_peak+_1106	3359354	2.78	2.41	1.50	1.72	2.02
RNAP_peak+_1107	3360129	1.36	1.13	1.52	1.38	1.31
RNAP_peak+_1108	3361029	2.99	1.02	1.92	1.92	1.50
RNAP_peak+_1109	3364779	3.36	1.23	2.05	1.83	1.77
RNAP_peak+_1110	3364904	3.79	1.24	2.12	2.09	2.10
RNAP_peak+_1111	3365854	4.85	1.59	2.83	2.93	2.77
RNAP_peak+_1112	3372684	3.24	1.45	1.87	1.73	1.74
RNAP_peak+_1113	3378284	2.56	2.48	2.72	2.92	2.73
RNAP_peak+_1114	3378659	2.16	2.09	2.66	2.77	2.57
RNAP_peak+_1115	3380334	1.77	2.05	1.70	1.40	1.62
RNAP_peak+_1116	3382434	4.07	3.26	3.05	1.95	2.55
RNAP_peak+_1117	3383453	3.02	2.04	2.64	2.19	2.01
RNAP_peak+_1118	3387053	1.93	0.59	1.70	1.52	1.49
RNAP_peak+_1119	3387403	2.65	1.19	2.15	2.00	2.03
RNAP_peak+_1120	3390953	1.12	1.70	1.44	1.60	2.13
RNAP_peak+_1121	3392478	1.68	1.87	1.23	1.02	1.98
RNAP_peak+_1122	3395853	2.25	2.95	2.43	2.09	2.52
RNAP_peak+_1123	3400553	1.45	1.28	2.08	1.86	1.50
RNAP_peak+_1124	3401353	4.09	1.34	2.58	2.20	2.12
RNAP_peak+_1125	3402553	2.39	1.88	2.44	1.53	2.19
RNAP_peak+_1126	3403328	2.39	2.97	2.22	1.71	2.46
RNAP_peak+_1127	3405481	0.85	1.93	0.77	0.33	1.37
RNAP_peak+_1128	3406681	0.96	0.93	0.66	0.97	0.80

RNAP_peak+_1129	3408231	2.56	2.93	2.64	3.20	2.73
RNAP_peak+_1130	3409631	1.16	2.17	1.36	0.58	1.31
RNAP_peak+_1131	3410331	2.12	1.53	1.53	1.13	0.96
RNAP_peak+_1132	3411706	1.24	0.41	0.94	1.15	1.03
RNAP_peak+_1133	3416332	2.17	1.04	1.25	3.19	1.85
RNAP_peak+_1134	3416557	2.47	1.15	1.24	3.87	2.24
RNAP_peak+_1135	3427182	3.72	5.02	4.18	4.48	3.95
RNAP_peak+_1136	3431607	2.82	2.17	2.60	2.95	2.94
RNAP_peak+_1137	3435907	2.74	2.04	2.59	2.45	2.11
RNAP_peak+_1138	3453547	3.92	0.93	1.67	1.92	1.61
RNAP_peak+_1139	3475399	3.37	2.67	2.92	2.73	3.08
RNAP_peak+_1140	3476449	2.87	2.71	3.04	3.10	3.04
RNAP_peak+_1141	3479174	3.21	2.18	1.81	1.66	2.48
RNAP_peak+_1142	3482074	1.11	1.55	1.12	1.21	1.24
RNAP_peak+_1143	3483774	4.29	2.96	3.30	3.18	3.56
RNAP_peak+_1144	3490424	2.57	2.07	3.24	2.16	2.54
RNAP_peak+_1145	3491924	0.61	0.50	3.24	1.70	1.77
RNAP_peak+_1146	3495660	1.73	0.83	1.66	1.05	0.63
RNAP_peak+_1147	3497460	2.63	1.51	1.99	1.91	1.63
RNAP_peak+_1148	3497710	2.39	0.66	1.65	1.42	1.11
RNAP_peak+_1149	3501960	1.99	0.94	1.33	1.37	1.33
RNAP_peak+_1150	3505562	1.85	0.49	1.24	0.76	0.97
RNAP_peak+_1151	3520787	0.64	1.26	0.85	0.70	1.25
RNAP_peak+_1152	3524337	5.39	3.50	3.16	2.88	3.24
RNAP_peak+_1153	3526887	2.39	1.32	3.20	1.35	1.24
RNAP_peak+_1154	3527162	2.41	1.18	3.70	1.07	1.14
RNAP_peak+_1155	3530637	4.28	1.42	2.16	1.52	1.91
RNAP_peak+_1156	3534638	3.96	1.91	2.73	2.62	2.60
RNAP_peak+_1157	3535363	2.07	1.43	2.27	1.83	2.14
RNAP_peak+_1158	3538088	1.45	1.01	0.91	3.35	4.48
RNAP_peak+_1159	3542938	2.29	0.95	1.58	1.12	1.10
RNAP_peak+_1160	3543388	3.36	0.91	2.89	1.81	1.45
RNAP_peak+_1161	3544538	0.90	0.82	3.26	1.99	1.43
RNAP_peak+_1162	3550838	2.02	2.47	2.15	1.97	2.89
RNAP_peak+_1163	3556439	1.87	0.13	0.80	2.32	0.71
RNAP_peak+_1164	3559889	3.20	2.15	2.21	1.64	1.97
RNAP_peak+_1165	3572847	2.39	3.32	2.99	3.69	3.41
RNAP_peak+_1166	3579122	2.29	0.76	0.68	1.86	2.98
RNAP_peak+_1167	3579897	2.13	0.51	1.28	1.98	1.84
RNAP_peak+_1168	3581269	3.56	1.40	1.91	2.20	2.24
RNAP_peak+_1169	3582145	3.29	3.37	3.14	2.65	3.30
RNAP_peak+_1170	3582320	3.30	1.55	1.75	2.34	1.88
RNAP_peak+_1171	3582620	3.76	0.64	1.64	2.30	1.75
RNAP_peak+_1172	3584995	3.08	0.29	1.90	2.73	1.92
RNAP_peak+_1173	3590420	2.67	2.49	1.08	1.30	2.85
RNAP_peak+_1174	3595974	3.45	2.93	2.61	2.38	3.02
RNAP_peak+_1175	3602149	2.49	2.22	2.26	2.66	2.41
RNAP_peak+_1176	3603624	2.81	2.04	1.95	2.33	2.16
RNAP_peak+_1177	3604424	0.92	1.49	1.58	1.82	1.69
RNAP_peak+_1178	3607049	2.11	2.32	2.88	2.86	2.64
RNAP_peak+_1179	3607999	3.08	2.27	2.20	1.80	2.46
RNAP_peak+_1180	3609874	2.79	1.09	1.64	1.53	1.96
RNAP_peak+_1181	3610899	1.95	1.43	1.57	1.51	1.12
RNAP_peak+_1182	3617299	2.25	0.67	2.00	2.15	1.09
RNAP_peak+_1183	3621899	2.59	0.46	1.36	1.58	1.21
RNAP_peak+_1184	3632849	2.40	0.86	1.33	1.45	1.37
RNAP_peak+_1185	3635449	3.62	2.81	3.12	2.52	2.51
RNAP_peak+_1186	3637774	3.85	2.66	3.97	4.10	3.90
RNAP_peak+_1187	3638849	2.10	1.75	2.99	3.14	3.09
RNAP_peak+_1188	3643349	4.73	1.57	3.97	1.96	2.69
RNAP_peak+_1189	3644199	1.60	1.49	1.64	1.40	1.00
RNAP_peak+_1190	3646199	4.46	2.93	3.57	3.49	3.76
RNAP_peak+_1191	3646460	4.02	2.87	3.29	3.23	3.73

RNAP_peak+_1192	3648160	1.59	0.37	1.42	1.25	1.23
RNAP_peak+_1193	3649135	2.05	0.60	1.46	1.67	1.42
RNAP_peak+_1194	3651660	3.63	0.86	1.50	1.96	2.04
RNAP_peak+_1195	3652610	1.86	0.97	1.52	1.87	1.81
RNAP_peak+_1196	3654685	2.70	1.15	1.08	2.83	2.93
RNAP_peak+_1197	3655860	2.06	0.84	0.99	3.03	2.47
RNAP_peak+_1198	3657160	1.07	0.16	0.46	1.86	1.19
RNAP_peak+_1199	3662760	4.67	1.97	3.12	4.06	2.70
RNAP_peak+_1200	3664210	3.45	1.39	3.05	3.30	2.66
RNAP_peak+_1201	3667335	2.84	0.38	1.79	1.83	1.29
RNAP_peak+_1202	3668885	1.19	0.38	0.46	1.75	0.69
RNAP_peak+_1203	3670340	0.80	0.12	1.69	0.83	1.05
RNAP_peak+_1204	3671440	2.57	0.43	2.09	1.99	1.43
RNAP_peak+_1205	3672540	1.92	1.75	1.88	1.75	2.04
RNAP_peak+_1206	3677140	2.07	2.59	0.75	0.63	0.18
RNAP_peak+_1207	3694516	4.99	3.13	3.51	5.45	4.20
RNAP_peak+_1208	3698216	2.73	2.21	2.30	2.65	2.40
RNAP_peak+_1209	3698441	2.38	2.07	2.47	2.34	2.73
RNAP_peak+_1210	3699641	2.64	1.84	1.25	1.36	1.56
RNAP_peak+_1211	3705944	2.86	3.07	3.00	3.34	3.03
RNAP_peak+_1212	3710769	3.24	0.79	3.31	3.25	2.22
RNAP_peak+_1213	3714319	1.12	0.58	0.94	0.64	0.71
RNAP_peak+_1214	3715244	0.83	1.20	1.40	1.06	1.13
RNAP_peak+_1215	3717294	3.45	3.90	2.86	3.46	3.26
RNAP_peak+_1216	3717844	4.26	4.67	3.53	3.71	4.18
RNAP_peak+_1217	3718644	2.30	5.08	3.00	3.25	3.47
RNAP_peak+_1218	3720069	2.28	1.42	1.40	1.32	1.45
RNAP_peak+_1219	3723844	3.52	2.06	2.67	2.41	2.83
RNAP_peak+_1220	3729721	2.24	0.81	1.46	1.15	1.04
RNAP_peak+_1221	3732721	1.50	0.52	0.65	0.76	0.65
RNAP_peak+_1222	3735101	3.50	3.34	3.61	3.34	3.49
RNAP_peak+_1223	3737726	2.27	2.26	0.90	1.00	1.80
RNAP_peak+_1224	3740776	1.38	0.31	0.70	0.40	0.68
RNAP_peak+_1225	3749926	4.00	0.56	2.09	1.17	1.51
RNAP_peak+_1226	3759952	3.54	1.42	2.08	2.26	2.10
RNAP_peak+_1227	3764177	3.69	0.21	2.37	2.51	1.59
RNAP_peak+_1228	3764852	3.56	0.70	2.26	2.20	1.71
RNAP_peak+_1229	3766252	1.80	0.44	1.60	1.49	1.19
RNAP_peak+_1230	3767402	1.31	0.18	1.05	1.65	1.07
RNAP_peak+_1231	3767852	1.80	1.08	1.68	2.30	1.94
RNAP_peak+_1232	3770077	1.99	0.54	2.28	2.08	1.76
RNAP_peak+_1233	3772377	1.30	1.23	1.36	1.42	1.41
RNAP_peak+_1234	3774502	3.02	1.68	3.18	2.66	2.44
RNAP_peak+_1235	3775202	1.58	1.47	2.00	1.61	1.78
RNAP_peak+_1236	3779077	1.65	1.13	0.97	1.08	1.06
RNAP_peak+_1237	3783102	3.49	2.38	3.38	3.08	3.30
RNAP_peak+_1238	3784877	1.90	2.55	2.53	1.84	1.88
RNAP_peak+_1239	3785877	0.72	2.25	1.50	1.53	1.74
RNAP_peak+_1240	3791802	4.70	2.40	2.72	2.55	2.87
RNAP_peak+_1241	3794927	3.14	2.19	2.27	1.95	2.16
RNAP_peak+_1242	3806206	4.34	2.39	2.40	2.32	2.51
RNAP_peak+_1243	3807256	1.65	2.41	1.71	1.42	1.45
RNAP_peak+_1244	3810656	3.27	2.98	2.01	2.12	2.05
RNAP_peak+_1245	3811681	2.21	2.19	1.63	1.39	1.45
RNAP_peak+_1246	3814506	2.24	1.92	1.65	1.19	1.42
RNAP_peak+_1247	3815656	0.80	1.15	1.14	1.18	1.17
RNAP_peak+_1248	3819431	3.77	2.81	2.97	3.23	3.14
RNAP_peak+_1249	3820106	2.60	3.67	3.14	3.32	2.96
RNAP_peak+_1250	3826931	3.19	3.41	1.91	1.71	1.87
RNAP_peak+_1251	3828406	1.11	2.82	1.30	1.65	1.73
RNAP_peak+_1252	3834281	2.67	2.38	1.96	2.02	1.62
RNAP_peak+_1253	3834456	2.42	2.31	1.95	1.87	1.84
RNAP_peak+_1254	3835056	2.45	1.01	1.41	1.86	0.76

RNAP_peak+_1255	3836281	2.54	1.09	1.53	1.49	1.20
RNAP_peak+_1256	3837956	2.60	1.17	1.52	2.41	2.13
RNAP_peak+_1257	3841456	1.67	0.09	0.88	0.91	0.63
RNAP_peak+_1258	3851208	5.25	3.51	2.97	3.47	3.74
RNAP_peak+_1259	3851783	3.12	2.45	1.60	2.27	1.76
RNAP_peak+_1260	3854283	2.25	0.59	1.36	1.36	1.03
RNAP_peak+_1261	3856933	0.64	-0.31	0.40	0.09	-0.02
RNAP_peak+_1262	3858508	2.79	0.05	1.23	1.04	0.87
RNAP_peak+_1263	3865658	4.37	1.22	4.58	2.49	2.29
RNAP_peak+_1264	3867408	0.55	0.10	0.70	0.46	0.45
RNAP_peak+_1265	3873568	2.52	1.19	1.68	1.59	1.72
RNAP_peak+_1266	3882021	4.88	4.69	3.94	3.84	3.75
RNAP_peak+_1267	3883071	2.67	4.70	3.48	2.77	3.02
RNAP_peak+_1268	3884846	1.76	2.63	1.34	1.11	1.84
RNAP_peak+_1269	3886246	0.94	1.55	1.84	1.20	1.36
RNAP_peak+_1270	3886572	0.81	1.65	2.08	1.11	1.30
RNAP_peak+_1271	3888247	1.25	0.12	1.04	0.94	0.73
RNAP_peak+_1272	3891897	2.78	1.41	1.50	2.10	2.20
RNAP_peak+_1273	3894622	3.21	2.93	1.72	1.07	1.83
RNAP_peak+_1274	3895397	2.41	1.69	1.54	1.34	1.45
RNAP_peak+_1275	3902297	2.84	2.13	1.48	1.17	1.14
RNAP_peak+_1276	3920582	3.79	4.28	3.69	2.74	3.45
RNAP_peak+_1277	3925082	2.08	2.31	1.23	2.04	2.89
RNAP_peak+_1278	3929157	2.89	1.43	2.62	2.35	2.71
RNAP_peak+_1279	3931307	0.31	2.72	1.06	0.15	1.99
RNAP_peak+_1280	3935157	1.67	2.52	1.97	1.04	2.03
RNAP_peak+_1281	3936057	1.46	1.84	0.86	0.86	1.15
RNAP_peak+_1282	3939432	4.65	5.65	4.88	5.05	4.60
RNAP_peak+_1283	3944910	2.86	5.61	4.03	2.73	4.59
RNAP_peak+_1284	3945013	2.40	5.83	4.13	2.99	4.84
RNAP_peak+_1285	3946013	1.88	3.61	2.73	2.00	2.42
RNAP_peak+_1286	3946313	2.15	3.15	2.11	1.65	1.70
RNAP_peak+_1287	3948113	4.21	4.27	4.20	4.80	4.90
RNAP_peak+_1288	3956086	1.88	3.76	1.59	0.94	2.20
RNAP_peak+_1289	3958611	3.98	1.98	2.18	2.09	2.11
RNAP_peak+_1290	3963386	3.84	4.05	3.67	3.73	3.64
RNAP_peak+_1291	3963686	4.70	4.29	4.55	4.02	4.64
RNAP_peak+_1292	3964236	4.50	4.70	5.04	4.53	4.90
RNAP_peak+_1293	3965861	3.09	2.94	2.48	2.44	3.11
RNAP_peak+_1294	3966962	1.79	2.53	2.18	2.27	2.25
RNAP_peak+_1295	3968112	1.02	2.19	1.56	1.37	1.46
RNAP_peak+_1296	3978762	0.82	1.88	1.60	1.53	1.61
RNAP_peak+_1297	3980312	3.78	5.91	4.33	2.88	3.94
RNAP_peak+_1298	3980887	2.92	5.85	4.55	2.55	4.17
RNAP_peak+_1299	3984412	4.78	3.67	2.97	3.75	4.10
RNAP_peak+_1300	3988812	3.70	3.26	3.65	3.43	3.59
RNAP_peak+_1301	3989037	3.82	3.47	3.99	3.83	4.20
RNAP_peak+_1302	3992565	1.61	2.25	2.25	2.50	2.78
RNAP_peak+_1303	3995915	2.29	2.49	2.28	2.25	2.04
RNAP_peak+_1304	3999215	2.11	3.11	2.95	2.07	2.28
RNAP_peak+_1305	4002690	2.99	1.99	1.34	1.50	1.63
RNAP_peak+_1306	4003715	1.04	1.54	1.20	0.80	1.10
RNAP_peak+_1307	4007015	3.66	2.04	2.23	2.38	2.61
RNAP_peak+_1308	4009140	3.24	1.66	2.38	0.79	1.80
RNAP_peak+_1309	4010890	1.79	2.80	4.03	0.23	1.96
RNAP_peak+_1310	4014015	3.15	1.85	2.19	2.19	2.20
RNAP_peak+_1311	4016765	2.83	1.89	1.94	1.51	1.73
RNAP_peak+_1312	4019940	2.86	2.74	2.85	2.14	2.95
RNAP_peak+_1313	4023140	4.24	2.76	2.70	2.65	2.27
RNAP_peak+_1314	4028967	4.36	0.70	0.78	0.49	1.32
RNAP_peak+_1315	4031117	0.88	1.71	2.06	1.88	2.18
RNAP_peak+_1316	4033192	4.39	5.11	4.37	4.74	4.09
RNAP_peak+_1317	4040070	2.72	1.75	1.77	1.28	1.65

RNAP_peak+_1318	4040420	3.29	2.01	1.98	1.73	1.69
RNAP_peak+_1319	4041350	2.72	1.61	1.92	1.64	1.74
RNAP_peak+_1320	4042250	1.96	0.96	1.59	1.57	1.47
RNAP_peak+_1321	4044856	3.46	1.45	1.67	2.26	1.53
RNAP_peak+_1322	4047706	3.67	4.16	3.64	4.14	4.10
RNAP_peak+_1323	4049006	5.35	2.37	2.29	3.85	2.33
RNAP_peak+_1324	4049381	4.71	1.92	2.24	3.77	2.40
RNAP_peak+_1325	4056131	4.42	4.44	2.39	4.01	3.85
RNAP_peak+_1326	4059081	1.79	1.11	0.95	0.85	0.74
RNAP_peak+_1327	4060406	1.09	0.64	0.83	0.81	0.73
RNAP_peak+_1328	4073883	2.15	1.09	2.40	2.05	1.64
RNAP_peak+_1329	4076683	2.06	1.12	1.37	2.09	1.48
RNAP_peak+_1330	4077508	1.61	0.83	1.02	1.22	1.22
RNAP_peak+_1331	4083958	4.44	3.28	1.75	1.64	2.73
RNAP_peak+_1332	4084858	1.37	1.66	0.99	1.38	1.04
RNAP_peak+_1333	4098845	3.42	1.34	0.24	0.73	2.44
RNAP_peak+_1334	4100820	2.53	0.95	2.01	1.54	1.51
RNAP_peak+_1335	4103845	3.65	1.92	4.38	2.04	2.90
RNAP_peak+_1336	4104370	3.24	1.91	4.58	1.58	2.97
RNAP_peak+_1337	4105445	2.87	2.47	3.70	2.92	3.29
RNAP_peak+_1338	4106545	1.18	2.10	3.76	2.90	2.88
RNAP_peak+_1339	4107923	0.57	1.17	1.15	1.29	0.98
RNAP_peak+_1340	4110498	2.60	1.31	1.81	2.08	1.66
RNAP_peak+_1341	4110948	2.32	1.21	2.32	2.13	2.11
RNAP_peak+_1342	4116373	3.83	2.26	2.77	2.43	2.72
RNAP_peak+_1343	4120348	3.31	2.22	4.69	2.58	1.97
RNAP_peak+_1344	4124898	3.80	3.94	4.25	3.76	3.53
RNAP_peak+_1345	4126623	3.46	2.48	4.95	1.63	2.53
RNAP_peak+_1346	4130673	2.13	2.64	4.59	0.96	1.35
RNAP_peak+_1347	4131623	2.77	3.08	4.31	2.64	2.97
RNAP_peak+_1348	4134048	0.55	0.60	1.69	0.72	1.20
RNAP_peak+_1349	4148348	1.65	2.84	2.62	2.24	2.74
RNAP_peak+_1350	4151273	1.34	2.82	2.51	2.60	2.19
RNAP_peak+_1351	4152798	0.66	3.07	3.80	1.27	1.22
RNAP_peak+_1352	4156498	1.78	2.62	2.10	1.63	1.88
RNAP_peak+_1353	4158885	4.73	3.00	2.50	2.38	3.66
RNAP_peak+_1354	4161410	2.93	2.04	1.96	1.90	1.99
RNAP_peak+_1355	4163360	3.42	2.94	2.13	2.07	2.47
RNAP_peak+_1356	4164385	4.57	5.79	4.74	4.60	4.64
RNAP_peak+_1357	4170360	3.55	3.46	2.12	2.00	2.49
RNAP_peak+_1358	4173360	4.14	5.64	3.93	3.83	4.41
RNAP_peak+_1359	4175260	2.97	4.72	3.87	2.99	3.48
RNAP_peak+_1360	4176335	3.65	5.31	4.48	4.40	4.70
RNAP_peak+_1361	4177535	4.39	5.46	4.74	4.42	4.79
RNAP_peak+_1362	4179060	1.91	5.01	4.34	3.24	4.16
RNAP_peak+_1363	4187649	1.96	2.50	1.90	1.79	2.05
RNAP_peak+_1364	4194799	2.23	3.02	2.23	2.54	2.36
RNAP_peak+_1365	4195549	2.01	1.71	1.44	1.79	1.54
RNAP_peak+_1366	4196849	2.18	1.81	1.64	1.82	1.74
RNAP_peak+_1367	4197474	2.49	2.21	2.07	1.93	1.95
RNAP_peak+_1368	4198124	2.73	3.03	2.86	2.17	3.15
RNAP_peak+_1369	4201249	1.81	0.00	0.29	0.56	0.44
RNAP_peak+_1370	4206175	4.37	5.57	4.68	4.51	4.19
RNAP_peak+_1371	4211202	1.42	4.35	2.93	1.75	3.67
RNAP_peak+_1372	4212152	1.89	2.71	3.97	0.99	1.71
RNAP_peak+_1373	4213402	2.77	3.19	2.96	2.47	2.39
RNAP_peak+_1374	4216527	1.65	2.62	1.43	1.86	2.15
RNAP_peak+_1375	4221807	2.55	2.88	2.13	2.51	3.30
RNAP_peak+_1376	4225557	1.14	1.76	1.21	1.28	1.73
RNAP_peak+_1377	4228382	1.45	1.55	2.25	1.61	2.03
RNAP_peak+_1378	4231558	2.58	3.79	2.68	2.76	3.64
RNAP_peak+_1379	4233758	1.63	2.50	2.51	2.07	2.09
RNAP_peak+_1380	4238308	1.24	0.26	1.65	2.32	1.28

RNAP_peak+_1381	4244534	0.58	1.30	0.14	-0.08	0.70
RNAP_peak+_1382	4248884	2.23	0.91	1.41	2.08	1.57
RNAP_peak+_1383	4250459	3.98	1.72	2.20	2.26	2.16
RNAP_peak+_1384	4254692	3.99	2.60	2.47	2.44	2.50
RNAP_peak+_1385	4255067	3.70	2.65	2.79	2.92	2.52
RNAP_peak+_1386	4257192	2.73	1.66	1.86	2.08	1.79
RNAP_peak+_1387	4258142	3.78	1.42	1.88	2.46	2.24
RNAP_peak+_1388	4259517	3.23	1.25	1.18	1.56	1.37
RNAP_peak+_1389	4262342	1.96	2.05	2.14	1.62	1.90
RNAP_peak+_1390	4267467	2.62	0.89	1.37	2.31	1.24
RNAP_peak+_1391	4268467	2.08	0.92	1.20	1.69	1.27
RNAP_peak+_1392	4271992	4.36	2.68	4.15	3.79	3.87
RNAP_peak+_1393	4273392	4.31	1.38	2.44	3.94	2.22
RNAP_peak+_1394	4275417	3.65	0.88	1.97	1.73	1.50
RNAP_peak+_1395	4276167	3.94	2.12	2.28	2.52	1.81
RNAP_peak+_1396	4277917	2.04	1.42	1.24	1.33	1.74
RNAP_peak+_1397	4285443	1.03	0.89	1.22	1.31	1.38
RNAP_peak+_1398	4292393	2.00	1.10	2.14	1.58	1.74
RNAP_peak+_1399	4304843	1.47	0.21	1.33	0.86	0.80
RNAP_peak+_1400	4311069	2.04	0.61	1.22	0.98	0.95
RNAP_peak+_1401	4311719	2.10	0.19	1.09	0.88	0.94
RNAP_peak+_1402	4324819	3.06	1.99	2.13	2.82	1.60
RNAP_peak+_1403	4327069	1.49	1.88	0.20	1.07	0.63
RNAP_peak+_1404	4328244	3.75	3.08	3.51	4.29	4.27
RNAP_peak+_1405	4339819	1.30	0.81	1.52	1.29	1.48
RNAP_peak+_1406	4349823	3.41	0.82	1.85	2.17	1.39
RNAP_peak+_1407	4350498	2.51	0.47	2.38	2.29	1.52
RNAP_peak+_1408	4366099	3.20	1.30	3.89	2.20	3.11
RNAP_peak+_1409	4366524	3.87	1.45	4.26	2.67	3.00
RNAP_peak+_1410	4368424	4.57	1.84	4.53	2.57	2.35
RNAP_peak+_1411	4368974	3.35	1.21	5.38	2.31	2.28
RNAP_peak+_1412	4370849	2.15	2.62	3.71	2.64	2.81
RNAP_peak+_1413	4373824	3.93	3.85	3.54	3.67	3.70
RNAP_peak+_1414	4374324	3.78	3.79	3.29	3.32	3.47
RNAP_peak+_1415	4374474	3.83	3.95	3.49	3.46	3.70
RNAP_peak+_1416	4374674	3.83	3.92	3.90	3.61	3.82
RNAP_peak+_1417	4380574	2.93	1.03	3.10	3.67	3.46
RNAP_peak+_1418	4381574	1.86	0.76	1.62	1.78	1.12
RNAP_peak+_1419	4389550	3.05	3.98	3.46	3.56	3.19
RNAP_peak+_1420	4390276	4.07	5.49	4.61	4.77	4.54
RNAP_peak+_1421	4391677	2.74	3.26	2.45	2.06	1.90
RNAP_peak+_1422	4393277	1.84	1.25	1.95	2.41	1.84
RNAP_peak+_1423	4395102	1.82	1.63	1.48	1.84	1.79
RNAP_peak+_1424	4397377	4.24	2.37	4.59	2.60	3.04
RNAP_peak+_1425	4398233	2.60	3.29	4.98	3.77	4.37
RNAP_peak+_1426	4402308	3.50	3.85	3.25	2.74	3.37
RNAP_peak+_1427	4402683	4.21	4.75	4.01	4.00	4.54
RNAP_peak+_1428	4403933	3.93	4.32	3.58	3.50	4.31
RNAP_peak+_1429	4404233	4.00	3.92	3.55	3.66	4.26
RNAP_peak+_1430	4407233	1.35	1.66	1.59	1.38	1.72
RNAP_peak+_1431	4408008	1.75	1.32	1.69	1.79	1.48
RNAP_peak+_1432	4409745	2.44	0.13	1.16	1.31	1.01
RNAP_peak+_1433	4412145	1.68	1.04	1.11	1.26	1.08
RNAP_peak+_1434	4415120	2.25	0.78	1.57	1.63	1.25
RNAP_peak+_1435	4423020	3.42	4.67	3.44	3.58	3.92
RNAP_peak+_1436	4425095	1.65	2.83	1.34	1.48	1.55
RNAP_peak+_1437	4425620	1.22	1.92	1.90	2.40	2.04
RNAP_peak+_1438	4426745	2.75	2.03	2.59	2.74	2.57
RNAP_peak+_1439	4427520	2.35	1.38	1.25	1.57	1.16
RNAP_peak+_1440	4428945	0.94	0.81	2.82	1.15	1.29
RNAP_peak+_1441	4432070	1.26	0.09	0.87	1.34	1.20
RNAP_peak+_1442	4434595	3.23	0.83	2.08	2.07	1.77
RNAP_peak+_1443	4435695	1.39	1.00	2.87	2.40	1.51

RNAP_peak+_1444	4437145	3.20	1.14	2.44	3.17	2.31
RNAP_peak+_1445	4437395	3.22	1.39	2.58	3.53	2.36
RNAP_peak+_1446	4440247	2.62	1.79	2.53	2.28	2.41
RNAP_peak+_1447	4446447	2.42	2.33	2.65	2.45	2.17
RNAP_peak+_1448	4447622	3.07	3.04	2.79	2.33	2.49
RNAP_peak+_1449	4453747	3.80	2.15	1.98	2.33	1.98
RNAP_peak+_1450	4455997	2.56	2.28	1.94	2.31	2.12
RNAP_peak+_1451	4457372	0.91	1.83	2.11	2.48	2.37
RNAP_peak+_1452	4465356	4.34	4.04	4.42	3.11	5.00
RNAP_peak+_1453	4467385	1.45	1.91	2.06	0.45	2.82
RNAP_peak+_1454	4472135	1.23	1.43	2.01	1.52	1.40
RNAP_peak+_1455	4472585	1.99	0.84	1.97	1.31	1.21
RNAP_peak+_1456	4473510	2.23	0.79	1.84	1.88	1.20
RNAP_peak+_1457	4475235	3.14	2.63	4.11	1.61	1.43
RNAP_peak+_1458	4476660	2.91	2.18	3.23	2.37	2.03
RNAP_peak+_1459	4477760	2.80	1.09	1.47	1.98	1.78
RNAP_peak+_1460	4484113	4.09	2.91	3.14	2.62	3.01
RNAP_peak+_1461	4492788	1.65	0.53	1.61	1.36	0.93
RNAP_peak+_1462	4494388	4.08	4.41	3.66	2.65	3.98
RNAP_peak+_1463	4494588	4.03	4.43	3.46	2.52	3.81
RNAP_peak+_1464	4496163	2.73	1.37	1.86	2.01	1.78
RNAP_peak+_1465	4499138	3.45	0.93	0.79	1.15	1.06
RNAP_peak+_1466	4502013	2.33	0.49	1.68	1.39	1.58
RNAP_peak+_1467	4504738	3.14	1.32	2.72	2.09	2.00
RNAP_peak+_1468	4505588	2.31	1.32	2.32	1.90	2.46
RNAP_peak+_1469	4507688	0.94	0.44	1.16	1.06	0.95
RNAP_peak+_1470	4516345	2.92	2.38	2.90	2.67	3.51
RNAP_peak+_1471	4519395	2.98	1.24	2.21	1.88	1.19
RNAP_peak+_1472	4524245	1.90	0.32	2.57	1.10	1.26
RNAP_peak+_1473	4525945	2.92	2.14	2.60	2.65	2.82
RNAP_peak+_1474	4532170	1.88	2.51	2.42	1.91	2.62
RNAP_peak+_1475	4533170	1.98	0.93	1.40	1.35	1.35
RNAP_peak+_1476	4534445	3.14	0.82	2.39	2.00	1.76
RNAP_peak+_1477	4538820	3.62	2.27	3.21	3.18	3.44
RNAP_peak+_1478	4539920	2.74	1.73	2.50	2.63	1.75
RNAP_peak+_1479	4540545	4.27	1.91	3.23	3.16	2.26
RNAP_peak+_1480	4542446	1.79	0.82	1.39	1.55	1.21
RNAP_peak+_1481	4543846	2.06	0.24	1.84	0.99	1.24
RNAP_peak+_1482	4547221	2.44	0.92	1.73	1.73	1.44
RNAP_peak+_1483	4552596	2.57	1.04	2.35	1.44	1.62
RNAP_peak+_1484	4554671	2.76	1.08	1.07	2.38	1.97
RNAP_peak+_1485	4561322	1.55	0.87	1.61	1.79	1.56
RNAP_peak+_1486	4566831	3.25	0.73	3.44	3.59	3.43
RNAP_peak+_1487	4567456	2.89	0.73	2.13	2.45	1.41
RNAP_peak+_1488	4569731	3.24	2.88	2.81	4.07	2.91
RNAP_peak+_1489	4570244	4.13	3.63	4.24	4.61	4.13
RNAP_peak+_1490	4576494	2.28	0.93	1.51	1.55	1.18
RNAP_peak+_1491	4577820	2.31	1.30	1.50	1.54	1.13
RNAP_peak+_1492	4584849	2.19	1.52	2.98	2.50	3.15
RNAP_peak+_1493	4589499	2.99	2.80	2.10	1.77	1.85
RNAP_peak+_1494	4601299	2.99	0.38	1.37	1.72	1.60
RNAP_peak+_1495	4603699	2.73	5.08	2.84	2.10	4.55
RNAP_peak+_1496	4605674	2.56	2.90	2.23	1.85	1.62
RNAP_peak+_1497	4609149	2.98	1.88	1.06	1.17	1.51
RNAP_peak+_1498	4610349	1.25	1.12	1.89	2.43	1.65
RNAP_peak+_1499	4614349	1.19	-0.23	1.43	1.00	0.79
RNAP_peak+_1500	4615374	0.86	-0.26	1.28	0.74	1.64
RNAP_peak+_1501	4617449	3.49	3.30	3.92	4.17	3.89
RNAP_peak+_1502	4619774	2.05	1.17	3.28	1.69	1.60
RNAP_peak+_1503	4622949	1.64	1.90	1.49	1.02	1.34
RNAP_peak+_1504	4625224	1.66	1.59	1.52	1.69	1.40
RNAP_peak+_1505	4628649	3.06	1.86	2.87	2.25	2.47
RNAP_peak+_1506	4630649	2.61	2.41	1.80	2.16	2.63

RNAP_peak+_1507	4631699	2.47	2.26	1.66	1.96	2.16
RNAP_peak+_1508	4633174	4.33	3.19	3.45	3.67	3.44
RNAP_peak+_1509	4636174	0.63	0.93	0.86	0.75	1.01
RNAP_peak+_1510	4638293	4.08	3.17	3.80	3.37	3.29
RNAP_peak+_1511	4638643	4.95	2.91	3.81	3.18	3.34
RNAP_peak-_1	6525	1.44	1.13	1.65	1.39	1.18
RNAP_peak-_2	8025	3.76	2.55	2.82	2.55	3.05
RNAP_peak-_3	10600	1.30	1.03	1.65	1.62	1.31
RNAP_peak-_4	11876	4.63	0.68	4.31	2.83	1.83
RNAP_peak-_5	17251	4.95	2.42	3.22	4.02	3.52
RNAP_peak-_6	20576	3.11	4.49	3.47	3.15	3.57
RNAP_peak-_7	21201	4.72	4.88	4.07	3.91	4.45
RNAP_peak-_8	36359	0.85	0.79	0.91	1.58	1.20
RNAP_peak-_9	37459	0.84	-0.01	0.76	0.04	0.25
RNAP_peak-_10	39859	1.01	0.23	0.88	0.55	0.78
RNAP_peak-_11	42234	0.63	0.57	0.96	1.35	1.35
RNAP_peak-_12	52034	2.22	2.71	1.95	2.00	2.22
RNAP_peak-_13	52659	3.31	2.92	1.61	1.53	2.27
RNAP_peak-_14	55284	1.35	3.10	1.30	2.02	3.06
RNAP_peak-_15	57209	2.96	2.70	2.72	2.78	2.76
RNAP_peak-_16	63484	4.55	1.87	3.92	2.37	2.17
RNAP_peak-_17	65784	2.09	0.37	0.96	0.82	0.72
RNAP_peak-_18	70284	1.00	0.20	2.35	1.21	0.96
RNAP_peak-_19	75784	0.94	1.25	1.18	0.84	1.14
RNAP_peak-_20	77459	2.69	0.95	1.52	1.26	1.10
RNAP_peak-_21	83834	4.47	4.96	3.59	5.21	5.10
RNAP_peak-_22	112709	2.57	2.88	3.49	3.02	2.65
RNAP_peak-_23	113359	4.65	3.92	4.53	4.06	4.18
RNAP_peak-_24	117184	1.17	0.41	0.37	0.62	0.56
RNAP_peak-_25	118709	1.80	1.10	1.38	1.40	1.65
RNAP_peak-_26	121888	3.87	3.14	2.92	2.88	3.25
RNAP_peak-_27	131371	4.56	3.58	1.41	2.35	2.63
RNAP_peak-_28	136496	2.81	3.46	2.34	2.66	2.54
RNAP_peak-_29	136921	3.68	3.56	2.36	2.81	2.79
RNAP_peak-_30	141371	4.16	2.85	2.12	2.31	2.96
RNAP_peak-_31	142596	2.35	3.31	2.70	2.34	3.08
RNAP_peak-_32	146725	2.13	2.74	2.47	1.97	2.62
RNAP_peak-_33	149601	2.98	1.44	2.02	1.69	1.93
RNAP_peak-_34	150676	3.82	0.85	2.56	1.65	1.59
RNAP_peak-_35	152376	2.11	-0.10	1.36	0.96	0.59
RNAP_peak-_36	155276	2.64	0.35	2.07	1.97	1.46
RNAP_peak-_37	156251	1.57	2.16	2.17	1.35	2.19
RNAP_peak-_38	157376	1.49	3.44	1.29	1.69	2.62
RNAP_peak-_39	159326	2.60	3.39	2.89	2.15	2.20
RNAP_peak-_40	160751	3.04	2.47	3.05	2.66	3.01
RNAP_peak-_41	161901	2.48	1.47	1.55	1.39	1.42
RNAP_peak-_42	167401	1.66	1.48	1.30	1.29	3.67
RNAP_peak-_43	174801	4.00	2.11	3.18	3.13	3.31
RNAP_peak-_44	179251	3.45	1.52	1.52	1.47	1.58
RNAP_peak-_45	184282	2.78	1.78	1.67	1.91	1.68
RNAP_peak-_46	186032	0.87	3.30	1.64	2.10	2.57
RNAP_peak-_47	188557	1.96	2.07	1.91	2.03	1.93
RNAP_peak-_48	189607	4.81	3.85	2.97	3.11	3.24
RNAP_peak-_49	214282	3.44	1.95	2.51	2.30	2.29
RNAP_peak-_50	217082	2.18	1.88	1.53	1.19	1.79
RNAP_peak-_51	218832	2.75	2.71	2.92	2.45	2.74
RNAP_peak-_52	219882	3.26	2.77	2.90	2.09	2.71
RNAP_peak-_53	222932	3.63	4.48	3.88	3.08	3.01
RNAP_peak-_54	230987	3.56	1.47	3.49	2.80	2.12
RNAP_peak-_55	234037	3.76	3.39	3.52	2.19	2.94
RNAP_peak-_56	234788	2.29	1.85	2.37	1.98	2.01
RNAP_peak-_57	235938	3.07	2.73	2.22	1.90	2.14
RNAP_peak-_58	239163	2.51	0.46	1.86	1.62	1.25

RNAP_peak_-_59	240213	2.37	0.70	1.83	1.52	1.34
RNAP_peak_-_60	243463	4.23	1.96	1.67	1.96	2.07
RNAP_peak_-_61	245738	2.33	3.55	2.87	2.95	2.93
RNAP_peak_-_62	246513	4.65	2.79	2.80	3.16	2.91
RNAP_peak_-_63	250138	0.67	-0.02	0.21	0.52	0.72
RNAP_peak_-_64	255963	3.56	3.09	2.72	2.65	3.01
RNAP_peak_-_65	259364	3.08	2.43	2.84	2.52	2.63
RNAP_peak_-_66	262289	3.48	4.40	4.57	2.94	4.14
RNAP_peak_-_67	265364	2.17	0.56	0.89	0.60	1.02
RNAP_peak_-_68	268264	3.20	1.53	2.35	2.05	2.20
RNAP_peak_-_69	269489	2.12	1.09	1.85	1.62	1.41
RNAP_peak_-_70	274239	2.89	2.38	1.89	2.54	1.66
RNAP_peak_-_71	278464	3.10	2.91	2.78	2.37	3.16
RNAP_peak_-_72	279339	2.76	1.91	2.63	1.97	2.80
RNAP_peak_-_73	280039	1.91	1.14	1.60	1.06	1.49
RNAP_peak_-_74	288490	1.59	3.13	3.39	1.00	1.19
RNAP_peak_-_75	289490	2.43	3.05	3.94	1.80	2.02
RNAP_peak_-_76	290640	2.74	2.12	2.21	2.14	2.50
RNAP_peak_-_77	292265	4.48	1.27	2.70	2.32	2.00
RNAP_peak_-_78	294790	3.71	2.96	3.55	2.98	3.44
RNAP_peak_-_79	296390	2.89	1.64	3.48	1.52	1.95
RNAP_peak_-_80	301915	3.14	1.26	2.23	3.13	1.84
RNAP_peak_-_81	303490	2.58	1.27	1.80	1.91	1.20
RNAP_peak_-_82	305340	1.43	0.42	1.13	1.11	1.11
RNAP_peak_-_83	309540	1.33	0.29	0.84	1.01	0.81
RNAP_peak_-_84	310590	1.38	0.57	0.87	1.97	1.57
RNAP_peak_-_85	311993	2.89	0.67	1.64	4.21	4.23
RNAP_peak_-_86	312518	1.92	0.45	1.83	3.36	2.96
RNAP_peak_-_87	313093	1.16	0.18	1.42	1.99	1.64
RNAP_peak_-_88	315718	3.38	1.33	1.97	1.52	2.08
RNAP_peak_-_89	316543	3.24	0.58	1.41	1.64	1.16
RNAP_peak_-_90	317893	1.92	0.51	1.60	1.31	1.45
RNAP_peak_-_91	318868	2.98	0.04	1.04	1.27	0.41
RNAP_peak_-_92	324368	2.39	0.42	1.00	1.14	1.19
RNAP_peak_-_93	328718	0.93	1.41	0.69	0.70	1.01
RNAP_peak_-_94	334343	1.47	-0.27	0.57	0.66	0.72
RNAP_peak_-_95	345593	1.43	0.90	2.05	2.12	1.39
RNAP_peak_-_96	347743	0.61	0.17	0.44	2.32	1.66
RNAP_peak_-_97	357943	-0.68	0.18	1.27	0.51	0.61
RNAP_peak_-_98	361193	2.02	0.14	1.38	1.48	1.07
RNAP_peak_-_99	362118	2.46	-0.10	1.79	1.17	1.15
RNAP_peak_-_100	367702	3.06	0.39	0.61	0.57	0.63
RNAP_peak_-_101	377627	1.10	0.54	1.91	0.81	0.67
RNAP_peak_-_102	379356	2.60	0.71	2.34	2.40	2.04
RNAP_peak_-_103	380506	2.08	0.95	1.67	1.51	1.47
RNAP_peak_-_104	381756	2.64	1.54	2.32	2.31	2.37
RNAP_peak_-_105	383056	1.66	-0.10	1.10	1.27	0.72
RNAP_peak_-_106	383981	2.56	0.21	1.30	1.25	0.92
RNAP_peak_-_107	388961	3.89	1.16	1.41	1.62	2.13
RNAP_peak_-_108	392386	1.84	1.27	1.61	1.50	1.83
RNAP_peak_-_109	395561	2.07	1.75	2.35	2.05	2.36
RNAP_peak_-_110	398629	2.82	2.21	1.88	1.59	2.21
RNAP_peak_-_111	400304	3.93	1.84	2.05	3.27	2.32
RNAP_peak_-_112	403055	0.90	0.57	1.34	1.31	0.93
RNAP_peak_-_113	404930	2.48	3.56	2.06	2.88	2.62
RNAP_peak_-_114	407605	2.60	2.65	2.99	2.91	2.63
RNAP_peak_-_115	409305	1.85	1.30	1.52	1.25	0.90
RNAP_peak_-_116	411456	1.44	1.40	1.60	1.21	1.48
RNAP_peak_-_117	416131	1.41	0.91	2.36	1.19	0.76
RNAP_peak_-_118	420106	1.65	1.74	2.15	2.14	2.14
RNAP_peak_-_119	424156	2.27	2.18	2.10	1.87	2.04
RNAP_peak_-_120	431362	1.84	2.14	2.49	1.62	2.21
RNAP_peak_-_121	432037	3.80	2.14	2.09	1.86	2.09

RNAP_peak_-_122	437587	3.28	3.26	3.15	3.46	2.96
RNAP_peak_-_123	439662	1.60	3.11	2.16	2.32	2.73
RNAP_peak_-_124	440662	3.66	2.86	2.42	1.84	2.61
RNAP_peak_-_125	443587	2.81	1.83	2.38	2.29	2.13
RNAP_peak_-_126	445812	1.54	3.12	1.43	1.23	2.55
RNAP_peak_-_127	450912	3.09	3.96	1.37	1.48	2.60
RNAP_peak_-_128	453462	4.00	3.20	3.07	2.62	3.09
RNAP_peak_-_129	458030	3.81	2.68	4.67	3.50	3.00
RNAP_peak_-_130	464830	1.78	1.01	1.09	1.57	1.17
RNAP_peak_-_131	466430	0.73	0.65	0.90	1.27	0.87
RNAP_peak_-_132	474405	3.54	1.61	2.02	2.81	2.01
RNAP_peak_-_133	475580	3.77	3.86	3.22	2.93	3.33
RNAP_peak_-_134	477855	2.49	2.55	1.95	2.25	2.14
RNAP_peak_-_135	478505	3.56	3.31	2.88	2.79	2.65
RNAP_peak_-_136	479280	4.57	4.04	4.13	4.35	3.59
RNAP_peak_-_137	479958	6.12	3.52	4.47	4.33	3.99
RNAP_peak_-_138	484858	2.88	2.69	2.89	2.85	2.80
RNAP_peak_-_139	485283	4.03	2.78	3.20	2.93	3.12
RNAP_peak_-_140	490108	2.43	2.74	2.31	1.84	2.78
RNAP_peak_-_141	490608	2.69	3.56	2.88	1.96	2.94
RNAP_peak_-_142	499133	2.29	1.07	1.04	1.08	0.86
RNAP_peak_-_143	502437	3.70	1.61	2.84	1.36	1.82
RNAP_peak_-_144	504012	1.24	0.54	1.80	1.21	0.98
RNAP_peak_-_145	506464	3.63	2.58	2.48	2.71	2.74
RNAP_peak_-_146	507389	2.38	2.65	2.76	2.57	3.04
RNAP_peak_-_147	510514	3.38	1.79	0.73	2.10	1.71
RNAP_peak_-_148	515114	3.05	0.70	1.84	1.88	1.66
RNAP_peak_-_149	517389	2.71	1.43	4.13	2.28	1.67
RNAP_peak_-_150	518614	1.98	1.70	2.75	2.26	2.43
RNAP_peak_-_151	530639	0.82	0.00	0.74	0.67	0.45
RNAP_peak_-_152	544514	0.85	0.05	0.60	0.69	0.39
RNAP_peak_-_153	545514	1.17	-0.16	0.19	0.59	0.06
RNAP_peak_-_154	552264	2.49	3.45	0.69	0.70	1.43
RNAP_peak_-_155	553839	4.21	2.88	2.74	2.38	2.83
RNAP_peak_-_156	555714	1.16	1.89	1.13	0.81	1.53
RNAP_peak_-_157	557014	2.65	1.60	1.40	1.68	1.70
RNAP_peak_-_158	563714	3.72	3.34	3.04	2.23	2.93
RNAP_peak_-_159	565314	1.56	1.37	1.59	1.54	2.36
RNAP_peak_-_160	567339	4.09	1.49	2.15	1.83	2.07
RNAP_peak_-_161	573791	1.61	2.69	1.77	1.86	2.08
RNAP_peak_-_162	574941	2.74	2.12	2.14	2.33	2.00
RNAP_peak_-_163	576291	4.22	3.25	3.63	3.40	3.61
RNAP_peak_-_164	578174	2.56	2.85	2.60	2.09	2.04
RNAP_peak_-_165	578878	3.52	1.68	3.00	2.36	2.06
RNAP_peak_-_166	579728	1.41	0.72	2.28	1.87	1.66
RNAP_peak_-_167	580915	1.95	0.29	1.48	1.59	0.98
RNAP_peak_-_168	582165	3.25	0.90	2.68	2.85	1.71
RNAP_peak_-_169	584790	3.52	3.72	4.49	3.10	4.10
RNAP_peak_-_170	586165	0.92	1.12	1.86	1.17	1.32
RNAP_peak_-_171	590465	2.41	0.15	1.23	0.79	0.63
RNAP_peak_-_172	592740	1.14	1.34	0.85	0.98	0.75
RNAP_peak_-_173	594745	1.51	1.12	1.81	0.85	1.01
RNAP_peak_-_174	596395	2.01	0.65	1.41	1.24	1.17
RNAP_peak_-_175	603845	1.99	1.36	1.72	1.51	1.64
RNAP_peak_-_176	604695	1.17	1.73	1.49	1.80	1.58
RNAP_peak_-_177	605295	1.76	1.68	1.52	2.17	1.88
RNAP_peak_-_178	606720	3.43	1.66	2.09	3.02	2.84
RNAP_peak_-_179	606970	3.33	1.59	2.17	2.76	2.49
RNAP_peak_-_180	621471	2.08	0.41	0.92	0.74	3.18
RNAP_peak_-_181	623821	1.67	0.95	1.17	1.04	1.97
RNAP_peak_-_182	631571	1.91	2.36	3.35	2.28	2.22
RNAP_peak_-_183	632746	2.25	1.09	3.95	0.79	0.94
RNAP_peak_-_184	635796	1.97	0.28	1.19	1.36	0.85

RNAP_peak_-_185	636971	3.02	1.27	2.12	2.18	1.89
RNAP_peak_-_186	637846	2.69	1.86	2.63	2.33	2.49
RNAP_peak_-_187	641224	3.89	1.45	2.23	2.33	1.87
RNAP_peak_-_188	643306	2.86	2.58	2.52	2.34	3.40
RNAP_peak_-_189	644231	2.34	1.34	1.67	1.87	2.05
RNAP_peak_-_190	650914	3.27	0.75	1.15	2.16	1.81
RNAP_peak_-_191	655574	3.73	2.47	2.60	2.98	2.32
RNAP_peak_-_192	657699	2.35	2.37	2.72	2.84	1.86
RNAP_peak_-_193	659599	3.98	1.90	2.07	1.89	2.17
RNAP_peak_-_194	660699	2.71	1.86	2.44	2.10	1.85
RNAP_peak_-_195	661699	4.34	2.62	4.52	3.11	2.90
RNAP_peak_-_196	661874	4.04	2.68	4.37	2.82	2.73
RNAP_peak_-_197	663130	1.46	2.98	1.77	1.60	2.27
RNAP_peak_-_198	664555	1.31	2.90	1.87	1.42	2.44
RNAP_peak_-_199	668280	3.27	2.76	2.07	1.69	2.21
RNAP_peak_-_200	670230	1.19	2.58	1.25	1.63	1.77
RNAP_peak_-_201	674005	3.97	3.49	3.98	3.47	4.01
RNAP_peak_-_202	675605	2.88	0.92	1.98	1.90	1.51
RNAP_peak_-_203	678655	2.21	0.55	1.99	1.70	1.01
RNAP_peak_-_204	682805	1.63	0.79	1.21	0.95	0.98
RNAP_peak_-_205	685905	0.81	1.85	1.60	2.81	2.21
RNAP_peak_-_206	687105	1.25	2.11	1.42	2.03	1.99
RNAP_peak_-_207	688205	2.84	2.07	1.90	2.07	2.06
RNAP_peak_-_208	691130	0.80	2.49	3.38	2.65	2.52
RNAP_peak_-_209	692555	3.21	2.12	4.91	2.93	2.71
RNAP_peak_-_210	694255	3.40	2.61	2.24	2.41	2.36
RNAP_peak_-_211	696055	3.30	5.68	4.15	3.50	3.87
RNAP_peak_-_212	696305	3.53	5.89	4.34	3.81	4.08
RNAP_peak_-_213	698680	1.16	2.27	2.31	1.88	1.97
RNAP_peak_-_214	699655	0.79	2.74	1.82	1.83	2.21
RNAP_peak_-_215	700980	3.07	2.32	2.42	2.23	2.54
RNAP_peak_-_216	702755	2.47	1.16	1.97	3.27	1.96
RNAP_peak_-_217	709955	4.09	3.87	3.47	3.28	4.01
RNAP_peak_-_218	710805	3.66	3.49	3.02	2.87	3.54
RNAP_peak_-_219	712005	2.98	3.06	3.18	3.07	3.46
RNAP_peak_-_220	715805	2.41	0.42	1.15	1.36	0.92
RNAP_peak_-_221	716105	1.88	0.16	0.94	1.04	0.51
RNAP_peak_-_222	721055	1.66	0.42	1.60	1.51	1.17
RNAP_peak_-_223	723805	2.00	0.30	1.42	1.15	0.84
RNAP_peak_-_224	728205	3.78	1.17	2.60	3.11	2.47
RNAP_peak_-_225	741633	2.26	1.72	2.65	1.38	1.48
RNAP_peak_-_226	747008	2.10	0.86	1.98	1.76	2.60
RNAP_peak_-_227	752058	1.72	2.91	1.17	2.06	2.55
RNAP_peak_-_228	752508	2.01	4.26	0.96	2.77	3.19
RNAP_peak_-_229	753958	4.62	4.67	2.11	2.16	3.62
RNAP_peak_-_230	765083	1.16	1.92	2.57	1.26	1.50
RNAP_peak_-_231	784008	1.63	1.44	2.39	2.10	2.00
RNAP_peak_-_232	784783	3.41	2.55	2.98	3.56	3.28
RNAP_peak_-_233	786808	2.27	2.54	2.29	2.52	3.03
RNAP_peak_-_234	788233	2.05	1.92	2.16	1.86	1.86
RNAP_peak_-_235	791483	3.46	2.38	1.70	1.48	2.41
RNAP_peak_-_236	793158	1.30	2.40	2.06	1.74	2.21
RNAP_peak_-_237	793883	4.27	2.96	2.59	3.04	3.67
RNAP_peak_-_238	797708	2.22	1.15	1.76	1.95	1.52
RNAP_peak_-_239	799908	1.33	0.38	0.85	1.27	0.79
RNAP_peak_-_240	802733	2.17	0.77	1.55	1.47	1.33
RNAP_peak_-_241	806629	1.65	2.09	2.25	1.63	2.09
RNAP_peak_-_242	807229	1.38	1.26	1.99	1.16	1.26
RNAP_peak_-_243	808479	1.82	0.66	3.15	0.29	1.34
RNAP_peak_-_244	816065	4.15	3.14	3.74	3.29	2.75
RNAP_peak_-_245	823615	3.35	0.97	1.71	2.07	1.32
RNAP_peak_-_246	828140	1.51	0.54	0.35	0.99	0.93
RNAP_peak_-_247	829840	2.38	1.37	2.22	1.80	1.77

RNAP_peak_-_248	832365	1.60	1.07	0.33	1.02	0.86
RNAP_peak_-_249	837296	2.93	1.19	2.29	2.56	2.11
RNAP_peak_-_250	837546	3.23	0.89	1.94	2.37	2.03
RNAP_peak_-_251	839121	1.04	0.09	0.28	0.40	0.51
RNAP_peak_-_252	841396	0.71	1.28	1.19	1.44	1.18
RNAP_peak_-_253	844547	2.85	2.33	2.32	3.30	2.99
RNAP_peak_-_254	847322	3.19	3.13	2.49	4.43	3.21
RNAP_peak_-_255	848072	4.25	1.87	2.43	4.63	3.15
RNAP_peak_-_256	849497	4.00	3.19	3.71	4.33	3.84
RNAP_peak_-_257	851922	3.52	4.29	3.41	4.13	4.67
RNAP_peak_-_258	852247	3.89	4.06	3.02	3.92	4.23
RNAP_peak_-_259	855072	4.64	3.76	3.94	3.46	4.00
RNAP_peak_-_260	859200	1.97	0.90	1.10	1.62	1.33
RNAP_peak_-_261	865650	3.84	2.78	2.50	2.87	3.63
RNAP_peak_-_262	877400	2.15	1.59	2.86	4.01	3.55
RNAP_peak_-_263	879700	3.56	1.30	2.95	2.44	2.60
RNAP_peak_-_264	882710	3.98	2.75	3.12	3.94	3.47
RNAP_peak_-_265	886710	1.78	1.27	1.43	1.25	1.75
RNAP_peak_-_266	887335	3.02	1.86	1.79	1.92	2.36
RNAP_peak_-_267	889104	3.64	2.16	3.21	3.37	2.76
RNAP_peak_-_268	890204	2.61	1.22	2.19	1.93	1.49
RNAP_peak_-_269	899932	0.90	2.80	3.21	1.57	1.85
RNAP_peak_-_270	903232	3.36	1.75	3.29	2.81	2.23
RNAP_peak_-_271	903607	3.38	1.20	2.72	2.47	1.95
RNAP_peak_-_272	906107	0.90	1.93	2.08	1.70	2.09
RNAP_peak_-_273	910308	1.03	-0.32	1.77	1.40	0.91
RNAP_peak_-_274	913483	1.16	1.79	1.84	0.96	1.41
RNAP_peak_-_275	914383	2.41	2.37	2.88	3.63	2.00
RNAP_peak_-_276	914533	1.67	2.42	2.59	2.65	2.01
RNAP_peak_-_277	915483	3.40	1.62	2.08	2.74	2.33
RNAP_peak_-_278	918208	3.75	3.13	5.18	4.04	4.82
RNAP_peak_-_279	921860	2.97	2.81	4.07	2.96	3.51
RNAP_peak_-_280	925248	4.35	5.11	4.21	3.91	4.06
RNAP_peak_-_281	925884	5.10	4.44	3.78	3.47	3.66
RNAP_peak_-_282	926809	2.42	2.84	1.95	1.76	1.90
RNAP_peak_-_283	930284	1.37	2.53	2.20	1.95	1.97
RNAP_peak_-_284	931809	3.10	3.18	3.15	2.46	3.38
RNAP_peak_-_285	944809	1.31	1.29	1.34	1.26	1.05
RNAP_peak_-_286	948834	1.68	0.61	1.71	1.90	1.33
RNAP_peak_-_287	950384	2.58	2.29	2.11	2.51	2.24
RNAP_peak_-_288	952734	2.48	2.49	3.92	3.36	3.54
RNAP_peak_-_289	953659	4.44	2.70	5.08	4.37	4.51
RNAP_peak_-_290	955886	2.61	1.83	1.55	1.13	1.52
RNAP_peak_-_291	959486	1.40	2.57	1.28	1.19	2.05
RNAP_peak_-_292	972862	3.25	2.14	2.06	2.07	2.00
RNAP_peak_-_293	984862	3.35	4.05	2.86	3.40	3.21
RNAP_peak_-_294	986313	4.37	4.36	3.43	4.24	3.42
RNAP_peak_-_295	988142	3.88	4.29	3.39	2.93	3.34
RNAP_peak_-_296	989692	3.42	3.69	3.36	3.26	3.59
RNAP_peak_-_297	997042	2.44	0.63	1.56	1.23	1.36
RNAP_peak_-_298	1003818	2.68	2.82	2.05	1.57	1.68
RNAP_peak_-_299	1006743	2.30	2.63	2.14	1.64	1.94
RNAP_peak_-_300	1015593	2.68	3.46	3.73	3.86	2.67
RNAP_peak_-_301	1017568	4.10	3.01	2.99	2.69	3.49
RNAP_peak_-_302	1019443	4.59	4.12	4.40	4.18	4.27
RNAP_peak_-_303	1020168	3.19	2.64	2.60	2.95	2.53
RNAP_peak_-_304	1023643	2.37	1.69	1.49	1.51	1.45
RNAP_peak_-_305	1026393	1.82	1.74	2.55	2.26	2.35
RNAP_peak_-_306	1027018	2.57	1.33	2.98	2.58	1.96
RNAP_peak_-_307	1027961	4.57	2.26	4.00	2.78	2.69
RNAP_peak_-_308	1029236	1.86	2.59	2.48	2.10	1.99
RNAP_peak_-_309	1029937	2.43	3.87	4.41	2.76	3.65
RNAP_peak_-_310	1030687	4.10	5.26	4.77	3.04	4.44

RNAP_peak_-_311	1030862	4.12	5.10	4.51	3.03	4.27
RNAP_peak_-_312	1031462	1.66	4.33	2.87	2.22	2.57
RNAP_peak_-_313	1041737	1.19	0.55	1.24	1.04	0.96
RNAP_peak_-_314	1048987	2.48	3.97	3.24	2.94	3.33
RNAP_peak_-_315	1050012	4.86	4.79	4.35	4.21	4.68
RNAP_peak_-_316	1052712	1.23	0.97	1.49	1.25	1.10
RNAP_peak_-_317	1057187	0.97	0.37	2.41	0.85	1.55
RNAP_peak_-_318	1063262	4.21	1.33	2.15	2.71	2.31
RNAP_peak_-_319	1066862	2.82	0.60	3.73	4.11	2.86
RNAP_peak_-_320	1068887	1.09	-0.20	0.02	2.36	0.40
RNAP_peak_-_321	1073287	1.99	0.80	0.89	3.06	1.29
RNAP_peak_-_322	1078362	1.64	1.93	1.81	2.49	1.94
RNAP_peak_-_323	1080662	1.68	2.01	0.62	0.88	2.20
RNAP_peak_-_324	1084137	4.04	2.83	0.92	1.69	2.31
RNAP_peak_-_325	1085512	2.54	1.35	0.93	1.72	1.37
RNAP_peak_-_326	1091812	3.77	2.23	2.82	4.04	2.81
RNAP_peak_-_327	1094812	1.61	0.32	0.85	1.45	1.06
RNAP_peak_-_328	1096812	3.86	5.02	4.01	3.70	3.79
RNAP_peak_-_329	1102487	2.66	0.96	2.60	3.67	1.77
RNAP_peak_-_330	1108440	3.67	3.15	3.77	3.83	3.70
RNAP_peak_-_331	1113065	2.15	2.43	2.92	2.23	2.58
RNAP_peak_-_332	1114840	2.05	1.68	1.95	2.07	1.80
RNAP_peak_-_333	1115990	3.61	2.56	1.91	1.88	1.89
RNAP_peak_-_334	1118115	1.91	0.64	0.92	1.41	0.73
RNAP_peak_-_335	1118290	1.87	0.76	0.49	1.35	0.71
RNAP_peak_-_336	1119865	3.90	2.11	3.81	2.82	2.10
RNAP_peak_-_337	1120165	4.65	2.51	4.13	3.29	2.49
RNAP_peak_-_338	1120772	3.15	3.05	2.42	2.42	2.00
RNAP_peak_-_339	1122022	3.50	2.83	1.70	1.67	1.90
RNAP_peak_-_340	1123222	2.58	1.69	1.51	1.81	1.66
RNAP_peak_-_341	1124847	2.06	1.79	2.21	3.08	2.68
RNAP_peak_-_342	1129448	1.69	4.29	0.96	1.01	1.02
RNAP_peak_-_343	1130098	1.56	4.26	0.32	0.16	0.38
RNAP_peak_-_344	1143954	4.04	3.90	3.53	3.76	3.78
RNAP_peak_-_345	1145879	4.27	4.93	3.49	3.72	3.94
RNAP_peak_-_346	1156955	3.30	4.25	4.07	3.63	4.63
RNAP_peak_-_347	1160905	3.31	0.96	2.42	1.79	2.04
RNAP_peak_-_348	1168055	4.96	1.51	3.06	3.94	1.94
RNAP_peak_-_349	1169630	1.09	1.69	2.79	1.37	2.00
RNAP_peak_-_350	1173130	1.37	1.38	2.52	1.14	1.41
RNAP_peak_-_351	1174455	2.67	2.48	2.37	1.87	2.26
RNAP_peak_-_352	1180430	1.68	1.75	1.26	0.91	1.43
RNAP_peak_-_353	1184912	1.48	2.44	2.72	2.63	2.68
RNAP_peak_-_354	1187662	3.66	2.61	2.07	2.46	2.64
RNAP_peak_-_355	1189437	3.12	2.75	3.25	3.31	3.47
RNAP_peak_-_356	1192891	1.90	3.36	2.14	2.15	2.52
RNAP_peak_-_357	1194216	3.91	3.84	2.57	2.85	3.18
RNAP_peak_-_358	1196726	2.66	1.72	1.66	2.40	2.03
RNAP_peak_-_359	1197551	2.88	1.21	1.32	2.13	1.53
RNAP_peak_-_360	1200526	1.89	1.20	1.88	2.09	1.59
RNAP_peak_-_361	1202326	3.16	1.73	3.54	2.11	2.53
RNAP_peak_-_362	1202976	3.61	1.49	2.08	1.97	2.22
RNAP_peak_-_363	1207993	2.86	0.88	1.65	1.57	1.42
RNAP_peak_-_364	1209043	2.15	0.36	0.96	1.18	0.76
RNAP_peak_-_365	1211268	2.43	1.14	1.31	1.70	1.56
RNAP_peak_-_366	1212368	4.13	2.47	2.08	1.86	2.37
RNAP_peak_-_367	1213193	3.57	3.16	2.91	3.23	2.90
RNAP_peak_-_368	1214994	4.50	1.72	2.57	2.82	1.89
RNAP_peak_-_369	1222194	2.15	1.07	2.52	1.83	1.24
RNAP_peak_-_370	1225444	3.33	3.15	3.18	3.00	3.46
RNAP_peak_-_371	1225619	3.47	2.80	3.16	2.69	3.26
RNAP_peak_-_372	1226745	3.37	1.99	2.53	3.33	3.28
RNAP_peak_-_373	1229945	1.39	0.48	1.15	1.56	0.88

RNAP_peak_-_374	1232220	2.42	2.70	2.29	2.12	2.04
RNAP_peak_-_375	1234145	3.40	2.56	2.69	2.71	2.99
RNAP_peak_-_376	1236420	3.96	0.35	1.80	3.62	2.93
RNAP_peak_-_377	1242220	2.00	2.48	2.37	2.32	2.06
RNAP_peak_-_378	1243870	3.36	2.67	1.75	1.90	1.55
RNAP_peak_-_379	1246574	1.22	1.63	1.28	1.36	1.20
RNAP_peak_-_380	1250224	1.57	2.08	1.76	0.81	2.24
RNAP_peak_-_381	1255574	2.50	1.96	2.73	3.16	1.98
RNAP_peak_-_382	1256924	2.86	2.37	2.67	1.43	1.92
RNAP_peak_-_383	1257899	4.23	2.84	2.92	3.02	2.74
RNAP_peak_-_384	1260324	1.91	3.87	2.12	2.07	2.65
RNAP_peak_-_385	1261324	3.17	4.37	3.10	2.20	3.28
RNAP_peak_-_386	1262674	3.96	3.14	3.37	3.10	3.52
RNAP_peak_-_387	1268499	3.68	3.27	3.23	3.66	3.31
RNAP_peak_-_388	1268774	4.11	3.16	3.44	3.62	3.71
RNAP_peak_-_389	1269099	3.73	2.99	3.15	3.28	3.22
RNAP_peak_-_390	1269324	4.16	3.14	3.37	3.76	3.52
RNAP_peak_-_391	1269599	3.86	3.06	3.33	3.50	3.31
RNAP_peak_-_392	1269774	3.72	2.78	3.27	3.27	3.32
RNAP_peak_-_393	1271249	3.22	1.55	2.78	4.04	2.25
RNAP_peak_-_394	1272874	2.67	1.87	2.55	3.63	2.72
RNAP_peak_-_395	1277000	1.84	0.84	2.04	1.69	1.46
RNAP_peak_-_396	1286500	3.47	5.25	3.65	2.63	3.53
RNAP_peak_-_397	1286825	3.97	5.80	3.85	3.04	3.92
RNAP_peak_-_398	1288375	4.15	2.91	3.23	3.11	3.16
RNAP_peak_-_399	1289375	2.23	2.27	2.76	2.86	2.55
RNAP_peak_-_400	1292275	4.76	3.03	3.82	3.75	2.73
RNAP_peak_-_401	1297525	4.21	3.03	4.56	3.29	4.41
RNAP_peak_-_402	1306726	3.95	2.91	3.24	3.10	3.53
RNAP_peak_-_403	1308401	2.26	2.48	2.66	3.22	3.12
RNAP_peak_-_404	1308901	2.83	2.60	2.24	2.88	3.56
RNAP_peak_-_405	1310351	1.53	2.21	2.40	2.24	2.43
RNAP_peak_-_406	1311676	2.97	1.83	2.63	2.25	2.33
RNAP_peak_-_407	1314226	1.50	2.25	1.47	2.04	1.87
RNAP_peak_-_408	1318177	1.94	2.95	0.38	2.22	1.95
RNAP_peak_-_409	1321227	1.79	3.36	1.02	3.17	3.19
RNAP_peak_-_410	1327277	3.18	1.93	1.89	1.93	2.28
RNAP_peak_-_411	1328927	3.26	2.74	3.32	2.00	2.25
RNAP_peak_-_412	1337213	3.66	2.58	2.36	2.53	2.38
RNAP_peak_-_413	1341338	3.30	2.52	2.94	2.35	2.47
RNAP_peak_-_414	1342438	2.93	2.19	3.16	2.94	2.88
RNAP_peak_-_415	1342563	2.93	2.01	3.33	2.87	3.19
RNAP_peak_-_416	1344713	0.70	1.82	2.55	2.24	1.91
RNAP_peak_-_417	1347138	2.98	3.03	1.34	1.50	2.03
RNAP_peak_-_418	1349188	3.35	3.10	3.39	3.09	3.30
RNAP_peak_-_419	1354140	1.35	1.89	1.43	1.39	1.39
RNAP_peak_-_420	1355365	2.76	2.34	2.87	2.19	2.52
RNAP_peak_-_421	1355615	2.70	2.38	2.65	1.90	2.77
RNAP_peak_-_422	1358940	2.50	1.17	0.76	1.51	0.96
RNAP_peak_-_423	1365915	2.04	0.87	1.73	2.46	1.82
RNAP_peak_-_424	1381941	3.85	0.87	3.96	1.66	1.27
RNAP_peak_-_425	1386866	3.03	2.75	2.25	2.64	2.64
RNAP_peak_-_426	1388591	1.82	1.56	1.97	2.17	1.98
RNAP_peak_-_427	1390116	1.77	1.45	2.25	2.09	1.56
RNAP_peak_-_428	1393816	3.87	1.29	1.74	2.12	1.35
RNAP_peak_-_429	1396666	2.59	3.91	3.19	3.70	3.59
RNAP_peak_-_430	1397516	3.95	4.47	3.23	3.92	3.59
RNAP_peak_-_431	1398367	1.98	2.17	1.66	1.82	1.64
RNAP_peak_-_432	1403742	2.14	1.85	2.24	2.07	1.65
RNAP_peak_-_433	1405992	3.40	1.19	3.06	2.98	2.40
RNAP_peak_-_434	1407442	2.13	1.38	4.12	4.12	4.27
RNAP_peak_-_435	1410343	1.46	1.08	0.94	1.27	1.08
RNAP_peak_-_436	1415468	2.68	1.20	1.75	1.95	1.90

RNAP_peak_-_437	1415993	1.60	0.72	1.18	1.55	1.23
RNAP_peak_-_438	1416468	2.11	0.70	1.70	1.49	0.91
RNAP_peak_-_439	1417643	2.00	3.33	2.86	2.83	3.20
RNAP_peak_-_440	1418118	3.59	3.36	3.33	3.19	3.85
RNAP_peak_-_441	1421711	2.66	1.57	2.07	2.55	2.13
RNAP_peak_-_442	1424912	3.55	0.65	1.93	3.12	1.89
RNAP_peak_-_443	1426512	2.00	1.29	1.03	1.62	0.80
RNAP_peak_-_444	1431737	3.46	1.58	2.35	3.10	1.94
RNAP_peak_-_445	1432463	4.47	2.53	3.27	3.54	3.15
RNAP_peak_-_446	1433138	2.92	2.52	3.63	3.53	3.09
RNAP_peak_-_447	1433663	2.27	2.13	3.27	3.45	2.74
RNAP_peak_-_448	1434788	2.38	0.71	1.35	1.76	1.20
RNAP_peak_-_449	1438838	3.00	1.66	2.76	3.07	3.05
RNAP_peak_-_450	1439838	1.90	1.70	3.63	2.26	2.54
RNAP_peak_-_451	1441163	3.11	1.34	3.82	1.88	1.76
RNAP_peak_-_452	1445213	1.28	1.04	0.43	0.71	0.75
RNAP_peak_-_453	1467163	2.01	1.01	1.63	1.62	1.25
RNAP_peak_-_454	1480947	3.61	1.13	2.59	1.96	1.83
RNAP_peak_-_455	1488717	4.57	4.00	4.72	5.12	4.64
RNAP_peak_-_456	1489517	3.01	3.06	3.39	3.54	3.48
RNAP_peak_-_457	1490142	4.27	2.85	2.94	3.95	3.07
RNAP_peak_-_458	1493092	2.80	2.76	0.99	1.52	1.56
RNAP_peak_-_459	1498427	3.28	0.98	1.96	2.31	1.86
RNAP_peak_-_460	1501705	1.87	1.93	2.15	2.33	2.07
RNAP_peak_-_461	1504157	3.10	1.73	1.73	1.65	1.51
RNAP_peak_-_462	1507257	2.73	1.67	2.65	1.62	1.44
RNAP_peak_-_463	1515350	3.64	2.84	3.50	2.81	3.02
RNAP_peak_-_464	1517025	1.36	1.46	1.89	2.04	1.90
RNAP_peak_-_465	1521225	2.02	1.06	1.04	1.12	2.95
RNAP_peak_-_466	1524050	2.94	0.64	1.92	2.41	1.42
RNAP_peak_-_467	1531906	1.07	0.59	1.10	1.22	1.24
RNAP_peak_-_468	1534131	0.99	0.30	0.72	0.38	0.77
RNAP_peak_-_469	1542056	2.73	0.00	1.65	2.20	0.99
RNAP_peak_-_470	1544367	1.35	1.01	2.10	1.99	1.22
RNAP_peak_-_471	1545092	1.47	1.11	2.45	1.80	1.70
RNAP_peak_-_472	1550592	1.99	1.50	3.36	2.54	2.12
RNAP_peak_-_473	1552067	1.24	1.16	0.44	0.59	1.42
RNAP_peak_-_474	1553792	4.07	1.68	2.24	2.21	2.33
RNAP_peak_-_475	1554067	4.59	1.05	2.59	2.92	2.62
RNAP_peak_-_476	1554517	4.87	1.31	3.17	3.27	2.67
RNAP_peak_-_477	1560117	0.83	0.22	0.65	3.08	2.12
RNAP_peak_-_478	1565142	3.48	1.42	1.61	2.68	1.86
RNAP_peak_-_479	1566943	1.30	1.25	1.39	1.22	1.36
RNAP_peak_-_480	1568710	2.61	0.93	1.99	2.76	2.00
RNAP_peak_-_481	1570460	2.62	0.87	1.63	1.80	1.45
RNAP_peak_-_482	1574610	2.51	0.43	1.19	0.96	1.11
RNAP_peak_-_483	1577412	2.28	0.45	1.24	0.91	1.38
RNAP_peak_-_484	1580562	1.85	0.94	1.70	2.35	1.18
RNAP_peak_-_485	1581987	1.11	0.16	1.31	1.52	0.95
RNAP_peak_-_486	1584612	1.40	0.79	1.30	1.06	0.72
RNAP_peak_-_487	1585312	1.59	-0.02	1.86	0.98	0.89
RNAP_peak_-_488	1586987	1.65	0.00	2.22	0.61	1.03
RNAP_peak_-_489	1588037	1.52	0.40	3.18	0.69	1.66
RNAP_peak_-_490	1590312	2.35	0.77	2.52	1.50	1.42
RNAP_peak_-_491	1596562	1.87	1.30	1.94	1.59	1.64
RNAP_peak_-_492	1607037	2.67	1.74	2.20	1.45	1.76
RNAP_peak_-_493	1609887	2.04	2.34	1.75	1.90	2.31
RNAP_peak_-_494	1611287	1.57	1.65	1.40	2.20	1.15
RNAP_peak_-_495	1612687	1.21	1.06	1.59	2.39	1.37
RNAP_peak_-_496	1616937	1.88	1.38	2.24	2.66	2.46
RNAP_peak_-_497	1619162	1.85	2.11	1.88	1.60	1.92
RNAP_peak_-_498	1619762	1.68	1.66	1.65	1.51	1.78
RNAP_peak_-_499	1621912	2.39	1.46	3.03	1.83	1.70

RNAP_peak_-_500	1622512	3.00	0.81	2.51	2.30	1.19
RNAP_peak_-_501	1625512	2.51	1.98	2.49	2.23	2.25
RNAP_peak_-_502	1630487	4.52	1.43	2.50	3.22	1.94
RNAP_peak_-_503	1632062	3.95	1.23	2.88	3.27	2.31
RNAP_peak_-_504	1635099	2.14	1.06	2.30	1.69	1.86
RNAP_peak_-_505	1635886	3.32	1.46	2.98	2.32	2.07
RNAP_peak_-_506	1636261	2.72	1.06	2.06	2.25	1.44
RNAP_peak_-_507	1636886	1.96	0.64	1.46	1.89	1.61
RNAP_peak_-_508	1638962	2.75	2.39	1.38	2.94	2.10
RNAP_peak_-_509	1639687	4.04	3.74	2.93	4.28	3.95
RNAP_peak_-_510	1642712	3.01	2.35	2.78	2.20	2.23
RNAP_peak_-_511	1642937	3.05	1.92	2.80	2.16	1.99
RNAP_peak_-_512	1643915	3.00	1.86	3.26	2.14	1.91
RNAP_peak_-_513	1644240	3.24	2.44	3.01	2.14	1.67
RNAP_peak_-_514	1645140	1.95	2.66	2.98	2.33	2.54
RNAP_peak_-_515	1645940	4.00	3.33	2.97	3.22	3.33
RNAP_peak_-_516	1650040	3.74	0.56	1.89	2.14	1.62
RNAP_peak_-_517	1650940	2.69	0.88	1.71	2.05	1.40
RNAP_peak_-_518	1653270	2.71	2.18	2.44	2.28	2.62
RNAP_peak_-_519	1653720	3.85	2.53	2.81	2.72	3.32
RNAP_peak_-_520	1655570	2.91	1.62	3.33	2.69	2.48
RNAP_peak_-_521	1665295	1.14	2.32	4.11	3.75	3.89
RNAP_peak_-_522	1666345	2.71	2.38	4.15	2.51	2.79
RNAP_peak_-_523	1667595	2.69	0.92	1.65	4.42	2.79
RNAP_peak_-_524	1669170	2.49	2.00	2.05	3.31	2.59
RNAP_peak_-_525	1669920	2.70	1.25	2.26	2.31	2.33
RNAP_peak_-_526	1671845	3.99	3.04	3.73	2.95	3.06
RNAP_peak_-_527	1676220	2.95	3.47	2.17	2.28	2.55
RNAP_peak_-_528	1680170	3.34	3.13	3.07	3.06	4.17
RNAP_peak_-_529	1686520	2.16	1.96	1.96	2.38	2.18
RNAP_peak_-_530	1694145	0.64	1.05	1.37	1.46	1.39
RNAP_peak_-_531	1694995	2.77	1.45	2.39	2.42	2.07
RNAP_peak_-_532	1696146	1.91	0.69	2.78	2.05	1.50
RNAP_peak_-_533	1697271	1.43	0.85	2.44	1.07	1.16
RNAP_peak_-_534	1702421	3.93	3.02	3.44	3.70	3.48
RNAP_peak_-_535	1710846	1.49	1.10	2.05	1.27	1.10
RNAP_peak_-_536	1713946	0.92	2.82	2.18	2.01	2.38
RNAP_peak_-_537	1715296	1.97	3.16	2.86	2.93	2.70
RNAP_peak_-_538	1716071	2.44	1.91	1.81	1.80	1.75
RNAP_peak_-_539	1716571	2.42	1.63	1.43	1.51	1.46
RNAP_peak_-_540	1717771	3.96	2.97	4.01	3.31	3.93
RNAP_peak_-_541	1718771	3.24	3.23	4.21	4.19	3.72
RNAP_peak_-_542	1721146	1.20	0.81	0.92	1.00	0.96
RNAP_peak_-_543	1722721	1.79	0.95	1.42	1.80	1.38
RNAP_peak_-_544	1723671	2.35	1.21	2.43	2.72	2.10
RNAP_peak_-_545	1723921	2.82	0.93	2.39	2.67	2.29
RNAP_peak_-_546	1732215	4.21	3.63	3.62	3.69	3.87
RNAP_peak_-_547	1735390	3.16	3.19	2.90	3.25	2.67
RNAP_peak_-_548	1735665	4.15	3.57	3.68	3.42	3.55
RNAP_peak_-_549	1737890	0.88	1.40	1.71	1.31	1.45
RNAP_peak_-_550	1741340	4.09	2.68	3.75	3.84	3.26
RNAP_peak_-_551	1744365	3.63	5.01	4.02	2.44	3.29
RNAP_peak_-_552	1752715	3.49	2.23	3.44	3.23	2.80
RNAP_peak_-_553	1753390	4.91	2.99	3.22	4.29	3.36
RNAP_peak_-_554	1755415	4.65	4.15	4.07	4.24	4.68
RNAP_peak_-_555	1756790	2.89	1.72	2.14	3.06	2.29
RNAP_peak_-_556	1762570	3.66	1.76	1.98	2.45	2.61
RNAP_peak_-_557	1762945	3.86	2.33	2.71	3.19	3.30
RNAP_peak_-_558	1763270	3.91	2.39	2.49	3.10	3.43
RNAP_peak_-_559	1766920	2.41	2.24	2.13	1.88	2.38
RNAP_peak_-_560	1777395	0.98	0.41	1.15	1.39	1.13
RNAP_peak_-_561	1785247	3.97	2.49	1.84	3.21	2.15
RNAP_peak_-_562	1789372	3.79	2.49	2.30	2.97	2.36

RNAP_peak_-_563	1790172	3.51	2.72	3.10	3.29	2.88
RNAP_peak_-_564	1790822	2.10	2.57	3.27	2.86	2.84
RNAP_peak_-_565	1792272	1.84	2.01	1.78	1.96	1.68
RNAP_peak_-_566	1793222	3.33	2.95	2.91	3.01	3.05
RNAP_peak_-_567	1793672	4.19	3.22	3.50	3.27	3.37
RNAP_peak_-_568	1797372	2.76	4.87	4.00	3.47	4.03
RNAP_peak_-_569	1797772	2.48	5.47	4.58	3.93	4.52
RNAP_peak_-_570	1798072	3.03	5.51	4.51	4.12	4.44
RNAP_peak_-_571	1798697	4.10	5.29	4.92	3.98	4.79
RNAP_peak_-_572	1800822	4.09	3.12	2.54	2.73	3.36
RNAP_peak_-_573	1804272	3.29	3.07	2.95	2.62	2.41
RNAP_peak_-_574	1807222	2.90	2.44	2.89	2.47	2.76
RNAP_peak_-_575	1811379	2.42	2.25	2.22	2.40	2.16
RNAP_peak_-_576	1811654	3.09	2.03	2.23	2.27	2.04
RNAP_peak_-_577	1815529	0.92	0.30	0.96	0.69	0.85
RNAP_peak_-_578	1819660	3.19	0.98	2.89	3.05	2.15
RNAP_peak_-_579	1820235	4.20	1.30	3.52	3.79	2.89
RNAP_peak_-_580	1822985	3.31	2.36	1.36	1.22	1.16
RNAP_peak_-_581	1823485	3.05	1.53	1.57	2.26	1.21
RNAP_peak_-_582	1830010	2.71	0.81	1.00	4.35	1.09
RNAP_peak_-_583	1831910	1.86	0.63	2.18	1.68	1.94
RNAP_peak_-_584	1839485	2.23	1.50	1.96	1.89	1.56
RNAP_peak_-_585	1840060	2.41	1.93	2.01	2.47	1.32
RNAP_peak_-_586	1842085	2.76	2.24	1.21	1.57	2.18
RNAP_peak_-_587	1842985	1.88	1.95	1.07	1.69	1.71
RNAP_peak_-_588	1846235	2.95	2.55	2.20	2.35	2.87
RNAP_peak_-_589	1846785	2.41	2.20	2.15	2.07	2.60
RNAP_peak_-_590	1852060	2.42	1.08	1.88	1.41	1.34
RNAP_peak_-_591	1852835	2.55	0.75	2.14	1.36	1.52
RNAP_peak_-_592	1859685	1.43	3.38	3.02	2.43	3.41
RNAP_peak_-_593	1860485	4.70	4.13	4.77	3.82	4.25
RNAP_peak_-_594	1863685	0.96	1.77	1.75	1.53	1.28
RNAP_peak_-_595	1864768	3.48	2.00	2.23	4.99	2.69
RNAP_peak_-_596	1873643	1.34	0.74	1.80	0.96	1.43
RNAP_peak_-_597	1875718	4.37	2.84	2.10	2.49	2.35
RNAP_peak_-_598	1877168	4.00	2.40	3.42	3.51	2.82
RNAP_peak_-_599	1878093	2.21	1.11	1.74	1.96	1.14
RNAP_peak_-_600	1878868	2.68	1.41	2.07	2.18	1.94
RNAP_peak_-_601	1880018	1.17	0.42	1.06	0.99	0.70
RNAP_peak_-_602	1886018	2.64	1.97	1.10	1.30	1.72
RNAP_peak_-_603	1886118	2.70	2.12	0.95	1.29	1.69
RNAP_peak_-_604	1887943	1.62	2.16	1.58	1.53	1.73
RNAP_peak_-_605	1888643	1.18	2.55	0.74	1.36	1.56
RNAP_peak_-_606	1889243	1.07	2.16	1.04	1.12	1.43
RNAP_peak_-_607	1891243	3.21	1.95	1.65	1.51	1.17
RNAP_peak_-_608	1892718	2.12	2.38	2.73	2.96	2.06
RNAP_peak_-_609	1893520	1.88	1.62	1.87	1.64	1.36
RNAP_peak_-_610	1896495	2.02	0.83	3.35	1.53	1.33
RNAP_peak_-_611	1899770	3.15	3.03	3.05	1.51	2.88
RNAP_peak_-_612	1905145	3.52	4.09	3.26	3.60	3.66
RNAP_peak_-_613	1905545	4.11	4.06	3.50	3.78	4.66
RNAP_peak_-_614	1906745	4.54	3.86	3.76	3.22	4.77
RNAP_peak_-_615	1908295	2.87	1.65	2.27	1.94	1.73
RNAP_peak_-_616	1910595	2.46	3.34	4.66	1.91	3.26
RNAP_peak_-_617	1913720	2.39	3.92	3.86	3.85	3.65
RNAP_peak_-_618	1914120	3.13	3.61	3.92	3.79	3.69
RNAP_peak_-_619	1920996	4.15	4.16	3.21	3.88	3.92
RNAP_peak_-_620	1921271	4.39	4.43	3.03	4.10	4.01
RNAP_peak_-_621	1923196	4.21	3.89	4.49	3.10	4.49
RNAP_peak_-_622	1923471	4.03	3.75	4.57	3.32	4.25
RNAP_peak_-_623	1926771	1.90	0.71	1.97	1.42	1.30
RNAP_peak_-_624	1927746	1.68	1.87	2.81	2.05	1.87
RNAP_peak_-_625	1928421	3.02	2.26	2.20	2.18	1.88

RNAP_peak_-_626	1928771	3.64	2.22	2.00	1.89	1.76
RNAP_peak_-_627	1931046	2.02	0.85	1.04	0.96	0.94
RNAP_peak_-_628	1932771	0.60	1.46	2.15	1.29	1.72
RNAP_peak_-_629	1934399	3.19	2.13	2.44	2.79	2.30
RNAP_peak_-_630	1938374	2.09	2.82	1.59	1.99	2.88
RNAP_peak_-_631	1940524	4.03	3.84	1.80	4.72	4.72
RNAP_peak_-_632	1944049	3.22	1.96	2.83	2.63	1.98
RNAP_peak_-_633	1945449	2.17	2.86	2.10	1.79	2.27
RNAP_peak_-_634	1948624	3.06	3.17	3.19	3.37	3.21
RNAP_peak_-_635	1957949	2.64	2.52	2.16	2.16	2.11
RNAP_peak_-_636	1970649	2.03	3.17	0.66	0.50	0.76
RNAP_peak_-_637	1975324	2.39	3.90	0.74	0.52	0.84
RNAP_peak_-_638	1976474	3.08	3.33	2.70	2.52	2.20
RNAP_peak_-_639	1977324	2.96	3.22	2.54	2.61	2.25
RNAP_peak_-_640	1979699	1.68	0.94	2.75	3.31	2.04
RNAP_peak_-_641	1980399	3.50	0.92	2.67	2.77	2.43
RNAP_peak_-_642	1981974	1.09	0.70	1.41	0.80	1.05
RNAP_peak_-_643	1984477	4.15	2.28	4.20	2.46	3.27
RNAP_peak_-_644	1985802	4.30	3.35	2.88	3.01	2.61
RNAP_peak_-_645	1985952	4.50	3.39	2.87	3.15	2.45
RNAP_peak_-_646	1987552	1.75	2.83	2.84	2.68	1.96
RNAP_peak_-_647	1989702	2.78	5.91	4.96	3.06	4.59
RNAP_peak_-_648	1990077	3.44	5.67	4.45	3.87	4.24
RNAP_peak_-_649	1990877	2.44	4.20	2.86	2.36	3.38
RNAP_peak_-_650	1993480	4.57	3.32	3.11	3.86	3.43
RNAP_peak_-_651	1994780	2.96	2.05	3.21	2.59	2.35
RNAP_peak_-_652	1996530	1.14	1.92	2.13	2.39	1.60
RNAP_peak_-_653	1997555	1.94	3.25	2.65	2.87	3.18
RNAP_peak_-_654	1998480	3.11	4.09	2.58	2.72	3.06
RNAP_peak_-_655	1999630	1.36	4.70	1.11	1.36	0.88
RNAP_peak_-_656	2001688	4.13	4.05	1.64	1.80	1.73
RNAP_peak_-_657	2006248	3.05	2.26	2.61	2.54	2.57
RNAP_peak_-_658	2010473	3.29	4.20	1.40	1.84	1.17
RNAP_peak_-_659	2011148	1.35	4.57	0.58	0.85	0.34
RNAP_peak_-_660	2023002	4.58	2.34	2.81	3.46	2.97
RNAP_peak_-_661	2023377	4.36	2.54	2.92	3.59	3.13
RNAP_peak_-_662	2026202	3.14	1.74	2.90	2.89	2.78
RNAP_peak_-_663	2027402	2.82	1.14	2.05	2.04	1.75
RNAP_peak_-_664	2030352	1.58	2.28	2.44	2.83	2.19
RNAP_peak_-_665	2031702	3.64	0.94	2.35	2.80	2.17
RNAP_peak_-_666	2036902	2.41	1.58	2.21	2.24	2.06
RNAP_peak_-_667	2039327	3.20	1.51	1.82	4.70	4.61
RNAP_peak_-_668	2041539	3.47	3.79	3.23	2.17	3.18
RNAP_peak_-_669	2051589	3.22	2.07	2.32	2.81	2.67
RNAP_peak_-_670	2056130	3.53	4.79	3.10	2.73	2.80
RNAP_peak_-_671	2057859	3.74	5.01	4.19	3.74	4.33
RNAP_peak_-_672	2058984	0.83	3.27	1.84	4.21	3.57
RNAP_peak_-_673	2060059	2.45	4.27	2.96	4.69	3.33
RNAP_peak_-_674	2061109	3.15	3.31	2.99	3.36	2.78
RNAP_peak_-_675	2063759	1.57	1.23	1.42	1.56	1.68
RNAP_peak_-_676	2064234	1.33	2.10	1.35	2.39	1.71
RNAP_peak_-_677	2065334	2.90	2.12	2.39	2.30	1.89
RNAP_peak_-_678	2066509	3.99	2.93	3.25	3.68	3.18
RNAP_peak_-_679	2068234	2.03	1.30	1.86	1.88	1.49
RNAP_peak_-_680	2072636	1.46	0.91	0.83	1.10	1.37
RNAP_peak_-_681	2076111	1.33	1.08	1.42	0.99	1.18
RNAP_peak_-_682	2077586	2.32	2.19	2.24	2.39	2.40
RNAP_peak_-_683	2079061	2.06	1.28	2.03	2.15	1.53
RNAP_peak_-_684	2080661	2.53	0.99	1.51	1.43	2.01
RNAP_peak_-_685	2083561	1.86	2.67	1.58	2.50	2.35
RNAP_peak_-_686	2085286	1.90	3.25	2.39	2.36	2.30
RNAP_peak_-_687	2087161	2.56	3.23	3.49	2.95	3.29
RNAP_peak_-_688	2087761	4.20	4.10	4.06	4.05	4.25

RNAP_peak_-_689	2096322	3.25	3.42	2.94	2.48	2.80
RNAP_peak_-_690	2097647	2.70	2.28	2.06	2.57	2.03
RNAP_peak_-_691	2099272	3.39	2.95	2.92	2.74	3.02
RNAP_peak_-_692	2099772	2.50	2.62	1.99	2.42	2.21
RNAP_peak_-_693	2100822	2.86	2.16	1.77	2.46	1.75
RNAP_peak_-_694	2103222	2.59	3.38	1.98	2.68	3.24
RNAP_peak_-_695	2106408	2.21	3.04	1.32	2.20	2.80
RNAP_peak_-_696	2107883	2.86	3.36	1.81	2.11	2.70
RNAP_peak_-_697	2109260	1.54	3.11	2.18	2.08	2.70
RNAP_peak_-_698	2111235	2.68	4.45	2.86	3.30	3.74
RNAP_peak_-_699	2112510	3.75	3.60	3.11	3.09	3.30
RNAP_peak_-_700	2135616	1.92	0.24	1.19	1.48	1.29
RNAP_peak_-_701	2140416	2.16	2.76	2.31	1.97	2.20
RNAP_peak_-_702	2141291	3.33	2.57	2.76	2.19	2.67
RNAP_peak_-_703	2145491	1.41	0.77	0.71	0.85	0.79
RNAP_peak_-_704	2149066	2.11	0.45	1.58	1.59	1.00
RNAP_peak_-_705	2151191	3.23	3.00	2.75	3.07	3.33
RNAP_peak_-_706	2165591	1.06	2.30	1.85	1.25	1.91
RNAP_peak_-_707	2166541	2.93	0.60	2.01	1.43	1.35
RNAP_peak_-_708	2168316	0.87	0.79	1.14	0.94	1.13
RNAP_peak_-_709	2169691	3.69	4.43	2.21	2.01	3.18
RNAP_peak_-_710	2175216	1.33	4.34	4.60	2.95	4.44
RNAP_peak_-_711	2176616	2.55	0.79	1.47	1.56	1.52
RNAP_peak_-_712	2180916	2.71	1.36	1.22	1.31	1.64
RNAP_peak_-_713	2183466	2.93	2.43	2.52	1.34	2.17
RNAP_peak_-_714	2183866	3.08	1.81	1.94	1.17	1.70
RNAP_peak_-_715	2190291	2.67	1.58	2.28	2.60	2.29
RNAP_peak_-_716	2190666	3.77	1.84	2.56	3.15	2.42
RNAP_peak_-_717	2192166	3.33	2.86	2.69	2.36	2.66
RNAP_peak_-_718	2209191	1.09	0.99	1.75	0.93	1.05
RNAP_peak_-_719	2210091	2.41	2.50	2.07	2.18	2.12
RNAP_peak_-_720	2212743	2.09	2.28	2.77	2.53	2.74
RNAP_peak_-_721	2217443	2.82	0.60	2.26	2.15	1.59
RNAP_peak_-_722	2220168	2.95	1.81	2.45	2.49	2.54
RNAP_peak_-_723	2222918	1.93	1.39	2.09	2.69	2.26
RNAP_peak_-_724	2223643	2.91	0.94	1.64	2.61	1.67
RNAP_peak_-_725	2225268	2.04	0.13	1.22	1.65	0.91
RNAP_peak_-_726	2226893	3.81	1.03	2.69	3.16	2.35
RNAP_peak_-_727	2228493	1.99	0.92	1.48	1.49	1.21
RNAP_peak_-_728	2236296	2.70	2.66	1.94	0.71	0.91
RNAP_peak_-_729	2238521	0.87	2.63	0.74	0.15	0.82
RNAP_peak_-_730	2241671	3.89	4.38	2.45	3.00	3.42
RNAP_peak_-_731	2246596	0.98	3.92	1.99	1.10	2.22
RNAP_peak_-_732	2247696	2.60	1.50	1.04	1.43	1.65
RNAP_peak_-_733	2247996	2.22	0.92	0.95	1.23	1.41
RNAP_peak_-_734	2253046	2.78	-0.11	0.77	0.82	0.20
RNAP_peak_-_735	2255171	1.73	0.30	1.04	0.83	1.12
RNAP_peak_-_736	2257196	1.44	0.53	2.42	0.96	0.79
RNAP_peak_-_737	2261571	1.08	2.33	4.24	1.66	3.66
RNAP_peak_-_738	2263346	0.84	2.05	1.99	1.41	1.46
RNAP_peak_-_739	2276271	4.56	4.00	2.48	2.49	3.53
RNAP_peak_-_740	2278571	3.41	2.64	2.63	2.38	2.59
RNAP_peak_-_741	2282097	3.12	3.24	2.83	2.98	2.98
RNAP_peak_-_742	2286313	4.22	1.48	2.32	1.45	2.36
RNAP_peak_-_743	2288138	2.87	1.32	2.25	1.59	1.60
RNAP_peak_-_744	2288288	2.90	1.41	2.87	1.66	1.74
RNAP_peak_-_745	2295888	1.25	1.18	1.20	1.23	1.50
RNAP_peak_-_746	2301713	2.18	1.51	1.65	1.61	1.41
RNAP_peak_-_747	2304925	1.52	1.83	1.52	1.30	1.89
RNAP_peak_-_748	2306975	0.97	0.75	0.30	0.75	0.71
RNAP_peak_-_749	2308575	0.86	0.46	0.96	1.24	0.99
RNAP_peak_-_750	2311025	4.83	2.89	4.02	4.48	3.92
RNAP_peak_-_751	2318150	3.14	1.10	1.50	1.35	1.32

RNAP_peak_-_752	2334650	1.00	2.47	2.99	1.36	2.61
RNAP_peak_-_753	2337525	3.85	3.11	3.55	3.86	3.79
RNAP_peak_-_754	2339925	1.82	0.55	1.09	0.59	0.61
RNAP_peak_-_755	2342325	1.98	0.94	1.82	1.49	1.42
RNAP_peak_-_756	2342800	2.67	1.70	2.63	1.40	1.35
RNAP_peak_-_757	2347650	2.29	1.80	2.16	1.83	2.38
RNAP_peak_-_758	2361704	1.14	0.97	1.32	1.58	1.32
RNAP_peak_-_759	2362329	2.89	1.27	1.45	1.61	1.49
RNAP_peak_-_760	2363804	3.68	1.32	2.16	3.08	1.67
RNAP_peak_-_761	2371479	2.20	2.11	2.84	2.28	3.11
RNAP_peak_-_762	2375054	0.56	1.07	1.19	1.10	0.91
RNAP_peak_-_763	2378679	2.63	1.87	2.64	2.70	2.42
RNAP_peak_-_764	2379079	2.82	1.34	2.13	2.54	2.28
RNAP_peak_-_765	2379579	2.82	1.08	2.15	2.08	2.07
RNAP_peak_-_766	2383830	1.92	0.86	1.79	1.94	1.54
RNAP_peak_-_767	2386430	1.60	0.21	1.06	1.19	1.16
RNAP_peak_-_768	2403355	4.51	4.14	3.00	3.01	3.51
RNAP_peak_-_769	2404897	4.41	2.56	3.83	3.49	3.11
RNAP_peak_-_770	2409422	1.46	1.41	1.93	2.06	2.18
RNAP_peak_-_771	2410672	1.33	2.43	3.01	3.03	2.39
RNAP_peak_-_772	2411772	3.53	2.68	3.77	3.67	3.47
RNAP_peak_-_773	2417822	2.40	1.67	1.57	1.77	1.60
RNAP_peak_-_774	2418522	1.68	1.03	1.63	1.58	1.18
RNAP_peak_-_775	2421097	1.38	1.88	1.80	2.11	1.74
RNAP_peak_-_776	2424872	2.19	2.92	2.16	4.74	3.39
RNAP_peak_-_777	2425872	1.51	2.84	1.08	3.98	2.36
RNAP_peak_-_778	2428672	2.90	4.07	2.23	1.56	2.75
RNAP_peak_-_779	2429672	2.35	2.86	1.82	2.02	1.98
RNAP_peak_-_780	2432122	3.41	3.56	2.78	2.42	2.77
RNAP_peak_-_781	2433397	2.08	2.11	1.67	1.74	1.88
RNAP_peak_-_782	2435247	2.56	1.76	1.82	2.10	1.75
RNAP_peak_-_783	2435872	2.46	2.13	1.87	2.20	2.43
RNAP_peak_-_784	2438347	1.51	2.34	3.12	3.04	2.43
RNAP_peak_-_785	2439672	4.24	1.82	3.90	3.67	3.26
RNAP_peak_-_786	2442447	1.80	2.40	0.65	0.67	1.99
RNAP_peak_-_787	2446473	3.96	2.56	2.16	1.86	1.89
RNAP_peak_-_788	2447798	3.02	2.32	2.96	2.88	3.08
RNAP_peak_-_789	2452473	2.12	0.22	1.04	1.53	0.82
RNAP_peak_-_790	2454023	4.10	2.22	3.13	3.09	2.64
RNAP_peak_-_791	2454923	2.94	2.92	3.05	2.75	2.61
RNAP_peak_-_792	2458675	2.61	1.09	2.52	3.37	2.80
RNAP_peak_-_793	2459175	2.73	1.16	2.19	3.04	2.43
RNAP_peak_-_794	2463228	2.75	2.11	2.02	2.14	1.81
RNAP_peak_-_795	2468603	4.69	2.25	2.62	2.28	2.66
RNAP_peak_-_796	2471653	1.42	-0.14	0.30	0.63	0.38
RNAP_peak_-_797	2475678	1.02	0.66	1.50	1.26	0.94
RNAP_peak_-_798	2481504	4.35	2.99	3.04	4.14	3.67
RNAP_peak_-_799	2486354	3.18	0.91	1.57	1.74	1.21
RNAP_peak_-_800	2488254	2.22	0.02	1.80	1.22	0.82
RNAP_peak_-_801	2491429	1.75	0.24	0.89	1.25	0.74
RNAP_peak_-_802	2492504	1.65	1.45	2.46	2.22	2.11
RNAP_peak_-_803	2493479	4.78	3.48	2.97	3.40	3.99
RNAP_peak_-_804	2494754	1.11	2.81	2.00	1.84	1.89
RNAP_peak_-_805	2496404	3.79	2.45	2.73	3.19	3.21
RNAP_peak_-_806	2507829	2.87	1.07	1.96	2.15	2.37
RNAP_peak_-_807	2510954	3.74	2.35	2.53	2.48	2.79
RNAP_peak_-_808	2516004	3.26	5.29	3.92	2.35	3.58
RNAP_peak_-_809	2516254	3.59	5.07	3.69	2.84	3.28
RNAP_peak_-_810	2518904	3.72	5.63	5.03	3.72	4.54
RNAP_peak_-_811	2520279	1.64	3.31	2.27	1.67	1.57
RNAP_peak_-_812	2525031	2.94	1.48	1.62	1.07	1.50
RNAP_peak_-_813	2528231	2.30	2.74	2.70	2.97	2.52
RNAP_peak_-_814	2529306	3.54	3.41	3.43	3.68	3.70

RNAP_peak_-_815	2535481	2.54	2.35	1.51	1.82	1.75
RNAP_peak_-_816	2541710	1.75	3.12	1.94	1.80	2.70
RNAP_peak_-_817	2542485	1.62	2.53	2.26	1.49	1.95
RNAP_peak_-_818	2548785	2.97	2.25	2.48	2.20	2.41
RNAP_peak_-_819	2550160	4.01	2.86	3.72	2.82	3.61
RNAP_peak_-_820	2556835	0.96	1.65	0.68	0.60	1.26
RNAP_peak_-_821	2559111	2.46	0.66	1.48	1.09	1.49
RNAP_peak_-_822	2570112	1.45	-0.08	0.91	0.77	0.88
RNAP_peak_-_823	2573862	2.08	1.20	1.27	1.64	1.27
RNAP_peak_-_824	2576512	3.50	1.30	2.38	2.62	2.30
RNAP_peak_-_825	2580812	2.31	0.83	1.39	0.78	1.51
RNAP_peak_-_826	2581487	1.74	0.66	1.13	0.89	1.46
RNAP_peak_-_827	2583563	1.68	1.12	2.03	1.92	1.55
RNAP_peak_-_828	2588988	4.92	1.58	2.43	2.83	2.80
RNAP_peak_-_829	2591938	1.29	1.36	1.14	1.25	1.29
RNAP_peak_-_830	2594738	2.05	2.81	2.01	2.32	2.41
RNAP_peak_-_831	2595788	3.31	3.27	2.15	2.61	2.42
RNAP_peak_-_832	2597663	3.42	3.43	3.59	3.71	3.99
RNAP_peak_-_833	2613915	3.60	2.81	2.41	3.09	2.95
RNAP_peak_-_834	2616840	3.54	3.23	2.96	2.07	2.91
RNAP_peak_-_835	2618291	1.88	3.77	1.80	1.75	1.75
RNAP_peak_-_836	2619091	3.22	4.18	2.11	2.33	2.30
RNAP_peak_-_837	2627128	3.77	3.22	4.01	4.20	3.95
RNAP_peak_-_838	2630778	2.27	3.46	1.24	1.64	2.22
RNAP_peak_-_839	2632128	3.81	4.96	4.81	4.74	5.18
RNAP_peak_-_840	2633878	1.01	2.89	2.45	1.83	2.48
RNAP_peak_-_841	2635878	2.86	3.27	2.32	2.36	2.66
RNAP_peak_-_842	2638754	1.88	3.30	1.96	2.06	2.61
RNAP_peak_-_843	2640879	3.17	3.18	3.06	3.07	3.65
RNAP_peak_-_844	2642504	3.52	3.27	1.97	2.12	1.72
RNAP_peak_-_845	2642929	2.72	2.87	1.62	1.51	1.71
RNAP_peak_-_846	2648805	1.18	1.11	0.85	1.66	1.21
RNAP_peak_-_847	2650455	2.73	1.83	1.86	2.38	2.09
RNAP_peak_-_848	2651585	5.04	3.26	3.55	3.93	3.13
RNAP_peak_-_849	2654474	1.12	2.09	1.83	1.68	2.21
RNAP_peak_-_850	2657174	1.28	2.31	1.66	2.22	1.93
RNAP_peak_-_851	2658052	1.51	2.35	2.11	2.42	2.40
RNAP_peak_-_852	2660127	2.34	2.96	2.96	2.61	2.56
RNAP_peak_-_853	2661352	3.72	4.24	3.34	3.67	3.94
RNAP_peak_-_854	2675577	1.43	-0.61	0.29	-0.01	0.23
RNAP_peak_-_855	2677077	2.04	-0.09	1.22	0.85	0.67
RNAP_peak_-_856	2680777	1.02	0.79	1.12	0.92	0.54
RNAP_peak_-_857	2683602	3.62	3.91	1.88	1.54	2.51
RNAP_peak_-_858	2685277	1.93	2.17	1.60	1.55	2.19
RNAP_peak_-_859	2687952	1.79	2.14	1.69	1.80	1.71
RNAP_peak_-_860	2689252	4.40	4.53	3.39	3.42	3.86
RNAP_peak_-_861	2693702	2.35	2.88	1.05	1.05	1.02
RNAP_peak_-_862	2696652	3.45	1.67	2.66	2.47	3.07
RNAP_peak_-_863	2698377	3.98	2.60	2.89	2.80	2.19
RNAP_peak_-_864	2702214	3.33	3.66	2.38	3.02	3.15
RNAP_peak_-_865	2705339	2.59	3.26	2.59	2.14	2.79
RNAP_peak_-_866	2707439	3.03	3.40	3.29	3.64	4.09
RNAP_peak_-_867	2708114	4.79	2.99	3.18	3.79	4.14
RNAP_peak_-_868	2711039	2.71	1.99	1.75	1.57	1.60
RNAP_peak_-_869	2713364	0.72	1.36	2.90	2.15	1.77
RNAP_peak_-_870	2714639	3.25	2.71	4.50	3.68	4.01
RNAP_peak_-_871	2716764	3.97	2.72	2.62	1.96	2.82
RNAP_peak_-_872	2723715	3.35	5.64	3.76	4.14	4.79
RNAP_peak_-_873	2724240	2.15	5.20	3.85	2.59	4.31
RNAP_peak_-_874	2729344	4.40	5.77	4.93	4.77	4.65
RNAP_peak_-_875	2732244	4.44	2.16	4.67	3.07	2.80
RNAP_peak_-_876	2732294	4.53	2.27	4.70	3.08	2.79
RNAP_peak_-_877	2734069	3.09	2.95	3.29	2.94	3.51

RNAP_peak_-_878	2736569	1.72	3.91	1.94	2.26	2.16
RNAP_peak_-_879	2739319	3.66	3.84	2.48	3.50	2.78
RNAP_peak_-_880	2744070	2.55	4.98	3.80	4.08	3.85
RNAP_peak_-_881	2745870	4.40	3.08	2.94	2.63	2.94
RNAP_peak_-_882	2748645	3.33	2.09	4.47	2.80	2.32
RNAP_peak_-_883	2752845	4.63	3.41	3.17	2.85	3.40
RNAP_peak_-_884	2756475	2.31	0.83	1.05	1.31	1.04
RNAP_peak_-_885	2763436	2.88	1.93	3.17	2.80	3.01
RNAP_peak_-_886	2764236	4.04	2.72	3.64	2.88	3.02
RNAP_peak_-_887	2769992	2.29	1.16	2.50	1.88	1.63
RNAP_peak_-_888	2771417	3.07	1.43	2.32	2.78	2.61
RNAP_peak_-_889	2779368	3.74	0.01	2.52	1.91	1.37
RNAP_peak_-_890	2780893	1.67	0.58	1.99	1.10	0.87
RNAP_peak_-_891	2781793	1.69	0.70	1.47	1.58	1.15
RNAP_peak_-_892	2783799	2.04	1.29	2.12	1.63	1.54
RNAP_peak_-_893	2794277	1.94	0.95	2.68	3.29	1.95
RNAP_peak_-_894	2794827	3.11	0.97	3.23	3.26	2.23
RNAP_peak_-_895	2795002	3.35	1.01	3.30	2.95	2.53
RNAP_peak_-_896	2796827	4.72	2.07	3.87	3.72	2.50
RNAP_peak_-_897	2798277	3.87	0.55	4.22	3.32	2.56
RNAP_peak_-_898	2798727	3.41	0.68	4.09	3.16	2.85
RNAP_peak_-_899	2807403	2.63	2.37	1.92	1.37	1.74
RNAP_peak_-_900	2812906	3.59	2.50	2.59	3.36	3.59
RNAP_peak_-_901	2814781	2.43	3.68	2.56	2.43	2.29
RNAP_peak_-_902	2815556	1.77	5.26	4.14	2.60	3.28
RNAP_peak_-_903	2815856	2.90	6.24	4.50	3.27	4.21
RNAP_peak_-_904	2816131	2.87	6.05	4.53	3.42	4.27
RNAP_peak_-_905	2816281	2.96	5.86	4.50	3.10	4.14
RNAP_peak_-_906	2816706	3.99	5.94	4.55	4.28	4.51
RNAP_peak_-_907	2817156	4.45	5.15	4.17	4.18	4.49
RNAP_peak_-_908	2820131	2.00	2.50	2.25	1.75	2.31
RNAP_peak_-_909	2820706	1.37	2.26	1.82	2.00	1.92
RNAP_peak_-_910	2821831	2.82	1.65	1.83	1.67	1.20
RNAP_peak_-_911	2823481	2.29	0.77	1.24	1.03	0.91
RNAP_peak_-_912	2830306	2.11	0.33	1.46	2.60	1.44
RNAP_peak_-_913	2835531	2.33	0.91	1.37	1.40	1.09
RNAP_peak_-_914	2837306	1.37	1.44	1.54	1.56	1.56
RNAP_peak_-_915	2841206	1.53	0.30	0.98	1.01	0.84
RNAP_peak_-_916	2848581	2.27	2.65	2.17	4.44	3.34
RNAP_peak_-_917	2855081	1.78	0.46	0.92	0.66	0.92
RNAP_peak_-_918	2859232	2.67	0.71	1.66	0.44	1.29
RNAP_peak_-_919	2866082	3.42	4.52	3.64	3.90	4.00
RNAP_peak_-_920	2866857	1.87	3.33	2.75	2.77	2.61
RNAP_peak_-_921	2868482	1.63	2.25	1.86	1.58	1.88
RNAP_peak_-_922	2871007	2.20	3.56	2.62	1.99	3.05
RNAP_peak_-_923	2871407	1.88	3.89	1.88	1.63	2.86
RNAP_peak_-_924	2874532	3.33	3.00	2.00	2.44	3.46
RNAP_peak_-_925	2876432	1.60	1.18	1.66	1.42	1.23
RNAP_peak_-_926	2876807	1.13	0.47	1.46	0.88	1.24
RNAP_peak_-_927	2878307	1.81	0.00	1.09	0.62	0.94
RNAP_peak_-_928	2879032	1.23	0.08	1.86	1.07	0.85
RNAP_peak_-_929	2882425	1.16	1.49	2.34	2.37	2.12
RNAP_peak_-_930	2884250	3.51	0.52	1.55	1.32	1.09
RNAP_peak_-_931	2885300	3.27	2.42	1.86	2.22	1.76
RNAP_peak_-_932	2890078	1.96	3.12	1.47	1.53	3.49
RNAP_peak_-_933	2898549	1.27	1.21	2.00	1.40	1.89
RNAP_peak_-_934	2902313	3.86	1.35	2.10	2.84	1.81
RNAP_peak_-_935	2903413	4.28	1.19	1.90	3.10	2.22
RNAP_peak_-_936	2906838	3.18	3.61	3.38	2.79	3.77
RNAP_peak_-_937	2907763	4.05	3.74	3.57	3.11	3.87
RNAP_peak_-_938	2909263	2.29	2.36	2.05	3.34	3.20
RNAP_peak_-_939	2911938	2.34	2.25	1.91	3.88	3.22
RNAP_peak_-_940	2912938	2.56	2.04	2.14	2.58	2.50

RNAP_peak_-_941	2922188	3.70	3.76	2.74	4.56	3.93
RNAP_peak_-_942	2922588	4.47	3.73	3.26	4.51	4.05
RNAP_peak_-_943	2923363	3.91	2.92	3.17	3.42	3.48
RNAP_peak_-_944	2939798	1.46	1.74	2.53	1.97	1.78
RNAP_peak_-_945	2940673	3.55	1.82	2.67	2.34	2.40
RNAP_peak_-_946	2941223	3.67	1.68	2.44	2.20	2.11
RNAP_peak_-_947	2944123	2.46	2.90	2.17	1.96	2.49
RNAP_peak_-_948	2945248	3.35	5.39	4.17	4.42	3.98
RNAP_peak_-_949	2946948	2.67	3.63	3.86	2.39	1.92
RNAP_peak_-_950	2954098	2.55	1.21	0.82	0.79	1.49
RNAP_peak_-_951	2960575	0.56	0.30	0.36	0.69	0.36
RNAP_peak_-_952	2964250	1.90	2.89	2.07	1.61	2.56
RNAP_peak_-_953	2967050	3.33	2.77	2.36	2.63	3.01
RNAP_peak_-_954	2967450	3.57	2.08	2.20	2.07	2.32
RNAP_peak_-_955	2972453	2.45	1.21	0.64	0.90	1.00
RNAP_peak_-_956	2974078	1.93	1.08	1.30	1.44	1.80
RNAP_peak_-_957	2974253	2.44	0.92	1.46	1.73	1.82
RNAP_peak_-_958	2974453	2.47	1.03	1.86	1.86	2.17
RNAP_peak_-_959	2976978	1.01	1.58	0.78	0.33	1.72
RNAP_peak_-_960	2980578	1.91	0.62	1.12	1.31	0.94
RNAP_peak_-_961	2981578	1.80	0.76	1.77	1.39	1.36
RNAP_peak_-_962	2983580	1.12	2.07	1.10	0.60	1.52
RNAP_peak_-_963	2988587	1.63	0.27	0.68	1.76	1.38
RNAP_peak_-_964	2993425	2.69	0.75	1.59	2.81	1.65
RNAP_peak_-_965	2994450	2.68	1.65	2.30	2.39	2.45
RNAP_peak_-_966	2995675	2.10	1.04	1.91	1.76	1.35
RNAP_peak_-_967	2996850	3.52	3.81	3.78	3.37	3.77
RNAP_peak_-_968	2997025	3.83	4.31	3.99	3.21	3.97
RNAP_peak_-_969	2998050	3.11	2.55	2.40	2.49	2.51
RNAP_peak_-_970	3003450	2.23	0.37	1.31	2.29	1.43
RNAP_peak_-_971	3013179	3.64	0.78	2.87	2.76	2.43
RNAP_peak_-_972	3014404	1.93	0.87	1.70	1.88	1.50
RNAP_peak_-_973	3034427	3.56	3.47	3.22	2.95	3.30
RNAP_peak_-_974	3037902	3.78	2.33	1.97	1.98	2.31
RNAP_peak_-_975	3039077	3.83	2.42	2.66	2.79	2.75
RNAP_peak_-_976	3041177	2.67	2.01	2.59	3.29	2.82
RNAP_peak_-_977	3041627	3.05	1.40	2.08	2.90	1.98
RNAP_peak_-_978	3048727	2.53	3.34	1.09	1.75	1.58
RNAP_peak_-_979	3053477	4.94	3.78	3.41	3.32	3.96
RNAP_peak_-_980	3056427	3.09	4.41	3.18	3.42	3.36
RNAP_peak_-_981	3057302	3.28	2.49	1.87	2.00	1.92
RNAP_peak_-_982	3057777	2.24	1.96	1.65	2.00	1.84
RNAP_peak_-_983	3065233	2.14	1.40	2.48	2.79	1.88
RNAP_peak_-_984	3066133	3.10	1.20	2.83	2.53	2.55
RNAP_peak_-_985	3067658	2.68	1.91	3.23	2.62	2.22
RNAP_peak_-_986	3069308	1.39	2.46	2.18	2.03	2.34
RNAP_peak_-_987	3070808	2.90	3.37	3.60	2.71	3.15
RNAP_peak_-_988	3072008	2.78	2.59	3.70	2.12	3.86
RNAP_peak_-_989	3073183	2.53	0.88	1.90	1.43	1.47
RNAP_peak_-_990	3077396	1.11	1.83	0.91	1.38	1.76
RNAP_peak_-_991	3079771	3.31	2.58	2.12	1.66	2.27
RNAP_peak_-_992	3081696	2.41	2.05	1.42	1.82	1.37
RNAP_peak_-_993	3083899	2.13	3.46	3.28	2.70	2.56
RNAP_peak_-_994	3084424	3.48	3.99	4.23	1.99	2.56
RNAP_peak_-_995	3084724	3.27	3.56	4.59	1.58	2.55
RNAP_peak_-_996	3093174	2.15	1.31	1.38	1.07	1.10
RNAP_peak_-_997	3098774	1.37	1.12	1.84	1.52	1.76
RNAP_peak_-_998	3099749	1.60	2.18	1.84	2.11	1.96
RNAP_peak_-_999	3100249	1.16	2.11	2.03	2.03	1.65
RNAP_peak_-_1000	3101174	3.06	1.73	1.89	1.31	1.42
RNAP_peak_-_1001	3107388	1.78	3.23	2.12	1.75	2.06
RNAP_peak_-_1002	3111188	1.93	1.80	2.05	1.27	1.50
RNAP_peak_-_1003	3111838	2.66	1.40	1.68	0.83	1.58

RNAP_peak_-_1004	3112538	1.25	0.96	1.13	0.87	1.13
RNAP_peak_-_1005	3117263	2.95	1.23	3.03	1.83	2.01
RNAP_peak_-_1006	3119313	2.81	1.18	2.13	2.03	2.09
RNAP_peak_-_1007	3122763	0.83	0.02	1.01	0.97	0.51
RNAP_peak_-_1008	3126263	3.01	1.39	0.06	0.67	0.53
RNAP_peak_-_1009	3128213	2.92	1.98	2.00	2.31	1.87
RNAP_peak_-_1010	3132138	1.08	0.43	1.13	0.82	0.91
RNAP_peak_-_1011	3134438	1.51	0.19	1.65	1.43	1.31
RNAP_peak_-_1012	3136688	2.00	0.77	1.54	1.32	1.66
RNAP_peak_-_1013	3140963	1.28	0.42	1.28	1.12	1.33
RNAP_peak_-_1014	3144388	2.20	1.29	3.47	4.26	3.76
RNAP_peak_-_1015	3144788	1.88	1.21	2.68	3.31	2.91
RNAP_peak_-_1016	3145863	1.17	0.44	1.34	1.70	0.99
RNAP_peak_-_1017	3147438	2.04	1.95	1.88	1.56	2.30
RNAP_peak_-_1018	3150088	1.95	1.81	1.60	2.44	3.99
RNAP_peak_-_1019	3153222	2.33	1.03	1.94	2.16	1.72
RNAP_peak_-_1020	3156247	2.68	1.10	1.31	1.35	1.32
RNAP_peak_-_1021	3159247	0.91	2.47	1.25	1.41	1.84
RNAP_peak_-_1022	3160672	0.80	2.43	1.85	1.78	1.82
RNAP_peak_-_1023	3161622	1.92	2.40	2.12	1.85	2.44
RNAP_peak_-_1024	3166524	3.94	1.06	3.83	3.79	2.53
RNAP_peak_-_1025	3167799	1.16	0.43	1.46	1.39	0.81
RNAP_peak_-_1026	3170427	3.06	1.45	1.76	2.27	1.64
RNAP_peak_-_1027	3173627	0.99	2.75	2.41	2.12	2.45
RNAP_peak_-_1028	3174802	2.76	2.87	3.00	2.81	2.83
RNAP_peak_-_1029	3175852	3.71	2.66	2.95	3.70	3.26
RNAP_peak_-_1030	3180552	2.05	1.58	2.04	2.26	2.38
RNAP_peak_-_1031	3181752	3.30	2.80	2.68	3.31	3.08
RNAP_peak_-_1032	3182752	4.04	3.81	3.52	3.64	4.13
RNAP_peak_-_1033	3185552	3.08	1.48	2.42	2.40	2.76
RNAP_peak_-_1034	3189952	3.49	1.42	3.06	3.12	2.49
RNAP_peak_-_1035	3190427	3.20	0.91	2.08	2.43	1.76
RNAP_peak_-_1036	3193027	4.39	4.15	4.47	4.50	4.55
RNAP_peak_-_1037	3193277	4.24	3.91	4.05	4.03	4.20
RNAP_peak_-_1038	3194852	0.86	1.52	1.13	0.69	1.67
RNAP_peak_-_1039	3199127	2.61	1.20	1.80	1.45	1.88
RNAP_peak_-_1040	3202202	1.65	1.65	2.08	1.60	1.86
RNAP_peak_-_1041	3202552	2.24	1.58	2.41	1.68	1.79
RNAP_peak_-_1042	3203677	2.02	1.53	1.93	2.19	1.75
RNAP_peak_-_1043	3208702	3.71	4.99	4.38	3.58	4.03
RNAP_peak_-_1044	3213477	4.34	3.24	4.35	2.19	3.30
RNAP_peak_-_1045	3214477	1.29	1.84	1.88	1.08	1.67
RNAP_peak_-_1046	3217402	3.91	1.21	1.17	3.45	1.76
RNAP_peak_-_1047	3219303	1.11	0.31	0.80	3.12	1.41
RNAP_peak_-_1048	3232678	0.73	1.46	1.58	1.27	1.13
RNAP_peak_-_1049	3233953	2.68	1.08	1.40	1.12	1.47
RNAP_peak_-_1050	3242945	0.83	0.02	1.36	0.63	0.81
RNAP_peak_-_1051	3252374	2.28	1.29	2.06	1.47	1.44
RNAP_peak_-_1052	3256249	0.82	0.40	1.08	1.13	0.93
RNAP_peak_-_1053	3265351	2.71	0.73	1.36	1.50	1.46
RNAP_peak_-_1054	3268470	2.80	3.06	1.72	1.53	1.65
RNAP_peak_-_1055	3273095	0.75	0.35	1.54	1.25	1.18
RNAP_peak_-_1056	3276445	2.15	1.94	2.49	2.53	2.61
RNAP_peak_-_1057	3287746	2.60	1.01	2.18	1.75	1.87
RNAP_peak_-_1058	3291371	3.19	2.23	2.75	2.64	2.90
RNAP_peak_-_1059	3296771	2.17	0.28	1.06	1.11	0.55
RNAP_peak_-_1060	3297746	1.68	1.30	1.98	1.84	1.22
RNAP_peak_-_1061	3299296	2.59	1.66	3.28	2.80	3.53
RNAP_peak_-_1062	3306321	3.45	5.03	4.31	3.89	4.74
RNAP_peak_-_1063	3306971	3.75	4.86	3.66	3.67	4.25
RNAP_peak_-_1064	3309271	2.76	3.98	3.40	3.06	3.33
RNAP_peak_-_1065	3309796	3.86	4.37	4.17	3.93	4.15
RNAP_peak_-_1066	3311221	1.00	2.65	2.27	1.74	2.26

RNAP_peak_-_1067	3316146	4.96	5.19	4.82	4.64	4.38
RNAP_peak_-_1068	3316371	5.24	5.13	5.18	5.14	4.72
RNAP_peak_-_1069	3319896	2.19	5.25	3.79	2.79	3.59
RNAP_peak_-_1070	3320596	3.67	5.23	4.35	3.22	4.14
RNAP_peak_-_1071	3322296	1.04	2.20	1.84	1.71	1.87
RNAP_peak_-_1072	3323596	1.11	3.11	3.33	3.08	2.52
RNAP_peak_-_1073	3324996	3.21	3.36	4.17	3.41	3.52
RNAP_peak_-_1074	3325721	4.68	3.57	4.12	3.81	3.63
RNAP_peak_-_1075	3326696	3.74	3.88	3.62	3.75	3.88
RNAP_peak_-_1076	3330046	1.30	3.68	2.34	1.87	1.97
RNAP_peak_-_1077	3330821	2.01	4.43	3.30	2.60	2.72
RNAP_peak_-_1078	3331446	4.54	5.25	4.36	3.65	3.73
RNAP_peak_-_1079	3334921	1.55	2.75	2.78	2.61	2.49
RNAP_peak_-_1080	3335896	2.33	2.29	2.44	2.13	2.47
RNAP_peak_-_1081	3338247	3.57	2.82	2.35	2.16	2.89
RNAP_peak_-_1082	3348579	1.48	3.45	2.66	2.19	3.62
RNAP_peak_-_1083	3351079	1.65	1.95	2.30	1.51	1.88
RNAP_peak_-_1084	3352154	3.00	4.64	4.34	3.86	4.63
RNAP_peak_-_1085	3358904	2.11	3.24	1.73	1.48	3.05
RNAP_peak_-_1086	3364779	3.36	1.23	2.05	1.83	1.77
RNAP_peak_-_1087	3365804	4.97	1.50	2.90	2.60	2.56
RNAP_peak_-_1088	3371709	1.80	1.83	1.62	1.83	1.65
RNAP_peak_-_1089	3372459	3.35	1.71	2.24	2.25	2.01
RNAP_peak_-_1090	3375559	4.68	4.55	3.76	4.30	4.51
RNAP_peak_-_1091	3376559	3.30	5.10	3.56	3.46	3.61
RNAP_peak_-_1092	3378284	2.56	2.48	2.72	2.92	2.73
RNAP_peak_-_1093	3382434	4.07	3.26	3.05	1.95	2.55
RNAP_peak_-_1094	3384253	2.72	0.37	1.52	1.38	0.78
RNAP_peak_-_1095	3387403	2.65	1.19	2.15	2.00	2.03
RNAP_peak_-_1096	3390503	1.88	1.97	2.03	2.12	2.12
RNAP_peak_-_1097	3395978	2.42	3.03	2.52	2.59	2.59
RNAP_peak_-_1098	3396528	1.92	3.13	2.27	2.49	2.63
RNAP_peak_-_1099	3399328	2.97	3.16	3.07	2.96	3.13
RNAP_peak_-_1100	3401353	4.09	1.34	2.58	2.20	2.12
RNAP_peak_-_1101	3408306	2.65	3.00	2.65	3.00	2.81
RNAP_peak_-_1102	3411606	1.26	1.05	1.78	1.37	1.49
RNAP_peak_-_1103	3426757	4.38	5.85	4.33	4.54	4.47
RNAP_peak_-_1104	3429032	1.75	2.50	2.15	2.90	2.05
RNAP_peak_-_1105	3430032	1.36	3.14	3.67	4.06	3.83
RNAP_peak_-_1106	3430507	2.56	2.73	2.81	3.38	3.40
RNAP_peak_-_1107	3431607	2.82	2.17	2.60	2.95	2.94
RNAP_peak_-_1108	3437582	2.44	3.89	3.22	2.03	3.12
RNAP_peak_-_1109	3441122	4.38	5.09	3.60	3.55	3.91
RNAP_peak_-_1110	3446347	4.28	4.91	4.15	4.18	4.26
RNAP_peak_-_1111	3451322	3.50	5.11	4.70	3.55	4.57
RNAP_peak_-_1112	3451972	2.15	4.17	3.26	2.46	2.82
RNAP_peak_-_1113	3453572	3.81	1.13	1.81	1.93	1.65
RNAP_peak_-_1114	3464747	3.48	1.64	2.60	3.55	3.74
RNAP_peak_-_1115	3464897	3.99	1.72	2.81	3.91	3.84
RNAP_peak_-_1116	3468247	2.76	4.61	3.53	2.86	3.54
RNAP_peak_-_1117	3469522	2.00	4.52	3.31	3.11	3.75
RNAP_peak_-_1118	3472824	4.41	4.43	4.71	3.63	3.80
RNAP_peak_-_1119	3474549	2.39	2.43	2.33	2.22	2.79
RNAP_peak_-_1120	3475399	3.37	2.67	2.92	2.73	3.08
RNAP_peak_-_1121	3476449	2.87	2.71	3.04	3.10	3.04
RNAP_peak_-_1122	3479174	3.21	2.18	1.81	1.66	2.48
RNAP_peak_-_1123	3483774	4.29	2.96	3.30	3.18	3.56
RNAP_peak_-_1124	3488224	0.67	3.19	3.82	1.69	1.49
RNAP_peak_-_1125	3489824	2.81	2.29	2.94	2.34	2.40
RNAP_peak_-_1126	3490424	2.57	2.07	3.24	2.16	2.54
RNAP_peak_-_1127	3490724	2.30	1.34	2.22	1.67	1.65
RNAP_peak_-_1128	3510562	1.03	2.24	2.39	1.98	2.09
RNAP_peak_-_1129	3511812	0.80	2.31	1.76	2.17	1.99

RNAP_peak_-_1130	3513212	0.69	2.94	1.73	1.76	2.21
RNAP_peak_-_1131	3514137	1.07	3.27	2.05	2.41	2.67
RNAP_peak_-_1132	3515637	1.93	3.51	3.18	2.07	2.71
RNAP_peak_-_1133	3517287	3.71	3.97	3.62	3.50	3.74
RNAP_peak_-_1134	3520787	0.64	1.26	0.85	0.70	1.25
RNAP_peak_-_1135	3524337	5.39	3.50	3.16	2.88	3.24
RNAP_peak_-_1136	3530637	4.28	1.42	2.16	1.52	1.91
RNAP_peak_-_1137	3534638	3.96	1.91	2.73	2.62	2.60
RNAP_peak_-_1138	3538088	1.45	1.01	0.91	3.35	4.48
RNAP_peak_-_1139	3542863	1.95	0.98	1.54	1.31	1.21
RNAP_peak_-_1140	3550663	1.76	2.36	1.93	1.65	2.77
RNAP_peak_-_1141	3556439	1.87	0.13	0.80	2.32	0.71
RNAP_peak_-_1142	3559014	1.36	2.43	2.06	1.66	1.52
RNAP_peak_-_1143	3559889	3.20	2.15	2.21	1.64	1.97
RNAP_peak_-_1144	3562089	2.06	1.80	1.96	2.59	2.15
RNAP_peak_-_1145	3566522	1.41	1.65	1.75	2.25	2.23
RNAP_peak_-_1146	3567522	0.84	1.64	1.33	2.19	2.56
RNAP_peak_-_1147	3571622	1.13	3.24	2.04	3.10	3.31
RNAP_peak_-_1148	3572847	2.39	3.32	2.99	3.69	3.41
RNAP_peak_-_1149	3575672	0.93	1.78	2.70	0.86	2.49
RNAP_peak_-_1150	3576547	3.22	2.16	2.84	2.48	2.84
RNAP_peak_-_1151	3578897	2.27	0.78	0.73	1.80	3.14
RNAP_peak_-_1152	3579147	2.28	0.73	0.87	1.50	3.00
RNAP_peak_-_1153	3582270	3.21	1.84	1.64	2.42	1.77
RNAP_peak_-_1154	3584995	3.08	0.29	1.90	2.73	1.92
RNAP_peak_-_1155	3590420	2.67	2.49	1.08	1.30	2.85
RNAP_peak_-_1156	3595724	3.75	2.80	2.51	2.66	3.10
RNAP_peak_-_1157	3597749	1.48	3.27	3.26	2.78	3.05
RNAP_peak_-_1158	3599074	4.95	3.68	4.23	4.27	3.97
RNAP_peak_-_1159	3602149	2.49	2.22	2.26	2.66	2.41
RNAP_peak_-_1160	3603624	2.81	2.04	1.95	2.33	2.16
RNAP_peak_-_1161	3607049	2.11	2.32	2.88	2.86	2.64
RNAP_peak_-_1162	3609874	2.79	1.09	1.64	1.53	1.96
RNAP_peak_-_1163	3617174	1.67	0.95	1.69	1.69	1.54
RNAP_peak_-_1164	3629174	3.52	2.15	2.41	2.15	2.57
RNAP_peak_-_1165	3630449	2.45	0.43	0.79	1.46	1.23
RNAP_peak_-_1166	3632174	3.76	0.74	1.07	1.67	1.73
RNAP_peak_-_1167	3635449	3.62	2.81	3.12	2.52	2.51
RNAP_peak_-_1168	3637774	3.85	2.66	3.97	4.10	3.90
RNAP_peak_-_1169	3638699	2.13	2.20	2.99	3.36	3.50
RNAP_peak_-_1170	3643349	4.73	1.57	3.97	1.96	2.69
RNAP_peak_-_1171	3646199	4.46	2.93	3.57	3.49	3.76
RNAP_peak_-_1172	3647985	1.10	0.42	1.40	1.12	1.09
RNAP_peak_-_1173	3651260	3.38	1.21	1.70	1.78	1.53
RNAP_peak_-_1174	3654685	2.70	1.15	1.08	2.83	2.93
RNAP_peak_-_1175	3656085	1.93	0.92	1.25	3.00	2.36
RNAP_peak_-_1176	3662760	4.67	1.97	3.12	4.06	2.70
RNAP_peak_-_1177	3663785	4.18	2.07	3.72	4.25	3.22
RNAP_peak_-_1178	3665510	1.91	0.41	0.84	1.50	1.09
RNAP_peak_-_1179	3667335	2.84	0.38	1.79	1.83	1.29
RNAP_peak_-_1180	3670040	0.89	0.25	1.17	1.13	1.36
RNAP_peak_-_1181	3676215	2.10	2.68	1.05	1.12	0.47
RNAP_peak_-_1182	3677140	2.07	2.59	0.75	0.63	0.18
RNAP_peak_-_1183	3679915	2.32	2.45	1.73	2.12	2.00
RNAP_peak_-_1184	3681590	0.90	2.20	1.04	0.97	1.41
RNAP_peak_-_1185	3684065	2.38	1.31	2.25	2.52	1.71
RNAP_peak_-_1186	3694516	4.99	3.13	3.51	5.45	4.20
RNAP_peak_-_1187	3698216	2.73	2.21	2.30	2.65	2.40
RNAP_peak_-_1188	3698591	1.95	1.78	2.23	1.74	2.28
RNAP_peak_-_1189	3705944	2.86	3.07	3.00	3.34	3.03
RNAP_peak_-_1190	3706819	4.22	4.72	3.49	3.74	3.58
RNAP_peak_-_1191	3708444	1.66	1.09	1.13	1.10	1.70
RNAP_peak_-_1192	3710094	1.33	0.42	2.55	2.52	1.34

RNAP_peak_-_1193	3710769	3.24	0.79	3.31	3.25	2.22
RNAP_peak_-_1194	3714319	1.12	0.58	0.94	0.64	0.71
RNAP_peak_-_1195	3717294	3.45	3.90	2.86	3.46	3.26
RNAP_peak_-_1196	3723419	4.09	2.49	2.78	2.62	3.09
RNAP_peak_-_1197	3723844	3.52	2.06	2.67	2.41	2.83
RNAP_peak_-_1198	3725894	1.18	0.74	1.89	1.64	1.45
RNAP_peak_-_1199	3727894	1.71	-0.11	0.70	0.93	0.43
RNAP_peak_-_1200	3730696	3.39	2.27	2.95	2.54	2.56
RNAP_peak_-_1201	3735101	3.50	3.34	3.61	3.34	3.49
RNAP_peak_-_1202	3740726	1.34	0.40	0.80	0.86	0.78
RNAP_peak_-_1203	3749926	4.00	0.56	2.09	1.17	1.51
RNAP_peak_-_1204	3752526	2.99	0.16	1.47	1.23	1.17
RNAP_peak_-_1205	3755926	1.43	1.72	1.90	1.84	1.98
RNAP_peak_-_1206	3759327	2.25	1.12	1.93	2.41	2.30
RNAP_peak_-_1207	3759952	3.54	1.42	2.08	2.26	2.10
RNAP_peak_-_1208	3764077	3.45	0.30	2.20	2.33	1.62
RNAP_peak_-_1209	3765702	1.83	0.52	1.86	1.52	1.19
RNAP_peak_-_1210	3770077	1.99	0.54	2.28	2.08	1.76
RNAP_peak_-_1211	3774502	3.02	1.68	3.18	2.66	2.44
RNAP_peak_-_1212	3780602	1.29	2.10	0.71	1.45	1.60
RNAP_peak_-_1213	3782177	1.90	2.66	2.97	2.44	3.00
RNAP_peak_-_1214	3782577	2.44	2.62	2.66	2.44	2.31
RNAP_peak_-_1215	3783102	3.49	2.38	3.38	3.08	3.30
RNAP_peak_-_1216	3788127	1.80	0.34	1.23	0.78	0.60
RNAP_peak_-_1217	3790702	2.17	1.54	1.79	1.83	1.48
RNAP_peak_-_1218	3791802	4.70	2.40	2.72	2.55	2.87
RNAP_peak_-_1219	3796902	3.41	1.84	1.89	3.15	2.21
RNAP_peak_-_1220	3799004	4.20	1.67	2.05	2.78	2.11
RNAP_peak_-_1221	3800404	1.60	1.65	1.22	2.27	1.66
RNAP_peak_-_1222	3802629	2.77	1.59	1.56	2.75	2.36
RNAP_peak_-_1223	3803781	2.25	1.66	1.83	2.88	1.88
RNAP_peak_-_1224	3804856	1.65	1.60	1.96	1.88	1.20
RNAP_peak_-_1225	3806206	4.34	2.39	2.40	2.32	2.51
RNAP_peak_-_1226	3809231	3.57	4.00	3.40	3.00	3.27
RNAP_peak_-_1227	3809831	3.93	4.59	3.80	3.97	4.10
RNAP_peak_-_1228	3810656	3.27	2.98	2.01	2.12	2.05
RNAP_peak_-_1229	3814506	2.24	1.92	1.65	1.19	1.42
RNAP_peak_-_1230	3819331	3.76	2.65	2.79	3.17	3.16
RNAP_peak_-_1231	3826931	3.19	3.41	1.91	1.71	1.87
RNAP_peak_-_1232	3834081	2.17	2.18	1.93	1.61	1.71
RNAP_peak_-_1233	3837956	2.60	1.17	1.52	2.41	2.13
RNAP_peak_-_1234	3839731	2.06	1.54	1.36	1.97	1.92
RNAP_peak_-_1235	3841981	1.21	0.73	1.40	1.21	1.42
RNAP_peak_-_1236	3843981	1.07	0.16	0.16	0.14	-0.02
RNAP_peak_-_1237	3850806	3.76	3.97	3.57	3.35	3.99
RNAP_peak_-_1238	3851033	4.74	3.72	3.55	3.62	4.03
RNAP_peak_-_1239	3851208	5.25	3.51	2.97	3.47	3.74
RNAP_peak_-_1240	3854283	2.25	0.59	1.36	1.36	1.03
RNAP_peak_-_1241	3858508	2.79	0.05	1.23	1.04	0.87
RNAP_peak_-_1242	3864133	1.84	1.14	3.92	1.59	2.36
RNAP_peak_-_1243	3865008	2.94	0.97	4.49	2.71	1.92
RNAP_peak_-_1244	3865458	4.28	0.95	4.80	2.53	2.34
RNAP_peak_-_1245	3873343	1.66	0.77	1.49	0.84	1.11
RNAP_peak_-_1246	3874968	0.88	1.53	2.11	1.70	2.03
RNAP_peak_-_1247	3875593	1.64	2.08	2.03	2.10	1.87
RNAP_peak_-_1248	3878169	3.12	2.54	3.17	2.43	3.07
RNAP_peak_-_1249	3879721	1.48	2.20	2.21	1.86	1.76
RNAP_peak_-_1250	3882021	4.88	4.69	3.94	3.84	3.75
RNAP_peak_-_1251	3891897	2.78	1.41	1.50	2.10	2.20
RNAP_peak_-_1252	3894622	3.21	2.93	1.72	1.07	1.83
RNAP_peak_-_1253	3899022	1.64	-0.19	1.79	1.34	0.64
RNAP_peak_-_1254	3900422	1.10	-0.64	0.88	0.83	0.51
RNAP_peak_-_1255	3909348	1.16	1.58	1.82	1.29	1.55

RNAP_peak_-_1256	3913232	2.50	3.69	2.65	2.32	3.01
RNAP_peak_-_1257	3920532	3.73	4.50	3.78	2.84	3.42
RNAP_peak_-_1258	3923657	1.87	3.12	2.48	1.06	2.09
RNAP_peak_-_1259	3924507	2.82	2.72	2.14	2.25	2.66
RNAP_peak_-_1260	3925057	1.96	2.29	1.36	2.06	2.94
RNAP_peak_-_1261	3927732	1.47	0.62	1.18	1.36	1.15
RNAP_peak_-_1262	3929157	2.89	1.43	2.62	2.35	2.71
RNAP_peak_-_1263	3939432	4.65	5.65	4.88	5.05	4.60
RNAP_peak_-_1264	3946013	1.88	3.61	2.73	2.00	2.42
RNAP_peak_-_1265	3948113	4.21	4.27	4.20	4.80	4.90
RNAP_peak_-_1266	3955636	1.87	2.72	1.77	1.07	1.56
RNAP_peak_-_1267	3958061	4.51	3.17	2.71	2.47	3.34
RNAP_peak_-_1268	3958611	3.98	1.98	2.18	2.09	2.11
RNAP_peak_-_1269	3963736	4.87	4.32	4.87	4.45	4.70
RNAP_peak_-_1270	3984212	4.52	3.35	2.32	2.90	3.67
RNAP_peak_-_1271	3987412	2.86	1.96	2.23	2.07	2.23
RNAP_peak_-_1272	3989037	3.82	3.47	3.99	3.83	4.20
RNAP_peak_-_1273	3992165	1.76	2.31	1.70	2.00	2.49
RNAP_peak_-_1274	3998965	2.21	2.51	2.64	1.63	1.94
RNAP_peak_-_1275	4001065	2.41	1.37	1.67	2.24	1.34
RNAP_peak_-_1276	4002690	2.99	1.99	1.34	1.50	1.63
RNAP_peak_-_1277	4007015	3.66	2.04	2.23	2.38	2.61
RNAP_peak_-_1278	4010890	1.79	2.80	4.03	0.23	1.96
RNAP_peak_-_1279	4014190	3.05	1.31	2.43	2.08	2.73
RNAP_peak_-_1280	4023140	4.24	2.76	2.70	2.65	2.27
RNAP_peak_-_1281	4028967	4.36	0.70	0.78	0.49	1.32
RNAP_peak_-_1282	4040070	2.72	1.75	1.77	1.28	1.65
RNAP_peak_-_1283	4044856	3.46	1.45	1.67	2.26	1.53
RNAP_peak_-_1284	4049006	5.35	2.37	2.29	3.85	2.33
RNAP_peak_-_1285	4051856	3.38	3.53	3.05	3.13	3.98
RNAP_peak_-_1286	4054356	1.45	4.42	0.73	4.17	4.70
RNAP_peak_-_1287	4056131	4.42	4.44	2.39	4.01	3.85
RNAP_peak_-_1288	4062856	2.36	0.17	1.57	1.42	1.05
RNAP_peak_-_1289	4067356	0.80	0.13	0.90	0.76	0.78
RNAP_peak_-_1290	4079308	1.36	2.66	1.43	1.56	1.47
RNAP_peak_-_1291	4083958	4.44	3.28	1.75	1.64	2.73
RNAP_peak_-_1292	4090908	1.62	-0.27	0.71	0.90	0.72
RNAP_peak_-_1293	4098845	3.42	1.34	0.24	0.73	2.44
RNAP_peak_-_1294	4100820	2.53	0.95	2.01	1.54	1.51
RNAP_peak_-_1295	4103845	3.65	1.92	4.38	2.04	2.90
RNAP_peak_-_1296	4109548	2.22	1.77	2.86	2.01	2.87
RNAP_peak_-_1297	4110248	2.25	1.33	2.25	1.45	2.17
RNAP_peak_-_1298	4112548	0.75	1.58	1.75	1.53	1.54
RNAP_peak_-_1299	4116373	3.83	2.26	2.77	2.43	2.72
RNAP_peak_-_1300	4117273	2.65	2.90	3.35	3.45	3.61
RNAP_peak_-_1301	4118373	1.71	1.60	2.26	1.40	1.46
RNAP_peak_-_1302	4120298	3.29	2.18	4.52	2.50	2.19
RNAP_peak_-_1303	4121123	2.63	2.80	2.94	2.08	2.20
RNAP_peak_-_1304	4122623	1.11	1.74	1.54	0.99	1.29
RNAP_peak_-_1305	4124898	3.80	3.94	4.25	3.76	3.53
RNAP_peak_-_1306	4126623	3.46	2.48	4.95	1.63	2.53
RNAP_peak_-_1307	4131798	2.72	2.84	4.51	2.40	3.29
RNAP_peak_-_1308	4146473	0.84	1.46	1.20	1.46	1.51
RNAP_peak_-_1309	4148348	1.65	2.84	2.62	2.24	2.74
RNAP_peak_-_1310	4151148	1.18	2.79	2.75	2.51	2.89
RNAP_peak_-_1311	4156498	1.78	2.62	2.10	1.63	1.88
RNAP_peak_-_1312	4158885	4.73	3.00	2.50	2.38	3.66
RNAP_peak_-_1313	4161410	2.93	2.04	1.96	1.90	1.99
RNAP_peak_-_1314	4164610	4.31	5.40	4.60	4.33	4.33
RNAP_peak_-_1315	4173360	4.14	5.64	3.93	3.83	4.41
RNAP_peak_-_1316	4188374	2.92	2.72	2.55	2.68	3.05
RNAP_peak_-_1317	4194324	2.35	3.36	2.99	3.40	3.68
RNAP_peak_-_1318	4194799	2.23	3.02	2.23	2.54	2.36

RNAP_peak_-_1319	4205650	3.40	4.72	2.77	3.51	2.99
RNAP_peak_-_1320	4212152	1.89	2.71	3.97	0.99	1.71
RNAP_peak_-_1321	4220632	1.08	2.34	1.42	1.71	1.91
RNAP_peak_-_1322	4221607	2.74	3.11	1.79	2.53	2.93
RNAP_peak_-_1323	4228382	1.45	1.55	2.25	1.61	2.03
RNAP_peak_-_1324	4229808	3.01	3.75	1.97	2.69	3.53
RNAP_peak_-_1325	4231558	2.58	3.79	2.68	2.76	3.64
RNAP_peak_-_1326	4238208	1.30	0.24	1.49	2.12	0.93
RNAP_peak_-_1327	4240308	1.21	0.46	1.09	1.05	0.74
RNAP_peak_-_1328	4244534	0.58	1.30	0.14	-0.08	0.70
RNAP_peak_-_1329	4254692	3.99	2.60	2.47	2.44	2.50
RNAP_peak_-_1330	4258042	4.01	1.57	1.90	2.54	2.09
RNAP_peak_-_1331	4262342	1.96	2.05	2.14	1.62	1.90
RNAP_peak_-_1332	4267292	2.69	1.01	1.43	2.26	1.63
RNAP_peak_-_1333	4271992	4.36	2.68	4.15	3.79	3.87
RNAP_peak_-_1334	4273142	4.36	1.73	2.45	4.11	1.94
RNAP_peak_-_1335	4275417	3.65	0.88	1.97	1.73	1.50
RNAP_peak_-_1336	4276167	3.94	2.12	2.28	2.52	1.81
RNAP_peak_-_1337	4280967	2.72	0.47	1.17	1.98	1.38
RNAP_peak_-_1338	4285443	1.03	0.89	1.22	1.31	1.38
RNAP_peak_-_1339	4295118	2.56	1.35	2.15	2.42	2.14
RNAP_peak_-_1340	4297343	0.99	0.84	1.74	3.81	2.03
RNAP_peak_-_1341	4302618	1.08	1.02	1.33	1.04	1.55
RNAP_peak_-_1342	4304618	1.46	0.32	1.29	0.73	0.94
RNAP_peak_-_1343	4309019	0.89	-0.02	0.70	0.58	0.38
RNAP_peak_-_1344	4311069	2.04	0.61	1.22	0.98	0.95
RNAP_peak_-_1345	4313694	1.84	-0.31	0.81	0.91	0.30
RNAP_peak_-_1346	4323669	1.06	0.48	1.06	1.35	0.53
RNAP_peak_-_1347	4324819	3.06	1.99	2.13	2.82	1.60
RNAP_peak_-_1348	4331994	0.89	-0.02	1.26	0.81	0.83
RNAP_peak_-_1349	4336769	2.15	0.21	0.89	0.99	0.67
RNAP_peak_-_1350	4339819	1.30	0.81	1.52	1.29	1.48
RNAP_peak_-_1351	4347019	2.54	1.19	1.18	2.92	1.47
RNAP_peak_-_1352	4348598	1.11	1.37	1.30	1.13	1.16
RNAP_peak_-_1353	4349823	3.41	0.82	1.85	2.17	1.39
RNAP_peak_-_1354	4352998	1.69	0.18	0.99	0.51	0.60
RNAP_peak_-_1355	4354298	2.01	0.18	0.80	0.59	0.83
RNAP_peak_-_1356	4358523	2.17	0.20	1.29	1.27	1.05
RNAP_peak_-_1357	4360024	2.41	3.41	2.53	1.87	1.98
RNAP_peak_-_1358	4360574	2.93	4.36	3.33	2.57	3.15
RNAP_peak_-_1359	4360799	2.76	5.08	3.44	3.01	3.08
RNAP_peak_-_1360	4361249	2.52	3.75	2.39	2.52	2.26
RNAP_peak_-_1361	4363424	1.08	1.88	1.86	1.06	2.40
RNAP_peak_-_1362	4364924	3.43	2.55	3.33	2.40	3.33
RNAP_peak_-_1363	4366524	3.87	1.45	4.26	2.67	3.00
RNAP_peak_-_1364	4368424	4.57	1.84	4.53	2.57	2.35
RNAP_peak_-_1365	4372249	2.67	2.19	2.10	1.92	2.13
RNAP_peak_-_1366	4373824	3.93	3.85	3.54	3.67	3.70
RNAP_peak_-_1367	4375724	2.40	2.34	2.62	2.38	2.06
RNAP_peak_-_1368	4377049	1.56	0.83	1.38	1.09	0.75
RNAP_peak_-_1369	4380224	3.08	0.77	3.39	4.12	3.51
RNAP_peak_-_1370	4388449	1.18	2.38	2.24	2.13	2.31
RNAP_peak_-_1371	4389550	3.05	3.98	3.46	3.56	3.19
RNAP_peak_-_1372	4391952	3.61	2.68	2.50	2.39	2.18
RNAP_peak_-_1373	4415120	2.25	0.78	1.57	1.63	1.25
RNAP_peak_-_1374	4416420	1.57	0.35	1.46	0.90	1.02
RNAP_peak_-_1375	4423020	3.42	4.67	3.44	3.58	3.92
RNAP_peak_-_1376	4425520	1.40	2.03	1.60	2.53	1.74
RNAP_peak_-_1377	4426745	2.75	2.03	2.59	2.74	2.57
RNAP_peak_-_1378	4427770	2.06	1.46	1.80	1.83	1.49
RNAP_peak_-_1379	4431095	1.63	0.65	0.55	0.92	0.74
RNAP_peak_-_1380	4432070	1.26	0.09	0.87	1.34	1.20
RNAP_peak_-_1381	4434595	3.23	0.83	2.08	2.07	1.77

RNAP_peak_-_1382	4437395	3.22	1.39	2.58	3.53	2.36
RNAP_peak_-_1383	4439247	4.02	2.39	3.16	2.69	3.01
RNAP_peak_-_1384	4440247	2.62	1.79	2.53	2.28	2.41
RNAP_peak_-_1385	4447622	3.07	3.04	2.79	2.33	2.49
RNAP_peak_-_1386	4453747	3.80	2.15	1.98	2.33	1.98
RNAP_peak_-_1387	4455997	2.56	2.28	1.94	2.31	2.12
RNAP_peak_-_1388	4460672	3.19	0.08	3.13	1.23	1.03
RNAP_peak_-_1389	4465356	4.34	4.04	4.42	3.11	5.00
RNAP_peak_-_1390	4468660	1.30	3.41	1.81	1.15	3.19
RNAP_peak_-_1391	4470460	2.53	4.44	2.71	1.57	2.17
RNAP_peak_-_1392	4471260	1.49	2.57	1.83	1.31	1.07
RNAP_peak_-_1393	4472135	1.23	1.43	2.01	1.52	1.40
RNAP_peak_-_1394	4476660	2.91	2.18	3.23	2.37	2.03
RNAP_peak_-_1395	4477360	2.93	1.70	2.33	2.41	1.93
RNAP_peak_-_1396	4481938	2.70	2.94	3.85	2.50	2.70
RNAP_peak_-_1397	4482263	2.26	2.74	3.31	2.17	2.43
RNAP_peak_-_1398	4484113	4.09	2.91	3.14	2.62	3.01
RNAP_peak_-_1399	4488038	1.25	0.85	1.16	1.12	1.01
RNAP_peak_-_1400	4489288	2.53	1.40	2.02	1.97	1.91
RNAP_peak_-_1401	4492763	1.88	0.38	1.46	1.22	0.99
RNAP_peak_-_1402	4494388	4.08	4.41	3.66	2.65	3.98
RNAP_peak_-_1403	4497538	2.92	2.71	2.95	2.99	3.21
RNAP_peak_-_1404	4498563	3.85	1.72	1.96	2.02	2.28
RNAP_peak_-_1405	4499038	3.48	1.17	1.01	1.35	1.45
RNAP_peak_-_1406	4501488	1.82	0.67	1.13	1.07	1.04
RNAP_peak_-_1407	4504738	3.14	1.32	2.72	2.09	2.00
RNAP_peak_-_1408	4506638	1.24	0.88	1.44	1.34	1.46
RNAP_peak_-_1409	4512845	0.99	-0.04	-0.09	-0.02	0.20
RNAP_peak_-_1410	4516345	2.92	2.38	2.90	2.67	3.51
RNAP_peak_-_1411	4518570	2.93	1.51	2.44	1.86	2.17
RNAP_peak_-_1412	4520220	1.95	0.77	1.82	1.41	0.93
RNAP_peak_-_1413	4521870	1.47	0.25	1.05	0.52	0.58
RNAP_peak_-_1414	4523945	1.61	0.22	2.43	1.26	1.26
RNAP_peak_-_1415	4525945	2.92	2.14	2.60	2.65	2.82
RNAP_peak_-_1416	4529820	0.83	0.64	2.01	1.52	1.66
RNAP_peak_-_1417	4532095	1.86	2.70	2.58	1.97	2.85
RNAP_peak_-_1418	4532895	1.61	1.45	1.62	1.52	1.79
RNAP_peak_-_1419	4536895	3.02	0.06	1.59	1.27	0.72
RNAP_peak_-_1420	4537695	1.93	0.86	1.35	1.79	1.22
RNAP_peak_-_1421	4554521	2.74	1.15	1.33	2.30	1.89
RNAP_peak_-_1422	4556296	1.04	1.21	1.48	1.24	1.46
RNAP_peak_-_1423	4557496	2.22	0.32	0.77	0.70	0.58
RNAP_peak_-_1424	4565273	2.18	0.12	1.76	2.07	1.38
RNAP_peak_-_1425	4566756	3.24	0.81	3.46	3.72	3.38
RNAP_peak_-_1426	4569731	3.24	2.88	2.81	4.07	2.91
RNAP_peak_-_1427	4577094	2.85	0.91	1.51	1.41	1.18
RNAP_peak_-_1428	4577920	2.17	1.49	1.60	1.68	1.30
RNAP_peak_-_1429	4581221	2.07	1.91	2.25	1.33	1.90
RNAP_peak_-_1430	4584849	2.19	1.52	2.98	2.50	3.15
RNAP_peak_-_1431	4589474	2.99	2.82	2.10	2.04	1.98
RNAP_peak_-_1432	4592749	1.20	0.43	0.86	1.10	1.06
RNAP_peak_-_1433	4597424	1.84	2.40	2.17	1.15	1.93
RNAP_peak_-_1434	4599674	3.07	1.13	1.84	1.39	1.72
RNAP_peak_-_1435	4601074	3.01	0.32	2.01	2.00	1.95
RNAP_peak_-_1436	4603699	2.73	5.08	2.84	2.10	4.55
RNAP_peak_-_1437	4604174	3.17	5.97	4.07	2.56	4.36
RNAP_peak_-_1438	4605674	2.56	2.90	2.23	1.85	1.62
RNAP_peak_-_1439	4615374	0.86	-0.26	1.28	0.74	1.64
RNAP_peak_-_1440	4622949	1.64	1.90	1.49	1.02	1.34
RNAP_peak_-_1441	4628649	3.06	1.86	2.87	2.25	2.47
RNAP_peak_-_1442	4631699	2.47	2.26	1.66	1.96	2.16
RNAP_peak_-_1443	4633174	4.33	3.19	3.45	3.67	3.44
RNAP_peak_-_1444	4638643	4.95	2.91	3.81	3.18	3.34

Supplementary Table 2: Iterative analysis of expression profiles. "Total probes" indicates total number of probes within ORF region. "Expressed probes" was determined by transcriptiondetector algorithm. "Probe density (%)" shows the ratio between the expressed probe and total probes within ORF region. Abbreviations: R1, log phase; R2, log phase+heat-shocked condition; R3, log phase+heat-shocked condition+stationary phase; R4, log phase+heat-shocked condition+stationary phase+glutamine growth condition; P, presence; A, absence; U, uncharacterized gene.

bnum	Gene	start	end	direction	size	total probes	Expressed probes				Probe density (%)				presence/absence call				Note
							R1	R2	R3	R4	R1	R2	R3	R4	R1	R2	R3	R4	
b0001	thrL	190	255	+	65	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0002	thrA	337	2799	+	2462	98	98	98	98	98	100%	100%	100%	100%	P	P	P	P	
b0003	thrB	2801	3733	+	932	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b0004	thrC	3734	5020	+	1286	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b0005	yaaX	5234	5530	+	296	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b0008	talB	8238	9191	+	953	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b0009	mog	9306	9893	+	587	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b0014	dnaK	12163	14079	+	1916	77	77	77	77	77	100%	100%	100%	100%	P	P	P	P	
G0-8893	tpke11	14080	14168	+	88	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0015	dnaJ	14168	15298	+	1130	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b0016	insL	15445	16557	+	1112	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b4413	sokC	16952	17006	+	54	2	0	0	0	2	0%	0%	0%	100%	A	A	A	P	
b0019	nhaA	17489	18655	+	1166	47	44	44	45	45	94%	94%	96%	96%	P	P	P	P	
b0020	nhaR	18715	19620	+	905	36	28	29	29	30	78%	81%	81%	83%	P	P	P	P	
b0024	yaaY	21181	21399	+	218	8	0	3	8	8	0%	38%	100%	100%	A	P	P	P	U
b0025	ribF	21407	22348	+	941	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b0026	ileS	22391	25207	+	2816	113	113	113	113	113	100%	100%	100%	100%	P	P	P	P	
b0027	lspA	25207	25701	+	494	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b0028	fkpB	25826	26275	+	449	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b0029	ispH	26277	27227	+	950	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b0030	rihC	27293	28207	+	914	37	13	13	14	14	35%	35%	38%	38%	P	P	P	P	
b0031	dapB	28374	29195	+	821	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b0032	carA	29651	30799	+	1148	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b0033	carB	30817	34038	+	3221	129	129	129	129	129	100%	100%	100%	100%	P	P	P	P	
b0034	caiF	34300	34695	+	395	16	14	14	14	14	88%	88%	88%	88%	P	P	P	P	
b0041	fixA	42403	43173	+	770	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0042	fixB	43188	44129	+	941	37	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0043	fixC	44180	45466	+	1286	52	0	1	1	1	0%	2%	2%	2%	A	P	P	P	U
b0044	fixX	45463	45750	+	287	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0045	yaaU	45807	47138	+	1331	54	0	0	7	7	0%	0%	13%	13%	A	A	P	P	U
b0046	kefF	47246	47776	+	530	21	16	16	16	16	76%	76%	76%	76%	P	P	P	P	
b0047	kefC	47769	49631	+	1862	74	50	50	50	50	68%	68%	68%	68%	P	P	P	P	
b0048	folA	49823	50302	+	479	19	18	18	19	19	95%	95%	100%	100%	P	P	P	P	
b0055	djIA	57364	58179	+	815	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b4659	yabP	58474	59269	+	795	32	29	29	30	30	91%	91%	94%	94%	P	P	P	P	U
b0064	araC	70387	71265	+	878	35	33	34	34	34	94%	97%	97%	97%	P	P	P	P	
b0065	yabI	71351	72115	+	764	31	21	23	24	25	68%	74%	77%	81%	P	P	P	P	U
b4577	sgrS	77367	77593	+	226	9	6	6	6	6	67%	67%	67%	67%	P	P	P	P	
b0070	setA	77621	78799	+	1178	47	27	28	29	29	57%	60%	62%	62%	P	P	P	P	

b0076	leuO	84368	85312	+	944	38	0	0	0	4	0%	0%	0%	11%	A	A	A	P
b0077	ilvI	85630	87354	+	1724	69	69	69	69	69	100%	100%	100%	100%	P	P	P	P
b0078	ilvH	87357	87848	+	491	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P
b0080	fruR	88028	89032	+	1004	40	38	38	38	38	95%	95%	95%	95%	P	P	P	P
b0081	mraZ	89634	90092	+	458	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P
b0082	mraW	90094	91035	+	941	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P
b0083	ftsL	91032	91397	+	365	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P
b0084	ftsI	91413	93179	+	1766	70	69	69	69	69	99%	99%	99%	99%	P	P	P	P
b0085	murE	93166	94653	+	1487	59	59	59	59	59	100%	100%	100%	100%	P	P	P	P
b0086	murF	94650	96008	+	1358	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P
b0087	mraY	96002	97084	+	1082	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P
b0088	murD	97087	98403	+	1316	52	51	51	51	51	98%	98%	98%	98%	P	P	P	P
b0089	ftsW	98403	99647	+	1244	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P
b0090	murG	99644	100711	+	1067	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P
b0091	murC	100765	102240	+	1475	59	58	58	58	58	98%	98%	98%	98%	P	P	P	P
b0092	ddlB	102233	103153	+	920	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P
b0093	ftsQ	103155	103985	+	830	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P
b0094	ftsA	103982	105244	+	1262	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P
b0095	ftsZ	105305	106456	+	1151	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P
b0096	lpxC	106557	107474	+	917	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P
b0097	secM	107705	108217	+	512	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P
b0098	secA	108279	110984	+	2705	109	109	109	109	109	100%	100%	100%	100%	P	P	P	P
b0099	mutT	111044	111433	+	389	15	9	9	10	10	60%	60%	67%	67%	P	P	P	P
b0104	guaC	113444	114487	+	1043	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P
b0110	ampD	118733	119284	+	551	23	21	21	21	21	91%	91%	91%	91%	P	P	P	P
b0111	ampE	119281	120135	+	854	35	25	25	25	26	71%	71%	71%	74%	P	P	P	P
b0113	pdhR	122092	122856	+	764	30	27	27	27	27	90%	90%	90%	90%	P	P	P	P
b0114	aceE	123017	125680	+	2663	106	106	106	106	106	100%	100%	100%	100%	P	P	P	P
b0115	aceF	125695	127587	+	1892	75	75	75	75	75	100%	100%	100%	100%	P	P	P	P
b0116	lpd	127912	129336	+	1424	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P
b0118	acnB	131615	134212	+	2597	104	104	104	104	104	100%	100%	100%	100%	P	P	P	P
b0119	yacL	134388	134750	+	362	15	13	13	15	15	87%	87%	100%	100%	P	P	P	P
b0123	cueO	137083	138633	+	1550	62	61	61	61	61	98%	98%	98%	98%	P	P	P	P
b0125	hpt	141431	141967	+	536	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P
b0127	yadG	142779	143705	+	926	37	36	36	36	36	97%	97%	97%	97%	P	P	P	P
b0128	yadH	143702	144472	+	770	31	26	26	26	26	84%	84%	84%	84%	P	P	P	P
	yadI	144577	145017	+	440	17	3	3	7	7	18%	18%	41%	41%	P	P	P	P
b0130	yadE	145081	146310	+	1229	49	14	16	16	19	29%	33%	33%	39%	P	P	P	P
b0132	yadD	146968	147870	+	902	36	9	9	9	9	25%	25%	25%	25%	P	P	P	P
b0148	hrpB	162105	164534	+	2429	97	78	79	79	79	80%	81%	81%	81%	P	P	P	P
b0149	mrcB	164730	167264	+	2534	101	94	94	94	94	93%	93%	93%	93%	P	P	P	P
b0150	fhuA	167484	169727	+	2243	90	86	86	86	88	96%	96%	96%	98%	P	P	P	P
b0151	fhuC	169778	170575	+	797	31	22	22	22	26	71%	71%	71%	84%	P	P	P	P
b0152	fhuD	170575	171465	+	890	36	16	16	16	22	44%	44%	44%	61%	P	P	P	P
b0153	fhuB	171462	173444	+	1982	79	20	20	21	29	25%	25%	27%	37%	P	P	P	P
b0155	clcA	175107	176528	+	1421	57	45	48	50	55	79%	84%	88%	96%	P	P	P	P

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b0156	erpA	176610	176954	+	344	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b0160	dgt	179237	180754	+	1517	60	51	51	51	51	85%	85%	85%	85%	P	P	P	P	
b0161	degP	180884	182308	+	1424	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	
b0162	cdaR	182463	183620	+	1157	46	13	14	16	16	28%	30%	35%	35%	P	P	P	P	U
b4414	tff	189712	189847	+	135	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	U
b0169	rpsB	189874	190599	+	725	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b0170	tsf	190857	191708	+	851	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b0171	pyrH	191855	192580	+	725	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b0172	frr	192872	193429	+	557	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b0173	dxr	193521	194717	+	1196	48	45	45	45	45	94%	94%	94%	94%	P	P	P	P	
b0174	ispU	194903	195664	+	761	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b0175	cdsA	195677	196534	+	857	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b0176	rseP	196546	197898	+	1352	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	
b0177	bamA	197928	200360	+	2432	98	98	98	98	98	100%	100%	100%	100%	P	P	P	P	U
b0178	skp	200482	200967	+	485	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b0179	lpxD	200971	201996	+	1025	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b0180	fabZ	202101	202556	+	455	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b0181	lpxA	202560	203348	+	788	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b0182	lpxB	203348	204496	+	1148	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b0183	rnhB	204493	205089	+	596	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b0184	dnaE	205126	208608	+	3482	140	139	139	139	139	99%	99%	99%	99%	P	P	P	P	
b0185	accA	208621	209580	+	959	38	36	36	36	36	95%	95%	95%	95%	P	P	P	P	
b0186	ldcC	209679	211820	+	2141	86	77	77	77	85	90%	90%	90%	99%	P	P	P	P	
b0187	yaeR	211877	212266	+	389	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b0188	tilS	212331	213629	+	1298	52	49	49	49	49	94%	94%	94%	94%	P	P	P	P	
b0190	yaeQ	214291	214836	+	545	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b0191	yaeJ	214833	215255	+	422	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b0192	nlpE	215269	215979	+	710	28	27	27	27	27	96%	96%	96%	96%	P	P	P	P	
b0200	gmhB	222833	223408	+	575	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b0201	rrsH	223771	225312	+	1541	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b0202	ileV	225381	225457	+	76	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b0203	alaV	225500	225575	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0204	rrlH	225759	228662	+	2903	116	116	116	116	116	100%	100%	100%	100%	P	P	P	P	
b0205	rrfH	228756	228875	+	119	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b0206	aspU	228928	229004	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0207	dkgB	229167	229970	+	803	32	22	22	22	22	69%	69%	69%	69%	P	P	P	P	
b0209	yafD	231122	231922	+	800	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b0210	yafE	231926	232549	+	623	25	13	24	24	24	52%	96%	96%	96%	P	P	P	P	U
b0213	yafS	234816	235538	+	722	29	22	22	22	22	76%	76%	76%	76%	P	P	P	P	U
b0215	dnaQ	236067	236798	+	731	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b0216	aspV	236931	237007	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0217	yafT	237335	238120	+	785	32	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
GO-8896	C0067	238462	238586	+	124	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4503	yafF	239106	239378	+	272	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0220	ivy	240343	240816	+	473	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b0222	lpcA	243543	244121	+	578	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	

b0223	yafJ	244327	245094	+	767	31	29	29	29	29	94%	94%	94%	94%	P	P	P	P	U
b0227	yafL	246712	247461	+	749	30	0	4	9	9	0%	13%	30%	30%	A	P	P	P	U
b0228	yafM	247637	248134	+	497	20	8	10	10	10	40%	50%	50%	50%	P	P	P	P	U
b0230	lafU	250072	250827	+	755	30	0	0	8	8	0%	0%	27%	27%	A	A	P	P	U
b0231	dinB	250898	251953	+	1055	42	27	27	31	32	64%	64%	74%	76%	P	P	P	P	
b0232	yafN	252005	252298	+	293	12	10	11	11	11	83%	92%	92%	92%	P	P	P	P	U
b0233	yafO	252301	252699	+	398	16	5	5	5	5	31%	31%	31%	31%	P	P	P	P	U
b0234	yafP	252709	253161	+	452	18	2	2	2	2	11%	11%	11%	11%	P	P	P	P	U
b0235	ykfJ	253479	253685	+	206	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0236	prfH	253702	254202	+	500	20	0	2	2	2	0%	10%	10%	10%	A	P	P	P	U
b0238	gpt	255977	256435	+	458	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b0239	frsA	256527	257771	+	1244	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b0240	crl	257829	258230	+	401	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b0242	proB	259612	260715	+	1103	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b0243	proA	260727	261980	+	1253	50	48	48	48	48	96%	96%	96%	96%	P	P	P	P	
b0244	thrW	262095	262170	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b4587	insN	269502	269759	+	257	10	7	7	10	10	70%	70%	100%	100%	P	P	P	P	U
b0256	insI	269827	270978	+	1151	46	45	45	45	45	98%	98%	98%	98%	P	P	P	P	
b4587	insN	270988	271413	+	425	17	15	15	15	15	88%	88%	88%	88%	P	P	P	P	U
b0258	ykfC	272071	273178	+	1107	44	10	10	10	10	23%	23%	23%	23%	P	P	P	P	U
b0260	mmuP	274549	275952	+	1403	56	53	56	56	56	95%	100%	100%	100%	P	P	P	P	U
b0261	mmuM	275939	276871	+	932	38	36	37	37	37	95%	97%	97%	97%	P	P	P	P	
b0268	yagE	281481	282410	+	929	37	0	0	6	6	0%	0%	16%	16%	A	A	P	P	U
b0269	yagF	282425	284392	+	1967	79	0	0	4	4	0%	0%	5%	5%	A	A	P	P	U
b0270	yagG	284619	286001	+	1382	55	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b0271	yagH	286013	287623	+	1610	65	0	0	2	2	0%	0%	3%	3%	A	A	P	P	U
b0276	yagJ	290724	291455	+	731	29	4	4	8	8	14%	14%	28%	28%	P	P	P	P	U
b4629	ptwF	296430	296478	+	48	2	2	2	2	2	100%	100%	100%	100%	P	P	P	P	
b0287	yagU	302215	302829	+	614	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	U
b0295	ykgL	311336	311563	+	227	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0297	eaeH	313581	314452	+	871	35	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0298	insE	314506	314814	+	308	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b0299	insF	314811	315677	+	866	35	33	33	33	33	94%	94%	94%	94%	P	P	P	P	
b4631	ykgQ	316663	316791	+	128	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0305	ykgD	319451	320305	+	854	34	0	3	3	3	0%	9%	9%	9%	A	P	P	P	U
b0306	ykgE	320832	321551	+	719	29	1	10	10	10	3%	34%	34%	34%	P	P	P	P	U
b0307	ykgF	321562	322989	+	1427	57	8	27	27	27	14%	47%	47%	47%	P	P	P	P	U
b0308	ykgG	322982	323677	+	695	28	4	19	20	20	14%	68%	71%	71%	P	P	P	P	U
b0314	betT	328687	330720	+	2033	82	77	77	80	80	94%	94%	98%	98%	P	P	P	P	
b0315	yahA	331595	332683	+	1088	43	18	18	18	34	42%	42%	42%	79%	P	P	P	P	U
b0318	yahD	334504	335109	+	605	24	0	0	1	1	0%	0%	4%	4%	A	A	P	P	U
b0319	yahE	335149	336012	+	863	34	0	0	2	2	0%	0%	6%	6%	A	A	P	P	U
b0320	yahF	336002	337549	+	1547	62	0	0	6	6	0%	0%	10%	10%	A	A	P	P	U
b0321	yahG	337549	338967	+	1418	56	0	1	6	6	0%	2%	11%	11%	A	P	P	P	U
b0323	yahI	339389	340339	+	950	38	0	0	3	3	0%	0%	8%	8%	A	A	P	P	U
b0324	yahJ	340349	341731	+	1382	55	41	42	42	42	75%	76%	76%	76%	P	P	P	P	U

b0325	yahK	342108	343157	+	1049	42	41	41	41	42	98%	98%	98%	100%	P	P	P	P	U
b0326	yahL	343400	344215	+	815	32	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0327	yahM	344628	344873	+	245	10	1	1	1	1	10%	10%	10%	10%	P	P	P	P	U
b0329	yahO	345708	345983	+	275	11	10	11	11	11	91%	100%	100%	100%	P	P	P	P	U
b0331	prpB	347906	348796	+	890	36	0	0	34	34	0%	0%	94%	94%	A	A	P	P	
b0333	prpC	349236	350405	+	1169	47	0	0	11	11	0%	0%	23%	23%	A	A	P	P	
b0334	prpD	350439	351890	+	1451	58	0	0	1	1	0%	0%	2%	2%	A	A	P	P	
b0335	prpE	351930	353816	+	1886	75	0	0	7	7	0%	0%	9%	9%	A	A	P	P	U
b0336	codB	354146	355405	+	1259	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b0337	codA	355395	356678	+	1283	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b0339	cynT	358023	358682	+	659	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0340	cynS	358713	359183	+	470	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0341	cynX	359216	360370	+	1154	47	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0347	mhpA	367835	369499	+	1664	66	0	0	2	2	0%	0%	3%	3%	A	A	P	P	
b0348	mhpB	369501	370445	+	944	38	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b0349	mhpC	370448	371329	+	881	36	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b0350	mhpD	371339	372148	+	809	32	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b0351	mhpF	372145	373095	+	950	38	0	5	5	5	0%	13%	13%	13%	A	P	P	P	
b0352	mhpE	373092	374105	+	1013	41	0	6	10	10	0%	15%	24%	24%	A	P	P	P	
b0353	mhpT	374683	375894	+	1211	48	0	1	6	6	0%	2%	13%	13%	A	P	P	P	U
b0354	yaiL	375996	376535	+	539	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b0360	insC	380575	380940	+	365	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b0361	insD	380898	381803	+	905	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b0365	tauA	384456	385418	+	962	39	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0366	tauB	385431	386198	+	767	31	2	7	7	7	6%	23%	23%	23%	P	P	P	P	
b0367	tauC	386195	387022	+	827	33	3	3	5	5	9%	9%	15%	15%	P	P	P	P	
b0368	tauD	387019	387870	+	851	34	0	8	10	10	0%	24%	29%	29%	A	P	P	P	
b4580	yaiT	389475	390932	+	1457	58	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4580	yaiT	392191	393642	+	1451	58	0	4	14	14	0%	7%	24%	24%	A	P	P	P	U
b0375	yaiV	393685	394353	+	668	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0377	sbmA	395863	397083	+	1220	48	21	26	30	33	44%	54%	63%	69%	P	P	P	P	U
b0378	yaiW	397096	398190	+	1094	44	41	41	41	41	93%	93%	93%	93%	P	P	P	P	U
b0380	yaiZ	398817	399029	+	212	9	8	8	8	8	89%	89%	89%	89%	P	P	P	P	U
b0382	iraP	400610	400870	+	260	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b0383	phoA	400971	402386	+	1415	57	33	33	33	33	58%	58%	58%	58%	P	P	P	P	
b0384	psiF	402505	402825	+	320	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b0385	adrA	402927	404042	+	1115	45	0	0	6	6	0%	0%	13%	13%	A	A	P	P	U
b0387	yaiI	404988	405446	+	458	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	U
b0388	aroL	405629	406153	+	524	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b0389	yaiA	406203	406394	+	191	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b0390	aroM	406652	407329	+	677	27	24	24	24	24	89%	89%	89%	89%	P	P	P	P	U
b0391	yaiE	407401	407685	+	284	12	11	12	12	12	92%	100%	100%	100%	P	P	P	P	U
b0392	ykiA	407893	408174	+	281	11	3	7	10	10	27%	64%	91%	91%	P	P	P	P	U
b0394	mak	409368	410276	+	908	36	33	33	33	35	92%	92%	92%	97%	P	P	P	P	
b0399	phoB	416366	417055	+	689	27	21	27	27	27	78%	100%	100%	100%	P	P	P	P	
b0400	phoR	417113	418408	+	1295	52	14	45	45	45	27%	87%	87%	87%	P	P	P	P	

b0401	brnQ	418815	420134	+	1319	53	49	49	49	49	92%	92%	92%	92%	P	P	P	P	U
b0402	proY	420210	421583	+	1373	55	35	35	35	35	64%	64%	64%	64%	P	P	P	P	U
b0403	malZ	421739	423556	+	1817	73	41	41	41	41	56%	56%	56%	56%	P	P	P	P	
b0405	queA	424235	425305	+	1070	42	41	41	41	41	98%	98%	98%	98%	P	P	P	P	
b0406	tgt	425361	426488	+	1127	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b0407	yajC	426511	426843	+	332	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b0408	secD	426871	428718	+	1847	74	74	74	74	74	100%	100%	100%	100%	P	P	P	P	
b0409	secF	428729	429700	+	971	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b0410	yajD	429829	430176	+	347	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b0413	nrdR	432226	432675	+	449	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	U
b0414	ribD	432679	433782	+	1103	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b0415	ribE	433871	434341	+	470	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b0416	nusB	434361	434780	+	419	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b0417	thiL	434858	435835	+	977	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b0418	pgpA	435813	436331	+	518	20	18	18	18	18	90%	90%	90%	90%	P	P	P	P	
b0423	thiI	440773	442221	+	1448	58	58	58	58	58	100%	100%	100%	100%	P	P	P	P	
b0426	yajQ	443907	444398	+	491	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	U
b0435	bolA	453696	454013	+	317	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b0436	tig	454357	455655	+	1298	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b0437	clpP	455901	456524	+	623	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b0438	clpX	456650	457924	+	1274	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b0439	lon	458112	460466	+	2354	94	94	94	94	94	100%	100%	100%	100%	P	P	P	P	
b0440	hupB	460675	460947	+	272	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b0441	ppiD	461139	463010	+	1871	75	75	75	75	75	100%	100%	100%	100%	P	P	P	P	
b0442	ybaV	463161	463532	+	371	15	2	4	4	4	13%	27%	27%	27%	P	P	P	P	U
b0443	ybaW	463626	464024	+	398	16	5	9	11	14	31%	56%	69%	88%	P	P	P	P	U
b0446	cof	466636	467454	+	818	32	13	21	21	21	41%	66%	66%	66%	P	P	P	P	
b0447	ybaO	467607	468065	+	458	18	13	13	16	16	72%	72%	89%	89%	P	P	P	P	U
b0448	mdIA	468095	469867	+	1772	71	11	11	11	16	15%	15%	15%	23%	P	P	P	P	U
b0449	mdIB	469860	471641	+	1781	71	11	11	11	13	15%	15%	15%	18%	P	P	P	P	U
b0450	glnK	471822	472160	+	338	14	0	0	0	14	0%	0%	0%	100%	A	A	A	P	
b0451	amtB	472190	473476	+	1286	51	26	26	26	51	51%	51%	51%	100%	P	P	P	P	
b0453	ybaY	474603	475175	+	572	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b0455	ffs	475672	475785	+	113	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b0456	ybaA	475896	476249	+	353	14	2	5	9	9	14%	36%	64%	64%	P	P	P	P	U
b0464	acrR	484985	485632	+	647	25	15	15	15	15	60%	60%	60%	60%	P	P	P	P	
b0465	kefA	485760	489122	+	3362	134	125	125	125	125	93%	93%	93%	93%	P	P	P	P	U
b0468	ybaN	490106	490483	+	377	16	15	15	15	15	94%	94%	94%	94%	P	P	P	P	U
b0469	apt	490636	491187	+	551	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b0470	dnaX	491316	493247	+	1931	77	76	76	76	76	99%	99%	99%	99%	P	P	P	P	
b0471	ybaB	493300	493629	+	329	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b0472	recR	493629	494234	+	605	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b0473	htpG	494344	496218	+	1874	75	72	74	74	74	96%	99%	99%	99%	P	P	P	P	
b0474	adk	496399	497043	+	644	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b0475	hemH	497279	498241	+	962	39	31	31	31	31	79%	79%	79%	79%	P	P	P	P	
b0477	gsk	499349	500653	+	1304	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	

b0480	ushA	504138	505790	+	1652	66	66	66	66	66	100%	100%	100%	100%	P	P	P	P	
b4585	sroB	506428	506509	+	81	3	2	2	3	3	67%	67%	100%	100%	P	P	P	P	U
b0483	ybaQ	507442	507783	+	341	13	12	13	13	13	92%	100%	100%	100%	P	P	P	P	U
b0485	ybaS	510865	511797	+	932	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	U
b0486	ybaT	511800	513092	+	1292	52	49	49	51	51	94%	94%	98%	98%	P	P	P	P	U
b0487	cueR	513217	513624	+	407	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b0490	ybbL	515143	515820	+	677	27	25	25	25	26	93%	93%	93%	96%	P	P	P	P	U
b0491	ybbM	515807	516586	+	779	31	18	18	18	18	58%	58%	58%	58%	P	P	P	P	U
b0495	ybbA	518957	519643	+	686	28	26	26	26	26	93%	93%	93%	93%	P	P	P	P	U
b0496	ybbP	519640	522054	+	2414	96	32	36	37	41	33%	38%	39%	43%	P	P	P	P	U
b0497	rhsD	522485	526765	+	4280	172	30	32	41	43	17%	19%	24%	25%	P	P	P	P	U
b0498	ybbC	526805	527173	+	368	15	3	6	6	9	20%	40%	40%	60%	P	P	P	P	U
b0499	ylbH	527176	527883	+	707	28	4	5	6	6	14%	18%	21%	21%	P	P	P	P	U
b0500	ybbD	527864	528354	+	490	20	1	1	1	1	5%	5%	5%	5%	P	P	P	P	U
b4632	ylbI	528724	528816	+	92	4	1	1	1	1	25%	25%	25%	25%	P	P	P	P	U
b0505	allA	531675	532157	+	482	19	4	4	4	4	21%	21%	21%	21%	P	P	P	P	
b0506	allR	532235	533050	+	815	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b0507	gcl	533140	534921	+	1781	71	0	2	17	17	0%	3%	24%	24%	A	P	P	P	
b0508	hyi	534934	535710	+	776	31	0	0	2	2	0%	0%	6%	6%	A	A	P	P	
b0509	glxR	535810	536688	+	878	35	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b0511	ybbW	536857	538311	+	1454	58	0	0	5	5	0%	0%	9%	9%	A	A	P	P	U
b0512	allB	538371	539732	+	1361	54	0	0	11	11	0%	0%	20%	20%	A	A	P	P	
b0513	ybbY	539789	541090	+	1301	53	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b0514	glxK	541112	542257	+	1145	46	13	13	18	19	28%	28%	39%	41%	P	P	P	P	
b0518	fdrA	545904	547571	+	1667	67	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4572	ylbE	547581	548839	+	1258	51	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0520	ylbF	548850	549665	+	815	33	0	0	2	2	0%	0%	6%	6%	A	A	P	P	U
b0521	ybcF	549662	550555	+	893	36	0	0	7	7	0%	0%	19%	19%	A	A	P	P	U
b0526	cysS	553834	555219	+	1385	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b0530	sfmA	557435	557977	+	542	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0531	sfmC	558197	558889	+	692	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0532	sfmD	558920	561523	+	2603	104	0	2	7	7	0%	2%	7%	7%	A	P	P	P	U
b0533	sfmH	561559	562542	+	983	40	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0534	sfmF	562553	563068	+	515	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0536	argU	563946	564022	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b4508	peaD	565599	565910	+	311	12	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0542	renD	565907	565999	+	92	4	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0540	insE	566056	566364	+	308	13	12	12	12	12	92%	92%	92%	92%	P	P	P	P	
b0541	insF	566361	567227	+	866	35	31	31	31	31	89%	89%	89%	89%	P	P	P	P	
b0542	renD	567258	567470	+	212	9	7	7	7	7	78%	78%	78%	78%	P	P	P	P	U
b0543	emrE	567538	567870	+	332	14	12	12	12	12	86%	86%	86%	86%	P	P	P	P	
b0544	ybcK	568125	569651	+	1526	61	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0545	ybcL	570116	570667	+	551	23	1	1	13	14	4%	4%	57%	61%	P	P	P	P	U
b0546	ybcM	570677	571474	+	797	32	8	15	19	26	25%	47%	59%	81%	P	P	P	P	U
b4588	ylcH	571591	571692	+	101	5	0	1	1	1	0%	20%	20%	20%	A	P	P	P	U
b0547	ybcN	571689	572144	+	455	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b0548	ninE	572144	572314	+	170	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0549	ybcO	572307	572597	+	290	12	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0550	rusA	572594	572956	+	362	14	0	0	2	2	0%	0%	14%	14%	A	A	P	P	
b4509	ylcG	572953	573093	+	140	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0551	quuD	573179	573562	+	383	15	0	0	1	1	0%	0%	7%	7%	A	A	P	P	U
b0554	essD	576621	576836	+	215	9	0	0	2	2	0%	0%	22%	22%	A	A	P	P	U
b0555	arrD	576836	577333	+	497	20	0	0	2	2	0%	0%	10%	10%	A	A	P	P	U
b0556	rzpD	577330	577791	+	461	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4510	rzoD	577550	577732	+	182	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0559	ybcW	579103	579309	+	206	9	0	3	3	3	0%	33%	33%	33%	A	P	P	P	U
b0560	nohB	580057	580602	+	545	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4634	aaaD	580577	580885	+	308	12	0	0	2	2	0%	0%	17%	17%	A	A	P	P	U
b0561	tfaD	580883	581320	+	437	18	0	0	1	1	0%	0%	6%	6%	A	A	P	P	U
b0563	tfaX	582176	582358	+	182	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0564	appY	582904	583653	+	749	30	14	14	15	17	47%	47%	50%	57%	P	P	P	P	
b4635	pauD	585280	585324	+	44	2	2	2	2	2	100%	100%	100%	100%	P	P	P	P	
b0572	cusC	594823	596196	+	1373	55	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0573	cusF	596354	596686	+	332	13	0	4	4	4	0%	31%	31%	31%	A	P	P	P	
b0574	cusB	596702	597925	+	1223	49	0	0	1	1	0%	0%	2%	2%	A	A	P	P	
b0575	cusA	597937	601080	+	3143	126	0	0	10	11	0%	0%	8%	9%	A	A	P	P	
b0576	pheP	601182	602558	+	1376	55	39	39	39	39	71%	71%	71%	71%	P	P	P	P	
b4415	hokE	607059	607211	+	152	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0582	insL	607288	608400	+	1112	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b0585	fes	612038	613162	+	1124	45	2	2	17	45	4%	4%	38%	100%	P	P	P	P	
b4511	ybdZ	613165	613383	+	218	9	1	1	1	9	11%	11%	11%	100%	P	P	P	P	U
b0586	entF	613380	617261	+	3881	155	18	34	41	151	12%	22%	26%	97%	P	P	P	P	
b0587	fepE	617477	618610	+	1133	45	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0591	entS	621523	622773	+	1250	50	5	5	5	31	10%	10%	10%	62%	P	P	P	P	U
b0593	entC	624108	625283	+	1175	47	14	14	28	47	30%	30%	60%	100%	P	P	P	P	
b0594	entE	625293	626903	+	1610	65	19	19	34	65	29%	29%	52%	100%	P	P	P	P	
b0595	entB	626917	627774	+	857	35	14	14	22	35	40%	40%	63%	100%	P	P	P	P	
b0596	entA	627774	628520	+	746	29	11	11	12	29	38%	38%	41%	100%	P	P	P	P	
b0597	ybdB	628523	628936	+	413	16	6	6	8	16	38%	38%	50%	100%	P	P	P	P	U
b0598	cstA	629117	631222	+	2105	85	85	85	85	85	100%	100%	100%	100%	P	P	P	P	
b4512	ybdD	631405	631602	+	197	8	7	7	8	8	88%	88%	100%	100%	P	P	P	P	U
b0600	ybdL	632809	633969	+	1160	46	41	44	44	44	89%	96%	96%	96%	P	P	P	P	
b0605	ahpC	638168	638731	+	563	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b0606	ahpF	638976	640541	+	1565	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b0608	ybdR	641311	642549	+	1238	49	17	18	19	38	35%	37%	39%	78%	P	P	P	P	U
b0619	dpiB	651458	653116	+	1658	66	24	25	25	25	36%	38%	38%	38%	P	P	P	P	
b0620	dpiA	653085	653765	+	680	27	15	18	18	18	56%	67%	67%	67%	P	P	P	P	
b0622	pagP	655780	656340	+	560	22	0	3	3	5	0%	14%	14%	23%	A	P	P	P	
b0623	cspE	656515	656724	+	209	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b4581	ybeM	657254	658041	+	787	31	21	21	30	30	68%	68%	97%	97%	P	P	P	P	U
b0627	tatE	658170	658373	+	203	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	
b0643	ybeL	674241	674723	+	482	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	U

b0645	ybeR	675934	676641	+	707	28	0	0	1	1	0%	0%	4%	4%	A	A	P	P	U
b0646	djIB	676638	678065	+	1427	57	0	0	4	4	0%	0%	7%	7%	A	A	P	P	U
b0648	ybeU	678731	679438	+	707	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0649	djIC	679435	680886	+	1451	58	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0662	ubiF	694324	695499	+	1175	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b0679	nagE	703167	705113	+	1946	78	73	73	76	76	94%	94%	97%	97%	P	P	P	P	
b0680	glnS	705316	706980	+	1664	67	67	67	67	67	100%	100%	100%	100%	P	P	P	P	
b0681	ybfM	707557	708963	+	1406	56	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0682	ybfN	709013	709339	+	326	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0687	seqA	712210	712755	+	545	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b0688	pgm	712781	714421	+	1640	65	65	65	65	65	100%	100%	100%	100%	P	P	P	P	
b0689	ybfP	714635	715129	+	494	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4590	ybfK	719806	720063	+	257	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0699	ybfA	728357	728563	+	206	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b0700	rhcC	728806	732999	+	4193	167	42	46	55	57	25%	28%	33%	34%	P	P	P	P	
b0702	ybfB	732999	733325	+	326	13	0	0	1	1	0%	0%	8%	8%	A	A	P	P	U
b0703	ybfO	733356	734876	+	1520	60	16	17	23	23	27%	28%	38%	38%	P	P	P	P	U
b0704	ybfC	734873	735442	+	569	23	0	0	1	2	0%	0%	4%	9%	A	A	P	P	U
b4514	ybfQ	735668	735922	+	254	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0705	ybfL	736048	737184	+	1136	46	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0706	ybfD	737315	738076	+	761	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0707	ybgA	738224	738733	+	509	21	18	18	18	20	86%	86%	86%	95%	P	P	P	P	U
b0708	phr	738730	740148	+	1418	57	35	35	36	38	61%	61%	63%	67%	P	P	P	P	
b0710	ybgI	742050	742793	+	743	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	U
b0711	ybgJ	742816	743472	+	656	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b0712	ybgK	743466	744398	+	932	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	U
b0713	ybgL	744388	745122	+	734	29	28	28	28	28	97%	97%	97%	97%	P	P	P	P	U
b0714	nei	745158	745949	+	791	32	29	29	29	29	91%	91%	91%	91%	P	P	P	P	
b0721	sdhC	754400	754789	+	389	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b0722	sdhD	754783	755130	+	347	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b0723	sdhA	755130	756896	+	1766	71	71	71	71	71	100%	100%	100%	100%	P	P	P	P	
b0724	sdhB	756912	757628	+	716	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b0726	sucA	757929	760730	+	2801	112	112	112	112	112	100%	100%	100%	100%	P	P	P	P	
b0727	sucB	760745	761962	+	1217	49	49	49	49	49	100%	100%	100%	100%	P	P	P	P	
b0728	sucC	762237	763403	+	1166	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b0729	sucD	763403	764272	+	869	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b0731	mngA	765207	767183	+	1976	80	0	3	9	10	0%	4%	11%	13%	A	P	P	P	
b0732	mngB	767201	769834	+	2633	106	17	21	23	23	16%	20%	22%	22%	P	P	P	P	
b0733	cydA	770681	772249	+	1568	63	63	63	63	63	100%	100%	100%	100%	P	P	P	P	
b0734	cydB	772265	773404	+	1139	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b4515	ybgT	773419	773532	+	113	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	U
b0735	ybgE	773532	773825	+	293	12	10	11	11	11	83%	92%	92%	92%	P	P	P	P	U
b0736	ybgC	773975	774379	+	404	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b0737	tolQ	774376	775068	+	692	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b0738	tolR	775072	775500	+	428	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b0739	tolA	775565	776830	+	1265	50	49	49	49	49	98%	98%	98%	98%	P	P	P	P	

b0740	tolB	776963	778255	+	1292	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b0741	pal	778290	778811	+	521	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b0742	ybgF	778821	779612	+	791	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b0743	lysT	779777	779852	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0744	valT	779988	780063	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0745	lysW	780066	780141	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0746	valZ	780291	780366	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0747	lysY	780370	780445	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0748	lysZ	780592	780667	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0749	lysQ	780800	780875	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0750	nadA	781308	782351	+	1043	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b0751	pnuC	782389	783108	+	719	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b0754	aroG	784856	785908	+	1052	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b0762	ybhT	793996	794145	+	149	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	U
b0763	modA	794312	795085	+	773	31	30	30	30	31	97%	97%	97%	100%	P	P	P	P	
b0764	modB	795085	795774	+	689	27	21	21	21	26	78%	78%	78%	96%	P	P	P	P	
b0765	modC	795777	796835	+	1058	43	28	28	28	34	65%	65%	65%	79%	P	P	P	P	
b0767	pgl	797809	798804	+	995	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b0769	ybhH	799982	801034	+	1052	43	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0770	ybhI	801110	802543	+	1433	57	0	1	5	5	0%	2%	9%	9%	A	P	P	P	U
b0771	ybhJ	802726	804987	+	2261	91	0	3	4	4	0%	3%	4%	4%	A	P	P	P	U
b0775	bioB	808567	809607	+	1040	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b0776	bioF	809604	810758	+	1154	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b0777	bioC	810745	811500	+	755	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	U
b0778	bioD	811493	812170	+	677	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b0779	uvrB	812749	814770	+	2021	81	80	80	80	80	99%	99%	99%	99%	P	P	P	P	
b0781	moaA	816267	817256	+	989	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b0782	moaB	817278	817790	+	512	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b0783	moaC	817793	818278	+	485	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b0784	moaD	818271	818516	+	245	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b0785	moaE	818518	818970	+	452	18	17	17	17	17	94%	94%	94%	94%	P	P	P	P	
b0786	ybhL	819107	819811	+	704	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	U
b0787	ybhM	820016	820729	+	713	28	0	1	1	2	0%	4%	4%	7%	A	P	P	P	U
b0791	ybhQ	823853	824263	+	410	16	12	12	15	15	75%	75%	94%	94%	P	P	P	P	U
b0797	rhIE	830095	831459	+	1364	54	42	42	42	42	78%	78%	78%	78%	P	P	P	P	
b0799	dinG	832293	834443	+	2150	85	28	28	31	33	33%	33%	36%	39%	P	P	P	P	
b0800	ybiB	834471	835433	+	962	39	38	38	38	39	97%	97%	97%	100%	P	P	P	P	U
b0801	ybiC	835574	836659	+	1085	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	U
b0807	rlmF	841555	842481	+	926	37	33	33	33	33	89%	89%	89%	89%	P	P	P	P	U
b0814	ompX	849673	850188	+	515	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b0816	yliL	851894	852163	+	269	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0817	mntR	852406	852873	+	467	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b0818	ybiR	852870	853988	+	1118	45	37	37	37	37	82%	82%	82%	82%	P	P	P	P	U
b0820	ybiT	855186	856778	+	1592	64	62	62	62	62	97%	97%	97%	97%	P	P	P	P	U
b0825	fsaA	862865	863527	+	662	27	9	11	12	16	33%	41%	44%	59%	P	P	P	P	
b0828	iaaA	865791	866756	+	965	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	

b0829	gsiA	866743	868614	+	1871	75	75	75	75	75	100%	100%	100%	100%	P	P	P	P	U
b0830	gsiB	868634	870172	+	1538	61	60	60	60	61	98%	98%	98%	100%	P	P	P	P	U
b0831	gsiC	870190	871110	+	920	37	35	35	35	36	95%	95%	95%	97%	P	P	P	P	U
b0832	gsiD	871113	872024	+	911	36	32	32	32	33	89%	89%	89%	92%	P	P	P	P	U
b0833	yliE	872202	874550	+	2348	94	84	84	84	84	89%	89%	89%	89%	P	P	P	P	U
b0834	yliF	874558	875886	+	1328	53	47	47	47	47	89%	89%	89%	89%	P	P	P	P	U
b0836	bssR	877471	877854	+	383	16	7	16	16	16	44%	100%	100%	100%	P	P	P	P	U
b0837	yliI	877965	879080	+	1115	45	14	14	24	34	31%	31%	53%	76%	P	P	P	P	U
b0839	dacC	879950	881152	+	1202	48	47	48	48	48	98%	100%	100%	100%	P	P	P	P	
b0842	cmr	882896	884128	+	1232	49	41	41	49	49	84%	84%	100%	100%	P	P	P	P	
b0846	ybjK	886646	887182	+	536	21	3	3	9	9	14%	14%	43%	43%	P	P	P	P	U
b0848	ybjM	889312	889689	+	377	15	3	9	9	9	20%	60%	60%	60%	P	P	P	P	U
b0850	ybjC	890136	890423	+	287	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b0851	nfsA	890407	891129	+	722	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b0852	rimK	891190	892092	+	902	36	32	32	32	32	89%	89%	89%	89%	P	P	P	P	
b0853	ybjN	892180	892656	+	476	19	18	18	18	18	95%	95%	95%	95%	P	P	P	P	U
b0854	potF	893007	894119	+	1112	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b0855	potG	894214	895347	+	1133	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b0856	potH	895357	896310	+	953	39	29	29	29	37	74%	74%	74%	95%	P	P	P	P	
b0857	potI	896307	897152	+	845	34	26	27	28	31	76%	79%	82%	91%	P	P	P	P	
b0858	ybjO	897212	897700	+	488	19	16	16	16	16	84%	84%	84%	84%	P	P	P	P	U
b0859	rumB	897741	898868	+	1127	45	27	27	27	27	60%	60%	60%	60%	P	P	P	P	
b0866	ybjQ	903816	904139	+	323	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b0867	amiD	904136	904966	+	830	33	32	32	33	33	97%	97%	100%	100%	P	P	P	P	U
b0876	ybjD	915696	917354	+	1658	66	43	43	53	53	65%	65%	80%	80%	P	P	P	P	U
b0878	macA	918458	919573	+	1115	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b0879	macB	919570	921516	+	1946	78	68	70	70	70	87%	90%	90%	90%	P	P	P	P	
b0881	clpS	922136	922456	+	320	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b0882	clpA	922487	924763	+	2276	90	90	90	90	90	100%	100%	100%	100%	P	P	P	P	
b0889	lrp	931818	932312	+	494	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b0890	ftsK	932447	936436	+	3989	160	159	159	159	159	99%	99%	99%	99%	P	P	P	P	
b0891	lolA	936595	937206	+	611	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b0892	rarA	937217	938560	+	1343	54	51	51	51	52	94%	94%	94%	96%	P	P	P	P	
b0893	serS	938651	939943	+	1292	52	49	49	49	52	94%	94%	94%	100%	P	P	P	P	
b0894	dmsA	940182	942626	+	2444	98	6	66	66	66	6%	67%	67%	67%	P	P	P	P	
b0895	dmsB	942637	943254	+	617	24	1	13	13	13	4%	54%	54%	54%	P	P	P	P	
b0896	dmsC	943256	944119	+	863	35	0	15	15	15	0%	43%	43%	43%	A	P	P	P	
b0898	ycaD	945094	946242	+	1148	46	42	42	42	42	91%	91%	91%	91%	P	P	P	P	U
b0899	ycaM	946452	947882	+	1430	57	0	0	5	5	0%	0%	9%	9%	A	A	P	P	U
b0901	ycaK	948891	949481	+	590	23	8	8	8	10	35%	35%	35%	43%	P	P	P	P	U
b0906	ycaP	955985	956677	+	692	28	20	22	28	28	71%	79%	100%	100%	P	P	P	P	U
b0907	serC	956876	957964	+	1088	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b0908	aroA	958035	959318	+	1283	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b0909	ycaL	959487	960251	+	764	30	0	0	11	11	0%	0%	37%	37%	A	A	P	P	U
b0910	cmk	960424	961107	+	683	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b0911	rpsA	961218	962891	+	1673	67	67	67	67	67	100%	100%	100%	100%	P	P	P	P	

b0912	ihfB	963051	963335	+	284	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b0913	ycaI	963543	965807	+	2264	90	0	0	11	11	0%	0%	12%	12%	A	A	P	P	U
b0914	msbA	965844	967592	+	1748	70	69	69	69	69	99%	99%	99%	99%	P	P	P	P	
b0915	lpxK	967589	968575	+	986	39	33	33	33	33	85%	85%	85%	85%	P	P	P	P	
b0916	ycaQ	968612	969844	+	1232	50	13	13	14	14	26%	26%	28%	28%	P	P	P	P	U
b0917	ycaR	969896	970078	+	182	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b0918	kdsB	970075	970821	+	746	30	27	27	27	27	90%	90%	90%	90%	P	P	P	P	
b0919	ycbJ	970975	971868	+	893	36	11	30	30	34	31%	83%	83%	94%	P	P	P	P	U
b0921	smtA	972760	973545	+	785	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b0922	mukF	973542	974864	+	1322	53	52	52	52	52	98%	98%	98%	98%	P	P	P	P	
b0923	mukE	974872	975549	+	677	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b0924	mukB	975549	980009	+	4460	178	176	176	176	176	99%	99%	99%	99%	P	P	P	P	U
b0925	ycbB	980270	982117	+	1847	74	68	68	74	74	92%	92%	100%	100%	P	P	P	P	U
b0926	ycbK	982298	982846	+	548	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b0927	ycbL	982873	983520	+	647	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b0932	pepN	989845	992457	+	2612	104	103	103	103	103	99%	99%	99%	99%	P	P	P	P	
b0938	ycbQ	997091	997630	+	539	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0939	ycbR	997713	998414	+	701	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0940	ycbS	998439	1001039	+	2600	104	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0941	ycbT	1001030	1002100	+	1070	43	0	0	5	5	0%	0%	12%	12%	A	A	P	P	U
b0942	ycbU	1002112	1002654	+	542	22	0	0	2	2	0%	0%	9%	9%	A	A	P	P	U
b0943	ycbV	1002662	1003177	+	515	21	0	5	5	5	0%	24%	24%	24%	A	P	P	P	U
b0944	ycbF	1003170	1003880	+	710	28	0	5	5	5	0%	18%	18%	18%	A	P	P	P	U
b0945	pyrD	1003991	1005001	+	1010	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b0946	ycbW	1005175	1005717	+	542	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	U
b0948	rlmL	1007067	1009175	+	2108	85	85	85	85	85	100%	100%	100%	100%	P	P	P	P	U
b0949	uup	1009187	1011094	+	1907	77	77	77	77	77	100%	100%	100%	100%	P	P	P	P	U
b0950	pqiA	1011224	1012477	+	1253	50	27	27	41	41	54%	54%	82%	82%	P	P	P	P	
b0951	pqiB	1012482	1014122	+	1640	66	63	63	63	63	95%	95%	95%	95%	P	P	P	P	
b0952	ymbA	1014119	1014682	+	563	22	17	17	17	17	77%	77%	77%	77%	P	P	P	P	U
b0953	rnf	1014938	1015105	+	167	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	
b0956	ycbG	1017708	1018160	+	452	18	16	18	18	18	89%	100%	100%	100%	P	P	P	P	U
b0959	sxy	1020361	1020990	+	629	25	15	17	18	21	60%	68%	72%	84%	P	P	P	P	U
b0962	helD	1023694	1025748	+	2054	82	78	78	78	79	95%	95%	95%	96%	P	P	P	P	
b0965	yccU	1027169	1027582	+	413	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b0968	yccX	1029287	1029565	+	278	11	8	10	10	10	73%	91%	91%	91%	P	P	P	P	U
b0972	hyaA	1031362	1032480	+	1118	45	0	2	31	31	0%	4%	69%	69%	A	P	P	P	
b0973	hyaB	1032477	1034270	+	1793	72	0	0	19	19	0%	0%	26%	26%	A	A	P	P	
b0974	hyaC	1034289	1034996	+	707	28	0	0	10	10	0%	0%	36%	36%	A	A	P	P	
b0975	hyaD	1034993	1035580	+	587	23	0	0	12	12	0%	0%	52%	52%	A	A	P	P	
b0976	hyaE	1035577	1035975	+	398	16	0	0	3	4	0%	0%	19%	25%	A	A	P	P	
b0977	hyaF	1035972	1036829	+	857	34	0	0	2	2	0%	0%	6%	6%	A	A	P	P	
b0978	appC	1036963	1038507	+	1544	61	38	38	38	50	62%	62%	62%	82%	P	P	P	P	
b0979	appB	1038519	1039655	+	1136	45	15	15	15	22	33%	33%	33%	49%	P	P	P	P	
b4592	yccB	1039668	1039760	+	92	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	U
b0980	appA	1039840	1041138	+	1298	52	27	28	28	34	52%	54%	54%	65%	P	P	P	P	

b4516	insA	1049056	1049331	+	275	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b0988	insB	1049250	1049753	+	503	20	11	14	14	14	55%	70%	70%	70%	P	P	P	P	
b0990	cspG	1050684	1050896	+	212	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0991	ymcE	1051070	1051300	+	230	9	3	3	3	3	33%	33%	33%	33%	P	P	P	P	U
b4517	gnsA	1051290	1051463	+	173	7	6	6	6	6	86%	86%	86%	86%	P	P	P	P	U
b0994	torT	1055484	1056512	+	1028	42	0	2	14	14	0%	5%	33%	33%	A	P	P	P	
b0996	torC	1057307	1058479	+	1172	47	0	0	4	4	0%	0%	9%	9%	A	A	P	P	
b0997	torA	1058479	1061025	+	2546	102	0	1	8	8	0%	1%	8%	8%	A	P	P	P	
b0998	torD	1061022	1061621	+	599	24	0	0	1	1	0%	0%	4%	4%	A	A	P	P	
b1001	yccE	1063259	1064515	+	1256	51	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1002	agp	1064808	1066049	+	1241	50	39	39	50	50	78%	78%	100%	100%	P	P	P	P	
b4518	ymdF	1067304	1067477	+	173	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b1013	rutR	1073465	1074103	+	638	25	23	23	23	23	92%	92%	92%	92%	P	P	P	P	U
b1015	putP	1078528	1080036	+	1508	60	60	60	60	60	100%	100%	100%	100%	P	P	P	P	
b4490	efeU	1080579	1081408	+	829	33	32	32	32	32	97%	97%	97%	97%	P	P	P	P	U
b1018	efeO	1081466	1082593	+	1127	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	U
b1019	efeB	1082599	1083870	+	1271	51	48	48	48	49	94%	94%	94%	96%	P	P	P	P	U
b1020	phoH	1084215	1085279	+	1064	42	37	37	38	38	88%	88%	90%	90%	P	P	P	P	U
b1025	ycdT	1092099	1093457	+	1358	54	4	5	6	11	7%	9%	11%	20%	P	P	P	P	U
b1028	ymdE	1094728	1095069	+	341	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1029	ycdU	1095066	1096052	+	986	39	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1033	ghrA	1097109	1098047	+	938	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b1034	ycdX	1098102	1098839	+	737	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	U
b1035	ycdY	1098863	1099417	+	554	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b1036	ycdZ	1099519	1100010	+	491	19	18	19	19	19	95%	100%	100%	100%	P	P	P	P	U
b1041	csgB	1103174	1103629	+	455	18	0	1	1	2	0%	6%	6%	11%	A	P	P	P	
b1042	csgA	1103670	1104125	+	455	18	7	13	13	13	39%	72%	72%	72%	P	P	P	P	
b1043	csgC	1104184	1104516	+	332	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1044	ymdA	1104637	1104948	+	311	13	0	0	1	1	0%	0%	8%	8%	A	A	P	P	U
b1045	ymdB	1105043	1105576	+	533	21	19	19	21	21	90%	90%	100%	100%	P	P	P	P	U
b1046	ymdC	1105578	1106999	+	1421	57	27	27	31	33	47%	47%	54%	58%	P	P	P	P	U
b1048	mdoG	1108558	1110093	+	1535	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b1049	mdoH	1110086	1112629	+	2543	102	102	102	102	102	100%	100%	100%	100%	P	P	P	P	
b1050	yceK	1112802	1113029	+	227	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1055	yceA	1116030	1117082	+	1052	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	U
b1066	rimJ	1124785	1125369	+	584	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b1067	yceH	1125380	1126027	+	647	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b1068	yceM	1126029	1126952	+	923	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	U
b1069	yceN	1127062	1128597	+	1535	61	48	48	48	48	79%	79%	79%	79%	P	P	P	P	U
b1073	flgB	1130241	1130657	+	416	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1074	flgC	1130661	1131065	+	404	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1075	flgD	1131077	1131772	+	695	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1076	flgE	1131797	1133005	+	1208	49	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1077	flgF	1133025	1133780	+	755	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1078	flgG	1133952	1134734	+	782	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1079	flgH	1134787	1135485	+	698	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	

b1080	flgI	1135497	1136594	+	1097	44	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1081	flgJ	1136594	1137535	+	941	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1082	flgK	1137601	1139244	+	1643	66	4	19	23	23	6%	29%	35%	35%	P	P	P	P	
b1083	flgL	1139256	1140209	+	953	38	6	17	22	22	16%	45%	58%	58%	P	P	P	P	
b1085	yceQ	1143725	1144045	+	320	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1086	rluC	1144163	1145122	+	959	38	37	37	37	37	97%	97%	97%	97%	P	P	P	P	
b4418	psrD	1145812	1145980	+	168	7	5	6	7	7	71%	86%	100%	100%	P	P	P	P	U
b1088	yceD	1146017	1146538	+	521	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	U
b1089	rpmF	1146590	1146763	+	173	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	
b1090	plsX	1146844	1147914	+	1070	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b1091	fabH	1147982	1148935	+	953	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b1092	fabD	1148951	1149880	+	929	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b1093	fabG	1149893	1150627	+	734	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b1094	acpP	1150838	1151074	+	236	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b1095	fabF	1151162	1152403	+	1241	49	48	48	48	48	98%	98%	98%	98%	P	P	P	P	
b1096	pabC	1152523	1153332	+	809	33	26	29	29	30	79%	88%	88%	91%	P	P	P	P	
b1097	yceG	1153335	1154357	+	1022	41	36	36	36	36	88%	88%	88%	88%	P	P	P	P	U
b1098	tmk	1154347	1154988	+	641	26	25	25	25	25	96%	96%	96%	96%	P	P	P	P	
b1099	holB	1154985	1155989	+	1004	40	39	39	39	39	98%	98%	98%	98%	P	P	P	P	
b1100	ycfH	1156000	1156797	+	797	32	31	31	32	32	97%	97%	100%	100%	P	P	P	P	U
b1101	ptsG	1157092	1158525	+	1433	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	
b1103	hinT	1161108	1161467	+	359	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b1104	ycfL	1161470	1161847	+	377	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b1105	ycfM	1161861	1162502	+	641	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	U
b1106	thiK	1162483	1163307	+	824	33	32	32	32	32	97%	97%	97%	97%	P	P	P	P	
b1107	nagZ	1163318	1164343	+	1025	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b1108	ycfP	1164366	1164908	+	542	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b1109	ndh	1165308	1166612	+	1304	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b1110	ycfJ	1166822	1167361	+	539	22	3	19	19	19	14%	86%	86%	86%	P	P	P	P	U
b1112	bhsA	1168296	1168553	+	257	10	9	9	10	10	90%	90%	100%	100%	P	P	P	P	U
b1116	lolC	1174650	1175849	+	1199	48	47	47	47	47	98%	98%	98%	98%	P	P	P	P	
b1117	lolD	1175842	1176543	+	701	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b1118	lolE	1176543	1177787	+	1244	50	49	49	49	49	98%	98%	98%	98%	P	P	P	P	
b1119	nagK	1177816	1178727	+	911	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b1120	cobB	1178743	1179582	+	839	34	33	33	33	33	97%	97%	97%	97%	P	P	P	P	
b1127	pepT	1185067	1186293	+	1226	49	46	47	47	48	94%	96%	96%	98%	P	P	P	P	
b1136	icd	1194346	1195596	+	1250	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
GO-8897	C0293	1195937	1196009	+	72	3	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1139	lit	1197918	1198811	+	893	36	10	10	10	13	28%	28%	28%	36%	P	P	P	P	
b1143	ymfI	1200720	1201061	+	341	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b1146	ymfT	1202247	1202447	+	200	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1147	ymfL	1202491	1203048	+	557	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1148	ymfM	1203045	1203383	+	338	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1149	ymfN	1203393	1204760	+	1367	55	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1150	ymfR	1204772	1204954	+	182	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1151	ymfO	1204954	1205365	+	411	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b1152	ymfP	1205366	1206145	+	779	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1153	ymfQ	1206136	1206720	+	584	23	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1154	ycfK	1206724	1207353	+	629	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1155	ymfS	1207355	1207768	+	413	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1158	pinE	1208908	1209462	+	554	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1159	mcrA	1209569	1210402	+	833	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4519	icdC	1210636	1210800	+	164	7	5	5	5	5	71%	71%	71%	71%	P	P	P	P	U
b1164	ycgZ	1215012	1215248	+	236	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b1165	ymgA	1215291	1215563	+	272	11	7	7	11	11	64%	64%	100%	100%	P	P	P	P	U
b1166	ariR	1215592	1215858	+	266	11	6	6	9	9	55%	55%	82%	82%	P	P	P	P	U
b1167	ymgC	1215971	1216219	+	248	10	0	1	6	6	0%	10%	60%	60%	A	P	P	P	U
b1168	ycgG	1216551	1218074	+	1523	61	0	0	8	8	0%	0%	13%	13%	A	A	P	P	U
b4520	ymgF	1218206	1218424	+	218	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4491	ycgH	1218824	1221471	+	2647	106	26	30	36	38	25%	28%	34%	36%	P	P	P	P	U
b4594	ymgJ	1222487	1222672	+	185	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4521	ycgI	1222787	1223130	+	343	14	0	5	10	10	0%	36%	71%	71%	A	P	P	P	U
b1177	ycgJ	1225823	1226191	+	368	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b1179	ycgL	1226904	1227230	+	326	13	12	12	12	13	92%	92%	92%	100%	P	P	P	P	U
b1180	ycgM	1227302	1227961	+	659	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b1181	ycgN	1228038	1228499	+	461	19	17	17	19	19	89%	89%	100%	100%	P	P	P	P	U
G0-8898	C0299	1229852	1229930	+	78	3	0	0	1	1	0%	0%	33%	33%	A	A	P	P	
b1183	umuD	1229990	1230409	+	419	17	1	1	5	5	6%	6%	29%	29%	P	P	P	P	
b1184	umuC	1230409	1231677	+	1268	51	4	4	7	8	8%	8%	14%	16%	P	P	P	P	
b1187	fadR	1234161	1234880	+	719	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b1189	dadA	1236794	1238092	+	1298	52	51	51	51	51	98%	98%	98%	98%	P	P	P	P	
b1190	dadX	1238102	1239172	+	1070	43	32	32	34	34	74%	74%	79%	79%	P	P	P	P	
b1193	emtA	1242403	1243014	+	611	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b1195	ymgE	1243951	1244205	+	254	10	6	9	10	10	60%	90%	100%	100%	P	P	P	P	U
b1196	ycgY	1244383	1244823	+	440	17	0	2	7	7	0%	12%	41%	41%	A	P	P	P	U
b1201	dhaR	1250289	1252208	+	1919	77	25	39	39	39	32%	51%	51%	51%	P	P	P	P	U
b1205	ychH	1258014	1258292	+	278	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b1210	hemA	1262937	1264193	+	1256	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b1211	prfA	1264235	1265317	+	1082	43	42	42	42	42	98%	98%	98%	98%	P	P	P	P	
b1212	prmC	1265317	1266150	+	833	34	23	23	23	23	68%	68%	68%	68%	P	P	P	P	
b1213	ychQ	1266147	1266539	+	392	16	8	8	8	8	50%	50%	50%	50%	P	P	P	P	U
b1214	ychA	1266543	1267352	+	809	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	U
b1215	kdsA	1267388	1268242	+	854	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	
b4420	rdlA	1268546	1268612	+	66	3	2	2	2	2	67%	67%	67%	67%	P	P	P	P	
b4422	rdlB	1269081	1269146	+	65	2	0	0	1	1	0%	0%	50%	50%	A	A	P	P	
b4424	rdlC	1269616	1269683	+	67	3	2	2	2	2	67%	67%	67%	67%	P	P	P	P	
b1217	chaB	1271342	1271572	+	230	9	8	9	9	9	89%	100%	100%	100%	P	P	P	P	U
b1218	chaC	1271730	1272425	+	695	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b1220	ychO	1273007	1274401	+	1394	56	31	31	31	36	55%	55%	55%	64%	P	P	P	P	U
b1223	narK	1277180	1278571	+	1391	55	0	0	18	18	0%	0%	33%	33%	A	A	P	P	
b1224	narG	1279087	1282830	+	3743	150	0	0	0	50	0%	0%	0%	33%	A	A	A	P	
b1225	narH	1282827	1284365	+	1538	61	0	0	5	5	0%	0%	8%	8%	A	A	P	P	

b1226	narJ	1284362	1285072	+	710	28	0	0	1	1	0%	0%	4%	4%	A	A	P	P	
b1227	narI	1285072	1285749	+	677	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1228	ychS	1285932	1286207	+	275	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1234	rssA	1288429	1289373	+	944	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	U
b1235	rssB	1289465	1290478	+	1013	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b1236	galU	1290680	1291588	+	908	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b1238	tdk	1292750	1293367	+	617	25	23	23	23	23	92%	92%	92%	92%	P	P	P	P	
b1242	ychE	1297821	1298468	+	647	26	0	4	4	4	0%	15%	15%	15%	A	P	P	P	U
b1243	oppA	1299206	1300837	+	1631	65	65	65	65	65	100%	100%	100%	100%	P	P	P	P	
b1244	oppB	1300923	1301843	+	920	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b1245	oppC	1301858	1302766	+	908	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b1246	oppD	1302778	1303791	+	1013	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b1247	oppF	1303788	1304792	+	1004	40	38	38	38	38	95%	95%	95%	95%	P	P	P	P	
b4595	yciY	1306812	1306985	+	173	7	6	6	6	6	86%	86%	86%	86%	P	P	P	P	U
b1252	tonB	1309113	1309832	+	719	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b1256	ompW	1312044	1312682	+	638	26	23	26	26	26	88%	100%	100%	100%	P	P	P	P	
b1266	trpH	1321244	1322125	+	881	35	33	33	33	33	94%	94%	94%	94%	P	P	P	P	U
b1267	yciO	1322122	1322742	+	620	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	U
b1268	yciQ	1322770	1324665	+	1895	76	14	15	16	20	18%	20%	21%	26%	P	P	P	P	U
b1269	rluB	1324876	1325751	+	875	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b1272	sohB	1327356	1328405	+	1049	42	41	41	41	41	98%	98%	98%	98%	P	P	P	P	U
b1274	topA	1329072	1331669	+	2597	104	102	102	102	103	98%	98%	98%	99%	P	P	P	P	
b1275	cysB	1331879	1332853	+	974	39	35	35	35	37	90%	90%	90%	95%	P	P	P	P	
b4522	ymiA	1333184	1333312	+	128	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	U
b4523	yciX	1333315	1333482	+	167	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	U
b1276	acnA	1333855	1336530	+	2675	107	107	107	107	107	100%	100%	100%	100%	P	P	P	P	
b1278	pgpB	1337354	1338118	+	764	31	27	27	27	27	87%	87%	87%	87%	P	P	P	P	
b1279	yciS	1338267	1338575	+	308	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b1280	yciM	1338582	1339751	+	1169	47	44	46	46	46	94%	98%	98%	98%	P	P	P	P	U
b1281	pyrF	1339945	1340682	+	737	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b1282	yciH	1340682	1341008	+	326	13	12	12	12	12	92%	92%	92%	92%	P	P	P	P	U
b1298	puuD	1359144	1359908	+	764	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b1299	puuR	1359935	1360492	+	557	23	22	22	22	22	96%	96%	96%	96%	P	P	P	P	
b1300	puuC	1360767	1362254	+	1487	59	54	54	54	54	92%	92%	92%	92%	P	P	P	P	
b1301	puuB	1362256	1363536	+	1280	51	39	39	39	39	76%	76%	76%	76%	P	P	P	P	
b1302	puuE	1363574	1364839	+	1265	50	23	23	23	23	46%	46%	46%	46%	P	P	P	P	
b1304	pspA	1366103	1366771	+	668	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b1305	pspB	1366825	1367049	+	224	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b1306	pspC	1367049	1367408	+	359	14	11	14	14	14	79%	100%	100%	100%	P	P	P	P	
b1307	pspD	1367417	1367638	+	221	8	7	8	8	8	88%	100%	100%	100%	P	P	P	P	
b1308	pspE	1367713	1368027	+	314	13	11	11	11	11	85%	85%	85%	85%	P	P	P	P	
b1309	ycjM	1368240	1369919	+	1679	68	0	0	4	4	0%	0%	6%	6%	A	A	P	P	U
b1310	ycjN	1369933	1371225	+	1292	52	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b1311	ycjO	1371246	1372127	+	881	35	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b1312	ycjP	1372114	1372956	+	842	34	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b1313	ycjQ	1372987	1374039	+	1052	42	0	0	3	4	0%	0%	7%	10%	A	A	P	P	U

b1314	ycjR	1374058	1374846	+	788	32	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b1315	ycjS	1374856	1375911	+	1055	42	0	0	1	3	0%	0%	2%	7%	A	A	P	P	U
b1316	ycjT	1375908	1378175	+	2267	91	0	0	5	5	0%	0%	5%	5%	A	A	P	P	U
b1317	ycjU	1378172	1378831	+	659	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4524	ycjV	1378845	1379926	+	1081	43	0	0	0	1	0%	0%	0%	2%	A	A	A	P	U
b1319	ompG	1379971	1380876	+	905	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1321	ycjX	1382141	1383538	+	1397	56	54	56	56	56	96%	100%	100%	100%	P	P	P	P	U
b1322	ycjF	1383535	1384596	+	1061	43	30	43	43	43	70%	100%	100%	100%	P	P	P	P	U
b1323	tyrR	1384744	1386285	+	1541	61	60	60	60	60	98%	98%	98%	98%	P	P	P	P	
b1325	ycjG	1386954	1387919	+	965	39	28	29	33	33	72%	74%	85%	85%	P	P	P	P	
b1328	ycjZ	1390015	1390914	+	899	36	24	24	24	24	67%	67%	67%	67%	P	P	P	P	U
b1329	mppA	1391251	1392864	+	1613	64	56	56	56	56	88%	88%	88%	88%	P	P	P	P	
b1331	insH	1394100	1395116	+	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b1332	ynaJ	1395389	1395646	+	257	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b1339	abgR	1402765	1403673	+	908	37	2	2	3	33	5%	5%	8%	89%	P	P	P	P	U
b1340	ydaL	1404003	1404566	+	563	22	21	22	22	22	95%	100%	100%	100%	P	P	P	P	U
b1342	ydaN	1406074	1407057	+	983	39	35	36	37	37	90%	92%	95%	95%	P	P	P	P	U
GO-8900	C0343	1407387	1407461	+	74	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1343	dbpA	1407535	1408908	+	1373	55	38	38	38	38	69%	69%	69%	69%	P	P	P	P	
b1353	sieB	1416695	1417183	+	488	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1357	ydaS	1418389	1418685	+	296	12	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1358	ydaT	1418708	1419130	+	422	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1359	ydaU	1419143	1420000	+	857	34	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1360	ydaV	1420007	1420753	+	746	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1361	ydaW	1420725	1421224	+	499	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1362	rzpR	1421225	1421668	+	443	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4528	rzoR	1421424	1421609	+	185	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1363	trkG	1421806	1423263	+	1457	59	10	10	11	14	17%	17%	19%	24%	P	P	P	P	
b1365	ynaK	1423401	1423664	+	263	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1366	ydaY	1423654	1424106	+	452	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1368	ynaA	1424478	1425410	+	932	37	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4570	lomR	1425413	1425622	+	209	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4570	lomR	1426819	1427008	+	189	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1372	stfR	1427073	1430435	+	3362	134	0	0	17	17	0%	0%	13%	13%	A	A	P	P	U
b1373	tfaR	1430435	1431010	+	575	23	0	0	2	4	0%	0%	9%	17%	A	A	P	P	U
b4427	micC	1435145	1435253	+	108	4	0	0	0	1	0%	0%	0%	25%	A	A	A	P	
b4529	ydbJ	1439082	1439348	+	266	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b1381	ydbH	1441075	1443714	+	2639	106	54	54	57	57	51%	51%	54%	54%	P	P	P	P	U
b1382	ynbE	1443711	1443896	+	185	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b1383	ydbL	1443904	1444230	+	326	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b1385	feaB	1445543	1447042	+	1499	60	13	13	32	32	22%	22%	53%	53%	P	P	P	P	
b1388	paaA	1451951	1452880	+	929	37	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1389	paaB	1452892	1453179	+	287	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1390	paaC	1453188	1453934	+	746	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1391	paaD	1453943	1454446	+	503	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1392	paaE	1454454	1455524	+	1070	43	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b1393	paaF	1455521	1456288	+	767	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1394	paaG	1456288	1457076	+	788	32	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1395	paaH	1457078	1458505	+	1427	57	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1396	paaI	1458495	1458917	+	422	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1397	paaJ	1458917	1460122	+	1205	48	7	7	13	13	15%	15%	27%	27%	P	P	P	P	U
b1398	paaK	1460149	1461462	+	1313	52	4	4	5	5	8%	8%	10%	10%	P	P	P	P	
b1399	paaX	1461563	1462513	+	950	39	37	37	37	38	95%	95%	95%	97%	P	P	P	P	
b1400	paaY	1462495	1463085	+	590	23	20	20	23	23	87%	87%	100%	100%	P	P	P	P	U
b4492	ydbA	1463416	1465928	+	2512	100	12	15	27	28	12%	15%	27%	28%	P	P	P	P	U
b4492	ydbA	1467265	1467317	+	52	2	0	0	2	2	0%	0%	100%	100%	A	A	P	P	U
b1404	insI	1467382	1468533	+	1151	46	44	44	44	44	96%	96%	96%	96%	P	P	P	P	
b4492	ydbA	1468541	1472037	+	3496	139	128	131	131	131	92%	94%	94%	94%	P	P	P	P	U
b1406	ydbC	1472245	1473105	+	860	34	17	17	17	21	50%	50%	50%	62%	P	P	P	P	U
b1407	ydbD	1473168	1475474	+	2306	92	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1408	ynbA	1475645	1476250	+	605	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1409	ynbB	1476250	1477146	+	896	35	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1410	ynbC	1477162	1478919	+	1757	70	0	0	4	4	0%	0%	6%	6%	A	A	P	P	U
b1411	ynbD	1478933	1480225	+	1292	52	4	7	9	9	8%	13%	17%	17%	P	P	P	P	U
b1413	hrpA	1481085	1484987	+	3902	156	148	148	149	149	95%	95%	96%	96%	P	P	P	P	
b1414	ydcF	1485259	1486059	+	800	32	30	30	30	30	94%	94%	94%	94%	P	P	P	P	U
b1415	aldA	1486256	1487695	+	1439	58	58	58	58	58	100%	100%	100%	100%	P	P	P	P	
b1418	cybB	1488926	1489456	+	530	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b1419	ydcA	1489701	1489874	+	173	7	6	6	6	6	86%	86%	86%	86%	P	P	P	P	U
b4429	sokB	1490143	1490198	+	55	2	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1421	trg	1490494	1492134	+	1640	65	5	5	10	10	8%	8%	15%	15%	P	P	P	P	
b1423	ydcJ	1493312	1494655	+	1343	54	8	8	35	35	15%	15%	65%	65%	P	P	P	P	U
b1424	mdoD	1494880	1496535	+	1655	66	58	58	58	59	88%	88%	88%	89%	P	P	P	P	
b1426	ydcH	1496675	1496899	+	224	9	2	4	9	9	22%	44%	100%	100%	P	P	P	P	U
b1427	rimL	1496962	1497501	+	539	21	15	15	15	18	71%	71%	71%	86%	P	P	P	P	
b1429	tehA	1498597	1499589	+	992	40	25	25	26	30	63%	63%	65%	75%	P	P	P	P	
b1430	tehB	1499586	1500179	+	593	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	U
b1431	ydcL	1500481	1501149	+	668	26	24	24	26	26	92%	92%	100%	100%	P	P	P	P	U
b1432	ydcM	1501681	1502889	+	1208	48	33	33	33	33	69%	69%	69%	69%	P	P	P	P	U
b1434	ydcN	1504196	1504732	+	536	22	13	13	14	14	59%	59%	64%	64%	P	P	P	P	U
b1435	ydcP	1504805	1506766	+	1961	79	73	73	74	74	92%	92%	94%	94%	P	P	P	P	U
b4532	yncN	1507310	1507486	+	176	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b1438	ydcQ	1507532	1507948	+	416	17	15	15	17	17	88%	88%	100%	100%	P	P	P	P	U
b1439	ydcR	1508027	1509433	+	1406	56	34	34	34	35	61%	61%	61%	63%	P	P	P	P	U
b1440	ydcS	1509678	1510823	+	1145	45	10	12	45	45	22%	27%	100%	100%	P	P	P	P	U
b1441	ydcT	1510841	1511854	+	1013	41	3	4	38	41	7%	10%	93%	100%	P	P	P	P	U
b1442	ydcU	1511855	1512796	+	941	37	1	1	19	35	3%	3%	51%	95%	P	P	P	P	U
b1443	ydcV	1512786	1513580	+	794	32	5	5	7	31	16%	16%	22%	97%	P	P	P	P	U
b1444	ydcW	1513602	1515026	+	1424	57	31	31	31	57	54%	54%	54%	100%	P	P	P	P	
b1445	ydcX	1515413	1515586	+	173	7	6	6	6	6	86%	86%	86%	86%	P	P	P	P	U
b1446	ydcY	1515672	1515905	+	233	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b1449	yncB	1517027	1518088	+	1061	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	U

b1450	yncC	1518286	1518951	+	665	27	11	13	13	16	41%	48%	48%	59%	P	P	P	P	U
b1452	yncE	1521331	1522392	+	1061	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	U
b1454	yncG	1524271	1524888	+	617	25	0	1	1	13	0%	4%	4%	52%	A	P	P	P	U
b1455	yncH	1524964	1525176	+	212	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1456	rhsE	1525926	1527962	+	2036	81	9	9	12	12	11%	11%	15%	15%	P	P	P	P	U
b1457	ydcD	1527946	1528428	+	482	19	1	2	2	2	5%	11%	11%	11%	P	P	P	P	U
b1459	yncI	1528610	1529663	+	1053	42	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1460	ydcC	1529840	1530976	+	1136	45	0	1	1	1	0%	2%	2%	2%	A	P	P	P	U
b1461	pptA	1531076	1531309	+	233	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b1463	nhoA	1532048	1532893	+	845	34	15	15	18	29	44%	44%	53%	85%	P	P	P	P	
b1474	fdnG	1545425	1548472	+	3047	122	0	9	16	18	0%	7%	13%	15%	A	P	P	P	
b1475	fdnH	1548485	1549369	+	884	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1476	fdnI	1549362	1550015	+	653	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
G0-8902	C0362	1550025	1550410	+	385	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1482	osmC	1554649	1555080	+	431	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b1513	lsrA	1599514	1601049	+	1535	61	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1514	lsrC	1601043	1602071	+	1028	41	0	0	2	2	0%	0%	5%	5%	A	A	P	P	
b1515	lsrD	1602071	1603063	+	992	40	0	0	4	5	0%	0%	10%	13%	A	A	P	P	
b1516	lsrB	1603075	1604097	+	1022	41	2	2	5	6	5%	5%	12%	15%	P	P	P	P	
b1517	lsrF	1604124	1604999	+	875	35	6	8	8	12	17%	23%	23%	34%	P	P	P	P	
b1518	lsrG	1605023	1605313	+	290	12	1	2	2	2	8%	17%	17%	17%	P	P	P	P	
b1519	tam	1605370	1606128	+	758	30	24	25	26	29	80%	83%	87%	97%	P	P	P	P	
b1526	yneJ	1612828	1613709	+	881	35	14	14	16	16	40%	40%	46%	46%	P	P	P	P	U
b1527	yneK	1613787	1614902	+	1115	45	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1528	ydeA	1615052	1616242	+	1190	48	42	42	42	44	88%	88%	88%	92%	P	P	P	P	U
b1530	marR	1617144	1617578	+	434	17	13	13	13	13	76%	76%	76%	76%	P	P	P	P	
b1531	marA	1617598	1617981	+	383	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b1532	marB	1618013	1618231	+	218	8	0	2	2	2	0%	25%	25%	25%	A	P	P	P	U
b1534	ydeE	1619356	1620543	+	1187	48	0	0	4	6	0%	0%	8%	13%	A	A	P	P	U
b4599	yneM	1620670	1620765	+	95	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	U
b1537	ydeJ	1622797	1623315	+	518	21	0	3	6	6	0%	14%	29%	29%	A	P	P	P	U
b1539	ydfG	1625541	1626287	+	746	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b1540	ydfH	1626376	1627062	+	686	28	26	26	26	26	93%	93%	93%	93%	P	P	P	P	U
b1541	ydfZ	1627239	1627442	+	203	8	7	8	8	8	88%	100%	100%	100%	P	P	P	P	U
b1544	ydfK	1631063	1631329	+	266	10	0	2	2	2	0%	20%	20%	20%	A	P	P	P	U
b1545	pinQ	1631646	1632236	+	590	23	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4533	ynfO	1634780	1635013	+	233	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1549	ydfO	1635071	1635481	+	410	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1558	cspF	1639879	1640091	+	212	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1565	ydfV	1643921	1644226	+	305	12	0	5	5	5	0%	42%	42%	42%	A	P	P	P	U
b1566	flxA	1644429	1644761	+	332	13	0	11	11	11	0%	85%	85%	85%	A	P	P	P	U
b1570	dicA	1645958	1646365	+	407	17	13	13	13	13	76%	76%	76%	76%	P	P	P	P	U
b1571	ydfA	1646532	1646687	+	155	6	0	2	3	3	0%	33%	50%	50%	A	P	P	P	U
b1572	ydfB	1646689	1646817	+	128	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1573	rzpQ	1646910	1647005	+	95	4	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1574	dicF	1647406	1647458	+	52	2	0	0	1	1	0%	0%	50%	50%	A	A	P	P	

b1575	dicB	1647633	1647821	+	188	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1576	ydfD	1647818	1648009	+	191	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1577	ydfE	1648102	1648866	+	764	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1578	insD	1648869	1649561	+	692	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	U
b1579	intQ	1649575	1650732	+	1157	46	0	3	3	3	0%	7%	7%	7%	A	P	P	P	U
b1583	ynfB	1653832	1654173	+	341	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b1584	speG	1654208	1654768	+	560	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b1586	ynfD	1655589	1655894	+	305	12	10	10	11	11	83%	83%	92%	92%	P	P	P	P	U
b1587	ynfE	1656093	1658519	+	2426	97	5	29	41	50	5%	30%	42%	52%	P	P	P	P	
b1588	ynfF	1658580	1661003	+	2423	97	27	27	28	30	28%	28%	29%	31%	P	P	P	P	
b1589	ynfG	1661014	1661631	+	617	25	8	8	9	9	32%	32%	36%	36%	P	P	P	P	
b1590	ynfH	1661633	1662487	+	854	34	13	14	16	17	38%	41%	47%	50%	P	P	P	P	
b1591	dmsD	1662530	1663144	+	614	24	21	21	21	22	88%	88%	88%	92%	P	P	P	P	
b1592	clcB	1663339	1664595	+	1256	51	2	2	3	3	4%	4%	6%	6%	P	P	P	P	U
b1596	ynfM	1667723	1668976	+	1253	50	11	11	11	47	22%	22%	22%	94%	P	P	P	P	U
b1597	asr	1669400	1669708	+	308	12	6	6	7	11	50%	50%	58%	92%	P	P	P	P	
b4601	ydgU	1669801	1669884	+	83	3	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1598	ydgD	1669984	1670805	+	821	33	27	27	33	33	82%	82%	100%	100%	P	P	P	P	U
b1601	tqsA	1671937	1672971	+	1034	42	3	27	27	27	7%	64%	64%	64%	P	P	P	P	U
b1604	ydgH	1676451	1677395	+	944	38	36	36	36	36	95%	95%	95%	95%	P	P	P	P	U
b1605	ydgI	1677581	1678963	+	1382	55	4	7	8	10	7%	13%	15%	18%	P	P	P	P	U
b1606	folM	1679000	1679722	+	722	29	20	20	20	24	69%	69%	69%	83%	P	P	P	P	
b1608	rstA	1680183	1680902	+	719	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b1609	rstB	1680906	1682207	+	1301	52	44	44	44	51	85%	85%	85%	98%	P	P	P	P	
b1610	tus	1682283	1683212	+	929	37	33	33	37	37	89%	89%	100%	100%	P	P	P	P	
b1613	manA	1686600	1687775	+	1175	47	45	45	45	45	96%	96%	96%	96%	P	P	P	P	
b1614	ydgA	1687876	1689384	+	1508	60	60	60	60	60	100%	100%	100%	100%	P	P	P	P	U
b1621	malX	1697379	1698971	+	1592	64	3	38	38	38	5%	59%	59%	59%	P	P	P	P	
b1622	malY	1698981	1700153	+	1172	47	35	35	35	35	74%	74%	74%	74%	P	P	P	P	
b1623	add	1700257	1701258	+	1001	40	30	30	30	30	75%	75%	75%	75%	P	P	P	P	
b4409	blr	1702575	1702700	+	125	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b1625	cnu	1702973	1703188	+	215	8	7	7	7	7	88%	88%	88%	88%	P	P	P	P	U
b1626	ydgK	1703274	1703714	+	440	17	15	15	15	15	88%	88%	88%	88%	P	P	P	P	U
b1627	rsxA	1703791	1704372	+	581	24	22	22	22	22	92%	92%	92%	92%	P	P	P	P	U
b1628	rsxB	1704372	1704950	+	578	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b1629	rsxC	1704943	1707165	+	2222	89	88	88	88	88	99%	99%	99%	99%	P	P	P	P	U
b1630	rsxD	1707166	1708224	+	1058	43	42	42	42	42	98%	98%	98%	98%	P	P	P	P	U
b1631	rsxG	1708228	1708848	+	620	25	24	24	24	24	96%	96%	96%	96%	P	P	P	P	U
b1632	rsxE	1708852	1709547	+	695	28	25	25	25	25	89%	89%	89%	89%	P	P	P	P	U
b1633	nth	1709547	1710182	+	635	25	22	22	22	22	88%	88%	88%	88%	P	P	P	P	
b1634	tppB	1710793	1712295	+	1502	60	8	16	16	16	13%	27%	27%	27%	P	P	P	P	U
b1635	gst	1712401	1713006	+	605	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b1641	slyB	1717900	1718367	+	467	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b1643	ydhI	1719049	1719285	+	236	9	2	4	4	4	22%	44%	44%	44%	P	P	P	P	U
b1644	ydhJ	1719288	1720145	+	857	34	3	3	3	3	9%	9%	9%	9%	P	P	P	P	
b1645	ydhK	1720145	1722157	+	2012	81	3	3	7	7	4%	4%	9%	9%	P	P	P	P	U

b1649	ydhM	1724047	1724646	+	599	24	9	9	9	10	38%	38%	38%	42%	P	P	P	P	U
b1650	nemA	1724683	1725780	+	1097	44	35	35	35	35	80%	80%	80%	80%	P	P	P	P	
b1651	gloA	1725861	1726268	+	407	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b1652	rnt	1726371	1727018	+	647	26	24	24	24	25	92%	92%	92%	96%	P	P	P	P	
b1653	lhr	1727111	1731727	+	4616	185	48	48	50	62	26%	26%	27%	34%	P	P	P	P	U
b1655	ydhO	1732459	1733274	+	815	33	31	31	31	31	94%	94%	94%	94%	P	P	P	P	U
b1656	sodB	1733402	1733983	+	581	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b1658	purR	1735868	1736893	+	1025	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b1660	ydhC	1737935	1739146	+	1211	49	16	16	16	17	33%	33%	33%	35%	P	P	P	P	U
b1661	cfa	1739437	1740585	+	1148	46	45	45	45	46	98%	98%	98%	100%	P	P	P	P	
b1663	mdtK	1741481	1742854	+	1373	55	51	52	52	52	93%	95%	95%	95%	P	P	P	P	
b1665	valV	1744459	1744535	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1666	valW	1744540	1744616	+	76	4	3	3	3	3	75%	75%	75%	75%	P	P	P	P	
b1667	ydhR	1744724	1745029	+	305	12	11	11	11	11	92%	92%	92%	92%	P	P	P	P	U
b1668	ydhS	1745155	1746759	+	1604	64	47	47	52	55	73%	73%	81%	86%	P	P	P	P	U
b1676	pykF	1753722	1755134	+	1412	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b1677	lpp	1755445	1755681	+	236	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b1688	ydiK	1767098	1768210	+	1112	44	38	38	40	40	86%	86%	91%	91%	P	P	P	P	U
b4431	rprA	1768396	1768501	+	105	4	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1689	ydiL	1768639	1768995	+	356	15	0	0	3	3	0%	0%	20%	20%	A	A	P	P	U
b1690	ydiM	1769095	1770309	+	1214	49	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b1691	ydiN	1770530	1771801	+	1271	51	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b1692	ydiB	1771813	1772679	+	866	35	3	3	4	4	9%	9%	11%	11%	P	P	P	P	
b1693	aroD	1772710	1773468	+	758	30	29	29	29	29	97%	97%	97%	97%	P	P	P	P	
b1694	ydiF	1773611	1775206	+	1595	64	0	0	5	5	0%	0%	8%	8%	A	A	P	P	U
b1695	ydiO	1775220	1776371	+	1151	47	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b1697	ydiQ	1777641	1778405	+	764	31	0	0	3	3	0%	0%	10%	10%	A	A	P	P	U
b1698	ydiR	1778425	1779363	+	938	37	0	0	7	7	0%	0%	19%	19%	A	A	P	P	U
b1699	ydiS	1779419	1780708	+	1289	52	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b1700	ydiT	1780705	1780998	+	293	12	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1701	fadK	1781055	1782701	+	1646	66	0	0	3	3	0%	0%	5%	5%	A	A	P	P	
b1703	ydiA	1785469	1786302	+	833	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	U
b1704	aroH	1786459	1787505	+	1046	42	41	41	41	41	98%	98%	98%	98%	P	P	P	P	
b1705	ydiE	1787637	1787828	+	191	8	1	1	1	4	13%	13%	13%	50%	P	P	P	P	U
b4494	arpB	1801118	1803017	+	1899	76	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4535	yniD	1803189	1803296	+	107	4	3	3	3	3	75%	75%	75%	75%	P	P	P	P	U
b1723	pfkB	1804394	1805323	+	929	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b1724	ydiZ	1805424	1805714	+	290	11	10	10	10	11	91%	91%	91%	100%	P	P	P	P	U
b1725	yniA	1805820	1806680	+	860	35	34	34	35	35	97%	97%	100%	100%	P	P	P	P	U
b1727	yniC	1807404	1808072	+	668	27	26	26	26	26	96%	96%	96%	96%	P	P	P	P	U
b1728	ydjM	1808223	1808825	+	602	24	0	1	9	10	0%	4%	38%	42%	A	P	P	P	U
b1729	ydjN	1808958	1810349	+	1391	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	U
b1732	katE	1811891	1814152	+	2261	90	89	89	89	90	99%	99%	99%	100%	P	P	P	P	
b1740	nadE	1820482	1821309	+	827	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b1741	cho	1821539	1822426	+	887	35	24	24	24	24	69%	69%	69%	69%	P	P	P	P	
b1749	xthA	1830452	1831258	+	806	32	31	31	31	31	97%	97%	97%	97%	P	P	P	P	

b1750	ydjX	1831425	1832135	+	710	29	0	0	0	26	0%	0%	0%	90%	A	A	A	P	U
b1751	ydjY	1832140	1832817	+	677	27	1	12	12	20	4%	44%	44%	74%	P	P	P	P	U
b1752	ydjZ	1832832	1833539	+	707	29	2	7	9	12	7%	24%	31%	41%	P	P	P	P	U
b1753	ynjA	1833539	1834087	+	548	22	13	13	13	16	59%	59%	59%	73%	P	P	P	P	U
b1754	ynjB	1834097	1835263	+	1166	47	20	20	20	23	43%	43%	43%	49%	P	P	P	P	U
b1755	ynjC	1835236	1836771	+	1535	61	4	4	10	10	7%	7%	16%	16%	P	P	P	P	
b1756	ynjD	1836771	1837424	+	653	26	4	4	4	5	15%	15%	15%	19%	P	P	P	P	U
b1757	ynjE	1837491	1838798	+	1307	52	27	27	28	43	52%	52%	54%	83%	P	P	P	P	U
b1759	nudG	1839514	1839921	+	407	16	9	9	9	9	56%	56%	56%	56%	P	P	P	P	
b1761	gdhA	1840395	1841738	+	1343	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	
b1766	sppA	1846861	1848717	+	1856	74	71	71	71	71	96%	96%	96%	96%	P	P	P	P	
b1767	ansA	1848884	1849900	+	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b1768	pncA	1849911	1850552	+	641	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b1779	gapA	1860795	1861790	+	995	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b1780	yeaD	1861874	1862758	+	884	35	34	34	34	34	97%	97%	97%	97%	P	P	P	P	U
b1783	yeaG	1864932	1866866	+	1934	77	77	77	77	77	100%	100%	100%	100%	P	P	P	P	U
b1784	yeaH	1866979	1868262	+	1283	51	35	35	51	51	69%	69%	100%	100%	P	P	P	P	U
b1785	yeaI	1868409	1869884	+	1475	59	0	0	15	15	0%	0%	25%	25%	A	A	P	P	U
b1786	yeaJ	1870065	1871555	+	1490	60	9	21	21	21	15%	35%	35%	35%	P	P	P	P	U
b1787	yeaK	1871598	1872101	+	503	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	U
b1789	yeaL	1872376	1872822	+	446	18	6	6	6	6	33%	33%	33%	33%	P	P	P	P	U
b1791	yeaN	1873697	1874878	+	1181	47	0	1	1	1	0%	2%	2%	2%	A	P	P	P	U
b1792	yeaO	1874933	1875280	+	347	14	12	12	13	13	86%	86%	93%	93%	P	P	P	P	U
b1794	yeaP	1875739	1876764	+	1025	41	40	40	40	40	98%	98%	98%	98%	P	P	P	P	U
b1800	yeaU	1879936	1881021	+	1085	44	7	7	7	7	16%	16%	16%	16%	P	P	P	P	U
b1801	yeaV	1881212	1882657	+	1445	58	2	2	2	2	3%	3%	3%	3%	P	P	P	P	U
b1802	yeaW	1882689	1883813	+	1124	45	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1803	yeaX	1883869	1884834	+	965	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1809	yoaB	1891391	1891735	+	344	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b1810	yoaC	1892097	1892456	+	359	14	12	12	14	14	86%	86%	100%	100%	P	P	P	P	U
b1812	pabB	1892829	1894190	+	1361	54	52	52	52	52	96%	96%	96%	96%	P	P	P	P	
b1813	nudL	1894194	1894772	+	578	24	21	21	21	21	88%	88%	88%	88%	P	P	P	P	U
b1814	sdaA	1894956	1896320	+	1364	55	33	55	55	55	60%	100%	100%	100%	P	P	P	P	
b1815	yoaD	1896451	1898049	+	1598	64	0	0	6	15	0%	0%	9%	23%	A	A	P	P	U
b1817	manX	1900072	1901043	+	971	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b1818	manY	1901106	1901906	+	800	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b1819	manZ	1901910	1902770	+	860	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b1820	yobD	1902825	1903283	+	458	18	6	6	6	6	33%	33%	33%	33%	P	P	P	P	U
b1821	yebN	1903712	1904278	+	566	23	0	5	5	5	0%	22%	22%	22%	A	P	P	P	U
b4536	yobH	1906949	1907188	+	239	9	5	5	5	5	56%	56%	56%	56%	P	P	P	P	U
b1828	yebQ	1908300	1909673	+	1373	55	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1833	yebS	1914282	1915565	+	1283	51	19	21	21	26	37%	41%	41%	51%	P	P	P	P	U
b1834	yebT	1915534	1918167	+	2633	105	83	83	83	87	79%	79%	79%	83%	P	P	P	P	U
b1835	rsmF	1918247	1919686	+	1439	57	45	45	45	45	79%	79%	79%	79%	P	P	P	P	U
b1836	yebV	1919804	1920040	+	236	9	8	8	9	9	89%	89%	100%	100%	P	P	P	P	U
b1837	yebW	1920145	1920336	+	191	8	7	7	8	8	88%	88%	100%	100%	P	P	P	P	U

b4432	ryeA	1921090	1921338	+	248	10	9	9	9	9	90%	90%	90%	90%	P	P	P	P	U
b1842	holE	1923132	1923362	+	230	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b1843	yobB	1923464	1924120	+	656	26	20	20	20	20	77%	77%	77%	77%	P	P	P	P	U
b1844	exoX	1924144	1924806	+	662	27	22	22	22	23	81%	81%	81%	85%	P	P	P	P	
b1849	purT	1928905	1930083	+	1178	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b1853	yebK	1934676	1935545	+	869	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	U
b1854	pykA	1935673	1937115	+	1442	58	58	58	58	58	100%	100%	100%	100%	P	P	P	P	
b1858	znuC	1940686	1941441	+	755	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b1859	znuB	1941438	1942223	+	785	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b1862	yebB	1944275	1944877	+	602	24	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1867	yecD	1948856	1949422	+	566	22	21	21	21	22	95%	95%	95%	100%	P	P	P	P	U
b1868	yecE	1949419	1950237	+	818	33	23	23	23	23	70%	70%	70%	70%	P	P	P	P	U
b1869	yecN	1950290	1950685	+	395	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b1870	cmoA	1950726	1951469	+	743	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b1871	cmoB	1951466	1952437	+	971	39	37	37	37	37	95%	95%	95%	95%	P	P	P	P	U
b1876	argS	1958086	1959819	+	1733	69	69	69	69	69	100%	100%	100%	100%	P	P	P	P	
b1877	yecT	1959996	1960484	+	488	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
GO-8903	C0465	1970763	1970840	+	77	3	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1895	uspC	1977777	1978205	+	428	17	7	12	12	12	41%	71%	71%	71%	P	P	P	P	
b1902	ftnB	1984949	1985452	+	503	21	18	19	19	19	86%	90%	90%	90%	P	P	P	P	U
b1904	yecR	1986246	1986569	+	323	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1905	ftnA	1986740	1987237	+	497	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b1907	tyrP	1987705	1988916	+	1211	48	36	36	41	41	75%	75%	85%	85%	P	P	P	P	
b1915	yecF	1993842	1994066	+	224	9	7	7	7	7	78%	78%	78%	78%	P	P	P	P	U
b1924	fliD	2001896	2003302	+	1406	57	2	2	2	2	4%	4%	4%	4%	P	P	P	P	
b1925	fliS	2003327	2003737	+	410	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1926	fliT	2003737	2004102	+	365	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1927	amyA	2004180	2005667	+	1487	59	59	59	59	59	100%	100%	100%	100%	P	P	P	P	
b1929	yedE	2006301	2007506	+	1205	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	U
b1930	yedF	2007503	2007736	+	233	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	U
b1931	yedK	2007845	2008513	+	668	27	4	6	24	24	15%	22%	89%	89%	P	P	P	P	U
b1932	yedL	2008624	2009103	+	479	19	5	5	7	19	26%	26%	37%	100%	P	P	P	P	U
b1936	intG	2010526	2010687	+	161	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1938	fliF	2011253	2012911	+	1658	66	0	0	3	3	0%	0%	5%	5%	A	A	P	P	
b1939	fliG	2012904	2013899	+	995	40	0	0	2	2	0%	0%	5%	5%	A	A	P	P	
b1940	fliH	2013892	2014578	+	686	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1941	fliI	2014578	2015951	+	1373	55	0	0	1	1	0%	0%	2%	2%	A	A	P	P	
b1942	fliJ	2015970	2016413	+	443	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1943	fliK	2016410	2017537	+	1127	45	0	5	6	6	0%	11%	13%	13%	A	P	P	P	
b1944	fliL	2017642	2018106	+	464	19	0	0	1	1	0%	0%	5%	5%	A	A	P	P	
b1945	fliM	2018111	2019115	+	1004	40	0	0	4	4	0%	0%	10%	10%	A	A	P	P	
b1946	fliN	2019112	2019525	+	413	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1947	fliO	2019528	2019893	+	365	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1948	fliP	2019893	2020630	+	737	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1949	fliQ	2020640	2020909	+	269	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1950	fliR	2020917	2021702	+	785	32	0	0	0	0	0%	0%	0%	0%	A	A	A	A	

b1951	rcsA	2021992	2022615	+	623	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1953	yodD	2023010	2023237	+	227	9	8	9	9	9	89%	100%	100%	100%	P	P	P	P	U
b1955	yedP	2023535	2024350	+	815	32	25	27	32	32	78%	84%	100%	100%	P	P	P	P	U
b1959	yedA	2027563	2028483	+	920	37	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4603	rseX	2031673	2031763	+	90	4	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4496	yedS	2032075	2033267	+	1192	48	0	2	41	42	0%	4%	85%	88%	A	P	P	P	U
b1967	hchA	2033859	2034710	+	851	34	33	34	34	34	97%	100%	100%	100%	P	P	P	P	
b1970	yedX	2036980	2037393	+	413	16	9	9	9	10	56%	56%	56%	63%	P	P	P	P	U
b1971	yedY	2037502	2038506	+	1004	41	28	29	38	38	68%	71%	93%	93%	P	P	P	P	U
b1972	yedZ	2038507	2039142	+	635	25	10	10	18	18	40%	40%	72%	72%	P	P	P	P	U
b1973	yodA	2039399	2040049	+	650	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b1974	yodB	2040392	2040922	+	530	21	0	0	3	18	0%	0%	14%	86%	A	A	P	P	U
b1976	mtfA	2041675	2042472	+	797	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b1977	asnT	2042573	2042648	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1978	yeeJ	2042962	2050038	+	7076	283	30	46	55	56	11%	16%	19%	20%	P	P	P	P	
b1981	shiA	2051667	2052983	+	1316	52	51	51	51	51	98%	98%	98%	98%	P	P	P	P	
b1982	amn	2053085	2054539	+	1454	59	58	58	58	58	98%	98%	98%	98%	P	P	P	P	
b1983	yeeN	2054882	2055598	+	716	29	24	24	24	24	83%	83%	83%	83%	P	P	P	P	U
b1986	asnU	2057875	2057950	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1989	asnV	2060284	2060359	+	75	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b4582	yoeA	2066659	2066962	+	303	13	2	2	2	13	15%	15%	15%	100%	P	P	P	P	U
b4582	yoeA	2068294	2068498	+	204	8	3	3	8	8	38%	38%	100%	100%	P	P	P	P	U
b1999	yeeP	2068684	2069235	+	551	23	3	3	6	6	13%	13%	26%	26%	P	P	P	P	U
b4435	isrC	2069339	2069542	+	203	8	2	2	3	3	25%	25%	38%	38%	P	P	P	P	U
b2000	flu	2069563	2072682	+	3119	124	118	118	118	118	95%	95%	95%	95%	P	P	P	P	
b2001	yeeR	2072803	2074335	+	1532	61	3	3	3	3	5%	5%	5%	5%	P	P	P	P	U
b2002	yeeS	2074332	2074778	+	446	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2003	yeeT	2074841	2075062	+	221	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2004	yeeU	2075136	2075504	+	368	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2005	yeeV	2075593	2075967	+	374	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2006	yeeW	2075964	2076131	+	167	6	2	2	2	2	33%	33%	33%	33%	P	P	P	P	U
b4538	yoeF	2076770	2076955	+	185	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2011	sbcB	2080780	2082207	+	1427	57	56	56	56	56	98%	98%	98%	98%	P	P	P	P	
b2018	hisL	2088020	2088070	+	50	2	2	2	2	2	100%	100%	100%	100%	P	P	P	P	
b2019	hisG	2088216	2089115	+	899	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b2020	hisD	2089121	2090425	+	1304	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b2021	hisC	2090422	2091492	+	1070	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b2022	hisB	2091492	2092559	+	1067	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b2023	hisH	2092559	2093149	+	590	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b2024	hisA	2093149	2093886	+	737	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b2025	hisF	2093868	2094644	+	776	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b2026	hisI	2094638	2095249	+	611	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b2063	yegH	2135926	2137509	+	1583	63	57	57	60	60	90%	90%	95%	95%	P	P	P	P	U
b2067	yegE	2141290	2144607	+	3317	133	62	62	66	84	47%	47%	50%	63%	P	P	P	P	U
b2069	yegD	2145698	2147050	+	1352	54	23	23	25	25	43%	43%	46%	46%	P	P	P	P	U
b2071	yegJ	2149209	2149670	+	461	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b4436	ryeC	2151333	2151475	+	142	6	1	1	2	2	17%	17%	33%	33%	P	P	P	P	U
b4437	ryeD	2151668	2151803	+	135	5	4	4	4	4	80%	80%	80%	80%	P	P	P	P	U
b2074	mdtA	2152040	2153287	+	1247	50	33	33	33	34	66%	66%	66%	68%	P	P	P	P	
b2075	mdtB	2153287	2156409	+	3122	125	9	9	10	13	7%	7%	8%	10%	P	P	P	P	
b2076	mdtC	2156410	2159487	+	3077	123	8	8	9	10	7%	7%	7%	8%	P	P	P	P	
b2077	mdtD	2159488	2160903	+	1415	57	3	4	10	11	5%	7%	18%	19%	P	P	P	P	
b2078	baeS	2160900	2162303	+	1403	56	4	4	4	5	7%	7%	7%	9%	P	P	P	P	
b2079	baeR	2162300	2163022	+	722	29	28	28	28	28	97%	97%	97%	97%	P	P	P	P	
b2080	yegP	2163213	2163545	+	332	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b2081	yegQ	2163692	2165053	+	1361	54	53	53	53	53	98%	98%	98%	98%	P	P	P	P	U
b4438	ryeE	2165136	2165221	+	85	4	2	2	2	2	50%	50%	50%	50%	P	P	P	P	U
b2086	yegS	2166736	2167635	+	899	36	31	31	33	34	86%	86%	92%	94%	P	P	P	P	
b2088	insE	2168251	2168559	+	308	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b2089	insF	2168556	2169422	+	866	35	32	32	32	32	91%	91%	91%	91%	P	P	P	P	
b2098	yegT	2176843	2178120	+	1277	51	3	3	3	3	6%	6%	6%	6%	P	P	P	P	U
b2099	yegU	2178117	2179121	+	1004	40	7	7	7	7	18%	18%	18%	18%	P	P	P	P	U
b2100	yegV	2179118	2180083	+	965	38	2	2	2	2	5%	5%	5%	5%	P	P	P	P	U
b2106	rcnA	2183939	2184763	+	824	33	7	7	7	9	21%	21%	21%	27%	P	P	P	P	
b2107	yohN	2184982	2185320	+	338	14	12	12	12	12	86%	86%	86%	86%	P	P	P	P	U
b2114	metG	2192322	2194355	+	2033	81	81	81	81	81	100%	100%	100%	100%	P	P	P	P	
b4499	yehH	2194496	2198291	+	3795	152	0	1	1	1	0%	1%	1%	1%	A	P	P	P	U
b2118	yehI	2198301	2201933	+	3632	145	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4541	yehK	2201994	2202311	+	317	12	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2119	yehL	2202618	2203706	+	1088	43	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2120	yehM	2203717	2205996	+	2279	91	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2121	yehP	2205989	2207125	+	1136	46	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2122	yehQ	2207122	2209122	+	2000	80	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2123	yehR	2209247	2209708	+	461	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2127	mlrA	2212888	2213619	+	731	30	23	23	24	26	77%	77%	80%	87%	P	P	P	P	
b4542	yohO	2213679	2213786	+	107	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	U
b2133	dld	2220207	2221922	+	1715	69	69	69	69	69	100%	100%	100%	100%	P	P	P	P	
b2136	yohD	2223823	2224401	+	578	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b2141	yohJ	2228646	2229044	+	398	16	5	11	12	12	31%	69%	75%	75%	P	P	P	P	U
b2142	yohK	2229041	2229736	+	695	28	7	15	24	24	25%	54%	86%	86%	P	P	P	P	U
b2143	cdd	2229866	2230750	+	884	36	25	28	30	31	69%	78%	83%	86%	P	P	P	P	
b2144	sanA	2230900	2231619	+	719	29	21	22	22	22	72%	76%	76%	76%	P	P	P	P	U
b2145	yeiS	2231622	2231861	+	239	9	6	6	6	6	67%	67%	67%	67%	P	P	P	P	U
b2146	yeiT	2232055	2233293	+	1238	50	2	19	19	19	4%	38%	38%	38%	P	P	P	P	U
b2147	yeiA	2233287	2234522	+	1235	50	7	21	21	21	14%	42%	42%	42%	P	P	P	P	U
b2154	yeiG	2241932	2242768	+	836	33	30	30	30	30	91%	91%	91%	91%	P	P	P	P	U
b2158	yeiH	2247739	2248788	+	1049	42	15	15	15	15	36%	36%	36%	36%	P	P	P	P	U
b2159	nfo	2248862	2249719	+	857	34	33	33	33	33	97%	97%	97%	97%	P	P	P	P	
b2160	yeiI	2249722	2250810	+	1088	43	31	31	31	31	72%	72%	72%	72%	P	P	P	P	U
b2163	yeiL	2253377	2254036	+	659	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2170	setB	2261885	2263066	+	1181	47	4	4	4	4	9%	9%	9%	9%	P	P	P	P	
b2171	yeiP	2263472	2264044	+	572	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U

b2172	yeiQ	2264267	2265733	+	1466	59	18	18	30	30	31%	31%	51%	51%	P	P	P	P	U
b2173	yeiR	2265851	2266837	+	986	39	34	34	34	34	87%	87%	87%	87%	P	P	P	P	U
b2174	lpxT	2266876	2267589	+	713	28	22	22	22	22	79%	79%	79%	79%	P	P	P	P	U
b2175	spr	2268001	2268567	+	566	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b2176	rtn	2268748	2270304	+	1556	62	33	33	33	33	53%	53%	53%	53%	P	P	P	P	U
b2177	yejA	2270386	2272200	+	1814	73	45	45	46	50	62%	62%	63%	68%	P	P	P	P	U
b2178	yejB	2272201	2273295	+	1094	43	4	4	4	6	9%	9%	9%	14%	P	P	P	P	U
b2179	yejE	2273295	2274320	+	1025	41	9	9	9	12	22%	22%	22%	29%	P	P	P	P	U
b2180	yejF	2274322	2275911	+	1589	63	41	41	41	42	65%	65%	65%	67%	P	P	P	P	U
b2184	yejH	2278654	2280414	+	1760	70	41	41	41	41	59%	59%	59%	59%	P	P	P	P	U
b2185	rply	2280539	2280823	+	284	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b2187	yejL	2282151	2282378	+	227	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	U
b2188	yejM	2282398	2284158	+	1760	70	64	64	64	64	91%	91%	91%	91%	P	P	P	P	U
b2189	proL	2284233	2284309	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	U
b2193	narP	2288522	2289169	+	647	26	25	26	26	26	96%	100%	100%	100%	P	P	P	P	U
b4604	yojO	2301628	2301792	+	164	7	0	0	2	2	0%	0%	29%	29%	A	A	P	P	U
b2209	eco	2301927	2302415	+	488	20	15	17	18	18	75%	85%	90%	90%	P	P	P	P	U
b4439	micF	2311106	2311198	+	92	3	2	2	3	3	67%	67%	100%	100%	P	P	P	P	U
b2216	rcsD	2311510	2314182	+	2672	107	106	106	106	106	99%	99%	99%	99%	P	P	P	P	U
b2217	rcsB	2314199	2314849	+	650	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b2219	atoS	2318065	2319891	+	1826	73	0	0	29	29	0%	0%	40%	40%	A	A	P	P	U
b2220	atoC	2319888	2321273	+	1385	55	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b2221	atoD	2321469	2322131	+	662	27	0	0	1	1	0%	0%	4%	4%	A	A	P	P	U
b2222	atoA	2322131	2322781	+	650	26	0	0	3	3	0%	0%	12%	12%	A	A	P	P	U
b2223	atoE	2322778	2324100	+	1322	53	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2224	atoB	2324131	2325315	+	1184	47	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2232	ubiG	2337589	2338311	+	722	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b2234	nrdA	2342887	2345172	+	2285	91	91	91	91	91	100%	100%	100%	100%	P	P	P	P	U
b2235	nrdB	2345406	2346536	+	1130	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	U
b2236	yfaE	2346536	2346790	+	254	10	7	7	7	7	70%	70%	70%	70%	P	P	P	P	U
b2238	yfaH	2347673	2347915	+	242	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2241	glpA	2350669	2352297	+	1628	65	0	0	6	6	0%	0%	9%	9%	A	A	P	P	U
b2242	glpB	2352287	2353546	+	1259	50	0	0	4	4	0%	0%	8%	8%	A	A	P	P	U
b2243	glpC	2353543	2354733	+	1190	48	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b2244	yfaD	2354926	2355825	+	899	36	9	9	9	9	25%	25%	25%	25%	P	P	P	P	U
b4543	ypaA	2355838	2356023	+	185	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b2251	nudI	2362576	2363001	+	425	17	5	5	5	7	29%	29%	29%	41%	P	P	P	P	U
b2253	arnB	2363950	2365089	+	1139	46	24	24	24	39	52%	52%	52%	85%	P	P	P	P	U
b2254	arnC	2365093	2366061	+	968	39	7	7	7	34	18%	18%	18%	87%	P	P	P	P	U
b2255	arnA	2366061	2368043	+	1982	79	14	14	14	30	18%	18%	18%	38%	P	P	P	P	U
b2256	arnD	2368040	2368930	+	890	36	1	1	1	2	3%	3%	3%	6%	P	P	P	P	U
b2257	arnT	2368930	2370582	+	1652	66	5	6	16	17	8%	9%	24%	26%	P	P	P	P	U
b4544	arnE	2370579	2370914	+	335	14	1	1	13	13	7%	7%	93%	93%	P	P	P	P	U
b2258	arnF	2370914	2371300	+	386	15	1	1	6	6	7%	7%	40%	40%	P	P	P	P	U
b2268	rbn	2379630	2380547	+	917	36	24	24	24	25	67%	67%	67%	69%	P	P	P	P	U
b2269	elaD	2380735	2381946	+	1211	48	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b2271	yfbL	2383882	2384853	+	971	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2272	yfbM	2384956	2385459	+	503	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2274	yfbO	2386603	2387079	+	476	19	0	1	3	3	0%	5%	16%	16%	A	P	P	P	U
b2275	yfbP	2387135	2387986	+	851	34	0	5	7	7	0%	15%	21%	21%	A	P	P	P	U
b2290	yfbQ	2405583	2406800	+	1217	49	42	42	42	42	86%	86%	86%	86%	P	P	P	P	U
b2291	yfbR	2406884	2407483	+	599	24	16	16	16	17	67%	67%	67%	71%	P	P	P	P	U
b2296	ackA	2411492	2412694	+	1202	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	U
b2297	pta	2412769	2414913	+	2144	86	85	85	85	85	99%	99%	99%	99%	P	P	P	P	U
b2298	yfcC	2415103	2416623	+	1520	61	0	10	10	11	0%	16%	16%	18%	A	P	P	P	U
b2302	yfcG	2418643	2419290	+	647	26	17	20	25	25	65%	77%	96%	96%	P	P	P	P	U
b2303	folX	2419347	2419709	+	362	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b2304	yfcH	2419730	2420623	+	893	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	U
b2321	flk	2435972	2436967	+	995	40	35	35	35	35	88%	88%	88%	88%	P	P	P	P	U
b2324	mnmC	2439786	2441792	+	2006	80	56	56	57	57	70%	70%	71%	71%	P	P	P	P	U
b2331	yfcN	2446628	2447179	+	551	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b2344	fadL	2459328	2460668	+	1340	53	47	47	49	49	89%	89%	92%	92%	P	P	P	P	U
b2345	yfdF	2461034	2462092	+	1058	42	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2347	yfdC	2463323	2464255	+	932	38	15	17	28	36	39%	45%	74%	95%	P	P	P	P	U
b2348	argW	2464331	2464405	+	74	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	U
b2349	intS	2464567	2465724	+	1157	46	37	37	37	37	80%	80%	80%	80%	P	P	P	P	U
b2350	yfdG	2465877	2466239	+	362	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b2351	yfdH	2466236	2467156	+	920	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	U
b2352	yfdI	2467153	2468484	+	1331	54	39	39	39	40	72%	72%	72%	74%	P	P	P	P	U
b2353	tfaS	2468837	2469127	+	290	11	4	5	11	11	36%	45%	100%	100%	P	P	P	P	U
b2359	yfdP	2471626	2471988	+	362	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2360	yfdQ	2472054	2472878	+	824	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2361	yfdR	2473006	2473542	+	536	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2362	yfdS	2473533	2473895	+	362	14	0	2	2	2	0%	14%	14%	14%	A	P	P	P	U
b2363	yfdT	2473895	2474200	+	305	12	0	5	5	5	0%	42%	42%	42%	A	P	P	P	U
b4545	ypdJ	2474203	2474253	+	50	3	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4501	torI	2474332	2474532	+	200	8	5	7	7	7	63%	88%	88%	88%	P	P	P	P	U
b4643	pawZ	2474606	2474620	+	14	0	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2365	dsdX	2475869	2477206	+	1337	54	2	3	5	5	4%	6%	9%	9%	P	P	P	P	U
b2366	dsdA	2477224	2478552	+	1328	53	20	21	21	24	38%	40%	40%	45%	P	P	P	P	U
b2369	evgA	2481777	2482391	+	614	25	24	24	25	25	96%	96%	100%	100%	P	P	P	P	U
b2370	evgS	2482396	2485989	+	3593	144	54	54	54	56	38%	38%	38%	39%	P	P	P	P	U
b2376	ypdI	2492720	2492995	+	275	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2378	lpxP	2493667	2494587	+	920	37	1	4	4	5	3%	11%	11%	14%	P	P	P	P	U
b2380	ypdA	2496693	2498390	+	1697	68	19	20	21	21	28%	29%	31%	31%	P	P	P	P	U
b2381	ypdB	2498405	2499139	+	734	29	27	27	29	29	93%	93%	100%	100%	P	P	P	P	U
b2382	ypdC	2499152	2500009	+	857	35	5	6	9	10	14%	17%	26%	29%	P	P	P	P	U
b2389	yfeO	2507652	2508908	+	1256	51	2	2	5	9	4%	4%	10%	18%	P	P	P	P	U
b2390	ypeC	2509023	2509349	+	326	13	5	7	7	9	38%	54%	54%	69%	P	P	P	P	U
b2393	nupC	2511064	2512266	+	1202	48	47	47	47	47	98%	98%	98%	98%	P	P	P	P	U
b2394	insL	2512353	2513465	+	1112	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	U
b2398	yfeC	2516489	2516833	+	344	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U

b2399	yfeD	2516856	2517227	+	371	14	12	13	14	14	86%	93%	100%	100%	P	P	P	P	U
b2401	valU	2518953	2519028	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2402	valX	2519073	2519148	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2403	valY	2519195	2519270	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2404	lysV	2519275	2519350	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2408	yfeN	2523149	2523913	+	764	31	5	7	13	14	16%	23%	42%	45%	P	P	P	P	U
b2410	yfeH	2524968	2525966	+	998	40	35	35	36	36	88%	88%	90%	90%	P	P	P	P	U
b2413	cysZ	2529485	2530246	+	761	30	26	26	26	26	87%	87%	87%	87%	P	P	P	P	U
b2414	cysK	2530431	2531402	+	971	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b2415	ptsH	2531786	2532043	+	257	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b2416	ptsI	2532088	2533815	+	1727	69	69	69	69	69	100%	100%	100%	100%	P	P	P	P	
b2417	crr	2533856	2534365	+	509	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b2419	yfeK	2535364	2535738	+	374	15	9	9	9	13	60%	60%	60%	87%	P	P	P	P	U
b2420	yfeS	2535771	2536505	+	734	29	5	5	6	14	17%	17%	21%	48%	P	P	P	P	U
b2428	murQ	2543795	2544691	+	896	36	16	16	16	17	44%	44%	44%	47%	P	P	P	P	U
b2429	murP	2544695	2546119	+	1424	57	4	4	4	4	7%	7%	7%	7%	P	P	P	P	U
b2430	yfeW	2546124	2547428	+	1304	52	3	7	7	7	6%	13%	13%	13%	P	P	P	P	U
b2435	amiA	2550374	2551243	+	869	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b2436	hemF	2551247	2552146	+	899	36	32	32	32	32	89%	89%	89%	89%	P	P	P	P	
b2442	intZ	2556880	2558088	+	1208	49	43	43	43	43	88%	88%	88%	88%	P	P	P	P	U
b2443	yffL	2558279	2558920	+	641	26	15	16	17	17	58%	62%	65%	65%	P	P	P	P	U
b2444	yffM	2559390	2559635	+	245	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2445	yffN	2559647	2560015	+	368	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2446	yffO	2560133	2560549	+	416	17	3	13	13	13	18%	76%	76%	76%	P	P	P	P	U
b2447	yffP	2560546	2561139	+	593	24	0	7	7	7	0%	29%	29%	29%	A	P	P	P	U
b2448	yffQ	2561614	2561991	+	377	15	2	5	5	5	13%	33%	33%	33%	P	P	P	P	U
b2449	yffR	2562002	2562394	+	392	16	15	15	15	16	94%	94%	94%	100%	P	P	P	P	U
b2450	yffS	2562545	2563354	+	809	32	29	30	30	30	91%	94%	94%	94%	P	P	P	P	U
b2464	talA	2576688	2577638	+	950	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b2465	tkkB	2577658	2579661	+	2003	80	80	80	80	80	100%	100%	100%	100%	P	P	P	P	
b2469	narQ	2583753	2585453	+	1700	68	15	30	30	31	22%	44%	44%	46%	P	P	P	P	
b2470	acrD	2585617	2588730	+	3113	124	4	14	14	15	3%	11%	11%	12%	P	P	P	P	
b2471	yffB	2589269	2589625	+	356	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b2472	dapE	2589629	2590756	+	1127	45	44	44	45	45	98%	98%	100%	100%	P	P	P	P	
b4547	ypfN	2590784	2590984	+	200	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b2479	gcvR	2597928	2598500	+	572	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b2480	bcp	2598500	2598970	+	470	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b2481	hyfA	2599223	2599840	+	617	25	0	0	3	3	0%	0%	12%	12%	A	A	P	P	
b2482	hyfB	2599840	2601858	+	2018	80	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2483	hyfC	2601869	2602816	+	947	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2484	hyfD	2602833	2604272	+	1439	58	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2485	hyfE	2604284	2604934	+	650	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2486	hyfF	2604939	2606519	+	1580	64	0	1	5	5	0%	2%	8%	8%	A	P	P	P	
b2487	hyfG	2606509	2608176	+	1667	67	0	0	5	5	0%	0%	7%	7%	A	A	P	P	
b2488	hyfH	2608186	2608731	+	545	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2489	hyfI	2608728	2609486	+	758	30	0	0	2	2	0%	0%	7%	7%	A	A	P	P	

b2490	hyfJ	2609479	2609892	+	413	17	0	1	2	2	0%	6%	12%	12%	A	P	P	P	U
b2491	hyfR	2609922	2611934	+	2012	80	0	0	2	2	0%	0%	3%	3%	A	A	P	P	
b2492	focB	2611956	2612804	+	848	34	0	5	5	5	0%	15%	15%	15%	A	P	P	P	U
b2494	yfgC	2614116	2615579	+	1463	58	57	57	57	57	98%	98%	98%	98%	P	P	P	P	U
b2495	yfgD	2615600	2615959	+	359	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b2499	purM	2619219	2620256	+	1037	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b2500	purN	2620256	2620894	+	638	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b2501	ppk	2621066	2623132	+	2066	83	83	83	83	83	100%	100%	100%	100%	P	P	P	P	
b2502	ppx	2623137	2624678	+	1541	62	61	61	61	61	98%	98%	98%	98%	P	P	P	P	
b2504	yfgG	2627312	2627503	+	191	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b2505	yfgH	2627814	2628332	+	518	21	0	0	2	2	0%	0%	10%	10%	A	A	P	P	U
b2506	yfgI	2628348	2628887	+	539	22	0	5	19	19	0%	23%	86%	86%	A	P	P	P	U
b2509	xseA	2632254	2633624	+	1370	54	52	52	52	52	96%	96%	96%	96%	P	P	P	P	
b2521	sseA	2650516	2651361	+	845	34	33	33	33	34	97%	97%	97%	100%	P	P	P	P	
G0-8908	IS128	2651537	2651745	+	208	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4440	ryfA	2651877	2652180	+	303	12	11	11	11	11	92%	92%	92%	92%	P	P	P	P	U
b2533	suhB	2661464	2662267	+	803	32	28	28	28	28	88%	88%	88%	88%	P	P	P	P	
b2534	yfhR	2662385	2663266	+	881	35	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2535	csiE	2663457	2664737	+	1280	51	15	15	51	51	29%	29%	100%	100%	P	P	P	P	U
b2538	hcaE	2667054	2668415	+	1361	54	24	24	24	24	44%	44%	44%	44%	P	P	P	P	
b2539	hcaF	2668412	2668930	+	518	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2540	hcaC	2668930	2669250	+	320	12	2	3	3	3	17%	25%	25%	25%	P	P	P	P	U
b2541	hcaB	2669247	2670059	+	812	33	1	2	2	2	3%	6%	6%	6%	P	P	P	P	
b2542	hcaD	2670069	2671271	+	1202	48	3	3	6	6	6%	6%	13%	13%	P	P	P	P	
b2543	yphA	2671368	2671790	+	422	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	U
b2550	yphH	2680885	2682078	+	1193	48	11	31	31	32	23%	65%	65%	67%	P	P	P	P	U
b2552	hmp	2683857	2685047	+	1190	47	33	33	44	44	70%	70%	94%	94%	P	P	P	P	
b2558	yfhD	2693823	2695379	+	1556	63	18	18	20	20	29%	29%	32%	32%	P	P	P	P	U
b2561	yfhH	2696781	2697629	+	848	34	20	27	27	27	59%	79%	79%	79%	P	P	P	P	U
b2562	yfhL	2697685	2697945	+	260	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b4608	ryfC	2698542	2698618	+	76	1	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2574	nadB	2708442	2710064	+	1622	65	64	64	64	65	98%	98%	98%	100%	P	P	P	P	
b2576	srmB	2710918	2712252	+	1334	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	
b2578	eamB	2713445	2714032	+	587	23	1	2	2	2	4%	9%	9%	9%	P	P	P	P	
b2580	ung	2714776	2715465	+	689	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b2582	trxC	2716757	2717176	+	419	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b2583	yfiP	2717245	2717943	+	698	28	12	12	12	12	43%	43%	43%	43%	P	P	P	P	U
b2584	yfiQ	2717975	2720635	+	2660	106	69	69	94	94	65%	65%	89%	89%	P	P	P	P	U
b2585	pssA	2720749	2722104	+	1355	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	
b2586	yfiM	2722150	2722473	+	323	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2595	bamD	2734168	2734905	+	737	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	U
b2597	raiA	2735176	2735517	+	341	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b2598	pheL	2735621	2735668	+	47	1	1	1	1	1	100%	100%	100%	100%	P	P	P	P	
b2599	pheA	2735767	2736927	+	1160	47	43	43	43	43	91%	91%	91%	91%	P	P	P	P	
b2602	yfiL	2739382	2739747	+	365	15	0	10	15	15	0%	67%	100%	100%	A	P	P	P	U
b2603	yfiR	2739897	2740415	+	518	20	11	11	14	15	55%	55%	70%	75%	P	P	P	P	U

b2604	yfiN	2740405	2741631	+	1226	49	13	13	13	13	27%	27%	27%	27%	P	P	P	P	U
b2605	yfiB	2741647	2742129	+	482	19	18	18	18	18	95%	95%	95%	95%	P	P	P	P	U
b2611	ypjD	2745984	2746775	+	791	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b4461	yfjD	2746796	2748082	+	1286	51	43	43	43	44	84%	84%	84%	86%	P	P	P	P	U
b2615	nadK	2748853	2749731	+	878	35	32	32	32	32	91%	91%	91%	91%	P	P	P	P	
b2616	recN	2749817	2751478	+	1661	67	58	58	58	59	87%	87%	87%	88%	P	P	P	P	
b2617	smpA	2751627	2751968	+	341	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b2620	smpB	2752918	2753400	+	482	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b2621	ssrA	2753615	2753977	+	362	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b2622	intA	2754181	2755422	+	1241	50	48	48	48	48	96%	96%	96%	96%	P	P	P	P	
b2624	alpA	2756666	2756878	+	212	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2625	yfjI	2757007	2758416	+	1409	56	5	5	7	8	9%	9%	13%	14%	P	P	P	P	U
b2626	yfjJ	2758569	2759195	+	626	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2630	rnlA	2763940	2765013	+	1073	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b2631	yfjO	2765006	2765377	+	371	15	12	13	13	13	80%	87%	87%	87%	P	P	P	P	U
b2632	yfjP	2765732	2766595	+	863	35	0	3	7	7	0%	9%	20%	20%	A	P	P	P	U
b2633	yfjQ	2766687	2767508	+	821	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2634	yfjR	2767725	2768426	+	701	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2635	ypjK	2768467	2768703	+	236	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2636	yfjS	2768703	2769146	+	443	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2637	yfjT	2769170	2769637	+	467	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2642	yfjW	2771340	2773043	+	1703	69	11	11	11	12	16%	16%	16%	17%	P	P	P	P	U
b4644	ypjI	2773567	2773838	+	271	11	0	0	2	3	0%	0%	18%	27%	A	A	P	P	U
b2643	yfjX	2773941	2774399	+	458	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2644	yfjY	2774408	2774890	+	482	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4548	ypjJ	2774899	2775099	+	200	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2645	yfjZ	2775137	2775454	+	317	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2646	ypjF	2775475	2775804	+	329	13	0	1	1	1	0%	8%	8%	8%	A	P	P	P	
b4645	psaA	2775994	2776007	+	13	0	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4462	ygaQ	2784419	2786671	+	2252	90	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2659	csiD	2787007	2787984	+	977	39	25	25	38	38	64%	64%	97%	97%	P	P	P	P	U
b2660	ygaF	2788004	2789272	+	1268	50	25	25	41	42	50%	50%	82%	84%	P	P	P	P	U
b2661	gabD	2789295	2790743	+	1448	58	48	48	51	58	83%	83%	88%	100%	P	P	P	P	
b2662	gabT	2790757	2792037	+	1280	51	46	46	46	51	90%	90%	90%	100%	P	P	P	P	
b2663	gabP	2792275	2793675	+	1400	56	3	3	3	55	5%	5%	5%	98%	P	P	P	P	
b2664	csiR	2793696	2794358	+	662	27	23	25	25	26	85%	93%	93%	96%	P	P	P	P	
b2667	ygaV	2795233	2795532	+	299	12	1	6	6	6	8%	50%	50%	50%	P	P	P	P	U
b2668	ygaP	2795542	2796066	+	524	21	3	7	7	8	14%	33%	33%	38%	P	P	P	P	U
b2670	ygaW	2797186	2797635	+	449	18	0	16	16	16	0%	89%	89%	89%	A	P	P	P	U
b2672	ygaM	2798156	2798497	+	341	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b2673	nrdH	2798745	2798990	+	245	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b2674	nrdI	2798987	2799397	+	410	16	15	15	16	16	94%	94%	100%	100%	P	P	P	P	
b2675	nrdE	2799370	2801514	+	2144	86	47	47	60	86	55%	55%	70%	100%	P	P	P	P	
b2676	nrdF	2801524	2802483	+	959	39	9	9	10	34	23%	23%	26%	87%	P	P	P	P	
b2677	proV	2802837	2804039	+	1202	48	44	44	44	44	92%	92%	92%	92%	P	P	P	P	
b2678	proW	2804032	2805096	+	1064	42	39	39	39	39	93%	93%	93%	93%	P	P	P	P	

b2679	proX	2805154	2806146	+	992	39	34	34	34	34	87%	87%	87%	87%	P	P	P	P	
b2681	ygaY	2806338	2807515	+	1177	47	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2682	ygaZ	2807639	2808376	+	737	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b2683	ygaH	2808366	2808701	+	335	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b2684	mprA	2808792	2809322	+	530	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b2685	emrA	2809449	2810621	+	1172	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b2686	emrB	2810638	2812176	+	1538	61	51	52	55	55	84%	85%	90%	90%	P	P	P	P	
b4442	micA	2812824	2812901	+	77	3	0	0	2	2	0%	0%	67%	67%	A	A	P	P	
b2702	srlA	2823854	2824417	+	563	23	0	1	1	1	0%	4%	4%	4%	A	P	P	P	
b2703	srlE	2824414	2825373	+	959	38	0	1	2	2	0%	3%	5%	5%	A	P	P	P	
b2704	srlB	2825384	2825755	+	371	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2705	srlD	2825759	2826538	+	779	31	5	5	6	6	16%	16%	19%	19%	P	P	P	P	
b2706	gutM	2826643	2827002	+	359	14	0	0	1	1	0%	0%	7%	7%	A	A	P	P	
b2707	srlR	2827069	2827842	+	773	31	30	30	30	30	97%	97%	97%	97%	P	P	P	P	
b2708	gutQ	2827835	2828800	+	965	38	33	33	33	33	87%	87%	87%	87%	P	P	P	P	U
b2710	norV	2830498	2831937	+	1439	58	0	5	5	5	0%	9%	9%	9%	A	P	P	P	
b2711	norW	2831934	2833067	+	1133	45	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
GO-8911	C0664	2833077	2833189	+	112	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2715	ascF	2837546	2839003	+	1457	58	6	6	12	12	10%	10%	21%	21%	P	P	P	P	
b2716	ascB	2839012	2840436	+	1424	57	11	17	27	27	19%	30%	47%	47%	P	P	P	P	
b2726	hypA	2848669	2849019	+	350	14	4	5	5	10	29%	36%	36%	71%	P	P	P	P	
b2727	hypB	2849023	2849895	+	872	35	19	20	20	26	54%	57%	57%	74%	P	P	P	P	
b2728	hypC	2849886	2850158	+	272	11	5	5	5	8	45%	45%	45%	73%	P	P	P	P	
b2729	hypD	2850158	2851279	+	1121	44	25	25	26	32	57%	57%	59%	73%	P	P	P	P	
b2730	hypE	2851318	2852286	+	968	39	23	28	33	34	59%	72%	85%	87%	P	P	P	P	
b2731	fhIA	2852360	2854438	+	2078	83	24	25	27	37	29%	30%	33%	45%	P	P	P	P	
b2733	mutS	2855115	2857676	+	2561	102	90	90	90	90	88%	88%	88%	88%	P	P	P	P	
b2734	pphB	2857782	2858438	+	656	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2736	ygbJ	2859452	2860360	+	908	37	1	2	37	37	3%	5%	100%	100%	P	P	P	P	U
b2737	ygbK	2860357	2861523	+	1166	47	1	1	46	46	2%	2%	98%	98%	P	P	P	P	U
b2738	ygbL	2861615	2862253	+	638	25	1	1	15	15	4%	4%	60%	60%	P	P	P	P	U
b2739	ygbM	2862258	2863034	+	776	31	1	1	18	18	3%	3%	58%	58%	P	P	P	P	U
b2740	ygbN	2863123	2864487	+	1364	55	1	1	4	4	2%	2%	7%	7%	P	P	P	P	U
b2753	iap	2874603	2875640	+	1037	42	33	33	33	34	79%	79%	79%	81%	P	P	P	P	
b2765	sscR	2890236	2890601	+	365	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	
b2766	ygcN	2890679	2891950	+	1271	50	3	4	4	4	6%	8%	8%	8%	P	P	P	P	U
b2767	ygcO	2891941	2892201	+	260	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2768	ygcP	2892218	2892793	+	575	23	0	1	1	1	0%	4%	4%	4%	A	P	P	P	U
b2775	yqcE	2898614	2899891	+	1277	51	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2776	ygcE	2899918	2901396	+	1478	59	0	3	5	5	0%	5%	8%	8%	A	P	P	P	U
b2778	ygcG	2903733	2904605	+	872	35	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2786	barA	2913079	2915835	+	2756	110	82	82	82	83	75%	75%	75%	75%	P	P	P	P	
b2794	queF	2923370	2924218	+	848	34	33	33	33	33	97%	97%	97%	97%	P	P	P	P	
b2795	ygdH	2924330	2925694	+	1364	55	54	54	55	55	98%	98%	100%	100%	P	P	P	P	U
b2796	sdaC	2926251	2927540	+	1289	52	50	51	51	51	96%	98%	98%	98%	P	P	P	P	U
b2797	sdaB	2927598	2928965	+	1367	55	26	26	26	26	47%	47%	47%	47%	P	P	P	P	

b2798	ygdG	2928987	2929832	+	845	34	18	18	18	18	53%	53%	53%	53%	P	P	P	P	
b2801	fucP	2932257	2933573	+	1316	53	0	1	3	3	0%	2%	6%	6%	A	P	P	P	
b2802	fucI	2933606	2935381	+	1775	71	0	1	4	4	0%	1%	6%	6%	A	P	P	P	
b2803	fucK	2935460	2936908	+	1448	58	13	13	15	16	22%	22%	26%	28%	P	P	P	P	
b2804	fucU	2936910	2937332	+	422	17	16	16	16	16	94%	94%	94%	94%	P	P	P	P	
b2805	fucR	2937390	2938121	+	731	29	26	26	26	26	90%	90%	90%	90%	P	P	P	P	
b4443	gcvB	2940718	2940923	+	205	9	3	5	5	5	33%	56%	56%	56%	P	P	P	P	
b2810	csdA	2941359	2942564	+	1205	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	
b2811	csdE	2942564	2943007	+	443	18	17	17	18	18	94%	94%	100%	100%	P	P	P	P	U
b2814	metZ	2945409	2945485	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2815	metW	2945519	2945595	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2816	metV	2945629	2945705	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2818	argA	2947264	2948595	+	1331	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	
b2831	mutH	2967684	2968373	+	689	27	10	11	12	12	37%	41%	44%	44%	P	P	P	P	
b2832	ygdQ	2968442	2969155	+	713	29	14	14	14	14	48%	48%	48%	48%	P	P	P	P	U
b2833	ygdR	2969293	2969511	+	218	9	7	9	9	9	78%	100%	100%	100%	P	P	P	P	U
b2834	tas	2969619	2970659	+	1040	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	U
b2837	galR	2974621	2975652	+	1031	41	33	34	34	36	80%	83%	83%	88%	P	P	P	P	
b2839	lysR	2977043	2977978	+	935	38	12	12	12	12	32%	32%	32%	32%	P	P	P	P	
b2845	yqeG	2983869	2985098	+	1229	49	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2846	yqeH	2985558	2986190	+	632	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2847	yqeI	2986524	2987333	+	809	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2848	yqeJ	2987326	2987808	+	482	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2850	ygeF	2988576	2989065	+	489	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2851	ygeG	2989290	2989781	+	491	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2852	ygeH	2990116	2991492	+	1376	55	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2853	ygeI	2991660	2991878	+	218	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2854	pbl	2991961	2992463	+	502	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2866	xdhA	2998367	3000625	+	2258	91	3	3	17	24	3%	3%	19%	26%	P	P	P	P	
b2867	xdhB	3000636	3001514	+	878	35	2	2	3	3	6%	6%	9%	9%	P	P	P	P	
b2868	xdhC	3001511	3001990	+	479	19	1	1	3	4	5%	5%	16%	21%	P	P	P	P	
b2870	ygeW	3004284	3005474	+	1190	47	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2871	ygeX	3005532	3006728	+	1196	47	0	0	3	3	0%	0%	6%	6%	A	A	P	P	
b2872	ygeY	3006786	3007997	+	1211	48	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b2873	hyuA	3008050	3009435	+	1385	56	0	0	3	3	0%	0%	5%	5%	A	A	P	P	
b2874	yqeA	3009483	3010415	+	932	37	0	0	2	2	0%	0%	5%	5%	A	A	P	P	U
b2877	ygfJ	3013182	3013760	+	578	23	0	7	18	18	0%	30%	78%	78%	A	P	P	P	U
b2878	ygfK	3014082	3017180	+	3098	124	0	0	4	4	0%	0%	3%	3%	A	A	P	P	U
b2879	ssnA	3017183	3018511	+	1328	53	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b2880	ygfM	3018562	3019341	+	779	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2881	xdhD	3019338	3022208	+	2870	115	0	0	14	14	0%	0%	12%	12%	A	A	P	P	U
b2882	ygfO	3022373	3023773	+	1400	56	0	0	1	3	0%	0%	2%	5%	A	A	P	P	U
b2883	guaD	3023788	3025107	+	1319	53	16	16	16	52	30%	30%	30%	98%	P	P	P	P	
b4464	ygfQ	3025143	3026510	+	1367	54	3	3	7	47	6%	6%	13%	87%	P	P	P	P	U
b2888	ygfU	3029389	3030837	+	1448	58	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2889	idi	3031087	3031635	+	548	22	7	14	19	19	32%	64%	86%	86%	P	P	P	P	

b2895	fldB	3037877	3038398	+	521	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b2898	ygfZ	3039335	3040315	+	980	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	U
b2901	bglA	3041684	3043123	+	1439	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	
b2910	zapA	3053634	3053963	+	329	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b2911	ssrS	3054005	3054187	+	182	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	
b2912	ygfA	3054263	3054811	+	548	22	11	11	11	11	50%	50%	50%	50%	P	P	P	P	U
b4446	rygC	3054871	3055010	+	139	6	4	4	4	4	67%	67%	67%	67%	P	P	P	P	U
b2916	argP	3057775	3058668	+	893	36	29	29	29	30	81%	81%	81%	83%	P	P	P	P	
b2917	scpA	3058872	3061016	+	2144	86	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2918	argK	3061009	3062004	+	995	39	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2919	scpB	3062015	3062800	+	785	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2920	scpC	3062824	3064302	+	1478	59	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2936	yggG	3079935	3080693	+	758	30	29	29	29	29	97%	97%	97%	97%	P	P	P	P	U
b2940	yqgC	3084209	3084424	+	215	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2942	metK	3084728	3085882	+	1154	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b2943	galP	3086306	3087700	+	1394	56	50	50	50	50	89%	89%	89%	89%	P	P	P	P	
b2944	yggI	3087777	3088274	+	497	20	10	10	11	11	50%	50%	55%	55%	P	P	P	P	U
b2945	endA	3088369	3089076	+	707	29	0	0	14	14	0%	0%	48%	48%	A	A	P	P	
b2946	rsmE	3089156	3089887	+	731	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b2947	gshB	3089900	3090850	+	950	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b2948	yqgE	3090959	3091522	+	563	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b2949	yqgF	3091522	3091938	+	416	17	16	16	16	16	94%	94%	94%	94%	P	P	P	P	U
b2951	yggS	3093120	3093824	+	704	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b2952	yggT	3093842	3094408	+	566	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b2953	yggU	3094405	3094695	+	290	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b2954	rdgB	3094703	3095296	+	593	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b2955	yggW	3095289	3096425	+	1136	46	45	46	46	46	98%	100%	100%	100%	P	P	P	P	U
b2961	mutY	3101035	3102087	+	1052	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b2962	yggX	3102115	3102390	+	275	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b2963	mltC	3102455	3103534	+	1079	43	41	41	41	41	95%	95%	95%	95%	P	P	P	P	
b2964	nupG	3103736	3104992	+	1256	50	12	13	13	13	24%	26%	26%	26%	P	P	P	P	
b2966	yqgA	3107575	3108282	+	707	28	0	2	8	8	0%	7%	29%	29%	A	P	P	P	U
b2967	pheV	3108388	3108463	+	75	4	3	3	3	3	75%	75%	75%	75%	P	P	P	P	
G0-8912	C0719	3119380	3119601	+	221	9	3	8	8	8	33%	89%	89%	89%	P	P	P	P	
b2980	glcC	3126294	3127058	+	764	30	28	28	28	28	93%	93%	93%	93%	P	P	P	P	
b2982	insH	3128200	3129216	+	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b2986	yghT	3132153	3132845	+	692	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2989	yghU	3136749	3137615	+	866	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	U
b3001	yghZ	3145919	3146959	+	1040	41	23	23	38	38	56%	56%	93%	93%	P	P	P	P	
b3003	yghA	3147684	3148568	+	884	36	32	32	32	35	89%	89%	89%	97%	P	P	P	P	U
b3008	metC	3150258	3151445	+	1187	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	
b3009	yghB	3151585	3152244	+	659	27	25	25	26	26	93%	93%	96%	96%	P	P	P	P	U
b3011	yqhD	3153377	3154540	+	1163	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b3012	dkgA	3154645	3155472	+	827	34	33	33	33	34	97%	97%	97%	100%	P	P	P	P	
b3013	yqhG	3155672	3156598	+	926	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3014	yqhH	3156649	3156906	+	257	10	0	1	1	1	0%	10%	10%	10%	A	P	P	P	U

b3025	qseB	3167850	3168509	+	659	26	11	11	12	16	42%	42%	46%	62%	P	P	P	P	
b3026	qseC	3168506	3169855	+	1349	54	9	9	14	15	17%	17%	26%	28%	P	P	P	P	
b3028	mdaB	3170552	3171133	+	581	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b3029	ygiN	3171164	3171478	+	314	13	12	12	13	13	92%	92%	100%	100%	P	P	P	P	
b3035	tolC	3176137	3177618	+	1481	59	59	59	59	59	100%	100%	100%	100%	P	P	P	P	
b3037	ygiB	3177766	3178437	+	671	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	U
b3038	ygiC	3178443	3179603	+	1160	47	45	45	45	45	96%	96%	96%	96%	P	P	P	P	U
b3040	zupT	3180572	3181345	+	773	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b3042	yqiC	3182862	3183152	+	290	12	11	11	11	11	92%	92%	92%	92%	P	P	P	P	U
b3043	ygiL	3183436	3183987	+	551	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3046	yqiG	3184083	3184111	+	28	1	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3044	insC	3184209	3184574	+	365	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b3045	insD	3184532	3185437	+	905	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b3046	yqiG	3185443	3187887	+	2444	98	0	1	1	1	0%	1%	1%	1%	A	P	P	P	U
b3047	yqiH	3187903	3188652	+	749	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3048	yqiI	3188654	3189718	+	1064	42	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3050	yqiJ	3190230	3190859	+	629	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3051	yqiK	3190886	3192547	+	1661	66	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3055	htrG	3199229	3199849	+	620	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	U
b3056	cca	3199913	3201151	+	1238	49	48	48	48	48	98%	98%	98%	98%	P	P	P	P	
b3059	ygiH	3202716	3203333	+	617	25	24	24	24	24	96%	96%	96%	96%	P	P	P	P	U
b3061	ttdA	3204485	3205396	+	911	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3062	ttdB	3205393	3205998	+	605	24	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3063	ttdT	3206046	3207509	+	1463	59	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3065	rpsU	3208803	3209018	+	215	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	
b3066	dnaG	3209129	3210874	+	1745	69	69	69	69	69	100%	100%	100%	100%	P	P	P	P	
b3067	rpoD	3211069	3212910	+	1841	74	74	74	74	74	100%	100%	100%	100%	P	P	P	P	
b3069	ileX	3213620	3213695	+	75	3	2	2	2	2	67%	67%	67%	67%	P	P	P	P	
b3071	yqjI	3214801	3215424	+	623	25	24	25	25	25	96%	100%	100%	100%	P	P	P	P	U
b3073	ygjG	3217516	3218895	+	1379	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b3075	ebgR	3219488	3220471	+	983	39	25	25	25	25	64%	64%	64%	64%	P	P	P	P	
b3076	ebgA	3220655	3223747	+	3092	123	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3077	ebgC	3223744	3224193	+	449	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3078	ygjI	3224256	3225689	+	1433	57	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3079	ygjJ	3225823	3226893	+	1070	43	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3080	ygjK	3226910	3229261	+	2351	94	0	0	6	6	0%	0%	6%	6%	A	A	P	P	U
b3081	fadH	3229687	3231705	+	2018	81	5	5	37	37	6%	6%	46%	46%	P	P	P	P	
b3085	ygjP	3233982	3234485	+	503	20	11	11	11	12	55%	55%	55%	60%	P	P	P	P	U
b3086	ygjQ	3234562	3235254	+	692	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3087	ygjR	3235333	3236319	+	986	39	32	32	38	38	82%	82%	97%	97%	P	P	P	P	U
b4448	psrN	3236396	3236583	+	187	8	6	6	7	7	75%	75%	88%	88%	P	P	P	P	U
b3088	alx	3236602	3237567	+	965	39	0	1	1	1	0%	3%	3%	3%	A	P	P	P	U
b3089	sstT	3237966	3239210	+	1244	50	46	46	46	46	92%	92%	92%	92%	P	P	P	P	
b3093	exuT	3243126	3244544	+	1418	56	0	14	34	34	0%	25%	61%	61%	A	P	P	P	
b3094	exuR	3244674	3245450	+	776	31	30	30	30	30	97%	97%	97%	97%	P	P	P	P	
b3095	yqjA	3245795	3246457	+	662	27	26	27	27	27	96%	100%	100%	100%	P	P	P	P	U

b3096	yqjB	3246461	3246844	+	383	15	13	13	13	13	87%	87%	87%	87%	P	P	P	P	U
b3097	yqjC	3246991	3247359	+	368	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b3098	yqjD	3247397	3247702	+	305	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b3099	yqjE	3247705	3248109	+	404	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b3100	yqjK	3248099	3248398	+	299	12	11	12	12	12	92%	100%	100%	100%	P	P	P	P	U
b3101	yqjF	3248584	3248976	+	392	16	0	5	6	6	0%	31%	38%	38%	A	P	P	P	U
b3102	yqjG	3249046	3250032	+	986	40	26	26	26	32	65%	65%	65%	80%	P	P	P	P	U
b3103	yhaH	3250326	3250691	+	365	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b3104	yhaI	3250933	3251289	+	356	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3106	yhaK	3252341	3253042	+	701	28	0	0	0	2	0%	0%	0%	7%	A	A	A	P	U
b3107	yhaL	3253065	3253229	+	164	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b3119	tdcR	3265402	3265620	+	218	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3120	yhaB	3265876	3266415	+	539	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3121	yhaC	3266437	3267624	+	1187	47	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3128	garD	3273304	3274875	+	1571	63	6	35	43	43	10%	56%	68%	68%	P	P	P	P	U
b3129	sohA	3275024	3275359	+	335	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b3130	yhaV	3275359	3275823	+	464	19	17	17	19	19	89%	89%	100%	100%	P	P	P	P	U
b3132	kbaZ	3276936	3278216	+	1280	51	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3133	agaV	3278239	3278712	+	473	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3134	agaW	3278723	3279097	+	374	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3135	agaA	3279093	3279647	+	554	23	0	0	2	2	0%	0%	9%	9%	A	A	P	P	U
b3136	agaS	3279998	3281152	+	1154	46	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b3137	kbaY	3281165	3282025	+	860	35	0	0	2	2	0%	0%	6%	6%	A	A	P	P	U
b3138	agaB	3282192	3282668	+	476	19	0	0	1	1	0%	0%	5%	5%	A	A	P	P	U
b3139	agaC	3282707	3283510	+	803	32	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b3140	agaD	3283500	3284291	+	791	31	0	0	2	2	0%	0%	6%	6%	A	A	P	P	U
b3141	agaI	3284292	3285047	+	755	31	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b3142	yraH	3285448	3286032	+	584	23	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3143	yraI	3286112	3286807	+	695	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3144	yraJ	3286836	3289352	+	2516	101	0	1	6	6	0%	1%	6%	6%	A	P	P	P	U
b3145	yraK	3289363	3290454	+	1091	44	0	0	3	3	0%	0%	7%	7%	A	A	P	P	U
b3147	yraM	3291422	3293458	+	2036	81	81	81	81	81	100%	100%	100%	100%	P	P	P	P	U
b3148	yraN	3293416	3293811	+	395	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b3149	diaA	3293831	3294421	+	590	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	U
b3150	yraP	3294431	3295006	+	575	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b3153	yhbO	3296996	3297514	+	518	21	13	13	14	17	62%	62%	67%	81%	P	P	P	P	U
b3155	yhbQ	3297988	3298290	+	302	12	7	7	7	7	58%	58%	58%	58%	P	P	P	P	U
b3158	yhbU	3299507	3300502	+	995	40	0	18	18	30	0%	45%	45%	75%	A	P	P	P	U
b3159	yhbV	3300511	3301389	+	878	35	0	12	12	12	0%	34%	34%	34%	A	P	P	P	U
b3160	yhbW	3301470	3302477	+	1007	41	38	38	38	38	93%	93%	93%	93%	P	P	P	P	U
b4449	psrO	3309247	3309420	+	173	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3172	argG	3316659	3318002	+	1343	54	52	52	52	52	96%	96%	96%	96%	P	P	P	P	U
b3180	yhbY	3325812	3326105	+	293	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b3182	dacB	3326985	3328418	+	1433	57	51	51	51	51	89%	89%	89%	89%	P	P	P	P	U
b3187	ispB	3331732	3332703	+	971	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	U
b3188	sfsB	3332931	3333209	+	278	11	0	2	2	2	0%	18%	18%	18%	A	P	P	P	U

b3196	yrbG	3338297	3339274	+	977	40	31	32	32	32	78%	80%	80%	80%	P	P	P	P	U
b3197	kdsD	3339288	3340274	+	986	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b3198	kdsC	3340295	3340861	+	566	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b3199	yrbK	3340858	3341433	+	575	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b3200	lptA	3341402	3341959	+	557	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b3201	lptB	3341966	3342691	+	725	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b3202	rpoN	3342739	3344172	+	1433	58	58	58	58	58	100%	100%	100%	100%	P	P	P	P	
b3203	hpf	3344195	3344482	+	287	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b3204	ptsN	3344600	3345091	+	491	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b3205	yhbJ	3345137	3345991	+	854	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	U
b3206	npr	3345988	3346260	+	272	11	9	9	9	9	82%	82%	82%	82%	P	P	P	P	
b3207	yrbL	3346474	3347106	+	632	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	U
b4450	ryhA	3348599	3348706	+	107	5	4	4	5	5	80%	80%	100%	100%	P	P	P	P	U
b3212	gltB	3352654	3357207	+	4553	183	183	183	183	183	100%	100%	100%	100%	P	P	P	P	
b3213	gltD	3357220	3358638	+	1418	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	
b3214	gltF	3359198	3359962	+	764	31	23	23	23	23	74%	74%	74%	74%	P	P	P	P	
b3215	yhcA	3360134	3360808	+	674	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3216	yhcD	3360829	3363210	+	2381	96	0	0	8	13	0%	0%	8%	14%	A	A	P	P	U
b4569	yhcE	3363207	3363573	+	366	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4569	yhcE	3364773	3364951	+	178	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3219	yhcF	3364948	3365664	+	716	29	11	12	17	21	38%	41%	59%	72%	P	P	P	P	U
b3220	yhcG	3365849	3366976	+	1127	45	1	1	1	1	2%	2%	2%	2%	P	P	P	P	U
b3227	dcuD	3372891	3374258	+	1367	54	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3233	yhcB	3378213	3378611	+	398	16	15	15	15	15	94%	94%	94%	94%	P	P	P	P	U
b3234	degQ	3378765	3380132	+	1367	54	53	53	53	53	98%	98%	98%	98%	P	P	P	P	
b3235	degS	3380222	3381289	+	1067	43	42	42	42	42	98%	98%	98%	98%	P	P	P	P	
b3237	argR	3382725	3383195	+	470	19	18	18	18	18	95%	95%	95%	95%	P	P	P	P	
b3238	yhcN	3383560	3383823	+	263	10	2	9	9	9	20%	90%	90%	90%	P	P	P	P	U
b3243	aaeR	3387542	3388471	+	929	37	35	35	35	35	95%	95%	95%	95%	P	P	P	P	U
b3253	yhdH	3401506	3402480	+	974	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	U
b4646	yrdE	3402666	3403053	+	387	16	0	3	3	3	0%	19%	19%	19%	A	P	P	P	U
b3255	accB	3403458	3403928	+	470	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b3256	accC	3403939	3405288	+	1349	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	
b3257	yhdT	3405397	3405639	+	242	10	7	7	8	8	70%	70%	80%	80%	P	P	P	P	U
b3258	panF	3405629	3407080	+	1451	58	35	37	39	39	60%	64%	67%	67%	P	P	P	P	
b3259	prmA	3407092	3407973	+	881	35	34	34	34	34	97%	97%	97%	97%	P	P	P	P	
b3260	dusB	3408302	3409267	+	965	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b3261	fis	3409293	3409589	+	296	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b3262	yhdJ	3409675	3410559	+	884	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3263	yhdU	3410643	3410822	+	179	7	4	4	4	4	57%	57%	57%	57%	P	P	P	P	U
b3265	acrE	3411886	3413043	+	1157	46	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3266	acrF	3413055	3416159	+	3104	125	0	0	5	5	0%	0%	4%	4%	A	A	P	P	
b3267	yhdV	3416412	3416633	+	221	9	0	0	0	5	0%	0%	0%	56%	A	A	A	P	U
b3268	yhdW	3417064	3418088	+	1024	41	6	6	12	40	15%	15%	29%	98%	P	P	P	P	U
b3269	yhdX	3418156	3419337	+	1181	48	0	0	0	8	0%	0%	0%	17%	A	A	A	P	U
b3270	yhdY	3419347	3420450	+	1103	44	0	0	0	17	0%	0%	0%	39%	A	A	A	P	U

b3271	yhdZ	3420458	3421216	+	758	30	2	8	8	27	7%	27%	27%	90%	P	P	P	P	U
b3279	yrdA	3427258	3427812	+	554	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b3287	def	3431712	3432221	+	509	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b3288	fmt	3432236	3433183	+	947	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b3289	rsmB	3433229	3434518	+	1289	52	51	51	51	52	98%	98%	98%	100%	P	P	P	P	
b3290	trkA	3434540	3435916	+	1376	55	53	53	54	54	96%	96%	98%	98%	P	P	P	P	
b3291	mscL	3436046	3436456	+	410	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b3324	gspC	3453600	3454415	+	815	32	0	0	0	13	0%	0%	0%	41%	A	A	A	P	
b3325	gspD	3454399	3456351	+	1952	78	0	0	2	24	0%	0%	3%	31%	A	A	P	P	
b3326	gspE	3456361	3457842	+	1481	59	0	0	3	10	0%	0%	5%	17%	A	A	P	P	
b3327	gspF	3457839	3459035	+	1196	48	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3328	gspG	3459045	3459482	+	437	18	0	0	2	2	0%	0%	11%	11%	A	A	P	P	
b3329	gspH	3459490	3459999	+	509	21	0	0	2	2	0%	0%	10%	10%	A	A	P	P	U
b3330	gspI	3459996	3460373	+	377	16	0	0	1	1	0%	0%	6%	6%	A	A	P	P	
b3331	gspJ	3460366	3460953	+	587	24	0	0	1	3	0%	0%	4%	13%	A	A	P	P	U
b3332	gspK	3460946	3461929	+	983	40	0	0	3	3	0%	0%	8%	8%	A	A	P	P	
b3333	gspL	3461944	3463107	+	1163	47	0	0	2	2	0%	0%	4%	4%	A	A	P	P	
b3334	gspM	3463104	3463565	+	461	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3335	gspO	3463565	3464242	+	677	27	0	0	2	2	0%	0%	7%	7%	A	A	P	P	
b3348	slyX	3475662	3475880	+	218	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	U
b3352	yheS	3479311	3481224	+	1913	77	77	77	77	77	100%	100%	100%	100%	P	P	P	P	U
b3353	yheT	3481224	3482246	+	1022	41	40	40	40	40	98%	98%	98%	98%	P	P	P	P	U
b3354	yheU	3482240	3482458	+	218	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	U
b3355	prkB	3482512	3483381	+	869	35	33	33	33	33	94%	94%	94%	94%	P	P	P	P	U
b3357	crp	3484142	3484774	+	632	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b3358	yhfK	3484813	3486915	+	2102	84	61	61	61	61	73%	73%	73%	73%	P	P	P	P	U
b3364	tsgA	3490590	3491771	+	1181	47	33	33	33	33	70%	70%	70%	70%	P	P	P	P	U
b3365	nirB	3492033	3494576	+	2543	102	0	94	94	100	0%	92%	92%	98%	A	P	P	P	
b3366	nirD	3494573	3494899	+	326	14	0	12	12	12	0%	86%	86%	86%	A	P	P	P	
b3367	nirC	3495025	3495831	+	806	32	1	14	15	15	3%	44%	47%	47%	P	P	P	P	
b3368	cysG	3495850	3497223	+	1373	55	46	46	46	47	84%	84%	84%	85%	P	P	P	P	
b3369	yhfL	3497470	3497637	+	167	7	0	0	2	2	0%	0%	29%	29%	A	A	P	P	U
b3370	frlA	3497932	3499269	+	1337	54	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b3371	frlB	3499290	3500312	+	1022	41	0	0	2	2	0%	0%	5%	5%	A	A	P	P	
b4474	frlC	3500362	3501192	+	830	33	0	1	2	2	0%	3%	6%	6%	A	P	P	P	U
b3374	frlD	3501189	3501974	+	785	31	0	1	2	2	0%	3%	6%	6%	A	P	P	P	
b3375	frlR	3502074	3502805	+	731	29	27	27	27	28	93%	93%	93%	97%	P	P	P	P	U
b3396	mrcA	3520893	3523445	+	2552	102	101	101	101	101	99%	99%	99%	99%	P	P	P	P	
b3398	yrff	3524491	3526626	+	2135	85	71	71	71	71	84%	84%	84%	84%	P	P	P	P	U
b3399	yrfG	3526691	3527359	+	668	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b3400	hslR	3527370	3527771	+	401	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b3401	hslO	3527796	3528674	+	878	35	34	35	35	35	97%	100%	100%	100%	P	P	P	P	
b3403	pck	3530840	3532462	+	1622	64	60	60	61	61	94%	94%	95%	95%	P	P	P	P	
b3406	greB	3534834	3535310	+	476	19	18	19	19	19	95%	100%	100%	100%	P	P	P	P	
b3407	yhgF	3535407	3537728	+	2321	93	93	93	93	93	100%	100%	100%	100%	P	P	P	P	U
b3408	feoA	3538185	3538412	+	227	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	

b3409	feoB	3538429	3540750	+	2321	93	88	88	88	92	95%	95%	95%	99%	P	P	P	P	
b3410	feoC	3540750	3540986	+	236	9	5	5	5	7	56%	56%	56%	78%	P	P	P	P	U
b3411	yhgA	3541189	3542067	+	878	35	7	8	8	8	20%	23%	23%	23%	P	P	P	P	U
b3413	gntX	3542904	3543587	+	683	27	15	15	15	15	56%	56%	56%	56%	P	P	P	P	
b3414	gntY	3543646	3544221	+	575	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b3415	gntT	3544581	3545897	+	1316	53	6	37	37	37	11%	70%	70%	70%	P	P	P	P	
b3418	malT	3551107	3553812	+	2705	108	108	108	108	108	100%	100%	100%	100%	P	P	P	P	U
b3422	rtcR	3556290	3557888	+	1598	63	0	1	10	10	0%	2%	16%	16%	A	P	P	P	
b3426	glpD	3560036	3561541	+	1505	61	11	20	60	60	18%	33%	98%	98%	P	P	P	P	
b3434	yhgN	3573094	3573687	+	593	24	6	12	12	12	25%	50%	50%	50%	P	P	P	P	U
b3441	yhhY	3579161	3579649	+	488	20	11	11	11	12	55%	55%	55%	60%	P	P	P	P	U
b3442	yhhZ	3579886	3581064	+	1178	46	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3443	yrhA	3581061	3581441	+	380	15	0	0	1	1	0%	0%	7%	7%	A	A	P	P	U
b3444	insA	3581506	3581781	+	275	11	10	10	10	10	91%	91%	91%	91%	P	P	P	P	
b3445	insB	3581700	3582203	+	503	20	11	14	14	14	55%	70%	70%	70%	P	P	P	P	
b3443	yrhA	3582219	3582332	+	113	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4612	yrhD	3582427	3582582	+	155	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3446	yrhB	3582782	3583066	+	284	11	0	0	0	10	0%	0%	0%	91%	A	A	A	P	U
b3448	yhhA	3584966	3585406	+	440	18	15	16	18	18	83%	89%	100%	100%	P	P	P	P	U
b3459	yhhK	3596007	3596390	+	383	15	10	10	10	10	67%	67%	67%	67%	P	P	P	P	U
b3465	rsmD	3602416	3603012	+	596	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	U
b3466	yhhL	3603002	3603271	+	269	10	6	6	6	7	60%	60%	60%	70%	P	P	P	P	U
b3468	yhhN	3603774	3604400	+	626	26	24	24	24	24	92%	92%	92%	92%	P	P	P	P	U
b3469	zntA	3604474	3606672	+	2198	88	11	18	23	23	13%	20%	26%	26%	P	P	P	P	
b3471	yhhQ	3607240	3607905	+	665	27	19	19	19	19	70%	70%	70%	70%	P	P	P	P	U
b3472	dcrB	3607978	3608535	+	557	22	21	21	21	21	95%	95%	95%	95%	P	P	P	P	
b3474	yhhT	3609888	3610937	+	1049	42	15	15	29	31	36%	36%	69%	74%	P	P	P	P	U
b3475	acpT	3610992	3611579	+	587	24	23	23	23	23	96%	96%	96%	96%	P	P	P	P	
b3476	nikA	3611690	3613264	+	1574	63	0	4	6	6	0%	6%	10%	10%	A	P	P	P	
b3477	nikB	3613264	3614208	+	944	38	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b3478	nikC	3614205	3615038	+	833	33	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b3479	nikD	3615038	3615802	+	764	31	0	1	1	1	0%	3%	3%	3%	A	P	P	P	
b3480	nikE	3615799	3616605	+	806	33	2	3	3	3	6%	9%	9%	9%	P	P	P	P	
b3481	nikR	3616611	3617012	+	401	16	8	8	8	8	50%	50%	50%	50%	P	P	P	P	
b3482	rhsB	3617215	3621450	+	4235	170	50	54	69	69	29%	32%	41%	41%	P	P	P	P	
b3483	yhhH	3621422	3621805	+	383	16	0	1	1	1	0%	6%	6%	6%	A	P	P	P	U
b4552	yrhC	3621910	3622260	+	350	14	0	7	7	7	0%	50%	50%	50%	A	P	P	P	U
b3484	yhhI	3622401	3623537	+	1136	45	0	0	4	4	0%	0%	9%	9%	A	A	P	P	U
b3491	yhiM	3632822	3633916	+	1094	44	0	0	0	11	0%	0%	0%	25%	A	A	A	P	U
b3493	pitA	3635665	3637164	+	1499	60	60	60	60	60	100%	100%	100%	100%	P	P	P	P	
b3495	uspA	3638134	3638568	+	434	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b3496	yhiP	3638885	3640354	+	1469	59	10	11	48	49	17%	19%	81%	83%	P	P	P	P	U
b3499	yhiR	3643408	3644250	+	842	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	U
b3500	gor	3644322	3645674	+	1352	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b3501	arsR	3646551	3646904	+	353	14	0	11	11	11	0%	79%	79%	79%	A	P	P	P	
b3502	arsB	3646958	3648247	+	1289	52	1	10	13	13	2%	19%	25%	25%	P	P	P	P	

b3503	arsC	3648260	3648685	+	425	18	10	11	11	11	56%	61%	61%	61%	P	P	P	P	
b3504	yhiS	3649314	3650054	+	740	29	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3504	yhiS	3651254	3651736	+	482	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3506	slp	3651984	3652550	+	566	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b3507	dctR	3652706	3653236	+	530	22	1	1	1	2	5%	5%	5%	9%	P	P	P	P	U
b3511	hdeD	3655018	3655590	+	572	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b3512	gadE	3656389	3656916	+	527	21	20	20	20	21	95%	95%	95%	100%	P	P	P	P	
b3513	mdtE	3657255	3658412	+	1157	47	41	41	41	43	87%	87%	87%	91%	P	P	P	P	
b3514	mdtF	3658437	3661550	+	3113	124	65	65	66	79	52%	52%	53%	64%	P	P	P	P	
b4452	gadY	3662887	3662991	+	104	4	2	2	2	2	50%	50%	50%	50%	P	P	P	P	
b3519	treF	3667615	3669264	+	1649	66	49	49	64	64	74%	74%	97%	97%	P	P	P	P	
b3521	yhjC	3670437	3671336	+	899	36	22	25	25	25	61%	69%	69%	69%	P	P	P	P	U
b3522	yhjD	3671385	3672398	+	1013	41	38	38	40	40	93%	93%	98%	98%	P	P	P	P	U
b3523	yhjE	3672809	3674131	+	1322	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	U
b3526	kdgK	3677442	3678371	+	929	37	35	35	35	35	95%	95%	95%	95%	P	P	P	P	
b3536	bcsE	3694481	3696052	+	1571	63	62	62	62	63	98%	98%	98%	100%	P	P	P	P	U
b3537	bcsF	3696049	3696240	+	191	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b3538	bcsG	3696237	3697916	+	1679	68	64	64	64	65	94%	94%	94%	96%	P	P	P	P	U
b4454	rdlD	3698159	3698222	+	63	3	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3539	yhjV	3698586	3699857	+	1271	51	9	9	9	9	18%	18%	18%	18%	P	P	P	P	U
b3549	tag	3711115	3711678	+	563	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b3550	yiaC	3711675	3712115	+	440	17	15	15	16	16	88%	88%	94%	94%	P	P	P	P	U
b3552	yiaD	3714570	3715229	+	659	26	23	23	23	23	88%	88%	88%	88%	P	P	P	P	U
b3553	ghrB	3715333	3716307	+	974	39	38	38	38	38	97%	97%	97%	97%	P	P	P	P	
b3555	yiaG	3717501	3717791	+	290	11	10	11	11	11	91%	100%	100%	100%	P	P	P	P	U
b3556	cspA	3718072	3718284	+	212	8	7	7	7	7	88%	88%	88%	88%	P	P	P	P	
b3557	insJ	3718703	3719224	+	521	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3558	insK	3719221	3720072	+	851	34	0	3	3	3	0%	9%	9%	9%	A	P	P	P	U
b4614	sokA	3720099	3720128	+	29	1	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3561	wecH	3723910	3724905	+	995	40	0	0	10	10	0%	0%	25%	25%	A	A	P	P	U
b3566	xylF	3729154	3730146	+	992	40	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3567	xylG	3730224	3731765	+	1541	61	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3568	xylH	3731743	3732924	+	1181	48	2	11	13	13	4%	23%	27%	27%	P	P	P	P	
b3569	xylR	3733002	3734180	+	1178	47	21	21	21	21	45%	45%	45%	45%	P	P	P	P	
b3571	malS	3735520	3737550	+	2030	81	6	7	14	14	7%	9%	17%	17%	P	P	P	P	
b3572	avtA	3737728	3738981	+	1253	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b3575	yiaK	3740756	3741754	+	998	40	0	0	4	4	0%	0%	10%	10%	A	A	P	P	
b3576	yiaL	3741766	3742233	+	467	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3577	yiaM	3742351	3742824	+	473	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3578	yiaN	3742827	3744104	+	1277	51	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3579	yiaO	3744117	3745103	+	986	40	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3580	lyx	3745107	3746603	+	1496	60	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3581	sgbH	3746600	3747262	+	662	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3582	sgbU	3747255	3748115	+	860	34	0	2	2	2	0%	6%	6%	6%	A	P	P	P	U
b3583	sgbE	3748109	3748804	+	695	28	0	2	2	2	0%	7%	7%	7%	A	P	P	P	
b4649	ysaD	3748941	3749132	+	191	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b3585	yiaU	3750015	3750989	+	974	39	0	3	9	10	0%	8%	23%	26%	A	P	P	P	U
b3593	rhsA	3760206	3764339	+	4133	165	47	59	74	75	28%	36%	45%	45%	P	P	P	P	U
b3594	yibA	3764360	3765202	+	842	34	6	28	28	28	18%	82%	82%	82%	P	P	P	P	U
b3595	yibJ	3765244	3766188	+	944	38	8	21	21	21	21%	55%	55%	55%	P	P	P	P	U
b3596	yibG	3766200	3766661	+	461	19	0	9	9	9	0%	47%	47%	47%	A	P	P	P	U
b4650	yibS	3766662	3766913	+	251	10	0	3	3	3	0%	30%	30%	30%	A	P	P	P	U
b4651	yibW	3766915	3767279	+	364	15	0	5	5	6	0%	33%	33%	40%	A	P	P	P	U
b4615	yibV	3767368	3767703	+	335	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4652	yibU	3767971	3768169	+	198	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3599	mtlA	3770304	3772217	+	1913	76	73	73	73	73	96%	96%	96%	96%	P	P	P	P	
b3600	mtlD	3772447	3773595	+	1148	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b3601	mtlR	3773595	3774182	+	587	24	16	16	16	16	67%	67%	67%	67%	P	P	P	P	
b3602	yibL	3774688	3775050	+	362	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b3603	lldP	3775422	3777077	+	1655	67	44	44	45	45	66%	66%	67%	67%	P	P	P	P	
b3604	lldR	3777077	3777853	+	776	32	27	27	27	27	84%	84%	84%	84%	P	P	P	P	
b3605	lldD	3777850	3779040	+	1190	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	
b3606	yibK	3779238	3779711	+	473	19	15	15	17	17	79%	79%	89%	89%	P	P	P	P	U
b3612	gpmM	3783283	3784827	+	1544	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b3613	envC	3784861	3786120	+	1259	50	49	49	49	49	98%	98%	98%	98%	P	P	P	P	
b3614	yibQ	3786124	3787083	+	959	39	34	34	34	34	87%	87%	87%	87%	P	P	P	P	U
b3619	rfaD	3792010	3792942	+	932	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b3620	rfaF	3792952	3793998	+	1046	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b3621	rfaC	3794002	3794961	+	959	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b3622	rfaL	3794971	3796230	+	1259	51	41	41	41	41	80%	80%	80%	80%	P	P	P	P	
b3633	waaA	3806563	3807840	+	1277	51	50	50	50	50	98%	98%	98%	98%	P	P	P	P	
b3634	coaD	3807848	3808327	+	479	19	17	17	17	17	89%	89%	89%	89%	P	P	P	P	
b3639	dfp	3810754	3811974	+	1220	49	49	49	49	49	100%	100%	100%	100%	P	P	P	P	
b3640	dut	3811955	3812410	+	455	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b3641	slmA	3812517	3813113	+	596	24	23	23	23	23	96%	96%	96%	96%	P	P	P	P	
b3644	yicC	3814699	3815562	+	863	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	U
b3645	dinD	3815783	3816607	+	824	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3646	yicG	3816897	3817514	+	617	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3648	gmk	3819451	3820074	+	623	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b3649	rpoZ	3820129	3820404	+	275	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b3650	spoT	3820423	3822531	+	2108	85	85	85	85	85	100%	100%	100%	100%	P	P	P	P	
b3651	trmH	3822538	3823227	+	689	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b3652	recG	3823233	3825314	+	2081	83	75	75	75	75	90%	90%	90%	90%	P	P	P	P	
b3654	yicE	3826968	3828359	+	1391	56	55	55	55	55	98%	98%	98%	98%	P	P	P	P	U
b3655	yicH	3828480	3830189	+	1709	69	66	66	66	66	96%	96%	96%	96%	P	P	P	P	U
b3658	selC	3834245	3834339	+	94	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b4653	yicT	3834448	3834579	+	131	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3659	setC	3834976	3836160	+	1184	48	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3660	yicL	3836271	3837194	+	923	37	27	27	27	29	73%	73%	73%	78%	P	P	P	P	U
b4555	yicS	3838238	3838531	+	293	12	0	5	5	5	0%	42%	42%	42%	A	P	P	P	U
b3665	ade	3841987	3843753	+	1766	70	16	16	25	25	23%	23%	36%	36%	P	P	P	P	
b4617	tisA	3851466	3851579	+	113	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	U

b4618	tisB	3851576	3851665	+	89	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b3673	emrD	3851945	3853129	+	1184	47	0	3	5	5	0%	6%	11%	11%	A	P	P	P	
b3677	yidI	3854438	3854887	+	449	18	6	6	6	6	33%	33%	33%	33%	P	P	P	P	U
b3680	yidL	3858276	3859199	+	923	37	0	1	1	1	0%	3%	3%	3%	A	P	P	P	U
b3684	yidP	3861922	3862638	+	716	29	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3688	yidQ	3865751	3866083	+	332	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b3690	cbrA	3867400	3868464	+	1064	43	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3696	yidX	3873461	3874117	+	656	26	6	6	17	17	23%	23%	65%	65%	P	P	P	P	U
b3703	rpmH	3882359	3882499	+	140	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	
b3704	rnpA	3882516	3882875	+	359	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b4557	yidD	3882839	3883096	+	257	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b3705	yidC	3883099	3884745	+	1646	65	63	63	63	63	97%	97%	97%	97%	P	P	P	P	
b3706	mnmE	3884851	3886215	+	1364	54	53	53	53	53	98%	98%	98%	98%	P	P	P	P	
b3707	tnaC	3886458	3886532	+	74	3	2	2	2	2	67%	67%	67%	67%	P	P	P	P	
b3708	tnaA	3886753	3888168	+	1415	56	0	2	5	5	0%	4%	9%	9%	A	P	P	P	
b3709	tnaB	3888259	3889506	+	1247	50	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3710	mdtL	3889638	3890813	+	1175	47	3	3	3	3	6%	6%	6%	6%	P	P	P	P	
b3711	yidZ	3890788	3891747	+	959	39	21	21	21	21	54%	54%	54%	54%	P	P	P	P	U
b3712	yieE	3891892	3892653	+	761	31	24	24	24	29	77%	77%	77%	94%	P	P	P	P	U
b3713	yieF	3892675	3893241	+	566	22	21	21	21	22	95%	95%	95%	100%	P	P	P	P	
b3715	yieH	3894797	3895462	+	665	27	25	25	25	25	93%	93%	93%	93%	P	P	P	P	U
b3716	cbrB	3895529	3895996	+	467	18	1	2	3	3	6%	11%	17%	17%	P	P	P	P	U
b3717	cbrC	3896045	3896632	+	587	24	7	12	13	14	29%	50%	54%	58%	P	P	P	P	U
b3744	asnA	3925178	3926170	+	992	40	35	35	35	35	88%	88%	88%	88%	P	P	P	P	
b3747	kup	3929339	3931207	+	1868	75	61	61	61	61	81%	81%	81%	81%	P	P	P	P	
b3748	rbsD	3931374	3931793	+	419	17	16	16	16	16	94%	94%	94%	94%	P	P	P	P	U
b3749	rbsA	3931801	3933306	+	1505	60	54	54	54	54	90%	90%	90%	90%	P	P	P	P	
b3750	rbsC	3933311	3934276	+	965	38	31	31	31	31	82%	82%	82%	82%	P	P	P	P	
b3751	rbsB	3934301	3935191	+	890	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b3752	rbsK	3935317	3936246	+	929	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b3753	rbsR	3936250	3937242	+	992	40	13	13	14	14	33%	33%	35%	35%	P	P	P	P	
b3756	rrsC	3939831	3941372	+	1541	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b3757	gltU	3941458	3941533	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3758	rrlC	3941727	3944630	+	2903	116	116	116	116	116	100%	100%	100%	100%	P	P	P	P	
b3759	rrfC	3944723	3944842	+	119	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b3760	aspT	3944895	3944971	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3761	trpT	3944980	3945055	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3764	yifE	3946109	3946447	+	338	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b3766	ilvL	3948345	3948443	+	98	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b4488	ilvG	3948583	3950227	+	1644	65	65	65	65	65	100%	100%	100%	100%	P	P	P	P	U
b3769	ilvM	3950224	3950487	+	263	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b3770	ilvE	3950507	3951436	+	929	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b3771	ilvD	3951501	3953351	+	1850	74	74	74	74	74	100%	100%	100%	100%	P	P	P	P	
b3772	ilvA	3953354	3954898	+	1544	62	61	61	61	61	98%	98%	98%	98%	P	P	P	P	
b3774	ilvC	3955993	3957468	+	1475	59	59	59	59	59	100%	100%	100%	100%	P	P	P	P	
b3778	rep	3958700	3960721	+	2021	81	78	78	78	78	96%	96%	96%	96%	P	P	P	P	

b3781	trxA	3963784	3964113	+	329	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b3783	rho	3964440	3965699	+	1259	50	48	48	48	48	96%	96%	96%	96%	P	P	P	P	
b3784	rfe	3965939	3967042	+	1103	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b3785	wzzE	3967054	3968100	+	1046	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b3786	rffE	3968156	3969286	+	1130	45	44	44	44	44	98%	98%	98%	98%	P	P	P	P	
b3787	rffD	3969283	3970545	+	1262	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b3788	rffG	3970545	3971612	+	1067	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b3789	rffH	3971631	3972512	+	881	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b3790	rffC	3972490	3973164	+	674	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b3791	rffA	3973169	3974299	+	1130	45	43	43	43	43	96%	96%	96%	96%	P	P	P	P	
b3792	wzzE	3974301	3975551	+	1250	50	44	44	44	44	88%	88%	88%	88%	P	P	P	P	
b4481	rfft	3975548	3976627	+	1079	43	33	33	33	34	77%	77%	77%	79%	P	P	P	P	
b3793	wzyE	3976624	3977976	+	1352	54	29	29	29	29	54%	54%	54%	54%	P	P	P	P	U
b3794	rffM	3977979	3978719	+	740	30	23	23	23	23	77%	77%	77%	77%	P	P	P	P	
b3795	yifK	3978910	3980295	+	1385	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	U
b3796	argX	3980398	3980474	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3797	hisR	3980532	3980608	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3798	leuT	3980629	3980715	+	86	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b3799	proM	3980758	3980834	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3800	aslB	3980981	3982216	+	1235	50	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b4456	glmZ	3984455	3984626	+	171	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	
b3806	cyaA	3989176	3991722	+	2546	102	102	102	102	102	100%	100%	100%	100%	P	P	P	P	
b4558	yifL	3992545	3992748	+	203	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b3809	dapF	3992785	3993609	+	824	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b3810	yigA	3993606	3994313	+	707	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	U
b3811	xerC	3994310	3995206	+	896	36	35	35	35	35	97%	97%	97%	97%	P	P	P	P	
b3812	yigB	3995206	3995922	+	716	29	28	28	28	28	97%	97%	97%	97%	P	P	P	P	U
b3813	uvrD	3996006	3998168	+	2162	87	82	82	82	82	94%	94%	94%	94%	P	P	P	P	
b3816	corA	3999449	4000399	+	950	38	37	37	37	37	97%	97%	97%	97%	P	P	P	P	
b3821	pldA	4002885	4003754	+	869	35	33	33	33	33	94%	94%	94%	94%	P	P	P	P	
b3822	recQ	4003887	4005716	+	1829	74	69	69	69	69	93%	93%	93%	93%	P	P	P	P	
b3823	rhtC	4005780	4006400	+	620	25	22	22	22	23	88%	88%	88%	92%	P	P	P	P	
b3825	pldB	4007193	4008215	+	1022	41	40	40	40	40	98%	98%	98%	98%	P	P	P	P	
b3826	yigL	4008223	4009023	+	800	32	28	28	28	28	88%	88%	88%	88%	P	P	P	P	U
b3827	yigM	4009099	4009998	+	899	36	13	13	13	13	36%	36%	36%	36%	P	P	P	P	U
b3829	metE	4011076	4013337	+	2261	90	90	90	90	90	100%	100%	100%	100%	P	P	P	P	
b3831	udp	4014454	4015215	+	761	31	30	31	31	31	97%	100%	100%	100%	P	P	P	P	
b3832	rmuC	4015356	4016783	+	1427	57	27	29	29	29	47%	51%	51%	51%	P	P	P	P	U
b3833	ubiE	4016878	4017633	+	755	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b3834	yigP	4017647	4018252	+	605	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	U
b3835	ubiB	4018249	4019889	+	1640	65	62	62	62	62	95%	95%	95%	95%	P	P	P	P	
b3836	tatA	4019968	4020237	+	269	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b3838	tatB	4020241	4020756	+	515	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b3839	tatC	4020759	4021535	+	776	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b4483	tatD	4021577	4022359	+	782	31	27	27	27	27	87%	87%	87%	87%	P	P	P	P	
b3843	ubiD	4023011	4024504	+	1493	60	60	60	60	60	100%	100%	100%	100%	P	P	P	P	

b3844	fre	4024550	4025251	+	701	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b3847	pepQ	4029184	4030515	+	1331	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	
b3848	yigZ	4030515	4031129	+	614	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	U
b3849	trkH	4031168	4032619	+	1451	58	54	54	55	55	93%	93%	95%	95%	P	P	P	P	
b3850	hemG	4032631	4033176	+	545	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b3851	rrsA	4033554	4035095	+	1541	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b3852	ileT	4035164	4035240	+	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3853	alaT	4035283	4035358	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3854	rrlA	4035542	4038446	+	2904	117	117	117	117	117	100%	100%	100%	100%	P	P	P	P	
b3855	rrfA	4038540	4038659	+	119	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b3858	yihD	4040092	4040361	+	269	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b3859	rdoA	4040438	4041424	+	986	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b3860	dsbA	4041441	4042067	+	626	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b3861	yihF	4042222	4043652	+	1430	57	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b3863	polA	4044989	4047775	+	2786	111	111	111	111	111	100%	100%	100%	100%	P	P	P	P	
b3864	spf	4047922	4048030	+	108	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b4457	csrC	4049059	4049303	+	244	9	8	8	8	8	89%	89%	89%	89%	P	P	P	P	
b3866	yihI	4049370	4049879	+	509	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	U
b3867	hemN	4050068	4051441	+	1373	55	52	52	52	52	95%	95%	95%	95%	P	P	P	P	
b3871	typA	4056430	4058253	+	1823	73	73	73	73	73	100%	100%	100%	100%	P	P	P	P	
b3872	yihL	4058470	4059180	+	710	28	0	0	0	1	0%	0%	0%	4%	A	A	A	P	U
b3873	yihM	4059188	4060168	+	980	39	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3874	yihN	4060270	4061535	+	1265	51	0	0	4	4	0%	0%	8%	8%	A	A	P	P	U
b3883	yihV	4071762	4072658	+	896	36	0	14	24	24	0%	39%	67%	67%	A	P	P	P	U
b3884	yihW	4072692	4073477	+	785	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	U
b3885	yihX	4073576	4074175	+	599	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	U
b3886	yihY	4074169	4075041	+	872	35	31	31	32	32	89%	89%	91%	91%	P	P	P	P	U
b3887	dtd	4075038	4075475	+	437	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b3888	yiiD	4075472	4076461	+	989	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	U
b3889	yiiE	4077320	4077532	+	212	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3890	yiiF	4077774	4077992	+	218	9	0	1	1	1	0%	11%	11%	11%	A	P	P	P	U
b3895	fdhD	4084039	4084872	+	833	33	26	26	27	27	79%	79%	82%	82%	P	P	P	P	
b3896	yiiG	4085025	4086080	+	1055	42	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3905	rhaS	4095759	4096595	+	836	34	0	0	4	4	0%	0%	12%	12%	A	A	P	P	
b3906	rhaR	4096669	4097517	+	848	34	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3908	sodA	4098833	4099453	+	620	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b3909	kdgT	4099713	4100696	+	983	40	3	13	14	14	8%	33%	35%	35%	P	P	P	P	
b3910	yiiM	4100845	4101519	+	674	27	26	26	27	27	96%	96%	100%	100%	P	P	P	P	U
b4484	cpxP	4103843	4104343	+	500	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b3915	fieF	4104492	4105394	+	902	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b3916	pfkA	4105575	4106537	+	962	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b3917	sbp	4106857	4107846	+	989	40	38	38	38	38	95%	95%	95%	95%	P	P	P	P	
b3918	cdh	4107953	4108708	+	755	30	24	24	24	24	80%	80%	80%	80%	P	P	P	P	
b3921	yiiR	4110338	4110778	+	440	18	13	13	16	17	72%	72%	89%	94%	P	P	P	P	U
b3922	yiiS	4110990	4111289	+	299	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b3923	uspD	4111316	4111744	+	428	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	

b3928	yiiU	4116538	4116783	+	245	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b3936	rpmE	4125036	4125248	+	212	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b3939	metB	4126695	4127855	+	1160	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b3940	metL	4127858	4130290	+	2432	97	93	94	94	94	96%	97%	97%	97%	P	P	P	P	
b3941	metF	4130639	4131529	+	890	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b3942	katG	4131858	4134038	+	2180	87	87	87	87	87	100%	100%	100%	100%	P	P	P	P	
b3943	yijE	4134131	4135036	+	905	36	4	5	5	5	11%	14%	14%	14%	P	P	P	P	U
b3949	frwC	4140553	4141632	+	1079	43	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b3950	frwB	4141647	4141967	+	320	13	0	3	3	3	0%	23%	23%	23%	A	P	P	P	U
b3951	pflD	4142018	4144315	+	2297	92	0	0	6	6	0%	0%	7%	7%	A	A	P	P	U
b3952	pflC	4144281	4145159	+	878	35	0	0	2	2	0%	0%	6%	6%	A	A	P	P	
b3953	frwD	4145161	4145502	+	341	14	0	0	2	2	0%	0%	14%	14%	A	A	P	P	U
b3958	argC	4153024	4154028	+	1004	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b3959	argB	4154036	4154812	+	776	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b3960	argH	4154873	4156246	+	1373	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b3961	oxyR	4156513	4157430	+	917	36	33	33	33	33	92%	92%	92%	92%	P	P	P	P	
b3963	fabR	4159147	4159794	+	647	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b3964	yijD	4159794	4160153	+	359	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b3966	btuB	4161662	4163506	+	1844	73	71	71	71	71	97%	97%	97%	97%	P	P	P	P	
b3967	murI	4163451	4164308	+	857	34	33	33	33	33	97%	97%	97%	97%	P	P	P	P	
b3968	rrsB	4164682	4166223	+	1541	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b3969	gltT	4166395	4166470	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3970	rrlB	4166664	4169567	+	2903	116	116	116	116	116	100%	100%	100%	100%	P	P	P	P	
b3971	rrfB	4169660	4169779	+	119	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b3972	murB	4170080	4171108	+	1028	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b3973	birA	4171105	4172070	+	965	39	31	31	32	32	79%	79%	82%	82%	P	P	P	P	
b3976	thrU	4173411	4173486	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3977	tyrU	4173495	4173579	+	84	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3978	glyT	4173696	4173770	+	74	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3979	thrT	4173777	4173852	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3980	tufB	4173967	4175151	+	1184	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b3981	secE	4175381	4175764	+	383	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b3982	nusG	4175766	4176311	+	545	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b3983	rplK	4176470	4176898	+	428	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b3984	rplA	4176902	4177606	+	704	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b3985	rplJ	4178019	4178516	+	497	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b3986	rplL	4178583	4178948	+	365	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b3987	rpoB	4179268	4183296	+	4028	161	161	161	161	161	100%	100%	100%	100%	P	P	P	P	
b3988	rpoC	4183373	4187596	+	4223	169	168	168	168	168	99%	99%	99%	99%	P	P	P	P	
b3989	yjaZ	4187809	4188348	+	539	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3996	nudC	4194926	4195699	+	773	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b3997	hemE	4195739	4196803	+	1064	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b3998	nfi	4196813	4197484	+	671	27	26	26	26	26	96%	96%	96%	96%	P	P	P	P	
b3999	yjaG	4197527	4198117	+	590	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b4000	hupA	4198304	4198576	+	272	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b4001	yjaH	4198589	4199284	+	695	28	18	18	18	18	64%	64%	64%	64%	P	P	P	P	U

b4003	zraS	4199949	4201346	+	1397	56	7	13	13	13	13%	23%	23%	23%	P	P	P	P	
b4004	zraR	4201343	4202668	+	1325	53	33	33	33	33	62%	62%	62%	62%	P	P	P	P	
b4007	rrsE	4206170	4207711	+	1541	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b4008	gltV	4207797	4207872	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b4009	rrlE	4208066	4210969	+	2903	116	116	116	116	116	100%	100%	100%	100%	P	P	P	P	
b4010	rrfE	4211063	4211182	+	119	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b4011	yjaA	4211257	4211640	+	383	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4013	metA	4212303	4213232	+	929	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b4014	aceB	4213501	4215102	+	1601	65	65	65	65	65	100%	100%	100%	100%	P	P	P	P	
b4015	aceA	4215132	4216436	+	1304	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b4016	aceK	4216619	4218355	+	1736	70	68	68	68	68	97%	97%	97%	97%	P	P	P	P	
b4019	metH	4221851	4225534	+	3683	148	147	147	147	147	99%	99%	99%	99%	P	P	P	P	
b4020	yjbB	4225754	4227385	+	1631	66	42	42	43	43	64%	64%	65%	65%	P	P	P	P	U
b4022	rluF	4228377	4229249	+	872	35	32	32	32	32	91%	91%	91%	91%	P	P	P	P	
b4025	pgi	4231781	4233430	+	1649	66	66	66	66	66	100%	100%	100%	100%	P	P	P	P	
b4026	yjbE	4233929	4234171	+	242	10	3	3	3	3	30%	30%	30%	30%	P	P	P	P	U
b4027	yjbF	4234285	4234923	+	638	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4028	yjbG	4234920	4235657	+	737	29	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4029	yjbH	4235657	4237753	+	2096	84	10	11	13	13	12%	13%	15%	15%	P	P	P	P	U
b4030	psiE	4238348	4238758	+	410	17	7	11	11	17	41%	65%	65%	100%	P	P	P	P	U
b4035	malK	4244807	4245922	+	1115	45	20	20	20	20	44%	44%	44%	44%	P	P	P	P	
b4036	lamB	4245994	4247334	+	1340	54	45	45	45	45	83%	83%	83%	83%	P	P	P	P	
b4037	malM	4247577	4248497	+	920	37	21	25	30	30	57%	68%	81%	81%	P	P	P	P	
b4038	yjbI	4248726	4250306	+	1580	63	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4039	ubiC	4250529	4251026	+	497	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b4040	ubiA	4251039	4251911	+	872	35	33	33	33	33	94%	94%	94%	94%	P	P	P	P	
b4042	dgkA	4254660	4255028	+	368	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b4043	lexA	4255138	4255746	+	608	25	22	22	22	22	88%	88%	88%	88%	P	P	P	P	
b4044	dinF	4255765	4257144	+	1379	56	14	15	16	16	25%	27%	29%	29%	P	P	P	P	
b4045	yjbJ	4257260	4257469	+	209	9	5	8	8	8	56%	89%	89%	89%	P	P	P	P	U
b4047	yjbL	4258344	4258598	+	254	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4048	yjbM	4258622	4259329	+	707	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4049	dusA	4259737	4260729	+	992	40	39	39	39	39	98%	98%	98%	98%	P	P	P	P	
b4050	pspG	4260863	4261105	+	242	10	0	4	5	5	0%	40%	50%	50%	A	P	P	P	
b4052	dnaB	4262337	4263752	+	1415	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	
b4053	alr	4263805	4264884	+	1079	43	36	36	36	36	84%	84%	84%	84%	P	P	P	P	
b4054	tyrB	4265137	4266330	+	1193	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	
b4055	aphA	4267437	4268150	+	713	29	5	5	7	7	17%	17%	24%	24%	P	P	P	P	
b4056	yjbQ	4268261	4268677	+	416	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	U
b4057	yjbR	4268681	4269037	+	356	14	12	12	12	12	86%	86%	86%	86%	P	P	P	P	U
b4059	ssb	4272148	4272684	+	536	21	19	19	19	19	90%	90%	90%	90%	P	P	P	P	
b4061	yjcC	4273494	4275080	+	1586	63	0	0	53	53	0%	0%	84%	84%	A	A	P	P	U
b4063	soxR	4275492	4275956	+	464	19	0	17	17	17	0%	89%	89%	89%	A	P	P	P	
b4064	yjcD	4276502	4277851	+	1349	54	53	53	53	53	98%	98%	98%	98%	P	P	P	P	U
b4065	yjcE	4278003	4279652	+	1649	66	57	57	57	57	86%	86%	86%	86%	P	P	P	P	U
b4070	nrfA	4285787	4287223	+	1436	58	0	0	3	7	0%	0%	5%	12%	A	A	P	P	

b4071	nrfB	4287268	4287834	+	566	23	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4072	nrfC	4287831	4288502	+	671	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4073	nrfD	4288499	4289455	+	956	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4074	nrfE	4289535	4291193	+	1658	67	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4075	nrfF	4291186	4291569	+	383	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4076	nrfG	4291566	4292162	+	596	24	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4077	gltP	4292504	4293817	+	1313	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b4090	rpiB	4311373	4311822	+	449	18	12	14	14	15	67%	78%	78%	83%	P	P	P	P	
b4487	yjdP	4311891	4312220	+	329	14	12	13	13	13	86%	93%	93%	93%	P	P	P	P	U
b4109	yjdA	4325158	4327386	+	2228	89	15	20	20	20	17%	22%	22%	22%	P	P	P	P	U
b4110	yjcZ	4327383	4328261	+	878	35	0	2	2	2	0%	6%	6%	6%	A	P	P	P	U
b4111	proP	4328525	4330027	+	1502	60	60	60	60	60	100%	100%	100%	100%	P	P	P	P	
b4119	melA	4339934	4341289	+	1355	54	0	9	38	38	0%	17%	70%	70%	A	P	P	P	
b4120	melB	4341404	4342813	+	1409	56	0	4	20	20	0%	7%	36%	36%	A	P	P	P	
b4126	yjdI	4349866	4350096	+	230	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	U
b4127	yjdJ	4350108	4350380	+	272	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b4128	yjdK	4350607	4350903	+	296	12	0	2	2	2	0%	17%	17%	17%	A	P	P	P	U
b4559	yjdO	4350931	4351104	+	173	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4140	fxsA	4366687	4367163	+	476	19	18	19	19	19	95%	100%	100%	100%	P	P	P	P	
b4142	groS	4368711	4369004	+	293	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b4143	groL	4369048	4370694	+	1646	66	66	66	66	66	100%	100%	100%	100%	P	P	P	P	
b4144	yjeI	4370832	4371185	+	353	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b4147	efp	4373722	4374288	+	566	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b4410	ecnA	4374340	4374465	+	125	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b4411	ecnB	4374576	4374722	+	146	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b4148	sugE	4374898	4375215	+	317	13	11	12	12	12	85%	92%	92%	92%	P	P	P	P	
b4155	poxA	4380666	4381643	+	977	39	28	30	33	33	72%	77%	85%	85%	P	P	P	P	U
b4156	yjeM	4381862	4383364	+	1502	60	3	5	5	5	5%	8%	8%	8%	P	P	P	P	U
b4157	yjeN	4383416	4383730	+	314	13	0	1	2	2	0%	8%	15%	15%	A	P	P	P	U
b4158	yjeO	4383727	4384041	+	314	12	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4162	orn	4389627	4390172	+	545	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b4163	glyV	4390383	4390458	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b4164	glyX	4390495	4390570	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b4165	glyY	4390606	4390681	+	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b4167	yjeF	4392089	4393636	+	1547	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	U
b4168	yjeE	4393608	4394069	+	461	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b4169	amiB	4394088	4395425	+	1337	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	
b4170	mutL	4395435	4397282	+	1847	74	70	70	70	71	95%	95%	95%	96%	P	P	P	P	
b4171	miaA	4397275	4398225	+	950	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b4172	hfq	4398311	4398619	+	308	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b4173	hflX	4398695	4399975	+	1280	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	U
b4174	hflK	4400061	4401320	+	1259	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b4175	hflC	4401323	4402327	+	1004	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b4176	yjeT	4402409	4402606	+	197	7	3	3	3	3	43%	43%	43%	43%	P	P	P	P	U
b4177	purA	4402710	4404008	+	1298	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b4178	nsrR	4404213	4404638	+	425	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	U

b4179	rnr	4404677	4407118	+	2441	98	98	98	98	98	100%	100%	100%	100%	P	P	P	P	
b4180	rlmB	4407298	4408029	+	731	29	24	24	24	24	83%	83%	83%	83%	P	P	P	P	
b4181	yjfI	4408156	4408557	+	401	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4182	yjfJ	4408576	4409274	+	698	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4183	yjfK	4409325	4409984	+	659	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4184	yjfL	4410002	4410400	+	398	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4185	yjfM	4410410	4411048	+	638	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4186	yjfC	4411051	4412214	+	1163	46	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4187	aidB	4412298	4413923	+	1625	65	57	57	63	65	88%	88%	97%	100%	P	P	P	P	
b4190	yjfP	4414975	4415724	+	749	30	18	20	20	22	60%	67%	67%	73%	P	P	P	P	U
b4193	ulaA	4418003	4419400	+	1397	56	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4194	ulaB	4419416	4419721	+	305	13	0	3	3	3	0%	23%	23%	23%	A	P	P	P	
b4195	ulaC	4419731	4420195	+	464	19	1	1	2	2	5%	5%	11%	11%	P	P	P	P	
b4196	ulaD	4420209	4420859	+	650	26	3	3	5	5	12%	12%	19%	19%	P	P	P	P	
b4197	ulaE	4420869	4421723	+	854	35	4	5	6	6	11%	14%	17%	17%	P	P	P	P	
b4198	ulaF	4421723	4422409	+	686	27	1	1	1	1	4%	4%	4%	4%	P	P	P	P	
b4200	rpsF	4423141	4423536	+	395	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b4201	priB	4423543	4423857	+	314	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b4202	rpsR	4423862	4424089	+	227	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b4203	rplI	4424131	4424580	+	449	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b4205	ytfA	4425717	4426118	+	401	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4207	fkIB	4426958	4427578	+	620	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b4208	cycA	4427887	4429299	+	1412	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	
b4212	ytfH	4432136	4432516	+	380	15	4	12	15	15	27%	80%	100%	100%	P	P	P	P	U
b4214	cysQ	4434778	4435518	+	740	29	26	28	29	29	90%	97%	100%	100%	P	P	P	P	
b4215	ytfI	4435730	4436668	+	938	37	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4217	ytfK	4437610	4437816	+	206	8	6	6	7	7	75%	75%	88%	88%	P	P	P	P	U
b4220	ytfM	4440405	4442138	+	1733	69	66	66	66	66	96%	96%	96%	96%	P	P	P	P	U
b4221	ytfN	4442135	4445914	+	3779	151	147	147	147	147	97%	97%	97%	97%	P	P	P	P	U
b4222	ytfP	4445917	4446258	+	341	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b4224	chpS	4446470	4446721	+	251	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b4225	chpB	4446715	4447065	+	350	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b4227	ytfQ	4447985	4448941	+	956	38	15	16	38	38	39%	42%	100%	100%	P	P	P	P	U
b4485	ytfR	4449081	4450583	+	1502	60	1	1	57	57	2%	2%	95%	95%	P	P	P	P	U
b4230	ytfT	4450594	4451619	+	1025	41	0	0	37	37	0%	0%	90%	90%	A	A	P	P	U
b4231	yjfF	4451606	4452601	+	995	40	0	0	30	30	0%	0%	75%	75%	A	A	P	P	U
b4233	mpl	4453808	4455181	+	1373	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b4235	pmbA	4455982	4457334	+	1352	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	U
b4236	cybC	4457513	4457878	+	365	15	12	12	14	14	80%	80%	93%	93%	P	P	P	P	U
b4242	mgta	4465648	4468344	+	2696	108	100	103	103	105	93%	95%	95%	97%	P	P	P	P	
b4251	yjgJ	4472147	4472740	+	593	24	19	22	22	22	79%	92%	92%	92%	P	P	P	P	U
b4252	yjgK	4472885	4473337	+	452	19	16	17	17	17	84%	89%	89%	89%	P	P	P	P	U
b4253	yjgL	4473460	4475274	+	1814	73	0	1	3	3	0%	1%	4%	4%	A	P	P	P	U
b4255	rraB	4476496	4476912	+	416	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	U
b4257	yjgN	4477753	4478949	+	1196	48	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4261	yjgP	4484241	4485341	+	1100	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	U

b4262	yjqQ	4485341	4486423	+	1082	43	40	40	40	40	93%	93%	93%	93%	P	P	P	P	U
b4268	idnK	4492646	4493209	+	563	22	0	4	4	4	0%	18%	18%	18%	A	P	P	P	
b4270	leuX	4494428	4494512	+	84	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b4271	intB	4494698	4495963	+	1265	51	30	31	31	36	59%	61%	61%	71%	P	P	P	P	U
b4272	insC	4496295	4496660	+	365	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b4273	insD	4496618	4497523	+	905	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b4277	yjgZ	4499283	4499612	+	329	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4279	yjhB	4502081	4503298	+	1217	49	0	0	0	3	0%	0%	0%	6%	A	A	A	P	U
b4280	yjhC	4503310	4504428	+	1118	45	0	0	0	19	0%	0%	0%	42%	A	A	A	P	U
b4655	ythA	4504471	4504596	+	125	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4282	yjhE	4504884	4505132	+	248	10	2	2	3	3	20%	20%	30%	30%	P	P	P	P	U
b4623	insO	4505220	4505474	+	254	10	4	6	6	6	40%	60%	60%	60%	P	P	P	P	U
b4623	insO	4507032	4507816	+	784	32	0	0	3	4	0%	0%	9%	13%	A	A	P	P	U
b4286	yjhV	4507827	4508156	+	329	13	0	0	1	1	0%	0%	8%	8%	A	A	P	P	U
b4294	insA	4516550	4516825	+	275	11	9	9	9	9	82%	82%	82%	82%	P	P	P	P	
b4576	insB	4516744	4517247	+	503	21	5	5	6	7	24%	24%	29%	33%	P	P	P	P	U
b4624	ryjB	4526000	4526089	+	89	3	2	2	2	2	67%	67%	67%	67%	P	P	P	P	U
b4308	yjhR	4532814	4534054	+	1240	50	0	3	3	3	0%	6%	6%	6%	A	P	P	P	U
b4312	fimB	4538980	4539582	+	602	24	22	22	22	22	92%	92%	92%	92%	P	P	P	P	
b4313	fimE	4540060	4540656	+	596	24	5	10	10	10	21%	42%	42%	42%	P	P	P	P	
b4314	fimA	4541138	4541686	+	548	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b4315	fimI	4541751	4542290	+	539	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b4316	fimC	4542327	4543052	+	725	29	27	27	27	27	93%	93%	93%	93%	P	P	P	P	
b4317	fimD	4543119	4545755	+	2636	106	34	35	36	36	32%	33%	34%	34%	P	P	P	P	
b4318	fimF	4545765	4546295	+	530	21	12	12	12	12	57%	57%	57%	57%	P	P	P	P	
b4319	fimG	4546308	4546811	+	503	20	7	7	7	7	35%	35%	35%	35%	P	P	P	P	
b4320	fimH	4546831	4547733	+	902	36	20	20	22	22	56%	56%	61%	61%	P	P	P	P	
b4322	uxuA	4549659	4550843	+	1184	47	25	45	45	45	53%	96%	96%	96%	P	P	P	P	
b4323	uxuB	4550924	4552384	+	1460	58	12	51	51	51	21%	88%	88%	88%	P	P	P	P	
b4324	uxuR	4552599	4553372	+	773	31	25	26	26	26	81%	84%	84%	84%	P	P	P	P	
b4326	yjiD	4555016	4555408	+	392	16	6	6	6	11	38%	38%	38%	69%	P	P	P	P	
b4331	kptA	4558953	4559507	+	554	22	5	5	5	6	23%	23%	23%	27%	P	P	P	P	
b4339	yjiP	4567021	4567941	+	920	37	11	14	14	14	30%	38%	38%	38%	P	P	P	P	U
b4341	yjiS	4569774	4569938	+	164	7	0	0	1	1	0%	0%	14%	14%	A	A	P	P	U
b4342	yjiT	4570437	4571939	+	1502	60	54	54	54	54	90%	90%	90%	90%	P	P	P	P	U
b4486	yjiV	4571942	4574878	+	2936	118	44	60	61	62	37%	51%	52%	53%	P	P	P	P	U
b4625	symR	4577858	4577934	+	76	3	2	2	2	2	67%	67%	67%	67%	P	P	P	P	
b4351	mrr	4584972	4585886	+	914	37	36	36	36	36	97%	97%	97%	97%	P	P	P	P	
b4355	tsr	4589680	4591335	+	1655	66	6	20	27	27	9%	30%	41%	41%	P	P	P	P	
b4358	yjjN	4594022	4595035	+	1013	41	0	4	7	7	0%	10%	17%	17%	A	P	P	P	U
b4365	yjjQ	4601500	4602225	+	725	29	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4366	bglJ	4602333	4602860	+	527	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4567	yjjZ	4603827	4604063	+	236	9	0	0	9	9	0%	0%	100%	100%	A	A	P	P	U
b4372	holD	4605826	4606239	+	413	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b4373	rimI	4606208	4606654	+	446	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b4374	yjjG	4606669	4607346	+	677	27	26	26	26	26	96%	96%	96%	96%	P	P	P	P	

b4375	prfC	4607437	4609026	+	1589	64	63	63	63	63	98%	98%	98%	98%	P	P	P	P	
b4376	osmY	4609419	4610024	+	605	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b4568	ytjA	4610151	4610312	+	161	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	U
b4377	yjjU	4610434	4611507	+	1073	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	U
b4378	yjjV	4611504	4612283	+	779	31	23	23	23	23	74%	74%	74%	74%	P	P	P	P	U
b4381	deoC	4615346	4616125	+	779	32	31	31	32	32	97%	97%	100%	100%	P	P	P	P	
b4382	deoA	4616252	4617574	+	1322	53	50	50	50	51	94%	94%	94%	96%	P	P	P	P	
b4383	deoB	4617626	4618849	+	1223	49	49	49	49	49	100%	100%	100%	100%	P	P	P	P	
b4384	deoD	4618906	4619625	+	719	29	27	27	27	28	93%	93%	93%	97%	P	P	P	P	
b4385	yjjJ	4619792	4621123	+	1331	53	38	42	42	42	72%	79%	79%	79%	P	P	P	P	U
b4388	serB	4622918	4623886	+	968	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b4389	radA	4623935	4625317	+	1382	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	U
b4390	nadR	4625338	4626570	+	1232	49	48	48	49	49	98%	98%	100%	100%	P	P	P	P	
b4392	slt	4628756	4630693	+	1937	77	76	76	76	77	99%	99%	99%	100%	P	P	P	P	
b4393	trpR	4630783	4631109	+	326	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b4395	ytjC	4631820	4632467	+	647	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b4397	creA	4633544	4634017	+	473	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	U
b4398	creB	4634030	4634719	+	689	27	26	26	26	26	96%	96%	96%	96%	P	P	P	P	
b4399	creC	4634719	4636143	+	1424	57	29	30	30	30	51%	53%	53%	53%	P	P	P	P	
b4400	creD	4636201	4637553	+	1352	54	5	8	8	8	9%	15%	15%	15%	P	P	P	P	
b4402	yjjY	4638425	4638565	+	140	5	0	1	1	2	0%	20%	20%	40%	A	P	P	P	U
b4403	yjtD	4638965	4639651	+	686	28	25	25	25	25	89%	89%	89%	89%	P	P	P	P	U
b0006	yaaA	5683	6459	-	776	31	28	28	28	28	90%	90%	90%	90%	P	P	P	P	U
b0007	yaaJ	6529	7959	-	1430	57	0	7	9	22	0%	12%	16%	39%	A	P	P	P	U
b0010	yaaH	9928	10494	-	566	22	7	10	10	10	32%	45%	45%	45%	P	P	P	P	U
b0011	yaaW	10643	11356	-	713	29	0	0	12	12	0%	0%	41%	41%	A	A	P	P	U
b0013	yaaI	11382	11786	-	404	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0018	mokC	16751	16960	-	209	9	1	1	7	7	11%	11%	78%	78%	P	P	P	P	
b4412	hokC	16751	16903	-	152	7	1	1	6	6	14%	14%	86%	86%	P	P	P	P	
b0021	insB	19811	20314	-	503	20	15	16	16	16	75%	80%	80%	80%	P	P	P	P	
b0022	insA	20233	20508	-	275	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b0023	rpsT	20815	21078	-	263	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b0035	caiE	34781	35371	-	590	24	1	4	4	4	4%	17%	17%	17%	P	P	P	P	U
b0036	caiD	35377	36270	-	893	36	1	1	3	3	3%	3%	8%	8%	P	P	P	P	
b0037	caiC	36271	37839	-	1568	63	4	4	5	5	6%	6%	8%	8%	P	P	P	P	U
b0038	caiB	37898	39115	-	1217	49	0	0	12	12	0%	0%	24%	24%	A	A	P	P	
b0039	caiA	39244	40386	-	1142	46	12	12	18	18	26%	26%	39%	39%	P	P	P	P	
b0040	caiT	40417	41931	-	1514	60	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0049	apaH	50380	51222	-	842	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	
b0050	apaG	51229	51606	-	377	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b0051	ksgA	51609	52430	-	821	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b0052	pdxA	52427	53416	-	989	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b0053	surA	53416	54702	-	1286	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b0054	imp	54755	57109	-	2354	95	95	95	95	95	100%	100%	100%	100%	P	P	P	P	
b0058	rluA	59687	60346	-	659	26	23	23	25	25	88%	88%	96%	96%	P	P	P	P	
b0059	hepA	60358	63264	-	2906	117	115	117	117	117	98%	100%	100%	100%	P	P	P	P	

b0060	polB	63429	65780	-	2351	94	46	50	51	54	49%	53%	54%	57%	P	P	P	P	
b0061	araD	65855	66550	-	695	28	0	0	1	1	0%	0%	4%	4%	A	A	P	P	
b0062	araA	66835	68337	-	1502	60	0	0	27	27	0%	0%	45%	45%	A	A	P	P	
b0063	araB	68348	70048	-	1700	68	0	0	33	33	0%	0%	49%	49%	A	A	P	P	
b0066	thiQ	72229	72927	-	698	28	25	25	25	25	89%	89%	89%	89%	P	P	P	P	
b0067	thiP	72911	74521	-	1610	64	61	61	61	61	95%	95%	95%	95%	P	P	P	P	
b0068	tbpA	74497	75480	-	983	39	38	38	38	38	97%	97%	97%	97%	P	P	P	P	
GO-9381	sroA	75516	75608	-	92	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0069	sgrR	75644	77299	-	1655	66	48	48	48	48	73%	73%	73%	73%	P	P	P	P	
b0071	leuD	78848	79453	-	605	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b0072	leuC	79464	80864	-	1400	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b0073	leuB	80867	81958	-	1091	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b0074	leuA	81958	83529	-	1571	63	63	63	63	63	100%	100%	100%	100%	P	P	P	P	
b0075	leuL	83622	83708	-	86	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0101	yacG	111649	111846	-	197	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b0102	yacF	111856	112599	-	743	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	U
b0103	coaE	112599	113219	-	620	25	24	24	24	24	96%	96%	96%	96%	P	P	P	P	
b0106	hofC	114522	115724	-	1202	48	0	0	4	4	0%	0%	8%	8%	A	A	P	P	
b0107	hofB	115714	117099	-	1385	55	4	5	5	5	7%	9%	9%	9%	P	P	P	P	U
b0108	ppdD	117109	117549	-	440	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0109	nadC	117752	118645	-	893	36	34	34	34	34	94%	94%	94%	94%	P	P	P	P	
b0112	aroP	120178	121551	-	1373	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
GO-8894	tp2	122697	122857	-	160	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0117	yacH	129407	131260	-	1853	74	0	0	5	5	0%	0%	7%	7%	A	A	P	P	U
b0120	speD	134788	135582	-	794	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b0121	speE	135598	136464	-	866	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	
b0122	yacC	136570	136917	-	347	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b0124	gcd	138835	141225	-	2390	96	94	94	95	95	98%	98%	99%	99%	P	P	P	P	
b0126	can	142008	142670	-	662	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b0131	panD	146314	146694	-	380	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b0133	panC	147944	148795	-	851	34	33	33	33	33	97%	97%	97%	97%	P	P	P	P	
b0134	panB	148807	149601	-	794	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b0135	yadC	149715	150953	-	1238	50	0	1	2	2	0%	2%	4%	4%	A	P	P	P	U
b0136	yadK	151003	151599	-	596	23	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0137	yadL	151626	152231	-	605	25	0	4	4	4	0%	16%	16%	16%	A	P	P	P	U
b0138	yadM	152243	152812	-	569	23	0	1	1	1	0%	4%	4%	4%	A	P	P	P	U
b0139	htrE	152829	155426	-	2597	104	0	1	1	1	0%	1%	1%	1%	A	P	P	P	U
b0140	ecpD	155461	156201	-	740	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0141	yadN	156299	156883	-	584	24	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0142	folK	157253	157732	-	479	19	16	16	16	16	84%	84%	84%	84%	P	P	P	P	
b0143	pcnB	157729	159126	-	1397	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b0144	yadB	159186	160082	-	896	36	24	24	24	24	67%	67%	67%	67%	P	P	P	P	
b0145	dksA	160149	160604	-	455	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b0146	sfsA	160782	161486	-	704	28	26	27	27	27	93%	96%	96%	96%	P	P	P	P	U
b0147	ligT	161501	162031	-	530	22	19	19	19	19	86%	86%	86%	86%	P	P	P	P	
b0154	hemL	173602	174882	-	1280	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	

b0157	yadS	177001	177624	-	623	25	17	17	17	17	68%	68%	68%	68%	P	P	P	P	U
b0158	btuF	177662	178462	-	800	32	25	25	25	25	78%	78%	78%	78%	P	P	P	P	
b0159	mtn	178455	179153	-	698	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b0163	yaeH	183709	184095	-	386	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b0164	yaeI	184257	185069	-	812	33	5	5	5	5	15%	15%	15%	15%	P	P	P	P	U
b0166	dapD	185123	185947	-	824	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b0167	glnD	185978	188650	-	2672	107	105	105	105	106	98%	98%	98%	99%	P	P	P	P	
b0168	map	188712	189506	-	794	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b0189	rof	213678	213932	-	254	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b4406	yaeP	213925	214125	-	200	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b0193	yaeF	216179	217003	-	824	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0194	proS	217057	218775	-	1718	69	65	65	65	65	94%	94%	94%	94%	P	P	P	P	
b0195	yaeB	218887	219594	-	707	28	24	24	24	24	86%	86%	86%	86%	P	P	P	P	U
b0196	rscF	219591	219995	-	404	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b0197	metQ	220113	220928	-	815	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b0198	metI	220968	221621	-	653	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b0199	metN	221614	222645	-	1031	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b0208	yafC	229967	230881	-	914	36	29	30	30	30	81%	83%	83%	83%	P	P	P	P	U
b0211	mltD	232597	233955	-	1358	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	U
b0212	gloB	234027	234782	-	755	30	24	26	26	27	80%	87%	87%	90%	P	P	P	P	U
b0214	rnhA	235535	236002	-	467	19	17	17	17	17	89%	89%	89%	89%	P	P	P	P	
b4586	ykfM	238257	238736	-	479	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0218	yafU	238746	239102	-	356	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0219	yafV	239419	240189	-	770	31	20	23	23	26	65%	74%	74%	84%	P	P	P	P	U
b0221	fadE	240859	243303	-	2444	98	68	68	98	98	69%	69%	100%	100%	P	P	P	P	
b0224	yafK	245065	245805	-	740	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b0225	yafQ	245961	246239	-	278	12	11	11	12	12	92%	92%	100%	100%	P	P	P	P	U
b0226	dinJ	246242	246502	-	260	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b0229	lfhA	248358	250070	-	1712	69	0	3	18	18	0%	4%	26%	26%	A	P	P	P	U
b0237	pepD	254259	255716	-	1457	59	59	59	59	59	100%	100%	100%	100%	P	P	P	P	
b0241	phoE	258269	259324	-	1055	42	0	1	1	1	0%	2%	2%	2%	A	P	P	P	
b4626	ykfN	262374	262436	-	62	2	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0245	ykfI	262552	262893	-	341	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0246	yafW	262914	263231	-	317	13	0	0	1	1	0%	0%	8%	8%	A	A	P	P	
b4504	ykfH	263250	263471	-	221	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0247	ykfG	263480	263956	-	476	19	0	0	1	1	0%	0%	5%	5%	A	A	P	P	U
b0248	yafX	263972	264430	-	458	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0249	ykfF	264528	264767	-	239	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0250	ykfB	264844	265311	-	467	18	11	12	17	17	61%	67%	94%	94%	P	P	P	P	U
b0251	yafY	265334	265777	-	443	18	3	3	3	3	17%	17%	17%	17%	P	P	P	P	U
b4627	ykfL	265777	265998	-	221	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4628	ykfK	266000	266191	-	191	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0252	yafZ	266408	267229	-	821	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0253	ykfA	267321	268184	-	863	34	6	9	9	10	18%	26%	26%	29%	P	P	P	P	U
b0254	perR	268513	269406	-	893	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0259	insH	273325	274341	-	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	

b0262	afuC	276980	278026	-	1046	42	0	4	4	4	0%	10%	10%	10%	A	P	P	P	U
b0263	afuB	278038	278385	-	347	14	0	2	2	2	0%	14%	14%	14%	A	P	P	P	U
b0264	insB	278402	278905	-	503	20	11	16	16	16	55%	80%	80%	80%	P	P	P	P	
b0265	insA	278824	279099	-	275	11	10	10	10	10	91%	91%	91%	91%	P	P	P	P	
b4505	insX	279338	279586	-	248	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b0266	yagB	279651	279959	-	308	12	11	11	11	11	92%	92%	92%	92%	P	P	P	P	U
b0267	yagA	280053	281207	-	1154	46	0	0	6	6	0%	0%	13%	13%	A	A	P	P	U
b0272	yagI	287628	288386	-	758	30	23	23	23	23	77%	77%	77%	77%	P	P	P	P	U
b0273	argF	288525	289529	-	1004	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b0274	insB	289873	290376	-	503	20	12	14	14	15	60%	70%	70%	75%	P	P	P	P	
b0275	insA	290295	290570	-	275	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b0277	yagK	291546	292172	-	626	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0278	yagL	292444	293142	-	698	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0279	yagM	293169	294023	-	854	34	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0280	yagN	294363	294803	-	440	18	15	15	15	15	83%	83%	83%	83%	P	P	P	P	U
b0281	intF	294920	296320	-	1400	56	53	55	55	55	95%	98%	98%	98%	P	P	P	P	U
b0282	yagP	296605	297015	-	410	17	0	1	1	1	0%	6%	6%	6%	A	P	P	P	U
b0283	yagQ	296994	297950	-	956	38	0	2	5	5	0%	5%	13%	13%	A	P	P	P	U
b0284	yagR	297960	300158	-	2198	88	0	2	7	8	0%	2%	8%	9%	A	P	P	P	U
b0285	yagS	300155	301111	-	956	38	0	2	2	4	0%	5%	5%	11%	A	P	P	P	U
b0286	yagT	301108	301797	-	689	28	0	1	2	8	0%	4%	7%	29%	A	P	P	P	U
b0288	ykgJ	303077	303406	-	329	13	9	10	10	10	69%	77%	77%	77%	P	P	P	P	U
b0289	yagV	303719	304429	-	710	28	2	2	4	4	7%	7%	14%	14%	P	P	P	P	U
b0290	yagW	304398	306041	-	1643	66	10	10	10	10	15%	15%	15%	15%	P	P	P	P	U
b0291	yagX	306031	308556	-	2525	101	0	0	5	5	0%	0%	5%	5%	A	A	P	P	U
b0292	matC	308582	309250	-	668	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0293	matB	309308	309895	-	587	24	6	6	6	14	25%	25%	25%	58%	P	P	P	P	U
b0294	matA	309970	310560	-	590	23	0	1	1	1	0%	4%	4%	4%	A	P	P	P	U
b4506	ykgO	311598	311738	-	140	5	3	3	4	5	60%	60%	80%	100%	P	P	P	P	
b0296	ykgM	311738	312001	-	263	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b4630	ykgP	312940	313029	-	89	4	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0300	ykgA	315710	316393	-	683	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0301	ykgB	316950	317543	-	593	24	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0303	ykgI	317555	317791	-	236	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0304	ykgC	317900	319225	-	1325	53	9	9	16	19	17%	17%	30%	36%	P	P	P	P	U
b0310	ykgH	323920	324588	-	668	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0311	betA	324801	326471	-	1670	67	57	57	57	57	85%	85%	85%	85%	P	P	P	P	
b0312	betB	326485	327957	-	1472	59	57	57	57	57	97%	97%	97%	97%	P	P	P	P	
b0313	betI	327971	328558	-	587	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b0316	yahB	332725	333657	-	932	37	15	17	19	19	41%	46%	51%	51%	P	P	P	P	U
b0317	yahC	333749	334246	-	497	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0328	yahN	344890	345561	-	671	27	0	2	18	18	0%	7%	67%	67%	A	P	P	P	
b0330	prpR	346081	347667	-	1586	63	0	0	3	3	0%	0%	5%	5%	A	A	P	P	
b0338	cynR	357015	357914	-	899	36	23	23	23	23	64%	64%	64%	64%	P	P	P	P	
b0342	lacA	360473	361084	-	611	24	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0343	lacY	361150	362403	-	1253	50	0	1	4	4	0%	2%	8%	8%	A	P	P	P	

b0344	lacZ	362455	365529	-	3074	123	0	0	5	5	0%	0%	4%	4%	A	A	P	P	
b0345	lacI	365652	366734	-	1082	44	40	40	40	40	91%	91%	91%	91%	P	P	P	P	
b0346	mhpR	366811	367644	-	833	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b0355	frmB	376759	377592	-	833	33	13	20	21	21	39%	61%	64%	64%	P	P	P	P	U
b0356	frmA	377686	378795	-	1109	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b0357	frmR	378830	379105	-	275	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b0358	yaiO	379293	380066	-	773	31	0	1	14	14	0%	3%	45%	45%	A	P	P	P	U
b4579	yaiX	380068	380483	-	415	17	0	1	1	1	0%	6%	6%	6%	A	P	P	P	U
b4579	yaiX	381815	382096	-	281	11	0	1	1	1	0%	9%	9%	9%	A	P	P	P	U
b0363	yaiP	381963	383159	-	1196	48	0	2	2	2	0%	4%	4%	4%	A	P	P	P	U
b0364	yaiS	383283	383840	-	557	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0369	hemB	387977	388951	-	974	39	37	37	37	37	95%	95%	95%	95%	P	P	P	P	
b0372	insF	390963	391829	-	866	34	33	33	33	33	97%	97%	97%	97%	P	P	P	P	
b0373	insE	391826	392134	-	308	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b0376	ampH	394354	395511	-	1157	47	42	42	42	42	89%	89%	89%	89%	P	P	P	P	
b0379	yaiY	398249	398557	-	308	13	0	10	11	11	0%	77%	85%	85%	A	P	P	P	U
b0381	ddlA	399053	400147	-	1094	44	41	42	44	44	93%	95%	100%	100%	P	P	P	P	
b0386	proC	404059	404868	-	809	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b0393	rdgC	408332	409243	-	911	36	34	34	34	34	94%	94%	94%	94%	P	P	P	P	
b0396	araJ	410521	411705	-	1184	47	12	12	18	19	26%	26%	38%	40%	P	P	P	P	U
b0397	sbcC	411831	414977	-	3146	126	105	105	105	105	83%	83%	83%	83%	P	P	P	P	
b0398	sbcD	414974	416176	-	1202	48	44	44	44	44	92%	92%	92%	92%	P	P	P	P	
b0404	acpH	423561	424142	-	581	23	16	16	16	16	70%	70%	70%	70%	P	P	P	P	U
b0411	tsx	430353	431237	-	884	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b0412	yajI	431536	432075	-	539	22	7	8	9	9	32%	36%	41%	41%	P	P	P	P	U
b0419	yajO	436385	437359	-	974	39	38	38	39	39	97%	97%	100%	100%	P	P	P	P	U
b0420	dxs	437539	439401	-	1862	74	74	74	74	74	100%	100%	100%	100%	P	P	P	P	
b0421	ispA	439426	440325	-	899	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b0422	xseB	440325	440567	-	242	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b0424	yajL	442275	442865	-	590	24	23	23	23	23	96%	96%	96%	96%	P	P	P	P	U
b0425	panE	442828	443739	-	911	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b0427	yajR	444526	445890	-	1364	55	22	23	23	23	40%	42%	42%	42%	P	P	P	P	U
b0428	cyoE	446039	446929	-	890	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b0429	cyoD	446941	447270	-	329	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b0430	cyoC	447270	447884	-	614	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b0431	cyoB	447874	449865	-	1991	80	80	80	80	80	100%	100%	100%	100%	P	P	P	P	
b0432	cyoA	449887	450834	-	947	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b0433	ampG	451294	452769	-	1475	59	51	51	51	51	86%	86%	86%	86%	P	P	P	P	
b0434	yajG	452813	453391	-	578	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
G0-8861	sraA	457952	458008	-	56	2	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0444	queC	464076	464771	-	695	28	26	26	26	26	93%	93%	93%	93%	P	P	P	P	U
b0445	ybaE	464836	466536	-	1700	68	0	0	52	52	0%	0%	76%	76%	A	A	P	P	U
b0452	tesB	473525	474385	-	860	35	30	30	30	30	86%	86%	86%	86%	P	P	P	P	
b0454	ybaZ	475206	475595	-	389	15	11	11	11	11	73%	73%	73%	73%	P	P	P	P	U
b0457	ylaB	476291	477841	-	1550	62	14	14	17	21	23%	23%	27%	34%	P	P	P	P	U
b0458	ylaC	478005	478475	-	470	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	U

b0459	maa	478591	479142	-	551	22	21	21	21	21	95%	95%	95%	95%	P	P	P	P	
b0460	hha	479314	479532	-	218	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	
b0461	ybaJ	479558	479932	-	374	15	14	14	14	14	93%	93%	93%	93%	P	P	P	P	U
b0462	acrB	480478	483627	-	3149	126	124	124	124	124	98%	98%	98%	98%	P	P	P	P	
b0463	acrA	483650	484843	-	1193	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	
b0466	ybaM	489334	489495	-	161	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	U
b0467	priC	489509	490036	-	527	21	20	20	20	20	95%	95%	95%	95%	P	P	P	P	
b0476	aes	498238	499197	-	959	38	0	4	6	6	0%	11%	16%	16%	A	P	P	P	
b0478	ybaL	500786	502462	-	1676	68	67	67	67	67	99%	99%	99%	99%	P	P	P	P	U
b0479	fsr	502700	503920	-	1220	49	8	8	9	9	16%	16%	18%	18%	P	P	P	P	U
b0481	ybaK	505827	506306	-	479	19	18	18	18	18	95%	95%	95%	95%	P	P	P	P	U
b0482	ybaP	506510	507304	-	794	32	29	29	29	29	91%	91%	91%	91%	P	P	P	P	U
b0484	copA	508099	510603	-	2504	100	99	99	99	99	99%	99%	99%	99%	P	P	P	P	
b0488	ybbJ	513625	514083	-	458	18	15	15	18	18	83%	83%	100%	100%	P	P	P	P	U
b0489	qmcA	514080	514997	-	917	37	36	36	37	37	97%	97%	100%	100%	P	P	P	P	U
b0492	ybbN	516649	517503	-	854	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	U
b0493	ybbO	517564	518373	-	809	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	U
b0494	tesA	518363	518989	-	626	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b0502	ylbG	528819	529240	-	421	17	8	8	8	10	47%	47%	47%	59%	P	P	P	P	U
b0503	ybbB	529356	530450	-	1094	44	32	32	32	32	73%	73%	73%	73%	P	P	P	P	
b0504	allS	530519	531445	-	926	37	0	1	1	1	0%	3%	3%	3%	A	P	P	P	
b0515	ylbA	542485	543270	-	785	32	23	25	26	29	72%	78%	81%	91%	P	P	P	P	U
b0516	allC	543281	544516	-	1235	50	13	16	20	21	26%	32%	40%	42%	P	P	P	P	
b0517	allD	544538	545587	-	1049	42	0	0	2	2	0%	0%	5%	5%	A	A	P	P	
b0522	purK	550750	551817	-	1067	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b0523	purE	551814	552323	-	509	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b0524	lpxH	552441	553163	-	722	28	27	27	27	27	96%	96%	96%	96%	P	P	P	P	
b0525	ppiB	553166	553660	-	494	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b0527	ybcI	555255	555776	-	521	21	0	1	2	3	0%	5%	10%	14%	A	P	P	P	U
b0528	ybcJ	555884	556096	-	212	9	6	6	6	6	67%	67%	67%	67%	P	P	P	P	U
b0529	fold	556098	556964	-	866	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b0535	fimZ	563071	563703	-	632	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0537	intD	564038	565201	-	1163	47	40	41	41	42	85%	87%	87%	89%	P	P	P	P	U
b4633	xisD	565081	565302	-	221	9	6	6	6	6	67%	67%	67%	67%	P	P	P	P	U
b0539	exoD	565321	565599	-	278	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0553	nmpC	573752	573809	-	57	2	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0552	insH	573960	574976	-	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b0553	nmpC	575009	576048	-	1039	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	U
b0557	borD	577823	578116	-	293	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b0558	ybcV	578407	578817	-	410	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4589	ylcI	579474	579668	-	194	8	0	1	1	4	0%	13%	13%	50%	A	P	P	P	U
b0562	ybcY	581375	582029	-	654	26	0	1	3	3	0%	4%	12%	12%	A	P	P	P	U
b0565	ompT	583903	584856	-	953	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b0566	envY	585370	586131	-	761	30	0	2	2	2	0%	7%	7%	7%	A	P	P	P	
b0567	ybcH	586314	587204	-	890	36	6	9	9	9	17%	25%	25%	25%	P	P	P	P	U
b0568	nfrA	587205	590177	-	2972	119	49	50	51	51	41%	42%	43%	43%	P	P	P	P	

b0569	nfrB	590164	592401	-	2237	90	4	11	20	20	4%	12%	22%	22%	P	P	P	P	
b0570	cusS	592551	593993	-	1442	58	37	37	37	37	64%	64%	64%	64%	P	P	P	P	
b0571	cusR	593983	594666	-	683	27	26	26	26	26	96%	96%	96%	96%	P	P	P	P	
b0577	ybdG	602639	603886	-	1247	50	38	38	38	38	76%	76%	76%	76%	P	P	P	P	U
b0578	nfsB	603994	604647	-	653	27	26	26	26	26	96%	96%	96%	96%	P	P	P	P	
b0579	ybdF	604741	605109	-	368	15	14	14	14	14	93%	93%	93%	93%	P	P	P	P	U
b0580	ybdJ	605174	605422	-	248	10	6	6	6	6	60%	60%	60%	60%	P	P	P	P	U
b0581	ybdK	605488	606606	-	1118	45	28	29	39	39	62%	64%	87%	87%	P	P	P	P	U
b0583	entD	608682	609311	-	629	25	0	0	0	16	0%	0%	0%	64%	A	A	A	P	
b0584	fepA	609477	611717	-	2240	89	18	18	36	88	20%	20%	40%	99%	P	P	P	P	
b0588	fepC	618607	619422	-	815	33	7	7	7	28	21%	21%	21%	85%	P	P	P	P	
b0589	fepG	619419	620411	-	992	40	5	5	5	28	13%	13%	13%	70%	P	P	P	P	
b0590	fepD	620408	621412	-	1004	40	6	6	11	22	15%	15%	28%	55%	P	P	P	P	
b0592	fepB	622777	623733	-	956	38	15	15	15	34	39%	39%	39%	89%	P	P	P	P	
b0599	ybdH	631612	632700	-	1088	44	43	44	44	44	98%	100%	100%	100%	P	P	P	P	U
b0601	ybdM	633970	634599	-	629	26	7	7	7	7	27%	27%	27%	27%	P	P	P	P	U
b0602	ybdN	634572	635792	-	1220	48	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0603	ybdO	635939	636841	-	902	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0604	dsbG	637050	637796	-	746	30	27	27	27	28	90%	90%	90%	93%	P	P	P	P	
b0607	uspG	640662	641090	-	428	17	16	17	17	17	94%	100%	100%	100%	P	P	P	P	
b0610	rnk	642780	643190	-	410	17	14	14	14	14	82%	82%	82%	82%	P	P	P	P	
b0611	rna	643420	644226	-	806	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b0612	citT	644340	645803	-	1463	58	0	0	2	2	0%	0%	3%	3%	A	A	P	P	
b0613	citG	645854	646732	-	878	35	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0614	citX	646707	647258	-	551	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0615	citF	647262	648794	-	1532	62	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0616	citE	648805	649713	-	908	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0617	citD	649710	650006	-	296	12	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0618	citC	650021	651079	-	1058	42	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0621	dcuC	653806	655191	-	1385	55	0	2	6	10	0%	4%	11%	18%	A	P	P	P	
b0624	crcB	656778	657161	-	383	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b0628	lipA	658474	659439	-	965	39	37	38	38	38	95%	97%	97%	97%	P	P	P	P	
b0629	ybeF	659648	660601	-	953	39	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b0630	lipB	660860	661501	-	641	26	24	24	24	24	92%	92%	92%	92%	P	P	P	P	
b0631	ybeD	661602	661865	-	263	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b0632	dacA	661975	663186	-	1211	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	
b0633	rlpA	663325	664413	-	1088	44	43	43	43	43	98%	98%	98%	98%	P	P	P	P	
b0634	mr dB	664424	665536	-	1112	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b0635	mr dA	665539	667440	-	1901	76	74	74	74	74	97%	97%	97%	97%	P	P	P	P	
b0636	ybeA	667471	667938	-	467	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	U
b0637	ybeB	667942	668259	-	317	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b0638	cobC	668519	669130	-	611	25	18	18	18	18	72%	72%	72%	72%	P	P	P	P	U
b0639	nadD	669154	669795	-	641	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b0640	holA	669797	670828	-	1031	41	40	40	40	40	98%	98%	98%	98%	P	P	P	P	
b0641	rlpB	670828	671409	-	581	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b0642	leuS	671424	674006	-	2582	104	103	103	103	103	99%	99%	99%	99%	P	P	P	P	

b0644	ybeQ	674793	675770	-	977	39	0	3	5	21	0%	8%	13%	54%	A	P	P	P	U
b0647	ybeT	678075	678629	-	554	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0650	hscC	680946	682616	-	1670	67	0	3	6	6	0%	4%	9%	9%	A	P	P	P	
b0651	rihA	682700	683635	-	935	38	36	36	36	36	95%	95%	95%	95%	P	P	P	P	
b0652	gltL	683753	684478	-	725	29	28	28	28	28	97%	97%	97%	97%	P	P	P	P	
b0653	gltK	684478	685152	-	674	27	25	25	25	26	93%	93%	93%	96%	P	P	P	P	
b0654	gltJ	685152	685892	-	740	30	26	26	26	26	87%	87%	87%	87%	P	P	P	P	
GO-9383	sroC	685904	686066	-	162	7	6	6	6	6	86%	86%	86%	86%	P	P	P	P	
b0655	gltI	686062	686970	-	908	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b0656	insH	687220	688236	-	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b0657	Int	688566	690104	-	1538	61	56	56	56	56	92%	92%	92%	92%	P	P	P	P	
b0658	ybeX	690129	691007	-	878	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b0659	ybeY	691097	691564	-	467	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	U
b0660	ybeZ	691561	692601	-	1040	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	U
b0661	miaB	692754	694178	-	1424	57	56	56	56	56	98%	98%	98%	98%	P	P	P	P	
b0664	glnX	695653	695727	-	74	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0665	glnV	695765	695839	-	74	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0666	metU	695887	695963	-	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0668	glnW	695979	696053	-	74	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0670	glnU	696088	696162	-	74	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0672	leuW	696186	696270	-	84	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0673	metT	696280	696356	-	76	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b0674	asnB	696736	698400	-	1664	66	65	65	65	66	98%	98%	98%	100%	P	P	P	P	
b0675	nagD	698797	699549	-	752	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b0676	nagC	699597	700817	-	1220	49	48	48	48	48	98%	98%	98%	98%	P	P	P	P	
b0677	nagA	700826	701974	-	1148	46	44	45	45	46	96%	98%	98%	100%	P	P	P	P	
b0678	nagB	702034	702834	-	800	32	30	30	31	31	94%	94%	97%	97%	P	P	P	P	
b0683	fur	709423	709869	-	446	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b4637	uof	709862	709948	-	86	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0684	fldA	710158	710688	-	530	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b0685	ybfE	710828	711121	-	293	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b0686	ybfF	711261	712025	-	764	30	29	29	29	29	97%	97%	97%	97%	P	P	P	P	U
b0691	ybfG	715170	715820	-	650	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4636	ybfI	715944	716093	-	149	6	0	0	1	1	0%	0%	17%	17%	A	A	P	P	U
b0692	potE	716169	717488	-	1319	53	0	8	22	22	0%	15%	42%	42%	A	P	P	P	
b0693	speF	717485	719683	-	2198	88	0	1	3	3	0%	1%	3%	3%	A	P	P	P	
b0694	kdpE	720279	720956	-	677	28	21	22	27	27	75%	79%	96%	96%	P	P	P	P	
b0695	kdpD	720953	723637	-	2684	108	78	78	79	79	72%	72%	73%	73%	P	P	P	P	
b0696	kdpC	723630	724202	-	572	23	14	14	14	14	61%	61%	61%	61%	P	P	P	P	
b0697	kdpB	724211	726259	-	2048	82	0	0	1	1	0%	0%	1%	1%	A	A	P	P	
b0698	kdpA	726282	727955	-	1673	67	0	0	1	1	0%	0%	1%	1%	A	A	P	P	
b4513	kdpF	727955	728044	-	89	4	0	0	1	1	0%	0%	25%	25%	A	A	P	P	
b0709	ybgH	740298	741779	-	1481	59	43	47	47	47	73%	80%	80%	80%	P	P	P	P	U
b0715	abrB	745946	746992	-	1046	42	0	3	5	8	0%	7%	12%	19%	A	P	P	P	U
b0716	ybgO	747144	748205	-	1061	42	0	0	2	2	0%	0%	5%	5%	A	A	P	P	U
b0717	ybgP	748202	748930	-	728	29	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b0718	ybgQ	748945	751392	-	2447	98	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0719	ybgD	751452	752018	-	566	23	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0720	gltA	752408	753691	-	1283	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b0730	mngR	764376	765098	-	722	29	18	29	29	29	62%	100%	100%	100%	P	P	P	P	
b0752	zitB	783105	784046	-	941	38	26	26	29	30	68%	68%	76%	79%	P	P	P	P	
b0753	ybgS	784160	784540	-	380	15	13	13	13	14	87%	87%	87%	93%	P	P	P	P	U
b0755	gpmA	786066	786818	-	752	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b0756	galM	787020	788060	-	1040	42	41	41	41	41	98%	98%	98%	98%	P	P	P	P	
b0757	galK	788054	789202	-	1148	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b0758	galT	789206	790252	-	1046	42	41	41	41	41	98%	98%	98%	98%	P	P	P	P	
b0759	galE	790262	791278	-	1016	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b0760	modF	791539	793011	-	1472	59	57	57	57	57	97%	97%	97%	97%	P	P	P	P	
b0761	modE	793079	793867	-	788	32	29	29	29	29	91%	91%	91%	91%	P	P	P	P	
b0766	ybhA	796836	797654	-	818	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b0768	ybhD	798845	799798	-	953	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0772	ybhC	805221	806504	-	1283	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	U
b0773	ybhB	806656	807132	-	476	19	18	18	18	18	95%	95%	95%	95%	P	P	P	P	U
b0774	bioA	807191	808480	-	1289	52	49	49	49	49	94%	94%	94%	94%	P	P	P	P	
b4591	ybhU	812337	812474	-	137	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0780	ybhK	814962	815870	-	908	37	34	34	34	34	92%	92%	92%	92%	P	P	P	P	U
b0788	ybhN	820765	821721	-	956	39	0	0	2	11	0%	0%	5%	28%	A	A	P	P	U
b0789	ybhO	821721	822962	-	1241	49	35	36	37	43	71%	73%	76%	88%	P	P	P	P	
b0790	ybhP	822959	823720	-	761	31	25	25	25	28	81%	81%	81%	90%	P	P	P	P	U
b0792	ybhR	824225	825331	-	1106	44	16	16	16	23	36%	36%	36%	52%	P	P	P	P	U
b0793	ybhS	825342	826475	-	1133	45	21	21	22	25	47%	47%	49%	56%	P	P	P	P	U
b0794	ybhF	826468	828204	-	1736	69	58	58	58	58	84%	84%	84%	84%	P	P	P	P	U
b0795	ybhG	828197	829195	-	998	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	U
b0796	ybiH	829195	829866	-	671	27	18	18	18	19	67%	67%	67%	70%	P	P	P	P	U
b0798	ybiA	831691	832173	-	482	19	4	5	5	5	21%	26%	26%	26%	P	P	P	P	U
b0802	ybiJ	836888	837148	-	260	11	10	10	11	11	91%	91%	100%	100%	P	P	P	P	U
b0803	ybiI	837413	837679	-	266	11	4	6	11	11	36%	55%	100%	100%	P	P	P	P	U
b0804	ybiX	837753	838430	-	677	27	3	3	3	12	11%	11%	11%	44%	P	P	P	P	U
b0805	fiu	838472	840754	-	2282	91	22	22	27	68	24%	24%	30%	75%	P	P	P	P	U
b0806	ybiM	841019	841279	-	260	11	5	6	11	11	45%	55%	100%	100%	P	P	P	P	U
b0808	ybiO	842478	844703	-	2225	89	12	13	14	25	13%	15%	16%	28%	P	P	P	P	U
b0809	glnQ	844964	845686	-	722	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b0810	glnP	845683	846342	-	659	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b0811	glnH	846481	847227	-	746	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b0812	dps	847631	848134	-	503	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b0813	rhtA	848433	849320	-	887	35	2	2	4	4	6%	6%	11%	11%	P	P	P	P	
b0815	ybiP	850237	851820	-	1583	63	10	10	10	10	16%	16%	16%	16%	P	P	P	P	U
b4416	rybA	852175	852263	-	88	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	U
b0819	ybiS	854047	854967	-	920	37	35	35	35	35	95%	95%	95%	95%	P	P	P	P	U
b0821	ybiU	857019	858284	-	1265	51	36	36	37	37	71%	71%	73%	73%	P	P	P	P	U
b0822	ybiV	858436	859251	-	815	33	31	31	31	32	94%	94%	94%	97%	P	P	P	P	U
b0823	ybiW	859397	861829	-	2432	98	0	2	4	4	0%	2%	4%	4%	A	P	P	P	U

b0824	ybiY	861835	862761	-	926	37	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b0826	moeB	863603	864352	-	749	30	22	22	23	23	73%	73%	77%	77%	P	P	P	P	
b0827	moeA	864352	865587	-	1235	49	49	49	49	49	100%	100%	100%	100%	P	P	P	P	
b0835	yliG	875933	877258	-	1325	53	52	52	52	52	98%	98%	98%	98%	P	P	P	P	U
b0838	yliJ	879077	879703	-	626	25	23	23	24	24	92%	92%	96%	96%	P	P	P	P	U
b0840	deoR	881199	881957	-	758	30	29	29	29	29	97%	97%	97%	97%	P	P	P	P	
b0841	ybjG	882015	882611	-	596	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b0843	ybjH	884169	884453	-	284	11	4	4	4	4	36%	36%	36%	36%	P	P	P	P	U
b0844	ybjI	884539	885354	-	815	32	31	31	31	31	97%	97%	97%	97%	P	P	P	P	U
b0845	ybjJ	885354	886562	-	1208	49	37	39	39	39	76%	80%	80%	80%	P	P	P	P	U
b4417	rybB	887199	887277	-	78	3	1	2	2	2	33%	67%	67%	67%	P	P	P	P	
b0847	ybjL	887357	889042	-	1685	67	61	61	61	61	91%	91%	91%	91%	P	P	P	P	U
b0849	grxA	889719	889976	-	257	10	8	9	9	9	80%	90%	90%	90%	P	P	P	P	
b0860	artJ	899067	899798	-	731	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b0861	artM	900089	900757	-	668	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b0862	artQ	900757	901473	-	716	29	28	28	28	28	97%	97%	97%	97%	P	P	P	P	
b0863	artI	901480	902211	-	731	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b0864	artP	902229	902957	-	728	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b0865	ybjP	903175	903690	-	515	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	U
b0868	ybjS	904963	905976	-	1013	40	36	36	36	36	90%	90%	90%	90%	P	P	P	P	U
b0869	ybjT	906075	907505	-	1430	57	56	56	56	56	98%	98%	98%	98%	P	P	P	P	U
b0870	ltaE	907516	908517	-	1001	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b0871	poxB	908554	910272	-	1718	69	69	69	69	69	100%	100%	100%	100%	P	P	P	P	
b0872	hcr	910405	911373	-	968	39	0	22	22	22	0%	56%	56%	56%	A	P	P	P	
b0873	hcp	911385	913037	-	1652	66	0	9	12	12	0%	14%	18%	18%	A	P	P	P	
b0874	ybjE	913181	914080	-	899	36	34	34	34	34	94%	94%	94%	94%	P	P	P	P	U
b0875	aqpZ	914575	915270	-	695	28	6	6	18	18	21%	21%	64%	64%	P	P	P	P	
b0877	ybjX	917351	918343	-	992	40	39	39	39	39	98%	98%	98%	98%	P	P	P	P	U
b0880	cspD	921589	921813	-	224	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b0883	serW	925107	925194	-	87	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0884	infA	925448	925666	-	218	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b0885	aat	925951	926655	-	704	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b0886	cydC	926697	928418	-	1721	69	69	69	69	69	100%	100%	100%	100%	P	P	P	P	
b0887	cydD	928419	930185	-	1766	71	69	69	69	69	97%	97%	97%	97%	P	P	P	P	
b0888	trxB	930308	931273	-	965	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b0897	ycaC	944154	944780	-	626	25	24	24	24	25	96%	96%	96%	100%	P	P	P	P	U
b0900	ycaN	947883	948791	-	908	37	6	6	8	12	16%	16%	22%	32%	P	P	P	P	U
b0902	pflA	949563	950303	-	740	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b0903	pflB	950495	952777	-	2282	91	90	90	91	91	99%	99%	100%	100%	P	P	P	P	
b0904	focA	952832	953689	-	857	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b0905	ycaO	954095	955855	-	1760	70	66	66	66	66	94%	94%	94%	94%	P	P	P	P	U
b0920	ycbC	971845	972624	-	779	31	15	15	16	16	48%	48%	52%	52%	P	P	P	P	U
b0928	aspC	983742	984932	-	1190	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b0929	ompF	985117	986205	-	1088	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b0930	asnS	986808	988208	-	1400	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b0931	pncB	988377	989579	-	1202	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	

b0933	ssuB	992500	993267	-	767	31	0	2	10	10	0%	6%	32%	32%	A	P	P	P	
b0934	ssuC	993264	994055	-	791	32	0	1	3	3	0%	3%	9%	9%	A	P	P	P	
b0935	ssuD	994066	995211	-	1145	46	0	0	3	3	0%	0%	7%	7%	A	A	P	P	
b0936	ssuA	995208	996167	-	959	39	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b0937	ssuE	996160	996735	-	575	23	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b0947	ycbX	1005714	1006823	-	1109	45	35	35	36	36	78%	78%	80%	80%	P	P	P	P	U
b0954	fabA	1015175	1015693	-	518	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b0955	ycbZ	1015762	1017522	-	1760	71	69	69	69	69	97%	97%	97%	97%	P	P	P	P	U
b0957	ompA	1018236	1019276	-	1040	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b0958	sulA	1019633	1020142	-	509	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b0960	yccS	1020953	1023106	-	2153	86	76	76	76	76	88%	88%	88%	88%	P	P	P	P	U
b0961	yccF	1023125	1023571	-	446	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	U
b0963	mgsA	1025780	1026238	-	458	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b0964	yccT	1026334	1026996	-	662	27	4	14	19	19	15%	52%	70%	70%	P	P	P	P	U
b0966	hspQ	1027627	1027944	-	317	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b0967	yccW	1028002	1029192	-	1190	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	U
b0969	yccK	1029562	1029891	-	329	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b0970	yccA	1029982	1030641	-	659	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b0971	serT	1030848	1030935	-	87	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b0981	etk	1041253	1043433	-	2180	87	23	24	29	29	26%	28%	33%	33%	P	P	P	P	
b0982	etp	1043453	1043899	-	446	18	3	7	7	7	17%	39%	39%	39%	P	P	P	P	
b0983	gfcE	1043887	1045026	-	1139	46	5	10	10	11	11%	22%	22%	24%	P	P	P	P	U
b0984	gfcD	1045072	1047168	-	2096	84	0	0	2	2	0%	0%	2%	2%	A	A	P	P	U
b0985	gfcC	1047168	1047914	-	746	30	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b0986	gfcB	1047911	1048555	-	644	26	0	4	5	5	0%	15%	19%	19%	A	P	P	P	U
b0987	gfcA	1048662	1048967	-	305	13	3	9	9	9	23%	69%	69%	69%	P	P	P	P	U
b0989	cspH	1050186	1050398	-	212	9	0	0	1	1	0%	0%	11%	11%	A	A	P	P	U
b0992	yccM	1051512	1052585	-	1073	43	0	0	2	2	0%	0%	5%	5%	A	A	P	P	U
b0993	torS	1052657	1055401	-	2744	110	0	0	3	3	0%	0%	3%	3%	A	A	P	P	
b0995	torR	1056485	1057177	-	692	28	18	25	25	25	64%	89%	89%	89%	P	P	P	P	
b0999	cbpM	1061773	1062078	-	305	12	10	10	10	10	83%	83%	83%	83%	P	P	P	P	
b1000	cbpA	1062078	1062998	-	920	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b1003	yccJ	1066087	1066314	-	227	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b1004	wrbA	1066335	1066931	-	596	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b1006	rutG	1067734	1069062	-	1328	54	0	3	17	54	0%	6%	31%	100%	A	P	P	P	U
b1007	rutF	1069083	1069577	-	494	20	0	0	1	20	0%	0%	5%	100%	A	A	P	P	U
b1008	rutE	1069588	1070178	-	590	23	0	0	0	23	0%	0%	0%	100%	A	A	A	P	U
b1009	rutD	1070188	1070988	-	800	32	0	0	1	32	0%	0%	3%	100%	A	A	P	P	U
b1010	rutC	1070996	1071382	-	386	15	0	0	0	15	0%	0%	0%	100%	A	A	A	P	U
b1011	rutB	1071394	1072086	-	692	27	0	0	3	27	0%	0%	11%	100%	A	A	P	P	U
b1012	rutA	1072086	1073234	-	1148	46	0	0	3	46	0%	0%	7%	100%	A	A	P	P	U
b1014	putA	1074143	1078105	-	3962	158	94	94	96	99	59%	59%	61%	63%	P	P	P	P	
b1021	pgaD	1085329	1085742	-	413	17	0	15	15	15	0%	88%	88%	88%	A	P	P	P	U
b1022	pgaC	1085744	1087069	-	1325	53	0	15	15	16	0%	28%	28%	30%	A	P	P	P	U
b1023	pgaB	1087062	1089080	-	2018	81	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1024	pgaA	1089089	1091512	-	2423	97	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b1026	insF	1093498	1094364	-	866	35	32	32	32	32	91%	91%	91%	91%	P	P	P	P	
b1027	insE	1094361	1094669	-	308	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b1032	serX	1096788	1096875	-	87	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1037	csgG	1100074	1100907	-	833	33	22	22	22	22	67%	67%	67%	67%	P	P	P	P	
b1038	csgF	1100934	1101350	-	416	17	9	9	9	9	53%	53%	53%	53%	P	P	P	P	U
b1039	csgE	1101375	1101764	-	389	16	3	4	4	4	19%	25%	25%	25%	P	P	P	P	U
b1040	csgD	1101769	1102419	-	650	26	19	22	22	22	73%	85%	85%	85%	P	P	P	P	
b1047	mdoC	1107007	1108164	-	1157	46	16	16	18	18	35%	35%	39%	39%	P	P	P	P	
b1051	msyB	1113030	1113404	-	374	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b1053	mdtG	1113487	1114713	-	1226	49	0	5	5	5	0%	10%	10%	10%	A	P	P	P	U
b1054	lpxL	1114885	1115805	-	920	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b1056	yceI	1117124	1117699	-	575	23	21	21	21	23	91%	91%	91%	100%	P	P	P	P	U
b1057	yceJ	1117703	1118269	-	566	23	8	8	8	8	35%	35%	35%	35%	P	P	P	P	U
b1058	yceO	1118530	1118670	-	140	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1059	solA	1118691	1119809	-	1118	44	42	42	42	42	95%	95%	95%	95%	P	P	P	P	
b1060	bssS	1119924	1120178	-	254	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b1061	dinI	1120465	1120710	-	245	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b1062	pyrC	1120784	1121830	-	1046	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b1063	yceB	1121936	1122496	-	560	22	17	17	17	17	77%	77%	77%	77%	P	P	P	P	U
b1064	grxB	1122630	1123277	-	647	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b1065	mdtH	1123341	1124549	-	1208	49	0	2	2	2	0%	4%	4%	4%	A	P	P	P	U
b1070	flgN	1128637	1129053	-	416	17	2	3	3	3	12%	18%	18%	18%	P	P	P	P	
b1071	flgM	1129058	1129351	-	293	12	9	9	9	9	75%	75%	75%	75%	P	P	P	P	
b1072	flgA	1129427	1130086	-	659	26	0	1	1	1	0%	4%	4%	4%	A	P	P	P	
b1084	rne	1140405	1143590	-	3185	127	127	127	127	127	100%	100%	100%	100%	P	P	P	P	
b1087	yceF	1145234	1145818	-	584	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b1102	fhuE	1158585	1160774	-	2189	87	0	1	1	74	0%	1%	1%	85%	A	P	P	P	
b1111	ycfQ	1167423	1168055	-	632	26	21	23	23	23	81%	88%	88%	88%	P	P	P	P	U
b1113	ycfS	1168635	1169597	-	962	38	27	34	34	34	71%	89%	89%	89%	P	P	P	P	U
b1114	mfd	1169741	1173187	-	3446	138	137	137	137	137	99%	99%	99%	99%	P	P	P	P	
b1115	ycfT	1173315	1174388	-	1073	43	0	0	4	4	0%	0%	9%	9%	A	A	P	P	U
b1121	ycfZ	1179702	1180490	-	788	32	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1122	ymfA	1180487	1180948	-	461	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1123	potD	1181006	1182052	-	1046	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b1124	potC	1182049	1182843	-	794	32	31	31	31	31	97%	97%	97%	97%	P	P	P	P	
b1125	potB	1182840	1183667	-	827	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b1126	potA	1183681	1184817	-	1136	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b1128	ycfD	1186342	1187463	-	1121	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	U
b1129	phoQ	1187539	1188999	-	1460	58	58	58	58	58	100%	100%	100%	100%	P	P	P	P	
b1130	phoP	1188999	1189670	-	671	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b1131	purB	1189839	1191209	-	1370	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b1132	hflD	1191213	1191854	-	641	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b1133	mnmA	1191890	1192996	-	1106	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b1134	nudJ	1193050	1193511	-	461	18	15	15	15	15	83%	83%	83%	83%	P	P	P	P	
b1135	rluE	1193521	1194174	-	653	26	24	24	24	24	92%	92%	92%	92%	P	P	P	P	
b1137	ymfD	1196090	1196755	-	665	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b1138	ymfE	1196756	1197460	-	704	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1140	intE	1198902	1200029	-	1127	45	0	4	6	7	0%	9%	13%	16%	A	P	P	P	U
b1141	xisE	1200010	1200255	-	245	10	0	2	2	2	0%	20%	20%	20%	A	P	P	P	U
b1144	ymfJ	1200999	1201307	-	308	13	0	3	3	3	0%	23%	23%	23%	A	P	P	P	U
b1145	ymfK	1201482	1202156	-	674	27	22	22	22	22	81%	81%	81%	81%	P	P	P	P	
b1156	tfaE	1207740	1208342	-	602	24	0	0	8	8	0%	0%	33%	33%	A	A	P	P	U
b1157	stfE	1208342	1208842	-	500	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1160	elbA	1210903	1211226	-	323	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1161	ycgX	1211926	1212330	-	404	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1162	ycgE	1212551	1213282	-	731	29	28	28	28	28	97%	97%	97%	97%	P	P	P	P	U
b1163	ycgF	1213487	1214698	-	1211	49	9	16	17	20	18%	33%	35%	41%	P	P	P	P	U
b1171	ymgD	1221528	1221857	-	329	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b1172	ymgG	1221867	1222151	-	284	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b4593	ymgI	1222213	1222386	-	173	7	4	4	4	4	57%	57%	57%	57%	P	P	P	P	U
b1174	minE	1223502	1223768	-	266	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b1175	minD	1223772	1224584	-	812	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b1176	minC	1224608	1225303	-	695	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b1178	ycgK	1226294	1226695	-	401	17	16	16	16	17	94%	94%	94%	100%	P	P	P	P	U
b1182	hlyE	1228706	1229617	-	911	36	0	1	1	8	0%	3%	3%	22%	A	P	P	P	
b1185	dsbB	1231723	1232253	-	530	21	18	18	18	18	86%	86%	86%	86%	P	P	P	P	
b1186	nhaB	1232399	1233940	-	1541	61	59	59	59	59	97%	97%	97%	97%	P	P	P	P	
b1188	ycgB	1234932	1236464	-	1532	61	55	55	61	61	90%	90%	100%	100%	P	P	P	P	U
b1191	cvrA	1239558	1241294	-	1736	69	56	56	56	56	81%	81%	81%	81%	P	P	P	P	U
b1192	ldcA	1241389	1242303	-	914	37	36	36	36	36	97%	97%	97%	97%	P	P	P	P	
b1194	ycgR	1243016	1243750	-	734	30	0	8	8	8	0%	27%	27%	27%	A	P	P	P	
b1197	treA	1244902	1246599	-	1697	68	64	64	65	66	94%	94%	96%	97%	P	P	P	P	
b1198	dhaM	1246919	1248340	-	1421	57	54	54	54	54	95%	95%	95%	95%	P	P	P	P	U
b1199	dhaL	1248348	1248980	-	632	26	24	24	24	24	92%	92%	92%	92%	P	P	P	P	
b1200	dhaK	1248991	1250061	-	1070	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b1202	ycgV	1252308	1255175	-	2867	115	11	15	18	18	10%	13%	16%	16%	P	P	P	P	U
b1203	ychF	1255944	1257035	-	1091	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	U
b1204	pth	1257152	1257736	-	584	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b1206	ychM	1258347	1260026	-	1679	68	10	10	10	11	15%	15%	15%	16%	P	P	P	P	U
b1207	prs	1260151	1261098	-	947	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b1208	ispE	1261249	1262100	-	851	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b1209	lolB	1262100	1262723	-	623	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b4419	ldrA	1268391	1268498	-	107	4	3	4	4	4	75%	100%	100%	100%	P	P	P	P	
b4421	ldrB	1268926	1269033	-	107	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b4423	ldrC	1269461	1269568	-	107	4	3	4	4	4	75%	100%	100%	100%	P	P	P	P	
b1216	chaA	1269972	1271072	-	1100	44	43	44	44	44	98%	100%	100%	100%	P	P	P	P	
b1219	ychN	1272469	1272822	-	353	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b1221	narL	1274402	1275052	-	650	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b1222	narX	1275045	1276841	-	1796	72	37	50	51	51	51%	69%	71%	71%	P	P	P	P	
b4425	rttR	1286289	1286459	-	170	7	3	4	4	4	43%	57%	57%	57%	P	P	P	P	
b1229	tpr	1286310	1286399	-	89	3	1	1	1	1	33%	33%	33%	33%	P	P	P	P	U
b1230	tyrV	1286467	1286551	-	84	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	

b1231	tyrT	1286761	1286845	-	84	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1232	purU	1287005	1287847	-	842	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b1233	ychJ	1287897	1288355	-	458	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	U
b1237	hns	1291732	1292145	-	413	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b4573	insZ	1293649	1294545	-	896	36	3	3	3	3	8%	8%	8%	8%	P	P	P	P	U
b1241	adhE	1294669	1297344	-	2675	107	107	107	107	107	100%	100%	100%	100%	P	P	P	P	
b1248	yciU	1304845	1305174	-	329	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b1249	cls	1305209	1306669	-	1460	58	58	58	58	58	100%	100%	100%	100%	P	P	P	P	
b1250	kch	1307040	1308293	-	1253	50	37	37	37	44	74%	74%	74%	88%	P	P	P	P	
b1251	yciI	1308593	1308889	-	296	12	11	11	11	11	92%	92%	92%	92%	P	P	P	P	U
b1253	yciA	1309872	1310270	-	398	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b1254	yciB	1310375	1310914	-	539	22	21	21	22	22	95%	95%	100%	100%	P	P	P	P	U
b1255	yciC	1310944	1311687	-	743	30	29	29	29	29	97%	97%	97%	97%	P	P	P	P	U
b1257	yciE	1312742	1313248	-	506	20	7	7	7	18	35%	35%	35%	90%	P	P	P	P	U
b1258	yciF	1313294	1313794	-	500	20	17	17	17	20	85%	85%	85%	100%	P	P	P	P	U
b1259	yciG	1313880	1314059	-	179	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b1260	trpA	1314440	1315246	-	806	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b1261	trpB	1315246	1316439	-	1193	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	
b1262	trpC	1316451	1317809	-	1358	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b1263	trpD	1317813	1319408	-	1595	64	64	64	64	64	100%	100%	100%	100%	P	P	P	P	
b1264	trpE	1319408	1320970	-	1562	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b1265	trpL	1321062	1321106	-	44	2	2	2	2	2	100%	100%	100%	100%	P	P	P	P	
b1270	btuR	1325791	1326381	-	590	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b1271	yciK	1326378	1327136	-	758	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	U
b1273	yciN	1328441	1328692	-	251	10	8	8	8	8	80%	80%	80%	80%	P	P	P	P	U
b1277	ribA	1336594	1337184	-	590	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b1283	osmB	1341134	1341352	-	218	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b1284	yciT	1341621	1342370	-	749	30	23	23	23	23	77%	77%	77%	77%	P	P	P	P	U
b4596	yciZ	1342460	1342633	-	173	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b1285	gmr	1342781	1344766	-	1985	80	51	51	77	77	64%	64%	96%	96%	P	P	P	P	
b1286	rnb	1345002	1346936	-	1934	77	77	77	77	77	100%	100%	100%	100%	P	P	P	P	
b1287	yciW	1347004	1348131	-	1127	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	U
b1288	fabI	1348275	1349063	-	788	32	31	31	31	31	97%	97%	97%	97%	P	P	P	P	
b1289	ycjD	1349431	1349784	-	353	14	1	1	7	7	7%	7%	50%	50%	P	P	P	P	U
b1290	sapF	1349852	1350658	-	806	32	27	27	29	29	84%	84%	91%	91%	P	P	P	P	U
b1291	sapD	1350660	1351652	-	992	40	39	39	40	40	98%	98%	100%	100%	P	P	P	P	U
b1292	sapC	1351652	1352542	-	890	36	13	13	33	33	36%	36%	92%	92%	P	P	P	P	U
b1293	sapB	1352529	1353494	-	965	39	26	26	38	38	67%	67%	97%	97%	P	P	P	P	U
b1294	sapA	1353491	1355134	-	1643	65	59	59	61	61	91%	91%	94%	94%	P	P	P	P	U
b1295	ymjA	1355447	1355692	-	245	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b1296	puuP	1355826	1357211	-	1385	55	12	12	12	13	22%	22%	22%	24%	P	P	P	P	
b1297	puuA	1357514	1358932	-	1418	57	56	56	56	56	98%	98%	98%	98%	P	P	P	P	
b1303	pspF	1364959	1365936	-	977	39	12	12	12	12	31%	31%	31%	31%	P	P	P	P	
b1320	ycjW	1380987	1381985	-	998	40	20	20	20	20	50%	50%	50%	50%	P	P	P	P	U
b1324	tpx	1386329	1386835	-	506	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b1326	mpaA	1387894	1388682	-	788	31	28	28	28	28	90%	90%	90%	90%	P	P	P	P	

b4525	ymjC	1388749	1388886	-	137	5	1	1	1	1	20%	20%	20%	20%	P	P	P	P	U
b1327	ycjY	1388957	1389889	-	932	37	0	2	2	3	0%	5%	5%	8%	A	P	P	P	U
b1330	ynaI	1392915	1393946	-	1031	42	34	34	34	34	81%	81%	81%	81%	P	P	P	P	U
b1333	uspE	1395696	1396646	-	950	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b1334	fnr	1396798	1397550	-	752	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b1335	ogt	1397745	1398260	-	515	20	13	13	13	16	65%	65%	65%	80%	P	P	P	P	
b1336	abgT	1398271	1399797	-	1526	61	0	1	1	1	0%	2%	2%	2%	A	P	P	P	U
b1337	abgB	1399834	1401279	-	1445	58	0	2	5	5	0%	3%	9%	9%	A	P	P	P	U
b1338	abgA	1401279	1402589	-	1310	52	0	0	5	6	0%	0%	10%	12%	A	A	P	P	U
b4426	isrA	1403676	1403833	-	157	6	3	3	4	4	50%	50%	67%	67%	P	P	P	P	U
b1341	ydaM	1404587	1405819	-	1232	50	44	46	46	46	88%	92%	92%	92%	P	P	P	P	U
b1344	ttcA	1409037	1409972	-	935	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	U
b1345	intR	1410024	1411259	-	1235	49	6	12	17	17	12%	24%	35%	35%	P	P	P	P	
b1346	ydaQ	1411261	1411476	-	215	9	0	0	1	1	0%	0%	11%	11%	A	A	P	P	U
b1347	ydaC	1411555	1411764	-	209	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1348	lar	1411757	1411951	-	194	8	0	1	2	2	0%	13%	25%	25%	A	P	P	P	
b1349	recT	1412008	1412817	-	809	32	0	3	3	5	0%	9%	9%	16%	A	P	P	P	
b1350	recE	1412810	1415410	-	2600	104	0	1	6	6	0%	1%	6%	6%	A	P	P	P	
b1351	racC	1415512	1415787	-	275	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4526	ydaE	1415862	1416032	-	170	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1352	kilR	1416032	1416253	-	221	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4527	ydaF	1417180	1417335	-	155	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1355	ydaG	1417346	1417480	-	134	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1356	racR	1417789	1418265	-	476	19	18	18	18	18	95%	95%	95%	95%	P	P	P	P	U
b1370	insH	1425770	1426750	-	980	39	37	37	37	37	95%	95%	95%	95%	P	P	P	P	
b1374	pinR	1431108	1431698	-	590	24	0	1	1	1	0%	4%	4%	4%	A	P	P	P	U
b1375	ynaE	1432015	1432281	-	266	10	0	2	2	2	0%	20%	20%	20%	A	P	P	P	U
b4638	ttcC	1432982	1433032	-	50	2	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1376	uspF	1433209	1433643	-	434	18	17	17	18	18	94%	94%	100%	100%	P	P	P	P	
b1377	ompN	1433784	1434917	-	1133	46	0	1	1	1	0%	2%	2%	2%	A	P	P	P	
b1378	ydbK	1435284	1438808	-	3524	141	135	135	140	140	96%	96%	99%	99%	P	P	P	P	U
b1379	hslJ	1439345	1439767	-	422	17	14	15	17	17	82%	88%	100%	100%	P	P	P	P	
b1380	ldhA	1439878	1440867	-	989	40	39	40	40	40	98%	100%	100%	100%	P	P	P	P	
b1384	feaR	1444402	1445307	-	905	36	5	5	6	9	14%	14%	17%	25%	P	P	P	P	
b1386	tynA	1447100	1449373	-	2273	91	0	1	4	4	0%	1%	4%	4%	A	P	P	P	
b1387	maoC	1449621	1451666	-	2045	82	0	0	6	6	0%	0%	7%	7%	A	A	P	P	
b1402	insD	1465945	1466850	-	905	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b1403	insC	1466808	1467173	-	365	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b1412	azoR	1480279	1480884	-	605	24	22	22	22	22	92%	92%	92%	92%	P	P	P	P	
b4493	gapC	1487737	1488737	-	1000	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	U
b4597	rydC	1489467	1489530	-	63	3	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4428	hokB	1489946	1490095	-	149	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	
b1420	mokB	1489986	1490153	-	167	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	
b1422	ydcI	1492172	1493095	-	923	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	U
b1428	ydcK	1497493	1498473	-	980	39	20	20	36	36	51%	51%	92%	92%	P	P	P	P	U
b4578	yncK	1501167	1501658	-	491	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b1433	ydcO	1502929	1504104	-	1175	47	0	1	3	3	0%	2%	6%	6%	A	P	P	P	U
b1436	yncJ	1506858	1507088	-	230	9	0	8	8	8	0%	89%	89%	89%	A	P	P	P	U
b4598	yncL	1515123	1515218	-	95	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	U
b1447	ydcZ	1515906	1516355	-	449	18	9	9	9	10	50%	50%	50%	56%	P	P	P	P	U
b1448	yncA	1516352	1516870	-	518	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	U
b1451	yncD	1518987	1521089	-	2102	84	56	57	57	57	67%	68%	68%	68%	P	P	P	P	U
b1453	ansP	1522505	1524004	-	1499	60	9	9	11	11	15%	15%	18%	18%	P	P	P	P	
b1462	yddH	1531306	1531875	-	569	23	4	4	7	14	17%	17%	30%	61%	P	P	P	P	U
b1464	yddE	1532989	1533882	-	893	36	32	32	32	32	89%	89%	89%	89%	P	P	P	P	U
b1465	narV	1533961	1534641	-	680	27	0	0	2	2	0%	0%	7%	7%	A	A	P	P	
b1466	narW	1534638	1535333	-	695	28	0	2	2	2	0%	7%	7%	7%	A	P	P	P	
b1467	narY	1535333	1536877	-	1544	61	0	0	3	3	0%	0%	5%	5%	A	A	P	P	
b1468	narZ	1536874	1540614	-	3740	150	0	0	9	13	0%	0%	6%	9%	A	A	P	P	
b1469	narU	1540696	1542084	-	1388	56	0	0	2	7	0%	0%	4%	13%	A	A	P	P	
b1470	yddJ	1542408	1542743	-	335	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1471	yddK	1542782	1543771	-	989	39	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1472	yddL	1543774	1544052	-	278	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1473	yddG	1544312	1545193	-	881	36	24	24	24	24	67%	67%	67%	67%	P	P	P	P	U
b1477	yddM	1550422	1550706	-	284	11	9	11	11	11	82%	100%	100%	100%	P	P	P	P	U
b1478	adhP	1550852	1551862	-	1010	40	38	38	39	39	95%	95%	98%	98%	P	P	P	P	
b1479	maeA	1551996	1553693	-	1697	68	68	68	68	68	100%	100%	100%	100%	P	P	P	P	
b1480	sra	1553850	1553987	-	137	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b1481	bdm	1554089	1554304	-	215	9	5	5	5	6	56%	56%	56%	67%	P	P	P	P	
b1483	ddpF	1555136	1556062	-	926	37	0	0	1	35	0%	0%	3%	95%	A	A	P	P	
b1484	ddpD	1556055	1557041	-	986	39	0	0	1	39	0%	0%	3%	100%	A	A	P	P	
b1485	ddpC	1557038	1557934	-	896	36	0	0	1	36	0%	0%	3%	100%	A	A	P	P	
b1486	ddpB	1557931	1558953	-	1022	41	0	0	2	41	0%	0%	5%	100%	A	A	P	P	
b1487	ddpA	1558955	1560505	-	1550	62	0	0	0	62	0%	0%	0%	100%	A	A	A	P	
b1488	ddpX	1560519	1561100	-	581	23	0	0	0	23	0%	0%	0%	100%	A	A	A	P	
b1489	dos	1561358	1563757	-	2399	96	14	14	25	45	15%	15%	26%	47%	P	P	P	P	
b1490	yddV	1563782	1565164	-	1382	55	41	41	54	54	75%	75%	98%	98%	P	P	P	P	U
b1491	yddW	1565528	1566847	-	1319	53	49	49	49	49	92%	92%	92%	92%	P	P	P	P	U
b1492	gadC	1566978	1568513	-	1535	61	59	59	61	61	97%	97%	100%	100%	P	P	P	P	U
b1493	gadB	1568669	1570069	-	1400	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b1494	pqqL	1570431	1573226	-	2795	112	0	6	7	10	0%	5%	6%	9%	A	P	P	P	U
b1495	yddB	1573271	1575643	-	2372	95	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1496	yddA	1575681	1577366	-	1685	68	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1497	ydeM	1577657	1578814	-	1157	47	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1498	ydeN	1578866	1580548	-	1682	67	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1499	ydeO	1580950	1581711	-	761	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1500	yneN	1581786	1581983	-	197	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1501	ydeP	1582231	1584510	-	2279	91	0	54	54	54	0%	59%	59%	59%	A	P	P	P	U
b1502	ydeQ	1584844	1585758	-	914	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1503	ydeR	1585817	1586320	-	503	20	0	3	3	3	0%	15%	15%	15%	A	P	P	P	U
b1504	ydeS	1586333	1586863	-	530	22	0	8	8	8	0%	36%	36%	36%	A	P	P	P	U
b1505	ydeT	1586877	1588103	-	1226	49	0	10	10	11	0%	20%	20%	22%	A	P	P	P	U

b1506	yneL	1588358	1588560	-	202	8	0	2	2	2	0%	25%	25%	25%	A	P	P	P	U
b1507	hipA	1588878	1590200	-	1322	53	36	42	42	42	68%	79%	79%	79%	P	P	P	P	
b1508	hipB	1590200	1590466	-	266	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b1509	ydeU	1590689	1592089	-	1400	56	23	29	30	31	41%	52%	54%	55%	P	P	P	P	U
b1510	ydeK	1592133	1596110	-	3977	159	41	69	74	75	26%	43%	47%	47%	P	P	P	P	U
b1511	lsrK	1596641	1598233	-	1592	63	5	5	19	19	8%	8%	30%	30%	P	P	P	P	
b1512	lsrR	1598312	1599265	-	953	39	16	17	21	23	41%	44%	54%	59%	P	P	P	P	
b1520	yneE	1606132	1607046	-	914	37	26	26	26	26	70%	70%	70%	70%	P	P	P	P	U
b1521	uxaB	1607253	1608704	-	1451	58	0	2	13	13	0%	3%	22%	22%	A	P	P	P	
b1522	yneF	1608931	1609878	-	947	38	5	9	10	10	13%	24%	26%	26%	P	P	P	P	U
b1523	yneG	1609990	1610349	-	359	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b1524	yneH	1610349	1611275	-	926	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	U
b1525	sad	1611339	1612727	-	1388	55	49	49	49	50	89%	89%	89%	91%	P	P	P	P	U
b1529	marC	1616267	1616932	-	665	26	20	21	21	22	77%	81%	81%	85%	P	P	P	P	U
b1533	eamA	1618262	1619161	-	899	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b1535	ydeH	1620984	1621874	-	890	36	0	33	33	33	0%	92%	92%	92%	A	P	P	P	U
b1536	ydeI	1622129	1622521	-	392	16	5	14	15	16	31%	88%	94%	100%	P	P	P	P	U
b1538	dcp	1623359	1625404	-	2045	82	82	82	82	82	100%	100%	100%	100%	P	P	P	P	
b1542	ydfI	1627477	1628937	-	1460	59	0	2	3	3	0%	3%	5%	5%	A	P	P	P	U
b4600	ydfJ	1629026	1630309	-	1283	51	0	0	3	3	0%	0%	6%	6%	A	A	P	P	U
b1546	tfaQ	1632334	1632909	-	575	23	0	1	3	4	0%	4%	13%	17%	A	P	P	P	U
b1547	ydfN	1632909	1633871	-	962	39	0	1	3	3	0%	3%	8%	8%	A	P	P	P	U
b1548	nohA	1633864	1634391	-	527	21	0	0	2	2	0%	0%	10%	10%	A	A	P	P	U
b1550	gnsB	1635633	1635806	-	173	6	5	5	5	5	83%	83%	83%	83%	P	P	P	P	U
b1551	ynfN	1635978	1636133	-	155	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1552	cspI	1636479	1636691	-	212	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1553	ydfP	1637054	1637551	-	497	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1554	arrQ	1637548	1638081	-	533	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1555	ydfR	1638078	1638389	-	311	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1556	essQ	1638394	1638609	-	215	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1557	cspB	1639363	1639578	-	215	8	0	0	0	1	0%	0%	0%	13%	A	A	A	P	
b1559	quuQ	1640513	1641265	-	752	30	6	7	11	12	20%	23%	37%	40%	P	P	P	P	U
b1560	ydfU	1641279	1642226	-	947	38	0	0	2	2	0%	0%	5%	5%	A	A	P	P	U
b1561	rem	1642675	1642926	-	251	10	1	2	7	7	10%	20%	70%	70%	P	P	P	P	U
b1562	hokD	1643143	1643298	-	155	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	
b1563	relE	1643370	1643657	-	287	11	10	11	11	11	91%	100%	100%	100%	P	P	P	P	
b1564	relB	1643657	1643896	-	239	10	9	10	10	10	90%	100%	100%	100%	P	P	P	P	
b1567	ydfW	1645146	1645373	-	227	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1568	ydfX	1645370	1645660	-	290	11	0	0	2	2	0%	0%	18%	18%	A	A	P	P	U
b1569	dicC	1645644	1645874	-	230	9	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4600	ydfJ	1650779	1650862	-	83	3	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1580	rspB	1650920	1651939	-	1019	40	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1581	rspA	1651951	1653165	-	1214	48	0	0	4	4	0%	0%	8%	8%	A	A	P	P	U
b1582	ynfA	1653371	1653697	-	326	13	8	8	8	9	62%	62%	62%	69%	P	P	P	P	U
b1585	ynfC	1654771	1655481	-	710	28	20	20	20	22	71%	71%	71%	79%	P	P	P	P	U
b1593	ynfK	1664548	1665243	-	695	27	22	27	27	27	81%	100%	100%	100%	P	P	P	P	U

b1594	dgsA	1665368	1666588	-	1220	49	43	44	44	44	88%	90%	90%	90%	P	P	P	P	
b1595	ynfL	1666723	1667616	-	893	35	4	4	8	8	11%	11%	23%	23%	P	P	P	P	U
b1599	mdtI	1670844	1671173	-	329	14	1	1	1	1	7%	7%	7%	7%	P	P	P	P	
b1600	mdtJ	1671160	1671525	-	365	15	4	4	4	4	27%	27%	27%	27%	P	P	P	P	
b1602	pntB	1672996	1674384	-	1388	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b1603	pntA	1674395	1675927	-	1532	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b1607	ydgC	1679719	1680054	-	335	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b1611	fumC	1683209	1684612	-	1403	56	51	51	51	51	91%	91%	91%	91%	P	P	P	P	
b1612	fumA	1684755	1686401	-	1646	66	66	66	66	66	100%	100%	100%	100%	P	P	P	P	
b1615	uidC	1689610	1690875	-	1265	51	0	1	5	5	0%	2%	10%	10%	A	P	P	P	U
b1616	uidB	1690914	1692287	-	1373	55	0	0	3	3	0%	0%	5%	5%	A	A	P	P	U
b1617	uidA	1692284	1694095	-	1811	73	0	0	8	8	0%	0%	11%	11%	A	A	P	P	
b1618	uidR	1694486	1695076	-	590	24	16	16	17	17	67%	67%	71%	71%	P	P	P	P	
b1619	hdhA	1695297	1696064	-	767	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b1620	malI	1696176	1697204	-	1028	41	4	29	29	29	10%	71%	71%	71%	P	P	P	P	
b1624	ydgJ	1701292	1702332	-	1040	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	U
b1636	pdxY	1713050	1713913	-	863	34	31	31	31	31	91%	91%	91%	91%	P	P	P	P	
b1637	tyrS	1713972	1715246	-	1274	51	50	50	50	50	98%	98%	98%	98%	P	P	P	P	
b1638	pdxH	1715375	1716031	-	656	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b1639	ydhA	1716090	1716419	-	329	13	8	9	9	10	62%	69%	69%	77%	P	P	P	P	U
b1640	anmK	1716517	1717626	-	1109	45	33	33	33	33	73%	73%	73%	73%	P	P	P	P	U
b1642	slyA	1718414	1718848	-	434	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b1646	sodC	1722158	1722679	-	521	21	20	20	20	20	95%	95%	95%	95%	P	P	P	P	
b1647	ydhF	1722760	1723656	-	896	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	U
b1648	ydhL	1723705	1723944	-	239	9	6	6	7	7	67%	67%	78%	78%	P	P	P	P	U
b1654	grxD	1731778	1732125	-	347	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b1657	ydhP	1734145	1735314	-	1169	46	21	21	22	22	46%	46%	48%	48%	P	P	P	P	U
b4602	ynhF	1735480	1735569	-	89	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	U
b1659	ydhB	1736890	1737822	-	932	38	18	21	21	21	47%	55%	55%	55%	P	P	P	P	U
b1662	ribC	1740625	1741266	-	641	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b1664	ydhQ	1742895	1744151	-	1256	50	49	50	50	50	98%	100%	100%	100%	P	P	P	P	U
b1669	ydhT	1746771	1747583	-	812	32	0	1	1	1	0%	3%	3%	3%	A	P	P	P	U
b1670	ydhU	1747587	1748372	-	785	32	0	4	9	10	0%	13%	28%	31%	A	P	P	P	U
b1671	ydhX	1748369	1749088	-	719	28	0	2	2	3	0%	7%	7%	11%	A	P	P	P	U
b1672	ydhW	1749101	1749748	-	647	26	0	4	5	5	0%	15%	19%	19%	A	P	P	P	U
b1673	ydhV	1749752	1751854	-	2102	84	0	12	13	13	0%	14%	15%	15%	A	P	P	P	U
b1674	ydhY	1751875	1752501	-	626	25	0	5	5	5	0%	20%	20%	20%	A	P	P	P	U
b1675	ydhZ	1752956	1753165	-	209	9	7	7	7	7	78%	78%	78%	78%	P	P	P	P	U
b1678	ynhG	1755745	1756749	-	1004	40	38	38	40	40	95%	95%	100%	100%	P	P	P	P	U
b1679	sufE	1756898	1757314	-	416	16	12	12	13	13	75%	75%	81%	81%	P	P	P	P	
b1680	sufS	1757327	1758547	-	1220	49	47	47	49	49	96%	96%	100%	100%	P	P	P	P	
b1681	sufD	1758544	1759815	-	1271	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b1682	sufC	1759790	1760536	-	746	30	28	28	30	30	93%	93%	100%	100%	P	P	P	P	
b1683	sufB	1760546	1762033	-	1487	59	57	57	59	59	97%	97%	100%	100%	P	P	P	P	
b1684	sufA	1762042	1762410	-	368	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b4430	rydB	1762737	1762804	-	67	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	U

b1685	ydiH	1762958	1763227	-	269	11	9	9	9	9	82%	82%	82%	82%	P	P	P	P	U
b1686	ydiI	1763246	1763656	-	410	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b1687	ydiJ	1763653	1766709	-	3056	122	122	122	122	122	100%	100%	100%	100%	P	P	P	P	U
b1696	ydiP	1776414	1777325	-	911	37	0	2	2	9	0%	5%	5%	24%	A	P	P	P	U
b1702	pps	1782758	1785136	-	2378	95	95	95	95	95	100%	100%	100%	100%	P	P	P	P	
b1706	ydiU	1787832	1789268	-	1436	57	54	54	54	54	95%	95%	95%	95%	P	P	P	P	U
b1707	ydiV	1789331	1790044	-	713	28	16	16	17	18	57%	57%	61%	64%	P	P	P	P	U
b1708	nlpC	1790291	1790755	-	464	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	U
b1709	btuD	1790833	1791582	-	749	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b1710	btuE	1791582	1792133	-	551	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b1711	btuC	1792196	1793176	-	980	40	34	34	35	35	85%	85%	88%	88%	P	P	P	P	
b1712	ihfA	1793277	1793576	-	299	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b1713	pheT	1793581	1795968	-	2387	95	94	94	94	94	99%	99%	99%	99%	P	P	P	P	
b1714	pheS	1795983	1796966	-	983	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b1715	pheM	1797250	1797294	-	44	1	1	1	1	1	100%	100%	100%	100%	P	P	P	P	
b1716	rplT	1797417	1797773	-	356	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b1717	rpmI	1797826	1798023	-	197	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	
b1718	infC	1798120	1798662	-	542	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b1719	thrS	1798666	1800594	-	1928	77	77	77	77	77	100%	100%	100%	100%	P	P	P	P	
b1722	ydiY	1803349	1804107	-	758	30	28	28	28	28	93%	93%	93%	93%	P	P	P	P	U
b1726	yniB	1806721	1807257	-	536	22	21	21	21	22	95%	95%	95%	100%	P	P	P	P	U
b1730	ydjO	1810353	1811168	-	815	32	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1731	cedA	1811445	1811687	-	242	10	6	6	6	6	60%	60%	60%	60%	P	P	P	P	
b1733	chbG	1814410	1815159	-	749	30	11	11	11	12	37%	37%	37%	40%	P	P	P	P	U
b1734	chbF	1815172	1816524	-	1352	54	9	10	12	14	17%	19%	22%	26%	P	P	P	P	
b1735	chbR	1816629	1817471	-	842	34	5	5	7	11	15%	15%	21%	32%	P	P	P	P	
b1736	chbA	1817479	1817829	-	350	14	6	7	7	8	43%	50%	50%	57%	P	P	P	P	
b1737	chbC	1817880	1819238	-	1358	55	3	4	5	5	5%	7%	9%	9%	P	P	P	P	
b1738	chbB	1819323	1819643	-	320	13	10	12	12	12	77%	92%	92%	92%	P	P	P	P	
b1739	osmE	1819942	1820280	-	338	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b1742	ves	1822386	1822961	-	575	23	0	4	4	5	0%	17%	17%	22%	A	P	P	P	U
b1743	spy	1823164	1823649	-	485	19	12	18	19	19	63%	95%	100%	100%	P	P	P	P	
b1744	astE	1823979	1824947	-	968	39	1	1	32	32	3%	3%	82%	82%	P	P	P	P	
b1745	astB	1824940	1826283	-	1343	53	1	1	51	52	2%	2%	96%	98%	P	P	P	P	
b1746	astD	1826280	1827758	-	1478	59	2	2	57	58	3%	3%	97%	98%	P	P	P	P	
b1747	astA	1827755	1828789	-	1034	42	7	7	42	42	17%	17%	100%	100%	P	P	P	P	
b1748	astC	1828786	1830006	-	1220	48	16	16	48	48	33%	33%	100%	100%	P	P	P	P	
b1758	ynjF	1838807	1839427	-	620	25	13	13	13	14	52%	52%	52%	56%	P	P	P	P	U
b1760	ynjH	1839887	1840159	-	272	10	0	1	3	3	0%	10%	30%	30%	A	P	P	P	U
b1762	ynjI	1841855	1842895	-	1040	42	0	3	3	3	0%	7%	7%	7%	A	P	P	P	U
b1763	topB	1843023	1844984	-	1961	78	77	77	77	77	99%	99%	99%	99%	P	P	P	P	
b1764	selD	1844989	1846032	-	1043	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b1765	ydjA	1846149	1846700	-	551	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b1769	ydjE	1850645	1852003	-	1358	54	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1770	ydjF	1852120	1852878	-	758	30	15	15	15	15	50%	50%	50%	50%	P	P	P	P	U
b1771	ydjG	1853015	1853995	-	980	39	0	1	1	1	0%	3%	3%	3%	A	P	P	P	U

b1772	ydjH	1854005	1854952	-	947	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1773	ydjI	1854957	1855793	-	836	34	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1774	ydjJ	1855814	1856857	-	1043	41	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1775	ydjK	1856874	1858253	-	1379	55	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1776	ydjL	1858280	1859356	-	1076	43	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1777	yeaC	1859726	1859998	-	272	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b1778	msrB	1860040	1860453	-	413	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b1781	yeaE	1862806	1863660	-	854	35	18	18	19	19	51%	51%	54%	54%	P	P	P	P	U
b1782	mipA	1863750	1864496	-	746	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b1788	yoaI	1872102	1872206	-	104	4	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1790	yeaM	1872779	1873600	-	821	33	23	23	23	23	70%	70%	70%	70%	P	P	P	P	U
b1793	yoaF	1875302	1875556	-	254	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b1795	yeaQ	1877031	1877279	-	248	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b1796	yoaG	1877427	1877609	-	182	7	0	4	4	4	0%	57%	57%	57%	A	P	P	P	U
b1797	yeaR	1877613	1877972	-	359	15	0	2	2	2	0%	13%	13%	13%	A	P	P	P	U
b1798	leuE	1878145	1878783	-	638	25	1	8	8	8	4%	32%	32%	32%	P	P	P	P	
b1799	yeaT	1878910	1879833	-	923	37	28	28	28	32	76%	76%	76%	86%	P	P	P	P	U
b1804	rnd	1884888	1886015	-	1127	45	35	35	35	35	78%	78%	78%	78%	P	P	P	P	
G0-9384	sroD	1886041	1886126	-	85	4	2	2	3	3	50%	50%	75%	75%	P	P	P	P	
b1805	fadD	1886085	1887770	-	1685	68	51	51	68	68	75%	75%	100%	100%	P	P	P	P	
b1806	yeaY	1887975	1888556	-	581	23	20	20	20	20	87%	87%	87%	87%	P	P	P	P	U
b1807	yeaZ	1888596	1889291	-	695	27	26	26	26	26	96%	96%	96%	96%	P	P	P	P	U
b1808	yoaA	1889349	1891259	-	1910	76	60	60	60	60	79%	79%	79%	79%	P	P	P	P	U
b1811	yoaH	1892576	1892755	-	179	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b1816	yoaE	1898053	1899609	-	1556	62	58	58	58	58	94%	94%	94%	94%	P	P	P	P	U
b1822	rrmA	1904275	1905084	-	809	32	29	29	29	29	91%	91%	91%	91%	P	P	P	P	
b1823	cspC	1905250	1905459	-	209	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	
b1824	yobF	1905472	1905615	-	143	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	U
b1825	yebO	1906285	1906572	-	287	12	9	10	10	10	75%	83%	83%	83%	P	P	P	P	U
b1826	mgrB	1906647	1906790	-	143	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	U
b1827	kdgR	1907332	1908123	-	791	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b1829	htpX	1909719	1910600	-	881	36	35	36	36	36	97%	100%	100%	100%	P	P	P	P	U
b1830	prc	1910792	1912840	-	2048	82	82	82	82	82	100%	100%	100%	100%	P	P	P	P	
b1831	proQ	1912860	1913558	-	698	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	U
b1832	yebR	1913655	1914152	-	497	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b1838	pphA	1920337	1920993	-	656	26	0	15	15	15	0%	58%	58%	58%	A	P	P	P	
b4433	ryeB	1921188	1921308	-	120	5	2	2	3	3	40%	40%	60%	60%	P	P	P	P	U
b1839	yebY	1921389	1921730	-	341	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b1840	yebZ	1921743	1922615	-	872	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	U
b1841	yobA	1922619	1922993	-	374	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b1845	ptrB	1924803	1926863	-	2060	82	52	52	52	59	63%	63%	63%	72%	P	P	P	P	
b1846	yebE	1927072	1927731	-	659	26	22	26	26	26	85%	100%	100%	100%	P	P	P	P	U
b1847	yebF	1928058	1928414	-	356	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b1848	yebG	1928481	1928771	-	290	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b1850	eda	1930139	1930780	-	641	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b1851	edd	1930817	1932628	-	1811	73	72	72	72	72	99%	99%	99%	99%	P	P	P	P	

b1852	zwf	1932863	1934338	-	1475	59	58	58	58	58	98%	98%	98%	98%	P	P	P	P	
b1855	lpxM	1937246	1938217	-	971	39	38	38	38	38	97%	97%	97%	97%	P	P	P	P	
b1856	yebA	1938337	1939659	-	1322	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	U
b1857	znuA	1939675	1940607	-	932	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b1860	ruvB	1942370	1943380	-	1010	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b1861	ruvA	1943389	1944000	-	611	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b1863	ruvC	1944879	1945400	-	521	21	20	20	20	20	95%	95%	95%	95%	P	P	P	P	
b1864	yebC	1945435	1946175	-	740	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	U
b1865	nudB	1946204	1946656	-	452	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b1866	aspS	1946774	1948546	-	1772	71	71	71	71	71	100%	100%	100%	100%	P	P	P	P	
b1872	torZ	1952602	1955031	-	2429	97	4	13	18	18	4%	13%	19%	19%	P	P	P	P	
b1873	torY	1955056	1956156	-	1100	44	0	1	1	2	0%	2%	2%	5%	A	P	P	P	
b1874	cutC	1956544	1957290	-	746	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b1875	yecM	1957304	1957870	-	566	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b1878	flhE	1960604	1960996	-	392	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1879	flhA	1960996	1963074	-	2078	84	8	9	10	10	10%	11%	12%	12%	P	P	P	P	U
b1880	flhB	1963067	1964215	-	1148	46	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b1881	cheZ	1964417	1965061	-	644	26	4	7	7	7	15%	27%	27%	27%	P	P	P	P	
b1882	cheY	1965072	1965461	-	389	16	3	7	7	7	19%	44%	44%	44%	P	P	P	P	
b1883	cheB	1965476	1966525	-	1049	42	2	4	5	6	5%	10%	12%	14%	P	P	P	P	
b1884	cheR	1966528	1967388	-	860	34	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1885	tap	1967407	1969008	-	1601	64	0	1	1	1	0%	2%	2%	2%	A	P	P	P	
b1886	tar	1969054	1970715	-	1661	66	0	10	10	10	0%	15%	15%	15%	A	P	P	P	
b1887	cheW	1970860	1971363	-	503	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1888	cheA	1971384	1973348	-	1964	78	0	10	10	10	0%	13%	13%	13%	A	P	P	P	
b1889	motB	1973353	1974279	-	926	37	0	5	5	6	0%	14%	14%	16%	A	P	P	P	
b1890	motA	1974276	1975163	-	887	35	0	14	14	14	0%	40%	40%	40%	A	P	P	P	
b1891	flhC	1975290	1975868	-	578	23	21	22	22	22	91%	96%	96%	96%	P	P	P	P	
b1892	flhD	1975871	1976221	-	350	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	
b1893	insB	1976542	1977045	-	503	20	10	14	15	15	50%	70%	75%	75%	P	P	P	P	
b1894	insA	1976964	1977239	-	275	11	10	10	10	10	91%	91%	91%	91%	P	P	P	P	
b1896	otsA	1978212	1979636	-	1424	57	56	56	57	57	98%	98%	100%	100%	P	P	P	P	
b1897	otsB	1979611	1980411	-	800	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b4460	araH	1980578	1981564	-	986	39	0	9	36	36	0%	23%	92%	92%	A	P	P	P	
b1900	araG	1981579	1983093	-	1514	60	0	9	56	56	0%	15%	93%	93%	A	P	P	P	
b1901	araF	1983163	1984152	-	989	40	0	8	39	39	0%	20%	98%	98%	A	P	P	P	
b4537	yecJ	1985531	1985782	-	251	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
b4434	isrB	1985863	1986022	-	159	6	5	5	5	5	83%	83%	83%	83%	P	P	P	P	U
b1906	yecH	1987275	1987514	-	239	10	0	7	10	10	0%	70%	100%	100%	A	P	P	P	U
b1908	yecA	1988978	1989643	-	665	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b1909	leuZ	1989839	1989925	-	86	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1910	cysT	1989938	1990011	-	73	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1911	glyW	1990066	1990141	-	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1912	pgsA	1990293	1990841	-	548	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b1913	uvrC	1990898	1992730	-	1832	74	70	70	70	71	95%	95%	95%	96%	P	P	P	P	
b1914	uvrY	1992727	1993383	-	656	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	

b1916	sdiA	1994134	1994856	-	722	29	14	17	22	22	48%	59%	76%	76%	P	P	P	P	
b1917	yecC	1995086	1995838	-	752	30	26	26	28	28	87%	87%	93%	93%	P	P	P	P	U
b1918	yecS	1995835	1996503	-	668	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b1919	dcyD	1996518	1997504	-	986	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b1920	fliY	1997609	1998409	-	800	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b1921	fliZ	1998497	1999048	-	551	22	1	1	2	4	5%	5%	9%	18%	P	P	P	P	U
b1922	fliA	1999094	1999813	-	719	29	0	6	6	6	0%	21%	21%	21%	A	P	P	P	
b1923	fliC	2000134	2001630	-	1496	60	26	57	60	60	43%	95%	100%	100%	P	P	P	P	
b1928	yedD	2005701	2006114	-	413	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b4495	yedN	2009247	2010375	-	1128	46	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b1937	fliE	2010724	2011038	-	314	12	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b1952	dsrB	2022659	2022847	-	188	7	6	6	6	7	86%	86%	86%	100%	P	P	P	P	U
b1954	dsrA	2023251	2023337	-	86	4	2	2	2	2	50%	50%	50%	50%	P	P	P	P	
b1956	yedQ	2024347	2026041	-	1694	68	41	41	50	52	60%	60%	74%	76%	P	P	P	P	U
b1957	yodC	2026212	2026394	-	182	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b1958	yedI	2026473	2027390	-	917	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	U
b1960	vsr	2028472	2028942	-	470	19	11	11	11	11	58%	58%	58%	58%	P	P	P	P	
b1961	dcm	2028923	2030341	-	1418	57	54	54	54	54	95%	95%	95%	95%	P	P	P	P	
b1962	yedJ	2030408	2031103	-	695	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	U
b1963	yedR	2031143	2031508	-	365	15	13	13	13	13	87%	87%	87%	87%	P	P	P	P	U
b1968	yedV	2034818	2036176	-	1358	54	18	18	18	18	33%	33%	33%	33%	P	P	P	P	U
b1969	yedW	2036176	2036847	-	671	27	21	21	21	21	78%	78%	78%	78%	P	P	P	P	U
b1975	serU	2041492	2041581	-	89	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b4497	yeeL	2050300	2051352	-	1052	42	0	0	4	4	0%	0%	10%	10%	A	A	P	P	U
b1984	asnW	2056051	2056126	-	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b1985	yeeO	2056227	2057870	-	1643	66	11	27	38	41	17%	41%	58%	62%	P	P	P	P	U
b1987	cbl	2057988	2058938	-	950	38	36	36	36	38	95%	95%	95%	100%	P	P	P	P	
b1988	nac	2059040	2059957	-	917	36	0	0	1	36	0%	0%	3%	100%	A	A	P	P	
b1990	erfK	2060415	2061347	-	932	37	25	29	30	35	68%	78%	81%	95%	P	P	P	P	U
b1991	cobT	2061412	2062491	-	1079	43	41	42	42	43	95%	98%	98%	100%	P	P	P	P	
b1992	cobS	2062503	2063246	-	743	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b1993	cobU	2063243	2063788	-	545	22	21	21	21	21	95%	95%	95%	95%	P	P	P	P	
b4639	yeeH	2064092	2064178	-	86	3	0	1	1	1	0%	33%	33%	33%	A	P	P	P	U
b1994	insH	2064329	2065345	-	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b4640	yoeG	2065384	2065916	-	532	22	17	20	20	20	77%	91%	91%	91%	P	P	P	P	U
b4641	yoeH	2066285	2066443	-	158	6	5	5	5	5	83%	83%	83%	83%	P	P	P	P	U
b1996	insD	2066976	2067881	-	905	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b1997	insC	2067839	2068204	-	365	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b4642	yoeD	2076573	2076701	-	128	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2007	yeeX	2077056	2077385	-	329	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b2008	yeeA	2077557	2078615	-	1058	43	27	27	29	31	63%	63%	67%	72%	P	P	P	P	U
b2009	sbmC	2078813	2079286	-	473	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b2010	dacD	2079405	2080571	-	1166	47	13	14	18	19	28%	30%	38%	40%	P	P	P	P	
b2012	yeeD	2082250	2082477	-	227	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	U
b2013	yeeE	2082491	2083549	-	1058	42	41	41	41	41	98%	98%	98%	98%	P	P	P	P	U
b2014	yeeF	2083728	2085086	-	1358	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	U

b2015	yeeY	2085353	2086282	-	929	37	9	21	37	37	24%	57%	100%	100%	P	P	P	P	U
b2016	yeeZ	2086328	2087152	-	824	33	32	32	33	33	97%	97%	100%	100%	P	P	P	P	U
b4539	yoeB	2087235	2087489	-	254	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b2017	yefM	2087486	2087737	-	251	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b2027	cld	2095345	2096325	-	980	40	39	39	39	39	98%	98%	98%	98%	P	P	P	P	
b2028	ugd	2096471	2097637	-	1166	47	20	20	20	20	43%	43%	43%	43%	P	P	P	P	
b2029	gnd	2097886	2099292	-	1406	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b4571	wbbL	2099420	2099768	-	348	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	U
b2030	insH	2099919	2100935	-	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b4571	wbbL	2100968	2101413	-	445	18	16	16	16	16	89%	89%	89%	89%	P	P	P	P	U
b2032	wbbK	2101415	2102533	-	1118	45	44	44	44	44	98%	98%	98%	98%	P	P	P	P	
b2033	wbbJ	2102518	2103108	-	590	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	U
b2034	wbbI	2103089	2104081	-	992	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	U
b2035	rfc	2104084	2105250	-	1166	46	42	42	42	43	91%	91%	91%	93%	P	P	P	P	
b2036	glf	2105250	2106353	-	1103	44	43	43	43	43	98%	98%	98%	98%	P	P	P	P	
b2037	rfbX	2106361	2107608	-	1247	50	48	48	48	49	96%	96%	96%	98%	P	P	P	P	U
b2038	rfbC	2107605	2108162	-	557	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b2039	rfbA	2108162	2109043	-	881	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b2040	rfbD	2109101	2110000	-	899	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b2041	rfbB	2110000	2111085	-	1085	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b2042	galF	2111458	2112351	-	893	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	U
b2043	wcaM	2112526	2113920	-	1394	56	7	9	10	14	13%	16%	18%	25%	P	P	P	P	U
b2044	wcaL	2113931	2115151	-	1220	49	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b2045	wcaK	2115148	2116428	-	1280	51	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2046	wzxC	2116704	2118182	-	1478	59	0	0	3	3	0%	0%	5%	5%	A	A	P	P	
b2047	wcaJ	2118184	2119578	-	1394	56	0	0	5	5	0%	0%	9%	9%	A	A	P	P	U
b2048	cpsG	2119633	2121003	-	1370	55	0	0	3	3	0%	0%	5%	5%	A	A	P	P	
b2049	cpsB	2121108	2122544	-	1436	58	0	0	2	2	0%	0%	3%	3%	A	A	P	P	
b2050	wcaI	2122547	2123770	-	1223	49	0	0	2	2	0%	0%	4%	4%	A	A	P	P	U
b2051	gmm	2123767	2124246	-	479	19	0	0	1	1	0%	0%	5%	5%	A	A	P	P	
b2052	fcl	2124249	2125214	-	965	39	0	0	2	2	0%	0%	5%	5%	A	A	P	P	
b2053	gmd	2125217	2126338	-	1121	45	0	0	2	2	0%	0%	4%	4%	A	A	P	P	
b2054	wcaF	2126364	2126912	-	548	21	0	0	1	1	0%	0%	5%	5%	A	A	P	P	U
b2055	wcaE	2126928	2127674	-	746	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2056	wcaD	2127685	2128902	-	1217	49	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2057	wcaC	2128877	2130094	-	1217	49	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2058	wcaB	2130091	2130579	-	488	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2059	wcaA	2130582	2131421	-	839	34	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2060	wzc	2131514	2133676	-	2162	87	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2061	wzb	2133679	2134122	-	443	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2062	wza	2134128	2135267	-	1139	46	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2064	asmA	2137783	2139636	-	1853	74	71	71	71	71	96%	96%	96%	96%	P	P	P	P	U
b2065	dcd	2139658	2140239	-	581	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b2066	udk	2140331	2140972	-	641	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b2068	alkA	2144716	2145564	-	848	34	13	15	22	22	38%	44%	65%	65%	P	P	P	P	
b2070	yegI	2147063	2149009	-	1946	78	0	1	5	6	0%	1%	6%	8%	A	P	P	P	U

b2072	yegK	2149735	2150496	-	761	31	0	0	4	4	0%	0%	13%	13%	A	A	P	P	U
b2073	yegL	2150493	2151152	-	659	26	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2082	ogrK	2165326	2165544	-	218	9	8	9	9	9	89%	100%	100%	100%	P	P	P	P	
b2083	yegZ	2165626	2165838	-	212	8	0	1	1	1	0%	13%	13%	13%	A	P	P	P	U
b2085	yegR	2166013	2166330	-	317	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4498	gatR	2167717	2168191	-	474	19	0	2	2	2	0%	11%	11%	11%	A	P	P	P	U
b4498	gatR	2169453	2169751	-	298	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b2091	gatD	2169857	2170897	-	1040	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b2092	gatC	2170945	2172300	-	1355	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	
b2093	gatB	2172304	2172588	-	284	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b2094	gatA	2172619	2173071	-	452	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b2095	gatZ	2173081	2174343	-	1262	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b2096	gatY	2174372	2175226	-	854	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	
b2097	fbaB	2175534	2176586	-	1052	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b2101	yegW	2180057	2180803	-	746	30	25	25	25	25	83%	83%	83%	83%	P	P	P	P	U
b2102	yegX	2180855	2181673	-	818	33	14	15	15	16	42%	45%	45%	48%	P	P	P	P	U
b2103	thiD	2181738	2182538	-	800	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b2104	thiM	2182535	2183323	-	788	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b2105	rcnR	2183546	2183818	-	272	11	9	9	9	9	82%	82%	82%	82%	P	P	P	P	U
b2108	yehA	2185402	2186436	-	1034	41	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b2109	yehB	2186452	2188932	-	2480	99	0	3	3	3	0%	3%	3%	3%	A	P	P	P	U
b2110	yehC	2188948	2189667	-	719	29	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2111	yehD	2189702	2190244	-	542	22	0	6	6	6	0%	27%	27%	27%	A	P	P	P	U
b2112	yehE	2190537	2190818	-	281	12	9	9	10	12	75%	75%	83%	100%	P	P	P	P	U
b2113	mrp	2191081	2192190	-	1109	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b2124	yehS	2209748	2210218	-	470	19	14	14	14	14	74%	74%	74%	74%	P	P	P	P	U
b2125	yehT	2210265	2210984	-	719	29	25	25	25	25	86%	86%	86%	86%	P	P	P	P	U
b2126	yehU	2210981	2212666	-	1685	67	31	31	31	35	46%	46%	46%	52%	P	P	P	P	U
b2128	yehW	2213767	2214498	-	731	30	12	12	12	15	40%	40%	40%	50%	P	P	P	P	U
b2129	yehX	2214503	2215429	-	926	37	27	27	27	29	73%	73%	73%	78%	P	P	P	P	U
b2130	yehY	2215422	2216579	-	1157	46	16	16	16	19	35%	35%	35%	41%	P	P	P	P	U
b2131	osmF	2216586	2217503	-	917	37	35	35	35	37	95%	95%	95%	100%	P	P	P	P	U
b2132	bglX	2217714	2220011	-	2297	92	92	92	92	92	100%	100%	100%	100%	P	P	P	P	
b2134	pbpG	2221960	2222892	-	932	37	35	36	36	36	95%	97%	97%	97%	P	P	P	P	
b2135	yohC	2223066	2223653	-	587	24	8	12	24	24	33%	50%	100%	100%	P	P	P	P	U
b2137	yohF	2224531	2225292	-	761	30	17	21	22	27	57%	70%	73%	90%	P	P	P	P	U
b2139	mdtQ	2225345	2226780	-	1435	57	0	1	1	1	0%	2%	2%	2%	A	P	P	P	U
b2140	dusC	2227460	2228407	-	947	38	25	25	25	25	66%	66%	66%	66%	P	P	P	P	
b2148	mgIC	2234765	2235775	-	1010	41	28	28	28	28	68%	68%	68%	68%	P	P	P	P	
b2149	mgIA	2235791	2237311	-	1520	61	45	45	45	45	74%	74%	74%	74%	P	P	P	P	
b2150	mgIB	2237372	2238370	-	998	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b2151	galS	2238650	2239690	-	1040	41	0	0	3	3	0%	0%	7%	7%	A	A	P	P	
b2152	yeiB	2239832	2240989	-	1157	46	36	36	36	36	78%	78%	78%	78%	P	P	P	P	U
b2153	folE	2241006	2241674	-	668	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b2155	cirA	2242800	2244791	-	1991	79	55	55	55	76	70%	70%	70%	96%	P	P	P	P	
b2156	lysP	2245085	2246554	-	1469	59	59	59	59	59	100%	100%	100%	100%	P	P	P	P	

b2157	yeiE	2246759	2247640	-	881	35	26	26	26	26	74%	74%	74%	74%	P	P	P	P	U
b2161	nupX	2250917	2252167	-	1250	50	0	0	5	5	0%	0%	10%	10%	A	A	P	P	U
b2162	rihB	2252267	2253208	-	941	38	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b2164	yeiM	2254107	2255357	-	1250	50	0	2	5	5	0%	4%	10%	10%	A	P	P	P	U
b2165	yeiN	2255451	2256389	-	938	37	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b2166	yeiC	2256377	2257318	-	941	37	0	2	2	2	0%	5%	5%	5%	A	P	P	P	U
b2167	fruA	2257741	2259432	-	1691	68	65	68	68	68	96%	100%	100%	100%	P	P	P	P	
b2168	fruK	2259449	2260387	-	938	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b2169	fruB	2260387	2261517	-	1130	45	38	45	45	45	84%	100%	100%	100%	P	P	P	P	
b4502	yeiW	2263063	2263317	-	254	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2181	yejG	2275915	2276259	-	344	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b2182	bcr	2276592	2277782	-	1190	48	41	41	41	41	85%	85%	85%	85%	P	P	P	P	
b2183	rsuA	2277810	2278505	-	695	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b2186	yejK	2280962	2281969	-	1007	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b2190	yejO	2284412	2286936	-	2524	101	66	68	71	77	65%	67%	70%	76%	P	P	P	P	U
b2192	insH	2287087	2288103	-	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b2190	yejO	2288136	2288202	-	66	3	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2194	ccmH	2289380	2290432	-	1052	42	10	10	10	10	24%	24%	24%	24%	P	P	P	P	
b2195	ccmG	2290429	2290986	-	557	22	5	5	5	5	23%	23%	23%	23%	P	P	P	P	
b2196	ccmF	2290983	2292926	-	1943	78	21	21	21	21	27%	27%	27%	27%	P	P	P	P	
b2197	ccmE	2292923	2293402	-	479	19	16	16	16	16	84%	84%	84%	84%	P	P	P	P	
b2198	ccmD	2293399	2293608	-	209	8	4	4	4	4	50%	50%	50%	50%	P	P	P	P	
b2199	ccmC	2293605	2294342	-	737	30	15	15	15	15	50%	50%	50%	50%	P	P	P	P	
b2200	ccmB	2294384	2295046	-	662	27	5	5	5	5	19%	19%	19%	19%	P	P	P	P	
b2201	ccmA	2295043	2295666	-	623	25	9	10	11	11	36%	40%	44%	44%	P	P	P	P	
b2202	napC	2295679	2296281	-	602	24	9	11	12	12	38%	46%	50%	50%	P	P	P	P	
b2203	napB	2296291	2296740	-	449	18	1	2	2	2	6%	11%	11%	11%	P	P	P	P	
b2204	napH	2296737	2297600	-	863	35	1	1	2	2	3%	3%	6%	6%	P	P	P	P	
b2205	napG	2297587	2298282	-	695	28	1	1	2	2	4%	4%	7%	7%	P	P	P	P	
b2206	napA	2298289	2300775	-	2486	99	6	8	8	8	6%	8%	8%	8%	P	P	P	P	
b2207	napD	2300772	2301035	-	263	10	1	1	1	2	10%	10%	10%	20%	P	P	P	P	
b2208	napF	2301025	2301519	-	494	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2210	mgo	2303130	2304776	-	1646	66	65	65	65	65	98%	98%	98%	98%	P	P	P	P	
b2211	yojI	2304994	2306637	-	1643	66	62	62	62	62	94%	94%	94%	94%	P	P	P	P	U
b2212	alkB	2306713	2307363	-	650	26	4	4	13	13	15%	15%	50%	50%	P	P	P	P	
b2213	ada	2307363	2308427	-	1064	43	17	17	41	41	40%	40%	95%	95%	P	P	P	P	
b2214	apbE	2308501	2309556	-	1055	42	10	10	10	10	24%	24%	24%	24%	P	P	P	P	U
b2215	ompC	2309668	2310771	-	1103	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b2218	rscC	2315049	2317898	-	2849	114	102	102	102	102	89%	89%	89%	89%	P	P	P	P	
b2225	yfaP	2325389	2326165	-	776	31	0	0	10	10	0%	0%	32%	32%	A	A	P	P	U
b2226	yfaQ	2326170	2327819	-	1649	66	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b4500	yfaS	2327820	2332424	-	4604	184	0	0	1	1	0%	0%	1%	1%	A	A	P	P	U
b2229	yfaT	2332358	2332981	-	623	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2230	yfaA	2332978	2334666	-	1688	67	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2231	gyrA	2334815	2337442	-	2627	105	105	105	105	105	100%	100%	100%	100%	P	P	P	P	
b2233	yfaL	2338439	2342191	-	3752	150	50	52	54	55	33%	35%	36%	37%	P	P	P	P	

b4605	ypaB	2342616	2342759	-	143	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2237	inaA	2346844	2347494	-	650	26	20	20	21	22	77%	77%	81%	85%	P	P	P	P	U
b2239	glpQ	2347957	2349033	-	1076	43	25	28	29	31	58%	65%	67%	72%	P	P	P	P	
b2240	glpT	2349038	2350396	-	1358	54	11	12	13	15	20%	22%	24%	28%	P	P	P	P	
b2245	yfaU	2356064	2356867	-	803	32	0	7	8	8	0%	22%	25%	25%	A	P	P	P	U
b2246	yfaV	2356885	2358174	-	1289	51	0	3	4	4	0%	6%	8%	8%	A	P	P	P	U
b2247	yfaW	2358231	2359448	-	1217	48	0	0	9	10	0%	0%	19%	21%	A	A	P	P	U
b2248	yfaX	2359451	2360233	-	782	32	0	0	3	4	0%	0%	9%	13%	A	A	P	P	U
b2249	yfaY	2360453	2361655	-	1202	49	36	36	36	37	73%	73%	73%	76%	P	P	P	P	U
b2250	yfaZ	2361755	2362297	-	542	21	13	13	14	14	62%	62%	67%	67%	P	P	P	P	U
b2252	ais	2363040	2363642	-	602	24	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2259	pmrD	2371294	2371560	-	266	11	10	11	11	11	91%	100%	100%	100%	P	P	P	P	
b2260	menE	2371670	2373025	-	1355	54	33	33	33	34	61%	61%	61%	63%	P	P	P	P	
b2261	menC	2373022	2373984	-	962	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b2262	menB	2373984	2374841	-	857	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	
b2263	yfbB	2374856	2375614	-	758	30	19	19	19	19	63%	63%	63%	63%	P	P	P	P	U
b2264	menD	2375611	2377281	-	1670	67	57	57	57	57	85%	85%	85%	85%	P	P	P	P	
b2265	menF	2377370	2378665	-	1295	52	49	49	49	49	94%	94%	94%	94%	P	P	P	P	
b2266	elaB	2378744	2379049	-	305	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b2267	elaA	2379104	2379565	-	461	19	18	18	18	19	95%	95%	95%	100%	P	P	P	P	U
b2270	yfbK	2382017	2383744	-	1727	69	0	0	0	9	0%	0%	0%	13%	A	A	A	P	U
b2273	yfbN	2385732	2386448	-	716	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2276	nuoN	2388070	2389527	-	1457	58	58	58	58	58	100%	100%	100%	100%	P	P	P	P	
b2277	nuoM	2389534	2391063	-	1529	61	61	61	61	61	100%	100%	100%	100%	P	P	P	P	
b2278	nuoL	2391227	2393068	-	1841	74	74	74	74	74	100%	100%	100%	100%	P	P	P	P	
b2279	nuoK	2393065	2393367	-	302	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b2280	nuoJ	2393364	2393918	-	554	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b2281	nuoI	2393930	2394472	-	542	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b2282	nuoH	2394487	2395464	-	977	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b2283	nuoG	2395461	2398187	-	2726	109	109	109	109	109	100%	100%	100%	100%	P	P	P	P	
b2284	nuoF	2398240	2399577	-	1337	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	
b2285	nuoE	2399574	2400074	-	500	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b2286	nuoC	2400077	2401867	-	1790	72	72	72	72	72	100%	100%	100%	100%	P	P	P	P	
b2287	nuoB	2401973	2402635	-	662	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b2288	nuoA	2402651	2403094	-	443	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b2289	lrhA	2403725	2404663	-	938	37	36	36	36	36	97%	97%	97%	97%	P	P	P	P	
b2292	yfbS	2407542	2409374	-	1832	74	12	14	16	37	16%	19%	22%	50%	P	P	P	P	U
b2293	yfbT	2409461	2410111	-	650	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b2294	yfbU	2410122	2410616	-	494	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	U
b2295	yfbV	2410699	2411154	-	455	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	U
b2299	yfcD	2416656	2417198	-	542	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b2300	yfcE	2417256	2417810	-	554	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b2301	yfcF	2417863	2418507	-	644	26	21	21	21	21	81%	81%	81%	81%	P	P	P	P	U
b2305	yfcI	2420671	2421561	-	890	36	8	15	18	21	22%	42%	50%	58%	P	P	P	P	U
b2306	hisP	2421758	2422531	-	773	31	29	29	29	30	94%	94%	94%	97%	P	P	P	P	
b2307	hisM	2422539	2423255	-	716	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	

b2308	hisQ	2423252	2423938	-	686	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b2309	hisJ	2424028	2424810	-	782	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b2310	argT	2425031	2425813	-	782	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b2311	ubiX	2426079	2426648	-	569	23	19	19	19	19	83%	83%	83%	83%	P	P	P	P	
b2312	purF	2426743	2428260	-	1517	61	61	61	61	61	100%	100%	100%	100%	P	P	P	P	
b2313	cvpA	2428297	2428785	-	488	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b2314	dedD	2429044	2429706	-	662	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	U
b2315	folC	2429696	2430964	-	1268	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b2316	accD	2431034	2431948	-	914	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b2317	dedA	2432104	2432763	-	659	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b2318	truA	2432846	2433658	-	812	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b2319	usg	2433658	2434671	-	1013	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	U
b2320	pdxB	2434737	2435873	-	1136	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b2322	yfcJ	2436964	2438142	-	1178	47	0	1	1	1	0%	2%	2%	2%	A	P	P	P	U
b2323	fabB	2438407	2439627	-	1220	49	49	49	49	49	100%	100%	100%	100%	P	P	P	P	
b2325	yfcL	2441913	2442191	-	278	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b2326	yfcM	2442225	2442773	-	548	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b2327	yfcA	2442773	2443582	-	809	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b2328	mepA	2443582	2444406	-	824	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b2329	aroC	2444410	2445495	-	1085	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b2330	prmB	2445530	2446462	-	932	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b2332	yfcO	2447250	2448071	-	821	32	15	20	30	30	47%	63%	94%	94%	P	P	P	P	U
b2333	yfcP	2448073	2448612	-	539	22	0	2	2	2	0%	9%	9%	9%	A	P	P	P	U
b2334	yfcQ	2448609	2449097	-	488	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2335	yfcR	2449094	2449606	-	512	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2336	yfcS	2449606	2450358	-	752	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4661	yfcU	2450378	2453023	-	2645	106	8	13	14	14	8%	12%	13%	13%	P	P	P	P	U
b2339	yfcV	2453105	2453668	-	563	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2340	sixA	2454349	2454834	-	485	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b2341	fadJ	2455037	2457181	-	2144	86	67	67	81	81	78%	78%	94%	94%	P	P	P	P	
b2342	fadI	2457181	2458491	-	1310	52	20	20	49	49	38%	38%	94%	94%	P	P	P	P	
b2343	yfcZ	2458672	2458956	-	284	12	11	12	12	12	92%	100%	100%	100%	P	P	P	P	U
b2346	vacJ	2462274	2463029	-	755	31	29	29	29	29	94%	94%	94%	94%	P	P	P	P	U
b2354	yfdK	2469099	2469539	-	440	18	0	3	3	3	0%	17%	17%	17%	A	P	P	P	U
b2355	yfdL	2469566	2470144	-	578	23	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2356	yfdM	2470140	2470409	-	269	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2357	yfdN	2470409	2470903	-	494	20	0	1	1	1	0%	5%	5%	5%	A	P	P	P	U
b2358	yfdO	2470900	2471346	-	446	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2364	dsdC	2474716	2475651	-	935	37	12	12	14	14	32%	32%	38%	38%	P	P	P	P	
b2367	emrY	2478660	2480198	-	1538	61	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2368	emrK	2480198	2481361	-	1163	47	0	0	10	10	0%	0%	21%	21%	A	A	P	P	
b2371	yfdE	2486045	2487190	-	1145	46	0	1	9	9	0%	2%	20%	20%	A	P	P	P	U
b2372	yfdV	2487264	2488208	-	944	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2373	oxc	2488278	2489972	-	1694	68	0	10	10	10	0%	15%	15%	15%	A	P	P	P	U
b2374	frc	2490026	2491276	-	1250	50	0	3	3	3	0%	6%	6%	6%	A	P	P	P	
b2375	yfdX	2491789	2492424	-	635	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b2377	yfdY	2493072	2493314	-	242	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U
G0-8906	tpke70	2494216	2494651	-	435	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2379	yfdZ	2495079	2496317	-	1238	50	48	48	48	48	96%	96%	96%	96%	P	P	P	P	
b2383	fryA	2500012	2502507	-	2495	100	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2384	ypdE	2502532	2503569	-	1037	41	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2385	ypdF	2503569	2504654	-	1085	44	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2386	fryC	2504669	2505916	-	1247	50	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2387	fryB	2505938	2506264	-	326	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2388	glk	2506483	2507448	-	965	38	34	34	34	34	89%	89%	89%	89%	P	P	P	P	
b2392	mntH	2509490	2510728	-	1238	49	47	47	49	49	96%	96%	100%	100%	P	P	P	P	
b2395	yfeA	2513665	2515854	-	2189	88	68	68	69	69	77%	77%	78%	78%	P	P	P	P	U
b2396	alaX	2516063	2516138	-	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2397	alaW	2516178	2516253	-	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2400	gltX	2517279	2518694	-	1415	57	55	55	55	55	96%	96%	96%	96%	P	P	P	P	
b2405	xapR	2519615	2520499	-	884	35	12	15	15	17	34%	43%	43%	49%	P	P	P	P	
b2406	xapB	2520751	2522007	-	1256	51	0	0	5	6	0%	0%	10%	12%	A	A	P	P	
b2407	xapA	2522067	2522900	-	833	33	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b2409	yfeR	2523952	2524878	-	926	37	8	9	9	9	22%	24%	24%	24%	P	P	P	P	U
b4546	ypeB	2525963	2526181	-	218	9	2	2	2	2	22%	22%	22%	22%	P	P	P	P	U
b2411	ligA	2526183	2528198	-	2015	80	79	79	79	79	99%	99%	99%	99%	P	P	P	P	
b2412	zipA	2528269	2529255	-	986	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b2418	pdxK	2534408	2535259	-	851	34	32	32	32	33	94%	94%	94%	97%	P	P	P	P	
b2421	cysM	2536694	2537605	-	911	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b2422	cysA	2537739	2538836	-	1097	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b2423	cysW	2538826	2539701	-	875	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b2424	cysU	2539701	2540534	-	833	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	
b2425	cysP	2540534	2541550	-	1016	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b2426	ucpA	2541854	2542645	-	791	32	28	28	31	31	88%	88%	97%	97%	P	P	P	P	U
b2427	yfeT	2542774	2543631	-	857	34	0	1	1	2	0%	3%	3%	6%	A	P	P	P	U
b2431	yfeX	2547668	2548567	-	899	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	U
b2432	yfeY	2548663	2549238	-	575	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b2433	yfeZ	2549299	2549748	-	449	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	U
b2434	ypeA	2549735	2550160	-	425	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	U
b2437	eutR	2552152	2553204	-	1052	42	7	8	9	9	17%	19%	21%	21%	P	P	P	P	U
b2438	eutK	2553250	2553750	-	500	20	9	9	9	9	45%	45%	45%	45%	P	P	P	P	U
b2439	eutL	2553763	2554422	-	659	26	24	24	24	24	92%	92%	92%	92%	P	P	P	P	U
b2440	eutC	2554432	2555319	-	887	36	31	31	31	31	86%	86%	86%	86%	P	P	P	P	
b2441	eutB	2555340	2556701	-	1361	54	48	48	48	48	89%	89%	89%	89%	P	P	P	P	
b2451	eutA	2563503	2564906	-	1403	56	0	0	1	1	0%	0%	2%	2%	A	A	P	P	
b2452	eutH	2564903	2566129	-	1226	49	0	0	6	6	0%	0%	12%	12%	A	A	P	P	U
b2453	eutG	2566346	2567533	-	1187	47	0	0	3	3	0%	0%	6%	6%	A	A	P	P	U
b2454	eutJ	2567523	2568359	-	836	33	0	0	1	2	0%	0%	3%	6%	A	A	P	P	U
b2455	eutE	2568370	2569773	-	1403	56	0	0	2	3	0%	0%	4%	5%	A	A	P	P	U
b2456	eutN	2569785	2570072	-	287	12	0	0	2	2	0%	0%	17%	17%	A	A	P	P	U
b2457	eutM	2570179	2570472	-	293	12	0	0	0	1	0%	0%	0%	8%	A	A	A	P	U
b2458	eutD	2570511	2571527	-	1016	41	0	0	5	6	0%	0%	12%	15%	A	A	P	P	U

b2459	eutT	2571524	2572327	-	803	32	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b2460	eutQ	2572324	2573025	-	701	28	0	0	1	1	0%	0%	4%	4%	A	A	P	P	U
b2461	eutP	2573000	2573479	-	479	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2462	eutS	2573492	2573827	-	335	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2463	maeB	2574120	2576399	-	2279	91	91	91	91	91	100%	100%	100%	100%	P	P	P	P	U
b2466	ypfG	2579756	2580799	-	1043	42	1	13	13	13	2%	31%	31%	31%	P	P	P	P	U
b2467	nudK	2580925	2581500	-	575	23	17	17	17	17	74%	74%	74%	74%	P	P	P	P	U
b2468	aegA	2581568	2583547	-	1979	79	0	4	6	6	0%	5%	8%	8%	A	P	P	P	U
b4606	ypfM	2588829	2588888	-	59	3	2	2	3	3	67%	67%	100%	100%	P	P	P	P	U
b2473	ypfH	2591094	2591792	-	698	28	21	21	22	23	75%	75%	79%	82%	P	P	P	P	U
b2474	ypfI	2591866	2593881	-	2015	80	73	73	73	73	91%	91%	91%	91%	P	P	P	P	U
b2475	ypfJ	2593896	2594759	-	863	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	U
b2476	purC	2594927	2595640	-	713	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b2477	bamC	2595853	2596887	-	1034	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	U
b2478	dapA	2596904	2597782	-	878	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	U
b2493	yfgO	2612842	2613903	-	1061	42	41	41	41	41	98%	98%	98%	98%	P	P	P	P	U
b2496	hda	2616097	2616843	-	746	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	U
b2497	uraA	2616893	2618182	-	1289	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	U
b2498	upp	2618268	2618894	-	626	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	U
b2503	yfgF	2624717	2626960	-	2243	90	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2507	guaA	2628980	2630557	-	1577	63	63	63	63	63	100%	100%	100%	100%	P	P	P	P	U
b2508	guaB	2630626	2632092	-	1466	59	59	59	59	59	100%	100%	100%	100%	P	P	P	P	U
b2510	yfgJ	2633621	2633836	-	215	9	5	5	5	5	56%	56%	56%	56%	P	P	P	P	U
b2511	der	2633906	2635378	-	1472	59	59	59	59	59	100%	100%	100%	100%	P	P	P	P	U
b2512	bamB	2635496	2636674	-	1178	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	U
b2513	yfgM	2636685	2637305	-	620	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	U
b2514	hisS	2637323	2638597	-	1274	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	U
G0-9385	sroE	2638617	2638708	-	91	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	U
b2515	ispG	2638708	2639826	-	1118	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	U
b2516	yfgA	2639853	2640866	-	1013	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	U
b2517	rlmN	2641151	2642305	-	1154	47	45	45	45	45	96%	96%	96%	96%	P	P	P	P	U
b2518	ndk	2642455	2642886	-	431	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	U
b2519	pbpC	2643035	2645347	-	2312	92	17	17	19	19	18%	18%	21%	21%	P	P	P	P	U
b2520	yfhM	2645348	2650309	-	4961	199	186	186	189	190	93%	93%	95%	95%	P	P	P	P	U
G0-8907	C0614	2651474	2651560	-	86	4	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2522	sseB	2652179	2652955	-	776	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	U
b2523	pepB	2653097	2654380	-	1283	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	U
b2524	iscX	2654558	2654758	-	200	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b2525	fdx	2654770	2655105	-	335	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b2526	hscA	2655107	2656957	-	1850	74	73	73	73	73	99%	99%	99%	99%	P	P	P	P	U
b2527	hscB	2656974	2657489	-	515	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	U
b2528	iscA	2657585	2657908	-	323	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b2529	iscU	2657925	2658311	-	386	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b2530	iscS	2658339	2659553	-	1214	49	49	49	49	49	100%	100%	100%	100%	P	P	P	P	U
b2531	iscR	2659665	2660153	-	488	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	U
b2532	trmJ	2660605	2661345	-	740	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U

b2536	hcaT	2664729	2665868	-	1139	45	16	16	16	16	36%	36%	36%	36%	P	P	P	P	U
b2537	hcaR	2666028	2666918	-	890	35	29	29	29	29	83%	83%	83%	83%	P	P	P	P	
b2544	yphB	2671838	2672710	-	872	35	4	6	6	6	11%	17%	17%	17%	P	P	P	P	U
b2545	yphC	2672722	2673783	-	1061	43	6	15	17	17	14%	35%	40%	40%	P	P	P	P	U
b2546	yphD	2673849	2674847	-	998	40	2	10	10	10	5%	25%	25%	25%	P	P	P	P	U
b2547	yphE	2674872	2676383	-	1511	61	0	9	9	9	0%	15%	15%	15%	A	P	P	P	U
b2548	yphF	2676406	2677389	-	983	39	0	5	6	6	0%	13%	15%	15%	A	P	P	P	U
b2549	yphG	2677486	2680767	-	3281	131	0	2	8	9	0%	2%	6%	7%	A	P	P	P	U
b2551	glyA	2682276	2683529	-	1253	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b2553	glnB	2685092	2685430	-	338	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b2554	yfhA	2685491	2686825	-	1334	53	49	49	49	49	92%	92%	92%	92%	P	P	P	P	U
b2555	yfhG	2686815	2687528	-	713	29	28	28	28	28	97%	97%	97%	97%	P	P	P	P	U
b2556	yfhK	2687693	2689120	-	1427	57	29	30	31	31	51%	53%	54%	54%	P	P	P	P	U
b4441	glmY	2689179	2689362	-	183	7	6	6	6	6	86%	86%	86%	86%	P	P	P	P	
b2557	purL	2689678	2693565	-	3887	155	155	155	155	155	100%	100%	100%	100%	P	P	P	P	
b2559	tadA	2695376	2695879	-	503	21	20	20	20	20	95%	95%	95%	95%	P	P	P	P	
b2560	yfhB	2695937	2696572	-	635	25	24	24	24	25	96%	96%	96%	100%	P	P	P	P	U
b4607	ryfB	2698081	2698399	-	318	12	7	7	7	7	58%	58%	58%	58%	P	P	P	P	U
b2563	acpS	2698640	2699020	-	380	15	13	13	13	13	87%	87%	87%	87%	P	P	P	P	
b2564	pdxJ	2699020	2699751	-	731	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b2565	recO	2699763	2700491	-	728	30	29	29	29	29	97%	97%	97%	97%	P	P	P	P	
b2566	era	2700503	2701408	-	905	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b2567	rnc	2701405	2702085	-	680	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b2568	lepB	2702357	2703331	-	974	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b2569	lepA	2703347	2705146	-	1799	72	72	72	72	72	100%	100%	100%	100%	P	P	P	P	
b2570	rseC	2705344	2705823	-	479	19	18	18	18	18	95%	95%	95%	95%	P	P	P	P	
b2571	rseB	2705820	2706776	-	956	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b2572	rseA	2706776	2707426	-	650	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b2573	rpoE	2707459	2708034	-	575	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b2575	yfiC	2710049	2710786	-	737	29	23	23	23	23	79%	79%	79%	79%	P	P	P	P	U
b2577	yfiE	2712461	2713342	-	881	36	9	24	24	24	25%	67%	67%	67%	P	P	P	P	U
b2579	yfiD	2714088	2714471	-	383	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b2581	yfiF	2715513	2716550	-	1037	42	39	39	39	39	93%	93%	93%	93%	P	P	P	P	U
b2587	kgfP	2722470	2723768	-	1298	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b2588	rrfG	2724091	2724210	-	119	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b2589	rrlG	2724303	2727206	-	2903	116	116	116	116	116	100%	100%	100%	100%	P	P	P	P	
b2590	gltW	2727391	2727466	-	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2591	rrsG	2727638	2729179	-	1541	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b2592	clpB	2729622	2732195	-	2573	103	103	103	103	103	100%	100%	100%	100%	P	P	P	P	
b4609	ryfD	2732175	2732317	-	142	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	U
b2593	yfiH	2732325	2733056	-	731	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b2594	rluD	2733053	2734033	-	980	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b2600	tyrA	2736970	2738091	-	1121	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b2601	aroF	2738102	2739172	-	1070	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b2606	rplS	2742205	2742552	-	347	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b2607	trmD	2742594	2743361	-	767	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	

b2608	rimM	2743392	2743940	-	548	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b2609	rpsP	2743959	2744207	-	248	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b2610	ffh	2744456	2745817	-	1361	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	
b2614	grpE	2748137	2748730	-	593	24	23	24	24	24	96%	100%	100%	100%	P	P	P	P	
b2618	yfjF	2752030	2752320	-	290	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b2619	yfjG	2752310	2752786	-	476	19	18	18	18	18	95%	95%	95%	95%	P	P	P	P	U
b2623	yfjH	2755666	2756622	-	956	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2627	yfjK	2759373	2761562	-	2189	88	66	66	67	70	75%	75%	76%	80%	P	P	P	P	U
b2628	yfjL	2761559	2763175	-	1616	65	62	62	62	64	95%	95%	95%	98%	P	P	P	P	U
b2629	yfjM	2763535	2763798	-	263	11	0	1	1	1	0%	9%	9%	9%	A	P	P	P	U
b2638	yfjU	2770024	2770176	-	152	6	1	1	1	1	17%	17%	17%	17%	P	P	P	P	U
b2641	yfjV	2770189	2771204	-	1015	41	14	15	15	16	34%	37%	37%	39%	P	P	P	P	U
b2647	ypjA	2776168	2780748	-	4580	184	54	82	95	95	29%	45%	52%	52%	P	P	P	P	
b2648	pinH	2781087	2781326	-	239	10	0	1	1	1	0%	10%	10%	10%	A	P	P	P	U
b2650	ypjC	2781660	2783033	-	1373	55	2	2	2	2	4%	4%	4%	4%	P	P	P	P	U
b2652	ileY	2783784	2783859	-	75	3	2	2	2	2	67%	67%	67%	67%	P	P	P	P	
b2665	ygaU	2794359	2794808	-	449	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	U
b2666	yqaE	2794892	2795050	-	158	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	U
b2669	stpA	2796113	2796517	-	404	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b2671	ygaC	2797672	2798016	-	344	14	6	13	14	14	43%	93%	100%	100%	P	P	P	P	U
b2687	luxS	2812240	2812755	-	515	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b2688	gshA	2812905	2814461	-	1556	63	63	63	63	63	100%	100%	100%	100%	P	P	P	P	
b2689	yqaA	2814534	2814962	-	428	17	16	16	16	17	94%	94%	94%	100%	P	P	P	P	U
b2690	yqaB	2814959	2815525	-	566	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b2691	argQ	2815806	2815882	-	76	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b2692	argZ	2816081	2816157	-	76	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b2693	argY	2816220	2816296	-	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2694	argV	2816495	2816571	-	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2695	serV	2816575	2816667	-	92	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b2696	csrA	2816983	2817168	-	185	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	
b2697	alaS	2817403	2820033	-	2630	106	106	106	106	106	100%	100%	100%	100%	P	P	P	P	
b2698	recX	2820161	2820661	-	500	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2699	recA	2820730	2821791	-	1061	43	41	41	41	41	95%	95%	95%	95%	P	P	P	P	
b2700	ygaD	2821871	2822368	-	497	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	U
b2701	mltB	2822513	2823598	-	1085	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b2709	norR	2828797	2830311	-	1514	61	32	52	52	52	52%	85%	85%	85%	P	P	P	P	
b2712	hypF	2833195	2835447	-	2252	90	11	13	14	16	12%	14%	16%	18%	P	P	P	P	
b2713	hydN	2835600	2836127	-	527	21	0	0	1	1	0%	0%	5%	5%	A	A	P	P	
b2714	ascG	2836276	2837289	-	1013	41	39	39	39	39	95%	95%	95%	95%	P	P	P	P	
b2717	hycI	2840595	2841065	-	470	19	12	13	17	18	63%	68%	89%	95%	P	P	P	P	
b2718	hycH	2841058	2841468	-	410	16	4	4	6	6	25%	25%	38%	38%	P	P	P	P	
b2719	hycG	2841465	2842232	-	767	31	5	6	6	6	16%	19%	19%	19%	P	P	P	P	
b2720	hycF	2842232	2842774	-	542	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2721	hycE	2842784	2844493	-	1709	68	0	0	5	5	0%	0%	7%	7%	A	A	P	P	
b2722	hycD	2844511	2845434	-	923	37	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2723	hycC	2845437	2847263	-	1826	73	0	0	3	3	0%	0%	4%	4%	A	A	P	P	

b2724	hycB	2847260	2847871	-	611	24	0	0	3	3	0%	0%	13%	13%	A	A	P	P	
b2725	hycA	2847996	2848457	-	461	19	0	0	1	1	0%	0%	5%	5%	A	A	P	P	
b2732	ygbA	2854475	2854828	-	353	14	0	0	12	12	0%	0%	86%	86%	A	A	P	P	U
b2735	ygbI	2858489	2859286	-	797	32	25	25	25	25	78%	78%	78%	78%	P	P	P	P	U
b2741	rpoS	2864581	2865573	-	992	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b2742	nlpD	2865636	2866775	-	1139	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	U
b2743	pcm	2866915	2867541	-	626	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b2744	surE	2867535	2868296	-	761	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b2745	truD	2868277	2869326	-	1049	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b2746	ispF	2869323	2869802	-	479	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b2747	ispD	2869802	2870512	-	710	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b2748	ftsB	2870531	2870842	-	311	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b2749	ygbE	2871036	2871359	-	323	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b2750	cysC	2871409	2872014	-	605	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b2751	cysN	2872014	2873441	-	1427	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	
b2752	cysD	2873443	2874351	-	908	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b2754	ygbF	2876591	2876875	-	284	11	6	8	8	8	55%	73%	73%	73%	P	P	P	P	U
b2755	ygbT	2876877	2877794	-	917	37	14	20	20	22	38%	54%	54%	59%	P	P	P	P	U
b2756	ygcH	2877810	2878409	-	599	24	9	14	14	16	38%	58%	58%	67%	P	P	P	P	U
b2757	ygcI	2878396	2879070	-	674	27	9	14	14	16	33%	52%	52%	59%	P	P	P	P	U
b2758	ygcJ	2879073	2880164	-	1091	44	0	0	0	1	0%	0%	0%	2%	A	A	A	P	U
b2759	ygcK	2880177	2880659	-	482	20	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2760	ygcL	2880652	2882160	-	1508	60	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2761	ygcB	2882575	2885241	-	2666	107	0	1	29	31	0%	1%	27%	29%	A	P	P	P	U
b2762	cysH	2885600	2886334	-	734	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b2763	cysI	2886409	2888121	-	1712	68	68	68	68	68	100%	100%	100%	100%	P	P	P	P	
b2764	cysJ	2888121	2889920	-	1799	72	72	72	72	72	100%	100%	100%	100%	P	P	P	P	
b2769	ygcQ	2892941	2893801	-	860	34	0	2	3	3	0%	6%	9%	9%	A	P	P	P	U
b2770	ygcR	2893798	2894577	-	779	31	0	1	1	1	0%	3%	3%	3%	A	P	P	P	U
b2771	ygcS	2894555	2895892	-	1337	53	0	0	4	4	0%	0%	8%	8%	A	A	P	P	U
b4463	ygcU	2895986	2897440	-	1454	58	0	0	2	2	0%	0%	3%	3%	A	A	P	P	U
b2774	ygcW	2897510	2898295	-	785	31	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b2777	ygcF	2902769	2903440	-	671	27	24	25	26	26	89%	93%	96%	96%	P	P	P	P	U
b2779	eno	2904665	2905963	-	1298	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b2780	pyrG	2906051	2907688	-	1637	66	66	66	66	66	100%	100%	100%	100%	P	P	P	P	
b2781	mazG	2907916	2908707	-	791	31	29	29	29	29	94%	94%	94%	94%	P	P	P	P	
b2782	chpA	2908778	2909113	-	335	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	
b2783	chpR	2909113	2909361	-	248	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b2784	relA	2909439	2911673	-	2234	89	89	89	89	89	100%	100%	100%	100%	P	P	P	P	
b2785	rumA	2911721	2913022	-	1301	52	50	50	50	50	96%	96%	96%	96%	P	P	P	P	
b2787	gudD	2916067	2917407	-	1340	53	0	10	18	21	0%	19%	34%	40%	A	P	P	P	
b2788	gudX	2917428	2918768	-	1340	54	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2789	gudP	2918770	2920122	-	1352	54	0	3	5	5	0%	6%	9%	9%	A	P	P	P	U
b2790	yqcA	2920557	2921006	-	449	18	16	16	16	16	89%	89%	89%	89%	P	P	P	P	U
b2791	truC	2921024	2921806	-	782	31	29	29	29	29	94%	94%	94%	94%	P	P	P	P	
b2792	yqcC	2921806	2922135	-	329	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U

b4408	csrB	2922178	2922537	-	359	14	13	13	13	13	93%	93%	93%	93%	P	P	P	P	
b2793	syd	2922757	2923302	-	545	22	20	20	20	20	91%	91%	91%	91%	P	P	P	P	U
b2799	fucO	2929887	2931038	-	1151	46	11	25	25	25	24%	54%	54%	54%	P	P	P	P	
b2800	fucA	2931063	2931710	-	647	26	2	6	7	7	8%	23%	27%	27%	P	P	P	P	
b2806	ygdE	2938165	2939265	-	1100	44	39	39	40	40	89%	89%	91%	91%	P	P	P	P	U
b2807	ygdD	2939258	2939653	-	395	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b2808	gcvA	2939672	2940589	-	917	37	34	34	34	34	92%	92%	92%	92%	P	P	P	P	
b2809	ygdI	2940940	2941167	-	227	9	6	9	9	9	67%	100%	100%	100%	P	P	P	P	U
b2812	ygdL	2943058	2943864	-	806	32	31	31	32	32	97%	97%	100%	100%	P	P	P	P	U
b2813	mltA	2944103	2945200	-	1097	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b2817	amiC	2945779	2947032	-	1253	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b2819	recD	2948657	2950483	-	1826	73	58	58	58	59	79%	79%	79%	81%	P	P	P	P	
b2820	recB	2950483	2954025	-	3542	142	138	138	138	138	97%	97%	97%	97%	P	P	P	P	
b2821	ptrA	2954018	2956906	-	2888	116	106	106	106	107	91%	91%	91%	92%	P	P	P	P	
b2822	recC	2957082	2960450	-	3368	135	115	115	115	115	85%	85%	85%	85%	P	P	P	P	
b2823	ppdC	2960463	2960786	-	323	13	2	4	4	4	15%	31%	31%	31%	P	P	P	P	U
b2824	ygdB	2960771	2961178	-	407	17	0	1	1	1	0%	6%	6%	6%	A	P	P	P	U
b2825	ppdB	2961175	2961738	-	563	23	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2826	ppdA	2961729	2962199	-	470	18	0	1	2	2	0%	6%	11%	11%	A	P	P	P	U
b2827	thyA	2962383	2963177	-	794	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b2828	lgt	2963184	2964059	-	875	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b2829	ptsP	2964210	2966456	-	2246	90	88	88	88	88	98%	98%	98%	98%	P	P	P	P	
b2830	rppH	2966469	2966999	-	530	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b4610	ygdT	2967352	2967498	-	146	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2835	lplT	2970691	2971884	-	1193	48	36	36	39	39	75%	75%	81%	81%	P	P	P	P	U
b2836	aas	2971877	2974036	-	2159	87	76	76	76	77	87%	87%	87%	89%	P	P	P	P	
b4444	omrA	2974124	2974211	-	87	4	1	1	2	2	25%	25%	50%	50%	P	P	P	P	
b4445	omrB	2974332	2974407	-	75	3	1	1	1	2	33%	33%	33%	67%	P	P	P	P	
b2838	lysA	2975659	2976921	-	1262	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b2840	ygeA	2977965	2978657	-	692	28	27	27	27	27	96%	96%	96%	96%	P	P	P	P	U
b2841	araE	2978786	2980204	-	1418	57	9	9	17	18	16%	16%	30%	32%	P	P	P	P	
b2842	kduD	2980519	2981280	-	761	31	14	16	17	18	45%	52%	55%	58%	P	P	P	P	
b2843	kduI	2981310	2982146	-	836	33	1	1	3	4	3%	3%	9%	12%	P	P	P	P	U
b2844	yqeF	2982433	2983614	-	1181	47	40	40	40	40	85%	85%	85%	85%	P	P	P	P	U
b2849	yqeK	2987957	2988382	-	425	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2856	ygeK	2992482	2993114	-	632	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2858	ygeN	2993336	2994042	-	706	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2859	ygeO	2993984	2994382	-	398	16	0	1	1	1	0%	6%	6%	6%	A	P	P	P	U
b2860	insD	2994394	2995299	-	905	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b2861	insC	2995257	2995622	-	365	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b2863	ygeQ	2995714	2996850	-	1136	46	0	12	14	14	0%	26%	30%	30%	A	P	P	P	U
b2864	glyU	2997006	2997079	-	73	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b2865	ygeR	2997158	2997913	-	755	30	25	25	25	25	83%	83%	83%	83%	P	P	P	P	
b2869	ygeV	3002030	3003808	-	1778	71	0	2	61	61	0%	3%	86%	86%	A	P	P	P	U
b2875	yqeB	3010636	3012261	-	1625	65	2	3	12	63	3%	5%	18%	97%	P	P	P	P	U
b2876	yqeC	3012309	3013079	-	770	31	0	1	1	12	0%	3%	3%	39%	A	P	P	P	U

b2886	ygfS	3026546	3027034	-	488	20	0	2	4	4	0%	10%	20%	20%	A	P	P	P	U
b2887	ygfT	3027034	3028953	-	1919	77	0	2	5	5	0%	3%	6%	6%	A	P	P	P	U
b2890	lysS	3031679	3033196	-	1517	60	56	56	56	56	93%	93%	93%	93%	P	P	P	P	
b2891	prfB	3033206	3034304	-	1098	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b2892	recJ	3034395	3036128	-	1733	70	69	69	69	69	99%	99%	99%	99%	P	P	P	P	
b2893	dsbC	3036134	3036844	-	710	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b2894	xerD	3036869	3037765	-	896	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b2896	ygfX	3038438	3038845	-	407	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b2897	ygfY	3038826	3039092	-	266	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b2899	yqfA	3040511	3041170	-	659	26	21	25	25	25	81%	96%	96%	96%	P	P	P	P	U
b2900	yqfB	3041334	3041645	-	311	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b2902	ygfF	3043180	3043923	-	743	29	19	19	19	19	66%	66%	66%	66%	P	P	P	P	U
b2903	gcvP	3044190	3047063	-	2873	115	114	114	114	114	99%	99%	99%	99%	P	P	P	P	
b2904	gcvH	3047182	3047571	-	389	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b2905	gcvT	3047595	3048689	-	1094	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b2906	visC	3049137	3050339	-	1202	48	46	46	46	46	96%	96%	96%	96%	P	P	P	P	U
b2907	ubiH	3050362	3051540	-	1178	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b2908	pepP	3051537	3052862	-	1325	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	
b2909	ygfB	3052888	3053466	-	578	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b2913	serA	3055200	3056432	-	1232	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b2914	rpiA	3056688	3057347	-	659	26	25	25	25	25	96%	96%	96%	96%	P	P	P	P	
b2915	yqfE	3057403	3057723	-	320	12	2	2	2	2	17%	17%	17%	17%	P	P	P	P	U
b2921	ygfI	3064299	3065195	-	896	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2922	yggE	3065362	3066102	-	740	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b2923	argO	3066195	3066830	-	635	25	20	20	21	22	80%	80%	84%	88%	P	P	P	P	
b2924	mscS	3066969	3067829	-	860	34	34	34	34	34	100%	100%	100%	100%	P	P	P	P	
b2925	fbaA	3068187	3069266	-	1079	43	42	42	42	42	98%	98%	98%	98%	P	P	P	P	
b2926	pgk	3069481	3070644	-	1163	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b2927	epd	3070694	3071713	-	1019	41	40	40	40	40	98%	98%	98%	98%	P	P	P	P	
b2928	yggC	3071998	3072711	-	713	29	28	28	28	28	97%	97%	97%	97%	P	P	P	P	U
b2929	yggD	3072708	3073217	-	509	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	U
b2930	yggF	3073239	3074204	-	965	38	0	7	12	12	0%	18%	32%	32%	A	P	P	P	U
b4465	yggP	3074201	3075478	-	1277	51	0	5	6	6	0%	10%	12%	12%	A	P	P	P	U
b2933	cmtA	3075493	3076881	-	1388	55	0	1	4	4	0%	2%	7%	7%	A	P	P	P	U
b2934	cmtB	3076909	3077352	-	443	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2935	tktA	3077666	3079657	-	1991	80	79	79	79	79	99%	99%	99%	99%	P	P	P	P	
b2937	speB	3080899	3081819	-	920	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b2938	speA	3081957	3083933	-	1976	79	79	79	79	79	100%	100%	100%	100%	P	P	P	P	
b2939	yqgB	3083942	3084073	-	131	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	U
b2941	yqgD	3084421	3084672	-	251	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2950	yggR	3092122	3093102	-	980	40	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2956	yggM	3096580	3097587	-	1007	40	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2957	ansB	3097704	3098750	-	1046	42	0	14	14	14	0%	33%	33%	33%	A	P	P	P	
b2958	yggN	3098926	3099645	-	719	28	26	26	26	27	93%	93%	93%	96%	P	P	P	P	U
b2959	yggL	3099829	3100155	-	326	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b2960	trmI	3100155	3100874	-	719	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	

b2965	speC	3105042	3107177	-	2135	85	80	80	80	82	94%	94%	94%	96%	P	P	P	P	
b2968	yghD	3108612	3109148	-	536	22	0	2	2	2	0%	9%	9%	9%	A	P	P	P	U
b2969	yghE	3109150	3110112	-	962	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2970	yghF	3110115	3110942	-	827	33	10	10	10	10	30%	30%	30%	30%	P	P	P	P	U
b2971	yghG	3111089	3111499	-	410	16	14	14	14	14	88%	88%	88%	88%	P	P	P	P	U
b2972	pppA	3111565	3112374	-	809	32	17	17	17	17	53%	53%	53%	53%	P	P	P	P	
b4466	yghJ	3112572	3117134	-	4562	182	160	160	162	162	88%	88%	89%	89%	P	P	P	P	U
b2975	glcA	3117619	3119301	-	1682	67	0	3	7	10	0%	4%	10%	15%	A	P	P	P	
b2976	glcB	3119656	3121827	-	2171	87	81	81	82	82	93%	93%	94%	94%	P	P	P	P	
b2977	glcG	3121849	3122253	-	404	16	15	15	15	15	94%	94%	94%	94%	P	P	P	P	U
b4467	glcF	3122258	3123481	-	1223	49	20	20	22	22	41%	41%	45%	45%	P	P	P	P	
b4468	glcE	3123492	3124544	-	1052	42	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2979	glcD	3124544	3126043	-	1499	60	0	0	5	5	0%	0%	8%	8%	A	A	P	P	
b2981	yghO	3127065	3128165	-	1100	44	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2983	yghQ	3129363	3130430	-	1067	43	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2984	yghR	3130476	3131234	-	758	30	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2985	yghS	3131266	3131979	-	713	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b2987	pitB	3132894	3134393	-	1499	60	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b2988	gsp	3134685	3136544	-	1859	75	69	69	69	73	92%	92%	92%	97%	P	P	P	P	
b2990	hybG	3137738	3137986	-	248	10	4	4	4	4	40%	40%	40%	40%	P	P	P	P	
b2991	hybF	3137999	3138340	-	341	14	3	3	3	3	21%	21%	21%	21%	P	P	P	P	
b2992	hybE	3138333	3138821	-	488	20	12	12	12	12	60%	60%	60%	60%	P	P	P	P	
b2993	hybD	3138814	3139308	-	494	19	17	17	17	17	89%	89%	89%	89%	P	P	P	P	U
b2994	hybC	3139308	3141011	-	1703	68	59	59	59	61	87%	87%	87%	90%	P	P	P	P	
b2995	hybB	3141008	3142186	-	1178	47	2	2	2	4	4%	4%	4%	9%	P	P	P	P	U
b2996	hybA	3142176	3143162	-	986	39	5	7	7	10	13%	18%	18%	26%	P	P	P	P	
b2997	hybO	3143165	3144283	-	1118	44	4	20	20	33	9%	45%	45%	75%	P	P	P	P	
b2998	yghW	3144472	3144759	-	287	11	0	0	0	11	0%	0%	0%	100%	A	A	A	P	U
b4658	yghX	3144878	3145713	-	835	34	15	19	29	29	44%	56%	85%	85%	P	P	P	P	U
b3002	yqhA	3146999	3147493	-	494	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	U
b3005	exbD	3148840	3149265	-	425	17	15	15	15	17	88%	88%	88%	100%	P	P	P	P	
b3006	exbB	3149272	3150006	-	734	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b3010	yqhC	3152284	3153240	-	956	38	31	32	35	35	82%	84%	92%	92%	P	P	P	P	U
b4469	ygiQ	3156949	3159168	-	2219	88	82	82	83	83	93%	93%	94%	94%	P	P	P	P	U
b3017	ftsP	3159279	3160691	-	1412	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b3018	plsC	3160766	3161503	-	737	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b3019	parC	3161737	3163995	-	2258	90	90	90	90	90	100%	100%	100%	100%	P	P	P	P	
b3020	ygiS	3164133	3165740	-	1607	64	22	23	24	24	34%	36%	38%	38%	P	P	P	P	U
b3021	ygiT	3165873	3166268	-	395	16	8	14	15	15	50%	88%	94%	94%	P	P	P	P	U
b3022	mqsR	3166270	3166566	-	296	12	11	12	12	12	92%	100%	100%	100%	P	P	P	P	U
b3023	ygiV	3166771	3167253	-	482	20	11	13	13	16	55%	65%	65%	80%	P	P	P	P	U
b3024	ygiW	3167306	3167698	-	392	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b3027	ygiZ	3169901	3170233	-	332	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3030	parE	3171526	3173418	-	1892	76	76	76	76	76	100%	100%	100%	100%	P	P	P	P	
b3031	yqiA	3173447	3174028	-	581	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	U
b3032	cpdA	3174028	3174855	-	827	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	

b3033	yqiB	3174880	3175302	-	422	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	U
b3034	nudF	3175303	3175932	-	629	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b3039	ygiD	3179641	3180456	-	815	33	0	1	2	7	0%	3%	6%	21%	A	P	P	P	U
b3041	ribB	3181835	3182488	-	653	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
G0-9387	sroG	3182592	3182740	-	148	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	
b3049	glgS	3189761	3189961	-	200	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b4447	rygD	3192745	3192887	-	142	6	5	5	5	5	83%	83%	83%	83%	P	P	P	P	U
b4611	rygE	3193121	3193262	-	141	6	5	5	5	5	83%	83%	83%	83%	P	P	P	P	U
b3052	rfaE	3193342	3194775	-	1433	57	56	56	56	56	98%	98%	98%	98%	P	P	P	P	
b3053	glnE	3194823	3197663	-	2840	114	113	113	113	113	99%	99%	99%	99%	P	P	P	P	
b3054	ygiF	3197686	3198987	-	1301	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	U
b3057	bacA	3201332	3202153	-	821	33	26	26	26	26	79%	79%	79%	79%	P	P	P	P	
b3058	folB	3202243	3202611	-	368	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b3060	ttdR	3203346	3204278	-	932	38	0	1	1	16	0%	3%	3%	42%	A	P	P	P	U
b3064	ygjD	3207552	3208565	-	1013	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	U
b3068	mug	3212989	3213495	-	506	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b3070	yqjH	3213749	3214513	-	764	31	29	29	29	29	94%	94%	94%	94%	P	P	P	P	U
b3072	aer	3215578	3217098	-	1520	60	26	26	26	26	43%	43%	43%	43%	P	P	P	P	
b3074	ygjH	3218937	3219269	-	332	13	0	2	2	2	0%	15%	15%	15%	A	P	P	P	U
b3082	ygjM	3231750	3232166	-	416	17	9	14	14	14	53%	82%	82%	82%	P	P	P	P	U
b3083	ygjN	3232163	3232477	-	314	12	4	6	6	6	33%	50%	50%	50%	P	P	P	P	U
b3084	rlmG	3232761	3233897	-	1136	45	28	28	29	29	62%	62%	64%	64%	P	P	P	P	U
b3090	ygjV	3239215	3239766	-	551	21	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3091	uxaA	3239849	3241336	-	1487	59	9	18	18	18	15%	31%	31%	31%	P	P	P	P	
b3092	uxaC	3241351	3242763	-	1412	56	18	46	46	46	32%	82%	82%	82%	P	P	P	P	
b3105	yhaJ	3251340	3252236	-	896	36	34	34	34	34	94%	94%	94%	94%	P	P	P	P	U
b4470	yhaM	3253363	3254673	-	1310	52	0	11	11	11	0%	21%	21%	21%	A	P	P	P	U
b3110	yhaO	3254701	3256032	-	1331	53	0	3	6	6	0%	6%	11%	11%	A	P	P	P	U
b4471	tdcG	3256307	3257671	-	1364	54	0	3	5	6	0%	6%	9%	11%	A	P	P	P	
b3113	tdcF	3257743	3258132	-	389	16	0	1	1	2	0%	6%	6%	13%	A	P	P	P	U
b3114	tdcE	3258146	3260440	-	2294	92	0	1	4	8	0%	1%	4%	9%	A	P	P	P	
b3115	tdcD	3260474	3261682	-	1208	49	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3116	tdcC	3261708	3263039	-	1331	53	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3117	tdcB	3263061	3264050	-	989	39	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3118	tdcA	3264149	3265087	-	938	38	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3123	rnpB	3268238	3268614	-	376	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b3124	garK	3268647	3269792	-	1145	45	21	23	30	30	47%	51%	67%	67%	P	P	P	P	
b3125	garR	3269889	3270773	-	884	36	21	23	23	24	58%	64%	64%	67%	P	P	P	P	
b3126	garL	3270809	3271579	-	770	31	0	3	4	5	0%	10%	13%	16%	A	P	P	P	
b3127	garP	3271595	3272929	-	1334	54	0	2	2	2	0%	4%	4%	4%	A	P	P	P	U
b3131	agaR	3275878	3276687	-	809	32	31	31	31	31	97%	97%	97%	97%	P	P	P	P	
b3146	yraL	3290497	3291357	-	860	34	30	30	30	30	88%	88%	88%	88%	P	P	P	P	U
b3151	yraQ	3295120	3296160	-	1040	42	37	37	38	38	88%	88%	90%	90%	P	P	P	P	U
b3152	yraR	3296233	3296868	-	635	25	12	14	24	24	48%	56%	96%	96%	P	P	P	P	U
b3154	yhbP	3297494	3297937	-	443	18	10	10	10	10	56%	56%	56%	56%	P	P	P	P	U
b3156	yhbS	3298277	3298780	-	503	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	U

b3157	yhbT	3298774	3299298	-	524	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	U
b3161	mtr	3302595	3303839	-	1244	50	23	23	23	24	46%	46%	46%	48%	P	P	P	P	
b3162	deaD	3303993	3305882	-	1889	76	76	76	76	76	100%	100%	100%	100%	P	P	P	P	
b3163	nlpI	3306062	3306946	-	884	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	U
b3164	pnp	3307055	3309190	-	2135	85	85	85	85	85	100%	100%	100%	100%	P	P	P	P	
b3165	rpsO	3309437	3309706	-	269	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	
b3166	truB	3309855	3310799	-	944	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b3167	rbfA	3310799	3311200	-	401	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b3168	infB	3311364	3314036	-	2672	107	107	107	107	107	100%	100%	100%	100%	P	P	P	P	U
b3169	nusA	3314061	3315548	-	1487	60	60	60	60	60	100%	100%	100%	100%	P	P	P	P	
b3170	yhbC	3315576	3316034	-	458	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	U
b3171	metY	3316235	3316311	-	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3173	yhbX	3318010	3319635	-	1625	65	0	0	4	5	0%	0%	6%	8%	A	A	P	P	U
b3174	leuU	3320094	3320180	-	86	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b3175	secG	3320195	3320527	-	332	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b3176	glmM	3320755	3322092	-	1337	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	
b3177	folP	3322085	3322933	-	848	34	31	31	31	31	91%	91%	91%	91%	P	P	P	P	
b3178	hflB	3323023	3324957	-	1934	77	77	77	77	77	100%	100%	100%	100%	P	P	P	P	
b3179	rrmJ	3325057	3325686	-	629	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b3181	greA	3326261	3326737	-	476	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b3183	obgE	3328604	3329776	-	1172	47	47	47	47	47	100%	100%	100%	100%	P	P	P	P	
b3184	yhbE	3329792	3330757	-	965	39	37	37	37	37	95%	95%	95%	95%	P	P	P	P	U
b3185	rpmA	3330884	3331141	-	257	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b3186	rplU	3331162	3331473	-	311	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b3189	murA	3333257	3334516	-	1259	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b3190	yrbA	3334571	3334825	-	254	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b3191	yrbB	3334985	3335278	-	293	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	U
b3192	yrbC	3335278	3335913	-	635	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	U
b3193	yrbD	3335932	3336483	-	551	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b3194	yrbE	3336488	3337270	-	782	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	U
b3195	yrbF	3337278	3338087	-	809	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b3208	mtgA	3347103	3347831	-	728	29	20	20	20	20	69%	69%	69%	69%	P	P	P	P	
b3209	elbB	3347828	3348481	-	653	27	26	26	26	26	96%	96%	96%	96%	P	P	P	P	
b3210	arcB	3348711	3351047	-	2336	93	86	86	86	88	92%	92%	92%	95%	P	P	P	P	
b3211	yhcC	3351143	3352072	-	929	37	0	17	17	17	0%	46%	46%	46%	A	P	P	P	U
b3218	insH	3363724	3364740	-	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b3221	yhcH	3367036	3367500	-	464	18	9	12	12	14	50%	67%	67%	78%	P	P	P	P	U
b3222	nanK	3367497	3368372	-	875	35	20	21	27	27	57%	60%	77%	77%	P	P	P	P	U
b3223	nanE	3368369	3369058	-	689	27	2	3	14	14	7%	11%	52%	52%	P	P	P	P	U
b3224	nanT	3369106	3370596	-	1490	60	3	4	53	53	5%	7%	88%	88%	P	P	P	P	
b3225	nanA	3370705	3371598	-	893	36	3	9	36	36	8%	25%	100%	100%	P	P	P	P	
b3226	nanR	3371720	3372511	-	791	32	29	29	29	29	91%	91%	91%	91%	P	P	P	P	
b3228	sspB	3374301	3374798	-	497	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b3229	sspA	3374804	3375442	-	638	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b3230	rpsI	3375837	3376229	-	392	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b3231	rplM	3376245	3376673	-	428	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	

b3232	yhcM	3376892	3378019	-	1127	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	U
b3236	mdh	3381352	3382290	-	938	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b3239	yhcO	3383879	3384151	-	272	10	7	8	9	10	70%	80%	90%	100%	P	P	P	P	U
b3240	aaeB	3384243	3386210	-	1967	79	0	1	3	3	0%	1%	4%	4%	A	P	P	P	
b3241	aaeA	3386216	3387148	-	932	37	0	6	7	7	0%	16%	19%	19%	A	P	P	P	
b3242	aaeX	3387156	3387359	-	203	8	0	3	3	3	0%	38%	38%	38%	A	P	P	P	
b3244	tldD	3388605	3390050	-	1445	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	U
b4472	yhdP	3390480	3394280	-	3800	152	124	124	129	131	82%	82%	85%	86%	P	P	P	P	U
b3247	rng	3394348	3395817	-	1469	59	59	59	59	59	100%	100%	100%	100%	P	P	P	P	
b3248	yhdE	3395807	3396400	-	593	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b3249	mreD	3396409	3396897	-	488	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b3250	mreC	3396897	3398000	-	1103	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b3251	mreB	3398066	3399109	-	1043	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b3252	csrD	3399414	3401354	-	1940	78	50	52	52	52	64%	67%	67%	67%	P	P	P	P	U
b3264	envR	3410825	3411487	-	662	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3272	rrfF	3421445	3421564	-	119	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b3273	thrV	3421602	3421677	-	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3274	rrfD	3421690	3421809	-	119	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b3275	rrlD	3421902	3424805	-	2903	116	116	116	116	116	100%	100%	100%	100%	P	P	P	P	
b3276	alaU	3424980	3425055	-	75	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3277	ileU	3425098	3425174	-	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b3278	rrsD	3425243	3426784	-	1541	62	62	62	62	62	100%	100%	100%	100%	P	P	P	P	
b3280	yrdB	3427788	3428045	-	257	10	8	8	9	9	80%	80%	90%	90%	P	P	P	P	U
b3281	aroE	3428042	3428860	-	818	33	32	32	32	32	97%	97%	97%	97%	P	P	P	P	
b3282	rimN	3428865	3429437	-	572	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b3283	yrdD	3429442	3429984	-	542	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b3284	smg	3430013	3430486	-	473	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	U
b4473	smf	3430458	3431582	-	1124	45	26	30	35	35	58%	67%	78%	78%	P	P	P	P	U
b4550	yhdL	3436453	3436671	-	218	9	6	7	8	8	67%	78%	89%	89%	P	P	P	P	U
b3292	zntR	3436727	3437152	-	425	17	13	17	17	17	76%	100%	100%	100%	P	P	P	P	
b3293	yhdN	3437163	3437531	-	368	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	U
b3294	rplQ	3437638	3438021	-	383	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b3295	rpoA	3438062	3439051	-	989	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b3296	rpsD	3439077	3439697	-	620	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	
b3297	rpsK	3439731	3440120	-	389	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b3298	rpsM	3440137	3440493	-	356	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b3299	rpmJ	3440640	3440756	-	116	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b3300	secY	3440788	3442119	-	1331	53	53	53	53	53	100%	100%	100%	100%	P	P	P	P	
b3301	rplO	3442127	3442561	-	434	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b3302	rpmD	3442565	3442744	-	179	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	
b3303	rpsE	3442748	3443251	-	503	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b3304	rplR	3443266	3443619	-	353	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b3305	rplF	3443629	3444162	-	533	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b3306	rpsH	3444175	3444567	-	392	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b3307	rpsN	3444601	3444906	-	305	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b3308	rplE	3444921	3445460	-	539	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	

b3309	rplX	3445475	3445789	-	314	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b3310	rplN	3445800	3446171	-	371	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b3311	rpsQ	3446336	3446590	-	254	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b3312	rpmC	3446590	3446781	-	191	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	
b3313	rplP	3446781	3447191	-	410	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b3314	rpsC	3447204	3447905	-	701	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b3315	rplV	3447923	3448255	-	332	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b3316	rpsS	3448270	3448548	-	278	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b3317	rplB	3448565	3449386	-	821	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b3318	rplW	3449404	3449706	-	302	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b3319	rplD	3449703	3450308	-	605	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b3320	rplC	3450319	3450948	-	629	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b3321	rpsJ	3450981	3451292	-	311	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b3322	gspB	3451530	3451949	-	419	17	9	13	13	13	53%	76%	76%	76%	P	P	P	P	
b3323	gspA	3451951	3453420	-	1469	58	0	5	5	5	0%	9%	9%	9%	A	P	P	P	
b3336	bfr	3464271	3464747	-	476	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b3337	bfd	3464819	3465013	-	194	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	
b3338	chiA	3465182	3467875	-	2693	108	20	20	28	28	19%	19%	26%	26%	P	P	P	P	
b3339	tufA	3468167	3469351	-	1184	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	
b3340	fusA	3469422	3471536	-	2114	85	85	85	85	85	100%	100%	100%	100%	P	P	P	P	
b3341	rpsG	3471564	3472103	-	539	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b3342	rpsL	3472200	3472574	-	374	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b3343	yheL	3472700	3472987	-	287	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b3344	yheM	3472995	3473354	-	359	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b3345	yheN	3473354	3473740	-	386	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b3346	yheO	3473740	3474462	-	722	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	U
b3347	fkpA	3474629	3475441	-	812	32	31	31	31	31	97%	97%	97%	97%	P	P	P	P	
b3349	slyD	3475929	3476519	-	590	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b4551	yheV	3476614	3476814	-	200	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	U
b3350	kefB	3476824	3478629	-	1805	73	45	45	48	51	62%	62%	66%	70%	P	P	P	P	
b3351	kefG	3478629	3479183	-	554	22	20	20	20	20	91%	91%	91%	91%	P	P	P	P	
b3356	yhfA	3483436	3483840	-	404	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	U
b3359	argD	3486982	3488202	-	1220	49	49	49	49	49	100%	100%	100%	100%	P	P	P	P	
b3360	pabA	3488288	3488851	-	563	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	
b3361	fic	3488883	3489485	-	602	24	23	23	24	24	96%	96%	100%	100%	P	P	P	P	
b3362	yhfG	3489475	3489642	-	167	6	6	6	6	6	100%	100%	100%	100%	P	P	P	P	U
b3363	ppiA	3489747	3490319	-	572	23	22	22	22	22	96%	96%	96%	96%	P	P	P	P	
b3376	yhfS	3502957	3504042	-	1085	44	0	1	5	5	0%	2%	11%	11%	A	P	P	P	U
b3377	yhfT	3504054	3505358	-	1304	52	0	1	1	1	0%	2%	2%	2%	A	P	P	P	U
b3378	yhfU	3505370	3505723	-	353	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3379	php	3505734	3506612	-	878	36	0	4	4	4	0%	11%	11%	11%	A	P	P	P	U
b3380	yhfW	3506609	3507835	-	1226	49	0	7	7	7	0%	14%	14%	14%	A	P	P	P	U
b3381	yhfX	3507835	3508998	-	1163	47	0	10	10	10	0%	21%	21%	21%	A	P	P	P	U
b3382	yhfY	3509082	3509444	-	362	15	1	15	15	15	7%	100%	100%	100%	P	P	P	P	U
b3383	yhfZ	3509461	3510366	-	905	37	13	31	31	32	35%	84%	84%	86%	P	P	P	P	U
b3384	trpS	3510656	3511660	-	1004	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	

b3385	gph	3511653	3512411	-	758	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b3386	rpe	3512404	3513081	-	677	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b3387	dam	3513099	3513935	-	836	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b3388	damX	3514042	3515328	-	1286	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	U
b3389	aroB	3515420	3516508	-	1088	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	
b3390	aroK	3516565	3517086	-	521	20	20	20	20	20	100%	100%	100%	100%	P	P	P	P	
b3391	hofQ	3517487	3518725	-	1238	50	0	2	3	5	0%	4%	6%	10%	A	P	P	P	U
b3392	hofP	3518637	3519041	-	404	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3393	hofO	3519031	3519471	-	440	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3394	hofN	3519455	3519994	-	539	22	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3395	hofM	3519994	3520773	-	779	31	0	0	3	3	0%	0%	10%	10%	A	A	P	P	U
b3397	nudE	3523611	3524171	-	560	23	22	22	22	22	96%	96%	96%	96%	P	P	P	P	
b3402	yhgE	3528737	3530461	-	1724	69	16	16	16	16	23%	23%	23%	23%	P	P	P	P	U
b3404	envZ	3532538	3533890	-	1352	55	50	50	50	50	91%	91%	91%	91%	P	P	P	P	
b3405	ompR	3533887	3534606	-	719	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b3412	bioH	3542096	3542866	-	770	31	24	24	24	24	77%	77%	77%	77%	P	P	P	P	
b3416	malQ	3546008	3548092	-	2084	84	82	82	82	82	98%	98%	98%	98%	P	P	P	P	
b3417	malP	3548102	3550495	-	2393	96	95	95	95	96	99%	99%	99%	100%	P	P	P	P	
b4475	rtcA	3553855	3554871	-	1016	41	6	9	26	26	15%	22%	63%	63%	P	P	P	P	
b3421	rtcB	3554875	3556101	-	1226	49	12	25	46	46	24%	51%	94%	94%	P	P	P	P	U
b3423	glpR	3557870	3558628	-	758	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b3424	glpG	3558645	3559475	-	830	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	U
b3425	glpE	3559520	3559846	-	326	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b3427	yzgL	3561747	3562028	-	281	11	5	5	5	6	45%	45%	45%	55%	P	P	P	P	U
b3428	glgP	3562157	3564604	-	2447	98	95	95	95	96	97%	97%	97%	98%	P	P	P	P	
b3429	glgA	3564623	3566056	-	1433	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	
b3430	glgC	3566056	3567351	-	1295	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b3431	glgX	3567369	3569342	-	1973	79	78	78	78	78	99%	99%	99%	99%	P	P	P	P	
b3432	glgB	3569339	3571525	-	2186	88	88	88	88	88	100%	100%	100%	100%	P	P	P	P	
b3433	asd	3571798	3572901	-	1103	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b4476	gntU	3573744	3575084	-	1340	54	0	8	8	8	0%	15%	15%	15%	A	P	P	P	
b3437	gntK	3575088	3575615	-	527	21	2	19	19	19	10%	90%	90%	90%	P	P	P	P	
b3438	gntR	3575754	3576749	-	995	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b3439	yhhW	3576973	3577668	-	695	27	18	18	18	20	67%	67%	67%	74%	P	P	P	P	U
b3440	yhhX	3577791	3578828	-	1037	42	40	40	40	42	95%	95%	95%	100%	P	P	P	P	U
b4451	ryhB	3578950	3579039	-	89	3	2	2	2	3	67%	67%	67%	100%	P	P	P	P	
b3447	ggt	3583104	3584846	-	1742	70	58	58	58	59	83%	83%	83%	84%	P	P	P	P	
b3449	ugpQ	3585393	3586136	-	743	30	25	25	25	25	83%	83%	83%	83%	P	P	P	P	
b3450	ugpC	3586133	3587203	-	1070	43	40	40	40	40	93%	93%	93%	93%	P	P	P	P	
b3451	ugpE	3587205	3588050	-	845	34	12	12	12	12	35%	35%	35%	35%	P	P	P	P	
b3452	ugpA	3588047	3588934	-	887	35	8	8	8	8	23%	23%	23%	23%	P	P	P	P	
b3453	ugpB	3589032	3590348	-	1316	53	47	47	52	52	89%	89%	98%	98%	P	P	P	P	
b3454	livF	3590747	3591460	-	713	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b3455	livG	3591462	3592229	-	767	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b3456	livM	3592226	3593503	-	1277	51	51	51	51	51	100%	100%	100%	100%	P	P	P	P	
b3457	livH	3593500	3594426	-	926	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	

b3458	livK	3594474	3595583	-	1109	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b3460	livJ	3596578	3597681	-	1103	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b3461	rpoH	3597952	3598806	-	854	34	33	34	34	34	97%	100%	100%	100%	P	P	P	P	
b3462	ftsX	3599051	3600109	-	1058	42	40	40	40	40	95%	95%	95%	95%	P	P	P	P	U
b3463	ftsE	3600102	3600770	-	668	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U
b3464	ftsY	3600773	3602266	-	1493	60	60	60	60	60	100%	100%	100%	100%	P	P	P	P	U
b3467	yhhM	3603274	3603633	-	359	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b3470	sirA	3606774	3607019	-	245	10	9	10	10	10	90%	100%	100%	100%	P	P	P	P	U
b3473	yhhS	3608539	3609756	-	1217	49	31	31	31	33	63%	63%	63%	67%	P	P	P	P	U
b3485	yhhJ	3623702	3624829	-	1127	45	44	44	44	44	98%	98%	98%	98%	P	P	P	P	U
b3486	rbbA	3624826	3627561	-	2735	109	108	108	108	108	99%	99%	99%	99%	P	P	P	P	U
b3487	yhiI	3627558	3628625	-	1067	43	43	43	43	43	100%	100%	100%	100%	P	P	P	P	U
b3488	yhiJ	3628991	3630613	-	1622	65	0	0	2	2	0%	0%	3%	3%	A	A	P	P	U
b4660	yhiL	3630875	3632481	-	1606	64	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3492	yhiN	3634231	3635433	-	1202	48	47	47	47	47	98%	98%	98%	98%	P	P	P	P	U
b3494	uspB	3637408	3637743	-	335	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b3497	yhiQ	3640403	3641155	-	752	30	25	26	26	26	83%	87%	87%	87%	P	P	P	P	U
b3498	prlC	3641163	3643205	-	2042	82	82	82	82	82	100%	100%	100%	100%	P	P	P	P	
b4613	dinQ	3645728	3645856	-	128	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	U
b3505	insH	3650205	3651221	-	1016	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b3508	yhiD	3653278	3653925	-	647	26	14	14	15	25	54%	54%	58%	96%	P	P	P	P	U
b3509	hdeB	3653989	3654315	-	326	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b3510	hdeA	3654431	3654763	-	332	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b3515	gadW	3661913	3662641	-	728	29	26	26	26	27	90%	90%	90%	93%	P	P	P	P	
b3516	gadX	3663009	3663833	-	824	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b3517	gadA	3664203	3665603	-	1400	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b3518	yhjA	3665814	3667211	-	1397	56	6	20	21	21	11%	36%	38%	38%	P	P	P	P	U
b3520	yhjB	3669315	3669917	-	602	24	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3524	yhjG	3674313	3676388	-	2075	83	44	55	75	78	53%	66%	90%	94%	P	P	P	P	U
b3525	yhjH	3676443	3677210	-	767	30	0	4	4	4	0%	13%	13%	13%	A	P	P	P	
b3527	yhjJ	3678467	3679963	-	1496	59	57	57	57	57	97%	97%	97%	97%	P	P	P	P	U
b3528	dctA	3680184	3681470	-	1286	52	52	52	52	52	100%	100%	100%	100%	P	P	P	P	
b3529	yhjK	3681653	3683608	-	1955	78	56	56	56	56	72%	72%	72%	72%	P	P	P	P	U
b3530	bcsC	3683723	3687145	-	3422	137	60	60	63	63	44%	44%	46%	46%	P	P	P	P	
b3531	bcsZ	3687178	3688284	-	1106	44	0	0	3	3	0%	0%	7%	7%	A	A	P	P	
b3532	bcsB	3688291	3690630	-	2339	93	0	2	9	10	0%	2%	10%	11%	A	P	P	P	
b3533	bcsA	3690641	3693259	-	2618	104	0	0	2	2	0%	0%	2%	2%	A	A	P	P	
b3534	yhjQ	3693256	3694008	-	752	30	16	16	16	16	53%	53%	53%	53%	P	P	P	P	U
b3535	yhjR	3694020	3694208	-	188	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	U
b4453	ldrD	3698003	3698110	-	107	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b3540	dppF	3699887	3700891	-	1004	41	39	39	39	40	95%	95%	95%	98%	P	P	P	P	
b3541	dppD	3700888	3701871	-	983	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b3542	dppC	3701882	3702784	-	902	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b3543	dppB	3702794	3703813	-	1019	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b3544	dppA	3704121	3705728	-	1607	64	64	64	64	64	100%	100%	100%	100%	P	P	P	P	
b3545	proK	3706639	3706715	-	76	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	

b3546	eptB	3706807	3708498	-	1691	68	16	16	16	17	24%	24%	24%	25%	P	P	P	P	U
b3547	yhjX	3708822	3710030	-	1208	48	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b3548	yhjY	3710259	3710957	-	698	28	26	26	27	27	93%	93%	96%	96%	P	P	P	P	U
b3551	bisC	3712084	3714417	-	2333	93	88	88	88	88	95%	95%	95%	95%	P	P	P	P	
b3554	yiaF	3716357	3717067	-	710	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	U
b4455	hokA	3718471	3718623	-	152	6	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4647	mokA	3718471	3718655	-	184	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3559	glyS	3720351	3722420	-	2069	83	83	83	83	83	100%	100%	100%	100%	P	P	P	P	
b3560	glyQ	3722430	3723341	-	911	36	36	36	36	36	100%	100%	100%	100%	P	P	P	P	
b4553	ysaB	3723436	3723735	-	299	12	2	6	6	7	17%	50%	50%	58%	P	P	P	P	U
b3562	yiaA	3724947	3725384	-	437	17	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3563	yiaB	3725430	3725771	-	341	14	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3564	xylB	3725940	3727394	-	1454	59	34	41	55	55	58%	69%	93%	93%	P	P	P	P	
b3565	xylA	3727466	3728788	-	1322	53	16	24	29	29	30%	45%	55%	55%	P	P	P	P	
b3570	bax	3734376	3735200	-	824	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	U
b3573	ysaA	3739132	3739605	-	473	19	0	6	6	6	0%	32%	32%	32%	A	P	P	P	U
b3574	yiaJ	3739707	3740555	-	848	34	31	31	31	31	91%	91%	91%	91%	P	P	P	P	U
b4648	ysaC	3748836	3748937	-	101	4	0	0	3	3	0%	0%	75%	75%	A	A	P	P	U
b3584	yiaT	3749151	3749891	-	740	30	0	1	18	18	0%	3%	60%	60%	A	P	P	P	U
b3586	yiaV	3750986	3752122	-	1136	45	0	0	4	4	0%	0%	9%	9%	A	A	P	P	
b3587	yiaW	3752128	3752451	-	323	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3588	aldB	3752996	3754534	-	1538	62	13	17	60	60	21%	27%	97%	97%	P	P	P	P	
b3589	yiaY	3754699	3755850	-	1151	46	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3590	selB	3756040	3757884	-	1844	74	67	67	67	67	91%	91%	91%	91%	P	P	P	P	
b3591	selA	3757881	3759272	-	1391	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b3592	yibF	3759370	3759978	-	608	25	25	25	25	25	100%	100%	100%	100%	P	P	P	P	U
b3597	yibH	3768266	3769402	-	1136	46	5	8	25	26	11%	17%	54%	57%	P	P	P	P	U
b3598	yibI	3769405	3769767	-	362	14	3	4	11	11	21%	29%	79%	79%	P	P	P	P	U
b4554	yibT	3774194	3774403	-	209	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	U
b3607	cysE	3779764	3780585	-	821	33	32	32	32	32	97%	97%	97%	97%	P	P	P	P	
b3608	gpsA	3780665	3781684	-	1019	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b3609	secB	3781684	3782151	-	467	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b3610	grxC	3782214	3782465	-	251	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b3611	yibN	3782607	3783038	-	431	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	U
b3615	yibD	3787070	3788104	-	1034	42	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3616	tdh	3788343	3789368	-	1025	41	35	35	39	39	85%	85%	95%	95%	P	P	P	P	
b3617	kbl	3789378	3790574	-	1196	47	41	44	45	45	87%	94%	96%	96%	P	P	P	P	
b3618	htrL	3790849	3791706	-	857	35	27	27	28	28	77%	77%	80%	80%	P	P	P	P	U
b3623	waaU	3796262	3797335	-	1073	43	22	22	22	23	51%	51%	51%	53%	P	P	P	P	
b3624	rfaZ	3797368	3798219	-	851	34	15	15	15	17	44%	44%	44%	50%	P	P	P	P	
b3625	rfaY	3798290	3798988	-	698	28	22	22	22	24	79%	79%	79%	86%	P	P	P	P	
b3626	rfaJ	3799006	3800022	-	1016	40	27	27	27	32	68%	68%	68%	80%	P	P	P	P	
b3627	rfaI	3800062	3801081	-	1019	41	30	30	30	34	73%	73%	73%	83%	P	P	P	P	
b3628	rfaB	3801081	3802190	-	1109	44	35	35	35	37	80%	80%	80%	84%	P	P	P	P	
b3629	rfaS	3802204	3803139	-	935	38	17	17	17	19	45%	45%	45%	50%	P	P	P	P	
b3630	rfaP	3803176	3803973	-	797	32	30	30	30	30	94%	94%	94%	94%	P	P	P	P	

b3631	rfaG	3803966	3805090	-	1124	45	44	44	44	44	98%	98%	98%	98%	P	P	P	P	
b3632	rfaQ	3805087	3806121	-	1034	41	39	39	39	39	95%	95%	95%	95%	P	P	P	P	
b3635	mutM	3808366	3809175	-	809	32	21	32	32	32	66%	100%	100%	100%	P	P	P	P	
b3636	rpmG	3809273	3809440	-	167	7	7	7	7	7	100%	100%	100%	100%	P	P	P	P	
b3637	rpmB	3809461	3809697	-	236	9	9	9	9	9	100%	100%	100%	100%	P	P	P	P	
b3638	yicR	3809914	3810582	-	668	27	4	4	4	4	15%	15%	15%	15%	P	P	P	P	
b3642	pyrE	3813150	3813791	-	641	26	9	9	9	9	35%	35%	35%	35%	P	P	P	P	
b3643	rph	3813886	3814572	-	686	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	
b3647	ligB	3817511	3819193	-	1682	67	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3653	gltS	3825483	3826688	-	1205	48	38	45	45	45	79%	94%	94%	94%	P	P	P	P	
b3656	yicI	3830242	3832560	-	2318	93	0	3	5	5	0%	3%	5%	5%	A	P	P	P	U
b3657	yicJ	3832570	3833952	-	1382	55	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3661	nlpA	3837198	3838016	-	818	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	
b3662	nepI	3838572	3839762	-	1190	48	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3663	yicN	3839973	3840425	-	452	18	0	1	2	2	0%	6%	11%	11%	A	P	P	P	U
b3664	yicO	3840478	3841812	-	1334	54	0	0	5	5	0%	0%	9%	9%	A	A	P	P	U
b3666	uhpT	3843799	3845190	-	1391	56	0	7	7	7	0%	13%	13%	13%	A	P	P	P	
b3667	uhpC	3845328	3846647	-	1319	53	18	26	26	26	34%	49%	49%	49%	P	P	P	P	
b3668	uhpB	3846657	3848159	-	1502	60	29	29	29	29	48%	48%	48%	48%	P	P	P	P	
b3669	uhpA	3848159	3848749	-	590	23	22	22	22	22	96%	96%	96%	96%	P	P	P	P	
b3670	ilvN	3848825	3849115	-	290	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b3671	ilvB	3849119	3850807	-	1688	68	68	68	68	68	100%	100%	100%	100%	P	P	P	P	
b3672	ivbL	3850913	3851011	-	98	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b4616	istR	3851141	3851280	-	139	5	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3674	yidF	3853137	3853634	-	497	20	1	1	2	2	5%	5%	10%	10%	P	P	P	P	U
b3675	yidG	3853631	3853993	-	362	15	5	5	6	8	33%	33%	40%	53%	P	P	P	P	U
b3676	yidH	3853983	3854330	-	347	14	12	13	13	13	86%	93%	93%	93%	P	P	P	P	U
b3678	yidJ	3854934	3856427	-	1493	59	0	2	6	6	0%	3%	10%	10%	A	P	P	P	U
b3679	yidK	3856424	3858139	-	1715	69	0	1	1	1	0%	1%	1%	1%	A	P	P	P	U
b4556	glvG	3859196	3860010	-	814	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3683	glvC	3860010	3861626	-	1616	64	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3685	yidE	3862635	3864296	-	1661	66	50	51	51	51	76%	77%	77%	77%	P	P	P	P	U
b3686	ibpB	3864492	3864920	-	428	17	11	17	17	17	65%	100%	100%	100%	P	P	P	P	
b3687	ibpA	3865032	3865445	-	413	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b3689	yidR	3866085	3867299	-	1214	48	29	29	29	29	60%	60%	60%	60%	P	P	P	P	U
b3691	dgoT	3868461	3869753	-	1292	51	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4478	dgoD	3869873	3871021	-	1148	46	0	4	6	6	0%	9%	13%	13%	A	P	P	P	
b4477	dgoA	3871018	3871635	-	617	25	0	1	2	2	0%	4%	8%	8%	A	P	P	P	
b3693	dgoK	3871619	3872497	-	878	35	0	2	8	8	0%	6%	23%	23%	A	P	P	P	
b4479	dgoR	3872494	3873183	-	689	27	24	24	25	25	89%	89%	93%	93%	P	P	P	P	U
b3697	yidA	3874163	3874975	-	812	33	32	32	32	32	97%	97%	97%	97%	P	P	P	P	U
b3698	yidB	3875090	3875488	-	398	16	14	14	14	15	88%	88%	88%	94%	P	P	P	P	U
b3699	gyrB	3875728	3878142	-	2414	96	96	96	96	96	100%	100%	100%	100%	P	P	P	P	
b3700	recF	3878171	3879244	-	1073	42	39	42	42	42	93%	100%	100%	100%	P	P	P	P	
b3701	dnaN	3879244	3880344	-	1100	44	44	44	44	44	100%	100%	100%	100%	P	P	P	P	
b3702	dnaA	3880349	3881752	-	1403	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	

b3714	yieG	3893295	3894632	-	1337	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	U
b3718	yieK	3896694	3897416	-	722	29	0	5	8	8	0%	17%	28%	28%	A	P	P	P	U
b3719	yieL	3897431	3898600	-	1169	47	0	1	1	1	0%	2%	2%	2%	A	P	P	P	U
b3720	bglH	3898627	3900243	-	1616	64	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3721	bglB	3900312	3901724	-	1412	57	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3722	bglF	3901743	3903620	-	1877	75	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3723	bglG	3903754	3904590	-	836	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3724	phoU	3904876	3905601	-	725	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b3725	pstB	3905616	3906389	-	773	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b3726	pstA	3906572	3907462	-	890	36	35	35	35	35	97%	97%	97%	97%	P	P	P	P	
b3727	pstC	3907462	3908421	-	959	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b3728	pstS	3908508	3909548	-	1040	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b3729	glmS	3909862	3911691	-	1829	73	73	73	73	73	100%	100%	100%	100%	P	P	P	P	
b3730	glmU	3911853	3913223	-	1370	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b3731	atpC	3913576	3913995	-	419	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b3732	atpD	3914016	3915398	-	1382	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b3733	atpG	3915425	3916288	-	863	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b3734	atpA	3916339	3917880	-	1541	61	61	61	61	61	100%	100%	100%	100%	P	P	P	P	
b3735	atpH	3917893	3918426	-	533	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b3736	atpF	3918441	3918911	-	470	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b3737	atpE	3918973	3919212	-	239	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	
b3738	atpB	3919259	3920074	-	815	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b3739	atpI	3920083	3920463	-	380	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	
b3740	gidB	3921080	3921703	-	623	25	20	20	20	20	80%	80%	80%	80%	P	P	P	P	
b3741	mnmG	3921767	3923656	-	1889	75	74	74	74	74	99%	99%	99%	99%	P	P	P	P	
b3742	mioC	3924035	3924478	-	443	17	17	17	17	17	100%	100%	100%	100%	P	P	P	P	
b3743	asnC	3924568	3925026	-	458	18	11	11	11	11	61%	61%	61%	61%	P	P	P	P	
b3745	viaA	3926175	3927626	-	1451	58	44	44	44	47	76%	76%	76%	81%	P	P	P	P	U
b3746	ravA	3927620	3929116	-	1496	60	57	57	57	59	95%	95%	95%	98%	P	P	P	P	U
b3754	hsrA	3937208	3938635	-	1427	57	4	5	8	8	7%	9%	14%	14%	P	P	P	P	U
b3755	yieP	3938658	3939350	-	692	27	27	27	27	27	100%	100%	100%	100%	P	P	P	P	U
b4480	hdfR	3945151	3945990	-	839	34	23	30	30	30	68%	88%	88%	88%	P	P	P	P	
b3765	yifB	3946472	3947992	-	1520	61	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3773	ilvY	3954950	3955843	-	893	36	29	32	32	32	81%	89%	89%	89%	P	P	P	P	
b3775	ppiC	3957555	3957836	-	281	12	11	11	11	11	92%	92%	92%	92%	P	P	P	P	
b3777	yifN	3958035	3958483	-	448	18	9	11	15	16	50%	61%	83%	89%	P	P	P	P	U
b3779	gpp	3960768	3962252	-	1484	59	53	53	53	53	90%	90%	90%	90%	P	P	P	P	
b3780	rhlB	3962388	3963653	-	1265	50	50	50	50	50	100%	100%	100%	100%	P	P	P	P	
b3801	aslA	3982375	3984030	-	1655	66	0	5	7	7	0%	8%	11%	11%	A	P	P	P	
b3802	hemY	3984709	3985905	-	1196	48	46	46	46	46	96%	96%	96%	96%	P	P	P	P	U
b3803	hemX	3985908	3987089	-	1181	48	48	48	48	48	100%	100%	100%	100%	P	P	P	P	U
b3804	hemD	3987111	3987851	-	740	30	30	30	30	30	100%	100%	100%	100%	P	P	P	P	
b3805	hemC	3987848	3988789	-	941	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b3807	cyaY	3991762	3992082	-	320	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	
b4482	yigE	3998315	3999079	-	764	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3817	yigF	4000442	4000822	-	380	15	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b3818	yigG	4000836	4001216	-	380	16	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3819	rarD	4001311	4002201	-	890	36	17	17	18	18	47%	47%	50%	50%	P	P	P	P	U
b3820	yigI	4002253	4002720	-	467	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	U
b3824	rhtB	4006462	4007082	-	620	25	24	24	24	25	96%	96%	96%	100%	P	P	P	P	
b3828	metR	4009886	4010839	-	953	38	37	38	38	38	97%	100%	100%	100%	P	P	P	P	
b3830	ysgA	4013377	4014192	-	815	33	33	33	33	33	100%	100%	100%	100%	P	P	P	P	U
b3842	rfaH	4022356	4022844	-	488	20	15	15	15	15	75%	75%	75%	75%	P	P	P	P	
b3845	fadA	4025632	4026795	-	1163	47	15	15	28	28	32%	32%	60%	60%	P	P	P	P	
b3846	fadB	4026805	4028994	-	2189	88	75	75	87	87	85%	85%	99%	99%	P	P	P	P	
b3856	mobB	4038929	4039456	-	527	21	17	17	17	17	81%	81%	81%	81%	P	P	P	P	
b3857	mobA	4039438	4040022	-	584	24	24	24	24	24	100%	100%	100%	100%	P	P	P	P	
b3862	yihG	4043693	4044625	-	932	37	15	15	15	16	41%	41%	41%	43%	P	P	P	P	U
b3865	yihA	4048156	4048788	-	632	26	25	25	25	25	96%	96%	96%	96%	P	P	P	P	
b3868	glnG	4051892	4053301	-	1409	56	54	54	54	56	96%	96%	96%	100%	P	P	P	P	
b3869	glnL	4053313	4054362	-	1049	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b3870	glnA	4054648	4056057	-	1409	57	57	57	57	57	100%	100%	100%	100%	P	P	P	P	
b3875	ompL	4061626	4062318	-	692	28	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3876	yihO	4062386	4063789	-	1403	56	0	2	4	4	0%	4%	7%	7%	A	P	P	P	U
b3877	yihP	4063832	4065217	-	1385	55	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3878	yihQ	4065263	4067299	-	2036	81	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3879	yihR	4067498	4068424	-	926	37	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3880	yihS	4068538	4069779	-	1241	49	0	5	7	7	0%	10%	14%	14%	A	P	P	P	U
b3881	yihT	4069796	4070674	-	878	35	0	1	4	4	0%	3%	11%	11%	A	P	P	P	U
b3882	yihU	4070698	4071594	-	896	36	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3891	fdhE	4078322	4079251	-	929	37	31	31	31	31	84%	84%	84%	84%	P	P	P	P	
b3892	fdoI	4079248	4079883	-	635	26	18	18	18	18	69%	69%	69%	69%	P	P	P	P	
b3893	fdoH	4079880	4080782	-	902	36	28	28	28	28	78%	78%	78%	78%	P	P	P	P	
b3894	fdoG	4080795	4083845	-	3050	122	117	117	117	117	96%	96%	96%	96%	P	P	P	P	
b3897	frvR	4086130	4087878	-	1748	70	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3898	frvX	4087878	4088948	-	1070	43	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3899	frvB	4088938	4090389	-	1451	58	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3900	frvA	4090400	4090846	-	446	18	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3901	rhaM	4091147	4091461	-	314	13	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3902	rhaD	4091471	4092295	-	824	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3903	rhaA	4092746	4094005	-	1259	50	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3904	rhaB	4094002	4095471	-	1469	59	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b3907	rhaT	4097514	4098548	-	1034	42	0	0	26	26	0%	0%	62%	62%	A	A	P	P	
b3911	cpxA	4101625	4102998	-	1373	55	55	55	55	55	100%	100%	100%	100%	P	P	P	P	
b3912	cpxR	4102995	4103693	-	698	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	
b3919	tpiA	4108763	4109530	-	767	31	29	29	29	30	94%	94%	94%	97%	P	P	P	P	
b3920	yiiQ	4109638	4110237	-	599	24	23	23	23	23	96%	96%	96%	96%	P	P	P	P	U
b3924	fpr	4111749	4112495	-	746	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	
b3925	glpX	4112592	4113602	-	1010	41	39	39	39	39	95%	95%	95%	95%	P	P	P	P	
b3926	glpK	4113737	4115245	-	1508	60	28	30	30	30	47%	50%	50%	50%	P	P	P	P	
b3927	glpF	4115268	4116113	-	845	34	1	6	8	10	3%	18%	24%	29%	P	P	P	P	
b3929	rraA	4116868	4117353	-	485	20	18	19	19	19	90%	95%	95%	95%	P	P	P	P	

b3930	menA	4117446	4118372	-	926	37	37	37	37	37	100%	100%	100%	100%	P	P	P	P	
b3931	hslU	4118439	4119770	-	1331	53	52	53	53	53	98%	100%	100%	100%	P	P	P	P	
b3932	hslV	4119780	4120310	-	530	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b3933	ftsN	4120403	4121362	-	959	38	35	35	35	35	92%	92%	92%	92%	P	P	P	P	
b3934	cytR	4121454	4122479	-	1025	41	41	41	41	41	100%	100%	100%	100%	P	P	P	P	
b3935	priA	4122635	4124833	-	2198	88	66	66	66	66	75%	75%	75%	75%	P	P	P	P	
b3937	yiiX	4125309	4125917	-	608	24	9	24	24	24	38%	100%	100%	100%	P	P	P	P	U
b3938	metJ	4126101	4126418	-	317	12	12	12	12	12	100%	100%	100%	100%	P	P	P	P	
b3944	yijF	4135063	4135680	-	617	25	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b3945	gldA	4135955	4137058	-	1103	44	3	20	20	28	7%	45%	45%	64%	P	P	P	P	
b3946	fsaB	4137069	4137731	-	662	27	2	3	4	5	7%	11%	15%	19%	P	P	P	P	
b3947	ptsA	4137743	4140244	-	2501	100	0	0	4	4	0%	0%	4%	4%	A	A	P	P	U
b3954	yijO	4145489	4146340	-	851	34	16	16	16	16	47%	47%	47%	47%	P	P	P	P	U
b3955	yijP	4146555	4148288	-	1733	69	69	69	69	69	100%	100%	100%	100%	P	P	P	P	U
b3956	ppc	4148470	4151121	-	2651	106	106	106	106	106	100%	100%	100%	100%	P	P	P	P	
b3957	argE	4151719	4152870	-	1151	46	46	46	46	46	100%	100%	100%	100%	P	P	P	P	
b4458	oxyS	4156308	4156417	-	109	4	3	3	3	3	75%	75%	75%	75%	P	P	P	P	
b3962	sthA	4157413	4158813	-	1400	56	56	56	56	56	100%	100%	100%	100%	P	P	P	P	
b3965	trmA	4160193	4161293	-	1100	44	43	43	43	43	98%	98%	98%	98%	P	P	P	P	
b3974	coaA	4172099	4173049	-	950	38	37	37	37	37	97%	97%	97%	97%	P	P	P	P	
G0-9388	sroH	4188350	4188510	-	160	6	4	4	4	4	67%	67%	67%	67%	P	P	P	P	
b3990	thiH	4188758	4189891	-	1133	45	45	45	45	45	100%	100%	100%	100%	P	P	P	P	
b3991	thiG	4189888	4190658	-	770	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b4407	thiS	4190660	4190860	-	200	8	8	8	8	8	100%	100%	100%	100%	P	P	P	P	
b3992	thiF	4190844	4191599	-	755	31	31	31	31	31	100%	100%	100%	100%	P	P	P	P	
b3993	thiE	4191592	4192227	-	635	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b3994	thiC	4192227	4194122	-	1895	75	75	75	75	75	100%	100%	100%	100%	P	P	P	P	
b3995	rsd	4194355	4194831	-	476	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b4002	zraP	4199286	4199711	-	425	17	0	0	0	16	0%	0%	0%	94%	A	A	A	P	
b4005	purD	4202665	4203954	-	1289	52	51	51	51	51	98%	98%	98%	98%	P	P	P	P	
b4006	purH	4203966	4205555	-	1589	64	64	64	64	64	100%	100%	100%	100%	P	P	P	P	
b4012	yjaB	4211703	4212146	-	443	17	12	14	15	15	71%	82%	88%	88%	P	P	P	P	U
b4017	arpA	4218324	4220510	-	2186	88	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4018	iclR	4220827	4221651	-	824	33	31	31	31	31	94%	94%	94%	94%	P	P	P	P	
b4021	pepE	4227476	4228165	-	689	28	7	9	9	14	25%	32%	32%	50%	P	P	P	P	
b4023	pagB	4229382	4229654	-	272	11	11	11	11	11	100%	100%	100%	100%	P	P	P	P	U
b4024	lysC	4229907	4231256	-	1349	54	54	54	54	54	100%	100%	100%	100%	P	P	P	P	
b4620	yjbT	4237800	4238078	-	278	11	0	1	2	2	0%	9%	18%	18%	A	P	P	P	U
b4031	xylE	4238802	4240277	-	1475	59	0	1	2	2	0%	2%	3%	3%	A	P	P	P	
b4032	malG	4240649	4241539	-	890	36	2	2	2	2	6%	6%	6%	6%	P	P	P	P	
b4033	malF	4241554	4243098	-	1544	62	13	13	13	13	21%	21%	21%	21%	P	P	P	P	
b4034	malE	4243252	4244442	-	1190	48	46	46	46	46	96%	96%	96%	96%	P	P	P	P	
b4041	plsB	4252066	4254489	-	2423	96	96	96	96	96	100%	100%	100%	100%	P	P	P	P	
b4046	zur	4257511	4258026	-	515	21	18	18	18	18	86%	86%	86%	86%	P	P	P	P	
b4051	qor	4261271	4262254	-	983	39	38	38	38	39	97%	97%	97%	100%	P	P	P	P	
b4621	yjbS	4266832	4267035	-	203	8	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U

b4058	uvrA	4269072	4271894	-	2822	113	104	104	104	104	92%	92%	92%	92%	P	P	P	P	
b4060	yjcB	4272783	4273064	-	281	11	6	8	8	8	55%	73%	73%	73%	P	P	P	P	U
b4062	soxS	4275083	4275406	-	323	13	12	12	12	12	92%	92%	92%	92%	P	P	P	P	
b4459	ryjA	4275950	4276089	-	139	5	4	4	4	4	80%	80%	80%	80%	P	P	P	P	U
b4066	yjcF	4279806	4281098	-	1292	52	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4067	actP	4281276	4282925	-	1649	66	31	31	33	33	47%	47%	50%	50%	P	P	P	P	
b4068	yjcH	4282922	4283236	-	314	12	6	6	6	6	50%	50%	50%	50%	P	P	P	P	U
b4069	acs	4283436	4285394	-	1958	79	78	78	78	78	99%	99%	99%	99%	P	P	P	P	
b4078	yjcO	4294459	4295148	-	689	28	28	28	28	28	100%	100%	100%	100%	P	P	P	P	U
b4079	fdhF	4295242	4297389	-	2147	86	30	54	55	61	35%	63%	64%	71%	P	P	P	P	
b4080	mdtP	4297587	4299053	-	1466	59	0	0	2	2	0%	0%	3%	3%	A	A	P	P	U
b4081	mdtO	4299050	4301101	-	2051	82	0	0	7	7	0%	0%	9%	9%	A	A	P	P	U
b4082	mdtN	4301101	4302132	-	1031	41	0	0	1	1	0%	0%	2%	2%	A	A	P	P	U
b4622	yticA	4302151	4302426	-	275	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4083	yjcS	4302635	4304620	-	1985	80	0	0	5	5	0%	0%	6%	6%	A	A	P	P	U
b4084	alsK	4304893	4305822	-	929	38	0	0	5	5	0%	0%	13%	13%	A	A	P	P	
b4085	alsE	4305806	4306501	-	695	28	0	0	5	5	0%	0%	18%	18%	A	A	P	P	
b4086	alsC	4306512	4307492	-	980	39	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4087	alsA	4307471	4309003	-	1532	61	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4088	alsB	4309130	4310065	-	935	37	4	4	4	4	11%	11%	11%	11%	P	P	P	P	
b4089	rpiR	4310124	4311014	-	890	35	31	31	31	31	89%	89%	89%	89%	P	P	P	P	
b4092	phnP	4312367	4313125	-	758	31	13	13	13	13	42%	42%	42%	42%	P	P	P	P	
b4093	phnO	4313127	4313561	-	434	17	13	13	13	13	76%	76%	76%	76%	P	P	P	P	U
b4094	phnN	4313548	4314105	-	557	22	3	3	7	7	14%	14%	32%	32%	P	P	P	P	
b4095	phnM	4314105	4315241	-	1136	45	0	0	2	2	0%	0%	4%	4%	A	A	P	P	
b4096	phnL	4315238	4315918	-	680	27	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4097	phnK	4316029	4316787	-	758	30	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b4098	phnJ	4316784	4317629	-	845	34	0	0	2	2	0%	0%	6%	6%	A	A	P	P	
b4099	phnI	4317622	4318686	-	1064	42	0	0	3	3	0%	0%	7%	7%	A	A	P	P	
b4100	phnH	4318686	4319270	-	584	24	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4101	phnG	4319267	4319719	-	452	19	0	0	1	1	0%	0%	5%	5%	A	A	P	P	
b4102	phnF	4319720	4320445	-	725	29	0	0	2	2	0%	0%	7%	7%	A	A	P	P	U
b4104	phnE	4320466	4321253	-	787	32	0	0	1	3	0%	0%	3%	9%	A	A	P	P	U
b4105	phnD	4321359	4322375	-	1016	41	0	0	2	2	0%	0%	5%	5%	A	A	P	P	
b4106	phnC	4322400	4323188	-	788	31	0	0	1	1	0%	0%	3%	3%	A	A	P	P	
b4107	yjdN	4323321	4323764	-	443	17	12	13	17	17	71%	76%	100%	100%	P	P	P	P	U
b4108	yjdM	4324422	4324757	-	335	13	13	13	13	13	100%	100%	100%	100%	P	P	P	P	U
b4112	basS	4330204	4331295	-	1091	44	23	23	25	25	52%	52%	57%	57%	P	P	P	P	
b4113	basR	4331305	4331973	-	668	27	22	22	23	24	81%	81%	85%	89%	P	P	P	P	
b4114	eptA	4331970	4333613	-	1643	65	10	11	15	15	15%	17%	23%	23%	P	P	P	P	U
b4115	adiC	4333717	4335054	-	1337	54	0	0	3	3	0%	0%	6%	6%	A	A	P	P	
b4116	adiY	4335191	4335952	-	761	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4117	adiA	4336277	4338547	-	2270	91	0	0	2	2	0%	0%	2%	2%	A	A	P	P	
b4118	melR	4338743	4339651	-	908	37	11	11	34	34	30%	30%	92%	92%	P	P	P	P	
b4121	yjdF	4342952	4343581	-	629	25	9	9	11	11	36%	36%	44%	44%	P	P	P	P	U
b4122	fumB	4343703	4345349	-	1646	66	8	8	11	14	12%	12%	17%	21%	P	P	P	P	

b4123	dcuB	4345427	4346767	-	1340	53	0	4	9	22	0%	8%	17%	42%	A	P	P	P	
b4124	dcuR	4347338	4348057	-	719	29	24	24	24	24	83%	83%	83%	83%	P	P	P	P	
b4125	dcuS	4348054	4349685	-	1631	65	43	44	44	44	66%	68%	68%	68%	P	P	P	P	
b4129	lysU	4351223	4352740	-	1517	61	54	54	54	56	89%	89%	89%	92%	P	P	P	P	
b4130	yjdL	4352977	4354434	-	1457	58	7	12	12	15	12%	21%	21%	26%	P	P	P	P	U
b4131	cadA	4354493	4356640	-	2147	86	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4132	cadB	4356720	4358054	-	1334	54	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4133	cadC	4358419	4359957	-	1538	62	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4654	yjdQ	4360214	4360376	-	162	7	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4134	pheU	4360574	4360649	-	75	4	3	3	4	4	75%	75%	100%	100%	P	P	P	P	
b4135	yjdC	4360756	4361331	-	575	23	23	23	23	23	100%	100%	100%	100%	P	P	P	P	U
b4136	dipZ	4361368	4363065	-	1697	68	67	67	67	67	99%	99%	99%	99%	P	P	P	P	U
b4137	cutA	4363041	4363379	-	338	14	14	14	14	14	100%	100%	100%	100%	P	P	P	P	
b4138	dcuA	4363495	4364796	-	1301	52	50	50	50	50	96%	96%	96%	96%	P	P	P	P	
b4139	aspA	4364914	4366350	-	1436	58	42	46	56	56	72%	79%	97%	97%	P	P	P	P	
b4141	yjeH	4367179	4368435	-	1256	50	45	45	45	45	90%	90%	90%	90%	P	P	P	P	U
b4145	yjeJ	4371388	4372257	-	869	35	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4146	yjeK	4372652	4373680	-	1028	41	40	40	40	40	98%	98%	98%	98%	P	P	P	P	U
b4149	blc	4375212	4375745	-	533	21	20	21	21	21	95%	100%	100%	100%	P	P	P	P	
b4150	ampC	4375834	4376967	-	1133	45	35	35	35	35	78%	78%	78%	78%	P	P	P	P	
b4151	frdD	4377030	4377389	-	359	14	0	13	13	13	0%	93%	93%	93%	A	P	P	P	
b4152	frdC	4377400	4377795	-	395	15	6	8	9	9	40%	53%	60%	60%	P	P	P	P	
b4153	frdB	4377806	4378540	-	734	29	23	25	28	28	79%	86%	97%	97%	P	P	P	P	
b4154	frdA	4378533	4380341	-	1808	72	69	69	70	72	96%	96%	97%	100%	P	P	P	P	
b4159	yjeP	4384070	4387393	-	3323	133	83	83	83	83	62%	62%	62%	62%	P	P	P	P	U
b4160	psd	4387415	4388383	-	968	39	39	39	39	39	100%	100%	100%	100%	P	P	P	P	
b4161	rsgA	4388480	4389532	-	1052	42	42	42	42	42	100%	100%	100%	100%	P	P	P	P	
b4166	yjeS	4390951	4392090	-	1139	46	26	26	26	32	57%	57%	57%	70%	P	P	P	P	U
b4188	yjfN	4414040	4414315	-	275	11	3	8	11	11	27%	73%	100%	100%	P	P	P	P	U
b4189	yjfO	4414464	4414793	-	329	13	11	12	13	13	85%	92%	100%	100%	P	P	P	P	U
b4191	ulaR	4415721	4416476	-	755	30	25	25	25	25	83%	83%	83%	83%	P	P	P	P	
b4192	ulaG	4416584	4417648	-	1064	43	0	8	12	12	0%	19%	28%	28%	A	P	P	P	U
b4199	yjfY	4422539	4422814	-	275	11	0	10	11	11	0%	91%	100%	100%	A	P	P	P	U
b4204	yjfZ	4424651	4425445	-	794	32	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4206	ytfB	4426102	4426740	-	638	25	24	24	24	24	96%	96%	96%	96%	P	P	P	P	U
b4209	ytfE	4429344	4430006	-	662	27	0	0	17	17	0%	0%	63%	63%	A	A	P	P	U
b4210	ytfF	4430114	4431088	-	974	39	3	3	3	3	8%	8%	8%	8%	P	P	P	P	U
b4211	ytfG	4431187	4432047	-	860	35	19	21	21	21	54%	60%	60%	60%	P	P	P	P	
b4213	cpdB	4432645	4434588	-	1943	78	65	65	65	65	83%	83%	83%	83%	P	P	P	P	
b4216	ytfJ	4436731	4437285	-	554	22	2	15	17	17	9%	68%	77%	77%	P	P	P	P	U
b4218	ytfL	4437895	4439238	-	1343	54	41	41	43	43	76%	76%	80%	80%	P	P	P	P	U
b4219	msrA	4439561	4440199	-	638	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	
b4226	ppa	4447145	4447675	-	530	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	
b4232	fbp	4452634	4453632	-	998	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b4234	yjgA	4455337	4455888	-	551	22	22	22	22	22	100%	100%	100%	100%	P	P	P	P	U
b4237	nrdG	4457923	4458387	-	464	18	0	1	4	4	0%	6%	22%	22%	A	P	P	P	

b4238	nrdD	4458545	4460683	-	2138	86	49	72	84	84	57%	84%	98%	98%	P	P	P	P	
b4239	treC	4461077	4462732	-	1655	67	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4240	treB	4462782	4464203	-	1421	56	0	9	9	9	0%	16%	16%	16%	A	P	P	P	
b4241	treR	4464322	4465269	-	947	38	26	26	26	26	68%	68%	68%	68%	P	P	P	P	
b4243	yjgF	4468550	4468936	-	386	16	16	16	16	16	100%	100%	100%	100%	P	P	P	P	
b4244	pyrI	4469009	4469470	-	461	19	19	19	19	19	100%	100%	100%	100%	P	P	P	P	
b4245	pyrB	4469483	4470418	-	935	38	38	38	38	38	100%	100%	100%	100%	P	P	P	P	
b4246	pyrL	4470422	4470556	-	134	5	5	5	5	5	100%	100%	100%	100%	P	P	P	P	
b4248	yjgH	4470837	4471232	-	395	15	15	15	15	15	100%	100%	100%	100%	P	P	P	P	U
b4249	yjgI	4471363	4472076	-	713	28	0	15	15	15	0%	54%	54%	54%	A	P	P	P	U
b4254	argI	4475330	4476334	-	1004	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	
b4256	yjgM	4477057	4477560	-	503	21	18	19	19	19	86%	90%	90%	90%	P	P	P	P	U
b4258	valS	4479005	4481860	-	2855	114	114	114	114	114	100%	100%	100%	100%	P	P	P	P	
b4259	holC	4481860	4482303	-	443	18	18	18	18	18	100%	100%	100%	100%	P	P	P	P	
b4260	pepA	4482463	4483974	-	1511	61	61	61	61	61	100%	100%	100%	100%	P	P	P	P	
b4263	yjgR	4486584	4488086	-	1502	60	58	58	60	60	97%	97%	100%	100%	P	P	P	P	U
b4264	idnR	4488164	4489162	-	998	39	31	32	32	34	79%	82%	82%	87%	P	P	P	P	
b4265	idnT	4489229	4490548	-	1319	53	14	14	14	15	26%	26%	26%	28%	P	P	P	P	
b4266	idnO	4490610	4491374	-	764	31	0	4	4	4	0%	13%	13%	13%	A	P	P	P	
b4267	idnD	4491398	4492429	-	1031	41	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4269	yjgB	4493213	4494232	-	1019	41	31	31	35	35	76%	76%	85%	85%	P	P	P	P	U
b4575	yjgX	4497616	4498814	-	1198	48	9	10	14	14	19%	21%	29%	29%	P	P	P	P	U
b4278	insG	4500126	4501454	-	1328	53	34	34	36	36	64%	64%	68%	68%	P	P	P	P	U
b4281	yjhD	4504649	4504879	-	230	9	0	4	4	4	0%	44%	44%	44%	A	P	P	P	U
b4284	insI	4505489	4506640	-	1151	46	44	44	44	45	96%	96%	96%	98%	P	P	P	P	
b4561	insM	4506699	4506965	-	266	11	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4287	fecE	4508713	4509480	-	767	31	6	6	6	8	19%	19%	19%	26%	P	P	P	P	
b4288	fecD	4509481	4510437	-	956	38	3	3	3	3	8%	8%	8%	8%	P	P	P	P	
b4289	fecC	4510434	4511432	-	998	40	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4290	fecB	4511429	4512331	-	902	36	7	7	7	10	19%	19%	19%	28%	P	P	P	P	
b4291	fecA	4512376	4514700	-	2324	93	13	13	15	26	14%	14%	16%	28%	P	P	P	P	
b4292	fecR	4514787	4515740	-	953	38	20	20	20	29	53%	53%	53%	76%	P	P	P	P	
b4293	fecI	4515737	4516258	-	521	21	20	20	20	21	95%	95%	95%	100%	P	P	P	P	
b4295	yjhU	4517361	4518347	-	986	40	40	40	40	40	100%	100%	100%	100%	P	P	P	P	U
b4296	yjhF	4518694	4520043	-	1349	54	0	1	2	2	0%	2%	4%	4%	A	P	P	P	U
b4297	yjhG	4520150	4522117	-	1967	78	0	3	9	9	0%	4%	12%	12%	A	P	P	P	U
b4298	yjhH	4522128	4523033	-	905	36	0	0	1	1	0%	0%	3%	3%	A	A	P	P	U
b4299	yjhI	4523038	4523826	-	788	32	0	1	2	2	0%	3%	6%	6%	A	P	P	P	U
b4300	sgcR	4524129	4524911	-	782	31	1	1	5	5	3%	3%	16%	16%	P	P	P	P	U
b4301	sgcE	4524928	4525560	-	632	25	1	2	17	17	4%	8%	68%	68%	P	P	P	P	U
b4302	sgcA	4525572	4526003	-	431	17	3	4	15	15	18%	24%	88%	88%	P	P	P	P	U
b4303	sgcQ	4526134	4526940	-	806	32	0	0	31	31	0%	0%	97%	97%	A	A	P	P	U
b4304	sgcC	4526953	4528266	-	1313	52	2	2	52	52	4%	4%	100%	100%	P	P	P	P	U
b4565	sgcB	4528278	4528556	-	278	11	0	0	11	11	0%	0%	100%	100%	A	A	P	P	U
b4305	sgcX	4528553	4529674	-	1121	45	3	3	44	44	7%	7%	98%	98%	P	P	P	P	U
b4656	yjhY	4530073	4530333	-	260	10	10	10	10	10	100%	100%	100%	100%	P	P	P	P	U

b4306	yjhP	4530460	4531206	-	746	30	0	0	1	2	0%	0%	3%	7%	A	A	P	P	U
b4307	yjhQ	4531262	4531807	-	545	22	0	8	8	8	0%	36%	36%	36%	A	P	P	P	U
b4566	yjhX	4531819	4532076	-	257	11	0	2	2	2	0%	18%	18%	18%	A	P	P	P	U
b4657	yjhZ	4532453	4532698	-	245	10	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4309	yjhS	4534637	4535617	-	980	39	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4310	nanM	4535682	4536788	-	1106	44	15	23	23	34	34%	52%	52%	77%	P	P	P	P	U
b4311	nanC	4536808	4537524	-	716	29	1	1	2	5	3%	3%	7%	17%	P	P	P	P	
b4321	gntP	4547976	4549319	-	1343	53	0	38	38	38	0%	72%	72%	72%	A	P	P	P	
b4325	yjiC	4553513	4554343	-	830	33	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4327	yjiE	4555401	4556312	-	911	36	23	24	24	24	64%	67%	67%	67%	P	P	P	P	U
b4328	iadA	4556377	4557549	-	1172	47	45	45	47	47	96%	96%	100%	100%	P	P	P	P	
b4329	yjiG	4557562	4558023	-	461	19	4	4	4	4	21%	21%	21%	21%	P	P	P	P	U
b4330	yjiH	4558020	4558703	-	683	28	0	0	1	5	0%	0%	4%	18%	A	A	P	P	U
b4332	yjiJ	4559520	4560698	-	1178	48	0	1	8	8	0%	2%	17%	17%	A	P	P	P	U
b4333	yjiK	4560766	4561626	-	860	35	0	1	2	2	0%	3%	6%	6%	A	P	P	P	U
b4334	yjiL	4561945	4562712	-	767	31	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4335	yjiM	4562722	4563873	-	1151	47	0	0	1	6	0%	0%	2%	13%	A	A	P	P	U
b4336	yjiN	4563989	4565269	-	1280	51	5	10	14	28	10%	20%	27%	55%	P	P	P	P	U
b4337	mdtM	4565310	4566542	-	1232	49	3	18	18	18	6%	37%	37%	37%	P	P	P	P	
b4340	yjiR	4568185	4569597	-	1412	56	42	42	42	42	75%	75%	75%	75%	P	P	P	P	U
b4345	mcrC	4574935	4575981	-	1046	42	0	0	0	0	0%	0%	0%	0%	A	A	A	A	
b4346	mcrB	4575981	4577360	-	1379	55	43	43	43	43	78%	78%	78%	78%	P	P	P	P	
b4347	symE	4577522	4577863	-	341	13	3	4	4	4	23%	31%	31%	31%	P	P	P	P	U
b4348	hsdS	4578091	4579485	-	1394	56	51	51	51	51	91%	91%	91%	91%	P	P	P	P	
b4349	hsdM	4579482	4581071	-	1589	64	64	64	64	64	100%	100%	100%	100%	P	P	P	P	
b4350	hsdR	4581272	4584838	-	3566	142	141	141	141	141	99%	99%	99%	99%	P	P	P	P	
b4352	yjiA	4585932	4586888	-	956	38	36	36	36	36	95%	95%	95%	95%	P	P	P	P	U
b4353	yjiX	4586899	4587102	-	203	9	7	7	7	7	78%	78%	78%	78%	P	P	P	P	U
b4354	yjiY	4587152	4589302	-	2150	86	0	0	6	78	0%	0%	7%	91%	A	A	P	P	U
b4356	yjjL	4591384	4592745	-	1361	54	5	5	5	5	9%	9%	9%	9%	P	P	P	P	U
b4357	yjjM	4592960	4593874	-	914	37	0	0	16	16	0%	0%	43%	43%	A	A	P	P	U
b4359	mdoB	4595173	4597464	-	2291	92	86	86	86	87	93%	93%	93%	95%	P	P	P	P	
b4360	yjjA	4597718	4598212	-	494	20	19	19	19	19	95%	95%	95%	95%	P	P	P	P	U
b4361	dnaC	4598261	4598998	-	737	29	28	28	28	28	97%	97%	97%	97%	P	P	P	P	
b4362	dnaT	4599001	4599540	-	539	21	21	21	21	21	100%	100%	100%	100%	P	P	P	P	
b4363	yjjB	4599647	4600120	-	473	19	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4364	yjjP	4600111	4600881	-	770	31	0	2	2	11	0%	6%	6%	35%	A	P	P	P	U
b4367	fhuF	4602898	4603686	-	788	32	32	32	32	32	100%	100%	100%	100%	P	P	P	P	
b4368	leuV	4604102	4604188	-	86	3	3	3	3	3	100%	100%	100%	100%	P	P	P	P	
b4369	leuP	4604223	4604309	-	86	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b4370	leuQ	4604338	4604424	-	86	4	4	4	4	4	100%	100%	100%	100%	P	P	P	P	
b4371	rsmC	4604692	4605723	-	1031	41	40	40	40	40	98%	98%	98%	98%	P	P	P	P	
b4379	yjjW	4612703	4613566	-	863	34	0	0	0	0	0%	0%	0%	0%	A	A	A	A	U
b4380	yjjI	4613538	4615088	-	1550	62	0	8	8	27	0%	13%	13%	44%	A	P	P	P	U
b4386	lplA	4621124	4622140	-	1016	41	33	33	33	33	80%	80%	80%	80%	P	P	P	P	
b4387	ytjB	4622168	4622812	-	644	26	26	26	26	26	100%	100%	100%	100%	P	P	P	P	U

b4391	yjjK	4626878	4628545	-	1667	66	66	66	66	66	100%	100%	100%	100%	P	P	P	P	U
b4394	yjjX	4631256	4631768	-	512	20	18	18	18	18	90%	90%	90%	90%	P	P	P	P	
b4396	rob	4632464	4633333	-	869	35	35	35	35	35	100%	100%	100%	100%	P	P	P	P	
b4401	arcA	4637613	4638329	-	716	29	29	29	29	29	100%	100%	100%	100%	P	P	P	P	

Supplementary Table 3: Iterative determination of RNAP_guided transcript segments (RTSs). Abbreviations: R1, log phase; R2, log phase+heat_shocked condition; R3, log phase+heat_shocked condition+stationary phase; R4, log phase+heat_shocked condition+stationary phase+glutamine growth condition; Len, Length (bp); Den, Density (%).

RTS ID	RBR ID	R1				R2				R3				R4			
		Start	End	Len	Den	Start	End	Len	Den	Start	End	Len	Den	Start	End	Len	Den
RTS_R4+_1	RNAP_peak+_1	150	2575	2475	99%	150	2575	2475	99%	150	2575	2475	99%	150	2575	2475	99%
RTS_R4+_2	RNAP_peak+_2	2600	5000	2450	100%	2600	5000	2450	100%	2600	5000	2450	100%	2600	5000	2450	100%
RTS_R4+_3	RNAP_peak+_3	5050	5525	525	100%	5050	5525	525	100%	5050	5525	525	100%	5050	5525	525	100%
RTS_R4+_4	RNAP_peak+_4	8200	9200	1050	100%	8200	9200	1050	100%	8200	9200	1050	100%	8200	9200	1050	100%
RTS_R4+_5	RNAP_peak+_5	9300	10100	850	88%	9300	10100	850	88%	9300	10100	850	88%	9300	10100	850	88%
RTS_R4+_6	RNAP_peak+_6	12076	14051	2025	100%	12051	14051	2050	100%	12051	14051	2050	100%	12051	14051	2050	100%
RTS_R4+_7	RNAP_peak+_7	14076	15326	1300	98%	14076	15326	1300	100%	14076	15326	1300	100%	14076	15326	1300	100%
RTS_R4+_8	RNAP_peak+_8	15351	16701	1400	100%	15351	16801	1500	100%	15351	16801	1500	100%	15351	16801	1500	100%
RTS_R4+_9	RNAP_peak+_9	17026	17051	75	100%	17026	17051	75	100%	17026	17051	75	100%	16976	17051	125	100%
RTS_R4+_10	RNAP_peak+_10	17576	19701	2175	88%	17576	19701	2175	90%	17576	19701	2175	90%	17576	19701	2175	92%
RTS_R4+_11	RNAP_peak+_11	19801	20476	725	71%	19801	20501	750	79%	19801	20501	750	79%	19801	20501	750	79%
RTS_R4+_12	RNAP_peak+_12	21401	24976	3625	100%	21251	21376	175	50%	21001	21376	425	100%	21001	21376	425	100%
RTS_R4+_13	RNAP_peak+_13					21401	24976	3625	100%	21401	24976	3625	100%	21401	24976	3625	100%
RTS_R4+_14	RNAP_peak+_14	25001	25726	775	100%	25001	25726	775	100%	25001	25726	775	100%	25001	25726	775	100%
RTS_R4+_15	RNAP_peak+_15	25751	28151	2450	75%	25751	28151	2450	75%	25751	28201	2500	75%	25751	28201	2500	75%
RTS_R4+_16	RNAP_peak+_16	28301	29201	950	100%	28301	29201	950	100%	28276	29201	975	100%	28276	29201	975	100%
RTS_R4+_17	RNAP_peak+_17	29555	34055	4550	100%	29555	34055	4550	100%	29555	34055	4550	100%	29555	34055	4550	100%
RTS_R4+_18	RNAP_peak+_18	34234	34784	600	83%	34234	34784	600	83%	34234	34784	600	83%	34234	34784	600	83%
RTS_R4+_19	RNAP_peak+_20	47234	49509	2325	73%	47234	49509	2325	73%	47234	49509	2325	73%	47234	49509	2325	73%
RTS_R4+_20	RNAP_peak+_21	49834	50509	725	89%	49809	50509	750	90%	49809	50509	750	93%	49809	50509	750	93%
RTS_R4+_21	RNAP_peak+_22	57284	58734	1500	92%	57284	58734	1500	92%	57284	58734	1500	92%	57284	58734	1500	92%
RTS_R4+_22	RNAP_peak+_23	58784	59559	825	88%	58784	59559	825	88%	58784	59709	975	82%	58784	59709	975	82%
RTS_R4+_23	RNAP_peak+_24	70184	71159	1025	100%	70184	71184	1050	100%	70184	71184	1050	100%	70184	71184	1050	100%
RTS_R4+_24	RNAP_peak+_25	71234	72284	1100	65%	71234	72284	1100	72%	71234	72284	1100	79%	71234	72284	1100	81%
RTS_R4+_25	RNAP_peak+_26	77409	78609	1250	67%	77409	78909	1550	59%	77409	78909	1550	61%	77409	78909	1550	61%
RTS_R4+_26	RNAP_peak+_27													84359	84734	425	31%
RTS_R4+_27	RNAP_peak+_28	85609	87834	2275	100%	85609	87834	2275	100%	85609	87834	2275	100%	85609	87834	2275	100%
RTS_R4+_28	RNAP_peak+_29	88009	89159	1200	89%	88009	89159	1200	89%	88009	89159	1200	89%	88009	89159	1200	89%
RTS_R4+_29	RNAP_peak+_30	89634	89934	350	100%	89634	89934	350	100%	89634	89934	350	100%	89634	89934	350	100%
RTS_R4+_30	RNAP_peak+_31	89959	90309	400	100%	89959	90309	400	100%	89959	90309	400	100%	89959	90309	400	100%
RTS_R4+_31	RNAP_peak+_32	90334	90684	400	100%	90334	90684	400	100%	90334	90684	400	100%	90334	90684	400	100%
RTS_R4+_32	RNAP_peak+_33	90709	93109	2450	99%	90709	93109	2450	99%	90709	93109	2450	99%	90709	93109	2450	99%
RTS_R4+_33	RNAP_peak+_34	93134	100759	7675	100%	93134	100759	7675	100%	93134	100759	7675	100%	93134	100759	7675	100%
RTS_R4+_34	RNAP_peak+_35	100784	102759	2025	99%	100784	102759	2025	99%	100784	102759	2025	99%	100784	102759	2025	99%
RTS_R4+_35	RNAP_peak+_36	102784	104584	1850	100%	102784	104584	1850	100%	102784	104584	1850	100%	102784	104584	1850	100%
RTS_R4+_36	RNAP_peak+_37	104609	106484	1925	100%	104609	106484	1925	100%	104609	106484	1925	100%	104609	106484	1925	100%
RTS_R4+_37	RNAP_peak+_38	106509	107459	1000	100%	106509	107459	1000	100%	106509	107459	1000	100%	106509	107459	1000	100%
RTS_R4+_38	RNAP_peak+_39	107709	107984	325	100%	107709	107984	325	100%	107709	107984	325	100%	107709	107984	325	100%
RTS_R4+_39	RNAP_peak+_40	108009	111584	3625	92%	108009	111584	3625	92%	108009	111584	3625	92%	108009	111584	3625	92%
RTS_R4+_40	RNAP_peak+_41	113409	114484	1125	100%	113409	114484	1125	100%	113409	114484	1125	100%	113409	114484	1125	100%
RTS_R4+_41	RNAP_peak+_42	118734	120209	1525	78%	118734	120209	1525	78%	118734	120209	1525	78%	118734	120209	1525	80%
RTS_R4+_42	RNAP_peak+_43	122063	122788	775	97%	122063	122788	775	97%	122063	122788	775	97%	122063	122788	775	97%

RTS_R4+_43	RNAP_peak+_44	122988	127588	4650	100%	122988	127588	4650	100%	122988	127588	4650	100%	122988	127588	4650	100%
RTS_R4+_44	RNAP_peak+_45	127638	129321	1733	100%	127638	129321	1733	100%	127638	129321	1733	100%	127638	129321	1733	100%
RTS_R4+_45										129571	129596	75	100%	129571	129596	75	100%
RTS_R4+_46										130246	130671	475	28%	130246	130671	475	28%
RTS_R4+_47	RNAP_peak+_46	131546	134246	2750	100%	131546	134246	2750	100%	131546	134246	2750	100%	131546	134246	2750	100%
RTS_R4+_48	RNAP_peak+_47	134371	134721	400	93%	134371	134721	400	93%	134346	134821	525	95%	134346	134821	525	95%
RTS_R4+_49	RNAP_peak+_48	137071	138596	1575	100%	137071	138596	1575	100%	137071	138596	1575	100%	137071	138596	1575	100%
RTS_R4+_50	RNAP_peak+_49	141371	142471	1150	80%	141371	142546	1225	83%	141371	142546	1225	83%	141371	142596	1275	86%
RTS_R4+_51	RNAP_peak+_50	142721	144771	2100	83%	142646	144771	2175	83%	142646	144946	2350	81%	142646	144946	2350	81%
RTS_R4+_52	RNAP_peak+_51	145121	145971	900	40%	145121	146250	1179	35%	145071	146250	1229	35%	145071	146250	1229	42%
RTS_R4+_53	RNAP_peak+_53	147600	147825	275	90%	147600	147825	275	90%	147600	147825	275	90%	147600	147825	275	90%
RTS_R4+_54	RNAP_peak+_54	162101	164526	2475	81%	162101	164526	2475	82%	162101	164526	2475	82%	162101	164526	2475	82%
RTS_R4+_55	RNAP_peak+_55	164601	167226	2675	92%	164601	167226	2675	92%	164601	167226	2675	92%	164601	167226	2675	92%
RTS_R4+_56	RNAP_peak+_56	167451	169701	2300	97%	167451	169701	2300	97%	167451	169701	2300	97%	167451	169726	2325	98%
RTS_R4+_57	RNAP_peak+_57	169776	173576	3850	40%	169776	173576	3850	40%	169776	173576	3850	41%	169776	173576	3850	53%
RTS_R4+_58	RNAP_peak+_58	174976	176576	1650	80%	174976	176576	1650	85%	174951	176576	1675	89%	174951	176576	1675	97%
RTS_R4+_59	RNAP_peak+_59	176601	177051	500	95%	176601	177051	500	95%	176601	177051	500	95%	176601	177051	500	95%
RTS_R4+_60	RNAP_peak+_60	179226	180582	1406	87%	179226	180582	1406	87%	179226	180582	1406	87%	179226	180582	1406	87%
RTS_R4+_61	RNAP_peak+_61	180882	183457	2625	68%	180882	183582	2750	66%	180882	183582	2750	68%	180882	183582	2750	68%
RTS_R4+_62	RNAP_peak+_62	186157	186832	725	64%	186157	186832	725	64%	186157	186832	725	64%	186157	186832	725	64%
RTS_R4+_63	RNAP_peak+_63	189682	192732	3100	99%	189682	189757	125	100%	189607	189757	200	71%	189607	189757	200	86%
RTS_R4+_64	RNAP_peak+_64	189807	191707	1950	100%	189807	191707	1950	100%	189807	191707	1950	100%	189807	191707	1950	100%
RTS_R4+_65	RNAP_peak+_65	191757	192732	1025	100%	191757	192732	1025	100%	191757	192732	1025	100%	191757	192732	1025	100%
RTS_R4+_66	RNAP_peak+_66	192757	194532	1825	100%	192757	194532	1825	100%	192757	194532	1825	100%	192757	194532	1825	100%
RTS_R4+_67	RNAP_peak+_67	194632	196532	1950	100%	194632	196532	1950	100%	194632	196532	1950	100%	194632	196532	1950	100%
RTS_R4+_68	RNAP_peak+_68	196557	197882	1375	100%	196557	197882	1375	100%	196557	197882	1375	100%	196557	197882	1375	100%
RTS_R4+_69	RNAP_peak+_69	197907	200257	2400	100%	197907	200257	2400	100%	197907	200257	2400	100%	197907	200257	2400	100%
RTS_R4+_70	RNAP_peak+_70	200282	202007	1775	100%	200282	202007	1775	100%	200282	202007	1775	100%	200282	202007	1775	100%
RTS_R4+_71	RNAP_peak+_71	202032	208407	6425	100%	202032	208407	6425	100%	202032	208407	6425	100%	202032	208407	6425	100%
RTS_R4+_72	RNAP_peak+_72	208432	209507	1125	100%	208432	209582	1200	96%	208432	209582	1200	96%	208432	209582	1200	96%
RTS_R4+_73	RNAP_peak+_73	209682	211757	2125	89%	209682	211757	2125	89%	209682	211757	2125	89%	209682	211757	2125	99%
RTS_R4+_74	RNAP_peak+_74	211782	213682	1950	95%	211782	213682	1950	95%	211782	213682	1950	95%	211782	213682	1950	95%
RTS_R4+_75	RNAP_peak+_75	214307	215282	1025	100%	214307	215282	1025	100%	214307	215282	1025	100%	214307	215282	1025	100%
RTS_R4+_76	RNAP_peak+_76	215332	216107	825	100%	215332	216107	825	100%	215332	216107	825	100%	215332	216107	825	100%
RTS_R4+_77	RNAP_peak+_77	222832	223707	925	100%	222832	223707	925	100%	222832	223707	925	100%	222832	223707	925	100%
RTS_R4+_78	RNAP_peak+_78	223732	225607	1925	100%	223732	225607	1925	100%	223732	225607	1925	100%	223732	225607	1925	100%
RTS_R4+_79	RNAP_peak+_79	225632	229012	3430	100%	225632	229012	3430	100%	225632	229012	3430	100%	225632	229012	3430	100%
RTS_R4+_80	RNAP_peak+_80	229162	229862	750	79%	229162	229862	750	79%	229162	229862	750	79%	229162	229862	750	79%
RTS_R4+_81	RNAP_peak+_81	231087	232587	1550	79%	231087	232587	1550	97%	231087	232587	1550	97%	231087	232587	1550	97%
RTS_R4+_82	RNAP_peak+_82	234813	235463	700	85%	234813	235463	700	85%	234813	235463	700	85%	234813	235463	700	85%
RTS_R4+_83	RNAP_peak+_83	235963	236888	975	97%	235963	236888	975	97%	235963	236888	975	97%	235963	236888	975	100%
RTS_R4+_84	RNAP_peak+_84	236938	237038	150	100%	236938	237038	150	100%	236938	237038	150	100%	236938	237038	150	100%
RTS_R4+_85	RNAP_peak+_87	240338	240813	525	100%	240338	240813	525	100%	240338	240813	525	100%	240338	240813	525	100%
RTS_R4+_86	RNAP_peak+_88	243488	245313	1875	89%	243488	245313	1875	89%	243488	245313	1875	89%	243488	245313	1875	89%
RTS_R4+_87	RNAP_peak+_89	247688	248038	400	53%	246913	248038	1175	30%	246913	248038	1175	41%	246688	248038	1400	35%
RTS_R4+_88	RNAP_peak+_90	248138	248338	250	67%	248138	248338	250	67%	248138	248338	250	89%	248138	248338	250	89%

RTS_R4+_89										250538	250788	300	73%	250538	250788	300	73%
RTS_R4+_90	RNAP_peak+_91	250913	251838	975	68%	250913	251838	975	68%	250863	251838	1025	78%	250863	251838	1025	78%
RTS_R4+_91	RNAP_peak+_92	251913	252813	950	51%	251913	252813	950	54%	251913	252813	950	54%	251913	252813	950	57%
RTS_R4+_92	RNAP_peak+_94	253363	253463	150	100%	253363	253463	150	100%	253363	253463	150	100%	253363	253463	150	100%
RTS_R4+_93	RNAP_peak+_95	255938	256438	550	100%	255938	256438	550	100%	255938	256438	550	100%	255938	256438	550	100%
RTS_R4+_94	RNAP_peak+_96	256513	257788	1325	100%	256513	257788	1325	100%	256513	257788	1325	100%	256513	257788	1325	100%
RTS_R4+_95	RNAP_peak+_97	257813	258388	625	88%	257813	258388	625	88%	257813	258388	625	88%	257813	258388	625	88%
RTS_R4+_96	RNAP_peak+_98	259489	261989	2550	98%	259489	261989	2550	98%	259489	261989	2550	98%	259489	261989	2550	98%
RTS_R4+_97	RNAP_peak+_99	262089	262214	175	100%	262089	262214	175	100%	262089	262214	175	100%	262089	262214	175	100%
RTS_R4+_98	RNAP_peak+_100	268364	268514	200	86%	268364	268514	200	86%	268364	268539	225	88%	268364	268539	225	100%
RTS_R4+_99	RNAP_peak+_101	269514	270839	1375	93%	269514	270839	1375	93%	269514	270839	1375	98%	269514	270839	1375	98%
RTS_R4+_100	RNAP_peak+_102	270864	272564	1750	72%	270864	272564	1750	72%	270864	272564	1750	72%	270864	272564	1750	72%
RTS_R4+_101	RNAP_peak+_103	274539	276989	2500	93%	274539	277114	2625	95%	274539	277114	2625	95%	274539	277114	2625	95%
RTS_R4+_102	RNAP_peak+_104	278414	279314	950	65%	278414	279314	950	76%	278414	279314	950	76%	278414	279314	950	76%
RTS_R4+_103	RNAP_peak+_105	289715	290040	375	100%	289715	290040	375	100%	289715	290040	375	100%	289715	290040	375	100%
RTS_R4+_104	RNAP_peak+_106	290065	290540	525	65%	290065	290590	575	73%	290065	290590	575	73%	290065	290590	575	73%
RTS_R4+_105	RNAP_peak+_107	290840	291390	600	17%	290840	291390	600	17%	290765	291390	675	31%	290765	291390	675	31%
RTS_R4+_106	RNAP_peak+_108									294940	295365	475	44%	294940	295365	475	44%
RTS_R4+_107	RNAP_peak+_109	296440	296490	100	100%	296365	296940	625	88%	296365	296940	625	88%	296365	296940	625	88%
RTS_R4+_108	RNAP_peak+_110	302215	303140	975	79%	302215	303140	975	79%	302165	303140	1025	80%	302165	303140	1025	80%
RTS_R4+_109	RNAP_peak+_112									312068	312193	175	100%	312068	312193	175	100%
RTS_R4+_110	RNAP_peak+_113	314493	315693	1250	96%	314493	315693	1250	96%	314493	315693	1250	96%	314493	315693	1250	96%
RTS_R4+_111	RNAP_peak+_114					319468	319743	325	25%	319468	319743	325	25%	319468	319743	325	25%
RTS_R4+_112	RNAP_peak+_115	321518	323393	1925	17%	320818	323693	2925	50%	320818	323868	3100	49%	320818	323868	3100	49%
RTS_R4+_113	RNAP_peak+_116	328693	330368	1725	97%	328693	330368	1725	97%	328693	330368	1725	97%	328693	330368	1725	97%
RTS_R4+_114	RNAP_peak+_117	330393	330643	300	100%	330393	330643	300	100%	330393	330768	425	94%	330393	330768	425	94%
RTS_R4+_115	RNAP_peak+_118	331393	332618	1275	46%	331393	332618	1275	46%	331393	332618	1275	46%	331293	332618	1375	81%
RTS_R4+_116	RNAP_peak+_119									334943	338943	4050	9%	334943	338943	4050	9%
RTS_R4+_117	RNAP_peak+_120									339218	340093	925	11%	339218	340093	925	11%
RTS_R4+_118	RNAP_peak+_121	340468	341793	1375	80%	340368	341793	1475	76%	340368	341793	1475	76%	340368	341793	1475	76%
RTS_R4+_119	RNAP_peak+_122	342018	343118	1150	100%	341968	343118	1200	100%	341968	343118	1200	100%	341968	343143	1225	100%
RTS_R4+_120	RNAP_peak+_124	344493	344643	200	100%	344493	344643	200	100%	344493	344643	200	100%	344493	344643	200	100%
RTS_R4+_121	RNAP_peak+_125	345693	345943	300	100%	345693	345968	325	100%	345693	345968	325	100%	345668	346043	425	88%
RTS_R4+_122	RNAP_peak+_126									347893	353543	5700	28%	347893	353543	5700	28%
RTS_R4+_123	RNAP_peak+_127	354143	357043	2950	96%	354143	357043	2950	96%	354143	357043	2950	96%	354143	357043	2950	96%
RTS_R4+_124	RNAP_peak+_128					372727	374027	1350	21%	368052	374027	6025	8%	368052	374027	6025	8%
RTS_R4+_125	RNAP_peak+_129	374177	374552	425	69%	374177	374552	425	69%	374152	375852	1750	36%	374152	375852	1750	36%
RTS_R4+_126	RNAP_peak+_130	375977	376952	1025	88%	375977	376952	1025	88%	375977	376952	1025	88%	375977	376952	1025	90%
RTS_R4+_127	RNAP_peak+_131	380506	381781	1325	98%	380506	381781	1325	98%	380506	381781	1325	98%	380506	381781	1325	98%
RTS_R4+_128	RNAP_peak+_132					382156	382331	225	75%	382156	382581	475	89%	382156	382581	475	89%
RTS_R4+_129	RNAP_peak+_133	385781	386681	950	14%	385531	387831	2350	19%	385531	387831	2350	24%	384456	387831	3425	16%
RTS_R4+_130	RNAP_peak+_135	390961	391361	450	94%	390961	391361	450	94%	390961	391361	450	94%	390961	391361	450	94%
RTS_R4+_131	RNAP_peak+_137	395636	396775	1189	46%	395636	396775	1189	57%	395536	396775	1289	64%	395536	396775	1289	70%
RTS_R4+_132	RNAP_peak+_138	396900	398179	1329	94%	396900	398179	1329	94%	396875	398179	1354	94%	396875	398179	1354	94%
RTS_R4+_133	RNAP_peak+_139	398804	399229	475	72%	398804	399229	475	72%	398804	399379	625	71%	398804	399379	625	71%
RTS_R4+_134	RNAP_peak+_140	400579	400929	400	100%	400579	400929	400	100%	400579	400929	400	100%	400579	400954	425	100%

RTS_R4+_135	RNAP_peak+_141	400979	402829	1900	64%	400979	402829	1900	64%	400979	402829	1900	64%	400979	402829	1900	64%
RTS_R4+_136	RNAP_peak+_142									402980	404030	1100	14%	402980	404030	1100	14%
RTS_R4+_137	RNAP_peak+_143	405005	405430	475	100%	405005	405430	475	100%	405005	405430	475	100%	405005	405455	500	100%
RTS_R4+_138	RNAP_peak+_144	405530	406180	700	100%	405530	406180	700	100%	405530	406180	700	100%	405530	406180	700	100%
RTS_R4+_139	RNAP_peak+_145	406205	406530	375	79%	406205	406530	375	79%	406205	406530	375	79%	406205	406530	375	79%
RTS_R4+_140	RNAP_peak+_146	406555	407380	875	85%	406555	407380	875	85%	406555	407380	875	85%	406555	407380	875	85%
RTS_R4+_141	RNAP_peak+_147	407405	407680	325	92%	407405	407680	325	100%	407405	407680	325	100%	407405	407680	325	100%
RTS_R4+_142	RNAP_peak+_148	407855	408030	225	63%	407780	408280	550	57%	407780	408280	550	71%	407780	408280	550	71%
RTS_R4+_143	RNAP_peak+_149	409380	410605	1275	86%	409380	410605	1275	86%	409355	410605	1300	86%	409305	410605	1350	91%
RTS_R4+_144		415556	416016	510	58%	415456	416281	875	97%	415456	416281	875	97%	415456	416281	875	97%
RTS_R4+_145	RNAP_peak+_150	416181	418181	2050	49%	416381	418381	2050	93%	416381	418381	2050	93%	416381	418381	2050	93%
RTS_R4+_146	RNAP_peak+_151	418681	420106	1475	95%	418581	420106	1575	92%	418581	420106	1575	92%	418581	420106	1575	92%
RTS_R4+_147	RNAP_peak+_152	420206	421606	1450	65%	420206	421606	1450	65%	420206	421606	1450	65%	420206	421606	1450	65%
RTS_R4+_148	RNAP_peak+_153	421806	423656	1900	59%	421806	423656	1900	59%	421806	423656	1900	60%	421806	423656	1900	60%
RTS_R4+_149	RNAP_peak+_154	424231	426056	1875	99%	424231	426056	1875	99%	424231	426056	1875	99%	424231	426056	1875	99%
RTS_R4+_150	RNAP_peak+_155	426081	426481	450	100%	426081	426481	450	100%	426081	426481	450	100%	426081	426481	450	100%
RTS_R4+_151	RNAP_peak+_156	426531	426831	350	100%	426531	426831	350	100%	426531	426831	350	100%	426531	426831	350	100%
RTS_R4+_152	RNAP_peak+_157	426859	429709	2900	100%	426859	429709	2900	100%	426859	429709	2900	100%	426859	429709	2900	100%
RTS_R4+_153	RNAP_peak+_158	429809	430284	525	85%	429809	430284	525	85%	429809	430284	525	85%	429809	430284	525	90%
RTS_R4+_154	RNAP_peak+_159	432212	433712	1550	100%	432212	433712	1550	100%	432212	433712	1550	100%	432212	433712	1550	100%
RTS_R4+_155	RNAP_peak+_160	433737	435712	2025	100%	433737	435712	2025	100%	433737	435712	2025	100%	433737	435712	2025	100%
RTS_R4+_156	RNAP_peak+_161	435737	436337	650	92%	435737	436337	650	92%	435737	436337	650	92%	435737	436337	650	92%
RTS_R4+_157	RNAP_peak+_162	437412	437662	300	91%	437412	437687	325	92%	437412	437687	325	92%	437412	437687	325	92%
RTS_R4+_158	RNAP_peak+_163	440712	442212	1550	100%	440712	442212	1550	100%	440712	442212	1550	100%	440712	442212	1550	100%
RTS_R4+_159	RNAP_peak+_164	443812	444487	725	93%	443812	444487	725	96%	443812	444487	725	100%	443812	444487	725	100%
RTS_R4+_160	RNAP_peak+_165	453612	454037	475	100%	453612	454037	475	100%	453612	454037	475	100%	453587	454037	500	100%
RTS_R4+_161	RNAP_peak+_166	454112	455762	1700	99%	454112	455762	1700	99%	454112	455762	1700	99%	454112	455762	1700	99%
RTS_R4+_162	RNAP_peak+_167	455812	457912	2150	100%	455812	457912	2150	100%	455812	457912	2150	100%	455787	457912	2175	100%
RTS_R4+_163	RNAP_peak+_168	458055	459055	1050	100%	458005	459055	1100	100%	458005	459055	1100	100%	457980	459055	1125	100%
RTS_R4+_164	RNAP_peak+_169	459080	460555	1525	100%	459080	460555	1525	100%	459080	460555	1525	100%	459080	460555	1525	100%
RTS_R4+_165	RNAP_peak+_170	460580	461005	475	94%	460580	461005	475	94%	460580	461005	475	94%	460580	461005	475	100%
RTS_R4+_166	RNAP_peak+_171	461030	463930	2950	74%	461030	464005	3025	78%	461030	464005	3025	79%	461030	464005	3025	82%
RTS_R4+_167	RNAP_peak+_172	466630	467430	850	42%	466630	467430	850	67%	466630	467480	900	66%	466630	467480	900	66%
RTS_R4+_168	RNAP_peak+_173	467605	469505	1950	32%	467605	469505	1950	32%	467605	469505	1950	36%	467605	469505	1950	43%
RTS_R4+_169	RNAP_peak+_174	470330	471605	1325	21%	470330	471605	1325	21%	470330	471605	1325	21%	470330	471605	1325	25%
RTS_R4+_170	RNAP_peak+_175													471805	472130	375	100%
RTS_R4+_171	RNAP_peak+_176	472330	473430	1150	58%	472330	473430	1150	58%	472330	473430	1150	58%	472155	473480	1375	100%
RTS_R4+_172	RNAP_peak+_177	474555	475155	650	100%	474555	475155	650	100%	474555	475155	650	100%	474555	475155	650	100%
RTS_R4+_173	RNAP_peak+_178	475680	475780	150	100%	475680	475780	150	100%	475680	475780	150	100%	475680	475780	150	100%
RTS_R4+_174	RNAP_peak+_179	476030	476080	100	67%	475880	476080	250	56%	475880	476255	425	69%	475880	476255	425	69%
RTS_R4+_175	RNAP_peak+_180									477905	478980	1125	25%	477905	478980	1125	25%
RTS_R4+_176	RNAP_peak+_181	484983	485533	600	70%	484983	485533	600	70%	484983	485533	600	70%	484983	485533	600	70%
RTS_R4+_177	RNAP_peak+_182	485733	489283	3600	91%	485733	489283	3600	91%	485733	489283	3600	91%	485733	489283	3600	91%
RTS_R4+_178	RNAP_peak+_183	490108	490508	450	94%	490108	490508	450	94%	490108	490508	450	94%	490108	490508	450	94%
RTS_R4+_179	RNAP_peak+_184	490533	491208	725	100%	490533	491208	725	100%	490533	491208	725	100%	490533	491208	725	100%
RTS_R4+_180	RNAP_peak+_185	491283	493058	1825	99%	491283	493058	1825	99%	491283	493058	1825	99%	491283	493058	1825	99%

RTS_R4+_181	RNAP_peak+_186	493083	494233	1200	100%	493083	494233	1200	100%	493083	494233	1200	100%	493083	494233	1200	100%
RTS_R4+_182	RNAP_peak+_187	494308	496158	1900	99%	494308	496183	1925	100%	494308	496183	1925	100%	494308	496183	1925	100%
RTS_R4+_183	RNAP_peak+_188	496383	497183	850	97%	496383	497183	850	97%	496383	497183	850	97%	496383	497183	850	97%
RTS_R4+_184	RNAP_peak+_189	497283	498108	875	91%	497283	498108	875	91%	497283	498108	875	91%	497283	498108	875	91%
RTS_R4+_185	RNAP_peak+_190	499362	500787	1475	93%	499362	500787	1475	93%	499362	500787	1475	93%	499362	500787	1475	93%
RTS_R4+_186	RNAP_peak+_191	504137	505864	1777	97%	504137	505864	1777	97%	504137	505864	1777	97%	504137	505864	1777	97%
RTS_R4+_187	RNAP_peak+_192	506439	506464	75	100%	506439	506464	75	100%	506264	506489	275	90%	506264	506489	275	90%
RTS_R4+_188	RNAP_peak+_193	507439	508039	650	88%	507439	508039	650	92%	507439	508039	650	92%	507414	508039	675	92%
RTS_R4+_189	RNAP_peak+_194	510839	513114	2325	97%	510839	513114	2325	97%	510814	513114	2350	99%	510814	513114	2350	99%
RTS_R4+_190	RNAP_peak+_195	513139	513889	800	90%	513139	513889	800	94%	513139	513889	800	94%	513139	513889	800	94%
RTS_R4+_191	RNAP_peak+_196	515139	516639	1550	72%	515139	516639	1550	72%	515139	516639	1550	72%	515139	516639	1550	74%
RTS_R4+_192	RNAP_peak+_197	518414	522014	3650	52%	518414	522014	3650	57%	518414	522014	3650	57%	518414	522014	3650	60%
RTS_R4+_193	RNAP_peak+_198	522489	526339	3900	15%	522489	526339	3900	16%	522489	526339	3900	22%	522439	526339	3950	23%
RTS_R4+_194	RNAP_peak+_199	526539	527864	1375	24%	526539	527864	1375	35%	526539	527864	1375	37%	526514	527864	1400	44%
RTS_R4+_195		531889	532114	275	40%	531889	532114	275	40%	531889	532114	275	40%	531639	532114	525	20%
RTS_R4+_196	RNAP_peak+_202	532214	532864	700	100%	532214	532864	700	100%	532214	532864	700	100%	532214	532864	700	100%
RTS_R4+_197	RNAP_peak+_203	532889	533039	200	100%	532889	533039	200	100%	532889	533039	200	100%	532889	533039	200	100%
RTS_R4+_198										534064	534514	500	89%	534064	534514	500	89%
RTS_R4+_199		541264	542039	825	41%	541264	542039	825	41%	541214	542039	875	53%	541214	542039	875	56%
RTS_R4+_200	RNAP_peak+_208	553814	555314	1550	97%	553814	555314	1550	97%	553814	555314	1550	97%	553814	555314	1550	98%
RTS_R4+_201	RNAP_peak+_210	563939	564139	250	78%	563939	564139	250	78%	563939	564139	250	78%	563939	564139	250	78%
RTS_R4+_202	RNAP_peak+_212	566014	567439	1475	91%	566014	567439	1475	91%	566014	567439	1475	91%	566014	567439	1475	91%
RTS_R4+_203	RNAP_peak+_213	567539	567839	350	92%	567539	567839	350	92%	567539	567839	350	92%	567539	567839	350	92%
RTS_R4+_204	RNAP_peak+_215	570441	571391	1000	23%	570441	571466	1075	38%	570141	571516	1425	61%	570141	571516	1425	75%
RTS_R4+_205	RNAP_peak+_218									576091	576449	408	93%	576091	576449	408	93%
RTS_R4+_206	RNAP_peak+_219									576699	577274	625	17%	576699	577274	625	17%
RTS_R4+_207	RNAP_peak+_220					578978	579653	725	32%	578978	579653	725	32%	578953	579653	750	34%
RTS_R4+_208	RNAP_peak+_221									580790	581140	400	20%	580790	581140	400	20%
RTS_R4+_209	RNAP_peak+_222	582915	583440	575	64%	582915	583440	575	64%	582865	583815	1000	46%	582840	583815	1025	55%
RTS_R4+_210	RNAP_peak+_223	585290	585315	75	100%	585215	585315	150	80%	585215	585315	150	80%	585215	585315	150	80%
RTS_R4+_211	RNAP_peak+_225					596295	596570	325	50%	596295	600695	4450	10%	596295	600695	4450	10%
RTS_R4+_212	RNAP_peak+_226	601170	602520	1400	73%	601170	602520	1400	73%	601170	602520	1400	73%	601170	602520	1400	73%
RTS_R4+_213	RNAP_peak+_228	607245	608545	1350	100%	607245	608545	1350	100%	607245	608545	1350	100%	607245	608545	1350	100%
RTS_R4+_214		611970	617245	5325	10%	611970	617245	5325	18%	611945	617371	5476	29%	611945	617371	5476	96%
RTS_R4+_215	RNAP_peak+_230	621496	622596	1150	13%	621496	622596	1150	13%	621496	622596	1150	13%	621496	622721	1275	64%
RTS_R4+_216	RNAP_peak+_231	624121	628771	4700	34%	624121	628771	4700	34%	624096	628896	4850	55%	624096	628971	4925	100%
RTS_R4+_217	RNAP_peak+_232	629096	631746	2700	98%	629096	631746	2700	98%	629096	631996	2950	98%	629046	631996	3000	97%
RTS_R4+_218	RNAP_peak+_233	632796	633871	1125	95%	632796	634146	1400	91%	632796	634146	1400	91%	632796	634146	1400	91%
RTS_R4+_219	RNAP_peak+_234	637871	640549	2728	99%	637871	640549	2728	99%	637871	640549	2728	99%	637871	640549	2728	100%
RTS_R4+_220	RNAP_peak+_235	641324	642506	1232	35%	641324	642506	1232	38%	641324	642506	1232	40%	641274	642581	1357	77%
RTS_R4+_221	RNAP_peak+_236	651849	653724	1925	50%	651849	653724	1925	55%	651849	653724	1925	55%	651849	653724	1925	55%
RTS_R4+_222	RNAP_peak+_237					656024	656124	150	60%	656024	656124	150	60%	655824	656124	350	38%
RTS_R4+_223	RNAP_peak+_238	656474	656799	375	86%	656474	656799	375	86%	656474	656799	375	93%	656474	656799	375	93%
RTS_R4+_224	RNAP_peak+_239	657249	657949	750	76%	657249	657949	750	76%	657199	657974	825	100%	657199	657974	825	100%
RTS_R4+_225	RNAP_peak+_240	658049	658374	375	100%	658049	658374	375	100%	658024	658374	400	100%	658024	658374	400	100%
RTS_R4+_226	RNAP_peak+_241									663280	663505	275	70%	663280	663505	275	70%

RTS_R4+_227	RNAP_peak+_242	674180	674855	725	93%	674180	674955	825	84%	674180	674955	825	97%	674180	674980	850	97%
RTS_R4+_228	RNAP_peak+_245	694330	695530	1250	98%	694330	695530	1250	98%	694330	695630	1350	98%	694330	695630	1350	98%
RTS_R4+_229	RNAP_peak+_246					696080	696655	625	42%	695830	696655	875	56%	695830	696655	875	56%
RTS_R4+_230	RNAP_peak+_247	702780	705055	2325	91%	702780	705055	2325	91%	702780	705055	2325	95%	702680	705055	2425	100%
RTS_R4+_231	RNAP_peak+_248	705280	707155	1925	100%	705255	707155	1950	100%	705180	707155	2025	97%	705180	707155	2025	97%
RTS_R4+_232	RNAP_peak+_250									709980	710055	125	100%	709980	710055	125	100%
RTS_R4+_233	RNAP_peak+_251	712105	714580	2525	96%	712105	714580	2525	96%	712105	714580	2525	96%	712105	714580	2525	96%
RTS_R4+_234	RNAP_peak+_252									715530	715555	75	100%	715530	715555	75	100%
RTS_R4+_235	RNAP_peak+_253	728330	728555	275	100%	728305	728630	375	86%	728255	728630	425	81%	728255	728655	450	82%
RTS_R4+_236	RNAP_peak+_254	728805	732430	3675	29%	728755	733180	4475	28%	728755	733180	4475	33%	728755	733180	4475	34%
RTS_R4+_237	RNAP_peak+_255	733705	734305	650	56%	733530	734305	825	44%	733530	734305	825	56%	733530	734305	825	56%
RTS_R4+_238	RNAP_peak+_256	734605	734730	175	33%	734605	734730	175	50%	734505	735655	1200	17%	734505	735655	1200	19%
RTS_R4+_239	RNAP_peak+_260	738183	740133	2000	67%	738183	740133	2000	67%	738183	740533	2400	61%	738183	740533	2400	65%
RTS_R4+_240	RNAP_peak+_261	741908	744558	2700	100%	741908	744558	2700	100%	741908	744558	2700	100%	741908	744558	2700	100%
RTS_R4+_241	RNAP_peak+_262	744608	746408	1850	82%	744608	746408	1850	82%	744608	746408	1850	82%	744608	746408	1850	82%
RTS_R4+_242	RNAP_peak+_263									746833	747608	825	38%	746833	747633	850	39%
RTS_R4+_243	RNAP_peak+_264	754158	754683	575	100%	754158	754683	575	100%	754158	754683	575	100%	754158	754683	575	100%
RTS_R4+_244	RNAP_peak+_265	754708	757683	3025	100%	754708	757683	3025	100%	754708	757683	3025	100%	754708	757683	3025	100%
RTS_R4+_245	RNAP_peak+_266	757758	764333	6625	100%	757758	764333	6625	100%	757758	764333	6625	100%	757758	764658	6950	95%
RTS_R4+_246	RNAP_peak+_267	767708	768983	1325	33%	767058	769633	2625	23%	765558	769633	4125	20%	765558	769633	4125	20%
RTS_R4+_247	RNAP_peak+_268	770433	773258	2875	100%	770408	773258	2900	100%	770383	773258	2925	100%	770383	773258	2925	100%
RTS_R4+_248	RNAP_peak+_269	773283	773583	350	92%	773283	773583	350	92%	773283	773583	350	92%	773283	773583	350	92%
RTS_R4+_249	RNAP_peak+_269	773608	773808	250	89%	773608	773808	250	100%	773608	773808	250	100%	773608	773808	250	100%
RTS_R4+_250	RNAP_peak+_270	773958	776708	2800	99%	773958	776708	2800	99%	773958	776708	2800	99%	773958	776708	2800	99%
RTS_R4+_251	RNAP_peak+_271	776733	779733	3050	100%	776733	779733	3050	100%	776733	779733	3050	100%	776733	779733	3050	100%
RTS_R4+_252	RNAP_peak+_272	779758	780233	525	100%	779758	780233	525	100%	779758	780233	525	100%	779758	780233	525	100%
RTS_R4+_253	RNAP_peak+_273	780258	780458	250	100%	780258	780458	250	100%	780258	780458	250	100%	780258	780458	250	100%
RTS_R4+_254	RNAP_peak+_274	780483	781033	600	96%	780483	781033	600	96%	780483	781033	600	96%	780483	781033	600	96%
RTS_R4+_255	RNAP_peak+_275	781258	782158	950	100%	781258	782158	950	100%	781258	782158	950	100%	781258	782158	950	100%
RTS_R4+_256	RNAP_peak+_276	782183	783408	1275	100%	782183	783508	1375	96%	782183	783508	1375	96%	782183	783508	1375	96%
RTS_R4+_257	RNAP_peak+_277	784833	786008	1225	100%	784833	786008	1225	100%	784833	786008	1225	100%	784833	786008	1225	100%
RTS_R4+_258	RNAP_peak+_278									786933	786983	100	100%	786933	786983	100	100%
RTS_R4+_259	RNAP_peak+_279	793833	794133	350	85%	793833	794133	350	85%	793833	794133	350	85%	793833	794133	350	85%
RTS_R4+_260	RNAP_peak+_280	794308	796708	2450	82%	794308	796708	2450	82%	794308	796708	2450	82%	794308	796733	2475	94%
RTS_R4+_261	RNAP_peak+_281	797583	797708	175	100%	797583	797708	175	100%	797583	797708	175	100%	797533	797708	225	88%
RTS_R4+_262	RNAP_peak+_282	797733	798808	1125	100%	797733	798808	1125	100%	797733	798808	1125	100%	797733	798808	1125	100%
RTS_R4+_263	RNAP_peak+_283	808556	812181	3675	100%	808556	812181	3675	100%	808556	812181	3675	100%	808504	812306	3852	97%
RTS_R4+_264	RNAP_peak+_284	812531	814913	2432	94%	812531	814913	2432	95%	812531	814913	2432	95%	812531	814913	2432	96%
RTS_R4+_265	RNAP_peak+_285	816165	817240	1125	100%	816090	817240	1200	100%	816090	817240	1200	100%	816090	817240	1200	100%
RTS_R4+_266	RNAP_peak+_286	817265	819040	1825	97%	817265	819040	1825	97%	817265	819040	1825	97%	817265	819040	1825	97%
RTS_R4+_267	RNAP_peak+_287	819115	819815	750	100%	819115	819815	750	100%	819115	819815	750	100%	819115	819815	750	100%
RTS_R4+_268	RNAP_peak+_288	820790	820865	125	100%	820790	820865	125	100%	820790	820865	125	100%	820790	820890	150	100%
RTS_R4+_269	RNAP_peak+_289	823865	824215	400	80%	823865	824215	400	80%	823865	824390	575	86%	823865	824390	575	86%
RTS_R4+_270	RNAP_peak+_290	830040	831590	1600	76%	830040	831590	1600	76%	830040	831590	1600	79%	830040	831590	1600	79%
RTS_R4+_271	RNAP_peak+_291	832290	834290	2050	33%	832290	834290	2050	33%	832290	834290	2050	37%	832290	834290	2050	40%
RTS_R4+_272	RNAP_peak+_292	834390	835421	1081	98%	834390	835421	1081	98%	834390	835421	1081	98%	834390	835421	1081	100%

RTS_R4+_273	RNAP_peak+_293	835571	836821	1300	98%	835571	836821	1300	98%	835571	836821	1300	98%	835571	836821	1300	98%
RTS_R4+_274	RNAP_peak+_294	837821	838071	300	55%	837821	838071	300	55%	837821	838296	525	45%	837821	838296	525	45%
RTS_R4+_275	RNAP_peak+_295	841546	842446	950	92%	841546	842446	950	92%	841546	842446	950	92%	841546	842446	950	92%
RTS_R4+_276	RNAP_peak+_296	849447	850172	775	100%	849447	850197	800	100%	849322	850197	925	97%	849322	850197	925	97%
RTS_R4+_277	RNAP_peak+_297	852347	853947	1650	89%	852347	853947	1650	89%	852322	853947	1675	89%	852322	854047	1775	86%
RTS_R4+_278	RNAP_peak+_298	855122	856722	1650	98%	855122	856722	1650	98%	855122	856847	1775	94%	855122	856847	1775	94%
RTS_R4+_279	RNAP_peak+_299									859200	859675	525	50%	859172	859675	553	52%
RTS_R4+_280	RNAP_peak+_300	862925	863500	625	38%	862925	863500	625	46%	862925	863500	625	50%	862900	863500	650	64%
RTS_R4+_281	RNAP_peak+_301	865775	870750	5025	99%	865775	870750	5025	99%	865775	870750	5025	99%	865750	870750	5050	100%
RTS_R4+_282	RNAP_peak+_302	870800	872000	1250	92%	870800	872000	1250	92%	870800	872000	1250	92%	870800	872000	1250	94%
RTS_R4+_283	RNAP_peak+_303	872150	875975	3875	88%	872150	875975	3875	88%	872150	875975	3875	88%	872150	875975	3875	88%
RTS_R4+_284	RNAP_peak+_304	877475	877850	425	44%	877450	877850	450	100%	877350	877850	550	86%	877350	877850	550	86%
RTS_R4+_285	RNAP_peak+_305	877900	878800	950	38%	877900	878800	950	38%	877900	878950	1100	56%	877900	878950	1100	86%
RTS_R4+_286	RNAP_peak+_306	879860	881110	1300	100%	879860	881135	1325	100%	879860	881135	1325	100%	879860	881135	1325	100%
RTS_R4+_287	RNAP_peak+_307	882935	884235	1350	81%	882835	884235	1450	81%	882810	884435	1675	92%	882810	884435	1675	92%
RTS_R4+_288	RNAP_peak+_308	886835	887185	400	27%	886835	887185	400	27%	886685	887185	550	48%	886685	887185	550	48%
RTS_R4+_289	RNAP_peak+_309	889204	889529	375	57%	889204	889604	450	82%	889204	889604	450	82%	889154	889604	500	84%
RTS_R4+_290	RNAP_peak+_310	890129	891229	1150	100%	890129	891229	1150	100%	890129	891229	1150	100%	890129	891229	1150	100%
RTS_R4+_291	RNAP_peak+_311	891279	892029	800	97%	891279	892029	800	97%	891279	892029	800	97%	891279	892029	800	97%
RTS_R4+_292	RNAP_peak+_312	892104	892629	575	100%	892104	892629	575	100%	892104	892629	575	100%	892104	892629	575	100%
RTS_R4+_293	RNAP_peak+_313	892879	897107	4278	89%	892879	897107	4278	90%	892879	897107	4278	91%	892879	897107	4278	97%
RTS_R4+_294	RNAP_peak+_314	897232	897657	475	89%	897232	897657	475	89%	897232	897657	475	89%	897232	897657	475	89%
RTS_R4+_295	RNAP_peak+_315	897707	898957	1300	61%	897707	898957	1300	61%	897707	898957	1300	61%	897707	898957	1300	61%
RTS_R4+_296	RNAP_peak+_316	903782	905157	1425	95%	903782	905157	1425	95%	903757	905182	1475	100%	903757	905182	1475	100%
RTS_R4+_297	RNAP_peak+_317					905482	905707	275	80%	905282	905907	675	77%	905282	905907	675	77%
RTS_R4+_298	RNAP_peak+_318	914133	914383	300	55%	914108	914383	325	58%	913958	914383	475	78%	913958	914383	475	78%
RTS_R4+_299	RNAP_peak+_319	915583	917258	1725	68%	915583	917258	1725	68%	915583	917283	1750	81%	915583	917283	1750	81%
RTS_R4+_300	RNAP_peak+_320	918408	921085	2727	94%	918408	921085	2727	94%	918408	921085	2727	94%	918408	921085	2727	94%
RTS_R4+_301	RNAP_peak+_321	921160	922060	950	92%	921135	922060	975	100%	921135	922060	975	100%	921135	922060	975	100%
RTS_R4+_302	RNAP_peak+_322	922085	924773	2738	100%	922085	924773	2738	100%	922085	924898	2863	96%	922085	924898	2863	96%
RTS_R4+_303	RNAP_peak+_323	931584	932409	875	100%	931584	932409	875	100%	931584	932409	875	100%	931584	932409	875	100%
RTS_R4+_304	RNAP_peak+_324	932434	936484	4100	99%	932434	936484	4100	99%	932434	936484	4100	99%	932434	936484	4100	99%
RTS_R4+_305	RNAP_peak+_325	936509	938634	2175	97%	936509	938634	2175	97%	936509	938634	2175	97%	936509	938634	2175	98%
RTS_R4+_306	RNAP_peak+_326	938659	939859	1250	100%	938659	939859	1250	100%	938659	939859	1250	100%	938659	939934	1325	100%
RTS_R4+_307	RNAP_peak+_327	940234	942784	2600	7%	940084	943859	3825	64%	940084	943859	3825	64%	940084	943859	3825	64%
RTS_R4+_308	RNAP_peak+_328	945084	946059	1025	90%	945084	946059	1025	90%	945084	946059	1025	90%	945084	946059	1025	90%
RTS_R4+_309	RNAP_peak+_329	946084	946234	200	100%	946084	946234	200	100%	946084	946234	200	100%	946084	946234	200	100%
RTS_R4+_310	RNAP_peak+_331	948909	949459	600	35%	948909	949459	600	35%	948909	949459	600	35%	948909	949484	625	46%
RTS_R4+_311	RNAP_peak+_332	955961	956686	775	73%	955961	956736	825	78%	955961	956786	875	100%	955961	956786	875	100%
RTS_R4+_312	RNAP_peak+_333	956836	959336	2550	100%	956836	959336	2550	100%	956836	959336	2550	100%	956836	959336	2550	100%
RTS_R4+_313	RNAP_peak+_334									959636	960161	575	50%	959636	960161	575	50%
RTS_R4+_314	RNAP_peak+_335	960411	960911	550	100%	960361	960911	600	100%	960361	960911	600	100%	960361	960911	600	100%
RTS_R4+_315	RNAP_peak+_336	960936	963011	2125	100%	960936	963011	2125	100%	960936	963011	2125	100%	960936	963011	2125	100%
RTS_R4+_316	RNAP_peak+_337	963036	963311	325	100%	963036	963336	350	100%	963036	963336	350	100%	963036	963336	350	100%
RTS_R4+_317	RNAP_peak+_338									963561	965037	1526	18%	963561	965037	1526	18%
RTS_R4+_318	RNAP_peak+_339	965837	969287	3500	83%	965837	969287	3500	83%	965837	969337	3550	83%	965837	969337	3550	83%

RTS_R4+_319	RNAP_peak+_340	969887	970737	900	100%	969887	970737	900	100%	969887	970737	900	100%	969887	970737	900	100%
RTS_R4+_320		970962	971237	325	92%	970962	971887	975	79%	970962	971887	975	79%	970962	971887	975	95%
RTS_R4+_321	RNAP_peak+_341	972737	979937	7250	100%	972737	979937	7250	100%	972737	979937	7250	100%	972737	979937	7250	100%
RTS_R4+_322	RNAP_peak+_342	980187	982112	1975	92%	980187	982112	1975	92%	980187	982112	1975	100%	980187	982112	1975	100%
RTS_R4+_323	RNAP_peak+_343	982187	982837	700	100%	982187	982837	700	100%	982137	982837	750	100%	982137	982837	750	100%
RTS_R4+_324	RNAP_peak+_344	982862	983687	875	97%	982862	983687	875	97%	982862	983687	875	97%	982862	983687	875	97%
RTS_R4+_325	RNAP_peak+_345									985188	985413	275	50%	985188	985413	275	50%
RTS_R4+_326	RNAP_peak+_346	986467	986742	325	58%	986467	986917	500	47%	986467	986967	550	67%	986467	986967	550	67%
RTS_R4+_327	RNAP_peak+_347	989717	992442	2775	98%	989717	992442	2775	98%	989717	992442	2775	98%	989717	992442	2775	99%
RTS_R4+_328	RNAP_peak+_349	1003968	1004993	1075	100%	1003968	1004993	1075	100%	1003968	1004993	1075	100%	1003968	1004993	1075	100%
RTS_R4+_329	RNAP_peak+_350	1005068	1005793	775	100%	1005068	1005793	775	100%	1005068	1005793	775	100%	1005068	1005793	775	100%
RTS_R4+_330	RNAP_peak+_351	1006918	1010893	4025	100%	1006918	1010893	4025	100%	1006918	1010893	4025	100%	1006918	1010893	4025	100%
RTS_R4+_331	RNAP_peak+_352	1010918	1014643	3775	79%	1010918	1014643	3775	79%	1010918	1014643	3775	89%	1010918	1014643	3775	89%
RTS_R4+_332	RNAP_peak+_353	1014893	1015268	425	75%	1014843	1015293	500	84%	1014793	1015293	550	81%	1014793	1015293	550	90%
RTS_R4+_333	RNAP_peak+_354	1017718	1018118	450	94%	1017718	1018143	475	100%	1017718	1018143	475	100%	1017718	1018143	475	100%
RTS_R4+_334	RNAP_peak+_355									1019543	1020118	625	88%	1019543	1020118	625	88%
RTS_R4+_335	RNAP_peak+_356	1020393	1020818	475	83%	1020393	1020943	600	74%	1020393	1021018	675	73%	1020368	1021018	700	81%
RTS_R4+_336	RNAP_peak+_357	1023693	1025743	2100	95%	1023693	1025743	2100	95%	1023693	1025743	2100	95%	1023693	1025743	2100	96%
RTS_R4+_337	RNAP_peak+_358	1027143	1027568	475	100%	1027093	1027568	525	100%	1026993	1027661	718	81%	1026993	1027661	718	85%
RTS_R4+_338	RNAP_peak+_359	1029211	1029712	551	71%	1029186	1029737	601	91%	1029186	1029737	601	91%	1029186	1029737	601	91%
RTS_R4+_339	RNAP_peak+_360									1030712	1030787	125	100%	1030712	1030787	125	100%
RTS_R4+_340	RNAP_peak+_361									1031212	1036362	5200	40%	1031212	1036362	5200	41%
RTS_R4+_341	RNAP_peak+_362	1037062	1039812	2800	52%	1037062	1039812	2800	52%	1037062	1039812	2800	52%	1036962	1039812	2900	69%
RTS_R4+_342	RNAP_peak+_363	1039862	1041237	1425	50%	1039862	1041237	1425	52%	1039862	1041237	1425	52%	1039862	1041237	1425	63%
RTS_R4+_343	RNAP_peak+_364	1049037	1049637	650	80%	1049037	1049687	700	85%	1049037	1049937	950	70%	1049037	1049937	950	70%
RTS_R4+_344	RNAP_peak+_367	1051237	1051437	250	100%	1051237	1051512	325	83%	1051237	1051562	375	79%	1051237	1051562	375	79%
RTS_R4+_345	RNAP_peak+_368					1055512	1056287	825	6%	1055512	1056287	825	44%	1055512	1056287	825	44%
RTS_R4+_346	RNAP_peak+_369									1057487	1059787	2350	9%	1057487	1059787	2350	9%
RTS_R4+_347	RNAP_peak+_370									1060837	1061362	575	23%	1060837	1061362	575	23%
RTS_R4+_348	RNAP_peak+_372	1064812	1065912	1150	87%	1064812	1065912	1150	87%	1064812	1066037	1275	100%	1064812	1066037	1275	100%
RTS_R4+_349	RNAP_peak+_373	1067262	1067662	450	65%	1067262	1067662	450	65%	1067262	1067687	475	89%	1067262	1067687	475	89%
RTS_R4+_350	RNAP_peak+_374	1073462	1074087	675	92%	1073412	1074087	725	89%	1073387	1074087	750	93%	1073387	1074087	750	93%
RTS_R4+_351	RNAP_peak+_375	1078462	1080212	1800	97%	1078337	1080212	1925	92%	1078337	1080212	1925	95%	1078312	1080287	2025	97%
RTS_R4+_352	RNAP_peak+_376	1080537	1083812	3325	98%	1080537	1083812	3325	98%	1080537	1083812	3325	98%	1080537	1083912	3425	97%
RTS_R4+_353	RNAP_peak+_377	1084187	1085287	1150	89%	1084187	1085287	1150	89%	1084187	1085287	1150	91%	1084187	1085287	1150	91%
RTS_R4+_354	RNAP_peak+_378	1092162	1092187	75	100%	1092162	1093162	1050	7%	1092162	1093162	1050	10%	1092112	1093162	1100	21%
RTS_R4+_355	RNAP_peak+_379	1093412	1093887	525	90%	1093412	1093887	525	90%	1093412	1093887	525	90%	1093412	1093887	525	90%
RTS_R4+_356	RNAP_peak+_382	1097037	1098162	1175	100%	1097037	1098162	1175	100%	1097037	1098162	1175	100%	1097012	1098162	1200	100%
RTS_R4+_357	RNAP_peak+_383	1098187	1099412	1275	100%	1098187	1099412	1275	100%	1098187	1099412	1275	100%	1098187	1099412	1275	100%
RTS_R4+_358	RNAP_peak+_384	1099462	1099962	550	100%	1099462	1099987	575	100%	1099462	1099987	575	100%	1099462	1099987	575	100%
RTS_R4+_359	RNAP_peak+_386	1103765	1103965	250	78%	1103590	1104015	475	78%	1103590	1104015	475	78%	1103590	1104015	475	83%
RTS_R4+_360	RNAP_peak+_387	1105040	1106490	1500	80%	1105040	1106490	1500	80%	1105040	1107190	2200	63%	1105040	1107190	2200	67%
RTS_R4+_361	RNAP_peak+_388	1108490	1112740	4300	99%	1108465	1112740	4325	99%	1108465	1112740	4325	99%	1108465	1112740	4325	99%
RTS_R4+_362	RNAP_peak+_390	1116015	1117065	1100	100%	1116015	1117065	1100	100%	1116015	1117065	1100	100%	1116015	1117065	1100	100%
RTS_R4+_363	RNAP_peak+_391	1124722	1126947	2275	100%	1124722	1126947	2275	100%	1124722	1126947	2275	100%	1124722	1126947	2275	100%
RTS_R4+_364	RNAP_peak+_392	1127047	1128573	1576	79%	1127047	1128573	1576	79%	1127047	1128573	1576	79%	1127047	1128573	1576	79%

RTS_R4+_365	RNAP_peak+_395	1138778	1140078	1350	19%	1137628	1140078	2500	36%	1137628	1140103	2525	46%	1137628	1140103	2525	46%
RTS_R4+_366	RNAP_peak+_397	1144179	1145104	975	97%	1144129	1145104	1025	95%	1144129	1145104	1025	95%	1144129	1145104	1025	95%
RTS_R4+_367	RNAP_peak+_398	1145879	1145904	75	100%	1145854	1145904	100	100%	1145829	1145904	125	100%	1145829	1145904	125	100%
RTS_R4+_368	RNAP_peak+_399	1145929	1146604	725	100%	1145929	1146604	725	100%	1145929	1146604	725	100%	1145929	1146604	725	100%
RTS_R4+_369	RNAP_peak+_400	1146629	1146854	275	100%	1146629	1146854	275	100%	1146629	1146854	275	100%	1146629	1146854	275	100%
RTS_R4+_370	RNAP_peak+_401	1146879	1147629	800	100%	1146879	1147629	800	100%	1146879	1147629	800	100%	1146879	1147629	800	100%
RTS_R4+_371	RNAP_peak+_402	1147654	1150755	3151	100%	1147654	1150755	3151	100%	1147654	1150755	3151	100%	1147654	1150755	3151	100%
RTS_R4+_372	RNAP_peak+_403	1150780	1151080	350	100%	1150780	1151080	350	100%	1150780	1151080	350	100%	1150780	1151080	350	100%
RTS_R4+_373	RNAP_peak+_404	1151105	1152380	1325	98%	1151105	1152380	1325	98%	1151105	1152380	1325	98%	1151105	1152380	1325	98%
RTS_R4+_374	RNAP_peak+_405	1152530	1154180	1700	84%	1152530	1154180	1700	88%	1152530	1154180	1700	88%	1152530	1154180	1700	90%
RTS_R4+_375	RNAP_peak+_406	1154230	1156780	2600	97%	1154230	1156780	2600	97%	1154230	1156780	2600	98%	1154230	1156780	2600	98%
RTS_R4+_376	RNAP_peak+_407	1156880	1158530	1700	100%	1156880	1158530	1700	100%	1156805	1158530	1775	100%	1156805	1158530	1775	100%
RTS_R4+_377	RNAP_peak+_408	1161055	1163030	2025	99%	1161055	1163030	2025	99%	1161055	1163030	2025	99%	1161055	1163030	2025	99%
RTS_R4+_378	RNAP_peak+_409	1163055	1164255	1250	100%	1163055	1164255	1250	100%	1163055	1164255	1250	100%	1163055	1164255	1250	100%
RTS_R4+_379	RNAP_peak+_410	1164280	1164905	675	100%	1164280	1164905	675	100%	1164280	1164905	675	100%	1164280	1164905	675	100%
RTS_R4+_380	RNAP_peak+_411	1165305	1166605	1350	100%	1165305	1166605	1350	100%	1165305	1166605	1350	100%	1165305	1166605	1350	100%
RTS_R4+_381	RNAP_peak+_412	1166905	1167155	300	27%	1166830	1167355	575	86%	1166830	1167355	575	86%	1166830	1167355	575	86%
RTS_R4+_382	RNAP_peak+_413	1168180	1168505	375	86%	1168180	1168580	450	76%	1168180	1168580	450	82%	1168180	1168580	450	82%
RTS_R4+_383	RNAP_peak+_414	1174655	1177180	2575	98%	1174655	1177180	2575	98%	1174655	1177180	2575	98%	1174655	1177180	2575	98%
RTS_R4+_384	RNAP_peak+_415	1177205	1179705	2550	99%	1177205	1179705	2550	99%	1177205	1179705	2550	99%	1177205	1179705	2550	99%
RTS_R4+_385	RNAP_peak+_416	1184987	1186262	1325	96%	1184987	1186262	1325	98%	1184987	1186262	1325	98%	1184987	1186362	1425	96%
RTS_R4+_386	RNAP_peak+_417	1194216	1195901	1735	96%	1194216	1195901	1735	96%	1194216	1195901	1735	96%	1194216	1195901	1735	96%
RTS_R4+_387	RNAP_peak+_419	1198151	1198526	425	63%	1198151	1198526	425	63%	1198151	1198526	425	63%	1197826	1198526	750	48%
RTS_R4+_388	RNAP_peak+_420	1200701	1201026	375	100%	1200701	1201026	375	100%	1200701	1201026	375	100%	1200701	1201026	375	100%
RTS_R4+_389	RNAP_peak+_425	1210668	1210793	175	83%	1210668	1210793	175	83%	1210668	1210793	175	83%	1210668	1210793	175	83%
RTS_R4+_390	RNAP_peak+_426	1215019	1215919	950	68%	1215019	1216069	1100	60%	1214994	1216319	1375	83%	1214994	1216319	1375	83%
RTS_R4+_391	RNAP_peak+_427									1216519	1217094	625	42%	1216519	1217094	625	42%
RTS_R4+_392	RNAP_peak+_429	1219269	1219569	350	15%	1219269	1219569	350	15%	1219019	1219569	600	13%	1219019	1219569	600	13%
RTS_R4+_393	RNAP_peak+_430	1220219	1221269	1100	56%	1220219	1221419	1250	57%	1219919	1221419	1550	54%	1219919	1221419	1550	57%
RTS_R4+_394	RNAP_peak+_432					1222844	1223094	300	45%	1222844	1223094	300	91%	1222844	1223094	300	91%
RTS_R4+_395	RNAP_peak+_433	1225744	1226244	550	95%	1225744	1226595	901	80%	1225744	1226595	901	80%	1225744	1226595	901	80%
RTS_R4+_396	RNAP_peak+_434	1226870	1227945	1125	98%	1226695	1227945	1300	88%	1226695	1227945	1300	92%	1226695	1227945	1300	94%
RTS_R4+_397	RNAP_peak+_435	1228020	1228470	500	95%	1228020	1228470	500	95%	1228020	1228545	575	95%	1227970	1228545	625	96%
RTS_R4+_398	RNAP_peak+_436	1230370	1231220	900	14%	1230370	1231220	900	14%	1229920	1232345	2475	17%	1229920	1232345	2475	19%
RTS_R4+_399	RNAP_peak+_437	1234145	1234870	775	100%	1234145	1234870	775	100%	1234145	1234870	775	100%	1234145	1234870	775	100%
RTS_R4+_400	RNAP_peak+_438	1236795	1239220	2475	87%	1236795	1239220	2475	87%	1236770	1239220	2500	89%	1236770	1239220	2500	89%
RTS_R4+_401	RNAP_peak+_439									1241270	1241770	550	76%	1241270	1241770	550	76%
RTS_R4+_402	RNAP_peak+_440	1242370	1243070	750	100%	1242370	1243070	750	100%	1242370	1243070	750	100%	1242370	1243070	750	100%
RTS_R4+_403	RNAP_peak+_441	1243945	1244220	325	58%	1243920	1244220	350	85%	1243920	1244220	350	100%	1243920	1244220	350	100%
RTS_R4+_404	RNAP_peak+_442					1244270	1244449	229	25%	1244270	1244649	429	75%	1244270	1244649	429	75%
RTS_R4+_405	RNAP_peak+_443	1250274	1251549	1325	50%	1250249	1252174	1975	53%	1250249	1252174	1975	53%	1250249	1252174	1975	53%
RTS_R4+_406	RNAP_peak+_444	1257999	1258299	350	100%	1257974	1258299	375	100%	1257924	1258624	750	97%	1257924	1258624	750	97%
RTS_R4+_407	RNAP_peak+_445	1262849	1266299	3500	88%	1262849	1266299	3500	88%	1262849	1266299	3500	88%	1262849	1266299	3500	88%
RTS_R4+_408	RNAP_peak+_446	1266399	1267149	800	100%	1266399	1267149	800	100%	1266399	1267149	800	100%	1266399	1267149	800	100%
RTS_R4+_409	RNAP_peak+_447	1267174	1268499	1375	100%	1267174	1268499	1375	100%	1267174	1268499	1375	100%	1267174	1268499	1375	100%
RTS_R4+_410	RNAP_peak+_451	1271349	1271524	225	100%	1271349	1271524	225	100%	1271274	1271524	300	91%	1271274	1271524	300	100%

RTS_R4+_411	RNAP_peak+_452	1271549	1272524	1025	93%	1271549	1272524	1025	95%	1271549	1272524	1025	95%	1271549	1272524	1025	97%
RTS_R4+_412	RNAP_peak+_453	1273000	1274300	1350	60%	1273000	1274300	1350	60%	1273000	1274300	1350	60%	1273000	1274300	1350	70%
RTS_R4+_413	RNAP_peak+_454									1277200	1278675	1525	38%	1277200	1278675	1525	38%
RTS_R4+_414	RNAP_peak+_455													1279050	1284550	5550	26%
RTS_R4+_415	RNAP_peak+_457	1288250	1289350	1150	100%	1288250	1289350	1150	100%	1288250	1289350	1150	100%	1288250	1289350	1150	100%
RTS_R4+_416	RNAP_peak+_458	1289400	1290600	1250	100%	1289400	1290600	1250	100%	1289400	1290600	1250	100%	1289375	1290600	1275	100%
RTS_R4+_417	RNAP_peak+_459	1290625	1291575	1000	100%	1290625	1291575	1000	100%	1290625	1291575	1000	100%	1290625	1291575	1000	100%
RTS_R4+_418	RNAP_peak+_460	1292750	1293375	675	92%	1292750	1293375	675	92%	1292750	1293375	675	92%	1292750	1293375	675	92%
RTS_R4+_419	RNAP_peak+_461					1297825	1298325	550	19%	1297825	1298325	550	19%	1297825	1298325	550	19%
RTS_R4+_420	RNAP_peak+_462	1298726	1299001	325	100%	1298726	1299001	325	100%	1298726	1299001	325	100%	1298726	1299001	325	100%
RTS_R4+_421	RNAP_peak+_463	1299026	1301101	2125	100%	1299026	1301101	2125	100%	1299026	1301101	2125	100%	1299026	1301101	2125	100%
RTS_R4+_422	RNAP_peak+_464	1301126	1304726	3650	100%	1301126	1304726	3650	100%	1301126	1304726	3650	100%	1301126	1304726	3650	100%
RTS_R4+_423	RNAP_peak+_465	1306801	1306951	200	100%	1306751	1306951	250	89%	1306751	1307101	400	60%	1306751	1307101	400	60%
RTS_R4+_424	RNAP_peak+_466	1309101	1309826	775	100%	1309101	1309826	775	100%	1309101	1309826	775	100%	1309101	1309826	775	100%
RTS_R4+_425	RNAP_peak+_467	1312051	1312676	675	88%	1312051	1312676	675	100%	1312001	1312676	725	96%	1312001	1312676	725	100%
RTS_R4+_426	RNAP_peak+_468	1321227	1321802	625	92%	1321227	1321802	625	92%	1321227	1321802	625	92%	1321227	1321802	625	92%
RTS_R4+_427	RNAP_peak+_469	1321827	1322827	1050	100%	1321827	1322877	1100	98%	1321827	1322877	1100	98%	1321827	1322877	1100	98%
RTS_R4+_428	RNAP_peak+_470													1323252	1324102	900	11%
RTS_R4+_429	RNAP_peak+_471	1324352	1324652	350	85%	1324352	1324652	350	85%	1324352	1324652	350	85%	1324352	1324677	375	93%
RTS_R4+_430	RNAP_peak+_472	1324727	1325752	1075	98%	1324727	1325752	1075	98%	1324727	1325752	1075	98%	1324727	1325752	1075	98%
RTS_R4+_431	RNAP_peak+_473	1327352	1328377	1075	100%	1327352	1328377	1075	100%	1327352	1328377	1075	100%	1327352	1328377	1075	100%
RTS_R4+_432	RNAP_peak+_474	1328852	1331627	2825	99%	1328852	1331627	2825	99%	1328852	1331627	2825	99%	1328827	1331652	2875	99%
RTS_R4+_433	RNAP_peak+_475	1331813	1332788	1025	95%	1331813	1332788	1025	95%	1331813	1332788	1025	95%	1331813	1332813	1050	98%
RTS_R4+_434	RNAP_peak+_476	1333138	1333613	525	100%	1333138	1333613	525	100%	1333138	1333613	525	100%	1333138	1333613	525	100%
RTS_R4+_435	RNAP_peak+_477	1333838	1336513	2725	100%	1333763	1336513	2800	98%	1333763	1336763	3050	93%	1333763	1336913	3200	91%
RTS_R4+_436	RNAP_peak+_478	1337363	1337938	625	83%	1337363	1337938	625	83%	1337363	1337938	625	83%	1337363	1337938	625	83%
RTS_R4+_437	RNAP_peak+_479	1337963	1339688	1775	99%	1337963	1339738	1825	99%	1337963	1339738	1825	99%	1337963	1339738	1825	99%
RTS_R4+_438	RNAP_peak+_480	1339913	1341013	1150	98%	1339813	1341013	1250	96%	1339813	1341013	1250	96%	1339813	1341013	1250	96%
RTS_R4+_439	RNAP_peak+_481	1359115	1364740	5675	81%	1359115	1364740	5675	81%	1359115	1364740	5675	81%	1359115	1364740	5675	81%
RTS_R4+_440	RNAP_peak+_482	1366090	1367665	1625	92%	1366090	1367665	1625	100%	1366090	1367665	1625	100%	1366090	1367665	1625	100%
RTS_R4+_441	RNAP_peak+_483	1367715	1367965	300	100%	1367715	1367965	300	100%	1367715	1367965	300	100%	1367715	1367965	300	100%
RTS_R4+_442										1368590	1377965	9425	5%	1368590	1377965	9425	5%
RTS_R4+_443	RNAP_peak+_484	1382066	1384441	2425	90%	1382041	1384641	2650	99%	1382016	1384641	2675	99%	1382016	1384641	2675	99%
RTS_R4+_444	RNAP_peak+_485	1384691	1386291	1650	97%	1384691	1386291	1650	98%	1384691	1386841	2200	95%	1384691	1386841	2200	95%
RTS_R4+_445	RNAP_peak+_486	1386891	1387891	1050	76%	1386891	1387891	1050	78%	1386891	1387991	1150	82%	1386866	1388066	1250	80%
RTS_R4+_446	RNAP_peak+_487	1390016	1390741	775	80%	1390016	1390741	775	80%	1390016	1390741	775	80%	1390016	1390741	775	80%
RTS_R4+_447	RNAP_peak+_488	1391166	1392666	1550	97%	1391016	1392666	1700	90%	1391016	1392666	1700	90%	1391016	1392666	1700	91%
RTS_R4+_448	RNAP_peak+_489	1394091	1395266	1225	100%	1394091	1395266	1225	100%	1394091	1395266	1225	100%	1394091	1395266	1225	100%
RTS_R4+_449	RNAP_peak+_490	1395391	1395841	500	89%	1395391	1395841	500	89%	1395391	1395841	500	89%	1395391	1395841	500	89%
RTS_R4+_450	RNAP_peak+_491	1403092	1403167	125	50%	1403092	1403167	125	50%	1403092	1403792	750	17%	1402717	1403792	1125	84%
RTS_R4+_451	RNAP_peak+_492	1403992	1404567	625	96%	1403942	1404567	675	100%	1403942	1404742	850	85%	1403942	1404742	850	85%
RTS_R4+_452	RNAP_peak+_493	1406017	1406542	575	100%	1406017	1406542	575	100%	1406017	1406542	575	100%	1406017	1406542	575	100%
RTS_R4+_453	RNAP_peak+_494	1406617	1407117	550	86%	1406617	1407117	550	90%	1406617	1407117	550	95%	1406617	1407117	550	95%
RTS_R4+_454	RNAP_peak+_495	1407167	1407242	125	100%	1407167	1407242	125	100%	1407167	1407242	125	100%	1407167	1407242	125	100%
RTS_R4+_455	RNAP_peak+_496	1407342	1408742	1450	81%	1407342	1408742	1450	81%	1407342	1408742	1450	81%	1407317	1408742	1475	81%
RTS_R4+_456	RNAP_peak+_499	1421861	1422362	551	48%	1421861	1422362	551	48%	1421786	1422362	626	50%	1421786	1423312	1576	26%

RTS_R4+_457	RNAP_peak+_502									1427212	1428987	1825	10%	1427212	1428987	1825	10%
RTS_R4+_458	RNAP_peak+_503									1429137	1430837	1750	17%	1429137	1430837	1750	20%
RTS_R4+_459	RNAP_peak+_504					1431237	1431387	200	71%	1431137	1431487	400	93%	1431137	1431487	400	93%
RTS_R4+_460	RNAP_peak+_505	1432563	1432913	400	40%	1432538	1433313	825	59%	1432488	1433313	875	76%	1432488	1433313	875	79%
RTS_R4+_461	RNAP_peak+_506													1435188	1435288	150	40%
RTS_R4+_462	RNAP_peak+_507	1439063	1439513	500	100%	1439063	1439513	500	100%	1439063	1439638	625	83%	1439063	1439638	625	92%
RTS_R4+_463	RNAP_peak+_508	1441113	1443063	2000	53%	1441113	1443063	2000	53%	1441063	1443063	2050	54%	1441063	1443063	2050	54%
RTS_R4+_464	RNAP_peak+_509	1443338	1444238	950	89%	1443338	1444238	950	89%	1443338	1444238	950	95%	1443338	1444238	950	95%
RTS_R4+_465	RNAP_peak+_510	1445513	1446813	1350	28%	1445513	1446813	1350	28%	1445438	1447063	1675	55%	1445438	1447063	1675	55%
RTS_R4+_466		1459513	1460138	675	31%	1459513	1460138	675	31%	1459463	1460138	725	50%	1459463	1460138	725	50%
RTS_R4+_467	RNAP_peak+_511	1460388	1460988	650	16%	1460388	1460988	650	16%	1460388	1460988	650	20%	1460388	1460988	650	20%
RTS_R4+_468	RNAP_peak+_512	1461563	1463038	1525	93%	1461563	1463038	1525	93%	1461563	1463138	1625	94%	1461563	1463138	1625	95%
RTS_R4+_469	RNAP_peak+_513	1464188	1465813	1675	18%	1464188	1465813	1675	23%	1464188	1465863	1725	38%	1464188	1465863	1725	40%
RTS_R4+_470	RNAP_peak+_514	1465963	1466163	250	100%	1465963	1466163	250	100%	1465913	1466163	300	100%	1465913	1466163	300	100%
RTS_R4+_471	RNAP_peak+_515	1467363	1469113	1800	92%	1467363	1469113	1800	93%	1467238	1469113	1925	93%	1467238	1469113	1925	93%
RTS_R4+_472	RNAP_peak+_516	1469188	1472038	2900	94%	1469163	1472038	2925	95%	1469163	1472038	2925	96%	1469163	1472038	2925	96%
RTS_R4+_473		1472238	1472838	650	72%	1472238	1472838	650	72%	1472238	1472838	650	72%	1472238	1472913	725	79%
RTS_R4+_474	RNAP_peak+_519	1481097	1484999	3952	95%	1481072	1484999	3977	95%	1481072	1484999	3977	96%	1481072	1484999	3977	96%
RTS_R4+_475	RNAP_peak+_520	1485217	1486017	850	97%	1485217	1486017	850	97%	1485217	1486017	850	97%	1485217	1486017	850	97%
RTS_R4+_476		1486242	1487967	1775	93%	1486242	1487967	1775	93%	1486242	1488067	1875	93%	1486242	1488067	1875	93%
RTS_R4+_477	RNAP_peak+_521	1488942	1489592	700	100%	1488942	1489592	700	100%	1488942	1489617	725	100%	1488942	1489617	725	100%
RTS_R4+_478	RNAP_peak+_522	1489667	1489892	275	90%	1489667	1489917	300	91%	1489667	1489967	350	85%	1489667	1489967	350	85%
RTS_R4+_479	RNAP_peak+_524	1491167	1491817	700	19%	1491167	1491817	700	19%	1490442	1492142	1750	19%	1490442	1492142	1750	19%
RTS_R4+_480	RNAP_peak+_525	1493242	1493542	350	69%	1493242	1493542	350	69%	1493242	1494267	1075	86%	1493242	1494267	1075	86%
RTS_R4+_481	RNAP_peak+_526	1494817	1496527	1760	88%	1494817	1496527	1760	88%	1494817	1496527	1760	88%	1494817	1496527	1760	90%
RTS_R4+_482	RNAP_peak+_527	1496652	1496727	125	50%	1496652	1496777	175	67%	1496652	1496902	300	100%	1496652	1496902	300	100%
RTS_R4+_483	RNAP_peak+_528	1496952	1497477	575	73%	1496952	1497477	575	73%	1496952	1497477	575	73%	1496952	1497477	575	86%
RTS_R4+_484	RNAP_peak+_529	1498627	1500202	1625	78%	1498627	1500202	1625	78%	1498477	1500202	1775	74%	1498477	1500352	1925	78%
RTS_R4+_485	RNAP_peak+_530	1500427	1501155	778	93%	1500427	1501355	978	82%	1500427	1501355	978	95%	1500427	1501355	978	95%
RTS_R4+_486	RNAP_peak+_531	1501705	1502880	1225	69%	1501555	1502880	1375	65%	1501530	1502880	1400	65%	1501530	1502880	1400	65%
RTS_R4+_487										1503982	1504057	125	100%	1503982	1504057	125	100%
RTS_R4+_488	RNAP_peak+_532	1504207	1506757	2600	84%	1504207	1506757	2600	84%	1504207	1506832	2675	85%	1504207	1506832	2675	85%
RTS_R4+_489	RNAP_peak+_533	1507307	1507957	700	93%	1507307	1507957	700	93%	1507307	1507957	700	100%	1507307	1507957	700	100%
RTS_R4+_490	RNAP_peak+_534	1508007	1509213	1256	71%	1508007	1509213	1256	71%	1508007	1509213	1256	71%	1508007	1509213	1256	73%
RTS_R4+_491	RNAP_peak+_535	1509593	1512300	2757	15%	1509593	1512300	2757	18%	1509593	1512450	2907	90%	1509543	1512500	3007	99%
RTS_R4+_492	RNAP_peak+_536	1513375	1514825	1500	61%	1513375	1514825	1500	61%	1512600	1514825	2275	46%	1512525	1515050	2575	98%
RTS_R4+_493	RNAP_peak+_537	1515400	1515575	225	88%	1515400	1515575	225	88%	1515400	1515575	225	88%	1515400	1515575	225	88%
RTS_R4+_494	RNAP_peak+_538	1515600	1516125	575	95%	1515600	1516350	800	71%	1515600	1516350	800	71%	1515600	1516350	800	71%
RTS_R4+_495	RNAP_peak+_539	1517050	1518075	1075	100%	1517050	1518200	1200	94%	1517050	1518200	1200	94%	1517050	1518225	1225	96%
RTS_R4+_496	RNAP_peak+_540	1518275	1518875	650	48%	1518275	1518875	650	56%	1518275	1518875	650	56%	1518275	1518875	650	68%
RTS_R4+_497	RNAP_peak+_541	1521275	1522450	1225	100%	1521275	1522450	1225	100%	1521275	1522450	1225	100%	1521275	1522450	1225	100%
RTS_R4+_498	RNAP_peak+_542					1524225	1524275	100	67%	1524225	1524275	100	67%	1524225	1524750	575	64%
RTS_R4+_499		1526225	1526875	700	33%	1526225	1526875	700	33%	1526225	1526875	700	44%	1526225	1526875	700	44%
RTS_R4+_500	RNAP_peak+_544					1528256	1528431	225	38%	1528256	1528431	225	38%	1528256	1528431	225	38%
RTS_R4+_501	RNAP_peak+_546	1531031	1531381	400	100%	1530906	1531381	525	90%	1530906	1531381	525	90%	1530906	1531381	525	90%
RTS_R4+_502	RNAP_peak+_547	1532056	1532556	550	71%	1532056	1532556	550	71%	1532056	1532856	850	55%	1532056	1532881	875	85%

RTS_R4+_503	RNAP_peak+_548					1545492	1547642	2200	10%	1545442	1547642	2250	16%	1545417	1548217	2850	17%
RTS_R4+_504	RNAP_peak+_550	1554642	1555192	600	100%	1554542	1555192	700	93%	1554542	1555192	700	93%	1554542	1555192	700	93%
RTS_R4+_505	RNAP_peak+_551					1590612	1590637	75	100%	1590462	1590637	225	100%	1590462	1590637	225	100%
RTS_R4+_506										1601212	1603887	2725	10%	1601212	1603887	2725	12%
RTS_R4+_507	RNAP_peak+_552	1604212	1605212	1050	17%	1604212	1605262	1100	26%	1604212	1605262	1100	26%	1604162	1605262	1150	33%
RTS_R4+_508	RNAP_peak+_553	1605362	1606337	1025	70%	1605362	1606337	1025	75%	1605362	1606337	1025	88%	1605362	1606412	1100	95%
RTS_R4+_509	RNAP_peak+_554	1609962	1610087	175	83%	1609962	1610212	300	55%	1609962	1610212	300	55%	1609962	1610212	300	73%
RTS_R4+_510	RNAP_peak+_555	1612837	1613462	675	54%	1612837	1613462	675	54%	1612687	1613462	825	56%	1612687	1613462	825	56%
RTS_R4+_511	RNAP_peak+_557	1615037	1616212	1225	90%	1615037	1616212	1225	90%	1615037	1616212	1225	90%	1615037	1616212	1225	94%
RTS_R4+_512	RNAP_peak+_558	1617162	1617962	850	88%	1617162	1618212	1100	74%	1617162	1618212	1100	74%	1617162	1618212	1100	74%
RTS_R4+_513	RNAP_peak+_559									1619837	1620487	700	15%	1619362	1620487	1175	13%
RTS_R4+_514	RNAP_peak+_560	1620587	1620787	250	89%	1620587	1620787	250	89%	1620587	1620787	250	89%	1620587	1620837	300	82%
RTS_R4+_515	RNAP_peak+_561					1622762	1622962	250	44%	1622612	1623162	600	43%	1622612	1623162	600	43%
RTS_R4+_516	RNAP_peak+_562	1625537	1626287	800	100%	1625537	1626287	800	100%	1625487	1626287	850	97%	1625487	1626287	850	97%
RTS_R4+_517	RNAP_peak+_563	1626337	1627037	750	97%	1626337	1627037	750	97%	1626337	1627037	750	97%	1626337	1627037	750	97%
RTS_R4+_518	RNAP_peak+_564	1627212	1627412	250	100%	1627212	1627612	450	82%	1627212	1627612	450	82%	1627212	1627612	450	82%
RTS_R4+_519	RNAP_peak+_565									1629462	1629787	375	50%	1629462	1629787	375	50%
RTS_R4+_520	RNAP_peak+_566					1630762	1631187	475	61%	1630762	1631187	475	61%	1630762	1631187	475	61%
RTS_R4+_521	RNAP_peak+_570	1640137	1640362	275	50%	1640137	1640362	275	50%	1640137	1640362	275	60%	1640137	1640362	275	90%
RTS_R4+_522	RNAP_peak+_571					1644090	1644315	275	70%	1644090	1644315	275	70%	1644090	1644315	275	70%
RTS_R4+_523	RNAP_peak+_572					1644390	1644690	350	100%	1644390	1644690	350	100%	1644390	1644690	350	100%
RTS_R4+_524	RNAP_peak+_573	1645990	1646340	400	87%	1645990	1646340	400	87%	1645990	1646340	400	87%	1645990	1646340	400	87%
RTS_R4+_525	RNAP_peak+_574					1646540	1646840	350	23%	1646540	1646840	350	31%	1646540	1646840	350	31%
RTS_R4+_526	RNAP_peak+_575									1647240	1647415	225	88%	1647240	1647415	225	88%
RTS_R4+_527		1648890	1649540	700	100%	1648890	1650165	1325	58%	1648890	1650165	1325	58%	1648890	1650165	1325	58%
RTS_R4+_528	RNAP_peak+_576	1653745	1654770	1075	100%	1653745	1654770	1075	100%	1653745	1654770	1075	100%	1653745	1654770	1075	100%
RTS_R4+_529	RNAP_peak+_577	1655595	1655820	275	100%	1655595	1655820	275	100%	1655595	1655945	400	93%	1655595	1655945	400	93%
RTS_R4+_530	RNAP_peak+_578	1656195	1656945	800	10%	1656095	1656945	900	77%	1656095	1657370	1325	71%	1656095	1657370	1325	85%
RTS_R4+_531	RNAP_peak+_579	1657370	1659645	2325	17%	1657370	1659645	2325	17%	1657495	1659645	2200	21%	1657495	1659645	2200	24%
RTS_R4+_532	RNAP_peak+_580	1659745	1661445	1750	29%	1659745	1661445	1750	29%	1659745	1661445	1750	32%	1659745	1661445	1750	33%
RTS_R4+_533	RNAP_peak+_581	1661620	1663220	1650	60%	1661620	1663220	1650	62%	1661620	1663220	1650	65%	1661620	1663220	1650	68%
RTS_R4+_534	RNAP_peak+_582	1663320	1663545	275	30%	1663320	1663545	275	30%	1663320	1663970	700	15%	1663320	1663970	700	15%
RTS_R4+_535	RNAP_peak+_583	1667720	1668945	1275	24%	1667720	1668945	1275	24%	1667720	1668945	1275	24%	1667720	1669045	1375	91%
RTS_R4+_536	RNAP_peak+_584	1669420	1669645	275	60%	1669420	1669645	275	60%	1669420	1669645	275	70%	1669370	1669670	350	100%
RTS_R4+_537	RNAP_peak+_586	1669970	1670695	775	93%	1669970	1670695	775	93%	1669970	1670970	1050	98%	1669970	1670970	1050	98%
RTS_R4+_538	RNAP_peak+_587	1672045	1672445	450	18%	1671945	1672870	975	71%	1671945	1672870	975	71%	1671945	1672870	975	71%
RTS_R4+_539	RNAP_peak+_588	1676345	1677445	1150	93%	1676345	1678345	2050	56%	1676295	1678345	2100	55%	1676295	1678345	2100	55%
RTS_R4+_540	RNAP_peak+_589	1678820	1679795	1025	72%	1678820	1679795	1025	72%	1678820	1679795	1025	75%	1678795	1679795	1050	88%
RTS_R4+_541	RNAP_peak+_590	1680195	1682220	2075	89%	1680195	1682220	2075	89%	1680195	1682220	2075	89%	1680195	1682220	2075	99%
RTS_R4+_542	RNAP_peak+_591	1682270	1683445	1225	73%	1682270	1683445	1225	73%	1682270	1683445	1225	90%	1682270	1683445	1225	90%
RTS_R4+_543	RNAP_peak+_592	1686595	1687720	1175	100%	1686595	1687720	1175	100%	1686595	1687720	1175	100%	1686595	1687720	1175	100%
RTS_R4+_544	RNAP_peak+_593	1687845	1689545	1750	94%	1687845	1689545	1750	96%	1687845	1689545	1750	96%	1687845	1689545	1750	96%
RTS_R4+_545	RNAP_peak+_594					1697346	1698871	1575	60%	1697346	1698871	1575	60%	1697346	1698871	1575	60%
RTS_R4+_546	RNAP_peak+_595	1698921	1700121	1250	78%	1698921	1700121	1250	78%	1698921	1700121	1250	78%	1698921	1700121	1250	78%
RTS_R4+_547	RNAP_peak+_596	1700246	1701121	925	86%	1700246	1701121	925	86%	1700246	1701121	925	86%	1700246	1701121	925	86%
RTS_R4+_548		1702171	1702196	75	100%	1702171	1702196	75	100%	1702171	1702196	75	100%	1702171	1702196	75	100%

RTS_R4+_549	RNAP_peak+_597	1702571	1702921	400	87%	1702571	1702921	400	93%	1702571	1702921	400	93%	1702571	1702921	400	100%
RTS_R4+_550	RNAP_peak+_598	1702996	1703046	100	100%	1702971	1703046	125	100%	1702971	1703046	125	100%	1702971	1703046	125	100%
RTS_R4+_551	RNAP_peak+_599	1703096	1703671	625	96%	1703096	1703671	625	96%	1703096	1703671	625	96%	1703096	1703671	625	96%
RTS_R4+_552	RNAP_peak+_600	1703746	1710096	6400	97%	1703746	1710096	6400	97%	1703746	1710096	6400	97%	1703746	1710096	6400	97%
RTS_R4+_553	RNAP_peak+_601	1711446	1712296	900	26%	1710796	1712296	1550	28%	1710796	1712296	1550	28%	1710796	1712296	1550	28%
RTS_R4+_554	RNAP_peak+_602	1712396	1713246	900	94%	1712396	1713246	900	94%	1712396	1713246	900	94%	1712396	1713246	900	94%
RTS_R4+_555	RNAP_peak+_603	1717796	1718421	675	100%	1717796	1718721	975	95%	1717796	1718721	975	95%	1717796	1718721	975	95%
RTS_R4+_556	RNAP_peak+_604	1719096	1722046	3000	7%	1718796	1722046	3300	11%	1718796	1722046	3300	14%	1718796	1722046	3300	14%
RTS_R4+_557	RNAP_peak+_605	1724071	1725771	1750	65%	1724071	1725771	1750	65%	1724071	1725771	1750	65%	1724071	1725771	1750	67%
RTS_R4+_558	RNAP_peak+_606	1725846	1726265	469	100%	1725846	1726265	469	100%	1725846	1726265	469	100%	1725846	1726265	469	100%
RTS_R4+_559	RNAP_peak+_607	1726365	1730965	4650	40%	1726365	1730965	4650	40%	1726365	1731490	5175	37%	1726365	1731490	5175	43%
RTS_R4+_560	RNAP_peak+_608	1732440	1733215	825	100%	1732440	1733215	825	100%	1732440	1733215	825	100%	1732440	1733215	825	100%
RTS_R4+_561	RNAP_peak+_609	1733365	1734090	775	100%	1733365	1734090	775	100%	1733365	1734090	775	100%	1733365	1734090	775	100%
RTS_R4+_562	RNAP_peak+_610	1735740	1736990	1300	98%	1735740	1736990	1300	98%	1735740	1736990	1300	98%	1735740	1736990	1300	98%
RTS_R4+_563	RNAP_peak+_611	1737990	1738890	950	43%	1737990	1738890	950	43%	1737990	1738890	950	43%	1737990	1738890	950	46%
RTS_R4+_564	RNAP_peak+_612	1739265	1740540	1325	100%	1739265	1740540	1325	100%	1739265	1740540	1325	100%	1739240	1740565	1375	100%
RTS_R4+_565	RNAP_peak+_613	1741415	1742840	1475	93%	1741415	1742840	1475	95%	1741415	1742840	1475	95%	1741415	1742840	1475	95%
RTS_R4+_566	RNAP_peak+_614	1744465	1744590	175	100%	1744465	1744665	250	89%	1744465	1744665	250	89%	1744465	1744665	250	89%
RTS_R4+_567	RNAP_peak+_615	1744715	1744990	325	100%	1744715	1744990	325	100%	1744715	1744990	325	100%	1744715	1744990	325	100%
RTS_R4+_568	RNAP_peak+_616	1745165	1746765	1650	74%	1745165	1746765	1650	74%	1745165	1746840	1725	79%	1745165	1746840	1725	84%
RTS_R4+_569	RNAP_peak+_617	1753465	1755115	1700	99%	1753465	1755115	1700	99%	1753465	1755140	1725	99%	1753390	1755140	1800	97%
RTS_R4+_570	RNAP_peak+_618	1755415	1755740	375	93%	1755415	1755865	500	95%	1755415	1755865	500	95%	1755415	1755865	500	95%
RTS_R4+_571	RNAP_peak+_619	1767045	1768145	1150	89%	1767045	1768145	1150	89%	1766895	1768145	1300	90%	1766895	1768145	1300	90%
RTS_R4+_572	RNAP_peak+_621									1768645	1768845	250	33%	1768645	1768845	250	33%
RTS_R4+_573		1772620	1773445	875	97%	1772620	1773445	875	97%	1772620	1773445	875	97%	1772620	1773445	875	97%
RTS_R4+_574	RNAP_peak+_622									1774045	1774945	950	14%	1774045	1774945	950	14%
RTS_R4+_575	RNAP_peak+_623	1785472	1786322	900	100%	1785472	1786322	900	100%	1785472	1786322	900	100%	1785472	1786322	900	100%
RTS_R4+_576	RNAP_peak+_624	1786372	1787472	1150	100%	1786372	1787472	1150	100%	1786372	1787472	1150	100%	1786372	1787472	1150	100%
RTS_R4+_577		1787647	1787672	75	50%	1787647	1787672	75	50%	1787647	1787672	75	50%	1787647	1787772	175	67%
RTS_R4+_578	RNAP_peak+_625									1797297	1798022	775	47%	1797297	1798022	775	47%
RTS_R4+_579	RNAP_peak+_627	1803222	1803297	125	100%	1803222	1803297	125	100%	1803222	1803297	125	100%	1803222	1803297	125	100%
RTS_R4+_580	RNAP_peak+_628	1804372	1805322	1000	100%	1804347	1805322	1025	100%	1804347	1805322	1025	100%	1804347	1805322	1025	100%
RTS_R4+_581	RNAP_peak+_629	1805372	1805772	450	94%	1805372	1805772	450	94%	1805372	1805772	450	94%	1805372	1805772	450	100%
RTS_R4+_582	RNAP_peak+_630	1805797	1806647	900	100%	1805797	1806647	900	100%	1805797	1806697	950	100%	1805797	1806722	975	100%
RTS_R4+_583	RNAP_peak+_631	1807347	1808047	750	100%	1807347	1808047	750	100%	1807347	1808047	750	100%	1807347	1808047	750	100%
RTS_R4+_584	RNAP_peak+_632					1808247	1808347	150	20%	1808247	1808597	400	60%	1808247	1808597	400	67%
RTS_R4+_585	RNAP_peak+_633	1808947	1810672	1775	96%	1808947	1810672	1775	96%	1808947	1810672	1775	96%	1808947	1810672	1775	96%
RTS_R4+_586	RNAP_peak+_634	1811854	1814229	2425	97%	1811854	1814229	2425	97%	1811854	1814229	2425	97%	1811854	1814229	2425	98%
RTS_R4+_587	RNAP_peak+_635	1820485	1821310	875	100%	1820485	1821310	875	100%	1820485	1821310	875	100%	1820460	1821335	925	100%
RTS_R4+_588	RNAP_peak+_636	1821435	1822310	925	78%	1821435	1822310	925	78%	1821435	1822310	925	78%	1821435	1822310	925	78%
RTS_R4+_589	RNAP_peak+_637	1830435	1831235	850	97%	1830435	1831235	850	97%	1830435	1831235	850	97%	1830435	1831235	850	97%
RTS_R4+_590	RNAP_peak+_638													1831385	1831960	625	83%
RTS_R4+_591	RNAP_peak+_639					1832260	1833035	825	47%	1832260	1833210	1000	44%	1831985	1833210	1275	64%
RTS_R4+_592	RNAP_peak+_640	1833360	1838735	5425	33%	1833360	1838735	5425	34%	1833360	1838735	5425	37%	1833360	1838735	5425	49%
RTS_R4+_593	RNAP_peak+_641	1839510	1839860	400	67%	1839510	1839860	400	67%	1839510	1839860	400	67%	1839510	1839860	400	67%
RTS_R4+_594	RNAP_peak+_642	1840360	1841885	1575	97%	1840360	1841885	1575	97%	1840360	1841885	1575	97%	1840360	1841885	1575	97%

RTS_R4+_595	RNAP_peak+_643	1846835	1848660	1875	99%	1846835	1848660	1875	99%	1846835	1848660	1875	99%	1846835	1848660	1875	99%
RTS_R4+_596	RNAP_peak+_644	1848885	1850535	1700	100%	1848885	1850535	1700	100%	1848885	1850535	1700	100%	1848885	1850535	1700	100%
RTS_R4+_597	RNAP_peak+_645									1850810	1850885	125	50%	1850810	1850885	125	50%
RTS_R4+_598	RNAP_peak+_646	1860560	1861810	1300	100%	1860560	1861810	1300	100%	1860560	1861810	1300	100%	1860560	1861810	1300	100%
RTS_R4+_599	RNAP_peak+_647	1861860	1862710	900	100%	1861860	1862710	900	100%	1861860	1862710	900	100%	1861860	1862710	900	100%
RTS_R4+_600	RNAP_peak+_648	1864793	1867993	3250	95%	1864793	1867993	3250	95%	1864793	1868243	3500	100%	1864793	1868243	3500	100%
RTS_R4+_601	RNAP_peak+_650									1869318	1869793	525	75%	1869318	1869793	525	75%
RTS_R4+_602	RNAP_peak+_651	1870343	1871418	1125	20%	1870018	1871418	1450	39%	1870018	1871418	1450	39%	1870018	1871418	1450	39%
RTS_R4+_603	RNAP_peak+_652	1871568	1872093	575	100%	1871568	1872093	575	100%	1871568	1872093	575	100%	1871568	1872093	575	100%
RTS_R4+_604		1872143	1872693	600	48%	1872143	1872693	600	48%	1872143	1872693	600	48%	1872143	1872693	600	52%
RTS_R4+_605	RNAP_peak+_654	1874918	1875218	350	100%	1874868	1875218	400	100%	1874868	1875268	450	94%	1874868	1875268	450	94%
RTS_R4+_606	RNAP_peak+_655	1875718	1876893	1225	98%	1875718	1876893	1225	98%	1875718	1876893	1225	98%	1875718	1876893	1225	98%
RTS_R4+_607	RNAP_peak+_656	1880143	1880693	600	30%	1880143	1880693	600	30%	1880143	1880693	600	30%	1880143	1880693	600	30%
RTS_R4+_608	RNAP_peak+_658	1891343	1891743	450	100%	1891343	1891743	450	100%	1891343	1891743	450	100%	1891343	1891743	450	100%
RTS_R4+_609	RNAP_peak+_659	1891918	1892468	600	78%	1891918	1892468	600	78%	1891918	1892468	600	91%	1891918	1892468	600	91%
RTS_R4+_610	RNAP_peak+_660	1892793	1894770	2027	94%	1892793	1894770	2027	94%	1892793	1894770	2027	94%	1892793	1894770	2027	94%
RTS_R4+_611	RNAP_peak+_661	1895020	1896070	1100	77%	1894845	1896370	1575	98%	1894820	1896370	1600	98%	1894820	1896370	1600	98%
RTS_R4+_612	RNAP_peak+_662									1897245	1898070	875	21%	1896445	1898070	1675	26%
RTS_R4+_613	RNAP_peak+_663	1899970	1901145	1225	100%	1899970	1901145	1225	100%	1899970	1901145	1225	100%	1899920	1901145	1275	100%
RTS_R4+_614	RNAP_peak+_664	1901170	1902770	1650	100%	1901170	1902770	1650	100%	1901170	1902770	1650	100%	1901170	1902770	1650	100%
RTS_R4+_615	RNAP_peak+_665	1902820	1903195	425	44%	1902820	1903195	425	44%	1902820	1903195	425	44%	1902820	1903195	425	44%
RTS_R4+_616	RNAP_peak+_666					1903595	1903995	450	59%	1903595	1903995	450	59%	1903595	1903995	450	59%
RTS_R4+_617	RNAP_peak+_667													1906195	1906520	375	71%
RTS_R4+_618	RNAP_peak+_668	1906945	1907170	275	60%	1906945	1907170	275	60%	1906945	1907170	275	60%	1906945	1907170	275	60%
RTS_R4+_619	RNAP_peak+_670	1914295	1914645	400	67%	1914295	1914870	625	50%	1914295	1914870	625	50%	1914270	1915245	1025	40%
RTS_R4+_620	RNAP_peak+_671	1915295	1918070	2825	80%	1915295	1918070	2825	80%	1915295	1918070	2825	80%	1915295	1918070	2825	87%
RTS_R4+_621	RNAP_peak+_672	1918245	1919670	1475	79%	1918245	1919670	1475	79%	1918245	1919670	1475	79%	1918245	1919670	1475	79%
RTS_R4+_622	RNAP_peak+_673	1919770	1920045	325	92%	1919770	1920045	325	92%	1919770	1920045	325	100%	1919770	1920045	325	100%
RTS_R4+_623	RNAP_peak+_674	1920146	1920471	375	93%	1920146	1920471	375	93%	1920096	1920471	425	100%	1920096	1920471	425	100%
RTS_R4+_624	RNAP_peak+_675	1921121	1921321	250	100%	1921121	1921321	250	100%	1921071	1921321	300	91%	1921071	1921321	300	91%
RTS_R4+_625	RNAP_peak+_676	1923121	1923421	350	100%	1923046	1923421	425	100%	1923046	1923421	425	100%	1923046	1923421	425	100%
RTS_R4+_626	RNAP_peak+_677	1923446	1924246	850	82%	1923446	1924246	850	82%	1923446	1924246	850	82%	1923446	1924246	850	82%
RTS_R4+_627	RNAP_peak+_678	1924271	1924671	450	100%	1924271	1924671	450	100%	1924271	1924671	450	100%	1924271	1924771	550	86%
RTS_R4+_628	RNAP_peak+_679	1928921	1930096	1225	100%	1928921	1930096	1225	100%	1928921	1930096	1225	100%	1928921	1930096	1225	100%
RTS_R4+_629	RNAP_peak+_680	1934649	1935599	1000	100%	1934649	1935599	1000	100%	1934599	1935599	1050	100%	1934424	1935599	1225	92%
RTS_R4+_630	RNAP_peak+_681	1935624	1937199	1625	98%	1935624	1937199	1625	98%	1935624	1937199	1625	98%	1935624	1937199	1625	98%
RTS_R4+_631	RNAP_peak+_682	1940649	1942199	1600	100%	1940649	1942199	1600	100%	1940649	1942199	1600	100%	1940649	1942374	1775	96%
RTS_R4+_632	RNAP_peak+_684	1948824	1950124	1350	87%	1948824	1950124	1350	87%	1948824	1950124	1350	87%	1948824	1950124	1350	89%
RTS_R4+_633	RNAP_peak+_685	1950274	1952374	2150	100%	1950274	1952374	2150	100%	1950274	1952374	2150	100%	1950274	1952474	2250	97%
RTS_R4+_634	RNAP_peak+_686									1953649	1953874	275	60%	1953649	1953874	275	60%
RTS_R4+_635	RNAP_peak+_687	1958049	1959799	1800	100%	1958049	1959799	1800	100%	1958049	1959799	1800	100%	1958049	1959799	1800	100%
RTS_R4+_636	RNAP_peak+_690					1977399	1977424	75	100%	1977399	1977424	75	100%	1977349	1977424	125	75%
RTS_R4+_637	RNAP_peak+_691	1977774	1977949	225	100%	1977774	1978299	575	64%	1977774	1978299	575	64%	1977699	1978299	650	60%
RTS_R4+_638	RNAP_peak+_692	1980599	1980799	250	100%	1980599	1980799	250	100%	1980599	1980799	250	100%	1980599	1980799	250	100%
RTS_R4+_639	RNAP_peak+_693	1984852	1985427	625	92%	1984852	1985427	625	96%	1984802	1985427	675	92%	1984802	1985427	675	92%
RTS_R4+_640	RNAP_peak+_695	1986727	1987227	550	100%	1986727	1987227	550	100%	1986727	1987227	550	100%	1986727	1987227	550	100%

RTS_R4+_641	RNAP_peak+_696	1987702	1988902	1250	76%	1987702	1988902	1250	76%	1987702	1988902	1250	86%	1987702	1988902	1250	86%
RTS_R4+_642	RNAP_peak+_697	1993830	1994030	250	89%	1993830	1994030	250	89%	1993830	1994030	250	89%	1993830	1994030	250	89%
RTS_R4+_643	RNAP_peak+_698	1994905	1995030	175	67%	1994905	1995030	175	67%	1994905	1995130	275	70%	1994905	1995130	275	70%
RTS_R4+_644	RNAP_peak+_699	1998530	1998730	250	33%	1998530	1998730	250	56%	1998530	1998730	250	78%	1998530	1998730	250	78%
RTS_R4+_645	RNAP_peak+_701	2004173	2005673	1550	100%	2004173	2005673	1550	100%	2004173	2005673	1550	100%	2004173	2005673	1550	100%
RTS_R4+_646	RNAP_peak+_702	2006298	2007723	1475	100%	2006298	2007723	1475	100%	2006298	2007723	1475	100%	2006298	2007723	1475	100%
RTS_R4+_647	RNAP_peak+_703	2007848	2007973	175	67%	2007823	2008048	275	70%	2007823	2008523	750	90%	2007823	2008523	750	90%
RTS_R4+_648	RNAP_peak+_704	2008648	2008823	225	63%	2008648	2008823	225	63%	2008648	2009098	500	37%	2008623	2009223	650	100%
RTS_R4+_649	RNAP_peak+_706					2016498	2016823	375	36%	2011723	2016823	5150	6%	2011723	2016823	5150	6%
RTS_R4+_650	RNAP_peak+_707									2017748	2018998	1300	10%	2017748	2018998	1300	10%
RTS_R4+_651	RNAP_peak+_710	2022977	2023252	325	92%	2022977	2023252	325	100%	2022977	2023252	325	100%	2022977	2023252	325	100%
RTS_R4+_652	RNAP_peak+_711	2023352	2024352	1050	80%	2023352	2024352	1050	85%	2023302	2024427	1175	100%	2023302	2024427	1175	100%
RTS_R4+_653	RNAP_peak+_714					2032477	2032577	150	40%	2032177	2033202	1075	98%	2032027	2033202	1225	92%
RTS_R4+_654	RNAP_peak+_715	2033677	2034727	1100	98%	2033677	2034727	1100	100%	2033677	2034727	1100	100%	2033677	2034727	1100	100%
RTS_R4+_655	RNAP_peak+_716	2036977	2037677	750	62%	2036977	2037677	750	66%	2036977	2037677	750	66%	2036977	2037677	750	72%
RTS_R4+_656	RNAP_peak+_717	2037752	2038977	1275	64%	2037752	2038977	1275	64%	2037752	2039127	1425	88%	2037752	2039127	1425	88%
RTS_R4+_657	RNAP_peak+_718	2039402	2040127	775	100%	2039402	2040127	775	100%	2039377	2040127	800	100%	2039377	2040127	800	100%
RTS_R4+_658	RNAP_peak+_719									2040152	2041112	1010	18%	2040152	2041112	1010	77%
RTS_R4+_659	RNAP_peak+_720	2041462	2042539	1127	95%	2041462	2042539	1127	95%	2041462	2042539	1127	95%	2041462	2042539	1127	98%
RTS_R4+_660	RNAP_peak+_721	2042589	2042739	200	100%	2042589	2042739	200	100%	2042589	2042739	200	100%	2042589	2042739	200	100%
RTS_R4+_661	RNAP_peak+_723	2047789	2049889	2150	20%	2047789	2049889	2150	29%	2047789	2049889	2150	36%	2047789	2049889	2150	38%
RTS_R4+_662	RNAP_peak+_724	2051614	2052989	1425	98%	2051614	2052989	1425	98%	2051614	2052989	1425	98%	2051614	2052989	1425	98%
RTS_R4+_663	RNAP_peak+_725	2053064	2054514	1500	100%	2053064	2054514	1500	100%	2053064	2054514	1500	100%	2053064	2054514	1500	100%
RTS_R4+_664	RNAP_peak+_726	2054864	2055564	750	86%	2054864	2055564	750	86%	2054864	2055564	750	86%	2054864	2055564	750	86%
RTS_R4+_665	RNAP_peak+_727	2057884	2058034	200	86%	2057884	2058034	200	86%	2057884	2058034	200	86%	2057884	2058034	200	86%
RTS_R4+_666	RNAP_peak+_728	2060284	2060359	125	100%	2060284	2060359	125	100%	2060284	2060359	125	100%	2060284	2060359	125	100%
RTS_R4+_667	RNAP_peak+_729	2066709	2066834	175	33%	2066709	2066834	175	33%	2066709	2066834	175	33%	2066659	2066909	300	100%
RTS_R4+_668	RNAP_peak+_730	2066984	2067209	275	100%	2066984	2067209	275	100%	2066984	2067209	275	100%	2066934	2067209	325	100%
RTS_R4+_669	RNAP_peak+_731	2068384	2068509	175	50%	2068284	2068509	275	40%	2068284	2068509	275	90%	2068284	2068509	275	100%
RTS_R4+_670	RNAP_peak+_732	2068584	2069234	700	15%	2068584	2069234	700	15%	2068584	2069234	700	30%	2068584	2069234	700	30%
RTS_R4+_671		2069434	2069459	75	50%	2069434	2069459	75	50%	2069434	2069459	75	100%	2069434	2069459	75	100%
RTS_R4+_672		2069536	2072686	3200	95%	2069536	2072686	3200	95%	2069536	2072686	3200	95%	2069536	2072686	3200	95%
RTS_R4+_673	RNAP_peak+_735	2076086	2076136	100	100%	2076086	2076136	100	100%	2076086	2076136	100	100%	2076086	2076136	100	100%
RTS_R4+_674	RNAP_peak+_737	2080786	2082186	1450	98%	2080786	2082186	1450	98%	2080786	2082186	1450	98%	2080786	2082186	1450	98%
RTS_R4+_675	RNAP_peak+_738	2088011	2088136	175	100%	2088011	2088136	175	100%	2087986	2088136	200	100%	2087986	2088136	200	100%
RTS_R4+_676	RNAP_peak+_739	2088186	2094611	6475	100%	2088186	2094611	6475	100%	2088186	2094611	6475	100%	2088186	2094611	6475	100%
RTS_R4+_677	RNAP_peak+_740	2094636	2095261	675	100%	2094636	2095261	675	100%	2094636	2095261	675	100%	2094636	2095261	675	100%
RTS_R4+_678	RNAP_peak+_741	2135916	2137541	1675	91%	2135916	2137541	1675	91%	2135916	2137541	1675	95%	2135916	2137541	1675	95%
RTS_R4+_679	RNAP_peak+_742													2137591	2137691	150	60%
RTS_R4+_680	RNAP_peak+_743	2141266	2144416	3200	50%	2141266	2144416	3200	50%	2141266	2144416	3200	53%	2141266	2144541	3325	64%
RTS_R4+_681	RNAP_peak+_744	2145716	2146941	1275	46%	2145716	2146941	1275	46%	2145716	2146991	1325	48%	2145716	2146991	1325	48%
RTS_R4+_682	RNAP_peak+_746	2151441	2151441	50	100%	2151441	2151441	50	100%	2151241	2151441	250	56%	2151241	2151441	250	56%
RTS_R4+_683	RNAP_peak+_747	2151691	2151766	125	100%	2151691	2151766	125	100%	2151691	2151766	125	100%	2151691	2151841	200	71%
RTS_R4+_684	RNAP_peak+_748	2152066	2158466	6450	19%	2152066	2158466	6450	19%	2152066	2158466	6450	19%	2152066	2158466	6450	21%
RTS_R4+_685	RNAP_peak+_749	2159266	2162191	2975	7%	2159266	2162191	2975	8%	2159266	2162191	2975	13%	2159266	2162191	2975	14%
RTS_R4+_686	RNAP_peak+_750	2162291	2163016	775	97%	2162291	2163016	775	97%	2162291	2163016	775	97%	2162291	2163016	775	97%

RTS_R4+_687	RNAP_peak+_751	2163166	2163591	475	100%	2163166	2163591	475	100%	2163166	2163591	475	100%	2163166	2163591	475	100%
RTS_R4+_688	RNAP_peak+_752	2163616	2165041	1475	98%	2163616	2165041	1475	98%	2163616	2165041	1475	98%	2163616	2165041	1475	98%
RTS_R4+_689	RNAP_peak+_753	2165116	2165166	100	100%	2165116	2165166	100	100%	2165116	2165166	100	100%	2165116	2165166	100	100%
RTS_R4+_690	RNAP_peak+_754	2166741	2167591	900	89%	2166741	2167591	900	89%	2166741	2167591	900	94%	2166741	2167591	900	97%
RTS_R4+_691	RNAP_peak+_755	2168216	2169441	1275	92%	2168216	2169441	1275	92%	2168216	2169441	1275	92%	2168216	2169541	1375	87%
RTS_R4+_692	RNAP_peak+_757	2183966	2184591	675	27%	2183966	2184591	675	27%	2183966	2184591	675	27%	2183966	2184591	675	35%
RTS_R4+_693	RNAP_peak+_758	2184916	2185266	400	100%	2184916	2185266	400	100%	2184916	2185266	400	100%	2184916	2185266	400	100%
RTS_R4+_694	RNAP_peak+_759	2192316	2194341	2075	100%	2192316	2194341	2075	100%	2192316	2194341	2075	100%	2192291	2194341	2100	100%
RTS_R4+_695	RNAP_peak+_763	2212868	2213493	675	92%	2212868	2213493	675	92%	2212868	2213493	675	96%	2212793	2213593	850	85%
RTS_R4+_696	RNAP_peak+_764	2213693	2213868	225	88%	2213693	2213868	225	88%	2213693	2213868	225	88%	2213693	2213868	225	88%
RTS_R4+_697										2216118	2216318	250	89%	2216118	2216318	250	89%
RTS_R4+_698	RNAP_peak+_765	2220193	2221968	1825	99%	2220193	2221968	1825	99%	2220143	2221968	1875	97%	2220143	2221968	1875	97%
RTS_R4+_699	RNAP_peak+_766	2223843	2224443	650	100%	2223843	2224443	650	100%	2223843	2224443	650	100%	2223818	2224443	675	100%
RTS_R4+_700	RNAP_peak+_767	2227018	2227268	300	55%	2227018	2227318	350	54%	2227018	2227468	500	74%	2226993	2227468	525	75%
RTS_R4+_701	RNAP_peak+_768	2228668	2229518	900	31%	2228643	2229368	775	67%	2228543	2229443	950	76%	2228543	2229443	950	76%
RTS_R4+_702	RNAP_peak+_769	2229718	2230543	875	85%	2229493	2230593	1150	84%	2229468	2230668	1250	94%	2229468	2230668	1250	96%
RTS_R4+_703	RNAP_peak+_770	2230918	2231818	950	73%	2230918	2231818	950	76%	2230918	2231818	950	76%	2230918	2231818	950	76%
RTS_R4+_704	RNAP_peak+_771	2233068	2234496	1478	16%	2232018	2234496	2528	41%	2232018	2234496	2528	41%	2232018	2234496	2528	41%
RTS_R4+_705	RNAP_peak+_772	2241921	2242671	800	100%	2241921	2242671	800	100%	2241846	2242671	875	100%	2241846	2242671	875	100%
RTS_R4+_706	RNAP_peak+_773	2247971	2248446	525	70%	2247971	2248446	525	70%	2247971	2248446	525	70%	2247971	2248446	525	70%
RTS_R4+_707	RNAP_peak+_774	2248746	2250646	1950	87%	2248746	2250646	1950	87%	2248746	2250646	1950	87%	2248746	2250646	1950	87%
RTS_R4+_708		2262871	2263371	550	62%	2262871	2263371	550	62%	2262871	2263371	550	62%	2262871	2263371	550	62%
RTS_R4+_709	RNAP_peak+_777	2263421	2264021	650	100%	2263421	2264021	650	100%	2263421	2264021	650	100%	2263421	2264021	650	100%
RTS_R4+_710	RNAP_peak+_778	2264296	2265696	1450	32%	2264296	2265696	1450	32%	2264296	2265696	1450	53%	2264296	2265696	1450	53%
RTS_R4+_711	RNAP_peak+_779	2265846	2267496	1700	85%	2265846	2267496	1700	85%	2265846	2267496	1700	85%	2265846	2267496	1700	87%
RTS_R4+_712	RNAP_peak+_780	2267846	2268596	800	97%	2267846	2268596	800	97%	2267846	2268596	800	97%	2267846	2268596	800	100%
RTS_R4+_713	RNAP_peak+_781	2268621	2270171	1600	57%	2268621	2270171	1600	57%	2268621	2270171	1600	57%	2268621	2270171	1600	57%
RTS_R4+_714	RNAP_peak+_782	2270371	2271846	1525	62%	2270371	2271846	1525	62%	2270371	2271846	1525	63%	2270371	2271846	1525	68%
RTS_R4+_715	RNAP_peak+_783	2271946	2272221	325	83%	2271946	2272221	325	83%	2271946	2272221	325	83%	2271946	2272221	325	83%
RTS_R4+_716	RNAP_peak+_784	2273121	2275796	2725	49%	2273121	2275796	2725	49%	2273121	2275796	2725	49%	2273121	2275796	2725	55%
RTS_R4+_717	RNAP_peak+_785	2276421	2277471	1100	26%	2276421	2277471	1100	26%	2276421	2277471	1100	58%	2276421	2277471	1100	58%
RTS_R4+_718	RNAP_peak+_786	2278671	2280196	1575	66%	2278671	2280196	1575	66%	2278621	2280196	1625	66%	2278621	2280196	1625	66%
RTS_R4+_719	RNAP_peak+_787	2280471	2280821	400	100%	2280471	2280821	400	100%	2280471	2280821	400	100%	2280471	2280821	400	100%
RTS_R4+_720	RNAP_peak+_788	2282022	2284122	2150	94%	2282022	2284122	2150	94%	2282022	2284122	2150	94%	2282022	2284122	2150	94%
RTS_R4+_721	RNAP_peak+_789	2284197	2284297	150	100%	2284197	2284297	150	100%	2284197	2284297	150	100%	2284197	2284297	150	100%
RTS_R4+_722	RNAP_peak+_790	2288488	2289338	900	94%	2288388	2289388	1050	90%	2288388	2289388	1050	95%	2288388	2289388	1050	95%
RTS_R4+_723	RNAP_peak+_791									2301663	2301688	75	100%	2301663	2301688	75	100%
RTS_R4+_724	RNAP_peak+_792	2301938	2303063	1175	72%	2301863	2303063	1250	76%	2301863	2303063	1250	92%	2301863	2303063	1250	92%
RTS_R4+_725	RNAP_peak+_793					2307050	2307150	150	60%	2307050	2307150	150	60%	2307050	2307150	150	60%
RTS_R4+_726	RNAP_peak+_794	2311125	2311150	75	100%	2311125	2311150	75	100%	2311125	2311175	100	100%	2311125	2311175	100	100%
RTS_R4+_727	RNAP_peak+_795	2311500	2313875	2425	99%	2311500	2313875	2425	99%	2311500	2313875	2425	99%	2311500	2313875	2425	99%
RTS_R4+_728	RNAP_peak+_796	2313900	2314925	1075	98%	2313900	2314925	1075	98%	2313900	2314925	1075	98%	2313900	2314925	1075	98%
RTS_R4+_729	RNAP_peak+_797									2318075	2320425	2400	33%	2318075	2320425	2400	33%
RTS_R4+_730	RNAP_peak+_799	2337575	2338475	950	95%	2337575	2338475	950	95%	2337575	2338475	950	95%	2337575	2338475	950	95%
RTS_R4+_731	RNAP_peak+_800	2339250	2339425	225	100%	2339250	2339425	225	100%	2339250	2339425	225	100%	2339250	2339425	225	100%
RTS_R4+_732	RNAP_peak+_801	2342800	2345250	2500	100%	2342800	2345250	2500	100%	2342800	2345250	2500	100%	2342800	2345250	2500	100%

RTS_R4+_733	RNAP_peak+_802	2345275	2346725	1500	98%	2345275	2346725	1500	98%	2345275	2346725	1500	98%	2345275	2346725	1500	98%
RTS_R4+_734	RNAP_peak+_804	2348025	2348225	250	67%	2348025	2348225	250	67%	2348025	2348225	250	67%	2348025	2348225	250	78%
RTS_R4+_735										2350728	2354178	3500	8%	2350728	2354178	3500	8%
RTS_R4+_736		2355604	2356154	600	96%	2355604	2356154	600	96%	2355604	2356154	600	96%	2355604	2356154	600	96%
RTS_R4+_737	RNAP_peak+_805	2362629	2362804	225	63%	2362629	2362804	225	63%	2362629	2362804	225	63%	2362604	2362854	300	64%
RTS_R4+_738	RNAP_peak+_806	2363929	2367254	3375	28%	2363929	2367254	3375	28%	2363929	2367254	3375	28%	2363879	2367304	3475	64%
RTS_R4+_739	RNAP_peak+_807	2367654	2369054	1450	21%	2367654	2369054	1450	21%	2367654	2369579	1975	17%	2367379	2369579	2250	27%
RTS_R4+_740	RNAP_peak+_808	2370329	2371054	775	17%	2370329	2371054	775	20%	2370254	2371279	1075	74%	2370254	2371279	1075	74%
RTS_R4+_741	RNAP_peak+_809	2379629	2380379	800	81%	2379629	2380379	800	81%	2379629	2380379	800	81%	2379629	2380504	925	72%
RTS_R4+_742	RNAP_peak+_811					2386855	2387930	1125	14%	2386630	2388005	1425	21%	2386630	2388005	1425	21%
RTS_R4+_743	RNAP_peak+_812	2405547	2406797	1300	86%	2405547	2406797	1300	86%	2405547	2406797	1300	86%	2405547	2406797	1300	86%
RTS_R4+_744	RNAP_peak+_813	2406897	2407597	750	62%	2406897	2407697	850	58%	2406897	2407697	850	58%	2406897	2407697	850	61%
RTS_R4+_745	RNAP_peak+_814	2411297	2412697	1450	98%	2411297	2412697	1450	98%	2411297	2412697	1450	98%	2411297	2412697	1450	98%
RTS_R4+_746	RNAP_peak+_815	2412747	2414872	2175	100%	2412747	2414872	2175	100%	2412747	2414872	2175	100%	2412747	2414872	2175	100%
RTS_R4+_747	RNAP_peak+_816					2415122	2416222	1150	22%	2415122	2416222	1150	22%	2415122	2416472	1400	20%
RTS_R4+_748	RNAP_peak+_817	2418647	2419147	550	81%	2418647	2419147	550	90%	2418647	2419222	625	100%	2418647	2419222	625	100%
RTS_R4+_749	RNAP_peak+_818	2419297	2419697	450	100%	2419272	2419697	475	100%	2419272	2419697	475	100%	2419272	2419697	475	100%
RTS_R4+_750	RNAP_peak+_819	2419722	2420722	1050	98%	2419722	2420722	1050	98%	2419722	2420747	1075	98%	2419722	2420747	1075	98%
RTS_R4+_751	RNAP_peak+_820	2435947	2437022	1125	89%	2435947	2437022	1125	89%	2435947	2437022	1125	89%	2435947	2437022	1125	89%
RTS_R4+_752	RNAP_peak+_821	2439797	2441822	2075	70%	2439797	2441822	2075	70%	2439797	2441822	2075	71%	2439797	2441822	2075	71%
RTS_R4+_753	RNAP_peak+_822	2446648	2447298	700	89%	2446498	2447298	850	79%	2446498	2447298	850	79%	2446498	2447298	850	79%
RTS_R4+_754	RNAP_peak+_823	2459275	2460600	1375	91%	2459275	2460600	1375	91%	2459250	2460625	1425	93%	2459250	2460625	1425	93%
RTS_R4+_755	RNAP_peak+_825	2463378	2464103	775	50%	2463353	2464103	800	55%	2463328	2464228	950	76%	2463328	2464228	950	97%
RTS_R4+_756	RNAP_peak+_826	2464353	2464428	125	100%	2464353	2464428	125	100%	2464353	2464428	125	100%	2464353	2464428	125	100%
RTS_R4+_757	RNAP_peak+_827	2464578	2465703	1175	80%	2464578	2465778	1250	78%	2464578	2465778	1250	78%	2464578	2465778	1250	78%
RTS_R4+_758	RNAP_peak+_828	2465878	2466928	1100	100%	2465878	2466928	1100	100%	2465878	2466928	1100	100%	2465878	2466928	1100	100%
RTS_R4+_759	RNAP_peak+_829	2466953	2468403	1500	80%	2466953	2468403	1500	80%	2466953	2468403	1500	80%	2466953	2468403	1500	81%
RTS_R4+_760	RNAP_peak+_830	2468853	2469028	225	50%	2468853	2469028	225	63%	2468778	2469228	500	100%	2468778	2469228	500	100%
RTS_R4+_761	RNAP_peak+_832	2474428	2474553	175	100%	2474278	2474553	325	83%	2474278	2474553	325	83%	2474278	2474553	325	83%
RTS_R4+_762	RNAP_peak+_835	2477178	2478103	975	58%	2477078	2478103	1075	57%	2477078	2478103	1075	57%	2477078	2478128	1100	63%
RTS_R4+_763	RNAP_peak+_836	2481679	2483754	2125	80%	2481679	2483754	2125	80%	2481679	2483754	2125	81%	2481679	2483754	2125	81%
RTS_R4+_764	RNAP_peak+_837	2484079	2485704	1675	23%	2484079	2485704	1675	23%	2484079	2485704	1675	23%	2484079	2485704	1675	26%
RTS_R4+_765	RNAP_peak+_839	2493554	2493679	175	83%	2493554	2493779	275	80%	2493554	2493779	275	80%	2493529	2493779	300	91%
RTS_R4+_766	RNAP_peak+_840	2494829	2495004	225	100%	2494829	2495004	225	100%	2494829	2495004	225	100%	2494829	2495004	225	100%
RTS_R4+_767	RNAP_peak+_841	2497029	2499129	2150	55%	2497029	2499129	2150	56%	2497029	2499129	2150	60%	2497029	2499129	2150	60%
RTS_R4+_768	RNAP_peak+_842	2499304	2499879	625	21%	2499304	2499879	625	25%	2499204	2499879	725	32%	2499204	2499879	725	36%
RTS_R4+_769	RNAP_peak+_843	2507529	2508829	1350	6%	2507529	2508829	1350	8%	2507529	2508829	1350	15%	2507529	2508879	1400	22%
RTS_R4+_770	RNAP_peak+_844	2509004	2509404	450	47%	2509004	2509404	450	59%	2508954	2509404	500	58%	2508954	2509404	500	68%
RTS_R4+_771	RNAP_peak+_845	2510929	2512379	1500	97%	2510929	2512379	1500	97%	2510929	2512379	1500	97%	2510829	2512379	1600	95%
RTS_R4+_772	RNAP_peak+_846	2512404	2513604	1250	100%	2512404	2513604	1250	100%	2512404	2513604	1250	100%	2512404	2513604	1250	100%
RTS_R4+_773	RNAP_peak+_847	2516504	2517204	750	93%	2516504	2517204	750	97%	2516479	2517204	775	100%	2516479	2517204	775	100%
RTS_R4+_774	RNAP_peak+_848	2518954	2519504	600	96%	2518929	2519504	625	96%	2518929	2519504	625	96%	2518929	2519504	625	96%
RTS_R4+_775	RNAP_peak+_849	2523180	2523781	651	20%	2523180	2523856	726	25%	2523180	2523881	751	45%	2523180	2523881	751	48%
RTS_R4+_776	RNAP_peak+_850	2524981	2526106	1175	83%	2524981	2526106	1175	83%	2524956	2526106	1200	85%	2524956	2526106	1200	85%
RTS_R4+_777	RNAP_peak+_851	2529481	2530131	700	100%	2529481	2530131	700	100%	2529481	2530131	700	100%	2529481	2530131	700	100%
RTS_R4+_778	RNAP_peak+_852	2530381	2531581	1250	100%	2530381	2531581	1250	100%	2530381	2531581	1250	100%	2530381	2531581	1250	100%

RTS_R4+_779	RNAP_peak+_853	2531606	2533581	2025	100%	2531606	2533581	2025	100%	2531606	2533581	2025	100%	2531606	2533581	2025	100%
RTS_R4+_780	RNAP_peak+_854	2533606	2534356	800	100%	2533606	2534356	800	100%	2533606	2534381	825	100%	2533606	2534381	825	100%
RTS_R4+_781	RNAP_peak+_855	2535431	2535756	375	71%	2535431	2535756	375	71%	2535431	2535756	375	71%	2535431	2535756	375	100%
RTS_R4+_782	RNAP_peak+_856	2535956	2536656	750	28%	2535956	2536656	750	28%	2535956	2536656	750	31%	2535856	2536656	850	52%
RTS_R4+_783	RNAP_peak+_857	2541735	2541785	100	100%	2541735	2541785	100	100%	2541735	2541785	100	100%	2541735	2541785	100	100%
RTS_R4+_784		2543810	2545910	2150	24%	2543810	2545910	2150	24%	2543810	2545910	2150	24%	2543810	2545910	2150	25%
RTS_R4+_785	RNAP_peak+_858	2546585	2547560	1025	15%	2546510	2547560	1100	30%	2546510	2547560	1100	30%	2546510	2547560	1100	30%
RTS_R4+_786	RNAP_peak+_859	2550310	2552110	1850	96%	2550310	2552110	1850	96%	2550310	2552110	1850	96%	2550310	2552110	1850	96%
RTS_R4+_787	RNAP_peak+_860	2555360	2555960	650	96%	2555360	2555960	650	96%	2555360	2555960	650	96%	2555360	2555960	650	96%
RTS_R4+_788	RNAP_peak+_861	2556810	2558085	1325	88%	2556810	2558085	1325	88%	2556810	2558085	1325	88%	2556810	2558085	1325	88%
RTS_R4+_789	RNAP_peak+_862	2558410	2558810	450	88%	2558410	2558860	500	84%	2558385	2558860	525	85%	2558385	2558860	525	85%
RTS_R4+_790	RNAP_peak+_864	2560136	2560486	400	20%	2560136	2561136	1050	49%	2560136	2561136	1050	49%	2560136	2561136	1050	49%
RTS_R4+_791	RNAP_peak+_865					2561586	2561786	250	44%	2561586	2561786	250	44%	2561586	2561786	250	44%
RTS_R4+_792	RNAP_peak+_866	2561961	2562411	500	95%	2561936	2562461	575	91%	2561936	2562461	575	91%	2561936	2562461	575	95%
RTS_R4+_793	RNAP_peak+_867	2562586	2563311	775	97%	2562561	2563311	800	97%	2562561	2563311	800	97%	2562561	2563311	800	97%
RTS_R4+_794	RNAP_peak+_868									2570187	2570462	325	33%	2570187	2570462	325	33%
RTS_R4+_795	RNAP_peak+_869	2576637	2579762	3175	100%	2576637	2579762	3175	100%	2576637	2579762	3175	100%	2576637	2579762	3175	100%
RTS_R4+_796	RNAP_peak+_870	2583613	2585113	1550	34%	2583613	2585113	1550	59%	2583613	2585113	1550	59%	2583613	2585113	1550	61%
RTS_R4+_797	RNAP_peak+_871	2585563	2587788	2275	6%	2585563	2587788	2275	18%	2585563	2587788	2275	18%	2585563	2587788	2275	19%
RTS_R4+_798	RNAP_peak+_872	2589263	2589413	200	100%	2589263	2589413	200	100%	2589263	2589413	200	100%	2589188	2589413	275	80%
RTS_R4+_799	RNAP_peak+_873	2589438	2590663	1275	100%	2589438	2590663	1275	100%	2589438	2590688	1300	100%	2589438	2590688	1300	100%
RTS_R4+_800	RNAP_peak+_874	2590713	2591038	375	100%	2590713	2591038	375	100%	2590713	2591263	600	100%	2590713	2591263	600	100%
RTS_R4+_801	RNAP_peak+_875									2594813	2594988	225	88%	2594813	2594988	225	88%
RTS_R4+_802	RNAP_peak+_876	2597863	2598413	600	100%	2597863	2598413	600	100%	2597863	2598413	600	100%	2597863	2598413	600	100%
RTS_R4+_803	RNAP_peak+_877	2598438	2598963	575	100%	2598438	2598963	575	100%	2598438	2598963	575	100%	2598438	2598963	575	100%
RTS_R4+_804	RNAP_peak+_878	2614040	2616065	2075	95%	2614040	2616065	2075	95%	2614040	2616065	2075	95%	2614040	2616065	2075	95%
RTS_R4+_805	RNAP_peak+_879	2619191	2620891	1750	100%	2619191	2620891	1750	100%	2619191	2620891	1750	100%	2619191	2620891	1750	100%
RTS_R4+_806	RNAP_peak+_880	2620966	2624653	3737	99%	2620966	2624653	3737	99%	2620966	2624653	3737	99%	2620966	2624653	3737	99%
RTS_R4+_807	RNAP_peak+_881									2626078	2626153	125	100%	2626078	2626153	125	100%
RTS_R4+_808	RNAP_peak+_882	2627303	2627503	250	100%	2627303	2627503	250	100%	2627303	2627503	250	100%	2627303	2627503	250	100%
RTS_R4+_809	RNAP_peak+_883					2628478	2628853	425	31%	2627878	2628853	1025	53%	2627878	2628853	1025	53%
RTS_R4+_810	RNAP_peak+_884	2632253	2633753	1550	97%	2632253	2633753	1550	97%	2632253	2633753	1550	97%	2632253	2633753	1550	97%
RTS_R4+_811	RNAP_peak+_885	2650430	2651330	950	100%	2650430	2651330	950	100%	2650430	2651330	950	100%	2650430	2651355	975	100%
RTS_R4+_812	RNAP_peak+_887	2651899	2652149	300	100%	2651899	2652149	300	100%	2651899	2652149	300	100%	2651899	2652149	300	100%
RTS_R4+_813	RNAP_peak+_888	2661452	2662202	800	94%	2661452	2662202	800	94%	2661452	2662202	800	94%	2661452	2662202	800	94%
RTS_R4+_814	RNAP_peak+_890	2663477	2664677	1250	31%	2663477	2664677	1250	31%	2663452	2664952	1550	98%	2663452	2664952	1550	98%
RTS_R4+_815	RNAP_peak+_891									2666202	2666327	175	100%	2666202	2666327	175	100%
RTS_R4+_816		2667227	2671227	4050	19%	2667227	2671227	4050	20%	2667227	2671227	4050	22%	2667227	2671227	4050	22%
RTS_R4+_817	RNAP_peak+_892	2671302	2671777	525	90%	2671302	2671777	525	90%	2671302	2671777	525	100%	2671302	2671777	525	100%
RTS_R4+_818	RNAP_peak+_893	2680902	2681977	1125	25%	2680902	2682077	1225	65%	2680827	2682077	1300	63%	2680827	2682077	1300	65%
RTS_R4+_819	RNAP_peak+_894	2682152	2682227	125	75%	2682152	2682252	150	80%	2682152	2682252	150	80%	2682152	2682252	150	80%
RTS_R4+_820	RNAP_peak+_895	2683852	2684752	950	92%	2683852	2684752	950	92%	2683852	2685052	1250	94%	2683852	2685052	1250	94%
RTS_R4+_821	RNAP_peak+_896	2693777	2694952	1225	42%	2693777	2694952	1225	42%	2693777	2694952	1225	46%	2693777	2694952	1225	46%
RTS_R4+_822	RNAP_peak+_897	2696727	2697627	950	62%	2696727	2697627	950	81%	2696727	2697627	950	81%	2696727	2697627	950	81%
RTS_R4+_823	RNAP_peak+_898	2697677	2698002	375	86%	2697652	2698002	400	87%	2697652	2698002	400	87%	2697652	2698002	400	87%
RTS_R4+_824	RNAP_peak+_899	2708439	2710114	1725	99%	2708439	2710114	1725	99%	2708439	2710114	1725	99%	2708439	2710114	1725	100%

RTS_R4+_825	RNAP_peak+_900	2710789	2712414	1675	98%	2710789	2712414	1675	98%	2710789	2712414	1675	98%	2710789	2712414	1675	98%
RTS_R4+_826	RNAP_peak+_902	2714764	2715564	850	94%	2714764	2715564	850	94%	2714764	2715564	850	94%	2714764	2715564	850	94%
RTS_R4+_827	RNAP_peak+_903	2716714	2717164	500	100%	2716714	2717164	500	100%	2716714	2717164	500	100%	2716714	2717164	500	100%
RTS_R4+_828	RNAP_peak+_904	2717264	2720264	3050	57%	2717264	2720264	3050	57%	2717264	2720264	3050	78%	2717264	2720264	3050	78%
RTS_R4+_829	RNAP_peak+_905	2720339	2720639	350	100%	2720339	2720639	350	100%	2720314	2720639	375	100%	2720314	2720639	375	100%
RTS_R4+_830	RNAP_peak+_906	2720664	2722089	1475	100%	2720664	2722089	1475	100%	2720664	2722089	1475	100%	2720664	2722089	1475	100%
RTS_R4+_831	RNAP_peak+_908	2723890	2724015	175	100%	2723890	2724015	175	100%	2723890	2724040	200	100%	2723890	2724040	200	100%
RTS_R4+_832	RNAP_peak+_909	2734019	2734894	925	97%	2734019	2734894	925	97%	2734019	2734894	925	97%	2733994	2734894	950	100%
RTS_R4+_833	RNAP_peak+_910	2735144	2735519	425	100%	2735144	2735569	475	100%	2735144	2735569	475	100%	2735144	2735569	475	100%
RTS_R4+_834	RNAP_peak+_911	2735619	2736819	1250	98%	2735619	2736819	1250	98%	2735619	2736819	1250	98%	2735619	2736819	1250	98%
RTS_R4+_835	RNAP_peak+_912					2739394	2739744	400	67%	2739394	2739744	400	100%	2739394	2739744	400	100%
RTS_R4+_836	RNAP_peak+_913	2739869	2742119	2300	49%	2739869	2742119	2300	49%	2739869	2742119	2300	53%	2739869	2742119	2300	54%
RTS_R4+_837	RNAP_peak+_914	2745970	2747970	2050	95%	2745970	2747970	2050	95%	2745970	2747970	2050	95%	2745970	2747970	2050	96%
RTS_R4+_838	RNAP_peak+_915	2748770	2749645	925	100%	2748770	2749645	925	100%	2748770	2749645	925	100%	2748745	2749645	950	100%
RTS_R4+_839	RNAP_peak+_916	2749820	2751470	1700	87%	2749820	2751470	1700	87%	2749820	2751470	1700	87%	2749820	2751470	1700	88%
RTS_R4+_840	RNAP_peak+_917	2751520	2751970	500	100%	2751520	2751970	500	100%	2751520	2751970	500	100%	2751520	2751970	500	100%
RTS_R4+_841	RNAP_peak+_918	2752820	2753495	725	100%	2752820	2753495	725	100%	2752820	2753495	725	100%	2752820	2753495	725	100%
RTS_R4+_842	RNAP_peak+_919	2753620	2754020	450	100%	2753620	2754020	450	100%	2753620	2754020	450	100%	2753620	2754020	450	100%
RTS_R4+_843	RNAP_peak+_920	2754170	2755370	1250	100%	2754170	2755370	1250	100%	2754170	2755370	1250	100%	2754170	2755370	1250	100%
RTS_R4+_844	RNAP_peak+_921	2755920	2755995	125	75%	2755920	2755995	125	75%	2755920	2755995	125	75%	2755920	2756070	200	57%
RTS_R4+_845		2763436	2763486	100	100%	2763411	2763811	450	47%	2763411	2763811	450	47%	2763411	2763811	450	53%
RTS_R4+_846	RNAP_peak+_924	2763936	2764486	600	100%	2763936	2764486	600	100%	2763936	2764486	600	100%	2763936	2764486	600	100%
RTS_R4+_847	RNAP_peak+_925	2764511	2765361	900	91%	2764511	2765436	975	89%	2764511	2765461	1000	95%	2764511	2765461	1000	95%
RTS_R4+_848	RNAP_peak+_926					2766092	2766392	350	23%	2766092	2766592	550	33%	2766092	2766592	550	33%
RTS_R4+_849	RNAP_peak+_927	2769842	2770167	375	57%	2769842	2770167	375	57%	2769842	2770167	375	57%	2769842	2770167	375	57%
RTS_R4+_850	RNAP_peak+_928	2771342	2772842	1550	18%	2771342	2772842	1550	18%	2771342	2772842	1550	18%	2771242	2772842	1650	20%
RTS_R4+_851	RNAP_peak+_929					2773442	2773467	75	100%	2773417	2773492	125	100%	2773417	2773492	125	100%
RTS_R4+_852	RNAP_peak+_931	2775867	2775993	176	50%	2775792	2775993	251	44%	2775792	2776043	301	45%	2775792	2776043	301	45%
RTS_R4+_853	RNAP_peak+_932	2776893	2776993	150	100%	2776893	2776993	150	100%	2776893	2776993	150	100%	2776893	2776993	150	100%
RTS_R4+_854	RNAP_peak+_934	2786976	2788826	1900	52%	2786976	2788826	1900	52%	2786976	2788826	1900	88%	2786976	2788826	1900	88%
RTS_R4+_855	RNAP_peak+_935	2788901	2792152	3301	85%	2788901	2792152	3301	85%	2788851	2792152	3351	88%	2788851	2793677	4876	99%
RTS_R4+_856	RNAP_peak+_936	2793702	2794352	700	85%	2793702	2794352	700	93%	2793702	2794352	700	93%	2793702	2794352	700	96%
RTS_R4+_857	RNAP_peak+_937	2795527	2795777	300	36%	2795252	2796027	825	41%	2795252	2796027	825	41%	2795252	2796027	825	44%
RTS_R4+_858	RNAP_peak+_938					2797127	2797902	825	84%	2797127	2797902	825	84%	2797127	2797902	825	84%
RTS_R4+_859	RNAP_peak+_939	2798177	2798502	375	100%	2798177	2798502	375	100%	2798177	2798502	375	100%	2798177	2798502	375	100%
RTS_R4+_860	RNAP_peak+_940	2798702	2802178	3526	59%	2798702	2802178	3526	59%	2798702	2802278	3626	67%	2798702	2802478	3826	97%
RTS_R4+_861	RNAP_peak+_941	2802828	2806028	3250	94%	2802828	2806028	3250	94%	2802828	2806028	3250	94%	2802828	2806028	3250	94%
RTS_R4+_862	RNAP_peak+_943	2807628	2808828	1250	100%	2807628	2808828	1250	100%	2807628	2808828	1250	100%	2807628	2808828	1250	100%
RTS_R4+_863	RNAP_peak+_944	2808853	2810103	1300	100%	2808853	2810103	1300	100%	2808853	2810103	1300	100%	2808853	2810103	1300	100%
RTS_R4+_864	RNAP_peak+_945	2810128	2812178	2100	88%	2810128	2812178	2100	89%	2810128	2812178	2100	93%	2810128	2812178	2100	93%
RTS_R4+_865	RNAP_peak+_946									2812831	2812856	75	100%	2812831	2812856	75	100%
RTS_R4+_866	RNAP_peak+_947	2825931	2826281	400	33%	2823906	2826281	2425	7%	2823906	2826281	2425	10%	2823906	2826281	2425	10%
RTS_R4+_867	RNAP_peak+_949	2827006	2827731	775	100%	2827006	2827731	775	100%	2826981	2827731	800	100%	2826981	2827731	800	100%
RTS_R4+_868	RNAP_peak+_950	2827781	2828756	1025	90%	2827781	2828756	1025	90%	2827781	2828756	1025	90%	2827781	2828756	1025	90%
RTS_R4+_869	RNAP_peak+_951					2830756	2831056	350	38%	2830756	2831056	350	38%	2830756	2831056	350	38%
RTS_R4+_870	RNAP_peak+_952	2835331	2835456	175	83%	2835331	2835456	175	83%	2835331	2835456	175	100%	2835331	2835456	175	100%

RTS_R4+_871	RNAP_peak+_953	2837606	2840456	2900	16%	2837606	2840456	2900	21%	2837481	2840481	3050	35%	2837481	2840481	3050	35%
RTS_R4+_872	RNAP_peak+_954	2848881	2850631	1800	49%	2848881	2850631	1800	52%	2848881	2850631	1800	52%	2848706	2850681	2025	71%
RTS_R4+_873	RNAP_peak+_955	2850706	2852281	1625	67%	2850706	2852456	1800	73%	2850706	2852456	1800	86%	2850706	2852306	1650	86%
RTS_R4+_874	RNAP_peak+_956	2852431	2854256	1875	32%	2852531	2854256	1775	31%	2852531	2854256	1775	33%	2852331	2854256	1975	50%
RTS_R4+_875	RNAP_peak+_957	2855081	2857531	2500	93%	2855081	2857531	2500	93%	2855081	2857731	2700	87%	2855081	2857731	2700	87%
RTS_R4+_876	RNAP_peak+_959	2860157	2863807	3700	3%	2859507	2863807	4350	3%	2859457	2864407	5000	62%	2859457	2864407	5000	62%
RTS_R4+_877	RNAP_peak+_960	2865857	2865932	125	100%	2865857	2865932	125	100%	2865857	2865932	125	100%	2865857	2865932	125	100%
RTS_R4+_878	RNAP_peak+_961	2874607	2875632	1075	79%	2874607	2875632	1075	79%	2874607	2875632	1075	79%	2874607	2875632	1075	81%
RTS_R4+_879	RNAP_peak+_962	2890253	2890803	600	87%	2890253	2892703	2500	22%	2890253	2892703	2500	22%	2890253	2892703	2500	22%
RTS_R4+_880	RNAP_peak+_964					2901938	2902488	600	17%	2901938	2902488	600	17%	2901938	2902488	600	17%
RTS_R4+_881	RNAP_peak+_966	2912813	2915838	3075	76%	2912813	2915838	3075	76%	2912813	2915838	3075	76%	2912813	2915838	3075	77%
RTS_R4+_882	RNAP_peak+_967	2923363	2924213	900	97%	2923363	2924213	900	97%	2923363	2924213	900	97%	2923363	2924213	900	97%
RTS_R4+_883	RNAP_peak+_968	2924263	2925688	1475	98%	2924263	2925688	1475	98%	2924263	2925688	1475	100%	2924263	2925688	1475	100%
RTS_R4+_884	RNAP_peak+_969	2926165	2929815	3700	67%	2926165	2929815	3700	68%	2926165	2929815	3700	68%	2926165	2929815	3700	68%
RTS_R4+_885	RNAP_peak+_970	2936540	2938123	1633	89%	2936540	2938123	1633	89%	2936515	2938123	1658	89%	2936515	2938123	1658	91%
RTS_R4+_886	RNAP_peak+_971	2940748	2940798	100	100%	2940748	2940848	150	100%	2940748	2940848	150	100%	2940748	2940848	150	100%
RTS_R4+_887	RNAP_peak+_972	2941373	2942348	1025	100%	2941348	2942348	1050	100%	2941348	2942348	1050	100%	2941348	2942348	1050	100%
RTS_R4+_888	RNAP_peak+_973	2942373	2942998	675	96%	2942373	2942998	675	96%	2942373	2942998	675	100%	2942373	2942998	675	100%
RTS_R4+_889	RNAP_peak+_974	2943998	2944023	75	100%	2943998	2944023	75	100%	2943923	2944023	150	80%	2943923	2944023	150	80%
RTS_R4+_890	RNAP_peak+_975	2945423	2945498	125	100%	2945423	2945498	125	100%	2945423	2945498	125	100%	2945423	2945498	125	100%
RTS_R4+_891	RNAP_peak+_976	2947248	2948998	1800	97%	2947248	2949273	2075	100%	2947248	2949273	2075	100%	2947223	2949273	2100	100%
RTS_R4+_892	RNAP_peak+_977	2967600	2968125	575	59%	2967600	2968275	725	50%	2967600	2968275	725	54%	2967600	2968275	725	54%
RTS_R4+_893	RNAP_peak+_978	2968450	2968925	525	70%	2968450	2968925	525	70%	2968450	2968925	525	70%	2968450	2968925	525	70%
RTS_R4+_894	RNAP_peak+_979	2969300	2969450	200	100%	2969300	2969500	250	100%	2969300	2969500	250	100%	2969300	2969500	250	100%
RTS_R4+_895	RNAP_peak+_980	2969575	2970778	1253	96%	2969575	2970778	1253	96%	2969575	2970778	1253	96%	2969575	2970778	1253	98%
RTS_R4+_896	RNAP_peak+_981	2974578	2975603	1075	81%	2974578	2975603	1075	83%	2974578	2975603	1075	83%	2974578	2975778	1250	78%
RTS_R4+_897	RNAP_peak+_982	2977028	2977903	925	36%	2977028	2977903	925	36%	2977028	2977903	925	36%	2977028	2977903	925	36%
RTS_R4+_898	RNAP_peak+_983													2980503	2980778	325	67%
RTS_R4+_899	RNAP_peak+_984					2981553	2981678	175	50%	2981553	2981853	350	77%	2981553	2981853	350	77%
RTS_R4+_900	RNAP_peak+_993	2994400	2994625	275	100%	2994400	2994625	275	100%	2994300	2994625	375	79%	2994300	2994625	375	79%
RTS_R4+_901	RNAP_peak+_994	2998750	3002100	3400	5%	2998750	3002100	3400	5%	2998550	3002100	3600	17%	2998425	3002100	3725	22%
RTS_R4+_902	RNAP_peak+_995									3005554	3010179	4675	5%	3005554	3010179	4675	5%
RTS_R4+_903	RNAP_peak+_996					3013204	3013454	300	64%	3013129	3013954	875	74%	3013129	3013954	875	74%
RTS_R4+_904	RNAP_peak+_997									3016154	3021804	5700	9%	3016154	3021804	5700	9%
RTS_R4+_905		3023779	3025529	1800	28%	3023779	3025529	1800	28%	3023729	3026502	2823	22%	3023729	3026502	2823	92%
RTS_R4+_906	RNAP_peak+_999	3031102	3031627	575	32%	3031077	3031627	600	65%	3031077	3031727	700	81%	3031077	3031727	700	81%
RTS_R4+_907	RNAP_peak+_1000	3037877	3038377	550	100%	3037877	3038377	550	100%	3037877	3038377	550	100%	3037877	3038377	550	100%
RTS_R4+_908	RNAP_peak+_1001	3039327	3040677	1400	95%	3039327	3040677	1400	95%	3039327	3040677	1400	95%	3039327	3040677	1400	95%
RTS_R4+_909	RNAP_peak+_1002	3041627	3043177	1600	95%	3041627	3043177	1600	98%	3041627	3043177	1600	98%	3041627	3043177	1600	98%
RTS_R4+_910	RNAP_peak+_1003	3053527	3053777	300	100%	3053527	3053777	300	100%	3053527	3053777	300	100%	3053527	3053777	300	100%
RTS_R4+_911	RNAP_peak+_1004	3053802	3054627	875	88%	3053802	3054627	875	88%	3053802	3054627	875	88%	3053802	3054627	875	88%
RTS_R4+_912	RNAP_peak+_1005	3054902	3055127	275	90%	3054902	3055152	300	91%	3054902	3055152	300	91%	3054902	3055152	300	91%
RTS_R4+_913	RNAP_peak+_1006	3057777	3058503	776	97%	3057777	3058503	776	97%	3057777	3058503	776	97%	3057777	3058503	776	100%
RTS_R4+_914	RNAP_peak+_1007	3065208	3065483	325	50%	3065058	3065483	475	50%	3065058	3065533	525	65%	3065058	3065533	525	65%
RTS_R4+_915	RNAP_peak+_1008	3079896	3080696	850	97%	3079721	3080721	1050	93%	3079721	3080771	1100	91%	3079721	3080771	1100	91%
RTS_R4+_916	RNAP_peak+_1010	3084624	3085874	1300	100%	3084624	3085874	1300	100%	3084624	3085874	1300	100%	3084624	3085874	1300	100%

RTS_R4+_917	RNAP_peak+_1011	3086274	3088024	1800	87%	3086274	3088024	1800	87%	3086274	3088974	2750	71%	3086249	3088974	2775	71%
RTS_R4+_918	RNAP_peak+_1012	3089124	3091049	1975	100%	3089124	3091049	1975	100%	3089124	3091049	1975	100%	3089124	3091049	1975	100%
RTS_R4+_919	RNAP_peak+_1013	3091074	3092024	1000	97%	3091074	3092024	1000	97%	3091074	3092024	1000	97%	3091074	3092024	1000	97%
RTS_R4+_920	RNAP_peak+_1014	3093124	3094599	1525	100%	3093124	3094599	1525	100%	3093124	3094599	1525	100%	3093124	3094599	1525	100%
RTS_R4+_921	RNAP_peak+_1015	3094624	3096449	1875	99%	3094624	3096449	1875	100%	3094624	3096449	1875	100%	3094624	3096449	1875	100%
RTS_R4+_922	RNAP_peak+_1016													3096574	3096599	75	100%
RTS_R4+_923	RNAP_peak+_1017									3098699	3098874	225	50%	3098699	3098874	225	50%
RTS_R4+_924	RNAP_peak+_1018	3101024	3102049	1075	100%	3101024	3102049	1075	100%	3101024	3102049	1075	100%	3101024	3102049	1075	100%
RTS_R4+_925	RNAP_peak+_1019	3102074	3103524	1500	97%	3102074	3103524	1500	97%	3102074	3103524	1500	97%	3102074	3103524	1500	97%
RTS_R4+_926	RNAP_peak+_1020	3103699	3104624	975	34%	3103699	3104624	975	37%	3103699	3104624	975	37%	3103699	3104624	975	37%
RTS_R4+_927	RNAP_peak+_1021					3107238	3108088	900	17%	3107238	3108288	1100	33%	3107238	3108288	1100	33%
RTS_R4+_928	RNAP_peak+_1022	3108413	3108463	100	100%	3108413	3108463	100	100%	3108413	3108463	100	100%	3108413	3108463	100	100%
RTS_R4+_929	RNAP_peak+_1023	3109263	3109588	375	100%	3109263	3109588	375	100%	3109263	3109588	375	100%	3109263	3109588	375	100%
RTS_R4+_930	RNAP_peak+_1024	3119488	3119588	150	60%	3119413	3119588	225	100%	3119263	3119613	400	73%	3119263	3119613	400	73%
RTS_R4+_931	RNAP_peak+_1025	3126238	3127213	1025	82%	3126238	3127213	1025	82%	3126238	3127213	1025	85%	3126238	3127213	1025	85%
RTS_R4+_932	RNAP_peak+_1026	3128163	3129238	1125	100%	3128163	3129238	1125	100%	3128163	3129238	1125	100%	3128163	3129238	1125	100%
RTS_R4+_933	RNAP_peak+_1028	3136738	3137738	1050	100%	3136738	3137738	1050	100%	3136738	3137738	1050	100%	3136738	3137738	1050	100%
RTS_R4+_934	RNAP_peak+_1029	3145913	3146688	825	75%	3145913	3146688	825	75%	3145913	3147038	1175	87%	3145913	3147038	1175	87%
RTS_R4+_935	RNAP_peak+_1030	3147688	3148563	925	89%	3147688	3148563	925	89%	3147688	3148563	925	89%	3147688	3148563	925	97%
RTS_R4+_936	RNAP_peak+_1031	3150263	3151463	1250	100%	3150263	3151463	1250	100%	3150188	3151463	1325	98%	3150188	3151463	1325	98%
RTS_R4+_937	RNAP_peak+_1032	3151488	3152213	775	97%	3151488	3152213	775	97%	3151488	3152213	775	100%	3151488	3152213	775	100%
RTS_R4+_938	RNAP_peak+_1033	3153347	3155447	2150	99%	3153322	3154622	1350	98%	3153322	3154622	1350	98%	3153322	3154622	1350	100%
RTS_R4+_939	RNAP_peak+_1034	3154647	3155447	850	100%	3154647	3155447	850	100%	3154647	3155447	850	100%	3154647	3155522	925	97%
RTS_R4+_940	RNAP_peak+_1035	3167899	3169799	1950	26%	3167899	3169799	1950	26%	3167824	3169824	2050	33%	3167824	3169824	2050	41%
RTS_R4+_941	RNAP_peak+_1036	3170552	3171152	650	100%	3170552	3171152	650	100%	3170552	3171152	650	100%	3170552	3171152	650	100%
RTS_R4+_942	RNAP_peak+_1037	3171177	3171452	325	100%	3171177	3171452	325	100%	3171177	3171477	350	100%	3171177	3171527	400	93%
RTS_R4+_943	RNAP_peak+_1038					3175102	3175277	225	38%	3175102	3175277	225	38%	3175102	3175277	225	38%
RTS_R4+_944	RNAP_peak+_1039	3175902	3177702	1850	99%	3175902	3177702	1850	99%	3175902	3177702	1850	99%	3175902	3177702	1850	99%
RTS_R4+_945	RNAP_peak+_1040	3177752	3178852	1150	98%	3177752	3178852	1150	98%	3177752	3178852	1150	98%	3177752	3178852	1150	98%
RTS_R4+_946	RNAP_peak+_1041	3178877	3179602	775	97%	3178877	3179602	775	97%	3178877	3179602	775	97%	3178877	3179652	825	94%
RTS_R4+_947	RNAP_peak+_1042	3180477	3181327	900	97%	3180477	3181327	900	97%	3180477	3181327	900	97%	3180477	3181327	900	97%
RTS_R4+_948	RNAP_peak+_1043	3182852	3183127	325	100%	3182852	3183127	325	100%	3182852	3183127	325	100%	3182852	3183127	325	100%
RTS_R4+_949	RNAP_peak+_1046	3184202	3185427	1275	100%	3184202	3185552	1400	93%	3184202	3185552	1400	93%	3184127	3185552	1475	90%
RTS_R4+_950	RNAP_peak+_1049	3199102	3199827	775	100%	3199102	3199827	775	100%	3199102	3199827	775	100%	3199102	3199827	775	100%
RTS_R4+_951	RNAP_peak+_1050	3199852	3201402	1600	95%	3199852	3201402	1600	95%	3199852	3201402	1600	95%	3199852	3201402	1600	95%
RTS_R4+_952	RNAP_peak+_1051	3202702	3203352	700	96%	3202702	3203352	700	96%	3202627	3203352	775	93%	3202627	3203352	775	93%
RTS_R4+_953	RNAP_peak+_1053	3208702	3210627	1975	100%	3208702	3210627	1975	100%	3208702	3210627	1975	100%	3208702	3210627	1975	100%
RTS_R4+_954	RNAP_peak+_1054	3210652	3212952	2350	100%	3210652	3212952	2350	100%	3210652	3212952	2350	100%	3210652	3212952	2350	100%
RTS_R4+_955	RNAP_peak+_1055	3213652	3213677	75	100%	3213652	3213677	75	100%	3213652	3213677	75	100%	3213652	3213677	75	100%
RTS_R4+_956	RNAP_peak+_1056	3214802	3215502	750	93%	3214802	3215552	800	94%	3214752	3215552	850	91%	3214752	3215552	850	91%
RTS_R4+_957	RNAP_peak+_1057	3217502	3218877	1425	100%	3217502	3218877	1425	100%	3217502	3219052	1600	98%	3217502	3219052	1600	98%
RTS_R4+_958	RNAP_peak+_1058	3219453	3220353	950	73%	3219453	3220353	950	73%	3219453	3220353	950	73%	3219428	3220353	975	74%
RTS_R4+_959	RNAP_peak+_1059	3229953	3231528	1625	8%	3229953	3231528	1625	8%	3229703	3231653	2000	47%	3229703	3231653	2000	47%
RTS_R4+_960	RNAP_peak+_1061	3233953	3234428	525	65%	3233953	3234428	525	65%	3233953	3234428	525	65%	3233953	3234428	525	70%
RTS_R4+_961	RNAP_peak+_1062	3235328	3236153	875	94%	3235328	3236153	875	94%	3235328	3236328	1050	98%	3235328	3236328	1050	98%
RTS_R4+_962	RNAP_peak+_1063	3236378	3236553	225	88%	3236378	3236553	225	88%	3236378	3236553	225	100%	3236378	3236553	225	100%

RTS_R4+_963	RNAP_peak+_1065	3237903	3239128	1275	98%	3237903	3239128	1275	98%	3237903	3239128	1275	98%	3237903	3239128	1275	98%
RTS_R4+_964	RNAP_peak+_1066					3243498	3244523	1075	33%	3243198	3244523	1375	63%	3243198	3244523	1375	63%
RTS_R4+_965	RNAP_peak+_1067	3244673	3245423	800	100%	3244648	3245423	825	100%	3244648	3245423	825	100%	3244648	3245423	825	100%
RTS_R4+_966	RNAP_peak+_1068	3245523	3246823	1350	91%	3245523	3246823	1350	92%	3245523	3246823	1350	92%	3245523	3246823	1350	94%
RTS_R4+_967	RNAP_peak+_1069	3246873	3248398	1575	98%	3246873	3248398	1575	100%	3246873	3248398	1575	100%	3246873	3248398	1575	100%
RTS_R4+_968	RNAP_peak+_1070					3248448	3248923	525	45%	3248448	3248923	525	55%	3248448	3248923	525	55%
RTS_R4+_969	RNAP_peak+_1071	3249048	3249723	725	93%	3249048	3249723	725	93%	3249048	3249723	725	93%	3249048	3250073	1075	79%
RTS_R4+_970	RNAP_peak+_1072	3250298	3250723	475	89%	3250298	3250723	475	89%	3250223	3250723	550	86%	3250223	3250723	550	86%
RTS_R4+_971	RNAP_peak+_1074													3252349	3252524	225	25%
RTS_R4+_972	RNAP_peak+_1075	3253074	3253299	275	100%	3253074	3253324	300	100%	3253074	3253324	300	100%	3253049	3253324	325	100%
RTS_R4+_973	RNAP_peak+_1078	3267751	3268195	494	50%	3267751	3268195	494	72%	3267751	3268195	494	78%	3267751	3268195	494	78%
RTS_R4+_974	RNAP_peak+_1079	3273295	3274395	1150	16%	3273295	3274845	1600	57%	3273295	3274845	1600	70%	3273295	3274845	1600	70%
RTS_R4+_975	RNAP_peak+_1080	3275020	3275795	825	97%	3274995	3275795	850	97%	3274995	3275820	875	100%	3274995	3275820	875	100%
RTS_R4+_976	RNAP_peak+_1084	3291421	3293821	2450	100%	3291421	3293821	2450	100%	3291421	3293821	2450	100%	3291421	3293821	2450	100%
RTS_R4+_977	RNAP_peak+_1085	3293846	3294571	775	100%	3293846	3294571	775	100%	3293846	3294571	775	100%	3293846	3294571	775	100%
RTS_R4+_978	RNAP_peak+_1086	3294596	3295171	625	100%	3294596	3295171	625	100%	3294596	3295171	625	100%	3294596	3295171	625	100%
RTS_R4+_979	RNAP_peak+_1087	3296971	3297521	600	65%	3296971	3297521	600	65%	3296971	3297521	600	70%	3296971	3297521	600	83%
RTS_R4+_980	RNAP_peak+_1088	3297996	3298221	275	70%	3297996	3298221	275	70%	3297996	3298221	275	70%	3297996	3298221	275	70%
RTS_R4+_981	RNAP_peak+_1089					3299496	3301096	1650	48%	3299271	3301096	1875	45%	3299271	3301096	1875	62%
RTS_R4+_982	RNAP_peak+_1090	3301471	3302796	1375	89%	3301471	3302796	1375	89%	3301471	3302796	1375	89%	3301471	3302796	1375	89%
RTS_R4+_983	RNAP_peak+_1092	3316596	3317946	1400	100%	3316596	3317946	1400	100%	3316521	3317946	1475	98%	3316521	3317946	1475	98%
RTS_R4+_984	RNAP_peak+_1093	3325796	3326171	425	100%	3325796	3326171	425	100%	3325796	3326171	425	100%	3325796	3326171	425	100%
RTS_R4+_985	RNAP_peak+_1094	3326971	3328371	1450	91%	3326971	3328371	1450	91%	3326971	3328371	1450	91%	3326971	3328521	1600	84%
RTS_R4+_986	RNAP_peak+_1095	3331546	3332696	1200	96%	3331546	3333096	1600	76%	3331546	3333096	1600	76%	3331546	3333096	1600	76%
RTS_R4+_987	RNAP_peak+_1096	3338272	3340272	2050	89%	3338272	3340272	2050	90%	3338272	3340272	2050	90%	3338272	3340272	2050	90%
RTS_R4+_988	RNAP_peak+_1097	3340297	3341272	1025	100%	3340297	3341272	1025	100%	3340297	3341272	1025	100%	3340297	3341272	1025	100%
RTS_R4+_989	RNAP_peak+_1098	3341297	3342697	1450	100%	3341297	3342697	1450	100%	3341297	3342697	1450	100%	3341297	3342697	1450	100%
RTS_R4+_990	RNAP_peak+_1099	3342722	3344222	1550	100%	3342722	3344222	1550	100%	3342722	3344222	1550	100%	3342722	3344222	1550	100%
RTS_R4+_991	RNAP_peak+_1100	3344247	3346297	2100	96%	3344247	3346297	2100	96%	3344247	3346297	2100	96%	3344247	3346297	2100	96%
RTS_R4+_992	RNAP_peak+_1101	3346472	3347397	975	92%	3346472	3347397	975	92%	3346472	3347397	975	92%	3346472	3347397	975	92%
RTS_R4+_993	RNAP_peak+_1102	3348629	3348704	125	100%	3348629	3348704	125	100%	3348604	3348704	150	100%	3348604	3348704	150	100%
RTS_R4+_994	RNAP_peak+_1103	3350079	3350104	75	100%	3350079	3350104	75	100%	3350054	3350104	100	100%	3350054	3350104	100	100%
RTS_R4+_995	RNAP_peak+_1104	3352104	3352154	100	100%	3352104	3352329	275	50%	3352104	3352329	275	50%	3352104	3352329	275	50%
RTS_R4+_996	RNAP_peak+_1105	3352554	3358729	6225	100%	3352554	3358729	6225	100%	3352554	3358729	6225	100%	3352554	3358729	6225	100%
RTS_R4+_997	RNAP_peak+_1106	3359204	3359754	600	100%	3359204	3359754	600	100%	3359204	3360079	925	67%	3359204	3360079	925	69%
RTS_R4+_998	RNAP_peak+_1108									3361129	3363029	1950	10%	3361129	3363029	1950	17%
RTS_R4+_999	RNAP_peak+_1110	3365004	3365879	925	36%	3365004	3365879	925	53%	3365004	3365879	925	67%	3365004	3365879	925	78%
RTS_R4+_1000	RNAP_peak+_1113	3378159	3378584	475	100%	3378059	3378584	575	91%	3378059	3378584	575	91%	3378059	3378584	575	95%
RTS_R4+_1001	RNAP_peak+_1114	3378709	3380084	1425	100%	3378709	3380084	1425	100%	3378709	3380084	1425	100%	3378709	3380084	1425	100%
RTS_R4+_1002	RNAP_peak+_1115	3380184	3381284	1150	98%	3380184	3381284	1150	98%	3380184	3381284	1150	98%	3380184	3381284	1150	98%
RTS_R4+_1003	RNAP_peak+_1116	3382684	3383184	550	95%	3382684	3383184	550	95%	3382684	3383184	550	95%	3382684	3383184	550	95%
RTS_R4+_1004	RNAP_peak+_1117	3383628	3383753	175	33%	3383528	3383803	325	92%	3383528	3383803	325	92%	3383528	3383803	325	92%
RTS_R4+_1005	RNAP_peak+_1118	3387003	3387503	550	90%	3387003	3387503	550	90%	3387003	3387503	550	90%	3386978	3387503	575	91%
RTS_R4+_1006	RNAP_peak+_1119	3387553	3388428	925	97%	3387553	3388428	925	97%	3387553	3388428	925	97%	3387553	3388428	925	97%
RTS_R4+_1007	RNAP_peak+_1120					3391028	3391128	150	80%	3391028	3391128	150	80%	3391028	3391128	150	80%
RTS_R4+_1008	RNAP_peak+_1121					3392528	3392628	150	40%	3392528	3392628	150	40%	3392528	3392628	150	40%

RTS_R4+_1009	RNAP_peak+_1122									3395878	3395928	100	100%	3395878	3395928	100	100%
RTS_R4+_1010	RNAP_peak+_1123	3401278	3401328	100	100%	3400628	3401328	750	69%	3400628	3401353	775	70%	3400628	3401353	775	70%
RTS_R4+_1011	RNAP_peak+_1124	3401453	3402478	1075	100%	3401378	3402478	1150	100%	3401378	3402478	1150	100%	3401378	3402578	1250	100%
RTS_R4+_1012	RNAP_peak+_1125					3402578	3403078	550	33%	3402578	3403078	550	33%	3402628	3403078	500	32%
RTS_R4+_1013	RNAP_peak+_1126	3403328	3405278	2000	100%	3403328	3405278	2000	100%	3403328	3405278	2000	100%	3403328	3405278	2000	100%
RTS_R4+_1014	RNAP_peak+_1127	3405406	3406781	1425	61%	3405406	3406781	1425	63%	3405406	3406781	1425	64%	3405406	3406781	1425	64%
RTS_R4+_1015	RNAP_peak+_1128	3406831	3407981	1200	94%	3406831	3407981	1200	96%	3406831	3408006	1225	98%	3406831	3408006	1225	98%
RTS_R4+_1016	RNAP_peak+_1129	3408281	3409606	1375	100%	3408206	3409606	1450	96%	3408206	3409606	1450	96%	3408206	3409606	1450	96%
RTS_R4+_1017	RNAP_peak+_1131	3410656	3410756	150	80%	3410656	3410756	150	80%	3410656	3410756	150	80%	3410656	3410756	150	80%
RTS_R4+_1018	RNAP_peak+_1133													3416357	3416557	250	78%
RTS_R4+_1019	RNAP_peak+_1134	3417157	3421182	4075	5%	3417157	3421182	4075	9%	3416982	3421182	4250	14%	3416982	3421182	4250	57%
RTS_R4+_1020	RNAP_peak+_1135	3427257	3427857	650	100%	3427257	3428007	800	94%	3427232	3428007	825	94%	3427232	3428007	825	94%
RTS_R4+_1021	RNAP_peak+_1136	3431707	3435882	4225	99%	3431707	3435882	4225	99%	3431707	3435882	4225	99%	3431707	3435882	4225	100%
RTS_R4+_1022	RNAP_peak+_1137	3436032	3436457	475	100%	3436032	3436457	475	100%	3436032	3436457	475	100%	3436032	3436457	475	100%
RTS_R4+_1023	RNAP_peak+_1138													3453572	3463997	10475	15%
RTS_R4+_1024	RNAP_peak+_1139	3475599	3475874	325	100%	3475549	3475874	375	100%	3475524	3475874	400	100%	3475524	3475874	400	100%
RTS_R4+_1025	RNAP_peak+_1140									3476499	3476699	250	56%	3476499	3476699	250	56%
RTS_R4+_1026	RNAP_peak+_1141	3479224	3481999	2825	99%	3479149	3481999	2900	97%	3479149	3481999	2900	97%	3479149	3481999	2900	97%
RTS_R4+_1027	RNAP_peak+_1142	3482024	3483324	1350	100%	3482024	3483324	1350	100%	3482024	3483324	1350	100%	3482024	3483324	1350	100%
RTS_R4+_1028	RNAP_peak+_1143	3483999	3486924	2975	81%	3483999	3486924	2975	81%	3483999	3486924	2975	81%	3483999	3486924	2975	81%
RTS_R4+_1029	RNAP_peak+_1144	3490574	3491749	1225	71%	3490574	3491749	1225	71%	3490574	3491749	1225	71%	3490574	3491749	1225	71%
RTS_R4+_1030	RNAP_peak+_1145					3491999	3495635	3686	81%	3491899	3495635	3786	81%	3491899	3495635	3786	85%
RTS_R4+_1031	RNAP_peak+_1146	3495810	3497185	1425	86%	3495735	3497185	1500	85%	3495735	3497185	1500	85%	3495735	3497185	1500	86%
RTS_R4+_1032	RNAP_peak+_1147									3497535	3497610	125	50%	3497535	3497610	125	50%
RTS_R4+_1033	RNAP_peak+_1149	3502085	3502785	750	93%	3502085	3502785	750	93%	3501985	3502860	925	81%	3501985	3502860	925	83%
RTS_R4+_1034	RNAP_peak+_1150									3506512	3506687	225	63%	3506512	3506687	225	63%
RTS_R4+_1035	RNAP_peak+_1151	3520887	3523412	2575	100%	3520887	3523412	2575	100%	3520887	3523412	2575	100%	3520887	3523412	2575	100%
RTS_R4+_1036	RNAP_peak+_1152	3524312	3526612	2350	85%	3524312	3526612	2350	85%	3524312	3526612	2350	85%	3524312	3526612	2350	85%
RTS_R4+_1037	RNAP_peak+_1153	3526687	3527137	500	100%	3526687	3527137	500	100%	3526687	3527137	500	100%	3526687	3527137	500	100%
RTS_R4+_1038	RNAP_peak+_1154	3527162	3528637	1525	100%	3527162	3528787	1675	98%	3527162	3528787	1675	98%	3527162	3528787	1675	98%
RTS_R4+_1039	RNAP_peak+_1155	3530737	3532388	1701	97%	3530737	3532388	1701	97%	3530737	3532463	1776	96%	3530737	3532463	1776	96%
RTS_R4+_1040	RNAP_peak+_1156	3534488	3535313	875	94%	3534488	3535313	875	97%	3534488	3535313	875	97%	3534488	3535313	875	100%
RTS_R4+_1041	RNAP_peak+_1157	3535363	3537813	2500	99%	3535363	3537813	2500	99%	3535363	3537813	2500	99%	3535363	3537813	2500	99%
RTS_R4+_1042	RNAP_peak+_1158	3538113	3540988	2925	92%	3538038	3540988	3000	91%	3538038	3540988	3000	91%	3538038	3540988	3000	97%
RTS_R4+_1043		3541863	3542263	450	53%	3541863	3542263	450	59%	3541863	3542263	450	59%	3541863	3542263	450	59%
RTS_R4+_1044	RNAP_peak+_1160	3543213	3544213	1050	100%	3543213	3544313	1150	98%	3543213	3544313	1150	98%	3543213	3544313	1150	98%
RTS_R4+_1045	RNAP_peak+_1161	3544688	3545888	1250	12%	3544488	3545888	1450	70%	3544488	3545888	1450	70%	3544488	3545888	1450	72%
RTS_R4+_1046	RNAP_peak+_1162	3551013	3553938	2975	98%	3550963	3553938	3025	98%	3550788	3553938	3200	98%	3550788	3553938	3200	98%
RTS_R4+_1047	RNAP_peak+_1163									3556314	3556564	300	82%	3556314	3556564	300	82%
RTS_R4+_1048	RNAP_peak+_1164	3560039	3561514	1525	18%	3559964	3561889	1975	32%	3559964	3561939	2025	91%	3559964	3561939	2025	91%
RTS_R4+_1049	RNAP_peak+_1165	3572822	3573897	1125	25%	3572822	3573897	1125	39%	3572822	3573897	1125	39%	3572822	3573897	1125	39%
RTS_R4+_1050	RNAP_peak+_1166	3579172	3579497	375	79%	3579172	3579697	575	55%	3579172	3579697	575	59%	3579172	3579697	575	64%
RTS_R4+_1051	RNAP_peak+_1168	3581470	3582145	725	75%	3581470	3582195	775	80%	3581470	3582195	775	80%	3581470	3582195	775	80%
RTS_R4+_1052	RNAP_peak+_1171													3582670	3583070	450	88%
RTS_R4+_1053	RNAP_peak+_1172	3584970	3585370	450	88%	3584970	3585545	625	71%	3584970	3585595	675	96%	3584970	3585595	675	96%
RTS_R4+_1054	RNAP_peak+_1173	3590495	3590595	150	80%	3590495	3590595	150	80%	3590495	3590595	150	100%	3590495	3590595	150	100%

RTS_R4+_1055	RNAP_peak+_1174	3596024	3596349	375	71%	3595974	3596474	550	57%	3595974	3596474	550	62%	3595974	3596474	550	67%
RTS_R4+_1056	RNAP_peak+_1175	3602374	3603249	925	89%	3602374	3603249	925	89%	3602374	3603249	925	89%	3602374	3603249	925	92%
RTS_R4+_1057	RNAP_peak+_1176	3603749	3604399	700	93%	3603749	3604399	700	93%	3603749	3604399	700	93%	3603749	3604399	700	93%
RTS_R4+_1058	RNAP_peak+_1177	3604474	3606149	1725	16%	3604474	3606424	2000	23%	3604474	3606599	2175	27%	3604474	3606599	2175	27%
RTS_R4+_1059	RNAP_peak+_1178	3607174	3607774	650	80%	3607174	3607774	650	80%	3607174	3607774	650	80%	3607174	3607774	650	80%
RTS_R4+_1060	RNAP_peak+_1179	3607874	3608499	675	100%	3607874	3608499	675	100%	3607874	3608499	675	100%	3607874	3608499	675	100%
RTS_R4+_1061	RNAP_peak+_1180	3609899	3610724	875	26%	3609899	3610724	875	26%	3609899	3610724	875	68%	3609899	3610724	875	74%
RTS_R4+_1062	RNAP_peak+_1181	3610799	3611599	850	97%	3610799	3611724	975	92%	3610799	3611724	975	92%	3610799	3611724	975	92%
RTS_R4+_1063		3616574	3616824	300	91%	3616574	3616824	300	91%	3616574	3616824	300	91%	3616574	3616824	300	91%
RTS_R4+_1064	RNAP_peak+_1182	3617224	3620849	3675	34%	3617224	3621674	4500	31%	3617224	3621674	4500	39%	3617224	3621674	4500	39%
RTS_R4+_1065	RNAP_peak+_1183					3621924	3622249	375	50%	3621924	3623474	1600	17%	3621924	3623474	1600	17%
RTS_R4+_1066	RNAP_peak+_1184													3632874	3633549	725	39%
RTS_R4+_1067	RNAP_peak+_1185	3635599	3637324	1775	96%	3635599	3637324	1775	96%	3635549	3637324	1825	96%	3635549	3637324	1825	96%
RTS_R4+_1068	RNAP_peak+_1186	3638024	3638574	600	100%	3637974	3638574	650	100%	3637974	3638574	650	100%	3637974	3638574	650	100%
RTS_R4+_1069	RNAP_peak+_1187	3638949	3639974	1075	24%	3638949	3639974	1075	26%	3638899	3640324	1475	83%	3638899	3640324	1475	84%
RTS_R4+_1070	RNAP_peak+_1188	3643374	3644199	875	100%	3643374	3644199	875	100%	3643324	3644199	925	97%	3643324	3644199	925	97%
RTS_R4+_1071	RNAP_peak+_1189	3644224	3645774	1600	97%	3644224	3645774	1600	97%	3644224	3645774	1600	97%	3644224	3645774	1600	97%
RTS_R4+_1072	RNAP_peak+_1190	3646124	3646249	175	67%	3646124	3646249	175	67%	3646124	3646249	175	67%	3646124	3646249	175	67%
RTS_R4+_1073	RNAP_peak+_1191					3646560	3648035	1525	28%	3646560	3648035	1525	32%	3646560	3648035	1525	32%
RTS_R4+_1074	RNAP_peak+_1192	3648210	3648585	425	69%	3648135	3648660	575	68%	3648135	3648810	725	61%	3648135	3648810	725	61%
RTS_R4+_1075	RNAP_peak+_1194	3651985	3652710	775	90%	3651985	3652710	775	90%	3651985	3652710	775	90%	3651985	3652710	775	93%
RTS_R4+_1076	RNAP_peak+_1196	3655010	3655585	625	100%	3655010	3655585	625	100%	3655010	3655585	625	100%	3655010	3655585	625	100%
RTS_R4+_1077	RNAP_peak+_1197	3655835	3657160	1375	94%	3655835	3657160	1375	94%	3655835	3657160	1375	94%	3655835	3657160	1375	100%
RTS_R4+_1078	RNAP_peak+_1198	3657185	3661235	4100	67%	3657185	3661235	4100	67%	3657185	3661460	4325	64%	3657185	3661460	4325	73%
RTS_R4+_1079	RNAP_peak+_1199	3662910	3662935	75	100%	3662910	3662935	75	100%	3662835	3662935	150	80%	3662835	3662935	150	80%
RTS_R4+_1080	RNAP_peak+_1200	3664335	3664385	100	100%	3664260	3664385	175	67%	3664260	3664385	175	67%	3664260	3664385	175	67%
RTS_R4+_1081	RNAP_peak+_1201	3667610	3668835	1275	84%	3667610	3668835	1275	84%	3667585	3668885	1350	98%	3667585	3668885	1350	98%
RTS_R4+_1082	RNAP_peak+_1202	3668910	3669385	525	50%	3668910	3669385	525	50%	3668910	3669435	575	82%	3668910	3669435	575	82%
RTS_R4+_1083	RNAP_peak+_1203	3670415	3671440	1075	67%	3670415	3671440	1075	74%	3670415	3671440	1075	74%	3670415	3671440	1075	74%
RTS_R4+_1084	RNAP_peak+_1204	3671465	3672365	950	95%	3671465	3672365	950	95%	3671465	3672390	975	97%	3671465	3672390	975	97%
RTS_R4+_1085	RNAP_peak+_1205	3672815	3674340	1575	98%	3672815	3674340	1575	98%	3672815	3674340	1575	98%	3672815	3674340	1575	98%
RTS_R4+_1086	RNAP_peak+_1206	3677440	3678315	925	100%	3677440	3678315	925	100%	3677440	3678315	925	100%	3677365	3678315	1000	95%
RTS_R4+_1087	RNAP_peak+_1207	3694466	3697866	3450	98%	3694466	3697866	3450	98%	3694466	3697866	3450	98%	3694466	3697866	3450	99%
RTS_R4+_1088	RNAP_peak+_1208	3698241	3698266	75	100%	3698241	3698266	75	100%	3698241	3698266	75	100%	3698241	3698266	75	100%
RTS_R4+_1089	RNAP_peak+_1209	3698491	3699141	700	30%	3698491	3699141	700	30%	3698491	3699141	700	30%	3698491	3699141	700	30%
RTS_R4+_1090	RNAP_peak+_1210	3699691	3699816	175	33%	3699691	3699816	175	33%	3699691	3699816	175	33%	3699691	3699816	175	33%
RTS_R4+_1091	RNAP_peak+_1211					3706019	3706269	300	64%	3705969	3706294	375	71%	3705969	3706294	375	71%
RTS_R4+_1092	RNAP_peak+_1212	3710819	3712169	1400	95%	3710819	3712169	1400	95%	3710819	3712169	1400	96%	3710794	3712169	1425	96%
RTS_R4+_1093	RNAP_peak+_1213	3714569	3715194	675	92%	3714569	3715194	675	92%	3714569	3715194	675	92%	3714569	3715194	675	92%
RTS_R4+_1094	RNAP_peak+_1214	3715319	3716269	1000	100%	3715319	3716269	1000	100%	3715319	3716269	1000	100%	3715319	3716269	1000	100%
RTS_R4+_1095	RNAP_peak+_1215	3717469	3717744	325	100%	3717469	3717769	350	100%	3717469	3717769	350	100%	3717469	3717794	375	100%
RTS_R4+_1096	RNAP_peak+_1216	3717919	3718244	375	100%	3717919	3718244	375	100%	3717919	3718244	375	100%	3717919	3718244	375	100%
RTS_R4+_1097	RNAP_peak+_1218									3720094	3720169	125	50%	3720094	3720169	125	50%
RTS_R4+_1098	RNAP_peak+_1219									3724369	3724869	550	48%	3724369	3724869	550	48%
RTS_R4+_1099	RNAP_peak+_1221	3732896	3734246	1400	47%	3732896	3734246	1400	47%	3732896	3734246	1400	47%	3732896	3734246	1400	47%
RTS_R4+_1100	RNAP_peak+_1222	3735626	3737326	1750	9%	3735626	3737326	1750	10%	3735101	3737326	2275	22%	3735101	3737326	2275	22%

RTS_R4+_1101	RNAP_peak+_1223	3737726	3739276	1600	98%	3737726	3739276	1600	98%	3737726	3739276	1600	98%	3737726	3739276	1600	98%
RTS_R4+_1102	RNAP_peak+_1225					3750076	3750376	350	23%	3750026	3750676	700	33%	3749926	3750676	800	35%
RTS_R4+_1103	RNAP_peak+_1226	3760252	3763827	3625	32%	3760252	3763827	3625	35%	3760252	3763827	3625	45%	3760152	3763827	3725	46%
RTS_R4+_1104	RNAP_peak+_1227	3764227	3764527	350	46%	3764127	3764977	900	94%	3764127	3764977	900	94%	3764127	3764977	900	94%
RTS_R4+_1105	RNAP_peak+_1228	3765052	3765577	575	45%	3765052	3766027	1025	68%	3765052	3766027	1025	68%	3765052	3766027	1025	68%
RTS_R4+_1106	RNAP_peak+_1229					3766252	3767202	1000	44%	3766252	3767202	1000	44%	3766252	3767202	1000	46%
RTS_R4+_1107	RNAP_peak+_1232	3770177	3772202	2075	95%	3770177	3772202	2075	96%	3770177	3772327	2200	93%	3770177	3772327	2200	93%
RTS_R4+_1108	RNAP_peak+_1233	3772427	3774002	1625	98%	3772427	3774002	1625	98%	3772427	3774002	1625	98%	3772427	3774002	1625	98%
RTS_R4+_1109	RNAP_peak+_1234	3774677	3775127	500	100%	3774677	3775127	500	100%	3774677	3775127	500	100%	3774677	3775127	500	100%
RTS_R4+_1110	RNAP_peak+_1235	3775377	3779127	3800	81%	3775377	3779127	3800	81%	3775377	3779127	3800	81%	3775377	3779127	3800	81%
RTS_R4+_1111	RNAP_peak+_1236	3779252	3779627	425	94%	3779252	3779627	425	94%	3779252	3779702	500	89%	3779252	3779702	500	89%
RTS_R4+_1112	RNAP_peak+_1237	3783127	3784902	1825	100%	3783127	3784902	1825	100%	3783102	3784902	1850	100%	3783102	3784902	1850	100%
RTS_R4+_1113	RNAP_peak+_1238	3784952	3785877	975	100%	3784952	3785877	975	100%	3784952	3785877	975	100%	3784952	3785877	975	100%
RTS_R4+_1114	RNAP_peak+_1239	3785902	3787177	1325	87%	3785902	3787177	1325	87%	3785902	3787177	1325	87%	3785902	3787177	1325	87%
RTS_R4+_1115	RNAP_peak+_1240	3791852	3795002	3200	99%	3791852	3795002	3200	99%	3791852	3795002	3200	99%	3791802	3795002	3250	99%
RTS_R4+_1116	RNAP_peak+_1241	3795077	3796177	1150	87%	3795077	3796177	1150	87%	3795077	3796177	1150	87%	3795077	3796177	1150	87%
RTS_R4+_1117	RNAP_peak+_1242	3806556	3807431	925	97%	3806556	3807431	925	97%	3806556	3807431	925	97%	3806556	3807431	925	97%
RTS_R4+_1118	RNAP_peak+_1243	3807456	3808431	1025	88%	3807456	3808431	1025	88%	3807456	3808431	1025	88%	3807456	3808431	1025	88%
RTS_R4+_1119	RNAP_peak+_1244	3810756	3811681	975	100%	3810656	3811681	1075	93%	3810656	3811681	1075	93%	3810656	3811681	1075	93%
RTS_R4+_1120	RNAP_peak+_1245	3811706	3813081	1425	100%	3811706	3813081	1425	100%	3811706	3813081	1425	100%	3811706	3813081	1425	100%
RTS_R4+_1121	RNAP_peak+_1246	3814706	3815581	925	100%	3814706	3815581	925	100%	3814706	3815581	925	100%	3814706	3815581	925	100%
RTS_R4+_1122	RNAP_peak+_1248	3819431	3820106	725	100%	3819431	3820106	725	100%	3819431	3820106	725	100%	3819431	3820106	725	100%
RTS_R4+_1123	RNAP_peak+_1249	3820131	3825281	5200	97%	3820131	3825281	5200	97%	3820131	3825281	5200	97%	3820131	3825281	5200	97%
RTS_R4+_1124	RNAP_peak+_1250	3826956	3828331	1425	100%	3826956	3828331	1425	100%	3826956	3828331	1425	100%	3826956	3828331	1425	100%
RTS_R4+_1125	RNAP_peak+_1251	3828481	3830181	1750	96%	3828481	3830181	1750	96%	3828481	3830181	1750	96%	3828481	3830181	1750	96%
RTS_R4+_1126	RNAP_peak+_1252	3834256	3834356	150	100%	3834206	3834356	200	86%	3834206	3834356	200	86%	3834206	3834356	200	86%
RTS_R4+_1127	RNAP_peak+_1255	3836256	3837206	1000	74%	3836256	3837206	1000	74%	3836256	3837206	1000	74%	3836256	3837206	1000	79%
RTS_R4+_1128	RNAP_peak+_1256					3838031	3838531	550	38%	3838031	3838531	550	38%	3838031	3838531	550	43%
RTS_R4+_1129	RNAP_peak+_1257	3842156	3843106	1000	41%	3842156	3843106	1000	41%	3842156	3843556	1450	33%	3842156	3843556	1450	33%
RTS_R4+_1130	RNAP_peak+_1258	3851383	3851658	325	100%	3851383	3851658	325	100%	3851383	3851683	350	100%	3851383	3851683	350	100%
RTS_R4+_1131	RNAP_peak+_1259					3852008	3852958	1000	8%	3852008	3852958	1000	13%	3852008	3852958	1000	13%
RTS_R4+_1132	RNAP_peak+_1260	3854458	3854683	275	60%	3854458	3854683	275	60%	3854458	3854683	275	60%	3854458	3854683	275	60%
RTS_R4+_1133	RNAP_peak+_1261									3856958	3857133	225	50%	3856958	3857133	225	50%
RTS_R4+_1134	RNAP_peak+_1263	3865658	3866558	950	84%	3865658	3866558	950	84%	3865583	3866558	1025	82%	3865583	3866558	1025	82%
RTS_R4+_1135	RNAP_peak+_1265	3873818	3874093	325	50%	3873818	3874168	400	47%	3873368	3874168	850	61%	3873368	3874168	850	61%
RTS_R4+_1136	RNAP_peak+_1266	3882121	3883046	975	100%	3882121	3883046	975	100%	3882121	3883046	975	100%	3882121	3883046	975	100%
RTS_R4+_1137	RNAP_peak+_1267	3883071	3884746	1725	97%	3883071	3884746	1725	97%	3883071	3884746	1725	97%	3883071	3884746	1725	97%
RTS_R4+_1138	RNAP_peak+_1268	3884796	3886171	1425	100%	3884796	3886171	1425	100%	3884796	3886171	1425	100%	3884796	3886171	1425	100%
RTS_R4+_1139	RNAP_peak+_1269	3886497	3886547	100	100%	3886497	3886547	100	100%	3886397	3886547	200	57%	3886397	3886547	200	57%
RTS_R4+_1140		3890747	3891547	850	70%	3890747	3891547	850	70%	3890747	3891547	850	70%	3890747	3891547	850	70%
RTS_R4+_1141	RNAP_peak+_1272	3891897	3893197	1350	87%	3891897	3893197	1350	87%	3891897	3893197	1350	87%	3891822	3893372	1600	92%
RTS_R4+_1142	RNAP_peak+_1273	3894722	3895447	775	90%	3894722	3895447	775	90%	3894722	3895447	775	90%	3894722	3895447	775	90%
RTS_R4+_1143	RNAP_peak+_1274	3895747	3896572	875	24%	3895747	3896572	875	41%	3895622	3896622	1050	39%	3895622	3896622	1050	41%
RTS_R4+_1144	RNAP_peak+_1275	3902422	3902847	475	89%	3902422	3902897	525	85%	3902422	3902897	525	85%	3902422	3902897	525	85%
RTS_R4+_1145	RNAP_peak+_1276	3920657	3920907	300	64%	3920657	3920907	300	64%	3920657	3920907	300	64%	3920657	3920907	300	64%
RTS_R4+_1146	RNAP_peak+_1277	3925182	3926082	950	95%	3925182	3926082	950	95%	3925182	3926082	950	95%	3925182	3926082	950	95%

RTS_R4+_1147	RNAP_peak+_1278	3929132	3931157	2075	83%	3929132	3931157	2075	83%	3929132	3931157	2075	83%	3929132	3931157	2075	84%
RTS_R4+_1148	RNAP_peak+_1279	3931382	3935157	3825	91%	3931382	3935157	3825	91%	3931382	3935157	3825	91%	3931382	3935157	3825	91%
RTS_R4+_1149	RNAP_peak+_1280	3935182	3936057	925	100%	3935182	3936057	925	100%	3935182	3936057	925	100%	3935182	3936057	925	100%
RTS_R4+_1150	RNAP_peak+_1281	3936082	3937107	1075	48%	3936082	3937107	1075	48%	3936082	3937107	1075	50%	3936082	3937107	1075	50%
RTS_R4+_1151	RNAP_peak+_1282	3939482	3944885	5453	100%	3939482	3944885	5453	100%	3939482	3944885	5453	100%	3939482	3944885	5453	100%
RTS_R4+_1152	RNAP_peak+_1283	3944910	3944963	103	100%	3944910	3944963	103	100%	3944910	3944963	103	100%	3944910	3944963	103	100%
RTS_R4+_1153	RNAP_peak+_1284	3944988	3945038	100	100%	3944988	3945038	100	100%	3944988	3945038	100	100%	3944988	3945038	100	100%
RTS_R4+_1154	RNAP_peak+_1285	3946088	3946438	400	100%	3946088	3946438	400	100%	3946088	3946438	400	100%	3946088	3946438	400	100%
RTS_R4+_1155	RNAP_peak+_1286	3946488	3946713	275	80%	3946488	3946713	275	80%	3946488	3946713	275	80%	3946488	3946713	275	80%
RTS_R4+_1156	RNAP_peak+_1287	3948288	3954886	6648	99%	3948288	3954886	6648	99%	3948288	3954886	6648	99%	3948288	3954886	6648	99%
RTS_R4+_1157	RNAP_peak+_1288	3955961	3957686	1775	96%	3955961	3957686	1775	96%	3955961	3957686	1775	96%	3955961	3957686	1775	96%
RTS_R4+_1158	RNAP_peak+_1289	3958686	3960711	2075	96%	3958686	3960711	2075	96%	3958686	3960711	2075	96%	3958686	3960711	2075	96%
RTS_R4+_1159	RNAP_peak+_1290					3963436	3963661	275	80%	3963411	3963686	325	100%	3963411	3963686	325	100%
RTS_R4+_1160	RNAP_peak+_1291	3963711	3964236	575	100%	3963711	3964236	575	100%	3963711	3964236	575	100%	3963711	3964236	575	100%
RTS_R4+_1161	RNAP_peak+_1292	3964261	3965636	1425	100%	3964261	3965636	1425	100%	3964261	3965636	1425	100%	3964261	3965636	1425	100%
RTS_R4+_1162	RNAP_peak+_1293	3965786	3966962	1226	100%	3965786	3966962	1226	100%	3965786	3966962	1226	100%	3965786	3966962	1226	100%
RTS_R4+_1163	RNAP_peak+_1294	3966987	3968262	1325	98%	3966987	3968262	1325	98%	3966987	3968262	1325	98%	3966987	3968262	1325	98%
RTS_R4+_1164	RNAP_peak+_1295	3968312	3978637	10375	89%	3968312	3978637	10375	89%	3968312	3978637	10375	89%	3968312	3978637	10375	89%
RTS_R4+_1165	RNAP_peak+_1296	3978862	3980312	1500	100%	3978862	3980312	1500	100%	3978862	3980312	1500	100%	3978862	3980312	1500	100%
RTS_R4+_1166	RNAP_peak+_1297	3980337	3980837	550	100%	3980337	3980837	550	100%	3980337	3980837	550	100%	3980337	3980837	550	100%
RTS_R4+_1167	RNAP_peak+_1299	3984437	3984612	225	100%	3984437	3984612	225	100%	3984387	3984612	275	100%	3984387	3984612	275	100%
RTS_R4+_1168	RNAP_peak+_1300	3988812	3988912	150	100%	3988812	3988912	150	100%	3988812	3988912	150	100%	3988812	3988912	150	100%
RTS_R4+_1169	RNAP_peak+_1301	3988987	3991765	2828	100%	3988987	3991765	2828	100%	3988987	3991765	2828	100%	3988987	3991765	2828	100%
RTS_R4+_1170	RNAP_peak+_1302	3992490	3995915	3475	99%	3992490	3995915	3475	99%	3992490	3995915	3475	99%	3992490	3995915	3475	99%
RTS_R4+_1171	RNAP_peak+_1303	3995965	3998115	2200	97%	3995965	3998240	2325	92%	3995965	3998240	2325	92%	3995965	3998240	2325	92%
RTS_R4+_1172	RNAP_peak+_1304	3999090	4000390	1350	98%	3999090	4000390	1350	98%	3999090	4000390	1350	98%	3999090	4000390	1350	98%
RTS_R4+_1173	RNAP_peak+_1305	4002865	4003790	975	95%	4002865	4003790	975	95%	4002865	4003790	975	95%	4002865	4003790	975	95%
RTS_R4+_1174	RNAP_peak+_1306	4003890	4006465	2625	90%	4003890	4006465	2625	90%	4003890	4006465	2625	90%	4003890	4006465	2625	91%
RTS_R4+_1175	RNAP_peak+_1307	4007115	4008965	1900	96%	4007115	4008965	1900	96%	4007115	4008965	1900	96%	4007115	4008965	1900	96%
RTS_R4+_1176	RNAP_peak+_1308	4009115	4009790	725	46%	4009115	4009790	725	46%	4009115	4009790	725	46%	4009115	4009790	725	46%
RTS_R4+_1177	RNAP_peak+_1309	4010915	4013515	2650	99%	4010915	4013515	2650	99%	4010915	4013515	2650	99%	4010915	4013515	2650	99%
RTS_R4+_1178	RNAP_peak+_1310	4014065	4016465	2450	69%	4014040	4016465	2475	73%	4014040	4016465	2475	73%	4014040	4016465	2475	74%
RTS_R4+_1179	RNAP_peak+_1311	4016590	4019940	3400	96%	4016590	4019940	3400	96%	4016590	4019940	3400	96%	4016590	4019940	3400	96%
RTS_R4+_1180	RNAP_peak+_1312	4019965	4022265	2350	98%	4019965	4022440	2525	93%	4019965	4022440	2525	93%	4019965	4022440	2525	93%
RTS_R4+_1181	RNAP_peak+_1313	4022865	4025690	2875	99%	4022865	4025690	2875	99%	4022865	4025690	2875	99%	4022865	4025690	2875	99%
RTS_R4+_1182	RNAP_peak+_1314	4029117	4031117	2050	100%	4029117	4031117	2050	100%	4029117	4031117	2050	100%	4029117	4031117	2050	100%
RTS_R4+_1183	RNAP_peak+_1315	4031142	4033192	2100	95%	4031142	4033192	2100	95%	4031142	4033192	2100	96%	4031142	4033192	2100	96%
RTS_R4+_1184	RNAP_peak+_1316	4033217	4038670	5503	100%	4033217	4038670	5503	100%	4033217	4038670	5503	100%	4033217	4038670	5503	100%
RTS_R4+_1185	RNAP_peak+_1317	4040095	4040420	375	100%	4040095	4040420	375	100%	4040095	4040420	375	100%	4040095	4040420	375	100%
RTS_R4+_1186	RNAP_peak+_1318	4040445	4041350	955	100%	4040445	4041350	955	100%	4040445	4041350	955	100%	4040445	4041350	955	100%
RTS_R4+_1187	RNAP_peak+_1319	4041375	4042050	725	100%	4041375	4042050	725	100%	4041375	4042050	725	100%	4041375	4042050	725	100%
RTS_R4+_1188	RNAP_peak+_1321	4044931	4047756	2875	99%	4044881	4047756	2925	98%	4044881	4047756	2925	98%	4044881	4047756	2925	98%
RTS_R4+_1189	RNAP_peak+_1322	4047806	4048031	275	100%	4047806	4048031	275	100%	4047806	4048031	275	100%	4047806	4048031	275	100%
RTS_R4+_1190	RNAP_peak+_1323	4049081	4049256	225	100%	4049006	4049256	300	100%	4049006	4049256	300	100%	4049006	4049256	300	100%
RTS_R4+_1191	RNAP_peak+_1324	4049356	4051656	2350	91%	4049356	4051656	2350	91%	4049356	4051656	2350	91%	4049356	4051656	2350	91%
RTS_R4+_1192	RNAP_peak+_1325	4056306	4058231	1975	100%	4056306	4058231	1975	100%	4056306	4058231	1975	100%	4056306	4058231	1975	100%

RTS_R4+_1193		4072683	4073883	1250	96%	4071783	4073883	2150	72%	4071783	4073883	2150	84%	4071783	4073883	2150	85%
RTS_R4+_1194	RNAP_peak+_1328	4073908	4076458	2600	96%	4073908	4076458	2600	96%	4073908	4076458	2600	97%	4073908	4076458	2600	97%
RTS_R4+_1195	RNAP_peak+_1331	4084008	4084733	775	93%	4084008	4084733	775	93%	4084008	4084808	850	88%	4084008	4084808	850	88%
RTS_R4+_1196	RNAP_peak+_1333	4098795	4100620	1875	42%	4098795	4100670	1925	54%	4098795	4100670	1925	57%	4098795	4100670	1925	57%
RTS_R4+_1197	RNAP_peak+_1334	4100845	4101595	800	90%	4100845	4101595	800	90%	4100845	4101595	800	94%	4100845	4101595	800	94%
RTS_R4+_1198	RNAP_peak+_1335	4103820	4104370	600	100%	4103820	4104370	600	100%	4103820	4104370	600	100%	4103820	4104370	600	100%
RTS_R4+_1199	RNAP_peak+_1336	4104495	4105420	975	100%	4104495	4105420	975	100%	4104495	4105420	975	100%	4104495	4105420	975	100%
RTS_R4+_1200	RNAP_peak+_1337	4105445	4106695	1300	100%	4105445	4106695	1300	100%	4105445	4106695	1300	100%	4105445	4106695	1300	100%
RTS_R4+_1201	RNAP_peak+_1338	4106820	4107820	1050	95%	4106820	4107820	1050	98%	4106820	4107820	1050	98%	4106820	4107820	1050	98%
RTS_R4+_1202	RNAP_peak+_1339	4107998	4108648	700	89%	4107998	4108648	700	89%	4107998	4108648	700	89%	4107998	4108648	700	89%
RTS_R4+_1203	RNAP_peak+_1340	4110123	4110698	625	71%	4110123	4110698	625	71%	4110098	4110748	700	78%	4110098	4110748	700	85%
RTS_R4+_1204	RNAP_peak+_1341	4110973	4111748	825	100%	4110873	4111773	950	97%	4110873	4111773	950	97%	4110873	4111773	950	97%
RTS_R4+_1205	RNAP_peak+_1342	4116373	4116973	650	84%	4116373	4116973	650	88%	4116373	4116973	650	88%	4116373	4116973	650	88%
RTS_R4+_1206	RNAP_peak+_1343									4120423	4120548	175	100%	4120423	4120548	175	100%
RTS_R4+_1207	RNAP_peak+_1344	4124898	4125248	400	100%	4124898	4125248	400	100%	4124898	4125248	400	100%	4124898	4125248	400	100%
RTS_R4+_1208	RNAP_peak+_1345	4126673	4130348	3725	97%	4126673	4130348	3725	98%	4126673	4130348	3725	98%	4126673	4130348	3725	98%
RTS_R4+_1209	RNAP_peak+_1346	4130598	4131673	1125	98%	4130598	4131723	1175	98%	4130598	4131723	1175	98%	4130598	4131723	1175	98%
RTS_R4+_1210	RNAP_peak+_1347	4131773	4134373	2650	91%	4131773	4134373	2650	92%	4131773	4134373	2650	92%	4131773	4134373	2650	92%
RTS_R4+_1211	RNAP_peak+_1349					4148473	4149398	975	61%	4148473	4149398	975	61%	4148473	4149398	975	61%
RTS_R4+_1212	RNAP_peak+_1350	4151423	4151673	300	45%	4151198	4151773	625	58%	4151198	4151773	625	58%	4151198	4151773	625	63%
RTS_R4+_1213	RNAP_peak+_1351	4152948	4156423	3525	96%	4152948	4156423	3525	97%	4152948	4156423	3525	97%	4152948	4156423	3525	97%
RTS_R4+_1214	RNAP_peak+_1352	4156498	4157323	875	100%	4156498	4157323	875	100%	4156498	4157323	875	100%	4156498	4157323	875	100%
RTS_R4+_1215	RNAP_peak+_1353	4159110	4160335	1275	94%	4159110	4160360	1300	96%	4159110	4160360	1300	96%	4159110	4160385	1325	96%
RTS_R4+_1216	RNAP_peak+_1354	4161435	4163285	1900	100%	4161435	4163285	1900	100%	4161435	4163285	1900	100%	4161435	4163285	1900	100%
RTS_R4+_1217	RNAP_peak+_1355	4163360	4164385	1075	98%	4163360	4164385	1075	98%	4163360	4164385	1075	98%	4163360	4164385	1075	98%
RTS_R4+_1218	RNAP_peak+_1356	4164410	4169785	5425	100%	4164410	4169785	5425	100%	4164410	4169785	5425	100%	4164410	4169785	5425	100%
RTS_R4+_1219	RNAP_peak+_1357	4170085	4171985	1950	94%	4169960	4171985	2075	89%	4169960	4172035	2125	88%	4169960	4172035	2125	88%
RTS_R4+_1220	RNAP_peak+_1358	4173310	4175260	2000	100%	4173310	4175260	2000	100%	4173285	4175260	2025	100%	4173285	4175260	2025	100%
RTS_R4+_1221	RNAP_peak+_1359	4175285	4176335	1100	100%	4175285	4176335	1100	100%	4175285	4176335	1100	100%	4175285	4176335	1100	100%
RTS_R4+_1222	RNAP_peak+_1360	4176360	4177535	1225	100%	4176360	4177535	1225	100%	4176360	4177535	1225	100%	4176360	4177535	1225	100%
RTS_R4+_1223	RNAP_peak+_1361	4177560	4178985	1475	100%	4177560	4178985	1475	100%	4177560	4178985	1475	100%	4177560	4178985	1475	100%
RTS_R4+_1224	RNAP_peak+_1362	4179035	4187589	8604	100%	4179035	4187589	8604	100%	4179035	4187589	8604	100%	4179035	4187589	8604	100%
RTS_R4+_1225	RNAP_peak+_1364	4194749	4195549	850	100%	4194749	4195549	850	100%	4194749	4195549	850	100%	4194749	4195549	850	100%
RTS_R4+_1226	RNAP_peak+_1365	4195574	4196874	1350	100%	4195574	4196874	1350	100%	4195574	4196874	1350	100%	4195574	4196874	1350	100%
RTS_R4+_1227	RNAP_peak+_1366	4196924	4197524	650	100%	4196924	4197524	650	100%	4196924	4197524	650	100%	4196924	4197524	650	100%
RTS_R4+_1228	RNAP_peak+_1367	4197549	4198124	625	100%	4197549	4198124	625	100%	4197549	4198124	625	100%	4197549	4198124	625	100%
RTS_R4+_1229	RNAP_peak+_1368	4198149	4199324	1225	77%	4198149	4199324	1225	77%	4198149	4199324	1225	77%	4198149	4199324	1225	77%
RTS_R4+_1230		4200099	4201099	1050	10%	4199949	4201099	1200	21%	4199949	4201099	1200	21%	4199949	4201099	1200	21%
RTS_R4+_1231	RNAP_peak+_1369	4201274	4202599	1375	67%	4201274	4202599	1375	67%	4201274	4202599	1375	67%	4201274	4202599	1375	67%
RTS_R4+_1232	RNAP_peak+_1370	4205800	4211177	5427	100%	4205800	4211177	5427	100%	4205800	4211177	5427	100%	4205800	4211177	5427	100%
RTS_R4+_1233	RNAP_peak+_1372	4212277	4213252	1025	100%	4212227	4213252	1075	98%	4212227	4213252	1075	98%	4212227	4213252	1075	98%
RTS_R4+_1234	RNAP_peak+_1373	4213452	4216527	3125	100%	4213452	4216527	3125	100%	4213452	4216527	3125	100%	4213452	4216527	3125	100%
RTS_R4+_1235	RNAP_peak+_1374	4216552	4218602	2100	93%	4216552	4218602	2100	93%	4216552	4218602	2100	93%	4216552	4218602	2100	94%
RTS_R4+_1236	RNAP_peak+_1375	4221832	4225507	3725	100%	4221832	4225507	3725	100%	4221832	4225507	3725	100%	4221832	4225507	3725	100%
RTS_R4+_1237	RNAP_peak+_1376	4225657	4227382	1775	66%	4225657	4227382	1775	66%	4225657	4227382	1775	67%	4225657	4227382	1775	67%
RTS_R4+_1238	RNAP_peak+_1377	4228382	4229283	951	92%	4228382	4229283	951	92%	4228382	4229283	951	92%	4228382	4229283	951	92%

RTS_R4+_1239	RNAP_peak+_1378	4231758	4233558	1850	100%	4231683	4233558	1925	97%	4231608	4233558	2000	100%	4231608	4233558	2000	100%
RTS_R4+_1240	RNAP_peak+_1379	4234033	4237583	3600	10%	4234033	4237583	3600	10%	4234033	4237583	3600	12%	4234033	4237583	3600	12%
RTS_R4+_1241	RNAP_peak+_1380	4238358	4238708	400	47%	4238358	4239133	825	41%	4238358	4239133	825	41%	4238333	4239233	950	89%
RTS_R4+_1242	RNAP_peak+_1381	4244834	4248334	3550	66%	4244834	4248334	3550	69%	4244834	4248459	3675	70%	4244834	4248459	3675	70%
RTS_R4+_1243	RNAP_peak+_1383	4250534	4251959	1475	95%	4250434	4251959	1575	92%	4250434	4251959	1575	92%	4250434	4251959	1575	92%
RTS_R4+_1244	RNAP_peak+_1384	4254492	4255092	650	100%	4254492	4255092	650	100%	4254492	4255092	650	100%	4254492	4255092	650	100%
RTS_R4+_1245	RNAP_peak+_1385	4255142	4255667	575	100%	4255142	4255667	575	100%	4255142	4255667	575	100%	4255142	4255667	575	100%
RTS_R4+_1246		4256192	4257117	975	37%	4256192	4257117	975	39%	4256117	4257117	1050	39%	4256117	4257117	1050	39%
RTS_R4+_1247	RNAP_peak+_1386	4257267	4257417	200	71%	4257267	4257442	225	100%	4257242	4257442	250	100%	4257242	4257442	250	100%
RTS_R4+_1248	RNAP_peak+_1388	4259642	4260717	1125	98%	4259642	4261042	1450	82%	4259567	4261117	1600	79%	4259567	4261117	1600	79%
RTS_R4+_1249	RNAP_peak+_1389	4262342	4264792	2500	96%	4262342	4264792	2500	96%	4262342	4264792	2500	96%	4262342	4264792	2500	96%
RTS_R4+_1250		4265117	4266317	1250	100%	4265117	4266317	1250	100%	4265117	4266317	1250	100%	4265117	4266317	1250	100%
RTS_R4+_1251	RNAP_peak+_1390	4267417	4267942	575	27%	4267417	4267942	575	27%	4267417	4267942	575	36%	4267417	4267942	575	36%
RTS_R4+_1252	RNAP_peak+_1391	4268267	4269192	975	92%	4268267	4269192	975	92%	4268267	4269367	1150	84%	4268267	4269367	1150	84%
RTS_R4+_1253	RNAP_peak+_1392	4272067	4272942	925	67%	4272067	4272967	950	76%	4272067	4272967	950	76%	4272067	4272967	950	76%
RTS_R4+_1254	RNAP_peak+_1393					4273467	4273492	75	100%	4273467	4275092	1675	85%	4273442	4275092	1700	85%
RTS_R4+_1255	RNAP_peak+_1394					4275492	4275942	500	89%	4275492	4275942	500	89%	4275492	4275942	500	89%
RTS_R4+_1256	RNAP_peak+_1395	4276367	4277842	1525	98%	4276367	4277842	1525	98%	4276367	4277842	1525	98%	4276367	4277842	1525	98%
RTS_R4+_1257	RNAP_peak+_1396	4277967	4279592	1675	89%	4277967	4279592	1675	89%	4277967	4279592	1675	89%	4277967	4279592	1675	89%
RTS_R4+_1258	RNAP_peak+_1398	4292418	4294443	2075	89%	4292418	4294443	2075	89%	4292418	4294443	2075	89%	4292418	4294443	2075	89%
RTS_R4+_1259	RNAP_peak+_1399					4304968	4304968	50	100%	4304943	4305168	275	80%	4304943	4305168	275	80%
RTS_R4+_1260	RNAP_peak+_1400	4311369	4311819	500	68%	4311369	4311819	500	79%	4311369	4311819	500	79%	4311369	4311819	500	84%
RTS_R4+_1261	RNAP_peak+_1401	4311919	4312394	525	70%	4311894	4312394	550	76%	4311894	4312394	550	76%	4311894	4312394	550	81%
RTS_R4+_1262	RNAP_peak+_1402	4325269	4326844	1625	23%	4325269	4326844	1625	23%	4325269	4326844	1625	23%	4325269	4326844	1625	23%
RTS_R4+_1263	RNAP_peak+_1403					4327194	4327544	400	47%	4327194	4327544	400	47%	4327194	4327544	400	47%
RTS_R4+_1264	RNAP_peak+_1404	4328369	4330319	2000	97%	4328369	4330319	2000	97%	4328369	4330319	2000	97%	4328369	4330319	2000	100%
RTS_R4+_1265	RNAP_peak+_1405					4340044	4342569	2575	13%	4339944	4342944	3050	51%	4339944	4342944	3050	51%
RTS_R4+_1266	RNAP_peak+_1406	4349873	4350398	575	100%	4349873	4350423	600	100%	4349848	4350473	675	96%	4349848	4350473	675	96%
RTS_R4+_1267						4359499	4359674	225	75%	4359499	4359674	225	75%	4359499	4359674	225	75%
RTS_R4+_1268	RNAP_peak+_1408									4366174	4366349	225	88%	4366174	4366349	225	88%
RTS_R4+_1269	RNAP_peak+_1409	4366649	4367224	625	88%	4366649	4367524	925	89%	4366649	4367524	925	92%	4366649	4367524	925	92%
RTS_R4+_1270	RNAP_peak+_1410	4368599	4368974	425	94%	4368599	4368974	425	94%	4368599	4368974	425	94%	4368599	4368974	425	94%
RTS_R4+_1271	RNAP_peak+_1411	4368999	4370699	1750	100%	4368999	4370724	1775	100%	4368999	4370724	1775	100%	4368999	4370724	1775	100%
RTS_R4+_1272	RNAP_peak+_1412	4370799	4371574	825	97%	4370774	4371574	850	97%	4370774	4371574	850	97%	4370774	4371574	850	97%
RTS_R4+_1273	RNAP_peak+_1413	4373624	4374299	725	96%	4373624	4374299	725	96%	4373624	4374299	725	96%	4373624	4374299	725	100%
RTS_R4+_1274	RNAP_peak+_1414	4374349	4374474	175	100%	4374349	4374474	175	100%	4374349	4374474	175	100%	4374349	4374474	175	100%
RTS_R4+_1275	RNAP_peak+_1415	4374549	4374774	275	90%	4374549	4374774	275	90%	4374549	4374774	275	90%	4374549	4374774	275	90%
RTS_R4+_1276	RNAP_peak+_1416	4374849	4375249	450	88%	4374849	4375249	450	94%	4374799	4375249	500	95%	4374799	4375249	500	95%
RTS_R4+_1277	RNAP_peak+_1417	4380674	4381599	975	74%	4380574	4381599	1075	76%	4380549	4381599	1100	84%	4380549	4381599	1100	84%
RTS_R4+_1278	RNAP_peak+_1419	4389625	4390276	701	100%	4389625	4390276	701	100%	4389625	4390276	701	100%	4389625	4390276	701	100%
RTS_R4+_1279	RNAP_peak+_1420	4390302	4390727	475	100%	4390302	4390727	475	100%	4390302	4390727	475	100%	4390302	4390727	475	100%
RTS_R4+_1280	RNAP_peak+_1421	4391727	4393277	1600	100%	4391727	4393277	1600	100%	4391727	4393277	1600	100%	4391727	4393277	1600	100%
RTS_R4+_1281	RNAP_peak+_1422	4393302	4395102	1850	100%	4393302	4395102	1850	100%	4393302	4395102	1850	100%	4393302	4395102	1850	100%
RTS_R4+_1282	RNAP_peak+_1423	4395127	4397377	2300	96%	4395127	4397377	2300	96%	4395127	4397377	2300	96%	4395127	4397377	2300	97%
RTS_R4+_1283	RNAP_peak+_1424	4397402	4398233	881	100%	4397402	4398233	881	100%	4397402	4398233	881	100%	4397402	4398233	881	100%
RTS_R4+_1284	RNAP_peak+_1425	4398258	4402308	4100	100%	4398258	4402308	4100	100%	4398258	4402308	4100	100%	4398258	4402308	4100	100%

RTS_R4+_1285	RNAP_peak+_1426	4402533	4402608	125	100%	4402533	4402608	125	100%	4402533	4402608	125	100%	4402533	4402608	125	100%
RTS_R4+_1286	RNAP_peak+_1427	4402708	4404008	1350	100%	4402708	4404008	1350	100%	4402708	4404008	1350	100%	4402708	4404008	1350	100%
RTS_R4+_1287	RNAP_peak+_1428	4404058	4404133	125	100%	4404058	4404133	125	100%	4404058	4404133	125	100%	4404058	4404133	125	100%
RTS_R4+_1288	RNAP_peak+_1429	4404208	4407233	3075	100%	4404183	4407233	3100	100%	4404183	4407233	3100	100%	4404183	4407233	3100	100%
RTS_R4+_1289	RNAP_peak+_1430	4407258	4407933	725	93%	4407258	4407933	725	93%	4407258	4407933	725	93%	4407258	4407933	725	93%
RTS_R4+_1290	RNAP_peak+_1433	4412295	4413920	1675	88%	4412295	4413920	1675	88%	4412295	4413920	1675	97%	4412295	4413970	1725	100%
RTS_R4+_1291	RNAP_peak+_1434	4414995	4415645	700	67%	4414995	4415645	700	74%	4414995	4415645	700	74%	4414995	4415645	700	81%
RTS_R4+_1292	RNAP_peak+_1435	4423070	4424570	1550	100%	4423070	4424570	1550	100%	4422920	4424570	1700	96%	4422920	4424570	1700	96%
RTS_R4+_1293	RNAP_peak+_1436	4425145	4425170	75	100%	4425145	4425170	75	100%	4425145	4425170	75	100%	4425145	4425170	75	100%
RTS_R4+_1294	RNAP_peak+_1438	4426920	4427570	700	100%	4426920	4427570	700	100%	4426920	4427570	700	100%	4426870	4427570	750	100%
RTS_R4+_1295	RNAP_peak+_1439	4427845	4428945	1150	100%	4427845	4428945	1150	100%	4427795	4428945	1200	98%	4427795	4428945	1200	100%
RTS_R4+_1296	RNAP_peak+_1440	4428970	4429470	550	76%	4428970	4429870	950	97%	4428970	4429870	950	97%	4428970	4429870	950	97%
RTS_R4+_1297	RNAP_peak+_1441	4432170	4432445	325	33%	4432145	4432795	700	59%	4432145	4432845	750	86%	4432145	4432845	750	86%
RTS_R4+_1298	RNAP_peak+_1442	4434620	4435420	850	100%	4434620	4435495	925	97%	4434620	4435570	1000	97%	4434620	4435570	1000	97%
RTS_R4+_1299	RNAP_peak+_1444					4437170	4437445	325	92%	4437170	4437470	350	100%	4437170	4437470	350	100%
RTS_R4+_1300	RNAP_peak+_1445	4437546	4437771	275	90%	4437496	4438096	650	72%	4437496	4438096	650	76%	4437496	4438096	650	76%
RTS_R4+_1301	RNAP_peak+_1446	4440222	4446247	6075	97%	4440222	4446247	6075	97%	4440222	4446247	6075	97%	4440222	4446247	6075	97%
RTS_R4+_1302	RNAP_peak+_1447	4446472	4447072	650	100%	4446472	4447197	775	93%	4446472	4447197	775	93%	4446472	4447197	775	93%
RTS_R4+_1303	RNAP_peak+_1448	4447972	4449097	1175	41%	4447947	4449097	1200	45%	4447947	4452772	4875	90%	4447947	4452772	4875	90%
RTS_R4+_1304	RNAP_peak+_1449	4453797	4455297	1550	97%	4453797	4455297	1550	97%	4453797	4455297	1550	97%	4453797	4455297	1550	97%
RTS_R4+_1305	RNAP_peak+_1450	4455997	4457372	1425	100%	4455997	4457372	1425	100%	4455997	4457372	1425	100%	4455997	4457372	1425	100%
RTS_R4+_1306	RNAP_peak+_1451	4457397	4457847	500	89%	4457397	4457847	500	89%	4457397	4457847	500	100%	4457397	4457847	500	100%
RTS_R4+_1307	RNAP_peak+_1452	4465406	4467460	2104	96%	4465406	4467460	2104	100%	4465406	4467460	2104	100%	4465406	4467460	2104	100%
RTS_R4+_1308	RNAP_peak+_1453	4467510	4468285	825	91%	4467510	4468660	1200	70%	4467510	4468660	1200	70%	4467510	4468660	1200	77%
RTS_R4+_1309	RNAP_peak+_1454	4472160	4472735	625	79%	4472160	4472785	675	88%	4472160	4472785	675	88%	4472160	4472785	675	88%
RTS_R4+_1310	RNAP_peak+_1455	4472885	4473360	525	85%	4472885	4473360	525	90%	4472885	4473360	525	90%	4472885	4473360	525	90%
RTS_R4+_1311	RNAP_peak+_1457									4475235	4475410	225	75%	4475235	4475410	225	75%
RTS_R4+_1312	RNAP_peak+_1458	4476485	4476960	525	95%	4476435	4476960	575	95%	4476435	4477010	625	100%	4476435	4477010	625	100%
RTS_R4+_1313	RNAP_peak+_1460	4484013	4486338	2375	99%	4484013	4486338	2375	99%	4484013	4486338	2375	99%	4484013	4486338	2375	99%
RTS_R4+_1314	RNAP_peak+_1461					4492763	4493163	450	24%	4492763	4493163	450	24%	4492763	4493163	450	24%
RTS_R4+_1315	RNAP_peak+_1462	4494438	4494513	125	100%	4494438	4494513	125	100%	4494438	4494513	125	100%	4494438	4494513	125	100%
RTS_R4+_1316	RNAP_peak+_1463	4494563	4495888	1375	61%	4494563	4495888	1375	63%	4494563	4495888	1375	63%	4494563	4495888	1375	74%
RTS_R4+_1317	RNAP_peak+_1464	4496163	4497513	1400	98%	4496163	4498088	1975	77%	4496038	4498088	2100	73%	4496038	4498088	2100	73%
RTS_R4+_1318	RNAP_peak+_1466													4502438	4504163	1775	31%
RTS_R4+_1319	RNAP_peak+_1467	4505088	4505388	350	69%	4505088	4505388	350	85%	4504988	4505388	450	71%	4504988	4505388	450	71%
RTS_R4+_1320	RNAP_peak+_1468	4505538	4505563	75	100%	4505538	4506163	675	38%	4505538	4506163	675	38%	4505538	4506163	675	42%
RTS_R4+_1321	RNAP_peak+_1469									4507313	4507888	625	17%	4507063	4507888	875	15%
RTS_R4+_1322	RNAP_peak+_1470	4516420	4517070	700	67%	4516420	4517295	925	53%	4516395	4517295	950	57%	4516395	4517295	950	59%
RTS_R4+_1323	RNAP_peak+_1471					4518845	4519845	1050	39%	4518845	4519845	1050	39%	4518845	4519845	1050	39%
RTS_R4+_1324	RNAP_peak+_1472					4524170	4524345	225	88%	4524020	4524345	375	86%	4524020	4524345	375	86%
RTS_R4+_1325	RNAP_peak+_1473	4526020	4526245	275	90%	4526020	4526445	475	67%	4526020	4526445	475	67%	4526020	4526445	475	67%
RTS_R4+_1326	RNAP_peak+_1474	4532145	4532245	150	40%	4532145	4533145	1050	32%	4532145	4533145	1050	32%	4532145	4533145	1050	34%
RTS_R4+_1327	RNAP_peak+_1476					4534470	4534670	250	89%	4534470	4534670	250	89%	4534470	4534670	250	89%
RTS_R4+_1328	RNAP_peak+_1477	4538745	4539520	825	97%	4538745	4539520	825	97%	4538745	4539520	825	97%	4538745	4539520	825	97%
RTS_R4+_1329	RNAP_peak+_1478	4540095	4540545	500	26%	4539995	4540545	600	52%	4539995	4540545	600	52%	4539995	4540545	600	52%
RTS_R4+_1330	RNAP_peak+_1479	4541046	4542496	1500	100%	4541046	4542496	1500	100%	4541046	4542496	1500	100%	4541046	4542496	1500	100%

RTS_R4+_1331	RNAP_peak+_1480	4542546	4543946	1450	70%	4542546	4543946	1450	70%	4542546	4543946	1450	72%	4542546	4543946	1450	72%
RTS_R4+_1332	RNAP_peak+_1481	4544046	4546871	2875	32%	4544046	4546871	2875	32%	4544046	4546871	2875	32%	4544046	4546871	2875	32%
RTS_R4+_1333	RNAP_peak+_1482	4546971	4547721	800	61%	4546971	4547721	800	61%	4546971	4547721	800	68%	4546971	4547721	800	68%
RTS_R4+_1334						4548821	4548946	175	83%	4548821	4548946	175	83%	4548821	4548946	175	83%
RTS_R4+_1335		4549571	4552346	2825	38%	4549471	4552371	2950	89%	4549471	4552371	2950	89%	4549471	4552371	2950	89%
RTS_R4+_1336	RNAP_peak+_1483	4552521	4553271	800	94%	4552521	4553346	875	88%	4552521	4553346	875	88%	4552521	4553346	875	88%
RTS_R4+_1337	RNAP_peak+_1484	4554621	4555371	800	52%	4554621	4555371	800	52%	4554621	4555371	800	52%	4554621	4555371	800	68%
RTS_R4+_1338		4559197	4559522	375	43%	4558872	4559522	700	26%	4558872	4559522	700	26%	4558872	4559522	700	30%
RTS_R4+_1339	RNAP_peak+_1485													4561397	4561723	376	43%
RTS_R4+_1340	RNAP_peak+_1487	4567681	4568156	525	85%	4567681	4568231	600	83%	4567681	4568231	600	83%	4567681	4568231	600	83%
RTS_R4+_1341	RNAP_peak+_1488									4569756	4569856	150	40%	4569756	4569856	150	40%
RTS_R4+_1342	RNAP_peak+_1489	4570219	4574094	3925	66%	4570219	4574994	4825	63%	4570219	4574994	4825	63%	4570219	4574994	4825	64%
RTS_R4+_1343	RNAP_peak+_1490									4576569	4576694	175	50%	4576569	4576694	175	50%
RTS_R4+_1344	RNAP_peak+_1491	4577895	4578045	200	86%	4577895	4578045	200	86%	4577895	4578045	200	86%	4577895	4578045	200	86%
RTS_R4+_1345	RNAP_peak+_1492	4584974	4585949	1025	95%	4584974	4585949	1025	95%	4584974	4585949	1025	95%	4584974	4585949	1025	95%
RTS_R4+_1346	RNAP_peak+_1493	4589999	4591149	1200	13%	4589749	4591149	1450	35%	4589749	4591149	1450	47%	4589749	4591149	1450	47%
RTS_R4+_1347						4594374	4594924	600	17%	4594049	4594924	925	19%	4594049	4594924	925	19%
RTS_R4+_1348	RNAP_peak+_1495									4603749	4604849	1150	49%	4603749	4604849	1150	49%
RTS_R4+_1349	RNAP_peak+_1496	4605824	4609024	3250	98%	4605824	4609024	3250	98%	4605824	4609024	3250	98%	4605824	4609024	3250	98%
RTS_R4+_1350	RNAP_peak+_1497	4609174	4610374	1250	96%	4609174	4610374	1250	96%	4609174	4610374	1250	96%	4609174	4610374	1250	98%
RTS_R4+_1351	RNAP_peak+_1498	4610424	4612649	2275	86%	4610424	4612649	2275	86%	4610424	4612649	2275	86%	4610424	4612649	2275	86%
RTS_R4+_1352	RNAP_peak+_1499									4614224	4615274	1100	86%	4614224	4615274	1100	86%
RTS_R4+_1353	RNAP_peak+_1500	4615274	4617449	2225	90%	4615274	4617449	2225	90%	4615324	4617449	2175	93%	4615324	4617449	2175	94%
RTS_R4+_1354	RNAP_peak+_1501	4617474	4619574	2150	100%	4617474	4619574	2150	100%	4617474	4619574	2150	100%	4617474	4619599	2175	100%
RTS_R4+_1355	RNAP_peak+_1502	4619799	4620949	1200	81%	4619799	4620949	1200	89%	4619799	4620949	1200	89%	4619799	4620949	1200	89%
RTS_R4+_1356	RNAP_peak+_1503	4622899	4625224	2375	100%	4622799	4625224	2475	97%	4622799	4625224	2475	97%	4622799	4625224	2475	97%
RTS_R4+_1357	RNAP_peak+_1504	4625249	4626749	1550	98%	4625249	4626749	1550	98%	4625249	4626849	1650	97%	4625249	4626849	1650	97%
RTS_R4+_1358	RNAP_peak+_1505	4628724	4630699	2025	99%	4628724	4630699	2025	99%	4628724	4630699	2025	99%	4628724	4630699	2025	100%
RTS_R4+_1359	RNAP_peak+_1506	4630749	4631274	575	95%	4630749	4631274	575	95%	4630749	4631274	575	95%	4630749	4631274	575	95%
RTS_R4+_1360	RNAP_peak+_1507	4631724	4632474	800	100%	4631724	4632474	800	100%	4631724	4632474	800	100%	4631724	4632474	800	100%
RTS_R4+_1361	RNAP_peak+_1508	4633424	4635599	2225	90%	4633299	4635724	2475	85%	4633299	4635724	2475	85%	4633299	4635724	2475	85%
RTS_R4+_1362	RNAP_peak+_1509	4636999	4637449	500	26%	4636324	4637449	1175	17%	4636324	4637449	1175	17%	4636324	4637449	1175	17%
RTS_R4+_1363	RNAP_peak+_1510													4638493	4638543	100	67%
RTS_R4+_1364	RNAP_peak+_1511	4638743	4639618	925	83%	4638743	4639618	925	83%	4638743	4639618	925	83%	4638743	4639618	925	83%
RTS_R4-_1	RNAP_peak-_1	5450	6450	1050	78%	5450	6450	1050	78%	5450	6450	1050	78%	5450	6450	1050	78%
RTS_R4-_2	RNAP_peak-_2					6925	7975	1100	19%	6925	7925	1050	22%	6800	8175	1425	46%
RTS_R4-_3	RNAP_peak-_3	10325	10475	200	100%	9975	10475	550	48%	9975	10475	550	48%	9975	10475	550	48%
RTS_R4-_4	RNAP_peak-_4									10826	11226	450	71%	10826	11226	450	71%
RTS_R4-_5	RNAP_peak-_5	16351	17051	750	38%	16351	17051	750	38%	16201	17101	950	70%	16201	17176	1025	68%
RTS_R4-_6	RNAP_peak-_6	19826	20651	875	79%	19826	20651	875	82%	19826	20651	875	82%	19826	20651	875	82%
RTS_R4-_7	RNAP_peak-_7	20801	21201	450	100%	20801	21201	450	100%	20801	21201	450	100%	20801	21201	450	100%
RTS_R4-_8	RNAP_peak-_8	34784	36409	1675	5%	34759	36409	1700	10%	34759	36409	1700	13%	34759	36409	1700	13%
RTS_R4-_9	RNAP_peak-_9	36459	37684	1275	6%	36459	37684	1275	6%	36459	37684	1275	8%	36459	37684	1275	8%
RTS_R4-_10	RNAP_peak-_10	38034	39909	1925	17%	38034	39909	1925	17%	38034	39909	1925	41%	38034	39909	1925	41%
RTS_R4-_11	RNAP_peak-_12	50384	52034	1700	100%	50384	52034	1700	100%	50384	52034	1700	100%	50384	52034	1700	100%
RTS_R4-_12	RNAP_peak-_13	52059	52659	650	100%	52059	52659	650	100%	52059	52659	650	100%	52059	52659	650	100%

RTS_R4_-_13	RNAP_peak_-_14	52684	55284	2650	100%	52684	55284	2650	100%	52684	55284	2650	100%	52684	55284	2650	100%
RTS_R4_-_14	RNAP_peak_-_15	55309	57234	1975	100%	55309	57234	1975	100%	55309	57234	1975	100%	55309	57384	2125	95%
RTS_R4_-_15	RNAP_peak_-_16	59734	63509	3825	96%	59734	63559	3875	99%	59659	63559	3950	99%	59659	63559	3950	99%
RTS_R4_-_16	RNAP_peak_-_17	63734	65784	2100	54%	63734	65784	2100	54%	63734	65784	2100	55%	63734	65784	2100	59%
RTS_R4_-_17	RNAP_peak_-_18									66409	70034	3675	42%	66409	70034	3675	42%
RTS_R4_-_18	RNAP_peak_-_19	72084	75859	3825	92%	72084	75859	3825	92%	72084	75859	3825	92%	72084	75859	3825	92%
RTS_R4_-_19	RNAP_peak_-_20	75934	77309	1425	77%	75934	77359	1475	76%	75934	77359	1475	76%	75934	77359	1475	76%
RTS_R4_-_20	RNAP_peak_-_21	78734	83759	5075	98%	78734	83759	5075	99%	78734	83759	5075	99%	78734	83759	5075	99%
RTS_R4_-_21	RNAP_peak_-_22	111359	112759	1450	91%	111359	112759	1450	91%	111359	112759	1450	91%	111359	112759	1450	91%
RTS_R4_-_22	RNAP_peak_-_23	112809	113284	525	100%	112809	113284	525	100%	112809	113284	525	100%	112809	113284	525	100%
RTS_R4_-_23	RNAP_peak_-_24	116909	117009	150	80%	116784	117009	275	50%	114459	117009	2600	10%	114459	117009	2600	10%
RTS_R4_-_24	RNAP_peak_-_25	117784	118659	925	97%	117784	118659	925	97%	117784	118659	925	97%	117784	118659	925	97%
RTS_R4_-_25	RNAP_peak_-_26	120034	121659	1675	100%	120034	121759	1775	99%	120034	121759	1775	99%	120034	121759	1775	99%
RTS_R4_-_26	RNAP_peak_-_28	134796	136546	1800	100%	134796	136546	1800	100%	134796	136546	1800	100%	134796	136546	1800	100%
RTS_R4_-_27	RNAP_peak_-_29	136596	136921	375	100%	136596	136921	375	100%	136596	136946	400	100%	136596	136946	400	100%
RTS_R4_-_28	RNAP_peak_-_30	138771	141221	2500	98%	138771	141221	2500	98%	138771	141221	2500	99%	138696	141221	2575	97%
RTS_R4_-_29	RNAP_peak_-_31	141996	142671	725	100%	141996	142721	775	97%	141996	142721	775	97%	141996	142721	775	97%
RTS_R4_-_30	RNAP_peak_-_32	146250	146725	525	95%	146250	146725	525	95%	146250	146725	525	95%	146250	146725	525	95%
RTS_R4_-_31	RNAP_peak_-_33	147975	149601	1676	100%	147975	149601	1676	100%	147975	149601	1676	100%	147975	149601	1676	100%
RTS_R4_-_32	RNAP_peak_-_39	157351	159201	1900	100%	157351	159201	1900	100%	157351	159201	1900	100%	157351	159201	1900	100%
RTS_R4_-_33	RNAP_peak_-_40	159251	160751	1550	80%	159251	160751	1550	80%	159251	160751	1550	80%	159251	160751	1550	80%
RTS_R4_-_34	RNAP_peak_-_41	160776	162026	1300	90%	160776	162026	1300	92%	160776	162026	1300	92%	160776	162026	1300	92%
RTS_R4_-_35	RNAP_peak_-_42									167026	167401	425	63%	167026	167401	425	63%
RTS_R4_-_36	RNAP_peak_-_43	173326	174976	1700	99%	173326	174976	1700	99%	173326	174976	1700	99%	173326	174976	1700	99%
RTS_R4_-_37	RNAP_peak_-_44	176951	179151	2250	82%	176951	179151	2250	82%	176951	179151	2250	82%	176951	179151	2250	82%
RTS_R4_-_38	RNAP_peak_-_45	183707	184207	550	100%	183607	184207	650	88%	183607	184207	650	88%	183607	184207	650	88%
RTS_R4_-_39	RNAP_peak_-_46	184932	186032	1150	98%	184932	186032	1150	98%	184932	186032	1150	98%	184932	186032	1150	98%
RTS_R4_-_40	RNAP_peak_-_47	186057	188657	2650	98%	186057	188657	2650	98%	186057	188657	2650	98%	186057	188657	2650	99%
RTS_R4_-_41	RNAP_peak_-_48	188707	189557	900	100%	188707	189707	1050	90%	188707	189707	1050	90%	188707	189707	1050	90%
RTS_R4_-_42	RNAP_peak_-_49	213557	214182	675	92%	213557	214182	675	92%	213557	214257	750	86%	213557	214257	750	90%
RTS_R4_-_43	RNAP_peak_-_51	217157	218832	1725	100%	217157	218832	1725	100%	217157	218832	1725	100%	217157	218832	1725	100%
RTS_R4_-_44	RNAP_peak_-_52	218857	220032	1225	92%	218857	220032	1225	92%	218857	220032	1225	92%	218857	220032	1225	92%
RTS_R4_-_45	RNAP_peak_-_53	220082	222682	2650	100%	220082	222682	2650	100%	220082	222682	2650	100%	220082	222682	2650	100%
RTS_R4_-_46	RNAP_peak_-_54	230012	230862	900	83%	230012	230862	900	86%	229962	230862	950	84%	229962	230862	950	84%
RTS_R4_-_47	RNAP_peak_-_55	232612	234062	1500	100%	232612	234062	1500	100%	232612	234062	1500	100%	232612	234062	1500	100%
RTS_R4_-_48	RNAP_peak_-_56	234137	234863	776	87%	234137	234863	776	93%	234137	234863	776	93%	234137	234863	776	97%
RTS_R4_-_49	RNAP_peak_-_57	235288	236013	775	73%	235288	236013	775	73%	235288	236013	775	73%	235288	236013	775	77%
RTS_R4_-_50	RNAP_peak_-_59	239688	240188	550	95%	239213	240188	1025	63%	239213	240188	1025	70%	239213	240188	1025	78%
RTS_R4_-_51	RNAP_peak_-_60	241088	243288	2250	76%	241088	243288	2250	76%	240863	243488	2675	96%	240863	243488	2675	96%
RTS_R4_-_52	RNAP_peak_-_61	245063	245863	850	100%	245063	245888	875	100%	245063	245888	875	100%	245063	245888	875	100%
RTS_R4_-_53	RNAP_peak_-_62	245938	246513	625	96%	245938	246513	625	96%	245938	246563	675	96%	245938	246563	675	96%
RTS_R4_-_54	RNAP_peak_-_63					248413	249288	925	8%	248363	250088	1775	27%	248363	250088	1775	27%
RTS_R4_-_55	RNAP_peak_-_64	254263	255788	1575	100%	254263	255788	1575	100%	254263	255788	1575	100%	254263	255788	1575	100%
RTS_R4_-_56	RNAP_peak_-_66	262014	262364	400	47%	261739	262364	675	50%	261739	262364	675	62%	261739	262364	675	62%
RTS_R4_-_57	RNAP_peak_-_67	264864	265439	625	58%	264864	265439	625	63%	264839	265439	650	84%	264839	265439	650	84%
RTS_R4_-_58	RNAP_peak_-_68	267564	268064	550	29%	267339	268064	775	30%	267339	268064	775	30%	267339	268239	950	30%

RTS_R4_-_59	RNAP_peak_-_70	273189	274364	1225	100%	273189	274364	1225	100%	273189	274364	1225	100%	273189	274364	1225	100%
RTS_R4_-_60	RNAP_peak_-_71	277089	278414	1375	0%	277089	278414	1375	13%	277089	278414	1375	13%	277089	278414	1375	13%
RTS_R4_-_61	RNAP_peak_-_72	278489	279264	825	75%	278464	279264	850	85%	278464	279264	850	85%	278464	279289	875	85%
RTS_R4_-_62	RNAP_peak_-_73	279314	279914	650	100%	279314	280014	750	90%	279314	280014	750	90%	279314	280014	750	97%
RTS_R4_-_63	RNAP_peak_-_74	287765	288440	725	93%	287515	288440	975	74%	287515	288440	975	74%	287515	288440	975	74%
RTS_R4_-_64	RNAP_peak_-_75	288515	289540	1075	100%	288490	289540	1100	100%	288490	289540	1100	100%	288490	289540	1100	100%
RTS_R4_-_65	RNAP_peak_-_76	289990	290590	650	84%	289940	290590	700	85%	289940	290590	700	85%	289890	290590	750	83%
RTS_R4_-_66	RNAP_peak_-_78	294440	294815	425	100%	294440	294815	425	100%	294440	294815	425	100%	294440	294815	425	100%
RTS_R4_-_67	RNAP_peak_-_79	294940	296240	1350	100%	294940	296290	1400	100%	294940	296290	1400	100%	294940	296290	1400	100%
RTS_R4_-_68	RNAP_peak_-_80					296690	301640	5000	4%	296690	301840	5200	8%	296690	301840	5200	14%
RTS_R4_-_69	RNAP_peak_-_81	303190	303490	350	100%	303140	303490	400	93%	303140	303490	400	93%	303140	303490	400	93%
RTS_R4_-_70	RNAP_peak_-_82	303665	305590	1975	15%	303665	305590	1975	15%	303665	305590	1975	18%	303665	305590	1975	18%
RTS_R4_-_71	RNAP_peak_-_83	309515	309890	425	38%	309515	309890	425	38%	305840	309915	4125	7%	305840	309915	4125	13%
RTS_R4_-_72	RNAP_peak_-_85	311668	311993	375	100%	311668	311993	375	100%	311593	311993	450	94%	311393	311993	650	96%
RTS_R4_-_73	RNAP_peak_-_86					312393	312468	125	75%	312393	312468	125	75%	312393	312468	125	75%
RTS_R4_-_74	RNAP_peak_-_88	315293	315668	425	100%	315293	315668	425	100%	315293	315668	425	100%	315293	315668	425	100%
RTS_R4_-_75	RNAP_peak_-_91	318543	319193	700	33%	318543	319193	700	33%	318268	319193	975	42%	318268	319193	975	47%
RTS_R4_-_76	RNAP_peak_-_93	324793	328568	3825	92%	324793	328568	3825	92%	324793	328568	3825	92%	324793	328568	3825	92%
RTS_R4_-_77		333093	333643	600	65%	332993	333643	700	63%	332893	333643	800	61%	332893	333668	825	63%
RTS_R4_-_78	RNAP_peak_-_95					345218	345368	200	29%	344818	345493	725	68%	344818	345493	725	68%
RTS_R4_-_79	RNAP_peak_-_96									347318	347643	375	21%	347318	347643	375	21%
RTS_R4_-_80	RNAP_peak_-_97	356968	357893	975	63%	356718	357893	1225	58%	356718	357893	1225	58%	356718	357893	1225	58%
RTS_R4_-_81	RNAP_peak_-_100	365702	367727	2075	96%	365702	367727	2075	96%	365702	367727	2075	98%	365702	367727	2075	98%
RTS_R4_-_82	RNAP_peak_-_101	376552	377602	1100	49%	376552	377602	1100	65%	376552	377602	1100	67%	376552	377602	1100	67%
RTS_R4_-_83	RNAP_peak_-_102	377654	379129	1525	98%	377654	379129	1525	100%	377654	379129	1525	100%	377654	379129	1525	100%
RTS_R4_-_84	RNAP_peak_-_103					379381	380406	1075	5%	379356	380506	1200	34%	379356	380506	1200	34%
RTS_R4_-_85	RNAP_peak_-_104	381556	381781	275	100%	381556	381781	275	100%	381556	381781	275	100%	381556	381781	275	100%
RTS_R4_-_86	RNAP_peak_-_107	388036	388961	975	100%	388036	388961	975	100%	388036	388961	975	100%	388036	388961	975	100%
RTS_R4_-_87	RNAP_peak_-_108	390711	392186	1525	92%	390711	392236	1575	92%	390711	392586	1925	83%	390711	392586	1925	83%
RTS_R4_-_88	RNAP_peak_-_109	394461	395561	1150	96%	394461	395561	1150	96%	394461	395561	1150	96%	394461	395561	1150	98%
RTS_R4_-_89	RNAP_peak_-_110					398279	398554	325	83%	398279	398554	325	92%	398279	398554	325	92%
RTS_R4_-_90	RNAP_peak_-_111	399104	400154	1100	98%	399079	400154	1125	98%	399054	400254	1250	98%	399054	400329	1325	100%
RTS_R4_-_91	RNAP_peak_-_112	402529	402829	350	38%	402529	402829	350	54%	402529	402829	350	54%	402529	402879	400	53%
RTS_R4_-_92	RNAP_peak_-_113	404055	404880	875	100%	404055	404880	875	100%	404055	404880	875	100%	404055	404880	875	100%
RTS_R4_-_93	RNAP_peak_-_114	407630	407680	100	100%	407630	407755	175	67%	407530	407755	275	80%	407530	407755	275	80%
RTS_R4_-_94	RNAP_peak_-_115	408380	409255	925	97%	408380	409255	925	97%	408255	409255	1050	90%	408255	409255	1050	90%
RTS_R4_-_95	RNAP_peak_-_116	410330	411731	1451	32%	410330	411731	1451	32%	410330	411731	1451	44%	410330	411731	1451	46%
RTS_R4_-_96	RNAP_peak_-_117	411806	416181	4425	86%	411806	416181	4425	86%	411806	416181	4425	86%	411806	416181	4425	86%
RTS_R4_-_97	RNAP_peak_-_118					418506	418781	325	42%	418281	420281	2050	17%	418281	420281	2050	19%
RTS_R4_-_98	RNAP_peak_-_119	423531	424331	850	73%	423531	424331	850	73%	423531	424331	850	73%	423531	424331	850	73%
RTS_R4_-_99	RNAP_peak_-_120	430284	431387	1153	98%	430284	431387	1153	98%	430284	431387	1153	98%	430284	431387	1153	98%
RTS_R4_-_100	RNAP_peak_-_121	431587	432062	525	35%	431587	432062	525	40%	431587	432062	525	45%	431587	432062	525	45%
RTS_R4_-_101	RNAP_peak_-_122	436262	437587	1375	96%	436262	437587	1375	96%	436087	437587	1550	97%	436087	437587	1550	97%
RTS_R4_-_102	RNAP_peak_-_123	437612	439622	2060	100%	437612	439622	2060	100%	437612	439622	2060	100%	437612	439622	2060	100%
RTS_R4_-_103	RNAP_peak_-_124	439687	440762	1125	100%	439687	441062	1425	82%	439687	441162	1525	90%	439687	441162	1525	90%
RTS_R4_-_104	RNAP_peak_-_125	442137	443762	1675	94%	442137	443762	1675	94%	442137	443762	1675	95%	442137	443762	1675	95%

RTS_R4_-_105	RNAP_peak_-_126	444587	445687	1150	40%	444412	445687	1325	38%	444412	445687	1325	38%	444412	445687	1325	38%
RTS_R4_-_106	RNAP_peak_-_127	445787	450912	5175	98%	445787	450912	5175	98%	445787	450912	5175	98%	445787	450912	5175	98%
RTS_R4_-_107	RNAP_peak_-_128	451437	453412	2025	96%	451437	453412	2025	96%	451437	453412	2025	96%	451437	453412	2025	96%
RTS_R4_-_108	RNAP_peak_-_130	464105	464755	700	96%	464105	464755	700	96%	464105	464755	700	96%	464105	464755	700	96%
RTS_R4_-_109	RNAP_peak_-_131									464980	466530	1600	83%	464980	466530	1600	83%
RTS_R4_-_110	RNAP_peak_-_132	473655	474405	800	100%	473655	474405	800	100%	473655	474405	800	100%	473655	474405	800	100%
RTS_R4_-_111	RNAP_peak_-_133	475255	475505	300	100%	474955	475505	600	57%	474955	475505	600	57%	474955	475505	600	61%
RTS_R4_-_112	RNAP_peak_-_134	476355	477955	1650	26%	476355	477955	1650	26%	476355	477955	1650	31%	476355	477955	1650	37%
RTS_R4_-_113	RNAP_peak_-_135	478005	478605	650	96%	478005	478605	650	96%	478005	478605	650	96%	478005	478605	650	96%
RTS_R4_-_114	RNAP_peak_-_136	478655	479280	675	100%	478655	479280	675	100%	478655	479280	675	100%	478655	479280	675	100%
RTS_R4_-_115	RNAP_peak_-_137	479305	480083	828	94%	479305	480083	828	94%	479305	480083	828	94%	479305	480083	828	97%
RTS_R4_-_116	RNAP_peak_-_138	480508	484858	4400	99%	480508	484858	4400	99%	480508	484858	4400	99%	480508	484858	4400	99%
RTS_R4_-_117	RNAP_peak_-_139	484883	485283	450	94%	484883	485283	450	94%	484883	485283	450	94%	484883	485283	450	94%
RTS_R4_-_118	RNAP_peak_-_140	489133	490083	1000	95%	489133	490083	1000	95%	489133	490133	1050	93%	489133	490133	1050	93%
RTS_R4_-_119	RNAP_peak_-_141	490208	490608	450	71%	490208	490633	475	78%	490208	490633	475	78%	490208	490633	475	78%
RTS_R4_-_120	RNAP_peak_-_142					498558	499437	929	14%	498558	499437	929	19%	498558	499437	929	19%
RTS_R4_-_121	RNAP_peak_-_143	500662	502487	1875	97%	500662	502487	1875	97%	500662	502487	1875	97%	500662	502487	1875	97%
RTS_R4_-_122	RNAP_peak_-_144	502937	503912	1025	20%	502937	503912	1025	20%	502937	503912	1025	23%	502937	503912	1025	23%
RTS_R4_-_123	RNAP_peak_-_145	505864	506389	575	95%	505512	506389	927	67%	505512	506389	927	67%	505512	506389	927	69%
RTS_R4_-_124	RNAP_peak_-_146	506539	507289	800	94%	506539	507339	850	91%	506539	507339	850	91%	506539	507339	850	91%
RTS_R4_-_125	RNAP_peak_-_147	507814	510614	2850	96%	507814	510614	2850	96%	507814	510614	2850	96%	507814	510614	2850	96%
RTS_R4_-_126	RNAP_peak_-_148	513489	515014	1575	87%	513489	515014	1575	87%	513489	515014	1575	97%	513489	515014	1575	97%
RTS_R4_-_127	RNAP_peak_-_149	516639	517489	900	100%	516364	517489	1175	93%	516364	517489	1175	93%	516364	517489	1175	93%
RTS_R4_-_128	RNAP_peak_-_150	517514	518989	1525	100%	517514	519039	1575	98%	517514	519039	1575	98%	517514	519039	1575	98%
RTS_R4_-_129	RNAP_peak_-_151	529014	530439	1475	71%	529014	530589	1625	66%	529014	530589	1625	66%	528839	530589	1800	62%
RTS_R4_-_130	RNAP_peak_-_152	542489	543764	1325	69%	542489	543764	1325	79%	542489	544214	1775	66%	542489	544214	1775	71%
RTS_R4_-_131	RNAP_peak_-_154	550514	552339	1875	100%	550514	552339	1875	100%	550514	552339	1875	100%	550514	552339	1875	100%
RTS_R4_-_132	RNAP_peak_-_155	552364	553764	1450	98%	552364	553764	1450	98%	552364	553764	1450	98%	552364	553764	1450	98%
RTS_R4_-_133	RNAP_peak_-_156													555414	555539	175	50%
RTS_R4_-_134	RNAP_peak_-_157	555914	556989	1125	95%	555914	556989	1125	95%	555914	556989	1125	95%	555914	556989	1125	95%
RTS_R4_-_135	RNAP_peak_-_159	564139	565214	1125	93%	564139	565214	1125	95%	564139	565214	1125	95%	564139	565214	1125	98%
RTS_R4_-_136	RNAP_peak_-_160	566839	567239	450	100%	566839	567239	450	100%	566839	567239	450	100%	566839	567239	450	100%
RTS_R4_-_137	RNAP_peak_-_162	573816	574941	1175	100%	573816	574941	1175	100%	573816	574941	1175	100%	573816	574941	1175	100%
RTS_R4_-_138	RNAP_peak_-_163	574966	576066	1150	100%	574966	576066	1150	100%	574966	576066	1150	100%	574966	576066	1150	100%
RTS_R4_-_139	RNAP_peak_-_164	577574	578124	600	100%	577574	578124	600	100%	577574	578124	600	100%	577574	578124	600	100%
RTS_R4_-_140	RNAP_peak_-_166													579553	579653	150	80%
RTS_R4_-_141	RNAP_peak_-_167									580590	580840	300	82%	580590	580840	300	82%
RTS_R4_-_142	RNAP_peak_-_169	583765	584865	1150	100%	583765	584865	1150	100%	583765	584865	1150	100%	583765	584865	1150	100%
RTS_R4_-_143	RNAP_peak_-_170					585365	586140	825	13%	585365	586140	825	13%	585365	586140	825	13%
RTS_R4_-_144	RNAP_peak_-_171	586765	590440	3725	39%	586565	590465	3950	40%	586565	590465	3950	41%	586565	590465	3950	41%
RTS_R4_-_145	RNAP_peak_-_172					591115	592390	1325	12%	590615	592390	1825	21%	590615	592390	1825	21%
RTS_R4_-_146	RNAP_peak_-_173	592665	594645	2030	78%	592665	594645	2030	78%	592665	594645	2030	78%	592665	594645	2030	78%
RTS_R4_-_147	RNAP_peak_-_174	596220	596320	150	100%	596220	596320	150	100%	596220	596320	150	100%	596220	596320	150	100%
RTS_R4_-_148	RNAP_peak_-_175	602745	603870	1175	83%	602745	603870	1175	83%	602745	603870	1175	83%	602745	603870	1175	83%
RTS_R4_-_149	RNAP_peak_-_176	604020	604645	675	100%	604020	604645	675	100%	604020	604645	675	100%	604020	604645	675	100%
RTS_R4_-_150	RNAP_peak_-_177	604670	605520	900	74%	604670	605520	900	74%	604670	605520	900	80%	604670	605520	900	80%

RTS_R4_-_151	RNAP_peak_-_178	605720	606595	925	75%	605645	606595	1000	72%	605645	606595	1000	95%	605645	606595	1000	95%
RTS_R4_-_152	RNAP_peak_-_179	606920	606945	75	100%	606920	606945	75	100%	606920	606945	75	100%	606920	606945	75	100%
RTS_R4_-_153		609320	611745	2475	22%	609320	611745	2475	22%	609320	611820	2550	43%	608670	611820	3200	91%
RTS_R4_-_154	RNAP_peak_-_180	618996	621396	2450	18%	618996	621396	2450	18%	618996	621396	2450	23%	618671	621421	2800	70%
RTS_R4_-_155	RNAP_peak_-_181	623171	623971	850	64%	623171	623971	850	64%	623171	623971	850	70%	622671	624046	1425	91%
RTS_R4_-_156	RNAP_peak_-_182	631346	631396	100	100%	631246	631521	325	83%	631246	631521	325	83%	631246	631521	325	83%
RTS_R4_-_157	RNAP_peak_-_183	631596	632721	1175	98%	631596	632721	1175	100%	631596	632721	1175	100%	631596	632721	1175	100%
RTS_R4_-_158	RNAP_peak_-_186	637071	637921	900	86%	637071	637921	900	86%	637071	637921	900	86%	637071	637921	900	89%
RTS_R4_-_159	RNAP_peak_-_187	640699	641099	450	100%	640674	641099	475	100%	640674	641099	475	100%	640674	641099	475	100%
RTS_R4_-_160	RNAP_peak_-_188	642856	643381	575	91%	642856	643381	575	91%	642856	643381	575	95%	642856	643381	575	95%
RTS_R4_-_161	RNAP_peak_-_189	643431	644231	850	100%	643431	644231	850	100%	643431	644231	850	100%	643431	644231	850	100%
RTS_R4_-_162	RNAP_peak_-_191					654924	655099	225	25%	654099	655199	1150	13%	654099	655199	1150	24%
RTS_R4_-_163	RNAP_peak_-_192	656799	657174	425	100%	656799	657174	425	100%	656799	657174	425	100%	656799	657174	425	100%
RTS_R4_-_164	RNAP_peak_-_193	658524	659474	1000	100%	658499	659474	1025	100%	658499	659474	1025	100%	658499	659474	1025	100%
RTS_R4_-_165	RNAP_peak_-_195	660924	661499	625	100%	660924	661499	625	100%	660924	661499	625	100%	660924	661499	625	100%
RTS_R4_-_166	RNAP_peak_-_196	661549	661874	375	93%	661549	661874	375	100%	661549	661874	375	100%	661549	661874	375	100%
RTS_R4_-_167	RNAP_peak_-_197	661924	663130	1256	100%	661899	663130	1281	100%	661899	663130	1281	100%	661899	663130	1281	100%
RTS_R4_-_168	RNAP_peak_-_198	663155	664555	1450	98%	663155	664555	1450	98%	663155	664555	1450	98%	663155	664555	1450	98%
RTS_R4_-_169	RNAP_peak_-_199	664580	668280	3750	99%	664580	668280	3750	99%	664580	668280	3750	99%	664580	668280	3750	99%
RTS_R4_-_170	RNAP_peak_-_200	668305	670230	1975	91%	668305	670230	1975	91%	668305	670230	1975	91%	668305	670230	1975	91%
RTS_R4_-_171	RNAP_peak_-_201	670255	674180	3975	99%	670255	674180	3975	99%	670255	674180	3975	99%	670255	674180	3975	99%
RTS_R4_-_172	RNAP_peak_-_202					675155	675355	250	33%	675105	675380	325	42%	675080	675705	675	81%
RTS_R4_-_173	RNAP_peak_-_204					681180	682130	1000	8%	680980	682130	1200	13%	680980	682130	1200	13%
RTS_R4_-_174		682705	683655	1000	92%	682705	683655	1000	92%	682705	683655	1000	95%	682705	683655	1000	95%
RTS_R4_-_175	RNAP_peak_-_205	683780	685905	2175	93%	683780	685905	2175	93%	683780	685905	2175	93%	683780	685905	2175	94%
RTS_R4_-_176	RNAP_peak_-_206	685955	687105	1200	100%	685955	687105	1200	100%	685955	687105	1200	100%	685955	687105	1200	100%
RTS_R4_-_177	RNAP_peak_-_207	687130	688255	1175	100%	687130	688330	1250	96%	687130	688330	1250	96%	687130	688405	1325	100%
RTS_R4_-_178	RNAP_peak_-_208	688655	691130	2525	98%	688655	691130	2525	98%	688655	691130	2525	98%	688655	691130	2525	98%
RTS_R4_-_179	RNAP_peak_-_209	691155	692705	1600	98%	691155	692705	1600	100%	691155	692705	1600	100%	691155	692705	1600	100%
RTS_R4_-_180	RNAP_peak_-_210	692755	694205	1500	98%	692755	694205	1500	98%	692755	694205	1500	98%	692755	694205	1500	98%
RTS_R4_-_181	RNAP_peak_-_211	695655	696030	425	100%	695655	696030	425	100%	695655	696030	425	100%	695655	696030	425	100%
RTS_R4_-_182	RNAP_peak_-_212	696055	696455	450	94%	696055	696455	450	94%	696055	696530	525	90%	696055	696530	525	100%
RTS_R4_-_183	RNAP_peak_-_213	696630	698430	1850	96%	696630	698430	1850	96%	696630	698430	1850	96%	696555	698430	1925	97%
RTS_R4_-_184	RNAP_peak_-_214	698730	699580	900	97%	698730	699580	900	97%	698655	699580	975	95%	698655	699580	975	95%
RTS_R4_-_185	RNAP_peak_-_215	699630	700980	1400	100%	699630	700980	1400	100%	699630	700980	1400	100%	699630	700980	1400	100%
RTS_R4_-_186	RNAP_peak_-_216	701005	702905	1950	94%	701005	702905	1950	95%	701005	702905	1950	96%	701005	702905	1950	97%
RTS_R4_-_187	RNAP_peak_-_217	709430	710105	725	100%	709430	710105	725	100%	709430	710105	725	100%	709430	710105	725	100%
RTS_R4_-_188	RNAP_peak_-_218	710155	710780	675	100%	710155	710780	675	100%	710155	710780	675	100%	710155	710780	675	100%
RTS_R4_-_189	RNAP_peak_-_219	710830	712030	1250	92%	710830	712030	1250	92%	710830	712030	1250	92%	710830	712030	1250	92%
RTS_R4_-_190						716230	717505	1325	17%	716005	717680	1725	37%	716005	717680	1725	37%
RTS_R4_-_191	RNAP_peak_-_222	720305	721055	800	81%	720280	721055	825	81%	720280	721055	825	97%	720280	721055	825	97%
RTS_R4_-_192	RNAP_peak_-_223	721080	723930	2900	74%	721080	723930	2900	74%	721080	723930	2900	75%	721080	723930	2900	75%
RTS_R4_-_193	RNAP_peak_-_225	740433	741833	1450	81%	740358	741858	1550	84%	740358	741858	1550	84%	740358	741858	1550	84%
RTS_R4_-_194	RNAP_peak_-_226					746908	746983	125	75%	746908	746983	125	100%	746283	747008	775	30%
RTS_R4_-_195	RNAP_peak_-_228	752133	752208	125	75%	752133	752208	125	75%	752133	752208	125	75%	752133	752208	125	75%
RTS_R4_-_196	RNAP_peak_-_229	752383	754008	1675	100%	752383	754008	1675	100%	752383	754008	1675	100%	752383	754008	1675	100%

RTS_R4_-_197	RNAP_peak_-_230	764458	765083	675	69%	764383	765083	750	100%	764383	765083	750	100%	764383	765083	750	100%
RTS_R4_-_198	RNAP_peak_-_231	783258	784033	825	81%	783258	784033	825	81%	783258	784033	825	91%	783258	784033	825	94%
RTS_R4_-_199	RNAP_peak_-_232	784233	784633	450	100%	784233	784658	475	100%	784233	784658	475	100%	784158	784658	550	95%
RTS_R4_-_200	RNAP_peak_-_233	786058	786933	925	97%	786058	786933	925	97%	786058	786933	925	97%	786058	786933	925	97%
RTS_R4_-_201	RNAP_peak_-_234	787058	788233	1225	100%	787058	788233	1225	100%	787058	788233	1225	100%	787058	788233	1225	100%
RTS_R4_-_202	RNAP_peak_-_235	788258	791283	3075	99%	788258	791283	3075	99%	788258	791283	3075	99%	788258	791283	3075	99%
RTS_R4_-_203	RNAP_peak_-_236	791558	793033	1525	97%	791558	793033	1525	97%	791558	793033	1525	97%	791558	793033	1525	97%
RTS_R4_-_204	RNAP_peak_-_237	793133	793858	775	97%	793133	793858	775	97%	793133	793858	775	97%	793133	793858	775	97%
RTS_R4_-_205	RNAP_peak_-_238	796858	797658	850	100%	796858	797658	850	100%	796858	797658	850	100%	796858	797658	850	100%
RTS_R4_-_206	RNAP_peak_-_240	802558	802658	150	100%	802533	802658	175	100%	802533	802658	175	100%	802533	802658	175	100%
RTS_R4_-_207	RNAP_peak_-_241	804883	806533	1700	96%	804883	806533	1700	96%	804883	806533	1700	96%	804883	806533	1700	96%
RTS_R4_-_208	RNAP_peak_-_242	806704	807204	550	100%	806704	807204	550	100%	806704	807204	550	100%	806704	807204	550	100%
RTS_R4_-_209	RNAP_peak_-_243	807254	808479	1275	96%	807254	808479	1275	96%	807254	808479	1275	96%	807254	808479	1275	96%
RTS_R4_-_210	RNAP_peak_-_244	814888	815865	1027	90%	814888	815865	1027	90%	814888	815865	1027	90%	814888	815865	1027	90%
RTS_R4_-_211	RNAP_peak_-_245	821765	823715	2000	76%	821765	823715	2000	77%	821140	823715	2625	62%	820940	823715	2825	73%
RTS_R4_-_212	RNAP_peak_-_246	824240	828140	3950	60%	824240	828140	3950	60%	824240	828140	3950	61%	824240	828140	3950	67%
RTS_R4_-_213	RNAP_peak_-_247	828165	829865	1750	87%	828165	829865	1750	87%	828165	829865	1750	87%	828165	829865	1750	88%
RTS_R4_-_214	RNAP_peak_-_248	831365	831790	475	56%	831365	831940	625	46%	831365	831940	625	50%	831290	831940	700	52%
RTS_R4_-_215	RNAP_peak_-_249	836746	837171	475	78%	836721	837171	500	79%	836696	837171	525	95%	836696	837171	525	95%
RTS_R4_-_216	RNAP_peak_-_250	837371	837671	350	38%	837346	837671	375	57%	837221	837671	500	100%	837221	837671	500	100%
RTS_R4_-_217	RNAP_peak_-_251	838021	839071	1100	16%	838021	839071	1100	16%	838021	839071	1100	21%	837746	839096	1400	58%
RTS_R4_-_218		839496	840846	1400	35%	839496	840846	1400	35%	839196	840846	1700	33%	839196	840846	1700	81%
RTS_R4_-_219	RNAP_peak_-_252	841021	841296	325	42%	841021	841296	325	50%	841021	841296	325	92%	841021	841296	325	100%
RTS_R4_-_220	RNAP_peak_-_253	842597	844697	2150	14%	842597	844697	2150	15%	842522	844697	2225	16%	842522	844697	2225	28%
RTS_R4_-_221	RNAP_peak_-_254	844822	847397	2625	99%	844822	847397	2625	99%	844822	847397	2625	99%	844822	847397	2625	99%
RTS_R4_-_222	RNAP_peak_-_255	847597	848147	600	100%	847597	848147	600	100%	847597	848147	600	100%	847597	848147	600	100%
RTS_R4_-_223	RNAP_peak_-_256	848997	849297	350	15%	848997	849297	350	15%	848472	849297	875	12%	848472	849372	950	14%
RTS_R4_-_224	RNAP_peak_-_257	850347	851897	1600	22%	850347	851897	1600	22%	850347	851897	1600	22%	850347	851897	1600	22%
RTS_R4_-_225	RNAP_peak_-_258	851972	852247	325	83%	851972	852247	325	83%	851972	852247	325	83%	851972	852247	325	83%
RTS_R4_-_226	RNAP_peak_-_259	854097	854997	950	100%	854097	854997	950	100%	854097	854997	950	100%	854097	854997	950	100%
RTS_R4_-_227	RNAP_peak_-_260	857122	859250	2178	79%	857122	859250	2178	79%	857122	859250	2178	80%	857122	859250	2178	81%
RTS_R4_-_228	RNAP_peak_-_261	863675	865600	1975	92%	863675	865650	2025	91%	863625	865650	2075	90%	863625	865650	2075	90%
RTS_R4_-_229	RNAP_peak_-_262	875950	877275	1375	98%	875950	877275	1375	98%	875950	877275	1375	98%	875950	877275	1375	98%
RTS_R4_-_230	RNAP_peak_-_263	879075	879725	700	93%	879075	879725	700	93%	879075	879725	700	96%	879075	879725	700	96%
RTS_R4_-_231	RNAP_peak_-_264	881235	882710	1525	100%	881235	882710	1525	100%	881235	882710	1525	100%	881235	882710	1525	100%
RTS_R4_-_232	RNAP_peak_-_265	884235	886535	2350	78%	884235	886535	2350	81%	884235	886535	2350	81%	884235	886535	2350	81%
RTS_R4_-_233	RNAP_peak_-_266	887260	887335	125	100%	887235	887335	150	100%	887110	887335	275	60%	887110	887335	275	60%
RTS_R4_-_234	RNAP_peak_-_267	887435	889179	1794	94%	887435	889179	1794	94%	887435	889179	1794	94%	887435	889179	1794	94%
RTS_R4_-_235	RNAP_peak_-_268	889729	889954	275	80%	889729	889954	275	90%	889729	889954	275	90%	889729	890004	325	92%
RTS_R4_-_236	RNAP_peak_-_269	898507	899832	1375	91%	898482	899832	1400	91%	898482	899832	1400	91%	898482	899832	1400	91%
RTS_R4_-_237	RNAP_peak_-_270	900082	903007	2975	99%	900082	903007	2975	99%	900082	903007	2975	99%	900082	903007	2975	99%
RTS_R4_-_238	RNAP_peak_-_271	903157	903707	600	100%	903157	903707	600	100%	903157	903707	600	100%	903157	903707	600	100%
RTS_R4_-_239	RNAP_peak_-_272	904957	906007	1100	91%	904957	906007	1100	91%	904957	906007	1100	91%	904957	906007	1100	91%
RTS_R4_-_240		906082	908558	2526	99%	906082	908558	2526	99%	906082	908558	2526	99%	906082	908558	2526	99%
RTS_R4_-_241	RNAP_peak_-_273	908583	910283	1750	99%	908583	910283	1750	99%	908583	910283	1750	100%	908583	910283	1750	100%
RTS_R4_-_242						910458	911608	1200	68%	910458	911608	1200	68%	910458	911608	1200	68%

RTS_R4_-_243	RNAP_peak_-_275	913208	914083	925	97%	913208	914083	925	97%	913208	914083	925	97%	913208	914083	925	97%
RTS_R4_-_244	RNAP_peak_-_276	914383	914408	75	100%	914383	914408	75	100%	914358	914458	150	80%	914358	914458	150	80%
RTS_R4_-_245	RNAP_peak_-_277	914883	915358	525	35%	914883	915358	525	35%	914633	915383	800	65%	914633	915383	800	65%
RTS_R4_-_246	RNAP_peak_-_278	917258	918308	1100	100%	917033	918308	1325	94%	917033	918308	1325	94%	917033	918308	1325	98%
RTS_R4_-_247	RNAP_peak_-_279	921560	921885	375	100%	921510	921885	425	94%	921510	921885	425	94%	921510	921885	425	94%
RTS_R4_-_248	RNAP_peak_-_280	925098	925248	200	100%	925098	925323	275	80%	925098	925323	275	80%	925098	925323	275	80%
RTS_R4_-_249	RNAP_peak_-_281	925434	925909	525	100%	925434	925909	525	100%	925434	925909	525	100%	925434	925909	525	100%
RTS_R4_-_250	RNAP_peak_-_282	925959	926809	900	100%	925959	926809	900	100%	925959	926809	900	100%	925959	926809	900	100%
RTS_R4_-_251	RNAP_peak_-_283	926834	930234	3450	98%	926834	930234	3450	98%	926834	930234	3450	98%	926834	930234	3450	98%
RTS_R4_-_252	RNAP_peak_-_284	930284	931284	1050	100%	930284	931284	1050	100%	930284	931284	1050	100%	930284	931284	1050	100%
RTS_R4_-_253	RNAP_peak_-_285	943934	944809	925	81%	943934	944809	925	81%	943934	944809	925	81%	943934	944809	925	89%
RTS_R4_-_254	RNAP_peak_-_286	948084	948784	750	21%	948084	948784	750	21%	947984	948784	850	24%	947984	948784	850	36%
RTS_R4_-_255	RNAP_peak_-_287	949584	950359	825	100%	949584	950359	825	100%	949559	950359	850	100%	949559	950359	850	100%
RTS_R4_-_256	RNAP_peak_-_288	950534	952734	2250	100%	950534	952734	2250	100%	950509	952734	2275	100%	950509	952734	2275	100%
RTS_R4_-_257	RNAP_peak_-_289	952759	953684	975	100%	952759	953684	975	100%	952759	953709	1000	100%	952759	953911	1202	94%
RTS_R4_-_258	RNAP_peak_-_290	954136	955911	1825	94%	954136	955911	1825	94%	954136	955911	1825	94%	954136	955911	1825	94%
RTS_R4_-_259	RNAP_peak_-_291													959086	959386	350	100%
RTS_R4_-_260	RNAP_peak_-_292	972137	972612	525	75%	972137	972612	525	75%	972137	972612	525	80%	972137	972612	525	80%
RTS_R4_-_261	RNAP_peak_-_293	983462	984937	1525	100%	983462	984937	1525	100%	983462	984937	1525	100%	983462	984937	1525	100%
RTS_R4_-_262	RNAP_peak_-_294	985088	986313	1275	100%	985088	986313	1275	100%	985088	986313	1275	100%	985088	986313	1275	100%
RTS_R4_-_263	RNAP_peak_-_295	986817	988342	1575	100%	986817	988342	1575	100%	986817	988342	1575	100%	986817	988342	1575	100%
RTS_R4_-_264	RNAP_peak_-_296	988392	989617	1275	100%	988392	989617	1275	100%	988392	989667	1325	98%	988392	989667	1325	98%
RTS_R4_-_265	RNAP_peak_-_297					992667	993642	1025	7%	992567	996792	4275	11%	992567	996792	4275	11%
RTS_R4_-_266	RNAP_peak_-_298	1003568	1003668	150	80%	1003568	1003668	150	80%	1003568	1003668	150	80%	1003568	1003668	150	100%
RTS_R4_-_267	RNAP_peak_-_299	1005943	1006818	925	97%	1005943	1006818	925	97%	1005893	1006818	975	95%	1005893	1006818	975	95%
RTS_R4_-_268	RNAP_peak_-_300	1015168	1015768	650	100%	1015168	1015768	650	100%	1015168	1015768	650	100%	1015168	1015768	650	100%
RTS_R4_-_269	RNAP_peak_-_301	1015793	1017518	1775	97%	1015793	1017518	1775	97%	1015793	1017518	1775	97%	1015793	1017518	1775	97%
RTS_R4_-_270	RNAP_peak_-_302	1018243	1019443	1250	98%	1018243	1019443	1250	98%	1018243	1019443	1250	98%	1018243	1019443	1250	98%
RTS_R4_-_271	RNAP_peak_-_303	1019518	1020143	675	88%	1019518	1020143	675	92%	1019468	1020143	725	93%	1019468	1020143	725	93%
RTS_R4_-_272	RNAP_peak_-_304	1020943	1023568	2675	91%	1020943	1023568	2675	91%	1020943	1023568	2675	91%	1020943	1023568	2675	91%
RTS_R4_-_273	RNAP_peak_-_305	1025743	1026243	550	100%	1025743	1026243	550	100%	1025743	1026243	550	100%	1025743	1026243	550	100%
RTS_R4_-_274	RNAP_peak_-_306	1026768	1026968	250	44%	1026393	1027018	675	58%	1026393	1027018	675	77%	1026393	1027018	675	77%
RTS_R4_-_275	RNAP_peak_-_307	1027636	1027961	375	100%	1027636	1027961	375	100%	1027636	1027961	375	100%	1027636	1027961	375	100%
RTS_R4_-_276	RNAP_peak_-_308	1027986	1029186	1250	100%	1027986	1029186	1250	100%	1027986	1029186	1250	100%	1027986	1029186	1250	100%
RTS_R4_-_277	RNAP_peak_-_309	1029536	1029887	401	93%	1029536	1029887	401	93%	1029536	1029887	401	93%	1029536	1029887	401	93%
RTS_R4_-_278	RNAP_peak_-_310	1029987	1030637	700	100%	1029987	1030637	700	100%	1029987	1030712	775	93%	1029987	1030712	775	93%
RTS_R4_-_279	RNAP_peak_-_311	1030837	1030912	125	100%	1030837	1030912	125	100%	1030837	1030912	125	100%	1030837	1030912	125	100%
RTS_R4_-_280	RNAP_peak_-_312									1030937	1031412	525	90%	1030937	1031412	525	90%
RTS_R4_-_281	RNAP_peak_-_313	1041187	1041762	625	71%	1041187	1041762	625	75%	1041187	1041812	675	85%	1041187	1041812	675	85%
RTS_R4_-_282	RNAP_peak_-_314	1042137	1049212	7125	7%	1042137	1049212	7125	16%	1042137	1049212	7125	18%	1042137	1049212	7125	18%
RTS_R4_-_283	RNAP_peak_-_315	1049312	1049912	650	92%	1049312	1049912	650	96%	1049312	1049912	650	96%	1049312	1049912	650	96%
RTS_R4_-_284	RNAP_peak_-_317	1056487	1057162	725	64%	1056337	1057387	1100	79%	1056337	1057387	1100	79%	1056337	1057387	1100	79%
RTS_R4_-_285	RNAP_peak_-_318	1061837	1063012	1225	100%	1061837	1063012	1225	100%	1061837	1063012	1225	100%	1061837	1063037	1250	100%
RTS_R4_-_286	RNAP_peak_-_319	1066087	1067087	1050	93%	1066087	1067087	1050	95%	1065987	1067112	1175	98%	1065987	1067112	1175	98%
RTS_R4_-_287	RNAP_peak_-_320					1068537	1068612	125	75%	1067762	1068612	900	43%	1067437	1068887	1500	90%
RTS_R4_-_288	RNAP_peak_-_321									1068912	1073212	4350	6%	1068912	1073237	4375	100%

RTS_R4_-_289	RNAP_peak_-_322	1074387	1078137	3800	64%	1074387	1078137	3800	64%	1074387	1078137	3800	65%	1074387	1078137	3800	67%
RTS_R4_-_290	RNAP_peak_-_323									1080012	1080587	625	54%	1080012	1080587	625	58%
RTS_R4_-_291	RNAP_peak_-_324	1083787	1084062	325	83%	1083787	1084062	325	83%	1083712	1084062	400	93%	1083712	1084062	400	93%
RTS_R4_-_292	RNAP_peak_-_325					1085337	1085662	375	100%	1085337	1085662	375	100%	1085337	1085662	375	100%
RTS_R4_-_293	RNAP_peak_-_327	1093437	1094687	1300	92%	1093437	1094687	1300	92%	1093437	1094687	1300	92%	1093437	1094687	1300	92%
RTS_R4_-_294	RNAP_peak_-_328	1096787	1096887	150	100%	1096787	1096887	150	100%	1096787	1096887	150	100%	1096787	1096887	150	100%
RTS_R4_-_295	RNAP_peak_-_329	1100137	1102537	2450	61%	1100137	1102537	2450	65%	1100137	1102537	2450	65%	1100137	1102537	2450	65%
RTS_R4_-_296	RNAP_peak_-_330	1106990	1108215	1275	40%	1106990	1108215	1275	40%	1106915	1108215	1350	45%	1106915	1108215	1350	45%
RTS_R4_-_297	RNAP_peak_-_331	1112815	1113415	650	100%	1112815	1113415	650	100%	1112815	1113415	650	100%	1112815	1113415	650	100%
RTS_R4_-_298	RNAP_peak_-_332					1113515	1114740	1275	14%	1113515	1114740	1275	14%	1113515	1114740	1275	14%
RTS_R4_-_299	RNAP_peak_-_333	1114890	1115840	1000	100%	1114890	1115840	1000	100%	1114890	1115840	1000	100%	1114890	1115840	1000	100%
RTS_R4_-_300	RNAP_peak_-_334	1117165	1117890	775	97%	1117165	1117890	775	97%	1117165	1117890	775	97%	1117140	1117890	800	100%
RTS_R4_-_301	RNAP_peak_-_336	1118765	1119815	1100	100%	1118765	1119865	1150	100%	1118765	1119865	1150	100%	1118765	1119865	1150	100%
RTS_R4_-_302	RNAP_peak_-_337	1119915	1120215	350	100%	1119915	1120240	375	100%	1119915	1120240	375	100%	1119915	1120240	375	100%
RTS_R4_-_303	RNAP_peak_-_338	1120472	1120697	275	100%	1120472	1120697	275	100%	1120472	1120697	275	100%	1120472	1120697	275	100%
RTS_R4_-_304	RNAP_peak_-_339	1120772	1121847	1125	100%	1120772	1121847	1125	100%	1120772	1121847	1125	100%	1120772	1121847	1125	100%
RTS_R4_-_305	RNAP_peak_-_340	1122022	1123272	1300	96%	1122022	1123272	1300	96%	1122022	1123297	1325	96%	1122022	1123297	1325	96%
RTS_R4_-_306	RNAP_peak_-_342	1128898	1129398	550	62%	1128898	1129398	550	67%	1128898	1129398	550	67%	1128898	1129398	550	67%
RTS_R4_-_307	RNAP_peak_-_344	1140403	1144079	3726	99%	1140403	1144079	3726	99%	1140403	1144079	3726	99%	1140403	1144079	3726	99%
RTS_R4_-_308	RNAP_peak_-_345	1145229	1145929	750	100%	1145229	1145929	750	100%	1145229	1145929	750	100%	1145229	1145929	750	100%
RTS_R4_-_309	RNAP_peak_-_346	1156605	1156855	300	100%	1156605	1156855	300	100%	1156605	1156855	300	100%	1156605	1156855	300	100%
RTS_R4_-_310	RNAP_peak_-_347													1158780	1160830	2100	93%
RTS_R4_-_311	RNAP_peak_-_348	1167430	1168055	675	81%	1167280	1168055	825	75%	1167280	1168055	825	75%	1167280	1168055	825	75%
RTS_R4_-_312	RNAP_peak_-_349	1168630	1169530	950	76%	1168630	1169530	950	95%	1168630	1169530	950	95%	1168630	1169530	950	95%
RTS_R4_-_313	RNAP_peak_-_350	1169780	1173205	3475	100%	1169780	1173205	3475	100%	1169780	1173205	3475	100%	1169780	1173205	3475	100%
RTS_R4_-_314	RNAP_peak_-_353	1181012	1184862	3900	99%	1181012	1184862	3900	99%	1181012	1184862	3900	99%	1181012	1184862	3900	99%
RTS_R4_-_315	RNAP_peak_-_354	1186362	1187462	1150	100%	1186362	1187462	1150	100%	1186362	1187462	1150	100%	1186362	1187462	1150	100%
RTS_R4_-_316	RNAP_peak_-_355	1187487	1189662	2225	100%	1187487	1189662	2225	100%	1187487	1189662	2225	100%	1187487	1189662	2225	100%
RTS_R4_-_317	RNAP_peak_-_356	1189687	1193141	3504	100%	1189687	1193141	3504	100%	1189687	1193141	3504	100%	1189687	1193141	3504	100%
RTS_R4_-_318	RNAP_peak_-_357	1193216	1194141	975	95%	1193216	1194141	975	95%	1193216	1194141	975	95%	1193216	1194141	975	95%
RTS_R4_-_319	RNAP_peak_-_360					1199801	1200101	350	38%	1199651	1200101	500	37%	1199651	1200101	500	42%
RTS_R4_-_320										1200501	1200576	125	100%	1200501	1200576	125	100%
RTS_R4_-_321	RNAP_peak_-_361	1201576	1202126	600	96%	1201051	1202126	1125	61%	1201051	1202126	1125	61%	1201051	1202126	1125	61%
RTS_R4_-_322														1202276	1202401	175	67%
RTS_R4_-_323	RNAP_peak_-_362	1203001	1203101	150	100%	1203001	1203101	150	100%	1202951	1203126	225	88%	1202951	1203126	225	88%
RTS_R4_-_324	RNAP_peak_-_363									1207768	1207993	275	80%	1207768	1207993	275	80%
RTS_R4_-_325	RNAP_peak_-_367	1212518	1213318	850	97%	1212518	1213318	850	97%	1212518	1213318	850	97%	1212518	1213318	850	97%
RTS_R4_-_326	RNAP_peak_-_368	1214093	1214468	425	56%	1213543	1214468	975	42%	1213518	1214468	1000	44%	1213518	1214468	1000	51%
RTS_R4_-_327	RNAP_peak_-_369	1221544	1222294	800	100%	1221544	1222294	800	100%	1221544	1222294	800	100%	1221544	1222294	800	100%
RTS_R4_-_328	RNAP_peak_-_370	1223494	1225344	1900	100%	1223419	1225344	1975	97%	1223419	1225344	1975	97%	1223419	1225344	1975	97%
RTS_R4_-_329	RNAP_peak_-_371													1225519	1225619	150	80%
RTS_R4_-_330	RNAP_peak_-_372	1226319	1226695	426	100%	1226319	1226695	426	100%	1226319	1226695	426	100%	1226119	1226720	651	92%
RTS_R4_-_331	RNAP_peak_-_373													1229220	1229620	450	53%
RTS_R4_-_332	RNAP_peak_-_374	1231720	1232245	575	86%	1231720	1232245	575	86%	1231720	1232245	575	86%	1231720	1232245	575	86%
RTS_R4_-_333	RNAP_peak_-_375	1232420	1233945	1575	97%	1232420	1233945	1575	97%	1232420	1233945	1575	97%	1232420	1233945	1575	97%
RTS_R4_-_334	RNAP_peak_-_376	1234970	1236495	1575	92%	1234970	1236495	1575	92%	1234945	1236495	1600	100%	1234945	1236495	1600	100%

RTS_R4_-_335	RNAP_peak_-_377	1239395	1242295	2950	85%	1239395	1242295	2950	85%	1239395	1242295	2950	85%	1239395	1242320	2975	85%
RTS_R4_-_336	RNAP_peak_-_378					1243420	1243870	500	47%	1243420	1243870	500	47%	1243420	1243870	500	47%
RTS_R4_-_337	RNAP_peak_-_379	1244899	1246599	1750	94%	1244899	1246599	1750	94%	1244899	1246599	1750	96%	1244899	1246624	1775	97%
RTS_R4_-_338	RNAP_peak_-_380	1246974	1250124	3200	98%	1246974	1250174	3250	97%	1246974	1250174	3250	97%	1246974	1250174	3250	97%
RTS_R4_-_339	RNAP_peak_-_381	1252924	1254374	1500	19%	1252924	1255374	2500	17%	1252799	1255374	2625	19%	1252799	1255374	2625	19%
RTS_R4_-_340	RNAP_peak_-_382	1255924	1256924	1050	100%	1255924	1256924	1050	100%	1255874	1256924	1100	98%	1255874	1256924	1100	98%
RTS_R4_-_341	RNAP_peak_-_383	1256949	1257749	850	100%	1256949	1257749	850	100%	1256949	1257749	850	100%	1256949	1257749	850	100%
RTS_R4_-_342	RNAP_peak_-_384	1258624	1260049	1475	19%	1258624	1260049	1475	19%	1258624	1260049	1475	19%	1258599	1260049	1500	20%
RTS_R4_-_343	RNAP_peak_-_385	1260099	1261324	1275	98%	1260099	1261324	1275	98%	1260099	1261324	1275	98%	1260099	1261324	1275	98%
RTS_R4_-_344	RNAP_peak_-_386	1261349	1262724	1425	100%	1261349	1262724	1425	100%	1261349	1262724	1425	100%	1261349	1262724	1425	100%
RTS_R4_-_345	RNAP_peak_-_387	1268374	1268449	125	100%	1268374	1268474	150	100%	1268374	1268474	150	100%	1268374	1268474	150	100%
RTS_R4_-_346	RNAP_peak_-_388	1268599	1268649	100	100%	1268599	1268699	150	100%	1268599	1268699	150	100%	1268599	1268699	150	100%
RTS_R4_-_347	RNAP_peak_-_389	1268899	1269024	175	100%	1268899	1269024	175	100%	1268899	1269024	175	100%	1268899	1269024	175	100%
RTS_R4_-_348	RNAP_peak_-_390	1269124	1269174	100	100%	1269124	1269224	150	100%	1269124	1269224	150	100%	1269124	1269224	150	100%
RTS_R4_-_349	RNAP_peak_-_391	1269424	1269549	175	83%	1269424	1269549	175	100%	1269424	1269549	175	100%	1269424	1269549	175	100%
RTS_R4_-_350	RNAP_peak_-_392	1269649	1269724	125	100%	1269649	1269749	150	100%	1269649	1269749	150	100%	1269649	1269749	150	100%
RTS_R4_-_351	RNAP_peak_-_393	1269974	1271099	1175	98%	1269974	1271099	1175	100%	1269974	1271099	1175	100%	1269974	1271099	1175	100%
RTS_R4_-_352	RNAP_peak_-_394	1272499	1272849	400	100%	1272499	1272924	475	89%	1272499	1272924	475	89%	1272499	1272924	475	94%
RTS_R4_-_353	RNAP_peak_-_395	1274375	1277000	2675	62%	1274375	1277000	2675	75%	1274375	1277000	2675	75%	1274375	1277000	2675	75%
RTS_R4_-_354	RNAP_peak_-_396	1286375	1286525	200	86%	1286375	1286525	200	86%	1286375	1286525	200	86%	1286375	1286525	200	86%
RTS_R4_-_355	RNAP_peak_-_397	1286550	1286825	325	100%	1286550	1286825	325	100%	1286550	1286825	325	100%	1286550	1286825	325	100%
RTS_R4_-_356	RNAP_peak_-_398	1286850	1288375	1575	100%	1286850	1288375	1575	100%	1286850	1288375	1575	100%	1286850	1288375	1575	100%
RTS_R4_-_357	RNAP_peak_-_399	1289125	1289325	250	44%	1289125	1289325	250	89%	1289125	1289325	250	89%	1289125	1289325	250	89%
RTS_R4_-_358	RNAP_peak_-_400	1291750	1292150	450	100%	1291725	1292150	475	100%	1291725	1292150	475	100%	1291725	1292150	475	100%
RTS_R4_-_359	RNAP_peak_-_401	1294475	1297475	3050	96%	1294475	1297475	3050	96%	1294475	1297475	3050	96%	1294475	1297475	3050	97%
RTS_R4_-_360	RNAP_peak_-_402	1304851	1306676	1875	100%	1304851	1306676	1875	100%	1304851	1306676	1875	100%	1304851	1306676	1875	100%
RTS_R4_-_361	RNAP_peak_-_403	1307026	1308526	1550	70%	1307026	1308526	1550	70%	1307026	1308526	1550	70%	1307026	1308526	1550	84%
RTS_R4_-_362	RNAP_peak_-_404	1308626	1308901	325	100%	1308626	1308901	325	100%	1308626	1308901	325	100%	1308626	1308901	325	100%
RTS_R4_-_363	RNAP_peak_-_405	1309876	1310276	450	100%	1309876	1310276	450	100%	1309876	1310276	450	100%	1309876	1310276	450	100%
RTS_R4_-_364	RNAP_peak_-_406	1310401	1311701	1350	98%	1310401	1311701	1350	98%	1310376	1311701	1375	98%	1310376	1311701	1375	98%
RTS_R4_-_365	RNAP_peak_-_407	1312876	1314076	1250	65%	1312876	1314076	1250	65%	1312876	1314076	1250	65%	1312776	1314076	1350	92%
RTS_R4_-_366	RNAP_peak_-_408	1314452	1318177	3775	100%	1314452	1318177	3775	100%	1314402	1318177	3825	99%	1314402	1318177	3825	99%
RTS_R4_-_367	RNAP_peak_-_409	1318202	1321102	2950	100%	1318202	1321102	2950	100%	1318202	1321102	2950	100%	1318202	1321102	2950	100%
RTS_R4_-_368	RNAP_peak_-_410	1325702	1327227	1575	97%	1325702	1327227	1575	97%	1325702	1327227	1575	97%	1325702	1327227	1575	97%
RTS_R4_-_369	RNAP_peak_-_411	1328502	1328702	250	100%	1328502	1328752	300	91%	1328502	1328752	300	91%	1328502	1328752	300	91%
RTS_R4_-_370	RNAP_peak_-_412	1336613	1337188	625	100%	1336613	1337188	625	100%	1336613	1337188	625	100%	1336613	1337188	625	100%
RTS_R4_-_371	RNAP_peak_-_413	1341063	1341463	450	100%	1341063	1341463	450	100%	1341038	1341463	475	100%	1341038	1341463	475	100%
RTS_R4_-_372	RNAP_peak_-_414	1341738	1342388	700	89%	1341738	1342388	700	89%	1341738	1342388	700	89%	1341738	1342388	700	89%
RTS_R4_-_373	RNAP_peak_-_415	1342413	1342638	275	100%	1342413	1342638	275	100%	1342413	1342638	275	100%	1342413	1342663	300	100%
RTS_R4_-_374	RNAP_peak_-_416	1342988	1344838	1900	71%	1342988	1344838	1900	71%	1342813	1344838	2075	98%	1342813	1344838	2075	98%
RTS_R4_-_375	RNAP_peak_-_417	1345013	1347138	2175	100%	1345013	1347138	2175	100%	1345013	1347138	2175	100%	1345013	1347138	2175	100%
RTS_R4_-_376		1347163	1348213	1100	93%	1347163	1348213	1100	93%	1347163	1348213	1100	93%	1347163	1348213	1100	95%
RTS_R4_-_377	RNAP_peak_-_418	1348313	1349113	850	100%	1348313	1349113	850	100%	1348313	1349113	850	100%	1348313	1349113	850	100%
RTS_R4_-_378	RNAP_peak_-_419	1349390	1354140	4800	68%	1349390	1354140	4800	68%	1349365	1354140	4825	91%	1349365	1354140	4825	91%
RTS_R4_-_379	RNAP_peak_-_420	1354190	1355365	1225	94%	1354190	1355365	1225	94%	1354190	1355365	1225	96%	1354190	1355365	1225	96%
RTS_R4_-_380	RNAP_peak_-_421	1355390	1355715	375	100%	1355390	1355715	375	100%	1355390	1355715	375	100%	1355390	1355715	375	100%

RTS_R4_-_381	RNAP_peak_-_422	1355815	1358965	3200	62%	1355815	1358965	3200	62%	1355815	1358965	3200	62%	1355815	1358965	3200	63%
RTS_R4_-_382	RNAP_peak_-_423	1365290	1365915	675	46%	1365290	1365915	675	46%	1365290	1365915	675	46%	1365290	1365915	675	46%
RTS_R4_-_383	RNAP_peak_-_424	1381216	1381991	825	66%	1381216	1381991	825	66%	1381216	1381991	825	66%	1381216	1381991	825	66%
RTS_R4_-_384	RNAP_peak_-_425	1386341	1386841	550	100%	1386341	1386841	550	100%	1386341	1386841	550	100%	1386266	1386841	625	92%
RTS_R4_-_385	RNAP_peak_-_426	1387891	1388766	925	89%	1387891	1388766	925	89%	1387891	1388766	925	89%	1387791	1388766	1025	88%
RTS_R4_-_386	RNAP_peak_-_427					1389091	1389866	825	6%	1389091	1389866	825	6%	1389091	1389866	825	9%
RTS_R4_-_387	RNAP_peak_-_428	1392941	1393966	1075	83%	1392941	1393966	1075	83%	1392941	1393966	1075	83%	1392941	1393966	1075	83%
RTS_R4_-_388	RNAP_peak_-_429	1395716	1396716	1050	98%	1395716	1396716	1050	98%	1395691	1396716	1075	98%	1395691	1396716	1075	98%
RTS_R4_-_389	RNAP_peak_-_430	1396791	1397666	925	94%	1396791	1397666	925	94%	1396791	1397666	925	94%	1396791	1397666	925	97%
RTS_R4_-_390	RNAP_peak_-_431	1397767	1398267	550	67%	1397767	1398267	550	67%	1397767	1398267	550	67%	1397767	1398267	550	81%
RTS_R4_-_391						1400667	1400842	225	25%	1398867	1402542	3725	7%	1398867	1402592	3775	9%
RTS_R4_-_392	RNAP_peak_-_432	1403742	1403792	100	100%	1403742	1403792	100	100%	1403717	1403792	125	100%	1403717	1403792	125	100%
RTS_R4_-_393	RNAP_peak_-_433	1404617	1405917	1350	89%	1404392	1405917	1575	90%	1404392	1405917	1575	90%	1404392	1405917	1575	90%
RTS_R4_-_394	RNAP_peak_-_434					1407367	1407417	100	100%	1407367	1407417	100	100%	1407317	1407417	150	80%
RTS_R4_-_395	RNAP_peak_-_435	1409042	1410167	1175	100%	1408867	1410418	1601	86%	1408867	1410443	1626	92%	1408867	1410443	1626	92%
RTS_R4_-_396	RNAP_peak_-_436					1411818	1412868	1100	12%	1411468	1415118	3700	8%	1411468	1415118	3700	10%
RTS_R4_-_397	RNAP_peak_-_440	1417743	1418243	550	95%	1417743	1418243	550	95%	1417743	1418243	550	95%	1417743	1418243	550	95%
RTS_R4_-_398	RNAP_peak_-_441	1421436	1421686	300	64%	1421436	1421686	300	64%	1421436	1421686	300	73%	1421436	1421686	300	73%
RTS_R4_-_399	RNAP_peak_-_442									1424887	1425012	175	83%	1424887	1425012	175	83%
RTS_R4_-_400	RNAP_peak_-_443	1425787	1426762	1025	95%	1425787	1426762	1025	95%	1425787	1426762	1025	95%	1425787	1426762	1025	95%
RTS_R4_-_401	RNAP_peak_-_445					1432163	1432588	475	56%	1432163	1432588	475	56%	1432163	1432588	475	56%
RTS_R4_-_402	RNAP_peak_-_447	1433213	1433638	475	94%	1433213	1433638	475	94%	1433138	1433688	600	96%	1433138	1433688	600	96%
RTS_R4_-_403	RNAP_peak_-_449	1435313	1438838	3575	96%	1435313	1438838	3575	96%	1435288	1438838	3600	99%	1435288	1438838	3600	99%
RTS_R4_-_404	RNAP_peak_-_450	1439388	1439763	425	88%	1439263	1439763	550	81%	1439188	1439763	625	96%	1439188	1439763	625	96%
RTS_R4_-_405	RNAP_peak_-_451	1439838	1440863	1075	93%	1439838	1440888	1100	100%	1439838	1440888	1100	100%	1439838	1440888	1100	100%
RTS_R4_-_406		1440938	1441438	550	29%	1440938	1441513	625	100%	1440938	1441513	625	100%	1440913	1441513	650	100%
RTS_R4_-_407	RNAP_peak_-_452	1445013	1445313	350	46%	1445013	1445313	350	46%	1444513	1445313	850	21%	1444513	1445313	850	30%
RTS_R4_-_408										1447538	1451563	4075	6%	1447538	1451563	4075	6%
RTS_R4_-_409	RNAP_peak_-_453	1465963	1467163	1250	100%	1465963	1467238	1325	96%	1465963	1467338	1425	91%	1465963	1467338	1425	93%
RTS_R4_-_410	RNAP_peak_-_454	1480297	1480897	650	92%	1480297	1480897	650	92%	1480297	1480897	650	92%	1480297	1480897	650	92%
RTS_R4_-_411	RNAP_peak_-_455	1487742	1488767	1075	100%	1487742	1488767	1075	100%	1487742	1488867	1175	93%	1487742	1488867	1175	93%
RTS_R4_-_412	RNAP_peak_-_457	1489942	1490217	325	100%	1489892	1490217	375	93%	1489892	1490217	375	93%	1489892	1490217	375	93%
RTS_R4_-_413	RNAP_peak_-_458	1492092	1493142	1100	98%	1492092	1493142	1100	98%	1492092	1493142	1100	98%	1492092	1493142	1100	98%
RTS_R4_-_414	RNAP_peak_-_459	1497702	1498477	825	66%	1497702	1498477	825	66%	1497302	1498502	1250	86%	1497302	1498502	1250	86%
RTS_R4_-_415	RNAP_peak_-_461									1503005	1504382	1427	20%	1503005	1504382	1427	20%
RTS_R4_-_416	RNAP_peak_-_462					1506382	1507107	775	73%	1506382	1507107	775	73%	1506382	1507107	775	73%
RTS_R4_-_417	RNAP_peak_-_463	1514950	1515225	325	92%	1514950	1515225	325	92%	1514950	1515325	425	75%	1514950	1515325	425	75%
RTS_R4_-_418	RNAP_peak_-_464	1515875	1516875	1050	76%	1515875	1516875	1050	76%	1515875	1516875	1050	76%	1515875	1516875	1050	78%
RTS_R4_-_419	RNAP_peak_-_465	1518900	1521100	2250	65%	1518900	1521100	2250	66%	1518900	1521100	2250	66%	1518900	1521100	2250	66%
RTS_R4_-_420	RNAP_peak_-_466	1522600	1524000	1450	16%	1522600	1524000	1450	16%	1522600	1524000	1450	19%	1522600	1524000	1450	19%
RTS_R4_-_421	RNAP_peak_-_467	1531381	1531606	275	40%	1531381	1531606	275	40%	1531381	1531856	525	35%	1531381	1531881	550	71%
RTS_R4_-_422	RNAP_peak_-_468	1532906	1533881	1025	88%	1532906	1533881	1025	88%	1532906	1533881	1025	88%	1532906	1533881	1025	88%
RTS_R4_-_423	RNAP_peak_-_469					1535031	1535281	300	18%	1534331	1541131	6850	7%	1534331	1542131	7850	9%
RTS_R4_-_424	RNAP_peak_-_471	1544567	1545192	675	92%	1544567	1545192	675	92%	1544567	1545192	675	92%	1544567	1545192	675	92%
RTS_R4_-_425	RNAP_peak_-_472	1550092	1550717	675	65%	1550067	1550717	700	93%	1550067	1550717	700	100%	1550067	1550717	700	100%
RTS_R4_-_426	RNAP_peak_-_473	1550867	1551892	1075	95%	1550867	1551892	1075	95%	1550792	1551892	1150	96%	1550767	1551892	1175	96%

RTS_R4_-_427	RNAP_peak_-_474	1551992	1553742	1800	100%	1551992	1553742	1800	100%	1551992	1553742	1800	100%	1551992	1553742	1800	100%
RTS_R4_-_428	RNAP_peak_-_475	1553842	1554117	325	100%	1553842	1554117	325	100%	1553842	1554117	325	100%	1553842	1554117	325	100%
RTS_R4_-_429	RNAP_peak_-_476	1554167	1554317	200	57%	1554167	1554317	200	57%	1554167	1554317	200	57%	1554167	1554342	225	75%
RTS_R4_-_430	RNAP_peak_-_477									1555692	1558442	2800	5%	1554917	1561117	6250	98%
RTS_R4_-_431	RNAP_peak_-_478	1563117	1565217	2150	68%	1563117	1565217	2150	68%	1561492	1565292	3850	56%	1561467	1565292	3875	69%
RTS_R4_-_432	RNAP_peak_-_479	1565592	1566843	1301	96%	1565592	1566843	1301	96%	1565467	1566843	1426	89%	1565467	1566843	1426	89%
RTS_R4_-_433	RNAP_peak_-_480	1567043	1568710	1717	100%	1567043	1568710	1717	100%	1566993	1568710	1767	100%	1566993	1568710	1767	100%
RTS_R4_-_434	RNAP_peak_-_481	1568735	1570060	1375	100%	1568735	1570060	1375	100%	1568735	1570060	1375	100%	1568735	1570060	1375	100%
RTS_R4_-_435	RNAP_peak_-_482					1570585	1572910	2375	6%	1570585	1572910	2375	7%	1570585	1572910	2375	11%
RTS_R4_-_436	RNAP_peak_-_486					1582487	1584587	2150	65%	1582487	1584587	2150	65%	1582487	1584587	2150	65%
RTS_R4_-_437	RNAP_peak_-_488					1585962	1586737	825	34%	1585962	1586737	825	34%	1585962	1586737	825	34%
RTS_R4_-_438	RNAP_peak_-_489					1587037	1588012	1025	25%	1587037	1588012	1025	25%	1587037	1588012	1025	25%
RTS_R4_-_439	RNAP_peak_-_490	1589112	1590462	1400	85%	1588512	1590462	2000	73%	1588512	1590487	2025	74%	1588512	1590487	2025	74%
RTS_R4_-_440	RNAP_peak_-_491	1590987	1595387	4450	37%	1590787	1595387	4650	54%	1590787	1596537	5800	46%	1590787	1596537	5800	47%
RTS_R4_-_441		1597862	1599237	1425	39%	1597862	1599412	1600	38%	1596812	1599412	2650	41%	1596812	1599412	2650	43%
RTS_R4_-_442	RNAP_peak_-_492	1606137	1607037	950	70%	1606137	1607037	950	70%	1606137	1607037	950	70%	1606137	1607037	950	70%
RTS_R4_-_443	RNAP_peak_-_493					1607612	1609237	1675	9%	1607362	1609237	1925	22%	1607362	1609887	2575	24%
RTS_R4_-_444	RNAP_peak_-_494	1609962	1611337	1425	93%	1609962	1611337	1425	93%	1609962	1611337	1425	93%	1609962	1611337	1425	93%
RTS_R4_-_445	RNAP_peak_-_495	1611412	1612837	1475	90%	1611412	1612837	1475	90%	1611412	1612837	1475	90%	1611412	1612837	1475	91%
RTS_R4_-_446	RNAP_peak_-_496	1616312	1616937	675	81%	1616312	1616937	675	85%	1616312	1616937	675	85%	1616312	1616937	675	88%
RTS_R4_-_447	RNAP_peak_-_497	1617937	1619162	1275	88%	1617937	1619162	1275	88%	1617937	1619162	1275	88%	1617937	1619162	1275	88%
RTS_R4_-_448	RNAP_peak_-_498	1619362	1619512	200	57%	1619362	1619587	275	50%	1619312	1619662	400	67%	1619312	1619662	400	80%
RTS_R4_-_449	RNAP_peak_-_499	1620862	1620912	100	100%	1620862	1621887	1075	93%	1620862	1621887	1075	93%	1620862	1621887	1075	93%
RTS_R4_-_450	RNAP_peak_-_500	1622262	1622487	275	50%	1622012	1622512	550	71%	1622012	1622512	550	76%	1622012	1622512	550	81%
RTS_R4_-_451	RNAP_peak_-_501	1623362	1625412	2100	100%	1623212	1625412	2250	98%	1623212	1625412	2250	98%	1623212	1625412	2250	98%
RTS_R4_-_452	RNAP_peak_-_502					1627712	1628687	1025	5%	1627462	1630137	2725	6%	1627462	1630137	2725	6%
RTS_R4_-_453	RNAP_peak_-_503					1631962	1632262	350	31%	1631712	1632262	600	65%	1631712	1632262	600	65%
RTS_R4_-_454						1632487	1632912	475	11%	1632487	1634437	2000	11%	1632387	1634437	2100	12%
RTS_R4_-_455	RNAP_peak_-_504					1634799	1635099	350	31%	1634799	1635099	350	31%	1634799	1635099	350	31%
RTS_R4_-_456	RNAP_peak_-_505	1635677	1635861	234	100%	1635574	1635861	337	75%	1635574	1635861	337	75%	1635574	1635861	337	75%
RTS_R4_-_457	RNAP_peak_-_509													1639337	1639712	425	44%
RTS_R4_-_458	RNAP_peak_-_511					1642812	1642887	125	50%	1642737	1642887	200	100%	1642737	1642887	200	100%
RTS_R4_-_459	RNAP_peak_-_512	1643012	1643890	928	86%	1643012	1643890	928	92%	1643012	1643890	928	94%	1643012	1643890	928	94%
RTS_R4_-_460	RNAP_peak_-_513	1644040	1644215	225	63%	1644040	1644215	225	63%	1644040	1644215	225	63%	1644040	1644215	225	63%
RTS_R4_-_461	RNAP_peak_-_514	1644815	1645115	350	85%	1644815	1645115	350	85%	1644815	1645115	350	85%	1644815	1645115	350	85%
RTS_R4_-_462	RNAP_peak_-_516	1649340	1649565	275	100%	1649340	1649565	275	100%	1649340	1649565	275	100%	1649265	1649565	350	85%
RTS_R4_-_463	RNAP_peak_-_519	1653420	1653645	275	80%	1653420	1653645	275	80%	1653420	1653645	275	80%	1653420	1653670	300	82%
RTS_R4_-_464	RNAP_peak_-_520	1654720	1655470	800	71%	1654395	1655470	1125	59%	1654320	1655470	1200	66%	1654295	1655470	1225	71%
RTS_R4_-_465	RNAP_peak_-_521	1664595	1665270	725	86%	1664395	1665270	925	89%	1664395	1665270	925	92%	1664395	1665270	925	92%
RTS_R4_-_466	RNAP_peak_-_522	1665520	1666595	1125	100%	1665420	1666595	1225	94%	1665420	1666595	1225	94%	1665420	1666595	1225	94%
RTS_R4_-_467	RNAP_peak_-_523	1666795	1667245	500	21%	1666795	1667245	500	21%	1666795	1667570	825	25%	1666795	1667570	825	25%
RTS_R4_-_468	RNAP_peak_-_524	1668845	1669120	325	92%	1668845	1669120	325	92%	1668845	1669145	350	92%	1668845	1669145	350	92%
RTS_R4_-_469	RNAP_peak_-_525					1669820	1669845	75	100%	1669795	1669920	175	100%	1669370	1669920	600	43%
RTS_R4_-_470	RNAP_peak_-_526	1671170	1671770	650	36%	1670670	1671770	1150	22%	1670670	1671770	1150	22%	1670670	1671770	1150	22%
RTS_R4_-_471	RNAP_peak_-_527	1672745	1676020	3325	96%	1672745	1676195	3500	94%	1672745	1676245	3550	96%	1672745	1676245	3550	96%
RTS_R4_-_472	RNAP_peak_-_528	1679395	1680070	725	79%	1679395	1680070	725	79%	1679395	1680070	725	79%	1679395	1680070	725	79%

RTS_R4_-_473										1682695	1682770	125	75%	1682695	1682770	125	100%
RTS_R4_-_474		1683220	1684645	1475	91%	1683045	1684645	1650	85%	1683045	1684645	1650	85%	1683045	1684645	1650	85%
RTS_R4_-_475	RNAP_peak_-_529	1684770	1686445	1725	100%	1684770	1686570	1850	96%	1684770	1686570	1850	96%	1684770	1686570	1850	96%
RTS_R4_-_476	RNAP_peak_-_530									1689670	1694095	4475	9%	1689670	1694095	4475	9%
RTS_R4_-_477	RNAP_peak_-_531	1694645	1695120	525	85%	1694645	1695145	550	86%	1694470	1695145	725	71%	1694470	1695170	750	72%
RTS_R4_-_478	RNAP_peak_-_532	1695220	1696121	951	95%	1695220	1696121	951	95%	1695220	1696121	951	95%	1695220	1696121	951	95%
RTS_R4_-_479	RNAP_peak_-_533	1696396	1697271	925	17%	1696246	1697271	1075	76%	1696246	1697271	1075	76%	1696246	1697271	1075	76%
RTS_R4_-_480	RNAP_peak_-_534	1701296	1702346	1100	100%	1701296	1702346	1100	100%	1701296	1702346	1100	100%	1701246	1702346	1150	98%
RTS_R4_-_481	RNAP_peak_-_535					1710271	1710796	575	36%	1710271	1710796	575	36%	1710271	1710796	575	36%
RTS_R4_-_482	RNAP_peak_-_536	1713096	1713921	875	94%	1713096	1713921	875	94%	1713096	1713921	875	94%	1713096	1713921	875	94%
RTS_R4_-_483	RNAP_peak_-_537	1713971	1715296	1375	98%	1713971	1715296	1375	98%	1713971	1715296	1375	98%	1713971	1715296	1375	98%
RTS_R4_-_484	RNAP_peak_-_538	1715321	1716046	775	100%	1715321	1716046	775	100%	1715321	1716046	775	100%	1715321	1716046	775	100%
RTS_R4_-_485	RNAP_peak_-_539	1716146	1716371	275	80%	1716146	1716371	275	90%	1716146	1716371	275	90%	1716146	1716371	275	90%
RTS_R4_-_486	RNAP_peak_-_540	1716721	1717671	1000	90%	1716721	1717671	1000	90%	1716721	1717696	1025	90%	1716721	1717696	1025	90%
RTS_R4_-_487	RNAP_peak_-_541	1718421	1718896	525	100%	1718421	1718896	525	100%	1718421	1718971	600	96%	1718421	1718971	600	96%
RTS_R4_-_488	RNAP_peak_-_542									1720521	1721096	625	63%	1720521	1721096	625	63%
RTS_R4_-_489	RNAP_peak_-_543	1721996	1722671	725	82%	1721871	1722671	850	79%	1721871	1722696	875	82%	1721871	1722696	875	82%
RTS_R4_-_490	RNAP_peak_-_544	1722721	1723721	1050	93%	1722721	1723721	1050	93%	1722721	1723721	1050	98%	1722721	1723721	1050	98%
RTS_R4_-_491	RNAP_peak_-_545	1723796	1723921	175	100%	1723796	1723946	200	100%	1723796	1724021	275	80%	1723796	1724021	275	80%
RTS_R4_-_492	RNAP_peak_-_546	1731765	1732265	550	100%	1731765	1732315	600	100%	1731765	1732315	600	100%	1731765	1732315	600	100%
RTS_R4_-_493	RNAP_peak_-_547	1734490	1735315	875	65%	1734490	1735315	875	65%	1734490	1735315	875	68%	1734490	1735315	875	68%
RTS_R4_-_494	RNAP_peak_-_548	1735490	1735590	150	100%	1735490	1735590	150	100%	1735490	1735615	175	100%	1735490	1735615	175	100%
RTS_R4_-_495	RNAP_peak_-_549	1736940	1737815	925	50%	1736815	1737815	1050	54%	1736815	1737890	1125	52%	1736815	1737890	1125	52%
RTS_R4_-_496	RNAP_peak_-_550	1740640	1741440	850	100%	1740640	1741440	850	100%	1740615	1741440	875	100%	1740615	1741440	875	100%
RTS_R4_-_497	RNAP_peak_-_551	1742740	1744215	1525	90%	1742490	1744390	1950	86%	1742490	1744390	1950	86%	1742490	1744390	1950	86%
RTS_R4_-_498	RNAP_peak_-_552					1747540	1752615	5125	15%	1747540	1752615	5125	19%	1747540	1752615	5125	20%
RTS_R4_-_499	RNAP_peak_-_553	1752990	1753165	225	88%	1752990	1753165	225	88%	1752990	1753165	225	88%	1752990	1753165	225	88%
RTS_R4_-_500	RNAP_peak_-_554	1755065	1755365	350	46%	1755065	1755365	350	46%	1755065	1755365	350	46%	1755065	1755390	375	57%
RTS_R4_-_501	RNAP_peak_-_555	1755740	1756865	1175	96%	1755740	1756865	1175	96%	1755740	1756865	1175	100%	1755740	1756865	1175	100%
RTS_R4_-_502	RNAP_peak_-_556	1756965	1762495	5580	96%	1756965	1762495	5580	96%	1756965	1762495	5580	100%	1756965	1762495	5580	100%
RTS_R4_-_503	RNAP_peak_-_557	1762745	1762920	225	100%	1762745	1762920	225	100%	1762745	1762920	225	100%	1762745	1762920	225	100%
RTS_R4_-_504	RNAP_peak_-_558	1762945	1763195	300	91%	1762945	1763195	300	91%	1762945	1763195	300	91%	1762945	1763195	300	91%
RTS_R4_-_505	RNAP_peak_-_559	1763245	1766920	3725	100%	1763245	1766920	3725	100%	1763245	1766920	3725	100%	1763245	1766920	3725	100%
RTS_R4_-_506	RNAP_peak_-_560					1776895	1777345	500	16%	1776220	1777370	1200	9%	1776220	1777370	1200	26%
RTS_R4_-_507	RNAP_peak_-_561	1782772	1785147	2425	100%	1782772	1785147	2425	100%	1782772	1785147	2425	100%	1782772	1785147	2425	100%
RTS_R4_-_508	RNAP_peak_-_562	1787572	1789247	1725	90%	1787572	1789247	1725	90%	1787272	1789247	2025	84%	1787272	1789247	2025	84%
RTS_R4_-_509	RNAP_peak_-_563	1789422	1790172	800	71%	1789422	1790172	800	71%	1789422	1790172	800	74%	1789422	1790172	800	77%
RTS_R4_-_510	RNAP_peak_-_564	1790272	1790822	600	100%	1790272	1790822	600	100%	1790272	1790822	600	100%	1790272	1790822	600	100%
RTS_R4_-_511	RNAP_peak_-_565	1790847	1792272	1475	100%	1790847	1792272	1475	100%	1790847	1792272	1475	100%	1790847	1792272	1475	100%
RTS_R4_-_512	RNAP_peak_-_566	1792297	1793172	925	83%	1792297	1793172	925	83%	1792297	1793172	925	86%	1792297	1793172	925	86%
RTS_R4_-_513	RNAP_peak_-_567	1793297	1793672	425	100%	1793272	1793672	450	100%	1793272	1793672	450	100%	1793272	1793672	450	100%
RTS_R4_-_514	RNAP_peak_-_568	1793697	1797272	3625	99%	1793697	1797272	3625	99%	1793697	1797272	3625	99%	1793697	1797272	3625	99%
RTS_R4_-_515	RNAP_peak_-_569	1797347	1797772	475	100%	1797347	1797772	475	100%	1797347	1797772	475	100%	1797347	1797772	475	100%
RTS_R4_-_516	RNAP_peak_-_570	1797797	1798072	325	100%	1797797	1798072	325	100%	1797797	1798072	325	100%	1797797	1798072	325	100%
RTS_R4_-_517	RNAP_peak_-_571	1798097	1798697	650	100%	1798097	1798697	650	100%	1798097	1798697	650	100%	1798097	1798697	650	100%
RTS_R4_-_518	RNAP_peak_-_572	1798722	1800797	2125	100%	1798722	1800797	2125	100%	1798722	1800797	2125	100%	1798722	1800797	2125	100%

RTS_R4_-_519	RNAP_peak_-_573	1803397	1804172	825	97%	1803397	1804172	825	97%	1803397	1804172	825	97%	1803397	1804172	825	97%
RTS_R4_-_520	RNAP_peak_-_574	1806422	1807347	975	79%	1806422	1807347	975	79%	1806422	1807347	975	79%	1806422	1807347	975	82%
RTS_R4_-_521	RNAP_peak_-_576	1811554	1811679	175	100%	1811554	1811679	175	100%	1811554	1811679	175	100%	1811554	1811679	175	100%
RTS_R4_-_522	RNAP_peak_-_577	1814204	1815354	1200	47%	1814204	1815354	1200	47%	1814179	1815354	1225	48%	1814179	1815354	1225	52%
RTS_R4_-_523	RNAP_peak_-_578	1816054	1819735	3731	21%	1815704	1819735	4081	22%	1815704	1819735	4081	25%	1815554	1819735	4231	28%
RTS_R4_-_524	RNAP_peak_-_579	1819910	1820285	425	100%	1819910	1820285	425	100%	1819910	1820285	425	100%	1819910	1820285	425	100%
RTS_R4_-_525	RNAP_peak_-_580					1822535	1822960	475	22%	1822535	1822960	475	22%	1822535	1822960	475	28%
RTS_R4_-_526	RNAP_peak_-_581	1823260	1823685	475	78%	1823210	1823685	525	100%	1823110	1823685	625	96%	1823110	1823735	675	96%
RTS_R4_-_527	RNAP_peak_-_582	1824835	1829985	5200	13%	1824835	1829985	5200	13%	1824085	1830010	5975	97%	1824085	1830010	5975	98%
RTS_R4_-_528	RNAP_peak_-_583	1831710	1832085	425	31%	1831585	1832085	550	38%	1831185	1832185	1050	44%	1831185	1832185	1050	46%
RTS_R4_-_529	RNAP_peak_-_584	1838860	1839435	625	58%	1838860	1839435	625	58%	1838860	1839435	625	58%	1838860	1839435	625	63%
RTS_R4_-_530	RNAP_peak_-_585									1839860	1840210	400	40%	1839860	1840210	400	40%
RTS_R4_-_531	RNAP_peak_-_586					1841910	1841960	100	100%	1841910	1841960	100	100%	1841910	1841960	100	100%
RTS_R4_-_532	RNAP_peak_-_588	1843035	1846235	3250	99%	1843035	1846235	3250	99%	1843035	1846235	3250	99%	1843035	1846235	3250	99%
RTS_R4_-_533	RNAP_peak_-_589	1846260	1846710	500	100%	1846260	1846710	500	100%	1846260	1846710	500	100%	1846260	1846710	500	100%
RTS_R4_-_534	RNAP_peak_-_591	1852260	1852885	675	62%	1852260	1852885	675	62%	1852260	1852885	675	62%	1852260	1852885	675	62%
RTS_R4_-_535	RNAP_peak_-_593	1859660	1860460	850	100%	1859660	1860460	850	100%	1859660	1860460	850	100%	1859660	1860460	850	100%
RTS_R4_-_536	RNAP_peak_-_594	1862935	1863685	800	61%	1862935	1863685	800	61%	1862810	1863685	925	56%	1862810	1863685	925	56%
RTS_R4_-_537	RNAP_peak_-_595	1863735	1864510	825	100%	1863735	1864510	825	100%	1863735	1864643	958	100%	1863735	1864643	958	100%
RTS_R4_-_538	RNAP_peak_-_596	1872793	1873593	850	70%	1872793	1873593	850	70%	1872793	1873593	850	70%	1872793	1873593	850	70%
RTS_R4_-_539	RNAP_peak_-_597	1875268	1875543	325	92%	1875268	1875543	325	92%	1875193	1875543	400	87%	1875193	1875543	400	87%
RTS_R4_-_540	RNAP_peak_-_598	1877043	1877293	300	100%	1876943	1877293	400	80%	1876893	1877293	450	82%	1876893	1877293	450	88%
RTS_R4_-_541	RNAP_peak_-_599					1877343	1877643	350	62%	1877343	1877643	350	62%	1877343	1877643	350	62%
RTS_R4_-_542	RNAP_peak_-_600					1878168	1878793	675	35%	1878168	1878793	675	35%	1878168	1878793	675	35%
RTS_R4_-_543	RNAP_peak_-_601	1878968	1879843	925	81%	1878968	1879843	925	81%	1878968	1879843	925	81%	1878968	1879843	925	89%
RTS_R4_-_544	RNAP_peak_-_602	1884968	1886018	1100	84%	1884968	1886018	1100	84%	1884968	1886018	1100	84%	1884968	1886018	1100	84%
RTS_R4_-_545	RNAP_peak_-_604	1886068	1887918	1900	72%	1886068	1887918	1900	72%	1886068	1887918	1900	96%	1886068	1887918	1900	96%
RTS_R4_-_546	RNAP_peak_-_605	1888043	1888568	575	95%	1888043	1888568	575	95%	1888043	1888568	575	95%	1888043	1888568	575	95%
RTS_R4_-_547	RNAP_peak_-_606	1888593	1889293	750	97%	1888593	1889293	750	97%	1888593	1889293	750	97%	1888593	1889293	750	97%
RTS_R4_-_548	RNAP_peak_-_607	1889368	1891243	1925	79%	1889368	1891243	1925	79%	1889368	1891243	1925	79%	1889368	1891243	1925	79%
RTS_R4_-_549	RNAP_peak_-_608	1892593	1892843	300	100%	1892493	1892843	400	80%	1892493	1892843	400	80%	1892493	1892843	400	80%
RTS_R4_-_550	RNAP_peak_-_609	1892893	1893445	602	65%	1892893	1893470	627	71%	1892893	1893520	677	69%	1892893	1893520	677	69%
RTS_R4_-_551	RNAP_peak_-_610									1896370	1896445	125	75%	1896370	1896470	150	80%
RTS_R4_-_552	RNAP_peak_-_611	1898070	1899770	1750	94%	1898070	1899770	1750	94%	1898070	1899770	1750	94%	1898070	1899770	1750	94%
RTS_R4_-_553	RNAP_peak_-_612	1904370	1905145	825	97%	1904370	1905145	825	97%	1904370	1905145	825	97%	1904370	1905145	825	100%
RTS_R4_-_554	RNAP_peak_-_613	1905195	1905795	650	100%	1905195	1905795	650	100%	1905195	1905795	650	100%	1905195	1905795	650	100%
RTS_R4_-_555	RNAP_peak_-_614	1906345	1906795	500	95%	1906195	1906795	650	84%	1906195	1906795	650	84%	1906195	1906795	650	84%
RTS_R4_-_556	RNAP_peak_-_615	1907195	1908120	975	92%	1907070	1908245	1225	79%	1907070	1908245	1225	79%	1907070	1908245	1225	83%
RTS_R4_-_557	RNAP_peak_-_616	1909720	1910745	1075	98%	1909720	1910745	1075	100%	1909720	1910745	1075	100%	1909720	1910745	1075	100%
RTS_R4_-_558	RNAP_peak_-_617	1910795	1913720	2975	100%	1910795	1913720	2975	100%	1910795	1913720	2975	100%	1910795	1913720	2975	100%
RTS_R4_-_559	RNAP_peak_-_618	1913745	1914170	475	100%	1913745	1914170	475	100%	1913745	1914170	475	100%	1913745	1914170	475	100%
RTS_R4_-_560	RNAP_peak_-_619					1920121	1921046	975	55%	1920121	1921046	975	55%	1920121	1921046	975	55%
RTS_R4_-_561	RNAP_peak_-_620					1921121	1921246	175	50%	1921121	1921246	175	83%	1921121	1921246	175	83%
RTS_R4_-_562	RNAP_peak_-_621	1921421	1922996	1625	100%	1921421	1922996	1625	100%	1921421	1922996	1625	100%	1921421	1922996	1625	100%
RTS_R4_-_563	RNAP_peak_-_622	1923121	1923296	225	100%	1923046	1923296	300	100%	1923046	1923296	300	100%	1923046	1923321	325	100%
RTS_R4_-_564	RNAP_peak_-_623	1924971	1926871	1950	69%	1924971	1926921	2000	68%	1924971	1926921	2000	68%	1924971	1926921	2000	77%

RTS_R4_-_565	RNAP_peak_-_624	1927146	1927721	625	92%	1927096	1927721	675	100%	1927096	1927721	675	100%	1927096	1927721	675	100%
RTS_R4_-_566	RNAP_peak_-_625	1927971	1928421	500	100%	1927971	1928421	500	100%	1927846	1928421	625	83%	1927846	1928421	625	92%
RTS_R4_-_567	RNAP_peak_-_626	1928446	1928771	375	100%	1928446	1928771	375	100%	1928446	1928771	375	100%	1928446	1928771	375	100%
RTS_R4_-_568	RNAP_peak_-_627	1930146	1931121	1025	100%	1930146	1931121	1025	100%	1930146	1931121	1025	100%	1930146	1931121	1025	100%
RTS_R4_-_569	RNAP_peak_-_628	1931171	1932671	1550	100%	1931171	1932671	1550	100%	1931171	1932671	1550	100%	1931171	1932671	1550	100%
RTS_R4_-_570	RNAP_peak_-_629	1932896	1934499	1653	100%	1932896	1934499	1653	100%	1932896	1934499	1653	100%	1932896	1934499	1653	100%
RTS_R4_-_571	RNAP_peak_-_630	1937274	1938249	1025	100%	1937274	1938249	1025	100%	1937274	1938249	1025	100%	1937274	1938249	1025	100%
RTS_R4_-_572	RNAP_peak_-_631	1938349	1940624	2325	100%	1938349	1940624	2325	100%	1938349	1940624	2325	100%	1938349	1940624	2325	100%
RTS_R4_-_573	RNAP_peak_-_632	1942374	1943999	1675	100%	1942374	1943999	1675	100%	1942374	1944099	1775	96%	1942374	1944099	1775	96%
RTS_R4_-_574	RNAP_peak_-_633	1944899	1945274	425	100%	1944899	1945274	425	100%	1944724	1945274	600	74%	1944724	1945274	600	74%
RTS_R4_-_575	RNAP_peak_-_634	1945324	1948799	3525	100%	1945324	1948799	3525	100%	1945324	1948799	3525	100%	1945324	1948824	3550	100%
RTS_R4_-_576		1953049	1954599	1600	6%	1953049	1955399	2400	15%	1952624	1955399	2825	17%	1952624	1955399	2825	18%
RTS_R4_-_577	RNAP_peak_-_635	1956499	1957924	1475	98%	1956499	1957924	1475	98%	1956499	1957924	1475	98%	1956499	1957924	1475	98%
RTS_R4_-_578	RNAP_peak_-_636	1961274	1965924	4700	9%	1961274	1970699	9475	10%	1961274	1970699	9475	11%	1961274	1970699	9475	12%
RTS_R4_-_579	RNAP_peak_-_637					1972574	1975149	2625	29%	1972574	1975149	2625	29%	1972574	1975149	2625	30%
RTS_R4_-_580	RNAP_peak_-_638	1975324	1976374	1100	95%	1975224	1976374	1200	94%	1975224	1976374	1200	94%	1975224	1976474	1300	90%
RTS_R4_-_581	RNAP_peak_-_639	1976649	1977274	675	77%	1976549	1977274	775	80%	1976549	1977274	775	83%	1976549	1977274	775	83%
RTS_R4_-_582	RNAP_peak_-_640	1978174	1979699	1575	98%	1978174	1979699	1575	98%	1978174	1979699	1575	100%	1978049	1979699	1700	94%
RTS_R4_-_583	RNAP_peak_-_641	1979724	1980424	750	100%	1979724	1980424	750	100%	1979724	1980424	750	100%	1979724	1980449	775	100%
RTS_R4_-_584	RNAP_peak_-_642					1980724	1981999	1325	29%	1980549	1982049	1550	93%	1980549	1982049	1550	93%
RTS_R4_-_585	RNAP_peak_-_643					1982124	1984152	2078	13%	1982074	1984202	2178	92%	1982074	1984202	2178	92%
RTS_R4_-_586	RNAP_peak_-_644	1985552	1985852	350	100%	1985552	1985852	350	100%	1985552	1985852	350	100%	1985552	1985852	350	100%
RTS_R4_-_587	RNAP_peak_-_645	1985902	1986002	150	100%	1985902	1986002	150	100%	1985902	1986027	175	100%	1985902	1986027	175	100%
RTS_R4_-_588	RNAP_peak_-_646					1987277	1987502	275	70%	1987277	1987502	275	100%	1987277	1987502	275	100%
RTS_R4_-_589	RNAP_peak_-_647	1988852	1989752	950	92%	1988852	1989752	950	92%	1988727	1989752	1075	83%	1988727	1989752	1075	83%
RTS_R4_-_590	RNAP_peak_-_648	1989802	1990077	325	100%	1989802	1990077	325	100%	1989802	1990077	325	100%	1989802	1990077	325	100%
RTS_R4_-_591	RNAP_peak_-_649	1990102	1990852	800	100%	1990102	1990852	800	100%	1990102	1990852	800	100%	1990102	1990852	800	100%
RTS_R4_-_592	RNAP_peak_-_650	1990977	1993403	2476	99%	1990977	1993403	2476	99%	1990977	1993403	2476	99%	1990977	1993403	2476	100%
RTS_R4_-_593	RNAP_peak_-_651	1994280	1994855	625	58%	1994230	1994855	675	65%	1994180	1994855	725	79%	1994180	1994855	725	79%
RTS_R4_-_594	RNAP_peak_-_652	1995180	1996530	1400	98%	1995180	1996530	1400	98%	1995105	1996530	1475	97%	1995105	1996530	1475	97%
RTS_R4_-_595	RNAP_peak_-_653	1996555	1997555	1050	100%	1996555	1997555	1050	100%	1996555	1997555	1050	100%	1996555	1997555	1050	100%
RTS_R4_-_596	RNAP_peak_-_654	1997580	1998505	975	100%	1997580	1998505	975	100%	1997580	1998505	975	100%	1997580	1998580	1050	95%
RTS_R4_-_597	RNAP_peak_-_655					1999055	1999805	800	23%	1998855	1999805	1000	21%	1998855	1999805	1000	23%
RTS_R4_-_598	RNAP_peak_-_656	1999988	2001013	1075	67%	1999963	2001688	1775	94%	1999963	2001688	1775	99%	1999963	2001688	1775	99%
RTS_R4_-_599	RNAP_peak_-_657	2005698	2006123	475	100%	2005698	2006148	500	100%	2005698	2006198	550	100%	2005698	2006198	550	100%
RTS_R4_-_600	RNAP_peak_-_660	2022677	2022852	225	88%	2022677	2023002	375	57%	2022677	2023002	375	57%	2022677	2023002	375	64%
RTS_R4_-_601	RNAP_peak_-_661	2023277	2023377	150	60%	2023277	2023377	150	60%	2023277	2023377	150	60%	2023277	2023377	150	60%
RTS_R4_-_602	RNAP_peak_-_662	2024277	2026152	1925	62%	2024277	2026152	1925	62%	2024277	2026152	1925	74%	2024277	2026152	1925	76%
RTS_R4_-_603	RNAP_peak_-_663	2026202	2027377	1225	100%	2026202	2027377	1225	100%	2026202	2027377	1225	100%	2026202	2027377	1225	100%
RTS_R4_-_604	RNAP_peak_-_664	2028377	2030327	2000	84%	2028377	2030327	2000	84%	2028377	2030327	2000	84%	2028377	2030327	2000	84%
RTS_R4_-_605	RNAP_peak_-_665	2030377	2031452	1125	100%	2030377	2031452	1125	100%	2030377	2031452	1125	100%	2030377	2031452	1125	100%
RTS_R4_-_606	RNAP_peak_-_666	2034852	2036802	2000	49%	2034852	2036802	2000	49%	2034852	2036802	2000	49%	2034852	2036802	2000	49%
RTS_R4_-_607	RNAP_peak_-_667									2038577	2039252	725	39%	2038577	2039327	800	48%
RTS_R4_-_608	RNAP_peak_-_668	2041462	2041564	152	100%	2041462	2041564	152	100%	2041462	2041564	152	100%	2041462	2041564	152	100%
RTS_R4_-_609	RNAP_peak_-_669									2050339	2051589	1300	16%	2050339	2051589	1300	16%
RTS_R4_-_610	RNAP_peak_-_670	2056055	2056105	100	100%	2056055	2056105	100	100%	2056055	2056105	100	100%	2056055	2056105	100	100%

RTS_R4_-_611	RNAP_peak_-_671	2056480	2057680	1250	22%	2056355	2057680	1375	50%	2056305	2057680	1425	68%	2056305	2057859	1604	65%
RTS_R4_-_612	RNAP_peak_-_672	2058009	2058934	975	95%	2058009	2058934	975	95%	2058009	2058934	975	95%	2057984	2058984	1050	100%
RTS_R4_-_613	RNAP_peak_-_673													2059009	2060009	1050	100%
RTS_R4_-_614	RNAP_peak_-_674	2060534	2061359	875	76%	2060409	2061359	1000	79%	2060409	2061359	1000	82%	2060409	2061359	1000	95%
RTS_R4_-_615	RNAP_peak_-_675	2061409	2063984	2625	94%	2061409	2063984	2625	95%	2061409	2063984	2625	95%	2061409	2063984	2625	97%
RTS_R4_-_616	RNAP_peak_-_676					2064109	2064109	50	100%	2064109	2064109	50	100%	2064109	2064109	50	100%
RTS_R4_-_617	RNAP_peak_-_677	2064209	2065459	1300	100%	2064209	2065459	1300	100%	2064209	2065459	1300	100%	2064209	2065459	1300	100%
RTS_R4_-_618	RNAP_peak_-_678	2065534	2066484	1000	90%	2065509	2066484	1025	95%	2065509	2066484	1025	95%	2065509	2066484	1025	95%
RTS_R4_-_619	RNAP_peak_-_679	2066984	2068209	1275	100%	2066759	2068209	1500	86%	2066759	2068209	1500	86%	2066759	2068209	1500	88%
RTS_R4_-_620	RNAP_peak_-_680	2072436	2072736	350	46%	2072436	2072736	350	54%	2072436	2072736	350	54%	2072411	2072736	375	71%
RTS_R4_-_621	RNAP_peak_-_681	2075861	2075986	175	83%	2075861	2075986	175	83%	2075861	2075986	175	83%	2075861	2075986	175	83%
RTS_R4_-_622	RNAP_peak_-_682	2077061	2077586	575	100%	2077061	2077586	575	100%	2077061	2077586	575	100%	2077061	2077586	575	100%
RTS_R4_-_623	RNAP_peak_-_683	2077611	2079286	1725	71%	2077611	2079286	1725	71%	2077611	2079286	1725	76%	2077611	2079336	1775	80%
RTS_R4_-_624	RNAP_peak_-_684	2079586	2080286	750	45%	2079586	2080286	750	45%	2079436	2080286	900	51%	2079411	2080286	925	53%
RTS_R4_-_625	RNAP_peak_-_685	2082261	2083536	1325	98%	2082261	2083536	1325	98%	2082261	2083536	1325	98%	2082261	2083536	1325	98%
RTS_R4_-_626	RNAP_peak_-_686	2083736	2085261	1575	100%	2083736	2085261	1575	100%	2083736	2085286	1600	100%	2083736	2085286	1600	100%
RTS_R4_-_627	RNAP_peak_-_687	2085961	2087186	1275	90%	2085386	2087186	1850	78%	2085311	2087186	1925	100%	2085311	2087186	1925	100%
RTS_R4_-_628	RNAP_peak_-_688	2087236	2087836	650	88%	2087236	2087861	675	88%	2087236	2087861	675	88%	2087236	2087861	675	88%
RTS_R4_-_629	RNAP_peak_-_689	2095236	2096322	1136	93%	2095236	2096322	1136	93%	2095236	2096397	1211	89%	2095236	2096397	1211	89%
RTS_R4_-_630	RNAP_peak_-_690	2096497	2097722	1275	44%	2096497	2097722	1275	44%	2096497	2097722	1275	44%	2096497	2097722	1275	44%
RTS_R4_-_631	RNAP_peak_-_691	2097872	2099272	1450	100%	2097872	2099272	1450	100%	2097872	2099272	1450	100%	2097872	2099272	1450	100%
RTS_R4_-_632	RNAP_peak_-_692	2099297	2099722	475	100%	2099297	2099722	475	100%	2099297	2099722	475	100%	2099297	2099722	475	100%
RTS_R4_-_633	RNAP_peak_-_693	2099772	2100822	1100	100%	2099772	2100822	1100	100%	2099772	2100822	1100	100%	2099772	2100822	1100	100%
RTS_R4_-_634	RNAP_peak_-_694	2100847	2103222	2425	97%	2100847	2103222	2425	97%	2100847	2103222	2425	97%	2100847	2103222	2425	97%
RTS_R4_-_635	RNAP_peak_-_695	2103247	2106408	3211	96%	2103247	2106408	3211	96%	2103247	2106408	3211	96%	2103247	2106408	3211	97%
RTS_R4_-_636	RNAP_peak_-_696	2106458	2107883	1475	98%	2106458	2107883	1475	98%	2106458	2107883	1475	98%	2106458	2107883	1475	100%
RTS_R4_-_637	RNAP_peak_-_697	2107908	2109260	1402	100%	2107908	2109260	1402	100%	2107908	2109260	1402	100%	2107908	2109260	1402	100%
RTS_R4_-_638	RNAP_peak_-_698	2109285	2111360	2125	99%	2109285	2111360	2125	99%	2109285	2111360	2125	99%	2109285	2111360	2125	99%
RTS_R4_-_639	RNAP_peak_-_699	2111410	2112535	1175	100%	2111410	2112535	1175	100%	2111410	2112535	1175	100%	2111410	2112610	1250	96%
RTS_R4_-_640	RNAP_peak_-_701	2137791	2140266	2525	97%	2137791	2140266	2525	97%	2137791	2140266	2525	97%	2137791	2140266	2525	97%
RTS_R4_-_641	RNAP_peak_-_702	2140291	2140991	750	100%	2140291	2140991	750	100%	2140291	2140991	750	100%	2140291	2140991	750	100%
RTS_R4_-_642	RNAP_peak_-_703	2144891	2145466	625	54%	2144891	2145666	825	53%	2144716	2145666	1000	62%	2144716	2145666	1000	62%
RTS_R4_-_643	RNAP_peak_-_704									2147166	2148916	1800	7%	2147166	2148916	1800	8%
RTS_R4_-_644	RNAP_peak_-_706	2165366	2165541	225	100%	2165341	2165541	250	100%	2165341	2165541	250	100%	2165341	2165541	250	100%
RTS_R4_-_645	RNAP_peak_-_708					2167441	2168266	875	18%	2167441	2168266	875	18%	2167441	2168341	950	19%
RTS_R4_-_646	RNAP_peak_-_709	2169016	2169691	725	96%	2169016	2169691	725	96%	2169016	2169691	725	96%	2169016	2169691	725	96%
RTS_R4_-_647	RNAP_peak_-_710	2169716	2175241	5575	100%	2169716	2175241	5575	100%	2169716	2175241	5575	100%	2169716	2175241	5575	100%
RTS_R4_-_648	RNAP_peak_-_711	2175391	2176616	1275	100%	2175391	2176616	1275	100%	2175391	2176616	1275	100%	2175391	2176641	1300	100%
RTS_R4_-_649	RNAP_peak_-_712	2179991	2181016	1075	74%	2179991	2181016	1075	74%	2179991	2181016	1075	74%	2179991	2181016	1075	76%
RTS_R4_-_650	RNAP_peak_-_713	2181116	2183441	2375	86%	2181116	2183441	2375	87%	2181116	2183591	2525	86%	2181116	2183591	2525	86%
RTS_R4_-_651	RNAP_peak_-_714	2183641	2183816	225	88%	2183641	2183816	225	88%	2183641	2183816	225	88%	2183641	2183816	225	88%
RTS_R4_-_652	RNAP_peak_-_715					2186991	2190216	3275	7%	2185416	2190216	4850	5%	2185416	2190216	4850	5%
RTS_R4_-_653	RNAP_peak_-_716	2190616	2190866	300	100%	2190616	2190866	300	100%	2190591	2190866	325	100%	2190516	2190866	400	100%
RTS_R4_-_654	RNAP_peak_-_717	2191091	2192191	1150	100%	2191091	2192191	1150	100%	2191116	2192191	1125	100%	2191116	2192191	1125	100%
RTS_R4_-_655	RNAP_peak_-_718					2208866	2209191	375	71%	2208866	2209191	375	71%	2208866	2209191	375	71%
RTS_R4_-_656	RNAP_peak_-_719	2209866	2210216	400	93%	2209866	2210291	475	83%	2209866	2210291	475	83%	2209866	2210291	475	83%

RTS_R4_-_657	RNAP_peak_-_720	2210291	2212618	2377	60%	2210366	2212618	2302	60%	2210366	2212618	2302	60%	2210366	2212643	2327	64%
RTS_R4_-_658	RNAP_peak_-_721	2213718	2217568	3900	60%	2213718	2217668	4000	60%	2213718	2217668	4000	60%	2213718	2217668	4000	66%
RTS_R4_-_659	RNAP_peak_-_722	2217718	2220043	2375	100%	2217718	2220043	2375	100%	2217718	2220043	2375	100%	2217718	2220043	2375	100%
RTS_R4_-_660	RNAP_peak_-_723	2222018	2222943	975	100%	2221968	2222943	1025	97%	2221843	2222993	1200	89%	2221843	2222993	1200	89%
RTS_R4_-_661	RNAP_peak_-_724	2223118	2223568	500	42%	2223118	2223643	575	55%	2223043	2223668	675	100%	2223043	2223668	675	100%
RTS_R4_-_662	RNAP_peak_-_725	2224693	2225293	650	72%	2224518	2225293	825	72%	2224518	2225293	825	75%	2224518	2225293	825	91%
RTS_R4_-_663	RNAP_peak_-_727	2227268	2228393	1175	67%	2227268	2228393	1175	67%	2227268	2228393	1175	67%	2227268	2228393	1175	67%
RTS_R4_-_664	RNAP_peak_-_728	2234846	2236146	1350	75%	2234846	2236146	1350	75%	2234571	2236146	1625	66%	2234571	2236146	1625	66%
RTS_R4_-_665	RNAP_peak_-_729	2236246	2238571	2375	87%	2236246	2238571	2375	87%	2236246	2238671	2475	85%	2236246	2238671	2475	85%
RTS_R4_-_666	RNAP_peak_-_730	2239996	2241796	1850	95%	2239996	2241796	1850	95%	2238996	2241796	2850	64%	2238996	2241796	2850	64%
RTS_R4_-_667		2242871	2244946	2125	73%	2242871	2244946	2125	73%	2242696	2244946	2300	70%	2242671	2244946	2325	95%
RTS_R4_-_668	RNAP_peak_-_731	2245096	2246621	1575	100%	2245096	2246621	1575	100%	2245096	2246646	1600	100%	2245096	2246646	1600	100%
RTS_R4_-_669	RNAP_peak_-_732	2246746	2247621	925	75%	2246746	2247621	925	75%	2246746	2247621	925	75%	2246746	2247696	1000	74%
RTS_R4_-_670	RNAP_peak_-_733									2247746	2247921	225	63%	2247746	2247921	225	63%
RTS_R4_-_671	RNAP_peak_-_737	2257746	2261596	3900	94%	2257596	2261596	4050	99%	2257496	2261596	4150	98%	2257496	2261596	4150	98%
RTS_R4_-_672	RNAP_peak_-_739	2275346	2276446	1150	69%	2275071	2276446	1425	63%	2275071	2276446	1425	66%	2275071	2276446	1425	66%
RTS_R4_-_673	RNAP_peak_-_740	2276621	2278546	1975	92%	2276621	2278546	1975	92%	2276621	2278546	1975	92%	2276621	2278546	1975	92%
RTS_R4_-_674	RNAP_peak_-_741	2280897	2282022	1175	98%	2280897	2282072	1225	98%	2280897	2282072	1225	98%	2280897	2282072	1225	98%
RTS_R4_-_675	RNAP_peak_-_742	2284538	2286863	2375	70%	2284538	2286863	2375	72%	2284463	2286863	2450	73%	2284463	2286863	2450	79%
RTS_R4_-_676	RNAP_peak_-_743	2286938	2288113	1225	100%	2286938	2288113	1225	100%	2286938	2288113	1225	100%	2286938	2288113	1225	100%
RTS_R4_-_677	RNAP_peak_-_745	2289663	2295913	6300	37%	2289663	2295913	6300	38%	2289663	2295938	6325	38%	2289663	2295938	6325	38%
RTS_R4_-_678	RNAP_peak_-_746	2296288	2300813	4575	7%	2296163	2300813	4700	9%	2296163	2300813	4700	10%	2296163	2300938	4825	10%
RTS_R4_-_679	RNAP_peak_-_747	2302463	2304825	2412	96%	2302463	2304825	2412	96%	2302463	2304825	2412	96%	2302463	2304825	2412	96%
RTS_R4_-_680	RNAP_peak_-_748	2305050	2306650	1650	97%	2305050	2306650	1650	97%	2305050	2306825	1825	90%	2305050	2306825	1825	90%
RTS_R4_-_681	RNAP_peak_-_749	2307000	2308700	1750	35%	2307000	2308575	1625	36%	2307000	2308575	1625	86%	2307000	2308575	1625	86%
RTS_R4_-_682	RNAP_peak_-_750	2309250	2310875	1675	86%	2308700	2311000	2350	65%	2308700	2311000	2350	65%	2308700	2311000	2350	66%
RTS_R4_-_683	RNAP_peak_-_751	2314775	2317900	3175	88%	2314775	2318100	3375	84%	2314775	2318100	3375	87%	2314775	2318100	3375	87%
RTS_R4_-_684	RNAP_peak_-_753	2334825	2337450	2675	100%	2334825	2337450	2675	100%	2334825	2337450	2675	100%	2334825	2337450	2675	100%
RTS_R4_-_685	RNAP_peak_-_754	2338700	2339925	1275	52%	2338575	2339925	1400	51%	2338575	2339925	1400	53%	2338575	2339925	1400	53%
RTS_R4_-_686	RNAP_peak_-_757	2346900	2347500	650	84%	2346900	2347500	650	84%	2346875	2347500	675	85%	2346875	2347500	675	88%
RTS_R4_-_687		2347950	2350078	2178	43%	2347950	2350078	2178	48%	2347900	2350078	2228	50%	2347900	2350078	2228	55%
RTS_R4_-_688						2356204	2357629	1475	17%	2356204	2360154	4000	15%	2356204	2360154	4000	16%
RTS_R4_-_689	RNAP_peak_-_758	2360479	2361679	1250	76%	2360479	2361679	1250	76%	2360479	2361679	1250	76%	2360479	2361679	1250	78%
RTS_R4_-_690	RNAP_peak_-_759	2361979	2362304	375	100%	2361979	2362304	375	100%	2361879	2362304	475	83%	2361879	2362304	475	83%
RTS_R4_-_691	RNAP_peak_-_761	2371229	2371554	375	93%	2370879	2371554	725	100%	2370879	2371554	725	100%	2370879	2371554	725	100%
RTS_R4_-_692	RNAP_peak_-_762	2371654	2375004	3400	84%	2371654	2375004	3400	84%	2371654	2375004	3400	84%	2371654	2375004	3400	85%
RTS_R4_-_693	RNAP_peak_-_763	2375129	2378679	3600	85%	2375129	2378679	3600	85%	2375129	2378679	3600	85%	2375129	2378679	3600	85%
RTS_R4_-_694	RNAP_peak_-_764	2378729	2379154	475	94%	2378729	2379154	475	94%	2378729	2379154	475	94%	2378704	2379154	500	95%
RTS_R4_-_695	RNAP_peak_-_765	2379204	2379554	400	100%	2379204	2379554	400	100%	2379204	2379554	400	100%	2379179	2379554	425	100%
RTS_R4_-_696	RNAP_peak_-_766													2382530	2383755	1275	20%
RTS_R4_-_697	RNAP_peak_-_768	2387905	2403505	15650	99%	2387905	2403505	15650	99%	2387905	2403505	15650	100%	2387905	2403505	15650	100%
RTS_R4_-_698	RNAP_peak_-_769	2403697	2404997	1350	91%	2403697	2405022	1375	96%	2403697	2405022	1375	96%	2403697	2405097	1450	93%
RTS_R4_-_699	RNAP_peak_-_770	2407772	2409097	1375	22%	2407772	2409097	1375	26%	2407547	2409097	1600	25%	2407547	2409372	1875	50%
RTS_R4_-_700	RNAP_peak_-_771	2409472	2410647	1225	100%	2409472	2410647	1225	100%	2409472	2410647	1225	100%	2409472	2410647	1225	100%
RTS_R4_-_701	RNAP_peak_-_772	2410697	2411772	1125	91%	2410697	2411772	1125	95%	2410697	2411772	1125	100%	2410697	2411772	1125	100%
RTS_R4_-_702	RNAP_peak_-_773	2416672	2417847	1225	100%	2416672	2417847	1225	100%	2416672	2417847	1225	100%	2416672	2417847	1225	100%

RTS_R4_-_703	RNAP_peak_-_774	2417897	2418497	650	84%	2417897	2418547	700	85%	2417897	2418547	700	85%	2417897	2418547	700	85%
RTS_R4_-_704	RNAP_peak_-_775	2420697	2421147	500	37%	2420672	2421222	600	61%	2420672	2421297	675	65%	2420672	2421297	675	73%
RTS_R4_-_705	RNAP_peak_-_776	2421497	2424897	3450	94%	2421497	2424897	3450	94%	2421497	2424897	3450	94%	2421497	2424897	3450	98%
RTS_R4_-_706	RNAP_peak_-_777	2424972	2425922	1000	100%	2424972	2425922	1000	100%	2424972	2425922	1000	100%	2424972	2425922	1050	100%
RTS_R4_-_707	RNAP_peak_-_778	2426172	2428672	2550	99%	2426172	2428672	2550	99%	2426172	2428672	2550	99%	2426172	2428672	2550	99%
RTS_R4_-_708	RNAP_peak_-_779	2428697	2429672	1025	95%	2428697	2429672	1025	95%	2428697	2429672	1025	95%	2428697	2429672	1025	95%
RTS_R4_-_709	RNAP_peak_-_780	2429697	2432122	2475	100%	2429697	2432122	2475	100%	2429697	2432122	2475	100%	2429697	2432122	2475	100%
RTS_R4_-_710	RNAP_peak_-_781	2432147	2433397	1300	100%	2432147	2433397	1300	100%	2432147	2433397	1300	100%	2432147	2433397	1300	100%
RTS_R4_-_711	RNAP_peak_-_782	2433422	2435247	1875	100%	2433422	2435247	1875	100%	2433422	2435247	1875	100%	2433422	2435247	1875	100%
RTS_R4_-_712	RNAP_peak_-_783	2435272	2435872	650	100%	2435272	2435872	650	100%	2435272	2435872	650	100%	2435272	2435872	650	100%
RTS_R4_-_713	RNAP_peak_-_785	2438347	2439647	1350	100%	2438347	2439647	1350	100%	2438347	2439722	1425	96%	2438347	2439722	1425	96%
RTS_R4_-_714	RNAP_peak_-_786	2441747	2442447	750	100%	2441747	2442447	750	100%	2441747	2442447	750	100%	2441747	2442447	750	100%
RTS_R4_-_715	RNAP_peak_-_787	2442472	2446473	4051	100%	2442472	2446473	4051	100%	2442472	2446473	4051	100%	2442472	2446473	4051	100%
RTS_R4_-_716	RNAP_peak_-_788	2447248	2447673	475	89%	2447148	2447798	700	81%	2447073	2448048	1025	82%	2447073	2448048	1025	82%
RTS_R4_-_717	RNAP_peak_-_789	2452448	2452698	300	73%	2452323	2452698	425	81%	2452323	2452698	425	81%	2452323	2452698	425	81%
RTS_R4_-_718	RNAP_peak_-_791	2454348	2454848	550	100%	2454348	2454848	550	100%	2454348	2454848	550	100%	2454348	2454848	550	100%
RTS_R4_-_719	RNAP_peak_-_792	2454898	2458473	3625	63%	2454898	2458473	3625	63%	2454898	2458500	3652	94%	2454898	2458500	3652	94%
RTS_R4_-_720	RNAP_peak_-_793	2458675	2459125	500	89%	2458675	2459125	500	95%	2458675	2459250	625	96%	2458675	2459250	625	96%
RTS_R4_-_721	RNAP_peak_-_794	2462328	2463178	900	100%	2462328	2463178	900	100%	2462328	2463178	900	100%	2462328	2463203	925	100%
RTS_R4_-_722	RNAP_peak_-_795	2468553	2468678	175	100%	2468553	2468678	175	100%	2468553	2468678	175	100%	2468553	2468678	175	100%
RTS_R4_-_723	RNAP_peak_-_797	2474928	2475628	750	41%	2474928	2475628	750	41%	2474803	2475628	875	41%	2474803	2475628	875	41%
RTS_R4_-_724	RNAP_peak_-_799					2485904	2486279	425	13%	2485679	2486379	750	52%	2485679	2486379	750	52%
RTS_R4_-_725	RNAP_peak_-_803	2493054	2493329	325	100%	2492854	2493329	525	70%	2492854	2493329	525	90%	2492854	2493329	525	90%
RTS_R4_-_726	RNAP_peak_-_805	2495129	2496354	1275	100%	2495129	2496354	1275	100%	2495129	2496354	1275	100%	2495129	2496354	1275	100%
RTS_R4_-_727	RNAP_peak_-_806	2506554	2508004	1500	90%	2506554	2508054	1550	97%	2506554	2508054	1550	97%	2506554	2508054	1550	97%
RTS_R4_-_728	RNAP_peak_-_807	2509479	2510854	1425	95%	2509479	2510854	1425	95%	2509479	2510854	1425	100%	2509479	2510854	1425	100%
RTS_R4_-_729	RNAP_peak_-_808	2513304	2516004	2750	73%	2513304	2516004	2750	73%	2513104	2516004	2950	75%	2513104	2516004	2950	75%
RTS_R4_-_730	RNAP_peak_-_809	2516054	2516254	250	100%	2516054	2516254	250	100%	2516054	2516254	250	100%	2516054	2516254	250	100%
RTS_R4_-_731	RNAP_peak_-_810	2517329	2518779	1500	100%	2517329	2518779	1500	100%	2517329	2518779	1500	100%	2517329	2518779	1500	100%
RTS_R4_-_732	RNAP_peak_-_811	2519754	2520354	650	48%	2519754	2520354	650	60%	2519754	2520354	650	60%	2519754	2520429	725	61%
RTS_R4_-_733	RNAP_peak_-_812	2524481	2524806	375	57%	2524481	2524806	375	64%	2524481	2524806	375	64%	2524481	2524806	375	64%
RTS_R4_-_734	RNAP_peak_-_813	2526156	2528231	2125	99%	2526156	2528231	2125	99%	2526156	2528231	2125	99%	2526156	2528231	2125	99%
RTS_R4_-_735	RNAP_peak_-_814	2528256	2529281	1075	100%	2528256	2529281	1075	100%	2528256	2529281	1075	100%	2528256	2529281	1075	100%
RTS_R4_-_736	RNAP_peak_-_815	2534481	2535306	875	100%	2534481	2535306	875	100%	2534481	2535306	875	100%	2534456	2535306	900	100%
RTS_R4_-_737	RNAP_peak_-_816	2536106	2541558	5502	99%	2536106	2541558	5502	99%	2536106	2541558	5502	99%	2536106	2541558	5502	99%
RTS_R4_-_738	RNAP_peak_-_817	2541935	2542660	775	97%	2541935	2542660	775	97%	2541860	2542660	850	97%	2541710	2542660	1000	85%
RTS_R4_-_739						2542960	2543635	725	7%	2542960	2543635	725	7%	2542960	2543635	725	11%
RTS_R4_-_740	RNAP_peak_-_818	2547485	2548785	1350	94%	2547485	2548785	1350	94%	2547485	2548785	1350	94%	2547485	2548785	1350	96%
RTS_R4_-_741	RNAP_peak_-_819	2548810	2550160	1400	100%	2548810	2550160	1400	100%	2548810	2550160	1400	100%	2548810	2550160	1400	100%
RTS_R4_-_742	RNAP_peak_-_820	2552460	2556810	4400	73%	2552460	2556810	4400	73%	2552260	2556910	4700	70%	2552260	2556910	4700	70%
RTS_R4_-_743	RNAP_peak_-_821					2558985	2559036	101	100%	2558985	2559061	126	100%	2558985	2559061	126	100%
RTS_R4_-_744	RNAP_peak_-_824	2574112	2576512	2450	100%	2574112	2576512	2450	100%	2574112	2576512	2450	100%	2574112	2576512	2450	100%
RTS_R4_-_745	RNAP_peak_-_825	2580637	2580812	225	25%	2579912	2580812	950	38%	2579912	2580812	950	38%	2579912	2580812	950	38%
RTS_R4_-_746	RNAP_peak_-_826	2580987	2581487	550	81%	2580987	2581487	550	81%	2580987	2581487	550	81%	2580987	2581487	550	81%
RTS_R4_-_747	RNAP_peak_-_828	2588788	2588938	200	71%	2588788	2589038	300	64%	2588763	2589063	350	100%	2588763	2589063	350	100%
RTS_R4_-_748	RNAP_peak_-_829	2591238	2591863	675	88%	2591238	2591863	675	88%	2591113	2591863	800	77%	2591113	2591863	800	84%

RTS_R4_-_749	RNAP_peak_-_830	2591913	2594863	3000	95%	2591913	2594863	3000	95%	2591913	2594863	3000	95%	2591913	2594863	3000	95%
RTS_R4_-_750	RNAP_peak_-_831	2594913	2595788	925	100%	2594913	2595788	925	100%	2594913	2595788	925	100%	2594913	2595788	925	100%
RTS_R4_-_751	RNAP_peak_-_832	2595813	2597813	2050	100%	2595813	2597813	2050	100%	2595813	2597813	2050	100%	2595813	2597813	2050	100%
RTS_R4_-_752	RNAP_peak_-_833	2612490	2613915	1475	86%	2612490	2613915	1475	86%	2612490	2613915	1475	86%	2612440	2613915	1525	85%
RTS_R4_-_753	RNAP_peak_-_834	2616065	2616840	825	100%	2616065	2616840	825	100%	2616065	2616840	825	100%	2616065	2616840	825	100%
RTS_R4_-_754	RNAP_peak_-_835	2616890	2618215	1375	100%	2616890	2618215	1375	100%	2616890	2618215	1375	100%	2616890	2618215	1375	100%
RTS_R4_-_755	RNAP_peak_-_836	2618266	2618916	700	100%	2618266	2618916	700	100%	2618266	2618916	700	100%	2618266	2618916	700	100%
RTS_R4_-_756	RNAP_peak_-_838	2628978	2630778	1850	100%	2628978	2630778	1850	100%	2628978	2630778	1850	100%	2628978	2630778	1850	100%
RTS_R4_-_757	RNAP_peak_-_839	2630803	2632103	1350	100%	2630803	2632103	1350	100%	2630803	2632103	1350	100%	2630803	2632103	1350	100%
RTS_R4_-_758	RNAP_peak_-_840	2633728	2633828	150	100%	2633728	2633828	150	100%	2633728	2633828	150	100%	2633728	2633828	150	100%
RTS_R4_-_759	RNAP_peak_-_841	2633878	2635878	2050	99%	2633878	2635878	2050	99%	2633878	2635878	2050	99%	2633878	2635878	2050	99%
RTS_R4_-_760	RNAP_peak_-_842	2635903	2638754	2901	100%	2635903	2638754	2901	100%	2635903	2638754	2901	100%	2635903	2638754	2901	100%
RTS_R4_-_761	RNAP_peak_-_843	2638779	2640879	2150	100%	2638779	2640879	2150	100%	2638779	2640879	2150	100%	2638779	2640879	2150	100%
RTS_R4_-_762	RNAP_peak_-_844	2640904	2642504	1650	94%	2640904	2642504	1650	94%	2640904	2642504	1650	94%	2640904	2642504	1650	94%
RTS_R4_-_763	RNAP_peak_-_845	2642529	2642954	475	100%	2642529	2642954	475	100%	2642529	2642954	475	100%	2642529	2642954	475	100%
RTS_R4_-_764	RNAP_peak_-_846	2643079	2648855	5826	63%	2643079	2648855	5826	63%	2643079	2648855	5826	65%	2643079	2648855	5826	66%
RTS_R4_-_765	RNAP_peak_-_847	2648905	2650330	1475	98%	2648905	2650330	1475	98%	2648905	2650330	1475	100%	2648905	2650330	1475	100%
RTS_R4_-_766	RNAP_peak_-_848	2651410	2651460	100	100%	2651410	2651460	100	100%	2651410	2651460	100	100%	2651410	2651460	100	100%
RTS_R4_-_767	RNAP_peak_-_849	2652199	2654474	2325	100%	2652199	2654474	2325	100%	2652199	2654474	2325	100%	2652199	2654474	2325	100%
RTS_R4_-_768	RNAP_peak_-_850	2654499	2657174	2725	99%	2654499	2657174	2725	99%	2654499	2657174	2725	99%	2654499	2657174	2725	99%
RTS_R4_-_769	RNAP_peak_-_851	2657199	2658052	903	100%	2657199	2658052	903	100%	2657199	2658052	903	100%	2657199	2658052	903	100%
RTS_R4_-_770	RNAP_peak_-_852	2658077	2660227	2200	100%	2658077	2660227	2200	100%	2658077	2660227	2200	100%	2658077	2660227	2200	100%
RTS_R4_-_771	RNAP_peak_-_853	2660277	2661352	1125	100%	2660277	2661352	1125	100%	2660277	2661352	1125	100%	2660277	2661352	1125	100%
RTS_R4_-_772		2665027	2666927	1950	62%	2665027	2666927	1950	62%	2665027	2666927	1950	65%	2665027	2666927	1950	65%
RTS_R4_-_773	RNAP_peak_-_854	2671927	2674502	2625	12%	2671927	2675502	3625	26%	2671927	2675502	3625	27%	2671927	2675502	3625	27%
RTS_R4_-_774	RNAP_peak_-_855					2675777	2677302	1575	13%	2675777	2677302	1575	15%	2675777	2677302	1575	15%
RTS_R4_-_775	RNAP_peak_-_856									2677727	2680527	2850	7%	2677727	2680527	2850	8%
RTS_R4_-_776	RNAP_peak_-_857	2682152	2683577	1475	98%	2682152	2683577	1475	98%	2682152	2683577	1475	98%	2682152	2683577	1475	98%
RTS_R4_-_777	RNAP_peak_-_858	2685102	2685277	225	100%	2685102	2685277	225	100%	2685102	2685277	225	100%	2685102	2685277	225	100%
RTS_R4_-_778	RNAP_peak_-_859	2685302	2688227	2975	92%	2685302	2688227	2975	92%	2685302	2688227	2975	93%	2685302	2688227	2975	93%
RTS_R4_-_779	RNAP_peak_-_860	2688752	2689352	650	72%	2688302	2689352	1100	44%	2688302	2689352	1100	44%	2688302	2689352	1100	44%
RTS_R4_-_780	RNAP_peak_-_861	2689627	2693577	4000	100%	2689627	2693577	4000	100%	2689627	2693577	4000	100%	2689627	2693577	4000	100%
RTS_R4_-_781	RNAP_peak_-_862	2695302	2696577	1325	90%	2695302	2696577	1325	90%	2695302	2696577	1325	90%	2695302	2696577	1325	94%
RTS_R4_-_782	RNAP_peak_-_863	2698202	2698377	225	88%	2698202	2698377	225	88%	2698202	2698377	225	88%	2698202	2698377	225	88%
RTS_R4_-_783	RNAP_peak_-_864	2698714	2702264	3600	99%	2698714	2702264	3600	99%	2698714	2702264	3600	99%	2698714	2702264	3600	99%
RTS_R4_-_784	RNAP_peak_-_865	2702364	2705289	2975	100%	2702364	2705289	2975	100%	2702364	2705289	2975	100%	2702364	2705289	2975	100%
RTS_R4_-_785	RNAP_peak_-_866	2705364	2707439	2125	99%	2705364	2707439	2125	99%	2705364	2707439	2125	99%	2705364	2707439	2125	99%
RTS_R4_-_786	RNAP_peak_-_867	2707464	2708289	875	94%	2707464	2708289	875	94%	2707464	2708289	875	94%	2707464	2708339	925	100%
RTS_R4_-_787	RNAP_peak_-_868	2709964	2710789	875	76%	2709964	2710789	875	76%	2709964	2710789	875	76%	2709964	2710789	875	76%
RTS_R4_-_788	RNAP_peak_-_869	2712789	2713339	600	39%	2712464	2713339	925	67%	2712464	2713339	925	67%	2712464	2713339	925	67%
RTS_R4_-_789	RNAP_peak_-_870	2714089	2714514	475	100%	2713914	2714514	650	88%	2713914	2714514	650	88%	2713914	2714514	650	92%
RTS_R4_-_790	RNAP_peak_-_871	2715589	2716639	1100	100%	2715589	2716639	1100	100%	2715589	2716639	1100	100%	2715589	2716639	1100	100%
RTS_R4_-_791	RNAP_peak_-_872	2722140	2723815	1725	99%	2722140	2723815	1725	99%	2722140	2723815	1725	99%	2722140	2723815	1725	99%
RTS_R4_-_792	RNAP_peak_-_873	2724090	2724215	175	100%	2724090	2724215	175	100%	2724090	2724215	175	100%	2724090	2724215	175	100%
RTS_R4_-_793	RNAP_peak_-_874	2724240	2729344	5154	100%	2724240	2729344	5154	100%	2724240	2729344	5154	100%	2724240	2729344	5154	100%
RTS_R4_-_794	RNAP_peak_-_875	2729369	2732194	2875	98%	2729369	2732194	2875	98%	2729369	2732194	2875	98%	2729369	2732194	2875	98%

RTS_R4_-_795	RNAP_peak_-_876	2732219	2732294	125	100%	2732219	2732294	125	100%	2732219	2732294	125	100%	2732219	2732294	125	100%
RTS_R4_-_796	RNAP_peak_-_877	2732319	2734094	1825	100%	2732319	2734119	1850	100%	2732319	2734119	1850	100%	2732319	2734119	1850	100%
RTS_R4_-_797	RNAP_peak_-_878	2736244	2736544	350	85%	2736069	2736544	525	60%	2736069	2736544	525	60%	2736069	2736544	525	60%
RTS_R4_-_798	RNAP_peak_-_879	2736994	2739194	2250	100%	2736994	2739294	2350	98%	2736994	2739469	2525	100%	2736994	2739469	2525	100%
RTS_R4_-_799	RNAP_peak_-_880	2742119	2744220	2151	99%	2742119	2744220	2151	99%	2742119	2744220	2151	99%	2742119	2744220	2151	99%
RTS_R4_-_800	RNAP_peak_-_881	2744245	2745870	1675	98%	2744245	2745870	1675	100%	2744245	2745870	1675	100%	2744245	2745870	1675	100%
RTS_R4_-_801	RNAP_peak_-_882	2748170	2748745	625	100%	2747645	2748820	1225	100%	2747645	2748820	1225	100%	2747645	2748820	1225	100%
RTS_R4_-_802	RNAP_peak_-_883	2752045	2752745	750	100%	2752045	2752745	750	100%	2752045	2752745	750	100%	2752045	2752745	750	100%
RTS_R4_-_803	RNAP_peak_-_885	2759411	2763486	4125	85%	2759411	2763486	4125	85%	2759411	2763486	4125	86%	2759336	2763486	4200	88%
RTS_R4_-_804	RNAP_peak_-_886	2764086	2764211	175	83%	2764086	2764211	175	83%	2764086	2764211	175	83%	2764086	2764211	175	83%
RTS_R4_-_805	RNAP_peak_-_887	2769667	2769942	325	33%	2769517	2769967	500	68%	2769492	2770017	575	95%	2769492	2770017	575	95%
RTS_R4_-_806	RNAP_peak_-_888	2770092	2770967	925	42%	2770092	2770967	925	44%	2770092	2770967	925	44%	2770092	2770967	925	47%
RTS_R4_-_807	RNAP_peak_-_889	2776393	2779568	3225	42%	2776268	2779593	3375	61%	2776268	2779593	3375	66%	2776268	2779593	3375	66%
RTS_R4_-_808	RNAP_peak_-_892	2783799	2783824	75	100%	2783799	2783824	75	100%	2783799	2783824	75	100%	2783799	2783824	75	100%
RTS_R4_-_809	RNAP_peak_-_893	2794102	2794252	200	100%	2794102	2794252	200	100%	2794102	2794277	225	100%	2794102	2794277	225	100%
RTS_R4_-_810	RNAP_peak_-_894	2794302	2794827	575	100%	2794302	2794827	575	100%	2794302	2794827	575	100%	2794302	2794827	575	100%
RTS_R4_-_811	RNAP_peak_-_895	2794877	2795052	225	100%	2794877	2795052	225	100%	2794877	2795077	250	100%	2794877	2795077	250	100%
RTS_R4_-_812	RNAP_peak_-_896	2796002	2796552	600	91%	2796002	2796552	600	91%	2796002	2796552	600	91%	2796002	2796552	600	91%
RTS_R4_-_813	RNAP_peak_-_897	2797577	2798077	550	48%	2797502	2798177	725	71%	2797477	2798177	750	83%	2797477	2798177	750	86%
RTS_R4_-_814	RNAP_peak_-_898					2798302	2798602	350	77%	2798302	2798702	450	82%	2798302	2798702	450	82%
RTS_R4_-_815	RNAP_peak_-_899	2807153	2807253	150	100%	2807153	2807353	250	67%	2807153	2807578	475	83%	2807153	2807578	475	83%
RTS_R4_-_816										2809453	2809503	100	100%	2809453	2809503	100	100%
RTS_R4_-_817	RNAP_peak_-_900	2812053	2812906	903	91%	2812053	2812906	903	91%	2812003	2812906	953	92%	2812003	2812906	953	92%
RTS_R4_-_818	RNAP_peak_-_901	2812931	2814756	1875	100%	2812931	2814756	1875	100%	2812931	2814756	1875	100%	2812931	2814756	1875	100%
RTS_R4_-_819	RNAP_peak_-_902	2814806	2815531	775	100%	2814806	2815531	775	100%	2814806	2815531	775	100%	2814806	2815531	775	100%
RTS_R4_-_820	RNAP_peak_-_903	2815731	2815856	175	83%	2815731	2815856	175	83%	2815731	2815856	175	83%	2815731	2815856	175	83%
RTS_R4_-_821	RNAP_peak_-_904	2816081	2816131	100	100%	2816081	2816131	100	100%	2816081	2816131	100	100%	2816081	2816131	100	100%
RTS_R4_-_822	RNAP_peak_-_905	2816231	2816281	100	100%	2816231	2816281	100	100%	2816231	2816281	100	100%	2816231	2816281	100	100%
RTS_R4_-_823	RNAP_peak_-_906	2816506	2816706	250	100%	2816506	2816706	250	100%	2816506	2816706	250	100%	2816506	2816706	250	100%
RTS_R4_-_824	RNAP_peak_-_907	2817006	2817156	200	100%	2817006	2817156	200	100%	2816931	2817156	275	90%	2816931	2817156	275	90%
RTS_R4_-_825	RNAP_peak_-_908	2817181	2820081	2950	100%	2817181	2820081	2950	100%	2817181	2820081	2950	100%	2817181	2820081	2950	100%
RTS_R4_-_826	RNAP_peak_-_910	2820781	2821831	1100	100%	2820781	2821831	1100	100%	2820781	2821831	1100	100%	2820781	2821831	1100	100%
RTS_R4_-_827		2821881	2822381	550	100%	2821881	2822381	550	100%	2821881	2822381	550	100%	2821881	2822381	550	100%
RTS_R4_-_828	RNAP_peak_-_911	2822531	2823606	1125	100%	2822531	2823606	1125	100%	2822531	2823606	1125	100%	2822531	2823606	1125	100%
RTS_R4_-_829	RNAP_peak_-_912	2829056	2830306	1300	63%	2828856	2830306	1500	88%	2828856	2830306	1500	88%	2828856	2830306	1500	88%
RTS_R4_-_830	RNAP_peak_-_913	2835031	2835456	475	67%	2833706	2835456	1800	20%	2833581	2835456	1925	20%	2833581	2835506	1975	23%
RTS_R4_-_831	RNAP_peak_-_914	2836281	2837281	1050	95%	2836281	2837281	1050	95%	2836281	2837281	1050	95%	2836281	2837281	1050	95%
RTS_R4_-_832	RNAP_peak_-_915	2840631	2841081	500	68%	2840606	2841081	525	70%	2840606	2841081	525	90%	2840606	2841081	525	95%
RTS_R4_-_833	RNAP_peak_-_917									2854506	2854831	375	93%	2854506	2854831	375	93%
RTS_R4_-_834	RNAP_peak_-_918	2858532	2859257	775	83%	2858532	2859257	775	83%	2858532	2859257	775	83%	2858532	2859257	775	83%
RTS_R4_-_835	RNAP_peak_-_919	2864582	2866082	1550	100%	2864582	2866082	1550	100%	2864582	2866082	1550	100%	2864582	2866082	1550	100%
RTS_R4_-_836	RNAP_peak_-_920	2866107	2866857	800	100%	2866107	2866857	800	100%	2866107	2866857	800	100%	2866107	2866857	800	100%
RTS_R4_-_837	RNAP_peak_-_921	2866882	2868482	1650	100%	2866882	2868482	1650	100%	2866882	2868482	1650	100%	2866882	2868482	1650	100%
RTS_R4_-_838	RNAP_peak_-_922	2868507	2871007	2550	100%	2868507	2871007	2550	100%	2868507	2871007	2550	100%	2868507	2871007	2550	100%
RTS_R4_-_839	RNAP_peak_-_923	2871032	2871407	425	100%	2871032	2871407	425	100%	2871032	2871407	425	100%	2871032	2871407	425	100%
RTS_R4_-_840	RNAP_peak_-_924	2871432	2874382	3000	100%	2871432	2874382	3000	100%	2871432	2874382	3000	100%	2871432	2874382	3000	100%

RTS_R4_-_841	RNAP_peak_-_925	2876357	2876482	175	67%	2876257	2876532	325	58%	2876257	2876532	325	67%	2876257	2876532	325	67%
RTS_R4_-_842	RNAP_peak_-_926	2876607	2876782	225	63%	2876607	2876782	225	88%	2876607	2876782	225	88%	2876607	2876782	225	88%
RTS_R4_-_843	RNAP_peak_-_927	2876857	2878332	1525	40%	2876857	2878332	1525	60%	2876857	2878332	1525	60%	2876857	2878332	1525	65%
RTS_R4_-_844	RNAP_peak_-_928	2878482	2879057	625	38%	2878457	2879057	650	56%	2878457	2879057	650	56%	2878407	2879082	725	61%
RTS_R4_-_845	RNAP_peak_-_930									2882675	2884250	1625	16%	2882675	2884250	1625	19%
RTS_R4_-_846	RNAP_peak_-_931									2884425	2885125	750	66%	2884425	2885125	750	66%
RTS_R4_-_847	RNAP_peak_-_932	2885600	2889978	4428	100%	2885450	2889978	4578	97%	2885450	2889978	4578	98%	2885450	2889978	4578	98%
RTS_R4_-_848	RNAP_peak_-_933									2892978	2898499	5571	5%	2892978	2898499	5571	5%
RTS_R4_-_849	RNAP_peak_-_934	2902313	2902413	150	80%	2902263	2902488	275	60%	2902088	2902488	450	71%	2902088	2902513	475	83%
RTS_R4_-_850	RNAP_peak_-_935	2902813	2903438	675	92%	2902813	2903438	675	96%	2902813	2903438	675	100%	2902813	2903438	675	100%
RTS_R4_-_851	RNAP_peak_-_936	2904663	2906838	2225	99%	2904663	2906838	2225	99%	2904663	2906838	2225	99%	2904663	2906838	2225	100%
RTS_R4_-_852	RNAP_peak_-_937	2906863	2907838	1025	100%	2906863	2907838	1025	100%	2906863	2907838	1025	100%	2906863	2907838	1025	100%
RTS_R4_-_853	RNAP_peak_-_938	2907913	2909363	1500	95%	2907913	2909363	1500	95%	2907888	2909363	1525	95%	2907863	2909363	1550	95%
RTS_R4_-_854	RNAP_peak_-_939	2909413	2911938	2575	100%	2909413	2911938	2575	100%	2909413	2911938	2575	100%	2909388	2911938	2600	100%
RTS_R4_-_855	RNAP_peak_-_940	2911963	2913213	1300	86%	2911963	2913213	1300	88%	2911963	2913213	1300	88%	2911963	2913213	1300	90%
RTS_R4_-_856						2916188	2919913	3775	9%	2916188	2920088	3950	15%	2916188	2920088	3950	17%
RTS_R4_-_857	RNAP_peak_-_941	2920613	2922138	1575	97%	2920613	2922138	1575	97%	2920613	2922138	1575	97%	2920613	2922163	1600	97%
RTS_R4_-_858	RNAP_peak_-_942	2922213	2922538	375	100%	2922213	2922588	425	100%	2922213	2922588	425	100%	2922213	2922588	425	100%
RTS_R4_-_859	RNAP_peak_-_943	2922788	2923313	575	95%	2922788	2923313	575	95%	2922788	2923313	575	95%	2922788	2923313	575	95%
RTS_R4_-_860		2930040	2931115	1125	30%	2929940	2931215	1325	62%	2929940	2931340	1450	58%	2929940	2931340	1450	58%
RTS_R4_-_861	RNAP_peak_-_944	2938198	2939773	1625	92%	2938198	2939773	1625	92%	2938173	2939773	1650	92%	2938173	2939773	1650	92%
RTS_R4_-_862	RNAP_peak_-_945	2939823	2940198	425	100%	2939823	2940698	925	86%	2939823	2940698	925	89%	2939823	2940698	925	89%
RTS_R4_-_863	RNAP_peak_-_946	2940998	2941173	225	88%	2940798	2941248	500	68%	2940773	2941248	525	75%	2940773	2941273	550	86%
RTS_R4_-_864	RNAP_peak_-_947	2943073	2944123	1100	98%	2943073	2944123	1100	98%	2943073	2944123	1100	100%	2943073	2944123	1100	100%
RTS_R4_-_865	RNAP_peak_-_948	2944148	2945298	1200	96%	2944148	2945298	1200	96%	2944148	2945298	1200	98%	2944148	2945298	1200	98%
RTS_R4_-_866	RNAP_peak_-_949	2945798	2947198	1450	95%	2945623	2947248	1675	89%	2945623	2947248	1675	89%	2945623	2947248	1675	89%
RTS_R4_-_867	RNAP_peak_-_950	2948673	2954098	5475	91%	2948673	2954098	5475	91%	2948673	2954098	5475	91%	2948673	2954098	5475	92%
RTS_R4_-_868		2954123	2957000	2927	91%	2954123	2957000	2927	91%	2954123	2957000	2927	91%	2954123	2957000	2927	92%
RTS_R4_-_869	RNAP_peak_-_951	2957075	2960500	3475	86%	2957075	2960500	3475	86%	2957075	2960500	3475	86%	2957075	2960500	3475	86%
RTS_R4_-_870						2960700	2961775	1125	9%	2960700	2962150	1500	8%	2960700	2962150	1500	8%
RTS_R4_-_871	RNAP_peak_-_952	2962375	2964300	1975	99%	2962375	2964300	1975	99%	2962375	2964300	1975	99%	2962375	2964300	1975	99%
RTS_R4_-_872	RNAP_peak_-_953	2964350	2967000	2700	100%	2964350	2967000	2700	100%	2964350	2967000	2700	100%	2964350	2967000	2700	100%
RTS_R4_-_873	RNAP_peak_-_955	2970728	2972578	1900	84%	2970728	2972578	1900	84%	2970728	2972578	1900	88%	2970728	2972578	1900	88%
RTS_R4_-_874	RNAP_peak_-_956	2972628	2974053	1475	84%	2972628	2974053	1475	84%	2972628	2974053	1475	84%	2972628	2974053	1475	86%
RTS_R4_-_875	RNAP_peak_-_957	2974153	2974178	75	50%	2974153	2974178	75	50%	2974153	2974178	75	100%	2974153	2974178	75	100%
RTS_R4_-_876	RNAP_peak_-_958	2974253	2974378	175	17%	2974253	2974378	175	17%	2974253	2974378	175	50%	2974253	2974378	175	83%
RTS_R4_-_877	RNAP_peak_-_959	2975353	2976928	1625	98%	2975353	2976928	1625	98%	2975353	2976928	1625	98%	2975353	2976928	1625	98%
RTS_R4_-_878	RNAP_peak_-_960	2977803	2979828	2075	52%	2977803	2980278	2525	44%	2977803	2980403	2650	50%	2977803	2980403	2650	51%
RTS_R4_-_879	RNAP_peak_-_961	2980703	2981353	700	56%	2980703	2981353	700	63%	2980703	2981978	1325	38%	2980703	2981978	1325	44%
RTS_R4_-_880	RNAP_peak_-_962	2982530	2983605	1125	91%	2982530	2983605	1125	91%	2982530	2983630	1150	91%	2982530	2983630	1150	91%
RTS_R4_-_881	RNAP_peak_-_966	2994400	2995625	1275	100%	2994300	2995700	1450	91%	2994300	2995800	1550	89%	2994300	2995800	1550	89%
RTS_R4_-_882	RNAP_peak_-_967					2995950	2996825	925	33%	2995950	2996825	925	33%	2995950	2996825	925	33%
RTS_R4_-_883	RNAP_peak_-_968	2997000	2997075	125	100%	2996975	2997075	150	100%	2996975	2997075	150	100%	2996975	2997075	150	100%
RTS_R4_-_884	RNAP_peak_-_969	2997225	2997975	800	90%	2997225	2997975	800	90%	2997225	2998125	950	81%	2997225	2998125	950	86%
RTS_R4_-_885	RNAP_peak_-_970					3002625	3002700	125	50%	3002150	3003850	1750	90%	3002150	3003850	1750	90%
RTS_R4_-_886	RNAP_peak_-_971	3010479	3011154	725	18%	3010479	3013104	2675	8%	3010479	3013104	2675	18%	3010479	3013104	2675	79%

RTS_R4_-_887	RNAP_peak_-_972	3014254	3014354	150	80%	3014254	3014354	150	80%	3014254	3014354	150	80%	3014254	3014354	150	80%
RTS_R4_-_888						3023504	3023579	125	100%	3023279	3023654	425	94%	3023279	3023654	425	94%
RTS_R4_-_889						3026677	3027102	475	22%	3026552	3028902	2400	9%	3026552	3028902	2400	9%
RTS_R4_-_890	RNAP_peak_-_973	3031802	3034327	2575	100%	3031802	3034327	2575	100%	3031802	3034327	2575	100%	3031802	3034327	2575	100%
RTS_R4_-_891	RNAP_peak_-_974	3034377	3037902	3575	99%	3034377	3037902	3575	99%	3034377	3037902	3575	99%	3034377	3037902	3575	99%
RTS_R4_-_892	RNAP_peak_-_975	3038252	3039127	925	94%	3038252	3039252	1050	90%	3038252	3039252	1050	93%	3038252	3039252	1050	93%
RTS_R4_-_893	RNAP_peak_-_976	3040427	3041202	825	81%	3040427	3041202	825	94%	3040377	3041202	875	91%	3040377	3041202	875	91%
RTS_R4_-_894	RNAP_peak_-_977	3041302	3041702	450	88%	3041302	3041702	450	88%	3041302	3041702	450	88%	3041302	3041702	450	88%
RTS_R4_-_895		3043277	3043902	675	73%	3043277	3043902	675	73%	3043277	3043902	675	73%	3043277	3043902	675	73%
RTS_R4_-_896		3044127	3047102	3025	97%	3044127	3047102	3025	97%	3044127	3047102	3025	97%	3044127	3047102	3025	97%
RTS_R4_-_897	RNAP_peak_-_978	3047127	3048777	1700	100%	3047127	3048777	1700	100%	3047127	3048777	1700	100%	3047127	3048777	1700	100%
RTS_R4_-_898	RNAP_peak_-_979	3049127	3053477	4400	99%	3049127	3053477	4400	99%	3049052	3053477	4475	98%	3049052	3053477	4475	98%
RTS_R4_-_899	RNAP_peak_-_980	3055202	3056452	1300	100%	3055202	3056452	1300	100%	3055202	3056452	1300	100%	3055202	3056452	1300	100%
RTS_R4_-_900	RNAP_peak_-_981	3056727	3057452	775	93%	3056727	3057452	775	93%	3056727	3057452	775	97%	3056652	3057452	850	94%
RTS_R4_-_901	RNAP_peak_-_984	3065383	3066133	800	100%	3065383	3066133	800	100%	3065383	3066133	800	100%	3065383	3066133	800	100%
RTS_R4_-_902		3066183	3066833	700	78%	3066183	3066833	700	78%	3066183	3066833	700	81%	3066183	3066833	700	89%
RTS_R4_-_903	RNAP_peak_-_985	3066933	3067883	1000	97%	3066933	3067883	1000	97%	3066933	3067883	1000	97%	3066933	3067883	1000	100%
RTS_R4_-_904	RNAP_peak_-_986	3067958	3069308	1400	87%	3067958	3069308	1400	87%	3067958	3069308	1400	89%	3067958	3069308	1400	89%
RTS_R4_-_905	RNAP_peak_-_987	3069333	3070883	1600	100%	3069333	3070883	1600	100%	3069333	3070883	1600	100%	3069333	3070883	1600	100%
RTS_R4_-_906	RNAP_peak_-_988	3070933	3071808	925	100%	3070933	3071808	925	100%	3070933	3071908	1025	97%	3070933	3071908	1025	100%
RTS_R4_-_907	RNAP_peak_-_989	3071958	3073233	1325	98%	3071958	3073408	1500	93%	3071958	3073458	1550	93%	3071958	3073458	1550	93%
RTS_R4_-_908	RNAP_peak_-_991	3077696	3079721	2075	100%	3077696	3079721	2075	100%	3077696	3079721	2075	100%	3077696	3079721	2075	100%
RTS_R4_-_909	RNAP_peak_-_992	3080621	3081899	1328	90%	3080621	3081899	1328	90%	3080621	3081899	1328	90%	3080621	3081899	1328	90%
RTS_R4_-_910	RNAP_peak_-_993	3081924	3083899	2025	100%	3081924	3083899	2025	100%	3081924	3083899	2025	100%	3081924	3083899	2025	100%
RTS_R4_-_911	RNAP_peak_-_994	3083924	3084399	525	100%	3083924	3084399	525	100%	3083924	3084399	525	100%	3083924	3084399	525	100%
RTS_R4_-_912	RNAP_peak_-_997					3097949	3098749	850	42%	3097949	3098749	850	42%	3097949	3098749	850	42%
RTS_R4_-_913	RNAP_peak_-_998	3098974	3099649	725	96%	3098974	3099649	725	96%	3098974	3099649	725	96%	3098974	3099649	725	100%
RTS_R4_-_914	RNAP_peak_-_999	3099699	3100249	600	100%	3099699	3100249	600	100%	3099699	3100249	600	100%	3099699	3100249	600	100%
RTS_R4_-_915	RNAP_peak_-_1000	3100274	3101099	875	100%	3100274	3101099	875	100%	3100274	3101099	875	100%	3100274	3101099	875	100%
RTS_R4_-_916	RNAP_peak_-_1001	3105154	3107263	2159	98%	3105154	3107263	2159	98%	3105154	3107263	2159	98%	3105079	3107263	2234	97%
RTS_R4_-_917	RNAP_peak_-_1002	3110513	3110988	525	55%	3108938	3110988	2100	16%	3108938	3110988	2100	16%	3108938	3110988	2100	16%
RTS_R4_-_918	RNAP_peak_-_1003	3111063	3111938	925	89%	3111063	3111938	925	89%	3111063	3111938	925	89%	3111063	3111938	925	89%
RTS_R4_-_919	RNAP_peak_-_1005	3112388	3117338	5000	86%	3112388	3117338	5000	86%	3112388	3117338	5000	87%	3112388	3117338	5000	88%
RTS_R4_-_920	RNAP_peak_-_1006					3118463	3119038	625	13%	3117788	3119038	1300	14%	3117788	3119238	1500	17%
RTS_R4_-_921	RNAP_peak_-_1007	3119438	3122813	3425	90%	3119438	3122813	3425	90%	3119438	3122838	3450	91%	3119363	3122838	3525	91%
RTS_R4_-_922	RNAP_peak_-_1008									3123338	3126138	2850	7%	3123338	3126138	2850	7%
RTS_R4_-_923	RNAP_peak_-_1012	3134813	3136613	1850	99%	3134813	3136613	1850	99%	3134813	3136613	1850	99%	3134713	3136613	1950	97%
RTS_R4_-_924	RNAP_peak_-_1013	3137838	3141088	3300	75%	3137838	3141088	3300	75%	3137838	3141088	3300	75%	3137838	3141188	3400	76%
RTS_R4_-_925	RNAP_peak_-_1014	3142238	3144288	2100	12%	3142238	3144413	2225	36%	3142238	3144413	2225	36%	3142238	3144413	2225	56%
RTS_R4_-_926	RNAP_peak_-_1015													3144438	3144763	375	100%
RTS_R4_-_927	RNAP_peak_-_1016	3144963	3145763	850	52%	3144963	3145763	850	64%	3144863	3145763	950	86%	3144863	3145763	950	86%
RTS_R4_-_928	RNAP_peak_-_1017	3147013	3147488	525	100%	3147013	3147488	525	100%	3147013	3147488	525	100%	3147013	3147488	525	100%
RTS_R4_-_929	RNAP_peak_-_1018	3148688	3150013	1375	93%	3148688	3150013	1375	93%	3148638	3150013	1425	91%	3148638	3150063	1475	97%
RTS_R4_-_930	RNAP_peak_-_1019	3152244	3153172	978	87%	3152244	3153172	978	89%	3151588	3153197	1659	72%	3151588	3153197	1659	72%
RTS_R4_-_931	RNAP_peak_-_1020									3156072	3156172	150	100%	3156072	3156172	150	100%
RTS_R4_-_932	RNAP_peak_-_1021	3156972	3159222	2300	92%	3156972	3159222	2300	92%	3156697	3159222	2575	86%	3156697	3159222	2575	86%

RTS_R4_-_933	RNAP_peak_-_1022	3159297	3160672	1425	100%	3159297	3160672	1425	100%	3159297	3160672	1425	100%	3159297	3160672	1425	100%
RTS_R4_-_934	RNAP_peak_-_1023	3160697	3161647	1000	100%	3160697	3161647	1000	100%	3160697	3161647	1000	100%	3160697	3161647	1000	100%
RTS_R4_-_935		3161697	3164024	2377	100%	3161697	3164024	2377	100%	3161697	3164024	2377	100%	3161697	3164024	2377	100%
RTS_R4_-_936	RNAP_peak_-_1024	3164324	3166574	2300	45%	3164324	3166574	2300	58%	3164324	3166574	2300	63%	3164324	3166574	2300	63%
RTS_R4_-_937	RNAP_peak_-_1025	3166799	3167699	950	76%	3166799	3167699	950	81%	3166799	3167699	950	81%	3166799	3167749	1000	90%
RTS_R4_-_938	RNAP_peak_-_1027	3171477	3173627	2200	99%	3171477	3173627	2200	99%	3171477	3173627	2200	99%	3171477	3173627	2200	99%
RTS_R4_-_939	RNAP_peak_-_1028	3173652	3174952	1350	100%	3173652	3174952	1350	100%	3173652	3174952	1350	100%	3173652	3174952	1350	100%
RTS_R4_-_940	RNAP_peak_-_1029	3174977	3175852	925	100%	3174977	3175852	925	100%	3174977	3175852	925	100%	3174977	3175852	925	100%
RTS_R4_-_941	RNAP_peak_-_1030									3179977	3180302	375	14%	3179852	3180302	500	37%
RTS_R4_-_942	RNAP_peak_-_1031													3181327	3181602	325	83%
RTS_R4_-_943	RNAP_peak_-_1032	3181827	3182727	950	100%	3181827	3182727	950	100%	3181827	3182727	950	100%	3181827	3182727	950	100%
RTS_R4_-_944	RNAP_peak_-_1033	3185202	3185427	275	100%	3185202	3185427	275	100%	3185202	3185427	275	100%	3185202	3185427	275	100%
RTS_R4_-_945	RNAP_peak_-_1034	3189777	3190002	275	100%	3189777	3190027	300	100%	3189777	3190127	400	93%	3189777	3190127	400	93%
RTS_R4_-_946	RNAP_peak_-_1035					3190302	3190327	75	100%	3190227	3190327	150	80%	3190227	3190327	150	80%
RTS_R4_-_947	RNAP_peak_-_1036	3192677	3192852	225	100%	3192677	3192927	300	82%	3192677	3192927	300	82%	3192677	3192927	300	82%
RTS_R4_-_948	RNAP_peak_-_1037	3193077	3193352	325	92%	3193077	3193352	325	92%	3193077	3193352	325	92%	3193052	3193352	350	92%
RTS_R4_-_949	RNAP_peak_-_1038	3193402	3194852	1500	100%	3193402	3194852	1500	100%	3193402	3194852	1500	100%	3193402	3194852	1500	100%
RTS_R4_-_950	RNAP_peak_-_1039	3194877	3199027	4200	99%	3194877	3199027	4200	99%	3194877	3199027	4200	99%	3194877	3199027	4200	99%
RTS_R4_-_951	RNAP_peak_-_1040	3201252	3202202	1000	77%	3201252	3202202	1000	77%	3201252	3202202	1000	77%	3201252	3202202	1000	77%
RTS_R4_-_952	RNAP_peak_-_1041	3202252	3202627	425	100%	3202252	3202627	425	100%	3202252	3202627	425	100%	3202252	3202627	425	100%
RTS_R4_-_953	RNAP_peak_-_1042													3203577	3204277	750	55%
RTS_R4_-_954	RNAP_peak_-_1043	3207427	3208552	1175	98%	3207427	3208552	1175	98%	3207427	3208552	1175	98%	3207427	3208552	1175	98%
RTS_R4_-_955	RNAP_peak_-_1044	3212977	3213602	675	92%	3212977	3213602	675	92%	3212777	3213602	875	79%	3212777	3213602	875	79%
RTS_R4_-_956	RNAP_peak_-_1045	3213777	3214527	800	97%	3213777	3214527	800	97%	3213777	3214527	800	97%	3213777	3214527	800	97%
RTS_R4_-_957	RNAP_peak_-_1046	3215427	3217102	1725	43%	3215427	3217102	1725	43%	3215427	3217102	1725	43%	3215427	3217102	1725	43%
RTS_R4_-_958	RNAP_peak_-_1048	3231753	3232478	775	47%	3231753	3232478	775	70%	3231753	3232578	875	65%	3231753	3232603	900	66%
RTS_R4_-_959	RNAP_peak_-_1049	3232903	3233903	1050	71%	3232753	3233903	1200	64%	3232753	3233903	1200	66%	3232753	3233903	1200	66%
RTS_R4_-_960	RNAP_peak_-_1050	3240420	3242845	2475	29%	3240395	3242845	2500	69%	3240395	3242920	2575	68%	3240395	3242920	2575	68%
RTS_R4_-_961	RNAP_peak_-_1051	3251399	3252274	925	100%	3251399	3252274	925	100%	3251399	3252274	925	100%	3251399	3252274	925	100%
RTS_R4_-_962	RNAP_peak_-_1052					3253774	3255949	2225	16%	3253774	3255949	2225	19%	3253774	3255949	2225	19%
RTS_R4_-_963	RNAP_peak_-_1054	3267826	3268645	869	67%	3267826	3268645	869	67%	3267826	3268645	869	67%	3267826	3268645	869	67%
RTS_R4_-_964	RNAP_peak_-_1055	3268695	3270670	2025	55%	3268695	3272045	3400	39%	3268695	3272045	3400	45%	3268695	3272045	3400	47%
RTS_R4_-_965	RNAP_peak_-_1056	3275870	3276695	875	97%	3275695	3276695	1050	90%	3275695	3276695	1050	93%	3275695	3276695	1050	95%
RTS_R4_-_966	RNAP_peak_-_1057	3287496	3287896	450	47%	3287196	3287896	750	62%	3287196	3287921	775	90%	3287196	3287921	775	90%
RTS_R4_-_967	RNAP_peak_-_1058	3290271	3291646	1425	80%	3290271	3291646	1425	80%	3290271	3291646	1425	80%	3290271	3291646	1425	80%
RTS_R4_-_968										3291996	3292496	550	43%	3291996	3292496	550	43%
RTS_R4_-_969	RNAP_peak_-_1059	3295121	3296921	1850	71%	3295121	3296921	1850	74%	3295121	3296921	1850	92%	3295121	3296921	1850	92%
RTS_R4_-_970	RNAP_peak_-_1060	3297521	3297921	450	59%	3297521	3297971	500	63%	3297521	3297971	500	63%	3297521	3297971	500	63%
RTS_R4_-_971	RNAP_peak_-_1061	3298296	3299421	1175	100%	3298196	3299421	1275	98%	3298196	3299421	1275	98%	3298196	3299421	1275	98%
RTS_R4_-_972		3302646	3303846	1250	49%	3302646	3303846	1250	49%	3302646	3303846	1250	49%	3302646	3303846	1250	51%
RTS_R4_-_973	RNAP_peak_-_1062	3303946	3306196	2300	98%	3303946	3306196	2300	98%	3303946	3306196	2300	99%	3303946	3306196	2300	99%
RTS_R4_-_974	RNAP_peak_-_1063	3306221	3307096	925	100%	3306221	3307096	925	100%	3306221	3307096	925	100%	3306221	3307096	925	100%
RTS_R4_-_975	RNAP_peak_-_1064	3307121	3309346	2275	99%	3307121	3309346	2275	99%	3307121	3309346	2275	99%	3307121	3309346	2275	99%
RTS_R4_-_976	RNAP_peak_-_1065	3309446	3309796	400	100%	3309446	3309796	400	100%	3309446	3309796	400	100%	3309446	3309796	400	100%
RTS_R4_-_977	RNAP_peak_-_1066	3309821	3311196	1425	100%	3309821	3311196	1425	100%	3309821	3311196	1425	100%	3309821	3311196	1425	100%
RTS_R4_-_978	RNAP_peak_-_1067	3311246	3316071	4875	100%	3311246	3316071	4875	100%	3311246	3316071	4875	100%	3311246	3316071	4875	100%

RTS_R4_-_979	RNAP_peak_-_1068	3316121	3316371	300	100%	3316121	3316396	325	100%	3316121	3316396	325	100%	3316121	3316396	325	100%
RTS_R4_-_980	RNAP_peak_-_1070	3320096	3320696	650	100%	3320096	3320696	650	100%	3320096	3320696	650	100%	3320096	3320696	650	100%
RTS_R4_-_981	RNAP_peak_-_1071	3320746	3322296	1600	100%	3320746	3322296	1600	100%	3320746	3322296	1600	100%	3320746	3322296	1600	100%
RTS_R4_-_982	RNAP_peak_-_1072	3322321	3323596	1325	92%	3322321	3323596	1325	92%	3322321	3323596	1325	92%	3322321	3323596	1325	92%
RTS_R4_-_983	RNAP_peak_-_1073	3323621	3324996	1425	100%	3323621	3324996	1425	100%	3323621	3324996	1425	100%	3323621	3324996	1425	100%
RTS_R4_-_984	RNAP_peak_-_1074	3325021	3325721	750	100%	3325021	3325721	750	100%	3325021	3325721	750	100%	3325021	3325721	750	100%
RTS_R4_-_985	RNAP_peak_-_1075	3325746	3326846	1150	96%	3325746	3326871	1175	96%	3325746	3326871	1175	96%	3325746	3326871	1175	96%
RTS_R4_-_986	RNAP_peak_-_1076	3328471	3330046	1625	95%	3328371	3330046	1725	91%	3328196	3330046	1900	87%	3328196	3330046	1900	87%
RTS_R4_-_987	RNAP_peak_-_1077	3330071	3330796	775	93%	3330071	3330796	775	93%	3330071	3330796	775	93%	3330071	3330796	775	93%
RTS_R4_-_988	RNAP_peak_-_1078	3330871	3331521	700	100%	3330871	3331596	775	93%	3330871	3331621	800	97%	3330871	3331621	800	97%
RTS_R4_-_989		3333121	3334471	1400	95%	3333121	3334471	1400	95%	3333121	3334471	1400	95%	3333121	3334471	1400	95%
RTS_R4_-_990	RNAP_peak_-_1079	3334496	3334921	475	100%	3334496	3334921	475	100%	3334496	3334921	475	100%	3334496	3334921	475	100%
RTS_R4_-_991	RNAP_peak_-_1080	3334946	3335896	1000	100%	3334946	3335896	1000	100%	3334946	3335896	1000	100%	3334946	3335896	1000	100%
RTS_R4_-_992	RNAP_peak_-_1081	3335921	3338247	2376	100%	3335921	3338247	2376	100%	3335921	3338247	2376	100%	3335921	3338247	2376	100%
RTS_R4_-_993	RNAP_peak_-_1082	3347272	3348654	1432	93%	3347272	3348654	1432	93%	3347272	3348654	1432	93%	3347272	3348654	1432	93%
RTS_R4_-_994	RNAP_peak_-_1083	3348729	3351029	2350	92%	3348729	3351029	2350	92%	3348729	3351029	2350	92%	3348704	3351029	2375	95%
RTS_R4_-_995	RNAP_peak_-_1084					3351204	3352054	900	49%	3351204	3352054	900	49%	3351204	3352054	900	49%
RTS_R4_-_996	RNAP_peak_-_1085	3358829	3358879	100	67%	3358829	3358879	100	67%	3358804	3358879	125	100%	3358804	3358879	125	100%
RTS_R4_-_997	RNAP_peak_-_1086	3363579	3364754	1225	100%	3363579	3364754	1225	100%	3363579	3364754	1225	100%	3363579	3364754	1225	100%
RTS_R4_-_998	RNAP_peak_-_1087									3365729	3365754	75	100%	3365729	3365754	75	100%
RTS_R4_-_999	RNAP_peak_-_1088	3367134	3371559	4475	21%	3367134	3371559	4475	28%	3367134	3371609	4525	82%	3367134	3371609	4525	83%
RTS_R4_-_1000	RNAP_peak_-_1089	3371734	3372509	825	91%	3371734	3372509	825	91%	3371734	3372509	825	91%	3371734	3372509	825	91%
RTS_R4_-_1001	RNAP_peak_-_1090	3374309	3375559	1300	100%	3374309	3375559	1300	100%	3374309	3375559	1300	100%	3374309	3375559	1300	100%
RTS_R4_-_1002	RNAP_peak_-_1091	3375859	3376809	1000	100%	3375859	3376809	1000	100%	3375859	3376809	1000	100%	3375859	3376809	1000	100%
RTS_R4_-_1003	RNAP_peak_-_1092	3376909	3378084	1225	100%	3376909	3378084	1225	100%	3376909	3378084	1225	100%	3376909	3378084	1225	100%
RTS_R4_-_1004	RNAP_peak_-_1093	3381359	3382484	1175	100%	3381359	3382509	1200	100%	3381359	3382509	1200	100%	3381359	3382509	1200	100%
RTS_R4_-_1005	RNAP_peak_-_1094	3383928	3384153	275	80%	3383878	3384153	325	75%	3383878	3384153	325	92%	3383878	3384178	350	100%
RTS_R4_-_1006	RNAP_peak_-_1095					3386128	3387428	1350	25%	3385178	3387453	2325	18%	3385178	3387453	2325	18%
RTS_R4_-_1007	RNAP_peak_-_1096	3388578	3390578	2050	100%	3388578	3390578	2050	100%	3388578	3390578	2050	100%	3388578	3390578	2050	100%
RTS_R4_-_1008	RNAP_peak_-_1097	3390628	3395978	5400	87%	3390628	3395978	5400	87%	3390628	3395978	5400	90%	3390628	3395978	5400	91%
RTS_R4_-_1009	RNAP_peak_-_1098	3396003	3396528	575	100%	3396003	3396528	575	100%	3396003	3396528	575	100%	3396003	3396528	575	100%
RTS_R4_-_1010	RNAP_peak_-_1099	3396553	3399378	2875	100%	3396553	3399378	2875	100%	3396553	3399378	2875	100%	3396553	3399378	2875	100%
RTS_R4_-_1011	RNAP_peak_-_1100	3399453	3401378	1975	65%	3399453	3401403	2000	68%	3399453	3401403	2000	68%	3399453	3401403	2000	68%
RTS_R4_-_1012	RNAP_peak_-_1101									3408156	3408256	150	100%	3408156	3408256	150	100%
RTS_R4_-_1013	RNAP_peak_-_1103	3421432	3427207	5825	99%	3421432	3427207	5825	99%	3421432	3427207	5825	100%	3421432	3427207	5825	100%
RTS_R4_-_1014	RNAP_peak_-_1104	3427757	3429032	1325	94%	3427757	3429032	1325	94%	3427757	3429032	1325	96%	3427757	3429032	1325	96%
RTS_R4_-_1015	RNAP_peak_-_1105	3429057	3430032	1025	100%	3429057	3430032	1025	100%	3429057	3430032	1025	100%	3429057	3430032	1025	100%
RTS_R4_-_1016	RNAP_peak_-_1106	3430057	3430632	625	100%	3430057	3430707	700	93%	3430057	3430707	700	100%	3430057	3430707	700	100%
RTS_R4_-_1017	RNAP_peak_-_1107	3430757	3431582	875	56%	3430757	3431632	925	64%	3430757	3431632	925	72%	3430757	3431632	925	72%
RTS_R4_-_1018	RNAP_peak_-_1108	3436532	3437532	1050	90%	3436082	3437532	1500	88%	3436082	3437532	1500	92%	3436082	3437532	1500	92%
RTS_R4_-_1019	RNAP_peak_-_1109	3437647	3441122	3525	100%	3437647	3441122	3525	100%	3437647	3441122	3525	100%	3437647	3441122	3525	100%
RTS_R4_-_1020	RNAP_peak_-_1110	3441147	3446347	5250	100%	3441147	3446347	5250	100%	3441147	3446347	5250	100%	3441147	3446347	5250	100%
RTS_R4_-_1021	RNAP_peak_-_1111	3446372	3451472	5150	100%	3446372	3451497	5175	100%	3446372	3451497	5175	100%	3446372	3451497	5175	100%
RTS_R4_-_1022	RNAP_peak_-_1112	3451547	3451822	325	75%	3451547	3452172	675	69%	3451547	3452172	675	69%	3451547	3452172	675	69%
RTS_R4_-_1023	RNAP_peak_-_1114	3463897	3464747	900	74%	3463847	3464747	950	84%	3463847	3464747	950	86%	3463847	3464747	950	86%
RTS_R4_-_1024	RNAP_peak_-_1115	3464797	3464997	250	89%	3464797	3464997	250	89%	3464797	3464997	250	100%	3464797	3464997	250	100%

RTS_R4_-_1025	RNAP_peak_-_1116	3465297	3467372	2125	24%	3465297	3467372	2125	24%	3465297	3467372	2125	33%	3465297	3467372	2125	33%
RTS_R4_-_1026	RNAP_peak_-_1117	3468172	3469522	1400	100%	3468172	3469522	1400	100%	3468172	3469522	1400	100%	3468172	3469522	1400	100%
RTS_R4_-_1027	RNAP_peak_-_1118	3469547	3472824	3327	100%	3469547	3472824	3327	100%	3469547	3472824	3327	100%	3469547	3472824	3327	100%
RTS_R4_-_1028	RNAP_peak_-_1119	3472849	3474574	1775	100%	3472849	3474574	1775	100%	3472849	3474574	1775	100%	3472849	3474574	1775	100%
RTS_R4_-_1029	RNAP_peak_-_1120	3474649	3475524	925	97%	3474649	3475524	925	97%	3474649	3475524	925	97%	3474649	3475524	925	97%
RTS_R4_-_1030	RNAP_peak_-_1121	3475924	3476449	575	100%	3475924	3476449	575	100%	3475874	3476449	625	96%	3475874	3476449	625	96%
RTS_R4_-_1031	RNAP_peak_-_1122	3476474	3479249	2825	73%	3476474	3479249	2825	73%	3476474	3479249	2825	76%	3476474	3479249	2825	79%
RTS_R4_-_1032	RNAP_peak_-_1123	3483249	3483849	650	92%	3483074	3483849	825	84%	3483074	3483849	825	84%	3483074	3483849	825	84%
RTS_R4_-_1033	RNAP_peak_-_1124	3486799	3488224	1475	100%	3486799	3488224	1475	100%	3486799	3488224	1475	100%	3486799	3488224	1475	100%
RTS_R4_-_1034	RNAP_peak_-_1125	3488274	3489649	1425	96%	3488274	3489649	1425	96%	3488274	3489649	1425	100%	3488274	3489649	1425	100%
RTS_R4_-_1035	RNAP_peak_-_1126	3489774	3490374	650	96%	3489774	3490374	650	100%	3489774	3490424	700	96%	3489774	3490424	700	100%
RTS_R4_-_1036	RNAP_peak_-_1127					3490524	3490599	125	75%	3490474	3490624	200	86%	3490474	3490624	200	86%
RTS_R4_-_1037	RNAP_peak_-_1128	3509387	3510337	1000	36%	3503262	3510337	7125	24%	3502987	3510337	7400	25%	3502987	3510362	7425	25%
RTS_R4_-_1038	RNAP_peak_-_1129	3510612	3511687	1125	100%	3510612	3511687	1125	100%	3510612	3511687	1125	100%	3510612	3511687	1125	100%
RTS_R4_-_1039	RNAP_peak_-_1130	3511712	3513287	1625	100%	3511712	3513287	1625	100%	3511712	3513287	1625	100%	3511712	3513287	1625	100%
RTS_R4_-_1040	RNAP_peak_-_1131	3513312	3514137	875	100%	3513312	3514137	875	100%	3513312	3514137	875	100%	3513312	3514137	875	100%
RTS_R4_-_1041	RNAP_peak_-_1132	3514162	3515637	1525	100%	3514162	3515637	1525	100%	3514162	3515637	1525	100%	3514162	3515637	1525	100%
RTS_R4_-_1042	RNAP_peak_-_1133	3515662	3517387	1775	100%	3515662	3517387	1775	100%	3515662	3517387	1775	100%	3515662	3517387	1775	100%
RTS_R4_-_1043	RNAP_peak_-_1134					3518312	3518587	325	17%	3517837	3520837	3050	6%	3517712	3520837	3175	7%
RTS_R4_-_1044	RNAP_peak_-_1135	3523537	3524212	725	89%	3523537	3524212	725	89%	3523537	3524212	725	89%	3523537	3524212	725	89%
RTS_R4_-_1045	RNAP_peak_-_1136	3528762	3529487	775	53%	3528762	3529487	775	53%	3528762	3530612	1900	27%	3528762	3530612	1900	27%
RTS_R4_-_1046	RNAP_peak_-_1137	3532563	3534713	2200	95%	3532563	3534738	2225	95%	3532563	3534738	2225	95%	3532563	3534738	2225	95%
RTS_R4_-_1047	RNAP_peak_-_1138									3537863	3538013	200	100%	3537863	3538013	200	100%
RTS_R4_-_1048	RNAP_peak_-_1139	3542213	3542863	700	89%	3542213	3542863	700	89%	3542213	3542863	700	89%	3542213	3542863	700	89%
RTS_R4_-_1049	RNAP_peak_-_1140	3546013	3550588	4625	98%	3546013	3550588	4625	98%	3546013	3550588	4625	98%	3546013	3550613	4650	99%
RTS_R4_-_1050	RNAP_peak_-_1141	3554688	3555988	1350	34%	3553988	3556138	2200	40%	3553863	3556239	2426	79%	3553863	3556239	2426	79%
RTS_R4_-_1051	RNAP_peak_-_1142	3557864	3558914	1100	100%	3557864	3558914	1100	100%	3557864	3558914	1100	100%	3557864	3558914	1100	100%
RTS_R4_-_1052	RNAP_peak_-_1143	3558939	3559889	1000	100%	3558939	3559889	1000	100%	3558939	3559889	1000	100%	3558939	3559889	1000	100%
RTS_R4_-_1053	RNAP_peak_-_1144	3561514	3561989	525	50%	3561489	3561989	550	52%	3561489	3561989	550	52%	3561489	3561989	550	57%
RTS_R4_-_1054	RNAP_peak_-_1145	3562089	3566522	4483	98%	3562089	3566522	4483	98%	3562089	3566522	4483	98%	3562089	3566522	4483	98%
RTS_R4_-_1055	RNAP_peak_-_1146	3566547	3567522	1025	100%	3566547	3567522	1025	100%	3566547	3567522	1025	100%	3566547	3567522	1025	100%
RTS_R4_-_1056	RNAP_peak_-_1147	3567547	3571622	4125	99%	3567547	3571622	4125	99%	3567547	3571622	4125	99%	3567547	3571622	4125	99%
RTS_R4_-_1057	RNAP_peak_-_1148	3571647	3572972	1375	100%	3571647	3572972	1375	100%	3571647	3572972	1375	100%	3571647	3572997	1400	100%
RTS_R4_-_1058	RNAP_peak_-_1149					3574147	3575622	1525	47%	3574147	3575622	1525	47%	3574147	3575622	1525	47%
RTS_R4_-_1059	RNAP_peak_-_1150	3575697	3576922	1275	84%	3575697	3576922	1275	88%	3575697	3576922	1275	98%	3575697	3576922	1275	98%
RTS_R4_-_1060	RNAP_peak_-_1151	3577022	3578822	1850	79%	3577022	3578822	1850	79%	3577022	3578822	1850	79%	3577022	3578897	1925	83%
RTS_R4_-_1061	RNAP_peak_-_1152	3578997	3579022	75	100%	3578997	3579022	75	100%	3578997	3579022	75	100%	3578972	3579022	100	100%
RTS_R4_-_1062	RNAP_peak_-_1153	3581495	3582195	750	69%	3581495	3582195	750	72%	3581495	3582320	875	68%	3581495	3582320	875	68%
RTS_R4_-_1063	RNAP_peak_-_1154	3583195	3584845	1700	87%	3583195	3584845	1700	87%	3583195	3584845	1700	87%	3583195	3584845	1700	88%
RTS_R4_-_1064	RNAP_peak_-_1155	3585520	3590420	4950	69%	3585520	3590420	4950	69%	3585520	3590420	4950	72%	3585520	3590420	4950	72%
RTS_R4_-_1065	RNAP_peak_-_1156	3590520	3595749	5279	99%	3590520	3595749	5279	99%	3590520	3595749	5279	99%	3590520	3595749	5279	99%
RTS_R4_-_1066	RNAP_peak_-_1157	3596274	3597774	1550	100%	3596274	3597774	1550	100%	3596274	3597774	1550	100%	3596274	3597774	1550	100%
RTS_R4_-_1067	RNAP_peak_-_1158	3597974	3599049	1125	98%	3597949	3599049	1150	100%	3597949	3599049	1150	100%	3597949	3599049	1150	100%
RTS_R4_-_1068	RNAP_peak_-_1159	3599099	3602324	3275	98%	3599099	3602324	3275	98%	3599099	3602349	3300	98%	3599099	3602349	3300	98%
RTS_R4_-_1069	RNAP_peak_-_1160	3602999	3603624	675	85%	3602974	3603624	700	85%	3602974	3603624	700	85%	3602974	3603624	700	85%
RTS_R4_-_1070	RNAP_peak_-_1161	3606749	3607149	450	82%	3606649	3607149	550	86%	3606649	3607224	625	79%	3606649	3607224	625	79%

RTS_R4_-_1071	RNAP_peak_-_1162	3608574	3609749	1225	65%	3608574	3609749	1225	65%	3608574	3609749	1225	65%	3608574	3609749	1225	69%
RTS_R4_-_1072	RNAP_peak_-_1163	3617049	3617074	75	100%	3616824	3617074	300	55%	3616824	3617149	375	93%	3616824	3617149	375	93%
RTS_R4_-_1073	RNAP_peak_-_1164	3623599	3628924	5375	98%	3623349	3628924	5625	95%	3623349	3628924	5625	95%	3623349	3628924	5625	96%
RTS_R4_-_1074	RNAP_peak_-_1167	3634249	3635499	1300	98%	3633674	3635499	1875	77%	3633674	3635499	1875	80%	3633674	3635499	1875	80%
RTS_R4_-_1075	RNAP_peak_-_1168	3637024	3637849	875	88%	3637024	3637849	875	94%	3636999	3637849	900	100%	3636999	3637849	900	100%
RTS_R4_-_1076	RNAP_peak_-_1169									3638649	3638699	100	100%	3638649	3638699	100	100%
RTS_R4_-_1077	RNAP_peak_-_1170	3640374	3643249	2925	95%	3640374	3643249	2925	96%	3640374	3643249	2925	96%	3640374	3643249	2925	96%
RTS_R4_-_1078	RNAP_peak_-_1171	3645749	3645974	275	100%	3645749	3645974	275	100%	3645749	3645974	275	100%	3645749	3645974	275	100%
RTS_R4_-_1079	RNAP_peak_-_1172									3647235	3647935	750	69%	3647235	3647935	750	69%
RTS_R4_-_1080	RNAP_peak_-_1173	3650060	3651235	1225	100%	3650060	3651235	1225	100%	3650060	3651235	1225	100%	3650060	3651235	1225	100%
RTS_R4_-_1081	RNAP_peak_-_1174	3653285	3654810	1575	79%	3653010	3654810	1850	70%	3653010	3654810	1850	71%	3652960	3654810	1900	91%
RTS_R4_-_1082	RNAP_peak_-_1175									3655860	3656035	225	88%				
RTS_R4_-_1083	RNAP_peak_-_1176	3661935	3662835	950	92%	3661935	3662835	950	92%	3661935	3662835	950	92%	3661935	3662860	975	95%
RTS_R4_-_1084	RNAP_peak_-_1177	3662885	3663835	1000	100%	3662885	3663835	1000	100%	3662885	3663835	1000	100%	3662885	3663835	1000	100%
RTS_R4_-_1085	RNAP_peak_-_1178	3664210	3665610	1450	100%	3664085	3665610	1575	94%	3664085	3665610	1575	95%	3663960	3665610	1700	91%
RTS_R4_-_1086	RNAP_peak_-_1179	3666685	3667210	575	27%	3666010	3667260	1300	41%	3666010	3667260	1300	43%	3666010	3667260	1300	43%
RTS_R4_-_1087	RNAP_peak_-_1181	3674690	3676390	1750	65%	3674690	3676390	1750	81%	3674315	3676390	2125	90%	3674315	3676390	2125	94%
RTS_R4_-_1088	RNAP_peak_-_1182					3676740	3677090	400	27%	3676740	3677090	400	27%	3676740	3677090	400	27%
RTS_R4_-_1089	RNAP_peak_-_1183	3678490	3679915	1475	97%	3678490	3679915	1475	97%	3678490	3679915	1475	97%	3678490	3679915	1475	97%
RTS_R4_-_1090	RNAP_peak_-_1184	3679940	3681490	1600	97%	3679940	3681565	1675	94%	3679940	3681565	1675	94%	3679940	3681565	1675	94%
RTS_R4_-_1091	RNAP_peak_-_1185	3681690	3684065	2425	74%	3681690	3684065	2425	74%	3681690	3684065	2425	76%	3681690	3684065	2425	76%
RTS_R4_-_1092	RNAP_peak_-_1186	3684090	3694366	10326	19%	3684090	3694366	10326	19%	3684090	3694366	10326	23%	3684090	3694391	10351	23%
RTS_R4_-_1093	RNAP_peak_-_1187	3697966	3698266	350	92%	3697966	3698266	350	92%	3697966	3698266	350	92%	3697966	3698266	350	92%
RTS_R4_-_1094	RNAP_peak_-_1188	3698516	3698541	75	100%	3698516	3698541	75	100%	3698516	3698566	100	100%	3698516	3698566	100	100%
RTS_R4_-_1095	RNAP_peak_-_1189	3699666	3705869	6253	99%	3699091	3705869	6828	91%	3699091	3705869	6828	91%	3699066	3705869	6853	97%
RTS_R4_-_1096	RNAP_peak_-_1190	3706644	3706694	100	100%	3706644	3706694	100	100%	3706619	3706694	125	100%	3706619	3706694	125	100%
RTS_R4_-_1097	RNAP_peak_-_1191	3706844	3708544	1750	26%	3706844	3708544	1750	26%	3706844	3708544	1750	26%	3706844	3708569	1775	29%
RTS_R4_-_1098	RNAP_peak_-_1193	3710319	3710994	725	100%	3710319	3710994	725	100%	3710269	3711019	800	97%	3710269	3711019	800	97%
RTS_R4_-_1099	RNAP_peak_-_1194	3712019	3714494	2525	94%	3712019	3714494	2525	94%	3712019	3714494	2525	94%	3712019	3714494	2525	94%
RTS_R4_-_1100	RNAP_peak_-_1195	3716369	3717094	775	100%	3716369	3717094	775	100%	3716369	3717094	775	100%	3716369	3717094	775	100%
RTS_R4_-_1101	RNAP_peak_-_1196	3720344	3723369	3075	100%	3720094	3723369	3325	95%	3720069	3723369	3350	95%	3720069	3723369	3350	95%
RTS_R4_-_1102	RNAP_peak_-_1197	3723569	3723694	175	33%	3723544	3723844	350	69%	3723544	3723844	350	69%	3723544	3723844	350	85%
RTS_R4_-_1103	RNAP_peak_-_1199	3726169	3728169	2050	63%	3726069	3728669	2650	63%	3725994	3728669	2725	79%	3725994	3728669	2725	79%
RTS_R4_-_1104	RNAP_peak_-_1200	3730496	3730821	375	57%	3730496	3730821	375	57%	3730496	3730821	375	64%	3730496	3730821	375	64%
RTS_R4_-_1105	RNAP_peak_-_1201	3734246	3735276	1080	90%	3734246	3735276	1080	90%	3734246	3735276	1080	90%	3734246	3735276	1080	90%
RTS_R4_-_1106	RNAP_peak_-_1202	3739701	3740526	875	94%	3739226	3740526	1350	72%	3739226	3740526	1350	72%	3739226	3740526	1350	72%
RTS_R4_-_1107										3748851	3749076	275	60%	3748851	3749076	275	60%
RTS_R4_-_1108	RNAP_peak_-_1203									3749251	3749726	525	90%	3749251	3749726	525	90%
RTS_R4_-_1109		3752876	3754501	1675	24%	3752876	3754501	1675	30%	3752876	3754526	1700	97%	3752876	3754526	1700	97%
RTS_R4_-_1110	RNAP_peak_-_1206	3756127	3759277	3200	97%	3756127	3759277	3200	97%	3756127	3759277	3200	97%	3756127	3759277	3200	97%
RTS_R4_-_1111	RNAP_peak_-_1207	3759327	3759977	700	100%	3759327	3759977	700	100%	3759327	3759977	700	100%	3759327	3759977	700	100%
RTS_R4_-_1112	RNAP_peak_-_1208									3763852	3764077	275	90%	3763852	3764077	275	90%
RTS_R4_-_1113	RNAP_peak_-_1209									3765602	3765677	125	75%	3765602	3765677	125	75%
RTS_R4_-_1114	RNAP_peak_-_1210	3768502	3769727	1275	16%	3768502	3769777	1325	25%	3768477	3769802	1375	70%	3768477	3769802	1375	72%
RTS_R4_-_1115	RNAP_peak_-_1211	3773877	3774627	800	77%	3773852	3774627	825	91%	3773827	3774627	850	94%	3773827	3774627	850	94%
RTS_R4_-_1116	RNAP_peak_-_1212	3779677	3780602	975	95%	3779677	3780602	975	95%	3779677	3780602	975	97%	3779677	3780602	975	97%

RTS_R4_-_1117	RNAP_peak_-_1213	3780627	3782177	1600	100%	3780627	3782177	1600	100%	3780627	3782177	1600	100%	3780627	3782177	1600	100%
RTS_R4_-_1118	RNAP_peak_-_1214	3782202	3782577	425	100%	3782202	3782577	425	100%	3782202	3782577	425	100%	3782202	3782577	425	100%
RTS_R4_-_1119	RNAP_peak_-_1215	3782602	3783052	500	100%	3782602	3783052	500	100%	3782602	3783052	500	100%	3782602	3783052	500	100%
RTS_R4_-_1120	RNAP_peak_-_1217	3788452	3790577	2175	91%	3788452	3790602	2200	94%	3788352	3790602	2300	96%	3788352	3790602	2300	96%
RTS_R4_-_1121	RNAP_peak_-_1218	3790902	3791702	850	82%	3790902	3791702	850	82%	3790827	3791802	1025	75%	3790827	3791802	1025	75%
RTS_R4_-_1122	RNAP_peak_-_1219	3795077	3797027	2000	49%	3795077	3797027	2000	49%	3794877	3797027	2200	47%	3794877	3797027	2200	53%
RTS_R4_-_1123	RNAP_peak_-_1220	3797327	3799054	1777	62%	3797327	3799054	1777	62%	3797327	3799054	1777	62%	3797327	3799054	1777	68%
RTS_R4_-_1124	RNAP_peak_-_1221	3799104	3800379	1325	71%	3799104	3800379	1325	71%	3799104	3800379	1325	71%	3799104	3800404	1350	81%
RTS_R4_-_1125	RNAP_peak_-_1222	3800454	3802454	2050	73%	3800454	3802454	2050	73%	3800454	3802454	2050	73%	3800454	3802454	2050	80%
RTS_R4_-_1126	RNAP_peak_-_1223	3802604	3803756	1202	77%	3802604	3803756	1202	77%	3802604	3803756	1202	77%	3802604	3803756	1202	79%
RTS_R4_-_1127	RNAP_peak_-_1224	3803806	3804856	1100	98%	3803806	3804856	1100	98%	3803806	3804856	1100	98%	3803806	3804856	1100	98%
RTS_R4_-_1128	RNAP_peak_-_1225	3804881	3806231	1400	96%	3804881	3806281	1450	95%	3804881	3806281	1450	95%	3804881	3806281	1450	95%
RTS_R4_-_1129	RNAP_peak_-_1226	3808556	3809181	675	85%	3808206	3809181	1025	88%	3808206	3809181	1025	88%	3808206	3809181	1025	88%
RTS_R4_-_1130	RNAP_peak_-_1227	3809281	3810006	775	100%	3809281	3810006	775	100%	3809281	3810006	775	100%	3809281	3810006	775	100%
RTS_R4_-_1131	RNAP_peak_-_1229	3813456	3814581	1175	80%	3813456	3814581	1175	80%	3813456	3814581	1175	80%	3813456	3814581	1175	80%
RTS_R4_-_1132	RNAP_peak_-_1231	3825481	3826756	1325	81%	3825231	3826856	1675	80%	3825231	3826856	1675	83%	3825231	3826856	1675	83%
RTS_R4_-_1133	RNAP_peak_-_1233	3836631	3838006	1425	84%	3836631	3838081	1500	81%	3836631	3838081	1500	81%	3836631	3838081	1500	81%
RTS_R4_-_1134	RNAP_peak_-_1236					3843806	3843981	225	88%	3843806	3843981	225	88%	3843806	3843981	225	88%
RTS_R4_-_1135	RNAP_peak_-_1237	3845456	3850806	5400	70%	3845306	3850806	5550	72%	3845306	3850806	5550	72%	3845306	3850806	5550	72%
RTS_R4_-_1136	RNAP_peak_-_1238	3850831	3851033	252	100%	3850831	3851033	252	100%	3850831	3851033	252	100%	3850831	3851033	252	100%
RTS_R4_-_1137	RNAP_peak_-_1240	3853608	3854408	850	64%	3853608	3854408	850	67%	3853608	3854408	850	70%	3853608	3854408	850	76%
RTS_R4_-_1138	RNAP_peak_-_1242	3862658	3864333	1725	76%	3862658	3864333	1725	78%	3862658	3864333	1725	78%	3862658	3864333	1725	78%
RTS_R4_-_1139	RNAP_peak_-_1243	3864483	3865008	575	59%	3864483	3865008	575	100%	3864483	3865008	575	100%	3864483	3865008	575	100%
RTS_R4_-_1140	RNAP_peak_-_1244	3865033	3865533	550	100%	3865033	3865708	725	86%	3865033	3865708	725	86%	3865033	3865708	725	86%
RTS_R4_-_1141		3866508	3867283	825	91%	3866508	3867283	825	91%	3866508	3867283	825	91%	3866508	3867283	825	91%
RTS_R4_-_1142	RNAP_peak_-_1245	3872543	3873168	675	92%	3870268	3873168	2950	26%	3870268	3873318	3100	36%	3870268	3873318	3100	36%
RTS_R4_-_1143	RNAP_peak_-_1246	3874168	3874968	850	97%	3874168	3874968	850	97%	3874168	3874968	850	97%	3874168	3874968	850	97%
RTS_R4_-_1144	RNAP_peak_-_1247	3875018	3875493	525	85%	3875018	3875493	525	85%	3875018	3875493	525	85%	3875018	3875493	525	90%
RTS_R4_-_1145	RNAP_peak_-_1248	3875718	3878246	2578	100%	3875618	3878271	2703	97%	3875618	3878271	2703	98%	3875618	3878271	2703	98%
RTS_R4_-_1146	RNAP_peak_-_1249	3878296	3879721	1475	97%	3878296	3879721	1475	100%	3878296	3879721	1475	100%	3878296	3879721	1475	100%
RTS_R4_-_1147	RNAP_peak_-_1250	3879746	3881946	2250	100%	3879746	3881946	2250	100%	3879746	3881971	2275	100%	3879746	3881971	2275	100%
RTS_R4_-_1148	RNAP_peak_-_1251									3891497	3891822	375	86%	3891497	3891822	375	86%
RTS_R4_-_1149	RNAP_peak_-_1252	3893297	3894647	1400	100%	3893297	3894647	1400	100%	3893297	3894647	1400	100%	3893297	3894647	1400	100%
RTS_R4_-_1150	RNAP_peak_-_1255	3904873	3909582	4759	97%	3904873	3909582	4759	97%	3904873	3909582	4759	97%	3904873	3909582	4759	97%
RTS_R4_-_1151	RNAP_peak_-_1256	3909882	3913357	3525	99%	3909882	3913357	3525	99%	3909882	3913357	3525	99%	3909882	3913357	3525	99%
RTS_R4_-_1152	RNAP_peak_-_1257	3913582	3920582	7050	100%	3913582	3920707	7175	100%	3913582	3920707	7175	100%	3913582	3920707	7175	100%
RTS_R4_-_1153	RNAP_peak_-_1258	3921082	3923732	2700	93%	3921082	3923732	2700	93%	3921007	3923732	2775	91%	3921007	3923732	2775	91%
RTS_R4_-_1154	RNAP_peak_-_1259	3923807	3924532	775	97%	3923807	3924532	775	97%	3923807	3924532	775	97%	3923807	3924532	775	97%
RTS_R4_-_1155	RNAP_peak_-_1260	3924632	3925007	425	69%	3924632	3925007	425	69%	3924632	3925007	425	69%	3924632	3925007	425	69%
RTS_R4_-_1156	RNAP_peak_-_1261	3926207	3927682	1525	78%	3926207	3927682	1525	78%	3926132	3927682	1600	76%	3926132	3927682	1600	83%
RTS_R4_-_1157	RNAP_peak_-_1262	3927732	3929132	1450	96%	3927732	3929157	1475	97%	3927732	3929157	1475	97%	3927732	3929157	1475	100%
RTS_R4_-_1158	RNAP_peak_-_1263	3938557	3939357	850	100%	3938057	3939357	1350	64%	3938057	3939407	1400	69%	3938057	3939432	1425	70%
RTS_R4_-_1159	RNAP_peak_-_1264	3945188	3945988	850	70%	3945138	3946063	975	84%	3945088	3946063	1025	82%	3945088	3946063	1025	82%
RTS_R4_-_1160	RNAP_peak_-_1266	3954782	3955861	1129	77%	3954632	3955861	1279	80%	3954632	3955961	1379	76%	3954632	3955961	1379	76%
RTS_R4_-_1161	RNAP_peak_-_1267	3957586	3957911	375	100%	3957586	3957911	375	100%	3957586	3957911	375	100%	3957586	3957911	375	100%
RTS_R4_-_1162	RNAP_peak_-_1268	3958036	3958461	475	50%	3958036	3958461	475	61%	3958036	3958486	500	84%	3958036	3958486	500	89%

RTS_R4_-_1163	RNAP_peak_-_1269	3960761	3963686	2975	95%	3960761	3963736	3025	94%	3960761	3963736	3025	94%	3960761	3963736	3025	94%
RTS_R4_-_1164	RNAP_peak_-_1270					3982537	3982962	475	28%	3982537	3983937	1450	12%	3982537	3983937	1450	12%
RTS_R4_-_1165	RNAP_peak_-_1271	3984737	3987412	2725	99%	3984737	3987412	2725	99%	3984737	3987412	2725	99%	3984737	3987412	2725	99%
RTS_R4_-_1166	RNAP_peak_-_1272	3987437	3988937	1550	98%	3987437	3988937	1550	98%	3987437	3988937	1550	98%	3987437	3988937	1550	98%
RTS_R4_-_1167	RNAP_peak_-_1273	3991590	3992115	575	86%	3991490	3992115	675	77%	3991490	3992115	675	77%	3991490	3992115	675	81%
RTS_R4_-_1168	RNAP_peak_-_1276	4001415	4002715	1350	68%	4001415	4002715	1350	68%	4001315	4002715	1450	65%	4001315	4002715	1450	65%
RTS_R4_-_1169	RNAP_peak_-_1277	4006340	4007065	775	93%	4006340	4007065	775	93%	4006340	4007065	775	93%	4006340	4007065	775	97%
RTS_R4_-_1170	RNAP_peak_-_1278	4009715	4010865	1200	89%	4009240	4010940	1750	81%	4009240	4010940	1750	81%	4009240	4010940	1750	81%
RTS_R4_-_1171	RNAP_peak_-_1279	4013390	4014215	875	100%	4013365	4014340	1025	95%	4013290	4014340	1100	91%	4013290	4014340	1100	91%
RTS_R4_-_1172	RNAP_peak_-_1280	4022365	4023065	750	72%	4022365	4023065	750	72%	4022365	4023065	750	72%	4022365	4023065	750	76%
RTS_R4_-_1173	RNAP_peak_-_1281	4025540	4028992	3502	66%	4025540	4028992	3502	66%	4025315	4029017	3752	84%	4025315	4029017	3752	84%
RTS_R4_-_1174	RNAP_peak_-_1282	4038945	4040070	1175	91%	4038920	4040120	1250	90%	4038920	4040120	1250	90%	4038920	4040120	1250	90%
RTS_R4_-_1175	RNAP_peak_-_1283	4043881	4044581	750	52%	4043881	4044581	750	52%	4043881	4044581	750	52%	4043881	4044581	750	55%
RTS_R4_-_1176	RNAP_peak_-_1284	4048181	4048806	675	100%	4048056	4048806	800	90%	4048056	4048806	800	90%	4048056	4048806	800	90%
RTS_R4_-_1177	RNAP_peak_-_1285	4051406	4051831	475	89%	4051406	4051831	475	89%	4051406	4051831	475	89%	4051406	4051831	475	89%
RTS_R4_-_1178	RNAP_peak_-_1286	4051881	4054356	2525	98%	4051881	4054356	2525	98%	4051881	4054356	2525	98%	4051881	4054356	2525	100%
RTS_R4_-_1179	RNAP_peak_-_1287	4054381	4056206	1875	96%	4054381	4056206	1875	96%	4054381	4056206	1875	96%	4054381	4056206	1875	99%
RTS_R4_-_1180	RNAP_peak_-_1290	4078433	4079383	1000	95%	4078433	4079383	1000	95%	4078433	4079383	1000	95%	4078433	4079383	1000	95%
RTS_R4_-_1181	RNAP_peak_-_1291	4079433	4083958	4575	88%	4079433	4083958	4575	88%	4079433	4083958	4575	89%	4079433	4083958	4575	89%
RTS_R4_-_1182	RNAP_peak_-_1293									4096970	4098720	1800	48%	4096970	4098720	1800	48%
RTS_R4_-_1183	RNAP_peak_-_1294	4100595	4100620	75	100%	4100395	4100770	425	56%	4100395	4100770	425	56%	4100395	4100770	425	56%
RTS_R4_-_1184	RNAP_peak_-_1295	4101570	4104020	2500	98%	4101570	4104020	2500	98%	4101570	4104020	2500	98%	4101570	4104045	2525	99%
RTS_R4_-_1185	RNAP_peak_-_1296	4108823	4109698	925	100%	4108823	4109698	925	100%	4108823	4109698	925	100%	4108798	4109698	950	100%
RTS_R4_-_1186	RNAP_peak_-_1297	4109748	4110223	525	100%	4109748	4110223	525	100%	4109748	4110223	525	100%	4109748	4110223	525	100%
RTS_R4_-_1187	RNAP_peak_-_1298	4111648	4112498	900	100%	4111648	4112498	900	100%	4111648	4112523	925	100%	4111648	4112523	925	100%
RTS_R4_-_1188		4112623	4113598	1025	97%	4112623	4113598	1025	97%	4112623	4113598	1025	97%	4112623	4113598	1025	97%
RTS_R4_-_1189	RNAP_peak_-_1299	4113998	4115323	1375	54%	4113998	4115748	1800	51%	4113998	4115748	1800	54%	4113998	4115748	1800	58%
RTS_R4_-_1190	RNAP_peak_-_1300	4116923	4117398	525	100%	4116898	4117398	550	100%	4116898	4117398	550	100%	4116898	4117398	550	100%
RTS_R4_-_1191	RNAP_peak_-_1301	4117448	4118398	1000	100%	4117448	4118398	1000	100%	4117448	4118398	1000	100%	4117448	4118398	1000	100%
RTS_R4_-_1192	RNAP_peak_-_1302	4118473	4120323	1900	100%	4118448	4120323	1925	100%	4118448	4120323	1925	100%	4118448	4120323	1925	100%
RTS_R4_-_1193	RNAP_peak_-_1303	4120373	4121123	800	90%	4120373	4121123	800	90%	4120373	4121123	800	90%	4120373	4121123	800	90%
RTS_R4_-_1194	RNAP_peak_-_1304	4121148	4122523	1425	98%	4121148	4122523	1425	98%	4121148	4122523	1425	98%	4121148	4122523	1425	98%
RTS_R4_-_1195	RNAP_peak_-_1305	4122673	4124823	2200	76%	4122673	4124898	2275	74%	4122673	4124898	2275	74%	4122673	4124898	2275	74%
RTS_R4_-_1196	RNAP_peak_-_1306	4125698	4126548	900	100%	4125298	4126548	1300	100%	4125298	4126548	1300	100%	4125298	4126548	1300	100%
RTS_R4_-_1197	RNAP_peak_-_1307									4131373	4131773	450	65%	4131373	4131773	450	65%
RTS_R4_-_1198		4136548	4137123	625	21%	4136123	4137123	1050	54%	4136123	4140223	4150	17%	4136123	4140223	4150	22%
RTS_R4_-_1199	RNAP_peak_-_1308	4145673	4146323	700	59%	4145673	4146323	700	59%	4145673	4146323	700	59%	4145673	4146323	700	59%
RTS_R4_-_1200	RNAP_peak_-_1309	4146423	4148323	1950	100%	4146423	4148323	1950	100%	4146423	4148323	1950	100%	4146423	4148323	1950	100%
RTS_R4_-_1201	RNAP_peak_-_1310	4148473	4151273	2850	99%	4148473	4151273	2850	99%	4148473	4151273	2850	99%	4148473	4151273	2850	99%
RTS_R4_-_1202		4151373	4153073	1750	97%	4151373	4153073	1750	97%	4151373	4153173	1850	96%	4151373	4153198	1875	99%
RTS_R4_-_1203	RNAP_peak_-_1311	4156348	4156398	100	100%	4156348	4156398	100	100%	4156348	4156398	100	100%	4156348	4156398	100	100%
RTS_R4_-_1204	RNAP_peak_-_1312	4157273	4158810	1587	97%	4157273	4158810	1587	97%	4157273	4158810	1587	97%	4157273	4158810	1587	97%
RTS_R4_-_1205	RNAP_peak_-_1313	4159885	4161285	1450	89%	4159885	4161285	1450	89%	4159885	4161285	1450	89%	4159885	4161285	1450	89%
RTS_R4_-_1206	RNAP_peak_-_1314					4164360	4164485	175	83%	4164310	4164560	300	91%	4164310	4164560	300	100%
RTS_R4_-_1207	RNAP_peak_-_1315	4172110	4173110	1050	98%	4172110	4173110	1050	98%	4172110	4173110	1050	98%	4172110	4173110	1050	98%
RTS_R4_-_1208	RNAP_peak_-_1316	4188399	4188599	250	89%	4188399	4188599	250	89%	4188399	4188599	250	89%	4188399	4188599	250	89%

RTS_R4_-_1209	RNAP_peak_-_1317	4188649	4194324	5725	100%	4188649	4194324	5725	100%	4188649	4194324	5725	100%	4188649	4194324	5725	100%
RTS_R4_-_1210	RNAP_peak_-_1318	4194349	4194874	575	100%	4194349	4194874	575	100%	4194349	4194874	575	100%	4194349	4194949	650	100%
RTS_R4_-_1211														4199249	4199699	500	89%
RTS_R4_-_1212	RNAP_peak_-_1319	4202699	4205574	2925	100%	4202699	4205574	2925	100%	4202624	4205574	3000	99%	4202624	4205574	3000	99%
RTS_R4_-_1213	RNAP_peak_-_1320	4211727	4212077	400	80%	4211552	4212102	600	83%	4211302	4212102	850	85%	4211302	4212102	850	85%
RTS_R4_-_1214	RNAP_peak_-_1322	4220832	4221657	875	94%	4220832	4221657	875	94%	4220832	4221657	875	94%	4220832	4221657	875	94%
RTS_R4_-_1215	RNAP_peak_-_1323	4227707	4228157	500	37%	4227707	4228157	500	47%	4227707	4228157	500	47%	4227707	4228157	500	74%
RTS_R4_-_1216	RNAP_peak_-_1324	4229258	4229708	500	100%	4229258	4229708	500	100%	4229258	4229708	500	100%	4229258	4229708	500	100%
RTS_R4_-_1217	RNAP_peak_-_1325	4229733	4231533	1850	100%	4229733	4231533	1850	100%	4229733	4231533	1850	100%	4229733	4231533	1850	100%
RTS_R4_-_1218	RNAP_peak_-_1326					4237983	4238158	225	38%	4237783	4238158	425	31%	4237783	4238158	425	31%
RTS_R4_-_1219	RNAP_peak_-_1328	4240958	4244459	3551	45%	4240958	4244459	3551	45%	4240958	4244459	3551	45%	4240958	4244459	3551	45%
RTS_R4_-_1220	RNAP_peak_-_1329	4252059	4254617	2608	100%	4252059	4254617	2608	100%	4252059	4254617	2608	100%	4252059	4254642	2633	100%
RTS_R4_-_1221	RNAP_peak_-_1330	4257492	4258017	575	86%	4257492	4258017	575	86%	4257492	4258017	575	86%	4257492	4258042	600	87%
RTS_R4_-_1222	RNAP_peak_-_1331	4261292	4262292	1050	98%	4261292	4262292	1050	98%	4261292	4262292	1050	98%	4261292	4262292	1050	100%
RTS_R4_-_1223	RNAP_peak_-_1333	4269167	4271942	2825	95%	4269167	4271942	2825	95%	4269167	4271942	2825	95%	4269167	4271942	2825	95%
RTS_R4_-_1224	RNAP_peak_-_1334	4272892	4273142	300	91%	4272817	4273167	400	87%	4272817	4273167	400	87%	4272817	4273167	400	87%
RTS_R4_-_1225	RNAP_peak_-_1335	4275067	4275417	400	93%	4275067	4275417	400	93%	4275067	4275417	400	93%	4275067	4275417	400	93%
RTS_R4_-_1226	RNAP_peak_-_1336	4275942	4276092	200	86%	4275942	4276092	200	86%	4275942	4276092	200	86%	4275942	4276092	200	86%
RTS_R4_-_1227	RNAP_peak_-_1338	4281292	4285393	4151	71%	4281292	4285393	4151	71%	4281292	4285393	4151	73%	4281292	4285393	4151	73%
RTS_R4_-_1228	RNAP_peak_-_1339	4293868	4295143	1325	88%	4293868	4295143	1325	88%	4293868	4295143	1325	88%	4293868	4295143	1325	88%
RTS_R4_-_1229	RNAP_peak_-_1340	4295368	4297343	2025	38%	4295368	4297443	2125	68%	4295368	4297443	2125	69%	4295368	4297493	2175	76%
RTS_R4_-_1230	RNAP_peak_-_1344	4310194	4311019	875	94%	4310194	4311019	875	94%	4310194	4311019	875	94%	4310194	4311019	875	94%
RTS_R4_-_1231	RNAP_peak_-_1345	4312369	4313619	1300	57%	4312369	4313619	1300	57%	4312369	4313694	1375	57%	4312369	4313694	1375	57%
RTS_R4_-_1232	RNAP_peak_-_1346	4323344	4323744	450	71%	4323344	4323769	475	78%	4323319	4323769	500	100%	4323319	4323769	500	100%
RTS_R4_-_1233	RNAP_peak_-_1347	4323844	4324819	1025	100%	4323844	4324819	1025	100%	4323844	4324819	1025	100%	4323844	4324819	1025	100%
RTS_R4_-_1234	RNAP_peak_-_1348	4330294	4332269	2025	69%	4330294	4332269	2025	70%	4330294	4332269	2025	75%	4330294	4332269	2025	76%
RTS_R4_-_1235	RNAP_peak_-_1350	4338769	4339644	925	31%	4338769	4339644	925	31%	4338769	4339644	925	94%	4338769	4339644	925	94%
RTS_R4_-_1236	RNAP_peak_-_1351	4343094	4344794	1750	25%	4343094	4345819	2775	19%	4342994	4346769	3825	21%	4342994	4347069	4125	37%
RTS_R4_-_1237	RNAP_peak_-_1352	4347473	4348573	1150	96%	4347473	4348573	1150	96%	4347298	4348573	1325	85%	4347298	4348573	1325	85%
RTS_R4_-_1238	RNAP_peak_-_1353	4348673	4349673	1050	59%	4348673	4349673	1050	61%	4348673	4349723	1100	60%	4348673	4349723	1100	60%
RTS_R4_-_1239	RNAP_peak_-_1354	4351248	4352823	1625	91%	4351248	4352823	1625	91%	4351248	4352823	1625	91%	4351248	4352848	1650	94%
RTS_R4_-_1240	RNAP_peak_-_1355	4352973	4353298	375	57%	4352973	4353898	975	34%	4352973	4353898	975	34%	4352973	4353898	975	42%
RTS_R4_-_1241	RNAP_peak_-_1359	4360574	4360649	125	75%	4360574	4360649	125	75%	4360574	4360649	125	100%	4360574	4360649	125	100%
RTS_R4_-_1242	RNAP_peak_-_1360	4360674	4361249	625	100%	4360674	4361249	625	100%	4360674	4361249	625	100%	4360674	4361249	625	100%
RTS_R4_-_1243	RNAP_peak_-_1361	4361274	4363574	2350	96%	4361274	4363574	2350	96%	4361274	4363574	2350	96%	4361274	4363574	2350	96%
RTS_R4_-_1244	RNAP_peak_-_1362	4363624	4364849	1275	100%	4363624	4364849	1275	100%	4363624	4364849	1275	100%	4363624	4364849	1275	100%
RTS_R4_-_1245	RNAP_peak_-_1363	4364899	4366424	1575	73%	4364899	4366424	1575	79%	4364899	4366424	1575	97%	4364899	4366424	1575	97%
RTS_R4_-_1246	RNAP_peak_-_1364	4367249	4368449	1250	94%	4367249	4368449	1250	94%	4367249	4368449	1250	94%	4367249	4368449	1250	94%
RTS_R4_-_1247	RNAP_peak_-_1366	4372649	4373774	1175	93%	4372649	4373774	1175	93%	4372649	4373774	1175	93%	4372649	4373774	1175	93%
RTS_R4_-_1248	RNAP_peak_-_1367	4375174	4375749	625	96%	4375174	4375749	625	100%	4375024	4375749	775	90%	4375024	4375749	775	90%
RTS_R4_-_1249	RNAP_peak_-_1368	4375999	4376974	1025	90%	4375999	4376974	1025	90%	4375999	4376974	1025	90%	4375999	4376974	1025	90%
RTS_R4_-_1250	RNAP_peak_-_1369	4377399	4380424	3075	84%	4377074	4380424	3400	89%	4377074	4380424	3400	93%	4377074	4380424	3400	95%
RTS_R4_-_1251	RNAP_peak_-_1370	4383999	4388449	4500	72%	4383999	4388449	4500	72%	4383999	4388449	4500	72%	4383999	4388449	4500	72%
RTS_R4_-_1252	RNAP_peak_-_1371	4388474	4389575	1151	100%	4388474	4389575	1151	100%	4388474	4389575	1151	100%	4388474	4389575	1151	100%
RTS_R4_-_1253	RNAP_peak_-_1372	4391177	4392077	950	70%	4391177	4392077	950	70%	4391177	4392077	950	70%	4391077	4392077	1050	78%
RTS_R4_-_1254	RNAP_peak_-_1373	4414220	4414745	575	82%	4414120	4414895	825	88%	4413870	4414895	1075	98%	4413870	4414895	1075	98%

RTS_R4_-_1255	RNAP_peak_-_1374	4415695	4416470	825	81%	4415695	4416470	825	81%	4415695	4416470	825	81%	4415695	4416470	825	81%
RTS_R4_-_1256						4417095	4417595	550	38%	4416745	4417595	900	34%	4416745	4417595	900	34%
RTS_R4_-_1257	RNAP_peak_-_1375					4422545	4422845	350	92%	4422495	4422845	400	100%	4422495	4422845	400	100%
RTS_R4_-_1258	RNAP_peak_-_1377	4426070	4426820	800	97%	4426070	4426820	800	97%	4426070	4426820	800	97%	4426070	4426820	800	97%
RTS_R4_-_1259	RNAP_peak_-_1378									4427395	4427695	350	62%	4427395	4427695	350	62%
RTS_R4_-_1260										4429445	4429995	600	74%	4429445	4429995	600	74%
RTS_R4_-_1261	RNAP_peak_-_1380	4431245	4432045	850	58%	4431245	4432045	850	64%	4431245	4432045	850	64%	4431245	4432045	850	64%
RTS_R4_-_1262	RNAP_peak_-_1381	4432720	4434620	1950	87%	4432720	4434620	1950	87%	4432720	4434620	1950	87%	4432720	4434620	1950	87%
RTS_R4_-_1263	RNAP_peak_-_1382	4437145	4437295	200	43%	4436795	4437345	600	74%	4436795	4437345	600	83%	4436795	4437345	600	83%
RTS_R4_-_1264	RNAP_peak_-_1383	4437921	4439397	1526	77%	4437921	4439397	1526	77%	4437896	4439397	1551	79%	4437896	4439397	1551	79%
RTS_R4_-_1265	RNAP_peak_-_1384	4439472	4440272	850	94%	4439472	4440272	850	94%	4439472	4440272	850	94%	4439472	4440272	850	94%
RTS_R4_-_1266	RNAP_peak_-_1385	4447147	4447697	600	100%	4447147	4447697	600	100%	4447147	4447697	600	100%	4447147	4447697	600	100%
RTS_R4_-_1267	RNAP_peak_-_1386	4452647	4453647	1050	100%	4452647	4453647	1050	100%	4452647	4453772	1175	100%	4452647	4453772	1175	100%
RTS_R4_-_1268	RNAP_peak_-_1387	4455147	4455947	850	100%	4455147	4455947	850	100%	4455147	4455947	850	100%	4455147	4455947	850	100%
RTS_R4_-_1269	RNAP_peak_-_1388	4458497	4460806	2359	59%	4458072	4460831	2809	74%	4458072	4460831	2809	89%	4458072	4460831	2809	89%
RTS_R4_-_1270	RNAP_peak_-_1389	4464356	4465331	1025	70%	4462881	4465331	2500	37%	4462881	4465331	2500	37%	4462881	4465331	2500	38%
RTS_R4_-_1271	RNAP_peak_-_1390	4468460	4468935	525	100%	4468460	4468935	525	100%	4468460	4468935	525	100%	4468460	4468935	525	100%
RTS_R4_-_1272	RNAP_peak_-_1391	4468960	4470560	1650	100%	4468960	4470610	1700	100%	4468960	4470685	1775	97%	4468960	4470710	1800	99%
RTS_R4_-_1273	RNAP_peak_-_1392	4470835	4471210	425	100%	4470835	4471210	425	100%	4470760	4471210	500	89%	4470760	4471260	550	90%
RTS_R4_-_1274	RNAP_peak_-_1393					4471410	4472060	700	56%	4471410	4472060	700	56%	4471410	4472060	700	56%
RTS_R4_-_1275	RNAP_peak_-_1394	4475335	4476335	1050	100%	4475235	4476335	1150	96%	4475235	4476335	1150	96%	4475235	4476335	1150	96%
RTS_R4_-_1276	RNAP_peak_-_1395	4477135	4477560	475	100%	4477085	4477560	525	95%	4477085	4477560	525	95%	4477085	4477560	525	95%
RTS_R4_-_1277	RNAP_peak_-_1396	4479013	4481938	2975	100%	4479013	4481938	2975	100%	4479013	4481938	2975	100%	4479013	4481938	2975	100%
RTS_R4_-_1278	RNAP_peak_-_1397	4481963	4482338	425	100%	4481963	4482338	425	100%	4481963	4482338	425	100%	4481963	4482338	425	100%
RTS_R4_-_1279	RNAP_peak_-_1398	4482363	4484138	1825	100%	4482363	4484138	1825	100%	4482363	4484138	1825	100%	4482363	4484138	1825	100%
RTS_R4_-_1280	RNAP_peak_-_1399	4486513	4488088	1625	95%	4486513	4488088	1625	95%	4486488	4488088	1650	100%	4486488	4488088	1650	100%
RTS_R4_-_1281	RNAP_peak_-_1400	4488238	4489613	1425	84%	4488188	4489613	1475	83%	4488188	4489613	1475	83%	4488138	4489613	1525	87%
RTS_R4_-_1282	RNAP_peak_-_1402	4493413	4494238	875	94%	4493413	4494238	875	94%	4493338	4494238	950	97%	4493338	4494238	950	97%
RTS_R4_-_1283	RNAP_peak_-_1403	4497288	4497538	300	100%	4497288	4497538	300	100%	4497288	4497538	300	100%	4497288	4497538	300	100%
RTS_R4_-_1284	RNAP_peak_-_1404	4498313	4498513	250	100%	4498288	4498513	275	100%	4498063	4498513	500	74%	4498063	4498513	500	74%
RTS_R4_-_1285	RNAP_peak_-_1406	4500163	4501438	1325	65%	4500163	4501438	1325	65%	4500163	4501438	1325	69%	4500163	4501438	1325	69%
RTS_R4_-_1286	RNAP_peak_-_1407					4504713	4504888	225	63%	4504713	4504888	225	63%	4504713	4504888	225	63%
RTS_R4_-_1287	RNAP_peak_-_1408	4505488	4506688	1250	96%	4505488	4506688	1250	96%	4505488	4506688	1250	96%	4505488	4506688	1250	98%
RTS_R4_-_1288	RNAP_peak_-_1409	4508670	4512620	4000	14%	4508670	4512620	4000	14%	4508670	4512620	4000	14%	4508620	4512720	4150	18%
RTS_R4_-_1289	RNAP_peak_-_1410	4513545	4516270	2775	45%	4513545	4516270	2775	45%	4513545	4516270	2775	46%	4512995	4516270	3325	55%
RTS_R4_-_1290	RNAP_peak_-_1411	4516620	4518470	1900	76%	4516620	4518470	1900	77%	4516620	4518470	1900	77%	4516620	4518470	1900	77%
RTS_R4_-_1291	RNAP_peak_-_1415	4524420	4525820	1450	9%	4524420	4525820	1450	11%	4524420	4525870	1500	59%	4524420	4525870	1500	59%
RTS_R4_-_1292	RNAP_peak_-_1416	4526045	4529420	3425	4%	4525970	4529420	3500	5%	4525920	4529670	3800	99%	4525920	4529670	3800	99%
RTS_R4_-_1293		4529970	4530320	400	93%	4529945	4530320	425	94%	4529945	4530320	425	94%	4529945	4530345	450	100%
RTS_R4_-_1294	RNAP_peak_-_1417					4531270	4531920	700	37%	4531270	4531920	700	37%	4530445	4531920	1525	22%
RTS_R4_-_1295	RNAP_peak_-_1419	4535645	4536820	1225	38%	4535645	4536820	1225	54%	4535645	4536820	1225	54%	4535645	4536895	1300	80%
RTS_R4_-_1296						4547846	4549271	1475	69%	4547846	4549271	1475	69%	4547846	4549271	1475	69%
RTS_R4_-_1297	RNAP_peak_-_1422	4555721	4556346	675	96%	4555571	4556346	825	81%	4555571	4556371	850	82%	4555571	4556371	850	82%
RTS_R4_-_1298	RNAP_peak_-_1423	4556421	4557646	1275	98%	4556421	4557646	1275	98%	4556396	4557646	1300	100%	4556396	4557646	1300	100%
RTS_R4_-_1299														4558121	4558872	801	26%
RTS_R4_-_1300	RNAP_peak_-_1424	4565073	4565173	150	100%	4560697	4565198	4551	7%	4559772	4565198	5476	13%	4559772	4565198	5476	22%

RTS_R4_-_1301	RNAP_peak_-_1425	4566448	4566756	358	54%	4565323	4566756	1483	41%	4565323	4566756	1483	41%	4565323	4566756	1483	43%
RTS_R4_-_1302	RNAP_peak_-_1426	4568306	4569631	1375	81%	4568306	4569631	1375	81%	4568306	4569631	1375	81%	4568306	4569631	1375	81%
RTS_R4_-_1303	RNAP_peak_-_1427	4576044	4577344	1350	81%	4576044	4577344	1350	81%	4576044	4577344	1350	81%	4576044	4577344	1350	81%
RTS_R4_-_1304	RNAP_peak_-_1428	4577570	4577820	300	27%	4577570	4577845	325	33%	4577570	4577845	325	33%	4577570	4577845	325	33%
RTS_R4_-_1305	RNAP_peak_-_1429	4578170	4581171	3051	98%	4578170	4581171	3051	98%	4578170	4581171	3051	98%	4578170	4581221	3101	98%
RTS_R4_-_1306	RNAP_peak_-_1430	4581271	4584849	3628	99%	4581271	4584849	3628	99%	4581271	4584849	3628	99%	4581271	4584849	3628	99%
RTS_R4_-_1307		4585949	4587049	1150	96%	4585949	4587049	1150	96%	4585949	4587049	1150	96%	4585949	4587049	1150	96%
RTS_R4_-_1308	RNAP_peak_-_1431													4587224	4589374	2200	93%
RTS_R4_-_1309										4593224	4593899	725	61%	4593224	4593899	725	61%
RTS_R4_-_1310	RNAP_peak_-_1433	4595199	4597474	2325	95%	4595199	4597474	2325	95%	4595199	4597474	2325	95%	4595174	4597499	2375	95%
RTS_R4_-_1311	RNAP_peak_-_1434	4597724	4599599	1925	97%	4597724	4599599	1925	97%	4597724	4599599	1925	97%	4597724	4599599	1925	97%
RTS_R4_-_1312	RNAP_peak_-_1435					4600699	4600874	225	25%	4600699	4600874	225	25%	4600324	4600899	625	50%
RTS_R4_-_1313	RNAP_peak_-_1436	4602649	4603699	1100	93%	4602649	4603699	1100	93%	4602649	4603699	1100	93%	4602599	4603699	1150	96%
RTS_R4_-_1314	RNAP_peak_-_1437	4604049	4604424	425	100%	4604049	4604424	425	100%	4604049	4604424	425	100%	4604049	4604424	425	100%
RTS_R4_-_1315	RNAP_peak_-_1438	4604624	4605724	1150	96%	4604624	4605724	1150	96%	4604624	4605724	1150	96%	4604624	4605724	1150	96%
RTS_R4_-_1316	RNAP_peak_-_1439					4614274	4615074	850	24%	4614274	4615074	850	24%	4614049	4615099	1100	65%
RTS_R4_-_1317	RNAP_peak_-_1440	4621274	4622799	1575	97%	4621274	4622799	1575	97%	4621274	4622799	1575	97%	4621274	4622799	1575	97%
RTS_R4_-_1318	RNAP_peak_-_1441	4626824	4628549	1775	100%	4626824	4628549	1775	100%	4626824	4628549	1775	100%	4626824	4628549	1775	100%
RTS_R4_-_1319	RNAP_peak_-_1442	4631099	4631774	725	89%	4631099	4631774	725	89%	4631099	4631774	725	89%	4631099	4631774	725	89%
RTS_R4_-_1320	RNAP_peak_-_1443	4632374	4633349	1025	100%	4632374	4633349	1025	100%	4632374	4633349	1025	100%	4632374	4633349	1025	100%
RTS_R4_-_1321	RNAP_peak_-_1444	4637618	4638668	1100	100%	4637618	4638668	1100	100%	4637618	4638668	1100	100%	4637618	4638693	1125	100%

Supplementary Table 4: Genome-scale determination of transcription start sites (TSSs), mapping onto RTSs. Abbreviations: R1, log phase; R2, log phase+heat-shocked condition; R3, log phase+heat-shocked condition+stationary phase.

TSS ID	Strand	TSS position	Sequencing Reads			RTS ID
			R1	R2	R3	
TSS-FWD-1	FWD	148	3459	3502	3522	RTS_R4+_1
TSS-FWD-2	FWD	163	774	774	774	RTS_R4+_1
TSS-FWD-3	FWD	170	734	735	736	RTS_R4+_1
TSS-FWD-4	FWD	2688	72	72	72	RTS_R4+_2
TSS-FWD-5	FWD	5118	3	3	3	RTS_R4+_3
TSS-FWD-6	FWD	8191	933	936	938	RTS_R4+_4
TSS-FWD-7	FWD	8198	3122	3130	3136	RTS_R4+_4
TSS-FWD-8	FWD	8204	197	197	197	RTS_R4+_4
TSS-FWD-9	FWD	8211	110	110	110	RTS_R4+_4
TSS-FWD-10	FWD	8230	71	71	73	RTS_R4+_4
TSS-FWD-11	FWD	9277	137	138	138	RTS_R4+_5
TSS-FWD-12	FWD	12048	1960	2181	2226	RTS_R4+_6
TSS-FWD-13	FWD	12123	627	729	743	RTS_R4+_6
TSS-FWD-14	FWD	12159	140	189	192	RTS_R4+_6
TSS-FWD-15	FWD	12142	2307	2833	2857	RTS_R4+_6
TSS-FWD-16	FWD	14052	60	202	208	RTS_R4+_7
TSS-FWD-17	FWD	15247		17	17	RTS_R4+_8
TSS-FWD-18	FWD	15253	1	15	15	RTS_R4+_8
TSS-FWD-19	FWD	15276	5	12	12	RTS_R4+_8
TSS-FWD-20	FWD	15338	15	15	15	RTS_R4+_8
TSS-FWD-21	FWD	16959	2	2	4	RTS_R4+_9
TSS-FWD-22	FWD	17462	25	25	25	RTS_R4+_10
TSS-FWD-23	FWD	19727	4	4	4	RTS_R4+_11
TSS-FWD-24	FWD	19742	3	3	3	RTS_R4+_11
TSS-FWD-25	FWD	20912	32	45	45	RTS_R4+_12
TSS-FWD-26	FWD	21383	15	15	15	RTS_R4+_13
TSS-FWD-27	FWD	21395	9	9	9	RTS_R4+_13
TSS-FWD-28	FWD	24971	26	26	26	RTS_R4+_14
TSS-FWD-29	FWD	25006	25	26	26	RTS_R4+_14
TSS-FWD-30	FWD	25695	53	53	53	RTS_R4+_15
TSS-FWD-31	FWD	25698	55	55	55	RTS_R4+_15
TSS-FWD-32	FWD	25701	57	57	57	RTS_R4+_15
TSS-FWD-33	FWD	25804	36	36	36	RTS_R4+_15
TSS-FWD-34	FWD	28289	59	59	59	RTS_R4+_16
TSS-FWD-35	FWD	28343	47	48	49	RTS_R4+_16
TSS-FWD-36	FWD	29551	27	27	27	RTS_R4+_17
TSS-FWD-37	FWD	29620	412	412	412	RTS_R4+_17
TSS-FWD-38	FWD	29632	68	68	68	RTS_R4+_17
TSS-FWD-39	FWD	34226	63	65	65	RTS_R4+_18
TSS-FWD-40	FWD	34273	53	53	53	RTS_R4+_18
TSS-FWD-41	FWD	47215	143	145	145	RTS_R4+_19
TSS-FWD-42	FWD	49788	12	12	22	RTS_R4+_20
TSS-FWD-43	FWD	49799	368	368	368	RTS_R4+_20
TSS-FWD-44	FWD	57259	28	28	28	RTS_R4+_21
TSS-FWD-45	FWD	57261	31	31	31	RTS_R4+_21
TSS-FWD-46	FWD	58946	178	178	178	RTS_R4+_22
TSS-FWD-47	FWD	70221	82	89	92	RTS_R4+_23
TSS-FWD-48	FWD	71240	20	20	20	RTS_R4+_24
TSS-FWD-49	FWD	71271	13	13	17	RTS_R4+_24
TSS-FWD-50	FWD	77357	13	13	13	RTS_R4+_25
TSS-FWD-51	FWD	77367	6	10	11	RTS_R4+_25
TSS-FWD-52	FWD	84298	21	22	22	RTS_R4+_26
TSS-FWD-53	FWD	84307	29	30	30	RTS_R4+_26
TSS-FWD-54	FWD	85599	10	10	10	RTS_R4+_27
TSS-FWD-55	FWD	85604	12	12	13	RTS_R4+_27
TSS-FWD-56	FWD	87837	37	37	37	RTS_R4+_28
TSS-FWD-57	FWD	87868	40	40	40	RTS_R4+_28
TSS-FWD-58	FWD	87969	37	37	38	RTS_R4+_28

TSS-FWD-59	FWD	89589	792	802	820	RTS_R4+_29
TSS-FWD-60	FWD	89954	86	86	86	RTS_R4+_30
TSS-FWD-61	FWD	90014	11	11	11	RTS_R4+_30
TSS-FWD-62	FWD	90327	252	253	254	RTS_R4+_31
TSS-FWD-63	FWD	90682	91	91	92	RTS_R4+_32
TSS-FWD-64	FWD	91028	4	16	27	RTS_R4+_32
TSS-FWD-65	FWD	93137	87	87	90	RTS_R4+_33
TSS-FWD-66	FWD	93145	63	63	64	RTS_R4+_33
TSS-FWD-67	FWD	100740	198	198	198	RTS_R4+_34
TSS-FWD-68	FWD	100750	80	80	81	RTS_R4+_34
TSS-FWD-69	FWD	102763	141	141	141	RTS_R4+_35
TSS-FWD-70	FWD	104560	190	212	236	RTS_R4+_36
TSS-FWD-71	FWD	106507	188	208	210	RTS_R4+_37
TSS-FWD-72	FWD	106519	51	53	53	RTS_R4+_37
TSS-FWD-73	FWD	106530	24	33	54	RTS_R4+_37
TSS-FWD-74	FWD	107561	18	18	18	RTS_R4+_38
TSS-FWD-75	FWD	107977	180	180	180	RTS_R4+_39
TSS-FWD-76	FWD	108025	357	359	359	RTS_R4+_39
TSS-FWD-77	FWD	108119	123	123	123	RTS_R4+_39
TSS-FWD-78	FWD	108132	118	118	118	RTS_R4+_39
TSS-FWD-79	FWD	113396	99	99	99	RTS_R4+_40
TSS-FWD-80	FWD	113415	40	40	40	RTS_R4+_40
TSS-FWD-81	FWD	113436	47	48	48	RTS_R4+_40
TSS-FWD-82	FWD	118701	3	3	3	RTS_R4+_41
TSS-FWD-83	FWD	118918	5	5	5	RTS_R4+_41
TSS-FWD-84	FWD	122034	157	159	162	RTS_R4+_42
TSS-FWD-85	FWD	122852	249	251	251	RTS_R4+_43
TSS-FWD-86	FWD	122860	141	145	145	RTS_R4+_43
TSS-FWD-87	FWD	122969	2899	2904	2905	RTS_R4+_43
TSS-FWD-88	FWD	122975	119	119	119	RTS_R4+_43
TSS-FWD-89	FWD	122985	234	234	234	RTS_R4+_43
TSS-FWD-90	FWD	122992	126	126	126	RTS_R4+_43
TSS-FWD-91	FWD	123003	118	118	118	RTS_R4+_43
TSS-FWD-92	FWD	127700	167	167	167	RTS_R4+_44
TSS-FWD-93	FWD	127717	658	658	658	RTS_R4+_44
TSS-FWD-94	FWD	129500	2	2	2	RTS_R4+_45
TSS-FWD-95	FWD	130202			1	RTS_R4+_46
TSS-FWD-96	FWD	131519	33	34	34	RTS_R4+_47
TSS-FWD-97	FWD	131743	96	96	96	RTS_R4+_47
TSS-FWD-98	FWD	134339	182	186	216	RTS_R4+_48
TSS-FWD-99	FWD	137044	169	169	169	RTS_R4+_49
TSS-FWD-100	FWD	137049	103	104	104	RTS_R4+_49
TSS-FWD-101	FWD	141360	71	71	72	RTS_R4+_50
TSS-FWD-102	FWD	141407	107	107	109	RTS_R4+_50
TSS-FWD-103	FWD	142733	13	14	14	RTS_R4+_51
TSS-FWD-104	FWD	145108	1	1	1	RTS_R4+_52
TSS-FWD-105	FWD	147583	14	15	15	RTS_R4+_53
TSS-FWD-106	FWD	147647	12	12	12	RTS_R4+_53
TSS-FWD-107	FWD	162077	118	121	123	RTS_R4+_54
TSS-FWD-108	FWD	164648	52	53	53	RTS_R4+_55
TSS-FWD-109	FWD	164658	539	567	569	RTS_R4+_55
TSS-FWD-110	FWD	167427	149	149	149	RTS_R4+_56
TSS-FWD-111	FWD	167443	51	51	51	RTS_R4+_56
TSS-FWD-112	FWD	169728	181	181	181	RTS_R4+_57
TSS-FWD-113	FWD	169733	127	127	127	RTS_R4+_57
TSS-FWD-114	FWD	174931	248	248	252	RTS_R4+_58
TSS-FWD-115	FWD	174975	61	61	66	RTS_R4+_58
TSS-FWD-116	FWD	175009	20	24	31	RTS_R4+_58
TSS-FWD-117	FWD	175074	31	37	39	RTS_R4+_58
TSS-FWD-118	FWD	176558	1804	1808	1843	RTS_R4+_59
TSS-FWD-119	FWD	176561	453	453	457	RTS_R4+_59
TSS-FWD-120	FWD	176583	34	35	35	RTS_R4+_59
TSS-FWD-121	FWD	176592	82	82	94	RTS_R4+_59

TSS-FWD-122	FWD	179264	2	2	2	RTS_R4+_60
TSS-FWD-123	FWD	180852	57	78	78	RTS_R4+_61
TSS-FWD-124	FWD	180859	43	45	46	RTS_R4+_61
TSS-FWD-125	FWD	186142	22	22	22	RTS_R4+_62
TSS-FWD-126	FWD	189639	53	54	56	RTS_R4+_63
TSS-FWD-127	FWD	189842	35	35	35	RTS_R4+_64
TSS-FWD-128	FWD	189866	132	136	136	RTS_R4+_64
TSS-FWD-129	FWD	191754	728	730	730	RTS_R4+_65
TSS-FWD-130	FWD	191812	173	180	184	RTS_R4+_65
TSS-FWD-131	FWD	191820	191	213	218	RTS_R4+_65
TSS-FWD-132	FWD	192617	3139	3143	3145	RTS_R4+_66
TSS-FWD-133	FWD	192666	48	48	48	RTS_R4+_66
TSS-FWD-134	FWD	192790	113	116	116	RTS_R4+_66
TSS-FWD-135	FWD	192797	56	56	57	RTS_R4+_66
TSS-FWD-136	FWD	192814	250	277	407	RTS_R4+_66
TSS-FWD-137	FWD	192854	362	368	368	RTS_R4+_66
TSS-FWD-138	FWD	192863	180	195	198	RTS_R4+_66
TSS-FWD-139	FWD	194843	25	25	25	RTS_R4+_67
TSS-FWD-140	FWD	196415	45	45	45	RTS_R4+_68
TSS-FWD-141	FWD	196429	27	27	27	RTS_R4+_68
TSS-FWD-142	FWD	197823	74	75	75	RTS_R4+_69
TSS-FWD-143	FWD	197883	337	337	337	RTS_R4+_69
TSS-FWD-144	FWD	200138	383	384	384	RTS_R4+_70
TSS-FWD-145	FWD	200212	442	444	444	RTS_R4+_70
TSS-FWD-146	FWD	200256	55	55	55	RTS_R4+_70
TSS-FWD-147	FWD	200299	377	380	380	RTS_R4+_70
TSS-FWD-148	FWD	200305	93	93	93	RTS_R4+_70
TSS-FWD-149	FWD	200317	142	142	142	RTS_R4+_70
TSS-FWD-150	FWD	200378	68	68	68	RTS_R4+_70
TSS-FWD-151	FWD	200387	60	60	60	RTS_R4+_70
TSS-FWD-152	FWD	200399	213	214	218	RTS_R4+_70
TSS-FWD-153	FWD	202019	921	928	928	RTS_R4+_71
TSS-FWD-154	FWD	202066	122	122	122	RTS_R4+_71
TSS-FWD-155	FWD	202074	217	217	217	RTS_R4+_71
TSS-FWD-156	FWD	202082	91	91	92	RTS_R4+_71
TSS-FWD-157	FWD	208412	217	221	221	RTS_R4+_72
TSS-FWD-158	FWD	209658	278	283	314	RTS_R4+_73
TSS-FWD-159	FWD	211858	38	38	38	RTS_R4+_74
TSS-FWD-160	FWD	214269	271	272	273	RTS_R4+_75
TSS-FWD-161	FWD	214284	58	58	58	RTS_R4+_75
TSS-FWD-162	FWD	215123	42	42	42	RTS_R4+_76
TSS-FWD-163	FWD	222806	36	36	36	RTS_R4+_77
TSS-FWD-164	FWD	223771	2093	2093	2094	RTS_R4+_78
TSS-FWD-165	FWD	225711	94	94	94	RTS_R4+_79
TSS-FWD-166	FWD	229134	385	386	386	RTS_R4+_80
TSS-FWD-167	FWD	231063	38	38	54	RTS_R4+_81
TSS-FWD-168	FWD	234785	198	198	198	RTS_R4+_82
TSS-FWD-169	FWD	236021	109	134	141	RTS_R4+_83
TSS-FWD-170	FWD	236861	104	115	118	RTS_R4+_84
TSS-FWD-171	FWD	240333	420	441	454	RTS_R4+_85
TSS-FWD-172	FWD	243512	102	104	105	RTS_R4+_86
TSS-FWD-173	FWD	243522	43	43	44	RTS_R4+_86
TSS-FWD-174	FWD	246656	2	2	2	RTS_R4+_87
TSS-FWD-175	FWD	248128	4	4	4	RTS_R4+_88
TSS-FWD-176	FWD	250492	1	1	2	RTS_R4+_89
TSS-FWD-177	FWD	250883	3	3	5	RTS_R4+_90
TSS-FWD-178	FWD	251969	3	5	5	RTS_R4+_91
TSS-FWD-179	FWD	253336	4	4	4	RTS_R4+_92
TSS-FWD-180	FWD	255918	147	149	149	RTS_R4+_93
TSS-FWD-181	FWD	255924	86	86	86	RTS_R4+_93
TSS-FWD-182	FWD	255936	104	104	104	RTS_R4+_93
TSS-FWD-183	FWD	256502	427	433	433	RTS_R4+_94
TSS-FWD-184	FWD	256509	162	187	192	RTS_R4+_94

TSS-FWD-185	FWD	257810	450	452	456	RTS_R4+_95
TSS-FWD-186	FWD	259572	140	140	140	RTS_R4+_96
TSS-FWD-187	FWD	259576	159	161	161	RTS_R4+_96
TSS-FWD-188	FWD	259584	154	154	154	RTS_R4+_96
TSS-FWD-189	FWD	262064	35	35	35	RTS_R4+_97
TSS-FWD-190	FWD	262114	47	47	47	RTS_R4+_97
TSS-FWD-191	FWD	268350	7	7	7	RTS_R4+_98
TSS-FWD-192	FWD	269482	35	35	35	RTS_R4+_99
TSS-FWD-193	FWD	270974	5	6	6	RTS_R4+_100
TSS-FWD-194	FWD	270979	9	10	10	RTS_R4+_100
TSS-FWD-195	FWD	274508	17	26	30	RTS_R4+_101
TSS-FWD-196	FWD	289619	3	3	3	RTS_R4+_103
TSS-FWD-197	FWD	290751	7	7	7	RTS_R4+_105
TSS-FWD-198	FWD	294852	69	69	69	RTS_R4+_106
TSS-FWD-199	FWD	296384	37	37	37	RTS_R4+_107
TSS-FWD-200	FWD	302181	186	187	187	RTS_R4+_108
TSS-FWD-201	FWD	302183	150	150	150	RTS_R4+_108
TSS-FWD-202	FWD	312032	1	1	1	RTS_R4+_109
TSS-FWD-203	FWD	319342	17	17	17	RTS_R4+_111
TSS-FWD-204	FWD	319351	22	23	23	RTS_R4+_111
TSS-FWD-205	FWD	320708	6	6	6	RTS_R4+_112
TSS-FWD-206	FWD	328645	57	57	57	RTS_R4+_113
TSS-FWD-207	FWD	330428	7	7	7	RTS_R4+_114
TSS-FWD-208	FWD	331089	5	6	6	RTS_R4+_115
TSS-FWD-209	FWD	331266	8	8	8	RTS_R4+_115
TSS-FWD-210	FWD	331462	14	14	14	RTS_R4+_115
TSS-FWD-211	FWD	331470	9	9	9	RTS_R4+_115
TSS-FWD-212	FWD	334399	7	7	7	RTS_R4+_116
TSS-FWD-213	FWD	334470	2	3	4	RTS_R4+_116
TSS-FWD-214	FWD	339162	1	1	1	RTS_R4+_117
TSS-FWD-215	FWD	340325	9	10	10	RTS_R4+_118
TSS-FWD-216	FWD	342042	63	64	64	RTS_R4+_119
TSS-FWD-217	FWD	342062	192	193	194	RTS_R4+_119
TSS-FWD-218	FWD	342079	53	55	55	RTS_R4+_119
TSS-FWD-219	FWD	344602	16	22	22	RTS_R4+_120
TSS-FWD-220	FWD	345656	266	275	654	RTS_R4+_121
TSS-FWD-221	FWD	345664	12	12	49	RTS_R4+_121
TSS-FWD-222	FWD	345678	40	40	41	RTS_R4+_121
TSS-FWD-223	FWD	347871			6	RTS_R4+_122
TSS-FWD-224	FWD	354108	472	472	472	RTS_R4+_123
TSS-FWD-225	FWD	354119	42	42	42	RTS_R4+_123
TSS-FWD-226	FWD	357998	1	1	1	
TSS-FWD-227	FWD	367744	6	6	6	RTS_R4+_124
TSS-FWD-228	FWD	374107	2	2	12	RTS_R4+_125
TSS-FWD-229	FWD	375966	28	29	29	RTS_R4+_126
TSS-FWD-230	FWD	375971	35	35	35	RTS_R4+_126
TSS-FWD-231	FWD	382126			2	RTS_R4+_128
TSS-FWD-232	FWD	384430	5	5	5	RTS_R4+_129
TSS-FWD-233	FWD	389071	5	5	5	
TSS-FWD-234	FWD	395657	13	13	13	RTS_R4+_131
TSS-FWD-235	FWD	395704	11	11	12	RTS_R4+_131
TSS-FWD-236	FWD	395779	3	3	3	RTS_R4+_131
TSS-FWD-237	FWD	396858	50	50	50	RTS_R4+_132
TSS-FWD-238	FWD	398796	7	7	20	RTS_R4+_133
TSS-FWD-239	FWD	400543	142	147	148	RTS_R4+_134
TSS-FWD-240	FWD	400587	72	73	73	RTS_R4+_134
TSS-FWD-241	FWD	400875	52	52	52	RTS_R4+_135
TSS-FWD-242	FWD	400902	95	95	96	RTS_R4+_135
TSS-FWD-243	FWD	400916	170	172	172	RTS_R4+_135
TSS-FWD-244	FWD	402912	1	1	1	RTS_R4+_136
TSS-FWD-245	FWD	404965	15	15	15	RTS_R4+_137
TSS-FWD-246	FWD	405456	19	19	19	RTS_R4+_138
TSS-FWD-247	FWD	405502	26	26	26	RTS_R4+_138

TSS-FWD-248	FWD	406176	28	28	28	RTS_R4+_139
TSS-FWD-249	FWD	406399	47	52	66	RTS_R4+_140
TSS-FWD-250	FWD	407371	28	28	28	RTS_R4+_141
TSS-FWD-251	FWD	407685	11	11	11	RTS_R4+_142
TSS-FWD-252	FWD	409344	33	33	38	RTS_R4+_143
TSS-FWD-253	FWD	415429	8	11	11	RTS_R4+_144
TSS-FWD-254	FWD	416378		15	15	RTS_R4+_145
TSS-FWD-255	FWD	418645	41	41	41	RTS_R4+_146
TSS-FWD-256	FWD	418776	41	41	41	RTS_R4+_146
TSS-FWD-257	FWD	420146	22	22	22	RTS_R4+_147
TSS-FWD-258	FWD	421719	21	21	21	RTS_R4+_148
TSS-FWD-259	FWD	424209	211	211	211	RTS_R4+_149
TSS-FWD-260	FWD	425886	8	8	8	RTS_R4+_150
TSS-FWD-261	FWD	425978	9	10	10	RTS_R4+_150
TSS-FWD-262	FWD	426063	12	13	13	RTS_R4+_150
TSS-FWD-263	FWD	426165	12	12	12	RTS_R4+_150
TSS-FWD-264	FWD	426428	66	77	77	RTS_R4+_151
TSS-FWD-265	FWD	426439	523	531	533	RTS_R4+_151
TSS-FWD-266	FWD	426472	57	60	61	RTS_R4+_151
TSS-FWD-267	FWD	426798	33	33	33	RTS_R4+_152
TSS-FWD-268	FWD	426873	27	28	28	RTS_R4+_152
TSS-FWD-269	FWD	426882	30	30	30	RTS_R4+_152
TSS-FWD-270	FWD	426887	22	22	22	RTS_R4+_152
TSS-FWD-271	FWD	429809	35	35	35	RTS_R4+_153
TSS-FWD-272	FWD	432199		2	2	RTS_R4+_154
TSS-FWD-273	FWD	433735	990	1005	1005	RTS_R4+_155
TSS-FWD-274	FWD	433817	110	111	111	RTS_R4+_155
TSS-FWD-275	FWD	433820	171	175	175	RTS_R4+_155
TSS-FWD-276	FWD	433828	97	97	97	RTS_R4+_155
TSS-FWD-277	FWD	435808	31	31	31	RTS_R4+_156
TSS-FWD-278	FWD	437492			4	RTS_R4+_157
TSS-FWD-279	FWD	440693	55	55	56	RTS_R4+_158
TSS-FWD-280	FWD	443824	69	138	211	RTS_R4+_159
TSS-FWD-281	FWD	443852	279	283	283	RTS_R4+_159
TSS-FWD-282	FWD	443861	44	47	49	RTS_R4+_159
TSS-FWD-283	FWD	443882	619	621	622	RTS_R4+_159
TSS-FWD-284	FWD	443888	95	95	95	RTS_R4+_159
TSS-FWD-285	FWD	453575	7	9	9	RTS_R4+_160
TSS-FWD-286	FWD	453607	70	73	73	RTS_R4+_160
TSS-FWD-287	FWD	453649	59	97	98	RTS_R4+_160
TSS-FWD-288	FWD	453658	364	601	1006	RTS_R4+_160
TSS-FWD-289	FWD	454217	504	504	504	RTS_R4+_161
TSS-FWD-290	FWD	454228	305	308	308	RTS_R4+_161
TSS-FWD-291	FWD	454331	19	19	19	RTS_R4+_161
TSS-FWD-292	FWD	455778	314	314	314	RTS_R4+_162
TSS-FWD-293	FWD	455801	166	168	184	RTS_R4+_162
TSS-FWD-294	FWD	455829	92	116	117	RTS_R4+_162
TSS-FWD-295	FWD	455867	107	107	107	RTS_R4+_162
TSS-FWD-296	FWD	455873	218	218	218	RTS_R4+_162
TSS-FWD-297	FWD	455882	80	83	84	RTS_R4+_162
TSS-FWD-298	FWD	457992	99	100	101	RTS_R4+_163
TSS-FWD-299	FWD	458039	3014	3017	3018	RTS_R4+_163
TSS-FWD-300	FWD	458090	96	101	101	RTS_R4+_163
TSS-FWD-301	FWD	459037	15	15	15	RTS_R4+_164
TSS-FWD-302	FWD	459330	13	15	15	RTS_R4+_164
TSS-FWD-303	FWD	459337	22	22	22	RTS_R4+_164
TSS-FWD-304	FWD	459339	22	22	22	RTS_R4+_164
TSS-FWD-305	FWD	460556	418	467	554	RTS_R4+_165
TSS-FWD-306	FWD	460615	446	449	455	RTS_R4+_165
TSS-FWD-307	FWD	460619	1565	1566	1568	RTS_R4+_165
TSS-FWD-308	FWD	460637	169	172	172	RTS_R4+_165
TSS-FWD-309	FWD	460655	234	235	235	RTS_R4+_165
TSS-FWD-310	FWD	461076	39	39	39	RTS_R4+_166

TSS-FWD-311	FWD	466606	18	18	18	RTS_R4+_167
TSS-FWD-312	FWD	467581	68	68	69	RTS_R4+_168
TSS-FWD-313	FWD	471781	1	1	1	RTS_R4+_170
TSS-FWD-314	FWD	472073	9	9	9	RTS_R4+_171
TSS-FWD-315	FWD	474530	49	49	50	RTS_R4+_172
TSS-FWD-316	FWD	474538	393	393	398	RTS_R4+_172
TSS-FWD-317	FWD	475672	25327	35572	43361	RTS_R4+_173
TSS-FWD-318	FWD	475842	8	9	9	RTS_R4+_174
TSS-FWD-319	FWD	478077	7	7	7	RTS_R4+_175
TSS-FWD-320	FWD	484940	34	43	43	RTS_R4+_176
TSS-FWD-321	FWD	485713	30	30	30	RTS_R4+_177
TSS-FWD-322	FWD	490082	7	7	19	RTS_R4+_178
TSS-FWD-323	FWD	490534	109	109	109	RTS_R4+_179
TSS-FWD-324	FWD	491278	13	13	13	RTS_R4+_180
TSS-FWD-325	FWD	493133	103	103	103	RTS_R4+_181
TSS-FWD-326	FWD	493139	62	62	62	RTS_R4+_181
TSS-FWD-327	FWD	493170	58	58	58	RTS_R4+_181
TSS-FWD-328	FWD	493242	261	264	264	RTS_R4+_181
TSS-FWD-329	FWD	493275	92	92	92	RTS_R4+_181
TSS-FWD-330	FWD	494300	419	452	455	RTS_R4+_182
TSS-FWD-331	FWD	494306	2594	2745	2752	RTS_R4+_182
TSS-FWD-332	FWD	494314	1085	1296	1309	RTS_R4+_182
TSS-FWD-333	FWD	494328	26	56	56	RTS_R4+_182
TSS-FWD-334	FWD	496357	102	104	104	RTS_R4+_183
TSS-FWD-335	FWD	497255	83	87	90	RTS_R4+_184
TSS-FWD-336	FWD	499323	48	48	48	RTS_R4+_185
TSS-FWD-337	FWD	504107	42	43	45	RTS_R4+_186
TSS-FWD-338	FWD	504112	34	37	37	RTS_R4+_186
TSS-FWD-339	FWD	506428	205	271	376	RTS_R4+_187
TSS-FWD-340	FWD	507400	12	12	13	RTS_R4+_188
TSS-FWD-341	FWD	507406	9	9	9	RTS_R4+_188
TSS-FWD-342	FWD	510797			4	RTS_R4+_189
TSS-FWD-343	FWD	510827	5	5	5	RTS_R4+_189
TSS-FWD-344	FWD	513098	14	14	15	RTS_R4+_190
TSS-FWD-345	FWD	515116	129	131	132	RTS_R4+_191
TSS-FWD-346	FWD	518602	10	11	11	RTS_R4+_192
TSS-FWD-347	FWD	518895	21	28	28	RTS_R4+_192
TSS-FWD-348	FWD	522451	2	2	2	RTS_R4+_193
TSS-FWD-349	FWD	526780	9	9	9	RTS_R4+_194
TSS-FWD-350	FWD	531614	3	3	3	RTS_R4+_195
TSS-FWD-351	FWD	532189	15	20	20	RTS_R4+_196
TSS-FWD-352	FWD	532861	344	345	348	RTS_R4+_197
TSS-FWD-353	FWD	532866	407	411	463	RTS_R4+_197
TSS-FWD-354	FWD	534032		1	1	RTS_R4+_198
TSS-FWD-355	FWD	533001	1	13	28	
TSS-FWD-356	FWD	535605	4	4	4	
TSS-FWD-357	FWD	536895	1	1	1	
TSS-FWD-358	FWD	540988	6	6	6	RTS_R4+_199
TSS-FWD-359	FWD	553800	53	54	54	RTS_R4+_200
TSS-FWD-360	FWD	557392	2	2	2	
TSS-FWD-361	FWD	563958		43	77	RTS_R4+_201
TSS-FWD-362	FWD	563959		30	59	RTS_R4+_201
TSS-FWD-363	FWD	565404	3	3	3	
TSS-FWD-364	FWD	567514	120	120	121	RTS_R4+_203
TSS-FWD-365	FWD	570094	5	5	6	RTS_R4+_204
TSS-FWD-366	FWD	571542		4	5	
TSS-FWD-367	FWD	573132	5	5	5	
TSS-FWD-368	FWD	576081	21	22	37	RTS_R4+_205
TSS-FWD-369	FWD	576504	7	7	7	RTS_R4+_206
TSS-FWD-370	FWD	578930	5	5	5	RTS_R4+_207
TSS-FWD-371	FWD	579059	7	7	7	RTS_R4+_207
TSS-FWD-372	FWD	580819	1	1	1	RTS_R4+_208
TSS-FWD-373	FWD	594797	1	1	1	

TSS-FWD-374	FWD	596325	2	2	2	RTS_R4+_211
TSS-FWD-375	FWD	601152	27	27	27	RTS_R4+_212
TSS-FWD-376	FWD	607066			1	
TSS-FWD-377	FWD	607179	1	1	1	RTS_R4+_213
TSS-FWD-378	FWD	611909	24	24	26	RTS_R4+_214
TSS-FWD-379	FWD	617410	1	1	1	
TSS-FWD-380	FWD	621481	37	37	37	RTS_R4+_215
TSS-FWD-381	FWD	621483	50	50	50	RTS_R4+_215
TSS-FWD-382	FWD	624054	20	20	20	RTS_R4+_216
TSS-FWD-383	FWD	629079	53	55	222	RTS_R4+_217
TSS-FWD-384	FWD	629088	21	28	287	RTS_R4+_217
TSS-FWD-385	FWD	629096	6	7	69	RTS_R4+_217
TSS-FWD-386	FWD	632780	72	85	85	RTS_R4+_218
TSS-FWD-387	FWD	632789	30	46	47	RTS_R4+_218
TSS-FWD-388	FWD	638054	9795	9821	9823	RTS_R4+_219
TSS-FWD-389	FWD	638104	373	385	392	RTS_R4+_219
TSS-FWD-390	FWD	638130	325	335	338	RTS_R4+_219
TSS-FWD-391	FWD	638144	9395	9457	9461	RTS_R4+_219
TSS-FWD-392	FWD	638149	532	546	546	RTS_R4+_219
TSS-FWD-393	FWD	638189	116	116	116	RTS_R4+_219
TSS-FWD-394	FWD	638227	54	59	59	RTS_R4+_219
TSS-FWD-395	FWD	641285	4	4	4	RTS_R4+_220
TSS-FWD-396	FWD	651740	2	2	2	RTS_R4+_221
TSS-FWD-397	FWD	655710	2	2	2	RTS_R4+_222
TSS-FWD-398	FWD	655753	2	2	2	RTS_R4+_222
TSS-FWD-399	FWD	656473	58	132	741	RTS_R4+_223
TSS-FWD-400	FWD	657187	7	8	48	RTS_R4+_224
TSS-FWD-401	FWD	658045	4	4	5	RTS_R4+_225
TSS-FWD-402	FWD	663180		4	4	RTS_R4+_226
TSS-FWD-403	FWD	663285		2	6	RTS_R4+_226
TSS-FWD-404	FWD	674160	338	369	375	RTS_R4+_227
TSS-FWD-405	FWD	674216	213	249	430	RTS_R4+_227
TSS-FWD-406	FWD	678687	15	15	15	
TSS-FWD-407	FWD	694300	131	133	158	RTS_R4+_228
TSS-FWD-408	FWD	695655			2	RTS_R4+_229
TSS-FWD-409	FWD	702830	12	12	12	RTS_R4+_230
TSS-FWD-410	FWD	703063	53	58	80	RTS_R4+_230
TSS-FWD-411	FWD	705222	3	7	7	RTS_R4+_231
TSS-FWD-412	FWD	705283	466	466	466	RTS_R4+_231
TSS-FWD-413	FWD	705286	1365	1366	1366	RTS_R4+_231
TSS-FWD-414	FWD	705301	185	187	187	RTS_R4+_231
TSS-FWD-415	FWD	705309	112	114	114	RTS_R4+_231
TSS-FWD-416	FWD	707487		1	2	
TSS-FWD-417	FWD	707512		1	1	
TSS-FWD-418	FWD	710000	2	2	2	RTS_R4+_232
TSS-FWD-419	FWD	712074	296	298	298	RTS_R4+_233
TSS-FWD-420	FWD	712139	156	156	156	RTS_R4+_233
TSS-FWD-421	FWD	714596	18	18	18	
TSS-FWD-422	FWD	728295	697	891	909	RTS_R4+_235
TSS-FWD-423	FWD	728306	544	1317	1354	RTS_R4+_235
TSS-FWD-424	FWD	728311	151	994	1052	RTS_R4+_235
TSS-FWD-425	FWD	728572	7	7	7	RTS_R4+_236
TSS-FWD-426	FWD	733014	5	5	5	RTS_R4+_237
TSS-FWD-427	FWD	733048	3	3	3	RTS_R4+_237
TSS-FWD-428	FWD	734611	2	4	4	RTS_R4+_238
TSS-FWD-429	FWD	734641	2	3	3	RTS_R4+_238
TSS-FWD-430	FWD	737286	2	2	2	
TSS-FWD-431	FWD	738203	6	6	9	RTS_R4+_239
TSS-FWD-432	FWD	741851	18	18	18	RTS_R4+_240
TSS-FWD-433	FWD	742021	99	103	105	RTS_R4+_240
TSS-FWD-434	FWD	754178	55	55	64	RTS_R4+_243
TSS-FWD-435	FWD	754738	349	349	351	RTS_R4+_244
TSS-FWD-436	FWD	754745	386	386	394	RTS_R4+_244

TSS-FWD-437	FWD	757777	641	641	641	RTS_R4+_245
TSS-FWD-438	FWD	757802	351	351	352	RTS_R4+_245
TSS-FWD-439	FWD	757808	4025	4028	4032	RTS_R4+_245
TSS-FWD-440	FWD	765093	3	3	3	RTS_R4+_246
TSS-FWD-441	FWD	770474	11	14	23	RTS_R4+_247
TSS-FWD-442	FWD	770487	32	33	36	RTS_R4+_247
TSS-FWD-443	FWD	770517	27	27	27	RTS_R4+_247
TSS-FWD-444	FWD	770523	108	110	110	RTS_R4+_247
TSS-FWD-445	FWD	770603	52	53	53	RTS_R4+_247
TSS-FWD-446	FWD	773229	42	42	42	RTS_R4+_248
TSS-FWD-447	FWD	773934	124	125	125	RTS_R4+_250
TSS-FWD-448	FWD	776788	43	43	43	RTS_R4+_251
TSS-FWD-449	FWD	776892	36	36	36	RTS_R4+_251
TSS-FWD-450	FWD	776907	84	85	85	RTS_R4+_251
TSS-FWD-451	FWD	779735	1	57	57	RTS_R4+_252
TSS-FWD-452	FWD	780263	20	21	21	RTS_R4+_253
TSS-FWD-453	FWD	780570	26	26	26	RTS_R4+_254
TSS-FWD-454	FWD	781226	601	614	615	RTS_R4+_255
TSS-FWD-455	FWD	781237	271	284	285	RTS_R4+_255
TSS-FWD-456	FWD	781283	18	19	19	RTS_R4+_255
TSS-FWD-457	FWD	782246	14	14	14	RTS_R4+_256
TSS-FWD-458	FWD	782268	12	12	12	RTS_R4+_256
TSS-FWD-459	FWD	784815	3691	3696	3697	RTS_R4+_257
TSS-FWD-460	FWD	784821	2117	2121	2121	RTS_R4+_257
TSS-FWD-461	FWD	784826	219	220	220	RTS_R4+_257
TSS-FWD-462	FWD	784830	1203	1203	1203	RTS_R4+_257
TSS-FWD-463	FWD	786750	2	3	3	RTS_R4+_258
TSS-FWD-464	FWD	793974	145	145	150	RTS_R4+_259
TSS-FWD-465	FWD	794219	16	16	16	RTS_R4+_260
TSS-FWD-466	FWD	794285	20	21	21	RTS_R4+_260
TSS-FWD-467	FWD	797506	10	10	10	RTS_R4+_261
TSS-FWD-468	FWD	797668	24	24	24	RTS_R4+_262
TSS-FWD-469	FWD	797674	30	30	30	RTS_R4+_262
TSS-FWD-470	FWD	797680	19	19	19	RTS_R4+_262
TSS-FWD-471	FWD	797778	47	47	47	RTS_R4+_262
TSS-FWD-472	FWD	808524	165	172	172	RTS_R4+_263
TSS-FWD-473	FWD	808533	341	341	341	RTS_R4+_263
TSS-FWD-474	FWD	812660	24	24	24	RTS_R4+_264
TSS-FWD-475	FWD	816050	3	3	3	RTS_R4+_265
TSS-FWD-476	FWD	816137	97	107	125	RTS_R4+_265
TSS-FWD-477	FWD	817199	601	601	601	RTS_R4+_266
TSS-FWD-478	FWD	817207	95	95	95	RTS_R4+_266
TSS-FWD-479	FWD	817223	98	98	98	RTS_R4+_266
TSS-FWD-480	FWD	817235	650	655	656	RTS_R4+_266
TSS-FWD-481	FWD	819081	580	616	742	RTS_R4+_267
TSS-FWD-482	FWD	819090	25	27	42	RTS_R4+_267
TSS-FWD-483	FWD	823826	4	6	32	RTS_R4+_269
TSS-FWD-484	FWD	830008	20	20	20	RTS_R4+_270
TSS-FWD-485	FWD	832266	8	8	8	RTS_R4+_271
TSS-FWD-486	FWD	832278	11	11	11	RTS_R4+_271
TSS-FWD-487	FWD	834346	19	19	19	RTS_R4+_272
TSS-FWD-488	FWD	834393	13	13	13	RTS_R4+_272
TSS-FWD-489	FWD	834404	16	16	20	RTS_R4+_272
TSS-FWD-490	FWD	835541	456	456	457	RTS_R4+_273
TSS-FWD-491	FWD	837896		1	2	RTS_R4+_274
TSS-FWD-492	FWD	841376	2	2	2	RTS_R4+_275
TSS-FWD-493	FWD	841479	2	2	2	RTS_R4+_275
TSS-FWD-494	FWD	841538	1	2	2	RTS_R4+_275
TSS-FWD-495	FWD	849434	616	618	618	RTS_R4+_276
TSS-FWD-496	FWD	849446	390	396	396	RTS_R4+_276
TSS-FWD-497	FWD	849536	55	58	59	RTS_R4+_276
TSS-FWD-498	FWD	849610	137	152	154	RTS_R4+_276
TSS-FWD-499	FWD	849622	61	69	69	RTS_R4+_276

TSS-FWD-500	FWD	849628	76	79	79	RTS_R4+_276
TSS-FWD-501	FWD	849640	1133	1139	1175	RTS_R4+_276
TSS-FWD-502	FWD	849646	513	514	516	RTS_R4+_276
TSS-FWD-503	FWD	852360	92	93	98	RTS_R4+_277
TSS-FWD-504	FWD	855156	92	92	92	RTS_R4+_278
TSS-FWD-505	FWD	859050	8	8	8	RTS_R4+_279
TSS-FWD-506	FWD	859134	9	9	9	RTS_R4+_279
TSS-FWD-507	FWD	862837	55	57	57	RTS_R4+_280
TSS-FWD-508	FWD	865760	121	121	121	RTS_R4+_281
TSS-FWD-509	FWD	870904	48	48	48	RTS_R4+_282
TSS-FWD-510	FWD	870945	65	65	65	RTS_R4+_282
TSS-FWD-511	FWD	872121	35	35	35	RTS_R4+_283
TSS-FWD-512	FWD	872128	32	32	32	RTS_R4+_283
TSS-FWD-513	FWD	872170	38	38	38	RTS_R4+_283
TSS-FWD-514	FWD	872180	25	25	25	RTS_R4+_283
TSS-FWD-515	FWD	877440	2	32	122	RTS_R4+_284
TSS-FWD-516	FWD	877945	37	38	38	RTS_R4+_285
TSS-FWD-517	FWD	879841	80	81	84	RTS_R4+_286
TSS-FWD-518	FWD	879851	48	49	58	RTS_R4+_286
TSS-FWD-519	FWD	879858	273	274	282	RTS_R4+_286
TSS-FWD-520	FWD	879868	92	93	95	RTS_R4+_286
TSS-FWD-521	FWD	879918	43	49	53	RTS_R4+_286
TSS-FWD-522	FWD	882793	5	5	10	RTS_R4+_287
TSS-FWD-523	FWD	882872	1	1	1	RTS_R4+_287
TSS-FWD-524	FWD	886624	21	21	22	RTS_R4+_288
TSS-FWD-525	FWD	889111	21	21	21	RTS_R4+_289
TSS-FWD-526	FWD	890086	27	30	31	RTS_R4+_290
TSS-FWD-527	FWD	891082	12	12	12	RTS_R4+_291
TSS-FWD-528	FWD	892149	43	43	43	RTS_R4+_292
TSS-FWD-529	FWD	892867	13	13	13	RTS_R4+_293
TSS-FWD-530	FWD	897617	7	7	7	RTS_R4+_295
TSS-FWD-531	FWD	903740	175	187	212	RTS_R4+_296
TSS-FWD-532	FWD	903746	225	248	288	RTS_R4+_296
TSS-FWD-533	FWD	903754	880	966	1007	RTS_R4+_296
TSS-FWD-534	FWD	903762	38	51	67	RTS_R4+_296
TSS-FWD-535	FWD	903777	33	45	87	RTS_R4+_296
TSS-FWD-536	FWD	903793	29	38	51	RTS_R4+_296
TSS-FWD-537	FWD	905279		1	1	RTS_R4+_297
TSS-FWD-538	FWD	913951	13	13	13	RTS_R4+_298
TSS-FWD-539	FWD	915532	44	44	44	RTS_R4+_299
TSS-FWD-540	FWD	918360	136	136	136	RTS_R4+_300
TSS-FWD-541	FWD	918396	52	52	52	RTS_R4+_300
TSS-FWD-542	FWD	921139	1	103	108	RTS_R4+_301
TSS-FWD-543	FWD	921194	27	55	55	RTS_R4+_301
TSS-FWD-544	FWD	922282	31	64	64	RTS_R4+_302
TSS-FWD-545	FWD	922314	455	485	502	RTS_R4+_302
TSS-FWD-546	FWD	922434	1129	1616	1831	RTS_R4+_302
TSS-FWD-547	FWD	931551	30	30	30	RTS_R4+_303
TSS-FWD-548	FWD	931654	62	62	63	RTS_R4+_303
TSS-FWD-549	FWD	931799	131	132	132	RTS_R4+_303
TSS-FWD-550	FWD	932358	16	16	18	RTS_R4+_304
TSS-FWD-551	FWD	932404	12	12	13	RTS_R4+_304
TSS-FWD-552	FWD	936440	24	24	24	RTS_R4+_305
TSS-FWD-553	FWD	936511	19	19	19	RTS_R4+_305
TSS-FWD-554	FWD	936551	18	18	18	RTS_R4+_305
TSS-FWD-555	FWD	938576	12	14	14	RTS_R4+_306
TSS-FWD-556	FWD	938624	20	20	21	RTS_R4+_306
TSS-FWD-557	FWD	938645	21	22	23	RTS_R4+_306
TSS-FWD-558	FWD	940046		4	4	RTS_R4+_307
TSS-FWD-559	FWD	940082	4	4	4	RTS_R4+_307
TSS-FWD-560	FWD	945064	4	5	5	RTS_R4+_308
TSS-FWD-561	FWD	946043	15	15	15	RTS_R4+_309
TSS-FWD-562	FWD	946080	16	16	16	RTS_R4+_309

TSS-FWD-563	FWD	948867	108	110	110	RTS_R4+_310
TSS-FWD-564	FWD	955897	2	2	2	RTS_R4+_311
TSS-FWD-565	FWD	956802	152	169	170	RTS_R4+_312
TSS-FWD-566	FWD	956808	235	235	235	RTS_R4+_312
TSS-FWD-567	FWD	959494	4	4	4	RTS_R4+_313
TSS-FWD-568	FWD	960303	5	5	8	RTS_R4+_314
TSS-FWD-569	FWD	960386	10	10	10	RTS_R4+_314
TSS-FWD-570	FWD	960408	6	6	6	RTS_R4+_314
TSS-FWD-571	FWD	960944	126	126	126	RTS_R4+_315
TSS-FWD-572	FWD	961060	41	41	41	RTS_R4+_315
TSS-FWD-573	FWD	961116	20215	20244	20275	RTS_R4+_315
TSS-FWD-574	FWD	962867	33	41	52	RTS_R4+_316
TSS-FWD-575	FWD	963495	5	5	5	RTS_R4+_317
TSS-FWD-576	FWD	965817	32	32	32	RTS_R4+_318
TSS-FWD-577	FWD	969867	469	472	476	RTS_R4+_319
TSS-FWD-578	FWD	970942	16	16	16	RTS_R4+_320
TSS-FWD-579	FWD	972720	12	12	12	RTS_R4+_321
TSS-FWD-580	FWD	980154		2	4	RTS_R4+_322
TSS-FWD-581	FWD	980247	15	15	15	RTS_R4+_322
TSS-FWD-582	FWD	982054	18	20	28	RTS_R4+_323
TSS-FWD-583	FWD	982102	34	36	39	RTS_R4+_323
TSS-FWD-584	FWD	982798	223	232	234	RTS_R4+_324
TSS-FWD-585	FWD	985190	1	4	4	RTS_R4+_325
TSS-FWD-586	FWD	986622	5	5	9	RTS_R4+_326
TSS-FWD-587	FWD	989737	61	61	61	RTS_R4+_327
TSS-FWD-588	FWD	989749	44	44	44	RTS_R4+_327
TSS-FWD-589	FWD	989815	122	122	125	RTS_R4+_327
TSS-FWD-590	FWD	1003961	55	55	55	RTS_R4+_328
TSS-FWD-591	FWD	1005076	75	76	77	RTS_R4+_329
TSS-FWD-592	FWD	1006895	51	52	52	RTS_R4+_330
TSS-FWD-593	FWD	1006926	74	74	74	RTS_R4+_330
TSS-FWD-594	FWD	1006929	114	114	114	RTS_R4+_330
TSS-FWD-595	FWD	1007025	66	66	66	RTS_R4+_330
TSS-FWD-596	FWD	1010883	14	14	14	RTS_R4+_331
TSS-FWD-597	FWD	1010988	13	13	13	RTS_R4+_331
TSS-FWD-598	FWD	1014873	6	74	218	RTS_R4+_332
TSS-FWD-599	FWD	1014882	1	7	31	RTS_R4+_332
TSS-FWD-600	FWD	1014905	61	61	61	RTS_R4+_332
TSS-FWD-601	FWD	1017682	153	156	160	RTS_R4+_333
TSS-FWD-602	FWD	1019566	6	6	6	RTS_R4+_334
TSS-FWD-603	FWD	1020306	10	10	10	RTS_R4+_335
TSS-FWD-604	FWD	1023665	28	28	28	RTS_R4+_336
TSS-FWD-605	FWD	1027106	20	21	25	RTS_R4+_337
TSS-FWD-606	FWD	1027150	85	88	111	RTS_R4+_337
TSS-FWD-607	FWD	1029195	14	15	15	RTS_R4+_338
TSS-FWD-608	FWD	1029201	11	13	25	RTS_R4+_338
TSS-FWD-609	FWD	1030656			1	RTS_R4+_339
TSS-FWD-610	FWD	1031208	6	6	6	RTS_R4+_340
TSS-FWD-611	FWD	1036930	6	6	6	RTS_R4+_341
TSS-FWD-612	FWD	1039819			1	RTS_R4+_342
TSS-FWD-613	FWD	1049039	4	4	4	RTS_R4+_343
TSS-FWD-614	FWD	1050625	6	6	6	
TSS-FWD-615	FWD	1051218	24	28	28	RTS_R4+_344
TSS-FWD-616	FWD	1057130	2	2	2	RTS_R4+_346
TSS-FWD-617	FWD	1060747		1	1	RTS_R4+_347
TSS-FWD-618	FWD	1063246		2	2	
TSS-FWD-619	FWD	1064782	79	81	99	RTS_R4+_348
TSS-FWD-620	FWD	1067262	1	1	1	RTS_R4+_349
TSS-FWD-621	FWD	1073321	5	5	5	RTS_R4+_350
TSS-FWD-622	FWD	1073443	91	92	92	RTS_R4+_350
TSS-FWD-623	FWD	1078392	16	16	16	RTS_R4+_351
TSS-FWD-624	FWD	1078447	24	24	24	RTS_R4+_351
TSS-FWD-625	FWD	1078512	11	12	12	RTS_R4+_351

TSS-FWD-626	FWD	1080520	53	53	54	RTS_R4+_352
TSS-FWD-627	FWD	1080533	39	39	39	RTS_R4+_352
TSS-FWD-628	FWD	1084120	18	18	18	RTS_R4+_353
TSS-FWD-629	FWD	1084166	52	52	54	RTS_R4+_353
TSS-FWD-630	FWD	1092062	5	5	7	RTS_R4+_354
TSS-FWD-631	FWD	1092067	5	5	5	RTS_R4+_354
TSS-FWD-632	FWD	1093229	1	1	1	RTS_R4+_355
TSS-FWD-633	FWD	1096981	41	41	41	RTS_R4+_356
TSS-FWD-634	FWD	1096990	36	36	36	RTS_R4+_356
TSS-FWD-635	FWD	1097010	262	265	265	RTS_R4+_356
TSS-FWD-636	FWD	1097049	664	697	698	RTS_R4+_356
TSS-FWD-637	FWD	1097057	63	64	64	RTS_R4+_356
TSS-FWD-638	FWD	1098081	128	128	128	RTS_R4+_357
TSS-FWD-639	FWD	1099336	27	27	27	RTS_R4+_358
TSS-FWD-640	FWD	1099405	20	20	20	RTS_R4+_358
TSS-FWD-641	FWD	1103559	25	25	25	RTS_R4+_359
TSS-FWD-642	FWD	1105020	34	35	36	RTS_R4+_360
TSS-FWD-643	FWD	1108478	45	47	47	RTS_R4+_361
TSS-FWD-644	FWD	1108501	144	144	144	RTS_R4+_361
TSS-FWD-645	FWD	1115959	32	32	32	RTS_R4+_362
TSS-FWD-646	FWD	1115994	681	681	681	RTS_R4+_362
TSS-FWD-647	FWD	1124698	57	57	57	RTS_R4+_363
TSS-FWD-648	FWD	1124706	74	74	74	RTS_R4+_363
TSS-FWD-649	FWD	1127058			1	RTS_R4+_364
TSS-FWD-650	FWD	1130215	169	169	169	
TSS-FWD-651	FWD	1130271	42	42	42	
TSS-FWD-652	FWD	1133923	54	54	54	
TSS-FWD-653	FWD	1137576	92	92	92	RTS_R4+_365
TSS-FWD-654	FWD	1144163	259	259	259	RTS_R4+_366
TSS-FWD-655	FWD	1145813	42	42	48	RTS_R4+_367
TSS-FWD-656	FWD	1145871	248	249	249	RTS_R4+_368
TSS-FWD-657	FWD	1145942	582	586	596	RTS_R4+_368
TSS-FWD-658	FWD	1146015	473	474	474	RTS_R4+_368
TSS-FWD-659	FWD	1146523	6448	6487	6489	RTS_R4+_369
TSS-FWD-660	FWD	1146530	295	299	299	RTS_R4+_369
TSS-FWD-661	FWD	1146538	112	125	127	RTS_R4+_369
TSS-FWD-662	FWD	1146573	92	93	93	RTS_R4+_369
TSS-FWD-663	FWD	1146994	304	304	304	RTS_R4+_370
TSS-FWD-664	FWD	1147191	73	73	73	RTS_R4+_371
TSS-FWD-665	FWD	1147299	55	55	55	RTS_R4+_371
TSS-FWD-666	FWD	1147410	48	48	48	RTS_R4+_371
TSS-FWD-667	FWD	1150734	1892	1892	1892	RTS_R4+_372
TSS-FWD-668	FWD	1150759	68	68	68	RTS_R4+_372
TSS-FWD-669	FWD	1150772	318	319	320	RTS_R4+_372
TSS-FWD-670	FWD	1150783	3263	3268	3281	RTS_R4+_372
TSS-FWD-671	FWD	1150791	259	259	265	RTS_R4+_372
TSS-FWD-672	FWD	1150799	5082	5093	5111	RTS_R4+_372
TSS-FWD-673	FWD	1150828	144	144	144	RTS_R4+_372
TSS-FWD-674	FWD	1151079	37	39	39	RTS_R4+_373
TSS-FWD-675	FWD	1151133	27	27	27	RTS_R4+_373
TSS-FWD-676	FWD	1152502	13	13	13	RTS_R4+_374
TSS-FWD-677	FWD	1154242	49	49	49	RTS_R4+_375
TSS-FWD-678	FWD	1154281	148	149	149	RTS_R4+_375
TSS-FWD-679	FWD	1156852	19	19	19	RTS_R4+_376
TSS-FWD-680	FWD	1156960	68	68	68	RTS_R4+_376
TSS-FWD-681	FWD	1156971	214	214	214	RTS_R4+_376
TSS-FWD-682	FWD	1156977	127	127	128	RTS_R4+_376
TSS-FWD-683	FWD	1156990	2183	2183	2183	RTS_R4+_376
TSS-FWD-684	FWD	1161048	85	85	92	RTS_R4+_377
TSS-FWD-685	FWD	1161078	138	138	138	RTS_R4+_377
TSS-FWD-686	FWD	1161086	78	78	78	RTS_R4+_377
TSS-FWD-687	FWD	1163108	5	5	5	RTS_R4+_378
TSS-FWD-688	FWD	1163203	7	7	7	RTS_R4+_378

TSS-FWD-689	FWD	1164238	48	49	49	RTS_R4+_379
TSS-FWD-690	FWD	1165249	202	204	204	RTS_R4+_380
TSS-FWD-691	FWD	1165275	484	487	488	RTS_R4+_380
TSS-FWD-692	FWD	1166736	3	3	3	RTS_R4+_381
TSS-FWD-693	FWD	1168242	1707	1743	1750	RTS_R4+_382
TSS-FWD-694	FWD	1174623	65	66	66	RTS_R4+_383
TSS-FWD-695	FWD	1177461	102	102	102	RTS_R4+_384
TSS-FWD-696	FWD	1177640	122	122	124	RTS_R4+_384
TSS-FWD-697	FWD	1184963	38	38	38	RTS_R4+_385
TSS-FWD-698	FWD	1185028	55	56	56	RTS_R4+_385
TSS-FWD-699	FWD	1185046	4	5	5	RTS_R4+_385
TSS-FWD-700	FWD	1194184	88	90	90	RTS_R4+_386
TSS-FWD-701	FWD	1194193	217	218	218	RTS_R4+_386
TSS-FWD-702	FWD	1194231	108	109	109	RTS_R4+_386
TSS-FWD-703	FWD	1194325	60	61	61	RTS_R4+_386
TSS-FWD-704	FWD	1194242	1155	1158	1158	RTS_R4+_386
TSS-FWD-705	FWD	1197892	7	7	8	RTS_R4+_387
TSS-FWD-706	FWD	1200691	49	49	49	RTS_R4+_388
TSS-FWD-707	FWD	1202232	1	1	2	
TSS-FWD-708	FWD	1209545	64	64	64	
TSS-FWD-709	FWD	1210545	20	20	20	RTS_R4+_389
TSS-FWD-710	FWD	1214975	84	85	121	RTS_R4+_390
TSS-FWD-711	FWD	1214994	13	14	37	RTS_R4+_390
TSS-FWD-712	FWD	1216355	8	8	8	RTS_R4+_391
TSS-FWD-713	FWD	1218588	11	11	11	RTS_R4+_392
TSS-FWD-714	FWD	1219841	31	31	31	RTS_R4+_393
TSS-FWD-715	FWD	1223002	1	1	1	RTS_R4+_394
TSS-FWD-716	FWD	1225704	9	9	9	RTS_R4+_395
TSS-FWD-717	FWD	1226908	63	63	63	RTS_R4+_396
TSS-FWD-718	FWD	1227925	6	7	13	RTS_R4+_397
TSS-FWD-719	FWD	1228020	3	4	19	RTS_R4+_397
TSS-FWD-720	FWD	1228027	21	21	21	RTS_R4+_397
TSS-FWD-721	FWD	1230085	20	20	20	RTS_R4+_398
TSS-FWD-722	FWD	1234128	139	139	141	RTS_R4+_399
TSS-FWD-723	FWD	1234136	38	38	38	RTS_R4+_399
TSS-FWD-724	FWD	1236748	16	17	18	RTS_R4+_400
TSS-FWD-725	FWD	1236754	67	71	76	RTS_R4+_400
TSS-FWD-726	FWD	1236762	30	33	43	RTS_R4+_400
TSS-FWD-727	FWD	1241244			5	RTS_R4+_401
TSS-FWD-728	FWD	1242351	1055	1062	1063	RTS_R4+_402
TSS-FWD-729	FWD	1242388	42	42	42	RTS_R4+_402
TSS-FWD-730	FWD	1243901	8	9	41	RTS_R4+_403
TSS-FWD-731	FWD	1243934			26	RTS_R4+_403
TSS-FWD-732	FWD	1250212	2	4	4	RTS_R4+_405
TSS-FWD-733	FWD	1250224	2	2	3	RTS_R4+_405
TSS-FWD-734	FWD	1257889	55	63	64	RTS_R4+_406
TSS-FWD-735	FWD	1257939		53	53	RTS_R4+_406
TSS-FWD-736	FWD	1257961	13	116	777	RTS_R4+_406
TSS-FWD-737	FWD	1257999	7	264	489	RTS_R4+_406
TSS-FWD-738	FWD	1262806			1	RTS_R4+_407
TSS-FWD-739	FWD	1262898	54	63	64	RTS_R4+_407
TSS-FWD-740	FWD	1266404	75	75	76	RTS_R4+_408
TSS-FWD-741	FWD	1266413	51	51	51	RTS_R4+_408
TSS-FWD-742	FWD	1267041	33	33	33	RTS_R4+_409
TSS-FWD-743	FWD	1267079	8	8	8	RTS_R4+_409
TSS-FWD-744	FWD	1267253	966	971	971	RTS_R4+_409
TSS-FWD-745	FWD	1267259	76	76	76	RTS_R4+_409
TSS-FWD-746	FWD	1267374	58	58	58	RTS_R4+_409
TSS-FWD-747	FWD	1271318	28	29	34	RTS_R4+_410
TSS-FWD-748	FWD	1271647	147	147	150	RTS_R4+_411
TSS-FWD-749	FWD	1271652	68	68	68	RTS_R4+_411
TSS-FWD-750	FWD	1272845	8	8	8	RTS_R4+_412
TSS-FWD-751	FWD	1272970	6	7	7	RTS_R4+_412

TSS-FWD-752	FWD	1272976	5	5	5	RTS_R4+_412
TSS-FWD-753	FWD	1279048	1	2	2	RTS_R4+_414
TSS-FWD-754	FWD	1288329	301	303	330	RTS_R4+_415
TSS-FWD-755	FWD	1288358	38	39	43	RTS_R4+_415
TSS-FWD-756	FWD	1289379	133	134	136	RTS_R4+_416
TSS-FWD-757	FWD	1289443	3	3	4	RTS_R4+_416
TSS-FWD-758	FWD	1290544	352	353	353	RTS_R4+_417
TSS-FWD-759	FWD	1290550	138	139	139	RTS_R4+_417
TSS-FWD-760	FWD	1290557	106	106	106	RTS_R4+_417
TSS-FWD-761	FWD	1290562	312	312	312	RTS_R4+_417
TSS-FWD-762	FWD	1290568	767	767	767	RTS_R4+_417
TSS-FWD-763	FWD	1290586	62	68	68	RTS_R4+_417
TSS-FWD-764	FWD	1290629	130	134	134	RTS_R4+_417
TSS-FWD-765	FWD	1290637	341	344	345	RTS_R4+_417
TSS-FWD-766	FWD	1290644	193	193	194	RTS_R4+_417
TSS-FWD-767	FWD	1290649	116	116	117	RTS_R4+_417
TSS-FWD-768	FWD	1290675	53	53	53	RTS_R4+_417
TSS-FWD-769	FWD	1292716	83	83	83	RTS_R4+_418
TSS-FWD-770	FWD	1297634	16	16	16	RTS_R4+_419
TSS-FWD-771	FWD	1298695	16	16	16	RTS_R4+_420
TSS-FWD-772	FWD	1299035	191	215	217	RTS_R4+_421
TSS-FWD-773	FWD	1299087	54	57	57	RTS_R4+_421
TSS-FWD-774	FWD	1299100	244	247	247	RTS_R4+_421
TSS-FWD-775	FWD	1299154	231	232	232	RTS_R4+_421
TSS-FWD-776	FWD	1301158	12	12	12	RTS_R4+_422
TSS-FWD-777	FWD	1301186	19	19	19	RTS_R4+_422
TSS-FWD-778	FWD	1306787	46	51	55	RTS_R4+_423
TSS-FWD-779	FWD	1309082	154	154	155	RTS_R4+_424
TSS-FWD-780	FWD	1309102	64	64	64	RTS_R4+_424
TSS-FWD-781	FWD	1312015	5	32	35	RTS_R4+_425
TSS-FWD-782	FWD	1321212	25	25	25	RTS_R4+_426
TSS-FWD-783	FWD	1321789	79	79	79	RTS_R4+_427
TSS-FWD-784	FWD	1324321	16	16	16	RTS_R4+_429
TSS-FWD-785	FWD	1324784	381	382	382	RTS_R4+_430
TSS-FWD-786	FWD	1324836	81	81	81	RTS_R4+_430
TSS-FWD-787	FWD	1327326	330	331	331	RTS_R4+_431
TSS-FWD-788	FWD	1328821	15	15	16	RTS_R4+_432
TSS-FWD-789	FWD	1328843	17	17	17	RTS_R4+_432
TSS-FWD-790	FWD	1328907	4	4	4	RTS_R4+_432
TSS-FWD-791	FWD	1329004	1	3	3	RTS_R4+_432
TSS-FWD-792	FWD	1331785	304	305	305	RTS_R4+_433
TSS-FWD-793	FWD	1331795	509	510	510	RTS_R4+_433
TSS-FWD-794	FWD	1331804	69	69	69	RTS_R4+_433
TSS-FWD-795	FWD	1333102	21	21	76	RTS_R4+_434
TSS-FWD-796	FWD	1333114	117	120	120	RTS_R4+_434
TSS-FWD-797	FWD	1333123	68	69	71	RTS_R4+_434
TSS-FWD-798	FWD	1333453	38	38	38	RTS_R4+_435
TSS-FWD-799	FWD	1333805	106	109	120	RTS_R4+_435
TSS-FWD-800	FWD	1337333	22	22	22	RTS_R4+_436
TSS-FWD-801	FWD	1337396	16	16	16	RTS_R4+_436
TSS-FWD-802	FWD	1338115	18	18	18	RTS_R4+_437
TSS-FWD-803	FWD	1338159	12	26	26	RTS_R4+_437
TSS-FWD-804	FWD	1339893	44	44	44	RTS_R4+_438
TSS-FWD-805	FWD	1339903	45	45	45	RTS_R4+_438
TSS-FWD-806	FWD	1359076	417	417	428	RTS_R4+_439
TSS-FWD-807	FWD	1359085	47	47	48	RTS_R4+_439
TSS-FWD-808	FWD	1359092	196	196	197	RTS_R4+_439
TSS-FWD-809	FWD	1359119	92	92	93	RTS_R4+_439
TSS-FWD-810	FWD	1366062	438	732	737	RTS_R4+_440
TSS-FWD-811	FWD	1366071	45	82	82	RTS_R4+_440
TSS-FWD-812	FWD	1367686	1141	1141	1141	RTS_R4+_441
TSS-FWD-813	FWD	1382094	31	91	94	RTS_R4+_443
TSS-FWD-814	FWD	1382105	82	93	93	RTS_R4+_443

TSS-FWD-815	FWD	1384715	91	91	94	RTS_R4+_444
TSS-FWD-816	FWD	1384723	32	33	33	RTS_R4+_444
TSS-FWD-817	FWD	1386892	19	20	20	RTS_R4+_445
TSS-FWD-818	FWD	1389971	38	44	45	RTS_R4+_446
TSS-FWD-819	FWD	1390986	17	17	17	RTS_R4+_447
TSS-FWD-820	FWD	1393945	2	4	4	RTS_R4+_448
TSS-FWD-821	FWD	1395353	355	361	365	RTS_R4+_449
TSS-FWD-822	FWD	1395364	350	350	354	RTS_R4+_449
TSS-FWD-823	FWD	1402725	5	5	5	RTS_R4+_450
TSS-FWD-824	FWD	1403917	14	15	15	RTS_R4+_451
TSS-FWD-825	FWD	1403980	21	21	21	RTS_R4+_451
TSS-FWD-826	FWD	1406048	4	9	37	RTS_R4+_452
TSS-FWD-827	FWD	1406499	15	15	15	RTS_R4+_453
TSS-FWD-828	FWD	1407153	6	322	324	RTS_R4+_454
TSS-FWD-829	FWD	1407307	9	9	9	RTS_R4+_455
TSS-FWD-830	FWD	1416670	10	10	10	
TSS-FWD-831	FWD	1418251	1	1	1	
TSS-FWD-832	FWD	1421735	13	13	13	RTS_R4+_456
TSS-FWD-833	FWD	1429174	5	5	5	RTS_R4+_458
TSS-FWD-834	FWD	1431209			1	RTS_R4+_459
TSS-FWD-835	FWD	1432540	6	6	6	RTS_R4+_460
TSS-FWD-836	FWD	1435014	2	2	2	RTS_R4+_461
TSS-FWD-837	FWD	1439047	35	46	96	RTS_R4+_462
TSS-FWD-838	FWD	1441032	95	95	95	RTS_R4+_463
TSS-FWD-839	FWD	1441046	34	34	34	RTS_R4+_463
TSS-FWD-840	FWD	1443593	35	35	35	RTS_R4+_464
TSS-FWD-841	FWD	1445367	13	13	13	RTS_R4+_465
TSS-FWD-842	FWD	1459465	17	17	17	RTS_R4+_466
TSS-FWD-843	FWD	1460199	6	6	6	RTS_R4+_467
TSS-FWD-844	FWD	1461534	13	13	21	RTS_R4+_468
TSS-FWD-845	FWD	1465734	9	9	9	RTS_R4+_470
TSS-FWD-846	FWD	1465893	4	4	10	RTS_R4+_470
TSS-FWD-847	FWD	1467293		1	1	RTS_R4+_471
TSS-FWD-848	FWD	1468976	11	11	11	RTS_R4+_472
TSS-FWD-849	FWD	1469073	15	17	17	RTS_R4+_472
TSS-FWD-850	FWD	1469159	5	14	14	RTS_R4+_472
TSS-FWD-851	FWD	1472213	23	23	25	RTS_R4+_473
TSS-FWD-852	FWD	1481038	87	88	90	RTS_R4+_474
TSS-FWD-853	FWD	1485191	71	72	72	RTS_R4+_475
TSS-FWD-854	FWD	1485228	129	135	135	RTS_R4+_475
TSS-FWD-855	FWD	1486215	95	95	111	RTS_R4+_476
TSS-FWD-856	FWD	1488899	254	254	254	RTS_R4+_477
TSS-FWD-857	FWD	1489467	45	45	45	RTS_R4+_478
TSS-FWD-858	FWD	1489838	33	37	40	
TSS-FWD-859	FWD	1490461	18	18	18	RTS_R4+_479
TSS-FWD-860	FWD	1493185	9	9	9	RTS_R4+_480
TSS-FWD-861	FWD	1494803	32	32	33	RTS_R4+_481
TSS-FWD-862	FWD	1496788			11	RTS_R4+_483
TSS-FWD-863	FWD	1498559	9	9	9	RTS_R4+_484
TSS-FWD-864	FWD	1500452	72	75	80	RTS_R4+_485
TSS-FWD-865	FWD	1501681	12	13	13	RTS_R4+_486
TSS-FWD-866	FWD	1503923	4	4	4	RTS_R4+_487
TSS-FWD-867	FWD	1504343		1	5	RTS_R4+_488
TSS-FWD-868	FWD	1507299	65	65	67	RTS_R4+_489
TSS-FWD-869	FWD	1508002	23	23	23	RTS_R4+_490
TSS-FWD-870	FWD	1509620			17	RTS_R4+_491
TSS-FWD-871	FWD	1509628			17	RTS_R4+_491
TSS-FWD-872	FWD	1512672	8	8	8	RTS_R4+_492
TSS-FWD-873	FWD	1515286	14	14	14	RTS_R4+_493
TSS-FWD-874	FWD	1515384	13	13	13	RTS_R4+_493
TSS-FWD-875	FWD	1515636	646	674	694	RTS_R4+_494
TSS-FWD-876	FWD	1517023	69	70	73	RTS_R4+_495
TSS-FWD-877	FWD	1518295	8	8	8	RTS_R4+_496

TSS-FWD-878	FWD	1518318	6	6	6	RTS_R4+_496
TSS-FWD-879	FWD	1521251	1198	1198	1200	RTS_R4+_497
TSS-FWD-880	FWD	1521288	80	80	81	RTS_R4+_497
TSS-FWD-881	FWD	1524249	27	27	30	RTS_R4+_498
TSS-FWD-882	FWD	1528575	12	12	12	
TSS-FWD-883	FWD	1531009	112	131	136	RTS_R4+_501
TSS-FWD-884	FWD	1531017	51	59	61	RTS_R4+_501
TSS-FWD-885	FWD	1531054	219	221	223	RTS_R4+_501
TSS-FWD-886	FWD	1532024	13	13	13	RTS_R4+_502
TSS-FWD-887	FWD	1545331	7	7	7	RTS_R4+_503
TSS-FWD-888	FWD	1554623	648	648	648	RTS_R4+_504
TSS-FWD-889	FWD	1554633	18	18	18	RTS_R4+_504
TSS-FWD-890	FWD	1590454	8	9	11	RTS_R4+_505
TSS-FWD-891	FWD	1590496	18	18	18	RTS_R4+_505
TSS-FWD-892	FWD	1604091	14	14	16	RTS_R4+_507
TSS-FWD-893	FWD	1605347	47	50	51	RTS_R4+_508
TSS-FWD-894	FWD	1612804	9	10	10	RTS_R4+_510
TSS-FWD-895	FWD	1615019	18	18	18	RTS_R4+_511
TSS-FWD-896	FWD	1615025	13	13	13	RTS_R4+_511
TSS-FWD-897	FWD	1617117	20	21	21	RTS_R4+_512
TSS-FWD-898	FWD	1619451	4	4	4	RTS_R4+_513
TSS-FWD-899	FWD	1620611	161	197	199	RTS_R4+_514
TSS-FWD-900	FWD	1620623	14	67	76	RTS_R4+_514
TSS-FWD-901	FWD	1620630	4	16	30	RTS_R4+_514
TSS-FWD-902	FWD	1622714	5	5	5	RTS_R4+_515
TSS-FWD-903	FWD	1622754	6	6	6	RTS_R4+_515
TSS-FWD-904	FWD	1622768	7	7	8	RTS_R4+_515
TSS-FWD-905	FWD	1625515	277	285	293	RTS_R4+_516
TSS-FWD-906	FWD	1625525	34	40	44	RTS_R4+_516
TSS-FWD-907	FWD	1626350	47	48	48	RTS_R4+_517
TSS-FWD-908	FWD	1627192		15	15	RTS_R4+_518
TSS-FWD-909	FWD	1630662	2	2	2	RTS_R4+_520
TSS-FWD-910	FWD	1640110	11	11	13	RTS_R4+_521
TSS-FWD-911	FWD	1644252		1	1	RTS_R4+_522
TSS-FWD-912	FWD	1644356	10	11	11	RTS_R4+_523
TSS-FWD-913	FWD	1644385	10	11	11	RTS_R4+_523
TSS-FWD-914	FWD	1644410	10	10	10	RTS_R4+_523
TSS-FWD-915	FWD	1645955	264	268	273	RTS_R4+_524
TSS-FWD-916	FWD	1645971	175	176	177	RTS_R4+_524
TSS-FWD-917	FWD	1646462	3	3	3	RTS_R4+_525
TSS-FWD-918	FWD	1647206	14	14	17	RTS_R4+_526
TSS-FWD-919	FWD	1647275	8	12	18	RTS_R4+_526
TSS-FWD-920	FWD	1653746	27	27	27	RTS_R4+_528
TSS-FWD-921	FWD	1653808	69	71	71	RTS_R4+_528
TSS-FWD-922	FWD	1655563	151	164	193	RTS_R4+_529
TSS-FWD-923	FWD	1655569	18	22	55	RTS_R4+_529
TSS-FWD-924	FWD	1656059	2	2	2	RTS_R4+_530
TSS-FWD-925	FWD	1656061	2	2	2	RTS_R4+_530
TSS-FWD-926	FWD	1657572		1	1	RTS_R4+_531
TSS-FWD-927	FWD	1657638	1	1	1	RTS_R4+_531
TSS-FWD-928	FWD	1659685	6	6	6	RTS_R4+_532
TSS-FWD-929	FWD	1661476	1	1	1	RTS_R4+_533
TSS-FWD-930	FWD	1661746		1	1	RTS_R4+_533
TSS-FWD-931	FWD	1663316			1	RTS_R4+_534
TSS-FWD-932	FWD	1663319	1	1	1	RTS_R4+_534
TSS-FWD-933	FWD	1667686	5	5	5	RTS_R4+_535
TSS-FWD-934	FWD	1667781	6	6	6	RTS_R4+_535
TSS-FWD-935	FWD	1669351	15	15	15	RTS_R4+_536
TSS-FWD-936	FWD	1669940	15	22	60	RTS_R4+_537
TSS-FWD-937	FWD	1671914	1	6	6	RTS_R4+_538
TSS-FWD-938	FWD	1676332	30	31	32	RTS_R4+_539
TSS-FWD-939	FWD	1676394	425	427	427	RTS_R4+_539
TSS-FWD-940	FWD	1676402	30	30	30	RTS_R4+_539

TSS-FWD-941	FWD	1678643	3	3	3	RTS_R4+_540
TSS-FWD-942	FWD	1678869	5	5	5	RTS_R4+_540
TSS-FWD-943	FWD	1680159	97	97	97	RTS_R4+_541
TSS-FWD-944	FWD	1680160	61	62	62	RTS_R4+_541
TSS-FWD-945	FWD	1682257	26	26	29	RTS_R4+_542
TSS-FWD-946	FWD	1686569	51	52	52	RTS_R4+_543
TSS-FWD-947	FWD	1686575	64	64	64	RTS_R4+_543
TSS-FWD-948	FWD	1687818	138	138	142	RTS_R4+_544
TSS-FWD-949	FWD	1697338	15	18	18	RTS_R4+_545
TSS-FWD-950	FWD	1697348	5	11	11	RTS_R4+_545
TSS-FWD-951	FWD	1698864	50	50	50	RTS_R4+_546
TSS-FWD-952	FWD	1700228	44	44	44	RTS_R4+_547
TSS-FWD-953	FWD	1702086	1	1	1	RTS_R4+_548
TSS-FWD-954	FWD	1702412	72	75	75	RTS_R4+_549
TSS-FWD-955	FWD	1702536	293	328	333	RTS_R4+_549
TSS-FWD-956	FWD	1702879	62	62	62	RTS_R4+_550
TSS-FWD-957	FWD	1703230	54	54	54	RTS_R4+_551
TSS-FWD-958	FWD	1710713	9	9	9	RTS_R4+_553
TSS-FWD-959	FWD	1712376	113	113	113	RTS_R4+_554
TSS-FWD-960	FWD	1717775	405	414	420	RTS_R4+_555
TSS-FWD-961	FWD	1717783	98	109	117	RTS_R4+_555
TSS-FWD-962	FWD	1717794	168	175	222	RTS_R4+_555
TSS-FWD-963	FWD	1717801	3797	3920	3932	RTS_R4+_555
TSS-FWD-964	FWD	1717842	304	306	306	RTS_R4+_555
TSS-FWD-965	FWD	1717855	80	81	86	RTS_R4+_555
TSS-FWD-966	FWD	1717893	139	147	150	RTS_R4+_555
TSS-FWD-967	FWD	1718960	6	7	7	RTS_R4+_556
TSS-FWD-968	FWD	1719022	4	4	4	RTS_R4+_556
TSS-FWD-969	FWD	1724047	23	23	24	RTS_R4+_557
TSS-FWD-970	FWD	1724064	15	15	15	RTS_R4+_557
TSS-FWD-971	FWD	1725785	51	52	52	RTS_R4+_558
TSS-FWD-972	FWD	1725824	305	321	321	RTS_R4+_558
TSS-FWD-973	FWD	1725833	454	460	460	RTS_R4+_558
TSS-FWD-974	FWD	1726343	29	29	29	RTS_R4+_559
TSS-FWD-975	FWD	1732405	60	60	60	RTS_R4+_560
TSS-FWD-976	FWD	1733349	2186	2236	2242	RTS_R4+_561
TSS-FWD-977	FWD	1733362	1519	1731	1758	RTS_R4+_561
TSS-FWD-978	FWD	1733380	163	170	170	RTS_R4+_561
TSS-FWD-979	FWD	1735712	245	245	245	RTS_R4+_562
TSS-FWD-980	FWD	1735720	52	52	52	RTS_R4+_562
TSS-FWD-981	FWD	1737904	50	52	53	RTS_R4+_563
TSS-FWD-982	FWD	1739225	127	128	131	RTS_R4+_564
TSS-FWD-983	FWD	1739338	156	156	157	RTS_R4+_564
TSS-FWD-984	FWD	1739404	36	38	41	RTS_R4+_564
TSS-FWD-985	FWD	1741414	25	27	27	RTS_R4+_565
TSS-FWD-986	FWD	1744459	438	448	484	RTS_R4+_566
TSS-FWD-987	FWD	1744697	310	312	313	RTS_R4+_567
TSS-FWD-988	FWD	1745115	82	82	91	RTS_R4+_568
TSS-FWD-989	FWD	1753583	265	265	265	RTS_R4+_569
TSS-FWD-990	FWD	1753624	88	88	91	RTS_R4+_569
TSS-FWD-991	FWD	1753637	144	144	144	RTS_R4+_569
TSS-FWD-992	FWD	1753651	251	251	255	RTS_R4+_569
TSS-FWD-993	FWD	1753685	635	635	638	RTS_R4+_569
TSS-FWD-994	FWD	1753695	601	602	603	RTS_R4+_569
TSS-FWD-995	FWD	1753703	70	70	70	RTS_R4+_569
TSS-FWD-996	FWD	1755407	8970	10076	12457	RTS_R4+_570
TSS-FWD-997	FWD	1755419	8492	8517	8520	RTS_R4+_570
TSS-FWD-998	FWD	1766794	18	18	18	RTS_R4+_571
TSS-FWD-999	FWD	1768396	367	428	472	RTS_R4+_571
TSS-FWD-1000	FWD	1772646	13	13	13	RTS_R4+_573
TSS-FWD-1001	FWD	1785439	35	36	37	RTS_R4+_575
TSS-FWD-1002	FWD	1786345	128	128	128	RTS_R4+_576
TSS-FWD-1003	FWD	1786408	62	63	63	RTS_R4+_576

TSS-FWD-1004	FWD	1786444	54	54	54	RTS_R4+_576
TSS-FWD-1005	FWD	1787609	70	70	70	RTS_R4+_577
TSS-FWD-1006	FWD	1797314	4	4	4	RTS_R4+_578
TSS-FWD-1007	FWD	1803158	9	9	9	RTS_R4+_579
TSS-FWD-1008	FWD	1804346	2	2	2	RTS_R4+_580
TSS-FWD-1009	FWD	1804376	110	112	114	RTS_R4+_580
TSS-FWD-1010	FWD	1805399	33	33	35	RTS_R4+_581
TSS-FWD-1011	FWD	1805794		2	17	RTS_R4+_582
TSS-FWD-1012	FWD	1807303	70	70	70	RTS_R4+_583
TSS-FWD-1013	FWD	1807313	32	32	32	RTS_R4+_583
TSS-FWD-1014	FWD	1807348	137	137	138	RTS_R4+_583
TSS-FWD-1015	FWD	1808906	5390	5391	5391	RTS_R4+_585
TSS-FWD-1016	FWD	1808938	74	74	74	RTS_R4+_585
TSS-FWD-1017	FWD	1808943	119	119	119	RTS_R4+_585
TSS-FWD-1018	FWD	1811839	46	46	46	RTS_R4+_586
TSS-FWD-1019	FWD	1820452	178	179	179	RTS_R4+_587
TSS-FWD-1020	FWD	1820460	607	611	612	RTS_R4+_587
TSS-FWD-1021	FWD	1821516	37	37	37	RTS_R4+_588
TSS-FWD-1022	FWD	1830423	109	110	110	RTS_R4+_589
TSS-FWD-1023	FWD	1831520	6	6	6	RTS_R4+_590
TSS-FWD-1024	FWD	1832010	11	11	11	RTS_R4+_591
TSS-FWD-1025	FWD	1833171	4	4	4	RTS_R4+_592
TSS-FWD-1026	FWD	1833341	6	6	6	RTS_R4+_592
TSS-FWD-1027	FWD	1833483	4	4	4	RTS_R4+_592
TSS-FWD-1028	FWD	1839484	30	30	30	RTS_R4+_593
TSS-FWD-1029	FWD	1840289	84	85	85	RTS_R4+_594
TSS-FWD-1030	FWD	1840332	601	603	604	RTS_R4+_594
TSS-FWD-1031	FWD	1840340	82	82	82	RTS_R4+_594
TSS-FWD-1032	FWD	1840347	87	87	87	RTS_R4+_594
TSS-FWD-1033	FWD	1840356	228	228	228	RTS_R4+_594
TSS-FWD-1034	FWD	1840362	43	43	43	RTS_R4+_594
TSS-FWD-1035	FWD	1840370	73	73	73	RTS_R4+_594
TSS-FWD-1036	FWD	1840385	76	77	77	RTS_R4+_594
TSS-FWD-1037	FWD	1846816	116	117	118	RTS_R4+_595
TSS-FWD-1038	FWD	1848858	48	49	49	RTS_R4+_596
TSS-FWD-1039	FWD	1860550	85	85	96	RTS_R4+_598
TSS-FWD-1040	FWD	1860641	407	407	407	RTS_R4+_598
TSS-FWD-1041	FWD	1860750	110	113	115	RTS_R4+_598
TSS-FWD-1042	FWD	1860759	3007	3020	3020	RTS_R4+_598
TSS-FWD-1043	FWD	1860764	1834	1836	1838	RTS_R4+_598
TSS-FWD-1044	FWD	1860768	765	768	769	RTS_R4+_598
TSS-FWD-1045	FWD	1860775	103	105	106	RTS_R4+_598
TSS-FWD-1046	FWD	1861848	45	47	47	RTS_R4+_599
TSS-FWD-1047	FWD	1864771			11	RTS_R4+_600
TSS-FWD-1048	FWD	1869267	2	2	2	RTS_R4+_601
TSS-FWD-1049	FWD	1870070	3	3	3	RTS_R4+_602
TSS-FWD-1050	FWD	1871568	26	26	26	RTS_R4+_603
TSS-FWD-1051	FWD	1872376	4	4	4	RTS_R4+_604
TSS-FWD-1052	FWD	1873676	1	1	1	
TSS-FWD-1053	FWD	1874890	16	16	17	RTS_R4+_605
TSS-FWD-1054	FWD	1874905	19	20	20	RTS_R4+_605
TSS-FWD-1055	FWD	1875691	134	134	134	RTS_R4+_606
TSS-FWD-1056	FWD	1879856	4	4	4	RTS_R4+_607
TSS-FWD-1057	FWD	1881168	1	1	1	
TSS-FWD-1058	FWD	1891360	4025	4080	4082	RTS_R4+_608
TSS-FWD-1059	FWD	1891366	463	470	470	RTS_R4+_608
TSS-FWD-1060	FWD	1891374	78	81	81	RTS_R4+_608
TSS-FWD-1061	FWD	1892041	11	11	50	RTS_R4+_609
TSS-FWD-1062	FWD	1892781	32	32	32	RTS_R4+_610
TSS-FWD-1063	FWD	1894833		106	106	RTS_R4+_611
TSS-FWD-1064	FWD	1899959	103	113	126	RTS_R4+_613
TSS-FWD-1065	FWD	1900054	39	40	40	RTS_R4+_613
TSS-FWD-1066	FWD	1901068	247	254	254	RTS_R4+_614

TSS-FWD-1067	FWD	1901076	59	59	59	RTS_R4+_614
TSS-FWD-1068	FWD	1902743		7	15	RTS_R4+_615
TSS-FWD-1069	FWD	1903486	2	2	2	RTS_R4+_616
TSS-FWD-1070	FWD	1906179			2	RTS_R4+_617
TSS-FWD-1071	FWD	1906925	53	53	53	RTS_R4+_618
TSS-FWD-1072	FWD	1914178	41	41	41	RTS_R4+_619
TSS-FWD-1073	FWD	1914258	71	72	72	RTS_R4+_619
TSS-FWD-1074	FWD	1915436	110	110	110	RTS_R4+_620
TSS-FWD-1075	FWD	1918223	21	21	21	RTS_R4+_621
TSS-FWD-1076	FWD	1919749	12	12	17	RTS_R4+_622
TSS-FWD-1077	FWD	1920121			2	RTS_R4+_623
TSS-FWD-1078	FWD	1921090	8	10	41	RTS_R4+_624
TSS-FWD-1079	FWD	1923112	194	195	195	RTS_R4+_625
TSS-FWD-1080	FWD	1923413	26	27	31	RTS_R4+_626
TSS-FWD-1081	FWD	1924122	11	11	11	RTS_R4+_627
TSS-FWD-1082	FWD	1928881	147	147	147	RTS_R4+_628
TSS-FWD-1083	FWD	1934613	88	88	88	RTS_R4+_629
TSS-FWD-1084	FWD	1935526	41	41	41	RTS_R4+_630
TSS-FWD-1085	FWD	1935566	408	409	411	RTS_R4+_630
TSS-FWD-1086	FWD	1935571	269	271	271	RTS_R4+_630
TSS-FWD-1087	FWD	1940581	44	44	44	RTS_R4+_631
TSS-FWD-1088	FWD	1940614	31	31	31	RTS_R4+_631
TSS-FWD-1089	FWD	1940625	40	40	40	RTS_R4+_631
TSS-FWD-1090	FWD	1940658	10	10	16	RTS_R4+_631
TSS-FWD-1091	FWD	1944248	3	3	4	
TSS-FWD-1092	FWD	1948632	5	5	5	RTS_R4+_632
TSS-FWD-1093	FWD	1948794	4	4	4	RTS_R4+_632
TSS-FWD-1094	FWD	1950455	11	11	11	RTS_R4+_633
TSS-FWD-1095	FWD	1953581		1	1	RTS_R4+_634
TSS-FWD-1096	FWD	1958029	168	169	169	RTS_R4+_635
TSS-FWD-1097	FWD	1977320	11	11	11	RTS_R4+_636
TSS-FWD-1098	FWD	1977744	3	3	3	RTS_R4+_637
TSS-FWD-1099	FWD	1980567	13	13	13	RTS_R4+_638
TSS-FWD-1100	FWD	1984821	4	7	7	RTS_R4+_639
TSS-FWD-1101	FWD	1986706	200	242	244	RTS_R4+_640
TSS-FWD-1102	FWD	1986724	40	54	54	RTS_R4+_640
TSS-FWD-1103	FWD	1987667	50	52	52	RTS_R4+_641
TSS-FWD-1104	FWD	1993798	37	39	39	RTS_R4+_642
TSS-FWD-1105	FWD	1993814	27	27	27	RTS_R4+_642
TSS-FWD-1106	FWD	1994856	3	3	3	RTS_R4+_643
TSS-FWD-1107	FWD	1998511	2	2	3	RTS_R4+_644
TSS-FWD-1108	FWD	2001860	300	300	300	
TSS-FWD-1109	FWD	2001866	669	669	669	
TSS-FWD-1110	FWD	2004156	21	21	22	RTS_R4+_645
TSS-FWD-1111	FWD	2006264	17	17	17	RTS_R4+_646
TSS-FWD-1112	FWD	2007826	8	9	9	RTS_R4+_647
TSS-FWD-1113	FWD	2007831	9	9	10	RTS_R4+_647
TSS-FWD-1114	FWD	2008610	2	2	2	RTS_R4+_648
TSS-FWD-1115	FWD	2008621		2	2	RTS_R4+_648
TSS-FWD-1116	FWD	2011167	1	1	1	RTS_R4+_649
TSS-FWD-1117	FWD	2017609	23	23	23	RTS_R4+_650
TSS-FWD-1118	FWD	2018934	74	74	74	
TSS-FWD-1119	FWD	2021861	1	1	1	
TSS-FWD-1120	FWD	2022951	1	1	53	RTS_R4+_651
TSS-FWD-1121	FWD	2023477	17	17	17	RTS_R4+_652
TSS-FWD-1122	FWD	2032159	1	1	20	RTS_R4+_653
TSS-FWD-1123	FWD	2033655	60	60	61	RTS_R4+_654
TSS-FWD-1124	FWD	2033776	117	118	121	RTS_R4+_654
TSS-FWD-1125	FWD	2033785	76	77	96	RTS_R4+_654
TSS-FWD-1126	FWD	2033789	132	132	135	RTS_R4+_654
TSS-FWD-1127	FWD	2033804	98	117	117	RTS_R4+_654
TSS-FWD-1128	FWD	2036955	75	75	75	RTS_R4+_655
TSS-FWD-1129	FWD	2037773	192	194	250	RTS_R4+_656

TSS-FWD-1130	FWD	2039362	42	42	60	RTS_R4+_657
TSS-FWD-1131	FWD	2039368	2377	2381	2452	RTS_R4+_657
TSS-FWD-1132	FWD	2039374	313	313	316	RTS_R4+_657
TSS-FWD-1133	FWD	2039382	59	59	60	RTS_R4+_657
TSS-FWD-1134	FWD	2039935	60	60	63	RTS_R4+_658
TSS-FWD-1135	FWD	2041628	88	88	89	RTS_R4+_659
TSS-FWD-1136	FWD	2042462	32	32	32	RTS_R4+_660
TSS-FWD-1137	FWD	2047956	11	11	11	RTS_R4+_661
TSS-FWD-1138	FWD	2051590	95	97	97	RTS_R4+_662
TSS-FWD-1139	FWD	2053054	28	28	29	RTS_R4+_663
TSS-FWD-1140	FWD	2054822	1825	1825	1825	RTS_R4+_664
TSS-FWD-1141	FWD	2054830	69	69	69	RTS_R4+_664
TSS-FWD-1142	FWD	2054841	696	696	696	RTS_R4+_664
TSS-FWD-1143	FWD	2054850	47	47	47	RTS_R4+_664
TSS-FWD-1144	FWD	2054862	72	72	72	RTS_R4+_664
TSS-FWD-1145	FWD	2057875	12	12	12	RTS_R4+_665
TSS-FWD-1146	FWD	2066552	16	16	16	RTS_R4+_667
TSS-FWD-1147	FWD	2068330	2	2	2	RTS_R4+_669
TSS-FWD-1148	FWD	2068543	8	8	8	RTS_R4+_670
TSS-FWD-1149	FWD	2069348	20	20	21	RTS_R4+_671
TSS-FWD-1150	FWD	2069496	202	202	202	RTS_R4+_672
TSS-FWD-1151	FWD	2069533	13	13	13	RTS_R4+_672
TSS-FWD-1152	FWD	2074114	5	5	5	
TSS-FWD-1153	FWD	2076053	4	5	5	RTS_R4+_673
TSS-FWD-1154	FWD	2080756	144	144	144	RTS_R4+_674
TSS-FWD-1155	FWD	2087989	661	680	682	RTS_R4+_675
TSS-FWD-1156	FWD	2088018	838	849	852	RTS_R4+_675
TSS-FWD-1157	FWD	2088157	34	34	34	RTS_R4+_676
TSS-FWD-1158	FWD	2088187	46	46	46	RTS_R4+_676
TSS-FWD-1159	FWD	2088197	211	211	211	RTS_R4+_676
TSS-FWD-1160	FWD	2094440	64	64	64	RTS_R4+_677
TSS-FWD-1161	FWD	2094579	52	52	52	RTS_R4+_677
TSS-FWD-1162	FWD	2135887	1	1	4	RTS_R4+_678
TSS-FWD-1163	FWD	2137557		9	24	RTS_R4+_679
TSS-FWD-1164	FWD	2141248	16	17	17	RTS_R4+_680
TSS-FWD-1165	FWD	2141382	21	21	21	RTS_R4+_680
TSS-FWD-1166	FWD	2145873	6	6	6	RTS_R4+_681
TSS-FWD-1167	FWD	2151335	8	8	10	RTS_R4+_682
TSS-FWD-1168	FWD	2151670	2	76	183	RTS_R4+_683
TSS-FWD-1169	FWD	2152003	3	9	20	RTS_R4+_684
TSS-FWD-1170	FWD	2159215	6	6	6	RTS_R4+_685
TSS-FWD-1171	FWD	2159276	5	5	5	RTS_R4+_685
TSS-FWD-1172	FWD	2162220	15	15	15	RTS_R4+_686
TSS-FWD-1173	FWD	2163156	116	118	145	RTS_R4+_687
TSS-FWD-1174	FWD	2163618	17	18	18	RTS_R4+_688
TSS-FWD-1175	FWD	2165138	56	326	1515	RTS_R4+_689
TSS-FWD-1176	FWD	2166709	207	207	208	RTS_R4+_690
TSS-FWD-1177	FWD	2183945	1	1	1	RTS_R4+_692
TSS-FWD-1178	FWD	2183960	1	1	1	RTS_R4+_692
TSS-FWD-1179	FWD	2184884	33	34	34	RTS_R4+_693
TSS-FWD-1180	FWD	2184935	29	29	31	RTS_R4+_693
TSS-FWD-1181	FWD	2192291	23	31	32	RTS_R4+_694
TSS-FWD-1182	FWD	2212711	4	5	5	RTS_R4+_695
TSS-FWD-1183	FWD	2213656	2	2	2	RTS_R4+_696
TSS-FWD-1184	FWD	2216103			1	RTS_R4+_697
TSS-FWD-1185	FWD	2220176	133	134	135	RTS_R4+_698
TSS-FWD-1186	FWD	2223799	13	14	15	RTS_R4+_699
TSS-FWD-1187	FWD	2226980	4	4	34	RTS_R4+_700
TSS-FWD-1188	FWD	2228625	10	22	22	RTS_R4+_701
TSS-FWD-1189	FWD	2229842	12	13	13	RTS_R4+_702
TSS-FWD-1190	FWD	2230872	18	18	18	RTS_R4+_703
TSS-FWD-1191	FWD	2232004	7	16	17	RTS_R4+_704
TSS-FWD-1192	FWD	2232009	16	19	21	RTS_R4+_704

TSS-FWD-1193	FWD	2241903	517	517	517	RTS_R4+_705
TSS-FWD-1194	FWD	2247690	9	9	9	RTS_R4+_706
TSS-FWD-1195	FWD	2248828	88	88	88	RTS_R4+_707
TSS-FWD-1196	FWD	2253259	2	2	2	
TSS-FWD-1197	FWD	2262767	6	6	6	RTS_R4+_708
TSS-FWD-1198	FWD	2263437	1308	1309	1309	RTS_R4+_709
TSS-FWD-1199	FWD	2263442	307	307	307	RTS_R4+_709
TSS-FWD-1200	FWD	2263448	192	192	192	RTS_R4+_709
TSS-FWD-1201	FWD	2263464	56	56	56	RTS_R4+_709
TSS-FWD-1202	FWD	2264236	11	12	14	RTS_R4+_710
TSS-FWD-1203	FWD	2265820	29	29	29	RTS_R4+_711
TSS-FWD-1204	FWD	2267942	84	106	114	RTS_R4+_712
TSS-FWD-1205	FWD	2267949	50	51	51	RTS_R4+_712
TSS-FWD-1206	FWD	2267996	109	109	109	RTS_R4+_712
TSS-FWD-1207	FWD	2268700	27	27	27	RTS_R4+_713
TSS-FWD-1208	FWD	2270390	5	5	5	RTS_R4+_714
TSS-FWD-1209	FWD	2271987	22	22	22	RTS_R4+_715
TSS-FWD-1210	FWD	2273017	26	26	26	RTS_R4+_716
TSS-FWD-1211	FWD	2273178	23	23	23	RTS_R4+_716
TSS-FWD-1212	FWD	2276513	11	11	11	RTS_R4+_717
TSS-FWD-1213	FWD	2278630	10	10	10	RTS_R4+_718
TSS-FWD-1214	FWD	2280402	2	2	2	RTS_R4+_719
TSS-FWD-1215	FWD	2282124	20	21	22	RTS_R4+_720
TSS-FWD-1216	FWD	2284233	8411	8876	10505	RTS_R4+_721
TSS-FWD-1217	FWD	2288371	44	44	44	RTS_R4+_722
TSS-FWD-1218	FWD	2288391	36	36	36	RTS_R4+_722
TSS-FWD-1219	FWD	2288444	1	4	4	RTS_R4+_722
TSS-FWD-1220	FWD	2301615			4	RTS_R4+_723
TSS-FWD-1221	FWD	2301894	16	16	16	RTS_R4+_724
TSS-FWD-1222	FWD	2307005		2	2	RTS_R4+_725
TSS-FWD-1223	FWD	2311106	51	64	124	RTS_R4+_726
TSS-FWD-1224	FWD	2311474	46	46	46	RTS_R4+_727
TSS-FWD-1225	FWD	2314084	2029	2029	2029	RTS_R4+_728
TSS-FWD-1226	FWD	2314140	435	437	437	RTS_R4+_728
TSS-FWD-1227	FWD	2318037			1	RTS_R4+_729
TSS-FWD-1228	FWD	2337562	62	75	75	RTS_R4+_730
TSS-FWD-1229	FWD	2339227		2	2	RTS_R4+_731
TSS-FWD-1230	FWD	2342780	175	175	175	RTS_R4+_732
TSS-FWD-1231	FWD	2345374	41	42	42	RTS_R4+_733
TSS-FWD-1232	FWD	2347962	10	10	10	RTS_R4+_734
TSS-FWD-1233	FWD	2350615	2	2	2	RTS_R4+_735
TSS-FWD-1234	FWD	2355575	26	26	26	RTS_R4+_736
TSS-FWD-1235	FWD	2362549	13	13	13	RTS_R4+_737
TSS-FWD-1236	FWD	2363738	3	4	8	RTS_R4+_738
TSS-FWD-1237	FWD	2367286	10	10	10	RTS_R4+_739
TSS-FWD-1238	FWD	2367400	7	7	7	RTS_R4+_739
TSS-FWD-1239	FWD	2370154	3	3	3	RTS_R4+_740
TSS-FWD-1240	FWD	2379604	60	60	60	RTS_R4+_741
TSS-FWD-1241	FWD	2379610	41	41	41	RTS_R4+_741
TSS-FWD-1242	FWD	2383830	3	3	3	
TSS-FWD-1243	FWD	2386595	2	2	2	RTS_R4+_742
TSS-FWD-1244	FWD	2405531	19	19	19	RTS_R4+_743
TSS-FWD-1245	FWD	2406858	48	50	50	RTS_R4+_744
TSS-FWD-1246	FWD	2411366	145	145	145	RTS_R4+_745
TSS-FWD-1247	FWD	2411459	86	86	87	RTS_R4+_745
TSS-FWD-1248	FWD	2412727	100	100	101	RTS_R4+_746
TSS-FWD-1249	FWD	2418614	20	20	26	RTS_R4+_748
TSS-FWD-1250	FWD	2419323	1329	1340	1340	RTS_R4+_749
TSS-FWD-1251	FWD	2419630	38	39	40	RTS_R4+_750
TSS-FWD-1252	FWD	2435951	1	1	1	RTS_R4+_751
TSS-FWD-1253	FWD	2439761	6	6	6	RTS_R4+_752
TSS-FWD-1254	FWD	2446603	113	113	113	RTS_R4+_753
TSS-FWD-1255	FWD	2459227			33	RTS_R4+_754

TSS-FWD-1256	FWD	2463296	11	12	13	RTS_R4+_755
TSS-FWD-1257	FWD	2464331	257	312	630	RTS_R4+_756
TSS-FWD-1258	FWD	2464537	5	5	5	RTS_R4+_757
TSS-FWD-1259	FWD	2464558	6	6	6	RTS_R4+_757
TSS-FWD-1260	FWD	2465852	439	439	439	RTS_R4+_758
TSS-FWD-1261	FWD	2465858	71	71	71	RTS_R4+_758
TSS-FWD-1262	FWD	2467044	61	61	61	RTS_R4+_759
TSS-FWD-1263	FWD	2467055	41	41	41	RTS_R4+_759
TSS-FWD-1264	FWD	2468770	8	12	108	RTS_R4+_760
TSS-FWD-1265	FWD	2477127	18	18	18	RTS_R4+_762
TSS-FWD-1266	FWD	2477132	22	22	22	RTS_R4+_762
TSS-FWD-1267	FWD	2481652	344	344	346	RTS_R4+_763
TSS-FWD-1268	FWD	2481663	129	130	130	RTS_R4+_763
TSS-FWD-1269	FWD	2483950	67	67	67	RTS_R4+_764
TSS-FWD-1270	FWD	2493621	2	2	2	RTS_R4+_765
TSS-FWD-1271	FWD	2494819	35	38	38	RTS_R4+_766
TSS-FWD-1272	FWD	2496668	4	4	4	RTS_R4+_767
TSS-FWD-1273	FWD	2499128	7	7	7	RTS_R4+_768
TSS-FWD-1274	FWD	2507477	7	7	9	RTS_R4+_769
TSS-FWD-1275	FWD	2508983	6	6	6	RTS_R4+_770
TSS-FWD-1276	FWD	2510904	64	64	64	RTS_R4+_771
TSS-FWD-1277	FWD	2511000	161	161	161	RTS_R4+_771
TSS-FWD-1278	FWD	2511032	131	131	131	RTS_R4+_771
TSS-FWD-1279	FWD	2512273	8	8	8	RTS_R4+_772
TSS-FWD-1280	FWD	2516429	53	53	55	RTS_R4+_773
TSS-FWD-1281	FWD	2516468	17	17	17	RTS_R4+_773
TSS-FWD-1282	FWD	2518953	3	12	17	RTS_R4+_774
TSS-FWD-1283	FWD	2523196	1	1	1	RTS_R4+_775
TSS-FWD-1284	FWD	2524948	154	155	158	RTS_R4+_776
TSS-FWD-1285	FWD	2529446	118	118	118	RTS_R4+_777
TSS-FWD-1286	FWD	2530399	537	537	537	RTS_R4+_778
TSS-FWD-1287	FWD	2530408	5098	5098	5098	RTS_R4+_778
TSS-FWD-1288	FWD	2530418	946	946	946	RTS_R4+_778
TSS-FWD-1289	FWD	2531523	885	888	888	RTS_R4+_779
TSS-FWD-1290	FWD	2531529	181	182	182	RTS_R4+_779
TSS-FWD-1291	FWD	2531614	211	211	211	RTS_R4+_779
TSS-FWD-1292	FWD	2531617	200	207	207	RTS_R4+_779
TSS-FWD-1293	FWD	2531710	259	260	260	RTS_R4+_779
TSS-FWD-1294	FWD	2531713	5702	5715	5715	RTS_R4+_779
TSS-FWD-1295	FWD	2531754	116	116	116	RTS_R4+_779
TSS-FWD-1296	FWD	2531757	291	293	293	RTS_R4+_779
TSS-FWD-1297	FWD	2531761	156	156	156	RTS_R4+_779
TSS-FWD-1298	FWD	2533502	8	8	8	RTS_R4+_780
TSS-FWD-1299	FWD	2533632	3	5	49	RTS_R4+_780
TSS-FWD-1300	FWD	2533789	946	1002	1018	RTS_R4+_780
TSS-FWD-1301	FWD	2533815	46	48	53	RTS_R4+_780
TSS-FWD-1302	FWD	2533834	72	72	72	RTS_R4+_780
TSS-FWD-1303	FWD	2535337	68	68	68	RTS_R4+_781
TSS-FWD-1304	FWD	2535779	3	3	3	RTS_R4+_782
TSS-FWD-1305	FWD	2543753	37	37	37	RTS_R4+_784
TSS-FWD-1306	FWD	2543763	38	38	38	RTS_R4+_784
TSS-FWD-1307	FWD	2546310	2	2	2	RTS_R4+_785
TSS-FWD-1308	FWD	2550264	81	81	81	RTS_R4+_786
TSS-FWD-1309	FWD	2550301	48	49	49	RTS_R4+_786
TSS-FWD-1310	FWD	2555334	2	2	3	RTS_R4+_787
TSS-FWD-1311	FWD	2556798	17	17	17	RTS_R4+_788
TSS-FWD-1312	FWD	2558357	14	14	14	RTS_R4+_789
TSS-FWD-1313	FWD	2558413	18	18	18	RTS_R4+_789
TSS-FWD-1314	FWD	2560064	6	6	6	RTS_R4+_790
TSS-FWD-1315	FWD	2561495		14	14	RTS_R4+_791
TSS-FWD-1316	FWD	2561969	50	51	51	RTS_R4+_792
TSS-FWD-1317	FWD	2561982	42	47	48	RTS_R4+_792
TSS-FWD-1318	FWD	2562517	17	20	21	RTS_R4+_793

TSS-FWD-1319	FWD	2576628	182	182	183	RTS_R4+_795
TSS-FWD-1320	FWD	2576664	52	52	52	RTS_R4+_795
TSS-FWD-1321	FWD	2583542	6	6	6	RTS_R4+_796
TSS-FWD-1322	FWD	2583590	3	8	10	RTS_R4+_796
TSS-FWD-1323	FWD	2585611	4	4	4	RTS_R4+_797
TSS-FWD-1324	FWD	2589198	77	77	77	RTS_R4+_798
TSS-FWD-1325	FWD	2589582	47	47	47	RTS_R4+_799
TSS-FWD-1326	FWD	2590733	10	12	29	RTS_R4+_800
TSS-FWD-1327	FWD	2594784	19	24	28	RTS_R4+_801
TSS-FWD-1328	FWD	2597901	113	113	116	RTS_R4+_802
TSS-FWD-1329	FWD	2598431	313	313	313	RTS_R4+_803
TSS-FWD-1330	FWD	2598450	109	109	110	RTS_R4+_803
TSS-FWD-1331	FWD	2598459	99	99	99	RTS_R4+_803
TSS-FWD-1332	FWD	2598466	115	115	115	RTS_R4+_803
TSS-FWD-1333	FWD	2614048		1	1	RTS_R4+_804
TSS-FWD-1334	FWD	2614090	3	3	3	RTS_R4+_804
TSS-FWD-1335	FWD	2619175	174	174	174	RTS_R4+_805
TSS-FWD-1336	FWD	2620970	14	14	14	RTS_R4+_806
TSS-FWD-1337	FWD	2620980	13	14	14	RTS_R4+_806
TSS-FWD-1338	FWD	2626040			1	RTS_R4+_807
TSS-FWD-1339	FWD	2627274	63	66	67	RTS_R4+_808
TSS-FWD-1340	FWD	2627785	11	12	12	RTS_R4+_809
TSS-FWD-1341	FWD	2632219	386	390	390	RTS_R4+_810
TSS-FWD-1342	FWD	2650491	20	20	22	RTS_R4+_811
TSS-FWD-1343	FWD	2651867	5	5	5	RTS_R4+_812
TSS-FWD-1344	FWD	2661428	373	373	373	RTS_R4+_813
TSS-FWD-1345	FWD	2661437	315	315	315	RTS_R4+_813
TSS-FWD-1346	FWD	2663423	10	10	10	RTS_R4+_814
TSS-FWD-1347	FWD	2666220			1	RTS_R4+_815
TSS-FWD-1348	FWD	2667041	4	4	4	RTS_R4+_816
TSS-FWD-1349	FWD	2671343	142	145	152	RTS_R4+_817
TSS-FWD-1350	FWD	2680827	15	15	15	RTS_R4+_818
TSS-FWD-1351	FWD	2682044	2	2	2	RTS_R4+_819
TSS-FWD-1352	FWD	2683819	190	192	195	RTS_R4+_820
TSS-FWD-1353	FWD	2683831	33	33	33	RTS_R4+_820
TSS-FWD-1354	FWD	2693782	20	20	20	RTS_R4+_821
TSS-FWD-1355	FWD	2696762	5	7	7	RTS_R4+_822
TSS-FWD-1356	FWD	2697658	11	11	11	RTS_R4+_823
TSS-FWD-1357	FWD	2697678	11	11	11	RTS_R4+_823
TSS-FWD-1358	FWD	2708414	124	126	126	RTS_R4+_824
TSS-FWD-1359	FWD	2710900	14	18	19	RTS_R4+_825
TSS-FWD-1360	FWD	2714752	68	69	69	RTS_R4+_826
TSS-FWD-1361	FWD	2716697	133	138	143	RTS_R4+_827
TSS-FWD-1362	FWD	2717227	9	9	9	RTS_R4+_828
TSS-FWD-1363	FWD	2720309	52	53	56	RTS_R4+_829
TSS-FWD-1364	FWD	2720643	55	55	56	RTS_R4+_830
TSS-FWD-1365	FWD	2720648	51	52	52	RTS_R4+_830
TSS-FWD-1366	FWD	2720691	222	222	222	RTS_R4+_830
TSS-FWD-1367	FWD	2723856	98	98	98	RTS_R4+_831
TSS-FWD-1368	FWD	2733982	24	24	24	RTS_R4+_832
TSS-FWD-1369	FWD	2734095	359	366	366	RTS_R4+_832
TSS-FWD-1370	FWD	2734107	68	74	76	RTS_R4+_832
TSS-FWD-1371	FWD	2734135	53	53	53	RTS_R4+_832
TSS-FWD-1372	FWD	2735146	1205	4094	4436	RTS_R4+_833
TSS-FWD-1373	FWD	2735152	35	203	222	RTS_R4+_833
TSS-FWD-1374	FWD	2735602	177	178	183	RTS_R4+_834
TSS-FWD-1375	FWD	2739371	18	18	20	RTS_R4+_835
TSS-FWD-1376	FWD	2739846	130	133	134	RTS_R4+_836
TSS-FWD-1377	FWD	2745953	13	13	13	RTS_R4+_837
TSS-FWD-1378	FWD	2748759	9	9	9	RTS_R4+_838
TSS-FWD-1379	FWD	2748788	15	15	15	RTS_R4+_838
TSS-FWD-1380	FWD	2749782	32	32	32	RTS_R4+_839
TSS-FWD-1381	FWD	2749795	19	20	20	RTS_R4+_839

TSS-FWD-1382	FWD	2751510	11	12	12	RTS_R4+_840
TSS-FWD-1383	FWD	2751542	40	40	40	RTS_R4+_840
TSS-FWD-1384	FWD	2751577	214	229	233	RTS_R4+_840
TSS-FWD-1385	FWD	2751616	303	322	322	RTS_R4+_840
TSS-FWD-1386	FWD	2752854	32	32	32	RTS_R4+_841
TSS-FWD-1387	FWD	2752896	23	23	23	RTS_R4+_841
TSS-FWD-1388	FWD	2753615	610576	631373	670348	RTS_R4+_842
TSS-FWD-1389	FWD	2754155	21	21	21	RTS_R4+_843
TSS-FWD-1390	FWD	2754190	23	23	23	RTS_R4+_843
TSS-FWD-1391	FWD	2756635	8	8	8	
TSS-FWD-1392	FWD	2763238			2	RTS_R4+_845
TSS-FWD-1393	FWD	2763916	248	249	249	RTS_R4+_846
TSS-FWD-1394	FWD	2763922	184	187	187	RTS_R4+_846
TSS-FWD-1395	FWD	2764659	24	24	24	RTS_R4+_847
TSS-FWD-1396	FWD	2764729			1	RTS_R4+_847
TSS-FWD-1397	FWD	2769830	34	34	34	RTS_R4+_849
TSS-FWD-1398	FWD	2771308	5	5	5	RTS_R4+_850
TSS-FWD-1399	FWD	2773413		1	2	RTS_R4+_851
TSS-FWD-1400	FWD	2775809	32	32	32	RTS_R4+_852
TSS-FWD-1401	FWD	2776786		2	2	RTS_R4+_853
TSS-FWD-1402	FWD	2786949	8	8	31	RTS_R4+_854
TSS-FWD-1403	FWD	2788933			3	RTS_R4+_855
TSS-FWD-1404	FWD	2788948	2	2	5	RTS_R4+_855
TSS-FWD-1405	FWD	2793646	5	5	5	RTS_R4+_856
TSS-FWD-1406	FWD	2795209	158	161	161	RTS_R4+_857
TSS-FWD-1407	FWD	2795219	65	67	68	RTS_R4+_857
TSS-FWD-1408	FWD	2797144		11	11	RTS_R4+_858
TSS-FWD-1409	FWD	2798143	154	158	164	RTS_R4+_859
TSS-FWD-1410	FWD	2798150	218	219	233	RTS_R4+_859
TSS-FWD-1411	FWD	2798678	30	32	45	RTS_R4+_860
TSS-FWD-1412	FWD	2802587	5	5	5	RTS_R4+_861
TSS-FWD-1413	FWD	2802771	13	13	13	RTS_R4+_861
TSS-FWD-1414	FWD	2802782	20	21	21	RTS_R4+_861
TSS-FWD-1415	FWD	2807591	827	831	831	RTS_R4+_862
TSS-FWD-1416	FWD	2807602	72	75	75	RTS_R4+_862
TSS-FWD-1417	FWD	2807710	15	15	15	RTS_R4+_862
TSS-FWD-1418	FWD	2808717	856	856	856	RTS_R4+_863
TSS-FWD-1419	FWD	2808741	992	1002	1003	RTS_R4+_863
TSS-FWD-1420	FWD	2808755	70	71	71	RTS_R4+_863
TSS-FWD-1421	FWD	2808768	12	12	12	RTS_R4+_863
TSS-FWD-1422	FWD	2809360	39	39	39	RTS_R4+_864
TSS-FWD-1423	FWD	2812824	61	74	429	RTS_R4+_865
TSS-FWD-1424	FWD	2823750	3	3	3	RTS_R4+_866
TSS-FWD-1425	FWD	2823813		1	3	RTS_R4+_866
TSS-FWD-1426	FWD	2826984	93	93	93	RTS_R4+_867
TSS-FWD-1427	FWD	2827732	23	24	24	RTS_R4+_868
TSS-FWD-1428	FWD	2830462	2	2	2	RTS_R4+_869
TSS-FWD-1429	FWD	2835275	5	5	5	RTS_R4+_870
TSS-FWD-1430	FWD	2837449	1	1	1	RTS_R4+_871
TSS-FWD-1431	FWD	2848861	26	26	26	RTS_R4+_872
TSS-FWD-1432	FWD	2850757	1	1	1	RTS_R4+_873
TSS-FWD-1433	FWD	2852316	8	8	8	RTS_R4+_874
TSS-FWD-1434	FWD	2852323	8	8	9	RTS_R4+_874
TSS-FWD-1435	FWD	2855046	155	156	156	RTS_R4+_875
TSS-FWD-1436	FWD	2855085	37	37	37	RTS_R4+_875
TSS-FWD-1437	FWD	2855105	22	22	22	RTS_R4+_875
TSS-FWD-1438	FWD	2855132	229	230	230	RTS_R4+_875
TSS-FWD-1439	FWD	2859414		2	34	RTS_R4+_876
TSS-FWD-1440	FWD	2865777	2	2	2	RTS_R4+_877
TSS-FWD-1441	FWD	2874569	11	11	11	RTS_R4+_878
TSS-FWD-1442	FWD	2890212	61	62	62	RTS_R4+_879
TSS-FWD-1443	FWD	2902008	3	3	7	RTS_R4+_880
TSS-FWD-1444	FWD	2912910	3	3	3	RTS_R4+_881

TSS-FWD-1445	FWD	2923341	30	30	30	RTS_R4+_882
TSS-FWD-1446	FWD	2924294	191	191	224	RTS_R4+_883
TSS-FWD-1447	FWD	2926172	23	24	24	RTS_R4+_884
TSS-FWD-1448	FWD	2926178	36	37	37	RTS_R4+_884
TSS-FWD-1449	FWD	2926223	118	120	120	RTS_R4+_884
TSS-FWD-1450	FWD	2936466	6	6	6	RTS_R4+_885
TSS-FWD-1451	FWD	2936671	8	10	10	RTS_R4+_885
TSS-FWD-1452	FWD	2940718	206	208	208	RTS_R4+_886
TSS-FWD-1453	FWD	2941341	34	34	34	RTS_R4+_887
TSS-FWD-1454	FWD	2942505	32	32	34	RTS_R4+_888
TSS-FWD-1455	FWD	2945409	2280	2437	2597	RTS_R4+_890
TSS-FWD-1456	FWD	2947233	799	817	817	RTS_R4+_891
TSS-FWD-1457	FWD	2947241	198	206	206	RTS_R4+_891
TSS-FWD-1458	FWD	2967638	33	36	36	RTS_R4+_892
TSS-FWD-1459	FWD	2968416	29	29	29	RTS_R4+_893
TSS-FWD-1460	FWD	2969260	195	206	215	RTS_R4+_894
TSS-FWD-1461	FWD	2969272	165	165	187	RTS_R4+_894
TSS-FWD-1462	FWD	2969587	489	492	507	RTS_R4+_895
TSS-FWD-1463	FWD	2974591	61	61	61	RTS_R4+_896
TSS-FWD-1464	FWD	2976932	6	6	6	RTS_R4+_897
TSS-FWD-1465	FWD	2980467	18	18	18	RTS_R4+_898
TSS-FWD-1466	FWD	2983673	5	5	5	
TSS-FWD-1467	FWD	2985533	9	10	10	
TSS-FWD-1468	FWD	2988440	2	2	2	
TSS-FWD-1469	FWD	2990004	1	1	1	
TSS-FWD-1470	FWD	2991615	4	5	10	
TSS-FWD-1471	FWD	2998296	4	4	4	RTS_R4+_901
TSS-FWD-1472	FWD	3013125	3	3	4	RTS_R4+_903
TSS-FWD-1473	FWD	3023691	13	13	13	RTS_R4+_905
TSS-FWD-1474	FWD	3031063	19	20	27	RTS_R4+_906
TSS-FWD-1475	FWD	3031071	17	17	18	RTS_R4+_906
TSS-FWD-1476	FWD	3037844	99	99	99	RTS_R4+_907
TSS-FWD-1477	FWD	3039304	403	414	419	RTS_R4+_908
TSS-FWD-1478	FWD	3041661	79	79	79	RTS_R4+_909
TSS-FWD-1479	FWD	3041716	61	65	65	RTS_R4+_909
TSS-FWD-1480	FWD	3053511	80	80	80	RTS_R4+_910
TSS-FWD-1481	FWD	3053781	37	43	79	RTS_R4+_911
TSS-FWD-1482	FWD	3053790	73	73	76	RTS_R4+_911
TSS-FWD-1483	FWD	3053880	18	21	52	RTS_R4+_911
TSS-FWD-1484	FWD	3053996	196	332	444	RTS_R4+_911
TSS-FWD-1485	FWD	3054873	32	41	58	RTS_R4+_912
TSS-FWD-1486	FWD	3057743	6	6	6	RTS_R4+_913
TSS-FWD-1487	FWD	3057751	9	9	9	RTS_R4+_913
TSS-FWD-1488	FWD	3065229	48	49	49	RTS_R4+_914
TSS-FWD-1489	FWD	3079905	3	3	3	RTS_R4+_915
TSS-FWD-1490	FWD	3084589	153	256	328	RTS_R4+_916
TSS-FWD-1491	FWD	3084613	52	52	52	RTS_R4+_916
TSS-FWD-1492	FWD	3084691	123	123	123	RTS_R4+_916
TSS-FWD-1493	FWD	3084705	2486	2514	2540	RTS_R4+_916
TSS-FWD-1494	FWD	3084711	487	500	505	RTS_R4+_916
TSS-FWD-1495	FWD	3086277	148	149	149	RTS_R4+_917
TSS-FWD-1496	FWD	3089091	152	152	152	RTS_R4+_918
TSS-FWD-1497	FWD	3089097	184	188	188	RTS_R4+_918
TSS-FWD-1498	FWD	3090922	50	50	50	RTS_R4+_919
TSS-FWD-1499	FWD	3090929	84	84	84	RTS_R4+_919
TSS-FWD-1500	FWD	3093082	12	12	12	RTS_R4+_920
TSS-FWD-1501	FWD	3094639	30	30	30	RTS_R4+_921
TSS-FWD-1502	FWD	3094645	40	40	40	RTS_R4+_921
TSS-FWD-1503	FWD	3096582	5	5	5	RTS_R4+_922
TSS-FWD-1504	FWD	3101011	8	8	8	RTS_R4+_924
TSS-FWD-1505	FWD	3101024	7	7	7	RTS_R4+_924
TSS-FWD-1506	FWD	3102014	103	103	103	RTS_R4+_925
TSS-FWD-1507	FWD	3102064	268	268	268	RTS_R4+_925

TSS-FWD-1508	FWD	3103673	36	38	38	RTS_R4+_926
TSS-FWD-1509	FWD	3107546	2	2	7	RTS_R4+_927
TSS-FWD-1510	FWD	3108436		5	37	RTS_R4+_928
TSS-FWD-1511	FWD	3109328	12	12	12	RTS_R4+_929
TSS-FWD-1512	FWD	3119402	39	39	40	RTS_R4+_930
TSS-FWD-1513	FWD	3126227	25	25	28	RTS_R4+_931
TSS-FWD-1514	FWD	3128104	3	3	3	RTS_R4+_932
TSS-FWD-1515	FWD	3136722	72	72	74	RTS_R4+_933
TSS-FWD-1516	FWD	3145884	7	11	37	RTS_R4+_934
TSS-FWD-1517	FWD	3147658	55	62	70	RTS_R4+_935
TSS-FWD-1518	FWD	3150232	51	53	53	RTS_R4+_936
TSS-FWD-1519	FWD	3151551	40	40	41	RTS_R4+_937
TSS-FWD-1520	FWD	3153325	1652	1652	1653	RTS_R4+_938
TSS-FWD-1521	FWD	3153352	86	87	87	RTS_R4+_938
TSS-FWD-1522	FWD	3154594	135	135	171	RTS_R4+_939
TSS-FWD-1523	FWD	3167822	5	5	5	RTS_R4+_940
TSS-FWD-1524	FWD	3170526	178	178	178	RTS_R4+_941
TSS-FWD-1525	FWD	3171143	1263	1265	1268	RTS_R4+_942
TSS-FWD-1526	FWD	3175035			1	RTS_R4+_943
TSS-FWD-1527	FWD	3175888	82	82	86	RTS_R4+_944
TSS-FWD-1528	FWD	3176023	229	229	230	RTS_R4+_944
TSS-FWD-1529	FWD	3176097	213	214	215	RTS_R4+_944
TSS-FWD-1530	FWD	3177739	387	398	407	RTS_R4+_945
TSS-FWD-1531	FWD	3178779	19	19	19	RTS_R4+_946
TSS-FWD-1532	FWD	3178893	21	21	21	RTS_R4+_946
TSS-FWD-1533	FWD	3178902	19	19	19	RTS_R4+_946
TSS-FWD-1534	FWD	3180445	34	34	34	RTS_R4+_947
TSS-FWD-1535	FWD	3180472	15	15	21	RTS_R4+_947
TSS-FWD-1536	FWD	3182820	157	158	159	RTS_R4+_948
TSS-FWD-1537	FWD	3182835	520	520	520	RTS_R4+_948
TSS-FWD-1538	FWD	3184102			2	RTS_R4+_949
TSS-FWD-1539	FWD	3199068	21	21	21	RTS_R4+_950
TSS-FWD-1540	FWD	3199114	9	9	9	RTS_R4+_950
TSS-FWD-1541	FWD	3199202	18	18	18	RTS_R4+_950
TSS-FWD-1542	FWD	3199811	6	7	7	RTS_R4+_951
TSS-FWD-1543	FWD	3199885	8	8	9	RTS_R4+_951
TSS-FWD-1544	FWD	3199888	6	6	8	RTS_R4+_951
TSS-FWD-1545	FWD	3199920		3	7	RTS_R4+_951
TSS-FWD-1546	FWD	3202677	85	88	88	RTS_R4+_952
TSS-FWD-1547	FWD	3208669	821	821	821	RTS_R4+_953
TSS-FWD-1548	FWD	3208738	3734	3783	3784	RTS_R4+_953
TSS-FWD-1549	FWD	3208740	3409	3426	3426	RTS_R4+_953
TSS-FWD-1550	FWD	3208743	1963	1968	1970	RTS_R4+_953
TSS-FWD-1551	FWD	3208781	1149	1181	1183	RTS_R4+_953
TSS-FWD-1552	FWD	3210489	11	12	12	RTS_R4+_954
TSS-FWD-1553	FWD	3210710	171	214	227	RTS_R4+_954
TSS-FWD-1554	FWD	3210752	1007	1286	1303	RTS_R4+_954
TSS-FWD-1555	FWD	3210963	479	566	568	RTS_R4+_954
TSS-FWD-1556	FWD	3213668		1	16	RTS_R4+_955
TSS-FWD-1557	FWD	3214775	97	167	172	RTS_R4+_956
TSS-FWD-1558	FWD	3217481	2	2	14	RTS_R4+_957
TSS-FWD-1559	FWD	3219417	2	2	2	RTS_R4+_958
TSS-FWD-1560	FWD	3229646	2	4	37	RTS_R4+_959
TSS-FWD-1561	FWD	3233959	16	16	16	RTS_R4+_960
TSS-FWD-1562	FWD	3235304	127	127	129	RTS_R4+_961
TSS-FWD-1563	FWD	3236497	39	39	40	RTS_R4+_962
TSS-FWD-1564	FWD	3237885	124	129	133	RTS_R4+_963
TSS-FWD-1565	FWD	3243045		2	2	RTS_R4+_964
TSS-FWD-1566	FWD	3244646		4	8	RTS_R4+_965
TSS-FWD-1567	FWD	3244656	4	5	6	RTS_R4+_965
TSS-FWD-1568	FWD	3245573	16	20	20	RTS_R4+_966
TSS-FWD-1569	FWD	3245627	74	75	75	RTS_R4+_966
TSS-FWD-1570	FWD	3245652	49	49	49	RTS_R4+_966

TSS-FWD-1571	FWD	3245667	25	26	26	RTS_R4+_966
TSS-FWD-1572	FWD	3246991	84	84	86	RTS_R4+_967
TSS-FWD-1573	FWD	3248592	2	2	2	RTS_R4+_968
TSS-FWD-1574	FWD	3249186	9	9	9	RTS_R4+_969
TSS-FWD-1575	FWD	3250285	87	96	176	RTS_R4+_970
TSS-FWD-1576	FWD	3252319	19	19	19	RTS_R4+_971
TSS-FWD-1577	FWD	3253037	11	11	11	RTS_R4+_972
TSS-FWD-1578	FWD	3253039	9	9	9	RTS_R4+_972
TSS-FWD-1579	FWD	3267552	3	3	3	RTS_R4+_973
TSS-FWD-1580	FWD	3273229	1	5	5	RTS_R4+_974
TSS-FWD-1581	FWD	3273257	2	3	5	RTS_R4+_974
TSS-FWD-1582	FWD	3273271	1	3	3	RTS_R4+_974
TSS-FWD-1583	FWD	3274994	575	709	805	RTS_R4+_975
TSS-FWD-1584	FWD	3276888	3	3	3	
TSS-FWD-1585	FWD	3281839	9	9	9	
TSS-FWD-1586	FWD	3285425	11	11	11	
TSS-FWD-1587	FWD	3291391	94	95	95	RTS_R4+_976
TSS-FWD-1588	FWD	3293818	18	18	18	RTS_R4+_977
TSS-FWD-1589	FWD	3294399	84	84	84	RTS_R4+_978
TSS-FWD-1590	FWD	3296930	46	48	54	RTS_R4+_979
TSS-FWD-1591	FWD	3297963	12	12	14	RTS_R4+_980
TSS-FWD-1592	FWD	3299461		4	4	RTS_R4+_981
TSS-FWD-1593	FWD	3301434	175	175	176	RTS_R4+_982
TSS-FWD-1594	FWD	3301444	233	236	237	RTS_R4+_982
TSS-FWD-1595	FWD	3316582	568	587	587	RTS_R4+_983
TSS-FWD-1596	FWD	3316589	136	138	138	RTS_R4+_983
TSS-FWD-1597	FWD	3316601	272	305	305	RTS_R4+_983
TSS-FWD-1598	FWD	3316636	137	146	146	RTS_R4+_983
TSS-FWD-1599	FWD	3325781	69	69	69	RTS_R4+_984
TSS-FWD-1600	FWD	3326958	13	13	13	RTS_R4+_985
TSS-FWD-1601	FWD	3331658	596	596	596	RTS_R4+_986
TSS-FWD-1602	FWD	3331724	107	107	107	RTS_R4+_986
TSS-FWD-1603	FWD	3331736	197	197	197	RTS_R4+_986
TSS-FWD-1604	FWD	3338233	5	5	5	RTS_R4+_987
TSS-FWD-1605	FWD	3338256	5	5	7	RTS_R4+_987
TSS-FWD-1606	FWD	3340285	52	53	53	RTS_R4+_988
TSS-FWD-1607	FWD	3341327	33	33	33	RTS_R4+_989
TSS-FWD-1608	FWD	3341390	76	78	79	RTS_R4+_989
TSS-FWD-1609	FWD	3342713	18	19	20	RTS_R4+_990
TSS-FWD-1610	FWD	3344129	35	35	35	RTS_R4+_991
TSS-FWD-1611	FWD	3344137	31	32	32	RTS_R4+_991
TSS-FWD-1612	FWD	3346447	38	39	41	RTS_R4+_992
TSS-FWD-1613	FWD	3348610	84	84	91	RTS_R4+_993
TSS-FWD-1614	FWD	3352068	2	2	2	RTS_R4+_995
TSS-FWD-1615	FWD	3352533	1100	1124	1124	RTS_R4+_996
TSS-FWD-1616	FWD	3352544	699	700	700	RTS_R4+_996
TSS-FWD-1617	FWD	3352583	86	87	87	RTS_R4+_996
TSS-FWD-1618	FWD	3359153	637	637	637	RTS_R4+_997
TSS-FWD-1619	FWD	3359163	68	68	68	RTS_R4+_997
TSS-FWD-1620	FWD	3359175	104	104	104	RTS_R4+_997
TSS-FWD-1621	FWD	3360933	1	1	1	RTS_R4+_998
TSS-FWD-1622	FWD	3360973	1	1	1	RTS_R4+_998
TSS-FWD-1623	FWD	3364969	6	6	6	RTS_R4+_999
TSS-FWD-1624	FWD	3364973	5	5	5	RTS_R4+_999
TSS-FWD-1625	FWD	3378148	619	662	677	RTS_R4+_1000
TSS-FWD-1626	FWD	3378182	46	47	49	RTS_R4+_1000
TSS-FWD-1627	FWD	3378675	15	15	16	RTS_R4+_1001
TSS-FWD-1628	FWD	3378729	20	20	20	RTS_R4+_1001
TSS-FWD-1629	FWD	3380203	53	53	53	RTS_R4+_1002
TSS-FWD-1630	FWD	3382622	18	19	19	RTS_R4+_1003
TSS-FWD-1631	FWD	3382699	45	45	46	RTS_R4+_1003
TSS-FWD-1632	FWD	3383540	9	11	11	RTS_R4+_1004
TSS-FWD-1633	FWD	3386963	3	3	3	RTS_R4+_1005

TSS-FWD-1634	FWD	3387502	92	92	92	RTS_R4+_1006
TSS-FWD-1635	FWD	3390911		1	1	RTS_R4+_1007
TSS-FWD-1636	FWD	3392539	5	5	5	RTS_R4+_1008
TSS-FWD-1637	FWD	3395856	19	19	19	RTS_R4+_1009
TSS-FWD-1638	FWD	3400640		1	1	RTS_R4+_1010
TSS-FWD-1639	FWD	3401252	5	7	31	RTS_R4+_1011
TSS-FWD-1640	FWD	3401401	31	31	31	RTS_R4+_1011
TSS-FWD-1641	FWD	3401475	20	21	21	RTS_R4+_1011
TSS-FWD-1642	FWD	3402769	39	39	39	RTS_R4+_1012
TSS-FWD-1643	FWD	3402779	40	40	40	RTS_R4+_1012
TSS-FWD-1644	FWD	3403396	91	91	91	RTS_R4+_1013
TSS-FWD-1645	FWD	3403474	48	51	51	RTS_R4+_1013
TSS-FWD-1646	FWD	3405208	5	6	7	RTS_R4+_1014
TSS-FWD-1647	FWD	3405256		1	5	RTS_R4+_1014
TSS-FWD-1648	FWD	3407005	34	35	35	RTS_R4+_1015
TSS-FWD-1649	FWD	3407062	253	256	257	RTS_R4+_1015
TSS-FWD-1650	FWD	3408270	26	26	26	RTS_R4+_1016
TSS-FWD-1651	FWD	3410612	50	51	51	RTS_R4+_1017
TSS-FWD-1652	FWD	3411816	15	15	15	
TSS-FWD-1653	FWD	3416353	36	36	36	RTS_R4+_1018
TSS-FWD-1654	FWD	3417074	10	10	10	RTS_R4+_1019
TSS-FWD-1655	FWD	3427233	58	58	58	RTS_R4+_1020
TSS-FWD-1656	FWD	3431672	61	64	72	RTS_R4+_1021
TSS-FWD-1657	FWD	3431680	25	28	54	RTS_R4+_1021
TSS-FWD-1658	FWD	3435866	12	16	73	RTS_R4+_1022
TSS-FWD-1659	FWD	3436063	59	60	63	RTS_R4+_1022
TSS-FWD-1660	FWD	3453562	8	8	8	RTS_R4+_1023
TSS-FWD-1661	FWD	3453580	5	5	5	RTS_R4+_1023
TSS-FWD-1662	FWD	3475637	34	37	37	RTS_R4+_1024
TSS-FWD-1663	FWD	3476465	2	2	2	RTS_R4+_1025
TSS-FWD-1664	FWD	3479280	20	20	23	RTS_R4+_1026
TSS-FWD-1665	FWD	3482202	37	38	38	RTS_R4+_1027
TSS-FWD-1666	FWD	3483975	110	120	123	RTS_R4+_1028
TSS-FWD-1667	FWD	3483987	44	44	44	RTS_R4+_1028
TSS-FWD-1668	FWD	3483071			125	RTS_R4+_1028
TSS-FWD-1669	FWD	3484074	1160	1167	1170	RTS_R4+_1028
TSS-FWD-1670	FWD	3484120	63	63	64	RTS_R4+_1028
TSS-FWD-1671	FWD	3484132	129	129	130	RTS_R4+_1028
TSS-FWD-1672	FWD	3490542	17	17	17	RTS_R4+_1029
TSS-FWD-1673	FWD	3491922	14	14	14	RTS_R4+_1030
TSS-FWD-1674	FWD	3492009	19	34	34	RTS_R4+_1030
TSS-FWD-1675	FWD	3495774	74	74	74	RTS_R4+_1031
TSS-FWD-1676	FWD	3495828	18	20	20	RTS_R4+_1031
TSS-FWD-1677	FWD	3497436	6	6	6	RTS_R4+_1032
TSS-FWD-1678	FWD	3497478	10	10	10	RTS_R4+_1032
TSS-FWD-1679	FWD	3502047	28	28	29	RTS_R4+_1033
TSS-FWD-1680	FWD	3502055	26	27	27	RTS_R4+_1033
TSS-FWD-1681	FWD	3502099	22	22	23	RTS_R4+_1033
TSS-FWD-1682	FWD	3520848	18	19	19	RTS_R4+_1035
TSS-FWD-1683	FWD	3524344	35	35	35	RTS_R4+_1036
TSS-FWD-1684	FWD	3526662	16	16	16	RTS_R4+_1037
TSS-FWD-1685	FWD	3527132	3	73	73	RTS_R4+_1038
TSS-FWD-1686	FWD	3530701	20	20	20	RTS_R4+_1039
TSS-FWD-1687	FWD	3530813	77	83	89	RTS_R4+_1039
TSS-FWD-1688	FWD	3534487		2	10	RTS_R4+_1040
TSS-FWD-1689	FWD	3534659	11	11	11	RTS_R4+_1040
TSS-FWD-1690	FWD	3534688	9	9	9	RTS_R4+_1040
TSS-FWD-1691	FWD	3535375	242	243	243	RTS_R4+_1041
TSS-FWD-1692	FWD	3535376	269	269	269	RTS_R4+_1041
TSS-FWD-1693	FWD	3538080	23	23	24	RTS_R4+_1042
TSS-FWD-1694	FWD	3542880	3	3	3	
TSS-FWD-1695	FWD	3543480	32	36	36	RTS_R4+_1044
TSS-FWD-1696	FWD	3543618	481	481	481	RTS_R4+_1044

TSS-FWD-1697	FWD	3543630	82	82	82	RTS_R4+_1044
TSS-FWD-1698	FWD	3543655	90	96	96	RTS_R4+_1044
TSS-FWD-1699	FWD	3544427		2	2	RTS_R4+_1045
TSS-FWD-1700	FWD	3544499	6	13	13	RTS_R4+_1045
TSS-FWD-1701	FWD	3551046	504	508	511	RTS_R4+_1046
TSS-FWD-1702	FWD	3559931	11	12	13	RTS_R4+_1048
TSS-FWD-1703	FWD	3559948	11	11	11	RTS_R4+_1048
TSS-FWD-1704	FWD	3560002	10	10	10	RTS_R4+_1048
TSS-FWD-1705	FWD	3560011	12	12	12	RTS_R4+_1048
TSS-FWD-1706	FWD	3572952	16	16	16	RTS_R4+_1049
TSS-FWD-1707	FWD	3579134	6	6	6	RTS_R4+_1050
TSS-FWD-1708	FWD	3581412	3	3	3	RTS_R4+_1051
TSS-FWD-1709	FWD	3582633	34	34	34	RTS_R4+_1052
TSS-FWD-1710	FWD	3584943	126	144	213	RTS_R4+_1053
TSS-FWD-1711	FWD	3590459	27	27	34	RTS_R4+_1054
TSS-FWD-1712	FWD	3590461	31	32	33	RTS_R4+_1054
TSS-FWD-1713	FWD	3595981	73	73	73	RTS_R4+_1055
TSS-FWD-1714	FWD	3602350	25	25	25	RTS_R4+_1056
TSS-FWD-1715	FWD	3602360	25	25	27	RTS_R4+_1056
TSS-FWD-1716	FWD	3603759	38	38	38	RTS_R4+_1057
TSS-FWD-1717	FWD	3604445	25	33	34	RTS_R4+_1058
TSS-FWD-1718	FWD	3607131	7	7	7	RTS_R4+_1059
TSS-FWD-1719	FWD	3607248	11	11	11	RTS_R4+_1059
TSS-FWD-1720	FWD	3607940	91	97	101	RTS_R4+_1060
TSS-FWD-1721	FWD	3609865	11	11	11	RTS_R4+_1061
TSS-FWD-1722	FWD	3610784	11	11	11	RTS_R4+_1062
TSS-FWD-1723	FWD	3610789	9	9	9	RTS_R4+_1062
TSS-FWD-1724	FWD	3610844	8	8	8	RTS_R4+_1062
TSS-FWD-1725	FWD	3616560	57	57	57	RTS_R4+_1063
TSS-FWD-1726	FWD	3616569	39	39	39	RTS_R4+_1063
TSS-FWD-1727	FWD	3617209	3	3	3	RTS_R4+_1064
TSS-FWD-1728	FWD	3621754	4	4	4	RTS_R4+_1065
TSS-FWD-1729	FWD	3632765	40	40	40	RTS_R4+_1066
TSS-FWD-1730	FWD	3635635	30	30	30	RTS_R4+_1067
TSS-FWD-1731	FWD	3635677	29	29	29	RTS_R4+_1067
TSS-FWD-1732	FWD	3638007	323	326	326	RTS_R4+_1068
TSS-FWD-1733	FWD	3638021	199	229	232	RTS_R4+_1068
TSS-FWD-1734	FWD	3638114	243	258	264	RTS_R4+_1068
TSS-FWD-1735	FWD	3639000	8	8	8	RTS_R4+_1069
TSS-FWD-1736	FWD	3643355	135	135	135	RTS_R4+_1070
TSS-FWD-1737	FWD	3644298	58	58	58	RTS_R4+_1071
TSS-FWD-1738	FWD	3646086	15	15	15	RTS_R4+_1072
TSS-FWD-1739	FWD	3646533	2	2	2	RTS_R4+_1073
TSS-FWD-1740	FWD	3648138	5	5	5	RTS_R4+_1074
TSS-FWD-1741	FWD	3648198	6	6	6	RTS_R4+_1074
TSS-FWD-1742	FWD	3651959	1414	1415	1785	RTS_R4+_1075
TSS-FWD-1743	FWD	3654983	487	487	545	RTS_R4+_1076
TSS-FWD-1744	FWD	3654989	389	389	399	RTS_R4+_1076
TSS-FWD-1745	FWD	3655002	90	90	126	RTS_R4+_1076
TSS-FWD-1746	FWD	3655034	3	3	4	RTS_R4+_1076
TSS-FWD-1747	FWD	3655823	89	89	215	RTS_R4+_1077
TSS-FWD-1748	FWD	3656265	18	18	37	RTS_R4+_1077
TSS-FWD-1749	FWD	3656297	12	14	19	RTS_R4+_1077
TSS-FWD-1750	FWD	3656322	15	15	38	RTS_R4+_1077
TSS-FWD-1751	FWD	3656369	4	4	4	RTS_R4+_1077
TSS-FWD-1752	FWD	3656973	36	37	91	RTS_R4+_1078
TSS-FWD-1753	FWD	3657015	49	49	115	RTS_R4+_1078
TSS-FWD-1754	FWD	3657239	65	65	65	RTS_R4+_1078
TSS-FWD-1755	FWD	3662887	7	8	34	RTS_R4+_1079
TSS-FWD-1756	FWD	3664096			2	RTS_R4+_1080
TSS-FWD-1757	FWD	3667508	6	6	6	RTS_R4+_1081
TSS-FWD-1758	FWD	3667569	10	10	10	RTS_R4+_1081
TSS-FWD-1759	FWD	3667572	8	8	8	RTS_R4+_1081

TSS-FWD-1760	FWD	3668915		1	4	RTS_R4+_1082
TSS-FWD-1761	FWD	3670379	3	4	4	RTS_R4+_1083
TSS-FWD-1762	FWD	3671355	30	30	32	RTS_R4+_1084
TSS-FWD-1763	FWD	3672780	149	149	149	RTS_R4+_1085
TSS-FWD-1764	FWD	3672782	91	91	91	RTS_R4+_1085
TSS-FWD-1765	FWD	3677415	396	400	400	RTS_R4+_1086
TSS-FWD-1766	FWD	3694420	44	44	44	RTS_R4+_1087
TSS-FWD-1767	FWD	3694466	241	242	247	RTS_R4+_1087
TSS-FWD-1768	FWD	3698161			12	RTS_R4+_1088
TSS-FWD-1769	FWD	3698565	3	4	4	RTS_R4+_1089
TSS-FWD-1770	FWD	3699582	7	7	7	RTS_R4+_1090
TSS-FWD-1771	FWD	3705912	22	22	22	RTS_R4+_1091
TSS-FWD-1772	FWD	3710942	38	40	40	RTS_R4+_1092
TSS-FWD-1773	FWD	3714525	37	37	38	RTS_R4+_1093
TSS-FWD-1774	FWD	3715310	592	592	593	RTS_R4+_1094
TSS-FWD-1775	FWD	3717454	187	191	198	RTS_R4+_1095
TSS-FWD-1776	FWD	3717461	45	45	45	RTS_R4+_1095
TSS-FWD-1777	FWD	3717466	107	108	108	RTS_R4+_1095
TSS-FWD-1778	FWD	3717912	82	91	91	RTS_R4+_1096
TSS-FWD-1779	FWD	3718038	81	81	81	RTS_R4+_1096
TSS-FWD-1780	FWD	3718397	10	11	12	
TSS-FWD-1781	FWD	3723922	11	11	11	RTS_R4+_1098
TSS-FWD-1782	FWD	3729092			1	RTS_R4+_1099
TSS-FWD-1783	FWD	3732937	12	12	12	RTS_R4+_1099
TSS-FWD-1784	FWD	3735030	20	21	23	RTS_R4+_1100
TSS-FWD-1785	FWD	3735218	14	14	14	RTS_R4+_1100
TSS-FWD-1786	FWD	3737697	57	57	57	RTS_R4+_1101
TSS-FWD-1787	FWD	3740696	1	1	1	
TSS-FWD-1788	FWD	3749991	12	12	19	RTS_R4+_1102
TSS-FWD-1789	FWD	3760215	1	1	1	RTS_R4+_1103
TSS-FWD-1790	FWD	3764190	5	5	5	RTS_R4+_1104
TSS-FWD-1791	FWD	3764321	6	6	6	RTS_R4+_1104
TSS-FWD-1792	FWD	3764326	8	8	8	RTS_R4+_1104
TSS-FWD-1793	FWD	3764936	33	37	39	RTS_R4+_1105
TSS-FWD-1794	FWD	3767397	2	2	2	
TSS-FWD-1795	FWD	3770149	16	18	21	RTS_R4+_1107
TSS-FWD-1796	FWD	3770212	191	191	210	RTS_R4+_1107
TSS-FWD-1797	FWD	3772407	173	178	193	RTS_R4+_1108
TSS-FWD-1798	FWD	3772421	41	41	41	RTS_R4+_1108
TSS-FWD-1799	FWD	3772428	189	197	207	RTS_R4+_1108
TSS-FWD-1800	FWD	3772439	47	48	55	RTS_R4+_1108
TSS-FWD-1801	FWD	3774659	69	69	69	RTS_R4+_1109
TSS-FWD-1802	FWD	3775315	19	19	19	RTS_R4+_1110
TSS-FWD-1803	FWD	3779202	2	2	2	RTS_R4+_1111
TSS-FWD-1804	FWD	3783229	86	93	94	RTS_R4+_1112
TSS-FWD-1805	FWD	3783250	806	806	806	RTS_R4+_1112
TSS-FWD-1806	FWD	3783255	368	372	372	RTS_R4+_1112
TSS-FWD-1807	FWD	3783260	176	203	203	RTS_R4+_1112
TSS-FWD-1808	FWD	3784837	116	116	118	RTS_R4+_1113
TSS-FWD-1809	FWD	3784987	107	108	108	RTS_R4+_1113
TSS-FWD-1810	FWD	3785034	92	92	92	RTS_R4+_1113
TSS-FWD-1811	FWD	3786063	22	22	22	RTS_R4+_1114
TSS-FWD-1812	FWD	3791776	53	53	53	RTS_R4+_1115
TSS-FWD-1813	FWD	3791833	35	35	35	RTS_R4+_1115
TSS-FWD-1814	FWD	3791962	2253	2296	2311	RTS_R4+_1115
TSS-FWD-1815	FWD	3791993	27	27	27	RTS_R4+_1115
TSS-FWD-1816	FWD	3794947	30	30	30	RTS_R4+_1116
TSS-FWD-1817	FWD	3795078	47	47	47	RTS_R4+_1116
TSS-FWD-1818	FWD	3806539	38	38	38	RTS_R4+_1117
TSS-FWD-1819	FWD	3807344	54	54	54	RTS_R4+_1118
TSS-FWD-1820	FWD	3810724	9	9	9	RTS_R4+_1119
TSS-FWD-1821	FWD	3811780	258	258	258	RTS_R4+_1120
TSS-FWD-1822	FWD	3811866	62	62	62	RTS_R4+_1120

TSS-FWD-1823	FWD	3814671	65	65	67	RTS_R4+_1121
TSS-FWD-1824	FWD	3814680	74	74	74	RTS_R4+_1121
TSS-FWD-1825	FWD	3815738	14	14	14	
TSS-FWD-1826	FWD	3819411	1232	1232	1233	RTS_R4+_1122
TSS-FWD-1827	FWD	3819419	962	963	963	RTS_R4+_1122
TSS-FWD-1828	FWD	3819424	196	196	197	RTS_R4+_1122
TSS-FWD-1829	FWD	3819942	147	150	151	RTS_R4+_1123
TSS-FWD-1830	FWD	3819946	96	97	100	RTS_R4+_1123
TSS-FWD-1831	FWD	3820008	166	170	170	RTS_R4+_1123
TSS-FWD-1832	FWD	3820101	129	131	133	RTS_R4+_1123
TSS-FWD-1833	FWD	3820103	118	120	122	RTS_R4+_1123
TSS-FWD-1834	FWD	3826943	264	264	264	RTS_R4+_1124
TSS-FWD-1835	FWD	3826958	121	121	121	RTS_R4+_1124
TSS-FWD-1836	FWD	3828454	39	40	43	RTS_R4+_1125
TSS-FWD-1837	FWD	3834176	4	11	14	RTS_R4+_1126
TSS-FWD-1838	FWD	3836236	28	28	28	RTS_R4+_1127
TSS-FWD-1839	FWD	3838038	9	9	9	RTS_R4+_1128
TSS-FWD-1840	FWD	3841958	11	11	11	RTS_R4+_1129
TSS-FWD-1841	FWD	3841961	11	11	12	RTS_R4+_1129
TSS-FWD-1842	FWD	3842137	15	15	15	RTS_R4+_1129
TSS-FWD-1843	FWD	3842154	12	12	12	RTS_R4+_1129
TSS-FWD-1844	FWD	3851354	15	15	15	RTS_R4+_1130
TSS-FWD-1845	FWD	3854453	7	7	7	RTS_R4+_1132
TSS-FWD-1846	FWD	3858282	1	1	1	
TSS-FWD-1847	FWD	3861646	11	11	11	
TSS-FWD-1848	FWD	3865466		7	7	RTS_R4+_1134
TSS-FWD-1849	FWD	3865740	11	11	11	RTS_R4+_1134
TSS-FWD-1850	FWD	3865744	10	10	10	RTS_R4+_1134
TSS-FWD-1851	FWD	3865754	7	7	7	RTS_R4+_1134
TSS-FWD-1852	FWD	3867376	1	1	1	
TSS-FWD-1853	FWD	3873331			3	RTS_R4+_1135
TSS-FWD-1854	FWD	3873461	4	4	4	RTS_R4+_1135
TSS-FWD-1855	FWD	3882073	42	44	48	RTS_R4+_1136
TSS-FWD-1856	FWD	3882139	21	22	22	RTS_R4+_1136
TSS-FWD-1857	FWD	3882227	231	233	234	RTS_R4+_1136
TSS-FWD-1858	FWD	3882262	1211	1227	1227	RTS_R4+_1136
TSS-FWD-1859	FWD	3882331	250	250	250	RTS_R4+_1136
TSS-FWD-1860	FWD	3883077	54	54	54	RTS_R4+_1137
TSS-FWD-1861	FWD	3884796	32	33	33	RTS_R4+_1138
TSS-FWD-1862	FWD	3886434	5	5	5	RTS_R4+_1139
TSS-FWD-1863	FWD	3886568	17	17	17	
TSS-FWD-1864	FWD	3890742	8	9	9	RTS_R4+_1140
TSS-FWD-1865	FWD	3891852	28	28	28	RTS_R4+_1141
TSS-FWD-1866	FWD	3891875	187	187	188	RTS_R4+_1141
TSS-FWD-1867	FWD	3894574	8	8	8	RTS_R4+_1142
TSS-FWD-1868	FWD	3894698	5	5	5	RTS_R4+_1142
TSS-FWD-1869	FWD	3895504	5	5	5	RTS_R4+_1143
TSS-FWD-1870	FWD	3895618	3	3	3	RTS_R4+_1143
TSS-FWD-1871	FWD	3902442	2	14	14	RTS_R4+_1144
TSS-FWD-1872	FWD	3920627	19	19	19	RTS_R4+_1145
TSS-FWD-1873	FWD	3925155	210	220	221	RTS_R4+_1146
TSS-FWD-1874	FWD	3929239	20	20	20	RTS_R4+_1147
TSS-FWD-1875	FWD	3931345	208	216	223	RTS_R4+_1148
TSS-FWD-1876	FWD	3935178	67	68	71	RTS_R4+_1149
TSS-FWD-1877	FWD	3935192	44	46	68	RTS_R4+_1149
TSS-FWD-1878	FWD	3936225	13	13	13	RTS_R4+_1150
TSS-FWD-1879	FWD	3939656	12	13	14	RTS_R4+_1151
TSS-FWD-1880	FWD	3939830	55	55	55	RTS_R4+_1151
TSS-FWD-1881	FWD	3946073	7656	7756	7782	RTS_R4+_1154
TSS-FWD-1882	FWD	3946081	1017	1063	1081	RTS_R4+_1154
TSS-FWD-1883	FWD	3946093	469	485	488	RTS_R4+_1154
TSS-FWD-1884	FWD	3946474	3	3	3	RTS_R4+_1155
TSS-FWD-1885	FWD	3948313	943	982	1007	RTS_R4+_1156

TSS-FWD-1886	FWD	3948461	685	687	687	RTS_R4+_1156
TSS-FWD-1887	FWD	3955939	7251	7252	7252	RTS_R4+_1157
TSS-FWD-1888	FWD	3955960	6654	6654	6654	RTS_R4+_1157
TSS-FWD-1889	FWD	3955969	21	21	21	RTS_R4+_1157
TSS-FWD-1890	FWD	3955977	64	64	64	RTS_R4+_1157
TSS-FWD-1891	FWD	3955987	55	55	55	RTS_R4+_1157
TSS-FWD-1892	FWD	3958673	12	12	12	RTS_R4+_1158
TSS-FWD-1893	FWD	3963396	4	4	15	RTS_R4+_1159
TSS-FWD-1894	FWD	3963673	809	809	810	RTS_R4+_1160
TSS-FWD-1895	FWD	3963683	355	356	359	RTS_R4+_1160
TSS-FWD-1896	FWD	3963702	88	88	88	RTS_R4+_1160
TSS-FWD-1897	FWD	3963714	1597	1597	1597	RTS_R4+_1160
TSS-FWD-1898	FWD	3963763	1763	1763	1765	RTS_R4+_1160
TSS-FWD-1899	FWD	3964185	94	101	102	RTS_R4+_1161
TSS-FWD-1900	FWD	3964218	248	249	249	RTS_R4+_1161
TSS-FWD-1901	FWD	3964227	82	82	82	RTS_R4+_1161
TSS-FWD-1902	FWD	3964270	620	620	620	RTS_R4+_1161
TSS-FWD-1903	FWD	3965913	250	250	250	RTS_R4+_1162
TSS-FWD-1904	FWD	3965919	155	156	158	RTS_R4+_1162
TSS-FWD-1905	FWD	3966885	28	28	28	RTS_R4+_1163
TSS-FWD-1906	FWD	3966887	30	30	30	RTS_R4+_1163
TSS-FWD-1907	FWD	3967150	45	45	45	RTS_R4+_1163
TSS-FWD-1908	FWD	3967199	126	133	134	RTS_R4+_1163
TSS-FWD-1909	FWD	3968173	62	63	63	RTS_R4+_1164
TSS-FWD-1910	FWD	3968253	76	77	77	RTS_R4+_1164
TSS-FWD-1911	FWD	3978846	36	37	37	RTS_R4+_1165
TSS-FWD-1912	FWD	3980385	64	64	64	RTS_R4+_1166
TSS-FWD-1913	FWD	3980398	110	115	127	RTS_R4+_1166
TSS-FWD-1914	FWD	3980943	12	12	12	
TSS-FWD-1915	FWD	3984454	791	792	795	RTS_R4+_1167
TSS-FWD-1916	FWD	3988860	10	10	10	RTS_R4+_1168
TSS-FWD-1917	FWD	3988889	6	6	6	RTS_R4+_1168
TSS-FWD-1918	FWD	3988975	48	48	52	RTS_R4+_1169
TSS-FWD-1919	FWD	3989022	85	88	88	RTS_R4+_1169
TSS-FWD-1920	FWD	3989081	224	224	224	RTS_R4+_1169
TSS-FWD-1921	FWD	3989090	58	58	58	RTS_R4+_1169
TSS-FWD-1922	FWD	3992514	1236	1236	1238	RTS_R4+_1170
TSS-FWD-1923	FWD	3992528	63	63	63	RTS_R4+_1170
TSS-FWD-1924	FWD	3995930	44	46	46	RTS_R4+_1171
TSS-FWD-1925	FWD	3999215	121	122	123	RTS_R4+_1172
TSS-FWD-1926	FWD	3999221	105	107	107	RTS_R4+_1172
TSS-FWD-1927	FWD	3999296	100	103	103	RTS_R4+_1172
TSS-FWD-1928	FWD	3999326	125	141	141	RTS_R4+_1172
TSS-FWD-1929	FWD	4002838	16	16	16	RTS_R4+_1173
TSS-FWD-1930	FWD	4002852	12	12	12	RTS_R4+_1173
TSS-FWD-1931	FWD	4003859	89	89	89	RTS_R4+_1174
TSS-FWD-1932	FWD	4003866	52	54	54	RTS_R4+_1174
TSS-FWD-1933	FWD	4007163	8	8	8	RTS_R4+_1175
TSS-FWD-1934	FWD	4008982	7	7	7	RTS_R4+_1176
TSS-FWD-1935	FWD	4010909	4102	4103	4103	RTS_R4+_1177
TSS-FWD-1936	FWD	4010915	530	530	530	RTS_R4+_1177
TSS-FWD-1937	FWD	4010921	130	130	130	RTS_R4+_1177
TSS-FWD-1938	FWD	4010925	1868	1868	1868	RTS_R4+_1177
TSS-FWD-1939	FWD	4010930	331	331	331	RTS_R4+_1177
TSS-FWD-1940	FWD	4010939	1041	1041	1041	RTS_R4+_1177
TSS-FWD-1941	FWD	4010946	41057	41079	41079	RTS_R4+_1177
TSS-FWD-1942	FWD	4010954	258	259	259	RTS_R4+_1177
TSS-FWD-1943	FWD	4011033	5378	5387	5387	RTS_R4+_1177
TSS-FWD-1944	FWD	4011040	1438	1440	1440	RTS_R4+_1177
TSS-FWD-1945	FWD	4011050	3008	3013	3013	RTS_R4+_1177
TSS-FWD-1946	FWD	4011057	417	424	424	RTS_R4+_1177
TSS-FWD-1947	FWD	4014410	47	53	53	RTS_R4+_1178
TSS-FWD-1948	FWD	4014418	251	260	261	RTS_R4+_1178

TSS-FWD-1949	FWD	4014427	35	36	36	RTS_R4+_1178
TSS-FWD-1950	FWD	4016743	18	18	18	RTS_R4+_1179
TSS-FWD-1951	FWD	4019890	120	122	122	RTS_R4+_1180
TSS-FWD-1952	FWD	4019932	62	62	62	RTS_R4+_1180
TSS-FWD-1953	FWD	4019999	38	38	38	RTS_R4+_1180
TSS-FWD-1954	FWD	4022835	278	283	286	RTS_R4+_1181
TSS-FWD-1955	FWD	4022995	366	369	371	RTS_R4+_1181
TSS-FWD-1956	FWD	4029153	701	703	705	RTS_R4+_1182
TSS-FWD-1957	FWD	4029161	42	42	43	RTS_R4+_1182
TSS-FWD-1958	FWD	4031257	12	13	13	RTS_R4+_1183
TSS-FWD-1959	FWD	4031295	18	18	18	RTS_R4+_1183
TSS-FWD-1960	FWD	4033095	20	20	20	RTS_R4+_1184
TSS-FWD-1961	FWD	4040070	140	143	143	RTS_R4+_1185
TSS-FWD-1962	FWD	4040414	107	107	107	RTS_R4+_1186
TSS-FWD-1963	FWD	4041400	201	201	201	RTS_R4+_1187
TSS-FWD-1964	FWD	4041406	65	66	66	RTS_R4+_1187
TSS-FWD-1965	FWD	4044962	781	786	786	RTS_R4+_1188
TSS-FWD-1966	FWD	4047922	152	238	245	RTS_R4+_1189
TSS-FWD-1967	FWD	4049059	2777	2974	4204	RTS_R4+_1190
TSS-FWD-1968	FWD	4049330	245	245	245	RTS_R4+_1191
TSS-FWD-1969	FWD	4056196	154	154	154	RTS_R4+_1192
TSS-FWD-1970	FWD	4056241	478	483	483	RTS_R4+_1192
TSS-FWD-1971	FWD	4056270	20	21	21	RTS_R4+_1192
TSS-FWD-1972	FWD	4056298	62	63	63	RTS_R4+_1192
TSS-FWD-1973	FWD	4056405	493	493	493	RTS_R4+_1192
TSS-FWD-1974	FWD	4058442	11	11	11	
TSS-FWD-1975	FWD	4059011	25	25	25	
TSS-FWD-1976	FWD	4071765			2	RTS_R4+_1193
TSS-FWD-1977	FWD	4073552	24	25	26	RTS_R4+_1194
TSS-FWD-1978	FWD	4077718	24	24	24	
TSS-FWD-1979	FWD	4083961	56	56	56	RTS_R4+_1195
TSS-FWD-1980	FWD	4095703			3	
TSS-FWD-1981	FWD	4095774	2	2	2	
TSS-FWD-1982	FWD	4098782	10947	10947	10966	RTS_R4+_1196
TSS-FWD-1983	FWD	4098787	2051	2051	2053	RTS_R4+_1196
TSS-FWD-1984	FWD	4098818	186	186	186	RTS_R4+_1196
TSS-FWD-1985	FWD	4098831	245	245	246	RTS_R4+_1196
TSS-FWD-1986	FWD	4100809	15	17	20	RTS_R4+_1197
TSS-FWD-1987	FWD	4100821	15	16	16	RTS_R4+_1197
TSS-FWD-1988	FWD	4100823	12	12	12	RTS_R4+_1197
TSS-FWD-1989	FWD	4103808	14	62	74	RTS_R4+_1198
TSS-FWD-1990	FWD	4104313	450	2450	2603	RTS_R4+_1199
TSS-FWD-1991	FWD	4104353	3360	3535	3576	RTS_R4+_1199
TSS-FWD-1992	FWD	4104472	50	50	50	RTS_R4+_1199
TSS-FWD-1993	FWD	4105495	72	74	75	RTS_R4+_1200
TSS-FWD-1994	FWD	4105542	395	419	421	RTS_R4+_1200
TSS-FWD-1995	FWD	4105548	721	884	887	RTS_R4+_1200
TSS-FWD-1996	FWD	4105554	87	108	108	RTS_R4+_1200
TSS-FWD-1997	FWD	4105562	141	245	245	RTS_R4+_1200
TSS-FWD-1998	FWD	4106828	62	63	63	RTS_R4+_1201
TSS-FWD-1999	FWD	4110278	1	3	4	RTS_R4+_1203
TSS-FWD-2000	FWD	4110750	118	118	121	RTS_R4+_1204
TSS-FWD-2001	FWD	4110954	44	47	52	RTS_R4+_1204
TSS-FWD-2002	FWD	4116450	17509	17573	17581	RTS_R4+_1205
TSS-FWD-2003	FWD	4116458	882	885	885	RTS_R4+_1205
TSS-FWD-2004	FWD	4116467	9665	9745	9749	RTS_R4+_1205
TSS-FWD-2005	FWD	4116471	302	302	302	RTS_R4+_1205
TSS-FWD-2006	FWD	4116502	2839	2965	2969	RTS_R4+_1205
TSS-FWD-2007	FWD	4116519	103	105	105	RTS_R4+_1205
TSS-FWD-2008	FWD	4116526	908	914	915	RTS_R4+_1205
TSS-FWD-2009	FWD	4120392	3	3	3	RTS_R4+_1206
TSS-FWD-2010	FWD	4124936	223	224	224	RTS_R4+_1207
TSS-FWD-2011	FWD	4124969	12	50	51	RTS_R4+_1207

TSS-FWD-2012	FWD	4124975	2	6	60	RTS_R4+_1207
TSS-FWD-2013	FWD	4126658	101	108	108	RTS_R4+_1208
TSS-FWD-2014	FWD	4130573	76	82	83	RTS_R4+_1209
TSS-FWD-2015	FWD	4130610	124	137	137	RTS_R4+_1209
TSS-FWD-2016	FWD	4131813	276	489	492	RTS_R4+_1210
TSS-FWD-2017	FWD	4131817	3	22	40	RTS_R4+_1210
TSS-FWD-2018	FWD	4131823	9	34	52	RTS_R4+_1210
TSS-FWD-2019	FWD	4131834	184	195	196	RTS_R4+_1210
TSS-FWD-2020	FWD	4148383	7	7	7	RTS_R4+_1211
TSS-FWD-2021	FWD	4151359	3	3	3	RTS_R4+_1212
TSS-FWD-2022	FWD	4152908	80	80	80	RTS_R4+_1213
TSS-FWD-2023	FWD	4153001	82	84	84	RTS_R4+_1213
TSS-FWD-2024	FWD	4156479	6	6	6	RTS_R4+_1214
TSS-FWD-2025	FWD	4156517	8	8	8	RTS_R4+_1214
TSS-FWD-2026	FWD	4159102	57	59	59	RTS_R4+_1215
TSS-FWD-2027	FWD	4159117	90	94	94	RTS_R4+_1215
TSS-FWD-2028	FWD	4161428		1	1	RTS_R4+_1216
TSS-FWD-2029	FWD	4163423	9	9	12	RTS_R4+_1217
TSS-FWD-2030	FWD	4164242	5	5	5	RTS_R4+_1218
TSS-FWD-2031	FWD	4170057	63	64	64	RTS_R4+_1219
TSS-FWD-2032	FWD	4173311	48	49	49	RTS_R4+_1220
TSS-FWD-2033	FWD	4173411	918	3788	8769	RTS_R4+_1220
TSS-FWD-2034	FWD	4175236	785	795	795	RTS_R4+_1221
TSS-FWD-2035	FWD	4175269	1521	1532	1532	RTS_R4+_1221
TSS-FWD-2036	FWD	4175319	173	202	208	RTS_R4+_1221
TSS-FWD-2037	FWD	4176380	2625	2625	2625	RTS_R4+_1222
TSS-FWD-2038	FWD	4176412	684	686	687	RTS_R4+_1222
TSS-FWD-2039	FWD	4177606	32	32	32	RTS_R4+_1223
TSS-FWD-2040	FWD	4177645	4	20	38	RTS_R4+_1223
TSS-FWD-2041	FWD	4177802	10668	10674	10675	RTS_R4+_1223
TSS-FWD-2042	FWD	4177842	61	61	61	RTS_R4+_1223
TSS-FWD-2043	FWD	4177902	250	251	251	RTS_R4+_1223
TSS-FWD-2044	FWD	4177941	67	67	67	RTS_R4+_1223
TSS-FWD-2045	FWD	4179085	157	159	159	RTS_R4+_1224
TSS-FWD-2046	FWD	4179145	356	358	358	RTS_R4+_1224
TSS-FWD-2047	FWD	4179160	429	429	430	RTS_R4+_1224
TSS-FWD-2048	FWD	4179201	305	306	306	RTS_R4+_1224
TSS-FWD-2049	FWD	4187644	12	12	12	
TSS-FWD-2050	FWD	4194721	258	259	259	RTS_R4+_1225
TSS-FWD-2051	FWD	4194727	38	38	38	RTS_R4+_1225
TSS-FWD-2052	FWD	4195715	83	86	86	RTS_R4+_1226
TSS-FWD-2053	FWD	4195747	22	22	22	RTS_R4+_1226
TSS-FWD-2054	FWD	4196733	14	14	15	RTS_R4+_1227
TSS-FWD-2055	FWD	4197503	92	94	94	RTS_R4+_1228
TSS-FWD-2056	FWD	4198163	37	37	37	RTS_R4+_1229
TSS-FWD-2057	FWD	4198199	376	376	376	RTS_R4+_1229
TSS-FWD-2058	FWD	4199842	1	1	1	RTS_R4+_1230
TSS-FWD-2059	FWD	4201161	9	9	9	RTS_R4+_1231
TSS-FWD-2060	FWD	4201236	15	15	15	RTS_R4+_1231
TSS-FWD-2061	FWD	4205995	122	127	128	RTS_R4+_1232
TSS-FWD-2062	FWD	4212258	204	412	455	RTS_R4+_1233
TSS-FWD-2063	FWD	4212274	50	52	53	RTS_R4+_1233
TSS-FWD-2064	FWD	4213427	12	21	47	RTS_R4+_1234
TSS-FWD-2065	FWD	4213455	154	155	170	RTS_R4+_1234
TSS-FWD-2066	FWD	4216684	76	76	81	RTS_R4+_1235
TSS-FWD-2067	FWD	4216688	83	84	94	RTS_R4+_1235
TSS-FWD-2068	FWD	4221807	38	38	38	RTS_R4+_1236
TSS-FWD-2069	FWD	4221810	108	108	108	RTS_R4+_1236
TSS-FWD-2070	FWD	4225603	44	44	44	RTS_R4+_1237
TSS-FWD-2071	FWD	4225625	109	109	110	RTS_R4+_1237
TSS-FWD-2072	FWD	4228359	32	32	32	RTS_R4+_1238
TSS-FWD-2073	FWD	4231740	48	48	48	RTS_R4+_1239
TSS-FWD-2074	FWD	4231744	362	362	362	RTS_R4+_1239

TSS-FWD-2075	FWD	4231747	230	231	231	RTS_R4+_1239
TSS-FWD-2076	FWD	4231755	654	655	655	RTS_R4+_1239
TSS-FWD-2077	FWD	4231763	101	101	101	RTS_R4+_1239
TSS-FWD-2078	FWD	4233961	3	3	3	RTS_R4+_1240
TSS-FWD-2079	FWD	4238446	4	4	4	RTS_R4+_1241
TSS-FWD-2080	FWD	4245009	6	6	6	RTS_R4+_1242
TSS-FWD-2081	FWD	4248736	1	1	1	
TSS-FWD-2082	FWD	4250505	45	45	47	RTS_R4+_1243
TSS-FWD-2083	FWD	4254480	17	17	17	RTS_R4+_1244
TSS-FWD-2084	FWD	4254510	22	22	22	RTS_R4+_1244
TSS-FWD-2085	FWD	4255110	182	196	213	RTS_R4+_1245
TSS-FWD-2086	FWD	4257202	1	1	4	RTS_R4+_1247
TSS-FWD-2087	FWD	4258190	4	4	4	
TSS-FWD-2088	FWD	4259493	61	61	61	RTS_R4+_1248
TSS-FWD-2089	FWD	4259617	245	245	245	RTS_R4+_1248
TSS-FWD-2090	FWD	4262309	135	137	137	RTS_R4+_1249
TSS-FWD-2091	FWD	4265105	26	26	26	RTS_R4+_1250
TSS-FWD-2092	FWD	4267378	2	2	2	RTS_R4+_1251
TSS-FWD-2093	FWD	4268237	88	88	89	RTS_R4+_1252
TSS-FWD-2094	FWD	4268243	145	145	145	RTS_R4+_1252
TSS-FWD-2095	FWD	4272113	22	22	22	RTS_R4+_1253
TSS-FWD-2096	FWD	4272121	22	23	34	RTS_R4+_1253
TSS-FWD-2097	FWD	4272127	23	26	27	RTS_R4+_1253
TSS-FWD-2098	FWD	4273426	19	19	21	RTS_R4+_1254
TSS-FWD-2099	FWD	4275329	15	15	15	RTS_R4+_1255
TSS-FWD-2100	FWD	4275468	8	8	8	RTS_R4+_1255
TSS-FWD-2101	FWD	4276331	86	86	86	RTS_R4+_1256
TSS-FWD-2102	FWD	4276341	45	45	45	RTS_R4+_1256
TSS-FWD-2103	FWD	4277939	127	127	127	RTS_R4+_1257
TSS-FWD-2104	FWD	4285433	29	29	30	
TSS-FWD-2105	FWD	4285560	18	18	18	
TSS-FWD-2106	FWD	4292398	14	15	15	RTS_R4+_1258
TSS-FWD-2107	FWD	4292518	22	22	22	RTS_R4+_1258
TSS-FWD-2108	FWD	4304901		1	1	RTS_R4+_1259
TSS-FWD-2109	FWD	4311281	4	4	4	RTS_R4+_1260
TSS-FWD-2110	FWD	4311290	5	5	5	RTS_R4+_1260
TSS-FWD-2111	FWD	4311337	6	6	6	RTS_R4+_1260
TSS-FWD-2112	FWD	4311869	1	1	1	RTS_R4+_1261
TSS-FWD-2113	FWD	4325082	7	7	7	RTS_R4+_1262
TSS-FWD-2114	FWD	4325135	7	7	7	RTS_R4+_1262
TSS-FWD-2115	FWD	4327165	9	9	9	RTS_R4+_1263
TSS-FWD-2116	FWD	4328343	13	13	13	RTS_R4+_1264
TSS-FWD-2117	FWD	4328375	421	421	421	RTS_R4+_1264
TSS-FWD-2118	FWD	4328415	167	170	170	RTS_R4+_1264
TSS-FWD-2119	FWD	4328430	2	3	7	RTS_R4+_1264
TSS-FWD-2120	FWD	4339847	3	3	3	RTS_R4+_1265
TSS-FWD-2121	FWD	4339910	5	5	5	RTS_R4+_1265
TSS-FWD-2122	FWD	4349836	65	65	78	RTS_R4+_1266
TSS-FWD-2123	FWD	4359542		46	47	RTS_R4+_1267
TSS-FWD-2124	FWD	4366136	1	1	1	RTS_R4+_1268
TSS-FWD-2125	FWD	4366642	130	149	153	RTS_R4+_1269
TSS-FWD-2126	FWD	4368639	825	1394	1411	RTS_R4+_1270
TSS-FWD-2127	FWD	4368675	850	1124	1141	RTS_R4+_1270
TSS-FWD-2128	FWD	4368639	825	1394	1411	RTS_R4+_1271
TSS-FWD-2129	FWD	4368675	850	1124	1141	RTS_R4+_1271
TSS-FWD-2130	FWD	4368682	69	120	126	RTS_R4+_1271
TSS-FWD-2131	FWD	4368715	103	127	131	RTS_R4+_1271
TSS-FWD-2132	FWD	4368920	129	175	178	RTS_R4+_1271
TSS-FWD-2133	FWD	4368932	760	862	862	RTS_R4+_1271
TSS-FWD-2134	FWD	4368981	260	306	310	RTS_R4+_1271
TSS-FWD-2135	FWD	4368990	39	78	82	RTS_R4+_1271
TSS-FWD-2136	FWD	4370784	640	648	652	RTS_R4+_1272
TSS-FWD-2137	FWD	4373678	293	298	298	RTS_R4+_1273

TSS-FWD-2138	FWD	4374533	129	171	506	RTS_R4+_1275
TSS-FWD-2139	FWD	4374822	25	27	27	RTS_R4+_1276
TSS-FWD-2140	FWD	4380464	9	9	9	RTS_R4+_1277
TSS-FWD-2141	FWD	4380642	1	1	1	RTS_R4+_1277
TSS-FWD-2142	FWD	4389584	453	492	494	RTS_R4+_1278
TSS-FWD-2143	FWD	4389592	218	236	236	RTS_R4+_1278
TSS-FWD-2144	FWD	4389598	170	178	179	RTS_R4+_1278
TSS-FWD-2145	FWD	4390242	24	129	171	RTS_R4+_1279
TSS-FWD-2146	FWD	4391699	16	16	16	RTS_R4+_1280
TSS-FWD-2147	FWD	4391960	93	93	93	RTS_R4+_1280
TSS-FWD-2148	FWD	4392051	49	50	54	RTS_R4+_1280
TSS-FWD-2149	FWD	4393183	5	5	5	RTS_R4+_1281
TSS-FWD-2150	FWD	4395239	67	68	68	RTS_R4+_1282
TSS-FWD-2151	FWD	4396973	25	25	25	RTS_R4+_1283
TSS-FWD-2152	FWD	4397075	7	20	20	RTS_R4+_1283
TSS-FWD-2153	FWD	4397246	25	25	25	RTS_R4+_1283
TSS-FWD-2154	FWD	4397315	25	25	25	RTS_R4+_1283
TSS-FWD-2155	FWD	4397421	1	31	35	RTS_R4+_1283
TSS-FWD-2156	FWD	4398256	351	351	351	RTS_R4+_1284
TSS-FWD-2157	FWD	4398275	145	145	146	RTS_R4+_1284
TSS-FWD-2158	FWD	4402337	6	6	6	RTS_R4+_1285
TSS-FWD-2159	FWD	4402348	4	4	4	RTS_R4+_1285
TSS-FWD-2160	FWD	4402683	303	306	320	RTS_R4+_1286
TSS-FWD-2161	FWD	4402688	339	349	349	RTS_R4+_1286
TSS-FWD-2162	FWD	4403905	11	11	11	RTS_R4+_1287
TSS-FWD-2163	FWD	4403916	14	14	14	RTS_R4+_1287
TSS-FWD-2164	FWD	4404175	71	71	71	RTS_R4+_1288
TSS-FWD-2165	FWD	4407240	21	25	25	RTS_R4+_1289
TSS-FWD-2166	FWD	4407246	15	16	17	RTS_R4+_1289
TSS-FWD-2167	FWD	4407962	2	2	2	
TSS-FWD-2168	FWD	4409333	6	6	6	
TSS-FWD-2169	FWD	4412272	9	10	21	RTS_R4+_1290
TSS-FWD-2170	FWD	4414959	64	64	64	RTS_R4+_1291
TSS-FWD-2171	FWD	4423048	129	140	140	RTS_R4+_1292
TSS-FWD-2172	FWD	4423050	127	128	128	RTS_R4+_1292
TSS-FWD-2173	FWD	4424995	2	2	2	RTS_R4+_1293
TSS-FWD-2174	FWD	4426887	31	31	31	RTS_R4+_1294
TSS-FWD-2175	FWD	4426894	35	35	35	RTS_R4+_1294
TSS-FWD-2176	FWD	4426931	529	530	530	RTS_R4+_1294
TSS-FWD-2177	FWD	4427835	89	91	97	RTS_R4+_1295
TSS-FWD-2178	FWD	4428853	30	30	31	RTS_R4+_1296
TSS-FWD-2179	FWD	4429034	21	21	23	RTS_R4+_1296
TSS-FWD-2180	FWD	4429105	20	30	30	RTS_R4+_1296
TSS-FWD-2181	FWD	4432106	48	50	54	RTS_R4+_1297
TSS-FWD-2182	FWD	4434587	10	12	76	RTS_R4+_1298
TSS-FWD-2183	FWD	4434590	470	476	537	RTS_R4+_1298
TSS-FWD-2184	FWD	4434600	33	36	50	RTS_R4+_1298
TSS-FWD-2185	FWD	4437157	5	5	5	RTS_R4+_1299
TSS-FWD-2186	FWD	4437534	33	35	40	RTS_R4+_1300
TSS-FWD-2187	FWD	4437536	28	28	29	RTS_R4+_1300
TSS-FWD-2188	FWD	4437667	6	7	38	RTS_R4+_1300
TSS-FWD-2189	FWD	4440245	36	36	36	RTS_R4+_1301
TSS-FWD-2190	FWD	4440274	39	40	40	RTS_R4+_1301
TSS-FWD-2191	FWD	4440298	31	31	31	RTS_R4+_1301
TSS-FWD-2192	FWD	4440313	38	38	38	RTS_R4+_1301
TSS-FWD-2193	FWD	4446453	63	66	71	RTS_R4+_1302
TSS-FWD-2194	FWD	4447938			9	RTS_R4+_1303
TSS-FWD-2195	FWD	4447946			9	RTS_R4+_1303
TSS-FWD-2196	FWD	4453785	247	251	251	RTS_R4+_1304
TSS-FWD-2197	FWD	4455967	50	50	50	RTS_R4+_1305
TSS-FWD-2198	FWD	4457596	21	21	22	RTS_R4+_1306
TSS-FWD-2199	FWD	4465385	104	121	121	RTS_R4+_1307
TSS-FWD-2200	FWD	4465514	56	65	65	RTS_R4+_1307

TSS-FWD-2201	FWD	4465552	22	22	22	RTS_R4+_1307
TSS-FWD-2202	FWD	4467531	6	6	6	RTS_R4+_1308
TSS-FWD-2203	FWD	4472119	17	17	17	RTS_R4+_1309
TSS-FWD-2204	FWD	4472123	17	17	17	RTS_R4+_1309
TSS-FWD-2205	FWD	4472852	151	151	162	RTS_R4+_1310
TSS-FWD-2206	FWD	4473418	18	18	18	
TSS-FWD-2207	FWD	4475183	11	12	14	RTS_R4+_1311
TSS-FWD-2208	FWD	4476468	76	87	121	RTS_R4+_1312
TSS-FWD-2209	FWD	4484153	6	9	26	RTS_R4+_1313
TSS-FWD-2210	FWD	4492620	2	2	2	RTS_R4+_1314
TSS-FWD-2211	FWD	4494428	1	72	335	RTS_R4+_1315
TSS-FWD-2212	FWD	4494472	1	19	71	RTS_R4+_1316
TSS-FWD-2213	FWD	4496128	5	5	5	RTS_R4+_1317
TSS-FWD-2214	FWD	4501862	23	24	24	RTS_R4+_1318
TSS-FWD-2215	FWD	4501907	35	35	35	RTS_R4+_1318
TSS-FWD-2216	FWD	4505417	2	2	2	RTS_R4+_1320
TSS-FWD-2217	FWD	4506976	1	1	1	RTS_R4+_1321
TSS-FWD-2218	FWD	4516534	14	14	14	RTS_R4+_1322
TSS-FWD-2219	FWD	4518966	10	10	10	RTS_R4+_1323
TSS-FWD-2220	FWD	4524136	4	6	6	RTS_R4+_1324
TSS-FWD-2221	FWD	4525999	67	73	84	RTS_R4+_1325
TSS-FWD-2222	FWD	4532242	5	5	6	RTS_R4+_1326
TSS-FWD-2223	FWD	4534426			2	RTS_R4+_1327
TSS-FWD-2224	FWD	4538709	50	50	50	RTS_R4+_1328
TSS-FWD-2225	FWD	4540073	11	11	11	RTS_R4+_1329
TSS-FWD-2226	FWD	4541107	23	25	25	RTS_R4+_1330
TSS-FWD-2227	FWD	4542527	48	48	48	RTS_R4+_1331
TSS-FWD-2228	FWD	4544032		5	6	RTS_R4+_1332
TSS-FWD-2229	FWD	4544203	4	4	4	RTS_R4+_1332
TSS-FWD-2230	FWD	4546952	9	9	9	RTS_R4+_1333
TSS-FWD-2231	FWD	4548770	1	1	1	RTS_R4+_1334
TSS-FWD-2232	FWD	4549544	21	26	26	RTS_R4+_1335
TSS-FWD-2233	FWD	4552503	12	12	15	RTS_R4+_1336
TSS-FWD-2234	FWD	4552566	13	16	16	RTS_R4+_1336
TSS-FWD-2235	FWD	4554785	14	14	14	RTS_R4+_1337
TSS-FWD-2236	FWD	4561417	8	8	8	RTS_R4+_1339
TSS-FWD-2237	FWD	4567522	9	9	9	RTS_R4+_1340
TSS-FWD-2238	FWD	4567539	15	15	15	RTS_R4+_1340
TSS-FWD-2239	FWD	4567626	10	10	10	RTS_R4+_1340
TSS-FWD-2240	FWD	4567630	9	9	9	RTS_R4+_1340
TSS-FWD-2241	FWD	4570182	33	33	33	RTS_R4+_1342
TSS-FWD-2242	FWD	4570222	22	22	22	RTS_R4+_1342
TSS-FWD-2243	FWD	4570371	60	60	60	RTS_R4+_1342
TSS-FWD-2244	FWD	4570385	176	176	176	RTS_R4+_1342
TSS-FWD-2245	FWD	4570406	64	64	64	RTS_R4+_1342
TSS-FWD-2246	FWD	4576539	2	2	3	RTS_R4+_1343
TSS-FWD-2247	FWD	4577858		44	126	RTS_R4+_1344
TSS-FWD-2248	FWD	4584938	11	11	11	RTS_R4+_1345
TSS-FWD-2249	FWD	4584955	14	14	14	RTS_R4+_1345
TSS-FWD-2250	FWD	4589656	559	559	559	RTS_R4+_1346
TSS-FWD-2251	FWD	4594170	8	9	9	RTS_R4+_1347
TSS-FWD-2252	FWD	4603800	18	18	25	RTS_R4+_1348
TSS-FWD-2253	FWD	4605804	18	19	19	RTS_R4+_1349
TSS-FWD-2254	FWD	4609175	207	208	215	RTS_R4+_1350
TSS-FWD-2255	FWD	4609257	1195	1195	1213	RTS_R4+_1350
TSS-FWD-2256	FWD	4609269	220	220	223	RTS_R4+_1350
TSS-FWD-2257	FWD	4609356	702	705	708	RTS_R4+_1350
TSS-FWD-2258	FWD	4609391	170	170	172	RTS_R4+_1350
TSS-FWD-2259	FWD	4610406	7	8	12	RTS_R4+_1351
TSS-FWD-2260	FWD	4614203			11	RTS_R4+_1352
TSS-FWD-2261	FWD	4615133	33	33	40	RTS_R4+_1353
TSS-FWD-2262	FWD	4615243	37	37	37	RTS_R4+_1353
TSS-FWD-2263	FWD	4615251	47	47	47	RTS_R4+_1353

TSS-FWD-2264	FWD	4615300	51	51	51	RTS_R4+_1353
TSS-FWD-2265	FWD	4615316	29	33	34	RTS_R4+_1353
TSS-FWD-2266	FWD	4617590	22	23	24	RTS_R4+_1354
TSS-FWD-2267	FWD	4617600	24	27	32	RTS_R4+_1354
TSS-FWD-2268	FWD	4619764	30	31	31	RTS_R4+_1355
TSS-FWD-2269	FWD	4622879	66	66	66	RTS_R4+_1356
TSS-FWD-2270	FWD	4625326	12	12	20	RTS_R4+_1357
TSS-FWD-2271	FWD	4628705	46	47	48	RTS_R4+_1358
TSS-FWD-2272	FWD	4628733	75	75	75	RTS_R4+_1358
TSS-FWD-2273	FWD	4630721	38	39	39	RTS_R4+_1359
TSS-FWD-2274	FWD	4630727	38	38	39	RTS_R4+_1359
TSS-FWD-2275	FWD	4631778	12	12	12	RTS_R4+_1360
TSS-FWD-2276	FWD	4631788	13	13	14	RTS_R4+_1360
TSS-FWD-2277	FWD	4633345	15	15	15	RTS_R4+_1361
TSS-FWD-2278	FWD	4633366	17	17	17	RTS_R4+_1361
TSS-FWD-2279	FWD	4633418	18	18	18	RTS_R4+_1361
TSS-FWD-2280	FWD	4636134	9	9	9	RTS_R4+_1362
TSS-FWD-2281	FWD	4638666	45	45	45	RTS_R4+_1364
TSS-REV-1	REV	6482	139	139	139	RTS_R4-_1
TSS-REV-2	REV	8053	11	11	11	RTS_R4-_2
TSS-REV-3	REV	10430	10	12	12	RTS_R4-_3
TSS-REV-4	REV	17146	20	21	22	RTS_R4-_5
TSS-REV-5	REV	20599	2	2	2	RTS_R4-_6
TSS-REV-6	REV	21112	3731	3738	3738	RTS_R4-_7
TSS-REV-7	REV	21118	5628	5635	5635	RTS_R4-_7
TSS-REV-8	REV	21159	917	918	918	RTS_R4-_7
TSS-REV-9	REV	21207	7209	7210	7211	RTS_R4-_7
TSS-REV-10	REV	36281	15	15	15	RTS_R4-_8
TSS-REV-11	REV	36358	24	24	24	RTS_R4-_8
TSS-REV-12	REV	36430	20	20	20	RTS_R4-_8
TSS-REV-13	REV	36489	24	24	24	RTS_R4-_8
TSS-REV-14	REV	37942	18	18	18	RTS_R4-_9
TSS-REV-15	REV	39918	2	2	2	RTS_R4-_10
TSS-REV-16	REV	52034	246	250	303	RTS_R4-_11
TSS-REV-17	REV	52077	86	86	86	RTS_R4-_11
TSS-REV-18	REV	52084	48	48	48	RTS_R4-_11
TSS-REV-19	REV	52595	132	132	132	RTS_R4-_12
TSS-REV-20	REV	52654	62	62	62	RTS_R4-_12
TSS-REV-21	REV	55387	81	81	82	RTS_R4-_13
TSS-REV-22	REV	57156	22	22	22	RTS_R4-_14
TSS-REV-23	REV	57241	520	526	528	RTS_R4-_14
TSS-REV-24	REV	57253	133	133	141	RTS_R4-_14
TSS-REV-25	REV	63357	123	123	123	RTS_R4-_15
TSS-REV-26	REV	63468	11	11	11	RTS_R4-_15
TSS-REV-27	REV	63531	11	11	11	RTS_R4-_15
TSS-REV-28	REV	63588	3	7	7	RTS_R4-_15
TSS-REV-29	REV	65803	6	6	7	RTS_R4-_16
TSS-REV-30	REV	70077	2	2	2	RTS_R4-_17
TSS-REV-31	REV	75664	10	10	10	RTS_R4-_18
TSS-REV-32	REV	77336	16	17	17	RTS_R4-_19
TSS-REV-33	REV	83728	652	668	712	RTS_R4-_20
TSS-REV-34	REV	83735	442	452	457	RTS_R4-_20
TSS-REV-35	REV	112699	177	179	179	RTS_R4-_21
TSS-REV-36	REV	112703	260	263	263	RTS_R4-_21
TSS-REV-37	REV	112757	489	489	489	RTS_R4-_21
TSS-REV-38	REV	113322	115	115	115	RTS_R4-_22
TSS-REV-39	REV	117052	2	2	2	RTS_R4-_23
TSS-REV-40	REV	118679	102	103	104	RTS_R4-_24
TSS-REV-41	REV	121647	178	178	179	RTS_R4-_25
TSS-REV-42	REV	121676	32	32	37	RTS_R4-_25
TSS-REV-43	REV	136550	11	12	12	RTS_R4-_26
TSS-REV-44	REV	136939	19	19	19	RTS_R4-_27
TSS-REV-45	REV	136942	19	19	19	RTS_R4-_27

TSS-REV-46	REV	141254	6	6	6	RTS_R4_-_28
TSS-REV-47	REV	141263	6	6	10	RTS_R4_-_28
TSS-REV-48	REV	142694	62	62	62	RTS_R4_-_29
TSS-REV-49	REV	142703	967	969	970	RTS_R4_-_29
TSS-REV-50	REV	146751	303	306	307	RTS_R4_-_30
TSS-REV-51	REV	146754	418	422	422	RTS_R4_-_30
TSS-REV-52	REV	149617	117	119	120	RTS_R4_-_31
TSS-REV-53	REV	149630	423	427	427	RTS_R4_-_31
TSS-REV-54	REV	159154	32	32	32	RTS_R4_-_32
TSS-REV-55	REV	159166	93	93	93	RTS_R4_-_32
TSS-REV-56	REV	159171	133	134	134	RTS_R4_-_32
TSS-REV-57	REV	160651	241	247	249	RTS_R4_-_33
TSS-REV-58	REV	160657	251	257	257	RTS_R4_-_33
TSS-REV-59	REV	160760	153	158	161	RTS_R4_-_33
TSS-REV-60	REV	162053	42	42	42	RTS_R4_-_34
TSS-REV-61	REV	167416	8	8	12	RTS_R4_-_35
TSS-REV-62	REV	174907	28	28	28	RTS_R4_-_36
TSS-REV-63	REV	174992	134	134	134	RTS_R4_-_36
TSS-REV-64	REV	179181	180	180	180	RTS_R4_-_37
TSS-REV-65	REV	184122	155	159	160	RTS_R4_-_38
TSS-REV-66	REV	184124	193	199	199	RTS_R4_-_38
TSS-REV-67	REV	185972	36	36	36	RTS_R4_-_39
TSS-REV-68	REV	185976	612	612	612	RTS_R4_-_39
TSS-REV-69	REV	186073	54	54	54	RTS_R4_-_39
TSS-REV-70	REV	189532	89	90	93	RTS_R4_-_41
TSS-REV-71	REV	189545	165	165	165	RTS_R4_-_41
TSS-REV-72	REV	189553	2210	2216	2219	RTS_R4_-_41
TSS-REV-73	REV	214163	55	56	57	RTS_R4_-_42
TSS-REV-74	REV	218831	2551	2568	2568	RTS_R4_-_43
TSS-REV-75	REV	220022	59	59	59	RTS_R4_-_44
TSS-REV-76	REV	222714	292	299	299	RTS_R4_-_45
TSS-REV-77	REV	230906	5	5	5	RTS_R4_-_46
TSS-REV-78	REV	233980	47	47	47	RTS_R4_-_47
TSS-REV-79	REV	234821	73	74	74	RTS_R4_-_48
TSS-REV-80	REV	236044	29	29	29	RTS_R4_-_49
TSS-REV-81	REV	240216	2	3	4	RTS_R4_-_50
TSS-REV-82	REV	243346	69	69	91	RTS_R4_-_51
TSS-REV-83	REV	245825	13	13	13	RTS_R4_-_52
TSS-REV-84	REV	246533	98	98	102	RTS_R4_-_53
TSS-REV-85	REV	255770	153	153	153	RTS_R4_-_55
TSS-REV-86	REV	255776	1107	1107	1108	RTS_R4_-_55
TSS-REV-87	REV	255807	406	407	407	RTS_R4_-_55
TSS-REV-88	REV	259389	7	7	7	
TSS-REV-89	REV	262302	23	24	24	RTS_R4_-_56
TSS-REV-90	REV	265294	2	2	2	RTS_R4_-_57
TSS-REV-91	REV	268252	11	11	11	RTS_R4_-_58
TSS-REV-92	REV	279354	3	3	3	RTS_R4_-_61
TSS-REV-93	REV	279384	3	3	3	RTS_R4_-_61
TSS-REV-94	REV	279978	9	9	9	RTS_R4_-_62
TSS-REV-95	REV	288412	36	36	36	RTS_R4_-_63
TSS-REV-96	REV	289564	2380	2403	2403	RTS_R4_-_64
TSS-REV-97	REV	290655		1	1	RTS_R4_-_65
TSS-REV-98	REV	292170	16	16	16	
TSS-REV-99	REV	294844	982	990	991	RTS_R4_-_66
TSS-REV-100	REV	296372	10	10	10	RTS_R4_-_67
TSS-REV-101	REV	301863	5	5	5	RTS_R4_-_68
TSS-REV-102	REV	303428	10	10	10	RTS_R4_-_69
TSS-REV-103	REV	303438	9	9	9	RTS_R4_-_69
TSS-REV-104	REV	305654	2	2	2	RTS_R4_-_70
TSS-REV-105	REV	309944	64	66	68	RTS_R4_-_71
TSS-REV-106	REV	312027	3113	3113	3148	RTS_R4_-_72
TSS-REV-107	REV	312456		1	1	RTS_R4_-_73
TSS-REV-108	REV	315721	2	2	2	RTS_R4_-_74

TSS-REV-109	REV	315750	3	3	3	RTS_R4_-_74
TSS-REV-110	REV	319257	3	3	3	RTS_R4_-_75
TSS-REV-111	REV	328585	7	7	7	RTS_R4_-_76
TSS-REV-112	REV	333688	12	18	20	RTS_R4_-_77
TSS-REV-113	REV	345550	4	7	8	RTS_R4_-_78
TSS-REV-114	REV	347693	19	19	23	RTS_R4_-_79
TSS-REV-115	REV	357932	6	7	7	RTS_R4_-_80
TSS-REV-116	REV	357938	8	8	8	RTS_R4_-_80
TSS-REV-117	REV	367754	25	25	26	RTS_R4_-_81
TSS-REV-118	REV	377685	50	50	50	RTS_R4_-_82
TSS-REV-119	REV	379124		3	3	RTS_R4_-_83
TSS-REV-120	REV	380428	1	1	1	RTS_R4_-_84
TSS-REV-121	REV	383207	3	3	3	
TSS-REV-122	REV	384055	16	16	16	
TSS-REV-123	REV	388978	326	328	329	RTS_R4_-_86
TSS-REV-124	REV	392607	11	11	11	RTS_R4_-_87
TSS-REV-125	REV	392668	7	7	7	RTS_R4_-_87
TSS-REV-126	REV	395543	88	88	88	RTS_R4_-_88
TSS-REV-127	REV	395587	46	46	46	RTS_R4_-_88
TSS-REV-128	REV	398533	2	2	2	RTS_R4_-_89
TSS-REV-129	REV	400176	50	50	50	RTS_R4_-_90
TSS-REV-130	REV	402878	10	10	10	RTS_R4_-_91
TSS-REV-131	REV	402928	8	8	8	RTS_R4_-_91
TSS-REV-132	REV	404905	81	81	81	RTS_R4_-_92
TSS-REV-133	REV	404910	273	273	275	RTS_R4_-_92
TSS-REV-134	REV	407786	19	19	26	RTS_R4_-_93
TSS-REV-135	REV	409274	141	141	141	RTS_R4_-_94
TSS-REV-136	REV	411748		3	6	RTS_R4_-_95
TSS-REV-137	REV	416200	13	13	13	RTS_R4_-_96
TSS-REV-138	REV	420346	1	1	1	RTS_R4_-_97
TSS-REV-139	REV	424218	8	8	8	RTS_R4_-_98
TSS-REV-140	REV	431276	83	83	83	RTS_R4_-_99
TSS-REV-141	REV	431302	183	183	183	RTS_R4_-_99
TSS-REV-142	REV	431315	99	102	104	RTS_R4_-_99
TSS-REV-143	REV	431348	47	47	47	RTS_R4_-_99
TSS-REV-144	REV	432100	3	5	5	RTS_R4_-_100
TSS-REV-145	REV	437508	258	261	276	RTS_R4_-_101
TSS-REV-146	REV	439624	68	68	68	RTS_R4_-_102
TSS-REV-147	REV	439634	143	143	143	RTS_R4_-_102
TSS-REV-148	REV	440597	9	9	9	RTS_R4_-_103
TSS-REV-149	REV	443779	55	56	61	RTS_R4_-_104
TSS-REV-150	REV	443784	64	65	65	RTS_R4_-_104
TSS-REV-151	REV	445520	10	10	10	RTS_R4_-_105
TSS-REV-152	REV	450858	69	70	70	RTS_R4_-_106
TSS-REV-153	REV	450873	83	83	83	RTS_R4_-_106
TSS-REV-154	REV	450877	2989	2989	2993	RTS_R4_-_106
TSS-REV-155	REV	453415	50	52	52	RTS_R4_-_107
TSS-REV-156	REV	453421	155	155	155	RTS_R4_-_107
TSS-REV-157	REV	453433	2965	2978	2978	RTS_R4_-_107
TSS-REV-158	REV	464796	23	23	23	RTS_R4_-_108
TSS-REV-159	REV	466565	3	3	3	RTS_R4_-_109
TSS-REV-160	REV	466570	3	3	5	RTS_R4_-_109
TSS-REV-161	REV	474425	18	20	20	RTS_R4_-_110
TSS-REV-162	REV	475536	16	16	16	RTS_R4_-_111
TSS-REV-163	REV	477866	11	11	14	RTS_R4_-_112
TSS-REV-164	REV	478512	50	50	50	RTS_R4_-_113
TSS-REV-165	REV	480019	69	72	75	RTS_R4_-_115
TSS-REV-166	REV	484888	111	111	111	RTS_R4_-_116
TSS-REV-167	REV	484914	84	84	84	RTS_R4_-_116
TSS-REV-168	REV	484922	76	77	77	RTS_R4_-_116
TSS-REV-169	REV	484959	103	104	104	RTS_R4_-_116
TSS-REV-170	REV	485310	45	46	49	RTS_R4_-_117
TSS-REV-171	REV	490112	13	13	13	RTS_R4_-_118

TSS-REV-172	REV	490663	6	6	6	RTS_R4_-_119
TSS-REV-173	REV	502520	10	10	10	RTS_R4_-_121
TSS-REV-174	REV	502564	10	10	10	RTS_R4_-_121
TSS-REV-175	REV	503954	2	2	2	RTS_R4_-_122
TSS-REV-176	REV	504035	2	2	2	RTS_R4_-_122
TSS-REV-177	REV	504044	3	3	3	RTS_R4_-_122
TSS-REV-178	REV	506369	46	46	46	RTS_R4_-_123
TSS-REV-179	REV	506441	49	49	49	RTS_R4_-_123
TSS-REV-180	REV	506463	57	57	57	RTS_R4_-_123
TSS-REV-181	REV	507321	12	15	20	RTS_R4_-_124
TSS-REV-182	REV	510619	53	53	54	RTS_R4_-_125
TSS-REV-183	REV	510635	2737	2746	2761	RTS_R4_-_125
TSS-REV-184	REV	515049	223	243	261	RTS_R4_-_126
TSS-REV-185	REV	517529	677	708	708	RTS_R4_-_127
TSS-REV-186	REV	517578	172	172	172	RTS_R4_-_127
TSS-REV-187	REV	517583	148	148	148	RTS_R4_-_127
TSS-REV-188	REV	519021	13	13	13	RTS_R4_-_128
TSS-REV-189	REV	519157	11	11	11	RTS_R4_-_128
TSS-REV-190	REV	530470	69	70	70	RTS_R4_-_129
TSS-REV-191	REV	530477	163	164	164	RTS_R4_-_129
TSS-REV-192	REV	552365	563	563	563	RTS_R4_-_131
TSS-REV-193	REV	553683	619	619	619	RTS_R4_-_132
TSS-REV-194	REV	553687	306	306	306	RTS_R4_-_132
TSS-REV-195	REV	553713	6091	6096	6099	RTS_R4_-_132
TSS-REV-196	REV	553728	55	55	57	RTS_R4_-_132
TSS-REV-197	REV	553781	910	911	919	RTS_R4_-_132
TSS-REV-198	REV	555697			1	RTS_R4_-_133
TSS-REV-199	REV	556998	73	73	73	RTS_R4_-_134
TSS-REV-200	REV	557004	56	57	58	RTS_R4_-_134
TSS-REV-201	REV	567403	1	1	1	RTS_R4_-_136
TSS-REV-202	REV	576080	50	51	51	RTS_R4_-_138
TSS-REV-203	REV	576093	73	80	84	RTS_R4_-_138
TSS-REV-204	REV	578131	470	470	470	RTS_R4_-_139
TSS-REV-205	REV	578144	1355	1355	1355	RTS_R4_-_139
TSS-REV-206	REV	580786			1	RTS_R4_-_141
TSS-REV-207	REV	582167	2	2	2	
TSS-REV-208	REV	584873	1147	1175	1176	RTS_R4_-_142
TSS-REV-209	REV	584881	1080	1087	1087	RTS_R4_-_142
TSS-REV-210	REV	584887	115948	116712	116732	RTS_R4_-_142
TSS-REV-211	REV	590318	4	4	4	RTS_R4_-_144
TSS-REV-212	REV	590483	5	5	5	RTS_R4_-_144
TSS-REV-213	REV	592554	5	5	5	RTS_R4_-_145
TSS-REV-214	REV	592574	8	8	8	RTS_R4_-_145
TSS-REV-215	REV	594681	2	2	2	RTS_R4_-_146
TSS-REV-216	REV	596419	2	2	2	RTS_R4_-_147
TSS-REV-217	REV	603879	5	5	5	RTS_R4_-_148
TSS-REV-218	REV	604668	655	655	655	RTS_R4_-_149
TSS-REV-219	REV	604676	72	72	72	RTS_R4_-_149
TSS-REV-220	REV	605447	31	31	31	RTS_R4_-_150
TSS-REV-221	REV	606485	5	5	21	RTS_R4_-_151
TSS-REV-222	REV	607015	1	1	2	RTS_R4_-_152
TSS-REV-223	REV	611838	10	10	10	RTS_R4_-_153
TSS-REV-224	REV	621457	255	255	271	RTS_R4_-_154
TSS-REV-225	REV	623950	80	80	80	RTS_R4_-_155
TSS-REV-226	REV	631486	3	3	3	RTS_R4_-_156
TSS-REV-227	REV	632746	224	231	232	RTS_R4_-_157
TSS-REV-228	REV	637825	19	19	19	RTS_R4_-_158
TSS-REV-229	REV	641120	71	93	124	RTS_R4_-_159
TSS-REV-230	REV	641126	81	97	131	RTS_R4_-_159
TSS-REV-231	REV	643277	435	436	436	RTS_R4_-_160
TSS-REV-232	REV	643288	29	29	29	RTS_R4_-_160
TSS-REV-233	REV	643364	31	31	34	RTS_R4_-_160
TSS-REV-234	REV	644257	122	123	124	RTS_R4_-_161

TSS-REV-235	REV	657190	6	6	8	RTS_R4_-_163
TSS-REV-236	REV	659474	75	80	80	RTS_R4_-_164
TSS-REV-237	REV	659525	12	13	13	RTS_R4_-_164
TSS-REV-238	REV	661533	19	19	19	RTS_R4_-_165
TSS-REV-239	REV	661929	63	290	316	RTS_R4_-_166
TSS-REV-240	REV	663224	222	224	224	RTS_R4_-_167
TSS-REV-241	REV	663372	182	182	182	RTS_R4_-_167
TSS-REV-242	REV	664555	60	60	60	RTS_R4_-_168
TSS-REV-243	REV	664684	132	132	132	RTS_R4_-_168
TSS-REV-244	REV	668291	53	54	54	RTS_R4_-_169
TSS-REV-245	REV	668296	40	40	41	RTS_R4_-_169
TSS-REV-246	REV	668430	46	46	46	RTS_R4_-_169
TSS-REV-247	REV	670132	40	40	40	RTS_R4_-_170
TSS-REV-248	REV	674060	72	72	72	RTS_R4_-_171
TSS-REV-249	REV	674068	1008	1020	1022	RTS_R4_-_171
TSS-REV-250	REV	675831	3	3	3	RTS_R4_-_172
TSS-REV-251	REV	683662	205	205	205	RTS_R4_-_174
TSS-REV-252	REV	686066	130	145	291	RTS_R4_-_175
TSS-REV-253	REV	686081	100	117	286	RTS_R4_-_175
TSS-REV-254	REV	687035	256	256	256	RTS_R4_-_176
TSS-REV-255	REV	687066	70	70	71	RTS_R4_-_176
TSS-REV-256	REV	687077	50	50	50	RTS_R4_-_176
TSS-REV-257	REV	688559	3	3	3	RTS_R4_-_177
TSS-REV-258	REV	691100	587	595	599	RTS_R4_-_178
TSS-REV-259	REV	692652	217	217	223	RTS_R4_-_179
TSS-REV-260	REV	692659	178	188	188	RTS_R4_-_179
TSS-REV-261	REV	692692	349	352	354	RTS_R4_-_179
TSS-REV-262	REV	694214	44	45	45	RTS_R4_-_180
TSS-REV-263	REV	696016	892	1072	1526	RTS_R4_-_181
TSS-REV-264	REV	696389	8	8	8	RTS_R4_-_182
TSS-REV-265	REV	698445	557	558	558	RTS_R4_-_183
TSS-REV-266	REV	699578	41	41	41	RTS_R4_-_184
TSS-REV-267	REV	700877	129	130	132	RTS_R4_-_185
TSS-REV-268	REV	701088	40	41	42	RTS_R4_-_185
TSS-REV-269	REV	702929	116	116	119	RTS_R4_-_186
TSS-REV-270	REV	709939	1620	1626	1628	RTS_R4_-_187
TSS-REV-271	REV	709945	187	187	190	RTS_R4_-_187
TSS-REV-272	REV	709975	95	95	95	RTS_R4_-_187
TSS-REV-273	REV	710003	87	87	87	RTS_R4_-_187
TSS-REV-274	REV	710051	320	320	320	RTS_R4_-_187
TSS-REV-275	REV	710719	382	382	382	RTS_R4_-_188
TSS-REV-276	REV	710744	477	479	479	RTS_R4_-_188
TSS-REV-277	REV	710819	215	215	215	RTS_R4_-_188
TSS-REV-278	REV	712066	60	60	60	RTS_R4_-_189
TSS-REV-279	REV	717567	7	8	10	RTS_R4_-_190
TSS-REV-280	REV	721191	13	13	13	RTS_R4_-_191
TSS-REV-281	REV	721208	21	21	21	RTS_R4_-_191
TSS-REV-282	REV	741892	43	44	44	RTS_R4_-_193
TSS-REV-283	REV	747026	39	40	40	RTS_R4_-_194
TSS-REV-284	REV	752400	17	17	18	RTS_R4_-_195
TSS-REV-285	REV	752404	15	15	20	RTS_R4_-_195
TSS-REV-286	REV	753894	988	989	993	RTS_R4_-_196
TSS-REV-287	REV	753897	233	233	233	RTS_R4_-_196
TSS-REV-288	REV	753901	2223	2225	2233	RTS_R4_-_196
TSS-REV-289	REV	753904	646	647	647	RTS_R4_-_196
TSS-REV-290	REV	753919	146	146	147	RTS_R4_-_196
TSS-REV-291	REV	753923	133	133	133	RTS_R4_-_196
TSS-REV-292	REV	753995	395	395	404	RTS_R4_-_196
TSS-REV-293	REV	754018	2556	2556	2560	RTS_R4_-_196
TSS-REV-294	REV	765122	39	44	44	RTS_R4_-_197
TSS-REV-295	REV	784070	29	29	32	RTS_R4_-_198
TSS-REV-296	REV	784607	114	114	115	RTS_R4_-_199
TSS-REV-297	REV	784663	30	30	30	RTS_R4_-_199

TSS-REV-298	REV	784685	23	23	23	RTS_R4_-_199
TSS-REV-299	REV	786855	3472	3489	3515	RTS_R4_-_200
TSS-REV-300	REV	786893	4117	4161	4195	RTS_R4_-_200
TSS-REV-301	REV	786905	305	314	315	RTS_R4_-_200
TSS-REV-302	REV	788097	217	217	217	RTS_R4_-_201
TSS-REV-303	REV	788124	53	53	53	RTS_R4_-_201
TSS-REV-304	REV	791309	93	93	93	RTS_R4_-_202
TSS-REV-305	REV	793037	59	60	60	RTS_R4_-_203
TSS-REV-306	REV	793885	1	2	2	RTS_R4_-_204
TSS-REV-307	REV	797681	86	86	86	RTS_R4_-_205
TSS-REV-308	REV	806537	50	50	50	RTS_R4_-_207
TSS-REV-309	REV	806546	601	601	602	RTS_R4_-_207
TSS-REV-310	REV	807152	366	366	366	RTS_R4_-_208
TSS-REV-311	REV	808513	201	202	202	RTS_R4_-_209
TSS-REV-312	REV	815894	28	28	28	RTS_R4_-_210
TSS-REV-313	REV	823747	36	36	38	RTS_R4_-_211
TSS-REV-314	REV	828189	3	3	3	RTS_R4_-_212
TSS-REV-315	REV	828206	3	3	3	RTS_R4_-_212
TSS-REV-316	REV	829893	71	76	79	RTS_R4_-_213
TSS-REV-317	REV	837198	92	92	92	RTS_R4_-_215
TSS-REV-318	REV	837699	1	1	20	RTS_R4_-_216
TSS-REV-319	REV	837705	8	8	15	RTS_R4_-_216
TSS-REV-320	REV	839139	2	2	2	RTS_R4_-_217
TSS-REV-321	REV	844733	13	13	14	RTS_R4_-_220
TSS-REV-322	REV	847270	13	15	15	RTS_R4_-_221
TSS-REV-323	REV	847360	10	10	11	RTS_R4_-_221
TSS-REV-324	REV	848160	1387	1392	1549	RTS_R4_-_222
TSS-REV-325	REV	848167	2941	2990	5281	RTS_R4_-_222
TSS-REV-326	REV	848173	11048	11174	13391	RTS_R4_-_222
TSS-REV-327	REV	849354	17	17	17	RTS_R4_-_223
TSS-REV-328	REV	852270	817	861	1953	RTS_R4_-_225
TSS-REV-329	REV	855021	94	94	94	RTS_R4_-_226
TSS-REV-330	REV	859272	11	11	11	RTS_R4_-_227
TSS-REV-331	REV	865611	46	50	51	RTS_R4_-_228
TSS-REV-332	REV	877292	105	105	105	RTS_R4_-_229
TSS-REV-333	REV	879742	289	306	307	RTS_R4_-_230
TSS-REV-334	REV	882682	8	8	8	RTS_R4_-_231
TSS-REV-335	REV	886577	6	6	6	RTS_R4_-_232
TSS-REV-336	REV	887280	9	32	638	RTS_R4_-_233
TSS-REV-337	REV	889168	64	64	64	RTS_R4_-_234
TSS-REV-338	REV	889999	68	68	68	RTS_R4_-_235
TSS-REV-339	REV	890020	103	104	105	RTS_R4_-_235
TSS-REV-340	REV	899820	187	196	196	RTS_R4_-_236
TSS-REV-341	REV	899828	146	158	158	RTS_R4_-_236
TSS-REV-342	REV	899849	583	619	619	RTS_R4_-_236
TSS-REV-343	REV	902993	147	150	150	RTS_R4_-_237
TSS-REV-344	REV	903066	60	60	61	RTS_R4_-_237
TSS-REV-345	REV	903736	70	71	100	RTS_R4_-_238
TSS-REV-346	REV	906078	28	29	29	RTS_R4_-_239
TSS-REV-347	REV	908543	167	169	169	RTS_R4_-_240
TSS-REV-348	REV	910299	50	53	69	RTS_R4_-_241
TSS-REV-349	REV	911723	10	10	10	RTS_R4_-_242
TSS-REV-350	REV	913299	28	28	31	
TSS-REV-351	REV	914076	40	40	40	RTS_R4_-_243
TSS-REV-352	REV	914507	41	45	46	RTS_R4_-_244
TSS-REV-353	REV	914515	35	35	35	RTS_R4_-_244
TSS-REV-354	REV	915454	44	44	52	RTS_R4_-_245
TSS-REV-355	REV	918326	309	395	396	RTS_R4_-_246
TSS-REV-356	REV	921858	22	23	433	RTS_R4_-_247
TSS-REV-357	REV	921899	129	139	498	RTS_R4_-_247
TSS-REV-358	REV	925194	161	163	163	RTS_R4_-_248
TSS-REV-359	REV	925671	118	119	119	RTS_R4_-_249
TSS-REV-360	REV	925694	119	120	120	RTS_R4_-_249

TSS-REV-361	REV	925701	2024	2026	2026	RTS_R4_-_249
TSS-REV-362	REV	925730	671	672	672	RTS_R4_-_249
TSS-REV-363	REV	930221	70	70	70	RTS_R4_-_251
TSS-REV-364	REV	931301	411	415	415	RTS_R4_-_252
TSS-REV-365	REV	944837	21	21	21	RTS_R4_-_253
TSS-REV-366	REV	948821	27	27	27	RTS_R4_-_254
TSS-REV-367	REV	950378	159	170	170	RTS_R4_-_255
TSS-REV-368	REV	952802	292	293	294	RTS_R4_-_256
TSS-REV-369	REV	952864	348	349	352	RTS_R4_-_256
TSS-REV-370	REV	952967	853	856	861	RTS_R4_-_256
TSS-REV-371	REV	953715		12	12	RTS_R4_-_257
TSS-REV-372	REV	953726	9	9	12	RTS_R4_-_257
TSS-REV-373	REV	955881	62	62	62	RTS_R4_-_258
TSS-REV-374	REV	959396	4	4	4	RTS_R4_-_259
TSS-REV-375	REV	972639	4	4	5	RTS_R4_-_260
TSS-REV-376	REV	984958	247	249	249	RTS_R4_-_261
TSS-REV-377	REV	984967	421	425	427	RTS_R4_-_261
TSS-REV-378	REV	986315	36611	36649	36661	RTS_R4_-_262
TSS-REV-379	REV	988228	52	52	52	RTS_R4_-_263
TSS-REV-380	REV	988242	56	56	57	RTS_R4_-_263
TSS-REV-381	REV	988267	101	101	102	RTS_R4_-_263
TSS-REV-382	REV	989638	32	32	32	RTS_R4_-_264
TSS-REV-383	REV	996785	8	8	8	RTS_R4_-_265
TSS-REV-384	REV	1003714	7	7	7	RTS_R4_-_266
TSS-REV-385	REV	1006847	6	6	6	RTS_R4_-_267
TSS-REV-386	REV	1015720	505	512	514	RTS_R4_-_268
TSS-REV-387	REV	1017551	139	140	140	RTS_R4_-_269
TSS-REV-388	REV	1019302	1408	1423	1423	RTS_R4_-_270
TSS-REV-389	REV	1019341	1018	1033	1035	RTS_R4_-_270
TSS-REV-390	REV	1019418	34	34	34	RTS_R4_-_270
TSS-REV-391	REV	1020172	39	45	46	RTS_R4_-_271
TSS-REV-392	REV	1023560	15	15	15	RTS_R4_-_272
TSS-REV-393	REV	1023602	17	17	17	RTS_R4_-_272
TSS-REV-394	REV	1026264	149	173	181	RTS_R4_-_273
TSS-REV-395	REV	1027059	22	22	23	RTS_R4_-_274
TSS-REV-396	REV	1027961	95	388	418	RTS_R4_-_275
TSS-REV-397	REV	1027966	29	88	94	RTS_R4_-_275
TSS-REV-398	REV	1029221	74	74	74	RTS_R4_-_276
TSS-REV-399	REV	1029908	65	66	66	RTS_R4_-_277
TSS-REV-400	REV	1029915	177	178	178	RTS_R4_-_277
TSS-REV-401	REV	1030669	2887	2906	2907	RTS_R4_-_278
TSS-REV-402	REV	1030673	2915	3100	3107	RTS_R4_-_278
TSS-REV-403	REV	1030935	326	339	362	RTS_R4_-_279
TSS-REV-404	REV	1031352	1	1	1	RTS_R4_-_280
TSS-REV-405	REV	1041752	24	24	24	RTS_R4_-_281
TSS-REV-406	REV	1049923	241	241	241	RTS_R4_-_283
TSS-REV-407	REV	1057207	110	118	120	RTS_R4_-_284
TSS-REV-408	REV	1063026	176	176	179	RTS_R4_-_285
TSS-REV-409	REV	1063051	279	280	282	RTS_R4_-_285
TSS-REV-410	REV	1063056	189	189	189	RTS_R4_-_285
TSS-REV-411	REV	1066953	39	51	69	RTS_R4_-_286
TSS-REV-412	REV	1066959	44	52	53	RTS_R4_-_286
TSS-REV-413	REV	1066981	1779	1900	2025	RTS_R4_-_286
TSS-REV-414	REV	1068877			1	RTS_R4_-_287
TSS-REV-415	REV	1073288	4	4	4	RTS_R4_-_288
TSS-REV-416	REV	1078129	11	11	11	RTS_R4_-_289
TSS-REV-417	REV	1078136	11	11	11	RTS_R4_-_289
TSS-REV-418	REV	1078145	13	14	15	RTS_R4_-_289
TSS-REV-419	REV	1080499	12	12	13	RTS_R4_-_290
TSS-REV-420	REV	1084079	7	7	7	RTS_R4_-_291
TSS-REV-421	REV	1085851	8	9	9	RTS_R4_-_292
TSS-REV-422	REV	1096875	48	48	48	RTS_R4_-_294
TSS-REV-423	REV	1102550	55	56	62	RTS_R4_-_295

TSS-REV-424	REV	1102566	57	61	64	RTS_R4_-_295
TSS-REV-425	REV	1108345	32	32	32	RTS_R4_-_296
TSS-REV-426	REV	1113435	738	741	771	RTS_R4_-_297
TSS-REV-427	REV	1114756	2	2	2	RTS_R4_-_298
TSS-REV-428	REV	1115838	23	28	28	RTS_R4_-_299
TSS-REV-429	REV	1117768	69	69	69	RTS_R4_-_300
TSS-REV-430	REV	1117897	74	74	74	RTS_R4_-_300
TSS-REV-431	REV	1118294	1	1	1	RTS_R4_-_300
TSS-REV-432	REV	1119832	93	93	93	RTS_R4_-_301
TSS-REV-433	REV	1120252		109	111	RTS_R4_-_302
TSS-REV-434	REV	1120732	37	37	37	RTS_R4_-_303
TSS-REV-435	REV	1121857	60	60	60	RTS_R4_-_304
TSS-REV-436	REV	1121866	67	67	67	RTS_R4_-_304
TSS-REV-437	REV	1123304	313	314	316	RTS_R4_-_305
TSS-REV-438	REV	1129388	34	34	34	RTS_R4_-_306
TSS-REV-439	REV	1143581	102	102	103	RTS_R4_-_307
TSS-REV-440	REV	1143607	86	86	86	RTS_R4_-_307
TSS-REV-441	REV	1143903	469	470	472	RTS_R4_-_307
TSS-REV-442	REV	1144100	21	21	21	RTS_R4_-_307
TSS-REV-443	REV	1145848	119	120	121	RTS_R4_-_308
TSS-REV-444	REV	1160838	9	9	9	RTS_R4_-_310
TSS-REV-445	REV	1168006	13	13	13	RTS_R4_-_311
TSS-REV-446	REV	1169641	43	43	43	RTS_R4_-_312
TSS-REV-447	REV	1173215	56	69	71	RTS_R4_-_313
TSS-REV-448	REV	1173251	277	277	279	RTS_R4_-_313
TSS-REV-449	REV	1184883	124	124	124	RTS_R4_-_314
TSS-REV-450	REV	1187488	454	469	495	RTS_R4_-_315
TSS-REV-451	REV	1189695	63	64	64	RTS_R4_-_316
TSS-REV-452	REV	1189706	46	48	48	RTS_R4_-_316
TSS-REV-453	REV	1189714	22	31	31	RTS_R4_-_316
TSS-REV-454	REV	1193024	102	103	103	RTS_R4_-_317
TSS-REV-455	REV	1194167	28	28	28	RTS_R4_-_318
TSS-REV-456	REV	1196783	23	23	23	
TSS-REV-457	REV	1197501	48	48	48	
TSS-REV-458	REV	1200268	7	7	7	RTS_R4_-_319
TSS-REV-459	REV	1200279	6	6	6	RTS_R4_-_319
TSS-REV-460	REV	1200715	30	39	52	RTS_R4_-_320
TSS-REV-461	REV	1202147	95	96	97	RTS_R4_-_321
TSS-REV-462	REV	1202156	122	124	125	RTS_R4_-_321
TSS-REV-463	REV	1202433	54	54	66	RTS_R4_-_322
TSS-REV-464	REV	1203044	3	34	53	RTS_R4_-_323
TSS-REV-465	REV	1208076	3	3	3	RTS_R4_-_324
TSS-REV-466	REV	1212359	11	11	11	
TSS-REV-467	REV	1213336	69	73	73	RTS_R4_-_325
TSS-REV-468	REV	1214729	2	2	2	RTS_R4_-_326
TSS-REV-469	REV	1222320	161	161	161	RTS_R4_-_327
TSS-REV-470	REV	1225362	440	443	443	RTS_R4_-_328
TSS-REV-471	REV	1225656	14	14	14	RTS_R4_-_329
TSS-REV-472	REV	1226729	96	106	166	RTS_R4_-_330
TSS-REV-473	REV	1229673	3	3	3	RTS_R4_-_331
TSS-REV-474	REV	1232278	60	60	60	RTS_R4_-_332
TSS-REV-475	REV	1233988	68	68	68	RTS_R4_-_333
TSS-REV-476	REV	1236509	1	1	1	RTS_R4_-_334
TSS-REV-477	REV	1242327	67	67	67	RTS_R4_-_335
TSS-REV-478	REV	1243778	15	15	15	RTS_R4_-_336
TSS-REV-479	REV	1246645	33	33	34	RTS_R4_-_337
TSS-REV-480	REV	1250020	2	3	3	RTS_R4_-_338
TSS-REV-481	REV	1250041	4	4	4	RTS_R4_-_338
TSS-REV-482	REV	1255468	8	8	8	RTS_R4_-_339
TSS-REV-483	REV	1255538	7	7	7	RTS_R4_-_339
TSS-REV-484	REV	1257105	566	568	570	RTS_R4_-_340
TSS-REV-485	REV	1257765	139	141	141	RTS_R4_-_341
TSS-REV-486	REV	1260092	9	9	9	RTS_R4_-_342

TSS-REV-487	REV	1261082	132	132	132	RTS_R4_-_343
TSS-REV-488	REV	1262758	576	584	588	RTS_R4_-_344
TSS-REV-489	REV	1268557		4	5	RTS_R4_-_345
TSS-REV-490	REV	1271119	67	70	70	RTS_R4_-_351
TSS-REV-491	REV	1272855	436	438	438	RTS_R4_-_352
TSS-REV-492	REV	1277086	32	32	32	RTS_R4_-_353
TSS-REV-493	REV	1286462	5	6	6	RTS_R4_-_354
TSS-REV-494	REV	1286758	1515	1515	1515	RTS_R4_-_355
TSS-REV-495	REV	1288373	76	76	76	RTS_R4_-_356
TSS-REV-496	REV	1288400	107	109	109	RTS_R4_-_356
TSS-REV-497	REV	1289388	17	17	17	RTS_R4_-_357
TSS-REV-498	REV	1292153	35	97	113	RTS_R4_-_358
TSS-REV-499	REV	1292181	1186	1606	1704	RTS_R4_-_358
TSS-REV-500	REV	1297361	257	268	276	RTS_R4_-_359
TSS-REV-501	REV	1297367	851	866	874	RTS_R4_-_359
TSS-REV-502	REV	1297374	3426	3441	3446	RTS_R4_-_359
TSS-REV-503	REV	1297392	110	110	111	RTS_R4_-_359
TSS-REV-504	REV	1297440	67	67	67	RTS_R4_-_359
TSS-REV-505	REV	1297477	32	36	37	RTS_R4_-_359
TSS-REV-506	REV	1306680	34	34	34	RTS_R4_-_360
TSS-REV-507	REV	1306697	50	50	50	RTS_R4_-_360
TSS-REV-508	REV	1308374	5	5	5	RTS_R4_-_361
TSS-REV-509	REV	1308579	3	3	3	RTS_R4_-_361
TSS-REV-510	REV	1308916	1041	1047	1048	RTS_R4_-_362
TSS-REV-511	REV	1310298	65	65	65	RTS_R4_-_363
TSS-REV-512	REV	1311720	53	53	53	RTS_R4_-_364
TSS-REV-513	REV	1314116	57	58	82	RTS_R4_-_365
TSS-REV-514	REV	1317986	7	7	7	RTS_R4_-_366
TSS-REV-515	REV	1318200	7	7	7	RTS_R4_-_366
TSS-REV-516	REV	1321132	479	479	479	RTS_R4_-_367
TSS-REV-517	REV	1327190	77	77	77	RTS_R4_-_368
TSS-REV-518	REV	1328711	58	61	64	RTS_R4_-_369
TSS-REV-519	REV	1328719	104	106	107	RTS_R4_-_369
TSS-REV-520	REV	1328738	246	246	246	RTS_R4_-_369
TSS-REV-521	REV	1337214	117	117	117	RTS_R4_-_370
TSS-REV-522	REV	1341392	84	90	122	RTS_R4_-_371
TSS-REV-523	REV	1341449			31	RTS_R4_-_371
TSS-REV-524	REV	1342411	117	117	117	RTS_R4_-_372
TSS-REV-525	REV	1342663	32	32	32	RTS_R4_-_373
TSS-REV-526	REV	1344866	30	30	32	RTS_R4_-_374
TSS-REV-527	REV	1346965	116	117	117	RTS_R4_-_375
TSS-REV-528	REV	1347152	23	23	23	RTS_R4_-_375
TSS-REV-529	REV	1349112	77	77	77	RTS_R4_-_377
TSS-REV-530	REV	1349118	44	44	44	RTS_R4_-_377
TSS-REV-531	REV	1349127	152	152	152	RTS_R4_-_377
TSS-REV-532	REV	1349144	86	88	94	RTS_R4_-_377
TSS-REV-533	REV	1354010	6	6	6	RTS_R4_-_378
TSS-REV-534	REV	1354061	8	8	10	RTS_R4_-_378
TSS-REV-535	REV	1354111	9	9	9	RTS_R4_-_378
TSS-REV-536	REV	1355205	4	4	4	RTS_R4_-_379
TSS-REV-537	REV	1355443	5	5	5	RTS_R4_-_379
TSS-REV-538	REV	1355723	56	56	56	RTS_R4_-_380
TSS-REV-539	REV	1358991	59	60	102	RTS_R4_-_381
TSS-REV-540	REV	1365969	16	16	16	RTS_R4_-_382
TSS-REV-541	REV	1382013	127	129	129	RTS_R4_-_383
TSS-REV-542	REV	1386860	199	201	201	RTS_R4_-_384
TSS-REV-543	REV	1386868	2041	2061	2078	RTS_R4_-_384
TSS-REV-544	REV	1388647	144	144	153	RTS_R4_-_385
TSS-REV-545	REV	1389911	4	4	4	RTS_R4_-_386
TSS-REV-546	REV	1389918	6	6	6	RTS_R4_-_386
TSS-REV-547	REV	1393949	4	4	4	RTS_R4_-_387
TSS-REV-548	REV	1396683	625	632	668	RTS_R4_-_388
TSS-REV-549	REV	1397563	76	76	82	RTS_R4_-_389

TSS-REV-550	REV	1397576	91	92	98	RTS_R4_-_389
TSS-REV-551	REV	1398309	6	7	7	RTS_R4_-_390
TSS-REV-552	REV	1402613	4	4	4	RTS_R4_-_391
TSS-REV-553	REV	1402707	6	6	6	RTS_R4_-_391
TSS-REV-554	REV	1403829	1	7	13	RTS_R4_-_392
TSS-REV-555	REV	1405893	137	137	137	RTS_R4_-_393
TSS-REV-556	REV	1407453	3	3	5	RTS_R4_-_394
TSS-REV-557	REV	1410148	124	124	124	RTS_R4_-_395
TSS-REV-558	REV	1410184	208	208	208	RTS_R4_-_395
TSS-REV-559	REV	1415056			1	RTS_R4_-_396
TSS-REV-560	REV	1418265	121	122	124	RTS_R4_-_397
TSS-REV-561	REV	1421757	19	19	19	RTS_R4_-_398
TSS-REV-562	REV	1424997			8	RTS_R4_-_399
TSS-REV-563	REV	1426777	2	2	2	RTS_R4_-_400
TSS-REV-564	REV	1432557	8	8	8	RTS_R4_-_401
TSS-REV-565	REV	1433665	73	88	143	RTS_R4_-_402
TSS-REV-566	REV	1433735	52	52	52	RTS_R4_-_402
TSS-REV-567	REV	1438869	106	107	116	RTS_R4_-_403
TSS-REV-568	REV	1439801	19	23	55	RTS_R4_-_404
TSS-REV-569	REV	1440902	34	96	99	RTS_R4_-_405
TSS-REV-570	REV	1440913	67	183	184	RTS_R4_-_405
TSS-REV-571	REV	1440942	112	122	122	RTS_R4_-_405
TSS-REV-572	REV	1441359	4	4	4	RTS_R4_-_406
TSS-REV-573	REV	1445332	6	6	6	RTS_R4_-_407
TSS-REV-574	REV	1451735	18	18	18	RTS_R4_-_408
TSS-REV-575	REV	1480928	196	196	196	RTS_R4_-_410
TSS-REV-576	REV	1488776	113	115	115	RTS_R4_-_411
TSS-REV-577	REV	1489529	7	13	42	
TSS-REV-578	REV	1490241	13	16	17	RTS_R4_-_412
TSS-REV-579	REV	1490328		1	15	RTS_R4_-_412
TSS-REV-580	REV	1493095	36	36	40	RTS_R4_-_413
TSS-REV-581	REV	1493140	64	64	64	RTS_R4_-_413
TSS-REV-582	REV	1498495	9	9	28	RTS_R4_-_414
TSS-REV-583	REV	1504416			3	RTS_R4_-_415
TSS-REV-584	REV	1507112	10	12	12	RTS_R4_-_416
TSS-REV-585	REV	1515242	182	185	257	RTS_R4_-_417
TSS-REV-586	REV	1515272	58	82	83	RTS_R4_-_417
TSS-REV-587	REV	1516888	21	21	21	RTS_R4_-_418
TSS-REV-588	REV	1516897	29	29	29	RTS_R4_-_418
TSS-REV-589	REV	1521181	17	17	17	RTS_R4_-_419
TSS-REV-590	REV	1524030	6	6	6	RTS_R4_-_420
TSS-REV-591	REV	1531895	5	5	5	RTS_R4_-_421
TSS-REV-592	REV	1531900	5	5	5	RTS_R4_-_421
TSS-REV-593	REV	1533900	48	49	50	RTS_R4_-_422
TSS-REV-594	REV	1542127	3	3	3	RTS_R4_-_423
TSS-REV-595	REV	1545227	16	17	17	RTS_R4_-_424
TSS-REV-596	REV	1550736	11	29	38	RTS_R4_-_425
TSS-REV-597	REV	1551862	2	2	2	RTS_R4_-_426
TSS-REV-598	REV	1551892	2	2	2	RTS_R4_-_426
TSS-REV-599	REV	1553716	48	48	48	RTS_R4_-_427
TSS-REV-600	REV	1553726	35	35	35	RTS_R4_-_427
TSS-REV-601	REV	1554071	59	59	60	RTS_R4_-_428
TSS-REV-602	REV	1554479	2	2	2	RTS_R4_-_429
TSS-REV-603	REV	1561168		1	1	RTS_R4_-_430
TSS-REV-604	REV	1565236	15	15	15	RTS_R4_-_431
TSS-REV-605	REV	1565318	16	16	16	RTS_R4_-_431
TSS-REV-606	REV	1567038	4	4	37	RTS_R4_-_432
TSS-REV-607	REV	1568587	22	22	114	RTS_R4_-_433
TSS-REV-608	REV	1570097	199	199	331	RTS_R4_-_434
TSS-REV-609	REV	1584688	26	26	26	RTS_R4_-_436
TSS-REV-610	REV	1586568	9	9	9	RTS_R4_-_437
TSS-REV-611	REV	1588058	5	5	5	RTS_R4_-_438
TSS-REV-612	REV	1590504	11	13	16	RTS_R4_-_439

TSS-REV-613	REV	1596621			1	RTS_R4_-_440
TSS-REV-614	REV	1599295	10	12	13	RTS_R4_-_441
TSS-REV-615	REV	1607069	9	9	9	RTS_R4_-_442
TSS-REV-616	REV	1607122	9	9	9	RTS_R4_-_442
TSS-REV-617	REV	1610053	4	4	4	RTS_R4_-_443
TSS-REV-618	REV	1611305	17	18	18	RTS_R4_-_444
TSS-REV-619	REV	1612751	124	127	127	RTS_R4_-_445
TSS-REV-620	REV	1616924	17	17	17	RTS_R4_-_446
TSS-REV-621	REV	1619191	30	30	40	RTS_R4_-_447
TSS-REV-622	REV	1619702	1	1	4	RTS_R4_-_448
TSS-REV-623	REV	1621901	8	10	10	RTS_R4_-_449
TSS-REV-624	REV	1622540	1	1	1	RTS_R4_-_450
TSS-REV-625	REV	1625428	113	115	115	RTS_R4_-_451
TSS-REV-626	REV	1634425	2	2	2	RTS_R4_-_454
TSS-REV-627	REV	1634515	2	2	2	RTS_R4_-_454
TSS-REV-628	REV	1635851	268	269	269	RTS_R4_-_456
TSS-REV-629	REV	1635870	340	344	344	RTS_R4_-_456
TSS-REV-630	REV	1636836	1	1	1	
TSS-REV-631	REV	1638778	2	2	1	
TSS-REV-632	REV	1639516	4	4	4	RTS_R4_-_457
TSS-REV-633	REV	1642531	3	3	1	
TSS-REV-634	REV	1643925	487	520	556	RTS_R4_-_459
TSS-REV-635	REV	1644207	5	5	5	RTS_R4_-_460
TSS-REV-636	REV	1645143		13	83	RTS_R4_-_461
TSS-REV-637	REV	1653729	14	14	14	RTS_R4_-_463
TSS-REV-638	REV	1655507	24	24	25	RTS_R4_-_464
TSS-REV-639	REV	1665277	3	6	6	RTS_R4_-_465
TSS-REV-640	REV	1665281		6	6	RTS_R4_-_465
TSS-REV-641	REV	1665398	3	5	5	RTS_R4_-_465
TSS-REV-642	REV	1666625	48	49	49	RTS_R4_-_466
TSS-REV-643	REV	1667696	5	5	5	RTS_R4_-_467
TSS-REV-644	REV	1667714	8	8	8	RTS_R4_-_467
TSS-REV-645	REV	1669157	10	11	17	RTS_R4_-_468
TSS-REV-646	REV	1669894	3	5	6	RTS_R4_-_469
TSS-REV-647	REV	1671802	43	43	43	RTS_R4_-_470
TSS-REV-648	REV	1675955	127	127	127	RTS_R4_-_471
TSS-REV-649	REV	1676006	294	294	294	RTS_R4_-_471
TSS-REV-650	REV	1676021	361	361	361	RTS_R4_-_471
TSS-REV-651	REV	1676026	342	342	342	RTS_R4_-_471
TSS-REV-652	REV	1676038	1877	1877	1877	RTS_R4_-_471
TSS-REV-653	REV	1680084	4	4	5	RTS_R4_-_472
TSS-REV-654	REV	1680170	4	4	4	RTS_R4_-_472
TSS-REV-655	REV	1682812	5	5	5	RTS_R4_-_473
TSS-REV-656	REV	1686432	133	133	133	RTS_R4_-_475
TSS-REV-657	REV	1686465	2475	2478	2507	RTS_R4_-_475
TSS-REV-658	REV	1694118	2	2	2	RTS_R4_-_476
TSS-REV-659	REV	1695100	53	53	54	RTS_R4_-_477
TSS-REV-660	REV	1696092	162	166	168	RTS_R4_-_478
TSS-REV-661	REV	1696124	414	414	417	RTS_R4_-_478
TSS-REV-662	REV	1696131	126	130	132	RTS_R4_-_478
TSS-REV-663	REV	1696146	47	47	48	RTS_R4_-_478
TSS-REV-664	REV	1697265	13	15	16	RTS_R4_-_479
TSS-REV-665	REV	1702355	206	206	206	RTS_R4_-_480
TSS-REV-666	REV	1710806			3	RTS_R4_-_481
TSS-REV-667	REV	1713968	100	100	100	RTS_R4_-_482
TSS-REV-668	REV	1713997	85	86	87	RTS_R4_-_482
TSS-REV-669	REV	1715311	85	91	93	RTS_R4_-_483
TSS-REV-670	REV	1716058	36	36	36	RTS_R4_-_484
TSS-REV-671	REV	1717654	9	9	9	RTS_R4_-_486
TSS-REV-672	REV	1717806	15	15	15	RTS_R4_-_486
TSS-REV-673	REV	1718877	92	92	92	RTS_R4_-_487
TSS-REV-674	REV	1718884	73	73	74	RTS_R4_-_487
TSS-REV-675	REV	1718894	236	236	236	RTS_R4_-_487

TSS-REV-676	REV	1721100		1	1	RTS_R4_-_488
TSS-REV-677	REV	1721114			1	RTS_R4_-_488
TSS-REV-678	REV	1722703	44	44	48	RTS_R4_-_489
TSS-REV-679	REV	1723679	116	117	122	RTS_R4_-_490
TSS-REV-680	REV	1723969	29	30	37	RTS_R4_-_491
TSS-REV-681	REV	1732142	390	446	455	RTS_R4_-_492
TSS-REV-682	REV	1732160	1440	1441	1441	RTS_R4_-_492
TSS-REV-683	REV	1732184	473	474	474	RTS_R4_-_492
TSS-REV-684	REV	1732213	184	185	187	RTS_R4_-_492
TSS-REV-685	REV	1732257	220	220	220	RTS_R4_-_492
TSS-REV-686	REV	1732284	898	901	901	RTS_R4_-_492
TSS-REV-687	REV	1735360	20	20	20	RTS_R4_-_493
TSS-REV-688	REV	1735601	3762	3809	3937	RTS_R4_-_494
TSS-REV-689	REV	1735607	1027	1031	1033	RTS_R4_-_494
TSS-REV-690	REV	1735639	521	524	529	RTS_R4_-_494
TSS-REV-691	REV	1737837		2	3	RTS_R4_-_495
TSS-REV-692	REV	1737851	2	2	2	RTS_R4_-_495
TSS-REV-693	REV	1741299	256	267	269	RTS_R4_-_496
TSS-REV-694	REV	1744226	1	9	9	RTS_R4_-_497
TSS-REV-695	REV	1752725	5	5	5	RTS_R4_-_498
TSS-REV-696	REV	1753189	94	97	125	RTS_R4_-_499
TSS-REV-697	REV	1755409	12	12	12	RTS_R4_-_500
TSS-REV-698	REV	1756883	260	260	295	RTS_R4_-_501
TSS-REV-699	REV	1762442	207	207	208	RTS_R4_-_502
TSS-REV-700	REV	1762523	66	68	71	RTS_R4_-_502
TSS-REV-701	REV	1763170	699	699	699	RTS_R4_-_504
TSS-REV-702	REV	1766940	9	9	9	RTS_R4_-_505
TSS-REV-703	REV	1777365	28	29	30	RTS_R4_-_506
TSS-REV-704	REV	1785185	80	80	81	RTS_R4_-_507
TSS-REV-705	REV	1789278	311	311	313	RTS_R4_-_508
TSS-REV-706	REV	1790123	87	87	87	RTS_R4_-_509
TSS-REV-707	REV	1790180	157	157	159	RTS_R4_-_509
TSS-REV-708	REV	1790215	143	145	145	RTS_R4_-_509
TSS-REV-709	REV	1790784	116	118	120	RTS_R4_-_510
TSS-REV-710	REV	1792219	113	113	113	RTS_R4_-_511
TSS-REV-711	REV	1793201	8	8	8	RTS_R4_-_512
TSS-REV-712	REV	1793744	84	84	100	RTS_R4_-_513
TSS-REV-713	REV	1793791	81	83	99	RTS_R4_-_513
TSS-REV-714	REV	1797159	1891	1922	1923	RTS_R4_-_514
TSS-REV-715	REV	1797217	179	179	179	RTS_R4_-_514
TSS-REV-716	REV	1797274	317	335	338	RTS_R4_-_514
TSS-REV-717	REV	1797327	1	1	41	RTS_R4_-_514
TSS-REV-718	REV	1797807	182	192	192	RTS_R4_-_515
TSS-REV-719	REV	1798126	774	789	790	RTS_R4_-_516
TSS-REV-720	REV	1798135	958	963	963	RTS_R4_-_516
TSS-REV-721	REV	1798300	217	217	217	RTS_R4_-_516
TSS-REV-722	REV	1798314	193	193	193	RTS_R4_-_516
TSS-REV-723	REV	1798355	3029	3078	3093	RTS_R4_-_516
TSS-REV-724	REV	1798394	809	815	817	RTS_R4_-_516
TSS-REV-725	REV	1798841	37	38	38	RTS_R4_-_517
TSS-REV-726	REV	1800756	268	268	268	RTS_R4_-_518
TSS-REV-727	REV	1804192	4	5	6	RTS_R4_-_519
TSS-REV-728	REV	1807286	10	11	26	RTS_R4_-_520
TSS-REV-729	REV	1807374	140	141	141	RTS_R4_-_520
TSS-REV-730	REV	1811716	27	27	28	RTS_R4_-_521
TSS-REV-731	REV	1815394	7	7	7	RTS_R4_-_522
TSS-REV-732	REV	1819667	9	9	9	RTS_R4_-_523
TSS-REV-733	REV	1819750	11	11	11	RTS_R4_-_523
TSS-REV-734	REV	1820301	370	377	390	RTS_R4_-_524
TSS-REV-735	REV	1820307	1607	2020	2301	RTS_R4_-_524
TSS-REV-736	REV	1823147	10	16	359	RTS_R4_-_525
TSS-REV-737	REV	1823713	13	15	21	RTS_R4_-_526
TSS-REV-738	REV	1823756	20	20	20	RTS_R4_-_526

TSS-REV-739	REV	1830028	9	9	52	RTS_R4_-_527
TSS-REV-740	REV	1832126	4	4	4	RTS_R4_-_528
TSS-REV-741	REV	1839469		3	3	RTS_R4_-_529
TSS-REV-742	REV	1840186	12	12	12	RTS_R4_-_530
TSS-REV-743	REV	1842041	27	27	27	RTS_R4_-_531
TSS-REV-744	REV	1846054	296	302	303	RTS_R4_-_532
TSS-REV-745	REV	1846726	199	199	199	RTS_R4_-_533
TSS-REV-746	REV	1852910	39	39	41	RTS_R4_-_534
TSS-REV-747	REV	1860488	171	172	177	RTS_R4_-_535
TSS-REV-748	REV	1863677	52	52	53	RTS_R4_-_536
TSS-REV-749	REV	1864528	175	182	182	RTS_R4_-_537
TSS-REV-750	REV	1873622	47	49	49	RTS_R4_-_538
TSS-REV-751	REV	1873636	41	43	43	RTS_R4_-_538
TSS-REV-752	REV	1875579	32	32	32	RTS_R4_-_539
TSS-REV-753	REV	1875669	24	24	24	RTS_R4_-_539
TSS-REV-754	REV	1877294	47	48	52	RTS_R4_-_540
TSS-REV-755	REV	1877321	872	878	992	RTS_R4_-_540
TSS-REV-756	REV	1879872	10	12	13	RTS_R4_-_543
TSS-REV-757	REV	1886087	38	38	38	RTS_R4_-_544
TSS-REV-758	REV	1886158	1	3	126	
TSS-REV-759	REV	1887831	1	1	102	RTS_R4_-_545
TSS-REV-760	REV	1889319	220	220	221	RTS_R4_-_547
TSS-REV-761	REV	1891279	2	2	2	RTS_R4_-_548
TSS-REV-762	REV	1892777	42	42	42	RTS_R4_-_549
TSS-REV-763	REV	1893573	6	6	6	RTS_R4_-_550
TSS-REV-764	REV	1896478	3	5	5	RTS_R4_-_551
TSS-REV-765	REV	1899796	20	21	22	RTS_R4_-_552
TSS-REV-766	REV	1905108	34	34	34	RTS_R4_-_553
TSS-REV-767	REV	1905623	100	100	103	RTS_R4_-_554
TSS-REV-768	REV	1905642	1575	1575	1590	RTS_R4_-_554
TSS-REV-769	REV	1906816	57	65	65	RTS_R4_-_555
TSS-REV-770	REV	1908154	481	484	487	RTS_R4_-_556
TSS-REV-771	REV	1908162	253	255	256	RTS_R4_-_556
TSS-REV-772	REV	1910628	57	188	191	RTS_R4_-_557
TSS-REV-773	REV	1910642	383	999	1010	RTS_R4_-_557
TSS-REV-774	REV	1913679	134	138	139	RTS_R4_-_558
TSS-REV-775	REV	1914138	82	84	84	RTS_R4_-_559
TSS-REV-776	REV	1914188	67	67	67	RTS_R4_-_559
TSS-REV-777	REV	1923017	74	74	74	RTS_R4_-_562
TSS-REV-778	REV	1923331	9	9	9	RTS_R4_-_563
TSS-REV-779	REV	1926889	24	24	24	RTS_R4_-_564
TSS-REV-780	REV	1927758	23	26	26	RTS_R4_-_565
TSS-REV-781	REV	1928440	401	401	411	RTS_R4_-_566
TSS-REV-782	REV	1928790	61	61	62	RTS_R4_-_567
TSS-REV-783	REV	1930807	38	51	55	RTS_R4_-_568
TSS-REV-784	REV	1930823	45	51	51	RTS_R4_-_568
TSS-REV-785	REV	1931066	9	9	9	RTS_R4_-_568
TSS-REV-786	REV	1932737	14	14	14	RTS_R4_-_569
TSS-REV-787	REV	1934383	270	270	270	RTS_R4_-_570
TSS-REV-788	REV	1934391	674	677	677	RTS_R4_-_570
TSS-REV-789	REV	1934398	204	207	207	RTS_R4_-_570
TSS-REV-790	REV	1934491	84	84	85	RTS_R4_-_570
TSS-REV-791	REV	1938245	92	93	93	RTS_R4_-_571
TSS-REV-792	REV	1938252	128	131	131	RTS_R4_-_571
TSS-REV-793	REV	1940621	303	303	306	RTS_R4_-_572
TSS-REV-794	REV	1940637	300	300	303	RTS_R4_-_572
TSS-REV-795	REV	1944032	62	62	62	RTS_R4_-_573
TSS-REV-796	REV	1944149	19	29	84	RTS_R4_-_573
TSS-REV-797	REV	1948641	1043	1046	1047	RTS_R4_-_575
TSS-REV-798	REV	1957896	51	51	51	RTS_R4_-_577
TSS-REV-799	REV	1970739	171	171	171	RTS_R4_-_578
TSS-REV-800	REV	1975324	500	511	511	RTS_R4_-_579
TSS-REV-801	REV	1976303	9	9	9	RTS_R4_-_580

TSS-REV-802	REV	1976309	14	14	14	RTS_R4_-_580
TSS-REV-803	REV	1979674	120	122	125	RTS_R4_-_582
TSS-REV-804	REV	1980464	91	93	118	RTS_R4_-_583
TSS-REV-805	REV	1985809	98	98	98	RTS_R4_-_586
TSS-REV-806	REV	1986026	667	667	667	RTS_R4_-_587
TSS-REV-807	REV	1987525		2	33	RTS_R4_-_588
TSS-REV-808	REV	1989673	57	57	58	RTS_R4_-_589
TSS-REV-809	REV	1990141	55	65	83	RTS_R4_-_590
TSS-REV-810	REV	1990874	399	401	403	RTS_R4_-_591
TSS-REV-811	REV	1993427	33	36	38	RTS_R4_-_592
TSS-REV-812	REV	1993595	27	27	27	RTS_R4_-_592
TSS-REV-813	REV	1994917	7	7	7	RTS_R4_-_593
TSS-REV-814	REV	1994934	8	9	9	RTS_R4_-_593
TSS-REV-815	REV	1996664	11	11	11	RTS_R4_-_594
TSS-REV-816	REV	1997532	165	167	181	RTS_R4_-_595
TSS-REV-817	REV	1998422	60	61	62	RTS_R4_-_596
TSS-REV-818	REV	1998434	521	521	523	RTS_R4_-_596
TSS-REV-819	REV	1998492	385	391	396	RTS_R4_-_596
TSS-REV-820	REV	1999843	126	126	126	RTS_R4_-_597
TSS-REV-821	REV	2001653	132	133	133	RTS_R4_-_598
TSS-REV-822	REV	2001699	945	951	951	RTS_R4_-_598
TSS-REV-823	REV	2006138	116	117	121	RTS_R4_-_599
TSS-REV-824	REV	2022868	16	16	16	RTS_R4_-_600
TSS-REV-825	REV	2026237		1	9	RTS_R4_-_602
TSS-REV-826	REV	2027413	34	34	34	RTS_R4_-_603
TSS-REV-827	REV	2030365	20	20	20	RTS_R4_-_604
TSS-REV-828	REV	2031465	38	38	38	RTS_R4_-_605
TSS-REV-829	REV	2031494	49	49	49	RTS_R4_-_605
TSS-REV-830	REV	2036840	36	37	37	RTS_R4_-_606
TSS-REV-831	REV	2039280	7	7	8	RTS_R4_-_607
TSS-REV-832	REV	2041581	500	1601	2989	RTS_R4_-_608
TSS-REV-833	REV	2051659		6	6	RTS_R4_-_609
TSS-REV-834	REV	2056126	306	756	1210	RTS_R4_-_610
TSS-REV-835	REV	2057871		1	1	RTS_R4_-_611
TSS-REV-836	REV	2058964	48	48	48	RTS_R4_-_612
TSS-REV-837	REV	2060074	9	9	9	RTS_R4_-_613
TSS-REV-838	REV	2061377	11	17	33	RTS_R4_-_614
TSS-REV-839	REV	2064019	4	4	4	RTS_R4_-_615
TSS-REV-840	REV	2064031	6	6	6	RTS_R4_-_615
TSS-REV-841	REV	2065503	6	6	6	RTS_R4_-_617
TSS-REV-842	REV	2066314	138	141	143	RTS_R4_-_618
TSS-REV-843	REV	2066507	12	47	52	RTS_R4_-_618
TSS-REV-844	REV	2068377	1	1	1	RTS_R4_-_619
TSS-REV-845	REV	2072764	16	16	16	RTS_R4_-_620
TSS-REV-846	REV	2076010	2	4	4	RTS_R4_-_621
TSS-REV-847	REV	2077410	1333	1345	1346	RTS_R4_-_622
TSS-REV-848	REV	2077416	771	776	777	RTS_R4_-_622
TSS-REV-849	REV	2077428	248	256	256	RTS_R4_-_622
TSS-REV-850	REV	2077440	1532	1572	1574	RTS_R4_-_622
TSS-REV-851	REV	2077492	199	199	199	RTS_R4_-_622
TSS-REV-852	REV	2077541	131	132	132	RTS_R4_-_622
TSS-REV-853	REV	2079301	4	6	12	RTS_R4_-_623
TSS-REV-854	REV	2079343	12	12	12	RTS_R4_-_623
TSS-REV-855	REV	2079350	13	13	16	RTS_R4_-_623
TSS-REV-856	REV	2083525	18	18	18	RTS_R4_-_625
TSS-REV-857	REV	2083552	23	24	24	RTS_R4_-_625
TSS-REV-858	REV	2083576	24	24	24	RTS_R4_-_625
TSS-REV-859	REV	2085346	38	39	42	RTS_R4_-_626
TSS-REV-860	REV	2087176	46	47	51	RTS_R4_-_627
TSS-REV-861	REV	2087755	128	135	138	RTS_R4_-_628
TSS-REV-862	REV	2096336	54	54	54	RTS_R4_-_629
TSS-REV-863	REV	2096346	79	79	79	RTS_R4_-_629
TSS-REV-864	REV	2096355	176	176	176	RTS_R4_-_629

TSS-REV-865	REV	2097696	5	5	5	RTS_R4_-_630
TSS-REV-866	REV	2099348	456	462	462	RTS_R4_-_631
TSS-REV-867	REV	2099381	141	141	141	RTS_R4_-_631
TSS-REV-868	REV	2100996	12	12	12	RTS_R4_-_633
TSS-REV-869	REV	2101009	8	8	8	RTS_R4_-_633
TSS-REV-870	REV	2103361	34	34	34	RTS_R4_-_634
TSS-REV-871	REV	2106453	625	625	625	RTS_R4_-_635
TSS-REV-872	REV	2106482	600	600	600	RTS_R4_-_635
TSS-REV-873	REV	2106493	688	688	688	RTS_R4_-_635
TSS-REV-874	REV	2106518	892	893	893	RTS_R4_-_635
TSS-REV-875	REV	2107775	6	6	6	RTS_R4_-_636
TSS-REV-876	REV	2107921	9	9	9	RTS_R4_-_636
TSS-REV-877	REV	2107951	8	8	8	RTS_R4_-_636
TSS-REV-878	REV	2109097	2918	2922	2927	RTS_R4_-_637
TSS-REV-879	REV	2109105	103	103	103	RTS_R4_-_637
TSS-REV-880	REV	2109125	706	706	706	RTS_R4_-_637
TSS-REV-881	REV	2111256	82	82	82	RTS_R4_-_638
TSS-REV-882	REV	2112375	109	109	109	RTS_R4_-_639
TSS-REV-883	REV	2112440	236	236	237	RTS_R4_-_639
TSS-REV-884	REV	2140303	186	194	197	RTS_R4_-_640
TSS-REV-885	REV	2141004	15	15	15	RTS_R4_-_641
TSS-REV-886	REV	2141028	9	9	9	RTS_R4_-_641
TSS-REV-887	REV	2145583	3	3	11	RTS_R4_-_642
TSS-REV-888	REV	2149011	3	3	3	RTS_R4_-_643
TSS-REV-889	REV	2149067	3	3	3	RTS_R4_-_643
TSS-REV-890	REV	2165572	134	140	140	RTS_R4_-_644
TSS-REV-891	REV	2169773	102	102	102	RTS_R4_-_646
TSS-REV-892	REV	2175234	379	391	392	RTS_R4_-_647
TSS-REV-893	REV	2175250	351	353	353	RTS_R4_-_647
TSS-REV-894	REV	2175256	3811	3813	3817	RTS_R4_-_647
TSS-REV-895	REV	2176631	31	31	32	RTS_R4_-_648
TSS-REV-896	REV	2176655	37	37	38	RTS_R4_-_648
TSS-REV-897	REV	2180828	5	8	8	RTS_R4_-_649
TSS-REV-898	REV	2183456	23	23	23	RTS_R4_-_650
TSS-REV-899	REV	2183473	27	29	29	RTS_R4_-_650
TSS-REV-900	REV	2183843	6	6	6	RTS_R4_-_651
TSS-REV-901	REV	2190296	14	22	22	RTS_R4_-_652
TSS-REV-902	REV	2190865	90	90	92	RTS_R4_-_653
TSS-REV-903	REV	2192222	165	168	171	RTS_R4_-_654
TSS-REV-904	REV	2209224		1	1	RTS_R4_-_655
TSS-REV-905	REV	2210248	7	7	7	RTS_R4_-_656
TSS-REV-906	REV	2212693	22	22	22	RTS_R4_-_657
TSS-REV-907	REV	2217545	106	106	109	RTS_R4_-_658
TSS-REV-908	REV	2220064	26	26	26	RTS_R4_-_659
TSS-REV-909	REV	2222949	3	3	3	RTS_R4_-_660
TSS-REV-910	REV	2223673	1	2	15	RTS_R4_-_661
TSS-REV-911	REV	2223686	4	4	20	RTS_R4_-_661
TSS-REV-912	REV	2225320	6	6	6	RTS_R4_-_662
TSS-REV-913	REV	2228423	14	14	14	RTS_R4_-_663
TSS-REV-914	REV	2228429	14	14	14	RTS_R4_-_663
TSS-REV-915	REV	2236029	8	8	8	RTS_R4_-_664
TSS-REV-916	REV	2238475	42	45	45	RTS_R4_-_665
TSS-REV-917	REV	2241821	86	86	86	RTS_R4_-_666
TSS-REV-918	REV	2244951	16	16	16	RTS_R4_-_667
TSS-REV-919	REV	2246582	94	95	95	RTS_R4_-_668
TSS-REV-920	REV	2247664	59	60	62	RTS_R4_-_669
TSS-REV-921	REV	2247938		1	1	RTS_R4_-_670
TSS-REV-922	REV	2261616	31	31	31	RTS_R4_-_671
TSS-REV-923	REV	2276298	25	25	172	RTS_R4_-_672
TSS-REV-924	REV	2278527	50	50	50	RTS_R4_-_673
TSS-REV-925	REV	2278553	45	45	45	RTS_R4_-_673
TSS-REV-926	REV	2278566	67	68	68	RTS_R4_-_673
TSS-REV-927	REV	2281991	61	61	61	RTS_R4_-_674

TSS-REV-928	REV	2282034	41	41	41	RTS_R4_-_674
TSS-REV-929	REV	2286797	26	27	27	RTS_R4_-_675
TSS-REV-930	REV	2288240	2	2	2	RTS_R4_-_676
TSS-REV-931	REV	2295930	3	3	3	RTS_R4_-_677
TSS-REV-932	REV	2304826	22	22	22	RTS_R4_-_679
TSS-REV-933	REV	2306662	12	12	12	RTS_R4_-_680
TSS-REV-934	REV	2308429	8	9	10	RTS_R4_-_681
TSS-REV-935	REV	2310826	69	72	72	RTS_R4_-_682
TSS-REV-936	REV	2310858	35	36	36	RTS_R4_-_682
TSS-REV-937	REV	2318151	19	19	19	RTS_R4_-_683
TSS-REV-938	REV	2337473	107	113	114	RTS_R4_-_684
TSS-REV-939	REV	2337479	126	141	142	RTS_R4_-_684
TSS-REV-940	REV	2340036	1	1	1	RTS_R4_-_685
TSS-REV-941	REV	2342788	12	12	12	
TSS-REV-942	REV	2347522	28	28	28	RTS_R4_-_686
TSS-REV-943	REV	2350000		1	1	RTS_R4_-_687
TSS-REV-944	REV	2360256	2	2	2	RTS_R4_-_688
TSS-REV-945	REV	2361677	12	12	12	RTS_R4_-_689
TSS-REV-946	REV	2362329	25	25	25	RTS_R4_-_690
TSS-REV-947	REV	2362338	28	28	28	RTS_R4_-_690
TSS-REV-948	REV	2371594	16	16	23	RTS_R4_-_691
TSS-REV-949	REV	2374936	131	133	133	RTS_R4_-_692
TSS-REV-950	REV	2378723	8	8	10	RTS_R4_-_693
TSS-REV-951	REV	2379075	1789	1834	1982	RTS_R4_-_694
TSS-REV-952	REV	2379587	64	64	65	RTS_R4_-_695
TSS-REV-953	REV	2383776	1	1	1	RTS_R4_-_696
TSS-REV-954	REV	2383833		1	1	RTS_R4_-_696
TSS-REV-955	REV	2403158	87	88	89	RTS_R4_-_697
TSS-REV-956	REV	2403180	113	113	113	RTS_R4_-_697
TSS-REV-957	REV	2403201	77	78	78	RTS_R4_-_697
TSS-REV-958	REV	2403219	319	319	319	RTS_R4_-_697
TSS-REV-959	REV	2403397	24	24	24	RTS_R4_-_697
TSS-REV-960	REV	2404785	107	109	109	RTS_R4_-_698
TSS-REV-961	REV	2405023	9	13	13	RTS_R4_-_698
TSS-REV-962	REV	2405123	8	8	8	RTS_R4_-_698
TSS-REV-963	REV	2409504	17	23	38	RTS_R4_-_699
TSS-REV-964	REV	2410652	2517	2530	2534	RTS_R4_-_700
TSS-REV-965	REV	2410658	242	243	243	RTS_R4_-_700
TSS-REV-966	REV	2410667	107	108	108	RTS_R4_-_700
TSS-REV-967	REV	2411591	12	12	12	RTS_R4_-_701
TSS-REV-968	REV	2411704	10	11	18	RTS_R4_-_701
TSS-REV-969	REV	2417830	145	146	146	RTS_R4_-_702
TSS-REV-970	REV	2418525	11	12	12	RTS_R4_-_703
TSS-REV-971	REV	2418532	12	12	12	RTS_R4_-_703
TSS-REV-972	REV	2424837	100	114	114	RTS_R4_-_705
TSS-REV-973	REV	2424844	396	417	418	RTS_R4_-_705
TSS-REV-974	REV	2424859	601	626	628	RTS_R4_-_705
TSS-REV-975	REV	2425901	239	243	243	RTS_R4_-_706
TSS-REV-976	REV	2425959	290	291	302	RTS_R4_-_706
TSS-REV-977	REV	2428847	69	69	69	RTS_R4_-_707
TSS-REV-978	REV	2429694	16	16	17	RTS_R4_-_708
TSS-REV-979	REV	2429833	17	17	17	RTS_R4_-_708
TSS-REV-980	REV	2431995	208	208	208	RTS_R4_-_709
TSS-REV-981	REV	2432036	543	544	544	RTS_R4_-_709
TSS-REV-982	REV	2433217	39	41	42	RTS_R4_-_710
TSS-REV-983	REV	2435363	7	7	7	RTS_R4_-_711
TSS-REV-984	REV	2435905	69	69	69	RTS_R4_-_712
TSS-REV-985	REV	2439663	245	246	247	RTS_R4_-_713
TSS-REV-986	REV	2442251	38	38	38	RTS_R4_-_714
TSS-REV-987	REV	2442286	56	56	56	RTS_R4_-_714
TSS-REV-988	REV	2446495	15	15	16	RTS_R4_-_715
TSS-REV-989	REV	2447951	5	5	5	RTS_R4_-_716
TSS-REV-990	REV	2452762	2	2	2	RTS_R4_-_717

TSS-REV-991	REV	2454827	31	31	32	RTS_R4_-_718
TSS-REV-992	REV	2454938	41	41	41	RTS_R4_-_718
TSS-REV-993	REV	2458531	23	23	48	RTS_R4_-_719
TSS-REV-994	REV	2459001	428	484	487	RTS_R4_-_720
TSS-REV-995	REV	2463106	57	62	62	RTS_R4_-_721
TSS-REV-996	REV	2463157	111	111	128	RTS_R4_-_721
TSS-REV-997	REV	2468671	99	107	114	RTS_R4_-_722
TSS-REV-998	REV	2468686	144	144	145	RTS_R4_-_722
TSS-REV-999	REV	2475745	2	2	2	RTS_R4_-_723
TSS-REV-1000	REV	2486315	5	5	8	RTS_R4_-_724
TSS-REV-1001	REV	2493341	13	22	27	RTS_R4_-_725
TSS-REV-1002	REV	2496467	19	19	19	RTS_R4_-_726
TSS-REV-1003	REV	2507954	12	12	13	RTS_R4_-_727
TSS-REV-1004	REV	2510851	9	9	17	RTS_R4_-_728
TSS-REV-1005	REV	2510875	11	11	12	RTS_R4_-_728
TSS-REV-1006	REV	2515900	29	29	29	RTS_R4_-_729
TSS-REV-1007	REV	2516263	32	32	32	RTS_R4_-_730
TSS-REV-1008	REV	2518736	290	301	306	RTS_R4_-_731
TSS-REV-1009	REV	2518746	185	186	186	RTS_R4_-_731
TSS-REV-1010	REV	2518796	65	66	66	RTS_R4_-_731
TSS-REV-1011	REV	2520518	4	4	4	RTS_R4_-_732
TSS-REV-1012	REV	2520527	3	3	3	RTS_R4_-_732
TSS-REV-1013	REV	2528246	61	61	61	RTS_R4_-_734
TSS-REV-1014	REV	2529301	30	30	30	RTS_R4_-_735
TSS-REV-1015	REV	2535298	25	29	29	RTS_R4_-_736
TSS-REV-1016	REV	2535305	18	18	18	RTS_R4_-_736
TSS-REV-1017	REV	2541580	336	336	336	RTS_R4_-_737
TSS-REV-1018	REV	2542686	74	78	157	RTS_R4_-_738
TSS-REV-1019	REV	2548612	147	148	148	RTS_R4_-_740
TSS-REV-1020	REV	2548680	260	272	275	RTS_R4_-_740
TSS-REV-1021	REV	2550165	6	6	6	RTS_R4_-_741
TSS-REV-1022	REV	2550190	7	7	7	RTS_R4_-_741
TSS-REV-1023	REV	2550324	9	9	9	RTS_R4_-_741
TSS-REV-1024	REV	2556832	11	11	11	RTS_R4_-_742
TSS-REV-1025	REV	2556852	15	15	15	RTS_R4_-_742
TSS-REV-1026	REV	2559079			2	RTS_R4_-_743
TSS-REV-1027	REV	2576431	201	202	204	RTS_R4_-_744
TSS-REV-1028	REV	2576547	126	127	131	RTS_R4_-_744
TSS-REV-1029	REV	2576553	735	735	738	RTS_R4_-_744
TSS-REV-1030	REV	2580921	30	30	30	RTS_R4_-_745
TSS-REV-1031	REV	2580929	23	23	23	RTS_R4_-_745
TSS-REV-1032	REV	2581523	59	59	59	RTS_R4_-_746
TSS-REV-1033	REV	2588907	141	154	165	RTS_R4_-_747
TSS-REV-1034	REV	2591811	33	34	35	RTS_R4_-_748
TSS-REV-1035	REV	2594785	21	21	27	RTS_R4_-_749
TSS-REV-1036	REV	2594806	22	22	23	RTS_R4_-_749
TSS-REV-1037	REV	2595666	211	212	212	RTS_R4_-_750
TSS-REV-1038	REV	2595676	817	817	817	RTS_R4_-_750
TSS-REV-1039	REV	2595755	131	133	133	RTS_R4_-_750
TSS-REV-1040	REV	2597806	352	354	354	RTS_R4_-_751
TSS-REV-1041	REV	2613938	3	3	3	RTS_R4_-_752
TSS-REV-1042	REV	2616827	21	25	25	RTS_R4_-_753
TSS-REV-1043	REV	2618258	151	151	151	RTS_R4_-_754
TSS-REV-1044	REV	2618264	120	120	120	RTS_R4_-_754
TSS-REV-1045	REV	2618924	112	118	118	RTS_R4_-_755
TSS-REV-1046	REV	2618931	1768	1771	1771	RTS_R4_-_755
TSS-REV-1047	REV	2630583	53	53	53	RTS_R4_-_756
TSS-REV-1048	REV	2630625	2309	2309	2309	RTS_R4_-_756
TSS-REV-1049	REV	2630663	104	104	104	RTS_R4_-_756
TSS-REV-1050	REV	2632099	203	204	204	RTS_R4_-_757
TSS-REV-1051	REV	2632112	266	268	268	RTS_R4_-_757
TSS-REV-1052	REV	2632120	1163	1165	1165	RTS_R4_-_757
TSS-REV-1053	REV	2632127	8655	8663	8663	RTS_R4_-_757

TSS-REV-1054	REV	2633893	65	66	66	RTS_R4_-_758
TSS-REV-1055	REV	2635401	81	81	82	RTS_R4_-_759
TSS-REV-1056	REV	2635441	300	301	301	RTS_R4_-_759
TSS-REV-1057	REV	2635482	68	68	68	RTS_R4_-_759
TSS-REV-1058	REV	2635811	112	113	113	RTS_R4_-_759
TSS-REV-1059	REV	2638708	149	149	149	RTS_R4_-_760
TSS-REV-1060	REV	2640937	28	28	31	RTS_R4_-_761
TSS-REV-1061	REV	2640954	31	31	31	RTS_R4_-_761
TSS-REV-1062	REV	2641026	31	31	31	RTS_R4_-_761
TSS-REV-1063	REV	2642409	67	67	67	RTS_R4_-_762
TSS-REV-1064	REV	2642905	57	57	57	RTS_R4_-_763
TSS-REV-1065	REV	2642935	1686	1687	1688	RTS_R4_-_763
TSS-REV-1066	REV	2648867	29	29	29	RTS_R4_-_764
TSS-REV-1067	REV	2650349	4	4	4	RTS_R4_-_765
TSS-REV-1068	REV	2650424	6	6	6	RTS_R4_-_765
TSS-REV-1069	REV	2651695	12	12	12	RTS_R4_-_766
TSS-REV-1070	REV	2654561	210	210	211	RTS_R4_-_767
TSS-REV-1071	REV	2654589	107	109	115	RTS_R4_-_767
TSS-REV-1072	REV	2657012	191	195	196	RTS_R4_-_768
TSS-REV-1073	REV	2657928	33	33	35	RTS_R4_-_769
TSS-REV-1074	REV	2658178	32	32	32	RTS_R4_-_769
TSS-REV-1075	REV	2660290	183	191	191	RTS_R4_-_770
TSS-REV-1076	REV	2661369	284	285	287	RTS_R4_-_771
TSS-REV-1077	REV	2666961	8	8	8	RTS_R4_-_772
TSS-REV-1078	REV	2666967	5	5	5	RTS_R4_-_772
TSS-REV-1079	REV	2675475		1	1	RTS_R4_-_773
TSS-REV-1080	REV	2675603		1	1	RTS_R4_-_773
TSS-REV-1081	REV	2677426		1	1	RTS_R4_-_774
TSS-REV-1082	REV	2680419	1	1	1	RTS_R4_-_775
TSS-REV-1083	REV	2683559	466	466	466	RTS_R4_-_776
TSS-REV-1084	REV	2683594	1333	1334	1335	RTS_R4_-_776
TSS-REV-1085	REV	2685463	300	302	303	RTS_R4_-_777
TSS-REV-1086	REV	2685545	162	162	162	RTS_R4_-_777
TSS-REV-1087	REV	2688207	13	13	13	RTS_R4_-_778
TSS-REV-1088	REV	2688341	15	15	15	RTS_R4_-_778
TSS-REV-1089	REV	2689362	239	271	300	RTS_R4_-_779
TSS-REV-1090	REV	2693611	113	113	113	RTS_R4_-_780
TSS-REV-1091	REV	2696606	14	15	15	RTS_R4_-_781
TSS-REV-1092	REV	2696614	17	18	22	RTS_R4_-_781
TSS-REV-1093	REV	2698358	376	376	381	RTS_R4_-_782
TSS-REV-1094	REV	2702104	113	113	113	RTS_R4_-_783
TSS-REV-1095	REV	2702115	531	538	539	RTS_R4_-_783
TSS-REV-1096	REV	2702123	2243	2255	2256	RTS_R4_-_783
TSS-REV-1097	REV	2702205	588	590	590	RTS_R4_-_783
TSS-REV-1098	REV	2705232	139	139	139	RTS_R4_-_784
TSS-REV-1099	REV	2707434	34	34	34	RTS_R4_-_785
TSS-REV-1100	REV	2707441	32	34	35	RTS_R4_-_785
TSS-REV-1101	REV	2707472	31	34	52	RTS_R4_-_785
TSS-REV-1102	REV	2707589	25	25	44	RTS_R4_-_785
TSS-REV-1103	REV	2707654	22	35	82	RTS_R4_-_785
TSS-REV-1104	REV	2708110			24	RTS_R4_-_786
TSS-REV-1105	REV	2708252	149	151	151	RTS_R4_-_786
TSS-REV-1106	REV	2710822	2	2	2	RTS_R4_-_787
TSS-REV-1107	REV	2713408	14	16	16	RTS_R4_-_788
TSS-REV-1108	REV	2714490	2	75	75	RTS_R4_-_789
TSS-REV-1109	REV	2714508	10	154	155	RTS_R4_-_789
TSS-REV-1110	REV	2714523	7	774	781	RTS_R4_-_789
TSS-REV-1111	REV	2714531	829	11675	11722	RTS_R4_-_789
TSS-REV-1112	REV	2714543	738	2454	2461	RTS_R4_-_789
TSS-REV-1113	REV	2716576	23	25	25	RTS_R4_-_790
TSS-REV-1114	REV	2716615	30	30	31	RTS_R4_-_790
TSS-REV-1115	REV	2716630	37	38	38	RTS_R4_-_790
TSS-REV-1116	REV	2723834	149	149	149	RTS_R4_-_791

TSS-REV-1117	REV	2724210	24	187	249	RTS_R4_-_792
TSS-REV-1118	REV	2729179	562	622	657	RTS_R4_-_793
TSS-REV-1119	REV	2732227	732	3548	3582	RTS_R4_-_794
TSS-REV-1120	REV	2732315	783	844	1038	RTS_R4_-_795
TSS-REV-1121	REV	2734086	539	539	539	RTS_R4_-_796
TSS-REV-1122	REV	2736563	4	4	4	RTS_R4_-_797
TSS-REV-1123	REV	2739331	19	19	19	RTS_R4_-_798
TSS-REV-1124	REV	2744276	3445	3463	3465	RTS_R4_-_799
TSS-REV-1125	REV	2744314	156	156	156	RTS_R4_-_799
TSS-REV-1126	REV	2745876	393	394	394	RTS_R4_-_800
TSS-REV-1127	REV	2748759	105	134	134	RTS_R4_-_801
TSS-REV-1128	REV	2748769	2933	3713	3716	RTS_R4_-_801
TSS-REV-1129	REV	2752770	134	135	135	RTS_R4_-_802
TSS-REV-1130	REV	2763334	45	45	45	RTS_R4_-_803
TSS-REV-1131	REV	2764225	11	11	11	RTS_R4_-_804
TSS-REV-1132	REV	2769887	9	9	9	RTS_R4_-_805
TSS-REV-1133	REV	2779623		5	10	RTS_R4_-_807
TSS-REV-1134	REV	2783978	7	7	7	RTS_R4_-_808
TSS-REV-1135	REV	2794373	5	9	49	RTS_R4_-_809
TSS-REV-1136	REV	2794835	267	272	362	RTS_R4_-_810
TSS-REV-1137	REV	2795088	218	218	225	RTS_R4_-_811
TSS-REV-1138	REV	2795098	60	61	63	RTS_R4_-_811
TSS-REV-1139	REV	2795107	75	76	80	RTS_R4_-_811
TSS-REV-1140	REV	2796550	230	230	230	RTS_R4_-_812
TSS-REV-1141	REV	2796559	304	315	315	RTS_R4_-_812
TSS-REV-1142	REV	2796579	35	37	37	RTS_R4_-_812
TSS-REV-1143	REV	2796599	6	6	6	RTS_R4_-_812
TSS-REV-1144	REV	2798154	35	35	35	RTS_R4_-_813
TSS-REV-1145	REV	2798693	19	19	19	RTS_R4_-_814
TSS-REV-1146	REV	2807603	9	9	12	RTS_R4_-_815
TSS-REV-1147	REV	2812784	78	78	78	RTS_R4_-_817
TSS-REV-1148	REV	2812837	798	818	840	RTS_R4_-_817
TSS-REV-1149	REV	2812900	380	381	381	RTS_R4_-_817
TSS-REV-1150	REV	2814612	456	456	456	RTS_R4_-_818
TSS-REV-1151	REV	2815550	24	25	26	RTS_R4_-_819
TSS-REV-1152	REV	2815942	160	160	160	RTS_R4_-_820
TSS-REV-1153	REV	2816357	83	83	83	RTS_R4_-_822
TSS-REV-1154	REV	2816667	5838	7095	7736	RTS_R4_-_823
TSS-REV-1155	REV	2817211	707	717	717	RTS_R4_-_824
TSS-REV-1156	REV	2817220	788	788	790	RTS_R4_-_824
TSS-REV-1157	REV	2817295	429	429	447	RTS_R4_-_824
TSS-REV-1158	REV	2820046	113	113	113	RTS_R4_-_825
TSS-REV-1159	REV	2820060	63	63	63	RTS_R4_-_825
TSS-REV-1160	REV	2820112	3060	3061	3061	RTS_R4_-_825
TSS-REV-1161	REV	2821830	185	187	187	RTS_R4_-_826
TSS-REV-1162	REV	2821834	187	187	187	RTS_R4_-_826
TSS-REV-1163	REV	2821840	226	229	231	RTS_R4_-_826
TSS-REV-1164	REV	2821878	140	140	140	RTS_R4_-_826
TSS-REV-1165	REV	2822395	146	146	146	RTS_R4_-_827
TSS-REV-1166	REV	2823564	23	23	25	RTS_R4_-_828
TSS-REV-1167	REV	2830332	31	31	31	RTS_R4_-_829
TSS-REV-1168	REV	2835567		1	4	RTS_R4_-_830
TSS-REV-1169	REV	2837310	16	17	17	RTS_R4_-_831
TSS-REV-1170	REV	2841124	103	105	106	RTS_R4_-_832
TSS-REV-1171	REV	2854922			1	RTS_R4_-_833
TSS-REV-1172	REV	2859278	279	283	311	RTS_R4_-_834
TSS-REV-1173	REV	2866141	219	221	223	RTS_R4_-_835
TSS-REV-1174	REV	2866803	17	17	17	RTS_R4_-_836
TSS-REV-1175	REV	2868608	8	8	8	RTS_R4_-_837
TSS-REV-1176	REV	2868673	13	13	13	RTS_R4_-_837
TSS-REV-1177	REV	2870979	21	21	23	RTS_R4_-_838
TSS-REV-1178	REV	2874392	682	683	683	RTS_R4_-_840
TSS-REV-1179	REV	2876455	7	7	8	RTS_R4_-_841

TSS-REV-1180	REV	2878363	2	2	2	RTS_R4_-_843
TSS-REV-1181	REV	2878413	2	2	2	RTS_R4_-_843
TSS-REV-1182	REV	2878903	2	2	2	RTS_R4_-_844
TSS-REV-1183	REV	2884174	2	2	2	RTS_R4_-_845
TSS-REV-1184	REV	2889945	246	246	246	RTS_R4_-_847
TSS-REV-1185	REV	2889976	208	208	208	RTS_R4_-_847
TSS-REV-1186	REV	2889985	910	910	910	RTS_R4_-_847
TSS-REV-1187	REV	2902483	14	21	25	RTS_R4_-_849
TSS-REV-1188	REV	2903464	19	22	25	RTS_R4_-_850
TSS-REV-1189	REV	2905978	357	378	379	RTS_R4_-_851
TSS-REV-1190	REV	2905988	108	108	108	RTS_R4_-_851
TSS-REV-1191	REV	2906041	6917	6966	6972	RTS_R4_-_851
TSS-REV-1192	REV	2906123	166	168	168	RTS_R4_-_851
TSS-REV-1193	REV	2906149	186	186	187	RTS_R4_-_851
TSS-REV-1194	REV	2906248	248	254	255	RTS_R4_-_851
TSS-REV-1195	REV	2907728	105	105	105	RTS_R4_-_852
TSS-REV-1196	REV	2909279	81	81	81	RTS_R4_-_853
TSS-REV-1197	REV	2909390	52	54	56	RTS_R4_-_853
TSS-REV-1198	REV	2911869	25	25	25	RTS_R4_-_854
TSS-REV-1199	REV	2912027	32	32	32	RTS_R4_-_854
TSS-REV-1200	REV	2913051	101	101	101	RTS_R4_-_855
TSS-REV-1201	REV	2922159	198	198	198	RTS_R4_-_857
TSS-REV-1202	REV	2922546	284	311	382	RTS_R4_-_858
TSS-REV-1203	REV	2922556	157	164	164	RTS_R4_-_858
TSS-REV-1204	REV	2923335	270	272	273	RTS_R4_-_859
TSS-REV-1205	REV	2939689	103	107	118	RTS_R4_-_861
TSS-REV-1206	REV	2939796	74	74	74	RTS_R4_-_861
TSS-REV-1207	REV	2940661	95	95	95	RTS_R4_-_862
TSS-REV-1208	REV	2941194	66	72	77	RTS_R4_-_863
TSS-REV-1209	REV	2941235	171	174	179	RTS_R4_-_863
TSS-REV-1210	REV	2944074	51	51	53	RTS_R4_-_864
TSS-REV-1211	REV	2944085	69	69	69	RTS_R4_-_864
TSS-REV-1212	REV	2944096	65	65	65	RTS_R4_-_864
TSS-REV-1213	REV	2944175	51	51	51	RTS_R4_-_864
TSS-REV-1214	REV	2945225	26	26	26	RTS_R4_-_865
TSS-REV-1215	REV	2947086	162	163	163	RTS_R4_-_866
TSS-REV-1216	REV	2953935	67	67	67	RTS_R4_-_867
TSS-REV-1217	REV	2954000	49	50	50	RTS_R4_-_867
TSS-REV-1218	REV	2957031	10	11	11	RTS_R4_-_868
TSS-REV-1219	REV	2962199	1	1	1	RTS_R4_-_870
TSS-REV-1220	REV	2964139	50	50	50	RTS_R4_-_871
TSS-REV-1221	REV	2967018	167	167	167	RTS_R4_-_872
TSS-REV-1222	REV	2972534	3	3	3	RTS_R4_-_873
TSS-REV-1223	REV	2972645	4	4	4	RTS_R4_-_873
TSS-REV-1224	REV	2974072	78	79	79	RTS_R4_-_874
TSS-REV-1225	REV	2974189	12	13	37	RTS_R4_-_875
TSS-REV-1226	REV	2974407	3	4	6	RTS_R4_-_876
TSS-REV-1227	REV	2976947	334	334	334	RTS_R4_-_877
TSS-REV-1228	REV	2980232	13	13	14	RTS_R4_-_878
TSS-REV-1229	REV	2983635	95	96	98	RTS_R4_-_880
TSS-REV-1230	REV	2995918	4	4	4	RTS_R4_-_881
TSS-REV-1231	REV	2997079	1993	34233	83110	RTS_R4_-_883
TSS-REV-1232	REV	2998266	12	12	14	RTS_R4_-_884
TSS-REV-1233	REV	3003869			3	RTS_R4_-_885
TSS-REV-1234	REV	3013059	2	2	2	RTS_R4_-_886
TSS-REV-1235	REV	3023597	5	5	5	RTS_R4_-_888
TSS-REV-1236	REV	3023627	3	3	3	RTS_R4_-_888
TSS-REV-1237	REV	3034313	97	98	98	RTS_R4_-_890
TSS-REV-1238	REV	3034336	212	214	214	RTS_R4_-_890
TSS-REV-1239	REV	3034346	322	322	322	RTS_R4_-_890
TSS-REV-1240	REV	3037790	14	14	14	RTS_R4_-_891
TSS-REV-1241	REV	3037800	11	11	11	RTS_R4_-_891
TSS-REV-1242	REV	3039121	70	72	73	RTS_R4_-_892

TSS-REV-1243	REV	3041333	9	9	9	RTS_R4_-_893
TSS-REV-1244	REV	3041676	448	450	450	RTS_R4_-_894
TSS-REV-1245	REV	3047178	117	117	117	RTS_R4_-_896
TSS-REV-1246	REV	3048789	62	62	62	RTS_R4_-_897
TSS-REV-1247	REV	3048798	283	283	283	RTS_R4_-_897
TSS-REV-1248	REV	3053495	196	196	196	RTS_R4_-_898
TSS-REV-1249	REV	3056477	47	55	57	RTS_R4_-_899
TSS-REV-1250	REV	3057375	312	315	317	RTS_R4_-_900
TSS-REV-1251	REV	3066137	55	56	61	RTS_R4_-_901
TSS-REV-1252	REV	3066148	640	654	680	RTS_R4_-_901
TSS-REV-1253	REV	3066858	7	7	7	RTS_R4_-_902
TSS-REV-1254	REV	3067836	114	114	114	RTS_R4_-_903
TSS-REV-1255	REV	3067856	151	151	151	RTS_R4_-_903
TSS-REV-1256	REV	3067893	640	669	670	RTS_R4_-_903
TSS-REV-1257	REV	3069449	196	196	196	RTS_R4_-_904
TSS-REV-1258	REV	3069477	576	576	576	RTS_R4_-_904
TSS-REV-1259	REV	3070670	248	249	250	RTS_R4_-_905
TSS-REV-1260	REV	3070703	2052	2065	2065	RTS_R4_-_905
TSS-REV-1261	REV	3070757	367	370	370	RTS_R4_-_905
TSS-REV-1262	REV	3071845	199	200	200	RTS_R4_-_906
TSS-REV-1263	REV	3073487	1	1	2	RTS_R4_-_907
TSS-REV-1264	REV	3079737	788	788	788	RTS_R4_-_908
TSS-REV-1265	REV	3081893	254	254	254	RTS_R4_-_909
TSS-REV-1266	REV	3081908	256	256	256	RTS_R4_-_909
TSS-REV-1267	REV	3081948	80	80	84	RTS_R4_-_909
TSS-REV-1268	REV	3081968	43	49	180	RTS_R4_-_909
TSS-REV-1269	REV	3081990	115	116	155	RTS_R4_-_909
TSS-REV-1270	REV	3083950	33	33	34	RTS_R4_-_910
TSS-REV-1271	REV	3084078	32	32	32	RTS_R4_-_910
TSS-REV-1272	REV	3084420	22	22	22	RTS_R4_-_911
TSS-REV-1273	REV	3093107	13	14	15	
TSS-REV-1274	REV	3099822	47	48	50	RTS_R4_-_913
TSS-REV-1275	REV	3100179	114	115	115	RTS_R4_-_914
TSS-REV-1276	REV	3100215	420	423	425	RTS_R4_-_914
TSS-REV-1277	REV	3100221	5472	5545	5565	RTS_R4_-_914
TSS-REV-1278	REV	3100257	482	493	497	RTS_R4_-_914
TSS-REV-1279	REV	3100324	136	136	136	RTS_R4_-_914
TSS-REV-1280	REV	3101025	32	32	32	RTS_R4_-_915
TSS-REV-1281	REV	3107281	35	37	37	RTS_R4_-_916
TSS-REV-1282	REV	3107308	62	62	62	RTS_R4_-_916
TSS-REV-1283	REV	3111057	4	4	4	RTS_R4_-_917
TSS-REV-1284	REV	3111570	62	62	62	RTS_R4_-_918
TSS-REV-1285	REV	3111770	9	9	9	RTS_R4_-_918
TSS-REV-1286	REV	3111918	7	7	7	RTS_R4_-_918
TSS-REV-1287	REV	3117349	58	58	58	RTS_R4_-_919
TSS-REV-1288	REV	3117362	267	267	267	RTS_R4_-_919
TSS-REV-1289	REV	3119364	9	9	9	RTS_R4_-_920
TSS-REV-1290	REV	3122752	3	3	3	RTS_R4_-_921
TSS-REV-1291	REV	3122796	4	4	4	RTS_R4_-_921
TSS-REV-1292	REV	3126098	2	2	4	RTS_R4_-_922
TSS-REV-1293	REV	3126195	3	3	3	RTS_R4_-_922
TSS-REV-1294	REV	3136551	17	17	17	RTS_R4_-_923
TSS-REV-1295	REV	3141054	6	6	6	RTS_R4_-_924
TSS-REV-1296	REV	3141126	7	7	7	RTS_R4_-_924
TSS-REV-1297	REV	3144309	17	20	20	RTS_R4_-_925
TSS-REV-1298	REV	3144385	13	13	13	RTS_R4_-_925
TSS-REV-1299	REV	3144780	2	2	2	RTS_R4_-_926
TSS-REV-1300	REV	3145787	9	10	15	RTS_R4_-_927
TSS-REV-1301	REV	3147518	105	109	109	RTS_R4_-_928
TSS-REV-1302	REV	3150038	410	410	419	RTS_R4_-_929
TSS-REV-1303	REV	3153212		2	3	RTS_R4_-_930
TSS-REV-1304	REV	3159202	33	33	33	RTS_R4_-_932
TSS-REV-1305	REV	3160708	31	32	32	RTS_R4_-_933

TSS-REV-1306	REV	3160864	53	53	53	RTS_R4_-_933
TSS-REV-1307	REV	3161587	17	18	18	RTS_R4_-_934
TSS-REV-1308	REV	3164043	533	535	535	RTS_R4_-_935
TSS-REV-1309	REV	3166584	7	10	14	RTS_R4_-_936
TSS-REV-1310	REV	3167731	19	34	131	RTS_R4_-_937
TSS-REV-1311	REV	3173667	267	268	268	RTS_R4_-_938
TSS-REV-1312	REV	3174987	18	18	24	RTS_R4_-_939
TSS-REV-1313	REV	3176014	39	40	40	RTS_R4_-_940
TSS-REV-1314	REV	3180462	7	7	7	RTS_R4_-_941
TSS-REV-1315	REV	3181662	18	18	18	RTS_R4_-_942
TSS-REV-1316	REV	3181669	24	24	24	RTS_R4_-_942
TSS-REV-1317	REV	3181678	23	23	23	RTS_R4_-_942
TSS-REV-1318	REV	3182740	9	9	9	RTS_R4_-_943
TSS-REV-1319	REV	3189979	5	8	49	RTS_R4_-_945
TSS-REV-1320	REV	3189986	15	25	147	RTS_R4_-_945
TSS-REV-1321	REV	3189995	28	32	158	RTS_R4_-_945
TSS-REV-1322	REV	3190002	43	54	181	RTS_R4_-_945
TSS-REV-1323	REV	3190011	105	113	126	RTS_R4_-_945
TSS-REV-1324	REV	3190024	270	289	343	RTS_R4_-_945
TSS-REV-1325	REV	3190379	4	4	4	RTS_R4_-_946
TSS-REV-1326	REV	3192887	10	11	11	RTS_R4_-_947
TSS-REV-1327	REV	3193271	47	48	48	RTS_R4_-_948
TSS-REV-1328	REV	3194803	99	99	99	RTS_R4_-_949
TSS-REV-1329	REV	3199054	74	75	75	RTS_R4_-_950
TSS-REV-1330	REV	3202205	34	34	34	RTS_R4_-_951
TSS-REV-1331	REV	3202243	53	53	53	RTS_R4_-_951
TSS-REV-1332	REV	3202659	72	73	73	RTS_R4_-_952
TSS-REV-1333	REV	3204386	6	6	6	RTS_R4_-_953
TSS-REV-1334	REV	3208588	284	287	287	RTS_R4_-_954
TSS-REV-1335	REV	3213518	6	6	8	RTS_R4_-_955
TSS-REV-1336	REV	3213543	11	11	11	RTS_R4_-_955
TSS-REV-1337	REV	3214559	491	491	491	RTS_R4_-_956
TSS-REV-1338	REV	3217140	24	24	24	RTS_R4_-_957
TSS-REV-1339	REV	3232782	16	18	23	RTS_R4_-_958
TSS-REV-1340	REV	3233919		1	1	RTS_R4_-_959
TSS-REV-1341	REV	3242809	60	74	75	RTS_R4_-_960
TSS-REV-1342	REV	3252264	44	46	46	RTS_R4_-_961
TSS-REV-1343	REV	3256371	180	204	237	RTS_R4_-_962
TSS-REV-1344	REV	3268614	1	34	47	RTS_R4_-_963
TSS-REV-1345	REV	3276727	65	65	65	RTS_R4_-_965
TSS-REV-1346	REV	3287928			3	RTS_R4_-_966
TSS-REV-1347	REV	3292525	1	2	7	RTS_R4_-_968
TSS-REV-1348	REV	3296934	2	4	7	RTS_R4_-_969
TSS-REV-1349	REV	3297958	7	7	7	RTS_R4_-_970
TSS-REV-1350	REV	3299323	104	149	153	RTS_R4_-_971
TSS-REV-1351	REV	3299434	58	58	58	RTS_R4_-_971
TSS-REV-1352	REV	3303882	17	17	17	RTS_R4_-_972
TSS-REV-1353	REV	3306034	179	182	182	RTS_R4_-_973
TSS-REV-1354	REV	3307126	26	26	27	RTS_R4_-_974
TSS-REV-1355	REV	3309271	5083	5099	5104	RTS_R4_-_975
TSS-REV-1356	REV	3309309	134	134	134	RTS_R4_-_975
TSS-REV-1357	REV	3309768	123	127	127	RTS_R4_-_976
TSS-REV-1358	REV	3309806	291	294	294	RTS_R4_-_976
TSS-REV-1359	REV	3311247	84	84	84	RTS_R4_-_977
TSS-REV-1360	REV	3316071	131	131	131	RTS_R4_-_978
TSS-REV-1361	REV	3316119	205	206	206	RTS_R4_-_978
TSS-REV-1362	REV	3316211	76	78	78	RTS_R4_-_978
TSS-REV-1363	REV	3316311	953	1045	1143	RTS_R4_-_979
TSS-REV-1364	REV	3316397	149	154	155	RTS_R4_-_979
TSS-REV-1365	REV	3320611	48	70	70	RTS_R4_-_980
TSS-REV-1366	REV	3322307	73	74	74	RTS_R4_-_981
TSS-REV-1367	REV	3322347	101	101	101	RTS_R4_-_981
TSS-REV-1368	REV	3323252	243	244	244	RTS_R4_-_982

TSS-REV-1369	REV	3323526	162	168	168	RTS_R4_-_982
TSS-REV-1370	REV	3325000	248	249	249	RTS_R4_-_983
TSS-REV-1371	REV	3325753	125	140	147	RTS_R4_-_984
TSS-REV-1372	REV	3326835	65	65	65	RTS_R4_-_985
TSS-REV-1373	REV	3326874	77	78	78	RTS_R4_-_985
TSS-REV-1374	REV	3330183	81	81	81	RTS_R4_-_986
TSS-REV-1375	REV	3330932	137	138	139	RTS_R4_-_987
TSS-REV-1376	REV	3331479	399	401	401	RTS_R4_-_988
TSS-REV-1377	REV	3331529	782	790	790	RTS_R4_-_988
TSS-REV-1378	REV	3331538	1516	1596	1597	RTS_R4_-_988
TSS-REV-1379	REV	3334539	152	157	158	RTS_R4_-_989
TSS-REV-1380	REV	3334577	633	636	636	RTS_R4_-_989
TSS-REV-1381	REV	3334854	448	450	450	RTS_R4_-_990
TSS-REV-1382	REV	3336077	56	56	56	RTS_R4_-_991
TSS-REV-1383	REV	3336084	40	40	40	RTS_R4_-_991
TSS-REV-1384	REV	3338123	83	84	84	RTS_R4_-_992
TSS-REV-1385	REV	3338154	50	52	52	RTS_R4_-_992
TSS-REV-1386	REV	3348510	88	89	89	RTS_R4_-_993
TSS-REV-1387	REV	3348532	105	106	106	RTS_R4_-_993
TSS-REV-1388	REV	3348571	71	71	72	RTS_R4_-_993
TSS-REV-1389	REV	3351071	10	11	13	RTS_R4_-_994
TSS-REV-1390	REV	3352167	5	5	5	RTS_R4_-_995
TSS-REV-1391	REV	3358901	3	3	3	RTS_R4_-_996
TSS-REV-1392	REV	3365791	6	6	27	RTS_R4_-_998
TSS-REV-1393	REV	3371642	20	26	28	RTS_R4_-_999
TSS-REV-1394	REV	3372540	18	19	19	RTS_R4_-_1000
TSS-REV-1395	REV	3375467	124	125	125	RTS_R4_-_1001
TSS-REV-1396	REV	3375504	172	173	174	RTS_R4_-_1001
TSS-REV-1397	REV	3375587	683	683	683	RTS_R4_-_1001
TSS-REV-1398	REV	3376678	188	188	188	RTS_R4_-_1002
TSS-REV-1399	REV	3376692	95	97	98	RTS_R4_-_1002
TSS-REV-1400	REV	3376796	518	520	521	RTS_R4_-_1002
TSS-REV-1401	REV	3376830	55	57	57	RTS_R4_-_1002
TSS-REV-1402	REV	3378033	6	7	7	RTS_R4_-_1003
TSS-REV-1403	REV	3378078	5	5	5	RTS_R4_-_1003
TSS-REV-1404	REV	3382316	616	618	619	RTS_R4_-_1004
TSS-REV-1405	REV	3382336	94	97	98	RTS_R4_-_1004
TSS-REV-1406	REV	3382494	3469	3478	3555	RTS_R4_-_1004
TSS-REV-1407	REV	3384191	1	1	12	RTS_R4_-_1005
TSS-REV-1408	REV	3387503	9	9	9	RTS_R4_-_1006
TSS-REV-1409	REV	3390086	51	51	51	RTS_R4_-_1007
TSS-REV-1410	REV	3390139	53	53	53	RTS_R4_-_1007
TSS-REV-1411	REV	3390443	30	30	30	RTS_R4_-_1007
TSS-REV-1412	REV	3390673	50	50	50	RTS_R4_-_1007
TSS-REV-1413	REV	3395947	38	42	42	RTS_R4_-_1008
TSS-REV-1414	REV	3396009	37	37	37	RTS_R4_-_1008
TSS-REV-1415	REV	3396618	63	63	63	RTS_R4_-_1009
TSS-REV-1416	REV	3396643	42	42	42	RTS_R4_-_1009
TSS-REV-1417	REV	3399149	131	132	132	RTS_R4_-_1010
TSS-REV-1418	REV	3399214	816	816	816	RTS_R4_-_1010
TSS-REV-1419	REV	3401381	7	7	7	RTS_R4_-_1011
TSS-REV-1420	REV	3408239			2	RTS_R4_-_1012
TSS-REV-1421	REV	3427033	33	37	37	RTS_R4_-_1013
TSS-REV-1422	REV	3427071	22	23	23	RTS_R4_-_1013
TSS-REV-1423	REV	3429107	23	24	24	RTS_R4_-_1014
TSS-REV-1424	REV	3430049	46	46	47	RTS_R4_-_1015
TSS-REV-1425	REV	3430625	5	6	12	RTS_R4_-_1016
TSS-REV-1426	REV	3431625	12	12	12	RTS_R4_-_1017
TSS-REV-1427	REV	3437566	6	8	8	RTS_R4_-_1018
TSS-REV-1428	REV	3440574	1194	1194	1194	RTS_R4_-_1019
TSS-REV-1429	REV	3440580	3033	3033	3034	RTS_R4_-_1019
TSS-REV-1430	REV	3440584	2774	2778	2778	RTS_R4_-_1019
TSS-REV-1431	REV	3440615	2226	2226	2226	RTS_R4_-_1019

TSS-REV-1432	REV	3440622	1303	1304	1304	RTS_R4_-_1019
TSS-REV-1433	REV	3440636	316	316	316	RTS_R4_-_1019
TSS-REV-1434	REV	3446318	620	620	620	RTS_R4_-_1020
TSS-REV-1435	REV	3446323	756	758	758	RTS_R4_-_1020
TSS-REV-1436	REV	3446364	718	723	724	RTS_R4_-_1020
TSS-REV-1437	REV	3451312	294	295	295	RTS_R4_-_1021
TSS-REV-1438	REV	3451985	2	2	2	RTS_R4_-_1022
TSS-REV-1439	REV	3464770	2284	2298	2339	RTS_R4_-_1023
TSS-REV-1440	REV	3465032	187	187	193	RTS_R4_-_1024
TSS-REV-1441	REV	3469359	2310	2320	2324	RTS_R4_-_1026
TSS-REV-1442	REV	3469402	56495	56547	56563	RTS_R4_-_1026
TSS-REV-1443	REV	3469412	507	510	512	RTS_R4_-_1026
TSS-REV-1444	REV	3469419	109	112	112	RTS_R4_-_1026
TSS-REV-1445	REV	3469443	3901	3911	3911	RTS_R4_-_1026
TSS-REV-1446	REV	3472640	615	617	617	RTS_R4_-_1027
TSS-REV-1447	REV	3472650	1000	1026	1027	RTS_R4_-_1027
TSS-REV-1448	REV	3474466	20	20	20	RTS_R4_-_1028
TSS-REV-1449	REV	3474524	12	12	12	RTS_R4_-_1028
TSS-REV-1450	REV	3474563	9	10	14	RTS_R4_-_1028
TSS-REV-1451	REV	3475488	100	100	100	RTS_R4_-_1029
TSS-REV-1452	REV	3475547	63	63	65	RTS_R4_-_1029
TSS-REV-1453	REV	3476403	45	46	48	RTS_R4_-_1030
TSS-REV-1454	REV	3476580	45	45	50	RTS_R4_-_1030
TSS-REV-1455	REV	3479273	11	11	11	RTS_R4_-_1031
TSS-REV-1456	REV	3483867	69	69	69	RTS_R4_-_1032
TSS-REV-1457	REV	3483974	3	3	6	RTS_R4_-_1032
TSS-REV-1458	REV	3488232	394	401	401	RTS_R4_-_1033
TSS-REV-1459	REV	3488243	726	738	738	RTS_R4_-_1033
TSS-REV-1460	REV	3489670	136	136	136	RTS_R4_-_1034
TSS-REV-1461	REV	3490351	60	60	60	RTS_R4_-_1035
TSS-REV-1462	REV	3490357	36	36	36	RTS_R4_-_1035
TSS-REV-1463	REV	3490712	6	6	6	RTS_R4_-_1036
TSS-REV-1464	REV	3510372	14	34	36	RTS_R4_-_1037
TSS-REV-1465	REV	3510389	19	26	26	RTS_R4_-_1037
TSS-REV-1466	REV	3511720	419	420	420	RTS_R4_-_1038
TSS-REV-1467	REV	3511773	285	285	285	RTS_R4_-_1038
TSS-REV-1468	REV	3513213	106	106	106	RTS_R4_-_1039
TSS-REV-1469	REV	3514323	32	32	32	RTS_R4_-_1040
TSS-REV-1470	REV	3515537	105	105	106	RTS_R4_-_1041
TSS-REV-1471	REV	3517188	46	50	50	RTS_R4_-_1042
TSS-REV-1472	REV	3517403	69	69	69	RTS_R4_-_1042
TSS-REV-1473	REV	3520825	5	5	5	RTS_R4_-_1043
TSS-REV-1474	REV	3524195	95	95	95	RTS_R4_-_1044
TSS-REV-1475	REV	3524254	151	152	152	RTS_R4_-_1044
TSS-REV-1476	REV	3524265	153	153	153	RTS_R4_-_1044
TSS-REV-1477	REV	3530485	4	4	4	RTS_R4_-_1045
TSS-REV-1478	REV	3530543	3	3	3	RTS_R4_-_1045
TSS-REV-1479	REV	3534707	76	80	80	RTS_R4_-_1046
TSS-REV-1480	REV	3534729	7	9	17	RTS_R4_-_1046
TSS-REV-1481	REV	3534768	30	31	31	RTS_R4_-_1046
TSS-REV-1482	REV	3542897	18	27	28	RTS_R4_-_1048
TSS-REV-1483	REV	3550532	197	197	197	RTS_R4_-_1049
TSS-REV-1484	REV	3556144	20	20	20	RTS_R4_-_1050
TSS-REV-1485	REV	3556160	12	12	12	RTS_R4_-_1050
TSS-REV-1486	REV	3556197	12	12	12	RTS_R4_-_1050
TSS-REV-1487	REV	3556202	14	14	14	RTS_R4_-_1050
TSS-REV-1488	REV	3558752	60	62	62	RTS_R4_-_1051
TSS-REV-1489	REV	3558903	126	126	126	RTS_R4_-_1051
TSS-REV-1490	REV	3559883	127	127	127	RTS_R4_-_1052
TSS-REV-1491	REV	3566419	97	97	98	RTS_R4_-_1054
TSS-REV-1492	REV	3567411	63	70	71	RTS_R4_-_1055
TSS-REV-1493	REV	3567480	150	151	151	RTS_R4_-_1055
TSS-REV-1494	REV	3567595	66	66	68	RTS_R4_-_1055

TSS-REV-1495	REV	3571644	35	35	35	RTS_R4_-_1056
TSS-REV-1496	REV	3571787	27	27	27	RTS_R4_-_1056
TSS-REV-1497	REV	3571792	40	40	40	RTS_R4_-_1056
TSS-REV-1498	REV	3572903	10	10	10	RTS_R4_-_1057
TSS-REV-1499	REV	3574307		1	1	RTS_R4_-_1058
TSS-REV-1500	REV	3576961	25	25	26	RTS_R4_-_1059
TSS-REV-1501	REV	3578831	62	62	63	RTS_R4_-_1060
TSS-REV-1502	REV	3578852	502	502	506	RTS_R4_-_1060
TSS-REV-1503	REV	3579039	3	4	49	RTS_R4_-_1061
TSS-REV-1504	REV	3582323	4	4	4	RTS_R4_-_1062
TSS-REV-1505	REV	3584877	1	1	3	RTS_R4_-_1063
TSS-REV-1506	REV	3585024			2	RTS_R4_-_1063
TSS-REV-1507	REV	3590437	2	2	11	RTS_R4_-_1064
TSS-REV-1508	REV	3590449	1	1	10	RTS_R4_-_1064
TSS-REV-1509	REV	3595627	181	181	181	RTS_R4_-_1065
TSS-REV-1510	REV	3595638	1044	1051	1051	RTS_R4_-_1065
TSS-REV-1511	REV	3595744	1230	1230	1230	RTS_R4_-_1065
TSS-REV-1512	REV	3595769	214	214	214	RTS_R4_-_1065
TSS-REV-1513	REV	3597715	103	103	103	RTS_R4_-_1066
TSS-REV-1514	REV	3597785	721	723	724	RTS_R4_-_1066
TSS-REV-1515	REV	3598820	186	188	191	RTS_R4_-_1067
TSS-REV-1516	REV	3598872	48	48	49	RTS_R4_-_1067
TSS-REV-1517	REV	3598886	250	278	279	RTS_R4_-_1067
TSS-REV-1518	REV	3598893	92	132	135	RTS_R4_-_1067
TSS-REV-1519	REV	3599027	2	3	16	RTS_R4_-_1067
TSS-REV-1520	REV	3599187	124	124	124	RTS_R4_-_1067
TSS-REV-1521	REV	3602333	117	120	121	RTS_R4_-_1068
TSS-REV-1522	REV	3602339	172	173	173	RTS_R4_-_1068
TSS-REV-1523	REV	3607043	23	23	23	RTS_R4_-_1070
TSS-REV-1524	REV	3609782	29	29	29	RTS_R4_-_1071
TSS-REV-1525	REV	3617170	8	8	8	RTS_R4_-_1072
TSS-REV-1526	REV	3617187	9	11	12	RTS_R4_-_1072
TSS-REV-1527	REV	3628862	80	80	80	RTS_R4_-_1073
TSS-REV-1528	REV	3628952	45	48	51	RTS_R4_-_1073
TSS-REV-1529	REV	3635522	43	43	43	RTS_R4_-_1074
TSS-REV-1530	REV	3637869	1	4	55	RTS_R4_-_1075
TSS-REV-1531	REV	3638759	2	2	2	RTS_R4_-_1076
TSS-REV-1532	REV	3643224	172	277	280	RTS_R4_-_1077
TSS-REV-1533	REV	3643261	791	895	896	RTS_R4_-_1077
TSS-REV-1534	REV	3643272	126	129	131	RTS_R4_-_1077
TSS-REV-1535	REV	3646005	21	22	23	RTS_R4_-_1078
TSS-REV-1536	REV	3651291	4	4	4	RTS_R4_-_1080
TSS-REV-1537	REV	3651336	4	4	4	RTS_R4_-_1080
TSS-REV-1538	REV	3654784	525	525	680	RTS_R4_-_1081
TSS-REV-1539	REV	3654793	1187	1188	1526	RTS_R4_-_1081
TSS-REV-1540	REV	3654803	100	100	215	RTS_R4_-_1081
TSS-REV-1541	REV	3654807	79	79	207	RTS_R4_-_1081
TSS-REV-1542	REV	3654814	303	306	542	RTS_R4_-_1081
TSS-REV-1543	REV	3656051			21	RTS_R4_-_1082
TSS-REV-1544	REV	3656077			15	RTS_R4_-_1082
TSS-REV-1545	REV	3662689	113	114	115	RTS_R4_-_1083
TSS-REV-1546	REV	3663855	84	85	88	RTS_R4_-_1084
TSS-REV-1547	REV	3663864	61	63	74	RTS_R4_-_1084
TSS-REV-1548	REV	3665631			34	RTS_R4_-_1085
TSS-REV-1549	REV	3667288		1	1	RTS_R4_-_1086
TSS-REV-1550	REV	3676403	18	20	25	RTS_R4_-_1087
TSS-REV-1551	REV	3677219	7	7	7	RTS_R4_-_1088
TSS-REV-1552	REV	3677250	5	5	5	RTS_R4_-_1088
TSS-REV-1553	REV	3680034	5	5	5	RTS_R4_-_1089
TSS-REV-1554	REV	3681519	12	12	12	RTS_R4_-_1090
TSS-REV-1555	REV	3681683	15	15	15	RTS_R4_-_1090
TSS-REV-1556	REV	3684213	3	3	4	RTS_R4_-_1091
TSS-REV-1557	REV	3684223	5	5	5	RTS_R4_-_1091

TSS-REV-1558	REV	3694252	102	103	107	RTS_R4_-_1092
TSS-REV-1559	REV	3694337	85	85	85	RTS_R4_-_1092
TSS-REV-1560	REV	3694346	108	108	108	RTS_R4_-_1092
TSS-REV-1561	REV	3694361	140	140	140	RTS_R4_-_1092
TSS-REV-1562	REV	3694387	1040	1040	1040	RTS_R4_-_1092
TSS-REV-1563	REV	3698295	4	4	4	RTS_R4_-_1093
TSS-REV-1564	REV	3698620	7	7	7	RTS_R4_-_1094
TSS-REV-1565	REV	3705731	33	33	33	RTS_R4_-_1095
TSS-REV-1566	REV	3705750	39	39	39	RTS_R4_-_1095
TSS-REV-1567	REV	3705826	55	55	55	RTS_R4_-_1095
TSS-REV-1568	REV	3705893	16	16	18	RTS_R4_-_1095
TSS-REV-1569	REV	3706715	1019	1442	2195	RTS_R4_-_1096
TSS-REV-1570	REV	3708608	3	3	3	RTS_R4_-_1097
TSS-REV-1571	REV	3711033	5	5	13	RTS_R4_-_1098
TSS-REV-1572	REV	3714451	3	3	3	RTS_R4_-_1099
TSS-REV-1573	REV	3714580	5	5	5	RTS_R4_-_1099
TSS-REV-1574	REV	3723377	407	407	407	RTS_R4_-_1101
TSS-REV-1575	REV	3723815			1	RTS_R4_-_1102
TSS-REV-1576	REV	3728830	8	8	9	RTS_R4_-_1103
TSS-REV-1577	REV	3730755	51	54	54	RTS_R4_-_1104
TSS-REV-1578	REV	3735265	260	260	260	RTS_R4_-_1105
TSS-REV-1579	REV	3740563	4	4	4	RTS_R4_-_1106
TSS-REV-1580	REV	3749066	2	2	2	RTS_R4_-_1107
TSS-REV-1581	REV	3749762	12	12	14	RTS_R4_-_1108
TSS-REV-1582	REV	3754558	6	7	22	RTS_R4_-_1109
TSS-REV-1583	REV	3754659	15	15	15	RTS_R4_-_1109
TSS-REV-1584	REV	3759323	147	148	148	RTS_R4_-_1110
TSS-REV-1585	REV	3760004	34	34	34	RTS_R4_-_1111
TSS-REV-1586	REV	3764114	8	8	15	RTS_R4_-_1112
TSS-REV-1587	REV	3765702	7	7	7	RTS_R4_-_1113
TSS-REV-1588	REV	3774469	19	52	56	RTS_R4_-_1115
TSS-REV-1589	REV	3780704	72	72	122	RTS_R4_-_1116
TSS-REV-1590	REV	3782183	413	413	414	RTS_R4_-_1117
TSS-REV-1591	REV	3782529	258	259	259	RTS_R4_-_1118
TSS-REV-1592	REV	3783077	1683	1685	1685	RTS_R4_-_1119
TSS-REV-1593	REV	3790746	12	12	12	RTS_R4_-_1120
TSS-REV-1594	REV	3791734	57	57	57	RTS_R4_-_1121
TSS-REV-1595	REV	3796838	159	159	159	RTS_R4_-_1122
TSS-REV-1596	REV	3799018	11	11	11	RTS_R4_-_1123
TSS-REV-1597	REV	3799105	10	10	10	RTS_R4_-_1123
TSS-REV-1598	REV	3799236	9	9	9	RTS_R4_-_1123
TSS-REV-1599	REV	3800527	71	71	71	RTS_R4_-_1124
TSS-REV-1600	REV	3800542	51	51	51	RTS_R4_-_1124
TSS-REV-1601	REV	3802583	32	32	32	RTS_R4_-_1125
TSS-REV-1602	REV	3803796	93	93	93	RTS_R4_-_1126
TSS-REV-1603	REV	3804755	20	20	20	RTS_R4_-_1127
TSS-REV-1604	REV	3806260	21	21	21	RTS_R4_-_1128
TSS-REV-1605	REV	3809198	19	32	33	RTS_R4_-_1129
TSS-REV-1606	REV	3809827	19386	19389	19389	RTS_R4_-_1130
TSS-REV-1607	REV	3809987	65	65	65	RTS_R4_-_1130
TSS-REV-1608	REV	3814579	16	17	17	RTS_R4_-_1131
TSS-REV-1609	REV	3826724	49	57	57	RTS_R4_-_1132
TSS-REV-1610	REV	3826788	88	88	89	RTS_R4_-_1132
TSS-REV-1611	REV	3838039	1441	1441	1442	RTS_R4_-_1133
TSS-REV-1612	REV	3839794	6	6	6	
TSS-REV-1613	REV	3850893	52	52	52	RTS_R4_-_1135
TSS-REV-1614	REV	3851039	83	83	87	RTS_R4_-_1136
TSS-REV-1615	REV	3851215			2	
TSS-REV-1616	REV	3851280			1	
TSS-REV-1617	REV	3854408	7	7	8	RTS_R4_-_1137
TSS-REV-1618	REV	3854437	6	7	9	RTS_R4_-_1137
TSS-REV-1619	REV	3865000		738	740	RTS_R4_-_1139
TSS-REV-1620	REV	3865032	9	3865	3868	RTS_R4_-_1139

TSS-REV-1621	REV	3865541	2	241	242	RTS_R4_-_1140
TSS-REV-1622	REV	3867318	4	7	7	RTS_R4_-_1141
TSS-REV-1623	REV	3873209	73	77	80	RTS_R4_-_1142
TSS-REV-1624	REV	3875000	176	177	180	RTS_R4_-_1143
TSS-REV-1625	REV	3875526	77	78	78	RTS_R4_-_1144
TSS-REV-1626	REV	3878175	179	185	186	RTS_R4_-_1145
TSS-REV-1627	REV	3879914	58	59	59	RTS_R4_-_1146
TSS-REV-1628	REV	3881901	15	19	19	RTS_R4_-_1147
TSS-REV-1629	REV	3891867	11	11	12	RTS_R4_-_1148
TSS-REV-1630	REV	3894662	44	44	44	RTS_R4_-_1149
TSS-REV-1631	REV	3909724	23	23	23	RTS_R4_-_1150
TSS-REV-1632	REV	3913244	2431	2432	2432	RTS_R4_-_1151
TSS-REV-1633	REV	3913348	133	133	133	RTS_R4_-_1151
TSS-REV-1634	REV	3920513	186	186	186	RTS_R4_-_1152
TSS-REV-1635	REV	3923686	20	22	22	RTS_R4_-_1153
TSS-REV-1636	REV	3923702	20	24	24	RTS_R4_-_1153
TSS-REV-1637	REV	3924499	50	50	50	RTS_R4_-_1154
TSS-REV-1638	REV	3925053	7	8	8	RTS_R4_-_1155
TSS-REV-1639	REV	3927702	5	5	5	RTS_R4_-_1156
TSS-REV-1640	REV	3927781	6	6	6	RTS_R4_-_1156
TSS-REV-1641	REV	3929153	43	44	45	RTS_R4_-_1157
TSS-REV-1642	REV	3939377	122	122	122	RTS_R4_-_1158
TSS-REV-1643	REV	3946015	10	11	11	RTS_R4_-_1159
TSS-REV-1644	REV	3955895	11	11	11	RTS_R4_-_1160
TSS-REV-1645	REV	3957862	20	21	21	RTS_R4_-_1161
TSS-REV-1646	REV	3958493	21	21	21	RTS_R4_-_1162
TSS-REV-1647	REV	3963691	79	82	84	RTS_R4_-_1163
TSS-REV-1648	REV	3984114	16	16	16	RTS_R4_-_1164
TSS-REV-1649	REV	3987236	68	74	75	RTS_R4_-_1165
TSS-REV-1650	REV	3987493	43	45	49	RTS_R4_-_1165
TSS-REV-1651	REV	3988812	24	26	26	RTS_R4_-_1166
TSS-REV-1652	REV	3992106	157	158	159	RTS_R4_-_1167
TSS-REV-1653	REV	4002748	29	30	32	RTS_R4_-_1168
TSS-REV-1654	REV	4007109	9	9	9	RTS_R4_-_1169
TSS-REV-1655	REV	4010878	37	56	58	RTS_R4_-_1170
TSS-REV-1656	REV	4014216	44	44	45	RTS_R4_-_1171
TSS-REV-1657	REV	4022866	23	23	23	RTS_R4_-_1172
TSS-REV-1658	REV	4029036	2	2	4	RTS_R4_-_1173
TSS-REV-1659	REV	4040165	49	50	50	RTS_R4_-_1174
TSS-REV-1660	REV	4044649	49	49	49	RTS_R4_-_1175
TSS-REV-1661	REV	4048811	49	51	51	RTS_R4_-_1176
TSS-REV-1662	REV	4048817	84	84	84	RTS_R4_-_1176
TSS-REV-1663	REV	4051800	517	522	529	RTS_R4_-_1177
TSS-REV-1664	REV	4056075	79	79	79	RTS_R4_-_1179
TSS-REV-1665	REV	4056101	390	394	395	RTS_R4_-_1179
TSS-REV-1666	REV	4056109	62	63	63	RTS_R4_-_1179
TSS-REV-1667	REV	4056129	54	59	59	RTS_R4_-_1179
TSS-REV-1668	REV	4079332	90	91	91	RTS_R4_-_1180
TSS-REV-1669	REV	4079351	183	183	183	RTS_R4_-_1180
TSS-REV-1670	REV	4079384	177	178	178	RTS_R4_-_1180
TSS-REV-1671	REV	4083953	43	51	77	RTS_R4_-_1181
TSS-REV-1672	REV	4083987	93	93	93	RTS_R4_-_1181
TSS-REV-1673	REV	4098605	3	3	3	RTS_R4_-_1182
TSS-REV-1674	REV	4098760	3	3	3	RTS_R4_-_1182
TSS-REV-1675	REV	4100760	2	2	2	RTS_R4_-_1183
TSS-REV-1676	REV	4103708	135	146	146	RTS_R4_-_1184
TSS-REV-1677	REV	4103751	47	48	49	RTS_R4_-_1184
TSS-REV-1678	REV	4109564	1765	1765	1767	RTS_R4_-_1185
TSS-REV-1679	REV	4109592	2258	2262	2263	RTS_R4_-_1185
TSS-REV-1680	REV	4109598	1950	1951	1951	RTS_R4_-_1185
TSS-REV-1681	REV	4110260	93	93	93	RTS_R4_-_1186
TSS-REV-1682	REV	4112520	32	32	32	RTS_R4_-_1187
TSS-REV-1683	REV	4113626	29	30	30	RTS_R4_-_1188

TSS-REV-1684	REV	4117379	358	364	367	RTS_R4_-_1190
TSS-REV-1685	REV	4118424	158	159	159	RTS_R4_-_1191
TSS-REV-1686	REV	4118430	187	187	187	RTS_R4_-_1191
TSS-REV-1687	REV	4120333	76	115	117	RTS_R4_-_1192
TSS-REV-1688	REV	4120371	713	822	825	RTS_R4_-_1192
TSS-REV-1689	REV	4122533	195	203	204	RTS_R4_-_1194
TSS-REV-1690	REV	4124857	24	28	28	RTS_R4_-_1195
TSS-REV-1691	REV	4126446	99	116	122	RTS_R4_-_1196
TSS-REV-1692	REV	4126488	124	127	129	RTS_R4_-_1196
TSS-REV-1693	REV	4126552	382	389	407	RTS_R4_-_1196
TSS-REV-1694	REV	4131790	8	8	9	RTS_R4_-_1197
TSS-REV-1695	REV	4146619	215	215	217	RTS_R4_-_1199
TSS-REV-1696	REV	4148374	16	16	16	RTS_R4_-_1200
TSS-REV-1697	REV	4151210	1144	1146	1147	RTS_R4_-_1201
TSS-REV-1698	REV	4152919	1000	1004	1004	RTS_R4_-_1202
TSS-REV-1699	REV	4153098	13	13	13	RTS_R4_-_1202
TSS-REV-1700	REV	4156365	3	6	14	RTS_R4_-_1203
TSS-REV-1701	REV	4158845	34	34	35	RTS_R4_-_1204
TSS-REV-1702	REV	4161318	6	7	7	RTS_R4_-_1205
TSS-REV-1703	REV	4173130	54	54	54	RTS_R4_-_1207
TSS-REV-1704	REV	4188551	251	251	251	RTS_R4_-_1208
TSS-REV-1705	REV	4194323	153	155	155	RTS_R4_-_1209
TSS-REV-1706	REV	4194398	148	148	148	RTS_R4_-_1209
TSS-REV-1707	REV	4194882	4	4	4	RTS_R4_-_1210
TSS-REV-1708	REV	4194977	1	1	1	RTS_R4_-_1210
TSS-REV-1709	REV	4199735	10	10	10	RTS_R4_-_1211
TSS-REV-1710	REV	4205593	793	794	794	RTS_R4_-_1212
TSS-REV-1711	REV	4212165	5	6	8	RTS_R4_-_1213
TSS-REV-1712	REV	4221675	22	23	23	RTS_R4_-_1214
TSS-REV-1713	REV	4228191	7	7	7	RTS_R4_-_1215
TSS-REV-1714	REV	4229722	17	17	17	RTS_R4_-_1216
TSS-REV-1715	REV	4231560	126	126	126	RTS_R4_-_1217
TSS-REV-1716	REV	4238277			1	RTS_R4_-_1218
TSS-REV-1717	REV	4244488	29	29	29	RTS_R4_-_1219
TSS-REV-1718	REV	4254658	36	36	37	RTS_R4_-_1220
TSS-REV-1719	REV	4258054	17	17	17	RTS_R4_-_1221
TSS-REV-1720	REV	4262317	54	55	60	RTS_R4_-_1222
TSS-REV-1721	REV	4262327	162	163	174	RTS_R4_-_1222
TSS-REV-1722	REV	4271914	6	6	6	RTS_R4_-_1223
TSS-REV-1723	REV	4273158	30	30	30	RTS_R4_-_1224
TSS-REV-1724	REV	4275432	55	60	66	RTS_R4_-_1225
TSS-REV-1725	REV	4275446	37	40	49	RTS_R4_-_1225
TSS-REV-1726	REV	4276089	7	15	348	RTS_R4_-_1226
TSS-REV-1727	REV	4285413	366	366	677	RTS_R4_-_1227
TSS-REV-1728	REV	4295172	6	6	6	RTS_R4_-_1228
TSS-REV-1729	REV	4297441	6	6	6	RTS_R4_-_1229
TSS-REV-1730	REV	4311039	60	60	60	RTS_R4_-_1230
TSS-REV-1731	REV	4313646	8	8	8	RTS_R4_-_1231
TSS-REV-1732	REV	4323744	6	6	6	RTS_R4_-_1232
TSS-REV-1733	REV	4323789			8	RTS_R4_-_1232
TSS-REV-1734	REV	4324818	70	72	72	RTS_R4_-_1233
TSS-REV-1735	REV	4332070	5	5	5	RTS_R4_-_1234
TSS-REV-1736	REV	4339673	4	4	9	RTS_R4_-_1235
TSS-REV-1737	REV	4347112	12	12	12	RTS_R4_-_1236
TSS-REV-1738	REV	4348570	37	37	37	RTS_R4_-_1237
TSS-REV-1739	REV	4349711	17	17	17	RTS_R4_-_1238
TSS-REV-1740	REV	4352820	159	160	160	RTS_R4_-_1239
TSS-REV-1741	REV	4353810	4	4	4	RTS_R4_-_1240
TSS-REV-1742	REV	4359983	15	15	15	
TSS-REV-1743	REV	4361353	20	22	44	RTS_R4_-_1242
TSS-REV-1744	REV	4363567	62	67	82	RTS_R4_-_1243
TSS-REV-1745	REV	4364954	54	88	141	RTS_R4_-_1244
TSS-REV-1746	REV	4366481	10	10	10	RTS_R4_-_1245

TSS-REV-1747	REV	4366576	9	9	9	RTS_R4_-_1245
TSS-REV-1748	REV	4368478	35	36	41	RTS_R4_-_1246
TSS-REV-1749	REV	4372334	14	14	14	
TSS-REV-1750	REV	4373707	51	51	51	RTS_R4_-_1247
TSS-REV-1751	REV	4373723	875	883	884	RTS_R4_-_1247
TSS-REV-1752	REV	4375769	20	20	28	RTS_R4_-_1248
TSS-REV-1753	REV	4377026	79	79	79	RTS_R4_-_1249
TSS-REV-1754	REV	4380421	50	55	59	RTS_R4_-_1250
TSS-REV-1755	REV	4380437	402	434	460	RTS_R4_-_1250
TSS-REV-1756	REV	4388446	210	210	210	RTS_R4_-_1251
TSS-REV-1757	REV	4389612	140	146	146	RTS_R4_-_1252
TSS-REV-1758	REV	4392071	22	23	24	RTS_R4_-_1253
TSS-REV-1759	REV	4414787	1	1	35	RTS_R4_-_1254
TSS-REV-1760	REV	4416493	23	27	27	RTS_R4_-_1255
TSS-REV-1761	REV	4416505	31	34	34	RTS_R4_-_1255
TSS-REV-1762	REV	4417675	14	15	15	RTS_R4_-_1256
TSS-REV-1763	REV	4417700	21	21	21	RTS_R4_-_1256
TSS-REV-1764	REV	4422866	38	39	74	RTS_R4_-_1257
TSS-REV-1765	REV	4425738	8	8	8	
TSS-REV-1766	REV	4426842	36	40	40	RTS_R4_-_1258
TSS-REV-1767	REV	4427737			7	RTS_R4_-_1259
TSS-REV-1768	REV	4427775	9	9	9	RTS_R4_-_1259
TSS-REV-1769	REV	4430032	2	2	2	RTS_R4_-_1260
TSS-REV-1770	REV	4431075	12	12	12	
TSS-REV-1771	REV	4431141	10	10	12	
TSS-REV-1772	REV	4431182	20	20	20	
TSS-REV-1773	REV	4432075	35	36	36	RTS_R4_-_1261
TSS-REV-1774	REV	4434652	30	31	31	RTS_R4_-_1262
TSS-REV-1775	REV	4437333			8	RTS_R4_-_1263
TSS-REV-1776	REV	4439273	5	5	5	RTS_R4_-_1264
TSS-REV-1777	REV	4439407	4	4	5	RTS_R4_-_1264
TSS-REV-1778	REV	4440285	141	143	146	RTS_R4_-_1265
TSS-REV-1779	REV	4447709	7865	7878	7880	RTS_R4_-_1266
TSS-REV-1780	REV	4453663	76	77	77	RTS_R4_-_1267
TSS-REV-1781	REV	4453669	68	68	70	RTS_R4_-_1267
TSS-REV-1782	REV	4455910	68	68	68	RTS_R4_-_1268
TSS-REV-1783	REV	4460853	10	10	10	RTS_R4_-_1269
TSS-REV-1784	REV	4465297	8	8	8	RTS_R4_-_1270
TSS-REV-1785	REV	4465303	6	6	6	RTS_R4_-_1270
TSS-REV-1786	REV	4468967	265	272	273	RTS_R4_-_1271
TSS-REV-1787	REV	4470574	139	140	140	RTS_R4_-_1272
TSS-REV-1788	REV	4471189	13	13	13	RTS_R4_-_1273
TSS-REV-1789	REV	4472082	3	3	3	RTS_R4_-_1274
TSS-REV-1790	REV	4476367	737	985	985	RTS_R4_-_1275
TSS-REV-1791	REV	4477592	91	91	91	RTS_R4_-_1276
TSS-REV-1792	REV	4481941	856	871	871	RTS_R4_-_1277
TSS-REV-1793	REV	4481950	106	106	106	RTS_R4_-_1277
TSS-REV-1794	REV	4482296	1	3	4	RTS_R4_-_1278
TSS-REV-1795	REV	4484124	124	125	126	RTS_R4_-_1279
TSS-REV-1796	REV	4484133	99	101	105	RTS_R4_-_1279
TSS-REV-1797	REV	4484159	171	171	171	RTS_R4_-_1279
TSS-REV-1798	REV	4488106	207	213	245	RTS_R4_-_1280
TSS-REV-1799	REV	4489571	3	3	3	RTS_R4_-_1281
TSS-REV-1800	REV	4489668	4	4	4	RTS_R4_-_1281
TSS-REV-1801	REV	4494256	50	52	66	RTS_R4_-_1282
TSS-REV-1802	REV	4497552	26	27	28	RTS_R4_-_1283
TSS-REV-1803	REV	4498527		1	1	RTS_R4_-_1284
TSS-REV-1804	REV	4501480	108	108	108	RTS_R4_-_1285
TSS-REV-1805	REV	4504927		1	1	RTS_R4_-_1286
TSS-REV-1806	REV	4506740		1	1	RTS_R4_-_1287
TSS-REV-1807	REV	4512624	22	22	22	RTS_R4_-_1288
TSS-REV-1808	REV	4516274	15	15	16	RTS_R4_-_1289
TSS-REV-1809	REV	4516286	21	21	21	RTS_R4_-_1289

TSS-REV-1810	REV	4518437	152	153	154	RTS_R4_-_1290
TSS-REV-1811	REV	4526043	1	1	2	RTS_R4_-_1291
TSS-REV-1812	REV	4529709			16	RTS_R4_-_1292
TSS-REV-1813	REV	4530385	33	35	35	RTS_R4_-_1293
TSS-REV-1814	REV	4531869	8	9	9	RTS_R4_-_1294
TSS-REV-1815	REV	4536784	25	25	25	RTS_R4_-_1295
TSS-REV-1816	REV	4549357	1	1	1	RTS_R4_-_1296
TSS-REV-1817	REV	4556259	5	5	5	RTS_R4_-_1297
TSS-REV-1818	REV	4556338	8	8	8	RTS_R4_-_1297
TSS-REV-1819	REV	4557566	10	10	10	RTS_R4_-_1298
TSS-REV-1820	REV	4557613	7	7	7	RTS_R4_-_1298
TSS-REV-1821	REV	4558769	5	5	5	RTS_R4_-_1299
TSS-REV-1822	REV	4565269	31	31	58	RTS_R4_-_1300
TSS-REV-1823	REV	4566662	20	20	20	RTS_R4_-_1301
TSS-REV-1824	REV	4566790	6	6	15	RTS_R4_-_1301
TSS-REV-1825	REV	4569656	2	2	2	RTS_R4_-_1302
TSS-REV-1826	REV	4577384	52	52	52	RTS_R4_-_1303
TSS-REV-1827	REV	4577938	5	5	5	RTS_R4_-_1304
TSS-REV-1828	REV	4581252	14	14	14	RTS_R4_-_1305
TSS-REV-1829	REV	4581296	21	21	21	RTS_R4_-_1305
TSS-REV-1830	REV	4581329	19	19	19	RTS_R4_-_1305
TSS-REV-1831	REV	4584833	116	116	116	RTS_R4_-_1306
TSS-REV-1832	REV	4587083	7	7	7	RTS_R4_-_1307
TSS-REV-1833	REV	4589376	3	3	3	RTS_R4_-_1308
TSS-REV-1834	REV	4593888	5	5	5	RTS_R4_-_1309
TSS-REV-1835	REV	4597516	70	72	72	RTS_R4_-_1310
TSS-REV-1836	REV	4599580	24	24	25	RTS_R4_-_1311
TSS-REV-1837	REV	4599620	35	35	35	RTS_R4_-_1311
TSS-REV-1838	REV	4600916	2	2	2	RTS_R4_-_1312
TSS-REV-1839	REV	4603716	384	384	392	RTS_R4_-_1313
TSS-REV-1840	REV	4604459	13	13	13	RTS_R4_-_1314
TSS-REV-1841	REV	4605745	137	138	138	RTS_R4_-_1315
TSS-REV-1842	REV	4615116	11	11	11	RTS_R4_-_1316
TSS-REV-1843	REV	4622833	2	2	2	RTS_R4_-_1317
TSS-REV-1844	REV	4628586	556	558	559	RTS_R4_-_1318
TSS-REV-1845	REV	4631787	59	61	61	RTS_R4_-_1319
TSS-REV-1846	REV	4631795	41	42	43	RTS_R4_-_1319
TSS-REV-1847	REV	4633376	130	135	157	RTS_R4_-_1320
TSS-REV-1848	REV	4638355	2556	2695	2886	RTS_R4_-_1321
TSS-REV-1849	REV	4638361	568	587	625	RTS_R4_-_1321
TSS-REV-1850	REV	4638442	602	602	604	RTS_R4_-_1321
TSS-REV-1851	REV	4638618	115	115	128	RTS_R4_-_1321
TSS-REV-1852	REV	4638703	68	71	75	RTS_R4_-_1321

Supplementary Table 5: Comparison of previously known transcription start sites (TSSs) to TSSs obtained from this study.

Abbreviations: D, detected; ND, not detected.

bnum	Promoter	Direction	TSS Position	Detection	Reads	Translation Start	5' UTR
b0001	thrL	+	148	D	3522	190	42
b0008	talB	+	8191	D	3136	8238	47
b0012	htgA	+	10643	ND		10830	187
b0012	htgA	+	10644	ND		10830	186
b0014	dnaK	+	12048	D	2226	12163	115
b0014	dnaK	+	12123	D	743	12163	40
b0014	dnaK	+	12144	D	2857	12163	19
b0019	nhaA	+	17317	D	2	17489	172
b0019	nhaA	+	17458	D	25	17489	31
b0025	ribF	+	21383	D	16	21407	24
b0026	ileS	+	21833	D	5	22391	558
b0026	ileS	+	22034	D	295	22391	357
b0026	ileS	+	22229	D	299	22391	162
b0027	lspA	+	25014	D	26	25207	193
b0031	dapB	+	28288	D	61	28374	86
b0031	dapB	+	28343	D	49	28374	31
b0032	carA	+	29551	D	27	29651	100
b0032	carA	+	29619	D	412	29651	32
b0034	caiF	+	34218	D	65	34300	82
b0041	fixA	+	42325	D	1	42403	78
b0065	yabI	+	71271	D	17	71351	80
b4577	sgrS	+	77367	D	13	77367	0
b0076	leuO	+	84188	ND		84368	180
b0077	ilvIH	+	85394	ND		85630	236
b0077	ilvIH	+	85420	ND		85630	210
b0077	ilvIH	+	85534	ND		85630	96
b0077	ilvIH	+	85597	D	13	85630	33
b0081	mraZ	+	89596	D	820	89634	38
b0082	mraW	+	90010	D	11	90094	84
b0083	ftsL	+	90688	D	92	91032	344
b0083	ftsL	+	91012	D	1	91032	20
b0093	ftsQ	+	102742	D	19	103155	413
b0093	ftsQ	+	102867	D	8	103155	288
b0094	ftsA	+	103561	D	2	103982	421
b0095	ftsZ	+	104636	D	9	105305	669
b0095	ftsZ	+	104693	D	6	105305	612
b0095	ftsZ	+	105045	ND		105305	260
b0096	lpxC	+	106508	D	210	106557	49
b0096	lpxC	+	106530	D	54	106557	27
b0113	pdhR	+	122034	D	162	122092	58
b0114	aceE	+	122970	D	2905	123017	47
b0116	lpd	+	127717	D	658	127912	195
b0118	acnB	+	131519	D	34	131615	96
b0118	acnB	+	131564	D	1	131615	51
b0119	yacL	+	134339	D	216	134388	49
b0125	hpt	+	141360	D	72	141431	71
b0149	mrcB	+	164721	D	4	164730	9
b0156	erpA	+	176561	D	1843	176610	49
b0160	dgt	+	179196	ND		179237	41
b0160	dgt	+	179214	D	1	179237	23
b0161	degP	+	180845	D	78	180884	39
b0162	cdaR	+	182447	ND		182463	16
b0169	rpsB	+	189711	D	108	189874	163
b0171	pyrH	+	191812	D	218	191855	43
b0174	ispU	+	194784	D	2	194903	119
b0174	ispU	+	194901	D	2	194903	2
b0176	rseP	+	196470	D	15	196546	76
b0177	bamA	+	197026	D	11	197928	902
b0177	bamA	+	197821	D	75	197928	107

b0179	lpxD	+	200455	D	1	200971	516
b0179	lpxD	+	200960	D	56	200971	11
b0185	accA	+	208411	D	221	208621	210
b0200	gmhB	+	222806	D	36	222833	27
b0209	yafD	+	231064	D	54	231122	58
b0240	crl	+	257810	D	456	257829	19
b0314	betT	+	328645	D	57	328687	42
b0315	yahA	+	331097	D	6	331595	498
b0315	yahA	+	331263	D	8	331595	332
b0329	yahO	+	345656	D	654	345708	52
b0336	codB	+	354108	D	472	354146	38
b0339	cynT	+	357997	D	1	358023	26
b0347	mhpA	+	367743	D	6	367835	92
b0365	tauA	+	384429	D	5	384456	27
b0377	sbmA	+	395777	D	3	395863	86
b0382	iraP	+	400543	D	148	400610	67
b0382	iraP	+	400587	D	73	400610	23
b0385	adrA	+	402911	D	5	402927	16
b0388	aroL	+	405504	D	26	405629	125
b0391	yaiE	+	407372	D	62	407401	29
b0401	brnQ	+	418712	D	3	418815	103
b0403	malZ	+	421719	D	21	421739	20
b0406	tgt	+	425279	D	205	425361	82
b0407	yajC	+	426429	D	533	426511	82
b0415	ribE	+	433728	D	1005	433871	143
b0426	yajQ	+	443882	D	622	443907	25
b0435	bolA	+	453573	D	9	453696	123
b0435	bolA	+	453658	D	1006	453696	38
b0436	tig	+	454217	D	504	454357	140
b0436	tig	+	454346	D	12	454357	11
b0437	clpP	+	455801	D	184	455901	100
b0437	clpP	+	455829	D	117	455901	72
b0437	clpP	+	455870	D	218	455901	31
b0438	clpX	+	456426	D	26	456650	224
b0439	lon	+	458039	D	3018	458112	73
b0440	hupB	+	460529	D	7	460675	146
b0440	hupB	+	460556	D	554	460675	119
b0440	hupB	+	460619	D	1568	460675	56
b0440	hupB	+	460666	D	41	460675	9
b0441	ppiD	+	461043	D	1	461139	96
b0441	ppiD	+	461062	ND		461139	77
b0465	kefA	+	485716	D	30	485760	44
b0469	apt	+	490534	D	109	490636	102
b0470	dnaX	+	491280	D	13	491316	36
b0471	ybaB	+	492933	ND		493300	367
b0473	htpG	+	494299	D	455	494344	45
b0473	htpG	+	494308	D	2752	494344	36
b0475	hemH	+	497255	D	90	497279	24
b4585	sroB	+	506428	D	376	506428	0
b0485	ybaS	+	510797	D	4	510865	68
b0505	allA	+	531614	D	3	531675	61
b0513	ybbY	+	539583	ND		539789	206
b0526	cysS	+	553800	D	54	553834	34
b0554	essD	+	576096	D	1	576621	525
b0572	cusC	+	594796	D	1	594823	27
b0576	pheP	+	601152	D	27	601182	30
b0591	entS	+	621476	ND		621523	47
b0591	entS	+	621481	D	37	621523	42
b0593	entC	+	624054	D	20	624108	54
b0597	ybdB	+	628515	ND		628523	8
b0598	cstA	+	629087	D	287	629117	30
b0598	cstA	+	629096	D	69	629117	21
b0605	ahpC	+	638144	D	9461	638168	24

b0606	ahpF	+	638225	D	59	638976	751
b0622	pagP	+	655749	D	2	655780	31
b0623	cspE	+	656473	D	741	656515	42
b0643	ybeL	+	674216	D	430	674241	25
b0679	nagE	+	703063	D	80	703167	104
b0680	glnS	+	705222	D	8	705316	94
b0680	glnS	+	705283	D	1366	705316	33
b0707	ybgA	+	738143	ND		738224	81
b0707	ybgA	+	738203	D	9	738224	21
b0708	phr	+	738644	ND		738730	86
b0710	ybgI	+	741842	D	18	742050	208
b0710	ybgI	+	742021	D	105	742050	29
b0721	sdhC	+	754181	D	64	754400	219
b0726	sucA	+	757809	D	4032	757929	120
b0733	cydA	+	770393	D	3	770681	288
b0733	cydA	+	770425	D	1	770681	256
b0733	cydA	+	770436	D	7	770681	245
b0733	cydA	+	770507	D	27	770681	174
b0733	cydA	+	770591	D	3	770681	90
b0750	nadA	+	781284	D	19	781308	24
b0754	aroG	+	784814	D	3697	784856	42
b0763	modA	+	794285	D	21	794312	27
b0781	moaA	+	816050	D	3	816267	217
b0781	moaA	+	816137	D	125	816267	130
b0782	moaB	+	817200	D	601	817278	78
b0791	ybhQ	+	823824	D	32	823853	29
b0814	ompX	+	849432	D	618	849673	241
b0814	ompX	+	849642	D	1175	849673	31
b0828	iaaA	+	865760	D	121	865791	31
b0842	cmr	+	882872	D	1	882896	24
b0850	ybjC	+	890115	D	6	890136	21
b0852	rimK	+	891099	D	1	891190	91
b0854	potF	+	892857	D	13	893007	150
b0866	ybjQ	+	903740	D	288	903816	76
b0882	clpA	+	922303	D	20	922487	184
b0882	clpA	+	922315	D	502	922487	172
b0882	clpA	+	922433	D	1831	922487	54
b0889	lrp	+	931551	D	30	931818	267
b0890	ftsK	+	932152	D	1	932447	295
b0890	ftsK	+	932361	D	18	932447	86
b0893	serS	+	938588	D	13	938651	63
b0894	dmsA	+	940046	D	4	940182	136
b0907	serC	+	956818	D	235	956876	58
b0910	cmk	+	960388	D	10	960424	36
b0911	rpsA	+	960940	D	126	961218	278
b0911	rpsA	+	961082	D	11	961218	136
b0912	ihfB	+	962972	D	8	963051	79
b0917	ycaR	+	969865	D	476	969896	31
b0919	ycbJ	+	970895	D	1	970975	80
b0925	ycbB	+	980154	D	4	980270	116
b0926	ycbK	+	982246	ND		982298	52
b0932	pepN	+	989814	D	125	989845	31
b0948	rlmL	+	1006895	D	52	1007067	172
b0950	pqiA	+	1010882	D	14	1011224	342
b0950	pqiA	+	1010889	D	2	1011224	335
b0956	ycbG	+	1017682	D	160	1017708	26
b0972	hyaA	+	1031207	D	6	1031362	155
b0980	appA	+	1039822	D	1	1039840	18
b1002	agp	+	1064782	D	99	1064808	26
b1013	rutR	+	1073336	D	2	1073465	129
b1013	rutR	+	1073357	ND		1073465	108
b1015	putP	+	1078391	D	16	1078528	137
b1015	putP	+	1078402	D	1	1078528	126

b1015	putP	+	1078408	D	4	1078528	120
b1015	putP	+	1078433	ND		1078528	95
b1015	putP	+	1078514	D	12	1078528	14
b4490	efeU	+	1080530	D	54	1080579	49
b1020	phoH	+	1084088	D	6	1084215	127
b1020	phoH	+	1084161	D	54	1084215	54
b1041	csgB	+	1103082	ND		1103174	92
b1046	ymdC	+	1105515	D	2	1105578	63
b1048	mdoG	+	1108480	D	47	1108558	78
b1048	mdoG	+	1108501	D	144	1108558	57
b1055	yceA	+	1115995	D	681	1116030	35
b1055	yceA	+	1116150	D	2	1116030	-120
b4418	psrD	+	1145812	D	48	1145812	0
b1088	yceD	+	1145872	D	249	1146017	145
b1088	yceD	+	1146014	D	474	1146017	3
b1089	rpmF	+	1146561	D	2	1146590	29
b1094	acpP	+	1150797	D	5111	1150838	41
b1101	ptsG	+	1156849	D	19	1157092	243
b1101	ptsG	+	1156989	D	2183	1157092	103
b1109	ndh	+	1165215	ND		1165308	93
b1127	pepT	+	1185046	D	5	1185067	21
b1136	icd	+	1194184	D	218	1194346	162
b1136	icd	+	1194231	D	109	1194346	115
b1179	ycgL	+	1226832	D	1	1226904	72
b1187	fadR	+	1234139	D	38	1234161	22
b1189	dadA	+	1236732	D	4	1236794	62
b1189	dadA	+	1236748	D	76	1236794	46
b1189	dadA	+	1236761	D	11	1236794	33
b1205	ychH	+	1257961	D	777	1258014	53
b1210	hemA	+	1262806	D	1	1262937	131
b1210	hemA	+	1262899	D	64	1262937	38
b1213	ychQ	+	1266122	ND		1266147	25
b1215	kdsA	+	1267077	D	8	1267388	311
b1218	chaC	+	1271645	D	150	1271730	85
b1220	ychO	+	1273171	ND		1273007	-164
b1223	narK	+	1277044	ND		1277180	136
b1223	narK	+	1277155	ND		1277180	25
b1235	rssB	+	1289443	D	5	1289465	22
b1252	tonB	+	1309078	D	155	1309113	35
b1256	ompW	+	1312015	D	35	1312044	29
b1266	trpH	+	1321212	D	25	1321244	32
b1274	topA	+	1328813	D	16	1329072	259
b1274	topA	+	1328849	D	17	1329072	223
b1274	topA	+	1328872	D	2	1329072	200
b1274	topA	+	1328907	D	4	1329072	165
b1274	topA	+	1329004	D	3	1329072	68
b1276	acnA	+	1333448	D	38	1333855	407
b1276	acnA	+	1333805	D	120	1333855	50
b1276	acnA	+	1333851	D	3	1333855	4
b1279	yciS	+	1338159	D	26	1338267	108
b1298	puuD	+	1359075	D	428	1359144	69
b1304	pspA	+	1366062	D	737	1366103	41
b1321	ycjX	+	1382093	D	94	1382141	48
b1323	tyrR	+	1384716	D	94	1384744	28
b1325	ycjG	+	1386898	D	20	1386954	56
b1342	ydaN	+	1406048	D	37	1406074	26
b4427	micC	+	1435145	ND		1435145	0
b1385	feaB	+	1445521	D	3	1445543	22
b1388	paaA	+	1451889	ND		1451951	62
b1399	paaX	+	1461533	D	21	1461563	30
b1415	aldA	+	1486214	D	163	1486256	42
b1421	trg	+	1490463	D	18	1490494	31
b1429	tehA	+	1498560	D	9	1498597	37

b1439	ydcR	+	1508002	D	23	1508027	25
b1452	yncE	+	1521251	D	1200	1521331	80
b1454	yncG	+	1524252	D	30	1524271	19
b1474	fdnG	+	1545396	ND		1545425	29
b1482	osmC	+	1554620	D	648	1554649	29
b1482	osmC	+	1554630	D	623	1554649	19
b1539	ydfG	+	1625515	D	293	1625541	26
b1540	ydfH	+	1626350	D	48	1626376	26
b1575	dicB	+	1647621	ND		1647633	12
b1583	ynfB	+	1653733	D	5	1653832	99
b1597	asr	+	1669351	D	15	1669400	49
b1601	tqsA	+	1671914	D	6	1671937	23
b1608	rstA	+	1680162	D	97	1680183	21
b1613	manA	+	1686575	D	64	1686600	25
b1614	ydgA	+	1687818	D	142	1687876	58
b1626	ydgK	+	1703231	D	54	1703274	43
b1627	rsxA	+	1703779	D	5	1703791	12
b1634	tppB	+	1710695	D	2	1710793	98
b1635	gst	+	1712351	D	6	1712401	50
b1641	slyB	+	1717772	D	420	1717900	128
b1641	slyB	+	1717801	D	3932	1717900	99
b1643	ydhI	+	1719022	D	7	1719049	27
b1649	ydhM	+	1724045	D	24	1724047	2
b1653	lhr	+	1726377	ND		1727111	734
b1656	sodB	+	1733347	D	2242	1733402	55
b1661	cfa	+	1739225	D	131	1739437	212
b1661	cfa	+	1739403	D	41	1739437	34
b1665	valV	+	1744439	D	1	1744459	20
b1676	pykF	+	1753624	D	91	1753722	98
b1676	pykF	+	1753687	D	638	1753722	35
b1677	lpp	+	1755320	ND		1755445	125
b1677	lpp	+	1755407	D	12457	1755445	38
b4431	rprA	+	1768396	D	472	1768396	0
b1704	aroH	+	1786342	D	128	1786459	117
b1704	aroH	+	1786408	D	63	1786459	51
b1723	pfkB	+	1804347	D	3	1804394	47
b1723	pfkB	+	1804375	D	114	1804394	19
b1727	yniC	+	1807350	D	138	1807404	54
b1732	katE	+	1811838	D	46	1811891	53
b1740	nadE	+	1820326	ND		1820482	156
b1757	ynjE	+	1837464	D	3	1837491	27
b1761	gdhA	+	1840332	D	604	1840395	63
b1779	gapA	+	1860550	D	96	1860795	245
b1779	gapA	+	1860621	D	18	1860795	174
b1779	gapA	+	1860642	D	407	1860795	153
b1779	gapA	+	1860759	D	3020	1860795	36
b1783	yeaG	+	1864789	D	2	1864932	143
b1789	yeaL	+	1872347	ND		1872376	29
b1814	sdaA	+	1894833	D	106	1894956	123
b1817	manX	+	1899957	D	126	1900072	115
b4432	ryeA	+	1921090	D	52	1921090	0
b1854	pykA	+	1935518	D	41	1935673	155
b1854	pykA	+	1935571	D	411	1935673	102
b1858	znuC	+	1940658	D	16	1940686	28
b1902	ftnB	+	1984799	ND		1984949	150
b1902	ftnB	+	1984823	D	7	1984949	126
b1907	tyrP	+	1987526	ND		1987705	179
b1907	tyrP	+	1987669	D	52	1987705	36
b1944	fliL	+	2017608	D	23	2017642	34
b1944	fliL	+	2017619	D	1	2017642	23
b1951	rcsA	+	2021860	D	1	2021992	132
b1967	hchA	+	2033654	D	61	2033859	205
b1967	hchA	+	2033804	D	117	2033859	55

b1973	yodA	+	2039370	D	2452	2039399	29
b1982	amn	+	2053055	D	29	2053085	30
b2000	flu	+	2069341	D	21	2069563	222
b2000	flu	+	2069498	D	202	2069563	65
b2000	flu	+	2069527	D	13	2069563	36
b2011	sbcB	+	2080752	D	144	2080780	28
b2018	hisL	+	2087988	D	682	2088020	32
b2022	hisB	+	2091384	D	18	2091492	108
b2063	yegH	+	2135887	D	4	2135926	39
b4438	ryeE	+	2165138	D	1515	2165136	-2
b2098	yegT	+	2176803	ND		2176843	40
b2114	metG	+	2192291	D	32	2192322	31
b2143	cdd	+	2229841	D	13	2229866	25
b2146	yeiT	+	2232011	D	21	2232055	44
b2159	nfo	+	2248828	D	88	2248862	34
b2163	yeiL	+	2253312	ND		2253377	65
b2175	spr	+	2267942	D	114	2268001	59
b2193	narP	+	2288444	D	8	2288522	78
b4439	micF	+	2311106	D	124	2311106	0
b2221	atoD	+	2321434	ND		2321469	35
b2234	nrdA	+	2342777	D	175	2342887	110
b2321	flk	+	2435934	ND		2435972	38
b2344	fadL	+	2459227	D	33	2459328	101
b2369	evgA	+	2481653	D	346	2481777	124
b2369	evgA	+	2481663	D	130	2481777	114
b2378	lpxP	+	2493600	ND		2493667	67
b2393	nupC	+	2511031	D	131	2511064	33
b2414	cysK	+	2530366	D	6	2530431	65
b2415	ptsH	+	2531520	D	3	2531786	266
b2415	ptsH	+	2531523	D	888	2531786	263
b2415	ptsH	+	2531529	D	182	2531786	257
b2415	ptsH	+	2531623	D	211	2531786	163
b2415	ptsH	+	2531630	D	8	2531786	156
b2417	crr	+	2533502	D	22	2533856	354
b2417	crr	+	2533632	D	49	2533856	224
b2419	yfeK	+	2535337	D	68	2535364	27
b2435	amiA	+	2550263	D	81	2550374	111
b2436	hemF	+	2551227	D	3	2551247	20
b2464	talA	+	2576592	ND		2576688	96
b2464	talA	+	2576610	D	3	2576688	78
b2464	talA	+	2576630	D	183	2576688	58
b2472	dapE	+	2589582	D	47	2589629	47
b2479	gcvR	+	2597901	D	116	2597928	27
b2480	bcp	+	2598459	D	115	2598500	41
b2481	hyfA	+	2599193	D	1	2599223	30
b2494	yfgC	+	2614048	D	1	2614116	68
b2494	yfgC	+	2614090	D	3	2614116	26
b2521	sseA	+	2650413	D	10	2650516	103
b2535	csiE	+	2663423	D	10	2663457	34
b2538	hcaE	+	2667004	D	1	2667054	50
b2552	hmp	+	2683819	D	195	2683857	38
b4608	ryfC	+	2698540	D	4	2698542	2
b2582	trxC	+	2716697	D	143	2716757	60
b2595	bamD	+	2733983	D	24	2734168	185
b2595	bamD	+	2734028	D	8	2734168	140
b2617	smpA	+	2751508	D	12	2751627	119
b2630	rnlA	+	2763928	D	187	2763940	12
b2631	yfjO	+	2764729	D	3	2765006	277
b2659	csiD	+	2786949	D	31	2787007	58
b2661	gabD	+	2788934	D	3	2789295	361
b2661	gabD	+	2789194	D	1	2789295	101
b2672	ygaM	+	2798143	D	233	2798156	13
b2673	nrdH	+	2798678	D	45	2798745	67

b2677	proV	+	2802585	D	5	2802837	252
b2677	proV	+	2802621	ND		2802837	216
b2677	proV	+	2802777	D	21	2802837	60
b2682	ygaZ	+	2807710	D	15	2807639	-71
b2684	mprA	+	2808769	D	21	2808792	23
b4442	micA	+	2812824	D	429	2812824	0
b2707	sriR	+	2826882	D	1	2827069	187
b2710	norV	+	2830461	D	3	2830498	37
b2726	hypA	+	2848649	ND		2848669	20
b2727	hypB	+	2848861	D	26	2849023	162
b2733	mutS	+	2855041	D	156	2855115	74
b2794	queF	+	2923343	D	30	2923370	27
b4443	gcvB	+	2940718	D	208	2940718	0
b2837	galR	+	2974591	D	61	2974621	30
b2866	xdhA	+	2998279	ND		2998367	88
b2895	fldB	+	3037844	D	99	3037877	33
b2898	ygfZ	+	3039304	D	419	3039335	31
b2911	ssrS	+	3053781	D	79	3054005	224
b2911	ssrS	+	3053996	D	11741	3054005	9
b2916	argP	+	3057752	D	9	3057775	23
b2936	yggG	+	3079914	D	3	3079935	21
b2942	metK	+	3084599	D	328	3084728	129
b2943	galP	+	3086277	D	149	3086306	29
b2954	rdgB	+	3094642	D	40	3094703	61
b2961	mutY	+	3100933	ND		3101035	102
b2961	mutY	+	3101010	D	8	3101035	25
b2962	yggX	+	3102015	D	103	3102115	100
b2964	nupG	+	3103673	D	38	3103736	63
b2980	glcC	+	3126228	D	28	3126294	66
b2989	yghU	+	3136722	D	74	3136749	27
b3009	yghB	+	3151551	D	41	3151585	34
b3012	dkgA	+	3154593	D	171	3154645	52
b3025	qseB	+	3167773	ND		3167850	77
b3025	qseB	+	3167823	D	5	3167850	27
b3055	htrG	+	3199064	D	21	3199229	165
b3055	htrG	+	3199126	ND		3199229	103
b3065	rpsU	+	3208668	D	821	3208803	135
b3065	rpsU	+	3208734	D	3784	3208803	69
b3067	rpoD	+	3210495	D	12	3211069	574
b3067	rpoD	+	3210659	D	1	3211069	410
b3067	rpoD	+	3210710	D	227	3211069	359
b3067	rpoD	+	3210715	D	2	3211069	354
b3071	yqjI	+	3214775	D	172	3214801	26
b3073	ygjG	+	3217480	D	14	3217516	36
b3075	ebgR	+	3219459	ND		3219488	29
b3087	ygjR	+	3235304	D	129	3235333	29
b3089	sstT	+	3237885	D	133	3237966	81
b3095	yqjA	+	3245570	D	20	3245795	225
b3095	yqjA	+	3245665	D	26	3245795	130
b3132	kbaZ	+	3276888	D	3	3276936	48
b3136	agaS	+	3279911	D	3	3279998	87
b3150	yraP	+	3294094	D	1	3294431	337
b3150	yraP	+	3294371	D	9	3294431	60
b3180	yhbY	+	3325781	D	69	3325812	31
b3196	yrbG	+	3338233	D	5	3338297	64
b3200	lptA	+	3341348	D	13	3341402	54
b3201	lptB	+	3341418	D	9	3341966	548
b3207	yrbL	+	3346443	D	41	3346474	31
b3233	yhcB	+	3378204	D	16	3378213	9
b3234	degQ	+	3378676	D	16	3378765	89
b3237	argR	+	3382624	D	19	3382725	101
b3237	argR	+	3382699	D	46	3382725	26
b3255	accB	+	3403162	D	1	3403458	296

b3257	yhdT	+	3405373	D	3	3405397	24
b3260	dusB	+	3408268	D	26	3408302	34
b3287	def	+	3431672	D	72	3431712	40
b3291	mscL	+	3436023	D	40	3436046	23
b3324	gspC	+	3453504	ND		3453600	96
b3324	gspC	+	3453549	D	2	3453600	51
b3324	gspC	+	3453553	D	3	3453600	47
b3355	prkB	+	3482333	ND		3482512	179
b3357	crp	+	3483975	D	123	3484142	167
b3357	crp	+	3484047	D	9	3484142	95
b3357	crp	+	3484053	D	2	3484142	89
b3364	tsgA	+	3490541	D	17	3490590	49
b3368	cysG	+	3495776	D	74	3495850	74
b3368	cysG	+	3495815	D	1	3495850	35
b3396	mrcA	+	3520848	D	19	3520893	45
b3400	hslR	+	3527132	D	73	3527370	238
b3403	pck	+	3530701	D	20	3530840	139
b3414	gntY	+	3543480	D	36	3543646	166
b3414	gntY	+	3543618	D	481	3543646	28
b3415	gntT	+	3544427	D	2	3544581	154
b3415	gntT	+	3544468	D	1	3544581	113
b3415	gntT	+	3544471	ND		3544581	110
b3418	malT	+	3551046	D	511	3551107	61
b3426	glpD	+	3559994	D	10	3560036	42
b3469	zntA	+	3604445	D	34	3604474	29
b3481	nikR	+	3616560	D	57	3616611	51
b3493	pitA	+	3635635	D	30	3635665	30
b3495	uspA	+	3638006	D	326	3638134	128
b3495	uspA	+	3638021	D	232	3638134	113
b3495	uspA	+	3638023	D	29	3638134	111
b3499	yhiR	+	3643373	D	3	3643408	35
b3501	arsR	+	3646535	D	2	3646551	16
b3511	hdeD	+	3654983	D	545	3655018	35
b3511	hdeD	+	3655034	D	20	3655018	-16
b3512	gadE	+	3656264	D	37	3656389	125
b3512	gadE	+	3656297	D	19	3656389	92
b3512	gadE	+	3656368	D	6	3656389	21
b4452	gadY	+	3662887	D	34	3662887	0
b4454	rdlD	+	3698159	D	12	3698159	0
b3555	yiaG	+	3717454	D	198	3717501	47
b3556	cspA	+	3717912	D	91	3718072	160
b3556	cspA	+	3717963	D	3	3718072	109
b3566	xyfF	+	3729092	D	1	3729154	62
b3569	xyfR	+	3732929	D	12	3733002	73
b3571	malS	+	3735493	D	3	3735520	27
b3572	avtA	+	3737697	D	57	3737728	31
b3575	yiaK	+	3740697	D	1	3740756	59
b3575	yiaK	+	3740743	ND		3740756	13
b3603	lldP	+	3775312	D	19	3775422	110
b3612	gpmM	+	3783258	D	806	3783283	25
b3619	rfaD	+	3791888	ND		3792010	122
b3619	rfaD	+	3791919	D	5	3792010	91
b3619	rfaD	+	3791962	D	2311	3792010	48
b3619	rfaD	+	3791993	D	27	3792010	17
b3633	waaA	+	3806539	D	38	3806563	24
b3639	dfp	+	3810726	D	9	3810754	28
b3655	yicH	+	3828454	D	43	3828480	26
b3680	yidL	+	3858276	D	1	3858276	0
b3688	yidQ	+	3865567	ND		3865751	184
b3703	rpmH	+	3882088	D	6	3882359	271
b3703	rpmH	+	3882134	D	22	3882359	225
b3703	rpmH	+	3882260	D	1227	3882359	99
b3707	tnaC	+	3886434	D	5	3886458	24

b3712	yieE	+	3891852	D	28	3891892	40
b3744	asnA	+	3925152	D	221	3925178	26
b3747	kup	+	3929126	ND		3929339	213
b3747	kup	+	3929204	D	2	3929339	135
b3747	kup	+	3929288	D	5	3929339	51
b3748	rbsD	+	3931345	D	223	3931374	29
b3766	ilvL	+	3948241	D	5	3948345	104
b3766	ilvL	+	3948313	D	1007	3948345	32
b3770	ilvE	+	3950411	D	329	3950507	96
b3774	ilvC	+	3955935	D	7252	3955993	58
b3782	rhoL	+	3964185	D	102	3964254	69
b4456	glmZ	+	3984455	D	795	3984455	0
b3806	cyaA	+	3988797	D	5	3989176	379
b3806	cyaA	+	3988813	D	2	3989176	363
b3806	cyaA	+	3989022	D	88	3989176	154
b3809	dapF	+	3992901	ND		3992785	-116
b3829	metE	+	4010907	D	4103	4011076	169
b3831	udp	+	4014414	D	261	4014454	40
b3844	fre	+	4024466	D	43	4024550	84
b3844	fre	+	4024508	D	2	4024550	42
b3847	pepQ	+	4029170	D	43	4029184	14
b3858	yihD	+	4040072	D	143	4040092	20
b3859	rdoA	+	4040414	D	107	4040438	24
b3860	dsbA	+	4041400	D	201	4041441	41
b3863	polA	+	4044963	D	786	4044989	26
b4457	csrC	+	4049059	D	4204	4049059	0
b3867	hemN	+	4049966	D	4	4050068	102
b3885	yihX	+	4073571	D	6	4073576	5
b3905	rhaS	+	4095734	ND		4095759	25
b4484	cpxP	+	4103808	D	74	4103843	35
b3916	pfkA	+	4105497	D	75	4105575	78
b3922	yjiS	+	4110892	D	2	4110990	98
b3936	rpmE	+	4124931	D	224	4125036	105
b3963	fabR	+	4159103	D	59	4159147	44
b3966	btuB	+	4161422	D	1	4161662	240
b3968	rrsB	+	4164390	ND		4164682	292
b3968	rrsB	+	4164507	ND		4164682	175
b3981	secE	+	4175200	D	2	4175381	181
b3983	rplK	+	4176377	D	2625	4176470	93
b3985	rplJ	+	4177646	D	38	4178019	373
b3987	rpoB	+	4179086	D	159	4179268	182
b3989	yjaZ	+	4187776	ND		4187809	33
b4000	hupA	+	4198199	D	376	4198304	105
b4013	metA	+	4212182	ND		4212303	121
b4013	metA	+	4212256	D	455	4212303	47
b4014	aceB	+	4213425	D	47	4213501	76
b4020	yjbB	+	4225625	D	110	4225754	129
b4025	pgi	+	4231745	D	655	4231781	36
b4030	psiE	+	4238323	D	1	4238348	25
b4042	dgkA	+	4254631	D	9	4254660	29
b4050	pspG	+	4260839	D	4	4260863	24
b4052	dnaB	+	4262306	D	137	4262337	31
b4053	alr	+	4263612	D	25	4263805	193
b4053	alr	+	4263675	ND		4263805	130
b4054	tyrB	+	4265105	D	26	4265137	32
b4056	yjbQ	+	4268237	D	145	4268261	24
b4063	soxR	+	4275470	D	8	4275492	22
b4090	rpiB	+	4311280	D	5	4311373	93
b4111	proP	+	4328343	D	13	4328525	182
b4111	proP	+	4328430	D	7	4328525	95
b4119	melA	+	4339910	D	5	4339934	24
b4140	fxsA	+	4366626	D	2	4366687	61
b4142	groS	+	4368639	D	1411	4368711	72

b4143	groL	+	4368806	ND		4369048	242
b4143	groL	+	4368896	D	6	4369048	152
b4143	groL	+	4368999	D	82	4369048	49
b4144	yjeI	+	4370784	D	652	4370832	48
b4411	ecnB	+	4374532	D	506	4374576	44
b4148	sugE	+	4374817	D	27	4374898	81
b4155	poxA	+	4380641	D	1	4380666	25
b4167	yjeF	+	4391700	D	16	4392089	389
b4167	yjeF	+	4391960	D	93	4392089	129
b4167	yjeF	+	4392058	D	54	4392089	31
b4170	mutL	+	4395069	D	4	4395435	366
b4170	mutL	+	4395123	ND		4395435	312
b4171	miaA	+	4397005	ND		4397275	270
b4171	miaA	+	4397075	D	20	4397275	200
b4172	hfq	+	4397824	D	1	4398311	487
b4172	hfq	+	4398243	D	54	4398311	68
b4177	purA	+	4402687	D	349	4402710	23
b4178	nsrR	+	4404067	D	5	4404213	146
b4187	aidB	+	4412270	D	21	4412298	28
b4193	ulaA	+	4417950	ND		4418003	53
b4200	rpsF	+	4423048	D	140	4423141	93
b4208	cycA	+	4427803	D	8	4427887	84
b4217	ytfK	+	4437534	D	40	4437610	76
b4235	pmbA	+	4455968	D	50	4455982	14
b4242	mgtA	+	4465303	D	1	4465648	345
b4242	mgtA	+	4465386	D	121	4465648	262
b4255	rraB	+	4476468	D	121	4476496	28
b4268	idnk	+	4492620	D	2	4492646	26
b4624	ryjB	+	4526000	D	84	4526000	0
b4312	fimB	+	4538690	D	3	4538980	290
b4312	fimB	+	4538832	D	11	4538980	148
b4313	fimE	+	4539894	D	2	4540060	166
b4314	fimA	+	4540717	ND		4541138	421
b4322	uxuA	+	4549541	D	26	4549659	118
b4625	symR	+	4577858	D	126	4577858	0
b4355	tsr	+	4589656	D	559	4589680	24
b4365	yjjQ	+	4601342	ND		4601500	158
b4372	holD	+	4605804	D	19	4605826	22
b4376	osmY	+	4609176	D	215	4609419	243
b4381	deoC	+	4614702	ND		4615346	644
b4381	deoC	+	4615301	D	51	4615346	45
b4383	deoB	+	4617590	D	32	4617626	36
b4388	serB	+	4622879	D	66	4622918	39
b4393	trpR	+	4630727	D	39	4630783	56
b4397	creA	+	4633266	D	1	4633544	278
b4400	creD	+	4636183	ND		4636201	18
b0023	rpsT	-	21120	D	5635	21078	42
b0023	rpsT	-	21210	D	7211	21078	132
b0050	apaG	-	52034	D	303	51606	428
b0051	ksgA	-	52588	D	132	52430	158
b0054	imp	-	57156	D	22	57109	47
b0054	imp	-	57241	D	528	57109	132
b0054	imp	-	57336	D	2	57109	227
b0059	hepA	-	63358	D	123	63264	94
b0059	hepA	-	63588	D	7	63264	324
b0063	araB	-	70075	D	2	70048	27
G0-9381	sroA	-	75608	D	12	75608	0
b0075	leuL	-	83735	D	712	83708	27
b0112	aroP	-	121650	D	179	121551	99
b0112	aroP	-	121671	D	37	121551	120
b0122	yacC	-	136940	D	19	136917	23
b0124	gcd	-	141263	D	10	141225	38
b0124	gcd	-	141279	ND		141225	54

b0126	can	-	142703	D	970	142670	33
b0140	ecpD	-	156214	D	1	156201	13
b0140	ecpD	-	156224	ND		156201	23
b0140	ecpD	-	156235	ND		156201	34
b0143	pcnB	-	159151	D	32	159126	25
b0143	pcnB	-	159171	D	134	159126	45
b0143	pcnB	-	159195	D	11	159126	69
b0145	dksA	-	160658	D	257	160604	54
b0145	dksA	-	160722	ND		160604	118
b0154	hemL	-	174921	D	6	174882	39
b0159	mtn	-	179183	D	180	179153	30
b0166	dapD	-	185977	D	612	185947	30
b0194	proS	-	218837	D	2568	218775	62
b0219	yafV	-	240216	D	4	240189	27
b0237	pepD	-	255737	D	1	255716	21
b0237	pepD	-	255776	D	1108	255716	60
b0237	pepD	-	255809	D	407	255716	93
b0252	yafZ	-	267250	ND		267229	21
b0292	matC	-	309300	ND		309250	50
b0292	matC	-	309343	ND		309250	93
b0313	betI	-	328585	D	7	328558	27
b0338	cynR	-	357933	D	8	357914	19
b0344	lacZ	-	365567	D	10	365529	38
b0344	lacZ	-	365582	ND		365529	53
b0344	lacZ	-	365589	ND		365529	60
b0344	lacZ	-	365601	D	2	365529	72
b0346	mhpR	-	367752	D	26	367644	108
b0376	ampH	-	395543	D	88	395511	32
b0376	ampH	-	395587	D	46	395511	76
b0386	proC	-	404910	D	275	404868	42
b0396	araJ	-	411753	D	6	411705	48
b0411	tsx	-	431315	D	104	431237	78
b0411	tsx	-	431469	D	1	431237	232
b0427	yajR	-	445911	D	8	445890	21
b0432	cyoA	-	450877	D	2993	450834	43
b0452	tesB	-	474425	D	20	474385	40
b0458	ylaC	-	478512	D	50	478475	37
b0461	ybaJ	-	480018	D	75	479932	86
b0462	acrB	-	483909	ND		483627	282
b0476	aeS	-	499275	ND		499197	78
b0478	ybaL	-	502519	D	10	502462	57
b0484	copA	-	510635	D	2761	510603	32
b0492	ybbN	-	517714	ND		517503	211
b0504	allS	-	531524	ND		531445	79
b0529	folD	-	557004	D	73	556964	40
b0553	nmpC	-	576093	D	84	573809	2284
b0557	borD	-	578144	D	1355	578116	28
b0565	ompT	-	584888	D	116732	584856	32
b0571	cusR	-	594685	D	2	594666	19
b0590	fepD	-	621415	D	3	621412	3
b0592	fepB	-	623950	D	80	623733	217
b0607	uspG	-	641126	D	131	641090	36
b0611	rna	-	644257	D	124	644226	31
b0621	dcuC	-	655306	ND		655191	115
b0628	lipA	-	659524	D	13	659439	85
b0631	ybeD	-	661929	D	316	661865	64
b0637	ybeB	-	668295	D	54	668259	36
GO-9383	sroC	-	686066	D	291	686066	0
b0660	ybeZ	-	692692	D	354	692601	91
b0675	nagD	-	699575	D	41	699549	26
b0676	nagC	-	701088	D	42	700817	271
b0676	nagC	-	701231	D	1	700817	414
b0677	nagA	-	702398	D	7	701974	424

b0678	nagB	-	702931	D	119	702834	97
b0683	fur	-	709939	D	1628	709869	70
b0683	fur	-	709946	D	190	709869	77
b0683	fur	-	710052	D	320	709869	183
b0684	fldA	-	710744	D	479	710688	56
b0691	ybfH	-	715864	D	1	715820	44
b0720	gltA	-	753893	D	2233	753691	202
b0720	gltA	-	753990	D	404	753691	299
b0759	galE	-	791304	D	93	791278	26
b0759	galE	-	791400	ND		791278	122
b0772	ybhC	-	806544	D	602	806504	40
b0811	glnH	-	847270	D	15	847227	43
b0811	glnH	-	847421	D	7	847227	194
b0812	dps	-	848173	D	13391	848134	39
b0827	moeA	-	865617	D	51	865587	30
b0835	yliG	-	877293	D	105	877258	35
b0838	yliJ	-	879742	D	307	879703	39
b0841	ybjG	-	882731	D	4	882611	120
b4417	rybB	-	887280	D	638	887277	3
b0849	grxA	-	889999	D	68	889976	23
b0860	artJ	-	899849	D	619	899798	51
b0864	artP	-	902992	D	150	902957	35
b0864	artP	-	903038	D	1	902957	81
b0864	artP	-	903059	D	1	902957	102
b0864	artP	-	903066	D	61	902957	109
b0865	ybjP	-	903746	D	100	903690	56
b0870	ltaE	-	908543	D	169	908517	26
b0871	poxB	-	910299	D	69	910272	27
b0873	hcp	-	913068	ND		913037	31
b0873	hcp	-	913352	ND		913037	315
b0877	ybjX	-	918326	D	396	918343	-17
b0880	cspD	-	921899	D	498	921813	86
b0884	infA	-	925702	D	2026	925666	36
b0884	infA	-	925908	D	9	925666	242
b0887	cydD	-	930254	ND		930185	69
b0888	trxB	-	931301	D	415	931273	28
b0903	pflB	-	952802	D	294	952777	25
b0903	pflB	-	952864	D	352	952777	87
b0903	pflB	-	952964	D	861	952777	187
b0903	pflB	-	953074	ND		952777	297
b0903	pflB	-	953148	D	54	952777	371
b0904	focA	-	953716	D	20	953689	27
b0904	focA	-	953726	D	12	953689	37
b0904	focA	-	954037	ND		953689	348
b0905	ycaO	-	954095	ND		955855	-1760
b0928	aspC	-	984966	D	427	984932	34
b0930	asnS	-	988267	D	102	988208	59
b0931	pncB	-	989637	D	32	989579	58
b0937	ssuE	-	996786	D	8	996735	51
b0957	ompA	-	1019410	D	40	1019276	134
b0957	ompA	-	1019414	D	34	1019276	138
b0958	sulA	-	1020170	D	46	1020142	28
b0963	mgsA	-	1026264	D	181	1026238	26
b0970	yccA	-	1030666	D	3107	1030641	25
b0995	torR	-	1057207	D	120	1057177	30
b1000	cbpA	-	1063056	D	282	1062998	58
b1004	wrbA	-	1066981	D	2025	1066931	50
b1014	putA	-	1078148	D	15	1078105	43
b1024	pgaA	-	1091746	D	2	1091512	234
b1040	csgD	-	1102558	D	5	1102419	139
b1040	csgD	-	1102567	D	64	1102419	148
b1051	msyB	-	1113436	D	771	1113404	32
b1054	lpxL	-	1115932	D	9	1115805	127

b1057	yceJ	-	1118294	D	1	1118269	25
b1059	solA	-	1119832	D	93	1119809	23
b1060	bssS	-	1120243	D	10	1120178	65
b1060	bssS	-	1120255	D	111	1120178	77
b1060	bssS	-	1120281	ND		1120178	103
b1062	pyrC	-	1121866	D	67	1121830	36
b1084	rne	-	1143547	D	1	1143590	-43
b1084	rne	-	1143644	D	2	1143590	54
b1084	rne	-	1143951	D	1	1143590	361
b1084	rne	-	1143985	ND		1143590	395
b1084	rne	-	1144096	D	21	1143590	506
b1113	ycfS	-	1169640	D	43	1169597	43
b1114	mfd	-	1173215	D	71	1173187	28
b1114	mfd	-	1173251	D	279	1173187	64
b1130	phoP	-	1189706	D	48	1189670	36
b1130	phoP	-	1189714	D	31	1189670	44
b1130	phoP	-	1189731	D	2	1189670	61
b1160	elbA	-	1211313	ND		1211226	87
b1162	ycgE	-	1213336	D	73	1213282	54
b1182	hlyE	-	1229689	D	2	1229617	72
b1188	ycgB	-	1236508	D	2	1236464	44
b1197	treA	-	1246648	D	34	1246599	49
b1203	ychF	-	1257105	D	570	1257035	70
b1204	pth	-	1257765	D	141	1257736	29
b1231	tyrT	-	1286888	D	9	1286845	43
b1233	ychJ	-	1288400	D	109	1288355	45
b1237	hns	-	1292181	D	1704	1292145	36
b1241	adhE	-	1297532	D	4	1297344	188
b1241	adhE	-	1297636	D	5	1297344	292
b1249	cls	-	1306691	D	50	1306669	22
b1251	yciI	-	1308916	D	1048	1308889	27
b1262	trpC	-	1317968	ND		1317809	159
b1277	ribA	-	1337214	D	117	1337184	30
b1277	ribA	-	1337258	D	1	1337184	74
b1283	osmB	-	1341393	D	122	1341352	41
b1283	osmB	-	1341500	D	31	1341352	148
b4596	yciZ	-	1342662	D	32	1342633	29
b1285	gmr	-	1344867	D	32	1344766	101
b1286	rnb	-	1346968	D	117	1346936	32
b1286	rnb	-	1347153	D	23	1346936	217
b1288	fabI	-	1348903	D	4	1349063	-160
b1288	fabI	-	1349142	D	94	1349063	79
b1303	pspF	-	1365953	D	2	1365936	17
b1303	pspF	-	1365969	D	16	1365936	33
b1303	pspF	-	1366064	ND		1365936	128
b1324	tpx	-	1386868	D	2078	1386835	33
b1330	ynaI	-	1393997	ND		1393946	51
b1333	uspE	-	1396683	D	668	1396646	37
b1376	uspF	-	1433665	D	143	1433643	22
b1379	hslJ	-	1439804	D	55	1439767	37
b1380	ldhA	-	1440939	D	122	1440867	72
b1387	maoC	-	1451694	ND		1451666	28
b4597	rydC	-	1489530	D	42	1489530	0
b1453	ansP	-	1524035	D	6	1524004	31
b1453	ansP	-	1524044	ND		1524004	40
b1466	narW	-	1536711	ND		1535333	1378
b1480	sra	-	1554070	D	60	1553987	83
b1481	bdm	-	1554364	D	1	1554304	60
b1493	gadB	-	1570096	D	331	1570069	27
b1508	hipB	-	1590506	D	16	1590466	40
b1529	marC	-	1616965	D	8	1616932	33
b1535	ydeH	-	1621901	D	10	1621874	27
b1535	ydeH	-	1621903	ND		1621874	29

b1550	gnsB	-	1635870	D	344	1635806	64
b1552	cspI	-	1636836	D	1	1636691	145
b1564	relB	-	1643927	D	556	1643896	31
b1594	dgsA	-	1666615	D	5	1666588	27
b1594	dgsA	-	1666627	D	49	1666588	39
b1611	fumC	-	1684733	ND		1684612	121
b1612	fumA	-	1686464	D	2507	1686401	63
b1617	uidA	-	1694176	ND		1694095	81
b1619	hdhA	-	1696146	D	48	1696064	82
b1637	tyrS	-	1715293	ND		1715246	47
b1637	tyrS	-	1715307	D	93	1715246	61
b1638	pdxH	-	1716058	D	36	1716031	27
b1646	sodC	-	1722703	D	48	1722679	24
b1664	ydhQ	-	1744226	D	9	1744151	75
b1674	ydhY	-	1752666	D	1	1752501	165
b1684	sufA	-	1762442	D	208	1762410	32
b1696	ydiP	-	1777352	D	5	1777325	27
b1702	pps	-	1785185	D	81	1785136	49
b1706	ydiU	-	1789278	D	313	1789268	10
b1712	ihfA	-	1793745	D	100	1793576	169
b1715	pheM	-	1797325	D	41	1797294	31
b1716	rplT	-	1797787	D	21	1797773	14
b1717	rpmI	-	1798451	D	111	1798023	428
b1718	infC	-	1798842	D	38	1798662	180
b1718	infC	-	1799370	D	49	1798662	708
b1719	thrS	-	1800757	D	268	1800594	163
b1726	yniB	-	1807287	D	26	1807257	30
b1738	chbB	-	1819750	D	11	1819643	107
b1739	osmE	-	1820307	D	2301	1820280	27
b1742	ves	-	1823008	D	21	1822961	47
b1743	spy	-	1823712	D	21	1823649	63
b1748	astC	-	1830063	D	12	1830006	57
b1748	astC	-	1830068	ND		1830006	62
b1782	mipA	-	1864530	D	182	1864496	34
b1797	yeaR	-	1878018	ND		1877972	46
G0-9384	sroD	-	1886126	D	13	1886126	0
b1805	fadD	-	1887831	D	102	1887770	61
b1806	yeaY	-	1888585	D	10	1888556	29
b1816	yoaE	-	1899796	D	22	1899609	187
b1824	yobF	-	1905641	D	1590	1905615	26
b1826	mgrB	-	1906816	D	65	1906790	26
b1829	htpX	-	1910642	D	1010	1910600	42
b1838	pphA	-	1921409	D	1	1920993	416
b1845	ptrB	-	1926889	D	24	1926863	26
b1846	yebE	-	1927756	D	26	1927731	25
b1850	eda	-	1930808	D	55	1930780	28
b1850	eda	-	1930823	D	51	1930780	43
b1850	eda	-	1931133	D	3	1930780	353
b1851	edd	-	1932737	D	14	1932628	109
b1852	zwf	-	1934400	D	677	1934338	62
b1861	ruvA	-	1944040	D	62	1944000	40
b1861	ruvA	-	1944048	D	2	1944000	48
b1866	aspS	-	1948641	D	1047	1948546	95
b1866	aspS	-	1948725	ND		1948546	179
b1874	cutC	-	1957010	ND		1957290	-280
b1886	tar	-	1970740	D	171	1970715	25
b1892	flhD	-	1976419	D	7	1976221	198
b1894	insA-5	-	1977250	ND		1977239	11
b1896	otsA	-	1979675	D	125	1979636	39
b1897	otsB	-	1980489	ND		1980411	78
b1901	araF	-	1984262	ND		1984152	110
b1919	dcyD	-	1997532	D	181	1997504	28
b1922	fliA	-	1999832	D	21	1999813	19

b1922	fliA	-	1999843	D	126	1999813	30
b1923	fliC	-	2001700	D	951	2001630	70
b1987	cbl	-	2058965	D	48	2058938	27
b1988	nac	-	2060002	D	3	2059957	45
b1993	cobU	-	2063898	ND		2063788	110
b1993	cobU	-	2063996	ND		2063788	208
b1997	insC-3	-	2068232	ND		2068249	-17
b2009	sbmC	-	2079327	D	8	2079286	41
b2009	sbmC	-	2079349	D	16	2079286	63
b2013	yeeE	-	2083576	D	24	2083549	27
b2029	gnd	-	2099348	D	462	2099292	56
b2042	galF	-	2112375	D	109	2112351	24
b2062	wza	-	2135217	ND		2135267	-50
b2062	wza	-	2135607	ND		2135267	340
b2068	alkA	-	2145583	D	11	2145564	19
b2095	gatZ	-	2174454	D	827	2174343	111
b2096	gatY	-	2175256	D	3817	2175226	30
b2097	fbaB	-	2176689	ND		2176586	103
b2104	thiM	-	2183473	D	29	2183323	150
b2131	osmF	-	2217545	D	109	2217503	42
b2150	mgIB	-	2238588	D	3	2238370	218
b2151	galS	-	2239732	D	7	2239690	42
b2155	cirA	-	2244951	D	16	2244791	160
b2155	cirA	-	2244964	ND		2244791	173
b2156	lysP	-	2246582	D	95	2246554	28
b2162	rihB	-	2253274	ND		2253208	66
b2208	napF	-	2301596	D	1	2301519	77
b2208	napF	-	2301599	ND		2301519	80
b2208	napF	-	2301717	ND		2301519	198
b2213	ada	-	2308449	D	1	2308427	22
b2215	ompC	-	2310850	D	16	2310771	79
b2215	ompC	-	2310852	D	36	2310771	81
b2215	ompC	-	2310886	D	16	2310771	115
b2215	ompC	-	2310909	D	9	2310771	138
b2237	inaA	-	2347521	D	28	2347494	27
b2249	yfaY	-	2361677	D	12	2361655	22
b2288	nuoA	-	2403184	D	113	2403094	90
b2288	nuoA	-	2403357	ND		2403094	263
b2309	hisJ	-	2424859	D	628	2424810	49
b2313	cvpA	-	2428792	D	5	2428785	7
b2313	cvpA	-	2428822	D	14	2428785	37
b2316	accD	-	2432037	D	544	2431948	89
b2319	usg	-	2434912	D	2	2434671	241
b2320	pdxB	-	2435906	D	69	2435873	33
b2340	sixA	-	2455021	D	7	2454834	187
b2343	yfcZ	-	2459001	D	487	2458956	45
b2346	vacJ	-	2463157	D	128	2463029	128
b2368	emrK	-	2481470	D	1	2481361	109
b2388	glk	-	2507469	D	20	2507448	21
b2388	glk	-	2507484	D	36	2507448	36
b2400	gltX	-	2518752	D	186	2518694	58
b2400	gltX	-	2518798	D	66	2518694	104
b2400	gltX	-	2518806	D	15	2518694	112
b2405	xapR	-	2520527	D	4	2520499	28
b2405	xapR	-	2520585	ND		2520499	86
b2407	xapA	-	2522932	D	4	2522900	32
b2411	ligA	-	2528223	ND		2528198	25
b2418	pdxK	-	2535341	D	1	2535259	82
b2426	ucpA	-	2542686	D	157	2542645	41
b2426	ucpA	-	2542693	D	25	2542645	48
b2432	yfeY	-	2549265	D	16	2549238	27
b2477	bamC	-	2597036	D	5	2596887	149
b2478	dapA	-	2597806	D	354	2597782	24

b2498	upp	-	2618931	D	1771	2618894	37
b2508	guaB	-	2632129	D	8663	2632092	37
b2512	bamB	-	2636997	D	14	2636674	323
b2513	yfgM	-	2637392	D	63	2637305	87
b2513	yfgM	-	2637424	D	1	2637305	119
b2513	yfgM	-	2637455	D	5	2637305	150
b2514	hisS	-	2638664	D	4	2638597	67
b2520	yfhM	-	2650346	D	4	2650309	37
b2526	hscA	-	2657014	D	196	2656957	57
b2531	iscR	-	2660220	D	76	2660153	67
b2532	trmJ	-	2661292	ND		2661345	-53
b2537	hcaR	-	2666986	ND		2666918	68
b2551	glyA	-	2683596	D	1335	2683529	67
b2553	glnB	-	2685463	D	303	2685430	33
b2553	glnB	-	2685548	D	162	2685430	118
b4441	glmY	-	2689362	D	300	2689362	0
b2564	pdxJ	-	2699835	D	61	2699751	84
b2567	rnc	-	2702245	D	50	2702085	160
b2569	lepA	-	2705218	D	27	2705146	72
b2572	rseA	-	2707654	D	82	2707426	228
b2573	rpoE	-	2708109	D	24	2708034	75
b2573	rpoE	-	2708208	D	2	2708034	174
b2579	yfiD	-	2714545	D	2461	2714471	74
b2592	clpB	-	2732227	D	3582	2732195	32
b4609	ryfD	-	2732317	D	1038	2732317	0
b2601	aroF	-	2739223	D	30	2739172	51
b2609	rpsP	-	2744276	D	3465	2744207	69
b2610	ffh	-	2745875	D	394	2745817	58
b2614	grpE	-	2748769	D	3716	2748730	39
b2669	stpA	-	2796558	D	315	2796517	41
b2669	stpA	-	2796578	D	37	2796517	61
b2669	stpA	-	2796600	D	6	2796517	83
b2696	csrA	-	2817295	D	447	2817168	127
b2697	alaS	-	2820112	D	3061	2820033	79
b2700	ygaD	-	2822416	D	1	2822368	48
b2709	norR	-	2830329	D	31	2830311	18
b2713	hydN	-	2836154	D	1	2836127	27
b2725	hycA	-	2848483	D	1	2848457	26
b2732	ygbA	-	2854850	ND		2854828	22
b2735	ygbI	-	2859278	D	311	2859286	-8
b2741	rpoS	-	2865589	D	37	2865573	16
b2741	rpoS	-	2865629	D	4	2865573	56
b2741	rpoS	-	2865676	D	49	2865573	103
b2741	rpoS	-	2865746	D	11	2865573	173
b2741	rpoS	-	2866140	D	223	2865573	567
b2742	nlpD	-	2866804	D	17	2866775	29
b2742	nlpD	-	2866851	D	11	2866775	76
b2744	surE	-	2868708	D	2	2868296	412
b2752	cysD	-	2874390	D	683	2874351	39
b2754	ygbF	-	2876937	D	3	2876875	62
b2779	eno	-	2906039	D	6972	2905963	76
b2779	eno	-	2906696	D	1	2905963	733
b2779	eno	-	2906724	D	1	2905963	761
b2779	eno	-	2906868	D	1	2905963	905
b2780	pyrG	-	2907735	D	105	2907688	47
b2783	chpR	-	2909377	D	20	2909361	16
b2783	chpR	-	2909390	D	56	2909361	29
b2784	relA	-	2911851	D	15	2911673	178
b2784	relA	-	2912299	D	1	2911673	626
b2785	rumA	-	2913065	ND		2913022	43
b4408	csrB	-	2922546	D	382	2922537	9
b2808	gcvA	-	2940661	D	95	2940589	72
b2821	ptrA	-	2957033	D	11	2956906	127

b2822	recC	-	2960529	D	2	2960450	79
b4444	omrA	-	2974211	D	14	2974211	0
b4445	omrB	-	2974407	D	9	2974407	0
b2841	araE	-	2980230	D	14	2980204	26
b2869	ygeV	-	3003869	D	3	3003808	61
b2893	dsbC	-	3036856	D	36	3036844	12
b2893	dsbC	-	3037655	ND		3036844	811
b2894	xerD	-	3037873	D	5	3037765	108
b2897	ygfY	-	3039121	D	73	3039092	29
b2905	gcvT	-	3048794	D	283	3048689	105
b2913	serA	-	3056478	D	57	3056432	46
b2913	serA	-	3056571	ND		3056432	139
b2914	rpiA	-	3057375	D	317	3057347	28
b2922	yggE	-	3066148	D	680	3066102	46
b2922	yggE	-	3066207	ND		3066102	105
b2923	argO	-	3066858	D	7	3066830	28
b2924	mscS	-	3067893	D	670	3067829	64
b2926	pgk	-	3070879	D	168	3070644	235
b2927	epd	-	3071845	D	200	3071713	132
b2935	tkkA	-	3079729	D	788	3079657	72
b2958	yggN	-	3099662	D	1	3099645	17
b2958	yggN	-	3099766	D	7	3099645	121
b2958	yggN	-	3099820	D	50	3099645	175
b2970	yghF	-	3110921	D	2	3110942	-21
b2979	glcD	-	3126098	D	4	3126043	55
b2988	gsp	-	3136632	D	3	3136544	88
b2997	hybO	-	3144385	D	13	3144283	102
b3041	ribB	-	3182740	D	9	3182488	252
b3049	glgS	-	3190024	D	343	3189961	63
b3049	glgS	-	3190034	D	1	3189961	73
b3057	bacA	-	3202197	D	34	3202153	44
b3118	tdcA	-	3265115	ND		3265087	28
b3123	rnpB	-	3268614	D	47	3268614	0
b3131	agaR	-	3276725	D	65	3276687	38
b3157	yhbT	-	3299323	D	153	3299298	25
b3157	yhbT	-	3299390	D	1	3299298	92
b3161	mtr	-	3303882	D	17	3303839	43
b3161	mtr	-	3303954	D	3	3303839	115
b3164	pnp	-	3309348	ND		3309190	158
b3165	rpsO	-	3309808	D	294	3309706	102
b3170	yhbC	-	3316197	D	16	3316034	163
b3171	metY	-	3316319	D	1143	3316311	8
b3171	metY	-	3316397	D	155	3316311	86
b3175	secG	-	3320609	D	40	3320527	82
b3175	secG	-	3320612	D	70	3320527	85
b3179	rrmJ	-	3325753	D	147	3325686	67
b3179	rrmJ	-	3325782	ND		3325686	96
b3181	greA	-	3326874	D	78	3326737	137
b3210	arcB	-	3351071	D	13	3351047	24
b3225	nanA	-	3371642	D	28	3371598	44
b3251	mreB	-	3399151	D	132	3399109	42
b3251	mreB	-	3399215	D	816	3399109	106
b3251	mreB	-	3399378	ND		3399109	269
b3278	rrsD	-	3426962	D	3	3426784	178
b3278	rrsD	-	3427069	D	23	3426784	285
b4473	smf	-	3431708	ND		3431582	126
b3293	yhdN	-	3437568	D	8	3437531	37
b3298	rpsM	-	3440517	D	175	3440493	24
b3298	rpsM	-	3440587	D	3034	3440493	94
b3310	rplN	-	3446244	D	282	3446171	73
b3321	rpsJ	-	3451464	D	131	3451292	172
b3323	gspA	-	3453517	ND		3453420	97
b3323	gspA	-	3453532	ND		3453420	112

b3323	gspA	-	3453541	ND		3453420	121
b3323	gspA	-	3453656	ND		3453420	236
b3338	chiA	-	3467918	ND		3467875	43
b3340	fusA	-	3471707	D	6	3471536	171
b3342	rpsL	-	3472643	D	1027	3472574	69
b3346	yheO	-	3474528	D	12	3474462	66
b3346	yheO	-	3474563	D	14	3474462	101
b3347	fkpA	-	3475521	D	4	3475441	80
b3347	fkpA	-	3475547	D	65	3475441	106
b3356	yhfA	-	3483973	D	6	3483840	133
b3362	yhfG	-	3489669	D	136	3489642	27
b3363	ppiA	-	3490357	D	60	3490319	38
b3384	trpS	-	3511719	D	420	3511660	59
b3386	rpe	-	3513175	D	25	3513081	94
b3387	dam	-	3514004	ND		3513935	69
b3387	dam	-	3514274	D	15	3513935	339
b3388	damX	-	3515622	D	1	3515328	294
b3390	aroK	-	3517189	D	50	3517086	103
b3390	aroK	-	3517402	D	69	3517086	316
b3405	ompR	-	3534661	D	3	3534606	55
b3405	ompR	-	3534707	D	80	3534606	101
b3405	ompR	-	3534729	D	17	3534606	123
b3405	ompR	-	3534777	D	31	3534606	171
b3416	malQ	-	3548421	ND		3548092	329
b3417	malP	-	3550532	D	197	3550495	37
b3421	rtcB	-	3556129	D	3	3556101	28
b3423	glpR	-	3558779	D	3	3558628	151
b3423	glpR	-	3558914	D	2	3558628	286
b3424	glpG	-	3559503	D	11	3559475	28
b3425	glpE	-	3559872	D	34	3559846	26
b3430	glgC	-	3567412	D	71	3567351	61
b3430	glgC	-	3567478	D	151	3567351	127
b3430	glgC	-	3567594	D	68	3567351	243
b3437	gntK	-	3575668	D	12	3575615	53
b3438	gntR	-	3576841	D	1	3576749	92
b3438	gntR	-	3576885	ND		3576749	136
b3438	gntR	-	3576903	ND		3576749	154
b4451	ryhB	-	3579039	D	49	3579039	0
b3458	livK	-	3595753	D	1230	3595583	170
b3458	livK	-	3595778	D	214	3595583	195
b3460	livJ	-	3597785	D	724	3597681	104
b3461	rpoH	-	3598836	D	47	3598806	30
b3461	rpoH	-	3598872	D	49	3598806	66
b3461	rpoH	-	3598886	D	279	3598806	80
b3461	rpoH	-	3598893	D	135	3598806	87
b3461	rpoH	-	3599026	D	16	3598806	220
b3494	uspB	-	3637871	D	55	3637743	128
b3498	prlC	-	3643261	D	896	3643205	56
b3510	hdeA	-	3654814	D	542	3654763	51
b3516	gadX	-	3663862	D	88	3663833	29
b3517	gadA	-	3665630	D	34	3665603	27
b3518	yhjA	-	3667284	D	1	3667211	73
b3527	yhjJ	-	3680039	D	5	3679963	76
b3528	dctA	-	3681521	D	12	3681470	51
b4453	ldrD	-	3698295	D	4	3698110	185
b3544	dppA	-	3705893	D	18	3705728	165
b3554	yiaF	-	3717120	D	2	3717067	53
b3565	xyIA	-	3728830	D	9	3728788	42
b3574	yiaJ	-	3740641	ND		3740555	86
b3588	aldB	-	3754558	D	22	3754534	24
b3592	yibF	-	3759998	D	34	3759978	20
b3632	rfaQ	-	3806203	D	9	3806121	82
b3632	rfaQ	-	3806261	D	21	3806121	140

b3635	mutM	-	3809198	D	33	3809175	23
b3637	rpmB	-	3810018	D	9	3809697	321
b3638	yicR	-	3810600	ND		3810582	18
b3657	yicJ	-	3834687	ND		3833952	735
b3661	nlpA	-	3838040	D	1442	3838016	24
b3662	nepI	-	3839794	D	6	3839762	32
b3666	uhpT	-	3845221	ND		3845190	31
b3672	ivbL	-	3851046	D	87	3851011	35
b4616	istR	-	3851215	D	2	3851280	-65
b4616	istR	-	3851280	D	1	3851280	0
b3686	ibpB	-	3865004	D	740	3864920	84
b3687	ibpA	-	3865541	D	242	3865445	96
b3699	gyrB	-	3878173	D	186	3878142	31
b3700	recF	-	3879864	D	6	3879244	620
b3700	recF	-	3879884	D	23	3879244	640
b3701	dnaN	-	3880371	D	143	3880344	27
b3701	dnaN	-	3880585	D	79	3880344	241
b3701	dnaN	-	3880613	D	1	3880344	269
b3701	dnaN	-	3880756	D	11	3880344	412
b3723	bgIG	-	3904720	D	3	3904590	130
b3728	pstS	-	3909591	D	5	3909548	43
b3730	glmU	-	3913246	D	2432	3913223	23
b3730	glmU	-	3913349	D	133	3913223	126
b3742	mioC	-	3924498	D	50	3924478	20
b3743	asnC	-	3925054	D	8	3925026	28
b3746	ravA	-	3929151	D	45	3929116	35
b3773	ilvY	-	3955890	D	11	3955843	47
b3775	ppiC	-	3957864	D	21	3957836	28
b3820	yigI	-	4002747	D	32	4002720	27
b3828	metR	-	4010860	D	24	4010839	21
b3828	metR	-	4010878	D	58	4010839	39
b3857	mobA	-	4040053	D	1	4040022	31
b3857	mobA	-	4040144	ND		4040022	122
b3862	yihG	-	4044675	D	4	4044625	50
b3869	glnL	-	4054394	D	2	4054362	32
b3870	glnA	-	4056130	D	59	4056057	73
b3870	glnA	-	4056245	D	6	4056057	188
b3904	rhaB	-	4095495	ND		4095471	24
b3919	tpiA	-	4109592	D	2263	4109530	62
b3927	glpF	-	4116184	ND		4116113	71
b3929	rraA	-	4117378	D	367	4117353	25
b3929	rraA	-	4117381	D	77	4117353	28
b3930	menA	-	4118421	D	159	4118372	49
b3930	menA	-	4118429	D	187	4118372	57
b3932	hslV	-	4120377	D	825	4120310	67
b3938	metJ	-	4126489	D	129	4126418	71
b3938	metJ	-	4126552	D	407	4126418	134
b3938	metJ	-	4126581	D	17	4126418	163
b3956	ppc	-	4151213	D	1147	4151121	92
b3957	argE	-	4152920	D	1004	4152870	50
b3957	argE	-	4153101	D	13	4152870	231
b3965	trmA	-	4161318	D	7	4161293	25
b3974	coaA	-	4173130	D	54	4173049	81
b3995	rsd	-	4194882	D	18	4194831	51
b3995	rsd	-	4194977	D	1	4194831	146
b4018	iclR	-	4221675	D	23	4221651	24
b4024	lysC	-	4231562	D	126	4231256	306
b4024	lysC	-	4231639	ND		4231256	383
b4034	malE	-	4244487	D	29	4244442	45
b4041	plsB	-	4254621	D	11	4254489	132
b4051	qor	-	4262327	D	174	4262254	73
b4058	uvrA	-	4271956	D	1	4271894	62
b4062	soxS	-	4275446	D	49	4275406	40

b4079	fdhF	-	4297430	D	3	4297389	41
b4089	rpiR	-	4311155	ND		4311014	141
b4089	rpiR	-	4311160	ND		4311014	146
b4106	phnC	-	4323229	ND		4323188	41
b4116	adiY	-	4336065	ND		4335952	113
b4117	adiA	-	4338579	D	5	4338547	32
b4118	melR	-	4339673	D	9	4339651	22
b4123	dcuB	-	4346787	D	1	4346767	20
b4123	dcuB	-	4347114	D	12	4346767	347
b4124	dcuR	-	4348588	ND		4348057	531
b4125	dcuS	-	4349708	D	17	4349685	23
b4129	lysU	-	4352820	D	160	4352740	80
b4129	lysU	-	4352828	ND		4352740	88
b4132	cadB	-	4358129	ND		4358054	75
b4133	cadC	-	4359986	D	15	4359957	29
b4135	yjdC	-	4361353	D	44	4361331	22
b4137	cutA	-	4363415	D	4	4363379	36
b4138	dcuA	-	4364866	D	6	4364796	70
b4149	blc	-	4375768	D	28	4375745	23
b4150	ampC	-	4377026	D	79	4376967	59
b4160	psd	-	4388661	D	40	4388383	278
b4189	yjfO	-	4414787	D	35	4414793	-6
b4192	ulaG	-	4417698	D	21	4417648	50
b4206	ytfB	-	4426842	D	40	4426740	102
b4209	ytfE	-	4430032	D	2	4430006	26
b4213	cpdB	-	4434652	D	31	4434588	64
b4216	ytfJ	-	4437309	D	1	4437285	24
b4219	msrA	-	4440284	D	146	4440199	85
b4223	yjfA	-	4446317	ND		4446268	49
b4226	ppa	-	4447709	D	7880	4447675	34
b4238	nrdD	-	4460861	D	10	4460683	178
b4240	treB	-	4464233	D	22	4464203	30
b4241	treR	-	4465294	D	8	4465269	25
b4241	treR	-	4465298	D	5	4465269	29
b4241	treR	-	4465314	ND		4465269	45
b4241	treR	-	4465370	D	3	4465269	101
b4243	yjgF	-	4468969	D	273	4468936	33
b4246	pyrL	-	4470576	D	140	4470556	20
b4246	pyrL	-	4470769	D	1	4470556	213
b4258	valS	-	4481942	D	871	4481860	82
b4258	valS	-	4481950	D	106	4481860	90
b4259	holC	-	4482296	D	4	4482303	-7
b4267	idnD	-	4492458	D	2	4492429	29
b4291	fecA	-	4514750	D	9	4514700	50
b4293	fecI	-	4516305	D	3	4516258	47
b4311	nanC	-	4537951	ND		4537524	427
b4321	gntP	-	4549357	D	1	4549319	38
b4362	dnaT	-	4599638	D	3	4599540	98
b4363	yjjB	-	4600200	ND		4600120	80
b4364	yjjP	-	4601057	D	1	4600881	176
b4387	ytjB	-	4622822	D	1	4622812	10
b4396	rob	-	4633376	D	157	4633333	43
b4401	arcA	-	4638531	D	20	4638329	202
b4401	arcA	-	4638535	D	31	4638329	206
b4401	arcA	-	4638558	D	9	4638329	229
b4401	arcA	-	4638622	D	128	4638329	293
b4401	arcA	-	4638704	D	75	4638329	375
b4401	arcA	-	4638711	D	5	4638329	382
b4401	arcA	-	4638824	D	2	4638329	495

Supplementary Table 6: Genome-scale proteomics data obtained from log phase, heat-shocked, stationary phase growth conditions (this study), and publicly available source. Abbreviations: PLOG, peptide ID for log phase; PHEAT, peptide ID for heat-shocked condition; PSTAT, peptide ID for stationary phase; PPUB, peptide ID for publicly available source; FOC, filtered observation count; Length, peptide length.

Peptide ID	Source	Start	End	Strand	Frame	FOC	Peptide Sequence	Length
PLOG+1	proteomics_log	337	384	+	1	3	T.M*RVLKFGGTSVANAER.F	21
PLOG+2	proteomics_log	337	393	+	1	17	T.MRVLKFGGTSVANAERFLR.V	23
PLOG+3	proteomics_log	337	384	+	1	32	T.MRVLKFGGTSVANAER.F	20
PLOG+4	proteomics_log	343	384	+	1	3	R.VLKFGGTSVANAER.F	18
PLOG+5	proteomics_log	352	384	+	1	102	K.FGGTSVANAER.F	15
PLOG+6	proteomics_log	385	423	+	1	35	R.FLRVADILESNAER.Q	17
PLOG+7	proteomics_log	391	423	+	1	7	L.RVADILESNAER.Q	15
PLOG+8	proteomics_log	394	423	+	1	138	R.VADILESNAER.Q	14
PLOG+9	proteomics_log	424	495	+	1	11	R.QGQVATVLSAPAKITNHLVAMIEK.T	28
PLOG+10	proteomics_log	424	462	+	1	11	R.QGQVATVLSAPAK.I	17
PLOG+11	proteomics_log	463	495	+	1	18	K.ITNHLVAMIEK.T	15
PLOG+12	proteomics_log	496	543	+	1	2	K.TISGQDALPNISDAER.I	20
PLOG+13	proteomics_log	496	609	+	1	67	K.TISGQDALPNISDAERIFAELLTGLAAAQPGFPLAQLK.T	42
PLOG+14	proteomics_log	544	609	+	1	25	R.IFAELLTGLAAAQPGFPLAQLK.T	26
PLOG+15	proteomics_log	610	642	+	1	9	K.TFVDQEFQIK.H	15
PLOG+16	proteomics_log	721	759	+	1	8	K.MSIAIMAGVLEAR.G	17
PLOG+17	proteomics_log	760	855	+	1	33	R.GHNVTVIDPVEKLLAVGHYLESTVDIAESTRR.I	36
PLOG+18	proteomics_log	760	795	+	1	37	R.GHNVTVIDPVEK.L	16
PLOG+19	proteomics_log	760	852	+	1	128	R.GHNVTVIDPVEKLLAVGHYLESTVDIAESTR.R	35
PLOG+20	proteomics_log	796	852	+	1	10	K.LLAVGHYLESTVDIAESTR.R	23
PLOG+21	proteomics_log	796	855	+	1	22	K.LLAVGHYLESTVDIAESTRR.I	24
PLOG+22	proteomics_log	856	948	+	1	25	R.IAASRIPADHMVLMAGFTAGNEKGELVVLGR.N	35
PLOG+23	proteomics_log	871	948	+	1	21	R.IPADHMVLMAGFTAGNEKGELVVLGR.N	30
PLOG+24	proteomics_log	1069	1140	+	1	2	R.LLKSMSYQEAMELSYFGAKVLHPR.T	28
PLOG+25	proteomics_log	1078	1125	+	1	37	K.SMSYQEAMELSYFGAK.V	20
PLOG+26	proteomics_log	1186	1233	+	1	7	K.NTGPNQAPGTLIGASR.D	20
PLOG+27	proteomics_log	1453	1521	+	1	51	R.AMQEEFYLELKEGLLEPLAVTER.L	27
PLOG+28	proteomics_log	1486	1521	+	1	2	K.EGLLEPLAVTER.L	16
PLOG+29	proteomics_log	1522	1557	+	1	43	R.LAIISVVGDGMR.T	16
PLOG+30	proteomics_log	1603	1647	+	1	2	R.ANINIVAIAQGSSER.S	19
PLOG+31	proteomics_log	1648	1695	+	1	10	R.SISVVVNNDATTGVR.V	20
PLOG+32	proteomics_log	1696	1794	+	1	49	R.VTHQMLFNTDQVIEVFVIGVGGVGGALLEQLKR.Q	37
PLOG+33	proteomics_log	1858	1923	+	1	5	K.ALLTNVHGLNLENWQEELAQAQAK.E	26
PLOG+34	proteomics_log	1858	1944	+	1	39	K.ALLTNVHGLNLENWQEELAQAQAKPEPNLGR.L	33
PLOG+35	proteomics_log	2077	2115	+	1	5	K.ANTSSMDYYHQLR.Y	17
PLOG+36	proteomics_log	2137	2229	+	1	6	R.RKFLYDTNVGAGLPVIENLQNLLNAGDELM*K.F	36
PLOG+37	proteomics_log	2137	2229	+	1	66	R.RKFLYDTNVGAGLPVIENLQNLLNAGDELMK.F	35
PLOG+38	proteomics_log	2140	2229	+	1	2	R.KFLYDTNVGAGLPVIENLQNLLNAGDELM*K.F	35
PLOG+39	proteomics_log	2140	2229	+	1	30	R.KFLYDTNVGAGLPVIENLQNLLNAGDELMK.F	34
PLOG+40	proteomics_log	2143	2229	+	1	2	K.FLYDTNVGAGLPVIENLQNLLNAGDELM*K.F	34
PLOG+41	proteomics_log	2143	2229	+	1	42	K.FLYDTNVGAGLPVIENLQNLLNAGDELMK.F	33
PLOG+42	proteomics_log	2230	2274	+	1	7	K.FSGILSGSLSYIFGK.L	19

PLOG+43	proteomics_log	2230	2319	+	1	34	K.FSGILSGSLSYIFGKLDEGMSFSEATTLAR.E	34
PLOG+44	proteomics_log	2350	2379	+	1	6	R.DDLSGM*DVAR.K	15
PLOG+45	proteomics_log	2350	2379	+	1	10	R.DDLSGMDVAR.K	14
PLOG+46	proteomics_log	2401	2532	+	1	3	R.ETGRELELADIEIEPVLPAEFNAEGDVAAFM*ANLSQLDDLFAAR.V	49
PLOG+47	proteomics_log	2401	2532	+	1	203	R.ETGRELELADIEIEPVLPAEFNAEGDVAAFMANLSQLDDLFAAR.V	48
PLOG+48	proteomics_log	2413	2532	+	1	76	R.ELELADIEIEPVLPAEFNAEGDVAAFMANLSQLDDLFAAR.V	44
PLOG+49	proteomics_log	2443	2532	+	1	187	E.PVLPAEFNAEGDVAAFMANLSQLDDLFAAR.V	34
PLOG+50	proteomics_log	2452	2532	+	1	5	L.PAEFNAEGDVAAFM*ANLSQLDDLFAAR.V	32
PLOG+51	proteomics_log	2533	2568	+	1	97	R.VAKARDEGKVL.R.Y	16
PLOG+52	proteomics_log	2542	2568	+	1	16	K.ARDEGKVL.R.Y	13
PLOG+53	proteomics_log	2569	2604	+	1	8	R.YVGNIDEDGVCR.V	16
PLOG+54	proteomics_log	2605	2646	+	1	3	R.VKIAEVDGNDPLFK.V	18
PLOG+55	proteomics_log	2605	2715	+	1	3	R.VKIAEVDGNDPLFKVKNGENALAFYSHYYQPLPLVLR.G	41
PLOG+56	proteomics_log	2605	2652	+	1	42	R.VKIAEVDGNDPLFKVK.N	20
PLOG+57	proteomics_log	2611	2715	+	1	3	K.IAEVDGNDPLFKVKNGENALAFYSHYYQPLPLVLR.G	39
PLOG+58	proteomics_log	2611	2652	+	1	11	K.IAEVDGNDPLFKVK.N	18
PLOG+59	proteomics_log	2611	2646	+	1	27	K.IAEVDGNDPLFK.V	16
PLOG+60	proteomics_log	2647	2715	+	1	63	K.VKNGENALAFYSHYYQPLPLVLR.G	27
PLOG+61	proteomics_log	2653	2772	+	1	2	K.NGENALAFYSHYYQPLPLVLRGYGAGNDVTAAGVFADLLR.T	44
PLOG+62	proteomics_log	2653	2715	+	1	151	K.NGENALAFYSHYYQPLPLVLR.G	25
PLOG+63	proteomics_log	2674	2715	+	1	22	A.FYSHYYQPLPLVLR.G	18
PLOG+64	proteomics_log	2716	2796	+	1	6	R.GYGAGNDVTAAGVFADLLRRLTSWKLGV.-	31
PLOG+65	proteomics_log	2716	2772	+	1	272	R.GYGAGNDVTAAGVFADLLR.T	23
PLOG+66	proteomics_log	3014	3064	+	2	3	R.FCQELGKQIPVAMTLEK.N	21
PLOG+67	proteomics_log	3167	3199	+	2	134	R.LLALMGELEGR.I	15
PLOG+68	proteomics_log	3389	3415	+	2	5	R.RQDCIAHGR.H	13
PLOG+69	proteomics_log	3473	3511	+	2	58	K.LMKDVIAEPYRER.L	17
PLOG+70	proteomics_log	3539	3634	+	2	9	R.QAVAIEGAVASGISGSGPTLFALCDKPETAQR.V	36
PLOG+71	proteomics_log	3635	3697	+	2	4	R.VADWLKKNYLQNLQEGFVHICR.L	25
PLOG+72	proteomics_log	3698	3730	+	2	2	R.LDTAGARVLEN.-	15
PLOG+73	proteomics_log	3734	3808	+	2	7	-.M*KLYNLKDHNEQVSFAQAVTQGLGK.N	30
PLOG+74	proteomics_log	3734	3808	+	2	44	-.MKLYNLKDHNEQVSFAQAVTQGLGK.N	29
PLOG+75	proteomics_log	3740	3808	+	2	3	K.LYNLKDHNEQVSFAQAVTQGLGK.N	27
PLOG+76	proteomics_log	3755	3808	+	2	3	K.DHNEQVSFAQAVTQGLGK.N	22
PLOG+77	proteomics_log	3809	3877	+	2	37	K.NQGLFFPHDLPEFSLTEIDEMLK.L	27
PLOG+78	proteomics_log	3809	3895	+	2	70	K.NQGLFFPHDLPEFSLTEIDEMLKLDVTR.S	33
PLOG+79	proteomics_log	3896	3958	+	2	13	R.SAKILSAFIGDEIPQEILEER.V	25
PLOG+80	proteomics_log	3896	3964	+	2	73	R.SAKILSAFIGDEIPQEILEERVR.A	27
PLOG+81	proteomics_log	3905	3964	+	2	36	K.ILSAFIGDEIPQEILEERVR.A	24
PLOG+82	proteomics_log	3905	3958	+	2	273	K.ILSAFIGDEIPQEILEER.V	22
PLOG+83	proteomics_log	4070	4189	+	2	17	R.FMAQMLTHIAGDKPVTILTATSGDGTAAVAHAFYGLPNVK.V	44
PLOG+84	proteomics_log	4211	4237	+	2	5	R.GKISPLQEK.L	13
PLOG+85	proteomics_log	4448	4513	+	2	307	R.NQLVSVSPGNFGDLTAGLLAK.S	26
PLOG+86	proteomics_log	4538	4576	+	2	258	R.FIAATNVNDTVPR.F	17
PLOG+87	proteomics_log	4541	4576	+	2	4	F.IAATNVNDTVPR.F	16
PLOG+88	proteomics_log	4577	4606	+	2	98	R.FLHDGQWSPK.A	14

PLOG+89	proteomics_log	4607	4666	+	2	3	K.ATQATLSNAMDVSQPNNWPR.V	24
PLOG+90	proteomics_log	4607	4666	+	2	3	K.ATQATLSNAM*DVSQPNNWPR.V	25
PLOG+91	proteomics_log	4607	4687	+	2	6	K.ATQATLSNAMDVSQPNNWPRVEELFRR.K	31
PLOG+92	proteomics_log	4607	4684	+	2	66	K.ATQATLSNAMDVSQPNNWPRVEELFR.R	30
PLOG+93	proteomics_log	4685	4756	+	2	3	R.RKIWQLKELGYAAVDETTQQTMR.E	28
PLOG+94	proteomics_log	4688	4765	+	2	2	R.KIWQLKELGYAAVDETTQQTMR.E	30
PLOG+95	proteomics_log	4688	4810	+	2	3	R.KIWQLKELGYAAVDETTQQTMR*RELKELGYTSEPHAAVAYR.A	46
PLOG+96	proteomics_log	4688	4756	+	2	26	R.KIWQLKELGYAAVDETTQQTMR.E	27
PLOG+97	proteomics_log	4706	4756	+	2	7	K.ELGYAAVDETTQQTMR.E	21
PLOG+98	proteomics_log	4706	4756	+	2	7	K.ELGYAAVDETTQQTMR*E	22
PLOG+99	proteomics_log	4715	4756	+	2	3	G.YAAVDETTQQTMR*E	19
PLOG+100	proteomics_log	4718	4756	+	2	3	Y.AAVDETTQQTMR*E	18
PLOG+101	proteomics_log	4721	4756	+	2	2	A.AVDETTQQTMR.E	16
PLOG+102	proteomics_log	4721	4756	+	2	2	A.AVDETTQQTMR*E	17
PLOG+103	proteomics_log	4724	4756	+	2	3	A.VDETTQQTMR*E	16
PLOG+104	proteomics_log	4724	4756	+	2	8	A.VDETTQQTMR.E	15
PLOG+105	proteomics_log	4757	4810	+	2	31	R.ELKELGYTSEPHAAVAYR.A	22
PLOG+106	proteomics_log	4766	4810	+	2	14	K.ELGYTSEPHAAVAYR.A	19
PLOG+107	proteomics_log	4811	4942	+	2	18	R.ALRDQLNPGEYGLFLGTAHPAKFKESVEAILGETLDPKELAER.A	48
PLOG+108	proteomics_log	4811	4876	+	2	182	R.ALRDQLNPGEYGLFLGTAHPAK.F	26
PLOG+109	proteomics_log	4877	4999	+	2	8	K.FKESVEAILGETLDPKELAERADLPLLSHNLPAADFAALRK.L	45
PLOG+110	proteomics_log	4877	4927	+	2	11	K.FKESVEAILGETLDPK.E	21
PLOG+111	proteomics_log	4877	4996	+	2	15	K.FKESVEAILGETLDPKELAERADLPLLSHNLPAADFAALRK.K	44
PLOG+112	proteomics_log	4877	4942	+	2	228	K.FKESVEAILGETLDPKELAER.A	26
PLOG+113	proteomics_log	4883	4942	+	2	6	K.ESVEAILGETLDPKELAER.A	24
PLOG+114	proteomics_log	4943	5017	+	2	7	R.ADLPLLSHNLPAADFAALRKLMMNHQ.-	29
PLOG+115	proteomics_log	4943	4999	+	2	88	R.ADLPLLSHNLPAADFAALRK.L	23
PLOG+116	proteomics_log	4943	4996	+	2	221	R.ADLPLLSHNLPAADFAALR.K	22
PLOG+117	proteomics_log	4997	5017	+	2	19	R.KLMMNHQ.-	11
PLOG+118	proteomics_log	8241	8312	+	3	8	M.TDKLTSLRQYTTVVADTGDIAAM*K.L	29
PLOG+119	proteomics_log	8241	8264	+	3	14	M.TDKLTSLR.Q	12
PLOG+120	proteomics_log	8241	8312	+	3	159	M.TDKLTSLRQYTTVVADTGDIAAMK.L	28
PLOG+121	proteomics_log	8265	8312	+	3	4	R.QYTTVVADTGDIAAM*K.L	21
PLOG+122	proteomics_log	8265	8312	+	3	136	R.QYTTVVADTGDIAAMK.L	20
PLOG+123	proteomics_log	8313	8417	+	3	6	K.LYQPQDATTNPSLILNAAQIPEYRKLIDDAVAVAK.Q	39
PLOG+124	proteomics_log	8313	8387	+	3	20	K.LYQPQDATTNPSLILNAAQIPEYR.K.L	29
PLOG+125	proteomics_log	8313	8384	+	3	165	K.LYQPQDATTNPSLILNAAQIPEYR.K	28
PLOG+126	proteomics_log	8385	8435	+	3	3	R.KLIDDAVAVAKQQSNDR.A	21
PLOG+127	proteomics_log	8385	8480	+	3	10	R.KLIDDAVAVAKQQSNDRAQQIVDATDKLAVNI.G	36
PLOG+128	proteomics_log	8385	8498	+	3	11	R.KLIDDAVAVAKQQSNDRAQQIVDATDKLAVNIGLEILK.L	42
PLOG+129	proteomics_log	8385	8417	+	3	249	R.KLIDDAVAVAK.Q	15
PLOG+130	proteomics_log	8388	8417	+	3	104	K.LIDDAVAVAK.Q	14
PLOG+131	proteomics_log	8418	8513	+	3	161	K.QQSNDRAQQIVDATDKLAVNIGLEILKLVGR.I	36
PLOG+132	proteomics_log	8418	8498	+	3	204	K.QQSNDRAQQIVDATDKLAVNIGLEILK.L	31
PLOG+133	proteomics_log	8436	8537	+	3	11	R.AQQIVDATDKLAVNIGLEILKLVGRISTEVDAR.L	38
PLOG+134	proteomics_log	8436	8498	+	3	151	R.AQQIVDATDKLAVNIGLEILK.L	25

PLOG+135	proteomics_log	8436	8513	+	3	246	R.AQQIVDATDKLAVNIGLEILKLVPR.I	30
PLOG+136	proteomics_log	8448	8513	+	3	126	I.VDATDKLAVNIGLEILKLVPR.I	26
PLOG+137	proteomics_log	8499	8537	+	3	24	K.LVPGRISTEVDAR.L	17
PLOG+138	proteomics_log	8514	8537	+	3	45	R.ISTEVDAR.L	12
PLOG+139	proteomics_log	8538	8579	+	3	32	R.LSYDTEASIAKAKR.L	18
PLOG+140	proteomics_log	8538	8576	+	3	53	R.LSYDTEASIAKAK.R	17
PLOG+141	proteomics_log	8538	8570	+	3	99	R.LSYDTEASIAK.A	15
PLOG+142	proteomics_log	8577	8621	+	3	9	K.RLIKLYNDAGISNDR.I	19
PLOG+143	proteomics_log	8577	8633	+	3	18	K.RLIKLYNDAGISNDRILIK.L	23
PLOG+144	proteomics_log	8580	8660	+	3	4	R.LIKLYNDAGISNDRILIKLASTWQGIR.A	31
PLOG+145	proteomics_log	8580	8621	+	3	21	R.LIKLYNDAGISNDR.I	18
PLOG+146	proteomics_log	8580	8633	+	3	52	R.LIKLYNDAGISNDRILIK.L	22
PLOG+147	proteomics_log	8589	8633	+	3	3	K.LYNDAGISNDRILIK.L	19
PLOG+148	proteomics_log	8589	8621	+	3	57	K.LYNDAGISNDR.I	15
PLOG+149	proteomics_log	8634	8660	+	3	63	K.LASTWQGIR.A	13
PLOG+150	proteomics_log	8661	8681	+	3	5	R.AAEQLEK.E	11
PLOG+151	proteomics_log	8733	8780	+	3	2	R.ACAEAGVFLISPFVGR.I	20
PLOG+152	proteomics_log	8733	8780	+	3	2	R.ACAEAGVFLISPFVGR.I	20
PLOG+153	proteomics_log	8817	8921	+	3	7	K.EYAPAEDPGVSVSEIYQYYKEHGYESVVMGASFR.N	39
PLOG+154	proteomics_log	8880	8921	+	3	2	K.EHGYESVVMGASFR.N	18
PLOG+155	proteomics_log	8922	9020	+	3	7	R.NIGEILELAGCDRLTIAPALLKELAESEGAIER.K	37
PLOG+156	proteomics_log	8961	9023	+	3	18	R.LTIAPALLKELAESEGAIERK.L	25
PLOG+157	proteomics_log	8961	9020	+	3	219	R.LTIAPALLKELAESEGAIER.K	24
PLOG+158	proteomics_log	8988	9023	+	3	6	K.ELAESEGAIERK.L	16
PLOG+159	proteomics_log	8988	9020	+	3	100	K.ELAESEGAIER.K	15
PLOG+160	proteomics_log	9021	9047	+	3	99	R.KLSYTGEVK.A	13
PLOG+161	proteomics_log	9024	9047	+	3	2	K.LSYTGEVK.A	12
PLOG+162	proteomics_log	9024	9062	+	3	2	K.LSYTGEVKARPAR.I	17
PLOG+163	proteomics_log	9048	9137	+	3	3	K.ARPARITSEFLWQHNQDPM*AVDKLAEGIR.K	35
PLOG+164	proteomics_log	9063	9119	+	3	3	R.ITESEFLWQHNQDPM*AVDK.L	23
PLOG+165	proteomics_log	9063	9119	+	3	3	R.ITESEFLWQHNQDPM*AVDK.L	24
PLOG+166	proteomics_log	9063	9140	+	3	3	R.ITESEFLWQHNQDPM*AVDKLAEGIRK.F	31
PLOG+167	proteomics_log	9063	9137	+	3	9	R.ITESEFLWQHNQDPM*AVDKLAEGIR.K	30
PLOG+168	proteomics_log	9063	9137	+	3	58	R.ITESEFLWQHNQDPM*AVDKLAEGIR.K	29
PLOG+169	proteomics_log	9063	9140	+	3	235	R.ITESEFLWQHNQDPM*AVDKLAEGIRK.F	30
PLOG+170	proteomics_log	9120	9170	+	3	2	K.LAEGIRKFAIDQEKLEK.M	21
PLOG+171	proteomics_log	9138	9188	+	3	5	R.KFAIDQEKLEKMIGDLL.-	21
PLOG+172	proteomics_log	9138	9170	+	3	138	R.KFAIDQEKLEK.M	15
PLOG+173	proteomics_log	9141	9188	+	3	3	K.FAIDQEKLEKM*IGDLL.-	21
PLOG+174	proteomics_log	9141	9188	+	3	45	K.FAIDQEKLEKMIGDLL.-	20
PLOG+175	proteomics_log	9141	9170	+	3	228	K.FAIDQEKLEK.M	14
PLOG+176	proteomics_log	9321	9440	+	3	2	R.IGLVSISDRASSGVYQDKGIPALEEWLTSALTPFELETR.L	44
PLOG+177	proteomics_log	9321	9347	+	3	32	R.IGLVSDR.A	13
PLOG+178	proteomics_log	9348	9440	+	3	15	R.ASSGVYQDKGIPALEEWLTSALTPFELETR.L	35
PLOG+179	proteomics_log	9375	9440	+	3	38	K.GIPALEEWLTSALTPFELETR.L	26
PLOG+180	proteomics_log	9549	9587	+	3	3	R.DVTPDATLAVADR.E	17

PLOG+181	proteomics_log	9618	9659	+	3	6	R.QISLHFVPTAILSR.Q	18
PLOG+182	proteomics_log	9678	9716	+	3	2	R.KQALILNLPQPK.S	17
PLOG+183	proteomics_log	12166	12237	+	1	12	M.GKIIGIDLGTNNSCVAIMDGTTPR.V	28
PLOG+184	proteomics_log	12238	12264	+	1	55	R.VLENAEGDR.T	13
PLOG+185	proteomics_log	12238	12330	+	1	261	R.VLENAEGDRTPSIIAYTQDGETLVGQPAKR.Q	35
PLOG+186	proteomics_log	12307	12375	+	1	20	T.LVGQPAKRQAVTNPQNTLFAIKR.L	27
PLOG+187	proteomics_log	12328	12375	+	1	13	K.RQAVTNPQNTLFAIKR.L	20
PLOG+188	proteomics_log	12331	12363	+	1	2	R.QAVTNPQNTLFA	15
PLOG+189	proteomics_log	12331	12375	+	1	155	R.QAVTNPQNTLFAIKR.L	19
PLOG+190	proteomics_log	12331	12372	+	1	173	R.QAVTNPQNTLFAIKR	18
PLOG+191	proteomics_log	12388	12438	+	1	22	R.RFQDEEVQRDVSI MPFK.I	21
PLOG+192	proteomics_log	12388	12414	+	1	127	R.RFQDEEVQR.D	13
PLOG+193	proteomics_log	12391	12480	+	1	2	R.FQDEEVQRDVSI MPFKIIAADNGDAWVEVK.G	34
PLOG+194	proteomics_log	12391	12489	+	1	5	R.FQDEEVQRDVSI MPFKIIAADNGDAWVEVKGQK.M	37
PLOG+195	proteomics_log	12391	12414	+	1	41	R.FQDEEVQR.D	12
PLOG+196	proteomics_log	12391	12438	+	1	47	R.FQDEEVQRDVSI MPFK.I	20
PLOG+197	proteomics_log	12415	12480	+	1	2	R.DVSI MPFKIIAADNGDAWVEVK.G	26
PLOG+198	proteomics_log	12415	12438	+	1	6	R.DVSI MPFK.I	12
PLOG+199	proteomics_log	12415	12489	+	1	86	R.DVSI MPFKIIAADNGDAWVEVKGQK.M	29
PLOG+200	proteomics_log	12439	12489	+	1	6	K.IIAADNGDAWVEVKGQK.M	21
PLOG+201	proteomics_log	12496	12528	+	1	11	A.PPQISAEVLKK.M	15
PLOG+202	proteomics_log	12529	12615	+	1	85	K.MKKTAEDYLGE PVTEAVITVPAYFNDAQR.Q	33
PLOG+203	proteomics_log	12535	12615	+	1	177	K.KTAEDYLGE PVTEAVITVPAYFNDAQR.Q	31
PLOG+204	proteomics_log	12538	12639	+	1	8	K.TAEDYLGE PVTEAVITVPAYFNDAQRQATKDAGR.I	38
PLOG+205	proteomics_log	12538	12627	+	1	16	K.TAEDYLGE PVTEAVITVPAYFNDAQRQATK.D	34
PLOG+206	proteomics_log	12538	12615	+	1	101	K.TAEDYLGE PVTEAVITVPAYFNDAQR.Q	30
PLOG+207	proteomics_log	12628	12663	+	1	35	K.DAGRIAGLEVKR.I	16
PLOG+208	proteomics_log	12640	12663	+	1	33	R.IAGLEVKR.I	12
PLOG+209	proteomics_log	12661	12711	+	1	8	K.RIINEPTAAALAYGLDK.G	21
PLOG+210	proteomics_log	12661	12726	+	1	221	K.RIINEPTAAALAYGLDKGTG NR.T	26
PLOG+211	proteomics_log	12664	12699	+	1	2	R.IINEPTAAALAY.G	16
PLOG+212	proteomics_log	12664	12711	+	1	57	R.IINEPTAAALAYGLDK.G	20
PLOG+213	proteomics_log	12664	12726	+	1	176	R.IINEPTAAALAYGLDKGTG NR.T	25
PLOG+214	proteomics_log	12868	12900	+	1	45	R.LINYLVEEFKK.D	15
PLOG+215	proteomics_log	12868	12945	+	1	137	R.LINYLVEEFKKDQGIDLRNDPLAMQR.L	30
PLOG+216	proteomics_log	12868	12921	+	1	211	R.LINYLVEEFKKDQGIDLR.N	22
PLOG+217	proteomics_log	12922	12945	+	1	3	R.NDPLAMQR.L	12
PLOG+218	proteomics_log	12946	12972	+	1	35	R.LKEAAEKAK.I	13
PLOG+219	proteomics_log	12967	13044	+	1	2	K.AKIELSSAQQT DVNLPYITADATGPK.H	30
PLOG+220	proteomics_log	12973	13044	+	1	12	K.IELSSAQQT DVNLPYITADATGPK.H	28
PLOG+221	proteomics_log	13060	13107	+	1	2	K.VTRAKLES LVEDLVNR.S	20
PLOG+222	proteomics_log	13069	13197	+	1	84	R.AKLES LVEDLVNRSIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	47
PLOG+223	proteomics_log	13069	13107	+	1	425	R.AKLES LVEDLVNR.S	17
PLOG+224	proteomics_log	13075	13197	+	1	4	K.LES LVEDLVNRSIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	45
PLOG+225	proteomics_log	13075	13107	+	1	53	K.LES LVEDLVNR.S	15
PLOG+226	proteomics_log	13108	13215	+	1	16	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTRMPMVQK.K	40

PLOG+227	proteomics_log	13108	13218	+	1	77	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTRMPMVQKK.V	41
PLOG+228	proteomics_log	13108	13197	+	1	324	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	34
PLOG+229	proteomics_log	13126	13197	+	1	6	K.VALQDAGLSVSDIDDVILVGGQTR.M	28
PLOG+230	proteomics_log	13198	13218	+	1	3	R.MPMVQKK.V	11
PLOG+231	proteomics_log	13198	13215	+	1	4	R.MPMVQK.K	10
PLOG+232	proteomics_log	13216	13248	+	1	25	K.KVAEFFGKEPR.K	15
PLOG+233	proteomics_log	13219	13248	+	1	58	K.VAEFFGKEPR.K	14
PLOG+234	proteomics_log	13249	13323	+	1	2	R.KDVNPDEAVAIGAAVQGGVLTGDVK.D	29
PLOG+235	proteomics_log	13324	13404	+	1	164	K.DVLLLDVTPLSLGIETMGGVMTTLIAK.N	31
PLOG+236	proteomics_log	13405	13497	+	1	45	K.NTTIPTKHSQVFSTAEDNQSAVTIHVLQGER.K	35
PLOG+237	proteomics_log	13426	13497	+	1	42	K.HSQVFSTAEDNQSAVTIHVLQGER.K	28
PLOG+238	proteomics_log	13498	13563	+	1	43	R.KRAADNKSLGQFNLDGINPAPR.G	26
PLOG+239	proteomics_log	13501	13563	+	1	96	K.RAADNKSLGQFNLDGINPAPR.G	25
PLOG+240	proteomics_log	13504	13563	+	1	210	R.AADNKSLGQFNLDGINPAPR.G	24
PLOG+241	proteomics_log	13519	13563	+	1	316	K.SLGQFNLDGINPAPR.G	19
PLOG+242	proteomics_log	13630	13668	+	1	3	K.DKNSGKEQKITIK.A	17
PLOG+243	proteomics_log	13648	13713	+	1	4	K.EQKITIKASSGLNEDEIQKMVR.D	26
PLOG+244	proteomics_log	13657	13704	+	1	2	K.ITIKASSGLNEDEIQK.M	20
PLOG+245	proteomics_log	13669	13713	+	1	32	K.ASSGLNEDEIQKMVR.D	19
PLOG+246	proteomics_log	13669	13704	+	1	143	K.ASSGLNEDEIQK.M	16
PLOG+247	proteomics_log	13705	13770	+	1	2	K.MVRDAEANAADRKFEEVLVQTR.N	26
PLOG+248	proteomics_log	13714	13803	+	1	3	R.DAEANAADRKFEEVLVQTRNQGDHLLHSTR.K	34
PLOG+249	proteomics_log	13714	13746	+	1	9	R.DAEANAADRK.F	15
PLOG+250	proteomics_log	13714	13770	+	1	143	R.DAEANAADRKFEEVLVQTR.N	23
PLOG+251	proteomics_log	13771	13803	+	1	64	R.NQGDHLLHSTR.K	15
PLOG+252	proteomics_log	13804	13923	+	1	14	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	44
PLOG+253	proteomics_log	13924	13953	+	1	42	K.MQELAQVSQK.L	14
PLOG+254	proteomics_log	14357	14485	+	2	2	R.AAYDQYGHAAFEQGGMGGGGFGGGADFSDFGDVFGDIFGGGR.G	47
PLOG+255	proteomics_log	14792	14848	+	2	2	R.SKTLSVKIPAGVDTGDRIR.L	23
PLOG+256	proteomics_log	15032	15079	+	2	47	R.VKLVKVPGETQTGKLF.R.M	20
PLOG+257	proteomics_log	15038	15079	+	2	5	K.LKVPGETQTGKLF.R.M	18
PLOG+258	proteomics_log	15140	15244	+	2	2	R.VVETPVGLNERQKQLLQELQESFGGPTGEHNSPR.S	39
PLOG+259	proteomics_log	15140	15175	+	2	59	R.VVETPVGLNER.Q	16
PLOG+260	proteomics_log	15176	15244	+	2	19	R.QKQLLQELQESFGGPTGEHNSPR.S	27
PLOG+261	proteomics_log	15182	15244	+	2	28	K.QLLQELQESFGGPTGEHNSPR.S	25
PLOG+262	proteomics_log	15245	15274	+	2	2	R.SKSFFDGVKK.F	14
PLOG+263	proteomics_log	15245	15295	+	2	13	R.SKSFFDGVKKFFDDLTR.-	21
PLOG+264	proteomics_log	15251	15295	+	2	9	K.SFFDGVKKFFDDLTR.-	19
PLOG+265	proteomics_log	21917	21988	+	2	11	R.QALADDNLALAESLLGHPFAISGR.V	28
PLOG+266	proteomics_log	21989	22015	+	2	3	R.VVHGDELGR.T	13
PLOG+267	proteomics_log	22394	22459	+	2	25	M.SDYKSTLNLPETGFPMRGDLAK.R	26
PLOG+268	proteomics_log	22460	22483	+	2	8	K.REPGMLAR.W	12
PLOG+269	proteomics_log	22484	22516	+	2	94	R.WTDDDLYGIR.A	15
PLOG+270	proteomics_log	22538	22630	+	2	2	K.TFILHDGPPYANGSIHIGHSVNKILKDIIVK.S	35
PLOG+271	proteomics_log	22538	22606	+	2	16	K.TFILHDGPPYANGSIHIGHSVNK.I	27
PLOG+272	proteomics_log	22706	22738	+	2	8	K.VEQEYKPGKEK.F	15

PLOG+273	proteomics_log	22772	22804	+	2	13	R.EYAATQVDGQR.K	15
PLOG+274	proteomics_log	22820	22870	+	2	9	R.LGVLGDWVSHPYLTMDFK.T	21
PLOG+275	proteomics_log	22820	22891	+	2	115	R.LGVLGDWVSHPYLTMDFKTEANIIR.A	28
PLOG+276	proteomics_log	23066	23143	+	2	5	K.FAVSNVNGPISLVIWTTTPWTLPANR.A	30
PLOG+277	proteomics_log	23144	23242	+	2	69	R.AISIAPDFDYALVQIDGQAVILAKDLVESVMQR.I	37
PLOG+278	proteomics_log	23243	23305	+	2	3	R.IGVTDYITILGTVKGAELELLR.F	25
PLOG+279	proteomics_log	23243	23281	+	2	3	R.IGVTDYITILGTVK.G	17
PLOG+280	proteomics_log	23435	23524	+	2	6	K.YGLETANPVGPDGTYLPPTYPTLDGVMVFK.A	34
PLOG+281	proteomics_log	23525	23560	+	2	6	K.ANDIVVALLQEK.G	16
PLOG+282	proteomics_log	23561	23584	+	2	2	K.GALLHVEK.M	12
PLOG+283	proteomics_log	23639	23674	+	2	4	R.ATPQWFVSMQDK.G	16
PLOG+284	proteomics_log	23684	23743	+	2	2	R.AQSLKEIKGVQWIPDWGQAR.I	24
PLOG+285	proteomics_log	23708	23743	+	2	20	K.GVQWIPDWGQAR.I	16
PLOG+286	proteomics_log	23855	23887	+	2	4	R.TLELMEEVAKR.V	15
PLOG+287	proteomics_log	23855	23884	+	2	5	R.TLELMEEVAK.R	14
PLOG+288	proteomics_log	23855	23932	+	2	6	R.TLELMEEVAKRVEVDGIQAWWDLDAK.E	30
PLOG+289	proteomics_log	24206	24247	+	2	4	K.SIGNTVSPQDVMNK.L	18
PLOG+290	proteomics_log	24371	24409	+	2	3	R.FLLANLNGFPAK.D	17
PLOG+291	proteomics_log	24371	24448	+	2	23	R.FLLANLNGFPAKDMVKPEEMVVLDR.W	30
PLOG+292	proteomics_log	24430	24528	+	1	2	R.DGGTGSGLRRLCESGTGRHPQGVRSIRFPRSGT.A	37
PLOG+293	proteomics_log	24470	24532	+	2	27	K.AAQEDILKAYEAYDFHEVVQR.L	25
PLOG+294	proteomics_log	24743	24832	+	2	5	K.YVFTGEWYEGFLGLADSEAMNDAFWDELLK.V	34
PLOG+295	proteomics_log	24833	24871	+	2	2	K.VRGEVNVKIEQAR.A	17
PLOG+296	proteomics_log	24944	24970	+	2	11	K.LTALGDEL.R.F	13
PLOG+297	proteomics_log	24971	25051	+	2	2	R.FVLLTSGATVADYNDAPADAQQSEVLK.G	31
PLOG+298	proteomics_log	24971	25060	+	2	2	R.FVLLTSGATVADYNDAPADAQQSEVLKGLK.V	34
PLOG+299	proteomics_log	25880	25912	+	2	27	K.LDDGTTAESTR.N	15
PLOG+300	proteomics_log	25940	25993	+	2	16	R.LGDASLSEGLEQHLLGLK.V	22
PLOG+301	proteomics_log	26277	26303	+	3	7	N.MQILLANPR.G	13
PLOG+302	proteomics_log	26328	26384	+	3	8	R.AISIVENALAIYGAPIYVR.H	23
PLOG+303	proteomics_log	26997	27056	+	3	3	K.RAFLIDDAKDIQEEWVKEV.C	24
PLOG+304	proteomics_log	27000	27047	+	3	2	R.AFLIDDAKDIQEEWVK.E	20
PLOG+305	proteomics_log	27000	27056	+	3	61	R.AFLIDDAKDIQEEWVKEV.C	23
PLOG+306	proteomics_log	27120	27203	+	3	3	R.LQQLGGGEAIPLEGREENIVFEVPKELR.V	32
PLOG+307	proteomics_log	27120	27164	+	3	5	R.LQQLGGGEAIPLEGR.E	19
PLOG+308	proteomics_log	27434	27508	+	2	7	R.NALQLLHFWNAEIPLAQGAAPLVR.A	29
PLOG+309	proteomics_log	28374	28394	+	3	3	A.MHDANIR.V	11
PLOG+310	proteomics_log	28395	28421	+	3	3	R.VAIAAGAGR.M	13
PLOG+311	proteomics_log	28431	28544	+	3	78	R.QLIQAALALEGVQLGAALEREGSSLLGSDAGELAGAGK.T	42
PLOG+312	proteomics_log	28431	28490	+	3	107	R.QLIQAALALEGVQLGAALER.E	24
PLOG+313	proteomics_log	28491	28544	+	3	18	R.EGSSLLGSDAGELAGAGK.T	22
PLOG+314	proteomics_log	28809	28856	+	3	8	K.VMGDYTDIEIIIEAHR.H	20
PLOG+315	proteomics_log	28857	28934	+	3	7	R.HKVDAPSGTALAMGEAIAHALDKDLK.D	30
PLOG+316	proteomics_log	28956	29009	+	3	46	R.EGHTGERVPGTIGFATVR.A	22
PLOG+317	proteomics_log	28977	29009	+	3	2	R.VPGTIGFATVR.A	15
PLOG+318	proteomics_log	29010	29093	+	3	6	R.AGDIVGEHTAMFADIGERLEITHKASSR.M	32

PLOG+319	proteomics_log	29010	29063	+	3	25	R.AGDIVGEHTAMFADIGER.L	22
PLOG+320	proteomics_log	29010	29081	+	3	28	R.AGDIVGEHTAMFADIGERLEITHK.A	28
PLOG+321	proteomics_log	29064	29093	+	3	36	R.LEITHKASSR.M	14
PLOG+322	proteomics_log	29094	29192	+	3	2	R.MTFANGAVRSALWLSGKESGLFDMRDVLDLNNL.-	37
PLOG+323	proteomics_log	29094	29120	+	3	57	R.MTFANGAVR.S	13
PLOG+324	proteomics_log	29145	29192	+	3	20	K.ESGLFDMRDVLDLNNL.-	20
PLOG+325	proteomics_log	29169	29192	+	3	4	R.DVLDLNNL.-	12
PLOG+326	proteomics_log	29660	29704	+	2	334	K.SALLVLEDGTQFHGR.A	19
PLOG+327	proteomics_log	29705	29800	+	2	2	R.AIGATGSAVGEVFNSTSM*TG YQEILTDPSYSR.Q	37
PLOG+328	proteomics_log	29801	29929	+	2	3	R.QIVTLTYPHIGNVGTNDADAEESQVHAQGLVIRDPLIASNFR.N	47
PLOG+329	proteomics_log	29900	29962	+	2	2	R.DLPLIASNFRNTEDLSSYLKR.H	25
PLOG+330	proteomics_log	29900	29929	+	2	57	R.DLPLIASNFR.N	14
PLOG+331	proteomics_log	29930	29998	+	2	2	R.NTEDLSSYLKRHNIVAIADIDTR.K	27
PLOG+332	proteomics_log	29930	29959	+	2	18	R.NTEDLSSYLK.R	14
PLOG+333	proteomics_log	29930	29962	+	2	43	R.NTEDLSSYLKR.H	15
PLOG+334	proteomics_log	29960	29998	+	2	5	K.RHNIVAIADIDTR.K	17
PLOG+335	proteomics_log	29963	30001	+	2	6	R.HNIVAIADIDTRK.L	17
PLOG+336	proteomics_log	29963	29998	+	2	213	R.HNIVAIADIDTR.K	16
PLOG+337	proteomics_log	30095	30130	+	2	4	R.AFPGLNGMDLAK.E	16
PLOG+338	proteomics_log	30206	30271	+	2	4	K.KEDELPFHVVAYDFGAKRNILR.M	26
PLOG+339	proteomics_log	30206	30256	+	2	21	K.KEDELPFHVVAYDFGAK.R	21
PLOG+340	proteomics_log	30206	30259	+	2	43	K.KEDELPFHVVAYDFGAKR.N	22
PLOG+341	proteomics_log	30296	30340	+	2	99	R.LTIVPAQTS AEDVLK.M	19
PLOG+342	proteomics_log	30422	30496	+	2	2	K.FLETDIPVFGICLGHQLLALASGAK.T	29
PLOG+343	proteomics_log	30557	30640	+	2	4	K.NVVMITAQNHGFAVDEATLPANLRVTHK.S	32
PLOG+344	proteomics_log	30641	30676	+	2	42	K.SLFDGTLQGIHR.T	16
PLOG+345	proteomics_log	30677	30784	+	2	3	R.TDKPAFSFQGHPEASPGPHDAAPLFDHFIELIEQYR.K	40
PLOG+346	proteomics_log	30677	30787	+	2	17	R.TDKPAFSFQGHPEASPGPHDAAPLFDHFIELIEQYRK.T	41
PLOG+347	proteomics_log	30946	31041	+	1	4	R.VILVNSNPATIMTDPEMADATYIEPIHWEVVR.K	36
PLOG+348	proteomics_log	31129	31209	+	1	6	R.QGVLEEFVGTMI GATADAIDKAEDRRR.F	31
PLOG+349	proteomics_log	31129	31206	+	1	33	R.QGVLEEFVGTMI GATADAIDKAEDRRR.R	30
PLOG+350	proteomics_log	31129	31203	+	1	87	R.QGVLEEFVGTMI GATADAIDKAEDR.R	29
PLOG+351	proteomics_log	31228	31251	+	1	2	K.KIGLETAR.S	12
PLOG+352	proteomics_log	31399	31482	+	1	40	R.GLDLSPTKELLIDESLIGWKEYEMEVVR.D	32
PLOG+353	proteomics_log	31612	31698	+	1	2	R.NASMAVLREIGVETGGSNVQFAVNPKNR.L	33
PLOG+354	proteomics_log	31612	31689	+	1	5	R.NASMAVLREIGVETGGSNVQFAVNPK.N	30
PLOG+355	proteomics_log	31612	31635	+	1	7	R.NASMAVLR.E	12
PLOG+356	proteomics_log	31636	31689	+	1	133	R.EIGVETGGSNVQFAVNPK.N	22
PLOG+357	proteomics_log	31690	31725	+	1	14	K.NGR LIVIEMNPR.V	16
PLOG+358	proteomics_log	31699	31725	+	1	146	R.LIV IEMNPR.V	13
PLOG+359	proteomics_log	31735	31779	+	1	38	R.SSALASKATGFPIAK.V	19
PLOG+360	proteomics_log	31780	31845	+	1	5	K.VAAKLAVGYTLDELMNDITGGR.T	26
PLOG+361	proteomics_log	31780	31899	+	1	14	K.VAAKLAVGYTLDELMNDITGG RTPASFEPSIDYVVTKIPR.F	44
PLOG+362	proteomics_log	31792	31890	+	1	2	K.LAVGYTLDELM*NDITGG RTPASFEPSIDYVVTK.I	38
PLOG+363	proteomics_log	31792	31845	+	1	3	K.LAVGYTLDELM*NDITGGR.T	23
PLOG+364	proteomics_log	31792	31899	+	1	10	K.LAVGYTLDELM*NDITGG RTPASFEPSIDYVVTKIPR.F	41

PLOG+365	proteomics_log	31792	31890	+	1	114	K.LAVGYTLDELMNDITGG RTPASFEPSIDYVVK.I	37
PLOG+366	proteomics_log	31792	31845	+	1	129	K.LAVGYTLDELMNDITGGR.T	22
PLOG+367	proteomics_log	31792	31899	+	1	228	K.LAVGYTLDELMNDITGG RTPASFEPSIDYVVKIPR.F	40
PLOG+368	proteomics_log	31846	31890	+	1	28	R.TPASFEPSIDYVVK.I	19
PLOG+369	proteomics_log	31846	31899	+	1	30	R.TPASFEPSIDYVVKIPR.F	22
PLOG+370	proteomics_log	31900	31935	+	1	7	R.FNFEKFAGANDR.L	16
PLOG+371	proteomics_log	31900	31953	+	1	8	R.FNFEKFAGANDRLTTQMK.S	22
PLOG+372	proteomics_log	31915	31953	+	1	3	K.FAGANDRLTTQM*K.S	18
PLOG+373	proteomics_log	31915	31953	+	1	67	K.FAGANDRLTTQMK.S	17
PLOG+374	proteomics_log	31954	32016	+	1	3	K.SVGEVMAIGRTQQESLQKALR.G	25
PLOG+375	proteomics_log	31954	32007	+	1	4	K.SVGEVMAIGRTQQESLQK.A	22
PLOG+376	proteomics_log	31954	31983	+	1	117	K.SVGEVMAIGR.T	14
PLOG+377	proteomics_log	31984	32007	+	1	9	R.TQQESLQK.A	12
PLOG+378	proteomics_log	32008	32085	+	1	4	K.ALRGLEVGATGFDPKVSLDDPEALTK.I	30
PLOG+379	proteomics_log	32017	32085	+	1	10	R.GLEVGATGFDPKVSLDDPEALTK.I	27
PLOG+380	proteomics_log	32017	32052	+	1	11	R.GLEVGATGFDPK.V	16
PLOG+381	proteomics_log	32053	32085	+	1	58	K.VSLDDPEALTK.I	15
PLOG+382	proteomics_log	32092	32148	+	1	2	R.RELKDAGADRIWYIADAFR.A	23
PLOG+383	proteomics_log	32095	32148	+	1	6	R.ELKDAGADRIWYIADAFR.A	22
PLOG+384	proteomics_log	32122	32148	+	1	5	R.IWYIADAFR.A	13
PLOG+385	proteomics_log	32149	32196	+	1	14	R.AGLSVDGVFNLTNIDR.W	20
PLOG+386	proteomics_log	32149	32229	+	1	47	R.AGLSVDGVFNLTNIDRWFLVQIEELVR.L	31
PLOG+387	proteomics_log	32149	32241	+	1	61	R.AGLSVDGVFNLTNIDRWFLVQIEELVRLEEK.V	35
PLOG+388	proteomics_log	32188	32286	+	1	3	N.IDRWFLVQIEELVRLEEKVAEVGITGLNADFLR.Q	37
PLOG+389	proteomics_log	32197	32241	+	1	2	R.WFLVQIEELVRLEEK.V	19
PLOG+390	proteomics_log	32197	32229	+	1	7	R.WFLVQIEELVR.L	15
PLOG+391	proteomics_log	32242	32286	+	1	29	K.VAEVGITGLNADFLR.Q	19
PLOG+392	proteomics_log	32359	32400	+	1	5	R.KLRDQYDLHPVYKR.V	18
PLOG+393	proteomics_log	32359	32397	+	1	8	R.KLRDQYDLHPVYK.R	17
PLOG+394	proteomics_log	32362	32400	+	1	2	K.LRDQYDLHPVYKR.V	17
PLOG+395	proteomics_log	32500	32529	+	1	38	K.IMVLGGGPNR.I	14
PLOG+396	proteomics_log	32662	32709	+	1	109	R.LYFEPVTLEDVLEIVR.I	20
PLOG+397	proteomics_log	32710	32763	+	1	3	R.IEKPKGVIVQYGGQTPLK.L	22
PLOG+398	proteomics_log	32710	32772	+	1	136	R.IEKPKGVIVQYGGQTPLKLAR.A	25
PLOG+399	proteomics_log	32725	32763	+	1	3	K.GVIVQYGGQTPLK.L	17
PLOG+400	proteomics_log	32773	32829	+	1	19	R.ALEAAGVPVIGTSPDAIDR.A	23
PLOG+401	proteomics_log	32773	32847	+	1	121	R.ALEAAGVPVIGTSPDAIDRAEDRER.F	29
PLOG+402	proteomics_log	32869	32985	+	1	3	R.LKLKQPANATVTAIEMAVEKAKEIGYPLVVRPSYVLGGR.A	43
PLOG+403	proteomics_log	32869	32985	+	1	3	R.LKLKQPANATVTAIEM*AVEKAKEIGYPLVVRPSYVLGGR.A	44
PLOG+404	proteomics_log	32869	32934	+	1	4	R.LKLKQPANATVTAIEM*AVEKAK.E	27
PLOG+405	proteomics_log	32869	32934	+	1	6	R.LKLKQPANATVTAIEMAVEKAK.E	26
PLOG+406	proteomics_log	32869	32928	+	1	9	R.LKLKQPANATVTAIEM*AVEK.A	25
PLOG+407	proteomics_log	32869	32928	+	1	68	R.LKLKQPANATVTAIEMAVEK.A	24
PLOG+408	proteomics_log	32875	32985	+	1	3	K.LKQPANATVTAIEMAVEKAKEIGYPLVVRPSYVLGGR.A	41
PLOG+409	proteomics_log	32875	32985	+	1	3	K.LKQPANATVTAIEM*AVEKAKEIGYPLVVRPSYVLGGR.A	42
PLOG+410	proteomics_log	32875	32928	+	1	15	K.LKQPANATVTAIEMAVEK.A	22

PLOG+411	proteomics_log	32929	32985	+	1	5	K.AKEIGYPLVVRPSYVLGGR.A	23
PLOG+412	proteomics_log	32935	32985	+	1	7	K.EIGYPLVVRPSYVLGGR.A	21
PLOG+413	proteomics_log	32986	33021	+	1	13	R.AMEIVYDEADLR.R	16
PLOG+414	proteomics_log	32986	33024	+	1	95	R.AMEIVYDEADLRR.Y	17
PLOG+415	proteomics_log	33247	33285	+	1	10	R.QQVQKLAFLQVR.G	17
PLOG+416	proteomics_log	33262	33285	+	1	26	K.LAFELQVR.G	12
PLOG+417	proteomics_log	33286	33315	+	1	3	R.GLM*NVQFAVK.N	15
PLOG+418	proteomics_log	33286	33315	+	1	15	R.GLMNVQFAVK.N	14
PLOG+419	proteomics_log	33316	33351	+	1	37	K.NNEVYLIEVNP.R.A	16
PLOG+420	proteomics_log	33361	33405	+	1	145	R.TVPFVSKATGVPLAK.V	19
PLOG+421	proteomics_log	33367	33405	+	1	4	V.PFVSKATGVPLAK.V	17
PLOG+422	proteomics_log	33418	33459	+	1	2	R.VM*AGKSLAEQGVTK.E	19
PLOG+423	proteomics_log	33433	33489	+	1	2	K.SLAEQGVTKVIPPYYSVK.E	23
PLOG+424	proteomics_log	33433	33552	+	1	5	K.SLAEQGVTKVIPPYYSVKEVLPFNKFPQVDPDLLGPEM*R.S	45
PLOG+425	proteomics_log	33433	33552	+	1	21	K.SLAEQGVTKVIPPYYSVKEVLPFNKFPQVDPDLLGPEM.R.S	44
PLOG+426	proteomics_log	33433	33459	+	1	33	K.SLAEQGVTK.E	13
PLOG+427	proteomics_log	33460	33552	+	1	43	K.EVIPPYYSVKEVLPFNKFPQVDPDLLGPEM.R.S	35
PLOG+428	proteomics_log	33484	33552	+	1	5	S.VKEVLPFNKFPQVDPDLLGPEM.R.S	27
PLOG+429	proteomics_log	33490	33552	+	1	9	K.EVLPFNKFPQVDPDLLGPEM*R.S	26
PLOG+430	proteomics_log	33490	33552	+	1	213	K.EVLPFNKFPQVDPDLLGPEM.R.S	25
PLOG+431	proteomics_log	33553	33606	+	1	23	R.STGEVMGVGRTFEAFAK.A	22
PLOG+432	proteomics_log	33553	33582	+	1	37	R.STGEVM*GVGR.T	15
PLOG+433	proteomics_log	33553	33582	+	1	176	R.STGEVMGVGR.T	14
PLOG+434	proteomics_log	33583	33606	+	1	15	R.TEAFAK.A	12
PLOG+435	proteomics_log	33607	33636	+	1	4	K.AQLGSNSTM*K.K	15
PLOG+436	proteomics_log	33607	33636	+	1	6	K.AQLGSNSTM.K	14
PLOG+437	proteomics_log	33607	33639	+	1	7	K.AQLGSNSTM*KK.H	16
PLOG+438	proteomics_log	33607	33639	+	1	14	K.AQLGSNSTM.KK.H	15
PLOG+439	proteomics_log	33607	33648	+	1	81	K.AQLGSNSTM.KKHGR.A	18
PLOG+440	proteomics_log	33649	33684	+	1	2	R.ALLSVREGDKER.V	16
PLOG+441	proteomics_log	33685	33705	+	1	3	R.VVDLAAK.L	11
PLOG+442	proteomics_log	33685	33783	+	1	69	R.VVDLAAKLLKQGFELDATHGTAIVLGEAGINPR.L	37
PLOG+443	proteomics_log	33706	33783	+	1	147	K.LLKQGFELDATHGTAIVLGEAGINPR.L	30
PLOG+444	proteomics_log	33715	33783	+	1	5	K.QGFELDATHGTAIVLGEAGINPR.L	27
PLOG+445	proteomics_log	33757	33783	+	1	4	V.LGEAGINPR.L	13
PLOG+446	proteomics_log	33784	33828	+	1	26	R.LVNVHGRPHIQDR.I	19
PLOG+447	proteomics_log	33829	33876	+	1	6	R.IKNGEYTYIINTTSGR.R	20
PLOG+448	proteomics_log	33829	33879	+	1	9	R.IKNGEYTYIINTTSGRR.A	21
PLOG+449	proteomics_log	33835	33876	+	1	5	K.NGEYTYIINTTSGR.R	18
PLOG+450	proteomics_log	34000	34035	+	1	2	K.VISVQEM*HAQIK.-	17
PLOG+451	proteomics_log	34000	34035	+	1	39	K.VISVQEMHAQIK.-	16
PLOG+452	proteomics_log	34339	34383	+	1	2	L.IAEWMM*AENRWVIAR.E	20
PLOG+453	proteomics_log	34339	34383	+	1	17	L.IAEWMM.AENRWVIAR.E	19
PLOG+454	proteomics_log	37159	37218	+	1	3	R.RHYRQVDVIVTQCTLPGGVI.S	24
PLOG+455	proteomics_log	45341	45391	+	2	3	A.RDLFTIDGSAPELMRKK.I	21
PLOG+456	proteomics_log	47318	47344	+	2	2	A.RTLEGVEIR.S	13

PLOG+457	proteomics_log	47844	47900	+	3	3	R.LGLGSVLGYLIAGCIIGPW.G	23
PLOG+458	proteomics_log	49823	49858	+	2	3	S.MISLIAALAVDR.V	16
PLOG+459	proteomics_log	49922	49954	+	2	2	R.NTLNKPVIM*GR.H	16
PLOG+460	proteomics_log	49922	49954	+	2	4	R.NTLNKPVIMGR.H	15
PLOG+461	proteomics_log	62323	62346	+	1	8	G.RGQQQNAR.H	12
PLOG+462	proteomics_log	69738	69815	+	3	2	R.SASTFPSASIGAGVEPVLSTPIPTTA.A	30
PLOG+463	proteomics_log	83023	83061	+	1	94	V.RNVDDGGGTGINRR.F	17
PLOG+464	proteomics_log	85630	85665	+	1	18	A.MEMLSGAEMVVR.S	16
PLOG+465	proteomics_log	85666	85776	+	1	22	R.SLIDQGVKQVFGYPGGAVLDIYDALHTVGGIDHVLVR.H	41
PLOG+466	proteomics_log	85690	85776	+	1	18	K.QVFGYPGGAVLDIYDALHTVGGIDHVLVR.H	33
PLOG+467	proteomics_log	85777	85818	+	1	2	R.HEQAAVHM*ADGLAR.A	19
PLOG+468	proteomics_log	85777	85818	+	1	4	R.HEQAAVHMADGLAR.A	18
PLOG+469	proteomics_log	86011	86061	+	1	2	K.HSFLVKQTEDIPQVLKK.A	21
PLOG+470	proteomics_log	86179	86223	+	1	2	R.SYNPTTGHKGQIKR.A	19
PLOG+471	proteomics_log	86280	86339	+	3	3	G.NHGGLPSAVERNGGGVESAR.C	24
PLOG+472	proteomics_log	86355	86414	+	3	5	D.GAGGVSGNASSGTGHAGNAR.Y	24
PLOG+473	proteomics_log	86605	86703	+	1	4	R.QVLEQMLELLSQESAHQPLDEIRDWWQQIEQWR.A	37
PLOG+474	proteomics_log	86869	86931	+	1	14	R.WINSGGLGTMGFPLPAALGVK.M	25
PLOG+475	proteomics_log	86995	87057	+	1	2	I.QELSTALQYELPVLVNLNRR.Y	25
PLOG+476	proteomics_log	87196	87246	+	1	2	H.ELESKLSEALEQVRNNR.L	21
PLOG+477	proteomics_log	87366	87410	+	3	199	R.ILSVLLLENESGALSR.V	19
PLOG+478	proteomics_log	87411	87434	+	3	79	R.VIGLFSQR.G	12
PLOG+479	proteomics_log	87435	87491	+	3	70	R.GYNIESLTVAPTDDPTLSR.M	23
PLOG+480	proteomics_log	87492	87521	+	3	5	R.MTIQTVGDEK.V	14
PLOG+481	proteomics_log	87492	87572	+	3	10	R.M*TIQTVGDEKQVLEQIEKQLHKLVDVLR.V	32
PLOG+482	proteomics_log	87492	87572	+	3	40	R.MTIQTVGDEKQVLEQIEKQLHKLVDVLR.V	31
PLOG+483	proteomics_log	87573	87608	+	3	24	R.VSELQGAHVER.E	16
PLOG+484	proteomics_log	87747	87803	+	3	2	K.LDAFLASIRDVAKIVEVAR.S	23
PLOG+485	proteomics_log	87804	87845	+	3	5	R.SGVVGLSRGDKIMR.-	18
PLOG+486	proteomics_log	88214	88261	+	2	7	R.SIGLVIPDLENTSYTR.I	20
PLOG+487	proteomics_log	88436	88474	+	2	6	R.WANDPFPIVALDR.A	17
PLOG+488	proteomics_log	90211	90243	+	1	10	R.LILSQLGEEGR.L	15
PLOG+489	proteomics_log	90211	90288	+	1	65	R.LILSQLGEEGRLLAIDRDPQAIYAVAK.T	30
PLOG+490	proteomics_log	90361	90435	+	1	3	R.DLIGKIDGILLDLGVSSPQLDDAER.G	29
PLOG+491	proteomics_log	90370	90435	+	1	5	I.GKIDGILLDLGVSSPQLDDAER.G	26
PLOG+492	proteomics_log	90631	90702	+	1	3	R.TKELAEVVAATPVKDKFKHPATR.T	28
PLOG+493	proteomics_log	90721	90765	+	1	29	R.IWVNSELEEIEQALK.S	19
PLOG+494	proteomics_log	90721	90798	+	1	33	R.IWVNSELEEIEQALKSSLNVLAPGGR.L	30
PLOG+495	proteomics_log	90799	90834	+	1	2	R.LSIIISFHSLEDR.I	16
PLOG+496	proteomics_log	90952	90996	+	1	2	K.LMPGEEVAENPRAR.S	19
PLOG+497	proteomics_log	90952	90990	+	1	3	K.LMPGEEVAENPR.A	17
PLOG+498	proteomics_log	93526	93618	+	1	15	K.TTTTQLLAQWSQLLGEISAVMGTVGNLLGK.V	35
PLOG+499	proteomics_log	94411	94482	+	1	7	N.PRTEEPRAIINDILAGMLDAGHAK.V	28
PLOG+500	proteomics_log	94432	94482	+	1	97	R.AIINDILAGMLDAGHAK.V	21
PLOG+501	proteomics_log	94824	94901	+	3	12	K.AGGAGALLVSRPLDIDLPLQIVKDTR.L	30
PLOG+502	proteomics_log	94902	94934	+	3	2	R.LAFGELAAWVR.Q	15

PLOG+503	proteomics_log	96997	97065	+	1	8	R.LAGTARHCAFLDYFADAGSDWSG.N	27
PLOG+504	proteomics_log	100765	100788	+	1	2	R.MNTQQLAK.L	12
PLOG+505	proteomics_log	101086	101115	+	1	6	R.RAEMLAELMR.F	14
PLOG+506	proteomics_log	101713	101742	+	1	6	R.ALESFQGTGR.R	14
PLOG+507	proteomics_log	101743	101790	+	1	10	R.RFDLGEFPLEPVNGK.S	20
PLOG+508	proteomics_log	101923	102033	+	1	22	R.TRDLYDDFANVLTQVDTLLMLEVYPAGEAPIPGADSR.S	41
PLOG+509	proteomics_log	102100	102174	+	1	7	R.VAEMLAPVLTGNDLILVQGAGNIGK.I	29
PLOG+510	proteomics_log	102202	102237	+	1	2	K.LKPQTPPEEQHD.-	16
PLOG+511	proteomics_log	102428	102529	+	2	10	R.GGEDGTLQGMLELMGLPYTGSVGMASALSMDKLR.S	38
PLOG+512	proteomics_log	103097	103132	+	2	3	R.QAGMSFSQLVVR.I	16
PLOG+513	proteomics_log	104039	104116	+	2	2	K.VAALVGEVLPDGMVNIIGVGCPSRG.M	30
PLOG+514	proteomics_log	104882	104935	+	2	20	R.YTELLNLVNEEILQLQEK.L	22
PLOG+515	proteomics_log	105053	105142	+	2	4	R.IGAPLNITGLTDYAQEPYYSTAVGLLHYGK.E	34
PLOG+516	proteomics_log	105305	105403	+	2	50	T.MFEPMELTNDAVIKVIGVGGGGGNAVEHVMVRER.I	37
PLOG+517	proteomics_log	105305	105397	+	2	92	T.MFEPMELTNDAVIKVIGVGGGGGNAVEHVMVR.E	35
PLOG+518	proteomics_log	105305	105346	+	2	114	T.MFEPMELTNDAVIK.V	18
PLOG+519	proteomics_log	105347	105397	+	2	42	K.VIGVGGGGGNAVEHVMVR.E	21
PLOG+520	proteomics_log	105398	105457	+	2	38	R.ERIEGVEFFAVNTDAQALRK.T	24
PLOG+521	proteomics_log	105404	105502	+	2	2	R.IEGVEFFAVNTDAQALRKTAVGQTIQIGSGITK.G	37
PLOG+522	proteomics_log	105404	105454	+	2	18	R.IEGVEFFAVNTDAQALR.K	21
PLOG+523	proteomics_log	105404	105457	+	2	53	R.IEGVEFFAVNTDAQALRK.T	22
PLOG+524	proteomics_log	105458	105511	+	2	3	K.TAVGQTIQIGSGITKGLG.A	22
PLOG+525	proteomics_log	105458	105538	+	2	53	K.TAVGQTIQIGSGITKGLGAGANPEVGR.N	31
PLOG+526	proteomics_log	105458	105502	+	2	92	K.TAVGQTIQIGSGITK.G	19
PLOG+527	proteomics_log	105503	105538	+	2	136	K.GLGAGANPEVGR.N	16
PLOG+528	proteomics_log	105506	105538	+	2	2	G.LGAGANPEVGR.N	15
PLOG+529	proteomics_log	105539	105667	+	2	2	R.NAADEDRDALRAALEGADMVFIAAGMGGGTGTGAAPVVAEVAK.D	47
PLOG+530	proteomics_log	105539	105571	+	2	19	R.NAADEDRDALR.A	15
PLOG+531	proteomics_log	105572	105667	+	2	2	R.AALEGADM*VFIAAGM*GGGTGTGAAPVVAEVAK.D	38
PLOG+532	proteomics_log	105602	105724	+	2	2	F.IAAGM*GGGTGTGAAPVVAEVAKDLGILTAVVTKPFNFEGK.K	46
PLOG+533	proteomics_log	105668	105724	+	2	11	K.DLGILTVAVVTKPFNFEGK.K	23
PLOG+534	proteomics_log	105731	105805	+	2	2	R.MAFAEQGITELSKHVDSLITIPNDK.L	29
PLOG+535	proteomics_log	105731	105814	+	2	3	R.M*AFAEQGITELSKHVDSLITIPNDKLLK.V	33
PLOG+536	proteomics_log	105731	105826	+	2	3	R.M*AFAEQGITELSKHVDSLITIPNDKLLKVLGR.G	37
PLOG+537	proteomics_log	105731	105769	+	2	13	R.MAFAEQGITELSK.H	17
PLOG+538	proteomics_log	105731	105826	+	2	36	R.MAFAEQGITELSKHVDSLITIPNDKLLKVLGR.G	36
PLOG+539	proteomics_log	105731	105814	+	2	231	R.MAFAEQGITELSKHVDSLITIPNDKLLK.V	32
PLOG+540	proteomics_log	105737	105814	+	2	2	A.FAEQGITELSKHVDSLITIPNDKLLK.V	30
PLOG+541	proteomics_log	105770	105805	+	2	7	K.HVDSLITIPNDK.L	16
PLOG+542	proteomics_log	105770	105814	+	2	47	K.HVDSLITIPNDKLLK.V	19
PLOG+543	proteomics_log	105827	105946	+	2	9	R.GISLLDAFGAANDVLLKGAVQGIAELITRPGLM*NVDVFADVR.T	45
PLOG+544	proteomics_log	105827	105946	+	2	60	R.GISLLDAFGAANDVLLKGAVQGIAELITRPGLMNVDFADVR.T	44
PLOG+545	proteomics_log	105827	105874	+	2	157	R.GISLLDAFGAANDVLLK.G	20
PLOG+546	proteomics_log	105875	105946	+	2	2	K.GAVQGIAELITRPGLM*NVDVFADVR.T	29
PLOG+547	proteomics_log	105875	105946	+	2	46	K.GAVQGIAELITRPGLMNVDFADVR.T	28
PLOG+548	proteomics_log	106010	106078	+	2	3	R.AEEAAEM*AISSPLLEDIDLSGAR.G	28

PLOG+549	proteomics_log	106010	106078	+	2	7	R.AEEAAEMAISPLLEDIDLSGAR.G	27
PLOG+550	proteomics_log	106046	106078	+	2	6	P.LLEDIDLSGAR.G	15
PLOG+551	proteomics_log	106118	106153	+	2	50	R.LDEFETVGNTIR.A	16
PLOG+552	proteomics_log	106154	106225	+	2	2	R.AFASDNATVVIGTSLDPDM*NDEL.R.V	29
PLOG+553	proteomics_log	106199	106225	+	2	2	L.DPDM*NDEL.R.V	14
PLOG+554	proteomics_log	106226	106291	+	2	4	R.VTVVATGIGMDKRPEITLVTK.Q	26
PLOG+555	proteomics_log	106307	106372	+	2	6	P.VM*DRYQQHGM*APLTQEQQKPAK.V	28
PLOG+556	proteomics_log	106319	106372	+	2	3	R.YQQHGM*APLTQEQQKPAK.V	23
PLOG+557	proteomics_log	106319	106372	+	2	38	R.YQQHGMAPLTQEQQKPAK.V	22
PLOG+558	proteomics_log	106343	106372	+	2	4	P.LTQEQQKPAK.V	14
PLOG+559	proteomics_log	106373	106405	+	2	28	K.VVNDNAPQTAK.E	15
PLOG+560	proteomics_log	106373	106441	+	2	93	K.VVNDNAPQTAKEDYLDIPAF.LR.K	27
PLOG+561	proteomics_log	106373	106444	+	2	145	K.VVNDNAPQTAKEDYLDIPAF.LR.Q	28
PLOG+562	proteomics_log	108432	108509	+	3	3	R.ARLEKGEVLENLIPEAFVVR.E	30
PLOG+563	proteomics_log	108432	108494	+	3	38	R.ARLEKGEVLENLIPEAFVVR.E	25
PLOG+564	proteomics_log	108438	108494	+	3	37	R.LEKGEVLENLIPEAFVVR.E	23
PLOG+565	proteomics_log	108447	108494	+	3	10	K.GEVLENLIPEAFVVR.E	20
PLOG+566	proteomics_log	108525	108569	+	3	58	R.HFDVQLLGGMVLNER.C	19
PLOG+567	proteomics_log	108588	108650	+	3	2	R.TGEGKTLTATLPAYLNALTK.G	25
PLOG+568	proteomics_log	108603	108650	+	3	8	K.TLTATLPAYLNALTK.G	20
PLOG+569	proteomics_log	108651	108692	+	3	3	K.GVHVTVNDYLAQR.D	18
PLOG+570	proteomics_log	108693	108779	+	3	27	R.DAENNRPLFELGLTVGINLPGMPAPAKR.E	33
PLOG+571	proteomics_log	108882	108938	+	3	73	R.KLHYALVDEVDSILIDEAR.T	23
PLOG+572	proteomics_log	108885	108938	+	3	9	K.LHYALVDEVDSILIDEAR.T	22
PLOG+573	proteomics_log	109110	109142	+	3	2	R.GLVLIEELLVK.E	15
PLOG+574	proteomics_log	109245	109304	+	3	6	R.DVDYIVKDGVEIIVDEHTGR.T	24
PLOG+575	proteomics_log	109320	109358	+	3	2	R.RWSDGLHQAVEAK.E	17
PLOG+576	proteomics_log	109539	109613	+	3	37	R.KDLPDLVYMTEAEKIQAIIEDIKER.T	29
PLOG+577	proteomics_log	109542	109580	+	3	2	K.DLPDLVYM*TEAEK.I	18
PLOG+578	proteomics_log	109542	109613	+	3	48	K.DLPDLVYMTEAEKIQAIIEDIKER.T	28
PLOG+579	proteomics_log	109692	109724	+	3	19	K.AGIKHNVLNAK.F	15
PLOG+580	proteomics_log	109725	109805	+	3	9	K.FHANEAAIVQAAGYPAAVTIATNMAGR.G	31
PLOG+581	proteomics_log	109911	109961	+	3	9	R.HDAVLEAGGLHIIGTER.H	21
PLOG+582	proteomics_log	109974	109994	+	3	5	R.RIDNQLR.G	11
PLOG+583	proteomics_log	110034	110066	+	3	2	R.FYLSM*EDALM*R.I	17
PLOG+584	proteomics_log	110034	110066	+	3	59	R.FYLSMEDALMR.I	15
PLOG+585	proteomics_log	110103	110153	+	3	74	R.KLGMKPGEAIEHPWVTK.A	21
PLOG+586	proteomics_log	110106	110153	+	3	20	K.LGMKPGEAIEHPWVTK.A	20
PLOG+587	proteomics_log	110190	110249	+	3	4	R.NFDIRKQLLEYDDVANDQRR.A	24
PLOG+588	proteomics_log	110205	110249	+	3	2	R.KQLLEYDDVANDQRR.A	19
PLOG+589	proteomics_log	110247	110267	+	3	3	R.RAIYSQR.N	11
PLOG+590	proteomics_log	110268	110333	+	3	19	R.NELLDVSDVSETINSIREDVFK.A	26
PLOG+591	proteomics_log	110406	110486	+	3	5	R.LKNDFDLPLIAEWLDKEPELHEETLR.E	31
PLOG+592	proteomics_log	110406	110492	+	3	6	R.LKNDFDLPLIAEWLDKEPELHEETLRER.I	33
PLOG+593	proteomics_log	110493	110525	+	3	14	R.ILAQSIEVYQR.K	15
PLOG+594	proteomics_log	110526	110558	+	3	4	R.KEEVVGAEM*M*R.H	17

PLOG+595	proteomics_log	110559	110636	+	3	20	R.HFEKGVMLQTLDSLWKEHLAAMDYLR.Q	30
PLOG+596	proteomics_log	110571	110636	+	3	62	K.GVMLQTLDSLWKEHLAAMDYLR.Q	26
PLOG+597	proteomics_log	110595	110636	+	3	2	D.SLWKEHLAAMDYLR.Q	18
PLOG+598	proteomics_log	110664	110762	+	3	2	A.QKDPKQEYKRESFSMFAAMLES�KYEVISTLSK.V	37
PLOG+599	proteomics_log	110679	110762	+	3	2	K.QEYKRESFSMFAAMLES�KYEVISTLSK.V	32
PLOG+600	proteomics_log	110691	110762	+	3	4	K.RESFSMFAAMLES�KYEVISTLSK.V	28
PLOG+601	proteomics_log	110694	110735	+	3	5	R.EFSMFAAMLESK.Y	18
PLOG+602	proteomics_log	110694	110762	+	3	60	R.EFSMFAAMLES�KYEVISTLSK.V	27
PLOG+603	proteomics_log	110775	110810	+	3	2	R.MPEEVEELEQQR.R	16
PLOG+604	proteomics_log	110829	110909	+	3	2	R.LAQMQQLSHQDDSAALAAQTGER.K	31
PLOG+605	proteomics_log	113444	113500	+	2	6	H.M*RIEEDLKLGFKDVLRPK.R	24
PLOG+606	proteomics_log	113444	113500	+	2	128	H.MRIEEDLKLGFKDVLRPK.R	23
PLOG+607	proteomics_log	113468	113500	+	2	14	K.LGFKDVLRPK.R	15
PLOG+608	proteomics_log	113516	113542	+	2	64	K.SRSDVELER.Q	13
PLOG+609	proteomics_log	113735	113785	+	2	2	K.HVM*VSTGTSDADFEKTK.Q	22
PLOG+610	proteomics_log	113735	113785	+	2	3	K.HVMVSTGTSDADFEKTK.Q	21
PLOG+611	proteomics_log	113735	113779	+	2	4	K.HVMVSTGTSDADFEK.T	19
PLOG+612	proteomics_log	114134	114205	+	2	65	K.AFGGGADFVMLGGMLAGHEESGGR.I	28
PLOG+613	proteomics_log	114230	114271	+	2	24	K.FMLFYGMSSSESAMK.R	18
PLOG+614	proteomics_log	114275	114316	+	2	3	R.HVGGVAEYRAAEGK.T	18
PLOG+615	proteomics_log	114275	114301	+	2	28	R.HVGGVAEYR.A	13
PLOG+616	proteomics_log	114302	114361	+	2	3	R.AAEGKTVKPLRGPVENTAR.D	24
PLOG+617	proteomics_log	114317	114361	+	2	43	K.TVKPLRGPVENTAR.D	19
PLOG+618	proteomics_log	114326	114361	+	2	18	K.LPLRGPVENTAR.D	16
PLOG+619	proteomics_log	114383	114412	+	2	6	R.SACTYVGASR.L	14
PLOG+620	proteomics_log	114434	114469	+	2	2	R.TTFIRVQEENR.I	16
PLOG+621	proteomics_log	114449	114484	+	2	5	R.VQEENRIFNNL.-	16
PLOG+622	proteomics_log	118733	118768	+	2	16	C.MLLEQGWLVGAR.R	16
PLOG+623	proteomics_log	122293	122403	+	1	2	R.QGGGTFVQSSLWQSFSDPLVELLSDPESQYDLETR.H	41
PLOG+624	proteomics_log	122404	122445	+	1	2	R.HALEGIAAYAAALR.S	18
PLOG+625	proteomics_log	122761	122796	+	1	12	R.HLAFIEEILLDR.S	16
PLOG+626	proteomics_log	123020	123112	+	2	13	M.SERFPNDVDPIETRDWLQAIESVIREEGVER.A	35
PLOG+627	proteomics_log	123029	123061	+	2	2	R.FPNDVDPIETR.D	15
PLOG+628	proteomics_log	123062	123094	+	2	21	R.DWLQAIESVIR.E	15
PLOG+629	proteomics_log	123062	123151	+	2	80	R.DWLQAIESVIREEGVERAQYLIDQLLAEAR.K	34
PLOG+630	proteomics_log	123062	123112	+	2	88	R.DWLQAIESVIREEGVER.A	21
PLOG+631	proteomics_log	123113	123151	+	2	183	R.AQYLIDQLLAEAR.K	17
PLOG+632	proteomics_log	123152	123259	+	2	4	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELERR.I	40
PLOG+633	proteomics_log	123152	123256	+	2	27	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	39
PLOG+634	proteomics_log	123266	123304	+	2	12	R.SAIRWNAIMTVLR.A	17
PLOG+635	proteomics_log	123278	123304	+	2	22	R.WNAIMTVLR.A	13
PLOG+636	proteomics_log	123398	123469	+	2	106	R.ARNEQDGGDLVYFQGHISPGVYAR.A	28
PLOG+637	proteomics_log	123404	123469	+	2	37	R.NEQDGGDLVYFQGHISPGVYAR.A	26
PLOG+638	proteomics_log	123470	123562	+	2	9	R.AFLEGRLTQEQLDNFRQEVHGNGLSSYPHPK.L	35
PLOG+639	proteomics_log	123488	123562	+	2	20	R.LTQEQLDNFRQEVHGNGLSSYPHPK.L	29
PLOG+640	proteomics_log	123524	123637	+	2	12	E.VHGNGLSSYPHPKLM*PEFWQFPTVSMGLGPIGAIYQAK.F	43

PLOG+641	proteomics_log	123563	123637	+	2	2	K.LM*PEFWQFPTVSMGLGPIGAIYQAK.F	30
PLOG+642	proteomics_log	123563	123637	+	2	5	K.LMPEFWQFPTVSM*GLGPIGAIYQAK.F	30
PLOG+643	proteomics_log	123563	123637	+	2	136	K.LMPEFWQFPTVSMGLGPIGAIYQAK.F	29
PLOG+644	proteomics_log	123584	123637	+	2	3	Q.FPTVSMGLGPIGAIYQAK.F	22
PLOG+645	proteomics_log	123683	123736	+	2	8	K.QTVYAFLGDGEMDEPESK.G	22
PLOG+646	proteomics_log	123737	123760	+	2	14	K.GAITIATR.E	12
PLOG+647	proteomics_log	123809	123838	+	2	4	R.LDGPVTGNGK.I	14
PLOG+648	proteomics_log	123809	123892	+	2	55	R.LDGPVTGNGKIINELEGIFEGAGWNVIK.V	32
PLOG+649	proteomics_log	123839	123892	+	2	57	K.IINELEGIFEGAGWNVIK.V	22
PLOG+650	proteomics_log	123929	123997	+	2	2	R.KDTSGKLIQLMNETVDGDYQTFK.S	27
PLOG+651	proteomics_log	123947	123997	+	2	12	K.LIQLMNETVDGDYQTFK.S	21
PLOG+652	proteomics_log	124022	124102	+	2	7	R.EHFFGKYPETAALVADWTDEQIWALNR.G	31
PLOG+653	proteomics_log	124160	124228	+	2	4	K.GKATVILAHTIKGYGMGDAAEKG.N	27
PLOG+654	proteomics_log	124160	124228	+	2	4	K.GKATVILAHTIKGYGM*GDAAEKG.N	28
PLOG+655	proteomics_log	124160	124195	+	2	28	K.GKATVILAHTIK.G	16
PLOG+656	proteomics_log	124166	124249	+	2	2	K.ATVILAHTIKGYGMGDAAEKNIHQVK.K	32
PLOG+657	proteomics_log	124166	124228	+	2	5	K.ATVILAHTIKGYGMGDAAEKG.N	25
PLOG+658	proteomics_log	124166	124195	+	2	7	K.ATVILAHTIK.G	14
PLOG+659	proteomics_log	124196	124228	+	2	3	K.GYGM*GDAAEKG.N	16
PLOG+660	proteomics_log	124196	124228	+	2	4	K.GYGMGDAAEKG.N	15
PLOG+661	proteomics_log	124229	124252	+	2	19	K.NIAHQVKK.M	12
PLOG+662	proteomics_log	124283	124384	+	2	3	R.DRFNVVPSDADIEKLPYITFPEGSEEHTYLHAQR.Q	38
PLOG+663	proteomics_log	124289	124384	+	2	5	R.FNVVPSDADIEKLPYITFPEGSEEHTYLHAQR.Q	36
PLOG+664	proteomics_log	124415	124519	+	2	49	R.QPNFTEKLELPSLQDFGALLEEQSKEISTTIAFVR.A	39
PLOG+665	proteomics_log	124436	124519	+	2	87	K.LELPSLQDFGALLEEQSKEISTTIAFVR.A	32
PLOG+666	proteomics_log	124520	124546	+	2	3	R.ALNVM*LKNK.S	14
PLOG+667	proteomics_log	124520	124591	+	2	6	R.ALNVM*LKNKSIKDRLVPIIADEAR.T	29
PLOG+668	proteomics_log	124520	124546	+	2	13	R.ALNVMLKNK.S	13
PLOG+669	proteomics_log	124520	124591	+	2	41	R.ALNVMLKNKSIKDRLVPIIADEAR.T	28
PLOG+670	proteomics_log	124547	124618	+	2	2	K.SIKDRLVPIIADEARTFGM*EGLFR.Q	29
PLOG+671	proteomics_log	124547	124618	+	2	3	K.SIKDRLVPIIADEARTFGMEGLFR.Q	28
PLOG+672	proteomics_log	124547	124591	+	2	42	K.SIKDRLVPIIADEAR.T	19
PLOG+673	proteomics_log	124562	124618	+	2	4	R.LVPPIADEARTFGMEGLFR.Q	23
PLOG+674	proteomics_log	124562	124591	+	2	16	R.LVPPIADEAR.T	14
PLOG+675	proteomics_log	124568	124591	+	2	4	V.PPIADEAR.T	12
PLOG+676	proteomics_log	124592	124618	+	2	79	R.TFGMEGLFR.Q	13
PLOG+677	proteomics_log	124619	124669	+	2	5	R.QIGIYSPNGQQYTPQDR.E	21
PLOG+678	proteomics_log	124880	124909	+	2	41	R.GFLIGGTSGR.T	14
PLOG+679	proteomics_log	125063	125152	+	2	2	K.QENYYYYITTLNENYHMPAMPEGAEEGIRK.G	34
PLOG+680	proteomics_log	125063	125149	+	2	4	K.QENYYYYITTLNENYHMPAMPEGAEEGIR.K	33
PLOG+681	proteomics_log	125153	125188	+	2	7	K.GIYKLETIEGSK.G	16
PLOG+682	proteomics_log	125153	125227	+	2	7	K.GIYKLETIEGSKGKGVQLLGSILR.H	29
PLOG+683	proteomics_log	125189	125227	+	2	41	K.GKVQLLGSILR.H	17
PLOG+684	proteomics_log	125195	125227	+	2	96	K.VQLLGSILR.H	15
PLOG+685	proteomics_log	125228	125260	+	2	3	R.HVREAAEILAK.D	15
PLOG+686	proteomics_log	125228	125317	+	2	40	R.HVREAAEILAKDYGVGSDVYSVTSFTELAR.D	34

PLOG+687	proteomics_log	125237	125317	+	2	43	R.EAAEILAKDYGVGSDVYSVTSFTELAR.D	31
PLOG+688	proteomics_log	125261	125317	+	2	24	K.DYGVGSDVYSVTSFTELAR.D	23
PLOG+689	proteomics_log	125339	125371	+	2	5	R.WNMLHPLETTPR.V	15
PLOG+690	proteomics_log	125339	125434	+	2	9	R.WNMLHPLETTPRVPIAQVMNDAPAVASTDYM.K.L	36
PLOG+691	proteomics_log	125372	125455	+	2	3	R.VPIAQVMNDAPAVASTDYMKLFAEQVR.T	32
PLOG+692	proteomics_log	125456	125482	+	2	3	R.TYVPADDYR.V	13
PLOG+693	proteomics_log	125456	125509	+	2	5	R.TYVPADDYRVLGTDGFGR.S	22
PLOG+694	proteomics_log	125510	125593	+	2	35	R.SDSRENLRHHFEVDASYVVVAALGELAK.R	32
PLOG+695	proteomics_log	125522	125593	+	2	9	R.ENLRHHFEVDASYVVVAALGELAK.R	28
PLOG+696	proteomics_log	125534	125596	+	2	4	R.HHFEVDASYVVVAALGELAKR.G	25
PLOG+697	proteomics_log	125534	125593	+	2	25	R.HHFEVDASYVVVAALGELAK.R	24
PLOG+698	proteomics_log	125594	125638	+	2	15	K.RGEIDKVVADAIK.F	19
PLOG+699	proteomics_log	125594	125671	+	2	27	K.RGEIDKVVADAIKFNIDADKVNPR.L	30
PLOG+700	proteomics_log	125597	125671	+	2	2	R.GEIDKVVADAIKFNIDADKVNPR.L	29
PLOG+701	proteomics_log	125615	125677	+	2	2	K.VVADAIKFNIDADKVNPR.L-	25
PLOG+702	proteomics_log	125615	125671	+	2	78	K.VVADAIKFNIDADKVNPR.L	23
PLOG+703	proteomics_log	125639	125677	+	2	2	K.FNIDADKVNPR.L-	17
PLOG+704	proteomics_log	125639	125671	+	2	123	K.FNIDADKVNPR.L	15
PLOG+705	proteomics_log	125698	125763	+	1	73	M.AIEIKVPDIGADEVEITEILVK.V	26
PLOG+706	proteomics_log	125713	125763	+	1	2	K.VPDIGADEVEITEILVK.V	21
PLOG+707	proteomics_log	125968	126012	+	1	4	K.KEAAPAAAPAAAAA.D	19
PLOG+708	proteomics_log	126013	126072	+	1	4	K.DVNVPDIGSDEVEVEITEILVK.V	24
PLOG+709	proteomics_log	126268	126315	+	1	9	K.QEAAPAAAPAPAAGVK.E	20
PLOG+710	proteomics_log	126505	126600	+	1	4	K.TGSLIMIFEVEGAAPAAAPAKQEAAPAPAAK.A	36
PLOG+711	proteomics_log	126577	126645	+	1	28	A.AAPAPAAKAEAPAAAPAAKAEKGK.S	27
PLOG+712	proteomics_log	126601	126633	+	1	26	K.AEAPAAAPAAK.A	15
PLOG+713	proteomics_log	126601	126645	+	1	82	K.AEAPAAAPAAKAEKGK.S	19
PLOG+714	proteomics_log	126634	126699	+	1	46	K.AEGKSEFAENDAYVHATPLIRR.L	26
PLOG+715	proteomics_log	126634	126696	+	1	128	K.AEGKSEFAENDAYVHATPLIR.R	25
PLOG+716	proteomics_log	126646	126699	+	1	22	K.SEFAENDAYVHATPLIRR.L	22
PLOG+717	proteomics_log	126646	126696	+	1	40	K.SEFAENDAYVHATPLIR.R	21
PLOG+718	proteomics_log	126697	126732	+	1	2	R.RLAREFGVNLAK.V	16
PLOG+719	proteomics_log	126700	126759	+	1	2	R.LAREFGVNLAKVKGTGRKGR.I	24
PLOG+720	proteomics_log	126700	126750	+	1	6	R.LAREFGVNLAKVKGTGR.K	21
PLOG+721	proteomics_log	126700	126732	+	1	159	R.LAREFGVNLAK.V	15
PLOG+722	proteomics_log	126709	126750	+	1	8	R.EFGVNLAKVKGTGR.K	18
PLOG+723	proteomics_log	126709	126732	+	1	23	R.EFGVNLAK.V	12
PLOG+724	proteomics_log	126760	126810	+	1	2	R.ILREDVQAYVKEAIKRA.E	21
PLOG+725	proteomics_log	126760	126867	+	1	4	R.ILREDVQAYVKEAIKRAEAPAAATGGGIPGMLPWP.V	40
PLOG+726	proteomics_log	126760	126804	+	1	28	R.ILREDVQAYVKEAIK.R	19
PLOG+727	proteomics_log	126760	126792	+	1	122	R.ILREDVQAYVK.E	15
PLOG+728	proteomics_log	126760	126807	+	1	169	R.ILREDVQAYVKEAIKR.A	20
PLOG+729	proteomics_log	126808	126867	+	1	52	R.AEAAPAAATGGGIPGMLPWP.V	24
PLOG+730	proteomics_log	126868	126948	+	1	2	K.VDFSKFGEIEEVELGRIQKISGANLSR.N	31
PLOG+731	proteomics_log	126868	126942	+	1	5	K.VDFSKFGEIEEVELGRIQKISGANL.S	29
PLOG+732	proteomics_log	126868	126924	+	1	37	K.VDFSKFGEIEEVELGRIQK.I	23

PLOG+733	proteomics_log	126868	126915	+	1	184	K.VDFSKFGEIEEVELGR.I	20
PLOG+734	proteomics_log	126883	126924	+	1	7	K.FGEIEEVELGRIQK.I	18
PLOG+735	proteomics_log	126883	126948	+	1	14	K.FGEIEEVELGRIQKISGANLSR.N	26
PLOG+736	proteomics_log	126883	126915	+	1	105	K.FGEIEEVELGR.I	15
PLOG+737	proteomics_log	126916	126948	+	1	27	R.IQKISGANLSR.N	15
PLOG+738	proteomics_log	126925	126948	+	1	11	K.ISGANLSR.N	12
PLOG+739	proteomics_log	126949	127017	+	1	7	R.NWVMIPHVTHFDKTDITELEAFR.K	27
PLOG+740	proteomics_log	126949	127020	+	1	55	R.NWVMIPHVTHFDKTDITELEAFRK.Q	28
PLOG+741	proteomics_log	127048	127089	+	1	3	R.KLDVKITPVVFIM*K.A	19
PLOG+742	proteomics_log	127048	127122	+	1	23	R.KLDVKITPVVFIMKAVAAALEQMPR.F	29
PLOG+743	proteomics_log	127048	127089	+	1	76	R.KLDVKITPVVFIMK.A	18
PLOG+744	proteomics_log	127051	127089	+	1	2	K.LDVKITPVVFIMK.A	17
PLOG+745	proteomics_log	127051	127122	+	1	10	K.LDVKITPVVFIMKAVAAALEQMPR.F	28
PLOG+746	proteomics_log	127063	127122	+	1	2	K.ITPVVFIM*KAVAAALEQMPR.F	25
PLOG+747	proteomics_log	127063	127089	+	1	2	K.ITPVVFIMK.A	13
PLOG+748	proteomics_log	127063	127122	+	1	3	K.ITPVVFIMKAVAAALEQM*PR.F	25
PLOG+749	proteomics_log	127063	127122	+	1	2	K.ITPVVFIM*KAVAAALEQM*PR.F	26
PLOG+750	proteomics_log	127063	127122	+	1	21	K.ITPVVFIMKAVAAALEQMPR.F	24
PLOG+751	proteomics_log	127090	127122	+	1	9	K.AVAAALEQM*PR.F	16
PLOG+752	proteomics_log	127090	127122	+	1	232	K.AVAAALEQMPR.F	15
PLOG+753	proteomics_log	127099	127170	+	1	5	A.AALEQM*PRFNSSLSEDGQRLTLKK.Y	29
PLOG+754	proteomics_log	127123	127167	+	1	17	R.FNSSLSEDGQRLTLK.K	19
PLOG+755	proteomics_log	127123	127170	+	1	38	R.FNSSLSEDGQRLTLKK.Y	20
PLOG+756	proteomics_log	127123	127155	+	1	62	R.FNSSLSEDGQR.L	15
PLOG+757	proteomics_log	127168	127245	+	1	3	K.KYINIGVAVDTPNGLVVPVFKDVNKK.G	30
PLOG+758	proteomics_log	127171	127287	+	1	2	K.YINIGVAVDTPNGLVVPVFKDVNKKGIIELSRELMTISK.K	43
PLOG+759	proteomics_log	127171	127230	+	1	5	K.YINIGVAVDTPNGLVVPVFK.D	24
PLOG+760	proteomics_log	127171	127266	+	1	12	K.YINIGVAVDTPNGLVVPVFKDVNKKGIIELSR.E	36
PLOG+761	proteomics_log	127171	127245	+	1	81	K.YINIGVAVDTPNGLVVPVFKDVNKK.G	29
PLOG+762	proteomics_log	127243	127266	+	1	2	K.KGIIELSR.E	12
PLOG+763	proteomics_log	127246	127290	+	1	2	K.GIIELSRELMTISKK.A	19
PLOG+764	proteomics_log	127246	127287	+	1	6	K.GIIELSRELMTISK.K	18
PLOG+765	proteomics_log	127267	127287	+	1	2	R.ELMTISK.K	11
PLOG+766	proteomics_log	127267	127296	+	1	2	R.ELM*TISKKAR.D	15
PLOG+767	proteomics_log	127267	127296	+	1	3	R.ELMTISKKAR.D	14
PLOG+768	proteomics_log	127297	127332	+	1	2	R.DGKLTAGEM*QGG.C	17
PLOG+769	proteomics_log	127426	127470	+	1	5	K.SAM*EPVWNGKEFVPR.L	20
PLOG+770	proteomics_log	127426	127470	+	1	171	K.SAMEPVWNGKEFVPR.L	19
PLOG+771	proteomics_log	127471	127533	+	1	6	R.LM*LPISLSFDHRVIDGADGAR.F	26
PLOG+772	proteomics_log	127471	127506	+	1	18	R.LM*LPISLSFDHR.V	17
PLOG+773	proteomics_log	127471	127533	+	1	134	R.LMLPISLSFDHRVIDGADGAR.F	25
PLOG+774	proteomics_log	127471	127506	+	1	135	R.LMLPISLSFDHR.V	16
PLOG+775	proteomics_log	127480	127506	+	1	5	L.PISLSFDHR.V	13
PLOG+776	proteomics_log	127507	127575	+	1	2	R.VIDGADGARFITIINNTLSDIRR.L	27
PLOG+777	proteomics_log	127507	127533	+	1	26	R.VIDGADGAR.F	13
PLOG+778	proteomics_log	127534	127584	+	1	7	R.FITIIINNTLSDIRRLVM.-	21

PLOG+779	proteomics_log	127534	127563	+	1	68	R.FITIINNTLS.D	14
PLOG+780	proteomics_log	127534	127575	+	1	76	R.FITIINNTLSDIRR.L	18
PLOG+781	proteomics_log	127534	127572	+	1	220	R.FITIINNTLSDIR.R	17
PLOG+782	proteomics_log	127915	127983	+	1	379	M.STEIKTQVVVLGAGPAGYSAAFR.C	27
PLOG+783	proteomics_log	127930	127983	+	1	221	K.TQVVVLGAGPAGYSAAFR.C	22
PLOG+784	proteomics_log	128074	128172	+	1	5	K.ALLHVAKVIEEAKALAEHGIVFGPEKTDIDKIR.T	37
PLOG+785	proteomics_log	128074	128112	+	1	64	K.ALLHVAKVIEEAK.A	17
PLOG+786	proteomics_log	128074	128151	+	1	69	K.ALLHVAKVIEEAKALAEHGIVFGPEK.T	30
PLOG+787	proteomics_log	128083	128172	+	1	3	L.HVAKVIEEAKALAEHGIVFGPEKTDIDKIR.T	34
PLOG+788	proteomics_log	128095	128229	+	1	3	K.VIEEAKALAEHGIVFGPEKTDIDKIRTWKEKVINQLTGGLAGM*AK.G	50
PLOG+789	proteomics_log	128095	128172	+	1	65	K.VIEEAKALAEHGIVFGPEKTDIDKIR.T	30
PLOG+790	proteomics_log	128095	128151	+	1	95	K.VIEEAKALAEHGIVFGPEK.T	23
PLOG+791	proteomics_log	128113	128187	+	1	3	K.ALAEHGIVFGPEKTDIDKIRTWKEK.V	29
PLOG+792	proteomics_log	128113	128151	+	1	26	K.ALAEHGIVFGPEK.T	17
PLOG+793	proteomics_log	128113	128172	+	1	96	K.ALAEHGIVFGPEKTDIDKIR.T	24
PLOG+794	proteomics_log	128152	128229	+	1	33	K.TDIDKIRTWKEKVINQLTGGLAGMAK.G	30
PLOG+795	proteomics_log	128173	128229	+	1	8	R.TWKEKVINQLTGGLAGM*AK.G	24
PLOG+796	proteomics_log	128173	128229	+	1	195	R.TWKEKVINQLTGGLAGMAK.G	23
PLOG+797	proteomics_log	128182	128229	+	1	37	K.EKVINQLTGGLAGMAK.G	20
PLOG+798	proteomics_log	128188	128217	+	1	4	K.VINQLTGGLA.G	14
PLOG+799	proteomics_log	128188	128229	+	1	48	K.VINQLTGGLAGM*AK.G	19
PLOG+800	proteomics_log	128188	128229	+	1	276	K.VINQLTGGLAGMAK.G	18
PLOG+801	proteomics_log	128230	128265	+	1	3	K.GRKVKVNVNGLGK.F	16
PLOG+802	proteomics_log	128239	128265	+	1	7	K.VKVVNGLGK.F	13
PLOG+803	proteomics_log	128266	128310	+	1	10	K.FTGANTLEVEGENGK.T	19
PLOG+804	proteomics_log	128311	128442	+	1	2	K.TVINFDNAIIAAGSRPIQLPFIHPEDPRIWDSTDALELKEVPER.L	48
PLOG+805	proteomics_log	128311	128394	+	1	22	K.TVINFDNAIIAAGSRPIQLPFIHPEDPR.I	32
PLOG+806	proteomics_log	128395	128427	+	1	25	R.IWDSTDALELKE.E	15
PLOG+807	proteomics_log	128395	128442	+	1	29	R.IWDSTDALELKEVPER.L	20
PLOG+808	proteomics_log	128443	128571	+	1	161	R.LLVMGGGIIGLEMGTVYHALGSQIDVVEMFDQVIPAADKDIVK.V	47
PLOG+809	proteomics_log	128587	128622	+	1	10	R.ISKKFNL*LETK.V	17
PLOG+810	proteomics_log	128587	128622	+	1	239	R.ISKKFNL*LETK.V	16
PLOG+811	proteomics_log	128596	128622	+	1	7	K.KFNL*LETK.V	13
PLOG+812	proteomics_log	128599	128622	+	1	2	K.FNL*LETK.V	13
PLOG+813	proteomics_log	128599	128622	+	1	11	K.FNL*LETK.V	12
PLOG+814	proteomics_log	128623	128676	+	1	10	K.VTAVEAKEDGIYVTM*EGK.K	23
PLOG+815	proteomics_log	128623	128643	+	1	11	K.VTAVEAK.E	11
PLOG+816	proteomics_log	128623	128676	+	1	186	K.VTAVEAKEDGIYVTMEGK.K	22
PLOG+817	proteomics_log	128644	128676	+	1	5	K.EDGIYVTM*EGK.K	16
PLOG+818	proteomics_log	128644	128676	+	1	21	K.EDGIYVTMEGK.K	15
PLOG+819	proteomics_log	128677	128799	+	1	2	K.KAPAEPQRYDAVLVAIGRVPNGKNLDAGKAGVEVDDRGFIR.V	45
PLOG+820	proteomics_log	128677	128763	+	1	3	K.KAPAEPQRYDAVLVAIGRVPNGKNLDAGK.A	33
PLOG+821	proteomics_log	128677	128730	+	1	17	K.KAPAEPQRYDAVLVAIGR.V	22
PLOG+822	proteomics_log	128677	128745	+	1	128	K.KAPAEPQRYDAVLVAIGRVPNGK.N	27
PLOG+823	proteomics_log	128746	128787	+	1	12	K.NLDAGKAGVEVDDR.G	18
PLOG+824	proteomics_log	128764	128787	+	1	9	K.AGVEVDDR.G	12

PLOG+825	proteomics_log	128788	128817	+	1	4	R.GFIRVDKQLR.T	14
PLOG+826	proteomics_log	128818	128925	+	1	8	R.TNVPHIFAIGDIVGQPM*LAHKGVHEGHVAAEVIAGK.K	41
PLOG+827	proteomics_log	128818	128925	+	1	10	R.TNVPHIFAIGDIVGQPLAHKGVHEGHVAAEVIAGK.K	40
PLOG+828	proteomics_log	128818	128880	+	1	51	R.TNVPHIFAIGDIVGQPM*LAHK.G	26
PLOG+829	proteomics_log	128818	128880	+	1	225	R.TNVPHIFAIGDIVGQPLAHK.G	25
PLOG+830	proteomics_log	128881	128946	+	1	33	K.GVHEGHVAAEVIAGKKHYFDPK.V	26
PLOG+831	proteomics_log	128881	128928	+	1	41	K.GVHEGHVAAEVIAGKK.H	20
PLOG+832	proteomics_log	128881	128925	+	1	54	K.GVHEGHVAAEVIAGK.K	19
PLOG+833	proteomics_log	128920	129006	+	1	36	A.GKKHYFDPKVIPSIAYTEPEVAWVGLTEK.E	33
PLOG+834	proteomics_log	128947	129015	+	1	22	K.VIPSIAYTEPEVAWVGLTEKEAK.E	27
PLOG+835	proteomics_log	128947	129069	+	1	34	K.VIPSIAYTEPEVAWVGLTEKEAKEKGISYETATFPWAASGR.A	45
PLOG+836	proteomics_log	128947	129006	+	1	112	K.VIPSIAYTEPEVAWVGLTEK.E	24
PLOG+837	proteomics_log	128953	129006	+	1	2	I.PSIAYTEPEVAWVGLTEK.E	22
PLOG+838	proteomics_log	129016	129069	+	1	118	K.EKGISYETATFPWAASGR.A	22
PLOG+839	proteomics_log	129022	129069	+	1	273	K.GISYETATFPWAASGR.A	20
PLOG+840	proteomics_log	129070	129132	+	1	2	R.AIASDCADGMTKLIFDKESHR.V	25
PLOG+841	proteomics_log	129070	129105	+	1	7	R.AIASDCADGMTK.L	16
PLOG+842	proteomics_log	129106	129132	+	1	61	K.LIFDKESHR.V	13
PLOG+843	proteomics_log	131651	131719	+	2	4	R.AAEGIAPKPLDANQMAALVELLK.N	27
PLOG+844	proteomics_log	131693	131806	+	2	3	Q.MAALVELLKNPPAGEEEFLDLLTNRVPPGVDEAAYVK.A	42
PLOG+845	proteomics_log	131807	131944	+	2	4	K.AGFLAAIAKGEAKSPLLTPEKAIELLGTM*QGGYNIHPLIDALDDAK.L	51
PLOG+846	proteomics_log	131807	131833	+	2	9	K.AGFLAAIAK.G	13
PLOG+847	proteomics_log	131807	131845	+	2	11	K.AGFLAAIAKGEAK.S	17
PLOG+848	proteomics_log	131846	131869	+	2	2	K.SPLLTPEK.A	12
PLOG+849	proteomics_log	131846	131965	+	2	3	K.SPLLTPEKAIELLGTM*QGGYNIHPLIDALDDAKLAPIAAK.A	45
PLOG+850	proteomics_log	131846	131944	+	2	3	K.SPLLTPEKAIELLGTM*QGGYNIHPLIDALDDAK.L	38
PLOG+851	proteomics_log	131846	131965	+	2	23	K.SPLLTPEKAIELLGTMQGGYNIHPLIDALDDAKLAPIAAK.A	44
PLOG+852	proteomics_log	131846	131944	+	2	70	K.SPLLTPEKAIELLGTMQGGYNIHPLIDALDDAK.L	37
PLOG+853	proteomics_log	131870	131965	+	2	14	K.AIELLGTMQGGYNIHPLIDALDDAKLAPIAAK.A	36
PLOG+854	proteomics_log	131870	131944	+	2	25	K.AIELLGTMQGGYNIHPLIDALDDAK.L	29
PLOG+855	proteomics_log	131876	131965	+	2	8	I.ELLGTMQGGYNIHPLIDALDDAKLAPIAAK.A	34
PLOG+856	proteomics_log	131945	132019	+	2	2	K.LAPIAAKALSHTLLMFDNFYDVEEK.A	29
PLOG+857	proteomics_log	131966	132019	+	2	13	K.ALSHTLLM*FDNFYDVEEK.A	23
PLOG+858	proteomics_log	131966	132046	+	2	68	K.ALSHTLLMFDNFYDVEEKAKAGNEYAK.Q	31
PLOG+859	proteomics_log	131966	132025	+	2	99	K.ALSHTLLMFDNFYDVEEKAK.A	24
PLOG+860	proteomics_log	131966	132019	+	2	106	K.ALSHTLLMFDNFYDVEEK.A	22
PLOG+861	proteomics_log	132047	132130	+	2	10	K.QVMQSWADAEWFLNRPALAEKLTVTVK.V	32
PLOG+862	proteomics_log	132047	132109	+	2	41	K.QVMQSWADAEWFLNRPALAEK.L	25
PLOG+863	proteomics_log	132131	132223	+	2	129	K.VTGETNTDDLSPAPDAWSRPDIPLHALAMLK.N	35
PLOG+864	proteomics_log	132224	132277	+	2	2	K.NAREGIEPDQPGVVGPIK.Q	22
PLOG+865	proteomics_log	132224	132301	+	2	106	K.NAREGIEPDQPGVVGPIKQIEALQQK.G	30
PLOG+866	proteomics_log	132233	132301	+	2	5	R.EGIEPDQPGVVGPIKQIEALQQK.G	27
PLOG+867	proteomics_log	132233	132352	+	2	5	R.EGIEPDQPGVVGPIKQIEALQQKGFPLAYVGDVVGTSR.K	44
PLOG+868	proteomics_log	132233	132277	+	2	7	R.EGIEPDQPGVVGPIK.Q	19
PLOG+869	proteomics_log	132302	132355	+	2	72	K.GFPLAYVGDVVGTSR.K.S	22
PLOG+870	proteomics_log	132302	132352	+	2	285	K.GFPLAYVGDVVGTSR.K	21

PLOG+871	proteomics_log	132353	132418	+	2	9	R.KSATNSVLWFM*GDDIPHPNKR.G	27
PLOG+872	proteomics_log	132353	132418	+	2	63	R.KSATNSVLWFMGDDIPHPNKR.G	26
PLOG+873	proteomics_log	132356	132418	+	2	82	K.SATNSVLWFMGDDIPHPNKR.G	25
PLOG+874	proteomics_log	132446	132565	+	2	3	K.IAPIFFNTMEDAGALPIEVDVSNLNM*GDVIDVYPYKGEVR.N	45
PLOG+875	proteomics_log	132446	132565	+	2	3	K.IAPIFFNTM*EDAGALPIEVDVSNLNM*GDVIDVYPYKGEVR.N	46
PLOG+876	proteomics_log	132446	132565	+	2	123	K.IAPIFFNTMEDAGALPIEVDVSNLNMGDVIDVYPYKGEVR.N	44
PLOG+877	proteomics_log	132566	132667	+	2	19	R.NHETGELLATFELKTDVLIDEVRAGGRIPLIIGR.G	38
PLOG+878	proteomics_log	132566	132607	+	2	29	R.NHETGELLATFELK.T	18
PLOG+879	proteomics_log	132566	132634	+	2	72	R.NHETGELLATFELKTDVLIDEVR.A	27
PLOG+880	proteomics_log	132608	132634	+	2	34	K.TDVLIDEVR.A	13
PLOG+881	proteomics_log	132635	132667	+	2	110	R.AGGRIPLIIGR.G	15
PLOG+882	proteomics_log	132668	132724	+	2	16	R.GLTTKAREALGLPHSDVFR.Q	23
PLOG+883	proteomics_log	132683	132724	+	2	85	K.AREALGLPHSDVFR.Q	18
PLOG+884	proteomics_log	132689	132733	+	2	4	R.EALGLPHSDVFRQAK.D	19
PLOG+885	proteomics_log	132689	132775	+	2	30	R.EALGLPHSDVFRQAKDVAESDRGFSLAQK.M	33
PLOG+886	proteomics_log	132689	132724	+	2	41	R.EALGLPHSDVFR.Q	16
PLOG+887	proteomics_log	132725	132787	+	2	11	R.QAKDVAESDRGFSLAQKMVGR.A	25
PLOG+888	proteomics_log	132725	132775	+	2	51	R.QAKDVAESDRGFSLAQK.M	21
PLOG+889	proteomics_log	132734	132787	+	2	19	K.DVAESDRGFSLAQKMVGR.A	22
PLOG+890	proteomics_log	132734	132775	+	2	89	K.DVAESDRGFSLAQK.M	18
PLOG+891	proteomics_log	132836	132880	+	2	3	K.MTSVGSQDTTGPM*TR.D	20
PLOG+892	proteomics_log	132836	132880	+	2	3	K.M*TSVGSQDTTGPM*TR.D	21
PLOG+893	proteomics_log	132836	132880	+	2	19	K.MTSVGSQDTTGPMTR.D	19
PLOG+894	proteomics_log	133016	133069	+	2	343	R.GGVSLRPGDGVHISWLN.R	22
PLOG+895	proteomics_log	133118	133219	+	2	5	R.FPIGISFPAGSGLVAFAAATGVMLDMPESVLVR.F	38
PLOG+896	proteomics_log	133232	133318	+	2	4	K.MQPGITLRDLVHAIPLYAIKQGLLVEKK.G	33
PLOG+897	proteomics_log	133232	133291	+	2	8	K.M*QPGITLRDLVHAIPLYAIK.Q	25
PLOG+898	proteomics_log	133232	133315	+	2	40	K.MQPGITLRDLVHAIPLYAIKQGLLVEK.K	32
PLOG+899	proteomics_log	133232	133291	+	2	47	K.MQPGITLRDLVHAIPLYAIK.Q	24
PLOG+900	proteomics_log	133256	133315	+	2	31	R.DLVHAIPLYAIKQGLLVEK.K	24
PLOG+901	proteomics_log	133256	133318	+	2	44	R.DLVHAIPLYAIKQGLLVEKK.G	25
PLOG+902	proteomics_log	133256	133291	+	2	129	R.DLVHAIPLYAIK.Q	16
PLOG+903	proteomics_log	133292	133345	+	2	2	K.QGLLVEKKGKKNIFSGR.I	22
PLOG+904	proteomics_log	133346	133378	+	2	88	R.ILEIEGLPDLK.V	15
PLOG+905	proteomics_log	133346	133420	+	2	221	R.ILEIEGLPDLKVEQAFELTDASAER.S	29
PLOG+906	proteomics_log	133379	133420	+	2	10	K.VEQAFELTDASAER.S	18
PLOG+907	proteomics_log	133445	133498	+	2	53	K.LNKEPIIEYLNINIVLLK.W	22
PLOG+908	proteomics_log	133769	133840	+	2	18	R.AAGKLLDAHKGQLPTRLVWVAPPTR.M	28
PLOG+909	proteomics_log	133769	133816	+	2	75	R.AAGKLLDAHKGQLPTR.L	20
PLOG+910	proteomics_log	133781	133840	+	2	13	K.LLDAHKGQLPTRLVWVAPPTR.M	24
PLOG+911	proteomics_log	133781	133816	+	2	133	K.LLDAHKGQLPTR.L	16
PLOG+912	proteomics_log	133817	133891	+	2	9	R.LWVAPPTRMDAAQLTEEGYYSVFGK.S	29
PLOG+913	proteomics_log	133841	133903	+	2	5	R.MDAAQLTEEGYYSVFGKSGAR.I	25
PLOG+914	proteomics_log	133841	133891	+	2	6	R.M*DAAQLTEEGYYSVFGK.S	22
PLOG+915	proteomics_log	133841	133891	+	2	282	R.MDAAQLTEEGYYSVFGK.S	21
PLOG+916	proteomics_log	133949	133987	+	2	196	R.VADGATVVSTSTR.N	17

PLOG+917	proteomics_log	133988	134119	+	2	3	R.NFPNRLGTGANVFLASAELA AAVAALIGKLPTPEEYQTYVAQVDK.T	48
PLOG+918	proteomics_log	134003	134140	+	2	5	R.LGTGANVFLASAELA AAVAALIGKLPTPEEYQTYVAQVDKTAVDTYR.Y	50
PLOG+919	proteomics_log	134003	134071	+	2	9	R.LGTGANVFLASAELA AAVAALIGK.L	27
PLOG+920	proteomics_log	134003	134119	+	2	11	R.LGTGANVFLASAELA AAVAALIGKLPTPEEYQTYVAQVDK.T	43
PLOG+921	proteomics_log	134108	134140	+	2	2	A.QVDKTAVDTYR.Y	15
PLOG+922	proteomics_log	134141	134209	+	2	53	R.YLNFNQLSQYTEKADGVIFQTAV.-	27
PLOG+923	proteomics_log	134141	134179	+	2	99	R.YLNFNQLSQYTEK.A	17
PLOG+924	proteomics_log	134180	134209	+	2	10	K.ADGVIFQTAV.-	14
PLOG+925	proteomics_log	134388	134435	+	3	3	T.MDYEFRLDITGVVKVR.M	20
PLOG+926	proteomics_log	134436	134549	+	3	2	R.MSMGHEVVGHWVFNEEVKENLALLDEVEQA AHALKGSER.S	42
PLOG+927	proteomics_log	137167	137217	+	1	56	A.AERPTLPIDLLTTDAR.N	21
PLOG+928	proteomics_log	137224	137268	+	1	19	R.IQLTIGAGQSTFGGK.T	19
PLOG+929	proteomics_log	137269	137319	+	1	5	K.TATTWGYNGNLLGPAVK.L	21
PLOG+930	proteomics_log	137533	137604	+	1	8	R.QVAMGLAGLVVIEDDEILKLMLPK.Q	28
PLOG+931	proteomics_log	137809	137922	+	1	24	R.SLNFATSDNRPLYVIASDGGLLPEPVKSELVLMGER.F	42
PLOG+932	proteomics_log	138037	138132	+	1	10	R.IQP IAISASGALPDTLSSLPALPSLEGLTVRK.L	36
PLOG+933	proteomics_log	138037	138129	+	1	151	R.IQP IAISASGALPDTLSSLPALPSLEGLTVR.K	35
PLOG+934	proteomics_log	138130	138192	+	1	3	R.KLQLSMDPMLDMMGMQMLMEK.Y	25
PLOG+935	proteomics_log	138376	138441	+	1	2	R.WVISGVGDM*M*LHPFHIHGTQFR.I	28
PLOG+936	proteomics_log	138376	138441	+	1	10	R.WVISGVGDMMLHPFHIHGTQFR.I	26
PLOG+937	proteomics_log	138442	138480	+	1	43	R.ILSENGKPPAAHR.A	17
PLOG+938	proteomics_log	141431	141475	+	2	2	D.MKHTVEVM* IPEAEIK.A	20
PLOG+939	proteomics_log	141431	141481	+	2	3	D.M*KHTVEVM* IPEAEIKAR.I	23
PLOG+940	proteomics_log	141431	141475	+	2	2	D.M*KHTVEVM* IPEAEIK.A	21
PLOG+941	proteomics_log	141431	141475	+	2	12	D.MKHTVEVM IPEAEIK.A	19
PLOG+942	proteomics_log	141431	141481	+	2	32	D.MKHTVEVM IPEAEIKAR.I	21
PLOG+943	proteomics_log	141515	141559	+	2	73	R.YKDSGSDMVLVGLLR.G	19
PLOG+944	proteomics_log	141674	141766	+	2	3	K.ILKDLDEDIRGKDV LIVED IIDSGNTLSKVR.E	35
PLOG+945	proteomics_log	141674	141760	+	2	77	K.ILKDLDEDIRGKDV LIVED IIDSGNTLSK.V	33
PLOG+946	proteomics_log	141683	141760	+	2	3	K.DLDEDIRGKDV LIVED IIDSGNTLSK.V	30
PLOG+947	proteomics_log	141704	141760	+	2	5	R.GKDV LIVED IIDSGNTLSK.V	23
PLOG+948	proteomics_log	141710	141760	+	2	2	K.DV LIVED IIDSGNTLSK.V	21
PLOG+949	proteomics_log	141761	141793	+	2	2	K.VREILSLREPK.S	15
PLOG+950	proteomics_log	141767	141793	+	2	3	R.EILSLREPK.S	13
PLOG+951	proteomics_log	141836	141919	+	2	49	R.EVNV PVEFIGFSIPDEFVVG YGIDYAQR.Y	32
PLOG+952	proteomics_log	141920	141964	+	2	4	R.YRHLPYIGKVILLDE.-	19
PLOG+953	proteomics_log	141926	141946	+	2	3	R.HLPYIGK.V	11
PLOG+954	proteomics_log	143013	143108	+	3	2	R.QLGLVPQEFNFNPFETVQQIVVNQAGYYGVER.K	36
PLOG+955	proteomics_log	143637	143702	+	3	5	R.NKANRLEELFVSLVNEKQGDR.A.-	26
PLOG+956	proteomics_log	143637	143687	+	3	6	R.NKANRLEELFVSLVNEK.Q	21
PLOG+957	proteomics_log	165864	165941	+	3	2	R.LLQQQQ IIDQELYDMLSARPLGVQPR.G	30
PLOG+958	proteomics_log	166245	166304	+	3	2	R.RSIGSLAKPATYLTALSQPK.I	24
PLOG+959	proteomics_log	167583	167675	+	3	7	A.AVEPKEDTITVTAAPAPQESAWGPAATIAAR.Q	35
PLOG+960	proteomics_log	167775	167825	+	3	7	K.SVKEALSYTPGVSVGTR.G	21
PLOG+961	proteomics_log	167826	167861	+	3	20	R.GASNTYDHLIIR.G	16
PLOG+962	proteomics_log	167913	167966	+	3	6	K.LQGNFYNDVIDPYMLER.A	22

PLOG+963	proteomics_log	167967	168008	+	3	9	R.AEIMRGPVSVLYGK.S	18
PLOG+964	proteomics_log	168009	168083	+	3	3	K.SSPGGLLNMVSKRPTTEPLKEVQFK.A	29
PLOG+965	proteomics_log	168045	168083	+	3	2	K.RPTTEPLKEVQFK.A	17
PLOG+966	proteomics_log	168084	168161	+	3	4	K.AGTDSLFTQGFDFSDSLDDDGVSYSR.L	30
PLOG+967	proteomics_log	168612	168674	+	3	2	R.KYVVDEKLQNFSDVTQLQSK.F	25
PLOG+968	proteomics_log	168675	168728	+	3	6	K.FATGDIDHTLLTGVD*FMR.M	23
PLOG+969	proteomics_log	168675	168728	+	3	76	K.FATGDIDHTLLTGVD*FMR.M	22
PLOG+970	proteomics_log	169218	169280	+	3	8	K.TNNLMADPEGSFFSVEGGEIR.A	25
PLOG+971	proteomics_log	170369	170416	+	2	2	R.GLTVIAVLHDINMAAR.Y	20
PLOG+972	proteomics_log	170665	170772	+	1	2	A.AAIDPNRIVALEWLPVELLLALGIVPYGVADTINYR.L	40
PLOG+973	proteomics_log	172095	172160	+	3	3	P.LTLMGLDDGVARNLGLALSLAR.L	26
PLOG+974	proteomics_log	176613	176711	+	3	2	M.SDDVALPLEFTDAAANKVKSLIAEDNPNLKL.R.V	37
PLOG+975	proteomics_log	176613	176663	+	3	11	M.SDDVALPLEFTDAAANK.V	21
PLOG+976	proteomics_log	176613	176669	+	3	78	M.SDDVALPLEFTDAAANKVK.S	23
PLOG+977	proteomics_log	176646	176711	+	3	79	T.DAAANKVKSLIAEDNPNLKL.R.V	26
PLOG+978	proteomics_log	176670	176705	+	3	35	K.SLIAEDNPNLKL.L	16
PLOG+979	proteomics_log	176670	176711	+	3	180	K.SLIAEDNPNLKL.R.V	18
PLOG+980	proteomics_log	176802	176891	+	3	5	K.QGVGLVVDPM*SLQYLVGGSDYTEGLEGR.F	35
PLOG+981	proteomics_log	176802	176891	+	3	19	K.QGVGLVVDPM*SLQYLVGGSDYTEGLEGR.F	34
PLOG+982	proteomics_log	176892	176918	+	3	10	R.FIVTNPNAK.S	13
PLOG+983	proteomics_log	180452	180535	+	2	8	R.VISGLLEIYRPLLSLSLSDFTLVEKER.V	32
PLOG+984	proteomics_log	180926	181024	+	2	2	S.LGLALSPLSATAAETSSATTAQQMPSLAPMLEK.V	37
PLOG+985	proteomics_log	180962	181024	+	2	2	A.AETSSATTAQQMPSLAPM*LEK.V	26
PLOG+986	proteomics_log	180962	181024	+	2	2	A.AETSSATTAQQM*PSLAPM*LEK.V	27
PLOG+987	proteomics_log	180962	181024	+	2	59	A.AETSSATTAQQMPSLAPMLEK.V	25
PLOG+988	proteomics_log	181211	181303	+	2	3	K.FMALGSGVIIDADKGYVVTNNHVVVDNATVIK.V	35
PLOG+989	proteomics_log	181361	181414	+	2	7	R.SDIALIQIQNPKNLTAIK.M	22
PLOG+990	proteomics_log	181361	181396	+	2	22	R.SDIALIQIQNPK.N	16
PLOG+991	proteomics_log	181397	181522	+	2	4	K.NLTAIKMADSDALRVGDYTVVIGNPFGLGETVTSGIVSALGR.S	46
PLOG+992	proteomics_log	181415	181438	+	2	3	K.MADSDALR.V	12
PLOG+993	proteomics_log	181415	181438	+	2	3	K.M*ADSDALR.V	13
PLOG+994	proteomics_log	181415	181522	+	2	4	K.M*ADSDALRVGDYTVVIGNPFGLGETVTSGIVSALGR.S	41
PLOG+995	proteomics_log	181415	181522	+	2	165	K.MADSDALRVGDYTVVIGNPFGLGETVTSGIVSALGR.S	40
PLOG+996	proteomics_log	181439	181522	+	2	213	R.VGDYTVVIGNPFGLGETVTSGIVSALGR.S	32
PLOG+997	proteomics_log	181706	181744	+	2	6	K.NLTSQMVEYGQVK.R	17
PLOG+998	proteomics_log	181706	181795	+	2	24	K.NLTSQMVEYGQVKRGELGIMGTELNSELAK.A	34
PLOG+999	proteomics_log	181745	181795	+	2	11	K.RGELGIMGTELNSELAK.A	21
PLOG+1000	proteomics_log	181748	181795	+	2	5	R.GELGIMGTELNSELAK.A	20
PLOG+1001	proteomics_log	181820	181864	+	2	7	R.GAFVSQVLPNSSAAK.A	19
PLOG+1002	proteomics_log	181865	181936	+	2	2	K.AGIKAGDVITSLNGKPISSFAALR.A	28
PLOG+1003	proteomics_log	188791	188865	+	1	2	T.TIVCSYCADKLRSLVFTVQPSFM*VR.I	30
PLOG+1004	proteomics_log	189877	189906	+	1	2	M.ATVSM*RDMLK.A	15
PLOG+1005	proteomics_log	189877	189936	+	1	5	M.ATVSMRDMLKAGVHFGHQTR.Y	24
PLOG+1006	proteomics_log	189877	189906	+	1	172	M.ATVSMRDMLK.A	14
PLOG+1007	proteomics_log	189895	189936	+	1	5	R.DM*LKAGVHFGHQTR.Y	19
PLOG+1008	proteomics_log	189895	189936	+	1	60	R.DMLKAGVHFGHQTR.Y	18

PLOG+1009	proteomics_log	189907	189951	+	1	10	K.AGVHFGHQTRYWNP.K.M	19
PLOG+1010	proteomics_log	189907	189930	+	1	13	K.AGVHFGHQ.T	12
PLOG+1011	proteomics_log	189907	189936	+	1	285	K.AGVHFGHQTR.Y	14
PLOG+1012	proteomics_log	189910	189936	+	1	4	A.GVHFGHQTR.Y	13
PLOG+1013	proteomics_log	189937	189978	+	1	21	R.YWNPKMKPFIFGAR.N	18
PLOG+1014	proteomics_log	189952	189978	+	1	63	K.MKPFIFGAR.N	13
PLOG+1015	proteomics_log	189955	189978	+	1	4	M.KPFIFGAR.N	12
PLOG+1016	proteomics_log	189979	190050	+	1	7	R.NKVHIINLEKTVPM*FNEALAELENK.I	29
PLOG+1017	proteomics_log	189979	190062	+	1	7	R.NKVHIINLEKTVPM*FNEALAELENKIASR.K	33
PLOG+1018	proteomics_log	189979	190050	+	1	72	R.NKVHIINLEKTVPMFNEALAELENK.I	28
PLOG+1019	proteomics_log	189979	190062	+	1	287	R.NKVHIINLEKTVPMFNEALAELENKIASR.K	32
PLOG+1020	proteomics_log	189979	190008	+	1	499	R.NKVHIINLEK.T	14
PLOG+1021	proteomics_log	189985	190062	+	1	3	K.VHIINLEKTVPM*FNEALAELENKIASR.K	31
PLOG+1022	proteomics_log	189985	190062	+	1	4	K.VHIINLEKTVPMFNEALAELENKIASR.K	30
PLOG+1023	proteomics_log	189985	190008	+	1	9	K.VHIINLEK.T	12
PLOG+1024	proteomics_log	190006	190062	+	1	35	E.KTVPMFNEALAELENKIASR.K	23
PLOG+1025	proteomics_log	190009	190050	+	1	7	K.TVPM*FNEALAELENK.I	19
PLOG+1026	proteomics_log	190009	190062	+	1	8	K.TVPM*FNEALAELENKIASR.K	23
PLOG+1027	proteomics_log	190009	190050	+	1	163	K.TVPMFNEALAELENK.I	18
PLOG+1028	proteomics_log	190009	190062	+	1	391	K.TVPMFNEALAELENKIASR.K	22
PLOG+1029	proteomics_log	190015	190062	+	1	143	V.PMFNEALAELENKIASR.K	20
PLOG+1030	proteomics_log	190021	190062	+	1	5	M.FNEALAELENKIASR.K	18
PLOG+1031	proteomics_log	190063	190092	+	1	42	R.KGKILFVGTK.R	14
PLOG+1032	proteomics_log	190063	190095	+	1	185	R.KGKILFVGTKR.A	15
PLOG+1033	proteomics_log	190066	190092	+	1	3	K.GKILFVGTK.R	13
PLOG+1034	proteomics_log	190066	190095	+	1	40	K.GKILFVGTKR.A	14
PLOG+1035	proteomics_log	190072	190158	+	1	4	K.ILFVGTKRAASEAVKDAALSCDQFFVNHR.W	33
PLOG+1036	proteomics_log	190072	190095	+	1	10	K.ILFVGTKR.A	12
PLOG+1037	proteomics_log	190072	190092	+	1	12	K.ILFVGTKR	11
PLOG+1038	proteomics_log	190093	190158	+	1	9	K.RAASEAVKDAALSCDQFFVNHR.W	26
PLOG+1039	proteomics_log	190096	190158	+	1	18	R.AASEAVKDAALSCDQFFVNHR.W	25
PLOG+1040	proteomics_log	190159	190197	+	1	3	R.WLGGM*LTNWKTVR.Q	18
PLOG+1041	proteomics_log	190159	190188	+	1	8	R.WLGGM*LTNWK.T	15
PLOG+1042	proteomics_log	190159	190197	+	1	73	R.WLGGMLTNWKTVR.Q	17
PLOG+1043	proteomics_log	190159	190188	+	1	449	R.WLGGMLTNWK.T	14
PLOG+1044	proteomics_log	190180	190284	+	1	2	T.NWKTVRQSIKRLKDLETQSQDGTDFDKLTKEALMR.T	39
PLOG+1045	proteomics_log	190210	190284	+	1	3	K.RLKDLETQSQDGTDFDKLTKEALMR* <i>R</i> .T	30
PLOG+1046	proteomics_log	190210	190284	+	1	16	K.RLKDLETQSQDGTDFDKLTKEALMR.T	29
PLOG+1047	proteomics_log	190210	190266	+	1	44	K.RLKDLETQSQDGTDFDKLT.K	23
PLOG+1048	proteomics_log	190210	190269	+	1	48	K.RLKDLETQSQDGTDFDKLT.K.E	24
PLOG+1049	proteomics_log	190213	190257	+	1	16	R.LKDLETQSQDGTDFDK.L	19
PLOG+1050	proteomics_log	190213	190284	+	1	51	R.LKDLETQSQDGTDFDKLTKEALMR* <i>R</i> .T	29
PLOG+1051	proteomics_log	190213	190269	+	1	78	R.LKDLETQSQDGTDFDKLT.K.E	23
PLOG+1052	proteomics_log	190213	190284	+	1	138	R.LKDLETQSQDGTDFDKLTKEALMR.T	28
PLOG+1053	proteomics_log	190213	190266	+	1	318	R.LKDLETQSQDGTDFDKLT.K	22
PLOG+1054	proteomics_log	190219	190257	+	1	3	K.DLETQSQDGTDFDK.L	17

PLOG+1055	proteomics_log	190219	190266	+	1	6	K.DLETQSQDGTDFDKLTK.K	20
PLOG+1056	proteomics_log	190219	190284	+	1	13	K.DLETQSQDGTDFDKLTKKEALMR.T	26
PLOG+1057	proteomics_log	190285	190395	+	1	3	R.TRELEKLENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	41
PLOG+1058	proteomics_log	190285	190329	+	1	13	R.TRELEKLENSLGGIK.D	19
PLOG+1059	proteomics_log	190291	190395	+	1	9	R.ELEKLENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	39
PLOG+1060	proteomics_log	190291	190329	+	1	14	R.ELEKLENSLGGIK.D	17
PLOG+1061	proteomics_log	190303	190395	+	1	20	K.LENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	35
PLOG+1062	proteomics_log	190396	190539	+	1	3	K.EANNLGIPVFAIVDTNSDPDGVDFVIPGNDDAIRAVTLYLGAVAATVR.E	52
PLOG+1063	proteomics_log	190396	190497	+	1	54	K.EANNLGIPVFAIVDTNSDPDGVDFVIPGNDDAIR.A	38
PLOG+1064	proteomics_log	190450	190497	+	1	3	D.PDGVDFVIPGNDDAIR.A	20
PLOG+1065	proteomics_log	190498	190548	+	1	190	R.AVTLYLGAVAATVREGR.S	21
PLOG+1066	proteomics_log	190498	190539	+	1	298	R.AVTLYLGAVAATVR.E	18
PLOG+1067	proteomics_log	190540	190596	+	1	143	R.EGRSQDLASQAEESFVEAE.-	23
PLOG+1068	proteomics_log	190549	190596	+	1	456	R.SQDLASQAEESFVEAE.-	20
PLOG+1069	proteomics_log	190860	190886	+	3	30	M.AEITASLVK.E	13
PLOG+1070	proteomics_log	190860	190901	+	3	38	M.AEITASLVKELRER.T	18
PLOG+1071	proteomics_log	190860	190895	+	3	114	M.AEITASLVKELR.E	16
PLOG+1072	proteomics_log	190902	190985	+	3	2	R.TGAGMMDCKKALTEANGDIELAIENMRK.S	32
PLOG+1073	proteomics_log	190902	190931	+	3	2	R.TGAGMMDCKK.A	14
PLOG+1074	proteomics_log	190902	190982	+	3	3	R.TGAGMMDCKKALTEANGDIELAIENMR.K	31
PLOG+1075	proteomics_log	190929	190985	+	3	3	K.KALTEANGDIELAIENM*RK.S	24
PLOG+1076	proteomics_log	190929	190982	+	3	59	K.KALTEANGDIELAIENMR.K	22
PLOG+1077	proteomics_log	190929	190985	+	3	68	K.KALTEANGDIELAIENMRK.S	23
PLOG+1078	proteomics_log	190932	190985	+	3	2	K.ALTEANGDIELAIENM*RK.S	23
PLOG+1079	proteomics_log	190932	190982	+	3	10	K.ALTEANGDIELAIENM*R.K	22
PLOG+1080	proteomics_log	190932	190985	+	3	17	K.ALTEANGDIELAIENMRK.S	22
PLOG+1081	proteomics_log	190932	190982	+	3	201	K.ALTEANGDIELAIENMR.K	21
PLOG+1082	proteomics_log	190983	191012	+	3	4	R.KSGAIKAAK.A	14
PLOG+1083	proteomics_log	190983	191009	+	3	8	R.KSGAIKAAK.K	13
PLOG+1084	proteomics_log	190986	191012	+	3	2	K.SGAIKAAK.A	13
PLOG+1085	proteomics_log	190986	191051	+	3	4	K.SGAIKAAKAGNVAADGVIKTK.I	26
PLOG+1086	proteomics_log	191001	191045	+	3	2	K.AAKKAGNVAADGVIK.T	19
PLOG+1087	proteomics_log	191001	191051	+	3	6	K.AAKKAGNVAADGVIKTK.I	21
PLOG+1088	proteomics_log	191010	191045	+	3	123	K.KAGNVAADGVIK.T	16
PLOG+1089	proteomics_log	191010	191051	+	3	217	K.KAGNVAADGVIKTK.I	18
PLOG+1090	proteomics_log	191013	191045	+	3	41	K.AGNVAADGVIK.T	15
PLOG+1091	proteomics_log	191013	191051	+	3	117	K.AGNVAADGVIKTK.I	17
PLOG+1092	proteomics_log	191112	191213	+	3	21	K.DAGFQAFADKVLDAAVAGKITDVEVLKAQFEER.V	38
PLOG+1093	proteomics_log	191112	191231	+	3	39	K.DAGFQAFADKVLDAAVAGKITDVEVLKAQFEERVALVAK.I	44
PLOG+1094	proteomics_log	191112	191141	+	3	70	K.DAGFQAFADK.V	14
PLOG+1095	proteomics_log	191112	191192	+	3	201	K.DAGFQAFADKVLDAAVAGKITDVEVLK.A	31
PLOG+1096	proteomics_log	191112	191168	+	3	355	K.DAGFQAFADKVLDAAVAGK.I	23
PLOG+1097	proteomics_log	191118	191168	+	3	2	A.GFQAFADKVLDAAVAGK.I	21
PLOG+1098	proteomics_log	191139	191213	+	3	7	D.KVLDAAVAGKITDVEVLKAQFEER.V	29
PLOG+1099	proteomics_log	191142	191192	+	3	7	K.VLDAAVAGKITDVEVLK.A	21
PLOG+1100	proteomics_log	191142	191231	+	3	9	K.VLDAAVAGKITDVEVLKAQFEERVALVAK.I	34

PLOG+1101	proteomics_log	191142	191213	+	3	12	K.VLDAAVAGKITDVEVLKAQFEEER.V	28
PLOG+1102	proteomics_log	191142	191168	+	3	20	K.VLDAAVAGK.I	13
PLOG+1103	proteomics_log	191169	191255	+	3	2	K.ITDVEVLKAQFEEERVALVAKIGENINIR.R	33
PLOG+1104	proteomics_log	191169	191213	+	3	31	K.ITDVEVLKAQFEEER.V	19
PLOG+1105	proteomics_log	191169	191192	+	3	115	K.ITDVEVLK.A	12
PLOG+1106	proteomics_log	191169	191231	+	3	174	K.ITDVEVLKAQFEEERVALVAK.I	25
PLOG+1107	proteomics_log	191193	191231	+	3	113	K.AQFEEERVALVAK.I	17
PLOG+1108	proteomics_log	191193	191213	+	3	3	K.AQFEEER.V	11
PLOG+1109	proteomics_log	191232	191309	+	3	4	K.IGENINIRVAALEGDVLGSYQHGAR.I	30
PLOG+1110	proteomics_log	191232	191255	+	3	7	K.IGENINIR.R	12
PLOG+1111	proteomics_log	191256	191309	+	3	360	R.RVAALEGDVLGSYQHGAR.I	22
PLOG+1112	proteomics_log	191259	191297	+	3	9	R.VAALEGDVLGSYQ.H	17
PLOG+1113	proteomics_log	191259	191309	+	3	425	R.VAALEGDVLGSYQHGAR.I	21
PLOG+1114	proteomics_log	191268	191309	+	3	3	A.LEGDVLGSYQHGAR.I	18
PLOG+1115	proteomics_log	191310	191357	+	3	50	R.IGVLVAAKGADEELVK.H	20
PLOG+1116	proteomics_log	191310	191333	+	3	77	R.IGVLVAAK.G	12
PLOG+1117	proteomics_log	191334	191357	+	3	17	K.GADEELVK.H	12
PLOG+1118	proteomics_log	191358	191435	+	3	2	K.HIAMHVAASKPEFIKPEDVSAEVVEK.E	30
PLOG+1119	proteomics_log	191358	191450	+	3	3	K.HIAMHVAASKPEFIKPEDVSAEVVEKEYQVQ.L	35
PLOG+1120	proteomics_log	191358	191435	+	3	2	K.HIAM*HVAASKPEFIKPEDVSAEVVEK.E	31
PLOG+1121	proteomics_log	191358	191483	+	3	9	K.HIAM*HVAASKPEFIKPEDVSAEVVEKEYQVQLDIAM*QSGKPK.E	48
PLOG+1122	proteomics_log	191427	191513	+	3	9	V.VEKEYQVQLDIAMQSGPKPEIAEKMVEGR.M	33
PLOG+1123	proteomics_log	191484	191513	+	3	5	K.EIAEKM*VEGR.M	15
PLOG+1124	proteomics_log	191484	191513	+	3	49	K.EIAEKMVEGR.M	14
PLOG+1125	proteomics_log	191514	191597	+	3	2	R.M*KKFTGEVSLTGQPFVMEPSKTVGQLLK.E	33
PLOG+1126	proteomics_log	191514	191630	+	3	3	R.MKKFTGEVSLTGQPFVMEPSKTVGQLLKEHNAEVTGFIR.F	43
PLOG+1127	proteomics_log	191514	191630	+	3	3	R.MKKFTGEVSLTGQPFVM*EPSKTVGQLLKEHNAEVTGFIR.F	44
PLOG+1128	proteomics_log	191514	191630	+	3	3	R.M*KKFTGEVSLTGQPFVMEPSKTVGQLLKEHNAEVTGFIR.F	44
PLOG+1129	proteomics_log	191514	191597	+	3	2	R.M*KKFTGEVSLTGQPFVM*EPSKTVGQLLK.E	34
PLOG+1130	proteomics_log	191514	191576	+	3	6	R.MKKFTGEVSLTGQPFVMEPSK.T	25
PLOG+1131	proteomics_log	191514	191630	+	3	3	R.M*KKFTGEVSLTGQPFVM*EPSKTVGQLLKEHNAEVTGFIR.F	45
PLOG+1132	proteomics_log	191514	191597	+	3	70	R.MKKFTGEVSLTGQPFVMEPSKTVGQLLK.E	32
PLOG+1133	proteomics_log	191520	191630	+	3	2	K.KFTGEVSLTGQPFVM*EPSKTVGQLLKEHNAEVTGFIR.F	42
PLOG+1134	proteomics_log	191520	191630	+	3	5	K.KFTGEVSLTGQPFVMEPSKTVGQLLKEHNAEVTGFIR.F	41
PLOG+1135	proteomics_log	191520	191597	+	3	20	K.KFTGEVSLTGQPFVMEPSKTVGQLLK.E	30
PLOG+1136	proteomics_log	191523	191597	+	3	2	K.FTGEVSLTGQPFVM*EPSKTVGQLLK.E	30
PLOG+1137	proteomics_log	191523	191630	+	3	24	K.FTGEVSLTGQPFVM*EPSKTVGQLLKEHNAEVTGFIR.F	41
PLOG+1138	proteomics_log	191523	191597	+	3	30	K.FTGEVSLTGQPFVMEPSKTVGQLLK.E	29
PLOG+1139	proteomics_log	191523	191630	+	3	75	K.FTGEVSLTGQPFVMEPSKTVGQLLKEHNAEVTGFIR.F	40
PLOG+1140	proteomics_log	191523	191576	+	3	95	K.FTGEVSLTGQPFVMEPSK.T	22
PLOG+1141	proteomics_log	191550	191630	+	3	4	G.QPFVMEPSKTVGQLLKEHNAEVTGFIR.F	31
PLOG+1142	proteomics_log	191577	191699	+	3	35	K.TVGQLLKEHNAEVTGFIRFEVGEIEKVEDFAAEVAAMSK.Q	45
PLOG+1143	proteomics_log	191577	191630	+	3	119	K.TVGQLLKEHNAEVTGFIR.F	22
PLOG+1144	proteomics_log	191589	191699	+	3	35	Q.LLKEHNAEVTGFIRFEVGEIEKVEDFAAEVAAMSK.Q	41
PLOG+1145	proteomics_log	191598	191630	+	3	21	K.EHNAEVTGFIR.F	15
PLOG+1146	proteomics_log	191598	191699	+	3	37	K.EHNAEVTGFIRFEVGEIEKVEDFAAEVAAMSK.Q	38

PLOG+1147	proteomics_log	191631	191657	+	3	15	R.FEVGEGIEK.V	13
PLOG+1148	proteomics_log	191631	191699	+	3	20	R.FEVGEGIEKVETDFAAEVAAM*SK.Q	28
PLOG+1149	proteomics_log	191631	191705	+	3	50	R.FEVGEGIEKVETDFAAEVAAMSKQS.-	29
PLOG+1150	proteomics_log	191631	191699	+	3	366	R.FEVGEGIEKVETDFAAEVAAMSK.Q	27
PLOG+1151	proteomics_log	191658	191699	+	3	2	K.VETDFAAEVAAM*SK.Q	19
PLOG+1152	proteomics_log	191658	191699	+	3	38	K.VETDFAAEVAAMSK.Q	18
PLOG+1153	proteomics_log	191858	191884	+	2	27	M.ATNAKPVYK.R	13
PLOG+1154	proteomics_log	191858	191887	+	2	98	M.ATNAKPVYKR.I	14
PLOG+1155	proteomics_log	191900	191962	+	2	7	K.LSGEALQGTEGFGIDASILDR.M	25
PLOG+1156	proteomics_log	191963	192058	+	2	20	R.MAQEIKELVELGIQVGVVIGGGNLFRGAGLAK.A	36
PLOG+1157	proteomics_log	191963	192040	+	2	55	R.MAQEIKELVELGIQVGVVIGGGNLFR.G	30
PLOG+1158	proteomics_log	192059	192130	+	2	4	K.AGMNRVVDHMGMLATVMNGLAMR.D	28
PLOG+1159	proteomics_log	192074	192130	+	2	65	R.VVGDHMGMLATVMNGLAMR.D	23
PLOG+1160	proteomics_log	192236	192313	+	2	4	R.NNRVVILSAGTGNPFITDSSAACLRG.I	30
PLOG+1161	proteomics_log	192245	192313	+	2	3	R.VVILSAGTGNPFITDSSAACLRG.I	27
PLOG+1162	proteomics_log	192353	192439	+	2	2	K.VDGVFTADPAKDPATMYEQLTYSEVLEK.E	33
PLOG+1163	proteomics_log	192353	192448	+	2	9	K.VDGVFTADPAKDPATMYEQLTYSEVLEKELK.V	36
PLOG+1164	proteomics_log	192449	192481	+	2	2	K.VM*DIAAFTLAR.D	16
PLOG+1165	proteomics_log	192449	192481	+	2	98	K.VMDIAAFTLAR.D	15
PLOG+1166	proteomics_log	192503	192535	+	2	2	R.VFNMNKPALR.R	15
PLOG+1167	proteomics_log	192536	192577	+	2	2	R.RVVMGEKEGTLITE.-	18
PLOG+1168	proteomics_log	192539	192577	+	2	2	R.VVM*GEKEGTLITE.-	18
PLOG+1169	proteomics_log	192539	192577	+	2	101	R.VVMGEKEGTLITE.-	17
PLOG+1170	proteomics_log	192908	192955	+	2	2	R.MDKCVEAFKTQISKIR.T	20
PLOG+1171	proteomics_log	192908	192949	+	2	5	R.MDKCVEAFKTQISK.I	18
PLOG+1172	proteomics_log	192956	193027	+	2	3	R.TGRASPSLLDGIVVEYGTPTPLR.Q	28
PLOG+1173	proteomics_log	192956	193060	+	2	11	R.TGRASPSLLDGIVVEYGTPTPLRQLASVTVEDSR.T	39
PLOG+1174	proteomics_log	192965	193027	+	2	280	R.ASPSLLDGIVVEYGTPTPLR.Q	25
PLOG+1175	proteomics_log	192965	193060	+	2	348	R.ASPSLLDGIVVEYGTPTPLRQLASVTVEDSR.T	36
PLOG+1176	proteomics_log	193028	193060	+	2	50	R.QLASVTVEDSR.T	15
PLOG+1177	proteomics_log	193061	193087	+	2	122	R.TLKINVFDR.S	13
PLOG+1178	proteomics_log	193088	193111	+	2	2	R.SM*SPACEK.A	13
PLOG+1179	proteomics_log	193088	193198	+	2	8	R.SMSPACEKAIMASDLGLNPNSAGSDIRVPLPPLTEER.R	41
PLOG+1180	proteomics_log	193112	193246	+	2	2	K.AIM*ASDLGLNPNSAGSDIRVPLPPLTEERRKDLTKIVRGEAEQAR.V	50
PLOG+1181	proteomics_log	193112	193198	+	2	16	K.AIM*ASDLGLNPNSAGSDIRVPLPPLTEER.R	34
PLOG+1182	proteomics_log	193112	193168	+	2	20	K.AIMASDLGLNPNSAGSDIR.V	23
PLOG+1183	proteomics_log	193112	193198	+	2	244	K.AIMASDLGLNPNSAGSDIRVPLPPLTEER.R	33
PLOG+1184	proteomics_log	193199	193246	+	2	2	R.RKDLTKIVRGEAEQAR.V	20
PLOG+1185	proteomics_log	193205	193246	+	2	7	K.DLTKIVRGEAEQAR.V	18
PLOG+1186	proteomics_log	193217	193258	+	2	3	K.IVRGEAEQARVAVR.N	18
PLOG+1187	proteomics_log	193217	193246	+	2	235	K.IVRGEAEQAR.V	14
PLOG+1188	proteomics_log	193220	193246	+	2	2	I.VRGEAEQAR.V	13
PLOG+1189	proteomics_log	193292	193333	+	2	8	K.ALLKDKIESEDDDR.R	18
PLOG+1190	proteomics_log	193292	193336	+	2	92	K.ALLKDKIESEDDDRR.S	19
PLOG+1191	proteomics_log	193304	193336	+	2	2	K.DKIESEDDDRR.S	15
PLOG+1192	proteomics_log	193334	193426	+	2	2	R.RSQDDVQKLTDAAIKKIEAALADKEAELM*QF.-	36

PLOG+1193	proteomics_log	193334	193381	+	2	2	R.RSQDDVQKLTDAAIKK.I	20
PLOG+1194	proteomics_log	193334	193426	+	2	4	R.RSQDDVQKLTDAAIKKIEAALADKEAELMQF.-	35
PLOG+1195	proteomics_log	193337	193381	+	2	2	R.SQDDVQKLTDAAIKK.I	19
PLOG+1196	proteomics_log	193337	193378	+	2	22	R.SQDDVQKLTDAAIK.K	18
PLOG+1197	proteomics_log	193337	193426	+	2	29	R.SQDDVQKLTDAAIKKIEAALADKEAELM*QF.-	35
PLOG+1198	proteomics_log	193337	193426	+	2	73	R.SQDDVQKLTDAAIKKIEAALADKEAELMQF.-	34
PLOG+1199	proteomics_log	193358	193426	+	2	3	K.LTDAAIKKIEAALADKEAELM*QF.-	28
PLOG+1200	proteomics_log	193358	193426	+	2	19	K.LTDAAIKKIEAALADKEAELMQF.-	27
PLOG+1201	proteomics_log	193379	193426	+	2	4	K.KIEAALADKEAELM*QF.-	21
PLOG+1202	proteomics_log	193379	193426	+	2	112	K.KIEAALADKEAELMQF.-	20
PLOG+1203	proteomics_log	193382	193426	+	2	2	K.IEAALADKEAELM*QF.-	20
PLOG+1204	proteomics_log	193382	193426	+	2	38	K.IEAALADKEAELMQF.-	19
PLOG+1205	proteomics_log	194960	194992	+	2	2	R.HVAIIMDGNGR.W	15
PLOG+1206	proteomics_log	197988	198035	+	3	27	G.AEGFVVKDIHFEGLR.V	20
PLOG+1207	proteomics_log	198036	198119	+	3	3	R.VAVGAALLSMPVRTGDTVNDEDISNTIR.A	32
PLOG+1208	proteomics_log	198120	198155	+	3	5	R.ALFATGNFEDVR.V	16
PLOG+1209	proteomics_log	198288	198383	+	3	3	R.VGESLDRTTIADIEKGLDFYYSVGKYSASVK.A	36
PLOG+1210	proteomics_log	198288	198365	+	3	4	R.VGESLDRTTIADIEKGLDFYYSVGK.Y	30
PLOG+1211	proteomics_log	198582	198608	+	3	78	K.LAGDLETLR.S	13
PLOG+1212	proteomics_log	198639	198683	+	3	19	R.FNIDSTQVSLTPDKK.G	19
PLOG+1213	proteomics_log	198828	198869	+	3	2	K.VTKMEDDIKLLGR.Y	18
PLOG+1214	proteomics_log	198837	198869	+	3	14	K.MEDDIKLLGR.Y	15
PLOG+1215	proteomics_log	198891	198935	+	3	2	R.VQSM*PEINDADKTVK.L	20
PLOG+1216	proteomics_log	198891	198935	+	3	6	R.VQSMPEINDADKTVK.L	19
PLOG+1217	proteomics_log	198978	199025	+	3	4	R.KIRFEGNDTSKDAVLR.R	20
PLOG+1218	proteomics_log	198978	199028	+	3	25	R.KIRFEGNDTSKDAVLR.R	21
PLOG+1219	proteomics_log	198981	199028	+	3	22	K.IRFEGNDTSKDAVLR.R	20
PLOG+1220	proteomics_log	198987	199025	+	3	4	R.FEGNDTSKDAVLR.R	17
PLOG+1221	proteomics_log	199038	199091	+	3	15	R.QMEGAWLGSDDLVDQGKER.L	22
PLOG+1222	proteomics_log	200542	200658	+	1	3	A.ADKIAIVNMGSLFQQVAQKTGVSNTLENEFKGRASELQR.M	43
PLOG+1223	proteomics_log	200542	200598	+	1	33	A.ADKIAIVNM*GSLFQQVAQK.T	24
PLOG+1224	proteomics_log	200542	200640	+	1	65	A.ADKIAIVNM*GSLFQQVAQKTGVSNTLENEFKGR.A	38
PLOG+1225	proteomics_log	200542	200634	+	1	129	A.ADKIAIVNMGSLFQQVAQKTGVSNTLENEFK.G	35
PLOG+1226	proteomics_log	200542	200640	+	1	317	A.ADKIAIVNMGSLFQQVAQKTGVSNTLENEFKGR.A	37
PLOG+1227	proteomics_log	200542	200598	+	1	558	A.ADKIAIVNMGSLFQQVAQK.T	23
PLOG+1228	proteomics_log	200551	200598	+	1	2	K.IAIVNM*GSLFQQVAQK.T	21
PLOG+1229	proteomics_log	200551	200640	+	1	52	K.IAIVNMGSLFQQVAQKTGVSNTLENEFKGR.A	34
PLOG+1230	proteomics_log	200551	200598	+	1	131	K.IAIVNMGSLFQQVAQK.T	20
PLOG+1231	proteomics_log	200599	200658	+	1	2	K.TGVSNTLENEFKGRASELQR.M	24
PLOG+1232	proteomics_log	200599	200634	+	1	40	K.TGVSNTLENEFK.G	16
PLOG+1233	proteomics_log	200599	200640	+	1	210	K.TGVSNTLENEFKGR.A	18
PLOG+1234	proteomics_log	200641	200688	+	1	12	R.ASELQRMETDLQAKMK.K	20
PLOG+1235	proteomics_log	200641	200682	+	1	19	R.ASELQRMETDLQAK.M	18
PLOG+1236	proteomics_log	200659	200691	+	1	2	R.METDLQAKM*KK.L	16
PLOG+1237	proteomics_log	200659	200688	+	1	2	R.METDLQAKM*K.K	15
PLOG+1238	proteomics_log	200659	200688	+	1	2	R.M*ETDLQAKM*K.K	16

PLOG+1239	proteomics_log	200659	200691	+	1	37	R.METDLQAKMKK.L	15
PLOG+1240	proteomics_log	200659	200682	+	1	60	R.M*ETDLQAK.M	13
PLOG+1241	proteomics_log	200659	200682	+	1	66	R.METDLQAK.M	12
PLOG+1242	proteomics_log	200659	200688	+	1	78	R.METDLQAKMK.K	14
PLOG+1243	proteomics_log	200683	200721	+	1	2	K.MKKLQSMKAGSDR.T	17
PLOG+1244	proteomics_log	200689	200754	+	1	16	K.KLQSMKAGSDRTKLEKDVMAQR.Q	26
PLOG+1245	proteomics_log	200689	200721	+	1	36	K.KLQSMKAGSDR.T	15
PLOG+1246	proteomics_log	200692	200754	+	1	6	K.LQSMKAGSDRTKLEKDVMAQR.Q	25
PLOG+1247	proteomics_log	200692	200721	+	1	8	K.LQSM*KAGSDR.T	15
PLOG+1248	proteomics_log	200692	200721	+	1	25	K.LQSMKAGSDR.T	14
PLOG+1249	proteomics_log	200707	200754	+	1	17	K.AGSDRTKLEKDVMAQR.Q	21
PLOG+1250	proteomics_log	200707	200772	+	1	24	K.AGSDRTKLEKDVMAQRQTFAQK.A	26
PLOG+1251	proteomics_log	200707	200754	+	1	150	K.AGSDRTKLEKDVMAQR.Q	20
PLOG+1252	proteomics_log	200722	200754	+	1	19	R.TKLEKDVMAQR.Q	16
PLOG+1253	proteomics_log	200722	200754	+	1	228	R.TKLEKDVMAQR.Q	15
PLOG+1254	proteomics_log	200728	200754	+	1	12	K.LEKDVMAQR.Q	14
PLOG+1255	proteomics_log	200728	200754	+	1	45	K.LEKDVMAQR.Q	13
PLOG+1256	proteomics_log	200755	200802	+	1	5	R.QTFAQKAQAFEQDRAR.R	20
PLOG+1257	proteomics_log	200755	200796	+	1	84	R.QTFAQKAQAFEQDR.A	18
PLOG+1258	proteomics_log	200773	200796	+	1	2	K.AQAFEQDR.A	12
PLOG+1259	proteomics_log	200773	200802	+	1	11	K.AQAFEQDRAR.R	14
PLOG+1260	proteomics_log	200803	200838	+	1	96	R.RSNEERGKLVTR.I	16
PLOG+1261	proteomics_log	200806	200838	+	1	21	R.SNEERGKLVTR.I	15
PLOG+1262	proteomics_log	200839	200964	+	1	46	R.IQTAVKSVANSQDIDLVDANAVAYNSSDVKDITADVLKQVK.-	46
PLOG+1263	proteomics_log	200857	200931	+	1	3	K.SVANSQDIDLVDANAVAYNSSDVK.D	29
PLOG+1264	proteomics_log	200857	200955	+	1	115	K.SVANSQDIDLVDANAVAYNSSDVKDITADVLK.Q	37
PLOG+1265	proteomics_log	200857	200964	+	1	335	K.SVANSQDIDLVDANAVAYNSSDVKDITADVLKQVK.-	40
PLOG+1266	proteomics_log	200932	200964	+	1	43	K.DITADVLKQVK.-	15
PLOG+1267	proteomics_log	201109	201180	+	1	2	K.YREHLGLCQASAVVMTQDDLPAK.S	28
PLOG+1268	proteomics_log	201181	201213	+	1	2	K.SAALVVKNPYL.T	15
PLOG+1269	proteomics_log	201181	201225	+	1	50	K.SAALVVKNPYLTYAR.M	19
PLOG+1270	proteomics_log	201226	201303	+	1	6	R.M*AQILDTPQPAQNIAPSAVIDATAK.L	31
PLOG+1271	proteomics_log	201226	201303	+	1	61	R.MAQILDTPQPAQNIAPSAVIDATAK.L	30
PLOG+1272	proteomics_log	201913	201954	+	1	16	R.KTAALVMNIDDMSK.R	18
PLOG+1273	proteomics_log	201916	201957	+	1	10	K.TAALVMNIDDMSK.L	18
PLOG+1274	proteomics_log	201916	201954	+	1	10	K.TAALVMNIDDMSK.R	17
PLOG+1275	proteomics_log	202104	202160	+	3	4	L.TTNTHTLQIEEILELLPHR.F	23
PLOG+1276	proteomics_log	202104	202184	+	3	226	L.TTNTHTLQIEEILELLPHRFPFLVDR.V	31
PLOG+1277	proteomics_log	202227	202340	+	3	181	K.NVSVNEPFFQGHFPGKPIFPGVLILEAMAQATGILAFK.S	42
PLOG+1278	proteomics_log	202263	202340	+	3	7	H.FPGKPIFPGVLILEAMAQATGILAFK.S	30
PLOG+1279	proteomics_log	202341	202400	+	3	62	K.SVGKLEPGELYFAGIDEAR.F	24
PLOG+1280	proteomics_log	202353	202400	+	3	5	K.LEPGELYFAGIDEAR.F	20
PLOG+1281	proteomics_log	202401	202463	+	3	10	R.FKRPVVPDQMIMEVTFEKTR.R	25
PLOG+1282	proteomics_log	202401	202457	+	3	22	R.FKRPVVPDQMIMEVTFEK.T	23
PLOG+1283	proteomics_log	202479	202508	+	3	39	R.FKGVAVLDGK.V	14
PLOG+1284	proteomics_log	202695	202724	+	3	94	K.SHVVVNGHTK.I	14

PLOG+1285	proteomics_log	202725	202787	+	3	9	K.IGRDNEIYQFASIGEVENQDLK.Y	25
PLOG+1286	proteomics_log	202833	202859	+	3	4	R.IRESVTIHR.G	13
PLOG+1287	proteomics_log	202833	202889	+	3	4	R.IRESVTIHRGTVQGGGLTK.V	23
PLOG+1288	proteomics_log	202839	202889	+	3	3	R.ESVTIHRGTVQGGGLTK.V	21
PLOG+1289	proteomics_log	202860	202889	+	3	5	R.GTVQGGGLTK.V	14
PLOG+1290	proteomics_log	203232	203300	+	3	39	R.SGKTLDEVKPEIAELAETYPVK.A	27
PLOG+1291	proteomics_log	203241	203300	+	3	9	K.TLDEVKPEIAELAETYPVK.A	24
PLOG+1292	proteomics_log	203301	203324	+	3	3	K.AFTDFFAR.S	12
PLOG+1293	proteomics_log	204134	204220	+	2	2	R.EAMVASDAALLASGTAALCMLAKCPMVV.G	33
PLOG+1294	proteomics_log	208624	208713	+	1	5	M.SLNFLDFEQPIAELEAKIDSLTAVSRQDEK.L	34
PLOG+1295	proteomics_log	208624	208701	+	1	128	M.SLNFLDFEQPIAELEAKIDSLTAVSR.Q	30
PLOG+1296	proteomics_log	208624	208674	+	1	219	M.SLNFLDFEQPIAELEAK.I	21
PLOG+1297	proteomics_log	208675	208713	+	1	6	K.IDSLTAVSRQDEK.L	17
PLOG+1298	proteomics_log	208675	208701	+	1	12	K.IDSLTAVSR.Q	13
PLOG+1299	proteomics_log	208714	208746	+	1	2	K.LDINIDEEVHR.L	15
PLOG+1300	proteomics_log	208777	208824	+	1	201	R.KIFADLGAWQIAQLAR.H	20
PLOG+1301	proteomics_log	208780	208824	+	1	52	K.IFADLGAWQIAQLAR.H	19
PLOG+1302	proteomics_log	208825	208860	+	1	2	R.HPQRPYTLDYVR.L	16
PLOG+1303	proteomics_log	208843	208899	+	1	13	Y.TLDYVRLAFDEFDELAGDR.A	23
PLOG+1304	proteomics_log	208861	208899	+	1	117	R.LAFDEFDELAGDR.A	17
PLOG+1305	proteomics_log	208861	208941	+	1	225	R.LAFDEFDELAGDRAYADDKAIVGGIAR.L	31
PLOG+1306	proteomics_log	208900	208941	+	1	7	R.AYADDKAIVGGIAR.L	18
PLOG+1307	proteomics_log	208942	208980	+	1	2	R.LDGRPVM*IIGHQK.G	18
PLOG+1308	proteomics_log	208942	208986	+	1	3	R.LDGRPVMIIIGHQKGR.E	19
PLOG+1309	proteomics_log	208942	208980	+	1	35	R.LDGRPVMIIIGHQK.G	17
PLOG+1310	proteomics_log	209011	209034	+	1	6	R.NFGM*PAPE.G	13
PLOG+1311	proteomics_log	209011	209046	+	1	6	R.NFGMPAPEGYRK.A	16
PLOG+1312	proteomics_log	209077	209169	+	1	5	R.FKM*PIITFIDTPGAYPGVGAEERGQSEAIAR.N	36
PLOG+1313	proteomics_log	209077	209145	+	1	7	R.FKM*PIITFIDTPGAYPGVGAEER.G	28
PLOG+1314	proteomics_log	209077	209169	+	1	81	R.FKMPIITFIDTPGAYPGVGAEERGQSEAIAR.N	35
PLOG+1315	proteomics_log	209077	209145	+	1	166	R.FKMPIITFIDTPGAYPGVGAEER.G	27
PLOG+1316	proteomics_log	209080	209169	+	1	2	F.KMPIITFIDTPGAYPGVGAEERGQSEAIAR.N	34
PLOG+1317	proteomics_log	209140	209178	+	1	7	E.ERGQSEAIARNLR.E	17
PLOG+1318	proteomics_log	209338	209391	+	1	105	K.SADKAPLAAEAMGIIAPR.L	22
PLOG+1319	proteomics_log	209407	209544	+	1	3	K.LIDSIIPEPLGGAHRNPEAM*AASLKAQLLADLADLDVLSTEDLKNR.R	51
PLOG+1320	proteomics_log	209407	209538	+	1	3	K.LIDSIIPEPLGGAHRNPEAMAASLKAQLLADLADLDVLSTEDLK.N	48
PLOG+1321	proteomics_log	209407	209538	+	1	3	K.LIDSIIPEPLGGAHRNPEAM*AASLKAQLLADLADLDVLSTEDLK.N	49
PLOG+1322	proteomics_log	209446	209547	+	1	3	A.HRNPEAM*AASLKAQLLADLADLDVLSTEDLKNRR.Y	39
PLOG+1323	proteomics_log	209482	209544	+	1	6	K.AQLLADLADLDVLSTEDLKNR.R	25
PLOG+1324	proteomics_log	209482	209538	+	1	53	K.AQLLADLADLDVLSTEDLK.N	23
PLOG+1325	proteomics_log	209482	209547	+	1	63	K.AQLLADLADLDVLSTEDLKNRR.Y	26
PLOG+1326	proteomics_log	209497	209538	+	1	4	A.DLADLDVLSTEDLK.N	18
PLOG+1327	proteomics_log	209557	209577	+	1	4	R.LMSYGYA.-	11
PLOG+1328	proteomics_log	209557	209577	+	1	4	R.LM*SYGYA.-	12
PLOG+1329	proteomics_log	212108	212173	+	2	2	R.HLAFSVDDIDA AVAHLESHNVK.C	26
PLOG+1330	proteomics_log	212213	212263	+	2	11	R.FTFFNDPDGLPLELYEQ.-	21

PLOG+1331	proteomics_log	215548	215589	+	1	2	R.TADKLVLTDSKGEK.S	18
PLOG+1332	proteomics_log	219155	219226	+	2	4	A.SGSDSAKGRYGLISTTGPSTRSR.L	28
PLOG+1333	proteomics_log	221299	221412	+	1	2	S.TIRAINGAAPTIVNGTIAACKPIDVPTITRVNGIHTSK.I	42
PLOG+1334	proteomics_log	222869	222952	+	2	4	R.DGTINVDHGYVHEIDNFEFIDGVIDAMR.E	32
PLOG+1335	proteomics_log	223301	223384	+	2	2	R.TGKPITPEAENAADWVLNSLADLPQAIK.K	32
PLOG+1336	proteomics_log	223301	223405	+	2	9	R.TGKPITPEAENAADWVLNSLADLPQAIKKQKPAQ.-	39
PLOG+1337	proteomics_log	223301	223387	+	2	27	R.TGKPITPEAENAADWVLNSLADLPQAIKK.Q	33
PLOG+1338	proteomics_log	229170	229259	+	3	2	M.AIPAFGLGTFRCLKDDVVISSVITALELGYR.A	34
PLOG+1339	proteomics_log	229203	229259	+	3	9	R.LKDDVVISSVITALELGYR.A	23
PLOG+1340	proteomics_log	229539	229580	+	3	8	R.EIGISNFTIPLMEK.A	18
PLOG+1341	proteomics_log	231827	231859	+	2	2	R.GLVNSEASVLV.T	15
PLOG+1342	proteomics_log	236340	236414	+	3	4	R.GAELVIHNAAFDIGFMDYEFSLKR.D	29
PLOG+1343	proteomics_log	240427	240459	+	1	75	A.QDDLTISSLAK.G	15
PLOG+1344	proteomics_log	240460	240528	+	1	3	K.GETTKAAFNQMVQGHKLPWVMK.G	27
PLOG+1345	proteomics_log	240475	240528	+	1	4	K.AAFNQMVQGHKLPWVMK.G	22
PLOG+1346	proteomics_log	240475	240507	+	1	4	K.AAFNQMVQGHK.L	15
PLOG+1347	proteomics_log	240625	240648	+	1	2	R.IAVMWSEK.S	12
PLOG+1348	proteomics_log	240649	240750	+	1	2	K.SNQMTGLFSTIDEKTSQEKLTLNVNDALSIDGK.T	38
PLOG+1349	proteomics_log	240649	240690	+	1	34	K.SNQMTGLFSTIDEK.T	18
PLOG+1350	proteomics_log	240706	240750	+	1	5	K.LTWLNVNDALSIDGK.T	19
PLOG+1351	proteomics_log	240751	240813	+	1	110	K.TVLFALTGSGLENHPDGFNFK.-	25
PLOG+1352	proteomics_log	243543	243563	+	3	2	L.MYQDLIR.N	11
PLOG+1353	proteomics_log	243543	243608	+	3	3	L.MYQDLIRNELNEAAETLANFLK.D	26
PLOG+1354	proteomics_log	243543	243638	+	3	105	L.M*YQDLIRNELNEAAETLANFLKDDANIHAIQR.A	37
PLOG+1355	proteomics_log	243543	243638	+	3	276	L.MYQDLIRNELNEAAETLANFLKDDANIHAIQR.A	36
PLOG+1356	proteomics_log	243564	243608	+	3	5	R.NELNEAAETLANFLK.D	19
PLOG+1357	proteomics_log	243564	243638	+	3	183	R.NELNEAAETLANFLKDDANIHAIQR.A	29
PLOG+1358	proteomics_log	243639	243680	+	3	26	R.AAVLLADSFKAGGK.V	18
PLOG+1359	proteomics_log	243639	243668	+	3	43	R.AAVLLADSFK.A	14
PLOG+1360	proteomics_log	243852	243947	+	3	12	R.YVEAVGREGDVLLGISTSGNSANVIKAAAR.E	36
PLOG+1361	proteomics_log	243852	243929	+	3	14	R.YVEAVGREGDVLLGISTSGNSANVIK.A	30
PLOG+1362	proteomics_log	243873	243929	+	3	14	R.EGDVLLGISTSGNSANVIK.A	23
PLOG+1363	proteomics_log	243963	243995	+	3	2	K.VITLTGKDGK.M	15
PLOG+1364	proteomics_log	243996	244025	+	3	14	K.MAGTADIEIR.V	14
PLOG+1365	proteomics_log	244026	244118	+	3	5	R.VPHFGYADRIQEIHIVIHILIQIEKEMVK.-	35
PLOG+1366	proteomics_log	244053	244118	+	3	32	R.IQEIHIVIHILIQIEKEMVK.-	26
PLOG+1367	proteomics_log	244074	244118	+	3	65	K.VIHILIQIEKEMVK.-	19
PLOG+1368	proteomics_log	250375	250440	+	1	2	L.IKDDQNRNM*FERGSAKIMPFK.T	27
PLOG+1369	proteomics_log	250531	250581	+	1	2	N.NIYNWNLSGDRALSAR.R	21
PLOG+1370	proteomics_log	255980	256027	+	2	123	M.SEKYIVTWDMLQIHAR.K	20
PLOG+1371	proteomics_log	255989	256027	+	2	43	K.YIVTWDMLQIHAR.K	17
PLOG+1372	proteomics_log	256043	256087	+	2	44	R.LMPSEQWKGIIVSR.G	19
PLOG+1373	proteomics_log	256088	256120	+	2	39	R.GGLVPGALLAR.E	15
PLOG+1374	proteomics_log	256136	256183	+	2	3	R.HVDTVCISSYDHDNR.E	20
PLOG+1375	proteomics_log	256193	256294	+	2	10	K.VLKRAEGDGEGFIVIDDLVDTGGTAVAIREMPK.A	38
PLOG+1376	proteomics_log	256202	256279	+	2	3	K.RAEGDGEGFIVIDDLVDTGGTAVAIR.E	30

PLOG+1377	proteomics_log	256202	256294	+	2	7	K.RAEGDGEFVIDDLVDTGGTAVAIREMPK.A	35
PLOG+1378	proteomics_log	256205	256294	+	2	2	R.AEGDGEFVIDDLVDTGGTAVAIREMPK.A	34
PLOG+1379	proteomics_log	256205	256279	+	2	10	R.AEGDGEFVIDDLVDTGGTAVAIR.E	29
PLOG+1380	proteomics_log	258027	258062	+	3	3	R.FTYSYQFGLFDK.A	16
PLOG+1381	proteomics_log	258111	258131	+	3	6	E.RLEHTLR.E	11
PLOG+1382	proteomics_log	258147	258227	+	3	4	K.LRELLTTLNLKLEPADDFRDEPVKLT.-	31
PLOG+1383	proteomics_log	258153	258227	+	3	5	R.ELLTTLNLKLEPADDFRDEPVKLT.-	29
PLOG+1384	proteomics_log	259642	259674	+	1	6	K.LGTSVLTTGGSR.R	15
PLOG+1385	proteomics_log	259828	259857	+	1	6	K.QLLAAVGQSR.L	14
PLOG+1386	proteomics_log	259828	259926	+	1	7	K.QLLAAVGQSRLIQLWEQLFSIYGIHVGMMLTR.A	37
PLOG+1387	proteomics_log	259858	259926	+	1	5	R.LIQLWEQLFSIYGIHVGMMLTR.A	27
PLOG+1388	proteomics_log	260047	260127	+	1	16	K.VGDNDNLSALAAIAGADKLLLLTDQK.G	31
PLOG+1389	proteomics_log	260152	260262	+	1	4	R.SNPQAELIKDVYGIIDALRAIAGDSVSGLTGGM*STK.L	42
PLOG+1390	proteomics_log	260152	260262	+	1	21	R.SNPQAELIKDVYGIIDALRAIAGDSVSGLTGGMSTK.L	41
PLOG+1391	proteomics_log	260152	260208	+	1	28	R.SNPQAELIKDVYGIIDALR.A	23
PLOG+1392	proteomics_log	260209	260262	+	1	27	R.AIAGDSVSGLTGGMSTK.L	22
PLOG+1393	proteomics_log	260290	260406	+	1	17	R.AGIDTIIAAGSKPGVIGDVMEGISVGTLFHAQATPLENR.K	43
PLOG+1394	proteomics_log	260554	260598	+	1	2	R.ICNLEGRDIAHGVS.R	19
PLOG+1395	proteomics_log	260623	260712	+	1	2	R.IAGHHSQEIDAILGYEYGPVAVHRDDM*ITR.-	35
PLOG+1396	proteomics_log	260623	260712	+	1	11	R.IAGHHSQEIDAILGYEYGPVAVHRDDMITR.-	34
PLOG+1397	proteomics_log	260727	260756	+	3	2	L.MLEQM*GIAAK.Q	15
PLOG+1398	proteomics_log	260727	260756	+	3	2	L.M*LEQM*GIAAK.Q	16
PLOG+1399	proteomics_log	260727	260756	+	3	7	L.M*LEQM*GIAAK.Q	15
PLOG+1400	proteomics_log	260727	260756	+	3	71	L.MLEQM*GIAAK.Q	14
PLOG+1401	proteomics_log	260793	260888	+	3	2	R.EKNRVLEKIADELEAQSEIILNANAQDVADAR.A	36
PLOG+1402	proteomics_log	260889	260921	+	3	21	R.ANGLSEAMLDL.R	15
PLOG+1403	proteomics_log	260943	261038	+	3	3	R.LKGIADDVVRQVCNLADPVGQVIDGGVLDLGLR.L	36
PLOG+1404	proteomics_log	260943	260969	+	3	6	R.LKGIADDVVR.Q	13
PLOG+1405	proteomics_log	260970	261038	+	3	2	R.QVCNLADPVGQVIDGGVLDLGLR.L	27
PLOG+1406	proteomics_log	261177	261218	+	3	15	R.TNAATVAVIQDALK.S	18
PLOG+1407	proteomics_log	261294	261326	+	3	73	R.MDKYIDMLIPR.G	15
PLOG+1408	proteomics_log	261516	261551	+	3	3	K.NIADSFLPALS.K	16
PLOG+1409	proteomics_log	261690	261728	+	3	3	K.IVSDLDLDAIAHIR.E	17
PLOG+1410	proteomics_log	261690	261767	+	3	14	K.IVSDLDLDAIAHIREHGTQHSDAILTR.D	30
PLOG+1411	proteomics_log	261729	261767	+	3	5	R.EHGTQHSDAILTR.D	17
PLOG+1412	proteomics_log	261909	261944	+	3	18	R.GPMGLEALTTYK.W	16
PLOG+1413	proteomics_log	265692	265772	+	3	2	A.FRSSLSSHAM*RNRVVATSASRGSVLR.F	32
PLOG+1414	proteomics_log	276065	276094	+	2	3	K.VLVENPELIR.E	14
PLOG+1415	proteomics_log	278693	278743	+	2	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1416	proteomics_log	278693	278743	+	2	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1417	proteomics_log	278693	278743	+	2	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1418	proteomics_log	281505	281615	+	3	3	M.PQSALFTGIIPPVSTIFTADGQLDKPGTAALIDDLIK.A	41
PLOG+1419	proteomics_log	282812	282859	+	2	4	M.FDSLTPYRNDAAIVFRR.L	20
PLOG+1420	proteomics_log	283144	283260	+	1	2	G.HLAGGRGGAGSGAAALRAGAVRAGGVAGDRPPVARGQR.A	43
PLOG+1421	proteomics_log	285951	285998	+	3	3	R.AAQGEAVPDAATAASH.-	20
PLOG+1422	proteomics_log	290164	290214	+	1	5	R.NNRLPEPVIRVKQPALA.R	21

PLOG+1423	proteomics_log	290164	290214	+	1	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1424	proteomics_log	290164	290214	+	1	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG+1425	proteomics_log	304593	304682	+	3	3	I.GHIPPAIAPGIVGFCSVAGNKGKRRER.Y	34
PLOG+1426	proteomics_log	321153	321185	+	3	2	R.MQDLTSFIVNK.L	15
PLOG+1427	proteomics_log	321153	321224	+	3	10	R.MQDLTSFIVNKLGVVDVGASLQGR.A	28
PLOG+1428	proteomics_log	321258	321305	+	3	7	R.KLGVKDEPLTLLKNVR.G	20
PLOG+1429	proteomics_log	322291	322341	+	1	5	R.IAPTFAEVDVLITMLAR.S	21
PLOG+1430	proteomics_log	323093	323119	+	2	2	R.LTQLNQQR.C	13
PLOG+1431	proteomics_log	323330	323365	+	2	2	K.GAENISQAEQAK.V	16
PLOG+1432	proteomics_log	327471	327536	+	3	2	R.ISTGQSGSGSSMRQSLPLRPV.R	26
PLOG+1433	proteomics_log	335065	335106	+	1	4	R.GFEEIAQLLIAAGA.-	18
PLOG+1434	proteomics_log	335551	335589	+	1	2	P.FYQALNKELHIKR.R	17
PLOG+1435	proteomics_log	337319	337363	+	2	2	H.EDPVGSTIETIKEAK.A	19
PLOG+1436	proteomics_log	337828	337935	+	1	2	M.TAKTILHAGPPITWEKMCGAMKGAVTGALVFEGLA.K.D	40
PLOG+1437	proteomics_log	338404	338487	+	1	2	G.PTWM*AM*CKAAMDAAHGIEYSTVVTM*AR.N	35
PLOG+1438	proteomics_log	342120	342143	+	3	2	K.AVGAYSAK.Q	12
PLOG+1439	proteomics_log	342120	342173	+	3	2	K.AVGAYSAKQPLEPM*DITR.R	23
PLOG+1440	proteomics_log	342120	342173	+	3	3	K.AVGAYSAKQPLEPMDITR.R	22
PLOG+1441	proteomics_log	342309	342338	+	3	11	R.VVAVGDQVEK.Y	14
PLOG+1442	proteomics_log	342636	342683	+	3	3	K.KVGVVIGGGLGHM*GIK.L	21
PLOG+1443	proteomics_log	342639	342683	+	3	37	K.VGVVIGGGLGHMGIK.L	19
PLOG+1444	proteomics_log	342684	342737	+	3	3	K.LAHAM*GAHVVAFTTSEAK.R	23
PLOG+1445	proteomics_log	342684	342737	+	3	5	K.LAHAMGAHVVAFTTSEAK.R	22
PLOG+1446	proteomics_log	342684	342740	+	3	6	K.LAHAM*GAHVVAFTTSEAKR.E	24
PLOG+1447	proteomics_log	342684	342740	+	3	23	K.LAHAMGAHVVAFTTSEAKR.E	23
PLOG+1448	proteomics_log	342741	342785	+	3	2	R.EAAKALGADEVVNSR.N	19
PLOG+1449	proteomics_log	342753	342785	+	3	51	K.ALGADEVVNSR.N	15
PLOG+1450	proteomics_log	342786	342815	+	3	5	R.NADEM*AAHLK.S	15
PLOG+1451	proteomics_log	342786	342815	+	3	52	R.NADEMAAHLK.S	14
PLOG+1452	proteomics_log	342816	342884	+	3	20	K.SDFILNTVAAPHNLDDFTLLK.R	27
PLOG+1453	proteomics_log	342816	342887	+	3	40	K.SDFILNTVAAPHNLDDFTLLKR.D	28
PLOG+1454	proteomics_log	342888	342965	+	3	2	R.DGTMTLVGAPATPHKSPEVFNLMKR.R	30
PLOG+1455	proteomics_log	342888	342962	+	3	14	R.DGTMTLVGAPATPHKSPEVFNLMK.R	29
PLOG+1456	proteomics_log	342933	342962	+	3	3	K.SPEVFNLMK.R	14
PLOG+1457	proteomics_log	343068	343097	+	3	22	R.ADQINEAYER.M	14
PLOG+1458	proteomics_log	343098	343124	+	3	2	R.MLRGDVKYR.F	13
PLOG+1459	proteomics_log	345771	345824	+	3	23	A.AELMTKAEFEKVESQYEK.I	22
PLOG+1460	proteomics_log	345789	345824	+	3	72	K.AEFEKVESQYEK.I	16
PLOG+1461	proteomics_log	345825	345902	+	3	2	K.IGDISTSNEM*STADAKEDLIKKADEK.G	31
PLOG+1462	proteomics_log	345825	345887	+	3	2	K.IGDISTSNEM*STADAKEDLIK.K	26
PLOG+1463	proteomics_log	345825	345890	+	3	7	K.IGDISTSNEMSTADAKEDLIKK.A	26
PLOG+1464	proteomics_log	345825	345872	+	3	9	K.IGDISTSNEMSTADAK.E	20
PLOG+1465	proteomics_log	345825	345902	+	3	14	K.IGDISTSNEMSTADAKEDLIKKADEK.G	30
PLOG+1466	proteomics_log	345825	345887	+	3	14	K.IGDISTSNEMSTADAKEDLIK.K	25
PLOG+1467	proteomics_log	345903	345977	+	3	2	K.GADVVLVTSGQTDNKIHGTANIYKK.K	29
PLOG+1468	proteomics_log	345903	345947	+	3	3	K.GADVVLVTSGQTDNK.I	19

PLOG+1469	proteomics_log	345903	345980	+	3	4	K.GADVLTSGQTDNKHGTANIYKKK.-	30
PLOG+1470	proteomics_log	345903	345974	+	3	20	K.GADVLTSGQTDNKHGTANIYK.K	28
PLOG+1471	proteomics_log	350967	351065	+	3	3	K.VASTAVVAEMLGLTREEILNAVSLAWVDGQSLR.T	37
PLOG+1472	proteomics_log	352075	352131	+	1	2	K.AEPTCATTSTAGWRNSQR.R	23
PLOG+1473	proteomics_log	352531	352587	+	1	4	R.KWRASAGGMSISRRCAINT.S	23
PLOG+1474	proteomics_log	355398	355433	+	3	57	V.SNNALQTIINAR.L	16
PLOG+1475	proteomics_log	355674	355706	+	3	3	K.ALLTHDDVKQR.A	15
PLOG+1476	proteomics_log	355758	355799	+	3	3	R.THVDVSDATLTALK.A	18
PLOG+1477	proteomics_log	355818	355919	+	3	8	K.QEVAPWIDLQIVAFPQEGILSYPNGEALLEEALR.L	38
PLOG+1478	proteomics_log	355920	355967	+	3	9	R.LGADVVGAIPIHFETR.E	20
PLOG+1479	proteomics_log	356121	356177	+	3	2	R.VTASHTTAM*HSYNGAYTSR.L	24
PLOG+1480	proteomics_log	356196	356252	+	3	9	K.MSGINFVANPLVNIHLQGR.F	23
PLOG+1481	proteomics_log	356475	356567	+	3	51	R.TLNLQDYGIAAGNSANLIILPAENGFALRR.Q	35
PLOG+1482	proteomics_log	356604	356675	+	3	8	K.VIASTQPAQTTVYLEQPEAIDYKR.-	28
PLOG+1483	proteomics_log	370994	371038	+	2	2	F.VFDTSDLTDALFEAR.L	19
PLOG+1484	proteomics_log	375760	375861	+	1	2	A.GKM*LALGTGTGVGM*AASAPGILVAGLAVFILM*SR.R	41
PLOG+1485	proteomics_log	375999	376055	+	3	2	M.AKLTLQEQLLKAGLVTSKK.A	23
PLOG+1486	proteomics_log	375999	376031	+	3	2	M.AKLTLQEQLLK.A	15
PLOG+1487	proteomics_log	376113	376151	+	3	2	R.AAVEENKKAQLER.D	17
PLOG+1488	proteomics_log	376299	376343	+	3	10	K.IFVDKLTQAQLINGR.L	19
PLOG+1489	proteomics_log	376359	376433	+	3	23	R.LLVDNNSGEYAIIPASVADKIAQR.D	29
PLOG+1490	proteomics_log	378433	378498	+	1	2	G.AVWHQAFTLGFANRNTEVSFAR.T	26
PLOG+1491	proteomics_log	384624	384734	+	3	4	R.KFDSGASIVRALASGDVQIGNLGSSPLAVAASQQVPI.E	41
PLOG+1492	proteomics_log	400610	400642	+	2	4	D.M*KNLIAELLFK.L	16
PLOG+1493	proteomics_log	400610	400642	+	2	48	D.MKNLIAELLFK.L	15
PLOG+1494	proteomics_log	400724	400750	+	2	4	R.NM*AQNDQQR.L	14
PLOG+1495	proteomics_log	400724	400750	+	2	26	R.NMAQNDQQR.L	13
PLOG+1496	proteomics_log	400751	400843	+	2	5	R.LIDQVEGALYEVKPDASIPDDDTELLRDYVK.K	35
PLOG+1497	proteomics_log	401067	401105	+	3	8	R.AAQGDITAPGGAR.R	17
PLOG+1498	proteomics_log	402670	402708	+	1	6	S.DCLKNSKSAPGEK.S	17
PLOG+1499	proteomics_log	405632	405661	+	2	7	M.TQPLFLIGPR.G	14
PLOG+1500	proteomics_log	405716	405802	+	2	3	R.FVDTDQWLQSQNLNMTVAEIVEREEWAGFR.A	33
PLOG+1501	proteomics_log	405959	406045	+	2	2	R.LQAAPEEDLRPTLTGKPLSEEVQEVLEER.D	33
PLOG+1502	proteomics_log	406046	406123	+	2	6	R.DALYREVAHIIIDATNEPSQVISEIR.S	30
PLOG+1503	proteomics_log	406257	406295	+	3	2	K.GKPGQTVTWYQLR.A	17
PLOG+1504	proteomics_log	407261	407305	+	2	7	K.QLDVPVLLSNVLIAR.L	19
PLOG+1505	proteomics_log	407401	407433	+	1	62	F.MLQSNEYFSGK.V	15
PLOG+1506	proteomics_log	407401	407439	+	1	84	F.MLQSNEYFSGVK.S	17
PLOG+1507	proteomics_log	407440	407472	+	1	75	K.SIGFSSSSTGR.A	15
PLOG+1508	proteomics_log	409467	409538	+	3	3	R.DDYRQTIETIATLVDM*AEQATGQR.G	29
PLOG+1509	proteomics_log	409467	409538	+	3	6	R.DDYRQTIETIATLVDMAEQATGQR.G	28
PLOG+1510	proteomics_log	410070	410174	+	3	6	K.SLAHVVNILDPDIVLGGMSNVDRLYQTVGQLIK.Q	39
PLOG+1511	proteomics_log	420231	420323	+	3	2	L.KRGLSTRHIRFM*ALGSAIGTGLFYGSADAIAK.M	36
PLOG+1512	proteomics_log	422264	422311	+	2	3	F.YGGDLGDISEKLPYLK.K	20
PLOG+1513	proteomics_log	422919	422981	+	3	2	T.IVASHSRCGDFLPIPIISLTIR.S	25
PLOG+1514	proteomics_log	424235	424303	+	2	6	V.MRVTDFFELPESLIAHYMPER.S	27

PLOG+1515	proteomics_log	424316	424420	+	2	35	R.LLSLDGPTGALTHGTFTDLLDKLNPGDLLVFNTR.V	39
PLOG+1516	proteomics_log	424448	424486	+	2	2	R.KASGGKIEVLVER.M	17
PLOG+1517	proteomics_log	425108	425209	+	2	3	K.VVDALVTNFHLPSTLIMLVSAFAGYQHTMNAYK.A	38
PLOG+1518	proteomics_log	426180	426215	+	3	2	R.NGHLFVTDGVVK.I	16
PLOG+1519	proteomics_log	426180	426221	+	3	7	R.NGHLFVTDGVVKIR.N	18
PLOG+1520	proteomics_log	426297	426320	+	3	2	R.AYLHHLDR.C	12
PLOG+1521	proteomics_log	426345	426368	+	3	3	R.LNTIHNLR.Y	12
PLOG+1522	proteomics_log	426399	426452	+	3	4	R.KAIEEGKLESFVTDIFYQR.Q	22
PLOG+1523	proteomics_log	426402	426452	+	3	4	K.AIEEGKLESFVTDIFYQR.Q	21
PLOG+1524	proteomics_log	427036	427065	+	1	4	K.TLQEEKITAK.S	14
PLOG+1525	proteomics_log	427066	427101	+	1	7	K.SVALEEGAILAR.F	16
PLOG+1526	proteomics_log	427102	427128	+	1	18	R.FDSTDTQLR.A	13
PLOG+1527	proteomics_log	427204	427254	+	1	6	R.WLAAIHAPEPMKLGDLR.G	21
PLOG+1528	proteomics_log	427576	427620	+	1	14	R.NRVNQLGVAEPVVQR.Q	19
PLOG+1529	proteomics_log	427717	427794	+	1	19	R.LVNTNVDQAAAASGRVPGDSEVKQTR.E	30
PLOG+1530	proteomics_log	427762	427794	+	1	3	R.VPGDSEVKQTR.E	15
PLOG+1531	proteomics_log	428092	428124	+	1	11	R.ITGINNPNEAR.Q	15
PLOG+1532	proteomics_log	429026	429115	+	2	2	P.PAEGETGGQVLGSQVLKVINESTNQNAAVK.R	34
PLOG+1533	proteomics_log	429077	429118	+	2	2	K.VINESTNQNAAVKR.I	18
PLOG+1534	proteomics_log	429077	429115	+	2	4	K.VINESTNQNAAVK.R	17
PLOG+1535	proteomics_log	432385	432426	+	1	3	K.SNDVREPFNEEKLR.S	18
PLOG+1536	proteomics_log	432442	432501	+	1	2	R.ALEKRPVSSDDVEM*AINHIK.S	25
PLOG+1537	proteomics_log	432442	432501	+	1	10	R.ALEKRPVSSDDVEMAINHIK.S	24
PLOG+1538	proteomics_log	432502	432543	+	1	2	K.SQLRATGEREVPSK.M	18
PLOG+1539	proteomics_log	432544	432576	+	1	6	K.MIGNLVMEQLK.K	15
PLOG+1540	proteomics_log	432544	432603	+	1	11	K.MIGNLVMEQLKDKVAYIR.F	24
PLOG+1541	proteomics_log	432622	432663	+	1	13	R.SFEDIKEFGEEIAR.L	18
PLOG+1542	proteomics_log	432788	432817	+	2	5	K.LSVKVTTNVR.V	14
PLOG+1543	proteomics_log	432814	432849	+	1	2	R.AGEPHAEVHALR.M	16
PLOG+1544	proteomics_log	432964	433008	+	1	4	R.VVASM*QDPNPQVAGR.G	20
PLOG+1545	proteomics_log	432964	433008	+	1	14	R.VVASMQDPNPQVAGR.G	19
PLOG+1546	proteomics_log	433871	433912	+	2	25	K.M*NIIEANVATPDAR.V	19
PLOG+1547	proteomics_log	433871	433912	+	2	140	K.MNIIEANVATPDAR.V	18
PLOG+1548	proteomics_log	433913	433990	+	2	101	R.VAITIARFNNFINDSLLEGALDALKR.I	30
PLOG+1549	proteomics_log	433934	433966	+	2	8	R.FNNFINDSLLE.G	15
PLOG+1550	proteomics_log	433934	433987	+	2	50	R.FNNFINDSLLEGALDALK.R	22
PLOG+1551	proteomics_log	433934	433990	+	2	399	R.FNNFINDSLLEGALDALKR.I	23
PLOG+1552	proteomics_log	433949	433990	+	2	16	I.NDSLLEGALDALKR.I	18
PLOG+1553	proteomics_log	433991	434077	+	2	243	R.IGQVKDENITVVWVPGAYELPLAAGALAK.T	33
PLOG+1554	proteomics_log	434078	434122	+	2	151	K.TGKYDAVIALGTVIR.G	19
PLOG+1555	proteomics_log	434123	434254	+	2	72	R.GGTAHFYVAGGASNGLAHVAQDSEIPVAFGLTTESIEQAIER.A	48
PLOG+1556	proteomics_log	434255	434338	+	2	17	R.AGTKAGNKGAEAAALTALEM*INVLKAIKA.-	33
PLOG+1557	proteomics_log	434255	434326	+	2	21	R.AGTKAGNKGAEAAALTALEM*INVLK.A	29
PLOG+1558	proteomics_log	434255	434338	+	2	133	R.AGTKAGNKGAEAAALTALEMINVLKAIKA.-	32
PLOG+1559	proteomics_log	434255	434326	+	2	145	R.AGTKAGNKGAEAAALTALEMINVLK.A	28
PLOG+1560	proteomics_log	434267	434338	+	2	2	K.AGNKGAEEALTALEM*INVLKAIKA.-	29

PLOG+1561	proteomics_log	434267	434326	+	2	3	K.AGNKGAEAAALTALEM*INVLK.A	25
PLOG+1562	proteomics_log	434267	434338	+	2	71	K.AGNKGAEAAALTALEMINVLKAIKA.-	28
PLOG+1563	proteomics_log	434267	434326	+	2	184	K.AGNKGAEAAALTALEMINVLK.A	24
PLOG+1564	proteomics_log	434279	434326	+	2	5	K.GAEAAALTALEM*INVLK.A	21
PLOG+1565	proteomics_log	434279	434326	+	2	7	K.GAEAAALTALEMINVLK.A	20
PLOG+1566	proteomics_log	434279	434338	+	2	9	K.GAEAAALTALEMINVLKAIKA.-	24
PLOG+1567	proteomics_log	434508	434576	+	3	39	R.ELLAGVATNTAYLDGLMKPYLSR.L	27
PLOG+1568	proteomics_log	434577	434618	+	3	45	R.LLEELGQVEKAVLR.I	18
PLOG+1569	proteomics_log	434577	434606	+	3	52	R.LLEELGQVEK.A	14
PLOG+1570	proteomics_log	434619	434645	+	3	2	R.IALYELSKR.S	13
PLOG+1571	proteomics_log	434643	434696	+	3	5	K.RSDVPYKVAINEAIELAK.S	22
PLOG+1572	proteomics_log	434697	434777	+	3	2	K.SFGAEDSHKFFVNGVLDKAAPVIRPNKK.-	31
PLOG+1573	proteomics_log	435446	435535	+	2	47	R.ILQQQALRDLANSALDLSGLISDLGHIVK.A	34
PLOG+1574	proteomics_log	435470	435535	+	2	5	R.DLANSALDLSGLISDLGHIVK.A	26
PLOG+1575	proteomics_log	435557	435598	+	2	9	R.IDLALLPFSDALSR.H	18
PLOG+1576	proteomics_log	440980	441051	+	1	3	R.IPGIHHILEVEDVPFTDMHDIFEK.A	28
PLOG+1577	proteomics_log	441487	441534	+	1	2	R.FVAINFEPVVGIELEK.I	20
PLOG+1578	proteomics_log	441679	441759	+	1	42	R.LIDNVSDTLILRPLISYDKEHIINLAR.Q	31
PLOG+1579	proteomics_log	442015	442086	+	1	15	R.SIDEQEDKPLKVEGIDVVSLPFYK.L	28
PLOG+1580	proteomics_log	443910	443954	+	3	258	M.PSFDIVSEVDLQEAR.N	19
PLOG+1581	proteomics_log	443955	443978	+	3	7	R.NAVDNASR.E	12
PLOG+1582	proteomics_log	443955	443993	+	3	49	R.NAVDNASREVESR.F	17
PLOG+1583	proteomics_log	443994	444104	+	3	8	R.FDFRNEASFELNDASKTIKVLSESDFQVNQLLDILR.A	41
PLOG+1584	proteomics_log	443994	444044	+	3	46	R.FDFRNEASFELNDASK.T	21
PLOG+1585	proteomics_log	443994	444053	+	3	52	R.FDFRNEASFELNDASKTIK.V	24
PLOG+1586	proteomics_log	444006	444053	+	3	2	R.NVEASFELNDASKTIK.V	20
PLOG+1587	proteomics_log	444006	444104	+	3	30	R.NVEASFELNDASKTIKVLSESDFQVNQLLDILR.A	37
PLOG+1588	proteomics_log	444006	444044	+	3	42	R.NVEASFELNDASK.T	17
PLOG+1589	proteomics_log	444045	444104	+	3	144	K.TIKVLSESDFQVNQLLDILR.A	24
PLOG+1590	proteomics_log	444054	444110	+	3	6	K.VLSESDFQVNQLLDILRAK.L	23
PLOG+1591	proteomics_log	444054	444092	+	3	14	K.VLSESDFQVNQLL.D	17
PLOG+1592	proteomics_log	444054	444104	+	3	290	K.VLSESDFQVNQLLDILR.A	21
PLOG+1593	proteomics_log	444111	444176	+	3	2	K.LLKRGIEGSSLDVPENIVHSGK.T	26
PLOG+1594	proteomics_log	444111	444197	+	3	3	K.LLKRGIEGSSLDVPENIVHSGKTWFVEAK.L	33
PLOG+1595	proteomics_log	444120	444176	+	3	32	K.RGIEGSSLDVPENIVHSGK.T	23
PLOG+1596	proteomics_log	444120	444197	+	3	91	K.RGIEGSSLDVPENIVHSGKTWFVEAK.L	30
PLOG+1597	proteomics_log	444123	444176	+	3	85	R.GIEGSSLDVPENIVHSGK.T	22
PLOG+1598	proteomics_log	444123	444197	+	3	90	R.GIEGSSLDVPENIVHSGKTWFVEAK.L	29
PLOG+1599	proteomics_log	444177	444197	+	3	2	K.TWFVEAK.L	11
PLOG+1600	proteomics_log	444198	444242	+	3	70	K.LKQGIESATQKKIVK.M	19
PLOG+1601	proteomics_log	444198	444230	+	3	73	K.LKQGIESATQK.K	15
PLOG+1602	proteomics_log	444198	444233	+	3	127	K.LKQGIESATQKK.I	16
PLOG+1603	proteomics_log	444243	444299	+	3	2	K.MIKDSKLVQAQIQGDEIR.V	23
PLOG+1604	proteomics_log	444243	444311	+	3	8	K.MIKDSKLVQAQIQGDEIRVTGK.S	27
PLOG+1605	proteomics_log	444261	444311	+	3	24	K.LKVQAQIQGDEIRVTGK.S	21
PLOG+1606	proteomics_log	444261	444299	+	3	36	K.LKVQAQIQGDEIR.V	17

PLOG+1607	proteomics_log	444267	444311	+	3	20	K.VQAQIQGDEIRVTGK.S	19
PLOG+1608	proteomics_log	444267	444299	+	3	43	K.VQAQIQGDEIR.V	15
PLOG+1609	proteomics_log	444300	444350	+	3	3	R.VTGKSRDDLQAVMAMVR.G	21
PLOG+1610	proteomics_log	444312	444350	+	3	2	K.SRDDLQAVMAM*VR.G	18
PLOG+1611	proteomics_log	444312	444350	+	3	328	K.SRDDLQAVMAMVR.G	17
PLOG+1612	proteomics_log	444318	444350	+	3	5	R.DDLQAVM*AM*VR.G	17
PLOG+1613	proteomics_log	444318	444350	+	3	7	R.DDLQAVMAMVR.G	15
PLOG+1614	proteomics_log	444351	444383	+	3	77	R.GGDLGQPFQFK.N	15
PLOG+1615	proteomics_log	444351	444395	+	3	168	R.GGDLGQPFQFKNFRD.-	19
PLOG+1616	proteomics_log	453870	453971	+	3	6	R.MIYSTLAEELSTTVHALALHTYTIKEWGLQDTV.F	38
PLOG+1617	proteomics_log	454357	454398	+	1	2	K.MQVSVETTQGLGRR.V	18
PLOG+1618	proteomics_log	454357	454395	+	1	59	K.M*QVSVETTQGLGR.R	18
PLOG+1619	proteomics_log	454357	454395	+	1	320	K.MQVSVETTQGLGR.R	17
PLOG+1620	proteomics_log	454360	454395	+	1	5	M.QVSVETTQGLGR.R	16
PLOG+1621	proteomics_log	454363	454395	+	1	18	Q.VSVETTQGLGR.R	15
PLOG+1622	proteomics_log	454366	454395	+	1	2	V.SVETTQGLGR.R	14
PLOG+1623	proteomics_log	454366	454467	+	1	41	V.SVETTQGLGRRVTITIAADSIETAVKSELVNVAK.K	38
PLOG+1624	proteomics_log	454396	454446	+	1	3	R.RVTITIAADSIETAVKS.E	21
PLOG+1625	proteomics_log	454396	454476	+	1	165	R.RVTITIAADSIETAVKSELVNVAKKVR.I	31
PLOG+1626	proteomics_log	454396	454470	+	1	226	R.RVTITIAADSIETAVKSELVNVAKK.V	29
PLOG+1627	proteomics_log	454396	454443	+	1	237	R.RVTITIAADSIETAVK.S	20
PLOG+1628	proteomics_log	454396	454467	+	1	505	R.RVTITIAADSIETAVKSELVNVAK.K	28
PLOG+1629	proteomics_log	454399	454491	+	1	2	R.VTITIAADSIETAVKSELVNVAKKVRIDGFR.K	35
PLOG+1630	proteomics_log	454399	454443	+	1	42	R.VTITIAADSIETAVK.S	19
PLOG+1631	proteomics_log	454399	454476	+	1	61	R.VTITIAADSIETAVKSELVNVAKKVR.I	30
PLOG+1632	proteomics_log	454399	454470	+	1	88	R.VTITIAADSIETAVKSELVNVAKK.V	28
PLOG+1633	proteomics_log	454399	454467	+	1	219	R.VTITIAADSIETAVKSELVNVAK.K	27
PLOG+1634	proteomics_log	454405	454467	+	1	17	T.ITIAADSIETAVKSELVNVAK.K	25
PLOG+1635	proteomics_log	454411	454443	+	1	2	T.IAADSIETAVK.S	15
PLOG+1636	proteomics_log	454411	454467	+	1	26	T.IAADSIETAVKSELVNVAK.K	23
PLOG+1637	proteomics_log	454444	454470	+	1	21	K.SELVNVAKK.V	13
PLOG+1638	proteomics_log	454444	454467	+	1	25	K.SELVNVAK.K	12
PLOG+1639	proteomics_log	454444	454476	+	1	69	K.SELVNVAKKVR.I	15
PLOG+1640	proteomics_log	454477	454527	+	1	63	R.IDGFRKGKVP MNIVAQR.Y	21
PLOG+1641	proteomics_log	454492	454524	+	1	4	R.KGKVP MNIVAQ.R	15
PLOG+1642	proteomics_log	454492	454527	+	1	153	R.KGKVP MNIVAQR.Y	16
PLOG+1643	proteomics_log	454495	454524	+	1	4	K.GKVP MNIVAQ.R	14
PLOG+1644	proteomics_log	454495	454527	+	1	16	K.GKVP MNIVAQR.Y	16
PLOG+1645	proteomics_log	454495	454527	+	1	232	K.GKVP MNIVAQR.Y	15
PLOG+1646	proteomics_log	454501	454527	+	1	2	K.VPM* NIVAQR.Y	14
PLOG+1647	proteomics_log	454501	454527	+	1	16	K.VPM NIVAQR.Y	13
PLOG+1648	proteomics_log	454525	454575	+	1	2	Q.RYGASVRQDVLGDLM*SR.N	22
PLOG+1649	proteomics_log	454525	454575	+	1	9	Q.RYGASVRQDVLGDLM SR.N	21
PLOG+1650	proteomics_log	454528	454575	+	1	5	R.YGASVRQDVLGDLM*SR.N	21
PLOG+1651	proteomics_log	454528	454575	+	1	299	R.YGASVRQDVLGDLM SR.N	20
PLOG+1652	proteomics_log	454531	454575	+	1	5	Y.GASVRQDVLGDLM SR.N	19

PLOG+1653	proteomics_log	454546	454605	+	1	12	R.QDVLGDLMsrnFIDAIKEK.I	24
PLOG+1654	proteomics_log	454546	454575	+	1	28	R.QDVLGDLM*SR.N	15
PLOG+1655	proteomics_log	454546	454575	+	1	273	R.QDVLGDLMsr.N	14
PLOG+1656	proteomics_log	454576	454599	+	1	2	R.NFIDAIIK.E	12
PLOG+1657	proteomics_log	454576	454650	+	1	210	R.NFIDAIKEKINPAGAPTYVPGEYK.L	29
PLOG+1658	proteomics_log	454576	454605	+	1	263	R.NFIDAIKEK.I	14
PLOG+1659	proteomics_log	454606	454650	+	1	116	K.INPAGAPTYVPGEYK.L	19
PLOG+1660	proteomics_log	454813	454845	+	1	17	K.EKDGAVEAEDR.V	15
PLOG+1661	proteomics_log	454846	454899	+	1	3	R.VTIDFTGSVDGEEFEGGK.A	22
PLOG+1662	proteomics_log	454846	454935	+	1	14	R.VTIDFTGSVDGEEFEGGKASDFVLAMGQGR.M	34
PLOG+1663	proteomics_log	454900	454935	+	1	5	K.ASDFVLAM*GQGR.M	17
PLOG+1664	proteomics_log	454900	454935	+	1	238	K.ASDFVLAMGQGR.M	16
PLOG+1665	proteomics_log	454936	455052	+	1	2	R.M*IPGFEDGIKGHKAGEEFTIDVTFPEEYHAENLKGKA.K	44
PLOG+1666	proteomics_log	454936	455043	+	1	3	R.M*IPGFEDGIKGHKAGEEFTIDVTFPEEYHAENLKGK.A	41
PLOG+1667	proteomics_log	454936	454974	+	1	6	R.M*IPGFEDGIKGHK.A	18
PLOG+1668	proteomics_log	454936	455043	+	1	43	R.MIPGFEDGIKGHKAGEEFTIDVTFPEEYHAENLKGK.A	40
PLOG+1669	proteomics_log	454936	454974	+	1	61	R.MIPGFEDGIKGHK.A	17
PLOG+1670	proteomics_log	454942	454974	+	1	2	I.PGFEDGIKGHK.A	15
PLOG+1671	proteomics_log	454966	455043	+	1	3	K.GHKAGEEFTIDVTFPEEYHAENLKGK.A	30
PLOG+1672	proteomics_log	454975	455037	+	1	26	K.AGEEFTIDVTFPEEYHAENLK.G	25
PLOG+1673	proteomics_log	454975	455052	+	1	34	K.AGEEFTIDVTFPEEYHAENLKGKA.K	30
PLOG+1674	proteomics_log	454975	455043	+	1	153	K.AGEEFTIDVTFPEEYHAENLKGK.A	27
PLOG+1675	proteomics_log	455008	455043	+	1	2	F.PEEYHAENLKGK.A	16
PLOG+1676	proteomics_log	455044	455085	+	1	2	K.AAKFAINLKKVEER.E	18
PLOG+1677	proteomics_log	455044	455121	+	1	11	K.AAKFAINLKKVEERELPELTAEFIKR.F	30
PLOG+1678	proteomics_log	455044	455070	+	1	28	K.AAKFAINLK.K	13
PLOG+1679	proteomics_log	455053	455085	+	1	57	K.FAINLKKVEER.E	15
PLOG+1680	proteomics_log	455053	455118	+	1	74	K.FAINLKKVEERELPELTAEFIKR.R	26
PLOG+1681	proteomics_log	455053	455121	+	1	85	K.FAINLKKVEERELPELTAEFIKR.F	27
PLOG+1682	proteomics_log	455071	455118	+	1	17	K.KVEERELPELTAEFIKR.R	20
PLOG+1683	proteomics_log	455071	455121	+	1	220	K.KVEERELPELTAEFIKR.F	21
PLOG+1684	proteomics_log	455074	455121	+	1	124	K.VEERELPELTAEFIKR.F	20
PLOG+1685	proteomics_log	455086	455118	+	1	92	R.ELPELTAEFIKR.R	15
PLOG+1686	proteomics_log	455086	455121	+	1	157	R.ELPELTAEFIKR.F	16
PLOG+1687	proteomics_log	455092	455121	+	1	38	L.PELTAEFIKR.F	14
PLOG+1688	proteomics_log	455119	455157	+	1	28	K.RFGVEDGSVEGLR.A	17
PLOG+1689	proteomics_log	455122	455172	+	1	11	R.FGVEDGSVEGLRAEVRK.N	21
PLOG+1690	proteomics_log	455122	455169	+	1	38	R.FGVEDGSVEGLRAEVR.K	20
PLOG+1691	proteomics_log	455122	455157	+	1	138	R.FGVEDGSVEGLR.A	16
PLOG+1692	proteomics_log	455170	455193	+	1	19	R.KNMERELK.S	12
PLOG+1693	proteomics_log	455185	455205	+	1	2	R.ELKS AIR.N	11
PLOG+1694	proteomics_log	455194	455301	+	1	3	K.SAIRNRVKSQAIEGLVKANDIDVPAALIDSEIDVLR.R	40
PLOG+1695	proteomics_log	455206	455244	+	1	3	R.NRVKSQAIEGLVK.A	17
PLOG+1696	proteomics_log	455206	455301	+	1	9	R.NRVKSQAIEGLVKANDIDVPAALIDSEIDVLR.R	36
PLOG+1697	proteomics_log	455206	455304	+	1	15	R.NRVKSQAIEGLVKANDIDVPAALIDSEIDVLR.R.Q	37
PLOG+1698	proteomics_log	455212	455319	+	1	5	R.VKSQAIEGLVKANDIDVPAALIDSEIDVLR.R.QAAQR.F	40

PLOG+1699	proteomics_log	455212	455244	+	1	60	R.VKSQAIEGLVK.A	15
PLOG+1700	proteomics_log	455212	455301	+	1	184	R.VKSQAIEGLVKANDIDVPAALIDSEIDVLR.R	34
PLOG+1701	proteomics_log	455212	455304	+	1	251	R.VKSQAIEGLVKANDIDVPAALIDSEIDVLR.R.Q	35
PLOG+1702	proteomics_log	455218	455319	+	1	10	K.SQAIEGLVKANDIDVPAALIDSEIDVLR.R.QAAQR.F	38
PLOG+1703	proteomics_log	455218	455244	+	1	89	K.SQAIEGLVK.A	13
PLOG+1704	proteomics_log	455218	455301	+	1	201	K.SQAIEGLVKANDIDVPAALIDSEIDVLR.R	32
PLOG+1705	proteomics_log	455218	455304	+	1	345	K.SQAIEGLVKANDIDVPAALIDSEIDVLR.R.Q	33
PLOG+1706	proteomics_log	455245	455304	+	1	18	K.ANDIDVPAALIDSEIDVLR.R.Q	24
PLOG+1707	proteomics_log	455245	455301	+	1	460	K.ANDIDVPAALIDSEIDVLR.R	23
PLOG+1708	proteomics_log	455263	455304	+	1	54	V.PAALIDSEIDVLR.R.Q	18
PLOG+1709	proteomics_log	455305	455382	+	1	2	R.QAAQRFGGNEKQALELPRELFEEQAK.R	30
PLOG+1710	proteomics_log	455305	455337	+	1	13	R.QAAQRFGGNEK.Q	15
PLOG+1711	proteomics_log	455320	455388	+	1	41	R.FGGNEKQALELPRELFEEQAKRR.V	27
PLOG+1712	proteomics_log	455320	455382	+	1	96	R.FGGNEKQALELPRELFEEQAK.R	25
PLOG+1713	proteomics_log	455320	455385	+	1	99	R.FGGNEKQALELPRELFEEQAKR.R	26
PLOG+1714	proteomics_log	455320	455358	+	1	144	R.FGGNEKQALELPR.E	17
PLOG+1715	proteomics_log	455338	455388	+	1	9	K.QALELPRELFEEQAKRR.V	21
PLOG+1716	proteomics_log	455338	455385	+	1	12	K.QALELPRELFEEQAKR.R	20
PLOG+1717	proteomics_log	455338	455382	+	1	100	K.QALELPRELFEEQAK.R	19
PLOG+1718	proteomics_log	455359	455385	+	1	2	R.ELFEEQAKR.R	13
PLOG+1719	proteomics_log	455359	455382	+	1	30	R.ELFEEQAK.R	12
PLOG+1720	proteomics_log	455383	455424	+	1	48	K.RRVVGLLLGEVIR.T	18
PLOG+1721	proteomics_log	455386	455454	+	1	6	R.RVVVGLLLGEVIRTNELKADEER.V	27
PLOG+1722	proteomics_log	455386	455424	+	1	190	R.RVVVGLLLGEVIR.T	17
PLOG+1723	proteomics_log	455389	455439	+	1	64	R.VVVGLLLGEVIRTNELK.A	21
PLOG+1724	proteomics_log	455389	455460	+	1	170	R.VVVGLLLGEVIRTNELKADEERVK.G	28
PLOG+1725	proteomics_log	455389	455454	+	1	266	R.VVVGLLLGEVIRTNELKADEER.V	26
PLOG+1726	proteomics_log	455389	455424	+	1	851	R.VVVGLLLGEVIR.T	16
PLOG+1727	proteomics_log	455425	455526	+	1	5	R.TNELKADEERVKGLIEEM*ASAYEDPKEVIEFYK.N	39
PLOG+1728	proteomics_log	455425	455532	+	1	6	R.TNELKADEERVKGLIEEMASAYEDPKEVIEFYK.NK.E	40
PLOG+1729	proteomics_log	455425	455526	+	1	67	R.TNELKADEERVKGLIEEMASAYEDPKEVIEFYK.N	38
PLOG+1730	proteomics_log	455425	455454	+	1	193	R.TNELKADEER.V	14
PLOG+1731	proteomics_log	455425	455460	+	1	195	R.TNELKADEERVK.G	16
PLOG+1732	proteomics_log	455440	455526	+	1	2	K.ADEERVKGLIEEMASAYEDPKEVIEFYK.N	33
PLOG+1733	proteomics_log	455455	455553	+	1	2	R.VKGLIEEM*ASAYEDPKEVIEFYK.NKELM*DNM*R.N	40
PLOG+1734	proteomics_log	455455	455526	+	1	8	R.VKGLIEEM*ASAYEDPKEVIEFYK.N	29
PLOG+1735	proteomics_log	455455	455553	+	1	21	R.VKGLIEEMASAYEDPKEVIEFYK.NKELMDNMR.N	37
PLOG+1736	proteomics_log	455455	455532	+	1	26	R.VKGLIEEMASAYEDPKEVIEFYK.NK.E	30
PLOG+1737	proteomics_log	455455	455526	+	1	206	R.VKGLIEEMASAYEDPKEVIEFYK.N	28
PLOG+1738	proteomics_log	455461	455553	+	1	2	K.GLIEEMASAYEDPKEVIEFYK.NKELM*DNM*R.N	37
PLOG+1739	proteomics_log	455461	455526	+	1	4	K.GLIEEM*ASAYEDPKEVIEFYK.N	27
PLOG+1740	proteomics_log	455461	455532	+	1	18	K.GLIEEMASAYEDPKEVIEFYK.NK.E	28
PLOG+1741	proteomics_log	455461	455553	+	1	151	K.GLIEEMASAYEDPKEVIEFYK.NKELMDNMR.N	35
PLOG+1742	proteomics_log	455461	455526	+	1	260	K.GLIEEMASAYEDPKEVIEFYK.N	26
PLOG+1743	proteomics_log	455527	455607	+	1	2	K.NKELM*DNM*RNVALEEQAVALAKAV.T	33
PLOG+1744	proteomics_log	455527	455553	+	1	3	K.NKELM*DNM*R.N	15

PLOG+1745	proteomics_log	455527	455598	+	1	3	K.NKELM*DNM*RNVALEEQAWEAVLAK.A	30
PLOG+1746	proteomics_log	455527	455553	+	1	4	K.NKELM*DNMR.N	14
PLOG+1747	proteomics_log	455527	455553	+	1	20	K.NKELMDNM*R.N	14
PLOG+1748	proteomics_log	455527	455598	+	1	107	K.NKELMDNMRNVALEEQAWEAVLAK.A	28
PLOG+1749	proteomics_log	455527	455553	+	1	143	K.NKELMDNMR.N	13
PLOG+1750	proteomics_log	455533	455598	+	1	15	K.ELMDNMRNVALEEQAWEAVLAK.A	26
PLOG+1751	proteomics_log	455554	455595	+	1	2	R.NVALEEQAWEAVLA.K	18
PLOG+1752	proteomics_log	455554	455652	+	1	52	R.NVALEEQAWEAVLAKAKVTEKETFNELMNQQA.-	37
PLOG+1753	proteomics_log	455554	455604	+	1	63	R.NVALEEQAWEAVLAKAK.V	21
PLOG+1754	proteomics_log	455554	455598	+	1	692	R.NVALEEQAWEAVLAK.A	19
PLOG+1755	proteomics_log	455599	455652	+	1	16	K.AKVTEKETFNELM*NQQA.-	23
PLOG+1756	proteomics_log	455599	455652	+	1	378	K.AKVTEKETFNELMNQQA.-	22
PLOG+1757	proteomics_log	455605	455652	+	1	6	K.VTEKETFNELM*NQQA.-	21
PLOG+1758	proteomics_log	455605	455652	+	1	361	K.VTEKETFNELMNQQA.-	20
PLOG+1759	proteomics_log	455617	455652	+	1	9	K.ETTFNELM*NQQA.-	17
PLOG+1760	proteomics_log	455617	455652	+	1	13	K.ETTFNELMNQQA.-	16
PLOG+1761	proteomics_log	455943	455978	+	3	32	M.ALVPMVIEQTSR.G	16
PLOG+1762	proteomics_log	455988	456008	+	3	2	R.SFDIYSR.L	11
PLOG+1763	proteomics_log	456297	456362	+	3	18	R.VM*IHQPLGGYQGQATDIEIHAR.E	27
PLOG+1764	proteomics_log	456297	456362	+	3	78	R.VMIHQPLGGYQGQATDIEIHAR.E	26
PLOG+1765	proteomics_log	456363	456386	+	3	4	R.EILKVKGR.M	12
PLOG+1766	proteomics_log	456381	456440	+	3	2	K.GRMNELMALHTGQSLEQIER.D	24
PLOG+1767	proteomics_log	456387	456440	+	3	2	R.MNELM*ALHTGQSLEQIER.D	23
PLOG+1768	proteomics_log	456387	456440	+	3	10	R.MNELMALHTGQSLEQIER.D	22
PLOG+1769	proteomics_log	456387	456458	+	3	16	R.MNELMALHTGQSLEQIERDTERDR.F	28
PLOG+1770	proteomics_log	456441	456521	+	3	19	R.DTERDRFLSAPEAVEYGLVDSILTHR.-	31
PLOG+1771	proteomics_log	456453	456521	+	3	28	R.DRFLSAPEAVEYGLVDSILTHR.-	27
PLOG+1772	proteomics_log	456459	456518	+	3	4	R.FLSAPEAVEYGLVDSILTHR.N	24
PLOG+1773	proteomics_log	456459	456521	+	3	122	R.FLSAPEAVEYGLVDSILTHR.-	25
PLOG+1774	proteomics_log	456833	456907	+	2	2	R.SALPTPHEIRNHLDDYVIGQEQA.K.V	29
PLOG+1775	proteomics_log	456833	456904	+	2	6	R.SALPTPHEIRNHLDDYVIGQEQA.K	28
PLOG+1776	proteomics_log	456863	456904	+	2	6	R.NHLDDYVIGQEQA.K	18
PLOG+1777	proteomics_log	456905	456940	+	2	2	K.KVLAVAVYNHYK.R	16
PLOG+1778	proteomics_log	456908	456943	+	2	3	K.VLAVAVYNHYKR.L	16
PLOG+1779	proteomics_log	456944	456985	+	2	3	R.LRNGDTSNGVELGK.S	18
PLOG+1780	proteomics_log	456944	457051	+	2	4	R.LRNGDTSNGVELGKSNILLIGPTGSGKTLAETLAR.L	40
PLOG+1781	proteomics_log	456950	456985	+	2	6	R.NGDTSNGVELGK.S	16
PLOG+1782	proteomics_log	456950	457051	+	2	10	R.NGDTSNGVELGKSNILLIGPTGSGKTLAETLAR.L	38
PLOG+1783	proteomics_log	456986	457051	+	2	3	K.SNILLIGPTGSGKTLAETLAR.L	26
PLOG+1784	proteomics_log	456986	457024	+	2	4	K.SNILLIGPTGSGK.T	17
PLOG+1785	proteomics_log	457025	457051	+	2	47	K.TLLAETLAR.L	13
PLOG+1786	proteomics_log	457052	457153	+	2	5	R.LLDVPFTM*ADATTLTEAGYVGEDVENIIQKLLQK.C	39
PLOG+1787	proteomics_log	457052	457141	+	2	13	R.LLDVPFTM*ADATTLTEAGYVGEDVENIIQK.L	35
PLOG+1788	proteomics_log	457052	457141	+	2	107	R.LLDVPFTMADATTLTEAGYVGEDVENIIQK.L	34
PLOG+1789	proteomics_log	457052	457153	+	2	192	R.LLDVPFTMADATTLTEAGYVGEDVENIIQKLLQK.C	38
PLOG+1790	proteomics_log	457103	457153	+	2	2	A.GYVGEDVENIIQKLLQK.C	21

PLOG+1791	proteomics_log	457184	457222	+	2	196	R.GIVYIDEIDKISR.K	17
PLOG+1792	proteomics_log	457223	457288	+	2	18	R.KSDNPSITRDVSGEGVQQALLK.L	26
PLOG+1793	proteomics_log	457223	457249	+	2	68	R.KSDNPSITR.D	13
PLOG+1794	proteomics_log	457250	457288	+	2	178	R.DVSGEGVQQALLK.L	17
PLOG+1795	proteomics_log	457289	457333	+	2	2	K.LIEGTVAAVPPQGGR.K	19
PLOG+1796	proteomics_log	457334	457375	+	2	12	R.KHPQQEFLQVDTSK.I	18
PLOG+1797	proteomics_log	457433	457474	+	2	8	R.VETGSGIGFGATVK.A	18
PLOG+1798	proteomics_log	457475	457540	+	2	5	K.AKSDKASEGELLAQVEPEDLIK.F	26
PLOG+1799	proteomics_log	457481	457540	+	2	2	K.SDKASEGELLAQVEPEDLIK.F	24
PLOG+1800	proteomics_log	457490	457540	+	2	5	K.ASEGELLAQVEPEDLIK.F	21
PLOG+1801	proteomics_log	457541	457630	+	2	2	K.FGLIPEFIGRLPVVATLNELSEEALIQLK.E	34
PLOG+1802	proteomics_log	457541	457570	+	2	4	K.FGLIPEFIGR.L	14
PLOG+1803	proteomics_log	457541	457654	+	2	9	K.FGLIPEFIGRLPVVATLNELSEEALIQLKEPKNALTK.Q	42
PLOG+1804	proteomics_log	457541	457639	+	2	297	K.FGLIPEFIGRLPVVATLNELSEEALIQLKEPK.N	37
PLOG+1805	proteomics_log	457571	457639	+	2	30	R.LPVVATLNELSEEALIQLKEPK.N	27
PLOG+1806	proteomics_log	457640	457732	+	2	5	K.NALTKQYQALFNLEGVDLEFRDEALDAIAK.A	35
PLOG+1807	proteomics_log	457640	457729	+	2	6	K.NALTKQYQALFNLEGVDLEFRDEALDAIAK.K	34
PLOG+1808	proteomics_log	457655	457729	+	2	29	K.QYQALFNLEGVDLEFRDEALDAIAK.K	29
PLOG+1809	proteomics_log	457655	457732	+	2	35	K.QYQALFNLEGVDLEFRDEALDAIAK.A	30
PLOG+1810	proteomics_log	457769	457882	+	2	3	R.SIVEAALLDTMYDLPSMEDVEKVVIDESVIDGQSKPLL.I	42
PLOG+1811	proteomics_log	457769	457834	+	2	3	R.SIVEAALLDTM*YDLPSM*EDVEK.V	28
PLOG+1812	proteomics_log	457769	457834	+	2	59	R.SIVEAALLDTMYDLPSMEDVEK.V	26
PLOG+1813	proteomics_log	457835	457921	+	2	22	K.VVIDESVIDGQSKPLLIYGKPEAQQASGE.-	33
PLOG+1814	proteomics_log	458127	458216	+	3	3	R.SERIEIPVPLRDVVVYPHMMVIPLFVGREK.S	34
PLOG+1815	proteomics_log	458127	458210	+	3	20	R.SERIEIPVPLRDVVVYPHMMVIPLFVGR.E	32
PLOG+1816	proteomics_log	458136	458216	+	3	7	R.IEIPVPLRDVVVYPHMMVIPLFVGREK.S	31
PLOG+1817	proteomics_log	458136	458210	+	3	48	R.IEIPVPLRDVVVYPHMMVIPLFVGR.E	29
PLOG+1818	proteomics_log	458259	458357	+	3	4	K.IMLVAQKEASTDEPGVNDLFTVGTVASILQMLK.L	37
PLOG+1819	proteomics_log	458259	458378	+	3	11	K.IMLVAQKEASTDEPGVNDLFTVGTVASILQMLKLPDGTVK.V	44
PLOG+1820	proteomics_log	458280	458402	+	3	2	K.EASTDEPGVNDLFTVGTVASILQMLKLPDGTVKVLVEGLQR.A	45
PLOG+1821	proteomics_log	458280	458378	+	3	5	K.EASTDEPGVNDLFTVGTVASILQMLKLPDGTVK.V	37
PLOG+1822	proteomics_log	458280	458357	+	3	6	K.EASTDEPGVNDLFTVGTVASILQMLK.L	30
PLOG+1823	proteomics_log	458379	458402	+	3	3	K.VLVEGLQR.A	12
PLOG+1824	proteomics_log	458409	458450	+	3	4	R.ISALSDNGEHFSAK.A	18
PLOG+1825	proteomics_log	458508	458540	+	3	2	R.TAISQFEGYIK.L	15
PLOG+1826	proteomics_log	458652	458747	+	3	2	K.QSVLEMSDVNERLEYLMAMMESEIDLLQVEKR.I	36
PLOG+1827	proteomics_log	458781	458816	+	3	2	K.SQREYLLNEQM*K.A	17
PLOG+1828	proteomics_log	458781	458816	+	3	4	K.SQREYLLNEQMK.A	16
PLOG+1829	proteomics_log	458817	458879	+	3	5	K.AIQKELGEM*DDAPDENEALKR.K	26
PLOG+1830	proteomics_log	458817	458879	+	3	72	K.AIQKELGEMDDAPDENEALKR.K	25
PLOG+1831	proteomics_log	458907	458948	+	3	2	K.EAKEAEELQKLM	18
PLOG+1832	proteomics_log	458916	458948	+	3	4	K.EKAEELQKLM	15
PLOG+1833	proteomics_log	458949	458987	+	3	2	K.M*M*SPM*SAEATVVR.G	20
PLOG+1834	proteomics_log	458949	458987	+	3	78	K.MMSPMSAEATVVR.G	17
PLOG+1835	proteomics_log	458988	459029	+	3	42	R.GYIDWMVQVPWNAR.S	18
PLOG+1836	proteomics_log	459054	459098	+	3	13	R.QAQEILDTDHYGLER.V	19

PLOG+1837	proteomics_log	459099	459140	+	3	9	R.VKDRILEYLAVQSR.V	18
PLOG+1838	proteomics_log	459111	459140	+	3	75	R.ILEYLAVQSR.V	14
PLOG+1839	proteomics_log	459198	459224	+	3	2	K.TSLGQSIK.A	13
PLOG+1840	proteomics_log	459249	459287	+	3	7	R.MALGGVRDEAEIR.G	17
PLOG+1841	proteomics_log	459300	459338	+	3	3	R.TYIGSM*PGKLIQK.M	18
PLOG+1842	proteomics_log	459300	459338	+	3	42	R.TYIGSMPGKLIQK.M	17
PLOG+1843	proteomics_log	459339	459425	+	3	4	K.MAKVGVKNPLFLLEIDKMSSDMRGPAS.A	33
PLOG+1844	proteomics_log	459348	459392	+	3	23	K.VGVKNPLFLLEIDK.M	19
PLOG+1845	proteomics_log	459348	459410	+	3	76	K.VGVKNPLFLLEIDKMSSDMR.G	25
PLOG+1846	proteomics_log	459579	459623	+	3	10	R.LSGYTEDEKLNIAKR.H	19
PLOG+1847	proteomics_log	459651	459710	+	3	6	R.NALKKGELTVDDSAIIGIIR.Y	24
PLOG+1848	proteomics_log	459801	459860	+	3	3	K.SLKHEINGDNLHDYLGVR.F	24
PLOG+1849	proteomics_log	459981	460049	+	3	33	K.LTYTGSLSGEVMQESIQAALTVVR.A	27
PLOG+1850	proteomics_log	460056	460097	+	3	18	R.AEKLGINPDFYEKR.D	18
PLOG+1851	proteomics_log	460065	460097	+	3	4	K.LGINPDFYEKR.D	15
PLOG+1852	proteomics_log	460098	460136	+	3	3	R.DIHVHVPEGATPK.D	17
PLOG+1853	proteomics_log	460242	460277	+	3	7	R.GQVLPIGGLKEK.L	16
PLOG+1854	proteomics_log	460278	460307	+	3	3	K.LLAHRGGIK.T	14
PLOG+1855	proteomics_log	460278	460337	+	3	9	K.LLAHRGGIKTVLIPFENKR.D	24
PLOG+1856	proteomics_log	460338	460463	+	3	2	R.DLEEIPDNVIADLDIHPVKRIEEVLTALQNEPSGM*QVVTAK.-	47
PLOG+1857	proteomics_log	460338	460463	+	3	12	R.DLEEIPDNVIADLDIHPVKRIEEVLTALQNEPSGMQVVTAK.-	46
PLOG+1858	proteomics_log	460338	460397	+	3	32	R.DLEEIPDNVIADLDIHPVKR.I	24
PLOG+1859	proteomics_log	460398	460463	+	3	3	R.IEEVLTALQNEPSGM*QVVTAK.-	27
PLOG+1860	proteomics_log	460398	460463	+	3	51	R.IEEVLTALQNEPSGMQVVTAK.-	26
PLOG+1861	proteomics_log	460684	460743	+	1	266	K.SQLIDKIAAGADISKAAAGR.A	24
PLOG+1862	proteomics_log	460684	460728	+	1	321	K.SQLIDKIAAGADISK.A	19
PLOG+1863	proteomics_log	460702	460728	+	1	110	K.IAAGADISK.A	13
PLOG+1864	proteomics_log	460702	460743	+	1	148	K.IAAGADISKAAAGR.A	18
PLOG+1865	proteomics_log	460729	460833	+	1	20	K.AAAGRALDAIIASVTESLKEGDDVALVGFGTFAVK.E	39
PLOG+1866	proteomics_log	460729	460839	+	1	117	K.AAAGRALDAIIASVTESLKEGDDVALVGFGTFAVKER.A	41
PLOG+1867	proteomics_log	460744	460803	+	1	3	R.ALDIIASVTESLKEGDDVA.L	24
PLOG+1868	proteomics_log	460744	460848	+	1	19	R.ALDIIASVTESLKEGDDVALVGFGTFAVKERAAR.T	39
PLOG+1869	proteomics_log	460744	460785	+	1	81	R.ALDIIASVTESLK.E	18
PLOG+1870	proteomics_log	460744	460833	+	1	1853	R.ALDIIASVTESLKEGDDVALVGFGTFAVK.E	34
PLOG+1871	proteomics_log	460744	460839	+	1	4984	R.ALDIIASVTESLKEGDDVALVGFGTFAVKER.A	36
PLOG+1872	proteomics_log	460765	460839	+	1	19	A.SVTESLKEGDDVALVGFGTFAVKER.A	29
PLOG+1873	proteomics_log	460768	460839	+	1	5	S.VTESLKEGDDVALVGFGTFAVKER.A	28
PLOG+1874	proteomics_log	460771	460833	+	1	2	V.TESLKEGDDVALVGFGTFAVK.E	25
PLOG+1875	proteomics_log	460786	460833	+	1	7	K.EGDDVALVGFGTFAVK.E	20
PLOG+1876	proteomics_log	460840	460914	+	1	18	R.AARTGRNPQTGKEITIAAAKVPSFR.A	29
PLOG+1877	proteomics_log	460840	460899	+	1	50	R.AARTGRNPQTGKEITIAAAK.V	24
PLOG+1878	proteomics_log	460849	460944	+	1	2	R.TGRNPQTGKEITIAAAKVPSFRAGKALDAVN.-	36
PLOG+1879	proteomics_log	460849	460923	+	1	74	R.TGRNPQTGKEITIAAAKVPSFRAGK.A	29
PLOG+1880	proteomics_log	460849	460914	+	1	265	R.TGRNPQTGKEITIAAAKVPSFR.A	26
PLOG+1881	proteomics_log	460849	460899	+	1	403	R.TGRNPQTGKEITIAAAK.V	21
PLOG+1882	proteomics_log	460858	460914	+	1	25	R.NPQTGKEITIAAAKVPSFR.A	23

PLOG+1883	proteomics_log	460858	460899	+	1	54	R.NPQTGKEITIAAAK.V	18
PLOG+1884	proteomics_log	460876	460914	+	1	32	K.EITIAAAKVPSFR.A	17
PLOG+1885	proteomics_log	460900	460944	+	1	5	K.VPSFRAGKALKDAVN.-	19
PLOG+1886	proteomics_log	460915	460944	+	1	255	R.AGKALKDAVN.-	14
PLOG+1887	proteomics_log	461295	461327	+	3	6	R.GQFENAFNSER.N	15
PLOG+1888	proteomics_log	461334	461393	+	3	7	R.MQQQLGDQYSELAANEGYMK.T	24
PLOG+1889	proteomics_log	461394	461456	+	3	2	K.TLRQQVLNRLIDEALLDQYAR.E	25
PLOG+1890	proteomics_log	461394	461420	+	3	7	K.TLRQQVLNR.L	13
PLOG+1891	proteomics_log	461421	461456	+	3	114	R.LIDEALLDQYAR.E	16
PLOG+1892	proteomics_log	461610	461711	+	3	24	R.NQLTTQQLINGVAGTDFMLKGETDELAALVAQQR.V	38
PLOG+1893	proteomics_log	461943	462038	+	3	3	R.TRYSIIQTKTEDEAKAVLDELNKGDFAAALAK.E	36
PLOG+1894	proteomics_log	461943	462044	+	3	4	R.TRYSIIQTKTEDEAKAVLDELNKGDFAAALAKEK.S	38
PLOG+1895	proteomics_log	461949	462044	+	3	6	R.YSIIQTKTEDEAKAVLDELNKGDFAAALAKEK.S	36
PLOG+1896	proteomics_log	461949	462038	+	3	13	R.YSIIQTKTEDEAKAVLDELNKGDFAAALAK.E	34
PLOG+1897	proteomics_log	461970	462068	+	3	2	K.TEDEAKAVLDELNKGDFAAALAKEKSADIISAR.N	37
PLOG+1898	proteomics_log	461970	462038	+	3	13	K.TEDEAKAVLDELNKGDFAAALAK.E	27
PLOG+1899	proteomics_log	461970	462044	+	3	23	K.TEDEAKAVLDELNKGDFAAALAKEK.S	29
PLOG+1900	proteomics_log	461988	462038	+	3	31	K.AVLDELNKGDFAAALAK.E	21
PLOG+1901	proteomics_log	462045	462068	+	3	21	K.SADIISAR.N	12
PLOG+1902	proteomics_log	462069	462143	+	3	7	R.NGGDMGWLEDATIPDELKNAGLKEK.G	29
PLOG+1903	proteomics_log	462168	462224	+	3	4	K.SSVGFLIVRLDDIQPAKVK.S	23
PLOG+1904	proteomics_log	462168	462194	+	3	5	K.SSVGFLIVR.L	13
PLOG+1905	proteomics_log	462195	462224	+	3	46	R.LDDIQPAKVK.S	14
PLOG+1906	proteomics_log	462225	462308	+	3	2	K.SLDEVRRDDIAAKVKHEKALDAYYALQQK.V	32
PLOG+1907	proteomics_log	462225	462275	+	3	5	K.SLDEVRRDDIAAKVKHEK.A	21
PLOG+1908	proteomics_log	462225	462260	+	3	82	K.SLDEVRRDDIAAK.V	16
PLOG+1909	proteomics_log	462276	462308	+	3	28	K.ALDAYYALQQK.V	15
PLOG+1910	proteomics_log	462309	462374	+	3	24	K.VSDAASNDTESLAGAEQAAGVK.A	26
PLOG+1911	proteomics_log	462540	462599	+	3	93	R.ISEHKPEAVKPLADVQEQQV.A	24
PLOG+1912	proteomics_log	462600	462653	+	3	7	K.ALVQHNKAEQQAKVDAEK.L	22
PLOG+1913	proteomics_log	462600	462638	+	3	37	K.ALVQHNKAEQQAK.V	17
PLOG+1914	proteomics_log	462654	462728	+	3	2	K.LLVDLKAGKGAEAMQAAGLKFGEPK.T	29
PLOG+1915	proteomics_log	462672	462740	+	3	2	K.AGKGAEAM*QAAGLKFGEPKTLRS.S	28
PLOG+1916	proteomics_log	462672	462713	+	3	6	K.AGKGAEAMQAAGLK.F	18
PLOG+1917	proteomics_log	462681	462713	+	3	3	K.GAEAMQAAGLK.F	15
PLOG+1918	proteomics_log	462897	462977	+	3	4	K.AMVQGITQNNAQIVFEALMSNLRKEAK.I	31
PLOG+1919	proteomics_log	462897	462968	+	3	84	K.AMVQGITQNNAQIVFEALMSNLRK.E	28
PLOG+1920	proteomics_log	462978	463007	+	3	110	K.IKIGDALEQQ.-	14
PLOG+1921	proteomics_log	474774	474866	+	3	2	R.QKVALPPDAVLTVTLSDASLADAPSKVLAQK.A	35
PLOG+1922	proteomics_log	474780	474851	+	3	12	K.VALPPDAVLTVTLSDASLADAPSK.V	28
PLOG+1923	proteomics_log	474867	474947	+	3	2	K.AVRTEGKQSPFSFVLSFNPADVQPNAR.I	31
PLOG+1924	proteomics_log	474876	474947	+	3	4	R.TEGKQSPFSFVLSFNPADVQPNAR.I	28
PLOG+1925	proteomics_log	474888	474947	+	3	39	K.QSPFSFVLSFNPADVQPNAR.I	24
PLOG+1926	proteomics_log	485019	485093	+	3	3	K.RANTSSMWLYVFSHSRGYHPPRWAR.L	29
PLOG+1927	proteomics_log	486468	486494	+	3	3	R.DYVTANSAR.L	13
PLOG+1928	proteomics_log	486495	486539	+	3	3	R.LEHQLQLLQEAVNSK.R	19

PLOG+1929	proteomics_log	486561	486599	+	3	2	K.TAQEAVSPDEAAR.I	17
PLOG+1930	proteomics_log	490639	490722	+	1	2	M.TATAQQLEYLKNISIQDYKPGILFR.D	32
PLOG+1931	proteomics_log	490639	490671	+	1	10	M.TATAQQLEYLK.N	15
PLOG+1932	proteomics_log	490639	490683	+	1	34	M.TATAQQLEYLKNISIK.S	19
PLOG+1933	proteomics_log	490684	490722	+	1	16	K.SIQDYKPGILFR.D	17
PLOG+1934	proteomics_log	490684	490788	+	1	27	K.SIQDYKPGILFRDVTSLLEDPKAYALSIDLLVER.Y	39
PLOG+1935	proteomics_log	490723	490752	+	1	2	R.DVTSLLEDPK.A	14
PLOG+1936	proteomics_log	490723	490788	+	1	68	R.DVTSLLEDPKAYALSIDLLVER.Y	26
PLOG+1937	proteomics_log	490789	490812	+	1	2	R.YKNAGITK.V	12
PLOG+1938	proteomics_log	490789	490833	+	1	4	R.YKNAGITKVVGTPEAR.G	19
PLOG+1939	proteomics_log	490834	490914	+	1	8	R.GFLFGAPVALGLGVGFVPRKPGKLP.R.E	31
PLOG+1940	proteomics_log	490834	490893	+	1	51	R.GFLFGAPVALGLGVGFVPR.K	24
PLOG+1941	proteomics_log	491065	491184	+	1	8	R.RLGGEVADAAFIINLFDLGGEQRLEKQGITSYSLVPPFGH.-	44
PLOG+1942	proteomics_log	491065	491142	+	1	88	R.RLGGEVADAAFIINLFDLGGEQRLEK.Q	30
PLOG+1943	proteomics_log	491065	491133	+	1	124	R.RLGGEVADAAFIINLFDLGGEQR.L	27
PLOG+1944	proteomics_log	491068	491142	+	1	48	R.LGGEVADAAFIINLFDLGGEQRLEK.Q	29
PLOG+1945	proteomics_log	491068	491184	+	1	60	R.LGGEVADAAFIINLFDLGGEQRLEKQGITSYSLVPPFGH.-	43
PLOG+1946	proteomics_log	491068	491133	+	1	127	R.LGGEVADAAFIINLFDLGGEQR.L	26
PLOG+1947	proteomics_log	491134	491184	+	1	16	R.LEKQGITSYSLVPPFGH.-	21
PLOG+1948	proteomics_log	491143	491184	+	1	58	K.QGITSYSLVPPFGH.-	18
PLOG+1949	proteomics_log	492138	492188	+	3	5	R.GIEWEALLVEMLGLLHR.I	21
PLOG+1950	proteomics_log	492630	492662	+	3	4	R.ARPVNNAALER.L	15
PLOG+1951	proteomics_log	492663	492689	+	3	2	R.LASVTDRVQ.A	13
PLOG+1952	proteomics_log	493312	493335	+	1	3	K.GGLGNLMK.Q	12
PLOG+1953	proteomics_log	493336	493368	+	1	5	K.QAQMQEKMQK.M	15
PLOG+1954	proteomics_log	493348	493428	+	1	2	Q.MQEKMQKMQEEIAQLEVTGESGAGLVK.V	31
PLOG+1955	proteomics_log	493369	493428	+	1	2	K.M*QEEIAQLEVTGESGAGLVK.V	25
PLOG+1956	proteomics_log	493369	493428	+	1	31	K.MQEEIAQLEVTGESGAGLVK.V	24
PLOG+1957	proteomics_log	493429	493458	+	1	3	K.VTINGAHNCR.R	14
PLOG+1958	proteomics_log	493459	493548	+	1	17	R.RVEIDPSLLEDDKEM*LEDLVAAAFNDAARR.I	35
PLOG+1959	proteomics_log	493459	493548	+	1	63	R.RVEIDPSLLEDDKEMLEDLVAAAFNDAARR.I	34
PLOG+1960	proteomics_log	493459	493545	+	1	147	R.RVEIDPSLLEDDKEM*LEDLVAAAFNDAAR.R	34
PLOG+1961	proteomics_log	493459	493545	+	1	320	R.RVEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	33
PLOG+1962	proteomics_log	493462	493545	+	1	16	R.VEIDPSLLEDDKEM*LEDLVAAAFNDAAR.R	33
PLOG+1963	proteomics_log	493462	493545	+	1	179	R.VEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	32
PLOG+1964	proteomics_log	493489	493545	+	1	2	E.DDKEMLEDLVAAAFNDAAR.R	23
PLOG+1965	proteomics_log	493546	493572	+	1	10	R.RIEETQKEK.M	13
PLOG+1966	proteomics_log	493546	493626	+	1	19	R.RIEETQKEKMASVSSGMQLPPGFKMPF.-	31
PLOG+1967	proteomics_log	493549	493572	+	1	3	R.IEETQKEK.M	12
PLOG+1968	proteomics_log	493573	493611	+	1	3	K.M*ASVSSGM*QLPPG.F	19
PLOG+1969	proteomics_log	493573	493617	+	1	18	K.MASVSSGMQLPPGFK.M	19
PLOG+1970	proteomics_log	493573	493626	+	1	127	K.MASVSSGMQLPPGFKMPF.-	22
PLOG+1971	proteomics_log	493629	493673	+	3	2	L.M*QTSPLLTQLMEALR.C	20
PLOG+1972	proteomics_log	493629	493673	+	3	40	L.MQTSPLLTQLMEALR.C	19
PLOG+1973	proteomics_log	494365	494442	+	1	23	R.GFQSEVKQLLHLMHLSLYSNKEIFLR.E	30
PLOG+1974	proteomics_log	494443	494484	+	1	41	R.ELISNASDAADKLR.F	18

PLOG+1975	proteomics_log	494485	494541	+	1	8	R.FRALSNPDLYEGDGELRVR.V	23
PLOG+1976	proteomics_log	494491	494541	+	1	2	R.ALSNPDLYEGDGELRVR.V	21
PLOG+1977	proteomics_log	494491	494535	+	1	46	R.ALSNPDLYEGDGELR.V	19
PLOG+1978	proteomics_log	494542	494565	+	1	13	R.VSFDKDKR.T	12
PLOG+1979	proteomics_log	494566	494640	+	1	98	R.TLTISDNGVGMTRDEVIDHLGTIAK.S	29
PLOG+1980	proteomics_log	494860	494925	+	1	2	R.GTEITLHLREGEDEFLDDWRVR.S	26
PLOG+1981	proteomics_log	495253	495300	+	1	16	R.VFIMDDAEQFMPNYLR.F	20
PLOG+1982	proteomics_log	495310	495351	+	1	78	R.GLIDSSDLPLNVSR.E	18
PLOG+1983	proteomics_log	495352	495381	+	1	2	R.EILQDSTVTR.N	14
PLOG+1984	proteomics_log	495703	495798	+	1	3	K.GIEVLLLSDRIDEWMMNYLTFEDGKPFQSVSK.V	36
PLOG+1985	proteomics_log	495925	495999	+	1	8	R.LTHRILTDTPAIVSTDADEMSTQMAK.L	29
PLOG+1986	proteomics_log	495937	495999	+	1	4	R.LTDTPAIVSTDADEMSTQMAK.L	25
PLOG+1987	proteomics_log	495937	495999	+	1	4	R.LTDTPAIVSTDADEM*STQMAK.L	26
PLOG+1988	proteomics_log	495937	495999	+	1	4	R.LTDTPAIVSTDADEMSTQM*AK.L	26
PLOG+1989	proteomics_log	495937	495999	+	1	4	R.LTDTPAIVSTDADEM*STQM*AK.L	27
PLOG+1990	proteomics_log	495955	495999	+	1	2	A.IVSTDADEM*STQM*AK.L	21
PLOG+1991	proteomics_log	496000	496080	+	1	13	K.LFAAAGQKVPEVKYIFELNPDHVLVKR.A	31
PLOG+1992	proteomics_log	496000	496038	+	1	19	K.LFAAAGQKVPEVK.Y	17
PLOG+1993	proteomics_log	496024	496080	+	1	10	K.VPEVKYIFELNPDHVLVKR.A	23
PLOG+1994	proteomics_log	496039	496077	+	1	10	K.YIFELNPDHVLVK.R	17
PLOG+1995	proteomics_log	496039	496080	+	1	24	K.YIFELNPDHVLVKR.A	18
PLOG+1996	proteomics_log	496078	496158	+	1	31	K.RAADTEDEAKFSEWVELLLDQALLAER.G	31
PLOG+1997	proteomics_log	496081	496158	+	1	22	R.AADTEDEAKFSEWVELLLDQALLAER.G	30
PLOG+1998	proteomics_log	496081	496191	+	1	51	R.AADTEDEAKFSEWVELLLDQALLAERGTLEDPNLFIR.R	41
PLOG+1999	proteomics_log	496108	496158	+	1	10	K.FSEWVELLLDQALLAER.G	21
PLOG+2000	proteomics_log	496108	496191	+	1	11	K.FSEWVELLLDQALLAERGTLEDPNLFIR.R	32
PLOG+2001	proteomics_log	496159	496191	+	1	36	R.GTLEDPNLFIR.R	15
PLOG+2002	proteomics_log	496399	496506	+	1	4	A.MRIILLGAPGAGKGTQAQFIMEKYGIPQISTGDMLR.A	40
PLOG+2003	proteomics_log	496399	496467	+	1	4	A.MRIILLGAPGAGKGTQAQFIM*EK.Y	28
PLOG+2004	proteomics_log	496399	496467	+	1	7	A.M*RIILLGAPGAGKGTQAQFIMEK.Y	28
PLOG+2005	proteomics_log	496399	496437	+	1	26	A.MRIILLGAPGAGK.G	17
PLOG+2006	proteomics_log	496399	496467	+	1	133	A.MRIILLGAPGAGKGTQAQFIMEK.Y	27
PLOG+2007	proteomics_log	496405	496467	+	1	7	R.IILLGAPGAGKGTQAQFIM*EK.Y	26
PLOG+2008	proteomics_log	496405	496437	+	1	14	R.IILLGAPGAGK.G	15
PLOG+2009	proteomics_log	496405	496506	+	1	77	R.IILLGAPGAGKGTQAQFIMEKYGIPQISTGDMLR.A	38
PLOG+2010	proteomics_log	496405	496467	+	1	312	R.IILLGAPGAGKGTQAQFIMEK.Y	25
PLOG+2011	proteomics_log	496423	496467	+	1	3	A.PGAGKGTQAQFIMEK.Y	19
PLOG+2012	proteomics_log	496426	496506	+	1	8	P.GAGKGTQAQFIMEKYGIPQISTGDMLR.A	31
PLOG+2013	proteomics_log	496438	496467	+	1	37	K.GTQAQFIMEK.Y	14
PLOG+2014	proteomics_log	496468	496506	+	1	42	K.YGIPQISTGDM*LR.A	18
PLOG+2015	proteomics_log	496468	496506	+	1	228	K.YGIPQISTGDM.LR.A	17
PLOG+2016	proteomics_log	496477	496506	+	1	2	I.PQISTGDMLR.A	14
PLOG+2017	proteomics_log	496507	496605	+	1	2	R.AAVKSGSELGKQAKDIM*DAGKLVDELVIALVK.E	38
PLOG+2018	proteomics_log	496507	496569	+	1	7	R.AAVKSGSELGKQAKDIMDAGK.L	25
PLOG+2019	proteomics_log	496507	496611	+	1	43	R.AAVKSGSELGKQAKDIM*DAGKLVDELVIALVKER.I	40
PLOG+2020	proteomics_log	496507	496539	+	1	99	R.AAVKSGSELGK.Q	15

PLOG+2021	proteomics_log	496507	496605	+	1	153	R.AAVKSGSELGKQAKDIMDAGKLVDELVIALVK.E	37
PLOG+2022	proteomics_log	496507	496548	+	1	166	R.AAVKSGSELGKQAK.D	18
PLOG+2023	proteomics_log	496507	496611	+	1	192	R.AAVKSGSELGKQAKDIMDAGKLVDELVIALVKER.I	39
PLOG+2024	proteomics_log	496519	496569	+	1	2	K.SGSELGKQAKDIMDAGK.L	21
PLOG+2025	proteomics_log	496519	496611	+	1	25	K.SGSELGKQAKDIM*DAGKLVDELVIALVKER.I	36
PLOG+2026	proteomics_log	496519	496548	+	1	61	K.SGSELGKQAK.D	14
PLOG+2027	proteomics_log	496519	496605	+	1	149	K.SGSELGKQAKDIMDAGKLVDELVIALVK.E	33
PLOG+2028	proteomics_log	496519	496611	+	1	266	K.SGSELGKQAKDIMDAGKLVDELVIALVKER.I	35
PLOG+2029	proteomics_log	496540	496605	+	1	2	K.QAKDIM*DAGKLVDELVIALVK.E	27
PLOG+2030	proteomics_log	496540	496611	+	1	3	K.QAKDIM*DAGKLVDELVIALVKER.I	29
PLOG+2031	proteomics_log	496540	496605	+	1	38	K.QAKDIMDAGKLVDELVIALVK.E	26
PLOG+2032	proteomics_log	496540	496611	+	1	98	K.QAKDIMDAGKLVDELVIALVKER.I	28
PLOG+2033	proteomics_log	496546	496611	+	1	149	A.KDIMDAGKLVDELVIALVKER.I	26
PLOG+2034	proteomics_log	496549	496605	+	1	35	K.DIM*DAGKLVDELVIALVK.E	24
PLOG+2035	proteomics_log	496549	496611	+	1	143	K.DIM*DAGKLVDELVIALVKER.I	26
PLOG+2036	proteomics_log	496549	496605	+	1	247	K.DIMDAGKLVDELVIALVK.E	23
PLOG+2037	proteomics_log	496549	496611	+	1	421	K.DIMDAGKLVDELVIALVKER.I	25
PLOG+2038	proteomics_log	496552	496611	+	1	19	D.IMDAGKLVDELVIALVKER.I	24
PLOG+2039	proteomics_log	496570	496611	+	1	62	K.LVTDELVIALVKER.I	18
PLOG+2040	proteomics_log	496570	496605	+	1	77	K.LVTDELVIALVK.E	16
PLOG+2041	proteomics_log	496633	496662	+	1	325	R.NGFLLDGFPR.T	14
PLOG+2042	proteomics_log	496663	496755	+	1	6	R.TIPQADAM*KEAGINVDYVLEFDVPDELIVDR.I	36
PLOG+2043	proteomics_log	496663	496770	+	1	17	R.TIPQADAMKEAGINVDYVLEFDVPDELIVDRIVGRR.V	40
PLOG+2044	proteomics_log	496663	496767	+	1	201	R.TIPQADAMKEAGINVDYVLEFDVPDELIVDRIVGR.R	39
PLOG+2045	proteomics_log	496663	496755	+	1	239	R.TIPQADAMKEAGINVDYVLEFDVPDELIVDR.I	35
PLOG+2046	proteomics_log	496690	496755	+	1	2	K.EAGINVDYVLEFDVPDELIVDR.I	26
PLOG+2047	proteomics_log	496696	496755	+	1	58	A.GINVDYVLEFDVPDELIVDR.I	24
PLOG+2048	proteomics_log	496708	496755	+	1	2	V.DYVLEFDVPDELIVDR.I	20
PLOG+2049	proteomics_log	496768	496791	+	1	7	R.RVHAPSGR.V	12
PLOG+2050	proteomics_log	496807	496893	+	1	2	K.FNPPKVEGKDDVTGEELTRKDDQEETVR.K	33
PLOG+2051	proteomics_log	496807	496866	+	1	7	K.FNPPKVEGKDDVTGEELTR.K	24
PLOG+2052	proteomics_log	496822	496896	+	1	30	K.VEGKDDVTGEELTRKDDQEETVRK.R	29
PLOG+2053	proteomics_log	496822	496866	+	1	45	K.VEGKDDVTGEELTR.K	19
PLOG+2054	proteomics_log	496834	496866	+	1	14	K.DDVTGEELTR.K	15
PLOG+2055	proteomics_log	496840	496896	+	1	20	D.VTGEELTRKDDQEETVRK.R	23
PLOG+2056	proteomics_log	496867	496893	+	1	53	R.KDDQEETVR.K	13
PLOG+2057	proteomics_log	496867	496896	+	1	102	R.KDDQEETVRK.R	14
PLOG+2058	proteomics_log	496897	496950	+	1	4	K.RLVEYHQMTAPLIGYYSK.E	22
PLOG+2059	proteomics_log	496900	496983	+	1	2	R.LVEYHQMTAPLIGYYSKEAEAGNTKYAK.V	32
PLOG+2060	proteomics_log	496900	496950	+	1	4	R.LVEYHQM*TAPLIGYYSK.E	22
PLOG+2061	proteomics_log	496900	496950	+	1	256	R.LVEYHQMTAPLIGYYSK.E	21
PLOG+2062	proteomics_log	496939	496974	+	1	11	G.YYSKEAEAGNTK.Y	16
PLOG+2063	proteomics_log	496942	496983	+	1	2	Y.YSKEAEAGNTKYAK.V	18
PLOG+2064	proteomics_log	496942	496974	+	1	3	Y.YSKEAEAGNTK.Y	15
PLOG+2065	proteomics_log	496951	496983	+	1	88	K.EAEAGNTKYAK.V	15
PLOG+2066	proteomics_log	496951	497016	+	1	118	K.EAEAGNTKYAKVDGTPVAEVR.A	26

PLOG+2067	proteomics_log	496975	497016	+	1	28	K.YAKVDGTPVAEVR.A	18
PLOG+2068	proteomics_log	496978	497016	+	1	17	Y.AKVDGTPVAEVR.A	17
PLOG+2069	proteomics_log	496981	497031	+	1	9	A.KVDGTPVAEVRADLEK.I	21
PLOG+2070	proteomics_log	496981	497016	+	1	64	A.KVDGTPVAEVR.A	16
PLOG+2071	proteomics_log	496984	497010	+	1	23	K.VDGTKPVAE.V	13
PLOG+2072	proteomics_log	496984	497016	+	1	122	K.VDGTKPVAEVR.A	15
PLOG+2073	proteomics_log	499520	499597	+	2	2	R.YGLSAGHSVIEDDVAEALYQELKQK.N	30
PLOG+2074	proteomics_log	504342	504443	+	3	2	K.EVAAEGGSVLLLSGGDINTGVPESDLQDAEPDFR.G	38
PLOG+2075	proteomics_log	504630	504668	+	3	19	K.IAVIGLTTDDTAK.I	17
PLOG+2076	proteomics_log	504669	504707	+	3	2	K.IGNPEYFTDIEFR.K	17
PLOG+2077	proteomics_log	505134	505202	+	3	2	R.VLYTPEIAENQQM*ISLLSPFQNK.G	28
PLOG+2078	proteomics_log	505134	505202	+	3	23	R.VLYTPEIAENQQMISLLSPFQNK.G	27
PLOG+2079	proteomics_log	505158	505202	+	3	4	A.ENQQMISLLSPFQNK.G	19
PLOG+2080	proteomics_log	505299	505325	+	3	6	R.LILAAQMDR.T	13
PLOG+2081	proteomics_log	505614	505661	+	3	3	R.MATLNFNATGGDGYPR.L	20
PLOG+2082	proteomics_log	511537	511602	+	1	24	R.VLQADNVPIILAEMMMEGLYGR.S	26
PLOG+2083	proteomics_log	511642	511737	+	1	6	K.SGVGGGILAVVPGVMGIAAFSPPLDEDGNSVR.G	36
PLOG+2084	proteomics_log	519215	519304	+	2	2	R.AKHVGFVFQSFMLIPTLNALENVELPALLR.G	34
PLOG+2085	proteomics_log	520033	520095	+	1	17	R.LM*ALLNLKTGDTIDVGDATLR.I	26
PLOG+2086	proteomics_log	532256	532291	+	2	21	R.GRPGQAEPVAQK.G	16
PLOG+2087	proteomics_log	532709	532834	+	2	3	K.ALLYPLAEEELM*SIIILQTGLQQFTPTTLVDM*PTLLKDLEQAR.E	48
PLOG+2088	proteomics_log	532709	532816	+	2	4	K.ALLYPLAEEELMSIILQTGLQQFTPTTLVDMPTLLK.D	40
PLOG+2089	proteomics_log	532709	532834	+	2	19	K.ALLYPLAEEELMSIILQTGLQQFTPTTLVDMPTLLKDLEQAR.E	46
PLOG+2090	proteomics_log	533254	533322	+	1	2	R.KHGGIRHILARHVEGASHMAEGY.T	27
PLOG+2091	proteomics_log	544974	545018	+	3	2	T.PFLSTAQVSGIDILR.E	19
PLOG+2092	proteomics_log	549417	549518	+	3	2	R.SGRPFFACSDNLQLVTTAVSVSYLRYAAQGYFAS.P	38
PLOG+2093	proteomics_log	553834	553863	+	1	10	S.MLKIFNTLTR.Q	14
PLOG+2094	proteomics_log	554065	554106	+	1	2	R.ANENGESFVAMVDR.M	18
PLOG+2095	proteomics_log	554107	554172	+	1	6	R.MIAEMHKDFDALNILRPDMEPR.A	26
PLOG+2096	proteomics_log	554152	554172	+	1	11	L.RPDMEPR.A	11
PLOG+2097	proteomics_log	554173	554226	+	1	30	R.ATHHIAEIIELTEQLIAK.G	22
PLOG+2098	proteomics_log	554305	554337	+	1	11	R.QDLDQLQAGAR.V	15
PLOG+2099	proteomics_log	554338	554388	+	1	29	R.VDVVDDKRNPMDFVLWK.M	21
PLOG+2100	proteomics_log	554641	554679	+	1	8	K.SLGNFFTVRDVLK.Y	17
PLOG+2101	proteomics_log	554731	554763	+	1	2	R.SQLNYSEENLK.Q	15
PLOG+2102	proteomics_log	554731	554772	+	1	9	R.SQLNYSEENLKQAR.A	18
PLOG+2103	proteomics_log	554788	554856	+	1	17	R.LYTALRGTDKTVAPAGGEAFEAR.F	27
PLOG+2104	proteomics_log	554857	554925	+	1	2	R.FIEAM*DDDFNTPEAYSVLFDMAR.E	28
PLOG+2105	proteomics_log	554857	554925	+	1	2	R.FIEAM*DDDFNTPEAYSVLFDM*AR.E	29
PLOG+2106	proteomics_log	554857	554925	+	1	24	R.FIEAMDDDFNTPEAYSVLFDMAR.E	27
PLOG+2107	proteomics_log	554926	554988	+	1	4	R.EVNRLKAEDMAAANAMASHLR.K	25
PLOG+2108	proteomics_log	554938	554988	+	1	19	R.LKAEDMAAANAMASHLR.K	21
PLOG+2109	proteomics_log	554989	555102	+	1	40	R.KLSAVLGLLEQEPEAFQSGAQADDSEVAEIEALIQQR.L	42
PLOG+2110	proteomics_log	554992	555102	+	1	9	K.LSAVLGLLEQEPEAFQSGAQADDSEVAEIEALIQQR.L	41
PLOG+2111	proteomics_log	555115	555150	+	1	5	R.KAKDWAAADAAR.D	16
PLOG+2112	proteomics_log	593220	593312	+	3	2	K.DILNTLDHMVERQYQLFQLNGHGLRVEANVE.I	35

PLOG+2113	proteomics_log	595726	595833	+	1	2	R.AAFFPSISLTSYGISTASSDLSSLFNASSGMWNFIPK.I	40
PLOG+2114	proteomics_log	596594	596683	+	2	2	K.MSEIKTGDKVAFNFVQQGNLSLLQDIKVSQ.-	34
PLOG+2115	proteomics_log	597767	597829	+	2	2	V.AVFQASQGVTLRSLAEAGEK.V	25
PLOG+2116	proteomics_log	599989	600051	+	1	6	K.VSGTVLADIDAMAEQIEEVAR.T	25
PLOG+2117	proteomics_log	603135	603200	+	3	2	Q.FLKESETRDQVGIVVM*VLSQLR.T	27
PLOG+2118	proteomics_log	612316	612378	+	1	2	T.ITPGDSRSAEPTKLERRARAR.C	25
PLOG+2119	proteomics_log	613103	613159	+	2	2	R.GGLMQGLIDLWQPLFHDRS.-	23
PLOG+2120	proteomics_log	613168	613218	+	1	34	M.AFSNPFDDPQGAFYILR.N	21
PLOG+2121	proteomics_log	613339	613380	+	1	19	R.TLTPTNFTQLQEAQ.-	18
PLOG+2122	proteomics_log	613518	613556	+	3	3	R.AVVAGLAQADTLR.M	17
PLOG+2123	proteomics_log	613563	613643	+	3	3	R.FTEDNGEVWQWVDDALTFELPEIIDLR.T	31
PLOG+2124	proteomics_log	614922	615014	+	3	2	R.SVFLTLALHAIVEAGAAWLPLDTGYPPDRRK.M	35
PLOG+2125	proteomics_log	622300	622362	+	1	75	Q.IGFLYAAIPLGAAIGALTSQK.L	25
PLOG+2126	proteomics_log	624108	624191	+	3	5	D.MDTSLAEVQQTMTALAPNRFFFM*SPYR.S	33
PLOG+2127	proteomics_log	624108	624191	+	3	5	D.M*DTSLAEVQQTMTALAPNRFFFMSPYR.S	33
PLOG+2128	proteomics_log	624108	624191	+	3	5	D.M*DTSLAEVQQTMTALAPNRFFFM*SPYR.S	34
PLOG+2129	proteomics_log	624108	624191	+	3	60	D.MDTSLAEVQQTMTALAPNRFFFMSPYR.S	32
PLOG+2130	proteomics_log	624222	624302	+	3	8	R.FDEPAVNGDSPDSPFQQKLAALFADAK.A	31
PLOG+2131	proteomics_log	624222	624275	+	3	15	R.FDEPAVNGDSPDSPFQQK.L	22
PLOG+2132	proteomics_log	624276	624302	+	3	11	K.LAALFADAK.A	13
PLOG+2133	proteomics_log	624441	624467	+	3	7	R.SQSLNVVER.Q	13
PLOG+2134	proteomics_log	624468	624512	+	3	18	R.QAIPEQTTFEQMVAR.A	19
PLOG+2135	proteomics_log	624513	624563	+	3	45	R.AAALTATPQVDKVVLSR.L	21
PLOG+2136	proteomics_log	624618	624725	+	3	2	R.LIAQNPVSYNFHVPLADGGVLLGASPELLLRKDGER.F	40
PLOG+2137	proteomics_log	624618	624713	+	3	26	R.LIAQNPVSYNFHVPLADGGVLLGASPELLLRK.D	36
PLOG+2138	proteomics_log	624618	624710	+	3	94	R.LIAQNPVSYNFHVPLADGGVLLGASPELLLR.K	35
PLOG+2139	proteomics_log	624726	624758	+	3	4	R.FSSIPLAGSAR.R	15
PLOG+2140	proteomics_log	624876	624959	+	3	4	R.SSELHVPSSPQLITPTLWHLATPFEGK.A	32
PLOG+2141	proteomics_log	625179	625232	+	3	2	R.LFAGAGIVPASSPLGEWR.E	22
PLOG+2142	proteomics_log	625179	625280	+	3	29	R.LFAGAGIVPASSPLGEWRETGVKLSTMLNVFGLH.-	38
PLOG+2143	proteomics_log	625248	625280	+	3	10	K.LSTMLNVFGLH.-	15
PLOG+2144	proteomics_log	625350	625391	+	3	11	K.GYWQDLPLTDILTR.H	18
PLOG+2145	proteomics_log	625392	625433	+	3	2	R.HAASDSIAVIDGER.Q	18
PLOG+2146	proteomics_log	626103	626180	+	3	12	K.HQVNVVALVPPAVSLWLQALIEGESR.A	30
PLOG+2147	proteomics_log	626616	626651	+	3	2	K.IAAEEIENLLLR.H	16
PLOG+2148	proteomics_log	626616	626711	+	3	13	K.IAAEEIENLLLRHPAVIYAALVSMEDLMGEK.S	36
PLOG+2149	proteomics_log	626652	626711	+	3	3	R.HPAVIYAALVSMEDLMGEK.S	24
PLOG+2150	proteomics_log	627181	627219	+	1	8	R.ALLNDMWGPGLTR.S	17
PLOG+2151	proteomics_log	627220	627249	+	1	5	R.SPEQQKVVDL.L	14
PLOG+2152	proteomics_log	627418	627465	+	1	2	R.DIKPFMVADALADFSR.D	20
PLOG+2153	proteomics_log	627514	627561	+	1	8	R.VVMTEELLPAPIPASK.A	20
PLOG+2154	proteomics_log	627774	627866	+	3	4	I.MDFSGKNVWVTGAGKGIGYATALAFVEAGAK.V	35
PLOG+2155	proteomics_log	627819	627866	+	3	49	K.GIGYATALAFVEAGAK.V	20
PLOG+2156	proteomics_log	627969	628025	+	3	110	R.LLAETERLDALVNAAGILR.M	23
PLOG+2157	proteomics_log	627990	628025	+	3	10	R.LDALVNAAGILR.M	16
PLOG+2158	proteomics_log	628026	628133	+	3	3	R.MGATDQLSKEDWQQTFVAVNVGGAFNLFQQTMMNQFRR.Q	40

PLOG+2159	proteomics_log	628134	628187	+	3	9	R.QRGGAIIVTASDAAHTPR.I	22
PLOG+2160	proteomics_log	628140	628187	+	3	7	R.GGAIIVTASDAAHTPR.I	20
PLOG+2161	proteomics_log	628218	628277	+	3	2	K.AALKSLALSVGLELAGSGVR.C	24
PLOG+2162	proteomics_log	628284	628322	+	3	2	N.VVSPGSTDTDM*QR.T	18
PLOG+2163	proteomics_log	628407	628463	+	3	6	K.IARPQEIANFILFLASDLA.S	23
PLOG+2164	proteomics_log	628407	628517	+	3	88	K.IARPQEIANFILFLASDLASHITLQDIVVDGGSTLGA.-	41
PLOG+2165	proteomics_log	628613	628657	+	2	5	R.LGDDVLEAEM*PVDTR.T	20
PLOG+2166	proteomics_log	628613	628657	+	2	17	R.LGDDVLEAEMPVDTR.T	19
PLOG+2167	proteomics_log	628658	628747	+	2	15	R.THQPFGLLHGGASAALAETLGSMAGFMMTR.D	34
PLOG+2168	proteomics_log	638189	638248	+	2	7	K.IKPFKNQAFKNGEFIEITEK.D	24
PLOG+2169	proteomics_log	638189	638263	+	2	199	K.IKPFKNQAFKNGEFIEITEKDTEGR.W	29
PLOG+2170	proteomics_log	638195	638263	+	2	3	K.PFKNQAFKNGEFIEITEKDTEGR.W	27
PLOG+2171	proteomics_log	638204	638263	+	2	7	K.NQAFKNGEFIEITEKDTEGR.W	24
PLOG+2172	proteomics_log	638219	638248	+	2	14	K.NGEFIEITEK.D	14
PLOG+2173	proteomics_log	638219	638263	+	2	87	K.NGEFIEITEKDTEGR.W	19
PLOG+2174	proteomics_log	638357	638440	+	2	19	K.LGVDVYAVSTDTHFTHKAWHSSSETIAK.I	32
PLOG+2175	proteomics_log	638357	638407	+	2	81	K.LGVDVYAVSTDTHFTHK.A	21
PLOG+2176	proteomics_log	638375	638407	+	2	2	Y.AVSTDTHFTHK.A	15
PLOG+2177	proteomics_log	638408	638485	+	2	2	K.AWHSSSETIAKIKYAM*IGDPTGALTR.N	31
PLOG+2178	proteomics_log	638408	638485	+	2	21	K.AWHSSSETIAKIKYAMIGDPTGALTR.N	30
PLOG+2179	proteomics_log	638408	638446	+	2	79	K.AWHSSSETIAKIK.Y	17
PLOG+2180	proteomics_log	638408	638440	+	2	118	K.AWHSSSETIAK.I	15
PLOG+2181	proteomics_log	638417	638485	+	2	3	H.SSSETIAKIKYAMIGDPTGALTR.N	27
PLOG+2182	proteomics_log	638441	638485	+	2	86	K.IKYAM*IGDPTGALTR.N	20
PLOG+2183	proteomics_log	638441	638485	+	2	331	K.IKYAMIGDPTGALTR.N	19
PLOG+2184	proteomics_log	638447	638485	+	2	112	K.YAM*IGDPTGALTR.N	18
PLOG+2185	proteomics_log	638447	638485	+	2	258	K.YAMIGDPTGALTR.N	17
PLOG+2186	proteomics_log	638453	638485	+	2	6	A.MIGDPTGALTR.N	15
PLOG+2187	proteomics_log	638486	638527	+	2	4	R.NFDNM*REDEGLADR.A	19
PLOG+2188	proteomics_log	638486	638620	+	2	4	R.NFDNM*REDEGLADRATFVVDPPQGIIQAIEVTAEGIGRDASDLLRK.I	50
PLOG+2189	proteomics_log	638486	638596	+	2	7	R.NFDNMREDEGLADRATFVVDPPQGIIQAIEVTAEGIGR.D	41
PLOG+2190	proteomics_log	638486	638617	+	2	33	R.NFDNM*REDEGLADRATFVVDPPQGIIQAIEVTAEGIGRDASDLLR.K	49
PLOG+2191	proteomics_log	638486	638596	+	2	7	R.NFDNM*REDEGLADRATFVVDPPQGIIQAIEVTAEGIGR.D	42
PLOG+2192	proteomics_log	638486	638617	+	2	61	R.NFDNMREDEGLADRATFVVDPPQGIIQAIEVTAEGIGRDASDLLR.K	48
PLOG+2193	proteomics_log	638486	638527	+	2	301	R.NFDNMREDEGLADR.A	18
PLOG+2194	proteomics_log	638498	638596	+	2	49	N.M*REDEGLADRATFVVDPPQGIIQAIEVTAEGIGR.D	38
PLOG+2195	proteomics_log	638504	638596	+	2	20	R.EDEGLADRATFVVDPPQGIIQAIEVTAEGIGR.D	35
PLOG+2196	proteomics_log	638528	638626	+	2	33	R.ATFVVDPPQGIIQAIEVTAEGIGRDASDLLRKIK.A	37
PLOG+2197	proteomics_log	638528	638620	+	2	147	R.ATFVVDPPQGIIQAIEVTAEGIGRDASDLLRK.I	35
PLOG+2198	proteomics_log	638528	638617	+	2	377	R.ATFVVDPPQGIIQAIEVTAEGIGRDASDLLR.K	34
PLOG+2199	proteomics_log	638528	638596	+	2	893	R.ATFVVDPPQGIIQAIEVTAEGIGR.D	27
PLOG+2200	proteomics_log	638537	638620	+	2	5	F.VVDPPQGIIQAIEVTAEGIGRDASDLLRK.I	32
PLOG+2201	proteomics_log	638537	638617	+	2	13	F.VVDPPQGIIQAIEVTAEGIGRDASDLLR.K	31
PLOG+2202	proteomics_log	638537	638596	+	2	32	F.VVDPPQGIIQAIEVTAEGIGR.D	24
PLOG+2203	proteomics_log	638540	638596	+	2	5	V.VDPPQGIIQAIEVTAEGIGR.D	23
PLOG+2204	proteomics_log	638543	638596	+	2	8	V.DPPQGIIQAIEVTAEGIGR.D	22

PLOG+2205	proteomics_log	638546	638596	+	2	19	D.PQGIIQAIIEVTAEGIGR.D	21
PLOG+2206	proteomics_log	638546	638620	+	2	20	D.PQGIIQAIIEVTAEGIGRDASDLLRK.I	29
PLOG+2207	proteomics_log	638546	638617	+	2	65	D.PQGIIQAIIEVTAEGIGRDASDLLR.K	28
PLOG+2208	proteomics_log	638597	638617	+	2	118	R.DASDLLR.K	11
PLOG+2209	proteomics_log	638621	638662	+	2	4	K.IKAAQYVASHPGEV.C	18
PLOG+2210	proteomics_log	638627	638662	+	2	2	K.AAQYVASHPGEV.C	16
PLOG+2211	proteomics_log	638627	638674	+	2	2	K.AAQYVASHPGEVCPAK.W	20
PLOG+2212	proteomics_log	638627	638728	+	2	10	K.AAQYVASHPGEVCPAKWKEGEATLAPSLDLVGKI.-	38
PLOG+2213	proteomics_log	638675	638725	+	2	18	K.WKEGEATLAPSLDLVGK.I	21
PLOG+2214	proteomics_log	638675	638728	+	2	175	K.WKEGEATLAPSLDLVGKI.-	22
PLOG+2215	proteomics_log	638681	638725	+	2	10	K.EGEATLAPSLDLVGK.I	19
PLOG+2216	proteomics_log	638681	638728	+	2	310	K.EGEATLAPSLDLVGKI.-	20
PLOG+2217	proteomics_log	638976	639008	+	3	8	N.MLDTNMKTQLK.A	15
PLOG+2218	proteomics_log	638997	639071	+	3	2	K.TQLKAYLEKLTKPVELIATLDDSAK.S	29
PLOG+2219	proteomics_log	639009	639071	+	3	4	K.AYLEKLTKPVELIATLDDSAK.S	25
PLOG+2220	proteomics_log	639024	639071	+	3	4	K.LTKPVELIATLDDSAK.S	20
PLOG+2221	proteomics_log	639072	639158	+	3	6	K.SAEIKELLAIEAELSDKVTFKEDNSLPVR.K	33
PLOG+2222	proteomics_log	639102	639158	+	3	3	E.IAELSDKVTFKEDNSLPVR.K	23
PLOG+2223	proteomics_log	639207	639314	+	3	21	R.FAGSPLGHEFTSLVLALLWTGGHPSKEAQSLLLEQIR.H	40
PLOG+2224	proteomics_log	639207	639284	+	3	33	R.FAGSPLGHEFTSLVLALLWTGGHPSK.E	30
PLOG+2225	proteomics_log	639420	639530	+	3	2	R.IKHTAIDGGTFQNEITDRNVMGVPVAVFVNGKEFGQGR.M	41
PLOG+2226	proteomics_log	639420	639473	+	3	5	R.IKHTAIDGGTFQNEITDR.N	22
PLOG+2227	proteomics_log	639420	639530	+	3	2	R.IKHTAIDGGTFQNEITDRNVM*GVPVAVFVNGKEFGQGR.M	42
PLOG+2228	proteomics_log	639531	639557	+	3	27	R.MTLTEIVAK.I	13
PLOG+2229	proteomics_log	639531	639581	+	3	35	R.MTLTEIVAKIDTGAEKR.A	21
PLOG+2230	proteomics_log	639579	639605	+	3	18	K.RAAEELNKR.D	13
PLOG+2231	proteomics_log	639582	639605	+	3	3	R.AAEELNKR.D	12
PLOG+2232	proteomics_log	639582	639674	+	3	10	R.AAEELNKRDAYDVLIVGSGPAGAAAAIYSAR.K	35
PLOG+2233	proteomics_log	639606	639674	+	3	14	R.DAYDVLIVGSGPAGAAAAIYSAR.K	27
PLOG+2234	proteomics_log	639708	639797	+	3	8	R.FGGQILDVTVDIENYISVPKTEGQKLAGALK.V	34
PLOG+2235	proteomics_log	639708	639779	+	3	14	R.FGGQILDVTVDIENYISVPKTEGQK.L	28
PLOG+2236	proteomics_log	639708	639764	+	3	20	R.FGGQILDVTVDIENYISVPK.T	23
PLOG+2237	proteomics_log	639798	639851	+	3	4	K.VHVDEYDVDVIDSQSASK.L	22
PLOG+2238	proteomics_log	639852	639917	+	3	94	K.LIPAAVEGGLHQIETASGAVLK.A	26
PLOG+2239	proteomics_log	639858	639917	+	3	3	I.PAAVEGGLHQIETASGAVLK.A	24
PLOG+2240	proteomics_log	639858	639923	+	3	4	I.PAAVEGGLHQIETASGAVLKAR.S	26
PLOG+2241	proteomics_log	639924	639956	+	3	20	R.SIIVATGAKWR.N	15
PLOG+2242	proteomics_log	639924	639950	+	3	28	R.SIIVATGAK.W	13
PLOG+2243	proteomics_log	639957	639995	+	3	2	R.NMNVPGEDQYRTK.G	17
PLOG+2244	proteomics_log	639957	639989	+	3	2	R.NM*NVPGEDQYR.T	16
PLOG+2245	proteomics_log	639957	639989	+	3	10	R.NMNVPGEDQYR.T	15
PLOG+2246	proteomics_log	640044	640148	+	3	20	K.RVAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEMK.A	39
PLOG+2247	proteomics_log	640047	640172	+	3	4	R.VAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEMKADQVLQDK.L	46
PLOG+2248	proteomics_log	640047	640148	+	3	8	R.VAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEM*K.A	39
PLOG+2249	proteomics_log	640047	640178	+	3	26	R.VAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEMKADQVLQDKLR.S	48
PLOG+2250	proteomics_log	640047	640148	+	3	99	R.VAVIGGGNSGVAAIDLAGIVEHVTLLEFAPEMK.A	38

PLOG+2251	proteomics_log	640149	640178	+	3	73	K.ADQVLQDKLR.S	14
PLOG+2252	proteomics_log	640266	640367	+	3	4	R.DRVSGDIHNIELAGIFVQIGLLPNTNWLEGAVER.N	38
PLOG+2253	proteomics_log	640272	640367	+	3	9	R.VSGDIHNIELAGIFVQIGLLPNTNWLEGAVER.N	36
PLOG+2254	proteomics_log	640374	640400	+	3	44	R.MGEIIDA.K	13
PLOG+2255	proteomics_log	640494	640526	+	3	174	K.ALSAFDYLR.T	15
PLOG+2256	proteomics_log	645960	646001	+	3	3	R.SAGVRM*PPFCNNVC.A	19
PLOG+2257	proteomics_log	647223	647246	+	3	5	Y.RMVAGEFR.K	12
PLOG+2258	proteomics_log	656518	656541	+	1	6	M.SKIKGNVK.W	12
PLOG+2259	proteomics_log	656518	656559	+	1	91	M.SKIKGNVKWFNESK.G	18
PLOG+2260	proteomics_log	656530	656559	+	1	12	K.GNVKWFNESK.G	14
PLOG+2261	proteomics_log	656542	656640	+	1	2	K.WFNESKGFITPEDGSKDVFVHFSAIQTNGFK.T	37
PLOG+2262	proteomics_log	656560	656661	+	1	13	K.GFGFITPEDGSKDVFVHFSAIQTNGFKTLAEGQR.V	38
PLOG+2263	proteomics_log	656560	656595	+	1	90	K.GFGFITPEDGSK.D	16
PLOG+2264	proteomics_log	656560	656640	+	1	316	K.GFGFITPEDGSKDVFVHFSAIQTNGFK.T	31
PLOG+2265	proteomics_log	656596	656640	+	1	29	K.DVFVHFSAIQTNGFK.T	19
PLOG+2266	proteomics_log	656641	656691	+	1	60	K.TLAEGQRVEFEITNGAK.G	21
PLOG+2267	proteomics_log	656641	656721	+	1	133	K.TLAEGQRVEFEITNGAKGPSAANVIAL.-	31
PLOG+2268	proteomics_log	656662	656691	+	1	72	R.VEFEITNGAK.G	14
PLOG+2269	proteomics_log	656662	656721	+	1	209	R.VEFEITNGAKGPSAANVIAL.-	24
PLOG+2270	proteomics_log	658290	658322	+	3	2	K.KAMNDDDAAK.K	15
PLOG+2271	proteomics_log	664039	664077	+	1	17	V.SQVSDSGVAGDRK.R	17
PLOG+2272	proteomics_log	666649	666684	+	1	4	Q.RFNILLEFEIQR.Q	16
PLOG+2273	proteomics_log	667270	667338	+	1	2	A.VFIRAGLVVGKANNLQIIQVGD.K.H	27
PLOG+2274	proteomics_log	674313	674342	+	3	2	R.DIDALVEQAR.E	14
PLOG+2275	proteomics_log	674481	674546	+	3	17	R.VIKESLWQELADITDKTQLEWR.E	26
PLOG+2276	proteomics_log	704736	704810	+	3	58	K.AVGDGVAVKPTDKIVVSPAAGTIVK.I	29
PLOG+2277	proteomics_log	704763	704810	+	3	9	K.PTDKIVVSPAAGTIVK.I	20
PLOG+2278	proteomics_log	704919	704999	+	3	3	R.LVEEGAQVSAGQPILEM*DLDYLNANAR.S	32
PLOG+2279	proteomics_log	704919	704999	+	3	48	R.LVEEGAQVSAGQPILEMDLDYLNANAR.S	31
PLOG+2280	proteomics_log	705060	705107	+	3	2	K.AQGHIVAGQTPLYEIK.K	20
PLOG+2281	proteomics_log	705060	705110	+	3	21	K.AQGHIVAGQTPLYEIKK.-	21
PLOG+2282	proteomics_log	705319	705354	+	1	28	M.SEAERPTNFIR.Q	16
PLOG+2283	proteomics_log	705511	705585	+	1	2	R.FDDTNPVKEDIEYVESIKNDVEWLG.F	29
PLOG+2284	proteomics_log	705511	705609	+	1	46	R.FDDTNPVKEDIEYVESIKNDVEWLGFWHSGNVR.Y	37
PLOG+2285	proteomics_log	705610	705717	+	1	2	R.YSSDYFDQLHAYAIELINKGLAYVDELTPEQIREYR.G	40
PLOG+2286	proteomics_log	705610	705666	+	1	6	R.YSSDYFDQLHAYAIELINK.G	23
PLOG+2287	proteomics_log	705610	705708	+	1	22	R.YSSDYFDQLHAYAIELINKGLAYVDELTPEQIR.E	37
PLOG+2288	proteomics_log	705763	705795	+	1	4	R.SVEENLALFEK.M	15
PLOG+2289	proteomics_log	705838	705894	+	1	2	R.AKIDMASPFIVMRDPVLYR.I	23
PLOG+2290	proteomics_log	705901	705930	+	1	7	K.FAEHHQTGNK.W	14
PLOG+2291	proteomics_log	706030	706080	+	1	2	R.RLYDWVLDNITIPVHPR.Q	21
PLOG+2292	proteomics_log	706033	706080	+	1	34	R.LYDWVLDNITIPVHPR.Q	20
PLOG+2293	proteomics_log	706099	706128	+	1	5	R.LNLEYTVMSK.R	14
PLOG+2294	proteomics_log	706213	706239	+	1	5	R.RGYTAASIR.E	13
PLOG+2295	proteomics_log	706255	706341	+	1	3	R.IGVTKQDNTIEMASLESCIREDLNENAPR.A	33
PLOG+2296	proteomics_log	706342	706422	+	1	3	R.AMAVIDPVKLVNIENYQGEEMVTMPNH.P	31

PLOG+2297	proteomics_log	706342	706449	+	1	10	R.AMAVIDPVKLVNIENYQGEEMVTPNHPNKPENMGSR.Q	40
PLOG+2298	proteomics_log	706450	706485	+	1	12	R.QVPFSGEIWIDR.A	16
PLOG+2299	proteomics_log	706486	706524	+	1	3	R.ADFREEANKQYKR.L	17
PLOG+2300	proteomics_log	706522	706548	+	1	6	K.RVLGKEVR.L	13
PLOG+2301	proteomics_log	706525	706548	+	1	15	R.LVLGKEVR.L	12
PLOG+2302	proteomics_log	706672	706728	+	1	54	K.VKGVIIHWVSAHALPVEIR.L	23
PLOG+2303	proteomics_log	706678	706728	+	1	94	K.GVIHWVSAHALPVEIR.L	21
PLOG+2304	proteomics_log	706729	706860	+	1	10	R.LYDRLFSVPNPGAADDFLSVINPESLVIKQGFAPSLKDAVAGK.A	48
PLOG+2305	proteomics_log	706729	706815	+	1	40	R.LYDRLFSVPNPGAADDFLSVINPESLVIK.Q	33
PLOG+2306	proteomics_log	706741	706878	+	1	2	R.LFSVPNPGAADDFLSVINPESLVIKQGFAPSLKDAVAGKAFQFER.E	50
PLOG+2307	proteomics_log	706741	706860	+	1	22	R.LFSVPNPGAADDFLSVINPESLVIKQGFAPSLKDAVAGK.A	44
PLOG+2308	proteomics_log	706741	706815	+	1	76	R.LFSVPNPGAADDFLSVINPESLVIK.Q	29
PLOG+2309	proteomics_log	706816	706860	+	1	31	K.QGFAPSLKDAVAGK.A	19
PLOG+2310	proteomics_log	706906	706938	+	1	96	R.HSTAEKPVFNR.T	15
PLOG+2311	proteomics_log	706939	706968	+	1	12	R.TVGLRDTWAK.V	14
PLOG+2312	proteomics_log	709259	709312	+	2	2	R.ATQTGNDQAVKADCDKVV.Q	22
PLOG+2313	proteomics_log	712210	712302	+	1	3	K.M*KTIEVDDELYSYIASHTKHIGESASDILRR.M	36
PLOG+2314	proteomics_log	712210	712266	+	1	77	K.MKTIEVDDELYSYIASHTK.H	23
PLOG+2315	proteomics_log	712267	712302	+	1	13	K.HIGESASDILRR.M	16
PLOG+2316	proteomics_log	712303	712359	+	1	20	R.MLKFSASQPAAPVTKEVR.V	23
PLOG+2317	proteomics_log	712312	712359	+	1	3	K.FSAASQPAAPVTKEVR.V	20
PLOG+2318	proteomics_log	712312	712350	+	1	30	K.FSAASQPAAPVTK.E	17
PLOG+2319	proteomics_log	712468	712557	+	1	15	R.AVNRFMLLLSTLYSLDAQFAEATESLHGR.T	34
PLOG+2320	proteomics_log	712480	712557	+	1	24	R.FMLLLSTLYSLDAQFAEATESLHGR.T	30
PLOG+2321	proteomics_log	712799	712861	+	2	3	R.AGQPAQQSDLINVAQLTAQYY.V	25
PLOG+2322	proteomics_log	712799	712939	+	2	4	R.AGQPAQQSDLINVAQLTAQYYVLKPEAGNAEHAVKFGTSGHRGSAAR.H	51
PLOG+2323	proteomics_log	712799	712903	+	2	13	R.AGQPAQQSDLINVAQLTAQYYVLKPEAGNAEHAVK.F	39
PLOG+2324	proteomics_log	712904	712939	+	2	2	K.FGTSGHRGSAAR.H	16
PLOG+2325	proteomics_log	712940	713002	+	2	9	R.HSFNEPHILAIQAIAEERAK.N	25
PLOG+2326	proteomics_log	712940	712996	+	2	65	R.HSFNEPHILAIQAIAEER.A	23
PLOG+2327	proteomics_log	713189	713293	+	2	4	P.LADGIVITPSHNPPEDGGIKYNPPNGGPADTNVTK.V	39
PLOG+2328	proteomics_log	713309	713347	+	2	3	R.ANALLADGLKGVK.R	17
PLOG+2329	proteomics_log	713309	713350	+	2	7	R.ANALLADGLKGVK.I	18
PLOG+2330	proteomics_log	713348	713458	+	2	3	K.RISLDEAMASGHVKEQDLVQPFVEGLADIVDMAAIQK.A	41
PLOG+2331	proteomics_log	713351	713458	+	2	2	R.ISLDEAM*ASGHVKEQDLVQPFVEGLADIVDM*AAIQK.A	42
PLOG+2332	proteomics_log	713351	713458	+	2	3	R.ISLDEAMASGHVKEQDLVQPFVEGLADIVDM*AAIQK.A	41
PLOG+2333	proteomics_log	713351	713458	+	2	96	R.ISLDEAMASGHVKEQDLVQPFVEGLADIVDMAAIQK.A	40
PLOG+2334	proteomics_log	713390	713458	+	2	2	K.EQDLVQPFVEGLADIVDM*AAIQK.A	28
PLOG+2335	proteomics_log	713390	713458	+	2	41	K.EQDLVQPFVEGLADIVDMAAIQK.A	27
PLOG+2336	proteomics_log	713459	713518	+	2	3	K.AGLTLGVDPLGGSGIEYWK.R	24
PLOG+2337	proteomics_log	713459	713515	+	2	11	K.AGLTLGVDPLGGSGIEYWK.R	23
PLOG+2338	proteomics_log	713519	713581	+	2	9	R.IGEYYNLNLTIVNDQVDQTFR.F	25
PLOG+2339	proteomics_log	713822	713872	+	2	3	K.TLVSSAMIDRVVNDLGR.K	21
PLOG+2340	proteomics_log	714095	714121	+	2	2	K.RFGAPSYNR.L	13
PLOG+2341	proteomics_log	714122	714151	+	2	18	R.LQAAATSAQK.A	14
PLOG+2342	proteomics_log	714167	714223	+	2	14	K.LSPEMVSASTLAGDPITAR.L	23

PLOG+2343	proteomics_log	714224	714268	+	2	6	R.LTAAPGNASIGGLK.V	19
PLOG+2344	proteomics_log	714368	714412	+	2	28	K.QIEKEAVEIVSEVLK.N	19
PLOG+2345	proteomics_log	714368	714418	+	2	33	K.QIEKEAVEIVSEVLKNA.-	21
PLOG+2346	proteomics_log	714380	714412	+	2	2	K.EAVEIVSEVLK.N	15
PLOG+2347	proteomics_log	714380	714418	+	2	2	K.EAVEIVSEVLKNA.-	17
PLOG+2348	proteomics_log	716847	716879	+	3	3	Y.ISIRTRRLQTK.K	15
PLOG+2349	proteomics_log	717012	717095	+	3	5	R.NNDPPHGNATDLPGNARTTKVSHGTNPQ.H	32
PLOG+2350	proteomics_log	717117	717140	+	3	15	T.NLHWRQTR.A	12
PLOG+2351	proteomics_log	717979	718020	+	1	12	R.RTQAVFRSVPAGQQ.V	18
PLOG+2352	proteomics_log	726681	726773	+	3	3	R.RGNQNCQCSQFHLAYVDFFTQIFRCTTNHQP.G	35
PLOG+2353	proteomics_log	732611	732688	+	2	2	Q.IYGGIRSIINIFVSQMVKGTILVVAK.T	30
PLOG+2354	proteomics_log	736489	736590	+	1	5	K.KSNEITAIPELLNM*LDIKGKIITTDAM*GCQKDIA.E	40
PLOG+2355	proteomics_log	742050	742145	+	3	2	K.MKNTELEQLINEKLNAAISDYAPNGLQVEGK.E	36
PLOG+2356	proteomics_log	742050	742088	+	3	12	K.MKNTELEQLINEK.L	17
PLOG+2357	proteomics_log	742161	742277	+	3	2	K.IVTGVTASQALLDEAVRLGADAVIVHHGYFWKGESPVIR.G	43
PLOG+2358	proteomics_log	742161	742211	+	3	61	K.IVTGVTASQALLDEAVR.L	21
PLOG+2359	proteomics_log	742212	742277	+	3	24	R.LGADAVIVHHGYFWKGESPVIR.G	26
PLOG+2360	proteomics_log	742497	742550	+	3	6	R.LGRKPLWCGDTGPEVVQR.V	22
PLOG+2361	proteomics_log	742576	742599	+	1	3	G.KVLSIAPR.V	12
PLOG+2362	proteomics_log	742602	742661	+	3	2	R.FGVDAFITGEVSEQTIHSAR.E	24
PLOG+2363	proteomics_log	742662	742709	+	3	3	R.EQGLHFYAAGHHATER.G	20
PLOG+2364	proteomics_log	742924	743025	+	1	8	R.LVDMPNVVEAIPGMNITVILRNPELALDAIER.L	38
PLOG+2365	proteomics_log	755130	755192	+	3	4	V.M*KLPVREFDAVVIGAGGAGM*R.A	27
PLOG+2366	proteomics_log	755130	755192	+	3	6	V.MKLPVREFDAVVIGAGGAGM*R.A	26
PLOG+2367	proteomics_log	755130	755192	+	3	165	V.MKLPVREFDAVVIGAGGAGMR.A	25
PLOG+2368	proteomics_log	755148	755192	+	3	6	R.EFDVAVVIGAGGAGMR.A	19
PLOG+2369	proteomics_log	755400	755453	+	3	8	K.TGPEAILELEHM*GLPFSR.L	23
PLOG+2370	proteomics_log	755400	755453	+	3	365	K.TGPEAILELEHMGLPFSR.L	22
PLOG+2371	proteomics_log	755454	755528	+	3	6	R.LDDGRIYQRPFGGQSKNFGGEQAAR.T	29
PLOG+2372	proteomics_log	755469	755528	+	3	7	R.IYQRPFGGQSKNFGGEQAAR.T	24
PLOG+2373	proteomics_log	755469	755501	+	3	81	R.IYQRPFGGQSK.N	15
PLOG+2374	proteomics_log	755502	755528	+	3	36	K.NFGGEQAAR.T	13
PLOG+2375	proteomics_log	755529	755594	+	3	25	R.TAAAADRTGHALLHTLYQQNLK.N	26
PLOG+2376	proteomics_log	755550	755594	+	3	4	R.TGHALLHTLYQQNLK.N	19
PLOG+2377	proteomics_log	755595	755642	+	3	16	K.NHTTIFSEWYALDLVK.N	20
PLOG+2378	proteomics_log	755715	755813	+	3	21	A.RATVLATGGAGRIYQSTTNAHINTGDGVGMAIR.A	37
PLOG+2379	proteomics_log	755718	755813	+	3	21	R.ATVLATGGAGRIYQSTTNAHINTGDGVGMAIR.A	36
PLOG+2380	proteomics_log	755718	755750	+	3	100	R.ATVLATGGAGR.I	15
PLOG+2381	proteomics_log	755751	755813	+	3	3	R.IYQSTTNAHINTGDGVGM*AIR.A	26
PLOG+2382	proteomics_log	755751	755813	+	3	74	R.IYQSTTNAHINTGDGVGMAIR.A	25
PLOG+2383	proteomics_log	755814	755906	+	3	7	R.AGVPVQDMEMWQFHPTGIAGAGVLVTEGCRG.E	35
PLOG+2384	proteomics_log	755955	756002	+	3	85	R.YAPNAKDLAGRDVVAR.S	20
PLOG+2385	proteomics_log	755973	756002	+	3	16	K.DLAGRDVVAR.S	14
PLOG+2386	proteomics_log	756003	756032	+	3	5	R.SIMIEIREGR.G	14
PLOG+2387	proteomics_log	756066	756107	+	3	175	K.LKLDHLGKEVLESR.L	18
PLOG+2388	proteomics_log	756066	756134	+	3	204	K.LKLDHLGKEVLESRLPGILELSR.T	27

PLOG+2389	proteomics_log	756072	756134	+	3	2	K.LDHLGKEVLESRLPGILELSR.T	25
PLOG+2390	proteomics_log	756072	756107	+	3	2	K.LDHLGKEVLESR.L	16
PLOG+2391	proteomics_log	756108	756134	+	3	106	R.LPGILELSR.T	13
PLOG+2392	proteomics_log	756327	756368	+	3	274	R.LGGNSLLDLVVFGR.A	18
PLOG+2393	proteomics_log	756369	756419	+	3	3	R.AAGLHLQESIAEQGALR.D	21
PLOG+2394	proteomics_log	756369	756467	+	3	6	R.AAGLHLQESIAEQGALRDASESDVEASLDRLNR.W	37
PLOG+2395	proteomics_log	756420	756458	+	3	5	R.DASESDVEASLDR.L	17
PLOG+2396	proteomics_log	756468	756512	+	3	4	R.WNNNRNGEDPVAIRK.A	19
PLOG+2397	proteomics_log	756576	756608	+	3	2	K.GLEQLKVIRER.L	15
PLOG+2398	proteomics_log	756576	756602	+	3	70	K.GLEQLKVIR.E	13
PLOG+2399	proteomics_log	756624	756659	+	3	64	R.LDDTSSEFNTQR.V	16
PLOG+2400	proteomics_log	756912	756938	+	3	75	K.MRLEFSIYR.Y	13
PLOG+2401	proteomics_log	756939	756968	+	3	3	R.YNPVDDAPR.M	14
PLOG+2402	proteomics_log	756969	757040	+	3	33	R.MQDYTLEADEGRDMMLLDALIQLK.E	28
PLOG+2403	proteomics_log	757005	757070	+	3	2	R.DMMLLDALIQLKEKDP SLSFRR.S	26
PLOG+2404	proteomics_log	757005	757040	+	3	6	R.DMMLLDALIQLK.E	16
PLOG+2405	proteomics_log	757176	757214	+	3	16	K.IVIRPLPGLPVIR.D	17
PLOG+2406	proteomics_log	757176	757259	+	3	79	K.IVIRPLPGLPVIRDLVVDMGQFYAQYEK.I	32
PLOG+2407	proteomics_log	757215	757259	+	3	2	R.DLVVDM*GQFYAQYEK.I	20
PLOG+2408	proteomics_log	757215	757259	+	3	8	R.DLVVDMGQFYAQYEK.I	19
PLOG+2409	proteomics_log	757260	757304	+	3	2	K.IKPYLLNNGQNPPAR.E	19
PLOG+2410	proteomics_log	757470	757526	+	3	16	R.DTETDSRLDGLSDAFSVFR.C	23
PLOG+2411	proteomics_log	757491	757526	+	3	17	R.LDGLSDAFSVFR.C	16
PLOG+2412	proteomics_log	757584	757619	+	3	6	R.AIGHIKSMMLQR.N	16
PLOG+2413	proteomics_log	757929	758054	+	3	5	T.MQNSALKAWLDSSYLSGANQSWIEQLYEDFLTPDSDVANWR.S	46
PLOG+2414	proteomics_log	757950	758054	+	3	20	K.AWLDSSYLSGANQSWIEQLYEDFLTPDSDVANWR.S	39
PLOG+2415	proteomics_log	758055	758117	+	3	51	R.STFQQLPGTGVPDQFHSQTR.E	25
PLOG+2416	proteomics_log	758154	758201	+	3	6	R.YSSTISDPDTNVKQVK.V	20
PLOG+2417	proteomics_log	758154	758192	+	3	7	R.YSSTISDPDTNVK.Q	17
PLOG+2418	proteomics_log	758202	758228	+	3	26	K.VLQLINAYR.F	13
PLOG+2419	proteomics_log	758490	758534	+	3	75	R.IESGRATFNSEEKCR.F	19
PLOG+2420	proteomics_log	758505	758534	+	3	35	R.ATFNSEEKCR.F	14
PLOG+2421	proteomics_log	758535	758603	+	3	2	R.FLSELTAAEGLERYLGAKFPGAKR.R	27
PLOG+2422	proteomics_log	758535	758606	+	3	6	R.FLSELTAAEGLERYLGAKFPGAKR.F	28
PLOG+2423	proteomics_log	758535	758573	+	3	88	R.FLSELTAAEGLER.Y	17
PLOG+2424	proteomics_log	758574	758606	+	3	7	R.YLGAKFPGAKR.F	15
PLOG+2425	proteomics_log	758604	758660	+	3	19	K.RFSLEGGDALIPMLKEMIR.H	23
PLOG+2426	proteomics_log	758607	758648	+	3	17	R.FSLEGGDALIPMLK.E	18
PLOG+2427	proteomics_log	758607	758660	+	3	26	R.FSLEGGDALIPMLKEMIR.H	22
PLOG+2428	proteomics_log	758661	758711	+	3	18	R.HAGNSGTREVVLMMAHR.G	21
PLOG+2429	proteomics_log	758685	758711	+	3	3	R.EVVLMMAHR.G	13
PLOG+2430	proteomics_log	759051	759083	+	3	4	K.ARGYEVGGTVR.I	15
PLOG+2431	proteomics_log	759057	759083	+	3	10	R.GYEVGGTVR.I	13
PLOG+2432	proteomics_log	759084	759137	+	3	128	R.IVINNVQVGF TTSNPLDAR.S	22
PLOG+2433	proteomics_log	759168	759233	+	3	2	K.M*VQAPIFHV NADDPEAVAFVTR.L	27
PLOG+2434	proteomics_log	759168	759233	+	3	101	K.MVQAPIFHV NADDPEAVAFVTR.L	26

PLOG+2435	proteomics_log	759300	759356	+	3	2	R.HGHNEADEPSATQPLMYQK.I	23
PLOG+2436	proteomics_log	759381	759413	+	3	20	R.KIYADKLEQEK.V	15
PLOG+2437	proteomics_log	759381	759458	+	3	49	R.KIYADKLEQEKVATLEDATEMVNLYR.D	30
PLOG+2438	proteomics_log	759585	759608	+	3	6	K.RLQELAKR.I	12
PLOG+2439	proteomics_log	759606	759668	+	3	4	K.RISTVPEAVEMQSRVAKIYGD.R	25
PLOG+2440	proteomics_log	759606	759647	+	3	55	K.RISTVPEAVEMQSR.V	18
PLOG+2441	proteomics_log	759609	759647	+	3	3	R.ISTVPEAVEM*QSR.V	18
PLOG+2442	proteomics_log	759609	759647	+	3	109	R.ISTVPEAVEMQSR.V	17
PLOG+2443	proteomics_log	759960	760049	+	3	9	R.TLTIWEAQFGDFANGAQVVIDQFISSGEQK.W	34
PLOG+2444	proteomics_log	759960	760058	+	3	17	R.TLTIWEAQFGDFANGAQVVIDQFISSGEQKWGR.M	37
PLOG+2445	proteomics_log	760266	760364	+	3	12	K.SLLRHPLAVSSLEELANGTFLPAIGEIDELDPK.G	37
PLOG+2446	proteomics_log	760278	760364	+	3	3	R.HPLAVSSLEELANGTFLPAIGEIDELDPK.G	33
PLOG+2447	proteomics_log	760428	760460	+	3	2	R.KNNQHDVAIVR.I	15
PLOG+2448	proteomics_log	760629	760688	+	3	2	R.YAGRPASASPAVGYM*SVHQK.Q	25
PLOG+2449	proteomics_log	760629	760727	+	3	6	R.YAGRPASASPAVGYMSVHQKQQQDLVNDALNVE.-	37
PLOG+2450	proteomics_log	760629	760688	+	3	13	R.YAGRPASASPAVGYMSVHQK.Q	24
PLOG+2451	proteomics_log	760689	760727	+	3	13	K.QQQDLVNDALNVE.-	17
PLOG+2452	proteomics_log	760973	761047	+	2	123	R.LREGNSAGKETSASKEEKASTPAQR.Q	29
PLOG+2453	proteomics_log	760973	761014	+	2	244	R.LREGNSAGKETSASKEEK.A	18
PLOG+2454	proteomics_log	760973	761026	+	2	245	R.LREGNSAGKETSASKEEK.A	22
PLOG+2455	proteomics_log	760979	761047	+	2	55	R.EGNSAGKETSASKEEKASTPAQR.Q	27
PLOG+2456	proteomics_log	760991	761047	+	2	2	S.AGKETSASKEEKASTPAQR.Q	23
PLOG+2457	proteomics_log	761015	761047	+	2	27	K.SEEKASTPAQR.Q	15
PLOG+2458	proteomics_log	761027	761104	+	2	5	K.ASTPAQRQQASLEEQNNDALSPAIRR.L	30
PLOG+2459	proteomics_log	761048	761101	+	2	8	R.QQASLEEQNNDALSPAIR.R	22
PLOG+2460	proteomics_log	761102	761164	+	2	48	R.RLLAEHNLDASAIKGTGVGGRLTR.E	25
PLOG+2461	proteomics_log	761105	761188	+	2	4	R.LLAEHNLDASAIKGTGVGGRLTREDVEK.H	32
PLOG+2462	proteomics_log	761105	761143	+	2	5	R.LLAEHNLDASAIK.G	17
PLOG+2463	proteomics_log	761105	761173	+	2	17	R.LLAEHNLDASAIKGTGVGGRLTR.E	27
PLOG+2464	proteomics_log	761105	761164	+	2	169	R.LLAEHNLDASAIKGTGVGGRLTR.E	24
PLOG+2465	proteomics_log	761174	761266	+	2	8	R.EDVEKHLAKAPAKESAPAAAAAPAAQPALAAR.S	35
PLOG+2466	proteomics_log	761189	761266	+	2	47	K.HLAKAPAKESAPAAAAAPAAQPALAAR.S	30
PLOG+2467	proteomics_log	761201	761266	+	2	31	K.APAKESAPAAAAAPAAQPALAAR.S	26
PLOG+2468	proteomics_log	761213	761266	+	2	28	K.ESAPAAAAAPAAQPALAAR.S	22
PLOG+2469	proteomics_log	761306	761332	+	2	6	R.VAERLLEAK.N	13
PLOG+2470	proteomics_log	761318	761395	+	2	41	R.LLEAKNSTAMLTTFNEVNMKPIMDLR.K	30
PLOG+2471	proteomics_log	761333	761398	+	2	31	K.NSTAMLTTFNEVNMKPIMDLR.K	26
PLOG+2472	proteomics_log	761333	761395	+	2	131	K.NSTAMLTTFNEVNMKPIMDLR.K	25
PLOG+2473	proteomics_log	761396	761425	+	2	26	R.KQYGEAFEKR.H	14
PLOG+2474	proteomics_log	761426	761464	+	2	4	R.HGIRLGFMSFYVK.A	17
PLOG+2475	proteomics_log	761438	761464	+	2	2	R.LGFM*SFYVK.A	14
PLOG+2476	proteomics_log	761438	761464	+	2	155	R.LGFM*SFYVK.A	13
PLOG+2477	proteomics_log	761465	761575	+	2	4	K.AVVEALKRYPEVNASIDGDDVYHNYFDVSMVSTPR.G	41
PLOG+2478	proteomics_log	761492	761575	+	2	4	Y.PEVNASIDGDDVYHNYFDVSMVSTPR.G	32
PLOG+2479	proteomics_log	761576	761665	+	2	2	R.GLVTPVLRDVRTLGM*ADIEKKIKELAVKGR.D	35
PLOG+2480	proteomics_log	761576	761665	+	2	14	R.GLVTPVLRDVRTLGMADIEKKIKELAVKGR.D	34

PLOG+2481	proteomics_log	761576	761644	+	2	16	R.GLVTPVLRDVDTLGMADIEKKIK.E	27
PLOG+2482	proteomics_log	761576	761659	+	2	18	R.GLVTPVLRDVDTLGMADIEKKIKELAVK.G	32
PLOG+2483	proteomics_log	761576	761638	+	2	53	R.GLVTPVLRDVDTLGMADIEKK.I	25
PLOG+2484	proteomics_log	761576	761635	+	2	71	R.GLVTPVLRDVDTLGMADIEK.K	24
PLOG+2485	proteomics_log	761600	761635	+	2	3	R.DVDTLGM*ADIEK.K	17
PLOG+2486	proteomics_log	761600	761635	+	2	4	R.DVDTLGMADIEK.K	16
PLOG+2487	proteomics_log	761600	761638	+	2	11	R.DVDTLGMADIEKK.I	17
PLOG+2488	proteomics_log	761636	761659	+	2	2	K.KIKELAVK.G	12
PLOG+2489	proteomics_log	761636	761665	+	2	2	K.KIKELAVKGR.D	14
PLOG+2490	proteomics_log	761801	761875	+	2	23	K.DRPMVNGQVEILPMMYLALSVDHR.L	29
PLOG+2491	proteomics_log	761876	761944	+	2	46	R.LIDGRESVGFLVTIKELLEDPTR.L	27
PLOG+2492	proteomics_log	761876	761959	+	2	201	R.LIDGRESVGFLVTIKELLEDPTRLLLDV.-	32
PLOG+2493	proteomics_log	761891	761959	+	2	71	R.ESVGFLVTIKELLEDPTRLLLDV.-	27
PLOG+2494	proteomics_log	761891	761944	+	2	97	R.ESVGFLVTIKELLEDPTR.L	22
PLOG+2495	proteomics_log	761921	761959	+	2	49	K.ELLEDPTRLLLDV.-	17
PLOG+2496	proteomics_log	762237	762278	+	3	10	H.M*NLHEYQAKQLFAR.Y	19
PLOG+2497	proteomics_log	762237	762263	+	3	59	H.M*NLHEYQAK.Q	14
PLOG+2498	proteomics_log	762237	762278	+	3	169	H.MNLHEYQAKQLFAR.Y	18
PLOG+2499	proteomics_log	762237	762263	+	3	301	H.MNLHEYQAK.Q	13
PLOG+2500	proteomics_log	762324	762374	+	3	10	R.EAEEAASKIGAGPWVVK.C	21
PLOG+2501	proteomics_log	762348	762374	+	3	137	K.IGAGPWVVK.C	13
PLOG+2502	proteomics_log	762399	762476	+	3	3	R.GKAGGVKVVNSKEDIRAFENWLGKR.L	30
PLOG+2503	proteomics_log	762399	762434	+	3	20	R.GKAGGVKVVNSK.E	16
PLOG+2504	proteomics_log	762399	762446	+	3	37	R.GKAGGVKVVNSKEDIR.A	20
PLOG+2505	proteomics_log	762405	762473	+	3	16	K.AGGVKKVVNSKEDIRAFENWLGK.R	27
PLOG+2506	proteomics_log	762405	762476	+	3	33	K.AGGVKKVVNSKEDIRAFENWLGKR.L	28
PLOG+2507	proteomics_log	762405	762446	+	3	127	K.AGGVKKVVNSKEDIR.A	18
PLOG+2508	proteomics_log	762405	762434	+	3	129	K.AGGVKKVVNSK.E	14
PLOG+2509	proteomics_log	762420	762446	+	3	18	K.VVNSKEDIR.A	13
PLOG+2510	proteomics_log	762420	762476	+	3	49	K.VVNSKEDIRAFENWLGKR.L	23
PLOG+2511	proteomics_log	762435	762476	+	3	44	K.EDIRAFENWLGKR.L	18
PLOG+2512	proteomics_log	762447	762473	+	3	20	R.AFAENWLGK.R	13
PLOG+2513	proteomics_log	762447	762476	+	3	129	R.AFAENWLGKR.L	14
PLOG+2514	proteomics_log	762474	762554	+	3	10	K.RLVTYQTDANGQPVNQILVEAATDIAK.E	31
PLOG+2515	proteomics_log	762474	762584	+	3	166	K.RLVTYQTDANGQPVNQILVEAATDIAKELYLGAVVDR.S	41
PLOG+2516	proteomics_log	762477	762596	+	3	36	R.LVTYQTDANGQPVNQILVEAATDIAKELYLGAVVDRSSRR.V	44
PLOG+2517	proteomics_log	762477	762593	+	3	140	R.LVTYQTDANGQPVNQILVEAATDIAKELYLGAVVDRSSR.R	43
PLOG+2518	proteomics_log	762477	762554	+	3	146	R.LVTYQTDANGQPVNQILVEAATDIAK.E	30
PLOG+2519	proteomics_log	762477	762584	+	3	570	R.LVTYQTDANGQPVNQILVEAATDIAKELYLGAVVDR.S	40
PLOG+2520	proteomics_log	762510	762584	+	3	120	Q.PVNQILVEAATDIAKELYLGAVVDR.S	29
PLOG+2521	proteomics_log	762528	762584	+	3	7	L.VEAATDIAKELYLGAVVDR.S	23
PLOG+2522	proteomics_log	762555	762584	+	3	60	K.ELYLGAVVDR.S	14
PLOG+2523	proteomics_log	762594	762674	+	3	16	R.RVVFMASTEGGVEIEKVAEETPHLIHK.V	31
PLOG+2524	proteomics_log	762597	762674	+	3	116	R.VVFMASSTEGGVEIEKVAEETPHLIHK.V	30
PLOG+2525	proteomics_log	762642	762674	+	3	31	K.VAEETPHLIHK.V	15
PLOG+2526	proteomics_log	762675	762773	+	3	5	K.VALDPLTGMPYQGRELAFKLGLEGKLVQQFTK.I	37

PLOG+2527	proteomics_log	762675	762719	+	3	7	K.VALDPLTGPM*PYQGR.E	20
PLOG+2528	proteomics_log	762675	762719	+	3	78	K.VALDPLTGMPYQGR.E	19
PLOG+2529	proteomics_log	762735	762773	+	3	6	K.LGLEKLVQQFTK.I	17
PLOG+2530	proteomics_log	762753	762809	+	3	4	K.LVQQFTKIFMGLATIFLER.D	23
PLOG+2531	proteomics_log	762753	762851	+	3	21	K.LVQQFTKIFMGLATIFLERDLALIEINPLVITK.Q	37
PLOG+2532	proteomics_log	762774	762809	+	3	15	K.IFM*GLATIFLER.D	17
PLOG+2533	proteomics_log	762774	762809	+	3	81	K.IFMGLATIFLER.D	16
PLOG+2534	proteomics_log	762774	762851	+	3	90	K.IFMGLATIFLERDLALIEINPLVITK.Q	30
PLOG+2535	proteomics_log	762810	762851	+	3	117	R.DLALIEINPLVITK.Q	18
PLOG+2536	proteomics_log	762882	762911	+	3	10	K.LGADGNALFR.Q	14
PLOG+2537	proteomics_log	762882	762926	+	3	37	K.LGADGNALFRQPDLR.E	19
PLOG+2538	proteomics_log	763068	763121	+	3	5	K.LHGGEANFLDVGGGATK.E	22
PLOG+2539	proteomics_log	763068	763127	+	3	27	K.LHGGEANFLDVGGGATKER.V	24
PLOG+2540	proteomics_log	763092	763127	+	3	3	N.FLDVGGGATKER.V	16
PLOG+2541	proteomics_log	763122	763172	+	3	3	K.ERVTEAFKIILSDDKVK.A	21
PLOG+2542	proteomics_log	763128	763208	+	3	101	R.VTEAFKIILSDDKVKAVLVNIFGGIVR.C	31
PLOG+2543	proteomics_log	763128	763172	+	3	251	R.VTEAFKIILSDDKVK.A	19
PLOG+2544	proteomics_log	763146	763172	+	3	15	K.IILSDDKVK.A	13
PLOG+2545	proteomics_log	763146	763208	+	3	146	K.IILSDDKVKAVLVNIFGGIVR.C	25
PLOG+2546	proteomics_log	763173	763208	+	3	250	K.AVLVNIFGGIVR.C	16
PLOG+2547	proteomics_log	763281	763400	+	3	17	R.LEGNNAELGAKKLADSGLNIIAAKGLTDAAQQVVAAVEGK.-	44
PLOG+2548	proteomics_log	763281	763352	+	3	55	R.LEGNNAELGAKKLADSGLNIIAAK.G	28
PLOG+2549	proteomics_log	763281	763313	+	3	78	R.LEGNNAELGAK.K	15
PLOG+2550	proteomics_log	763281	763316	+	3	92	R.LEGNNAELGAKK.L	16
PLOG+2551	proteomics_log	763314	763373	+	3	3	K.KLADSGLNIIAAKGLTDAAQ.Q	24
PLOG+2552	proteomics_log	763314	763400	+	3	208	K.KLADSGLNIIAAKGLTDAAQQVVAAVEGK.-	33
PLOG+2553	proteomics_log	763314	763352	+	3	365	K.KLADSGLNIIAAK.G	17
PLOG+2554	proteomics_log	763317	763400	+	3	96	K.LADSGLNIIAAKGLTDAAQQVVAAVEGK.-	32
PLOG+2555	proteomics_log	763317	763352	+	3	185	K.LADSGLNIIAAK.G	16
PLOG+2556	proteomics_log	763353	763400	+	3	502	K.GLTDAAQQVVAAVEGK.-	20
PLOG+2557	proteomics_log	763406	763432	+	2	126	M.SILIDKNTK.V	13
PLOG+2558	proteomics_log	763505	763531	+	2	5	K.MVGGVTPGK.G	13
PLOG+2559	proteomics_log	763505	763576	+	2	23	K.M*VGGVTPGKGGTTHLGLPVFNTVR.E	29
PLOG+2560	proteomics_log	763505	763576	+	2	298	K.MVGGVTPGKGGTTHLGLPVFNTVR.E	28
PLOG+2561	proteomics_log	763532	763576	+	2	25	K.GGTTHLGLPVFNTVR.E	19
PLOG+2562	proteomics_log	763640	763675	+	2	32	K.DSILEAIDAGIK.L	16
PLOG+2563	proteomics_log	763676	763729	+	2	13	K.LIITITEGIPTLDM*LTVK.V	23
PLOG+2564	proteomics_log	763676	763729	+	2	129	K.LIITITEGIPTLDMMLTVK.V	22
PLOG+2565	proteomics_log	763730	763756	+	2	75	K.VKLDEAGVR.M	13
PLOG+2566	proteomics_log	763805	763843	+	2	44	K.IGIQPGHIHKPGK.V	17
PLOG+2567	proteomics_log	763805	763861	+	2	210	K.IGIQPGHIHKPGKVGIVSR.S	23
PLOG+2568	proteomics_log	763862	763924	+	2	2	R.SGTLTYEAVKQTTDYFGQST.C	25
PLOG+2569	proteomics_log	763862	763891	+	2	4	R.SGTLTYEAVK.Q	14
PLOG+2570	proteomics_log	764072	764131	+	2	3	K.EHVTKPVVGYIAGVTAPK.G.R	24
PLOG+2571	proteomics_log	764072	764125	+	2	7	K.EHVTKPVVGYIAGVTAPK.G	22
PLOG+2572	proteomics_log	764132	764218	+	2	2	K.RM*GHAGAIAGGKGTADKFAALEAAGVK.T	34

PLOG+2573	proteomics_log	764132	764188	+	2	14	K.RMGHAGAIAGGKGTADEK.F	23
PLOG+2574	proteomics_log	764132	764170	+	2	15	K.RMGHAGAIAGGK.G	17
PLOG+2575	proteomics_log	764132	764227	+	2	15	K.RMGHAGAIAGGKGTADEKFAALEAAGVKTVR.S	36
PLOG+2576	proteomics_log	764132	764218	+	2	93	K.RMGHAGAIAGGKGTADEKFAALEAAGVK.T	33
PLOG+2577	proteomics_log	764135	764170	+	2	78	R.MGHAGAIAGGK.G	16
PLOG+2578	proteomics_log	764135	764188	+	2	90	R.MGHAGAIAGGKGTADEK.F	22
PLOG+2579	proteomics_log	764135	764227	+	2	145	R.MGHAGAIAGGKGTADEKFAALEAAGVKTVR.S	35
PLOG+2580	proteomics_log	764135	764218	+	2	159	R.MGHAGAIAGGKGTADEKFAALEAAGVK.T	32
PLOG+2581	proteomics_log	764135	764269	+	2	2	R.M*GHAGAIAGGKGTADEKFAALEAAGVKTVRSLADIGEALKTVLK.-	50
PLOG+2582	proteomics_log	764135	764188	+	2	90	R.M*GHAGAIAGGKGTADEK.F	23
PLOG+2583	proteomics_log	764135	764227	+	2	145	R.M*GHAGAIAGGKGTADEKFAALEAAGVKTVR.S	36
PLOG+2584	proteomics_log	764135	764218	+	2	159	R.M*GHAGAIAGGKGTADEKFAALEAAGVK.T	33
PLOG+2585	proteomics_log	764156	764227	+	2	2	I.IAGGKGTADEKFAALEAAGVKTVR.S	28
PLOG+2586	proteomics_log	764159	764227	+	2	15	I.AGGKGTADEKFAALEAAGVKTVR.S	27
PLOG+2587	proteomics_log	764171	764227	+	2	14	K.GTADEKFAALEAAGVKTVR.S	23
PLOG+2588	proteomics_log	764171	764218	+	2	47	K.GTADEKFAALEAAGVK.T	20
PLOG+2589	proteomics_log	764189	764269	+	2	4	K.FAALAAGVKTVRSLADIGEALKTVLK.-	31
PLOG+2590	proteomics_log	764189	764218	+	2	34	K.FAALAAGVK.T	14
PLOG+2591	proteomics_log	764189	764227	+	2	83	K.FAALAAGVKTVR.S	17
PLOG+2592	proteomics_log	764195	764227	+	2	3	A.ALEAAGVKTVR.S	15
PLOG+2593	proteomics_log	764219	764269	+	2	7	K.TVRSLADIGEALKTVLK.-	21
PLOG+2594	proteomics_log	764228	764257	+	2	230	R.SLADIGEALK.T	14
PLOG+2595	proteomics_log	764228	764269	+	2	367	R.SLADIGEALKTVLK.-	18
PLOG+2596	proteomics_log	771575	771631	+	2	10	R.SVDTPVIGLKELMVQHEER.I	23
PLOG+2597	proteomics_log	771650	771676	+	2	3	K.AYSLLEQLR.S	13
PLOG+2598	proteomics_log	771677	771757	+	2	2	R.SGSTDQAVRDQFNSMKKDLGYGLLLKR.Y	31
PLOG+2599	proteomics_log	771677	771754	+	2	3	R.SGSTDQAVRDQFNSMKKDLGYGLLLK.R	30
PLOG+2600	proteomics_log	771728	771757	+	2	6	K.DLGYGLLLKR.Y	14
PLOG+2601	proteomics_log	772205	772246	+	2	6	R.YHFESSTTTQPAR.-	18
PLOG+2602	proteomics_log	774610	774651	+	1	2	G.SEQIFYSGFKEFVR.L	18
PLOG+2603	proteomics_log	774970	775032	+	1	7	R.VNKLELNVDNFMEFTAILHR.Q	25
PLOG+2604	proteomics_log	776540	776617	+	2	4	G.NTKNNGASGADINNYAGQIKSAIESK.F	30
PLOG+2605	proteomics_log	777035	777151	+	2	195	R.IVIDSGVDSGRPIGVVFPQWAGPGAAPEDIGGIVAADLR.N	43
PLOG+2606	proteomics_log	777092	777151	+	2	8	Q.WAGPGAAPEDIGGIVAADLR.N	24
PLOG+2607	proteomics_log	777152	777181	+	2	54	R.NSGKFNPLDR.A	14
PLOG+2608	proteomics_log	777389	777427	+	2	7	R.YAGHTASDEVFEK.L	17
PLOG+2609	proteomics_log	777389	777460	+	2	15	R.YAGHTASDEVFEKLTGIKGAFRTR.I	28
PLOG+2610	proteomics_log	777389	777442	+	2	36	R.YAGHTASDEVFEKLTGIK.G	22
PLOG+2611	proteomics_log	777389	777454	+	2	70	R.YAGHTASDEVFEKLTGIKGAFR.T	26
PLOG+2612	proteomics_log	777461	777511	+	2	30	R.IAYVVQTNNGGQFPYELR.V	21
PLOG+2613	proteomics_log	777512	777553	+	2	6	R.VSDYDGYNQFVVHR.S	18
PLOG+2614	proteomics_log	777554	777631	+	2	3	R.SPQPLMSPAWSPDGSKLAYVTFESGR.S	30
PLOG+2615	proteomics_log	777602	777631	+	2	4	K.LAYVTFESGR.S	14
PLOG+2616	proteomics_log	777632	777754	+	2	2	R.SALVIQTLANGAVRQVASFPRHNGAPAFSPDGSKLAFALS.K.T	45
PLOG+2617	proteomics_log	777632	777673	+	2	81	R.SALVIQTLANGAVR.Q	18
PLOG+2618	proteomics_log	777695	777733	+	2	5	R.HNGAPAFSPDGSK.L	17

PLOG+2619	proteomics_log	777695	777754	+	2	76	R.HNGAPAFSPDGSKLAFALSK.T	24
PLOG+2620	proteomics_log	777755	777805	+	2	55	K.TGSLNLYVMDLASGQIR.Q	21
PLOG+2621	proteomics_log	778190	778252	+	2	4	R.FKARLPATDGQVKFPAWSPYL.-	25
PLOG+2622	proteomics_log	778196	778252	+	2	2	K.ARLPATDGQVKFPAWSPYL.-	23
PLOG+2623	proteomics_log	778202	778252	+	2	56	R.LPATDGQVKFPAWSPYL.-	21
PLOG+2624	proteomics_log	778467	778532	+	3	23	R.LQMQLQNNIVYFDLDKYDIR.S	26
PLOG+2625	proteomics_log	778533	778568	+	3	2	R.SDFAQMLDAHAN.F	16
PLOG+2626	proteomics_log	778533	778577	+	3	39	R.SDFAQMLDAHANFLR.S	19
PLOG+2627	proteomics_log	778596	778625	+	3	24	K.VTVEGHADER.G	14
PLOG+2628	proteomics_log	778626	778661	+	3	3	R.GTPEYNISLGER.R	16
PLOG+2629	proteomics_log	778662	778697	+	3	14	R.RANAVKMYLQGK.G	16
PLOG+2630	proteomics_log	778698	778790	+	3	7	K.GVSADQISIVSYGKEKPAVLGHDEAAYSKNR.R	35
PLOG+2631	proteomics_log	778698	778739	+	3	8	K.GVSADQISIVSYGK.E	18
PLOG+2632	proteomics_log	778740	778784	+	3	3	K.EKPAVLGHDEAAYSK.N	19
PLOG+2633	proteomics_log	778962	779042	+	3	2	R.ISNAHSQLLTQLQQQLSDNQSDIDSLR.G	31
PLOG+2634	proteomics_log	778962	779090	+	3	5	R.ISNAHSQLLTQLQQQLSDNQSDIDSLRGIQENQYQLNQVVER.Q	47
PLOG+2635	proteomics_log	781527	781574	+	3	60	R.FGAKHPASTLLVAGVR.F	20
PLOG+2636	proteomics_log	781542	781574	+	3	2	H.PASTLLVAGVR.F	15
PLOG+2637	proteomics_log	781749	781823	+	3	4	K.ARADWVVTSSIAVELIDHLDLGEK.I	29
PLOG+2638	proteomics_log	781755	781823	+	3	18	R.ADWWVTSSIAVELIDHLDLGEK.I	27
PLOG+2639	proteomics_log	781755	781856	+	3	18	R.ADWWVTSSIAVELIDHLDLGEKIIWAPDKHLGR.Y	38
PLOG+2640	proteomics_log	781947	782060	+	3	82	R.LQEEYPDAAILVHPESPQAIQIVDMADAVGSTSQLIAAAK.T	42
PLOG+2641	proteomics_log	782079	782114	+	3	10	R.LIVATDRGIFYK.M	16
PLOG+2642	proteomics_log	782115	782183	+	3	2	K.MQQAVPDKELLEAPTAGEGATCR.S	27
PLOG+2643	proteomics_log	782319	782348	+	3	35	R.MLDFAATLRG.-	14
PLOG+2644	proteomics_log	784856	784975	+	2	3	D.MNYQNDDLRIKEIKELLPPVALLEKFPATENAANTVAHAR.K	44
PLOG+2645	proteomics_log	784856	784975	+	2	3	D.M*NYQNDDLRIKEIKELLPPVALLEKFPATENAANTVAHAR.K	45
PLOG+2646	proteomics_log	784856	784882	+	2	14	D.M*NYQNDDLRIKEIKELLPPVALLEKFPATENAANTVAHAR.K	14
PLOG+2647	proteomics_log	784856	784882	+	2	120	D.MNYQNDDLRIKEIKELLPPVALLEKFPATENAANTVAHAR.K	13
PLOG+2648	proteomics_log	784883	784930	+	2	2	R.IKEIKELLPPVALLEKFPATENAANTVAHAR.K	20
PLOG+2649	proteomics_log	784883	784978	+	2	3	R.IKEIKELLPPVALLEKFPATENAANTVAHARK.A	36
PLOG+2650	proteomics_log	784883	784975	+	2	130	R.IKEIKELLPPVALLEKFPATENAANTVAHAR.K	35
PLOG+2651	proteomics_log	784889	784975	+	2	12	K.EIKELLPPVALLEKFPATENAANTVAHAR.K	33
PLOG+2652	proteomics_log	784898	784975	+	2	151	K.ELLPPVALLEKFPATENAANTVAHAR.K	30
PLOG+2653	proteomics_log	784919	784975	+	2	4	A.LLEKFPATENAANTVAHAR.K	23
PLOG+2654	proteomics_log	784931	784975	+	2	22	K.FPATENAANTVAHAR.K	19
PLOG+2655	proteomics_log	784976	785014	+	2	2	R.KAIHKILKGNDLR.L	17
PLOG+2656	proteomics_log	784991	785080	+	2	2	K.IKGNDDRLLVIGPCSIHDPVAAKEYATR.L	34
PLOG+2657	proteomics_log	784991	785014	+	2	9	K.IKGNDDR.L	12
PLOG+2658	proteomics_log	785081	785131	+	2	8	R.LLALREELKDELEIVM*R.V	22
PLOG+2659	proteomics_log	785081	785131	+	2	235	R.LLALREELKDELEIVMR.V	21
PLOG+2660	proteomics_log	785132	785152	+	2	2	R.VYFEKPR.T	11
PLOG+2661	proteomics_log	785132	785152	+	2	2	R.VYFEKPR.T	11
PLOG+2662	proteomics_log	785153	785227	+	2	51	R.TTVGWKGLINDPHMDNSFQINDGLR.I	29
PLOG+2663	proteomics_log	785171	785227	+	2	2	K.GLINDPHM*DNSFQINDGLR.I	24
PLOG+2664	proteomics_log	785171	785227	+	2	180	K.GLINDPHMDNSFQINDGLR.I	23

PLOG+2665	proteomics_log	785237	785350	+	2	7	R.KLLLDINDSGLPAAGEFLDM*ITPQYLADLM*SWGAI GAR.T	44
PLOG+2666	proteomics_log	785237	785350	+	2	11	R.KLLLDINDSGLPAAGEFLDM*ITPQYLADLM*SWGAI GAR.T	43
PLOG+2667	proteomics_log	785237	785350	+	2	43	R.KLLLDINDSGLPAAGEFLDMITPQYLADLM*SWGAI GAR.T	43
PLOG+2668	proteomics_log	785237	785350	+	2	259	R.KLLLDINDSGLPAAGEFLDMITPQYLADLM*SWGAI GAR.T	42
PLOG+2669	proteomics_log	785240	785350	+	2	12	K.LLLDINDSGLPAAGEFLDMITPQYLADLM*SWGAI GAR.T	42
PLOG+2670	proteomics_log	785240	785350	+	2	126	K.LLLDINDSGLPAAGEFLDMITPQYLADLM*SWGAI GAR.T	41
PLOG+2671	proteomics_log	785351	785437	+	2	2	R.TTESQVHRELASGLSCPVGFKNGTDGTIK.V	33
PLOG+2672	proteomics_log	785351	785374	+	2	14	R.TTESQVHR.E	12
PLOG+2673	proteomics_log	785414	785497	+	2	2	K.NGTDGTIKVAIDAINAAGAPHCFLSVTK.W	32
PLOG+2674	proteomics_log	785498	785560	+	2	2	K.WGHSIVNTSGNGDCHIILRG.G	25
PLOG+2675	proteomics_log	785588	785674	+	2	17	K.HVAEVKEGLNKAGLPAQVMIDFSHANSSK.Q	33
PLOG+2676	proteomics_log	785588	785620	+	2	37	K.HVAEVKEGLNK.A	15
PLOG+2677	proteomics_log	785606	785674	+	2	22	K.EGLNKAGLPAQVMIDFSHANSSK.Q	27
PLOG+2678	proteomics_log	785621	785674	+	2	30	K.AGLPAQVMIDFSHANSSK.Q	22
PLOG+2679	proteomics_log	785738	785821	+	2	143	K.AIIGVMVESHLVEGNQSLESGEPLAYGK.S	32
PLOG+2680	proteomics_log	785822	785893	+	2	4	K.SITDACIGWEDTDALLRQLANAVK.A	28
PLOG+2681	proteomics_log	785822	785899	+	2	8	K.SITDACIGWEDTDALLRQLANAVKAR.R	30
PLOG+2682	proteomics_log	785822	785872	+	2	10	K.SITDACIGWEDTDALLR.Q	21
PLOG+2683	proteomics_log	792852	792908	+	3	5	A.EVPPARGPGPISRFHSNR.Q	23
PLOG+2684	proteomics_log	794384	794467	+	2	12	A.DEGKITVFAAASLTNAMQDIATQFKKEK.G	32
PLOG+2685	proteomics_log	794384	794461	+	2	24	A.DEGKITVFAAASLTNAMQDIATQFKK.E	30
PLOG+2686	proteomics_log	794468	794515	+	2	2	K.GVDVVSFASSTLAR.Q	20
PLOG+2687	proteomics_log	794516	794566	+	2	3	R.QIEAGAPADLFISADQK.W	21
PLOG+2688	proteomics_log	794615	794656	+	2	27	R.QTLLGNSLVVVPK.A	18
PLOG+2689	proteomics_log	794657	794692	+	2	9	K.ASVQKDFITDSK.T	16
PLOG+2690	proteomics_log	794693	794773	+	2	2	K.TNWTSLLLNGGRLAVGDPEHVPAGIYAK.E	31
PLOG+2691	proteomics_log	794693	794725	+	2	9	K.TNWTSLLLNGGR.L	15
PLOG+2692	proteomics_log	794726	794773	+	2	17	R.LAVGDPEHVPAGIYAK.E	20
PLOG+2693	proteomics_log	794789	794818	+	2	2	K.LGAWDTLSPK.L	14
PLOG+2694	proteomics_log	794819	794917	+	2	2	K.LAPAEDVRGALALVERNEAPLGIVYGSDAVASK.G	37
PLOG+2695	proteomics_log	795014	795064	+	2	50	K.AFYDYLGKGPQAAEIFKR.Y	21
PLOG+2696	proteomics_log	796086	796178	+	3	6	K.SMVDQFDKLVALLGIEPLLDRLPGSLSGGEK.Q	35
PLOG+2697	proteomics_log	796200	796265	+	3	2	R.ALLTAPELLLLDEPLASLDIPR.K	26
PLOG+2698	proteomics_log	797953	797985	+	1	3	R.YLYVGVVRPEFR.V	15
PLOG+2699	proteomics_log	798496	798531	+	1	3	R.WAADIHITPDGR.H	16
PLOG+2700	proteomics_log	798553	798642	+	1	3	R.TASLITVFSVSEDSVLSKEGFQPTETQPR.G	34
PLOG+2701	proteomics_log	798610	798642	+	1	4	K.EGFQPTETQPR.G	15
PLOG+2702	proteomics_log	798643	798693	+	1	11	R.GFNVDHSGKYLIAAGQK.S	21
PLOG+2703	proteomics_log	798694	798750	+	1	7	K.SHHISVYEIVGEQGLLHEK.G	23
PLOG+2704	proteomics_log	798757	798801	+	1	2	R.YAVGQGPM*WVVVNAH.-	20
PLOG+2705	proteomics_log	798757	798801	+	1	40	R.YAVGQGPMWVVVNAH.-	19
PLOG+2706	proteomics_log	803837	803911	+	2	2	R.RRMHCANPVAMTPSRWQFTRHHSR.C	29
PLOG+2707	proteomics_log	804698	804751	+	2	5	R.ILPRSTRLNIAIVLTSSTG.G	22
PLOG+2708	proteomics_log	804779	804844	+	2	3	K.YQPLKWGITFTSLALKRRWIIR.V	26
PLOG+2709	proteomics_log	808585	808662	+	1	103	R.WTLSQVTELFKPLDLLFEAQQVHR.Q	30
PLOG+2710	proteomics_log	808789	808824	+	1	8	R.LMEVEQVLESAR.K	16

PLOG+2711	proteomics_log	808891	808929	+	1	2	R.DM*PYLEQM*VQGVK.A	19
PLOG+2712	proteomics_log	808990	809070	+	1	18	R.LANAGLDYYNHNLDTSPFYGNIITTR.T	31
PLOG+2713	proteomics_log	809173	809244	+	1	11	R.AGLLLQLANLPTPPESVPINMLVK.V	28
PLOG+2714	proteomics_log	809245	809301	+	1	6	K.VKGTPLADNDDVDAFD FIR.T	23
PLOG+2715	proteomics_log	809251	809301	+	1	6	K.GTPLADNDDVDAFD FIR.T	21
PLOG+2716	proteomics_log	809548	809604	+	1	2	R.LEQALMTPDTDEYYNAAAL.-	23
PLOG+2717	proteomics_log	809548	809604	+	1	2	R.LEQALM*TPDTDEYYNAAAL.-	24
PLOG+2718	proteomics_log	810681	810755	+	3	3	R.LRLTLTAAHEMQDIDRLLEVLHGNG.-	29
PLOG+2719	proteomics_log	811592	811630	+	2	4	R.TAGYKPVASGSEK.T	17
PLOG+2720	proteomics_log	812075	812146	+	2	2	R.M*IPAPLLGEIPWLAENPENAATGK.Y	29
PLOG+2721	proteomics_log	812075	812167	+	2	37	R.MIPAPLLGEIPWLAENPENAATGKYINLALL.-	35
PLOG+2722	proteomics_log	812075	812146	+	2	39	R.MIPAPLLGEIPWLAENPENAATGK.Y	28
PLOG+2723	proteomics_log	814228	814269	+	1	2	R.LGEFDVLVGINLLR.E	18
PLOG+2724	proteomics_log	814525	814563	+	1	4	K.VVDILALGQNI AK.T	17
PLOG+2725	proteomics_log	817281	817313	+	3	61	M.SQVSTEFIPTR.I	15
PLOG+2726	proteomics_log	817314	817340	+	3	31	R.IAILTVSNR.R	13
PLOG+2727	proteomics_log	817341	817379	+	3	6	R.RGEEDDTSGHYLR.D	17
PLOG+2728	proteomics_log	817380	817439	+	3	6	R.DSAQEAGHHVVDKAI VKENR.Y	24
PLOG+2729	proteomics_log	817380	817418	+	3	10	R.DSAQEAGHHVVDK.A	17
PLOG+2730	proteomics_log	817599	817643	+	3	2	R.M*LSFEEIGTSTLQSR.A	20
PLOG+2731	proteomics_log	817599	817643	+	3	35	R.MLSFEEIGTSTLQSR.A	19
PLOG+2732	proteomics_log	817644	817667	+	3	13	R.AVAGVANK.T	12
PLOG+2733	proteomics_log	817644	817700	+	3	36	R.AVAGVANKTLIFAMPGSTK.A	23
PLOG+2734	proteomics_log	817668	817700	+	3	34	K.TLIFAMPGSTK.A	15
PLOG+2735	proteomics_log	817710	817751	+	3	59	R.TAWENIIAPQLDAR.T	18
PLOG+2736	proteomics_log	817796	817855	+	2	6	M.SQLTHINAAGEAHMVDVSAK.A	24
PLOG+2737	proteomics_log	817904	817969	+	2	2	R.SETLAMIIDGRHHKGDVFATAR.I	26
PLOG+2738	proteomics_log	817904	817969	+	2	2	R.SETLAM*IIDGRHHKGDVFATAR.I	27
PLOG+2739	proteomics_log	817904	817936	+	2	4	R.SETLAMIIDGR.H	15
PLOG+2740	proteomics_log	817970	817996	+	2	5	R.IAGIQA AKR.T	13
PLOG+2741	proteomics_log	818186	818221	+	2	5	K.AVQKDMVIGPVR.L	16
PLOG+2742	proteomics_log	818234	818275	+	2	3	K.SGGKSGDFKVEADD.-	18
PLOG+2743	proteomics_log	818304	818366	+	3	5	R.ELVGTDATEVAADFPTVEALR.Q	25
PLOG+2744	proteomics_log	818770	818829	+	1	5	R.IGELWPGDEIVFVGVTSAHR.S	24
PLOG+2745	proteomics_log	818830	818874	+	1	10	R.SSAFEAGQFIMDYLK.T	19
PLOG+2746	proteomics_log	821744	821785	+	2	112	F.QFLPDPAPPLSVVR.A	18
PLOG+2747	proteomics_log	830098	830136	+	1	2	M.SFDSLGLSPDILR.A	17
PLOG+2748	proteomics_log	830212	830247	+	1	2	R.DLM*ASAQTGTGK.T	17
PLOG+2749	proteomics_log	830500	830574	+	1	2	R.LLDLEHQNAVKLDQVEILVLDEADR.M	29
PLOG+2750	proteomics_log	831016	831090	+	1	4	R.GLDIEELPHVVNYELPNVPEDYVHR.I	29
PLOG+2751	proteomics_log	834549	834620	+	3	16	R.GLYAHMLNGEVPDLELGGVLI ALR.I	28
PLOG+2752	proteomics_log	834840	834911	+	3	2	R.VLTETIFELMGITPTLHGGQAQAK.L	28
PLOG+2753	proteomics_log	835029	835064	+	3	2	K.LATPFAEGEALR.L	16
PLOG+2754	proteomics_log	835029	835100	+	3	3	K.LATPFAEGEALRLSSVSHPEYIGR.V	28
PLOG+2755	proteomics_log	835065	835100	+	3	2	R.LSSVSHPEYIGR.V	16
PLOG+2756	proteomics_log	835574	835636	+	2	9	T.M*ESGHRFDAQTLHSFIQAVFR.Q	26

PLOG+2757	proteomics_log	835574	835636	+	2	45	T.MESGHRFDAQTLHSFIQAVFR.Q	25
PLOG+2758	proteomics_log	835592	835636	+	2	40	R.FDAQTLHSFIQAVFR.Q	19
PLOG+2759	proteomics_log	835664	835747	+	2	5	A.KLVADHLIAANLAGHDSHGIGMIPSYVR.S	32
PLOG+2760	proteomics_log	835667	835747	+	2	39	K.LVADHLIAANLAGHDSHGIGMIPSYVR.S	31
PLOG+2761	proteomics_log	836087	836143	+	2	15	R.KDNFPLLLDYATSAIAFGK.T	23
PLOG+2762	proteomics_log	839921	839941	+	2	3	R.RWGRIAR.Q	11
PLOG+2763	proteomics_log	844329	844355	+	3	2	M.RGAGDIAIK.L	13
PLOG+2764	proteomics_log	849742	849801	+	1	8	A.ATSTVTGGYAQSDAQGQM*NK.M	25
PLOG+2765	proteomics_log	849742	849801	+	1	97	A.ATSTVTGGYAQSDAQGQMNK.M	24
PLOG+2766	proteomics_log	849802	849828	+	1	8	K.MGGFNLYR.Y	13
PLOG+2767	proteomics_log	849802	849885	+	1	9	K.MGGFNLYRYEEDNSPLGVIGSFTYTEK.S	32
PLOG+2768	proteomics_log	849823	849891	+	1	2	K.YRYEEDNSPLGVIGSFTYTEKSR.T	27
PLOG+2769	proteomics_log	849823	849885	+	1	21	K.YRYEEDNSPLGVIGSFTYTEK.S	25
PLOG+2770	proteomics_log	849829	849885	+	1	35	R.YEEDNSPLGVIGSFTYTEK.S	23
PLOG+2771	proteomics_log	849886	849957	+	1	3	K.SRTASSGDYNKNQYYGITAGPAYR.I	28
PLOG+2772	proteomics_log	849892	849957	+	1	24	R.TASSGDYNKNQYYGITAGPAYR.I	26
PLOG+2773	proteomics_log	849958	850008	+	1	3	R.INDWASIYGVVGVGYGK.F	21
PLOG+2774	proteomics_log	850135	850185	+	1	8	R.IRSVDVGTWIAGVGYRF.-	21
PLOG+2775	proteomics_log	850141	850182	+	1	2	R.SVDVGTWIAGVGYR.F	18
PLOG+2776	proteomics_log	850141	850185	+	1	136	R.SVDVGTWIAGVGYRF.-	19
PLOG+2777	proteomics_log	852439	852495	+	1	3	K.KVTQLVNVEEHVEGFRQVR.E	23
PLOG+2778	proteomics_log	852511	852573	+	1	4	R.ELIDDYVELISDLIREVGEAR.Q	25
PLOG+2779	proteomics_log	852511	852555	+	1	15	R.ELIDDYVELISDLIR.E	19
PLOG+2780	proteomics_log	855201	855254	+	3	4	S.NVTM*QFGSKPLFENISVK.F	23
PLOG+2781	proteomics_log	855255	855320	+	3	2	K.FGGGNRYGLIGANGSGKSTFM*K.I	27
PLOG+2782	proteomics_log	855321	855380	+	3	4	K.ILGGDLEPTLGNVSLDPNER.I	24
PLOG+2783	proteomics_log	855675	855761	+	3	14	R.VLLAQALFADPDILLLDEPTNLDIDTIR.W	33
PLOG+2784	proteomics_log	855963	855998	+	3	4	K.AQIAELQSFVSR.F	16
PLOG+2785	proteomics_log	855973	856044	+	1	7	L.LSCNLSLAALAPTPRNLARQLRAR.A	28
PLOG+2786	proteomics_log	856041	856091	+	3	2	R.ARQIDKIKLEEVKASSR.Q	21
PLOG+2787	proteomics_log	856137	856193	+	3	2	R.NALEVEGLTKGFDNGPLFK.N	23
PLOG+2788	proteomics_log	856194	856226	+	3	3	K.NLNLLLEVGEK.L	15
PLOG+2789	proteomics_log	856458	856496	+	3	2	R.LLFSQDDIKKPAK.V	17
PLOG+2790	proteomics_log	856722	856760	+	3	5	R.VIDFSGNYEDYLR.S	17
PLOG+2791	proteomics_log	859478	859570	+	2	2	R.DTHYQIAILIGM*FFRIQQRFAGNDVVLNMPA.F	36
PLOG+2792	proteomics_log	863030	863086	+	2	2	R.LFAQVMATTAEGMVNDALK.L	23
PLOG+2793	proteomics_log	863030	863092	+	2	3	R.LFAQVMATTAEGMVNDALKLR.S	25
PLOG+2794	proteomics_log	865342	865371	+	1	3	T.GKGFTGNGQR.L	14
PLOG+2795	proteomics_log	865794	865841	+	3	6	M.GKAVIAIHGGAGAISR.A	20
PLOG+2796	proteomics_log	865872	865964	+	3	4	R.YIEALSAIVETGQKMLEAGESALDVVTEAVR.L	35
PLOG+2797	proteomics_log	865914	865964	+	3	7	K.MLEAGESALDVVTEAVR.L	21
PLOG+2798	proteomics_log	866070	866123	+	3	3	K.AGAVAGVSHLRNPVLAAR.L	22
PLOG+2799	proteomics_log	866124	866192	+	3	2	R.LVMEQSPHVMMIGEGAENFAFAR.G	27
PLOG+2800	proteomics_log	867049	867138	+	1	2	R.GADMAMIFQEPMTSLNPVFTVGEQIAESIR.L	34
PLOG+2801	proteomics_log	868712	868801	+	2	23	A.AKDVVAVGSNFTTLDPYDANDTLSQAVAK.S	34
PLOG+2802	proteomics_log	868802	868843	+	2	7	K.SFYQGLFGLDKEMK.L	18

PLOG+2803	proteomics_log	868979	869008	+	2	2	R.ASDPANHLKR.Y	14
PLOG+2804	proteomics_log	869036	869065	+	2	3	K.TEADPTTVK.I	14
PLOG+2805	proteomics_log	869066	869152	+	2	16	K.ITLKQPFSAFINILAHPATAMISPAALEK.Y	33
PLOG+2806	proteomics_log	869396	869440	+	2	2	K.NKNIELMASPSIMQR.Y	19
PLOG+2807	proteomics_log	869492	869533	+	2	14	R.EALNYAINRPALVK.V	18
PLOG+2808	proteomics_log	869720	869764	+	2	8	K.VLQFTQQQLAQVGIK.A	19
PLOG+2809	proteomics_log	869765	869797	+	2	5	K.AQVTAM*DAGQR.A	16
PLOG+2810	proteomics_log	869765	869797	+	2	21	K.AQVTAMDAGQR.A	15
PLOG+2811	proteomics_log	869798	869842	+	2	25	R.AAEVEGKGQKESGVR.M	19
PLOG+2812	proteomics_log	870020	870085	+	2	2	R.LYKAAQDIIWQESPWIPLVVEK.L	26
PLOG+2813	proteomics_log	870029	870085	+	2	8	K.AAQDIIWQESPWIPLVVEK.L	23
PLOG+2814	proteomics_log	870107	870169	+	2	2	K.NLTGFWM*PDTGFSFEDADLQ.-	26
PLOG+2815	proteomics_log	875419	875463	+	1	2	K.LYSM*YNSAFLLDLTK.A	20
PLOG+2816	proteomics_log	880031	880069	+	2	66	A.AEQTVEAPSV DAR.A	17
PLOG+2817	proteomics_log	880070	880102	+	2	8	R.AWILMDYASGK.V	15
PLOG+2818	proteomics_log	880103	880156	+	2	3	K.VLAEGNADEKLDPASLTK.I	22
PLOG+2819	proteomics_log	880430	880504	+	2	47	K.KLGLTNTTFQTVHGLDAPGQFSTAR.D	29
PLOG+2820	proteomics_log	880433	880504	+	2	7	K.LGLTNTTFQTVHGLDAPGQFSTAR.D	28
PLOG+2821	proteomics_log	880526	880591	+	2	2	K.ALIHDVPEEYAIHKEKEFTFNK.I	26
PLOG+2822	proteomics_log	880616	880654	+	2	2	R.LLWSSNLNVDGMK.T	17
PLOG+2823	proteomics_log	880799	880852	+	2	3	R.FFETVTPIKPDATFVTQR.V	22
PLOG+2824	proteomics_log	885900	885935	+	3	3	N.TYQQQLDIAIKR.Y	16
PLOG+2825	proteomics_log	891061	891108	+	1	4	R.TIIKESRPFILDYLHK.Q	20
PLOG+2826	proteomics_log	891349	891381	+	1	2	R.KLPHFDAVIPR.I	15
PLOG+2827	proteomics_log	893097	893174	+	3	8	K.TLHIYNWSDYIAPDTVANFEKETGIK.V	30
PLOG+2828	proteomics_log	893175	893219	+	3	5	K.VVYDVFDSNEVLEGG.L	19
PLOG+2829	proteomics_log	893220	893279	+	3	4	K.LM*AGSTGFDLVVPSASFLE.R.Q	25
PLOG+2830	proteomics_log	893220	893279	+	3	73	K.LMAGSTGFDLVVPSASFLE.R.Q	24
PLOG+2831	proteomics_log	893280	893336	+	3	4	R.QLTAGVFQPLDKSKLPEWK.N	23
PLOG+2832	proteomics_log	893280	893315	+	3	11	R.QLTAGVFQPLDK.S	16
PLOG+2833	proteomics_log	893361	893390	+	3	2	K.LVAKHDPDNK.F	14
PLOG+2834	proteomics_log	893451	893525	+	3	9	K.AVLGENAPVDSWDLILKPENLEK.L.S	29
PLOG+2835	proteomics_log	893451	893519	+	3	27	K.AVLGENAPVDSWDLILKPENLEK.L	27
PLOG+2836	proteomics_log	893613	893654	+	3	4	K.ADDYTGPATDLLLL.L	18
PLOG+2837	proteomics_log	893784	893816	+	3	5	K.NGVNVFSFSIPK.E	15
PLOG+2838	proteomics_log	893817	893867	+	3	20	K.EGAMAFFDVFAMPADAK.N	21
PLOG+2839	proteomics_log	893868	893963	+	3	7	K.NKDEAYQFLNYLLRPDVVAHISDHVFYANANK.A	36
PLOG+2840	proteomics_log	893964	893996	+	3	2	K.AATPLVSAEVR.E	15
PLOG+2841	proteomics_log	893964	894032	+	3	4	K.AATPLVSAEVRNPGIYPPADVR.A	27
PLOG+2842	proteomics_log	893997	894032	+	3	9	R.ENPGIYPPADVR.A	16
PLOG+2843	proteomics_log	894775	894807	+	1	7	R.MQLEVVDILR.V	15
PLOG+2844	proteomics_log	903915	903953	+	3	3	R.DFFAGIRDIVGGR.S	17
PLOG+2845	proteomics_log	903954	903980	+	3	2	R.SGAYEKELR.K	13
PLOG+2846	proteomics_log	903990	904025	+	3	25	R.EIAFEELGSQAR.A	16
PLOG+2847	proteomics_log	916152	916238	+	3	9	R.LM*PVLRLRDARFMRRIRNGTVPNVPNVEV.T	34
PLOG+2848	proteomics_log	918875	918925	+	2	2	K.AVSQQDLDTAATEM*AVK.Q	22

PLOG+2849	proteomics_log	919328	919369	+	2	5	L.DMTAQVHIQLTDVK.N	18
PLOG+2850	proteomics_log	922550	922609	+	2	2	R.HEFMTVEHLLALLSNPSAR.E	24
PLOG+2851	proteomics_log	922991	923029	+	2	10	R.MENFTTNLNQLAR.V	17
PLOG+2852	proteomics_log	923030	923059	+	2	4	R.VGGIDPLIGR.E	14
PLOG+2853	proteomics_log	923504	923578	+	2	8	R.RFQKIDITEPSIEETVQIINGLKP.K.Y	29
PLOG+2854	proteomics_log	923648	923710	+	2	4	K.YINDRHLPDKAIDVIDEAGAR.A	25
PLOG+2855	proteomics_log	923663	923710	+	2	4	R.HLPDKAIDVIDEAGAR.A	20
PLOG+2856	proteomics_log	923738	923782	+	2	7	R.KKTVNVADIESVVAR.I	19
PLOG+2857	proteomics_log	923744	923782	+	2	33	K.TVNVADIESVVAR.I	17
PLOG+2858	proteomics_log	923804	923836	+	2	2	K.SVSQSDRDTLK.N	15
PLOG+2859	proteomics_log	923858	923911	+	2	15	K.MLVFGQDKAIEALTEAIK.M	22
PLOG+2860	proteomics_log	923858	923920	+	2	76	K.MLVFGQDKAIEALTEAIKMAR.A	25
PLOG+2861	proteomics_log	923921	924016	+	2	2	R.AGLGHEHKPVGSFLFAGPTGVGKTEVTVQLSK.A	36
PLOG+2862	proteomics_log	924017	924040	+	2	3	K.ALGIELLR.F	12
PLOG+2863	proteomics_log	924332	924409	+	2	5	K.SIGLIHQDNSTDAMEEIKKIFTPEFR.N	30
PLOG+2864	proteomics_log	924410	924514	+	2	14	R.NRLDNIIWFDHLSTDVIHQVVDKFIVELQVQLDQK.G	39
PLOG+2865	proteomics_log	924416	924514	+	2	3	R.LDNIIWFDHLSTDVIHQVVDKFIVELQVQLDQK.G	37
PLOG+2866	proteomics_log	924515	924547	+	2	5	K.GVSLEVSQEAR.N	15
PLOG+2867	proteomics_log	931869	931901	+	3	13	R.NILNELQKDGR.I	15
PLOG+2868	proteomics_log	931902	931961	+	3	2	R.ISNVELSKRVGLSPTPCLER.V	24
PLOG+2869	proteomics_log	931902	931925	+	3	11	R.ISNVELSK.R	12
PLOG+2870	proteomics_log	931902	931928	+	3	115	R.ISNVELSKR.V	13
PLOG+2871	proteomics_log	931926	931961	+	3	6	K.RVGLSPTPCLER.V	16
PLOG+2872	proteomics_log	931929	931961	+	3	2	R.VGLSPTPCLER.V	15
PLOG+2873	proteomics_log	931980	932069	+	3	246	R.QGFIQGYTALLNPHYLDASLLVFVEITLNR.G	34
PLOG+2874	proteomics_log	932070	932114	+	3	16	R.GAPDVFEQFNTAVQK.L	19
PLOG+2875	proteomics_log	932172	932204	+	3	12	K.TRVPDMSAYRK.L	15
PLOG+2876	proteomics_log	932205	932228	+	3	12	K.LLGETLLR.L	12
PLOG+2877	proteomics_log	932205	932252	+	3	168	K.LLGETLLR.LPGVNDTR.T	20
PLOG+2878	proteomics_log	932253	932279	+	3	3	R.TYVVMEEVK.Q	13
PLOG+2879	proteomics_log	932253	932291	+	3	61	R.TYVVMEEVKQSNR.L	17
PLOG+2880	proteomics_log	934406	934432	+	2	22	R.QFAQTQQQR.Y	13
PLOG+2881	proteomics_log	935522	935608	+	2	2	K.MLELSVYEGIPHLLTEVVTDMKDAANALR.W	33
PLOG+2882	proteomics_log	936658	936684	+	1	3	A.DAASDLKSR.L	13
PLOG+2883	proteomics_log	936658	936726	+	1	5	A.DAASDLKSR.LDKVSSFHASFTQK.V	27
PLOG+2884	proteomics_log	936685	936726	+	1	2	R.LDKVSSFHASFTQK.V	18
PLOG+2885	proteomics_log	936784	936849	+	1	2	K.RPNLFWHMTQPDESILVSDGK.T	26
PLOG+2886	proteomics_log	936850	936903	+	1	23	K.TLWTFYNPFVEQATATWLK.D	22
PLOG+2887	proteomics_log	936850	936942	+	1	58	K.TLWTFYNPFVEQATATWLKDATGNTPFMLIAR.N	35
PLOG+2888	proteomics_log	936904	936942	+	1	3	K.DATGNTPFM*LIAR.N	18
PLOG+2889	proteomics_log	936904	936942	+	1	9	K.DATGNTPFMLIAR.N	17
PLOG+2890	proteomics_log	936943	937011	+	1	11	R.NQSSDWQQYNIKQNGDDFVLTQK.A	27
PLOG+2891	proteomics_log	937012	937056	+	1	4	K.ASNGNLKQFTINVGR.D	19
PLOG+2892	proteomics_log	937057	937104	+	1	2	R.DGTIHQFSAVEQDDQR.S	20
PLOG+2893	proteomics_log	937123	937155	+	1	26	K.SQQNGAVDAAK.F	15
PLOG+2894	proteomics_log	937156	937200	+	1	2	K.FTFTPPQGVTVDDQR.K	19

PLOG+2895	proteomics_log	937274	937345	+	2	2	R.M*RPENLAQYIGQQHLLAAGKPLPR.A	29
PLOG+2896	proteomics_log	938651	938674	+	2	2	S.MLDPNLLR.N	12
PLOG+2897	proteomics_log	938651	938710	+	2	88	S.MLDPNLLRNEPDAVAEKLAR.R	24
PLOG+2898	proteomics_log	938675	938710	+	2	137	R.NEPDAVAEKLAR.R	16
PLOG+2899	proteomics_log	938711	938758	+	2	134	R.RGFKLDVDKLGALAEER.R	20
PLOG+2900	proteomics_log	938714	938758	+	2	18	R.GFKLDVDKLGALAEER.R	19
PLOG+2901	proteomics_log	938759	938803	+	2	27	R.RKVLQVKTENLQAER.N	19
PLOG+2902	proteomics_log	938762	938803	+	2	4	R.KVLQVKTENLQAER.N	18
PLOG+2903	proteomics_log	938765	938803	+	2	31	K.VLQVKTENLQAER.N	17
PLOG+2904	proteomics_log	938780	938812	+	2	4	K.TENLQAERNR.S	15
PLOG+2905	proteomics_log	938780	938803	+	2	8	K.TENLQAER.N	12
PLOG+2906	proteomics_log	938813	938842	+	2	16	R.SKSIGQAKAR.G	14
PLOG+2907	proteomics_log	938837	938908	+	2	2	K.ARGEDIEPLRLEVNKLGEELDAAK.A	28
PLOG+2908	proteomics_log	938837	938941	+	2	20	K.ARGEDIEPLRLEVNKLGEELDAAKAELDALQAEIR.D	39
PLOG+2909	proteomics_log	938843	938941	+	2	45	R.GEDIEPLRLEVNKLGEELDAAKAELDALQAEIR.D	37
PLOG+2910	proteomics_log	938882	938908	+	2	2	K.LGEELDAAK.A	13
PLOG+2911	proteomics_log	938882	938941	+	2	2	K.LGEELDAAKAELDALQAEIR.D	24
PLOG+2912	proteomics_log	938942	939025	+	2	2	R.DIALTIPNLPADDEVVPGKDENDNVEVSR.W	32
PLOG+2913	proteomics_log	938996	939025	+	2	3	K.DENDNVEVSR.W	14
PLOG+2914	proteomics_log	939062	939118	+	2	2	R.DHVTLGEM*HSGLDFAAAVK.L	24
PLOG+2915	proteomics_log	939134	939163	+	2	85	R.FVVMKGQIAR.M	14
PLOG+2916	proteomics_log	939173	939286	+	2	4	R.ALSQFMLDLHTEQHGYSENYVPYLVNQDITYGTGQLPK.F	42
PLOG+2917	proteomics_log	939287	939391	+	2	108	K.FAGDLFHTRPLEEEADTSNYALIPTAEVPLTNLVR.G	39
PLOG+2918	proteomics_log	939392	939427	+	2	4	R.GEIIDEDDLPIK.M	16
PLOG+2919	proteomics_log	939500	939592	+	2	2	R.MHQFDKQVEMVQIVRPEDSMAALEEMTGHAEK.V	35
PLOG+2920	proteomics_log	939554	939667	+	2	2	S.M*AALAEEMTGHAEKVLQLLGLPYRKIILCTGDM*GFGACK.T	44
PLOG+2921	proteomics_log	939593	939622	+	2	7	K.VLQLLGLPYR.K	14
PLOG+2922	proteomics_log	939593	939625	+	2	18	K.VLQLLGLPYRK.I	15
PLOG+2923	proteomics_log	939668	939712	+	2	8	K.TYDLEVWIPAQNTYR.E	19
PLOG+2924	proteomics_log	939800	939841	+	2	391	R.LVHTLNGSGLAVGR.T	18
PLOG+2925	proteomics_log	939842	939940	+	2	11	R.TLVAVMENYQQADGRIEVEVLRPYMNGLEYIG.-	37
PLOG+2926	proteomics_log	939842	939886	+	2	70	R.TLVAVMENYQQADGR.I	19
PLOG+2927	proteomics_log	939887	939940	+	2	2	R.IEVPEVLRPYM*NGLEYIG.-	23
PLOG+2928	proteomics_log	939887	939940	+	2	54	R.IEVPEVLRPYMNGLEYIG.-	22
PLOG+2929	proteomics_log	940560	940592	+	3	2	R.VGARGEGKFER.I	15
PLOG+2930	proteomics_log	940593	940640	+	3	4	R.ISWEEAYDIIATNMQR.L	20
PLOG+2931	proteomics_log	940691	940768	+	2	3	R.YAGRHHDLLAAGKYPGRAADELLRR.L	30
PLOG+2932	proteomics_log	940920	940961	+	3	4	R.MSGGGVTTYLEQAR.Q	18
PLOG+2933	proteomics_log	942297	942332	+	3	2	R.VHSTYGNVDVLK.A	16
PLOG+2934	proteomics_log	942384	942410	+	3	4	R.GIHNGDKVR.I	13
PLOG+2935	proteomics_log	942462	942518	+	3	2	R.MMPGVVALGEGAWYDPAK.R	23
PLOG+2936	proteomics_log	942582	942623	+	3	2	K.GNPSHTNLVQVEKV.-	18
PLOG+2937	proteomics_log	942640	942675	+	1	16	M.TTQYGGFFIDSSR.C	16
PLOG+2938	proteomics_log	942640	942675	+	1	16	M.TTQYGGFFIDSSR.C	16
PLOG+2939	proteomics_log	943120	943155	+	1	4	K.HGDAAVAPLPR.A	16
PLOG+2940	proteomics_log	948933	948977	+	3	2	R.HDSLTAHIADAIHQR.A	19

PLOG+2941	proteomics_log	952199	952222	+	2	2	H.QVVDTVQR.N	12
PLOG+2942	proteomics_log	954181	954222	+	1	3	D.RYLPVAGRKTPLRR.S	18
PLOG+2943	proteomics_log	956879	957001	+	2	4	M.AQIFNFSSGPAMPLPAEVLKQAQQELRDWNLGTSVM*EVSHR.G	46
PLOG+2944	proteomics_log	956879	957001	+	2	20	M.AQIFNFSSGPAMPLPAEVLKQAQQELRDWNLGTSVM*EVSHR.G	45
PLOG+2945	proteomics_log	956879	956935	+	2	27	M.AQIFNFSSGPAM*LPAEVLK.Q	24
PLOG+2946	proteomics_log	956879	956956	+	2	89	M.AQIFNFSSGPAMPLPAEVLKQAQQELR.D	30
PLOG+2947	proteomics_log	956879	956935	+	2	309	M.AQIFNFSSGPAMPLPAEVLK.Q	23
PLOG+2948	proteomics_log	956936	957001	+	2	157	K.QAQQELRDWNLGTSVM*EVSHR.G	26
PLOG+2949	proteomics_log	956957	957001	+	2	3	R.DWNLGTSVM*EVSHR.G	19
PLOG+2950	proteomics_log	957002	957106	+	2	2	R.GKEFIQVAEEAEKDFRDLLNVPSNYKVLFCGGGR.G	39
PLOG+2951	proteomics_log	957002	957088	+	2	3	R.GKEFIQVAEEAEKDFRDLLNVPSNYKVLFC	33
PLOG+2952	proteomics_log	957002	957049	+	2	16	R.GKEFIQVAEEAEKDFR.D	20
PLOG+2953	proteomics_log	957002	957109	+	2	42	R.GKEFIQVAEEAEKDFRDLLNVPSNYKVLFCGGGR.G	40
PLOG+2954	proteomics_log	957002	957079	+	2	132	R.GKEFIQVAEEAEKDFRDLLNVPSNYK.V	30
PLOG+2955	proteomics_log	957008	957079	+	2	2	K.EFIQVAEEAEKDFRDLLNVPSNYK.V	28
PLOG+2956	proteomics_log	957107	957211	+	2	2	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIKEAK.Y	39
PLOG+2957	proteomics_log	957107	957148	+	2	4	R.GQFAAVPLNILGDK.T	18
PLOG+2958	proteomics_log	957107	957208	+	2	44	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIKEAK.K	38
PLOG+2959	proteomics_log	957107	957199	+	2	85	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIK.E	35
PLOG+2960	proteomics_log	957440	957469	+	2	44	R.YGVYAGAQAQK.N	14
PLOG+2961	proteomics_log	957470	957526	+	2	28	K.NIGPAGLTIVIVREDLLGK.A	23
PLOG+2962	proteomics_log	957647	957691	+	2	2	K.ANGGVAEMDKINQQK.A	19
PLOG+2963	proteomics_log	957692	957760	+	2	2	K.AELLYGVIDNSDFYRNDVAKANR.S	27
PLOG+2964	proteomics_log	957692	957751	+	2	9	K.AELLYGVIDNSDFYRNDVAK.A	24
PLOG+2965	proteomics_log	957692	957736	+	2	44	K.AELLYGVIDNSDFYR.N	19
PLOG+2966	proteomics_log	957761	957862	+	2	5	R.SRM*NVPFQLADSALDKLFLEESFAAGLHALKGHR.V	39
PLOG+2967	proteomics_log	957761	957853	+	2	6	R.SRM*NVPFQLADSALDKLFLEESFAAGLHALK.G	36
PLOG+2968	proteomics_log	957761	957853	+	2	19	R.SRMNVPFQLADSALDKLFLEESFAAGLHALK.G	35
PLOG+2969	proteomics_log	957761	957862	+	2	19	R.SRMNVPFQLADSALDKLFLEESFAAGLHALKGHR.V	38
PLOG+2970	proteomics_log	957767	957814	+	2	2	R.M*NVPFQLADSALDKLF.L	21
PLOG+2971	proteomics_log	957767	957880	+	2	4	R.MNVPFQLADSALDKLFLEESFAAGLHALKGHRVVGGM*R.A	43
PLOG+2972	proteomics_log	957767	957880	+	2	5	R.M*NVPFQLADSALDKLFLEESFAAGLHALKGHRVVGGM.R.A	43
PLOG+2973	proteomics_log	957767	957880	+	2	4	R.M*NVPFQLADSALDKLFLEESFAAGLHALKGHRVVGGM*R.A	44
PLOG+2974	proteomics_log	957767	957808	+	2	9	R.MNVPFQLADSALDK.L	18
PLOG+2975	proteomics_log	957767	957880	+	2	16	R.MNVPFQLADSALDKLFLEESFAAGLHALKGHRVVGGM.R.A	42
PLOG+2976	proteomics_log	957767	957853	+	2	23	R.M*NVPFQLADSALDKLFLEESFAAGLHALK.G	34
PLOG+2977	proteomics_log	957767	957862	+	2	36	R.M*NVPFQLADSALDKLFLEESFAAGLHALKGHR.V	37
PLOG+2978	proteomics_log	957767	957853	+	2	67	R.MNVPFQLADSALDKLFLEESFAAGLHALK.G	33
PLOG+2979	proteomics_log	957767	957862	+	2	206	R.MNVPFQLADSALDKLFLEESFAAGLHALKGHR.V	36
PLOG+2980	proteomics_log	957794	957862	+	2	9	D.SALDKLFLEESFAAGLHALKGHR.V	27
PLOG+2981	proteomics_log	957863	957952	+	2	4	R.VGGMRASIYNAMPLEGVKALDFMVEFER.R	34
PLOG+2982	proteomics_log	957881	957952	+	2	6	R.ASIYNAM*PLEGVKALDFMVEFER.R	29
PLOG+2983	proteomics_log	957881	957910	+	2	9	R.ASIYNAM*PLE.G	15
PLOG+2984	proteomics_log	957881	957961	+	2	13	R.ASIYNAMPLEGVKALDFMVEFERRHG.-	31
PLOG+2985	proteomics_log	957881	957919	+	2	13	R.ASIYNAM*PLEGVK.A	18
PLOG+2986	proteomics_log	957881	957955	+	2	46	R.ASIYNAMPLEGVKALDFMVEFERR.H	29

PLOG+2987	proteomics_log	957881	957952	+	2	126	R.ASIYNAMPLEGVKALTDPMVEFER.R	28
PLOG+2988	proteomics_log	957881	957919	+	2	204	R.ASIYNAMPLEGVK.A	17
PLOG+2989	proteomics_log	957902	957952	+	2	2	M.PLEGVKALTDPMVEFER.R	21
PLOG+2990	proteomics_log	957920	957952	+	2	3	K.ALTDPM*VEFER.R	16
PLOG+2991	proteomics_log	957920	957955	+	2	13	K.ALTDPMVEFERR.H	16
PLOG+2992	proteomics_log	957920	957952	+	2	184	K.ALTDPMVEFER.R	15
PLOG+2993	proteomics_log	958035	958067	+	3	2	F.M*ESLTLQPIAR.V	16
PLOG+2994	proteomics_log	958035	958067	+	3	44	F.MESLTLQPIAR.V	15
PLOG+2995	proteomics_log	958068	958100	+	3	6	R.VDGTINLPGSK.S	15
PLOG+2996	proteomics_log	958116	958187	+	3	2	R.ALLLAALAHGKTVLTLNLLDSDDDR.H	28
PLOG+2997	proteomics_log	958116	958148	+	3	6	R.ALLLAALAHGK.T	15
PLOG+2998	proteomics_log	958149	958244	+	3	21	K.TVLTLNLLDSDDDRHLNLTALGVSYTLSDR.T	36
PLOG+2999	proteomics_log	958395	958436	+	3	8	R.MKERPIGHLVDALR.L	18
PLOG+3000	proteomics_log	958929	959012	+	3	59	R.GELNAIDMDMNHIPDAAMTIATAALFAK.G	32
PLOG+3001	proteomics_log	959049	959096	+	3	2	R.VKETDRLFAM*ATELRK.V	21
PLOG+3002	proteomics_log	959049	959093	+	3	8	R.VKETDRLFAMATELR.K	19
PLOG+3003	proteomics_log	959049	959096	+	3	33	R.VKETDRLFAMATELRK.V	20
PLOG+3004	proteomics_log	959094	959135	+	3	12	R.KVGAEEVEEGHDYIR.I	18
PLOG+3005	proteomics_log	959097	959135	+	3	14	K.VGAEEVEEGHDYIR.I	17
PLOG+3006	proteomics_log	959136	959192	+	3	2	R.ITPPEKLNFAEIATYNDHR.M	23
PLOG+3007	proteomics_log	959268	959300	+	3	6	K.TFPDYFEQLAR.I	15
PLOG+3008	proteomics_log	960000	960047	+	3	2	L.SRSQLGDIAGAINAK.Y	20
PLOG+3009	proteomics_log	960427	960477	+	1	2	M.TAIAPVITIDGPGAGK.G	21
PLOG+3010	proteomics_log	960493	960546	+	1	15	K.AMAEALQWHLLDSGAIYR.V	22
PLOG+3011	proteomics_log	960547	960633	+	1	94	R.VLALAALHHHVDVASEDALVPLASHLDVR.F	33
PLOG+3012	proteomics_log	960778	960816	+	1	12	R.AFRELPLIADGR.D	17
PLOG+3013	proteomics_log	960817	960855	+	1	2	R.DMGTVVFPDAPVK.I	17
PLOG+3014	proteomics_log	960817	960885	+	1	2	R.DMGTVVFPDAPVKIFLDASSEER.A	27
PLOG+3015	proteomics_log	960817	960855	+	1	2	R.DM*GTVVFPDAPVK.I	18
PLOG+3016	proteomics_log	960988	961086	+	1	3	R.AVAPLVPAADALVLDSTTLSIEQVIEKALQYAR.Q	37
PLOG+3017	proteomics_log	960988	961068	+	1	64	R.AVAPLVPAADALVLDSTTLSIEQVIEK.A	31
PLOG+3018	proteomics_log	961218	961259	+	3	3	N.M*TESFAQLFEESLK.E	19
PLOG+3019	proteomics_log	961218	961259	+	3	46	N.MTESFAQLFEESLK.E	18
PLOG+3020	proteomics_log	961218	961292	+	3	231	N.M*TESFAQLFEESLKEIETRPGSIVR.G	30
PLOG+3021	proteomics_log	961218	961292	+	3	282	N.MTESFAQLFEESLKEIETRPGSIVR.G	29
PLOG+3022	proteomics_log	961221	961259	+	3	4	M.TESFAQLFEESLK.E	17
PLOG+3023	proteomics_log	961221	961292	+	3	246	M.TESFAQLFEESLKEIETRPGSIVR.G	28
PLOG+3024	proteomics_log	961233	961292	+	3	2	F.AQLFEESLKEIETRPGSIVR.G	24
PLOG+3025	proteomics_log	961239	961292	+	3	8	Q.LFEESLKEIETRPGSIVR.G	22
PLOG+3026	proteomics_log	961293	961346	+	3	96	R.GVVVAIDKDVVLVDAGLK.S	22
PLOG+3027	proteomics_log	961293	961379	+	3	272	R.GVVVAIDKDVVLVDAGLKSESAIPAEQFK.N	33
PLOG+3028	proteomics_log	961323	961379	+	3	24	V.VLVDAGLKSESAIPAEQFK.N	23
PLOG+3029	proteomics_log	961347	961475	+	3	2	K.SESAIPAEQFKNAQGELEIQVGDEVDVALDAVEDGFGETLLSR.E	47
PLOG+3030	proteomics_log	961380	961481	+	3	30	K.NAQGELEIQVGDEVDVALDAVEDGFGETLLSREK.A	38
PLOG+3031	proteomics_log	961380	961475	+	3	558	K.NAQGELEIQVGDEVDVALDAVEDGFGETLLSR.E	36
PLOG+3032	proteomics_log	961476	961562	+	3	8	R.EKAKRHEAWITLKEKAYEDAETVTGVINGK.V	33

PLOG+3033	proteomics_log	961482	961568	+	3	23	K.AKRHEAWITLEKAYEDAETVTGVINGKVK.G	33
PLOG+3034	proteomics_log	961482	961562	+	3	59	K.AKRHEAWITLEKAYEDAETVTGVINGK.V	31
PLOG+3035	proteomics_log	961482	961517	+	3	100	K.AKRHEAWITLEK.A	16
PLOG+3036	proteomics_log	961488	961568	+	3	25	K.RHEAWITLEKAYEDAETVTGVINGKVK.G	31
PLOG+3037	proteomics_log	961488	961562	+	3	109	K.RHEAWITLEKAYEDAETVTGVINGK.V	29
PLOG+3038	proteomics_log	961488	961517	+	3	133	K.RHEAWITLEK.A	14
PLOG+3039	proteomics_log	961491	961568	+	3	56	R.HEAWITLEKAYEDAETVTGVINGKVK.G	30
PLOG+3040	proteomics_log	961491	961562	+	3	89	R.HEAWITLEKAYEDAETVTGVINGK.V	28
PLOG+3041	proteomics_log	961491	961517	+	3	111	R.HEAWITLEK.A	13
PLOG+3042	proteomics_log	961518	961601	+	3	5	K.AYEDAETVTGVINGKVKGGFTVELNGIR.A	32
PLOG+3043	proteomics_log	961518	961568	+	3	126	K.AYEDAETVTGVINGKVK.G	21
PLOG+3044	proteomics_log	961518	961562	+	3	347	K.AYEDAETVTGVINGK.V	19
PLOG+3045	proteomics_log	961563	961601	+	3	207	K.VKGGFTVELNGIR.A	17
PLOG+3046	proteomics_log	961569	961601	+	3	253	K.GGFTVELNGIR.A	15
PLOG+3047	proteomics_log	961602	961703	+	3	5	R.AFLPGSLVDVRPVRDTLHLEGKELEFKVIKLDQK.R	38
PLOG+3048	proteomics_log	961602	961706	+	3	13	R.AFLPGSLVDVRPVRDTLHLEGKELEFKVIKLDQKR.N	39
PLOG+3049	proteomics_log	961602	961643	+	3	19	R.AFLPGSLVDVRPVR.D	18
PLOG+3050	proteomics_log	961602	961691	+	3	33	R.AFLPGSLVDVRPVRDTLHLEGKELEFKVIK.L	34
PLOG+3051	proteomics_log	961602	961682	+	3	183	R.AFLPGSLVDVRPVRDTLHLEGKELEFK.V	31
PLOG+3052	proteomics_log	961644	961706	+	3	8	R.DTLHLEGKELEFKVIKLDQKR.N	25
PLOG+3053	proteomics_log	961644	961682	+	3	33	R.DTLHLEGKELEFK.V	17
PLOG+3054	proteomics_log	961668	961706	+	3	16	K.ELEFKVIKLDQKR.N	17
PLOG+3055	proteomics_log	961683	961706	+	3	50	K.VIKLDQKR.N	12
PLOG+3056	proteomics_log	961692	961727	+	3	47	K.LDQKRNNVVVSR.R	16
PLOG+3057	proteomics_log	961704	961727	+	3	71	K.RNNVVVSR.R	12
PLOG+3058	proteomics_log	961707	961727	+	3	16	R.NNVVSR.R	11
PLOG+3059	proteomics_log	961728	961847	+	3	4	R.RAVIESENSAERDQLENLQEGMEVKGIVKNLTDYGAFVD.L	44
PLOG+3060	proteomics_log	961728	961817	+	3	8	R.RAVIESENSAERDQLENLQEGM*EVKGIVK.N	35
PLOG+3061	proteomics_log	961728	961805	+	3	17	R.RAVIESENSAERDQLENLQEGM*EVK.G	31
PLOG+3062	proteomics_log	961728	961763	+	3	57	R.RAVIESENSAER.D	16
PLOG+3063	proteomics_log	961728	961817	+	3	95	R.RAVIESENSAERDQLENLQEGMEVKGIVK.N	34
PLOG+3064	proteomics_log	961728	961805	+	3	205	R.RAVIESENSAERDQLENLQEGMEVK.G	30
PLOG+3065	proteomics_log	961731	961763	+	3	3	R.AVIESENSAER.D	15
PLOG+3066	proteomics_log	961731	961805	+	3	8	R.AVIESENSAERDQLENLQEGM*EVK.G	30
PLOG+3067	proteomics_log	961731	961817	+	3	68	R.AVIESENSAERDQLENLQEGMEVKGIVK.N	33
PLOG+3068	proteomics_log	961731	961805	+	3	114	R.AVIESENSAERDQLENLQEGMEVK.G	29
PLOG+3069	proteomics_log	961764	961805	+	3	11	R.DQLENLQEGM*EVK.G	19
PLOG+3070	proteomics_log	961764	961805	+	3	14	R.DQLENLQEGMEVK.G	18
PLOG+3071	proteomics_log	961770	961898	+	3	12	Q.LLENLQEGMEVKGIVKNLTDYGAFVDLGGVDGLLHITDMAWK.R.V	47
PLOG+3072	proteomics_log	961806	961898	+	3	8	K.GIVKNLTDYGAFVDLGGVDGLLHITDM*AWKR.V	36
PLOG+3073	proteomics_log	961806	961895	+	3	166	K.GIVKNLTDYGAFVDLGGVDGLLHITDMAWK.R	34
PLOG+3074	proteomics_log	961806	961898	+	3	279	K.GIVKNLTDYGAFVDLGGVDGLLHITDMAWK.V	35
PLOG+3075	proteomics_log	961818	961895	+	3	17	K.NLTDYGAFVDLGGVDGLLHITDM*AWK.R	31
PLOG+3076	proteomics_log	961818	961898	+	3	46	K.NLTDYGAFVDLGGVDGLLHITDM*AWKR.V	32
PLOG+3077	proteomics_log	961818	961895	+	3	158	K.NLTDYGAFVDLGGVDGLLHITDMAWK.R	30
PLOG+3078	proteomics_log	961818	961898	+	3	344	K.NLTDYGAFVDLGGVDGLLHITDMAWK.R.V	31

PLOG+3079	proteomics_log	961896	961958	+	3	3	K.RVKHPSEIVNVGDEITVKVLK.F	25
PLOG+3080	proteomics_log	961896	961949	+	3	135	K.RVKHPSEIVNVGDEITVK.V	22
PLOG+3081	proteomics_log	961899	961958	+	3	33	R.VKHPSEIVNVGDEITVKVLK.F	24
PLOG+3082	proteomics_log	961899	961973	+	3	47	R.VKHPSEIVNVGDEITVKVLFDRER.T	29
PLOG+3083	proteomics_log	961899	961949	+	3	449	R.VKHPSEIVNVGDEITVK.V	21
PLOG+3084	proteomics_log	961905	961949	+	3	6	K.HPSEIVNVGDEITVK.V	19
PLOG+3085	proteomics_log	961974	962054	+	3	2	R.TRVSLGLKQLGEDPWVAIAKRYPEGTK.L	31
PLOG+3086	proteomics_log	961974	962033	+	3	78	R.TRVSLGLKQLGEDPWVAIAK.R	24
PLOG+3087	proteomics_log	961980	962054	+	3	2	R.VSLGLKQLGEDPWVAIAKRYPEGTK.L	29
PLOG+3088	proteomics_log	961980	962066	+	3	4	R.VSLGLKQLGEDPWVAIAKRYPEGTKLTGR.V	33
PLOG+3089	proteomics_log	961980	962033	+	3	66	R.VSLGLKQLGEDPWVAIAK.R	22
PLOG+3090	proteomics_log	961995	962033	+	3	35	L.KQLGEDPWVAIAK.R	17
PLOG+3091	proteomics_log	961998	962033	+	3	54	K.QLGEDPWVAIAK.R	16
PLOG+3092	proteomics_log	962034	962066	+	3	7	K.RYPEGTKLTGR.V	15
PLOG+3093	proteomics_log	962160	962237	+	3	6	K.NIHPSKVVNVGDVVEVMVLDIDEERR.R	30
PLOG+3094	proteomics_log	962160	962240	+	3	15	K.NIHPSKVVNVGDVVEVMVLDIDEERRR.I	31
PLOG+3095	proteomics_log	962160	962234	+	3	20	K.NIHPSKVVNVGDVVEVMVLDIDEER.R	29
PLOG+3096	proteomics_log	962178	962234	+	3	2	K.VVNVGDVVEVM*VLDIDEER.R	24
PLOG+3097	proteomics_log	962178	962234	+	3	49	K.VVNVGDVVEVMVLDIDEER.R	23
PLOG+3098	proteomics_log	962178	962240	+	3	54	K.VVNVGDVVEVMVLDIDEERRR.I	25
PLOG+3099	proteomics_log	962241	962267	+	3	2	R.ISLGLKQCK.A	13
PLOG+3100	proteomics_log	962268	962327	+	3	3	K.ANPWQQFAETHNKGDRVEGK.I	24
PLOG+3101	proteomics_log	962334	962447	+	3	9	K.SITDFGIFIGLDGGIDGLVHLSDISWNVAGEEAVREYK.K	42
PLOG+3102	proteomics_log	962334	962438	+	3	132	K.SITDFGIFIGLDGGIDGLVHLSDISWNVAGEEAVR.E	39
PLOG+3103	proteomics_log	962439	962501	+	3	2	R.EYKKGDEIAAVVLQVDAERER.I	25
PLOG+3104	proteomics_log	962448	962495	+	3	17	K.KGDEIAAVVLQVDAER.E	20
PLOG+3105	proteomics_log	962448	962501	+	3	167	K.KGDEIAAVVLQVDAERER.I	22
PLOG+3106	proteomics_log	962502	962609	+	3	12	R.ISLGVKQLAEDPFNNWVALNKKGAIVTGKVTAVDAK.G	40
PLOG+3107	proteomics_log	962502	962567	+	3	29	R.ISLGVKQLAEDPFNNWVALNKK.G	26
PLOG+3108	proteomics_log	962502	962564	+	3	45	R.ISLGVKQLAEDPFNNWVALNK.K	25
PLOG+3109	proteomics_log	962502	962588	+	3	138	R.ISLGVKQLAEDPFNNWVALNKKGAIVTGK.V	33
PLOG+3110	proteomics_log	962520	962588	+	3	9	K.QLAEDPFNNWVALNKKGAIVTGK.V	27
PLOG+3111	proteomics_log	962520	962609	+	3	58	K.QLAEDPFNNWVALNKKGAIVTGKVTAVDAK.G	34
PLOG+3112	proteomics_log	962520	962567	+	3	68	K.QLAEDPFNNWVALNKK.G	20
PLOG+3113	proteomics_log	962520	962564	+	3	198	K.QLAEDPFNNWVALNK.K	19
PLOG+3114	proteomics_log	962532	962588	+	3	34	E.DPFNNWVALNKKGAIVTGK.V	23
PLOG+3115	proteomics_log	962565	962654	+	3	9	K.KGAIVTGKVTAVDAKGATVELADGVEGYLR.A	34
PLOG+3116	proteomics_log	962565	962588	+	3	16	K.KGAIVTGK.V	12
PLOG+3117	proteomics_log	962565	962609	+	3	71	K.KGAIVTGKVTAVDAK.G	19
PLOG+3118	proteomics_log	962568	962588	+	3	2	K.GAIVTGK.V	11
PLOG+3119	proteomics_log	962568	962609	+	3	119	K.GAIVTGKVTAVDAK.G	18
PLOG+3120	proteomics_log	962568	962654	+	3	119	K.GAIVTGKVTAVDAKGATVELADGVEGYLR.A	33
PLOG+3121	proteomics_log	962589	962672	+	3	7	K.VTAVDAKGATVELADGVEGYLRASEASR.D	32
PLOG+3122	proteomics_log	962589	962654	+	3	52	K.VTAVDAKGATVELADGVEGYLR.A	26
PLOG+3123	proteomics_log	962589	962609	+	3	121	K.VTAVDAK.G	11
PLOG+3124	proteomics_log	962610	962672	+	3	16	K.GATVELADGVEGYLRASEASR.D	25

PLOG+3125	proteomics_log	962610	962654	+	3	549	K.GATVELADGVEGYLR.A	19
PLOG+3126	proteomics_log	962655	962747	+	3	2	R.ASEASRDRVEDATLVLSVGDEVEAKFTGVDR.K	35
PLOG+3127	proteomics_log	962655	962756	+	3	27	R.ASEASRDRVEDATLVLSVGDEVEAKFTGVDRKNR.A	38
PLOG+3128	proteomics_log	962655	962750	+	3	136	R.ASEASRDRVEDATLVLSVGDEVEAKFTGVDRK.N	36
PLOG+3129	proteomics_log	962655	962729	+	3	249	R.ASEASRDRVEDATLVLSVGDEVEAK.F	29
PLOG+3130	proteomics_log	962673	962747	+	3	6	R.DRVEDATLVLSVGDEVEAKFTGVDR.K	29
PLOG+3131	proteomics_log	962673	962756	+	3	15	R.DRVEDATLVLSVGDEVEAKFTGVDRKNR.A	32
PLOG+3132	proteomics_log	962673	962729	+	3	51	R.DRVEDATLVLSVGDEVEAK.F	23
PLOG+3133	proteomics_log	962673	962750	+	3	157	R.DRVEDATLVLSVGDEVEAKFTGVDRK.N	30
PLOG+3134	proteomics_log	962679	962750	+	3	3	R.VEDATLVLSVGDEVEAKFTGVDRK.N	28
PLOG+3135	proteomics_log	962679	962729	+	3	9	R.VEDATLVLSVGDEVEAK.F	21
PLOG+3136	proteomics_log	962730	962747	+	3	2	K.FTGVDR.K	10
PLOG+3137	proteomics_log	962730	962756	+	3	4	K.FTGVDRKNR.A	13
PLOG+3138	proteomics_log	962751	962777	+	3	54	K.NRAISLSVR.A	13
PLOG+3139	proteomics_log	962778	962882	+	3	4	R.AKDEADEKDAIATVKNQEDANFSNNAM*AEAFKAAK.G	40
PLOG+3140	proteomics_log	962778	962858	+	3	5	R.AKDEADEKDAIATVKNQEDANFSNNAM*.A	32
PLOG+3141	proteomics_log	962778	962873	+	3	5	R.AKDEADEKDAIATVKNQEDANFSNNAM*AEAFK.A	37
PLOG+3142	proteomics_log	962778	962825	+	3	11	R.AKDEADEKDAIATVKNK.Q	20
PLOG+3143	proteomics_log	962778	962888	+	3	12	R.AKDEADEKDAIATVKNQEDANFSNNAM*AEAFKAAKGE.-	42
PLOG+3144	proteomics_log	962778	962882	+	3	13	R.AKDEADEKDAIATVKNQEDANFSNNAMAEAFKAAK.G	39
PLOG+3145	proteomics_log	962778	962888	+	3	137	R.AKDEADEKDAIATVKNQEDANFSNNAMAEAFKAAKGE.-	41
PLOG+3146	proteomics_log	962778	962873	+	3	188	R.AKDEADEKDAIATVKNQEDANFSNNAMAEAFK.A	36
PLOG+3147	proteomics_log	962826	962873	+	3	3	K.QEDANFSNNAMAEAFK.A	20
PLOG+3148	proteomics_log	963051	963077	+	3	19	I.M*TKSELIER.L	14
PLOG+3149	proteomics_log	963051	963077	+	3	118	I.MTKSELIER.L	13
PLOG+3150	proteomics_log	963060	963077	+	3	2	K.SELIER.L	10
PLOG+3151	proteomics_log	963078	963188	+	3	3	R.LATQQSHIPAKTVEDAVKEM*LEHM*ASTLAQGERIEIR.G	43
PLOG+3152	proteomics_log	963078	963188	+	3	4	R.LATQQSHIPAKTVEDAVKEMLEHM*ASTLAQGERIEIR.G	42
PLOG+3153	proteomics_log	963078	963188	+	3	8	R.LATQQSHIPAKTVEDAVKEM*LEHMASTLAQGERIEIR.G	42
PLOG+3154	proteomics_log	963078	963131	+	3	8	R.LATQQSHIPAKTVEDAVK.E	22
PLOG+3155	proteomics_log	963078	963176	+	3	9	R.LATQQSHIPAKTVEDAVKEMLEHM*ASTLAQGER.I	38
PLOG+3156	proteomics_log	963078	963176	+	3	9	R.LATQQSHIPAKTVEDAVKEM*LEHM*ASTLAQGER.I	39
PLOG+3157	proteomics_log	963078	963176	+	3	17	R.LATQQSHIPAKTVEDAVKEM*LEHMASTLAQGER.I	38
PLOG+3158	proteomics_log	963078	963110	+	3	64	R.LATQQSHIPAK.T	15
PLOG+3159	proteomics_log	963078	963188	+	3	81	R.LATQQSHIPAKTVEDAVKEMLEHMASTLAQGERIEIR.G	41
PLOG+3160	proteomics_log	963078	963176	+	3	291	R.LATQQSHIPAKTVEDAVKEMLEHMASTLAQGER.I	37
PLOG+3161	proteomics_log	963111	963176	+	3	2	K.TVEDAVKEMLEHM*ASTLAQGER.I	27
PLOG+3162	proteomics_log	963111	963188	+	3	2	K.TVEDAVKEM*LEHMASTLAQGERIEIR.G	31
PLOG+3163	proteomics_log	963111	963176	+	3	3	K.TVEDAVKEM*LEHMASTLAQGER.I	27
PLOG+3164	proteomics_log	963111	963188	+	3	41	K.TVEDAVKEMLEHMASTLAQGERIEIR.G	30
PLOG+3165	proteomics_log	963111	963176	+	3	205	K.TVEDAVKEMLEHMASTLAQGER.I	26
PLOG+3166	proteomics_log	963132	963176	+	3	4	K.EMLEHMASTLAQGER.I	19
PLOG+3167	proteomics_log	963189	963227	+	3	3	R.GFGSFLHYRAPR.T	17
PLOG+3168	proteomics_log	963189	963218	+	3	125	R.GFGSFLHYR.A	14
PLOG+3169	proteomics_log	963195	963218	+	3	2	F.GSFLHYR.A	12
PLOG+3170	proteomics_log	963228	963275	+	3	84	R.TGRNPKTGDKVELEGK.Y	20

PLOG+3171	proteomics_log	963246	963275	+	3	24	K.TGDKVELEGK.Y	14
PLOG+3172	proteomics_log	965169	965231	+	3	6	W.LHWHNLEPEGVILSHEHLDR.G	25
PLOG+3173	proteomics_log	966924	966974	+	3	2	R.NINLKIPAGKTVALVGR.S	21
PLOG+3174	proteomics_log	966975	967016	+	3	6	R.SGSGKSTIASLITR.F	18
PLOG+3175	proteomics_log	966990	967016	+	3	2	K.STIASLITR.F	13
PLOG+3176	proteomics_log	967092	967166	+	3	13	R.NQVALVSQNVHLFNDTVANNIAYAR.T	29
PLOG+3177	proteomics_log	967323	967427	+	3	4	R.ALLRDSPILILDEATSALDTESERAIQAALDELQK.N	39
PLOG+3178	proteomics_log	967323	967394	+	3	12	R.ALLRDSPILILDEATSALDTESER.A	28
PLOG+3179	proteomics_log	967323	967433	+	3	15	R.ALLRDSPILILDEATSALDTESERAIQAALDELQKNR.T	41
PLOG+3180	proteomics_log	967335	967427	+	3	3	R.DSPILILDEATSALDTESERAIQAALDELQK.N	35
PLOG+3181	proteomics_log	967335	967433	+	3	5	R.DSPILILDEATSALDTESERAIQAALDELQKNR.T	37
PLOG+3182	proteomics_log	967335	967394	+	3	23	R.DSPILILDEATSALDTESER.A	24
PLOG+3183	proteomics_log	967521	967550	+	3	5	R.GTHNDLLEHR.G	14
PLOG+3184	proteomics_log	967880	967936	+	2	2	L.SADTTTAQAGDEPVLIIYQR.T	23
PLOG+3185	proteomics_log	969986	970048	+	2	27	K.LDNLAFPLRDGIPVLLTEAR.V	25
PLOG+3186	proteomics_log	970049	970075	+	2	8	R.VLTADESKS.-	13
PLOG+3187	proteomics_log	970078	970104	+	1	57	M.SFVVIIPAR.Y	13
PLOG+3188	proteomics_log	970105	970182	+	1	10	R.YASTRLPGKPLVDINGKPM*IVHVLER.A	31
PLOG+3189	proteomics_log	970105	970182	+	1	24	R.YASTRLPGKPLVDINGKPMIVHVLER.A	30
PLOG+3190	proteomics_log	970207	970242	+	1	140	R.IIVATDHEDVAR.A	16
PLOG+3191	proteomics_log	970546	970614	+	1	10	R.ATIPWDRDRFAEGLETVGDNFLR.H	27
PLOG+3192	proteomics_log	970573	970614	+	1	10	R.FAEGLETVGDNFLR.H	18
PLOG+3193	proteomics_log	970615	970638	+	1	2	R.HLGIYGYR.A	12
PLOG+3194	proteomics_log	970735	970800	+	1	6	K.IHVAVAQEVPGTGVDPEDLER.V	26
PLOG+3195	proteomics_log	971581	971604	+	1	2	L.RSMLKDSR.S	12
PLOG+3196	proteomics_log	975100	975135	+	1	4	R.SVLSELDMMVGK.I	16
PLOG+3197	proteomics_log	975169	975249	+	1	2	R.LANEGIFTQQELYDELLTLADEAKLLK.L	31
PLOG+3198	proteomics_log	975169	975240	+	1	16	R.LANEGIFTQQELYDELLTLADEAK.L	28
PLOG+3199	proteomics_log	975265	975294	+	1	3	R.STGSDVDQRQK.L	14
PLOG+3200	proteomics_log	975573	975611	+	3	4	R.SLTLINWNGFFAR.T	17
PLOG+3201	proteomics_log	975669	975731	+	3	22	K.STTMAAFVTALIPDLTLLHFR.N	25
PLOG+3202	proteomics_log	975732	975767	+	3	16	R.NTTEAGATSGSR.D	16
PLOG+3203	proteomics_log	976299	976376	+	3	4	R.VTQSDRDLFKHLISEATNYVAADYMR.H	30
PLOG+3204	proteomics_log	976785	976823	+	3	14	R.AIQYNQAI AALNR.A	17
PLOG+3205	proteomics_log	977076	977105	+	3	4	R.HLAEVQVPLR.M	14
PLOG+3206	proteomics_log	977133	977159	+	3	5	R.LREQQEAER.L	13
PLOG+3207	proteomics_log	977289	977327	+	3	4	R.MALRQEQEQLQSR.I	17
PLOG+3208	proteomics_log	977589	977675	+	3	7	R.FGGVLLSEIYDDVSLEDAPYFSALYGPSR.H	33
PLOG+3209	proteomics_log	977853	977888	+	3	2	R.YSRFPEVPLFGR.A	16
PLOG+3210	proteomics_log	978009	978080	+	3	3	R.FIGSHLAVAFESDPEAEIRQLNSR.R	28
PLOG+3211	proteomics_log	978099	978137	+	3	44	R.ALSNHENDNQQR.I	17
PLOG+3212	proteomics_log	978138	978182	+	3	2	R.IQFEQAKEGVTALNR.I	19
PLOG+3213	proteomics_log	978252	978278	+	3	16	R.LDEAQEAAR.F	13
PLOG+3214	proteomics_log	978279	978311	+	3	3	R.FVQQFGNQLAK.L	15
PLOG+3215	proteomics_log	978561	978623	+	3	2	R.EALRGHAAQLSQYNQVLASLK.S	25
PLOG+3216	proteomics_log	979944	980006	+	3	4	R.GFAPQLPETLPGTDEAPSQAS.-	25

PLOG+3217	proteomics_log	983479	983517	+	1	2	R.LHNPFLQDEMPVW.-	17
PLOG+3218	proteomics_log	989887	989976	+	1	2	R.APDYQITDIDLTFDLDAQKTVVTVAVSQAVR.H	34
PLOG+3219	proteomics_log	989944	989976	+	1	5	K.TVVTVAVSQAVR.H	15
PLOG+3220	proteomics_log	990277	990327	+	1	5	K.IIADKIKYPFLLSNGNR.V	21
PLOG+3221	proteomics_log	990328	990357	+	1	2	R.VAQGELENGR.H	14
PLOG+3222	proteomics_log	990823	990855	+	1	2	R.DQEFSSDLGSR.A	15
PLOG+3223	proteomics_log	991480	991512	+	1	6	K.WSDQQLTFLMR.H	15
PLOG+3224	proteomics_log	991537	991575	+	1	6	R.WDAAQSLLATYIK.L	17
PLOG+3225	proteomics_log	991591	991644	+	1	3	R.HQQGQPLSLPVHVADAFR.A	22
PLOG+3226	proteomics_log	991645	991767	+	1	55	R.AVLLDEKIDPALAAEILTPSVNEMAELFDIIDPIAIAEVR.E	45
PLOG+3227	proteomics_log	991666	991767	+	1	14	K.IDPALAAEILTPSVNEMAELFDIIDPIAIAEVR.E	38
PLOG+3228	proteomics_log	991696	991767	+	1	7	L.TLPSVNEMAELFDIIDPIAIAEVR.E	28
PLOG+3229	proteomics_log	991702	991767	+	1	23	L.PSVNEMAELFDIIDPIAIAEVR.E	26
PLOG+3230	proteomics_log	991783	991878	+	1	8	R.TLATELADELLAIYNANYQSEYRVEHEDIKR.T	36
PLOG+3231	proteomics_log	991783	991875	+	1	18	R.TLATELADELLAIYNANYQSEYRVEHEDIKR.R	35
PLOG+3232	proteomics_log	991783	991851	+	1	19	R.TLATELADELLAIYNANYQSEYR.V	27
PLOG+3233	proteomics_log	991903	991950	+	1	8	R.FLAFGETHLADVLSK.Q	20
PLOG+3234	proteomics_log	992194	992319	+	1	12	R.SLIGAFAGSNPAAFHAEDGSGYLFLVEMLTDLNSRNPQVASR.L	46
PLOG+3235	proteomics_log	992194	992298	+	1	27	R.SLIGAFAGSNPAAFHAEDGSGYLFLVEMLTDLNSR.N	39
PLOG+3236	proteomics_log	992374	992445	+	1	3	K.M*RAALEQLKGLNLSGDLYEKITK.A	29
PLOG+3237	proteomics_log	992374	992445	+	1	5	K.MRAALEQLKGLNLSGDLYEKITK.A	28
PLOG+3238	proteomics_log	992380	992445	+	1	82	R.AALEQLKGLNLSGDLYEKITK.A	26
PLOG+3239	proteomics_log	992380	992436	+	1	4	R.AALEQLKGLNLSGDLYEK.I	23
PLOG+3240	proteomics_log	992380	992454	+	1	18	R.AALEQLKGLNLSGDLYEKITKALA.-	29
PLOG+3241	proteomics_log	1004012	1004074	+	2	2	R.KALFQLDPERAHEFTFQQLRR.I	25
PLOG+3242	proteomics_log	1004012	1004071	+	2	5	R.KALFQLDPERAHEFTFQQLR.R	24
PLOG+3243	proteomics_log	1004015	1004071	+	2	2	K.ALFLDPERAHEFTFQQLR.R	23
PLOG+3244	proteomics_log	1004072	1004107	+	2	15	R.RITGTPFEALVR.Q	16
PLOG+3245	proteomics_log	1004075	1004107	+	2	2	R.ITGTPFEALVR.Q	15
PLOG+3246	proteomics_log	1004288	1004326	+	2	2	R.LFRLVDAEGLINR.M	17
PLOG+3247	proteomics_log	1004297	1004326	+	2	51	R.LVDAEGLINR.M	14
PLOG+3248	proteomics_log	1004642	1004698	+	2	93	K.IAPDLSEEELIQVADSLVR.H	23
PLOG+3249	proteomics_log	1004699	1004743	+	2	14	R.HNIDGVIATNTTLDR.S	19
PLOG+3250	proteomics_log	1004834	1004905	+	2	2	R.LSLELNGRLPIIGVGGIDSVIAAR.E	28
PLOG+3251	proteomics_log	1004906	1004998	+	2	11	R.EKIAAGASLVQIYSGFIFKGPPLIKEIVTHI.-	35
PLOG+3252	proteomics_log	1004912	1004998	+	2	26	K.IAAGASLVQIYSGFIFKGPPLIKEIVTHI.-	33
PLOG+3253	proteomics_log	1007895	1007966	+	3	7	R.LAGIGELITFEVKDVAQLTNPLPK.G	28
PLOG+3254	proteomics_log	1009715	1009825	+	2	3	R.VLLLDEPTNHLDIETIDWLEGFLKTFNGTIIFISHDR.S	41
PLOG+3255	proteomics_log	1009715	1009786	+	2	7	R.VLLLDEPTNHLDIETIDWLEGFLK.T	28
PLOG+3256	proteomics_log	1013871	1013942	+	3	9	K.ILASQSM*QQLPTDM*QSTLRELNRS.M	30
PLOG+3257	proteomics_log	1014971	1015009	+	2	2	R.AHQRGYQAGIAGR.S	17
PLOG+3258	proteomics_log	1014983	1015009	+	2	4	R.GYQAGIAGR.S	13
PLOG+3259	proteomics_log	1017717	1017767	+	3	5	Y.QLENLESGWKWKYLVK.K	21
PLOG+3260	proteomics_log	1017798	1017914	+	3	7	R.YIEASAAQEAVDVLLSLENPVLVNGWIDKHMNPELVNR.M	43
PLOG+3261	proteomics_log	1018041	1018100	+	3	2	R.GKTLSETIVQLIEDAENKEK.Y	24
PLOG+3262	proteomics_log	1018113	1018157	+	3	14	K.MSSLKQDLQALLGKE.-	19

PLOG+3263	proteomics_log	1022380	1022454	+	1	3	R.QSNNAACDAFPVDHDRHVSGSAARV.S	29
PLOG+3264	proteomics_log	1027169	1027261	+	2	2	I.MKETDIAGILTSTHTIALVGASDKPDRPSYR.V	35
PLOG+3265	proteomics_log	1027271	1027315	+	2	24	K.YLLDQGYHVIPVSPK.V	19
PLOG+3266	proteomics_log	1027346	1027402	+	2	20	K.GYGTADVPEKVDMDVFR.N	23
PLOG+3267	proteomics_log	1027403	1027456	+	2	9	R.NSEAAWGVQAIAIGAK.T	22
PLOG+3268	proteomics_log	1027457	1027510	+	2	4	K.TLWMLQGVINEQAVALAR.D	22
PLOG+3269	proteomics_log	1027511	1027540	+	2	4	R.DAGLNVVM*DR.C	15
PLOG+3270	proteomics_log	1027511	1027540	+	2	8	R.DAGLNVVMDR.C	14
PLOG+3271	proteomics_log	1029095	1029145	+	2	58	A.LPSMRATAPEKTHGWRR.S	21
PLOG+3272	proteomics_log	1032418	1032477	+	1	10	R.RHNQQTETEHPGNEKQA.-	24
PLOG+3273	proteomics_log	1033722	1033775	+	3	4	R.TLIAYHKGDAATVESVDR.M	22
PLOG+3274	proteomics_log	1033776	1033829	+	3	8	R.MMSALNPLPSGIQSTLGR.I	22
PLOG+3275	proteomics_log	1037617	1037688	+	1	2	R.SFAIGSVFGTLAIIGTLQLGDSSA.Y	28
PLOG+3276	proteomics_log	1050813	1050893	+	3	6	R.TLNENQKVEFSIEQGQRGPAAANVVTL.-	31
PLOG+3277	proteomics_log	1051413	1051448	+	3	12	R.EKMTGLESYDVK.I	16
PLOG+3278	proteomics_log	1051413	1051448	+	3	12	R.EKMTGLESYDVK.I	16
PLOG+3279	proteomics_log	1051413	1051448	+	3	12	R.EKMTGLESYDVK.I	16
PLOG+3280	proteomics_log	1051419	1051448	+	3	11	K.MTGLESYDVK.I	14
PLOG+3281	proteomics_log	1051419	1051448	+	3	11	K.MTGLESYDVK.I	14
PLOG+3282	proteomics_log	1051419	1051448	+	3	11	K.MTGLESYDVK.I	14
PLOG+3283	proteomics_log	1053300	1053368	+	3	2	F.SISM*VIRWVSGLSSINSKRKPSR.R	28
PLOG+3284	proteomics_log	1060627	1060719	+	1	2	T.VAGKEPVFINPQDASARGIRNGDVVRVFNAR.G	35
PLOG+3285	proteomics_log	1064874	1064924	+	3	16	A.QTVPEGYQLQQLMMSR.H	21
PLOG+3286	proteomics_log	1065030	1065068	+	3	3	K.GGVLEVYMGHYMR.E	17
PLOG+3287	proteomics_log	1065231	1065365	+	3	3	K.M*GTM*DPTFNPVITDDSAAFSEQAVAAMEKLSKQLTDSYQLLEK.I	51
PLOG+3288	proteomics_log	1065231	1065317	+	3	4	K.M*GTM*DPTFNPVITDDSAAFSEQAVAAM*EK.E	36
PLOG+3289	proteomics_log	1065606	1065650	+	3	2	K.NGYQDSLFTSPEVAR.N	19
PLOG+3290	proteomics_log	1065651	1065686	+	3	7	R.NVAKPLVSYIDK.A	16
PLOG+3291	proteomics_log	1065720	1065812	+	3	11	K.ITVLVGHDSNIASLLTALDFKPYQLHDQNER.T	35
PLOG+3292	proteomics_log	1065882	1065917	+	3	8	K.IEYVYQSAEQLR.N	16
PLOG+3293	proteomics_log	1065918	1065956	+	3	19	R.NADALTLQAPAQR.V	17
PLOG+3294	proteomics_log	1071107	1071178	+	2	3	V.DFVNIRGVIFPVGNKDAVEGHIRHR.A	28
PLOG+3295	proteomics_log	1078906	1078932	+	1	2	R.IISALVILL.F	13
PLOG+3296	proteomics_log	1079791	1079862	+	1	2	M.WSRM*TRNGALAGM*IIGALTVIVWK.Q	30
PLOG+3297	proteomics_log	1080952	1081011	+	1	4	F.CRCKGRAGVGLFPAGGISTR.C	24
PLOG+3298	proteomics_log	1081622	1081654	+	2	3	K.TQFIIQNHSQK.A	15
PLOG+3299	proteomics_log	1081655	1081678	+	2	3	K.ALEWEILK.G	12
PLOG+3300	proteomics_log	1081655	1081732	+	2	41	K.ALEWEILKGMVVEERENIAPGFSQK.M	30
PLOG+3301	proteomics_log	1081679	1081732	+	2	2	K.GVMVVEERENIAPGFSQK.M	22
PLOG+3302	proteomics_log	1081733	1081798	+	2	2	K.MTANLQPGYDMTCGLLTNPKG.K	26
PLOG+3303	proteomics_log	1081886	1081930	+	2	5	K.AYVMAETTQLVTDTK.A	19
PLOG+3304	proteomics_log	1081931	1081969	+	2	5	K.AFTDAIKAGDIEK.A	17
PLOG+3305	proteomics_log	1081976	1082011	+	2	3	K.ALYAPTRQHYER.I	16
PLOG+3306	proteomics_log	1082012	1082086	+	2	5	R.IEPIAELFSDLDGSIDAREDDYEQK.A	29
PLOG+3307	proteomics_log	1082012	1082065	+	2	85	R.IEPIAELFSDLDGSIDAR.E	22
PLOG+3308	proteomics_log	1082030	1082065	+	2	8	E.LFSDLDGSIDAR.E	16

PLOG+3309	proteomics_log	1082129	1082209	+	2	17	K.ALFGDNNTTKGMDQYAEQLYTDVVDLQK.R	31
PLOG+3310	proteomics_log	1082129	1082212	+	2	69	K.ALFGDNNTTKGMDQYAEQLYTDVVDLQKR.I	32
PLOG+3311	proteomics_log	1082156	1082209	+	2	23	K.GMDQYAEQLYTDVVDLQK.R	22
PLOG+3312	proteomics_log	1082156	1082212	+	2	26	K.GMDQYAEQLYTDVVDLQKR.I	23
PLOG+3313	proteomics_log	1082210	1082290	+	2	23	K.RISELAFPPSKVVGGAAGLIEEVAASK.I	31
PLOG+3314	proteomics_log	1082213	1082290	+	2	61	R.ISELAFPPSKVVGGAAGLIEEVAASK.I	30
PLOG+3315	proteomics_log	1082243	1082290	+	2	10	K.VVGGGAAGLIEEVAASK.I	20
PLOG+3316	proteomics_log	1082366	1082398	+	2	9	K.IVDLLRPQLQK.A	15
PLOG+3317	proteomics_log	1082477	1082572	+	2	4	K.DGFETYDKLTDADRNLKGPITALAEDLAQLR.G	36
PLOG+3318	proteomics_log	1085604	1085636	+	3	7	F.ASNPNPSADPWR.I	15
PLOG+3319	proteomics_log	1093013	1093039	+	2	4	S.ISPKNALLR.H	13
PLOG+3320	proteomics_log	1094968	1095021	+	1	2	N.KPYLGNMLNDFAGVDQQR.V	22
PLOG+3321	proteomics_log	1097109	1097168	+	3	2	S.MDIIFYHPTFDTQWWIEALR.K	24
PLOG+3322	proteomics_log	1097283	1097375	+	3	3	K.AVFALGAGVDSILSKLQAHPEMLNPSVPLFR.L	35
PLOG+3323	proteomics_log	1097283	1097327	+	3	4	K.AVFALGAGVDSILSK.L	19
PLOG+3324	proteomics_log	1097376	1097444	+	3	18	R.LEDTGMGEQMQEYAVSQVLHWFR.R	27
PLOG+3325	proteomics_log	1097685	1097789	+	3	16	R.VLINLLPNTPETVGIIINQQLLEKLPDGAYLLNLAR.G	39
PLOG+3326	proteomics_log	1097685	1097753	+	3	27	R.VLINLLPNTPETVGIIINQQLLEK.L	27
PLOG+3327	proteomics_log	1097790	1097840	+	3	2	R.GVHVVEDDLAALDSGK.V	21
PLOG+3328	proteomics_log	1097790	1097846	+	3	22	R.GVHVVEDDLAALDSGKVK.G	23
PLOG+3329	proteomics_log	1097916	1097981	+	3	4	R.VTITPHVAAITRPAEAVEYISR.T	26
PLOG+3330	proteomics_log	1097982	1098011	+	3	19	R.TIAQLEKGER.V	14
PLOG+3331	proteomics_log	1098102	1098185	+	3	2	V.MYPVDLHMHTVASTHAYSTLSDYIAQAK.Q	32
PLOG+3332	proteomics_log	1098201	1098272	+	3	3	K.LFAITDHGPDMEDAPHHWHFINMR.I	28
PLOG+3333	proteomics_log	1098285	1098311	+	3	29	R.VVDGVGILR.G	13
PLOG+3334	proteomics_log	1098366	1098431	+	3	4	K.MFDSLDLIAGFHEPVFAPHDK.A	26
PLOG+3335	proteomics_log	1098528	1098599	+	3	2	K.AVAEAAAKHQVALEINSSFLHSR.K	28
PLOG+3336	proteomics_log	1098552	1098599	+	3	3	K.HQVALEINSSFLHSR.K	20
PLOG+3337	proteomics_log	1098777	1098803	+	3	55	R.RLLNFLESR.G	13
PLOG+3338	proteomics_log	1098804	1098836	+	3	4	R.GMAPIAEFADL.-	15
PLOG+3339	proteomics_log	1098804	1098836	+	3	4	R.GM*APIAEFADL.-	16
PLOG+3340	proteomics_log	1098890	1098967	+	2	5	R.VLGSLYYRQPQDPLLVPFLTLIREGK.L	30
PLOG+3341	proteomics_log	1098890	1098958	+	2	12	R.VLGSLYYRQPQDPLLVPFLTLIR.E	27
PLOG+3342	proteomics_log	1098914	1098958	+	2	21	R.QPQDPLLVPFLTLIR.E	19
PLOG+3343	proteomics_log	1098968	1099012	+	2	7	K.LAANWPLEQDELLTR.L	19
PLOG+3344	proteomics_log	1099367	1099414	+	2	9	R.DAISAMWDELEEDSEE.-	20
PLOG+3345	proteomics_log	1105055	1105084	+	2	2	R.IHVVGQDITK.L	14
PLOG+3346	proteomics_log	1108624	1108722	+	1	2	A.FSIDDVAKQAQSLAGKGYETPKSNLPSVFRDM*K.Y	38
PLOG+3347	proteomics_log	1108624	1108713	+	1	5	A.FSIDDVAKQAQSLAGKGYETPKSNLPSVFR.D	34
PLOG+3348	proteomics_log	1108960	1109031	+	1	9	K.VLYPINSKDKNDEIVSMLGASYFR.V	28
PLOG+3349	proteomics_log	1108984	1109031	+	1	6	K.DKNDEIVSMLGASYFR.V	20
PLOG+3350	proteomics_log	1109032	1109070	+	1	186	R.VIGAGQVYGLSAR.G	17
PLOG+3351	proteomics_log	1109071	1109118	+	1	4	R.GLAIDTALPSGEEFPR.F	20
PLOG+3352	proteomics_log	1109125	1109157	+	1	2	K.EFWIERPKPTD.K	15
PLOG+3353	proteomics_log	1109164	1109196	+	1	20	R.LTIYALLDSR.A	15
PLOG+3354	proteomics_log	1109197	1109262	+	1	2	R.ATGAYKFVVMMPGRDVTVDVQSK.I	26

PLOG+3355	proteomics_log	1109215	1109262	+	1	3	K.FVVMGRDTPVVDVQSK.I	20
PLOG+3356	proteomics_log	1109263	1109289	+	1	2	K.IYLRDKVVGK.L	13
PLOG+3357	proteomics_log	1109443	1109502	+	1	5	K.HLAVSSFMS*ENPQGFGLLQR.G	25
PLOG+3358	proteomics_log	1109443	1109502	+	1	21	K.HLAVSSFMSMENPQGFGLLR.G	24
PLOG+3359	proteomics_log	1109869	1109946	+	1	2	K.KLPEDTPVTAQTSIGDNGEIVESTVR.Y	30
PLOG+3360	proteomics_log	1109986	1110024	+	1	3	R.VKVKDAKKTTEM*R.A	18
PLOG+3361	proteomics_log	1109986	1110024	+	1	12	R.VKVKDAKKTTEMR.A	17
PLOG+3362	proteomics_log	1109992	1110024	+	1	5	K.VKDAKKTTEMR.A	15
PLOG+3363	proteomics_log	1110025	1110090	+	1	5	R.AALVNADQTLSETWSYQLPANE.-	26
PLOG+3364	proteomics_log	1110086	1110139	+	2	2	P.MNKTTEYIDAMPAAASEK.A	22
PLOG+3365	proteomics_log	1110167	1110199	+	2	20	R.AVHQALDAEHR.T	15
PLOG+3366	proteomics_log	1112083	1112175	+	1	3	R.VSVGCDWGVAGSAFPVLAGTDCLLVDPVTVCF	35
PLOG+3367	proteomics_log	1112309	1112386	+	2	23	R.SLDDGFMHAVFNPSFNALATAMATAR.H	30
PLOG+3368	proteomics_log	1112452	1112496	+	1	2	D.AREAESRSSPGAARK.S	19
PLOG+3369	proteomics_log	1112480	1112515	+	2	13	R.LVLLSDPVTMAR.L	16
PLOG+3370	proteomics_log	1116051	1116077	+	3	2	R.ISNDALKAK.M	13
PLOG+3371	proteomics_log	1125380	1125412	+	2	17	L.MKYQLTALR.V	15
PLOG+3372	proteomics_log	1125503	1125574	+	2	3	K.TNREPVMNLSESEVQEQLDNLVKR.H	28
PLOG+3373	proteomics_log	1125587	1125619	+	2	2	R.TVSGFGNRVTK.Y	15
PLOG+3374	proteomics_log	1125662	1125706	+	2	21	K.LSAAEVALITLLLLR.G	19
PLOG+3375	proteomics_log	1125749	1125832	+	2	3	R.M*YEFSDMAEVESTLEQLANREDGPFVVR.L	33
PLOG+3376	proteomics_log	1125749	1125832	+	2	59	R.MYEFSDMAEVESTLEQLANREDGPFVVR.L	32
PLOG+3377	proteomics_log	1125953	1125994	+	2	6	R.VEALIEVAELKQR.L	18
PLOG+3378	proteomics_log	1125953	1125988	+	2	11	R.VEALIEVAELK.Q	16
PLOG+3379	proteomics_log	1125953	1126024	+	2	124	R.VEALIEVAELKQRDLSLLAHLGD.-	28
PLOG+3380	proteomics_log	1125995	1126024	+	2	8	R.LDSLLAHLGD.-	14
PLOG+3381	proteomics_log	1126473	1126565	+	3	16	R.SNSVGPFDLYFTLLDDYLHVVDLWLSGGK.A	35
PLOG+3382	proteomics_log	1131800	1131895	+	2	6	M.AFSQAVSGLNAAATNLDVIGNNIANSATYGFK.S	36
PLOG+3383	proteomics_log	1132010	1132048	+	2	2	R.GLDVAISQNGFFR.L	17
PLOG+3384	proteomics_log	1132934	1133002	+	2	3	R.NYQSNAQTIKTQDQILNTLVNLR.-	27
PLOG+3385	proteomics_log	1133661	1133702	+	3	2	N.AVAAM*SDM*IASARR.F	20
PLOG+3386	proteomics_log	1135120	1135149	+	1	4	R.YLQGLFGNAR.A	14
PLOG+3387	proteomics_log	1135348	1135398	+	1	8	R.TISGSNTVPSTQVADAR.I	21
PLOG+3388	proteomics_log	1136496	1136573	+	3	3	R.ALNALGATPMDLMSILQSMQSAGCLR.A	30
PLOG+3389	proteomics_log	1138000	1138068	+	1	10	L.IGKSEGLVNQFKTTDQYLRDQDK.Q	27
PLOG+3390	proteomics_log	1139164	1139241	+	1	3	R.FQQYYLANAQVLQTANAIFDALINIR.-	30
PLOG+3391	proteomics_log	1139472	1139534	+	3	6	K.VSLEESVLSQVTTAIQNAQEK.I	25
PLOG+3392	proteomics_log	1141115	1141141	+	2	2	A.LATGLDNAR.H	13
PLOG+3393	proteomics_log	1144190	1144225	+	2	2	K.IVAITADEAGQR.I	16
PLOG+3394	proteomics_log	1144787	1144819	+	2	11	R.VSQEGKPSETR.F	15
PLOG+3395	proteomics_log	1146593	1146625	+	2	13	M.AVQQNKPTRSK.R	15
PLOG+3396	proteomics_log	1146593	1146619	+	2	165	M.AVQQNKPTR.S	13
PLOG+3397	proteomics_log	1146611	1146709	+	2	93	K.PTRSKRGMRRSHDALTAVTSLSDKTSGEKHLR.H	37
PLOG+3398	proteomics_log	1146638	1146685	+	2	16	R.RSHDALTAVTSLSDK.T	20
PLOG+3399	proteomics_log	1146638	1146709	+	2	120	R.RSHDALTAVTSLSDKTSGEKHLR.H	28
PLOG+3400	proteomics_log	1146638	1146700	+	2	223	R.RSHDALTAVTSLSDKTSGEK.H	25

PLOG+3401	proteomics_log	1146641	1146685	+	2	148	R.SHDALTAVTSLSVDK.T	19
PLOG+3402	proteomics_log	1146641	1146700	+	2	258	R.SHDALTAVTSLSVDKTSGEK.H	24
PLOG+3403	proteomics_log	1146641	1146709	+	2	352	R.SHDALTAVTSLSVDKTSGEKH.LR.H	27
PLOG+3404	proteomics_log	1146659	1146709	+	2	2	T.AVTSLSVDKTSGEKH.LR.H	21
PLOG+3405	proteomics_log	1146686	1146709	+	2	14	K.TSGEKH.LR.H	12
PLOG+3406	proteomics_log	1146710	1146739	+	2	127	R.HHITADGYR.G	14
PLOG+3407	proteomics_log	1146710	1146745	+	2	163	R.HHITADGYRGR.K	16
PLOG+3408	proteomics_log	1147021	1147134	+	1	2	R.LQIIPAQSVIASDARPSQAIRASRGSSMRVALELVKEG.R	42
PLOG+3409	proteomics_log	1147994	1148053	+	2	2	K.IIGTGSYLPEQVRTNADLEK.M	24
PLOG+3410	proteomics_log	1147994	1148032	+	2	85	K.IIGTGSYLPEQVR.T	17
PLOG+3411	proteomics_log	1148033	1148089	+	2	8	R.TNADLEKMVDTSDEWIVTR.T	23
PLOG+3412	proteomics_log	1148054	1148089	+	2	13	K.MVDTSDEWIVTR.T	16
PLOG+3413	proteomics_log	1148108	1148164	+	2	4	R.HIAAPNETVSTM*GFEATR.A	24
PLOG+3414	proteomics_log	1148108	1148164	+	2	18	R.HIAAPNETVSTMGFEATR.A	23
PLOG+3415	proteomics_log	1148378	1148413	+	2	36	K.YALVVGSDVLAR.T	16
PLOG+3416	proteomics_log	1148454	1148498	+	3	6	L.AM*ARALRCWLPLKSR.E	20
PLOG+3417	proteomics_log	1148624	1148728	+	2	4	K.VAVTELAHIVDETLAANNLDRSQLDWLVPHQANLR.I	39
PLOG+3418	proteomics_log	1148624	1148686	+	2	45	K.VAVTELAHIVDETLAANNLDR.S	25
PLOG+3419	proteomics_log	1148750	1148794	+	2	8	K.KLGMSMDNVVTLDR.H	19
PLOG+3420	proteomics_log	1148753	1148794	+	2	4	K.LGMSMDNVVTLDR.H	18
PLOG+3421	proteomics_log	1148858	1148929	+	2	2	R.IKPGQLVLEAFGGGFTWGSALVR.F	28
PLOG+3422	proteomics_log	1148858	1148932	+	2	4	R.IKPGQLVLEAFGGGFTWGSALVRF.-	29
PLOG+3423	proteomics_log	1149125	1149175	+	2	2	K.TWQTQPALLTASVALYR.V	21
PLOG+3424	proteomics_log	1149302	1149385	+	2	28	R.GKFMQEAVPEGTGAMAAIIGLDDASIAK.A	32
PLOG+3425	proteomics_log	1149308	1149385	+	2	5	K.FMQEAVPEGTGAMAAIIGLDDASIAK.A	30
PLOG+3426	proteomics_log	1149485	1149517	+	2	2	R.AGAACKAAGAK.R	15
PLOG+3427	proteomics_log	1149518	1149604	+	2	3	K.RALPLPVSVP SHCALMKPAADKLAVELAK.I	33
PLOG+3428	proteomics_log	1149605	1149697	+	2	2	K.ITFNAPTVPVNNVDVKCETNGDAIRDALVR.Q	35
PLOG+3429	proteomics_log	1149605	1149655	+	2	162	K.ITFNAPTVPVNNVDVK.C	21
PLOG+3430	proteomics_log	1149698	1149727	+	2	10	R.QLYNPVQWTK.S	14
PLOG+3431	proteomics_log	1149728	1149787	+	2	61	K.SVEYMAAQGVEHLYEVGPGK.V	24
PLOG+3432	proteomics_log	1149728	1149811	+	2	175	K.SVEYMAAQGVEHLYEVGPGKVLTKR.I	32
PLOG+3433	proteomics_log	1149728	1149808	+	2	198	K.SVEYMAAQGVEHLYEVGPGKVLTKR.R	31
PLOG+3434	proteomics_log	1149788	1149877	+	2	5	K.VLTGLTKRIVDTLTASALNEPSAMAAALEL.-	34
PLOG+3435	proteomics_log	1149809	1149877	+	2	3	K.RIVDTLTASALNEPSAM*AAALEL.-	28
PLOG+3436	proteomics_log	1149809	1149877	+	2	152	K.RIVDTLTASALNEPSAMAAALEL.-	27
PLOG+3437	proteomics_log	1149812	1149859	+	2	3	R.IVDTLTASALNEPSAM*.A	21
PLOG+3438	proteomics_log	1149812	1149877	+	2	35	R.IVDTLTASALNEPSAM*AAALEL.-	27
PLOG+3439	proteomics_log	1149812	1149877	+	2	238	R.IVDTLTASALNEPSAMAAALEL.-	26
PLOG+3440	proteomics_log	1149893	1149949	+	2	11	I.MNFEGKIALVTGASRGIGR.A	23
PLOG+3441	proteomics_log	1149893	1149910	+	2	63	I.MNFEGK.I	10
PLOG+3442	proteomics_log	1149893	1149937	+	2	129	I.MNFEGKIALVTGASR.G	19
PLOG+3443	proteomics_log	1149911	1149949	+	2	10	K.IALVTGASRGIGR.A	17
PLOG+3444	proteomics_log	1149911	1149937	+	2	114	K.IALVTGASR.G	13
PLOG+3445	proteomics_log	1149938	1149976	+	2	14	R.GIGRAIAETLAAR.G	17
PLOG+3446	proteomics_log	1149950	1149985	+	2	33	R.AIAETLAARGAK.V	16

PLOG+3447	proteomics_log	1149950	1149976	+	2	96	R.AIAETLAAR.G	13
PLOG+3448	proteomics_log	1149977	1150054	+	2	2	R.GAKVIGTATSENGAQAISDYLGANGK.G	30
PLOG+3449	proteomics_log	1149986	1150108	+	2	2	K.VIGTATSENGAQAISDYLGANGKGLM*LNVTDPASIESVLEK.I	46
PLOG+3450	proteomics_log	1149986	1150114	+	2	7	K.VIGTATSENGAQAISDYLGANGKGLM*LNVTDPASIESVLEKIR.A	48
PLOG+3451	proteomics_log	1149986	1150108	+	2	25	K.VIGTATSENGAQAISDYLGANGKGLMLNVTDPASIESVLEK.I	45
PLOG+3452	proteomics_log	1149986	1150114	+	2	36	K.VIGTATSENGAQAISDYLGANGKGLMLNVTDPASIESVLEKIR.A	47
PLOG+3453	proteomics_log	1149986	1150054	+	2	75	K.VIGTATSENGAQAISDYLGANGK.G	27
PLOG+3454	proteomics_log	1150022	1150114	+	2	11	Q.AISDYLGANGKGLMLNVTDPASIESVLEKIR.A	35
PLOG+3455	proteomics_log	1150055	1150114	+	2	2	K.GLM*LNVTDPASIESVLEKIR.A	25
PLOG+3456	proteomics_log	1150055	1150105	+	2	3	K.GLM*LNVTDPASIESVLE.K	22
PLOG+3457	proteomics_log	1150055	1150108	+	2	12	K.GLM*LNVTDPASIESVLEK.I	23
PLOG+3458	proteomics_log	1150055	1150165	+	2	32	K.GLMLNVTDPASIESVLEKIRAEFGEVDILVNNAGITR.D	41
PLOG+3459	proteomics_log	1150055	1150114	+	2	150	K.GLMLNVTDPASIESVLEKIR.A	24
PLOG+3460	proteomics_log	1150055	1150108	+	2	211	K.GLMLNVTDPASIESVLEK.I	22
PLOG+3461	proteomics_log	1150109	1150165	+	2	4	K.IRAEFGEVDILVNNAGITR.D	23
PLOG+3462	proteomics_log	1150109	1150183	+	2	78	K.IRAEFGEVDILVNNAGITRDNLLMR.M	29
PLOG+3463	proteomics_log	1150115	1150183	+	2	23	R.AEFGEVDILVNNAGITRDNLLM*R.M	28
PLOG+3464	proteomics_log	1150115	1150183	+	2	204	R.AEFGEVDILVNNAGITRDNLLMR.M	27
PLOG+3465	proteomics_log	1150115	1150165	+	2	275	R.AEFGEVDILVNNAGITR.D	21
PLOG+3466	proteomics_log	1150184	1150240	+	2	50	R.M*KDEEWNDIETNLSSVFR.L	24
PLOG+3467	proteomics_log	1150184	1150249	+	2	57	R.MKDEEWNDIETNLSSVFR.L	26
PLOG+3468	proteomics_log	1150184	1150240	+	2	348	R.MKDEEWNDIETNLSSVFR.L	23
PLOG+3469	proteomics_log	1150262	1150357	+	2	7	R.AMMKKRHGRIITIGSVVGTMGNGGQANYAAK.A	36
PLOG+3470	proteomics_log	1150280	1150357	+	2	2	R.HGRIITIGSVVGTMGNGGQANYAAK.A	31
PLOG+3471	proteomics_log	1150280	1150357	+	2	13	R.HGRIITIGSVVGTMGNGGQANYAAK.A	30
PLOG+3472	proteomics_log	1150289	1150345	+	2	4	R.IITIGSVVGTMGNGGQANY.A	24
PLOG+3473	proteomics_log	1150289	1150348	+	2	6	R.IITIGSVVGTMGNGGQANY.A	25
PLOG+3474	proteomics_log	1150289	1150357	+	2	16	R.IITIGSVVGTMGNGGQANYAAK.A	28
PLOG+3475	proteomics_log	1150289	1150381	+	2	46	R.IITIGSVVGTMGNGGQANYAAKAGLIGFSK.S	35
PLOG+3476	proteomics_log	1150289	1150357	+	2	383	R.IITIGSVVGTMGNGGQANYAAK.A	27
PLOG+3477	proteomics_log	1150304	1150357	+	2	2	G.SVVGTMGNGGQANYAAK.A	22
PLOG+3478	proteomics_log	1150334	1150408	+	2	2	G.QANYAAKAGLIGFSKSLAREVASR.G	29
PLOG+3479	proteomics_log	1150358	1150381	+	2	33	K.AGLIGFSK.S	12
PLOG+3480	proteomics_log	1150382	1150462	+	2	13	K.SLAREVASRGITVNVVAPGFIEDMTR.A	31
PLOG+3481	proteomics_log	1150382	1150408	+	2	39	K.SLAREVASR.G	13
PLOG+3482	proteomics_log	1150394	1150462	+	2	3	R.EVASRGITVNVVAPGFIEDMTR.A	27
PLOG+3483	proteomics_log	1150409	1150462	+	2	23	R.GITVNVVAPGFIEDM*TR.A	23
PLOG+3484	proteomics_log	1150409	1150462	+	2	308	R.GITVNVVAPGFIEDMTR.A	22
PLOG+3485	proteomics_log	1150463	1150516	+	2	129	R.ALSDDQRAGILAQVPAGR.L	22
PLOG+3486	proteomics_log	1150484	1150624	+	2	3	R.AGILAQVPAGRLGGAQEIANAVAFLASDEAAYITGETLHVNGGMYMV.-	51
PLOG+3487	proteomics_log	1150484	1150516	+	2	95	R.AGILAQVPAGR.L	15
PLOG+3488	proteomics_log	1150517	1150552	+	2	2	R.LGGAQEIANAVA.F	16
PLOG+3489	proteomics_log	1150517	1150624	+	2	5	R.LGGAQEIANAVAFLASDEAAYITGETLHVNGGM*YMV.-	41
PLOG+3490	proteomics_log	1150517	1150621	+	2	6	R.LGGAQEIANAVAFLASDEAAYITGETLHVNGGMYM.V	39
PLOG+3491	proteomics_log	1150517	1150576	+	2	10	R.LGGAQEIANAVAFLASDEAA.Y	24
PLOG+3492	proteomics_log	1150517	1150624	+	2	5	R.LGGAQEIANAVAFLASDEAAYITGETLHVNGGM*YM*V.-	42

PLOG+3493	proteomics_log	1150517	1150624	+	2	156	R.LGGAQEIANAVAFSLASDEAAAYITGETLHVNGGMVMV.-	40
PLOG+3494	proteomics_log	1150841	1150864	+	2	2	M.STIEERVK.K	12
PLOG+3495	proteomics_log	1150841	1150894	+	2	7	M.STIEERVKKIIGEQLGVK.Q	22
PLOG+3496	proteomics_log	1150841	1150867	+	2	18	M.STIEERVKK.I	13
PLOG+3497	proteomics_log	1150859	1150894	+	2	6	R.VKKIIGEQLGVK.Q	16
PLOG+3498	proteomics_log	1150865	1150894	+	2	7	K.KIIGEQLGVK.Q	14
PLOG+3499	proteomics_log	1150868	1150894	+	2	29	K.IIGEQLGVK.Q	13
PLOG+3500	proteomics_log	1151024	1151071	+	2	193	K.ITTVQAAIDYINGHQA.-	20
PLOG+3501	proteomics_log	1151177	1151227	+	2	2	R.VVVTGLGM*LSPVGNTVE.S	22
PLOG+3502	proteomics_log	1151177	1151239	+	2	3	R.VVVTGLGM*LSPVGNTVESTWK.A	26
PLOG+3503	proteomics_log	1151177	1151239	+	2	108	R.VVVTGLGMLSPVGNTVESTWK.A	25
PLOG+3504	proteomics_log	1151240	1151308	+	2	12	K.ALLAGQSGISLIDHFDT SAYATK.F	27
PLOG+3505	proteomics_log	1151369	1151461	+	2	25	R.KMDAFIQYGVVAGVQAMQDSGLEITEENATR.I	35
PLOG+3506	proteomics_log	1151462	1151545	+	2	52	R.IGAAIGSGIGGLG LIEENHTSLMNGGPR.K	32
PLOG+3507	proteomics_log	1151546	1151623	+	2	24	R.KISPPFFVSTIVNMVAGHLTIMYGLR.G	30
PLOG+3508	proteomics_log	1151690	1151782	+	2	35	R.IIAYGDADVMVAGGAEKASTPLGVGGFGAAR.A	35
PLOG+3509	proteomics_log	1151741	1151782	+	2	79	K.ASTPLGVGGFGAAR.A	18
PLOG+3510	proteomics_log	1151843	1151911	+	2	3	R.DGFVLGDGAGMLVLEEYEHAKKR.G	27
PLOG+3511	proteomics_log	1151843	1151905	+	2	6	R.DGFVLGDGAGMLVLEEYEHAK.K	25
PLOG+3512	proteomics_log	1151993	1152028	+	2	10	G.AGAALAMANALR.D	16
PLOG+3513	proteomics_log	1152122	1152148	+	2	2	K.TIFGEAASR.V	13
PLOG+3514	proteomics_log	1152170	1152238	+	2	7	K.SM*TGHELLGAAGAVESIYSILALR.D	28
PLOG+3515	proteomics_log	1152170	1152286	+	2	36	K.SMTGHLLGAAGAVESIYSILALRDQAVPPTINLNDPDEG.C	43
PLOG+3516	proteomics_log	1152170	1152238	+	2	68	K.SMTGHLLGAAGAVESIYSILALR.D	27
PLOG+3517	proteomics_log	1154407	1154445	+	1	11	R.NVVVETLEQLGIR.D	17
PLOG+3518	proteomics_log	1154686	1154793	+	1	2	R.GIDQHMLATLRDAVLGDFRPDLTLYLDVTPEVGLKR.A	40
PLOG+3519	proteomics_log	1154866	1154949	+	1	2	R.YLELAAQDKSIHTIDATQPLEAVMDAIR.T	32
PLOG+3520	proteomics_log	1154893	1154949	+	1	5	K.SIHTIDATQPLEAVMDAIR.T	23
PLOG+3521	proteomics_log	1157818	1157922	+	1	2	A.GDPTAGKLSGGFLFKMYGLPAAAIWIHSAKPENR.A	39
PLOG+3522	proteomics_log	1158364	1158417	+	1	7	R.LRVSVADVSKVDQAGLKK.L	22
PLOG+3523	proteomics_log	1158364	1158414	+	1	11	R.LRVSVADVSKVDQAGLKK.K	21
PLOG+3524	proteomics_log	1158415	1158477	+	1	4	K.KLGAAGVVVAGSGVQAIFGTK.S	25
PLOG+3525	proteomics_log	1158418	1158477	+	1	5	K.LGAAGVVVAGSGVQAIFGTK.S	24
PLOG+3526	proteomics_log	1158478	1158516	+	1	9	K.SDNLKTEMDEYIR.N	17
PLOG+3527	proteomics_log	1161111	1161134	+	3	9	V.AEETIFSK.I	12
PLOG+3528	proteomics_log	1161147	1161197	+	3	87	R.EIPSDIVYQDDLVTAFR.D	21
PLOG+3529	proteomics_log	1161198	1161299	+	3	47	R.DISQPAPTHILIPNLIPTVNDVSAEHEQALGR.M	38
PLOG+3530	proteomics_log	1161252	1161299	+	3	2	I.PTVNDVSAEHEQALGR.M	20
PLOG+3531	proteomics_log	1161300	1161320	+	3	4	R.MITVAAK.I	11
PLOG+3532	proteomics_log	1161321	1161380	+	3	3	K.IAEQEGIAEDGYRLIMNTNR.H	24
PLOG+3533	proteomics_log	1161321	1161359	+	3	103	K.IAEQEGIAEDGYR.L	17
PLOG+3534	proteomics_log	1164164	1164214	+	2	3	R.KGAVSVLDNLSPIKAER.V	21
PLOG+3535	proteomics_log	1164366	1164419	+	3	6	A.MIYLVHGFDSNSPGNHEK.V	22
PLOG+3536	proteomics_log	1164420	1164455	+	3	10	K.VLQLQFIDPDVR.L	16
PLOG+3537	proteomics_log	1164765	1164791	+	3	29	R.NDEALNSQR.T	13
PLOG+3538	proteomics_log	1165413	1165526	+	3	2	K.ITLVDRNHSHLWKPLLHEVATGSLDEGVDALS YLAHAR.N	42

PLOG+3539	proteomics_log	1165584	1165640	+	3	5	K.TITIAELRDEKGE LLVPER.K	23
PLOG+3540	proteomics_log	1165752	1165787	+	3	3	R.RFHQEM*LNLFLK.Y	17
PLOG+3541	proteomics_log	1165989	1166021	+	3	22	R.ISAAAHNELTK.L	15
PLOG+3542	proteomics_log	1167129	1167188	+	3	2	R.WVVD M*PVTRSRALS RKAILT.R	25
PLOG+3543	proteomics_log	1168362	1168400	+	3	5	A.AVEVQSTPEGQ QK.V	17
PLOG+3544	proteomics_log	1171160	1171219	+	2	3	R.PVGETVAEVVVM LLREKGG R.H	24
PLOG+3545	proteomics_log	1175986	1176066	+	1	14	K.STLLHLLGGLD TPTSGDVIFNGQPMSK.L	31
PLOG+3546	proteomics_log	1176097	1176189	+	1	6	R.NQKLGFIYQFHLL PDFTALENVAMPL LIGK.K	35
PLOG+3547	proteomics_log	1176106	1176189	+	1	40	K.LGFIYQFHLLPD FTALENVAMPL LIGK.K	32
PLOG+3548	proteomics_log	1176337	1176378	+	1	53	R.LVLADEPTGNL DAR.N	18
PLOG+3549	proteomics_log	1176379	1176474	+	1	17	R.NADSIFQLLGELN RLQGTAF LVVTHDLQLAKR.M	36
PLOG+3550	proteomics_log	1176379	1176420	+	1	24	R.NADSIFQLLGELN R.L	18
PLOG+3551	proteomics_log	1176379	1176471	+	1	73	R.NADSIFQLLGELN RLQGTAF LVVTHDLQLAKR.R	35
PLOG+3552	proteomics_log	1178869	1178916	+	1	11	R.VLVLTGAGISAESGIR.T	20
PLOG+3553	proteomics_log	1179088	1179153	+	1	25	K.LQDALGDRFLLV TQNIDNLHER.A	26
PLOG+3554	proteomics_log	1179112	1179153	+	1	2	R.FLLVTQNIDNLHER.A	18
PLOG+3555	proteomics_log	1185088	1185123	+	1	17	R.FLNYVSLDTQSK.A	16
PLOG+3556	proteomics_log	1185364	1185468	+	1	10	R.GGDIALGIGDEV LSPVMFPVLHQ LLGQTLITTDGK.T	39
PLOG+3557	proteomics_log	1185469	1185540	+	1	4	K.TLLGADDKAGIAEIMTALAVLQ QK.K	28
PLOG+3558	proteomics_log	1185715	1185750	+	1	4	K.IVGNNVHPGTAK.G	16
PLOG+3559	proteomics_log	1185751	1185786	+	1	12	K.GVMVNALS LAAR.I	16
PLOG+3560	proteomics_log	1186264	1186290	+	1	2	R.IAELTAQRK.-	13
PLOG+3561	proteomics_log	1194346	1194381	+	1	32	-.M*ESKVVVPAQ GK.K	17
PLOG+3562	proteomics_log	1194346	1194384	+	1	50	-.M*ESKVVVPAQ GK.K.I	18
PLOG+3563	proteomics_log	1194346	1194381	+	1	181	-.MESKVVVPAQ GK.K	16
PLOG+3564	proteomics_log	1194346	1194384	+	1	223	-.MESKVVVPAQ GK.K.I	17
PLOG+3565	proteomics_log	1194358	1194384	+	1	18	K.VVVPAQGKK.I	13
PLOG+3566	proteomics_log	1194358	1194381	+	1	42	K.VVVPAQGK.K	12
PLOG+3567	proteomics_log	1194382	1194492	+	1	3	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAM LKVV.D	41
PLOG+3568	proteomics_log	1194382	1194486	+	1	10	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAM*LK.V	40
PLOG+3569	proteomics_log	1194382	1194486	+	1	264	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAM LK.V	39
PLOG+3570	proteomics_log	1194382	1194510	+	1	2	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAM LKVVDAAVEK.A	47
PLOG+3571	proteomics_log	1194382	1194405	+	1	2	K.KITLQNGK.L	12
PLOG+3572	proteomics_log	1194385	1194510	+	1	24	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAM LKVVDAAVEK.A	46
PLOG+3573	proteomics_log	1194385	1194486	+	1	38	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAM*LK.V	39
PLOG+3574	proteomics_log	1194385	1194486	+	1	349	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAM LK.V	38
PLOG+3575	proteomics_log	1194406	1194510	+	1	4	K.LNVPENPIIPYIEGDGIGVDVTPAM LKVVDAAVEK.A	39
PLOG+3576	proteomics_log	1194406	1194486	+	1	16	K.LNVPENPIIPYIEGDGIGVDVTPAM*LK.V	32
PLOG+3577	proteomics_log	1194406	1194486	+	1	137	K.LNVPENPIIPYIEGDGIGVDVTPAM LK.V	31
PLOG+3578	proteomics_log	1194433	1194486	+	1	4	I.PYIEGDGIGVDVTPAM LK.V	22
PLOG+3579	proteomics_log	1194487	1194519	+	1	9	K.VVDAAVEKAYK.G	15
PLOG+3580	proteomics_log	1194487	1194531	+	1	130	K.VVDAAVEKAYKGERK.I	19
PLOG+3581	proteomics_log	1194487	1194510	+	1	216	K.VVDAAVEK.A	12
PLOG+3582	proteomics_log	1194487	1194528	+	1	291	K.VVDAAVEKAYKGERK.K	18
PLOG+3583	proteomics_log	1194490	1194528	+	1	2	V.VDAAVEKAYKGERK.K	17
PLOG+3584	proteomics_log	1194490	1194510	+	1	3	V.VDAAVEK.A	11

PLOG+3585	proteomics_log	1194493	1194531	+	1	2	V.DAAVEKAYKGERK.I	17
PLOG+3586	proteomics_log	1194493	1194528	+	1	4	V.DAAVEKAYKGER.K	16
PLOG+3587	proteomics_log	1194529	1194564	+	1	21	R.KISWM*EIYTGEK.S	17
PLOG+3588	proteomics_log	1194529	1194624	+	1	157	R.KISWMEIYTGEKSTQVYGQDVWLPAETLDLIR.E	36
PLOG+3589	proteomics_log	1194529	1194564	+	1	321	R.KISWMEIYTGEK.S	16
PLOG+3590	proteomics_log	1194532	1194624	+	1	10	K.ISWMEIYTGEKSTQVYGQDVWLPAETLDLIR.E	35
PLOG+3591	proteomics_log	1194532	1194564	+	1	151	K.ISWMEIYTGEK.S	15
PLOG+3592	proteomics_log	1194538	1194624	+	1	67	S.WM*EIYTGEKSTQVYGQDVWLPAETLDLIR.E	34
PLOG+3593	proteomics_log	1194565	1194681	+	1	2	K.STQVYGQDVWLPAETLDLIREYVAIKGPLTTPVGGGIR.S	43
PLOG+3594	proteomics_log	1194565	1194612	+	1	4	K.STQVYGQDVWLPAETL.D	20
PLOG+3595	proteomics_log	1194565	1194633	+	1	94	K.STQVYGQDVWLPAETLDLIREYR.V	27
PLOG+3596	proteomics_log	1194565	1194624	+	1	637	K.STQVYGQDVWLPAETLDLIR.E	24
PLOG+3597	proteomics_log	1194625	1194681	+	1	298	R.EYRVAIKGPLTTPVGGGIR.S	23
PLOG+3598	proteomics_log	1194634	1194681	+	1	223	R.VAIKGPLTTPVGGGIR.S	20
PLOG+3599	proteomics_log	1194742	1194804	+	1	2	R.YYQGTSPVKHPELTD*VIFR.E	26
PLOG+3600	proteomics_log	1194742	1194843	+	1	3	R.YYQGTSPVKHPELTD*VIFRENSEDIYAGIEWK.A	38
PLOG+3601	proteomics_log	1194742	1194804	+	1	28	R.YYQGTSPVKHPELTD*VIFR.E	25
PLOG+3602	proteomics_log	1194805	1194843	+	1	9	R.ENSEDIYAGIEWK.A	17
PLOG+3603	proteomics_log	1194844	1194906	+	1	8	K.ADSADAEKVIKFLREEMGVKK.I	25
PLOG+3604	proteomics_log	1194844	1194876	+	1	94	K.ADSADAEKVIK.F	15
PLOG+3605	proteomics_log	1194844	1194903	+	1	95	K.ADSADAEKVIKFLREEMGVK.K	24
PLOG+3606	proteomics_log	1194868	1194903	+	1	4	K.VIKFLREEM*GVK.K	17
PLOG+3607	proteomics_log	1194868	1194906	+	1	5	K.VIKFLREEMGVKK.I	17
PLOG+3608	proteomics_log	1194868	1194903	+	1	11	K.VIKFLREEMGVK.K	16
PLOG+3609	proteomics_log	1194877	1194906	+	1	106	K.FLREEMGVKK.I	14
PLOG+3610	proteomics_log	1194877	1194903	+	1	116	K.FLREEMGVK.K	13
PLOG+3611	proteomics_log	1194979	1195011	+	1	2	R.AAIEYAIANDR.D	15
PLOG+3612	proteomics_log	1194979	1195050	+	1	22	R.AAIEYAIANDRDSVTLVHKGNIM*K.F	29
PLOG+3613	proteomics_log	1194979	1195035	+	1	104	R.AAIEYAIANDRDSVTLVHK.G	23
PLOG+3614	proteomics_log	1194979	1195050	+	1	228	R.AAIEYAIANDRDSVTLVHKGNIMK.F	28
PLOG+3615	proteomics_log	1195036	1195095	+	1	3	K.GNIMKFTEGAFKDWGYQLAR.E	24
PLOG+3616	proteomics_log	1195051	1195086	+	1	10	K.FTEGAFKDWGYQ.L	16
PLOG+3617	proteomics_log	1195051	1195140	+	1	134	K.FTEGAFKDWGYQLAREEFGGELIDGGPWLK.V	34
PLOG+3618	proteomics_log	1195051	1195095	+	1	143	K.FTEGAFKDWGYQLAR.E	19
PLOG+3619	proteomics_log	1195096	1195140	+	1	144	R.EEFGGELIDGGPWLK.V	19
PLOG+3620	proteomics_log	1195378	1195470	+	1	4	K.YAGQDKVNPSSIILSAEMM*LRHM*GWTEAADL.I	37
PLOG+3621	proteomics_log	1195378	1195440	+	1	4	K.YAGQDKVNPSSIILSAEMM*LR.H	26
PLOG+3622	proteomics_log	1195378	1195440	+	1	4	K.YAGQDKVNPSSIILSAEM*M*LR.H	27
PLOG+3623	proteomics_log	1195378	1195440	+	1	627	K.YAGQDKVNPSSIILSAEMMLR.H	25
PLOG+3624	proteomics_log	1195396	1195440	+	1	2	K.VNPGSIIILSAEM*MLR.H	20
PLOG+3625	proteomics_log	1195396	1195440	+	1	138	K.VNPGSIIILSAEMMLR.H	19
PLOG+3626	proteomics_log	1195399	1195440	+	1	10	V.NPGSIIILSAEMMLR.H	18
PLOG+3627	proteomics_log	1195441	1195506	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAK.T	28
PLOG+3628	proteomics_log	1195441	1195530	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAKTVTYDFER.L	35
PLOG+3629	proteomics_log	1195441	1195530	+	1	2	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFER.L	35
PLOG+3630	proteomics_log	1195441	1195557	+	1	3	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFERLMDGAKLLK.C	43

PLOG+3631	proteomics_log	1195441	1195506	+	1	17	R.HMGWTEAADLIVKGM*EGAINAK.T	27
PLOG+3632	proteomics_log	1195441	1195479	+	1	57	R.HM*GWTEAADLIVK.G	18
PLOG+3633	proteomics_log	1195441	1195548	+	1	65	R.HMGWTEAADLIVKGMGEGAINAKTVTYDFERLMDGAK.L	40
PLOG+3634	proteomics_log	1195441	1195530	+	1	94	R.HMGWTEAADLIVKGMGEGAINAKTVTYDFER.L	34
PLOG+3635	proteomics_log	1195441	1195479	+	1	164	R.HMGWTEAADLIVK.G	17
PLOG+3636	proteomics_log	1195441	1195506	+	1	243	R.HM*GWTEAADLIVKGMGEGAINAK.T	27
PLOG+3637	proteomics_log	1195441	1195506	+	1	541	R.HMGWTEAADLIVKGMGEGAINAK.T	26
PLOG+3638	proteomics_log	1195441	1195530	+	1	2	R.HM*GWTEAADLIVKGMGEGAINAKTVTYDFER.L	35
PLOG+3639	proteomics_log	1195441	1195506	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAK.T	28
PLOG+3640	proteomics_log	1195441	1195530	+	1	2	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFER.L	35
PLOG+3641	proteomics_log	1195441	1195506	+	1	17	R.HMGWTEAADLIVKGM*EGAINAK.T	27
PLOG+3642	proteomics_log	1195441	1195479	+	1	57	R.HM*GWTEAADLIVK.G	18
PLOG+3643	proteomics_log	1195441	1195530	+	1	94	R.HMGWTEAADLIVKGMGEGAINAKTVTYDFER.L	34
PLOG+3644	proteomics_log	1195441	1195479	+	1	164	R.HMGWTEAADLIVK.G	17
PLOG+3645	proteomics_log	1195441	1195506	+	1	243	R.HM*GWTEAADLIVKGMGEGAINAK.T	27
PLOG+3646	proteomics_log	1195441	1195506	+	1	541	R.HMGWTEAADLIVKGMGEGAINAK.T	26
PLOG+3647	proteomics_log	1195480	1195530	+	1	17	K.GMEGAINAKTVTYDFER.L	21
PLOG+3648	proteomics_log	1195480	1195506	+	1	41	K.GMEGAINAK.T	13
PLOG+3649	proteomics_log	1195480	1195506	+	1	41	K.GM*EGAINAK.T	14
PLOG+3650	proteomics_log	1195480	1195530	+	1	17	K.GMEGAINAKTVTYDFER.L	21
PLOG+3651	proteomics_log	1195480	1195506	+	1	41	K.GMEGAINAK.T	13
PLOG+3652	proteomics_log	1195480	1195506	+	1	41	K.GM*EGAINAK.T	14
PLOG+3653	proteomics_log	1195507	1195557	+	1	78	K.TVTYDFERLMDGAKLLK.C	21
PLOG+3654	proteomics_log	1195507	1195548	+	1	78	K.TVTYDFERLMDGAK.L	18
PLOG+3655	proteomics_log	1195507	1195530	+	1	82	K.TVTYDFER.L	12
PLOG+3656	proteomics_log	1195507	1195530	+	1	82	K.TVTYDFER.L	12
PLOG+3657	proteomics_log	1195513	1195530	+	1	3	V.TYDFER.L	10
PLOG+3658	proteomics_log	1195513	1195530	+	1	3	V.TYDFER.L	10
PLOG+3659	proteomics_log	1195531	1195557	+	1	9	R.LMDGAKLLK.C	13
PLOG+3660	proteomics_log	1195549	1195593	+	1	7	K.LLKCFEFGDAIENM.-	19
PLOG+3661	proteomics_log	1195558	1195593	+	1	2	K.CSEFGDAIENM*.-	17
PLOG+3662	proteomics_log	1200062	1200121	+	2	15	S.FFLITGVTNSPTNSASSRTR.H	24
PLOG+3663	proteomics_log	1205951	1205974	+	2	6	R.AAITAELR.S	12
PLOG+3664	proteomics_log	1206385	1206468	+	1	2	R.QQRDLDAKVNLAGGINEDFYLAQLAALGR.P	32
PLOG+3665	proteomics_log	1210645	1210710	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAK.T	28
PLOG+3666	proteomics_log	1210645	1210734	+	1	2	R.HM*GWTEAADLIVKGMGEGAINAKTVTYDFER.L	35
PLOG+3667	proteomics_log	1210645	1210734	+	1	2	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFER.L	35
PLOG+3668	proteomics_log	1210645	1210710	+	1	17	R.HMGWTEAADLIVKGM*EGAINAK.T	27
PLOG+3669	proteomics_log	1210645	1210683	+	1	57	R.HM*GWTEAADLIVK.G	18
PLOG+3670	proteomics_log	1210645	1210734	+	1	94	R.HMGWTEAADLIVKGMGEGAINAKTVTYDFER.L	34
PLOG+3671	proteomics_log	1210645	1210683	+	1	164	R.HMGWTEAADLIVK.G	17
PLOG+3672	proteomics_log	1210645	1210710	+	1	243	R.HM*GWTEAADLIVKGMGEGAINAK.T	27
PLOG+3673	proteomics_log	1210645	1210710	+	1	541	R.HMGWTEAADLIVKGMGEGAINAK.T	26
PLOG+3674	proteomics_log	1210645	1210734	+	1	2	R.HM*GWTEAADLIVKGMGEGAINAKTVTYDFER.L	35
PLOG+3675	proteomics_log	1210645	1210710	+	1	2	R.HM*GWTEAADLIVKGM*EGAINAK.T	28
PLOG+3676	proteomics_log	1210645	1210734	+	1	2	R.HMGWTEAADLIVKGM*EGAINAKTVTYDFER.L	35

PLOG+3677	proteomics_log	1210645	1210710	+	1	17	R.HMGWTEAADLIVKGM*EGAINAK.T	27
PLOG+3678	proteomics_log	1210645	1210683	+	1	57	R.HM*GWTEAADLIVK.G	18
PLOG+3679	proteomics_log	1210645	1210734	+	1	94	R.HMGWTEAADLIVKGMEGAINAKTVTYDFER.L	34
PLOG+3680	proteomics_log	1210645	1210683	+	1	164	R.HMGWTEAADLIVK.G	17
PLOG+3681	proteomics_log	1210645	1210710	+	1	243	R.HM*GWTEAADLIVKGMEGAINAK.T	27
PLOG+3682	proteomics_log	1210645	1210710	+	1	541	R.HMGWTEAADLIVKGMEGAINAK.T	26
PLOG+3683	proteomics_log	1210684	1210734	+	1	17	K.GMEGAINAKTVTYDFER.L	21
PLOG+3684	proteomics_log	1210684	1210710	+	1	41	K.GMEGAINAK.T	13
PLOG+3685	proteomics_log	1210684	1210710	+	1	41	K.GM*EGAINAK.T	14
PLOG+3686	proteomics_log	1210684	1210734	+	1	17	K.GMEGAINAKTVTYDFER.L	21
PLOG+3687	proteomics_log	1210684	1210710	+	1	41	K.GMEGAINAK.T	13
PLOG+3688	proteomics_log	1210684	1210710	+	1	41	K.GM*EGAINAK.T	14
PLOG+3689	proteomics_log	1210711	1210734	+	1	82	K.TVYDFER.L	12
PLOG+3690	proteomics_log	1210711	1210734	+	1	82	K.TVYDFER.L	12
PLOG+3691	proteomics_log	1210717	1210734	+	1	3	V.TYDFER.L	10
PLOG+3692	proteomics_log	1210717	1210734	+	1	3	V.TYDFER.L	10
PLOG+3693	proteomics_log	1226138	1226167	+	2	5	R.SGKINQTTTK.M	14
PLOG+3694	proteomics_log	1227036	1227083	+	3	7	K.GFGQPQLAMILPLDGR.K	20
PLOG+3695	proteomics_log	1227302	1227355	+	2	2	V.MYQHNNWQGALLDYPVSK.V	22
PLOG+3696	proteomics_log	1232588	1232689	+	2	2	L.TVRRSDGGQIGTINGDRQQLVLLQRDSATFHCR.F	38
PLOG+3697	proteomics_log	1234371	1234424	+	3	3	K.VNNFWETSGLNILETLAR.L	22
PLOG+3698	proteomics_log	1234425	1234475	+	3	5	R.LDHESVPQLIDNLLSVR.T	21
PLOG+3699	proteomics_log	1234611	1234667	+	3	8	R.GLAFASGNPIYGLILNGMK.G	23
PLOG+3700	proteomics_log	1237250	1237306	+	2	4	R.DIAVLEDAGVPYQLLESSR.L	23
PLOG+3701	proteomics_log	1238105	1238167	+	2	3	M.TRPIQASLDLQALKQNLIVR.Q	25
PLOG+3702	proteomics_log	1240434	1240517	+	3	4	Q.PQHQEHGDLRQPGEAVEILQDAVAVANR.A	32
PLOG+3703	proteomics_log	1242538	1242624	+	1	22	K.AGAAWGVDPQLITAIIESGGNPNVSK.S	33
PLOG+3704	proteomics_log	1242892	1242948	+	1	7	K.AISKINDLDADEFLEHVAR.N	23
PLOG+3705	proteomics_log	1242904	1242948	+	1	3	K.INDLDADEFLEHVAR.N	19
PLOG+3706	proteomics_log	1242976	1243011	+	1	9	R.YYKLEQALDAM.-	16
PLOG+3707	proteomics_log	1251372	1251476	+	3	7	K.ALLSQAIHNESERAAGPYIAVNCELYGDAALAEFF.I	39
PLOG+3708	proteomics_log	1253992	1254078	+	1	11	-.IPLAAPVIAKLSPVILPPLRAHKPSAR.L	33
PLOG+3709	proteomics_log	1256908	1256985	+	1	2	T.TPVFGSMVQNGKLAASIPALVLSALNR.V	30
PLOG+3710	proteomics_log	1264355	1264384	+	2	4	R.EYAQLSDVSR.C	14
PLOG+3711	proteomics_log	1264583	1264633	+	2	97	R.AGTGGDEAALFAGDLFR.M	21
PLOG+3712	proteomics_log	1264784	1264819	+	2	2	R.VQRPATESQGR.I	16
PLOG+3713	proteomics_log	1265066	1265092	+	2	2	R.IHAAEMAKR.Q	13
PLOG+3714	proteomics_log	1267388	1267480	+	2	2	P.M*KQKVVSIGDINVANDLPFVLFGGM*NVLESR.D	37
PLOG+3715	proteomics_log	1267388	1267495	+	2	7	P.MKQKVVSIGDINVANDLPFVLFGGMNVLESRDAMR.I	40
PLOG+3716	proteomics_log	1267388	1267480	+	2	18	P.M*KQKVVSIGDINVANDLPFVLFGGMNVLESR.D	36
PLOG+3717	proteomics_log	1267388	1267480	+	2	215	P.MKQKVVSIGDINVANDLPFVLFGGMNVLESR.D	35
PLOG+3718	proteomics_log	1267394	1267480	+	2	25	K.QKVVSIGDINVANDLPFVLFGGMNVLESR.D	33
PLOG+3719	proteomics_log	1267400	1267495	+	2	3	K.VVSIGDINVANDLPFVLFGGMNVLESRDAMR.I	36
PLOG+3720	proteomics_log	1267400	1267480	+	2	19	K.VVSIGDINVANDLPFVLFGGM*NVLESR.D	32
PLOG+3721	proteomics_log	1267400	1267480	+	2	272	K.VVSIGDINVANDLPFVLFGGMNVLESR.D	31
PLOG+3722	proteomics_log	1267496	1267552	+	2	2	R.ICEHYVTVTQKLGIPYVFK.A	23

PLOG+3723	proteomics_log	1267529	1267552	+	2	2	K.LGIPYVFK.A	12
PLOG+3724	proteomics_log	1267553	1267576	+	2	27	K.ASFDKANR.S	12
PLOG+3725	proteomics_log	1267577	1267624	+	2	2	R.SSIHSYRGPGLLEEGMK.I	20
PLOG+3726	proteomics_log	1267577	1267624	+	2	2	R.SSIHSYRGPGLLEEGM*K.I	21
PLOG+3727	proteomics_log	1267577	1267660	+	2	5	R.SSIHSYRGPGLLEEGM*KIFQELKQTFGVK.I	33
PLOG+3728	proteomics_log	1267577	1267642	+	2	10	R.SSIHSYRGPGLLEEGM*KIFQELK.Q	27
PLOG+3729	proteomics_log	1267577	1267642	+	2	52	R.SSIHSYRGPGLLEEGMKIFQELK.Q	26
PLOG+3730	proteomics_log	1267577	1267660	+	2	141	R.SSIHSYRGPGLLEEGMKIFQELKQTFGVK.I	32
PLOG+3731	proteomics_log	1267625	1267660	+	2	29	K.IFQELKQTFGVK.I	16
PLOG+3732	proteomics_log	1267661	1267747	+	2	290	K.IITDVHEPSQAQPVADVVDVIQLPAFLAR.Q	33
PLOG+3733	proteomics_log	1267748	1267777	+	2	15	R.QTDLVEAMAK.T	14
PLOG+3734	proteomics_log	1267778	1267873	+	2	3	K.TGAVINVKKPKQFVSPGQM*GNIVDKFKEGGNEK.V	37
PLOG+3735	proteomics_log	1267802	1267855	+	2	2	K.KPQFVSPGQMGNIVDKFK.E	22
PLOG+3736	proteomics_log	1267802	1267873	+	2	6	K.KPQFVSPGQMGNIVDKFKEGGNEK.V	28
PLOG+3737	proteomics_log	1267823	1267891	+	2	6	P.GQM*GNIVDKFKEGGNEKVILCDR.G	28
PLOG+3738	proteomics_log	1267892	1267951	+	2	7	R.GANFGYDNLVVDMLGFSIM*K.K	25
PLOG+3739	proteomics_log	1267892	1267954	+	2	15	R.GANFGYDNLVVDMLGFSIMKK.V	25
PLOG+3740	proteomics_log	1267892	1267951	+	2	90	R.GANFGYDNLVVDMLGFSIMK.K	24
PLOG+3741	proteomics_log	1268009	1268038	+	2	49	R.DPFGAASGGR.R	14
PLOG+3742	proteomics_log	1268039	1268065	+	2	25	R.RAQVAELAR.A	13
PLOG+3743	proteomics_log	1268066	1268164	+	2	2	R.AGMVGLAGLGFIEAHPDPEHAKCDGPSALPLAK.L	37
PLOG+3744	proteomics_log	1268066	1268131	+	2	68	R.AGMVGLAGLGFIEAHPDPEHAK.C	26
PLOG+3745	proteomics_log	1268165	1268239	+	2	69	K.LEPFLKQMKAIDDLKVGFEELDTSK.-	29
PLOG+3746	proteomics_log	1268183	1268239	+	2	8	K.QMKAIDDLKVGFEELDTSK.-	23
PLOG+3747	proteomics_log	1268192	1268239	+	2	281	K.AIDDLKVGFEELDTSK.-	20
PLOG+3748	proteomics_log	1268213	1268239	+	2	12	K.GFEELDTSK.-	13
PLOG+3749	proteomics_log	1284093	1284161	+	3	3	D.GKVDTRALEEVGLTEAQAQEM*YR.Y	28
PLOG+3750	proteomics_log	1287948	1287968	+	3	5	G.IVATKLR.T	11
PLOG+3751	proteomics_log	1290683	1290709	+	2	3	M.AAINTKVKK.A	13
PLOG+3752	proteomics_log	1290683	1290742	+	2	15	M.AAINTKVKKAVIPVAGLGTR.M	24
PLOG+3753	proteomics_log	1290701	1290742	+	2	52	K.VKKAVIPVAGLGTR.M	18
PLOG+3754	proteomics_log	1290707	1290742	+	2	86	K.KAVIPVAGLGTR.M	16
PLOG+3755	proteomics_log	1290710	1290742	+	2	16	K.AVIPVAGLGTR.M	15
PLOG+3756	proteomics_log	1290875	1290934	+	2	11	K.NSIENHFDTSFELEAMLEK.R	24
PLOG+3757	proteomics_log	1291019	1291150	+	2	3	K.GLGHAVLCAHPVVGDEPVAVILPDVILDEYESDLSQDNLAEMIR.R	48
PLOG+3758	proteomics_log	1291151	1291234	+	2	12	R.RFDETGHSQIMVEPVADVAYGVVDCKG.V	32
PLOG+3759	proteomics_log	1291232	1291291	+	2	2	K.GVELAPGESVPMVGVVEKPK.A	24
PLOG+3760	proteomics_log	1291232	1291330	+	2	45	K.GVELAPGESVPMVGVVEKPKADVAPSNLAIVGR.Y	37
PLOG+3761	proteomics_log	1291292	1291330	+	2	18	K.ADVAPSNLAIVGR.Y	17
PLOG+3762	proteomics_log	1291331	1291369	+	2	234	R.YVLSADIWPLAK.T	17
PLOG+3763	proteomics_log	1291370	1291432	+	2	2	K.TPPGAGDEIQLTDAIDM*LIEK.E	26
PLOG+3764	proteomics_log	1291370	1291459	+	2	2	K.TPPGAGDEIQLTDAIDM*LIEKETVEAYHM*K.G	36
PLOG+3765	proteomics_log	1291370	1291465	+	2	23	K.TPPGAGDEIQLTDAIDMLIEKETVEAYHMKG.S	36
PLOG+3766	proteomics_log	1291370	1291459	+	2	64	K.TPPGAGDEIQLTDAIDMLIEKETVEAYHMK.G	34
PLOG+3767	proteomics_log	1291433	1291459	+	2	4	K.ETVEAYHM*K.G	14
PLOG+3768	proteomics_log	1291487	1291525	+	2	4	K.LGYM*QAFVEYGIR.H	18

PLOG+3769	proteomics_log	1291487	1291525	+	2	8	K.LGYMQAFVEYGIR.H	17
PLOG+3770	proteomics_log	1291526	1291552	+	2	3	R.HNTLGTTEFK.A	13
PLOG+3771	proteomics_log	1291526	1291585	+	2	105	R.HNTLGTTEFKAWLEEEEMGIKK.-	24
PLOG+3772	proteomics_log	1291553	1291585	+	2	8	K.AWLEEEEMGIKK.-	15
PLOG+3773	proteomics_log	1292795	1292836	+	2	5	K.STALLQSSYNYQER.G	18
PLOG+3774	proteomics_log	1293101	1293175	+	2	2	R.TDFRGELFIGSQYLLAWSDKLVELK.T	29
PLOG+3775	proteomics_log	1299284	1299319	+	2	121	A.ADVPAAGVTLAEK.Q	16
PLOG+3776	proteomics_log	1299284	1299334	+	2	226	A.ADVPAAGVTLAEKQTLVR.N	21
PLOG+3777	proteomics_log	1299293	1299334	+	2	7	V.PAGVTLAEKQTLVR.N	18
PLOG+3778	proteomics_log	1299335	1299406	+	2	157	R.NNGSEVQSLDPHKIEGVPEISNR.D	28
PLOG+3779	proteomics_log	1299407	1299484	+	2	2	R.DLFEGLLVSDLDGHPAPGVAESWDNK.D	30
PLOG+3780	proteomics_log	1299407	1299493	+	2	107	R.DLFEGLLVSDLDGHPAPGVAESWDNKDAK.V	33
PLOG+3781	proteomics_log	1299494	1299517	+	2	9	K.VWTFHLRK.D	12
PLOG+3782	proteomics_log	1299515	1299580	+	2	56	R.KDAKWSGTPVTAQDFVYSWQR.S	26
PLOG+3783	proteomics_log	1299518	1299580	+	2	108	K.DAKWSGTPVTAQDFVYSWQR.S	25
PLOG+3784	proteomics_log	1299527	1299580	+	2	338	K.WSDGTPVTAQDFVYSWQR.S	22
PLOG+3785	proteomics_log	1299581	1299667	+	2	2	R.SVDPNTASPYASYLQYGHIAIDEILEGK.K	33
PLOG+3786	proteomics_log	1299581	1299694	+	2	280	R.SVDPNTASPYASYLQYGHIAIDEILEGKKPITDLGVK.A	42
PLOG+3787	proteomics_log	1299605	1299694	+	2	2	S.PYASYLQYGHIAIDEILEGKKPITDLGVK.A	34
PLOG+3788	proteomics_log	1299668	1299694	+	2	2	K.KPITDLGVK.A	13
PLOG+3789	proteomics_log	1299695	1299790	+	2	78	K.AIDDHTLEVTLSEVPYFYKLLVHPSTSPVPK.A	36
PLOG+3790	proteomics_log	1299695	1299754	+	2	407	K.AIDDHTLEVTLSEVPYFYK.L	24
PLOG+3791	proteomics_log	1299752	1299790	+	2	4	Y.KLLVHPSTSPVPK.A	17
PLOG+3792	proteomics_log	1299755	1299886	+	2	2	K.LLVHPSTSPVPKAAIEKFGEKWTQPGNIVTNGAYTLKDWWVNER.I	48
PLOG+3793	proteomics_log	1299755	1299805	+	2	120	K.LLVHPSTSPVPKAAIEK.F	21
PLOG+3794	proteomics_log	1299755	1299790	+	2	191	K.LLVHPSTSPVPK.A	16
PLOG+3795	proteomics_log	1299791	1299865	+	2	2	K.AAIEKFGEKWTQPGNIVTNGAYTLK.D	29
PLOG+3796	proteomics_log	1299791	1299817	+	2	4	K.AAIEKFGEK.W	13
PLOG+3797	proteomics_log	1299791	1299886	+	2	260	K.AAIEKFGEKWTQPGNIVTNGAYTLKDWWVNER.I	36
PLOG+3798	proteomics_log	1299806	1299886	+	2	297	K.FGEKWTQPGNIVTNGAYTLKDWWVNER.I	31
PLOG+3799	proteomics_log	1299818	1299865	+	2	4	K.WTQPGNIVTNGAYTLK.D	20
PLOG+3800	proteomics_log	1299818	1299886	+	2	55	K.WTQPGNIVTNGAYTLKDWWVNER.I	27
PLOG+3801	proteomics_log	1299887	1299928	+	2	91	R.IVLSRPTYWNNNAK.T	18
PLOG+3802	proteomics_log	1299902	1299988	+	2	6	R.SPTYWNNNAKTVINQVTYLPPIASEVTDVNR.Y	33
PLOG+3803	proteomics_log	1299902	1299928	+	2	35	R.SPTYWNNNAK.T	13
PLOG+3804	proteomics_log	1299902	1299994	+	2	41	R.SPTYWNNNAKTVINQVTYLPPIASEVTDVNR.YR.S	35
PLOG+3805	proteomics_log	1299929	1300048	+	2	4	K.TVINQVTYLPPIASEVTDVNRYSGEIDMTNNSMPIELFQK.L	44
PLOG+3806	proteomics_log	1299929	1299994	+	2	10	K.TVINQVTYLPPIASEVTDVNR.YR.S	26
PLOG+3807	proteomics_log	1299929	1299988	+	2	348	K.TVINQVTYLPPIASEVTDVNR.Y	24
PLOG+3808	proteomics_log	1299989	1300048	+	2	10	R.YRSGEIDMTNNSMPIELFQK.L	24
PLOG+3809	proteomics_log	1299989	1300057	+	2	10	R.YRSGEIDMTNNSMPIELFQK.LK.K.E	27
PLOG+3810	proteomics_log	1299995	1300057	+	2	2	R.SGEIDM*TNNSMPIELFQK.LK.K.E	26
PLOG+3811	proteomics_log	1299995	1300057	+	2	2	R.SGEIDM*TNNSM*PIELFQK.LK.K.E	27
PLOG+3812	proteomics_log	1299995	1300048	+	2	4	R.SGEIDM*TNNSMPIELFQK.L	23
PLOG+3813	proteomics_log	1299995	1300048	+	2	9	R.SGEIDMTNNSM*PIELFQK.L	23
PLOG+3814	proteomics_log	1299995	1300048	+	2	4	R.SGEIDM*TNNSM*PIELFQK.L	24

PLOG+3815	proteomics_log	1299995	1300057	+	2	104	R.SGEIDMTNNSMPIELFQKLLK.E	25
PLOG+3816	proteomics_log	1299995	1300048	+	2	296	R.SGEIDMTNNSMPIELFQK.L	22
PLOG+3817	proteomics_log	1300049	1300147	+	2	2	K.LKKEIPDEVHVDPYLCTYYEINNQKPPFNDVR.V	37
PLOG+3818	proteomics_log	1300154	1300198	+	2	2	R.TALKLGM*DRDIIVNK.V	20
PLOG+3819	proteomics_log	1300154	1300204	+	2	17	R.TALKLGM*DRDIIVNKV.K.A	22
PLOG+3820	proteomics_log	1300154	1300198	+	2	49	R.TALKLGM*DRDIIVNK.V	19
PLOG+3821	proteomics_log	1300154	1300204	+	2	382	R.TALKLGM*DRDIIVNKV.K.A	21
PLOG+3822	proteomics_log	1300166	1300204	+	2	4	K.LGM*DRDIIVNKV.K.A	18
PLOG+3823	proteomics_log	1300166	1300198	+	2	31	K.LGMDRDIIVNK.V	15
PLOG+3824	proteomics_log	1300166	1300204	+	2	141	K.LGMDRDIIVNKV.K.A	17
PLOG+3825	proteomics_log	1300205	1300261	+	2	110	K.AQGNMPAYGYTPPYTDGAK.L	23
PLOG+3826	proteomics_log	1300262	1300303	+	2	15	K.LTQPEWFGWSQEK.R	18
PLOG+3827	proteomics_log	1300262	1300300	+	2	39	K.LTQPEWFGWSQEK.R	17
PLOG+3828	proteomics_log	1300301	1300399	+	2	2	K.RNEEAKLLAEAGYTADKPLTINLLYNTSDLHK.K	37
PLOG+3829	proteomics_log	1300304	1300402	+	2	18	R.NEEAKLLAEAGYTADKPLTINLLYNTSDLHKK.L	37
PLOG+3830	proteomics_log	1300304	1300399	+	2	31	R.NEEAKLLAEAGYTADKPLTINLLYNTSDLHK.K	36
PLOG+3831	proteomics_log	1300319	1300399	+	2	30	K.KLLAEAGYTADKPLTINLLYNTSDLHK.K	31
PLOG+3832	proteomics_log	1300319	1300402	+	2	130	K.KLLAEAGYTADKPLTINLLYNTSDLHKK.L	32
PLOG+3833	proteomics_log	1300322	1300402	+	2	70	K.LLAEAGYTADKPLTINLLYNTSDLHKK.L	31
PLOG+3834	proteomics_log	1300322	1300399	+	2	161	K.LLAEAGYTADKPLTINLLYNTSDLHK.K	30
PLOG+3835	proteomics_log	1300328	1300402	+	2	7	L.AEAGYTADKPLTINLLYNTSDLHKK.L	29
PLOG+3836	proteomics_log	1300352	1300402	+	2	16	D.KPLTINLLYNTSDLHKK.L	21
PLOG+3837	proteomics_log	1300400	1300432	+	2	116	K.KLAIAASSLWK.K	15
PLOG+3838	proteomics_log	1300400	1300435	+	2	128	K.KLAIAASSLWKK.N	16
PLOG+3839	proteomics_log	1300403	1300432	+	2	138	K.LAIAASSLWK.K	14
PLOG+3840	proteomics_log	1300403	1300435	+	2	168	K.LAIAASSLWKK.N	15
PLOG+3841	proteomics_log	1300433	1300456	+	2	13	K.KNIGVNVK.L	12
PLOG+3842	proteomics_log	1300433	1300495	+	2	21	K.KNIGVNVKLVNQEWKTFDTR.H	25
PLOG+3843	proteomics_log	1300436	1300522	+	2	11	K.NIGVNVKLVNQEWKTFDTRHQTDFDVAR.A	33
PLOG+3844	proteomics_log	1300436	1300456	+	2	31	K.NIGVNVK.L	11
PLOG+3845	proteomics_log	1300436	1300477	+	2	39	K.NIGVNVKLVNQEWK.T	18
PLOG+3846	proteomics_log	1300436	1300495	+	2	125	K.NIGVNVKLVNQEWKTFDTR.H	24
PLOG+3847	proteomics_log	1300457	1300522	+	2	5	K.LVNQEWKTFDTRHQTDFDVAR.A	26
PLOG+3848	proteomics_log	1300457	1300477	+	2	6	K.LVNQEWK.T	11
PLOG+3849	proteomics_log	1300457	1300495	+	2	287	K.LVNQEWKTFDTR.H	17
PLOG+3850	proteomics_log	1300478	1300522	+	2	3	K.TFLDTRHQTDFDVAR.A	19
PLOG+3851	proteomics_log	1300496	1300522	+	2	139	R.HQTDFDVAR.A	13
PLOG+3852	proteomics_log	1300523	1300609	+	2	7	R.AGWCADYNEPTSFLNTMLSNSSMNTAHYK.S	33
PLOG+3853	proteomics_log	1300610	1300648	+	2	2	K.SPAFDSIM*AETLK.V	18
PLOG+3854	proteomics_log	1300610	1300669	+	2	6	K.SPAFDSIM*AETLKVTDEAQR.T	25
PLOG+3855	proteomics_log	1300610	1300648	+	2	70	K.SPAFDSIMAETLK.V	17
PLOG+3856	proteomics_log	1300610	1300669	+	2	208	K.SPAFDSIMAETLKVTDEAQR.T	24
PLOG+3857	proteomics_log	1300670	1300750	+	2	336	R.TALYTKAEQQLDKDSAIVPVYYYYVNAR.L	31
PLOG+3858	proteomics_log	1300688	1300750	+	2	246	K.AEQQLDKDSAIVPVYYYYVNAR.L	25
PLOG+3859	proteomics_log	1300709	1300750	+	2	8	K.DSAIVPVYYYYVNAR.L	18
PLOG+3860	proteomics_log	1300751	1300834	+	2	3	R.LVKPWVGGYTGKDPDNTYTRNM*YIVKH.-	33

PLOG+3861	proteomics_log	1300751	1300834	+	2	6	R.LVKPWVGGYTGKDPLDNTYTRNMYIVKH.-	32
PLOG+3862	proteomics_log	1300751	1300813	+	2	414	R.LVKPWVGGYTGKDPLDNTYTR.N	25
PLOG+3863	proteomics_log	1300814	1300834	+	2	4	R.NM*YIVKH.-	12
PLOG+3864	proteomics_log	1300814	1300834	+	2	42	R.NMYIVKH.-	11
PLOG+3865	proteomics_log	1303144	1303221	+	1	13	R.VGEQLMEVLMHLHNMSKAEAFESVR.M	30
PLOG+3866	proteomics_log	1303144	1303182	+	1	22	R.VGEQLMEVLMHLK.N	17
PLOG+3867	proteomics_log	1303222	1303254	+	1	3	R.MLDAVKMPEAR.K	15
PLOG+3868	proteomics_log	1303788	1303814	+	3	2	V.MNAVTEGRK.V	13
PLOG+3869	proteomics_log	1304088	1304138	+	3	6	R.SDIQMIFQDPLASLNPR.M	21
PLOG+3870	proteomics_log	1304574	1304690	+	3	2	R.ALMSAVPIPDPLEKNKTIQLLEGELPSPINPPSGCVFR.T	43
PLOG+3871	proteomics_log	1304691	1304726	+	3	5	R.TRCPIAGPECAK.T	16
PLOG+3872	proteomics_log	1309509	1309574	+	3	12	R.LTSSTATAATSKPVTSVASGPR.A	26
PLOG+3873	proteomics_log	1312107	1312133	+	3	6	A.HEAGEFFMR.A	13
PLOG+3874	proteomics_log	1322125	1322166	+	1	8	M.SQFFYIHPDNPQQR.L	18
PLOG+3875	proteomics_log	1322167	1322196	+	1	35	R.LINQAVEIVR.K	14
PLOG+3876	proteomics_log	1322251	1322277	+	1	2	K.IEDKNAMER.I	13
PLOG+3877	proteomics_log	1322332	1322382	+	1	26	R.DLSELSTYSFVDNVAFR.L	21
PLOG+3878	proteomics_log	1325029	1325055	+	1	3	R.IDGHLISVR.E	13
PLOG+3879	proteomics_log	1326750	1326797	+	3	3	H.KGGINVDLHDVLPDLR.I	20
PLOG+3880	proteomics_log	1327623	1327661	+	3	8	K.AKLGEVATDSKPR.V	17
PLOG+3881	proteomics_log	1327629	1327661	+	3	37	K.LGEVATDSKPR.V	15
PLOG+3882	proteomics_log	1327683	1327775	+	3	14	K.GSMDAHEVNSLREEITAVLAAFQDQVVL.R.L	35
PLOG+3883	proteomics_log	1327716	1327775	+	3	2	L.REEITAVLAAFQDQVVL.R.L	24
PLOG+3884	proteomics_log	1328001	1328048	+	3	2	K.SKDIDIELHTAGQYKR.T	20
PLOG+3885	proteomics_log	1328094	1328144	+	3	2	K.FREELNETHQLFKDFVK.R	21
PLOG+3886	proteomics_log	1328094	1328147	+	3	3	K.FREELNETHQLFKDFVKR.M	22
PLOG+3887	proteomics_log	1328220	1328279	+	3	36	K.GLVDEINTSDEVILSLMEGR.E	24
PLOG+3888	proteomics_log	1329075	1329110	+	3	3	M.GKALVIVESPAK.A	16
PLOG+3889	proteomics_log	1329075	1329116	+	3	32	M.GKALVIVESPAKAK.T	18
PLOG+3890	proteomics_log	1329117	1329155	+	3	45	K.TINKYLGSDYVVK.S	17
PLOG+3891	proteomics_log	1329156	1329206	+	3	5	K.SSVGHIRDLPTSGSAK.K	21
PLOG+3892	proteomics_log	1329282	1329344	+	3	4	R.MGVDPWHNWEAHYEVLPGKEK.V	25
PLOG+3893	proteomics_log	1329378	1329443	+	3	2	K.ADHIYLATDLDREGEIAWHLR.E	26
PLOG+3894	proteomics_log	1329444	1329470	+	3	3	R.EVIGGDDAR.Y	13
PLOG+3895	proteomics_log	1329471	1329515	+	3	5	R.YSRVVFNEITKNAIR.Q	19
PLOG+3896	proteomics_log	1329591	1329626	+	3	6	R.VVGYMVSPLLWK.K	16
PLOG+3897	proteomics_log	1329639	1329677	+	3	3	R.GLSAGRVQSVAVR.L	17
PLOG+3898	proteomics_log	1331391	1331435	+	3	12	R.DGAAGVFLAANTFPK.S	19
PLOG+3899	proteomics_log	1331436	1331477	+	3	3	K.SRETRAPLVEELYR.F	18
PLOG+3900	proteomics_log	1331508	1331561	+	3	2	R.YLADAPQQDPEGNKTMR.F	22
PLOG+3901	proteomics_log	1331508	1331561	+	3	2	R.YLADAPQQDPEGNKTMR*VR.F	23
PLOG+3902	proteomics_log	1331574	1331612	+	3	2	K.TKQQYVSSEKDGK.A	17
PLOG+3903	proteomics_log	1331993	1332031	+	2	24	R.MLEDELGIQIFSR.S	17
PLOG+3904	proteomics_log	1332032	1332082	+	2	8	R.SGKHLTQVTPAGQEIIR.I	21
PLOG+3905	proteomics_log	1332770	1332799	+	2	3	R.DVVDAAVLR.S	14
PLOG+3906	proteomics_log	1333873	1333902	+	1	2	R.EASKDTLQAK.D	14

PLOG+3907	proteomics_log	1333903	1333944	+	1	2	K.DKTYHYYSPLAAK.S	18
PLOG+3908	proteomics_log	1333975	1334007	+	1	2	K.SLKVLELLR.W	15
PLOG+3909	proteomics_log	1333984	1334007	+	1	3	K.VLLENLLR.W	12
PLOG+3910	proteomics_log	1334008	1334067	+	1	7	R.WQDGNVTEEDIHALAGWLK.N	24
PLOG+3911	proteomics_log	1334110	1334166	+	1	19	R.VLMQDFTGVPVVDLAAMR.E	23
PLOG+3912	proteomics_log	1334632	1334682	+	1	7	R.EGITATDLVLTVTQMLR.K	21
PLOG+3913	proteomics_log	1334704	1334754	+	1	3	K.FVEFYGDGLDSLPLADR.A	21
PLOG+3914	proteomics_log	1335415	1335456	+	1	8	K.KSDLTVGAVLSGNR.N	18
PLOG+3915	proteomics_log	1335844	1335927	+	1	14	R.ILAMLGDSVTTDHISPAGSIKPDSPAGR.Y	32
PLOG+3916	proteomics_log	1335982	1336008	+	1	2	R.RGNHEVMMR.G	13
PLOG+3917	proteomics_log	1336030	1336074	+	1	3	R.IRNEMVPGVEGGMTR.H	19
PLOG+3918	proteomics_log	1336075	1336122	+	1	2	R.HLPDSDVVSIIYDAAMR.Y	20
PLOG+3919	proteomics_log	1336264	1336320	+	1	2	R.SNLIGM*GILPLEFPQGVTR.K	24
PLOG+3920	proteomics_log	1336264	1336320	+	1	27	R.SNLIGMGILPLEFPQGVTR.K	23
PLOG+3921	proteomics_log	1336351	1336413	+	1	2	K.IDIGDLQNLQPGATVPVTLTR.A	25
PLOG+3922	proteomics_log	1336453	1336515	+	1	3	R.IDTATELTYQNDGILHYVIR.N	25
PLOG+3923	proteomics_log	1338741	1338821	+	3	3	K.AVDLFLDMLKEDTGTVEAHLTLGNLFR.S	31
PLOG+3924	proteomics_log	1339467	1339502	+	3	4	R.DGSEAAQVYITR.Q	16
PLOG+3925	proteomics_log	1339948	1339974	+	1	7	M.TLTASSSSR.A	13
PLOG+3926	proteomics_log	1339975	1340061	+	1	3	R.AVTNSPVVVALDYHNRDDALAFVDKIDPR.D	33
PLOG+3927	proteomics_log	1340071	1340136	+	1	2	R.LKVGKEMFTLFGPQFVRELQQR.G	26
PLOG+3928	proteomics_log	1340071	1340121	+	1	10	R.LKVGKEMFTLFGPQFVR.E	21
PLOG+3929	proteomics_log	1340077	1340121	+	1	15	K.VGKEMFTLFGPQFVR.E	19
PLOG+3930	proteomics_log	1340086	1340121	+	1	30	K.EMFTLFGPQFVR.E	16
PLOG+3931	proteomics_log	1340137	1340163	+	1	3	R.GFDIFLDLK.F	13
PLOG+3932	proteomics_log	1340164	1340259	+	1	26	K.FHDIPNTAAHAAAAADLGVWMVNVHASGGAR.M	36
PLOG+3933	proteomics_log	1340278	1340403	+	1	14	R.EALVPFGKDAPLLIAVTVLTSMEASDLVDLGMTLSPADYAER.L	46
PLOG+3934	proteomics_log	1340470	1340499	+	1	7	R.FKQVFGQEFK.L	14
PLOG+3935	proteomics_log	1340500	1340553	+	1	2	K.LVTPGIRPQGSEAGDQRR.I	22
PLOG+3936	proteomics_log	1340554	1340673	+	1	3	R.IMTPEQALSAGVDYMVIGRPVTSVDPAQTLKAINASLQR.S	44
PLOG+3937	proteomics_log	1340554	1340649	+	1	125	R.IMTPEQALSAGVDYMVIGRPVTSVDPAQTLK.A	36
PLOG+3938	proteomics_log	1340703	1340744	+	3	2	R.LVYSTETGRIDEPK.A	18
PLOG+3939	proteomics_log	1340886	1340954	+	3	4	K.KKCGCGGAVKDGVIIEIQGDKRDL.L	27
PLOG+3940	proteomics_log	1342008	1342061	+	3	2	R.DVAADRDDSDIFLLLAQS.P	22
PLOG+3941	proteomics_log	1359234	1359326	+	3	2	K.YLNAIHAGGLPIALPHALAEPSLLEQLLPK.L	35
PLOG+3942	proteomics_log	1361688	1361735	+	3	3	R.LLLEESIADEFLALLK.Q	20
PLOG+3943	proteomics_log	1363577	1363600	+	2	2	M.SNNEFHQR.R	12
PLOG+3944	proteomics_log	1364186	1364227	+	2	2	F.EPVQGEFFNVAPK.E	18
PLOG+3945	proteomics_log	1364654	1364761	+	2	2	D.PQTGEPASAAIAQKIQRALAQGLLLTCGAYGNVIR.F	40
PLOG+3946	proteomics_log	1366121	1366192	+	2	10	R.FADIVNANINALLEKAEDPQKLV.R.L	28
PLOG+3947	proteomics_log	1366121	1366165	+	2	10	R.FADIVNANINALLEK.A	19
PLOG+3948	proteomics_log	1366193	1366234	+	2	16	R.LMIQEMEDTLVEVR.S	18
PLOG+3949	proteomics_log	1366250	1366279	+	2	3	R.ALAEKKQLTR.R	14
PLOG+3950	proteomics_log	1366280	1366303	+	2	18	R.RIEQASAR.E	12
PLOG+3951	proteomics_log	1366367	1366453	+	2	4	R.AALIEKQKLTDLIKSLEHEVTLVDDTLAR.M	33
PLOG+3952	proteomics_log	1366409	1366453	+	2	4	K.SLEHEVTLVDDTLAR.M	19

PLOG+3953	proteomics_log	1366454	1366501	+	2	2	R.M*KKEIGELENKLSETR.A	21
PLOG+3954	proteomics_log	1366565	1366603	+	2	7	R.QLDSGKLEAMAR.F	17
PLOG+3955	proteomics_log	1366622	1366675	+	2	6	R.RIDQM*EAEAESHSGFKQK.S	23
PLOG+3956	proteomics_log	1366622	1366669	+	2	8	R.RIDQMEAEAESHSGFK.Q	20
PLOG+3957	proteomics_log	1366622	1366675	+	2	28	R.RIDQMEAEAESHSGFKQK.S	22
PLOG+3958	proteomics_log	1366676	1366744	+	2	13	K.SLDDQFAELKADDAISEQLAQLK.A	27
PLOG+3959	proteomics_log	1366676	1366750	+	2	63	K.SLDDQFAELKADDAISEQLAQLKAK.M	29
PLOG+3960	proteomics_log	1367794	1367865	+	1	8	R.VPEQYQQEHVQGAINIPLKEVKER.I	28
PLOG+3961	proteomics_log	1367794	1367859	+	1	8	R.VPEQYQQEHVQGAINIPLKEVK.E	26
PLOG+3962	proteomics_log	1367866	1367904	+	1	26	R.IATAVPDKNDTVK.V	17
PLOG+3963	proteomics_log	1367944	1368015	+	1	6	K.EILSEMGYTHVENAGGLKDIAMPK.V	28
PLOG+3964	proteomics_log	1369521	1369586	+	3	2	L.GSRNDYAGVEKLGYNRAINRKK.Y	26
PLOG+3965	proteomics_log	1383344	1383397	+	2	2	N.RLSDGAPLTVYPGEVPAR.L	22
PLOG+3966	proteomics_log	1387797	1387916	+	3	2	R.AISAALPLVPQVSFADLDGPTWLAVDVEPALQFTTGELHL.-	44
PLOG+3967	proteomics_log	1388011	1388049	+	1	3	M.QVQICTPTAERAR.R	17
PLOG+3968	proteomics_log	1391407	1391511	+	1	2	K.AVGLPEIQVIRDLFEGLVQNQNEKGEIVPGVATQWK.S	39
PLOG+3969	proteomics_log	1391629	1391700	+	1	18	K.TLSPFAWF AALAGINNAQAIIDGK.A	28
PLOG+3970	proteomics_log	1391752	1391823	+	1	2	K.IQLDKPLPWFVNLTANFAFFPVQK.A	28
PLOG+3971	proteomics_log	1392463	1392483	+	1	2	K.NLGV DVK.L	11
PLOG+3972	proteomics_log	1392778	1392840	+	1	3	R.LIKPWLKGYPINNPEDVAYS.R	25
PLOG+3973	proteomics_log	1423901	1423969	+	2	2	R.CLSRIQSCTGRSLQKQPASPRVK.S	27
PLOG+3974	proteomics_log	1446476	1446535	+	2	7	R.IYIEAPLFDTLVSGFEQAVK.S	24
PLOG+3975	proteomics_log	1458206	1458253	+	2	46	G.KTVLQIADYPGM*LIWR.T	21
PLOG+3976	proteomics_log	1459223	1459267	+	2	2	R.AIKAGDGDLLIAGGV.E	19
PLOG+3977	proteomics_log	1459238	1459360	+	2	2	G.DGDLLIAGGVESM*SRAPFVMGKAASAFSRQAEMFDTTIGWR.F	46
PLOG+3978	proteomics_log	1461665	1461727	+	2	8	R.GGEIWLGS L AALLEGLGFGER.F	25
PLOG+3979	proteomics_log	1462498	1462593	+	1	13	M.PIYQIDGLTPVVPEESFVHPTAVLIGDVILGK.G	36
PLOG+3980	proteomics_log	1463758	1463865	+	1	2	T.PVPPTPGGDEIIPDDPDDTPTPPKPVSFNNDVILDK.T	40
PLOG+3981	proteomics_log	1465133	1465162	+	2	2	K.EILLFPILDR.L	14
PLOG+3982	proteomics_log	1472248	1472277	+	1	4	M.SSNTFTLGTK.S	14
PLOG+3983	proteomics_log	1472374	1472451	+	1	3	R.EALALGVNHIDTSDFYGPHVTNQIIR.E	30
PLOG+3984	proteomics_log	1472452	1472496	+	1	6	R.EALYPYSDDLITVTK.I	19
PLOG+3985	proteomics_log	1472509	1472562	+	1	2	R.RGEDASWLP AFSPAELQK.A	22
PLOG+3986	proteomics_log	1472584	1472622	+	1	18	R.NLGLDVL DVVNL.R	17
PLOG+3987	proteomics_log	1472716	1472763	+	1	4	K.HIGLSNVTPTQVAEAR.K	20
PLOG+3988	proteomics_log	1472980	1473030	+	1	4	R.SPNILLIPGTSSVAHLR.E	21
PLOG+3989	proteomics_log	1477265	1477330	+	2	3	R.SSSYFIAGMNILVVYNISLM*NW.R	27
PLOG+3990	proteomics_log	1480119	1480139	+	3	5	D.TVKPLMK.R	11
PLOG+3991	proteomics_log	1481220	1481240	+	3	9	A.IFQEM*AK.E	12
PLOG+3992	proteomics_log	1482375	1482464	+	3	26	R.TNLASVILQMTALGLGDIAAFPVEAPDKR.N	34
PLOG+3993	proteomics_log	1485652	1485687	+	1	2	R.FSIALLNQ AVER.V	16
PLOG+3994	proteomics_log	1485754	1485783	+	1	2	R.M*TGDNPDAPR.W	15
PLOG+3995	proteomics_log	1485754	1485783	+	1	7	R.MTGDNPDAPR.W	14
PLOG+3996	proteomics_log	1485880	1485912	+	1	4	R.YLSLLTGELPR.L	15
PLOG+3997	proteomics_log	1486259	1486312	+	2	4	M.SVPVQHPMYIDGQFVTWR.G	22
PLOG+3998	proteomics_log	1486313	1486366	+	2	12	R.GDAWIDVVNPATEAVISR.I	22

PLOG+3999	proteomics_log	1486367	1486396	+	2	8	R.IPDGQAEDAR.K	14
PLOG+4000	proteomics_log	1486397	1486459	+	2	9	R.KAIDAAERAQPEWEALPAIER.A	25
PLOG+4001	proteomics_log	1486397	1486420	+	2	32	R.KAIDAAER.A	12
PLOG+4002	proteomics_log	1486421	1486459	+	2	62	R.AQPEWEALPAIER.A	17
PLOG+4003	proteomics_log	1486475	1486495	+	2	2	R.KISAGIR.E	11
PLOG+4004	proteomics_log	1486475	1486501	+	2	7	R.KISAGIRER.A	13
PLOG+4005	proteomics_log	1486496	1486615	+	2	7	R.ERASEISALIVEEGGKIQQLAEEVEVAFTADYIDYMAEWAR.R	44
PLOG+4006	proteomics_log	1486502	1486615	+	2	2	R.ASEISALIVEEGGKIQQLAEEVEVAFTADYIDYM*AEWAR.R	43
PLOG+4007	proteomics_log	1486502	1486543	+	2	11	R.ASEISALIVEEGGK.I	18
PLOG+4008	proteomics_log	1486502	1486615	+	2	83	R.ASEISALIVEEGGKIQQLAEEVEVAFTADYIDYMAEWAR.R	42
PLOG+4009	proteomics_log	1486544	1486615	+	2	7	K.IQQLAEEVEVAFTADYIDYMAEWAR.R	28
PLOG+4010	proteomics_log	1486616	1486675	+	2	19	R.RYEGEIIQSDRPGENILLFK.R	24
PLOG+4011	proteomics_log	1486616	1486678	+	2	61	R.RYEGEIIQSDRPGENILLFKR.A	25
PLOG+4012	proteomics_log	1486619	1486675	+	2	3	R.YEGEIIQSDRPGENILLFK.R	23
PLOG+4013	proteomics_log	1486619	1486678	+	2	61	R.YEGEIIQSDRPGENILLFKR.A	24
PLOG+4014	proteomics_log	1486676	1486738	+	2	5	K.RALGVTTGILPWNFPFFLIAR.K	25
PLOG+4015	proteomics_log	1486679	1486711	+	2	3	R.ALGVTTGILPW.N	15
PLOG+4016	proteomics_log	1486679	1486729	+	2	3	R.ALGVTTGILPWNFPFFL.I	21
PLOG+4017	proteomics_log	1486679	1486726	+	2	8	R.ALGVTTGILPWNFPFF.L	20
PLOG+4018	proteomics_log	1486679	1486741	+	2	24	R.ALGVTTGILPWNFPFFLIAR.M	25
PLOG+4019	proteomics_log	1486679	1486738	+	2	177	R.ALGVTTGILPWNFPFFLIAR.K	24
PLOG+4020	proteomics_log	1486739	1486852	+	2	2	R.KM*APALLTGNTIVIKPSEFTPNNAIAFAKIVDEIGLPR.G	43
PLOG+4021	proteomics_log	1486739	1486852	+	2	3	R.KMAPALLTGNTIVIKPSEFTPNNAIAFAKIVDEIGLPR.G	42
PLOG+4022	proteomics_log	1486739	1486825	+	2	8	R.KM*APALLTGNTIVIKPSEFTPNNAIAFAK.I	34
PLOG+4023	proteomics_log	1486739	1486825	+	2	187	R.KMAPALLTGNTIVIKPSEFTPNNAIAFAK.I	33
PLOG+4024	proteomics_log	1486742	1486852	+	2	10	K.MAPALLTGNTIVIKPSEFTPNNAIAFAKIVDEIGLPR.G	41
PLOG+4025	proteomics_log	1486742	1486825	+	2	10	K.M*APALLTGNTIVIKPSEFTPNNAIAFAK.I	33
PLOG+4026	proteomics_log	1486742	1486825	+	2	119	K.MAPALLTGNTIVIKPSEFTPNNAIAFAK.I	32
PLOG+4027	proteomics_log	1486826	1486918	+	2	46	K.IVDEIGLPRGVFNVLGRGETVGQELAGNPK.V	35
PLOG+4028	proteomics_log	1486826	1486852	+	2	93	K.IVDEIGLPR.G	13
PLOG+4029	proteomics_log	1486853	1486879	+	2	33	R.GVFNVLGR.G	13
PLOG+4030	proteomics_log	1486853	1486918	+	2	141	R.GVFNVLGRGETVGQELAGNPK.V	26
PLOG+4031	proteomics_log	1486880	1486918	+	2	36	R.GETVGQELAGNPK.V	17
PLOG+4032	proteomics_log	1486964	1486984	+	2	5	K.IMATAAK.N	11
PLOG+4033	proteomics_log	1486964	1486996	+	2	14	K.IMATAAKNITK.V	15
PLOG+4034	proteomics_log	1487021	1487068	+	2	12	K.APAIVMDDADLELAVK.A	20
PLOG+4035	proteomics_log	1487126	1487167	+	2	15	R.VYVQKGIYDQFVNR.L	18
PLOG+4036	proteomics_log	1487141	1487263	+	2	2	K.GIYDQFVNRLGEAMQAVQFGNPAERNDIAMGPLINAAALER.V	45
PLOG+4037	proteomics_log	1487141	1487215	+	2	2	K.GIYDQFVNRLGEAMQAVQFGNPAER.N	29
PLOG+4038	proteomics_log	1487141	1487263	+	2	2	K.GIYDQFVNRLGEAMQAVQFGNPAERNDIAM*GPLINAAALER.V	46
PLOG+4039	proteomics_log	1487141	1487167	+	2	43	K.GIYDQFVNR.L	13
PLOG+4040	proteomics_log	1487168	1487275	+	2	2	R.LGEAMQAVQFGNPAERNDIAMGPLINAAALERVEQK.V	40
PLOG+4041	proteomics_log	1487168	1487263	+	2	4	R.LGEAMQAVQFGNPAERNDIAM*GPLINAAALER.V	37
PLOG+4042	proteomics_log	1487168	1487215	+	2	42	R.LGEAMQAVQFGNPAER.N	20
PLOG+4043	proteomics_log	1487168	1487263	+	2	114	R.LGEAMQAVQFGNPAERNDIAMGPLINAAALER.V	36
PLOG+4044	proteomics_log	1487216	1487263	+	2	8	R.NDIAM*GPLINAAALER.V	21

PLOG+4045	proteomics_log	1487216	1487263	+	2	16	R.NDIAMGPLINAAALER.V	20
PLOG+4046	proteomics_log	1487264	1487305	+	2	7	R.VEQKVARAVEEGAR.V	18
PLOG+4047	proteomics_log	1487276	1487305	+	2	11	K.VARAVEEGAR.V	14
PLOG+4048	proteomics_log	1487306	1487338	+	2	8	R.VAFGGKAVEGK.G	15
PLOG+4049	proteomics_log	1487306	1487377	+	2	36	R.VAFGGKAVEGKGYYPPTLLLDVR.Q	28
PLOG+4050	proteomics_log	1487324	1487377	+	2	7	K.AVEGKGYYPPTLLLDVR.Q	22
PLOG+4051	proteomics_log	1487339	1487377	+	2	71	K.GYYPPTLLLDVR.Q	17
PLOG+4052	proteomics_log	1487531	1487572	+	2	2	K.AIKGLKFGETYINR.E	18
PLOG+4053	proteomics_log	1487549	1487617	+	2	3	K.FGETYINRENFEAM*QGFHAGWRK.S	28
PLOG+4054	proteomics_log	1487549	1487572	+	2	10	K.FGETYINR.E	12
PLOG+4055	proteomics_log	1487549	1487614	+	2	16	K.FGETYINRENFEAMQGFHAGWR.K	26
PLOG+4056	proteomics_log	1487549	1487617	+	2	16	K.FGETYINRENFEAMQGFHAGWRK.S	27
PLOG+4057	proteomics_log	1487573	1487614	+	2	13	R.ENFEAMQGFHAGWR.K	18
PLOG+4058	proteomics_log	1487618	1487644	+	2	3	K.SGIGGADGK.H	13
PLOG+4059	proteomics_log	1490716	1490748	+	1	5	R.INMIQAGAASR.I	15
PLOG+4060	proteomics_log	1490749	1490775	+	1	5	R.IAEMEAMKR.N	13
PLOG+4061	proteomics_log	1491280	1491330	+	1	2	R.HLQQM*QHSLGM*TVGTVR.Q	23
PLOG+4062	proteomics_log	1491745	1491795	+	1	3	R.SAQAAKEIEGLISESVR.L	21
PLOG+4063	proteomics_log	1491838	1491921	+	1	3	K.TM*STIVDAVASVTHIMQEIAAASDEQSR.G	33
PLOG+4064	proteomics_log	1494976	1495068	+	1	2	A.ADSDIADGQTQRFDFSILQSMADLAQTAWR.G	35
PLOG+4065	proteomics_log	1494976	1495011	+	1	4	A.ADSDIADGQTQR.F	16
PLOG+4066	proteomics_log	1495012	1495068	+	1	8	R.FDFSILQSMADLAQTAWR.G	23
PLOG+4067	proteomics_log	1495432	1495470	+	1	2	R.AVDDTYQYGLSAR.G	17
PLOG+4068	proteomics_log	1497442	1497483	+	1	2	E.FLNDAYDDVNLYAR.I	18
PLOG+4069	proteomics_log	1499586	1499636	+	3	3	R.MIIRDENYFTDKYELTR.T	21
PLOG+4070	proteomics_log	1499715	1499795	+	3	2	R.NSLYLAANGYDVAWDKNAMSIANVER.I	31
PLOG+4071	proteomics_log	1499796	1499834	+	3	6	R.IKSIENLDNLHTR.V	17
PLOG+4072	proteomics_log	1499802	1499834	+	3	6	K.SIENLDNLHTR.V	15
PLOG+4073	proteomics_log	1499835	1499918	+	3	23	R.VVDLNNLTFDRQYDFILSTVVLMFLEAK.T	32
PLOG+4074	proteomics_log	1499919	1499951	+	3	3	K.TIPGLIANMQR.C	15
PLOG+4075	proteomics_log	1500081	1500137	+	3	2	R.VKYNEDVVELHRTDANGNR.I	23
PLOG+4076	proteomics_log	1500745	1500834	+	1	6	K.VLDKILNYNTNTEM*KEAIAQRKPLVTTAGPR.S	35
PLOG+4077	proteomics_log	1500835	1500954	+	1	2	R.SLIFRGAITGVDSKEGLQFYEVVPVALVVAGTQMATGHR.T	44
PLOG+4078	proteomics_log	1500850	1500954	+	1	46	R.GAITGVDSKEGLQFYEVVPVALVVAGTQMATGHR.T	39
PLOG+4079	proteomics_log	1500880	1500954	+	1	7	K.EGLQFYEVVPVALVVAGTQMATGHR.T	29
PLOG+4080	proteomics_log	1500916	1500954	+	1	6	A.LVVAGTQMATGHR.T	17
PLOG+4081	proteomics_log	1500919	1500954	+	1	25	L.VVAGTQMATGHR.T	16
PLOG+4082	proteomics_log	1500970	1501032	+	1	5	R.LYFEGELIDAATNKPVIKVV.R.Q	25
PLOG+4083	proteomics_log	1500970	1501023	+	1	12	R.LYFEGELIDAATNKPVIK.V	22
PLOG+4084	proteomics_log	1501093	1501146	+	1	5	K.QVIDDMATDATMFDVNKK.-	22
PLOG+4085	proteomics_log	1503208	1503267	+	1	6	E.QIENACNGSGQPTLIFIRM*R.F	25
PLOG+4086	proteomics_log	1509783	1509818	+	3	6	R.LDIIAWPGYIER.G	16
PLOG+4087	proteomics_log	1509891	1509932	+	3	2	K.TAATSDEMVSMLTK.G	18
PLOG+4088	proteomics_log	1509996	1510034	+	3	8	R.VQPINTALIPNWK.T	17
PLOG+4089	proteomics_log	1510050	1510085	+	3	2	R.VVKGDWFNVGGK.V	16
PLOG+4090	proteomics_log	1510086	1510139	+	3	3	K.VYGTPTYQWGNLLMYNTK.T	22

PLOG+4091	proteomics_log	1510140	1510205	+	3	2	K.TFPTPPDSWQVVFVEQNLDPDGK.S	26
PLOG+4092	proteomics_log	1510221	1510274	+	3	11	R.VQAYDGPYIADAALFVK.A	22
PLOG+4093	proteomics_log	1510275	1510346	+	3	2	K.ATQPQLGISDPYQLTEEYQAVLK.V	28
PLOG+4094	proteomics_log	1510785	1510820	+	3	4	R.WTQDYIAIMGGR.-	16
PLOG+4095	proteomics_log	1513001	1513033	+	2	2	G.GAGDINCAGVR.D	15
PLOG+4096	proteomics_log	1513614	1513739	+	3	10	K.LLINGELVSGEGEKQPVYNPATGDVLLIEIAEASAEQVDAAVR.A	46
PLOG+4097	proteomics_log	1513740	1513784	+	3	8	R.AADAAFAEWGQTTPK.V	19
PLOG+4098	proteomics_log	1513809	1513862	+	3	3	K.LADVIEENGQVFAELES.R	22
PLOG+4099	proteomics_log	1514007	1514075	+	3	9	R.RDPLGVVASIAPWNYPLMMAAWK.L	27
PLOG+4100	proteomics_log	1514010	1514075	+	3	6	R.DPLGVVASIAPWNYPLMMAAWK.L	26
PLOG+4101	proteomics_log	1514151	1514210	+	3	17	K.LAELAKDIFPAGVINILFGR.G	24
PLOG+4102	proteomics_log	1514169	1514210	+	3	6	K.DIFPAGVINILFGR.G	18
PLOG+4103	proteomics_log	1514256	1514324	+	3	3	R.MVSLTGSIATGEHIISHTASSIK.R	27
PLOG+4104	proteomics_log	1514256	1514327	+	3	5	R.M*VSLTGSIATGEHIISHTASSIKR.T	29
PLOG+4105	proteomics_log	1514256	1514327	+	3	15	R.MVSLTGSIATGEHIISHTASSIKR.T	28
PLOG+4106	proteomics_log	1514328	1514408	+	3	17	R.THMELGGKAPVIVFDDADIEAVVEGVR.T	31
PLOG+4107	proteomics_log	1514352	1514408	+	3	4	K.APVIVFDDADIEAVVEGVR.T	23
PLOG+4108	proteomics_log	1514472	1514525	+	3	6	K.GIYDTLVEKLGAAVATLK.S	22
PLOG+4109	proteomics_log	1514592	1514618	+	3	5	R.VGKAVEEAK.A	13
PLOG+4110	proteomics_log	1514601	1514636	+	3	5	K.AVEEAKATGHIK.V	16
PLOG+4111	proteomics_log	1514946	1515005	+	3	2	K.LSGYGKDMSLYGLDYTVVR.H	24
PLOG+4112	proteomics_log	1514964	1515005	+	3	2	K.DM*SLYGLDYTVVR.H	19
PLOG+4113	proteomics_log	1514964	1515005	+	3	5	K.DMSLYGLDYTVVR.H	18
PLOG+4114	proteomics_log	1515675	1515701	+	3	23	M.SHLDEVIAR.V	13
PLOG+4115	proteomics_log	1515702	1515812	+	3	5	R.VDAAIEESVIAHMNELLIALSDDAELSREDRYTQQQR.L	41
PLOG+4116	proteomics_log	1515702	1515785	+	3	19	R.VDAAIEESVIAHMNELLIALSDDAELSR.E	32
PLOG+4117	proteomics_log	1515702	1515794	+	3	60	R.VDAAIEESVIAHMNELLIALSDDAELSREDR.Y	35
PLOG+4118	proteomics_log	1515870	1515902	+	3	4	R.HEQLTKGGTIL.-	15
PLOG+4119	proteomics_log	1516309	1516332	+	1	2	R.PIPAAIKK.A	12
PLOG+4120	proteomics_log	1517132	1517182	+	2	4	R.LEEDDVATPGEGQVLLR.T	21
PLOG+4121	proteomics_log	1517139	1517159	+	3	3	K.KMMSPHR.V	11
PLOG+4122	proteomics_log	1517183	1517215	+	2	11	R.TVYLSLDPYMR.G	15
PLOG+4123	proteomics_log	1517222	1517293	+	2	2	R.MSDEPSYSPVDIGGVMVGGTVSR.V	28
PLOG+4124	proteomics_log	1517222	1517293	+	2	2	R.M*SDEPSYSPVDIGGVMVGGTVSR.V	29
PLOG+4125	proteomics_log	1517396	1517494	+	2	3	K.LGDHPQNPWSLGLVGMFGFTAYMGLLDIGQPK.E	37
PLOG+4126	proteomics_log	1517702	1517779	+	2	2	K.GIDIYYENVGGKVFDAVLP LLNTSAR.I	30
PLOG+4127	proteomics_log	1517702	1517737	+	2	4	K.GIDIYYENVGGK.V	16
PLOG+4128	proteomics_log	1517738	1517779	+	2	5	K.VFDAVLP LLNTSAR.I	18
PLOG+4129	proteomics_log	1517972	1518040	+	2	2	K.IHYREEITDGLLENAPQTFIGLLK.G	27
PLOG+4130	proteomics_log	1520532	1520609	+	3	9	R.CARCFQPIAPAAKTAVVTTGFNGWWL.L	30
PLOG+4131	proteomics_log	1520971	1521072	+	1	2	S.SETTCGAALTIIVCSSAAKTTGERTSSAGKTVCR.T	38
PLOG+4132	proteomics_log	1521421	1521441	+	1	2	A.AEEMLRK.A	11
PLOG+4133	proteomics_log	1521421	1521453	+	1	4	A.AEEMLRKAVGK.G	15
PLOG+4134	proteomics_log	1521421	1521519	+	1	5	A.AEEMLRKAVGKAYEMAYSQQENALWLATSQSR.K	37
PLOG+4135	proteomics_log	1521439	1521519	+	1	25	R.KAVGKAYEMAYSQQENALWLATSQSR.K	31
PLOG+4136	proteomics_log	1521442	1521519	+	1	3	K.AVGKAYEM*AYSQQENALWLATSQSR.K	31

PLOG+4137	proteomics_log	1521442	1521519	+	1	77	K.AVGKGAYEMAYSQQENALWLATSQSR.K	30
PLOG+4138	proteomics_log	1521454	1521519	+	1	2	K.GAYEM*AYSQQENALWLATSQSR.K	27
PLOG+4139	proteomics_log	1521454	1521519	+	1	29	K.GAYEMAYSQQENALWLATSQSR.K	26
PLOG+4140	proteomics_log	1521520	1521549	+	1	124	R.KLDDGGVVYR.L	14
PLOG+4141	proteomics_log	1521550	1521687	+	1	27	R.LDPVTLEVTQAIHNDLKPFGATINNTTQTLWFGNTVNSAVTAIDAK.T	50
PLOG+4142	proteomics_log	1521589	1521708	+	1	3	H.NDLKPFGATINNTTQTLWFGNTVNSAVTAIDAKTGEVKGR.L	44
PLOG+4143	proteomics_log	1521727	1521762	+	1	32	R.KRTEEVRLQPR.E	16
PLOG+4144	proteomics_log	1521730	1521762	+	1	6	K.RTEEVRLQPR.E	15
PLOG+4145	proteomics_log	1521763	1521855	+	1	9	R.ELVADDATNTVYISGIGKESVIWVVDGGNIK.L	35
PLOG+4146	proteomics_log	1521763	1521816	+	1	22	R.ELVADDATNTVYISGIGK.E	22
PLOG+4147	proteomics_log	1521763	1521861	+	1	26	R.ELVADDATNTVYISGIGKESVIWVVDGGNIK.LK.T	37
PLOG+4148	proteomics_log	1521817	1521861	+	1	3	K.ESVIWVVDGGNIK.LK.T	19
PLOG+4149	proteomics_log	1521817	1521855	+	1	10	K.ESVIWVVDGGNIK.L	17
PLOG+4150	proteomics_log	1521856	1521885	+	1	47	K.LKTAIQNTGK.M	14
PLOG+4151	proteomics_log	1521862	1521924	+	1	2	K.TAIQNTGKMSTGLALDSEGKR.L	25
PLOG+4152	proteomics_log	1521862	1521885	+	1	6	K.TAIQNTGK.M	12
PLOG+4153	proteomics_log	1521886	1521993	+	1	15	K.MSTGLALDSEGKRLYTTNADGELITIDTADNKILSR.K	40
PLOG+4154	proteomics_log	1521886	1521921	+	1	26	K.MSTGLALDSEGK.R	16
PLOG+4155	proteomics_log	1521886	1521981	+	1	33	K.MSTGLALDSEGKRLYTTNADGELITIDTADNK.I	36
PLOG+4156	proteomics_log	1521886	1521924	+	1	94	K.MSTGLALDSEGKR.L	17
PLOG+4157	proteomics_log	1521922	1521993	+	1	35	K.RLYTTNADGELITIDTADNKILSR.K	28
PLOG+4158	proteomics_log	1521925	1521993	+	1	29	R.LYTTNADGELITIDTADNKILSR.K	27
PLOG+4159	proteomics_log	1521925	1521981	+	1	46	R.LYTTNADGELITIDTADNK.I	23
PLOG+4160	proteomics_log	1521994	1522062	+	1	13	R.KKLLDDGKEHFFINISLDTARQ.R.A	27
PLOG+4161	proteomics_log	1521994	1522056	+	1	188	R.KKLLDDGKEHFFINISLDTAR.Q	25
PLOG+4162	proteomics_log	1521997	1522056	+	1	11	K.KLLDDGKEHFFINISLDTAR.Q	24
PLOG+4163	proteomics_log	1522000	1522056	+	1	191	K.LLDDGKEHFFINISLDTAR.Q	23
PLOG+4164	proteomics_log	1522057	1522083	+	1	7	R.QRAFITDSK.A	13
PLOG+4165	proteomics_log	1522057	1522113	+	1	8	R.QRAFITDSKAAEVLVVDTR.N	23
PLOG+4166	proteomics_log	1522063	1522134	+	1	19	R.AFITDSKAAEVLVVDTRNGNILAK.V	28
PLOG+4167	proteomics_log	1522063	1522113	+	1	28	R.AFITDSKAAEVLVVDTR.N	21
PLOG+4168	proteomics_log	1522063	1522083	+	1	114	R.AFITDSK.A	11
PLOG+4169	proteomics_log	1522084	1522134	+	1	16	K.AAEVLVVDTRNGNILAK.V	21
PLOG+4170	proteomics_log	1522084	1522113	+	1	131	K.AAEVLVVDTR.N	14
PLOG+4171	proteomics_log	1522114	1522203	+	1	4	R.NGNILAKVAAPESLAVLFNPARNEAYVTHR.Q	34
PLOG+4172	proteomics_log	1522135	1522236	+	1	2	K.VAAPESLAVLFNPARNEAYVTHRQAGKVSVIDAK.S	38
PLOG+4173	proteomics_log	1522135	1522167	+	1	3	K.VAAPESLAVLF.N	15
PLOG+4174	proteomics_log	1522135	1522215	+	1	9	K.VAAPESLAVLFNPARNEAYVTHRQAGK.V	31
PLOG+4175	proteomics_log	1522135	1522203	+	1	64	K.VAAPESLAVLFNPARNEAYVTHR.Q	27
PLOG+4176	proteomics_log	1522135	1522179	+	1	260	K.VAAPESLAVLFNPAR.N	19
PLOG+4177	proteomics_log	1522180	1522215	+	1	17	R.NEAYVTHRQAGK.V	16
PLOG+4178	proteomics_log	1522180	1522203	+	1	62	R.NEAYVTHR.Q	12
PLOG+4179	proteomics_log	1522204	1522236	+	1	4	R.QAGKVSVIDAK.S	15
PLOG+4180	proteomics_log	1522237	1522308	+	1	47	K.SYKVVKTFDTPHPNSLALSADGK.T	28
PLOG+4181	proteomics_log	1522246	1522329	+	1	6	K.VVKTFDTPHPNSLALSADGKTLVSVK.Q	32
PLOG+4182	proteomics_log	1522255	1522335	+	1	43	K.TFDTPHPNSLALSADGKTLVSVKQK.S	31

PLOG+4183	proteomics_log	1522255	1522329	+	1	80	K.TFDTPTHPNLALSADGKTLYVSVK.Q	29
PLOG+4184	proteomics_log	1522255	1522308	+	1	156	K.TFDTPTHPNLALSADGK.T	22
PLOG+4185	proteomics_log	1522309	1522329	+	1	2	K.TLYVSVK.Q	11
PLOG+4186	proteomics_log	1522309	1522380	+	1	13	K.TLYVSVKQKSTKQQEATQPDDVIR.I	28
PLOG+4187	proteomics_log	1522330	1522380	+	1	3	K.QKSTKQQEATQPDDVIR.I	21
PLOG+4188	proteomics_log	1522333	1522380	+	1	2	Q.KSTKQQEATQPDDVIR.I	20
PLOG+4189	proteomics_log	1522336	1522380	+	1	146	K.STKQQEATQPDDVIR.I	19
PLOG+4190	proteomics_log	1522345	1522389	+	1	3	K.QQEATQPDDVIRIAL.-	19
PLOG+4191	proteomics_log	1522345	1522380	+	1	127	K.QQEATQPDDVIR.I	16
PLOG+4192	proteomics_log	1525021	1525095	+	1	2	I.SSEKLLTIHIVQMFQLLSQAFYNLK.M	29
PLOG+4193	proteomics_log	1531130	1531168	+	2	8	K.AALAADITDVIIR.H	17
PLOG+4194	proteomics_log	1535447	1535473	+	2	2	K.TAAVAFCEG.I	13
PLOG+4195	proteomics_log	1537431	1537547	+	3	2	G.DKPPGFHQKHASTDDPDRAAGVPTACATELHERWCIPR.Y	43
PLOG+4196	proteomics_log	1554652	1554699	+	1	7	M.TIHKKGQAHWEGDIKR.G	20
PLOG+4197	proteomics_log	1554667	1554696	+	1	7	K.GQAHWEGDIK.R	14
PLOG+4198	proteomics_log	1554667	1554699	+	1	11	K.GQAHWEGDIK.R	15
PLOG+4199	proteomics_log	1554697	1554765	+	1	2	K.RGKGTVSTESGVLNQQPYGFNTR.F	27
PLOG+4200	proteomics_log	1554700	1554765	+	1	44	R.GKGTVSTESGVLNQQPYGFNTR.F	26
PLOG+4201	proteomics_log	1554706	1554765	+	1	14	K.GTVSTESGVLNQQPYGFNTR.F	24
PLOG+4202	proteomics_log	1554913	1554939	+	1	3	K.VDAGFAITK.I	13
PLOG+4203	proteomics_log	1554940	1555014	+	1	47	K.IALKSEVAVPGIDASTFDGIIQKAK.A	29
PLOG+4204	proteomics_log	1554940	1555008	+	1	172	K.IALKSEVAVPGIDASTFDGIIQK.A	27
PLOG+4205	proteomics_log	1554952	1555008	+	1	73	K.SEVAVPGIDASTFDGIIQK.A	23
PLOG+4206	proteomics_log	1555045	1555077	+	1	3	K.AEITLDYQLKS.-	15
PLOG+4207	proteomics_log	1555045	1555074	+	1	4	K.AEITLDYQLK.S	14
PLOG+4208	proteomics_log	1557588	1557620	+	3	2	R.HPSSEPIIPAM.A	15
PLOG+4209	proteomics_log	1566587	1566637	+	2	2	L.LYTGPAAGVTNVNRGNR.W	21
PLOG+4210	proteomics_log	1571346	1571450	+	3	2	G.DSLVNQLKTRFRVISPRANGEQRIHATDFTAHGYP.I	39
PLOG+4211	proteomics_log	1579694	1579735	+	2	2	V.RSIIISQVKHKRLVK.C	18
PLOG+4212	proteomics_log	1589220	1589309	+	3	2	R.ESITAASLNKYGEVFCM*TVRCANQPLEDLE.F	35
PLOG+4213	proteomics_log	1602782	1602847	+	2	2	R.SDLGASFLMPAITAVVLGGANI.Y	26
PLOG+4214	proteomics_log	1604334	1604393	+	3	3	R.IDINIAPLFEHADVLMCTRG.I	24
PLOG+4215	proteomics_log	1604445	1604519	+	3	5	R.ASGANSILAELSNEAVALSMDDAVR.L	29
PLOG+4216	proteomics_log	1608048	1608116	+	3	2	R.ITGNDTVHQRRTEAVSLIQLNK.C	27
PLOG+4217	proteomics_log	1618408	1618500	+	1	3	R.APVTITVQPARFHSVPVTSRSHNQQQLSPQT.P	35
PLOG+4218	proteomics_log	1625595	1625636	+	3	49	R.RFIQQGHKVIATGR.R	18
PLOG+4219	proteomics_log	1625598	1625636	+	3	101	R.FIQQGHKVIATGR.R	17
PLOG+4220	proteomics_log	1625649	1625714	+	3	99	R.LQELKDELGDONLYIAQLDVRNR.A	26
PLOG+4221	proteomics_log	1625649	1625708	+	3	172	R.LQELKDELGDONLYIAQLDVR.N	24
PLOG+4222	proteomics_log	1625820	1625864	+	3	7	K.ASVEDWETMIDTNNK.G	19
PLOG+4223	proteomics_log	1625820	1625885	+	3	11	K.ASVEDWETMIDTNNKGLVYMTR.A	26
PLOG+4224	proteomics_log	1625886	1625993	+	3	2	R.AVLPGMVERNHHIINIIGSTAGSWPYAGGNVYGATK.A	40
PLOG+4225	proteomics_log	1625913	1625993	+	3	38	R.NHGHIIINIIGSTAGSWPYAGGNVYGATK.A	31
PLOG+4226	proteomics_log	1626027	1626107	+	3	63	R.TDLHGTAARVTDIEPGLVGGTEFSNVR.F	31
PLOG+4227	proteomics_log	1626054	1626104	+	3	2	R.VTDIEPGLVGGTEFSNV.R	21
PLOG+4228	proteomics_log	1626054	1626134	+	3	3	R.VTDIEPGLVGGTEFSNVRFKGDDGKAE.K	31

PLOG+4229	proteomics_log	1626054	1626107	+	3	246	R.VTDIEPGLVGGTEFSNVR.F	22
PLOG+4230	proteomics_log	1626108	1626137	+	3	23	R.FKGDDGKAEK.T	14
PLOG+4231	proteomics_log	1627257	1627286	+	3	24	R.NRNAITGSR.V	14
PLOG+4232	proteomics_log	1627263	1627286	+	3	2	R.NAITGSR.V	12
PLOG+4233	proteomics_log	1627287	1627367	+	3	4	R.VM*VSGTGHTGKILSIDTEGLTAEQIRR.G	32
PLOG+4234	proteomics_log	1627287	1627319	+	3	8	R.VM*VSGTGHTGK.I	16
PLOG+4235	proteomics_log	1627287	1627373	+	3	14	R.VMVSOGTGHTGKILSIDTEGLTAEQIRRGK.T	33
PLOG+4236	proteomics_log	1627287	1627367	+	3	24	R.VMVSOGTGHTGKILSIDTEGLTAEQIRR.G	31
PLOG+4237	proteomics_log	1627287	1627364	+	3	30	R.VMVSOGTGHTGKILSIDTEGLTAEQIR.R	30
PLOG+4238	proteomics_log	1627287	1627319	+	3	41	R.VMVSOGTGHTGK.I	15
PLOG+4239	proteomics_log	1627320	1627403	+	3	3	K.ILSIDTEGLTAEQIRRGKTVVVEGCEEK.L	32
PLOG+4240	proteomics_log	1627320	1627364	+	3	30	K.ILSIDTEGLTAEQIR.R	19
PLOG+4241	proteomics_log	1627329	1627364	+	3	6	S.IDTEGLTAEQIR.R	16
PLOG+4242	proteomics_log	1627365	1627427	+	3	4	R.RGKTVVVEGCEEKLAFLDLIR.L	25
PLOG+4243	proteomics_log	1627365	1627403	+	3	14	R.RGKTVVVEGCEEK.L	17
PLOG+4244	proteomics_log	1627368	1627439	+	3	6	R.GKTVVVEGCEEKLAFLDLIRLGMN.-	28
PLOG+4245	proteomics_log	1627368	1627403	+	3	17	R.GKTVVVEGCEEK.L	16
PLOG+4246	proteomics_log	1627368	1627427	+	3	22	R.GKTVVVEGCEEKLAFLDLIR.L	24
PLOG+4247	proteomics_log	1627374	1627403	+	3	8	K.TVVVEGCEEK.L	14
PLOG+4248	proteomics_log	1627374	1627427	+	3	21	K.TVVVEGCEEKLAFLDLIR.L	22
PLOG+4249	proteomics_log	1627404	1627439	+	3	8	K.LAFLDLIRLGMN.-	16
PLOG+4250	proteomics_log	1631667	1631708	+	3	2	Y.CRISTLDQTTENQR.R	18
PLOG+4251	proteomics_log	1631667	1631708	+	3	2	Y.CRISTLDQTTENQR.R	18
PLOG+4252	proteomics_log	1631667	1631708	+	3	2	Y.CRISTLDQTTENQR.R	18
PLOG+4253	proteomics_log	1646222	1646293	+	2	3	K.ELELLELFNALPESEQDTQLAEM*R.A	29
PLOG+4254	proteomics_log	1646222	1646293	+	2	3	K.ELELLELFNALPESEQDTQLAEM*R.A	29
PLOG+4255	proteomics_log	1646300	1646344	+	2	2	R.VKNFNKLFELLKAR.Q	19
PLOG+4256	proteomics_log	1646300	1646338	+	2	6	R.VKNFNKLFELLK.A	17
PLOG+4257	proteomics_log	1646300	1646344	+	2	2	R.VKNFNKLFELLKAR.Q	19
PLOG+4258	proteomics_log	1646300	1646338	+	2	6	R.VKNFNKLFELLK.A	17
PLOG+4259	proteomics_log	1652354	1652422	+	2	21	Q.SQM*LLKTSPTAM*GVTVCWRMRK.H	29
PLOG+4260	proteomics_log	1653916	1653963	+	1	11	A.ETNKLVIESGDSAQSR.Q	20
PLOG+4261	proteomics_log	1653934	1653963	+	1	2	V.IESGDSAQSR.Q	14
PLOG+4262	proteomics_log	1654262	1654300	+	2	5	R.YVHQLDNNASVMR.Y	17
PLOG+4263	proteomics_log	1654571	1654618	+	2	2	Y.LIVDKENEKAIHIYRK.L	20
PLOG+4264	proteomics_log	1655673	1655696	+	3	14	R.IQSDISQR.I	12
PLOG+4265	proteomics_log	1655826	1655891	+	3	9	R.TTSGNVSAPAQSSQDGAPAEPQ.-	26
PLOG+4266	proteomics_log	1656447	1656479	+	3	4	R.VGKRGEKFER.I	15
PLOG+4267	proteomics_log	1656447	1656479	+	3	4	R.VGKRGEKFER.I	15
PLOG+4268	proteomics_log	1658943	1658975	+	3	4	R.VGKRGEKFER.I	15
PLOG+4269	proteomics_log	1658943	1658975	+	3	4	R.VGKRGEKFER.I	15
PLOG+4270	proteomics_log	1660275	1660313	+	3	2	R.LGPDVYQTFTEGR.S	17
PLOG+4271	proteomics_log	1660482	1660520	+	3	3	L.KTPSGKIEIYSER.L	17
PLOG+4272	proteomics_log	1661017	1661052	+	1	16	M.TTQYGGFFIDSSR.C	16
PLOG+4273	proteomics_log	1661017	1661052	+	1	16	M.TTQYGGFFIDSSR.C	16
PLOG+4274	proteomics_log	1661099	1661149	+	2	2	K.ILARKSVSAVFMNTLAA.T	21

PLOG+4275	proteomics_log	1661497	1661532	+	1	8	K.HGTAAVAPLPR.A	16
PLOG+4276	proteomics_log	1669463	1669507	+	2	16	A.AETTTTPTATTTK.A	19
PLOG+4277	proteomics_log	1676517	1676585	+	3	4	A.ATELTPEQAAAVKPFDRVVVTGR.F	27
PLOG+4278	proteomics_log	1676517	1676567	+	3	7	A.ATELTPEQAAAVKPFDR.V	21
PLOG+4279	proteomics_log	1676568	1676624	+	3	19	R.VVVTGRFNAIGEAVKAVSR.R	23
PLOG+4280	proteomics_log	1676586	1676612	+	3	18	R.FNAIGEAVK.A	13
PLOG+4281	proteomics_log	1676586	1676624	+	3	34	R.FNAIGEAVKAVSR.R	17
PLOG+4282	proteomics_log	1676625	1676699	+	3	15	R.RADKEGAASFYVVDTSDFGNSGNWR.V	29
PLOG+4283	proteomics_log	1676700	1676756	+	3	3	R.VVADLYKADAEKAEETS.NR.V	23
PLOG+4284	proteomics_log	1676721	1676756	+	3	7	K.ADAEKAEETS.NR.V	16
PLOG+4285	proteomics_log	1676757	1676843	+	3	41	R.VINGVVELPKDQAVLIEPFDTVTVQGFYR.S	33
PLOG+4286	proteomics_log	1676775	1676843	+	3	28	V.ELPKDQAVLIEPFDTVTVQGFYR.S	27
PLOG+4287	proteomics_log	1676844	1676891	+	3	2	R.SQPEVNDAITKAAKAK.G	20
PLOG+4288	proteomics_log	1676844	1676885	+	3	21	R.SQPEVNDAITKAAK.A	18
PLOG+4289	proteomics_log	1676844	1676876	+	3	22	R.SQPEVNDAITK.A	15
PLOG+4290	proteomics_log	1676886	1676918	+	3	29	K.AKGAYSFYIVR.Q	15
PLOG+4291	proteomics_log	1676892	1676918	+	3	58	K.GAYSFYIVR.Q	13
PLOG+4292	proteomics_log	1676919	1676951	+	3	197	R.QIDANQGGNQR.I	15
PLOG+4293	proteomics_log	1676952	1676990	+	3	5	R.ITAFIYKKDAKKR.I	17
PLOG+4294	proteomics_log	1676952	1676975	+	3	12	R.ITAFIYKK.D	12
PLOG+4295	proteomics_log	1676952	1676984	+	3	17	R.ITAFIYKKDAK.K	15
PLOG+4296	proteomics_log	1676985	1677071	+	3	2	K.KRIVQSPDVIPADSEAGRAALAAGGEAAK.K	33
PLOG+4297	proteomics_log	1676985	1677038	+	3	4	K.KRIVQSPDVIPADSEAGR.A	22
PLOG+4298	proteomics_log	1676991	1677038	+	3	40	R.IVQSPDVIPADSEAGR.A	20
PLOG+4299	proteomics_log	1677039	1677128	+	3	7	R.AALAAGGEAAKKVEIPGVATTASPSSEVGR.F	34
PLOG+4300	proteomics_log	1677039	1677074	+	3	7	R.AALAAGGEAAK.V	16
PLOG+4301	proteomics_log	1677039	1677071	+	3	23	R.AALAAGGEAAK.K	15
PLOG+4302	proteomics_log	1677072	1677128	+	3	8	K.KVEIPGVATTASPSSEVGR.F	23
PLOG+4303	proteomics_log	1677162	1677248	+	3	8	R.YTVTLPDGTVKEELNKATAAMMVPFDSIK.F	33
PLOG+4304	proteomics_log	1677210	1677248	+	3	8	K.ATAAMMVPFDSIK.F	17
PLOG+4305	proteomics_log	1677249	1677299	+	3	4	K.FSGNYGNMTEVSYQVAK.R	21
PLOG+4306	proteomics_log	1677324	1677392	+	3	2	K.YYHITRQWQERGNLLTVSADLYK.-	27
PLOG+4307	proteomics_log	1677357	1677392	+	3	36	R.GNNLTVSADLYK.-	16
PLOG+4308	proteomics_log	1680252	1680281	+	3	6	K.HDMQVTVEPR.G	14
PLOG+4309	proteomics_log	1682933	1683028	+	2	2	S.GYRCPATEREVKNQTSGEGAADCPRVQRRSK.T	36
PLOG+4310	proteomics_log	1686609	1686647	+	3	14	K.LINSVQNYAWGSK.T	17
PLOG+4311	proteomics_log	1686648	1686728	+	3	39	K.TALTELYGMENPSSQPMALWGAHPK.S	31
PLOG+4312	proteomics_log	1686741	1686830	+	3	19	R.VQNAAGDIVSLRDVIESDKSTLLGEAVAKR.F	34
PLOG+4313	proteomics_log	1686741	1686827	+	3	84	R.VQNAAGDIVSLRDVIESDKSTLLGEAVAK.R	33
PLOG+4314	proteomics_log	1686828	1686857	+	3	26	K.RFGELPFLFK.V	14
PLOG+4315	proteomics_log	1686831	1686857	+	3	18	R.FGELPFLFK.V	13
PLOG+4316	proteomics_log	1686972	1687046	+	3	3	R.NYKDPNHKPELVFALTPFLAMNAFR.E	29
PLOG+4317	proteomics_log	1687254	1687319	+	3	29	R.LISEFYPEDSGLFSPLLLNVVK.L	26
PLOG+4318	proteomics_log	1687320	1687421	+	3	22	K.LNPGEAMFLFAETPHAYLQGVALEVMANSNDVLR.A	38
PLOG+4319	proteomics_log	1687440	1687520	+	3	2	K.YIDIPELVANVKFEAKPANQLLTQPVK.Q	31
PLOG+4320	proteomics_log	1687440	1687475	+	3	6	K.YIDIPELVANVK.F	16

PLOG+4321	proteomics_log	1687662	1687748	+	3	4	K.GSQQQLQKPGESAFIAANESPVTVKGHGR.L	33
PLOG+4322	proteomics_log	1688062	1688112	+	1	8	R.GVFSSQLQLLVKPIAGK.E	21
PLOG+4323	proteomics_log	1688062	1688130	+	1	31	R.GVFSSQLQLLVKPIAGKENPWIK.S	27
PLOG+4324	proteomics_log	1688131	1688196	+	1	9	K.SGQSVIFNESVDHGPFLAQLK.K	26
PLOG+4325	proteomics_log	1688197	1688313	+	1	3	K.KLNLIPSMASIQTTLVNNEVSKPLFDMAGETPFEINSR.I	43
PLOG+4326	proteomics_log	1688197	1688283	+	1	48	K.KLNLIPSMASIQTTLVNNEVSKPLFDMAG	33
PLOG+4327	proteomics_log	1688314	1688385	+	1	2	R.IGYSGDSSSDISLKPLNYEQKDEK.V	28
PLOG+4328	proteomics_log	1688386	1688436	+	1	5	K.VAFSGGEFQLNADRDGK.A	21
PLOG+4329	proteomics_log	1688437	1688502	+	1	3	K.AISLSGEAQSGRIDAVNEYNQK.V	26
PLOG+4330	proteomics_log	1688437	1688472	+	1	9	K.AISLSGEAQSGR.I	16
PLOG+4331	proteomics_log	1688473	1688502	+	1	4	R.IDAVNEYNQK.V	14
PLOG+4332	proteomics_log	1688503	1688568	+	1	44	K.VQLTFNNLKTGDSSTLASFGER.V	26
PLOG+4333	proteomics_log	1688515	1688568	+	1	2	T.FNNLKTGDSSTLASFGER.V	22
PLOG+4334	proteomics_log	1688530	1688568	+	1	3	K.TDGSSTLASFGER.V	17
PLOG+4335	proteomics_log	1688569	1688598	+	1	22	R.VGNQKLSLEK.M	14
PLOG+4336	proteomics_log	1688623	1688661	+	1	9	K.ELALLEGMEISGK.S	17
PLOG+4337	proteomics_log	1688887	1688928	+	1	23	K.VTEAFFSALPLMLK.G	18
PLOG+4338	proteomics_log	1688887	1688967	+	1	55	K.VTEAFFSALPLMLKGPVITIAPLSWK.N	31
PLOG+4339	proteomics_log	1688929	1688967	+	1	4	K.GDPVITIAPLSWK.N	17
PLOG+4340	proteomics_log	1688968	1689030	+	1	2	K.NSQGESALNLSLFLKDPATTK.E	25
PLOG+4341	proteomics_log	1688968	1689066	+	1	6	K.NSQGESALNLSLFLKDPATTK.EAPQTLAQEVDR.S	37
PLOG+4342	proteomics_log	1689031	1689066	+	1	19	K.EAPQTLAQEVDR.S	16
PLOG+4343	proteomics_log	1689067	1689141	+	1	3	R.SVKSLDAKLTIIPVDMATEFMTQVAK.L	29
PLOG+4344	proteomics_log	1689076	1689141	+	1	2	K.SLDAKLTIIPVDMATEFMTQVAK.L	26
PLOG+4345	proteomics_log	1689076	1689183	+	1	2	K.SLDAKLTIIPVDMATEFMTQVAKLEGYQEDQAKKLAK.Q	40
PLOG+4346	proteomics_log	1689076	1689171	+	1	3	K.SLDAKLTIIPVDMATEFMTQVAKLEGYQEDQAK.K	36
PLOG+4347	proteomics_log	1689091	1689183	+	1	2	K.LTIIPVDMATEFMTQVAKLEGYQEDQAKKLAK.Q	35
PLOG+4348	proteomics_log	1689091	1689171	+	1	4	K.LTIIPVDMATEFMTQVAKLEGYQEDQAK.K	31
PLOG+4349	proteomics_log	1689091	1689141	+	1	75	K.LTIIPVDMATEFMTQVAK.L	21
PLOG+4350	proteomics_log	1689127	1689171	+	1	5	M.TQVAKLEGYQEDQAK.K	19
PLOG+4351	proteomics_log	1689142	1689171	+	1	3	K.LEGYQEDQAK.K	14
PLOG+4352	proteomics_log	1689142	1689174	+	1	7	K.LEGYQEDQAKK.L	15
PLOG+4353	proteomics_log	1689184	1689225	+	1	11	K.QQVEGASAMGQMFR.L	18
PLOG+4354	proteomics_log	1689226	1689303	+	1	41	R.LTTLQDNTITTSLQYANGQITLNGQK.M	30
PLOG+4355	proteomics_log	1689304	1689381	+	1	33	K.MSLEDVFGMFAMPALNVPVPAIPQQ.-	30
PLOG+4356	proteomics_log	1700344	1700442	+	1	9	R.QYNISLPAQSLETLIPHVQVIANEPDLVSFLTK.L	37
PLOG+4357	proteomics_log	1700551	1700628	+	1	3	R.FSPGYMAMAHQLPVAGVVEAVIDGVR.E	30
PLOG+4358	proteomics_log	1701073	1701162	+	1	3	R.ASINTDDPGVQGVDDIIHEYVAAPAAGLSR.E	34
PLOG+4359	proteomics_log	1706704	1706733	+	1	3	R.KAAVEAAIAR.A	14
PLOG+4360	proteomics_log	1707915	1707959	+	3	4	S.NAGVMRNVLVLR.N	19
PLOG+4361	proteomics_log	1708588	1708638	+	1	4	R.VTEHHETPGLGDKIELR.L	21
PLOG+4362	proteomics_log	1711597	1711674	+	1	5	K.GAARRKMIVAFILMLEAIIFFVLYSQ.M	30
PLOG+4363	proteomics_log	1712458	1712502	+	1	7	R.ESGKDFTLVSVLDMK.K	19
PLOG+4364	proteomics_log	1712506	1712547	+	1	4	K.RLENGDDYFAVNP.K	18
PLOG+4365	proteomics_log	1712509	1712547	+	1	13	R.LENGDDYFAVNP.K	17
PLOG+4366	proteomics_log	1712548	1712673	+	1	5	K.GQVPALLLDDGTLLEGVAIM*QYLADSVDPDRQLLAPVNSISR.Y	47

PLOG+4367	proteomics_log	1712548	1712640	+	1	14	K.GQVPALLLDDGTLLEGVAIM*QYLADSVPR.Q	36
PLOG+4368	proteomics_log	1712548	1712673	+	1	70	K.GQVPALLLDDGTLLEGVAIMQYLADSVPRQLLAPVNSISR.Y	46
PLOG+4369	proteomics_log	1712548	1712640	+	1	105	K.GQVPALLLDDGTLLEGVAIMQYLADSVPR.Q	35
PLOG+4370	proteomics_log	1712674	1712721	+	1	37	R.YKTIEWLNLIATELHK.G	20
PLOG+4371	proteomics_log	1712680	1712721	+	1	7	K.TIEWLNLIATELHK.G	18
PLOG+4372	proteomics_log	1712722	1712778	+	1	15	K.GFTPLFRPDTPEEYKPTVR.A	23
PLOG+4373	proteomics_log	1712851	1712889	+	1	8	R.FTIADAYLFTVLR.W	17
PLOG+4374	proteomics_log	1712851	1712952	+	1	21	R.FTIADAYLFTVLRWAYAVKLNLEGLEHIAAFMQR.M	38
PLOG+4375	proteomics_log	1712908	1712952	+	1	4	K.LNLEGLEHIAAFMQR.M	19
PLOG+4376	proteomics_log	1712953	1713003	+	1	35	R.MAERPEVQDALSAEGLK.-	21
PLOG+4377	proteomics_log	1718152	1718250	+	1	84	R.SLATAAGAVAGGVAGQGVQVSAMNKTQGVELEIR.K	37
PLOG+4378	proteomics_log	1718152	1718223	+	1	143	R.SLATAAGAVAGGVAGQGVQVSAMNK.T	28
PLOG+4379	proteomics_log	1718224	1718250	+	1	7	K.TQGVELEIR.K	13
PLOG+4380	proteomics_log	1718251	1718301	+	1	2	R.KDDGNTIMVVQKQGNTR.F	21
PLOG+4381	proteomics_log	1718251	1718286	+	1	4	R.KDDGNTIM*VVQK.Q	17
PLOG+4382	proteomics_log	1718251	1718286	+	1	30	R.KDDGNTIMVVQK.Q	16
PLOG+4383	proteomics_log	1718254	1718286	+	1	3	K.DDGNTIM*VVQK.Q	16
PLOG+4384	proteomics_log	1718254	1718286	+	1	4	K.DDGNTIMVVQK.Q	15
PLOG+4385	proteomics_log	1718287	1718364	+	1	5	K.QGNTRFSPGQRVVLASNGSQVTVSPR.-	30
PLOG+4386	proteomics_log	1718302	1718364	+	1	27	R.FSPGQRVVLASNGSQVTVSPR.-	25
PLOG+4387	proteomics_log	1718320	1718364	+	1	133	R.VVLASNGSQVTVSPR.-	19
PLOG+4388	proteomics_log	1721468	1721524	+	2	6	L.LFLFLLATMQLLKLQM*PK.F	24
PLOG+4389	proteomics_log	1724686	1724742	+	1	4	M.SSEKLYSPLKVGAITAANR.I	23
PLOG+4390	proteomics_log	1724716	1724742	+	1	3	K.VGAITAANR.I	13
PLOG+4391	proteomics_log	1724773	1724823	+	1	3	R.SIEPGDIPTPLMAEYYR.Q	21
PLOG+4392	proteomics_log	1725004	1725075	+	1	14	R.ISHASLQGGQAPVAPSALSAGTR.T	28
PLOG+4393	proteomics_log	1725133	1725177	+	1	9	R.ALELEEIPGIVNDFR.Q	19
PLOG+4394	proteomics_log	1725133	1725198	+	1	16	R.ALELEEIPGIVNDFRQAIANAR.E	26
PLOG+4395	proteomics_log	1725385	1725471	+	1	4	R.VSPIGTFQNTDNGPNEEADALYLIEQLGK.R	33
PLOG+4396	proteomics_log	1725385	1725474	+	1	12	R.VSPIGTFQNTDNGPNEEADALYLIEQLGKR.G	34
PLOG+4397	proteomics_log	1725556	1725627	+	1	2	R.ARFHGPIIGAGAYTVEKAETLIGK.G	28
PLOG+4398	proteomics_log	1725628	1725690	+	1	6	K.GLIDAVAFGRDWIANPDLVAR.L	25
PLOG+4399	proteomics_log	1725724	1725777	+	1	2	R.AESFYGGGAEGYTDYPTL.-	22
PLOG+4400	proteomics_log	1725906	1725950	+	3	5	R.SIDFYTKVGLGMKLLR.T	19
PLOG+4401	proteomics_log	1725906	1725926	+	3	6	R.SIDFYTK.V	11
PLOG+4402	proteomics_log	1725906	1725941	+	3	32	R.SIDFYTKVGLGMK.L	16
PLOG+4403	proteomics_log	1725951	1725974	+	3	6	R.TSENPEYK.Y	12
PLOG+4404	proteomics_log	1726125	1726154	+	3	27	K.IRQNGGNVTR.E	14
PLOG+4405	proteomics_log	1726155	1726241	+	3	14	R.EAGPVKGGTTVIAFVEDPDGYKIELIEEK.D	33
PLOG+4406	proteomics_log	1726467	1726505	+	3	2	K.TDALLEIAAITLK.M	17
PLOG+4407	proteomics_log	1726686	1726790	+	3	2	K.GIKASGCNRAIMVAHNANFDHSFM*M*AAAERASLKR.N	41
PLOG+4408	proteomics_log	1726776	1726868	+	3	4	R.ASLKRNPFPFATFDTAALAGLALGQTVLSK.A	35
PLOG+4409	proteomics_log	1733405	1733437	+	2	52	M.SFELPALPYAK.D	15
PLOG+4410	proteomics_log	1733438	1733491	+	2	4	K.DALAPHISAETIEYHYGK.H	22
PLOG+4411	proteomics_log	1733492	1733533	+	2	5	K.HHQTYVTNLNLLIK.G	18
PLOG+4412	proteomics_log	1733555	1733575	+	2	2	K.SLEEIIR.S	11

PLOG+4413	proteomics_log	1733678	1733725	+	2	9	K.VAEIAASFGSFADFK.A	20
PLOG+4414	proteomics_log	1733726	1733785	+	2	7	K.AQFTDAAIKNFGSGWTWLVK.N	24
PLOG+4415	proteomics_log	1733801	1733905	+	2	5	K.LAIVSTSNAGTPLTTDATPLLTVDVWEHAYYIDYR.N	39
PLOG+4416	proteomics_log	1733906	1733968	+	2	68	R.NARPGYLEHFVALVNWFEVAK.N	25
PLOG+4417	proteomics_log	1735871	1735897	+	2	4	M.ATIKDVAKR.A	13
PLOG+4418	proteomics_log	1735895	1735939	+	2	3	K.RANVSTTTVSHVINK.T	19
PLOG+4419	proteomics_log	1735895	1735945	+	2	24	K.RANVSTTTVSHVINKTR.F	21
PLOG+4420	proteomics_log	1735898	1735945	+	2	2	R.ANVSTTTVSHVINKTR.F	20
PLOG+4421	proteomics_log	1735898	1735939	+	2	6	R.ANVSTTTVSHVINK.T	18
PLOG+4422	proteomics_log	1735967	1736023	+	2	8	R.NAVWAAIKELHYSPSAVAR.S	23
PLOG+4423	proteomics_log	1736048	1736116	+	2	11	K.SIGLLATSSEAAYFAEIIIEAVEK.N	27
PLOG+4424	proteomics_log	1736132	1736176	+	2	3	K.GYTLILGNAWNLEK.Q	19
PLOG+4425	proteomics_log	1736321	1736380	+	2	7	K.ADFTDAVIDNAFEGGYM*AGR.Y	25
PLOG+4426	proteomics_log	1736321	1736380	+	2	8	K.ADFTDAVIDNAFEGGYMAGR.Y	24
PLOG+4427	proteomics_log	1736396	1736437	+	2	5	R.GHREIGVIPGLER.N	18
PLOG+4428	proteomics_log	1736474	1736551	+	2	5	K.AMEEAMIKVPESWIVQDFEPESGYR.A	30
PLOG+4429	proteomics_log	1736711	1736749	+	2	3	R.YFTPALTTIHQPK.D	17
PLOG+4430	proteomics_log	1736711	1736791	+	2	131	R.YFTPALTTIHQPKDSLGETAFNMLLDR.I	31
PLOG+4431	proteomics_log	1736750	1736791	+	2	25	K.DSLGETAFNMLLDR.I	18
PLOG+4432	proteomics_log	1736792	1736839	+	2	59	R.IVNKREEPQSIEVHPR.L	20
PLOG+4433	proteomics_log	1739491	1739514	+	1	6	R.IANELLSR.A	12
PLOG+4434	proteomics_log	1739515	1739556	+	1	2	R.AGIAINGSAPADIR.V	18
PLOG+4435	proteomics_log	1739671	1739727	+	1	4	K.VLRAGLENQLPHHFKDTLR.I	23
PLOG+4436	proteomics_log	1744940	1744975	+	2	16	R.LKNLGVVEEVVAK.V	16
PLOG+4437	proteomics_log	1744940	1745026	+	2	45	R.LKNLGVVEEVVAKVFDVNEPLSQINQAKLA.-	33
PLOG+4438	proteomics_log	1744940	1745020	+	2	70	R.LKNLGVVEEVVAKVFDVNEPLSQINQAK.L	31
PLOG+4439	proteomics_log	1744946	1745020	+	2	4	K.NLGVVEEVVAKVFDVNEPLSQINQAK.L	29
PLOG+4440	proteomics_log	1744946	1745026	+	2	9	K.NLGVVEEVVAKVFDVNEPLSQINQAKLA.-	31
PLOG+4441	proteomics_log	1744976	1745026	+	2	2	K.VFDVNEPLSQINQAKLA.-	21
PLOG+4442	proteomics_log	1744976	1745020	+	2	28	K.VFDVNEPLSQINQAK.L	19
PLOG+4443	proteomics_log	1753737	1753760	+	3	2	K.IVCTIGPK.T	12
PLOG+4444	proteomics_log	1753737	1753817	+	3	7	K.IVCTIGPKTESEEMLAKMLDAGMVMR.L	31
PLOG+4445	proteomics_log	1753737	1753787	+	3	10	K.IVCTIGPKTESEEMLAK.M	21
PLOG+4446	proteomics_log	1753761	1753787	+	3	2	K.TESEEM*LAK.M	14
PLOG+4447	proteomics_log	1753761	1753787	+	3	39	K.TESEEMLAK.M	13
PLOG+4448	proteomics_log	1753788	1753817	+	3	2	K.MLDAGM*NVM*R.L	16
PLOG+4449	proteomics_log	1753788	1753817	+	3	5	K.MLDAGM*NVMR.L	15
PLOG+4450	proteomics_log	1753788	1753817	+	3	2	K.M*LDAGM*NVM*R.L	17
PLOG+4451	proteomics_log	1753788	1753859	+	3	6	K.MLDAGMNMRLNFSHG DYAEHGQR.I	28
PLOG+4452	proteomics_log	1753788	1753817	+	3	9	K.MLDAGMNM*R.L	15
PLOG+4453	proteomics_log	1753788	1753817	+	3	10	K.M*LDAGMNMV.R.L	15
PLOG+4454	proteomics_log	1753788	1753817	+	3	233	K.MLDAGMNMV.R.L	14
PLOG+4455	proteomics_log	1753818	1753874	+	3	17	R.LNFSHG DYAEHGQR.I	23
PLOG+4456	proteomics_log	1753818	1753859	+	3	258	R.LNFSHG DYAEHGQR.I	18
PLOG+4457	proteomics_log	1753860	1753898	+	3	2	R.IQNLRNVM SKTGK.T	17
PLOG+4458	proteomics_log	1753860	1753889	+	3	3	R.IQNLRNVM*SK.T	15

PLOG+4459	proteomics_log	1753860	1753889	+	3	6	R.IQNLRNVMSK.T	14
PLOG+4460	proteomics_log	1753860	1753940	+	3	10	R.IQNLRNVMSKTGKTAAILLDTKGPEIR.T	31
PLOG+4461	proteomics_log	1753875	1753940	+	3	7	R.NVM*SKTGKTAAILLDTKGPEIR.T	27
PLOG+4462	proteomics_log	1753875	1753940	+	3	60	R.NVMSKTGKTAAILLDTKGPEIR.T	26
PLOG+4463	proteomics_log	1753890	1753925	+	3	7	K.TGKTAAILLDTK.G	16
PLOG+4464	proteomics_log	1753890	1753940	+	3	310	K.TGKTAAILLDTKGPEIR.T	21
PLOG+4465	proteomics_log	1753899	1753925	+	3	4	K.TAAILLDTK.G	13
PLOG+4466	proteomics_log	1753899	1753940	+	3	288	K.TAAILLDTKGPEIR.T	18
PLOG+4467	proteomics_log	1753941	1753979	+	3	4	R.TM*KLEGGNDVSLK.A	18
PLOG+4468	proteomics_log	1753941	1753979	+	3	13	R.TMKLEGGNDVSLK.A	17
PLOG+4469	proteomics_log	1753950	1753979	+	3	3	K.LEGGNDVSLK.A	14
PLOG+4470	proteomics_log	1754157	1754240	+	3	18	K.VLNNGDLGENKGVNLPGVSIAPALAEK.D	32
PLOG+4471	proteomics_log	1754157	1754189	+	3	26	K.VLNNGDLGENK.G	15
PLOG+4472	proteomics_log	1754190	1754240	+	3	3	K.GVNLPGVSIAPALAEK.D	21
PLOG+4473	proteomics_log	1754307	1754333	+	3	2	R.KRSDVIEIR.E	13
PLOG+4474	proteomics_log	1754310	1754333	+	3	2	K.RSDVIEIR.E	12
PLOG+4475	proteomics_log	1754310	1754345	+	3	3	K.RSDVIEIREHLK.A	16
PLOG+4476	proteomics_log	1754313	1754345	+	3	29	R.SDVIEIREHLK.A	15
PLOG+4477	proteomics_log	1754346	1754381	+	3	27	K.AHGGENIHIISK.I	16
PLOG+4478	proteomics_log	1754382	1754453	+	3	12	K.IENQEGLNMFDEILEASDGIM*VAR.G	29
PLOG+4479	proteomics_log	1754382	1754453	+	3	180	K.IENQEGLNMFDEILEASDGIMVAR.G	28
PLOG+4480	proteomics_log	1754454	1754495	+	3	2	R.GDLGVEIPVEEVIF.A	18
PLOG+4481	proteomics_log	1754454	1754504	+	3	558	R.GDLGVEIPVEEVIFAQK.M	21
PLOG+4482	proteomics_log	1754535	1754588	+	3	2	R.KVVITATQMLDSMIKNPR.P	22
PLOG+4483	proteomics_log	1754535	1754597	+	3	2	R.KVVITATQM*LDSM*IKNPRPTR.A	27
PLOG+4484	proteomics_log	1754535	1754579	+	3	22	R.KVVITATQMLDSMIK.N	19
PLOG+4485	proteomics_log	1754535	1754597	+	3	23	R.KVVITATQMLDSMIKNPRPTR.A	25
PLOG+4486	proteomics_log	1754568	1754672	+	3	3	D.SMIKNPRPTRAEAGDVANAILDGTDAVMLSGESAK.G	39
PLOG+4487	proteomics_log	1754598	1754672	+	3	9	R.AEAGDVANAILDGTDAVM*LSGESAK.G	30
PLOG+4488	proteomics_log	1754598	1754672	+	3	69	R.AEAGDVANAILDGTDAVMLSGESAK.G	29
PLOG+4489	proteomics_log	1754673	1754723	+	3	7	K.GKYPLEAVSIMATICER.T	21
PLOG+4490	proteomics_log	1754733	1754774	+	3	2	R.VM*NSRLEFNNDNRK.L	19
PLOG+4491	proteomics_log	1754733	1754771	+	3	3	R.VMNSRLEFNNDNR.K	17
PLOG+4492	proteomics_log	1754748	1754771	+	3	80	R.LEFNNDNR.K	12
PLOG+4493	proteomics_log	1754775	1754804	+	3	2	K.LRITEAVCRG.A	14
PLOG+4494	proteomics_log	1754781	1754876	+	3	2	R.ITEAVCRGAVETAEKLDAPLIVVATQGGKSAR.A	36
PLOG+4495	proteomics_log	1754781	1754867	+	3	5	R.ITEAVCRGAVETAEKLDAPLIVVATQGGK.S	33
PLOG+4496	proteomics_log	1754802	1754894	+	3	35	R.GAVETAEKLDAPLIVVATQGGKSARAVRKYF.P	35
PLOG+4497	proteomics_log	1754802	1754876	+	3	218	R.GAVETAEKLDAPLIVVATQGGKSAR.A	29
PLOG+4498	proteomics_log	1754802	1754867	+	3	398	R.GAVETAEKLDAPLIVVATQGGK.S	26
PLOG+4499	proteomics_log	1754826	1754867	+	3	22	K.LDAPLIVVATQGGK.S	18
PLOG+4500	proteomics_log	1754877	1754960	+	3	4	R.AVRKYFPDATILALTTNEKTAHQVLVLSK.G	32
PLOG+4501	proteomics_log	1754877	1754933	+	3	4	R.AVRKYFPDATILALTTNEK.T	23
PLOG+4502	proteomics_log	1754886	1754960	+	3	140	R.KYFPDATILALTTNEKTAHQVLVLSK.G	29
PLOG+4503	proteomics_log	1754886	1754933	+	3	142	R.KYFPDATILALTTNEK.T	20
PLOG+4504	proteomics_log	1754889	1754933	+	3	84	K.YFPDATILALTTNEK.T	19

PLOG+4505	proteomics_log	1754934	1754984	+	3	2	K.TAHQLVLSKGVVPQLVK.E	21
PLOG+4506	proteomics_log	1754934	1755014	+	3	9	K.TAHQLVLSKGVVPQLVKEITSTDDFYR.L	31
PLOG+4507	proteomics_log	1754934	1754960	+	3	160	K.TAHQLVLSK.G	13
PLOG+4508	proteomics_log	1754961	1755023	+	3	2	K.GVVPQLVKEITSTDDFYRLGK.E	25
PLOG+4509	proteomics_log	1754961	1755014	+	3	191	K.GVVPQLVKEITSTDDFYR.L	22
PLOG+4510	proteomics_log	1754985	1755014	+	3	6	K.EITSTDDFYR.L	14
PLOG+4511	proteomics_log	1755015	1755056	+	3	2	R.LGKELALQSGLAHK.G	18
PLOG+4512	proteomics_log	1755015	1755131	+	3	30	R.LGKELALQSGLAHKGDVVMVSGALVPSGTTNTASVHVL.-	43
PLOG+4513	proteomics_log	1755523	1755564	+	1	20	K.IDQLSSDVQTLNAK.V	18
PLOG+4514	proteomics_log	1755565	1755600	+	1	7	K.VDQLSNDVNAM*R.S	17
PLOG+4515	proteomics_log	1755565	1755600	+	1	96	K.VDQLSNDVNAMR.S	16
PLOG+4516	proteomics_log	1755601	1755648	+	1	37	R.SDVQAAKDDAARANQR.L	20
PLOG+4517	proteomics_log	1755601	1755636	+	1	154	R.SDVQAAKDDAAR.A	16
PLOG+4518	proteomics_log	1755637	1755666	+	1	2	R.ANQRLDNMAT.K	14
PLOG+4519	proteomics_log	1755637	1755669	+	1	4	R.ANQRLDNM*ATK.Y	16
PLOG+4520	proteomics_log	1755637	1755678	+	1	11	R.ANQRLDNMATKYRK.-	18
PLOG+4521	proteomics_log	1755637	1755669	+	1	64	R.ANQRLDNMATK.Y	15
PLOG+4522	proteomics_log	1755649	1755678	+	1	7	R.LDNMATKYRK.-	14
PLOG+4523	proteomics_log	1755649	1755669	+	1	32	R.LDNMATK.Y	11
PLOG+4524	proteomics_log	1772179	1772268	+	1	4	I.KGKTMVLLGAGGASTAIGAQAIEGLKEIK.L	34
PLOG+4525	proteomics_log	1772710	1772760	+	1	21	K.MKTVTVKDLVIGTGAPK.I	21
PLOG+4526	proteomics_log	1772908	1772955	+	1	21	K.ILRETMPEKPLLFTR.S	20
PLOG+4527	proteomics_log	1773016	1773120	+	1	12	R.AAIDSGLVDMIDLELFTGDDQVKETVAYAHAHDVK.V	39
PLOG+4528	proteomics_log	1773220	1773330	+	1	37	K.IALMPQSTSDVLTLLAATLEMQEYADRPIITMSMAK.T	41
PLOG+4529	proteomics_log	1773349	1773396	+	1	6	R.LAGEVFGSAATFGAVK.K	20
PLOG+4530	proteomics_log	1773400	1773438	+	1	4	K.ASAPGQISVNDLR.T	17
PLOG+4531	proteomics_log	1773439	1773465	+	1	25	R.TVLTILHQA.-	13
PLOG+4532	proteomics_log	1785856	1785906	+	1	5	R.IAAIDYTLAHDDGISLR.N	21
PLOG+4533	proteomics_log	1785907	1785948	+	1	5	R.NLDQAQVILLGVSR.C	18
PLOG+4534	proteomics_log	1786492	1786575	+	1	9	R.IESLVTPAELALRYPTPGVATHVTDSR.R	32
PLOG+4535	proteomics_log	1786837	1786950	+	1	6	R.KLLLQVNELGVPTATEFLDMVTGQFIADLISWGAIGAR.T	42
PLOG+4536	proteomics_log	1787326	1787373	+	1	2	R.NGSTAIAGIM*AESFLR.E	21
PLOG+4537	proteomics_log	1787326	1787373	+	1	23	R.NGSTAIAGIMAESFLR.E	20
PLOG+4538	proteomics_log	1794946	1794993	+	1	2	R.QRAKERAFQQHVLFCV.I	20
PLOG+4539	proteomics_log	1804403	1804480	+	2	4	R.IYTLTLAPSLDSATITPQIYPEGKLR.C	30
PLOG+4540	proteomics_log	1804403	1804474	+	2	21	R.IYTLTLAPSLDSATITPQIYPEGK.L	28
PLOG+4541	proteomics_log	1804838	1804867	+	2	2	K.LTQLISAAQK.Q	14
PLOG+4542	proteomics_log	1805012	1805044	+	2	2	R.KAAQEIVNSGK.A	15
PLOG+4543	proteomics_log	1805015	1805053	+	2	2	K.AAQEIVNSGKAKR.V	17
PLOG+4544	proteomics_log	1805015	1805044	+	2	3	K.AAQEIVNSGK.A	14
PLOG+4545	proteomics_log	1805189	1805224	+	2	4	K.LAENASLEEMVR.F	16
PLOG+4546	proteomics_log	1805225	1805272	+	2	12	R.FGVAAGSAATLNQGTR.L	20
PLOG+4547	proteomics_log	1809879	1809923	+	3	3	R.SSAASIPLNVEAQTR.R	19
PLOG+4548	proteomics_log	1810305	1810346	+	3	5	K.AILDSEDDAELAAH.-	18
PLOG+4549	proteomics_log	1812074	1812151	+	2	2	R.NEKLNSLEDVRKGSENYALTTNQGVR.I	30
PLOG+4550	proteomics_log	1812074	1812106	+	2	2	R.NEKLNSLEDVR.K	15

PLOG+4551	proteomics_log	1812107	1812151	+	2	5	R.KGSENYALTTNQGVR.I	19
PLOG+4552	proteomics_log	1812152	1812178	+	2	31	R.IADDQNSLR.A	13
PLOG+4553	proteomics_log	1812179	1812229	+	2	17	R.AGSRGPTLLEDFILREK.I	21
PLOG+4554	proteomics_log	1812179	1812223	+	2	32	R.AGSRGPTLLEDFILR.E	19
PLOG+4555	proteomics_log	1812191	1812229	+	2	2	R.GPTLLEDFILREK.I	17
PLOG+4556	proteomics_log	1812191	1812223	+	2	18	R.GPTLLEDFILR.E	15
PLOG+4557	proteomics_log	1812230	1812253	+	2	4	K.ITHFDHER.I	12
PLOG+4558	proteomics_log	1812281	1812385	+	2	2	R.GSAAHGYFQPYKSLSDITKADFLSDPNKITPVFVR.F	39
PLOG+4559	proteomics_log	1812281	1812316	+	2	4	R.GSAAHGYFQPYK.S	16
PLOG+4560	proteomics_log	1812317	1812337	+	2	2	K.SLSDITK.A	11
PLOG+4561	proteomics_log	1812338	1812385	+	2	14	K.ADFLSDPNKITPVFVR.F	20
PLOG+4562	proteomics_log	1812386	1812430	+	2	16	R.FSTVQGGAGSADTVR.D	19
PLOG+4563	proteomics_log	1812692	1812724	+	2	3	R.TMEFGIHTFR.L	15
PLOG+4564	proteomics_log	1812851	1812964	+	2	2	R.ELWEAIEAGDFPEYELGFQLIPEEDEFKDFDLLDPTK.L	42
PLOG+4565	proteomics_log	1813376	1813417	+	2	4	R.ERSPSFGEYSHPR.L	18
PLOG+4566	proteomics_log	1813382	1813417	+	2	6	R.SPSFGEYSHPR.L	16
PLOG+4567	proteomics_log	1813418	1813453	+	2	16	R.LFWLSQTPFEQR.H	16
PLOG+4568	proteomics_log	1813454	1813489	+	2	11	R.HIVDGFSELSK.V	16
PLOG+4569	proteomics_log	1813511	1813570	+	2	12	R.ERVVDQLAHIDLTLAQAVAK.N	24
PLOG+4570	proteomics_log	1813517	1813570	+	2	43	R.VVDQLAHIDLTLAQAVAK.N	22
PLOG+4571	proteomics_log	1813676	1813726	+	2	5	D.GDVKGRVVAILLNDEVR.S	21
PLOG+4572	proteomics_log	1813694	1813768	+	2	4	R.VVAILLNDEVRSADLLAILKALKAK.G	29
PLOG+4573	proteomics_log	1813694	1813726	+	2	5	R.VVAILLNDEVR.S	15
PLOG+4574	proteomics_log	1813727	1813753	+	2	19	R.SADLLAILK.A	13
PLOG+4575	proteomics_log	1813961	1813996	+	2	3	K.HLKPIALAGDAR.K	16
PLOG+4576	proteomics_log	1814018	1814110	+	2	29	K.IADQGEEGIVEADSADGSFMDLLTLMAHR.V	35
PLOG+4577	proteomics_log	1814123	1814149	+	2	2	R.IPKIDKIPA.-	13
PLOG+4578	proteomics_log	1818832	1818939	+	1	6	-.ASPTLYGVTVINAATDNNPAASASTLRSSASAMPIK.N	40
PLOG+4579	proteomics_log	1820482	1820508	+	1	20	S.MTLQQQIIK.A	13
PLOG+4580	proteomics_log	1820509	1820556	+	1	35	K.ALGAKPQINAEIEIRR.S	20
PLOG+4581	proteomics_log	1820557	1820604	+	1	65	R.SVDFLKSYLQTYPFIK.S	20
PLOG+4582	proteomics_log	1820575	1820604	+	1	32	K.SYLQTYPFIK.S	14
PLOG+4583	proteomics_log	1820605	1820655	+	1	5	K.SLVLGISGGQDSTLAGK.L	21
PLOG+4584	proteomics_log	1820686	1820727	+	1	8	R.LETGNESLQFIAVR.L	18
PLOG+4585	proteomics_log	1820797	1820883	+	1	4	R.VLTVNIKGAVLASEQALREAGIELSDFVR.G	33
PLOG+4586	proteomics_log	1820818	1820907	+	1	4	K.GAVLASEQALREAGIELSDFVRGNEKARER.M	34
PLOG+4587	proteomics_log	1820818	1820901	+	1	8	K.GAVLASEQALREAGIELSDFVRGNEKAR.E	32
PLOG+4588	proteomics_log	1820818	1820883	+	1	23	K.GAVLASEQALREAGIELSDFVR.G	26
PLOG+4589	proteomics_log	1820818	1820850	+	1	31	K.GAVLASEQALR.E	15
PLOG+4590	proteomics_log	1820818	1820895	+	1	116	K.GAVLASEQALREAGIELSDFVRGNEK.A	30
PLOG+4591	proteomics_log	1820851	1820883	+	1	19	R.EAGIELSDFVR.G	15
PLOG+4592	proteomics_log	1820908	1821000	+	1	6	R.M*KAQYSIAGM*TSGVVVGTDHAAEAITGFFTK.Y	37
PLOG+4593	proteomics_log	1820908	1821000	+	1	83	R.MKAQYSIAGMTSGVVVGTDHAAEAITGFFTK.Y	35
PLOG+4594	proteomics_log	1820914	1821000	+	1	53	K.AQYSIAGMTSGVVVGTDHAAEAITGFFTK.Y	33
PLOG+4595	proteomics_log	1820923	1821000	+	1	3	Y.SIAGMTSGVVVGTDHAAEAITGFFTK.Y	30
PLOG+4596	proteomics_log	1821001	1821039	+	1	49	K.YGDGGTDINPLYR.L	17

PLOG+4597	proteomics_log	1821103	1821204	+	1	10	K.KAPTADLEDDRPSLPDEVALGVTYDNIDDYLEGK.N	38
PLOG+4598	proteomics_log	1821229	1821252	+	1	20	R.TIENWYLK.T	12
PLOG+4599	proteomics_log	1821268	1821303	+	1	7	R.RPPITVFDDFWK.K	16
PLOG+4600	proteomics_log	1821268	1821306	+	1	103	R.RPPITVFDDFWKK.-	17
PLOG+4601	proteomics_log	1827342	1827389	+	3	4	H.RQHAVRAMSQARRAVR.H	20
PLOG+4602	proteomics_log	1830452	1830487	+	2	9	T.MKFVSFNINGLR.A	16
PLOG+4603	proteomics_log	1830458	1830487	+	2	2	K.FVSFNINGLR.A	14
PLOG+4604	proteomics_log	1830488	1830523	+	2	16	R.ARPHQLEAIVEK.H	16
PLOG+4605	proteomics_log	1830560	1830598	+	2	5	K.VHDDMFPLEEVAK.L	17
PLOG+4606	proteomics_log	1830632	1830661	+	2	2	K.GHYGVALLTK.E	14
PLOG+4607	proteomics_log	1830722	1830799	+	2	11	R.IIMAEIPSLGNVTVINGYFPQGESR.D	30
PLOG+4608	proteomics_log	1830878	1830955	+	2	4	R.DNPVLIM*GDM*NISPTDLDIGIGEENR.K	32
PLOG+4609	proteomics_log	1831019	1831051	+	2	16	R.LMSWGLVDTFR.H	15
PLOG+4610	proteomics_log	1831205	1831255	+	2	2	R.SM*EKPSDHAPVWATFRR.-	22
PLOG+4611	proteomics_log	1832666	1832785	+	2	2	C.VWIAARSASSAMQHTLM*VRLKNVVKLNSKAM*PQFSRRITR.W	46
PLOG+4612	proteomics_log	1832710	1832733	+	1	3	Y.TYGAVEKR.G	12
PLOG+4613	proteomics_log	1834304	1834333	+	2	14	R.LADAADAVKR.I	14
PLOG+4614	proteomics_log	1834334	1834363	+	2	2	R.IQTEAAAGRK.T	14
PLOG+4615	proteomics_log	1838322	1838390	+	3	2	K.AEPDFGVKIPAPQLMLDMEQAR.G	27
PLOG+4616	proteomics_log	1838508	1838573	+	3	2	R.WGHAGSDSTHMEDFHNPDTMR.S	26
PLOG+4617	proteomics_log	1840395	1840445	+	3	2	S.MDQTYLESFLNHVQKR.D	21
PLOG+4618	proteomics_log	1840395	1840481	+	3	4	S.M*DQTYLESFLNHVQKRDPNQTEFAQAVR.E	34
PLOG+4619	proteomics_log	1840395	1840442	+	3	24	S.MDQTYLESFLNHVQK.R	20
PLOG+4620	proteomics_log	1840395	1840481	+	3	27	S.MDQTYLESFLNHVQKRDPNQTEFAQAVR.E	33
PLOG+4621	proteomics_log	1840428	1840526	+	3	2	L.NHVQKRDPNQTEFAQAVREVMTTLWPFLEQNPK.Y	37
PLOG+4622	proteomics_log	1840443	1840526	+	3	4	K.RDPNQTEFAQAVREVMTTLWPFLEQNPK.Y	32
PLOG+4623	proteomics_log	1840443	1840481	+	3	14	K.RDPNQTEFAQAVR.E	17
PLOG+4624	proteomics_log	1840446	1840526	+	3	9	R.DPNQTEFAQAVREVMTTLWPFLEQNPK.Y	31
PLOG+4625	proteomics_log	1840446	1840532	+	3	9	R.DPNQTEFAQAVREVMTTLWPFLEQNPKYR.Q	33
PLOG+4626	proteomics_log	1840446	1840481	+	3	17	R.DPNQTEFAQAVR.E	16
PLOG+4627	proteomics_log	1840482	1840532	+	3	3	R.EVMTTLWPFLEQNPKYR.Q	21
PLOG+4628	proteomics_log	1840482	1840526	+	3	65	R.EVMTTLWPFLEQNPK.Y	19
PLOG+4629	proteomics_log	1840638	1840682	+	3	4	R.VQFSSAIGPYKGGMR.F	19
PLOG+4630	proteomics_log	1840638	1840670	+	3	9	R.VQFSSAIGPYK.G	15
PLOG+4631	proteomics_log	1840683	1840778	+	3	13	R.FHPSVNLKFLGFEQTFKNALTTLPMGGGK.G	36
PLOG+4632	proteomics_log	1840716	1840742	+	3	3	K.FLGFEQTFK.N	13
PLOG+4633	proteomics_log	1840743	1840778	+	3	4	K.NALTTLPMGGGK.G	16
PLOG+4634	proteomics_log	1840803	1840829	+	3	6	K.GKSEGEVMR.F	13
PLOG+4635	proteomics_log	1840863	1840946	+	3	8	R.HLGADTDVPAGDIGVGGREVGFMAGMMK.K	32
PLOG+4636	proteomics_log	1840863	1840916	+	3	33	R.HLGADTDVPAGDIGVGGR.E	22
PLOG+4637	proteomics_log	1840947	1840985	+	3	2	K.KLSNNTACVFTGK.G	17
PLOG+4638	proteomics_log	1840947	1840988	+	3	7	K.KLSNNTACVFTGKG.L	18
PLOG+4639	proteomics_log	1840986	1841069	+	3	2	K.GLSFGGSLIRPEATGYGLVYFTEAM*LKR.H	33
PLOG+4640	proteomics_log	1840986	1841066	+	3	57	K.GLSFGGSLIRPEATGYGLVYFTEAMLK.R	31
PLOG+4641	proteomics_log	1840986	1841069	+	3	184	K.GLSFGGSLIRPEATGYGLVYFTEAMLKR.H	32
PLOG+4642	proteomics_log	1841070	1841165	+	3	2	R.HGMGFEGMRVSVSGSNVAQYAIKAMEFGAR.V	36

PLOG+4643	proteomics_log	1841070	1841096	+	3	50	R.HGMGFEGMR.V	13
PLOG+4644	proteomics_log	1841076	1841144	+	3	2	G.MGFEGMRVSVSGSNVAQYAIK.A	27
PLOG+4645	proteomics_log	1841097	1841165	+	3	2	R.VSVSGSNVAQYAIKAM*EFGAR.V	28
PLOG+4646	proteomics_log	1841097	1841165	+	3	62	R.VSVSGSNVAQYAIKAMEFGAR.V	27
PLOG+4647	proteomics_log	1841097	1841144	+	3	151	R.VSVSGSNVAQYAIK.A	20
PLOG+4648	proteomics_log	1841166	1841222	+	3	14	R.VITASDSSGTVVDESFTK.E	23
PLOG+4649	proteomics_log	1841166	1841237	+	3	63	R.VITASDSSGTVVDESFTKEKLAR.L	28
PLOG+4650	proteomics_log	1841166	1841228	+	3	78	R.VITASDSSGTVVDESFTKEK.L	25
PLOG+4651	proteomics_log	1841238	1841270	+	3	3	R.LIEIKASRDGR.V	15
PLOG+4652	proteomics_log	1841238	1841261	+	3	5	R.LIEIKASR.D	12
PLOG+4653	proteomics_log	1841418	1841564	+	3	3	K.AVAEGANM*PTTIEATELFQQAGVLFAPGKAANAGGVATSGLEMAQNAAR.L	54
PLOG+4654	proteomics_log	1841418	1841564	+	3	4	K.AVAEGANMPTTIEATELFQQAGVLFAPGKAANAGGVATSGLEM*AQNAAR.L	54
PLOG+4655	proteomics_log	1841418	1841564	+	3	3	K.AVAEGANM*PTTIEATELFQQAGVLFAPGKAANAGGVATSGLEM*AQNAAR.L	55
PLOG+4656	proteomics_log	1841418	1841504	+	3	9	K.AVAEGANM*PTTIEATELFQQAGVLFAPGK.A	34
PLOG+4657	proteomics_log	1841418	1841564	+	3	18	K.AVAEGANMPTTIEATELFQQAGVLFAPGKAANAGGVATSGLEMAQNAAR.L	53
PLOG+4658	proteomics_log	1841418	1841504	+	3	97	K.AVAEGANMPTTIEATELFQQAGVLFAPGK.A	33
PLOG+4659	proteomics_log	1841505	1841564	+	3	7	K.AANAGGVATSGLEM*AQNAAR.L	25
PLOG+4660	proteomics_log	1841505	1841564	+	3	336	K.AANAGGVATSGLEMAQNAAR.L	24
PLOG+4661	proteomics_log	1841565	1841597	+	3	138	R.LGWKAEKVDAR.L	15
PLOG+4662	proteomics_log	1841703	1841735	+	3	5	K.VADAM*LAQGVI.-	16
PLOG+4663	proteomics_log	1841703	1841735	+	3	60	K.VADAMLAQGVI.-	15
PLOG+4664	proteomics_log	1842865	1842885	+	1	4	S.QDGFVIK.L	11
PLOG+4665	proteomics_log	1843689	1843739	+	3	7	F.AFGNVQFDNTLAEHRIR.A	21
PLOG+4666	proteomics_log	1848941	1848982	+	2	10	R.SEQGYIPVSGHLQR.Q	18
PLOG+4667	proteomics_log	1849259	1849345	+	2	56	R.SDGQINLLNLYVAANYPINEVTLFFNNR.L	33
PLOG+4668	proteomics_log	1849373	1849447	+	2	21	K.AHADGFDAFASPPLLEAGIHIR.R	29
PLOG+4669	proteomics_log	1849448	1849564	+	2	2	R.RLNTPPAPHGEGELIVHPITPQPIGVVTIYPGISADVVR.N	43
PLOG+4670	proteomics_log	1849565	1849603	+	2	4	R.NFLRQPVKALILR.S	17
PLOG+4671	proteomics_log	1849604	1849636	+	2	9	R.SYGVGNAPQNK.A	15
PLOG+4672	proteomics_log	1849637	1849672	+	2	7	K.AFLQELQEASDR.G	16
PLOG+4673	proteomics_log	1850220	1850297	+	3	4	K.AIAAVFHKGENPLVDSYSAFFDNGRR.Q	30
PLOG+4674	proteomics_log	1850385	1850420	+	3	2	K.FTVLDALQLGYK.V	16
PLOG+4675	proteomics_log	1860798	1860839	+	3	4	M.TIKVGINGFGRIGR.I	18
PLOG+4676	proteomics_log	1860798	1860830	+	3	293	M.TIKVGINGFGR.I	15
PLOG+4677	proteomics_log	1860807	1860830	+	3	39	K.VGINGFGR.I	12
PLOG+4678	proteomics_log	1860840	1860932	+	3	12	R.IVFRAAQKRSIEIVAINDLLDADYMLK.Y	35
PLOG+4679	proteomics_log	1860852	1860953	+	3	5	R.AAQKRSIEIVAINDLLDADYMLKYDSTHGR.F	38
PLOG+4680	proteomics_log	1860852	1860932	+	3	8	R.AAQKRSIEIVAINDLLDADYM*AYMLK.Y	32
PLOG+4681	proteomics_log	1860852	1860932	+	3	9	R.AAQKRSIEIVAINDLLDADYMLK.Y	32
PLOG+4682	proteomics_log	1860852	1860932	+	3	8	R.AAQKRSIEIVAINDLLDADYM*AYM*LK.Y	33
PLOG+4683	proteomics_log	1860852	1860932	+	3	186	R.AAQKRSIEIVAINDLLDADYMLK.Y	31
PLOG+4684	proteomics_log	1860864	1860968	+	3	8	K.RSDIEIVAINDLLDADYMLKYDSTHGRFDGTV.E	39
PLOG+4685	proteomics_log	1860864	1860932	+	3	8	K.RSDIEIVAINDLLDADYMLK.Y	28
PLOG+4686	proteomics_log	1860864	1860932	+	3	30	K.RSDIEIVAINDLLDADYM*AYMLK.Y	28
PLOG+4687	proteomics_log	1860864	1860932	+	3	8	K.RSDIEIVAINDLLDADYM*AYM*LK.Y	29
PLOG+4688	proteomics_log	1860864	1860953	+	3	74	K.RSDIEIVAINDLLDADYMLKYDSTHGR.F	34

PLOG+4689	proteomics_log	1860864	1860932	+	3	453	K.RSDIEIVAINDLLDADYMLK.Y	27
PLOG+4690	proteomics_log	1860867	1860914	+	3	4	R.SDIEIVAINDLLDADY.M	20
PLOG+4691	proteomics_log	1860867	1860923	+	3	7	R.SDIEIVAINDLLDADY.M	23
PLOG+4692	proteomics_log	1860867	1860923	+	3	7	R.SDIEIVAINDLLDADY*AY.M	24
PLOG+4693	proteomics_log	1860867	1860977	+	3	48	R.SDIEIVAINDLLDADYMLKYDSTHGRFDGTVEVK.D	41
PLOG+4694	proteomics_log	1860867	1860932	+	3	116	R.SDIEIVAINDLLDADY*AYMLK.Y	27
PLOG+4695	proteomics_log	1860867	1860932	+	3	174	R.SDIEIVAINDLLDADY*AYM*LK.Y	27
PLOG+4696	proteomics_log	1860867	1860932	+	3	116	R.SDIEIVAINDLLDADY*AYM*LK.Y	28
PLOG+4697	proteomics_log	1860867	1860953	+	3	194	R.SDIEIVAINDLLDADYMLKYDSTHGR.F	33
PLOG+4698	proteomics_log	1860867	1860932	+	3	2532	R.SDIEIVAINDLLDADYMLK.Y	26
PLOG+4699	proteomics_log	1860882	1860932	+	3	3	I.VAINDLLDADYMLK.Y	21
PLOG+4700	proteomics_log	1860888	1860932	+	3	7	A.INDLLDADYMLK.Y	19
PLOG+4701	proteomics_log	1860891	1860932	+	3	9	I.NDLLDADY*AYMLK.Y	19
PLOG+4702	proteomics_log	1860891	1860932	+	3	10	I.NDLLDADY*AYMLK.Y	19
PLOG+4703	proteomics_log	1860891	1860932	+	3	549	I.NDLLDADYMLK.Y	18
PLOG+4704	proteomics_log	1860933	1861013	+	3	27	K.YDSTHGRFDGTVEVKDGHVINGKIR.V	31
PLOG+4705	proteomics_log	1860933	1860977	+	3	61	K.YDSTHGRFDGTVEVK.D	19
PLOG+4706	proteomics_log	1860933	1861007	+	3	172	K.YDSTHGRFDGTVEVKDGHVINGK.I	29
PLOG+4707	proteomics_log	1860933	1861004	+	3	253	K.YDSTHGRFDGTVEVKDGHVINGK.K	28
PLOG+4708	proteomics_log	1860954	1860977	+	3	8	R.FDGTVEVK.D	12
PLOG+4709	proteomics_log	1860954	1861013	+	3	16	R.FDGTVEVKDGHVINGKIR.V	24
PLOG+4710	proteomics_log	1860954	1861007	+	3	22	R.FDGTVEVKDGHVINGK.I	22
PLOG+4711	proteomics_log	1860954	1861004	+	3	120	R.FDGTVEVKDGHVINGK.K	21
PLOG+4712	proteomics_log	1860978	1861007	+	3	5	K.DGHVINGK.I	14
PLOG+4713	proteomics_log	1860978	1861013	+	3	13	K.DGHVINGKIR.V	16
PLOG+4714	proteomics_log	1860978	1861004	+	3	92	K.DGHVINGK.K	13
PLOG+4715	proteomics_log	1861005	1861115	+	3	32	K.KIRVTAERDPANLKWDEVGVVVAEATGLFLTDATAR.K	41
PLOG+4716	proteomics_log	1861008	1861046	+	3	3	K.IRVTAERDPANLK.W	17
PLOG+4717	proteomics_log	1861008	1861139	+	3	7	K.IRVTAERDPANLKWDEVGVVVAEATGLFLTDATAR.KHITAGAK.K	48
PLOG+4718	proteomics_log	1861008	1861118	+	3	86	K.IRVTAERDPANLKWDEVGVVVAEATGLFLTDATAR.H	41
PLOG+4719	proteomics_log	1861008	1861115	+	3	276	K.IRVTAERDPANLKWDEVGVVVAEATGLFLTDATAR.K	40
PLOG+4720	proteomics_log	1861014	1861142	+	3	22	R.VTAERDPANLKWDEVGVVVAEATGLFLTDATAR.KHITAGAK.V	47
PLOG+4721	proteomics_log	1861014	1861046	+	3	38	R.VTAERDPANLK.W	15
PLOG+4722	proteomics_log	1861014	1861139	+	3	65	R.VTAERDPANLKWDEVGVVVAEATGLFLTDATAR.KHITAGAK.K	46
PLOG+4723	proteomics_log	1861014	1861118	+	3	344	R.VTAERDPANLKWDEVGVVVAEATGLFLTDATAR.H	39
PLOG+4724	proteomics_log	1861014	1861115	+	3	1170	R.VTAERDPANLKWDEVGVVVAEATGLFLTDATAR.K	38
PLOG+4725	proteomics_log	1861029	1861115	+	3	5	R.DPANLKWDEVGVVVAEATGLFLTDATAR.K	33
PLOG+4726	proteomics_log	1861032	1861118	+	3	6	D.PANLKWDEVGVVVAEATGLFLTDATAR.H	33
PLOG+4727	proteomics_log	1861032	1861115	+	3	7	D.PANLKWDEVGVVVAEATGLFLTDATAR.K	32
PLOG+4728	proteomics_log	1861041	1861118	+	3	96	N.LKWDEVGVVVAEATGLFLTDATAR.H	30
PLOG+4729	proteomics_log	1861047	1861139	+	3	3	K.WDEVGVVVAEATGLFLTDATAR.KHITAGAK.K	35
PLOG+4730	proteomics_log	1861047	1861118	+	3	6	K.WDEVGVVVAEATGLFLTDATAR.H	28
PLOG+4731	proteomics_log	1861047	1861115	+	3	61	K.WDEVGVVVAEATGLFLTDATAR.K	27
PLOG+4732	proteomics_log	1861116	1861190	+	3	39	R.KHITAGAKVMTGPSKDNTMPFVK.G	29
PLOG+4733	proteomics_log	1861116	1861139	+	3	57	R.KHITAGAK.K	12
PLOG+4734	proteomics_log	1861119	1861142	+	3	3	K.HITAGAK.V	12

PLOG+4735	proteomics_log	1861119	1861139	+	3	11	K.HITAGAK.K	11
PLOG+4736	proteomics_log	1861119	1861190	+	3	37	K.HITAGAKKVVMTGPSKDNTPMFVK.G	28
PLOG+4737	proteomics_log	1861140	1861208	+	3	2	K.KVVM*TGPSKDNTPMFVKGANFDK.Y	28
PLOG+4738	proteomics_log	1861140	1861208	+	3	2	K.KVVM*TGPSKDNTPMFVKGANFDK.Y	27
PLOG+4739	proteomics_log	1861140	1861208	+	3	2	K.KVVM*TGPSKDNTPM*FVKGANFDK.Y	29
PLOG+4740	proteomics_log	1861140	1861190	+	3	7	K.KVVM*TGPSKDNTPM*FVK.G	23
PLOG+4741	proteomics_log	1861140	1861166	+	3	7	K.KVVM*TGPSK.D	14
PLOG+4742	proteomics_log	1861140	1861190	+	3	10	K.KVVM*TGPSKDNTPM*FVK.G	22
PLOG+4743	proteomics_log	1861140	1861190	+	3	23	K.KVVM*TGPSKDNTPMFVK.G	22
PLOG+4744	proteomics_log	1861140	1861166	+	3	33	K.KVVM*TGPSK.D	13
PLOG+4745	proteomics_log	1861140	1861190	+	3	519	K.KVVM*TGPSKDNTPMFVK.G	21
PLOG+4746	proteomics_log	1861143	1861196	+	3	2	K.VVMTGPSKDNTPMFVKGA.N	22
PLOG+4747	proteomics_log	1861143	1861166	+	3	2	K.VVMTGPSK.D	12
PLOG+4748	proteomics_log	1861143	1861190	+	3	3	K.VVMTGPSKDNTPM*FVK.G	21
PLOG+4749	proteomics_log	1861143	1861190	+	3	3	K.VVM*TGPSKDNTPM*FVK.G	22
PLOG+4750	proteomics_log	1861143	1861190	+	3	19	K.VVM*TGPSKDNTPMFVK.G	21
PLOG+4751	proteomics_log	1861143	1861190	+	3	61	K.VVMTGPSKDNTPMFVK.G	20
PLOG+4752	proteomics_log	1861149	1861190	+	3	8	V.MTGPSKDNTPMFVK.G	18
PLOG+4753	proteomics_log	1861191	1861274	+	3	4	K.GANFDKYAGQDIVSNASCTTNCLAPLAK.V	32
PLOG+4754	proteomics_log	1861191	1861241	+	3	22	K.GANFDKYAGQDIVSNAS.C	21
PLOG+4755	proteomics_log	1861191	1861274	+	3	4	K.GANFDKYAGQDIVSNASCTTNCLAPLAK.V	32
PLOG+4756	proteomics_log	1861209	1861274	+	3	2	K.YAGQDIVSNASCTTNCLAPLAK.V	26
PLOG+4757	proteomics_log	1861221	1861274	+	3	20	Q.DIVSNASCTTNCLAPLAK.V	22
PLOG+4758	proteomics_log	1861275	1861379	+	3	4	K.VINDNFGIIEGLM*TTVHATTATQKTVDGPSHKDWR.G	40
PLOG+4759	proteomics_log	1861275	1861388	+	3	11	K.VINDNFGIIEGLMTTVHATTATQKTVDGPSHKDWRGGR.G	42
PLOG+4760	proteomics_log	1861275	1861370	+	3	35	K.VINDNFGIIEGLMTTVHATTATQKTVDGPSHK.D	36
PLOG+4761	proteomics_log	1861275	1861346	+	3	168	K.VINDNFGIIEGLM*TTVHATTATQK.T	29
PLOG+4762	proteomics_log	1861275	1861379	+	3	262	K.VINDNFGIIEGLMTTVHATTATQKTVDGPSHKDWR.G	39
PLOG+4763	proteomics_log	1861275	1861346	+	3	1028	K.VINDNFGIIEGLMTTVHATTATQK.T	28
PLOG+4764	proteomics_log	1861281	1861346	+	3	4	I.NDNFGIIEGLMTTVHATTATQK.T	26
PLOG+4765	proteomics_log	1861293	1861346	+	3	41	F.GIIEGLMTTVHATTATQK.T	22
PLOG+4766	proteomics_log	1861296	1861346	+	3	3	G.IIEGLMTTVHATTATQK.T	21
PLOG+4767	proteomics_log	1861299	1861346	+	3	26	I.IEGLMTTVHATTATQK.T	20
PLOG+4768	proteomics_log	1861305	1861346	+	3	4	E.GLMTTVHATTATQK.T	18
PLOG+4769	proteomics_log	1861347	1861433	+	3	3	K.TVDGPSHKDWRGGRGASQNIIPSSTGAAK.A	33
PLOG+4770	proteomics_log	1861347	1861379	+	3	47	K.TVDGPSHKDWR.G	15
PLOG+4771	proteomics_log	1861380	1861469	+	3	26	R.GRGASQNIIPSSTGAAKAVGKVLPELNGK.L	34
PLOG+4772	proteomics_log	1861380	1861445	+	3	154	R.GRGASQNIIPSSTGAAKAVGK.V	26
PLOG+4773	proteomics_log	1861380	1861433	+	3	179	R.GRGASQNIIPSSTGAAK.A	22
PLOG+4774	proteomics_log	1861389	1861445	+	3	178	R.GASQNIIPSSTGAAKAVGK.V	23
PLOG+4775	proteomics_log	1861389	1861433	+	3	331	R.GASQNIIPSSTGAAK.A	19
PLOG+4776	proteomics_log	1861434	1861487	+	3	2	K.AVGKVLPELNGKLTGMAFR	22
PLOG+4777	proteomics_log	1861434	1861532	+	3	27	K.AVGKVLPELNGKLTGM*AFRVPTPNVSVVDLTVR.L	38
PLOG+4778	proteomics_log	1861434	1861541	+	3	27	K.AVGKVLPELNGKLTGM*AFRVPTPNVSVVDLTVRLEK.A	41
PLOG+4779	proteomics_log	1861434	1861541	+	3	115	K.AVGKVLPELNGKLTGMAFRVPTPNVSVVDLTVRLEK.A	40
PLOG+4780	proteomics_log	1861434	1861490	+	3	140	K.AVGKVLPELNGKLTGMAFR.V	23

PLOG+4781	proteomics_log	1861434	1861469	+	3	225	K.AVGKVLPELNGK.L	16
PLOG+4782	proteomics_log	1861434	1861532	+	3	256	K.AVGKVLPELNGKLTGMAFRVPTPNVSVVDLTVR.L	37
PLOG+4783	proteomics_log	1861446	1861487	+	3	2	K.VLPELNGKLTGMAFR	18
PLOG+4784	proteomics_log	1861446	1861541	+	3	4	K.VLPELNGKLTGM*AFRVPTPNVSVVDLTVRLEK.A	37
PLOG+4785	proteomics_log	1861446	1861532	+	3	17	K.VLPELNGKLTGM*AFRVPTPNVSVVDLTVR.L	34
PLOG+4786	proteomics_log	1861446	1861490	+	3	100	K.VLPELNGKLTGMAFR.V	19
PLOG+4787	proteomics_log	1861446	1861532	+	3	120	K.VLPELNGKLTGMAFRVPTPNVSVVDLTVR.L	33
PLOG+4788	proteomics_log	1861446	1861541	+	3	262	K.VLPELNGKLTGMAFRVPTPNVSVVDLTVRLEK.A	36
PLOG+4789	proteomics_log	1861452	1861490	+	3	4	I.PELNGKLTGMAFR.V	17
PLOG+4790	proteomics_log	1861452	1861532	+	3	4	L.PELNGKLTGMAFRVPTPNVSVVDLTVR.L	31
PLOG+4791	proteomics_log	1861470	1861541	+	3	22	K.LTGM*AFRVPTPNVSVVDLTVRLEK.A	29
PLOG+4792	proteomics_log	1861470	1861532	+	3	36	K.LTGM*AFRVPTPNVSVVDLTVR.L	26
PLOG+4793	proteomics_log	1861470	1861541	+	3	226	K.LTGMAFRVPTPNVSVVDLTVRLEK.A	28
PLOG+4794	proteomics_log	1861470	1861532	+	3	377	K.LTGMAFRVPTPNVSVVDLTVR.L	25
PLOG+4795	proteomics_log	1861476	1861532	+	3	2	T.GMAFRVPTPNVSVVDLTVR.L	23
PLOG+4796	proteomics_log	1861485	1861532	+	3	2	A.FRVPTPNVSVVDLTVR.L	20
PLOG+4797	proteomics_log	1861485	1861541	+	3	5	A.FRVPTPNVSVVDLTVRLEK.A	23
PLOG+4798	proteomics_log	1861488	1861532	+	3	2	F.RVPTPNVSVVDLTVR.L	19
PLOG+4799	proteomics_log	1861491	1861541	+	3	224	R.VPTPNVSVVDLTVRLEK.A	21
PLOG+4800	proteomics_log	1861491	1861532	+	3	236	R.VPTPNVSVVDLTVR.L	18
PLOG+4801	proteomics_log	1861494	1861541	+	3	4	V.PTPNVSVVDLTVRLEK.A	20
PLOG+4802	proteomics_log	1861533	1861601	+	3	6	R.LEKAATYEQIKA AVKAAAEGEMK.G	27
PLOG+4803	proteomics_log	1861533	1861565	+	3	108	R.LEKAATYEQIK.A	15
PLOG+4804	proteomics_log	1861533	1861577	+	3	193	R.LEKAATYEQIKA AVK.A	19
PLOG+4805	proteomics_log	1861542	1861601	+	3	7	K.AATYEQIKA AVKAAAEGEM*K.G	25
PLOG+4806	proteomics_log	1861542	1861601	+	3	139	K.AATYEQIKA AVKAAAEGEMK.G	24
PLOG+4807	proteomics_log	1861542	1861577	+	3	224	K.AATYEQIKA AVK.A	16
PLOG+4808	proteomics_log	1861548	1861577	+	3	2	A.TYEQIKA AVK.A	14
PLOG+4809	proteomics_log	1861566	1861601	+	3	33	K.AAVKAAAEGEM*K.G	17
PLOG+4810	proteomics_log	1861566	1861601	+	3	70	K.AAVKAAAEGEMK.G	16
PLOG+4811	proteomics_log	1861578	1861658	+	3	2	K.AAAEGEM*KGVLGYTEDDVVSTDFNGEV.C	32
PLOG+4812	proteomics_log	1861578	1861682	+	3	8	K.AAAEGEMKGVLYTEDDVVSTDFNGEVCTSVFDAK.A	39
PLOG+4813	proteomics_log	1861578	1861601	+	3	13	K.AAAEGEMK.G	12
PLOG+4814	proteomics_log	1861602	1861658	+	3	2	K.GVLGYTEDDVVSTDFNGEV.C	23
PLOG+4815	proteomics_log	1861683	1861757	+	3	250	K.AGIALNDNFVKLVS WYDNETGYSNK.V	29
PLOG+4816	proteomics_log	1861683	1861787	+	3	284	K.AGIALNDNFVKLVS WYDNETGYSNKVLDLIAHISK.-	39
PLOG+4817	proteomics_log	1861683	1861715	+	3	419	K.AGIALNDNFVK.L	15
PLOG+4818	proteomics_log	1861716	1861757	+	3	299	K.LVSWYDNETGYSNK.V	18
PLOG+4819	proteomics_log	1861716	1861787	+	3	557	K.LVSWYDNETGYSNKVLDLIAHISK.-	28
PLOG+4820	proteomics_log	1861758	1861787	+	3	499	K.VLDLIAHISK.-	14
PLOG+4821	proteomics_log	1861874	1861933	+	2	3	V.M*IKKIFALPVIEQISPVLSR.R	25
PLOG+4822	proteomics_log	1861874	1861933	+	2	21	V.MIKKIFALPVIEQISPVLSR.R	24
PLOG+4823	proteomics_log	1861883	1861933	+	2	25	K.KIFALPVIEQISPVLSR.R	21
PLOG+4824	proteomics_log	1861886	1861927	+	2	4	K.IFALPVIEQISPVL.S	18
PLOG+4825	proteomics_log	1861886	1861933	+	2	251	K.IFALPVIEQISPVLSR.R	20
PLOG+4826	proteomics_log	1861934	1861984	+	2	142	R.RKLDLDELIVVDHPQVK.A	21

PLOG+4827	proteomics_log	1861937	1861984	+	2	83	R.KLDELDLIVVDHPQVK.A	20
PLOG+4828	proteomics_log	1861985	1862095	+	2	4	K.ASFALQGAHLLSWKPAGEEEVLWLSNNTPFKNGVAIR.G	41
PLOG+4829	proteomics_log	1861985	1862077	+	2	44	K.ASFALQGAHLLSWKPAGEEEVLWLSNNTPFK.N	35
PLOG+4830	proteomics_log	1862396	1862422	+	2	4	K.VSVSGLGDR.F	13
PLOG+4831	proteomics_log	1862396	1862500	+	2	8	K.VSVSGLGDRFIDKVNDAKENVLTGDIQTFFDRTDR.V	39
PLOG+4832	proteomics_log	1862711	1862743	+	2	7	K.EKPAHLAQSIR.V	15
PLOG+4833	proteomics_log	1864932	1864955	+	3	7	T.MNIFDHYR.Q	12
PLOG+4834	proteomics_log	1865028	1865054	+	3	3	R.SAYANAER.L	13
PLOG+4835	proteomics_log	1865055	1865108	+	3	4	R.LLM*AIGEPVM*VDTAQEPR.L	24
PLOG+4836	proteomics_log	1865055	1865108	+	3	27	R.LLMAIGEPVMVDTAQEPR.L	22
PLOG+4837	proteomics_log	1865145	1865237	+	3	5	R.YPAFEFYGMEDAIEQIVSYLKHAAGGLEEK.K	35
PLOG+4838	proteomics_log	1865145	1865210	+	3	23	R.YPAFEFYGMEDAIEQIVSYLK.H	26
PLOG+4839	proteomics_log	1865211	1865237	+	3	9	K.HAAQGLEEK.K	13
PLOG+4840	proteomics_log	1865304	1865354	+	3	6	K.SLMQLVPIYVLSANGER.S	21
PLOG+4841	proteomics_log	1865517	1865564	+	3	3	R.VVKVWPSILQQIAIAK.T	20
PLOG+4842	proteomics_log	1866048	1866083	+	3	32	R.LKEPENSSIYSK.M	16
PLOG+4843	proteomics_log	1866222	1866329	+	3	2	R.VFNFDHVEVAANPVHLFYVLEQQIEREQFPQEAER.Y	40
PLOG+4844	proteomics_log	1866222	1866299	+	3	19	R.VFNFDHVEVAANPVHLFYVLEQQIER.E	30
PLOG+4845	proteomics_log	1866693	1866743	+	3	11	K.MFSNTEELLPVISFNAK.T	21
PLOG+4846	proteomics_log	1871601	1871636	+	3	5	M.TEMAKGSVTHQR.L	16
PLOG+4847	proteomics_log	1871769	1871867	+	3	2	K.VKGNQVNHVLAADQQADLSQLASHIGGLR.A	37
PLOG+4848	proteomics_log	1875086	1875127	+	2	2	R.KAFHGEVVDYATFR.E	18
PLOG+4849	proteomics_log	1875194	1875226	+	2	2	K.KQPLTLLYSK.N	15
PLOG+4850	proteomics_log	1875227	1875271	+	2	8	K.NTTQNHALVLDWLR.S	19
PLOG+4851	proteomics_log	1887387	1887464	+	3	2	R.HDNNRCAAIKMLKLTRGIQRVNV.Y	30
PLOG+4852	proteomics_log	1891424	1891546	+	2	10	R.WSDVVIHNTLYTGVPENLDADAFEQTANTLAQIDAVLEK.Q	45
PLOG+4853	proteomics_log	1891562	1891666	+	2	8	K.SSILDATIFLADKNDFAAMNKAWDAWVVAGHAPVR.C	39
PLOG+4854	proteomics_log	1891589	1891666	+	2	2	F.LADKNDFAAMNKAWDAWVVAGHAPVR.C	30
PLOG+4855	proteomics_log	1892160	1892249	+	3	3	M.PAVIDKALDFIGAMDVSAPTSSMNESTAK.G	34
PLOG+4856	proteomics_log	1892178	1892249	+	3	2	K.ALDFIGAMDVSAPTSSMNESTAK.G	28
PLOG+4857	proteomics_log	1900237	1900308	+	1	18	K.LDTTKGVLFLVDTWGGSPFNAAASR.I	28
PLOG+4858	proteomics_log	1900252	1900308	+	1	23	K.GVLFVLDTWGGSPFNAAASR.I	23
PLOG+4859	proteomics_log	1900309	1900386	+	1	29	R.IVVDKEHYEVIAGVNIPMLVETLMAR.D	30
PLOG+4860	proteomics_log	1900387	1900440	+	1	18	R.DDDPSFDELVALAVETGR.E	22
PLOG+4861	proteomics_log	1900453	1900479	+	1	4	K.ALKAKPVEK.A	13
PLOG+4862	proteomics_log	1900462	1900512	+	1	9	K.AKPVEKAAPAPAAAAPK.A	21
PLOG+4863	proteomics_log	1900480	1900512	+	1	13	K.AAPAPAAAAPK.A	15
PLOG+4864	proteomics_log	1900513	1900575	+	1	103	K.AAPTAKPMGPNDYMVIGLAR.I	25
PLOG+4865	proteomics_log	1900576	1900614	+	1	4	R.IDDRLIHGQVATR.W	17
PLOG+4866	proteomics_log	1900588	1900641	+	1	11	R.LIHGQVATRWTKETNVS.R.I	22
PLOG+4867	proteomics_log	1900588	1900614	+	1	29	R.LIHGQVATR.W	13
PLOG+4868	proteomics_log	1900615	1900641	+	1	55	R.WTKETNVS.R.I	13
PLOG+4869	proteomics_log	1900642	1900683	+	1	31	R.IIVVSDEVAADTVR.K	18
PLOG+4870	proteomics_log	1900642	1900746	+	1	49	R.IIVVSDEVAADTVRKTLLTQVAPPGVTAHVVDVAK.M	39
PLOG+4871	proteomics_log	1900642	1900686	+	1	129	R.IIVVSDEVAADTVRK.T	19
PLOG+4872	proteomics_log	1900684	1900746	+	1	86	R.KTLLTQVAPPGVTAHVVDVAK.M	25

PLOG+4873	proteomics_log	1900687	1900746	+	1	152	K.TLLTQVAPPVTAHVVDVAK.M	24
PLOG+4874	proteomics_log	1900756	1900788	+	1	83	R.VYNNPKYAGER.V	15
PLOG+4875	proteomics_log	1900789	1900827	+	1	6	R.VM*LLFTNPTDVER.L	18
PLOG+4876	proteomics_log	1900789	1900848	+	1	19	R.VMLLFTNPTDVERLVEGGVK.I	24
PLOG+4877	proteomics_log	1900789	1900884	+	1	44	R.VMLLFTNPTDVERLVEGGVKITSVNVGGMAFR.Q	36
PLOG+4878	proteomics_log	1900789	1900827	+	1	146	R.VMLLFTNPTDVER.L	17
PLOG+4879	proteomics_log	1900849	1900884	+	1	4	K.ITSVNVGGM*AFR.Q	17
PLOG+4880	proteomics_log	1900849	1900884	+	1	66	K.ITSVNVGGMAFR.Q	16
PLOG+4881	proteomics_log	1900885	1900962	+	1	3	R.QGKTQVNNAVSVDEKDIEAFKKLNR.G	30
PLOG+4882	proteomics_log	1900894	1900962	+	1	68	K.TQVNNAVSVDEKDIEAFKKLNR.G	27
PLOG+4883	proteomics_log	1900984	1901040	+	1	3	R.KVSTDPKMKMDLISKIDK.-	23
PLOG+4884	proteomics_log	1900984	1901010	+	1	15	R.KVSTDPKMK.M	13
PLOG+4885	proteomics_log	1901005	1901040	+	1	8	K.LKMMDLISKIDK.-	16
PLOG+4886	proteomics_log	1901011	1901031	+	1	2	K.MMDLISK.I	11
PLOG+4887	proteomics_log	1901011	1901031	+	1	2	K.MM*DLISK.I	12
PLOG+4888	proteomics_log	1901011	1901040	+	1	74	K.MMDLISKIDK.-	14
PLOG+4889	proteomics_log	1901991	1902026	+	3	30	R.SNLFQGSWNFER.M	16
PLOG+4890	proteomics_log	1902120	1902197	+	3	25	R.HLEFFNTQPFVAAPILGVTLALEEQR.A	30
PLOG+4891	proteomics_log	1914714	1914755	+	3	2	R.LGMNLRPVLLMLER.L	18
PLOG+4892	proteomics_log	1919822	1919878	+	2	6	R.IGAFEIDDGELHGESPGR.T	23
PLOG+4893	proteomics_log	1919837	1919878	+	2	7	E.IDDGELHGESPGR.T	18
PLOG+4894	proteomics_log	1923780	1923836	+	3	2	R.LGSTIRVM*VHVWAVVPEPS.R	24
PLOG+4895	proteomics_log	1926340	1926396	+	1	10	L.GSTLSSSSGYQLPVSRLRK.R	23
PLOG+4896	proteomics_log	1928908	1928946	+	1	2	M.TLLGTALRPAATR.V	17
PLOG+4897	proteomics_log	1929004	1929069	+	1	22	R.LGVEVIAVDYADAPAMHVAHR.S	26
PLOG+4898	proteomics_log	1929004	1929033	+	1	42	R.LGVEVIAVDR.Y	14
PLOG+4899	proteomics_log	1929034	1929069	+	1	2	R.YADAPAM*HVAHR.S	17
PLOG+4900	proteomics_log	1929034	1929069	+	1	52	R.YADAPAMHVAHR.S	16
PLOG+4901	proteomics_log	1929070	1929108	+	1	2	R.SHVINM*LDGDALR.R	18
PLOG+4902	proteomics_log	1929070	1929111	+	1	28	R.SHVINMLDGDALRR.V	18
PLOG+4903	proteomics_log	1929070	1929108	+	1	101	R.SHVINMLDGDALR.R	17
PLOG+4904	proteomics_log	1929109	1929222	+	1	5	R.RVVELEKPHYIVPEIEAIATDMLIQLEEEGLNVVPCAR.A	42
PLOG+4905	proteomics_log	1929112	1929222	+	1	5	R.VVELEKPHYIVPEIEAIATDMLIQLEEEGLNVVPCAR.A	41
PLOG+4906	proteomics_log	1929259	1929303	+	1	24	R.RLAAEELQLPTSTYR.F	19
PLOG+4907	proteomics_log	1929262	1929303	+	1	141	R.LAAEELQLPTSTYR.F	18
PLOG+4908	proteomics_log	1929304	1929330	+	1	46	R.FADSESLFR.E	13
PLOG+4909	proteomics_log	1929355	1929393	+	1	5	Y.PCIVKPVMSSSGK.G	17
PLOG+4910	proteomics_log	1929412	1929462	+	1	5	R.SAEQLAQAWKYAQQGGR.A	21
PLOG+4911	proteomics_log	1929820	1929852	+	1	3	R.AFLGLPVGGIR.Q	15
PLOG+4912	proteomics_log	1929853	1929957	+	1	3	R.QYGPAAAVILPQLTSQNVTFDNVQNAVADLQIR.L	39
PLOG+4913	proteomics_log	1929991	1930080	+	1	2	R.RLGVALATAESVVDIAIERAKHAAGQVKVQG.-	34
PLOG+4914	proteomics_log	1929991	1930050	+	1	4	R.RLGVALATAESVVDIAIERAK.H	24
PLOG+4915	proteomics_log	1929991	1930044	+	1	58	R.RLGVALATAESVVDIAIER.A	22
PLOG+4916	proteomics_log	1929994	1930050	+	1	9	R.LGVALATAESVVDIAIERAK.H	23
PLOG+4917	proteomics_log	1929994	1930071	+	1	20	R.LGVALATAESVVDIAIERAKHAAGQVK.V	30
PLOG+4918	proteomics_log	1929994	1930080	+	1	73	R.LGVALATAESVVDIAIERAKHAAGQVKVQG.-	33

PLOG+4919	proteomics_log	1929994	1930044	+	1	229	R.LGVALATAESVVDAIER.A	21
PLOG+4920	proteomics_log	1930045	1930080	+	1	12	R.AKHAAGQVKVQG.-	16
PLOG+4921	proteomics_log	1930051	1930080	+	1	11	K.HAAGQVKVQG.-	14
PLOG+4922	proteomics_log	1934925	1935005	+	3	4	R.NVNEDDSVESYTGKIFESAMATLDHVR.H	31
PLOG+4923	proteomics_log	1935327	1935395	+	3	3	R.EATLAILDVPEDTDIYM*PM*VSR.L	29
PLOG+4924	proteomics_log	1935480	1935506	+	3	5	R.VKEALKESR.F	13
PLOG+4925	proteomics_log	1935694	1935750	+	1	10	R.TKIVTTLGPATDRDNNLEK.V	23
PLOG+4926	proteomics_log	1935694	1935780	+	1	83	R.TKIVTTLGPATDRDNNLEKVIAAGANVVR.M	33
PLOG+4927	proteomics_log	1935700	1935750	+	1	10	K.IVTTLGPATDRDNNLEK.V	21
PLOG+4928	proteomics_log	1935700	1935780	+	1	177	K.IVTTLGPATDRDNNLEKVIAAGANVVR.M	31
PLOG+4929	proteomics_log	1935751	1935780	+	1	64	K.VIAAGANVVR.M	14
PLOG+4930	proteomics_log	1935781	1935822	+	1	7	R.M*NFSHGSPEDHKM*R.A	20
PLOG+4931	proteomics_log	1935781	1935816	+	1	24	R.MNFSHGSPEDHK.M	16
PLOG+4932	proteomics_log	1935823	1935861	+	1	2	R.ADKVREIAAKLGR.H	17
PLOG+4933	proteomics_log	1935853	1935903	+	1	14	K.LGRHVAILGDLQGPKIR.V	21
PLOG+4934	proteomics_log	1935853	1935897	+	1	15	K.LGRHVAILGDLQGPK.I	19
PLOG+4935	proteomics_log	1935862	1935888	+	1	2	R.HVAILGDLQ.G	13
PLOG+4936	proteomics_log	1935862	1935897	+	1	112	R.HVAILGDLQGPK.I	16
PLOG+4937	proteomics_log	1935862	1935903	+	1	180	R.HVAILGDLQGPKIR.V	18
PLOG+4938	proteomics_log	1935923	1935994	+	2	2	K.AKFSSILGINSCSTPTWVKVATK.K	28
PLOG+4939	proteomics_log	1935928	1935999	+	1	3	K.VFLNIGDKFLLDANLKGEGDKEK.V	28
PLOG+4940	proteomics_log	1936000	1936083	+	1	14	K.VGIDYKGLPADVVPGDILLDDGRVQLK.V	32
PLOG+4941	proteomics_log	1936084	1936107	+	1	3	K.VLEVQGMK.V	12
PLOG+4942	proteomics_log	1936222	1936269	+	1	12	K.TAALIGVDYLAVSFPR.C	20
PLOG+4943	proteomics_log	1936309	1936350	+	1	2	R.DAGCDAKIVAKVER.A	18
PLOG+4944	proteomics_log	1936309	1936341	+	1	5	R.DAGCDAKIVAK.V	15
PLOG+4945	proteomics_log	1936351	1936422	+	1	5	R.AEAVCSQDAMDDIILASDVVMVAR.G	28
PLOG+4946	proteomics_log	1936423	1936473	+	1	218	R.GDLGVEIGDPELVGIQK.A	21
PLOG+4947	proteomics_log	1936507	1936566	+	1	24	R.AVITATQMMESMITNMPTR.A	24
PLOG+4948	proteomics_log	1936567	1936680	+	1	4	R.AEVM*DVANAVLDGTDAVM*LSAETAAGQYPSETVAAMAR.V	44
PLOG+4949	proteomics_log	1936567	1936680	+	1	4	R.AEVM*DVANAVLDGTDAVM*LSAETAAGQYPSETVAAM*AR.V	44
PLOG+4950	proteomics_log	1936567	1936680	+	1	5	R.AEVM*DVANAVLDGTDAVMLSAETAAGQYPSETVAAM*AR.V	44
PLOG+4951	proteomics_log	1936567	1936680	+	1	6	R.AEVM*DVANAVLDGTDAVMLSAETAAGQYPSETVAAMAR.V	43
PLOG+4952	proteomics_log	1936567	1936680	+	1	7	R.AEVM*DVANAVLDGTDAVMLSAETAAGQYPSETVAAM*AR.V	43
PLOG+4953	proteomics_log	1936567	1936680	+	1	4	R.AEVM*DVANAVLDGTDAVM*LSAETAAGQYPSETVAAM*AR.V	45
PLOG+4954	proteomics_log	1936567	1936680	+	1	42	R.AEVM*DVANAVLDGTDAVMLSAETAAGQYPSETVAAMAR.V	42
PLOG+4955	proteomics_log	1936681	1936731	+	1	8	R.VCLGAEKIPINVSKHR.L	21
PLOG+4956	proteomics_log	1936726	1936803	+	1	5	K.HRLDVQFDNVEEAIAM*YAAANHLK.G	32
PLOG+4957	proteomics_log	1936726	1936803	+	1	68	K.HRLDVQFDNVEEAIAMSAMYAANHLK.G	30
PLOG+4958	proteomics_log	1936732	1936803	+	1	2	R.LDVQFDNVEEAIAM*YAAANHLK.G	30
PLOG+4959	proteomics_log	1936732	1936842	+	1	18	R.LDVQFDNVEEAIAMSAMYAANHLKGVTAIITMTESGR.T	41
PLOG+4960	proteomics_log	1936732	1936803	+	1	20	R.LDVQFDNVEEAIAMSAMYAANHLK.G	28
PLOG+4961	proteomics_log	1936774	1936863	+	1	2	M.SAM*YAAANHLKGVTAIITMTESGR.TALM*TSR.I	36
PLOG+4962	proteomics_log	1936804	1936842	+	1	11	K.GVTAIITMTESGR.T	17
PLOG+4963	proteomics_log	1936864	1936899	+	1	145	R.ISSGLPIFAMSR.H	16
PLOG+4964	proteomics_log	1936909	1937010	+	1	11	R.TLNLTALYRGVTPVHFDSANDGVAAASEAVNLLR.D	38

PLOG+4965	proteomics_log	1936909	1936935	+	1	145	R.TLNLTALYR.G	13
PLOG+4966	proteomics_log	1936936	1937010	+	1	24	R.GVTPVHFDSANDGVAAASEAVNLLR.D	29
PLOG+4967	proteomics_log	1940890	1940949	+	1	8	R.IGYVPQKLYLDTTLPLTVNR.F	24
PLOG+4968	proteomics_log	1940911	1940949	+	1	3	K.LYLDTTPLPLTVNR.F	17
PLOG+4969	proteomics_log	1940959	1941006	+	1	7	R.LRPGTHKEDILPALKR.V	20
PLOG+4970	proteomics_log	1941085	1941189	+	1	2	R.ALLNRPQLLVLDEPTQGVVDVNGQVALYDLIDQLRR.E	39
PLOG+4971	proteomics_log	1941438	1941527	+	3	3	L.M*IELLFPGWLAGIM*LACAAGPLGSFVVWRR.M	36
PLOG+4972	proteomics_log	1948877	1948963	+	2	6	K.TTALVVIDLQEGILPFAGGPHTADEVVNR.A	33
PLOG+4973	proteomics_log	1948991	1949020	+	2	3	R.ASGQPVFLVR.V	14
PLOG+4974	proteomics_log	1949021	1949086	+	2	2	R.VGWSADYAEALKQPVDAPSPAK.V	26
PLOG+4975	proteomics_log	1949393	1949419	+	2	8	R.SVEEILNAL.-	13
PLOG+4976	proteomics_log	1950404	1950424	+	2	3	S.ELQSAIR.I	11
PLOG+4977	proteomics_log	1950828	1950881	+	3	12	R.SVPGYSNIISMIGMLAER.F	22
PLOG+4978	proteomics_log	1950978	1951016	+	3	4	K.IIAIDNSPAMIER.C	17
PLOG+4979	proteomics_log	1958254	1958307	+	1	8	R.QLAEQVLTHLDLNGIASK.V	22
PLOG+4980	proteomics_log	1958308	1958397	+	1	39	K.VEIAGPGFINIFLDPAFLAEHVQQALASDR.L	34
PLOG+4981	proteomics_log	1958488	1958550	+	1	2	R.STIIGDAAVRTLEFLGHKVir.A	25
PLOG+4982	proteomics_log	1958518	1958550	+	1	6	R.TLEFLGHKVir.A	15
PLOG+4983	proteomics_log	1958842	1958904	+	1	5	R.DDVM*GESLYNPM*LPGIVADLK.A	27
PLOG+4984	proteomics_log	1959235	1959285	+	1	7	R.AGGTVKLADLLDEALER.A	21
PLOG+4985	proteomics_log	1959253	1959285	+	1	19	K.LADLLDEALER.A	15
PLOG+4986	proteomics_log	1959292	1959375	+	1	14	R.RLVAEKNPDPADALEKLANAVGIGAVK.Y	32
PLOG+4987	proteomics_log	1959295	1959375	+	1	5	R.LVAEKNPDPADALEKLANAVGIGAVK.Y	31
PLOG+4988	proteomics_log	1959766	1959813	+	1	2	K.TLKLGLDTLGIETVER.M	20
PLOG+4989	proteomics_log	1959766	1959816	+	1	12	K.TLKLGLDTLGIETVERM.-	21
PLOG+4990	proteomics_log	1959775	1959813	+	1	6	K.LGLDTLGIETVER.M	17
PLOG+4991	proteomics_log	1959775	1959816	+	1	8	K.LGLDTLGIETVERM.-	18
PLOG+4992	proteomics_log	1962988	1963029	+	1	3	Q.QDQNRSGKDLPLCR.F	18
PLOG+4993	proteomics_log	1963229	1963258	+	2	2	L.LTNLRMSIQR.S	14
PLOG+4994	proteomics_log	1968304	1968393	+	1	2	R.TRQITRSNAVKMATDNGQWLNHLARPPQR.T	34
PLOG+4995	proteomics_log	1972898	1972954	+	2	2	H.LAVHFWQPHLIGSLRMAFR.L	23
PLOG+4996	proteomics_log	1982177	1982257	+	2	3	C.VPPNMPFINSRLRPAPTRPNSPTISPLR.T	31
PLOG+4997	proteomics_log	1986872	1986907	+	2	5	R.RHAQEEMTHMQR.L	16
PLOG+4998	proteomics_log	1986875	1986907	+	2	23	R.HAQEEMTHMQR.L	15
PLOG+4999	proteomics_log	1986908	1986946	+	2	58	R.LFDYLTDTGNLPR.I	17
PLOG+5000	proteomics_log	1986947	1987039	+	2	10	R.INTVESPPFAEYSSLDELQFQETKHEQLITQK.I	35
PLOG+5001	proteomics_log	1987145	1987177	+	2	17	K.SIIDKLSLAGK.S	15
PLOG+5002	proteomics_log	1987145	1987234	+	2	25	K.SIIDKLSLAGKSGEGLYFIDKELSTLDTQN.-	34
PLOG+5003	proteomics_log	1987178	1987234	+	2	68	K.SGEGLYFIDKELSTLDTQN.-	23
PLOG+5004	proteomics_log	1993911	1993973	+	3	2	K.AMLTLMQAMGQADAGRVMK.M	25
PLOG+5005	proteomics_log	1993911	1993961	+	3	14	K.AMLTLMQAMGQADAGR.V	21
PLOG+5006	proteomics_log	1993983	1994030	+	3	10	K.QLALIEDETQAAVFSK.T	20
PLOG+5007	proteomics_log	1994031	1994063	+	3	2	K.TVKQIKQAYRQ.-	15
PLOG+5008	proteomics_log	1998894	1998935	+	3	3	S.RREISILFTILPSR.T	18
PLOG+5009	proteomics_log	2004999	2005115	+	3	2	K.LQTYIDQVEGKTMFLDAPLQMKFHEASRM*GRDYDMTQIF.T	44
PLOG+5010	proteomics_log	2007503	2007529	+	2	2	R.MKNIVPDYR.L	13

PLOG+5011	proteomics_log	2007668	2007718	+	2	59	R.NHGYTVLDIQDGPTR.Y	21
PLOG+5012	proteomics_log	2011670	2011705	+	2	2	R.TIETIGPVKGR.V	16
PLOG+5013	proteomics_log	2013171	2013206	+	3	3	R.AASLLEDILETR.D	16
PLOG+5014	proteomics_log	2014156	2014182	+	1	2	K.SQQAPIHAR.M	13
PLOG+5015	proteomics_log	2014183	2014248	+	1	2	R.MQQLVSEFQTTLDALDSVIASR.L	26
PLOG+5016	proteomics_log	2015184	2015219	+	3	3	D.VIVVGLIGRGR.E	16
PLOG+5017	proteomics_log	2017756	2017788	+	1	10	H.QVAADDKAQQR.V	15
PLOG+5018	proteomics_log	2019208	2019321	+	1	7	K.SAAETVFQQFGGGDVSGLTQDIDLIMDIPVKLTVELGR.T	42
PLOG+5019	proteomics_log	2019475	2019504	+	1	3	R.ITDIITPSEK.M	14
PLOG+5020	proteomics_log	2022457	2022492	+	1	3	T.IQISDQM*NIKAK.T	17
PLOG+5021	proteomics_log	2032138	2032185	+	1	5	A.AEVYNKDGKLDLYGK.V	20
PLOG+5022	proteomics_log	2032138	2032185	+	1	5	A.AEVYNKDGKLDLYGK.V	20
PLOG+5023	proteomics_log	2032138	2032185	+	1	5	A.AEVYNKDGKLDLYGK.V	20
PLOG+5024	proteomics_log	2032138	2032185	+	1	5	A.AEVYNKDGKLDLYGK.V	20
PLOG+5025	proteomics_log	2034009	2034035	+	3	13	K.ILVIAADER.Y	13
PLOG+5026	proteomics_log	2034060	2034167	+	3	7	K.LFSTGNHPIETLLPLYHLHAAGFEFEVATISGLMTK.F	40
PLOG+5027	proteomics_log	2034570	2034608	+	3	16	K.MGMNIINDDITGR.V	17
PLOG+5028	proteomics_log	2034615	2034671	+	3	3	H.KDRKLLTGDSPPFAANALGK.L	23
PLOG+5029	proteomics_log	2034624	2034671	+	3	16	R.KLLTGDSPPFAANALGK.L	20
PLOG+5030	proteomics_log	2034627	2034671	+	3	9	K.LLTGDSPPFAANALGK.L	19
PLOG+5031	proteomics_log	2039468	2039557	+	2	3	S.HGHHSHGKPLTEVEQKAANGVFDDANVQNR.T	34
PLOG+5032	proteomics_log	2039468	2039515	+	2	36	S.HGHHSHGKPLTEVEQK.A	20
PLOG+5033	proteomics_log	2039516	2039557	+	2	257	K.AANGVFDDANVQNR.T	18
PLOG+5034	proteomics_log	2039558	2039617	+	2	50	R.TLSDWDGVWQSVYPLLQSGK.L	24
PLOG+5035	proteomics_log	2039558	2039641	+	2	79	R.TLSDWDGVWQSVYPLLQSGKLDPVFQK.A	32
PLOG+5036	proteomics_log	2039558	2039638	+	2	213	R.TLSDWDGVWQSVYPLLQSGKLDPVFQK.K	31
PLOG+5037	proteomics_log	2039582	2039638	+	2	3	V.WQSVYPLLQSGKLDPVFQK.K	23
PLOG+5038	proteomics_log	2039639	2039695	+	2	5	K.KADADKTKTFAEIKDYH.K	23
PLOG+5039	proteomics_log	2039642	2039695	+	2	3	K.ADADKTKTFAEIKDYH.K	22
PLOG+5040	proteomics_log	2039663	2039755	+	2	3	K.TFAEIKDYH.KGYATDIEMIGIEDGIVEFHR.N	35
PLOG+5041	proteomics_log	2039663	2039695	+	2	34	K.TFAEIKDYH.K	15
PLOG+5042	proteomics_log	2039696	2039755	+	2	9	K.GYATDIEMIGIEDGIVEFHR.N	24
PLOG+5043	proteomics_log	2039696	2039755	+	2	9	K.GYATDIEM*IGIEDGIVEFHR.N	25
PLOG+5044	proteomics_log	2039780	2039815	+	2	11	K.YDYDGYKILTYK.S	16
PLOG+5045	proteomics_log	2039801	2039836	+	2	5	K.ILTYKSGKKGVR.Y	16
PLOG+5046	proteomics_log	2039861	2039914	+	2	11	P.ESKAPKYIQFSDHIIAPR.K	22
PLOG+5047	proteomics_log	2039870	2039914	+	2	27	K.APKYIQFSDHIIAPR.K	19
PLOG+5048	proteomics_log	2039879	2039917	+	2	5	K.YIQFSDHIIAPR.S	17
PLOG+5049	proteomics_log	2039879	2039914	+	2	199	K.YIQFSDHIIAPR.K	16
PLOG+5050	proteomics_log	2051667	2051723	+	3	5	I.MDSTLISTRPDEGTLSLSR.A	23
PLOG+5051	proteomics_log	2053085	2053171	+	2	14	H.MNNKGSGLTPAQALDKLDALYEQSVVALR.N	33
PLOG+5052	proteomics_log	2053097	2053171	+	2	9	K.GSGLTPAQALDKLDALYEQSVVALR.N	29
PLOG+5053	proteomics_log	2054885	2054914	+	2	3	V.GRKWANIVAK.K	14
PLOG+5054	proteomics_log	2054915	2054956	+	2	34	K.KTAKDGATSKIYAK.F	18
PLOG+5055	proteomics_log	2054918	2054956	+	2	2	K.TAKDGATSKIYAK.F	17
PLOG+5056	proteomics_log	2054927	2054956	+	2	36	K.DGATSKIYAK.F	14

PLOG+5057	proteomics_log	2054957	2054986	+	2	7	K.FGVEIYAAAK.Q	14
PLOG+5058	proteomics_log	2054987	2055025	+	2	11	K.QGEPDPELNTSLK.F	17
PLOG+5059	proteomics_log	2055065	2055091	+	2	2	K.HVIDKAIDK.A	13
PLOG+5060	proteomics_log	2055065	2055130	+	2	2	K.HVIDKAIDKAKGGGDETFVQGR.Y	26
PLOG+5061	proteomics_log	2055065	2055097	+	2	8	K.HVIDKAIDKAK.G	15
PLOG+5062	proteomics_log	2055080	2055130	+	2	2	K.AIDKAKGGGDETFVQGR.Y	21
PLOG+5063	proteomics_log	2055092	2055130	+	2	3	K.AKGGGDETFVQGR.Y	17
PLOG+5064	proteomics_log	2055098	2055130	+	2	17	K.GGGDETFVQGR.Y	15
PLOG+5065	proteomics_log	2055131	2055196	+	2	3	R.YEGFGPNGSM*IIAETLTSNVNR.T	27
PLOG+5066	proteomics_log	2055131	2055214	+	2	10	R.YEGFGPNGSMIIAETLTSNVNRTIANVR.T	32
PLOG+5067	proteomics_log	2055131	2055196	+	2	122	R.YEGFGPNGSMIIAETLTSNVNR.T	26
PLOG+5068	proteomics_log	2069929	2069997	+	1	4	R.VNPGGSVSDTVISAGGGQSLQGR.A	27
PLOG+5069	proteomics_log	2070400	2070444	+	1	3	K.NGGVAGNTTVNQKGR.L	19
PLOG+5070	proteomics_log	2070400	2070438	+	1	18	K.NGGVAGNTTVNQK.G	17
PLOG+5071	proteomics_log	2070490	2070543	+	1	3	K.QGGALVTSTAATVTGINR.L	22
PLOG+5072	proteomics_log	2070544	2070573	+	1	3	R.LGAFSVVEGK.A	14
PLOG+5073	proteomics_log	2070646	2070675	+	1	3	R.VDDGGTLDVR.N	14
PLOG+5074	proteomics_log	2071756	2071797	+	1	8	R.SHQTGVNGENNSVR.L	18
PLOG+5075	proteomics_log	2072005	2072106	+	1	3	R.AGTVRDDAGSLGGYLNLVHTSSGLWADIVAQGR.H	38
PLOG+5076	proteomics_log	2072600	2072644	+	2	2	A.FRPVMTASAAAALK.G	19
PLOG+5077	proteomics_log	2088327	2088371	+	3	14	Q.RLIAMAENMPIDILR.V	19
PLOG+5078	proteomics_log	2088330	2088371	+	3	4	R.LIAMAENM*PIDILR.V	19
PLOG+5079	proteomics_log	2088330	2088371	+	3	4	R.LIAM*AENM*PIDILR.V	20
PLOG+5080	proteomics_log	2088330	2088371	+	3	12	R.LIAM*AENMPIDILR.V	19
PLOG+5081	proteomics_log	2088330	2088371	+	3	187	R.LIAMAENMPIDILR.V	18
PLOG+5082	proteomics_log	2088366	2088470	+	3	2	I.LRVRDDIPGLVMDGVVDLGIIGENVLEEELNRR.A	39
PLOG+5083	proteomics_log	2088372	2088467	+	3	20	R.VRDDDIPGLVM*DGVVDLGIIGENVLEEELNRR.R	37
PLOG+5084	proteomics_log	2088372	2088470	+	3	49	R.VRDDDIPGLVM*DGVVDLGIIGENVLEEELNRR.A	38
PLOG+5085	proteomics_log	2088372	2088467	+	3	212	R.VRDDDIPGLVMDGVVDLGIIGENVLEEELNRR.R	36
PLOG+5086	proteomics_log	2088372	2088470	+	3	247	R.VRDDDIPGLVMDGVVDLGIIGENVLEEELNRR.A	37
PLOG+5087	proteomics_log	2088531	2088593	+	3	8	R.LSLATPVDEAWDGPLSLNGK.R	25
PLOG+5088	proteomics_log	2088531	2088590	+	3	56	R.LSLATPVDEAWDGPLSLNGK.R	24
PLOG+5089	proteomics_log	2088594	2088626	+	3	70	R.IATSYPHLLKR.Y	15
PLOG+5090	proteomics_log	2088696	2088785	+	3	5	R.AGLADAICDLVSTGATLEANGLREVEVIYR.S	34
PLOG+5091	proteomics_log	2088810	2088851	+	3	5	R.DGEMEESKQQLIDK.L	18
PLOG+5092	proteomics_log	2088810	2088863	+	3	82	R.DGEMEESKQQLIDKLLTR.I	22
PLOG+5093	proteomics_log	2088864	2088887	+	3	3	R.IQGVIQAR.E	12
PLOG+5094	proteomics_log	2088888	2089001	+	3	2	R.ESKYIMMHEADERLDEVIALLPGAERPTILPLAGDQQR.V	42
PLOG+5095	proteomics_log	2088897	2088926	+	3	2	K.YIMMHEADER.L	14
PLOG+5096	proteomics_log	2088897	2089001	+	3	37	K.YIMMHEADERLDEVIALLPGAERPTILPLAGDQQR.V	39
PLOG+5097	proteomics_log	2088927	2089001	+	3	153	R.LDEVIALLPGAERPTILPLAGDQQR.V	29
PLOG+5098	proteomics_log	2089002	2089112	+	3	17	R.VAMHMVSSETLFWETMEKLLKALGASSILVLPKMMME.-	41
PLOG+5099	proteomics_log	2089002	2089103	+	3	37	R.VAMHMVSSETLFWETMEKLLKALGASSILVLPK.M	38
PLOG+5100	proteomics_log	2089002	2089061	+	3	104	R.VAMHMVSSETLFWETMEKLLK.A	24
PLOG+5101	proteomics_log	2089056	2089103	+	3	57	K.LKALGASSILVLPK.M	20
PLOG+5102	proteomics_log	2089062	2089112	+	3	2	K.ALGASSILVLPKMMME.-	21

PLOG+5103	proteomics_log	2089062	2089103	+	3	189	K.ALGASSILVLPK.M	18
PLOG+5104	proteomics_log	2089175	2089222	+	2	77	R.QLLMRPAISASESITR.T	20
PLOG+5105	proteomics_log	2089223	2089258	+	2	4	R.TVNDILDNVKAR.G	16
PLOG+5106	proteomics_log	2089223	2089357	+	2	5	R.TVNDILDNVKARGDEALREYSAKFDKTTVTALKVSAEEIAAASER.L	49
PLOG+5107	proteomics_log	2089223	2089252	+	2	19	R.TVNDILDNVK.A	14
PLOG+5108	proteomics_log	2089259	2089291	+	2	3	R.GDEALREYSAK.F	15
PLOG+5109	proteomics_log	2089292	2089357	+	2	10	K.FDKTTVTALKVSAEEIAAASER.L	26
PLOG+5110	proteomics_log	2089322	2089357	+	2	7	K.VSAEEIAAASER.L	16
PLOG+5111	proteomics_log	2089358	2089399	+	2	4	R.LSDELKQAM*AVAVK.N	19
PLOG+5112	proteomics_log	2089358	2089399	+	2	24	R.LSDELKQAMAVAVK.N	18
PLOG+5113	proteomics_log	2089400	2089429	+	2	3	K.NIETFHTAQK.L	14
PLOG+5114	proteomics_log	2089400	2089468	+	2	32	K.NIETFHTAQKLPVDVETQPGVR.C	27
PLOG+5115	proteomics_log	2089958	2090017	+	2	2	R.RVAEAVERQLAELPRAETAR.Q	24
PLOG+5116	proteomics_log	2089958	2089981	+	2	102	R.RVAEAVER.Q	12
PLOG+5117	proteomics_log	2089982	2090017	+	2	3	R.QLAELPRAETAR.Q	16
PLOG+5118	proteomics_log	2090039	2090119	+	2	10	R.LIVTKDLAQVEISNQYGPEHLIQTR.N	31
PLOG+5119	proteomics_log	2090285	2090365	+	2	8	K.RM*TVQELSKEGFSALASTIETLAAAER.L	32
PLOG+5120	proteomics_log	2090285	2090365	+	2	91	K.RMTVQELSKEGFSALASTIETLAAAER.L	31
PLOG+5121	proteomics_log	2090288	2090398	+	2	2	R.M*TVQELSKEGFSALASTIETLAAAERLTAHKNAVTLR.V	42
PLOG+5122	proteomics_log	2090288	2090311	+	2	2	R.MTVQELSK.E	12
PLOG+5123	proteomics_log	2090288	2090380	+	2	5	R.MTVQELSKEGFSALASTIETLAAAERLTAHK.N	35
PLOG+5124	proteomics_log	2090288	2090398	+	2	6	R.MTVQELSKEGFSALASTIETLAAAERLTAHKNAVTLR.V	41
PLOG+5125	proteomics_log	2090288	2090365	+	2	26	R.M*TVQELSKEGFSALASTIETLAAAER.L	31
PLOG+5126	proteomics_log	2090288	2090365	+	2	137	R.MTVQELSKEGFSALASTIETLAAAER.L	30
PLOG+5127	proteomics_log	2090312	2090365	+	2	188	K.EGFSALASTIETLAAAER.L	22
PLOG+5128	proteomics_log	2090366	2090422	+	2	18	R.LTAHKNAVTLRVNALKEQA.-	23
PLOG+5129	proteomics_log	2090366	2090398	+	2	25	R.LTAHKNAVTLR.V	15
PLOG+5130	proteomics_log	2090381	2090422	+	2	2	K.NAVTLRVNALKEQA.-	18
PLOG+5131	proteomics_log	2090399	2090422	+	2	3	R.VNALKEQA.-	12
PLOG+5132	proteomics_log	2090425	2090454	+	1	12	M.STVTITDLAR.E	14
PLOG+5133	proteomics_log	2090605	2090667	+	1	17	K.AVIENYAQYAGVKPEQVLVSR.G	25
PLOG+5134	proteomics_log	2090668	2090700	+	1	138	R.GADEGIELLIR.A	15
PLOG+5135	proteomics_log	2090797	2090868	+	1	2	R.TVPTLDNWQLDLQGISDKLDGVKV.V	28
PLOG+5136	proteomics_log	2091136	2091219	+	1	32	K.VIAPYPLSTPVADIAAQALSPQGIVAMR.E	32
PLOG+5137	proteomics_log	2091331	2091357	+	1	2	R.FKASSAVFK.S	13
PLOG+5138	proteomics_log	2091427	2091459	+	1	5	R.ITVGTREESQR.V	15
PLOG+5139	proteomics_log	2091460	2091489	+	1	5	R.VIDALRAEQV.-	14
PLOG+5140	proteomics_log	2091522	2091569	+	3	2	R.DGTLISEPPSDFQVDR.F	20
PLOG+5141	proteomics_log	2091831	2091884	+	3	2	R.YLAEQAMDRANSYVIGDR.A	22
PLOG+5142	proteomics_log	2091831	2091857	+	3	2	R.YLAEQAM*DR.A	14
PLOG+5143	proteomics_log	2091831	2091857	+	3	17	R.YLAEQAMDR.A	13
PLOG+5144	proteomics_log	2091858	2091884	+	3	2	R.ANSYVIGDR.A	13
PLOG+5145	proteomics_log	2091885	2091932	+	3	5	R.ATDIQLAENMGITGLR.Y	20
PLOG+5146	proteomics_log	2092056	2092136	+	3	7	R.EGGSKINTGVGFFDHMLDQIATHGGFR.M	31
PLOG+5147	proteomics_log	2092071	2092136	+	3	56	K.INTGVGFFDHMLDQIATHGGFR.M	26
PLOG+5148	proteomics_log	2092155	2092223	+	3	3	K.GDLYIDDHHTVEDTGLALGEALK.I	27

PLOG+5149	proteomics_log	2092155	2092244	+	3	4	K.GDLYIDDHHTVEDTGLALGEALKIALGDKR.G	34
PLOG+5150	proteomics_log	2092359	2092388	+	3	4	R.VGDLSTEM*IE.H	15
PLOG+5151	proteomics_log	2092359	2092400	+	3	98	R.VGDLSTEMIEHFFR.S	18
PLOG+5152	proteomics_log	2092497	2092556	+	3	2	R.TLRQAIRVEGDTLPSSKGV.L-	24
PLOG+5153	proteomics_log	2092506	2092547	+	3	2	R.QAIRVEGDTLPSSK.G	18
PLOG+5154	proteomics_log	2092518	2092547	+	3	4	R.VEGDTLPSSK.G	14
PLOG+5155	proteomics_log	2092643	2092759	+	2	2	K.VSRDPDVLLADKFLPGVGTQAAM*DQVRERELFDLIK.A	44
PLOG+5156	proteomics_log	2092643	2092738	+	2	6	K.VSRDPDVLLADKFLPGVGTQAAMDQVRER.E	36
PLOG+5157	proteomics_log	2092643	2092732	+	2	28	K.VSRDPDVLLADKFLPGVGTQAAMDQVR.E	34
PLOG+5158	proteomics_log	2093123	2093146	+	2	19	K.LLKNFLEM.-	12
PLOG+5159	proteomics_log	2093149	2093193	+	1	3	V.M*IIPALDLIDGTVV.R.L	20
PLOG+5160	proteomics_log	2093149	2093193	+	1	198	V.MIIPALDLIDGTVV.R.L	19
PLOG+5161	proteomics_log	2093194	2093223	+	1	28	R.LHQGDYQKQR.D	14
PLOG+5162	proteomics_log	2093224	2093250	+	1	4	R.DYGNDPLPR.L	13
PLOG+5163	proteomics_log	2093251	2093325	+	1	3	R.LQDYAAQGAEVLHLVLDLTGAKDPAK.R	29
PLOG+5164	proteomics_log	2093251	2093328	+	1	31	R.LQDYAAQGAEVLHLVLDLTGAKDPAKR.Q	30
PLOG+5165	proteomics_log	2093347	2093397	+	1	5	K.TLVAGVNVVPVQVGGGV.R.S	21
PLOG+5166	proteomics_log	2093347	2093442	+	1	8	K.TLVAGVNVVPVQVGGGV.RSEEDVAALLEAGVAR.V	36
PLOG+5167	proteomics_log	2093422	2093487	+	1	2	L.LEAGVARVVVGSTAVKSQDMVK.G	26
PLOG+5168	proteomics_log	2093443	2093487	+	1	2	R.VVVGSTAVKSQDMVK.G	19
PLOG+5169	proteomics_log	2093503	2093541	+	1	14	R.FGADALVLDV.R.I	17
PLOG+5170	proteomics_log	2093542	2093646	+	1	2	R.IDEQGNKQVAVSGWQENSGVSLEQLVETYLVPVGLK.H	39
PLOG+5171	proteomics_log	2093907	2093939	+	3	4	R.DGQVVKGVQFR.N	15
PLOG+5172	proteomics_log	2093940	2093981	+	3	37	R.NHEIIGDIVPLAKR.Y	18
PLOG+5173	proteomics_log	2093940	2093978	+	3	56	R.NHEIIGDIVPLAK.R	17
PLOG+5174	proteomics_log	2094072	2094119	+	3	4	R.VAEVIDIPFCVAGGIK.S	20
PLOG+5175	proteomics_log	2094120	2094212	+	3	5	K.SLEDAAKILSFGADKISINSPALADPTLITR.L	35
PLOG+5176	proteomics_log	2094141	2094212	+	3	84	K.ILSFGADKISINSPALADPTLITR.L	28
PLOG+5177	proteomics_log	2094165	2094212	+	3	7	K.ISINSPALADPTLITR.L	20
PLOG+5178	proteomics_log	2094321	2094374	+	3	3	R.TRVTQWETLDVWVQEVQKR.G	22
PLOG+5179	proteomics_log	2094375	2094452	+	3	3	R.GAGEIVLNMNNDGVRNGYDLEQLKK.V	30
PLOG+5180	proteomics_log	2094375	2094422	+	3	12	R.GAGEIVLNMNNDGVR.N	20
PLOG+5181	proteomics_log	2094603	2094635	+	3	9	K.AYLATQGVEIR.I	15
PLOG+5182	proteomics_log	2095013	2095072	+	2	3	R.KSADPETSYTAKLYASGTRK.I	24
PLOG+5183	proteomics_log	2095013	2095048	+	2	8	R.KSADPETSYTAK.L	16
PLOG+5184	proteomics_log	2095121	2095240	+	2	2	A.TVHDFELTNEASDLMYHLLVLLQDQGLDITTVIENLRKR.H	44
PLOG+5185	proteomics_log	2095136	2095240	+	2	2	R.FELTNEASDLMYHLLVLLQDQGLDITTVIENLRKR.H	39
PLOG+5186	proteomics_log	2095136	2095234	+	2	4	R.FELTNEASDLMYHLLVLLQDQGLDITTVIENLR.K	37
PLOG+5187	proteomics_log	2096159	2096182	+	2	3	V.HFSFATAK.Y	12
PLOG+5188	proteomics_log	2106698	2106763	+	2	7	E.KAPPIKIKQVNDFLIKITPFTR.L	26
PLOG+5189	proteomics_log	2111976	2112050	+	3	6	Q.MGCHQWQVAHTKWSGLNLKVRPDAR.S	29
PLOG+5190	proteomics_log	2124166	2124192	+	1	7	A.TVLDNKVER.D	13
PLOG+5191	proteomics_log	2131745	2131798	+	2	3	R.RRINQHQVIVFTRPVHQF.G	22
PLOG+5192	proteomics_log	2136931	2137011	+	1	2	R.LVVTDGDDAEDLLGVVHVIDLLQQLSR.G	31
PLOG+5193	proteomics_log	2143041	2143070	+	3	2	G.GEDERLDAGR.S	14
PLOG+5194	proteomics_log	2144042	2144104	+	2	2	R.LAM*LLTAGYSTNFSSRPQKRL.P	26

PLOG+5195	proteomics_log	2161959	2162000	+	3	2	R.LMQLFNLLLENSLR.Y	18
PLOG+5196	proteomics_log	2162336	2162392	+	2	14	R.ILIVEDEPKLGLQLLIDYLR.A	23
PLOG+5197	proteomics_log	2163216	2163239	+	3	5	M.AGWFEFSK.S	12
PLOG+5198	proteomics_log	2163273	2163320	+	3	5	K.AGNGETILTSELYTSK.T	20
PLOG+5199	proteomics_log	2163321	2163353	+	3	9	K.TSAEKGIASVR.S	15
PLOG+5200	proteomics_log	2163426	2163482	+	3	4	K.AANHQIIGSSQMYATAQSR.E	23
PLOG+5201	proteomics_log	2163507	2163542	+	3	7	K.ANGTSQTVKDNT.-	16
PLOG+5202	proteomics_log	2163692	2163742	+	2	7	I.MFKPELLSPAGTLKNMR.Y	21
PLOG+5203	proteomics_log	2163743	2163790	+	2	10	R.YAFAYGADAVYAGQPR.Y	20
PLOG+5204	proteomics_log	2163920	2164006	+	2	2	K.TFIRDLKPVVEMGPDALIMSDPGLIMLVR.E	33
PLOG+5205	proteomics_log	2164610	2164714	+	2	2	R.KAIDDAAGKPFDTSLLETLEGLAHRGYTEGFLRR.H	39
PLOG+5206	proteomics_log	2164610	2164687	+	2	7	R.KAIDDAAGKPFDTSLLETLEGLAHR.G	30
PLOG+5207	proteomics_log	2164613	2164711	+	2	2	K.AIDDAAGKPFDTSLLETLEGLAHRGYTEGFLR.R	37
PLOG+5208	proteomics_log	2164613	2164714	+	2	2	K.AIDDAAGKPFDTSLLETLEGLAHRGYTEGFLRR.H	38
PLOG+5209	proteomics_log	2164613	2164687	+	2	69	K.AIDDAAGKPFDTSLLETLEGLAHR.G	29
PLOG+5210	proteomics_log	2165012	2165050	+	2	40	R.NFSGETTRNPHGK.-	17
PLOG+5211	proteomics_log	2167204	2167248	+	1	2	K.AALGSVSYIIHGLMR.M	19
PLOG+5212	proteomics_log	2179080	2179100	+	3	3	A.TALAKYR.Q	11
PLOG+5213	proteomics_log	2184387	2184461	+	3	2	I.RMPMHEPMPM*TLNDALMVERSPTGK.F	30
PLOG+5214	proteomics_log	2192661	2192690	+	3	14	R.LKENGFIKNR.T	14
PLOG+5215	proteomics_log	2192691	2192750	+	3	8	R.TISQLYDPEKGMFLPDRFVK.G	24
PLOG+5216	proteomics_log	2192847	2192942	+	3	5	K.SVVGATPVMRDSEHFFFDLPSFSEMLQAWTR.S	36
PLOG+5217	proteomics_log	2192880	2192942	+	3	31	R.DSEHFFFDLPSFSEMLQAWTR.S	25
PLOG+5218	proteomics_log	2192943	2192975	+	3	2	R.SGALQEQVANK.M	15
PLOG+5219	proteomics_log	2192976	2193023	+	3	3	K.MQEFWESGLQQWDISR.D	20
PLOG+5220	proteomics_log	2193024	2193119	+	3	5	R.DAPYFGFEIPNAPGKYFYVWLDAPIGYMGFSK.N	36
PLOG+5221	proteomics_log	2193174	2193269	+	3	4	K.DSTAELYHFIGKDIVYFHSLFWPAMLEGSNFR.K	36
PLOG+5222	proteomics_log	2193423	2193464	+	3	9	R.IDDIDLNLEDFVQR.V	18
PLOG+5223	proteomics_log	2193423	2193509	+	3	45	R.IDDIDLNLEDFVQRVNADIVNKVVNLASR.N	33
PLOG+5224	proteomics_log	2193465	2193509	+	3	5	R.VNADIVNKVVNLASR.N	19
PLOG+5225	proteomics_log	2193531	2193629	+	3	2	K.RFDGVLASELADPQLYKTFTDAAEVIGEAWESR.E	37
PLOG+5226	proteomics_log	2193534	2193629	+	3	5	R.FDGVLASELADPQLYKTFTDAAEVIGEAWESR.E	36
PLOG+5227	proteomics_log	2193651	2193719	+	3	5	R.EIMALADLANRYVDEQAPWVVAK.Q	27
PLOG+5228	proteomics_log	2193936	2193977	+	3	9	R.QVEALVEASKEEVK.A	18
PLOG+5229	proteomics_log	2193978	2194055	+	3	16	K.AAAAPVTGPLADDPIQETITFDDFAK.V	30
PLOG+5230	proteomics_log	2194068	2194121	+	3	6	R.VALIENAEFVEGSDKLLR.L	22
PLOG+5231	proteomics_log	2194122	2194151	+	3	20	R.LTLDLGGEKR.N	14
PLOG+5232	proteomics_log	2194173	2194241	+	3	4	R.SAYPDPQALIGRHTIMVANLAPR.K	27
PLOG+5233	proteomics_log	2194209	2194244	+	3	2	R.HTIM*VANLAPR.K	17
PLOG+5234	proteomics_log	2194209	2194241	+	3	26	R.HTIMVANLAPR.K	15
PLOG+5235	proteomics_log	2194251	2194352	+	3	114	R.FGISEGMVMAAGPGGKDIFLLSPDAGAKPGHQVK.-	38
PLOG+5236	proteomics_log	2200407	2200448	+	3	4	Y.EQGHGELLQTVANR.W	18
PLOG+5237	proteomics_log	2204339	2204389	+	2	2	Q.RCGANALRKLTSQNCPR.W	21
PLOG+5238	proteomics_log	2208295	2208345	+	1	5	S.FQAGALAGGQIVSQAAR.R	21
PLOG+5239	proteomics_log	2220210	2220260	+	3	2	M.SSM*TTTDNKAFLNELAR.L	22
PLOG+5240	proteomics_log	2220210	2220236	+	3	8	M.SSMTTTDNK.A	13

PLOG+5241	proteomics_log	2220261	2220308	+	3	3	R.LVGSSHLLTDPAKTAR.Y	20
PLOG+5242	proteomics_log	2220261	2220299	+	3	21	R.LVGSSHLLTDPAK.T	17
PLOG+5243	proteomics_log	2220327	2220386	+	3	15	R.SGQGDALAVVFPGSLLELWR.V	24
PLOG+5244	proteomics_log	2220466	2220546	+	1	2	R.QTVTIMIAM*SLSSAPCVSTSTCTFLARA.N	32
PLOG+5245	proteomics_log	2220541	2220576	+	1	4	A.RANRCWPIRAPR.S	16
PLOG+5246	proteomics_log	2220705	2220740	+	3	9	R.GPAYTEMSLFAR.I	16
PLOG+5247	proteomics_log	2220900	2220932	+	3	4	R.VRDIEADTPAR.Y	15
PLOG+5248	proteomics_log	2221167	2221238	+	3	4	K.YGKDTFLMIDKLGTDKMPFFFNLK.G	28
PLOG+5249	proteomics_log	2221716	2221769	+	3	9	K.GVDVHALKEQMLELLQQR.G	22
PLOG+5250	proteomics_log	2229878	2229991	+	2	52	R.FQTAFACLADNLQSALEPILADKYFPALLTGEQVSSLK.S	42
PLOG+5251	proteomics_log	2230061	2230099	+	2	7	R.TPLSNFNVGAIAR.G	17
PLOG+5252	proteomics_log	2231212	2231271	+	1	3	K.DLIAAGVDPSDIVLDYAGFR.T	24
PLOG+5253	proteomics_log	2233186	2233212	+	1	2	A.AGDIVEGDK.T	13
PLOG+5254	proteomics_log	2248922	2248963	+	2	2	R.AAEIDATAFALFTK.N	18
PLOG+5255	proteomics_log	2249099	2249125	+	2	2	P.VTEALEKSR.D	13
PLOG+5256	proteomics_log	2249120	2249212	+	2	2	K.SRDAFIDEMQRCEQLGLSLLNFHPGSHLMQI.S	35
PLOG+5257	proteomics_log	2249303	2249374	+	2	2	T.AGQGSNLGFKFEHLAAIIDGVEDK.S	28
PLOG+5258	proteomics_log	2249496	2249525	+	3	2	I.CAGCTLTMRK.A	14
PLOG+5259	proteomics_log	2249543	2249596	+	2	2	R.VDRHHSGLGEGNIGHDAFR.W	22
PLOG+5260	proteomics_log	2252538	2252600	+	3	7	L.RVKFMM*SLNSSPAGPPALSIR.A	26
PLOG+5261	proteomics_log	2252960	2253007	+	2	5	F.TVNIIGNDLLTHNGLR.H	20
PLOG+5262	proteomics_log	2263475	2263525	+	2	2	M.PRANEIKKGMVLNYNGK.L	21
PLOG+5263	proteomics_log	2263496	2263525	+	2	2	K.KGMVLNYNGK.L	14
PLOG+5264	proteomics_log	2263499	2263570	+	2	3	K.GMVLNYNGKLLLVDIDIQSPTAR.G	28
PLOG+5265	proteomics_log	2263499	2263525	+	2	11	K.GMVLNYNGK.L	13
PLOG+5266	proteomics_log	2263526	2263570	+	2	347	K.LLLVKDIDIQSPTAR.G	19
PLOG+5267	proteomics_log	2263541	2263570	+	2	17	K.DIDIQSPTAR.G	14
PLOG+5268	proteomics_log	2263571	2263597	+	2	2	R.GAATLYKMR.F	13
PLOG+5269	proteomics_log	2263598	2263636	+	2	15	R.FSDVRTGLKVEER.F	17
PLOG+5270	proteomics_log	2263613	2263636	+	2	26	R.TGLKVEER.F	12
PLOG+5271	proteomics_log	2263637	2263681	+	2	22	R.FKGDDIVDTVTLTRR.Y	19
PLOG+5272	proteomics_log	2263637	2263678	+	2	217	R.FKGDDIVDTVTLTR.R	18
PLOG+5273	proteomics_log	2263928	2263996	+	2	74	R.NKPATLSTGLVIQVPEYLSPEK.I	27
PLOG+5274	proteomics_log	2263928	2264002	+	2	149	R.NKPATLSTGLVIQVPEYLSPEKIR.I	29
PLOG+5275	proteomics_log	2263952	2263996	+	2	2	T.GLVIQVPEYLSPEK.I	19
PLOG+5276	proteomics_log	2264003	2264023	+	2	10	R.IHIEERR.Y	11
PLOG+5277	proteomics_log	2268124	2268183	+	1	3	R.AVGSETSSLQASQDEFENLV.R	24
PLOG+5278	proteomics_log	2271814	2271837	+	1	5	S.RDYDMM*PR.V	13
PLOG+5279	proteomics_log	2272639	2272695	+	1	2	I.IYLVSIPLGIRKAVYNGSR.F	23
PLOG+5280	proteomics_log	2280539	2280568	+	2	2	E.MFTINAEVRK.E	14
PLOG+5281	proteomics_log	2280539	2280580	+	2	2	E.M*FTINAEVRKEQK.G	19
PLOG+5282	proteomics_log	2280539	2280592	+	2	4	E.M*FTINAEVRKEQKGASR.R	23
PLOG+5283	proteomics_log	2280539	2280580	+	2	10	E.MFTINAEVRKEQK.G	18
PLOG+5284	proteomics_log	2280539	2280565	+	2	45	E.M*FTINAEVR.K	14
PLOG+5285	proteomics_log	2280539	2280595	+	2	80	E.MFTINAEVRKEQKGASRR.L	23
PLOG+5286	proteomics_log	2280539	2280592	+	2	166	E.MFTINAEVRKEQKGASR.R	22

PLOG+5287	proteomics_log	2280539	2280565	+	2	239	E.MFTINAEVR.K	13
PLOG+5288	proteomics_log	2280596	2280697	+	2	4	R.LRAANKFPAIYGGKEAPLAIELDHDKVMNMQAK.A	38
PLOG+5289	proteomics_log	2280596	2280640	+	2	5	R.LRAANKFPAIYGGK.E	19
PLOG+5290	proteomics_log	2280596	2280676	+	2	7	R.LRAANKFPAIYGGKEAPLAIELDHDK.V	31
PLOG+5291	proteomics_log	2280596	2280697	+	2	4	R.LRAANKFPAIYGGKEAPLAIELDHDKVM*NM*QAK.A	40
PLOG+5292	proteomics_log	2280602	2280697	+	2	12	R.AANKFPAIYGGKEAPLAIELDHDKVM*NM*QAK.A	38
PLOG+5293	proteomics_log	2280602	2280676	+	2	31	R.AANKFPAIYGGKEAPLAIELDHDK.V	29
PLOG+5294	proteomics_log	2280602	2280640	+	2	145	R.AANKFPAIYGGK.E	17
PLOG+5295	proteomics_log	2280602	2280697	+	2	168	R.AANKFPAIYGGKEAPLAIELDHDKVMNMQAK.A	36
PLOG+5296	proteomics_log	2280611	2280697	+	2	8	N.KFPAIYGGKEAPLAIELDHDKVMNMQAK.A	33
PLOG+5297	proteomics_log	2280614	2280697	+	2	5	K.FPAIYGGKEAPLAIELDHDKVMNMQAK.A	32
PLOG+5298	proteomics_log	2280641	2280697	+	2	2	K.EAPLAIELDHDKVMNM*QAK.A	24
PLOG+5299	proteomics_log	2280641	2280676	+	2	22	K.EAPLAIELDHDK.V	16
PLOG+5300	proteomics_log	2280641	2280697	+	2	89	K.EAPLAIELDHDKVMNMQAK.A	23
PLOG+5301	proteomics_log	2280695	2280757	+	2	3	A.KAEFYSEVLTIVVDGKEIKVK.A	25
PLOG+5302	proteomics_log	2280695	2280751	+	2	3	A.KAEFYSEVLTIVVDGKEIK.V	23
PLOG+5303	proteomics_log	2280698	2280793	+	2	2	K.AEFYSEVLTIVVDGKEIKVKAQDVQRHPYKPK.L	36
PLOG+5304	proteomics_log	2280698	2280775	+	2	15	K.AEFYSEVLTIVVDGKEIKVKAQDVQR.H	30
PLOG+5305	proteomics_log	2280698	2280757	+	2	169	K.AEFYSEVLTIVVDGKEIKVK.A	24
PLOG+5306	proteomics_log	2280698	2280751	+	2	247	K.AEFYSEVLTIVVDGKEIK.V	22
PLOG+5307	proteomics_log	2280698	2280742	+	2	320	K.AEFYSEVLTIVVDGK.E	19
PLOG+5308	proteomics_log	2280719	2280751	+	2	2	V.LTIVVDGKEIK.V	15
PLOG+5309	proteomics_log	2280728	2280751	+	2	2	I.VVDGKEIK.V	12
PLOG+5310	proteomics_log	2280752	2280820	+	2	3	K.VKAQDVQRHPYKPKLQHIDFVRA.-	27
PLOG+5311	proteomics_log	2280752	2280793	+	2	11	K.VKAQDVQRHPYKPK.L	18
PLOG+5312	proteomics_log	2280752	2280775	+	2	40	K.VKAQDVQR.H	12
PLOG+5313	proteomics_log	2280758	2280805	+	2	6	K.AQDVQRHPYKPKLQHI.D	20
PLOG+5314	proteomics_log	2280758	2280820	+	2	45	K.AQDVQRHPYKPKLQHIDFVRA.-	25
PLOG+5315	proteomics_log	2280758	2280793	+	2	90	K.AQDVQRHPYKPK.L	16
PLOG+5316	proteomics_log	2280776	2280820	+	2	2	R.HPYKPKLQHIDFVRA.-	19
PLOG+5317	proteomics_log	2280794	2280820	+	2	4	K.LQHIDFVRA.-	13
PLOG+5318	proteomics_log	2282169	2282225	+	3	57	R.YSDEQVEQLLAELLNPLEK.H	23
PLOG+5319	proteomics_log	2282226	2282312	+	3	8	K.HKAPTDLSLMVLGNMVTNLINTSIAPAQR.Q	33
PLOG+5320	proteomics_log	2282340	2282375	+	3	113	R.ALQSSINEDKAH.-	16
PLOG+5321	proteomics_log	2285023	2285052	+	1	4	R.RDQNQYQNES.N	14
PLOG+5322	proteomics_log	2288525	2288578	+	2	32	M.PEATPFQVMIVDDHPLMR.R	22
PLOG+5323	proteomics_log	2288945	2289037	+	2	3	R.EMFGAEEDPFSVLTERELDVLHELAQGLSNK.Q	35
PLOG+5324	proteomics_log	2299382	2299432	+	2	2	R.SCATACRPIFAGMVPLG.I	21
PLOG+5325	proteomics_log	2302269	2302310	+	3	2	K.KFVTAYLGDAGMLR.Y	18
PLOG+5326	proteomics_log	2305751	2305816	+	2	7	L.NATCAVSSVGNAPTAESSGVRR.N	26
PLOG+5327	proteomics_log	2313688	2313783	+	1	2	R.LISQDYDIFLTDNPSNLTASGLLSDESQV.R	36
PLOG+5328	proteomics_log	2314199	2314261	+	2	6	Y.MNNMNVIIADDDHPVIVLFGIRK.S	25
PLOG+5329	proteomics_log	2314199	2314258	+	2	29	Y.MNNMNVIIADDDHPVIVLFGIR.K	24
PLOG+5330	proteomics_log	2314259	2314339	+	2	2	R.KSLEQIEWVNVVGEFEDSTALINNLPK.L	31
PLOG+5331	proteomics_log	2314262	2314339	+	2	7	K.SLEQIEWVNVVGEFEDSTALINNLPK.L	30
PLOG+5332	proteomics_log	2314301	2314387	+	2	2	E.FEDSTALINNLPKLDAHVLTDLISM*PGDK.Y	34

PLOG+5333	proteomics_log	2314340	2314414	+	2	18	K.LDAHVLITDLSMPGDKYGDGITLIK.Y	29
PLOG+5334	proteomics_log	2314427	2314525	+	2	6	R.HFPSLSIIVLTMNNNPAILSAVLDLDDIEGIVLK.Q	37
PLOG+5335	proteomics_log	2314526	2314606	+	2	24	K.QGAPTDLPKALALQKGGKFTPEVSRL	31
PLOG+5336	proteomics_log	2314619	2314648	+	2	7	K.ISAGGYGDKR.L	14
PLOG+5337	proteomics_log	2314679	2314717	+	2	27	R.LFAEGFLVTEIAK.K	17
PLOG+5338	proteomics_log	2314730	2314759	+	2	2	R.SIKTISSQKK.S	14
PLOG+5339	proteomics_log	2314775	2314846	+	2	76	K.LGVENDIALLNLYLSSVTLSPADKD.-	28
PLOG+5340	proteomics_log	2320404	2320439	+	3	4	S.GESGTGKELIAR.A	16
PLOG+5341	proteomics_log	2323021	2323092	+	1	2	K.SLLRTAASAAKTPVQGVMLVTFFG.S	28
PLOG+5342	proteomics_log	2325244	2325309	+	1	2	K.TLGLATLCIGGGQGIAMVIERL.N	26
PLOG+5343	proteomics_log	2329297	2329341	+	1	5	R.ILLACSGNISALSPP.P	19
PLOG+5344	proteomics_log	2337589	2337666	+	1	4	P.M*NAEKSPVNHNVDEHEIAKFEAVASR.W	31
PLOG+5345	proteomics_log	2337667	2337705	+	1	4	R.WWDLEGEFKPLHR.I	17
PLOG+5346	proteomics_log	2337716	2337784	+	2	2	R.CVWAILPSVLAVYLAKRCSM*SVV.A	28
PLOG+5347	proteomics_log	2337817	2337873	+	1	4	R.EGATVTGLDM*GFEPLQVAK.L	24
PLOG+5348	proteomics_log	2337817	2337873	+	1	104	R.EGATVTGLDMGFEPQVAK.L	23
PLOG+5349	proteomics_log	2337874	2337942	+	1	5	K.LHALESQIQVDYVQETVEEHA.AK.H	27
PLOG+5350	proteomics_log	2338159	2338215	+	1	30	K.FIKPAELLGWVDQTSKER.H	23
PLOG+5351	proteomics_log	2338216	2338308	+	1	2	R.HITGLHYNPITNTFKLPGVDVNYMLHTQNK.-	35
PLOG+5352	proteomics_log	2338216	2338308	+	1	2	R.HITGLHYNPITNTFKLPGVDVNYM*LHTQNK.-	36
PLOG+5353	proteomics_log	2338216	2338260	+	1	11	R.HITGLHYNPITNTFK.L	19
PLOG+5354	proteomics_log	2342935	2342958	+	1	2	R.INLDKIHR.V	12
PLOG+5355	proteomics_log	2342959	2343018	+	1	4	R.VLDWAAEGLHNVSISQVELR.S	24
PLOG+5356	proteomics_log	2344063	2344104	+	1	7	R.VKAVELFSLMMQER.A	18
PLOG+5357	proteomics_log	2344348	2344398	+	1	17	R.ALDALLDYQDYPIPAK.R	21
PLOG+5358	proteomics_log	2344420	2344464	+	1	7	R.TLGIGVINFAYYLAK.H	19
PLOG+5359	proteomics_log	2344513	2344545	+	1	3	K.TFEAIQYLLK.A	15
PLOG+5360	proteomics_log	2344948	2344995	+	1	2	K.FIDQSISANTNYDPSR.F	20
PLOG+5361	proteomics_log	2345653	2345691	+	1	3	R.CWIPFRVVARTWR.Y	17
PLOG+5362	proteomics_log	2345676	2345768	+	3	31	R.SPNVALLPLISIPELETWVETWAFSETIHSR.S	35
PLOG+5363	proteomics_log	2346105	2346167	+	3	14	R.LIARDEALHLLTGTQHMLNLLR.S	25
PLOG+5364	proteomics_log	2346354	2346392	+	3	14	R.MQAVGLDLPFQTR.S	17
PLOG+5365	proteomics_log	2350786	2350815	+	1	14	R.HDIATGATGR.N	14
PLOG+5366	proteomics_log	2351233	2351337	+	1	2	R.VRNHLTGETQALHAPVVVNAAGIWGQHIAEYADLR.I	39
PLOG+5367	proteomics_log	2351386	2351409	+	1	4	R.INQHVINR.C	12
PLOG+5368	proteomics_log	2351662	2351730	+	1	23	R.GIVLLDHAERDGLDGFITITGGK.L	27
PLOG+5369	proteomics_log	2351692	2351730	+	1	3	R.DGLDGFITITGGK.L	17
PLOG+5370	proteomics_log	2351911	2351949	+	1	2	R.HGDRTPAWLSEGR.L	17
PLOG+5371	proteomics_log	2352124	2352183	+	1	5	R.FNVTTSAQSIEQLSTFLNER.W	24
PLOG+5372	proteomics_log	2352767	2352826	+	2	2	R.ELGLAVETAIEIPELDVLR.N	24
PLOG+5373	proteomics_log	2353172	2353201	+	2	4	R.NHADIPRPR.F	14
PLOG+5374	proteomics_log	2353202	2353255	+	2	2	R.FAVLASGSFFSGGLVAER.N	22
PLOG+5375	proteomics_log	2353256	2353309	+	2	7	R.NGIREPILGLDVLQTATR.G	22
PLOG+5376	proteomics_log	2363965	2364012	+	1	2	L.PFSRPAMGVEELAAVK.E	20
PLOG+5377	proteomics_log	2369566	2369616	+	1	2	V.ISCVLTVLPWGLAIAQR.E	21
PLOG+5378	proteomics_log	2380494	2380544	+	3	42	R.SIFPATELANDFTVFNV.-	21

PLOG+5379	proteomics_log	2380768	2380806	+	1	19	Q.LSQTQLSQTFAEK.F	17
PLOG+5380	proteomics_log	2405661	2405684	+	3	2	K.RLEEEGNK.V	12
PLOG+5381	proteomics_log	2405661	2405762	+	3	3	K.RLEEEGNKVLKLNIGNPAPFGFDAPDEILVDVIR.N	38
PLOG+5382	proteomics_log	2405661	2405693	+	3	3	K.RLEEEGNKVLK.L	15
PLOG+5383	proteomics_log	2405694	2405762	+	3	59	K.LNIGNPAPFGFDAPDEILVDVIR.N	27
PLOG+5384	proteomics_log	2405817	2405846	+	3	2	R.KAIMQHYQAR.G	14
PLOG+5385	proteomics_log	2406144	2406176	+	3	2	K.ELLMIVEIAR.Q	15
PLOG+5386	proteomics_log	2406369	2406407	+	3	2	K.GYIEGLEMLASMR.L	17
PLOG+5387	proteomics_log	2407193	2407273	+	2	2	K.LVDMVPEELRDIFAPLIDEHAYSDEEK.S	31
PLOG+5388	proteomics_log	2409545	2409595	+	2	2	Q.ARGICRSVNRNDM*TTRR.Q	22
PLOG+5389	proteomics_log	2411495	2411620	+	2	5	M.SSKLVLVLCGSSSLKFAIIDAVNGEEYLSGLAECFHLPEAR.I	46
PLOG+5390	proteomics_log	2411786	2411899	+	2	21	K.YTSSVVIDESVIQGIKDAASFAPLHNPAHLIGIEEALK.S	42
PLOG+5391	proteomics_log	2411924	2412007	+	2	2	K.NVAVFDATAFHQTMPEESYLYALPNLYK.E	32
PLOG+5392	proteomics_log	2412023	2412076	+	2	28	R.RYGAHGTSHFYVTQEAAK.M	22
PLOG+5393	proteomics_log	2412026	2412076	+	2	67	R.YGAHGTSHFYVTQEAAK.M	21
PLOG+5394	proteomics_log	2412077	2412154	+	2	4	K.MLNKPVEELNIITCHLGNGGVSVAIR.N	30
PLOG+5395	proteomics_log	2412077	2412163	+	2	11	K.MLNKPVEELNIITCHLGNGGVSVAIRNGK.C	33
PLOG+5396	proteomics_log	2412101	2412154	+	2	2	E.LNIITCHLGNGGVSVAIR.N	22
PLOG+5397	proteomics_log	2412164	2412220	+	2	12	K.CVDTSMGLTPLEGLVMGTR.S	23
PLOG+5398	proteomics_log	2412221	2412352	+	2	4	R.SGDIDPAIIFHLHDTLGMSVDAINKLLTKESGLLGLTEVTSDCR.Y	48
PLOG+5399	proteomics_log	2412221	2412307	+	2	15	R.SGDIDPAIIFHLHDTLGM*SVDAINKLLTK.E	34
PLOG+5400	proteomics_log	2412221	2412307	+	2	175	R.SGDIDPAIIFHLHDTLGMSVDAINKLLTK.E	33
PLOG+5401	proteomics_log	2412308	2412352	+	2	2	K.ESGLLGLTEVTSDCR.Y	19
PLOG+5402	proteomics_log	2412353	2412391	+	2	4	R.YVEDNYATKEDAK.R	17
PLOG+5403	proteomics_log	2412353	2412394	+	2	35	R.YVEDNYATKEDAKR.A	18
PLOG+5404	proteomics_log	2412419	2412517	+	2	4	R.LAKYIGAYTALMDGRLDAVVFTGGIGENAAMVR.E	37
PLOG+5405	proteomics_log	2412428	2412463	+	2	23	K.YIGAYTALMDGR.L	16
PLOG+5406	proteomics_log	2412428	2412517	+	2	33	K.YIGAYTALMDGRLDAVVFTGGIGENAAMVR.E	34
PLOG+5407	proteomics_log	2412464	2412517	+	2	15	R.LDAVVFTGGIGENAAMVR.E	22
PLOG+5408	proteomics_log	2412518	2412586	+	2	34	R.ELSLGKLGVLGFVDHERNLAAR.F	27
PLOG+5409	proteomics_log	2412518	2412571	+	2	192	R.ELSLGKLGVLGFVDHER.N	22
PLOG+5410	proteomics_log	2412536	2412571	+	2	80	K.LGVLGFVDHER.N	16
PLOG+5411	proteomics_log	2412587	2412682	+	2	10	R.FGKSGFINKEGTRPAVVIPTNEELVIAQDASR.L	36
PLOG+5412	proteomics_log	2412596	2412691	+	2	61	K.SGFINKEGTRPAVVIPTNEELVIAQDASRLTA.-	36
PLOG+5413	proteomics_log	2412596	2412682	+	2	178	K.SGFINKEGTRPAVVIPTNEELVIAQDASR.L	33
PLOG+5414	proteomics_log	2412614	2412682	+	2	120	K.EGTRPAVVIPTNEELVIAQDASR.L	27
PLOG+5415	proteomics_log	2412772	2412855	+	1	2	V.SRIIMLIPTGTSVGLTSVSLGVIRAMER.K	32
PLOG+5416	proteomics_log	2412772	2412843	+	1	110	V.SRIIMLIPTGTSVGLTSVSLGVIR.A	28
PLOG+5417	proteomics_log	2412778	2412843	+	1	75	R.IIMLIPTGTSVGLTSVSLGVIR.A	26
PLOG+5418	proteomics_log	2412793	2412843	+	1	25	I.PTGTSVGLTSVSLGVIR.A	21
PLOG+5419	proteomics_log	2412868	2412900	+	1	22	R.LSVFKPIAQPR.T	15
PLOG+5420	proteomics_log	2412901	2412942	+	1	67	R.TGGDAPDQTTTIVR.A	18
PLOG+5421	proteomics_log	2412943	2412981	+	1	2	R.ANSSTTTAAEPLK.M	17
PLOG+5422	proteomics_log	2413111	2413152	+	1	2	R.KHQFAQSLNYEIAK.T	18
PLOG+5423	proteomics_log	2413114	2413152	+	1	12	K.HQFAQSLNYEIAK.T	17
PLOG+5424	proteomics_log	2413153	2413221	+	1	44	K.TLNAEIVFMSQGTDTPEQLKER.I	27

PLOG+5425	proteomics_log	2413237	2413320	+	1	24	R.NSFGGAKNTNITGVIVNKLNAPVDEQGR.T	32
PLOG+5426	proteomics_log	2413258	2413290	+	1	2	K.NTNITGVIVNK.L	15
PLOG+5427	proteomics_log	2413258	2413320	+	1	5	K.NTNITGVIVNKLNAPVDEQGR.T	25
PLOG+5428	proteomics_log	2413363	2413461	+	1	4	K.AKVVNVDPAKLQESSPLPVLGAVPWSFDLIATR.A	37
PLOG+5429	proteomics_log	2413369	2413461	+	1	101	K.VNNVDPAKLQESSPLPVLGAVPWSFDLIATR.A	35
PLOG+5430	proteomics_log	2413393	2413461	+	1	21	K.LQESSPLPVLGAVPWSFDLIATR.A	27
PLOG+5431	proteomics_log	2413480	2413527	+	1	4	R.HLNATIINEGDINTRR.V	20
PLOG+5432	proteomics_log	2413480	2413524	+	1	25	R.HLNATIINEGDINTR.R	19
PLOG+5433	proteomics_log	2413555	2413584	+	1	2	R.SIPHMLEHFR.A	14
PLOG+5434	proteomics_log	2413924	2413947	+	1	3	R.RLSPPAFR.Y	12
PLOG+5435	proteomics_log	2413924	2413971	+	1	4	R.RLSPPAFRYQLTELAR.K	20
PLOG+5436	proteomics_log	2413948	2413971	+	1	57	R.YQLTELAR.K	12
PLOG+5437	proteomics_log	2413984	2414025	+	1	2	K.RIVLPEGDEPRTVK.A	18
PLOG+5438	proteomics_log	2413987	2414025	+	1	11	R.IVLPEGDEPRTVK.A	17
PLOG+5439	proteomics_log	2413987	2414016	+	1	13	R.IVLPEGDEPR.T	14
PLOG+5440	proteomics_log	2414017	2414052	+	1	5	R.TVKAAAICAERG.I	16
PLOG+5441	proteomics_log	2414026	2414049	+	1	2	K.AAAICAER.G	12
PLOG+5442	proteomics_log	2414050	2414097	+	1	7	R.GIATCVLLGNPAEINR.V	20
PLOG+5443	proteomics_log	2414182	2414229	+	1	4	R.LVELRKNKGMTETVAR.E	20
PLOG+5444	proteomics_log	2414197	2414229	+	1	2	R.KNKGMTETVAR.E	15
PLOG+5445	proteomics_log	2414200	2414229	+	1	11	K.NKGMTETVAR.E	14
PLOG+5446	proteomics_log	2414230	2414355	+	1	19	R.EQLEDNVVLGTLML*LEQDEVDGLVSGAVHTTANTIRPPLQLIK.T	47
PLOG+5447	proteomics_log	2414230	2414355	+	1	105	R.EQLEDNVVLGTLML*LEQDEVDGLVSGAVHTTANTIRPPLQLIK.T	46
PLOG+5448	proteomics_log	2414356	2414394	+	1	4	K.TAPGSSLVSSVFF.M	17
PLOG+5449	proteomics_log	2414434	2414523	+	1	3	C.AINPDPTAEQLAEIAIQSADSAAAFGIEPR.V	34
PLOG+5450	proteomics_log	2414524	2414598	+	1	2	R.VAM*LSYSTGTSGAGSDVEKVREATR.L	30
PLOG+5451	proteomics_log	2414524	2414586	+	1	8	R.VAMLSYSTGTSGAGSDVEKVR.E	25
PLOG+5452	proteomics_log	2414524	2414580	+	1	25	R.VAMLSYSTGTSGAGSDVEK.V	23
PLOG+5453	proteomics_log	2414524	2414598	+	1	54	R.VAMLSYSTGTSGAGSDVEKVREATR.L	29
PLOG+5454	proteomics_log	2414599	2414679	+	1	102	R.LAQEKRPDLMDGPLQYDAAVMADVAK.S	31
PLOG+5455	proteomics_log	2414680	2414712	+	1	28	K.SKAPNSPVAGR.A	15
PLOG+5456	proteomics_log	2414713	2414775	+	1	21	R.ATVFIFPDLNTGNTTYKAVQR.S	25
PLOG+5457	proteomics_log	2414713	2414763	+	1	89	R.ATVFIFPDLNTGNTTYK.A	21
PLOG+5458	proteomics_log	2414776	2414910	+	1	2	R.SADLISIGPM*LQGM*RKPVNDLSRGALVDDIVYTIALTAIQSAQQQ.-	51
PLOG+5459	proteomics_log	2414776	2414910	+	1	8	R.SADLISIGPMLQGM*RKPVNDLSRGALVDDIVYTIALTAIQSAQQQ.-	49
PLOG+5460	proteomics_log	2414776	2414820	+	1	61	R.SADLISIGPMLQGM.R.K	19
PLOG+5461	proteomics_log	2414821	2414844	+	1	5	R.KPVNDLSR.G	12
PLOG+5462	proteomics_log	2414821	2414910	+	1	26	R.KPVNDLSRGALVDDIVYTIALTAIQSAQQQ.-	34
PLOG+5463	proteomics_log	2414845	2414895	+	1	2	R.GALVDDIVYTIALTAIQ.S	21
PLOG+5464	proteomics_log	2414845	2414910	+	1	350	R.GALVDDIVYTIALTAIQSAQQQ.-	26
PLOG+5465	proteomics_log	2419485	2419520	+	3	22	R.TSEDINDALNYR.T	16
PLOG+5466	proteomics_log	2419521	2419610	+	3	3	R.TVTKNIIQHVENNRFSLLEKLTQDVLDIAR.E	34
PLOG+5467	proteomics_log	2419533	2419562	+	3	10	K.NIIQHVENNR.F	14
PLOG+5468	proteomics_log	2419533	2419610	+	3	81	K.NIIQHVENNRFSLLEKLTQDVLDIAR.E	30
PLOG+5469	proteomics_log	2419563	2419610	+	3	64	R.FSLLEKLTQDVLDIAR.E	20
PLOG+5470	proteomics_log	2419581	2419610	+	3	31	K.LTQDVLDIAR.E	14

PLOG+5471	proteomics_log	2419611	2419667	+	3	6	R.EHHWVTYAEVEIDKLHALR.Y	23
PLOG+5472	proteomics_log	2419862	2419954	+	2	7	R.VTLWQGLADQSNLNGVDVINLAGEPIADKR.W	35
PLOG+5473	proteomics_log	2420552	2420581	+	2	2	K.RLEEAGFAFR.W	14
PLOG+5474	proteomics_log	2420582	2420620	+	2	8	R.WYDLEEALADVVR.-	17
PLOG+5475	proteomics_log	2429407	2429481	+	1	2	R.FRFLKGVIGCNSGRIERRCCGITCP.H	29
PLOG+5476	proteomics_log	2429593	2429628	+	1	2	R.ELILIMFFLPVQ.Q	16
PLOG+5477	proteomics_log	2438710	2438778	+	1	2	H.VANRSRSTVGVQVIDWGINAMHR.H	27
PLOG+5478	proteomics_log	2439013	2439105	+	1	51	R.THCVEFASHFPAQLFAAASKHDVLFQAQLDLL.Y	35
PLOG+5479	proteomics_log	2442094	2442165	+	1	2	W.PRKYPLANNSSSLAWSTIPSINAR.M	28
PLOG+5480	proteomics_log	2446739	2446765	+	2	4	K.KISEVPVKR.L	13
PLOG+5481	proteomics_log	2453393	2453455	+	2	2	G.SGHCFLSIKYAILQANLEIFR.R	25
PLOG+5482	proteomics_log	2456780	2456818	+	2	3	H.RFRIVSTNATVAR.Q	17
PLOG+5483	proteomics_log	2459403	2459447	+	3	59	S.AGFQLNEFSSSGLGR.A	19
PLOG+5484	proteomics_log	2465287	2465319	+	1	2	S.MLWKNVDFENR.I	15
PLOG+5485	proteomics_log	2466236	2466307	+	2	2	E.MKISLVVPVFNEEEAIPIFYKTVR.E	28
PLOG+5486	proteomics_log	2466236	2466298	+	2	7	E.MKISLVVPVFNEEEAIPIFYK.T	25
PLOG+5487	proteomics_log	2466242	2466298	+	2	2	K.ISLVVPVFNEEEAIPIFYK.T	23
PLOG+5488	proteomics_log	2466440	2466559	+	2	4	R.NFGKEPALFAGLDHATGDAIIPIDVDLQDPIEVIPLIEK.W	44
PLOG+5489	proteomics_log	2472294	2472335	+	3	8	R.CFIDADNM*RAVSVL.N	19
PLOG+5490	proteomics_log	2472502	2472534	+	1	19	L.MLMVTPFRQQK.R	15
PLOG+5491	proteomics_log	2482164	2482235	+	3	2	R.FVGSLTSDQQKLDLSKQEISVMR.Y	28
PLOG+5492	proteomics_log	2482236	2482277	+	3	2	R.YILDGKDNNDIAEK.M	18
PLOG+5493	proteomics_log	2482344	2482376	+	3	9	K.SLMDLYTFAQR.N	15
PLOG+5494	proteomics_log	2500736	2500846	+	2	4	R.RNDGVIGLYSGDTRGLLRSTAYRYWVISLEPILKST.S	41
PLOG+5495	proteomics_log	2516648	2516734	+	2	5	R.NAERPEGQGEAPALSGDAPLEVLLVTLAK.E	33
PLOG+5496	proteomics_log	2516663	2516734	+	2	2	P.EGQGEAPALSGDAPLEVLLVTLAK.E	28
PLOG+5497	proteomics_log	2527136	2527156	+	2	2	R.YSPARLQ.H	11
PLOG+5498	proteomics_log	2530434	2530511	+	3	5	M.SKIFEDNSLTIGHTPLVRLNRIGNR.I	30
PLOG+5499	proteomics_log	2530434	2530496	+	3	195	M.SKIFEDNSLTIGHTPLVRLNR.I	25
PLOG+5500	proteomics_log	2530434	2530487	+	3	648	M.SKIFEDNSLTIGHTPLVR.L	22
PLOG+5501	proteomics_log	2530440	2530487	+	3	70	K.IFEDNSLTIGHTPLVR.L	20
PLOG+5502	proteomics_log	2530497	2530556	+	3	6	R.IGNGRILAKVESRNPSFSVK.C	24
PLOG+5503	proteomics_log	2530497	2530523	+	3	18	R.IGNGRILAK.V	13
PLOG+5504	proteomics_log	2530512	2530562	+	3	7	R.ILAKVESRNPSFSVKCR.I	21
PLOG+5505	proteomics_log	2530512	2530535	+	3	48	R.ILAKVESR.N	12
PLOG+5506	proteomics_log	2530512	2530556	+	3	227	R.ILAKVESRNPSFSVK.C	19
PLOG+5507	proteomics_log	2530524	2530556	+	3	199	K.VESRNPSFSVK.C	15
PLOG+5508	proteomics_log	2530536	2530556	+	3	46	R.NPSFSVK.C	11
PLOG+5509	proteomics_log	2530563	2530595	+	3	2	R.IGANM*IWDAEK.R	16
PLOG+5510	proteomics_log	2530563	2530598	+	3	6	R.IGANM*IWDAEKR.G	17
PLOG+5511	proteomics_log	2530563	2530682	+	3	10	R.IGANM*IWDAEKRGVLKPGVELVEPTSGNTGIALAYVAAAR.G	45
PLOG+5512	proteomics_log	2530563	2530598	+	3	130	R.IGANMIWDAEKR.G	16
PLOG+5513	proteomics_log	2530563	2530595	+	3	155	R.IGANMIWDAEK.R	15
PLOG+5514	proteomics_log	2530563	2530682	+	3	187	R.IGANMIWDAEKRGVLKPGVELVEPTSGNTGIALAYVAAAR.G	44
PLOG+5515	proteomics_log	2530596	2530682	+	3	98	K.RGVLKPGVELVEPTSGNTGIALAYVAAAR.G	33
PLOG+5516	proteomics_log	2530599	2530682	+	3	485	R.GVLKPGVELVEPTSGNTGIALAYVAAAR.G	32

PLOG+5517	proteomics_log	2530683	2530718	+	3	4	R.GYKLTLMPEM.S	16
PLOG+5518	proteomics_log	2530683	2530736	+	3	7	R.GYKLTLMPEMMSIERRK.L	22
PLOG+5519	proteomics_log	2530683	2530730	+	3	11	R.GYKLTLM*PEM*SIER.R	22
PLOG+5520	proteomics_log	2530683	2530730	+	3	12	R.GYKLTLM*PEMMSIER.R	21
PLOG+5521	proteomics_log	2530683	2530730	+	3	16	R.GYKLTLMPEM*SIER.R	21
PLOG+5522	proteomics_log	2530683	2530733	+	3	69	R.GYKLTLMPEMMSIERR.K	21
PLOG+5523	proteomics_log	2530683	2530730	+	3	535	R.GYKLTLMPEMMSIER.R	20
PLOG+5524	proteomics_log	2530692	2530718	+	3	2	K.LTLM*PEM*.S	15
PLOG+5525	proteomics_log	2530692	2530730	+	3	2	K.LTLM*PEM*SIER.R	19
PLOG+5526	proteomics_log	2530692	2530730	+	3	4	K.LTLM*PEMMSIER.R	18
PLOG+5527	proteomics_log	2530692	2530730	+	3	173	K.LTLMPEMMSIER.R	17
PLOG+5528	proteomics_log	2530731	2530784	+	3	12	R.RKLLKALGANLVLTEGAK.G	22
PLOG+5529	proteomics_log	2530734	2530784	+	3	17	R.KLLKALGANLVLTEGAK.G	21
PLOG+5530	proteomics_log	2530737	2530841	+	3	3	K.LLKALGANLVLTEGAKGMKGAIQKAEIIVASNPEK.Y	39
PLOG+5531	proteomics_log	2530737	2530793	+	3	4	K.LLKALGANLVLTEGAKGMK.G	23
PLOG+5532	proteomics_log	2530737	2530784	+	3	113	K.LLKALGANLVLTEGAK.G	20
PLOG+5533	proteomics_log	2530746	2530841	+	3	5	K.ALGANLVLTEGAKGM*KGAIQKAEIIVASNPEK.Y	37
PLOG+5534	proteomics_log	2530746	2530808	+	3	11	K.ALGANLVLTEGAKGMKGAIQK.A	25
PLOG+5535	proteomics_log	2530746	2530793	+	3	107	K.ALGANLVLTEGAKGMK.G	20
PLOG+5536	proteomics_log	2530746	2530841	+	3	147	K.ALGANLVLTEGAKGMKGAIQKAEIIVASNPEK.Y	36
PLOG+5537	proteomics_log	2530746	2530784	+	3	434	K.ALGANLVLTEGAK.G	17
PLOG+5538	proteomics_log	2530755	2530841	+	3	9	G.ANLVLTEGAKGMKGAIQKAEIIVASNPEK.Y	33
PLOG+5539	proteomics_log	2530785	2530841	+	3	10	K.GM*KGAIQKAEIIVASNPEK.Y	24
PLOG+5540	proteomics_log	2530785	2530895	+	3	28	K.GM*KGAIQKAEIIVASNPEKYLLLQQFSNPANPEIHEK.T	42
PLOG+5541	proteomics_log	2530785	2530895	+	3	102	K.GMKGAIQKAEIIVASNPEKYLLLQQFSNPANPEIHEK.T	41
PLOG+5542	proteomics_log	2530785	2530841	+	3	187	K.GMKGAIQKAEIIVASNPEK.Y	23
PLOG+5543	proteomics_log	2530794	2530895	+	3	202	K.GAIQKAEIIVASNPEKYLLLQQFSNPANPEIHEK.T	38
PLOG+5544	proteomics_log	2530794	2530841	+	3	209	K.GAIQKAEIIVASNPEK.Y	20
PLOG+5545	proteomics_log	2530809	2530895	+	3	124	K.AEEIVASNPEKYLLLQQFSNPANPEIHEK.T	33
PLOG+5546	proteomics_log	2530809	2530841	+	3	145	K.AEEIVASNPEK.Y	15
PLOG+5547	proteomics_log	2530842	2530895	+	3	409	K.YLLLQQFSNPANPEIHEK.T	22
PLOG+5548	proteomics_log	2530845	2530895	+	3	2	Y.LLLQQFSNPANPEIHEK.T	21
PLOG+5549	proteomics_log	2530896	2530991	+	3	93	K.TTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R.Y	36
PLOG+5550	proteomics_log	2530953	2530991	+	3	2	A.GVGTGGTLTGVS.R.Y	17
PLOG+5551	proteomics_log	2531010	2531156	+	3	8	K.GKTDLISVAVEPTDSPVIAQALAGEEIKPGPHKIQQGIGAGFIPANLDL.K.L	53
PLOG+5552	proteomics_log	2531010	2531108	+	3	72	K.GKTDLISVAVEPTDSPVIAQALAGEEIKPGPHK.I	37
PLOG+5553	proteomics_log	2531016	2531156	+	3	2	K.TDLISVAVEPTDSPVIAQALAGEEIKPGPHKIQQGIGAGFIPANLDL.K.L	51
PLOG+5554	proteomics_log	2531109	2531168	+	3	4	K.IQGIGAGFIPANLDLKLVDK.V	24
PLOG+5555	proteomics_log	2531109	2531213	+	3	45	K.IQGIGAGFIPANLDLKLVDKVVIGITNEEAISTARR.L	39
PLOG+5556	proteomics_log	2531109	2531156	+	3	221	K.IQGIGAGFIPANLDL.K.L	20
PLOG+5557	proteomics_log	2531109	2531210	+	3	225	K.IQGIGAGFIPANLDLKLVDKVVIGITNEEAISTAR.R	38
PLOG+5558	proteomics_log	2531157	2531213	+	3	57	K.LVDKVVIGITNEEAISTARR.L	23
PLOG+5559	proteomics_log	2531157	2531210	+	3	517	K.LVDKVVIGITNEEAISTAR.R	22
PLOG+5560	proteomics_log	2531169	2531210	+	3	111	K.VIGITNEEAISTAR.R	18
PLOG+5561	proteomics_log	2531211	2531309	+	3	4	R.RLM*EEEGILAGISSGAAVAAALKLQEDESFTNK.N	38
PLOG+5562	proteomics_log	2531211	2531279	+	3	12	R.RLM*EEEGILAGISSGAAVAAALK.L	28

PLOG+5563	proteomics_log	2531211	2531345	+	3	17	R.RLM*EEEGILAGISSGAAVAAALKLQEDESFTNKNIVVILPSSGER.Y	50
PLOG+5564	proteomics_log	2531211	2531345	+	3	64	R.RLMEEEGILAGISSGAAVAAALKLQEDESFTNKNIVVILPSSGER.Y	49
PLOG+5565	proteomics_log	2531211	2531309	+	3	108	R.RLMEEEGILAGISSGAAVAAALKLQEDESFTNK.N	37
PLOG+5566	proteomics_log	2531211	2531279	+	3	130	R.RLMEEEGILAGISSGAAVAAALK.L	27
PLOG+5567	proteomics_log	2531214	2531309	+	3	7	R.LMEEEGILAGISSGAAVAAALKLQEDESFTNK.N	36
PLOG+5568	proteomics_log	2531214	2531345	+	3	19	R.LM*EEEGILAGISSGAAVAAALKLQEDESFTNKNIVVILPSSGER.Y	49
PLOG+5569	proteomics_log	2531214	2531279	+	3	24	R.LM*EEEGILAGISSGAAVAAALK.L	27
PLOG+5570	proteomics_log	2531214	2531345	+	3	31	R.LMEEEGILAGISSGAAVAAALKLQEDESFTNKNIVVILPSSGER.Y	48
PLOG+5571	proteomics_log	2531214	2531279	+	3	108	R.LMEEEGILAGISSGAAVAAALK.L	26
PLOG+5572	proteomics_log	2531280	2531345	+	3	32	K.LQEDESFTNKNIVVILPSSGER.Y	26
PLOG+5573	proteomics_log	2531280	2531309	+	3	50	K.LQEDESFTNK.N	14
PLOG+5574	proteomics_log	2531310	2531345	+	3	77	K.NIVVILPSSGER.Y	16
PLOG+5575	proteomics_log	2531346	2531384	+	3	12	R.YLSTALFADLFTE.K	17
PLOG+5576	proteomics_log	2531346	2531390	+	3	129	R.YLSTALFADLFTEKE.L	19
PLOG+5577	proteomics_log	2531346	2531387	+	3	248	R.YLSTALFADLFTEK.E	18
PLOG+5578	proteomics_log	2531346	2531399	+	3	708	R.YLSTALFADLFTEKELQQ.-	22
PLOG+5579	proteomics_log	2531786	2531866	+	2	11	T.M*FQQEVTITAPNGLHTRPAAQFVKEAK.G	32
PLOG+5580	proteomics_log	2531786	2531857	+	2	49	T.M*FQQEVTITAPNGLHTRPAAQFVK.E	29
PLOG+5581	proteomics_log	2531786	2531866	+	2	207	T.MFQQEVTITAPNGLHTRPAAQFVKEAK.G	31
PLOG+5582	proteomics_log	2531786	2531857	+	2	352	T.MFQQEVTITAPNGLHTRPAAQFVK.E	28
PLOG+5583	proteomics_log	2531858	2531920	+	2	8	K.EAKGFTSEITVTSNGKSASAK.S	25
PLOG+5584	proteomics_log	2531858	2531905	+	2	11	K.EAKGFTSEITVTSNGK.S	20
PLOG+5585	proteomics_log	2531867	2531920	+	2	186	K.GFTSEITVTSNGKSASAK.S	22
PLOG+5586	proteomics_log	2531867	2531905	+	2	220	K.GFTSEITVTSNGK.S	17
PLOG+5587	proteomics_log	2531921	2532040	+	2	101	K.SLFLKQTLGLTQGTVVITSAEGEDEQKAVEHLVKLMAELE.-	44
PLOG+5588	proteomics_log	2531921	2532022	+	2	213	K.SLFLKQTLGLTQGTVVITSAEGEDEQKAVEHLVK.L	38
PLOG+5589	proteomics_log	2531933	2532040	+	2	42	K.LQTLGLTQGTVVITSAEGEDEQKAVEHLVKLMAELE.-	40
PLOG+5590	proteomics_log	2531933	2532022	+	2	209	K.LQTLGLTQGTVVITSAEGEDEQKAVEHLVK.L	34
PLOG+5591	proteomics_log	2532002	2532040	+	2	2	K.AVEHLVKLMAELE.-	17
PLOG+5592	proteomics_log	2532088	2532174	+	1	4	V.MISGILASPGIAFGKALLLKEDEIVDRK.K	33
PLOG+5593	proteomics_log	2532088	2532171	+	1	13	V.MISGILASPGIAFGKALLLKEDEIVDR.K	32
PLOG+5594	proteomics_log	2532088	2532132	+	1	45	V.M*ISGILASPGIAFGK.A	20
PLOG+5595	proteomics_log	2532088	2532132	+	1	125	V.MISGILASPGIAFGK.A	19
PLOG+5596	proteomics_log	2532133	2532213	+	1	15	K.ALLLKEDEIVDRKKISADQVDQEVER.F	31
PLOG+5597	proteomics_log	2532133	2532177	+	1	48	K.ALLLKEDEIVDRKK.I	19
PLOG+5598	proteomics_log	2532133	2532174	+	1	103	K.ALLLKEDEIVDRK.K	18
PLOG+5599	proteomics_log	2532133	2532171	+	1	215	K.ALLLKEDEIVDR.K	17
PLOG+5600	proteomics_log	2532172	2532228	+	1	2	R.KKISADQVDQEVERFLSGR.A	23
PLOG+5601	proteomics_log	2532172	2532213	+	1	135	R.KKISADQVDQEVER.F	18
PLOG+5602	proteomics_log	2532175	2532228	+	1	6	K.KISADQVDQEVERFLSGR.A	22
PLOG+5603	proteomics_log	2532175	2532213	+	1	130	K.KISADQVDQEVER.F	17
PLOG+5604	proteomics_log	2532178	2532228	+	1	4	K.ISADQVDQEVERFLSGR.A	21
PLOG+5605	proteomics_log	2532178	2532213	+	1	136	K.ISADQVDQEVER.F	16
PLOG+5606	proteomics_log	2532229	2532261	+	1	17	R.AKASAQLETIK.T	15
PLOG+5607	proteomics_log	2532229	2532267	+	1	133	R.AKASAQLETIKTK.A	17
PLOG+5608	proteomics_log	2532235	2532261	+	1	6	K.ASAQLETIK.T	13

PLOG+5609	proteomics_log	2532235	2532267	+	1	181	K.ASAQLETIKTK.A	15
PLOG+5610	proteomics_log	2532268	2532369	+	1	10	K.AGETFGEEKEAIFEGHIMLLEDEELEEQEIILIK.D	38
PLOG+5611	proteomics_log	2532268	2532375	+	1	39	K.AGETFGEEKEAIFEGHIMLLEDEELEEQEIILIKDK.H	40
PLOG+5612	proteomics_log	2532295	2532375	+	1	18	K.EAIFEGHIMLLEDEELEEQEIILIKDK.H	31
PLOG+5613	proteomics_log	2532376	2532459	+	1	2	K.HMTADAAAHEVIEGQASALEELDDEYLK.E	32
PLOG+5614	proteomics_log	2532376	2532465	+	1	47	K.HMTADAAAHEVIEGQASALEELDDEYLKER.A	34
PLOG+5615	proteomics_log	2532496	2532522	+	1	47	R.LLRNILGLK.I	13
PLOG+5616	proteomics_log	2532505	2532612	+	1	6	R.NILGLKIIDLSAIQDEVILVAADLTPSETAQLNLKK.V	40
PLOG+5617	proteomics_log	2532523	2532645	+	1	68	K.IIDLSAIQDEVILVAADLTPSETAQLNLKKVLGFITDAGGR.T	45
PLOG+5618	proteomics_log	2532523	2532609	+	1	81	K.IIDLSAIQDEVILVAADLTPSETAQLNLK.K	33
PLOG+5619	proteomics_log	2532523	2532612	+	1	338	K.IIDLSAIQDEVILVAADLTPSETAQLNLKK.V	34
PLOG+5620	proteomics_log	2532610	2532672	+	1	3	K.KVLGFITDAGGRTSHTSIMAR.S	25
PLOG+5621	proteomics_log	2532610	2532645	+	1	37	K.KVLGFITDAGGR.T	16
PLOG+5622	proteomics_log	2532613	2532672	+	1	2	K.VLGFITDAGGRTSHTSIM*AR.S	25
PLOG+5623	proteomics_log	2532613	2532672	+	1	20	K.VLGFITDAGGRTSHTSIMAR.S	24
PLOG+5624	proteomics_log	2532613	2532645	+	1	48	K.VLGFITDAGGR.T	15
PLOG+5625	proteomics_log	2532646	2532672	+	1	10	R.TSHTSIMAR.S	13
PLOG+5626	proteomics_log	2532673	2532726	+	1	14	R.SLELPAIVGTGTSVTSQVK.N	22
PLOG+5627	proteomics_log	2532673	2532807	+	1	16	R.SLELPAIVGTGTSVTSQVKNDDYLILDVAVNNQVYVNPTEVIDKMR.A	49
PLOG+5628	proteomics_log	2532727	2532801	+	1	4	K.NDDYLILDVAVNNQVYVNPTEVIDK.M	29
PLOG+5629	proteomics_log	2532727	2532807	+	1	4	K.NDDYLILDVAVNNQVYVNPTEVIDKMR.A	31
PLOG+5630	proteomics_log	2532808	2532837	+	1	25	R.AVQEQVASEK.A	14
PLOG+5631	proteomics_log	2532808	2532852	+	1	138	R.AVQEQVASEKAELAK.L	19
PLOG+5632	proteomics_log	2532946	2532975	+	1	26	R.NGAEGVGLYR.T	14
PLOG+5633	proteomics_log	2532976	2533041	+	1	2	R.TEFLFM*DRDALPTEEEQFAAYK.A	27
PLOG+5634	proteomics_log	2532976	2532999	+	1	3	R.TEFLFMDR.D	12
PLOG+5635	proteomics_log	2532976	2533041	+	1	40	R.TEFLFMDRDALPTEEEQFAAYK.A	26
PLOG+5636	proteomics_log	2533000	2533041	+	1	9	R.DALPTEEEQFAAYK.A	18
PLOG+5637	proteomics_log	2533084	2533161	+	1	2	R.TM*DIGGDKELPYMNFPEENPFLGWR.A	31
PLOG+5638	proteomics_log	2533084	2533134	+	1	3	R.TMDIGGDKELPYMNFPE.E	21
PLOG+5639	proteomics_log	2533084	2533161	+	1	156	R.TMDIGGDKELPYMNFPEENPFLGWR.A	30
PLOG+5640	proteomics_log	2533225	2533248	+	1	6	R.ASAFGKLR.I	12
PLOG+5641	proteomics_log	2533249	2533287	+	1	3	R.IM*FPM*IISVEEVR.A	19
PLOG+5642	proteomics_log	2533249	2533287	+	1	5	R.IM*FPMIISVEEVR.A	18
PLOG+5643	proteomics_log	2533249	2533287	+	1	199	R.IMFPMIISVEEVR.A	17
PLOG+5644	proteomics_log	2533288	2533329	+	1	4	R.ALRKEIEIYKQELR.D	18
PLOG+5645	proteomics_log	2533300	2533341	+	1	2	K.EIEIYKQELRDEGK.A	18
PLOG+5646	proteomics_log	2533420	2533464	+	1	2	K.EVDFFSIGTNDLTQY.T	19
PLOG+5647	proteomics_log	2533420	2533545	+	1	9	K.EVDFFSIGTNDLTQYTLAVDRGNDMISHLYQPMSPSVLNLIK.Q	46
PLOG+5648	proteomics_log	2533483	2533545	+	1	2	R.GNDMISHLYQPMSPSVLNLIK.Q	25
PLOG+5649	proteomics_log	2533546	2533578	+	1	16	K.QVIDASHAEGK.W	15
PLOG+5650	proteomics_log	2533618	2533683	+	1	4	R.ATLLLLMGLDEFMSAISIPR.I	26
PLOG+5651	proteomics_log	2533693	2533803	+	1	2	K.IIRNTNFEDAKVLAEQALAQPTTDELM*TLVNFIEEK.T	42
PLOG+5652	proteomics_log	2533693	2533725	+	1	6	K.IIRNTNFEDAK.V	15
PLOG+5653	proteomics_log	2533693	2533803	+	1	12	K.IIRNTNFEDAKVLAEQALAQPTTDELMTLVNFIEEK.T	41
PLOG+5654	proteomics_log	2533702	2533788	+	1	3	R.NTNFEDAKVLAEQALAQPTTDELMTLVNF.F	33

PLOG+5655	proteomics_log	2533702	2533725	+	1	4	R.NTNFEDAK.V	12
PLOG+5656	proteomics_log	2533702	2533803	+	1	134	R.NTNFEDAKVLAEQALAQPTTDELMTLVNKFIEEK.T	38
PLOG+5657	proteomics_log	2533726	2533782	+	1	3	K.VLAEQALAQPTTDELMTLV.N	23
PLOG+5658	proteomics_log	2533726	2533803	+	1	6	K.VLAEQALAQPTTDELM*TLVNKFIEEK.T	31
PLOG+5659	proteomics_log	2533726	2533788	+	1	6	K.VLAEQALAQPTTDELM*TLVNK.F	26
PLOG+5660	proteomics_log	2533726	2533812	+	1	7	K.VLAEQALAQPTTDELMTLVNKFIEEKTIC.-	33
PLOG+5661	proteomics_log	2533726	2533782	+	1	3	K.VLAEQALAQPTTDELM*TLV.N	24
PLOG+5662	proteomics_log	2533726	2533788	+	1	35	K.VLAEQALAQPTTDELMTLVNK.F	25
PLOG+5663	proteomics_log	2533726	2533803	+	1	190	K.VLAEQALAQPTTDELMTLVNKFIEEK.T	30
PLOG+5664	proteomics_log	2533753	2533803	+	1	3	Q.PTTDELMTLVNKFIEEK.T	21
PLOG+5665	proteomics_log	2533859	2533990	+	2	15	M.GLFDKLSLVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	48
PLOG+5666	proteomics_log	2533880	2533981	+	2	2	K.SLVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFA	38
PLOG+5667	proteomics_log	2533880	2533903	+	2	9	K.SLVSDDKK.D	12
PLOG+5668	proteomics_log	2533880	2533990	+	2	361	K.SLVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	41
PLOG+5669	proteomics_log	2533883	2533990	+	2	26	S.LVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	40
PLOG+5670	proteomics_log	2533901	2533990	+	2	3	K.KDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	34
PLOG+5671	proteomics_log	2533904	2533990	+	2	68	K.DTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	33
PLOG+5672	proteomics_log	2533928	2533990	+	2	2	I.APLSGEIVNIEDVPDVVFAEK.I	25
PLOG+5673	proteomics_log	2533934	2533990	+	2	11	P.LSGEIVNIEDVPDVVFAEK.I	23
PLOG+5674	proteomics_log	2533991	2534065	+	2	3	K.IVGDGIAIKPTGNKM*VAPVDGTIGK.I	30
PLOG+5675	proteomics_log	2533991	2534065	+	2	121	K.IVGDGIAIKPTGNKMVAPVDGTIGK.I	29
PLOG+5676	proteomics_log	2533991	2534032	+	2	247	K.IVGDGIAIKPTGNK.M	18
PLOG+5677	proteomics_log	2534033	2534065	+	2	4	K.M*VAPVDGTIGK.I	16
PLOG+5678	proteomics_log	2534033	2534065	+	2	46	K.MVAPVDGTIGK.I	15
PLOG+5679	proteomics_log	2534066	2534173	+	2	11	K.IFETNHAFSIESDSGVELFVHFGIDTVELKGEGFKR.I	40
PLOG+5680	proteomics_log	2534066	2534155	+	2	39	K.IFETNHAFSIESDSGVELFVHFGIDTVELK.G	34
PLOG+5681	proteomics_log	2534105	2534173	+	2	4	D.SGVELFVHFGIDTVELKGEGFKR.I	27
PLOG+5682	proteomics_log	2534123	2534173	+	2	3	F.VHFGIDTVELKGEGFKR.I	21
PLOG+5683	proteomics_log	2534171	2534194	+	2	21	K.RIAEEGQR.V	12
PLOG+5684	proteomics_log	2534174	2534200	+	2	22	R.IAEEGQRVK.V	13
PLOG+5685	proteomics_log	2534174	2534254	+	2	49	R.IAEEGQRVKVGDVIEFDLPLLEEKAK.S	31
PLOG+5686	proteomics_log	2534174	2534248	+	2	78	R.IAEEGQRVKVGDVIEFDLPLLEEK.A	29
PLOG+5687	proteomics_log	2534195	2534311	+	2	44	R.VKVGDVIEFDLPLLEEKAKSTLTPVVISNMDEIKELIK.L	43
PLOG+5688	proteomics_log	2534195	2534254	+	2	271	R.VKVGDVIEFDLPLLEEKAK.S	24
PLOG+5689	proteomics_log	2534195	2534248	+	2	414	R.VKVGDVIEFDLPLLEEK.A	22
PLOG+5690	proteomics_log	2534201	2534311	+	2	13	K.VGDVIEFDLPLLEEKAKSTLTPVVISNMDEIKELIK.L	41
PLOG+5691	proteomics_log	2534201	2534254	+	2	148	K.VGDVIEFDLPLLEEKAK.S	22
PLOG+5692	proteomics_log	2534201	2534248	+	2	364	K.VGDVIEFDLPLLEEK.A	20
PLOG+5693	proteomics_log	2534225	2534311	+	2	26	F.DLPLLEEKAKSTLTPVVISNMDEIKELIK.L	33
PLOG+5694	proteomics_log	2534249	2534353	+	2	3	K.AKSTLTPVVISNM*DEIKELIKLSGSVTVGETPVIR.I	40
PLOG+5695	proteomics_log	2534249	2534311	+	2	11	K.AKSTLTPVVISNM*DEIKELIK.L	26
PLOG+5696	proteomics_log	2534249	2534353	+	2	66	K.AKSTLTPVVISNMDEIKELIKLSGSVTVGETPVIR.I	39
PLOG+5697	proteomics_log	2534249	2534311	+	2	147	K.AKSTLTPVVISNMDEIKELIK.L	25
PLOG+5698	proteomics_log	2534255	2534299	+	2	2	K.STLTPVVISNM*DEIK.E	20
PLOG+5699	proteomics_log	2534255	2534353	+	2	5	K.STLTPVVISNM*DEIKELIKLSGSVTVGETPVIR.I	38
PLOG+5700	proteomics_log	2534255	2534311	+	2	7	K.STLTPVVISNM*DEIKELIK.L	24

PLOG+5701	proteomics_log	2534255	2534299	+	2	25	K.STLTPVVISNMDEIK.E	19
PLOG+5702	proteomics_log	2534255	2534353	+	2	196	K.STLTPVVISNMDEIKELIKLSGSVTVGETPVIR.I	37
PLOG+5703	proteomics_log	2534255	2534311	+	2	238	K.STLTPVVISNMDEIKELIK.L	23
PLOG+5704	proteomics_log	2534264	2534311	+	2	2	L.TPVVISNMDEIKELIK.L	20
PLOG+5705	proteomics_log	2534267	2534311	+	2	4	T.PVVISNMDEIKELIK.L	19
PLOG+5706	proteomics_log	2534312	2534353	+	2	254	K.LSGSVTVGETPVIR.I	18
PLOG+5707	proteomics_log	2543924	2543986	+	2	3	R.VLPDIAAAIDVIHAQVSGGGR.L	25
PLOG+5708	proteomics_log	2544401	2544439	+	2	8	K.LVLNMLSTGLMIK.S	17
PLOG+5709	proteomics_log	2572889	2572924	+	2	3	S.VM*VKPSRSATS.R.A	17
PLOG+5710	proteomics_log	2576688	2576759	+	3	5	P.MNELDGIKQFTTVVADSGDIESIR.H	28
PLOG+5711	proteomics_log	2576760	2576807	+	3	8	R.HYHPQDATTNPSLLLK.A	20
PLOG+5712	proteomics_log	2576808	2576867	+	3	11	K.AAGLSQYEHLIDDAIAWGKK.N	24
PLOG+5713	proteomics_log	2576808	2576864	+	3	18	K.AAGLSQYEHLIDDAIAWGK.K	23
PLOG+5714	proteomics_log	2576913	2576945	+	3	3	K.LAVNFGAEILK.I	15
PLOG+5715	proteomics_log	2576961	2576984	+	3	2	R.VSTEVDAR.L	12
PLOG+5716	proteomics_log	2577018	2577062	+	3	2	K.ARHLVDLYQQQGVEK.S	19
PLOG+5717	proteomics_log	2577024	2577068	+	3	4	R.HLVDLYQQQGVEKSR.I	19
PLOG+5718	proteomics_log	2577024	2577062	+	3	24	R.HLVDLYQQQGVEK.S	17
PLOG+5719	proteomics_log	2577069	2577107	+	3	3	R.ILIKLASTWEGIR.A	17
PLOG+5720	proteomics_log	2577081	2577107	+	3	2	K.LASTWEGIR.A	13
PLOG+5721	proteomics_log	2577180	2577227	+	3	2	R.ACAEAGVFLISPFVGR.I	20
PLOG+5722	proteomics_log	2577180	2577227	+	3	2	R.ACAEAGVFLISPFVGR.I	20
PLOG+5723	proteomics_log	2577252	2577296	+	3	5	R.KPMDPYVVEEDPGVK.S	19
PLOG+5724	proteomics_log	2577408	2577449	+	3	3	R.LTIAPNLLKELQEK.V	18
PLOG+5725	proteomics_log	2577531	2577566	+	3	11	R.WEHNQDAMAVEK.L	16
PLOG+5726	proteomics_log	2577567	2577635	+	3	2	K.LSEGIRLFAVDQRKLEDLLAAKL.-	27
PLOG+5727	proteomics_log	2577585	2577635	+	3	2	R.LFAVDQRKLEDLLAAKL.-	21
PLOG+5728	proteomics_log	2577606	2577632	+	3	9	R.KLEDLLAAK.L	13
PLOG+5729	proteomics_log	2577606	2577635	+	3	58	R.KLEDLLAAKL.-	14
PLOG+5730	proteomics_log	2577661	2577690	+	1	7	M.SRKDLANAIR.A	14
PLOG+5731	proteomics_log	2577670	2577690	+	1	5	K.DLANAIR.A	11
PLOG+5732	proteomics_log	2577691	2577717	+	1	9	R.ALSM*DAVQK.A	14
PLOG+5733	proteomics_log	2577691	2577717	+	1	54	R.ALSMDAVQK.A	13
PLOG+5734	proteomics_log	2577691	2577717	+	1	9	R.ALSM*DAVQK.A	14
PLOG+5735	proteomics_log	2577691	2577717	+	1	54	R.ALSMDAVQK.A	13
PLOG+5736	proteomics_log	2577718	2577792	+	1	13	K.ANSGHPGAPMGADIAEVLWDFLK.H	29
PLOG+5737	proteomics_log	2577832	2577927	+	1	4	R.FILSNHASMLLYSLLHLTGYDLPLEELKNFR.Q	36
PLOG+5738	proteomics_log	2577832	2577918	+	1	20	R.FILSNHASMLLYSLLHLTGYDLPLEELK.N	33
PLOG+5739	proteomics_log	2577943	2578047	+	1	18	K.TPGHPEIGYTPGVETTTGPLGQGLANAVGLAIAER.T	39
PLOG+5740	proteomics_log	2577976	2578047	+	1	12	P.GVETTTGPLGQGLANAVGLAIAER.T	28
PLOG+5741	proteomics_log	2578387	2578476	+	1	9	R.TVIGFGSPNKAGKEEAHGAPLGEEVALAR.Q	34
PLOG+5742	proteomics_log	2578519	2578599	+	1	3	K.EIYHAWDAREKGEKAQQSWNEKFAAYK.K	31
PLOG+5743	proteomics_log	2578600	2578635	+	1	2	K.KAHPQLAEFTR.R	16
PLOG+5744	proteomics_log	2578603	2578635	+	1	8	K.AHPQLAEFTR.R	15
PLOG+5745	proteomics_log	2578639	2578728	+	1	2	R.M*SGGLPKDWEKTTQKYINELQANPAKIATR.K	35
PLOG+5746	proteomics_log	2578672	2578728	+	1	2	K.TTQKYINELQANPAKIATR.K	23

PLOG+5747	proteomics_log	2578672	2578716	+	1	6	K.TTQKYINELQANPAK.I	19
PLOG+5748	proteomics_log	2578684	2578716	+	1	9	K.YINELQANPAK.I	15
PLOG+5749	proteomics_log	2578696	2578716	+	1	17	E.LQANPAK.I	11
PLOG+5750	proteomics_log	2578696	2578716	+	1	17	E.LQANPAK.I	11
PLOG+5751	proteomics_log	2578828	2578884	+	1	2	K.GSVSLKEDPAGNYIHYGVR.E	23
PLOG+5752	proteomics_log	2579182	2579214	+	1	5	R.HNGPTALILSR.Q	15
PLOG+5753	proteomics_log	2579215	2579268	+	1	2	R.QNLAQVERTPDQVKEIAR.G	22
PLOG+5754	proteomics_log	2579239	2579268	+	1	7	R.TPDQVKEIAR.G	14
PLOG+5755	proteomics_log	2579260	2579286	+	1	2	E.IARGGYVLK.D	13
PLOG+5756	proteomics_log	2579260	2579286	+	1	2	E.IARGGYVLK.D	13
PLOG+5757	proteomics_log	2579287	2579382	+	1	3	K.DSGGKPDIIILITGSEMEITLQAAEKLAGEGR.N	36
PLOG+5758	proteomics_log	2579392	2579478	+	1	3	R.VVSLPSTDFDAQDEEYRESVLPNSVAAR.V	33
PLOG+5759	proteomics_log	2579479	2579517	+	1	10	R.VAVEAGIADYWYK.Y	17
PLOG+5760	proteomics_log	2579479	2579517	+	1	10	R.VAVEAGIADYWYK.Y	17
PLOG+5761	proteomics_log	2579533	2579628	+	1	3	K.GAIVGM*TGYESAPADKLFPPFGFTAENIVAK.A	37
PLOG+5762	proteomics_log	2579533	2579628	+	1	25	K.GAIVGMTGYGESAPADKLFPPFGFTAENIVAK.A	36
PLOG+5763	proteomics_log	2586916	2587029	+	1	3	K.SMGQIQGALVGIAMVLSAVFVPMAFFGGTTGAIYRQFS.I	42
PLOG+5764	proteomics_log	2587558	2587599	+	1	5	I.ERATKAFNQIKEAR.V	18
PLOG+5765	proteomics_log	2589353	2589442	+	2	12	R.FHDYRVDGLDSELLNDFINELGWEALLNTR.G	34
PLOG+5766	proteomics_log	2590520	2590612	+	2	3	R.GKLVDAVVNAVEHYNEIKPQLLTTGGTSDGR.F	35
PLOG+5767	proteomics_log	2590526	2590612	+	2	2	K.LVDAVVNAVEHYNEIKPQLLTTGGTSDGR.F	33
PLOG+5768	proteomics_log	2596339	2596425	+	1	4	R.LFQVQQFNRRLLITLRLNRDLITTTILL.V	33
PLOG+5769	proteomics_log	2597931	2598008	+	3	4	L.TLSSQHLYLVITALGADRPQIVNTITR.H	30
PLOG+5770	proteomics_log	2598261	2598314	+	3	2	R.FTALFDAHMHMIAELVSR.T	22
PLOG+5771	proteomics_log	2598500	2598535	+	2	3	V.M*NPLKAGDIAPK.F	17
PLOG+5772	proteomics_log	2598500	2598535	+	2	42	V.MNPLKAGDIAPK.F	16
PLOG+5773	proteomics_log	2598500	2598595	+	2	76	V.MNPLKAGDIAPKFSLPDQDGEQVNLDFQGQR.V	36
PLOG+5774	proteomics_log	2598536	2598595	+	2	246	K.FSLPDQDGEQVNLDFQGQR.V	24
PLOG+5775	proteomics_log	2598596	2598619	+	2	158	R.VLVYFYPK.A	12
PLOG+5776	proteomics_log	2598683	2598739	+	2	4	K.KAGVDVLGISTDKPEKLSR.F	23
PLOG+5777	proteomics_log	2598686	2598730	+	2	44	K.AGVDVLGISTDKPEK.L	19
PLOG+5778	proteomics_log	2598686	2598739	+	2	149	K.AGVDVLGISTDKPEKLSR.F	22
PLOG+5779	proteomics_log	2598740	2598826	+	2	4	R.FAEKELLNFTLLSDEDHQVCEQFGVWGEK.S	33
PLOG+5780	proteomics_log	2598827	2598862	+	2	3	K.SFMGKTYDGIHR.I	16
PLOG+5781	proteomics_log	2598863	2598967	+	2	19	R.ISFLIDADGKIEHVFDFFKTSNHHDVVLNWLKEHA.-	39
PLOG+5782	proteomics_log	2598863	2598919	+	2	51	R.ISFLIDADGKIEHVFDFFK.T	23
PLOG+5783	proteomics_log	2598920	2598967	+	2	14	K.TSNHHDVVLNWLKEHA.-	20
PLOG+5784	proteomics_log	2614197	2614289	+	3	4	A.DSADTLPDM*GTSAGSTLSIGQEM*QM*GDYYVR.Q	38
PLOG+5785	proteomics_log	2614389	2614481	+	3	3	K.TPFHFFLINNDEINAFAPFGGNVVLHLSALFR.Y	35
PLOG+5786	proteomics_log	2614581	2614685	+	3	3	R.SAPLTVWVWALGSILLAMASPQAGMAALTGTLAGTR.Q	39
PLOG+5787	proteomics_log	2614818	2614871	+	3	2	R.YSSRPPEILLTHPLPESR.L	22
PLOG+5788	proteomics_log	2614941	2615033	+	3	2	Y.LAKARTLGMYSNGRNQLTSDLLDEWAKGNVR.Q	35
PLOG+5789	proteomics_log	2615415	2615489	+	3	2	R.AEGYALAGRDLQATISLLSSASSQVK.L	29
PLOG+5790	proteomics_log	2615645	2615737	+	2	3	K.SRETLNLLKENGVEPEVVLYLETPADAATLR.D	35
PLOG+5791	proteomics_log	2615645	2615749	+	2	21	K.SRETLNLLKENGVEPEVVLYLETPADAATLRDLLK.I	39
PLOG+5792	proteomics_log	2615651	2615749	+	2	19	R.ETLNLLKENGVEPEVVLYLETPADAATLRDLLK.I	37

PLOG+5793	proteomics_log	2615786	2615875	+	2	12	R.QKEDLYKELNLADSSSLSEEALIQAMVDNPK.L	34
PLOG+5794	proteomics_log	2615876	2615911	+	2	2	K.LM*ERPIVVANGK.A	17
PLOG+5795	proteomics_log	2615876	2615917	+	2	6	K.LMERPIVVANGKAR.I	18
PLOG+5796	proteomics_log	2615876	2615911	+	2	21	K.LMERPIVVANGK.A	16
PLOG+5797	proteomics_log	2615918	2615956	+	2	2	R.IGRPPEQVLEIVG.-	17
PLOG+5798	proteomics_log	2618319	2618351	+	3	3	N.VSVLVQSLINR.C	15
PLOG+5799	proteomics_log	2619222	2619299	+	3	2	V.TDKTSLSYKDAGVDIDAGNALVGRIK.G	30
PLOG+5800	proteomics_log	2619222	2619293	+	3	190	V.TDKTSLSYKDAGVDIDAGNALVGR.I	28
PLOG+5801	proteomics_log	2619249	2619293	+	3	12	K.DAGVDIDAGNALVGR.I	19
PLOG+5802	proteomics_log	2619261	2619293	+	3	4	V.DIDAGNALVGR.I	15
PLOG+5803	proteomics_log	2619294	2619320	+	3	3	R.IKGVVVKTR.R	13
PLOG+5804	proteomics_log	2619381	2619434	+	3	3	K.YREPVLVSGTDGVTGLR.L	22
PLOG+5805	proteomics_log	2619381	2619428	+	3	10	K.YREPVLVSGTDGVTGL.L	20
PLOG+5806	proteomics_log	2619741	2619812	+	3	10	K.VSDGDVLIALGSSGPHSNGYSLVR.K	28
PLOG+5807	proteomics_log	2619900	2619995	+	3	8	R.IYVKSVELIEKVDVHAIHAHLTGGGFWENIPR.V	36
PLOG+5808	proteomics_log	2619912	2619935	+	3	4	K.SVLELIEK.V	12
PLOG+5809	proteomics_log	2619912	2619995	+	3	135	K.SVLELIEKVDVHAIHAHLTGGGFWENIPR.V	32
PLOG+5810	proteomics_log	2619936	2619995	+	3	21	K.VDVHAIHAHLTGGGFWENIPR.V	24
PLOG+5811	proteomics_log	2620140	2620205	+	3	7	A.LPAPEVDKALALLNANGENAWK.I	26
PLOG+5812	proteomics_log	2620164	2620205	+	3	12	K.ALALLNANGENAWK.I	18
PLOG+5813	proteomics_log	2620349	2620390	+	2	27	R.AVFSNKADAFGLER.A	18
PLOG+5814	proteomics_log	2620397	2620447	+	2	2	R.QAGIATHTLIASAFDSR.E	21
PLOG+5815	proteomics_log	2620448	2620525	+	2	13	R.EAYDRELIHEIDMYAPDVVVLGFMRI	30
PLOG+5816	proteomics_log	2620526	2620564	+	2	8	R.ILSPAFVSHYAGR.L	17
PLOG+5817	proteomics_log	2620565	2620621	+	2	12	R.LLNIHPSLLPKYPGLHTHR.Q	23
PLOG+5818	proteomics_log	2620715	2620759	+	2	27	K.VPVFAGDSEDDITAR.V	19
PLOG+5819	proteomics_log	2620760	2620825	+	2	2	R.VQTQEHAIIPLVISWFADGRLK.M	26
PLOG+5820	proteomics_log	2620760	2620819	+	2	13	R.VQTQEHAIIPLVISWFADGR.L	24
PLOG+5821	proteomics_log	2621753	2621821	+	2	3	R.DAEYDLVHEMEASLMELMSSSLK.Q	27
PLOG+5822	proteomics_log	2622764	2622808	+	2	3	M.CSLIPNLEGISDNIR.A	19
PLOG+5823	proteomics_log	2625422	2625454	+	2	2	L.GHQEKMVVFQR.L	15
PLOG+5824	proteomics_log	2632743	2632814	+	3	3	R.DPSLPVIIYPAAVQGGDAPGQIVR.A	28
PLOG+5825	proteomics_log	2633060	2633134	+	2	2	R.VTAPGAIDPSTAGDGDGLLSRQPHT.S	29
PLOG+5826	proteomics_log	2633295	2633321	+	3	9	R.LNQQNPQPK.I	13
PLOG+5827	proteomics_log	2633409	2633465	+	3	2	R.FGNAVTHLEAVSPLTLAR.G	23
PLOG+5828	proteomics_log	2637453	2637476	+	3	2	T.RAPHSAR.A	12
PLOG+5829	proteomics_log	2643891	2643959	+	3	2	R.MIHAAPDDIKGRSSSGSSGCKRN.L	27
PLOG+5830	proteomics_log	2644991	2645023	+	2	2	S.ERAATGNNPSR.S	15
PLOG+5831	proteomics_log	2648870	2648911	+	2	2	I.FDVEIPHPILIIAR.V	18
PLOG+5832	proteomics_log	2650519	2650596	+	1	89	M.STTWVFGADWLAEHIDDPEIQIIDAR.M	30
PLOG+5833	proteomics_log	2650756	2650824	+	1	2	R.ELGVNQDKHLIVYDEGNLFSAPR.A	27
PLOG+5834	proteomics_log	2650861	2650899	+	1	3	K.VSILGGGLAGWQR.D	17
PLOG+5835	proteomics_log	2650900	2650983	+	1	11	R.DDLLLEEGAVELPEGEFNAAFNPEAVVK.V	32
PLOG+5836	proteomics_log	2650984	2651052	+	1	5	K.VTDVLLASHENTAQIIDARPAAR.F	27
PLOG+5837	proteomics_log	2651053	2651091	+	1	3	R.FNAEVDEPRPGLR.R	17
PLOG+5838	proteomics_log	2651092	2651142	+	1	3	R.RGHIPGALNVPWTELVR.E	21

PLOG+5839	proteomics_log	2651098	2651142	+	1	3	G.HIPGALNVPWTELVR.E	19
PLOG+5840	proteomics_log	2651143	2651193	+	1	2	R.EGELKTTDELDAIFFGR.G	21
PLOG+5841	proteomics_log	2651158	2651193	+	1	2	K.TTDELDAIFFGR.G	16
PLOG+5842	proteomics_log	2658758	2658781	+	2	2	S.RSPSLLLR.C	12
PLOG+5843	proteomics_log	2661503	2661565	+	2	2	R.KAGNLIAKNYETPDAVEASQK.G	25
PLOG+5844	proteomics_log	2661503	2661526	+	2	3	R.KAGNLIAK.N	12
PLOG+5845	proteomics_log	2661503	2661634	+	2	4	R.KAGNLIAKNYETPDAVEASQKGSNDFVTNVDKAAEAVIIDTIRK.S	48
PLOG+5846	proteomics_log	2661527	2661631	+	2	6	K.NYETPDAVEASQKGSNDFVTNVDKAAEAVIIDTIR.K	39
PLOG+5847	proteomics_log	2661527	2661565	+	2	8	K.NYETPDAVEASQK.G	17
PLOG+5848	proteomics_log	2661527	2661634	+	2	16	K.NYETPDAVEASQKGSNDFVTNVDKAAEAVIIDTIRK.S	40
PLOG+5849	proteomics_log	2661566	2661631	+	2	11	K.GSNDFVTNVDKAAEAVIIDTIR.K	26
PLOG+5850	proteomics_log	2661566	2661634	+	2	91	K.GSNDFVTNVDKAAEAVIIDTIRK.S	27
PLOG+5851	proteomics_log	2661599	2661634	+	2	7	K.AAEAVIIDTIRK.S	16
PLOG+5852	proteomics_log	2661782	2661850	+	2	3	R.IKGRTEVAVVYDPMRNEFLTATR.G	27
PLOG+5853	proteomics_log	2661794	2661850	+	2	4	R.TEVAVVYDPMRNEFLTATR.G	23
PLOG+5854	proteomics_log	2661851	2661880	+	2	4	R.GQGAQLNGYR.L	14
PLOG+5855	proteomics_log	2661902	2661985	+	2	10	R.DLDGTILATGFPFKAKQYATTYINIVGK.L	32
PLOG+5856	proteomics_log	2661902	2661943	+	2	15	R.DLDGTILATGFPFK.A	18
PLOG+5857	proteomics_log	2661902	2661949	+	2	34	R.DLDGTILATGFPFKAK.Q	20
PLOG+5858	proteomics_log	2661950	2661985	+	2	16	K.QYATTYINIVGK.L	16
PLOG+5859	proteomics_log	2662016	2662060	+	2	24	R.TGSAALDLAYVAAGR.V	19
PLOG+5860	proteomics_log	2662061	2662126	+	2	59	R.VDGFPEIGLRPWDFAAGELLVR.E	26
PLOG+5861	proteomics_log	2662127	2662216	+	2	3	R.EAGGIVSDFTGGHNYMLTGNIVAGNPRVVK.A	34
PLOG+5862	proteomics_log	2662127	2662207	+	2	52	R.EAGGIVSDFTGGHNYMLTGNIVAGNPR.V	31
PLOG+5863	proteomics_log	2662208	2662264	+	2	3	R.VVKAMLANMRDELSALKR.-	23
PLOG+5864	proteomics_log	2662217	2662264	+	2	213	K.AMLANMRDELSALKR.-	20
PLOG+5865	proteomics_log	2669006	2669095	+	2	8	S.SPCSTLAASFMLPTIVAAMVMRQCQKGIWK.M	34
PLOG+5866	proteomics_log	2670861	2670914	+	3	2	R.TCDPAIFAGGDVAITRLD.N	22
PLOG+5867	proteomics_log	2684004	2684096	+	3	3	R.NGDQREALFNAAAYASNIENLPALLPAVEK.I	35
PLOG+5868	proteomics_log	2684019	2684096	+	3	4	R.EALFNAAAYASNIENLPALLPAVEK.I	30
PLOG+5869	proteomics_log	2684589	2684705	+	3	16	K.LVAPAGDFFMAVADDTPVTLISAGVGGQTPMLAMLDTLAK.A	43
PLOG+5870	proteomics_log	2692039	2692095	+	1	5	V.RKTASANVVVKQDQWVGITK.L	23
PLOG+5871	proteomics_log	2694672	2694713	+	3	2	A.VDAVLPQLKPLFEK.Y	18
PLOG+5872	proteomics_log	2696539	2696562	+	1	3	S.QKTPHDAR.E	12
PLOG+5873	proteomics_log	2708682	2708714	+	3	6	R.HAVEFVASNAR.S	15
PLOG+5874	proteomics_log	2708826	2708882	+	3	2	R.ILHAADATGREVETTLVSK.A	23
PLOG+5875	proteomics_log	2708919	2708972	+	3	2	R.SNAVDLIVSDKIGLPGTR.R	22
PLOG+5876	proteomics_log	2711080	2711130	+	1	3	K.TAAYLLPALQHLLDFPR.K	21
PLOG+5877	proteomics_log	2711152	2711208	+	1	28	R.ILILTPRELAMQVSDHAR.E	23
PLOG+5878	proteomics_log	2711365	2711400	+	1	12	R.AVETLILDEADR.M	16
PLOG+5879	proteomics_log	2711365	2711454	+	1	27	R.AVETLILDEADRMLDMGFAQDIEHIAGETR.W	34
PLOG+5880	proteomics_log	2711401	2711454	+	1	7	R.MLDMGFAQDIEHIAGETR.W	22
PLOG+5881	proteomics_log	2711524	2711568	+	1	6	R.LLEDPVEVSANPSTR.E	19
PLOG+5882	proteomics_log	2711602	2711667	+	1	7	R.ADDLEHKTALLVHLLKQPEATR.S	26
PLOG+5883	proteomics_log	2711812	2711847	+	1	9	R.VNVLVATDVAAR.G	16
PLOG+5884	proteomics_log	2711848	2711898	+	1	5	R.GIDIPDVSHVFNDFMMPR.S	21

PLOG+5885	proteomics_log	2711899	2711922	+	1	22	R.SGDTYLHR.I	12
PLOG+5886	proteomics_log	2711950	2712003	+	1	5	R.KGTAISLVEAHDHLLLGK.V	22
PLOG+5887	proteomics_log	2714779	2714868	+	1	2	M.ANELTWHDLAEKQPPYFLNTLQTVASER.Q	34
PLOG+5888	proteomics_log	2716961	2716999	+	2	22	R.NFAPIFEDVAQER.S	17
PLOG+5889	proteomics_log	2717141	2717173	+	2	2	K.APFDSWLNESL.-	15
PLOG+5890	proteomics_log	2720806	2720877	+	1	2	K.ISQSVDDVDFFYAPADFRETLEK.I	28
PLOG+5891	proteomics_log	2731426	2731479	+	1	2	R.SSNSPRYFAPATSAPISS.A	22
PLOG+5892	proteomics_log	2734504	2734590	+	1	3	R.GLTNMLDDSDALQGFFGVDRSDRDPQHAR.A	33
PLOG+5893	proteomics_log	2734504	2734563	+	1	20	R.GLTNMLDDSDALQGFFGVDR.S	24
PLOG+5894	proteomics_log	2734591	2734623	+	1	12	R.AAFSDFSKLV.R.G	15
PLOG+5895	proteomics_log	2734615	2734665	+	1	2	K.LVRGYPNSQYTTDATKR.L	21
PLOG+5896	proteomics_log	2734615	2734662	+	1	4	K.LVRGYPNSQYTTDATK.R	20
PLOG+5897	proteomics_log	2734624	2734665	+	1	2	R.GYPNSQYTTDATKR.L	18
PLOG+5898	proteomics_log	2734663	2734686	+	1	2	K.RLVFLKDR.L	12
PLOG+5899	proteomics_log	2734732	2734776	+	1	4	R.GAWVAVVNRVEGMLR.D	19
PLOG+5900	proteomics_log	2734837	2734866	+	1	2	R.QMQMNAQAEK.V	14
PLOG+5901	proteomics_log	2734837	2734875	+	1	8	R.QMQMNAQAEKVAK.I	17
PLOG+5902	proteomics_log	2734876	2734902	+	1	71	K.IIAANSSNT.-	13
PLOG+5903	proteomics_log	2735179	2735199	+	1	2	M.TMNITSK.Q	11
PLOG+5904	proteomics_log	2735317	2735424	+	1	3	G.FVADATINTPNGVLVASGKHEDMYTAINELINKLER.Q	40
PLOG+5905	proteomics_log	2735353	2735424	+	1	3	G.VLVASGKHEDMYTAINELINKLER.Q	28
PLOG+5906	proteomics_log	2735359	2735424	+	1	2	L.VASGKHEDMYTAINELINKLER.Q	26
PLOG+5907	proteomics_log	2735362	2735424	+	1	4	V.ASGKHEDMYTAINELINKLER.Q	25
PLOG+5908	proteomics_log	2735374	2735424	+	1	18	K.HEDMYTAINELINKLER.Q	21
PLOG+5909	proteomics_log	2735380	2735424	+	1	13	E.DMYTAINELINKLER.Q	19
PLOG+5910	proteomics_log	2735425	2735460	+	1	12	R.QLNKLQHKGEAR.R	16
PLOG+5911	proteomics_log	2735461	2735514	+	1	9	R.RAATSVKDFVVEVEVEE.-	22
PLOG+5912	proteomics_log	2735482	2735514	+	1	4	K.DANFVVEVEE.-	15
PLOG+5913	proteomics_log	2735770	2735799	+	1	2	M.TSENPLLALR.E	14
PLOG+5914	proteomics_log	2735770	2735853	+	1	7	M.TSENPLLALREKISALDEKLLALLAERR.E	32
PLOG+5915	proteomics_log	2735770	2735850	+	1	13	M.TSENPLLALREKISALDEKLLALLAER.R	31
PLOG+5916	proteomics_log	2735806	2735850	+	1	13	K.ISALDEKLLALLAER.R	19
PLOG+5917	proteomics_log	2735806	2735853	+	1	15	K.ISALDEKLLALLAERR.E	20
PLOG+5918	proteomics_log	2735827	2735850	+	1	8	K.LLALLAER.R	12
PLOG+5919	proteomics_log	2735851	2735883	+	1	2	R.RELAVEVGKAK.L	15
PLOG+5920	proteomics_log	2735854	2735883	+	1	13	R.ELAVEVGKAK.L	14
PLOG+5921	proteomics_log	2735992	2736060	+	1	5	R.LFQLIIEDSVLTQQALLQQHLNK.I	27
PLOG+5922	proteomics_log	2735992	2736081	+	1	15	R.LFQLIIEDSVLTQQALLQQHLNKINPHSAR.I	34
PLOG+5923	proteomics_log	2736082	2736129	+	1	4	R.IAFLGPKGSYSHLAAR.Q	20
PLOG+5924	proteomics_log	2736103	2736129	+	1	2	K.GSYSHLAAR.Q	13
PLOG+5925	proteomics_log	2736502	2736570	+	1	3	K.SPHVAALGSEAGGTLYGLQVLER.I	27
PLOG+5926	proteomics_log	2736622	2736723	+	1	4	R.KAINVSDQVPKTTLLMATGQQAGALVEALLVLR.N	38
PLOG+5927	proteomics_log	2736658	2736723	+	1	6	K.TTLLMATGQQAGALVEALLVLR.N	26
PLOG+5928	proteomics_log	2736838	2736867	+	1	7	K.ALKELGEITR.S	14
PLOG+5929	proteomics_log	2741014	2741085	+	1	2	R.NFSRRVSEERIAEFHRFALDFNSL.L	28
PLOG+5930	proteomics_log	2741878	2741907	+	1	10	K.LASTGLTHAR.M	14

PLOG+5931	proteomics_log	2747918	2747974	+	2	2	R.TVNGVILEALEEIPVAGTR.V	23
PLOG+5932	proteomics_log	2758306	2758407	+	1	2	R.NRDKANELIRILISQNKIFISSWGKTKIINITHC.V	38
PLOG+5933	proteomics_log	2766167	2766241	+	2	3	R.HKM*LFVISQSDKAEPTSGGNILSTE.Q	30
PLOG+5934	proteomics_log	2776324	2776398	+	1	2	D.EITVTIHFHPVIIDKFFAHSRLQPR.L	29
PLOG+5935	proteomics_log	2779405	2779533	+	1	5	R.LLVNPM*CNTAGIDNQRASGANIAANCRTIFLNLPAPGGYNCC.V	48
PLOG+5936	proteomics_log	2789295	2789324	+	3	11	A.MKLNDSNLF.R.Q	14
PLOG+5937	proteomics_log	2789511	2789570	+	3	11	R.ATILRNWFNLMMEHQDDLAR.L	24
PLOG+5938	proteomics_log	2789526	2789570	+	3	8	R.NWFNLMMEHQDDLAR.L	19
PLOG+5939	proteomics_log	2789571	2789669	+	3	5	R.LMTLEQGKPLAEAKGEISYAASFIEWFAEEGKR.I	37
PLOG+5940	proteomics_log	2789571	2789612	+	3	18	R.LMTLEQGKPLAEAK.G	18
PLOG+5941	proteomics_log	2789613	2789669	+	3	8	K.GEISYAASFIEWFAEEGKR.I	23
PLOG+5942	proteomics_log	2789670	2789711	+	3	2	R.IYGDITIPGHQADKR.L	18
PLOG+5943	proteomics_log	2789712	2789789	+	3	41	R.LIVIKQPIGVTAITPWNFPAAMITR.K	30
PLOG+5944	proteomics_log	2789727	2789789	+	3	2	K.QPIGVTAITPWNFPAAMITR.K	25
PLOG+5945	proteomics_log	2789889	2789975	+	3	51	R.AGVPAGVFNVVTGSAGAVGNELTSNPLVR.K	33
PLOG+5946	proteomics_log	2789976	2790011	+	3	17	R.KLSFTGSTEIGR.Q	16
PLOG+5947	proteomics_log	2790045	2790143	+	3	2	K.KVSLELGGNAPFIVFDDADLDKAVEGALASKFR.N	37
PLOG+5948	proteomics_log	2790045	2790137	+	3	18	K.KVSLELGGNAPFIVFDDADLDKAVEGALASK.F	35
PLOG+5949	proteomics_log	2790048	2790143	+	3	3	K.VSLELGGNAPFIVFDDADLDKAVEGALASKFR.N	36
PLOG+5950	proteomics_log	2790048	2790137	+	3	6	K.VSLELGGNAPFIVFDDADLDKAVEGALASK.F	34
PLOG+5951	proteomics_log	2790240	2790299	+	3	2	K.LHIGDGLDNGVTIGPLIDEK.A	24
PLOG+5952	proteomics_log	2790300	2790344	+	3	4	K.AVAKVEEHIADALEK.G	19
PLOG+5953	proteomics_log	2790300	2790353	+	3	6	K.AVAKVEEHIADALEKGR.V	22
PLOG+5954	proteomics_log	2790312	2790344	+	3	11	K.VEEHIADALEK.G	15
PLOG+5955	proteomics_log	2790384	2790437	+	3	26	R.GGNFFQPTILVDVPANAK.V	22
PLOG+5956	proteomics_log	2790438	2790482	+	3	26	K.VSKEETFGPLAPLFR.F	19
PLOG+5957	proteomics_log	2790570	2790662	+	3	5	R.VFRVGEALEYGIVGINTGIISNEVAPFGGIK.A	35
PLOG+5958	proteomics_log	2790757	2790786	+	1	29	R.MNSNKELMQR.R	14
PLOG+5959	proteomics_log	2790787	2790807	+	1	3	R.RSQAIPIR.G	11
PLOG+5960	proteomics_log	2790808	2790843	+	1	6	R.GVGQIHPIFADR.A	16
PLOG+5961	proteomics_log	2791066	2791116	+	1	18	K.KTLLVTTGSEAVENAVK.I	21
PLOG+5962	proteomics_log	2791066	2791125	+	1	27	K.KTLLVTTGSEAVENAVKIAR.A	24
PLOG+5963	proteomics_log	2791069	2791116	+	1	5	K.TLLVTTGSEAVENAVK.I	20
PLOG+5964	proteomics_log	2791141	2791179	+	1	4	R.SGTIAFSGAYHGR.T	17
PLOG+5965	proteomics_log	2791180	2791260	+	1	2	R.THYTLALTGKVNYPYSAGMGLMPGHVYR.A	31
PLOG+5966	proteomics_log	2791180	2791260	+	1	2	R.THYTLALTGKVNYPYSAGM*GLM*PGHVYR.A	33
PLOG+5967	proteomics_log	2791324	2791428	+	1	4	R.IFKNDAAPEDIAAIVIEPVQGEFGFYASSPAMQR.L	39
PLOG+5968	proteomics_log	2791498	2791560	+	1	10	R.TGTLFAMEQMGVAPDLTTFAK.S	25
PLOG+5969	proteomics_log	2791561	2791602	+	1	60	K.SIAGGFPLAGVTGR.A	18
PLOG+5970	proteomics_log	2791696	2791803	+	1	2	K.VFEQENLLQKANDLGQKLDGLLAI AEKHPEIGDVR.G	40
PLOG+5971	proteomics_log	2791696	2791725	+	1	8	K.VFEQENLLQK.A	14
PLOG+5972	proteomics_log	2791726	2791803	+	1	3	K.ANDLGQKLDGLLAI AEKHPEIGDVR.G	30
PLOG+5973	proteomics_log	2791747	2791803	+	1	4	K.LKDGLLAI AEKHPEIGDVR.G	23
PLOG+5974	proteomics_log	2791804	2791869	+	1	2	R.GLGAMIAIELFEDGDHNKPKDAK.L	26
PLOG+5975	proteomics_log	2791951	2791989	+	1	23	R.ILVPLTIEDAQIR.Q	17
PLOG+5976	proteomics_log	2798168	2798266	+	2	17	H.M*FNRPNRNDVDDGVQDIQNDVNQLADSLESVLK.S	38

PLOG+5977	proteomics_log	2798168	2798266	+	2	28	H.MFNRPNRNDVDDGVQDIQNDVNQLADSLESVLK.S	37
PLOG+5978	proteomics_log	2798189	2798266	+	2	22	R.NDVDDGVQDIQNDVNQLADSLESVLK.S	30
PLOG+5979	proteomics_log	2798234	2798266	+	2	2	N.QLADSLESVLK.S	15
PLOG+5980	proteomics_log	2798267	2798308	+	2	3	K.SWGSDAKGEAEAAAR.S	18
PLOG+5981	proteomics_log	2798309	2798341	+	2	44	R.SKAQALLKETR.A	15
PLOG+5982	proteomics_log	2798315	2798341	+	2	10	K.AQALLKETR.A	13
PLOG+5983	proteomics_log	2798937	2798957	+	3	2	F.RPDMINR.L	11
PLOG+5984	proteomics_log	2799733	2799837	+	1	6	R.YLEDFADRVTMVALTLAQGDETLALQLTDEMLSGR.F	39
PLOG+5985	proteomics_log	2803065	2803139	+	3	3	R.LIEPTRGQVLIDGVDIKISDAELR.E	29
PLOG+5986	proteomics_log	2803368	2803436	+	3	4	R.ALAINPDILLM*DEAFSALDPLIR.T	28
PLOG+5987	proteomics_log	2803368	2803475	+	3	9	R.ALAINPDILLMDEAFSALDPLIRTEMQDELVKLQAK.H	40
PLOG+5988	proteomics_log	2803368	2803436	+	3	91	R.ALAINPDILLMDEAFSALDPLIR.T	27
PLOG+5989	proteomics_log	2803485	2803526	+	3	23	R.TIVFISHDLDEAMR.I	18
PLOG+5990	proteomics_log	2803539	2803622	+	3	2	R.IAIM*QNGEVVQVGTPEILNPNANDYVR.T	33
PLOG+5991	proteomics_log	2803623	2803679	+	3	8	R.TFFRGVDISQVFSAKDIAR.R	23
PLOG+5992	proteomics_log	2803635	2803667	+	3	2	R.GVDISQVFSAK.D	15
PLOG+5993	proteomics_log	2803635	2803679	+	3	3	R.GVDISQVFSAKDIAR.R	19
PLOG+5994	proteomics_log	2803785	2803826	+	3	2	R.GNKFVGAVSIDSJK.T	18
PLOG+5995	proteomics_log	2804007	2804036	+	3	4	R.ALDREGVNNG.-	14
PLOG+5996	proteomics_log	2805217	2805303	+	1	96	A.ADLPGKGITVNPVQSTITEETFQTLVSR.A	33
PLOG+5997	proteomics_log	2805235	2805303	+	1	15	K.GITVNPVQSTITEETFQTLVSR.A	27
PLOG+5998	proteomics_log	2805538	2805570	+	1	3	K.ITNIAQLKDPK.I	15
PLOG+5999	proteomics_log	2805976	2806044	+	1	2	K.LFAIMQLPVADINAQNAIMHDGK.A	27
PLOG+6000	proteomics_log	2806090	2806143	+	1	19	K.AHQQQFDGWVNEALAAQK.-	22
PLOG+6001	proteomics_log	2808792	2808830	+	3	84	Q.MDSSFTPIEQMLK.F	17
PLOG+6002	proteomics_log	2808837	2808884	+	3	59	R.ASRHEDFPYQEILLTR.L	20
PLOG+6003	proteomics_log	2808846	2808884	+	3	23	R.HEDFPYQEILLTR.L	17
PLOG+6004	proteomics_log	2809062	2809085	+	3	13	R.IADELEKR.G	12
PLOG+6005	proteomics_log	2809260	2809319	+	3	3	R.KLLSRLDQMEQDGVVLEAMS.-	24
PLOG+6006	proteomics_log	2809263	2809319	+	3	2	K.LLSRLDQMEQDGVVLEAMS.-	23
PLOG+6007	proteomics_log	2809275	2809319	+	3	2	R.LDQM*EQDGVVLEAMS.-	20
PLOG+6008	proteomics_log	2809275	2809319	+	3	3	R.LDQMEQDGVVLEAM*S.-	20
PLOG+6009	proteomics_log	2809275	2809319	+	3	2	R.LDQM*EQDGVVLEAM*S.-	21
PLOG+6010	proteomics_log	2810529	2810558	+	3	5	R.STPVAVSTAR.E	14
PLOG+6011	proteomics_log	2810529	2810618	+	3	8	R.STPVAVSTAREISLAPVNKLIDDIVKANAG.-	34
PLOG+6012	proteomics_log	2810559	2810618	+	3	5	R.EISLAPVNKLIDDIVKANAG.-	24
PLOG+6013	proteomics_log	2815153	2815182	+	1	3	V.IPGAPAMPQR.W	14
PLOG+6014	proteomics_log	2818015	2818050	+	1	9	S.AAGVSTATQLGR.E	16
PLOG+6015	proteomics_log	2824364	2824396	+	2	2	K.KMGIQLEQKVH.L	15
PLOG+6016	proteomics_log	2828057	2828104	+	2	2	V.HPAEALHGDLMIESR.D	20
PLOG+6017	proteomics_log	2828516	2828593	+	2	3	R.TGLGLVAVCDAQQQVQVFTDGLRR.W	30
PLOG+6018	proteomics_log	2828594	2828677	+	2	5	R.WLVGGGALTTPVNEAMTVGGTTLQSQR.A	32
PLOG+6019	proteomics_log	2833315	2833368	+	1	6	E.IM*RQTCTQQTVM*NNPAAK.Y	24
PLOG+6020	proteomics_log	2835888	2835935	+	3	3	K.PFITADSTIRADVSAR.C	20
PLOG+6021	proteomics_log	2847784	2847810	+	1	3	G.RAGDASLNR.R	13
PLOG+6022	proteomics_log	2848841	2848864	+	2	2	R.KVVNCTSK.N	12

PLOG+6023	proteomics_log	2849329	2849403	+	1	10	R.KQLVLNLVSSPGSGKTTLLTETLMR.L	29
PLOG+6024	proteomics_log	2849404	2849469	+	1	7	R.LKDSVPCAVIEGDQQTVNDAAR.I	26
PLOG+6025	proteomics_log	2851606	2851638	+	1	2	K.AVVTSMETAR.A	15
PLOG+6026	proteomics_log	2853851	2853871	+	2	2	L.QEQEFER.L	11
PLOG+6027	proteomics_log	2855775	2855810	+	3	2	R.DLVGFGVENAPR.G	16
PLOG+6028	proteomics_log	2856000	2856038	+	3	5	L.DCTVTPM*GSRM*LK.R	19
PLOG+6029	proteomics_log	2857083	2857115	+	3	3	R.VGAADDLASGR.S	15
PLOG+6030	proteomics_log	2878146	2878214	+	3	12	P.KPKIEWNTNLKLFNLFNFDCR.N	27
PLOG+6031	proteomics_log	2887567	2887614	+	1	6	A.GTRQQM*LRNLLRPLVR.F	21
PLOG+6032	proteomics_log	2889138	2889215	+	3	2	V.NFDMANVFRVTPGNFLVNREASHQR.R	30
PLOG+6033	proteomics_log	2889397	2889441	+	1	2	P.SSASLLSKSFPDWQK.N	19
PLOG+6034	proteomics_log	2896205	2896279	+	2	2	F.LFRLTVNDVVIVDEVHVAVLIAMR.G	29
PLOG+6035	proteomics_log	2900959	2901036	+	1	3	R.SILESVALTLKNNYDNMCNEM*NHFAK.H	31
PLOG+6036	proteomics_log	2909976	2910077	+	3	2	R.LIKLRLQEVHHLIETDIPATNRRQQLVDIIEVVT.R	38
PLOG+6037	proteomics_log	2910556	2910576	+	1	2	I.RSSCPER.A	11
PLOG+6038	proteomics_log	2919092	2919172	+	2	3	-.M*QNTITIDSNMPITIGVLRAM*FSDPVR.R	33
PLOG+6039	proteomics_log	2924603	2924677	+	2	2	R.ALQANLFAVLRDILFVYGGQIHNTVR.F	29
PLOG+6040	proteomics_log	2924678	2924740	+	2	4	R.FPNLNLDNSVHITNLVFSILR.N	25
PLOG+6041	proteomics_log	2924915	2924944	+	2	3	K.GAAVGHQAQR.Y	14
PLOG+6042	proteomics_log	2925071	2925199	+	2	8	R.IAHGIIIFPGGVGTAEELLYLLGILMNPANKDQVPLPLTGPKE	47
PLOG+6043	proteomics_log	2925278	2925310	+	2	2	R.IIIDDAAEVAR.Q	15
PLOG+6044	proteomics_log	2925497	2925547	+	2	4	R.AFSGIVAGNVKEVGIR.A	21
PLOG+6045	proteomics_log	2926251	2926295	+	3	2	-.METTQTSTIASKDSR.S	19
PLOG+6046	proteomics_log	2929080	2929121	+	3	12	V.AVHLLIVDALNLIR.R	18
PLOG+6047	proteomics_log	2937501	2937530	+	3	2	R.DLNELQTQGK.I	14
PLOG+6048	proteomics_log	2942831	2942869	+	2	5	R.GLLAVLLTAVEGK.T	17
PLOG+6049	proteomics_log	2942870	2942929	+	2	3	K.TAAELQAQSPLALFDELGLR.A	24
PLOG+6050	proteomics_log	2942951	2942998	+	2	3	R.SQGLNALSEAIIAATK.Q	20
PLOG+6051	proteomics_log	2942951	2943004	+	2	4	R.SQGLNALSEAIIAATKQV.-	22
PLOG+6052	proteomics_log	2947726	2947752	+	1	11	R.RIDEDAIHR.Q	13
PLOG+6053	proteomics_log	2947729	2947752	+	1	2	R.IDEDAIHR.Q	12
PLOG+6054	proteomics_log	2947963	2948010	+	1	11	R.VEAQEEKGDYNSGTVR.F	20
PLOG+6055	proteomics_log	2948020	2948112	+	1	14	R.GAVKACRSGVRRCHLISYQEDGALLQELFSR.D	35
PLOG+6056	proteomics_log	2948113	2948160	+	1	2	R.DGIGTQIVM*ESAEQIR.R	21
PLOG+6057	proteomics_log	2948161	2948238	+	1	2	R.RATINDIGGILELIRPLEQQGILVRR.S	30
PLOG+6058	proteomics_log	2948161	2948235	+	1	10	R.RATINDIGGILELIRPLEQQGILVR.R	29
PLOG+6059	proteomics_log	2948164	2948238	+	1	4	R.ATINDIGGILELIRPLEQQGILVRR.S	29
PLOG+6060	proteomics_log	2948164	2948235	+	1	73	R.ATINDIGGILELIRPLEQQGILVR.R	28
PLOG+6061	proteomics_log	2948239	2948289	+	1	6	R.SREQLEMEIDKFTIIQR.D	21
PLOG+6062	proteomics_log	2948383	2948415	+	1	2	R.SSSRGEVLLER.I	15
PLOG+6063	proteomics_log	2948416	2948451	+	1	3	R.IAAQAKQSGLSK.L	16
PLOG+6064	proteomics_log	2948473	2948496	+	1	2	R.SIHWFQER.G	12
PLOG+6065	proteomics_log	2948497	2948538	+	1	29	R.GFTPVVIDILLPESK.K	18
PLOG+6066	proteomics_log	2952029	2952070	+	2	2	A.DISARSIGITPRLR.Q	18
PLOG+6067	proteomics_log	2963328	2963351	+	3	3	E.KLNNDAKR.A	12
PLOG+6068	proteomics_log	2969482	2969508	+	1	2	R.DDVSQIIER.-	13

PLOG+6069	proteomics_log	2970048	2970125	+	3	33	K.LGYSWTD SAPAVSLLDTL DALAEYQR.A	30
PLOG+6070	proteomics_log	2970219	2970257	+	3	15	R.IVTIQNPYSLLNR.S	17
PLOG+6071	proteomics_log	2970465	2970509	+	3	2	R.RHGLDPAQMALAFVR.R	19
PLOG+6072	proteomics_log	2970468	2970509	+	3	6	R.HGLDPAQMALAFVR.R	18
PLOG+6073	proteomics_log	2975599	2975649	+	1	2	R.HSVSTPSLEASHHATSD.-	21
PLOG+6074	proteomics_log	3010299	3010367	+	3	2	K.VEAAASFARSRAGREALITVLSK.A	27
PLOG+6075	proteomics_log	3016293	3016376	+	3	2	L.NNPERFDADGTLTLRVMSLGEPEDEKGR.R	32
PLOG+6076	proteomics_log	3029881	3029910	+	1	16	Q.VGIDWAAGGK.G	14
PLOG+6077	proteomics_log	3038117	3038209	+	2	4	K.IVALYGLGDQLGYGEWFLDALGMLHDKLSTK.G	35
PLOG+6078	proteomics_log	3039383	3039451	+	2	44	R.LPLTMTLDDWALATITGADSEK.Y	27
PLOG+6079	proteomics_log	3039557	3039595	+	2	8	R.LFRDGDGFAWIER.R	17
PLOG+6080	proteomics_log	3039557	3039598	+	2	87	R.LFRDGDGFAWIERR.S	18
PLOG+6081	proteomics_log	3039599	3039652	+	2	4	R.SVREPQLTELKKYAVFSK.V	22
PLOG+6082	proteomics_log	3039599	3039634	+	2	72	R.SVREPQLTELKK.Y	16
PLOG+6083	proteomics_log	3039653	3039679	+	2	6	K.VTIAPDDER.V	13
PLOG+6084	proteomics_log	3039680	3039712	+	2	80	R.VLLGVAGFQAR.A	15
PLOG+6085	proteomics_log	3039713	3039751	+	2	3	R.AALANLFSSELPSEK.E	17
PLOG+6086	proteomics_log	3039713	3039757	+	2	17	R.AALANLFSSELPSEK.Q	19
PLOG+6087	proteomics_log	3039713	3039814	+	2	20	R.AALANLFSSELPSEKQVVKEGATLLWFEHPAER.F	38
PLOG+6088	proteomics_log	3039758	3039814	+	2	6	K.QVVKEGATLLWFEHPAER.F	23
PLOG+6089	proteomics_log	3040073	3040159	+	2	2	R.ALWLLAGSASRLPEAGEDLELKMGENWRR.T	33
PLOG+6090	proteomics_log	3040073	3040138	+	2	4	R.ALWLLAGSASRLPEAGEDLELK.M	26
PLOG+6091	proteomics_log	3040073	3040105	+	2	20	R.ALWLLAGSASR.L	15
PLOG+6092	proteomics_log	3040106	3040138	+	2	18	R.LPEAGEDLELK.M	15
PLOG+6093	proteomics_log	3040256	3040312	+	2	7	R.VRDDANTLHIEPLPYSLEE.-	23
PLOG+6094	proteomics_log	3040262	3040312	+	2	3	R.DDANTLHIEPLPYSLEE.-	21
PLOG+6095	proteomics_log	3053637	3053672	+	3	24	M.SAQPVDIQIFGR.S	16
PLOG+6096	proteomics_log	3053706	3053744	+	3	7	R.DALNQAADDLNQR.L	17
PLOG+6097	proteomics_log	3053841	3053879	+	3	5	K.AKTRDYAASM*EQR.I	18
PLOG+6098	proteomics_log	3053853	3053879	+	3	3	R.DYAASM*EQR.I	14
PLOG+6099	proteomics_log	3053886	3053942	+	3	2	R.MLQQTIEQALLEQGRITEK.T	23
PLOG+6100	proteomics_log	3053886	3053930	+	3	9	R.MLQQTIEQALLEQGR.I	19
PLOG+6101	proteomics_log	3053886	3053960	+	3	35	R.MLQQTIEQALLEQGRITEKTNQNF.-	29
PLOG+6102	proteomics_log	3057889	3057933	+	1	4	R.IKQLENMFGQPLLVR.T	19
PLOG+6103	proteomics_log	3058615	3058665	+	1	3	R.KVTDALLDYGHKVLQRD.-	21
PLOG+6104	proteomics_log	3058615	3058650	+	1	5	R.KVTDALLDYGHK.V	16
PLOG+6105	proteomics_log	3061510	3061611	+	1	5	M.VDCFISLQIAGGGDDLQGIKKGLM*EVADLIVINK.D	39
PLOG+6106	proteomics_log	3071340	3071399	+	3	2	P.GCEKSTFLAPAAICASPCSR.E	24
PLOG+6107	proteomics_log	3080148	3080225	+	3	3	K.RLTIANALGNNINGQPVNYKVYMAK.D	30
PLOG+6108	proteomics_log	3080265	3080357	+	3	3	R.VYSGLMDMMTDNEVEAVIGHMGHVALGHVK.K	35
PLOG+6109	proteomics_log	3080397	3080495	+	3	2	R.VAAASAGGIVGSLSQLGNLGEKLVNSQFSQR.Q	37
PLOG+6110	proteomics_log	3080397	3080468	+	3	2	R.VAAASAGGIVGSLSQLGNLGEK.L	28
PLOG+6111	proteomics_log	3080496	3080537	+	3	2	R.QEAEADDYSYDLLR.Q	18
PLOG+6112	proteomics_log	3080544	3080582	+	3	2	R.GISPAGLATSFEK.L	17
PLOG+6113	proteomics_log	3080592	3080648	+	3	2	K.LEEGRQSSMFDDHPASAER.A	23
PLOG+6114	proteomics_log	3084731	3084844	+	2	97	M.AKHLFTSESVSEGHDPKIDQISDAVLDAILEQDPKAR.V	42

PLOG+6115	proteomics_log	3084731	3084838	+	2	165	M.AKHLFTSESVSEGHDPDKIADQISDAVLDAILEQDPK.A	40
PLOG+6116	proteomics_log	3084737	3084838	+	2	6	K.HLFTSESVSEGHDPDKIADQISDAVLDAILEQDPK.A	38
PLOG+6117	proteomics_log	3084746	3084838	+	2	2	F.TSESVSEGHDPDKIADQISDAVLDAILEQDPK.A	35
PLOG+6118	proteomics_log	3084782	3084838	+	2	14	K.IADQISDAVLDAILEQDPK.A	23
PLOG+6119	proteomics_log	3084788	3084838	+	2	2	A.DQISDAVLDAILEQDPK.A	21
PLOG+6120	proteomics_log	3084794	3084838	+	2	2	Q.ISDAVLDAILEQDPK.A	19
PLOG+6121	proteomics_log	3084845	3084868	+	2	3	R.VACETYVK.T	12
PLOG+6122	proteomics_log	3084869	3084937	+	2	5	K.TGMVLVGGEITTSAWVDIEEITR.N	27
PLOG+6123	proteomics_log	3085022	3085054	+	2	9	K.QSPDINQGVDR.A	15
PLOG+6124	proteomics_log	3085055	3085126	+	2	2	R.ADPLEQGAGDQGLMFGYATNETDV.L	28
PLOG+6125	proteomics_log	3085055	3085156	+	2	2	R.ADPLEQGAGDQGLM*FGYATNETDVLMPAPITYAH.R	40
PLOG+6126	proteomics_log	3085055	3085159	+	2	20	R.ADPLEQGAGDQGLMFGYATNETDVLMPAPITYAHR.L	39
PLOG+6127	proteomics_log	3085187	3085225	+	2	32	R.KNGTLPWLRPDAK.S	17
PLOG+6128	proteomics_log	3085190	3085225	+	2	2	K.NGTLPWLRPDAK.S	16
PLOG+6129	proteomics_log	3085226	3085318	+	2	18	K.SQVTFQYDDGKIVGIDAVVLSTQHSEEIDQK.S	35
PLOG+6130	proteomics_log	3085319	3085396	+	2	2	K.SLQEAVM*EEIIPILPAEWLTSATKF.F	31
PLOG+6131	proteomics_log	3085319	3085417	+	2	4	K.SLQEAVM*EEIIPILPAEWLTSATKFFINPTGR.F	38
PLOG+6132	proteomics_log	3085319	3085393	+	2	8	K.SLQEAVM*EEIIPILPAEWLTSATK.F	30
PLOG+6133	proteomics_log	3085319	3085396	+	2	60	K.SLQEAVMEEIIPILPAEWLTSATKF.F	30
PLOG+6134	proteomics_log	3085319	3085417	+	2	246	K.SLQEAVMEEIIPILPAEWLTSATKFFINPTGR.F	37
PLOG+6135	proteomics_log	3085319	3085393	+	2	305	K.SLQEAVMEEIIPILPAEWLTSATK.F	29
PLOG+6136	proteomics_log	3085352	3085417	+	2	191	I.KPILPAEWLTSATKFFINPTGR.F	26
PLOG+6137	proteomics_log	3085394	3085465	+	2	2	K.FFINPTGRFVIGGPMGDCGLTGRK.I	28
PLOG+6138	proteomics_log	3085394	3085462	+	2	9	K.FFINPTGRFVIGGPMGDCGLTGRK.K	27
PLOG+6139	proteomics_log	3085394	3085417	+	2	48	K.FFINPTGR.F	12
PLOG+6140	proteomics_log	3085418	3085498	+	2	2	R.FVIGGPMGDCGLTGRKIIVDTYGGMAR.H	31
PLOG+6141	proteomics_log	3085418	3085462	+	2	11	R.FVIGGPMGDCGLTGRK	19
PLOG+6142	proteomics_log	3085463	3085498	+	2	13	R.KIIVDTYGGM*AR.H	17
PLOG+6143	proteomics_log	3085463	3085498	+	2	44	R.KIIVDTYGGMAR.H	16
PLOG+6144	proteomics_log	3085466	3085498	+	2	4	K.IIVDTYGGM*AR.H	16
PLOG+6145	proteomics_log	3085466	3085498	+	2	90	K.IIVDTYGGMAR.H	15
PLOG+6146	proteomics_log	3085499	3085537	+	2	37	R.HGGGAFSGKDPSK.V	17
PLOG+6147	proteomics_log	3085499	3085546	+	2	261	R.HGGGAFSGKDPSKVDR.S	20
PLOG+6148	proteomics_log	3085547	3085567	+	2	3	R.SAAYAAR.Y	11
PLOG+6149	proteomics_log	3085568	3085609	+	2	18	R.YVAKNIVAAGLADR.C	18
PLOG+6150	proteomics_log	3085580	3085609	+	2	36	K.NIVAAGLADR.C	14
PLOG+6151	proteomics_log	3085721	3085816	+	2	17	R.EFFDLRPYGLIQMLDLLHPIYKETAAYGHFGR.E	36
PLOG+6152	proteomics_log	3085721	3085786	+	2	48	R.EFFDLRPYGLIQMLDLLHPIYK.E	26
PLOG+6153	proteomics_log	3085838	3085879	+	2	10	K.TDKAQLLRDAAGLK.-	18
PLOG+6154	proteomics_log	3085847	3085879	+	2	5	K.AQLLRDAAGLK.-	15
PLOG+6155	proteomics_log	3088447	3088479	+	1	5	N.SFSQAKAAAVK.V	15
PLOG+6156	proteomics_log	3089726	3089782	+	2	35	R.LLIGPEGGLSADEIAMTAR.Y	23
PLOG+6157	proteomics_log	3089783	3089815	+	2	3	R.YQFTDILLGPR.V	15
PLOG+6158	proteomics_log	3089816	3089869	+	2	2	R.VLRTETTALTAITALQVR.F	22
PLOG+6159	proteomics_log	3089909	3089953	+	2	2	K.LGIVMDPIANINIKK.D	19
PLOG+6160	proteomics_log	3089909	3089989	+	2	2	K.LGIVMDPIANINIKKDSSFAMLLEAQR.R	31

PLOG+6161	proteomics_log	3089909	3089950	+	2	6	K.LGIVMDPIANINIK.K	18
PLOG+6162	proteomics_log	3090065	3090157	+	2	3	R.TLNVKQNYEEWFVGEQDLPLADLDVILMR.K	35
PLOG+6163	proteomics_log	3090080	3090157	+	2	20	K.QNYEEWFVGEQDLPLADLDVILMR.K	30
PLOG+6164	proteomics_log	3090275	3090325	+	2	3	K.LFTAWFSDLTPETLVTR.N	21
PLOG+6165	proteomics_log	3090344	3090415	+	2	12	K.AFWEKHSIILKPLDGMGGASIFR.V	28
PLOG+6166	proteomics_log	3090359	3090415	+	2	26	K.HSDIILKPLDGMGGASIFR.V	23
PLOG+6167	proteomics_log	3090377	3090415	+	2	8	L.KPLDGMGGASIFR.V	17
PLOG+6168	proteomics_log	3090416	3090478	+	2	8	R.VKEGDPNLGVIAETLTEHGTR.Y	25
PLOG+6169	proteomics_log	3090530	3090562	+	2	2	R.VLVVDGEPVPY.C	15
PLOG+6170	proteomics_log	3090659	3090766	+	2	4	K.IARQIGPTLKEKGLIFVGLDIIGDRLTEINVTSPTC.I	40
PLOG+6171	proteomics_log	3090695	3090733	+	2	29	K.GLIFVGLDIIGDR.L	17
PLOG+6172	proteomics_log	3090773	3090835	+	2	2	R.EIEAEFPVSITGMLM*DAIEAR.L	26
PLOG+6173	proteomics_log	3090773	3090835	+	2	2	R.EIEAEFPVSITGM*LMDAIEAR.L	26
PLOG+6174	proteomics_log	3090773	3090835	+	2	56	R.EIEAEFPVSITGMLMDAIEAR.L	25
PLOG+6175	proteomics_log	3090959	3091021	+	2	2	T.M*NLQHHFLIAMPALQDPFRR.S	26
PLOG+6176	proteomics_log	3090959	3091021	+	2	2	T.M*NLQHHFLIAM*PALQDPFRR.S	27
PLOG+6177	proteomics_log	3091364	3091435	+	2	4	K.GQLEQEILDNAWLTAPADLNILFK.T	28
PLOG+6178	proteomics_log	3091472	3091519	+	2	50	K.LIGVDILTMPGVAGHA.-	20
PLOG+6179	proteomics_log	3091525	3091560	+	1	4	M.SGTLAFLDFGDK.S	16
PLOG+6180	proteomics_log	3091663	3091746	+	1	23	R.LLKEWQPDEIIVGLPLNMDGTEQPLTAR.A	32
PLOG+6181	proteomics_log	3093120	3093182	+	3	2	K.MNDIAHNLAQVRDKISAAATR.C	25
PLOG+6182	proteomics_log	3093120	3093182	+	3	2	K.M*NDIAHNLAQVRDKISAAATR.C	26
PLOG+6183	proteomics_log	3093228	3093275	+	3	2	K.TKPASAIAEAIDAGQR.Q	20
PLOG+6184	proteomics_log	3093531	3093590	+	3	2	K.SGIQLAELDELAAVAELPR.L	24
PLOG+6185	proteomics_log	3093531	3093596	+	3	2	K.SGIQLAELDELAAVAELPRLR.L	26
PLOG+6186	proteomics_log	3094703	3094747	+	2	8	P.M*QKVVLATGNVGKVR.E	20
PLOG+6187	proteomics_log	3094703	3094747	+	2	49	P.MQKVVLATGNVGKVR.E	19
PLOG+6188	proteomics_log	3094748	3094867	+	2	2	R.ELASLLSDFGLDIVAQTDLGVDSAEETGLTFIENAILKAR.H	44
PLOG+6189	proteomics_log	3094748	3094861	+	2	5	R.ELASLLSDFGLDIVAQTDLGVDSAEETGLTFIENAILK.A	42
PLOG+6190	proteomics_log	3094868	3094963	+	2	26	R.HAAKV TALPAIADDSGLAVDVLGGAPGIYSAR.Y	36
PLOG+6191	proteomics_log	3094880	3094963	+	2	45	K.VTALPAIADDSGLAVDVLGGAPGIYSAR.Y	32
PLOG+6192	proteomics_log	3094964	3095005	+	2	7	R.YSGEDATDQKNLQK.L	18
PLOG+6193	proteomics_log	3094964	3094993	+	2	14	R.YSGEDATDQK.N	14
PLOG+6194	proteomics_log	3095006	3095044	+	2	2	K.LLETMKDVPDDQR.Q	17
PLOG+6195	proteomics_log	3095234	3095266	+	2	3	K.SAISHRGQALK.L	15
PLOG+6196	proteomics_log	3095252	3095287	+	2	4	R.GQALKLLLDALR.N	16
PLOG+6197	proteomics_log	3095505	3095543	+	3	3	L.SGPAMQTLLDGVR.A	17
PLOG+6198	proteomics_log	3102307	3102348	+	1	3	K.LLEQEMVNFLFEGK.E	18
PLOG+6199	proteomics_log	3109889	3109975	+	2	3	R.CASQAINPQGM*DIQSGATVARVMPFSCNH.C	34
PLOG+6200	proteomics_log	3113916	3113972	+	3	2	I.RVQADGFSNVLSLFRYCSR.I	23
PLOG+6201	proteomics_log	3136797	3136856	+	3	2	K.SAGGAFANINRPVSGPTHEK.T	24
PLOG+6202	proteomics_log	3136920	3136991	+	3	9	K.VTIMLEELLALGVTGAEYDAWLIR.I	28
PLOG+6203	proteomics_log	3136992	3137048	+	3	2	R.IGDGDQFSSGFVEVNPNSK.I	23
PLOG+6204	proteomics_log	3137091	3137165	+	3	10	R.VFESGSILLYLAEKFGYFLPQDLAK.R	29
PLOG+6205	proteomics_log	3137133	3137165	+	3	5	K.FGYFLPQDLAK.R	15
PLOG+6206	proteomics_log	3137169	3137261	+	3	3	R.TETMNWLFWLQGAAPFLGGGFHGFYHYAPVK.I	35

PLOG+6207	proteomics_log	3137517	3137612	+	3	4	R.IVNRTNGPLNEQLHERHDASDFETNTEDKRQG.-	36
PLOG+6208	proteomics_log	3137517	3137564	+	3	10	R.IVNRTNGPLNEQLHER.H	20
PLOG+6209	proteomics_log	3137529	3137564	+	3	2	R.TNGPLNEQLHER.H	16
PLOG+6210	proteomics_log	3137565	3137612	+	3	8	R.HDASDFETNTEDKRQG.-	20
PLOG+6211	proteomics_log	3137565	3137606	+	3	11	R.HDASDFETNTEDKR.Q	18
PLOG+6212	proteomics_log	3138182	3138205	+	2	9	S.VADNFKTK.T	12
PLOG+6213	proteomics_log	3138550	3138594	+	1	2	I.VPYGSCRPIFSLTLR.S	19
PLOG+6214	proteomics_log	3140070	3140114	+	3	4	D.RTIRGQIRILNVAAR.E	19
PLOG+6215	proteomics_log	3140574	3140651	+	3	12	L.FRTVQVPGRNAFQHFGGFGWVSLQCR.S	30
PLOG+6216	proteomics_log	3146750	3146830	+	2	3	R.GQSMAQMALSWLLKDDRVTSVLIGASR.A	31
PLOG+6217	proteomics_log	3147834	3147872	+	3	2	R.KALVTGGDSGIGR.A	17
PLOG+6218	proteomics_log	3148056	3148097	+	3	3	K.ALGGLDIMALVAGK.Q	18
PLOG+6219	proteomics_log	3150261	3150302	+	3	58	M.ADKKLDTQLVNAGR.S	18
PLOG+6220	proteomics_log	3150303	3150347	+	3	7	R.SKKYTLGAVNSVIQR.A	19
PLOG+6221	proteomics_log	3150309	3150347	+	3	12	K.KYTLGAVNSVIQR.A	17
PLOG+6222	proteomics_log	3150312	3150347	+	3	8	K.YTLGAVNSVIQR.A	16
PLOG+6223	proteomics_log	3150348	3150383	+	3	11	R.ASSLVFDSVEAK.K	16
PLOG+6224	proteomics_log	3150630	3150704	+	3	2	K.LGVTTSWFDPLIGADIVKHLQPNTK.I	29
PLOG+6225	proteomics_log	3150630	3150683	+	3	20	K.LGVTTSWFDPLIGADIVK.H	22
PLOG+6226	proteomics_log	3150705	3150779	+	3	4	K.IVFLESPGSITMEVHDVPAIVAAVR.S	29
PLOG+6227	proteomics_log	3151164	3151205	+	3	3	R.DFTGSSGLFSFVLK.K	18
PLOG+6228	proteomics_log	3151374	3151436	+	3	54	R.LHIGLEDVDDLIADLDAGFAR.I	25
PLOG+6229	proteomics_log	3151380	3151436	+	3	36	H.IGLEDVDDLIADLDAGFAR.I	23
PLOG+6230	proteomics_log	3153503	3153613	+	2	6	K.KTGVLQVLDALKGMDVLEFGGIEPNPAYETLMNAVK.L	41
PLOG+6231	proteomics_log	3153506	3153613	+	2	7	K.TGVLQVLDALKGMDVLEFGGIEPNPAYETLMNAVK.L	40
PLOG+6232	proteomics_log	3154022	3154099	+	2	9	R.FAEGILLTLIEDGPKALKEPENYDVR.A	30
PLOG+6233	proteomics_log	3154022	3154066	+	2	82	R.FAEGILLTLIEDGPK.A	19
PLOG+6234	proteomics_log	3154370	3154450	+	2	3	R.NFFEQLGVPTHLSDYGLDGSSIPALLK.K	31
PLOG+6235	proteomics_log	3154370	3154453	+	2	4	R.NFFEQLGVPTHLSDYGLDGSSIPALLKK.L	32
PLOG+6236	proteomics_log	3154648	3154773	+	1	2	M.ANPTVIKLDGNVMPQLGLGVWQASNEEVITAIQKALEVGYR.S	46
PLOG+6237	proteomics_log	3154774	3154821	+	1	8	R.SIDTAAAYKNEEGVGK.A	20
PLOG+6238	proteomics_log	3154927	3155007	+	1	2	K.KLQLDYIDLILMHWPVPAIDHYVEAWK.G	31
PLOG+6239	proteomics_log	3154930	3155007	+	1	8	K.LQLDYIDLILMHWPVPAIDHYVEAWK.G	30
PLOG+6240	proteomics_log	3155086	3155154	+	1	9	R.LIDETGVTPVINQIELHPLMQQR.Q	27
PLOG+6241	proteomics_log	3155185	3155226	+	1	2	K.IQTESWSPLAQQGK.G	18
PLOG+6242	proteomics_log	3155245	3155277	+	1	2	K.VIRDLADKYGK.T	15
PLOG+6243	proteomics_log	3155245	3155301	+	1	3	K.VIRDLADKYGKTPAQIVIR.W	23
PLOG+6244	proteomics_log	3155278	3155301	+	1	5	K.TPAQIVIR.W	12
PLOG+6245	proteomics_log	3155302	3155337	+	1	11	R.WHLDSGLVVIPK.S	16
PLOG+6246	proteomics_log	3155356	3155439	+	1	3	R.IAENFDVWDFRLDKDELGEIAKLDQGKR.L	32
PLOG+6247	proteomics_log	3155356	3155421	+	1	4	R.IAENFDVWDFRLDKDELGEIAK.L	26
PLOG+6248	proteomics_log	3155440	3155469	+	1	2	R.LGPDPPDQFGG.-	14
PLOG+6249	proteomics_log	3160297	3160356	+	1	13	R.MGSTGAQSFAFGDIIRAGPPI.S	24
PLOG+6250	proteomics_log	3170555	3170671	+	2	2	M.SNILIINGAKKFAHNSGQLNDTLTEVADGTLRDLGHDVR.I	43
PLOG+6251	proteomics_log	3170585	3170671	+	2	4	K.KFAHNSGQLNDTLTEVADGTLRDLGHDVR.I	33
PLOG+6252	proteomics_log	3170588	3170674	+	2	2	K.FAHNSGQLNDTLTEVADGTLRDLGHDVRI.V	33

PLOG+6253	proteomics_log	3171002	3171088	+	2	2	P.FHKANQFLGMEPLPTFIANDVIKMPDVPR.Y	33
PLOG+6254	proteomics_log	3171011	3171070	+	2	10	K.ANQFLGMEPLPTFIANDVIK.M	24
PLOG+6255	proteomics_log	3171164	3171190	+	2	3	T.M*LTVIAEIR.T	14
PLOG+6256	proteomics_log	3171164	3171190	+	2	139	T.MLTVIAEIR.T	13
PLOG+6257	proteomics_log	3171215	3171241	+	2	3	R.QAVLDQFAK.I	13
PLOG+6258	proteomics_log	3171410	3171457	+	2	5	K.AYSEAVKGDVLEM*NIR.I	21
PLOG+6259	proteomics_log	3171410	3171457	+	2	147	K.AYSEAVKGDVLEMNIR.I	20
PLOG+6260	proteomics_log	3172184	3172279	+	2	9	S.VRLRSCAVQSASLPGNAGPLVSFLRTTFLAAR.I	36
PLOG+6261	proteomics_log	3174077	3174121	+	2	3	R.RCTSVVSVPSACNSR.V	19
PLOG+6262	proteomics_log	3176203	3176235	+	1	11	A.ENLM*QVYQQR.L	16
PLOG+6263	proteomics_log	3176203	3176235	+	1	141	A.ENLMQVYQQR.L	15
PLOG+6264	proteomics_log	3176257	3176292	+	1	6	R.KSAADRDAAFEK.I	16
PLOG+6265	proteomics_log	3176257	3176307	+	1	42	R.KSAADRDAAFEKINEAR.S	21
PLOG+6266	proteomics_log	3176260	3176292	+	1	4	K.SAADRDAAFEK.I	15
PLOG+6267	proteomics_log	3176260	3176307	+	1	123	K.SAADRDAAFEKINEAR.S	20
PLOG+6268	proteomics_log	3176308	3176367	+	1	3	R.SPQLLQGLGADYTYSNGYR.D	24
PLOG+6269	proteomics_log	3176368	3176442	+	1	2	R.DANGINSNATSASLQLTQSIFDMSK.W	29
PLOG+6270	proteomics_log	3176368	3176442	+	1	2	R.DANGINSNATSASLQLTQSIFDM*SK.W	30
PLOG+6271	proteomics_log	3176449	3176469	+	1	2	R.ALTLQEK.A	11
PLOG+6272	proteomics_log	3176470	3176592	+	1	8	K.AAGIQDVTYQTDQQLILNTATAYFNVLNAIDVLSYTAQK.E	45
PLOG+6273	proteomics_log	3176608	3176676	+	1	5	R.QLDQTTQRFNVLVAITDVQNR.A	27
PLOG+6274	proteomics_log	3176632	3176676	+	1	136	R.FNVGLVAITDVQNR.A	19
PLOG+6275	proteomics_log	3176677	3176751	+	1	31	R.AQYDTVLANEVTARNNLDNAVEQLR.Q	29
PLOG+6276	proteomics_log	3176677	3176718	+	1	67	R.AQYDTVLANEVTAR.N	18
PLOG+6277	proteomics_log	3176719	3176751	+	1	29	R.NNLDNAVEQLR.Q	15
PLOG+6278	proteomics_log	3176752	3176844	+	1	5	R.QITGNYYPELAALNVENFKTDKQPVNALLK.E	35
PLOG+6279	proteomics_log	3176752	3176859	+	1	6	R.QITGNYYPELAALNVENFKTDKQPVNALLKEAEKR.N	40
PLOG+6280	proteomics_log	3176752	3176808	+	1	27	R.QITGNYYPELAALNVENFK.T	23
PLOG+6281	proteomics_log	3176809	3176859	+	1	21	K.TDKQPVNALLKEAEKR.N	21
PLOG+6282	proteomics_log	3176860	3176883	+	1	10	R.NLSLLQAR.L	12
PLOG+6283	proteomics_log	3176917	3176997	+	1	3	R.QAQDGHLPDLTASTGISDTSYSGSK.T	31
PLOG+6284	proteomics_log	3176998	3177051	+	1	2	K.TRGAAGTQYDDSNM*GQNK.V	23
PLOG+6285	proteomics_log	3177004	3177051	+	1	7	R.GAAGTQYDDSNM*GQNK.V	21
PLOG+6286	proteomics_log	3177004	3177111	+	1	7	R.GAAGTQYDDSNMGQNKVGLSFLPIYQGGMVNSQVK.Q	40
PLOG+6287	proteomics_log	3177004	3177051	+	1	9	R.GAAGTQYDDSNMGQNK.V	20
PLOG+6288	proteomics_log	3177052	3177111	+	1	50	K.VGLSFLPIYQGGMVNSQVK.Q	24
PLOG+6289	proteomics_log	3177112	3177165	+	1	38	K.QAQYNFVGASEQLESAHR.S	22
PLOG+6290	proteomics_log	3177187	3177237	+	1	28	R.SSFNNINASSINAYK.Q	21
PLOG+6291	proteomics_log	3177187	3177303	+	1	67	R.SSFNNINASSINAYKQAVVSAQSSLDAMEAGYSVGTR.T	43
PLOG+6292	proteomics_log	3177304	3177342	+	1	6	R.TIVDVLDAATTTLY.N	17
PLOG+6293	proteomics_log	3177304	3177405	+	1	60	R.TIVDVLDAATTTLYNAKQELANARYNYLINQLNIK.S	38
PLOG+6294	proteomics_log	3177304	3177351	+	1	171	R.TIVDVLDAATTTLYNAK.Q	20
PLOG+6295	proteomics_log	3177304	3177372	+	1	243	R.TIVDVLDAATTTLYNAKQELANAR.Y	27
PLOG+6296	proteomics_log	3177373	3177405	+	1	151	R.YNYLINQLNIK.S	15
PLOG+6297	proteomics_log	3177580	3177615	+	1	62	R.TTTSNGHNPFNR.-	16
PLOG+6298	proteomics_log	3178165	3178215	+	1	2	R.LMGGGAGFAQQPLFSSK.N	21

PLOG+6299	proteomics_log	3178309	3178353	+	1	20	K.TAMAPKPATTTTVTR.G	19
PLOG+6300	proteomics_log	3178354	3178380	+	1	2	R.GGFGESVAK.Q	13
PLOG+6301	proteomics_log	3180016	3180099	+	1	2	R.FATVDTQLHHRDISVRIHLNQHAPRAVV.K	32
PLOG+6302	proteomics_log	3181184	3181246	+	2	2	I.MAAVAGIMVALSVDELM*PLAK.E	26
PLOG+6303	proteomics_log	3182922	3182957	+	3	3	K.GIREFGEDVEKK.I	16
PLOG+6304	proteomics_log	3182922	3182963	+	3	48	K.GIREFGEDVEKKIR.Q	18
PLOG+6305	proteomics_log	3182958	3182990	+	3	9	K.IRQTLQAQLTR.L	15
PLOG+6306	proteomics_log	3183051	3183077	+	3	26	R.EKLALLEQR.I	13
PLOG+6307	proteomics_log	3183078	3183098	+	3	7	R.ISELENR.S	11
PLOG+6308	proteomics_log	3183871	3183912	+	1	4	F.NNTNSYQELNFKAR.M	18
PLOG+6309	proteomics_log	3190572	3190589	+	3	4	A.VHYTGK.I	10
PLOG+6310	proteomics_log	3190572	3190589	+	3	4	A.VHYTGK.I	10
PLOG+6311	proteomics_log	3191825	3191908	+	2	2	R.EVRIKEIEQQVTEIANQTKSIAIAAKS.E	32
PLOG+6312	proteomics_log	3194531	3194575	+	2	5	L.SARAASSMPVNPTRR.A	19
PLOG+6313	proteomics_log	3199295	3199339	+	2	3	A.EETRYVSDDELNTWVR.S	19
PLOG+6314	proteomics_log	3199364	3199441	+	2	3	R.LVGTVNAGEEVTLQTDANTNYAQVK.D	30
PLOG+6315	proteomics_log	3199457	3199504	+	2	3	R.TAWIPLKQLSTEPCLR.S	20
PLOG+6316	proteomics_log	3199505	3199537	+	2	24	R.SRVPLENQVK.T	15
PLOG+6317	proteomics_log	3199538	3199585	+	2	3	K.TLTDKLTNIDNTWNQR.T	20
PLOG+6318	proteomics_log	3200186	3200269	+	2	4	R.DLTINALAQDDNGEIIDPYNGLGDLQNR.L	32
PLOG+6319	proteomics_log	3208806	3208856	+	3	187	M.PVIKVRENEPFDVALRR.F	21
PLOG+6320	proteomics_log	3208806	3208853	+	3	247	M.PVIKVRENEPFDVALR.R	20
PLOG+6321	proteomics_log	3208818	3208853	+	3	74	K.VRENEPFDVALR.R	16
PLOG+6322	proteomics_log	3208818	3208856	+	3	122	K.VRENEPFDVALRR.F	17
PLOG+6323	proteomics_log	3208824	3208853	+	3	7	R.ENEPFDVALR.R	14
PLOG+6324	proteomics_log	3208866	3208901	+	3	17	R.SCEKAGVLAEVR.R	16
PLOG+6325	proteomics_log	3208872	3208901	+	3	10	C.EKAGVLAEVR.R	14
PLOG+6326	proteomics_log	3208878	3208901	+	3	141	K.AGVLAEVR.R	12
PLOG+6327	proteomics_log	3208902	3208943	+	3	6	R.RREFYEKPTTERKR.A	18
PLOG+6328	proteomics_log	3208902	3208940	+	3	6	R.RREFYEKPTTERK.R	17
PLOG+6329	proteomics_log	3208902	3208937	+	3	64	R.RREFYEKPTTERK.K	16
PLOG+6330	proteomics_log	3208905	3208937	+	3	41	R.REFYEKPTTERK.K	15
PLOG+6331	proteomics_log	3208908	3208943	+	3	5	R.EFYEKPTTERKR.A	16
PLOG+6332	proteomics_log	3208908	3208940	+	3	107	R.EFYEKPTTERK.R	15
PLOG+6333	proteomics_log	3208944	3208976	+	3	5	R.AKASAVKRHAK.K	15
PLOG+6334	proteomics_log	3208968	3209000	+	3	10	R.HAKKLARENAR.R	15
PLOG+6335	proteomics_log	3209459	3209560	+	2	3	R.HQRQTLYQLMDGLNTFYQQLQPVATSARQYLE.K	38
PLOG+6336	proteomics_log	3209666	3209686	+	2	2	R.QSLIDAG.M	11
PLOG+6337	proteomics_log	3210212	3210292	+	2	2	R.M*EQAM*PLSAFLFNSLM*PQVDLSTPDGR.A	34
PLOG+6338	proteomics_log	3210299	3210352	+	2	2	R.LSTLALPLISQVPGETLR.I	22
PLOG+6339	proteomics_log	3211069	3211113	+	1	3	L.MEQNPQSQLKLLVTR.G	19
PLOG+6340	proteomics_log	3211069	3211098	+	1	10	L.M*EQNPQSQLK.L	15
PLOG+6341	proteomics_log	3211069	3211098	+	1	19	L.MEQNPQSQLK.L	14
PLOG+6342	proteomics_log	3211378	3211434	+	1	2	R.EMGTVELLTREGEIDIAKR.I	23
PLOG+6343	proteomics_log	3211378	3211407	+	1	31	R.EMGTVELLTR.E	14
PLOG+6344	proteomics_log	3211678	3211722	+	1	2	D.DSADDDNSIDPELAR.E	19

PLOG+6345	proteomics_log	3211744	3211782	+	1	6	R.AQYVVTRDTIKAK.G	17
PLOG+6346	proteomics_log	3211783	3211848	+	1	3	K.GRSHATAQEEILKLSEVFKQFR.L	26
PLOG+6347	proteomics_log	3211789	3211839	+	1	10	R.SHATAQEEILKLSEVFK.Q	21
PLOG+6348	proteomics_log	3211789	3211821	+	1	21	R.SHATAQEEILK.L	15
PLOG+6349	proteomics_log	3211789	3211848	+	1	48	R.SHATAQEEILKLSEVFKQFR.L	24
PLOG+6350	proteomics_log	3211822	3211848	+	1	2	K.LSEVFKQFR.L	13
PLOG+6351	proteomics_log	3211849	3211890	+	1	13	R.LVPKQFDYLVNSMR.V	18
PLOG+6352	proteomics_log	3211861	3211890	+	1	3	K.QFDYLVNSMR.V	14
PLOG+6353	proteomics_log	3212056	3212085	+	1	21	K.LHDVSEEVHR.A	14
PLOG+6354	proteomics_log	3212086	3212160	+	1	19	R.ALQKLQQIEEETGLTIEQVKDINRR.M	29
PLOG+6355	proteomics_log	3212161	3212187	+	1	3	R.MSIGEAKAR.R	13
PLOG+6356	proteomics_log	3212188	3212223	+	1	2	R.RAKKEMVEANLR.L	16
PLOG+6357	proteomics_log	3212245	3212310	+	1	4	K.KYTNRGLQFLDLIQEGNIGLM*K.A	27
PLOG+6358	proteomics_log	3212260	3212310	+	1	4	R.GLQFLDLIQEGNIGLM*K.A	22
PLOG+6359	proteomics_log	3212260	3212310	+	1	83	R.GLQFLDLIQEGNIGLMK.A	21
PLOG+6360	proteomics_log	3212413	3212463	+	1	10	R.TIRIPVHM*IETINKLNR.I	22
PLOG+6361	proteomics_log	3212413	3212463	+	1	128	R.TIRIPVHM IETINKLNR.I	21
PLOG+6362	proteomics_log	3212422	3212463	+	1	2	R.IPVHM*IETINKLNR.I	19
PLOG+6363	proteomics_log	3212422	3212463	+	1	32	R.IPVHMIETINKLNR.I	18
PLOG+6364	proteomics_log	3212473	3212526	+	1	13	R.QMLQEMGREPTPEELAER.M	22
PLOG+6365	proteomics_log	3212527	3212553	+	1	16	R.MLMPEDKIR.K	13
PLOG+6366	proteomics_log	3212566	3212691	+	1	2	K.IAKEPISM*ETPIGDDEDSHLGDFIEDTTLELPLDSATTESLR.A	47
PLOG+6367	proteomics_log	3212566	3212691	+	1	10	K.IAKEPISMETPIGDDEDSHLGDFIEDTTLELPLDSATTESLR.A	46
PLOG+6368	proteomics_log	3212692	3212730	+	1	160	R.AATHDVLAGLTAR.E	17
PLOG+6369	proteomics_log	3212749	3212820	+	1	11	R.MRFGIDMNTDYTLEEVGKQFDVTR.E	28
PLOG+6370	proteomics_log	3212755	3212826	+	1	2	R.FGIDM*NTDYTLEEVGKQFDVTRER.I	29
PLOG+6371	proteomics_log	3212755	3212820	+	1	5	R.FGIDM*NTDYTLEEVGKQFDVTR.E	27
PLOG+6372	proteomics_log	3212755	3212826	+	1	42	R.FGIDMNTDYTLEEVGKQFDVTRER.I	28
PLOG+6373	proteomics_log	3212755	3212820	+	1	78	R.FGIDMNTDYTLEEVGKQFDVTR.E	26
PLOG+6374	proteomics_log	3215335	3215373	+	1	3	R.VNQSDISDAQIKK.I	17
PLOG+6375	proteomics_log	3215395	3215421	+	1	4	R.AAFDITQLD.-	13
PLOG+6376	proteomics_log	3220256	3220315	+	2	3	R.GLNIPQDISLISVNDIPTAR.F	24
PLOG+6377	proteomics_log	3227307	3227333	+	3	2	-.LCASPRRAR.H	13
PLOG+6378	proteomics_log	3235579	3235665	+	1	3	L.FLSHKINVICEKPLASNLAEVDAAIACAR.E	33
PLOG+6379	proteomics_log	3244695	3244733	+	3	4	R.RLYQQLAADLKER.I	17
PLOG+6380	proteomics_log	3244782	3244811	+	3	3	R.FIADEKNVSR.T	14
PLOG+6381	proteomics_log	3244977	3245063	+	3	2	R.QLIESNIAEFAATQVTKQDIM*KLM*AIQEQ.A	35
PLOG+6382	proteomics_log	3247210	3247242	+	1	2	K.IAKQKDEVAER.Q	15
PLOG+6383	proteomics_log	3247306	3247350	+	1	3	R.KLAEAQEELKKLEAR.D	19
PLOG+6384	proteomics_log	3247306	3247356	+	1	4	R.KLAEAQEELKKLEARDY.-	21
PLOG+6385	proteomics_log	3247400	3247489	+	2	4	M.SKEHTTEHLRAELKSLSDTLEEVLSSSGEK.S	34
PLOG+6386	proteomics_log	3247400	3247441	+	2	68	M.SKEHTTEHLRAELK.S	18
PLOG+6387	proteomics_log	3247400	3247429	+	2	82	M.SKEHTTEHLR.A	14
PLOG+6388	proteomics_log	3247430	3247489	+	2	2	R.AELKSLSDTLEEVLSSSGEK.S	24
PLOG+6389	proteomics_log	3247430	3247510	+	2	3	R.AELKSLSDTLEEVLSSSGEKSKEELSK.I	31
PLOG+6390	proteomics_log	3247430	3247516	+	2	23	R.AELKSLSDTLEEVLSSSGEKSKEELSKIR.S	33

PLOG+6391	proteomics_log	3247442	3247549	+	2	2	K.SLSDTLEEVLSSSGGEKSKEELSKIRSKAEQALKQSR.Y	40
PLOG+6392	proteomics_log	3247442	3247510	+	2	22	K.SLSDTLEEVLSSSGGEKSKEELSK.I	27
PLOG+6393	proteomics_log	3247442	3247489	+	2	97	K.SLSDTLEEVLSSSGGEK.S	20
PLOG+6394	proteomics_log	3247442	3247516	+	2	173	K.SLSDTLEEVLSSSGGEKSKEELSKIR.S	29
PLOG+6395	proteomics_log	3247490	3247510	+	2	2	K.SKEELSK.I	11
PLOG+6396	proteomics_log	3247490	3247516	+	2	8	K.SKEELSKIR.S	13
PLOG+6397	proteomics_log	3247511	3247540	+	2	2	K.IRSKAEQALK.Q	14
PLOG+6398	proteomics_log	3247511	3247549	+	2	16	K.IRSKAEQALKQSR.Y	17
PLOG+6399	proteomics_log	3247517	3247540	+	2	3	R.SKAEQALK.Q	12
PLOG+6400	proteomics_log	3247517	3247549	+	2	129	R.SKAEQALKQSR.Y	15
PLOG+6401	proteomics_log	3247523	3247549	+	2	57	K.AEQALKQSR.Y	13
PLOG+6402	proteomics_log	3247550	3247585	+	2	129	R.YRLGETGDIAIK.Q	16
PLOG+6403	proteomics_log	3247550	3247594	+	2	189	R.YRLGETGDIAIKQTR.V	19
PLOG+6404	proteomics_log	3247556	3247585	+	2	53	R.LGETGDIAIK.Q	14
PLOG+6405	proteomics_log	3247556	3247594	+	2	110	R.LGETGDIAIKQTR.V	17
PLOG+6406	proteomics_log	3247595	3247699	+	2	3	R.VAAARADEYVRENPWTVGVGIGAAIGVVLGVLLSRR.-	39
PLOG+6407	proteomics_log	3247595	3247627	+	2	3	R.VAAARADEYVR.E	15
PLOG+6408	proteomics_log	3247610	3247696	+	2	36	R.ADEYVRENPWTVGVGIGAAIGVVLGVLLSR.R	33
PLOG+6409	proteomics_log	3247610	3247699	+	2	53	R.ADEYVRENPWTVGVGIGAAIGVVLGVLLSRR.-	34
PLOG+6410	proteomics_log	3247628	3247696	+	2	15	R.ENPWTVGVGIGAAIGVVLGVLLSR.R	27
PLOG+6411	proteomics_log	3253140	3253202	+	3	31	K.NFGYEMLSELEAIVADAETR.L	25
PLOG+6412	proteomics_log	3254270	3254290	+	2	2	F.QLLAREK.R	11
PLOG+6413	proteomics_log	3273600	3273653	+	3	2	V.THAATGNQSPGTLTAAGR.I	22
PLOG+6414	proteomics_log	3277788	3277817	+	3	24	K.VGPALTFALR.E	14
PLOG+6415	proteomics_log	3277788	3277817	+	3	24	K.VGPALTFALR.E	14
PLOG+6416	proteomics_log	3287382	3287420	+	3	7	T.LFTNYSFTGSDNR.Y	17
PLOG+6417	proteomics_log	3288981	3289061	+	3	2	R.LSVDTTQLPDNDLEQTTQFVVPNRGA.M	31
PLOG+6418	proteomics_log	3292196	3292243	+	2	96	K.IALLPLNGQAAVFGFR.T	20
PLOG+6419	proteomics_log	3292499	3292612	+	2	10	K.IYDTSSQPLSQILSQVQDQASIVVGPLLKNNVEELLK.S	42
PLOG+6420	proteomics_log	3292727	3292774	+	2	4	R.HIRDQKGKQAPLVLIPR.S	20
PLOG+6421	proteomics_log	3292775	3292825	+	2	4	R.SSLGDRVANAFQAQEWQK.L	21
PLOG+6422	proteomics_log	3292793	3292825	+	2	2	R.VANAFQAQEWQK.L	15
PLOG+6423	proteomics_log	3292826	3292855	+	2	7	K.LGGTVLQQK.F	14
PLOG+6424	proteomics_log	3292880	3292936	+	2	10	R.AGVNGGSGIALTGSPITLR.A	23
PLOG+6425	proteomics_log	3292937	3293023	+	2	3	R.ATTDSGM*TTNNPTLQTTPTDDQFTNNGGR.V	34
PLOG+6426	proteomics_log	3293024	3293092	+	2	4	R.VDAVYIVATPGEIAFIKPMIAMR.N	27
PLOG+6427	proteomics_log	3293093	3293134	+	2	8	R.NGSQSGATLYASSR.S	18
PLOG+6428	proteomics_log	3293408	3293455	+	2	3	R.NLSWLQYQQGQVVPVS.-	20
PLOG+6429	proteomics_log	3294143	3294187	+	2	5	R.ALGHAGDVLLAISTR.G	19
PLOG+6430	proteomics_log	3294236	3294331	+	2	4	R.DMTIVALTYDGGELAGLLGPQDVEIRIPSHR.S	36
PLOG+6431	proteomics_log	3294548	3294589	+	2	13	R.SVGTQVDDGTLEVR.V	18
PLOG+6432	proteomics_log	3294590	3294637	+	2	6	R.VNSALSKDEQIKKEAR.I	20
PLOG+6433	proteomics_log	3294665	3294709	+	2	46	K.VLLVQSPNAELSAR.A	19
PLOG+6434	proteomics_log	3294710	3294766	+	2	2	R.AKQIAMGVDGANEVYNEIR.Q	23
PLOG+6435	proteomics_log	3294716	3294766	+	2	2	K.QIAMGVDGANEVYNEIR.Q	21
PLOG+6436	proteomics_log	3294830	3294859	+	2	31	R.SQLLTSDLVK.S	14

PLOG+6437	proteomics_log	3294860	3294934	+	2	2	K.SSNVKVTTENGEVFLMGLVTEREAK.A	29
PLOG+6438	proteomics_log	3297020	3297073	+	2	5	L.ITDEFEDSEFTSPADEFK.K	22
PLOG+6439	proteomics_log	3301473	3301538	+	3	2	M.TDKTIAFSLDLAPIPEGSSAR.E	26
PLOG+6440	proteomics_log	3316662	3316697	+	3	91	M.TTILKHLVPVQR.I	16
PLOG+6441	proteomics_log	3316698	3316727	+	3	5	R.IGIAFSGGLD.T	14
PLOG+6442	proteomics_log	3316698	3316754	+	3	230	R.IGIAFSGGLDTSAALLWMR.Q	23
PLOG+6443	proteomics_log	3316755	3316835	+	3	2	R.QKGAVPYAYTANLQGPDEEDYDAIPRR.A	31
PLOG+6444	proteomics_log	3316755	3316832	+	3	134	R.QKGAVPYAYTANLQGPDEEDYDAIPR.R	30
PLOG+6445	proteomics_log	3316761	3316832	+	3	32	K.GAVPYAYTANLQGPDEEDYDAIPR.R	28
PLOG+6446	proteomics_log	3316833	3316865	+	3	193	R.RAMEYGAENAR.L	15
PLOG+6447	proteomics_log	3316836	3316865	+	3	3	R.AM*EYGAENAR.L	15
PLOG+6448	proteomics_log	3316836	3316865	+	3	35	R.AMEYGAENAR.L	14
PLOG+6449	proteomics_log	3316881	3316979	+	3	3	R.KQLVAEGIAAIQCGAFHNTTGGLTYFNTTPLGR.A	37
PLOG+6450	proteomics_log	3316980	3317057	+	3	4	R.AVTGTMLVAAMKEDGVNIWGDGTYK.G	30
PLOG+6451	proteomics_log	3316980	3317075	+	3	115	R.AVTGTMLVAAMKEDGVNIWGDGTYKGNLIER.F	36
PLOG+6452	proteomics_log	3317085	3317165	+	3	36	R.YGLLTNAELQIYKPWLDTDFIDELGGR.H	31
PLOG+6453	proteomics_log	3317226	3317273	+	3	2	K.AYSTDSNM*LGATHEAK.D	21
PLOG+6454	proteomics_log	3317226	3317303	+	3	39	K.AYSTDSNMLGATHEAKDLEYLNSSVK.I	30
PLOG+6455	proteomics_log	3317274	3317303	+	3	2	K.DLEYLNSSVK.I	14
PLOG+6456	proteomics_log	3317304	3317378	+	3	10	K.IVNPIMGVKFWDESVKIPAEVTVR.F	29
PLOG+6457	proteomics_log	3317331	3317414	+	3	2	K.FWDESVKIPAEVTVRFEQGHVVALNGK.T	32
PLOG+6458	proteomics_log	3317331	3317378	+	3	51	K.FWDESVKIPAEVTVR.F	20
PLOG+6459	proteomics_log	3317379	3317456	+	3	6	R.FEQGHVVALNGKTFSDDDVEMMLEANR.I	30
PLOG+6460	proteomics_log	3317379	3317414	+	3	19	R.FEQGHVVALNGK.T	16
PLOG+6461	proteomics_log	3317415	3317456	+	3	89	K.TFSDDVEMMLEANR.I	18
PLOG+6462	proteomics_log	3317457	3317504	+	3	9	R.IGGRHGLGM*SDQIENR.I	21
PLOG+6463	proteomics_log	3317457	3317504	+	3	23	R.IGGRHGLGMSDQIENR.I	20
PLOG+6464	proteomics_log	3317469	3317525	+	3	2	R.HGLGM*SDQIENRIEAKSR.G	24
PLOG+6465	proteomics_log	3317469	3317504	+	3	21	R.HGLGM*SDQIENR.I	17
PLOG+6466	proteomics_log	3317469	3317504	+	3	172	R.HGLGMSDQIENR.I	16
PLOG+6467	proteomics_log	3317502	3317576	+	3	39	N.RIIEAKSRGIYEAPGMALLHIAYER.L	29
PLOG+6468	proteomics_log	3317505	3317576	+	3	12	R.IIEAKSRGIYEAPGMALLHIAYER.L	28
PLOG+6469	proteomics_log	3317520	3317576	+	3	4	K.SRGIYEAPGM*ALLHIAYER.L	24
PLOG+6470	proteomics_log	3317520	3317576	+	3	191	K.SRGIYEAPGMALLHIAYER.L	23
PLOG+6471	proteomics_log	3317526	3317576	+	3	230	R.GIYEAPGMALLHIAYER.L	21
PLOG+6472	proteomics_log	3317541	3317576	+	3	6	A.PGMALLHIAYER.L	16
PLOG+6473	proteomics_log	3317577	3317645	+	3	5	R.LLTGIHNEDTIEQYHAHGRQLGR.L	27
PLOG+6474	proteomics_log	3317577	3317633	+	3	134	R.LLTGIHNEDTIEQYHAHGR.Q	23
PLOG+6475	proteomics_log	3317664	3317693	+	3	2	R.WFDSQALM*LR.D	15
PLOG+6476	proteomics_log	3317664	3317693	+	3	44	R.WFDSQALMLR.D	14
PLOG+6477	proteomics_log	3317727	3317816	+	3	2	I.TGEVTLELRGNDYSILNTVSENLYTKPER.L	34
PLOG+6478	proteomics_log	3317754	3317882	+	3	2	R.RGNDYSILNTVSENLYTKPERLTM*EKGDSVFPDDRIGQLTM*R.N	49
PLOG+6479	proteomics_log	3317754	3317816	+	3	67	R.RGNDYSILNTVSENLYTKPER.L	25
PLOG+6480	proteomics_log	3317757	3317816	+	3	8	R.GNDYSILNTVSENLYTKPER.L	24
PLOG+6481	proteomics_log	3317817	3317861	+	3	2	R.LTM*EKGDSVFPDDR.I	20
PLOG+6482	proteomics_log	3317817	3317861	+	3	10	R.LTMEKGDVFPDDR.I	19

PLOG+6483	proteomics_log	3317817	3317882	+	3	38	R.LTMEKGDSVSPDDRIGQLTMR.N	26
PLOG+6484	proteomics_log	3317883	3317999	+	3	13	R.NLDITDTREKLFYAKTGLSSSAASGVPQVENLEKKGQ.-	43
PLOG+6485	proteomics_log	3317883	3317906	+	3	36	R.NLDITDTR.E	12
PLOG+6486	proteomics_log	3317883	3317912	+	3	77	R.NLDITDTREK.L	14
PLOG+6487	proteomics_log	3317883	3317930	+	3	100	R.NLDITDTREKLFYAK.T	20
PLOG+6488	proteomics_log	3317907	3317930	+	3	3	R.EKLFYAK.T	12
PLOG+6489	proteomics_log	3317913	3317999	+	3	4	K.LFGYAKTGLSSSAASGVPQVENLEKKGQ.-	33
PLOG+6490	proteomics_log	3317931	3317993	+	3	36	K.TGLSSSAASGVPQVENLEK.G	25
PLOG+6491	proteomics_log	3317931	3317999	+	3	424	K.TGLSSSAASGVPQVENLEKKGQ.-	27
PLOG+6492	proteomics_log	3325812	3325847	+	3	12	T.MNLSTKQKQHLK.G	16
PLOG+6493	proteomics_log	3325848	3325961	+	3	3	K.GLAHPLKPVVLLGSNGLTEGVLAEIEQALEHHELIKVK.I	42
PLOG+6494	proteomics_log	3325848	3325955	+	3	37	K.GLAHPLKPVVLLGSNGLTEGVLAEIEQALEHHELIK.V	40
PLOG+6495	proteomics_log	3325956	3325988	+	3	2	K.VKIATEDRETK.T	15
PLOG+6496	proteomics_log	3325962	3325988	+	3	4	K.IATEDRETK.T	13
PLOG+6497	proteomics_log	3325989	3326015	+	3	2	K.TLIVEAIVR.E	13
PLOG+6498	proteomics_log	3326052	3326084	+	3	4	K.TLVLYRPTKER.K	15
PLOG+6499	proteomics_log	3328742	3328834	+	2	2	W.LFRFFSLHDRVFNKGGHHPAEIFHAQSTRR.R	35
PLOG+6500	proteomics_log	3331732	3331869	+	1	5	A.MNLEKINELTAQDMAGVNAAILQLNSDVQLINQLGYIVSGGGKR.I	50
PLOG+6501	proteomics_log	3331747	3331869	+	1	3	K.INELTAQDM*AGVNAAILQLNSDVQLINQLGYIVSGGGKR.I	46
PLOG+6502	proteomics_log	3331747	3331866	+	1	8	K.INELTAQDMAGVNAAILQLNSDVQLINQLGYIVSGGGK.R	44
PLOG+6503	proteomics_log	3331747	3331869	+	1	38	K.INELTAQDMAGVNAAILQLNSDVQLINQLGYIVSGGGKR.I	45
PLOG+6504	proteomics_log	3331903	3332010	+	1	5	R.AVGYEGNAHVTTIAALIEFIHTATLLHDDVVDESMDMR.R	40
PLOG+6505	proteomics_log	3332020	3332085	+	1	3	K.ATANAAFGNAASVLVGDIFYTR.A	26
PLOG+6506	proteomics_log	3332335	3332406	+	1	17	R.YLGTAFQLIDDLLDYNADGEQLGK.N	28
PLOG+6507	proteomics_log	3332500	3332526	+	1	8	R.TAIEQGNGR.H	13
PLOG+6508	proteomics_log	3332587	3332694	+	1	2	R.QRAEEADKAIQVLPDTPWREALIGLAHIAVQR.D	40
PLOG+6509	proteomics_log	3332656	3332694	+	1	6	R.EALIGLAHIAVQR.D	17
PLOG+6510	proteomics_log	3337575	3337622	+	3	2	K.RFIKHDEIRLQRNRTR.Q	20
PLOG+6511	proteomics_log	3339834	3339887	+	3	5	R.GFTAEDFALSHPGGALGR.K	22
PLOG+6512	proteomics_log	3340137	3340187	+	3	17	R.VRPGILAVEALNLMQSR.H	21
PLOG+6513	proteomics_log	3340188	3340259	+	3	73	R.HITSVMVADGDHLLGVLHMHDLR.A	28
PLOG+6514	proteomics_log	3340601	3340630	+	2	2	K.LIAFSDLLEK.L	14
PLOG+6515	proteomics_log	3340631	3340699	+	2	9	K.LAIAPENVAYVGDLDLIDWPVMEK.V	27
PLOG+6516	proteomics_log	3340700	3340750	+	2	23	K.VGLSVAVADAHPLLIPIR.A	21
PLOG+6517	proteomics_log	3340784	3340858	+	2	3	R.GAVREVCDELLLAQGKLDEAKGQSI.-	29
PLOG+6518	proteomics_log	3341414	3341506	+	2	2	K.TNKLSLNLVLAASSLLAASIPAFVTDGTDQP.I	35
PLOG+6519	proteomics_log	3341849	3341875	+	2	2	K.M*QAFSDKGK.R	14
PLOG+6520	proteomics_log	3341849	3341875	+	2	13	K.MQAFSDKGK.R	13
PLOG+6521	proteomics_log	3341876	3341947	+	2	12	K.RVTTVLVPSQLQDKNNKGQTPAQK.K	28
PLOG+6522	proteomics_log	3342131	3342184	+	2	4	R.DAGNIIIDDDDISLLPLH.A	22
PLOG+6523	proteomics_log	3342131	3342190	+	2	79	R.DAGNIIIDDDDISLLPLHAR.A	24
PLOG+6524	proteomics_log	3342197	3342241	+	2	2	R.RGIGYLPQEASIFRR.L	19
PLOG+6525	proteomics_log	3342200	3342238	+	2	2	R.GIGYLPQEASIFR.R	17
PLOG+6526	proteomics_log	3342359	3342394	+	2	2	R.DSMGQSLSGGER.R	16
PLOG+6527	proteomics_log	3342359	3342394	+	2	2	R.DSM*GQSLSGGER.R	17
PLOG+6528	proteomics_log	3342416	3342496	+	2	2	R.ALAANPKFILLDEPFAGVDPISVIDIK.R	31

PLOG+6529	proteomics_log	3342416	3342499	+	2	14	R.ALAANPKFILLDEPFAGVDPISVIDIKR.I	32
PLOG+6530	proteomics_log	3342437	3342496	+	2	42	K.FILLDEPFAGVDPISVIDIK.R	24
PLOG+6531	proteomics_log	3342437	3342499	+	2	80	K.FILLDEPFAGVDPISVIDIKR.I	25
PLOG+6532	proteomics_log	3342500	3342559	+	2	2	R.IIEHLRDSGLGVLITDHNVR.E	24
PLOG+6533	proteomics_log	3342584	3342661	+	2	10	R.AYIVSQGHILAHGTPTEILQDEHVKR.V	30
PLOG+6534	proteomics_log	3342662	3342688	+	2	14	R.VYLGEDFRL.-	13
PLOG+6535	proteomics_log	3342763	3342810	+	1	3	R.LSQQLAMTPQLQQAIR.L	20
PLOG+6536	proteomics_log	3342811	3342915	+	1	9	R.LLQLSTLELQQELQQALESNPLLEQIDTHEEIDTR.E	39
PLOG+6537	proteomics_log	3342916	3342966	+	1	2	R.ETQDSETLDTADALEQK.E	21
PLOG+6538	proteomics_log	3344195	3344263	+	2	2	T.MQLNITGNNVEITEALREFVTAK.F	27
PLOG+6539	proteomics_log	3344603	3344647	+	2	7	M.TNNDTTLQLSSVLNR.E	19
PLOG+6540	proteomics_log	3344690	3344722	+	2	30	R.ALEIISELAAK.Q	15
PLOG+6541	proteomics_log	3344723	3344770	+	2	40	K.QLSLPPQVVFEAILTR.E	20
PLOG+6542	proteomics_log	3344846	3344953	+	2	13	R.AVGVFVQLETPIAFDAIDNQPVDLLFALLVPADQTK.T	40
PLOG+6543	proteomics_log	3344954	3344986	+	2	2	K.THLHTLSLVAK.R	15
PLOG+6544	proteomics_log	3345014	3345088	+	2	2	R.RLRAAQSDSEELYQIITDTEGTPDEA.-	29
PLOG+6545	proteomics_log	3345023	3345088	+	2	10	R.AAQSDSEELYQIITDTEGTPDEA.-	26
PLOG+6546	proteomics_log	3345311	3345418	+	2	2	R.NM*PESPEIFEQAMSNLPDAFSPQLLFLDADRNTLIR.R	41
PLOG+6547	proteomics_log	3345311	3345418	+	2	14	R.NMPESPEIFEQAMSNLPDAFSPQLLFLDADRNTLIR.R	40
PLOG+6548	proteomics_log	3345461	3345517	+	2	2	K.NLSLESAIDKESDLLEPLR.S	23
PLOG+6549	proteomics_log	3345461	3345523	+	2	2	K.NLSLESAIDKESDLLEPLRSR.A	25
PLOG+6550	proteomics_log	3345518	3345583	+	2	3	R.SRADLIVDTSEMSVHELAEMLR.T	26
PLOG+6551	proteomics_log	3345524	3345583	+	2	19	R.ADLIVDTSEMSVHELAEMLR.T	24
PLOG+6552	proteomics_log	3346171	3346257	+	1	2	R.QIEVEATGPQEEEEALAAVIALFNSGFDED.-	33
PLOG+6553	proteomics_log	3352837	3352860	+	1	10	R.TAIHALAR.M	12
PLOG+6554	proteomics_log	3352873	3352947	+	1	3	R.GAILADGKTGDGCGLLLQKPDRFFR.I	29
PLOG+6555	proteomics_log	3352984	3353043	+	1	26	K.NYAVGMLFLNKPELAAAAR.R	24
PLOG+6556	proteomics_log	3353098	3353154	+	1	7	R.DVPTNEGVLGEIALSSLPR.I	23
PLOG+6557	proteomics_log	3353338	3353364	+	1	4	R.FYLDLADLR.L	13
PLOG+6558	proteomics_log	3353509	3353643	+	1	7	R.TYKFQTPPLPDLDHDAAPFVNETGSDSSSMDNMLELLLAGGMDIIR.A	49
PLOG+6559	proteomics_log	3353518	3353643	+	1	30	K.FQTPLIPDLHDAAPFVNETGSDSSSMDNMLELLLAGGMDIIR.A	46
PLOG+6560	proteomics_log	3353653	3353706	+	1	15	R.LLVPPAWQNNPMDPELR.A	22
PLOG+6561	proteomics_log	3353707	3353781	+	1	31	R.AFFDFNSMHMEPWGDPAGIVMSDGR.F	29
PLOG+6562	proteomics_log	3353872	3353961	+	1	2	V.GIWYQPDEVVEKGRVGPGEML*VIDTRSGR.I	35
PLOG+6563	proteomics_log	3353917	3353952	+	1	2	R.VGPGELM*VIDTR.S	17
PLOG+6564	proteomics_log	3353917	3353952	+	1	31	R.VGPGELMVIDTR.S	16
PLOG+6565	proteomics_log	3353962	3354003	+	1	3	R.ILHSAETDDDLKSR.H	18
PLOG+6566	proteomics_log	3354040	3354087	+	1	4	R.RLVPFEDLPDEEVGSR.E	20
PLOG+6567	proteomics_log	3354088	3354123	+	1	5	R.ELDDDTLASYQK.Q	16
PLOG+6568	proteomics_log	3354124	3354165	+	1	21	K.QFNYSAEELDSVIR.V	18
PLOG+6569	proteomics_log	3354166	3354246	+	1	21	R.VLGENGQEAVGSMGDDTPFAVLSSQPR.I	31
PLOG+6570	proteomics_log	3354268	3354351	+	1	10	R.QQFAQVTNPPIDPLREAHVMSLATSIGR.E	32
PLOG+6571	proteomics_log	3354562	3354657	+	1	4	R.SGTVLLVLSDRNIAKDRLPVPAPMAVGAIQTR.L	36
PLOG+6572	proteomics_log	3354562	3354594	+	1	4	R.SGTVLLVLSDR.N	15
PLOG+6573	proteomics_log	3354694	3354798	+	1	2	I.IVETASARDPHHFVLLGFGATAIYPYLAYETLGR.L	39
PLOG+6574	proteomics_log	3355000	3355056	+	1	4	R.IGGASFEDFQQDLLNLSKR.A	23

PLOG+6575	proteomics_log	3355000	3355053	+	1	49	R.IGGASFEDFQQDLLNLSK.R	22
PLOG+6576	proteomics_log	3355072	3355149	+	1	2	R.KPISQGGLLKYVHGGEYHAYNPDVVR.T	30
PLOG+6577	proteomics_log	3355102	3355149	+	1	8	K.YVHGGEYHAYNPDVVR.T	20
PLOG+6578	proteomics_log	3355150	3355206	+	1	8	R.TLQQAVQSGEYSQYQYAK.L	23
PLOG+6579	proteomics_log	3355207	3355317	+	1	2	K.LVNERPATTLRDLLAITPGENAVNIADVEPASELFKR.F	41
PLOG+6580	proteomics_log	3355207	3355314	+	1	3	K.LVNERPATTLRDLLAITPGENAVNIADVEPASELFK.R	40
PLOG+6581	proteomics_log	3355240	3355314	+	1	8	R.DLLAITPGENAVNIADVEPASELFK.R	29
PLOG+6582	proteomics_log	3355441	3355464	+	1	86	R.YGTNKVSR.I	12
PLOG+6583	proteomics_log	3355465	3355488	+	1	2	R.IKQVASGR.F	12
PLOG+6584	proteomics_log	3355465	3355539	+	1	6	R.IKQVASGRFGVTPAYLVNADVIQIK.V	29
PLOG+6585	proteomics_log	3355489	3355539	+	1	94	R.FGVTPAYLVNADVIQIK.V	21
PLOG+6586	proteomics_log	3355540	3355611	+	1	11	K.VAQGAKPGEGGQLPGDKVTPYIAK.L	28
PLOG+6587	proteomics_log	3355618	3355710	+	1	41	R.YSVPGVTLISPPPHHDYISIEDLAQLIFDLK.Q	35
PLOG+6588	proteomics_log	3355744	3355863	+	1	6	K.LVSEPGVGTIATGVAKAYADLITIAGYDGGTGASPLSSVK.Y	44
PLOG+6589	proteomics_log	3355744	3355791	+	1	11	K.LVSEPGVGTIATGVAK.A	20
PLOG+6590	proteomics_log	3356221	3356280	+	1	25	R.LVDLIGRTDLLKELDGFTAK.Q	24
PLOG+6591	proteomics_log	3356965	3357030	+	1	2	R.VNPELVEVLSVDALAIHEEHLR.G	26
PLOG+6592	proteomics_log	3357031	3357072	+	1	5	R.GLITEHVQHTGSQR.G	18
PLOG+6593	proteomics_log	3357031	3357114	+	1	31	R.GLITEHVQHTGSQRGEEILANWSTFATK.F	32
PLOG+6594	proteomics_log	3357073	3357114	+	1	2	R.GEEILANWSTFATK.F	18
PLOG+6595	proteomics_log	3357115	3357168	+	1	2	K.FALVKPKSSDVKALLGHR.S	22
PLOG+6596	proteomics_log	3357136	3357168	+	1	4	K.SSDVKALLGHR.S	15
PLOG+6597	proteomics_log	3357169	3357204	+	1	2	R.SRSAELRVQAQ.-	16
PLOG+6598	proteomics_log	3357175	3357204	+	1	16	R.SAAELRVQAQ.-	14
PLOG+6599	proteomics_log	3357223	3357291	+	1	74	M.SQNVYQFIDLQRVDPKPKPLKIR.K	27
PLOG+6600	proteomics_log	3357223	3357258	+	1	175	M.SQNVYQFIDLQR.V	16
PLOG+6601	proteomics_log	3357292	3357357	+	1	13	R.KIEFVEIYEPFSEGQAKAQR.C	26
PLOG+6602	proteomics_log	3357292	3357342	+	1	262	R.KIEFVEIYEPFSEGQAK.A	21
PLOG+6603	proteomics_log	3357295	3357342	+	1	49	K.IEFVEIYEPFSEGQAK.A	20
PLOG+6604	proteomics_log	3357448	3357507	+	1	4	R.IFEAAELSHQTNTLPEVCGR.V	24
PLOG+6605	proteomics_log	3357592	3357648	+	1	3	R.YINDKAFEMGWRPDMMSGVK.Q	23
PLOG+6606	proteomics_log	3357592	3357663	+	1	3	R.YINDKAFEM*GWRPDM*SGVKQTGKK.V	30
PLOG+6607	proteomics_log	3357637	3357720	+	1	2	M.SGVKQTGKKVAIIGAGPAGLACADVLTR.N	32
PLOG+6608	proteomics_log	3357661	3357720	+	1	8	K.KVAIIGAGPAGLACADVLTR.N	24
PLOG+6609	proteomics_log	3357664	3357720	+	1	13	R.VAIIGAGPAGLACADVLTR.N	23
PLOG+6610	proteomics_log	3357664	3357720	+	1	13	R.VAIIGAGPAGLACADVLTR.N	23
PLOG+6611	proteomics_log	3357721	3357807	+	1	8	R.NGVKAVVFDRHPEIGLLTFGIPAFKLEK.E	33
PLOG+6612	proteomics_log	3357733	3357822	+	1	3	K.AVVFDRHPEIGLLTFGIPAFKLEKEVM*TR.R	35
PLOG+6613	proteomics_log	3357733	3357798	+	1	47	K.AVVFDRHPEIGLLTFGIPAFK.L	26
PLOG+6614	proteomics_log	3357733	3357807	+	1	118	K.AVVFDRHPEIGLLTFGIPAFKLEK.E	29
PLOG+6615	proteomics_log	3357733	3357822	+	1	174	K.AVVFDRHPEIGLLTFGIPAFKLEKEVMTR.R	34
PLOG+6616	proteomics_log	3357757	3357807	+	1	3	P.EIGLLTFGIPAFKLEK.E	21
PLOG+6617	proteomics_log	3357829	3357861	+	1	5	R.EIFTGMGIEFK.L	15
PLOG+6618	proteomics_log	3357862	3357957	+	1	2	K.LNTEVGRDVLDDLLSDYDAVFLGVGTYQSM*R.G	37
PLOG+6619	proteomics_log	3357862	3357957	+	1	20	K.LNTEVGRDVLDDLLSDYDAVFLGVGTYQSMR.G	36
PLOG+6620	proteomics_log	3357883	3357957	+	1	2	R.DVQLDDLLSDYDAVFLGVGTYQSMR.G	29

PLOG+6621	proteomics_log	3357883	3357957	+	1	2	R.DVQLDDLLSDYDAVFLGVGTYSQSM*R.G	30
PLOG+6622	proteomics_log	3357958	3358053	+	1	2	R.GGLENEDADGVYAALPFLIANTKQLMGFGETR.D	36
PLOG+6623	proteomics_log	3357958	3358026	+	1	102	R.GGLENEDADGVYAALPFLIANTK.Q	27
PLOG+6624	proteomics_log	3358054	3358083	+	1	3	R.DEPFVSM*EGK.R	15
PLOG+6625	proteomics_log	3358054	3358083	+	1	3	R.DEPFVSM*EGK.R	14
PLOG+6626	proteomics_log	3358087	3358131	+	1	3	N.VVVLGGGDTAMDCVR.T	19
PLOG+6627	proteomics_log	3358087	3358131	+	1	3	N.VVVLGGGDTAMDCVR.T	19
PLOG+6628	proteomics_log	3358177	3358206	+	1	24	R.RDEENMPGSR.R	14
PLOG+6629	proteomics_log	3358318	3358353	+	1	6	R.TEMGEPDAKGR.R	16
PLOG+6630	proteomics_log	3358318	3358350	+	1	88	R.TEMGEPDAKGR.R	15
PLOG+6631	proteomics_log	3358351	3358452	+	1	2	R.RRAEIVAGSEHIVPADAVIM*AFGFRPHNM*EWLAK.H	40
PLOG+6632	proteomics_log	3358354	3358452	+	1	2	R.RAEIVAGSEHIVPADAVIM*AFGFRPHNM*EWLAK.H	39
PLOG+6633	proteomics_log	3358354	3358452	+	1	5	R.RAEIVAGSEHIVPADAVIMAFGFRPHNM*EWLAK.H	38
PLOG+6634	proteomics_log	3358354	3358452	+	1	47	R.RAEIVAGSEHIVPADAVIMAFGFRPHNMEWLAK.H	37
PLOG+6635	proteomics_log	3358357	3358452	+	1	31	R.AEIVAGSEHIVPADAVIMAFGFRPHNMEWLAK.H	36
PLOG+6636	proteomics_log	3358453	3358533	+	1	9	K.HSVELDSQGR.IAPEGSDNAFQTSNPK.I	31
PLOG+6637	proteomics_log	3358453	3358482	+	1	72	K.HSVELDSQGR.I	14
PLOG+6638	proteomics_log	3358483	3358560	+	1	6	R.IIAPEGSDNAFQTSNPKIFAGGDIVR.G	30
PLOG+6639	proteomics_log	3358483	3358533	+	1	194	R.IIAPEGSDNAFQTSNPK.I	21
PLOG+6640	proteomics_log	3358534	3358635	+	1	3	K.IFAGGDIVRGSIDLVTIAEGRKAADGIMNWLEV.-	38
PLOG+6641	proteomics_log	3358534	3358560	+	1	17	K.IFAGGDIVR.G	13
PLOG+6642	proteomics_log	3358534	3358602	+	1	48	K.IFAGGDIVRGSIDLVTIAEGRK.A	27
PLOG+6643	proteomics_log	3358534	3358599	+	1	83	K.IFAGGDIVRGSIDLVTIAEGR.K	26
PLOG+6644	proteomics_log	3358561	3358635	+	1	2	R.GSDLVVTIAEGRKAADGIMNWLEV.-	29
PLOG+6645	proteomics_log	3358561	3358602	+	1	20	R.GSDLVVTIAEGRK.A	18
PLOG+6646	proteomics_log	3358561	3358599	+	1	131	R.GSDLVVTIAEGR.K	17
PLOG+6647	proteomics_log	3358600	3358635	+	1	2	R.KAADGIM*NWLEV.-	17
PLOG+6648	proteomics_log	3358600	3358635	+	1	175	R.KAADGIMNWLEV.-	16
PLOG+6649	proteomics_log	3358603	3358635	+	1	17	K.AADGIMNWLEV.-	15
PLOG+6650	proteomics_log	3365218	3365307	+	1	3	R.MDSMTTGKDSGGQSGVKYTLNGGGYISQTT.R	34
PLOG+6651	proteomics_log	3367302	3367328	+	3	2	I.ARAIPLFSR.R	13
PLOG+6652	proteomics_log	3370156	3370212	+	1	2	K.TTGFVTQMFWPAFNDIGGA.G	23
PLOG+6653	proteomics_log	3378387	3378425	+	3	2	R.SAELLDTM*AHDYR.Q	18
PLOG+6654	proteomics_log	3378387	3378425	+	3	34	R.SAELLDTM*AHDYR.Q	17
PLOG+6655	proteomics_log	3378387	3378449	+	3	44	R.SAELLDTM*AHDYRQLYQHMAK.S	25
PLOG+6656	proteomics_log	3378450	3378506	+	3	4	K.SSSLLPELSAEANPFRNR.L	23
PLOG+6657	proteomics_log	3378450	3378500	+	3	95	K.SSSLLPELSAEANPFR.N	21
PLOG+6658	proteomics_log	3378507	3378590	+	3	2	R.LAESEASNDQAPVQMPRDYSEGASGLLR.T	32
PLOG+6659	proteomics_log	3378507	3378557	+	3	5	R.LAESEASNDQAPVQM*PR.D	22
PLOG+6660	proteomics_log	3378507	3378557	+	3	34	R.LAESEASNDQAPVQMPR.D	21
PLOG+6661	proteomics_log	3378558	3378590	+	3	41	R.DYSEGASGLLR.T	15
PLOG+6662	proteomics_log	3378846	3378908	+	3	6	A.SIPGQVADQAPLPSLAPM*LEK.V	26
PLOG+6663	proteomics_log	3378846	3378908	+	3	10	A.SIPGQVADQAPLPSLAPMLEK.V	25
PLOG+6664	proteomics_log	3378936	3378986	+	3	2	R.VEGTASQGGKIQEPEFKK.F	21
PLOG+6665	proteomics_log	3378987	3379067	+	3	42	K.FFGDDLDPDQAPQPFEGLSGVIINASK.G	31
PLOG+6666	proteomics_log	3379068	3379112	+	3	3	K.GYVLTNNHVINQAQK.I	19

PLOG+6667	proteomics_log	3379155	3379214	+	3	2	K.LIGSDDQSDIALLQIQNPSK.L	24
PLOG+6668	proteomics_log	3379155	3379253	+	3	7	K.LIGSDDQSDIALLQIQNPSKLTQIAIADSDKLR.V	37
PLOG+6669	proteomics_log	3379254	3379337	+	3	60	R.VGDFAVAVGNPFGLGQTATSGIVSALGR.S	32
PLOG+6670	proteomics_log	3379338	3379397	+	3	4	R.SGLNLEGLENFIQTDASINR.G	24
PLOG+6671	proteomics_log	3379521	3379559	+	3	2	R.TLAQQQLIDFGEIK.R	17
PLOG+6672	proteomics_log	3379521	3379562	+	3	58	R.TLAQQQLIDFGEIKR.G	18
PLOG+6673	proteomics_log	3379563	3379610	+	3	2	R.GLLGIKGTMSADIKA.A	20
PLOG+6674	proteomics_log	3379611	3379634	+	3	8	K.AFNLDVQR.G	12
PLOG+6675	proteomics_log	3379635	3379679	+	3	5	R.GAFVSEVLPGSGSAK.A	19
PLOG+6676	proteomics_log	3379680	3379751	+	3	2	K.AGVKAGDIITSLNGKPLNSFAELR.S	28
PLOG+6677	proteomics_log	3379692	3379751	+	3	3	K.AGDIITSLNGKPLNSFAELR.S	24
PLOG+6678	proteomics_log	3379758	3379790	+	3	2	R.IATTEPGTKVK.L	15
PLOG+6679	proteomics_log	3380660	3380755	+	2	8	R.RVPHIGDVVLAIGNPYNLGGTITQGIISATGR.I	36
PLOG+6680	proteomics_log	3380663	3380755	+	2	10	R.VPHIGDVVLAIGNPYNLGGTITQGIISATGR.I	35
PLOG+6681	proteomics_log	3382731	3382769	+	3	2	R.SSAKQEELVKAFK.A	17
PLOG+6682	proteomics_log	3382731	3382760	+	3	3	R.SSAKQEELVK.A	14
PLOG+6683	proteomics_log	3383151	3383192	+	3	8	K.DLYEAILELFDQEL.-	18
PLOG+6684	proteomics_log	3383626	3383661	+	1	3	A.ADSIDAAQAQNR.E	16
PLOG+6685	proteomics_log	3386361	3386414	+	3	2	R.TGTRCARRTHSRLESIVA.I	22
PLOG+6686	proteomics_log	3388238	3388318	+	2	3	A.GAGIAYVPLMWVINEINRGELEILLPR.Y	31
PLOG+6687	proteomics_log	3388830	3388886	+	3	7	-.SGENEFAGGDIHLTATKVR.C	23
PLOG+6688	proteomics_log	3390543	3390569	+	3	2	R.TRNVIQNG.D	13
PLOG+6689	proteomics_log	3393465	3393533	+	3	7	L.AQPAGTALFQPDVVTAGYIAFVDR.H	27
PLOG+6690	proteomics_log	3400740	3400763	+	3	5	N.FTKQRIQR.T	12
PLOG+6691	proteomics_log	3401662	3401715	+	1	2	K.IIRNFPMIPGIDFAGTVR.T	22
PLOG+6692	proteomics_log	3401671	3401715	+	1	7	R.NFPMIPGIDFAGTVR.T	19
PLOG+6693	proteomics_log	3401734	3401814	+	1	5	R.FHAGQEVLLTGWGVGENHWGGLAEQAR.V	31
PLOG+6694	proteomics_log	3401815	3401862	+	1	4	R.VKGDWLVAMPQGLDAR.K	20
PLOG+6695	proteomics_log	3402100	3402132	+	1	2	R.DEFAESRPLEK.Q	15
PLOG+6696	proteomics_log	3402133	3402183	+	1	13	K.QVWAGAIIDTVGDKVLAK.V	21
PLOG+6697	proteomics_log	3402349	3402393	+	1	16	R.LVADLPESFYTQAAK.E	19
PLOG+6698	proteomics_log	3402349	3402459	+	1	95	R.LVADLPESFYTQAAKEISLSEAPNFAEAIINNQIQGR.T	41
PLOG+6699	proteomics_log	3402394	3402459	+	1	92	K.EISLSEAPNFAEAIINNQIQGR.T	26
PLOG+6700	proteomics_log	3403473	3403559	+	3	7	K.IKKLIELVEESGISELEISEGEEESVRISR.A	33
PLOG+6701	proteomics_log	3403479	3403550	+	3	31	K.KLIELVEESGISELEISEGEEESVR.I	28
PLOG+6702	proteomics_log	3403479	3403559	+	3	71	K.KLIELVEESGISELEISEGEEESVRISR.A	31
PLOG+6703	proteomics_log	3403710	3403757	+	3	4	R.SPMVGTFFYRTPSPDAK.A	20
PLOG+6704	proteomics_log	3403710	3403736	+	3	37	R.SPMVGTFFYR.T	13
PLOG+6705	proteomics_log	3403824	3403865	+	3	2	K.M*M*NQIEADKSGTVK.A	20
PLOG+6706	proteomics_log	3403866	3403925	+	3	164	K.AILVESGQPVEFDEPLVVIE.-	24
PLOG+6707	proteomics_log	3403939	3403968	+	1	3	N.MLDKIVIANR.G	14
PLOG+6708	proteomics_log	3404020	3404049	+	1	14	K.TVAVHSSADR.D	14
PLOG+6709	proteomics_log	3404020	3404058	+	1	19	K.TVAVHSSADRDLK.H	17
PLOG+6710	proteomics_log	3404113	3404229	+	1	12	K.SYLNIPAIISAAEITGAVAIHPGYGLSENANFAEQVER.S	43
PLOG+6711	proteomics_log	3404230	3404256	+	1	38	R.SGFIFIGPK.A	13
PLOG+6712	proteomics_log	3404272	3404313	+	1	2	R.LM*GDKVSAIAAM*KK.A	20

PLOG+6713	proteomics_log	3404272	3404313	+	1	2	R.LM*GDKVSAIAAMKK.A	19
PLOG+6714	proteomics_log	3404272	3404310	+	1	53	R.LMGDKVSAIAAMK.K	17
PLOG+6715	proteomics_log	3404272	3404313	+	1	124	R.LMGDKVSAIAAMKK.A	18
PLOG+6716	proteomics_log	3404449	3404496	+	1	5	R.VVRGDAELAQSISMTR.A	20
PLOG+6717	proteomics_log	3404509	3404544	+	1	37	K.AAFSNDMVYMEK.Y	16
PLOG+6718	proteomics_log	3404545	3404622	+	1	36	K.YLENPRHVEIQVLADGQGNAIYLAER.D	30
PLOG+6719	proteomics_log	3404644	3404697	+	1	4	R.HQKVVEEAPAPGITPELR.R	22
PLOG+6720	proteomics_log	3404644	3404700	+	1	40	R.HQKVVEEAPAPGITPELRR.Y	23
PLOG+6721	proteomics_log	3404653	3404697	+	1	11	K.VVEEAPAPGITPELR.R	19
PLOG+6722	proteomics_log	3404815	3404880	+	1	90	R.IQVEHPVTEMITGVDLIKEQLR.I	26
PLOG+6723	proteomics_log	3404881	3404931	+	1	3	R.IAAGQPLSIKQEEVHVR.G	21
PLOG+6724	proteomics_log	3404953	3405006	+	1	5	R.INAEDPNTFLPSPGKITR.F	22
PLOG+6725	proteomics_log	3405142	3405207	+	1	2	R.M*KNALQELIIDGIKTNVDLQIR.I	27
PLOG+6726	proteomics_log	3405142	3405183	+	1	17	R.MKNALQELIIDGIK.T	18
PLOG+6727	proteomics_log	3405142	3405207	+	1	179	R.MKNALQELIIDGIKTNVDLQIR.I	26
PLOG+6728	proteomics_log	3405148	3405207	+	1	3	K.NALQELIIDGIKTNVDLQIR.I	24
PLOG+6729	proteomics_log	3405148	3405183	+	1	3	K.NALQELIIDGIK.T	16
PLOG+6730	proteomics_log	3405184	3405207	+	1	2	K.TNVDLQIR.I	12
PLOG+6731	proteomics_log	3405208	3405264	+	1	3	R.IM*NDENFQHGGTNIHYLEK.K	24
PLOG+6732	proteomics_log	3405208	3405285	+	1	4	R.IM*NDENFQHGGTNIHYLEKGLQEK.-	31
PLOG+6733	proteomics_log	3405208	3405267	+	1	4	R.IMNDENFQHGGTNIHYLEKK.L	24
PLOG+6734	proteomics_log	3405208	3405267	+	1	4	R.IM*NDENFQHGGTNIHYLEKK.L	25
PLOG+6735	proteomics_log	3405208	3405264	+	1	19	R.IMNDENFQHGGTNIHYLEK.K	23
PLOG+6736	proteomics_log	3405265	3405285	+	1	2	K.KLGLQEK.-	11
PLOG+6737	proteomics_log	3407239	3407349	+	1	3	R.LWGD TDVIGLFD AETDMNDVVAILENH PLLGAGFAHK.I	41
PLOG+6738	proteomics_log	3407641	3407685	+	1	2	K.AIGIDIDPQAIQASR.D	19
PLOG+6739	proteomics_log	3409196	3409264	+	2	2	R.TFNAIEDASEQLEALEAYFENFA.-	27
PLOG+6740	proteomics_log	3409308	3409388	+	3	47	R.VNSDVLTVSTVNSQDQVTQKPLRDSVK.Q	31
PLOG+6741	proteomics_log	3409389	3409505	+	3	87	K.QALKNYFAQLNGQDVNDLYELVLAEEVEQPLLDMMVMQYTR.G	43
PLOG+6742	proteomics_log	3409401	3409505	+	3	97	K.NYFAQLNGQDVNDLYELVLAEEVEQPLLDMMVMQYTR.G	39
PLOG+6743	proteomics_log	3409521	3409547	+	3	40	R.AALMMGINR.G	13
PLOG+6744	proteomics_log	3412387	3412407	+	1	5	R.INLAYTK.V	11
PLOG+6745	proteomics_log	3412387	3412407	+	1	5	R.INLAYTK.V	11
PLOG+6746	proteomics_log	3427261	3427311	+	1	5	M.SDVLRPYRDLFPQIGQR.V	21
PLOG+6747	proteomics_log	3427312	3427353	+	1	2	R.VM*IDDSSVIGDVR.L	19
PLOG+6748	proteomics_log	3427312	3427353	+	1	11	R.VMIDDSSVIGDVR.L	18
PLOG+6749	proteomics_log	3427354	3427428	+	1	16	R.LADDVGIWPLVIRGDVHYVQIGAR.T	29
PLOG+6750	proteomics_log	3427354	3427395	+	1	145	R.LADDVGIWPLVIR.G	18
PLOG+6751	proteomics_log	3427396	3427428	+	1	6	R.GDVHYVQIGAR.T	15
PLOG+6752	proteomics_log	3427429	3427470	+	1	21	R.TNIQDGSM LHVTHK.S	18
PLOG+6753	proteomics_log	3427660	3427743	+	1	3	K.RLESGYLYLGSPVKQIRPLSDEEKAGLR.Y	32
PLOG+6754	proteomics_log	3428711	3428779	+	2	3	K.ESVQCVDEIIDGCQHAPIGM*FNI.Q	28
PLOG+6755	proteomics_log	3429538	3429612	+	1	2	T.LRAFSSYGFEVNGKLT LRVAITRVK.C	29
PLOG+6756	proteomics_log	3431715	3431750	+	3	9	M.SVLQVLHIPDER.L	16
PLOG+6757	proteomics_log	3431757	3431801	+	3	23	R.KVAKPVEEVNAEIQR.I	19
PLOG+6758	proteomics_log	3431802	3431882	+	3	2	R.IVDDMFETMYAEEGIGLAATQVDIHQR.I	31

PLOG+6759	proteomics_log	3431922	3431954	+	3	90	R.LVLINPELLEK.S	15
PLOG+6760	proteomics_log	3432254	3432289	+	2	14	R.IIFAGTPDFAAR.H	16
PLOG+6761	proteomics_log	3432290	3432364	+	2	63	R.HLDALLSSGHNVVGVFTQPDRPAGR.G	29
PLOG+6762	proteomics_log	3432878	3432913	+	2	2	R.IDWSLSAAQLER.C	16
PLOG+6763	proteomics_log	3433253	3433333	+	2	2	R.SMAAQAVEQVVEQGQSLSNILPPLQK.V	31
PLOG+6764	proteomics_log	3434255	3434323	+	2	47	R.DRDIPELAQLQSEILDAIWPHLK.T	27
PLOG+6765	proteomics_log	3434945	3434995	+	2	2	R.LIEYPGALQVVNFAEGK.V	21
PLOG+6766	proteomics_log	3435620	3435661	+	2	2	S.HVRKADIVGVSSLR.R	18
PLOG+6767	proteomics_log	3435887	3435913	+	2	3	R.LFQPSPFFL.-	13
PLOG+6768	proteomics_log	3441754	3441789	+	1	2	T.VAGVLADLTTR.L	16
PLOG+6769	proteomics_log	3450018	3450107	+	3	2	L.VNFLTIVLRTSSKGHATRTPDALDRTRTR.T	34
PLOG+6770	proteomics_log	3456784	3456825	+	1	3	R.IDGVLRTILQPNKK.L	18
PLOG+6771	proteomics_log	3464559	3464594	+	3	2	K.KNALNITIGVFH.L	16
PLOG+6772	proteomics_log	3469799	3469861	+	2	2	R.SADEYPCLLPGSLPADLLSAV.P	25
PLOG+6773	proteomics_log	3478098	3478151	+	3	2	R.NVRLPTPTTALTPVLGL.L	22
PLOG+6774	proteomics_log	3478226	3478273	+	2	2	R.INCNAIAVEDIARPMP.P	20
PLOG+6775	proteomics_log	3479764	3479811	+	1	2	S.GGWRMRLNLAQALICR.S	20
PLOG+6776	proteomics_log	3480034	3480075	+	1	2	R.LAQQQAMYESSQER.V	18
PLOG+6777	proteomics_log	3480379	3480429	+	1	2	K.LLAGELAPVSGEIGLAK.G	21
PLOG+6778	proteomics_log	3480934	3480993	+	1	2	Q.ARKDQKRREAELRAQTQPLR.K	24
PLOG+6779	proteomics_log	3482240	3482308	+	2	6	I.MLIPWQDLSPETLENLIESFVLR.E	27
PLOG+6780	proteomics_log	3483217	3483309	+	1	2	R.NLEGIDFPWLLAMLQGSFISHINTLVVPGGK.M	35
PLOG+6781	proteomics_log	3483310	3483354	+	1	2	K.MGLAMELIMLPLVQR.L	19
PLOG+6782	proteomics_log	3484223	3484249	+	2	2	K.STLIHQGEK.A	13
PLOG+6783	proteomics_log	3484223	3484276	+	2	15	K.STLIHQGEKAETLYYIVK.G	22
PLOG+6784	proteomics_log	3484448	3484489	+	2	4	K.FRQLIQVNPDILMR.L	18
PLOG+6785	proteomics_log	3484454	3484489	+	2	59	R.QLIQVNPDILMR.L	16
PLOG+6786	proteomics_log	3484511	3484534	+	2	3	R.RLQVTSEK.V	12
PLOG+6787	proteomics_log	3484511	3484570	+	2	50	R.RLQVTSEKVGNLAFLDVTGR.I	24
PLOG+6788	proteomics_log	3484514	3484570	+	2	19	R.LQVTSEKVGNLAFLDVTGR.I	23
PLOG+6789	proteomics_log	3484535	3484570	+	2	23	K.VGNLAFLDVTGR.I	16
PLOG+6790	proteomics_log	3484571	3484651	+	2	3	R.IAQTLNLAQKQPDAMTHPDGMQIKITR.Q	31
PLOG+6791	proteomics_log	3484571	3484600	+	2	25	R.IAQTLNLAQK.Q	14
PLOG+6792	proteomics_log	3484571	3484642	+	2	112	R.IAQTLNLAQKQPDAMTHPDGMQIK.I	28
PLOG+6793	proteomics_log	3484700	3484747	+	2	25	R.ILKMLEDNLNLSAHGK.T	20
PLOG+6794	proteomics_log	3484709	3484771	+	2	2	K.MLEDQNLISAHGKTIVVYGTR.-	25
PLOG+6795	proteomics_log	3484709	3484747	+	2	89	K.MLEDQNLISAHGK.T	17
PLOG+6796	proteomics_log	3484748	3484771	+	2	13	K.TIVVYGTR.-	12
PLOG+6797	proteomics_log	3484845	3484904	+	3	2	L.SPRYQLCTSTNAGAMFARGR.W	24
PLOG+6798	proteomics_log	3493839	3493886	+	3	2	R.LAMFGAQKDDLPEIWR.Q	20
PLOG+6799	proteomics_log	3496261	3496317	+	1	5	R.LLREKLESLLPLHLGQVAK.Y	23
PLOG+6800	proteomics_log	3497101	3497178	+	1	4	R.VIDGTLTQLGELAQQMNSPSLIIIIGR.V	30
PLOG+6801	proteomics_log	3506022	3506075	+	3	3	L.QNVVEVVFQIAVTNGDAR.K	22
PLOG+6802	proteomics_log	3506556	3506597	+	3	2	G.EINMQMLM*GEGVTR.R	19
PLOG+6803	proteomics_log	3508510	3508560	+	1	14	L.LARIKKIIVAINFKQHR.L	21
PLOG+6804	proteomics_log	3521772	3521804	+	3	2	R.KVQQAQAVR.N	15

PLOG+6805	proteomics_log	3522885	3522944	+	3	3	K.TGAQEYAPHVINTPLAFLIK.S	24
PLOG+6806	proteomics_log	3523311	3523346	+	3	4	R.STGQLANGGNSR.E	16
PLOG+6807	proteomics_log	3527370	3527399	+	3	2	A.M*KEKPAVEVR.L	15
PLOG+6808	proteomics_log	3527799	3527822	+	3	2	M.PQHDQLHR.Y	12
PLOG+6809	proteomics_log	3528639	3528671	+	3	3	R.NNASPADPQVH.-	15
PLOG+6810	proteomics_log	3530912	3530977	+	2	2	V.YNPSYDLLYQEELDPSLTGYER.G	26
PLOG+6811	proteomics_log	3530978	3531043	+	2	13	R.GVLTNLGAVAVDTGIFTGRSPK.D	26
PLOG+6812	proteomics_log	3530978	3531034	+	2	138	R.GVLTNLGAVAVDTGIFTGR.S	23
PLOG+6813	proteomics_log	3531107	3531157	+	2	2	K.GKNDNKPLSPETWQHLLK.G	21
PLOG+6814	proteomics_log	3531248	3531286	+	2	10	R.FITEVAWQAHFVK.N	17
PLOG+6815	proteomics_log	3531287	3531361	+	2	3	K.NM*FIRPSDEELAGFKPDFIVMNGAK.C	30
PLOG+6816	proteomics_log	3531287	3531361	+	2	89	K.NMFIRPSDEELAGFKPDFIVMNGAK.C	29
PLOG+6817	proteomics_log	3531383	3531433	+	2	6	K.EQGLNSENFAFNLTER.M	21
PLOG+6818	proteomics_log	3531434	3531478	+	2	2	R.MQLIGGTWYGGEMKK.G	19
PLOG+6819	proteomics_log	3531479	3531562	+	2	6	K.GMFSMMNYLLPLKGIASMHCSANVGEKG.D	32
PLOG+6820	proteomics_log	3531560	3531601	+	2	4	K.GDVAVFFGLSGTGK.T	18
PLOG+6821	proteomics_log	3531704	3531754	+	2	2	K.TIKLSKEAPEIYN AIR.R	21
PLOG+6822	proteomics_log	3531704	3531757	+	2	40	K.TIKLSKEAPEIYN AIRR.D	22
PLOG+6823	proteomics_log	3531722	3531754	+	2	6	K.EAPEIYN AIR.R	15
PLOG+6824	proteomics_log	3531758	3531787	+	2	6	R.DALLENVTVR.E	14
PLOG+6825	proteomics_log	3531839	3531907	+	2	2	R.VSYPIYHIDNIVKPVSKAGHATK.V	27
PLOG+6826	proteomics_log	3531839	3531889	+	2	7	R.VSYPIYHIDNIVKPVSK.A	21
PLOG+6827	proteomics_log	3531890	3531958	+	2	12	K.AGHATKVIFLTADAFGLVPPVSR.L	27
PLOG+6828	proteomics_log	3531908	3531958	+	2	191	K.VIFLTADAFGLVPPVSR.L	21
PLOG+6829	proteomics_log	3531959	3532027	+	2	24	R.LTADQTYHFLSGFTAKLAGTER.G	27
PLOG+6830	proteomics_log	3531959	3532009	+	2	184	R.LTADQTYHFLSGFTAK.L	21
PLOG+6831	proteomics_log	3532121	3532186	+	2	4	K.RM*QAAGAQA YLVNTGWNGTGKR.I	27
PLOG+6832	proteomics_log	3532124	3532186	+	2	6	R.MQAAGAQA YLVNTGWNGTGKR.I	25
PLOG+6833	proteomics_log	3532187	3532207	+	2	2	R.ISIKDTR.A	11
PLOG+6834	proteomics_log	3532208	3532330	+	2	3	R.AIIDAILNGSLDNAETFTLPMFNLAIPTELPGVDTKILDPR.N	45
PLOG+6835	proteomics_log	3532208	3532258	+	2	6	R.AIIDAILNGSLDNAETF.T	21
PLOG+6836	proteomics_log	3532208	3532315	+	2	118	R.AIIDAILNGSLDNAETFTLPMFNLAIPTELPGVDTK.I	40
PLOG+6837	proteomics_log	3532331	3532366	+	2	5	R.NTYASPEQWQEK.A	16
PLOG+6838	proteomics_log	3532331	3532459	+	2	6	R.NTYASPEQWQEK AETLAKLFIDNFDKYTDTPAGAALVAAGPKL.-	47
PLOG+6839	proteomics_log	3532331	3532384	+	2	12	R.NTYASPEQWQEK AETLAK.L	22
PLOG+6840	proteomics_log	3532367	3532459	+	2	64	K.AETLAKLFIDNFDKYTDTPAGAALVAAGPKL.-	35
PLOG+6841	proteomics_log	3532385	3532456	+	2	33	K.LFIDNFDKYTDTPAGAALVAAGPK.L	28
PLOG+6842	proteomics_log	3532385	3532459	+	2	357	K.LFIDNFDKYTDTPAGAALVAAGPKL.-	29
PLOG+6843	proteomics_log	3535431	3535523	+	3	2	R.IIAGEIQARPEQVDAAVRLLDEGNTVPFIAR.Y	35
PLOG+6844	proteomics_log	3535431	3535484	+	3	27	R.IIAGEIQARPEQVDAAVR.L	22
PLOG+6845	proteomics_log	3535485	3535523	+	3	79	R.LLDEGNTVPFIAR.Y	17
PLOG+6846	proteomics_log	3535524	3535568	+	3	22	R.YRKEITGGLDDTQLR.N	19
PLOG+6847	proteomics_log	3535533	3535568	+	3	4	K.EITGGLDDTQLR.N	16
PLOG+6848	proteomics_log	3535914	3535943	+	3	3	R.FAEDAALLAK.V	14
PLOG+6849	proteomics_log	3536313	3536345	+	3	2	R.AEDEAINVFAR.N	15
PLOG+6850	proteomics_log	3536346	3536387	+	3	31	R.NLHDLLMAAPAGLR.A	18

PLOG+6851	proteomics_log	3536430	3536504	+	3	2	K.VAVVDATGKLVATDTIYPHTGQAAK.A	29
PLOG+6852	proteomics_log	3536643	3536729	+	3	2	K.VIVSEAGASVYSASELAAQEPDLDVSLR.G	33
PLOG+6853	proteomics_log	3536751	3536795	+	3	7	R.RLQDPLAELVKIDPK.S	19
PLOG+6854	proteomics_log	3536769	3536849	+	3	5	L.AELVKIDPKSIGVGGYQHHDVSQTQLAR.K	31
PLOG+6855	proteomics_log	3536796	3536849	+	3	26	K.SIGVGGYQHHDVSQTQLAR.K	22
PLOG+6856	proteomics_log	3536979	3537005	+	3	3	R.DENGQFQNR.Q	13
PLOG+6857	proteomics_log	3537072	3537140	+	3	32	R.INHGDNPLDASTVHPEAYPVVER.I	27
PLOG+6858	proteomics_log	3537141	3537200	+	3	2	R.ILAATQQALKDLM*GNSSELR.N	25
PLOG+6859	proteomics_log	3537141	3537209	+	3	4	R.ILAATQQALKDLMGNSSELRNLK.A	27
PLOG+6860	proteomics_log	3537141	3537200	+	3	76	R.ILAATQQALKDLMGNSSELR.N	24
PLOG+6861	proteomics_log	3537567	3537599	+	3	22	R.LDEQPGETNAR.R	15
PLOG+6862	proteomics_log	3537654	3537725	+	3	3	R.GREAQPAGNSAM*M*DALAAAM*GKKR.-	31
PLOG+6863	proteomics_log	3537660	3537719	+	3	12	R.EAQPAGNSAMMDALAAAMGK.K	24
PLOG+6864	proteomics_log	3538429	3538509	+	1	2	T.M*KKLTIGLIGNPNSGKTTLFNQLTGSR.Q	32
PLOG+6865	proteomics_log	3538477	3538509	+	1	2	K.TTLFNQLTGSR.Q	15
PLOG+6866	proteomics_log	3539035	3539076	+	1	7	R.WLGLQMLEGDIYSR.A	18
PLOG+6867	proteomics_log	3543646	3543687	+	1	3	T.MIRISDAAQAHFAK.L	18
PLOG+6868	proteomics_log	3543655	3543723	+	1	9	R.ISDAAQAHFAKLLANQEEGTQIR.V	27
PLOG+6869	proteomics_log	3543655	3543687	+	1	104	R.ISDAAQAHFAK.L	15
PLOG+6870	proteomics_log	3543688	3543723	+	1	143	K.LLANQEEGTQIR.V	16
PLOG+6871	proteomics_log	3543817	3543936	+	1	4	K.FDLLTAYVDELSAPYLEDAEIDFVTDQLGSQLTLKAPNAK.M	44
PLOG+6872	proteomics_log	3543943	3543975	+	1	2	R.KVADDAPLM*ER.V	16
PLOG+6873	proteomics_log	3553130	3553225	+	2	5	V.IRLNQSLRITTSCKVNGATLPVHKSCWASLNR.Q	36
PLOG+6874	proteomics_log	3553195	3553263	+	1	6	R.AQILLGEFEPAEIVLEELNENAR.S	27
PLOG+6875	proteomics_log	3560036	3560110	+	2	36	S.METKDLIVIGGGINGAGIAADAAGR.G	29
PLOG+6876	proteomics_log	3560048	3560110	+	2	53	K.DLIVIGGGINGAGIAADAAGR.G	25
PLOG+6877	proteomics_log	3560198	3560263	+	2	14	R.YLEHYEFRLVSEALAEREVLLK.M	26
PLOG+6878	proteomics_log	3560198	3560221	+	2	29	R.YLEHYEFR.L	12
PLOG+6879	proteomics_log	3560222	3560248	+	2	6	R.LVSEALAER.E	13
PLOG+6880	proteomics_log	3560222	3560263	+	2	29	R.LVSEALAEREVLLK.M	18
PLOG+6881	proteomics_log	3560342	3560377	+	2	2	R.IGLFM*YDHLGKR.T	17
PLOG+6882	proteomics_log	3560342	3560407	+	2	4	R.IGLFM*YDHLGKRTSLPGSTGLR.F	27
PLOG+6883	proteomics_log	3560342	3560374	+	2	10	R.IGLFMYDHLGK.R	15
PLOG+6884	proteomics_log	3560342	3560377	+	2	12	R.IGLFMYDHLGKR.T	16
PLOG+6885	proteomics_log	3560375	3560407	+	2	2	K.RTSLPGSTGLR.F	15
PLOG+6886	proteomics_log	3560378	3560446	+	2	2	R.TSLPGSTGLRFGANSVLKPEIKR.G	27
PLOG+6887	proteomics_log	3560408	3560446	+	2	44	R.FGANSVLKPEIKR.G	17
PLOG+6888	proteomics_log	3560408	3560443	+	2	97	R.FGANSVLKPEIK.R	16
PLOG+6889	proteomics_log	3560486	3560542	+	2	3	R.LVLANAQMVVRKGGEVLTR.T	23
PLOG+6890	proteomics_log	3560486	3560521	+	2	4	R.LVLANAQMVVRK.G	16
PLOG+6891	proteomics_log	3560486	3560518	+	2	5	R.LVLANAQM*VVR.K	16
PLOG+6892	proteomics_log	3560486	3560518	+	2	98	R.LVLANAQMVVR.K	15
PLOG+6893	proteomics_log	3560499	3560594	+	3	2	P.TPRWWCVKAAKCLLGLAPLLAAKTACGLWKR.K	36
PLOG+6894	proteomics_log	3560519	3560542	+	2	17	R.KGGEVLTR.T	12
PLOG+6895	proteomics_log	3560549	3560635	+	2	2	R.ATSARRENLWIVEAEDIDTGKYSWQAR.G	33
PLOG+6896	proteomics_log	3560564	3560617	+	2	41	R.RENLWIVEAEDIDTGKK.Y	22

PLOG+6897	proteomics_log	3560564	3560635	+	2	46	R.RENGLWIVEAEDIDTGKKYSWQAR.G	28
PLOG+6898	proteomics_log	3560636	3560716	+	2	2	R.GLVNATGPWVKQFFDDGM*HLPSPYGIR.L	32
PLOG+6899	proteomics_log	3560636	3560668	+	2	56	R.GLVNATGPWVK.Q	15
PLOG+6900	proteomics_log	3560636	3560716	+	2	93	R.GLVNATGPWVKQFFDDGMHLPSPYGIR.L	31
PLOG+6901	proteomics_log	3560669	3560716	+	2	51	K.QFFDDGMHLPSPYGIR.L	20
PLOG+6902	proteomics_log	3560717	3560749	+	2	78	R.LIKGSHIVVPR.V	15
PLOG+6903	proteomics_log	3560726	3560749	+	2	2	K.GSHIVVPR.V	12
PLOG+6904	proteomics_log	3560750	3560797	+	2	14	R.VHTQKQAYILQNECHKR.I	20
PLOG+6905	proteomics_log	3560765	3560797	+	2	2	K.QAYILQNECHKR.I	15
PLOG+6906	proteomics_log	3560876	3560941	+	2	56	K.AVKIEESEINYLLNVYNTHFKK.Q	26
PLOG+6907	proteomics_log	3560876	3560938	+	2	61	K.AVKIEESEINYLLNVYNTHFK.K	25
PLOG+6908	proteomics_log	3560885	3560941	+	2	9	K.IEELSEINYLLNVYNTHFKK.Q	23
PLOG+6909	proteomics_log	3560885	3560938	+	2	20	K.IEELSEINYLLNVYNTHFK.K	22
PLOG+6910	proteomics_log	3560996	3561031	+	2	4	C.DDES DSPQA ITR.D	16
PLOG+6911	proteomics_log	3561032	3561112	+	2	5	R.DYTLDIHDENGKAPLLSVFGGKLT TYR.K	31
PLOG+6912	proteomics_log	3561032	3561097	+	2	51	R.DYTLDIHDENGKAPLLSVFGGK.L	26
PLOG+6913	proteomics_log	3561113	3561238	+	2	2	R.KLAEHALEKLT PYYQGIGPAWTKESVLPGGAIEGDRDDYAAR.L	46
PLOG+6914	proteomics_log	3561113	3561181	+	2	17	R.KLAEHALEKLT PYYQGIGPAWTK.E	27
PLOG+6915	proteomics_log	3561113	3561139	+	2	24	R.KLAEHALEK.L	13
PLOG+6916	proteomics_log	3561116	3561139	+	2	12	K.LAEHALEK.L	12
PLOG+6917	proteomics_log	3561116	3561181	+	2	12	K.LAEHALEKLT PYYQGIGPAWTK.E	26
PLOG+6918	proteomics_log	3561140	3561181	+	2	11	K.LTPYYQGIGPAWTK.E	18
PLOG+6919	proteomics_log	3561182	3561238	+	2	11	K.ESVLPGGAIEGDRDDYAAR.L	23
PLOG+6920	proteomics_log	3561245	3561280	+	2	19	R.RRYPFLTESLAR.H	16
PLOG+6921	proteomics_log	3561248	3561280	+	2	11	R.RYPFLTESLAR.H	15
PLOG+6922	proteomics_log	3561251	3561280	+	2	21	R.YPFLTESLAR.H	14
PLOG+6923	proteomics_log	3561293	3561391	+	2	78	R.TYGSNSELL LGNAGTVSDLGEDFGHEFYEAELK.Y	37
PLOG+6924	proteomics_log	3561392	3561418	+	2	42	K.YLVDHEWVR.R	13
PLOG+6925	proteomics_log	3561419	3561442	+	2	35	R.RADDALWR.R	12
PLOG+6926	proteomics_log	3561446	3561487	+	2	3	R.TKQGM*WLNADQQSR.V	19
PLOG+6927	proteomics_log	3561446	3561487	+	2	22	R.TKQGMWLNADQQSR.V	18
PLOG+6928	proteomics_log	3561452	3561487	+	2	2	K.QGM*WLNADQQSR.V	17
PLOG+6929	proteomics_log	3561452	3561487	+	2	63	K.QGMWLNADQQSR.V	16
PLOG+6930	proteomics_log	3561488	3561538	+	2	2	R.VSQWLVEYTQQRSLAS.-	21
PLOG+6931	proteomics_log	3561488	3561523	+	2	86	R.VSQWLVEYTQQR.L	16
PLOG+6932	proteomics_log	3585203	3585241	+	2	5	R.VLQSQPGERNPAR.Q	17
PLOG+6933	proteomics_log	3596232	3596267	+	3	5	R.GVGQYLLEEVLR.N	16
PLOG+6934	proteomics_log	3602728	3602766	+	1	2	R.VVNSNAMSFLAQK.G	17
PLOG+6935	proteomics_log	3602812	3602940	+	1	3	R.GLLEETINLLEDNGWLAD EAL IYVESEVENGLPTVPANWSLHR.E	47
PLOG+6936	proteomics_log	3605815	3605922	+	1	3	R.VTAIHPATGISESELLT LAAAVEQ GATHPLAQAIVR.E	40
PLOG+6937	proteomics_log	3608224	3608280	+	1	3	K.AVIVIMGDDPKEDLAVLAK.R	23
PLOG+6938	proteomics_log	3608281	3608301	+	1	37	K.RLEDQQR.S	11
PLOG+6939	proteomics_log	3608302	3608337	+	1	30	R.SRDPQLQVVTNK.A	16
PLOG+6940	proteomics_log	3608338	3608394	+	1	3	K.AIELKGHKM*QQLDSIISAK.G	24
PLOG+6941	proteomics_log	3608362	3608394	+	1	13	K.MQQLDSIISAK.G	15
PLOG+6942	proteomics_log	3608488	3608532	+	1	29	K.AQTTAENIINTLVIQ.-	19

PLOG+6943	proteomics_log	3612371	3612448	+	2	8	R.AVAFETGDIDLLYEGNEGLPLDTFAR.F	30
PLOG+6944	proteomics_log	3612554	3612583	+	2	12	R.EALNYAVNKK.S	14
PLOG+6945	proteomics_log	3612584	3612703	+	2	12	K.SLIDNALYGTQQVADTLFAPSVPYANLGLKPSQYDPQKAK.A	44
PLOG+6946	proteomics_log	3612818	3612850	+	2	2	K.SMAEIIQADMR.Q	15
PLOG+6947	proteomics_log	3612851	3612919	+	2	2	R.QIGADVSLIGEEESSIYARQRDG.R	27
PLOG+6948	proteomics_log	3615937	3615966	+	1	3	R.SGCGKSTLAR.L	14
PLOG+6949	proteomics_log	3616620	3616676	+	3	29	R.VTITLDDDLLETLDLSLSQR.R	23
PLOG+6950	proteomics_log	3624231	3624314	+	3	10	R.ISADPVNTIASMVMLLMIAITPPNHAGS.R	32
PLOG+6951	proteomics_log	3636451	3636510	+	1	2	R.TRDAINNVEAYFEQHPALLK.Q	24
PLOG+6952	proteomics_log	3638137	3638199	+	1	206	M.AYKHILIAVDLSPESKVLVEK.A	25
PLOG+6953	proteomics_log	3638137	3638184	+	1	303	M.AYKHILIAVDLSPESK.V	20
PLOG+6954	proteomics_log	3638146	3638184	+	1	28	K.HILIAVDLSPESK.V	17
PLOG+6955	proteomics_log	3638185	3638232	+	1	2	K.VLVEKAVSM*ARPYNAK.V	21
PLOG+6956	proteomics_log	3638185	3638232	+	1	16	K.VLVEKAVSMARPYNAK.V	20
PLOG+6957	proteomics_log	3638200	3638232	+	1	8	K.AVSM*ARPYNAK.V	16
PLOG+6958	proteomics_log	3638200	3638232	+	1	175	K.AVSMARPYNAK.V	15
PLOG+6959	proteomics_log	3638233	3638313	+	1	7	K.VSLIHVDVNYSGLYDGLIDVNLGDMQK.R	31
PLOG+6960	proteomics_log	3638233	3638316	+	1	59	K.VSLIHVDVNYSGLYDGLIDVNLGDMQKR.I	32
PLOG+6961	proteomics_log	3638281	3638313	+	1	2	G.LIDVNLGDMQK.R	15
PLOG+6962	proteomics_log	3638314	3638436	+	1	3	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	45
PLOG+6963	proteomics_log	3638314	3638433	+	1	6	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	44
PLOG+6964	proteomics_log	3638317	3638448	+	1	10	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKKYDM*D.L	49
PLOG+6965	proteomics_log	3638317	3638436	+	1	21	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	44
PLOG+6966	proteomics_log	3638317	3638433	+	1	66	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	43
PLOG+6967	proteomics_log	3638488	3638565	+	1	51	K.LMSSARQLINTVHVDMLIVPLRDEEE.-	30
PLOG+6968	proteomics_log	3638506	3638565	+	1	15	R.QLINTVHVDM*LIVPLRDEEE.-	25
PLOG+6969	proteomics_log	3638506	3638565	+	1	334	R.QLINTVHVDMLIVPLRDEEE.-	24
PLOG+6970	proteomics_log	3643609	3643677	+	1	2	R.IWQQDDLPAELEAYINVVKHFN.R.S	27
PLOG+6971	proteomics_log	3643723	3643791	+	1	8	R.LLLREQDSLQLTELHPSDYPLLR.S	27
PLOG+6972	proteomics_log	3643816	3643854	+	1	2	R.ARVEKADGFQQLK.A	17
PLOG+6973	proteomics_log	3643966	3644010	+	1	5	R.FATGIYALWYPVVL.R.Q	19
PLOG+6974	proteomics_log	3644325	3644387	+	3	11	M.TKHYDYIAIGGGSGGIASIN.R.A	25
PLOG+6975	proteomics_log	3644472	3644501	+	3	3	K.KVMWHAAQIR.E	14
PLOG+6976	proteomics_log	3644502	3644585	+	3	42	R.EAIHMYGPDYGFDTTINKFNWETLIASR.T	32
PLOG+6977	proteomics_log	3644586	3644669	+	3	8	R.TAYIDRIHTSYENVLGKNNVDVIKGFAR.F	32
PLOG+6978	proteomics_log	3644604	3644669	+	3	3	R.IHTSYENVLGKNNVDVIKGFAR.F	26
PLOG+6979	proteomics_log	3644829	3644897	+	3	5	R.VAVVGAGYIAVELAGVINGLGAK.T	27
PLOG+6980	proteomics_log	3644934	3645017	+	3	42	R.SFDPMISETLVEVMNAEGPQLHTNAIPK.A	32
PLOG+6981	proteomics_log	3645294	3645401	+	3	3	R.LFNNKPDEHLDYSNIPTVVFSPPIGTVGLTEPQAR.E	40
PLOG+6982	proteomics_log	3645402	3645437	+	3	3	R.EQYGGDQVKVYK.S	16
PLOG+6983	proteomics_log	3645525	3645593	+	3	35	K.IVGIHGIGFGMDEMLQGFAVALK.M	27
PLOG+6984	proteomics_log	3645594	3645671	+	3	7	K.MGATKKDFDNTVAIHPTAAEEFVTMR.-	30
PLOG+6985	proteomics_log	3645609	3645671	+	3	2	K.KDFDNTVAIHPTAAEEFVTMR.-	25
PLOG+6986	proteomics_log	3647555	3647593	+	2	7	R.KDIPQNYDM*ALLK.S	18
PLOG+6987	proteomics_log	3652092	3652145	+	3	5	K.SFVAVHNQPGLYVGQQAR.F	22
PLOG+6988	proteomics_log	3652182	3652262	+	3	11	K.TDTLLEISVPLDSYAKPDIEANYQGR.L	31

PLOG+6989	proteomics_log	3657867	3657917	+	3	5	R.LDPIYVDLTQSVQDFLR.M	21
PLOG+6990	proteomics_log	3658365	3658409	+	3	28	R.AISSSQENASTESKQ.-	19
PLOG+6991	proteomics_log	3659757	3659846	+	3	2	R.ALVGIAVVLSAVFM*PM*AFM*SGATGEIYRQF.S	37
PLOG+6992	proteomics_log	3664905	3664928	+	3	20	G.VGLEFIQR.I	12
PLOG+6993	proteomics_log	3672809	3672868	+	2	5	I.MQATATLDHEQEYTPINSR.N	24
PLOG+6994	proteomics_log	3672983	3673090	+	2	4	D.PTAATLQSLATFAIAFVARPIGSVFGHFGDRVGRK.A	40
PLOG+6995	proteomics_log	3678090	3678128	+	3	6	R.THNAGVKEVVVKR.G	17
PLOG+6996	proteomics_log	3678207	3678263	+	3	2	K.VIDTTAAGDSFSAGYLAVR.L	23
PLOG+6997	proteomics_log	3678264	3678299	+	3	2	R.LTGGSAEDAANKR.G	16
PLOG+6998	proteomics_log	3678264	3678296	+	3	2	R.LTGGSAEDAANKR	15
PLOG+6999	proteomics_log	3678264	3678335	+	3	4	R.LTGGSAEDAANKRGHLTASTVIQYR.G	28
PLOG+7000	proteomics_log	3690296	3690325	+	2	5	S.IAFVTTSSLR.I	14
PLOG+7001	proteomics_log	3697476	3697535	+	3	4	R.AQKFFDELDAFFTELEKSGR.K	24
PLOG+7002	proteomics_log	3697476	3697526	+	3	9	R.AQKFFDELDAFFTELEK.S	21
PLOG+7003	proteomics_log	3697485	3697526	+	3	12	K.FFDELDAFFTELEK.S	18
PLOG+7004	proteomics_log	3697794	3697907	+	3	2	K.LTSGLPQTAPVSENSNAVVIQYQDKPYVRLNGGDWVPY.P	42
PLOG+7005	proteomics_log	3702305	3702337	+	2	18	N.RRAENCHQHQR.Q	15
PLOG+7006	proteomics_log	3715387	3715521	+	1	2	R.LQEFTVHVQVANLSPQTVEQNAAIFAEAEGLLSNENVNAALEK.M	49
PLOG+7007	proteomics_log	3715537	3715596	+	1	9	R.ATSTISVGYDNFVDALTAR.K	24
PLOG+7008	proteomics_log	3715597	3715680	+	1	2	R.KILLMHTPTVLTETVADTLM*ALVLSTAR.R	33
PLOG+7009	proteomics_log	3715597	3715680	+	1	7	R.KILLM*HTPTVLTETVADTLMALVLSTAR.R	33
PLOG+7010	proteomics_log	3715597	3715680	+	1	2	R.KILLM*HTPTVLTETVADTLM*ALVLSTAR.R	34
PLOG+7011	proteomics_log	3715597	3715683	+	1	37	R.KILLMHTPTVLTETVADTLMALVLSTARR.V	33
PLOG+7012	proteomics_log	3715597	3715680	+	1	145	R.KILLMHTPTVLTETVADTLMALVLSTAR.R	32
PLOG+7013	proteomics_log	3715600	3715683	+	1	2	K.ILLM*HTPTVLTETVADTLM*ALVLSTARR.V	34
PLOG+7014	proteomics_log	3715600	3715683	+	1	2	K.ILLMHTPTVLTETVADTLMALVLSTARR.V	32
PLOG+7015	proteomics_log	3715600	3715680	+	1	7	K.ILLM*HTPTVLTETVADTLM*ALVLSTAR.R	33
PLOG+7016	proteomics_log	3715600	3715680	+	1	36	K.ILLMHTPTVLTETVADTLMALVLSTAR.R	31
PLOG+7017	proteomics_log	3715705	3715797	+	1	2	R.VKAGEWTASIGPDWYGTVDVHHKTLGIVGMGR.I	35
PLOG+7018	proteomics_log	3715771	3715797	+	1	3	K.TLGIVGMGR.I	13
PLOG+7019	proteomics_log	3715798	3715821	+	1	2	R.IGM*ALAQR.A	13
PLOG+7020	proteomics_log	3715798	3715821	+	1	38	R.IGMALAQR.A	12
PLOG+7021	proteomics_log	3715822	3715863	+	1	20	R.AHFGFNMPILYNAR.R	18
PLOG+7022	proteomics_log	3716008	3716088	+	1	2	K.MKSSAIFINAGRGPVVDENALIAALQK.G	31
PLOG+7023	proteomics_log	3716014	3716088	+	1	2	K.SSAIFINAGRGPVVDENALIAALQK.G	29
PLOG+7024	proteomics_log	3716215	3716268	+	1	3	R.YGMAACAVDNLIDALQK.V	22
PLOG+7025	proteomics_log	3718075	3718101	+	1	4	M.SGKMTGIVK.W	13
PLOG+7026	proteomics_log	3718201	3718281	+	1	11	K.SLDEGQKVSFTIESGAKGPAAGNVTSL.-	31
PLOG+7027	proteomics_log	3719311	3719385	+	1	2	H.LKALSKPKYADVKKRISEIYHENR.G	29
PLOG+7028	proteomics_log	3726389	3726415	+	2	7	A.RRKDKAETK.L	13
PLOG+7029	proteomics_log	3729913	3730017	+	1	2	R.IAAGTQTMVYKPITLLANTA AEI AVELGNGQEPK.A	39
PLOG+7030	proteomics_log	3737812	3737913	+	1	5	R.TPGAIMLGGGNPAQIPEMQDYFQTLTDMLESGK.A	38
PLOG+7031	proteomics_log	3737956	3737991	+	1	2	K.TELLTLLAGMLR.E	16
PLOG+7032	proteomics_log	3738892	3738978	+	1	17	R.MNYVPEPEKIEAGVKILAEIEERAWAESH.-	33
PLOG+7033	proteomics_log	3744201	3744251	+	3	3	L.RFGYETSQTDSQHIAAK.K	21
PLOG+7034	proteomics_log	3744312	3744356	+	3	3	P.DSTLGN AQAM*ISGVR.G	20

PLOG+7035	proteomics_log	3746672	3746752	+	2	2	L.LKDSVDIVEAGTILCLNEGLGAVKALR.E	31
PLOG+7036	proteomics_log	3749236	3749298	+	1	2	S.SLYPALAINTTCSPIGYFAVR.L	25
PLOG+7037	proteomics_log	3764807	3764866	+	2	4	A.FAISVINDKATIPLLINLLK.D	24
PLOG+7038	proteomics_log	3767034	3767066	+	3	2	S.WNVNDPGASNR.K	15
PLOG+7039	proteomics_log	3770796	3770858	+	3	2	G.VNFMVVHDMPLASIFVEPAK.I	25
PLOG+7040	proteomics_log	3771279	3771317	+	3	2	V.SFVVSAILLKTSK.V	17
PLOG+7041	proteomics_log	3771621	3771695	+	3	64	R.QVPQAQHISLTNFLDSGLYTSALTER.L	29
PLOG+7042	proteomics_log	3771714	3771788	+	3	2	R.HTANEEKVKDSLKDSFDDSSANLFK.L	29
PLOG+7043	proteomics_log	3771714	3771818	+	3	4	R.HTANEEKVKDSLKDSFDDSSANLFKLGAEINFLGR.K	39
PLOG+7044	proteomics_log	3771789	3771818	+	3	28	K.LGAENIFLGR.K	14
PLOG+7045	proteomics_log	3771819	3771848	+	3	8	R.KAATKEEAIR.F	14
PLOG+7046	proteomics_log	3772038	3772067	+	3	7	R.FGEEEDDIAR.L	14
PLOG+7047	proteomics_log	3772068	3772091	+	3	2	R.LVIGIAAR.N	12
PLOG+7048	proteomics_log	3772092	3772214	+	3	2	R.NNEHIQVITSLTNALDDESVIERLAHTTSVDEVLELLAGRK.-	45
PLOG+7049	proteomics_log	3772092	3772160	+	3	17	R.NNEHIQVITSLTNALDDESVIER.L	27
PLOG+7050	proteomics_log	3772161	3772211	+	3	3	R.LAHTTSVDEVLELLAGR.K	21
PLOG+7051	proteomics_log	3772161	3772214	+	3	86	R.LAHTTSVDEVLELLAGRK.-	22
PLOG+7052	proteomics_log	3772447	3772485	+	1	3	T.M*KALHFGAGNIGR.G	18
PLOG+7053	proteomics_log	3772447	3772485	+	1	56	T.MKALHFGAGNIGR.G	17
PLOG+7054	proteomics_log	3772453	3772485	+	1	18	K.ALHFGAGNIGR.G	15
PLOG+7055	proteomics_log	3772486	3772575	+	1	7	R.GFIGKLLADAGIQLTFADVNVQVLDALNAR.H	34
PLOG+7056	proteomics_log	3772501	3772575	+	1	147	K.LLADAGIQLTFADVNVQVLDALNAR.H	29
PLOG+7057	proteomics_log	3772729	3772761	+	1	11	R.IAPAIKQVK.R	15
PLOG+7058	proteomics_log	3772822	3772875	+	1	3	R.GTTQLKGHVM*NALPEDAK.A	23
PLOG+7059	proteomics_log	3772822	3772875	+	1	8	R.GTTQLKGHVMNALPEDAK.A	22
PLOG+7060	proteomics_log	3772840	3772875	+	1	2	K.GHVMNALPEDAK.A	16
PLOG+7061	proteomics_log	3772876	3772923	+	1	5	K.AWVEEHVGFVDSAVDR.I	20
PLOG+7062	proteomics_log	3772924	3773004	+	1	23	R.IVPPSASATNDPLEVTVETFSEWIVDK.T	31
PLOG+7063	proteomics_log	3772990	3773079	+	1	5	E.WIVDKTQFKGALPNIPGMELTDNLMAFVER.K	34
PLOG+7064	proteomics_log	3773005	3773079	+	1	2	K.TQFKGALPNIPGMELTDNLMAFVER.K	29
PLOG+7065	proteomics_log	3773017	3773079	+	1	3	K.GALPNIPGM*ELTDNLMAFVER.K	26
PLOG+7066	proteomics_log	3773017	3773079	+	1	85	K.GALPNIPGMELTDNLMAFVER.K	25
PLOG+7067	proteomics_log	3773080	3773130	+	1	39	R.KLFTLNTGHAITAYLGK.L	21
PLOG+7068	proteomics_log	3773083	3773130	+	1	5	K.LFTLNTGHAITAYLGK.L	20
PLOG+7069	proteomics_log	3773131	3773175	+	1	18	K.LAGHQTIRDAILDEK.I	19
PLOG+7070	proteomics_log	3773131	3773181	+	1	45	K.LAGHQTIRDAILDEKIR.A	21
PLOG+7071	proteomics_log	3773182	3773232	+	1	9	R.AVVKGAMEESGAVLIKR.Y	21
PLOG+7072	proteomics_log	3773194	3773232	+	1	10	K.GAMEESGAVLIKR.Y	17
PLOG+7073	proteomics_log	3773230	3773274	+	1	3	K.RYGFADADKHAAYIQK.I	19
PLOG+7074	proteomics_log	3773233	3773274	+	1	32	R.YGFADADKHAAYIQK.I	18
PLOG+7075	proteomics_log	3773275	3773322	+	1	41	K.ILGRFENPYLKDDVER.V	20
PLOG+7076	proteomics_log	3773365	3773412	+	1	3	R.LIKPLLGTLEYGLPHK.N	20
PLOG+7077	proteomics_log	3773365	3773451	+	1	15	R.LIKPLLGTLEYGLPHKNLIEGIAAAMHFR.S	33
PLOG+7078	proteomics_log	3773413	3773451	+	1	39	K.NLIEGIAAAMHFR.S	17
PLOG+7079	proteomics_log	3773452	3773583	+	1	5	R.SEDDPQAQELAALIADKGPQAALAQISGLDANSEVVSEAVTAYK.A	48
PLOG+7080	proteomics_log	3774688	3774717	+	1	3	H.M*KEVEKNEIK.R	15

PLOG+7081	proteomics_log	3774688	3774720	+	1	6	H.M*KEVEKNEIKR.L	16
PLOG+7082	proteomics_log	3774688	3774720	+	1	78	H.MKEVEKNEIKR.L	15
PLOG+7083	proteomics_log	3774721	3774840	+	1	4	R.LSDRLDAIRHQADLSLVEAADKYAELEKEKATLEAEIAR.L	44
PLOG+7084	proteomics_log	3774748	3774813	+	1	3	R.HQQADLSLVEAADKYAELEKEK.A	26
PLOG+7085	proteomics_log	3774841	3774885	+	1	5	R.LREVHSQKLSKEAQK.L	19
PLOG+7086	proteomics_log	3774841	3774873	+	1	5	R.LREVHSQKLSK.E	15
PLOG+7087	proteomics_log	3774910	3774954	+	1	14	R.AITKKEQADMGLKK.S	19
PLOG+7088	proteomics_log	3774910	3774945	+	1	22	R.AITKKEQADMGL.L	16
PLOG+7089	proteomics_log	3774964	3775002	+	1	2	R.GLVVHHPM*TALGR.E	18
PLOG+7090	proteomics_log	3774964	3775002	+	1	96	R.GLVVHPMTALGR.E	17
PLOG+7091	proteomics_log	3775003	3775038	+	1	2	R.EM*GLQEM*TGFSK.T	18
PLOG+7092	proteomics_log	3775003	3775038	+	1	60	R.EMGLQEMTGFSK.T	16
PLOG+7093	proteomics_log	3775698	3775757	+	3	2	K.ISVKTGQFDIIRSSILSITP.D	24
PLOG+7094	proteomics_log	3777850	3777894	+	1	28	R.MIISAASDYRAAAQR.I	19
PLOG+7095	proteomics_log	3777850	3777879	+	1	35	R.MIISAASDYR.A	14
PLOG+7096	proteomics_log	3777958	3777993	+	1	5	R.RNVEDLSEVALR.Q	16
PLOG+7097	proteomics_log	3777961	3777993	+	1	24	R.NVEDLSEVALR.Q	15
PLOG+7098	proteomics_log	3778000	3778053	+	1	3	R.ILKNMSDLSLETTLFNEK.L	22
PLOG+7099	proteomics_log	3778009	3778053	+	1	9	K.NMSDLSLETTLFNEK.L	19
PLOG+7100	proteomics_log	3778342	3778392	+	1	9	R.YRDAHSGMSGPNAAMRR.Y	21
PLOG+7101	proteomics_log	3778342	3778389	+	1	13	R.YRDAHSGMSGPNAAMR.R	20
PLOG+7102	proteomics_log	3778630	3778683	+	1	2	R.DAVRFGADGIVVSNHGGR.Q	22
PLOG+7103	proteomics_log	3778642	3778683	+	1	8	R.FGADGIVVSNHGGR.Q	18
PLOG+7104	proteomics_log	3778684	3778713	+	1	16	R.QLDGVLSAR.A	14
PLOG+7105	proteomics_log	3778714	3778779	+	1	15	R.ALPAIADAVKGDIAILADSGIR.N	26
PLOG+7106	proteomics_log	3778714	3778800	+	1	82	R.ALPAIADAVKGDIAILADSGIRNGLDVVR.M	33
PLOG+7107	proteomics_log	3778801	3778839	+	1	45	R.MIALGADTVLLGR.A	17
PLOG+7108	proteomics_log	3778840	3778944	+	1	2	R.AFLYALATAGQAGVANLLNLIKEMKVAMTLTGAK.S	39
PLOG+7109	proteomics_log	3778840	3778917	+	1	5	R.AFLYALATAGQAGVANLLNLIKEM*K.V	31
PLOG+7110	proteomics_log	3778840	3778908	+	1	21	R.AFLYALATAGQAGVANLLNLIK.E	27
PLOG+7111	proteomics_log	3778840	3778917	+	1	55	R.AFLYALATAGQAGVANLLNLIKEMK.V	30
PLOG+7112	proteomics_log	3778867	3778917	+	1	5	A.GQAGVANLLNLIKEMK.V	21
PLOG+7113	proteomics_log	3778945	3779025	+	1	4	K.SISEITQDSLQGLGKELPAALAPM*AK.G	32
PLOG+7114	proteomics_log	3778945	3778992	+	1	6	K.SISEITQDSLQGLGK.E	20
PLOG+7115	proteomics_log	3778945	3779025	+	1	35	K.SISEITQDSLQGLGKELPAALAPMAK.G	31
PLOG+7116	proteomics_log	3778945	3779037	+	1	39	K.SISEITQDSLQGLGKELPAALAPMAKGNAA.-	35
PLOG+7117	proteomics_log	3783283	3783375	+	1	3	A.M*LVSKKPM*VLVILDGYGYREEQQDNAIFSAK.T	37
PLOG+7118	proteomics_log	3783283	3783375	+	1	49	A.MLVSKKPMVLVILDGYGYREEQQDNAIFSAK.T	35
PLOG+7119	proteomics_log	3783298	3783375	+	1	21	K.KPMVLVILDGYGYREEQQDNAIFSAK.T	30
PLOG+7120	proteomics_log	3783376	3783459	+	1	121	K.TPVMDALWANRPHTLIDASGLEVLGLPDR.Q	32
PLOG+7121	proteomics_log	3783508	3783531	+	1	4	R.IVYQDLTR.L	12
PLOG+7122	proteomics_log	3783508	3783555	+	1	70	R.IVYQDLTRLDVEIKDR.A	20
PLOG+7123	proteomics_log	3783532	3783555	+	1	4	R.LDVEIKDR.A	12
PLOG+7124	proteomics_log	3783556	3783597	+	1	33	R.AFFANPVLTGAVDK.A	18
PLOG+7125	proteomics_log	3783556	3783603	+	1	63	R.AFFANPVLTGAVDKAK.N	20
PLOG+7126	proteomics_log	3783616	3783705	+	1	11	K.AVHIMGLLSAGGVHSHEDHIMAMVELAAER.G	34

PLOG+7127	proteomics_log	3783718	3783747	+	1	7	K.IYLHAFDGR.D	14
PLOG+7128	proteomics_log	3783763	3783816	+	1	2	R.SAESSLKKFEEKFAALGK.G	22
PLOG+7129	proteomics_log	3783763	3783798	+	1	3	R.SAESSLKKFEEK.F	16
PLOG+7130	proteomics_log	3783763	3783822	+	1	20	R.SAESSLKKFEEKFAALGKGR.V	24
PLOG+7131	proteomics_log	3783889	3783969	+	1	9	K.AYDLLTLAQGEFQADTAVAGLQAAYAR.D	31
PLOG+7132	proteomics_log	3784009	3784071	+	1	2	R.AEGQPDAAM*EDGDALIFMNR.A	26
PLOG+7133	proteomics_log	3784009	3784071	+	1	10	R.AEGQPDAAMEDGDALIFMNR.A	25
PLOG+7134	proteomics_log	3784099	3784134	+	1	88	R.AFVNADFDGFAR.K	16
PLOG+7135	proteomics_log	3784135	3784191	+	1	2	R.KKVVNVDFVM*LTEYAADIK.T	24
PLOG+7136	proteomics_log	3784135	3784191	+	1	7	R.KKVVNVDFVMLTEYAADIK.T	23
PLOG+7137	proteomics_log	3784192	3784251	+	1	3	K.TAVAYPPASLVNTFGEWMAK.N	24
PLOG+7138	proteomics_log	3784273	3784353	+	1	4	R.ISETEKYAHVTFFFNGGVEESFKGEDR.I	31
PLOG+7139	proteomics_log	3784354	3784428	+	1	2	R.ILINSPKVATYDLQPEMSSAELTEK.L	29
PLOG+7140	proteomics_log	3784375	3784446	+	1	4	K.VATYDLQPEMSSAELTEKLVAAIK.S	28
PLOG+7141	proteomics_log	3784375	3784428	+	1	5	K.VATYDLQPEM*SSAELTEK.L	23
PLOG+7142	proteomics_log	3784375	3784428	+	1	75	K.VATYDLQPEMSSAELTEK.L	22
PLOG+7143	proteomics_log	3784387	3784428	+	1	3	Y.DLQPEM*SSAELTEK.L	19
PLOG+7144	proteomics_log	3784531	3784572	+	1	10	K.AVEALDHCVEEVAK.A	18
PLOG+7145	proteomics_log	3784720	3784824	+	1	5	K.AVEGGKLSDIAPTMLSLMGMEIPQEM*TGKPLFIVE.-	40
PLOG+7146	proteomics_log	3784720	3784824	+	1	187	K.AVEGGKLSDIAPTMLSLMGMEIPQEMTGKPLFIVE.-	39
PLOG+7147	proteomics_log	3784738	3784824	+	1	2	K.LSDIAPTMLSLMGMEIPQEM*TGKPLFIVE.-	34
PLOG+7148	proteomics_log	3784738	3784824	+	1	125	K.LSDIAPTMLSLMGMEIPQEMTGKPLFIVE.-	33
PLOG+7149	proteomics_log	3785206	3785238	+	1	2	R.SLAAQLDAAFR.Q	15
PLOG+7150	proteomics_log	3792010	3792060	+	1	23	V.MIIVTGGAGFIGSNIVK.A	21
PLOG+7151	proteomics_log	3792061	3792123	+	1	27	K.ALNDKGITDILVVDNLKDGTK.F	25
PLOG+7152	proteomics_log	3792076	3792123	+	1	12	K.GITDILVVDNLKDGTK.F	20
PLOG+7153	proteomics_log	3792331	3792378	+	1	90	R.EIPFLYASSAATYGGR.T	20
PLOG+7154	proteomics_log	3792379	3792402	+	1	40	R.TSDFIESR.E	12
PLOG+7155	proteomics_log	3792403	3792465	+	1	12	R.EYEKPLNVYGYSKFLFDEYVR.Q	25
PLOG+7156	proteomics_log	3792403	3792441	+	1	16	R.EYEKPLNVYGYSK.F	17
PLOG+7157	proteomics_log	3792442	3792465	+	1	104	K.FLFDEYVR.Q	12
PLOG+7158	proteomics_log	3792466	3792507	+	1	25	R.QILPEANSQIVGFR.Y	18
PLOG+7159	proteomics_log	3792508	3792531	+	1	11	R.YFNVYGPR.E	12
PLOG+7160	proteomics_log	3792637	3792726	+	1	3	R.DFVYVGDVADVNLWFLENGVSIGIFNLGTGR.A	34
PLOG+7161	proteomics_log	3792778	3792822	+	1	5	K.GQIEYIPFPDKLKG.R.Y	19
PLOG+7162	proteomics_log	3792778	3792816	+	1	33	K.GQIEYIPFPDKLKG.G	17
PLOG+7163	proteomics_log	3792823	3792861	+	1	67	R.YQAFQTADLTNLR.A	17
PLOG+7164	proteomics_log	3792862	3792888	+	1	5	R.AAGYDKPFK.T	13
PLOG+7165	proteomics_log	3792862	3792933	+	1	9	R.AAGYDKPFKTVAEGVTEYMAWLN.R.D	28
PLOG+7166	proteomics_log	3792862	3792939	+	1	132	R.AAGYDKPFKTVAEGVTEYMAWLN.RDA.-	30
PLOG+7167	proteomics_log	3792889	3792933	+	1	7	K.TVAEGVTEYMAWLN.R.D	19
PLOG+7168	proteomics_log	3792889	3792939	+	1	12	K.TVAEGVTEYMAWLN.RDA.-	21
PLOG+7169	proteomics_log	3793897	3793995	+	1	2	R.KGDAAEGYHQSLIDITPQRVLEELNALLLQEEA.-	37
PLOG+7170	proteomics_log	3793954	3793995	+	1	8	R.VLEELNALLLQEEA.-	18
PLOG+7171	proteomics_log	3795154	3795228	+	1	3	R.GRQENYNIKNLILPLSIFLIGLLDL.I	29
PLOG+7172	proteomics_log	3808169	3808246	+	2	2	R.HLMPELESVFLMPSKEWSFISSSLVK.E	30

PLOG+7173	proteomics_log	3811144	3811185	+	1	3	R.AAATQHNLEVLASR.G	18
PLOG+7174	proteomics_log	3811249	3811314	+	1	2	R.M*LDPLTIVDMAVAHFSPVNDLK.H	27
PLOG+7175	proteomics_log	3811249	3811314	+	1	3	R.MLDPLTIVDM*AVAHFSPVNDLK.H	27
PLOG+7176	proteomics_log	3811249	3811314	+	1	19	R.MLDPLTIVDMAVAHFSPVNDLK.H	26
PLOG+7177	proteomics_log	3811372	3811398	+	1	5	R.YISNHSSGK.M	13
PLOG+7178	proteomics_log	3811399	3811431	+	1	9	K.MGFAIAAAAAAR.R	15
PLOG+7179	proteomics_log	3811435	3811494	+	1	2	R.GANVTLVSGPVSLPTPPFVK.R	24
PLOG+7180	proteomics_log	3811906	3811971	+	1	4	R.KELLGQLLLDEIVTRYDEKNRR.-	26
PLOG+7181	proteomics_log	3811906	3811950	+	1	14	R.KELLGQLLLDEIVTR.Y	19
PLOG+7182	proteomics_log	3811906	3811962	+	1	40	R.KELLGQLLLDEIVTRYDEK.N	23
PLOG+7183	proteomics_log	3811909	3811950	+	1	21	K.ELLGQLLLDEIVTR.Y	18
PLOG+7184	proteomics_log	3811991	3812053	+	2	26	R.VGKEFPLPTYATSGSAGLDR.A	25
PLOG+7185	proteomics_log	3812054	3812164	+	2	6	R.ACLNDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR.S	41
PLOG+7186	proteomics_log	3812165	3812263	+	2	3	R.SGLGHKHGIVLGNLVGLIDSDYQGQLMISVWNR.G	37
PLOG+7187	proteomics_log	3812264	3812299	+	2	75	R.GQDSFTIQPGER.I	16
PLOG+7188	proteomics_log	3812300	3812404	+	2	4	R.IAQMIFVPVVQAEFNLVEDFDATDRGEGGFGHSGR.Q	39
PLOG+7189	proteomics_log	3812300	3812407	+	2	26	R.IAQM*IFVPPVQAEFNLVEDFDATDRGEGGFGHSGRQ.-	41
PLOG+7190	proteomics_log	3812300	3812407	+	2	103	R.IAQMIFVPVVQAEFNLVEDFDATDRGEGGFGHSGRQ.-	40
PLOG+7191	proteomics_log	3812544	3812609	+	3	3	R.NRREEILQSLALMLESSDGSQR.I	26
PLOG+7192	proteomics_log	3814789	3814827	+	1	4	R.YLETYFRLPEQFR.S	17
PLOG+7193	proteomics_log	3814987	3815031	+	1	3	K.M*QSDEGEINPVDILR.W	20
PLOG+7194	proteomics_log	3814987	3815031	+	1	39	K.QSDEGEINPVDILR.W	19
PLOG+7195	proteomics_log	3815032	3815133	+	1	2	R.WPGVMAAQEQDLDAIAAEILAALDGTLDFFIVAR.E	38
PLOG+7196	proteomics_log	3815032	3815157	+	1	3	R.WPGVMAAQEQDLDAIAAEILAALDGTLDFFIVARETEGQALK.A	46
PLOG+7197	proteomics_log	3815032	3815133	+	1	2	R.WPGVM*AAQEQDLDAIAAEILAALDGTLDFFIVAR.E	39
PLOG+7198	proteomics_log	3815158	3815211	+	1	5	K.ALIEQRLEGVTAEVVKVR.S	22
PLOG+7199	proteomics_log	3815176	3815211	+	1	16	R.LEGVTAEVVKVR.S	16
PLOG+7200	proteomics_log	3815251	3815331	+	1	29	R.LVAKLEDAQVQLENNRLEQELVLLAQR.I	31
PLOG+7201	proteomics_log	3815263	3815331	+	1	7	K.LEDAQVQLENNRLEQELVLLAQR.I	27
PLOG+7202	proteomics_log	3815332	3815403	+	1	7	R.IDVAEELDRLEAHVKETYNILKKK.E	28
PLOG+7203	proteomics_log	3815332	3815397	+	1	81	R.IDVAEELDRLEAHVKETYNILK.K	26
PLOG+7204	proteomics_log	3815419	3815475	+	1	5	R.RLDFMMQEFNRESNTLASK.S	23
PLOG+7205	proteomics_log	3815476	3815517	+	1	55	K.SINA EVTNSAIELK.V	18
PLOG+7206	proteomics_log	3819454	3819501	+	1	4	M.AQGTLIVSAPSGAGK.S	20
PLOG+7207	proteomics_log	3819454	3819528	+	1	4	M.AQGTLIVSAPSGAGKSSLIQALLK.T	29
PLOG+7208	proteomics_log	3819502	3819528	+	1	12	K.SSLIQALLK.T	13
PLOG+7209	proteomics_log	3819859	3819897	+	1	3	R.GRGQDSEEVIAKR.M	17
PLOG+7210	proteomics_log	3819865	3819897	+	1	2	R.GQDSEEVIAKR.M	15
PLOG+7211	proteomics_log	3819895	3820002	+	1	2	K.RMAQAVAEMSHYA EYDYLVNDDFFDTALTDLKTIIR.A	40
PLOG+7212	proteomics_log	3819895	3819990	+	1	3	K.RMAQAVAEMSHYA EYDYLVNDDFFDTALTDLK.T	36
PLOG+7213	proteomics_log	3819898	3820011	+	1	7	R.MAQAVAEMSHYA EYDYLVNDDFFDTALTDLKTIIRAER.L	42
PLOG+7214	proteomics_log	3819898	3819990	+	1	14	R.MAQAVAEMSHYA EYDYLVNDDFFDTALTDLK.T	35
PLOG+7215	proteomics_log	3819898	3820002	+	1	50	R.MAQAVAEMSHYA EYDYLVNDDFFDTALTDLKTIIR.A	39
PLOG+7216	proteomics_log	3819901	3820002	+	1	2	M.AQAVAEMSHYA EYDYLVNDDFFDTALTDLKTIIR.A	38
PLOG+7217	proteomics_log	3820132	3820203	+	1	19	M.ARVTVQDAVEKIGNRFDLVLVAAR.R	28
PLOG+7218	proteomics_log	3820132	3820164	+	1	20	M.ARVTVQDAVEK.I	15

PLOG+7219	proteomics_log	3820138	3820164	+	1	2	R.VTVQDAVEK.I	13
PLOG+7220	proteomics_log	3820165	3820203	+	1	13	K.IGNRFDLVLVAAR.R	17
PLOG+7221	proteomics_log	3820213	3820329	+	1	2	R.QM*QVGGKDPLVPEENDKTTVIALREIEEGLINNQILDVR.E	44
PLOG+7222	proteomics_log	3820213	3820329	+	1	5	R.QMQVGGKDPLVPEENDKTTVIALREIEEGLINNQILDVR.E	43
PLOG+7223	proteomics_log	3820213	3820284	+	1	66	R.QMQVGGKDPLVPEENDKTTVIALR.E	28
PLOG+7224	proteomics_log	3820285	3820329	+	1	76	R.EIEEGLINNQILDVR.E	19
PLOG+7225	proteomics_log	3820330	3820398	+	1	17	R.ERQEQEQEAAELQAVTAIAEGR.R	27
PLOG+7226	proteomics_log	3820330	3820401	+	1	22	R.ERQEQEQEAAELQAVTAIAEGRR.-	28
PLOG+7227	proteomics_log	3820336	3820398	+	1	31	R.QEQEQEAAELQAVTAIAEGR.R	25
PLOG+7228	proteomics_log	3820336	3820401	+	1	69	R.QEQEQEAAELQAVTAIAEGRR.-	26
PLOG+7229	proteomics_log	3821191	3821214	+	1	2	S.IMDIYAFR.V	12
PLOG+7230	proteomics_log	3821965	3822045	+	1	2	R.MKLATLDDLLAEIGLGNAMSVVAKNL.Q	31
PLOG+7231	proteomics_log	3823093	3823128	+	1	2	R.LLFEGGYPVLAK.V	16
PLOG+7232	proteomics_log	3846062	3846139	+	2	3	R.LSPYNQSSSRHASRNAQPLPSQWE.-	30
PLOG+7233	proteomics_log	3848837	3848857	+	2	13	K.HRDLVKH.R	11
PLOG+7234	proteomics_log	3865916	3865987	+	2	2	K.SLAILDMPFTAVMDTLLLPWDVFR.K	28
PLOG+7235	proteomics_log	3865916	3865990	+	2	4	K.SLAILDMPFTAVMDTLLLPWDVFRK.D	29
PLOG+7236	proteomics_log	3866118	3866150	+	3	2	A.AFHPRQPLTIR.R	15
PLOG+7237	proteomics_log	3866491	3866523	+	1	2	R.RCTTPRGGAGR.V	15
PLOG+7238	proteomics_log	3877532	3877576	+	2	2	R.RMETPELRNDNSRRR.F	19
PLOG+7239	proteomics_log	3880548	3880571	+	3	2	T.ERDRRLER.R	12
PLOG+7240	proteomics_log	3882359	3882394	+	2	17	A.MKRTFQPSVLKR.N	16
PLOG+7241	proteomics_log	3882368	3882394	+	2	34	R.TFQPSVLKR.N	13
PLOG+7242	proteomics_log	3882422	3882457	+	2	79	R.MATKNGRQVLAR.R	16
PLOG+7243	proteomics_log	3882549	3882629	+	3	2	R.LLTPSQFTFVFQQPQRAGTPQITILGR.L	31
PLOG+7244	proteomics_log	3882549	3882584	+	3	3	R.LLTPSQFTFVFQ.Q	16
PLOG+7245	proteomics_log	3882549	3882596	+	3	17	R.LLTPSQFTFVFQQPQR.A	20
PLOG+7246	proteomics_log	3882630	3882653	+	3	4	R.LNSLGHPR.I	12
PLOG+7247	proteomics_log	3882738	3882785	+	3	4	R.LRQHELPAMDFVVAK.K	20
PLOG+7248	proteomics_log	3882786	3882812	+	3	2	K.KGVADLDNR.A	13
PLOG+7249	proteomics_log	3883291	3883323	+	1	11	K.TDVLDLTINTR.G	15
PLOG+7250	proteomics_log	3883366	3883449	+	1	14	K.ELNSTQPFQLLETSPQFIYQAQSGLTGR.D	32
PLOG+7251	proteomics_log	3883504	3883587	+	1	7	K.DAYVLAEGQNELQVPM*TYTDAAGNTFTK.T	33
PLOG+7252	proteomics_log	3885193	3885276	+	1	33	R.AFLNDKLDLAQAEAIADLIDASSEQAAR.S	32
PLOG+7253	proteomics_log	3885277	3885315	+	1	8	R.SALNSLQGAFSAR.V	17
PLOG+7254	proteomics_log	3885316	3885351	+	1	4	R.VNHLVEALTHLR.I	16
PLOG+7255	proteomics_log	3886024	3886071	+	1	4	R.HLQALEQAAEHLQQGK.A	20
PLOG+7256	proteomics_log	3886072	3886122	+	1	6	K.AQLLGAWAGELLAELR.L	21
PLOG+7257	proteomics_log	3886072	3886185	+	1	6	K.AQLLGAWAGELLAELRLAQQLNSEITGEFTSDDLLGR.I	42
PLOG+7258	proteomics_log	3886123	3886185	+	1	2	R.LAQQLNSEITGEFTSDDLLGR.I	25
PLOG+7259	proteomics_log	3886852	3886959	+	1	10	K.SGMNPFLLDSEDFIDLLTDSGTGAVTQSMQAAMMR.G	40
PLOG+7260	proteomics_log	3886960	3886986	+	1	2	R.GDEAYSGSR.S	13
PLOG+7261	proteomics_log	3887287	3887385	+	1	2	R.GIEEVGPNNVPIYIVATITSNSAGGQPVSLANLK.A	37
PLOG+7262	proteomics_log	3892678	3892749	+	1	3	M.SEKLQVVTLLGSLRKGSFNGM*VAR.T	29
PLOG+7263	proteomics_log	3892678	3892722	+	1	16	M.SEKLQVVTLLGSLRK.G	19
PLOG+7264	proteomics_log	3892678	3892719	+	1	65	M.SEKLQVVTLLGSLR.K	18

PLOG+7265	proteomics_log	3892687	3892719	+	1	15	K.LQVVTLGSLR.K	15
PLOG+7266	proteomics_log	3892720	3892749	+	1	3	R.KGSFNGMVAR.T	14
PLOG+7267	proteomics_log	3892762	3892887	+	1	3	K.IAPASM*EVNLPISIADIPLYDADVQEEGFPATVEALAEQIR.Q	47
PLOG+7268	proteomics_log	3892888	3892974	+	1	2	R.QADGVVIVTPEYNYSVPGGLKNAIDWLSR.L	33
PLOG+7269	proteomics_log	3892975	3893049	+	1	26	R.LPDQPLAGKPVLIQTSSMGVIGGAR.C	29
PLOG+7270	proteomics_log	3893140	3893229	+	1	7	K.VDPQTGEVIDQGTLDHLTGQLTAFGEFIQR.V	34
PLOG+7271	proteomics_log	3925178	3925207	+	2	7	K.MKTAYIAKQR.Q	14
PLOG+7272	proteomics_log	3925256	3925294	+	2	105	R.LGLIEVQAPILSR.V	17
PLOG+7273	proteomics_log	3925295	3925336	+	2	5	R.VGDGTQDNLSGCEK.A	18
PLOG+7274	proteomics_log	3925352	3925402	+	2	9	K.VKALPDAQFEVVHSLAK.W	21
PLOG+7275	proteomics_log	3925358	3925402	+	2	63	K.ALPDAQFEVVHSLAK.W	19
PLOG+7276	proteomics_log	3925412	3925468	+	2	3	R.QLTGQHDFHSAGEGLYTHMK.A	23
PLOG+7277	proteomics_log	3925469	3925540	+	2	20	K.ALRPDEDRLSPLHSVYVDQWDWER.V	28
PLOG+7278	proteomics_log	3925541	3925612	+	2	2	R.VMGDGERQFSTLKSTVEAIWAGIK.A	28
PLOG+7279	proteomics_log	3925580	3925612	+	2	4	K.STVEAIWAGIK.A	15
PLOG+7280	proteomics_log	3925718	3925789	+	2	2	L.DAKGRERAIKDLGAVFLVGIGGK.L	28
PLOG+7281	proteomics_log	3925739	3925789	+	2	42	R.AIAKDLGAVFLVGIGGK.L	21
PLOG+7282	proteomics_log	3925751	3925789	+	2	3	K.DLGAVFLVGIGGK.L	17
PLOG+7283	proteomics_log	3925820	3925942	+	2	16	R.APDYDDWSTPSELGHAGLNGDILVWNPVLEDAFELSSMGIR.V	45
PLOG+7284	proteomics_log	3926914	3926964	+	1	2	R.KVSICASLRGIDLASRE.R	21
PLOG+7285	proteomics_log	3929897	3929923	+	2	3	R.SIIANPEVL.H	13
PLOG+7286	proteomics_log	3931374	3931424	+	3	4	K.M*KKGTVLNSDISSVISR.L	22
PLOG+7287	proteomics_log	3931374	3931424	+	3	22	K.MKKGTVLNSDISSVISR.L	21
PLOG+7288	proteomics_log	3931680	3931736	+	3	2	R.YTTHEQFKQQTAESEQAVIR.S	23
PLOG+7289	proteomics_log	3932222	3932263	+	2	2	A.IFPSVTSKWLKSPK.C	18
PLOG+7290	proteomics_log	3934340	3934435	+	2	7	V.ALSATVSANAM*AKDTIALVVSTLNNPFFVSLK.D	37
PLOG+7291	proteomics_log	3934376	3934510	+	2	2	A.KDTIALVVSTLNNPFFVSLKDGAQKEADKLGYNLVVLD SQNNPAK.E	49
PLOG+7292	proteomics_log	3934376	3934435	+	2	80	A.KDTIALVVSTLNNPFFVSLK.D	24
PLOG+7293	proteomics_log	3934376	3934450	+	2	120	A.KDTIALVVSTLNNPFFVSLKDGAQK.E	29
PLOG+7294	proteomics_log	3934448	3934552	+	2	15	Q.KEADKLGYNLVVLD SQNNPAKELANVQDLTVRGTK.I	39
PLOG+7295	proteomics_log	3934451	3934543	+	2	19	K.EADKLGYNLVVLD SQNNPAKELANVQDLTVR.G	35
PLOG+7296	proteomics_log	3934511	3934543	+	2	17	K.ELANVQDLTVR.G	15
PLOG+7297	proteomics_log	3934553	3934645	+	2	74	K.ILLINPTDSDAVGNAV KMANQANIPVITLDR.Q	35
PLOG+7298	proteomics_log	3934553	3934603	+	2	217	K.ILLINPTDSDAVGNAV K.M	21
PLOG+7299	proteomics_log	3934604	3934645	+	2	5	K.M*ANQANIPVITLDR.Q	19
PLOG+7300	proteomics_log	3934604	3934645	+	2	144	K.MANQANIPVITLDR.Q	18
PLOG+7301	proteomics_log	3934604	3934705	+	2	5	K.MANQANIPVITLDRQATKGEVVSHIASDNVLGGK.I	38
PLOG+7302	proteomics_log	3934646	3934729	+	2	5	R.QATKGEVVSHIASDNVLGGKIAGDYIAK.K	32
PLOG+7303	proteomics_log	3934646	3934705	+	2	36	R.QATKGEVVSHIASDNVLGGK.I	24
PLOG+7304	proteomics_log	3934658	3934705	+	2	11	K.GEVVSHIASDNVLGGK.I	20
PLOG+7305	proteomics_log	3934706	3934732	+	2	9	K.IAGDYIAKK.A	13
PLOG+7306	proteomics_log	3934706	3934750	+	2	69	K.IAGDYIAKKAGEGAK.V	19
PLOG+7307	proteomics_log	3934730	3934798	+	2	5	K.KAGEGAKVIELQGIAGTSAARER.G	27
PLOG+7308	proteomics_log	3934730	3934792	+	2	7	K.KAGEGAKVIELQGIAGTSAAR.E	25
PLOG+7309	proteomics_log	3934751	3934792	+	2	132	K.VIELQGIAGTSAAR.E	18
PLOG+7310	proteomics_log	3934793	3934834	+	2	4	R.EREGGFQQA VAAHK.F	18

PLOG+7311	proteomics_log	3934793	3934873	+	2	8	R.EREGEFQQAVAAHKFNVLASQPADFDR.I	31
PLOG+7312	proteomics_log	3934793	3934879	+	2	10	R.EREGEFQQAVAAHKFNVLASQPADFDR.IK.G	33
PLOG+7313	proteomics_log	3934799	3934834	+	2	9	R.GEGFQQAVAAHK.F	16
PLOG+7314	proteomics_log	3934799	3934879	+	2	52	R.GEGFQQAVAAHKFNVLASQPADFDR.IK.G	31
PLOG+7315	proteomics_log	3934799	3934873	+	2	58	R.GEGFQQAVAAHKFNVLASQPADFDR.I	29
PLOG+7316	proteomics_log	3934835	3934873	+	2	5	K.FNVLASQPADFDR.I	17
PLOG+7317	proteomics_log	3934874	3934972	+	2	2	R.IKGLNVM*QNLLTAHPDVQAVFAQNDEM*ALGALR.A	39
PLOG+7318	proteomics_log	3934874	3934972	+	2	83	R.IKGLNVMQNLLTAHPDVQAVFAQNDEMALGALR.A	37
PLOG+7319	proteomics_log	3934880	3934972	+	2	5	K.GLNVM*QNLLTAHPDVQAVFAQNDEM*ALGALR.A	37
PLOG+7320	proteomics_log	3934880	3934972	+	2	11	K.GLNVMQNLLTAHPDVQAVFAQNDEM*ALGALR.A	36
PLOG+7321	proteomics_log	3934880	3934972	+	2	59	K.GLNVMQNLLTAHPDVQAVFAQNDEMALGALR.A	35
PLOG+7322	proteomics_log	3934994	3935041	+	2	2	K.SDVM*VVGFDGTPDGEK.A	21
PLOG+7323	proteomics_log	3934994	3935041	+	2	5	K.SDVMVVGFDGTPDGEK.A	20
PLOG+7324	proteomics_log	3934994	3935104	+	2	5	K.SDVMVVGFDGTPDGEKAVNDGKLAATIAQLPDQIGAK.G	41
PLOG+7325	proteomics_log	3935042	3935104	+	2	4	K.AVNDGKLAATIAQLPDQIGAK.G	25
PLOG+7326	proteomics_log	3935060	3935104	+	2	32	K.LAATIAQLPDQIGAK.G	19
PLOG+7327	proteomics_log	3935105	3935155	+	2	2	K.GVETADKVLKGEKVQAK.Y	21
PLOG+7328	proteomics_log	3935105	3935188	+	2	7	K.GVETADKVLKGEKVQAKYPVDLKL VVKQ.-	32
PLOG+7329	proteomics_log	3935105	3935173	+	2	17	K.GVETADKVLKGEKVQAKYPVDLK.L	27
PLOG+7330	proteomics_log	3935105	3935143	+	2	30	K.GVETADKVLKGEK.V	17
PLOG+7331	proteomics_log	3935144	3935173	+	2	7	K.VQAKYPVDLK.L	14
PLOG+7332	proteomics_log	3935144	3935188	+	2	22	K.VQAKYPVDLKL VVKQ.-	19
PLOG+7333	proteomics_log	3935156	3935188	+	2	2	K.YPVDLKL VVKQ.-	15
PLOG+7334	proteomics_log	3935446	3935475	+	1	24	K.GANQAVAAGR.S	14
PLOG+7335	proteomics_log	3935710	3935778	+	1	8	R.IANASALLM*QLESPLSVMAAAK.I	28
PLOG+7336	proteomics_log	3935710	3935778	+	1	110	R.IANASALLMQLESPLSVMAAAK.I	27
PLOG+7337	proteomics_log	3936049	3936144	+	1	5	R.VQAVDTIAAGDTFNGALITALLEEKPLPEAIR.F	36
PLOG+7338	proteomics_log	3936181	3936243	+	1	2	R.KGAQSPVPWREEIDAFDRQR.-	25
PLOG+7339	proteomics_log	3937959	3938006	+	3	2	I.QLATIFSPNSSIPLEK.R	20
PLOG+7340	proteomics_log	3938139	3938189	+	3	2	I.QCQVAQVTSTPPRTGPK.I	21
PLOG+7341	proteomics_log	3946112	3946138	+	2	20	M.AESFTTTNR.Y	13
PLOG+7342	proteomics_log	3946112	3946165	+	2	101	M.AESFTTTNRYFDNKHYPR.G	22
PLOG+7343	proteomics_log	3946139	3946165	+	2	6	R.YFDNKHYPR.G	13
PLOG+7344	proteomics_log	3946166	3946219	+	2	3	R.GFSRHGDFTIKEAQLLER.H	22
PLOG+7345	proteomics_log	3946178	3946219	+	2	213	R.HGDFTIKEAQLLER.H	18
PLOG+7346	proteomics_log	3946220	3946258	+	2	3	R.HGYAFNELDLGKR.E	17
PLOG+7347	proteomics_log	3946220	3946255	+	2	6	R.HGYAFNELDLGK.R	16
PLOG+7348	proteomics_log	3946220	3946282	+	2	6	R.HGYAFNELDLGKREPVEEEK.L	25
PLOG+7349	proteomics_log	3946220	3946306	+	2	35	R.HGYAFNELDLGKREPVEEEKLFVAVCRG.E	33
PLOG+7350	proteomics_log	3946304	3946348	+	2	9	R.GEREPVTEAERVWSK.Y	19
PLOG+7351	proteomics_log	3946304	3946336	+	2	40	R.GEREPVTEAER.V	15
PLOG+7352	proteomics_log	3946376	3946444	+	2	28	K.RFHTLSGGKPKQVEGAEDYTDSDD.-	27
PLOG+7353	proteomics_log	3948952	3948990	+	1	2	K.HSFLVQSLEELPR.I	17
PLOG+7354	proteomics_log	3950519	3950557	+	2	3	K.KADYIWFNGEMVR.W	17
PLOG+7355	proteomics_log	3950573	3950629	+	2	2	K.VHVM*SHALHYGTSVFEGIR.C	24
PLOG+7356	proteomics_log	3950573	3950629	+	2	14	K.VHVM*SHALHYGTSVFEGIR.C	23

PLOG+7357	proteomics_log	3950954	3951034	+	2	4	R.AAPNTIPTAAKAGGNYLSSLLVGSEAR.R	31
PLOG+7358	proteomics_log	3950954	3950986	+	2	5	R.AAPNTIPTAAK.A	15
PLOG+7359	proteomics_log	3950987	3951037	+	2	5	K.AGGNYLSSLLVGSEARR.H	21
PLOG+7360	proteomics_log	3950987	3951034	+	2	140	K.AGGNYLSSLLVGSEAR.R	20
PLOG+7361	proteomics_log	3951092	3951175	+	2	7	G.AGENLFEVKDGVLFPPFTSSALPGITR.D	32
PLOG+7362	proteomics_log	3951119	3951175	+	2	53	K.DGVLFPPFTSSALPGITR.D	23
PLOG+7363	proteomics_log	3951176	3951220	+	2	26	R.DAIIKLAKELGIEVR.E	19
PLOG+7364	proteomics_log	3951176	3951238	+	2	96	R.DAIIKLAKELGIEVREQVLSR.E	25
PLOG+7365	proteomics_log	3951191	3951220	+	2	5	K.LAKELGIEVR.E	14
PLOG+7366	proteomics_log	3951200	3951238	+	2	2	K.ELGIEVREQVLSR.E	17
PLOG+7367	proteomics_log	3951239	3951337	+	2	5	R.ESLYLADEVFMSGTAAEITPVRSVDGIQVGEGR.C	37
PLOG+7368	proteomics_log	3951305	3951337	+	2	72	R.SVDGIQVGEGR.C	15
PLOG+7369	proteomics_log	3951356	3951433	+	2	9	K.RIQQAFFGLFTGETEDKVGWLDQVNVQ.-	30
PLOG+7370	proteomics_log	3951359	3951433	+	2	5	R.IQQAFFGLFTGETEDKVGWLDQVNVQ.-	29
PLOG+7371	proteomics_log	3951570	3951662	+	3	7	R.ATGM*TDADFGKPIIAVVNSFTQFVPGHVHLR.D	36
PLOG+7372	proteomics_log	3951570	3951662	+	3	52	R.ATGMDADFGKPIIAVVNSFTQFVPGHVHLR.D	35
PLOG+7373	proteomics_log	3951906	3951956	+	3	4	R.LNIPVIFVSGGPMEAGK.T	21
PLOG+7374	proteomics_log	3951963	3952025	+	3	6	K.LSDQIIKLDLVDAMIQGADPK.V	25
PLOG+7375	proteomics_log	3952026	3952058	+	3	108	K.VSDSQSDQVER.S	15
PLOG+7376	proteomics_log	3952062	3952184	+	3	4	S.ACPTCGSCSGMFTANSMNCLTEALGLSQPGNGSLLATHADR.K	45
PLOG+7377	proteomics_log	3952236	3952271	+	3	19	R.YEQNDESALPR.N	16
PLOG+7378	proteomics_log	3952287	3952418	+	3	3	K.AAFENAMTLDIAMGGSTNTVLHLLAAQAEIDFTMSDIDKLSR.K	48
PLOG+7379	proteomics_log	3952461	3952484	+	3	3	K.YHMEDVHR.A	12
PLOG+7380	proteomics_log	3952485	3952541	+	3	7	R.AGGVIGILGELDRAGLLNR.D	23
PLOG+7381	proteomics_log	3952485	3952550	+	3	22	R.AGGVIGILGELDRAGLLNRDVK.N	26
PLOG+7382	proteomics_log	3952485	3952523	+	3	81	R.AGGVIGILGELDR.A	17
PLOG+7383	proteomics_log	3952551	3952637	+	3	7	K.NVLGLTLPQTLEQYDVMLTQDDAVKNMFR.A	33
PLOG+7384	proteomics_log	3952551	3952625	+	3	8	K.NVLGLTLPQTLEQYDVMLTQDDAVK.N	29
PLOG+7385	proteomics_log	3952659	3952688	+	3	2	R.TTQAFSQDCR.W	14
PLOG+7386	proteomics_log	3952812	3952859	+	3	2	K.TAGVDDSIKFTGPAK.V	20
PLOG+7387	proteomics_log	3952812	3952841	+	3	4	K.TAGVDDSIK.F	14
PLOG+7388	proteomics_log	3952860	3952907	+	3	12	K.VYESQDDAVEAILGGK.V	20
PLOG+7389	proteomics_log	3952953	3953000	+	3	34	K.GPGMQEMLYPTSFLK.S	20
PLOG+7390	proteomics_log	3953283	3953315	+	3	2	R.AYASLATSADK.G	15
PLOG+7391	proteomics_log	3953283	3953327	+	3	2	R.AYASLATSADKGAVR.D	19
PLOG+7392	proteomics_log	3953283	3953339	+	3	4	R.AYASLATSADKGAVRDKSK.L	23
PLOG+7393	proteomics_log	3953283	3953348	+	3	18	R.AYASLATSADKGAVRDKSKLGG.-	26
PLOG+7394	proteomics_log	3953357	3953407	+	2	5	M.ADSQPLSGAPEGAEYLR.A	21
PLOG+7395	proteomics_log	3953408	3953461	+	2	2	R.AVLRAPVYEAQVTPQLK.M	22
PLOG+7396	proteomics_log	3953894	3953956	+	2	3	L.DRVFVPGGGGLAAGVAVLIK.Q	25
PLOG+7397	proteomics_log	3955996	3956055	+	1	6	M.ANYFNLTNLRQQLAQLGKCR.F	24
PLOG+7398	proteomics_log	3955996	3956025	+	1	196	M.ANYFNLTNLR.Q	14
PLOG+7399	proteomics_log	3955996	3956049	+	1	206	M.ANYFNLTNLRQQLAQLGK.C	22
PLOG+7400	proteomics_log	3956008	3956049	+	1	4	F.NLTNLRQQLAQLGK.C	18
PLOG+7401	proteomics_log	3956011	3956049	+	1	2	N.TLTNLRQQLAQLGK.C	17
PLOG+7402	proteomics_log	3956026	3956049	+	1	12	R.QQLAQLGK.C	12

PLOG+7403	proteomics_log	3956056	3956097	+	1	3	R.FMGRDEFADGASYL.Q	18
PLOG+7404	proteomics_log	3956056	3956124	+	1	4	R.FMGRDEFADGASYLQGKKVVIVG.C	27
PLOG+7405	proteomics_log	3956056	3956109	+	1	9	R.FM*GRDEFADGASYLQGKK.V	23
PLOG+7406	proteomics_log	3956056	3956106	+	1	31	R.FM*GRDEFADGASYLQGK.K	22
PLOG+7407	proteomics_log	3956056	3956109	+	1	159	R.FMGRDEFADGASYLQGKK.V	22
PLOG+7408	proteomics_log	3956056	3956106	+	1	476	R.FMGRDEFADGASYLQGK.K	21
PLOG+7409	proteomics_log	3956068	3956109	+	1	12	R.DEFADGASYLQGKK.V	18
PLOG+7410	proteomics_log	3956068	3956106	+	1	142	R.DEFADGASYLQGK.K	17
PLOG+7411	proteomics_log	3956107	3956199	+	1	4	K.KVVIVGCGAQGLNQGLNMRDGLDISYALRK.E	35
PLOG+7412	proteomics_log	3956107	3956163	+	1	13	K.KVVIVGCGAQGLNQGLNMR.D	23
PLOG+7413	proteomics_log	3956110	3956199	+	1	3	K.VVIVGCGAQGLNQGLNMRDGLDISYALRK.E	34
PLOG+7414	proteomics_log	3956110	3956163	+	1	5	K.VVIVGCGAQGLNQGLNMR.D	22
PLOG+7415	proteomics_log	3956164	3956190	+	1	2	R.DSGLDISYA.L	13
PLOG+7416	proteomics_log	3956164	3956217	+	1	2	R.DSGLDISYALRKEAIAEK.R	22
PLOG+7417	proteomics_log	3956164	3956199	+	1	70	R.DSGLDISYALRK.E	16
PLOG+7418	proteomics_log	3956164	3956196	+	1	86	R.DSGLDISYALR.K	15
PLOG+7419	proteomics_log	3956164	3956220	+	1	90	R.DSGLDISYALRKEAIAEKR.A	23
PLOG+7420	proteomics_log	3956188	3956220	+	1	8	Y.ALKKEAIAEKR.A	15
PLOG+7421	proteomics_log	3956197	3956220	+	1	12	R.KEAIAEKR.A	12
PLOG+7422	proteomics_log	3956200	3956220	+	1	2	K.EAIAEKR.A	11
PLOG+7423	proteomics_log	3956221	3956340	+	1	2	R.ASWRKATENGFKVGTYEELIPQADLVINLTPDKQHSDVVR.T	44
PLOG+7424	proteomics_log	3956233	3956256	+	1	25	R.KATENGFK.V	12
PLOG+7425	proteomics_log	3956233	3956340	+	1	185	R.KATENGFKVGTYEELIPQADLVINLTPDKQHSDVVR.T	40
PLOG+7426	proteomics_log	3956236	3956340	+	1	94	K.ATENGFKVGTYEELIPQADLVINLTPDKQHSDVVR.T	39
PLOG+7427	proteomics_log	3956257	3956340	+	1	155	K.VGTYEELIPQADLVINLTPDKQHSDVVR.T	32
PLOG+7428	proteomics_log	3956281	3956340	+	1	2	I.PQADLVINLTPDKQHSDVVR.T	24
PLOG+7429	proteomics_log	3956341	3956361	+	1	7	R.TVQPLMK.D	11
PLOG+7430	proteomics_log	3956341	3956424	+	1	10	R.TVQPLM*KDGAALGYSHGFNIVEVGEQIR.K	33
PLOG+7431	proteomics_log	3956341	3956427	+	1	18	R.TVQPLM*KDGAALGYSHGFNIVEVGEQIRK.D	34
PLOG+7432	proteomics_log	3956341	3956457	+	1	19	R.TVQPLM*KDGAALGYSHGFNIVEVGEQIRK DITVVM*VAPK.C	45
PLOG+7433	proteomics_log	3956341	3956457	+	1	30	R.TVQPLM*KDGAALGYSHGFNIVEVGEQIRK DITVVMVAPK.C	44
PLOG+7434	proteomics_log	3956341	3956424	+	1	208	R.TVQPLMKDGAALGYSHGFNIVEVGEQIR.K	32
PLOG+7435	proteomics_log	3956341	3956427	+	1	223	R.TVQPLMKDGAALGYSHGFNIVEVGEQIRK.D	33
PLOG+7436	proteomics_log	3956341	3956457	+	1	249	R.TVQPLMKDGAALGYSHGFNIVEVGEQIRK DITVVMVAPK.C	43
PLOG+7437	proteomics_log	3956362	3956457	+	1	14	K.DGAALGYSHGFNIVEVGEQIRK DITVVM*VAPK.C	37
PLOG+7438	proteomics_log	3956362	3956412	+	1	37	K.DGAALGYSHGFNIVEVG.E	21
PLOG+7439	proteomics_log	3956362	3956424	+	1	39	K.DGAALGYSHGFNIVEVGEQIR.K	25
PLOG+7440	proteomics_log	3956362	3956427	+	1	131	K.DGAALGYSHGFNIVEVGEQIRK.D	26
PLOG+7441	proteomics_log	3956362	3956457	+	1	205	K.DGAALGYSHGFNIVEVGEQIRK DITVVMVAPK.C	36
PLOG+7442	proteomics_log	3956425	3956457	+	1	7	R.KDITVVM*VAPK.C	16
PLOG+7443	proteomics_log	3956425	3956457	+	1	134	R.KDITVVMVAPK.C	15
PLOG+7444	proteomics_log	3956428	3956457	+	1	19	K.DITVVM*VAPK.C	15
PLOG+7445	proteomics_log	3956428	3956457	+	1	208	K.DITVVMVAPK.C	14
PLOG+7446	proteomics_log	3956461	3956493	+	1	2	C.PGTEVREEYKR.G	15
PLOG+7447	proteomics_log	3956494	3956598	+	1	2	R.GFGVPTLIAVHPENDPKGEGM*AIKAWAAATGGHR.A	40
PLOG+7448	proteomics_log	3956494	3956568	+	1	9	R.GFGVPTLIAVHPENDPKGEGM*AIK.A	30

PLOG+7449	proteomics_log	3956494	3956598	+	1	37	R.GFGVPTLIAVHPENDPKGEGMAIAKAWAAATGGHR.A	39
PLOG+7450	proteomics_log	3956494	3956544	+	1	52	R.GFGVPTLIAVHPENDPK.G	21
PLOG+7451	proteomics_log	3956494	3956568	+	1	212	R.GFGVPTLIAVHPENDPKGEGMAIAK.A	29
PLOG+7452	proteomics_log	3956506	3956568	+	1	10	V.PTLIAVHPENDPKGEGMAIAK.A	25
PLOG+7453	proteomics_log	3956569	3956637	+	1	72	K.AWAAATGGHRAGVLESSFVAEVK.S	27
PLOG+7454	proteomics_log	3956569	3956598	+	1	150	K.AWAAATGGHR.A	14
PLOG+7455	proteomics_log	3956599	3956637	+	1	206	R.AGVLESSFVAEVK.S	17
PLOG+7456	proteomics_log	3956638	3956748	+	1	2	K.SDLMGEQTILCGMLQAGSLLCFDKLVEEGTDPAYAEK.L	41
PLOG+7457	proteomics_log	3956710	3956790	+	1	6	K.LVEEGTDPAYAEKLIQFGWETITEALK.Q	31
PLOG+7458	proteomics_log	3956710	3956748	+	1	9	K.LVEEGTDPAYAEK.L	17
PLOG+7459	proteomics_log	3956710	3956820	+	1	9	K.LVEEGTDPAYAEKLIQFGWETITEALKQGGITLMMDR.L	41
PLOG+7460	proteomics_log	3956731	3956820	+	1	4	D.PAYAEKLIQFGWETITEALKQGGITLMMDR.L	34
PLOG+7461	proteomics_log	3956749	3956796	+	1	2	K.LIQFGWETITEALKQG.G	20
PLOG+7462	proteomics_log	3956749	3956820	+	1	2	K.LIQFGWETITEALKQGGITLM*M*DR.L	30
PLOG+7463	proteomics_log	3956749	3956844	+	1	11	K.LIQFGWETITEALKQGGITLMMDRLSNPAKLR.A	36
PLOG+7464	proteomics_log	3956749	3956838	+	1	24	K.LIQFGWETITEALKQGGITLMMDRLSNPAK.L	34
PLOG+7465	proteomics_log	3956749	3956790	+	1	52	K.LIQFGWETITEALK.Q	18
PLOG+7466	proteomics_log	3956749	3956820	+	1	153	K.LIQFGWETITEALKQGGITLMMDR.L	28
PLOG+7467	proteomics_log	3956791	3956820	+	1	15	K.QGGITLMMDR.L	14
PLOG+7468	proteomics_log	3956818	3956898	+	1	2	D.RLSNPAKLRAYALSEQLKEIMAPLFQK.H	31
PLOG+7469	proteomics_log	3956821	3956898	+	1	4	R.LSNPAKLRAYALSEQLKEIMAPLFQK.H	30
PLOG+7470	proteomics_log	3956839	3956898	+	1	2	K.LRAYALSEQLKEIM*APLFQK.H	25
PLOG+7471	proteomics_log	3956839	3956898	+	1	57	K.LRAYALSEQLKEIMAPLFQK.H	24
PLOG+7472	proteomics_log	3956845	3956898	+	1	11	R.AYALSEQLKEIM*APLFQK.H	23
PLOG+7473	proteomics_log	3956845	3956898	+	1	319	R.AYALSEQLKEIMAPLFQK.H	22
PLOG+7474	proteomics_log	3956851	3956898	+	1	2	Y.ALSEQLKEIMAPLFQK.H	20
PLOG+7475	proteomics_log	3956899	3956970	+	1	33	K.HMDDIISGEFSSGMMADWANDDKK.L	28
PLOG+7476	proteomics_log	3956971	3957000	+	1	35	K.LLTWREETGK.T	14
PLOG+7477	proteomics_log	3956971	3957036	+	1	42	K.LLTWREETGKTAFETAPQYEGK.I	26
PLOG+7478	proteomics_log	3956986	3957036	+	1	7	R.EETGKTAFETAPQYEGK.I	21
PLOG+7479	proteomics_log	3957001	3957090	+	1	5	K.TAFETAPQYEGKIGEYFDKGVLMIAMVK.A	34
PLOG+7480	proteomics_log	3957001	3957036	+	1	45	K.TAFETAPQYEGK.I	16
PLOG+7481	proteomics_log	3957037	3957159	+	1	2	K.IGEQEYFDKGVLMIAMVKAGVELAFETMVDSGIIIESAYYE.S	45
PLOG+7482	proteomics_log	3957037	3957090	+	1	8	K.IGEQEYFDKGVLMIAM*VK.A	23
PLOG+7483	proteomics_log	3957037	3957090	+	1	8	K.IGEQEYFDKGVLM*IAM*VK.A	24
PLOG+7484	proteomics_log	3957037	3957090	+	1	305	K.IGEQEYFDKGVLMIAMVK.A	22
PLOG+7485	proteomics_log	3957064	3957090	+	1	3	K.GVLMIAMVK.A	13
PLOG+7486	proteomics_log	3957091	3957207	+	1	4	K.AGVELAFETMVDSGIIIESAYYESLHELPLIANTIARKR.L	43
PLOG+7487	proteomics_log	3957091	3957204	+	1	14	K.AGVELAFETMVDSGIIIESAYYESLHELPLIANTIARK.R	42
PLOG+7488	proteomics_log	3957091	3957201	+	1	15	K.AGVELAFETM*VDSGIIIESAYYESLHELPLIANTIAR.K	42
PLOG+7489	proteomics_log	3957091	3957201	+	1	665	K.AGVELAFETMVDSGIIIESAYYESLHELPLIANTIAR.K	41
PLOG+7490	proteomics_log	3957208	3957330	+	1	4	R.LYEMNVVISDTAEYGNLFSYACVPLLKPFMAELQPGDLGK.A	45
PLOG+7491	proteomics_log	3957277	3957330	+	1	12	C.VPLLKPFMAELQPGDLGK.A	22
PLOG+7492	proteomics_log	3957331	3957426	+	1	5	K.AIPEGAVDNGQLRDVNEAIRSHAIEQVGKLR.G	36
PLOG+7493	proteomics_log	3957331	3957420	+	1	36	K.AIPEGAVDNGQLRDVNEAIRSHAIEQVGK.L	34
PLOG+7494	proteomics_log	3957331	3957417	+	1	60	K.AIPEGAVDNGQLRDVNEAIRSHAIEQVGK.K	33

PLOG+7495	proteomics_log	3957331	3957369	+	1	130	K.AIPEGAVDNGQLR.D	17
PLOG+7496	proteomics_log	3957331	3957390	+	1	164	K.AIPEGAVDNGQLRDVNEAIR.S	24
PLOG+7497	proteomics_log	3957337	3957369	+	1	7	I.PEGAVDNGQLR.D	15
PLOG+7498	proteomics_log	3957370	3957420	+	1	2	R.DVNEAIRSHAIEQVGKK.L	21
PLOG+7499	proteomics_log	3957370	3957417	+	1	4	R.DVNEAIRSHAIEQVGK.K	20
PLOG+7500	proteomics_log	3957370	3957426	+	1	14	R.DVNEAIRSHAIEQVGKKLR.G	23
PLOG+7501	proteomics_log	3957370	3957390	+	1	61	R.DVNEAIR.S	11
PLOG+7502	proteomics_log	3957391	3957450	+	1	2	R.SHAIEQVGKKLRGYMTDMKR.I	24
PLOG+7503	proteomics_log	3957391	3957426	+	1	191	R.SHAIEQVGKKLR.G	16
PLOG+7504	proteomics_log	3957391	3957417	+	1	202	R.SHAIEQVGK.K	13
PLOG+7505	proteomics_log	3957391	3957420	+	1	315	R.SHAIEQVGKK.L	14
PLOG+7506	proteomics_log	3957418	3957447	+	1	2	K.KLRGYMTDMK.R	14
PLOG+7507	proteomics_log	3957418	3957450	+	1	11	K.KLRGYMTDMKR.I	15
PLOG+7508	proteomics_log	3957421	3957450	+	1	21	K.LRGYMTDMKR.I	14
PLOG+7509	proteomics_log	3957427	3957447	+	1	3	R.GYMTDMK.R	11
PLOG+7510	proteomics_log	3957427	3957450	+	1	70	R.GYMTDMKR.I	12
PLOG+7511	proteomics_log	3963787	3963894	+	1	2	M.SDKIIHLTDDSFDTDVLKADGAILVDFWAEWCGPCK.M	40
PLOG+7512	proteomics_log	3963787	3963840	+	1	77	M.SDKIIHLTDDSFDTDVLK.A	22
PLOG+7513	proteomics_log	3963796	3963840	+	1	5	K.IIHLTDDSFDTDVLK.A	19
PLOG+7514	proteomics_log	3963895	3964005	+	1	2	K.MIAPILDEIADEYQGKLTVAKLNIDQNPGTAPKYGIR.G	41
PLOG+7515	proteomics_log	3963895	3963957	+	1	10	K.MIAPILDEIADEYQGKLTVAK.L	25
PLOG+7516	proteomics_log	3963895	3963993	+	1	48	K.MIAPILDEIADEYQGKLTVAKLNIDQNPGTAPK.Y	37
PLOG+7517	proteomics_log	3963895	3963942	+	1	61	K.MIAPILDEIADEYQGK.L	20
PLOG+7518	proteomics_log	3963943	3963993	+	1	2	K.LTVAKLNIDQNPGTAPK.Y	21
PLOG+7519	proteomics_log	3963958	3963993	+	1	140	K.LNIDQNPGTAPK.Y	16
PLOG+7520	proteomics_log	3964006	3964032	+	1	6	R.GIPTLLLLFK.N	13
PLOG+7521	proteomics_log	3964006	3964056	+	1	27	R.GIPTLLLLFKNGEVAATK.V	21
PLOG+7522	proteomics_log	3964006	3964074	+	1	48	R.GIPTLLLLFKNGEVAATKVGALSK.G	27
PLOG+7523	proteomics_log	3964006	3964110	+	1	217	R.GIPTLLLLFKNGEVAATKVGALSKGQLKEFLDANLA.-	39
PLOG+7524	proteomics_log	3964012	3964032	+	1	14	I.PTLLLLFK.N	11
PLOG+7525	proteomics_log	3964033	3964074	+	1	8	K.NGEVAATKVGALSK.G	18
PLOG+7526	proteomics_log	3964033	3964110	+	1	45	K.NGEVAATKVGALSKGQLKEFLDANLA.-	30
PLOG+7527	proteomics_log	3964057	3964110	+	1	39	K.VGALSKGQLKEFLDANLA.-	22
PLOG+7528	proteomics_log	3964075	3964110	+	1	53	K.GQLKEFLDANLA.-	16
PLOG+7529	proteomics_log	3964440	3964523	+	3	4	T.M*NLTELKNTVPSELITLGENMGLENLAR.M	33
PLOG+7530	proteomics_log	3964440	3964523	+	3	6	T.MNLTELKNTVPSELITLGENM*GLENLAR.M	33
PLOG+7531	proteomics_log	3964440	3964523	+	3	156	T.MNLTELKNTVPSELITLGENMGLENLAR.M	32
PLOG+7532	proteomics_log	3964461	3964523	+	3	59	K.NTPVSELITLGENMGLENLAR.M	25
PLOG+7533	proteomics_log	3964524	3964559	+	3	5	R.M*RKQDIIFAILK.Q	17
PLOG+7534	proteomics_log	3964524	3964559	+	3	9	R.MRKQDIIFAILK.Q	16
PLOG+7535	proteomics_log	3964524	3964571	+	3	10	R.MRKQDIIFAILKQHAK.S	20
PLOG+7536	proteomics_log	3964530	3964571	+	3	4	R.KQDIIFAILKQHAK.S	18
PLOG+7537	proteomics_log	3964530	3964559	+	3	8	R.KQDIIFAILK.Q	14
PLOG+7538	proteomics_log	3964560	3964637	+	3	4	K.QHAKSGEDIFGDGVLEILQDGFGLR.S	30
PLOG+7539	proteomics_log	3964572	3964637	+	3	337	K.SGEDIFGDGVLEILQDGFGLR.S	26
PLOG+7540	proteomics_log	3964638	3964703	+	3	7	R.SADSSYLAGPDDIYVSPSQIRR.F	26

PLOG+7541	proteomics_log	3964638	3964700	+	3	27	R.SADSSYLAPDDIYVSPSQIR.R	25
PLOG+7542	proteomics_log	3964704	3964739	+	3	5	R.FNLRTGDTISGK.I	16
PLOG+7543	proteomics_log	3964716	3964739	+	3	4	R.TGDTISGK.I	12
PLOG+7544	proteomics_log	3964767	3964823	+	3	60	R.YFALLKVNEVNFDPENAR.N	23
PLOG+7545	proteomics_log	3964785	3964823	+	3	18	K.VNEVNFDPENAR.N	17
PLOG+7546	proteomics_log	3964809	3964871	+	3	13	K.PENARNKILFENLTPLHANSR.L	25
PLOG+7547	proteomics_log	3964824	3964871	+	3	255	R.NKILFENLTPLHANSR.L	20
PLOG+7548	proteomics_log	3964830	3964871	+	3	189	K.ILFENLTPLHANSR.L	18
PLOG+7549	proteomics_log	3964872	3964919	+	3	12	R.LRMERGNSTEDLTAR.V	20
PLOG+7550	proteomics_log	3964878	3964919	+	3	166	R.MERGNSTEDLTAR.V	18
PLOG+7551	proteomics_log	3964887	3964919	+	3	108	R.GNGSTEDLTAR.V	15
PLOG+7552	proteomics_log	3964920	3964949	+	3	196	R.VLDLSPIGR.G	14
PLOG+7553	proteomics_log	3964959	3964991	+	3	61	R.GLIVAPPKAGK.T	15
PLOG+7554	proteomics_log	3964992	3965102	+	3	5	K.TMLLQNIASIAYNHPDCVLMVLLIDERPEEVTEMQR.L	41
PLOG+7555	proteomics_log	3965103	3965186	+	3	2	R.LVKGEVVASTFDEPASRHVQVAEMVIEK.A	32
PLOG+7556	proteomics_log	3965103	3965153	+	3	211	R.LVKGEVVASTFDEPASR.H	21
PLOG+7557	proteomics_log	3965112	3965153	+	3	15	K.GEVVASTFDEPASR.H	18
PLOG+7558	proteomics_log	3965154	3965192	+	3	3	R.HVQVAEM*VIEKAK.R	18
PLOG+7559	proteomics_log	3965154	3965186	+	3	11	R.HVQVAEM*VIEK.A	16
PLOG+7560	proteomics_log	3965154	3965192	+	3	35	R.HVQVAEMVIEKAK.R	17
PLOG+7561	proteomics_log	3965154	3965195	+	3	52	R.HVQVAEMVIEKAKR.L	18
PLOG+7562	proteomics_log	3965154	3965186	+	3	111	R.HVQVAEMVIEK.A	15
PLOG+7563	proteomics_log	3965187	3965246	+	3	8	K.AKRLVEHKKDVIILLDSITR.L	24
PLOG+7564	proteomics_log	3965193	3965246	+	3	126	K.RLVEHKKDVIILLDSITR.L	22
PLOG+7565	proteomics_log	3965196	3965255	+	3	8	R.LVEHKKDVIILLDSITRLAR.A	24
PLOG+7566	proteomics_log	3965196	3965246	+	3	199	R.LVEHKKDVIILLDSITR.L	21
PLOG+7567	proteomics_log	3965211	3965246	+	3	41	K.KDVIILLDSITR.L	16
PLOG+7568	proteomics_log	3965214	3965246	+	3	18	K.DVIILLDSITR.L	15
PLOG+7569	proteomics_log	3965256	3965288	+	3	33	R.AYNTVVPASGK.V	15
PLOG+7570	proteomics_log	3965256	3965333	+	3	40	R.AYNTVVPASGKVLTTGGVDANALHRPK.R	30
PLOG+7571	proteomics_log	3965289	3965333	+	3	105	K.VLTGGVDANALHRPK.R	19
PLOG+7572	proteomics_log	3965295	3965333	+	3	3	L.TGGVDANALHRPK.R	17
PLOG+7573	proteomics_log	3965334	3965354	+	3	34	K.RFFGAAR.N	11
PLOG+7574	proteomics_log	3965355	3965480	+	3	2	R.NVEEGGSLTIATALIDTGSKMDEVIYEEFKGTGNMELHLSR.K	46
PLOG+7575	proteomics_log	3965355	3965417	+	3	7	R.NVEEGGSLTIATALIDTGSK.M	25
PLOG+7576	proteomics_log	3965481	3965525	+	3	3	R.KIAEKRVFPAIDYNR.S	19
PLOG+7577	proteomics_log	3965496	3965525	+	3	73	K.RVFPAIDYNR.S	14
PLOG+7578	proteomics_log	3965526	3965591	+	3	2	R.SGTRKEELLTQEEELQKM*WILR.K	27
PLOG+7579	proteomics_log	3965526	3965594	+	3	2	R.SGTRKEELLTQEEELQKM*WILRK.I	28
PLOG+7580	proteomics_log	3965526	3965594	+	3	41	R.SGTRKEELLTQEEELQKMWILR.K	27
PLOG+7581	proteomics_log	3965526	3965591	+	3	101	R.SGTRKEELLTQEEELQKMWILR.K	26
PLOG+7582	proteomics_log	3965526	3965576	+	3	112	R.SGTRKEELLTQEEELQK.M	21
PLOG+7583	proteomics_log	3965538	3965576	+	3	14	R.KEELLTQEEELQK.M	17
PLOG+7584	proteomics_log	3965550	3965591	+	3	9	L.LTTQEEELQKMWILR.K	18
PLOG+7585	proteomics_log	3965592	3965651	+	3	2	R.KIIHPMGEIDAMEFLINKLA.M	24
PLOG+7586	proteomics_log	3965592	3965645	+	3	2	R.KIIHPM*GEIDAM*EFLINK.L	24

PLOG+7587	proteomics_log	3965592	3965645	+	3	2	R.KIIHPM*GEIDAMEFLINK.L	23
PLOG+7588	proteomics_log	3965592	3965660	+	3	3	R.KIIHPM*GEIDAMEFLINKLAMTK.T	28
PLOG+7589	proteomics_log	3965592	3965660	+	3	3	R.KIIHPM*GEIDAMEFLINKLAM*TK.T	29
PLOG+7590	proteomics_log	3965592	3965645	+	3	155	R.KIIHPMGEIDAMEFLINK.L	22
PLOG+7591	proteomics_log	3965592	3965660	+	3	156	R.KIIHPMGEIDAMEFLINKLAMTK.T	27
PLOG+7592	proteomics_log	3965595	3965651	+	3	2	K.IIHPMGEIDAMEFLINKLA.M	23
PLOG+7593	proteomics_log	3965595	3965645	+	3	124	K.IIHPMGEIDAMEFLINK.L	21
PLOG+7594	proteomics_log	3965595	3965660	+	3	163	K.IIHPMGEIDAMEFLINKLAMTK.T	26
PLOG+7595	proteomics_log	3965661	3965693	+	3	13	K.TNDDFFEMMKR.S	15
PLOG+7596	proteomics_log	3965661	3965690	+	3	90	K.TNDDFFEMMK.R	14
PLOG+7597	proteomics_log	3967435	3967518	+	1	10	R.MVGNSKADAALLDEMinniQFIPGDFTR.A	32
PLOG+7598	proteomics_log	3967453	3967518	+	1	2	K.ADAALLDEMinniQFIPGDFTR.A	26
PLOG+7599	proteomics_log	3967519	3967581	+	1	2	R.AVNDSVKLIaETAPDANNLLR.Q	25
PLOG+7600	proteomics_log	3967540	3967581	+	1	5	K.LIAETAPDANNLLR.Q	18
PLOG+7601	proteomics_log	3967609	3967656	+	1	5	R.AASHLNDELKGAWAAR.T	20
PLOG+7602	proteomics_log	3967672	3967704	+	1	4	K.AQVQRQEEVAK.A	15
PLOG+7603	proteomics_log	3967723	3967776	+	1	2	R.M*NSIEQALKIAEQHNISR.S	23
PLOG+7604	proteomics_log	3967723	3967776	+	1	5	R.MNSIEQALKIAEQHNISR.S	22
PLOG+7605	proteomics_log	3967750	3967776	+	1	20	K.IAEQHNISR.S	13
PLOG+7606	proteomics_log	3967855	3967911	+	1	2	R.LENLQAVGPAFDLDYDQNR.A	23
PLOG+7607	proteomics_log	3969170	3969208	+	2	6	R.LLKDENYQAMSR.A	17
PLOG+7608	proteomics_log	3969248	3969283	+	2	4	R.ILEALKNNRISL.-	16
PLOG+7609	proteomics_log	3971037	3971060	+	3	3	K.ASSDHLVR.A	12
PLOG+7610	proteomics_log	3971037	3971060	+	3	3	K.ASSDHLVR.A	12
PLOG+7611	proteomics_log	3971634	3971669	+	3	30	R.KGIILAGGSGTR.L	16
PLOG+7612	proteomics_log	3971634	3971669	+	3	30	R.KGIILAGGSGTR.L	16
PLOG+7613	proteomics_log	3977289	3977324	+	3	2	R.LDFVVDAGGGGR.A	16
PLOG+7614	proteomics_log	3977332	3977364	+	1	5	G.IVGMFWLALKR.Y	15
PLOG+7615	proteomics_log	3986395	3986442	+	1	2	S.PSESIGEPSLSLSARR.R	20
PLOG+7616	proteomics_log	3990064	3990099	+	1	3	S.FGLDPYCM*MLER.V	17
PLOG+7617	proteomics_log	3992713	3992745	+	1	3	R.ATGDGPSQVNY.-	15
PLOG+7618	proteomics_log	3992800	3992877	+	1	16	K.MHGLGNDFMVVDAVTQNVFFSPELIR.R	30
PLOG+7619	proteomics_log	3993606	3993704	+	3	4	S.MKQPGEELQETLTLDRAVVVDYLIKNPEFFIR.N	37
PLOG+7620	proteomics_log	3993660	3993704	+	3	7	R.AVVVDYLIKNPEFFIR.N	19
PLOG+7621	proteomics_log	3994215	3994295	+	3	26	R.DASHYQQGQTQLLHEIALMLPELLER.W	31
PLOG+7622	proteomics_log	3994586	3994606	+	2	16	E.LKANPAK.G	11
PLOG+7623	proteomics_log	3995434	3995526	+	1	2	R.FRSIEQAMLDAGLSAEEASAGAHAAMINFAK.W	35
PLOG+7624	proteomics_log	3995440	3995526	+	1	10	R.SIEQAMLDAGLSAEEASAGAHAAMINFAK.W	33
PLOG+7625	proteomics_log	3996031	3996057	+	1	2	T.ALMTNSAKR.W	13
PLOG+7626	proteomics_log	3997947	3997979	+	3	4	R.ATVSRPVSHQR.M	15
PLOG+7627	proteomics_log	3998353	3998400	+	1	8	K.DSVATGLPRLSYTYVK.S	20
PLOG+7628	proteomics_log	4005636	4005686	+	3	2	V.GMRKLERFGKPFM*ALIR.A	22
PLOG+7629	proteomics_log	4008223	4008297	+	1	2	L.MYQVVASDLDGTLSPDHTLSPYAK.E	29
PLOG+7630	proteomics_log	4008223	4008324	+	1	5	L.MYQVVASDLDGTLSPDHTLSPYAKETLKLTTAR.G	38
PLOG+7631	proteomics_log	4008934	4009008	+	1	2	R.LKDLHPELEVIGTNADDAVPHYLK.L	29
PLOG+7632	proteomics_log	4011076	4011111	+	1	2	K.MTILNHTLGFPR.V	16

PLOG+7633	proteomics_log	4011079	4011123	+	1	4	M.TILNHTLGFPRVGLR.R	19
PLOG+7634	proteomics_log	4011079	4011126	+	1	10	M.TILNHTLGFPRVGLRR.E	20
PLOG+7635	proteomics_log	4011079	4011111	+	1	393	M.TILNHTLGFPR.V	15
PLOG+7636	proteomics_log	4011085	4011111	+	1	7	I.LNHTLGFPR.V	13
PLOG+7637	proteomics_log	4011112	4011174	+	1	8	R.VGLRRELKKAQESYWAGNSTR.E	25
PLOG+7638	proteomics_log	4011124	4011174	+	1	3	R.RELKKAQESYWAGNSTR.E	21
PLOG+7639	proteomics_log	4011124	4011198	+	1	4	R.RELKKAQESYWAGNSTREELLAVGR.E	29
PLOG+7640	proteomics_log	4011127	4011198	+	1	31	R.ELKKAQESYWAGNSTREELLAVGR.E	28
PLOG+7641	proteomics_log	4011127	4011174	+	1	38	R.ELKKAQESYWAGNSTR.E	20
PLOG+7642	proteomics_log	4011127	4011207	+	1	64	R.ELKKAQESYWAGNSTREELLAVGRELR.A	31
PLOG+7643	proteomics_log	4011136	4011174	+	1	29	K.KAQESYWAGNSTR.E	17
PLOG+7644	proteomics_log	4011136	4011198	+	1	63	K.KAQESYWAGNSTREELLAVGR.E	25
PLOG+7645	proteomics_log	4011136	4011207	+	1	111	K.KAQESYWAGNSTREELLAVGRELR.A	28
PLOG+7646	proteomics_log	4011139	4011174	+	1	9	K.AQESYWAGNSTR.E	16
PLOG+7647	proteomics_log	4011139	4011207	+	1	27	K.AQESYWAGNSTREELLAVGRELR.A	27
PLOG+7648	proteomics_log	4011139	4011198	+	1	133	K.AQESYWAGNSTREELLAVGR.E	24
PLOG+7649	proteomics_log	4011175	4011198	+	1	95	R.EELLAVGR.E	12
PLOG+7650	proteomics_log	4011208	4011324	+	1	4	R.ARHWDDQKQAGIDLLPVGDFAWYDHLVLTSSLLGNVPAR.H	43
PLOG+7651	proteomics_log	4011208	4011231	+	1	6	R.ARHWDDQK.Q	12
PLOG+7652	proteomics_log	4011214	4011231	+	1	17	R.HWDQK.Q	10
PLOG+7653	proteomics_log	4011214	4011324	+	1	70	R.HWDQKQAGIDLLPVGDFAWYDHLVLTSSLLGNVPAR.H	41
PLOG+7654	proteomics_log	4011232	4011336	+	1	2	K.QAGIDLLPVGDFAWYDHLVLTSSLLGNVPARHQNK.D	39
PLOG+7655	proteomics_log	4011232	4011324	+	1	381	K.QAGIDLLPVGDFAWYDHLVLTSSLLGNVPAR.H	35
PLOG+7656	proteomics_log	4011325	4011369	+	1	214	R.HQNKDGSVDIDLFR.I	19
PLOG+7657	proteomics_log	4011337	4011369	+	1	112	K.DGSVDIDLFR.I	15
PLOG+7658	proteomics_log	4011370	4011426	+	1	7	R.IGRGRAPTGEAAAAEM*TK.W	24
PLOG+7659	proteomics_log	4011370	4011426	+	1	25	R.IGRGRAPTGEAAAAEMTK.W	23
PLOG+7660	proteomics_log	4011379	4011426	+	1	18	R.GRAPTGEAAAAEM*TK.W	21
PLOG+7661	proteomics_log	4011379	4011426	+	1	136	R.GRAPTGEAAAAEMTK.W	20
PLOG+7662	proteomics_log	4011385	4011471	+	1	2	R.APTGEAAAAEMTKWFNTNYHYMVPEFVK.G	33
PLOG+7663	proteomics_log	4011385	4011426	+	1	6	R.APTGEAAAAEM*TK.W	19
PLOG+7664	proteomics_log	4011385	4011426	+	1	55	R.APTGEAAAAEMTK.W	18
PLOG+7665	proteomics_log	4011427	4011543	+	1	3	K.WFNTNYHYMVPEFVKGQQFKLTWTQLLDEVDEALALGHK.V	43
PLOG+7666	proteomics_log	4011427	4011495	+	1	8	K.WFNTNYHYMVPEFVKGQQFKLTW.T	27
PLOG+7667	proteomics_log	4011427	4011486	+	1	24	K.WFNTNYHYMVPEFVKGQQFK.L	24
PLOG+7668	proteomics_log	4011427	4011471	+	1	53	K.WFNTNYHYMVPEFVK.G	19
PLOG+7669	proteomics_log	4011472	4011591	+	1	2	K.GQQFKLTWTQLLDEVDEALALGHKVKPVLLGPVTWLWLKG.V	44
PLOG+7670	proteomics_log	4011472	4011543	+	1	59	K.GQQFKLTWTQLLDEVDEALALGHK.V	28
PLOG+7671	proteomics_log	4011487	4011591	+	1	22	K.LTWTQLLDEVDEALALGHKVKPVLLGPVTWLWLKG.V	39
PLOG+7672	proteomics_log	4011487	4011543	+	1	165	K.LTWTQLLDEVDEALALGHK.V	23
PLOG+7673	proteomics_log	4011496	4011543	+	1	6	W.TQLLDEVDEALALGHK.V	20
PLOG+7674	proteomics_log	4011502	4011543	+	1	5	Q.LLDEVDEALALGHK.V	18
PLOG+7675	proteomics_log	4011544	4011591	+	1	132	K.VKPVLLGPVTWLWLKG.V	20
PLOG+7676	proteomics_log	4011592	4011675	+	1	41	K.VKGEQFDRLSLLNDILPVYQQVLAELAK.R	32
PLOG+7677	proteomics_log	4011592	4011678	+	1	55	K.VKGEQFDRLSLLNDILPVYQQVLAELAKR.G	33
PLOG+7678	proteomics_log	4011598	4011678	+	1	54	K.GEQFDRLSLLNDILPVYQQVLAELAKR.G	31

PLOG+7679	proteomics_log	4011598	4011675	+	1	63	K.GEQFDRLSLLNDILPVYQQVLAELAK.R	30
PLOG+7680	proteomics_log	4011616	4011675	+	1	98	R.LSLLNDILPVYQQVLAELAK.R	24
PLOG+7681	proteomics_log	4011616	4011678	+	1	111	R.LSLLNDILPVYQQVLAELAKR.G	25
PLOG+7682	proteomics_log	4011625	4011678	+	1	18	L.LNDILPVYQQVLAELAKR.G	22
PLOG+7683	proteomics_log	4011634	4011678	+	1	2	D.ILPVYQQVLAELAKR.G	19
PLOG+7684	proteomics_log	4011640	4011678	+	1	4	L.PVYQQVLAELAKR.G	17
PLOG+7685	proteomics_log	4011676	4011786	+	1	34	K.RGIEWVQIDEPALVLELPQAWLDAYKPAYDALQGQVK.L	41
PLOG+7686	proteomics_log	4011679	4011786	+	1	95	R.GIEWVQIDEPALVLELPQAWLDAYKPAYDALQGQVK.L	40
PLOG+7687	proteomics_log	4011727	4011786	+	1	7	L.PQAWLDAYKPAYDALQGQVK.L	24
PLOG+7688	proteomics_log	4011787	4011909	+	1	19	K.LLLTTYFEGVTPNLDTITALPVQGLHVDLVH GKDDVAELHK.R	45
PLOG+7689	proteomics_log	4011787	4011912	+	1	43	K.LLLTTYFEGVTPNLDTITALPVQGLHVDLVH GKDDVAELHKR.L	46
PLOG+7690	proteomics_log	4011787	4011885	+	1	49	K.LLLTTYFEGVTPNLDTITALPVQGLHVDLVH GK.D	37
PLOG+7691	proteomics_log	4011820	4011912	+	1	2	T.PNLDTITALPVQGLHVDLVH GKDDVAELHKR.L	35
PLOG+7692	proteomics_log	4011847	4011912	+	1	4	L.PVQGLHVDLVH GKDDVAELHKR.L	26
PLOG+7693	proteomics_log	4011886	4011912	+	1	10	K.DDVAELHKR.L	13
PLOG+7694	proteomics_log	4011910	4011969	+	1	2	K.RLPSDWLLSAGLINGRNVWR.A	24
PLOG+7695	proteomics_log	4011910	4011957	+	1	61	K.RLPSDWLLSAGLINGR.N	20
PLOG+7696	proteomics_log	4011913	4011969	+	1	11	R.LPSDWLLSAGLINGRNVWR.A	23
PLOG+7697	proteomics_log	4011913	4011957	+	1	286	R.LPSDWLLSAGLINGR.N	19
PLOG+7698	proteomics_log	4011958	4012017	+	1	6	R.NVWRADLTEKYAQIKDIVGK.R	24
PLOG+7699	proteomics_log	4011958	4012020	+	1	78	R.NVWRADLTEKYAQIKDIVGKR.D	25
PLOG+7700	proteomics_log	4011970	4012017	+	1	27	R.ADLTEKYAQIKDIVGK.R	20
PLOG+7701	proteomics_log	4011970	4012002	+	1	35	R.ADLTEKYAQIK.D	15
PLOG+7702	proteomics_log	4011970	4012020	+	1	266	R.ADLTEKYAQIKDIVGKR.D	21
PLOG+7703	proteomics_log	4011988	4012017	+	1	21	K.YAQIKDIVGK.R	14
PLOG+7704	proteomics_log	4011988	4012020	+	1	92	K.YAQIKDIVGKR.D	15
PLOG+7705	proteomics_log	4012045	4012086	+	1	4	C.SLLHSPIDLSVETR.L	18
PLOG+7706	proteomics_log	4012087	4012131	+	1	37	R.LDAEVKSWFALQK.C	19
PLOG+7707	proteomics_log	4012105	4012131	+	1	134	K.SWFALQK.C	13
PLOG+7708	proteomics_log	4012156	4012194	+	1	2	R.DALNSGDTAALAE.W	17
PLOG+7709	proteomics_log	4012156	4012218	+	1	184	R.DALNSGDTAALAEWSAPIQAR.R	25
PLOG+7710	proteomics_log	4012222	4012257	+	1	23	R.HSTRVHNPAVEK.R	16
PLOG+7711	proteomics_log	4012222	4012260	+	1	176	R.HSTRVHNPAVEKR.L	17
PLOG+7712	proteomics_log	4012234	4012293	+	1	3	R.VHNPAVEKRLAAITAQDSQR.A	24
PLOG+7713	proteomics_log	4012234	4012257	+	1	93	R.VHNPAVEK.R	12
PLOG+7714	proteomics_log	4012234	4012260	+	1	318	R.VHNPAVEKR.L	13
PLOG+7715	proteomics_log	4012240	4012260	+	1	18	H.NPAVEKR.L	11
PLOG+7716	proteomics_log	4012258	4012314	+	1	12	K.RLAAITAQDSQRANVYEV.R.A	23
PLOG+7717	proteomics_log	4012258	4012329	+	1	21	K.RLAAITAQDSQRANVYEVRAEAQR.A	28
PLOG+7718	proteomics_log	4012258	4012293	+	1	223	K.RLAAITAQDSQR.A	16
PLOG+7719	proteomics_log	4012261	4012296	+	1	3	R.LAAITAQDSQRA.N	16
PLOG+7720	proteomics_log	4012261	4012335	+	1	73	R.LAAITAQDSQRANVYEVRAEAQRAR.F	29
PLOG+7721	proteomics_log	4012261	4012314	+	1	127	R.LAAITAQDSQRANVYEV.R.A	22
PLOG+7722	proteomics_log	4012261	4012329	+	1	156	R.LAAITAQDSQRANVYEVRAEAQR.A	27
PLOG+7723	proteomics_log	4012261	4012293	+	1	479	R.LAAITAQDSQR.A	15
PLOG+7724	proteomics_log	4012264	4012293	+	1	3	L.AAITAQDSQR.A	14

PLOG+7725	proteomics_log	4012267	4012293	+	1	14	A.AITAQDSQR.A	13
PLOG+7726	proteomics_log	4012294	4012314	+	1	5	R.ANVYEVRA.A	11
PLOG+7727	proteomics_log	4012294	4012335	+	1	6	R.ANVYEVRAEAQRAR.F	18
PLOG+7728	proteomics_log	4012294	4012329	+	1	66	R.ANVYEVRAEAQR.A	16
PLOG+7729	proteomics_log	4012315	4012398	+	1	10	R.AEAQRARFKLPAWPTTTIGSFQPQTEIR.T	32
PLOG+7730	proteomics_log	4012330	4012407	+	1	7	R.ARFKLPWPTTTIGSFQPQTEIRTLR.L	30
PLOG+7731	proteomics_log	4012330	4012398	+	1	286	R.ARFKLPWPTTTIGSFQPQTEIR.T	27
PLOG+7732	proteomics_log	4012336	4012371	+	1	2	R.FKLPWPTTTIG.S	16
PLOG+7733	proteomics_log	4012336	4012374	+	1	29	R.FKLPWPTTTIGS.F	17
PLOG+7734	proteomics_log	4012336	4012398	+	1	629	R.FKLPWPTTTIGSFQPQTEIR.T	25
PLOG+7735	proteomics_log	4012342	4012398	+	1	47	K.LPAWPTTTIGSFQPQTEIR.T	23
PLOG+7736	proteomics_log	4012354	4012398	+	1	2	W.PTTTIGSFQPQTEIR.T	19
PLOG+7737	proteomics_log	4012388	4012423	+	2	2	P.RKFVPCVWISKR.A	16
PLOG+7738	proteomics_log	4012399	4012473	+	1	5	R.TLRLDFKKGNDANNYRTGIAEHIK.Q	29
PLOG+7739	proteomics_log	4012399	4012449	+	1	196	R.TLRLDFKKGNDANNYR.T	21
PLOG+7740	proteomics_log	4012408	4012473	+	1	3	R.LDFKKGNDANNYRTGIAEHIK.Q	26
PLOG+7741	proteomics_log	4012408	4012497	+	1	4	R.LDFKKGNDANNYRTGIAEHIKQAIVEQER.L	34
PLOG+7742	proteomics_log	4012408	4012449	+	1	198	R.LDFKKGNDANNYR.T	18
PLOG+7743	proteomics_log	4012414	4012449	+	1	8	D.FKKGNDANNYR.T	16
PLOG+7744	proteomics_log	4012420	4012497	+	1	2	K.KGNLDANNYRTGIAEHIKQAIVEQER.L	30
PLOG+7745	proteomics_log	4012420	4012473	+	1	4	K.KGNLDANNYRTGIAEHIK.Q	22
PLOG+7746	proteomics_log	4012420	4012449	+	1	236	K.KGNLDANNYR.T	14
PLOG+7747	proteomics_log	4012423	4012497	+	1	3	K.GNLDANNYRTGIAEHIKQAIVEQER.L	29
PLOG+7748	proteomics_log	4012423	4012449	+	1	86	K.GNLDANNYR.T	13
PLOG+7749	proteomics_log	4012450	4012536	+	1	71	R.TGIAEHIKQAIVEQERLGLDVLVHGEAER.N	33
PLOG+7750	proteomics_log	4012450	4012473	+	1	84	R.TGIAEHIK.Q	12
PLOG+7751	proteomics_log	4012450	4012497	+	1	274	R.TGIAEHIKQAIVEQER.L	20
PLOG+7752	proteomics_log	4012474	4012497	+	1	2	K.QAIVEQER.L	12
PLOG+7753	proteomics_log	4012474	4012536	+	1	6	K.QAIVEQERLGLDVLVHGEAER.N	25
PLOG+7754	proteomics_log	4012498	4012620	+	1	32	R.LGLDVLVHGEAERNNDMVEYFGEHLDFVFTQNGWVQSYGSR.C	45
PLOG+7755	proteomics_log	4012498	4012536	+	1	33	R.LGLDVLVHGEAER.N	17
PLOG+7756	proteomics_log	4012537	4012620	+	1	51	R.NDMVEYFGEHLDFVFTQNGWVQSYGSR.C	32
PLOG+7757	proteomics_log	4012690	4012770	+	1	2	K.YAQLTDPKPVKGMTGPVTILCWSFPR.E	31
PLOG+7758	proteomics_log	4012690	4012722	+	1	165	K.YAQLTDPKPVK.G	15
PLOG+7759	proteomics_log	4012771	4012800	+	1	78	R.EDVSRETIK.Q	14
PLOG+7760	proteomics_log	4012786	4012905	+	1	2	R.ETIAKQIALALRDEVADLEAAGIGIIQIDEPALREGLPLR.R	44
PLOG+7761	proteomics_log	4012786	4012908	+	1	4	R.ETIAKQIALALRDEVADLEAAGIGIIQIDEPALREGLPLRR.S	45
PLOG+7762	proteomics_log	4012786	4012887	+	1	32	R.ETIAKQIALALRDEVADLEAAGIGIIQIDEPALR.E	38
PLOG+7763	proteomics_log	4012801	4012884	+	1	73	K.QIALALRDEVADLEAAGIGIIQIDEPALR	32
PLOG+7764	proteomics_log	4012801	4012905	+	1	106	K.QIALALRDEVADLEAAGIGIIQIDEPALREGLPLR.R	39
PLOG+7765	proteomics_log	4012801	4012908	+	1	146	K.QIALALRDEVADLEAAGIGIIQIDEPALREGLPLRR.S	40
PLOG+7766	proteomics_log	4012801	4012887	+	1	420	K.QIALALRDEVADLEAAGIGIIQIDEPALR.E	33
PLOG+7767	proteomics_log	4012822	4012887	+	1	17	R.DEVADLEAAGIGIIQIDEPALR.E	26
PLOG+7768	proteomics_log	4012906	4012953	+	1	12	R.RSDWDAYLQWGVEAFR.I	20
PLOG+7769	proteomics_log	4012909	4012974	+	1	13	R.SDWDAYLQWGVEAFRINAATAVAK.D	26
PLOG+7770	proteomics_log	4012909	4012953	+	1	223	R.SDWDAYLQWGVEAFR.I	19

PLOG+7771	proteomics_log	4012996	4013079	+	1	4	T.HMCYCEFNDIMDSIAALDADVITIETSR.S	32
PLOG+7772	proteomics_log	4013080	4013142	+	1	2	R.SDM*ELLESFEEFDYPNEIGPG.V	26
PLOG+7773	proteomics_log	4013080	4013202	+	1	5	R.SDM*ELLESFEEFDYPNEIGPGVYDIHSPNVPSVEWIEALLK.K	46
PLOG+7774	proteomics_log	4013080	4013145	+	1	9	R.SDM*ELLESFEEFDYPNEIGPGV.Y	27
PLOG+7775	proteomics_log	4013080	4013205	+	1	119	R.SDMELLESFEEFDYPNEIGPGVYDIHSPNVPSVEWIEALLK.K.A	46
PLOG+7776	proteomics_log	4013080	4013202	+	1	157	R.SDMELLESFEEFDYPNEIGPGVYDIHSPNVPSVEWIEALLK.K	45
PLOG+7777	proteomics_log	4013146	4013202	+	1	2	V.YDIHSPNVPSVEWIEALLK.K	23
PLOG+7778	proteomics_log	4013203	4013232	+	1	2	K.KAAKRIPAER.L	14
PLOG+7779	proteomics_log	4013206	4013256	+	1	4	K.AAKRIPAERLWVNPDCG.L	21
PLOG+7780	proteomics_log	4013215	4013271	+	1	2	K.RIPAERLWVNPDCGLKTRG.W	23
PLOG+7781	proteomics_log	4013287	4013322	+	1	2	R.AALANMVQAAQN.L	16
PLOG+7782	proteomics_log	4013287	4013316	+	1	2	R.AALANM*VQAA.Q	15
PLOG+7783	proteomics_log	4013287	4013322	+	1	2	R.AALANM*VQAAQN.L	17
PLOG+7784	proteomics_log	4013287	4013319	+	1	13	R.AALANM*VQAAQ.N	16
PLOG+7785	proteomics_log	4013287	4013334	+	1	24	R.AALANMVQAAQNLRRG.-	20
PLOG+7786	proteomics_log	4013287	4013319	+	1	28	R.AALANMVQAAQ.N	15
PLOG+7787	proteomics_log	4013287	4013328	+	1	249	R.AALANM*VQAAQNL.R	19
PLOG+7788	proteomics_log	4013287	4013328	+	1	828	R.AALANMVQAAQNL.R	18
PLOG+7789	proteomics_log	4013293	4013328	+	1	2	A.LANMVQAAQNL.R	16
PLOG+7790	proteomics_log	4013299	4013328	+	1	9	A.NMVQAAQNL.R	14
PLOG+7791	proteomics_log	4014457	4014492	+	1	10	M.SKSDVFHLGLTK.N	16
PLOG+7792	proteomics_log	4014457	4014552	+	1	23	M.SKSDVFHLGLTKNDLQGATLAIVPGDPDRVEK.I	36
PLOG+7793	proteomics_log	4014493	4014552	+	1	4	K.NDLQGATLAIVPGDPDRVEK.I	24
PLOG+7794	proteomics_log	4014553	4014582	+	1	2	K.IAALMDKPKV.L	14
PLOG+7795	proteomics_log	4014553	4014597	+	1	3	K.IAALM*DKPKVLASHR.E	20
PLOG+7796	proteomics_log	4014553	4014582	+	1	2	K.IAALM*DKPKV.L	15
PLOG+7797	proteomics_log	4014727	4014798	+	1	214	R.IGTTGAIQPHINVGDLVLTASVR.L	28
PLOG+7798	proteomics_log	4014799	4014888	+	1	2	R.LDGASLHFAPLEFPVADFECTTALVEAAK.S	34
PLOG+7799	proteomics_log	4014889	4014957	+	1	3	K.SIGATTHVGVTTASSDTFYPGQER.Y	27
PLOG+7800	proteomics_log	4015090	4015122	+	1	2	R.AGM*VAGVIVNR.T	16
PLOG+7801	proteomics_log	4015090	4015122	+	1	80	R.AGMVAGVIVNR.T	15
PLOG+7802	proteomics_log	4016941	4017024	+	1	5	K.ADMVAHVHFSVASKYDVMNDLMSFGIHR.L	32
PLOG+7803	proteomics_log	4017064	4017126	+	1	5	R.RGQTVLDLAGGTGDLTAKFSR.L	25
PLOG+7804	proteomics_log	4017064	4017117	+	1	12	R.RGQTVLDLAGGTGDLTAK.F	22
PLOG+7805	proteomics_log	4017067	4017117	+	1	4	R.GQTVLDLAGGTGDLTAK.F	21
PLOG+7806	proteomics_log	4017082	4017117	+	1	3	L.DLAGGTGDLTAK.F	16
PLOG+7807	proteomics_log	4017127	4017192	+	1	4	R.LVGETGKVVLADINESMLKMGR.E	26
PLOG+7808	proteomics_log	4017127	4017183	+	1	51	R.LVGETGKVVLADINESMLK.M	23
PLOG+7809	proteomics_log	4017310	4017339	+	1	4	R.NVTDKDKALR.S	14
PLOG+7810	proteomics_log	4017373	4017456	+	1	13	R.LLVLEFSKPIIEPLSKAYDAYSFHVLP.R	32
PLOG+7811	proteomics_log	4017373	4017420	+	1	201	R.LLVLEFSKPIIEPLSK.A	20
PLOG+7812	proteomics_log	4017421	4017456	+	1	18	K.AYDAYSFHVLP.R.I	16
PLOG+7813	proteomics_log	4017457	4017516	+	1	2	R.IGSLVANDADSYRYLAESIR.M	24
PLOG+7814	proteomics_log	4017457	4017495	+	1	60	R.IGSLVANDADSYR.Y	17
PLOG+7815	proteomics_log	4017650	4017709	+	2	13	M.PFKPLVTAGIESLLNTFLYR.S	24
PLOG+7816	proteomics_log	4018112	4018144	+	2	2	R.YVAEAITEEWR.M	15

PLOG+7817	proteomics_log	4020088	4020153	+	1	5	K.KAMSDDEPKQDKTSQDADFTAK.T	26
PLOG+7818	proteomics_log	4020091	4020153	+	1	2	K.AMSDDEPKQDKTSQDADFTAK.T	25
PLOG+7819	proteomics_log	4020091	4020153	+	1	2	K.AM*SDDEPKQDKTSQDADFTAK.T	26
PLOG+7820	proteomics_log	4020151	4020213	+	1	2	A.KTIADKQADTNQEQAKTEDAK.R	25
PLOG+7821	proteomics_log	4020154	4020216	+	1	2	K.TIADKQADTNQEQAKTEDAKR.H	25
PLOG+7822	proteomics_log	4020154	4020198	+	1	20	K.TIADKQADTNQEQAQAK.T	19
PLOG+7823	proteomics_log	4020154	4020213	+	1	30	K.TIADKQADTNQEQAKTEDAK.R	24
PLOG+7824	proteomics_log	4020154	4020234	+	1	34	K.TIADKQADTNQEQAKTEDAKRHDKEQV.-	31
PLOG+7825	proteomics_log	4020718	4020753	+	1	8	K.TAAPSPSSSDKP.-	16
PLOG+7826	proteomics_log	4023020	4023082	+	2	11	A.MKYNDLRDFTLLEQQGELKR.I	25
PLOG+7827	proteomics_log	4024571	4024609	+	2	5	K.VTSVEAITDVTYR.V	17
PLOG+7828	proteomics_log	4024907	4024933	+	2	2	R.SILLTALAR.N	13
PLOG+7829	proteomics_log	4025213	4025248	+	2	3	R.EDRLFGDAFAFI.-	16
PLOG+7830	proteomics_log	4029184	4029237	+	1	5	K.MESLASLYKNHIATLQER.T	22
PLOG+7831	proteomics_log	4029259	4029354	+	1	6	R.FKLDALLIHSGELFNVFLDDHPYPFKVNPQFK.A	36
PLOG+7832	proteomics_log	4029259	4029336	+	1	8	R.FKLDALLIHSGELFNVFLDDHPYPFK.V	30
PLOG+7833	proteomics_log	4029421	4029516	+	1	29	K.LWFYLPVDYWHNVEPLTSFWTEDVEVIALPK.A	36
PLOG+7834	proteomics_log	4029553	4029588	+	1	29	R.GNIGYIGPVPER.A	16
PLOG+7835	proteomics_log	4029589	4029630	+	1	13	R.ALQLGIEASNINPK.G	18
PLOG+7836	proteomics_log	4029631	4029660	+	1	16	K.GVIDYLHYR.S	14
PLOG+7837	proteomics_log	4029877	4029906	+	1	2	K.LDHQAPEEM*R.S	15
PLOG+7838	proteomics_log	4029877	4029906	+	1	3	K.LDHQAPEEMR.S	14
PLOG+7839	proteomics_log	4029907	4029963	+	1	3	R.SFLLDAGAENGYAADLTR.T	23
PLOG+7840	proteomics_log	4029979	4030050	+	1	35	K.SDNDYAQLVKDVNDEQLALIATMK.A	28
PLOG+7841	proteomics_log	4030303	4030377	+	1	2	R.ILQPGMVLTIIEPGIYFIESLLAPWR.E	29
PLOG+7842	proteomics_log	4030447	4030497	+	1	2	R.IEDNVVIHENNVENMTR.D	21
PLOG+7843	proteomics_log	4030447	4030497	+	1	2	R.IEDNVVIHENNVENM*TR.D	22
PLOG+7844	proteomics_log	4032676	4032747	+	1	10	R.EIASYLASELKELGIQADVAVHR.I	28
PLOG+7845	proteomics_log	4033138	4033173	+	1	5	R.EIAHLTDKPTLK.-	16
PLOG+7846	proteomics_log	4040104	4040184	+	1	35	K.RLNEVIELLQPAWQKEPDLNLLQFLQK.L	31
PLOG+7847	proteomics_log	4040107	4040184	+	1	47	R.LNEVIELLQPAWQKEPDLNLLQFLQK.L	30
PLOG+7848	proteomics_log	4040185	4040256	+	1	13	K.LAKESGFDGELADLTDDILIYHLK.M	28
PLOG+7849	proteomics_log	4040194	4040256	+	1	4	K.ESGFDGELADLTDDILIYHLK.M	25
PLOG+7850	proteomics_log	4040257	4040337	+	1	2	K.MRDSAKDAVIPGLQKDYEDFKTALLR.A	31
PLOG+7851	proteomics_log	4040275	4040337	+	1	17	K.DAVIPGLQKDYEDFKTALLR.A	25
PLOG+7852	proteomics_log	4041672	4041791	+	3	8	K.YHVNFMGGDLGKDLTQAWAVAMALGVEDKVTVPLFEGVQK.T	44
PLOG+7853	proteomics_log	4041807	4041893	+	3	15	R.SASDIRDVFINAGIKGEEYDAAWNSFVVK.S	33
PLOG+7854	proteomics_log	4041894	4041941	+	3	3	K.SLVAQQEKAADVQLR.G	20
PLOG+7855	proteomics_log	4041972	4042046	+	3	12	K.YQLNPQGMDTSNMDVVFVQYADTVK.Y	29
PLOG+7856	proteomics_log	4044989	4045048	+	2	8	I.MVQIPQNPLILVDGSSYLYR.A	24
PLOG+7857	proteomics_log	4045049	4045129	+	2	26	R.AYHAFPPLTNSAGEPTGAMYGVNLMLR.S	31
PLOG+7858	proteomics_log	4045289	4045357	+	2	5	K.AM*GLPLLAVSGVEADDVIGTLAR.E	28
PLOG+7859	proteomics_log	4045289	4045357	+	2	45	K.AMGLPLLAVSGVEADDVIGTLAR.E	27
PLOG+7860	proteomics_log	4045586	4045669	+	2	9	K.TAQALLQGLGGLDTLYAEPEKIAGLSFR.G	32
PLOG+7861	proteomics_log	4046189	4046227	+	2	4	R.ALELLKPLEDEK.A	17
PLOG+7862	proteomics_log	4046297	4046353	+	2	6	R.GIAFDTMLESYILNSVAGR.H	23

PLOG+7863	proteomics_log	4046297	4046380	+	2	8	R.GIAFDTMLESYILNSVAGRHDMSLAER.W	32
PLOG+7864	proteomics_log	4046509	4046568	+	1	2	A.VASENVAGSAKTQRAVERLR.E	24
PLOG+7865	proteomics_log	4046543	4046605	+	2	11	K.HKGPLNVFENIEMPLVPVLSR.I	25
PLOG+7866	proteomics_log	4046549	4046605	+	2	2	K.GPLNVFENIEMPLVPVLSR.I	23
PLOG+7867	proteomics_log	4046639	4046674	+	2	9	K.VLHNHSEELTLR.L	16
PLOG+7868	proteomics_log	4046792	4046863	+	2	2	K.TPGGAPSTSEEVLEELALDYPLPK.V	28
PLOG+7869	proteomics_log	4046951	4046992	+	2	3	R.VHTSYHQAVTATGR.L	18
PLOG+7870	proteomics_log	4047146	4047193	+	2	5	R.DKGLLTAFEGKDIHR.A	20
PLOG+7871	proteomics_log	4047194	4047250	+	2	4	R.ATAAEVFGPLPLETVTSEQR.R	23
PLOG+7872	proteomics_log	4047263	4047313	+	2	2	K.AINFGLIYGMSAFGLAR.Q	21
PLOG+7873	proteomics_log	4047512	4047562	+	2	5	R.AAINAPMQGTAADIKR.A	21
PLOG+7874	proteomics_log	4047716	4047772	+	2	2	R.LDVPLLVEVGSGENWDQAH.-	23
PLOG+7875	proteomics_log	4049505	4049564	+	3	2	R.AAGGNTTSGSKGQNAPKDPR.I	24
PLOG+7876	proteomics_log	4049565	4049615	+	3	23	R.IGSKTPIPLGVTEKVTK.Q	21
PLOG+7877	proteomics_log	4050608	4050664	+	2	9	R.LVNREQDEEFIFALLNHAR.E	23
PLOG+7878	proteomics_log	4050752	4050826	+	2	2	R.VAELNPDRLSVFNYAHLPTIFAAQR.K	29
PLOG+7879	proteomics_log	4056442	4056534	+	1	2	K.LRNIAIIAHVDHGKTTLVDKLLQQSGTFDSR.A	35
PLOG+7880	proteomics_log	4056448	4056552	+	1	4	R.NIAIIAHVDHGKTTLVDKLLQQSGTFDSRAETQER.V	39
PLOG+7881	proteomics_log	4056448	4056501	+	1	6	R.NIAIIAHVDHGKTTLVDK.L	22
PLOG+7882	proteomics_log	4056448	4056483	+	1	28	R.NIAIIAHVDHGK.T	16
PLOG+7883	proteomics_log	4056448	4056534	+	1	169	R.NIAIIAHVDHGKTTLVDKLLQQSGTFDSR.A	33
PLOG+7884	proteomics_log	4056484	4056534	+	1	44	K.TTLVDKLLQQSGTFDSR.A	21
PLOG+7885	proteomics_log	4056502	4056534	+	1	34	K.LLQQSGTFDSR.A	15
PLOG+7886	proteomics_log	4056553	4056579	+	1	3	R.VMDSNDLEK.E	13
PLOG+7887	proteomics_log	4056553	4056585	+	1	6	R.VM*DSNDLEKER.G	16
PLOG+7888	proteomics_log	4056553	4056585	+	1	200	R.VMDSNDLEKER.G	15
PLOG+7889	proteomics_log	4056607	4056690	+	1	2	K.NTAIKWNDYRINIVDTPGHADFGGEVER.V	32
PLOG+7890	proteomics_log	4056607	4056636	+	1	25	K.NTAIKWNDYR.I	14
PLOG+7891	proteomics_log	4056637	4056759	+	1	21	R.INIVDTPGHADFGGEVERVMSMVDSVLLVVDAFDGMPQTR.F	45
PLOG+7892	proteomics_log	4056637	4056690	+	1	88	R.INIVDTPGHADFGGEVER.V	22
PLOG+7893	proteomics_log	4056691	4056759	+	1	4	R.VM*SM*VDSVLLVVDAFDGPM*PQTR.F	30
PLOG+7894	proteomics_log	4056691	4056759	+	1	5	R.VMSMVDSVLLVVDAFDGPM*PQTR.F	28
PLOG+7895	proteomics_log	4056691	4056774	+	1	6	R.VMSMVDSVLLVVDAFDGMPQTRFVTKK.A	32
PLOG+7896	proteomics_log	4056691	4056759	+	1	250	R.VMSMVDSVLLVVDAFDGMPQTR.F	27
PLOG+7897	proteomics_log	4057114	4057164	+	1	2	R.GKVKPNQQVTIIDSEGK.T	21
PLOG+7898	proteomics_log	4057114	4057170	+	1	21	R.GKVKPNQQVTIIDSEGKTR.N	23
PLOG+7899	proteomics_log	4057120	4057170	+	1	57	K.VKPNQQVTIIDSEGKTR.N	21
PLOG+7900	proteomics_log	4057120	4057164	+	1	70	K.VKPNQQVTIIDSEGK.T	19
PLOG+7901	proteomics_log	4057171	4057215	+	1	19	R.NAKVGKVLGHLGLER.I	19
PLOG+7902	proteomics_log	4057180	4057215	+	1	179	K.VGKVLGHLGLER.I	16
PLOG+7903	proteomics_log	4057189	4057215	+	1	37	K.VLGHLGLER.I	13
PLOG+7904	proteomics_log	4057417	4057512	+	1	2	R.QILDRLNKELVHNVALRVEETEDADAFRVSGR.G	36
PLOG+7905	proteomics_log	4057417	4057500	+	1	3	R.QILDRLNKELVHNVALRVEETEDADAFR.V	32
PLOG+7906	proteomics_log	4057417	4057467	+	1	16	R.QILDRLNKELVHNVALR.V	21
PLOG+7907	proteomics_log	4057468	4057500	+	1	10	R.VEETEDADAFR.V	15
PLOG+7908	proteomics_log	4057513	4057551	+	1	20	R.GELHLSVLIENMR.R	17

PLOG+7909	proteomics_log	4057552	4057587	+	1	60	R.REGFELAVSRPK.V	16
PLOG+7910	proteomics_log	4057555	4057587	+	1	20	R.EGFELAVSRPK.V	15
PLOG+7911	proteomics_log	4057615	4057695	+	1	19	R.KQEPYENVTLDVEEQHQGSVMQALGER.K	31
PLOG+7912	proteomics_log	4057696	4057737	+	1	2	R.KGDLKNM*NPDGKGR.V	19
PLOG+7913	proteomics_log	4057696	4057731	+	1	7	R.KGDLKNMNPDK.G	16
PLOG+7914	proteomics_log	4057696	4057737	+	1	85	R.KGDLKNMNPDKGR.V	18
PLOG+7915	proteomics_log	4057738	4057785	+	1	4	R.VRLDYVIPSRLIGFR.S	20
PLOG+7916	proteomics_log	4057738	4057767	+	1	133	R.VRLDYVIPSR.G	14
PLOG+7917	proteomics_log	4057786	4057878	+	1	33	R.SEFMTMTSGTGLLYSTFSHYDDVRPGEVGQR.Q	35
PLOG+7918	proteomics_log	4057879	4057914	+	1	6	R.QNGVLISNGQGK.A	16
PLOG+7919	proteomics_log	4057915	4057956	+	1	9	K.AVAFALFGLQDRGK.L	18
PLOG+7920	proteomics_log	4057915	4057950	+	1	149	K.AVAFALFGLQDR.G	16
PLOG+7921	proteomics_log	4057951	4058016	+	1	86	R.GKFLGHGAEVYEGQIIGIHSR.S	26
PLOG+7922	proteomics_log	4057957	4058016	+	1	112	K.LFLGHGAEVYEGQIIGIHSR.S	24
PLOG+7923	proteomics_log	4058017	4058052	+	1	4	R.SNDLTVNCLTGK.K	16
PLOG+7924	proteomics_log	4058071	4058115	+	1	197	R.ASGTDEAVVLVPPIR.M	19
PLOG+7925	proteomics_log	4058116	4058193	+	1	2	R.M*TLEQALEFIDDDDELVEVTPTSIRIR.K	31
PLOG+7926	proteomics_log	4058116	4058187	+	1	6	R.M*TLEQALEFIDDDDELVEVTPTSIR.I	29
PLOG+7927	proteomics_log	4058116	4058193	+	1	93	R.MTLEQALEFIDDDDELVEVTPTSIRIR.K	30
PLOG+7928	proteomics_log	4058116	4058187	+	1	187	R.MTLEQALEFIDDDDELVEVTPTSIR.I	28
PLOG+7929	proteomics_log	4058200	4058223	+	1	5	R.HLTENDRR.R	12
PLOG+7930	proteomics_log	4070827	4070886	+	1	3	R.HWHMQLVGDIKGDAKILMGK.I	24
PLOG+7931	proteomics_log	4075323	4075373	+	3	4	K.GASPDRAEALDYFVER.C	21
PLOG+7932	proteomics_log	4075769	4075813	+	2	2	K.GLGTLMAMTLESVAR.Q	19
PLOG+7933	proteomics_log	4098836	4098922	+	2	6	M.SYTLPSLPYAYDALEPHFDKQTM*EIHHTK.H	34
PLOG+7934	proteomics_log	4098836	4098922	+	2	21	M.SYTLPSLPYAYDALEPHFDKQTM*EIHHTK.H	33
PLOG+7935	proteomics_log	4098836	4098895	+	2	23	M.SYTLPSLPYAYDALEPHFDK.Q	24
PLOG+7936	proteomics_log	4098896	4098922	+	2	4	K.QTMEIHHTK.H	13
PLOG+7937	proteomics_log	4098923	4099003	+	2	5	K.HHQTYVNNANALESLEPEFANLPVEEL.I	31
PLOG+7938	proteomics_log	4098923	4099051	+	2	9	K.HHQTYVNNANALESLEPEFANLPVEELITKLDQLPADKKTVLR.N	47
PLOG+7939	proteomics_log	4098923	4099012	+	2	43	K.HHQTYVNNANALESLEPEFANLPVEELITK.L	34
PLOG+7940	proteomics_log	4098923	4099039	+	2	58	K.HHQTYVNNANALESLEPEFANLPVEELITKLDQLPADKK.T	43
PLOG+7941	proteomics_log	4098938	4099012	+	2	3	Y.VNNANALESLEPEFANLPVEELITK.L	29
PLOG+7942	proteomics_log	4099013	4099039	+	2	52	K.LDQLPADKK.T	13
PLOG+7943	proteomics_log	4099013	4099051	+	2	80	K.LDQLPADKKTVLR.N	17
PLOG+7944	proteomics_log	4099052	4099093	+	2	40	R.NNAGGHANHSLFWK.G	18
PLOG+7945	proteomics_log	4099094	4099189	+	2	7	K.GLKKGTTLQGDLKAAIERDFGSVDNFKAEFEK.A	36
PLOG+7946	proteomics_log	4099094	4099147	+	2	7	K.GLKKGTTLQGDLKAAIER.D	22
PLOG+7947	proteomics_log	4099094	4099132	+	2	53	K.GLKKGTTLQGDLK.A	17
PLOG+7948	proteomics_log	4099103	4099147	+	2	13	K.KGTTLQGDLKAAIER.D	19
PLOG+7949	proteomics_log	4099103	4099204	+	2	17	K.KGTTLQGDLKAAIERDFGSVDNFKAEFEKAAASR.F	38
PLOG+7950	proteomics_log	4099103	4099132	+	2	20	K.KGTTLQGDLK.A	14
PLOG+7951	proteomics_log	4099103	4099189	+	2	37	K.KGTTLQGDLKAAIERDFGSVDNFKAEFEK.A	33
PLOG+7952	proteomics_log	4099106	4099147	+	2	3	K.GTTLQGDLKAAIER.D	18
PLOG+7953	proteomics_log	4099106	4099204	+	2	13	K.GTTLQGDLKAAIERDFGSVDNFKAEFEKAAASR.F	37
PLOG+7954	proteomics_log	4099106	4099189	+	2	19	K.GTTLQGDLKAAIERDFGSVDNFKAEFEK.A	32

PLOG+7955	proteomics_log	4099133	4099204	+	2	72	K.AAIERDFGSVDNFKAEFKAAASR.F	28
PLOG+7956	proteomics_log	4099133	4099189	+	2	144	K.AAIERDFGSVDNFKAEFK.A	23
PLOG+7957	proteomics_log	4099148	4099174	+	2	6	R.DFGSVDNFK.A	13
PLOG+7958	proteomics_log	4099148	4099189	+	2	110	R.DFGSVDNFKAEFK.A	18
PLOG+7959	proteomics_log	4099148	4099204	+	2	138	R.DFGSVDNFKAEFKAAASR.F	23
PLOG+7960	proteomics_log	4099154	4099189	+	2	2	F.GSVDNFKAEFK.A	16
PLOG+7961	proteomics_log	4099175	4099204	+	2	6	K.AEFKAAASR.F	14
PLOG+7962	proteomics_log	4099205	4099330	+	2	4	R.FGSGWAWLVKLGDKLAVVSTANQDSPLMGEAISGASGFPIMG.L	46
PLOG+7963	proteomics_log	4099205	4099246	+	2	52	R.FGSGWAWLVKLGDK.L	18
PLOG+7964	proteomics_log	4099205	4099237	+	2	71	R.FGSGWAWLVK.G	15
PLOG+7965	proteomics_log	4099238	4099363	+	2	2	K.GDKLAVVSTANQDSPLM*GEAISGASGFPIMGGLDVWEHAYLK.F	47
PLOG+7966	proteomics_log	4099238	4099363	+	2	2	K.GDKLAVVSTANQDSPLM*GEAISGASGFPIMGGLDVWEHAYLK.F	48
PLOG+7967	proteomics_log	4099238	4099363	+	2	55	K.GDKLAVVSTANQDSPLMGEAISGASGFPIMGGLDVWEHAYLK.F	46
PLOG+7968	proteomics_log	4099244	4099363	+	2	2	D.KLAVVSTANQDSPLMGEAISGASGFPIMGGLDVWEHAYLK.F	44
PLOG+7969	proteomics_log	4099247	4099363	+	2	2	K.LAVVSTANQDSPLMGEAISGASGFPIMGGLDVWEHAYLK.F	44
PLOG+7970	proteomics_log	4099247	4099363	+	2	56	K.LAVVSTANQDSPLMGEAISGASGFPIMGGLDVWEHAYLK.F	43
PLOG+7971	proteomics_log	4099304	4099363	+	2	2	S.GASGFPIMGGLDVWEHAYLK.F	24
PLOG+7972	proteomics_log	4099364	4099435	+	2	165	K.FQNRDPYIKFVWVNVWDEAAAR.F	28
PLOG+7973	proteomics_log	4099376	4099435	+	2	309	R.RPDYIKFVWVNVWDEAAAR.F	24
PLOG+7974	proteomics_log	4099394	4099435	+	2	30	K.EFVWVNVWDEAAAR.F	18
PLOG+7975	proteomics_log	4101055	4101159	+	1	4	R.EFPEQALFVAPAFGENLSTDGLTESNVYM*GDIFR.W	40
PLOG+7976	proteomics_log	4101268	4101339	+	1	2	K.VGWLYSVIAPGKVSADAPLELVSR.V	28
PLOG+7977	proteomics_log	4105575	4105652	+	3	19	V.MIKKIGVLTSGGDAPGMNAAIRGVVR.S	30
PLOG+7978	proteomics_log	4105575	4105640	+	3	31	V.MIKKIGVLTSGGDAPGMNAAIR.G	26
PLOG+7979	proteomics_log	4105584	4105652	+	3	4	K.KIGVLTSGGDAPGMNAAIRGVVR.S	27
PLOG+7980	proteomics_log	4105584	4105640	+	3	6	K.KIGVLTSGGDAPGMNAAIR.G	23
PLOG+7981	proteomics_log	4105587	4105628	+	3	2	K.IGVLTSGGDAPGM*N.A	19
PLOG+7982	proteomics_log	4105587	4105640	+	3	3	K.IGVLTSGGDAPGM*NAAIR.G	23
PLOG+7983	proteomics_log	4105587	4105652	+	3	7	K.IGVLTSGGDAPGMNAAIRGVVR.S	26
PLOG+7984	proteomics_log	4105587	4105640	+	3	93	K.IGVLTSGGDAPGMNAAIR.G	22
PLOG+7985	proteomics_log	4105653	4105721	+	3	26	R.SALTEGLEVMGIYDGYLGLYEDR.M	27
PLOG+7986	proteomics_log	4105722	4105766	+	3	2	R.MVQLDRYSVSDMINR.G	19
PLOG+7987	proteomics_log	4105740	4105766	+	3	3	R.YSVSDMINR.G	13
PLOG+7988	proteomics_log	4106034	4106063	+	3	11	R.LRDTSSSHQR.I	14
PLOG+7989	proteomics_log	4106064	4106090	+	3	35	R.ISVVEVMGR.Y	13
PLOG+7990	proteomics_log	4106307	4106360	+	3	2	R.ATVLGHIIQRGGSPVPYDR.I	22
PLOG+7991	proteomics_log	4106307	4106375	+	3	25	R.ATVLGHIIQRGGSPVPYDRILASR.M	27
PLOG+7992	proteomics_log	4106307	4106333	+	3	102	R.ATVLGHIIQR.G	13
PLOG+7993	proteomics_log	4106376	4106423	+	3	11	R.M*GAYAIDLLLAGYGGR.C	21
PLOG+7994	proteomics_log	4106376	4106423	+	3	226	R.MGAYAIDLLLAGYGGR.C	20
PLOG+7995	proteomics_log	4106887	4106955	+	1	4	F.LLAATSVM*AKDIQLLNVSYPTR.E	28
PLOG+7996	proteomics_log	4106914	4106979	+	1	2	A.KDIQLLNVSYPTRRELYEQYNK.A	26
PLOG+7997	proteomics_log	4107055	4107138	+	1	33	K.QATSVINGIADVVTLALAYDVAIAER.G	32
PLOG+7998	proteomics_log	4107166	4107219	+	1	3	K.RLPDNSAPYTSTIVFLVR.K	22
PLOG+7999	proteomics_log	4107394	4107435	+	1	30	R.ALYKNVEVLDSGAR.G	18
PLOG+8000	proteomics_log	4107406	4107435	+	1	2	K.NVEVLDSGAR.G	14

PLOG+8001	proteomics_log	4107463	4107528	+	1	2	R.GIGDVLIAWENEALLAANELGK.D	26
PLOG+8002	proteomics_log	4107646	4107684	+	1	5	K.YLYSPEGQEIAAK.N	17
PLOG+8003	proteomics_log	4107745	4107789	+	1	3	K.LKLFTIDEEFGGWTK.A	19
PLOG+8004	proteomics_log	4107751	4107789	+	1	18	K.LFTIDEEFGGWTK.A	17
PLOG+8005	proteomics_log	4107790	4107843	+	1	11	K.AQKEHFANGGTFDQISKR.-	22
PLOG+8006	proteomics_log	4111319	4111399	+	2	21	M.AYKHIGVAISGNEEDALLVNKALELAR.H	31
PLOG+8007	proteomics_log	4111400	4111504	+	2	21	R.HNDAHLTLIHIDDGLSELYPGIYFPATEDILQLLK.N	39
PLOG+8008	proteomics_log	4111670	4111741	+	2	16	R.LMPAYRGMINKMSADLLIVPFIDK.-	28
PLOG+8009	proteomics_log	4111703	4111741	+	2	63	K.MSADLLIVPFIDK.-	17
PLOG+8010	proteomics_log	4116541	4116642	+	1	2	M.TM*SLEVFLEKLEAKVQQAIDTITLLQM*EIEELKEK.N	40
PLOG+8011	proteomics_log	4116547	4116642	+	1	97	M.SLEVFLEKLEAKVQQAIDTITLLQMEIEELKEK.N	36
PLOG+8012	proteomics_log	4116547	4116579	+	1	195	M.SLEVFLEKLEAK.V	15
PLOG+8013	proteomics_log	4116568	4116642	+	1	3	K.LEAKVQQAIDTITLLQMEIEELKEK.N	29
PLOG+8014	proteomics_log	4116580	4116687	+	1	2	K.VQQAIDTITLLQMEIEELKEKNNSLSQEVQNAQHQR.E	40
PLOG+8015	proteomics_log	4116580	4116642	+	1	5	K.VQQAIDTITLLQM*EIEELKEK.N	26
PLOG+8016	proteomics_log	4116580	4116687	+	1	2	K.VQQAIDTITLLQM*EIEELKEKNNSLSQEVQNAQHQR.E	41
PLOG+8017	proteomics_log	4116580	4116642	+	1	106	K.VQQAIDTITLLQMEIEELKEK.N	25
PLOG+8018	proteomics_log	4116583	4116687	+	1	17	V.QQAIDTITLLQMEIEELKEKNNSLSQEVQNAQHQR.E	39
PLOG+8019	proteomics_log	4116643	4116687	+	1	10	K.NNSLSQEVQNAQHQR.E	19
PLOG+8020	proteomics_log	4116685	4116702	+	1	3	Q.REELER.E	10
PLOG+8021	proteomics_log	4116688	4116747	+	1	3	R.EELERENHHLKEQQNGWQER.L	24
PLOG+8022	proteomics_log	4116748	4116780	+	1	9	R.LQALLGRMEEV.-	15
PLOG+8023	proteomics_log	4116748	4116768	+	1	22	R.LQALLGR.M	11
PLOG+8024	proteomics_log	4122866	4122913	+	2	9	T.QLLQEQRVRLVIMIFR.T	20
PLOG+8025	proteomics_log	4125036	4125104	+	3	6	P.MKKDIHPKYEEITASCSCGNVMK.I	27
PLOG+8026	proteomics_log	4125036	4125110	+	3	7	P.MKKDIHPKYEEITASCSCGNVMKIR.S	29
PLOG+8027	proteomics_log	4125036	4125059	+	3	20	P.MKKDIHPK.Y	12
PLOG+8028	proteomics_log	4125060	4125104	+	3	3	K.YEEITASCSCGNVMK.I	19
PLOG+8029	proteomics_log	4125060	4125107	+	3	11	K.YEEITASCSCGNVMKI.R	20
PLOG+8030	proteomics_log	4125111	4125152	+	3	8	R.STVGHDNLNLDVCSK.C	18
PLOG+8031	proteomics_log	4125111	4125182	+	3	8	R.STVGHDNLNLDVCSKCHPFFTQQR.D	28
PLOG+8032	proteomics_log	4125111	4125176	+	3	11	R.STVGHDNLNLDVCSKCHPFFTQQR.Q	26
PLOG+8033	proteomics_log	4125177	4125203	+	3	3	K.QRDVATGGR.V	13
PLOG+8034	proteomics_log	4125183	4125209	+	3	3	R.DVATGGRVD.R	13
PLOG+8035	proteomics_log	4125183	4125221	+	3	3	R.DVATGGRVDRFNK.R	17
PLOG+8036	proteomics_log	4125222	4125245	+	3	14	K.RFNIPGSK.-	12
PLOG+8037	proteomics_log	4125225	4125245	+	3	21	R.FNIPGSK.-	11
PLOG+8038	proteomics_log	4126698	4126727	+	3	18	M.TRKQATI AVR.S	14
PLOG+8039	proteomics_log	4126839	4126871	+	3	7	R.RGNPTRDVVQR.A	15
PLOG+8040	proteomics_log	4127049	4127087	+	3	5	R.VLFVDQGDQALR.A	17
PLOG+8041	proteomics_log	4127112	4127150	+	3	10	K.LVLVESPSNPLLR.V	17
PLOG+8042	proteomics_log	4127187	4127255	+	3	3	R.EVGAVSVVDNTFLSPALQNPLAL.G	27
PLOG+8043	proteomics_log	4127187	4127243	+	3	6	R.EVGAVSVVDNTFLSPALQN.P	23
PLOG+8044	proteomics_log	4127514	4127567	+	3	6	K.KLYHPSLPENQGHGHEIAAR.Q	22
PLOG+8045	proteomics_log	4127631	4127744	+	3	17	R.RFLGGLSLFTLAESLGGVESLISHAATMTHAGMAPEAR.A	42
PLOG+8046	proteomics_log	4127634	4127744	+	3	2	R.FLGGLSLFTLAESLGGVESLISHAATM*THAGMAPEAR.A	42

PLOG+8047	proteomics_log	4127634	4127744	+	3	2	R.FLGGLSLFTLAESLGGVESLISHAATM*THAGM*APEAR.A	43
PLOG+8048	proteomics_log	4127634	4127744	+	3	12	R.FLGGLSLFTLAESLGGVESLISHAATMTHAGM*APEAR.A	42
PLOG+8049	proteomics_log	4127634	4127744	+	3	129	R.FLGGLSLFTLAESLGGVESLISHAATMTHAGMAPEAR.A	41
PLOG+8050	proteomics_log	4127670	4127744	+	3	10	E.SLGGVESLISHAATMTHAGMAPEAR.A	29
PLOG+8051	proteomics_log	4127745	4127837	+	3	19	R.AAAGISETLLRISTGIEDGEDLIADLENGFR.A	35
PLOG+8052	proteomics_log	4127745	4127852	+	3	45	R.AAAGISETLLRISTGIEDGEDLIADLENGFRAANKG.-	40
PLOG+8053	proteomics_log	4127745	4127777	+	3	85	R.AAAGISETLLR.I	15
PLOG+8054	proteomics_log	4127778	4127852	+	3	10	R.ISTGIEDGEDLIADLENGFRAANKG.-	29
PLOG+8055	proteomics_log	4127778	4127837	+	3	167	R.ISTGIEDGEDLIADLENGFR.A	24
PLOG+8056	proteomics_log	4127861	4127893	+	2	2	M.SVIAQAGAKGR.Q	15
PLOG+8057	proteomics_log	4128617	4128643	+	2	2	R.LDEASELAR.L	13
PLOG+8058	proteomics_log	4128644	4128670	+	2	13	R.LAAPVLHAR.T	13
PLOG+8059	proteomics_log	4128671	4128715	+	2	21	R.TLQPVSGSEIDLQLR.C	19
PLOG+8060	proteomics_log	4130234	4130287	+	2	2	R.DVTAGAIQSDINRLAQLL.-	22
PLOG+8061	proteomics_log	4130234	4130272	+	2	3	R.DVTAGAIQSDINR.L	17
PLOG+8062	proteomics_log	4130738	4130779	+	2	5	R.TSEMEQTLWNSIDR.L	18
PLOG+8063	proteomics_log	4130738	4130800	+	2	26	R.TSEMEQTLWNSIDRLSSLKPK.F	25
PLOG+8064	proteomics_log	4130801	4130839	+	2	2	K.FVSVTYGANSGER.D	17
PLOG+8065	proteomics_log	4130801	4130863	+	2	2	K.FVSVTYGANSGERDRTHSIIK.G	25
PLOG+8066	proteomics_log	4130993	4131118	+	2	2	R.GDLPPGSGKPEMYASDLVTLLEKAVDFDISVAAYPEVHPEAK.S	46
PLOG+8067	proteomics_log	4131119	4131148	+	2	2	K.SAQADLLNLK.R	14
PLOG+8068	proteomics_log	4131119	4131154	+	2	3	K.SAQADLLNLKRK.V	16
PLOG+8069	proteomics_log	4131119	4131175	+	2	4	K.SAQADLLNLKRKVDAGANR.A	23
PLOG+8070	proteomics_log	4131119	4131151	+	2	83	K.SAQADLLNLKR.K	15
PLOG+8071	proteomics_log	4131149	4131175	+	2	3	K.RKVDAGANR.A	13
PLOG+8072	proteomics_log	4131176	4131205	+	2	3	R.AITQFFFDVE.S	14
PLOG+8073	proteomics_log	4131176	4131217	+	2	201	R.AITQFFFDVESYLR.F	18
PLOG+8074	proteomics_log	4131302	4131328	+	2	3	K.KFADMTNVR.I	13
PLOG+8075	proteomics_log	4131302	4131349	+	2	16	K.KFADMTNVRIPAWMAQ.M	20
PLOG+8076	proteomics_log	4131329	4131388	+	2	3	R.IPAWMAQMFGLDDDAETRK.L	24
PLOG+8077	proteomics_log	4131329	4131385	+	2	31	R.IPAWMAQMFGLDDDAETR.K	23
PLOG+8078	proteomics_log	4131386	4131424	+	2	23	R.KLVGANIAMDMVK.I	17
PLOG+8079	proteomics_log	4131389	4131424	+	2	7	K.LVGANIAMDMVK.I	16
PLOG+8080	proteomics_log	4131425	4131475	+	2	2	K.ILSREGVKDFHFYTLNR.A	21
PLOG+8081	proteomics_log	4131861	4131902	+	3	11	M.STSDDIHNTTATGK.C	18
PLOG+8082	proteomics_log	4131984	4132013	+	3	17	R.VDLLNQHSNR.S	14
PLOG+8083	proteomics_log	4132095	4132163	+	3	8	K.ALLTESQPWWPADWGSYAGLFR.M	27
PLOG+8084	proteomics_log	4132326	4132388	+	3	29	K.ISWADLFILAGNVALENSGFR.T	25
PLOG+8085	proteomics_log	4132500	4132622	+	3	2	K.APLGATEM*GLIYVNPEGPDHSGEPLSAAAAAIRATFGNM*GM*N.D	48
PLOG+8086	proteomics_log	4132884	4132961	+	3	5	R.SPAGAIQFEAVDAPEIIPDFDPSKK.R	30
PLOG+8087	proteomics_log	4133031	4133075	+	3	5	R.RFLNDPQAFNEAFAR.A	19
PLOG+8088	proteomics_log	4133034	4133075	+	3	93	R.FLNDPQAFNEAFAR.A	18
PLOG+8089	proteomics_log	4133121	4133219	+	3	20	R.YIGPEVPKEDLIWQDPLPQPIYNPTEQDIIDLK.F	37
PLOG+8090	proteomics_log	4133331	4133381	+	3	92	R.LALMPQRDWDVNAAAVR.A	21
PLOG+8091	proteomics_log	4133403	4133474	+	3	4	K.IQKESGKASLADIIVLAVGVVEK.A	28
PLOG+8092	proteomics_log	4133424	4133474	+	3	10	K.ASLADIIVLAVGVVEK.A	21

PLOG+8093	proteomics_log	4133424	4133525	+	3	12	K.ASLADIIVLAGVVGVEKAASAAGLSIHVPFAPGR.V	38
PLOG+8094	proteomics_log	4133475	4133537	+	3	5	K.AASAAGLSIHVPFAPGRVDAR.Q	25
PLOG+8095	proteomics_log	4133475	4133525	+	3	23	K.AASAAGLSIHVPFAPGR.V	21
PLOG+8096	proteomics_log	4133538	4133606	+	3	14	R.QDQTDIEMFELLEPIADGFRNYR.A	27
PLOG+8097	proteomics_log	4133538	4133597	+	3	46	R.QDQTDIEMFELLEPIADGFR.N	24
PLOG+8098	proteomics_log	4133607	4133708	+	3	8	R.ARLDVSTTESLLIDKAQQTLTAPEMTALVGGMR.V	38
PLOG+8099	proteomics_log	4133613	4133708	+	3	5	R.LDVSTTESLLIDKAQQTLTAPEMTALVGGM*R.V	37
PLOG+8100	proteomics_log	4133613	4133708	+	3	39	R.LDVSTTESLLIDKAQQTLTAPEMTALVGGMR.V	36
PLOG+8101	proteomics_log	4133652	4133708	+	3	6	K.AQQLTLTAPEMTALVGGMR.V	23
PLOG+8102	proteomics_log	4133709	4133807	+	3	2	R.VLGANFDGSKNGVFTDRVGVLSNDDFFVNLLDM*R.Y	38
PLOG+8103	proteomics_log	4133709	4133807	+	3	2	R.VLGANFDGSKNGVFTDRVGVLSNDDFFVNLLDMR.Y	37
PLOG+8104	proteomics_log	4133736	4133807	+	3	3	S.KNGVFTDRVGVLSNDDFFVNLLDMR.Y	28
PLOG+8105	proteomics_log	4133739	4133807	+	3	12	K.NGVFTDRVGVLSNDDFFVNLLDMR.Y	27
PLOG+8106	proteomics_log	4133760	4133807	+	3	6	R.VGVLSNDDFFVNLLDM*R.Y	21
PLOG+8107	proteomics_log	4133760	4133807	+	3	81	R.VGVLSNDDFFVNLLDMR.Y	20
PLOG+8108	proteomics_log	4133931	4134005	+	3	30	R.AVAEYASSDAHEKFVKDFVAAWVK.V	29
PLOG+8109	proteomics_log	4133973	4134005	+	3	2	K.FVKDFVAAWVK.V	15
PLOG+8110	proteomics_log	4134006	4134035	+	3	75	K.VMNLDRFDLL.-	14
PLOG+8111	proteomics_log	4143513	4143581	+	3	2	R.LSAIVWKKAAILPM*AARVITSPA.Y	28
PLOG+8112	proteomics_log	4153663	4153734	+	1	2	R.HQPEIATHLGADVIFTPHLGNFPR.G	28
PLOG+8113	proteomics_log	4153762	4153836	+	1	6	R.LKSGVTQAQVAQVLQQAAYAHKPLVR.L	29
PLOG+8114	proteomics_log	4153768	4153836	+	1	4	K.SGVTQAQVAQVLQQAAYAHKPLVR.L	27
PLOG+8115	proteomics_log	4153996	4154025	+	1	6	R.FGYAETQSLI.-	14
PLOG+8116	proteomics_log	4154039	4154101	+	2	18	M.MNPLIIKLGVLDDSEEALER.L	25
PLOG+8117	proteomics_log	4154060	4154128	+	2	17	K.LGGVLLDSEEALERLFSALVNYR.E	27
PLOG+8118	proteomics_log	4154060	4154101	+	2	100	K.LGGVLLDSEEALER.L	18
PLOG+8119	proteomics_log	4154222	4154314	+	2	10	K.NGLRVTPADQIDIITGALAGTANKTLLAWAK.K	35
PLOG+8120	proteomics_log	4154234	4154293	+	2	27	R.VTPADQIDIITGALAGTANK.T	24
PLOG+8121	proteomics_log	4154315	4154428	+	2	5	K.KHQIAAVGLFLGDGDSVKVTQLDEELGHVGLAQPGSPK.L	42
PLOG+8122	proteomics_log	4154369	4154428	+	2	17	K.VTQLDEELGHVGLAQPGSPK.L	24
PLOG+8123	proteomics_log	4154429	4154470	+	2	3	K.LINSLLENGYLPVV.S	18
PLOG+8124	proteomics_log	4154483	4154611	+	2	5	G.VTDEGQLMNVNADQAATALAATLGADLILLSVSGILDGKGQR.I	47
PLOG+8125	proteomics_log	4154543	4154611	+	2	9	A.ATLGADLILLSVSGILDGKGQR.I	27
PLOG+8126	proteomics_log	4154612	4154683	+	2	9	R.IAEMTAAKAEQLIEQGIITDGMIV.K	28
PLOG+8127	proteomics_log	4154612	4154686	+	2	13	R.IAEMTAAKAEQLIEQGIITDGMIVK.V	29
PLOG+8128	proteomics_log	4154612	4154713	+	2	19	R.IAEMTAAKAEQLIEQGIITDGMIVKVNAALDAAR.T	38
PLOG+8129	proteomics_log	4154636	4154683	+	2	2	K.AEQLIEQGIITDGMIV.K	20
PLOG+8130	proteomics_log	4154636	4154683	+	2	2	K.AEQLIEQGIITDGM*IV.K	21
PLOG+8131	proteomics_log	4154687	4154713	+	2	7	K.VNAALDAAR.T	13
PLOG+8132	proteomics_log	4154714	4154749	+	2	4	R.TLGRPVDIASWR.H	16
PLOG+8133	proteomics_log	4154750	4154800	+	2	6	R.HAEQLPALFNGMMPMGTR.I	21
PLOG+8134	proteomics_log	4154876	4154917	+	2	2	M.ALWGGFRFTQAADQR.F	18
PLOG+8135	proteomics_log	4154894	4154917	+	2	44	R.FTQAADQR.F	12
PLOG+8136	proteomics_log	4154918	4154944	+	2	47	R.FKQFNDSL.R.F	13
PLOG+8137	proteomics_log	4154957	4154998	+	2	31	R.LAEQDIVGSAVWSK.A	18
PLOG+8138	proteomics_log	4154999	4155082	+	2	386	K.ALVTGVVLTAEQAQLEALNVLLEDVR.A	32

PLOG+8139	proteomics_log	4155023	4155082	+	2	20	L.TAEFAQLEALNVLLEDVR.A	24
PLOG+8140	proteomics_log	4155083	4155145	+	2	51	R.ARPQQILESDAEDIHSWVEGK.L	25
PLOG+8141	proteomics_log	4155146	4155193	+	2	4	K.LIDKVGQLGKKLHTGR.S	20
PLOG+8142	proteomics_log	4155146	4155178	+	2	10	K.LIDKVGQLGKK.L	15
PLOG+8143	proteomics_log	4155146	4155175	+	2	71	K.LIDKVGQLGK.K	14
PLOG+8144	proteomics_log	4155194	4155226	+	2	5	R.SRNDQVATDLK.L	15
PLOG+8145	proteomics_log	4155239	4155271	+	2	2	K.DTVSELLTANR.Q	15
PLOG+8146	proteomics_log	4155272	4155349	+	2	91	R.QLQSALVETAQNNQDAVMPGYTHLQR.A	30
PLOG+8147	proteomics_log	4155542	4155625	+	2	200	R.NSLDSVSDRDHVLELLSAAAIGMVHLSR.F	32
PLOG+8148	proteomics_log	4155725	4155751	+	2	4	K.NPDALELIR.G	13
PLOG+8149	proteomics_log	4155767	4155796	+	2	2	R.VQGALTGM*M*M*.T	17
PLOG+8150	proteomics_log	4155767	4155805	+	2	20	R.VQGALTGMMMTLK.G	17
PLOG+8151	proteomics_log	4156004	4156108	+	2	7	K.GVPFREAHHIVGEAVVEAIRQGKPLEDLPLSELQK.F	39
PLOG+8152	proteomics_log	4156004	4156063	+	2	24	K.GVPFREAHHIVGEAVVEAIR.Q	24
PLOG+8153	proteomics_log	4156019	4156063	+	2	3	R.EAHHIVGEAVVEAIR.Q	19
PLOG+8154	proteomics_log	4156064	4156108	+	2	2	R.QGKPLEDLPLSELQK.F	19
PLOG+8155	proteomics_log	4156175	4156237	+	2	46	R.AAKGGVSPQQVAQIAFAQAR.L	25
PLOG+8156	proteomics_log	4156184	4156237	+	2	146	K.GGVSPQQVAQIAFAQAR.L	22
PLOG+8157	proteomics_log	4156513	4156560	+	1	5	I.M*NIRDLEYLVALAEHR.H	21
PLOG+8158	proteomics_log	4156513	4156560	+	1	103	I.MNIRDLEYLVALAEHR.H	20
PLOG+8159	proteomics_log	4156624	4156662	+	1	68	R.KLEDELGVMLLER.T	17
PLOG+8160	proteomics_log	4156672	4156719	+	1	36	R.KVLFTQAGMLLVQDQAR.T	20
PLOG+8161	proteomics_log	4156675	4156719	+	1	2	K.VLFTQAGMLLVQDQAR.T	19
PLOG+8162	proteomics_log	4159186	4159227	+	1	5	R.SLVEAAFSQLSAER.S	18
PLOG+8163	proteomics_log	4159525	4159587	+	1	14	R.EIQHFIAELADYLELENHMPR.A	25
PLOG+8164	proteomics_log	4162322	4162378	+	2	3	K.TLYGALEHNFTDAWSGFVR.G	23
PLOG+8165	proteomics_log	4163342	4163407	+	2	4	K.MGGVSLWDLAVAYPVTSHLTVR.G	26
PLOG+8166	proteomics_log	4163820	4163858	+	3	2	R.LTANGIVGLLATR.G	17
PLOG+8167	proteomics_log	4164120	4164149	+	3	2	R.LVDSGAAIAR.R	14
PLOG+8168	proteomics_log	4170638	4170721	+	2	2	P.VLTYGDLTRLDPPTVTPQQVFNAVCHMR.T	32
PLOG+8169	proteomics_log	4173982	4174080	+	1	8	K.FERTKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	37
PLOG+8170	proteomics_log	4173982	4174080	+	1	8	K.FERTKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	37
PLOG+8171	proteomics_log	4173991	4174053	+	1	3	R.TKPHVNVGTIGHVDHGKTTLT.A	25
PLOG+8172	proteomics_log	4173991	4174035	+	1	8	R.TKPHVNVGTIGHVDH.G	19
PLOG+8173	proteomics_log	4173991	4174101	+	1	49	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	41
PLOG+8174	proteomics_log	4173991	4174041	+	1	225	R.TKPHVNVGTIGHVDHGK.T	21
PLOG+8175	proteomics_log	4173991	4174080	+	1	526	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	34
PLOG+8176	proteomics_log	4173991	4174053	+	1	3	R.TKPHVNVGTIGHVDHGKTTLT.A	25
PLOG+8177	proteomics_log	4173991	4174035	+	1	8	R.TKPHVNVGTIGHVDH.G	19
PLOG+8178	proteomics_log	4173991	4174101	+	1	49	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	41
PLOG+8179	proteomics_log	4173991	4174041	+	1	225	R.TKPHVNVGTIGHVDHGK.T	21
PLOG+8180	proteomics_log	4173991	4174080	+	1	526	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	34
PLOG+8181	proteomics_log	4173997	4174041	+	1	2	K.PHVNVGTIGHVDHGK.T	19
PLOG+8182	proteomics_log	4173997	4174101	+	1	25	K.PHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	39
PLOG+8183	proteomics_log	4173997	4174041	+	1	2	K.PHVNVGTIGHVDHGK.T	19
PLOG+8184	proteomics_log	4173997	4174101	+	1	25	K.PHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	39

PLOG+8185	proteomics_log	4174012	4174080	+	1	2	V.GTIGHVDH GKTTLTA AITTVLAK.T	27
PLOG+8186	proteomics_log	4174012	4174080	+	1	2	V.GTIGHVDH GKTTLTA AITTVLAK.T	27
PLOG+8187	proteomics_log	4174021	4174080	+	1	12	I.GHVDH GKTTLTA AITTVLAK.T	24
PLOG+8188	proteomics_log	4174021	4174080	+	1	12	I.GHVDH GKTTLTA AITTVLAK.T	24
PLOG+8189	proteomics_log	4174042	4174101	+	1	247	K.TTLTA AITTVLAKTYGGAAR.A	24
PLOG+8190	proteomics_log	4174042	4174080	+	1	713	K.TTLTA AITTVLAK.T	17
PLOG+8191	proteomics_log	4174042	4174101	+	1	247	K.TTLTA AITTVLAKTYGGAAR.A	24
PLOG+8192	proteomics_log	4174042	4174080	+	1	713	K.TTLTA AITTVLAK.T	17
PLOG+8193	proteomics_log	4174045	4174101	+	1	3	T.TLTA AITTVLAKTYGGAAR.A	23
PLOG+8194	proteomics_log	4174045	4174101	+	1	3	T.TLTA AITTVLAKTYGGAAR.A	23
PLOG+8195	proteomics_log	4174078	4174143	+	1	3	A.KTYGGAARAFDQIDNAPEEKAR.G	26
PLOG+8196	proteomics_log	4174078	4174143	+	1	3	A.KTYGGAARAFDQIDNAPEEKAR.G	26
PLOG+8197	proteomics_log	4174081	4174137	+	1	6	K.TYGGAARAFDQIDNAPEEK.A	23
PLOG+8198	proteomics_log	4174081	4174143	+	1	42	K.TYGGAARAFDQIDNAPEEKAR.G	25
PLOG+8199	proteomics_log	4174081	4174137	+	1	6	K.TYGGAARAFDQIDNAPEEK.A	23
PLOG+8200	proteomics_log	4174081	4174143	+	1	42	K.TYGGAARAFDQIDNAPEEKAR.G	25
PLOG+8201	proteomics_log	4174102	4174131	+	1	17	R.AFDQIDNAPE.E	14
PLOG+8202	proteomics_log	4174102	4174143	+	1	455	R.AFDQIDNAPEEKAR.G	18
PLOG+8203	proteomics_log	4174102	4174137	+	1	625	R.AFDQIDNAPEEK.A	16
PLOG+8204	proteomics_log	4174102	4174131	+	1	17	R.AFDQIDNAPE.E	14
PLOG+8205	proteomics_log	4174102	4174143	+	1	455	R.AFDQIDNAPEEKAR.G	18
PLOG+8206	proteomics_log	4174102	4174137	+	1	625	R.AFDQIDNAPEEK.A	16
PLOG+8207	proteomics_log	4174105	4174143	+	1	2	A.FDQIDNAPEEKAR.G	17
PLOG+8208	proteomics_log	4174105	4174137	+	1	7	A.FDQIDNAPEEK.A	15
PLOG+8209	proteomics_log	4174105	4174143	+	1	2	A.FDQIDNAPEEKAR.G	17
PLOG+8210	proteomics_log	4174105	4174137	+	1	7	A.FDQIDNAPEEK.A	15
PLOG+8211	proteomics_log	4174108	4174143	+	1	24	F.DQIDNAPEEKAR.G	16
PLOG+8212	proteomics_log	4174108	4174143	+	1	24	F.DQIDNAPEEKAR.G	16
PLOG+8213	proteomics_log	4174114	4174143	+	1	22	Q.IDNAPEEKAR.G	14
PLOG+8214	proteomics_log	4174114	4174143	+	1	22	Q.IDNAPEEKAR.G	14
PLOG+8215	proteomics_log	4174138	4174191	+	1	250	K.ARGITINTSHVEYDTPTR.H	22
PLOG+8216	proteomics_log	4174138	4174191	+	1	250	K.ARGITINTSHVEYDTPTR.H	22
PLOG+8217	proteomics_log	4174144	4174194	+	1	4	R.GITINTSHVEYDTPTRH.Y	21
PLOG+8218	proteomics_log	4174144	4174236	+	1	10	R.GITINTSHVEYDTPTRHYAHVDCPGHADYVK.N	35
PLOG+8219	proteomics_log	4174144	4174209	+	1	59	R.GITINTSHVEYDTPTRHYAHVD.C	26
PLOG+8220	proteomics_log	4174144	4174191	+	1	452	R.GITINTSHVEYDTPTR.H	20
PLOG+8221	proteomics_log	4174144	4174194	+	1	4	R.GITINTSHVEYDTPTRH.Y	21
PLOG+8222	proteomics_log	4174144	4174236	+	1	10	R.GITINTSHVEYDTPTRHYAHVDCPGHADYVK.N	35
PLOG+8223	proteomics_log	4174144	4174209	+	1	59	R.GITINTSHVEYDTPTRHYAHVD.C	26
PLOG+8224	proteomics_log	4174144	4174191	+	1	452	R.GITINTSHVEYDTPTR.H	20
PLOG+8225	proteomics_log	4174150	4174191	+	1	39	I.TINTSHVEYDTPTR.H	18
PLOG+8226	proteomics_log	4174150	4174191	+	1	39	I.TINTSHVEYDTPTR.H	18
PLOG+8227	proteomics_log	4174192	4174236	+	1	15	R.HYAHVDCPGHADYVK.N	19
PLOG+8228	proteomics_log	4174192	4174236	+	1	15	R.HYAHVDCPGHADYVK.N	19
PLOG+8229	proteomics_log	4174237	4174266	+	1	2	K.NM*ITGAAQM*D.G	16
PLOG+8230	proteomics_log	4174237	4174317	+	1	2	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	33

PLOG+8231	proteomics_log	4174237	4174317	+	1	3	K.NM*ITGAAQMDGAILVVAATDGMPMPQTR.E	32
PLOG+8232	proteomics_log	4174237	4174338	+	1	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTRHILLGR.Q	41
PLOG+8233	proteomics_log	4174237	4174317	+	1	3	K.NM*ITGAAQM*DGAILVVAATDGMPMPQTR.E	33
PLOG+8234	proteomics_log	4174237	4174317	+	1	8	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG+8235	proteomics_log	4174237	4174317	+	1	10	K.NMITGAAQM*DGAILVVAATDGMPMPQTR.E	32
PLOG+8236	proteomics_log	4174237	4174317	+	1	2	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	34
PLOG+8237	proteomics_log	4174237	4174338	+	1	45	K.NMITGAAQMDGAILVVAATDGMPMPQTRHILLGR.Q	38
PLOG+8238	proteomics_log	4174237	4174317	+	1	1593	K.NMITGAAQMDGAILVVAATDGMPMPQTR.E	31
PLOG+8239	proteomics_log	4174237	4174266	+	1	2	K.NM*ITGAAQM*D.G	16
PLOG+8240	proteomics_log	4174237	4174317	+	1	2	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	33
PLOG+8241	proteomics_log	4174237	4174317	+	1	3	K.NM*ITGAAQMDGAILVVAATDGMPMPQTR.E	32
PLOG+8242	proteomics_log	4174237	4174338	+	1	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTRHILLGR.Q	41
PLOG+8243	proteomics_log	4174237	4174317	+	1	3	K.NM*ITGAAQM*DGAILVVAATDGMPMPQTR.E	33
PLOG+8244	proteomics_log	4174237	4174317	+	1	8	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG+8245	proteomics_log	4174237	4174317	+	1	10	K.NMITGAAQM*DGAILVVAATDGMPMPQTR.E	32
PLOG+8246	proteomics_log	4174237	4174317	+	1	2	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	34
PLOG+8247	proteomics_log	4174237	4174338	+	1	45	K.NMITGAAQMDGAILVVAATDGMPMPQTRHILLGR.Q	38
PLOG+8248	proteomics_log	4174237	4174317	+	1	1593	K.NMITGAAQMDGAILVVAATDGMPMPQTR.E	31
PLOG+8249	proteomics_log	4174279	4174317	+	1	3	L.VVAATDGPM*PQTR.E	18
PLOG+8250	proteomics_log	4174279	4174317	+	1	8	L.VVAATDGMPMPQTR.E	17
PLOG+8251	proteomics_log	4174279	4174317	+	1	3	L.VVAATDGPM*PQTR.E	18
PLOG+8252	proteomics_log	4174279	4174317	+	1	8	L.VVAATDGMPMPQTR.E	17
PLOG+8253	proteomics_log	4174282	4174317	+	1	2	V.VAATDGPM*PQTR.E	17
PLOG+8254	proteomics_log	4174282	4174317	+	1	2	V.VAATDGPM*PQTR.E	17
PLOG+8255	proteomics_log	4174285	4174317	+	1	2	V.AATDGPM*PQTR.E	16
PLOG+8256	proteomics_log	4174285	4174317	+	1	2	V.AATDGPM*PQTR.E	16
PLOG+8257	proteomics_log	4174318	4174377	+	1	31	R.EHILLGRQVGPYIIVFLNK.C	24
PLOG+8258	proteomics_log	4174318	4174338	+	1	212	R.EHILLGR.Q	11
PLOG+8259	proteomics_log	4174318	4174377	+	1	31	R.EHILLGRQVGPYIIVFLNK.C	24
PLOG+8260	proteomics_log	4174318	4174338	+	1	212	R.EHILLGR.Q	11
PLOG+8261	proteomics_log	4174339	4174431	+	1	7	R.QVGPYIIVFLNKCDMVDDEELLELVEMEV.R	35
PLOG+8262	proteomics_log	4174339	4174377	+	1	191	R.QVGPYIIVFLNK.C	17
PLOG+8263	proteomics_log	4174339	4174431	+	1	7	R.QVGPYIIVFLNKCDMVDDEELLELVEMEV.R	35
PLOG+8264	proteomics_log	4174339	4174377	+	1	191	R.QVGPYIIVFLNK.C	17
PLOG+8265	proteomics_log	4174378	4174482	+	1	3	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	39
PLOG+8266	proteomics_log	4174378	4174497	+	1	4	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVRGSALK.A	44
PLOG+8267	proteomics_log	4174378	4174482	+	1	3	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	39
PLOG+8268	proteomics_log	4174378	4174497	+	1	4	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVRGSALK.A	44
PLOG+8269	proteomics_log	4174381	4174482	+	1	2	C.DM*VDDEELLELVEM*EVRELLSQYDFPGDDTPIVR.G	40
PLOG+8270	proteomics_log	4174381	4174431	+	1	3	C.DMVDDEELLELVEM*EVR.E	22
PLOG+8271	proteomics_log	4174381	4174482	+	1	7	C.DMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	38
PLOG+8272	proteomics_log	4174381	4174431	+	1	3	C.DM*VDDEELLELVEM*EVR.E	23
PLOG+8273	proteomics_log	4174381	4174482	+	1	2	C.DM*VDDEELLELVEM*EVRELLSQYDFPGDDTPIVR.G	40
PLOG+8274	proteomics_log	4174381	4174431	+	1	3	C.DMVDDEELLELVEM*EVR.E	22
PLOG+8275	proteomics_log	4174381	4174482	+	1	7	C.DMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	38
PLOG+8276	proteomics_log	4174381	4174431	+	1	3	C.DM*VDDEELLELVEM*EVR.E	23

PLOG+8277	proteomics_log	4174408	4174482	+	1	3	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PLOG+8278	proteomics_log	4174408	4174482	+	1	3	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PLOG+8279	proteomics_log	4174411	4174482	+	1	98	E.LVEMEVRELLSQYDFPGDDTPIVR.G	28
PLOG+8280	proteomics_log	4174411	4174482	+	1	98	E.LVEMEVRELLSQYDFPGDDTPIVR.G	28
PLOG+8281	proteomics_log	4174432	4174497	+	1	28	R.ELLSQYDFPGDDTPIVRGSALK.A	26
PLOG+8282	proteomics_log	4174432	4174482	+	1	411	R.ELLSQYDFPGDDTPIVR.G	21
PLOG+8283	proteomics_log	4174432	4174497	+	1	28	R.ELLSQYDFPGDDTPIVRGSALK.A	26
PLOG+8284	proteomics_log	4174432	4174482	+	1	411	R.ELLSQYDFPGDDTPIVR.G	21
PLOG+8285	proteomics_log	4174435	4174482	+	1	2	E.LLSQYDFPGDDTPIVR.G	20
PLOG+8286	proteomics_log	4174435	4174482	+	1	2	E.LLSQYDFPGDDTPIVR.G	20
PLOG+8287	proteomics_log	4174483	4174581	+	1	318	R.GSALKALEGDAEWEAKILELAGFLDSYIPEPER.A	37
PLOG+8288	proteomics_log	4174483	4174530	+	1	483	R.GSALKALEGDAEWEAK.I	20
PLOG+8289	proteomics_log	4174483	4174581	+	1	318	R.GSALKALEGDAEWEAKILELAGFLDSYIPEPER.A	37
PLOG+8290	proteomics_log	4174483	4174530	+	1	483	R.GSALKALEGDAEWEAK.I	20
PLOG+8291	proteomics_log	4174498	4174581	+	1	184	K.ALEGDAEWEAKILELAGFLDSYIPEPER.A	32
PLOG+8292	proteomics_log	4174498	4174530	+	1	291	K.ALEGDAEWEAK.I	15
PLOG+8293	proteomics_log	4174498	4174581	+	1	184	K.ALEGDAEWEAKILELAGFLDSYIPEPER.A	32
PLOG+8294	proteomics_log	4174498	4174530	+	1	291	K.ALEGDAEWEAK.I	15
PLOG+8295	proteomics_log	4174531	4174623	+	1	27	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFS	35
PLOG+8296	proteomics_log	4174531	4174659	+	1	126	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGRGTVTGR.V	47
PLOG+8297	proteomics_log	4174531	4174638	+	1	683	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	40
PLOG+8298	proteomics_log	4174531	4174581	+	1	906	K.ILELAGFLDSYIPEPER.A	21
PLOG+8299	proteomics_log	4174531	4174623	+	1	27	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFS	35
PLOG+8300	proteomics_log	4174531	4174659	+	1	126	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGRGTVTGR.V	47
PLOG+8301	proteomics_log	4174531	4174638	+	1	683	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	40
PLOG+8302	proteomics_log	4174531	4174581	+	1	906	K.ILELAGFLDSYIPEPER.A	21
PLOG+8303	proteomics_log	4174534	4174638	+	1	99	I.LELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	39
PLOG+8304	proteomics_log	4174534	4174638	+	1	99	I.LELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	39
PLOG+8305	proteomics_log	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PLOG+8306	proteomics_log	4174540	4174638	+	1	29	E.LAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	37
PLOG+8307	proteomics_log	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PLOG+8308	proteomics_log	4174540	4174638	+	1	29	E.LAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	37
PLOG+8309	proteomics_log	4174543	4174638	+	1	2	L.AGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	36
PLOG+8310	proteomics_log	4174543	4174638	+	1	2	L.AGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	36
PLOG+8311	proteomics_log	4174546	4174638	+	1	5	A.GFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	35
PLOG+8312	proteomics_log	4174546	4174638	+	1	5	A.GFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	35
PLOG+8313	proteomics_log	4174549	4174638	+	1	8	G.FLDSYIPEPERAIDKPFLPIEDVFSISGR.G	34
PLOG+8314	proteomics_log	4174549	4174638	+	1	8	G.FLDSYIPEPERAIDKPFLPIEDVFSISGR.G	34
PLOG+8315	proteomics_log	4174552	4174638	+	1	4	F.LDSYIPEPERAIDKPFLPIEDVFSISGR.G	33
PLOG+8316	proteomics_log	4174552	4174638	+	1	4	F.LDSYIPEPERAIDKPFLPIEDVFSISGR.G	33
PLOG+8317	proteomics_log	4174555	4174638	+	1	4	L.DSYIPEPERAIDKPFLPIEDVFSISGR.G	32
PLOG+8318	proteomics_log	4174555	4174638	+	1	4	L.DSYIPEPERAIDKPFLPIEDVFSISGR.G	32
PLOG+8319	proteomics_log	4174567	4174638	+	1	8	I.PEPERAIDKPFLPIEDVFSISGR.G	28
PLOG+8320	proteomics_log	4174567	4174638	+	1	8	I.PEPERAIDKPFLPIEDVFSISGR.G	28
PLOG+8321	proteomics_log	4174570	4174638	+	1	53	P.EPERAIDKPFLPIEDVFSISGR.G	27
PLOG+8322	proteomics_log	4174570	4174638	+	1	53	P.EPERAIDKPFLPIEDVFSISGR.G	27

PLOG+8323	proteomics_log	4174582	4174635	+	1	2	R.AIDKPFLPIEDVFSISG.R	22
PLOG+8324	proteomics_log	4174582	4174629	+	1	3	R.AIDKPFLPIEDVFSI.S	20
PLOG+8325	proteomics_log	4174582	4174623	+	1	46	R.AIDKPFLPIEDVF.S	18
PLOG+8326	proteomics_log	4174582	4174659	+	1	56	R.AIDKPFLPIEDVFSISGRGTVVTGR.V	30
PLOG+8327	proteomics_log	4174582	4174668	+	1	99	R.AIDKPFLPIEDVFSISGRGTVVTGRVER.G	33
PLOG+8328	proteomics_log	4174582	4174638	+	1	962	R.AIDKPFLPIEDVFSISGR.G	23
PLOG+8329	proteomics_log	4174582	4174635	+	1	2	R.AIDKPFLPIEDVFSISG.R	22
PLOG+8330	proteomics_log	4174582	4174629	+	1	3	R.AIDKPFLPIEDVFSI.S	20
PLOG+8331	proteomics_log	4174582	4174623	+	1	46	R.AIDKPFLPIEDVF.S	18
PLOG+8332	proteomics_log	4174582	4174659	+	1	56	R.AIDKPFLPIEDVFSISGRGTVVTGR.V	30
PLOG+8333	proteomics_log	4174582	4174668	+	1	99	R.AIDKPFLPIEDVFSISGRGTVVTGRVER.G	33
PLOG+8334	proteomics_log	4174582	4174638	+	1	962	R.AIDKPFLPIEDVFSISGR.G	23
PLOG+8335	proteomics_log	4174591	4174638	+	1	3	D.KPFLPIEDVFSISGR.G	20
PLOG+8336	proteomics_log	4174591	4174638	+	1	3	D.KPFLPIEDVFSISGR.G	20
PLOG+8337	proteomics_log	4174600	4174638	+	1	24	F.LLPIEDVFSISGR.G	17
PLOG+8338	proteomics_log	4174600	4174638	+	1	24	F.LLPIEDVFSISGR.G	17
PLOG+8339	proteomics_log	4174606	4174668	+	1	2	L.PIEDVFSISGRGTVVTGRVER.G	25
PLOG+8340	proteomics_log	4174606	4174638	+	1	56	L.PIEDVFSISGR.G	15
PLOG+8341	proteomics_log	4174606	4174668	+	1	2	L.PIEDVFSISGRGTVVTGRVER.G	25
PLOG+8342	proteomics_log	4174606	4174638	+	1	56	L.PIEDVFSISGR.G	15
PLOG+8343	proteomics_log	4174624	4174659	+	1	4	F.SISGRGTVVTGR.V	16
PLOG+8344	proteomics_log	4174624	4174659	+	1	4	F.SISGRGTVVTGR.V	16
PLOG+8345	proteomics_log	4174639	4174668	+	1	17	R.GTVVTGRVER.G	14
PLOG+8346	proteomics_log	4174639	4174725	+	1	65	R.GTVVTGRVERGIIKVGEEVEIVGIKETQK.S	33
PLOG+8347	proteomics_log	4174639	4174668	+	1	17	R.GTVVTGRVER.G	14
PLOG+8348	proteomics_log	4174639	4174725	+	1	65	R.GTVVTGRVERGIIKVGEEVEIVGIKETQK.S	33
PLOG+8349	proteomics_log	4174660	4174725	+	1	164	R.VERGIIKVGEEVEIVGIKETQK.S	26
PLOG+8350	proteomics_log	4174660	4174725	+	1	164	R.VERGIIKVGEEVEIVGIKETQK.S	26
PLOG+8351	proteomics_log	4174669	4174758	+	1	11	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFRK.L	34
PLOG+8352	proteomics_log	4174669	4174755	+	1	14	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFR.K	33
PLOG+8353	proteomics_log	4174669	4174731	+	1	86	R.GIIKVGEEVEIVGIKETQKST.C	25
PLOG+8354	proteomics_log	4174669	4174713	+	1	91	R.GIIKVGEEVEIVGIK.E	19
PLOG+8355	proteomics_log	4174669	4174725	+	1	924	R.GIIKVGEEVEIVGIKETQK.S	23
PLOG+8356	proteomics_log	4174669	4174758	+	1	11	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFRK.L	34
PLOG+8357	proteomics_log	4174669	4174755	+	1	14	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFR.K	33
PLOG+8358	proteomics_log	4174669	4174731	+	1	86	R.GIIKVGEEVEIVGIKETQKST.C	25
PLOG+8359	proteomics_log	4174669	4174713	+	1	91	R.GIIKVGEEVEIVGIK.E	19
PLOG+8360	proteomics_log	4174669	4174725	+	1	924	R.GIIKVGEEVEIVGIKETQK.S	23
PLOG+8361	proteomics_log	4174681	4174755	+	1	8	K.VGEEVEIVGIKETQKSTCTGVEMFR.K	29
PLOG+8362	proteomics_log	4174681	4174758	+	1	10	K.VGEEVEIVGIKETQKSTCTGVEMFRK.L	30
PLOG+8363	proteomics_log	4174681	4174713	+	1	36	K.VGEEVEIVGIK.E	15
PLOG+8364	proteomics_log	4174681	4174725	+	1	336	K.VGEEVEIVGIKETQK.S	19
PLOG+8365	proteomics_log	4174681	4174755	+	1	8	K.VGEEVEIVGIKETQKSTCTGVEMFR.K	29
PLOG+8366	proteomics_log	4174681	4174758	+	1	10	K.VGEEVEIVGIKETQKSTCTGVEMFRK.L	30
PLOG+8367	proteomics_log	4174681	4174713	+	1	36	K.VGEEVEIVGIK.E	15
PLOG+8368	proteomics_log	4174681	4174725	+	1	336	K.VGEEVEIVGIKETQK.S	19

PLOG+8369	proteomics_log	4174684	4174725	+	1	6	V.GEEVEIVGIKETQK.S	18
PLOG+8370	proteomics_log	4174684	4174725	+	1	6	V.GEEVEIVGIKETQK.S	18
PLOG+8371	proteomics_log	4174726	4174755	+	1	3	K.STCTGVEMFR.K	14
PLOG+8372	proteomics_log	4174726	4174758	+	1	10	K.STCTGVEMFRK.L	15
PLOG+8373	proteomics_log	4174726	4174755	+	1	3	K.STCTGVEMFR.K	14
PLOG+8374	proteomics_log	4174726	4174758	+	1	10	K.STCTGVEMFRK.L	15
PLOG+8375	proteomics_log	4174756	4174818	+	1	9	R.KLLDEGRAGENVGVLLRGIKR.E	25
PLOG+8376	proteomics_log	4174756	4174833	+	1	15	R.KLLDEGRAGENVGVLLRGIKREEIER.G	30
PLOG+8377	proteomics_log	4174756	4174815	+	1	47	R.KLLDEGRAGENVGVLLRGIK.R	24
PLOG+8378	proteomics_log	4174756	4174776	+	1	120	R.KLLDEGR.A	11
PLOG+8379	proteomics_log	4174756	4174806	+	1	432	R.KLLDEGRAGENVGVLLR.G	21
PLOG+8380	proteomics_log	4174756	4174818	+	1	9	R.KLLDEGRAGENVGVLLRGIKR.E	25
PLOG+8381	proteomics_log	4174756	4174833	+	1	15	R.KLLDEGRAGENVGVLLRGIKREEIER.G	30
PLOG+8382	proteomics_log	4174756	4174815	+	1	47	R.KLLDEGRAGENVGVLLRGIK.R	24
PLOG+8383	proteomics_log	4174756	4174776	+	1	120	R.KLLDEGR.A	11
PLOG+8384	proteomics_log	4174756	4174806	+	1	432	R.KLLDEGRAGENVGVLLR.G	21
PLOG+8385	proteomics_log	4174759	4174818	+	1	29	K.LLDEGRAGENVGVLLRGIKR.E	24
PLOG+8386	proteomics_log	4174759	4174833	+	1	34	K.LLDEGRAGENVGVLLRGIKREEIER.G	29
PLOG+8387	proteomics_log	4174759	4174815	+	1	71	K.LLDEGRAGENVGVLLRGIK.R	23
PLOG+8388	proteomics_log	4174759	4174806	+	1	463	K.LLDEGRAGENVGVLLR.G	20
PLOG+8389	proteomics_log	4174759	4174818	+	1	29	K.LLDEGRAGENVGVLLRGIKR.E	24
PLOG+8390	proteomics_log	4174759	4174833	+	1	34	K.LLDEGRAGENVGVLLRGIKREEIER.G	29
PLOG+8391	proteomics_log	4174759	4174815	+	1	71	K.LLDEGRAGENVGVLLRGIK.R	23
PLOG+8392	proteomics_log	4174759	4174806	+	1	463	K.LLDEGRAGENVGVLLR.G	20
PLOG+8393	proteomics_log	4174762	4174806	+	1	8	L.LDEGRAGENVGVLLR.G	19
PLOG+8394	proteomics_log	4174762	4174806	+	1	8	L.LDEGRAGENVGVLLR.G	19
PLOG+8395	proteomics_log	4174765	4174806	+	1	24	L.DEGRAGENVGVLLR.G	18
PLOG+8396	proteomics_log	4174765	4174806	+	1	24	L.DEGRAGENVGVLLR.G	18
PLOG+8397	proteomics_log	4174777	4174818	+	1	3	R.AGENVGVLLRGIKR.E	18
PLOG+8398	proteomics_log	4174777	4174815	+	1	30	R.AGENVGVLLRGIK.R	17
PLOG+8399	proteomics_log	4174777	4174833	+	1	88	R.AGENVGVLLRGIKREEIER.G	23
PLOG+8400	proteomics_log	4174777	4174806	+	1	229	R.AGENVGVLLR.G	14
PLOG+8401	proteomics_log	4174777	4174818	+	1	3	R.AGENVGVLLRGIKR.E	18
PLOG+8402	proteomics_log	4174777	4174815	+	1	30	R.AGENVGVLLRGIK.R	17
PLOG+8403	proteomics_log	4174777	4174833	+	1	88	R.AGENVGVLLRGIKREEIER.G	23
PLOG+8404	proteomics_log	4174777	4174806	+	1	229	R.AGENVGVLLR.G	14
PLOG+8405	proteomics_log	4174807	4174878	+	1	10	R.GIKREEIERGQVLAKPGTIKPHTK.F	28
PLOG+8406	proteomics_log	4174807	4174833	+	1	119	R.GIKREEIER.G	13
PLOG+8407	proteomics_log	4174807	4174878	+	1	10	R.GIKREEIERGQVLAKPGTIKPHTK.F	28
PLOG+8408	proteomics_log	4174807	4174833	+	1	119	R.GIKREEIER.G	13
PLOG+8409	proteomics_log	4174816	4174833	+	1	2	K.REEIER.G	10
PLOG+8410	proteomics_log	4174816	4174833	+	1	2	K.REEIER.G	10
PLOG+8411	proteomics_log	4174816	4174833	+	1	2	K.REEIER.G	10
PLOG+8412	proteomics_log	4174819	4174923	+	1	4	R.EEIERGQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	39
PLOG+8413	proteomics_log	4174819	4174908	+	1	9	R.EEIERGQVLAKPGTIKPHTKFESEVYILSK.D	34
PLOG+8414	proteomics_log	4174819	4174878	+	1	22	R.EEIERGQVLAKPGTIKPHTK.F	24

PLOG+8415	proteomics_log	4174819	4174923	+	1	4	R.EEIERGQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	39
PLOG+8416	proteomics_log	4174819	4174908	+	1	9	R.EEIERGQVLAKPGTIKPHTKFESEVYILSK.D	34
PLOG+8417	proteomics_log	4174819	4174878	+	1	22	R.EEIERGQVLAKPGTIKPHTK.F	24
PLOG+8418	proteomics_log	4174834	4174896	+	1	58	R.GQVLAKPGTIKPHTKFESEVY.I	25
PLOG+8419	proteomics_log	4174834	4174923	+	1	61	R.GQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	34
PLOG+8420	proteomics_log	4174834	4174878	+	1	135	R.GQVLAKPGTIKPHTK.F	19
PLOG+8421	proteomics_log	4174834	4174908	+	1	289	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PLOG+8422	proteomics_log	4174834	4174896	+	1	58	R.GQVLAKPGTIKPHTKFESEVY.I	25
PLOG+8423	proteomics_log	4174834	4174923	+	1	61	R.GQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	34
PLOG+8424	proteomics_log	4174834	4174878	+	1	135	R.GQVLAKPGTIKPHTK.F	19
PLOG+8425	proteomics_log	4174834	4174908	+	1	289	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PLOG+8426	proteomics_log	4174852	4174908	+	1	3	K.PGTIKPHTKFESEVYILSK.D	23
PLOG+8427	proteomics_log	4174852	4174878	+	1	5	K.PGTIKPHTK.F	13
PLOG+8428	proteomics_log	4174852	4174908	+	1	3	K.PGTIKPHTKFESEVYILSK.D	23
PLOG+8429	proteomics_log	4174852	4174878	+	1	5	K.PGTIKPHTK.F	13
PLOG+8430	proteomics_log	4174867	4174923	+	1	44	K.PHTKFESEVYILSKDEGGR.H	23
PLOG+8431	proteomics_log	4174867	4174923	+	1	44	K.PHTKFESEVYILSKDEGGR.H	23
PLOG+8432	proteomics_log	4174879	4174968	+	1	23	K.FESEVYILSKDEGGRHTPFFKGYRPQFYFR.T	34
PLOG+8433	proteomics_log	4174879	4174941	+	1	75	K.FESEVYILSKDEGGRHTPFFK.G	25
PLOG+8434	proteomics_log	4174879	4174923	+	1	100	K.FESEVYILSKDEGGR.H	19
PLOG+8435	proteomics_log	4174879	4174908	+	1	203	K.FESEVYILSK.D	14
PLOG+8436	proteomics_log	4174879	4174968	+	1	23	K.FESEVYILSKDEGGRHTPFFKGYRPQFYFR.T	34
PLOG+8437	proteomics_log	4174879	4174941	+	1	75	K.FESEVYILSKDEGGRHTPFFK.G	25
PLOG+8438	proteomics_log	4174879	4174923	+	1	100	K.FESEVYILSKDEGGR.H	19
PLOG+8439	proteomics_log	4174879	4174908	+	1	203	K.FESEVYILSK.D	14
PLOG+8440	proteomics_log	4174897	4174923	+	1	12	Y.ILSKDEGGR.H	13
PLOG+8441	proteomics_log	4174897	4174923	+	1	12	Y.ILSKDEGGR.H	13
PLOG+8442	proteomics_log	4174909	4174962	+	1	2	K.DEGGRHTPFFKGYRPQFY.F	22
PLOG+8443	proteomics_log	4174909	4174941	+	1	3	K.DEGGRHTPFFK.G	15
PLOG+8444	proteomics_log	4174909	4174956	+	1	8	K.DEGGRHTPFFKGYRPQ.F	20
PLOG+8445	proteomics_log	4174909	4174962	+	1	2	K.DEGGRHTPFFKGYRPQFY.F	22
PLOG+8446	proteomics_log	4174909	4174941	+	1	3	K.DEGGRHTPFFK.G	15
PLOG+8447	proteomics_log	4174909	4174956	+	1	8	K.DEGGRHTPFFKGYRPQ.F	20
PLOG+8448	proteomics_log	4174924	4174956	+	1	5	R.HTPFFKGYRPQ.F	15
PLOG+8449	proteomics_log	4174924	4174968	+	1	11	R.HTPFFKGYRPQFYFR.T	19
PLOG+8450	proteomics_log	4174924	4174956	+	1	5	R.HTPFFKGYRPQ.F	15
PLOG+8451	proteomics_log	4174924	4174968	+	1	11	R.HTPFFKGYRPQFYFR.T	19
PLOG+8452	proteomics_log	4174942	4175040	+	1	7	K.GYRPQFYFRITDVTGTIELPEGVEMVMPGDNIK.M	37
PLOG+8453	proteomics_log	4174942	4174968	+	1	147	K.GYRPQFYFR.T	13
PLOG+8454	proteomics_log	4174942	4175040	+	1	7	K.GYRPQFYFRITDVTGTIELPEGVEMVMPGDNIK.M	37
PLOG+8455	proteomics_log	4174942	4174968	+	1	147	K.GYRPQFYFR.T	13
PLOG+8456	proteomics_log	4174960	4175040	+	1	2	F.YFRITDVTGTIELPEGVEMVMPGDNIK.M	31
PLOG+8457	proteomics_log	4174960	4175040	+	1	2	F.YFRITDVTGTIELPEGVEMVMPGDNIK.M	31
PLOG+8458	proteomics_log	4174969	4175040	+	1	70	R.TTDVTGTIELPEGVEM*VMPGDNIK.M	29
PLOG+8459	proteomics_log	4174969	4175016	+	1	81	R.TTDVTGTIELPEGVEM.V	20
PLOG+8460	proteomics_log	4174969	4175040	+	1	371	R.TTDVTGTIELPEGVEM*VMPGDNIK.M	29

PLOG+8461	proteomics_log	4174969	4175040	+	1	70	R.TTDVTGTIELPEGVEM*VM*PGDNIK.M	30
PLOG+8462	proteomics_log	4174969	4175040	+	1	1008	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PLOG+8463	proteomics_log	4174969	4175100	+	1	9	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLRFAIR.E	48
PLOG+8464	proteomics_log	4174969	4175016	+	1	81	R.TTDVTGTIELPEGVEM*.V	21
PLOG+8465	proteomics_log	4174969	4175088	+	1	56	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLR.F	44
PLOG+8466	proteomics_log	4174969	4175100	+	1	9	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLRFAIR.E	48
PLOG+8467	proteomics_log	4174969	4175016	+	1	81	R.TTDVTGTIELPEGVEM*.V	21
PLOG+8468	proteomics_log	4174969	4175088	+	1	56	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLR.F	44
PLOG+8469	proteomics_log	4174969	4175040	+	1	70	R.TTDVTGTIELPEGVEM*VMPGDNIK.M	29
PLOG+8470	proteomics_log	4174969	4175016	+	1	81	R.TTDVTGTIELPEGVEM.V	20
PLOG+8471	proteomics_log	4174969	4175040	+	1	371	R.TTDVTGTIELPEGVEMVM*PGDNIK.M	29
PLOG+8472	proteomics_log	4174969	4175040	+	1	70	R.TTDVTGTIELPEGVEM*VM*PGDNIK.M	30
PLOG+8473	proteomics_log	4174969	4175040	+	1	1008	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PLOG+8474	proteomics_log	4174975	4175040	+	1	10	T.DVTGTIELPEGVEMVM*PGDNIK.M	27
PLOG+8475	proteomics_log	4174975	4175040	+	1	22	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PLOG+8476	proteomics_log	4174975	4175040	+	1	10	T.DVTGTIELPEGVEM*VM*PGDNIK.M	28
PLOG+8477	proteomics_log	4174975	4175040	+	1	10	T.DVTGTIELPEGVEMVM*PGDNIK.M	27
PLOG+8478	proteomics_log	4174975	4175040	+	1	22	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PLOG+8479	proteomics_log	4174975	4175040	+	1	10	T.DVTGTIELPEGVEM*VM*PGDNIK.M	28
PLOG+8480	proteomics_log	4174978	4175040	+	1	9	D.VTGTIELPEGVEMVMPGDNIK.M	25
PLOG+8481	proteomics_log	4174978	4175040	+	1	9	D.VTGTIELPEGVEMVMPGDNIK.M	25
PLOG+8482	proteomics_log	4174996	4175040	+	1	2	E.LPEGVEMVMPGDNIK.M	19
PLOG+8483	proteomics_log	4174996	4175040	+	1	2	E.LPEGVEMVMPGDNIK.M	19
PLOG+8484	proteomics_log	4174999	4175040	+	1	34	L.PEGVEMVMPGDNIK.M	18
PLOG+8485	proteomics_log	4174999	4175040	+	1	34	L.PEGVEMVMPGDNIK.M	18
PLOG+8486	proteomics_log	4175005	4175040	+	1	4	E.GVEM*VM*PGDNIK.M	18
PLOG+8487	proteomics_log	4175005	4175040	+	1	4	E.GVEM*VM*PGDNIK.M	18
PLOG+8488	proteomics_log	4175041	4175091	+	1	2	K.M*VVTLIHPIAMDDGLRF.A	22
PLOG+8489	proteomics_log	4175041	4175139	+	1	2	K.MVVTLIHPIAM*DDGLRFAIREGGRTVGAGVVAK.V	38
PLOG+8490	proteomics_log	4175041	4175070	+	1	3	K.MVVTLIHPIA.M	14
PLOG+8491	proteomics_log	4175041	4175076	+	1	3	K.M*VVTLIHPIAMD.D	17
PLOG+8492	proteomics_log	4175041	4175112	+	1	4	K.M*VVTLIHPIAM*DDGLRFAIREGGR.T	30
PLOG+8493	proteomics_log	4175041	4175079	+	1	5	K.MVVTLIHPIAMD.D	17
PLOG+8494	proteomics_log	4175041	4175073	+	1	3	K.M*VVTLIHPIAM*.D	17
PLOG+8495	proteomics_log	4175041	4175076	+	1	8	K.MVVTLIHPIAM*.D	17
PLOG+8496	proteomics_log	4175041	4175073	+	1	9	K.M*VVTLIHPIAM.D	16
PLOG+8497	proteomics_log	4175041	4175100	+	1	9	K.M*VVTLIHPIAM*DDGLRFAIR.E	26
PLOG+8498	proteomics_log	4175041	4175100	+	1	15	K.M*VVTLIHPIAMDDGLRFAIR.E	25
PLOG+8499	proteomics_log	4175041	4175112	+	1	16	K.MVVTLIHPIAM*DDGLRFAIREGGR.T	29
PLOG+8500	proteomics_log	4175041	4175100	+	1	37	K.MVVTLIHPIAM*DDGLRFAIR.E	25
PLOG+8501	proteomics_log	4175041	4175139	+	1	38	K.MVVTLIHPIAMDDGLRFAIREGGRTVGAGVVAK.V	37
PLOG+8502	proteomics_log	4175041	4175112	+	1	41	K.M*VVTLIHPIAMDDGLRFAIREGGR.T	29
PLOG+8503	proteomics_log	4175041	4175073	+	1	8	K.MVVTLIHPIAM*.D	16
PLOG+8504	proteomics_log	4175041	4175094	+	1	50	K.MVVTLIHPIAMDDGLRFA.I	22
PLOG+8505	proteomics_log	4175041	4175076	+	1	150	K.MVVTLIHPIAMD.D	16
PLOG+8506	proteomics_log	4175041	4175088	+	1	166	K.M*VVTLIHPIAM*DDGLR.F	22

PLOG+8507	proteomics_log	4175041	4175091	+	1	180	K.MVVTLIHPIAMDDGLRF.A	21
PLOG+8508	proteomics_log	4175041	4175112	+	1	222	K.MVVTLIHPIAMDDGLRFAIREGGR.T	28
PLOG+8509	proteomics_log	4175041	4175088	+	1	278	K.MVVTLIHPIAM*DDGLR.F	21
PLOG+8510	proteomics_log	4175041	4175088	+	1	288	K.M*VVTLIHPIAMDDGLR.F	21
PLOG+8511	proteomics_log	4175041	4175073	+	1	316	K.MVVTLIHPIAM.D	15
PLOG+8512	proteomics_log	4175041	4175100	+	1	503	K.MVVTLIHPIAMDDGLRFAIR.E	24
PLOG+8513	proteomics_log	4175041	4175088	+	1	828	K.MVVTLIHPIAMDDGLR.F	20
PLOG+8514	proteomics_log	4175041	4175091	+	1	2	K.M*VVTLIHPIAMDDGLRF.A	22
PLOG+8515	proteomics_log	4175041	4175139	+	1	2	K.MVVTLIHPIAM*DDGLRFAIREGGRTVGAGVVAK.V	38
PLOG+8516	proteomics_log	4175041	4175070	+	1	3	K.MVVTLIHPIA.M	14
PLOG+8517	proteomics_log	4175041	4175076	+	1	3	K.M*VVTLIHPIAMD.D	17
PLOG+8518	proteomics_log	4175041	4175112	+	1	4	K.M*VVTLIHPIAM*DDGLRFAIREGGR.T	30
PLOG+8519	proteomics_log	4175041	4175079	+	1	5	K.MVVTLIHPIAMDD.G	17
PLOG+8520	proteomics_log	4175041	4175073	+	1	3	K.M*VVTLIHPIAM*.D	17
PLOG+8521	proteomics_log	4175041	4175076	+	1	8	K.MVVTLIHPIAM*D.D	17
PLOG+8522	proteomics_log	4175041	4175073	+	1	9	K.M*VVTLIHPIAM.D	16
PLOG+8523	proteomics_log	4175041	4175100	+	1	9	K.M*VVTLIHPIAM*DDGLRFAIR.E	26
PLOG+8524	proteomics_log	4175041	4175100	+	1	15	K.M*VVTLIHPIAMDDGLRFAIR.E	25
PLOG+8525	proteomics_log	4175041	4175112	+	1	16	K.MVVTLIHPIAM*DDGLRFAIREGGR.T	29
PLOG+8526	proteomics_log	4175041	4175100	+	1	37	K.MVVTLIHPIAM*DDGLRFAIR.E	25
PLOG+8527	proteomics_log	4175041	4175139	+	1	38	K.MVVTLIHPIAMDDGLRFAIREGGRTVGAGVVAK.V	37
PLOG+8528	proteomics_log	4175041	4175112	+	1	41	K.M*VVTLIHPIAMDDGLRFAIREGGR.T	29
PLOG+8529	proteomics_log	4175041	4175073	+	1	8	K.MVVTLIHPIAM*.D	16
PLOG+8530	proteomics_log	4175041	4175094	+	1	50	K.MVVTLIHPIAMDDGLRFA.I	22
PLOG+8531	proteomics_log	4175041	4175076	+	1	150	K.MVVTLIHPIAMD.D	16
PLOG+8532	proteomics_log	4175041	4175088	+	1	166	K.M*VVTLIHPIAM*DDGLR.F	22
PLOG+8533	proteomics_log	4175041	4175091	+	1	180	K.MVVTLIHPIAMDDGLRF.A	21
PLOG+8534	proteomics_log	4175041	4175112	+	1	222	K.MVVTLIHPIAMDDGLRFAIREGGR.T	28
PLOG+8535	proteomics_log	4175041	4175088	+	1	278	K.MVVTLIHPIAM*DDGLR.F	21
PLOG+8536	proteomics_log	4175041	4175088	+	1	288	K.M*VVTLIHPIAMDDGLR.F	21
PLOG+8537	proteomics_log	4175041	4175073	+	1	316	K.MVVTLIHPIAM.D	15
PLOG+8538	proteomics_log	4175041	4175100	+	1	503	K.MVVTLIHPIAMDDGLRFAIR.E	24
PLOG+8539	proteomics_log	4175041	4175088	+	1	828	K.MVVTLIHPIAMDDGLR.F	20
PLOG+8540	proteomics_log	4175044	4175088	+	1	83	M.VVTLIHPIAMDDGLR.F	19
PLOG+8541	proteomics_log	4175044	4175088	+	1	83	M.VVTLIHPIAMDDGLR.F	19
PLOG+8542	proteomics_log	4175047	4175088	+	1	15	V.VTLIHPIAM*DDGLR.F	19
PLOG+8543	proteomics_log	4175047	4175100	+	1	20	V.VTLIHPIAMDDGLRFAIR.E	22
PLOG+8544	proteomics_log	4175047	4175088	+	1	94	V.VTLIHPIAMDDGLR.F	18
PLOG+8545	proteomics_log	4175047	4175088	+	1	15	V.VTLIHPIAM*DDGLR.F	19
PLOG+8546	proteomics_log	4175047	4175100	+	1	20	V.VTLIHPIAMDDGLRFAIR.E	22
PLOG+8547	proteomics_log	4175047	4175088	+	1	94	V.VTLIHPIAMDDGLR.F	18
PLOG+8548	proteomics_log	4175050	4175088	+	1	73	V.TLIHPIAMDDGLR.F	17
PLOG+8549	proteomics_log	4175050	4175088	+	1	73	V.TLIHPIAMDDGLR.F	17
PLOG+8550	proteomics_log	4175059	4175100	+	1	2	I.HPIAMDDGLRFAIR.E	18
PLOG+8551	proteomics_log	4175059	4175088	+	1	7	I.HPIAMDDGLR.F	14
PLOG+8552	proteomics_log	4175059	4175100	+	1	2	I.HPIAMDDGLRFAIR.E	18

PLOG+8553	proteomics_log	4175059	4175088	+	1	7	I.HPIAMDDGLR.F	14
PLOG+8554	proteomics_log	4175062	4175100	+	1	14	H.PIAMDDGLRFAIR.E	17
PLOG+8555	proteomics_log	4175062	4175100	+	1	14	H.PIAMDDGLRFAIR.E	17
PLOG+8556	proteomics_log	4175089	4175139	+	1	30	R.FAIREGGRTVGAGVVAK.V	21
PLOG+8557	proteomics_log	4175089	4175139	+	1	30	R.FAIREGGRTVGAGVVAK.V	21
PLOG+8558	proteomics_log	4175101	4175139	+	1	285	R.EGGRTVGAGVVAK.V	17
PLOG+8559	proteomics_log	4175101	4175139	+	1	285	R.EGGRTVGAGVVAK.V	17
PLOG+8560	proteomics_log	4175104	4175139	+	1	5	E.GGRTVGAGVVAK.V	16
PLOG+8561	proteomics_log	4175104	4175139	+	1	5	E.GGRTVGAGVVAK.V	16
PLOG+8562	proteomics_log	4175113	4175139	+	1	7	R.TVGAGVVAK.V	13
PLOG+8563	proteomics_log	4175113	4175139	+	1	7	R.TVGAGVVAK.V	13
PLOG+8564	proteomics_log	4175113	4175148	+	1	70	R.TVGAGVVAK.VLS.-	16
PLOG+8565	proteomics_log	4175116	4175139	+	1	18	T.VGAGVVAK.V	12
PLOG+8566	proteomics_log	4175116	4175139	+	1	18	T.VGAGVVAK.V	12
PLOG+8567	proteomics_log	4175790	4175828	+	3	155	R.WYVVQAFSGFEGR.V	17
PLOG+8568	proteomics_log	4175829	4175858	+	3	8	R.VATSLREHIK.L	14
PLOG+8569	proteomics_log	4175859	4175936	+	3	56	K.LHNMEDLFGHEVMVPTEEVVEIRGGQR.R	30
PLOG+8570	proteomics_log	4175859	4175924	+	3	58	K.LHNMEDLFGHEVMVPTEEVVEIR.G	26
PLOG+8571	proteomics_log	4175865	4175924	+	3	2	H.NM*EDLFGHEVM*VPTEEVVEIR.G	26
PLOG+8572	proteomics_log	4175865	4175936	+	3	3	H.NMEDLFGHEVMVPTEEVVEIRGGQR.R	28
PLOG+8573	proteomics_log	4175865	4175924	+	3	14	H.NMEDLFGHEVMVPTEEVVEIR.G	24
PLOG+8574	proteomics_log	4175868	4175924	+	3	2	N.MEDLFGHEVMVPTEEVVEIR.G	23
PLOG+8575	proteomics_log	4175880	4175924	+	3	11	L.FGHEVMVPTEEVVEIR.G	19
PLOG+8576	proteomics_log	4175952	4176017	+	3	147	R.KFFPGYVLVQMVMNDASWHLVR.S	26
PLOG+8577	proteomics_log	4175991	4176017	+	3	2	M.NDASWHLVR.S	13
PLOG+8578	proteomics_log	4176030	4176107	+	3	4	R.VM*GFIGGTS DRPAPISDKEVD AIMNR.L	31
PLOG+8579	proteomics_log	4176030	4176107	+	3	261	R.VMGFIGGTS DRPAPISDKEVD AIMNR.L	30
PLOG+8580	proteomics_log	4176039	4176107	+	3	7	G.FIGGTS DRPAPISDKEVD AIM*NR.L	28
PLOG+8581	proteomics_log	4176039	4176107	+	3	220	G.FIGGTS DRPAPISDKEVD AIMNR.L	27
PLOG+8582	proteomics_log	4176108	4176170	+	3	2	R.LQQVGD KPRPKTLFEPGEM*VR.V	26
PLOG+8583	proteomics_log	4176108	4176134	+	3	4	R.LQQVGD KPR.P	13
PLOG+8584	proteomics_log	4176108	4176170	+	3	5	R.LQQVGD KPRPKTLFEPGEMVR.V	25
PLOG+8585	proteomics_log	4176108	4176140	+	3	205	R.LQQVGD KPRPK.T	15
PLOG+8586	proteomics_log	4176141	4176170	+	3	43	K.TLFEPGEMVR.V	14
PLOG+8587	proteomics_log	4176171	4176230	+	3	43	R.VNDGPFADFN GVVEEVDY EK.S	24
PLOG+8588	proteomics_log	4176171	4176236	+	3	64	R.VNDGPFADFN GVVEEVDY EKSR.L	26
PLOG+8589	proteomics_log	4176237	4176266	+	3	4	R.LKVSVSIFGR.A	14
PLOG+8590	proteomics_log	4176267	4176305	+	3	19	R.ATPVELDFSQVEK.A	17
PLOG+8591	proteomics_log	4176267	4176308	+	3	153	R.ATPVELDFSQVEKA.-	18
PLOG+8592	proteomics_log	4176500	4176607	+	2	3	K.LQVAAGM*ANSPPPVGPALGQQGVNIM*EFCKAFNAKT.D	42
PLOG+8593	proteomics_log	4176500	4176607	+	2	4	K.LQVAAGMANPSPPVGPALGQQGVNIM*EFCKAFNAKT.D	41
PLOG+8594	proteomics_log	4176500	4176583	+	2	6	K.LQVAAGM*ANSPPPVGPALGQQGVNIM*EF.C	34
PLOG+8595	proteomics_log	4176500	4176607	+	2	11	K.LQVAAGM*ANSPPPVGPALGQQGVNIMEFCKAFNAKT.D	41
PLOG+8596	proteomics_log	4176500	4176607	+	2	99	K.LQVAAGMANPSPPVGPALGQQGVNIMEFCKAFNAKT.D	40
PLOG+8597	proteomics_log	4176605	4176664	+	2	343	K.TDSIEKGLPIPVVITVYADR.S	24
PLOG+8598	proteomics_log	4176623	4176655	+	2	2	K.GLPVITVY.A	15

PLOG+8599	proteomics_log	4176623	4176715	+	2	20	K.GLPVITVYADRSTFTVTKTPPAVLLKK.A	35
PLOG+8600	proteomics_log	4176623	4176712	+	2	39	K.GLPVITVYADRSTFTVTKTPPAVLLKK.K	34
PLOG+8601	proteomics_log	4176623	4176664	+	2	457	K.GLPVITVYADR.S	18
PLOG+8602	proteomics_log	4176629	4176664	+	2	5	L.PVITVYADR.S	16
PLOG+8603	proteomics_log	4176635	4176664	+	2	7	I.PVITVYADR.S	14
PLOG+8604	proteomics_log	4176665	4176742	+	2	4	R.SFTVTKTPPAVLLKKAAGIKSGSG.K	30
PLOG+8605	proteomics_log	4176665	4176730	+	2	10	R.SFTVTKTPPAVLLKKAAGIK.S	26
PLOG+8606	proteomics_log	4176665	4176685	+	2	22	R.SFTVTK.T	11
PLOG+8607	proteomics_log	4176665	4176712	+	2	279	R.SFTVTKTPPAVLLK.K	20
PLOG+8608	proteomics_log	4176665	4176715	+	2	367	R.SFTVTKTPPAVLLKK.A	21
PLOG+8609	proteomics_log	4176671	4176712	+	2	4	F.TFVTKTPPAVLLK.K	18
PLOG+8610	proteomics_log	4176686	4176712	+	2	68	K.TPPAVLLK.K	13
PLOG+8611	proteomics_log	4176686	4176715	+	2	209	K.TPPAVLLKK.A	14
PLOG+8612	proteomics_log	4176689	4176712	+	2	2	T.PPAVLLK.K	12
PLOG+8613	proteomics_log	4176689	4176715	+	2	4	T.PPAVLLKK.A	13
PLOG+8614	proteomics_log	4176692	4176715	+	2	3	P.PAVLLKK.A	12
PLOG+8615	proteomics_log	4176713	4176769	+	2	43	K.KAAGIKSGSGKPNKDKVGK.I	23
PLOG+8616	proteomics_log	4176713	4176778	+	2	43	K.KAAGIKSGSGKPNKDKVGKISR.A	26
PLOG+8617	proteomics_log	4176716	4176760	+	2	10	K.AAGIKSGSGKPNKDK.V	19
PLOG+8618	proteomics_log	4176716	4176769	+	2	94	K.AAGIKSGSGKPNKDKVGK.I	22
PLOG+8619	proteomics_log	4176716	4176778	+	2	104	K.AAGIKSGSGKPNKDKVGKISR.A	25
PLOG+8620	proteomics_log	4176731	4176769	+	2	56	K.SGSGKPNKDKVGK.I	17
PLOG+8621	proteomics_log	4176731	4176778	+	2	257	K.SGSGKPNKDKVGKISR.A	20
PLOG+8622	proteomics_log	4176770	4176850	+	2	33	K.ISRAQLQEIAQTKAADMTGADIEAMTR.S	31
PLOG+8623	proteomics_log	4176770	4176808	+	2	124	K.ISRAQLQEIAQTK.A	17
PLOG+8624	proteomics_log	4176779	4176871	+	2	11	R.AQLQEIAQTKAADMTGADIEAMTRSIEGTAR.S	35
PLOG+8625	proteomics_log	4176779	4176850	+	2	11	R.AQLQEIAQTKAADM*TGADIEAMTR.S	29
PLOG+8626	proteomics_log	4176779	4176850	+	2	11	R.AQLQEIAQTKAADM*TGADIEAM*TR.S	30
PLOG+8627	proteomics_log	4176779	4176850	+	2	29	R.AQLQEIAQTKAADMTGADIEAM*TR.S	29
PLOG+8628	proteomics_log	4176779	4176850	+	2	329	R.AQLQEIAQTKAADMTGADIEAMTR.S	28
PLOG+8629	proteomics_log	4176779	4176808	+	2	519	R.AQLQEIAQTK.A	14
PLOG+8630	proteomics_log	4176809	4176844	+	2	3	K.AADM*TGADIEAM*.T	18
PLOG+8631	proteomics_log	4176809	4176850	+	2	42	K.AADM*TGADIEAM*TR.S	20
PLOG+8632	proteomics_log	4176809	4176850	+	2	91	K.AADMTGADIEAM*TR.S	19
PLOG+8633	proteomics_log	4176809	4176850	+	2	119	K.AADM*TGADIEAMTR.S	19
PLOG+8634	proteomics_log	4176809	4176850	+	2	548	K.AADMTGADIEAMTR.S	18
PLOG+8635	proteomics_log	4176812	4176850	+	2	2	A.ADM*TGADIEAM*TR.S	19
PLOG+8636	proteomics_log	4176815	4176850	+	2	4	A.DM*TGADIEAM*TR.S	18
PLOG+8637	proteomics_log	4176851	4176895	+	2	3	R.SIEGTARSMGLVVED.-	19
PLOG+8638	proteomics_log	4176872	4176895	+	2	38	R.SM*GLVVED.-	13
PLOG+8639	proteomics_log	4176872	4176895	+	2	83	R.SMGLVVED.-	12
PLOG+8640	proteomics_log	4176905	4176928	+	2	2	M.AKLTMR.V	12
PLOG+8641	proteomics_log	4176923	4177012	+	2	4	R.M*RVIREKVDATKQYDINEAIALLKELATAK.F	35
PLOG+8642	proteomics_log	4176923	4176994	+	2	11	R.MRVIREKVDATKQYDINEAIALLK.E	28
PLOG+8643	proteomics_log	4176923	4177012	+	2	137	R.MRVIREKVDATKQYDINEAIALLKELATAK.F	34
PLOG+8644	proteomics_log	4176929	4177018	+	2	3	R.VIREKVDATKQYDINEAIALLKELATAK.FV.E	34

PLOG+8645	proteomics_log	4176929	4177060	+	2	10	R.VIREKVDATKQYDINEAIALLKELATAKFVESVDVAVNLGIDAR.K	48
PLOG+8646	proteomics_log	4176929	4176994	+	2	36	R.VIREKVDATKQYDINEAIALLK.E	26
PLOG+8647	proteomics_log	4176929	4176958	+	2	95	R.VIREKVDATK.Q	14
PLOG+8648	proteomics_log	4176929	4177012	+	2	305	R.VIREKVDATKQYDINEAIALLKELATAK.F	32
PLOG+8649	proteomics_log	4176938	4177060	+	2	36	R.EKVDATKQYDINEAIALLKELATAKFVESVDVAVNLGIDAR.K	45
PLOG+8650	proteomics_log	4176938	4176994	+	2	174	R.EKVDATKQYDINEAIALLK.E	23
PLOG+8651	proteomics_log	4176938	4177012	+	2	285	R.EKVDATKQYDINEAIALLKELATAK.F	29
PLOG+8652	proteomics_log	4176944	4177060	+	2	59	K.VDATKQYDINEAIALLKELATAKFVESVDVAVNLGIDAR.K	43
PLOG+8653	proteomics_log	4176944	4176994	+	2	150	K.VDATKQYDINEAIALLK.E	21
PLOG+8654	proteomics_log	4176944	4177012	+	2	433	K.VDATKQYDINEAIALLKELATAK.F	27
PLOG+8655	proteomics_log	4176959	4177060	+	2	23	K.QYDINEAIALLKELATAKFVESVDVAVNLGIDAR.K	38
PLOG+8656	proteomics_log	4176959	4176994	+	2	96	K.QYDINEAIALLK.E	16
PLOG+8657	proteomics_log	4176959	4177012	+	2	302	K.QYDINEAIALLKELATAK.F	22
PLOG+8658	proteomics_log	4176989	4177060	+	2	5	L.LKELATAKFVESVDVAVNLGIDAR.K	28
PLOG+8659	proteomics_log	4176992	4177060	+	2	2	L.KELATAKFVESVDVAVNLGIDAR.K	27
PLOG+8660	proteomics_log	4177013	4177060	+	2	759	K.FVESVDVAVNLGIDAR.K	20
PLOG+8661	proteomics_log	4177061	4177114	+	2	251	R.KSDQNVRGATVLPHTGR.S	22
PLOG+8662	proteomics_log	4177064	4177114	+	2	77	K.SDQNVRGATVLPHTGR.S	21
PLOG+8663	proteomics_log	4177082	4177114	+	2	233	R.GATVLPHTGR.S	15
PLOG+8664	proteomics_log	4177115	4177195	+	2	2	R.SVRVAVFTQGANAEEAAKAAGAELVGME.D	31
PLOG+8665	proteomics_log	4177115	4177165	+	2	28	R.SVRVAVFTQGANAEEAAK.A	21
PLOG+8666	proteomics_log	4177124	4177234	+	2	2	R.VAVFTQGANAEEAAKAAGAELVGMEDLADQIKKGEMNF.D	41
PLOG+8667	proteomics_log	4177124	4177267	+	2	3	R.VAVFTQGANAEEAAKAAGAELVGMEDLADQIKKGEM*NFDVVIASPDAM*R.V	54
PLOG+8668	proteomics_log	4177124	4177267	+	2	3	R.VAVFTQGANAEEAAKAAGAELVGMEDLADQIKKGEM*NFDVVIASPDAMR.V	53
PLOG+8669	proteomics_log	4177124	4177216	+	2	4	R.VAVFTQGANAEEAAKAAGAELVGM*EDLADQIK.K	36
PLOG+8670	proteomics_log	4177124	4177267	+	2	3	R.VAVFTQGANAEEAAKAAGAELVGM*EDLADQIKKGEM*NFDVVIASPDAM*R.V	55
PLOG+8671	proteomics_log	4177124	4177267	+	2	9	R.VAVFTQGANAEEAAKAAGAELVGMEDLADQIKKGEMNFDVVIASPDAM*R.V	53
PLOG+8672	proteomics_log	4177124	4177156	+	2	11	R.VAVFTQGANAE.A	15
PLOG+8673	proteomics_log	4177124	4177219	+	2	30	R.VAVFTQGANAEAAKAAGAELVGMEDLADQIKK.G	36
PLOG+8674	proteomics_log	4177124	4177216	+	2	119	R.VAVFTQGANAEAAKAAGAELVGMEDLADQIK.K	35
PLOG+8675	proteomics_log	4177124	4177267	+	2	146	R.VAVFTQGANAEAAKAAGAELVGMEDLADQIKKGEMNFDVVIASPDAMR.V	52
PLOG+8676	proteomics_log	4177124	4177165	+	2	428	R.VAVFTQGANAEAAK.A	18
PLOG+8677	proteomics_log	4177163	4177267	+	2	8	A.KAAGAELVGMEDLADQIKKGEMNFDVVIASPDAMR.V	39
PLOG+8678	proteomics_log	4177166	4177219	+	2	2	K.AAGAELVGM*EDLADQIKK.G	23
PLOG+8679	proteomics_log	4177166	4177303	+	2	2	K.AAGAELVGMEDLADQIKKGEM*NFDVVIASPDAMRVVGGQLGQVLGPR.G	51
PLOG+8680	proteomics_log	4177166	4177303	+	2	2	K.AAGAELVGMEDLADQIKKGEM*NFDVVIASPDAM*RVVGGQLGQVLGPR.G	52
PLOG+8681	proteomics_log	4177166	4177267	+	2	2	K.AAGAELVGM*EDLADQIKKGEMNFDVVIASPDAM*R.V	40
PLOG+8682	proteomics_log	4177166	4177303	+	2	2	K.AAGAELVGM*EDLADQIKKGEM*NFDVVIASPDAM*RVVGGQLGQVLGPR.G	53
PLOG+8683	proteomics_log	4177166	4177267	+	2	7	K.AAGAELVGM*EDLADQIKKGEMNFDVVIASPDAMR.V	39
PLOG+8684	proteomics_log	4177166	4177216	+	2	7	K.AAGAELVGM*EDLADQIK.K	22
PLOG+8685	proteomics_log	4177166	4177267	+	2	7	K.AAGAELVGMEDLADQIKKGEM*NFDVVIASPDAMR.V	39
PLOG+8686	proteomics_log	4177166	4177267	+	2	2	K.AAGAELVGM*EDLADQIKKGEM*NFDVVIASPDAM*R.V	41
PLOG+8687	proteomics_log	4177166	4177219	+	2	59	K.AAGAELVGMEDLADQIKK.G	22
PLOG+8688	proteomics_log	4177166	4177267	+	2	64	K.AAGAELVGMEDLADQIKKGEMNFDVVIASPDAM*R.V	39
PLOG+8689	proteomics_log	4177166	4177303	+	2	83	K.AAGAELVGMEDLADQIKKGEMNFDVVIASPDAMRVVGGQLGQVLGPR.G	50
PLOG+8690	proteomics_log	4177166	4177216	+	2	182	K.AAGAELVGMEDLADQIK.K	21

PLOG+8691	proteomics_log	4177166	4177267	+	2	342	K.AAGAEVLGMEDLADQIKKGEMNFDVVIASPDAMR.V	38
PLOG+8692	proteomics_log	4177175	4177303	+	2	3	G.AELVGM*EDLADQIKKGEMNFDVVIASPDAMRVVGLGQVLGPR.G	48
PLOG+8693	proteomics_log	4177217	4177267	+	2	2	K.KGEM*NFDVVIASPDAMR.V	22
PLOG+8694	proteomics_log	4177217	4177267	+	2	2	K.KGEMNFDVVIASPDAM*R.V	22
PLOG+8695	proteomics_log	4177217	4177303	+	2	54	K.KGEMNFDVVIASPDAMRVVGLGQVLGPR.G	33
PLOG+8696	proteomics_log	4177217	4177267	+	2	88	K.KGEMNFDVVIASPDAMR.V	21
PLOG+8697	proteomics_log	4177220	4177303	+	2	5	K.GEMNFDVVIASPDAMRVVGLGQVLGPR.G	32
PLOG+8698	proteomics_log	4177220	4177267	+	2	37	K.GEMNFDVVIASPDAMR.V	20
PLOG+8699	proteomics_log	4177265	4177303	+	2	7	M.RVVGLGQVLGPR.G	17
PLOG+8700	proteomics_log	4177268	4177324	+	2	4	R.VVGQLGQVLGPRGLMPNPK.V	23
PLOG+8701	proteomics_log	4177268	4177294	+	2	17	R.VVGQLGQVL.G	13
PLOG+8702	proteomics_log	4177268	4177303	+	2	592	R.VVGQLGQVLGPR.G	16
PLOG+8703	proteomics_log	4177274	4177303	+	2	3	V.GQLGQVLGPR.G	14
PLOG+8704	proteomics_log	4177301	4177324	+	2	2	P.RGLM*PNPK.V	13
PLOG+8705	proteomics_log	4177304	4177363	+	2	2	R.GLM*PNPKVGTVTPNVAEAVK.N	25
PLOG+8706	proteomics_log	4177304	4177387	+	2	4	R.GLM*PNPKVGTVTPNVAEAVKNAKAGQVR.Y	33
PLOG+8707	proteomics_log	4177304	4177324	+	2	5	R.GLMPNPK.V	11
PLOG+8708	proteomics_log	4177304	4177363	+	2	8	R.GLMPNPKVGTVTPNVAEAVK.N	24
PLOG+8709	proteomics_log	4177304	4177372	+	2	17	R.GLM*PNPKVGTVTPNVAEAVKNAK.A	28
PLOG+8710	proteomics_log	4177304	4177387	+	2	37	R.GLMPNPKVGTVTPNVAEAVKNAKAGQVR.Y	32
PLOG+8711	proteomics_log	4177304	4177372	+	2	235	R.GLMPNPKVGTVTPNVAEAVKNAK.A	27
PLOG+8712	proteomics_log	4177325	4177387	+	2	59	K.VGTVTPNVAEAVKNAKAGQVR.Y	25
PLOG+8713	proteomics_log	4177325	4177363	+	2	228	K.VGTVTPNVAEAVK.N	17
PLOG+8714	proteomics_log	4177325	4177372	+	2	275	K.VGTVTPNVAEAVKNAK.A	20
PLOG+8715	proteomics_log	4177328	4177372	+	2	6	V.GTVTPNVAEAVKNAK.A	19
PLOG+8716	proteomics_log	4177337	4177372	+	2	23	V.TPNVAEAVKNAK.A	16
PLOG+8717	proteomics_log	4177340	4177387	+	2	3	T.PNVAEAVKNAKAGQVR.Y	20
PLOG+8718	proteomics_log	4177340	4177372	+	2	14	T.PNVAEAVKNAK.A	15
PLOG+8719	proteomics_log	4177388	4177453	+	2	2	R.YRNDKNGIIHTTIGKVDFDADK.L	26
PLOG+8720	proteomics_log	4177388	4177492	+	2	18	R.YRNDKNGIIHTTIGKVDFDADKLNLEALLVALK.K	39
PLOG+8721	proteomics_log	4177388	4177495	+	2	36	R.YRNDKNGIIHTTIGKVDFDADKLNLEALLVALKK.A	40
PLOG+8722	proteomics_log	4177388	4177432	+	2	116	R.YRNDKNGIIHTTIGK.V	19
PLOG+8723	proteomics_log	4177394	4177495	+	2	3	R.NDKNGIIHTTIGKVDFDADKLNLEALLVALKK.A	38
PLOG+8724	proteomics_log	4177394	4177492	+	2	48	R.NDKNGIIHTTIGKVDFDADKLNLEALLVALK.K	37
PLOG+8725	proteomics_log	4177403	4177432	+	2	5	K.NGIIHTTIGK.V	14
PLOG+8726	proteomics_log	4177403	4177492	+	2	16	K.NGIIHTTIGKVDFDADKLNLEALLVALK.K	34
PLOG+8727	proteomics_log	4177403	4177495	+	2	94	K.NGIIHTTIGKVDFDADKLNLEALLVALKK.A	35
PLOG+8728	proteomics_log	4177424	4177492	+	2	83	T.IGKVDFDADKLNLEALLVALK.K	27
PLOG+8729	proteomics_log	4177433	4177516	+	2	9	K.VDFDADKLNLEALLVALKKAKPTQAK.G	32
PLOG+8730	proteomics_log	4177433	4177492	+	2	151	K.VDFDADKLNLEALLVALK.K	24
PLOG+8731	proteomics_log	4177433	4177495	+	2	261	K.VDFDADKLNLEALLVALKK.A	25
PLOG+8732	proteomics_log	4177436	4177495	+	2	8	V.DFDADKLNLEALLVALKK.A	24
PLOG+8733	proteomics_log	4177454	4177492	+	2	2	K.LKENLEALLVALK.K	17
PLOG+8734	proteomics_log	4177454	4177495	+	2	131	K.LKENLEALLVALKK.A	18
PLOG+8735	proteomics_log	4177496	4177531	+	2	37	K.AKPTQAKGVYIK.K	16
PLOG+8736	proteomics_log	4177496	4177534	+	2	126	K.AKPTQAKGVYIKK.V	17

PLOG+8737	proteomics_log	4177502	4177534	+	2	4	K.PTQAKGVYIKK.V	15
PLOG+8738	proteomics_log	4177532	4177603	+	2	2	K.KVSISTTMGAGVAVDQAGLSASVN.-	28
PLOG+8739	proteomics_log	4177535	4177603	+	2	5	K.VSISTTMGAGVAVDQAGLSASVN.-	27
PLOG+8740	proteomics_log	4177535	4177603	+	2	5	K.VSISTTM*GAGVAVDQAGLSASVN.-	28
PLOG+8741	proteomics_log	4178022	4178156	+	3	6	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKM*TELKAGR.E	50
PLOG+8742	proteomics_log	4178022	4178147	+	3	26	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKM*TELK.A	47
PLOG+8743	proteomics_log	4178022	4178144	+	3	27	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKM*TELK.K	46
PLOG+8744	proteomics_log	4178022	4178147	+	3	41	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKMTELK.A	46
PLOG+8745	proteomics_log	4178022	4178129	+	3	114	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDK.M	40
PLOG+8746	proteomics_log	4178022	4178144	+	3	153	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSRGVTVDKMTELK.K	45
PLOG+8747	proteomics_log	4178022	4178078	+	3	363	M.ALNLQDKQAIVAEVSEVAK.G	23
PLOG+8748	proteomics_log	4178022	4178111	+	3	628	M.ALNLQDKQAIVAEVSEVAKGALSAVVADSR.G	34
PLOG+8749	proteomics_log	4178043	4178147	+	3	2	K.QAIVAEVSEVAKGALSAVVADSRGVTVDKMTELK.A	39
PLOG+8750	proteomics_log	4178043	4178144	+	3	17	K.QAIVAEVSEVAKGALSAVVADSRGVTVDKMTELK.K	38
PLOG+8751	proteomics_log	4178043	4178111	+	3	160	K.QAIVAEVSEVAKGALSAVVADSR.G	27
PLOG+8752	proteomics_log	4178043	4178078	+	3	168	K.QAIVAEVSEVAK.G	16
PLOG+8753	proteomics_log	4178046	4178129	+	3	20	Q.AIVAEVSEVAKGALSAVVADSRGVTVDK.M	32
PLOG+8754	proteomics_log	4178055	4178111	+	3	6	V.AEVSEVAKGALSAVVADSR.G	23
PLOG+8755	proteomics_log	4178070	4178144	+	3	5	E.VAKGALSAVVADSRGVTVDKMTELK.K	29
PLOG+8756	proteomics_log	4178079	4178156	+	3	2	K.GALSAVVADSRGVTVDKM*TELKAGR.E	31
PLOG+8757	proteomics_log	4178079	4178144	+	3	5	K.GALSAVVADSRGVTVDKM*TELK.K	27
PLOG+8758	proteomics_log	4178079	4178129	+	3	24	K.GALSAVVADSRGVTVDK.M	21
PLOG+8759	proteomics_log	4178079	4178156	+	3	33	K.GALSAVVADSRGVTVDKMTELKAGR.E	30
PLOG+8760	proteomics_log	4178079	4178144	+	3	120	K.GALSAVVADSRGVTVDKMTELK.K	26
PLOG+8761	proteomics_log	4178079	4178147	+	3	121	K.GALSAVVADSRGVTVDKMTELK.A	27
PLOG+8762	proteomics_log	4178079	4178111	+	3	359	K.GALSAVVADSR.G	15
PLOG+8763	proteomics_log	4178112	4178147	+	3	19	R.GVTVDKM*TELK.A	17
PLOG+8764	proteomics_log	4178112	4178147	+	3	35	R.GVTVDKMTELK.A	16
PLOG+8765	proteomics_log	4178112	4178144	+	3	61	R.GVTVDKM*TELK.K	16
PLOG+8766	proteomics_log	4178112	4178156	+	3	77	R.GVTVDKMTELKAGR.E	19
PLOG+8767	proteomics_log	4178112	4178144	+	3	229	R.GVTVDKMTELK.K	15
PLOG+8768	proteomics_log	4178118	4178144	+	3	2	V.TVDKMTELK.K	13
PLOG+8769	proteomics_log	4178145	4178177	+	3	29	R.KAGREAGVYMR.V	15
PLOG+8770	proteomics_log	4178148	4178177	+	3	108	K.AGREAGVYMR.V	14
PLOG+8771	proteomics_log	4178157	4178177	+	3	16	R.EAGVYMR.V	11
PLOG+8772	proteomics_log	4178178	4178201	+	3	3	R.VVRNTLLR.R	12
PLOG+8773	proteomics_log	4178202	4178300	+	3	13	R.RAVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	37
PLOG+8774	proteomics_log	4178205	4178300	+	3	15	R.AVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	36
PLOG+8775	proteomics_log	4178232	4178300	+	3	8	C.LKDAFVGPTLIAYSMEHPGAAAR.L	27
PLOG+8776	proteomics_log	4178238	4178270	+	3	3	K.DAFVGPTLIAY.S	15
PLOG+8777	proteomics_log	4178238	4178258	+	3	3	K.DAFVGPT.L	11
PLOG+8778	proteomics_log	4178238	4178300	+	3	124	K.DAFVGPTLIAYSMEHPGAAAR.L	25
PLOG+8779	proteomics_log	4178250	4178300	+	3	3	V.GPTLIAYSMEHPGAAAR.L	21
PLOG+8780	proteomics_log	4178271	4178300	+	3	45	Y.SMEHPGAAAR.L	14
PLOG+8781	proteomics_log	4178301	4178393	+	3	6	R.LFKEFAKANAKFEVKAFAFEGELIPASQIDR.L	35
PLOG+8782	proteomics_log	4178301	4178321	+	3	7	R.LFKEFAK.A	11

PLOG+8783	proteomics_log	4178301	4178345	+	3	48	R.LFKEFAKANAKFEVK.A	19
PLOG+8784	proteomics_log	4178301	4178333	+	3	145	R.LFKEFAKANAK.F	15
PLOG+8785	proteomics_log	4178322	4178432	+	3	9	K.ANAKFEVKAAAFEGELIPASQIDRLATLPTYEEAIAR.L	41
PLOG+8786	proteomics_log	4178322	4178345	+	3	72	K.ANAKFEVK.A	12
PLOG+8787	proteomics_log	4178322	4178393	+	3	81	K.ANAKFEVKAAAFEGELIPASQIDR.L	28
PLOG+8788	proteomics_log	4178334	4178393	+	3	12	K.FEVKAAAFEGELIPASQIDR.L	24
PLOG+8789	proteomics_log	4178334	4178432	+	3	117	K.FEVKAAAFEGELIPASQIDRLATLPTYEEAIAR.L	37
PLOG+8790	proteomics_log	4178346	4178477	+	3	3	K.AAAFEGELIPASQIDRLATLPTYEEAIARLMATMKEASAGKLV.R.T	48
PLOG+8791	proteomics_log	4178346	4178393	+	3	346	K.AAAFEGELIPASQIDR.L	20
PLOG+8792	proteomics_log	4178346	4178432	+	3	402	K.AAAFEGELIPASQIDRLATLPTYEEAIAR.L	33
PLOG+8793	proteomics_log	4178373	4178432	+	3	31	I.PASQIDRLATLPTYEEAIAR.L	24
PLOG+8794	proteomics_log	4178394	4178417	+	3	9	R.LATLPTYE.E	12
PLOG+8795	proteomics_log	4178394	4178477	+	3	69	R.LATLPTYEEAIARLMATMKEASAGKLV.R.T	32
PLOG+8796	proteomics_log	4178394	4178432	+	3	235	R.LATLPTYEEAIAR.L	17
PLOG+8797	proteomics_log	4178406	4178432	+	3	17	L.PTYEEAIAR.L	13
PLOG+8798	proteomics_log	4178433	4178474	+	3	4	R.LMATMKEASAGKLV.R	18
PLOG+8799	proteomics_log	4178433	4178513	+	3	8	R.LMATMKEASAGKLVRTLAAVRDAKEAA.-	31
PLOG+8800	proteomics_log	4178433	4178468	+	3	13	R.LM*ATMKEASAGK.L	17
PLOG+8801	proteomics_log	4178433	4178477	+	3	25	R.LM*ATM*KEASAGKLV.R.T	21
PLOG+8802	proteomics_log	4178433	4178468	+	3	13	R.LM*ATM*KEASAGK.L	18
PLOG+8803	proteomics_log	4178433	4178477	+	3	30	R.LMATM*KEASAGKLV.R.T	20
PLOG+8804	proteomics_log	4178433	4178468	+	3	34	R.LMATM*KEASAGK.L	17
PLOG+8805	proteomics_log	4178433	4178477	+	3	44	R.LM*ATMKEASAGKLV.R.T	20
PLOG+8806	proteomics_log	4178433	4178468	+	3	124	R.LMATMKEASAGK.L	16
PLOG+8807	proteomics_log	4178433	4178477	+	3	460	R.LMATMKEASAGKLV.R.T	19
PLOG+8808	proteomics_log	4178451	4178477	+	3	42	K.EASAGKLV.R.T	13
PLOG+8809	proteomics_log	4178478	4178504	+	3	119	R.TLAAVRDAK.E	13
PLOG+8810	proteomics_log	4178478	4178513	+	3	283	R.TLAAVRDAKEAA.-	16
PLOG+8811	proteomics_log	4178583	4178672	+	3	2	-.MSITKDQIIEAVAAM*SVMDVVELISAMEEK.F	35
PLOG+8812	proteomics_log	4178583	4178672	+	3	9	-.M*SITKDQIIEAVAAMSVMDVVELISAMEEK.F	35
PLOG+8813	proteomics_log	4178583	4178672	+	3	139	-.MSITKDQIIEAVAAMSVMDVVELISAMEEK.F	34
PLOG+8814	proteomics_log	4178586	4178672	+	3	20	M.SITKDQIIEAVAAMSVMDVVELISAMEEK.F	34
PLOG+8815	proteomics_log	4178586	4178672	+	3	36	M.SITKDQIIEAVAAM*SVMDVVELISAMEEK.F	34
PLOG+8816	proteomics_log	4178586	4178672	+	3	41	M.SITKDQIIEAVAAMSVMDVVELISAM*EEK.F	34
PLOG+8817	proteomics_log	4178586	4178672	+	3	20	M.SITKDQIIEAVAAM*SVM*DVVELISAMEEK.F	35
PLOG+8818	proteomics_log	4178586	4178672	+	3	20	M.SITKDQIIEAVAAM*SVM*DVVELISAM*EEK.F	36
PLOG+8819	proteomics_log	4178586	4178672	+	3	528	M.SITKDQIIEAVAAMSVMDVVELISAMEEK.F	33
PLOG+8820	proteomics_log	4178598	4178672	+	3	6	K.DQIIEAVAAM*SVM*DVVELISAMEEK.F	31
PLOG+8821	proteomics_log	4178598	4178672	+	3	7	K.DQIIEAVAAMSVMDVVELISAM*EEK.F	30
PLOG+8822	proteomics_log	4178598	4178672	+	3	6	K.DQIIEAVAAM*SVM*DVVELISAM*EEK.F	32
PLOG+8823	proteomics_log	4178598	4178672	+	3	15	K.DQIIEAVAAM*SVMDVVELISAMEEK.F	30
PLOG+8824	proteomics_log	4178598	4178672	+	3	23	K.DQIIEAVAAMSVMDVVELISAMEEK.F	30
PLOG+8825	proteomics_log	4178598	4178672	+	3	343	K.DQIIEAVAAMSVMDVVELISAMEEK.F	29
PLOG+8826	proteomics_log	4178607	4178672	+	3	45	I.IEAVAAMSVMDVVELISAMEEK.F	26
PLOG+8827	proteomics_log	4178613	4178672	+	3	12	E.AVAAMSVMDVVELISAMEEK.F	25
PLOG+8828	proteomics_log	4178613	4178672	+	3	26	E.AVAAM*SVMDVVELISAMEEK.F	25

PLOG+8829	proteomics_log	4178619	4178672	+	3	2	V.AAMSVMDVVVELISAMEEK.F	22
PLOG+8830	proteomics_log	4178625	4178672	+	3	40	A.MSVMDEVVELISAMEEK.F	20
PLOG+8831	proteomics_log	4178628	4178672	+	3	10	M.SVMDEVVELISAMEEK.F	19
PLOG+8832	proteomics_log	4178631	4178672	+	3	67	S.VMDVVVELISAMEEK.F	18
PLOG+8833	proteomics_log	4178673	4178738	+	3	2	K.FGVSAAA AVAAGPVEAAEEK.T	26
PLOG+8834	proteomics_log	4178673	4178804	+	3	4	K.FGVSAAA AVAAGPVEAAEEKTEFDVILKAAGANKVAVIKAVR.G	48
PLOG+8835	proteomics_log	4178673	4178795	+	3	28	K.FGVSAAA AVAAGPVEAAEEKTEFDVILKAAGANKVAVIK.A	45
PLOG+8836	proteomics_log	4178673	4178762	+	3	1349	K.FGVSAAA AVAAGPVEAAEEKTEFDVILK.A	34
PLOG+8837	proteomics_log	4178712	4178804	+	3	6	A.GPVEAAEEKTEFDVILKAAGANKVAVIKAVR.G	35
PLOG+8838	proteomics_log	4178739	4178780	+	3	2	K.TEFDVILKAAGANK.V	18
PLOG+8839	proteomics_log	4178739	4178795	+	3	6	K.TEFDVILKAAGANKVAVIK.A	23
PLOG+8840	proteomics_log	4178739	4178762	+	3	32	K.TEFDVILK.A	12
PLOG+8841	proteomics_log	4178739	4178804	+	3	45	K.TEFDVILKAAGANKVAVIKAVR.G	26
PLOG+8842	proteomics_log	4178763	4178795	+	3	294	K.AAGANKVAVIK.A	15
PLOG+8843	proteomics_log	4178763	4178804	+	3	340	K.AAGANKVAVIKAVR.G	18
PLOG+8844	proteomics_log	4178766	4178795	+	3	13	A.AGANKVAVIK.A	14
PLOG+8845	proteomics_log	4178769	4178804	+	3	2	A.GANKVAVIKAVR.G	16
PLOG+8846	proteomics_log	4178769	4178795	+	3	8	A.GANKVAVIK.A	13
PLOG+8847	proteomics_log	4178781	4178804	+	3	4	K.VAVIKAVR.G	12
PLOG+8848	proteomics_log	4178796	4178828	+	3	3	K.AVRGATGLGLK.E	15
PLOG+8849	proteomics_log	4178796	4178909	+	3	6	K.AVRGATGLGLKEAKDLVESAPAALKEGVSKDDAEALKK.A	42
PLOG+8850	proteomics_log	4178796	4178837	+	3	39	K.AVRGATGLGLKEAK.D	18
PLOG+8851	proteomics_log	4178805	4178906	+	3	3	R.GATGLGLKEAKDLVESAPAALKEGVSKDDAEALK.K	38
PLOG+8852	proteomics_log	4178805	4178885	+	3	18	R.GATGLGLKEAKDLVESAPAALKEGVSK.D	31
PLOG+8853	proteomics_log	4178805	4178870	+	3	34	R.GATGLGLKEAKDLVESAPAALK.E	26
PLOG+8854	proteomics_log	4178805	4178945	+	3	94	R.GATGLGLKEAKDLVESAPAALKEGVSKDDAEALKKALEEAGAEVEVK.-	51
PLOG+8855	proteomics_log	4178805	4178909	+	3	97	R.GATGLGLKEAKDLVESAPAALKEGVSKDDAEALKK.A	39
PLOG+8856	proteomics_log	4178805	4178837	+	3	107	R.GATGLGLKEAK.D	15
PLOG+8857	proteomics_log	4178811	4178837	+	3	4	A.TGLGLKEAK.D	13
PLOG+8858	proteomics_log	4178829	4178945	+	3	6	K.EAKDLVESAPAALKEGVSKDDAEALKKALEEAGAEVEVK.-	43
PLOG+8859	proteomics_log	4178829	4178909	+	3	8	K.EAKDLVESAPAALKEGVSKDDAEALKK.A	31
PLOG+8860	proteomics_log	4178838	4178870	+	3	37	K.DLVESAPAALK.E	15
PLOG+8861	proteomics_log	4178838	4178885	+	3	42	K.DLVESAPAALKEGVSK.D	20
PLOG+8862	proteomics_log	4178838	4178909	+	3	219	K.DLVESAPAALKEGVSKDDAEALKK.A	28
PLOG+8863	proteomics_log	4178838	4178945	+	3	318	K.DLVESAPAALKEGVSKDDAEALKKALEEAGAEVEVK.-	40
PLOG+8864	proteomics_log	4178871	4178909	+	3	13	K.EGVSKDDAEALKK.A	17
PLOG+8865	proteomics_log	4178871	4178945	+	3	36	K.EGVSKDDAEALKKALEEAGAEVEVK.-	29
PLOG+8866	proteomics_log	4178886	4178909	+	3	2	K.DDAEALKK.A	12
PLOG+8867	proteomics_log	4178886	4178945	+	3	91	K.DDAEALKKALEEAGAEVEVK.-	24
PLOG+8868	proteomics_log	4178907	4178945	+	3	11	K.KALEEAGAEVEVK.-	17
PLOG+8869	proteomics_log	4178910	4178945	+	3	717	K.ALEEAGAEVEVK.-	16
PLOG+8870	proteomics_log	4179268	4179297	+	1	2	P.M*VYSYTEKKR.I	15
PLOG+8871	proteomics_log	4179268	4179297	+	1	15	P.MVYSYTEKKR.I	14
PLOG+8872	proteomics_log	4179271	4179297	+	1	12	M.VYSYTEKKR.I	13
PLOG+8873	proteomics_log	4179298	4179378	+	1	5	R.IRKDFGKRQVLDVPYLLSIQLDSFQK.F	31
PLOG+8874	proteomics_log	4179304	4179378	+	1	35	R.KDFGKRQVLDVPYLLSIQLDSFQK.F	29

PLOG+8875	proteomics_log	4179307	4179378	+	1	24	K.DFGKRPQVLDVPYLLSIQLDSFQK.F	28
PLOG+8876	proteomics_log	4179319	4179378	+	1	11	K.RPQVLDVPYLLSIQLDSFQK.F	24
PLOG+8877	proteomics_log	4179379	4179429	+	1	74	K.FIEQDPEGQYGLEAAFR.S	21
PLOG+8878	proteomics_log	4179430	4179534	+	1	12	R.SVFPIQSYSGNSELQYVSYRLGEPVFDVQECQIRG.V	39
PLOG+8879	proteomics_log	4179430	4179489	+	1	62	R.SVFPIQSYSGNSELQYVSYR.L	24
PLOG+8880	proteomics_log	4179490	4179534	+	1	82	R.LGEPVFDVQECQIRG.V	19
PLOG+8881	proteomics_log	4179532	4179558	+	1	6	R.GVTYSAPLR.V	13
PLOG+8882	proteomics_log	4179532	4179564	+	1	29	R.GVTYSAPLRVK.L	15
PLOG+8883	proteomics_log	4179589	4179696	+	1	3	R.EAPEGTVKDIKEQEVYMG EIPLMTDNGTFVINGTER.V	40
PLOG+8884	proteomics_log	4179721	4179774	+	1	10	R.SPGVFFDSDKKGKTHSSGK.V	22
PLOG+8885	proteomics_log	4179721	4179756	+	1	22	R.SPGVFFDSDKKGK.T	16
PLOG+8886	proteomics_log	4179721	4179792	+	1	85	R.SPGVFFDSDKKGKTHSSGKVLNAR.I	28
PLOG+8887	proteomics_log	4179793	4179858	+	1	89	R.IIPYRGSWLDFFEDPKDNLFVR.I	26
PLOG+8888	proteomics_log	4179808	4179840	+	1	9	R.GSWLDFFEDPK.D	15
PLOG+8889	proteomics_log	4179808	4179858	+	1	73	R.GSWLDFFEDPKDNLFVR.I	21
PLOG+8890	proteomics_log	4179871	4179900	+	1	6	R.RKLPATIIILR.A	14
PLOG+8891	proteomics_log	4179901	4179975	+	1	10	R.ALNYTTEQILDFFEKVIFEIRDNK.L	29
PLOG+8892	proteomics_log	4179901	4179966	+	1	22	R.ALNYTTEQILDFFEKVIFEIR.D	26
PLOG+8893	proteomics_log	4179901	4180002	+	1	36	R.ALNYTTEQILDFFEKVIFEIRDNKLMELVPER.L	38
PLOG+8894	proteomics_log	4179901	4179948	+	1	309	R.ALNYTTEQILDFFEK.V	20
PLOG+8895	proteomics_log	4179949	4180002	+	1	31	K.VIFEIRDNKLMELVPER.L	22
PLOG+8896	proteomics_log	4179967	4180002	+	1	4	R.DNKLMELVPER.L	16
PLOG+8897	proteomics_log	4179976	4180002	+	1	3	K.LQMELVPER.L	13
PLOG+8898	proteomics_log	4180003	4180047	+	1	4	R.LRGETASFDIEANGK.V	19
PLOG+8899	proteomics_log	4180084	4180152	+	1	4	R.HIRQLEKDDVKLIEVPVEYIAGK.V	27
PLOG+8900	proteomics_log	4180093	4180152	+	1	31	R.QLEKDDVKLIEVPVEYIAGK.V	24
PLOG+8901	proteomics_log	4180117	4180152	+	1	20	K.LIEVPVEYIAGK.V	16
PLOG+8902	proteomics_log	4180261	4180323	+	1	16	K.RIETLFTNDLDHGPIYSETLR.V	25
PLOG+8903	proteomics_log	4180264	4180323	+	1	39	R.IETLFTNDLDHGPIYSETLR.V	24
PLOG+8904	proteomics_log	4180345	4180371	+	1	49	R.LSALVEIYR.M	13
PLOG+8905	proteomics_log	4180372	4180473	+	1	24	R.M*M*RPGEPTREAAESLFENLFFSEDRYDLSAVGR.M	40
PLOG+8906	proteomics_log	4180372	4180473	+	1	112	R.MMRPGEPTREAAESLFENLFFSEDRYDLSAVGR.M	38
PLOG+8907	proteomics_log	4180402	4180449	+	1	7	R.EAAESLFENLFFSEDR.Y	20
PLOG+8908	proteomics_log	4180402	4180473	+	1	88	R.EAAESLFENLFFSEDRYDLSAVGR.M	28
PLOG+8909	proteomics_log	4180489	4180533	+	1	4	R.SLLREEIEGSGILSK.D	19
PLOG+8910	proteomics_log	4180489	4180557	+	1	10	R.SLLREEIEGSGILSKDDIIDVM*K.K	28
PLOG+8911	proteomics_log	4180489	4180560	+	1	16	R.SLLREEIEGSGILSKDDIIDVM*KK.L	29
PLOG+8912	proteomics_log	4180489	4180575	+	1	16	R.SLLREEIEGSGILSKDDIIDVMKKLIDIR.N	33
PLOG+8913	proteomics_log	4180489	4180557	+	1	166	R.SLLREEIEGSGILSKDDIIDVMK.K	27
PLOG+8914	proteomics_log	4180489	4180560	+	1	186	R.SLLREEIEGSGILSKDDIIDVMKK.L	28
PLOG+8915	proteomics_log	4180558	4180620	+	1	4	K.KLIDIRNGKGEVDDIDHLGNR.R	25
PLOG+8916	proteomics_log	4180558	4180623	+	1	13	K.KLIDIRNGKGEVDDIDHLGNRR.I	26
PLOG+8917	proteomics_log	4180561	4180623	+	1	5	K.LIDIRNGKGEVDDIDHLGNRR.I	25
PLOG+8918	proteomics_log	4180561	4180620	+	1	35	K.LIDIRNGKGEVDDIDHLGNR.R	24
PLOG+8919	proteomics_log	4180576	4180623	+	1	3	R.NGKGEVDDIDHLGNRR.I	20
PLOG+8920	proteomics_log	4180576	4180620	+	1	16	R.NGKGEVDDIDHLGNR.R	19

PLOG+8921	proteomics_log	4180624	4180677	+	1	7	R.IRSVGEMAENQFRVGLVR.V	22
PLOG+8922	proteomics_log	4180624	4180662	+	1	85	R.IRSVGEMAENQFR.V	17
PLOG+8923	proteomics_log	4180630	4180686	+	1	3	R.SVGEMAENQFRVGLVRVER.A	23
PLOG+8924	proteomics_log	4180630	4180662	+	1	7	R.SVGM*AENQFR.V	16
PLOG+8925	proteomics_log	4180630	4180662	+	1	122	R.SVGEMAENQFR.V	15
PLOG+8926	proteomics_log	4180702	4180776	+	1	2	R.LSLGDLDTLMPQDM*INAKPISAAVK.E	30
PLOG+8927	proteomics_log	4180702	4180776	+	1	28	R.LSLGDLDTLMPQDMINAKPISAAVK.E	29
PLOG+8928	proteomics_log	4180777	4180851	+	1	3	K.EFFGSSQLSQFMDQNNPLSEITHKR.R	29
PLOG+8929	proteomics_log	4180777	4180848	+	1	28	K.EFFGSSQLSQFMDQNNPLSEITHK.R	28
PLOG+8930	proteomics_log	4180852	4180893	+	1	3	R.RISALGPGGLTRER.A	18
PLOG+8931	proteomics_log	4180852	4180887	+	1	136	R.RISALGPGGLTR.E	16
PLOG+8932	proteomics_log	4180855	4180887	+	1	191	R.ISALGPGGLTR.E	15
PLOG+8933	proteomics_log	4180894	4180938	+	1	3	R.AGFEVRDVHPHXYGR.V	19
PLOG+8934	proteomics_log	4180912	4180938	+	1	17	R.DVHPHXYGR.V	13
PLOG+8935	proteomics_log	4181179	4181208	+	1	84	R.SKGESSLFSR.D	14
PLOG+8936	proteomics_log	4181209	4181301	+	1	2	R.DQVDYM*DVSTQQVSVGASLIPFLEHDDANR.A	36
PLOG+8937	proteomics_log	4181209	4181301	+	1	10	R.DQVDYMDVSTQQVSVGASLIPFLEHDDANR.A	35
PLOG+8938	proteomics_log	4181275	4181301	+	1	2	P.FLEHDDANR.A	13
PLOG+8939	proteomics_log	4181302	4181328	+	1	4	R.ALM*GANM*QR.Q	15
PLOG+8940	proteomics_log	4181302	4181328	+	1	4	R.ALM*GANMQR.Q	14
PLOG+8941	proteomics_log	4181302	4181328	+	1	42	R.ALMGANMQR.Q	13
PLOG+8942	proteomics_log	4181329	4181385	+	1	2	R.QAVPTLRADKPLVGTGM*ER.A	24
PLOG+8943	proteomics_log	4181329	4181385	+	1	108	R.QAVPTLRADKPLVGTGMER.A	23
PLOG+8944	proteomics_log	4181350	4181385	+	1	15	R.ADKPLVGTGMER.A	16
PLOG+8945	proteomics_log	4181386	4181427	+	1	35	R.AVAVDSGVTAVAKR.G	18
PLOG+8946	proteomics_log	4181386	4181460	+	1	81	R.AVAVDSGVTAVAKRGGVVQYVDASR.I	29
PLOG+8947	proteomics_log	4181386	4181424	+	1	166	R.AVAVDSGVTAVAKR.R	17
PLOG+8948	proteomics_log	4181425	4181460	+	1	213	K.RGGVVQYVDASR.I	16
PLOG+8949	proteomics_log	4181428	4181460	+	1	65	R.GGVVQYVDASR.I	15
PLOG+8950	proteomics_log	4181461	4181541	+	1	2	R.IVIVNEDEM*YPGEAGIDIYNLTKYTR.S	32
PLOG+8951	proteomics_log	4181461	4181532	+	1	4	R.IVIVNEDEM*YPGEAGIDIYNLT.K.Y	29
PLOG+8952	proteomics_log	4181461	4181541	+	1	92	R.IVIVNEDEMYPGEAGIDIYNLTKYTR.S	31
PLOG+8953	proteomics_log	4181461	4181532	+	1	236	R.IVIVNEDEMYPGEAGIDIYNLT.K.Y	28
PLOG+8954	proteomics_log	4181473	4181532	+	1	2	K.VNEDEM*YPGEAGIDIYNLT.K.Y	25
PLOG+8955	proteomics_log	4181473	4181532	+	1	3	K.VNEDEMYPGEAGIDIYNLT.K.Y	24
PLOG+8956	proteomics_log	4181581	4181670	+	1	6	V.SLGEPVERGDVLADGPSTDLGELALGQNM.R.V	34
PLOG+8957	proteomics_log	4181605	4181670	+	1	7	R.GDVLADGPSTDLGELALGQNM*R.V	27
PLOG+8958	proteomics_log	4181605	4181670	+	1	92	R.GDVLADGPSTDLGELALGQNM.R.V	26
PLOG+8959	proteomics_log	4181638	4181730	+	1	18	D.LGELALGQNMRFVAFMPWNGYNFEDSILVSR.V	35
PLOG+8960	proteomics_log	4181671	4181730	+	1	3	R.VAFM*PWNGYNFEDSILVSR.V	25
PLOG+8961	proteomics_log	4181671	4181706	+	1	4	R.VAFM*PWNGYNFE.D	17
PLOG+8962	proteomics_log	4181671	4181730	+	1	204	R.VAFMPWNGYNFEDSILVSR.V	24
PLOG+8963	proteomics_log	4181707	4181730	+	1	2	E.DSILVSR.V	12
PLOG+8964	proteomics_log	4181800	4181925	+	1	2	K.LGPEEITADIPNVGEAALSKLDESGIVYIGAEVTGGDILVGK.V	46
PLOG+8965	proteomics_log	4181800	4181859	+	1	29	K.LGPEEITADIPNVGEAALSK.L	24
PLOG+8966	proteomics_log	4181926	4181967	+	1	7	K.VTPKGETQLTPEEK.L	18

PLOG+8967	proteomics_log	4181938	4181976	+	1	2	K.GETQLTPEEKLLR.A	17
PLOG+8968	proteomics_log	4181938	4181967	+	1	21	K.GETQLTPEEK.L	14
PLOG+8969	proteomics_log	4181977	4182075	+	1	2	R.AIFGEKASDVKDSLRVPNGVSGTVIDVQVFTR.D	37
PLOG+8970	proteomics_log	4181995	4182024	+	1	5	K.ASDVKDSSLR.V	14
PLOG+8971	proteomics_log	4181995	4182075	+	1	60	K.ASDVKDSSLRVPNGVSGTVIDVQVFTR.D	31
PLOG+8972	proteomics_log	4182076	4182189	+	1	2	R.DGVEKDKRALEIEEM*QLKQAKKDLSEELQILEAGLFSR.I	43
PLOG+8973	proteomics_log	4182100	4182129	+	1	2	R.ALEIEEM*QLK.Q	15
PLOG+8974	proteomics_log	4182100	4182138	+	1	4	R.ALEIEEMQLKQAK.K	17
PLOG+8975	proteomics_log	4182100	4182189	+	1	40	R.ALEIEEM*QLKQAKKDLSEELQILEAGLFSR.I	35
PLOG+8976	proteomics_log	4182100	4182129	+	1	134	R.ALEIEEMQLK.Q	14
PLOG+8977	proteomics_log	4182100	4182189	+	1	202	R.ALEIEEMQLKQAKKDLSEELQILEAGLFSR.I	34
PLOG+8978	proteomics_log	4182115	4182189	+	1	31	E.EM*QLKQAKKDLSEELQILEAGLFSR.I	30
PLOG+8979	proteomics_log	4182130	4182189	+	1	48	K.QAKKDLSEELQILEAGLFSR.I	24
PLOG+8980	proteomics_log	4182139	4182189	+	1	290	K.KDLSEELQILEAGLFSR.I	21
PLOG+8981	proteomics_log	4182142	4182189	+	1	147	K.DLSEELQILEAGLFSR.I	20
PLOG+8982	proteomics_log	4182151	4182189	+	1	2	S.EELQILEAGLFSR.I	17
PLOG+8983	proteomics_log	4182190	4182255	+	1	4	R.IRAVLVAGGVEAEKLDKLPDR.W	26
PLOG+8984	proteomics_log	4182190	4182249	+	1	113	R.IRAVLVAGGVEAEKLDKLP.D	24
PLOG+8985	proteomics_log	4182196	4182249	+	1	57	R.AVLVAGGVEAEKLDKLP.D	22
PLOG+8986	proteomics_log	4182250	4182348	+	1	2	R.DRWLELGLTDEEKQNQLAEQYDELKHEFEK.K	37
PLOG+8987	proteomics_log	4182256	4182348	+	1	10	R.WLELGLTDEEKQNQLAEQYDELKHEFEK.K	35
PLOG+8988	proteomics_log	4182367	4182411	+	1	11	R.RKITQGDDLAPGVLK.I	19
PLOG+8989	proteomics_log	4182370	4182438	+	1	2	R.KITQGDDLAPGVLKIVKVYLAVK.R	27
PLOG+8990	proteomics_log	4182370	4182441	+	1	3	R.KITQGDDLAPGVLKIVKVYLAVKR.R	28
PLOG+8991	proteomics_log	4182370	4182420	+	1	37	R.KITQGDDLAPGVLKIVK.V	21
PLOG+8992	proteomics_log	4182370	4182411	+	1	91	R.KITQGDDLAPGVLK.I	18
PLOG+8993	proteomics_log	4182373	4182411	+	1	22	K.ITQGDDLAPGVLK.I	17
PLOG+8994	proteomics_log	4182442	4182474	+	1	90	R.RIQPGDKMAGR.H	15
PLOG+8995	proteomics_log	4182475	4182585	+	1	5	R.HGNKGVISKINPIEDM*PYDENGTPVDIVLNPLGVPSR.M	42
PLOG+8996	proteomics_log	4182475	4182585	+	1	6	R.HGNKGVISKINPIEDMPYDENGTPVDIVLNPLGVPSR.M	41
PLOG+8997	proteomics_log	4182475	4182501	+	1	110	R.HGNKGVISK.I	13
PLOG+8998	proteomics_log	4182502	4182633	+	1	2	K.INPIEDM*PYDENGTPVDIVLNPLGVPSRMNIGQILETHLGM*AAK.G	50
PLOG+8999	proteomics_log	4182502	4182633	+	1	5	K.INPIEDMPYDENGTPVDIVLNPLGVPSRMNIGQILETHLGMAAK.G	48
PLOG+9000	proteomics_log	4182502	4182585	+	1	28	K.INPIEDM*PYDENGTPVDIVLNPLGVPSR.M	33
PLOG+9001	proteomics_log	4182502	4182585	+	1	203	K.INPIEDMPYDENGTPVDIVLNPLGVPSR.M	32
PLOG+9002	proteomics_log	4182586	4182633	+	1	2	R.M*NIGQILETHLGMAAK.G	21
PLOG+9003	proteomics_log	4182586	4182633	+	1	14	R.MNIGQILETHLGM*AAK.G	21
PLOG+9004	proteomics_log	4182586	4182633	+	1	300	R.MNIGQILETHLGMAAK.G	20
PLOG+9005	proteomics_log	4182634	4182687	+	1	3	K.GIGDKINAM*LKQQQEVAK.L	23
PLOG+9006	proteomics_log	4182634	4182693	+	1	5	K.GIGDKINAM*LKQQQEVAKLR.E	25
PLOG+9007	proteomics_log	4182634	4182708	+	1	6	K.GIGDKINAM*LKQQQEVAKLREFIQR.A	30
PLOG+9008	proteomics_log	4182634	4182693	+	1	31	K.GIGDKINAMLKQQQEVAKLR.E	24
PLOG+9009	proteomics_log	4182634	4182666	+	1	38	K.GIGDKINAMLK.Q	15
PLOG+9010	proteomics_log	4182634	4182708	+	1	45	K.GIGDKINAMLKQQQEVAKLREFIQR.A	29
PLOG+9011	proteomics_log	4182634	4182687	+	1	71	K.GIGDKINAMLKQQQEVAK.L	22
PLOG+9012	proteomics_log	4182709	4182735	+	1	53	R.AYDLGADV.R.Q	13

PLOG+9013	proteomics_log	4182736	4182780	+	1	4	R.QKVDLSTFSDEEVM*R.L	20
PLOG+9014	proteomics_log	4182736	4182780	+	1	117	R.QKVDLSTFSDEEVMR.L	19
PLOG+9015	proteomics_log	4182742	4182780	+	1	4	K.VDLSTFSDEEVMR.L	17
PLOG+9016	proteomics_log	4182742	4182780	+	1	4	K.VDLSTFSDEEVM*R.L	18
PLOG+9017	proteomics_log	4182781	4182900	+	1	3	R.LAENLRKGM*PIATPVFDGAKEAEIKELLKGLDLPTSGQIR.L	45
PLOG+9018	proteomics_log	4182799	4182900	+	1	3	R.KGM*PIATPVFDGAKEAEIKELLKGLDLPTSGQIR.L	39
PLOG+9019	proteomics_log	4182802	4182840	+	1	29	K.GMPIATPVFDGAK.E	17
PLOG+9020	proteomics_log	4182802	4182900	+	1	132	K.GMPIATPVFDGAKEAEIKELLKGLDLPTSGQIR.L	37
PLOG+9021	proteomics_log	4182841	4182867	+	1	2	K.EAEIKELLK.L	13
PLOG+9022	proteomics_log	4182841	4182900	+	1	71	K.EAEIKELLKGLDLPTSGQIR.L	24
PLOG+9023	proteomics_log	4182868	4182900	+	1	123	K.LGDLPTSGQIR.L	15
PLOG+9024	proteomics_log	4182901	4182969	+	1	5	R.LYDGRTGEQFERPVTVGMYMLK.L	27
PLOG+9025	proteomics_log	4182916	4182969	+	1	95	R.TGEQFERPVTVGMYMLK.L	22
PLOG+9026	proteomics_log	4182970	4182993	+	1	11	K.LNHLVDDK.M	12
PLOG+9027	proteomics_log	4182970	4183005	+	1	12	K.LNHLVDDKM*HAR.S	17
PLOG+9028	proteomics_log	4182970	4183005	+	1	125	K.LNHLVDDKM HAR.S	16
PLOG+9029	proteomics_log	4183006	4183074	+	1	32	R.STGSYSLVTQQPLGGKAQFGGQR.F	27
PLOG+9030	proteomics_log	4183006	4183053	+	1	120	R.STGSYSLVTQQPLGGK.A	20
PLOG+9031	proteomics_log	4183075	4183149	+	1	2	R.FGEMEVWALEAYGAAYTLQEM*LTVK.S	30
PLOG+9032	proteomics_log	4183075	4183176	+	1	7	R.FGEMEVWALEAYGAAYTLQEMLTVKSDDVNGRTK.M	38
PLOG+9033	proteomics_log	4183075	4183170	+	1	30	R.FGEMEVWALEAYGAAYTLQEMLTVKSDDVNGR.T	36
PLOG+9034	proteomics_log	4183075	4183149	+	1	137	R.FGEMEVWALEAYGAAYTLQEMLTVK.S	29
PLOG+9035	proteomics_log	4183177	4183251	+	1	2	K.MYKNIVDGNHQMEPGMPESFNVLLK.E	29
PLOG+9036	proteomics_log	4183177	4183260	+	1	2	K.M*YKNIVDGNHQM*EPGM*PESFNVLLKEIR.S	35
PLOG+9037	proteomics_log	4183177	4183260	+	1	106	K.MYKNIVDGNHQMEPGMPESFNVLLKEIR.S	32
PLOG+9038	proteomics_log	4183186	4183251	+	1	21	K.NIVDGNHQMEPGMPESFNVLLK.E	26
PLOG+9039	proteomics_log	4183186	4183260	+	1	112	K.NIVDGNHQMEPGMPESFNVLLKEIR.S	29
PLOG+9040	proteomics_log	4183261	4183293	+	1	15	R.SLGINIELEDE.-	15
PLOG+9041	proteomics_log	4183391	4183435	+	2	2	K.FLKAQTKTEEFDAIK.I	19
PLOG+9042	proteomics_log	4183391	4183465	+	2	87	K.FLKAQTKTEEFDAIKIALASPD MIR.S	29
PLOG+9043	proteomics_log	4183400	4183465	+	2	18	K.AQTKTEEFDAIKIALASPD MIR.S	26
PLOG+9044	proteomics_log	4183412	4183465	+	2	5	K.TEEFDAIKIALASPD MIR.S	23
PLOG+9045	proteomics_log	4183412	4183465	+	2	128	K.TEEFDAIKIALASPD MIR.S	22
PLOG+9046	proteomics_log	4183436	4183465	+	2	39	K.IALASPD MIR.S	14
PLOG+9047	proteomics_log	4183439	4183513	+	2	2	I.ALASPD MIR*IRSWSFGEVKKPETIN YR.T	30
PLOG+9048	proteomics_log	4183466	4183513	+	2	52	R.SWSFGEVKKPETIN YR.T	20
PLOG+9049	proteomics_log	4183676	4183726	+	2	13	R.M*GHIELASPTAHIWFLK.S	22
PLOG+9050	proteomics_log	4183676	4183726	+	2	154	R.MGHIELASPTAHIWFLK.S	21
PLOG+9051	proteomics_log	4183742	4183783	+	2	3	R.IGLLDMPLRDIER.V	18
PLOG+9052	proteomics_log	4183742	4183840	+	2	24	R.IGLLDMPLRDIERVLYFESYVVIEGGMTNLER.Q	37
PLOG+9053	proteomics_log	4183841	4183942	+	2	2	R.QQILTEEQYLDAL EEFGDEFDAKM*GAEAIQALLK.S	39
PLOG+9054	proteomics_log	4183841	4183909	+	2	28	R.QQILTEEQYLDAL EEFGDEFDAK.M	27
PLOG+9055	proteomics_log	4183841	4183942	+	2	45	R.QQILTEEQYLDAL EEFGDEFDAKMGA EAIQALLK.S	38
PLOG+9056	proteomics_log	4183910	4183942	+	2	30	K.MGA EAIQALLK.S	15
PLOG+9057	proteomics_log	4184033	4184149	+	2	40	R.IKLLEAFVQSGNKPEWMILT VLPVLPDLRPLVPLDGGR.F	43
PLOG+9058	proteomics_log	4184039	4184149	+	2	109	K.LLEAFVQSGNKPEWMILT VLPVLPDLRPLVPLDGGR.F	41

PLOG+9059	proteomics_log	4184150	4184182	+	2	80	R.FATSDLNDLYR.R	15
PLOG+9060	proteomics_log	4184213	4184251	+	2	13	K.RLLDLAAPDIIVR.N	17
PLOG+9061	proteomics_log	4184216	4184263	+	2	2	R.LLDLAAPDIIVRNEKR.M	20
PLOG+9062	proteomics_log	4184216	4184260	+	2	18	R.LLDLAAPDIIVRNEK.R	19
PLOG+9063	proteomics_log	4184216	4184251	+	2	188	R.LLDLAAPDIIVR.N	16
PLOG+9064	proteomics_log	4184261	4184308	+	2	31	K.RMLQEAVDALLDNGRR.G	20
PLOG+9065	proteomics_log	4184264	4184308	+	2	31	R.MLQEAVDALLDNGRR.G	19
PLOG+9066	proteomics_log	4184264	4184314	+	2	31	R.MLQEAVDALLDNGRRGR.A	21
PLOG+9067	proteomics_log	4184264	4184305	+	2	75	R.MLQEAVDALLDNGR.R	18
PLOG+9068	proteomics_log	4184315	4184368	+	2	3	R.AITGSNKRPLKSLADMIK.G	22
PLOG+9069	proteomics_log	4184315	4184383	+	2	6	R.AITGSNKRPLKSLADMIKKGQGR.F	27
PLOG+9070	proteomics_log	4184315	4184374	+	2	7	R.AITGSNKRPLKSLADMIKKGK.Q	24
PLOG+9071	proteomics_log	4184315	4184347	+	2	26	R.AITGSNKRPLK.S	15
PLOG+9072	proteomics_log	4184384	4184407	+	2	4	R.FRQNLGK.R	12
PLOG+9073	proteomics_log	4184384	4184410	+	2	20	R.FRQNLGKR.V	13
PLOG+9074	proteomics_log	4184408	4184428	+	2	57	K.RVDYSGR.S	11
PLOG+9075	proteomics_log	4184429	4184458	+	2	46	R.SVITVGPYLR.L	14
PLOG+9076	proteomics_log	4184483	4184536	+	2	3	K.KM*ALELFKPFYIGKLELR.G	23
PLOG+9077	proteomics_log	4184483	4184524	+	2	5	K.KM*ALELFKPFYIGK.L	19
PLOG+9078	proteomics_log	4184483	4184536	+	2	57	K.KMALELFKPFYIGKLELR.G	22
PLOG+9079	proteomics_log	4184483	4184524	+	2	59	K.KMALELFKPFYIGK.L	18
PLOG+9080	proteomics_log	4184486	4184536	+	2	3	K.MALELFKPFYIGKLELR.G	21
PLOG+9081	proteomics_log	4184486	4184524	+	2	40	K.MALELFKPFYIGK.L	17
PLOG+9082	proteomics_log	4184537	4184569	+	2	6	R.GLATTIKAACK.M	15
PLOG+9083	proteomics_log	4184537	4184566	+	2	7	R.GLATTIKAACK.K	14
PLOG+9084	proteomics_log	4184567	4184623	+	2	11	K.KMVEREEAVVWDILDEVIR.E	23
PLOG+9085	proteomics_log	4184567	4184647	+	2	22	K.KMVEREEAVVWDILDEVIREHPVLLNR.A	31
PLOG+9086	proteomics_log	4184570	4184623	+	2	5	K.MVEREEAVVWDILDEVIR.E	22
PLOG+9087	proteomics_log	4184570	4184647	+	2	18	K.MVEREEAVVWDILDEVIREHPVLLNR.A	30
PLOG+9088	proteomics_log	4184582	4184623	+	2	10	R.EEAVVWDILDEVIR.E	18
PLOG+9089	proteomics_log	4184582	4184647	+	2	27	R.EEAVVWDILDEVIREHPVLLNR.A	26
PLOG+9090	proteomics_log	4184666	4184707	+	2	236	R.LGIQAFEPVliegK.A	18
PLOG+9091	proteomics_log	4184816	4184917	+	2	61	R.ALMMSTNNILSPANGAPIIVPSQDVVLGLYIMTR.D	38
PLOG+9092	proteomics_log	4184987	4185013	+	2	39	R.SGLASLHAR.V	13
PLOG+9093	proteomics_log	4185026	4185070	+	2	5	R.ITEYEKDANGELVAK.T	19
PLOG+9094	proteomics_log	4185071	4185100	+	2	2	K.TSLKDTTVGR.A	14
PLOG+9095	proteomics_log	4185101	4185127	+	2	11	R.AILWMIVPK.G	13
PLOG+9096	proteomics_log	4185203	4185274	+	2	26	R.ILGLKPTVIFADQIMYTFAYAAAR.S	28
PLOG+9097	proteomics_log	4185224	4185319	+	2	2	T.VIFADQIM*YTFAYAAARSGASVGDMMVPEK.K	37
PLOG+9098	proteomics_log	4185275	4185322	+	2	15	R.SGASVGDMMVPEKK.H	20
PLOG+9099	proteomics_log	4185320	4185406	+	2	3	K.KHEIISEAEVAEIQEQFQSGLVGTAGER.Y	33
PLOG+9100	proteomics_log	4185323	4185406	+	2	66	K.HEIISEAEVAEIQEQFQSGLVGTAGER.Y	32
PLOG+9101	proteomics_log	4185407	4185457	+	2	9	R.YNKVIDIWAAANDRVSK.A	21
PLOG+9102	proteomics_log	4185416	4185448	+	2	18	K.VIDIWAAANDR.V	15
PLOG+9103	proteomics_log	4185458	4185517	+	2	2	K.AM*M*DNLQTTETVINRDGQEEK.Q	26
PLOG+9104	proteomics_log	4185458	4185499	+	2	6	K.AMMDNLQTTETVINR.D	18

PLOG+9105	proteomics_log	4185518	4185565	+	2	107	K.QVSFNSIYMMADSGAR.G	20
PLOG+9106	proteomics_log	4185566	4185604	+	2	22	R.GSAAQIRQLAGMR.G	17
PLOG+9107	proteomics_log	4185605	4185664	+	2	5	R.GLM*AKPDGSIETPITANFR.E	25
PLOG+9108	proteomics_log	4185605	4185712	+	2	33	R.GLM*AKPDGSIETPITANFREGLNVLQYFISTHGAR.K	41
PLOG+9109	proteomics_log	4185605	4185664	+	2	113	R.GLM*AKPDGSIETPITANFR.E	24
PLOG+9110	proteomics_log	4185605	4185712	+	2	172	R.GLM*AKPDGSIETPITANFREGLNVLQYFISTHGAR.K	40
PLOG+9111	proteomics_log	4185635	4185712	+	2	2	I.IETPITANFREGLNVLQYFISTHGAR.K	30
PLOG+9112	proteomics_log	4185665	4185712	+	2	104	R.EGLNVLQYFISTHGAR.K	20
PLOG+9113	proteomics_log	4185713	4185769	+	2	8	R.KGLADTALKTANSGYLTRR.L	23
PLOG+9114	proteomics_log	4185713	4185766	+	2	52	R.KGLADTALKTANSGYLTR.R	22
PLOG+9115	proteomics_log	4185713	4185739	+	2	110	R.KGLADTALK.T	13
PLOG+9116	proteomics_log	4185740	4185766	+	2	113	K.TANSGYLTR.R	13
PLOG+9117	proteomics_log	4185887	4185952	+	2	193	R.VLGRVTAEDVLKPGTADILVPR.N	26
PLOG+9118	proteomics_log	4185899	4185952	+	2	317	R.VTAEDVLKPGTADILVPR.N	22
PLOG+9119	proteomics_log	4185953	4186021	+	2	2	R.NTLLHEQWCDLLEENSVDVAVKVR.S	27
PLOG+9120	proteomics_log	4185957	4185995	+	3	2	T.RCCTNSGVTCWKR.T	17
PLOG+9121	proteomics_log	4186076	4186171	+	2	21	R.DLARGHIINKGEAIGVIAAQSIGEPGTQLTMR.T	36
PLOG+9122	proteomics_log	4186088	4186171	+	2	26	R.GHIINKGEAIGVIAAQSIGEPGTQLTM*R.T	33
PLOG+9123	proteomics_log	4186088	4186171	+	2	201	R.GHIINKGEAIGVIAAQSIGEPGTQLTMR.T	32
PLOG+9124	proteomics_log	4186172	4186201	+	2	197	R.TFHIGGAASR.A	14
PLOG+9125	proteomics_log	4186202	4186264	+	2	7	R.AAAESSIQVKNKGSIKLSNVK.S	25
PLOG+9126	proteomics_log	4186202	4186231	+	2	43	R.AAAESSIQVK.N	14
PLOG+9127	proteomics_log	4186232	4186264	+	2	135	K.NKGSIKLSNVK.S	15
PLOG+9128	proteomics_log	4186250	4186306	+	2	10	K.LSNVKSVMNSSGKLVITSR.N	23
PLOG+9129	proteomics_log	4186265	4186288	+	2	2	K.SVMNSSGK.L	12
PLOG+9130	proteomics_log	4186265	4186306	+	2	108	K.SVMNSSGKLVITSR.N	18
PLOG+9131	proteomics_log	4186307	4186348	+	2	2	R.NTELKLIDFGRTK.E	18
PLOG+9132	proteomics_log	4186307	4186387	+	2	7	R.NTELKLIDFGRTKESYKVPYGAVLAK.G	31
PLOG+9133	proteomics_log	4186307	4186342	+	2	101	R.NTELKLIDFGR.T	16
PLOG+9134	proteomics_log	4186343	4186480	+	2	2	R.TKESYKVPYGAVLAKGDGEQVAGGETVANWDPHTM*PVITEVSGFVR.F	51
PLOG+9135	proteomics_log	4186343	4186387	+	2	10	R.TKESYKVPYGAVLAK.G	19
PLOG+9136	proteomics_log	4186349	4186387	+	2	3	K.ESYKVPYGAVLAK.G	17
PLOG+9137	proteomics_log	4186388	4186480	+	2	51	K.GDGEQVAGGETVANWDPHTMPVITEVSGFVR.F	35
PLOG+9138	proteomics_log	4186481	4186573	+	2	3	R.FTDMIDGQTITRQTDELTLGLSSLVVLDSAER.T	35
PLOG+9139	proteomics_log	4186481	4186516	+	2	11	R.FTDM*IDGQTITR.Q	17
PLOG+9140	proteomics_log	4186481	4186516	+	2	206	R.FTDMIDGQTITR.Q	16
PLOG+9141	proteomics_log	4186490	4186573	+	2	101	D.MIDGQTITRQTDELTLGLSSLVVLDSAER.T	32
PLOG+9142	proteomics_log	4186517	4186573	+	2	267	R.QTDELTLGLSSLVVLDSAER.T	23
PLOG+9143	proteomics_log	4186574	4186684	+	2	20	R.TAGGKDLRPALKIVDAQGNDVLIPTDMPAQYFLPGK.A	41
PLOG+9144	proteomics_log	4186574	4186609	+	2	40	R.TAGGKDLRPALK.I	16
PLOG+9145	proteomics_log	4186610	4186684	+	2	6	K.IVDAQGNDVLIPTDMPAQYFLPGK.A	30
PLOG+9146	proteomics_log	4186610	4186684	+	2	66	K.IVDAQGNDVLIPTDMPAQYFLPGK.A	29
PLOG+9147	proteomics_log	4186685	4186792	+	2	3	K.AIVQLEDGVQISSGDTLARIPQESGGTKDITGGLPR.V	40
PLOG+9148	proteomics_log	4186685	4186741	+	2	13	K.AIVQLEDGVQISSGDTLAR.I	23
PLOG+9149	proteomics_log	4186742	4186768	+	2	2	R.IPQESGGTK.D	13
PLOG+9150	proteomics_log	4186742	4186792	+	2	159	R.IPQESGGTKDITGGLPR.V	21

PLOG+9151	proteomics_log	4186784	4186891	+	2	2	G.LPRVADLFEARRPKEPAILAEISGIVSFGKETKGR.R	40
PLOG+9152	proteomics_log	4186793	4186882	+	2	33	R.VADLFEARRPKEPAILAEISGIVSFGKETK.G	34
PLOG+9153	proteomics_log	4186793	4186816	+	2	215	R.VADLFEAR.R	12
PLOG+9154	proteomics_log	4186817	4186888	+	2	3	R.RPKEPAILAEISGIVSFGKETKGR.R	28
PLOG+9155	proteomics_log	4186817	4186873	+	2	39	R.RPKEPAILAEISGIVSFGK.E	23
PLOG+9156	proteomics_log	4186817	4186882	+	2	298	R.RPKEPAILAEISGIVSFGKETK.G	26
PLOG+9157	proteomics_log	4186892	4186948	+	2	5	R.RLVITPVDGSDPYEEM*IPK.W	24
PLOG+9158	proteomics_log	4186892	4186948	+	2	21	R.RLVITPVDGSDPYEEMIPK.W	23
PLOG+9159	proteomics_log	4186892	4186954	+	2	94	R.RLVITPVDGSDPYEEMIPKWR.Q	25
PLOG+9160	proteomics_log	4186895	4186933	+	2	2	R.LVITPVDGSDPYE.E	17
PLOG+9161	proteomics_log	4186895	4186948	+	2	11	R.LVITPVDGSDPYEEM*IPK.W	23
PLOG+9162	proteomics_log	4186895	4186948	+	2	156	R.LVITPVDGSDPYEEMIPK.W	22
PLOG+9163	proteomics_log	4186949	4186981	+	2	5	K.WRQLNVFEGEGER.V	15
PLOG+9164	proteomics_log	4186955	4186981	+	2	5	R.QLNVFEGEGER.V	13
PLOG+9165	proteomics_log	4186955	4187038	+	2	29	R.QLNVFEGERVERGDVISDGPEAPHDILR.L	32
PLOG+9166	proteomics_log	4186982	4187038	+	2	33	R.VERGDVISDGPEAPHDILR.L	23
PLOG+9167	proteomics_log	4186991	4187038	+	2	64	R.GDVISDGPEAPHDILR.L	20
PLOG+9168	proteomics_log	4187039	4187065	+	2	17	R.LRGVHAVTR.Y	13
PLOG+9169	proteomics_log	4187045	4187098	+	2	2	R.GVHAVTRYIVNEVQDVYR.L	22
PLOG+9170	proteomics_log	4187045	4187065	+	2	7	R.GVHAVTR.Y	11
PLOG+9171	proteomics_log	4187066	4187113	+	2	4	R.YIVNEVQDVYRLQGVK.I	20
PLOG+9172	proteomics_log	4187066	4187098	+	2	49	R.YIVNEVQDVYR.L	15
PLOG+9173	proteomics_log	4187066	4187146	+	2	56	R.YIVNEVQDVYRLQGVKINDKHIEVIVR.Q	31
PLOG+9174	proteomics_log	4187099	4187146	+	2	51	R.LQGVKINDKHIEVIVR.Q	20
PLOG+9175	proteomics_log	4187114	4187146	+	2	96	K.INDKHIEVIVR.Q	15
PLOG+9176	proteomics_log	4187159	4187230	+	2	4	R.KATIVNAGSSDFLEGEQVEYSRVK.I	28
PLOG+9177	proteomics_log	4187159	4187224	+	2	155	R.KATIVNAGSSDFLEGEQVEYSR.V	26
PLOG+9178	proteomics_log	4187162	4187224	+	2	2	K.ATIVNAGSSDFLEGEQVEYSR.V	25
PLOG+9179	proteomics_log	4187225	4187305	+	2	2	R.VKIANRELEANGKVGATYSRDLGITK.A	31
PLOG+9180	proteomics_log	4187225	4187263	+	2	4	R.VKIANRELEANGK.V	17
PLOG+9181	proteomics_log	4187225	4187284	+	2	37	R.VKIANRELEANGKVGATYSR.D	24
PLOG+9182	proteomics_log	4187231	4187305	+	2	4	K.IANRELEANGKVGATYSRDLGITK.A	29
PLOG+9183	proteomics_log	4187231	4187284	+	2	6	K.IANRELEANGKVGATYSR.D	22
PLOG+9184	proteomics_log	4187231	4187263	+	2	77	K.IANRELEANGK.V	15
PLOG+9185	proteomics_log	4187285	4187305	+	2	2	R.DLLGITK.A	11
PLOG+9186	proteomics_log	4187306	4187362	+	2	108	K.ASLATESFISAASFQETTR.V	23
PLOG+9187	proteomics_log	4187363	4187392	+	2	33	R.VLTEAAVAGK.R	14
PLOG+9188	proteomics_log	4187363	4187395	+	2	72	R.VLTEAAVAGKR.D	15
PLOG+9189	proteomics_log	4187363	4187437	+	2	107	R.VLTEAAVAGKRDELRLKENVIVGR.L	29
PLOG+9190	proteomics_log	4187393	4187437	+	2	6	K.RDELRLKENVIVGR.L	19
PLOG+9191	proteomics_log	4187396	4187437	+	2	188	R.DELRLKENVIVGR.L	18
PLOG+9192	proteomics_log	4187408	4187437	+	2	189	R.GLKENVIVGR.L	14
PLOG+9193	proteomics_log	4187438	4187479	+	2	208	R.LIPAGTGAYYHQDR.M	18
PLOG+9194	proteomics_log	4187444	4187479	+	2	5	I.PAGTGAYYHQDR.M	16
PLOG+9195	proteomics_log	4187486	4187593	+	2	67	R.RRAAGEAPAAPQVTAEDASASLAELLNAGLGGSDNE.-	40
PLOG+9196	proteomics_log	4187489	4187593	+	2	118	R.RAAGEAPAAPQVTAEDASASLAELLNAGLGGSDNE.-	39

PLOG+9197	proteomics_log	4187492	4187593	+	2	166	R.AAGEAPAAPQVTAEDASASLAELLNAGLGGSDNE.-	38
PLOG+9198	proteomics_log	4195772	4195819	+	2	25	R.ALLRQPVDVTPVWMMR.Q	20
PLOG+9199	proteomics_log	4195937	4196032	+	2	3	R.YPLDAAILFSDILTVPDAMGLGLYFEAGEGPR.F	36
PLOG+9200	proteomics_log	4196057	4196125	+	2	7	K.ADVDKLPIPDPEDELGYVMNAVR.T	27
PLOG+9201	proteomics_log	4196138	4196224	+	2	7	R.ELKGEVPLIGFSGSPWTLATYMVEGGSSK.A	33
PLOG+9202	proteomics_log	4196363	4196464	+	2	2	D.TWGGVLTGRDYQQFSLYMHKIVDGLLRENDGRR.V	38
PLOG+9203	proteomics_log	4196780	4196800	+	2	3	R.LSEQYHR.-	11
PLOG+9204	proteomics_log	4198304	4198342	+	2	36	L.M*NKTQLIDVIAEK.A	18
PLOG+9205	proteomics_log	4198304	4198357	+	2	100	L.M*NKTQLIDVIAEKAELSK.T	23
PLOG+9206	proteomics_log	4198304	4198369	+	2	193	L.M*NKTQLIDVIAEKAELSKTQAK.A	27
PLOG+9207	proteomics_log	4198304	4198342	+	2	436	L.MNKTQLIDVIAEK.A	17
PLOG+9208	proteomics_log	4198304	4198357	+	2	455	L.MNKTQLIDVIAEKAELSK.T	22
PLOG+9209	proteomics_log	4198304	4198369	+	2	456	L.MNKTQLIDVIAEKAELSKTQAK.A	26
PLOG+9210	proteomics_log	4198313	4198357	+	2	37	K.TQLIDVIAEKAELSK.T	19
PLOG+9211	proteomics_log	4198313	4198369	+	2	54	K.TQLIDVIAEKAELSKTQAK.A	23
PLOG+9212	proteomics_log	4198313	4198342	+	2	113	K.TQLIDVIAEK.A	14
PLOG+9213	proteomics_log	4198325	4198369	+	2	2	I.DVIAEKAELSKTQAK.A	19
PLOG+9214	proteomics_log	4198340	4198456	+	2	2	E.KAELSKTQAKAALESTLAAITESLKEGDAVQLVGFGTK.V	43
PLOG+9215	proteomics_log	4198343	4198468	+	2	6	K.AELSKTQAKAALESTLAAITESLKEGDAVQLVGFGTKVNH.R.A	46
PLOG+9216	proteomics_log	4198343	4198456	+	2	7	K.AELSKTQAKAALESTLAAITESLKEGDAVQLVGFGTK.V	42
PLOG+9217	proteomics_log	4198343	4198369	+	2	77	K.AELSKTQAK.A	13
PLOG+9218	proteomics_log	4198358	4198468	+	2	4	K.TQAKAALESTLAAITESLKEGDAVQLVGFGTKVNH.R.A	41
PLOG+9219	proteomics_log	4198358	4198456	+	2	14	K.TQAKAALESTLAAITESLKEGDAVQLVGFGTK.V	37
PLOG+9220	proteomics_log	4198370	4198438	+	2	2	K.AALESTLAAITESLKEGDAVQLV.G	27
PLOG+9221	proteomics_log	4198370	4198453	+	2	3	K.AALESTLAAITESLKEGDAVQLVGFGTK	32
PLOG+9222	proteomics_log	4198370	4198414	+	2	91	K.AALESTLAAITESL.K.E	19
PLOG+9223	proteomics_log	4198370	4198477	+	2	288	K.AALESTLAAITESLKEGDAVQLVGFGTKVNH.RAER.T	40
PLOG+9224	proteomics_log	4198370	4198456	+	2	671	K.AALESTLAAITESLKEGDAVQLVGFGTK.V	33
PLOG+9225	proteomics_log	4198370	4198468	+	2	712	K.AALESTLAAITESLKEGDAVQLVGFGTKVNH.R.A	37
PLOG+9226	proteomics_log	4198391	4198468	+	2	7	L.AAITESLKEGDAVQLVGFGTKVNH.R.A	30
PLOG+9227	proteomics_log	4198400	4198456	+	2	2	I.TESLKEGDAVQLVGFGTK.V	23
PLOG+9228	proteomics_log	4198415	4198456	+	2	9	K.EGDAVQLVGFGTK.V	18
PLOG+9229	proteomics_log	4198469	4198513	+	2	11	R.AERTGRNPQTGKEIK.I	19
PLOG+9230	proteomics_log	4198469	4198552	+	2	16	R.AERTGRNPQTGKEIKIAAANVPFVSGK.A	32
PLOG+9231	proteomics_log	4198478	4198513	+	2	176	R.TGRNPQTGKEIK.I	16
PLOG+9232	proteomics_log	4198478	4198552	+	2	251	R.TGRNPQTGKEIKIAAANVPFVSGK.A	29
PLOG+9233	proteomics_log	4198487	4198552	+	2	2	R.NPQTGKEIKIAAANVPFVSGK.A	26
PLOG+9234	proteomics_log	4198487	4198513	+	2	23	R.NPQTGKEIK.I	13
PLOG+9235	proteomics_log	4198505	4198552	+	2	33	K.EIKIAAANVPFVSGK.A	20
PLOG+9236	proteomics_log	4198514	4198573	+	2	105	K.IAAANVPFVSGKALKDAVK.-	24
PLOG+9237	proteomics_log	4198514	4198552	+	2	497	K.IAAANVPFVSGK.A	17
PLOG+9238	proteomics_log	4198553	4198573	+	2	3	K.ALKDAVK.-	11
PLOG+9239	proteomics_log	4203067	4203111	+	1	2	L.GFRIAKAAVKFNLR.I	19
PLOG+9240	proteomics_log	4205268	4205330	+	3	3	R.LDLMFFHNGIVLAATAQNATM.Y	25
PLOG+9241	proteomics_log	4211359	4211427	+	1	10	R.LLIANFFVAEKVLQDLVLQLHPR.S	27
PLOG+9242	proteomics_log	4212306	4212383	+	3	14	M.PIRVPDELPAVNFLREENVFMVTTSR.A	30

PLOG+9243	proteomics_log	4212441	4212470	+	3	3	K.KIETENQFLR.L	14
PLOG+9244	proteomics_log	4212471	4212515	+	3	39	R.LLSNSPLQVDIQLLR.I	19
PLOG+9245	proteomics_log	4212987	4213049	+	3	28	R.IAFVTGHPEYDAQTLAQEFFR.D	25
PLOG+9246	proteomics_log	4213137	4213208	+	3	2	R.SHGNLLFTNWLNYVYQITPYDLR.H	28
PLOG+9247	proteomics_log	4213504	4213566	+	1	8	M.TEQATTTDELAFTRPYGEQEK.Q	25
PLOG+9248	proteomics_log	4213504	4213632	+	1	80	M.TEQATTTDELAFTRPYGEQEKQILTAEAVEFLTELVTHTFTPQR.N	47
PLOG+9249	proteomics_log	4213567	4213638	+	1	2	K.QILTAEAVEFLTELVTHTFTPQRNK.L	28
PLOG+9250	proteomics_log	4213567	4213653	+	1	7	K.QILTAEAVEFLTELVTHTFTPQRNKLLAAR.I	33
PLOG+9251	proteomics_log	4213567	4213632	+	1	250	K.QILTAEAVEFLTELVTHTFTPQR.N	26
PLOG+9252	proteomics_log	4213573	4213632	+	1	2	I.LTAEAVEFLTELVTHTFTPQR.N	24
PLOG+9253	proteomics_log	4213633	4213653	+	1	4	R.NKLLAAR.I	11
PLOG+9254	proteomics_log	4213654	4213722	+	1	11	R.IQQQQDIDNGTLPDFISETASIR.D	27
PLOG+9255	proteomics_log	4213654	4213743	+	1	53	R.IQQQQDIDNGTLPDFISETASIRDADWKIR.G	34
PLOG+9256	proteomics_log	4213654	4213737	+	1	53	R.IQQQQDIDNGTLPDFISETASIRDADWK.I	32
PLOG+9257	proteomics_log	4213738	4213770	+	1	2	K.IRGIPADLEDR.R	15
PLOG+9258	proteomics_log	4213771	4213803	+	1	6	R.RVEITGPVERK.M	15
PLOG+9259	proteomics_log	4213771	4213800	+	1	14	R.RVEITGPVERK.K	14
PLOG+9260	proteomics_log	4213774	4213803	+	1	2	R.VEITGPVERK.M	14
PLOG+9261	proteomics_log	4213774	4213800	+	1	3	R.VEITGPVERK.K	13
PLOG+9262	proteomics_log	4213801	4213836	+	1	2	R.KM*VINALNANVK.V	17
PLOG+9263	proteomics_log	4213801	4213836	+	1	128	R.KMVINALNANVK.V	16
PLOG+9264	proteomics_log	4213804	4213836	+	1	20	K.MVINALNANVK.V	15
PLOG+9265	proteomics_log	4213837	4213884	+	1	4	K.VFMADFEDSLAPDWNK.V	20
PLOG+9266	proteomics_log	4213837	4213911	+	1	26	K.VFMADFEDSLAPDWNKVIDGQINLR.D	29
PLOG+9267	proteomics_log	4213912	4213956	+	1	3	R.DAVNGTISYTNEAGK.I	19
PLOG+9268	proteomics_log	4214026	4214115	+	1	6	K.HVTWRGEAIPGSLDFALYFFHNYQALLAK.G	34
PLOG+9269	proteomics_log	4214041	4214115	+	1	2	R.GEAIPGSLDFALYFFHNYQALLAK.G	29
PLOG+9270	proteomics_log	4214146	4214220	+	1	3	K.TQSWQEAAWWSEVFSYAEDRFNLPR.G	29
PLOG+9271	proteomics_log	4214233	4214298	+	1	2	K.ATLLIETLPAVFQMDEILHALR.D	26
PLOG+9272	proteomics_log	4214551	4214658	+	1	11	K.ADKSLEANNHGDGTWIAHPGLADTAMAVFNDILGSR.K	40
PLOG+9273	proteomics_log	4214560	4214661	+	1	4	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSRK.N	38
PLOG+9274	proteomics_log	4214560	4214658	+	1	75	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSR.K	37
PLOG+9275	proteomics_log	4214659	4214682	+	1	3	R.KNQLEVMR.E	12
PLOG+9276	proteomics_log	4214866	4214898	+	1	13	R.TSIWQWIHHQK.T	15
PLOG+9277	proteomics_log	4214899	4214928	+	1	9	K.TLSNGKPVTK.A	14
PLOG+9278	proteomics_log	4214929	4214994	+	1	5	K.ALFRQMLGEEMKVIASELGEER.F	26
PLOG+9279	proteomics_log	4214941	4214994	+	1	26	R.QMLGEEMKVIASELGEER.F	22
PLOG+9280	proteomics_log	4214965	4214994	+	1	19	K.VIASELGEER.F	14
PLOG+9281	proteomics_log	4215028	4215099	+	1	4	R.LM*EQITTSDELIDFLTLPGYRLLA.-	29
PLOG+9282	proteomics_log	4215028	4215099	+	1	8	R.LMEQITTSDELIDFLTLPGYRLLA.-	28
PLOG+9283	proteomics_log	4215028	4215090	+	1	25	R.LM*EQITTSDELIDFLTLPGYR.L	26
PLOG+9284	proteomics_log	4215028	4215090	+	1	149	R.LMEQITTSDELIDFLTLPGYR.L	25
PLOG+9285	proteomics_log	4215132	4215188	+	3	4	H.M*KTRTQQIEELQKEWTQPR.W	24
PLOG+9286	proteomics_log	4215132	4215188	+	3	95	H.MKTRTQQIEELQKEWTQPR.W	23
PLOG+9287	proteomics_log	4215138	4215188	+	3	2	K.TRTQQIEELQKEWTQPR.W	21
PLOG+9288	proteomics_log	4215144	4215239	+	3	2	R.TQQIEELQKEWTQPRWEGITRYPYSAEDVVKLR.G	36

PLOG+9289	proteomics_log	4215144	4215233	+	3	2	R.TQQIEELQKEWTQPRWEGITRYPYSAEDVVK.L	34
PLOG+9290	proteomics_log	4215144	4215170	+	3	39	R.TQQIEELQK.E	13
PLOG+9291	proteomics_log	4215144	4215188	+	3	216	R.TQQIEELQKEWTQPR.W	19
PLOG+9292	proteomics_log	4215189	4215221	+	3	11	R.WEGITRYPYSAE.D	15
PLOG+9293	proteomics_log	4215189	4215239	+	3	42	R.WEGITRYPYSAEDVVKLR.G	21
PLOG+9294	proteomics_log	4215189	4215233	+	3	173	R.WEGITRYPYSAEDVVK.L	19
PLOG+9295	proteomics_log	4215234	4215287	+	3	2	K.LRGSVNPECTLAQLGAAK.M	22
PLOG+9296	proteomics_log	4215297	4215317	+	3	111	R.LLHGESK.K	11
PLOG+9297	proteomics_log	4215297	4215377	+	3	222	R.LLHGESKKGYNLSLGGTGGQALQQA.A	31
PLOG+9298	proteomics_log	4215318	4215368	+	3	6	K.KGYINSLGALTGGQALQ.Q	21
PLOG+9299	proteomics_log	4215318	4215377	+	3	306	K.KGYINSLGALTGGQALQQA.A	24
PLOG+9300	proteomics_log	4215321	4215368	+	3	2	K.GYINSLGALTGGQALQ.Q	20
PLOG+9301	proteomics_log	4215321	4215377	+	3	29	K.GYINSLGALTGGQALQQA.A	23
PLOG+9302	proteomics_log	4215342	4215377	+	3	3	G.ALTGGQALQQA.A	16
PLOG+9303	proteomics_log	4215378	4215500	+	3	14	K.AGIEAVYLSGWQVAADANLAASMYPDQSLYPANSVPAVVER.I	45
PLOG+9304	proteomics_log	4215519	4215650	+	3	18	R.RADQIQWSAGIEPGDPRYVDYFLPIVADAEAGFGGVLNAFELMK.A	48
PLOG+9305	proteomics_log	4215519	4215569	+	3	51	R.RADQIQWSAGIEPGDPR.Y	21
PLOG+9306	proteomics_log	4215522	4215650	+	3	4	R.ADQIQWSAGIEPGDPRYVDYFLPIVADAEAGFGGVLNAFELM*K.A	48
PLOG+9307	proteomics_log	4215522	4215569	+	3	66	R.ADQIQWSAGIEPGDPR.Y	20
PLOG+9308	proteomics_log	4215522	4215650	+	3	135	R.ADQIQWSAGIEPGDPRYVDYFLPIVADAEAGFGGVLNAFELMK.A	47
PLOG+9309	proteomics_log	4215570	4215650	+	3	231	R.YVDYFLPIVADAEAGFGGVLNAFELM*K.A	32
PLOG+9310	proteomics_log	4215570	4215650	+	3	1023	R.YVDYFLPIVADAEAGFGGVLNAFELMK.A	31
PLOG+9311	proteomics_log	4215582	4215650	+	3	4	Y.FLPIVADAEAGFGGVLNAFELM*K.A	28
PLOG+9312	proteomics_log	4215582	4215650	+	3	15	Y.FLPIVADAEAGFGGVLNAFELMK.A	27
PLOG+9313	proteomics_log	4215588	4215650	+	3	4	L.PIVADAEAGFGGVLNAFELMK.A	25
PLOG+9314	proteomics_log	4215648	4215713	+	3	23	M.KAM*IEAGAAAVHFEDQLASVKK.C	27
PLOG+9315	proteomics_log	4215651	4215746	+	3	3	K.AMIEAGAAAVHFEDQLASVKKCGHM*GGKVLV.P.T	37
PLOG+9316	proteomics_log	4215651	4215710	+	3	9	K.AM*IEAGAAAVHFEDQLASVK.K	25
PLOG+9317	proteomics_log	4215651	4215740	+	3	18	K.AMIEAGAAAVHFEDQLASVKKCGHM*GGKVL.V	35
PLOG+9318	proteomics_log	4215651	4215713	+	3	23	K.AM*IEAGAAAVHFEDQLASVKK.C	26
PLOG+9319	proteomics_log	4215651	4215713	+	3	133	K.AMIEAGAAAVHFEDQLASVKK.C	25
PLOG+9320	proteomics_log	4215651	4215710	+	3	140	K.AMIEAGAAAVHFEDQLASVK.K	24
PLOG+9321	proteomics_log	4215735	4215770	+	3	3	K.VLVPTQEAIQKL.V	16
PLOG+9322	proteomics_log	4215735	4215767	+	3	83	K.VLVPTQEAIQK.L	15
PLOG+9323	proteomics_log	4215735	4215782	+	3	224	K.VLVPTQEAIQKLVAAR.L	20
PLOG+9324	proteomics_log	4215741	4215782	+	3	5	L.VPTQEAIQKLVAAR.L	18
PLOG+9325	proteomics_log	4215744	4215782	+	3	21	V.PTQEAIQKLVAAR.L	17
PLOG+9326	proteomics_log	4215783	4215818	+	3	10	R.LAADVTGVPTLL.V	16
PLOG+9327	proteomics_log	4215783	4215827	+	3	500	R.LAADVTGVPTLLVAR.T	19
PLOG+9328	proteomics_log	4215867	4215902	+	3	4	C.DPYDSEFITGER.T	16
PLOG+9329	proteomics_log	4215870	4215902	+	3	8	D.PYDSEFITGER.T	15
PLOG+9330	proteomics_log	4215876	4215902	+	3	6	Y.DSEFITGER.T	13
PLOG+9331	proteomics_log	4215903	4215956	+	3	163	R.TSEGFRRTHAGIEQAISR.G	22
PLOG+9332	proteomics_log	4215921	4215956	+	3	6	F.RTHAGIEQAISR.G	16
PLOG+9333	proteomics_log	4215924	4215956	+	3	202	R.THAGIEQAISR.G	15
PLOG+9334	proteomics_log	4216032	4216055	+	3	26	R.FAQAIHAK.Y	12

PLOG+9335	proteomics_log	4216032	4216067	+	3	27	R.FAQAIHAKYPGK.L	16
PLOG+9336	proteomics_log	4216110	4216169	+	3	9	K.NLDDKTIASFQQQLSDMGYK.F	24
PLOG+9337	proteomics_log	4216170	4216259	+	3	10	K.FQFITLAGIHSMWFNMFDLANAYAQGEGMK.H	34
PLOG+9338	proteomics_log	4216260	4216304	+	3	2	K.HYVEKVQQPEFAAAK.D	19
PLOG+9339	proteomics_log	4216362	4216433	+	3	5	K.VTTIIQGGTSSVTALTGSTESQF.-	28
PLOG+9340	proteomics_log	4221854	4221895	+	2	2	V.SSKVEQLRAQLNER.I	18
PLOG+9341	proteomics_log	4222265	4222306	+	2	2	R.TASISPDVNDPAFR.N	18
PLOG+9342	proteomics_log	4222355	4222420	+	2	2	K.ALVEGGADLILIVFDTLNAK.A	26
PLOG+9343	proteomics_log	4222874	4222936	+	2	25	R.LSGLEPLNIGEDSLFVNVGER.T	25
PLOG+9344	proteomics_log	4224224	4224307	+	2	2	R.TAKEVNADLIGLSGLITPSLDEMNVNAK.E	32
PLOG+9345	proteomics_log	4224224	4224319	+	2	16	R.TAKEVNADLIGLSGLITPSLDEMNVNAKEMER.Q	36
PLOG+9346	proteomics_log	4224497	4224523	+	2	3	R.TRKEYETVR.I	13
PLOG+9347	proteomics_log	4224635	4224736	+	2	4	R.LGVQVEEASIELTRNYIDWTPFFMTWSLAGKYPR.I	38
PLOG+9348	proteomics_log	4224635	4224676	+	2	8	R.LGVQVEEASIETLR.N	18
PLOG+9349	proteomics_log	4224737	4224775	+	2	9	R.ILEDEVVGVEAQR.L	17
PLOG+9350	proteomics_log	4224776	4224823	+	2	2	R.LFKDANDMLDKLSAEK.T	20
PLOG+9351	proteomics_log	4225118	4225168	+	2	8	K.ALADRLAEFAEYLHER.V	21
PLOG+9352	proteomics_log	4225442	4225465	+	2	2	R.DQVEDYAR.R	12
PLOG+9353	proteomics_log	4229043	4229078	+	3	3	R.DLTDDDELIDLFK.L	16
PLOG+9354	proteomics_log	4231781	4231879	+	2	2	L.M*KNINPTQTAAWQALQKHFDEMKDVTIADLFAK.D	38
PLOG+9355	proteomics_log	4231781	4231879	+	2	2	L.M*KNINPTQTAAWQALQKHFDEM*KDVTIADLFAK.D	39
PLOG+9356	proteomics_log	4231781	4231831	+	2	5	L.M*KNINPTQTAAWQALQK.H	22
PLOG+9357	proteomics_log	4231781	4231831	+	2	16	L.MKNINPTQTAAWQALQK.H	21
PLOG+9358	proteomics_log	4231781	4231879	+	2	30	L.MKNINPTQTAAWQALQKHFDEMKDVTIADLFAK.D	37
PLOG+9359	proteomics_log	4231787	4231879	+	2	2	K.NINPTQTAAWQALQKHFDEMKDVTIADLFAK.D	35
PLOG+9360	proteomics_log	4231832	4231900	+	2	2	K.HFDEMKDVTIADLFAKDGDRFSK.F	27
PLOG+9361	proteomics_log	4231832	4231879	+	2	38	K.HFDEMKDVTIADLFAK.D	20
PLOG+9362	proteomics_log	4231901	4231945	+	2	4	K.FSATFDDQMLVDYSK.N	19
PLOG+9363	proteomics_log	4231946	4231993	+	2	2	K.NRITEETLAKLQDLAK.E	20
PLOG+9364	proteomics_log	4231946	4231975	+	2	3	K.NRITEETLAK.L	14
PLOG+9365	proteomics_log	4231946	4232020	+	2	3	K.NRITEETLAKLQDLAKECDLAGAIK.S	29
PLOG+9366	proteomics_log	4231952	4232020	+	2	7	R.ITEETLAKLQDLAKECDLAGAIK.S	27
PLOG+9367	proteomics_log	4231952	4231993	+	2	9	R.ITEETLAKLQDLAK.E	18
PLOG+9368	proteomics_log	4232021	4232062	+	2	3	K.SMFSGEKINRTENR.A	18
PLOG+9369	proteomics_log	4232021	4232050	+	2	22	K.SMFSGEKINR.T	14
PLOG+9370	proteomics_log	4232063	4232086	+	2	3	R.AVLHVALR.N	12
PLOG+9371	proteomics_log	4232087	4232158	+	2	3	R.NRSNTPILVDGKDVMPVNAVLEK.M	28
PLOG+9372	proteomics_log	4232093	4232158	+	2	10	R.SNTPILVDGKDVMPVNAVLEK.M	26
PLOG+9373	proteomics_log	4232363	4232404	+	2	2	K.KVNPETTLFLVASK.T	18
PLOG+9374	proteomics_log	4232366	4232404	+	2	3	K.VNPETTLFLVASK.T	17
PLOG+9375	proteomics_log	4232405	4232449	+	2	5	K.TFTTQETMTNAHSAR.D	19
PLOG+9376	proteomics_log	4232495	4232524	+	2	3	K.HFAALSTNAK.A	14
PLOG+9377	proteomics_log	4233038	4233085	+	2	200	K.LLSNFFAQTEALAFGK.S	20
PLOG+9378	proteomics_log	4233086	4233115	+	2	2	K.SREVVEQEYR.D	14
PLOG+9379	proteomics_log	4233092	4233163	+	2	12	R.EVVEQEYRDQGKDPATLDYVVPFK.V	28
PLOG+9380	proteomics_log	4233116	4233163	+	2	2	R.DQGKDPATLDYVVPFK.V	20

PLOG+9381	proteomics_log	4233164	4233205	+	2	9	K.VFEGNRPTNSILLR.E	18
PLOG+9382	proteomics_log	4233206	4233322	+	2	14	R.EITPFSLGALIALYEHKIFTQGVILNIFTDQWGVELGK.Q	43
PLOG+9383	proteomics_log	4233206	4233256	+	2	32	R.EITPFSLGALIALYEHK.I	21
PLOG+9384	proteomics_log	4233338	4233409	+	2	90	R.ILPELKDDKEISSHDSSTNGLINR.Y	28
PLOG+9385	proteomics_log	4237509	4237565	+	3	3	A.LIAAWWWVAM*PRSLM*FRKR.S	25
PLOG+9386	proteomics_log	4245104	4245124	+	2	2	G.LKLAGAK.K	11
PLOG+9387	proteomics_log	4245245	4245313	+	2	15	R.TLVAEPSVFLLEPLSNLDAALR.V	27
PLOG+9388	proteomics_log	4245382	4245420	+	1	2	P.RSGRSDDAGRQNR.G	17
PLOG+9389	proteomics_log	4245994	4246059	+	1	2	R.M*M*ITLRKLPLAVAVAAGVMSAQ.A	28
PLOG+9390	proteomics_log	4248018	4248125	+	3	3	R.LTPALGQQKLYVLVFTTEKDLQQTQLLDPKAYAK.G	40
PLOG+9391	proteomics_log	4248018	4248113	+	3	6	R.LTPALGQQKLYVLVFTTEKDLQQTQLLDPK.A	36
PLOG+9392	proteomics_log	4248045	4248125	+	3	16	K.LYVLVFTTEKDLQQTQLLDPKAYAK.G	31
PLOG+9393	proteomics_log	4248045	4248113	+	3	28	K.LYVLVFTTEKDLQQTQLLDPK.A	27
PLOG+9394	proteomics_log	4248126	4248170	+	3	12	K.GVGNSIPDIPDVAR.H	19
PLOG+9395	proteomics_log	4248381	4248410	+	3	8	K.NAVAKGDVDK.A	14
PLOG+9396	proteomics_log	4248462	4248494	+	3	21	R.STFISSVKGKG.-	15
PLOG+9397	proteomics_log	4250967	4251023	+	3	3	R.LSGKPLLLTEFLPASPLY.-	23
PLOG+9398	proteomics_log	4255252	4255281	+	1	2	R.SPNAEEHLK.A	14
PLOG+9399	proteomics_log	4255294	4255329	+	1	45	R.KGVIEIVSGASR.G	16
PLOG+9400	proteomics_log	4255339	4255380	+	1	23	R.LLQEEEEGLPLVGR.V	18
PLOG+9401	proteomics_log	4255381	4255479	+	1	3	R.VAAGEPLLAQQHIEGHYQVDPSLFKPNADFLR.V	37
PLOG+9402	proteomics_log	4255558	4255581	+	1	2	R.NGQVVVAR.I	12
PLOG+9403	proteomics_log	4255582	4255605	+	1	2	R.IDDEVTVK.R	12
PLOG+9404	proteomics_log	4255582	4255608	+	1	7	R.IDDEVTVKR.L	13
PLOG+9405	proteomics_log	4257260	4257307	+	2	2	I.MNKDEAGGNWKQFKGK.V	20
PLOG+9406	proteomics_log	4257329	4257364	+	2	4	K.LTDDDMTIIEGK.R	16
PLOG+9407	proteomics_log	4257368	4257397	+	2	2	R.DQLVGKIQER.Y	14
PLOG+9408	proteomics_log	4257398	4257427	+	2	2	R.YGYQKDQAEK.E	14
PLOG+9409	proteomics_log	4257398	4257466	+	2	2	R.YGYQKDQAEKEVVDWETRNEYRW.-	27
PLOG+9410	proteomics_log	4257398	4257451	+	2	4	R.YGYQKDQAEKEVVDWETR.N	22
PLOG+9411	proteomics_log	4260439	4260531	+	1	5	R.EAYQNPGLAAVDREIFGSSDTDADPVAVVR.A	35
PLOG+9412	proteomics_log	4260646	4260726	+	1	3	R.YLSENAHKAGADINVLEHALKLVDKR.-	31
PLOG+9413	proteomics_log	4262340	4262381	+	3	2	M.AGNKPFNKQAEPR.E	18
PLOG+9414	proteomics_log	4262559	4262669	+	3	2	R.LQESGSPIDLITLAESLERQQQLDSVGGFAYLAELSK.N	41
PLOG+9415	proteomics_log	4262559	4262615	+	3	39	R.LQESGSPIDLITLAESLER.Q	23
PLOG+9416	proteomics_log	4262793	4262828	+	3	5	R.TSEDLDLAESR.V	16
PLOG+9417	proteomics_log	4263261	4263308	+	3	2	R.NIYIDDSSGLTPTEVR.S	20
PLOG+9418	proteomics_log	4263435	4263497	+	3	5	R.SLKALAKELNVPVVALSQLNR.S	25
PLOG+9419	proteomics_log	4263456	4263497	+	3	4	K.ELNVPVVALSQLNR.S	18
PLOG+9420	proteomics_log	4263714	4263749	+	3	4	R.FDNYAGPQYDDE.-	16
PLOG+9421	proteomics_log	4263805	4263834	+	1	2	Q.MQAATVVINR.R	14
PLOG+9422	proteomics_log	4264249	4264290	+	1	3	K.NVRQPVNIVSHFAR.A	18
PLOG+9423	proteomics_log	4265149	4265193	+	1	27	K.VDAYAGDPILTLMER.F	19
PLOG+9424	proteomics_log	4265365	4265421	+	1	15	R.HAIAPLLFGADHPVLKQQR.V	23
PLOG+9425	proteomics_log	4265365	4265412	+	1	53	R.HAIAPLLFGADHPVLK.Q	20
PLOG+9426	proteomics_log	4265422	4265487	+	1	4	R.VATIQTGGSGALKVVGADFLKR.Y	26

PLOG+9427	proteomics_log	4265422	4265463	+	1	22	R.VATIQTLLGGSGALK.V	18
PLOG+9428	proteomics_log	4265614	4265640	+	1	4	R.FNDLLATLK.T	13
PLOG+9429	proteomics_log	4265752	4265826	+	1	10	R.ELIPFLDIAYQFGGAGMEEDAYAIR.A	29
PLOG+9430	proteomics_log	4265827	4265877	+	1	16	R.AIASAGLPALVSNSFSK.I	21
PLOG+9431	proteomics_log	4265878	4265901	+	1	5	K.IFSLYGER.V	12
PLOG+9432	proteomics_log	4265983	4266051	+	1	15	R.NYSSPPNFGAQVVAAVLNDEALK.A	27
PLOG+9433	proteomics_log	4266052	4266084	+	1	3	K.ASWLAEVEEMR.T	15
PLOG+9434	proteomics_log	4266091	4266174	+	1	2	R.ILAMRQELVKVLSTEMPERNFYLLNQR.G	32
PLOG+9435	proteomics_log	4266091	4266120	+	1	2	R.ILAMRQELVK.V	14
PLOG+9436	proteomics_log	4266121	4266174	+	1	2	K.VLSTEMPERNFYLLNQR.G	22
PLOG+9437	proteomics_log	4266148	4266174	+	1	3	R.NFDYLLNQR.G	13
PLOG+9438	proteomics_log	4267506	4267553	+	3	17	A.LASSPSPLNPGTNVAR.L	20
PLOG+9439	proteomics_log	4267512	4267553	+	3	7	A.SSPSPLNPGTNVAR.L	18
PLOG+9440	proteomics_log	4267821	4267853	+	3	17	R.RGDIAFFVTGR.S	15
PLOG+9441	proteomics_log	4267854	4267883	+	3	7	R.SPTKTETVSK.T	14
PLOG+9442	proteomics_log	4267998	4268039	+	3	12	R.IFYGSDNDITAAR.D	18
PLOG+9443	proteomics_log	4272151	4272213	+	1	115	M.ASRGVNKVILVGNLQDPEVR.Y	25
PLOG+9444	proteomics_log	4272160	4272213	+	1	218	R.GVNKVVILVGNLQDPEVR.Y	22
PLOG+9445	proteomics_log	4272172	4272213	+	1	74	K.VILVGNLQDPEVR.Y	18
PLOG+9446	proteomics_log	4272319	4272366	+	1	52	R.VVLFGLAEVASEYLR.K	20
PLOG+9447	proteomics_log	4272337	4272369	+	1	5	K.LAEVASEYLRK.G	15
PLOG+9448	proteomics_log	4272337	4272366	+	1	64	K.LAEVASEYLR.K	14
PLOG+9449	proteomics_log	4272367	4272402	+	1	25	R.KGSQVYIEGQLR.T	16
PLOG+9450	proteomics_log	4276835	4276891	+	2	2	L.GAVFLM*GVLFTVISATGIR.S	24
PLOG+9451	proteomics_log	4278942	4279022	+	3	2	I.WMLFTNIILYAALM*LVRFGWLWTMKK.F	32
PLOG+9452	proteomics_log	4279371	4279448	+	3	2	R.LAADTEENIDNQLLQTEVSSRVIGNLR.R	30
PLOG+9453	proteomics_log	4279599	4279649	+	3	2	K.LLHDLDLLEALLIEENQ.-	21
PLOG+9454	proteomics_log	4285865	4285909	+	2	2	A.EQTAAPAKPVTVEAK.N	19
PLOG+9455	proteomics_log	4286987	4287025	+	2	2	R.MLGTAMDKAADAR.T	17
PLOG+9456	proteomics_log	4290525	4290611	+	3	2	R.EMLILATLLLFCAVLLVLTLYPMIYG.L	33
PLOG+9457	proteomics_log	4314302	4314343	+	2	2	R.REMPHRAGWRGSSR.K	18
PLOG+9458	proteomics_log	4314942	4315016	+	3	5	H.VANCHGIQYGGDAARHHQRVVAHR.R	29
PLOG+9459	proteomics_log	4316422	4316487	+	1	7	G.TNIAVM*TCPGRHQPLADIAACR.H	27
PLOG+9460	proteomics_log	4322617	4322667	+	1	8	I.TMRADSGSSEAMGSSAR.I	21
PLOG+9461	proteomics_log	4327440	4327502	+	3	2	R.FLVDLAQGDDARLPQAHQQQF.R	25
PLOG+9462	proteomics_log	4334036	4334110	+	2	2	L.LSWKM*VIKIPTIISPATGVPALFTR.A	30
PLOG+9463	proteomics_log	4349888	4349917	+	2	2	T.GVIAVIPAKR.S	14
PLOG+9464	proteomics_log	4349998	4350048	+	1	2	K.RKPWIMPDEVDVATVVK.V	21
PLOG+9465	proteomics_log	4363568	4363600	+	2	15	K.NGWLKTNLPIR.V	15
PLOG+9466	proteomics_log	4368711	4368737	+	3	7	S.MNIRPLHDR.V	13
PLOG+9467	proteomics_log	4368711	4368749	+	3	17	S.MNIRPLHDRVIVK.R	17
PLOG+9468	proteomics_log	4368738	4368812	+	3	6	R.VIVKRKEVETKSAGGIVLTGSAAK.S	29
PLOG+9469	proteomics_log	4368738	4368770	+	3	93	R.VIVKRKEVETK.S	15
PLOG+9470	proteomics_log	4368750	4368812	+	3	73	K.RKEVETKSAGGIVLTGSAAK.S	25
PLOG+9471	proteomics_log	4368753	4368812	+	3	10	R.KEVETKSAGGIVLTGSAAK.S	24
PLOG+9472	proteomics_log	4368756	4368812	+	3	2	K.EVETKSAGGIVLTGSAAK.S	23

PLOG+9473	proteomics_log	4368771	4368821	+	3	47	K.SAGGIVLTGSAAAKSTR.G	21
PLOG+9474	proteomics_log	4368771	4368851	+	3	152	K.SAGGIVLTGSAAAKSTRGEVLAVGNR.I	31
PLOG+9475	proteomics_log	4368771	4368812	+	3	471	K.SAGGIVLTGSAAAK.S	18
PLOG+9476	proteomics_log	4368783	4368890	+	3	2	G.IVLTGSAAAKSTRGEVLAVGNRILENGEVKPLDVK.V	40
PLOG+9477	proteomics_log	4368813	4368851	+	3	162	K.STRGEVLAVGNR.I	17
PLOG+9478	proteomics_log	4368822	4368851	+	3	128	R.GEVLAVGNR.I	14
PLOG+9479	proteomics_log	4368852	4368941	+	3	12	R.ILENGEVKPLDVKVGDIVIFNDGYGVKSEK.I	34
PLOG+9480	proteomics_log	4368852	4368890	+	3	220	R.ILENGEVKPLDVK.V	17
PLOG+9481	proteomics_log	4368852	4368932	+	3	273	R.ILENGEVKPLDVKVGDIVIFNDGYGVK.S	31
PLOG+9482	proteomics_log	4368879	4368932	+	3	160	P.LDVKVGDIVIFNDGYGVK.S	22
PLOG+9483	proteomics_log	4368891	4368941	+	3	30	K.VGDIVIFNDGYGVKSEK.I	21
PLOG+9484	proteomics_log	4368891	4368932	+	3	229	K.VGDIVIFNDGYGVK.S	18
PLOG+9485	proteomics_log	4368933	4369001	+	3	7	K.SEKIDNEEVLMSESILAIVEA.-	27
PLOG+9486	proteomics_log	4368942	4369001	+	3	2	K.IDNEEVLMSESILAIVEA.-	24
PLOG+9487	proteomics_log	4368942	4369001	+	3	2	K.IDNEEVLM*SESDILAIVEA.-	25
PLOG+9488	proteomics_log	4369051	4369092	+	1	60	M.AAKDVKFGNDARVK.M	18
PLOG+9489	proteomics_log	4369051	4369086	+	1	165	M.AAKDVKFGNDAR.V	16
PLOG+9490	proteomics_log	4369060	4369086	+	1	3	K.DVKFGNDAR.V	13
PLOG+9491	proteomics_log	4369069	4369092	+	1	2	K.FGNDARVK.M	12
PLOG+9492	proteomics_log	4369084	4369149	+	1	3	A.RVKMLRGVNVLADAVKVTLGPK.G	26
PLOG+9493	proteomics_log	4369087	4369131	+	1	2	R.VKM*LRGVNVLADAVK.V	20
PLOG+9494	proteomics_log	4369087	4369155	+	1	15	R.VKMLRGVNVLADAVKVTLGPKGR.N	27
PLOG+9495	proteomics_log	4369087	4369149	+	1	23	R.VKMLRGVNVLADAVKVTLGPK.G	25
PLOG+9496	proteomics_log	4369093	4369131	+	1	3	K.M*LRGVNVLADAVK.V	18
PLOG+9497	proteomics_log	4369093	4369149	+	1	16	K.M*LRGVNVLADAVKVTLGPK.G	24
PLOG+9498	proteomics_log	4369093	4369155	+	1	27	K.M*LRGVNVLADAVKVTLGPKGR.N	26
PLOG+9499	proteomics_log	4369093	4369155	+	1	94	K.MLRGVNVLADAVKVTLGPKGR.N	25
PLOG+9500	proteomics_log	4369093	4369131	+	1	198	K.MLRGVNVLADAVK.V	17
PLOG+9501	proteomics_log	4369093	4369149	+	1	295	K.MLRGVNVLADAVKVTLGPK.G	23
PLOG+9502	proteomics_log	4369102	4369221	+	1	3	R.GVNVLADAVKVTLGPKGRNVVLDKSFGAPTITKDGVSVAR.E	44
PLOG+9503	proteomics_log	4369102	4369149	+	1	172	R.GVNVLADAVKVTLGPK.G	20
PLOG+9504	proteomics_log	4369102	4369131	+	1	234	R.GVNVLADAVK.V	14
PLOG+9505	proteomics_log	4369102	4369155	+	1	390	R.GVNVLADAVKVTLGPKGR.N	22
PLOG+9506	proteomics_log	4369108	4369149	+	1	9	V.NVLADAVKVTLGPK.G	18
PLOG+9507	proteomics_log	4369114	4369155	+	1	3	V.LADAVKVTLGPKGR.N	18
PLOG+9508	proteomics_log	4369117	4369155	+	1	3	L.ADAVKVTLGPKGR.N	17
PLOG+9509	proteomics_log	4369150	4369173	+	1	2	K.GRNVVLDK.S	12
PLOG+9510	proteomics_log	4369150	4369200	+	1	5	K.GRNVVLDKSFGAPTITK.D	21
PLOG+9511	proteomics_log	4369150	4369221	+	1	128	K.GRNVVLDKSFGAPTITKDGVSVAR.E	28
PLOG+9512	proteomics_log	4369156	4369173	+	1	4	R.NVVLDK.S	10
PLOG+9513	proteomics_log	4369156	4369200	+	1	245	R.NVVLDKSFGAPTITK.D	19
PLOG+9514	proteomics_log	4369156	4369221	+	1	333	R.NVVLDKSFGAPTITKDGVSVAR.E	26
PLOG+9515	proteomics_log	4369174	4369200	+	1	4	K.SFGAPTITK.D	13
PLOG+9516	proteomics_log	4369174	4369221	+	1	153	K.SFGAPTITKDGVSVAR.E	20
PLOG+9517	proteomics_log	4369177	4369221	+	1	10	S.FGAPTITKDGVSVAR.E	19
PLOG+9518	proteomics_log	4369222	4369272	+	1	2	R.EIELEDKFENMGAQM*VK.E	22

PLOG+9519	proteomics_log	4369222	4369272	+	1	2	R.EIELEDKFENM*GAQM*VK.E	23
PLOG+9520	proteomics_log	4369222	4369272	+	1	3	R.EIELEDKFENM*GAQMVK.E	22
PLOG+9521	proteomics_log	4369222	4369362	+	1	28	R.EIELEDKFENMGAQMVKEVASKANDAAGDGTTTATVLAQAIITEGLK.A	51
PLOG+9522	proteomics_log	4369222	4369287	+	1	223	R.EIELEDKFENMGAQMVKEVASK.A	26
PLOG+9523	proteomics_log	4369222	4369272	+	1	332	R.EIELEDKFENMGAQMVK.E	21
PLOG+9524	proteomics_log	4369264	4369362	+	1	3	Q.MVKEVASKANDAAGDGTTTATVLAQAIITEGLK.A	37
PLOG+9525	proteomics_log	4369273	4369401	+	1	2	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLKR.G	49
PLOG+9526	proteomics_log	4369273	4369398	+	1	3	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLK.R	47
PLOG+9527	proteomics_log	4369273	4369398	+	1	5	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGMNP*DLK.R	47
PLOG+9528	proteomics_log	4369273	4369362	+	1	70	K.EVASKANDAAGDGTTTATVLAQAIITEGLK.A	34
PLOG+9529	proteomics_log	4369273	4369398	+	1	78	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGMNPMDLK.R	46
PLOG+9530	proteomics_log	4369273	4369401	+	1	119	K.EVASKANDAAGDGTTTATVLAQAIITEGLKAVAAGMNPMDLKR.G	47
PLOG+9531	proteomics_log	4369288	4369398	+	1	4	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLK.R	42
PLOG+9532	proteomics_log	4369288	4369401	+	1	4	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGMNP*DLKR.G	43
PLOG+9533	proteomics_log	4369288	4369398	+	1	4	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLK.R	43
PLOG+9534	proteomics_log	4369288	4369398	+	1	10	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGMNP*DLK.R	42
PLOG+9535	proteomics_log	4369288	4369401	+	1	4	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGM*NPM*DLKR.G	44
PLOG+9536	proteomics_log	4369288	4369362	+	1	230	K.ANDAAGDGTTTATVLAQAIITEGLK.A	29
PLOG+9537	proteomics_log	4369288	4369398	+	1	233	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGMNPMDLK.R	41
PLOG+9538	proteomics_log	4369288	4369401	+	1	480	K.ANDAAGDGTTTATVLAQAIITEGLKAVAAGMNPMDLKR.G	42
PLOG+9539	proteomics_log	4369330	4369401	+	1	3	V.LAQAIITEGLKAVAAGMNPMDLKR.G	28
PLOG+9540	proteomics_log	4369363	4369401	+	1	2	K.AVAAGMNP*DLKR.G	18
PLOG+9541	proteomics_log	4369363	4369401	+	1	2	K.AVAAGM*NPM*DLKR.G	19
PLOG+9542	proteomics_log	4369363	4369398	+	1	5	K.AVAAGM*NPM*DLK.R	18
PLOG+9543	proteomics_log	4369363	4369443	+	1	14	K.AVAAGMNPMDLKR.GIDKAVTAAVEELK.A	31
PLOG+9544	proteomics_log	4369363	4369398	+	1	34	K.AVAAGMNPMDLK.R	16
PLOG+9545	proteomics_log	4369363	4369401	+	1	229	K.AVAAGMNPMDLKR.G	17
PLOG+9546	proteomics_log	4369399	4369473	+	1	5	K.RGIDKAVTAAVEELKALSVPCSDSK.A	29
PLOG+9547	proteomics_log	4369399	4369443	+	1	132	K.RGIDKAVTAAVEELK.A	19
PLOG+9548	proteomics_log	4369402	4369473	+	1	14	R.GIDKAVTAAVEELKALSVPCSDSK.A	28
PLOG+9549	proteomics_log	4369402	4369443	+	1	259	R.GIDKAVTAAVEELK.A	18
PLOG+9550	proteomics_log	4369414	4369443	+	1	42	K.AVTAAVEELK.A	14
PLOG+9551	proteomics_log	4369474	4369551	+	1	2	K.AIAQVGTISANSDETGVGLIAEAM*DK.V	31
PLOG+9552	proteomics_log	4369474	4369551	+	1	27	K.AIAQVGTISANSDETGVGLIAEAMDK.V	30
PLOG+9553	proteomics_log	4369474	4369560	+	1	116	K.AIAQVGTISANSDETGVGLIAEAMDKVGK.E	33
PLOG+9554	proteomics_log	4369474	4369527	+	1	119	K.AIAQVGTISANSDETGVGL.L	22
PLOG+9555	proteomics_log	4369528	4369638	+	1	2	K.LIAEAM*DKVGKEGVITVEDGTGLQDELDDVVEGM*QFDR.G	43
PLOG+9556	proteomics_log	4369528	4369638	+	1	10	K.LIAEAMDKVGKEGVITVEDGTGLQDELDDVVEGMQFDR.G	41
PLOG+9557	proteomics_log	4369528	4369560	+	1	14	K.LIAEAMDKVGK.E	15
PLOG+9558	proteomics_log	4369552	4369638	+	1	2	K.VGKEGVITVEDGTGLQDELDDVVEGM*QFDR.G	34
PLOG+9559	proteomics_log	4369552	4369638	+	1	15	K.VGKEGVITVEDGTGLQDELDDVVEGMQFDR.G	33
PLOG+9560	proteomics_log	4369561	4369638	+	1	5	K.EGVITVEDGTGLQDELDDVVEGMQFDR.G	30
PLOG+9561	proteomics_log	4369561	4369638	+	1	5	K.EGVITVEDGTGLQDELDDVVEGM*QFDR.G	31
PLOG+9562	proteomics_log	4369639	4369740	+	1	5	R.GYLSPYFINKPETGAVELESPFILLADKKISNIR.E	38
PLOG+9563	proteomics_log	4369639	4369722	+	1	81	R.GYLSPYFINKPETGAVELESPFILLADK.K	32
PLOG+9564	proteomics_log	4369639	4369725	+	1	293	R.GYLSPYFINKPETGAVELESPFILLADKK.I	33

PLOG+9565	proteomics_log	4369657	4369725	+	1	18	Y.FINKPETGAVELESPFILLADKK.I	27
PLOG+9566	proteomics_log	4369723	4369773	+	1	2	K.KISNIREM*LPVLEAVAK.A	22
PLOG+9567	proteomics_log	4369723	4369773	+	1	13	K.KISNIREMLPVLEAVAK.A	21
PLOG+9568	proteomics_log	4369726	4369773	+	1	7	K.ISNIREM*LPVLEAVAK.A	21
PLOG+9569	proteomics_log	4369726	4369851	+	1	116	K.ISNIREMLPVLEAVAKAGKPLLLIAEDVEGEALATLVVNTMR.G	46
PLOG+9570	proteomics_log	4369726	4369773	+	1	313	K.ISNIREMLPVLEAVAK.A	20
PLOG+9571	proteomics_log	4369741	4369773	+	1	2	R.EM*LPVLEAVAK.A	16
PLOG+9572	proteomics_log	4369741	4369773	+	1	46	R.EMLPVLEAVAK.A	15
PLOG+9573	proteomics_log	4369741	4369851	+	1	48	R.EMLPVLEAVAKAGKPLLLIAEDVEGEALATLVVNTMR.G	41
PLOG+9574	proteomics_log	4369774	4369869	+	1	2	K.AGKPLLLIAEDVEGEALATLVVNTMRGIVKVA.A	36
PLOG+9575	proteomics_log	4369774	4369878	+	1	3	K.AGKPLLLIAEDVEGEALATLVVNTMRGIVKVA.V	39
PLOG+9576	proteomics_log	4369774	4369863	+	1	8	K.AGKPLLLIAEDVEGEALATLVVNTM*RGIVK.V	35
PLOG+9577	proteomics_log	4369774	4369851	+	1	151	K.AGKPLLLIAEDVEGEALATLVVNTM*R.G	31
PLOG+9578	proteomics_log	4369774	4369863	+	1	180	K.AGKPLLLIAEDVEGEALATLVVNTMRGIVK.V	34
PLOG+9579	proteomics_log	4369774	4369851	+	1	1559	K.AGKPLLLIAEDVEGEALATLVVNTMR.G	30
PLOG+9580	proteomics_log	4369852	4369905	+	1	3	R.GIVKVAAVKAPGFGDRR.A	22
PLOG+9581	proteomics_log	4369852	4369878	+	1	22	R.GIVKVAAVK.A	13
PLOG+9582	proteomics_log	4369852	4369902	+	1	105	R.GIVKVAAVKAPGFGDRR.K	21
PLOG+9583	proteomics_log	4369852	4369899	+	1	254	R.GIVKVAAVKAPGFGDR.R	20
PLOG+9584	proteomics_log	4369864	4369902	+	1	89	K.VAAVKAPGFGDRR.K	17
PLOG+9585	proteomics_log	4369864	4369899	+	1	104	K.VAAVKAPGFGDR.R	16
PLOG+9586	proteomics_log	4369900	4370010	+	1	2	R.RKAMLQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	41
PLOG+9587	proteomics_log	4369903	4370010	+	1	2	R.KAM*LQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	41
PLOG+9588	proteomics_log	4369903	4369980	+	1	4	R.KAM*LQDIATLTGGTVISEEIGM*ELEK.A	32
PLOG+9589	proteomics_log	4369903	4370013	+	1	8	R.KAM*LQDIATLTGGTVISEEIGM*ELEKATLEDLGQAKR.V	43
PLOG+9590	proteomics_log	4369903	4370010	+	1	2	R.KAM*LQDIATLTGGTVISEEIGM*ELEKATLEDLGQAK.R	42
PLOG+9591	proteomics_log	4369903	4369980	+	1	26	R.KAMLQDIATLTGGTVISEEIGMELEK.A	30
PLOG+9592	proteomics_log	4369903	4370013	+	1	93	R.KAMLQDIATLTGGTVISEEIGMELEKATLEDLGQAKR.V	41
PLOG+9593	proteomics_log	4369903	4370010	+	1	173	R.KAMLQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	40
PLOG+9594	proteomics_log	4369906	4369980	+	1	7	K.AM*LQDIATLTGGTVISEEIGM*ELEK.A	31
PLOG+9595	proteomics_log	4369906	4370010	+	1	10	K.AM*LQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	40
PLOG+9596	proteomics_log	4369906	4370013	+	1	13	K.AM*LQDIATLTGGTVISEEIGMELEKATLEDLGQAKR.V	41
PLOG+9597	proteomics_log	4369906	4369980	+	1	14	K.AMLQDIATLTGGTVISEEIGM*ELEK.A	30
PLOG+9598	proteomics_log	4369906	4370010	+	1	28	K.AMLQDIATLTGGTVISEEIGM*ELEKATLEDLGQAK.R	40
PLOG+9599	proteomics_log	4369906	4370013	+	1	28	K.AMLQDIATLTGGTVISEEIGM*ELEKATLEDLGQAKR.V	41
PLOG+9600	proteomics_log	4369906	4370013	+	1	13	K.AM*LQDIATLTGGTVISEEIGM*ELEKATLEDLGQAKR.V	42
PLOG+9601	proteomics_log	4369906	4370010	+	1	10	K.AM*LQDIATLTGGTVISEEIGM*ELEKATLEDLGQAK.R	41
PLOG+9602	proteomics_log	4369906	4369980	+	1	93	K.AMLQDIATLTGGTVISEEIGMELEK.A	29
PLOG+9603	proteomics_log	4369906	4370010	+	1	280	K.AMLQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	39
PLOG+9604	proteomics_log	4369906	4370013	+	1	303	K.AMLQDIATLTGGTVISEEIGMELEKATLEDLGQAKR.V	40
PLOG+9605	proteomics_log	4369933	4370013	+	1	22	L.TGGTVISEEIGMELEKATLEDLGQAKR.V	31
PLOG+9606	proteomics_log	4369981	4370082	+	1	28	K.ATLEDLGQAKRVVINKDTTIIIDGVGEEAAIQGR.V	38
PLOG+9607	proteomics_log	4369981	4370013	+	1	38	K.ATLEDLGQAKR.V	15
PLOG+9608	proteomics_log	4369981	4370010	+	1	149	K.ATLEDLGQAK.R	14
PLOG+9609	proteomics_log	4370011	4370082	+	1	401	K.RVVINKDTTIIIDGVGEEAAIQGR.V	28
PLOG+9610	proteomics_log	4370014	4370082	+	1	499	R.VVINKDTTIIIDGVGEEAAIQGR.V	27

PLOG+9611	proteomics_log	4370029	4370082	+	1	17	K.DTTTIIDGVGEEAAIQGR.V	22
PLOG+9612	proteomics_log	4370047	4370082	+	1	2	I.DGVGEEAAIQGR.V	16
PLOG+9613	proteomics_log	4370083	4370151	+	1	85	R.VAQIRQQIEEATSDYDREKLQER.V	27
PLOG+9614	proteomics_log	4370083	4370139	+	1	140	R.VAQIRQQIEEATSDYDREK.L	23
PLOG+9615	proteomics_log	4370098	4370160	+	1	5	R.QQIEEATSDYDREKLQERVAK.L	25
PLOG+9616	proteomics_log	4370098	4370133	+	1	15	R.QQIEEATSDYDR.E	16
PLOG+9617	proteomics_log	4370098	4370151	+	1	40	R.QQIEEATSDYDREKLQER.V	22
PLOG+9618	proteomics_log	4370098	4370139	+	1	115	R.QQIEEATSDYDREK.L	18
PLOG+9619	proteomics_log	4370152	4370223	+	1	2	R.VAKLAGGVAVIKVGAATEVEM*KEK.K	29
PLOG+9620	proteomics_log	4370152	4370223	+	1	2	R.VAKLAGGVAVIKVGAATEVEMKEK.K	28
PLOG+9621	proteomics_log	4370152	4370232	+	1	6	R.VAKLAGGVAVIKVGAATEVEMKEKKAR.V	31
PLOG+9622	proteomics_log	4370152	4370187	+	1	30	R.VAKLAGGVAVIK.V	16
PLOG+9623	proteomics_log	4370161	4370232	+	1	9	K.LAGGVAVIKVGAATEVEMKEKKAR.V	28
PLOG+9624	proteomics_log	4370161	4370223	+	1	55	K.LAGGVAVIKVGAATEVEMKEK.K	25
PLOG+9625	proteomics_log	4370161	4370226	+	1	61	K.LAGGVAVIKVGAATEVEMKEKK.A	26
PLOG+9626	proteomics_log	4370161	4370187	+	1	104	K.LAGGVAVIK.V	13
PLOG+9627	proteomics_log	4370188	4370232	+	1	4	K.VGAATEVEM*KEKKAR.V	20
PLOG+9628	proteomics_log	4370188	4370226	+	1	5	K.VGAATEVEM*KEKK.A	18
PLOG+9629	proteomics_log	4370188	4370217	+	1	11	K.VGAATEVEM*K.E	15
PLOG+9630	proteomics_log	4370188	4370223	+	1	12	K.VGAATEVEM*KEK.K	17
PLOG+9631	proteomics_log	4370188	4370259	+	1	16	K.VGAATEVEMKEKKARVEDALHATR.A	28
PLOG+9632	proteomics_log	4370188	4370232	+	1	36	K.VGAATEVEMKEKKAR.V	19
PLOG+9633	proteomics_log	4370188	4370226	+	1	93	K.VGAATEVEMKEKK.A	17
PLOG+9634	proteomics_log	4370188	4370217	+	1	99	K.VGAATEVEMK.E	14
PLOG+9635	proteomics_log	4370188	4370223	+	1	184	K.VGAATEVEMKEK.K	16
PLOG+9636	proteomics_log	4370224	4370259	+	1	172	K.KARVEDALHATR.A	16
PLOG+9637	proteomics_log	4370227	4370310	+	1	2	K.ARVEDALHATRAAVEEGVVAGGGVALIR.V	32
PLOG+9638	proteomics_log	4370227	4370259	+	1	144	K.ARVEDALHATR.A	15
PLOG+9639	proteomics_log	4370233	4370310	+	1	28	R.VEDALHATRAAVEEGVVAGGGVALIR.V	30
PLOG+9640	proteomics_log	4370233	4370259	+	1	299	R.VEDALHATR.A	13
PLOG+9641	proteomics_log	4370260	4370301	+	1	2	R.AAVEEGVVAGGGVA.L	18
PLOG+9642	proteomics_log	4370260	4370322	+	1	9	R.AAVEEGVVAGGGVALIRVASK.L	25
PLOG+9643	proteomics_log	4370260	4370310	+	1	1210	R.AAVEEGVVAGGGVALIR.V	21
PLOG+9644	proteomics_log	4370311	4370370	+	1	91	R.VASKLADLRGQNEQNVGIK.V	24
PLOG+9645	proteomics_log	4370311	4370382	+	1	212	R.VASKLADLRGQNEQNVGIKVALR.A	28
PLOG+9646	proteomics_log	4370323	4370382	+	1	356	K.LADLRGQNEQNVGIKVALR.A	24
PLOG+9647	proteomics_log	4370323	4370370	+	1	370	K.LADLRGQNEQNVGIK.V	20
PLOG+9648	proteomics_log	4370338	4370382	+	1	13	R.GQNEQNVGIKVALR.A	19
PLOG+9649	proteomics_log	4370338	4370370	+	1	45	R.GQNEQNVGIK.V	15
PLOG+9650	proteomics_log	4370383	4370484	+	1	2	R.AM*EAPLRQIVLNCGEEPSVVANTVKGGDGNYGYN.A	39
PLOG+9651	proteomics_log	4370383	4370457	+	1	9	R.AMEAPLRQIVLNCGEEPSVVANTVK.G	29
PLOG+9652	proteomics_log	4370458	4370541	+	1	2	K.GGDGNYGYNAAATEEYGNM*IDM*GILDPTK.V	34
PLOG+9653	proteomics_log	4370458	4370541	+	1	30	K.GGDGNYGYNAAATEEYGNMIDMGILDPTK.V	32
PLOG+9654	proteomics_log	4370458	4370550	+	1	265	K.GGDGNYGYNAAATEEYGNMIDMGILDPTKVTR.S	35
PLOG+9655	proteomics_log	4370626	4370691	+	1	19	K.NDAADLGAAGGMGGMGGMMGMM.-	26
PLOG+9656	proteomics_log	4371060	4371131	+	3	4	R.NQAAM*GGNVIYGISSPSQGM*LSS.F	30

PLOG+9657	proteomics_log	4371132	4371173	+	3	19	S.FVPTDSQIIGQVYK.C	18
PLOG+9658	proteomics_log	4373725	4373751	+	1	17	M.ATYYSNDFR.A	13
PLOG+9659	proteomics_log	4373725	4373763	+	1	39	M.ATYYSNDFRAGLK.I	17
PLOG+9660	proteomics_log	4373854	4373874	+	1	11	R.RLLTGTR.V	11
PLOG+9661	proteomics_log	4373857	4373892	+	1	4	R.LLTGTRVEKTFK.S	16
PLOG+9662	proteomics_log	4373857	4373883	+	1	16	R.LLTGTRVEK.T	13
PLOG+9663	proteomics_log	4373893	4374015	+	1	25	K.STDSAEGADVDMNLTYLYNDGEFWHFMMNETFEQLSADAK.A	45
PLOG+9664	proteomics_log	4374211	4374246	+	1	39	K.VPLFVQIGEVIK.V	16
PLOG+9665	proteomics_log	4374211	4374258	+	1	50	K.VPLFVQIGEVIKVDTR.S	20
PLOG+9666	proteomics_log	4374259	4374279	+	1	46	R.SGEYVSR.V	11
PLOG+9667	proteomics_log	4374259	4374285	+	1	75	R.SGEYVSRVK.-	13
PLOG+9668	proteomics_log	4374630	4374710	+	3	2	V.LTACNTRTRGVGEDISDGGNAISGAATK.A	31
PLOG+9669	proteomics_log	4374654	4374710	+	3	20	R.GVGEDISDGGNAISGAATK.A	23
PLOG+9670	proteomics_log	4389819	4389848	+	3	24	R.THTASGLVER.V	14
PLOG+9671	proteomics_log	4390017	4390052	+	3	7	R.YLDVSTLKEAR.R	16
PLOG+9672	proteomics_log	4392173	4392220	+	2	2	R.EAADVLGLTYELMLR.A	20
PLOG+9673	proteomics_log	4393325	4393453	+	2	4	K.GAGTVVAAHPDALGIIDAGNAGM*ASGGM*GDVLSGIIGALLGQK.L	49
PLOG+9674	proteomics_log	4393325	4393453	+	2	10	K.GAGTVVAAHPDALGIIDAGNAGMASGGMGDVLSGIIGALLGQK.L	47
PLOG+9675	proteomics_log	4394016	4394057	+	3	6	R.VSAVSSAGELLAR.L	18
PLOG+9676	proteomics_log	4394814	4394846	+	3	2	R.DGDYFISVM*GR.S	16
PLOG+9677	proteomics_log	4395336	4395410	+	3	8	F.LAHPMQSAPQGATAQTASTVTPDR.T	29
PLOG+9678	proteomics_log	4398314	4398358	+	2	42	M.AKGQSLQDPFLNALR.R	19
PLOG+9679	proteomics_log	4398314	4398361	+	2	46	M.AKGQSLQDPFLNALRR.E	20
PLOG+9680	proteomics_log	4398359	4398403	+	2	2	R.RERVPSIYLVNGIK.L	19
PLOG+9681	proteomics_log	4398362	4398403	+	2	86	R.ERVPVSIYLVNGIK.L	18
PLOG+9682	proteomics_log	4398368	4398403	+	2	5	R.VPVSIIYLVNGIK.L	16
PLOG+9683	proteomics_log	4398404	4398451	+	2	34	K.LQGQIESFDQFVILLK.N	20
PLOG+9684	proteomics_log	4398404	4398478	+	2	62	K.LQGQIESFDQFVILLKNTVSQMVK.H	29
PLOG+9685	proteomics_log	4398452	4398478	+	2	2	K.NTVSQMVYK.H	13
PLOG+9686	proteomics_log	4399406	4399465	+	2	22	R.RIDVADVGETVLADTVGFIR.H	24
PLOG+9687	proteomics_log	4399409	4399498	+	2	2	R.IDVADVGETVLADTVGFIRHLPHDLVAAFK.A	34
PLOG+9688	proteomics_log	4399409	4399465	+	2	41	R.IDVADVGETVLADTVGFIR.H	23
PLOG+9689	proteomics_log	4399520	4399564	+	2	4	R.QATLLHVIDAADVR.V	19
PLOG+9690	proteomics_log	4399565	4399648	+	2	4	R.VQENIEAVNTVLEEIDAHEIPTLLVMNK.I	32
PLOG+9691	proteomics_log	4400298	4400375	+	3	2	R.VVTIAAAAIWIIWAASGFYTIKEAER.G	30
PLOG+9692	proteomics_log	4400400	4400483	+	3	11	K.FSHLVEPGLNWKPTFIDEVKPVNVEAVR.E	32
PLOG+9693	proteomics_log	4400859	4400894	+	3	21	R.EAEAYTNEVQPR.A	16
PLOG+9694	proteomics_log	4400934	4400981	+	3	82	R.AYKAQTILEAQGEVAR.F	20
PLOG+9695	proteomics_log	4400943	4400981	+	3	42	K.AQTILEAQGEVAR.F	17
PLOG+9696	proteomics_log	4401036	4401077	+	3	3	R.LYIETMEKVLGNTR.K	18
PLOG+9697	proteomics_log	4401036	4401059	+	3	7	R.LYIETMEK.V	12
PLOG+9698	proteomics_log	4401078	4401164	+	3	11	R.KVLVNDKGGNLMVPLDQMLKGGNAPAAK.S	33
PLOG+9699	proteomics_log	4401078	4401140	+	3	36	R.KVLVNDKGGNLMVPLDQMLK.G	25
PLOG+9700	proteomics_log	4401081	4401164	+	3	7	K.VLVNDKGGNLMVPLDQMLKGGNAPAAK.S	32
PLOG+9701	proteomics_log	4401081	4401140	+	3	13	K.VLVNDKGGNLMVPLDQMLK.G	24
PLOG+9702	proteomics_log	4401527	4401556	+	2	2	R.IQTMDNQADR.F	14

PLOG+9703	proteomics_log	4401629	4401682	+	2	8	R.YYLATGGGDISQAEVLLK.R	22
PLOG+9704	proteomics_log	4401779	4401865	+	2	14	R.DALNSGSAGTEDEVTTTPAADNAIAEAAER.V	33
PLOG+9705	proteomics_log	4401866	4401949	+	2	37	R.VTAETKKGKVPVINPNSMAALGIEVVDVR.I	32
PLOG+9706	proteomics_log	4401884	4401949	+	2	69	K.GKVPVINPNSMAALGIEVVDVR.I	26
PLOG+9707	proteomics_log	4401950	4402000	+	2	49	R.IKQINLPTEVSEAIYNR.M	21
PLOG+9708	proteomics_log	4401956	4402000	+	2	14	K.QINLPTEVSEAIYNR.M	19
PLOG+9709	proteomics_log	4402001	4402030	+	2	4	R.MRAEREAVAR.R	14
PLOG+9710	proteomics_log	4402034	4402072	+	2	5	R.HRSQGQEEAEKLR.A	17
PLOG+9711	proteomics_log	4402040	4402099	+	2	5	R.SQGQEEAEKLRATADYEVTR.T	24
PLOG+9712	proteomics_log	4402040	4402072	+	2	51	R.SQGQEEAEKLR.A	15
PLOG+9713	proteomics_log	4402073	4402099	+	2	30	R.ATADYEVTR.T	13
PLOG+9714	proteomics_log	4402100	4402129	+	2	14	R.TLAEAERQGR.I	14
PLOG+9715	proteomics_log	4402130	4402165	+	2	4	R.IM*RGEGDAEAAK.L	17
PLOG+9716	proteomics_log	4402130	4402216	+	2	14	R.IM*RGEGDAEAAKLFADAFSKDPDFYAFIR.S	34
PLOG+9717	proteomics_log	4402130	4402165	+	2	67	R.IMRGEGDAEAAK.L	16
PLOG+9718	proteomics_log	4402130	4402216	+	2	196	R.IMRGEGDAEAAKLFADAFSKDPDFYAFIR.S	33
PLOG+9719	proteomics_log	4402139	4402216	+	2	73	R.GEGDAEAAKLFADAFSKDPDFYAFIR.S	30
PLOG+9720	proteomics_log	4402166	4402216	+	2	54	K.LFADAFSKDPDFYAFIR.S	21
PLOG+9721	proteomics_log	4402217	4402294	+	2	32	R.SLRAYENSFSGNQDVMVMSPDSDFFR.Y	30
PLOG+9722	proteomics_log	4402226	4402294	+	2	2	R.AYENSFSGNQDVM*VM*SPDSDFFR.Y	29
PLOG+9723	proteomics_log	4402226	4402294	+	2	6	R.AYENSFSGNQDVMVMSPDSDFFR.Y	27
PLOG+9724	proteomics_log	4402713	4402766	+	3	29	M.GNNVVVLGTQWGDEGKGI	22
PLOG+9725	proteomics_log	4402713	4402796	+	3	50	M.GNNVVVLGTQWGDEGKGIIVDLLTERAK.Y	32
PLOG+9726	proteomics_log	4402713	4402790	+	3	136	M.GNNVVVLGTQWGDEGKGIIVDLLTER.A	30
PLOG+9727	proteomics_log	4402722	4402790	+	3	2	N.VVVLGTQWGDEGKGIIVDLLTER.A	27
PLOG+9728	proteomics_log	4402767	4402796	+	3	3	K.IVDLLTERAK.Y	14
PLOG+9729	proteomics_log	4402767	4402790	+	3	143	K.IVDLLTER.A	12
PLOG+9730	proteomics_log	4402809	4402895	+	3	4	R.YQGGHNAGHTLVINGEKTIVLHLIPSGILR.E	33
PLOG+9731	proteomics_log	4402809	4402859	+	3	72	R.YQGGHNAGHTLVINGEK.T	21
PLOG+9732	proteomics_log	4402860	4402979	+	3	3	K.TVLHLIPSGILRENVTSIIGNGVVLSAALMKEMKELEDR.G	44
PLOG+9733	proteomics_log	4402860	4402955	+	3	7	K.TVLHLIPSGILRENVTSIIGNGVVLSAALM*K.E	37
PLOG+9734	proteomics_log	4402860	4402895	+	3	36	K.TVLHLIPSGILR.E	16
PLOG+9735	proteomics_log	4402860	4402955	+	3	184	K.TVLHLIPSGILRENVTSIIGNGVVLSAALMK.E	36
PLOG+9736	proteomics_log	4402896	4402955	+	3	3	R.ENVTSIIGNGVVLSAALM*K.E	25
PLOG+9737	proteomics_log	4402896	4402979	+	3	4	R.ENVTSIIGNGVVLSAALMKEMKELEDR.G	32
PLOG+9738	proteomics_log	4402896	4402955	+	3	129	R.ENVTSIIGNGVVLSAALMK.E	24
PLOG+9739	proteomics_log	4403001	4403063	+	3	2	R.LLLSEACPLILDYHVALDNAR.E	25
PLOG+9740	proteomics_log	4403001	4403069	+	3	2	R.LLLSEACPLILDYHVALDNAREK.A	27
PLOG+9741	proteomics_log	4403001	4403075	+	3	8	R.LLLSEACPLILDYHVALDNAREKAR.G	29
PLOG+9742	proteomics_log	4403076	4403105	+	3	11	R.GAKAIGTTGR.G	14
PLOG+9743	proteomics_log	4403085	4403141	+	3	27	K.AIGTTGRGIGPAYEDKVAR.R	23
PLOG+9744	proteomics_log	4403106	4403132	+	3	2	R.GIGPAYEDK.V	13
PLOG+9745	proteomics_log	4403106	4403144	+	3	8	R.GIGPAYEDKVARR.G	17
PLOG+9746	proteomics_log	4403106	4403141	+	3	53	R.GIGPAYEDKVAR.R	16
PLOG+9747	proteomics_log	4403133	4403198	+	3	2	K.VARRGLRVGDLFDKETFAEKLEK.E	26
PLOG+9748	proteomics_log	4403154	4403243	+	3	3	R.VGDLFDKETFAEKLEKMEYHNFQLVNYK.A	34

PLOG+9749	proteomics_log	4403154	4403192	+	3	20	R.VGDLFDKETFAEK.L	17
PLOG+9750	proteomics_log	4403184	4403267	+	3	5	F.AEKLKEVMEYHNFQLVNYKAEAVDYQK.V	32
PLOG+9751	proteomics_log	4403193	4403243	+	3	4	K.LKEVMEYHNFQLVNYK.A	21
PLOG+9752	proteomics_log	4403244	4403267	+	3	3	K.AEAVDYQK.V	12
PLOG+9753	proteomics_log	4403268	4403354	+	3	4	K.VLDDTM*AVADILTSMVVDVSDLLDQARQR.G	34
PLOG+9754	proteomics_log	4403268	4403348	+	3	13	K.VLDDTM*AVADILTSM*VVDVSDLLDQAR.Q	32
PLOG+9755	proteomics_log	4403268	4403348	+	3	13	K.VLDDTM*AVADILTSM*VVDVSDLLDQAR.Q	33
PLOG+9756	proteomics_log	4403268	4403348	+	3	37	K.VLDDTM*AVADILTSMVVDVSDLLDQAR.Q	32
PLOG+9757	proteomics_log	4403268	4403348	+	3	38	K.VLDDTM*AVADILTSMVVDVSDLLDQAR.Q	31
PLOG+9758	proteomics_log	4403268	4403354	+	3	53	K.VLDDTM*AVADILTSMVVDVSDLLDQARQR.G	33
PLOG+9759	proteomics_log	4403484	4403528	+	3	20	R.YVDYVLGILKAYSTR.V	19
PLOG+9760	proteomics_log	4403484	4403513	+	3	90	R.YVDYVLGILK.A	14
PLOG+9761	proteomics_log	4403529	4403570	+	3	2	R.VGAGFPFTELFDET.G	18
PLOG+9762	proteomics_log	4403589	4403621	+	3	29	K.QGNEFGATTGR.R	15
PLOG+9763	proteomics_log	4403628	4403663	+	3	4	R.RTGWLDTVAVRR.A	16
PLOG+9764	proteomics_log	4403631	4403660	+	3	64	R.TGWLDTVAVR.R	14
PLOG+9765	proteomics_log	4403661	4403738	+	3	2	R.RAVQLNSLSGFCLTKLDVLDGLKEVK.L	30
PLOG+9766	proteomics_log	4403664	4403738	+	3	3	R.AVQLNSLSGFCLTKLDVLDGLKEVK.L	29
PLOG+9767	proteomics_log	4403706	4403738	+	3	30	K.LDVLDGLKEVK.L	15
PLOG+9768	proteomics_log	4403772	4403810	+	3	4	R.EVTTTPLAADDWK.G	17
PLOG+9769	proteomics_log	4403772	4403876	+	3	13	R.EVTTTPLAADDWKGVPIYETMPGWSESTFGVKDR.S	39
PLOG+9770	proteomics_log	4403811	4403870	+	3	3	K.GVEPIYETMPGWSESTFGVK.D	24
PLOG+9771	proteomics_log	4403877	4404005	+	3	4	R.SGLPQAALNYIKRIEELTGVPIDIISTGPDRTETM*ILRDPFDA.-	48
PLOG+9772	proteomics_log	4403877	4403912	+	3	10	R.SGLPQAALNYIK.R	16
PLOG+9773	proteomics_log	4403877	4403915	+	3	13	R.SGLPQAALNYIKR.I	17
PLOG+9774	proteomics_log	4403913	4404005	+	3	3	K.RIEELTGVPIDIISTGPDRTETM*ILRDPFDA.-	36
PLOG+9775	proteomics_log	4403913	4404005	+	3	24	K.RIEELTGVPIDIISTGPDRTETMILRDPFDA.-	35
PLOG+9776	proteomics_log	4403916	4404005	+	3	3	R.IEELTGVPIDIISTGPDRTETM*ILRDPFDA.-	35
PLOG+9777	proteomics_log	4403916	4403969	+	3	5	R.IEELTGVPIDIISTGPDRT.T	22
PLOG+9778	proteomics_log	4403916	4404005	+	3	192	R.IEELTGVPIDIISTGPDRTETMILRDPFDA.-	34
PLOG+9779	proteomics_log	4403970	4404005	+	3	13	R.TETMILRDPFDA.-	16
PLOG+9780	proteomics_log	4404543	4404620	+	3	19	K.AVQSFLTELDNYTLADLVEENQPLYK.L	30
PLOG+9781	proteomics_log	4406228	4406299	+	2	15	R.DYAEELLESVADRPDAEMLQTMLLR.S	28
PLOG+9782	proteomics_log	4406804	4406830	+	2	3	R.VEAVNM*DER.K	14
PLOG+9783	proteomics_log	4407403	4407462	+	1	4	R.LLPLIHALESQGVVIQLANR.Q	24
PLOG+9784	proteomics_log	4407640	4407681	+	1	5	R.SADAAGVHAVIVPK.D	18
PLOG+9785	proteomics_log	4407640	4407687	+	1	7	R.SADAAGVHAVIVPKDR.S	20
PLOG+9786	proteomics_log	4407784	4407855	+	1	2	R.MLQEENIWIVGTAGEADHTLYQSK.M	28
PLOG+9787	proteomics_log	4420578	4420619	+	3	9	Q.QWRDAGIGQVVYHR.S	18
PLOG+9788	proteomics_log	4423141	4423212	+	1	3	S.M*RHYEIVFMVHPDQSEQVPGM*IER.Y	30
PLOG+9789	proteomics_log	4423141	4423212	+	1	9	S.M*RHYEIVFM*VHPDQSEQVPGMIER.Y	30
PLOG+9790	proteomics_log	4423141	4423212	+	1	10	S.MRHYEIVFM*VHPDQSEQVPGM*IER.Y	30
PLOG+9791	proteomics_log	4423141	4423212	+	1	18	S.MRHYEIVFMVHPDQSEQVPGM*IER.Y	29
PLOG+9792	proteomics_log	4423141	4423212	+	1	3	S.M*RHYEIVFM*VHPDQSEQVPGM*IER.Y	31
PLOG+9793	proteomics_log	4423141	4423212	+	1	26	S.MRHYEIVFM*VHPDQSEQVPGMIER.Y	29
PLOG+9794	proteomics_log	4423141	4423212	+	1	44	S.M*RHYEIVFMVHPDQSEQVPGMIER.Y	29

PLOG+9795	proteomics_log	4423141	4423212	+	1	371	S.MRHYEIVFMVHPDQSEQVPGMIER.Y	28
PLOG+9796	proteomics_log	4423147	4423212	+	1	2	R.HYEIVFMVHPDQSEQVPGM*IER.Y	27
PLOG+9797	proteomics_log	4423147	4423212	+	1	2	R.HYEIVFM*VHPDQSEQVPGMIER.Y	27
PLOG+9798	proteomics_log	4423147	4423212	+	1	2	R.HYEIVFM*VHPDQSEQVPGM*IER.Y	28
PLOG+9799	proteomics_log	4423147	4423212	+	1	151	R.HYEIVFMVHPDQSEQVPGMIER.Y	26
PLOG+9800	proteomics_log	4423156	4423212	+	1	2	E.IVFMVHPDQSEQVPGMIER.Y	23
PLOG+9801	proteomics_log	4423168	4423212	+	1	10	M.VHPDQSEQVPGMIER.Y	19
PLOG+9802	proteomics_log	4423213	4423272	+	1	31	R.YTAAITGAEGKIHRLEDWGR.R	24
PLOG+9803	proteomics_log	4423213	4423275	+	1	47	R.YTAAITGAEGKIHRLEDWGRR.Q	25
PLOG+9804	proteomics_log	4423213	4423254	+	1	142	R.YTAAITGAEGKIHR.L	18
PLOG+9805	proteomics_log	4423213	4423245	+	1	313	R.YTAAITGAEGK.I	15
PLOG+9806	proteomics_log	4423219	4423254	+	1	8	T.AAITGAEGKIHR.L	16
PLOG+9807	proteomics_log	4423246	4423272	+	1	7	K.IHRLEDWGR.R	13
PLOG+9808	proteomics_log	4423273	4423299	+	1	24	R.RQLAYPINK.L	13
PLOG+9809	proteomics_log	4423273	4423308	+	1	56	R.RQLAYPINKLHK.A	16
PLOG+9810	proteomics_log	4423276	4423377	+	1	4	R.QLAYPINKLHKAHYVLM*NVEAPQEVIDELETTFR.F	39
PLOG+9811	proteomics_log	4423276	4423398	+	1	5	R.QLAYPINKLHKAHYVLM*NVEAPQEVIDELETTFRFNDAVIR.S	46
PLOG+9812	proteomics_log	4423276	4423377	+	1	7	R.QLAYPINKLHKAHYVLMNVEAPQEVIDELETTFR.F	38
PLOG+9813	proteomics_log	4423276	4423308	+	1	37	R.QLAYPINKLHK.A	15
PLOG+9814	proteomics_log	4423285	4423308	+	1	2	A.YPINKLHK.A	12
PLOG+9815	proteomics_log	4423300	4423398	+	1	8	K.LHKAHYVLM*NVEAPQEVIDELETTFRFNDAVIR.S	38
PLOG+9816	proteomics_log	4423300	4423377	+	1	8	K.LHKAHYVLM*NVEAPQEVIDELETTFR.F	31
PLOG+9817	proteomics_log	4423300	4423377	+	1	61	K.LHKAHYVLMNVEAPQEVIDELETTFR.F	30
PLOG+9818	proteomics_log	4423300	4423398	+	1	75	K.LHKAHYVLMNVEAPQEVIDELETTFRFNDAVIR.S	37
PLOG+9819	proteomics_log	4423306	4423377	+	1	32	H.KAHYVLMNVEAPQEVIDELETTFR.F	28
PLOG+9820	proteomics_log	4423309	4423374	+	1	3	K.AHYVLM*NVEAPQEVIDELETTFR.F	27
PLOG+9821	proteomics_log	4423309	4423374	+	1	6	K.AHYVLMNVEAPQEVIDELETTFR.F	26
PLOG+9822	proteomics_log	4423309	4423377	+	1	92	K.AHYVLM*NVEAPQEVIDELETTFR.F	28
PLOG+9823	proteomics_log	4423309	4423398	+	1	296	K.AHYVLM*NVEAPQEVIDELETTFRFNDAVIR.S	35
PLOG+9824	proteomics_log	4423309	4423377	+	1	367	K.AHYVLMNVEAPQEVIDELETTFR.F	27
PLOG+9825	proteomics_log	4423309	4423398	+	1	562	K.AHYVLMNVEAPQEVIDELETTFRFNDAVIR.S	34
PLOG+9826	proteomics_log	4423312	4423398	+	1	8	A.HYVLMNVEAPQEVIDELETTFRFNDAVIR.S	33
PLOG+9827	proteomics_log	4423318	4423377	+	1	3	Y.VLM*NVEAPQEVIDELETTFR.F	25
PLOG+9828	proteomics_log	4423318	4423398	+	1	21	Y.VLMNVEAPQEVIDELETTFRFNDAVIR.S	31
PLOG+9829	proteomics_log	4423318	4423377	+	1	83	Y.VLMNVEAPQEVIDELETTFR.F	24
PLOG+9830	proteomics_log	4423324	4423398	+	1	2	L.MNVEAPQEVIDELETTFRFNDAVIR.S	29
PLOG+9831	proteomics_log	4423324	4423377	+	1	7	L.MNVEAPQEVIDELETTFR.F	22
PLOG+9832	proteomics_log	4423327	4423377	+	1	30	M.NVEAPQEVIDELETTFR.F	21
PLOG+9833	proteomics_log	4423330	4423398	+	1	2	N.VEAPQEVIDELETTFRFNDAVIR.S	27
PLOG+9834	proteomics_log	4423330	4423377	+	1	286	N.VEAPQEVIDELETTFR.F	20
PLOG+9835	proteomics_log	4423336	4423377	+	1	2	E.APQEVIDELETTFR.F	18
PLOG+9836	proteomics_log	4423339	4423377	+	1	3	A.PQEVIDELETTFR.F	17
PLOG+9837	proteomics_log	4423339	4423398	+	1	5	A.PQEVIDELETTFRFNDAVIR.S	24
PLOG+9838	proteomics_log	4423375	4423398	+	1	3	F.RFNDAVIR.S	12
PLOG+9839	proteomics_log	4423378	4423398	+	1	194	R.FNDAVIR.S	11
PLOG+9840	proteomics_log	4423399	4423452	+	1	12	R.SMVMRTKHAVTEASPMVK.A	22

PLOG+9841	proteomics_log	4423414	4423446	+	1	3	R.TKHAVTEASPM*.V	16
PLOG+9842	proteomics_log	4423414	4423476	+	1	9	R.TKHAVTEASPMVKAKDERRER.R	25
PLOG+9843	proteomics_log	4423414	4423470	+	1	15	R.TKHAVTEASPMVKAKDERR.E	23
PLOG+9844	proteomics_log	4423414	4423458	+	1	43	R.TKHAVTEASPMVKAK.D	19
PLOG+9845	proteomics_log	4423414	4423467	+	1	45	R.TKHAVTEASPMVKAKDER.R	22
PLOG+9846	proteomics_log	4423414	4423452	+	1	230	R.TKHAVTEASPM*VK.A	18
PLOG+9847	proteomics_log	4423414	4423452	+	1	363	R.TKHAVTEASPMVK.A	17
PLOG+9848	proteomics_log	4423420	4423467	+	1	6	K.HAVTEASPM*VKAKDER.R	21
PLOG+9849	proteomics_log	4423420	4423458	+	1	8	K.HAVTEASPM*VKAK.D	18
PLOG+9850	proteomics_log	4423420	4423458	+	1	11	K.HAVTEASPMVKAK.D	17
PLOG+9851	proteomics_log	4423420	4423476	+	1	27	K.HAVTEASPMVKAKDERRER.R	23
PLOG+9852	proteomics_log	4423420	4423470	+	1	39	K.HAVTEASPMVKAKDERR.E	21
PLOG+9853	proteomics_log	4423420	4423467	+	1	63	K.HAVTEASPMVKAKDER.R	20
PLOG+9854	proteomics_log	4423420	4423452	+	1	200	K.HAVTEASPM*VK.A	16
PLOG+9855	proteomics_log	4423420	4423452	+	1	354	K.HAVTEASPMVK.A	15
PLOG+9856	proteomics_log	4423477	4423533	+	1	33	R.RDDFANETADDAEAGDSEE.-	23
PLOG+9857	proteomics_log	4423480	4423533	+	1	5	R.DDFANETADDAEAGDSEE.-	22
PLOG+9858	proteomics_log	4423895	4423975	+	2	6	C.RFTAEGVQEIDYKDIATLKNYITESGK.I	31
PLOG+9859	proteomics_log	4423895	4424005	+	2	6	C.RFTAEGVQEIDYKDIATLKNYITESGKIVPSRITGTR.A	41
PLOG+9860	proteomics_log	4423895	4423990	+	2	12	C.RFTAEGVQEIDYKDIATLKNYITESGKIVPSR.I	36
PLOG+9861	proteomics_log	4423895	4423951	+	2	22	C.RFTAEGVQEIDYKDIATLK.N	23
PLOG+9862	proteomics_log	4423898	4423933	+	2	132	R.FTAEGVQEIDYK.D	16
PLOG+9863	proteomics_log	4423898	4424005	+	2	186	R.FTAEGVQEIDYKDIATLKNYITESGKIVPSRITGTR.A	40
PLOG+9864	proteomics_log	4423898	4423975	+	2	216	R.FTAEGVQEIDYKDIATLKNYITESGK.I	30
PLOG+9865	proteomics_log	4423898	4423951	+	2	292	R.FTAEGVQEIDYKDIATLK.N	22
PLOG+9866	proteomics_log	4423898	4423990	+	2	348	R.FTAEGVQEIDYKDIATLKNYITESGKIVPSR.I	35
PLOG+9867	proteomics_log	4423925	4423975	+	2	2	I.DYKDIATLKNYITESGK.I	21
PLOG+9868	proteomics_log	4423934	4423975	+	2	8	K.DIATLKNYITESGK.I	18
PLOG+9869	proteomics_log	4423934	4424005	+	2	16	K.DIATLKNYITESGKIVPSRITGTR.A	28
PLOG+9870	proteomics_log	4423934	4423990	+	2	94	K.DIATLKNYITESGKIVPSR.I	23
PLOG+9871	proteomics_log	4423952	4423975	+	2	50	K.NYITESGK.I	12
PLOG+9872	proteomics_log	4423952	4424005	+	2	55	K.NYITESGKIVPSRITGTR.A	22
PLOG+9873	proteomics_log	4423952	4423990	+	2	94	K.NYITESGKIVPSR.I	17
PLOG+9874	proteomics_log	4424045	4424080	+	2	6	R.ARYLSLLPYTDR.H	16
PLOG+9875	proteomics_log	4424045	4424086	+	2	80	R.ARYLSLLPYTDRHQ.-	18
PLOG+9876	proteomics_log	4424051	4424074	+	2	11	R.YLSLLPYT.D	12
PLOG+9877	proteomics_log	4424051	4424080	+	2	76	R.YLSLLPYTDR.H	14
PLOG+9878	proteomics_log	4424051	4424086	+	2	181	R.YLSLLPYTDRHQ.-	16
PLOG+9879	proteomics_log	4424131	4424235	+	1	8	V.MQVILLDKVANLGLSLGDQVNVKAGYARNFLVPQGK.A	39
PLOG+9880	proteomics_log	4424131	4424154	+	1	13	V.MQVILLDK.V	12
PLOG+9881	proteomics_log	4424131	4424211	+	1	37	V.M*QVILLDKVANLGLSLGDQVNVKAGYAR.N	32
PLOG+9882	proteomics_log	4424131	4424211	+	1	139	V.MQVILLDKVANLGLSLGDQVNVKAGYAR.N	31
PLOG+9883	proteomics_log	4424131	4424196	+	1	210	V.M*QVILLDKVANLGLSLGDQVNVK.A	27
PLOG+9884	proteomics_log	4424131	4424196	+	1	786	V.MQVILLDKVANLGLSLGDQVNVK.A	26
PLOG+9885	proteomics_log	4424137	4424196	+	1	4	Q.VILLDKVANLGLSLGDQVNVK.A	24
PLOG+9886	proteomics_log	4424140	4424196	+	1	14	V.ILLDKVANLGLSLGDQVNVK.A	23

PLOG+9887	proteomics_log	4424143	4424196	+	1	7	I.LLDKVANLGLSDQVNVK.A	22
PLOG+9888	proteomics_log	4424149	4424196	+	1	2	L.DKVANLGLSDQVNVK.A	20
PLOG+9889	proteomics_log	4424155	4424235	+	1	2	K.VANLGLSDQVNVKAGYARNFLVPQGK.A	31
PLOG+9890	proteomics_log	4424155	4424211	+	1	60	K.VANLGLSDQVNVKAGYAR.N	23
PLOG+9891	proteomics_log	4424155	4424196	+	1	293	K.VANLGLSDQVNVK.A	18
PLOG+9892	proteomics_log	4424167	4424211	+	1	2	L.GSLGDQVNVKAGYAR.N	19
PLOG+9893	proteomics_log	4424212	4424280	+	1	8	R.NFLVPQGKAVPATKKNIEFFEAR.R	27
PLOG+9894	proteomics_log	4424212	4424235	+	1	84	R.NFLVPQGK.A	12
PLOG+9895	proteomics_log	4424236	4424334	+	1	23	K.AVPATKKNIEFFARRAELEAKLAEVLAAANAR.A	37
PLOG+9896	proteomics_log	4424236	4424280	+	1	217	K.AVPATKKNIEFFEAR.R	19
PLOG+9897	proteomics_log	4424242	4424280	+	1	23	V.PATKKNIEFFEAR.R	17
PLOG+9898	proteomics_log	4424254	4424283	+	1	3	K.KNIEFFEAR.A	14
PLOG+9899	proteomics_log	4424254	4424334	+	1	27	K.KNIEFFARRAELEAKLAEVLAAANAR.A	31
PLOG+9900	proteomics_log	4424254	4424280	+	1	55	K.KNIEFFEAR.R	13
PLOG+9901	proteomics_log	4424257	4424283	+	1	2	K.NIEFFEAR.A	13
PLOG+9902	proteomics_log	4424257	4424280	+	1	99	K.NIEFFEAR.R	12
PLOG+9903	proteomics_log	4424257	4424334	+	1	174	K.NIEFFARRAELEAKLAEVLAAANAR.A	30
PLOG+9904	proteomics_log	4424269	4424334	+	1	9	F.FEARRAELEAKLAEVLAAANAR.A	26
PLOG+9905	proteomics_log	4424281	4424379	+	1	10	R.RAELEAKLAEVLAAANARA EKINALETVTIASK.A	37
PLOG+9906	proteomics_log	4424281	4424343	+	1	12	R.RAELEAKLAEVLAAANARA EK.I	25
PLOG+9907	proteomics_log	4424281	4424334	+	1	501	R.RAELEAKLAEVLAAANAR.A	22
PLOG+9908	proteomics_log	4424284	4424334	+	1	220	R.AELEAKLAEVLAAANAR.A	21
PLOG+9909	proteomics_log	4424302	4424349	+	1	6	K.LAEVLAAANARA EKIN.A	20
PLOG+9910	proteomics_log	4424302	4424379	+	1	19	K.LAEVLAAANARA EKINALETVTIASK.A	30
PLOG+9911	proteomics_log	4424302	4424334	+	1	530	K.LAEVLAAANAR.A	15
PLOG+9912	proteomics_log	4424305	4424334	+	1	2	L.AEVLAAANAR.A	14
PLOG+9913	proteomics_log	4424335	4424466	+	1	12	R.AEKINALETVTIASKAGDEGKLF SIGTRDIADAVTAAGVEVAK.S	48
PLOG+9914	proteomics_log	4424335	4424397	+	1	20	R.AEKINALETVTIASKAGDEGK.L	25
PLOG+9915	proteomics_log	4424335	4424421	+	1	296	R.AEKINALETVTIASKAGDEGKLF SIGTR.D	33
PLOG+9916	proteomics_log	4424335	4424379	+	1	311	R.AEKINALETVTIASK.A	19
PLOG+9917	proteomics_log	4424344	4424379	+	1	58	K.INALETVTIASK.A	16
PLOG+9918	proteomics_log	4424344	4424421	+	1	136	K.INALETVTIASKAGDEGKLF SIGTR.D	30
PLOG+9919	proteomics_log	4424380	4424478	+	1	16	K.AGDEGKLF SIGTRDIADAVTAAGVEVAKSEVR.L	37
PLOG+9920	proteomics_log	4424380	4424499	+	1	104	K.AGDEGKLF SIGTRDIADAVTAAGVEVAKSEVRLPNGVLR.T	44
PLOG+9921	proteomics_log	4424380	4424466	+	1	146	K.AGDEGKLF SIGTRDIADAVTAAGVEVAK.S	33
PLOG+9922	proteomics_log	4424380	4424421	+	1	238	K.AGDEGKLF SIGTR.D	18
PLOG+9923	proteomics_log	4424398	4424499	+	1	22	K.LF SIGTRDIADAVTAAGVEVAKSEVRLPNGVLR.T	38
PLOG+9924	proteomics_log	4424422	4424478	+	1	171	R.DIADAVTAAGVEVAKSEVR.L	23
PLOG+9925	proteomics_log	4424422	4424466	+	1	393	R.DIADAVTAAGVEVAK.S	19
PLOG+9926	proteomics_log	4424422	4424499	+	1	401	R.DIADAVTAAGVEVAKSEVRLPNGVLR.T	30
PLOG+9927	proteomics_log	4424428	4424499	+	1	3	I.ADAVTAAGVEVAKSEVRLPNGVLR.T	28
PLOG+9928	proteomics_log	4424467	4424499	+	1	42	K.SEVRLPNGVLR.T	15
PLOG+9929	proteomics_log	4424500	4424553	+	1	501	R.TTGEHEVSFQVHSEVFAK.V	22
PLOG+9930	proteomics_log	4427060	4427137	+	2	2	L.PEALVAGIADALEGKHPAVPVDVVHR.A	30
PLOG+9931	proteomics_log	4427180	4427215	+	2	2	R.QRFQAM*AAEGVK.Y	17
PLOG+9932	proteomics_log	4427180	4427215	+	2	5	R.QRFQAMAAEGVK.Y	16

PLOG+9933	proteomics_log	4427186	4427215	+	2	2	R.FQAM*AAEGVK.Y	15
PLOG+9934	proteomics_log	4427186	4427278	+	2	11	R.FQAMAAEGVKYLEENAKKEGVNSTESGLQFR.V	35
PLOG+9935	proteomics_log	4427186	4427215	+	2	12	R.FQAMAAEGVK.Y	14
PLOG+9936	proteomics_log	4427216	4427278	+	2	55	K.YLEENAKKEGVNSTESGLQFR.V	25
PLOG+9937	proteomics_log	4427240	4427278	+	2	17	K.EGVNSTESGLQFR.V	17
PLOG+9938	proteomics_log	4427279	4427329	+	2	4	R.VINQGEGAIPARTDRVR.V	21
PLOG+9939	proteomics_log	4427279	4427314	+	2	33	R.VINQGEGAIIPAR.T	16
PLOG+9940	proteomics_log	4427330	4427347	+	2	4	A.VHYTGK.I	10
PLOG+9941	proteomics_log	4427330	4427347	+	2	4	A.VHYTGK.I	10
PLOG+9942	proteomics_log	4427330	4427386	+	2	21	R.VHYTGKIDGTVFDSSVAR.G	23
PLOG+9943	proteomics_log	4427348	4427467	+	2	2	K.LIDGTVFDSSVARGEPAEFPVNGVIPGWIEALTLMPVGSK.W	44
PLOG+9944	proteomics_log	4427348	4427386	+	2	64	K.LIDGTVFDSSVAR.G	17
PLOG+9945	proteomics_log	4427387	4427467	+	2	3	R.GEPAEFPVNGVIPGWIEALTLMPVGSK.W	32
PLOG+9946	proteomics_log	4427387	4427467	+	2	48	R.GEPAEFPVNGVIPGWIEALTLMPVGSK.W	31
PLOG+9947	proteomics_log	4427387	4427509	+	2	91	R.GEPAEFPVNGVIPGWIEALTLMPVGSKWELTIPQELAYGER.G	45
PLOG+9948	proteomics_log	4427468	4427509	+	2	26	K.WELTIPQELAYGER.G	18
PLOG+9949	proteomics_log	4427510	4427575	+	2	194	R.GAGASIPPFSTLVFEVELLEIL.-	26
PLOG+9950	proteomics_log	4427890	4427949	+	1	6	M.VDQVKVVADDQAPAEQSLRR.N	24
PLOG+9951	proteomics_log	4427905	4427946	+	1	2	K.VVADDQAPAEQSLR.R	18
PLOG+9952	proteomics_log	4428847	4428885	+	1	11	R.MLFGLAQEGVAPK.A	17
PLOG+9953	proteomics_log	4434808	4434870	+	1	3	R.NAGDAIMQVYDGTKPM DVVSK.A	25
PLOG+9954	proteomics_log	4434937	4434996	+	1	3	R.TLTPDVPVLSEEDPPGWEVR.Q	24
PLOG+9955	proteomics_log	4435060	4435167	+	1	6	R.NGEFTVNIALIDHGKPI LGVVYAPVMNMYSAAEGK.A	40
PLOG+9956	proteomics_log	4435213	4435245	+	1	2	R.DARPLVVISR.S	15
PLOG+9957	proteomics_log	4435246	4435326	+	1	3	R.SHADAE LKEYLQQLGEHQ TTSIGSSLK.F	31
PLOG+9958	proteomics_log	4435270	4435368	+	1	4	K.EYLQQLGEHQ TTSIGSSLK FCLVAEQQAQLYPR.F	37
PLOG+9959	proteomics_log	4435369	4435476	+	1	2	R.FGPTNIWDTAAGHAVAAAAGAHVHDWQ GKPLDYTPR.E	40
PLOG+9960	proteomics_log	4445021	4445104	+	2	3	R.MDVSPDVVFEATPNLFTLDGRVDVPWAR.I	32
PLOG+9961	proteomics_log	4445456	4445521	+	2	2	N.PDATEDDVIAGVRVTGLADEPK.A	26
PLOG+9962	proteomics_log	4448048	4448098	+	2	4	A.APLTVGFSQVGSSESGWR.A	21
PLOG+9963	proteomics_log	4448099	4448140	+	2	2	R.AAETNVAKSEAEKR.G	18
PLOG+9964	proteomics_log	4448156	4448194	+	2	5	K.IADGQQKQENQIK.A	17
PLOG+9965	proteomics_log	4448156	4448203	+	2	9	K.IADGQQKQENQIKAVR.S	20
PLOG+9966	proteomics_log	4448204	4448287	+	2	3	R.SFVAQGVDAIFIAPVVATGWEPVLKEAK.D	32
PLOG+9967	proteomics_log	4448204	4448278	+	2	5	R.SFVAQGVDAIFIAPVVATGWEPVLK.E	29
PLOG+9968	proteomics_log	4448204	4448320	+	2	9	R.SFVAQGVDAIFIAPVVATGWEPVLKEAKDAEIPVFLDR.S	43
PLOG+9969	proteomics_log	4448288	4448320	+	2	9	K.DAEIPVFLDR.S	15
PLOG+9970	proteomics_log	4450455	4450493	+	3	4	I.SSELEELVGYADR.V	17
PLOG+9971	proteomics_log	4453940	4454026	+	2	2	K.QGIELIQGYDASQLEPQPDLVIIGNAMTR.G	33
PLOG+9972	proteomics_log	4453940	4454026	+	2	2	K.QGIELIQGYDASQLEPQPDLVIIGNAM*TR.G	34
PLOG+9973	proteomics_log	4454345	4454413	+	2	9	R.TLILNNLEFDHADIFDDLKAIQK.Q	27
PLOG+9974	proteomics_log	4454558	4454623	+	2	3	K.KLTTDASEWEVLLDGEKVG EVK.W	26
PLOG+9975	proteomics_log	4454684	4454743	+	2	76	R.HVGVAPADAANALGSFINAR.R	24
PLOG+9976	proteomics_log	4454762	4454842	+	2	2	R.GEANGVTYDDFAHHP TAILATLAALR.G	31
PLOG+9977	proteomics_log	4455140	4455178	+	2	7	K.LLDGLAKKAEAAQ.-	17
PLOG+9978	proteomics_log	4455994	4456026	+	1	3	A.M*KVISQVEAQR.K	16

PLOG+9979	proteomics_log	4455994	4456029	+	1	6	A.M*KVISQVEAQRK.I	17
PLOG+9980	proteomics_log	4455994	4456026	+	1	46	A.MKVISQVEAQR.K	15
PLOG+9981	proteomics_log	4456027	4456077	+	1	11	R.KILEEAVSTALELASGK.S	21
PLOG+9982	proteomics_log	4456027	4456107	+	1	46	R.KILEEAVSTALELASGKSDGAEVAVSK.T	31
PLOG+9983	proteomics_log	4456030	4456107	+	1	5	K.ILEEAVSTALELASGKSDGAEVAVSK.T	30
PLOG+9984	proteomics_log	4456030	4456077	+	1	13	K.ILEEAVSTALELASGK.S	20
PLOG+9985	proteomics_log	4456078	4456107	+	1	2	K.SDGAEVAVSK.T	14
PLOG+9986	proteomics_log	4456207	4456254	+	1	12	R.KGSASSTDLSPQAIAR.T	20
PLOG+9987	proteomics_log	4456255	4456284	+	1	16	R.TVQAALDIAR.Y	14
PLOG+9988	proteomics_log	4456411	4456443	+	1	79	R.AEQAALQADKR.I	15
PLOG+9989	proteomics_log	4456444	4456491	+	1	7	R.ITNTEGGSFNSHYGVK.V	20
PLOG+9990	proteomics_log	4456693	4456797	+	1	2	R.KLSTMKAPVIFANEVATGLFGHLVGAIAAGGSVYRK.S	39
PLOG+9991	proteomics_log	4456693	4456797	+	1	2	R.KLSTM*KAPVIFANEVATGLFGHLVGAIAAGGSVYRK.S	40
PLOG+9992	proteomics_log	4456693	4456794	+	1	5	R.KLSTMKAPVIFANEVATGLFGHLVGAIAAGGSVYR.K	38
PLOG+9993	proteomics_log	4456711	4456797	+	1	5	K.APVIFANEVATGLFGHLVGAIAAGGSVYRK.S	33
PLOG+9994	proteomics_log	4456711	4456794	+	1	19	K.APVIFANEVATGLFGHLVGAIAAGGSVYR.K	32
PLOG+9995	proteomics_log	4456798	4456827	+	1	2	K.STFLLDSL GK.Q	14
PLOG+9996	proteomics_log	4456798	4456878	+	1	9	K.STFLLDSL GKQILPDWLTIEEHPHLLK.G	31
PLOG+9997	proteomics_log	4456828	4456878	+	1	2	K.QILPDWLTIEEHPHLLK.G	21
PLOG+9998	proteomics_log	4456927	4456986	+	1	2	R.RDIKDGILTQWLLTSYSAR.K	24
PLOG+9999	proteomics_log	4456930	4456986	+	1	13	R.DIIKDGILTQWLLTSYSAR.K	23
PLOG+10000	proteomics_log	4457002	4457037	+	1	3	K.STGHAGGIHNWR.I	16
PLOG+10001	proteomics_log	4457038	4457076	+	1	8	R.IAGQGLSFEQMLK.E	17
PLOG+10002	proteomics_log	4457038	4457151	+	1	70	R.IAGQGLSFEQMLKEMGTGLVVTLMGQGVSAITGDYSR.G	42
PLOG+10003	proteomics_log	4457077	4457151	+	1	12	K.EMGTGLVVTLMGQGVSAITGDYSR.G	29
PLOG+10004	proteomics_log	4457152	4457241	+	1	4	R.GAAGFWVENGEIQYPVSEITIAGNLKDMWR.N	34
PLOG+10005	proteomics_log	4457242	4457277	+	1	19	R.NIVTVGNDIETR.S	16
PLOG+10006	proteomics_log	4462143	4462199	+	3	4	R.NPSTPRSAQNSQTFSSAR.T	23
PLOG+10007	proteomics_log	4467094	4467135	+	1	2	R.HNGEIVPLDDIMLR.K	18
PLOG+10008	proteomics_log	4467346	4467381	+	1	3	K.ILTGDSSELVAAK.V	16
PLOG+10009	proteomics_log	4467541	4467597	+	1	2	R.EGHVVGFMGDGINDAPALR.A	23
PLOG+10010	proteomics_log	4467598	4467675	+	1	2	R.AADIGISVDGAVDIAREAADIILLEK.S	30
PLOG+10011	proteomics_log	4469668	4469754	+	1	11	R.EEQTALSRRWRTRTGPDALFARGSCTGCCLL.P	33
PLOG+10012	proteomics_log	4472885	4472938	+	2	2	K.M*IIGNIHNLPWLPQELR.Q	23
PLOG+10013	proteomics_log	4472885	4472938	+	2	63	K.MIIGNIHNLPWLPQELR.Q	22
PLOG+10014	proteomics_log	4472960	4472992	+	2	3	K.AHVTAETPKGK.H	15
PLOG+10015	proteomics_log	4473062	4473082	+	2	9	R.RAEYHAR.Y	11
PLOG+10016	proteomics_log	4476499	4476540	+	1	13	M.ANPEQLEE QREETR.L	18
PLOG+10017	proteomics_log	4476541	4476639	+	1	64	R.LIIIEELLE DGSDPDALYTIEHHLSADDLETLEK.A	37
PLOG+10018	proteomics_log	4519394	4519450	+	2	2	R.VAPREAI FPSFLKASGIM*R.W	24
PLOG+10019	proteomics_log	4541207	4541320	+	2	7	A.AATTVNGGTVHFKGEVVNAACAVDAGSVDQTVQLGQVR.T	42
PLOG+10020	proteomics_log	4541207	4541245	+	2	31	A.AATTVNGGTVHFK.G	17
PLOG+10021	proteomics_log	4541270	4541320	+	2	6	C.AVDAGSVDQTVQLGQVR.T	21
PLOG+10022	proteomics_log	4541321	4541368	+	2	2	R.TASLAQEGATSSAVGF.N	20
PLOG+10023	proteomics_log	4541321	4541410	+	2	4	R.TASLAQEGATSSAVGFNIQLNDCD TNVASK.A	34
PLOG+10024	proteomics_log	4541411	4541524	+	2	80	K.AVAFLGTAIDAGHTNVLALQSSAAGSATNVGVQILDR.T	42

PLOG+10025	proteomics_log	4541525	4541614	+	2	98	R.TGAALTLDGATFSSETTLNNGTNTIPFQAR.Y	34
PLOG+10026	proteomics_log	4541591	4541671	+	2	9	T.NTIPFQARYFATGAATPGAANADATFK.V	31
PLOG+10027	proteomics_log	4541615	4541659	+	2	2	R.YFATGAATPGAANAD.A	19
PLOG+10028	proteomics_log	4541615	4541683	+	2	168	R.YFATGAATPGAANADATFKVQYQ.-	27
PLOG+10029	proteomics_log	4541615	4541671	+	2	213	R.YFATGAATPGAANADATFK.V	23
PLOG+10030	proteomics_log	4542633	4542698	+	3	2	R.ILDATNNQLPQDRESLFWMNVK.A	26
PLOG+10031	proteomics_log	4542633	4542671	+	3	4	R.ILDATNNQLPQDR.E	17
PLOG+10032	proteomics_log	4542699	4542764	+	3	2	K.AIPSMDKSKLTENTLQLAISR.I	26
PLOG+10033	proteomics_log	4542837	4542914	+	3	3	R.RSANSRLINPTPYLLTVTELNAGTR.V	30
PLOG+10034	proteomics_log	4542999	4543031	+	3	4	R.TINDYGALTPK.M	15
PLOG+10035	proteomics_log	4545286	4545363	+	1	2	K.RLAQKM*QKSKTRRGCVPTGVVMPCCCL.M	31
PLOG+10036	proteomics_log	4547575	4547652	+	1	2	R.NGTIIPANNNTVSLGAVGTSAVSLGLT.A	30
PLOG+10037	proteomics_log	4548865	4548903	+	1	2	A.VVAAATAGIASFR.N	17
PLOG+10038	proteomics_log	4550142	4550174	+	3	2	R.FATMSDEDKAR.L	15
PLOG+10039	proteomics_log	4552833	4552904	+	3	5	G.SQNTDSPDANVCNDAGPFELLQAR.Q	28
PLOG+10040	proteomics_log	4555903	4555977	+	1	2	S.STSIASIAQVKSGGIWLM*DGNSPR.E	30
PLOG+10041	proteomics_log	4559788	4559847	+	1	2	R.LLMISKRGESLARVSSTQIA.C	24
PLOG+10042	proteomics_log	4564258	4564296	+	1	2	R.QLTFRQTIDPLVR.C	17
PLOG+10043	proteomics_log	4585017	4585052	+	3	2	R.YLATKPEGAAAR.D	16
PLOG+10044	proteomics_log	4585173	4585202	+	3	2	K.RAGLSQSLSR.G	14
PLOG+10045	proteomics_log	4585428	4585514	+	3	19	R.DAVADEVLENLLQVSPSRFEVIVLDVLR.L	33
PLOG+10046	proteomics_log	4585752	4585844	+	3	9	R.DFAQSVEGMVLVDGERLVHLMIENEVGVSSR.L	35
PLOG+10047	proteomics_log	4589087	4589143	+	2	2	R.RRRARGVEFHLLGVDVQTV.V	23
PLOG+10048	proteomics_log	4590697	4590735	+	1	2	R.GGKVVVDNVVQTM.R.D	17
PLOG+10049	proteomics_log	4590706	4590735	+	1	4	K.VVDNVVQTM.R.D	14
PLOG+10050	proteomics_log	4590736	4590843	+	1	12	R.DISTSSQKIADIISVIDGIAFQTNILALNAAVEAAR.A	40
PLOG+10051	proteomics_log	4590757	4590861	+	1	8	K.KIADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	39
PLOG+10052	proteomics_log	4590757	4590843	+	1	64	K.KIADIISVIDGIAFQTNILALNAAVEAAR.A	33
PLOG+10053	proteomics_log	4590757	4590861	+	1	8	K.KIADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	39
PLOG+10054	proteomics_log	4590757	4590843	+	1	64	K.KIADIISVIDGIAFQTNILALNAAVEAAR.A	33
PLOG+10055	proteomics_log	4590760	4590861	+	1	33	K.IADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	38
PLOG+10056	proteomics_log	4590760	4590843	+	1	184	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG+10057	proteomics_log	4590760	4590861	+	1	33	K.IADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	38
PLOG+10058	proteomics_log	4590760	4590843	+	1	184	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG+10059	proteomics_log	4590844	4590891	+	1	15	R.AGEQGRGFVAVAGEVR.N	20
PLOG+10060	proteomics_log	4590844	4590891	+	1	15	R.AGEQGRGFVAVAGEVR.N	20
PLOG+10061	proteomics_log	4590844	4590891	+	1	15	R.AGEQGRGFVAVAGEVR.N	20
PLOG+10062	proteomics_log	4590862	4590891	+	1	46	R.GFAVVAGEVR.N	14
PLOG+10063	proteomics_log	4590862	4590891	+	1	46	R.GFAVVAGEVR.N	14
PLOG+10064	proteomics_log	4590862	4590891	+	1	46	R.GFAVVAGEVR.N	14
PLOG+10065	proteomics_log	4590862	4590906	+	1	10	R.GFAVVAGEVRNLAQR.S	19
PLOG+10066	proteomics_log	4590862	4590891	+	1	46	R.GFAVVAGEVR.N	14
PLOG+10067	proteomics_log	4590907	4590933	+	1	4	R.SAQAAREIK.S	13
PLOG+10068	proteomics_log	4590907	4591032	+	1	19	R.SAQAAREIKSLIEDSVGKVDVGSTLVESAGETMAEIVSAVTR.V	46
PLOG+10069	proteomics_log	4590925	4591032	+	1	40	R.EIKSLIEDSVGKVDVGSTLVESAGETMAEIVSAVTR.V	40
PLOG+10070	proteomics_log	4590934	4591032	+	1	98	K.SLIEDSVGKVDVGSTLVESAGETMAEIVSAVTR.V	37

PLOG+10071	proteomics_log	4590961	4591032	+	1	17	K.VDVGSTLVESAGETMAEIVSAVTR.V	28
PLOG+10072	proteomics_log	4591033	4591083	+	1	2	R.VTDIM*GEIASASDEQSR.G	22
PLOG+10073	proteomics_log	4591033	4591083	+	1	23	R.VTDIMGEIASASDEQSR.G	21
PLOG+10074	proteomics_log	4591033	4591083	+	1	2	R.VTDIM*GEIASASDEQSR.G	22
PLOG+10075	proteomics_log	4591033	4591083	+	1	23	R.VTDIMGEIASASDEQSR.G	21
PLOG+10076	proteomics_log	4591084	4591200	+	1	6	R.GIDQVGLAVAEM*DRVTQQNAALVEESAAAAAALVEEQASR.L	44
PLOG+10077	proteomics_log	4591201	4591227	+	1	29	R.LTEAVAVFR.I	13
PLOG+10078	proteomics_log	4591228	4591290	+	1	16	R.IQQQQRETSAVVKVTPAAPR.K	25
PLOG+10079	proteomics_log	4591228	4591266	+	1	38	R.IQQQQRETSAVVK.T	17
PLOG+10080	proteomics_log	4591291	4591332	+	1	11	R.KMAVADSEENWETF.-	18
PLOG+10081	proteomics_log	4605940	4606002	+	1	3	R.LVM*VANDLPALTDPLVSDVLR.A	26
PLOG+10082	proteomics_log	4605940	4606002	+	1	13	R.LVMVANDLPALTDPLVSDVLR.A	25
PLOG+10083	proteomics_log	4606829	4606876	+	2	3	I.KTARSLHYFSTGGLR.A	20
PLOG+10084	proteomics_log	4607479	4607532	+	1	11	R.TFAIISHPDAGKTTITEK.V	22
PLOG+10085	proteomics_log	4607533	4607583	+	1	21	K.VLLFGQAIQTAGTVKGR.G	21
PLOG+10086	proteomics_log	4607533	4607577	+	1	47	K.VLLFGQAIQTAGTVK.G	19
PLOG+10087	proteomics_log	4607830	4607865	+	1	2	R.LRDTPIILTFMNK.L	16
PLOG+10088	proteomics_log	4607830	4607925	+	1	3	R.LRDTPIILTFMNKLRDIRDPMELLDEVENELK.I	36
PLOG+10089	proteomics_log	4607866	4607925	+	1	3	K.LDRDIRDPMELLDEVENELK.I	24
PLOG+10090	proteomics_log	4608061	4608141	+	1	10	K.GLNNPDLDAAVGEDLAQQLRDELELVK.G	31
PLOG+10091	proteomics_log	4608277	4608342	+	1	2	M.PRQTDTRTVEASEDKFTGFVFK.I	26
PLOG+10092	proteomics_log	4608298	4608342	+	1	25	R.TVEASEDKFTGFVFK.I	19
PLOG+10093	proteomics_log	4608442	4608495	+	1	31	R.TAKDVVISDALTFMAGDR.S	22
PLOG+10094	proteomics_log	4608793	4608852	+	1	2	R.LKSEYNVEAVYESVNVATAR.W	24
PLOG+10095	proteomics_log	4608898	4608972	+	1	26	R.KNESQLALDGGDNLAYIATSMVNL.R.L	29
PLOG+10096	proteomics_log	4608901	4608972	+	1	3	K.NESQLALDGGDNLAYIATSMVNL.R.L	28
PLOG+10097	proteomics_log	4608973	4609017	+	1	7	R.LAQERYPDVQFHQTR.E	19
PLOG+10098	proteomics_log	4608973	4609023	+	1	13	R.LAQERYPDVQFHQTR.EH.-	21
PLOG+10099	proteomics_log	4609503	4609544	+	3	15	A.ENNAQTTNESAGQK.V	18
PLOG+10100	proteomics_log	4609503	4609565	+	3	33	A.ENNAQTTNESAGQKVDSSMNK.V	25
PLOG+10101	proteomics_log	4609566	4609610	+	3	2	K.VGNFMDDSAITAKV.A	19
PLOG+10102	proteomics_log	4609566	4609604	+	3	18	K.VGNFM*DDSAITAK.V	18
PLOG+10103	proteomics_log	4609566	4609604	+	3	65	K.VGNFMDDSAITAK.V	17
PLOG+10104	proteomics_log	4609605	4609673	+	3	2	K.VKAALVDHDNIKSTDISVKTDQK.V	27
PLOG+10105	proteomics_log	4609605	4609661	+	3	6	K.VKAALVDHDNIKSTDISVK.T	23
PLOG+10106	proteomics_log	4609605	4609640	+	3	44	K.VKAALVDHDNIK.S	16
PLOG+10107	proteomics_log	4609611	4609661	+	3	4	K.AALVDHDNIKSTDISVK.T	21
PLOG+10108	proteomics_log	4609611	4609673	+	3	9	K.AALVDHDNIKSTDISVKTDQK.V	25
PLOG+10109	proteomics_log	4609611	4609640	+	3	31	K.AALVDHDNIK.S	14
PLOG+10110	proteomics_log	4609641	4609673	+	3	17	K.STDISVKTDQK.V	15
PLOG+10111	proteomics_log	4609674	4609730	+	3	20	K.VVTLSGFVESQAQAEAVK.V	23
PLOG+10112	proteomics_log	4609731	4609793	+	3	2	K.VAKGVEGVTSVSDKLHVRDAK.E	25
PLOG+10113	proteomics_log	4609731	4609784	+	3	5	K.VAKGVEGVTSVSDKLHVR.D	22
PLOG+10114	proteomics_log	4609740	4609772	+	3	11	K.GVEGVTSVSDK.L	15
PLOG+10115	proteomics_log	4609740	4609784	+	3	41	K.GVEGVTSVSDKLHVR.D	19
PLOG+10116	proteomics_log	4609785	4609853	+	3	14	R.DAKEGSVKGYAGDTATTSEIKAK.L	27

PLOG+10117	proteomics_log	4609794	4609847	+	3	4	K.EGSVKGYAGDTATTSEIK.A	22
PLOG+10118	proteomics_log	4609794	4609853	+	3	29	K.EGSVKGYAGDTATTSEIKAK.L	24
PLOG+10119	proteomics_log	4609809	4609847	+	3	23	K.GYAGDTATTSEIK.A	17
PLOG+10120	proteomics_log	4609809	4609853	+	3	42	K.GYAGDTATTSEIKAK.L	19
PLOG+10121	proteomics_log	4609848	4609892	+	3	3	K.AKLLADDIVPSRHVK.V	19
PLOG+10122	proteomics_log	4609848	4609883	+	3	9	K.AKLLADDIVPSR.H	16
PLOG+10123	proteomics_log	4609854	4609946	+	3	4	K.LLADDIVPSRHVKVETTDGVVQLSGTVDSQA.Q	35
PLOG+10124	proteomics_log	4609854	4609892	+	3	29	K.LLADDIVPSRHVK.V	17
PLOG+10125	proteomics_log	4609854	4609883	+	3	49	K.LLADDIVPSR.H	14
PLOG+10126	proteomics_log	4609893	4609994	+	3	4	K.VETTDGVVQLSGTVDSQAQSDRAESIAKAVDGVK.S	38
PLOG+10127	proteomics_log	4609893	4609976	+	3	13	K.VETTDGVVQLSGTVDSQAQSDRAESIAK.A	32
PLOG+10128	proteomics_log	4609893	4609958	+	3	15	K.VETTDGVVQLSGTVDSQAQSDR.A	26
PLOG+10129	proteomics_log	4609959	4609994	+	3	3	R.AESIAKAVDGVK.S	16
PLOG+10130	proteomics_log	4609977	4610015	+	3	2	K.AVDGVKSVKNDLK.T	17
PLOG+10131	proteomics_log	4609977	4610021	+	3	35	K.AVDGVKSVKNDLKTK.-	19
PLOG+10132	proteomics_log	4609995	4610021	+	3	49	K.SVKNDLKTK.-	13
PLOG+10133	proteomics_log	4611648	4611719	+	3	2	R.VLALAENYQPLYAALGLHPGMLEK.H	28
PLOG+10134	proteomics_log	4615517	4615552	+	2	6	R.KTLKEQGTPEIR.I	16
PLOG+10135	proteomics_log	4615520	4615552	+	2	2	K.TLKEQGTPEIR.I	15
PLOG+10136	proteomics_log	4615553	4615618	+	2	19	R.IATVTNFPHGNDIDIALAETR.A	26
PLOG+10137	proteomics_log	4615619	4615669	+	2	2	R.AAIAYGADEVVVFPYR.A	21
PLOG+10138	proteomics_log	4615670	4615714	+	2	10	R.ALMAGNEQVGFDLVK.A	19
PLOG+10139	proteomics_log	4615847	4615894	+	2	2	K.TSTGKAVVNATPESAR.I	20
PLOG+10140	proteomics_log	4615862	4615894	+	2	6	K.VAVNATPESAR.I	15
PLOG+10141	proteomics_log	4615895	4615933	+	2	3	R.IMMEVIRDMGVEK.T	17
PLOG+10142	proteomics_log	4615895	4615966	+	2	4	R.IMMEVIRDMGVEKTVGFKPAGGVR.T	28
PLOG+10143	proteomics_log	4615934	4615966	+	2	3	K.TVGFKPAGGVR.T	15
PLOG+10144	proteomics_log	4615988	4616038	+	2	14	K.YLAIADELFGADWADAR.H	21
PLOG+10145	proteomics_log	4616048	4616122	+	2	2	R.FGASSLLASLLKALGHGDGKSASSY.-	29
PLOG+10146	proteomics_log	4616048	4616083	+	2	52	R.FGASSLLASLLK.A	16
PLOG+10147	proteomics_log	4616084	4616122	+	2	13	K.ALGHGDGKSASSY.-	17
PLOG+10148	proteomics_log	4616765	4616821	+	2	4	R.DITATVDSIPLITASILAK.K	23
PLOG+10149	proteomics_log	4616864	4616953	+	2	5	K.VGSGAFM*PTYELSEALAEIIVGVANGAGVR.T	35
PLOG+10150	proteomics_log	4616864	4616953	+	2	42	K.VGSGAFMPTYELSEALAEIIVGVANGAGVR.T	34
PLOG+10151	proteomics_log	4617275	4617322	+	2	5	K.AVYADTEGFVSEMDTR.A	20
PLOG+10152	proteomics_log	4617323	4617361	+	2	3	R.ALGMVAVMGGGR.R	17
PLOG+10153	proteomics_log	4617416	4617466	+	2	2	R.LGDQVDGQRPLAVIHAK.D	21
PLOG+10154	proteomics_log	4617635	4617748	+	2	13	R.AFIMVLDSFGIGATEDAERFGDVGADTLGHIAEACAKG.E	42
PLOG+10155	proteomics_log	4617692	4617748	+	2	10	R.FGDVGDATLGHIAEACAKG.E	23
PLOG+10156	proteomics_log	4617734	4617814	+	2	3	E.ACAKGEADNGRKGPLNLPNLTRLGLAK.A	31
PLOG+10157	proteomics_log	4617767	4617799	+	2	12	R.KGPLNLPNLTR.L	15
PLOG+10158	proteomics_log	4617770	4617799	+	2	2	K.GPLNLPNLTR.L	14
PLOG+10159	proteomics_log	4618256	4618303	+	2	11	R.VIARPFIGDKAGNFQR.T	20
PLOG+10160	proteomics_log	4618256	4618285	+	2	16	R.VIARPFIGDK.A	14
PLOG+10161	proteomics_log	4618304	4618360	+	2	13	R.TGNRHDLAVEPPAPTVLQK.L	23
PLOG+10162	proteomics_log	4618361	4618402	+	2	3	K.LVDEKHGQVSVVGK.I	18

PLOG+10163	proteomics_log	4618376	4618402	+	2	11	K.HGQVSVGK.I	13
PLOG+10164	proteomics_log	4618442	4618495	+	2	2	K.VKATGLDALFDATIKEMK.E	22
PLOG+10165	proteomics_log	4618448	4618495	+	2	27	K.ATGLDALFDATIKEMK.E	20
PLOG+10166	proteomics_log	4618565	4618606	+	2	42	R.DVAGYAAGLELFDR.R	18
PLOG+10167	proteomics_log	4618607	4618636	+	2	2	R.RLPELMSLLR.D	14
PLOG+10168	proteomics_log	4618742	4618804	+	2	5	K.VKPGSLGHRETFADIGQTLAK.Y	25
PLOG+10169	proteomics_log	4618769	4618804	+	2	6	R.ETFADIGQTLAK.Y	16
PLOG+10170	proteomics_log	4618805	4618837	+	2	3	K.YFGTSDMEYGK.A	15
PLOG+10171	proteomics_log	4618909	4618980	+	1	2	M.ATPHINAEMGDFADVFLM*PGDPLR.A	29
PLOG+10172	proteomics_log	4618909	4618986	+	1	4	M.ATPHINAEMGDFADVFLM*PGDPLRAK.Y	31
PLOG+10173	proteomics_log	4618909	4618980	+	1	19	M.ATPHINAEMGDFADVFLM*PGDPLR.A	28
PLOG+10174	proteomics_log	4618909	4618986	+	1	62	M.ATPHINAEMGDFADVFLM*PGDPLRAK.Y	30
PLOG+10175	proteomics_log	4618981	4619019	+	1	4	R.AKYIAETFLEDAR.E	17
PLOG+10176	proteomics_log	4618987	4619019	+	1	33	K.YIAETFLEDAR.E	15
PLOG+10177	proteomics_log	4618987	4619037	+	1	92	K.YIAETFLEDAREVNNVR.G	21
PLOG+10178	proteomics_log	4619038	4619067	+	1	19	R.GMLGFTGTYK.G	14
PLOG+10179	proteomics_log	4619038	4619073	+	1	29	R.GMLGFTGTYKGR.K	16
PLOG+10180	proteomics_log	4619131	4619157	+	1	2	K.ELITDFGVK.K	13
PLOG+10181	proteomics_log	4619131	4619169	+	1	2	K.ELITDFGVKKIIR.V	17
PLOG+10182	proteomics_log	4619131	4619160	+	1	4	K.ELITDFGVKK.I	14
PLOG+10183	proteomics_log	4619260	4619313	+	1	9	R.IRFKDHDFAAIADFDM*VR.N	23
PLOG+10184	proteomics_log	4619260	4619313	+	1	47	R.IRFKDHDFAAIADFDMVR.N	22
PLOG+10185	proteomics_log	4619266	4619313	+	1	7	R.FKDHDFAAIADFDM*VR.N	21
PLOG+10186	proteomics_log	4619266	4619355	+	1	8	R.FKDHDFAAIADFDMVRNAVDAAKALGIDAR.V	34
PLOG+10187	proteomics_log	4619266	4619334	+	1	31	R.FKDHDFAAIADFDMVRNAVDAAK.A	27
PLOG+10188	proteomics_log	4619266	4619313	+	1	121	R.FKDHDFAAIADFDMVR.N	20
PLOG+10189	proteomics_log	4619314	4619355	+	1	39	R.NAVDAAKALGIDAR.V	18
PLOG+10190	proteomics_log	4619356	4619493	+	1	2	R.VGNLFSADLFYSPDGEMFDVMEKYGILGVEMEAAGIYGVAEEFGAK.A	50
PLOG+10191	proteomics_log	4619356	4619424	+	1	3	R.VGNLFSADLFYSPDGEM*FDVMEK.Y	28
PLOG+10192	proteomics_log	4619356	4619424	+	1	3	R.VGNLFSADLFYSPDGEMFDVM*EK.Y	28
PLOG+10193	proteomics_log	4619356	4619424	+	1	3	R.VGNLFSADLFYSPDGEM*FDVM*EK.Y	29
PLOG+10194	proteomics_log	4619356	4619424	+	1	114	R.VGNLFSADLFYSPDGEMFDVMEK.Y	27
PLOG+10195	proteomics_log	4619425	4619493	+	1	5	K.YGILGVEM*EAAGIYGVAEEFGAK.A	28
PLOG+10196	proteomics_log	4619425	4619493	+	1	7	K.YGILGVEMEAAGIYGVAEEFGAK.A	27
PLOG+10197	proteomics_log	4619494	4619529	+	1	5	K.ALTICTVSDHIR.T	16
PLOG+10198	proteomics_log	4619530	4619586	+	1	2	R.THEQTAAERQTTFNDM*IK.I	24
PLOG+10199	proteomics_log	4619530	4619622	+	1	33	R.THEQTAAERQTTFNDMIKIALESVLLGDKE.-	35
PLOG+10200	proteomics_log	4619530	4619559	+	1	73	R.THEQTAAER.Q	14
PLOG+10201	proteomics_log	4619560	4619622	+	1	30	R.QTTFNDMIKIALESVLLGDKE.-	25
PLOG+10202	proteomics_log	4619587	4619622	+	1	195	K.IALESVLLGDKE.-	16
PLOG+10203	proteomics_log	4623185	4623241	+	2	4	R.LAHEAQLDVAPLGKIPHLR.T	23
PLOG+10204	proteomics_log	4625279	4625314	+	2	3	K.KLSDALSVFDDL.-	16
PLOG+10205	proteomics_log	4629335	4629454	+	2	3	K.AGNTGLVTVLAGQMPADYQTIASAIISLANNPNTVLTFR.T	44
PLOG+10206	proteomics_log	4629620	4629655	+	2	2	R.LMGNDVTDEQAK.W	16
PLOG+10207	proteomics_log	4629620	4629655	+	2	2	R.LM*GNDVTDEQAK.W	17
PLOG+10208	proteomics_log	4630786	4630827	+	1	2	M.AQQSPYSAAMAEQR.H	18

PLOG+10209	proteomics_log	4631820	4631843	+	3	14	S.MLQVYLVR.H	12
PLOG+10210	proteomics_log	4631874	4631945	+	3	2	R.RIQGQSDSPLTAKGEQQAMQVATR.A	28
PLOG+10211	proteomics_log	4631946	4631993	+	3	29	R.AKELGITHIISSDLGR.T	20
PLOG+10212	proteomics_log	4631952	4631993	+	3	3	K.ELGITHIISSDLGR.T	18
PLOG+10213	proteomics_log	4632785	4632823	+	2	9	R.FIQAVEHRRNGRR.V	17
PLOG-1	proteomics_log	2665	2724	-	5	2	R.TISAQYQRQLIIVAIEGGQ.V	24
PLOG-2	proteomics_log	5929	6042	-	5	2	R.GKDLYQFWGDIITNKLNEALAAQGDNVVINLASDEYFK.S	42
PLOG-3	proteomics_log	6271	6306	-	5	7	R.ISDKLAGINAAR.F	16
PLOG-4	proteomics_log	6343	6459	-	5	2	D.MLILISPAKTLDYQSPLTTTRYTLPELLDNSQQLIHEAR.K	43
PLOG-5	proteomics_log	20818	20850	-	5	115	K.ANLTAQINKLA.-	15
PLOG-6	proteomics_log	20818	20856	-	5	311	R.HKANLTAQINKLA.-	17
PLOG-7	proteomics_log	20818	20865	-	5	19	K.AARHKANLTAQINKLA.-	20
PLOG-8	proteomics_log	20818	20886	-	5	2	K.GLIHKNKAARHKANLTAQINKLA.-	27
PLOG-9	proteomics_log	20824	20850	-	5	34	K.ANLTAQINK.L	13
PLOG-10	proteomics_log	20824	20856	-	5	161	R.HKANLTAQINK.L	15
PLOG-11	proteomics_log	20827	20856	-	5	13	R.HKANLTAQIN.K	14
PLOG-12	proteomics_log	20857	20886	-	5	49	K.GLIHKNKAAR.H	14
PLOG-13	proteomics_log	20857	20898	-	5	18	R.QAAKGLIHKNKAAAR.H	18
PLOG-14	proteomics_log	20866	20898	-	5	8	R.QAAKGLIHKNK.A	15
PLOG-15	proteomics_log	20866	20931	-	5	29	K.AFNEMQPIVDRQAAKGLIHKNK.A	26
PLOG-16	proteomics_log	20872	20931	-	5	2	K.AFNEMQPIVDRQAAKGLIHK.N	24
PLOG-17	proteomics_log	20872	20976	-	5	2	K.VYAAIEAGDKAAAQKAFNEM*QPIVDRQAAKGLIHK.N	40
PLOG-18	proteomics_log	20887	20931	-	5	6	K.AFNEM*QPIVDRQAAK.G	20
PLOG-19	proteomics_log	20887	20931	-	5	199	K.AFNEMQPIVDRQAAK.G	19
PLOG-20	proteomics_log	20887	20946	-	5	2	K.AAAQKAFNEM*QPIVDRQAAK.G	25
PLOG-21	proteomics_log	20887	20946	-	5	8	K.AAAQKAFNEMQPIVDRQAAK.G	24
PLOG-22	proteomics_log	20887	20967	-	5	2	A.AIEAGDKAAAQKAFNEMQPIVDRQAAK.G	31
PLOG-23	proteomics_log	20887	20976	-	5	6	K.VYAAIEAGDKAAAQKAFNEM*QPIVDRQAAK.G	35
PLOG-24	proteomics_log	20887	20976	-	5	141	K.VYAAIEAGDKAAAQKAFNEMQPIVDRQAAK.G	34
PLOG-25	proteomics_log	20887	20979	-	5	10	K.KVYAAIEAGDKAAAQKAFNEMQPIVDRQAAK.G	35
PLOG-26	proteomics_log	20887	20979	-	5	10	K.KVYAAIEAGDKAAAQKAFNEM*QPIVDRQAAK.G	36
PLOG-27	proteomics_log	20887	20991	-	5	9	R.TFIKKVYAAIEAGDKAAAQKAFNEM*QPIVDRQAAK.G	40
PLOG-28	proteomics_log	20887	20991	-	5	12	R.TFIKKVYAAIEAGDKAAAQKAFNEMQPIVDRQAAK.G	39
PLOG-29	proteomics_log	20899	20931	-	5	164	K.AFNEM*QPIVDR.Q	16
PLOG-30	proteomics_log	20899	20931	-	5	259	K.AFNEMQPIVDR.Q	15
PLOG-31	proteomics_log	20899	20946	-	5	20	K.AAAQKAFNEMQPIVDR.Q	20
PLOG-32	proteomics_log	20899	20967	-	5	2	A.AIEAGDKAAAQKAFNEMQPIVDR.Q	27
PLOG-33	proteomics_log	20899	20976	-	5	15	K.VYAAIEAGDKAAAQKAFNEM*QPIVDR.Q	31
PLOG-34	proteomics_log	20899	20976	-	5	114	K.VYAAIEAGDKAAAQKAFNEMQPIVDR.Q	30
PLOG-35	proteomics_log	20899	20979	-	5	7	K.KVYAAIEAGDKAAAQKAFNEM*QPIVDR.Q	32
PLOG-36	proteomics_log	20899	20979	-	5	51	K.KVYAAIEAGDKAAAQKAFNEMQPIVDR.Q	31
PLOG-37	proteomics_log	20899	20991	-	5	15	R.TFIKKVYAAIEAGDKAAAQKAFNEM*QPIVDR.Q	36
PLOG-38	proteomics_log	20899	20991	-	5	164	R.TFIKKVYAAIEAGDKAAAQKAFNEMQPIVDR.Q	35
PLOG-39	proteomics_log	20911	20979	-	5	2	K.KVYAAIEAGDKAAAQKAFNEMQP.I	27
PLOG-40	proteomics_log	20932	20964	-	5	35	A.IEAGDKAAAQK.A	15
PLOG-41	proteomics_log	20932	20967	-	5	24	A.AIEAGDKAAAQK.A	16

PLOG-42	proteomics_log	20932	20970	-	5	11	Y.AAIEAGDKAAAQK.A	17
PLOG-43	proteomics_log	20932	20973	-	5	5	V.YAAIEAGDKAAAQK.A	18
PLOG-44	proteomics_log	20932	20976	-	5	317	K.VYAAIEAGDKAAAQK.A	19
PLOG-45	proteomics_log	20932	20979	-	5	166	K.KVYAAIEAGDKAAAQK.A	20
PLOG-46	proteomics_log	20932	20991	-	5	193	R.TFIKKVYAAIEAGDKAAAQK.A	24
PLOG-47	proteomics_log	20947	20976	-	5	64	K.VYAAIEAGDK.A	14
PLOG-48	proteomics_log	20947	20979	-	5	13	K.KVYAAIEAGDK.A	15
PLOG-49	proteomics_log	20947	20991	-	5	17	R.TFIKKVYAAIEAGDK.A	19
PLOG-50	proteomics_log	21004	21048	-	5	11	R.AIQSEKARKHNASRR.S	19
PLOG-51	proteomics_log	21007	21048	-	5	4	R.AIQSEKARKHNASR.R	18
PLOG-52	proteomics_log	21022	21048	-	5	3	R.AIQSEKARK.H	13
PLOG-53	proteomics_log	21025	21048	-	5	4	R.AIQSEKAR.K	12
PLOG-54	proteomics_log	21025	21051	-	5	13	K.RAIQSEKAR.K	13
PLOG-55	proteomics_log	21025	21054	-	5	87	K.KRAIQSEKAR.K	14
PLOG-56	proteomics_log	21025	21075	-	5	2	L.ANIKSAKKRAIQSEKAR.K	21
PLOG-57	proteomics_log	21031	21054	-	5	10	K.KRAIQSEK.A	12
PLOG-58	proteomics_log	21031	21063	-	5	3	K.SAKKRAIQSEK.A	15
PLOG-59	proteomics_log	21049	21075	-	5	17	L.ANIKSAKKR.A	13
PLOG-60	proteomics_log	34486	34554	-	5	2	N.LLIDIDHFNQSLTLASPPFQLIR.D	27
PLOG-61	proteomics_log	45517	45585	-	5	2	R.FHQQLQLRFISIGLHNNVRMLFI.D	27
PLOG-62	proteomics_log	51687	51752	-	4	4	R.NSLGNLFSVEVLTGMGIDPAMR.A	26
PLOG-63	proteomics_log	51768	51794	-	4	2	R.ITTEAFNR.R	13
PLOG-64	proteomics_log	52395	52427	-	4	5	M.NNRVHQGHLAR.K	15
PLOG-65	proteomics_log	52395	52427	-	4	5	M.NNRVHQGHLAR.K	15
PLOG-66	proteomics_log	52811	52894	-	6	2	D.AITPALLHEVIAILHHDLRKFGIAEPR.I	32
PLOG-67	proteomics_log	53449	53490	-	5	31	R.KFSEEAAASWMQEQR.A	18
PLOG-68	proteomics_log	53515	53550	-	5	25	R.NVDKTDAAQKDR.A	16
PLOG-69	proteomics_log	53551	53616	-	5	9	K.GQMSAPVHSSFGWHLIELLDTR.N	26
PLOG-70	proteomics_log	53551	53625	-	5	5	R.LNKGQM*SAPVHSSFGWHLIELLDTR.N	30
PLOG-71	proteomics_log	53758	53790	-	5	2	R.VKLEQIAADIK.S	15
PLOG-72	proteomics_log	53791	53838	-	5	2	R.HILLKPSPIM*TDEQAR.V	21
PLOG-73	proteomics_log	54277	54303	-	5	3	R.KEMIISEVR.N	13
PLOG-74	proteomics_log	54316	54351	-	5	33	R.LAYDGLNYNTYR.N	16
PLOG-75	proteomics_log	54358	54387	-	5	15	K.QNNMTLDQMR.S	14
PLOG-76	proteomics_log	54358	54432	-	5	3	K.ISDEQLDQAIANIAKQNNM*TLDQMR.S	30
PLOG-77	proteomics_log	54358	54432	-	5	128	K.ISDEQLDQAIANIAKQNNMTLDQMR.S	29
PLOG-78	proteomics_log	54358	54444	-	5	29	K.MGVKISDEQLDQAIANIAKQNNMTLDQMR.S	33
PLOG-79	proteomics_log	54388	54432	-	5	19	K.ISDEQLDQAIANIAK.Q	19
PLOG-80	proteomics_log	54433	54483	-	5	8	R.LIMDQIILQMGQKMGVK.I	21
PLOG-81	proteomics_log	54445	54483	-	5	6	R.LIMDQIILQM*GQK.M	18
PLOG-82	proteomics_log	54445	54483	-	5	232	R.LIMDQIILQMGQK.M	17
PLOG-83	proteomics_log	54532	54639	-	5	6	A.PQVVDKVAADVNNGVVLESVDVGLMQSVKLNAAQAR.Q	40
PLOG-84	proteomics_log	54532	54642	-	5	78	A.APQVVDKVAADVNNGVVLESVDVGLMQSVKLNAAQAR.Q	41
PLOG-85	proteomics_log	54553	54609	-	5	2	V.VNNGVVLESVDVGLMQSVK.L	23
PLOG-86	proteomics_log	54553	54621	-	5	3	K.VAAVVNNGVVLESVDVGLMQSVK.L	27
PLOG-87	proteomics_log	54553	54639	-	5	13	A.PQVVDKVAADVNNGVVLESVDVGLMQSVK.L	33

PLOG-88	proteomics_log	54553	54642	-	5	141	A.APQVVDKVAAVVNNGVVLESVDVGLMQSVK.L	34
PLOG-89	proteomics_log	54758	54787	-	6	6	R.SNILPYQNTL.-	14
PLOG-90	proteomics_log	55415	55456	-	6	11	R.IASANQVTTGVTSR.I	18
PLOG-91	proteomics_log	55577	55624	-	6	3	R.DM*EM*LAPGYTQTLEPR.A	22
PLOG-92	proteomics_log	56441	56503	-	6	3	R.FKVGVPVIFYSPLYQLPVGDK.R	25
PLOG-93	proteomics_log	56834	56866	-	6	9	R.LQADEVQLHQK.E	15
PLOG-94	proteomics_log	56867	56929	-	6	2	K.GDYPDDAVFTGSVDIM*QGNSR.L	26
PLOG-95	proteomics_log	60565	60639	-	5	8	K.LVNAVQQDVHAILQLGEAQIEKSAR.A	29
PLOG-96	proteomics_log	60574	60639	-	5	45	K.LVNAVQQDVHAILQLGEAQIEK.S	26
PLOG-97	proteomics_log	60763	60843	-	5	4	K.ALPGVGTLLVELIYVVEAQAPKQLQNR.F	31
PLOG-98	proteomics_log	60781	60843	-	5	33	K.ALPGVGTLLVELIYVVEAQAPK.Q	25
PLOG-99	proteomics_log	60781	60849	-	5	4	K.NKALPGVGTLLVELIYVVEAQAPK.Q	27
PLOG-100	proteomics_log	62659	62748	-	5	2	R.VLLADEVGLGKTIEAGMILHQQLLSGAAER.V	34
PLOG-101	proteomics_log	69899	69931	-	6	2	K.GQFCDAPNNQF.R	15
PLOG-102	proteomics_log	73514	73546	-	6	2	P.VLWQALWTSR.I	15
PLOG-103	proteomics_log	74596	74697	-	5	6	K.FLQFMVSPAFQNAIPTGNWMPVANVTLPAGFEK.L	38
PLOG-104	proteomics_log	74698	74733	-	5	23	R.TAASKQPELAQK.F	16
PLOG-105	proteomics_log	74962	75003	-	5	11	R.TSTPGLGLLLWMQK.V	18
PLOG-106	proteomics_log	75187	75264	-	5	4	K.NSKADVVLGLDNNLLDAASKTGLFAK.S	30
PLOG-107	proteomics_log	75283	75321	-	5	2	K.LVALEDGVSLNLR.L	17
PLOG-108	proteomics_log	75737	75820	-	6	108	R.NGEMNLANWCQQLVASKAMVPLHHWLI.I	32
PLOG-109	proteomics_log	78851	78946	-	6	2	R.HCMMNGLDSIGLTLQHDDAIAAYEAKQPAFMN.-	36
PLOG-110	proteomics_log	78869	78946	-	6	2	R.HCMMNGLDSIGLTLQHDDAIAAYEAK.Q	30
PLOG-111	proteomics_log	78992	79042	-	6	7	K.ANPGIHFDVDLEAQEVK.A	21
PLOG-112	proteomics_log	79043	79084	-	6	48	K.LSDAEVDELFALVK.A	18
PLOG-113	proteomics_log	79043	79156	-	6	129	K.VVIAPSFADIFYGNSFNQLLPVKLSDAEVDELFALVK.A	42
PLOG-114	proteomics_log	79085	79156	-	6	41	K.VVIAPSFADIFYGNSFNQLLPVK.L	28
PLOG-115	proteomics_log	79157	79195	-	6	33	R.EHAPWALTDYGFK.V	17
PLOG-116	proteomics_log	79223	79294	-	6	57	K.GQQPNPDFVLNFPQYQGASILLAR.E	28
PLOG-117	proteomics_log	79223	79309	-	6	227	R.FLDEKGGQPNPDFVLNFPQYQGASILLAR.E	33
PLOG-118	proteomics_log	79310	79345	-	6	88	R.TGFGAHLFNDWR.F	16
PLOG-119	proteomics_log	79319	79345	-	6	2	R.TGFGAHLFN.D	13
PLOG-120	proteomics_log	79346	79432	-	6	7	K.HTGLVVPLDAANVDTDAIIPKQFLQKVTR.T	33
PLOG-121	proteomics_log	79346	79441	-	6	2	K.FIKHTGLVVPLDAANVDTDAIIPKQFLQKVTR.T	36
PLOG-122	proteomics_log	79346	79450	-	6	7	M.AEKFIKHTGLVVPLDAANVDTDAIIPKQFLQKVTR.T	39
PLOG-123	proteomics_log	79355	79432	-	6	2	K.HTGLVVPLDAANVDTDAIIPKQFLQK.V	30
PLOG-124	proteomics_log	79355	79441	-	6	5	K.FIKHTGLVVPLDAANVDTDAIIPKQFLQK.V	33
PLOG-125	proteomics_log	79355	79450	-	6	13	M.AEKFIKHTGLVVPLDAANVDTDAIIPKQFLQK.V	36
PLOG-126	proteomics_log	79370	79411	-	6	3	P.LDAANVDTDAIIPK.Q	18
PLOG-127	proteomics_log	79370	79432	-	6	106	K.HTGLVVPLDAANVDTDAIIPK.Q	25
PLOG-128	proteomics_log	79370	79441	-	6	122	K.FIKHTGLVVPLDAANVDTDAIIPK.Q	28
PLOG-129	proteomics_log	79370	79450	-	6	162	M.AEKFIKHTGLVVPLDAANVDTDAIIPK.Q	31
PLOG-130	proteomics_log	79467	79541	-	4	2	R.THLVSPAM*AAAAAVTGHFADIRNIK.-	30
PLOG-131	proteomics_log	79467	79541	-	4	3	R.THLVSPAMAAAAAVTGHFADIRNIK.-	29
PLOG-132	proteomics_log	79467	79550	-	4	2	R.GGRTHLVSPAMAAAAAVTGHFADIRNIK.-	32
PLOG-133	proteomics_log	79476	79541	-	4	5	R.THLVSPAM*AAAAAVTGHFADIR.N	27

PLOG-134	proteomics_log	79476	79541	-	4	170	R.THLVSPAMAAAAAVTGHFADIR.N	26
PLOG-135	proteomics_log	79476	79550	-	4	5	R.GGRTHLVSPAM*AAAAAVTGHFADIR.N	30
PLOG-136	proteomics_log	79476	79550	-	4	125	R.GGRTHLVSPAMAAAAAVTGHFADIR.N	29
PLOG-137	proteomics_log	79716	79766	-	4	3	K.VAPGVQALVVPGSGPVK.A	21
PLOG-138	proteomics_log	79716	79769	-	4	3	R.KVAPGVQALVVPGSGPVK.A	22
PLOG-139	proteomics_log	79767	79796	-	4	2	R.AAAEIAKGRK.V	14
PLOG-140	proteomics_log	79770	79796	-	4	23	R.AAAEIAKGR.K	13
PLOG-141	proteomics_log	79770	79811	-	4	16	R.IEDLRAAAEIAKGR.K	18
PLOG-142	proteomics_log	79776	79811	-	4	5	R.IEDLRAAAEIAK.G	16
PLOG-143	proteomics_log	79812	79901	-	4	10	K.ALAYMGLKPGIPLTEVAIDKVFISCTNSR.I	34
PLOG-144	proteomics_log	79827	79916	-	4	2	R.ASAEKALAYMGLKPGIPLTEVAIDKVFIS.C	34
PLOG-145	proteomics_log	79842	79901	-	4	8	K.ALAYMGLKPGIPLTEVAIDK.V	24
PLOG-146	proteomics_log	79842	79916	-	4	5	R.ASAEKALAYMGLKPGIPLTEVAIDK.V	29
PLOG-147	proteomics_log	80076	80111	-	4	97	K.GKDFDDAVAYWK.T	16
PLOG-148	proteomics_log	80076	80126	-	4	50	R.LHAPKGKDFDDAVAYWK.T	21
PLOG-149	proteomics_log	80076	80132	-	4	4	K.GRLHAPKGKDFDDAVAYWK.T	23
PLOG-150	proteomics_log	80127	80177	-	4	115	K.AGLVAPDETTFNYVKGR.L	21
PLOG-151	proteomics_log	80133	80177	-	4	217	K.AGLVAPDETTFNYVK.G	19
PLOG-152	proteomics_log	80178	80216	-	4	14	R.MTLCNMAIEMGAK.A	17
PLOG-153	proteomics_log	80265	80345	-	4	6	K.AAPGITAKDIVLAIIGKTGSAGGTGHV.V	31
PLOG-154	proteomics_log	80295	80321	-	4	93	K.DIVLAIIGK.T	13
PLOG-155	proteomics_log	80295	80345	-	4	353	K.AAPGITAKDIVLAIIGK.T	21
PLOG-156	proteomics_log	80295	80378	-	4	2	R.AKTMKIEVQGKAAPGITAKDIVLAIIGK.T	32
PLOG-157	proteomics_log	80346	80372	-	4	4	K.TM*KIEVQGK.A	14
PLOG-158	proteomics_log	80346	80372	-	4	5	K.TMKIEVQGK.A	13
PLOG-159	proteomics_log	80346	80378	-	4	5	R.AKTM*KIEVQGK.A	16
PLOG-160	proteomics_log	80346	80378	-	4	16	R.AKTMKIEVQGK.A	15
PLOG-161	proteomics_log	80625	80696	-	4	5	K.TFATMDHNVSTQTKDINACGEMAR.I	28
PLOG-162	proteomics_log	80655	80696	-	4	23	K.TFATMDHNVSTQTK.D	18
PLOG-163	proteomics_log	80730	80777	-	4	257	R.HLVHEVTSPQAFDGLR.A	20
PLOG-164	proteomics_log	80730	80828	-	4	16	A.HVVYEAENETPLLYIDRHLVHEVTSPQAFDGLR.A	37
PLOG-165	proteomics_log	80730	80840	-	4	24	K.LFDAHVVEAENETPLLYIDRHLVHEVTSPQAFDGLR.A	41
PLOG-166	proteomics_log	80778	80840	-	4	251	K.LFDAHVVEAENETPLLYIDR.H	25
PLOG-167	proteomics_log	80778	80861	-	4	107	M.AKTLYEKLFDHAVVYEAENETPLLYIDR.H	32
PLOG-168	proteomics_log	80870	80935	-	6	13	R.GAAAVSTDEMGDIIARYVAEGV.-	26
PLOG-169	proteomics_log	80888	80935	-	6	8	R.GAAAVSTDEM*GDIIAR.Y	21
PLOG-170	proteomics_log	80888	80935	-	6	196	R.GAAAVSTDEMGDIIAR.Y	20
PLOG-171	proteomics_log	81029	81073	-	6	2	I.ANPQAQILSLALLR.Y	19
PLOG-172	proteomics_log	81029	81079	-	6	180	K.NIANPQAQILSLALLR.Y	21
PLOG-173	proteomics_log	81341	81373	-	6	2	K.ANVLQSSILWR.E	15
PLOG-174	proteomics_log	81341	81397	-	6	10	R.HKVTSIDKANVLQSSILWR.E	23
PLOG-175	proteomics_log	81437	81478	-	6	2	K.AFDTEVYHRFEIER.I	18
PLOG-176	proteomics_log	81452	81478	-	6	6	K.AFDTEVYHR.F	13
PLOG-177	proteomics_log	81479	81508	-	6	4	K.GREGSGQYK.A	14
PLOG-178	proteomics_log	81509	81544	-	6	97	R.ELTGGIYFGQPK.G	16
PLOG-179	proteomics_log	81860	81955	-	6	2	M.SKNYHIAVLPDGDIGPEVMTQALKVLDVAVRNR.F	36

PLOG-180	proteomics_log	81866	81955	-	6	5	M.SKNYHIAVLPDGDIGPEVM*TQALKVLD AVR.N	35
PLOG-181	proteomics_log	81866	81955	-	6	191	M.SKNYHIAVLPDGDIGPEVMTQALKVLD AVR.N	34
PLOG-182	proteomics_log	81884	81955	-	6	5	M.SKNYHIAVLPDGDIGPEVM*TQALK.V	29
PLOG-183	proteomics_log	81884	81955	-	6	185	M.SKNYHIAVLPDGDIGPEVMTQALK.V	28
PLOG-184	proteomics_log	81961	81993	-	5	26	K.AQHNENNKETV.-	15
PLOG-185	proteomics_log	81961	81996	-	5	32	R.KAQHNENNKETV.-	16
PLOG-186	proteomics_log	81961	82026	-	5	13	R.AAEVEKELQRKAQHNENNKETV.-	26
PLOG-187	proteomics_log	81994	82026	-	5	2	R.AAEVEKELQRK.A	15
PLOG-188	proteomics_log	81997	82026	-	5	55	R.AAEVEKELQR.K	14
PLOG-189	proteomics_log	82027	82059	-	5	2	K.AM*VHVLNNIWR.A	16
PLOG-190	proteomics_log	82027	82059	-	5	59	K.AMVHVLNNIWR.A	15
PLOG-191	proteomics_log	82027	82107	-	5	5	R.FHGVGLATDIVESSAKAMVHVLNNIWR.A	31
PLOG-192	proteomics_log	82027	82110	-	5	3	R.RFHGVGLATDIVESSAKAMVHVLNNIWR.A	32
PLOG-193	proteomics_log	82036	82110	-	5	28	R.RFHGVGLATDIVESSAKAM*VHVLNN.I	30
PLOG-194	proteomics_log	82060	82107	-	5	118	R.FHGVGLATDIVESSAK.A	20
PLOG-195	proteomics_log	82060	82110	-	5	181	R.RFHGVGLATDIVESSAK.A	21
PLOG-196	proteomics_log	82111	82155	-	5	4	K.DALGQVDIVANYNGR.R	19
PLOG-197	proteomics_log	82111	82167	-	5	4	K.GHGKDALGQVDIVANYNGR.R	23
PLOG-198	proteomics_log	82186	82215	-	5	20	R.ITEYNVELVK.Y	14
PLOG-199	proteomics_log	82381	82428	-	5	12	K.GQVFDYDLEALAFIGK.Q	20
PLOG-200	proteomics_log	82381	82443	-	5	2	K.LADKKGQVFDYDLEALAFIGK.Q	25
PLOG-201	proteomics_log	82444	82488	-	5	3	K.ESEYNLDNLYDAFLK.L	19
PLOG-202	proteomics_log	82444	82509	-	5	2	R.M*DEM*GYKESEYNLDNLYDAFLK.L	28
PLOG-203	proteomics_log	82444	82509	-	5	35	R.MDEMGYKESEYNLDNLYDAFLK.L	26
PLOG-204	proteomics_log	82537	82605	-	5	4	R.ENYEIMTPESIGLNQIQLNLSR.S	27
PLOG-205	proteomics_log	82606	82674	-	5	2	K.AIVGSGAFAHSSGIHQDGV LKNR.E	27
PLOG-206	proteomics_log	82612	82674	-	5	2	K.AIVGSGAFAHSSGIHQDGV LK.N	25
PLOG-207	proteomics_log	82726	82773	-	5	5	K.DILNVHTAINHQEIWR.T	20
PLOG-208	proteomics_log	82726	82776	-	5	23	R.KDILNVHTAINHQEIWR.T	21
PLOG-209	proteomics_log	82825	82860	-	5	2	R.QVEGAM*NGIGER.A	17
PLOG-210	proteomics_log	82825	82860	-	5	70	R.QVEGAMNGIGER.A	16
PLOG-211	proteomics_log	82861	82941	-	5	14	K.AIISVHTHDDLGLAVGNSLAAVHAGAR.Q	31
PLOG-212	proteomics_log	82960	83070	-	5	9	R.VVEAAINAGATTINIPDTVGYTMPFEFAGIISGLYER.V	41
PLOG-213	proteomics_log	83071	83139	-	5	6	R.NYTDDVEFSCEDAGRTP IADLAR.V	27
PLOG-214	proteomics_log	83167	83193	-	5	68	R.STLDEVIER.A	13
PLOG-215	proteomics_log	83167	83199	-	5	20	K.LRSTLDEVIER.A	15
PLOG-216	proteomics_log	83200	83244	-	5	4	R.IHTFIATSPM*HIATK.L	20
PLOG-217	proteomics_log	83200	83244	-	5	88	R.IHTFIATSPMHIATK.L	19
PLOG-218	proteomics_log	83263	83292	-	5	5	K.DIDVAAESLK.V	14
PLOG-219	proteomics_log	83341	83418	-	5	5	R.M*GVDVM*EVGFVSSPGDFESVQTIAR.Q	32
PLOG-220	proteomics_log	83341	83418	-	5	165	R.MGVDVMEVGFVSSPGDFESVQTIAR.Q	30
PLOG-221	proteomics_log	83419	83445	-	5	9	K.LQIALALER.M	13
PLOG-222	proteomics_log	83419	83526	-	5	53	M.SQQVIIFD T TLRDGEQALQASLSVKEKLQIALALER.M	40
PLOG-223	proteomics_log	83446	83526	-	5	64	M.SQQVIIFD T TLRDGEQALQASLSVKEK.L	31
PLOG-224	proteomics_log	83452	83526	-	5	31	M.SQQVIIFD T TLRDGEQALQASLSVK.E	29
PLOG-225	proteomics_log	95198	95323	-	6	2	F.SQSLLSAFIM*AIPFSGRPLKISPFATPASEPKPSRCAAAR.L	47

PLOG-226	proteomics_log	95363	95395	-	6	4	A.VKSLLAALGEK.R	15
PLOG-227	proteomics_log	100609	100638	-	5	6	A.RSAM*VNKVS.R.D	15
PLOG-228	proteomics_log	111615	111722	-	4	2	L.LKKNESPAVAIFPKAM*TGAKNQSSDICLM*PHVGLIR.R	42
PLOG-229	proteomics_log	112276	112338	-	5	8	R.IEALIQQLKAAGSVLISAPRI.G	25
PLOG-230	proteomics_log	112610	112696	-	6	2	I.ITAHRM*LSHRMLPACTHTICSLRRSLSHR.K	34
PLOG-231	proteomics_log	112656	112724	-	4	9	R.LAVADDVIDNNGAPDAIASDVAR.L	27
PLOG-232	proteomics_log	117761	117790	-	6	13	K.HVQALDLSMR.F	14
PLOG-233	proteomics_log	117791	117841	-	6	2	R.EFAETGVDFISVGALTK.H	21
PLOG-234	proteomics_log	117791	117886	-	6	23	K.ALLEVSGNVTDKTLREFAETGVDFISVGALTK.H	36
PLOG-235	proteomics_log	118055	118117	-	6	12	R.LGLSDAFLIKENHIIASGSVR.Q	25
PLOG-236	proteomics_log	118238	118288	-	6	11	R.TALNFVQTLSGVASKVR.H	21
PLOG-237	proteomics_log	118244	118288	-	6	47	R.TALNFVQTLSGVASK.V	19
PLOG-238	proteomics_log	118502	118549	-	6	3	R.EDLGGTVDANNDITAK.L	20
PLOG-239	proteomics_log	118502	118591	-	6	41	R.INLDIPGAVAQALREDLGGTVDANNDITAK.L	34
PLOG-240	proteomics_log	121513	121548	-	5	2	M.M*EGQQHGEQLKR.G	17
PLOG-241	proteomics_log	121513	121548	-	5	20	M.MEGQQHGEQLKR.G	16
PLOG-242	proteomics_log	134992	135048	-	5	5	K.HFIDHEINSIQNFMSSDDMK.A	23
PLOG-243	proteomics_log	134992	135066	-	5	8	R.DINGMKHFIDHEINSIQNFMSSDDMK.A	29
PLOG-244	proteomics_log	135079	135141	-	5	5	K.ALNYLIHQLESDIVTIDYRVR.G	25
PLOG-245	proteomics_log	135085	135141	-	5	43	K.ALNYLIHQLESDIVTIDYR.V	23
PLOG-246	proteomics_log	135250	135312	-	5	141	K.LIDKTEHPGPLPETVVAHLDK.S	25
PLOG-247	proteomics_log	135313	135378	-	5	4	R.QDYEPQASVTILVSEEPVDPK.L	26
PLOG-248	proteomics_log	135442	135486	-	5	9	R.DGYIAYIDELYNANR.L	19
PLOG-249	proteomics_log	135442	135501	-	5	2	K.TAEERDGYIAYIDELYNANR.L	24
PLOG-250	proteomics_log	135541	135573	-	5	10	K.LKLHGFNNLT.K.S	15
PLOG-251	proteomics_log	135601	135678	-	5	2	R.YYNPAAHTAAFALPQYLQDALASQPS.-	30
PLOG-252	proteomics_log	135706	135735	-	5	3	R.HLSTEEIQR.F	14
PLOG-253	proteomics_log	136186	136227	-	5	3	K.HVLIIGGGDGAMLR.E	18
PLOG-254	proteomics_log	136330	136377	-	5	9	K.TDHQDLIIFENAAFGR.V	20
PLOG-255	proteomics_log	136624	136656	-	5	2	R.DLSGIGIPVAK.K	15
PLOG-256	proteomics_log	142104	142160	-	4	2	R.GQKVTIHGWAYGIHDGLLR.D	23
PLOG-257	proteomics_log	142164	142220	-	4	4	N.VMEQVYNLGHSTIMQSAWK.R	23
PLOG-258	proteomics_log	142248	142283	-	4	3	K.HSSLLGEMPQER.R	16
PLOG-259	proteomics_log	142479	142517	-	4	10	R.LTGLEPGELFVHR.N	17
PLOG-260	proteomics_log	142563	142586	-	4	29	K.LAQAKPR.F	12
PLOG-261	proteomics_log	142563	142622	-	4	2	K.MLVEEDPGFFEKLAQAQKPR.F	24
PLOG-262	proteomics_log	142587	142622	-	4	11	K.MLVEEDPGFEK.L	16
PLOG-263	proteomics_log	142623	142670	-	4	155	S.MKDIDTLISNNALWSK.M	20
PLOG-264	proteomics_log	146347	146397	-	5	5	R.TWRPNVAYFEGDNEM*KR.T	22
PLOG-265	proteomics_log	146347	146397	-	5	120	R.TWRPNVAYFEGDNEMKR.T	21
PLOG-266	proteomics_log	146494	146532	-	5	6	R.FSTYIAAERGS.R.I	17
PLOG-267	proteomics_log	146503	146532	-	5	48	R.FSTYIAAER.G	14
PLOG-268	proteomics_log	146533	146616	-	5	21	C.AIDQDFLDAAGILENEAIDIWNVNNGKR.F	32
PLOG-269	proteomics_log	146623	146652	-	5	10	K.VTHADLHYEG.S	14
PLOG-270	proteomics_log	146623	146658	-	5	177	R.VKVTHADLHYEG.S	16
PLOG-271	proteomics_log	146623	146685	-	5	7	R.TMLQGKLRHVKVTHADLHYEG.S	25

PLOG-272	proteomics_log	146659	146685	-	5	28	R.TMLQGKLR.V	13
PLOG-273	proteomics_log	147947	147976	-	6	14	R.LIDNKMVELA.-	14
PLOG-274	proteomics_log	147977	148015	-	6	12	R.AVILVAAWLGDAR.L	17
PLOG-275	proteomics_log	148016	148057	-	6	3	R.DADTLLEVSETSKR.A	18
PLOG-276	proteomics_log	148019	148057	-	6	4	R.DADTLLEVSETSK.R	17
PLOG-277	proteomics_log	148058	148177	-	6	17	K.VLSSIADKLQAGERDLDEIITIAQELNEKGFRADDIQR.D	44
PLOG-278	proteomics_log	148079	148177	-	6	21	K.VLSSIADKLQAGERDLDEIITIAQELNEKGFR.A	37
PLOG-279	proteomics_log	148088	148135	-	6	7	R.DLDEIITIAQELNEK.G	20
PLOG-280	proteomics_log	148088	148177	-	6	160	K.VLSSIADKLQAGERDLDEIITIAQELNEK.G	34
PLOG-281	proteomics_log	148088	148198	-	6	3	K.IAPGLYKVLSSIADKLQAGERDLDEIITIAQELNEK.G	41
PLOG-282	proteomics_log	148136	148177	-	6	6	K.VLSSIADKLQAGER.D	18
PLOG-283	proteomics_log	148199	148228	-	6	3	R.NGYLTAEQRK.I	14
PLOG-284	proteomics_log	148202	148228	-	6	3	R.NGYLTAEQR.K	13
PLOG-285	proteomics_log	148229	148252	-	6	2	K.DGLALSSR.N	12
PLOG-286	proteomics_log	148229	148258	-	6	113	R.AKDGLALSSR.N	14
PLOG-287	proteomics_log	148508	148540	-	6	4	R.KVDLVFAPSVK.E	15
PLOG-288	proteomics_log	148577	148654	-	6	17	R.ADVVVVSIFVNPMPQFDRPEDLARYPR.T	30
PLOG-289	proteomics_log	148586	148654	-	6	4	R.ADVVVVSIFVNPMPQFDRPEDLAR.Y	27
PLOG-290	proteomics_log	148810	148866	-	5	3	R.QYM*AEVESGVYPGEEHSFH.-	24
PLOG-291	proteomics_log	148810	148866	-	5	6	R.QYMAEVESGVYPGEEHSFH.-	23
PLOG-292	proteomics_log	148810	148878	-	5	2	R.AAVRQYMAEVESGVYPGEEHSFH.-	27
PLOG-293	proteomics_log	148867	148908	-	5	3	K.NFLAETGDIRAAVR.Q	18
PLOG-294	proteomics_log	148879	148908	-	5	89	K.NFLAETGDIR.A	14
PLOG-295	proteomics_log	148879	148917	-	5	4	K.FAKNFLAETGDIR.A	17
PLOG-296	proteomics_log	148918	149031	-	5	19	R.ITEALAIPIVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	42
PLOG-297	proteomics_log	148918	149034	-	5	9	K.RITEALAIPIVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	43
PLOG-298	proteomics_log	149215	149265	-	5	7	K.IEGGEWLVETVQM*LTER.A	22
PLOG-299	proteomics_log	149215	149265	-	5	167	K.IEGGEWLVETVQMLTER.A	21
PLOG-300	proteomics_log	149215	149286	-	5	18	R.AGANMVKIEGGEWLVETVQMLTER.A	28
PLOG-301	proteomics_log	149287	149349	-	5	77	D.LPFMAYATPEQAFENAATVMR.A	25
PLOG-302	proteomics_log	149287	149379	-	5	8	R.GAPNCLLLADLPFMAYATPEQAFENAATVMR.A	35
PLOG-303	proteomics_log	149287	149382	-	5	3	R.RGAPNCLLLADLPFMAYATPEQAFENAATVMR.A	36
PLOG-304	proteomics_log	149383	149508	-	5	5	K.LFADEGLNVMVLVGD SLGMTVQGH DSTLPVTVADIAYHTAAVR.R	46
PLOG-305	proteomics_log	149509	149547	-	5	11	R.FATITAYDYSFAK.L	17
PLOG-306	proteomics_log	149569	149601	-	5	6	V.M*KPTTISLLQK.Y	16
PLOG-307	proteomics_log	149569	149601	-	5	23	V.MKPTTISLLQK.Y	15
PLOG-308	proteomics_log	155391	155438	-	4	3	R.RKHSVTIEYTKNYHHL.T	20
PLOG-309	proteomics_log	157298	157366	-	6	12	R.GFMLWPLFEIAPELVFPDGEMLR.Q	27
PLOG-310	proteomics_log	157505	157606	-	6	3	R.TPPLGPQDQPDYLNAAVALETSLAPEELLNHTQR.I	38
PLOG-311	proteomics_log	158131	158193	-	5	5	R.VNPAFLFAAMFWYPLLETAQK.I	25
PLOG-312	proteomics_log	158848	158889	-	5	2	K.DFDVTTNATPEQVR.K	18
PLOG-313	proteomics_log	160152	160187	-	4	3	K.TLAEIREKQMAG.-	16
PLOG-314	proteomics_log	160344	160379	-	4	157	R.AAQEEFSLER.N	16
PLOG-315	proteomics_log	160380	160433	-	4	5	R.TVTHM*QDEAANFPDPVDR.A	23
PLOG-316	proteomics_log	160380	160433	-	4	122	R.TVTHMQDEAANFPDPVDR.A	22
PLOG-317	proteomics_log	160380	160460	-	4	2	R.NQLRDEVDRVTVTHM*QDEAANFPDPVDR.A	32

PLOG-318	proteomics_log	160380	160460	-	4	12	R.NQLRDEVDRVTVTHMQDEAANFPDPVDR.A	31
PLOG-319	proteomics_log	160380	160478	-	4	3	R.ILEAWRNQLRDEVDRVTVTHM*QDEAANFPDPVDR.A	38
PLOG-320	proteomics_log	160380	160478	-	4	4	R.ILEAWRNQLRDEVDRVTVTHMQDEAANFPDPVDR.A	37
PLOG-321	proteomics_log	160434	160460	-	4	35	R.NQLRDEVDR.T	13
PLOG-322	proteomics_log	160461	160481	-	4	2	R.RILEAWR.N	11
PLOG-323	proteomics_log	160479	160580	-	4	4	K.TSSLSILAIAGVEPYQEKPGEEYM*NEAQLAHFRR.I	39
PLOG-324	proteomics_log	160479	160580	-	4	15	K.TSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFRR.I	38
PLOG-325	proteomics_log	160479	160583	-	4	5	R.KTSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFRR.I	39
PLOG-326	proteomics_log	160479	160583	-	4	5	R.KTSSLSILAIAGVEPYQEKPGEEYM*NEAQLAHFRR.I	40
PLOG-327	proteomics_log	160482	160580	-	4	5	K.TSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFR.R	37
PLOG-328	proteomics_log	160482	160583	-	4	2	R.KTSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFR.R	38
PLOG-329	proteomics_log	168638	168718	-	6	2	K.STPVSrvWSISpVANLLCNwVStEKfC.S	31
PLOG-330	proteomics_log	173620	173739	-	5	2	R.FFHMLDEGVYLAPSAFEAGFMSVAHSMEDINNTIDAARR.V	44
PLOG-331	proteomics_log	173623	173739	-	5	22	R.FFHMLDEGVYLAPSAFEAGFMSVAHSMEDINNTIDAAR.R	43
PLOG-332	proteomics_log	173968	174042	-	5	2	R.DVM*DALAPTGPVYQAGTLsgnPIAM*.A	31
PLOG-333	proteomics_log	174046	174087	-	5	7	K.IIGGGMPVgAFgGR.R	18
PLOG-334	proteomics_log	174511	174552	-	5	62	R.MVNSGTEATMSAIR.L	18
PLOG-335	proteomics_log	174520	174552	-	5	2	R.MVNSGTEATM*S.A	16
PLOG-336	proteomics_log	174553	174600	-	5	80	K.MAQLVTELvPTMDMVR.M	20
PLOG-337	proteomics_log	174553	174639	-	5	44	R.GLSFGAPTEMEVkMAQLVTELvPTMDMVR.M	33
PLOG-338	proteomics_log	174553	174666	-	5	2	R.NAVIEAAERGLSFGAPTEMEVkMAQLVTELvPTMDMVR.M	42
PLOG-339	proteomics_log	174601	174639	-	5	88	R.GLSFGAPTEMEVK.M	17
PLOG-340	proteomics_log	174640	174666	-	5	15	R.NAVIEAAER.G	13
PLOG-341	proteomics_log	174733	174768	-	5	4	K.ADgAYLdVDGK.A	16
PLOG-342	proteomics_log	174769	174810	-	5	79	R.AFTGVGGTPlfIEK.A	18
PLOG-343	proteomics_log	174811	174846	-	5	3	R.ELIPGGVNSPVR.A	16
PLOG-344	proteomics_log	174847	174879	-	5	148	M.SKSEnLYSAAR.E	15
PLOG-345	proteomics_log	178458	178505	-	4	34	K.QSSLMVESLVQKLAHG.-	20
PLOG-346	proteomics_log	178458	178574	-	4	9	R.AISDVADQQSHLSFDEFLAVAAKQSSLM*VESLVQKLAHG.-	44
PLOG-347	proteomics_log	178458	178574	-	4	70	R.AISDVADQQSHLSFDEFLAVAAKQSSLMVESLVQKLAHG.-	43
PLOG-348	proteomics_log	178458	178505	-	4	34	K.QSSLMVESLVQKLAHG.-	20
PLOG-349	proteomics_log	178458	178574	-	4	9	R.AISDVADQQSHLSFDEFLAVAAKQSSLM*VESLVQKLAHG.-	44
PLOG-350	proteomics_log	178458	178574	-	4	70	R.AISDVADQQSHLSFDEFLAVAAKQSSLMVESLVQKLAHG.-	43
PLOG-351	proteomics_log	178470	178505	-	4	19	K.QSSLMVESLVQK.L	16
PLOG-352	proteomics_log	178470	178538	-	4	3	L.SFDEFLAVAAKQSSLMVESLVQK.L	27
PLOG-353	proteomics_log	178470	178574	-	4	13	R.AISDVADQQSHLSFDEFLAVAAKQSSLMVESLVQK.L	39
PLOG-354	proteomics_log	178506	178574	-	4	90	R.AISDVADQQSHLSFDEFLAVAAK.Q	27
PLOG-355	proteomics_log	178674	178727	-	4	3	R.GLIVSGDAFINGSVGLAK.I	22
PLOG-356	proteomics_log	178866	178898	-	4	21	K.VGDIVVSDear.Y	15
PLOG-357	proteomics_log	179085	179147	-	4	24	K.IGIIGAMEEEVtLLRDKIENR.Q	25
PLOG-358	proteomics_log	179085	179153	-	4	10	S.M*KIGIIGAMEEEVtLLRDKIENR.Q	28
PLOG-359	proteomics_log	179085	179153	-	4	166	S.MKIGIIGAMEEEVtLLRDKIENR.Q	27
PLOG-360	proteomics_log	179097	179153	-	4	3	S.MKIGIIGAMEEEVtLLRDk.I	23
PLOG-361	proteomics_log	179103	179147	-	4	30	K.IGIIGAMEEEVtLLR.D	19
PLOG-362	proteomics_log	179103	179153	-	4	37	S.MKIGIIGAMEEEVtLLR.D	21
PLOG-363	proteomics_log	183712	183753	-	5	3	K.ISEIEADLEKLTRK.-	18

PLOG-364	proteomics_log	183712	183780	-	5	113	R.HLESVVTNKISEIEADLEKLTRK.-	27
PLOG-365	proteomics_log	183712	183798	-	5	108	K.ILDDLRHLESVVTNKISEIEADLEKLTRK.-	33
PLOG-366	proteomics_log	183712	183801	-	5	18	R.KILDDLRHLESVVTNKISEIEADLEKLTRK.-	34
PLOG-367	proteomics_log	183715	183753	-	5	10	K.ISEIEADLEKLTR.K	17
PLOG-368	proteomics_log	183715	183774	-	5	2	L.ESVVTNKISEIEADLEKLTR.K	24
PLOG-369	proteomics_log	183715	183780	-	5	24	R.HLESVVTNKISEIEADLEKLTR.K	26
PLOG-370	proteomics_log	183715	183798	-	5	28	K.ILDDLRHLESVVTNKISEIEADLEKLTR.K	32
PLOG-371	proteomics_log	183715	183801	-	5	2	R.KILDDLRHLESVVTNKISEIEADLEKLTR.K	33
PLOG-372	proteomics_log	183724	183753	-	5	5	K.ISEIEADLEK.L	14
PLOG-373	proteomics_log	183724	183780	-	5	7	R.HLESVVTNKISEIEADLEK.L	23
PLOG-374	proteomics_log	183724	183798	-	5	43	K.ILDDLRHLESVVTNKISEIEADLEK.L	29
PLOG-375	proteomics_log	183724	183801	-	5	5	R.KILDDLRHLESVVTNKISEIEADLEK.L	30
PLOG-376	proteomics_log	183754	183780	-	5	22	R.HLESVVTNK.I	13
PLOG-377	proteomics_log	183754	183801	-	5	3	R.KILDDLRHLESVVTNK.I	20
PLOG-378	proteomics_log	183828	183893	-	4	2	K.KSRKSARIYGISLMSLIKASV.T	26
PLOG-379	proteomics_log	183865	183930	-	5	57	K.TVVADGVGGYKEVQEISPNLR.Y	26
PLOG-380	proteomics_log	183865	183933	-	5	21	R.KTVVADGVGGYKEVQEISPNLR.Y	27
PLOG-381	proteomics_log	183940	183963	-	5	8	K.SVKFKYPR.Q	12
PLOG-382	proteomics_log	183964	184002	-	5	12	K.IYFQKDKGEFFAK.S	17
PLOG-383	proteomics_log	184003	184041	-	5	4	R.YSLRQEANNIDILK.I	17
PLOG-384	proteomics_log	184003	184077	-	5	33	K.SLGITNPEEIDRYSLRQEANNIDILK.I	29
PLOG-385	proteomics_log	184030	184077	-	5	3	K.SLGITNPEEIDRYSLR.Q	20
PLOG-386	proteomics_log	184042	184077	-	5	12	K.SLGITNPEEIDR.Y	16
PLOG-387	proteomics_log	184956	185054	-	4	2	R.RFLQATAATIATSSGFGYMHYCEPGWFELIRHR.L	37
PLOG-388	proteomics_log	185135	185158	-	6	57	K.VGINELLR.T	12
PLOG-389	proteomics_log	185135	185164	-	6	162	R.GKVGINELLR.T	14
PLOG-390	proteomics_log	185135	185170	-	6	141	K.TRGKVGINELLR.T	16
PLOG-391	proteomics_log	185216	185269	-	6	10	R.VPAGSVVSGNLPKDGK.Y	22
PLOG-392	proteomics_log	185216	185308	-	6	7	R.IYDRETGEIHYGRVPAGSVVSGNLPKDGK.Y	35
PLOG-393	proteomics_log	185270	185308	-	6	5	R.IYDRETGEIHYGR.V	17
PLOG-394	proteomics_log	185387	185485	-	6	2	K.NVHLSGGVGIGGVLEPLQANPTIIEDNCFIGAR.S	37
PLOG-395	proteomics_log	185591	185656	-	6	2	R.FQKEGFRVPPAAVRQGAFIAR.N	26
PLOG-396	proteomics_log	185612	185647	-	6	5	K.EGFRVPPAAVR.Q	16
PLOG-397	proteomics_log	185612	185656	-	6	121	R.FQKEGFRVPPAAVR.Q	19
PLOG-398	proteomics_log	185636	185704	-	6	2	R.YFDKVP*KFADYDEARFQKEGFR.V	28
PLOG-399	proteomics_log	185657	185680	-	6	18	K.FADYDEAR.F	12
PLOG-400	proteomics_log	185657	185704	-	6	3	R.YFDKVP*KFADYDEAR.F	21
PLOG-401	proteomics_log	185657	185704	-	6	90	R.YFDKVP*KFADYDEAR.F	20
PLOG-402	proteomics_log	185681	185704	-	6	5	R.YFDKVP*K.F	13
PLOG-403	proteomics_log	185681	185704	-	6	91	R.YFDKVP*K.F	12
PLOG-404	proteomics_log	185705	185743	-	6	212	R.INDNQVIEGAESR.Y	17
PLOG-405	proteomics_log	185705	185767	-	6	4	K.KAVLLSFRINDNQVIEGAESR.Y	25
PLOG-406	proteomics_log	185744	185767	-	6	21	K.KAVLLSFR.I	12
PLOG-407	proteomics_log	185765	185815	-	6	42	R.VAEKIDGQWVTHQWLKK.A	21
PLOG-408	proteomics_log	185765	185863	-	6	6	R.EAVNQVIALLDGALRVAEKIDGQWVTHQWLKK.A	37
PLOG-409	proteomics_log	185768	185803	-	6	6	K.IDGQWVTHQWLK.K	16

PLOG-410	proteomics_log	185768	185815	-	6	79	R.VAEKIDGQWVTHQWLK.K	20
PLOG-411	proteomics_log	185768	185863	-	6	16	R.EAVNQVIALLD SGALRVAEKIDGQWVTHQWLK.K	36
PLOG-412	proteomics_log	185804	185905	-	6	5	R.RAEITPANADTVTREAVNQVIALLD SGALRVAEK.I	38
PLOG-413	proteomics_log	185816	185863	-	6	337	R.EAVNQVIALLD SGALR.V	20
PLOG-414	proteomics_log	185816	185902	-	6	94	R.AEITPANADTVTREAVNQVIALLD SGALR.V	33
PLOG-415	proteomics_log	185816	185905	-	6	153	R.RAEITPANADTVTREAVNQVIALLD SGALR.V	34
PLOG-416	proteomics_log	185816	185947	-	6	4	T.M*QQLQNIIETAFERRAEITPANADTVTREAVNQVIALLD SGALR.V	49
PLOG-417	proteomics_log	185864	185902	-	6	48	R.AEITPANADTVTR.E	17
PLOG-418	proteomics_log	185864	185905	-	6	234	R.RAEITPANADTVTR.E	18
PLOG-419	proteomics_log	185903	185947	-	6	2	T.M*QQLQNIIETAFERR.A	20
PLOG-420	proteomics_log	185906	185947	-	6	25	T.M*QQLQNIIETAFER.R	19
PLOG-421	proteomics_log	185906	185947	-	6	358	T.MQQLQNIIETAFER.R	18
PLOG-422	proteomics_log	188715	188750	-	4	3	K.DDTIPAIISHDE.-	16
PLOG-423	proteomics_log	188715	188753	-	4	9	R.KDDTIPAIISHDE.-	17
PLOG-424	proteomics_log	188823	188861	-	4	2	R.TM*KDGTWVTKKDR.S	18
PLOG-425	proteomics_log	188823	188861	-	4	6	R.TMKDGTWVTKKDR.S	17
PLOG-426	proteomics_log	188862	188939	-	4	2	R.ETNVVLKPGMTFTIEPM*VNAGKKEIR.T	31
PLOG-427	proteomics_log	188862	188939	-	4	58	R.ETNVVLKPGMTFTIEPMVNAGKKEIR.T	30
PLOG-428	proteomics_log	188871	188939	-	4	8	R.ETNVVLKPGMTFTIEPMVNAGKK.E	27
PLOG-429	proteomics_log	188874	188939	-	4	6	R.ETNVVLKPGMTFTIEPMVNAGK.K	26
PLOG-430	proteomics_log	188940	188981	-	4	25	R.GFHEEPQVLHYDSR.E	18
PLOG-431	proteomics_log	189009	189041	-	4	43	K.FVEAEGFSVVR.E	15
PLOG-432	proteomics_log	189009	189065	-	4	50	R.EIGAAIQKFVEAEGFSVVR.E	23
PLOG-433	proteomics_log	189009	189092	-	4	10	R.M*VKPGINLREIGAAIQKFVEAEGFSVVR.E	33
PLOG-434	proteomics_log	189009	189092	-	4	82	R.MVKPGINLREIGAAIQKFVEAEGFSVVR.E	32
PLOG-435	proteomics_log	189093	189125	-	4	40	R.ITQESLYLALR.M	15
PLOG-436	proteomics_log	189135	189173	-	4	96	K.MFIVGKPTIMGER.L	17
PLOG-437	proteomics_log	189174	189248	-	4	30	K.LLKDGDIVNIDVTVIKDFHGDTSK.M	29
PLOG-438	proteomics_log	189308	189385	-	6	4	S.WIASVMITLLMNNTRFLPASAITAIR.N	30
PLOG-439	proteomics_log	189378	189449	-	4	3	R.LAAEVLEM*IEPYVKPGVSTGELDR.I	29
PLOG-440	proteomics_log	189378	189449	-	4	86	R.LAAEVLEMIEPYVKPGVSTGELDR.I	28
PLOG-441	proteomics_log	189378	189461	-	4	5	R.VAGRLAAEVLEMIEPYVKPGVSTGELDR.I	32
PLOG-442	proteomics_log	189462	189503	-	4	2	M.AISIKTPEDIEKM*R.V	19
PLOG-443	proteomics_log	189462	189503	-	4	151	M.AISIKTPEDIEKMR.V	18
PLOG-444	proteomics_log	189468	189503	-	4	71	M.AISIKTPEDIEK.M	16
PLOG-445	proteomics_log	191004	191045	-	4	19	G.FDHAVSSNVACFFR.C	18
PLOG-446	proteomics_log	192253	192306	-	5	2	R.RQAAESVVKNGLPVPAER.I	22
PLOG-447	proteomics_log	195223	195261	-	5	2	C.KRELKRLVSPPIR.R	17
PLOG-448	proteomics_log	208305	208352	-	4	2	R.ASSISITSRAVILSPP.L	20
PLOG-449	proteomics_log	209278	209307	-	5	6	R.RDNGIGAVLQ.H	14
PLOG-450	proteomics_log	209973	210050	-	4	3	K.IFVGVLTHTNGDIFRLPQRIFKKPER.H	30
PLOG-451	proteomics_log	213750	213794	-	4	3	R.KNVEYLVVEAAGETR.E	19
PLOG-452	proteomics_log	213928	213975	-	5	9	K.AAYAAANLLVSDYVNE.-	20
PLOG-453	proteomics_log	213928	213975	-	5	9	K.AAYAAANLLVSDYVNE.-	20
PLOG-454	proteomics_log	213976	214029	-	5	3	K.VLNEMAADDALSEAVREK.A	22
PLOG-455	proteomics_log	214336	214386	-	5	4	R.MARQRQRGIEKLVAVEI.G	21

PLOG-456	proteomics_log	217060	217101	-	5	5	K.TGDIVEYLVKQIKG.-	18
PLOG-457	proteomics_log	217060	217113	-	5	14	K.QLIKTGDIVEYLVKQIKG.-	22
PLOG-458	proteomics_log	217060	217125	-	5	91	R.NGEKQLIKTGDIVEYLVKQIKG.-	26
PLOG-459	proteomics_log	217072	217101	-	5	24	K.TGDIVEYLVK.Q	14
PLOG-460	proteomics_log	217072	217113	-	5	18	K.QLIKTGDIVEYLVK.Q	18
PLOG-461	proteomics_log	217072	217125	-	5	30	R.NGEKQLIKTGDIVEYLVK.Q	22
PLOG-462	proteomics_log	217165	217236	-	5	32	K.ERPGVMFADMELIGIPHTIVLGDR.N	28
PLOG-463	proteomics_log	217237	217272	-	5	29	R.AQGIEVLLDDRK.E	16
PLOG-464	proteomics_log	217273	217311	-	5	13	R.VQELAELKLYSELR.A	17
PLOG-465	proteomics_log	217273	217320	-	5	88	K.SFRVQELAELKLYSELR.A	20
PLOG-466	proteomics_log	217291	217320	-	5	5	K.SFRVQELAELK.L	14
PLOG-467	proteomics_log	217321	217386	-	5	45	R.GIVWPDAIAPFQVAILPMNMHK.S	26
PLOG-468	proteomics_log	217387	217425	-	5	122	R.VVAAAIEQNYDER.G	17
PLOG-469	proteomics_log	217498	217554	-	5	6	R.GIEVGHIFQLGTKYSEALK.A	23
PLOG-470	proteomics_log	217516	217554	-	5	97	R.GIEVGHIFQLGTK.Y	17
PLOG-471	proteomics_log	217516	217557	-	5	2	K.RGIEVGHIFQLGTK.Y	18
PLOG-472	proteomics_log	217570	217611	-	5	175	R.NVVAGDPSPDGQGR.L	18
PLOG-473	proteomics_log	217612	217644	-	5	2	R.DVATPEVADIR.N	15
PLOG-474	proteomics_log	217681	217722	-	5	5	R.TVAAM*SDFAAGANI.D	19
PLOG-475	proteomics_log	217723	217779	-	5	7	K.AGPGSLGPVNM*PIPVVIDR.T	24
PLOG-476	proteomics_log	217723	217779	-	5	230	K.AGPGSLGPVNMPIPVVIDR.T	23
PLOG-477	proteomics_log	217792	217842	-	5	2	K.LPQVASPLTFATEEEIR.A	21
PLOG-478	proteomics_log	217792	217851	-	5	9	K.AEKLQVASPLTFATEEEIR.A	24
PLOG-479	proteomics_log	217792	217878	-	5	2	R.GDHELNEVKAELQPQVASPLTFATEEEIR.A	33
PLOG-480	proteomics_log	217879	217923	-	5	96	K.AVEGSSFPQVALLVR.G	19
PLOG-481	proteomics_log	217924	217992	-	5	4	K.TIAELVEQFNLPIEKTVKTLVK.A	27
PLOG-482	proteomics_log	217924	218040	-	5	2	R.AAATQEM*TLVDTPNAKTIAELVEQFNLPIEKTVKTLVK.A	44
PLOG-483	proteomics_log	217939	217992	-	5	9	K.TIAELVEQFNLPIEKTVK.T	22
PLOG-484	proteomics_log	217939	218040	-	5	3	R.AAATQEMTLVDTPNAKTIAELVEQFNLPIEKTVK.T	38
PLOG-485	proteomics_log	217948	217992	-	5	254	K.TIAELVEQFNLPIEK.T	19
PLOG-486	proteomics_log	217948	218040	-	5	2	R.AAATQEM*TLVDTPNAKTIAELVEQFNLPIEK.T	36
PLOG-487	proteomics_log	217948	218040	-	5	21	R.AAATQEMTLVDTPNAKTIAELVEQFNLPIEK.T	35
PLOG-488	proteomics_log	217993	218040	-	5	5	R.AAATQEM*TLVDTPNAK.T	21
PLOG-489	proteomics_log	217993	218040	-	5	141	R.AAATQEMTLVDTPNAK.T	20
PLOG-490	proteomics_log	218215	218295	-	5	25	A.YSFHTSQESLQETYDAMYAAYSIFSR.M	31
PLOG-491	proteomics_log	218215	218301	-	5	8	K.DAYSFHTSQESLQETYDAMYAAYSIFSR.M	33
PLOG-492	proteomics_log	218215	218316	-	5	2	R.EFLMKDAYSFHTSQESLQETYDAMYAAYSIFSR.M	38
PLOG-493	proteomics_log	218227	218301	-	5	18	K.DAYSFHTSQESLQETYDAMYAAYSIFSR.M	29
PLOG-494	proteomics_log	218362	218418	-	5	6	R.NELSSYKQLPLNFYQIQTK.F	23
PLOG-495	proteomics_log	218398	218478	-	5	4	R.GERPFVLGPTHEEVITDLIRNELSSYK.Q	31
PLOG-496	proteomics_log	218398	218490	-	5	5	R.FVDRGERPFVLGPTHEEVITDLIRNELSSYK.Q	35
PLOG-497	proteomics_log	218419	218478	-	5	9	R.GERPFVLGPTHEEVITDLIR.N	24
PLOG-498	proteomics_log	218419	218490	-	5	5	R.FVDRGERPFVLGPTHEEVITDLIR.N	28
PLOG-499	proteomics_log	218602	218631	-	5	2	R.VLKKVENIVR.E	14
PLOG-500	proteomics_log	218632	218673	-	5	38	K.LASGLYTWLPTGVR.V	18
PLOG-501	proteomics_log	218632	218676	-	5	106	R.KLASGLYTWLPTGVR.V	19

PLOG-502	proteomics_log	218677	218775	-	5	3	N.M*RTSQYLLSTLKETPADAEVISHQLM*LRAGM*IR.K	40
PLOG-503	proteomics_log	218692	218748	-	5	186	S.TLKETPADAEVISHQLMLR.A	23
PLOG-504	proteomics_log	218692	218769	-	5	3	R.TSQYLLSTLKETPADAEVISHQLM*LR.A	31
PLOG-505	proteomics_log	218692	218769	-	5	193	R.TSQYLLSTLKETPADAEVISHQLMLR.A	30
PLOG-506	proteomics_log	218692	218775	-	5	10	N.MRTSQYLLSTLKETPADAEVISHQLM*LR.A	33
PLOG-507	proteomics_log	218692	218775	-	5	10	N.M*RTSQYLLSTLKETPADAEVISHQLM*LR.A	34
PLOG-508	proteomics_log	218692	218775	-	5	243	N.MRTSQYLLSTLKETPADAEVISHQLMLR.A	32
PLOG-509	proteomics_log	218740	218775	-	5	2	N.M*RTSQYLLSTLK.E	17
PLOG-510	proteomics_log	219702	219728	-	4	3	R.KRMQINASK.M	13
PLOG-511	proteomics_log	220116	220145	-	4	4	K.VFNGGAVKGW.-	14
PLOG-512	proteomics_log	220116	220193	-	4	91	K.FVQAYQSDEVYEAANKVFNGGAVKGW.-	30
PLOG-513	proteomics_log	220116	220196	-	4	4	K.KFVQAYQSDEVYEAANKVFNGGAVKGW.-	31
PLOG-514	proteomics_log	220116	220226	-	4	2	R.EDNKDAENVKKFVQAYQSDEVYEAANKVFNGGAVKGW.-	41
PLOG-515	proteomics_log	220122	220193	-	4	66	K.FVQAYQSDEVYEAANKVFNGGAVK.G	28
PLOG-516	proteomics_log	220122	220196	-	4	5	K.KFVQAYQSDEVYEAANKVFNGGAVK.G	29
PLOG-517	proteomics_log	220146	220193	-	4	21	K.FVQAYQSDEVYEAANK.V	20
PLOG-518	proteomics_log	220194	220226	-	4	3	R.EDNKDAENVKK.F	15
PLOG-519	proteomics_log	220227	220283	-	4	3	K.DGIFVEDKESPYVNLIVTR.E	23
PLOG-520	proteomics_log	220227	220361	-	4	19	R.SLDDAQIALAVINTTYASQIGLTPAKDGIFVEDKESPYVNLIVTR.E	49
PLOG-521	proteomics_log	220284	220361	-	4	4	R.SLDDAQIALAVINTTYASQIGLTPAK.D	30
PLOG-522	proteomics_log	220362	220394	-	4	176	K.IVELEAPQLPR.S	15
PLOG-523	proteomics_log	220362	220403	-	4	13	K.NLKIVELEAPQLPR.S	18
PLOG-524	proteomics_log	220362	220424	-	4	6	L.DVVENPKNLKIVELEAPQLPR.S	25
PLOG-525	proteomics_log	220362	220445	-	4	5	V.GLLPTVLDVVENPKNLKIVELEAPQLPR.S	32
PLOG-526	proteomics_log	220362	220454	-	4	6	K.DGVGLLPTVLDVVENPKNLKIVELEAPQLPR.S	35
PLOG-527	proteomics_log	220362	220460	-	4	77	K.LKDGVGLLPTVLDVVENPKNLKIVELEAPQLPR.S	37
PLOG-528	proteomics_log	220362	220475	-	4	57	K.VGLIKLKDGVGLLPTVLDVVENPKNLKIVELEAPQLPR.S	42
PLOG-529	proteomics_log	220395	220436	-	4	2	L.PTVLDVVENPKNLK.I	18
PLOG-530	proteomics_log	220395	220460	-	4	222	K.LKDGVGLLPTVLDVVENPKNLK.I	26
PLOG-531	proteomics_log	220395	220475	-	4	224	K.VGLIKLKDGVGLLPTVLDVVENPKNLK.I	31
PLOG-532	proteomics_log	220395	220496	-	4	65	R.SLLLLQKVGLIKLKDGVGLLPTVLDVVENPKNLK.I	38
PLOG-533	proteomics_log	220404	220454	-	4	45	K.DGVGLLPTVLDVVENPK.N	21
PLOG-534	proteomics_log	220404	220460	-	4	136	K.LKDGVGLLPTVLDVVENPK.N	23
PLOG-535	proteomics_log	220404	220475	-	4	132	K.VGLIKLKDGVGLLPTVLDVVENPK.N	28
PLOG-536	proteomics_log	220404	220496	-	4	46	R.SLLLLQKVGLIKLKDGVGLLPTVLDVVENPK.N	35
PLOG-537	proteomics_log	220419	220496	-	4	2	R.SLLLLQKVGLIKLKDGVGLLPTVLDV.V	30
PLOG-538	proteomics_log	220461	220496	-	4	96	R.SLLLLQKVGLIK.L	16
PLOG-539	proteomics_log	220497	220562	-	4	227	K.SLDELQDGSQVAVPNDPTNLGR.S	26
PLOG-540	proteomics_log	220497	220568	-	4	7	K.IKSLDELQDGSQVAVPNDPTNLGR.S	28
PLOG-541	proteomics_log	220497	220571	-	4	224	K.KIKSLDELQDGSQVAVPNDPTNLGR.S	29
PLOG-542	proteomics_log	220515	220562	-	4	2	K.SLDELQDGSQVAVPND.P	20
PLOG-543	proteomics_log	220569	220631	-	4	3	R.GYKLVAVGNTFVYPIAGYSK.I	25
PLOG-544	proteomics_log	220572	220619	-	4	3	L.VAVGNTFVYPIAGYSK.K	20
PLOG-545	proteomics_log	220572	220622	-	4	69	K.LVAVGNTFVYPIAGYSK.K	21
PLOG-546	proteomics_log	220572	220625	-	4	5	Y.KLVAVGNTFVYPIAGYSK.K	22
PLOG-547	proteomics_log	220572	220631	-	4	49	R.GYKLVAVGNTFVYPIAGYSK.K	24

PLOG-548	proteomics_log	220632	220694	-	4	17	K.GDIDANAFQHKPYLDQQLKDR.G	25
PLOG-549	proteomics_log	222202	222288	-	5	2	R.RVTELLSLVGLGDKHDSYPSNLSGGQKQR.V	33
PLOG-550	proteomics_log	222355	222402	-	5	8	R.RQIGMIFQHFNLLSSR.T	20
PLOG-551	proteomics_log	222499	222597	-	5	5	R.TIQALNNVSLHVPAGQIYGVIGASGAGKSTLIR.C	37
PLOG-552	proteomics_log	222514	222597	-	5	36	R.TIQALNNVSLHVPAGQIYGVIGASGAGK.S	32
PLOG-553	proteomics_log	222598	222636	-	5	4	K.LSNITKVFHQGTR.T	17
PLOG-554	proteomics_log	222598	222645	-	5	6	S.MIKLSNITKVFHQGTR.T	20
PLOG-555	proteomics_log	241081	241143	-	5	5	N.PVGLLEEALVDVIAADPIHQR.I	25
PLOG-556	proteomics_log	241081	241173	-	5	20	R.GQYLTPSEHNVPVGLLEEALVDVIAADPIHQR.I	35
PLOG-557	proteomics_log	241081	241182	-	5	16	R.IGRGQYLTPSEHNVPVGLLEEALVDVIAADPIHQR.I	38
PLOG-558	proteomics_log	241081	241188	-	5	2	R.SRIGRGQYLTPSEHNVPVGLLEEALVDVIAADPIHQR.I	40
PLOG-559	proteomics_log	241948	242046	-	5	2	R.IAGNAYVMDAAASLITYGIMLGEKPAVLSAIVK.Y	37
PLOG-560	proteomics_log	242422	242469	-	5	2	R.YITLAPIATVLGLAFK.L	20
PLOG-561	proteomics_log	246398	246448	-	6	2	Q.AADVLAGMGLTISDLVR.I	21
PLOG-562	proteomics_log	246398	246472	-	6	8	R.IDEDLKNQAADVLAGMGLTISDLVR.I	29
PLOG-563	proteomics_log	246398	246478	-	6	42	R.ARIDEDLKNQAADVLAGMGLTISDLVR.I	31
PLOG-564	proteomics_log	254538	254621	-	4	3	R.SLIDSGKDYVVSMLDSLGLAGAKTEAK.G	33
PLOG-565	proteomics_log	254538	254621	-	4	114	R.SLIDSGKDYVVSMLDSLGLAGAKTEAK.G	32
PLOG-566	proteomics_log	254550	254621	-	4	44	R.SLIDSGKDYVVSMLDSLGLAGAK.T	28
PLOG-567	proteomics_log	254565	254621	-	4	114	R.SLIDSGKDYVVSMLDSLGL.L	23
PLOG-568	proteomics_log	254718	254750	-	4	9	R.LLNATPNGVIR.N	15
PLOG-569	proteomics_log	254772	254828	-	4	32	K.NLALLLDSVANDKAALIAK.S	23
PLOG-570	proteomics_log	254772	254858	-	4	17	I.LKNELAEKEKNLALLLDSVANDKAALIAK.S	33
PLOG-571	proteomics_log	254772	254885	-	4	16	K.SLVNTYQEILKNELAEKEKNLALLLDSVANDKAALIAK.S	42
PLOG-572	proteomics_log	254829	254885	-	4	3	K.SLVNTYQEILKNELAEKEK.N	23
PLOG-573	proteomics_log	254886	254936	-	4	37	R.EAFATIAVAADKVDVLK.S	21
PLOG-574	proteomics_log	254886	254951	-	4	12	R.NAIPREAFATIAVAADKVDVLK.S	26
PLOG-575	proteomics_log	254952	254981	-	4	7	R.LIDFNGGTLR.N	14
PLOG-576	proteomics_log	254952	255017	-	4	13	R.FLAGHAEELDLRLIDFNGGTLR.N	26
PLOG-577	proteomics_log	254982	255017	-	4	46	R.FLAGHAEELDLR.L	16
PLOG-578	proteomics_log	255030	255089	-	4	3	K.GLKGHSGGEIHVGLGNANK.L	24
PLOG-579	proteomics_log	255513	255542	-	4	21	R.KPATAGMENR.K	14
PLOG-580	proteomics_log	255543	255587	-	4	2	K.GFHVERDQVGNILIR.K	19
PLOG-581	proteomics_log	255594	255662	-	4	2	K.ICSIHPHSYHEEQLAEYIVGWAK.E	27
PLOG-582	proteomics_log	255663	255713	-	4	249	V.SELSLSQPQLWDIFAK.I	21
PLOG-583	proteomics_log	259232	259261	-	6	20	A.AEIYNKDGNK.L	14
PLOG-584	proteomics_log	259232	259261	-	6	20	A.AEIYNKDGNK.L	14
PLOG-585	proteomics_log	263154	263201	-	4	2	R.EITLRLGARLVQEGNR.L	20
PLOG-586	proteomics_log	265225	265320	-	5	2	K.ETRM*TILSLSRFMLAGVLLASFNASAIPIGFQ.Q	37
PLOG-587	proteomics_log	269529	269570	-	4	2	G.VVLVNDQLSGFAFK.L	18
PLOG-588	proteomics_log	275107	275130	-	5	2	C.RDITQPRR.G	12
PLOG-589	proteomics_log	283885	283938	-	5	11	P.DGPPPIITMISPCTISSR.L	22
PLOG-590	proteomics_log	286172	286252	-	6	3	V.GVAQARRPDAAGVRVALHVQHRHAVQR.G	31
PLOG-591	proteomics_log	288528	288569	-	4	3	R.MHTIKAVMMATLGE.-	18
PLOG-592	proteomics_log	288570	288656	-	4	2	K.EFDLHGGM*EVTDEVFESAASIVFDQAENR.M	34
PLOG-593	proteomics_log	288570	288656	-	4	10	K.EFDLHGGMEVTDEVFESAASIVFDQAENR.M	33

PLOG-594	proteomics_log	288720	288773	-	4	16	R.GYQVNAQMMALTDNPNVK.F	22
PLOG-595	proteomics_log	288720	288788	-	4	5	R.IALLRGYQVNAQMMALTDNPNVK.F	27
PLOG-596	proteomics_log	288975	289031	-	4	4	R.NNM*GNSM*LEAAALTGLDLR.L	25
PLOG-597	proteomics_log	288975	289031	-	4	6	R.NNM*GNSMLEAAAALTGLDLR.L	24
PLOG-598	proteomics_log	288975	289031	-	4	214	R.NNMGNSMLEAAAALTGLDLR.L	23
PLOG-599	proteomics_log	288975	289031	-	4	4	R.NNM*GNSM*LEAAALTGLDLR.L	25
PLOG-600	proteomics_log	288975	289031	-	4	6	R.NNM*GNSMLEAAAALTGLDLR.L	24
PLOG-601	proteomics_log	288975	289031	-	4	214	R.NNMGNSMLEAAAALTGLDLR.L	23
PLOG-602	proteomics_log	289032	289073	-	4	26	K.AFNEMTLVYAGDAR.N	18
PLOG-603	proteomics_log	289032	289073	-	4	26	K.AFNEMTLVYAGDAR.N	18
PLOG-604	proteomics_log	289209	289232	-	4	12	R.MYDGIQYR.G	12
PLOG-605	proteomics_log	289209	289232	-	4	12	R.MYDGIQYR.G	12
PLOG-606	proteomics_log	289245	289310	-	4	74	R.VTYLGPSPGSQIGHKESIKDTAR.V	26
PLOG-607	proteomics_log	289245	289310	-	4	74	R.VTYLGPSPGSQIGHKESIKDTAR.V	26
PLOG-608	proteomics_log	289269	289310	-	4	3	R.VTYLGPSPGSQIGHK.E	18
PLOG-609	proteomics_log	289269	289310	-	4	3	R.VTYLGPSPGSQIGHK.E	18
PLOG-610	proteomics_log	289356	289391	-	4	115	K.NIALIFEKDSTR.T	16
PLOG-611	proteomics_log	289356	289391	-	4	115	K.NIALIFEKDSTR.T	16
PLOG-612	proteomics_log	289392	289496	-	4	3	K.LLDFTPAQFTSLLTLAAQLKADKKNQKEVQKLTGK.N	39
PLOG-613	proteomics_log	289437	289496	-	4	74	K.LLDFTPAQFTSLLTLAAQLK.A	24
PLOG-614	proteomics_log	289497	289526	-	4	16	M.SDLYKKHFLK.L	14
PLOG-615	proteomics_log	297543	297572	-	4	9	S.AQPLLAVLNR.L	14
PLOG-616	proteomics_log	299207	299290	-	6	2	C.VSVPTRAGKSPLSHM*KAGLETCPAARRK.R	33
PLOG-617	proteomics_log	300422	300475	-	6	2	L.IVAVTLPPPLGGKHIYRK.V	22
PLOG-618	proteomics_log	306574	306678	-	5	7	S.GTLNVNSAADGYVNTNLTANGSVGWQGNIAASGR.T	39
PLOG-619	proteomics_log	309815	309901	-	6	2	R.NAMKKKVLAIALVTVFTGMGVAQAADVTA.Q	33
PLOG-620	proteomics_log	311613	311633	-	4	4	R.FKAVQGR.K	11
PLOG-621	proteomics_log	311706	311738	-	4	2	V.MKVLNLSRTAK.E	15
PLOG-622	proteomics_log	311706	311738	-	4	2	V.MKVLNLSRTAK.E	15
PLOG-623	proteomics_log	311741	311764	-	6	19	R.FVSTKKGGA.-	12
PLOG-624	proteomics_log	311777	311815	-	6	2	R.TVASEGNVARFTQ.R	17
PLOG-625	proteomics_log	311786	311815	-	6	88	R.TVASEGNVAR.F	14
PLOG-626	proteomics_log	311786	311821	-	6	125	K.LRTVASEGNVAR.F	16
PLOG-627	proteomics_log	311816	311929	-	6	4	K.IGSTIKTDREIELDGVTYPYVTIDVSSKSHPFYTGKLR.T	42
PLOG-628	proteomics_log	311822	311845	-	6	10	K.SHPFYTGK.L	12
PLOG-629	proteomics_log	311846	311902	-	6	3	R.EIELDGVTYPYVTIDVSSK.S	23
PLOG-630	proteomics_log	311846	311911	-	6	3	K.TDREIELDGVTYPYVTIDVSSK.S	26
PLOG-631	proteomics_log	311846	311929	-	6	77	K.IGSTIKTDREIELDGVTYPYVTIDVSSK.S	32
PLOG-632	proteomics_log	311903	311929	-	6	15	K.IGSTIKTDR.E	13
PLOG-633	proteomics_log	311912	311971	-	6	7	R.TVVFHDTSVDEYFKIGSTIK.T	24
PLOG-634	proteomics_log	311930	311971	-	6	32	R.TVVFHDTSVDEYFK.I	18
PLOG-635	proteomics_log	311972	311995	-	6	2	K.PNIHPEYR.T	12
PLOG-636	proteomics_log	311972	311998	-	6	2	M.KPNIHPEYR.T	13
PLOG-637	proteomics_log	311972	312001	-	6	4	M.M*KPNIHPEYR.T	15
PLOG-638	proteomics_log	311972	312001	-	6	14	M.MKPNIHPEYR.T	14
PLOG-639	proteomics_log	328265	328297	-	6	2	R.LQAIVGGNFDE.T	15

PLOG-640	proteomics_log	336599	336649	-	6	3	R.NAAAKFMNADAQLLTAG.A	21
PLOG-641	proteomics_log	337088	337123	-	6	2	R.IGLNVAVDIAMF.F	16
PLOG-642	proteomics_log	337178	337195	-	6	9	G.EVVIK.V	10
PLOG-643	proteomics_log	346638	346700	-	4	2	R.CFWMLAKCRYLCRPGCCGW.K	25
PLOG-644	proteomics_log	349756	349824	-	5	4	R.TAPARYASPFPSFAMAFRRAADA.G	27
PLOG-645	proteomics_log	361549	361599	-	5	4	G.ELLNASIM*FFAPLIINR.I	22
PLOG-646	proteomics_log	366636	366668	-	4	3	R.VVNQASHVSAK.T	15
PLOG-647	proteomics_log	377713	377835	-	5	18	R.SQLPGMVEDAMKGDIDLEPFVTHMSLDEINDAFDLMHEGK.S	45
PLOG-648	proteomics_log	377875	377958	-	5	8	R.GWGQSVIIGVAVAGQEISTRPFQLVTGR.V	32
PLOG-649	proteomics_log	377959	377982	-	5	2	R.AALESAHR.G	12
PLOG-650	proteomics_log	378112	378156	-	5	5	R.IIAIDTNPKKFDLAR.R	19
PLOG-651	proteomics_log	378175	378246	-	5	20	K.VQPGDSVAVFGLGAIGLAVVQGAR.Q	28
PLOG-652	proteomics_log	378845	378886	-	6	2	R.EVSQSVDDTIELVR.A	18
PLOG-653	proteomics_log	378920	378997	-	6	2	R.AILQQIAAVRGAANGLMAEVLESHIR.E	30
PLOG-654	proteomics_log	378968	378997	-	6	3	R.AILQQIAAVR.G	14
PLOG-655	proteomics_log	387980	388042	-	6	4	R.AGADLIFSYPALDLAEKKILR.-	25
PLOG-656	proteomics_log	387989	388042	-	6	12	R.AGADLIFSYPALDLAEKK.I	22
PLOG-657	proteomics_log	387989	388045	-	6	17	K.RAGADLIFSYPALDLAEKK.I	23
PLOG-658	proteomics_log	387992	388042	-	6	13	R.AGADLIFSYPALDLAEK.K	21
PLOG-659	proteomics_log	388007	388042	-	6	2	R.AGADLIFSYPAL.D	16
PLOG-660	proteomics_log	388043	388111	-	6	143	K.FAALAGAIDEEKVVLESLSIKR.A	27
PLOG-661	proteomics_log	388046	388111	-	6	15	K.FAALAGAIDEEKVVLESLSIKR.R	26
PLOG-662	proteomics_log	388112	388165	-	6	3	R.TELPIGAYQVSGEYAMIK.F	22
PLOG-663	proteomics_log	388181	388270	-	6	2	R.EAIRELLDEAQGADCLMVKPAGAYLDIVR.E	34
PLOG-664	proteomics_log	388301	388366	-	6	2	K.FASSFYGPFREAGSALKGDRK.S	26
PLOG-665	proteomics_log	388304	388336	-	6	2	R.EAAGSALKGDR.K	15
PLOG-666	proteomics_log	388649	388729	-	6	18	R.SVMTFGISHHTDETGSDAWREDGLVAR.M	31
PLOG-667	proteomics_log	388787	388897	-	6	52	R.AMFEETTLNLNDLVLPFVEEIDDYKAVEAMPGVMR.I	41
PLOG-668	proteomics_log	395874	395972	-	4	5	I.RATQSPPPACQKITAINAQTKAERKNVPGFGKK.D	37
PLOG-669	proteomics_log	399056	399088	-	6	3	R.HAADNALKTTM*.-	16
PLOG-670	proteomics_log	399113	399157	-	6	5	K.LWQASGLGYTDLITR.L	19
PLOG-671	proteomics_log	399158	399247	-	6	6	R.VDVFLTPEVEVINEINTLPGFTNISM*YPK.L	35
PLOG-672	proteomics_log	399158	399247	-	6	17	R.VDVFLTPEVEVINEINTLPGFTNISMYPK.L	34
PLOG-673	proteomics_log	399617	399658	-	6	3	R.ANRHNISFAEVESK.L	18
PLOG-674	proteomics_log	399659	399700	-	6	6	R.DAGLNIAPFITLTR.A	18
PLOG-675	proteomics_log	400073	400108	-	6	14	K.SAEHEVSLQSAK.N	16
PLOG-676	proteomics_log	403397	403447	-	6	3	H.HSSGALLNDTVMPVSSR.V	21
PLOG-677	proteomics_log	404095	404121	-	5	14	R.AAVIEAMTK.C	13
PLOG-678	proteomics_log	404230	404262	-	5	6	K.FAAQAVMGSAK.M	15
PLOG-679	proteomics_log	404230	404277	-	5	16	R.AQAYKFAAQAVMGSAK.M	20
PLOG-680	proteomics_log	404413	404517	-	5	3	R.AM*PNTPALVNAGM*TSVTPNALVTPEDTADVLNIFR.C	41
PLOG-681	proteomics_log	404413	404517	-	5	61	R.AMPNTPALVNAGMTSVTPNALVTPEDTADVLNIFR.C	39
PLOG-682	proteomics_log	404635	404724	-	5	2	Q.FGINAAESAQEVAQIADIIFAAVKPGIMIK.V	34
PLOG-683	proteomics_log	404635	404745	-	5	5	K.VAALHDQFGINAESAQEVAQIADIIFAAVKPGIMIK.V	41
PLOG-684	proteomics_log	408620	408700	-	6	45	R.SGSAAQGFQLLDEAELKSLLEDGGVIR.A	31
PLOG-685	proteomics_log	408650	408700	-	6	5	R.SGSAAQGFQLLDEAELK.S	21

PLOG-686	proteomics_log	408701	408775	-	6	2	K.SLGSLPVVPLSM*ENPIELTLEWVR.S	30
PLOG-687	proteomics_log	408701	408775	-	6	75	K.SLGSLPVVPLSMENPIELTLEWVR.S	29
PLOG-688	proteomics_log	408701	408778	-	6	33	R.KSLGSLPVVPLSMENPIELTLEWVR.S	30
PLOG-689	proteomics_log	408776	408808	-	6	3	K.KAEDTLALLRK.S	15
PLOG-690	proteomics_log	408950	408982	-	6	2	K.IAKLEAEQARK.L	15
PLOG-691	proteomics_log	408953	408982	-	6	30	K.IAKLEAEQAR.K	14
PLOG-692	proteomics_log	428568	428660	-	4	8	R.VPTIAVNIDVATPIPVVIANPLIAPVPTAYR.M	35
PLOG-693	proteomics_log	430923	430970	-	4	4	K.GIWNHGSPLFMEIEPR.F	20
PLOG-694	proteomics_log	431094	431171	-	4	2	A.AENDKPQYLSDWVHQSVMVGSYHTR.F	30
PLOG-695	proteomics_log	431510	431557	-	6	2	R.HSTCYAVNVFRDDFVR.P	20
PLOG-696	proteomics_log	436128	436193	-	4	4	R.LPHIQNTENHKPGGNLPVIGR.Q	26
PLOG-697	proteomics_log	436496	436564	-	6	11	R.AQVALAWLLSKPGIAAPIIGTSR.E	27
PLOG-698	proteomics_log	436565	436600	-	6	6	R.LTGVSEELGATR.A	16
PLOG-699	proteomics_log	436601	436672	-	6	3	R.LVSDEVGKNLYKESDENDAQIAER.L	28
PLOG-700	proteomics_log	436919	436975	-	6	20	R.WDYNTPIEETLEALNDVVK.A	23
PLOG-701	proteomics_log	436919	437014	-	6	2	R.LGMDYVDILQIHRWDYNTPIEETLEALNDVVK.A	36
PLOG-702	proteomics_log	437054	437083	-	6	8	R.VGDLPEGLSR.A	14
PLOG-703	proteomics_log	437096	437122	-	6	23	R.REDVVVATK.V	13
PLOG-704	proteomics_log	437144	437221	-	6	5	R.ALEGGINFFDTANSYSDGSSEEIVGR.A	30
PLOG-705	proteomics_log	437803	437886	-	5	4	K.LAILNFGTLMPEAAKVAESLNATLVDNR.F	32
PLOG-706	proteomics_log	437842	437886	-	5	3	K.LAILNFGTLMPEAAK.V	19
PLOG-707	proteomics_log	438142	438207	-	5	6	R.AYDQVLHDVAIQKLPVFAIDR.A	26
PLOG-708	proteomics_log	438601	438699	-	5	2	K.GMVVPGTLFEELGFNYIGPVDGHDVGLLITTLK.N	37
PLOG-709	proteomics_log	439435	439500	-	5	20	K.QLAEQSLDTSALEALADYIIQR.N	26
PLOG-710	proteomics_log	439435	439512	-	5	16	R.QLKQLAEQSLDTSALEALADYIIQR.N	30
PLOG-711	proteomics_log	439435	439533	-	5	64	R.DLIDDARQSLKQLAEQSLDTSALEALADYIIQR.N	37
PLOG-712	proteomics_log	439546	439632	-	5	4	D.TATLGKRQGADQQLGKSTYPALLGLEQAR.K	33
PLOG-713	proteomics_log	439612	439716	-	5	31	R.ALPVLDKYAESIGLAFQVQDDILDVVGDTATLGKR.Q	39
PLOG-714	proteomics_log	439615	439716	-	5	5	R.ALPVLDKYAESIGLAFQVQDDILDVVGDTATLGK.R	38
PLOG-715	proteomics_log	439720	439752	-	5	13	R.LGALSAGDKGR.R	15
PLOG-716	proteomics_log	439912	440013	-	5	7	K.FGEANAILAGDALQTLAFSILSDADM*PEVSDRDR.I	39
PLOG-717	proteomics_log	439912	440013	-	5	32	K.FGEANAILAGDALQTLAFSILSDADMPEVSDRDR.I	38
PLOG-718	proteomics_log	440191	440265	-	5	27	R.FIAPLPFQNTPVVETMRYGALLGGK.R	29
PLOG-719	proteomics_log	440224	440265	-	5	3	R.FIAPLPFQNTPVVE.T	18
PLOG-720	proteomics_log	440328	440390	-	4	6	R.VQILLSDNEDASLTPFTPDNE.-	25
PLOG-721	proteomics_log	440391	440426	-	4	4	R.QGQAKLQQAQR.V	16
PLOG-722	proteomics_log	440427	440528	-	4	14	K.ALSELEQIVTRLESGDLPLEEALNEFERGVQLAR.Q	38
PLOG-723	proteomics_log	440445	440495	-	4	110	R.LESGDLPLEEALNEFER.G	21
PLOG-724	proteomics_log	440445	440528	-	4	153	K.ALSELEQIVTRLESGDLPLEEALNEFER.G	32
PLOG-725	proteomics_log	440496	440528	-	4	12	K.ALSELEQIVTR.L	15
PLOG-726	proteomics_log	440496	440564	-	4	23	M.PKKNEAPASFEKALSELEQIVTR.L	27
PLOG-727	proteomics_log	440529	440564	-	4	17	M.PKKNEAPASFEK.A	16
PLOG-728	proteomics_log	442365	442412	-	4	19	K.LLTSQGPATIDFLK.I	20
PLOG-729	proteomics_log	442635	442709	-	4	10	K.LLADAPLVEVADGEYDVIVLPGGIK.G	29
PLOG-730	proteomics_log	443268	443315	-	4	65	R.HGNRTGITVIWRIFCK.P	20
PLOG-731	proteomics_log	448183	448254	-	5	10	R.TLEWATSSPPPFYNFAVVPVHER.D	28

PLOG-732	proteomics_log	449890	449976	-	5	101	K.SMDMTQPEGEHSAHEGMEGMDMSHAESA.-	33
PLOG-733	proteomics_log	449977	450075	-	5	9	K.LAAPSEYNQVEYFSNVKPDFADVINKFM*AHGK.S	38
PLOG-734	proteomics_log	449977	450075	-	5	230	K.LAAPSEYNQVEYFSNVKPDFADVINKFMAHGK.S	37
PLOG-735	proteomics_log	449995	450075	-	5	26	K.LAAPSEYNQVEYFSNVKPDFADVINK.F	31
PLOG-736	proteomics_log	450076	450117	-	5	4	K.QSPNTM*SDM*AAFEK.L	20
PLOG-737	proteomics_log	450076	450117	-	5	12	K.QSPNTMSDM*AAFEK.L	19
PLOG-738	proteomics_log	450076	450117	-	5	178	K.QSPNTMSDMAAFEK.L	18
PLOG-739	proteomics_log	450076	450123	-	5	3	K.AKQSPNTM*SDM*AAFEK.L	22
PLOG-740	proteomics_log	450076	450123	-	5	27	K.AKQSPNTMSDMAAFEK.L	20
PLOG-741	proteomics_log	450123	450164	-	4	3	L.QHRIAPHSTSGSQK.R	18
PLOG-742	proteomics_log	450124	450150	-	5	15	R.AAFDQWVAK.A	13
PLOG-743	proteomics_log	450124	450171	-	5	34	K.AIATPDRAAFDQWVAK.A	20
PLOG-744	proteomics_log	450151	450177	-	5	7	K.FKAIATPDR.A	13
PLOG-745	proteomics_log	450172	450258	-	5	4	R.LHLIANEPGTYDGISASYSGPGFSGMKFK.A	33
PLOG-746	proteomics_log	450178	450258	-	5	2	R.LHLIANEPGTYDGISASYSGPGFSGM*K.F	32
PLOG-747	proteomics_log	450178	450258	-	5	34	R.LHLIANEPGTYDGISASYSGPGFSGMK.F	31
PLOG-748	proteomics_log	452816	452911	-	6	22	K.NIADAVNSVLTDTIADMSQDTSIHEFIKQNR.-	36
PLOG-749	proteomics_log	452828	452911	-	6	25	K.NIADAVNSVLTDTIADMSQDTSIHEFIK.Q	32
PLOG-750	proteomics_log	453032	453118	-	6	47	R.GYMGVGNPVPNLQIIVSQLYADVSQGNVR.Y	33
PLOG-751	proteomics_log	453119	453160	-	6	7	R.FLLQEVLEKQMTAR.G	18
PLOG-752	proteomics_log	453134	453160	-	6	27	R.FLLQEVLEK.Q	13
PLOG-753	proteomics_log	453170	453202	-	6	3	R.DNQIVTLTASR.D	15
PLOG-754	proteomics_log	458696	458728	-	6	2	S.RSISDSIIAIR.Y	15
PLOG-755	proteomics_log	464475	464543	-	4	8	R.DSIPVPDYEPADGIPNTFVPGR.N	27
PLOG-756	proteomics_log	464544	464603	-	4	13	R.AHKVLDVTLNLAVALSSLTR.D	24
PLOG-757	proteomics_log	474317	474367	-	6	6	K.NLLTLLNLEKIEEGLFR.G	21
PLOG-758	proteomics_log	474317	474382	-	6	2	M.SQALKNLLTLLNLEKIEEGLFR.G	26
PLOG-759	proteomics_log	474338	474382	-	6	2	M.SQALKNLLTLLNLEK.I	19
PLOG-760	proteomics_log	478609	478650	-	5	3	K.DVPDNNVVGGNPAR.I	18
PLOG-761	proteomics_log	482851	482910	-	5	2	R.LTSTEEFGKILLKVNQDGSR.V	24
PLOG-762	proteomics_log	483004	483072	-	5	2	R.IWMNPNELNKFQLTPVDVITAIK.A	27
PLOG-763	proteomics_log	483653	483721	-	6	138	K.AQEVADNNQQAASGAQPEQSKS.-	27
PLOG-764	proteomics_log	483656	483721	-	6	14	K.AQEVADNNQQAASGAQPEQSK.S	26
PLOG-765	proteomics_log	483722	483781	-	6	12	K.AGDRVVISGLQKVRPGVQVK.A	24
PLOG-766	proteomics_log	483746	483769	-	6	4	R.VVISGLQK.V	12
PLOG-767	proteomics_log	483746	483781	-	6	19	K.AGDRVVISGLQK.V	16
PLOG-768	proteomics_log	483890	483961	-	6	5	R.ARLEEGLNPNAILVPQQGVTRTPR.G	28
PLOG-769	proteomics_log	483899	483961	-	6	54	R.ARLEEGLNPNAILVPQQGVTR.T	25
PLOG-770	proteomics_log	483962	484012	-	6	2	R.AIFPNPDHTLLPGM*FVR.A	22
PLOG-771	proteomics_log	483962	484012	-	6	254	R.AIFPNPDHTLLPGMFVR.A	21
PLOG-772	proteomics_log	483962	484039	-	6	2	D.QTTGSITLRAIFPNPDHTLLPGMFVR.A	30
PLOG-773	proteomics_log	484115	484168	-	6	13	R.LKQELANGTLKQENGKAK.V	22
PLOG-774	proteomics_log	484121	484168	-	6	14	R.LKQELANGTLKQENGK.A	20
PLOG-775	proteomics_log	484169	484285	-	6	6	K.SNVTEGALVQNGQATALATVQQLDPIYVDVTQSSNDFLR.L	43
PLOG-776	proteomics_log	484169	484294	-	6	13	R.IGKSNVTEGALVQNGQATALATVQQLDPIYVDVTQSSNDFLR.L	46
PLOG-777	proteomics_log	484295	484339	-	6	46	R.INLAYTKVTSPISGR.I	19

PLOG-778	proteomics_log	484319	484339	-	6	5	R.INLAYTK.V	11
PLOG-779	proteomics_log	484319	484339	-	6	5	R.INLAYTK.V	11
PLOG-780	proteomics_log	484340	484450	-	6	8	K.LLGTQYISKQEYDQALADAQQANA AVTAAKAAVETAR.I	41
PLOG-781	proteomics_log	484361	484423	-	6	2	K.QEYDQALADAQQANA AVTAAK.A	25
PLOG-782	proteomics_log	484361	484450	-	6	153	K.LLGTQYISKQEYDQALADAQQANA AVTAAK.A	34
PLOG-783	proteomics_log	484460	484501	-	6	8	K.AQAAANIAQLTVNR.Y	18
PLOG-784	proteomics_log	484607	484651	-	6	126	R.IAEVRPQVSGIILKR.N	19
PLOG-785	proteomics_log	484610	484651	-	6	17	R.IAEVRPQVSGIILK.R	18
PLOG-786	proteomics_log	484667	484705	-	6	2	K.TEPLQITTELPGR.T	17
PLOG-787	proteomics_log	484724	484834	-	6	2	K.NRGFTPLAVVLM*LSGSLALTGCDDKQAQQGGQMPAV.G	42
PLOG-788	proteomics_log	489773	489853	-	6	8	R.HAVEQQQLPQVAWLAEHLAAQLEAIAR.E	31
PLOG-789	proteomics_log	500789	500839	-	6	4	R.TM*LELLETPPAGEVVTG.-	22
PLOG-790	proteomics_log	500789	500839	-	6	6	R.TMLELLETPPAGEVVTG.-	21
PLOG-791	proteomics_log	505908	505976	-	4	2	K.RLPTIIDAPAQEFATIIYVSGGKR.G	27
PLOG-792	proteomics_log	508300	508341	-	5	5	R.HSLMGVADALAISR.A	18
PLOG-793	proteomics_log	508549	508599	-	5	17	R.LVMLTGDNPPTANAIK.E	21
PLOG-794	proteomics_log	508756	508842	-	5	4	R.GLVSGEAEHALLLGNQALLNEQQVGTK.A	33
PLOG-795	proteomics_log	508906	508950	-	5	8	R.LAAALEQGSSHPLAR.A	19
PLOG-796	proteomics_log	508906	508953	-	5	2	L.RLAAALEQGSSHPLAR.A	20
PLOG-797	proteomics_log	508906	508986	-	5	7	K.TFADVDEAQALRLAAALEQGSSHPLAR.A	31
PLOG-798	proteomics_log	508951	508986	-	5	12	K.TFADVDEAQALR.L	16
PLOG-799	proteomics_log	508987	509064	-	5	14	R.ASTLDTVVFDKGTLTGKPKVAVK.T	30
PLOG-800	proteomics_log	509086	509112	-	5	2	R.AAEFGVLR.D	13
PLOG-801	proteomics_log	509362	509397	-	5	66	R.ASAVGSHTTISR.I	16
PLOG-802	proteomics_log	509560	509601	-	5	7	K.SVPLAEVQPGMLLR.L	18
PLOG-803	proteomics_log	509560	509625	-	5	25	R.LVTDEGEKSVPLAEVQPGMLLR.L	26
PLOG-804	proteomics_log	510211	510255	-	5	14	R.VQNALQSVPGVTQAR.V	19
PLOG-805	proteomics_log	510397	510432	-	5	3	K.QAGYDASVSHPK.A	16
PLOG-806	proteomics_log	512331	512417	-	4	2	R.IGKESYPNTGEERTGAGRRDGNMRRQR.P	33
PLOG-807	proteomics_log	514092	514178	-	4	7	K.VVMMPLEASSLMGSIAGIAELVKDSANKR.T	33
PLOG-808	proteomics_log	514110	514178	-	4	18	K.VVMMPLEASSLMGSIAGIAELVK.D	27
PLOG-809	proteomics_log	517195	517275	-	5	22	R.AIPTVYLFQNGQPVDGFGQPPEAIR.A	31
PLOG-810	proteomics_log	517402	517500	-	5	21	M.SVENIVNINESNLQVLEQSMTPVLFYFWSER.S	37
PLOG-811	proteomics_log	517723	517788	-	5	5	R.FTDNVNQTQSDKPVENPGIAAR.F	26
PLOG-812	proteomics_log	518864	518911	-	6	6	A.ADTLLILGDSLSAGYR.M	20
PLOG-813	proteomics_log	521317	521340	-	5	6	W.RPVTGDNR.I	12
PLOG-814	proteomics_log	541520	541555	-	6	2	E.RLRHAHTAVDRR.T	16
PLOG-815	proteomics_log	548312	548392	-	6	15	F.AQPAYPNPEHIAVAGHCRDDAACADHR.A	31
PLOG-816	proteomics_log	551509	551565	-	5	5	K.QLFDKHLHPTAPWQLLAER.S	23
PLOG-817	proteomics_log	551566	551637	-	5	2	R.ELARHPAFVNRDVFPIADRRLTK.Q	28
PLOG-818	proteomics_log	551638	551766	-	5	2	R.QAGEPLGIAVWPVGLDAEPAAVPFQQSVITAEIERWPETALTR.E	47
PLOG-819	proteomics_log	551776	551817	-	5	3	G.MKQVCVLGNGQLGR.M	18
PLOG-820	proteomics_log	551776	551820	-	5	3	C.GMKQVCVLGNGQLGR.M	19
PLOG-821	proteomics_log	551776	551817	-	5	3	G.MKQVCVLGNGQLGR.M	18
PLOG-822	proteomics_log	551776	551820	-	5	3	C.GMKQVCVLGNGQLGR.M	19
PLOG-823	proteomics_log	551826	551864	-	4	17	K.AQTDEVLENPDPR.G	17

PLOG-824	proteomics_log	551826	551867	-	4	19	R.KAQTDEVLENPDPR.G	18
PLOG-825	proteomics_log	551883	551954	-	4	114	K.AGAANAALLAAQILATHDKELHQR.L	28
PLOG-826	proteomics_log	551883	551987	-	4	10	R.GIPVGTLAIGKAGAANAALLAAQILATHDKELHQR.L	39
PLOG-827	proteomics_log	551955	551987	-	4	19	R.GIPVGTLAIGK.A	15
PLOG-828	proteomics_log	551988	552074	-	4	15	K.TLVPVLGVPVQSAALSGVDSLYSIVQM*PR.G	34
PLOG-829	proteomics_log	551988	552074	-	4	287	K.TLVPVLGVPVQSAALSGVDSLYSIVQM*PR.G	33
PLOG-830	proteomics_log	552075	552185	-	4	17	R.TPDKLFSFAESAEEENGYQVIIAGAGGAAHLPGMIAAK.T	41
PLOG-831	proteomics_log	552186	552272	-	4	59	K.SDWATMQFAAEIFEILNVP HHVEVVS AHR.T	33
PLOG-832	proteomics_log	553169	553231	-	6	135	R.SGMHQDVPKEDVIIESVTVSE.-	25
PLOG-833	proteomics_log	553400	553429	-	6	3	K.NTRGTLAMAR.T	14
PLOG-834	proteomics_log	553421	553474	-	6	200	K.ATKEPIKNEANNGLKNTR.G	22
PLOG-835	proteomics_log	553421	553480	-	6	6	K.QKATKEPIKNEANNGLKNTR.G	24
PLOG-836	proteomics_log	553430	553474	-	6	66	K.ATKEPIKNEANNGLK.N	19
PLOG-837	proteomics_log	553475	553531	-	6	2	R.VINGFMIQGGGFEPGM*KQK.A	24
PLOG-838	proteomics_log	553475	553531	-	6	87	R.VINGFMIQGGGFEPGMKQK.A	23
PLOG-839	proteomics_log	553481	553531	-	6	2	R.VINGFM*IQGGGFEPGM*K.Q	23
PLOG-840	proteomics_log	553481	553531	-	6	5	R.VINGFMIQGGGFEPGM*K.Q	22
PLOG-841	proteomics_log	553481	553531	-	6	6	R.VINGFM*IQGGGFEPGMK.Q	22
PLOG-842	proteomics_log	553481	553531	-	6	192	R.VINGFMIQGGGFEPGMK.Q	21
PLOG-843	proteomics_log	553481	553564	-	6	3	R.EGFYNNTIFHRVINGFMIQGGGFEPGMK.Q	32
PLOG-844	proteomics_log	553532	553564	-	6	22	R.EGFYNNTIFHR.V	15
PLOG-845	proteomics_log	553565	553618	-	6	9	K.TFDDKAPETVKNFLDYCR.E	22
PLOG-846	proteomics_log	553586	553618	-	6	14	K.TFDDKAPETVK.N	15
PLOG-847	proteomics_log	553586	553660	-	6	2	K.MVTFHTNHGDIVIKTFDDKAPETVK.N	29
PLOG-848	proteomics_log	553619	553660	-	6	5	K.M*VTFHTNHGDIVIK.T	19
PLOG-849	proteomics_log	553619	553660	-	6	209	K.MVTFHTNHGDIVIK.T	18
PLOG-850	proteomics_log	554037	554138	-	4	3	K.ASKSLCISAIMRSTIATKLSPFSLARLMILSSIS.V	38
PLOG-851	proteomics_log	555688	555750	-	5	26	R.RSPMHWFRVGFESHPSASVIC.R	25
PLOG-852	proteomics_log	555953	555976	-	6	2	K.VDGAVETR.K	12
PLOG-853	proteomics_log	556299	556373	-	4	30	R.HHVENADLLIVAVGKPGFIPGDWIK.E	29
PLOG-854	proteomics_log	556299	556382	-	4	4	K.NLRHHVENADLLIVAVGKPGFIPGDWIK.E	32
PLOG-855	proteomics_log	556509	556532	-	4	3	R.GIVTLER.Y	12
PLOG-856	proteomics_log	556575	556625	-	4	26	R.IHPDKDVDGFHPYVGR.L	21
PLOG-857	proteomics_log	556638	556766	-	4	100	R.SYDLPETTSEAELLELIDTLNADNTIDGILVQLPLPAGIDNVK.V	47
PLOG-858	proteomics_log	556797	556886	-	4	7	R.IAAGLRAPGLAVVLVGSNPASQIYVASKR.A	34
PLOG-859	proteomics_log	556800	556841	-	4	7	V.GSNPASQIYVASKR.K	18
PLOG-860	proteomics_log	556800	556886	-	4	37	R.IAAGLRAPGLAVVLVGSNPASQIYVASKR.K	33
PLOG-861	proteomics_log	556803	556868	-	4	2	R.APGLAVVLVGSNPASQIYVASK.R	26
PLOG-862	proteomics_log	556803	556886	-	4	173	R.IAAGLRAPGLAVVLVGSNPASQIYVASK.R	32
PLOG-863	proteomics_log	556887	556910	-	4	2	E.VAQKVQAR.I	12
PLOG-864	proteomics_log	556887	556916	-	4	108	R.SEVAQKVQAR.I	14
PLOG-865	proteomics_log	556917	556952	-	4	102	K.IIDGKTIAQQVR.S	16
PLOG-866	proteomics_log	556917	556961	-	4	9	M.AAKIIDGKTIAQQVR.S	19
PLOG-867	proteomics_log	572229	572249	-	4	4	I.RAVLVFR.M	11
PLOG-868	proteomics_log	577841	577918	-	6	15	K.TETQQTFFVNGLLGFITLGIYTPLEAR.V	30
PLOG-869	proteomics_log	577841	577948	-	6	9	K.ICGGAENVVKTETQQTFFVNGLLGFITLGIYTPLEAR.V	40

PLOG-870	proteomics_log	583906	583965	-	5	38	K.NGAGIENYNFITTAGLKTYF.-	24
PLOG-871	proteomics_log	583915	583965	-	5	89	K.NGAGIENYNFITTAGLK.Y	21
PLOG-872	proteomics_log	583966	584031	-	5	68	R.VTNKKGNTSLYDHNNNTSDYSK.N	26
PLOG-873	proteomics_log	584032	584058	-	5	2	K.VYVEGAWNR.V	13
PLOG-874	proteomics_log	584059	584130	-	5	14	R.SKVKDQNYYSVAVNAGYYVTPNAK.V	28
PLOG-875	proteomics_log	584200	584232	-	5	7	R.YEDFELGGTFK.Y	15
PLOG-876	proteomics_log	584233	584271	-	5	3	R.FKMPYIGLTGSYR.Y	17
PLOG-877	proteomics_log	584293	584364	-	5	61	R.GGSYIYSSEEGFRDDIGSFPNGER.A	28
PLOG-878	proteomics_log	584383	584415	-	5	4	R.LGLM*AGYQESR.Y	16
PLOG-879	proteomics_log	584383	584415	-	5	56	R.LGLMAGYQESR.Y	15
PLOG-880	proteomics_log	584638	584685	-	5	4	R.KVSQLDWKFNAAIIK.G	20
PLOG-881	proteomics_log	584683	584712	-	5	3	R.VYLAEEGGRK.V	14
PLOG-882	proteomics_log	584686	584712	-	5	24	R.VYLAEEGGR.K	13
PLOG-883	proteomics_log	584686	584718	-	5	4	K.ERVYLAEEGGR.K	15
PLOG-884	proteomics_log	584713	584772	-	5	2	T.PDNINADISLGTLSGKTKER.V	24
PLOG-885	proteomics_log	584713	584796	-	5	22	A.STETLSFTPDNINADISLGTLSGKTKER.V	32
PLOG-886	proteomics_log	584719	584796	-	5	20	A.STETLSFTPDNINADISLGTLSGKTK.E	30
PLOG-887	proteomics_log	584725	584796	-	5	66	A.STETLSFTPDNINADISLGTLSGK.T	28
PLOG-888	proteomics_log	587303	587374	-	6	2	R.SLAESGSAGISGPARRTTTPGRK.S	28
PLOG-889	proteomics_log	587706	587786	-	4	2	V.YSRVFADTGENGVMPVKNPMSGTGLR.W	31
PLOG-890	proteomics_log	590180	590239	-	6	3	D.AITITQSRFKHRTGCATGVR.K	24
PLOG-891	proteomics_log	594334	594405	-	5	2	R.VKGLELGADDYLVPFAFAELLAR.V	28
PLOG-892	proteomics_log	594406	594453	-	5	15	K.GMPILLLTALGTIEHR.V	20
PLOG-893	proteomics_log	595821	595901	-	4	2	C.CWRISAISRLAWLRPALKMGISILGIK.F	31
PLOG-894	proteomics_log	600655	600693	-	5	47	K.AHPPQQPDAAHQR.K	17
PLOG-895	proteomics_log	603997	604026	-	5	6	R.LPQNITLTEV.-	14
PLOG-896	proteomics_log	603997	604032	-	5	135	K.SRLPQNITLTEV.-	16
PLOG-897	proteomics_log	604033	604104	-	5	52	K.GYTSLVVVVPVGHHSVEDFNATLPK.S	28
PLOG-898	proteomics_log	604105	604224	-	5	51	K.QVYLVNNGNFKLLGVAALGLDAVPIEGFDAAILDAEFGLKEK.G	44
PLOG-899	proteomics_log	604111	604224	-	5	7	K.QVYLVNNGNFKLLGVAALGLDAVPIEGFDAAILDAEFGLK.E	42
PLOG-900	proteomics_log	604225	604257	-	5	20	K.DLHDDAEWMAK.Q	15
PLOG-901	proteomics_log	604258	604284	-	5	3	R.KFFADMHRK.D	13
PLOG-902	proteomics_log	604306	604359	-	5	4	K.LVVDQEDADGRFATPEAK.A	22
PLOG-903	proteomics_log	604306	604386	-	5	49	K.TAMDDVWLKLVVDQEDADGRFATPEAK.A	31
PLOG-904	proteomics_log	604327	604359	-	5	50	K.LVVDQEDADGR.F	15
PLOG-905	proteomics_log	604360	604386	-	5	24	K.TAMDDVWLK.L	13
PLOG-906	proteomics_log	604387	604428	-	5	4	R.KMLDASHVVVFCAK.T	18
PLOG-907	proteomics_log	604426	604461	-	5	32	K.SAAGNYVFNERK.M	16
PLOG-908	proteomics_log	604429	604461	-	5	37	K.SAAGNYVFNERK.K	15
PLOG-909	proteomics_log	604471	604509	-	5	2	W.HFIVASTEEGKAR.V	17
PLOG-910	proteomics_log	604471	604554	-	5	6	K.TLLQYSPSSTNSQPWHFIVASTEEGKAR.V	32
PLOG-911	proteomics_log	604471	604587	-	5	4	K.KLTPEQAEQIKTLLQYSPSSTNSQPWHFIVASTEEGKAR.V	43
PLOG-912	proteomics_log	604555	604587	-	5	48	K.KLTPEQAEQIK.T	15
PLOG-913	proteomics_log	604588	604617	-	5	7	R.HSTKAFDASK.K	14
PLOG-914	proteomics_log	604618	604647	-	5	2	F.M*DIISVALKR.H	15
PLOG-915	proteomics_log	604618	604647	-	5	164	F.MDIISVALKR.H	14

PLOG-916	proteomics_log	609480	609596	-	4	3	R.AGNAQTTGDLAGANYIAGAGAYTYNEPGRTWYMSVNTHF.-	43
PLOG-917	proteomics_log	609606	609650	-	4	5	K.NVSLTGGVDNLFDKR.L	19
PLOG-918	proteomics_log	609651	609704	-	4	5	K.EISPYSIVGLSATWDVTK.N	22
PLOG-919	proteomics_log	609804	609857	-	4	2	R.LSIIPEYTLNSTLSWQAR.E	22
PLOG-920	proteomics_log	609804	609884	-	4	2	K.SENKTTGDRLSIIPEYTLNSTLSWQAR.E	31
PLOG-921	proteomics_log	610065	610097	-	4	2	R.DGWLAVGTWFR.N	15
PLOG-922	proteomics_log	610203	610259	-	4	7	R.AYKAPSLYQTNPNYILYSK.G	23
PLOG-923	proteomics_log	610275	610358	-	4	69	R.FDHHIVGNNWSPALNISQGLGDDFTLK.M	32
PLOG-924	proteomics_log	610434	610532	-	4	9	R.MKDLSSNTQALTGTNTGGAIDGVSTTDRSPYSK.A	37
PLOG-925	proteomics_log	610449	610526	-	4	2	K.DLSSNTQALTGTNTGGAIDGVSTTDR.S	30
PLOG-926	proteomics_log	610533	610592	-	4	6	L.PIDFLVNQTLTLGTEWNQQR.M	24
PLOG-927	proteomics_log	610533	610655	-	4	8	K.ATQDFVDIDLDDVMLHSEVNLPIDFLVNQTLTLGTEWNQQR.M	45
PLOG-928	proteomics_log	610656	610703	-	4	3	R.IPEGLAGGTEGKFNEK.A	20
PLOG-929	proteomics_log	610656	610712	-	4	13	R.NSRIPEGLAGGTEGKFNEK.A	23
PLOG-930	proteomics_log	610794	610829	-	4	6	R.SKYGDETNRLYR.Q	16
PLOG-931	proteomics_log	610803	610829	-	4	11	R.SKYGDETNR.L	13
PLOG-932	proteomics_log	610830	610886	-	4	67	R.QGNLYAGDTQNTNSDSYTR.S	23
PLOG-933	proteomics_log	610887	610937	-	4	125	R.WDFAPLQSLELEAGYSR.Q	21
PLOG-934	proteomics_log	610887	610976	-	4	18	R.EGVINKDINGVVRWDFAPLQSLELEAGYSR.Q	34
PLOG-935	proteomics_log	610938	610976	-	4	37	R.EGVINKDINGVVR.W	17
PLOG-936	proteomics_log	610938	611012	-	4	85	R.AGTYATTLPAGREGVINKDINGVVR.W	29
PLOG-937	proteomics_log	610977	611012	-	4	86	R.AGTYATTLPAGR.E	16
PLOG-938	proteomics_log	611013	611081	-	4	71	R.LYGNLDKTQADAWDINQGHQSAR.A	27
PLOG-939	proteomics_log	611082	611129	-	4	132	R.TNFSLTGPLGDEFSFR.L	20
PLOG-940	proteomics_log	611082	611132	-	4	2	K.RTNFSLTGPLGDEFSFR.L	21
PLOG-941	proteomics_log	611208	611255	-	4	50	R.YGNGAAGGVVNIITKK.G	20
PLOG-942	proteomics_log	611211	611255	-	4	145	R.YGNGAAGGVVNIITK.K	19
PLOG-943	proteomics_log	611256	611288	-	4	59	R.IEVLRGPAAR.Y	15
PLOG-944	proteomics_log	611289	611327	-	4	17	R.GDTSWVPPEMIER.I	17
PLOG-945	proteomics_log	611370	611426	-	4	106	R.GMGPENTLILIDGKPVSSR.N	23
PLOG-946	proteomics_log	611454	611501	-	4	104	R.TMPGVNLTGNSTSGQR.G	20
PLOG-947	proteomics_log	611541	611651	-	4	5	A.QEPTDTPVSHDDTIVVTAEEQNQLQAPGVSTITADEIR.K	41
PLOG-948	proteomics_log	614499	614579	-	4	4	V.TLFIGEDLNTQITVYIREQQQFKVINR.T	31
PLOG-949	proteomics_log	619783	619878	-	5	8	R.FVECRIAQRPDVGKNLAFRTHHYIDAHCRRLT.G	36
PLOG-950	proteomics_log	622795	622830	-	5	2	R.LDYYSAMQVLDR.L	16
PLOG-951	proteomics_log	623590	623622	-	5	5	R.GTHTLESQPQR.I	15
PLOG-952	proteomics_log	625638	625682	-	4	3	R.M*LAIGNQQCGFNLG.I	20
PLOG-953	proteomics_log	631615	631647	-	5	3	R.AAFKKVESFKA.-	15
PLOG-954	proteomics_log	631789	631869	-	5	2	K.VAYGILVQSALLGQDDVLAQLTGAYQR.F	31
PLOG-955	proteomics_log	635271	635324	-	4	2	Q.KRPAAMMIGIRADESYNR.F	22
PLOG-956	proteomics_log	637490	637534	-	6	3	K.KFTHQPDAKCGNGWN.N	19
PLOG-957	proteomics_log	640665	640694	-	4	40	R.HANLPVLRVVR.-	14
PLOG-958	proteomics_log	640695	640748	-	4	4	R.NPSISTHLLGSNASSVIR.H	22
PLOG-959	proteomics_log	640695	640823	-	4	29	R.FGSVRDEVNELAEELGADVIVVIGSRNPSISTHLLGSNASSVIR.H	47
PLOG-960	proteomics_log	640728	640823	-	4	5	R.FGSVRDEVNELAEELGADVIVVIGSRNPSISTH.L	36
PLOG-961	proteomics_log	640749	640823	-	4	24	R.FGSVRDEVNELAEELGADVIVVIGSR.N	29

PLOG-962	proteomics_log	640842	640883	-	4	102	R.LQTMVSHFTIDPSR.I	18
PLOG-963	proteomics_log	640884	640919	-	4	19	R.FEEHLQHEAQR.L	16
PLOG-964	proteomics_log	640884	640922	-	4	115	R.RFEEHLQHEAQR.L	17
PLOG-965	proteomics_log	640941	641024	-	4	167	R.HAEFLAQDDGVIHLLHVLPGSASLSLHR.F	32
PLOG-966	proteomics_log	641025	641081	-	4	18	K.TIIMPVDVFEMELSDKAVR.H	23
PLOG-967	proteomics_log	641025	641090	-	4	83	V.MYKTIIMPVDVFEMELSDKAVR.H	26
PLOG-968	proteomics_log	641034	641081	-	4	77	K.TIIMPVDVFEMELSDK.A	20
PLOG-969	proteomics_log	641953	642015	-	5	6	N.RDRAVAVGGEM*QAVGM*M*INNK.N	28
PLOG-970	proteomics_log	642783	642884	-	4	68	R.VGDSIHWELPGGVATHLEVLELEYQPEAAGDYLL.-	38
PLOG-971	proteomics_log	642786	642884	-	4	3	R.VGDSIHWELPGGVATHLEVLELEYQPEAAGDYLL.L	37
PLOG-972	proteomics_log	642885	642944	-	4	2	T.DSNTQLSVMAPVGAALLGLR.V	24
PLOG-973	proteomics_log	642885	642950	-	4	4	K.M*TDSNTQLSVMAPVGAALLGLR.V	27
PLOG-974	proteomics_log	642885	642950	-	4	4	K.M*TDSNTQLSVM*APVGAALLGLR.V	28
PLOG-975	proteomics_log	642885	642950	-	4	69	K.MTDSNTQLSVMAPVGAALLGLR.V	26
PLOG-976	proteomics_log	642885	642971	-	4	18	R.TLVYPAKMTDSNTQLSVMAPVGAALLGLR.V	33
PLOG-977	proteomics_log	642978	643001	-	4	2	R.NLSDGEVR.V	12
PLOG-978	proteomics_log	642978	643007	-	4	2	K.FRNLSDGEVR.V	14
PLOG-979	proteomics_log	643071	643145	-	4	27	R.IDILLEQPAYAGLPIADALNAELDR.A	29
PLOG-980	proteomics_log	643146	643187	-	4	11	M.SRPTIIIINDLDAER.I	18
PLOG-981	proteomics_log	643648	643707	-	5	2	R.LNQEIKESEAGKFLADNYGK.T	24
PLOG-982	proteomics_log	643792	643824	-	5	4	K.LSEVM*PGAGGR.S	16
PLOG-983	proteomics_log	643792	643824	-	5	6	K.LSEVM*PGAGGR.S	15
PLOG-984	proteomics_log	643882	643926	-	5	2	R.FGCATRPINLPEAR.A	19
PLOG-985	proteomics_log	643969	644037	-	5	2	R.LQTETTNKADFLT VHGLWPGLPK.S	27
PLOG-986	proteomics_log	653854	653898	-	5	2	R.TSVPVLVGLVIVIVA.T	19
PLOG-987	proteomics_log	654217	654279	-	5	2	R.GMADAFANVVMMLLVAAGVFAQ.G	25
PLOG-988	proteomics_log	656776	656823	-	5	13	H.DRTGILAVFGLNRTLK.T	20
PLOG-989	proteomics_log	658492	658521	-	5	12	R.SSYHADLQAK.G	14
PLOG-990	proteomics_log	658630	658713	-	5	4	N.EEIIIVMRDLRRHGVTM*LTLGQYLQPSR.H	33
PLOG-991	proteomics_log	658747	658779	-	5	2	R.FKEAHPEIPTK.S	15
PLOG-992	proteomics_log	658840	658905	-	5	58	R.ALDILTATPPDVFHNHLENVPR.I	26
PLOG-993	proteomics_log	660863	660919	-	6	6	R.LLENILALLNPNDFEYITA.-	23
PLOG-994	proteomics_log	661133	661204	-	6	21	R.ELVTLLEQTVVNTLAE LGIEAHPR.A	28
PLOG-995	proteomics_log	661614	661667	-	4	6	H.IEQVETLYEELGKIDIVR.M	22
PLOG-996	proteomics_log	661614	661709	-	4	11	K.GNYHSVSITINATHIEQVETLYEELGKIDIVR.M	36
PLOG-997	proteomics_log	661710	661754	-	4	6	R.HAPGDYTPTVKPSK.G	19
PLOG-998	proteomics_log	661755	661811	-	4	9	K.VM*GQALPELVDQVVEVVQR.H	24
PLOG-999	proteomics_log	661755	661811	-	4	248	K.VMGQALPELVDQVVEVVQR.H	23
PLOG-1000	proteomics_log	661755	661853	-	4	5	K.LNELLEFPTPFTYKVM*GQALPELVDQVVEVVQR.H	38
PLOG-1001	proteomics_log	661755	661853	-	4	61	K.LNELLEFPTPFTYKVMGQALPELVDQVVEVVQR.H	37
PLOG-1002	proteomics_log	661755	661865	-	4	4	D.M*KTKLNELLEFPTPFTYKVM*GQALPELVDQVVEVVQR.H	43
PLOG-1003	proteomics_log	661755	661865	-	4	53	D.MKTKLNELLEFPTPFTYKVMGQALPELVDQVVEVVQR.H	41
PLOG-1004	proteomics_log	661812	661853	-	4	45	K.LNELLEFPTPFTYK.V	18
PLOG-1005	proteomics_log	661812	661865	-	4	7	D.M*KTKLNELLEFPTPFTYK.V	23
PLOG-1006	proteomics_log	661812	661865	-	4	27	D.MKTKLNELLEFPTPFTYK.V	22
PLOG-1007	proteomics_log	661978	662082	-	5	5	K.TIEQRPLVVLQEIPEGNFFGKIIDYIKLMFHHWFG.-	39

PLOG-1008	proteomics_log	662002	662022	-	5	4	G.KIIDYIK.L	11
PLOG-1009	proteomics_log	662125	662172	-	5	4	K.ASYVLNSELHAPLQK.N	20
PLOG-1010	proteomics_log	662125	662187	-	5	3	R.M*KDLKASYVLNSELHAPLQK.N	26
PLOG-1011	proteomics_log	662194	662238	-	5	13	R.ASLGVDKDVYLTIPR.G	19
PLOG-1012	proteomics_log	662239	662316	-	5	5	R.FFETVNPLKVGKEFASEPVWFGSDR.A	30
PLOG-1013	proteomics_log	662371	662397	-	5	9	R.LISAVMGGR.T	13
PLOG-1014	proteomics_log	662518	662610	-	5	2	R.DMALIGQALIRDVPNEYSIYKEKEFTFNGIR.Q	35
PLOG-1015	proteomics_log	662578	662610	-	5	4	R.DMALIGQALIR.D	15
PLOG-1016	proteomics_log	662611	662670	-	5	2	K.NTHFQTVHGLDADGQYSSAR.D	24
PLOG-1017	proteomics_log	662788	662847	-	5	2	K.GSSLMFLKPGMQVPVSQLIR.G	24
PLOG-1018	proteomics_log	662848	662913	-	5	4	K.FKETDLVTIGNDAWATGNPVFK.G	26
PLOG-1019	proteomics_log	662923	662958	-	5	42	K.MMTSYVIGQAMK.A	16
PLOG-1020	proteomics_log	662983	663012	-	5	16	K.VLAEQNADV.R	14
PLOG-1021	proteomics_log	663328	663372	-	5	10	R.LQTEAQLQSFITTAQ.-	19
PLOG-1022	proteomics_log	663373	663399	-	5	6	K.AEASTLQQR.L	13
PLOG-1023	proteomics_log	663472	663504	-	5	29	R.AQQYQQQLGQK.F	15
PLOG-1024	proteomics_log	663919	663963	-	5	5	R.AAADRLNTSNNTKVR.I	19
PLOG-1025	proteomics_log	663925	663963	-	5	64	R.AAADRLNTSNNTK.V	17
PLOG-1026	proteomics_log	663964	664014	-	5	2	R.INDRGPYGNDRVISLSR.A	21
PLOG-1027	proteomics_log	664030	664053	-	5	2	R.ITNLANGR.M	12
PLOG-1028	proteomics_log	664030	664056	-	5	2	A.RITNLANGR.M	13
PLOG-1029	proteomics_log	667735	667785	-	5	3	R.ILDKEGEQMLAAAGKNR.I	21
PLOG-1030	proteomics_log	667972	668079	-	5	71	R.AAGLLPLGVEGENSADWIVVDLGDVIVHVMQEESSR.L	40
PLOG-1031	proteomics_log	667975	668079	-	5	183	R.AAGLLPLGVEGENSADWIVVDLGDVIVHVMQEESSR.R	39
PLOG-1032	proteomics_log	668080	668121	-	5	13	R.HVM*SIADHVQESR.A	19
PLOG-1033	proteomics_log	668080	668121	-	5	132	R.HVMSIADHVQESR.A	18
PLOG-1034	proteomics_log	668080	668145	-	5	7	I.ICTGTSSRHVMSIADHVQESR.A	26
PLOG-1035	proteomics_log	668170	668247	-	5	106	K.ALQDFVIDKIDDLKGGQDIIALDVQGK.S	30
PLOG-1036	proteomics_log	668220	668255	-	4	6	C.RVKHSRILLSTK.L	16
PLOG-1037	proteomics_log	670831	670905	-	5	5	R.SDEEQTSTTTDTPATPARVSTTLGN.-	29
PLOG-1038	proteomics_log	670852	670905	-	5	8	R.SDEEQTSTTTDTPATPAR.V	22
PLOG-1039	proteomics_log	671427	671468	-	4	5	K.VIYVPGKLLNLVVG.-	18
PLOG-1040	proteomics_log	671427	671471	-	4	29	R.KVIYVPGKLLNLVVG.-	19
PLOG-1041	proteomics_log	671448	671471	-	4	10	R.KVIYVPGK.L	12
PLOG-1042	proteomics_log	671472	671522	-	4	9	R.AGQEHLVAKYLDGVTVR.K	21
PLOG-1043	proteomics_log	671496	671522	-	4	78	R.AGQEHLVAK.Y	13
PLOG-1044	proteomics_log	671523	671573	-	4	7	R.AKITVPVDATEEQVRER.A	21
PLOG-1045	proteomics_log	671730	671792	-	4	2	K.APTDGEQDRALMQEALLAVVR.M	25
PLOG-1046	proteomics_log	671793	671849	-	4	7	R.QTFNTAIAAIMELMNKLAK.A	23
PLOG-1047	proteomics_log	671802	671849	-	4	19	R.QTFNTAIAAIMELMNK.L	20
PLOG-1048	proteomics_log	671901	671984	-	4	2	W.KLVYEHTAKGDVAALNVDALTENQKALR.R	32
PLOG-1049	proteomics_log	671910	671957	-	4	3	K.GDVAALNVDALTENQK.A	20
PLOG-1050	proteomics_log	671910	671981	-	4	3	K.LVYEHTAKGDVAALNVDALTENQK.A	28
PLOG-1051	proteomics_log	672003	672077	-	4	4	R.LFMMFASPADMTLEWQESGVEGANR.F	29
PLOG-1052	proteomics_log	672099	672140	-	4	8	K.SKNNGIDPQVMVER.Y	18
PLOG-1053	proteomics_log	672150	672191	-	4	6	K.DAAGHELVTGMSK.M	18

PLOG-1054	proteomics_log	672150	672197	-	4	3	K.AKDAAGHELVTGM*SK.M	21
PLOG-1055	proteomics_log	672150	672206	-	4	6	R.IVKAKDAAGHELVTGM*SK.M	24
PLOG-1056	proteomics_log	672324	672359	-	4	3	R.DAGM*VNSDEPAK.Q	17
PLOG-1057	proteomics_log	672324	672359	-	4	3	R.DAGMVNSDEPAK.Q	16
PLOG-1058	proteomics_log	672381	672479	-	4	9	K.EGMLDSEAANYWLPVDIYIGGIEHAIMHLLYFR.F	37
PLOG-1059	proteomics_log	672774	672872	-	4	87	K.GVLFNSGEFNGLDHEAAFNAIADKLTAMGVGER.K	37
PLOG-1060	proteomics_log	672873	672953	-	4	27	K.YGLNIKPVILAADGSEPDLSQQALTEK.G	31
PLOG-1061	proteomics_log	673107	673139	-	4	2	K.VAEAEMATM*EK.K	16
PLOG-1062	proteomics_log	673107	673139	-	4	3	K.VAEAEMATMEK.K	15
PLOG-1063	proteomics_log	673107	673139	-	4	2	K.VAEAEM*ATM*EK.K	17
PLOG-1064	proteomics_log	673356	673424	-	4	61	K.ITAYADELLNDLDKLDHWPDTVK.T	27
PLOG-1065	proteomics_log	673494	673571	-	4	2	K.KGLVYKKTSAVNWCNPNDQTVLANEQV.I	30
PLOG-1066	proteomics_log	673731	673793	-	4	13	K.NVLQPIGWDAFGLPAEGA AVK.N	25
PLOG-1067	proteomics_log	673731	673805	-	4	8	R.MLGKNVLQPIGWDAFGLPAEGA AVK.N	29
PLOG-1068	proteomics_log	673815	673844	-	4	24	R.NYTIGDVIAR.Y	14
PLOG-1069	proteomics_log	673941	673967	-	4	7	K.VQLHWDEKR.T	13
PLOG-1070	proteomics_log	673968	674006	-	4	6	A.M*QEQRPEEIESK.V	18
PLOG-1071	proteomics_log	673968	674006	-	4	30	A.MQEQRPEEIESK.V	17
PLOG-1072	proteomics_log	681700	681744	-	5	2	A.SEAESNRQSGAGWRR.V	19
PLOG-1073	proteomics_log	683504	683542	-	6	8	K.AITSSAGNQTPEK.T	17
PLOG-1074	proteomics_log	684047	684109	-	6	7	R.VGLSAHANKFPAQLSGGQQQR.V	25
PLOG-1075	proteomics_log	684167	684244	-	6	42	R.VGMVFQHFELFPHLSIIENLTLAQVK.V	30
PLOG-1076	proteomics_log	684167	684250	-	6	12	R.SRVGMVFQHFELFPHLSIIENLTLAQVK.V	32
PLOG-1077	proteomics_log	686065	686100	-	5	54	K.ALFKEPNDKALN.-	16
PLOG-1078	proteomics_log	686074	686100	-	5	14	K.ALFKEPNDK.A	13
PLOG-1079	proteomics_log	686101	686139	-	5	6	K.NLNMNLFELSDEMK.A	17
PLOG-1080	proteomics_log	686140	686229	-	5	2	K.LMDDTIAQVQTSGEAEKWFDKWFKNPIPPK.N	34
PLOG-1081	proteomics_log	686179	686229	-	5	2	K.LM*DDTIAQVQTSGEAEK.W	22
PLOG-1082	proteomics_log	686326	686376	-	5	9	R.AVAFMDDALLAGERAK.A	21
PLOG-1083	proteomics_log	686326	686394	-	5	9	R.TLESGRAVAFMDDALLAGERAK.A	27
PLOG-1084	proteomics_log	686332	686376	-	5	4	R.AVAFM*M*DDALLAGER.A	21
PLOG-1085	proteomics_log	686332	686376	-	5	155	R.AVAFMDDALLAGER.A	19
PLOG-1086	proteomics_log	686377	686430	-	5	8	R.IISAKDHGDSFRTLESGR.A	22
PLOG-1087	proteomics_log	686395	686430	-	5	88	R.IISAKDHGDSFR.T	16
PLOG-1088	proteomics_log	686431	686508	-	5	5	K.AVVVTSGTTSEVLLNKLNEEQKMNMR.I	30
PLOG-1089	proteomics_log	686431	686550	-	5	4	K.KGGDIKDFANLKDKAVVVTSGTTSEVLLNKLNEEQM*NM*R.I	46
PLOG-1090	proteomics_log	686443	686508	-	5	4	K.AVVVTSGTTSEVLLNKLNEEQK.M	26
PLOG-1091	proteomics_log	686443	686550	-	5	2	K.KGGDIKDFANLKDKAVVVTSGTTSEVLLNKLNEEQK.M	40
PLOG-1092	proteomics_log	686509	686550	-	5	16	K.KGGDIKDFANLKDK.A	18
PLOG-1093	proteomics_log	686563	686592	-	5	7	F.SDTIFVVGTR.L	14
PLOG-1094	proteomics_log	686563	686604	-	5	80	K.QAAFSDTIFVVGTR.L	18
PLOG-1095	proteomics_log	686563	686610	-	5	123	R.QKQAAFSDTIFVVGTR.L	20
PLOG-1096	proteomics_log	686704	686733	-	5	27	K.KLNKPDQLQVK.L	14
PLOG-1097	proteomics_log	686734	686787	-	5	10	K.VVGYSQDYSNAIVEAVKK.K	22
PLOG-1098	proteomics_log	686737	686787	-	5	5	K.VVGYSQDYSNAIVEAVK.K	21
PLOG-1099	proteomics_log	686788	686829	-	5	7	R.ESSVPFSYDNQQK.V	18

PLOG-1100	proteomics_log	686788	686856	-	5	2	K.NGVIVVGHRESSVPFSYYDNQK.V	27
PLOG-1101	proteomics_log	686830	686856	-	5	34	K.NGVIVVGH.R.E	13
PLOG-1102	proteomics_log	686830	686904	-	5	2	A.DDAAPAAGSTLDKIAKNGVIVVGH.R.E	29
PLOG-1103	proteomics_log	686857	686904	-	5	219	A.DDAAPAAGSTLDKIAK.N	20
PLOG-1104	proteomics_log	686866	686904	-	5	20	A.DDAAPAAGSTLDK.I	17
PLOG-1105	proteomics_log	690588	690626	-	4	23	R.SDAEAFSMDKVL.R.Q	17
PLOG-1106	proteomics_log	690597	690626	-	4	2	R.SDAEAFSM*DK.V	15
PLOG-1107	proteomics_log	690648	690701	-	4	2	R.FPVISEDKDHIEGILMAK.D	22
PLOG-1108	proteomics_log	690780	690803	-	4	16	R.VRDIMIPR.S	12
PLOG-1109	proteomics_log	690804	690842	-	4	2	R.DM*LEGVM*DIADQR.V	19
PLOG-1110	proteomics_log	690843	690881	-	4	4	R.DSGQNDLIDEDTR.D	17
PLOG-1111	proteomics_log	690882	690911	-	4	6	K.NRDELLALIR.D	14
PLOG-1112	proteomics_log	691609	691656	-	5	2	R.IVNAYEAWEAEQKRK.A	20
PLOG-1113	proteomics_log	691657	691746	-	5	69	R.HAIEVLADVEEISFNFFHSEDVVRHPVVAR.I	34
PLOG-1114	proteomics_log	691675	691746	-	5	50	R.HAIEVLADVEEISFNFFHSEDVVR.H	28
PLOG-1115	proteomics_log	691675	691758	-	5	3	K.SGLRHAIEVLADVEEISFNFFHSEDVVR.H	32
PLOG-1116	proteomics_log	691759	691809	-	5	4	K.AVITGDVTQIDLPRNTK.S	21
PLOG-1117	proteomics_log	691768	691809	-	5	19	K.AVITGDVTQIDLPR.N	18
PLOG-1118	proteomics_log	691828	691905	-	5	48	R.TLNDAFIILDESQNTTIEQMFMFLTR.I	30
PLOG-1119	proteomics_log	691828	691911	-	5	4	R.GRTLNDAFIILDESQNTTIEQMFMFLTR.I	32
PLOG-1120	proteomics_log	691843	691905	-	5	6	R.TLNDAFIILDESQNTTIEQMK.M	25
PLOG-1121	proteomics_log	691912	691947	-	5	6	R.NVIEVAPLAYMR.G	16
PLOG-1122	proteomics_log	691960	692028	-	5	2	K.VDPYLRPLYDALFEMLGFEKVEK.L	27
PLOG-1123	proteomics_log	691969	692028	-	5	15	K.VDPYLRPLYDALFEMLGFEK.V	24
PLOG-1124	proteomics_log	691969	692061	-	5	4	K.LGFLPGDLSQKVDPLYLRPLYDALFEMLGFEK.V	35
PLOG-1125	proteomics_log	692062	692100	-	5	12	R.ILLTRPAVEAGEK.L	17
PLOG-1126	proteomics_log	692101	692238	-	5	2	R.TPNQAQYIANILDHDITFGVGPAGTGKTYLAVAAAVDALERQEIRR.I	50
PLOG-1127	proteomics_log	692116	692157	-	5	4	K.TYLAVAAAVDALER.Q	18
PLOG-1128	proteomics_log	692116	692238	-	5	3	R.TPNQAQYIANILDHDITFGVGPAGTGKTYLAVAAAVDALER.Q	45
PLOG-1129	proteomics_log	692158	692238	-	5	35	R.TPNQAQYIANILDHDITFGVGPAGTGK.T	31
PLOG-1130	proteomics_log	692281	692322	-	5	15	R.VLEQSAESVPEYK.A	18
PLOG-1131	proteomics_log	692323	692409	-	5	7	R.SLYVDTAPMRGQIQDIEPEQIHLAIKEAR.V	33
PLOG-1132	proteomics_log	692551	692583	-	5	42	R.EITLEPADNAR.L	15
PLOG-1133	proteomics_log	692757	692798	-	4	5	R.TRKENDLGVGYYQP.-	18
PLOG-1134	proteomics_log	692799	692831	-	4	12	R.VAETPESVIAR.T	15
PLOG-1135	proteomics_log	692832	692855	-	4	2	R.TEDEM*GLR.V	13
PLOG-1136	proteomics_log	692871	692915	-	4	5	K.FVDVEITDVYPNSLR.G	19
PLOG-1137	proteomics_log	693021	693044	-	4	2	R.RMLGTTQR.I	12
PLOG-1138	proteomics_log	693045	693074	-	4	4	R.INQQAMAWSR.R	14
PLOG-1139	proteomics_log	693219	693296	-	4	2	R.AARPDIQISSDFIVGFPGETTEDFEK.T	30
PLOG-1140	proteomics_log	693363	693473	-	4	3	R.FTTSHPIEFTDDIIEVYRDTPELVSFLHLPVQSGSDR.I	41
PLOG-1141	proteomics_log	693597	693668	-	4	7	R.GEEVSRPSDDILFEIAQLAAQGV.R.E	28
PLOG-1142	proteomics_log	693984	694016	-	4	3	K.AQEKVFHQLGR.W	15
PLOG-1143	proteomics_log	696739	696768	-	5	33	R.AVGVHQSAKY.-	14
PLOG-1144	proteomics_log	696922	696954	-	5	3	R.FRFPYNTPTSK.E	15
PLOG-1145	proteomics_log	697555	697620	-	5	2	R.SEAWWPQLHSFAVGLPGSPDLK.A	26

PLOG-1146	proteomics_log	697654	697737	-	5	6	K.SHLMSDVPYGVLLSGGLDSSIIISAITKK.Y	32
PLOG-1147	proteomics_log	697987	698070	-	5	2	K.GPEFLDDLQGMFAFALYDSEKDAYLIGR.D	32
PLOG-1148	proteomics_log	698197	698250	-	5	2	R.LSIVDVNAGAQPPLYNQK.T	22
PLOG-1149	proteomics_log	698251	698313	-	5	23	R.HRGPDWSGIYASDNAILAHER.L	25
PLOG-1150	proteomics_log	698857	698937	-	5	4	R.TDILAGFQAGLETILVLSGVSSLDDID.S	31
PLOG-1151	proteomics_log	699100	699132	-	5	4	R.FIATNPPTHGR.G	15
PLOG-1152	proteomics_log	699190	699246	-	5	11	K.AGFTITDVNPDFVIVGETR.S	23
PLOG-1153	proteomics_log	699310	699384	-	5	3	R.FATAGVDVPDSVFYTSAMATADFLR.R	29
PLOG-1154	proteomics_log	699600	699641	-	4	3	R.AMLNGILLQHLLN.-	18
PLOG-1155	proteomics_log	700392	700457	-	4	2	R.TQQTLEHALLNAIAQFIDSYQR.K	26
PLOG-1156	proteomics_log	700596	700628	-	4	4	K.EVDQQASTGGR.R	15
PLOG-1157	proteomics_log	700665	700712	-	4	4	R.IQIAEQSQLAPASVTK.I	20
PLOG-1158	proteomics_log	700713	700742	-	4	5	R.LIDQYGPISR.I	14
PLOG-1159	proteomics_log	700829	700861	-	6	7	K.TIVNGNEVVTQ.-	15
PLOG-1160	proteomics_log	701888	701950	-	6	52	R.IFTGHEFLDDHAVVIADGLIK.S	25
PLOG-1161	proteomics_log	701951	701974	-	6	2	R.MYALTQGR.I	12
PLOG-1162	proteomics_log	702037	702075	-	5	60	R.YFNELEAENIKGL.-	17
PLOG-1163	proteomics_log	702037	702084	-	5	2	K.TLRYFNELEAENIKGL.-	20
PLOG-1164	proteomics_log	702043	702075	-	5	13	R.YFNELEAENIK.G	15
PLOG-1165	proteomics_log	702211	702285	-	5	14	K.YALTVGVGTLDDAEVVMILVLGSQK.A	29
PLOG-1166	proteomics_log	702211	702318	-	5	5	R.FFDNDVNQVPKYALTVGVGTLDDAEVVMILVLGSQK.A	40
PLOG-1167	proteomics_log	702286	702318	-	5	3	R.FFDNDVNQVPK.Y	15
PLOG-1168	proteomics_log	702334	702360	-	5	80	R.IKTLTHDTR.V	13
PLOG-1169	proteomics_log	702367	702444	-	5	44	K.IHLFMGGVGNDBGHIAFNEPASSLASR.T	30
PLOG-1170	proteomics_log	702367	702456	-	5	3	R.SYGKIHLM*GGVGNDBGHIAFNEPASSLASR.T	35
PLOG-1171	proteomics_log	702367	702456	-	5	8	R.SYGKIHLMGGVGNDBGHIAFNEPASSLASR.T	34
PLOG-1172	proteomics_log	702562	702642	-	5	3	K.HVVTFNM*DEYVGLPKEHPESYYSFM*HR.N	33
PLOG-1173	proteomics_log	702685	702765	-	5	2	R.INAFKPTADRPFVLGLPTGGTPM*TTYK.A	32
PLOG-1174	proteomics_log	702685	702765	-	5	8	R.INAFKPTADRPFVLGLPTGGTPMTTYK.A	31
PLOG-1175	proteomics_log	702781	702828	-	5	9	R.LIPLTTAEQVGKWAAR.H	20
PLOG-1176	proteomics_log	702781	702834	-	5	80	I.MRLIPLTTAEQVGKWAAR.H	22
PLOG-1177	proteomics_log	702793	702828	-	5	4	R.LIPLTTAEQVGK.W	16
PLOG-1178	proteomics_log	702793	702834	-	5	15	I.MRLIPLTTAEQVGK.W	18
PLOG-1179	proteomics_log	706091	706117	-	6	2	S.RCIPDSGAR.T	13
PLOG-1180	proteomics_log	709540	709575	-	5	25	K.VIEFSDDSIEAR.Q	16
PLOG-1181	proteomics_log	709660	709698	-	5	168	R.VLNQFDDAGIVTR.H	17
PLOG-1182	proteomics_log	709660	709743	-	5	10	R.LIDM*GEEIGLATVYRVLNQFDDAGIVTR.H	33
PLOG-1183	proteomics_log	709660	709743	-	5	80	R.LIDMGEEIGLATVYRVLNQFDDAGIVTR.H	32
PLOG-1184	proteomics_log	709660	709746	-	5	3	K.RLIDMGEEIGLATVYRVLNQFDDAGIVTR.H	33
PLOG-1185	proteomics_log	709699	709743	-	5	2	R.LIDM*GEEIGLATVYR.V	20
PLOG-1186	proteomics_log	709699	709743	-	5	29	R.LIDMGEEIGLATVYR.V	19
PLOG-1187	proteomics_log	709699	709746	-	5	2	K.RLIDMGEEIGLATVYR.V	20
PLOG-1188	proteomics_log	709744	709806	-	5	54	K.ILEVLPQPDNHHVSAEDLYKR.L	25
PLOG-1189	proteomics_log	709744	709812	-	5	33	R.LKILEVLQEPDNHHVSAEDLYKR.L	27
PLOG-1190	proteomics_log	709747	709812	-	5	21	R.LKILEVLQEPDNHHVSAEDLYK.R	26
PLOG-1191	proteomics_log	709813	709842	-	5	43	K.KAGLKVTLPR.L	14

PLOG-1192	proteomics_log	709813	709866	-	5	2	M.TDNNTALKKAGLKVTLPR.L	22
PLOG-1193	proteomics_log	709813	709866	-	5	2	M.TDNNTALKKAGLKVTLPR.L	22
PLOG-1194	proteomics_log	709840	709866	-	5	5	M.TDNNTALKK.A	13
PLOG-1195	proteomics_log	709840	709866	-	5	5	M.TDNNTALKK.A	13
PLOG-1196	proteomics_log	710161	710202	-	5	16	K.QISEELHLDEILNA.-	18
PLOG-1197	proteomics_log	710221	710295	-	5	12	K.GLADDDHFVGLAIDEDRQPELTAER.V	29
PLOG-1198	proteomics_log	710296	710352	-	5	7	R.GATIVGHWPTAGYHFEASK.G	23
PLOG-1199	proteomics_log	710575	710616	-	5	12	K.QLGKDVADVHDIK.S	18
PLOG-1200	proteomics_log	710575	710628	-	5	12	K.MIQKQLGKDVADVHDIK.S	22
PLOG-1201	proteomics_log	710629	710685	-	5	69	M.AITGIFFGSDTGNTENIAK.M	23
PLOG-1202	proteomics_log	710846	710893	-	6	4	R.SELIEEMLMQLAALR.S	20
PLOG-1203	proteomics_log	711288	711350	-	4	5	R.AHVIAGAGHWVHAEKPDVLR.A	25
PLOG-1204	proteomics_log	711660	711746	-	4	3	K.AVMALTALASDRIDKLVAIDIAPVDYHVR.R	33
PLOG-1205	proteomics_log	711873	711914	-	4	2	R.DLVNDHNIIQVDMR.N	18
PLOG-1206	proteomics_log	711915	712007	-	4	87	R.AQTAQNQHNNSPIVLVHGLFGSLDNLGLVAR.D	35
PLOG-1207	proteomics_log	713361	713438	-	4	4	Y.QRYRPDLPRTAAPDPAALSHDRMPSLR.R	30
PLOG-1208	proteomics_log	714652	714756	-	5	2	L.SLGVSNSQSPANDDCSGWAHAVSSNVAVISDTM*TTR.L	40
PLOG-1209	proteomics_log	731431	731481	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-1210	proteomics_log	731431	731481	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-1211	proteomics_log	731431	731481	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-1212	proteomics_log	731653	731739	-	5	4	R.VVHQPVLTVMVMPVGVGALIIRADNPPFRDEV.G	33
PLOG-1213	proteomics_log	731653	731739	-	5	4	R.VVHQPVLTVMVMPVGVGALIIRADNPPFRDEV.G	33
PLOG-1214	proteomics_log	733524	733610	-	4	4	R.VVHQPVLTVMVMPVGVGALIIRADNPPFRDEV.G	33
PLOG-1215	proteomics_log	733524	733610	-	4	4	R.VVHQPVLTVMVMPVGVGALIIRADNPPFRDEV.G	33
PLOG-1216	proteomics_log	734453	734563	-	6	4	K.TLGALLAWSIGYGLNCFAMSGNLLGSGVGLLGLAP.Y	41
PLOG-1217	proteomics_log	752411	752434	-	6	6	R.DFKSDIKR.-	12
PLOG-1218	proteomics_log	752411	752437	-	6	34	K.RDFKSDIKR.-	13
PLOG-1219	proteomics_log	752411	752461	-	6	13	R.QLYTGYEKRFKSDIKR.-	21
PLOG-1220	proteomics_log	752477	752527	-	6	17	R.TVGWIAHWSEMHSDBGMK.I	21
PLOG-1221	proteomics_log	752528	752578	-	6	57	K.AMGIPSSMFTVIFAMAR.T	21
PLOG-1222	proteomics_log	752528	752620	-	6	9	K.LYPNVDFYSGIILKAMGIPSSMFTVIFAMAR.T	35
PLOG-1223	proteomics_log	752528	752623	-	6	11	K.KLYPNVDFYSGIILKAMGIPSSMFTVIFAMAR.T	36
PLOG-1224	proteomics_log	752579	752620	-	6	17	K.LYPNVDFYSGIILK.A	18
PLOG-1225	proteomics_log	752579	752623	-	6	13	K.KLYPNVDFYSGIILK.A	19
PLOG-1226	proteomics_log	752621	752692	-	6	3	K.DDLLEVAMELENIALNDPYFIEKK.L	28
PLOG-1227	proteomics_log	752621	752707	-	6	25	K.ELGTKDDLLEVAMELENIALNDPYFIEKK.L	33
PLOG-1228	proteomics_log	752624	752707	-	6	21	K.ELGTKDDLLEVAMELENIALNDPYFIEK.K	32
PLOG-1229	proteomics_log	752792	752818	-	6	41	R.AKDKNDSFR.L	13
PLOG-1230	proteomics_log	752792	752821	-	6	8	R.RAKDKNDSFR.L	14
PLOG-1231	proteomics_log	752819	752869	-	6	16	K.MLEEISSVKHIPEFVRR.A	21
PLOG-1232	proteomics_log	752822	752869	-	6	8	K.MLEEISSVKHIPEFVR.R	20
PLOG-1233	proteomics_log	752843	752869	-	6	29	K.MLEEISSVK.H	13
PLOG-1234	proteomics_log	752972	753025	-	6	238	R.IILIHADHEQNASTSTVR.T	22
PLOG-1235	proteomics_log	752972	753037	-	6	27	R.AMDRILILHADHEQNASTSTVR.T	26
PLOG-1236	proteomics_log	752972	753049	-	6	44	P.ILERAM*DRILILHADHEQNASTSTVR.T	31
PLOG-1237	proteomics_log	753125	753157	-	6	22	K.YSIGQPFVYPR.N	15

PLOG-1238	proteomics_log	753332	753361	-	6	24	R.HTMIHEQITR.L	14
PLOG-1239	proteomics_log	753482	753523	-	6	45	K.ITFIDGDEGILLHR.G	18
PLOG-1240	proteomics_log	753578	753670	-	6	12	K.LTLNGDTAVELDVLKGTLGQDVIDIRTLGSK.G	35
PLOG-1241	proteomics_log	753578	753676	-	6	2	K.AKLTNGDTAVELDVLKGTLGQDVIDIRTLGSK.G	37
PLOG-1242	proteomics_log	753593	753625	-	6	33	K.GTLGQDVIDIR.T	15
PLOG-1243	proteomics_log	753593	753646	-	6	2	A.VELDVLKGTLGQDVIDIR.T	22
PLOG-1244	proteomics_log	753593	753670	-	6	189	K.LTLNGDTAVELDVLKGTLGQDVIDIR.T	30
PLOG-1245	proteomics_log	753593	753676	-	6	164	K.AKLTNGDTAVELDVLKGTLGQDVIDIR.T	32
PLOG-1246	proteomics_log	753593	753688	-	6	118	M.ADTKAKLTNGDTAVELDVLKGTLGQDVIDIR.T	36
PLOG-1247	proteomics_log	763229	763276	-	6	2	R.TTTGTLTPTSATAPM*I.P	21
PLOG-1248	proteomics_log	769243	769302	-	5	2	V.M*AKVFFSSPMTSNRNPSLK.T	25
PLOG-1249	proteomics_log	784163	784222	-	6	4	K.VQTGDGINNDVDTKTDGTTQ.-	24
PLOG-1250	proteomics_log	784163	784225	-	6	24	K.KVQTGDGINNDVDTKTDGTTQ.-	25
PLOG-1251	proteomics_log	784181	784225	-	6	3	K.KVQTGDGINNDVDTK.T	19
PLOG-1252	proteomics_log	784391	784468	-	6	6	A.ADSGAQTNNGQANAADAGQVAPDAR.E	30
PLOG-1253	proteomics_log	786069	786101	-	4	49	K.AAAVANQGKAK.-	15
PLOG-1254	proteomics_log	786069	786137	-	4	51	R.YYLGNADEIAAKAAAVANQGKAK.-	27
PLOG-1255	proteomics_log	786075	786101	-	4	2	K.AAAVANQGK.A	13
PLOG-1256	proteomics_log	786075	786137	-	4	82	R.YYLGNADEIAAKAAAVANQGK.A	25
PLOG-1257	proteomics_log	786102	786137	-	4	342	R.YYLGNADEIAAK.A	16
PLOG-1258	proteomics_log	786138	786194	-	4	13	I.PTGVPLVYEFDENFKPLKR.Y	23
PLOG-1259	proteomics_log	786138	786239	-	4	89	K.YLDNM*SEEEIELNIPTGVPLVYEFDENFKPLKR.Y	39
PLOG-1260	proteomics_log	786138	786239	-	4	375	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.Y	38
PLOG-1261	proteomics_log	786138	786251	-	4	11	R.ALVKYLDNM*SEEEIELNIPTGVPLVYEFDENFKPLKR.Y	43
PLOG-1262	proteomics_log	786138	786251	-	4	56	R.ALVKYLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.Y	42
PLOG-1263	proteomics_log	786141	786239	-	4	3	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.R	37
PLOG-1264	proteomics_log	786240	786284	-	4	6	R.VIAAHGNSLRALVK.Y	19
PLOG-1265	proteomics_log	786240	786302	-	4	2	R.MKSGERVIIAAHGNSLRALVK.Y	25
PLOG-1266	proteomics_log	786252	786275	-	4	3	I.AAHGNSLR.A	12
PLOG-1267	proteomics_log	786252	786278	-	4	10	I.IAAHGNSLR.A	13
PLOG-1268	proteomics_log	786252	786281	-	4	17	V.IAAHGNSLR.A	14
PLOG-1269	proteomics_log	786252	786284	-	4	245	R.VIAAHGNSLR.A	15
PLOG-1270	proteomics_log	786252	786296	-	4	88	K.SGERVIIAAHGNSLR.A	19
PLOG-1271	proteomics_log	786252	786302	-	4	105	R.MKSGERVIIAAHGNSLR.A	21
PLOG-1272	proteomics_log	786303	786332	-	4	17	I.PYWNETILPR.M	14
PLOG-1273	proteomics_log	786303	786338	-	4	209	R.VIPYWNETILPR.M	16
PLOG-1274	proteomics_log	786303	786380	-	4	86	K.ELPLTESLALTIDRVIPYWNETILPR.M	30
PLOG-1275	proteomics_log	786303	786392	-	4	314	K.LSEKELPLTESLALTIDRVIPYWNETILPR.M	34
PLOG-1276	proteomics_log	786303	786401	-	4	159	R.YAKLSEKELPLTESLALTIDRVIPYWNETILPR.M	37
PLOG-1277	proteomics_log	786339	786380	-	4	43	K.ELPLTESLALTIDR.V	18
PLOG-1278	proteomics_log	786339	786392	-	4	258	K.LSEKELPLTESLALTIDR.V	22
PLOG-1279	proteomics_log	786339	786401	-	4	133	R.YAKLSEKELPLTESLALTIDR.V	25
PLOG-1280	proteomics_log	786402	786467	-	4	2	R.GFAVTPPELTKDDERYPGHDPR.Y	26
PLOG-1281	proteomics_log	786435	786470	-	4	16	R.RGFAVTPPELTK.D	16
PLOG-1282	proteomics_log	786468	786548	-	4	12	R.HYGALQGLNKAETAEKYGDQVKQWRR.G	31
PLOG-1283	proteomics_log	786471	786500	-	4	33	K.YGDEQVKQWR.R	14

PLOG-1284	proteomics_log	786471	786518	-	4	48	K.AETAEKYGDEQVKQWR.R	20
PLOG-1285	proteomics_log	786471	786548	-	4	145	R.HYGALQGLNKAETAEKYGDEQVKQWR.R	30
PLOG-1286	proteomics_log	786480	786500	-	4	2	K.YGDEQVK.Q	11
PLOG-1287	proteomics_log	786480	786518	-	4	8	K.AETAEKYGDEQVK.Q	17
PLOG-1288	proteomics_log	786480	786548	-	4	44	R.HYGALQGLNKAETAEKYGDEQVK.Q	27
PLOG-1289	proteomics_log	786501	786548	-	4	86	R.HYGALQGLNKAETAEK.Y	20
PLOG-1290	proteomics_log	786519	786548	-	4	162	R.HYGALQGLNK.A	14
PLOG-1291	proteomics_log	786519	786560	-	4	3	K.LNERHYGALQGLNK.A	18
PLOG-1292	proteomics_log	786549	786569	-	4	2	K.SWKLNER.H	11
PLOG-1293	proteomics_log	786549	786632	-	4	104	R.AIHTLWNVLDELQAWLPVEKSWKLNER.H	32
PLOG-1294	proteomics_log	786549	786635	-	4	2	K.RAIHTLWNVLDELQAWLPVEKSWKLNER.H	33
PLOG-1295	proteomics_log	786561	786632	-	4	115	R.AIHTLWNVLDELQAWLPVEKSWK.L	28
PLOG-1296	proteomics_log	786561	786635	-	4	3	K.RAIHTLWNVLDELQAWLPVEKSWK.L	29
PLOG-1297	proteomics_log	786570	786614	-	4	3	W.NVLDELQAWLPVEK.S	19
PLOG-1298	proteomics_log	786570	786623	-	4	4	H.TLWNVLDELQAWLPVEK.S	22
PLOG-1299	proteomics_log	786570	786632	-	4	358	R.AIHTLWNVLDELQAWLPVEK.S	25
PLOG-1300	proteomics_log	786570	786635	-	4	138	K.RAIHTLWNVLDELQAWLPVEK.S	26
PLOG-1301	proteomics_log	786633	786680	-	4	2	K.EEGYSFDFAYTSVLKR.A	20
PLOG-1302	proteomics_log	786633	786689	-	4	372	K.LLKEEGYSFDFAYTSVLKR.A	23
PLOG-1303	proteomics_log	786633	786701	-	4	283	K.AAGKLLKEEGYSFDFAYTSVLKR.A	27
PLOG-1304	proteomics_log	786633	786719	-	4	10	K.GVSEAKAAGKLLKEEGYSFDFAYTSVLKR.A	33
PLOG-1305	proteomics_log	786636	786677	-	4	24	E.EGYSFDFAYTSVLK.R	18
PLOG-1306	proteomics_log	786636	786689	-	4	26	K.LLKEEGYSFDFAYTSVLK.R	22
PLOG-1307	proteomics_log	786636	786701	-	4	42	K.AAGKLLKEEGYSFDFAYTSVLK.R	26
PLOG-1308	proteomics_log	786690	786719	-	4	5	K.GVSEAKAAGK.L	14
PLOG-1309	proteomics_log	786702	786755	-	4	98	R.FTGWYDVDLSEKGVSEAK.A	22
PLOG-1310	proteomics_log	786702	786788	-	4	9	R.HGESQWNKENRFTGWYDVDLSEKGVSEAK.A	33
PLOG-1311	proteomics_log	786720	786755	-	4	52	R.FTGWYDVDLSEK.G	16
PLOG-1312	proteomics_log	786756	786788	-	4	212	R.HGESQWNKENR.F	15
PLOG-1313	proteomics_log	786756	786803	-	4	3	K.LVLVRHGESQWNKENR.F	20
PLOG-1314	proteomics_log	786756	786815	-	4	14	M.AVTKLVLVRHGESQWNKENR.F	24
PLOG-1315	proteomics_log	786789	786815	-	4	225	M.AVTKLVLVR.H	13
PLOG-1316	proteomics_log	787176	787241	-	4	6	K.VYTTAPALQFYSGNFLGGTPSR.G	26
PLOG-1317	proteomics_log	787192	787224	-	5	9	S.GSAILLRQLPR.R	15
PLOG-1318	proteomics_log	787302	787334	-	4	3	K.GYDHAFLLQAK.G	15
PLOG-1319	proteomics_log	787344	787382	-	4	15	K.IIASEFLADDDQR.K	17
PLOG-1320	proteomics_log	787392	787421	-	4	5	K.SVAGTSFDFR.S	14
PLOG-1321	proteomics_log	787422	787496	-	4	2	R.NHKLQILADEYLPVDEGGIPHDGLK.S	29
PLOG-1322	proteomics_log	787719	787808	-	4	2	R.YTFDGETVTLSPSQGVNQLHGGPEGFDKRR.W	34
PLOG-1323	proteomics_log	787938	787997	-	4	102	R.NNAGMVVTLMDWGATLLSAR.I	24
PLOG-1324	proteomics_log	788336	788380	-	6	7	R.TVEAASALEQGD LKR.M	19
PLOG-1325	proteomics_log	788411	788497	-	6	5	R.FFQQPALRDVTIEEFNAVAHELDPIVAKR.V	33
PLOG-1326	proteomics_log	788414	788473	-	6	5	R.DVTIEEFNAVAHELDPIVAK.R	24
PLOG-1327	proteomics_log	788414	788497	-	6	2	R.FFQQPALRDVTIEEFNAVAHELDPIVAK.R	32
PLOG-1328	proteomics_log	788555	788593	-	6	5	K.GVAVVIINSNFKR.T	17
PLOG-1329	proteomics_log	788912	789007	-	6	3	R.VMAADYENQLDEFSLDAPIVAHENYQWANYVR.G	36

PLOG-1330	proteomics_log	789251	789280	-	6	2	R.DLTAEQAAER.L	14
PLOG-1331	proteomics_log	790445	790531	-	6	123	K.LANKPGVHIYNLGGVGNVLDVVNAFSK.A	33
PLOG-1332	proteomics_log	790586	790642	-	6	3	R.DSLAIFGNDYPTEDGTGVR.D	23
PLOG-1333	proteomics_log	790751	790819	-	6	19	K.LMVEQILTDLQKAQPDWSIALLR.Y	27
PLOG-1334	proteomics_log	790751	790825	-	6	11	K.SKLMVEQILTDLQKAQPDWSIALLR.Y	29
PLOG-1335	proteomics_log	790784	790819	-	6	37	K.LMVEQILTDLQK.A	16
PLOG-1336	proteomics_log	790784	790825	-	6	7	K.SKLMVEQILTDLQK.A	18
PLOG-1337	proteomics_log	790961	791026	-	6	3	K.AVGESVQKPLEYYDNNVNGTLR.L	26
PLOG-1338	proteomics_log	791027	791098	-	6	2	R.NEALMTEILHDHAIDTVIHFAGLK.A	28
PLOG-1339	proteomics_log	791141	791167	-	6	3	K.RSVLPVIER.L	13
PLOG-1340	proteomics_log	791701	791769	-	5	3	R.ALVKHPTLLILDEPLQGLDPLNR.Q	27
PLOG-1341	proteomics_log	792976	793008	-	5	4	M.SSLQILQGTFR.L	15
PLOG-1342	proteomics_log	793508	793573	-	6	6	K.AFDVLSDDDALPLNSLLAAISR.F	26
PLOG-1343	proteomics_log	796521	796583	-	4	4	R.SLQRFVQLIDPQM*LIAQRQRG.H	26
PLOG-1344	proteomics_log	796839	796904	-	4	29	R.ANIVIGDNTTDSIAQFIYSHLI.-	26
PLOG-1345	proteomics_log	797388	797423	-	4	2	K.TVLEADPMPVIK.A	16
PLOG-1346	proteomics_log	802704	802811	-	4	2	S.FLISPVKCSSAIISLLLARNTPFSDNLIKCSRYLR.T	40
PLOG-1347	proteomics_log	805224	805259	-	4	17	R.GVGSKVVAEAKK.-	16
PLOG-1348	proteomics_log	805281	805307	-	4	7	R.NLNDTNYNR.M	13
PLOG-1349	proteomics_log	805470	805508	-	4	22	R.FNAFGDGVAQLGR.S	17
PLOG-1350	proteomics_log	805509	805586	-	4	47	R.TQQEAYVFAPATLSNIYYGFLAVNSR.F	30
PLOG-1351	proteomics_log	805713	805754	-	4	2	R.QNTFFVTNSGVQNR.L	18
PLOG-1352	proteomics_log	806016	806060	-	4	14	K.IGLSLDGGMSPADWR.H	19
PLOG-1353	proteomics_log	806848	806910	-	5	2	R.VLPQGFSGSLVAMPDGVQLQTR.T	25
PLOG-1354	proteomics_log	809481	809567	-	4	2	G.VISACSRRCSSLSLSPASTAVCCGFSPSLR.N	33
PLOG-1355	proteomics_log	815802	815858	-	4	7	R.TLADLDRVVALGGGHGLGR.V	23
PLOG-1356	proteomics_log	828200	828280	-	6	14	R.IVVTDADDALRQGMPTVQFGDEAGHE.-	31
PLOG-1357	proteomics_log	828200	828280	-	6	14	R.IVVTDADDALRQGMPTVQFGDEAGHE.-	31
PLOG-1358	proteomics_log	828707	828739	-	6	2	R.SSRDQAQATLK.S	15
PLOG-1359	proteomics_log	828740	828772	-	6	3	R.TISANDLENAR.S	15
PLOG-1360	proteomics_log	837041	837082	-	6	2	A.AEPVTASQAQNM*NK.I	19
PLOG-1361	proteomics_log	837041	837082	-	6	4	A.AEPVTASQAQNMNK.I	18
PLOG-1362	proteomics_log	837756	837827	-	4	17	R.YGESEEEILSLLNLYHNLLREWSEI.-	28
PLOG-1363	proteomics_log	837771	837827	-	4	12	R.YGESEEEILSLLNLYHNLLR.E	23
PLOG-1364	proteomics_log	837771	837833	-	4	4	K.SRYGESEEEILSLLNLYHNLLR.E	25
PLOG-1365	proteomics_log	837834	837875	-	4	3	R.AMLFELDNNIQSLK.S	18
PLOG-1366	proteomics_log	838200	838283	-	4	43	R.STLYAALQNEVLNAVQNHALFFAAALPR.T	32
PLOG-1367	proteomics_log	838308	838340	-	4	4	R.VTTGAQGAQVK.N	15
PLOG-1368	proteomics_log	838475	838504	-	6	5	R.TFLLTANM*HF.-	15
PLOG-1369	proteomics_log	838475	838504	-	6	112	R.TFLLTANMHF.-	14
PLOG-1370	proteomics_log	838625	838687	-	6	6	K.GSDGAVGTPAFTEGYWVADAK.L	25
PLOG-1371	proteomics_log	838625	838708	-	6	2	R.YIGSM*HKGSDGAVGTPAFTEGYWVADAK.L	33
PLOG-1372	proteomics_log	838625	838708	-	6	50	R.YIGSMHKGSDGAVGTPAFTEGYWVADAK.L	32
PLOG-1373	proteomics_log	838925	838984	-	6	5	R.TDIENEVEQNDDGTYSQYGK.K	24
PLOG-1374	proteomics_log	838985	839011	-	6	77	R.LLLTAALFR.T	13
PLOG-1375	proteomics_log	839012	839032	-	6	2	K.WQVLDKR.L	11

PLOG-1376	proteomics_log	839294	839353	-	6	2	R.LDNYHTEYDSATACGGSGRG.A	24
PLOG-1377	proteomics_log	839453	839548	-	6	5	R.ETQTNYGVPVTLPAVNIYHPDSSIHPPGLTR.N	36
PLOG-1378	proteomics_log	839549	839635	-	6	2	K.ILTNQTNLTSTFYTGSIHGDVSTGVFTR.E	33
PLOG-1379	proteomics_log	839636	839665	-	6	10	R.TANTKDVSNNK.I	14
PLOG-1380	proteomics_log	839666	839758	-	6	113	R.VKQDYLMTAIMGGASNITQPTSDVNSWTWSR.T	35
PLOG-1381	proteomics_log	839780	839815	-	6	22	R.FEHDINDNTTIR.N	16
PLOG-1382	proteomics_log	840011	840058	-	6	79	R.YGVAPSVAFGLGTANR.L	20
PLOG-1383	proteomics_log	840059	840097	-	6	12	K.THDAGRDKVKNER.Y	17
PLOG-1384	proteomics_log	840059	840118	-	6	2	R.LNVMGEKTHDAGRDKVKNER.Y	24
PLOG-1385	proteomics_log	840068	840097	-	6	2	K.THDAGRDKVK.N	14
PLOG-1386	proteomics_log	840098	840169	-	6	8	R.RGTLDVNQVIGDTTAVRLNVMGEK.T	28
PLOG-1387	proteomics_log	840119	840166	-	6	8	R.GTLDVNQVIGDTTAVR.L	20
PLOG-1388	proteomics_log	840119	840169	-	6	31	R.RGTLDVNQVIGDTTAVR.L	21
PLOG-1389	proteomics_log	840170	840220	-	6	80	R.NDSGIDASASIGSAWFR.R	21
PLOG-1390	proteomics_log	840170	840265	-	6	2	R.SAPTGSINMISKQPRNDSGIDASASIGSAWFR.R	36
PLOG-1391	proteomics_log	840221	840265	-	6	2	R.SAPTGSINM*ISKQPR.N	20
PLOG-1392	proteomics_log	840221	840265	-	6	56	R.SAPTGSINMISKQPR.N	19
PLOG-1393	proteomics_log	840266	840328	-	6	21	R.DTFNTEQVEVIKGPSGTDYGR.S	25
PLOG-1394	proteomics_log	840266	840349	-	6	2	R.DIGSVSRDTFNTEQVEVIKGPSGTDYGR.S	32
PLOG-1395	proteomics_log	840293	840328	-	6	2	R.DTFNTEQVEVIK.G	16
PLOG-1396	proteomics_log	840329	840391	-	6	5	R.GADTSNSIYIDGIRDIGSVSR.D	25
PLOG-1397	proteomics_log	840350	840391	-	6	2	R.GADTSNSIYIDGIR.D	18
PLOG-1398	proteomics_log	840467	840502	-	6	3	K.DQGATNLTDALK.N	16
PLOG-1399	proteomics_log	840467	840535	-	6	6	R.TMTVISEQVIKQGATNLTDALK.N	27
PLOG-1400	proteomics_log	840536	840565	-	6	47	K.FSRPVADTTR.T	14
PLOG-1401	proteomics_log	840566	840655	-	6	5	A.AEGQTNADDTLVVEASTPSLYAPQQSADPK.F	34
PLOG-1402	proteomics_log	844967	844993	-	6	4	R.LQEFLQHVS.-	13
PLOG-1403	proteomics_log	844994	845047	-	6	15	R.IAEDGNPQVLIKNPPSQR.L	22
PLOG-1404	proteomics_log	845048	845071	-	6	2	R.LIFIDKGR.I	12
PLOG-1405	proteomics_log	845084	845155	-	6	6	K.VMQDLAEEGMTMIVTHEIGFAEK.V	28
PLOG-1406	proteomics_log	845156	845218	-	6	6	K.MMLFDEPTSALDPELRHEVLK.V	25
PLOG-1407	proteomics_log	845171	845218	-	6	20	K.MMLFDEPTSALDPELR.H	20
PLOG-1408	proteomics_log	845255	845299	-	6	13	R.AHHYPSELSGGQQQR.V	19
PLOG-1409	proteomics_log	845318	845368	-	6	2	R.GANKEEAEKLARELLAK.V	21
PLOG-1410	proteomics_log	845333	845368	-	6	41	R.GANKEEAEKLAR.E	16
PLOG-1411	proteomics_log	845369	845467	-	6	2	R.LIRQEAGMVFFQFYLFPHLTALENVMFGPLRVR.G	37
PLOG-1412	proteomics_log	845375	845458	-	6	25	R.QEAGMVFFQFYLFPHLTALENVMFGPLR.V	32
PLOG-1413	proteomics_log	845375	845467	-	6	6	R.LIRQEAGMVFFQFYLFPHLTALENVMFGPLR.V	35
PLOG-1414	proteomics_log	846505	846537	-	5	4	R.ENGTYNEIYKK.W	15
PLOG-1415	proteomics_log	846505	846546	-	5	8	K.TLRENGTYNEIYKK.W	18
PLOG-1416	proteomics_log	846505	846588	-	5	4	K.GSDELRDKVNGALKTLRENGTYNEIYKK.W	32
PLOG-1417	proteomics_log	846538	846588	-	5	3	K.GSDELRDKVNGALKTLR.E	21
PLOG-1418	proteomics_log	846547	846588	-	5	30	K.GSDELRDKVNGALK.T	18
PLOG-1419	proteomics_log	846589	846639	-	5	89	K.AVGDSLEAQQYGIAPFK.G	21
PLOG-1420	proteomics_log	846589	846663	-	5	9	K.TAGNGQFKAVGDSLEAQQYGIAPFK.G	29
PLOG-1421	proteomics_log	846607	846639	-	5	2	K.AVGDSLEAQQY.G	15

PLOG-1422	proteomics_log	846640	846663	-	5	2	K.TAGNGQFK.A	12
PLOG-1423	proteomics_log	846664	846711	-	5	87	R.ADAVLHDTPNILYFIK.T	20
PLOG-1424	proteomics_log	846664	846759	-	5	3	R.QFPNIDNAYM*ELGTNRADAVLHDTPNILYFIK.T	37
PLOG-1425	proteomics_log	846664	846759	-	5	95	R.QFPNIDNAYMELGTNRADAVLHDTPNILYFIK.T	36
PLOG-1426	proteomics_log	846664	846768	-	5	5	K.DLRQFPNIDNAYMELGTNRADAVLHDTPNILYFIK.T	39
PLOG-1427	proteomics_log	846712	846759	-	5	65	R.QFPNIDNAYMELGTNR.A	20
PLOG-1428	proteomics_log	846760	846786	-	5	5	K.ANIKTKDLR.Q	13
PLOG-1429	proteomics_log	846760	846816	-	5	5	K.SGTGSVDYAKANIKTKDLR.Q	23
PLOG-1430	proteomics_log	846775	846816	-	5	8	K.SGTGSVDYAKANIK.T	18
PLOG-1431	proteomics_log	846787	846855	-	5	2	K.SVKDLDGKVVAVKSGTGSVDYAK.A	27
PLOG-1432	proteomics_log	846817	846846	-	5	16	K.DLDGKVVAVK.S	14
PLOG-1433	proteomics_log	846817	846855	-	5	49	K.SVKDLDGKVVAVK.S	17
PLOG-1434	proteomics_log	846817	846876	-	5	12	K.ANNNDVKSVKDLDGKVVAVK.S	24
PLOG-1435	proteomics_log	846847	846876	-	5	11	K.ANNNDVKSVK.D	14
PLOG-1436	proteomics_log	846877	846900	-	5	37	K.SGLLMVK.A	12
PLOG-1437	proteomics_log	846877	846930	-	5	10	K.AIDFSDGYYSGLLMVK.A	22
PLOG-1438	proteomics_log	846877	846936	-	5	2	R.KKAIDFSDGYYSGLLM*VK.A	25
PLOG-1439	proteomics_log	846901	846930	-	5	18	K.AIDFSDGYYS.S	14
PLOG-1440	proteomics_log	846901	846933	-	5	2	K.KAIDFSDGYYS.S	15
PLOG-1441	proteomics_log	846901	846936	-	5	4	R.KKAIDFSDGYYS.S	16
PLOG-1442	proteomics_log	846931	846981	-	5	23	K.NVDLALAGITITDERKK.A	21
PLOG-1443	proteomics_log	846934	846981	-	5	4	K.NVDLALAGITITDERK.K	20
PLOG-1444	proteomics_log	846937	846981	-	5	49	K.NVDLALAGITITDER.K	19
PLOG-1445	proteomics_log	846982	847041	-	5	22	K.LDYELKPMDFSGIIPALQTK.N	24
PLOG-1446	proteomics_log	846982	847050	-	5	2	K.ELKLDYELKPM*DFSGIIPALQTK.N	28
PLOG-1447	proteomics_log	846982	847050	-	5	119	K.ELKLDYELKPMDFSGIIPALQTK.N	27
PLOG-1448	proteomics_log	847105	847149	-	5	31	K.LVVATDTAFVPEFK.Q	19
PLOG-1449	proteomics_log	847105	847152	-	5	10	K.KLVVATDTAFVPEFK.Q	20
PLOG-1450	proteomics_log	847634	847675	-	6	80	R.DLDKFLWFIESNIE.-	18
PLOG-1451	proteomics_log	847634	847732	-	6	73	K.AIGEAKDDDTADILTAASRDLDKFLWFIESNIE.-	37
PLOG-1452	proteomics_log	847634	847735	-	6	38	R.KAIGEAKDDDTADILTAASRDLDKFLWFIESNIE.-	38
PLOG-1453	proteomics_log	847676	847714	-	6	12	K.DDDTADILTAASR.D	17
PLOG-1454	proteomics_log	847676	847732	-	6	12	K.AIGEAKDDDTADILTAASR.D	23
PLOG-1455	proteomics_log	847676	847735	-	6	15	R.KAIGEAKDDDTADILTAASR.D	24
PLOG-1456	proteomics_log	847676	847759	-	6	2	Y.AIVANDVRKAIGEAKDDDTADILTAASR.D	32
PLOG-1457	proteomics_log	847733	847762	-	6	8	R.YAIVANDVRK.A	14
PLOG-1458	proteomics_log	847733	847819	-	6	2	K.SYPLDIHNVQDHLKELADRYAIVANDVRK.A	33
PLOG-1459	proteomics_log	847733	847831	-	6	3	K.TPLKSYPLDIHNVQDHLKELADRYAIVANDVRK.A	37
PLOG-1460	proteomics_log	847736	847762	-	6	4	R.YAIVANDVR.K	13
PLOG-1461	proteomics_log	847736	847831	-	6	4	K.TPLKSYPLDIHNVQDHLKELADRYAIVANDVR.K	36
PLOG-1462	proteomics_log	847763	847831	-	6	6	K.TPLKSYPLDIHNVQDHLKELADR.Y	27
PLOG-1463	proteomics_log	847778	847831	-	6	7	K.TPLKSYPLDIHNVQDHLK.E	22
PLOG-1464	proteomics_log	847832	847885	-	6	35	R.AVQLGGVALGTTQVINSK.T	22
PLOG-1465	proteomics_log	847832	847924	-	6	10	R.TALIDHLDTMAERAVQLGGVALGTTQVINSK.T	35
PLOG-1466	proteomics_log	847886	847924	-	6	3	R.TALIDHLDTM*AER.A	18
PLOG-1467	proteomics_log	847886	847924	-	6	69	R.TALIDHLDTMAER.A	17

PLOG-1468	proteomics_log	847886	847969	-	6	3	R.GANFIHAVHEM*LDGFRTALIDHLDTM*AER.A	34
PLOG-1469	proteomics_log	847886	847969	-	6	4	R.GANFIHAVHEMLDGFRTALIDHLDTM*AER.A	33
PLOG-1470	proteomics_log	847886	847969	-	6	5	R.GANFIHAVHEM*LDGFRTALIDHLDTMAER.A	33
PLOG-1471	proteomics_log	847886	847969	-	6	94	R.GANFIHAVHEMLDGFRTALIDHLDTMAER.A	32
PLOG-1472	proteomics_log	847925	847969	-	6	4	R.GANFIHAVHEM*LDGFR.T	20
PLOG-1473	proteomics_log	847925	847969	-	6	127	R.GANFIHAVHEMLDGFRTALIDHLDTMAER.A	19
PLOG-1474	proteomics_log	847991	848029	-	6	139	R.QVIQFIDLTLTK.Q	17
PLOG-1475	proteomics_log	847991	848080	-	6	12	R.NDVSDSEKKATVELLNLRQVIQFIDLTLTK.Q	34
PLOG-1476	proteomics_log	848030	848053	-	6	3	K.ATVELLN.R.Q	12
PLOG-1477	proteomics_log	848030	848056	-	6	2	K.KATVELLN.R.Q	13
PLOG-1478	proteomics_log	848030	848080	-	6	10	R.NDVSDSEKKATVELLN.R.Q	21
PLOG-1479	proteomics_log	848030	848104	-	6	5	K.ATNLLYTRNDVSDSEKKATVELLN.R.Q	29
PLOG-1480	proteomics_log	848030	848110	-	6	3	K.SKATNLLYTRNDVSDSEKKATVELLN.R.Q	31
PLOG-1481	proteomics_log	848054	848080	-	6	4	R.NDVSDSEKK.A	13
PLOG-1482	proteomics_log	848054	848110	-	6	3	K.SKATNLLYTRNDVSDSEKK.A	23
PLOG-1483	proteomics_log	848081	848104	-	6	3	K.ATNLLYTR.N	12
PLOG-1484	proteomics_log	848081	848110	-	6	71	K.SKATNLLYTR.N	14
PLOG-1485	proteomics_log	848105	848131	-	6	9	M.STAKLVKSK.A	13
PLOG-1486	proteomics_log	852110	852169	-	6	8	K.VRLM*LLSM*LCDM*VNNKPQQD.K	27
PLOG-1487	proteomics_log	854074	854142	-	5	17	K.SVQTVTGPQPDVDQVVLDEAIK.NR.S	27
PLOG-1488	proteomics_log	854080	854142	-	5	9	K.SVQTVTGPQPDVDQVVLDEAIK.N	25
PLOG-1489	proteomics_log	854143	854223	-	5	69	R.YIEVHNPLSTTEAQFEGQEIVPITLTK.S	31
PLOG-1490	proteomics_log	854224	854277	-	5	43	R.VQFIDEVPKATTEPDGSR.Y	22
PLOG-1491	proteomics_log	854224	854331	-	5	2	R.LRNEDIKFLFEKVPVGTTRVQFIDEVPKATTEPDGSR.Y	40
PLOG-1492	proteomics_log	854278	854310	-	5	29	K.FLFEKVPVGTTR.V	15
PLOG-1493	proteomics_log	854278	854331	-	5	32	R.LRNEDIKFLFEKVPVGTTR.V	22
PLOG-1494	proteomics_log	854353	854400	-	5	153	R.LYAIHGTNANFGIGLR.V	20
PLOG-1495	proteomics_log	854353	854400	-	5	153	R.LYAIHGTNANFGIGLR.V	20
PLOG-1496	proteomics_log	854401	854451	-	5	70	V.PAGPDNPMGLYALYIGR.L	21
PLOG-1497	proteomics_log	854401	854481	-	5	12	R.AAGEPLPAVVPAGPDNPM*GLYALYIGR.L	32
PLOG-1498	proteomics_log	854401	854481	-	5	219	R.AAGEPLPAVVPAGPDNPMGLYALYIGR.L	31
PLOG-1499	proteomics_log	854419	854481	-	5	5	R.AAGEPLPAVVPAGPDNPM*GLY.A	26
PLOG-1500	proteomics_log	854500	854532	-	5	3	K.KAGPTWTPTAK.M	15
PLOG-1501	proteomics_log	854500	854535	-	5	5	R.KKAGPTWTPTAK.M	16
PLOG-1502	proteomics_log	854536	854622	-	5	2	K.GTNTVIVLPIGIGQLGKDTPINWTTKVER.K	33
PLOG-1503	proteomics_log	854545	854622	-	5	3	K.GTNTVIVLPIGIGQLGKDTPINWTTK.V	30
PLOG-1504	proteomics_log	854572	854622	-	5	19	K.GTNTVIVLPIGIGQLGK.D	21
PLOG-1505	proteomics_log	854641	854727	-	5	5	K.GGTVLNIPQQQLILPDTVHEGIVINSAEM*R.L	34
PLOG-1506	proteomics_log	854641	854727	-	5	194	K.GGTVLNIPQQQLILPDTVHEGIVINSAEMR.L	33
PLOG-1507	proteomics_log	858147	858206	-	4	9	R.AQLGDVQQIFNQLSDDIATR.V	24
PLOG-1508	proteomics_log	858439	858519	-	5	14	R.YATDDNNHEGALNVIQAVLDNTSPFNS.-	31
PLOG-1509	proteomics_log	858532	858570	-	5	3	R.YSFAMGNAENIK.Q	17
PLOG-1510	proteomics_log	859195	859239	-	5	5	K.VIVTDMGD92FLNDAK.T	19
PLOG-1511	proteomics_log	864598	864633	-	5	4	K.LSGNTASGLPAR.Q	16
PLOG-1512	proteomics_log	864763	864801	-	5	3	K.TILEELGEIAFWK.L	17
PLOG-1513	proteomics_log	865060	865122	-	5	18	R.LTTAELPVIASLGLAEVPPVIR.K	25

PLOG-1514	proteomics_log	865123	865176	-	5	3	R.RRGEDISAGAVFPAGTR.L	22
PLOG-1515	proteomics_log	865351	865395	-	5	39	R.LADIASGQPLPVAGK.S	19
PLOG-1516	proteomics_log	865396	865473	-	5	7	R.ILASDVVSPLDVPGFDNSAM*DGAVR.L	31
PLOG-1517	proteomics_log	865396	865473	-	5	48	R.ILASDVVSPLDVPGFDNSAMDGYAVR.L	30
PLOG-1518	proteomics_log	865528	865587	-	5	2	F.MEFTTGLM*SLDTALNEMLSR.V	25
PLOG-1519	proteomics_log	865528	865587	-	5	4	F.M*EFTTGLMSLDTALNEMLSR.V	25
PLOG-1520	proteomics_log	865528	865587	-	5	2	F.M*EFTTGLM*SLDTALNEMLSR.V	26
PLOG-1521	proteomics_log	865528	865587	-	5	174	F.MEFTTGLMSLDTALNEMLSR.V	24
PLOG-1522	proteomics_log	867248	867298	-	6	4	G.GMTAPSQSSLAGASRQR.V	21
PLOG-1523	proteomics_log	876278	876355	-	6	2	R.STFIVGFPGETEEDFQMLLDLFLKEAR.L	30
PLOG-1524	proteomics_log	876287	876355	-	6	4	R.STFIVGFPGETEEDFQM*LLDFLK.E	28
PLOG-1525	proteomics_log	876287	876355	-	6	48	R.STFIVGFPGETEEDFQMLLDLFLK.E	27
PLOG-1526	proteomics_log	876494	876556	-	6	11	R.LHYVYPYPHVDDVIPLMAEGK.I	25
PLOG-1527	proteomics_log	879140	879247	-	6	16	K.WFSGDEFGVGDIAIAPFIYNLFNVGLTWTTPRPNLQR.W	40
PLOG-1528	proteomics_log	879140	879253	-	6	5	K.VKWFGSDEFGVGDIAIAPFIYNLFNVGLTWTTPRPNLQR.W	42
PLOG-1529	proteomics_log	879347	879370	-	6	5	R.GILMGLVR.T	12
PLOG-1530	proteomics_log	879371	879427	-	6	4	R.AEAEKWMDWANQTLNAHR.G	23
PLOG-1531	proteomics_log	879371	879430	-	6	6	R.RAEAEKWMDWANQTLNAHR.G	24
PLOG-1532	proteomics_log	879458	879484	-	6	2	R.YLAAQYGQK.R	13
PLOG-1533	proteomics_log	879485	879601	-	6	21	R.EFGINHADFLAMNPNGLVPLLRDDESILWESNAIVR.Y	43
PLOG-1534	proteomics_log	879602	879658	-	6	49	K.VLLTLEELELPYEQILAGR.E	23
PLOG-1535	proteomics_log	879602	879661	-	6	36	K.KVLLTLEELELPYEQILAGR.E	24
PLOG-1536	proteomics_log	881325	881351	-	4	2	K.HVLVVDHSK.F	13
PLOG-1537	proteomics_log	884542	884616	-	5	2	R.AGSNNREGVLDVIDKVLKHEAPFDQ.-	29
PLOG-1538	proteomics_log	886266	886343	-	4	2	R.FGTRNVILVTMSCALIGMMILSLALW.L	30
PLOG-1539	proteomics_log	888332	888394	-	6	2	R.AYRVGPELVAVTDGKNLRELG.I	25
PLOG-1540	proteomics_log	889380	889424	-	4	2	S.GCPAARKAPFMCVAR.K	19
PLOG-1541	proteomics_log	889953	889976	-	4	4	I.MQTVIFGR.S	12
PLOG-1542	proteomics_log	899070	899141	-	4	2	K.LNNALAAIKADGTYQKISDQWFPQ.-	28
PLOG-1543	proteomics_log	899070	899156	-	4	63	K.ALLEKLNNALAAIKADGTYQKISDQWFPQ.-	33
PLOG-1544	proteomics_log	899094	899141	-	4	31	K.LNNALAAIKADGTYQK.I	20
PLOG-1545	proteomics_log	899094	899156	-	4	166	K.ALLEKLNNALAAIKADGTYQK.I	25
PLOG-1546	proteomics_log	899115	899141	-	4	10	K.LNNALAAIK.A	13
PLOG-1547	proteomics_log	899115	899156	-	4	83	K.ALLEKLNNALAAIK.A	18
PLOG-1548	proteomics_log	899157	899216	-	4	15	K.VTDPQYFGTGLGIAVRPDNK.A	24
PLOG-1549	proteomics_log	899157	899249	-	4	29	K.TNPQLGVATEKVTDPQYFGTGLGIAVRPDNK.A	35
PLOG-1550	proteomics_log	899217	899249	-	4	41	K.TNPQLGVATEK.V	15
PLOG-1551	proteomics_log	899217	899297	-	4	16	R.IDGVFGDTAVVNEWLKTNPQLGVATEK.V	31
PLOG-1552	proteomics_log	899250	899297	-	4	85	R.IDGVFGDTAVVNEWLK.T	20
PLOG-1553	proteomics_log	899250	899306	-	4	14	K.NGRIDGVFGDTAVVNEWLK.T	23
PLOG-1554	proteomics_log	899298	899351	-	4	3	K.TVSYDSYQNAFIDLKNGR.I	22
PLOG-1555	proteomics_log	899307	899351	-	4	71	K.TVSYDSYQNAFIDLK.N	19
PLOG-1556	proteomics_log	899352	899381	-	4	127	K.YIQDQHPEVK.T	14
PLOG-1557	proteomics_log	899352	899414	-	4	13	R.IGM*ENGTTHQKYIQDQHPEVK.T	26
PLOG-1558	proteomics_log	899352	899414	-	4	73	R.IGMENGTTHQKYIQDQHPEVK.T	25
PLOG-1559	proteomics_log	899352	899417	-	4	2	K.RIGM*ENGTTHQKYIQDQHPEVK.T	27

PLOG-1560	proteomics_log	899352	899417	-	4	4	K.RIGMENGTTTHQKYIQDQHPEVK.T	26
PLOG-1561	proteomics_log	899382	899414	-	4	19	R.IGM*ENGTTHQK.Y	16
PLOG-1562	proteomics_log	899382	899414	-	4	94	R.IGMENGTTTHQK.Y	15
PLOG-1563	proteomics_log	899382	899417	-	4	19	K.RIGMENGTTTHQK.Y	16
PLOG-1564	proteomics_log	899415	899441	-	4	7	K.TFADLKGKR.I	13
PLOG-1565	proteomics_log	899415	899456	-	4	9	K.KDITYKTFADLKGKR.I	18
PLOG-1566	proteomics_log	899418	899456	-	4	5	K.KDITYKTFADLKGK.R	17
PLOG-1567	proteomics_log	899424	899456	-	4	12	K.KDITYKTFADLK.G	15
PLOG-1568	proteomics_log	899457	899510	-	4	58	K.QVSFTTPYYENSAVVIK.K	22
PLOG-1569	proteomics_log	899457	899516	-	4	142	R.SKQVSFTTPYYENSAVVIK.K	24
PLOG-1570	proteomics_log	899457	899546	-	4	12	V.ISGM*DITPERSKQVSFTTPYYENSAVVIK.K	35
PLOG-1571	proteomics_log	899517	899558	-	4	6	K.YDAVISGM*DITPER.S	19
PLOG-1572	proteomics_log	899517	899558	-	4	40	K.YDAVISGMDITPER.S	18
PLOG-1573	proteomics_log	899517	899561	-	4	9	R.KYDAVISGM*DITPER.S	20
PLOG-1574	proteomics_log	899517	899561	-	4	425	R.KYDAVISGMDITPER.S	19
PLOG-1575	proteomics_log	899517	899567	-	4	3	K.FRKYDAVISGM*DITPER.S	22
PLOG-1576	proteomics_log	899517	899567	-	4	39	K.FRKYDAVISGMDITPER.S	21
PLOG-1577	proteomics_log	899643	899732	-	4	28	K.INFGVSATYPPFESIGANNEIVGFDIDLAK.A	34
PLOG-1578	proteomics_log	899643	899741	-	4	193	A.AEKINFGVSATYPPFESIGANNEIVGFDIDLAK.A	37
PLOG-1579	proteomics_log	901483	901524	-	5	2	K.DGTYETIYNKWFQK.-	18
PLOG-1580	proteomics_log	901483	901533	-	5	45	K.VKKDGTIYETIYNKWFQK.-	21
PLOG-1581	proteomics_log	901495	901524	-	5	3	K.DGTYETIYNK.W	14
PLOG-1582	proteomics_log	901495	901533	-	5	8	K.VKKDGTIYETIYNK.W	17
PLOG-1583	proteomics_log	901534	901554	-	5	3	K.LNTALEK.V	11
PLOG-1584	proteomics_log	901534	901581	-	5	43	R.QGNTELQQLNTALEK.V	20
PLOG-1585	proteomics_log	901555	901581	-	5	7	R.QGNTELQQL.L	13
PLOG-1586	proteomics_log	901582	901629	-	5	4	K.VTDKDYFGTGLGI AVR.Q	20
PLOG-1587	proteomics_log	901582	901650	-	5	101	K.LAAVGDKVTDKDYFGTGLGI AVR.Q	27
PLOG-1588	proteomics_log	901606	901710	-	5	2	R.IDGVFGDTAVVTEWLKDNPKLAAVGDKVTDKDYFG.T	39
PLOG-1589	proteomics_log	901651	901710	-	5	4	R.IDGVFGDTAVVTEWLKDNPK.L	24
PLOG-1590	proteomics_log	901651	901731	-	5	5	K.LDLQNGRIDGVFGDTAVVTEWLKDNPK.L	31
PLOG-1591	proteomics_log	901663	901710	-	5	3	R.IDGVFGDTAVVTEWLK.D	20
PLOG-1592	proteomics_log	901732	901794	-	5	22	K.FIMDKHPEITTPYDSYQNAK.L	25
PLOG-1593	proteomics_log	901795	901827	-	5	105	K.VGVQNGTTTHQK.F	15
PLOG-1594	proteomics_log	901795	901830	-	5	59	K.KVGVQNGTTTHQK.F	16
PLOG-1595	proteomics_log	901828	901860	-	5	3	K.YTSVDQLKGGK.V	15
PLOG-1596	proteomics_log	901861	901923	-	5	26	K.QVLFTTPYYDNSALFVGQQGK.Y	25
PLOG-1597	proteomics_log	901924	901971	-	5	3	R.VEAVMAGMDITPEREK.Q	20
PLOG-1598	proteomics_log	901924	901974	-	5	3	R.RVEAVM*AGM*DITPEREK.Q	23
PLOG-1599	proteomics_log	901924	901974	-	5	3	R.RVEAVM*AGMDITPEREK.Q	22
PLOG-1600	proteomics_log	901924	901974	-	5	13	R.RVEAVMAGMDITPEREK.Q	21
PLOG-1601	proteomics_log	901930	901971	-	5	2	R.VEAVMAGMDITPER.E	18
PLOG-1602	proteomics_log	901930	901974	-	5	11	R.RVEAVMAGMDITPER.E	19
PLOG-1603	proteomics_log	902403	902495	-	4	10	R.ALM*M*EPQVLLFDEPTAALDPEITAQIVSIIR.E	37
PLOG-1604	proteomics_log	902403	902495	-	4	29	R.ALMMEPQVLLFDEPTAALDPEITAQIVSIIR.E	35
PLOG-1605	proteomics_log	902595	902630	-	4	2	R.VLGLSKDQALAR.A	16

PLOG-1606	proteomics_log	902793	902819	-	4	5	R.VLNLLEMPR.S	13
PLOG-1607	proteomics_log	903349	903402	-	5	8	R.TTLPDSAHVASASTIPNR.D	22
PLOG-1608	proteomics_log	903403	903522	-	5	4	R.SNDITALRPYLSDKLATLLSDASRDNNHRELLTNDPFSSR.T	44
PLOG-1609	proteomics_log	903451	903522	-	5	9	R.SNDITALRPYLSDKLATLLSDASR.D	28
PLOG-1610	proteomics_log	907534	907566	-	5	2	R.EQLAEVAHWR.A	15
PLOG-1611	proteomics_log	907534	907593	-	5	52	R.LVTHLDVSREQLAEVAHWR.A	24
PLOG-1612	proteomics_log	907594	907626	-	5	65	R.NVLINASPVR.L	15
PLOG-1613	proteomics_log	907633	907674	-	5	13	R.VGEENAAALGEYMK.A	18
PLOG-1614	proteomics_log	907774	907830	-	5	5	R.QSGILAAAGIYALKNNVAR.L	23
PLOG-1615	proteomics_log	907885	907926	-	5	6	K.GLGTPVGSLLVGNR.D	18
PLOG-1616	proteomics_log	908011	908040	-	5	18	R.NLALHVDGAR.I	14
PLOG-1617	proteomics_log	908080	908130	-	5	2	R.TKLLSLENTHNGKVLPR.E	21
PLOG-1618	proteomics_log	908371	908475	-	5	5	R.AM*LEAM*M*AAPVGDDVYGDPTVNALQDYAAELSGK.E	42
PLOG-1619	proteomics_log	908557	908616	-	5	4	R.AIISGRGDEVIELAKTNWLR.-	24
PLOG-1620	proteomics_log	908572	908616	-	5	2	R.AIISGRGDEVIELAK.T	19
PLOG-1621	proteomics_log	908617	908640	-	5	2	K.GFSLYMLR.A	12
PLOG-1622	proteomics_log	916535	916615	-	6	3	Q.ATESIMGCKRVSGSSISNNGRASLSSR.N	31
PLOG-1623	proteomics_log	917456	917518	-	6	2	W.ESVGVCDAERHYRLPAQIAR.K	25
PLOG-1624	proteomics_log	918080	918142	-	6	4	R.LSVEWMNELSHWPNLNVLLTR.Q	25
PLOG-1625	proteomics_log	918224	918280	-	6	15	R.TFTPSELSLFLSLAR.G	23
PLOG-1626	proteomics_log	919720	919788	-	5	9	R.GNILTGAIGAAGGLIQTAEIN.H.Q	27
PLOG-1627	proteomics_log	921643	921684	-	5	3	K.AGQSVQFDVHQPK.G	18
PLOG-1628	proteomics_log	921775	921813	-	5	2	S.MEKGTVKWFNNAK.G	17
PLOG-1629	proteomics_log	925469	925528	-	6	51	R.ILTGDKVVELTPYDLSKGR.I	24
PLOG-1630	proteomics_log	925475	925510	-	6	2	K.VTVELTPYDLSK.G	16
PLOG-1631	proteomics_log	925475	925528	-	6	303	R.ILTGDKVVELTPYDLSK.G	22
PLOG-1632	proteomics_log	925550	925597	-	6	169	R.VELENGHVTAHISGK.M	20
PLOG-1633	proteomics_log	925562	925597	-	6	3	R.VELENGHVTAH.I	16
PLOG-1634	proteomics_log	925598	925648	-	6	9	N.IEMQGTVLETLPTMFR.V	21
PLOG-1635	proteomics_log	925598	925663	-	6	2	M.AKEDNIEM*QGTVLETLPTM*FR.V	28
PLOG-1636	proteomics_log	925598	925663	-	6	2	M.AKEDNIEM*QGTVLETLPTMFR.V	27
PLOG-1637	proteomics_log	925598	925663	-	6	105	M.AKEDNIEMQGTVLETLPTMFR.V	26
PLOG-1638	proteomics_log	926853	926957	-	4	14	R.ALLHDAPLVLLDEPTEGLDATTESQILELLAEMMR.E	39
PLOG-1639	proteomics_log	929052	929096	-	4	3	K.TLAGPLNFTLPAGQR.A	19
PLOG-1640	proteomics_log	930311	930337	-	6	16	R.YLDGLADAK.-	13
PLOG-1641	proteomics_log	930392	930478	-	6	37	K.VQSGIHGNATQTSIPGVFAAGDVMDHYR.Q	33
PLOG-1642	proteomics_log	930608	930655	-	6	3	R.TLEEVTDGDM*GVTGVR.L	21
PLOG-1643	proteomics_log	930608	930655	-	6	59	R.TLEEVTDGDMGVTGVR.L	20
PLOG-1644	proteomics_log	930608	930703	-	6	8	R.LMDKVENGNIILHTNRTLEEVTDGDMGVTGVR.L	36
PLOG-1645	proteomics_log	930656	930703	-	6	5	R.LM*DKVENGNIILHTNR.T	21
PLOG-1646	proteomics_log	930656	930703	-	6	68	R.LMDKVENGNIILHTNR.T	20
PLOG-1647	proteomics_log	930656	930706	-	6	2	K.RLM*DKVENGNIILHTNR.T	22
PLOG-1648	proteomics_log	930704	930739	-	6	9	R.DGFRAEKILIKR.L	16
PLOG-1649	proteomics_log	930740	930829	-	6	113	K.VAVIGGGNTAVEEALYLSNIASEVHLIHRR.D	34
PLOG-1650	proteomics_log	930740	930838	-	6	6	R.NQKVAVIGGGNTAVEEALYLSNIASEVHLIHRR.D	37
PLOG-1651	proteomics_log	930743	930829	-	6	37	K.VAVIGGGNTAVEEALYLSNIASEVHLIHR.R	33

PLOG-1652	proteomics_log	930881	930919	-	6	55	R.YLGLPSEEFKGR.G	17
PLOG-1653	proteomics_log	931070	931153	-	6	2	K.GGQLTTTTTEVENWPGDPNDLTGPLLM*ER.M	33
PLOG-1654	proteomics_log	931070	931153	-	6	17	K.GGQLTTTTTEVENWPGDPNDLTGPLLMER.M	32
PLOG-1655	proteomics_log	931070	931192	-	6	3	R.ANLQPVLITGMEKGGQLTTTTTEVENWPGDPNDLTGPLLMER.M	45
PLOG-1656	proteomics_log	931154	931192	-	6	6	R.ANLQPVLITGM*EK.G	18
PLOG-1657	proteomics_log	931154	931192	-	6	130	R.ANLQPVLITGMEK.G	17
PLOG-1658	proteomics_log	931193	931249	-	6	321	K.LLILGSGPAGYTAAVYAAR.A	23
PLOG-1659	proteomics_log	931193	931270	-	6	5	M.GTTKHSKLLILGSGPAGYTAAVYAAR.A	30
PLOG-1660	proteomics_log	931202	931249	-	6	7	K.LLILGSGPAGYTA.VY.A	20
PLOG-1661	proteomics_log	931211	931249	-	6	5	K.LLILGSGPAGYTA.A	17
PLOG-1662	proteomics_log	931214	931249	-	6	5	K.LLILGSGPAGYT.A	16
PLOG-1663	proteomics_log	931217	931249	-	6	2	K.LLILGSGPAGY.T	15
PLOG-1664	proteomics_log	942036	942092	-	4	3	R.IFTEGFISNVMLPLWVALFK.D	23
PLOG-1665	proteomics_log	944196	944258	-	4	6	R.DWRNDIEGLATLFSNHIPDYR.N	25
PLOG-1666	proteomics_log	944562	944636	-	4	21	K.YFNLPTILTTSFETGPNGLVPELK.A	29
PLOG-1667	proteomics_log	944637	944669	-	4	3	K.NNVLALGDLAK.Y	15
PLOG-1668	proteomics_log	944637	944693	-	4	2	R.DIEPDKFKNNVLALGDLAK.Y	23
PLOG-1669	proteomics_log	944694	944759	-	4	8	R.LDKNDAVLLVDHQAGLLSLVR.D	26
PLOG-1670	proteomics_log	944694	944777	-	4	3	M.TKPYVRLDKNDAVLLVDHQAGLLSLVR.D	32
PLOG-1671	proteomics_log	949908	949967	-	4	8	R.YDPVIDELLEVTDLVMLDLK.Q	24
PLOG-1672	proteomics_log	949908	949970	-	4	22	R.RYDPVIDELLEVTDLVMLDLK.Q	25
PLOG-1673	proteomics_log	950516	950542	-	6	2	K.EQQQDVITR.T	13
PLOG-1674	proteomics_log	950516	950560	-	6	110	R.FNSLTKEQQQDVITR.T	19
PLOG-1675	proteomics_log	950516	950566	-	6	2	A.VRFNSLTKEQQQDVITR.T	21
PLOG-1676	proteomics_log	950576	950638	-	6	4	R.EMLLDAMENPEKYPQLTIRVS.G	25
PLOG-1677	proteomics_log	950582	950638	-	6	2	R.EM*LLDAM*ENPEKYPQLTIR.V	25
PLOG-1678	proteomics_log	950582	950638	-	6	6	R.EM*LLDAMENPEKYPQLTIR.V	24
PLOG-1679	proteomics_log	950582	950638	-	6	6	R.EMLLDAM*ENPEKYPQLTIR.V	24
PLOG-1680	proteomics_log	950582	950638	-	6	228	R.EMLLDAMENPEKYPQLTIR.V	23
PLOG-1681	proteomics_log	950606	950638	-	6	2	R.EMLLDAMENPE.K	15
PLOG-1682	proteomics_log	950639	950728	-	6	8	K.TNLAGLMDGYFHHEASIEGGQHNLNVNMNR.E	34
PLOG-1683	proteomics_log	950639	950731	-	6	2	R.KTNLAGLM*DGYPFHHEASIEGGQHNLNVNM*NR.E	37
PLOG-1684	proteomics_log	950729	950794	-	6	26	K.DGISYTFHSIVPNALGKDDEV.RK.T	26
PLOG-1685	proteomics_log	950732	950794	-	6	18	K.DGISYTFHSIVPNALGKDDEV.RK	25
PLOG-1686	proteomics_log	950795	950848	-	6	94	K.GAVASLTSVAKLPFAYAK.D	22
PLOG-1687	proteomics_log	950795	950857	-	6	8	R.DQKGAVASLTSVAKLPFAYAK.D	25
PLOG-1688	proteomics_log	950795	950902	-	6	2	R.AGAPFGPGANPMHGRDQKGAVASLTSVAKLPFAYAK.D	40
PLOG-1689	proteomics_log	950795	950902	-	6	2	R.AGAPFGPGANPM*HGRDQKGAVASLTSVAKLPFAYAK.D	41
PLOG-1690	proteomics_log	950816	950848	-	6	26	K.GAVASLTSVAK.L	15
PLOG-1691	proteomics_log	950816	950848	-	6	26	K.GAVASLTSVAK.L	15
PLOG-1692	proteomics_log	950849	950902	-	6	2	R.AGAPFGPGANPMHGRDQK.G	22
PLOG-1693	proteomics_log	950849	950905	-	6	65	R.RAGAPFGPGANPMHGRDQK.G	23
PLOG-1694	proteomics_log	950858	950902	-	6	16	R.AGAPFGPGANPMHGR.D	19
PLOG-1695	proteomics_log	950858	950905	-	6	2	R.RAGAPFGPGANPM*HGR.D	21
PLOG-1696	proteomics_log	950858	950905	-	6	55	R.RAGAPFGPGANPMHGR.D	20
PLOG-1697	proteomics_log	950930	950989	-	6	2	R.DAIPTQSVLTITSNVYVYGGK.T	24

PLOG-1698	proteomics_log	950930	951004	-	6	17	K.LHTYRDAIPTQSVLTITSNVVYGK.K.T	29
PLOG-1699	proteomics_log	950930	951013	-	6	7	K.IQKLHTYRDAIPTQSVLTITSNVVYGK.K.T	32
PLOG-1700	proteomics_log	950933	950989	-	6	29	R.DAIPTQSVLTITSNVVYGK.K	23
PLOG-1701	proteomics_log	950933	951004	-	6	3	K.LHTYRDAIPTQSVLTITSNVVYGK.K	28
PLOG-1702	proteomics_log	950933	951013	-	6	12	K.IQKLHTYRDAIPTQSVLTITSNVVYGK.K	31
PLOG-1703	proteomics_log	951026	951058	-	6	67	R.VDDLAVDLVER.F	15
PLOG-1704	proteomics_log	951341	951391	-	6	5	K.SEPKIGDVLNYDEVMER.M	21
PLOG-1705	proteomics_log	951392	951469	-	6	10	R.ANLAKTMLYAINGGVDEKLMQVGP.K.S	30
PLOG-1706	proteomics_log	951410	951454	-	6	41	K.TMLYAINGGVDEKLM	19
PLOG-1707	proteomics_log	951410	951469	-	6	24	R.ANLAKTMLYAINGGVDEKLM	24
PLOG-1708	proteomics_log	951416	951454	-	6	10	K.TMLYAINGGVDEK.L	17
PLOG-1709	proteomics_log	951416	951469	-	6	2	R.ANLAKTMLYAINGGVDEK.L	22
PLOG-1710	proteomics_log	951620	951709	-	6	57	R.FLNTLYTMGPSPEPNMTILWSEKPLNFK.F	34
PLOG-1711	proteomics_log	951623	951709	-	6	3	R.FLNTLYTMGPSPEPNMTILWSEKPLNFK.K	33
PLOG-1712	proteomics_log	951710	951736	-	6	28	R.TLVTKNSFR.F	13
PLOG-1713	proteomics_log	951710	951736	-	6	28	R.TLVTKNSFR.F	13
PLOG-1714	proteomics_log	951737	951817	-	6	22	R.TPEYDELFSGDPIWATESIGGMGLDGR.T	31
PLOG-1715	proteomics_log	951737	951826	-	6	3	R.FLRTPEYDELFSGDPIWATESIGGM*GLDGR.T	35
PLOG-1716	proteomics_log	951737	951826	-	6	146	R.FLRTPEYDELFSGDPIWATESIGGMGLDGR.T	34
PLOG-1717	proteomics_log	951836	951907	-	6	6	R.DLKAGKITEQEAQEMVDHLVMKLR.M	28
PLOG-1718	proteomics_log	951842	951889	-	6	11	K.ITEQEAQEMVDHLVMK.L	20
PLOG-1719	proteomics_log	951842	951898	-	6	4	K.AGKITEQEAQEMVDHLVMK.L	23
PLOG-1720	proteomics_log	951842	951907	-	6	2	R.DLKAGKITEQEAQEMVDHLVMK.L	26
PLOG-1721	proteomics_log	951908	951940	-	6	8	R.TSTFLDVYIER.D	15
PLOG-1722	proteomics_log	951941	951973	-	6	5	K.SQNGAAMSFR.T	15
PLOG-1723	proteomics_log	951974	952057	-	6	14	K.YGYDISGPATNAQEAIQWTFYGYLAAVK.S	32
PLOG-1724	proteomics_log	952058	952090	-	6	2	R.ALGQM*KEM*AAK.Y	17
PLOG-1725	proteomics_log	952058	952090	-	6	2	R.ALGQM*KEMAAK.Y	16
PLOG-1726	proteomics_log	952058	952090	-	6	13	R.ALGQMKEMAAK.Y	15
PLOG-1727	proteomics_log	952058	952120	-	6	2	R.LREEIAEQHRALGQMKEMAAK.Y	25
PLOG-1728	proteomics_log	952091	952120	-	6	177	R.LREEIAEQHR.A	14
PLOG-1729	proteomics_log	952121	952186	-	6	13	K.LAQFTSLQADLENGVNLEQTIR.L	26
PLOG-1730	proteomics_log	952121	952192	-	6	4	K.DKLAQFTSLQADLENGVNLEQTIR.L	28
PLOG-1731	proteomics_log	952121	952225	-	6	2	R.VALYGIDYLM*KDKLAQFTSLQADLENGVNLEQTIR.L	40
PLOG-1732	proteomics_log	952121	952225	-	6	114	R.VALYGIDYLMKDKLAQFTSLQADLENGVNLEQTIR.L	39
PLOG-1733	proteomics_log	952187	952225	-	6	48	R.VALYGIDYLMKDK.L	17
PLOG-1734	proteomics_log	952247	952291	-	6	4	K.SGVLTPDAYGRGR.I	19
PLOG-1735	proteomics_log	952247	952294	-	6	5	R.KSGVLTGLPDAYGRGR.I	20
PLOG-1736	proteomics_log	952253	952291	-	6	120	K.SGVLTPDAYGR.G	17
PLOG-1737	proteomics_log	952253	952294	-	6	148	R.KSGVLTGLPDAYGR.G	18
PLOG-1738	proteomics_log	952301	952348	-	6	229	K.THNQGVFDVYTPDILR.C	20
PLOG-1739	proteomics_log	952301	952351	-	6	49	R.KTHNQGVFDVYTPDILR.C	21
PLOG-1740	proteomics_log	952301	952369	-	6	120	K.IFTEYRKTHNQGVFDVYTPDILR.C	27
PLOG-1741	proteomics_log	952301	952372	-	6	18	K.IFTEYRKTHNQGVFDVYTPDILR.C	28
PLOG-1742	proteomics_log	952349	952405	-	6	4	K.AYNRELDPMIKKIFTEYR.K	23
PLOG-1743	proteomics_log	952352	952405	-	6	2	K.AYNRELDPMIKKIFTEYR.K	22

PLOG-1744	proteomics_log	952370	952405	-	6	16	K.AYNRELDPMIKK.I	16
PLOG-1745	proteomics_log	952406	952453	-	6	6	R.ALIPFGGIKMIEGSCK.A	20
PLOG-1746	proteomics_log	952454	952489	-	6	79	K.IVGLQTEAPLKR.A	16
PLOG-1747	proteomics_log	952454	952501	-	6	5	K.QLEKIVGLQTEAPLKR.A	20
PLOG-1748	proteomics_log	952454	952576	-	6	27	R.THAPVDFDTAVASTITSHDAGYINKQLEKIVGLQTEAPLKR.A	45
PLOG-1749	proteomics_log	952490	952576	-	6	98	R.THAPVDFDTAVASTITSHDAGYINKQLEK.I	33
PLOG-1750	proteomics_log	952502	952576	-	6	105	R.THAPVDFDTAVASTITSHDAGYINK.Q	29
PLOG-1751	proteomics_log	952577	952606	-	6	20	K.VMEGVKLENR.T	14
PLOG-1752	proteomics_log	952577	952681	-	6	191	K.NYTPYEGDESFLAGATEATTTLWDKVMEGVKLENR.T	39
PLOG-1753	proteomics_log	952577	952696	-	6	4	R.DFIQKNYTPYEGDESFLAGATEATTTLWDKVMEGVKLENR.T	44
PLOG-1754	proteomics_log	952607	952681	-	6	16	K.NYTPYEGDESFLAGATEATTTLWDK.V	29
PLOG-1755	proteomics_log	952682	952726	-	6	60	K.GDWQNEVNRDFIQK.N	19
PLOG-1756	proteomics_log	952682	952756	-	6	98	K.LATAWEGFTKGDWQNEVNRDFIQK.N	29
PLOG-1757	proteomics_log	952682	952774	-	6	86	M.SELNEKLATAWEGFTKGDWQNEVNRDFIQK.N	35
PLOG-1758	proteomics_log	952697	952726	-	6	8	K.GDWQNEVNR.D	14
PLOG-1759	proteomics_log	952697	952756	-	6	2	K.LATAWEGFTKGDWQNEVNR.D	24
PLOG-1760	proteomics_log	952697	952774	-	6	31	M.SELNEKLATAWEGFTKGDWQNEVNR.D	30
PLOG-1761	proteomics_log	952727	952756	-	6	80	K.LATAWEGFTK.G	14
PLOG-1762	proteomics_log	952727	952774	-	6	65	M.SELNEKLATAWEGFTK.G	20
PLOG-1763	proteomics_log	953390	953452	-	6	4	L.ILCVCGADLFTSTVLIVAK.A	25
PLOG-1764	proteomics_log	955178	955231	-	6	8	R.IIAESISLPEIPADVLAR.Y	22
PLOG-1765	proteomics_log	955619	955657	-	6	5	K.AALASALGEYFER.L	17
PLOG-1766	proteomics_log	958381	958437	-	5	2	P.GAAHPPDDQSGVLSYAAHR.S	23
PLOG-1767	proteomics_log	959659	959700	-	5	2	T.CWIYLRDRCRCPFR.H	18
PLOG-1768	proteomics_log	960107	960154	-	6	6	R.LASVSKLPTSPWVLMR.R	20
PLOG-1769	proteomics_log	960834	960890	-	4	2	R.CARSSEEASRKIFTGASGN.T	23
PLOG-1770	proteomics_log	960978	961049	-	4	3	S.M*LKVVESNTKASAAGTSGATARLR.S	29
PLOG-1771	proteomics_log	961347	961400	-	4	3	D.FQLALGVFELLSRDGGLR.F	22
PLOG-1772	proteomics_log	970540	970668	-	5	2	L.PVDVTTDKACTVAINTKM*TQEVIANGFKAFCKTITIPRNGGAR.E	48
PLOG-1773	proteomics_log	981197	981271	-	6	5	P.QSLPCLKTFNGFHQFIIVGGANGRR.R	29
PLOG-1774	proteomics_log	983811	983852	-	4	21	R.LREEFGVYAVASGR.V	18
PLOG-1775	proteomics_log	983853	983936	-	4	2	K.GANRDFSFIKQNGMFSFSGLTKEQVLR.L	32
PLOG-1776	proteomics_log	983868	983903	-	4	4	K.QNGMFSFSGLTK.E	16
PLOG-1777	proteomics_log	983904	983936	-	4	15	K.GANRDFSFIK.Q	15
PLOG-1778	proteomics_log	983937	983966	-	4	29	R.QLFVNTLQEK.G	14
PLOG-1779	proteomics_log	983937	983972	-	4	3	R.M*RQLFVNTLQEK.G	17
PLOG-1780	proteomics_log	983937	983972	-	4	52	R.MRQLFVNTLQEK.G	16
PLOG-1781	proteomics_log	983982	984020	-	4	3	R.AIWEQELTDMRQR.I	17
PLOG-1782	proteomics_log	983988	984020	-	4	2	R.AIWEQELTDM*R.Q	16
PLOG-1783	proteomics_log	983988	984020	-	4	65	R.AIWEQELTDMR.Q	15
PLOG-1784	proteomics_log	984021	984092	-	4	54	R.ANYSNPPAHGASVVATILSNDALR.A	28
PLOG-1785	proteomics_log	984021	984104	-	4	34	K.AAIRANYSNPPAHGASVVATILSNDALR.A	32
PLOG-1786	proteomics_log	984123	984155	-	4	3	T.LVAADSETVDR.A	15
PLOG-1787	proteomics_log	984171	984194	-	4	4	K.NFGLYNER.V	12
PLOG-1788	proteomics_log	984171	984221	-	4	22	E.LIVASSYSKNFGLYNER.V	21
PLOG-1789	proteomics_log	984195	984275	-	4	160	R.GLEEDAEGLRAFAAMHKELIVASSYSK.N	31

PLOG-1790	proteomics_log	984225	984275	-	4	5	R.GLEEDAEGLRFAAMHK.E	21
PLOG-1791	proteomics_log	984246	984275	-	4	11	R.GLEEDAEGLR.A	14
PLOG-1792	proteomics_log	984276	984320	-	4	44	K.GWLPLDFAYQGFAR.G	19
PLOG-1793	proteomics_log	984498	984530	-	4	40	K.SVFNSAGLEVR.E	15
PLOG-1794	proteomics_log	984498	984566	-	4	3	R.VWVSNPSWPNHKS VFNSAGLEVR.E	27
PLOG-1795	proteomics_log	984531	984566	-	4	50	R.VWVSNPSWPNHK.S	16
PLOG-1796	proteomics_log	984567	984608	-	4	9	R.VAADFLAKNTSVKR.V	18
PLOG-1797	proteomics_log	984567	984644	-	4	37	R.TAQTGGTGALRVAADFLAKNTSVKR.V	30
PLOG-1798	proteomics_log	984570	984644	-	4	2	R.TAQTGGTGALRVAADFLAKNTSVK.R	29
PLOG-1799	proteomics_log	984585	984608	-	4	9	R.VAADFLAK.N	12
PLOG-1800	proteomics_log	984585	984644	-	4	43	R.TAQTGGTGALRVAADFLAK.N	24
PLOG-1801	proteomics_log	984609	984644	-	4	91	R.TAQTGGTGALR.V	16
PLOG-1802	proteomics_log	984609	984650	-	4	85	R.ARTAQTGGTGALR.V	18
PLOG-1803	proteomics_log	984651	984677	-	4	92	K.GSALINDKR.A	13
PLOG-1804	proteomics_log	984705	984743	-	4	116	K.NYLGIDGIPEFGR.C	17
PLOG-1805	proteomics_log	984705	984779	-	4	4	K.AEQYLLENETTKNYLGIDGIPEFGR.C	29
PLOG-1806	proteomics_log	984705	984782	-	4	243	K.KAEQYLLENETTKNYLGIDGIPEFGR.C	30
PLOG-1807	proteomics_log	984744	984782	-	4	12	K.KAEQYLLENETTK.N	17
PLOG-1808	proteomics_log	984780	984869	-	4	5	R.ADERPGKINLGIGVYKDETGKTPVLTSVKK.A	34
PLOG-1809	proteomics_log	984783	984848	-	4	12	K.INLGIGVYKDETGKTPVLTSVK.K	26
PLOG-1810	proteomics_log	984783	984869	-	4	27	R.ADERPGKINLGIGVYKDETGKTPVLTSVK.K	33
PLOG-1811	proteomics_log	984849	984932	-	4	9	V.MFENITAAPADPILGLADLFRADERPGK.I	32
PLOG-1812	proteomics_log	984870	984899	-	4	3	D.PILGLADLFR.A	14
PLOG-1813	proteomics_log	984870	984920	-	4	7	N.ITAAPADPILGLADLFR.A	21
PLOG-1814	proteomics_log	984870	984929	-	4	4	M.FENITAAPADPILGLADLFR.A	24
PLOG-1815	proteomics_log	984870	984932	-	4	220	V.M*FENITAAPADPILGLADLFR.A	26
PLOG-1816	proteomics_log	984870	984932	-	4	621	V.MFENITAAPADPILGLADLFR.A	25
PLOG-1817	proteomics_log	984870	984935	-	4	5	L.VMFENITAAPADPILGLADLFR.A	26
PLOG-1818	proteomics_log	985171	985224	-	5	5	K.NMSTYVDYIINQIDSDNK.L	22
PLOG-1819	proteomics_log	985225	985302	-	5	17	K.AKDVEGIGDVDLVNYFEVGATYYFNK.N	30
PLOG-1820	proteomics_log	985225	985308	-	5	4	K.SKAKDVEGIGDVDLVNYFEVGATYYFNK.N	32
PLOG-1821	proteomics_log	985309	985380	-	5	15	K.TQDVLLVAQYQDFGLRPSIAYTK.S	28
PLOG-1822	proteomics_log	985309	985434	-	5	10	R.NATPITNKFTNTSGFANKTQDVLLVAQYQDFGLRPSIAYTK.S	46
PLOG-1823	proteomics_log	985381	985410	-	5	3	K.FTNTSGFANK.T	14
PLOG-1824	proteomics_log	985381	985434	-	5	36	R.NATPITNKFTNTSGFANK.T	22
PLOG-1825	proteomics_log	985411	985434	-	5	11	R.NATPITNK.F	12
PLOG-1826	proteomics_log	985435	985485	-	5	8	L.KYDANNIYLAANYGETR.N	21
PLOG-1827	proteomics_log	985435	985509	-	5	7	K.AEQWATGLKYDANNIYLAANYGETR.N	29
PLOG-1828	proteomics_log	985435	985512	-	5	16	K.KAEQWATGLKYDANNIYLAANYGETR.N	30
PLOG-1829	proteomics_log	985510	985551	-	5	4	R.TNLQEAQPLGNGKK.A	18
PLOG-1830	proteomics_log	985513	985551	-	5	18	R.TNLQEAQPLGNGK.K	17
PLOG-1831	proteomics_log	985636	985713	-	5	2	S.NFFGLVDGLNFAVQYLGKNERDTARR.S	30
PLOG-1832	proteomics_log	985636	985719	-	5	17	R.NSNFFGLVDGLNFAVQYLGKNERDTARR.S	32
PLOG-1833	proteomics_log	985639	985719	-	5	118	R.NSNFFGLVDGLNFAVQYLGKNERDTAR.R	31
PLOG-1834	proteomics_log	985651	985719	-	5	63	R.NSNFFGLVDGLNFAVQYLGKNER.D	27
PLOG-1835	proteomics_log	985651	985743	-	5	8	R.VGGVATYRNSNFFGLVDGLNFAVQYLGKNER.D	35

PLOG-1836	proteomics_log	985660	985719	-	5	127	R.NSNFFGLVDGLNFAVQYLK.N	24
PLOG-1837	proteomics_log	985678	985719	-	5	2	R.NSNFFGLVDGLNFA.V	18
PLOG-1838	proteomics_log	985720	985743	-	5	75	R.VGGVATYR.N	12
PLOG-1839	proteomics_log	985744	985839	-	5	8	R.NYGVVYDALGYTDM*LPEFGGDTAYSDDFFVGR.V	37
PLOG-1840	proteomics_log	985744	985839	-	5	43	R.NYGVVYDALGYTDMLEPFGGDTAYSDDFFVGR.V	36
PLOG-1841	proteomics_log	985744	985872	-	5	21	K.YADVGSFDYGRNYGVVYDALGYTDMLEPFGGDTAYSDDFFVGR.V	47
PLOG-1842	proteomics_log	985840	985872	-	5	47	K.YADVGSFDYGR.N	15
PLOG-1843	proteomics_log	985840	985893	-	5	18	R.LAFAGLKYADVGSFDYGR.N	22
PLOG-1844	proteomics_log	986014	986064	-	5	5	K.GNGENSYGGNGDM*TYAR.L	22
PLOG-1845	proteomics_log	986014	986064	-	5	94	K.GNGENSYGGNGDMTYAR.L	21
PLOG-1846	proteomics_log	986014	986076	-	5	2	H.YFSKNGENSYGGNGDMTYAR.L	25
PLOG-1847	proteomics_log	986014	986091	-	5	6	K.AVGLHYFSKNGENSYGGNGDM*TYAR.L	31
PLOG-1848	proteomics_log	986014	986091	-	5	133	K.AVGLHYFSKNGENSYGGNGDMTYAR.L	30
PLOG-1849	proteomics_log	986014	986139	-	5	2	A.AEIYNKDGKVDLYGKAVGLHYFSKNGENSYGGNGDM*TYAR.L	47
PLOG-1850	proteomics_log	986065	986091	-	5	117	K.AVGLHYFSK.G	13
PLOG-1851	proteomics_log	986065	986139	-	5	24	A.AEIYNKDGKVDLYGKAVGLHYFSK.G	29
PLOG-1852	proteomics_log	986092	986139	-	5	274	A.AEIYNKDGKVDLYGK.A	20
PLOG-1853	proteomics_log	986092	986193	-	5	5	R.NILAVIVPALLVAGTANA AEIYNKDGKVDLYGK.A	38
PLOG-1854	proteomics_log	986110	986139	-	5	20	A.AEIYNKDGK.L	14
PLOG-1855	proteomics_log	986110	986139	-	5	20	A.AEIYNKDGK.L	14
PLOG-1856	proteomics_log	986823	986888	-	4	117	R.LIAYVTGVQNV RDVIPFRTPR.N	26
PLOG-1857	proteomics_log	986832	986888	-	4	73	R.LIAYVTGVQNV RDVIPFPR.T	23
PLOG-1858	proteomics_log	986853	986888	-	4	13	R.LIAYVTGVQNV.R.D	16
PLOG-1859	proteomics_log	986889	986933	-	4	93	R.YGTVPHSGFGLGFER.L	19
PLOG-1860	proteomics_log	986889	986936	-	4	5	R.RYGTVP HSGFGLGFER.L	20
PLOG-1861	proteomics_log	986946	986990	-	4	23	R.MLEMGLNKEDYWWYR.D	19
PLOG-1862	proteomics_log	987012	987101	-	4	14	R.LNEDGKTVAAMDVLAPGIGE IIGGSQREER.L	34
PLOG-1863	proteomics_log	987021	987083	-	4	12	K.TVAAMDVLAPGIGE IIGGSQR.E	25
PLOG-1864	proteomics_log	987021	987101	-	4	3	R.LNEDGKTVAAMDVLAPGIGE IIGGSQR.E	31
PLOG-1865	proteomics_log	987117	987179	-	4	12	R.YLAEHF KAPVVVKNYPKDIK.A	25
PLOG-1866	proteomics_log	987138	987179	-	4	4	R.YLAEHF KAPVVVK.N	18
PLOG-1867	proteomics_log	987180	987233	-	4	47	R.KFENPVYWGVDLSSEHER.Y	22
PLOG-1868	proteomics_log	987312	987335	-	4	2	R.VDKDAVSR.L	12
PLOG-1869	proteomics_log	987384	987482	-	4	2	R.HLAEFWMLEPEVAFANLNDIAGLAEAMLYVFK.A	37
PLOG-1870	proteomics_log	987396	987482	-	4	2	R.HLAEFWM*LEPEVAFANLNDIAGLAEAM*LK.Y	35
PLOG-1871	proteomics_log	987396	987482	-	4	11	R.HLAEFWM*LEPEVAFANLNDIAGLAEAMLK.Y	34
PLOG-1872	proteomics_log	987396	987482	-	4	83	R.HLAEFWMLEPEVAFANLNDIAGLAEAMLK.Y	33
PLOG-1873	proteomics_log	987642	987674	-	4	9	R.VSTLDLENLPR.N	15
PLOG-1874	proteomics_log	987759	987785	-	4	2	R.HTLAQALHR.F	13
PLOG-1875	proteomics_log	987759	987791	-	4	17	R.VRHTLAQALHR.F	15
PLOG-1876	proteomics_log	987792	987818	-	4	56	R.TNLIGAVAR.V	13
PLOG-1877	proteomics_log	988140	988169	-	4	69	R.VAVDSEVTVR.G	14
PLOG-1878	proteomics_log	988170	988205	-	4	78	M.SVVPVADVLQGR.V	16
PLOG-1879	proteomics_log	988170	988208	-	4	9	I.MSVVPVADVLQGR.V	17
PLOG-1880	proteomics_log	989175	989231	-	4	39	R.EVILWEVPLLAVISEMVHR.Y	23
PLOG-1881	proteomics_log	989175	989249	-	4	32	R.LSGPWREVILWEVPLLAVISEMVHR.Y	29

PLOG-1882	proteomics_log	989337	989384	-	4	11	R.LQDDEYQWLSALPFFK.A	20
PLOG-1883	proteomics_log	989385	989453	-	4	3	R.GDDLLGIYADAIREQVQAMQHLR.L	27
PLOG-1884	proteomics_log	1005789	1005827	-	4	5	R.VQLEGEVTPKK.S	17
PLOG-1885	proteomics_log	1006074	1006124	-	4	3	R.TAQDNGDVFQGNLIAR.N	21
PLOG-1886	proteomics_log	1006356	1006427	-	4	2	K.RHNTVPLSFADGYPYLLANEASLR.D	28
PLOG-1887	proteomics_log	1006432	1006470	-	5	2	S.AITLGGATNDPAR.E	17
PLOG-1888	proteomics_log	1006476	1006523	-	4	8	R.IAPDAINKWLSGFFSR.E	20
PLOG-1889	proteomics_log	1006677	1006721	-	4	6	R.IFMITEPDGTFITAR.Q	19
PLOG-1890	proteomics_log	1006677	1006775	-	4	92	R.GIGLTHALADVSGLAFDRIFMITEPDGTFITAR.Q	37
PLOG-1891	proteomics_log	1006722	1006775	-	4	11	R.GIGLTHALADVSGLAFDR.I	22
PLOG-1892	proteomics_log	1015048	1015110	-	5	3	R.QNQAITTLASAMASRQPPSHCD.L	25
PLOG-1893	proteomics_log	1015057	1015110	-	5	2	R.QNQAITTLASAMASRQPPS.H	22
PLOG-1894	proteomics_log	1015178	1015207	-	6	3	K.VGLFQDTSFAF-	14
PLOG-1895	proteomics_log	1015178	1015234	-	6	34	R.LIYTASDLKVLGFQDTSFAF-	23
PLOG-1896	proteomics_log	1015208	1015234	-	6	13	R.LIYTASDLK.V	13
PLOG-1897	proteomics_log	1015235	1015279	-	6	99	R.LIMGLADGEVLVDGR.L	19
PLOG-1898	proteomics_log	1015325	1015354	-	6	3	K.FTGQVLPTAK.K	14
PLOG-1899	proteomics_log	1015325	1015378	-	6	56	R.ALGVGEVKFTGQVLPTAK.K	22
PLOG-1900	proteomics_log	1015355	1015378	-	6	12	R.ALGVGEVK.F	12
PLOG-1901	proteomics_log	1015538	1015567	-	6	4	K.MTETGGNFDK.G	14
PLOG-1902	proteomics_log	1015577	1015612	-	6	12	P.QLPAPNMLMM*DR.V	17
PLOG-1903	proteomics_log	1015577	1015618	-	6	45	K.GPQLPAPNMLMMDR.V	18
PLOG-1904	proteomics_log	1015577	1015678	-	6	10	R.ESYTKEDLLASGRGELFGAKGPQLPAPNMLMMDR.V	38
PLOG-1905	proteomics_log	1015577	1015690	-	6	2	M.VDKRESYTKEDLLASGRGELFGAKGPQLPAPNM*LM*DR.V	45
PLOG-1906	proteomics_log	1015619	1015678	-	6	22	R.ESYTKEDLLASGRGELFGAK.G	24
PLOG-1907	proteomics_log	1015619	1015690	-	6	2	M.VDKRESYTKEDLLASGRGELFGAK.G	28
PLOG-1908	proteomics_log	1015640	1015678	-	6	35	R.ESYTKEDLLASGR.G	17
PLOG-1909	proteomics_log	1015640	1015690	-	6	2	M.VDKRESYTKEDLLASGR.G	21
PLOG-1910	proteomics_log	1015813	1015842	-	5	13	R.IAQASQQEGR.H	14
PLOG-1911	proteomics_log	1018239	1018262	-	4	19	K.DVVTQPQA.-	12
PLOG-1912	proteomics_log	1018239	1018271	-	4	515	K.GIKDVVTQPQA.-	15
PLOG-1913	proteomics_log	1018239	1018289	-	4	220	R.VEIEVKGIKDVVTQPQA.-	21
PLOG-1914	proteomics_log	1018239	1018292	-	4	88	R.RVEIEVKGIKDVVTQPQA.-	22
PLOG-1915	proteomics_log	1018239	1018325	-	4	9	R.AALIDCLAPDRRVEIEVKGIKDVVTQPQA.-	33
PLOG-1916	proteomics_log	1018293	1018325	-	4	7	R.AALIDCLAPDR.R	15
PLOG-1917	proteomics_log	1018326	1018382	-	4	12	R.GMGESNPVTGNTCDNVKQR.A	23
PLOG-1918	proteomics_log	1018326	1018412	-	4	3	K.GIPADKISARGMGESNPVTGNTCDNVKQR.A	33
PLOG-1919	proteomics_log	1018332	1018382	-	4	11	R.GMGESNPVTGNTCDNVK.Q	21
PLOG-1920	proteomics_log	1018347	1018382	-	4	2	R.GM*GESNPVTGNT.C	17
PLOG-1921	proteomics_log	1018383	1018406	-	4	106	I.PADKISAR.G	12
PLOG-1922	proteomics_log	1018383	1018412	-	4	90	K.GIPADKISAR.G	14
PLOG-1923	proteomics_log	1018383	1018439	-	4	30	Q.SVVDYLISKIPADKISAR.G	23
PLOG-1924	proteomics_log	1018383	1018445	-	4	159	R.AQSVVDYLISKIPADKISAR.G	25
PLOG-1925	proteomics_log	1018383	1018448	-	4	211	R.RAQSVVDYLISKIPADKISAR.G	26
PLOG-1926	proteomics_log	1018383	1018487	-	4	7	R.IGSDAYNQGLSERRAQSVVDYLISKIPADKISAR.G	39
PLOG-1927	proteomics_log	1018395	1018448	-	4	4	R.RAQSVVDYLISKIPADK.I	22

PLOG-1928	proteomics_log	1018413	1018439	-	4	40	Q.SVVDYLISK.G	13
PLOG-1929	proteomics_log	1018413	1018445	-	4	279	R.AQSVVDYLISK.G	15
PLOG-1930	proteomics_log	1018413	1018448	-	4	492	R.RAQSVVDYLISK.G	16
PLOG-1931	proteomics_log	1018446	1018487	-	4	2	R.IGSDAYNQGLSERR.A	18
PLOG-1932	proteomics_log	1018446	1018523	-	4	26	K.DGSVVVLGYTDRIGSDAYNQGLSERR.A	30
PLOG-1933	proteomics_log	1018449	1018487	-	4	297	R.IGSDAYNQGLSER.R	17
PLOG-1934	proteomics_log	1018449	1018523	-	4	129	K.DGSVVVLGYTDRIGSDAYNQGLSER.R	29
PLOG-1935	proteomics_log	1018488	1018523	-	4	209	K.DGSVVVLGYTDR.I	16
PLOG-1936	proteomics_log	1018488	1018529	-	4	2	D.PKDGSVVVLGYTDR.I	18
PLOG-1937	proteomics_log	1018488	1018589	-	4	2	T.LKPEGQAALDQLYSQLSNLDPKDGSVVVLGYTDR.I	38
PLOG-1938	proteomics_log	1018488	1018595	-	4	113	K.ATLKPEGQAALDQLYSQLSNLDPKDGSVVVLGYTDR.I	40
PLOG-1939	proteomics_log	1018488	1018622	-	4	12	K.SDVLFNFNKATLKPEGQAALDQLYSQLSNLDPKDGSVVVLGYTDR.I	49
PLOG-1940	proteomics_log	1018524	1018595	-	4	132	K.ATLKPEGQAALDQLYSQLSNLDPK.D	28
PLOG-1941	proteomics_log	1018524	1018622	-	4	40	K.SDVLFNFNKATLKPEGQAALDQLYSQLSNLDPK.D	37
PLOG-1942	proteomics_log	1018527	1018637	-	4	22	K.HFTLKSDVLFNFNKATLKPEGQAALDQLYSQLSNLDP.K	41
PLOG-1943	proteomics_log	1018530	1018622	-	4	4	K.SDVLFNFNKATLKPEGQAALDQLYSQLSNLD.P	35
PLOG-1944	proteomics_log	1018596	1018622	-	4	45	K.SDVLFNFNK.A	13
PLOG-1945	proteomics_log	1018596	1018637	-	4	202	K.HFTLKSDVLFNFNK.A	18
PLOG-1946	proteomics_log	1018623	1018706	-	4	137	R.FGQGEAAPVVAPAPAPEVQTKHFTLK.S	32
PLOG-1947	proteomics_log	1018638	1018679	-	4	2	V.VAPAPAPAPEVQTK.H	18
PLOG-1948	proteomics_log	1018638	1018703	-	4	2	F.GQGEAAPVVAPAPAPEVQTK.H	26
PLOG-1949	proteomics_log	1018638	1018706	-	4	368	R.FGQGEAAPVVAPAPAPEVQTK.H	27
PLOG-1950	proteomics_log	1018638	1018709	-	4	3	Y.RFGQGEAAPVVAPAPAPEVQTK.H	28
PLOG-1951	proteomics_log	1018641	1018706	-	4	4	R.FGQGEAAPVVAPAPAPEVQTK.K	26
PLOG-1952	proteomics_log	1018707	1018799	-	4	9	R.LEYQWTNNIGDAHTIGTRPDNGM*LSLGVSYR.F	36
PLOG-1953	proteomics_log	1018707	1018799	-	4	234	R.LEYQWTNNIGDAHTIGTRPDNGMLSLGVSYR.F	35
PLOG-1954	proteomics_log	1018800	1018874	-	4	114	K.NHDTGVSPVFAGGVEYAITPEIATR.L	29
PLOG-1955	proteomics_log	1018800	1018892	-	4	194	K.SNVYGKNHDTGVSPVFAGGVEYAITPEIATR.L	35
PLOG-1956	proteomics_log	1018800	1018904	-	4	43	R.ADTKSNVYGKNHDTGVSPVFAGGVEYAITPEIATR.L	39
PLOG-1957	proteomics_log	1018875	1018904	-	4	125	R.ADTKSNVYGK.N	14
PLOG-1958	proteomics_log	1018875	1018925	-	4	2	R.LGGMVWRADTKSNVYGK.N	21
PLOG-1959	proteomics_log	1018893	1018925	-	4	83	R.LGGMVWRADTK.S	15
PLOG-1960	proteomics_log	1018905	1018925	-	4	2	R.LGGM*VWR.A	12
PLOG-1961	proteomics_log	1018905	1018925	-	4	76	R.LGGMVWR.A	11
PLOG-1962	proteomics_log	1018926	1018958	-	4	4	Y.PITDDLDIYTR.L	15
PLOG-1963	proteomics_log	1018926	1018961	-	4	4	G.YPITDDLDIYTR.L	16
PLOG-1964	proteomics_log	1018926	1018967	-	4	491	K.LGYPTITDDLDIYTR.L	18
PLOG-1965	proteomics_log	1018926	1018991	-	4	2	A.QGVQLTAKLGYPTITDDLDIYTR.L	26
PLOG-1966	proteomics_log	1018926	1018994	-	4	7	K.AQGVQLTAKLGYPTITDDLDIYTR.L	27
PLOG-1967	proteomics_log	1018926	1019015	-	4	2	S.VENGAYKAQGVQLTAKLGYPTITDDLDIYTR.L	34
PLOG-1968	proteomics_log	1018926	1019033	-	4	2	R.MPYKGSVENGAYKAQGVQLTAKLGYPTITDDLDIYTR.L	40
PLOG-1969	proteomics_log	1018938	1018967	-	4	5	K.LGYPTITDDL.I	14
PLOG-1970	proteomics_log	1018968	1018994	-	4	120	K.AQGVQLTAK.L	13
PLOG-1971	proteomics_log	1018968	1019006	-	4	2	N.GAYKAQGVQLTAK.L	17
PLOG-1972	proteomics_log	1018968	1019021	-	4	86	K.GSVENGAYKAQGVQLTAK.L	22
PLOG-1973	proteomics_log	1018968	1019033	-	4	44	R.M*PYKGSVENGAYKAQGVQLTAK.L	27

PLOG-1974	proteomics_log	1018968	1019033	-	4	494	R.MPYKGSVENGAYKAQGVQLTAK.L	26
PLOG-1975	proteomics_log	1018995	1019021	-	4	17	K.GSVENGAYK.A	13
PLOG-1976	proteomics_log	1018995	1019033	-	4	7	R.M*PYKGSVENGAYK.A	18
PLOG-1977	proteomics_log	1018995	1019033	-	4	158	R.MPYKGSVENGAYK.A	17
PLOG-1978	proteomics_log	1019178	1019204	-	4	2	K.DNTWYTGAK.L	13
PLOG-1979	proteomics_log	1019178	1019213	-	4	373	A.APKDNTWYTGAK.L	16
PLOG-1980	proteomics_log	1025804	1025917	-	6	3	R.LATVWNIPVATNVATADFIIQSPHFNDAVDILIPDYQR.Y	42
PLOG-1981	proteomics_log	1025930	1025992	-	6	10	K.IDVLIFFDPLNAVPHDPDK.A	25
PLOG-1982	proteomics_log	1026077	1026142	-	6	17	R.HQPLLEQHVLVYATGTTGNLISR.A	26
PLOG-1983	proteomics_log	1026577	1026651	-	5	2	R.LELLDGDATPIPVKLDILAITSTAK.T	29
PLOG-1984	proteomics_log	1027537	1027563	-	5	4	R.RGISIAGQR.S	13
PLOG-1985	proteomics_log	1027906	1027929	-	5	2	K.FGIGQQVR.H	12
PLOG-1986	proteomics_log	1028782	1028883	-	5	22	R.LIAGESDGLPGITIDRFGNFLVLQLLSAGAEYQR.A	38
PLOG-1987	proteomics_log	1028950	1029000	-	5	3	R.VWTFDPSESIDIAFFSR.R	21
PLOG-1988	proteomics_log	1029007	1029036	-	5	2	R.GAYSPASQIR.A	14
PLOG-1989	proteomics_log	1029646	1029687	-	5	2	K.AM*ANKFGEEKGNSR.Y	19
PLOG-1990	proteomics_log	1041418	1041450	-	5	2	G.RSVGTSLLVAR.F	15
PLOG-1991	proteomics_log	1041912	1041956	-	4	9	S.AIVLKISPSWRWITR.R	19
PLOG-1992	proteomics_log	1045126	1045230	-	5	5	F.YISIPFDMTIGPNRNRRAVSWTPLTRDGGQMLSR.K	39
PLOG-1993	proteomics_log	1047321	1047377	-	4	3	R.LAGADKNNVMVITPEGETV.V	23
PLOG-1994	proteomics_log	1049412	1049462	-	4	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG-1995	proteomics_log	1049412	1049462	-	4	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG-1996	proteomics_log	1049412	1049462	-	4	5	R.NNRLPEPVIRVKQPALA.R	21
PLOG-1997	proteomics_log	1061815	1061904	-	5	5	R.LRHELALDWPGIAVALTLMDDIAHLKQENR.L	34
PLOG-1998	proteomics_log	1061827	1061904	-	5	11	R.LRHELALDWPGIAVALTLMDDIAHLK.Q	30
PLOG-1999	proteomics_log	1062678	1062761	-	4	7	R.QFHHGDGQSFNAEDFDDIFSSIFGQHAR.Q	32
PLOG-2000	proteomics_log	1064131	1064214	-	5	2	L.SLNINSGKCRIFSLFKQLSMNCFLKNR.K	32
PLOG-2001	proteomics_log	1066096	1066143	-	5	4	K.TDKDSLFWGEQTIERK.N	20
PLOG-2002	proteomics_log	1066096	1066155	-	5	3	K.AFAKTDKDSLFWGEQTIERK.N	24
PLOG-2003	proteomics_log	1066099	1066143	-	5	13	K.TDKDSLFWGEQTIERK.K	19
PLOG-2004	proteomics_log	1066156	1066191	-	5	4	K.IWEEGSDEVLVK.A	16
PLOG-2005	proteomics_log	1066156	1066260	-	5	5	R.NTSPEIAEAI FEVAGYDEKMAEKI WEEGSDEVLVK.A	39
PLOG-2006	proteomics_log	1066204	1066260	-	5	48	R.NTSPEIAEAI FEVAGYDEK.M	23
PLOG-2007	proteomics_log	1066261	1066293	-	5	20	K.AHHVGEWASLR.N	15
PLOG-2008	proteomics_log	1066347	1066382	-	4	27	R.YQGEYVAGLAVK.L	16
PLOG-2009	proteomics_log	1066383	1066466	-	4	5	R.GGTPYGATTIAGGDGSRQPSQEELSIAR.Y	32
PLOG-2010	proteomics_log	1066416	1066466	-	4	14	R.GGTPYGATTIAGGDGSR.Q	21
PLOG-2011	proteomics_log	1066614	1066667	-	4	30	R.TFLDQTGGLWASGALYGK.L	22
PLOG-2012	proteomics_log	1066668	1066694	-	4	4	R.FGNMSGQMR.T	13
PLOG-2013	proteomics_log	1066668	1066781	-	4	3	K.AGGKTQTAPVATPQELADYDAIIFGTPTRFGNM*SGQM*R.T	44
PLOG-2014	proteomics_log	1066668	1066781	-	4	9	K.AGGKTQTAPVATPQELADYDAIIFGTPTRFGNMMSGQMR.T	42
PLOG-2015	proteomics_log	1066695	1066769	-	4	18	K.TQTAPVATPQELADYDAIIFGTPTR.F	29
PLOG-2016	proteomics_log	1066695	1066781	-	4	10	K.AGGKTQTAPVATPQELADYDAIIFGTPTR.F	33
PLOG-2017	proteomics_log	1066782	1066820	-	4	10	K.RVPETMPPQLFEK.A	17
PLOG-2018	proteomics_log	1066782	1066871	-	4	6	R.AVAEGASKVDGAEVVVKRPETMPPQLFEK.A	34
PLOG-2019	proteomics_log	1066818	1066847	-	4	3	K.VDGAEVVVKR.V	14

PLOG-2020	proteomics_log	1066821	1066847	-	4	11	K.VDGAEVVVK.R	13
PLOG-2021	proteomics_log	1066821	1066871	-	4	42	R.AVAEGASKVDGAEVVVK.R	21
PLOG-2022	proteomics_log	1066872	1066928	-	4	25	M.AKVLVLYSMYGHITMAR.A	23
PLOG-2023	proteomics_log	1071235	1071309	-	5	2	L.MAWCMSPVRWLLINIITCCLPMTQR.R	29
PLOG-2024	proteomics_log	1076872	1076955	-	5	2	C.WKNSVSSRNWQAGTASVLLFRLIKNAAR.W	32
PLOG-2025	proteomics_log	1089125	1089205	-	6	10	R.ISWNDVIDAGATLRWEKRPYDGDREHN.L	31
PLOG-2026	proteomics_log	1095986	1096066	-	6	2	H.FLSLPHLLKCPQRKYM*SHAIKSLCQR.N	32
PLOG-2027	proteomics_log	1095986	1096066	-	6	3	H.FLSLPHLLKCPQRKYM*SHAIKSLCQR.N	31
PLOG-2028	proteomics_log	1100584	1100613	-	5	3	R.QGLQNLNER.K	14
PLOG-2029	proteomics_log	1100937	1100993	-	4	2	K.TGQTSTIQVSLQNNSTDF.-	23
PLOG-2030	proteomics_log	1101030	1101068	-	4	2	R.MVTNDYIVDIANR.D	17
PLOG-2031	proteomics_log	1101886	1101915	-	5	5	R.IGASNNEIAR.S	14
PLOG-2032	proteomics_log	1102327	1102365	-	5	2	K.SSLQATALLQHLK.Q	17
PLOG-2033	proteomics_log	1110083	1110178	-	6	2	R.LMNGADISLRQCRFLACGDGHCNVNLSCLIHW.Q	36
PLOG-2034	proteomics_log	1110083	1110178	-	6	2	R.LMNGADISLRQCRFLACGDGHCNVNLSCLIHW.Q	36
PLOG-2035	proteomics_log	1113033	1113059	-	4	2	R.AAADEWDER.-	13
PLOG-2036	proteomics_log	1113288	1113401	-	4	4	M.TMYATLEEIDAAREEFADNPBGIDAEDANVQQFNAQK.Y	42
PLOG-2037	proteomics_log	1114444	1114470	-	5	2	K.GRKLMLLS.A	13
PLOG-2038	proteomics_log	1117127	1117192	-	6	2	K.TDLGPASQEVDLIISVEGVQQK.-	26
PLOG-2039	proteomics_log	1117244	1117282	-	6	13	K.LIGQGDDPWGGKR.A	17
PLOG-2040	proteomics_log	1117583	1117633	-	6	9	A.ADYKIDKEGQHAFVNFR.I	21
PLOG-2041	proteomics_log	1119435	1119551	-	4	13	R.SGVINLGPADSTFLANVAHSAEQWQLNVEKLDAQGIMAR.W	43
PLOG-2042	proteomics_log	1119612	1119656	-	4	15	R.HAYGEGEKYVPLVLR.A	19
PLOG-2043	proteomics_log	1120582	1120629	-	5	2	R.RIQYAFPDNEGHVSVR.Y	20
PLOG-2044	proteomics_log	1120802	1120879	-	6	21	R.EEQQVAESIALTDDTLVPFLAGETVR.W	30
PLOG-2045	proteomics_log	1121060	1121095	-	6	72	R.VFLGTDSAPHAR.H	16
PLOG-2046	proteomics_log	1121060	1121122	-	6	12	R.ELVASGFNRVFLGTDSAPHAR.H	25
PLOG-2047	proteomics_log	1121096	1121122	-	6	4	R.ELVASGFNR.V	13
PLOG-2048	proteomics_log	1121096	1121146	-	6	22	R.NIHQQALRELVASGFNR.V	21
PLOG-2049	proteomics_log	1121123	1121146	-	6	2	R.NIHQQALR.E	12
PLOG-2050	proteomics_log	1121207	1121248	-	6	73	R.LAATITPQHLMFNR.N	18
PLOG-2051	proteomics_log	1121249	1121326	-	6	36	R.LTALKVVFEHITTKDAADYVRDGNR.L	30
PLOG-2052	proteomics_log	1121264	1121284	-	6	2	K.DAADYVR.D	11
PLOG-2053	proteomics_log	1121264	1121326	-	6	60	R.LTALKVVFEHITTKDAADYVR.D	25
PLOG-2054	proteomics_log	1121285	1121311	-	6	6	K.VVFEHITTK.D	13
PLOG-2055	proteomics_log	1121285	1121326	-	6	50	R.LTALKVVFEHITTK.D	18
PLOG-2056	proteomics_log	1121327	1121362	-	6	28	R.FIESVMEPLRQR.L	16
PLOG-2057	proteomics_log	1121333	1121362	-	6	14	R.FIESVMEPLR.Q	14
PLOG-2058	proteomics_log	1121363	1121434	-	6	125	K.IGMPLLHVHGEVTHADIDIFDREAR.F	28
PLOG-2059	proteomics_log	1121363	1121443	-	6	9	R.MEKIGMPLLHVHGEVTHADIDIFDREAR.F	31
PLOG-2060	proteomics_log	1121372	1121434	-	6	32	K.IGMPLLHVHGEVTHADIDIFDR.E	25
PLOG-2061	proteomics_log	1121444	1121521	-	6	2	K.LYPANATTNSSHGVTSIDAIM*PVLER.M	31
PLOG-2062	proteomics_log	1121444	1121521	-	6	26	K.LYPANATTNSSHGVTSIDAIMPVLER.M	30
PLOG-2063	proteomics_log	1121444	1121554	-	6	8	R.GFNEGVFVTAALKYPANATTNSSHGVTSIDAIMPVLER.M	41
PLOG-2064	proteomics_log	1121522	1121554	-	6	117	R.GFNEGVFVTAAL.L	15
PLOG-2065	proteomics_log	1121555	1121644	-	6	9	R.ILDAVPAGHDFTPLMTCYLTDSLDPNELER.G	34

PLOG-2066	proteomics_log	1121651	1121713	-	6	4	R.AIVM*PNLAPPVTTVEAAVAYR.Q	26
PLOG-2067	proteomics_log	1121651	1121713	-	6	234	R.AIVMPNLAPPVTTVEAAVAYR.Q	25
PLOG-2068	proteomics_log	1121714	1121749	-	6	63	K.TVVPYTSEIYGR.A	16
PLOG-2069	proteomics_log	1121768	1121797	-	6	10	R.RPDDWHLHLR.D	14
PLOG-2070	proteomics_log	1121798	1121827	-	6	6	M.TAPSQVLKIR.R	14
PLOG-2071	proteomics_log	1122633	1122668	-	4	7	K.QTQINLLSSM*AI.-	17
PLOG-2072	proteomics_log	1122633	1122668	-	4	20	K.QTQINLLSSMAI.-	16
PLOG-2073	proteomics_log	1122669	1122698	-	4	4	R.VADYRDNMAK.Q	14
PLOG-2074	proteomics_log	1122699	1122737	-	4	24	R.NLTLVAGINWPSR.V	17
PLOG-2075	proteomics_log	1122738	1122809	-	4	7	K.LIVKPNVANGELSEDDIQLFPLLR.N	28
PLOG-2076	proteomics_log	1122738	1122821	-	4	103	R.ALDKLVKPNVANGELSEDDIQLFPLLR.N	32
PLOG-2077	proteomics_log	1122738	1122842	-	4	14	K.NISDDLRLADKLVKPNVANGELSEDDIQLFPLLR.N	39
PLOG-2078	proteomics_log	1122822	1122899	-	4	21	K.EASAGNFADLLAHS DGLIKNISDDL.R.A	30
PLOG-2079	proteomics_log	1122822	1122920	-	4	4	R.KYFVDKKEASAGNFADLLAHS DGLIKNISDDL.R.A	37
PLOG-2080	proteomics_log	1122843	1122899	-	4	7	K.EASAGNFADLLAHS DGLIK.N	23
PLOG-2081	proteomics_log	1122843	1122920	-	4	4	R.KYFVDKKEASAGNFADLLAHS DGLIK.N	30
PLOG-2082	proteomics_log	1122900	1122920	-	4	2	R.KYFVDKK.E	11
PLOG-2083	proteomics_log	1122921	1122956	-	4	39	K.SAFDEFSTPAAR.K	16
PLOG-2084	proteomics_log	1122966	1123004	-	4	2	R.KVNGYANKLLLPR.F	17
PLOG-2085	proteomics_log	1122981	1123004	-	4	11	R.KVNGYANK.L	12
PLOG-2086	proteomics_log	1123005	1123031	-	4	5	R.SPAIEEWLR.K	13
PLOG-2087	proteomics_log	1123005	1123034	-	4	3	K.RSPAIEEWLR.K	14
PLOG-2088	proteomics_log	1123032	1123106	-	4	3	R.YMPESMDIVHYVDKLDGKPLLTGKR.S	29
PLOG-2089	proteomics_log	1123155	1123211	-	4	28	K.NIPVELHVLLNDDAETPTR.M	23
PLOG-2090	proteomics_log	1123155	1123229	-	4	27	R.MIFGLKNIPVELHVLLNDDAETPTR.M	29
PLOG-2091	proteomics_log	1127817	1127837	-	4	3	P.EARNEAK.M	11
PLOG-2092	proteomics_log	1128997	1129044	-	5	2	R.LAEILDQMSAVLNDLK.T	20
PLOG-2093	proteomics_log	1129265	1129297	-	6	24	R.ETTDAPVTNSR.A	15
PLOG-2094	proteomics_log	1140408	1140476	-	4	53	K.GAAGGHTATHHASAAPARQPVE.-	27
PLOG-2095	proteomics_log	1140477	1140518	-	4	5	R.HSDWQRPTFAFEGK.G	18
PLOG-2096	proteomics_log	1140519	1140554	-	4	10	R.APAPEYVPEAPR.H	16
PLOG-2097	proteomics_log	1141305	1141400	-	4	8	R.YEQSVAAEEAVVAPVVEETVAAEPIVQEAPAPR.T	36
PLOG-2098	proteomics_log	1141434	1141505	-	4	5	K.ALNVEEQSVQETEQEERVPVQPR.R	28
PLOG-2099	proteomics_log	1141455	1141505	-	4	5	K.ALNVEEQSVQETEQEER.V	21
PLOG-2100	proteomics_log	1141563	1141589	-	4	32	R.TADEQQAPR.R	13
PLOG-2101	proteomics_log	1141563	1141595	-	4	3	K.ARTADEQQAPR.R	15
PLOG-2102	proteomics_log	1141590	1141628	-	4	42	R.ESRQQAEVTEKAR.T	17
PLOG-2103	proteomics_log	1141629	1141658	-	4	11	R.QAQQQTAETR.E	14
PLOG-2104	proteomics_log	1141629	1141661	-	4	4	R.RQAQQQTAETR.E	15
PLOG-2105	proteomics_log	1141800	1141853	-	4	2	K.ALFSGGREETKPTQPAPK.A	22
PLOG-2106	proteomics_log	1141872	1141922	-	4	177	K.AAPATPAAPAQPGLLSR.F	21
PLOG-2107	proteomics_log	1142028	1142078	-	4	9	K.LHEEAMALPSEEEFAER.K	21
PLOG-2108	proteomics_log	1142079	1142126	-	4	4	R.VRKGEETPTLSYM*LPK.L	21
PLOG-2109	proteomics_log	1142196	1142222	-	4	16	R.SAVNAIETR.Q	13
PLOG-2110	proteomics_log	1142223	1142315	-	4	101	R.LIEEEALKENTQEVHAIVPVPIASYLLNEK.R.S	35
PLOG-2111	proteomics_log	1142226	1142315	-	4	4	R.LIEEEALKENTQEVHAIVPVPIASYLLNEK.R	34

PLOG-2112	proteomics_log	1142373	1142423	-	4	5	R.QRLSPSLGESSHHVCPR.C	21
PLOG-2113	proteomics_log	1142424	1142447	-	4	53	R.FGLLEMSR.Q	12
PLOG-2114	proteomics_log	1142448	1142471	-	4	12	R.IQISHISR.F	12
PLOG-2115	proteomics_log	1142520	1142579	-	4	4	R.DLGGLIVIDFIDMTPVRHQ.R.A	24
PLOG-2116	proteomics_log	1142520	1142585	-	4	47	R.LRDLGGLIVIDFIDMTPVRHQ.R.A	26
PLOG-2117	proteomics_log	1142529	1142579	-	4	17	R.DLGGLIVIDFIDMTPVR.H	21
PLOG-2118	proteomics_log	1142529	1142585	-	4	41	R.LRDLGGLIVIDFIDMTPVR.H	23
PLOG-2119	proteomics_log	1142595	1142657	-	4	7	R.GGDIEETAFNTNLEAADEIAR.Q	25
PLOG-2120	proteomics_log	1142595	1142666	-	4	4	R.ATRGGDIEETAFNTNLEAADEIAR.Q	28
PLOG-2121	proteomics_log	1142667	1142738	-	4	3	R.LPSGGIVIDSTEALTAIDINSAR.A	28
PLOG-2122	proteomics_log	1142748	1142819	-	4	11	K.LYTGEIPLFSHYQIESQIESAFQR.E	28
PLOG-2123	proteomics_log	1142748	1142825	-	4	21	K.IKLYTGEIPLFSHYQIESQIESAFQR.E	30
PLOG-2124	proteomics_log	1142826	1142867	-	4	9	R.QHIAALGRPDFSSK.I	18
PLOG-2125	proteomics_log	1142868	1142921	-	4	2	R.QDIGEILIDNPKVLELAR.Q	22
PLOG-2126	proteomics_log	1142868	1142942	-	4	75	R.AFRDYLRQDIGEILIDNPKVLELAR.Q	29
PLOG-2127	proteomics_log	1142886	1142921	-	4	10	R.QDIGEILIDNPK.V	16
PLOG-2128	proteomics_log	1142943	1143002	-	4	26	K.AAESRPAPFLIHQESNVIVR.A	24
PLOG-2129	proteomics_log	1143030	1143065	-	4	6	K.SAEALQWDLSFR.L	16
PLOG-2130	proteomics_log	1143084	1143164	-	4	40	R.IEGDDRTELKEALASLELPEGMGLIVR.T	31
PLOG-2131	proteomics_log	1143084	1143167	-	4	3	R.RIEGDDRTELKEALASLELPEGM*GLIVR.T	33
PLOG-2132	proteomics_log	1143084	1143167	-	4	187	R.RIEGDDRTELKEALASLELPEGMGLIVR.T	32
PLOG-2133	proteomics_log	1143264	1143305	-	4	2	R.EGQEVIVQIDKEER.G	18
PLOG-2134	proteomics_log	1143366	1143398	-	4	10	R.HGFLPLKEIAR.E	15
PLOG-2135	proteomics_log	1143399	1143446	-	4	66	R.IEPSLEAAFVDYGAER.H	20
PLOG-2136	proteomics_log	1143546	1143581	-	4	69	R.MLINATQQEELR.V	16
PLOG-2137	proteomics_log	1145330	1145362	-	6	10	K.SEGFGITLFR.L	15
PLOG-2138	proteomics_log	1145399	1145434	-	6	2	R.HLSEAEIDNYVR.K	16
PLOG-2139	proteomics_log	1148177	1148269	-	6	2	H.ALNLTSCARESVRSRCHNDQANLVFLNAR.H	35
PLOG-2140	proteomics_log	1152823	1152849	-	5	2	R.ISRNGENPR.C	13
PLOG-2141	proteomics_log	1157956	1158015	-	5	2	R.RNEHEGELDRLGDTGQERGQ.R	24
PLOG-2142	proteomics_log	1160304	1160348	-	4	32	R.WNLGDALSDMALFER.V	19
PLOG-2143	proteomics_log	1160349	1160405	-	4	13	R.GFQIDNYMVDGIPTYFESR.W	23
PLOG-2144	proteomics_log	1160445	1160507	-	4	16	R.MEDQQLQLTGEVMENTLGISK.S	25
PLOG-2145	proteomics_log	1160508	1160546	-	4	2	R.DIPQSVTIVSQQR.M	17
PLOG-2146	proteomics_log	1161929	1162030	-	6	2	C.CGIVGTEGTGTGCCGSAGCSGAGFTSSTGAGSR.C	38
PLOG-2147	proteomics_log	1166776	1166850	-	5	2	I.PIPANIDLFTGTPPSLQLCQCKRR.R	29
PLOG-2148	proteomics_log	1170329	1170403	-	6	4	K.RLEAIASLEDLGAGFALATHDLEIR.G	29
PLOG-2149	proteomics_log	1181150	1181197	-	6	22	K.QVAETIGYPTPNLAAR.K	20
PLOG-2150	proteomics_log	1181198	1181233	-	6	6	K.LINFLLRPDVAK.Q	16
PLOG-2151	proteomics_log	1181198	1181254	-	6	7	K.NKEGALKLINFLLRPDVAK.Q	23
PLOG-2152	proteomics_log	1181255	1181305	-	6	6	K.EGGIFWMDSLAIPANAK.N	21
PLOG-2153	proteomics_log	1181516	1181572	-	6	7	K.GSLLLTDDAREVFQMALRK.L	23
PLOG-2154	proteomics_log	1181519	1181572	-	6	2	K.GSLLLTDDAREVFQMALRK.K	22
PLOG-2155	proteomics_log	1181573	1181614	-	6	9	K.SVTSWADLWKPEYK.G	18
PLOG-2156	proteomics_log	1183684	1183740	-	5	2	K.MAINWVESWEVVLADEEHK.-	23
PLOG-2157	proteomics_log	1184269	1184316	-	5	5	R.LLLLDESLSALDYKLR.K	20

PLOG-2158	proteomics_log	1184275	1184316	-	5	37	R.LLLLDESLSALDYK.L	18
PLOG-2159	proteomics_log	1184353	1184388	-	5	24	R.KPHQLSGGQQQR.V	16
PLOG-2160	proteomics_log	1184353	1184418	-	5	7	R.MVQLETFAQRKPHQLSGGQQQR.V	26
PLOG-2161	proteomics_log	1184599	1184634	-	5	10	R.LIAGLETVDSGR.I	16
PLOG-2162	proteomics_log	1186549	1186635	-	5	2	R.HELDIAPPEPPYQPDEIYDALKQGEVLR.L	33
PLOG-2163	proteomics_log	1186636	1186710	-	5	12	R.EMMLELINQPEHFQWGFEFISQSR.H	29
PLOG-2164	proteomics_log	1186801	1186839	-	5	31	R.ELISGFADYVLR.E	17
PLOG-2165	proteomics_log	1187308	1187385	-	5	2	R.GFNNFIDPISPDELAGLAM*ESEVDSR.L	31
PLOG-2166	proteomics_log	1187308	1187385	-	5	28	R.GFNNFIDPISPDELAGLAMESEVDSR.L	30
PLOG-2167	proteomics_log	1187419	1187463	-	5	15	N.MEYQLTLNWPDFLER.H	19
PLOG-2168	proteomics_log	1189182	1189253	-	4	32	R.ELSINDEVIKLTAFEYTIMETLIR.N	28
PLOG-2169	proteomics_log	1189182	1189256	-	4	12	R.RELSINDEVIKLTAFEYTIMETLIR.N	29
PLOG-2170	proteomics_log	1189338	1189427	-	4	44	R.ESWQDKVEVLSAGADDYVTKPFHIEEVMAR.M	34
PLOG-2171	proteomics_log	1189428	1189469	-	4	120	R.SNDVSLPILVLTAR.E	18
PLOG-2172	proteomics_log	1189428	1189475	-	4	2	R.WRSNDVSLPILVLTAR.E	20
PLOG-2173	proteomics_log	1189632	1189664	-	4	79	R.VLVVEDNALLR.H	15
PLOG-2174	proteomics_log	1189632	1189670	-	4	54	K.MRVLVVEDNALLR.H	17
PLOG-2175	proteomics_log	1189869	1189904	-	4	2	R.LKAM*TPANYIGR.A	17
PLOG-2176	proteomics_log	1189869	1189904	-	4	55	R.LKAMTPANYIGR.A	16
PLOG-2177	proteomics_log	1189905	1189949	-	4	6	K.QFIDGLALPEEEKAR.L	19
PLOG-2178	proteomics_log	1189905	1189970	-	4	45	R.VDAEGMKQFIDGLALPEEEKAR.L	26
PLOG-2179	proteomics_log	1189905	1189973	-	4	41	K.RVDAEGMKQFIDGLALPEEEKAR.L	27
PLOG-2180	proteomics_log	1189905	1189979	-	4	8	R.GKRVD AEGM*KQFIDGLALPEEEKAR.L	30
PLOG-2181	proteomics_log	1189905	1189979	-	4	52	R.GKRVD AEGM*KQFIDGLALPEEEKAR.L	29
PLOG-2182	proteomics_log	1189911	1189949	-	4	19	K.QFIDGLALPEEEK.A	17
PLOG-2183	proteomics_log	1189980	1190024	-	4	59	R.YGIEKPYEKLKELTR.G	19
PLOG-2184	proteomics_log	1189998	1190024	-	4	4	R.YGIEKPYEK.L	13
PLOG-2185	proteomics_log	1190028	1190096	-	4	3	R.DHLLDEL DHNWEVLA EPIQTVMR.R	27
PLOG-2186	proteomics_log	1190028	1190111	-	4	20	K.LEVNRDHL DDEL DHNWEVLA EPIQTVMR.R	32
PLOG-2187	proteomics_log	1190112	1190204	-	4	4	R.DLTDSTVLRNLG V GIGYAL IAYQSTLKG VSK.L	35
PLOG-2188	proteomics_log	1190124	1190177	-	4	6	R.NLGVGIGYAL IAYQSTL K.G	22
PLOG-2189	proteomics_log	1190178	1190204	-	4	12	R.DLTDSTVLR.N	13
PLOG-2190	proteomics_log	1190355	1190420	-	4	43	R.FNTILIDFDRD VWGYAL NHFK.Q	26
PLOG-2191	proteomics_log	1190640	1190702	-	4	2	R.THGQPATPSTIGKEM*ANVAYR.M	26
PLOG-2192	proteomics_log	1190664	1190702	-	4	21	R.THGQPATPSTIGK.E	17
PLOG-2193	proteomics_log	1190703	1190765	-	4	2	R.QLIDGIKDLAVQYRDIPLLSR.T	25
PLOG-2194	proteomics_log	1190724	1190765	-	4	23	R.QLIDGIKDLAVQYR.D	18
PLOG-2195	proteomics_log	1190766	1190801	-	4	3	K.TARDEVILPYWR.Q	16
PLOG-2196	proteomics_log	1190901	1190948	-	4	6	R.TTNHDV KAVEYFLKEK.V	20
PLOG-2197	proteomics_log	1190961	1191071	-	4	5	K.LAAHAAI KEVPAFAADAIGYLD AIVASFSEEDAARIK.T	41
PLOG-2198	proteomics_log	1190967	1191047	-	4	98	K.EVPAFAADAIGYLD AIVASFSEEDAAR.I	31
PLOG-2199	proteomics_log	1190967	1191071	-	4	66	K.LAAHAAI KEVPAFAADAIGYLD AIVASFSEEDAAR.I	39
PLOG-2200	proteomics_log	1190967	1191083	-	4	9	R.WLQKLAHAAI KEVPAFAADAIGYLD AIVASFSEEDAAR.I	43
PLOG-2201	proteomics_log	1191138	1191164	-	4	25	R.YGDKVSALR.G	13
PLOG-2202	proteomics_log	1191138	1191209	-	4	5	S.MELSSLTAVSPVDGRYGDKVSALR.G	28
PLOG-2203	proteomics_log	1191165	1191209	-	4	103	S.MELSSLTAVSPVDGR.Y	19

PLOG-2204	proteomics_log	1191621	1191665	-	4	7	R.VGLETLLGVLNASSR.Q	19
PLOG-2205	proteomics_log	1192082	1192153	-	6	14	R.LMSVGLIAQQLHWVDREPFTGTMR.C	28
PLOG-2206	proteomics_log	1192424	1192459	-	6	9	R.KIAEDLGLVTAK.K	16
PLOG-2207	proteomics_log	1192724	1192804	-	6	4	K.LGIELHTVNFAAEYWDNVFELFLAEYK.A	31
PLOG-2208	proteomics_log	1199244	1199282	-	4	2	K.TGSKIAIPLSLRL.N	17
PLOG-2209	proteomics_log	1202043	1202117	-	4	3	R.KLRDGVGGNSSFATM*IDREPTQTSR.F	30
PLOG-2210	proteomics_log	1221546	1221623	-	4	2	K.VVEKLNQVCAKDPQMLLITAIDDTMR.A	30
PLOG-2211	proteomics_log	1221624	1221653	-	4	2	K.IEQSPELSAK.V	14
PLOG-2212	proteomics_log	1221624	1221662	-	4	5	R.DLKIEQSPELSAK.V	17
PLOG-2213	proteomics_log	1223505	1223564	-	4	31	K.DGDISILELNVTLPAAEELK.-	24
PLOG-2214	proteomics_log	1223565	1223612	-	4	15	K.YVQIDPEMVTVQLEQK.D	20
PLOG-2215	proteomics_log	1223613	1223639	-	4	4	R.KDILEVICK.Y	13
PLOG-2216	proteomics_log	1223640	1223681	-	4	8	R.RRSDAEPHYLPQLR.K	18
PLOG-2217	proteomics_log	1223706	1223732	-	4	4	K.NTANIAKER.L	13
PLOG-2218	proteomics_log	1223706	1223738	-	4	35	R.KKNTANIAKER.L	15
PLOG-2219	proteomics_log	1223739	1223765	-	4	52	M.ALLDFFLSR.K	13
PLOG-2220	proteomics_log	1223787	1223822	-	4	3	R.FIEEEKKGFLKR.L	16
PLOG-2221	proteomics_log	1223787	1223849	-	4	6	R.LLGEERPFRIIEEEKKGFLKR.L	25
PLOG-2222	proteomics_log	1223790	1223822	-	4	6	R.FIEEEKKGFLK.R	15
PLOG-2223	proteomics_log	1223790	1223849	-	4	4	R.LLGEERPFRIIEEEKKGFLK.R	24
PLOG-2224	proteomics_log	1223850	1223873	-	4	4	K.AYADTVR.L	12
PLOG-2225	proteomics_log	1223850	1223927	-	4	25	R.ASNQGEVPILDINADAGKAYADTVR.L	30
PLOG-2226	proteomics_log	1223874	1223927	-	4	36	R.ASNQGEVPILDINADAGK.A	22
PLOG-2227	proteomics_log	1223928	1223966	-	4	17	K.LVGVIPEDQSVLR.A	17
PLOG-2228	proteomics_log	1223928	1223972	-	4	265	R.IKLVGVIPEDQSVLR.A	19
PLOG-2229	proteomics_log	1223973	1224014	-	4	9	R.GDMLSM*EDVLEILR.I	19
PLOG-2230	proteomics_log	1223973	1224014	-	4	9	R.GDM*LSM*EDVLEILR.I	20
PLOG-2231	proteomics_log	1223973	1224014	-	4	36	R.GDM*LSMEDVLEILR.I	19
PLOG-2232	proteomics_log	1223973	1224014	-	4	211	R.GDMLSMEDVLEILR.I	18
PLOG-2233	proteomics_log	1223973	1224023	-	4	37	R.VSRGDMLSMEDVLEILR.I	21
PLOG-2234	proteomics_log	1224039	1224089	-	4	147	R.RAENGEEPIKEHLLLTR.Y	21
PLOG-2235	proteomics_log	1224039	1224095	-	4	3	K.SRRAENGEEPIKEHLLLTR.Y	23
PLOG-2236	proteomics_log	1224057	1224089	-	4	2	R.RAENGEEPIKE.H	15
PLOG-2237	proteomics_log	1224096	1224131	-	4	14	R.DSDRILGILASK.S	16
PLOG-2238	proteomics_log	1224273	1224308	-	4	31	R.DKDALTREGVAK.V	16
PLOG-2239	proteomics_log	1224309	1224347	-	4	37	R.TENLYILPASQTR.D	17
PLOG-2240	proteomics_log	1224348	1224419	-	4	2	R.VVYDFVNVIQGDATLNQALIKDKR.T	28
PLOG-2241	proteomics_log	1224348	1224422	-	4	53	R.RVVYDFVNVIQGDATLNQALIKDKR.T	29
PLOG-2242	proteomics_log	1224351	1224422	-	4	2	R.RVVYDFVNVIQGDATLNQALIKDK.R	28
PLOG-2243	proteomics_log	1224423	1224452	-	4	2	R.NLDLIMGCER.R	14
PLOG-2244	proteomics_log	1224453	1224485	-	4	3	K.TVVIDFDIGLR.N	15
PLOG-2245	proteomics_log	1224495	1224536	-	4	39	K.TTSSAAIATGLAQK.G	18
PLOG-2246	proteomics_log	1224495	1224575	-	4	2	R.IIVVTSGKGGVGKTTSSAAIATGLAQK.G	31
PLOG-2247	proteomics_log	1224537	1224575	-	4	4	R.IIVVTSGKGGVGK.T	17
PLOG-2248	proteomics_log	1224537	1224581	-	4	4	M.ARIIVVTSGKGGVGK.T	19
PLOG-2249	proteomics_log	1225106	1225171	-	6	7	K.HAPVVLNVSALEDPVNWSAMHK.A	26

PLOG-2250	proteomics_log	1226297	1226320	-	6	3	K.YNVDIQIK.-	12
PLOG-2251	proteomics_log	1226297	1226323	-	6	2	K.KYNVDIQIK.-	13
PLOG-2252	proteomics_log	1226366	1226431	-	6	17	R.YSPELD SHGQYSLPASGKYELR.V	26
PLOG-2253	proteomics_log	1226378	1226431	-	6	2	R.YSPELD SHGQYSLPASGK.Y	22
PLOG-2254	proteomics_log	1226432	1226512	-	6	10	K.VHVSISNEGADTYLFGPGIDDSVDLSR.Y	31
PLOG-2255	proteomics_log	1226597	1226629	-	6	19	A.AGKNVNVFEFRK.G	15
PLOG-2256	proteomics_log	1226600	1226629	-	6	3	A.AGKNVNVFEFRK.K	14
PLOG-2257	proteomics_log	1232159	1232212	-	6	3	R.VAVDGVYCSGTGTDGAVV.P	22
PLOG-2258	proteomics_log	1232213	1232263	-	6	2	Q.GNDYVAIFEPM*FTRPGR.V	22
PLOG-2259	proteomics_log	1245274	1245318	-	5	4	K.THLLQPGLNNTSVK.S	19
PLOG-2260	proteomics_log	1245346	1245405	-	5	2	R.NQLTAAALFPLYVNAAAKDR.A	24
PLOG-2261	proteomics_log	1245352	1245405	-	5	2	R.NQLTAAALFPLYVNAAAK.D	22
PLOG-2262	proteomics_log	1245487	1245540	-	5	2	K.AAGDNAMANQYETLANAR.Q	22
PLOG-2263	proteomics_log	1245571	1245615	-	5	13	R.TTSIVPVDLNSLMFK.M	19
PLOG-2264	proteomics_log	1245616	1245651	-	5	6	R.WMDNPQQLNTRL.T	16
PLOG-2265	proteomics_log	1246144	1246215	-	5	3	R.STENTEKWDSLLPLPEPVVPGGR.F	28
PLOG-2266	proteomics_log	1246294	1246326	-	5	2	R.HFVNVNFTLPK.E	15
PLOG-2267	proteomics_log	1246327	1246359	-	5	7	R.MQQNQSGFDLR.H	15
PLOG-2268	proteomics_log	1246360	1246416	-	5	12	K.TFADAVPNSDPLMILADYR.M	23
PLOG-2269	proteomics_log	1246435	1246509	-	5	7	A.EETPVTPQPPDILLGLFNDVQNAK.L	29
PLOG-2270	proteomics_log	1247765	1247812	-	6	2	R.LVYTLSTFNADMLLEK.N	20
PLOG-2271	proteomics_log	1248185	1248244	-	6	5	K.IAIAAGIDDPQNPIGTDVAVK.V	24
PLOG-2272	proteomics_log	1248272	1248301	-	6	26	R.LGEGVGELAR.Q	14
PLOG-2273	proteomics_log	1248302	1248334	-	6	3	M.VNLVIVSHSSR.L	15
PLOG-2274	proteomics_log	1248351	1248425	-	4	13	R.SIGHQDPGATSVFMFMQMLALAAKE.-	29
PLOG-2275	proteomics_log	1248456	1248554	-	4	5	R.QSSEQNLSVPVALEAASSIAESAAQSTITMQAR.K	37
PLOG-2276	proteomics_log	1248621	1248647	-	4	3	R.DGADGVISR.G	13
PLOG-2277	proteomics_log	1248621	1248686	-	4	2	R.QSLTLEELYQM*FRDGADGVISR.G	27
PLOG-2278	proteomics_log	1248621	1248686	-	4	14	R.QSLTLEELYQMFRDGADGVISR.G	26
PLOG-2279	proteomics_log	1248648	1248686	-	4	2	R.QSLTLEELYQM*FR.D	18
PLOG-2280	proteomics_log	1248648	1248686	-	4	31	R.QSLTLEELYQMFR.D	17
PLOG-2281	proteomics_log	1248711	1248782	-	4	3	K.NTGM*TLSSVGGASGPLFGTFFIR.A	29
PLOG-2282	proteomics_log	1248711	1248782	-	4	16	K.NTGMTLLSSVGGASGPLFGTFFIR.A	28
PLOG-2283	proteomics_log	1248711	1248815	-	4	2	A.IADKDIGFILKNTGMTLLSSVGGASGPLFGTFFIR.A	39
PLOG-2284	proteomics_log	1248783	1248836	-	4	17	K.VVEKLPAIADKDIGFILK.N	22
PLOG-2285	proteomics_log	1248783	1248848	-	4	2	R.GFSKVVEKLPAIADKDIGFILK.N	26
PLOG-2286	proteomics_log	1248939	1248965	-	4	9	R.TQIVNWLTR.C	13
PLOG-2287	proteomics_log	1249165	1249230	-	5	7	R.VIALVNNLGATPLSELYGVYNR.L	26
PLOG-2288	proteomics_log	1249165	1249254	-	5	3	K.QPLQSGDRVIALVNNLGATPLSELYGVYNR.L	34
PLOG-2289	proteomics_log	1249312	1249386	-	5	11	R.RPFSSLDQTVDEMFDLTLVNGSYHR.T	29
PLOG-2290	proteomics_log	1249951	1249998	-	5	5	K.AHPSLTLHQDPVYVTR.A	20
PLOG-2291	proteomics_log	1249999	1250052	-	5	88	K.LINDVQDVLDEQLAGLAK.A	22
PLOG-2292	proteomics_log	1249999	1250061	-	5	3	I.M*KKLINDVQDVLDEQLAGLAK.A	26
PLOG-2293	proteomics_log	1249999	1250061	-	5	41	I.MKKLINDVQDVLDEQLAGLAK.A	25
PLOG-2294	proteomics_log	1255947	1255979	-	4	5	K.DGDVMNFLFNV.-	15
PLOG-2295	proteomics_log	1255947	1255979	-	4	5	K.DGDVM*NFLFNV.-	16

PLOG-2296	proteomics_log	1255947	1256006	-	4	72	R.AEGKDYIVKDGDMNFLFNV.-	24
PLOG-2297	proteomics_log	1255947	1256012	-	4	18	K.MRAEGKDYIVKDGDMNFLFNV.-	26
PLOG-2298	proteomics_log	1256115	1256162	-	4	25	R.AWTIPVGATAPQAAGK.I	20
PLOG-2299	proteomics_log	1256163	1256210	-	4	47	K.LLNLQTYFTAGVKEVR.A	20
PLOG-2300	proteomics_log	1256163	1256222	-	4	36	R.AGYKLLNLQTYFTAGVKEVR.A	24
PLOG-2301	proteomics_log	1256172	1256210	-	4	25	K.LLNLQTYFTAGVK.E	17
PLOG-2302	proteomics_log	1256172	1256222	-	4	2	R.AGYKLLNLQTYFTAGVK.E	21
PLOG-2303	proteomics_log	1256352	1256459	-	4	6	R.YLSFLTLPKPTMYIANVNEDGFENNPYLDQVREIAAK.E	40
PLOG-2304	proteomics_log	1256367	1256459	-	4	2	R.YLSFLTLPKPTM*YIANVNEDGFENNPYLDQVR.E	36
PLOG-2305	proteomics_log	1256367	1256459	-	4	131	R.YLSFLTLPKPTMYIANVNEDGFENNPYLDQVR.E	35
PLOG-2306	proteomics_log	1256460	1256498	-	4	16	R.ALDLSAEKKAIR.Y	17
PLOG-2307	proteomics_log	1256472	1256498	-	4	18	R.ALDLSAEK.A	13
PLOG-2308	proteomics_log	1256535	1256558	-	4	7	K.AELAVLEK.C	12
PLOG-2309	proteomics_log	1256535	1256579	-	4	64	K.GGDKDAKAEAVLEK.C	19
PLOG-2310	proteomics_log	1256535	1256585	-	4	19	K.AKGGDKDAKAEAVLEK.C	21
PLOG-2311	proteomics_log	1256721	1256750	-	4	38	R.ETEIGHVVR.C	14
PLOG-2312	proteomics_log	1256721	1256789	-	4	17	K.GEGLNQFLTNI RETEAIGHVVR.C	27
PLOG-2313	proteomics_log	1256721	1256801	-	4	156	K.GASKGEGLNQFLTNI RETEAIGHVVR.C	31
PLOG-2314	proteomics_log	1256751	1256789	-	4	9	K.GEGLNQFLTNI.R.E	17
PLOG-2315	proteomics_log	1256751	1256801	-	4	10	K.GASKGEGLNQFLTNI.R.E	21
PLOG-2316	proteomics_log	1256772	1256849	-	4	2	R.TLPTTMEFVDIAGLVKGASKGEGLGN.Q	30
PLOG-2317	proteomics_log	1256802	1256843	-	4	5	L.PTTMEFVDIAGLVK.G	18
PLOG-2318	proteomics_log	1256802	1256849	-	4	13	R.TLPTTM*EFVDIAGLVK.G	21
PLOG-2319	proteomics_log	1256802	1256849	-	4	231	R.TLPTTMEFVDIAGLVK.G	20
PLOG-2320	proteomics_log	1256802	1256885	-	4	70	R.LDQLAEIVKQRTLPTTMEFVDIAGLVK.G	32
PLOG-2321	proteomics_log	1256850	1256885	-	4	11	R.LDQLAEIVKQRT.T	16
PLOG-2322	proteomics_log	1256964	1256990	-	4	14	K.STLFNALT.K.A	13
PLOG-2323	proteomics_log	1256964	1257032	-	4	8	M.GFKCGIVGLPNVGKSTLFNALT.K.A	27
PLOG-2324	proteomics_log	1257635	1257676	-	6	5	R.HNAGAWFVDLLAER.L	18
PLOG-2325	proteomics_log	1260154	1260192	-	5	11	R.ISNEESISAM*FEH.-	18
PLOG-2326	proteomics_log	1260154	1260192	-	5	130	R.ISNEESISAMFEH.-	17
PLOG-2327	proteomics_log	1260154	1260195	-	5	60	R.RISNEESISAMFEH.-	18
PLOG-2328	proteomics_log	1260154	1260234	-	5	12	R.TLTLSGMLAEAIRRISNEESISAMFEH.-	31
PLOG-2329	proteomics_log	1260193	1260234	-	5	66	R.TLTLSGMLAEAIRR.I	18
PLOG-2330	proteomics_log	1260196	1260234	-	5	4	R.TLTLSGM*LAEAIR.R	18
PLOG-2331	proteomics_log	1260196	1260234	-	5	239	R.TLTLSGMLAEAIR.R	17
PLOG-2332	proteomics_log	1260205	1260234	-	5	7	R.TLTLSGM*LAE.A	15
PLOG-2333	proteomics_log	1260235	1260282	-	5	22	C.DTIPLSDEIKSLPNVR.T	20
PLOG-2334	proteomics_log	1260235	1260312	-	5	6	R.NSVIDEVVVCDTIPLSDEIKSLPNVR.T	30
PLOG-2335	proteomics_log	1260313	1260369	-	5	198	R.VFAYATHPIFSGNAANNLR.N	23
PLOG-2336	proteomics_log	1260313	1260372	-	5	53	K.RVFAYATHPIFSGNAANNLR.N	24
PLOG-2337	proteomics_log	1260313	1260381	-	5	18	R.GAKRVFAYATHPIFSGNAANNLR.N	27
PLOG-2338	proteomics_log	1260373	1260405	-	5	12	K.AAEALKER.GAK.R	15
PLOG-2339	proteomics_log	1260382	1260405	-	5	73	K.AAEALKER.G	12
PLOG-2340	proteomics_log	1260406	1260504	-	5	6	R.ANVSQVMHIIGDVAGRDCVLVDDMIDTGGTLCK.A	37
PLOG-2341	proteomics_log	1260457	1260504	-	5	229	R.ANVSQVMHIIGDVAGR.D	20

PLOG-2342	proteomics_log	1260505	1260552	-	5	5	K.LLNDTDM*AIIDKRRPR.A	21
PLOG-2343	proteomics_log	1260505	1260552	-	5	10	K.LLNDTDMAIIDKRRPR.A	20
PLOG-2344	proteomics_log	1260505	1260564	-	5	21	R.AIAKLLNDTDMAIIDKRRPR.A	24
PLOG-2345	proteomics_log	1260514	1260552	-	5	7	K.LLNDTDM*AIIDKR.R	18
PLOG-2346	proteomics_log	1260514	1260552	-	5	148	K.LLNDTDMAIIDKR.R	17
PLOG-2347	proteomics_log	1260514	1260564	-	5	4	R.AIAKLLNDTDMAIIDKR.R	21
PLOG-2348	proteomics_log	1260517	1260552	-	5	17	K.LLNDTDMAIIDK.R	16
PLOG-2349	proteomics_log	1260571	1260618	-	5	35	N.LDNPIVVSPDIGGVVR.A	20
PLOG-2350	proteomics_log	1260571	1260624	-	5	4	Q.LNLNDNPIVVSPDIGGVVR.A	22
PLOG-2351	proteomics_log	1260727	1260765	-	5	280	K.VVADFLSSVGVDR.V	17
PLOG-2352	proteomics_log	1260727	1260792	-	5	88	R.SARVPITAKVVADFLSSVGVDR.V	26
PLOG-2353	proteomics_log	1260727	1260798	-	5	2	R.VRSARVPITAKVVADFLSSVGVDR.V	28
PLOG-2354	proteomics_log	1260766	1260792	-	5	55	R.SARVPITAK.V	13
PLOG-2355	proteomics_log	1260811	1260846	-	5	96	R.ITAVIPYFGYAR.Q	16
PLOG-2356	proteomics_log	1260811	1260861	-	5	12	R.ASAGRITAVIPYFGYAR.Q	21
PLOG-2357	proteomics_log	1260811	1260864	-	5	17	R.RASAGRITAVIPYFGYAR.Q	22
PLOG-2358	proteomics_log	1260817	1260846	-	5	2	R.ITAVIPYFGY.A	14
PLOG-2359	proteomics_log	1260823	1260846	-	5	4	R.ITAVIPYF.G	12
PLOG-2360	proteomics_log	1260862	1260951	-	5	7	R.GGDIFIIQSTCAPTNDNLMELVVMVDALRR.A	34
PLOG-2361	proteomics_log	1260865	1260951	-	5	2	R.GGDIFIIQSTCAPTNDNLMELVVMVDALR.R	33
PLOG-2362	proteomics_log	1260952	1260996	-	5	22	R.FSDGEVSVQINENVR.G	19
PLOG-2363	proteomics_log	1260952	1261032	-	5	3	R.LYTSLGDAAVGRFSDGEVSVQINENVR.G	31
PLOG-2364	proteomics_log	1260952	1261044	-	5	23	R.IANRLYTSLGDAAVGRFSDGEVSVQINENVR.G	35
PLOG-2365	proteomics_log	1260997	1261032	-	5	128	R.LYTSLGDAAVGR.F	16
PLOG-2366	proteomics_log	1260997	1261044	-	5	175	R.IANRLYTSLGDAAVGR.F	20
PLOG-2367	proteomics_log	1261045	1261083	-	5	196	K.LFAGNATPELAQR.I	17
PLOG-2368	proteomics_log	1261045	1261095	-	5	6	V.PDM*KLFAGNATPELAQR.I	22
PLOG-2369	proteomics_log	1261045	1261095	-	5	265	V.PDMKLFAGNATPELAQR.I	21
PLOG-2370	proteomics_log	1262397	1262477	-	4	6	R.LLLTNPLGSTELELNAQPGNVQLVDNK.G	31
PLOG-2371	proteomics_log	1262514	1262558	-	4	2	R.GAFAYISDQKQVYAR.F	19
PLOG-2372	proteomics_log	1271486	1271566	-	6	7	R.FFMPFIIIPFGIFM*LHSSPGHFM*RGFF.A	33
PLOG-2373	proteomics_log	1272472	1272567	-	5	17	R.GISTLPLIDGVEIGTLVELAQWTLSDKVLTF.-	36
PLOG-2374	proteomics_log	1272484	1272567	-	5	9	R.GISTLPLIDGVEIGTLVELAQWTLSDK.V	32
PLOG-2375	proteomics_log	1272670	1272708	-	5	6	R.LFLMSDAVTAGLR.G	17
PLOG-2376	proteomics_log	1272754	1272813	-	5	17	K.IVIVANGAPYGSESLFNLSR.L	24
PLOG-2377	proteomics_log	1274489	1274518	-	6	2	R.RLDITESTVK.V	14
PLOG-2378	proteomics_log	1274615	1274698	-	6	5	K.ALHQAAGEMVLSEALTPVLAASLRANR.A	32
PLOG-2379	proteomics_log	1274624	1274698	-	6	37	K.ALHQAAGEMVLSEALTPVLAASLR.A	29
PLOG-2380	proteomics_log	1274624	1274749	-	6	18	R.GADGYLLKDMEPEDLLKALHQAAGEMVLSEALTPVLAASLR.A	46
PLOG-2381	proteomics_log	1274699	1274749	-	6	9	R.GADGYLLKDMEPEDLLK.A	21
PLOG-2382	proteomics_log	1274750	1274806	-	6	15	R.IVVFSVSNHEEDVVTTALKR.G	23
PLOG-2383	proteomics_log	1274996	1275049	-	6	46	M.SNQEPATILLIDHPMLR.T	22
PLOG-2384	proteomics_log	1274996	1275049	-	6	46	M.SNQEPATILLIDHPMLR.T	22
PLOG-2385	proteomics_log	1278246	1278296	-	4	2	K.SSGKWNHYPAQLSGTAP.G	21
PLOG-2386	proteomics_log	1281397	1281417	-	5	2	A.RQTEVQR.N	11
PLOG-2387	proteomics_log	1287008	1287067	-	6	11	R.ALYKVLAQRVVFYGNRTIIL.-	24

PLOG-2388	proteomics_log	1287041	1287067	-	6	2	R.ALYKVLAQR.V	13
PLOG-2389	proteomics_log	1287068	1287103	-	6	84	R.AGRDVEKNVLSR.A	16
PLOG-2390	proteomics_log	1287248	1287307	-	6	2	R.FPNKIINIHHSFPAFIGAR.P	24
PLOG-2391	proteomics_log	1287344	1287394	-	6	9	K.MADAIDAYQPDYVVLAK.Y	21
PLOG-2392	proteomics_log	1287413	1287457	-	6	2	R.FDIPFELVSHEGLTR.N	19
PLOG-2393	proteomics_log	1287617	1287694	-	6	62	R.TELEGIFNDSTLLADLDSALPEGSVR.E	30
PLOG-2394	proteomics_log	1287782	1287817	-	6	2	R.TICPDQKGLIAR.I	16
PLOG-2395	proteomics_log	1289214	1289234	-	4	4	S.GGSPAMR.F	11
PLOG-2396	proteomics_log	1291735	1291761	-	5	214	K.SLDDFLIKQ.-	13
PLOG-2397	proteomics_log	1291735	1291782	-	5	78	K.AM*DEQGKSLDDFLIKQ.-	21
PLOG-2398	proteomics_log	1291735	1291782	-	5	251	K.AMDEQGKSLDDFLIKQ.-	20
PLOG-2399	proteomics_log	1291735	1291785	-	5	6	K.KAM*DEQGKSLDDFLIKQ.-	22
PLOG-2400	proteomics_log	1291735	1291785	-	5	176	K.KAMDEQGKSLDDFLIKQ.-	21
PLOG-2401	proteomics_log	1291735	1291803	-	5	6	R.TPAVIKKAM*DEQGKSLDDFLIKQ.-	28
PLOG-2402	proteomics_log	1291735	1291803	-	5	89	R.TPAVIKKAMDEQGKSLDDFLIKQ.-	27
PLOG-2403	proteomics_log	1291738	1291761	-	5	15	K.SLDDFLIK.Q	12
PLOG-2404	proteomics_log	1291762	1291803	-	5	6	R.TPAVIKKAMDEQGK.S	18
PLOG-2405	proteomics_log	1291783	1291824	-	5	15	K.TWTGQGRTPAVIKK.A	18
PLOG-2406	proteomics_log	1291783	1291857	-	5	2	K.YSYVDENGETKTWTGQGRTPAVIKK.A	29
PLOG-2407	proteomics_log	1291804	1291857	-	5	19	K.YSYVDENGETKTWTGQGR.T	22
PLOG-2408	proteomics_log	1291804	1291875	-	5	10	R.AQRPAKYSYVDENGETKTWTGQGR.T	28
PLOG-2409	proteomics_log	1291804	1291878	-	5	9	K.RAQRPAKYSYVDENGETKTWTGQGR.T	29
PLOG-2410	proteomics_log	1291825	1291857	-	5	60	K.YSYVDENGETK.T	15
PLOG-2411	proteomics_log	1291825	1291875	-	5	45	R.AQRPAKYSYVDENGETK.T	21
PLOG-2412	proteomics_log	1291825	1291878	-	5	68	K.RAQRPAKYSYVDENGETK.T	22
PLOG-2413	proteomics_log	1291876	1291959	-	5	19	R.EMLIADGIDPNELLNSLAAVKSGTKAKR.A	32
PLOG-2414	proteomics_log	1291879	1291959	-	5	78	R.EMLIADGIDPNELLNSLAAVKSGTKAK.R	31
PLOG-2415	proteomics_log	1291879	1291977	-	5	9	R.KLQQYREM*LIADGIDPNELLNSLAAVKSGTKAK.R	38
PLOG-2416	proteomics_log	1291879	1291977	-	5	14	R.KLQQYREMLIADGIDPNELLNSLAAVKSGTKAK.R	37
PLOG-2417	proteomics_log	1291885	1291959	-	5	5	R.EM*LIADGIDPNELLNSLAAVKSGTK.A	30
PLOG-2418	proteomics_log	1291885	1291959	-	5	169	R.EMLIADGIDPNELLNSLAAVKSGTK.A	29
PLOG-2419	proteomics_log	1291885	1291974	-	5	60	K.LQQYREMLIADGIDPNELLNSLAAVKSGTK.A	34
PLOG-2420	proteomics_log	1291885	1291977	-	5	10	R.KLQQYREM*LIADGIDPNELLNSLAAVKSGTK.A	36
PLOG-2421	proteomics_log	1291885	1291977	-	5	193	R.KLQQYREMLIADGIDPNELLNSLAAVKSGTK.A	35
PLOG-2422	proteomics_log	1291897	1291932	-	5	9	D.PNELLNSLAAVK.S	16
PLOG-2423	proteomics_log	1291897	1291944	-	5	5	A.DGIDPNELLNSLAAVK.S	20
PLOG-2424	proteomics_log	1291897	1291947	-	5	2	I.ADGIDPNELLNSLAAVK.S	21
PLOG-2425	proteomics_log	1291897	1291950	-	5	68	L.IADGIDPNELLNSLAAVK.S	22
PLOG-2426	proteomics_log	1291897	1291953	-	5	18	M.LIADGIDPNELLNSLAAVK.S	23
PLOG-2427	proteomics_log	1291897	1291956	-	5	5	E.MLIADGIDPNELLNSLAAVK.S	24
PLOG-2428	proteomics_log	1291897	1291959	-	5	316	R.EM*LIADGIDPNELLNSLAAVK.S	26
PLOG-2429	proteomics_log	1291897	1291959	-	5	637	R.EMLIADGIDPNELLNSLAAVK.S	25
PLOG-2430	proteomics_log	1291897	1291968	-	5	7	Q.QYREMLIADGIDPNELLNSLAAVK.S	28
PLOG-2431	proteomics_log	1291897	1291974	-	5	34	K.LQQYREM*LIADGIDPNELLNSLAAVK.S	31
PLOG-2432	proteomics_log	1291897	1291974	-	5	210	K.LQQYREMLIADGIDPNELLNSLAAVK.S	30
PLOG-2433	proteomics_log	1291897	1291977	-	5	75	R.KLQQYREM*LIADGIDPNELLNSLAAVK.S	32

PLOG-2434	proteomics_log	1291897	1291977	-	5	273	R.KLQQYREMLIADGIDPNELLNSLAAVK.S	31
PLOG-2435	proteomics_log	1291897	1291983	-	5	11	R.TRKLQQYREM*LIADGIDPNELLNSLAAVK.S	34
PLOG-2436	proteomics_log	1291897	1291983	-	5	81	R.TRKLQQYREMLIADGIDPNELLNSLAAVK.S	33
PLOG-2437	proteomics_log	1291900	1291959	-	5	2	R.EM*LIADGIDPNELLNSLAAV.K	25
PLOG-2438	proteomics_log	1291906	1291959	-	5	4	R.EM*LIADGIDPNELLNSLA.A	23
PLOG-2439	proteomics_log	1291912	1291959	-	5	7	R.EM*LIADGIDPNELLNS.L	21
PLOG-2440	proteomics_log	1291912	1291959	-	5	22	R.EMLIADGIDPNELLNS.L	20
PLOG-2441	proteomics_log	1291912	1291977	-	5	17	R.KLQQYREMLIADGIDPNELLNS.L	26
PLOG-2442	proteomics_log	1291960	1291983	-	5	29	R.TRKLQQYR.E	12
PLOG-2443	proteomics_log	1291975	1292025	-	5	18	R.REEESAAAAEVEERTRK.L	21
PLOG-2444	proteomics_log	1291978	1292025	-	5	155	R.REEESAAAAEVEERTR.K	20
PLOG-2445	proteomics_log	1291978	1292049	-	5	2	K.LEVVVNERREEESAAAAEVEERTR.K	28
PLOG-2446	proteomics_log	1291984	1292022	-	5	78	R.EEESAAAAEVEER.T	17
PLOG-2447	proteomics_log	1291984	1292025	-	5	170	R.REEESAAAAEVEER.T	18
PLOG-2448	proteomics_log	1291984	1292049	-	5	43	K.LEVVVNERREEESAAAAEVEER.T	26
PLOG-2449	proteomics_log	1292026	1292049	-	5	153	K.LEVVVNER.R	12
PLOG-2450	proteomics_log	1292026	1292067	-	5	13	L.EEMLEKLEVVVNER.R	18
PLOG-2451	proteomics_log	1292026	1292070	-	5	12	T.LEEMLEKLEVVVNER.R	19
PLOG-2452	proteomics_log	1292026	1292076	-	5	2	L.ETLEEMLEKLEVVVNER.R	21
PLOG-2453	proteomics_log	1292026	1292079	-	5	4	T.LEEMLEKLEVVVNER.R	22
PLOG-2454	proteomics_log	1292026	1292088	-	5	19	R.ECTLETLEEMLEKLEVVVNER.R	25
PLOG-2455	proteomics_log	1292026	1292100	-	5	5	R.AQARECTLETLEEMLEKLEVVVNER.R	29
PLOG-2456	proteomics_log	1292050	1292088	-	5	9	R.ECTLETLEEMLEK.L	17
PLOG-2457	proteomics_log	1292050	1292091	-	5	6	A.RECTLETLEEM*LEK.L	19
PLOG-2458	proteomics_log	1292089	1292142	-	5	2	M.SEALKILNNIRTTLRAQAR.E	22
PLOG-2459	proteomics_log	1292101	1292142	-	5	98	M.SEALKILNNIRTTLR.A	18
PLOG-2460	proteomics_log	1292101	1292145	-	5	14	T.MSEALKILNNIRTTLR.A	19
PLOG-2461	proteomics_log	1292110	1292142	-	5	225	M.SEALKILNNIR.T	15
PLOG-2462	proteomics_log	1292110	1292145	-	5	92	T.MSEALKILNNIR.T	16
PLOG-2463	proteomics_log	1294681	1294716	-	5	2	K.EAAPAKAEKKAK.K	16
PLOG-2464	proteomics_log	1294690	1294719	-	5	4	K.KEAAPAKAEK.K	14
PLOG-2465	proteomics_log	1294717	1294779	-	5	3	K.QILLDTYYGRDYVEGETAAK.E	25
PLOG-2466	proteomics_log	1294720	1294779	-	5	2	K.QILLDTYYGRDYVEGETAAK.K	24
PLOG-2467	proteomics_log	1294720	1294803	-	5	5	R.YPLISELKQILLDTYYGRDYVEGETAAK.K	32
PLOG-2468	proteomics_log	1294852	1294896	-	5	4	R.EAGVQEADFLANVDK.L	19
PLOG-2469	proteomics_log	1294906	1294953	-	5	73	K.LLAWLETLKAELGIPK.S	20
PLOG-2470	proteomics_log	1294906	1294962	-	5	34	K.IEKLLAWLETLKAELGIPK.S	23
PLOG-2471	proteomics_log	1294906	1294974	-	5	29	R.TAAKIEKLLAWLETLKAELGIPK.S	27
PLOG-2472	proteomics_log	1294906	1294977	-	5	17	D.RTAAKIEKLLAWLETLKAELGIPK.S	28
PLOG-2473	proteomics_log	1294927	1294953	-	5	13	K.LLAWLETLK.A	13
PLOG-2474	proteomics_log	1294954	1295022	-	5	8	R.YAEIADHLGLSAPGDRTAAKIEK.L	27
PLOG-2475	proteomics_log	1294975	1295022	-	5	14	R.YAEIADHLGLSAPGDR.T	20
PLOG-2476	proteomics_log	1294975	1295028	-	5	2	R.RRYAEIADHLGLSAPGDR.T	22
PLOG-2477	proteomics_log	1295029	1295094	-	5	25	R.YNANDNPTKQTAFSQYDRPQAR.R	26
PLOG-2478	proteomics_log	1295068	1295094	-	5	16	R.YNANDNPTK.Q	13
PLOG-2479	proteomics_log	1295245	1295304	-	5	51	K.LLKEYLPASYHEGSKNPVAR.E	24

PLOG-2480	proteomics_log	1295296	1295412	-	5	4	K.SLCAFGGGLDAVTHAMEAYVSVLASEFSDGQALQALKLLK.E	43
PLOG-2481	proteomics_log	1295305	1295412	-	5	10	K.SLCAFGGGLDAVTHAMEAYVSVLASEFSDGQALQALK.L	40
PLOG-2482	proteomics_log	1295413	1295487	-	5	3	K.YPLADYALTPDMAIVDANLVMDMPK.S	29
PLOG-2483	proteomics_log	1295608	1295685	-	5	2	K.IMWVMEHPETHFEELALRFMDIRKR.I	30
PLOG-2484	proteomics_log	1295629	1295685	-	5	2	K.IMWVM*YEHPEETHFEELALR.F	24
PLOG-2485	proteomics_log	1295629	1295685	-	5	2	K.IM*WVMEHPETHFEELALR.F	24
PLOG-2486	proteomics_log	1295629	1295685	-	5	2	K.IM*WVM*YEHPEETHFEELALR.F	25
PLOG-2487	proteomics_log	1295629	1295685	-	5	128	K.IMWVMEHPETHFEELALR.F	23
PLOG-2488	proteomics_log	1295686	1295763	-	5	14	K.GAELANSFKPDVIIALGGGSPMDAAK.I	30
PLOG-2489	proteomics_log	1295686	1295766	-	5	4	R.KGAELANSFKPDVIIALGGGSPM*DAAK.I	32
PLOG-2490	proteomics_log	1295686	1295766	-	5	162	R.KGAELANSFKPDVIIALGGGSPMDAAK.I	31
PLOG-2491	proteomics_log	1295833	1295880	-	5	58	R.FLFNNGYADQITSVLK.A	20
PLOG-2492	proteomics_log	1295833	1295901	-	5	105	R.ALIVTDRFLFNNGYADQITSVLK.A	27
PLOG-2493	proteomics_log	1295902	1295943	-	5	2	L.PIALDEVITDGHKR.A	18
PLOG-2494	proteomics_log	1295902	1295952	-	5	63	R.GSLPIALDEVITDGHKR.A	21
PLOG-2495	proteomics_log	1295902	1295955	-	5	174	R.RGSLPIALDEVITDGHKR.A	22
PLOG-2496	proteomics_log	1295905	1295955	-	5	8	R.RGSLPIALDEVITDGHK.R	21
PLOG-2497	proteomics_log	1295956	1296006	-	5	2	K.RAENMLWHKLPKSIYFR.R	21
PLOG-2498	proteomics_log	1295971	1296006	-	5	18	K.RAENMLWHKLPK.S	16
PLOG-2499	proteomics_log	1296007	1296036	-	5	10	K.HLINKKTVAK.R	14
PLOG-2500	proteomics_log	1296019	1296108	-	5	6	K.LAPSLTLGCGSWGGSISENVGPKHLINKK.T	34
PLOG-2501	proteomics_log	1296037	1296165	-	5	7	R.ILINTPASQGGIGDLYNFKLAPSLTLGCGSWGGSISENVGPK.H	47
PLOG-2502	proteomics_log	1296109	1296165	-	5	292	R.ILINTPASQGGIGDLYNFK.L	23
PLOG-2503	proteomics_log	1296118	1296165	-	5	4	R.ILINTPASQGGIGDLY.N	20
PLOG-2504	proteomics_log	1296127	1296165	-	5	2	R.ILINTPASQGGIG.D	17
PLOG-2505	proteomics_log	1296166	1296201	-	5	4	R.VSYFGQKMK.TAR.I	16
PLOG-2506	proteomics_log	1296175	1296201	-	5	4	R.VSYFGQKMK.T	13
PLOG-2507	proteomics_log	1296181	1296201	-	5	19	R.VSYFGQK.M	11
PLOG-2508	proteomics_log	1296181	1296270	-	5	3	K.LVAMGGIGHTSCLYTDQDNQPARVSYFGQK.M	34
PLOG-2509	proteomics_log	1296202	1296270	-	5	6	K.LVAMGGIGHTSCLYTDQDNQPAR.V	27
PLOG-2510	proteomics_log	1296202	1296309	-	5	11	R.AKDFEDAVEKAELVAMGGIGHTSCLYTDQDNQPAR.V	40
PLOG-2511	proteomics_log	1296271	1296303	-	5	2	K.DFEDAVEKAEL.L	15
PLOG-2512	proteomics_log	1296271	1296309	-	5	131	R.AKDFEDAVEKAEL.L	17
PLOG-2513	proteomics_log	1296280	1296303	-	5	2	K.DFEDAVEK.A	12
PLOG-2514	proteomics_log	1296280	1296309	-	5	91	R.AKDFEDAVEK.A	14
PLOG-2515	proteomics_log	1296310	1296336	-	5	8	K.LSPTLAM.YR.A	13
PLOG-2516	proteomics_log	1296310	1296393	-	5	14	K.ILIGEVTVVDESEPFPAHEKLSPTLAM*YR.A	33
PLOG-2517	proteomics_log	1296310	1296393	-	5	120	K.ILIGEVTVVDESEPFPAHEKLSPTLAM.YR.A	32
PLOG-2518	proteomics_log	1296310	1296435	-	5	2	K.IAELAGFSVPENTKILIGEVTVVDESEPFPAHEKLSPTLAM.YR.A	46
PLOG-2519	proteomics_log	1296337	1296393	-	5	116	K.ILIGEVTVVDESEPFPAHEK.L	23
PLOG-2520	proteomics_log	1296337	1296435	-	5	7	K.IAELAGFSVPENTKILIGEVTVVDESEPFPAHEK.L	37
PLOG-2521	proteomics_log	1296394	1296435	-	5	142	K.IAELAGFSVPENTK.I	18
PLOG-2522	proteomics_log	1296394	1296504	-	5	60	K.AVQDVILKNGALNAAIVGQPAYKIAELAGFSVPENTK.I	41
PLOG-2523	proteomics_log	1296394	1296513	-	5	4	K.ELKAVQDVILKNGALNAAIVGQPAYKIAELAGFSVPENTK.I	44
PLOG-2524	proteomics_log	1296436	1296480	-	5	38	K.NGALNAAIVGQPAYK.I	19
PLOG-2525	proteomics_log	1296436	1296504	-	5	61	K.AVQDVILKNGALNAAIVGQPAYK.I	27

PLOG-2526	proteomics_log	1296436	1296513	-	5	22	K.ELKAVQDVILKNGALNAAIVGQPAYK.I	30
PLOG-2527	proteomics_log	1296436	1296549	-	5	9	R.FATHGGYLLQGKELKAVQDVILKNGALNAAIVGQPAYK.I	42
PLOG-2528	proteomics_log	1296481	1296504	-	5	9	K.AVQDVILK.N	12
PLOG-2529	proteomics_log	1296481	1296549	-	5	14	R.FATHGGYLLQGKELKAVQDVILK.N	27
PLOG-2530	proteomics_log	1296505	1296549	-	5	82	R.FATHGGYLLQGKELK.A	19
PLOG-2531	proteomics_log	1296505	1296555	-	5	2	R.ERFATHGGYLLQGKELK.A	21
PLOG-2532	proteomics_log	1296514	1296549	-	5	92	R.FATHGGYLLQGK.E	16
PLOG-2533	proteomics_log	1296550	1296630	-	5	19	K.TFDNGVICASEQSVVVVDSVYDAVRER.F	31
PLOG-2534	proteomics_log	1296550	1296657	-	5	4	R.AVASVLMKSTFDNGVICASEQSVVVVDSVYDAVRER.F	40
PLOG-2535	proteomics_log	1296631	1296657	-	5	3	R.AVASVLM*SK.T	14
PLOG-2536	proteomics_log	1296631	1296657	-	5	99	R.AVASVLMK.T	13
PLOG-2537	proteomics_log	1296631	1296744	-	5	19	K.AAYSSGKPAIGVGAGNTPVVIDETADIKRAVASVLMK.T	42
PLOG-2538	proteomics_log	1296658	1296741	-	5	10	A.AYSSGKPAIGVGAGNTPVVIDETADIKR.A	32
PLOG-2539	proteomics_log	1296658	1296744	-	5	130	K.AAYSSGKPAIGVGAGNTPVVIDETADIKR.A	33
PLOG-2540	proteomics_log	1296661	1296744	-	5	10	K.AAYSSGKPAIGVGAGNTPVVIDETADIK.R	32
PLOG-2541	proteomics_log	1296745	1296846	-	5	24	L.IGWIDQPSVELSNALMHHDPINLILATGGPGMVK.A	38
PLOG-2542	proteomics_log	1296745	1296852	-	5	95	K.DLIGWIDQPSVELSNALMHHDPINLILATGGPGMVK.A	40
PLOG-2543	proteomics_log	1296745	1296855	-	5	3	P.KDLIGWIDQPSVELSNALMHHDPINLILATGGPGMVK.A	41
PLOG-2544	proteomics_log	1296745	1296876	-	5	2	A.AIAAGAPKDLIGWIDQPSVELSNALMHHDPINLILATGGPGMVK.A	48
PLOG-2545	proteomics_log	1296853	1296900	-	5	12	K.AADIVLQAAIAAGAPK.D	20
PLOG-2546	proteomics_log	1296853	1296915	-	5	12	K.DATNKAADIVLQAAIAAGAPK.D	25
PLOG-2547	proteomics_log	1296853	1296921	-	5	73	R.AKDATNKAADIVLQAAIAAGAPK.D	27
PLOG-2548	proteomics_log	1296853	1296951	-	5	2	R.NAIIFSPHPRKDATNKAADIVLQAAIAAGAPK.D	37
PLOG-2549	proteomics_log	1296922	1296951	-	5	168	R.NAIIFSPHPR.A	14
PLOG-2550	proteomics_log	1296922	1296957	-	5	15	K.TRNAIIFSPHPR.A	16
PLOG-2551	proteomics_log	1296976	1297092	-	5	10	K.TCGVLSDDTFTGTTIAEPIGIIICGIVPTTNPSTAIK.S	43
PLOG-2552	proteomics_log	1297093	1297140	-	5	7	K.NHFASEYIYNAYKDEK.T	20
PLOG-2553	proteomics_log	1297093	1297149	-	5	31	K.VIKNHFASEYIYNAYKDEK.T	23
PLOG-2554	proteomics_log	1297093	1297191	-	5	13	K.MAVAESGMGIVEDKVIKNHFASEYIYNAYKDEK.T	37
PLOG-2555	proteomics_log	1297141	1297188	-	5	2	M.AVAESGMGIVEDKVIK.N	20
PLOG-2556	proteomics_log	1297141	1297191	-	5	23	K.MAVAESGMGIVEDKVIK.N	21
PLOG-2557	proteomics_log	1297150	1297188	-	5	2	M.AVAESGM*GIVEDK.V	18
PLOG-2558	proteomics_log	1297150	1297188	-	5	7	M.AVAESGMGIVEDK.V	17
PLOG-2559	proteomics_log	1297150	1297191	-	5	3	K.M*AVAESGM*GIVEDK.V	20
PLOG-2560	proteomics_log	1297150	1297191	-	5	4	K.MAVAESGM*GIVEDK.V	19
PLOG-2561	proteomics_log	1297150	1297191	-	5	4	K.M*AVAESGMGIVEDK.V	19
PLOG-2562	proteomics_log	1297150	1297191	-	5	69	K.MAVAESGMGIVEDK.V	18
PLOG-2563	proteomics_log	1297192	1297236	-	5	112	R.AAALAAADARIPLAK.M	19
PLOG-2564	proteomics_log	1297192	1297281	-	5	7	R.EYASFTQEVDKIFRAAALAAADARIPLAK.M	34
PLOG-2565	proteomics_log	1297192	1297290	-	5	6	K.AQREYASFTQEVDKIFRAAALAAADARIPLAK.M	37
PLOG-2566	proteomics_log	1297207	1297236	-	5	143	R.AAALAAADAR.I	14
PLOG-2567	proteomics_log	1297237	1297281	-	5	69	R.EYASFTQEVDKIFR.A	19
PLOG-2568	proteomics_log	1297237	1297290	-	5	92	K.AQREYASFTQEVDKIFR.A	22
PLOG-2569	proteomics_log	1297237	1297293	-	5	24	K.KAQREYASFTQEVDKIFR.A	23
PLOG-2570	proteomics_log	1297237	1297299	-	5	42	R.VKKAQREYASFTQEVDKIFR.A	25
PLOG-2571	proteomics_log	1297246	1297281	-	5	2	R.EYASFTQEVDK.I	16

PLOG-2572	proteomics_log	1297246	1297293	-	5	2	K.KAQREYASFTQEQVDK.I	20
PLOG-2573	proteomics_log	1297246	1297299	-	5	4	R.VKKAQREYASFTQEQVDK.I	22
PLOG-2574	proteomics_log	1297282	1297341	-	5	2	M.AVTNVAELNALVERVKKQR.E	24
PLOG-2575	proteomics_log	1297294	1297341	-	5	11	M.AVTNVAELNALVERVK.K	20
PLOG-2576	proteomics_log	1297300	1297341	-	5	159	M.AVTNVAELNALVER.V	18
PLOG-2577	proteomics_log	1305040	1305150	-	5	14	R.LTEDETLEQAYDIFLELAADNLDPADVLLFNLQFEER.G	41
PLOG-2578	proteomics_log	1307169	1307228	-	4	14	K.MVHPDIILSPQLFGSEILAR.V	24
PLOG-2579	proteomics_log	1307379	1307435	-	4	2	R.LGDNADVIPGDSNDSSVLK.K	23
PLOG-2580	proteomics_log	1308782	1308808	-	6	69	R.LQLLHDEGR.L	13
PLOG-2581	proteomics_log	1308809	1308838	-	6	6	R.LSVRPAHLAR.L	14
PLOG-2582	proteomics_log	1312964	1313020	-	6	2	K.MAALGQSIGGIFPSDEIVK.G	23
PLOG-2583	proteomics_log	1313405	1313500	-	6	4	R.DAALIAAAQKVEHYEIASYGTLATLAEQLGYR.K	36
PLOG-2584	proteomics_log	1313717	1313782	-	6	5	K.TIEDVFIHLLSDTYSAEKQLTR.A	26
PLOG-2585	proteomics_log	1313729	1313782	-	6	7	K.TIEDVFIHLLSDTYSAEK.Q	22
PLOG-2586	proteomics_log	1314443	1314478	-	6	9	K.VFVQPMKAATRS.-	16
PLOG-2587	proteomics_log	1314443	1314496	-	6	4	K.MLAALKVVFVQPMKAATRS.-	22
PLOG-2588	proteomics_log	1314443	1314529	-	6	11	K.IIEQHINEPEKMLAALKVVFVQPMKAATRS.-	33
PLOG-2589	proteomics_log	1314446	1314478	-	6	2	K.VFVQPMKAATR.S	15
PLOG-2590	proteomics_log	1314458	1314496	-	6	3	K.MLAALKVVFVQPMK.A	17
PLOG-2591	proteomics_log	1314458	1314529	-	6	7	K.IIEQHINEPEKMLAALKVVFVQPMK.A	28
PLOG-2592	proteomics_log	1314479	1314529	-	6	21	K.IIEQHINEPEKMLAALK.V	21
PLOG-2593	proteomics_log	1314479	1314583	-	6	8	K.AAIDAGAAGAISGSAIVKIIIEQHINEPEKMLAALK.V	39
PLOG-2594	proteomics_log	1314497	1314529	-	6	41	K.IIEQHINEPEK.M	15
PLOG-2595	proteomics_log	1314530	1314583	-	6	2	K.AAIDAGAAGAISGSAIVK.I	22
PLOG-2596	proteomics_log	1314584	1314649	-	6	41	K.LKEYNAAPPLQGFGISAPDQVK.A	26
PLOG-2597	proteomics_log	1314584	1314682	-	6	4	R.AALPLNHLVAKLKEYNAAPPLQGFGISAPDQVK.A	37
PLOG-2598	proteomics_log	1314650	1314673	-	6	2	L.PLNHLVAK.L	12
PLOG-2599	proteomics_log	1314650	1314682	-	6	87	R.AALPLNHLVAK.L	15
PLOG-2600	proteomics_log	1314650	1314709	-	6	2	R.AGVTGAENRAALPLNHLVAK.L	24
PLOG-2601	proteomics_log	1314683	1314709	-	6	50	R.AGVTGAENR.A	13
PLOG-2602	proteomics_log	1314710	1314733	-	6	2	R.GYTYLLSR.A	12
PLOG-2603	proteomics_log	1314812	1314886	-	6	4	K.VGVDSVLVADVPEESAPFRQAALR.H	29
PLOG-2604	proteomics_log	1314827	1314886	-	6	68	K.VGVDSVLVADVPEESAPFR.Q	24
PLOG-2605	proteomics_log	1314896	1314919	-	6	3	K.GIDEFYAQ.C	12
PLOG-2606	proteomics_log	1314920	1314979	-	6	2	R.QKHPTIPIGLLM*YANLVFNK.G	25
PLOG-2607	proteomics_log	1314920	1314979	-	6	11	R.QKHPTIPIGLLMYANLVFNK.G	24
PLOG-2608	proteomics_log	1314980	1315036	-	6	4	R.AFAAGVTPAQCFEMLALIR.Q	23
PLOG-2609	proteomics_log	1315037	1315090	-	6	4	I.PFSDPLADGPTIQNATLR.A	22
PLOG-2610	proteomics_log	1315037	1315141	-	6	60	K.IIDTLIEAGADALELGIPFSDPLADGPTIQNATLR.A	39
PLOG-2611	proteomics_log	1315037	1315162	-	6	19	P.GIEQSLKIIDTLIEAGADALELGIPFSDPLADGPTIQNATLR.A	46
PLOG-2612	proteomics_log	1315046	1315141	-	6	2	K.IIDTLIEAGADALELGIPFSDPLADGPTIQNA.T	36
PLOG-2613	proteomics_log	1315142	1315201	-	6	25	K.EGAFVFPVTLGDPGIEQSLK.I	24
PLOG-2614	proteomics_log	1315142	1315204	-	6	59	R.KEGAFVFPVTLGDPGIEQSLK.I	25
PLOG-2615	proteomics_log	1315202	1315246	-	6	4	L.MERYESLFAQLKERK.E	19
PLOG-2616	proteomics_log	1315202	1315246	-	6	4	L.MERYESLFAQLKERK.E	19
PLOG-2617	proteomics_log	1315205	1315237	-	6	18	R.YESLFAQLKERK.K	15

PLOG-2618	proteomics_log	1315205	1315246	-	6	2	L.M*ERYESLFAQLKER.K	19
PLOG-2619	proteomics_log	1315205	1315246	-	6	50	L.MERYESLFAQLKER.K	18
PLOG-2620	proteomics_log	1315205	1315246	-	6	2	L.M*ERYESLFAQLKER.K	19
PLOG-2621	proteomics_log	1315205	1315246	-	6	50	L.MERYESLFAQLKER.K	18
PLOG-2622	proteomics_log	1315211	1315237	-	6	4	R.YESLFAQLK.E	13
PLOG-2623	proteomics_log	1315264	1315302	-	5	8	R.GDKDIFTVHDILK.A	17
PLOG-2624	proteomics_log	1315264	1315359	-	5	4	K.M*M*RENPDKEQLLVNLSGRGDKDIFTVHDILK.A	38
PLOG-2625	proteomics_log	1315429	1315476	-	5	26	R.ADYVSITDDEALEAFK.T	20
PLOG-2626	proteomics_log	1315783	1315821	-	5	60	R.MIGEETKAQILER.E	17
PLOG-2627	proteomics_log	1316017	1316046	-	5	83	R.IYMGAKDVER.Q	14
PLOG-2628	proteomics_log	1316053	1316130	-	5	37	K.TEIIAETGAGQHGVASALASALLGLK.C	30
PLOG-2629	proteomics_log	1316053	1316139	-	5	6	R.M*GKTEIIAETGAGQHGVASALASALLGLK.C	34
PLOG-2630	proteomics_log	1316053	1316139	-	5	149	R.MGKTEIIAETGAGQHGVASALASALLGLK.C	33
PLOG-2631	proteomics_log	1316053	1316142	-	5	19	K.RM*GKTEIIAETGAGQHGVASALASALLGLK.C	35
PLOG-2632	proteomics_log	1316053	1316142	-	5	186	K.RMGKTEIIAETGAGQHGVASALASALLGLK.C	34
PLOG-2633	proteomics_log	1316140	1316208	-	5	4	R.EDLLHGGAHKTNQVLGQALLAKR.M	27
PLOG-2634	proteomics_log	1316143	1316211	-	5	8	K.REDLLHGGAHKTNQVLGQALLAKR.R	27
PLOG-2635	proteomics_log	1316257	1316289	-	5	99	K.NYAGRPTALTK.C	15
PLOG-2636	proteomics_log	1316257	1316361	-	5	4	R.QLEEFVSAQKDFEQAFNDLLKNYAGRPTALTK.C	39
PLOG-2637	proteomics_log	1316290	1316361	-	5	56	R.QLEEFVSAQKDFEQAFNDLLK.N	28
PLOG-2638	proteomics_log	1316362	1316436	-	5	3	M.TTLLNPYFGEFGGM*YVPQILMPALR.Q	30
PLOG-2639	proteomics_log	1316362	1316436	-	5	3	M.TTLLNPYFGEFGGM*YVPQILM*PALR.Q	30
PLOG-2640	proteomics_log	1316362	1316436	-	5	3	M.TTLLNPYFGEFGGM*YVPQILM*PALR.Q	31
PLOG-2641	proteomics_log	1316362	1316436	-	5	247	M.TTLLNPYFGEFGGM*YVPQILMPALR.Q	29
PLOG-2642	proteomics_log	1316362	1316439	-	5	2	T.MTLLNPYFGEFGGM*YVPQILMPALR.Q	30
PLOG-2643	proteomics_log	1316454	1316489	-	4	3	R.LLASVFQTLRAY.-	16
PLOG-2644	proteomics_log	1316460	1316489	-	4	23	R.LLASVFQTLR.A	14
PLOG-2645	proteomics_log	1316772	1316837	-	4	3	K.VLSLAAVQLHGNEEQLYIDTLR.E	26
PLOG-2646	proteomics_log	1316838	1316873	-	4	19	R.NHDIADVVDKAK.V	16
PLOG-2647	proteomics_log	1317060	1317137	-	4	3	R.ELSHFANGFLIGSALMAHDDLHAAVR.R	30
PLOG-2648	proteomics_log	1317294	1317368	-	4	4	R.QLAAVAHSLEMGVLTVEVSNEEEQER.A	29
PLOG-2649	proteomics_log	1317669	1317698	-	4	5	R.HFYDALQGAR.T	14
PLOG-2650	proteomics_log	1317699	1317752	-	4	3	R.KQQQPLASFQNEVQPSTR.H	22
PLOG-2651	proteomics_log	1317816	1317860	-	4	2	R.SGSAYDRVTAALARG.-	19
PLOG-2652	proteomics_log	1317918	1317986	-	4	2	R.LLQKGDAEAHAANAANVAMLMR.L	27
PLOG-2653	proteomics_log	1318191	1318262	-	4	9	P.AHPPLALIGVYSPELVLPJAETLR.V	28
PLOG-2654	proteomics_log	1318191	1318298	-	4	126	R.TLFNVLGPLINPAHPPLALIGVYSPELVLPJAETLR.V	40
PLOG-2655	proteomics_log	1319313	1319342	-	4	5	R.SNGHNVVYIR.N	14
PLOG-2656	proteomics_log	1319343	1319405	-	4	59	M.ADILLLDNIDSFTYNLADQLR.S	25
PLOG-2657	proteomics_log	1319411	1319446	-	6	17	R.AIATAHHAQETF.-	16
PLOG-2658	proteomics_log	1319414	1319446	-	6	3	R.AIATAHHAQETF.F	15
PLOG-2659	proteomics_log	1319639	1319671	-	6	7	R.AMQLIAEAEGR.R	15
PLOG-2660	proteomics_log	1319717	1319764	-	6	7	R.VVGELRHDLDALHAYR.A	20
PLOG-2661	proteomics_log	1319861	1319911	-	6	5	R.TDHKELSEHMLMLDLAR.N	21
PLOG-2662	proteomics_log	1319930	1319968	-	6	2	R.RADGSLDRDLDSR.I	17
PLOG-2663	proteomics_log	1320359	1320406	-	6	5	K.KSTRIQASLFAPNEEE.K	20

PLOG-2664	proteomics_log	1321665	1321706	-	4	2	N.WLCRTQQGNAQNDR.A	18
PLOG-2665	proteomics_log	1337038	1337154	-	5	4	K.LPTPWGDFLMVGFEELATGHDHVALVYGDISGHTPVLAR.V	43
PLOG-2666	proteomics_log	1341681	1341713	-	4	3	R.FNRVITDSKIR.A	15
PLOG-2667	proteomics_log	1341993	1342040	-	4	4	K.NVTIITVSSYIAHLLK.D	20
PLOG-2668	proteomics_log	1342062	1342148	-	4	4	R.ELAEFAASLVQPGETIFIENGSSNALLAR.T	33
PLOG-2669	proteomics_log	1342296	1342358	-	4	4	R.QQTILQMVIDQGQVSVTDLAK.A	25
PLOG-2670	proteomics_log	1342511	1342597	-	6	10	R.IDIVLDILVAGDYHSAIHNLEILKAELLR.Q	33
PLOG-2671	proteomics_log	1342511	1342609	-	6	4	R.VAERIDIVLDILVAGDYHSAIHNLEILKAELLR.Q	37
PLOG-2672	proteomics_log	1345005	1345028	-	4	2	R.SIIARPVA.-	12
PLOG-2673	proteomics_log	1345041	1345085	-	4	12	V.YKVTDVIDVTIAEVR.M	19
PLOG-2674	proteomics_log	1345218	1345247	-	4	7	R.FAAEIVDISR.G	14
PLOG-2675	proteomics_log	1345335	1345400	-	4	4	K.AVIKGETATRQPDEITVQMAER.R	26
PLOG-2676	proteomics_log	1345410	1345433	-	4	4	K.YGDMINHR.L	12
PLOG-2677	proteomics_log	1345410	1345433	-	4	4	K.YGDM*INHR.L	13
PLOG-2678	proteomics_log	1345536	1345574	-	4	39	R.ELDAQPTGFLDSR.I	17
PLOG-2679	proteomics_log	1345641	1345715	-	4	18	K.LGFGIYNVHMGFDPANADALAALLK.T	29
PLOG-2680	proteomics_log	1345641	1345721	-	4	2	R.DKLGFGIYNVHMGFDPANADALAALLK.T	31
PLOG-2681	proteomics_log	1345641	1345730	-	4	15	R.VLRDKLGFYINVHMGFDPANADALAALLK.T	34
PLOG-2682	proteomics_log	1345791	1345823	-	4	6	K.GEVLDIVAEP.R	15
PLOG-2683	proteomics_log	1345791	1345841	-	4	28	R.FILGEKGEVLDIVAEP.R	21
PLOG-2684	proteomics_log	1345923	1346006	-	4	4	K.LVYDQVSDWLENTGDWQPESEIAEQVR.L	32
PLOG-2685	proteomics_log	1346145	1346192	-	4	2	R.AFTNYLPGFNIPM*LPR.E	21
PLOG-2686	proteomics_log	1346145	1346192	-	4	12	R.AFTNYLPGFNIPMLPR.E	20
PLOG-2687	proteomics_log	1346193	1346291	-	4	3	K.ALPDDKLQLIVAIADPTAWIAEGSKLDKAAKIR.A	37
PLOG-2688	proteomics_log	1346199	1346291	-	4	121	K.ALPDDKLQLIVAIADPTAWIAEGSKLDKAAK.I	35
PLOG-2689	proteomics_log	1346208	1346291	-	4	31	K.ALPDDKLQLIVAIADPTAWIAEGSKLDK.A	32
PLOG-2690	proteomics_log	1346217	1346267	-	4	9	Q.LIVAIADPTAWIAEGSK.L	21
PLOG-2691	proteomics_log	1346217	1346291	-	4	23	K.ALPDDKLQLIVAIADPTAWIAEGSK.L	29
PLOG-2692	proteomics_log	1346292	1346369	-	4	9	R.EDLTALDFVTIDSASTEDM*DDALFAK.A	31
PLOG-2693	proteomics_log	1346436	1346513	-	4	25	R.SFYAELTYITFGDDHFVPPWVTLAR.H	30
PLOG-2694	proteomics_log	1346538	1346588	-	4	2	R.GLNHEFKEGDWAVAEM*R.R	22
PLOG-2695	proteomics_log	1346538	1346588	-	4	70	R.GLNHEFKEGDWAVAEMR.R	21
PLOG-2696	proteomics_log	1346649	1346681	-	4	17	R.FVGKVLQKGNDR.L	15
PLOG-2697	proteomics_log	1346682	1346726	-	4	13	R.ESAEPEELVEPFLTR.F	19
PLOG-2698	proteomics_log	1346682	1346759	-	4	70	R.IIAVIHSEKERESAPEELVEPFLTR.F	30
PLOG-2699	proteomics_log	1346727	1346759	-	4	2	R.IIAVIHSEKER.E	15
PLOG-2700	proteomics_log	1346811	1346843	-	4	9	K.GFGFLEVDAQK.S	15
PLOG-2701	proteomics_log	1346874	1346936	-	4	5	I.M*FQDNPLLAQLKQQLHSQTPR.A	26
PLOG-2702	proteomics_log	1346874	1346936	-	4	103	I.MFQDNPLLAQLKQQLHSQTPR.A	25
PLOG-2703	proteomics_log	1346901	1346936	-	4	17	I.MFQDNPLLAQLK.Q	16
PLOG-2704	proteomics_log	1347949	1348029	-	5	12	K.VSDPFLLDVILEKETLAPFLSWLDPAR.V	31
PLOG-2705	proteomics_log	1348410	1348448	-	4	6	K.MLAHCEAVTPIRR.T	17
PLOG-2706	proteomics_log	1348449	1348484	-	4	21	R.TLAASGIKDFRK.M	16
PLOG-2707	proteomics_log	1348452	1348484	-	4	76	R.TLAASGIKDFR.K	15
PLOG-2708	proteomics_log	1348452	1348550	-	4	2	R.YMANAMGPEGVRVNAISAGPIRTLAASGIKDFR.K	37
PLOG-2709	proteomics_log	1348485	1348514	-	4	51	R.VNAISAGPIR.T	14

PLOG-2710	proteomics_log	1348485	1348550	-	4	3	R.YM*ANAMGPEGVRVNAISAGPIR.T	27
PLOG-2711	proteomics_log	1348485	1348550	-	4	4	R.YMANAM*GPEGVRVNAISAGPIR.T	27
PLOG-2712	proteomics_log	1348485	1348550	-	4	3	R.YM*ANAM*GPEGVRVNAISAGPIR.T	28
PLOG-2713	proteomics_log	1348485	1348550	-	4	106	R.YMANAMGPEGVRVNAISAGPIR.T	26
PLOG-2714	proteomics_log	1348515	1348550	-	4	3	R.YMANAM*GPEGVR.V	17
PLOG-2715	proteomics_log	1348515	1348550	-	4	21	R.YMANAMGPEGVR.V	16
PLOG-2716	proteomics_log	1348551	1348574	-	4	16	K.ASLEANVR.Y	12
PLOG-2717	proteomics_log	1348575	1348667	-	4	52	R.SMLNPGSALLTSLYLGAERAI.PNYVMGLAK.A	35
PLOG-2718	proteomics_log	1348605	1348667	-	4	9	R.SMLNPGSALLTSLYLGAERAI.P	25
PLOG-2719	proteomics_log	1348611	1348655	-	4	2	N.PGSALLTSLYLGAER.A	19
PLOG-2720	proteomics_log	1348611	1348667	-	4	88	R.SM*LNPGSALLTSLYLGAER.A	24
PLOG-2721	proteomics_log	1348611	1348667	-	4	510	R.SMLNPGSALLTSLYLGAER.A	23
PLOG-2722	proteomics_log	1348623	1348667	-	4	3	R.SMLNPGSALLTSLYL.G	19
PLOG-2723	proteomics_log	1348623	1348667	-	4	3	R.SM*LNPGSALLTSLYL.G	20
PLOG-2724	proteomics_log	1348632	1348667	-	4	2	R.SM*LNPGSALLTL.S	17
PLOG-2725	proteomics_log	1348638	1348667	-	4	4	R.SM*LNPGSALL.T	15
PLOG-2726	proteomics_log	1348677	1348721	-	4	2	K.IAHDISSYSFVAM*AK.A	20
PLOG-2727	proteomics_log	1348677	1348721	-	4	132	K.IAHDISSYSFVAMAK.A	19
PLOG-2728	proteomics_log	1348677	1348733	-	4	7	R.EGFKIAHDISSYSFVAM*AK.A	24
PLOG-2729	proteomics_log	1348677	1348733	-	4	127	R.EGFKIAHDISSYSFVAMAK.A	23
PLOG-2730	proteomics_log	1348722	1348811	-	4	28	K.FDGFVHSIGFAPGDQLDGDYVNAVTR.EGFK.I	34
PLOG-2731	proteomics_log	1348734	1348811	-	4	152	K.FDGFVHSIGFAPGDQLDGDYVNAVTR.E	30
PLOG-2732	proteomics_log	1348743	1348811	-	4	5	K.FDGFVHSIGFAPGDQLDGDYVNA.V	27
PLOG-2733	proteomics_log	1348923	1348973	-	4	3	R.EGAELAFTYQNDKCLKGR.V	21
PLOG-2734	proteomics_log	1348923	1349012	-	4	3	K.LSIAYGIAQAMHREGAELAFTYQNDKCLKGR.V	34
PLOG-2735	proteomics_log	1348929	1348973	-	4	42	R.EGAELAFTYQNDKCLK.G	19
PLOG-2736	proteomics_log	1348929	1348997	-	4	42	Y.GIAQAMHREGAELAFTYQNDKCLK.G	27
PLOG-2737	proteomics_log	1348974	1349012	-	4	3	K.LSIAYGIAQAM*HR.E	18
PLOG-2738	proteomics_log	1348974	1349012	-	4	134	K.LSIAYGIAQAMHR.E	17
PLOG-2739	proteomics_log	1348974	1349039	-	4	3	R.ILVTVGASKLSIAYGIAQAM*HR.E	27
PLOG-2740	proteomics_log	1348974	1349039	-	4	133	R.ILVTVGASKLSIAYGIAQAMHR.E	26
PLOG-2741	proteomics_log	1348974	1349042	-	4	3	K.RILVTGVASKLSIAYGIAQAMHR.E	27
PLOG-2742	proteomics_log	1348986	1349012	-	4	2	K.LSIAYGIAQ.A	13
PLOG-2743	proteomics_log	1349013	1349039	-	4	164	R.ILVTVGASK.L	13
PLOG-2744	proteomics_log	1349013	1349042	-	4	16	K.RILVTGVASK.L	14
PLOG-2745	proteomics_log	1349013	1349060	-	4	4	M.GFLSGKRILVTGVASK.L	20
PLOG-2746	proteomics_log	1353599	1353673	-	6	3	R.IEAYDEAQSILAQELPILPLASSLR.L	29
PLOG-2747	proteomics_log	1356090	1356197	-	4	2	R.TPALNVIMVGIVALSAFFDLVTATALINFGALVAF.T	40
PLOG-2748	proteomics_log	1362664	1362705	-	5	2	L.FIAVAFVFLFLLFK.C	18
PLOG-2749	proteomics_log	1365823	1365933	-	5	2	M.AEYKDNLLGEANSFLEVLEQVSHLAPLDPVLIIGER.G	41
PLOG-2750	proteomics_log	1378688	1378717	-	6	2	A.GVNGVNARLR.I	14
PLOG-2751	proteomics_log	1386332	1386436	-	6	361	R.AVVVIDENDNVIFSQLVDEITTEPDYEALAVLKA.-	39
PLOG-2752	proteomics_log	1386335	1386436	-	6	15	R.AVVVIDENDNVIFSQLVDEITTEPDYEALAVLKA.A	38
PLOG-2753	proteomics_log	1386437	1386484	-	6	4	A.YGVAIADGPLKGLAAR.A	20
PLOG-2754	proteomics_log	1386437	1386505	-	6	665	R.NAEFLQAYGVAIADGPLKGLAAR.A	27
PLOG-2755	proteomics_log	1386437	1386556	-	6	4	R.FCGAEGLNNVITLSTFRNAEFLQAYGVAIADGPLKGLAAR.A	44

PLOG-2756	proteomics_log	1386452	1386505	-	6	78	R.NAEFLQAYGVAIADGPLK.G	22
PLOG-2757	proteomics_log	1386506	1386550	-	6	3	C.GAEGLNNVITLSTFR.N	19
PLOG-2758	proteomics_log	1386506	1386556	-	6	8	R.FCGAEGLNNVITLSTFR.N	21
PLOG-2759	proteomics_log	1386557	1386637	-	6	5	R.KFNQLATEIDNTVVLCISADLPFAQSR.F	31
PLOG-2760	proteomics_log	1386638	1386691	-	6	18	K.VLNIFPSIDTGVCAASVR.K	22
PLOG-2761	proteomics_log	1386638	1386694	-	6	3	R.KVLNIFPSIDTGVCAASVR.K	23
PLOG-2762	proteomics_log	1386692	1386736	-	6	70	K.DLSDVTLGQFAGKRK.V	19
PLOG-2763	proteomics_log	1386692	1386763	-	6	149	K.AQTFTLVAKDLSDVTLGQFAGKRK.V	28
PLOG-2764	proteomics_log	1386692	1386832	-	6	6	M.SQTVHFQGNPVTVANSIPQAGSKAQTFTLVAKDLSDVTLGQFAGKRK.V	51
PLOG-2765	proteomics_log	1386695	1386736	-	6	90	K.DLSDVTLGQFAGKR.K	18
PLOG-2766	proteomics_log	1386695	1386763	-	6	152	K.AQTFTLVAKDLSDVTLGQFAGKR.K	27
PLOG-2767	proteomics_log	1386695	1386832	-	6	3	M.SQTVHFQGNPVTVANSIPQAGSKAQTFTLVAKDLSDVTLGQFAGKR.K	50
PLOG-2768	proteomics_log	1386698	1386736	-	6	240	K.DLSDVTLGQFAGK.R	17
PLOG-2769	proteomics_log	1386698	1386763	-	6	178	K.AQTFTLVAKDLSDVTLGQFAGK.R	26
PLOG-2770	proteomics_log	1386698	1386799	-	6	47	V.TVANSIPQAGSKAQTFTLVAKDLSDVTLGQFAGK.R	38
PLOG-2771	proteomics_log	1386698	1386832	-	6	6	M.SQTVHFQGNPVTVANSIPQAGSKAQTFTLVAKDLSDVTLGQFAGK.R	49
PLOG-2772	proteomics_log	1386737	1386763	-	6	4	K.AQTFTLVAK.D	13
PLOG-2773	proteomics_log	1386737	1386832	-	6	74	M.SQTVHFQGNPVTVANSIPQAGSKAQTFTLVAK.D	36
PLOG-2774	proteomics_log	1386764	1386832	-	6	329	M.SQTVHFQGNPVTVANSIPQAGSK.A	27
PLOG-2775	proteomics_log	1388506	1388556	-	5	6	R.SLLGAPLIWFPAPAASR.E	21
PLOG-2776	proteomics_log	1389637	1389705	-	5	2	N.WRKRDLSELLMTHLIKVKVAASR.V	27
PLOG-2777	proteomics_log	1395768	1395827	-	4	43	R.TGISAAFLGNTAEQVIDHLR.C	24
PLOG-2778	proteomics_log	1395828	1395905	-	4	22	K.GLPEEVIPDLAEHLQAGIVVLGTVGR.T	30
PLOG-2779	proteomics_log	1396305	1396379	-	4	15	K.VVWHNRPFEAIIQEVISGGHDLVLK.M	29
PLOG-2780	proteomics_log	1396476	1396538	-	4	8	K.AFLPIYDFSYEMTLLSPDER.T	25
PLOG-2781	proteomics_log	1396578	1396643	-	4	3	M.AMYQNMLVVIDPNQDDQPALRR.A	26
PLOG-2782	proteomics_log	1396810	1396863	-	5	3	K.YITIENNDALAQLAGHTR.N	22
PLOG-2783	proteomics_log	1396810	1396869	-	5	10	K.GKYITIENNDALAQLAGHTR.N	24
PLOG-2784	proteomics_log	1396912	1396959	-	5	22	R.GDIGNYLGLTVETISR.L	20
PLOG-2785	proteomics_log	1397014	1397043	-	5	30	R.LAAFIYNLSR.R	14
PLOG-2786	proteomics_log	1397059	1397115	-	5	2	R.LMSGEIKGDQDMILLSSK.N	23
PLOG-2787	proteomics_log	1405682	1405717	-	6	4	K.LLMQDLTFSQLR.T	16
PLOG-2788	proteomics_log	1408077	1408166	-	4	2	A.SVESISIAKGSRCTRPLIAAMASGQVAENR.S	34
PLOG-2789	proteomics_log	1409472	1409519	-	4	5	R.DDILQTLFLNMFYGGK.M	20
PLOG-2790	proteomics_log	1409472	1409540	-	4	10	K.IALGHRRDDILQTLFLNMFYGGK.M	27
PLOG-2791	proteomics_log	1419704	1419724	-	6	4	V.RQSNQR.V	11
PLOG-2792	proteomics_log	1431636	1431677	-	4	2	Y.CRISTLDQTTENQR.R	18
PLOG-2793	proteomics_log	1431636	1431677	-	4	2	Y.CRISTLDQTTENQR.R	18
PLOG-2794	proteomics_log	1431636	1431677	-	4	2	Y.CRISTLDQTTENQR.R	18
PLOG-2795	proteomics_log	1433242	1433331	-	5	6	K.KIPAHM*IIIASHRPDITTYLLGSNAAAVVR.H	35
PLOG-2796	proteomics_log	1433242	1433331	-	5	25	K.KIPAHMIIIASHRPDITTYLLGSNAAAVVR.H	34
PLOG-2797	proteomics_log	1433350	1433388	-	5	6	R.VHVHVEEGSPKDR.I	17
PLOG-2798	proteomics_log	1433356	1433388	-	5	4	R.VHVHVEEGSPK.D	15
PLOG-2799	proteomics_log	1433410	1433436	-	5	20	K.SQLEEIKK.F	13
PLOG-2800	proteomics_log	1433557	1433586	-	5	19	R.VISHVEEEAK.I	14
PLOG-2801	proteomics_log	1433587	1433634	-	5	153	R.TILVPIDISDSELTQR.V	20

PLOG-2802	proteomics_log	1433587	1433643	-	5	9	F.MNRITLVPIDISDELSTQR.V	23
PLOG-2803	proteomics_log	1434807	1434854	-	4	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2804	proteomics_log	1434807	1434854	-	4	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2805	proteomics_log	1434807	1434854	-	4	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2806	proteomics_log	1434807	1434854	-	4	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2807	proteomics_log	1440115	1440165	-	5	25	R.GALIDSQAAIEALKNQK.I	21
PLOG-2808	proteomics_log	1440514	1440579	-	5	11	R.VPAYDPEAVAEHAIGMMMTLNR.R	26
PLOG-2809	proteomics_log	1440514	1440588	-	5	14	K.VVRVPAYDPEAVAEHAIGMMMTLNR.R	29
PLOG-2810	proteomics_log	1471503	1471577	-	4	3	R.NSRYCCFTSVSAVLFVLPNAIERLL.S	29
PLOG-2811	proteomics_log	1477316	1477363	-	6	3	G.HPRHKKQYLASPVHQR.D	20
PLOG-2812	proteomics_log	1480375	1480446	-	5	7	K.DGPTDLVTPYLSTFLGFIGITDVK.F	28
PLOG-2813	proteomics_log	1480375	1480461	-	5	12	R.GGIHKDGPTDLVTPYLSTFLGFIGITDVK.F	33
PLOG-2814	proteomics_log	1480678	1480761	-	5	5	R.DLAANPIPVLGELVGLRPSDAPLTPR.Q	32
PLOG-2815	proteomics_log	1486666	1486707	-	5	2	H.GRM*PVVTPSARLNK.R	19
PLOG-2816	proteomics_log	1492241	1492309	-	6	3	R.HATLVALPVPGHGAGEPIGILTR.V	27
PLOG-2817	proteomics_log	1492928	1492963	-	6	2	K.TLNELEQLTGAR.L	16
PLOG-2818	proteomics_log	1492928	1493005	-	6	6	R.AAETLNLSQPALSCTLNELEQLTGAR.L	30
PLOG-2819	proteomics_log	1499340	1499444	-	4	5	W.KNPLSLPLPRCKPVVASADTPNEKLQNEALNGWER.Y	39
PLOG-2820	proteomics_log	1505264	1505344	-	6	17	R.MRNVALTRIGHAQCPMNKEFNGRVRS.L	31
PLOG-2821	proteomics_log	1510155	1510238	-	4	2	R.AIISLNAAFIALAVRQILLNKNHLPAR.R	32
PLOG-2822	proteomics_log	1511512	1511577	-	5	5	S.AISPSKTFDVPNTNPNATNGVRGR.I	26
PLOG-2823	proteomics_log	1520922	1521020	-	4	6	A.ADEQTM*IVSAAQVVSSELDTPAAVSVVDGEEM*R.L	39
PLOG-2824	proteomics_log	1531414	1531491	-	5	3	R.LLPATSAQEEYDTLFGVEVVSAAADAR.V	30
PLOG-2825	proteomics_log	1533316	1533393	-	5	3	K.VMIPLKPEVIDALSPDLNALTAK.K	30
PLOG-2826	proteomics_log	1533394	1533480	-	5	16	R.AAIALHLTEDDILPGLPIQVATTGHSK.V	33
PLOG-2827	proteomics_log	1535244	1535270	-	4	4	C.KEDALALIR.R	13
PLOG-2828	proteomics_log	1539054	1539131	-	4	3	K.ITLKSNRTPQPGVSKLPACRASILKP.S	30
PLOG-2829	proteomics_log	1543649	1543702	-	6	3	R.M*KTITLNDNHIAHLNAKN.T	23
PLOG-2830	proteomics_log	1543942	1543989	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2831	proteomics_log	1543942	1543989	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2832	proteomics_log	1543942	1543989	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2833	proteomics_log	1543942	1543989	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-2834	proteomics_log	1550641	1550718	-	5	3	R.VKTLM*KM*ANHPRPGDIIQESLDELNV.S	32
PLOG-2835	proteomics_log	1550876	1550947	-	6	7	K.VALRPLADINTIFTEMEEGKIRGR.M	28
PLOG-2836	proteomics_log	1550882	1550923	-	6	3	D.INTIFTEMEEGKIR.G	18
PLOG-2837	proteomics_log	1550882	1550947	-	6	23	K.VALRPLADINTIFTEMEEGKIR.G	26
PLOG-2838	proteomics_log	1550888	1550947	-	6	4	K.VALRPLADINTIFTEMEEGK.I	24
PLOG-2839	proteomics_log	1550960	1551049	-	6	6	R.LVLDGIEVVGSLVGRQDLTEAFQFAAEGK.V	34
PLOG-2840	proteomics_log	1551113	1551145	-	6	5	K.AAFNSAVDAVR.A	15
PLOG-2841	proteomics_log	1551146	1551187	-	6	14	K.TGGAHAAVVTAVAK.A	18
PLOG-2842	proteomics_log	1551263	1551298	-	6	2	K.VIAIDVNDEQLK.L	16
PLOG-2843	proteomics_log	1551317	1551388	-	6	3	K.IRPGQWIAIYGLGGLGNLALQYAK.N	28
PLOG-2844	proteomics_log	1552020	1552079	-	4	3	K.TSAEALQQAIDNFWQAEYR.D	24
PLOG-2845	proteomics_log	1552080	1552109	-	4	21	K.MAQQQGVAVK.T	14
PLOG-2846	proteomics_log	1552143	1552250	-	4	3	R.ITDEMLMSASETLAQYSPLVNGEGMVLPELKDIQK.V	40
PLOG-2847	proteomics_log	1552557	1552616	-	4	13	R.ENLSDWDTSDVLSLLDVVR.N	24

PLOG-2848	proteomics_log	1552632	1552682	-	4	3	R.FGLLTDKMPNLLPFQTK.L	21
PLOG-2849	proteomics_log	1552632	1552700	-	4	2	K.VFMVDRFGLLTDKMPNLLPFQTK.L	27
PLOG-2850	proteomics_log	1552989	1553042	-	4	13	R.ITDDEYEFVDEFIQAVK.Q	22
PLOG-2851	proteomics_log	1553069	1553149	-	6	3	P.VAASARRIPFRWCWMSERTTNSCLTIR.C	31
PLOG-2852	proteomics_log	1553517	1553579	-	4	72	R.NFNLLGLLPEVVETIEEQAER.A	25
PLOG-2853	proteomics_log	1553517	1553582	-	4	40	R.RNFNLLGLLPEVVETIEEQAER.A	26
PLOG-2854	proteomics_log	1553610	1553666	-	4	67	R.SLYIPYAGPVLLFPLLNK.G	23
PLOG-2855	proteomics_log	1558958	1559014	-	6	2	K.GFVFNPMLEQVFNINTMSK.-	23
PLOG-2856	proteomics_log	1568678	1568710	-	6	4	K.LQGIAQQNSFK.H	15
PLOG-2857	proteomics_log	1568678	1568710	-	6	4	K.LQGIAQQNSFK.H	15
PLOG-2858	proteomics_log	1568678	1568731	-	6	4	K.YLSDHPKLQGIAQQNSFK.H	22
PLOG-2859	proteomics_log	1568678	1568731	-	6	4	K.YLSDHPKLQGIAQQNSFK.H	22
PLOG-2860	proteomics_log	1568732	1568788	-	6	13	R.GFEMDFAELLEDYKASLK.Y	23
PLOG-2861	proteomics_log	1568732	1568788	-	6	13	R.GFEMDFAELLEDYKASLK.Y	23
PLOG-2862	proteomics_log	1568732	1568791	-	6	12	R.RGFEMDFAELLEDYKASLK.Y	24
PLOG-2863	proteomics_log	1568732	1568791	-	6	12	R.RGFEMDFAELLEDYKASLK.Y	24
PLOG-2864	proteomics_log	1568744	1568788	-	6	3	R.GFEMDFAELLEDYK.A	19
PLOG-2865	proteomics_log	1568744	1568788	-	6	3	R.GFEMDFAELLEDYK.A	19
PLOG-2866	proteomics_log	1568993	1569046	-	6	8	K.VQNASYQVAAYLADEIAK.L	22
PLOG-2867	proteomics_log	1568993	1569046	-	6	8	K.VQNASYQVAAYLADEIAK.L	22
PLOG-2868	proteomics_log	1569536	1569556	-	6	7	R.YWDVELR.E	11
PLOG-2869	proteomics_log	1569536	1569556	-	6	7	R.YWDVELR.E	11
PLOG-2870	proteomics_log	1569773	1569847	-	6	27	K.LMDLSINKNWIDKEEYPQSAIDL.R.C	29
PLOG-2871	proteomics_log	1569773	1569847	-	6	27	K.LMDLSINKNWIDKEEYPQSAIDL.R.C	29
PLOG-2872	proteomics_log	1569899	1569955	-	6	8	R.DDVAFAQIINDELYLDGNAR.Q	23
PLOG-2873	proteomics_log	1569899	1569955	-	6	8	R.DDVAFAQIINDELYLDGNAR.Q	23
PLOG-2874	proteomics_log	1569899	1569979	-	6	6	K.RFPLHEM*RDDVAFAQIINDELYLDGNAR.Q	32
PLOG-2875	proteomics_log	1569899	1569979	-	6	16	K.RFPLHEMRDDVAFAQIINDELYLDGNAR.Q	31
PLOG-2876	proteomics_log	1569899	1569979	-	6	6	K.RFPLHEM*RDDVAFAQIINDELYLDGNAR.Q	32
PLOG-2877	proteomics_log	1569899	1569979	-	6	16	K.RFPLHEMRDDVAFAQIINDELYLDGNAR.Q	31
PLOG-2878	proteomics_log	1569980	1570006	-	6	2	K.SISTIAESK.R	13
PLOG-2879	proteomics_log	1570007	1570069	-	6	4	K.MDKKQVTDLRSELLDSRFGAK.S	25
PLOG-2880	proteomics_log	1572222	1572266	-	4	2	R.IQSGELKTISGGTAR.S	19
PLOG-2881	proteomics_log	1583782	1583835	-	5	2	R.M*LTSLRALVKRGAKM*IAI.N	24
PLOG-2882	proteomics_log	1608621	1608653	-	4	3	R.IIQFGEGNFLR.A	15
PLOG-2883	proteomics_log	1611753	1611791	-	4	2	R.FDLRDELHHQVEK.T	17
PLOG-2884	proteomics_log	1623725	1623772	-	6	16	K.GYEMSELLSAALLDMR.W	20
PLOG-2885	proteomics_log	1623725	1623793	-	6	3	R.NASLFNKGEMSELLSAALLDMR.W	27
PLOG-2886	proteomics_log	1623959	1624051	-	6	3	K.PAAGEPALLLWDDVITLHFHEFGHTLHGLFAR.Q	35
PLOG-2887	proteomics_log	1624499	1624528	-	6	3	K.TPEAALNFM.R.E	14
PLOG-2888	proteomics_log	1624550	1624597	-	6	6	R.AQQATLLGFPHYAAWK.I	20
PLOG-2889	proteomics_log	1624703	1624756	-	6	6	K.WLIPLNTTQQPALAEMR.D	22
PLOG-2890	proteomics_log	1624772	1624861	-	6	25	K.SGGLVVNDIAQLAGMSEQEIALAAEAAREK.G	34
PLOG-2891	proteomics_log	1624772	1624879	-	6	2	R.LLAANKSGGLVVNDIAQLAGMSEQEIALAAEAAREK.G	40
PLOG-2892	proteomics_log	1624778	1624831	-	6	4	A.QLAGMSEQEIALAAEAAR.E	22
PLOG-2893	proteomics_log	1624778	1624861	-	6	3	K.SGGLVVNDIAQLAGM*SEQEIALAAEAAR.E	33

PLOG-2894	proteomics_log	1624778	1624861	-	6	43	K.SGGLVNDIAQLAGMSEQEIALAAEAAR.E	32
PLOG-2895	proteomics_log	1624778	1624879	-	6	9	R.LLAANKSGGLVNDIAQLAGMSEQEIALAAEAAR.E	38
PLOG-2896	proteomics_log	1624880	1624927	-	6	3	K.VLNTEAATLTSQFNQR.L	20
PLOG-2897	proteomics_log	1625060	1625134	-	6	7	R.LDEQFSAELAELANDIYLNGLFAR.V	29
PLOG-2898	proteomics_log	1625192	1625287	-	6	2	K.RAEIAIALNPQMPDFNNTILALEQSGELLTR.V	36
PLOG-2899	proteomics_log	1635636	1635677	-	4	27	K.MTGLESYDVKINLI.-	18
PLOG-2900	proteomics_log	1635636	1635683	-	4	5	R.EKMTGLESYDVKINLI.-	20
PLOG-2901	proteomics_log	1635636	1635677	-	4	27	K.MTGLESYDVKINLI.-	18
PLOG-2902	proteomics_log	1635636	1635683	-	4	5	R.EKMTGLESYDVKINLI.-	20
PLOG-2903	proteomics_log	1635648	1635677	-	4	11	K.MTGLESYDVK.I	14
PLOG-2904	proteomics_log	1635648	1635677	-	4	11	K.MTGLESYDVK.I	14
PLOG-2905	proteomics_log	1635648	1635683	-	4	12	R.EKMTGLESYDVK.I	16
PLOG-2906	proteomics_log	1635648	1635683	-	4	12	R.EKMTGLESYDVK.I	16
PLOG-2907	proteomics_log	1635648	1635677	-	4	11	K.MTGLESYDVK.I	14
PLOG-2908	proteomics_log	1635648	1635683	-	4	12	R.EKMTGLESYDVK.I	16
PLOG-2909	proteomics_log	1635684	1635722	-	4	10	K.TGKEVTSIQFTAR.E	17
PLOG-2910	proteomics_log	1635684	1635725	-	4	5	K.KTGKEVTSIQFTAR.E	18
PLOG-2911	proteomics_log	1635684	1635728	-	4	5	K.KKTGKEVTSIQFTAR.E	19
PLOG-2912	proteomics_log	1635684	1635743	-	4	7	K.IIELKKKTGKEVTSIQFTAR.E	24
PLOG-2913	proteomics_log	1635684	1635722	-	4	10	K.TGKEVTSIQFTAR.E	17
PLOG-2914	proteomics_log	1635684	1635725	-	4	5	K.KTGKEVTSIQFTAR.E	18
PLOG-2915	proteomics_log	1635684	1635728	-	4	5	K.KKTGKEVTSIQFTAR.E	19
PLOG-2916	proteomics_log	1635684	1635743	-	4	7	K.IIELKKKTGKEVTSIQFTAR.E	24
PLOG-2917	proteomics_log	1635735	1635815	-	4	3	K.EEMMNLENLTKAEADISEYITKKIIE.L	31
PLOG-2918	proteomics_log	1635735	1635815	-	4	3	K.EEMMNLENLTKAEADISEYITKKIIE.L	31
PLOG-2919	proteomics_log	1635744	1635779	-	4	3	K.AEADISEYITKK.I	16
PLOG-2920	proteomics_log	1635744	1635785	-	4	39	K.TKAEADISEYITKK.I	18
PLOG-2921	proteomics_log	1635744	1635806	-	4	55	M.MNIENLTKAEADISEYITKK.I	25
PLOG-2922	proteomics_log	1635744	1635779	-	4	3	K.AEADISEYITKK.I	16
PLOG-2923	proteomics_log	1635744	1635785	-	4	39	K.TKAEADISEYITKK.I	18
PLOG-2924	proteomics_log	1635744	1635806	-	4	55	M.MNIENLTKAEADISEYITKK.I	25
PLOG-2925	proteomics_log	1635747	1635779	-	4	3	K.AEADISEYITK.K	15
PLOG-2926	proteomics_log	1635747	1635785	-	4	25	K.TKAEADISEYITK.K	17
PLOG-2927	proteomics_log	1635747	1635806	-	4	63	M.MNIENLTKAEADISEYITK.K	24
PLOG-2928	proteomics_log	1635747	1635779	-	4	3	K.AEADISEYITK.K	15
PLOG-2929	proteomics_log	1635747	1635785	-	4	25	K.TKAEADISEYITK.K	17
PLOG-2930	proteomics_log	1635747	1635806	-	4	63	M.MNIENLTKAEADISEYITK.K	24
PLOG-2931	proteomics_log	1635780	1635806	-	4	12	M.MNIENLTKK.A	13
PLOG-2932	proteomics_log	1635780	1635806	-	4	12	M.MNIENLTKK.A	13
PLOG-2933	proteomics_log	1635786	1635806	-	4	8	M.MNIENLK.T	11
PLOG-2934	proteomics_log	1635786	1635806	-	4	8	M.MNIENLK.T	11
PLOG-2935	proteomics_log	1639453	1639494	-	5	2	K.DVFBVHFSAIQNDNY.R	18
PLOG-2936	proteomics_log	1639453	1639494	-	5	2	K.DVFBVHFSAIQNDNY.R	18
PLOG-2937	proteomics_log	1639495	1639548	-	5	2	K.WFNADKGFISPDGSK.D	22
PLOG-2938	proteomics_log	1639495	1639548	-	5	2	K.WFNADKGFISPDGSK.D	22
PLOG-2939	proteomics_log	1643702	1643800	-	6	7	R.LMLEYIADNERLPFKQTLLSDEDAELVEIVKER.L	37

PLOG-2940	proteomics_log	1643702	1643800	-	6	7	R.LMLEYIADNERLPFKQTLLSDEDAELVEIVKER.L	37
PLOG-2941	proteomics_log	1665181	1665231	-	5	2	R.FFITGTDTSVVGKTVVSR.A	21
PLOG-2942	proteomics_log	1669514	1669597	-	6	5	R.IFMMLFSRLRFLGRCCFMLFFMMCSFRR.R	32
PLOG-2943	proteomics_log	1672999	1673028	-	5	21	K.ASVDAILKAL.-	14
PLOG-2944	proteomics_log	1672999	1673109	-	5	10	R.SM*NTGYAGVQNPLFFKENTHM*LFGDAKASVDAILKAL.-	43
PLOG-2945	proteomics_log	1672999	1673109	-	5	153	R.SMNTGYAGVQNPLFFKENTHMLFGDAKASVDAILKAL.-	41
PLOG-2946	proteomics_log	1672999	1673112	-	5	2	K.RSMNTGYAGVQNPLFFKENTHMLFGDAKASVDAILKAL.-	42
PLOG-2947	proteomics_log	1673005	1673109	-	5	3	R.SM*NTGYAGVQNPLFFKENTHMLFGDAKASVDAILK.A	40
PLOG-2948	proteomics_log	1673005	1673109	-	5	27	R.SMNTGYAGVQNPLFFKENTHMLFGDAKASVDAILK.A	39
PLOG-2949	proteomics_log	1673029	1673109	-	5	4	R.SM*NTGYAGVQNPLFFKENTHMLFGDAK.A	32
PLOG-2950	proteomics_log	1673029	1673109	-	5	4	R.SM*NTGYAGVQNPLFFKENTHM*LFGDAK.A	33
PLOG-2951	proteomics_log	1673029	1673109	-	5	5	R.SMNTGYAGVQNPLFFKENTHM*LFGDAK.A	32
PLOG-2952	proteomics_log	1673029	1673109	-	5	128	R.SMNTGYAGVQNPLFFKENTHMLFGDAK.A	31
PLOG-2953	proteomics_log	1673110	1673136	-	5	29	K.AQNVIVFKR.S	13
PLOG-2954	proteomics_log	1673137	1673175	-	5	2	K.SPIAGMPVLEVWK.A	17
PLOG-2955	proteomics_log	1673296	1673334	-	5	13	R.LPGHMNVLLAEAK.V	17
PLOG-2956	proteomics_log	1673296	1673361	-	5	4	R.FGIHPVAGRLPGHM*NVLLAEAK.V	27
PLOG-2957	proteomics_log	1673296	1673361	-	5	5	R.FGIHPVAGRLPGHMNVLLAEAK.V	26
PLOG-2958	proteomics_log	1673335	1673361	-	5	4	R.FGIHPVAGR.L	13
PLOG-2959	proteomics_log	1673383	1673472	-	5	2	K.NSHSVIITPGYGMVAQAQYPVAEITEKLR.A	34
PLOG-2960	proteomics_log	1674920	1675003	-	6	27	K.VIGYTDLPGRPTQSSQLYGTNLVNLK.L	32
PLOG-2961	proteomics_log	1675133	1675186	-	6	21	K.EVDIIVTTALIPGKPAPK.L	22
PLOG-2962	proteomics_log	1675133	1675243	-	6	6	K.VM*SDAFIKAEM*ELFAAQAKEVDIIVTTALIPGKPAPK.L	43
PLOG-2963	proteomics_log	1675133	1675243	-	6	68	K.VMSDAFIKAEMELFAAQAKEVDIIVTTALIPGKPAPK.L	41
PLOG-2964	proteomics_log	1675187	1675219	-	6	7	K.AEMELFAAQAK.E	15
PLOG-2965	proteomics_log	1675187	1675243	-	6	2	K.VM*SDAFIKAEM*ELFAAQAK.E	25
PLOG-2966	proteomics_log	1675187	1675243	-	6	35	K.VMSDAFIKAEMELFAAQAK.E	23
PLOG-2967	proteomics_log	1675352	1675426	-	6	6	K.VM*VIGAGVAGLAAIGAANSLGAIVR.A	30
PLOG-2968	proteomics_log	1675352	1675426	-	6	56	K.VMVIGAGVAGLAAIGAANSLGAIVR.A	29
PLOG-2969	proteomics_log	1675352	1675441	-	6	5	K.VPPAKVMVIGAGVAGLAAIGAANSLGAIVR.A	34
PLOG-2970	proteomics_log	1675352	1675474	-	6	8	R.FFTGQITAAGKVPPAKVMVIGAGVAGLAAIGAANSLGAIVR.A	45
PLOG-2971	proteomics_log	1675442	1675474	-	6	15	R.FFTGQITAAGK.V	15
PLOG-2972	proteomics_log	1675475	1675507	-	6	58	R.AIVEAAHEFGR.F	15
PLOG-2973	proteomics_log	1675475	1675558	-	6	57	R.AQSLDALSSMANIAGYRAIVEAAHEFGR.F	32
PLOG-2974	proteomics_log	1675508	1675558	-	6	2	R.AQSLDALSSM*ANIAGYR.A	22
PLOG-2975	proteomics_log	1675508	1675558	-	6	127	R.AQSLDALSSMANIAGYR.A	21
PLOG-2976	proteomics_log	1675508	1675567	-	6	2	R.ISRAQSLDALSSM*ANIAGYR.A	25
PLOG-2977	proteomics_log	1675568	1675603	-	6	2	R.NVTVM*AMDSVPR.I	17
PLOG-2978	proteomics_log	1675568	1675603	-	6	86	R.NVTVMAMDSVPR.I	16
PLOG-2979	proteomics_log	1675616	1675714	-	6	20	K.VNAPLDDEIALLNPGTTLVSFIWPAQNPELMQK.L	37
PLOG-2980	proteomics_log	1675784	1675882	-	6	5	R.VAATPKTVEQLLKLGFVAVESGAGQLASFDDK.A	37
PLOG-2981	proteomics_log	1675844	1675864	-	6	2	K.TVEQLLK.L	11
PLOG-2982	proteomics_log	1675844	1675882	-	6	27	R.VAATPKTVEQLLK.L	17
PLOG-2983	proteomics_log	1675865	1675900	-	6	2	R.LTNETRVAATPK.T	16
PLOG-2984	proteomics_log	1675883	1675906	-	6	13	R.ERLTNETR.V	12
PLOG-2985	proteomics_log	1676468	1676542	-	6	2	A.ACSGVSSVAALTENAI AESSADARR.V	29

PLOG-2986	proteomics_log	1683881	1683973	-	6	2	K.HIEYSLPHVAELALGGTAVGTGLNTHPEYAR.R	35
PLOG-2987	proteomics_log	1683974	1684054	-	6	91	R.THLQDATPLTLGQEISGWVAMLEHNLK.H	31
PLOG-2988	proteomics_log	1683974	1684063	-	6	2	K.IGRTHLQDATPLTLGQEISGWVAMLEHNLK.H	34
PLOG-2989	proteomics_log	1684085	1684117	-	6	6	K.TLTQTLNEKSR.A	15
PLOG-2990	proteomics_log	1684091	1684117	-	6	4	K.TLTQTLNEK.S	13
PLOG-2991	proteomics_log	1684205	1684234	-	6	15	R.KVHPNDDVVK.S	14
PLOG-2992	proteomics_log	1684247	1684273	-	6	6	R.ASELLGGVR.G	13
PLOG-2993	proteomics_log	1684406	1684441	-	6	6	K.VNEDLGLLSEEK.A	16
PLOG-2994	proteomics_log	1684454	1684510	-	6	3	R.ISTEKM*PTSLIHALALTKR.A	24
PLOG-2995	proteomics_log	1684454	1684510	-	6	8	R.ISTEKMPTSLIHALALTKR.A	23
PLOG-2996	proteomics_log	1684457	1684495	-	6	3	K.MPTSLIHALALTK.R	17
PLOG-2997	proteomics_log	1684457	1684510	-	6	7	R.ISTEKMPTSLIHALALTK.R	22
PLOG-2998	proteomics_log	1684529	1684597	-	6	20	R.SEKDSMGVIDVPADKLGWAQTQR.S	27
PLOG-2999	proteomics_log	1684529	1684612	-	6	2	V.MNTVRSEKDSMGVIDVPADKLGWAQTQR.S	32
PLOG-3000	proteomics_log	1684908	1684973	-	4	70	K.HGGFYLGSIGGPAAVLAQGSIK.S	26
PLOG-3001	proteomics_log	1684908	1684976	-	4	7	K.KHGGFYLGSIGGPAAVLAQGSIK.S	27
PLOG-3002	proteomics_log	1685013	1685072	-	4	3	R.M*DSYVDQLQAQGGSM*IM*LAK.G	27
PLOG-3003	proteomics_log	1685013	1685072	-	4	20	R.MDSYVDQLQAQGGSMIMLAK.G	24
PLOG-3004	proteomics_log	1685073	1685123	-	4	3	K.TPEGYASGSLGPTTAGR.M	21
PLOG-3005	proteomics_log	1685193	1685222	-	4	7	R.DIAHAKLKER.M	14
PLOG-3006	proteomics_log	1685193	1685255	-	4	6	R.LSLNGTIIVGRDIAHAKLKER.M	25
PLOG-3007	proteomics_log	1685205	1685255	-	4	10	R.LSLNGTIIVGRDIAHAK.L	21
PLOG-3008	proteomics_log	1685223	1685255	-	4	10	R.LSLNGTIIVGR.D	15
PLOG-3009	proteomics_log	1685256	1685321	-	4	26	R.VDLNRPKEILAQLSQYPVSTR.L	26
PLOG-3010	proteomics_log	1685256	1685321	-	4	26	R.VDLNRPKEILAQLSQYPVSTR.L	26
PLOG-3011	proteomics_log	1685256	1685345	-	4	54	K.AGEGEAVRVDLNRPMKEILAQLSQYPVSTR.L	34
PLOG-3012	proteomics_log	1685526	1685597	-	4	8	R.DVELEKELLIEAQNGLGAQFGGK.Y	28
PLOG-3013	proteomics_log	1685757	1685801	-	4	33	K.ALLTPGKLNKYLVEK.M	19
PLOG-3014	proteomics_log	1685802	1685846	-	4	102	K.GGGSANKTYLYQETK.A	19
PLOG-3015	proteomics_log	1685802	1685846	-	4	102	K.GGGSANKTYLYQETK.A	19
PLOG-3016	proteomics_log	1685967	1686002	-	4	45	R.GVYNTYIEDNLR.Y	16
PLOG-3017	proteomics_log	1685967	1686002	-	4	45	R.GVYNTYIEDNLR.Y	16
PLOG-3018	proteomics_log	1686003	1686041	-	4	108	R.VWTGGGDEAALAR.G	17
PLOG-3019	proteomics_log	1686246	1686272	-	4	2	A.PEALTLLAR.Q	13
PLOG-3020	proteomics_log	1686246	1686278	-	4	170	K.VAPEALTLLAR.Q	15
PLOG-3021	proteomics_log	1687993	1688049	-	5	2	V.LITHFQVGFRCQFELRVR.L	23
PLOG-3022	proteomics_log	1694771	1694857	-	6	44	R.FREPIEGIHFDYIMVESIVSLTHEAFGQR.A	33
PLOG-3023	proteomics_log	1695038	1695073	-	6	3	M.M*DNM*QTEAQPTR.T	18
PLOG-3024	proteomics_log	1695471	1695515	-	4	8	R.VNGIAPGAILTDALK.S	19
PLOG-3025	proteomics_log	1695471	1695551	-	4	2	R.NMAFDLGEKNIRVNGIAPGAILTDALK.S	31
PLOG-3026	proteomics_log	1695516	1695551	-	4	2	R.NMAFDLGEKNIR.V	16
PLOG-3027	proteomics_log	1695552	1695575	-	4	16	K.AAASHLVR.N	12
PLOG-3028	proteomics_log	1695609	1695659	-	4	2	K.NGGGVILTITSM*AAENK.N	22
PLOG-3029	proteomics_log	1695660	1695725	-	4	10	R.AYELNVFSFFHLSQLVAPEMEK.N	26
PLOG-3030	proteomics_log	1697570	1697602	-	6	8	K.LKANEPILLIQ.V	15
PLOG-3031	proteomics_log	1701871	1701930	-	5	3	K.GLLAEGVLGEVAYFESHFDR.F	24

PLOG-3032	proteomics_log	1704390	1704458	-	4	10	R.KTAGGITQNGAKRQAQQAHHGGNG.N	27
PLOG-3033	proteomics_log	1706419	1706496	-	5	3	R.AFARFNHNRLCSLGLFLFHPRQSGSN.R	30
PLOG-3034	proteomics_log	1713137	1713214	-	6	40	K.LLQGATLQEALEHVTAAYEIMVTTK.A	30
PLOG-3035	proteomics_log	1714026	1714118	-	4	6	R.KTIASNAITINGEKQSDPEYFFKEEDRLFGR.F	35
PLOG-3036	proteomics_log	1714077	1714118	-	4	9	R.KTIASNAITINGEK.Q	18
PLOG-3037	proteomics_log	1714119	1714181	-	4	9	K.GADLMQALVDSELQPSRGQAR.K	25
PLOG-3038	proteomics_log	1714131	1714181	-	4	24	K.GADLMQALVDSELQPSR.G	21
PLOG-3039	proteomics_log	1714281	1714319	-	4	77	R.LVHGEEGLQAAGR.I	17
PLOG-3040	proteomics_log	1714284	1714319	-	4	5	R.LVHGEEGLQAAK.R	16
PLOG-3041	proteomics_log	1714320	1714352	-	4	52	R.AQYVLAEQVTR.L	15
PLOG-3042	proteomics_log	1714542	1714607	-	4	3	R.RLHQNVFGLTVPLITKADGTK.F	26
PLOG-3043	proteomics_log	1714557	1714604	-	4	4	R.LHQNVFGLTVPLITK.A	20
PLOG-3044	proteomics_log	1714557	1714607	-	4	33	R.RLHQNVFGLTVPLITK.A	21
PLOG-3045	proteomics_log	1714932	1714979	-	4	26	R.KLNTEETVQEWVDKIR.K	20
PLOG-3046	proteomics_log	1714980	1715066	-	4	88	R.FQQAGHKPVALVGGATGLIGDPSFKAER.K	33
PLOG-3047	proteomics_log	1714992	1715066	-	4	25	R.FQQAGHKPVALVGGATGLIGDPSFK.A	29
PLOG-3048	proteomics_log	1714992	1715069	-	4	2	K.RFQQAGHKPVALVGGATGLIGDPSFK.A	30
PLOG-3049	proteomics_log	1715163	1715207	-	4	73	R.GLVAQVTDEEALAER.L	19
PLOG-3050	proteomics_log	1715208	1715243	-	4	28	M.ASSNLIKQLQER.G	16
PLOG-3051	proteomics_log	1715441	1715485	-	6	2	R.VSLEQIEFWQGGEHR.L	19
PLOG-3052	proteomics_log	1715486	1715533	-	6	4	K.FQQGEVPLPSFWGGFR.V	20
PLOG-3053	proteomics_log	1715486	1715554	-	6	2	K.FLELKQKFQQGEVPLPSFWGGFR.V	27
PLOG-3054	proteomics_log	1715702	1715737	-	6	5	R.VSLLFPWHTLER.Q	16
PLOG-3055	proteomics_log	1715738	1715767	-	6	38	R.KAHQIENNPR.V	14
PLOG-3056	proteomics_log	1715831	1715893	-	6	3	K.LADPTAMVVATVDEHGQPYQR.I	25
PLOG-3057	proteomics_log	1715921	1715956	-	6	10	R.DLPADPLTLFER.W	16
PLOG-3058	proteomics_log	1717540	1717605	-	5	3	I.GVMSGTSLDGDVVLATIDEHR.V	26
PLOG-3059	proteomics_log	1718417	1718452	-	6	4	K.LEHNIIELQAKG.-	16
PLOG-3060	proteomics_log	1718417	1718515	-	6	110	R.AEILHGISAELEQLITLIAKLEHNIIELQAKG.-	37
PLOG-3061	proteomics_log	1718420	1718452	-	6	2	K.LEHNIIELQAK.G	15
PLOG-3062	proteomics_log	1718420	1718515	-	6	7	R.AEILHGISAELEQLITLIAKLEHNIIELQAK.G	36
PLOG-3063	proteomics_log	1718453	1718515	-	6	89	R.AEILHGISAELEQLITLIAK.L	25
PLOG-3064	proteomics_log	1718453	1718521	-	6	9	K.TRAEILHGISAELEQLITLIAK.L	27
PLOG-3065	proteomics_log	1718516	1718563	-	6	2	K.AEPLISEMEAVINKTR.A	20
PLOG-3066	proteomics_log	1718516	1718581	-	6	2	R.IKLTEKAEPLISEMEAVINKTR.A	26
PLOG-3067	proteomics_log	1718615	1718653	-	6	11	R.TLDQLEEKGLISR.Q	17
PLOG-3068	proteomics_log	1718654	1718686	-	6	54	K.AIGIEQPSLVR.T	15
PLOG-3069	proteomics_log	1718687	1718779	-	6	3	R.LKPLELTQTHWVTLHNIHQLPDQSQIQLAK.A	35
PLOG-3070	proteomics_log	1722254	1722277	-	6	2	K.SLDEIKDK.A	12
PLOG-3071	proteomics_log	1722254	1722283	-	6	6	R.LKSLDEIKDK.A	14
PLOG-3072	proteomics_log	1722901	1723008	-	5	15	R.LFNDDYFQPLRDELAVVAEELNAGSIEQVYAWVLR.L	40
PLOG-3073	proteomics_log	1723048	1723143	-	5	19	R.LPFTLATNQVEISPVHQPLLLDGTLDQLQQLR.V	36
PLOG-3074	proteomics_log	1723144	1723197	-	5	2	R.HFGVSNFTPAQFALLQSR.L	22
PLOG-3075	proteomics_log	1731781	1731807	-	5	7	K.YKSEEPDAE.-	13
PLOG-3076	proteomics_log	1731781	1731846	-	5	5	R.GELQQLIKETAACYKSEEPDAE.-	26
PLOG-3077	proteomics_log	1731808	1731846	-	5	61	R.GELQQLIKETAACY.Y	17

PLOG-3078	proteomics_log	1731949	1731987	-	5	199	R.FAYVDILQNPDIR.A	17
PLOG-3079	proteomics_log	1732060	1732095	-	5	103	R.QIAENPILLYMK.G	16
PLOG-3080	proteomics_log	1732060	1732122	-	5	10	M.STTIEKIQRQIAENPILLYMK.G	25
PLOG-3081	proteomics_log	1732096	1732122	-	5	31	M.STTIEKIQR.Q	13
PLOG-3082	proteomics_log	1734451	1734477	-	5	2	I.MLAIPFLAR.N	13
PLOG-3083	proteomics_log	1735469	1735507	-	6	2	S.RGFDCAALISSR.G	17
PLOG-3084	proteomics_log	1740628	1740660	-	5	6	R.ENAMNQPGEA.-	15
PLOG-3085	proteomics_log	1740628	1740675	-	5	16	R.VLAARENAMNQPGEA.-	20
PLOG-3086	proteomics_log	1740676	1740711	-	5	2	D.PQTQAVVDTVER.V	16
PLOG-3087	proteomics_log	1740676	1740729	-	5	101	R.VNIEIDPQTQAVVDTVER.V	22
PLOG-3088	proteomics_log	1740730	1740762	-	5	5	R.TTLGKKKLGAR.V	15
PLOG-3089	proteomics_log	1741009	1741059	-	5	16	R.ITNLGDLKVGDWVNER.A	21
PLOG-3090	proteomics_log	1741201	1741233	-	5	11	K.LVSIDEKPNFR.T	15
PLOG-3091	proteomics_log	1741234	1741266	-	5	2	S.M*FTGIVQGTA.L	16
PLOG-3092	proteomics_log	1741234	1741266	-	5	44	S.MFTGIVQGTA.L	15
PLOG-3093	proteomics_log	1742898	1742942	-	4	3	K.LQPDEDGIGATLQPA.-	19
PLOG-3094	proteomics_log	1752959	1753009	-	6	16	R.SELEKQAMETVINALVK.-	21
PLOG-3095	proteomics_log	1752959	1753018	-	6	13	R.IQRSELEKQAMETVINALVK.-	24
PLOG-3096	proteomics_log	1753040	1753066	-	6	2	K.HIVIAGVLR.T	13
PLOG-3097	proteomics_log	1755757	1755798	-	5	2	E.SAQNGEPEQGNMLR.V	18
PLOG-3098	proteomics_log	1755757	1755864	-	5	3	R.AGYPVSVSSGATPAASNAPSVEAQAQNGEPEQGNMLR.V	40
PLOG-3099	proteomics_log	1756009	1756074	-	5	2	R.TGTPVKVINEPVKYSVEPNMGR.Y	26
PLOG-3100	proteomics_log	1756216	1756269	-	5	3	R.GIKLPPVVPAGPNNPLGR.Y	22
PLOG-3101	proteomics_log	1756288	1756338	-	5	3	R.VGQKIPNPTWTPTAGIR.Q	21
PLOG-3102	proteomics_log	1756339	1756431	-	5	11	R.LYYYPPGENIVQVYPIGIGLQGLETPVMETR.V	35
PLOG-3103	proteomics_log	1756432	1756464	-	5	12	R.QGIIVNLAELR.L	15
PLOG-3104	proteomics_log	1756582	1756647	-	5	26	R.LVGQNQTYTVQEGDKNLQAIAR.R	26
PLOG-3105	proteomics_log	1757078	1757104	-	6	2	Q.GSDAAIVK.G	13
PLOG-3106	proteomics_log	1758577	1758681	-	5	4	R.GINQQDAQQMIIYAFAAELTEALRDEGLKQQVLAR.I	39
PLOG-3107	proteomics_log	1758577	1758681	-	5	4	R.GINQQDAQQM*IIYAFAAELTEALRDEGLKQQVLAR.I	40
PLOG-3108	proteomics_log	1758595	1758681	-	5	2	R.GINQQDAQQM*IIYAFAAELTEALRDEGLK.Q	34
PLOG-3109	proteomics_log	1758688	1758717	-	5	2	R.IDDEQIFYL.R.S	14
PLOG-3110	proteomics_log	1758799	1758885	-	5	4	R.AVFNGLINVAQHAIKTDGQMTNNNLLMGK.L	33
PLOG-3111	proteomics_log	1759702	1759743	-	5	2	K.RSPQAQQHLQQLLR.T	18
PLOG-3112	proteomics_log	1759793	1759867	-	6	2	R.IVKSGDFTLVKQLEEQQYGWLTEQQ.-	29
PLOG-3113	proteomics_log	1759793	1759867	-	6	2	R.IVKSGDFTLVKQLEEQQYGWLTEQQ.-	29
PLOG-3114	proteomics_log	1759868	1759918	-	6	32	R.ILDYIKPDYVHVLYQGR.I	21
PLOG-3115	proteomics_log	1759919	1759948	-	6	5	R.SFIIVTHYQR.I	14
PLOG-3116	proteomics_log	1760117	1760155	-	6	18	K.IALLKMPEDLLTR.S	17
PLOG-3117	proteomics_log	1760216	1760311	-	6	11	R.AGEGIFMAFQYPVEIPGVSNQFFLQTALNAVR.S	36
PLOG-3118	proteomics_log	1760312	1760341	-	6	2	K.DLLALSPEDR.A	14
PLOG-3119	proteomics_log	1760483	1760536	-	6	10	N.MLSIKDLHVSVEDKAILR.G	22
PLOG-3120	proteomics_log	1760495	1760536	-	6	2	N.MLSIKDLHVSVEDK.A	18
PLOG-3121	proteomics_log	1760582	1760629	-	6	3	K.DVFSLEPLFAVEAQK.L	20
PLOG-3122	proteomics_log	1760873	1760908	-	6	2	K.GISAGHSQNSYR.G	16
PLOG-3123	proteomics_log	1762123	1762182	-	5	16	K.LFVPLQAMPFDGTEVDFVR.E	24

PLOG-3124	proteomics_log	1762324	1762410	-	5	11	S.MDMHSGTFNPQDFAWQGLTLTPAAAIHIR.E	33
PLOG-3125	proteomics_log	1762973	1763056	-	6	19	R.LKQLELEFADLLTLSSAELKEEYFAWR.L	32
PLOG-3126	proteomics_log	1763099	1763143	-	6	69	M.STQLDPTQLAIEFLR.R	19
PLOG-3127	proteomics_log	1763285	1763326	-	6	13	R.HQVWQIEIFDEKGR.L	18
PLOG-3128	proteomics_log	1763522	1763575	-	6	7	R.FEHIGDDTLEATMPVDSR.T	22
PLOG-3129	proteomics_log	1764406	1764474	-	5	2	K.HIGMVDLPLLSVPSLQQQMVGHR.S	27
PLOG-3130	proteomics_log	1764490	1764525	-	5	3	K.TFNFFINQPLVR.K	16
PLOG-3131	proteomics_log	1764781	1764852	-	5	3	R.LLADRGVDPLKLEQELPESGVSLR.T	28
PLOG-3132	proteomics_log	1765144	1765194	-	5	3	R.AEYSPAFFGEELFAELR.K	21
PLOG-3133	proteomics_log	1765933	1765974	-	5	2	R.HVFNDEMTEFDLTR.I	18
PLOG-3134	proteomics_log	1766074	1766166	-	5	10	R.AVLLGGDILDTPQLPVELAETLGKSNTTIGR.I	35
PLOG-3135	proteomics_log	1766095	1766166	-	5	14	R.AVLLGGDILDTPQLPVELAETLGK.S	28
PLOG-3136	proteomics_log	1766167	1766193	-	5	3	K.TSDHVLGVR.A	13
PLOG-3137	proteomics_log	1766257	1766346	-	5	9	R.VEAGVIKDQLNQYLKPFYFFAPELSTSNR.A	34
PLOG-3138	proteomics_log	1766596	1766709	-	5	7	I.MIPQISQAPGVVQLVNLFLQELEQQGFTGDTATSYADR.L	42
PLOG-3139	proteomics_log	1772304	1772360	-	4	8	R.SVTVTTQSVFSLTRCAKAR.A	23
PLOG-3140	proteomics_log	1774030	1774092	-	5	2	R.SSLVTSFSLPPCWGSTNVPM*.P	26
PLOG-3141	proteomics_log	1778842	1778910	-	5	3	R.ALMRGITGARFLNTGCKGNDRQR.A	27
PLOG-3142	proteomics_log	1782920	1782943	-	6	13	K.ALLSMAIR.A	12
PLOG-3143	proteomics_log	1782920	1782994	-	6	12	R.DSGVSELFDERNDVAVKALLSMAIR.A	29
PLOG-3144	proteomics_log	1783136	1783189	-	6	5	R.TVDQAKAVVEELARQLK.R	22
PLOG-3145	proteomics_log	1783148	1783171	-	6	7	K.AVVEELAR.Q	12
PLOG-3146	proteomics_log	1783148	1783189	-	6	139	R.TVDQAKAVVEELAR.Q	18
PLOG-3147	proteomics_log	1783148	1783237	-	6	3	R.NDMGLTNVEIMIPFVRTVDQAKAVVEELAR.Q	34
PLOG-3148	proteomics_log	1783148	1783243	-	6	3	R.VRNDMGLTNVEIMIPFVRTVDQAKAVVEELAR.Q	36
PLOG-3149	proteomics_log	1783169	1783237	-	6	60	R.NDMGLTNVEIMIPFVRTVDQAKA.V	27
PLOG-3150	proteomics_log	1783190	1783237	-	6	2	R.NDM*GLTNVEIMIPFVR.T	21
PLOG-3151	proteomics_log	1783190	1783237	-	6	3	R.NDMGLTNVEIM*IPFVR.T	21
PLOG-3152	proteomics_log	1783190	1783237	-	6	125	R.NDMGLTNVEIMIPFVR.T	20
PLOG-3153	proteomics_log	1783190	1783243	-	6	191	R.VRNDMGLTNVEIMIPFVR.T	22
PLOG-3154	proteomics_log	1783313	1783351	-	6	2	R.YEPDEENPMLGFR.G	17
PLOG-3155	proteomics_log	1783313	1783387	-	6	3	K.SNEYANLVGGERYEPDEENPMLGFR.G	29
PLOG-3156	proteomics_log	1783313	1783402	-	6	5	R.LSDFKSNEYANLVGGERYEPDEENPMLGFR.G	34
PLOG-3157	proteomics_log	1783352	1783402	-	6	3	R.LSDFKSNEYANLVGGER.Y	21
PLOG-3158	proteomics_log	1783418	1783462	-	6	22	R.LTEGIATLGAIFYPK.R	19
PLOG-3159	proteomics_log	1783463	1783498	-	6	6	K.GFDSREFYVGR.L	16
PLOG-3160	proteomics_log	1783481	1783561	-	6	5	R.ALLEFDDQEPQLQNEIREMMKGFDSR.E	31
PLOG-3161	proteomics_log	1783499	1783561	-	6	12	R.ALLEFDDQEPQLQNEIREMMK.G	25
PLOG-3162	proteomics_log	1783511	1783561	-	6	58	R.ALLEFDDQEPQLQNEIR.E	21
PLOG-3163	proteomics_log	1783562	1783603	-	6	4	R.LEFIINRMIGVHPR.A	18
PLOG-3164	proteomics_log	1783583	1783603	-	6	84	R.LEFIINR.M	11
PLOG-3165	proteomics_log	1783652	1783720	-	6	17	K.SSSVETMPDLPLKVMNNVGNPDR.A	27
PLOG-3166	proteomics_log	1783682	1783720	-	6	2	K.SSSVETMPDLPLK.V	17
PLOG-3167	proteomics_log	1783883	1783915	-	6	16	K.ASAIVTNRGGR.T	15
PLOG-3168	proteomics_log	1783883	1783918	-	6	48	K.KASAIVTNRGGR.T	16
PLOG-3169	proteomics_log	1783883	1783933	-	6	10	W.EPIM*KKASAIVTNRGGR.T	22

PLOG-3170	proteomics_log	1783892	1783915	-	6	2	K.ASAIVTNR.G	12
PLOG-3171	proteomics_log	1783892	1783918	-	6	39	K.KASAIVTNR.G	13
PLOG-3172	proteomics_log	1783916	1784032	-	6	7	R.IGAGPVKVIHDISEMNRIEPGDVLVTDMTDPDWEPIIMKK.A	43
PLOG-3173	proteomics_log	1783919	1783981	-	6	12	R.IEPGDVLVTDMTDPDWEPIIMK.K	25
PLOG-3174	proteomics_log	1783919	1784032	-	6	9	R.IGAGPVKVIHDISEMNRIEPGDVLVTDMTDPDWEPIIMK.K	42
PLOG-3175	proteomics_log	1783982	1784011	-	6	8	K.VIHDISEMNR.I	14
PLOG-3176	proteomics_log	1783982	1784032	-	6	138	R.IGAGPVKVIHDISEMNR.I	21
PLOG-3177	proteomics_log	1783982	1784047	-	6	6	R.AIGHRIGAGPVKVIHDISEMNR.I	26
PLOG-3178	proteomics_log	1784048	1784089	-	6	142	R.YTLHSQGKIIAEGR.A	18
PLOG-3179	proteomics_log	1784048	1784107	-	6	7	R.GQVMERYTLHSQGKIIAEGR.A	24
PLOG-3180	proteomics_log	1784066	1784089	-	6	42	R.YTLHSQGK.I	12
PLOG-3181	proteomics_log	1784090	1784113	-	6	6	R.SRGQVMER.Y	12
PLOG-3182	proteomics_log	1784114	1784149	-	6	21	K.LFIVQARPETVR.S	16
PLOG-3183	proteomics_log	1784114	1784167	-	6	11	K.DGHTGKLFIVQARPETVR.S	22
PLOG-3184	proteomics_log	1784168	1784203	-	6	2	K.HYGRPMDIEWAK.D	16
PLOG-3185	proteomics_log	1784204	1784269	-	6	5	R.DIFSLTNEEVQELAKQAVQIEK.H	26
PLOG-3186	proteomics_log	1784204	1784296	-	6	23	K.IEDVPQEQRDIFSLTNEEVQELAKQAVQIEK.H	35
PLOG-3187	proteomics_log	1784225	1784269	-	6	164	R.DIFSLTNEEVQELAK.Q	19
PLOG-3188	proteomics_log	1784225	1784296	-	6	61	K.IEDVPQEQRDIFSLTNEEVQELAK.Q	28
PLOG-3189	proteomics_log	1784237	1784269	-	6	2	R.DIFSLTNEEVQ.E	15
PLOG-3190	proteomics_log	1784270	1784296	-	6	27	K.IEDVPQEQR.D	13
PLOG-3191	proteomics_log	1784270	1784338	-	6	55	R.MVYAPTQEHGKQVKIEDVPQEQR.D	27
PLOG-3192	proteomics_log	1784297	1784338	-	6	4	R.M*VYAPTQEHGKQVK.I	19
PLOG-3193	proteomics_log	1784297	1784338	-	6	100	R.MVYAPTQEHGKQVK.I	18
PLOG-3194	proteomics_log	1784297	1784344	-	6	2	K.IRMVYAPTQEHGKQVK.I	20
PLOG-3195	proteomics_log	1784306	1784338	-	6	58	R.MVYAPTQEHGK.Q	15
PLOG-3196	proteomics_log	1784339	1784365	-	6	4	R.RTMGSKKIR.M	13
PLOG-3197	proteomics_log	1784555	1784584	-	6	52	R.GVALSAGVQR.M	14
PLOG-3198	proteomics_log	1784585	1784608	-	6	16	R.VHQGYDHR.G	12
PLOG-3199	proteomics_log	1784624	1784653	-	6	7	K.HVFASLFNDR.A	14
PLOG-3200	proteomics_log	1784624	1784755	-	6	45	R.SSATAEDMPDASFAGQQUETFLNVQGFDAVLVAVKHVFASLFNDR.A	48
PLOG-3201	proteomics_log	1784654	1784755	-	6	2	R.SSATAEDMPDASFAGQQUETFLNVQGFDAVLVAVK.H	38
PLOG-3202	proteomics_log	1784756	1784809	-	6	3	R.EAYAQLSADDENASFAVR.S	22
PLOG-3203	proteomics_log	1784756	1784860	-	6	110	R.QWIIDTPFQPELENAIREAYAQLSADDENASFAVR.S	39
PLOG-3204	proteomics_log	1784756	1784878	-	6	14	K.AGAQIRQWIIDTPFQPELENAIREAYAQLSADDENASFAVR.S	45
PLOG-3205	proteomics_log	1784810	1784860	-	6	34	R.QWIIDTPFQPELENAIR.E	21
PLOG-3206	proteomics_log	1784810	1784878	-	6	45	K.AGAQIRQWIIDTPFQPELENAIR.E	27
PLOG-3207	proteomics_log	1784861	1784932	-	6	71	R.IYELLDKTDIDDVTQLAKAGAQIR.Q	28
PLOG-3208	proteomics_log	1784879	1784917	-	6	2	L.DKTDIDDVTQLAK.A	17
PLOG-3209	proteomics_log	1784879	1784932	-	6	187	R.IYELLDKTDIDDVTQLAK.A	22
PLOG-3210	proteomics_log	1784933	1785013	-	6	2	M.GVSVPNGFATTADAFNQFLDQSGVNQR.I	31
PLOG-3211	proteomics_log	1784933	1785055	-	6	11	K.NASLGEMITNLSGMGVSVPNGFATTADAFNQFLDQSGVNQR.I	45
PLOG-3212	proteomics_log	1784933	1785067	-	6	7	R.VGGKNASLGEMITNLSGMGVSVPNGFATTADAFNQFLDQSGVNQR.I	49
PLOG-3213	proteomics_log	1785068	1785133	-	6	29	M.SNNGSSPLVLWYNQLGMNDVDR.V	26
PLOG-3214	proteomics_log	1789435	1789494	-	5	4	V.RSRRKFPLVAIASLREALIR.Q	24
PLOG-3215	proteomics_log	1791585	1791650	-	4	2	R.FSPDMTPEDPIVMESIKLALAK.-	26

PLOG-3216	proteomics_log	1791600	1791650	-	4	2	R.FSPDM*TPEDPIVMESIK.L	22
PLOG-3217	proteomics_log	1791600	1791650	-	4	2	R.FSPDMTPEDPIVM*ESIK.L	22
PLOG-3218	proteomics_log	1791600	1791650	-	4	17	R.FSPDMTPEDPIVMESIK.L	21
PLOG-3219	proteomics_log	1791672	1791734	-	4	2	K.GRAPLYPDDILWNFEKFLVGR.D	25
PLOG-3220	proteomics_log	1791687	1791728	-	4	22	R.APLYPDDILWNFEK.F	18
PLOG-3221	proteomics_log	1791687	1791734	-	4	41	K.GRAPLYPDDILWNFEK.F	20
PLOG-3222	proteomics_log	1791687	1791746	-	4	15	R.MVSKGRAPLYPDDILWNFEK.F	24
PLOG-3223	proteomics_log	1791747	1791803	-	4	53	K.LIAAAPTAVAPEESGFYAR.M	23
PLOG-3224	proteomics_log	1791804	1791845	-	4	9	K.IEVNGEGRHPLYQK.L	18
PLOG-3225	proteomics_log	1792026	1792067	-	4	12	K.FAGNVLLIVNVASK.C	18
PLOG-3226	proteomics_log	1792068	1792100	-	4	5	K.DIDGEVTTLEK.F	15
PLOG-3227	proteomics_log	1792068	1792133	-	4	26	T.M*QDSILTTVVKDIDGEVTTLEK.F	27
PLOG-3228	proteomics_log	1792068	1792133	-	4	61	T.MQDSILTTVVKDIDGEVTTLEK.F	26
PLOG-3229	proteomics_log	1792101	1792133	-	4	7	T.MQDSILTTVVK.D	15
PLOG-3230	proteomics_log	1792365	1792478	-	4	4	Q.CAGGSDRLDGWRQCGAGGCYRLYWSGDPPYPVVFVFN.R	42
PLOG-3231	proteomics_log	1793280	1793306	-	4	39	R.VENASPKDE.-	13
PLOG-3232	proteomics_log	1793280	1793312	-	4	83	K.SRVENASPKDE.-	15
PLOG-3233	proteomics_log	1793280	1793318	-	4	47	K.LKSRVENASPKDE.-	17
PLOG-3234	proteomics_log	1793313	1793345	-	4	21	R.VVTFRPGQK.L.S	15
PLOG-3235	proteomics_log	1793349	1793378	-	4	59	K.TGEDIPITAR.R	14
PLOG-3236	proteomics_log	1793412	1793441	-	4	19	K.LSGFGNFDLR.D	14
PLOG-3237	proteomics_log	1793442	1793468	-	4	10	R.ALENGEQVK.L	13
PLOG-3238	proteomics_log	1793469	1793504	-	4	2	K.ELVELFFEEIRR.A	16
PLOG-3239	proteomics_log	1793469	1793513	-	4	13	R.DAKELVELFFEEIRR.A	19
PLOG-3240	proteomics_log	1793469	1793516	-	4	4	K.RDAKELVELFFEEIRR.A	20
PLOG-3241	proteomics_log	1793472	1793504	-	4	4	K.ELVELFFEEIR.R	15
PLOG-3242	proteomics_log	1793472	1793513	-	4	14	R.DAKELVELFFEEIR.R	18
PLOG-3243	proteomics_log	1793514	1793573	-	4	2	M.ALTKAEM*SEYLFDKLGLSKR.D	25
PLOG-3244	proteomics_log	1793514	1793573	-	4	17	M.ALTKAEMSEYLFDKLGLSKR.D	24
PLOG-3245	proteomics_log	1793517	1793561	-	4	5	K.AEMSEYLFDKLGLSKR	19
PLOG-3246	proteomics_log	1793531	1793620	-	6	5	R.GIKRAIPGIIIEGLNLWRLQKLCQNICLIS.L	34
PLOG-3247	proteomics_log	1793531	1793620	-	6	5	R.GIKRAIPGIIIEGLNLWRLQKLCQNICLIS.L	34
PLOG-3248	proteomics_log	1793584	1793604	-	5	4	R.FQASLRD.-	11
PLOG-3249	proteomics_log	1793629	1793667	-	5	74	R.TLEEEIEAATVAK.C	17
PLOG-3250	proteomics_log	1793629	1793706	-	5	33	K.SLAISLILQDTSRTLEEEIEAATVAK.C	30
PLOG-3251	proteomics_log	1793629	1793727	-	5	2	K.GVAEGYKSLAISLILQDTSRTLEEEIEAATVAK.C	37
PLOG-3252	proteomics_log	1793668	1793706	-	5	83	K.SLAISLILQDTSR.T	17
PLOG-3253	proteomics_log	1793668	1793733	-	5	4	R.GKGVAEGYKSLAISLILQDTSR.T	26
PLOG-3254	proteomics_log	1793728	1793781	-	5	2	K.VGVNQVGVNLFVDVYRGK.G	22
PLOG-3255	proteomics_log	1793734	1793781	-	5	57	K.VGVNQVGVNLFVDVYR.G	20
PLOG-3256	proteomics_log	1793734	1793784	-	5	19	K.KGVNQVGVNLFVDVYR.G	21
PLOG-3257	proteomics_log	1793791	1793844	-	5	3	R.DIAVVVAENVPAADILSE.C	22
PLOG-3258	proteomics_log	1793875	1793934	-	5	156	R.TLVFELEWNLADRVPQAR.E	24
PLOG-3259	proteomics_log	1793875	1793955	-	5	2	R.KLDLNGRTLTVFELEWNLADRVPQAR.E	31
PLOG-3260	proteomics_log	1793893	1793934	-	5	29	R.TLVFELEWNLADR.V	18
PLOG-3261	proteomics_log	1793905	1793934	-	5	2	R.TLVFELEWNL.L	14

PLOG-3262	proteomics_log	1793956	1793994	-	5	214	R.IGFVGVVHPELER.K	17
PLOG-3263	proteomics_log	1793995	1794057	-	5	10	R.AEANPALHPGQSAAIYLGGER.I	25
PLOG-3264	proteomics_log	1794058	1794141	-	5	27	K.ETVDFYDLKGDLESVLDLTGKLNVEVEFR.A	32
PLOG-3265	proteomics_log	1794244	1794270	-	5	3	R.VRIFESGLR.F	13
PLOG-3266	proteomics_log	1794271	1794333	-	5	2	R.LSLWTGLLATVVYNQNRQQR.V	25
PLOG-3267	proteomics_log	1794283	1794333	-	5	7	R.LSLWTGLLATVVYNQNR.Q	21
PLOG-3268	proteomics_log	1794334	1794411	-	5	38	K.VQQMIHPGVEALLPSPISVEMSAMR.L	30
PLOG-3269	proteomics_log	1794412	1794471	-	5	18	K.TLLNDKGYQEVITYSFVDPK.V	24
PLOG-3270	proteomics_log	1794412	1794477	-	5	18	R.VKTLLNDKGYQEVITYSFVDPK.V	26
PLOG-3271	proteomics_log	1794502	1794546	-	5	50	I.PDEPVQASLIMGTHR.E	19
PLOG-3272	proteomics_log	1794502	1794567	-	5	3	R.VYGYNNIPDEPVQASLIM*GTHR.E	27
PLOG-3273	proteomics_log	1794502	1794567	-	5	58	R.VYGYNNIPDEPVQASLIMGTHR.E	26
PLOG-3274	proteomics_log	1794568	1794612	-	5	56	R.FDMEIEEDLVEEVAR.V	19
PLOG-3275	proteomics_log	1794673	1794723	-	5	11	R.LIGHHIADEQVTDILRR.L	21
PLOG-3276	proteomics_log	1794673	1794738	-	5	7	R.SKLDRLIGHHIADEQVTDILRR.L	26
PLOG-3277	proteomics_log	1794676	1794723	-	5	190	R.LIGHHIADEQVTDILR.R	20
PLOG-3278	proteomics_log	1794676	1794738	-	5	81	R.SKLDRLIGHHIADEQVTDILR.R	25
PLOG-3279	proteomics_log	1794844	1794882	-	5	20	R.GVDPALQHKAMER.A	17
PLOG-3280	proteomics_log	1794856	1794882	-	5	14	R.GVDPALQHK.A	13
PLOG-3281	proteomics_log	1794870	1794920	-	4	17	V.MACIPM*RLTVM*SVALIR.H	23
PLOG-3282	proteomics_log	1794883	1794921	-	5	6	R.HGLHTDASHRYER.G	17
PLOG-3283	proteomics_log	1794892	1794921	-	5	34	R.HGLHTDASHR.Y	14
PLOG-3284	proteomics_log	1794931	1795041	-	5	2	K.ALAMGGIFGGEHSGVNDQNVLLECAFFSPLSITGR.A	41
PLOG-3285	proteomics_log	1795042	1795080	-	5	36	K.LNADTLVIADHNK.A	17
PLOG-3286	proteomics_log	1795042	1795101	-	5	15	L.LDGTEAKLNADTLVIADHNK.A	24
PLOG-3287	proteomics_log	1795042	1795122	-	5	4	K.EGETLVLLDGTEAKLNADTLVIADHNK.A	31
PLOG-3288	proteomics_log	1795042	1795131	-	5	53	R.MAKEGETLVLLDGTEAKLNADTLVIADHNK.A	34
PLOG-3289	proteomics_log	1795081	1795122	-	5	11	K.EGETLVLLDGTEAK.L	18
PLOG-3290	proteomics_log	1795081	1795131	-	5	6	R.MAKEGETLVLLDGTEAK.L	21
PLOG-3291	proteomics_log	1795132	1795236	-	5	47	R.SIDAVVDVTNYVLELQPMHAFDKDRIEGGIVVR.M	39
PLOG-3292	proteomics_log	1795156	1795236	-	5	32	R.SIDAVVDVTNYVLELQPMHAFDKDR.I	31
PLOG-3293	proteomics_log	1795258	1795302	-	5	48	K.GINVKAPTPLWMKEK.L	19
PLOG-3294	proteomics_log	1795258	1795311	-	5	4	R.VVKGINVKAPTPLWMKEK.L	22
PLOG-3295	proteomics_log	1795264	1795302	-	5	6	K.GINVKAPTPLWMK.E	17
PLOG-3296	proteomics_log	1795324	1795437	-	5	8	R.DVAVLNQLPLVQPEIVPVGATIDDTLPITVEAPEACPR.Y	42
PLOG-3297	proteomics_log	1795651	1795701	-	5	80	R.VAVATIGAVLPGDFKIK.A	21
PLOG-3298	proteomics_log	1795651	1795713	-	5	12	R.QGLRVAVATIGAVLPGDFKIK.A	25
PLOG-3299	proteomics_log	1795657	1795701	-	5	62	R.VAVATIGAVLPGDFK.I	19
PLOG-3300	proteomics_log	1795750	1795779	-	5	27	R.VTKVNVGGDR.L	14
PLOG-3301	proteomics_log	1795942	1795968	-	5	183	I.MKFSELWLR.E	13
PLOG-3302	proteomics_log	1796181	1796240	-	4	2	R.FRPSYFPFTEPSAEVDVMGK.N	24
PLOG-3303	proteomics_log	1796241	1796270	-	4	2	R.NFFEEDLQIR.F	14
PLOG-3304	proteomics_log	1796409	1796438	-	4	6	R.TMKAQQPPIR.I	14
PLOG-3305	proteomics_log	1796439	1796465	-	4	6	R.TQTSQVQIR.T	13
PLOG-3306	proteomics_log	1796439	1796474	-	4	22	R.LLRTQTSQVQIR.T	16
PLOG-3307	proteomics_log	1796475	1796510	-	4	11	R.ADHDTFWFDTR.L	16

PLOG-3308	proteomics_log	1796634	1796666	-	4	83	R.IENGGHPVTR.T	15
PLOG-3309	proteomics_log	1796634	1796669	-	4	48	R.RIENGGHPVTR.T	16
PLOG-3310	proteomics_log	1796667	1796708	-	4	2	R.LAAETIDVSLPGRR.I	18
PLOG-3311	proteomics_log	1796670	1796708	-	4	60	R.LAAETIDVSLPGR.R	17
PLOG-3312	proteomics_log	1796709	1796741	-	4	2	K.AELESALNAR.L	15
PLOG-3313	proteomics_log	1796709	1796744	-	4	90	R.KAELESALNAR.L	16
PLOG-3314	proteomics_log	1796745	1796774	-	4	2	K.EQVQQALNAR.K	14
PLOG-3315	proteomics_log	1796745	1796828	-	4	47	R.ELPPEERPAAGAVINEAKEQVQQALNAR.K	32
PLOG-3316	proteomics_log	1796829	1796861	-	4	3	K.GHLLQMTTLR.E	15
PLOG-3317	proteomics_log	1796883	1796930	-	4	3	K.AAISQASDVAALDNVR.V	20
PLOG-3318	proteomics_log	1796931	1796963	-	4	139	M.SHLAELVASAK.A	15
PLOG-3319	proteomics_log	1797420	1797464	-	4	33	K.VAFTALVEKAKAALA.-	19
PLOG-3320	proteomics_log	1797420	1797494	-	4	242	K.ILADIAVFDKVAFTALVEKAKAALA.-	29
PLOG-3321	proteomics_log	1797420	1797497	-	4	149	R.KILADIAVFDKVAFTALVEKAKAALA.-	30
PLOG-3322	proteomics_log	1797420	1797518	-	4	211	K.ASVEIDRKILADIAVFDKVAFTALVEKAKAALA.-	37
PLOG-3323	proteomics_log	1797420	1797521	-	4	3	K.KASVEIDRKILADIAVFDKVAFTALVEKAKAALA.-	38
PLOG-3324	proteomics_log	1797432	1797464	-	4	99	K.VAFTALVEKAK.A	15
PLOG-3325	proteomics_log	1797432	1797494	-	4	320	K.ILADIAVFDKVAFTALVEKAK.A	25
PLOG-3326	proteomics_log	1797432	1797497	-	4	214	R.KILADIAVFDKVAFTALVEKAK.A	26
PLOG-3327	proteomics_log	1797432	1797518	-	4	155	K.ASVEIDRKILADIAVFDKVAFTALVEKAK.A	33
PLOG-3328	proteomics_log	1797432	1797521	-	4	11	K.KASVEIDRKILADIAVFDKVAFTALVEKAK.A	34
PLOG-3329	proteomics_log	1797438	1797464	-	4	34	K.VAFTALVEK.A	13
PLOG-3330	proteomics_log	1797438	1797488	-	4	3	L.ADIAVFDKVAFTALVEK.A	21
PLOG-3331	proteomics_log	1797438	1797494	-	4	1946	K.ILADIAVFDKVAFTALVEK.A	23
PLOG-3332	proteomics_log	1797438	1797497	-	4	297	R.KILADIAVFDKVAFTALVEK.A	24
PLOG-3333	proteomics_log	1797438	1797518	-	4	197	K.ASVEIDRKILADIAVFDKVAFTALVEK.A	31
PLOG-3334	proteomics_log	1797438	1797521	-	4	81	K.KASVEIDRKILADIAVFDKVAFTALVEK.A	32
PLOG-3335	proteomics_log	1797438	1797539	-	4	17	K.FINGLKKASVEIDRKILADIAVFDKVAFTALVEK.A	38
PLOG-3336	proteomics_log	1797465	1797494	-	4	145	K.ILADIAVFDK.V	14
PLOG-3337	proteomics_log	1797465	1797497	-	4	18	R.KILADIAVFDK.V	15
PLOG-3338	proteomics_log	1797495	1797518	-	4	75	K.ASVEIDRK.I	12
PLOG-3339	proteomics_log	1797495	1797521	-	4	18	K.KASVEIDRK.I	13
PLOG-3340	proteomics_log	1797495	1797539	-	4	23	K.FINGLKKASVEIDRK.I	19
PLOG-3341	proteomics_log	1797495	1797563	-	4	14	R.QNGISYSKFINGLKKASVEIDRK.I	27
PLOG-3342	proteomics_log	1797498	1797518	-	4	6	K.ASVEIDR.K	11
PLOG-3343	proteomics_log	1797498	1797521	-	4	9	K.KASVEIDR.K	12
PLOG-3344	proteomics_log	1797498	1797539	-	4	9	K.FINGLKKASVEIDR.K	18
PLOG-3345	proteomics_log	1797498	1797563	-	4	7	R.QNGISYSKFINGLKKASVEIDR.K	26
PLOG-3346	proteomics_log	1797519	1797563	-	4	63	R.QNGISYSKFINGLKK.A	19
PLOG-3347	proteomics_log	1797519	1797581	-	4	63	R.INAAARQNGISYSKFINGLKK.A	25
PLOG-3348	proteomics_log	1797522	1797581	-	4	17	R.INAAARQNGISYSKFINGLKK.A	24
PLOG-3349	proteomics_log	1797540	1797581	-	4	141	R.INAAARQNGISYSK.F	18
PLOG-3350	proteomics_log	1797582	1797608	-	4	7	R.QFRQLWIAR.I	13
PLOG-3351	proteomics_log	1797621	1797674	-	4	2	R.VAFQAVIKAGQYAYRDRR.Q	22
PLOG-3352	proteomics_log	1797624	1797683	-	4	11	R.VYRVAFQAVIKAGQYAYRDR.R	24
PLOG-3353	proteomics_log	1797630	1797650	-	4	53	K.AGQYAYR.D	11

PLOG-3354	proteomics_log	1797630	1797674	-	4	27	R.VAFQAVIKAGQYAYR.D	19
PLOG-3355	proteomics_log	1797651	1797674	-	4	183	R.VAFQAVIK.A	12
PLOG-3356	proteomics_log	1797651	1797683	-	4	79	R.VYRVAFQAVIK.A	15
PLOG-3357	proteomics_log	1797690	1797725	-	4	53	K.ILKQAKGYYGAR.S	16
PLOG-3358	proteomics_log	1797690	1797728	-	4	5	K.KILKQAKGYYGAR.S	17
PLOG-3359	proteomics_log	1797690	1797740	-	4	3	R.ARHKILKQAKGYYGAR.S	21
PLOG-3360	proteomics_log	1797708	1797728	-	4	2	K.KILKQAK.G	11
PLOG-3361	proteomics_log	1797708	1797734	-	4	6	R.HKKILKQAK.G	13
PLOG-3362	proteomics_log	1797829	1797882	-	5	22	K.AMVSKGDLGLVIACLPYA.-	22
PLOG-3363	proteomics_log	1797844	1797882	-	5	9	K.AMVSKGDLGLVIA.C	17
PLOG-3364	proteomics_log	1797868	1797897	-	5	2	R.HLRPKAMVSK.G	14
PLOG-3365	proteomics_log	1797904	1797933	-	5	25	R.HILTKKATKR.K	14
PLOG-3366	proteomics_log	1797907	1797933	-	5	25	R.HILTKKATK.R	13
PLOG-3367	proteomics_log	1797919	1797948	-	5	10	K.HANLRHILTK.K	14
PLOG-3368	proteomics_log	1797934	1797966	-	5	20	K.GGFKHKHANLR.H	15
PLOG-3369	proteomics_log	1797934	1797975	-	5	25	K.TGKGGFKHKHANLR.H	18
PLOG-3370	proteomics_log	1797949	1797984	-	5	3	R.FKKTGKGGFKHK.H	16
PLOG-3371	proteomics_log	1797985	1798020	-	5	16	M.PKIKTVRGAAGR.F	16
PLOG-3372	proteomics_log	1797988	1798020	-	5	38	M.PKIKTVRGAAR.R	15
PLOG-3373	proteomics_log	1798000	1798020	-	5	5	M.PKIKTVR.G	11
PLOG-3374	proteomics_log	1798123	1798158	-	5	35	R.QMIMVLAPKKKQ.-	16
PLOG-3375	proteomics_log	1798132	1798158	-	5	7	R.QMIMVLAPK.K	13
PLOG-3376	proteomics_log	1798159	1798221	-	5	285	R.VKDDLQELAVVESFPTKIEGR.Q	25
PLOG-3377	proteomics_log	1798159	1798251	-	5	82	H.QQIGM*EVLNRVKDDLQELAVVESFPTKIEGR.Q	36
PLOG-3378	proteomics_log	1798159	1798263	-	5	2	R.EMAHQQIGM*EVLNRVKDDLQELAVVESFPTKIEGR.Q	40
PLOG-3379	proteomics_log	1798159	1798263	-	5	3	R.EM*AHQQIGMEVLNRVKDDLQELAVVESFPTKIEGR.Q	40
PLOG-3380	proteomics_log	1798159	1798263	-	5	2	R.EM*AHQQIGM*EVLNRVKDDLQELAVVESFPTKIEGR.Q	41
PLOG-3381	proteomics_log	1798159	1798263	-	5	110	R.EMAHQQIGMEVLNRVKDDLQELAVVESFPTKIEGR.Q	39
PLOG-3382	proteomics_log	1798159	1798269	-	5	2	R.GREM*AHQQIGM*EVLNRVKDDLQELAVVESFPTKIEGR.Q	43
PLOG-3383	proteomics_log	1798171	1798221	-	5	44	R.VKDDLQELAVVESFPTK.I	21
PLOG-3384	proteomics_log	1798222	1798263	-	5	4	R.EMAHQQIGM*EVLNR.V	19
PLOG-3385	proteomics_log	1798222	1798263	-	5	4	R.EM*AHQQIGM*EVLNR.V	20
PLOG-3386	proteomics_log	1798222	1798263	-	5	6	R.EM*AHQQIGMEVLNR.V	19
PLOG-3387	proteomics_log	1798222	1798263	-	5	295	R.EMAHQQIGMEVLNR.V	18
PLOG-3388	proteomics_log	1798222	1798269	-	5	2	R.GREMAHQQIGM*EVLNR.V	21
PLOG-3389	proteomics_log	1798222	1798269	-	5	10	R.GREMAHQQIGMEVLNR.V	20
PLOG-3390	proteomics_log	1798222	1798275	-	5	50	R.FRGREMAHQQIGMEVLNR.V	22
PLOG-3391	proteomics_log	1798276	1798314	-	5	130	R.FLEEGDKAKITLR.F	17
PLOG-3392	proteomics_log	1798276	1798326	-	5	39	R.SLIRFLEEGDKAKITLR.F	21
PLOG-3393	proteomics_log	1798279	1798326	-	5	9	R.SLIRFLEEGDKAKITL.R	20
PLOG-3394	proteomics_log	1798288	1798311	-	5	2	F.LEEGDKAK.I	12
PLOG-3395	proteomics_log	1798288	1798314	-	5	55	R.FLEEGDKAK.I	13
PLOG-3396	proteomics_log	1798288	1798326	-	5	74	R.SLIRFLEEGDKAK.I	17
PLOG-3397	proteomics_log	1798327	1798371	-	5	202	K.FRPGTDEGDYQVKLR.S	19
PLOG-3398	proteomics_log	1798327	1798377	-	5	6	E.IKFRPGTDEGDYQVKLR.S	21
PLOG-3399	proteomics_log	1798327	1798380	-	5	55	K.EIKFRPGTDEGDYQVKLR.S	22

PLOG-3400	proteomics_log	1798327	1798395	-	5	7	K.VIQVKEIKFRPGTDEGDYQVKLR.S	27
PLOG-3401	proteomics_log	1798333	1798371	-	5	162	K.FRPGTDEGDYQVK.L	17
PLOG-3402	proteomics_log	1798333	1798377	-	5	4	E.IKFRPGTDEGDYQVK.L	19
PLOG-3403	proteomics_log	1798333	1798380	-	5	38	K.EIKFRPGTDEGDYQVK.L	20
PLOG-3404	proteomics_log	1798333	1798395	-	5	2	K.VIQVKEIKFRPGTDEGDYQVK.L	25
PLOG-3405	proteomics_log	1798372	1798395	-	5	8	K.VIQVKEIK.F	12
PLOG-3406	proteomics_log	1798372	1798401	-	5	2	K.QKVIQVKEIK.F	14
PLOG-3407	proteomics_log	1798426	1798464	-	5	3	R.IM*DYGKFLYEKSK.S	18
PLOG-3408	proteomics_log	1798432	1798464	-	5	5	R.IM*DYGKFLYEK.S	16
PLOG-3409	proteomics_log	1798432	1798464	-	5	63	R.IMDYGKFLYEK.S	15
PLOG-3410	proteomics_log	1798465	1798587	-	5	10	R.LTGLEGEQLGIVSLREALEKAEEAGVDLVEISPNAEPPVCR.I	45
PLOG-3411	proteomics_log	1798528	1798587	-	5	4	R.LTGLEGEQLGIVSLREALEK.A	24
PLOG-3412	proteomics_log	1798543	1798587	-	5	10	R.LTGLEGEQLGIVSLR.E	19
PLOG-3413	proteomics_log	1798588	1798644	-	5	2	R.VQTARPNRINGEIRAQEV.R.L	23
PLOG-3414	proteomics_log	1798603	1798644	-	5	11	R.VQTARPNRINGEIR.A	18
PLOG-3415	proteomics_log	1798690	1798758	-	5	5	R.GKDLGSM DVNEVIEKLQQEIRSR.S	27
PLOG-3416	proteomics_log	1798690	1798761	-	5	4	R.RGKDLGSM*DVNEVIEKLQQEIRSR.S	29
PLOG-3417	proteomics_log	1798696	1798752	-	5	4	K.DLGSM DVNEVIEKLQQEIR.S	23
PLOG-3418	proteomics_log	1798696	1798758	-	5	99	R.GKDLGSM DVNEVIEKLQQEIR.S	25
PLOG-3419	proteomics_log	1798696	1798761	-	5	6	R.RGKDLGSM*DVNEVIEKLQQEIR.S	27
PLOG-3420	proteomics_log	1798696	1798761	-	5	80	R.RGKDLGSM DVNEVIEKLQQEIR.S	26
PLOG-3421	proteomics_log	1798696	1798767	-	5	2	R.TRRGKDLGSM DVNEVIEKLQQEIR.S	28
PLOG-3422	proteomics_log	1798714	1798752	-	5	4	K.DLGSM*DVNEVIEK.L	18
PLOG-3423	proteomics_log	1798714	1798758	-	5	2	R.GKDLGSM*DVNEVIEK.L	20
PLOG-3424	proteomics_log	1798714	1798758	-	5	13	R.GKDLGSM DVNEVIEK.L	19
PLOG-3425	proteomics_log	1798714	1798761	-	5	2	R.RGKDLGSM DVNEVIEK.L	20
PLOG-3426	proteomics_log	1798768	1798830	-	5	2	R.RVPYMLVCGDKVEESGKVAVR.T	25
PLOG-3427	proteomics_log	1798912	1799034	-	5	3	R.FIGILTEEFAGFFPTWLAPVQVIMNITDSQSEYVNELTQK.L	45
PLOG-3428	proteomics_log	1799083	1799118	-	5	6	R.LSASYVGEDNER.K	16
PLOG-3429	proteomics_log	1799692	1799748	-	5	3	R.SKLLKEYQYQEVKGPFM*M*DR.V	25
PLOG-3430	proteomics_log	1799713	1799748	-	5	2	R.SKLLKEYQYQEVK.G	16
PLOG-3431	proteomics_log	1799770	1799847	-	5	13	K.QLDLYHMQEEAPGMVFWHNDGWTIFR.E	30
PLOG-3432	proteomics_log	1800184	1800225	-	5	2	R.M*HELAEKNYDVIKK.K	19
PLOG-3433	proteomics_log	1800226	1800321	-	5	2	K.MAIGPVIDNGFYDVLDR.LTQEDVEALEKR.M	36
PLOG-3434	proteomics_log	1800229	1800264	-	5	5	R.LTQEDVEALEK.R	16
PLOG-3435	proteomics_log	1800265	1800321	-	5	3	K.M*AIGPVIDNGFYDVLDR.T	24
PLOG-3436	proteomics_log	1800265	1800321	-	5	20	K.MAIGPVIDNGFYDVLDR.T	23
PLOG-3437	proteomics_log	1800379	1800405	-	5	3	K.DEEGLEIIR.H	13
PLOG-3438	proteomics_log	1800496	1800558	-	5	105	R.HYDHAVSPMDVALDIGPGLAK.A	25
PLOG-3439	proteomics_log	1800496	1800591	-	5	12	M.PVITLPDGSQRHYDHAVSPMDVALDIGPGLAK.A	36
PLOG-3440	proteomics_log	1800559	1800591	-	5	47	M.PVITLPDGSQR.H	15
PLOG-3441	proteomics_log	1803988	1804032	-	5	3	A.DDSVFTVM*DDPASAK.K	20
PLOG-3442	proteomics_log	1818885	1818908	-	4	2	R.KVDALAAG.L	12
PLOG-3443	proteomics_log	1819362	1819436	-	4	2	R.LLPNKPVEIDSLLYGKVDGLGLVK.A	29
PLOG-3444	proteomics_log	1820053	1820085	-	5	3	R.GTCQTYILGQR.D	15
PLOG-3445	proteomics_log	1820086	1820145	-	5	46	R.AQVAQIAGKPSSEVSM*IHAR.G	25

PLOG-3446	proteomics_log	1820086	1820145	-	5	336	R.AQVAQIAGKPSSEVSMIHAR.G	24
PLOG-3447	proteomics_log	1820197	1820286	-	5	3	G.RNMNKNM*AGILSAAAVLTMLAGCTAYDRTK.D	35
PLOG-3448	proteomics_log	1823992	1824027	-	5	2	V.GSVGITRGINAR.K	16
PLOG-3449	proteomics_log	1824991	1825029	-	5	2	R.EGREALDVLSQLL.N	17
PLOG-3450	proteomics_log	1829512	1829583	-	5	2	R.TLFTVSAGGQPAYSQDFAPLPADI.R	28
PLOG-3451	proteomics_log	1845163	1845204	-	5	27	R.NFASYGHLMGEMPR.E	18
PLOG-3452	proteomics_log	1845205	1845234	-	5	2	K.LGAVPPGTER.N	14
PLOG-3453	proteomics_log	1845262	1845285	-	5	2	R.VDYEAIPIK.L	12
PLOG-3454	proteomics_log	1845286	1845363	-	5	4	K.AMTDVTGFGLLGHLSEMCQGAGVQAR.V	30
PLOG-3455	proteomics_log	1845364	1845408	-	5	2	R.M*NIAGASFANIEGVK.A	20
PLOG-3456	proteomics_log	1845364	1845408	-	5	25	R.MNIAGASFANIEGVK.A	19
PLOG-3457	proteomics_log	1845460	1845513	-	5	97	K.LFLTGPLGIGVLTAEKK.S	22
PLOG-3458	proteomics_log	1845463	1845513	-	5	4	K.LFLTGPLGIGVLTAEK.K	21
PLOG-3459	proteomics_log	1845550	1845642	-	5	117	R.QAGIALAGGHSIDAPEPIFGLAVTGIVPTER.V	35
PLOG-3460	proteomics_log	1845676	1845786	-	5	53	R.IAATNAISDIFAMGGKPIMAIAILGWPINKLSPEIAR.E	41
PLOG-3461	proteomics_log	1845697	1845786	-	5	52	R.IAATNAISDIFAMGGKPIMAIAILGWPINK.L	34
PLOG-3462	proteomics_log	1845787	1845885	-	5	2	R.DDAAVYDLGNGTSVISTTDFFM*PIVDNPFDFGR.I	38
PLOG-3463	proteomics_log	1845886	1845924	-	5	4	K.FVDPNLLVGNETR.D	17
PLOG-3464	proteomics_log	1845886	1845960	-	5	3	K.VLETILHSEQAKFVDPNLLVGNETR.D	29
PLOG-3465	proteomics_log	1845925	1845960	-	5	125	K.VLETILHSEQAK.F	16
PLOG-3466	proteomics_log	1846152	1846202	-	4	121	K.ASTSINVPDPTPFVITYF.-	21
PLOG-3467	proteomics_log	1846203	1846253	-	4	12	R.EQDKIVGFLLYLGTPQLK.A	21
PLOG-3468	proteomics_log	1846272	1846304	-	4	15	R.SGALTESPVVR.E	15
PLOG-3469	proteomics_log	1846416	1846460	-	4	104	R.NAPFRAPLIITVVAK.C	19
PLOG-3470	proteomics_log	1846461	1846529	-	4	89	R.FSAVLEQGAIAAGSDDKAIDKAR.N	27
PLOG-3471	proteomics_log	1846536	1846580	-	4	49	K.SMQPWHFFVIEGEGR.E	19
PLOG-3472	proteomics_log	1846608	1846655	-	4	185	R.LAEPAPTGEQLQNILR.A	20
PLOG-3473	proteomics_log	1846671	1846700	-	4	52	Q.MDALELLINR.R	14
PLOG-3474	proteomics_log	1848564	1848596	-	4	3	N.MAWNASGNIAR.T	15
PLOG-3475	proteomics_log	1854428	1854478	-	6	8	T.QAKARQM*IICADM*IKPR.L	23
PLOG-3476	proteomics_log	1859111	1859149	-	6	2	Q.VGEKVKDWKVGQR.V	17
PLOG-3477	proteomics_log	1859948	1859998	-	6	20	I.MNLDDIINSMMPEVYQR.L	21
PLOG-3478	proteomics_log	1860043	1860078	-	5	38	R.FTDGENGEEING.-	16
PLOG-3479	proteomics_log	1860184	1860216	-	5	2	R.YIKDLSHGM*QR.I	16
PLOG-3480	proteomics_log	1860184	1860216	-	5	4	R.YIKDLSHGMQR.I	15
PLOG-3481	proteomics_log	1860418	1860450	-	5	65	M.ANKPSAEELKK.N	15
PLOG-3482	proteomics_log	1863753	1863833	-	4	8	R.LSDEVTDSPMVDKSWTGLISTGITYKF.-	31
PLOG-3483	proteomics_log	1878229	1878246	-	5	2	T.QYIRTK.K	10
PLOG-3484	proteomics_log	1887162	1887251	-	4	3	R.LVPKYHLPDAISFRSALHNGYRMQYVKPEL.V	34
PLOG-3485	proteomics_log	1887360	1887437	-	4	2	R.ELEHQLNDSGASAIVIVSNFAHTLEK.V	30
PLOG-3486	proteomics_log	1887483	1887542	-	4	3	R.VALMMPNLLQYPVALFGILR.A	24
PLOG-3487	proteomics_log	1888344	1888373	-	4	2	K.VVAVQNQQGK.T	14
PLOG-3488	proteomics_log	1888386	1888430	-	4	4	V.RVMSAPQLYVGQEAR.F	19
PLOG-3489	proteomics_log	1888635	1888673	-	4	2	K.TVAVEHAEPVYLR.N	17
PLOG-3490	proteomics_log	1888977	1889075	-	4	3	R.IGIGIAQGLALGAELPMIGVSTLMTMAQGAWRK.N	37
PLOG-3491	proteomics_log	1889076	1889180	-	4	6	R.ILPMVQDILTTSGLTDINALAYGRGPGSFTGVR.I	39

PLOG-3492	proteomics_log	1889103	1889180	-	4	11	R.ILPMVQDILTTSGTSLTDINALAYGR.G	30
PLOG-3493	proteomics_log	1900680	1900730	-	4	2	T.TCAVTPGGATWVSSVLR.T	21
PLOG-3494	proteomics_log	1904911	1904952	-	5	2	R.SRDPGDSAEM*M*QAR.R	20
PLOG-3495	proteomics_log	1905253	1905282	-	5	64	K.GPAAVNVTAI.-	14
PLOG-3496	proteomics_log	1905253	1905333	-	5	369	K.TLAEQNVEFEIQDGQKGPAAVNVTAI.-	31
PLOG-3497	proteomics_log	1905253	1905378	-	5	32	K.DVHVHFSAIQNGGFKTLAEGQNVFEIQDGQKGPAAVNVTAI.-	46
PLOG-3498	proteomics_log	1905283	1905333	-	5	106	K.TLAEQNVEFEIQDGQK.G	21
PLOG-3499	proteomics_log	1905334	1905372	-	5	5	V.FVHFSAIQNGGFK.T	17
PLOG-3500	proteomics_log	1905334	1905378	-	5	521	K.DVHVHFSAIQNGGFK.T	19
PLOG-3501	proteomics_log	1905334	1905414	-	5	142	K.GFGFITPADGSKDVFVHFSAIQNGGFK.T	31
PLOG-3502	proteomics_log	1905334	1905432	-	5	16	K.WFNESKGFGITPADGSKDVFVHFSAIQNGGFK.T	37
PLOG-3503	proteomics_log	1905379	1905414	-	5	482	K.GFGFITPADGSK.D	16
PLOG-3504	proteomics_log	1905379	1905432	-	5	332	K.WFNESKGFGITPADGSK.D	22
PLOG-3505	proteomics_log	1905379	1905450	-	5	4	K.IKGQVKWFNESKGFGITPADGSK.D	28
PLOG-3506	proteomics_log	1905379	1905456	-	5	101	M.AKIKGQVKWFNESKGFGITPADGSK.D	30
PLOG-3507	proteomics_log	1905415	1905444	-	5	2	K.GQVKWFNESK.G	14
PLOG-3508	proteomics_log	1905415	1905450	-	5	3	K.IKGQVKWFNESK.G	16
PLOG-3509	proteomics_log	1905415	1905456	-	5	152	M.AKIKGQVKWFNESK.G	18
PLOG-3510	proteomics_log	1905433	1905456	-	5	65	M.AKIKGQVK.W	12
PLOG-3511	proteomics_log	1905433	1905459	-	5	4	Q.MAKIKGQVK.W	13
PLOG-3512	proteomics_log	1906362	1906442	-	4	5	L.NCLRRCWISKNVKM*HCYVVCAKQTNQR.K	32
PLOG-3513	proteomics_log	1907374	1907427	-	5	2	R.FSEERLQEYVAMLHTAAR.K	22
PLOG-3514	proteomics_log	1907551	1907598	-	5	4	R.TITSTEALLPVLDQVR.E	20
PLOG-3515	proteomics_log	1907677	1907706	-	5	2	R.NPLYSTAIGK.V	14
PLOG-3516	proteomics_log	1907851	1907877	-	5	17	R.ALQNVDLIR.S	13
PLOG-3517	proteomics_log	1908004	1908069	-	5	27	K.VFGILQALGEEREIGITELSQR.V	26
PLOG-3518	proteomics_log	1908034	1908069	-	5	9	K.VFGILQALGEER.E	16
PLOG-3519	proteomics_log	1910795	1910827	-	6	136	K.ARPAEQPAPVK.-	15
PLOG-3520	proteomics_log	1910795	1910836	-	6	4	K.LEKARPAEQPAPVK.-	18
PLOG-3521	proteomics_log	1910828	1910920	-	6	3	K.KLDDLPKDYQEPDPYLDETVNIALDLAKLEK.A	35
PLOG-3522	proteomics_log	1910837	1910899	-	6	8	K.DYQEPDPYLDETVNIALDLAK.L	25
PLOG-3523	proteomics_log	1910837	1910920	-	6	28	K.KLDDLPKDYQEPDPYLDETVNIALDLAK.L	32
PLOG-3524	proteomics_log	1911005	1911034	-	6	3	R.NIVSLNYAVR.E	14
PLOG-3525	proteomics_log	1911035	1911058	-	6	7	R.FNAMKDKR.N	12
PLOG-3526	proteomics_log	1911059	1911106	-	6	4	R.IAKDPEFQNIM*KDIAR.F	21
PLOG-3527	proteomics_log	1911059	1911106	-	6	13	R.IAKDPEFQNIMKDIAR.F	20
PLOG-3528	proteomics_log	1911107	1911160	-	6	3	K.SGDLTAFEPELLKEHNAR.I	22
PLOG-3529	proteomics_log	1911311	1911376	-	6	2	R.IYDQMLRPEWPALGVSQYTIQK.F	26
PLOG-3530	proteomics_log	1911389	1911442	-	6	3	R.ALVVGEPTFGKGTVQQYR.S	22
PLOG-3531	proteomics_log	1911443	1911496	-	6	5	R.FSASASEIFAAAMQDYGR.A	22
PLOG-3532	proteomics_log	1911581	1911661	-	6	16	R.SNGGGALTEAVSLSGLFIPAGPIVQVR.D	31
PLOG-3533	proteomics_log	1911695	1911772	-	6	4	K.VGVLDIPGFYVGLTDDVKVQLQKLEK.Q	30
PLOG-3534	proteomics_log	1911719	1911772	-	6	11	K.VGVLDIPGFYVGLTDDVK.V	22
PLOG-3535	proteomics_log	1912145	1912180	-	6	3	R.EIDPHTNYLSPR.N	16
PLOG-3536	proteomics_log	1912181	1912237	-	6	51	R.LAQTNSDVFSLAMTAFAR.E	23
PLOG-3537	proteomics_log	1912391	1912462	-	6	9	R.YQYALSVLEKPMDFGTNDTYNLDR.S	28

PLOG-3538	proteomics_log	1912475	1912525	-	6	13	R.SGKLDVFDLYNLAQKR.R	21
PLOG-3539	proteomics_log	1912478	1912525	-	6	8	R.SGKLDVFDLYNLAQK.R	20
PLOG-3540	proteomics_log	1912556	1912621	-	6	15	R.YLNLLDYSHNVLLASDVEQFAK.K	26
PLOG-3541	proteomics_log	1912556	1912633	-	6	29	K.IFDRYLNLLDYSHNVLLASDVEQFAK.K	30
PLOG-3542	proteomics_log	1912634	1912678	-	6	10	R.SHYRQFDLDQAFSAK.I	19
PLOG-3543	proteomics_log	1912881	1912916	-	4	18	R.VQLNSGMSLIVR.A	16
PLOG-3544	proteomics_log	1912917	1912973	-	4	2	K.AGQNAMDATVLEITKDGVR.V	23
PLOG-3545	proteomics_log	1912917	1912979	-	4	2	K.VKAGQNAMDATVLEITKDGVR.V	25
PLOG-3546	proteomics_log	1912929	1912973	-	4	13	K.AGQNAMDATVLEITK.D	19
PLOG-3547	proteomics_log	1912974	1913057	-	4	4	K.TVKAPREEQHTPVSISALTVGQALKVK.A	32
PLOG-3548	proteomics_log	1913049	1913087	-	4	2	R.AQKPVEKAPKTVK.A	17
PLOG-3549	proteomics_log	1913058	1913087	-	4	55	R.AQKPVEKAPK.T	14
PLOG-3550	proteomics_log	1913142	1913192	-	4	2	R.EAAATAGEKEDAPRRER.K	21
PLOG-3551	proteomics_log	1913151	1913192	-	4	4	R.EAAATAGEKEDAPR.R	18
PLOG-3552	proteomics_log	1913151	1913198	-	4	23	K.KREAAATAGEKEDAPR.R	20
PLOG-3553	proteomics_log	1913193	1913231	-	4	43	R.VQAQRAEQQAKKR.E	17
PLOG-3554	proteomics_log	1913199	1913231	-	4	36	R.VQAQRAEQQAK.K	15
PLOG-3555	proteomics_log	1913232	1913258	-	4	22	R.KQLEEAKAR.V	13
PLOG-3556	proteomics_log	1913319	1913351	-	4	56	R.YLYGVKPGATR.V	15
PLOG-3557	proteomics_log	1913352	1913384	-	4	3	R.SALRLYTSSWR.Y	15
PLOG-3558	proteomics_log	1913385	1913417	-	4	3	A.GEMNLSKTQLR.S	15
PLOG-3559	proteomics_log	1913385	1913453	-	4	10	K.IGIFQDLVDRVAGEMNLSKTQLR.S	27
PLOG-3560	proteomics_log	1913397	1913423	-	4	5	R.VAGEMNLSK.T	13
PLOG-3561	proteomics_log	1913397	1913453	-	4	14	K.IGIFQDLVDRVAGEMNLSK.T	23
PLOG-3562	proteomics_log	1913424	1913453	-	4	28	K.IGIFQDLVDR.V	14
PLOG-3563	proteomics_log	1913499	1913525	-	4	2	K.EVIAFLAER.F	13
PLOG-3564	proteomics_log	1913499	1913540	-	4	3	K.LNSKEVIAFLAER.F	18
PLOG-3565	proteomics_log	1913499	1913558	-	4	3	F.M*ENQPKNLSSKEVIAFLAER.F	25
PLOG-3566	proteomics_log	1913658	1913705	-	4	2	K.VLATTDYKFFASVAG.-	20
PLOG-3567	proteomics_log	1913679	1913705	-	4	8	K.VLATTDYKK.F	13
PLOG-3568	proteomics_log	1913679	1913759	-	4	4	R.FTDEDEQGLRQLVAQLEKVLATTDYKK.F	31
PLOG-3569	proteomics_log	1913706	1913759	-	4	10	R.FTDEDEQGLRQLVAQLEK.V	22
PLOG-3570	proteomics_log	1913730	1913759	-	4	32	R.FTDEDEQGLR.Q	14
PLOG-3571	proteomics_log	1913760	1913807	-	4	43	K.NQIIGVLDIDSTVFR.F	20
PLOG-3572	proteomics_log	1913964	1914038	-	4	2	R.LTDINWAGFYLLEDDTLVLGPFQGK.I	29
PLOG-3573	proteomics_log	1914039	1914116	-	4	4	R.DFNALMAGETSFLATLANTSALLYER.L	30
PLOG-3574	proteomics_log	1914039	1914143	-	4	19	K.TEFYADLNRDFNALMAGETSFLATLANTSALLYER.L	39
PLOG-3575	proteomics_log	1914039	1914152	-	4	4	I.M*NKTEFYADLNRDFNALMAGETSFLATLANTSALLYER.L	43
PLOG-3576	proteomics_log	1914039	1914152	-	4	126	I.MNKTEFYADLNRDFNALMAGETSFLATLANTSALLYER.L	42
PLOG-3577	proteomics_log	1914747	1914794	-	4	2	N.ADQVDIEHYPLFKSLK.H	20
PLOG-3578	proteomics_log	1921407	1921433	-	4	6	K.MSLAPFIER.A	13
PLOG-3579	proteomics_log	1921434	1921493	-	4	2	K.TNAQPISVIQIDDPNNGEK.M	24
PLOG-3580	proteomics_log	1921644	1921670	-	4	14	A.APQVITVSR.F	13
PLOG-3581	proteomics_log	1922772	1922801	-	4	6	K.ITGPKNENIK.T	14
PLOG-3582	proteomics_log	1926383	1926427	-	6	2	K.IFFPDASTAFVFIW.K	19
PLOG-3583	proteomics_log	1927591	1927644	-	5	6	K.LLVPALGGLAGLLVANK.S	22

PLOG-3584	proteomics_log	1928064	1928087	-	4	4	K.AGMAEYQR.R	12
PLOG-3585	proteomics_log	1928070	1928132	-	4	3	R.GKSADIHQVSVDCCKAGM*AEY.Q	26
PLOG-3586	proteomics_log	1928133	1928213	-	4	2	G.QADPVAVVSLQDIQKDDKWSVPLTVR.G	31
PLOG-3587	proteomics_log	1928133	1928222	-	4	32	K.IVGQADPVAVVSLQDIQKDDKWSVPLTVR.G	34
PLOG-3588	proteomics_log	1928724	1928753	-	4	3	K.YVVIREGEEK.M	14
PLOG-3589	proteomics_log	1930142	1930165	-	6	24	R.EAVEGAKL.-	12
PLOG-3590	proteomics_log	1930142	1930174	-	6	5	K.LAREAVEGAKL.-	15
PLOG-3591	proteomics_log	1930166	1930252	-	6	2	K.SVLCIGGSWLVPADALEAGDYDRITKLAR.E	33
PLOG-3592	proteomics_log	1930175	1930252	-	6	6	K.SVLCIGGSWLVPADALEAGDYDRITK.L	30
PLOG-3593	proteomics_log	1930271	1930309	-	6	4	R.FCPTGGISPANYR.D	17
PLOG-3594	proteomics_log	1930310	1930348	-	6	154	K.ALQAIAGPFSQVR.F	17
PLOG-3595	proteomics_log	1930322	1930348	-	6	2	K.ALQAIAGPF.S	13
PLOG-3596	proteomics_log	1930391	1930474	-	6	20	K.AATEGTIPLIPGISTVSELMLGMDYGLK.E	32
PLOG-3597	proteomics_log	1930475	1930552	-	6	8	N.PQQLAEVTEAGAQFAISPLTEPLLK.A	30
PLOG-3598	proteomics_log	1930475	1930594	-	6	50	K.EVPEAIVGAGTVLNPQQLAEVTEAGAQFAISPLTEPLLK.A	44
PLOG-3599	proteomics_log	1930475	1930606	-	6	30	R.AIAKEVPEAIVGAGTVLNPQQLAEVTEAGAQFAISPLTEPLLK.A	48
PLOG-3600	proteomics_log	1930607	1930633	-	6	4	R.TECAVDAIR.A	13
PLOG-3601	proteomics_log	1930607	1930654	-	6	2	R.VLEVTLRTECAVDAIR.A	20
PLOG-3602	proteomics_log	1930634	1930654	-	6	4	R.VLEVTLR.T	11
PLOG-3603	proteomics_log	1930679	1930705	-	6	9	K.LEHAVPMAK.A	13
PLOG-3604	proteomics_log	1930679	1930708	-	6	35	K.KLEHAVPM*AK.A	15
PLOG-3605	proteomics_log	1930679	1930708	-	6	93	K.KLEHAVPMAK.A	14
PLOG-3606	proteomics_log	1930679	1930765	-	6	6	K.TSAESILTTGPVVPVIVVKKLEHAVPMAK.A	33
PLOG-3607	proteomics_log	1930706	1930765	-	6	15	K.TSAESILTTGPVVPVIVVKK.L	24
PLOG-3608	proteomics_log	1930706	1930780	-	6	2	L.MKNWK TSAESILTTGPVVPVIVVKK.L	29
PLOG-3609	proteomics_log	1930709	1930765	-	6	346	K.TSAESILTTGPVVPVIVVKK.K	23
PLOG-3610	proteomics_log	1930709	1930780	-	6	2	L.M*KNWK TSAESILTTGPVVPVIVVKK.K	29
PLOG-3611	proteomics_log	1930709	1930780	-	6	93	L.MKNWK TSAESILTTGPVVPVIVVKK.K	28
PLOG-3612	proteomics_log	1933025	1933048	-	6	3	R.GIQALFVR.R	12
PLOG-3613	proteomics_log	1933451	1933483	-	6	13	R.GQYTAGFAQGK.K	15
PLOG-3614	proteomics_log	1933451	1933492	-	6	2	K.TVRGQYTAGFAQGK.K	18
PLOG-3615	proteomics_log	1933727	1933765	-	6	5	R.FANSLFVNNWDNR.T	17
PLOG-3616	proteomics_log	1933766	1933816	-	6	14	R.IDHYLGKETVLNLLALR.F	21
PLOG-3617	proteomics_log	1933913	1933951	-	6	2	K.GLGEAKLNAKPAR.V	17
PLOG-3618	proteomics_log	1934012	1934035	-	6	12	R.LGAMLDQK.N	12
PLOG-3619	proteomics_log	1934084	1934149	-	6	18	R.EALETFMKETIDEGLWDTLSAR.L	26
PLOG-3620	proteomics_log	1934084	1934158	-	6	30	K.VVREALETFMKETIDEGLWDTLSAR.L	29
PLOG-3621	proteomics_log	1934234	1934269	-	6	12	R.RKLLPSLYQLEK.A	16
PLOG-3622	proteomics_log	1935125	1935160	-	6	3	I.SSEYTTGTLKRK.N	16
PLOG-3623	proteomics_log	1938588	1938689	-	4	2	R.VRQCFQWVTVKWWLPNAVAQQVIMWLFVMAATP.R	38
PLOG-3624	proteomics_log	1938883	1938978	-	5	22	K.KGDEFVFLMSREM*LDGKREQSQLLGVRLRSEG.K	37
PLOG-3625	proteomics_log	1939117	1939182	-	5	6	R.ETRTYDRTAANGFKMTSEM*QQG.E	27
PLOG-3626	proteomics_log	1939681	1939740	-	5	24	K.TSYSEFLSQLANQYASCLK.G.D	24
PLOG-3627	proteomics_log	1939693	1939740	-	5	3	K.TSYSEFLSQLANQYAS.C	20
PLOG-3628	proteomics_log	1939696	1939740	-	5	9	K.TSYSEFLSQLANQYA.S	19
PLOG-3629	proteomics_log	1939699	1939740	-	5	2	K.TSYSEFLSQLANQYA.A	18

PLOG-3630	proteomics_log	1939702	1939740	-	5	3	K.TSYSEFLSQLANQ.Y	17
PLOG-3631	proteomics_log	1939705	1939740	-	5	6	K.TSYSEFLSQLAN.Q	16
PLOG-3632	proteomics_log	1939708	1939740	-	5	2	K.TSYSEFLSQLA.N	15
PLOG-3633	proteomics_log	1939741	1939785	-	5	14	R.M*GTLDPGLGTNIKLGK.T	20
PLOG-3634	proteomics_log	1939741	1939785	-	5	154	R.MGTLDPGLGTNIKLGK.T	19
PLOG-3635	proteomics_log	1939750	1939785	-	5	23	R.M*GTLDPGLGTNIK.L	17
PLOG-3636	proteomics_log	1939750	1939785	-	5	136	R.MGTLDPGLGTNIK.L	16
PLOG-3637	proteomics_log	1939801	1939839	-	5	2	E.PQFRPAVVESVAR.G	17
PLOG-3638	proteomics_log	1939861	1939881	-	5	83	R.TQLVEQK.A	11
PLOG-3639	proteomics_log	1939861	1939896	-	5	32	R.LHEIRTQLVEQK.A	16
PLOG-3640	proteomics_log	1939882	1939962	-	5	2	K.QFGLTPLGHFTVNPEIQPGAQRLHEIR.T	31
PLOG-3641	proteomics_log	1939897	1939962	-	5	177	K.QFGLTPLGHFTVNPEIQPGAQR.L	26
PLOG-3642	proteomics_log	1939897	1940004	-	5	57	K.GYFVFHDAYGYFEKQFGLTPLGHFTVNPEIQPGAQR.L	40
PLOG-3643	proteomics_log	1939963	1939986	-	5	2	H.DAYGYFEK.Q	12
PLOG-3644	proteomics_log	1939963	1940004	-	5	208	K.GYFVFHDAYGYFEK.Q	18
PLOG-3645	proteomics_log	1939993	1940097	-	5	4	R.AKLDANLKDFAEQLASTETQVGNELAPLKGKGYFV.F	39
PLOG-3646	proteomics_log	1940005	1940073	-	5	2	K.DFAEQLASTETQVGNELAPLKGK.G	27
PLOG-3647	proteomics_log	1940005	1940091	-	5	52	K.LDANLKDFAEQLASTETQVGNELAPLKGK.G	33
PLOG-3648	proteomics_log	1940005	1940097	-	5	226	R.AKLDANLKDFAEQLASTETQVGNELAPLKGK.G	35
PLOG-3649	proteomics_log	1940011	1940097	-	5	51	R.AKLDANLKDFAEQLASTETQVGNELAPLKGK.G	33
PLOG-3650	proteomics_log	1940098	1940124	-	5	14	K.LVELM*PQSR.A	14
PLOG-3651	proteomics_log	1940098	1940124	-	5	87	K.LVELMPQSR.A	13
PLOG-3652	proteomics_log	1940098	1940151	-	5	10	R.ATAVAIHGKLVLELM*PQSR.A	23
PLOG-3653	proteomics_log	1940098	1940151	-	5	101	R.ATAVAIHGKLVLELMPQSR.A	22
PLOG-3654	proteomics_log	1940125	1940151	-	5	192	R.ATAVAIHGK.L	13
PLOG-3655	proteomics_log	1940152	1940217	-	5	4	K.SDEDHHHGDFNMHLWLSPEIAR.A	26
PLOG-3656	proteomics_log	1940218	1940259	-	5	18	K.SIHGDDDDHDHAEK.S	18
PLOG-3657	proteomics_log	1940260	1940307	-	5	12	K.QVTIAQLEDVKPLLM*K.S	21
PLOG-3658	proteomics_log	1940260	1940307	-	5	270	K.QVTIAQLEDVKPLLMK.S	20
PLOG-3659	proteomics_log	1940260	1940322	-	5	2	K.LPGAKQVTIAQLEDVKPLLM*K.S	26
PLOG-3660	proteomics_log	1940260	1940322	-	5	56	K.LPGAKQVTIAQLEDVKPLLMK.S	25
PLOG-3661	proteomics_log	1940269	1940307	-	5	3	K.QVTIAQLEDVKPL.L	17
PLOG-3662	proteomics_log	1940308	1940394	-	5	3	R.LQNADLVVVVVGPEM*EAFM*QKPVSKLPGAK.Q	35
PLOG-3663	proteomics_log	1940308	1940394	-	5	40	R.LQNADLVVVVVGPEMEAFM*QKPVSKLPGAK.Q	33
PLOG-3664	proteomics_log	1940308	1940397	-	5	2	K.RLQNADLVVVVVGPEM*EAFM*QKPVSKLPGAK.Q	36
PLOG-3665	proteomics_log	1940308	1940397	-	5	66	K.RLQNADLVVVVVGPEMEAFM*QKPVSKLPGAK.Q	34
PLOG-3666	proteomics_log	1940323	1940394	-	5	54	R.LQNADLVVVVVGPEMEAFM*QKPVSK.L	28
PLOG-3667	proteomics_log	1940323	1940397	-	5	55	K.RLQNADLVVVVVGPEMEAFM*QKPVSK.L	29
PLOG-3668	proteomics_log	1940395	1940469	-	5	3	V.TETEVLDPDGASEHDYSLRPSDVKR.L	29
PLOG-3669	proteomics_log	1940395	1940529	-	5	167	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.L	49
PLOG-3670	proteomics_log	1940398	1940529	-	5	245	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.R	48
PLOG-3671	proteomics_log	1943030	1943101	-	6	2	K.AGDLAAMLNLEPHDVLFIIDEIHR.L	28
PLOG-3672	proteomics_log	1943177	1943233	-	6	2	K.LRGDALDHLLIFGPPGLGK.T	23
PLOG-3673	proteomics_log	1943665	1943748	-	5	4	K.LALAILSGMSAQQFVNAVEREEVGALVK.L	32
PLOG-3674	proteomics_log	1945146	1945178	-	4	2	N.ADSALKLGQAR.G	15
PLOG-3675	proteomics_log	1945438	1945521	-	5	5	R.LIDMLEDCDDVQEVYHNGEISDEVAATL.-	32

PLOG-3676	proteomics_log	1945531	1945560	-	5	13	K.ADM*DAETAPK.L	15
PLOG-3677	proteomics_log	1945531	1945560	-	5	40	K.ADMAETAPK.L	14
PLOG-3678	proteomics_log	1945561	1945599	-	5	3	K.ADSAEVSM*IPSTK.A	18
PLOG-3679	proteomics_log	1945561	1945626	-	5	2	R.DALEAAGLKADSAEVSMIPSTK.A	26
PLOG-3680	proteomics_log	1945768	1945818	-	5	3	K.CGGNLGTDGSVAYLFSK.K	21
PLOG-3681	proteomics_log	1945972	1946025	-	5	2	R.AAVDKALSNNMTRDTLNR.A	22
PLOG-3682	proteomics_log	1945987	1946025	-	5	6	R.AAVDKALSNNM*TR.D	18
PLOG-3683	proteomics_log	1945987	1946025	-	5	222	R.AAVDKALSNNMTR.D	17
PLOG-3684	proteomics_log	1946026	1946094	-	5	4	K.IIRELVTAAKLGGGDPDANPRLR.A	27
PLOG-3685	proteomics_log	1946032	1946064	-	5	181	K.LGGGDPDANPR.L	15
PLOG-3686	proteomics_log	1946032	1946076	-	5	8	V.TAAKLGGGDPDANPR.L	19
PLOG-3687	proteomics_log	1946032	1946094	-	5	39	K.IIRELVTAAKLGGGDPDANPR.L	25
PLOG-3688	proteomics_log	1946065	1946094	-	5	58	K.IIRELVTAAK.L	14
PLOG-3689	proteomics_log	1946143	1946172	-	5	7	M.AGHSKWANTR.H	14
PLOG-3690	proteomics_log	1946981	1947007	-	6	30	K.FGFLLDALK.Y	13
PLOG-3691	proteomics_log	1946981	1947079	-	6	4	R.IHNGDMQQTVFGILGINEEEQREKFGFLLDALK.Y	37
PLOG-3692	proteomics_log	1947008	1947079	-	6	16	R.IHNGDMQQTVFGILGINEEEQREK.F	28
PLOG-3693	proteomics_log	1947080	1947157	-	6	3	K.AAPENAVANAYDM*VINGYEVGGGSVR.I	31
PLOG-3694	proteomics_log	1947080	1947157	-	6	48	K.AAPENAVANAYDMVINGYEVGGGSVR.I	30
PLOG-3695	proteomics_log	1947182	1947274	-	6	23	K.WAPLWVIDFPMFEDDGEGGLTAMHHPFTSPK.D	35
PLOG-3696	proteomics_log	1947275	1947310	-	6	8	K.VGKDLGLTDESK.W	16
PLOG-3697	proteomics_log	1947275	1947316	-	6	2	R.LKVGKDLGLTDESK.W	18
PLOG-3698	proteomics_log	1947317	1947346	-	6	19	K.IVADAMGALR.L	14
PLOG-3699	proteomics_log	1947317	1947397	-	6	6	R.TAAQDGDMIFFGADNKKIVADAMGALR.L	31
PLOG-3700	proteomics_log	1947317	1947436	-	6	9	K.FLNAEIIEDILDRATAAQDGDMIFFGADNKKIVADAMGALR.L	44
PLOG-3701	proteomics_log	1947347	1947436	-	6	3	K.FLNAEIIEDILDRATAAQDGDMIFFGADNKK.I	35
PLOG-3702	proteomics_log	1947347	1947436	-	6	137	K.FLNAEIIEDILDRATAAQDGDMIFFGADNKK.I	34
PLOG-3703	proteomics_log	1947350	1947436	-	6	6	K.FLNAEIIEDILDRATAAQDGDMIFFGADNK.K	33
PLOG-3704	proteomics_log	1947398	1947436	-	6	103	K.FLNAEIIEDILDR.T	17
PLOG-3705	proteomics_log	1947437	1947469	-	6	7	K.GLEGINSVAK.F	15
PLOG-3706	proteomics_log	1947437	1947475	-	6	114	R.AKGLEGINSVAK.F	17
PLOG-3707	proteomics_log	1947476	1947505	-	6	70	K.GLAYIKVNER.A	14
PLOG-3708	proteomics_log	1947506	1947553	-	6	3	R.KQIDEYGNFVKIYGAK.G	20
PLOG-3709	proteomics_log	1947521	1947553	-	6	15	R.KQIDEYGNFVK.I	15
PLOG-3710	proteomics_log	1947551	1947595	-	6	6	R.VAALRVPGGASLTK.Q	19
PLOG-3711	proteomics_log	1947554	1947595	-	6	91	R.VAALRVPGGASLTK.K	18
PLOG-3712	proteomics_log	1947602	1947646	-	6	8	K.SVEFAVFAGPANDPK.G	19
PLOG-3713	proteomics_log	1947647	1947685	-	6	3	R.NPMELTDVADLLK.S	17
PLOG-3714	proteomics_log	1947647	1947712	-	6	58	R.YGSDKPDLRNPMELTDVADLLK.S	26
PLOG-3715	proteomics_log	1947647	1947715	-	6	4	R.RYGSDKPDLRNPMELTDVADLLK.S	27
PLOG-3716	proteomics_log	1947716	1947766	-	6	28	K.GVDLGFVPMTFEAER.R	21
PLOG-3717	proteomics_log	1947767	1947787	-	6	10	R.HLWLEVK.G	11
PLOG-3718	proteomics_log	1947953	1947988	-	6	6	K.FYALPQSPQLFK.Q	16
PLOG-3719	proteomics_log	1948046	1948096	-	6	2	R.FMDDHGFLDIETPM*LTK.A	22
PLOG-3720	proteomics_log	1948046	1948096	-	6	2	R.FM*DDHGFLDIETPM*LTK.A	23
PLOG-3721	proteomics_log	1948046	1948096	-	6	134	R.FMDDHGFLDIETPMLTK.A	21

PLOG-3722	proteomics_log	1948046	1948099	-	6	129	R.RFMDDHGFLDIETPMLTK.A	22
PLOG-3723	proteomics_log	1948097	1948123	-	6	7	R.AKITSLVRR.F	13
PLOG-3724	proteomics_log	1948184	1948291	-	6	3	R.DMATGEIEVLASSLTIINRADVLPDLSNHVNTTEAR.L	40
PLOG-3725	proteomics_log	1951696	1951716	-	5	8	L.RISVSMR.L	11
PLOG-3726	proteomics_log	1953340	1953381	-	5	4	E.LLKPGGKEIYTEGK.D	18
PLOG-3727	proteomics_log	1956976	1957041	-	5	2	R.ELGFPGLVTVGLDVGNDVMPR.M	26
PLOG-3728	proteomics_log	1956976	1957041	-	5	2	R.ELGFPGLVTVGLDVGNDVDM*PR.M	27
PLOG-3729	proteomics_log	1957433	1957486	-	6	12	R.ALALLSDEGLSLPGISVK.T	22
PLOG-3730	proteomics_log	1957784	1957867	-	6	3	M.ANWQSIDELQDIASDLPRFIHALDELSR.R	32
PLOG-3731	proteomics_log	1957814	1957867	-	6	4	M.ANWQSIDELQDIASDLPR.F	22
PLOG-3732	proteomics_log	1964420	1964476	-	6	24	K.AGVVASQDQVDDLLDSLGF.-	23
PLOG-3733	proteomics_log	1964525	1964578	-	6	6	R.QLLMVLLLENIPQESRPK.R	22
PLOG-3734	proteomics_log	1964525	1964608	-	6	6	R.MMDVIQEIQRLLMVLLLENIPQESRPK.R	32
PLOG-3735	proteomics_log	1964609	1964716	-	6	9	R.QFLADVPAHTSFTNAQLLEIMMAQDFQDLTGQVIKR.M	40
PLOG-3736	proteomics_log	1964738	1964782	-	6	11	R.WDDWFADPIDLADAR.E	19
PLOG-3737	proteomics_log	1964807	1964857	-	6	4	R.ALNSVEASQPHQDQMEK.S	21
PLOG-3738	proteomics_log	1964906	1964962	-	6	5	R.ELGLDQAIAEAAEIPDAR.D	23
PLOG-3739	proteomics_log	1965002	1965061	-	6	7	T.MMQPSIKPADEHSAGDIIAR.I	24
PLOG-3740	proteomics_log	1965189	1965242	-	4	4	R.ADGAMSALPVLMTAEAK.K	22
PLOG-3741	proteomics_log	1965408	1965440	-	4	9	K.FLVVDDFSTMR.R	15
PLOG-3742	proteomics_log	1965408	1965458	-	4	4	M.ADKELKFLVVDDFSTMR.R	21
PLOG-3743	proteomics_log	1965641	1965736	-	6	3	L.FHSVAKQAGRNAVGVILTGMGNDGAAGMLAMR.Q	36
PLOG-3744	proteomics_log	1966241	1966306	-	6	3	R.LRPMPVVMVSSLTGKGSEVTLR.A	26
PLOG-3745	proteomics_log	1967668	1967721	-	5	20	K.LVNNAATMIDIVSSVTR.V	22
PLOG-3746	proteomics_log	1967668	1967766	-	5	3	K.GLIEESVNRVQQGSKLVNNAATMIDIVSSVTR.V	37
PLOG-3747	proteomics_log	1967767	1967793	-	5	16	R.SAQAAKEIK.G	13
PLOG-3748	proteomics_log	1967767	1967793	-	5	16	R.SAQAAKEIK.G	13
PLOG-3749	proteomics_log	1967794	1967838	-	5	6	R.GFAVVAGEVRNLASR.S	19
PLOG-3750	proteomics_log	1967794	1967838	-	5	6	R.GFAVVAGEVRNLASR.S	19
PLOG-3751	proteomics_log	1967794	1967856	-	5	2	R.AGEQGRGFVVAGEVRNLASR.S	25
PLOG-3752	proteomics_log	1967794	1967856	-	5	2	R.AGEQGRGFVVAGEVRNLASR.S	25
PLOG-3753	proteomics_log	1967794	1967877	-	5	2	N.AAVEAARAGEQGRGFVVAGEVRNLASR.S	32
PLOG-3754	proteomics_log	1967794	1967877	-	5	2	N.AAVEAARAGEQGRGFVVAGEVRNLASR.S	32
PLOG-3755	proteomics_log	1967809	1967838	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3756	proteomics_log	1967809	1967838	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3757	proteomics_log	1967809	1967838	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3758	proteomics_log	1967809	1967838	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3759	proteomics_log	1967809	1967856	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3760	proteomics_log	1967809	1967856	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3761	proteomics_log	1967809	1967856	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3762	proteomics_log	1967857	1967940	-	5	17	K.IGDIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG-3763	proteomics_log	1969057	1969095	-	5	19	R.LRIAEQDPNWETF.-	17
PLOG-3764	proteomics_log	1969096	1969173	-	5	40	R.LAASPLTNKPTPSRPAEQPPAQPR.L	30
PLOG-3765	proteomics_log	1969174	1969200	-	5	21	R.LTQAVSAFR.L	13
PLOG-3766	proteomics_log	1969174	1969275	-	5	4	R.VTQQNASLVQESAAAAAALEEASRLTQAVSAFR.L	38
PLOG-3767	proteomics_log	1969201	1969275	-	5	4	R.VTQQNASLVQESAAAAAALEEASR.L	29

PLOG-3768	proteomics_log	1969201	1969317	-	5	2	R.GIDQVALAVSEM*DRVVTQQNASLVQESAAAAAALEEQASR.L	44
PLOG-3769	proteomics_log	1969201	1969317	-	5	2	R.GIDQVALAVSEMDRVVTQQNASLVQESAAAAAALEEQASR.L	43
PLOG-3770	proteomics_log	1969276	1969317	-	5	4	R.GIDQVALAVSEMDR.V	18
PLOG-3771	proteomics_log	1969318	1969368	-	5	2	R.VTDIM*GEIASASDEQSR.G	22
PLOG-3772	proteomics_log	1969318	1969368	-	5	23	R.VTDIMGEIASASDEQSR.G	21
PLOG-3773	proteomics_log	1969318	1969368	-	5	2	R.VTDIM*GEIASASDEQSR.G	22
PLOG-3774	proteomics_log	1969318	1969368	-	5	23	R.VTDIMGEIASASDEQSR.G	21
PLOG-3775	proteomics_log	1969318	1969440	-	5	4	R.VDTGSVLVESAGETMNNIVNAVTRVTDIMGEIASASDEQSR.G	45
PLOG-3776	proteomics_log	1969369	1969440	-	5	2	R.VDTGSVLVESAGETM*NINIVNAVTR.V	29
PLOG-3777	proteomics_log	1969369	1969440	-	5	53	R.VDTGSVLVESAGETMNNIVNAVTR.V	28
PLOG-3778	proteomics_log	1969369	1969467	-	5	37	K.ALIEDSVSRVDTGSVLVESAGETMNNIVNAVTR.V	37
PLOG-3779	proteomics_log	1969369	1969494	-	5	29	R.SAQAAKEIKALIEDSVSRVDTGSVLVESAGETMNNIVNAVTR.V	46
PLOG-3780	proteomics_log	1969441	1969494	-	5	28	R.SAQAAKEIKALIEDSVSR.V	22
PLOG-3781	proteomics_log	1969468	1969494	-	5	16	R.SAQAAKEIK.G	13
PLOG-3782	proteomics_log	1969468	1969494	-	5	16	R.SAQAAKEIK.G	13
PLOG-3783	proteomics_log	1969495	1969539	-	5	6	R.GFAVVAGEVRNLASR.S	19
PLOG-3784	proteomics_log	1969495	1969539	-	5	6	R.GFAVVAGEVRNLASR.S	19
PLOG-3785	proteomics_log	1969495	1969557	-	5	2	R.AGEQGRGFVVAGEVRNLASR.S	25
PLOG-3786	proteomics_log	1969495	1969557	-	5	2	R.AGEQGRGFVVAGEVRNLASR.S	25
PLOG-3787	proteomics_log	1969495	1969578	-	5	2	N.AAVEAARAGEQGRGFVVAGEVRNLASR.S	32
PLOG-3788	proteomics_log	1969495	1969578	-	5	2	N.AAVEAARAGEQGRGFVVAGEVRNLASR.S	32
PLOG-3789	proteomics_log	1969510	1969539	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3790	proteomics_log	1969510	1969539	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3791	proteomics_log	1969510	1969539	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3792	proteomics_log	1969510	1969539	-	5	46	R.GFAVVAGEVR.N	14
PLOG-3793	proteomics_log	1969510	1969557	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3794	proteomics_log	1969510	1969557	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3795	proteomics_log	1969510	1969557	-	5	15	R.AGEQGRGFVVAGEVR.N	20
PLOG-3796	proteomics_log	1969540	1969641	-	5	33	K.IADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	38
PLOG-3797	proteomics_log	1969540	1969641	-	5	33	K.IADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	38
PLOG-3798	proteomics_log	1969540	1969644	-	5	8	K.KIADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	39
PLOG-3799	proteomics_log	1969540	1969644	-	5	8	K.KIADIISVIDGIAFQTNILALNAAVEAARAGEQGR.G	39
PLOG-3800	proteomics_log	1969558	1969641	-	5	184	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG-3801	proteomics_log	1969558	1969641	-	5	184	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PLOG-3802	proteomics_log	1969558	1969644	-	5	64	K.KIADIISVIDGIAFQTNILALNAAVEAAR.A	33
PLOG-3803	proteomics_log	1969558	1969644	-	5	64	K.KIADIISVIDGIAFQTNILALNAAVEAAR.A	33
PLOG-3804	proteomics_log	1969558	1969674	-	5	4	K.TMHEIADSSKKIADIISVIDGIAFQTNILALNAAVEAAR.A	43
PLOG-3805	proteomics_log	1969642	1969674	-	5	11	K.TMHEIADSSK.I	15
PLOG-3806	proteomics_log	1969645	1969674	-	5	7	K.TMHEIADSSK.K	14
PLOG-3807	proteomics_log	1969696	1969749	-	5	18	R.QASQLAQASASDTAQHGGK.V	22
PLOG-3808	proteomics_log	1969840	1969875	-	5	10	R.EIAAGNTDLSSR.T	16
PLOG-3809	proteomics_log	1969876	1969908	-	5	2	R.EGSDAIYAGTR.E	15
PLOG-3810	proteomics_log	1969876	1969938	-	5	15	R.SLTDTVTHVREGSDAIYAGTR.E	25
PLOG-3811	proteomics_log	1969909	1969938	-	5	20	R.SLTDTVTHVR.E	14
PLOG-3812	proteomics_log	1970353	1970391	-	5	6	K.SMAPLPEMVATSR.N	17
PLOG-3813	proteomics_log	1970398	1970430	-	5	3	K.TLAQAATHYKK.F	15

PLOG-3814	proteomics_log	1970458	1970496	-	5	5	R.MMMDDSSNQSNQSNAK.V	17
PLOG-3815	proteomics_log	1970863	1970916	-	5	8	K.LLNSEEMALLDSAASEVA.-	22
PLOG-3816	proteomics_log	1970863	1970943	-	5	25	R.MLILVNIEKLLNSEEMALLDSAASEVA.-	31
PLOG-3817	proteomics_log	1970917	1970943	-	5	3	R.MLILVNIEK.L	13
PLOG-3818	proteomics_log	1971223	1971258	-	5	2	K.VQEIRGYDQVTR.I	16
PLOG-3819	proteomics_log	1971223	1971336	-	5	2	K.LASEPSGQEFVFTLGDEEYGIDILKVQEIRGYDQVTR.I	42
PLOG-3820	proteomics_log	1971259	1971336	-	5	5	K.LASEPSGQEFVFTLGDEEYGIDILK.V	30
PLOG-3821	proteomics_log	1971337	1971360	-	5	18	M.TGMTNVTK.L	12
PLOG-3822	proteomics_log	1971405	1971503	-	4	4	R.KVPGISAATILGDGSVALIVDVSALQAINREQR.M	37
PLOG-3823	proteomics_log	1971504	1971575	-	4	2	R.YALLVDQLIGQHQQVVKNLESNYR.K	28
PLOG-3824	proteomics_log	1971651	1971683	-	4	2	R.GEYLPIVELWK.V	15
PLOG-3825	proteomics_log	1971699	1971734	-	4	5	R.EADLHPLAGGER.V	16
PLOG-3826	proteomics_log	1971735	1971794	-	4	45	R.VADEVFILPLNAVMEQLQPR.E	24
PLOG-3827	proteomics_log	1971795	1971842	-	4	2	R.ILLPLTLAILDGM*SVR.V	21
PLOG-3828	proteomics_log	1971795	1971842	-	4	57	R.ILLPLTLAILDGMSVR.V	20
PLOG-3829	proteomics_log	1971867	1971896	-	4	13	K.MGGHVEIQSK.Q	14
PLOG-3830	proteomics_log	1971909	1971935	-	4	4	R.GVGMDVVKR.N	13
PLOG-3831	proteomics_log	1972173	1972211	-	4	7	R.NSLDHGIELPEKR.L	17
PLOG-3832	proteomics_log	1972173	1972241	-	4	2	R.IIDPLTHLVRNSLDHGIELPEKR.L	27
PLOG-3833	proteomics_log	1972212	1972241	-	4	22	R.IIDPLTHLVR.N	14
PLOG-3834	proteomics_log	1972242	1972325	-	4	10	R.DLAGKLGKQVELTLVGSSTELDKSLIER.I	32
PLOG-3835	proteomics_log	1972242	1972334	-	4	8	R.LVRDLAGKLGKQVELTLVGSSTELDKSLIER.I	35
PLOG-3836	proteomics_log	1972374	1972403	-	4	22	R.DLQESVMSIR.M	14
PLOG-3837	proteomics_log	1972413	1972475	-	4	3	R.SSELDPVNHGDLITSMGQLQR.N	25
PLOG-3838	proteomics_log	1972476	1972538	-	4	4	K.VDQLINLVGELVITQSMLAQR.S	25
PLOG-3839	proteomics_log	1972476	1972553	-	4	9	R.VAVEKVDQLINLVGELVITQSM*LAQR.S	31
PLOG-3840	proteomics_log	1972476	1972553	-	4	23	R.VAVEKVDQLINLVGELVITQSMLAQR.S	30
PLOG-3841	proteomics_log	1972476	1972577	-	4	26	R.SNESTSIRVAVEKVDQLINLVGELVITQSMLAQR.S	38
PLOG-3842	proteomics_log	1972779	1972850	-	4	12	R.LKAGEVDLLEELGHLTTLTDVVK.G	28
PLOG-3843	proteomics_log	1973064	1973114	-	4	2	R.GEMQLNTDIINLFLETK.D	21
PLOG-3844	proteomics_log	1973118	1973195	-	4	15	K.GGAGTFGFSVLQETTHLMENLLDEAR.R	30
PLOG-3845	proteomics_log	1973118	1973213	-	4	2	R.AAHSIKGGAGTFGFSVLQETTHLMENLLDEAR.R	36
PLOG-3846	proteomics_log	1973833	1973880	-	5	2	R.ALRPHLKIDLQEGLR.I	20
PLOG-3847	proteomics_log	1974279	1974320	-	4	11	R.AVKNPQQQTTEEA.-	18
PLOG-3848	proteomics_log	1974279	1974320	-	4	11	R.AVKNPQQQTTEEA.-	18
PLOG-3849	proteomics_log	1978392	1978529	-	4	4	K.EYVAAQDPANPGVLVLSQFAGAANELTSALIVNPYDRDEVAALDR.A	50
PLOG-3850	proteomics_log	1978677	1978703	-	4	2	R.HQLENEAGR.I	13
PLOG-3851	proteomics_log	1979211	1979312	-	4	2	R.VNALLADKLLPLLQDDDIWIHDYHLLPFAHELK.K	38
PLOG-3852	proteomics_log	1979538	1979606	-	4	3	R.IAPPDEHAASAGGLAVGILGALK.A	27
PLOG-3853	proteomics_log	1979662	1979724	-	5	16	R.LAGVPDVSWSLEMITTALQQK.R	25
PLOG-3854	proteomics_log	1983358	1983417	-	5	2	K.AADIIGINGVDVAVSELSK.A	24
PLOG-3855	proteomics_log	1983796	1983831	-	5	3	K.VIAVDDQFVNAK.G	16
PLOG-3856	proteomics_log	1985663	1985779	-	6	2	M.SQPLNADQELVSDVVACQLVIKQILDVLDVIAPVEVREK.M	43
PLOG-3857	proteomics_log	1985669	1985713	-	6	64	K.QILDVLDVIAPVEVR.E	19
PLOG-3858	proteomics_log	1989179	1989274	-	6	4	R.GVALSDWSTLPDSLKPALEAIALHGTEENFER.V	36
PLOG-3859	proteomics_log	1989332	1989376	-	6	2	R.LNEFPEQFEPLFLGR.E	19

PLOG-3860	proteomics_log	1989332	1989421	-	6	12	R.FMNLAFQHMADTAERLNEFPEQFEPLFGLR.E	34
PLOG-3861	proteomics_log	1989584	1989637	-	6	3	K.TGPLNESELEWLDDILTK.Y	22
PLOG-3862	proteomics_log	1991594	1991623	-	6	2	K.LSQQSTVHQR.L	14
PLOG-3863	proteomics_log	1993036	1993071	-	5	3	K.GAAPQEVVSAIR.S	16
PLOG-3864	proteomics_log	1993180	1993251	-	5	5	R.TNAVDVVLMDMSMPGIGGLEATRK.I	28
PLOG-3865	proteomics_log	1995122	1995151	-	6	7	K.ALFADPEQPR.T	14
PLOG-3866	proteomics_log	1995152	1995175	-	6	2	R.IVEQGAAG.A	12
PLOG-3867	proteomics_log	1995176	1995205	-	6	2	A.DRAIFM*DQGR.I	15
PLOG-3868	proteomics_log	1995215	1995253	-	6	7	R.TMVIVTHEMSFAR.D	17
PLOG-3869	proteomics_log	1995254	1995367	-	6	14	R.ALAM*RPEVILFDEPTSALDPELVGEVLNTRQLAQEK.R	43
PLOG-3870	proteomics_log	1995257	1995367	-	6	2	R.ALAM*RPEVILFDEPTSALDPELVGEVLNTRQLAQEK.R	42
PLOG-3871	proteomics_log	1995275	1995358	-	6	2	A.MRPEVILFDEPTSALDPELVGEVLNTR.Q	32
PLOG-3872	proteomics_log	1995275	1995367	-	6	14	R.ALAM*RPEVILFDEPTSALDPELVGEVLNTR.Q	36
PLOG-3873	proteomics_log	1995275	1995367	-	6	152	R.ALAMRPEVILFDEPTSALDPELVGEVLNTR.Q	35
PLOG-3874	proteomics_log	1995383	1995409	-	6	7	R.RLSGGQQQR.V	13
PLOG-3875	proteomics_log	1995410	1995445	-	6	6	K.VGLAGKETSYP.R	16
PLOG-3876	proteomics_log	1995467	1995538	-	6	7	R.TVLENIIEGPVIVKGEPEKEATAR.A	28
PLOG-3877	proteomics_log	1995539	1995586	-	6	3	R.QHVGFFVQNFNLFPHR.T	20
PLOG-3878	proteomics_log	1995626	1995697	-	6	23	R.SINLLEQPEAGTITVGDITIDTAR.S	28
PLOG-3879	proteomics_log	1996521	1996595	-	4	121	R.FKDEGPILFIHTGGAPALFAYHPHV.-	29
PLOG-3880	proteomics_log	1996596	1996634	-	4	7	K.AMAGLIDGISQKR.F	17
PLOG-3881	proteomics_log	1996599	1996634	-	4	10	K.AMAGLIDGISQK.R	16
PLOG-3882	proteomics_log	1996635	1996673	-	4	68	R.LEGILLDPVYT.GK.A	17
PLOG-3883	proteomics_log	1996785	1996814	-	4	20	K.VVNLQQAIK.E	14
PLOG-3884	proteomics_log	1997259	1997345	-	4	39	R.KLEFLAADALREGADTLITAGAIQSNHVR.Q	33
PLOG-3885	proteomics_log	1997313	1997345	-	4	28	R.KLEFLAADALR.E	15
PLOG-3886	proteomics_log	1997427	1997471	-	4	129	R.LEFIGAPTPLYLPR.F	19
PLOG-3887	proteomics_log	1997427	1997501	-	4	2	M.PLHNLTRFPRLEFIGAPTPLYLPR.F	29
PLOG-3888	proteomics_log	1997439	1997471	-	4	2	R.LEFIGAPTPLY.Y	15
PLOG-3889	proteomics_log	1997612	1997635	-	6	2	K.WFGADVTK.-	12
PLOG-3890	proteomics_log	1997612	1997665	-	6	32	K.DGTLQALSEKWFGADVTK.-	22
PLOG-3891	proteomics_log	1997612	1997698	-	6	126	K.AVNDAIAEMQKDGTLQALSEKWFGADVTK.-	33
PLOG-3892	proteomics_log	1997612	1997719	-	6	5	K.GNEDLLKAVNDAIAEMQKDGTLQALSEKWFGADVTK.-	40
PLOG-3893	proteomics_log	1997612	1997722	-	6	11	R.KGNEDLLKAVNDAIAEMQKDGTLQALSEKWFGADVTK.-	41
PLOG-3894	proteomics_log	1997636	1997665	-	6	31	K.DGTLQALSEK.W	14
PLOG-3895	proteomics_log	1997636	1997698	-	6	24	K.AVNDAIAEMQKDGTLQALSEK.W	25
PLOG-3896	proteomics_log	1997636	1997722	-	6	18	R.KGNEDLLKAVNDAIAEMQKDGTLQALSEK.W	33
PLOG-3897	proteomics_log	1997666	1997698	-	6	2	K.AVNDAIAEM*QK.D	16
PLOG-3898	proteomics_log	1997666	1997698	-	6	9	K.AVNDAIAEMQK.D	15
PLOG-3899	proteomics_log	1997666	1997722	-	6	3	R.KGNEDLLKAVNDAIAEMQK.D	23
PLOG-3900	proteomics_log	1997699	1997791	-	6	2	K.KTNDTLAVTGEAFSRQESGVALRKGNEDLLK.A	35
PLOG-3901	proteomics_log	1997723	1997815	-	6	3	R.LAALDLVKKTNDTLAVTGEAFSRQESGVALR.K	35
PLOG-3902	proteomics_log	1997747	1997788	-	6	33	K.TNDTLAVTGEAFSR.Q	18
PLOG-3903	proteomics_log	1997747	1997791	-	6	21	K.KTNDTLAVTGEAFSR.Q	19
PLOG-3904	proteomics_log	1997747	1997815	-	6	148	R.LAALDLVKKTNDTLAVTGEAFSR.Q	27
PLOG-3905	proteomics_log	1997747	1997839	-	6	5	R.IDAILVDRLAALDLVKKTNDTLAVTGEAFSR.Q	35

PLOG-3906	proteomics_log	1997747	1997848	-	6	12	R.VGRIDAILVDRLAALDLVKKTNDTLAVTGEAFSR.Q	38
PLOG-3907	proteomics_log	1997789	1997815	-	6	20	R.LAALDLVKK.T	13
PLOG-3908	proteomics_log	1997789	1997839	-	6	2	R.IDAILVDRLAALDLVKK.T	21
PLOG-3909	proteomics_log	1997789	1997848	-	6	4	R.VGRIDAILVDRLAALDLVKK.T	24
PLOG-3910	proteomics_log	1997792	1997815	-	6	21	R.LAALDLVK.K	12
PLOG-3911	proteomics_log	1997792	1997839	-	6	12	R.IDAILVDRLAALDLVK.K	20
PLOG-3912	proteomics_log	1997792	1997848	-	6	20	R.VGRIDAILVDRLAALDLVK.K	23
PLOG-3913	proteomics_log	1997816	1997839	-	6	93	R.IDAILVDR.L	12
PLOG-3914	proteomics_log	1997816	1997848	-	6	58	R.VGRIDAILVDR.L	15
PLOG-3915	proteomics_log	1997849	1997887	-	6	73	R.TYDDDPKYQDLR.V	17
PLOG-3916	proteomics_log	1997888	1997914	-	6	50	R.QNVQGVQDVR.T	13
PLOG-3917	proteomics_log	1997888	1997956	-	6	54	K.VGVGLGTNYEEWLRQNVQGVQDVR.T	27
PLOG-3918	proteomics_log	1997888	1997959	-	6	3	K.KVGVGLGTNYEEWLRQNVQGVQDVR.T	28
PLOG-3919	proteomics_log	1997915	1997956	-	6	11	K.VGVGLGTNYEEWLR.Q	18
PLOG-3920	proteomics_log	1997915	1997959	-	6	2	K.KVGVGLGTNYEEWLR.Q	19
PLOG-3921	proteomics_log	1997957	1997983	-	6	15	K.TADDLKGKK.V	13
PLOG-3922	proteomics_log	1997957	1998007	-	6	2	K.KGNEGTIKTADDLKGKK.V	21
PLOG-3923	proteomics_log	1997960	1998007	-	6	6	K.KGNEGTIKTADDLKGKK.K	20
PLOG-3924	proteomics_log	1998008	1998058	-	6	27	K.YDFSTPYTISGIQALVK.K	21
PLOG-3925	proteomics_log	1998008	1998061	-	6	11	K.KYDFSTPYTISGIQALVK.K	22
PLOG-3926	proteomics_log	1998008	1998064	-	6	2	K.KKYDFSTPYTISGIQALVK.K	23
PLOG-3927	proteomics_log	1998062	1998112	-	6	2	K.RIDVWINQVTISDERKK.K	21
PLOG-3928	proteomics_log	1998065	1998112	-	6	2	K.RIDVWINQVTISDERK.K	20
PLOG-3929	proteomics_log	1998068	1998112	-	6	14	K.RIDVWINQVTISDER.K	19
PLOG-3930	proteomics_log	1998110	1998181	-	6	4	K.HLGVEASLKPTKWDGMLASLDSKR.I	28
PLOG-3931	proteomics_log	1998113	1998181	-	6	3	K.HLGVEASLKPTKWDGM*LASLDSK.R	28
PLOG-3932	proteomics_log	1998113	1998181	-	6	65	K.HLGVEASLKPTKWDGMLASLDSK.R	27
PLOG-3933	proteomics_log	1998146	1998181	-	6	2	K.HLGVEASLKPTK.W	16
PLOG-3934	proteomics_log	1998182	1998289	-	6	187	R.GTLLVGLEGTYPPFSFQGDGKLTGFVEFAQQLAK.H	40
PLOG-3935	proteomics_log	1998290	1998322	-	6	169	A.DEGLLNKVKER.G	15
PLOG-3936	proteomics_log	1998302	1998322	-	6	4	A.DEGLLNK.V	11
PLOG-3937	proteomics_log	1999121	1999153	-	6	2	R.VSQLHSQAIKR.L	15
PLOG-3938	proteomics_log	1999592	1999711	-	6	2	R.LPASVELDDLLQAGGIGLLNAVERYDALQGTAFTTYAVQR.I	44
PLOG-3939	proteomics_log	1999640	1999711	-	6	5	R.LPASVELDDLLQAGGIGLLNAVER.Y	28
PLOG-3940	proteomics_log	1999640	1999723	-	6	2	R.LQVRLPASVELDDLLQAGGIGLLNAVER.Y	32
PLOG-3941	proteomics_log	2000137	2000178	-	5	57	K.ANQVPQQVLSLLQG.-	18
PLOG-3942	proteomics_log	2000137	2000220	-	5	25	K.AQIIQQAGNSVLAKANQVPQQVLSLLQG.-	32
PLOG-3943	proteomics_log	2000137	2000265	-	5	2	R.IQDADYATEVSNMSKAQIIQQAGNSVLAKANQVPQQVLSLLQG.-	47
PLOG-3944	proteomics_log	2000179	2000220	-	5	125	K.AQIIQQAGNSVLAK.A	18
PLOG-3945	proteomics_log	2000179	2000265	-	5	11	R.IQDADYATEVSNMSKAQIIQQAGNSVLAK.A	33
PLOG-3946	proteomics_log	2000182	2000220	-	5	19	K.AQIIQQAGNSVLA.K	17
PLOG-3947	proteomics_log	2000221	2000265	-	5	8	R.IQDADYATEVSNM*SK.A	20
PLOG-3948	proteomics_log	2000221	2000265	-	5	104	R.IQDADYATEVSNMSK.A	19
PLOG-3949	proteomics_log	2000224	2000265	-	5	2	R.IQDADYATEVSNM*S.K	19
PLOG-3950	proteomics_log	2000266	2000328	-	5	59	R.LDSAVTNLNNTTTNLSEAQSR.I	25
PLOG-3951	proteomics_log	2000266	2000355	-	5	83	R.SSLGAVQNRLDSAVTNLNNTTTNLSEAQSR.I	34

PLOG-3952	proteomics_log	2000329	2000355	-	5	5	R.SSLGAVQNR.L	13
PLOG-3953	proteomics_log	2000356	2000394	-	5	16	K.ALDDAIASVDKFR.S	17
PLOG-3954	proteomics_log	2000356	2000412	-	5	131	K.TDPLKALDDAIASVDKFR.S	23
PLOG-3955	proteomics_log	2000503	2000550	-	5	2	K.LGGDDGKTEVVDIDGK.T	20
PLOG-3956	proteomics_log	2000551	2000604	-	5	19	K.TITYTDSSGAASSPTAVK.L	22
PLOG-3957	proteomics_log	2000605	2000643	-	5	2	A.ADVNETTGAVSVK.T	17
PLOG-3958	proteomics_log	2000713	2000805	-	5	23	K.ATTITSGGTPVQIDNTAGSATANLGAVSLVK.L	35
PLOG-3959	proteomics_log	2000926	2001033	-	5	3	K.LTGITLSTEATDTGGTNPASIEGVYTDNGNDYYAK.I	40
PLOG-3960	proteomics_log	2001034	2001132	-	5	8	K.TLGLDGFVSKNNDVTTSAPVTAFGATTTNNIK.L	37
PLOG-3961	proteomics_log	2001103	2001132	-	5	12	K.TLGLDGFVSK.N	14
PLOG-3962	proteomics_log	2001133	2001210	-	5	6	K.NGSMKIQVGANDNQTTITDLKQIDAK.T	30
PLOG-3963	proteomics_log	2001211	2001255	-	5	29	R.VSGQTQFNGVNVLAK.N	19
PLOG-3964	proteomics_log	2001211	2001273	-	5	17	R.LDEIDRVSGQTQFNGVNVLAK.N	25
PLOG-3965	proteomics_log	2001211	2001279	-	5	3	K.SRLDEIDRVSGQTQFNGVNVLAK.N	27
PLOG-3966	proteomics_log	2001274	2001351	-	5	19	R.ELTVQATTGTNSESDLSSIQDEIKSR.L	30
PLOG-3967	proteomics_log	2001274	2001357	-	5	19	R.VRELTVQATTGTNSESDLSSIQDEIKSR.L	32
PLOG-3968	proteomics_log	2001280	2001351	-	5	4	R.ELTVQATTGTNSESDLSSIQDEIK.S	28
PLOG-3969	proteomics_log	2001280	2001357	-	5	3	R.VRELTVQATTGTNSESDLSSIQDEIK.S	30
PLOG-3970	proteomics_log	2001352	2001432	-	5	15	R.NANDGISVAQTTEGALSEINNNLQVRV.E	31
PLOG-3971	proteomics_log	2001358	2001432	-	5	157	R.NANDGISVAQTTEGALSEINNNLQR.V	29
PLOG-3972	proteomics_log	2001433	2001471	-	5	49	R.FTSNIKGLTQAAR.N	17
PLOG-3973	proteomics_log	2001433	2001504	-	5	3	K.DDAAGQAIANRFTSNIKGLTQAAR.N	28
PLOG-3974	proteomics_log	2001433	2001519	-	5	14	R.INSAKDDAAGQAIANRFTSNIKGLTQAAR.N	33
PLOG-3975	proteomics_log	2001433	2001537	-	5	2	R.LSSGLRINSAKDDAAGQAIANRFTSNIKGLTQAAR.N	39
PLOG-3976	proteomics_log	2001454	2001519	-	5	6	R.INSAKDDAAGQAIANRFTSNIK.G	26
PLOG-3977	proteomics_log	2001454	2001537	-	5	22	R.LSSGLRINSAKDDAAGQAIANRFTSNIK.G	32
PLOG-3978	proteomics_log	2001472	2001504	-	5	18	K.DDAAGQAIANR.F	15
PLOG-3979	proteomics_log	2001472	2001519	-	5	33	R.INSAKDDAAGQAIANR.F	20
PLOG-3980	proteomics_log	2001472	2001537	-	5	11	R.LSSGLRINSAKDDAAGQAIANR.F	26
PLOG-3981	proteomics_log	2001505	2001537	-	5	2	R.LSSGLRINSAK.D	15
PLOG-3982	proteomics_log	2001538	2001570	-	5	15	K.NQSALSSSIER.L	15
PLOG-3983	proteomics_log	2001538	2001597	-	5	16	S.LITQNNINKNQSALSSSIER.L	24
PLOG-3984	proteomics_log	2001538	2001627	-	5	78	M.AQVINTNSLSLITQNNINKNQSALSSSIER.L	34
PLOG-3985	proteomics_log	2001571	2001627	-	5	10	M.AQVINTNSLSLITQNNINK.N	23
PLOG-3986	proteomics_log	2005770	2005811	-	4	2	R.DGNTIEYDGM*TMER.V	19
PLOG-3987	proteomics_log	2005770	2005811	-	4	4	R.DGNTIEYDGMTMER.V	18
PLOG-3988	proteomics_log	2005770	2005811	-	4	2	R.DGNTIEYDGM*TM*ER.V	20
PLOG-3989	proteomics_log	2005833	2005898	-	4	80	R.VIAVPGKLTLMSDLTNVTVKR.E	26
PLOG-3990	proteomics_log	2005935	2005979	-	4	52	R.ALVSPEAIGSLIVTK.E	19
PLOG-3991	proteomics_log	2010973	2011035	-	5	2	M.SAIQGIEGVISQLQATAMSAR.A	25
PLOG-3992	proteomics_log	2016637	2016699	-	5	2	N.GVDVDCSSLM*TGGSSTGISK.L	26
PLOG-3993	proteomics_log	2024688	2024717	-	4	2	K.RLMTALVIRR.A	14
PLOG-3994	proteomics_log	2030042	2030077	-	6	3	R.FIDLFAGIGGIR.R	16
PLOG-3995	proteomics_log	2052786	2052884	-	4	2	K.VSDECSGNKRCKSTANHTGNLITDSSATIAITG.T	37
PLOG-3996	proteomics_log	2054455	2054517	-	5	6	L.KVRNLRECSRSPSARSKSIAR.M	25
PLOG-3997	proteomics_log	2060718	2060789	-	4	2	R.LYAIHGTNANFGIGLRVSGCIRL.R	28

PLOG-3998	proteomics_log	2060742	2060789	-	4	153	R.LYAIHGTNANFGIGLR.V	20
PLOG-3999	proteomics_log	2060742	2060789	-	4	153	R.LYAIHGTNANFGIGLR.V	20
PLOG-4000	proteomics_log	2060790	2060840	-	4	84	V.PAGPDNPMGLYAIYIGR.L	21
PLOG-4001	proteomics_log	2068807	2068848	-	5	5	P.FMAGLRFVGLRHHK.Q	18
PLOG-4002	proteomics_log	2077059	2077091	-	4	2	K.AM*GEMKNGEAK.-	16
PLOG-4003	proteomics_log	2077059	2077091	-	4	9	K.AMGEM*KNGEAK.-	16
PLOG-4004	proteomics_log	2077059	2077091	-	4	146	K.AMGEMKNGEAK.-	15
PLOG-4005	proteomics_log	2077059	2077097	-	4	4	K.LKAMGEM*KNGEAK.-	18
PLOG-4006	proteomics_log	2077059	2077097	-	4	24	K.LKAMGEMKNGEAK.-	17
PLOG-4007	proteomics_log	2077059	2077100	-	4	32	K.KLKAMGEMKNGEAK.-	18
PLOG-4008	proteomics_log	2077059	2077112	-	4	4	R.DISKCLKAMGEMKNGEAK.-	22
PLOG-4009	proteomics_log	2077059	2077115	-	4	2	R.RDISKCLKAMGEMKNGEAK.-	23
PLOG-4010	proteomics_log	2077116	2077226	-	4	14	K.PGMSVEAIQGIISMKGDYEDRVDDYIINKNAELSKER.R	41
PLOG-4011	proteomics_log	2077122	2077160	-	4	2	R.VDDYIINKNAELSK.E	17
PLOG-4012	proteomics_log	2077140	2077262	-	4	2	R.VLLLDNLSDYIKPGM*SVEAIQGIISMKGDYEDRVDDYIINK.N	47
PLOG-4013	proteomics_log	2077140	2077262	-	4	4	R.VLLLDNLSDYIKPGMSVEAIQGIISMKGDYEDRVDDYIINK.N	46
PLOG-4014	proteomics_log	2077140	2077262	-	4	87	R.VLLLDNLSDYIKPGMSVEAIQGIISMKGDYEDRVDDYIINK.N	45
PLOG-4015	proteomics_log	2077161	2077262	-	4	63	R.VLLLDNLSDYIKPGMSVEAIQGIISMKGDYEDRV.V	38
PLOG-4016	proteomics_log	2077179	2077262	-	4	11	R.VLLLDNLSDYIKPGM*SVEAIQGIISMK.G	34
PLOG-4017	proteomics_log	2077179	2077262	-	4	12	R.VLLLDNLSDYIKPGM*SVEAIQGIISMK.G	33
PLOG-4018	proteomics_log	2077179	2077262	-	4	19	R.VLLLDNLSDYIKPGMSVEAIQGIISMK.G	33
PLOG-4019	proteomics_log	2077179	2077262	-	4	226	R.VLLLDNLSDYIKPGMSVEAIQGIISMK.G	32
PLOG-4020	proteomics_log	2077263	2077307	-	4	49	R.EIQDVEKKIRDQKR.V	19
PLOG-4021	proteomics_log	2077278	2077307	-	4	13	R.EIQDVEKKIR.D	14
PLOG-4022	proteomics_log	2077284	2077307	-	4	75	R.EIQDVEKK.I	12
PLOG-4023	proteomics_log	2077284	2077316	-	4	7	K.LQREIQDVEKK.I	15
PLOG-4024	proteomics_log	2077284	2077322	-	4	4	K.NKLQREIQDVEKK.I	17
PLOG-4025	proteomics_log	2077287	2077307	-	4	31	R.EIQDVEK.K	11
PLOG-4026	proteomics_log	2077287	2077316	-	4	5	K.LQREIQDVEK.K	14
PLOG-4027	proteomics_log	2077287	2077322	-	4	4	K.NKLQREIQDVEK.K	16
PLOG-4028	proteomics_log	2077329	2077385	-	4	5	K.METTKPSFQDVLEFVRLFR.R	23
PLOG-4029	proteomics_log	2077338	2077370	-	4	2	K.PSFQDVLEFVR.L	15
PLOG-4030	proteomics_log	2077338	2077373	-	4	2	T.KPSFQDVLEFVR.L	16
PLOG-4031	proteomics_log	2077338	2077385	-	4	80	K.M*ETTKPSFQDVLEFVR.L	21
PLOG-4032	proteomics_log	2077338	2077385	-	4	296	K.METTKPSFQDVLEFVR.L	20
PLOG-4033	proteomics_log	2078903	2078986	-	6	4	R.VVGDDFAKPWYQFFNSLLQDSAYEMLPK.P	32
PLOG-4034	proteomics_log	2079002	2079100	-	6	17	K.LRCDTVVTVPGYFTLPENSEGVILTEITGGQYA.V	37
PLOG-4035	proteomics_log	2082415	2082465	-	5	5	K.KLDVVTQVCPFLIEAK.A	21
PLOG-4036	proteomics_log	2085054	2085083	-	4	3	M.SHNVTPNTR.V	14
PLOG-4037	proteomics_log	2086391	2086435	-	6	2	R.NSLDSGKGIIDGSR.I	19
PLOG-4038	proteomics_log	2086538	2086624	-	6	39	K.TAPDGEHGVNLVHLEDVIGAITLLLQAPK.G	33
PLOG-4039	proteomics_log	2086679	2086741	-	6	30	R.VLEELDWHLNLPGTSVDILR.L	25
PLOG-4040	proteomics_log	2086835	2086912	-	6	34	R.SGPGDEFYLAQVQELVDSALAHRIPR.I	30
PLOG-4041	proteomics_log	2086835	2086915	-	6	2	R.RSGPGDEFYLAQVQELVDSALAHRIPR.I	31
PLOG-4042	proteomics_log	2086844	2086912	-	6	9	R.SGPGDEFYLAQVQELVDSALAHRI.I	27
PLOG-4043	proteomics_log	2087000	2087029	-	6	20	R.MSGIDSYLLR.M	14

PLOG-4044	proteomics_log	2087030	2087059	-	6	7	K.TTQDGVEAAR.M	14
PLOG-4045	proteomics_log	2087084	2087143	-	6	52	K.VAIVGLGLWGMPLAMLSAR.G	24
PLOG-4046	proteomics_log	2087084	2087152	-	6	3	R.MKKVAIVGLGLWGMPLAMLSAR.G	27
PLOG-4047	proteomics_log	2087645	2087680	-	6	2	K.AVEDHAPILITR.Q	16
PLOG-4048	proteomics_log	2095489	2095548	-	5	8	R.QNLLDIESLKVDDLDIHAYR.Y	24
PLOG-4049	proteomics_log	2095738	2095776	-	5	68	R.TQEVVAQEQQDLR.I	17
PLOG-4050	proteomics_log	2095747	2095776	-	5	32	R.TQEVVAQEQQ.D	14
PLOG-4051	proteomics_log	2095798	2095884	-	5	12	K.LAQYIQQVDDKVNQELEKDLKDNIALGRK.N	33
PLOG-4052	proteomics_log	2095801	2095884	-	5	12	K.LAQYIQQVDDKVNQELEKDLKDNIALGR.K	32
PLOG-4053	proteomics_log	2095948	2096031	-	5	2	R.FSSAFSALAETLDNQEEREKLTIEPSVK.N	32
PLOG-4054	proteomics_log	2096032	2096064	-	5	12	K.VSDLQETLIGR.F	15
PLOG-4055	proteomics_log	2097889	2097927	-	5	144	R.IDKEGVFHTEWLD.-	17
PLOG-4056	proteomics_log	2097889	2097930	-	5	32	K.RIDKEGVFHTEWLD.-	18
PLOG-4057	proteomics_log	2097904	2097927	-	5	2	R.IDKEGVFH.T	12
PLOG-4058	proteomics_log	2097928	2097957	-	5	8	R.DYFGAHTYKR.I	14
PLOG-4059	proteomics_log	2097958	2097996	-	5	101	R.AAVLPANLIQAQR.D	17
PLOG-4060	proteomics_log	2097997	2098077	-	5	4	R.DVVAYAVQNGIPVPTFSAAVAYYSYR.A	31
PLOG-4061	proteomics_log	2097997	2098110	-	5	25	K.QIADDYQQALRDVVAYAVQNGIPVPTFSAAVAYYSYR.A	42
PLOG-4062	proteomics_log	2098078	2098110	-	5	3	K.QIADDYQQALR.D	15
PLOG-4063	proteomics_log	2098111	2098173	-	5	59	K.ITDAYAENPQIANLLLAPYFK.Q	25
PLOG-4064	proteomics_log	2098111	2098191	-	5	2	R.AQFLQKITDAYAENPQIANLLLAPYFK.Q	31
PLOG-4065	proteomics_log	2098210	2098269	-	5	2	R.AASEEYNWDLNYGEIAKIFR.A	24
PLOG-4066	proteomics_log	2098219	2098269	-	5	17	R.AASEEYNWDLNYGEIAK.I	21
PLOG-4067	proteomics_log	2098270	2098305	-	5	95	K.IVSYAQGFSQLR.A	16
PLOG-4068	proteomics_log	2098270	2098323	-	5	45	R.ALYLGKIVSYAQGFSQLR.A	22
PLOG-4069	proteomics_log	2098270	2098326	-	5	14	R.RALYLGKIVSYAQGFSQLR.A	23
PLOG-4070	proteomics_log	2098324	2098389	-	5	5	K.VLSGPQAQPAGDKAEFIEKVR.R	26
PLOG-4071	proteomics_log	2098327	2098389	-	5	19	K.VLSGPQAQPAGDKAEFIEKVR.R	25
PLOG-4072	proteomics_log	2098333	2098389	-	5	42	K.VLSGPQAQPAGDKAEFIEK.V	23
PLOG-4073	proteomics_log	2098333	2098404	-	5	3	R.VAASKVLSGPQAQPAGDKAEFIEK.V	28
PLOG-4074	proteomics_log	2098351	2098389	-	5	13	K.VLSGPQAQPAGDK.A	17
PLOG-4075	proteomics_log	2098390	2098431	-	5	72	R.YISSLKDQRVAASK.V	18
PLOG-4076	proteomics_log	2098405	2098431	-	5	36	R.YISSLKDQR.V	13
PLOG-4077	proteomics_log	2098432	2098500	-	5	176	K.WTSQSALDLGEPLSLITESVFAR.Y	27
PLOG-4078	proteomics_log	2098432	2098512	-	5	56	K.GTGKWTSQSALDLGEPLSLITESVFAR.Y	31
PLOG-4079	proteomics_log	2098501	2098569	-	5	2	K.KDEDGNYLVDVILDEAANKGTGK.W	27
PLOG-4080	proteomics_log	2098501	2098584	-	5	4	K.DIFTKKDEDGNYLVDVILDEAANKGTGK.W	32
PLOG-4081	proteomics_log	2098513	2098566	-	5	2	K.DEDGNYLVDVILDEAANK.G	22
PLOG-4082	proteomics_log	2098513	2098569	-	5	23	K.KDEDGNYLVDVILDEAANK.G	23
PLOG-4083	proteomics_log	2098513	2098584	-	5	3	K.DIFTKKDEDGNYLVDVILDEAANK.G	28
PLOG-4084	proteomics_log	2098567	2098677	-	5	2	K.GGLNLTNEELAQTFTTEWNNGELSSYLIDITKDIFTK.D	41
PLOG-4085	proteomics_log	2098570	2098677	-	5	64	K.GGLNLTNEELAQTFTTEWNNGELSSYLIDITKDIFTK.K	40
PLOG-4086	proteomics_log	2098585	2098677	-	5	9	K.GGLNLTNEELAQTFTTEWNNGELSSYLIDITK.D	35
PLOG-4087	proteomics_log	2098678	2098743	-	5	5	K.M*VHNGIEYGDMQLIAEAYSLLK.G	27
PLOG-4088	proteomics_log	2098678	2098743	-	5	7	K.MVHNGIEYGDM*QLIAEAYSLLK.G	27
PLOG-4089	proteomics_log	2098678	2098743	-	5	5	K.M*VHNGIEYGDM*QLIAEAYSLLK.G	28

PLOG-4090	proteomics_log	2098678	2098743	-	5	154	K.MVHNGIEYGDMLIAEAYSLLK.G	26
PLOG-4091	proteomics_log	2098744	2098791	-	5	5	E.PCVTYIGADGAGHYVK.M	20
PLOG-4092	proteomics_log	2098744	2098818	-	5	5	K.IAAVAEDGEPVYIGADGAGHYVK.M	29
PLOG-4093	proteomics_log	2098819	2098854	-	5	73	K.EAYELVAPILTK.I	16
PLOG-4094	proteomics_log	2098819	2098953	-	5	2	R.ELSAEGFNFIGTGVSGGEEGALKGPSIM*PGGQKEAYELVAPILTK.I	50
PLOG-4095	proteomics_log	2098819	2098953	-	5	37	R.ELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQKEAYELVAPILTK.I	49
PLOG-4096	proteomics_log	2098819	2098959	-	5	7	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIM*PGGQKEAYELVAPILTK.I	52
PLOG-4097	proteomics_log	2098819	2098959	-	5	20	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQKEAYELVAPILTK.I	51
PLOG-4098	proteomics_log	2098855	2098953	-	5	10	R.ELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	37
PLOG-4099	proteomics_log	2098855	2098959	-	5	9	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	39
PLOG-4100	proteomics_log	2098960	2099067	-	5	368	K.AGAGTDAIDSCLKPYLDKGDIIIDGGNTFFQDTIRR.N	40
PLOG-4101	proteomics_log	2098963	2099067	-	5	151	K.AGAGTDAIDSCLKPYLDKGDIIIDGGNTFFQDTIRR.R	39
PLOG-4102	proteomics_log	2098978	2099067	-	5	2	K.AGAGTDAIDSCLKPYLDKGDIIIDGGNTFF.Q	34
PLOG-4103	proteomics_log	2099086	2099118	-	5	7	K.EFVESLETPRR.I	15
PLOG-4104	proteomics_log	2099086	2099136	-	5	8	V.PYYTVKEFVESLETPRR.I	21
PLOG-4105	proteomics_log	2099086	2099142	-	5	148	K.LVPYYTVKEFVESLETPRR.I	23
PLOG-4106	proteomics_log	2099086	2099145	-	5	9	K.KLVPYYTVKEFVESLETPRR.I	24
PLOG-4107	proteomics_log	2099086	2099178	-	5	2	K.TEEVIAENPGKCLVPYYTVKEFVESLETPRR.I	35
PLOG-4108	proteomics_log	2099086	2099184	-	5	28	R.EKTEEVIAENPGKCLVPYYTVKEFVESLETPRR.I	37
PLOG-4109	proteomics_log	2099086	2099190	-	5	5	R.SREKTEEVIAENPGKCLVPYYTVKEFVESLETPRR.I	39
PLOG-4110	proteomics_log	2099089	2099118	-	5	19	K.EFVESLETPR.R	14
PLOG-4111	proteomics_log	2099089	2099127	-	5	3	Y.TVKEFVESLETPR.R	17
PLOG-4112	proteomics_log	2099089	2099136	-	5	3	V.PYYTVKEFVESLETPR.R	20
PLOG-4113	proteomics_log	2099089	2099142	-	5	143	K.LVPYYTVKEFVESLETPR.R	22
PLOG-4114	proteomics_log	2099089	2099145	-	5	15	K.KLVPYYTVKEFVESLETPR.R	23
PLOG-4115	proteomics_log	2099089	2099178	-	5	4	K.TEEVIAENPGKCLVPYYTVKEFVESLETPR.R	34
PLOG-4116	proteomics_log	2099089	2099184	-	5	10	R.EKTEEVIAENPGKCLVPYYTVKEFVESLETPR.R	36
PLOG-4117	proteomics_log	2099089	2099190	-	5	10	R.SREKTEEVIAENPGKCLVPYYTVKEFVESLETPR.R	38
PLOG-4118	proteomics_log	2099119	2099184	-	5	2	R.EKTEEVIAENPGKCLVPYYTVK.E	26
PLOG-4119	proteomics_log	2099143	2099178	-	5	90	K.TEEVIAENPGKK.L	16
PLOG-4120	proteomics_log	2099143	2099184	-	5	150	R.EKTEEVIAENPGKK.L	18
PLOG-4121	proteomics_log	2099143	2099190	-	5	148	R.SREKTEEVIAENPGKK.L	20
PLOG-4122	proteomics_log	2099146	2099178	-	5	2	K.TEEVIAENPGK.K	15
PLOG-4123	proteomics_log	2099146	2099184	-	5	25	R.EKTEEVIAENPGK.K	17
PLOG-4124	proteomics_log	2099146	2099190	-	5	46	R.SREKTEEVIAENPGK.K	19
PLOG-4125	proteomics_log	2099191	2099217	-	5	246	R.GYTVSIFNR.S	13
PLOG-4126	proteomics_log	2099218	2099244	-	5	226	R.NLALNIESR.G	13
PLOG-4127	proteomics_log	2099218	2099289	-	5	6	M.SKQQIGVVGMVAVMGRNLALNIESR.G	28
PLOG-4128	proteomics_log	2099245	2099283	-	5	4	K.QQIGVVGMVAVMGR.N	17
PLOG-4129	proteomics_log	2099245	2099289	-	5	12	M.SKQQIGVVGM*AVMGR.N	20
PLOG-4130	proteomics_log	2099245	2099289	-	5	13	M.SKQQIGVVGMVAVM*GR.N	20
PLOG-4131	proteomics_log	2099245	2099289	-	5	12	M.SKQQIGVVGM*AVM*GR.N	21
PLOG-4132	proteomics_log	2099245	2099289	-	5	344	M.SKQQIGVVGMVAVMGR.N	19
PLOG-4133	proteomics_log	2101418	2101474	-	6	8	R.NENVLVGFDELVNFITEEH.-	23
PLOG-4134	proteomics_log	2101418	2101504	-	6	12	K.DISDANFIYRNENVLVGFDELVNFITEEH.-	33
PLOG-4135	proteomics_log	2102695	2102730	-	5	2	R.TLESSAVVIGQR.V	16

PLOG-4136	proteomics_log	2103092	2103130	-	6	3	R.DVLEEVIDDLKTR.-	17
PLOG-4137	proteomics_log	2103092	2103148	-	6	120	R.TGSYFRDVLEEVIDDLKTR.-	23
PLOG-4138	proteomics_log	2103092	2103154	-	6	2	K.IRTGSYFRDVLEEVIDDLKTR.-	25
PLOG-4139	proteomics_log	2103092	2103130	-	6	3	R.DVLEEVIDDLKTR.-	17
PLOG-4140	proteomics_log	2103092	2103148	-	6	120	R.TGSYFRDVLEEVIDDLKTR.-	23
PLOG-4141	proteomics_log	2103092	2103154	-	6	2	K.IRTGSYFRDVLEEVIDDLKTR.-	25
PLOG-4142	proteomics_log	2103098	2103148	-	6	3	R.TGSYFRDVLEEVIDDLK.T	21
PLOG-4143	proteomics_log	2103098	2103148	-	6	3	R.TGSYFRDVLEEVIDDLK.T	21
PLOG-4144	proteomics_log	2103170	2103262	-	6	18	R.IGYAVGSIKEMQEIVDSMTIETYKQISENTK.I	35
PLOG-4145	proteomics_log	2103566	2103595	-	6	3	R.GVIYAGNLSR.H	14
PLOG-4146	proteomics_log	2104049	2104081	-	6	4	K.MYFLNDLNFSR.R	15
PLOG-4147	proteomics_log	2105271	2105333	-	4	15	R.LAEYKYDMHQVISAALYQVK.N	25
PLOG-4148	proteomics_log	2105481	2105519	-	4	3	R.IIEHKHFQYVETK.H	17
PLOG-4149	proteomics_log	2105847	2105879	-	4	2	R.SAKELPAFIK.R	15
PLOG-4150	proteomics_log	2105907	2105987	-	4	11	K.YGDKVPENLEEQAISLVGEDLYQALIK.G	31
PLOG-4151	proteomics_log	2105907	2105990	-	4	2	K.KYGDKVPENLEEQAISLVGEDLYQALIK.G	32
PLOG-4152	proteomics_log	2107623	2107649	-	4	3	R.LFTLDELIR.L	13
PLOG-4153	proteomics_log	2108183	2108230	-	6	2	K.LAVPLIKNNYGQYLYK.M	20
PLOG-4154	proteomics_log	2108183	2108233	-	6	6	R.KLAVPLIKNNYGQYLYK.M	21
PLOG-4155	proteomics_log	2108210	2108233	-	6	2	R.KLAVPLIK.N	12
PLOG-4156	proteomics_log	2108231	2108263	-	6	4	R.KGFIDVEQVRK.L	15
PLOG-4157	proteomics_log	2108234	2108263	-	6	4	R.KGFIDVEQVR.K	14
PLOG-4158	proteomics_log	2108306	2108383	-	6	27	R.GYAWLDTGTHQSLIEASNFIATIEER.Q	30
PLOG-4159	proteomics_log	2108429	2108458	-	6	30	R.GELEITDINR.I	14
PLOG-4160	proteomics_log	2108855	2108965	-	6	12	K.QLLPIYDKPMIYYPLSTLMLAGIRDILIIISTPQDTPR.F	41
PLOG-4161	proteomics_log	2108894	2108965	-	6	5	K.QLLPIYDKPMIYYPLSTLMLAGIR.D	28
PLOG-4162	proteomics_log	2108966	2109028	-	6	3	K.GIILAGGSGTRLYPVTMAVSK.Q	25
PLOG-4163	proteomics_log	2108966	2109031	-	6	27	R.KGIILAGGSGTRLYPVTMAVSK.Q	26
PLOG-4164	proteomics_log	2108996	2109031	-	6	30	R.KGIILAGGSGTR.L	16
PLOG-4165	proteomics_log	2108996	2109031	-	6	30	R.KGIILAGGSGTR.L	16
PLOG-4166	proteomics_log	2109104	2109136	-	6	3	R.MLNELFTTTAI.-	15
PLOG-4167	proteomics_log	2109104	2109136	-	6	3	R.M*LNELFTTTAI.-	16
PLOG-4168	proteomics_log	2109137	2109205	-	6	2	R.LNTEKFQNFALVLPDWQVGVKR.M	27
PLOG-4169	proteomics_log	2109293	2109397	-	6	3	R.VALNKPVDVAGLYHLVASGTTTWDYDAAALVFEEARK.A	39
PLOG-4170	proteomics_log	2109947	2109976	-	6	9	K.TGQVGVWELQR.A	14
PLOG-4171	proteomics_log	2109947	2110000	-	6	14	V.MNILLFGKTGQVGVWELQR.A	22
PLOG-4172	proteomics_log	2109947	2110000	-	6	14	V.MNILLFGKTGQVGVWELQR.A	22
PLOG-4173	proteomics_log	2109977	2110000	-	6	6	V.MNILLFGK.T	12
PLOG-4174	proteomics_log	2109977	2110000	-	6	6	V.MNILLFGK.T	12
PLOG-4175	proteomics_log	2110099	2110146	-	5	48	R.ALGWKPQETFESGIRK.T	20
PLOG-4176	proteomics_log	2110147	2110176	-	5	57	R.YAIDAEEKIGR.A	14
PLOG-4177	proteomics_log	2110294	2110332	-	5	2	K.AGETYNIGGHNEK.K	17
PLOG-4178	proteomics_log	2110363	2110428	-	5	11	K.ALPIYGKGDQIRDWLYVEDHAR.A	26
PLOG-4179	proteomics_log	2110429	2110467	-	5	172	K.LIPLVILNALEGK.A	17
PLOG-4180	proteomics_log	2110549	2110572	-	5	3	K.ASSDHLVR.A	12
PLOG-4181	proteomics_log	2110549	2110572	-	5	3	K.ASSDHLVR.A	12

PLOG-4182	proteomics_log	2110750	2110821	-	5	52	R.SITGPAAFIETNIVGTYVLLAAR.N	28
PLOG-4183	proteomics_log	2110822	2110884	-	5	2	R.IFAQHQPDAVM*HLAAESHVDR.S	26
PLOG-4184	proteomics_log	2110822	2110884	-	5	58	R.IFAQHQPDAVMHLAAESHVDR.S	25
PLOG-4185	proteomics_log	2110933	2110965	-	5	3	R.ESLADVSDSER.Y	15
PLOG-4186	proteomics_log	2111527	2111553	-	5	2	K.M*GYMQAFVK.Y	14
PLOG-4187	proteomics_log	2111527	2111553	-	5	141	K.MGYMQAFVK.Y	13
PLOG-4188	proteomics_log	2111608	2111646	-	5	42	R.IQLTDAIAELAKK.Q	17
PLOG-4189	proteomics_log	2111611	2111646	-	5	233	R.IQLTDAIAELAK.K	16
PLOG-4190	proteomics_log	2111671	2111709	-	5	190	R.YVLSADIWPELER.T	17
PLOG-4191	proteomics_log	2111671	2111778	-	5	9	R.IVEFIEKPDQPQTLDSDIMAVGRYVLSADIWPELER.T	40
PLOG-4192	proteomics_log	2111710	2111778	-	5	5	R.IVEFIEKPDQPQTLDSDIM*AVGR.Y	28
PLOG-4193	proteomics_log	2111710	2111778	-	5	233	R.IVEFIEKPDQPQTLDSDIMAVGR.Y	27
PLOG-4194	proteomics_log	2111779	2111853	-	5	2	R.MPGDLSEYSVIQTKPEPLDREGKVS.R.I	29
PLOG-4195	proteomics_log	2111779	2111856	-	5	6	K.RM*PGDLSEYSVIQTKPEPLDREGKVS.R.I	31
PLOG-4196	proteomics_log	2111779	2111856	-	5	13	K.RMPGDLSEYSVIQTKPEPLDREGKVS.R.I	30
PLOG-4197	proteomics_log	2111788	2111856	-	5	3	K.RM*PGDLSEYSVIQTKPEPLDREGK.V	28
PLOG-4198	proteomics_log	2111788	2111856	-	5	27	K.RMPGDLSEYSVIQTKPEPLDREGK.V	27
PLOG-4199	proteomics_log	2111854	2111892	-	5	2	R.FNETGRSQVLAKR.M	17
PLOG-4200	proteomics_log	2111857	2111892	-	5	22	R.FNETGRSQVLAK.R	16
PLOG-4201	proteomics_log	2111893	2111919	-	5	7	R.YNLAAMIAR.F	13
PLOG-4202	proteomics_log	2111893	2111997	-	5	13	R.PAIGDNPFFVVLPDVVIDDASADPLRYNLAAMIAR.F	39
PLOG-4203	proteomics_log	2111920	2111997	-	5	2	R.PAIGDNPFFVVLPDVVIDDASADPLR.Y	30
PLOG-4204	proteomics_log	2112112	2112171	-	5	17	K.NAVENHFDTSYELESLLER.Q.V	24
PLOG-4205	proteomics_log	2112172	2112240	-	5	6	I.QYIVDEIVAAGIKEILLVTHASK.N	27
PLOG-4206	proteomics_log	2112172	2112273	-	5	7	K.EM*LPIVDKPMIQYIVDEIVAAGIKEILLVTHASK.N	39
PLOG-4207	proteomics_log	2112172	2112273	-	5	73	K.EMLPIVDKPMIQYIVDEIVAAGIKEILLVTHASK.N	38
PLOG-4208	proteomics_log	2112172	2112285	-	5	94	K.AIPKEMPLIVDKPMIQYIVDEIVAAGIKEILLVTHASK.N	42
PLOG-4209	proteomics_log	2112202	2112273	-	5	5	K.EM*LPIVDKPMIQYIVDEIVAAGIK.E	29
PLOG-4210	proteomics_log	2112202	2112273	-	5	20	K.EMLPIVDKPMIQYIVDEIVAAGIK.E	28
PLOG-4211	proteomics_log	2112202	2112285	-	5	21	K.AIPKEMPLIVDKPMIQYIVDEIVAAGIK.E	32
PLOG-4212	proteomics_log	2112286	2112336	-	5	54	K.AVIPVAGLGMHMLPATK.A	21
PLOG-4213	proteomics_log	2112286	2112348	-	5	2	M.TNLKAVIPVAGLGM*HMLPATK.A	26
PLOG-4214	proteomics_log	2112286	2112348	-	5	2	M.TNLKAVIPVAGLGMHM*LPATK.A	26
PLOG-4215	proteomics_log	2112286	2112348	-	5	2	M.TNLKAVIPVAGLGM*HM*LPATK.A	27
PLOG-4216	proteomics_log	2112286	2112348	-	5	183	M.TNLKAVIPVAGLGMHMLPATK.A	25
PLOG-4217	proteomics_log	2112286	2112351	-	5	45	I.MTNLKAVIPVAGLGMHMLPATK.A	26
PLOG-4218	proteomics_log	2114261	2114344	-	6	2	R.TLIEQYQLEDVVEMPGFKPSHEVKAMLD.D	32
PLOG-4219	proteomics_log	2121498	2121545	-	4	2	T.KDAVLIADRNAVQDVK.K	20
PLOG-4220	proteomics_log	2122158	2122217	-	4	2	S.DPLMLVLAADHVIADDAFR.A	24
PLOG-4221	proteomics_log	2126003	2126092	-	6	2	E.VYNLGAMSHVAVSFESPEYTADVDAMGTLR.L	34
PLOG-4222	proteomics_log	2137029	2137076	-	4	5	N.NGKVSNGTSGWRINTR.R	20
PLOG-4223	proteomics_log	2138389	2138421	-	5	3	R.LENVEIGTILK.A	15
PLOG-4224	proteomics_log	2138584	2138655	-	5	2	R.IDEPAYQGLQGFTADILLQASNVR.W	28
PLOG-4225	proteomics_log	2140394	2140462	-	6	10	K.TVRPMLQFIEPSKQYADIIVPR.G	27
PLOG-4226	proteomics_log	2140592	2140636	-	6	32	K.KVIILEGILLTLDAR.L	19
PLOG-4227	proteomics_log	2155438	2155488	-	5	3	R.HADPQTAGAVAINIDIR.H	21

PLOG-4228	proteomics_log	2164160	2164276	-	6	6	G.VGAGALVRVALVDIAREQAATGVGHAQRAVNEDLDLHIR.H	43
PLOG-4229	proteomics_log	2169893	2169970	-	6	2	R.KLSLEPLIAHRGSFESFAQAVRDIAR.N	30
PLOG-4230	proteomics_log	2169905	2169937	-	6	12	R.GSFESFAQAVR.D	15
PLOG-4231	proteomics_log	2169938	2169970	-	6	65	R.KLSLEPLIAHR.G	15
PLOG-4232	proteomics_log	2170292	2170339	-	6	12	K.SVTAIDISSEKLALAK.S	20
PLOG-4233	proteomics_log	2170526	2170558	-	6	2	R.DGGFAEYIVVK.R	15
PLOG-4234	proteomics_log	2170811	2170858	-	6	2	R.VAESVIPEIKHQDEVR.V	20
PLOG-4235	proteomics_log	2170829	2170858	-	6	2	R.VAESVIPEIK.H	14
PLOG-4236	proteomics_log	2170859	2170891	-	6	8	K.SVVNDTDGIVR.V	15
PLOG-4237	proteomics_log	2170859	2170897	-	6	6	F.M*KSVVNDTDGIVR.V	18
PLOG-4238	proteomics_log	2170859	2170897	-	6	110	F.MKSVVNDTDGIVR.V	17
PLOG-4239	proteomics_log	2170948	2170983	-	5	8	R.GFIKQEKVVLAE.-	16
PLOG-4240	proteomics_log	2171683	2171793	-	5	12	R.NFFELEGIAIPHGTSAYMGPIAVLVDAIIEKIPGVNR.I	41
PLOG-4241	proteomics_log	2171701	2171793	-	5	12	R.NFFELEGIAIPHGTSAYMGPIAVLVDAIIEK.I	35
PLOG-4242	proteomics_log	2172307	2172327	-	5	4	K.ILTLQG.-	11
PLOG-4243	proteomics_log	2172307	2172402	-	5	6	R.SFGDIPLVHGM*PFISGIGIEALQNKILTLQG.-	37
PLOG-4244	proteomics_log	2172307	2172402	-	5	25	R.SFGDIPLVHGMPFISGIGIEALQNKILTLQG.-	36
PLOG-4245	proteomics_log	2172307	2172411	-	5	2	K.VDRSFGDIPLVHGM*PFISGIGIEALQNKILTLQG.-	40
PLOG-4246	proteomics_log	2172307	2172411	-	5	64	K.VDRSFGDIPLVHGMPFISGIGIEALQNKILTLQG.-	39
PLOG-4247	proteomics_log	2172328	2172402	-	5	34	R.SFGDIPLVHGM*PFISGIGIEALQNK.I	30
PLOG-4248	proteomics_log	2172328	2172402	-	5	213	R.SFGDIPLVHGMPFISGIGIEALQNK.I	29
PLOG-4249	proteomics_log	2172328	2172411	-	5	82	K.VDRSFGDIPLVHGMPFISGIGIEALQNK.I	32
PLOG-4250	proteomics_log	2172334	2172402	-	5	4	R.SFGDIPLVHGMPFISGIGIEALQ.N	27
PLOG-4251	proteomics_log	2172364	2172402	-	5	2	R.SFGDIPLVHGMPF.I	17
PLOG-4252	proteomics_log	2172367	2172402	-	5	12	R.SFGDIPLVHGMP.F	16
PLOG-4253	proteomics_log	2172403	2172468	-	5	3	R.VNEIETYMDGVHLICTTAKVDR.S	26
PLOG-4254	proteomics_log	2172433	2172468	-	5	18	R.VNEIETYMDGVH.L	16
PLOG-4255	proteomics_log	2172622	2172714	-	5	177	K.LQQPDIVETLITLPETQLKEYFTKYVLDSDE.-	35
PLOG-4256	proteomics_log	2172622	2172729	-	5	5	R.CLFGKQLQQPDIVETLITLPETQLKEYFTKYVLDSDE.-	40
PLOG-4257	proteomics_log	2172643	2172714	-	5	102	K.LQQPDIVETLITLPETQLKEYFTK.Y	28
PLOG-4258	proteomics_log	2172658	2172714	-	5	49	K.LQQPDIVETLITLPETQLK.E	23
PLOG-4259	proteomics_log	2172739	2172828	-	5	100	K.VHFQQADDDNDVAVSLVIALIVENPQQQLK.L	34
PLOG-4260	proteomics_log	2172829	2172864	-	5	37	K.SSAIYLLRPTNK.V	16
PLOG-4261	proteomics_log	2172865	2172942	-	5	7	R.EAEFPTGIMLEQHAIAIPHCEAIHAK.S	30
PLOG-4262	proteomics_log	2172943	2172984	-	5	324	K.GVVHDTWPQALIAR.E	18
PLOG-4263	proteomics_log	2172943	2173026	-	5	6	R.SEVLTHIGNEMLAKGVVHDTWPQALIAR.E	32
PLOG-4264	proteomics_log	2172943	2173050	-	5	17	R.SGISFVDRSEVLTHIGNEMLAKGVVHDTWPQALIAR.E	40
PLOG-4265	proteomics_log	2172952	2173050	-	5	27	R.SGISFVDRSEVLTHIGNEMLAKGVVHDTWPQAL.I	37
PLOG-4266	proteomics_log	2172985	2173026	-	5	8	R.SEVLTHIGNEM*LAK.G	19
PLOG-4267	proteomics_log	2172985	2173026	-	5	186	R.SEVLTHIGNEMLAK.G	18
PLOG-4268	proteomics_log	2172985	2173050	-	5	40	R.SGISFVDRSEVLTHIGNEM*LAK.G	27
PLOG-4269	proteomics_log	2172985	2173050	-	5	455	R.SGISFVDRSEVLTHIGNEMLAK.G	26
PLOG-4270	proteomics_log	2172985	2173068	-	5	4	M.TNLFVRSGISFVDRSEVLTHIGNEMLAK.G	32
PLOG-4271	proteomics_log	2173027	2173050	-	5	48	R.SGISFVDR.S	12
PLOG-4272	proteomics_log	2173051	2173068	-	5	3	M.TNLFVR.S	10
PLOG-4273	proteomics_log	2173051	2173071	-	5	38	Y.MTNLFVR.S	11

PLOG-4274	proteomics_log	2173084	2173176	-	5	3	R.IQSGELSAIPHQLIMDKIYDVLRLAYRYGCAE.-	35
PLOG-4275	proteomics_log	2173099	2173176	-	5	59	R.IQSGELSAIPHQLIMDKIYDVLRLAYR.Y	30
PLOG-4276	proteomics_log	2173108	2173176	-	5	10	R.IQSGELSAIPHQLIM*DKIYDVLRL.A	28
PLOG-4277	proteomics_log	2173108	2173176	-	5	227	R.IQSGELSAIPHQLIMDKIYDVLRL.A	27
PLOG-4278	proteomics_log	2173126	2173176	-	5	2	R.IQSGELSAIPHQLIM*DK.I	22
PLOG-4279	proteomics_log	2173126	2173176	-	5	70	R.IQSGELSAIPHQLIMDK.I	21
PLOG-4280	proteomics_log	2173177	2173266	-	5	22	K.NSVETMMVNLEGVDIPLGMISQYLPKQFER.I	34
PLOG-4281	proteomics_log	2173177	2173272	-	5	2	R.IKNSVETM*M*VNLEGVDIPLGMISQYLPKQFER.I	38
PLOG-4282	proteomics_log	2173177	2173272	-	5	2	R.IKNSVETM*M*VNLEGVDIPLGM*ISQYLPKQFER.I	39
PLOG-4283	proteomics_log	2173177	2173272	-	5	10	R.IKNSVETMMVNLEGVDIPLGM*ISQYLPKQFER.I	37
PLOG-4284	proteomics_log	2173177	2173272	-	5	216	R.IKNSVETMMVNLEGVDIPLGMISQYLPKQFER.I	36
PLOG-4285	proteomics_log	2173189	2173242	-	5	2	V.NLEGVDIPLGMISQYLPK.Q	22
PLOG-4286	proteomics_log	2173189	2173245	-	5	6	M.VNLEGVDIPLGMISQYLPK.Q	23
PLOG-4287	proteomics_log	2173189	2173266	-	5	42	K.NSVETMMVNLEGVDIPLGMISQYLPK.Q	30
PLOG-4288	proteomics_log	2173189	2173272	-	5	6	R.IKNSVETM*M*VNLEGVDIPLGM*ISQYLPK.Q	35
PLOG-4289	proteomics_log	2173189	2173272	-	5	26	R.IKNSVETMMVNLEGVDIPLGM*ISQYLPK.Q	33
PLOG-4290	proteomics_log	2173189	2173272	-	5	213	R.IKNSVETMMVNLEGVDIPLGMISQYLPK.Q	32
PLOG-4291	proteomics_log	2173213	2173266	-	5	14	K.NSVETMMVNLEGVDIPLG.M	22
PLOG-4292	proteomics_log	2173294	2173350	-	5	18	R.TGFNDSLDIRYSLSDRIR.Y	23
PLOG-4293	proteomics_log	2173318	2173350	-	5	106	R.TGFNDSLDIR.Y	15
PLOG-4294	proteomics_log	2173420	2173476	-	5	31	R.EAIFALAQIEQELIAPENR.S	23
PLOG-4295	proteomics_log	2173420	2173506	-	5	5	K.VGPALTFALREAIFALAQIEQELIAPENR.S	33
PLOG-4296	proteomics_log	2173477	2173506	-	5	24	K.VGPALTFALR.E	14
PLOG-4297	proteomics_log	2173477	2173506	-	5	24	K.VGPALTFALR.E	14
PLOG-4298	proteomics_log	2173552	2173590	-	5	3	R.M*VYEAHSTDYQTR.T	18
PLOG-4299	proteomics_log	2173552	2173590	-	5	74	R.MVYEAHSTDYQTR.T	17
PLOG-4300	proteomics_log	2173591	2173698	-	5	60	R.VIAIVVQPGVEFDHSNIIHYQPQEAQPLAQWIENTR.M	40
PLOG-4301	proteomics_log	2173699	2173737	-	5	5	K.AFIARGLTEALTR.V	17
PLOG-4302	proteomics_log	2173912	2173983	-	5	3	K.IHLDASMSCAGDPIPLAPETVAER.A	28
PLOG-4303	proteomics_log	2173999	2174028	-	5	233	K.SVELVKEYVR.A	14
PLOG-4304	proteomics_log	2174029	2174100	-	5	5	R.IILGGDHLGPNCWQQENADAAMEK.S	28
PLOG-4305	proteomics_log	2174029	2174106	-	5	2	R.ERIIILGGDHLGPNCWQQENADAAMEK.S	30
PLOG-4306	proteomics_log	2174107	2174148	-	5	151	R.EFVFTIADKVGFR.E	18
PLOG-4307	proteomics_log	2174107	2174223	-	5	42	K.VLIEATSNQVNQFGGYTGMPADFR.FREFVFTIADKVGFR.E	43
PLOG-4308	proteomics_log	2174107	2174226	-	5	25	R.KVLIEATSNQVNQFGGYTGMPADFR.FREFVFTIADKVGFR.E	44
PLOG-4309	proteomics_log	2174122	2174148	-	5	3	R.EFVFTIADK.V	13
PLOG-4310	proteomics_log	2174149	2174223	-	5	6	K.VLIEATSNQVNQFGGYTGM*TPADFR.E	30
PLOG-4311	proteomics_log	2174149	2174223	-	5	35	K.VLIEATSNQVNQFGGYTGMPADFR.E	29
PLOG-4312	proteomics_log	2174149	2174226	-	5	2	R.KVLIEATSNQVNQFGGYTGM*TPADFR.E	31
PLOG-4313	proteomics_log	2174149	2174226	-	5	76	R.KVLIEATSNQVNQFGGYTGMPADFR.E	30
PLOG-4314	proteomics_log	2174239	2174316	-	5	2	K.AGEHIGICSVCSAHLPLVIEAALAFDR.N	30
PLOG-4315	proteomics_log	2174239	2174322	-	5	2	R.HKAGEHIGICSVCSAHLPLVIEAALAFDR.N	32
PLOG-4316	proteomics_log	2174239	2174322	-	5	2	R.HKAGEHIGICSVCSAHLPLVIEAALAFDR.N	32
PLOG-4317	proteomics_log	2174375	2174407	-	6	5	K.VIADCGCEGRA.-	15
PLOG-4318	proteomics_log	2174375	2174434	-	6	2	K.SAMRDVVSKVIADCGCEGRA.-	24
PLOG-4319	proteomics_log	2174408	2174434	-	6	2	K.SAM*RDVVSK.V	14

PLOG-4320	proteomics_log	2174408	2174434	-	6	39	K.SAMRDVVS.K.V	13
PLOG-4321	proteomics_log	2174435	2174455	-	6	26	R.DYLQSAK.S	11
PLOG-4322	proteomics_log	2174435	2174494	-	6	3	K.NYLTEHPEATDPRDYLSAK.S	24
PLOG-4323	proteomics_log	2174435	2174518	-	6	107	K.NAFSQALKNYLTHEPEATDPRDYLSAK.S	32
PLOG-4324	proteomics_log	2174435	2174542	-	6	36	K.INVATELKNAFSQALKNYLTHEPEATDPRDYLSAK.S	40
PLOG-4325	proteomics_log	2174456	2174494	-	6	11	K.NYLTEHPEATDPR.D	17
PLOG-4326	proteomics_log	2174456	2174542	-	6	3	K.INVATELKNAFSQALKNYLTHEPEATDPR.D	33
PLOG-4327	proteomics_log	2174462	2174542	-	6	3	K.INVATELKNAFSQALKNYLTHEPEATD.P	31
PLOG-4328	proteomics_log	2174495	2174518	-	6	13	K.NAFSQALK.N	12
PLOG-4329	proteomics_log	2174495	2174542	-	6	93	K.INVATELKNAFSQALK.N	20
PLOG-4330	proteomics_log	2174519	2174542	-	6	33	K.INVATELK.N	12
PLOG-4331	proteomics_log	2174558	2174632	-	6	8	R.QWVNLPLVLHGASGLSTKDIQQTIK.L	29
PLOG-4332	proteomics_log	2174558	2174647	-	6	113	R.LENIRQWVNLPLVLHGASGLSTKDIQQTIK.L	34
PLOG-4333	proteomics_log	2174579	2174617	-	6	26	L.PLVLHGASGLSTK.D	17
PLOG-4334	proteomics_log	2174579	2174632	-	6	85	R.QWVNLPLVLHGASGLSTK.D	22
PLOG-4335	proteomics_log	2174579	2174647	-	6	211	R.LENIRQWVNLPLVLHGASGLSTK.D	27
PLOG-4336	proteomics_log	2174633	2174743	-	6	57	R.EFAEATGIDSLAVAIGTAHGMYSAPALDFSRLENIR.Q	41
PLOG-4337	proteomics_log	2174648	2174743	-	6	28	R.EFAEATGIDSLAVAIGTAHGM*YASAPALDFSR.L	37
PLOG-4338	proteomics_log	2174648	2174743	-	6	99	R.EFAEATGIDSLAVAIGTAHGMYSAPALDFSR.L	36
PLOG-4339	proteomics_log	2174648	2174788	-	6	4	Q.VNEADALYTNPAQAREFAEATGIDSLAVAIGTAHGMYSAPALDFSR.L	51
PLOG-4340	proteomics_log	2174708	2174743	-	6	13	R.EFAEATGIDSLA.V	16
PLOG-4341	proteomics_log	2174741	2174848	-	6	3	R.FDVSVEAELGQLGGQEDDVQVNEADALYTNPAQARE.F	40
PLOG-4342	proteomics_log	2174744	2174797	-	6	2	D.DVQVNEADALYTNPAQAR.E	22
PLOG-4343	proteomics_log	2174744	2174800	-	6	2	E.DDVQVNEADALYTNPAQAR.E	23
PLOG-4344	proteomics_log	2174744	2174812	-	6	3	L.GGQEDDVQVNEADALYTNPAQAR.E	27
PLOG-4345	proteomics_log	2174744	2174848	-	6	24	R.FDVSVEAELGQLGGQEDDVQVNEADALYTNPAQAR.E	39
PLOG-4346	proteomics_log	2174803	2174868	-	5	3	R.WWIFAIALMSASRRSWGNLAAAR.K	26
PLOG-4347	proteomics_log	2174849	2174878	-	6	6	R.VKEVDFCHR.F	14
PLOG-4348	proteomics_log	2174879	2174923	-	6	17	V.MIDASHLPFAQNISR.V	19
PLOG-4349	proteomics_log	2174879	2174929	-	6	95	R.SVM*IDASHLPFAQNISR.V	22
PLOG-4350	proteomics_log	2174879	2174929	-	6	586	R.SVMIDASHLPFAQNISR.V	21
PLOG-4351	proteomics_log	2174879	2174941	-	6	2	R.SGVR SVM*IDASHLPFAQNISR.V	26
PLOG-4352	proteomics_log	2174879	2174941	-	6	36	R.SGVR SVMIDASHLPFAQNISR.V	25
PLOG-4353	proteomics_log	2174891	2174929	-	6	9	R.SVMIDASHLPFAQ.N	17
PLOG-4354	proteomics_log	2174894	2174929	-	6	3	R.SVMIDASHLPFA.Q	16
PLOG-4355	proteomics_log	2174897	2174929	-	6	17	R.SVMIDASHLPFA.A	15
PLOG-4356	proteomics_log	2174942	2174968	-	6	34	K.FDDIAQKVR.S	13
PLOG-4357	proteomics_log	2174942	2175013	-	6	27	K.QYHHPLAIHLDHHTKFDDIAQKVR.S	28
PLOG-4358	proteomics_log	2174948	2174968	-	6	10	K.FDDIAQK.V	11
PLOG-4359	proteomics_log	2174948	2175013	-	6	6	K.QYHHPLAIHLDHHTKFDDIAQK.V	26
PLOG-4360	proteomics_log	2175014	2175064	-	6	2	F.THAGTENLLALVSAMAK.Q	21
PLOG-4361	proteomics_log	2175014	2175079	-	6	2	G.TPGTFTHAGTENLLALVSAMAK.Q	26
PLOG-4362	proteomics_log	2175014	2175082	-	6	25	A.GTPGTFTHAGTENLLALVSAMAK.Q	27
PLOG-4363	proteomics_log	2175014	2175085	-	6	5	I.AGTPGTFTHAGTENLLALVSAMAK.Q	28
PLOG-4364	proteomics_log	2175014	2175106	-	6	24	N.LHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	35
PLOG-4365	proteomics_log	2175014	2175109	-	6	2	A.NLHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	36

PLOG-4366	proteomics_log	2175014	2175112	-	6	21	A.ANLHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	37
PLOG-4367	proteomics_log	2175014	2175115	-	6	3	T.AANLHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	38
PLOG-4368	proteomics_log	2175014	2175133	-	6	3	M.QVVVETAANLHAPVIIAGTPGTFTHAGTENLLALVSAMAK.Q	44
PLOG-4369	proteomics_log	2175182	2175226	-	6	2	K.MYVVSTKQM*LNNAQR.G	20
PLOG-4370	proteomics_log	2175182	2175226	-	6	3	K.M*YVVSTKQMLNNAQR.G	20
PLOG-4371	proteomics_log	2175182	2175226	-	6	117	K.MYVVSTKQMLNNAQR.G	19
PLOG-4372	proteomics_log	2175206	2175226	-	6	3	K.MYVVSTK.Q	11
PLOG-4373	proteomics_log	2175206	2175226	-	6	3	K.M*YVVSTK.Q	12
PLOG-4374	proteomics_log	2175537	2175623	-	4	3	R.KAFKSMADGVKLINAVQDVYLDISKITIA.-	33
PLOG-4375	proteomics_log	2175549	2175587	-	4	13	K.LINAVQDVYLDISK.I	17
PLOG-4376	proteomics_log	2175549	2175608	-	4	21	K.SMADGVKLINAVQDVYLDISK.I	24
PLOG-4377	proteomics_log	2175558	2175587	-	4	2	K.LINAVQDVYL.D	14
PLOG-4378	proteomics_log	2175621	2175653	-	4	2	R.AGGMGLILGRK.A	15
PLOG-4379	proteomics_log	2175624	2175653	-	4	52	R.AGGMGLILGR.K	14
PLOG-4380	proteomics_log	2175675	2175737	-	4	83	R.AGLINSGGAAGGETDLSDAVR.T	25
PLOG-4381	proteomics_log	2175768	2175800	-	4	11	K.LTSENPIDLVR.Y	15
PLOG-4382	proteomics_log	2175801	2175842	-	4	4	K.AINYGYTDDRVSYSK.L	18
PLOG-4383	proteomics_log	2175978	2176022	-	4	24	R.AHELGMVTVLWAYLR.N	19
PLOG-4384	proteomics_log	2176023	2176055	-	4	6	R.QIEEISAAFER.A	15
PLOG-4385	proteomics_log	2176302	2176403	-	4	26	R.LAGTGYSILPVDQGVVHSAGASFAANPLYFDPK.N	38
PLOG-4386	proteomics_log	2176404	2176433	-	4	8	R.NMQTLYNTGR.L	14
PLOG-4387	proteomics_log	2176530	2176556	-	4	8	K.DADNLLQHR.C	13
PLOG-4388	proteomics_log	2176530	2176583	-	4	113	M.TDIAQLLGKADNLLQHR.C	22
PLOG-4389	proteomics_log	2176530	2176586	-	4	14	V.MTDIAQLLGKADNLLQHR.C	23
PLOG-4390	proteomics_log	2176557	2176583	-	4	13	M.TDIAQLLGK.D	13
PLOG-4391	proteomics_log	2181587	2181682	-	6	2	G.MKPMQLRITSRKKLTSLLCALGLISIVAIYPR.Q	36
PLOG-4392	proteomics_log	2181741	2181827	-	4	24	K.SWLSSALAQADTLEVGHGIGPVHFFHAWW.-	33
PLOG-4393	proteomics_log	2181828	2181863	-	4	11	R.HTNWADTVQEAQ.S	16
PLOG-4394	proteomics_log	2182050	2182079	-	4	3	R.TEQEM*LEQGR.S	15
PLOG-4395	proteomics_log	2182050	2182079	-	4	68	R.TEQEMLEQGR.S	14
PLOG-4396	proteomics_log	2182080	2182154	-	4	6	R.LLPQVSLITPNLPEAAALLDAPHAR.T	29
PLOG-4397	proteomics_log	2182080	2182160	-	4	22	R.SRLLPQVSLITPNLPEAAALLDAPHAR.T	31
PLOG-4398	proteomics_log	2182161	2182205	-	4	47	K.SGDPLLSPSAVATLR.S	19
PLOG-4399	proteomics_log	2182161	2182250	-	4	2	R.YQIQNVVLDTVMLAKSGDPLLSPSAVATLR.S	34
PLOG-4400	proteomics_log	2182206	2182250	-	4	73	R.YQIQNVVLDTVMLAK.S	19
PLOG-4401	proteomics_log	2182260	2182307	-	4	25	K.IGMLAETDIVEAVAER.L	20
PLOG-4402	proteomics_log	2182323	2182376	-	4	60	R.IEPDFVAAQLDSVFSQV.I	22
PLOG-4403	proteomics_log	2182323	2182397	-	4	2	R.GVQSVYRIEPDFVAAQLDSVFSQV.I	29
PLOG-4404	proteomics_log	2182538	2182609	-	6	37	R.SEGPGSFVPHFLDALWQLTQEVQA.-	28
PLOG-4405	proteomics_log	2182538	2182609	-	6	37	R.SEGPGSFVPHFLDALWQLTQEVQA.-	28
PLOG-4406	proteomics_log	2182739	2182777	-	6	35	R.IIGIHGGDPLMTK.V	17
PLOG-4407	proteomics_log	2182778	2182834	-	6	2	E.TGAIVVVTGEM*DYVTDGHR.I	24
PLOG-4408	proteomics_log	2182838	2182897	-	6	16	R.GVDTTDAAANAIPAAQTLAR.E	24
PLOG-4409	proteomics_log	2182847	2182897	-	6	5	R.GVDTTDAAANAIPAAQT.L	21
PLOG-4410	proteomics_log	2182997	2183053	-	6	8	K.SSQTPWTLDPVAVGALDYR.R	23
PLOG-4411	proteomics_log	2183003	2183053	-	6	4	K.SSQTPWTLDPVAVGALD.Y	21

PLOG-4412	proteomics_log	2189509	2189622	-	5	2	K.MKGLLSLLIFSM*VLP AHAGIVIYGTRIIP AENKEVMV.Q	43
PLOG-4413	proteomics_log	2191777	2191827	-	5	48	K.SSTAVNLALALAAEGAK.V	21
PLOG-4414	proteomics_log	2191777	2191869	-	5	2	K.NIIAVSSGKGGV GKSSTAVNLALALAAEGAK.V	35
PLOG-4415	proteomics_log	2195388	2195423	-	4	7	L.M*VAAILEYVELR.Q	17
PLOG-4416	proteomics_log	2195479	2195562	-	5	2	Y.FSNEARMCSSVATIFNHSSEGNFFCPSR.R	32
PLOG-4417	proteomics_log	2195640	2195687	-	4	2	R.SSHLRHREQIGAGLQH.L	20
PLOG-4418	proteomics_log	2198891	2198914	-	6	2	G.RISAIKGR.R	12
PLOG-4419	proteomics_log	2201130	2201207	-	4	7	R.FQLIVIGAQTGNAFLANVLLIKDNRV.E	30
PLOG-4420	proteomics_log	2206036	2206080	-	5	2	S.SPQSVVSAASPRINR.Q	19
PLOG-4421	proteomics_log	2207525	2207608	-	6	3	R.NEYCCGNKNAHRSSVSGQREFHPAHRRT.Q	32
PLOG-4422	proteomics_log	2210331	2210372	-	4	2	E.IRLEDNGQAEILR.N	18
PLOG-4423	proteomics_log	2216196	2216246	-	4	2	G.FWLAAALALLACSDAIR.R	21
PLOG-4424	proteomics_log	2216607	2216630	-	4	2	K.KVAADYLK.Q	12
PLOG-4425	proteomics_log	2216631	2216651	-	4	5	A.VEGLDAK.K	11
PLOG-4426	proteomics_log	2216631	2216681	-	4	5	K.TLQQLNASIAVEGLDAK.K	21
PLOG-4427	proteomics_log	2216682	2216738	-	4	13	R.EYPQMAQWLQPVFASLDAK.T	23
PLOG-4428	proteomics_log	2216892	2216948	-	4	8	K.LGQDQLLSLAGGDTAVTIK.A	23
PLOG-4429	proteomics_log	2216991	2217020	-	4	3	K.LAASAEFIER.A	14
PLOG-4430	proteomics_log	2217021	2217047	-	4	3	R.YLQEGGTFK.L	13
PLOG-4431	proteomics_log	2217048	2217098	-	4	3	R.QDVAEKNKLTSLADLSR.Y	21
PLOG-4432	proteomics_log	2217099	2217152	-	4	9	K.LIWLTPAPANNTWTIAVR.Q	22
PLOG-4433	proteomics_log	2217300	2217407	-	4	34	K.IDTEGALLGNIIILQVLESHGVPTV NKVQLGTTTPVVR.G	40
PLOG-4434	proteomics_log	2217330	2217407	-	4	9	K.IDTEGALLGNIIILQVLESHGVPTV NK.V	30
PLOG-4435	proteomics_log	2217330	2217419	-	4	2	K.VGSKIDTEGALLGNIIILQVLESHGVPTV NK.V	34
PLOG-4436	proteomics_log	2217819	2217881	-	4	2	K.ITLKPGETQTVSFPIDIEALK.F	25
PLOG-4437	proteomics_log	2218446	2218511	-	4	3	K.QSDVVAVVGEAQGMAHEASSR.T	26
PLOG-4438	proteomics_log	2218554	2218631	-	4	4	K.GANVTSDKGIIDFLNQYEEAVKVDPR.S	30
PLOG-4439	proteomics_log	2218869	2218904	-	4	2	K.ESDPVDTNAESR.L	16
PLOG-4440	proteomics_log	2218998	2219075	-	4	2	K.SGINM*SMSDEYYSKYLPLIKSGKVT.M	31
PLOG-4441	proteomics_log	2219088	2219123	-	4	5	K.HGTAADPEDAVR.V	16
PLOG-4442	proteomics_log	2219604	2219660	-	4	24	R.TVFPISLGLASSFNLD AVK.T	23
PLOG-4443	proteomics_log	2219661	2219708	-	4	52	R.LKIPLFFAYDVLHGQR.T	20
PLOG-4444	proteomics_log	2219682	2219708	-	4	2	R.LKIPLFFAY.D	13
PLOG-4445	proteomics_log	2219709	2219741	-	4	2	R.AM*QDQVM*ELSR.L	17
PLOG-4446	proteomics_log	2219709	2219741	-	4	3	R.AMQDQVMELSR.L	15
PLOG-4447	proteomics_log	2219754	2219846	-	4	17	R.LISVGPDPNPKAIREMIKDGQVG AIFNTVTR.Q	35
PLOG-4448	proteomics_log	2219847	2219879	-	4	3	K.MTVDEKIGQLR.L	15
PLOG-4449	proteomics_log	2219847	2219909	-	4	4	R.DAFVTELLKMTVDEKIGQLR.L	25
PLOG-4450	proteomics_log	2219880	2219909	-	4	9	R.DAFVTELLK.M	14
PLOG-4451	proteomics_log	2219883	2219909	-	4	3	R.DAFVTELLK.K	13
PLOG-4452	proteomics_log	2219910	2219951	-	4	9	A.DDLFGNHPLTPEAR.D	18
PLOG-4453	proteomics_log	2221963	2222004	-	5	4	K.AAQM*AAAGQTAQND.-	19
PLOG-4454	proteomics_log	2224189	2224218	-	5	4	G.KCAENIQRQK.D	14
PLOG-4455	proteomics_log	2226156	2226215	-	4	3	S.PPVLGVANPGGVKHGLAANR.K	24
PLOG-4456	proteomics_log	2233035	2233067	-	4	2	L.SAAIVSSPDNR.T	15
PLOG-4457	proteomics_log	2235950	2235985	-	6	2	K.FEIQLIAELAK.K	16

PLOG-4458	proteomics_log	2236007	2236054	-	6	2	R.WLLTQEPEILMLDEPTR.G	20
PLOG-4459	proteomics_log	2237375	2237425	-	6	21	R.VPYVGVGDKDNLAEFSSK.-	21
PLOG-4460	proteomics_log	2237375	2237434	-	6	28	K.VVRVPYVGVGDKDNLAEFSSK.-	24
PLOG-4461	proteomics_log	2237375	2237446	-	6	24	K.IDNKVVRVPYVGVGDKDNLAEFSSK.-	28
PLOG-4462	proteomics_log	2237378	2237425	-	6	19	R.VPYVGVGDKDNLAEFSSK.K	20
PLOG-4463	proteomics_log	2237378	2237434	-	6	5	K.VVRVPYVGVGDKDNLAEFSSK.K	23
PLOG-4464	proteomics_log	2237426	2237491	-	6	8	K.NLADGKGAADGTNWKIDNKVVR.V	26
PLOG-4465	proteomics_log	2237435	2237491	-	6	7	K.NLADGKGAADGTNWKIDNK.V	23
PLOG-4466	proteomics_log	2237447	2237491	-	6	11	K.NLADGKGAADGTNWK.I	19
PLOG-4467	proteomics_log	2237492	2237563	-	6	69	K.SGALAGTVLNDANNQAKATFDLAK.N	28
PLOG-4468	proteomics_log	2237513	2237563	-	6	215	K.SGALAGTVLNDANNQAK.A	21
PLOG-4469	proteomics_log	2237513	2237587	-	6	152	L.PEALALVKSGALAGTVLNDANNQAK.A	29
PLOG-4470	proteomics_log	2237513	2237620	-	6	5	K.SSIPVFGVDALPEALALVKSGALAGTVLNDANNQAK.A	40
PLOG-4471	proteomics_log	2237564	2237611	-	6	5	I.PVFGVDALPEALALVK.S	20
PLOG-4472	proteomics_log	2237564	2237620	-	6	249	K.SSIPVFGVDALPEALALVK.S	23
PLOG-4473	proteomics_log	2237564	2237632	-	6	18	K.AHNKSSIPVFGVDALPEALALVK.S	27
PLOG-4474	proteomics_log	2237633	2237734	-	6	2	K.DKMDAWLSGPNANKIEVVIANNNDAMAMGAVEALK.A	38
PLOG-4475	proteomics_log	2237696	2237785	-	6	4	K.TEQLQLDTAM*WDTAQAKDKMDAWLSGPNAN.K	35
PLOG-4476	proteomics_log	2237786	2237827	-	6	8	R.TTYVIKELNDKGKIK.T	18
PLOG-4477	proteomics_log	2237828	2237860	-	6	9	K.GEPGHPDAEAR.T	15
PLOG-4478	proteomics_log	2237828	2237926	-	6	4	K.HWAANQGWDLNKGQIQFVLLKGEPGHPDAEAR.T	37
PLOG-4479	proteomics_log	2237861	2237890	-	6	2	K.DGQIQFVLLK.G	14
PLOG-4480	proteomics_log	2237861	2237926	-	6	19	K.HWAANQGWDLNKGQIQFVLLK.G	26
PLOG-4481	proteomics_log	2237927	2238010	-	6	3	K.ALDSYDKAYYVGTDSKESGIIQGDLIAK.H	32
PLOG-4482	proteomics_log	2237963	2238010	-	6	4	K.ALDSYDKAYYVGTDSK.E	20
PLOG-4483	proteomics_log	2237963	2238013	-	6	4	R.KALDSYDKAYYVGTDSK.E	21
PLOG-4484	proteomics_log	2237990	2238013	-	6	2	R.KALDSYDK.A	12
PLOG-4485	proteomics_log	2238011	2238058	-	6	5	R.GQNVPVFFFNKEPSRK.A	20
PLOG-4486	proteomics_log	2238011	2238064	-	6	6	K.ARGQNVVFFFNKEPSRK.A	22
PLOG-4487	proteomics_log	2238014	2238058	-	6	50	R.GQNVPVFFFNKEPSR.K	19
PLOG-4488	proteomics_log	2238014	2238064	-	6	16	K.ARGQNVVFFFNKEPSR.K	21
PLOG-4489	proteomics_log	2238059	2238118	-	6	79	K.ALAINLVDPAAGTVIEKAR.G	24
PLOG-4490	proteomics_log	2238059	2238127	-	6	31	K.GVKALAINLVDPAAGTVIEKAR.G	27
PLOG-4491	proteomics_log	2238065	2238118	-	6	231	K.ALAINLVDPAAGTVIEK.A	22
PLOG-4492	proteomics_log	2238065	2238127	-	6	4	K.GVKALAINLVDPAAGTVIEK.A	25
PLOG-4493	proteomics_log	2238068	2238118	-	6	5	K.ALAINLVDPAAGTVIE.K	21
PLOG-4494	proteomics_log	2238119	2238214	-	6	6	K.AAPDVQLLMNDSQNDQSKQNDQIDVLLAKGVK.A	36
PLOG-4495	proteomics_log	2238128	2238160	-	6	2	K.QNDQIDVLLAK.G	15
PLOG-4496	proteomics_log	2238128	2238208	-	6	4	A.PDVQLLMNDSQNDQSKQNDQIDVLLAK.G	31
PLOG-4497	proteomics_log	2238128	2238214	-	6	3	K.AAPDVQLLM*NDSQNDQSKQNDQIDVLLAK.G	34
PLOG-4498	proteomics_log	2238128	2238214	-	6	41	K.AAPDVQLLMNDSQNDQSKQNDQIDVLLAK.G	33
PLOG-4499	proteomics_log	2238161	2238214	-	6	4	K.AAPDVQLLMNDSQNDQSK.Q	22
PLOG-4500	proteomics_log	2238236	2238289	-	6	36	R.IGVTIYKYDDNFMSVVRK.A	22
PLOG-4501	proteomics_log	2238239	2238268	-	6	4	K.YDDNFMSVVR.K	14
PLOG-4502	proteomics_log	2238239	2238289	-	6	4	R.IGVTIYKYDDNFMSVVR.K	22
PLOG-4503	proteomics_log	2238239	2238289	-	6	119	R.IGVTIYKYDDNFMSVVR.K	21

PLOG-4504	proteomics_log	2238263	2238289	-	6	5	R.IGVTIYKYD.D	13
PLOG-4505	proteomics_log	2241027	2241059	-	4	2	K.SSQNTRHEFLR.A	15
PLOG-4506	proteomics_log	2241027	2241116	-	4	23	R.GIRDATSATTTTSLGGLFKSSQNTRHEFLR.A	34
PLOG-4507	proteomics_log	2241042	2241116	-	4	12	R.GIRDATSATTTTSLGGLFKSSQNTR.H	29
PLOG-4508	proteomics_log	2241060	2241107	-	4	61	R.DATSATTTTSLGGLFK.S	20
PLOG-4509	proteomics_log	2241060	2241116	-	4	168	R.GIRDATSATTTTSLGGLFK.S	23
PLOG-4510	proteomics_log	2241264	2241311	-	4	4	K.ATVAYIPKDSVIGLSK.I	20
PLOG-4511	proteomics_log	2241396	2241467	-	4	116	K.MYVDEIFSGLDYANFPKITLIENK.M	28
PLOG-4512	proteomics_log	2241396	2241467	-	4	116	K.M*YVDEIFSGLDYANFPKITLIENK.M	29
PLOG-4513	proteomics_log	2241417	2241467	-	4	98	K.MYVDEIFSGLDYANFPK.I	21
PLOG-4514	proteomics_log	2241417	2241467	-	4	98	K.M*YVDEIFSGLDYANFPK.I	22
PLOG-4515	proteomics_log	2241420	2241467	-	4	17	K.MYVDEIFSGLDYANFPK	20
PLOG-4516	proteomics_log	2241468	2241563	-	4	22	K.SLIAGHMTEIMQLLNLDLADDSLMETPHRIAK.M	36
PLOG-4517	proteomics_log	2241468	2241566	-	4	6	R.KSLIAGHMTEIMQLLNLDLADDSLMETPHRIAK.M	37
PLOG-4518	proteomics_log	2241477	2241563	-	4	8	K.SLIAGHMTEIMQLLNLDLADDSLM*ETPHR.I	34
PLOG-4519	proteomics_log	2241477	2241563	-	4	165	K.SLIAGHMTEIMQLLNLDLADDSLMETPHR.I	33
PLOG-4520	proteomics_log	2241477	2241566	-	4	83	R.KSLIAGHMTEIMQLLNLDLADDSLMETPHR.I	34
PLOG-4521	proteomics_log	2241477	2241569	-	4	2	T.RKSLIAGHM*TEIM*QLLNLDLADDSLM*ETPHR.I	38
PLOG-4522	proteomics_log	2241564	2241620	-	4	45	R.GLETPLRPPVHEMDNETRK.S	23
PLOG-4523	proteomics_log	2241567	2241620	-	4	25	R.GLETPLRPPVHEMDNETR.K	22
PLOG-4524	proteomics_log	2241621	2241656	-	4	118	K.EAALVHEALVAR.G	16
PLOG-4525	proteomics_log	2241621	2241671	-	4	311	M.PSLSKEAALVHEALVAR.G	21
PLOG-4526	proteomics_log	2242803	2242829	-	4	16	R.YFMAVDYRF-	13
PLOG-4527	proteomics_log	2242830	2242901	-	4	4	R.AGVLNLGDKDLSRDDYSYNEDGRR.Y	28
PLOG-4528	proteomics_log	2242830	2242907	-	4	3	K.LRAGVLNLGDKDLSRDDYSYNEDGRR.Y	30
PLOG-4529	proteomics_log	2242863	2242907	-	4	2	K.LRAGVLNLGDKDLSR.D	19
PLOG-4530	proteomics_log	2242902	2242970	-	4	4	K.TPGGYTIWNTGAAWQVTKDKLR.A	27
PLOG-4531	proteomics_log	2242908	2242970	-	4	19	K.TPGGYTIWNTGAAWQVTKDK.L	25
PLOG-4532	proteomics_log	2242917	2242970	-	4	9	K.TPGGYTIWNTGAAWQVTK.D	22
PLOG-4533	proteomics_log	2243160	2243210	-	4	2	R.IQGVETELKIPFNDEWK.L	21
PLOG-4534	proteomics_log	2243211	2243252	-	4	59	R.RIPVFSYNNVVKAR.I	18
PLOG-4535	proteomics_log	2243217	2243249	-	4	2	R.IPVFSYNNVVK.A	15
PLOG-4536	proteomics_log	2243217	2243252	-	4	55	R.RIPVFSYNNVVK.A	16
PLOG-4537	proteomics_log	2243253	2243321	-	4	76	R.TSDVNAAPGYQNFVGFETGANGR.R	27
PLOG-4538	proteomics_log	2243481	2243558	-	4	33	K.GGWATAFKAPSLQLSPDWTSNSCRG.A	30
PLOG-4539	proteomics_log	2243601	2243642	-	4	43	R.MDDHETYGEHWSR.A	18
PLOG-4540	proteomics_log	2243601	2243678	-	4	2	R.IFEPLALTTGVRMDDHETYGEHWSR.A	30
PLOG-4541	proteomics_log	2243643	2243678	-	4	137	R.IFEPLALTTGVR.M	16
PLOG-4542	proteomics_log	2243643	2243723	-	4	63	K.TSASQYALFVEDEWRIFEPLALTTGVR.M	31
PLOG-4543	proteomics_log	2243679	2243723	-	4	18	K.TSASQYALFVEDEWR.I	19
PLOG-4544	proteomics_log	2243724	2243765	-	4	4	K.LSDAVNLTTGGTSSK.T	18
PLOG-4545	proteomics_log	2243724	2243774	-	4	3	R.HDKLSDAVNLTTGGTSSK.T	21
PLOG-4546	proteomics_log	2243775	2243831	-	4	7	K.YTLPLTAINQFLTGGGEWR.H	23
PLOG-4547	proteomics_log	2243979	2244005	-	4	4	R.DSDSLDKNR.L	13
PLOG-4548	proteomics_log	2243979	2244014	-	4	7	R.QDRDSDSLDKNR.L	16
PLOG-4549	proteomics_log	2244015	2244086	-	4	8	R.DGNVEFAWTPNQNHDTAGYGFDR.Q	28

PLOG-4550	proteomics_log	2244087	2244164	-	4	2	K.REKDDPQNSTTTDTGETPRIEGFSSR.D	30
PLOG-4551	proteomics_log	2244108	2244155	-	4	3	K.DDPQNSTTTDTGETPR.I	20
PLOG-4552	proteomics_log	2244108	2244161	-	4	20	R.EKDDPQNSTTTDTGETPR.I	22
PLOG-4553	proteomics_log	2244108	2244164	-	4	13	K.REKDDPQNSTTTDTGETPR.I	23
PLOG-4554	proteomics_log	2244108	2244185	-	4	6	K.AYGLAKREKDDPQNSTTTDTGETPR.I	30
PLOG-4555	proteomics_log	2244165	2244185	-	4	4	K.AYGLAK.R	11
PLOG-4556	proteomics_log	2244186	2244257	-	4	36	R.DRGDTYNGQFFTSGLPLIDGVLGMK.A	28
PLOG-4557	proteomics_log	2244258	2244317	-	4	2	K.KIGQKWSGTVTVDTTIQHR.D	24
PLOG-4558	proteomics_log	2244315	2244380	-	4	4	R.GPMSSLYGSDALGGVVNIITKK.I	26
PLOG-4559	proteomics_log	2244315	2244395	-	4	6	R.IEVVRGPM*SSLYGSDALGGVVNIITKK.I	32
PLOG-4560	proteomics_log	2244315	2244395	-	4	133	R.IEVVRGPMSSLYGSDALGGVVNIITKK.I	31
PLOG-4561	proteomics_log	2244318	2244380	-	4	2	R.GPM*SSLYGSDALGGVVNIITK.K	26
PLOG-4562	proteomics_log	2244318	2244380	-	4	11	R.GPMSSLYGSDALGGVVNIITK.K	25
PLOG-4563	proteomics_log	2244318	2244395	-	4	22	R.IEVVRGPMSSLYGSDALGGVVNIITK.K	30
PLOG-4564	proteomics_log	2244396	2244443	-	4	97	R.HNDFDLNWIPVDSIER.I	20
PLOG-4565	proteomics_log	2244396	2244458	-	4	103	R.NAVFRHNDFDLNWIPVDSIER.I	25
PLOG-4566	proteomics_log	2244459	2244515	-	4	37	R.GLDSYTLILVDGKRVNSR.N	23
PLOG-4567	proteomics_log	2244471	2244515	-	4	23	R.GLDSYTLILVDGKR.V	19
PLOG-4568	proteomics_log	2244474	2244515	-	4	23	R.GLDSYTLILVDGK.R	18
PLOG-4569	proteomics_log	2244534	2244575	-	4	3	K.EVPGVQLTNEGDNR.K	18
PLOG-4570	proteomics_log	2244534	2244608	-	4	9	R.KPVQNLKDVLEKVPVQVLTNEGDNR.K	29
PLOG-4571	proteomics_log	2244609	2244656	-	4	2	K.DAPASISVITQEDLQR.K	20
PLOG-4572	proteomics_log	2244609	2244716	-	4	16	A.VDDDGETMVVVTASSVEQNLKDAPASISVITQEDLQR.K	40
PLOG-4573	proteomics_log	2244657	2244716	-	4	2	A.VDDDGETM*VVTASSVEQNLK.D	25
PLOG-4574	proteomics_log	2247365	2247433	-	6	2	R.ALALLEQAVEIEQLFREDNGAIR.I	27
PLOG-4575	proteomics_log	2252393	2252458	-	6	2	P.DGIKTQEMYVEVDVNSGPCYGR.T	26
PLOG-4576	proteomics_log	2255793	2255849	-	4	2	T.FGVPLIGYQTKALPAFFCR.T	23
PLOG-4577	proteomics_log	2256012	2256056	-	4	3	T.TVASTMIIAALAGIK.V	19
PLOG-4578	proteomics_log	2258887	2259006	-	5	4	R.GSVGAGNAITPEEVAAADLVIVAADIEVDLAKFAGKPM*YR.T	45
PLOG-4579	proteomics_log	2258911	2259006	-	5	43	R.GSVGAGNAITPEEVAAADLVIVAADIEVDLAK.F	36
PLOG-4580	proteomics_log	2259388	2259432	-	5	4	I.MKTLIIIDANLGQAR.A	19
PLOG-4581	proteomics_log	2260390	2260431	-	5	5	K.AIGDAIAAGLGEGA.-	18
PLOG-4582	proteomics_log	2260390	2260470	-	5	3	R.FTAQGADAEQALKAIGDAIAAGLGEGA.-	31
PLOG-4583	proteomics_log	2260390	2260476	-	5	8	R.LRFTAQGADAEQALKAIGDAIAAGLGEGA.-	33
PLOG-4584	proteomics_log	2260639	2260731	-	5	2	R.LLKADAATLLALLTSDDAPTDDVLSAEFVVR.N	35
PLOG-4585	proteomics_log	2260732	2260767	-	5	3	R.LADLLLDNKADR.L	16
PLOG-4586	proteomics_log	2260768	2260860	-	5	14	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLKR.L	35
PLOG-4587	proteomics_log	2275918	2275971	-	5	3	R.LKNFGVAIAEFPFSNYPF.-	22
PLOG-4588	proteomics_log	2277813	2277893	-	4	3	R.IGGITLDADLAPGEYRPLTEEEIASVV.-	31
PLOG-4589	proteomics_log	2277981	2278055	-	4	14	K.GVQLHNEKDLTKPAVLEVITPTQVR.L	29
PLOG-4590	proteomics_log	2278401	2278436	-	4	4	R.GNRVTVDGEIVR.N	16
PLOG-4591	proteomics_log	2278461	2278490	-	4	5	K.FIAQQLGVS.R.A	14
PLOG-4592	proteomics_log	2278461	2278505	-	4	3	H.M*RLDKFIAQQLGVS.R.A	20
PLOG-4593	proteomics_log	2278461	2278505	-	4	27	H.MRLDKFIAQQLGVS.R.A	19
PLOG-4594	proteomics_log	2280508	2280597	-	5	2	R.RRRLAPLPCSLRRTSALIVNISFSLKLILLQ.A	34
PLOG-4595	proteomics_log	2281019	2281057	-	6	7	R.IFWDPATDTLTIK.G	17

PLOG-4596	proteomics_log	2281058	2281117	-	6	2	K.FAGSGGGLTINFDAMLLGER.I	24
PLOG-4597	proteomics_log	2281313	2281372	-	6	2	R.GLLQAVDDFTAEAQLDKAER.Q	24
PLOG-4598	proteomics_log	2281385	2281438	-	6	12	K.VADFFMDFLGASEGLNAK.A	22
PLOG-4599	proteomics_log	2281385	2281441	-	6	8	R.KVADFFMDFLGASEGLNAK.A	23
PLOG-4600	proteomics_log	2281586	2281642	-	6	6	R.YLAVEYLLVAVLSNLSSMR.V	23
PLOG-4601	proteomics_log	2281724	2281756	-	6	3	R.QGEEDFLAFSR.A	15
PLOG-4602	proteomics_log	2281766	2281813	-	6	15	K.AYGLFSESELAQTLR.L	20
PLOG-4603	proteomics_log	2281766	2281819	-	6	9	K.NKAYGLFSESELAQTLR.L	22
PLOG-4604	proteomics_log	2281835	2281921	-	6	11	R.DEQNLELVLRDSLLEPTETVVEMVAELHR.V	33
PLOG-4605	proteomics_log	2281892	2281966	-	6	2	M.SLDINQIALHQLIKRDEQNLELVLR.D	29
PLOG-4606	proteomics_log	2281925	2281966	-	6	2	M.SLDINQIALHQLIK.R	18
PLOG-4607	proteomics_log	2282243	2282329	-	6	9	K.ELAIAWRWAGAMLVLIRLVTM*LPNTIRER.S	34
PLOG-4608	proteomics_log	2303727	2303765	-	4	3	R.VVLFPGPFATFSTK.F	17
PLOG-4609	proteomics_log	2304180	2304209	-	4	2	R.DPQQKVAATR.T	14
PLOG-4610	proteomics_log	2304276	2304308	-	4	27	R.YAALQSSSLFR.G	15
PLOG-4611	proteomics_log	2304315	2304380	-	4	22	R.SFINTVPHMSFVWGEDNVNFLR.A	26
PLOG-4612	proteomics_log	2304429	2304464	-	4	11	K.AVAINEAFQISR.Q	16
PLOG-4613	proteomics_log	2309671	2309724	-	5	23	R.DAGINTDNIVALGLVYQF.-	22
PLOG-4614	proteomics_log	2309725	2309757	-	5	8	K.INLLDDNQFTR.D	15
PLOG-4615	proteomics_log	2309785	2309847	-	5	3	R.GYDDEDILKYVDVGATYYFNK.N	25
PLOG-4616	proteomics_log	2309785	2309865	-	5	3	K.GKNLGRGYDDEDILKYVDVGATYYFNK.N	31
PLOG-4617	proteomics_log	2309944	2309970	-	5	4	R.VGSLGWANK.A	13
PLOG-4618	proteomics_log	2310253	2310312	-	5	13	R.NTDFFLVDGLNFAVQYQ GK.N	24
PLOG-4619	proteomics_log	2310271	2310312	-	5	3	R.NTDFFLVDGLNFA.V	18
PLOG-4620	proteomics_log	2310337	2310432	-	5	2	R.NYGVVYDVTSWTDVLPFEGGDYGSDFMQR.G	36
PLOG-4621	proteomics_log	2310433	2310465	-	5	8	K.FQDVGSFDYGR.N	15
PLOG-4622	proteomics_log	2310433	2310486	-	5	3	R.VAFAGLKFQDVGSFDYGR.N	22
PLOG-4623	proteomics_log	2310598	2310627	-	5	3	K.DVDGDQTYM*R.L	15
PLOG-4624	proteomics_log	2310598	2310660	-	5	2	K.VDGLHYFSDNKDVDGDQTYM*R.L	26
PLOG-4625	proteomics_log	2310598	2310660	-	5	3	K.VDGLHYFSDNKDVDGDQTYMR.L	25
PLOG-4626	proteomics_log	2310598	2310708	-	5	2	A.AEVYNKDGKLDLYGKVDGLHYFSDNKDVDGDQTYM*R.L	42
PLOG-4627	proteomics_log	2310661	2310708	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-4628	proteomics_log	2310661	2310708	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-4629	proteomics_log	2310661	2310708	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-4630	proteomics_log	2310661	2310708	-	5	5	A.AEVYNKDGKLDLYGK.V	20
PLOG-4631	proteomics_log	2314726	2314752	-	5	2	F.WLLM*VLILR.F	14
PLOG-4632	proteomics_log	2315805	2315888	-	4	2	G.DISVDSEPGMGSQFTVRIPLYGAQYPQK.K	32
PLOG-4633	proteomics_log	2316894	2316980	-	4	5	D.KVLERIRM*LILNAILLNVLAGAALFTLAR.M	34
PLOG-4634	proteomics_log	2322441	2322491	-	4	4	Y.RAPFSQALPSSRGLLLR.L	21
PLOG-4635	proteomics_log	2325121	2325165	-	5	2	R.DGPAVDIHFLRIKAQ.V	19
PLOG-4636	proteomics_log	2329074	2329127	-	4	2	R.QMIQDNRLRLMQLAGPGA.R	22
PLOG-4637	proteomics_log	2332922	2333014	-	6	2	R.LAVATHNLAAM*RHGLLALICWLCCVVAHSE.M	36
PLOG-4638	proteomics_log	2332922	2333014	-	6	2	R.LAVATHNLAAM*RHGLLALICWLCCVVAHSE.M	36
PLOG-4639	proteomics_log	2334818	2334928	-	6	2	R.VAEPVDEEDLDTIDGSAAEGDDEIAPEVDVDDEPEEE.-	41
PLOG-4640	proteomics_log	2334929	2334964	-	6	62	R.TAEDENVVGLQR.V	16
PLOG-4641	proteomics_log	2334965	2334991	-	6	50	R.NTQGVILIR.T	13

PLOG-4642	proteomics_log	2334992	2335018	-	6	13	R.VSEISIVGR.N	13
PLOG-4643	proteomics_log	2334992	2335024	-	6	60	R.TRVSEISIVGR.N	15
PLOG-4644	proteomics_log	2335106	2335144	-	6	2	R.ATKGVISIKVTER.N	17
PLOG-4645	proteomics_log	2335145	2335177	-	6	88	R.TAVAEYPTKSR.A	15
PLOG-4646	proteomics_log	2335151	2335177	-	6	14	R.TAVAEYPTK.S	13
PLOG-4647	proteomics_log	2335178	2335225	-	6	11	R.GDGAILTATQNGYGKR.T	20
PLOG-4648	proteomics_log	2335226	2335267	-	6	231	R.LGEGDKVVSLIVPR.G	18
PLOG-4649	proteomics_log	2335226	2335276	-	6	12	R.GIRLGEEDKVVSLIVPR.G	21
PLOG-4650	proteomics_log	2335226	2335288	-	6	2	T.TGVRGIRLGEEDKVVSLIVPR.G	25
PLOG-4651	proteomics_log	2335277	2335306	-	6	5	R.AMGCNTTGVR.G	14
PLOG-4652	proteomics_log	2335337	2335417	-	6	4	K.LVDGDELIGVDLTSGEDEVMLFSAEGK.V	31
PLOG-4653	proteomics_log	2335337	2335417	-	6	4	K.LVDGDELIGVDLTSGEDEVM*LFSAEGK.V	32
PLOG-4654	proteomics_log	2335448	2335474	-	6	6	K.KTVLTFEVR.L	13
PLOG-4655	proteomics_log	2335448	2335552	-	6	2	R.ITAILPVTEFEEGVKVFMATANGTVKKTTLTFEVR.L	39
PLOG-4656	proteomics_log	2335475	2335552	-	6	43	R.ITAILPVTEFEEGVKVFMATANGTVK.K	30
PLOG-4657	proteomics_log	2335553	2335597	-	6	16	R.GRPVNVLLPLEQDER.I	19
PLOG-4658	proteomics_log	2335607	2335633	-	6	7	K.VYQLPEATR.G	13
PLOG-4659	proteomics_log	2335652	2335702	-	6	16	R.LLVANTHDHILCFSSRG.R	21
PLOG-4660	proteomics_log	2335652	2335729	-	6	50	R.IKEEDFIDRLLVANTHDHILCFSSRG.R	30
PLOG-4661	proteomics_log	2335655	2335729	-	6	2	R.IKEEDFIDRLLVANTHDHILCFSSR.G	29
PLOG-4662	proteomics_log	2335703	2335729	-	6	21	R.IKEEDFIDR.L	13
PLOG-4663	proteomics_log	2335760	2335792	-	6	2	K.YQPLSEYEAQR.R	15
PLOG-4664	proteomics_log	2335793	2335888	-	6	4	R.TEITANSADINLEDLITQEDVVVTLSHQGYVK.Y	36
PLOG-4665	proteomics_log	2335973	2336023	-	6	9	K.LLDEYKELLDQIAELLR.I	21
PLOG-4666	proteomics_log	2335973	2336047	-	6	10	K.LTGLEHEKLLDEYKELLDQIAELLR.I	29
PLOG-4667	proteomics_log	2336165	2336221	-	6	64	K.TALVANPWQLGNVAAMLER.A	23
PLOG-4668	proteomics_log	2336165	2336230	-	6	3	A.EAKTALVANPWQLGNVAAM*LER.A	27
PLOG-4669	proteomics_log	2336222	2336314	-	6	2	R.AHILEALAVALANIDPIIELIRHAPTPAEAK.T	35
PLOG-4670	proteomics_log	2336249	2336314	-	6	45	R.AHILEALAVALANIDPIIELIR.H	26
PLOG-4671	proteomics_log	2336249	2336320	-	6	41	R.DRAHILEALAVALANIDPIIELIR.H	28
PLOG-4672	proteomics_log	2336375	2336413	-	6	17	K.IMNLKDIIAAFVR.H	17
PLOG-4673	proteomics_log	2336588	2336614	-	6	3	K.IAELVKEKR.V	13
PLOG-4674	proteomics_log	2336627	2336683	-	6	7	K.TGRETIIVHEIPYQVNKAR.L	23
PLOG-4675	proteomics_log	2336633	2336674	-	6	2	R.ETIIVHEIPYQVVK.A	18
PLOG-4676	proteomics_log	2336633	2336683	-	6	4	K.TGRETIIVHEIPYQVVK.A	21
PLOG-4677	proteomics_log	2337065	2337145	-	6	7	R.YMLVDGQGNFGSIDGDSAAAMRYTEIR.L	31
PLOG-4678	proteomics_log	2337080	2337145	-	6	4	R.YM*LVDGQGNFGSIDGDSAAAM*R.Y	28
PLOG-4679	proteomics_log	2337080	2337145	-	6	24	R.YMLVDGQGNFGSIDGDSAAAMR.Y	26
PLOG-4680	proteomics_log	2337146	2337169	-	6	41	R.MAQPFSLR.Y	12
PLOG-4681	proteomics_log	2337170	2337214	-	6	3	K.YHPHGDSAVYDTIVR.M	19
PLOG-4682	proteomics_log	2337170	2337238	-	6	127	R.VVGDVIGKYHPHGDSAVYDTIVR.M	27
PLOG-4683	proteomics_log	2337260	2337301	-	6	29	R.VLYAMNVLGNDWNK.A	18
PLOG-4684	proteomics_log	2337347	2337388	-	6	9	K.SSYLDYAMSVIVGR.A	18
PLOG-4685	proteomics_log	2337347	2337424	-	6	169	R.EITPVNIEEELKSSYLDYAMSVIVGR.A	30
PLOG-4686	proteomics_log	2337347	2337439	-	6	62	M.SDLAREITPVNIEEELKSSYLDYAMSVIVGR.A	35
PLOG-4687	proteomics_log	2337389	2337424	-	6	2	R.EITPVNIEEELK.S	16

PLOG-4688	proteomics_log	2346041	2346091	-	6	2	L.ALPSINSRSANAKEQAK.L	21
PLOG-4689	proteomics_log	2347975	2348022	-	5	19	K.AGVNGLFTDFPKAVK.F	20
PLOG-4690	proteomics_log	2347975	2348085	-	5	7	R.SDKLPEYTPDVNQLYDALYNKAGVNGLFTDFPKAVK.F	41
PLOG-4691	proteomics_log	2347984	2348022	-	5	3	K.AGVNGLFTDFPK.A	17
PLOG-4692	proteomics_log	2348023	2348085	-	5	16	R.SDKLPEYTPDVNQLYDALYNK.A	25
PLOG-4693	proteomics_log	2348113	2348148	-	5	2	K.LTGM*VQDAQQNK.L	17
PLOG-4694	proteomics_log	2348113	2348148	-	5	17	K.LTGMVQDAQQNK.L	16
PLOG-4695	proteomics_log	2348149	2348229	-	5	3	K.QVAEYADGIGPDYHMLIEETSQPGNIK.L	31
PLOG-4696	proteomics_log	2348293	2348358	-	5	4	K.MGMELNLVQLIAYTDWNETQQK.Q	26
PLOG-4697	proteomics_log	2348359	2348382	-	5	6	R.IKNELEPK.M	12
PLOG-4698	proteomics_log	2348422	2348448	-	5	2	K.YGYTGKDDK.V	13
PLOG-4699	proteomics_log	2348470	2348514	-	5	9	K.APWFHHQEGKDIAAK.T	19
PLOG-4700	proteomics_log	2348515	2348601	-	5	6	R.VHTFEEIEFVQGLNHSTGKNIGIYPEIK.A	33
PLOG-4701	proteomics_log	2348515	2348613	-	5	8	K.SDFRVHTFEEIEFVQGLNHSTGKNIGIYPEIK.A	37
PLOG-4702	proteomics_log	2348542	2348601	-	5	16	R.VHTFEEIEFVQGLNHSTGK.N	24
PLOG-4703	proteomics_log	2348542	2348613	-	5	8	K.SDFRVHTFEEIEFVQGLNHSTGK.N	28
PLOG-4704	proteomics_log	2348614	2348649	-	5	2	K.VQTYPGRFPMGK.S	16
PLOG-4705	proteomics_log	2348686	2348730	-	5	12	R.YYIDFTLDEIKSLK.F	19
PLOG-4706	proteomics_log	2348686	2348742	-	5	4	R.KDGRYYAIDFTLDEIKSLK.F	23
PLOG-4707	proteomics_log	2348695	2348730	-	5	32	R.YYIDFTLDEIK.S	16
PLOG-4708	proteomics_log	2348881	2348922	-	5	37	R.GASGYLPEHTLPAK.A	18
PLOG-4709	proteomics_log	2348923	2348958	-	5	17	A.ADSNEKIVIAHR.G	16
PLOG-4710	proteomics_log	2349638	2349733	-	6	2	E.EYKNDYPDDYNEKAEQELTAKQIFM*QYVLPNK.L	37
PLOG-4711	proteomics_log	2349865	2349939	-	5	2	K.NVAALCQCCTVRTTSVVVFRRCSC.W	29
PLOG-4712	proteomics_log	2361491	2361535	-	6	2	R.NTVGDNLDDLVTILR.E	19
PLOG-4713	proteomics_log	2363397	2363444	-	4	3	D.RSTNQCLSDKTGITVK.G	20
PLOG-4714	proteomics_log	2366847	2366915	-	4	2	S.NAVARLSGDDFQRAIATGNQQWR.N	27
PLOG-4715	proteomics_log	2371994	2372095	-	6	2	A.SMAEGYWRNGQLVSLVNDGQWYATRDRGEM*HNGK.L	39
PLOG-4716	proteomics_log	2373082	2373156	-	5	2	R.IAAWLTPDTIPGLDLDLMQAQQVR.R	29
PLOG-4717	proteomics_log	2374152	2374184	-	4	12	R.EMLQNSPMALR.C	15
PLOG-4718	proteomics_log	2374194	2374262	-	4	107	K.QALDMGLVNTVVPLADLEKETVR.W	27
PLOG-4719	proteomics_log	2374194	2374277	-	4	2	R.QYDAKQALDMGLVNTVVPLADLEKETVR.W	32
PLOG-4720	proteomics_log	2374650	2374706	-	4	36	R.NAFRPLTVKEMIQALADAR.Y	23
PLOG-4721	proteomics_log	2378492	2378587	-	6	2	R.VIDIPFPLKDAFDALSWLASQTYPQFYWQQR.N	36
PLOG-4722	proteomics_log	2378747	2378836	-	6	25	R.ADDYVHEKPWQGIGVGAAGLVGLLLLARR.-	34
PLOG-4723	proteomics_log	2378750	2378836	-	6	44	R.ADDYVHEKPWQGIGVGAAGLVGLLLLARR.R	33
PLOG-4724	proteomics_log	2378858	2378890	-	6	15	R.VSQASDSYYYR.A	15
PLOG-4725	proteomics_log	2378891	2378914	-	6	13	K.ALDDVKKR.V	12
PLOG-4726	proteomics_log	2378891	2378923	-	6	43	R.AEKALDDVKKR.V	15
PLOG-4727	proteomics_log	2378897	2378923	-	6	3	R.AEKALDDVK.K	13
PLOG-4728	proteomics_log	2378924	2378971	-	6	2	R.SSGDPADQKYVELKAR.A	20
PLOG-4729	proteomics_log	2378924	2379022	-	6	10	R.IDDDLTLSETLEEVLRSAGDPADQKYVELKAR.A	37
PLOG-4730	proteomics_log	2378924	2379046	-	6	8	M.SNQFGDTRIDDDLTLSETLEEVLRSAGDPADQKYVELKAR.A	45
PLOG-4731	proteomics_log	2378930	2378971	-	6	29	R.SSGDPADQKYVELK.A	18
PLOG-4732	proteomics_log	2378930	2379022	-	6	34	R.IDDDLTLSETLEEVLRSAGDPADQKYVELK.A	35
PLOG-4733	proteomics_log	2378930	2379046	-	6	11	M.SNQFGDTRIDDDLTLSETLEEVLRSAGDPADQKYVELK.A	43

PLOG-4734	proteomics_log	2378945	2379022	-	6	5	R.IDDDLTLSETLEEVLRSSGDPADQK.Y	30
PLOG-4735	proteomics_log	2378972	2379019	-	6	6	I.DDDLTLSETLEEVLR.S	20
PLOG-4736	proteomics_log	2378972	2379022	-	6	320	R.IDDDLTLSETLEEVLR.S	21
PLOG-4737	proteomics_log	2378972	2379046	-	6	229	M.SNQFGDTRIDDDLTLSETLEEVLR.S	29
PLOG-4738	proteomics_log	2379023	2379046	-	6	4	M.SNQFGDTR.I	12
PLOG-4739	proteomics_log	2379272	2379328	-	6	2	R.VIVSEALRGEKVGQQLMSK.T	23
PLOG-4740	proteomics_log	2379329	2379373	-	6	6	R.ILKSDDDLEPVVIGR.V	19
PLOG-4741	proteomics_log	2379494	2379565	-	6	35	I.MIEWQDLHHSSELSVSQLYALLQLR.C	28
PLOG-4742	proteomics_log	2387375	2387467	-	6	2	K.TFPSNTEEICCKVLIFDADAIFM*GIIIIHFQ.P	36
PLOG-4743	proteomics_log	2393945	2394016	-	6	30	R.MAGMAIDGKDKGEAENEAKPIDVK.S	28
PLOG-4744	proteomics_log	2393960	2394016	-	6	8	R.MAGMAIDGKDKGEAENEAK.P	23
PLOG-4745	proteomics_log	2394389	2394472	-	6	3	T.MTLKELLVGFQTQVRSIWMIGLHAFKR.E	32
PLOG-4746	proteomics_log	2394392	2394427	-	6	2	R.SIWMIGLHAFK.R	16
PLOG-4747	proteomics_log	2394392	2394472	-	6	8	T.MTLKELLVGFQTQVRSIWMIGLHAFK.R	31
PLOG-4748	proteomics_log	2394428	2394472	-	6	4	T.M*TLKELLVGFQTQVR.S	20
PLOG-4749	proteomics_log	2394428	2394472	-	6	130	T.MTLKELLVGFQTQVR.S	19
PLOG-4750	proteomics_log	2395617	2395685	-	4	2	R.MPQPYIKLNPADAALKGVNAGTR.V	27
PLOG-4751	proteomics_log	2395641	2395685	-	4	2	R.M*PQPYIKLNPADAAL.L	20
PLOG-4752	proteomics_log	2395641	2395685	-	4	6	R.MPQPYIKLNPADAAL.L	19
PLOG-4753	proteomics_log	2395686	2395754	-	4	4	R.IAPYYHLFGSDELSQRAPVFQSR.M	27
PLOG-4754	proteomics_log	2395707	2395754	-	4	3	R.IAPYYHLFGSDELSQR.A	20
PLOG-4755	proteomics_log	2395782	2395835	-	4	29	R.LFETSENGLDYFTSVPAR.F	22
PLOG-4756	proteomics_log	2396013	2396039	-	4	3	R.ANISVHEPR.Q	13
PLOG-4757	proteomics_log	2396100	2396201	-	4	30	R.EVDWTQLDHDVIDAVVAKIPELAGIKDAAPDATFR.I	38
PLOG-4758	proteomics_log	2396151	2396201	-	4	3	R.EVDWTQLDHDVIDAVVAK.I	21
PLOG-4759	proteomics_log	2396262	2396300	-	4	3	R.FFQVYDPAYYDSK.T	17
PLOG-4760	proteomics_log	2396397	2396429	-	4	12	K.APLVMVVDHQR.T	15
PLOG-4761	proteomics_log	2396469	2396585	-	4	9	R.SVNSMGLGIMGGGSLEEALTELETGRADAVVLENDLHR.H	43
PLOG-4762	proteomics_log	2396586	2396618	-	4	14	R.GADVGITMIAR.S	15
PLOG-4763	proteomics_log	2396634	2396705	-	4	5	K.KPLIISGTNAGSLEVIQAAANVAK.A	28
PLOG-4764	proteomics_log	2396706	2396819	-	4	6	R.LGFAIAHALDNSAPAVDGIPELQSKIDVIVQALAGAK.K	42
PLOG-4765	proteomics_log	2396742	2396819	-	4	7	R.LGFAIAHALDNSAPAVDGIPELQSK.I	30
PLOG-4766	proteomics_log	2396916	2396960	-	4	4	K.VADWQIAAILNIGQR.A	19
PLOG-4767	proteomics_log	2396916	2396981	-	4	3	R.EMAAAQKVADWQIAAILNIGQR.A	26
PLOG-4768	proteomics_log	2396982	2397023	-	4	2	R.VALAVRQAVKGGKAR.E	18
PLOG-4769	proteomics_log	2397231	2397257	-	4	3	K.KVIGIGSPR.A	13
PLOG-4770	proteomics_log	2397267	2397332	-	4	2	R.RGDDFITLNAEQAMQGAADILR.Q	26
PLOG-4771	proteomics_log	2398534	2398557	-	5	8	R.NLEEFFAR.E	12
PLOG-4772	proteomics_log	2398558	2398617	-	5	86	R.LGTALAMAVDHEINMVSLVR.N	24
PLOG-4773	proteomics_log	2398558	2398629	-	5	4	K.AGSRLGTALAMAVDHEINMVSLVR.N	28
PLOG-4774	proteomics_log	2398765	2398812	-	5	48	R.VKNPGLWELPFGTTAR.E	20
PLOG-4775	proteomics_log	2398813	2398854	-	5	2	K.SKDAGTKLM*GFSGR.V	19
PLOG-4776	proteomics_log	2399206	2399271	-	5	10	R.LLMEQLPHLLVEGMLISAFALK.A	26
PLOG-4777	proteomics_log	2399392	2399460	-	5	2	R.KALTGLSPDEIVNQVKDAGLKGR.G	27
PLOG-4778	proteomics_log	2399488	2399529	-	5	2	R.LRDDKQPWWLDEYR.S	18
PLOG-4779	proteomics_log	2399530	2399559	-	5	3	R.TPETHPLTWR.L	14

PLOG-4780	proteomics_log	2399530	2399577	-	5	5	-.MKNIIIRTPETHPLTWR.L	20
PLOG-4781	proteomics_log	2399530	2399577	-	5	5	-.MKNIIIRTPETHPLTWR.L	20
PLOG-4782	proteomics_log	2399700	2399738	-	4	2	K.LNIKPGQTTFDGR.F	17
PLOG-4783	proteomics_log	2399700	2399741	-	4	9	K.KLNIKPGQTTFDGR.F	18
PLOG-4784	proteomics_log	2399817	2399933	-	4	41	R.GWVPDGAIHAIADVLGIPASDVEGVATFYSQIFRQPVGR.H	43
PLOG-4785	proteomics_log	2399832	2399897	-	4	2	A.DVLGIPASDVEGVATFYSQIFR.Q	26
PLOG-4786	proteomics_log	2399832	2399933	-	4	34	R.GWVPDGAIHAIADVLGIPASDVEGVATFYSQIFR.Q	38
PLOG-4787	proteomics_log	2400080	2400148	-	6	36	R.GSLVSDLIVYLGSIDFVMSDVDR.-	27
PLOG-4788	proteomics_log	2400080	2400193	-	6	6	R.TPSFAHLQQIPAAIRGSLVSDLIVYLGSIDFVMSDVDR.-	42
PLOG-4789	proteomics_log	2400149	2400193	-	6	7	R.TPSFAHLQQIPAAIR.G	19
PLOG-4790	proteomics_log	2400257	2400358	-	6	20	R.TLQHIETLITHFLQVSWGPMMPANESFQMIATK.G	38
PLOG-4791	proteomics_log	2401319	2401351	-	6	8	R.ATEFSPFELTK.A	15
PLOG-4792	proteomics_log	2401412	2401492	-	6	3	K.LFPNANWYERETWDLFGITFDGHPNLR.R	31
PLOG-4793	proteomics_log	2401493	2401537	-	6	2	K.VALAENDLHVPTFTK.L	19
PLOG-4794	proteomics_log	2401790	2401825	-	6	3	R.DHLDDPVIGELR.N	16
PLOG-4795	proteomics_log	2401976	2402011	-	6	66	R.IAVTNLRTPDEI.-	16
PLOG-4796	proteomics_log	2402363	2402395	-	6	2	R.FGAEVLRASPR.Q	15
PLOG-4797	proteomics_log	2402615	2402635	-	6	2	K.MDYTLTR.I	11
PLOG-4798	proteomics_log	2402660	2402692	-	6	3	R.MNPETNSIANR.Q	15
PLOG-4799	proteomics_log	2409713	2409769	-	6	2	R.ARHKIAGLPAPEVFTAER.V	23
PLOG-4800	proteomics_log	2409764	2409808	-	6	2	P.WAIVTSGSMPVARAR.H	19
PLOG-4801	proteomics_log	2409770	2409820	-	6	3	K.AGIPWAIVTSGSMPVAR.A	21
PLOG-4802	proteomics_log	2409821	2409901	-	6	21	R.LEHIEATETEGITALPGAIALLSHLNK.A	31
PLOG-4803	proteomics_log	2409974	2410018	-	6	12	R.HGLAPEEVLAFIHGK.Q	19
PLOG-4804	proteomics_log	2409974	2410021	-	6	5	R.RHGLAPEEVLAFIHGK.Q	20
PLOG-4805	proteomics_log	2410043	2410099	-	6	44	K.GFLFDLDGTLVDSLPAVER.A	23
PLOG-4806	proteomics_log	2410125	2410169	-	4	8	R.QYHLSANEINQIINA.-	19
PLOG-4807	proteomics_log	2410353	2410436	-	4	14	R.TIIDIMEMYHALHVSWSNLQDQQSIDER.R	32
PLOG-4808	proteomics_log	2410503	2410526	-	4	4	R.RLQTIIER.G	12
PLOG-4809	proteomics_log	2410533	2410568	-	4	25	K.MMTMLDPANAER.Y	16
PLOG-4810	proteomics_log	2410569	2410592	-	4	3	R.LILSNQYK.M	12
PLOG-4811	proteomics_log	2410593	2410616	-	4	3	T.M*EMTNAQR.L	13
PLOG-4812	proteomics_log	2410593	2410616	-	4	5	T.MEM*TNAQR.L	13
PLOG-4813	proteomics_log	2410593	2410616	-	4	28	T.MEMTNAQR.L	12
PLOG-4814	proteomics_log	2414824	2414889	-	5	3	N.RSQRDGVDDIVNQCATGQVVNR.L	26
PLOG-4815	proteomics_log	2416659	2416697	-	4	20	R.NAKNEAVETETA.-	17
PLOG-4816	proteomics_log	2416938	2417030	-	4	3	R.TETKDFLPGMLDATAGGVVQADEQLLESARR.E	35
PLOG-4817	proteomics_log	2417403	2417429	-	4	10	H.THLPVAEQR.G	13
PLOG-4818	proteomics_log	2417403	2417510	-	4	2	R.LFLTHGHLFGPENLALNQNNDVLVYGHTHLPVAEQR.G	40
PLOG-4819	proteomics_log	2418421	2418504	-	5	4	M.SKPAITLWSDAHFFSPYVLSAWVALQEK.G	32
PLOG-4820	proteomics_log	2418688	2418750	-	5	3	T.AFPQVYLNQAIQLCFEQR.N	25
PLOG-4821	proteomics_log	2421884	2421952	-	6	16	R.IMQQLAEEGKTMVVVTHEMGFAR.H	27
PLOG-4822	proteomics_log	2421953	2422036	-	6	10	R.ALAM*EPEVLLFDEPTSALDPELVGEVLR.I	33
PLOG-4823	proteomics_log	2421953	2422036	-	6	46	R.ALAMEPEVLLFDEPTSALDPELVGEVLR.I	32
PLOG-4824	proteomics_log	2422052	2422099	-	6	2	R.AQGKYPVHLSGGQQQR.V	20
PLOG-4825	proteomics_log	2422052	2422117	-	6	2	K.VGIDERAQKYPVHLSGGQQQR.V	26

PLOG-4826	proteomics_log	2422490	2422528	-	6	21	M.SENKLNVIDLHKR.Y	17
PLOG-4827	proteomics_log	2424031	2424057	-	5	3	K.YFDFDVYGG.-	13
PLOG-4828	proteomics_log	2424031	2424060	-	5	44	K.KYFDFDVYGG.-	14
PLOG-4829	proteomics_log	2424031	2424069	-	5	2	K.LAKKYFDFDVYGG.-	17
PLOG-4830	proteomics_log	2424058	2424090	-	5	13	R.ADGTYEKLAKK.Y	15
PLOG-4831	proteomics_log	2424061	2424090	-	5	100	R.ADGTYEKLAK.K	14
PLOG-4832	proteomics_log	2424091	2424123	-	5	2	R.EALNKAFAMR.A	15
PLOG-4833	proteomics_log	2424091	2424144	-	5	4	R.KEDNELREALNKAFAM*R.A	23
PLOG-4834	proteomics_log	2424091	2424144	-	5	120	R.KEDNELREALNKAFAMR.A	22
PLOG-4835	proteomics_log	2424091	2424177	-	5	4	K.LFGVGTGM*GLRKEDNELREALNKAFAM*R.A	35
PLOG-4836	proteomics_log	2424091	2424177	-	5	10	K.LFGVGTGMGLRKEDNELREALNKAFAMR.A	33
PLOG-4837	proteomics_log	2424109	2424144	-	5	18	R.KEDNELREALNK.A	16
PLOG-4838	proteomics_log	2424109	2424177	-	5	3	K.LFGVGTGMGLRKEDNELREALNK.A	27
PLOG-4839	proteomics_log	2424124	2424144	-	5	12	R.KEDNELR.E	11
PLOG-4840	proteomics_log	2424145	2424177	-	5	2	K.LFGVGTGM*GLR.K	16
PLOG-4841	proteomics_log	2424145	2424177	-	5	98	K.LFGVGTGMGLR.K	15
PLOG-4842	proteomics_log	2424145	2424207	-	5	42	K.FGGPSVKDEKLFVGTGMGLR.K	25
PLOG-4843	proteomics_log	2424178	2424207	-	5	13	K.FGGPSVKDEK.L	14
PLOG-4844	proteomics_log	2424208	2424282	-	5	64	R.IDAAFQDEVAASEGFLKQPVGKDYK.F	29
PLOG-4845	proteomics_log	2424283	2424345	-	5	39	K.GIEIVSYQQDNIYSDLTAGR.I	25
PLOG-4846	proteomics_log	2424346	2424405	-	5	217	R.VGVLQGTQETFGNEHWAPK.G	24
PLOG-4847	proteomics_log	2424346	2424408	-	5	109	K.RVGVLQGTQETFGNEHWAPK.G	25
PLOG-4848	proteomics_log	2424346	2424435	-	5	50	Q.PTVESLKGKRVGVLQGTQETFGNEHWAPK.G	34
PLOG-4849	proteomics_log	2424406	2424450	-	5	184	K.NSDIQPTVESLKGKR.V	19
PLOG-4850	proteomics_log	2424406	2424465	-	5	49	R.LVVAKNSDIQPTVESLKGKR.V	24
PLOG-4851	proteomics_log	2424409	2424450	-	5	35	K.NSDIQPTVESLKGK.R	18
PLOG-4852	proteomics_log	2424409	2424465	-	5	2	R.LVVAKNSDIQPTVESLKGK.R	23
PLOG-4853	proteomics_log	2424415	2424450	-	5	51	K.NSDIQPTVESLK.G	16
PLOG-4854	proteomics_log	2424451	2424516	-	5	3	K.RQQEIAFTDKLYAADSRLVVAK.N	26
PLOG-4855	proteomics_log	2424466	2424486	-	5	11	K.LYAADSR.L	11
PLOG-4856	proteomics_log	2424466	2424486	-	5	11	K.LYAADSR.L	11
PLOG-4857	proteomics_log	2424466	2424513	-	5	10	R.QQEIAFTDKLYAADSR.L	20
PLOG-4858	proteomics_log	2424466	2424516	-	5	20	K.RQQEIAFTDKLYAADSR.L	21
PLOG-4859	proteomics_log	2424466	2424558	-	5	12	K.KIDAIMSSLSITEKRQQEIAFTDKLYAADSR.L	35
PLOG-4860	proteomics_log	2424487	2424516	-	5	2	K.RQQEIAFTDK.L	14
PLOG-4861	proteomics_log	2424514	2424555	-	5	5	K.IDAIMSSLSITEKR.Q	18
PLOG-4862	proteomics_log	2424514	2424558	-	5	9	K.KIDAIM*SSLSITEKR.Q	20
PLOG-4863	proteomics_log	2424514	2424558	-	5	187	K.KIDAIMSSLSITEKR.Q	19
PLOG-4864	proteomics_log	2424514	2424564	-	5	6	K.AKKIDAIMSSLSITEKR.Q	21
PLOG-4865	proteomics_log	2424517	2424555	-	5	5	K.IDAIMSSLSITEK.R	17
PLOG-4866	proteomics_log	2424517	2424558	-	5	89	K.KIDAIMSSLSITEK.R	18
PLOG-4867	proteomics_log	2424517	2424564	-	5	2	K.AKKIDAIM*SSLSITEK.R	21
PLOG-4868	proteomics_log	2424517	2424564	-	5	8	K.AKKIDAIMSSLSITEK.R	20
PLOG-4869	proteomics_log	2424559	2424627	-	5	6	K.RINTQCTFVENPLDALIPSLKAK.K	27
PLOG-4870	proteomics_log	2424628	2424723	-	5	2	R.IGTDPTYAPFESKNSQGELVGFIDIDLAKELCK.R	36
PLOG-4871	proteomics_log	2424634	2424723	-	5	2	R.IGTDPTYAPFESKNSQGELVGFIDIDLAKEL.C	34

PLOG-4872	proteomics_log	2424640	2424684	-	5	85	K.NSQGELVGFIDIDLAK.E	19
PLOG-4873	proteomics_log	2424640	2424723	-	5	91	R.IGTDPTYAPFESKNSQGELVGFIDIDLAK.E	32
PLOG-4874	proteomics_log	2424685	2424723	-	5	177	R.IGTDPTYAPFESK.N	17
PLOG-4875	proteomics_log	2425034	2425063	-	6	51	K.KYDFDNVYGD.-	14
PLOG-4876	proteomics_log	2425061	2425111	-	6	7	K.ALGELRQDGTYDKMAKK.Y	21
PLOG-4877	proteomics_log	2425064	2425147	-	6	2	R.KDDAELTAAFNKALGELRQDGTYDKM*AK.K	33
PLOG-4878	proteomics_log	2425073	2425111	-	6	25	K.ALGELRQDGTYDK.M	17
PLOG-4879	proteomics_log	2425073	2425180	-	6	2	K.YFGDGTGVGLRKDDAELTAAFNKALGELRQDGTYDK.M	40
PLOG-4880	proteomics_log	2425112	2425144	-	6	6	K.DDAELTAAFNK.A	15
PLOG-4881	proteomics_log	2425112	2425147	-	6	27	R.KDDAELTAAFNK.A	16
PLOG-4882	proteomics_log	2425112	2425180	-	6	22	K.YFGDGTGVGLRKDDAELTAAFNK.A	27
PLOG-4883	proteomics_log	2425148	2425180	-	6	23	K.YFGDGTGVGLR.K	15
PLOG-4884	proteomics_log	2425190	2425285	-	6	11	R.LDAALQDEVAASEGFLKQPAGKDFAFAGSSVK.D	36
PLOG-4885	proteomics_log	2425286	2425348	-	6	3	K.GVDVVAYANQDLVYSDLAAGR.L	25
PLOG-4886	proteomics_log	2425286	2425354	-	6	14	R.SKGVVVAYANQDLVYSDLAAGR.L	27
PLOG-4887	proteomics_log	2425355	2425411	-	6	21	K.HVGVLQGSTQEAYANETWR.S	23
PLOG-4888	proteomics_log	2425355	2425417	-	6	3	K.GKHVGLQGSTQEAYANETWR.S	25
PLOG-4889	proteomics_log	2425355	2425453	-	6	10	K.GSPIQPTLDSLKGKHVGLQGSTQEAYANETWR.S	37
PLOG-4890	proteomics_log	2425412	2425453	-	6	34	K.GSPIQPTLDSLKGK.H	18
PLOG-4891	proteomics_log	2425412	2425468	-	6	2	R.LIAAKGSPQPTLDSLKGK.H	23
PLOG-4892	proteomics_log	2425469	2425489	-	6	11	K.LYAADSR.L	11
PLOG-4893	proteomics_log	2425469	2425489	-	6	11	K.LYAADSR.L	11
PLOG-4894	proteomics_log	2425469	2425516	-	6	3	R.QQEIAFSDKLYAADSR.L	20
PLOG-4895	proteomics_log	2425469	2425561	-	6	3	K.KIDAIISLSDTKRQQEIAFSDKLYAADSR.L	35
PLOG-4896	proteomics_log	2425517	2425558	-	6	5	K.IDAIISLSDTKR.Q	18
PLOG-4897	proteomics_log	2425517	2425561	-	6	286	K.KIDAIISLSDTKR.Q	19
PLOG-4898	proteomics_log	2425517	2425567	-	6	11	K.AKKIDAIISLSDTKR.Q	21
PLOG-4899	proteomics_log	2425520	2425561	-	6	9	K.KIDAIISLSDTKR	18
PLOG-4900	proteomics_log	2425679	2425726	-	6	88	R.IGTDTTYAPFSSKDAK.G	20
PLOG-4901	proteomics_log	2425686	2425766	-	4	34	H.SGFQLCGATGDGTYRNRHYHLRTVLIER.C	31
PLOG-4902	proteomics_log	2425688	2425726	-	6	54	R.IGTDTTYAPFSSK.D	17
PLOG-4903	proteomics_log	2426526	2426591	-	4	2	R.LLQVLRDVTDIETHLVMSQAAR.Q	26
PLOG-4904	proteomics_log	2426746	2426784	-	5	7	R.QNEVENLEMHNAG.-	17
PLOG-4905	proteomics_log	2426784	2426852	-	4	6	K.MLIRATSISSIRYVM*M*TPKQCNV.R	29
PLOG-4906	proteomics_log	2426797	2426853	-	5	2	K.DVDQGYLDFLDTLRNDDAK.A	23
PLOG-4907	proteomics_log	2426812	2426853	-	5	4	K.DVDQGYLDFLDTLR.N	18
PLOG-4908	proteomics_log	2426917	2426955	-	5	2	L.IFQDLNLDLIDAVR.A	17
PLOG-4909	proteomics_log	2426917	2426979	-	5	60	R.QIIGADGLIFQDLNLDLIDAVR.A	25
PLOG-4910	proteomics_log	2426917	2426997	-	5	19	R.EVDEIRQIIGADGLIFQDLNLDLIDAVR.A	31
PLOG-4911	proteomics_log	2426998	2427057	-	5	5	R.FPNVYGIDMPSATELIAHGR.E	24
PLOG-4912	proteomics_log	2426998	2427090	-	5	7	K.VYLASAAPEIRFPNVYGIDMPSATELIAHGR.E	35
PLOG-4913	proteomics_log	2426998	2427093	-	5	5	K.KVYLASAAPEIRFPNVYGIDMPSATELIAHGR.E	36
PLOG-4914	proteomics_log	2427109	2427144	-	5	5	R.GTTSEQIEMAR.E	16
PLOG-4915	proteomics_log	2427145	2427183	-	5	4	R.DKNVLLVDDSIVR.G	17
PLOG-4916	proteomics_log	2427232	2427261	-	5	4	R.TFIMPGQQLR.R	14
PLOG-4917	proteomics_log	2428039	2428071	-	5	3	R.LQGNMGIGHVR.Y	15

PLOG-4918	proteomics_log	2428084	2428122	-	5	93	R.KANGLVSDVFEAR.H	17
PLOG-4919	proteomics_log	2428084	2428128	-	5	6	R.LRKANGLVSDVFEAR.H	19
PLOG-4920	proteomics_log	2429927	2429989	-	6	7	R.VLAVIGMLHDKDIAGTLAWLK.S	25
PLOG-4921	proteomics_log	2430017	2430070	-	6	5	R.VIFDVAHNPHAAEYLTR.M	22
PLOG-4922	proteomics_log	2430071	2430166	-	6	7	R.ASGLEVSENAIRDGIASAILPGRFQIVSESPR.V	36
PLOG-4923	proteomics_log	2430317	2430385	-	6	2	R.SEKPAIVGEPEMPSTIADVAQEK.G	27
PLOG-4924	proteomics_log	2430317	2430400	-	6	3	K.AGIFRSEKPAIVGEPEMPSTIADVAQEK.G	32
PLOG-4925	proteomics_log	2430407	2430508	-	6	2	R.LDATNIVDADVAVVTSIALDHTDWLGPRESIGR.E	38
PLOG-4926	proteomics_log	2430887	2430949	-	6	16	R.TPQAASPLASWLSYLENLHSK.T	25
PLOG-4927	proteomics_log	2431037	2431081	-	6	2	R.EGVVPPVPPDQEPEA.-	19
PLOG-4928	proteomics_log	2431037	2431120	-	6	2	K.LM*NLPAPNPEAPREGVVVPPVPPDQEPEA.-	33
PLOG-4929	proteomics_log	2431037	2431120	-	6	19	K.LMNLAPNPEAPREGVVVPPVPPDQEPEA.-	32
PLOG-4930	proteomics_log	2431082	2431120	-	6	29	K.LMNLAPNPEAPR.E	17
PLOG-4931	proteomics_log	2431121	2431147	-	6	49	R.LKLASILAK.L	13
PLOG-4932	proteomics_log	2431163	2431186	-	6	11	K.GAIDMIVR.R	12
PLOG-4933	proteomics_log	2431187	2431207	-	6	2	R.SEFLIEK.G	11
PLOG-4934	proteomics_log	2431208	2431255	-	6	27	R.VIEQTVREKLPPGFQR.S	20
PLOG-4935	proteomics_log	2431256	2431282	-	6	103	K.ALIGFAGPR.V	13
PLOG-4936	proteomics_log	2431283	2431378	-	6	3	R.GLPYISVLTDPTMGGVSASFAMLGDLNIAEPK.A	36
PLOG-4937	proteomics_log	2431379	2431411	-	6	3	K.TSAALAKM*QER.G	16
PLOG-4938	proteomics_log	2431379	2431411	-	6	5	K.TSAALAKMQER.G	15
PLOG-4939	proteomics_log	2431379	2431450	-	6	5	R.MQEALMSLMQMAKTSAAALAKMQER.G	28
PLOG-4940	proteomics_log	2431391	2431450	-	6	2	R.MQEALMSLMQMAKTSAAALAK.M	24
PLOG-4941	proteomics_log	2431412	2431450	-	6	236	R.MQEALMSLMQMAK.T	17
PLOG-4942	proteomics_log	2431412	2431450	-	6	236	R.M*QEALMSLMQMAK.T	18
PLOG-4943	proteomics_log	2431526	2431612	-	6	9	K.GTLYGMPVVAAAFEFAMGGSMGSSVVGAR.F	33
PLOG-4944	proteomics_log	2431613	2431666	-	6	8	R.LASAQKETGEKDALVVMK.G	22
PLOG-4945	proteomics_log	2431691	2431774	-	6	12	R.NRLHSLLDGSLVELGSELEPKDVLKFR.D	32
PLOG-4946	proteomics_log	2431697	2431768	-	6	15	R.LHSLLDGSLVELGSELEPKDVLK.F	28
PLOG-4947	proteomics_log	2431697	2431774	-	6	161	R.NRLHSLLDGSLVELGSELEPKDVLK.F	30
PLOG-4948	proteomics_log	2431709	2431774	-	6	3	R.NRLHSLLDGSLVELGSELEPK.D	26
PLOG-4949	proteomics_log	2431871	2431903	-	6	2	R.KASIPEGVWTK.C	15
PLOG-4950	proteomics_log	2431904	2431930	-	6	57	R.IKSNITPTR.K	13
PLOG-4951	proteomics_log	2433661	2433720	-	5	19	R.FGGALMAVKIAEKLQVEYLY.-	24
PLOG-4952	proteomics_log	2433694	2433720	-	5	5	R.FGGALMAVK.I	13
PLOG-4953	proteomics_log	2434030	2434092	-	5	4	R.QLAFNMLPLLPDSEGSVREER.R	25
PLOG-4954	proteomics_log	2434039	2434092	-	5	2	R.QLAFNMLPLLPDSEGSVR.E	22
PLOG-4955	proteomics_log	2434093	2434137	-	5	49	K.LLNGIPIDEEDFFGR.Q	19
PLOG-4956	proteomics_log	2434138	2434170	-	5	10	K.AVDALAGQSAK.L	15
PLOG-4957	proteomics_log	2434138	2434173	-	5	69	K.KAVDALAGQSAK.L	16
PLOG-4958	proteomics_log	2434138	2434215	-	5	7	R.ISVTSLISASAQGGKAVDALAGQSAK.L	30
PLOG-4959	proteomics_log	2434174	2434215	-	5	6	R.ISVTSLISASAQGGK.K	18
PLOG-4960	proteomics_log	2434216	2434299	-	5	29	R.NVIAVPDSLTSQLLAALKPLIDQGGLSR.I	32
PLOG-4961	proteomics_log	2434216	2434305	-	5	3	R.NRNVIAVPDSLTSQLLAALKPLIDQGGLSR.I	34
PLOG-4962	proteomics_log	2434516	2434554	-	5	2	R.NESAGEQLRFGGK.T	17
PLOG-4963	proteomics_log	2434528	2434554	-	5	3	R.NESAGEQLR.F	13

PLOG-4964	proteomics_log	2434555	2434668	-	5	8	M.SEGWNI AVL GAT GAV GE ALLE T LA ER Q FPV GEI YAL AR. N	42
PLOG-4965	proteomics_log	2434555	2434671	-	5	2	T.MSEGWNI AVL GAT GAV GE ALLE T LA ER Q FPV GEI YAL AR. N	43
PLOG-4966	proteomics_log	2434591	2434668	-	5	42	M.SEGWNI AVL GAT GAV GE ALLE T LA ER. Q	30
PLOG-4967	proteomics_log	2434591	2434671	-	5	7	T.MSEGWNI AVL GAT GAV GE ALLE T LA ER. Q	31
PLOG-4968	proteomics_log	2434740	2434772	-	4	11	K.LGFNAVHHPAR.-	15
PLOG-4969	proteomics_log	2434941	2434982	-	4	3	R.ITLHGPLDQPTLKR.L	18
PLOG-4970	proteomics_log	2434983	2435045	-	4	7	K.FIGHEQHVALDTLLPAPEFGR.I	25
PLOG-4971	proteomics_log	2435085	2435135	-	4	2	K.KVDIGTSHIAGYTLEGK.A	21
PLOG-4972	proteomics_log	2435247	2435288	-	4	2	R.SLKPGAILINACRG.A	18
PLOG-4973	proteomics_log	2435742	2435819	-	4	2	R.LGEVTAVPGRPIVAQLADADALM*VR.S	31
PLOG-4974	proteomics_log	2435742	2435819	-	4	214	R.LGEVTAVPGRPIVAQLADADALMVR.S	30
PLOG-4975	proteomics_log	2437856	2437954	-	6	2	G.YGADAWLRRATGRSIEWCKTFGASGNVSLWSGWR.R	37
PLOG-4976	proteomics_log	2438644	2438685	-	5	86	R.EVFGDKSPAISATK.A	18
PLOG-4977	proteomics_log	2438644	2438703	-	5	87	K.ELAAIREVFGDKSPAISATK.A	24
PLOG-4978	proteomics_log	2438644	2438781	-	5	3	K.MAMHGVDTPIDYLN SHGTSTPVG DVKELAAIREVFGDKSPAISATK.A	50
PLOG-4979	proteomics_log	2438644	2438781	-	5	3	K.M*AM*HGVDTPIDYLN SHGTSTPVG DVKELAAIREVFGDKSPAISATK.A	52
PLOG-4980	proteomics_log	2438686	2438781	-	5	19	K.MAMHGVDTPIDYLN SHGTSTPVG DVKELAAIR.E	36
PLOG-4981	proteomics_log	2438704	2438781	-	5	16	K.MAMHGVDTPIDYLN SHGTSTPVG DVK.E	30
PLOG-4982	proteomics_log	2438791	2438880	-	5	43	R.GAHIYAEIVGYGATSDGADMVAPSGEGAVR.C	34
PLOG-4983	proteomics_log	2438881	2438949	-	5	35	R.DGFVIAGGGGMVVVEELEHALAR.G	27
PLOG-4984	proteomics_log	2438881	2438967	-	5	60	R.TYDAHRDGFVIAGGGGM*VVVEELEHALAR.G	34
PLOG-4985	proteomics_log	2438881	2438967	-	5	347	R.TYDAHRDGFVIAGGGGMVVVEELEHALAR.G	33
PLOG-4986	proteomics_log	2438968	2438997	-	5	34	K.YNDTPEKASR.T	14
PLOG-4987	proteomics_log	2439220	2439246	-	5	2	K.AVGOPYVVTK.A	13
PLOG-4988	proteomics_log	2439220	2439255	-	5	113	R.GLKAVGOPYVVTK.A	16
PLOG-4989	proteomics_log	2439220	2439294	-	5	3	R.FQVFGADAMRGRGLKAVGOPYVVTK.A	29
PLOG-4990	proteomics_log	2439256	2439294	-	5	34	R.FQVFGADAMRGR.G	17
PLOG-4991	proteomics_log	2439265	2439294	-	5	2	R.FQVFGADAM*R.G	15
PLOG-4992	proteomics_log	2439265	2439294	-	5	61	R.FQVFGADAMR.G	14
PLOG-4993	proteomics_log	2439295	2439333	-	5	234	R.VGLIAGSGGGSPR.F	17
PLOG-4994	proteomics_log	2439334	2439429	-	5	5	R.FM*SDASIYAFLSMEQAIADAGLSPEAYQNNPR.V	37
PLOG-4995	proteomics_log	2439334	2439429	-	5	5	R.FMSDASIYAFLSM*EQAIADAGLSPEAYQNNPR.V	37
PLOG-4996	proteomics_log	2439334	2439429	-	5	5	R.FM*SDASIYAFLSM*EQAIADAGLSPEAYQNNPR.V	38
PLOG-4997	proteomics_log	2439334	2439429	-	5	160	R.FMSDASIYAFLSMEQAIADAGLSPEAYQNNPR.V	36
PLOG-4998	proteomics_log	2439439	2439468	-	5	96	K.LDTTGLIDRK.V	14
PLOG-4999	proteomics_log	2439439	2439492	-	5	70	R.SHVWGNVKLDTTGLIDRK.V	22
PLOG-5000	proteomics_log	2439442	2439468	-	5	23	K.LDTTGLIDR.K	13
PLOG-5001	proteomics_log	2439442	2439492	-	5	23	R.SHVWGNVKLDTTGLIDR.K	21
PLOG-5002	proteomics_log	2439469	2439492	-	5	3	R.SHVWGNVK.L	12
PLOG-5003	proteomics_log	2439493	2439537	-	5	4	R.SGITFSQELKDSGM*R.S	20
PLOG-5004	proteomics_log	2439493	2439537	-	5	129	R.SGITFSQELKDSGMR.S	19
PLOG-5005	proteomics_log	2439508	2439537	-	5	22	R.SGITFSQELK.D	14
PLOG-5006	proteomics_log	2439538	2439618	-	5	343	R.AVITGLGIVSSIGNNQEVLASLREGR.S	31
PLOG-5007	proteomics_log	2439538	2439627	-	5	30	-.MKRAVITGLGIVSSIGNNQEVLASLREGR.S	34
PLOG-5008	proteomics_log	2439547	2439618	-	5	194	R.AVITGLGIVSSIGNNQEVLASLR.E	28
PLOG-5009	proteomics_log	2439547	2439627	-	5	2	-.M*KRAVITGLGIVSSIGNNQEVLASLR.E	32

PLOG-5010	proteomics_log	2439547	2439627	-	5	14	-.MKRAVITGLGIVSSIGNNQEVLASLR.E	31
PLOG-5011	proteomics_log	2439855	2439884	-	4	2	P.VIVGKIDIVK.I	14
PLOG-5012	proteomics_log	2441916	2441972	-	4	4	R.DQALVTDMWENLFQQASQQ.-	23
PLOG-5013	proteomics_log	2441916	2441972	-	4	4	R.DQALVTDM*WENLFQQASQQ.-	24
PLOG-5014	proteomics_log	2441916	2442002	-	4	4	K.AIGAGELSPRDQALVTDMWENLFQQASQQ.-	33
PLOG-5015	proteomics_log	2442003	2442095	-	4	2	R.GHLTLIAIELESGDDHSAQAVHTTVSQSLEK.A	35
PLOG-5016	proteomics_log	2442096	2442167	-	4	23	R.ILALIDGMVDHASDDELFAFGYLR.G	28
PLOG-5017	proteomics_log	2443882	2443911	-	5	40	K.LAAQDKDVTR.I	14
PLOG-5018	proteomics_log	2443912	2443968	-	5	2	R.DGKHVVSTLWKPEIFSLIK.L	23
PLOG-5019	proteomics_log	2444458	2444508	-	5	12	V.PIAEAMLAIVLMDHLLR.Q	21
PLOG-5020	proteomics_log	2444458	2444514	-	5	4	R.AVPIAEAMLAIVLM*DHLR.Q	24
PLOG-5021	proteomics_log	2444458	2444514	-	5	5	R.AVPIAEAM*LAIVLMDHLLR.Q	24
PLOG-5022	proteomics_log	2444458	2444514	-	5	187	R.AVPIAEAMLAIVLMDHLLR.Q	23
PLOG-5023	proteomics_log	2444458	2444541	-	5	64	G.RHDPCVGIRAVPIAEAMLAIVLMDHLLR.Q	32
PLOG-5024	proteomics_log	2444731	2444772	-	5	2	K.GVEIGDGFVVALR.G	18
PLOG-5025	proteomics_log	2444773	2444877	-	5	4	K.VTVVASGVPAGLGEVDFDRLDADIAHALM*SINAVK.G	40
PLOG-5026	proteomics_log	2444773	2444877	-	5	54	K.VTVVASGVPAGLGEVDFDRLDADIAHALMSINAVK.G	39
PLOG-5027	proteomics_log	2444878	2444913	-	5	14	R.ALKKEGDSIGAK.V	16
PLOG-5028	proteomics_log	2445034	2445069	-	5	3	K.KYLAEKFGIEIR.G	16
PLOG-5029	proteomics_log	2445154	2445222	-	5	2	R.SQDYSAIKDVFVRPHADYTYEQK.Y	27
PLOG-5030	proteomics_log	2445463	2445492	-	5	77	M.AGNTIGQLFR.V	14
PLOG-5031	proteomics_log	2446175	2446201	-	6	3	R.IPVAYLTNK.A	13
PLOG-5032	proteomics_log	2446175	2446216	-	6	2	R.RVNERIPVAYLTNK.A	18
PLOG-5033	proteomics_log	2446238	2446261	-	6	2	R.LTSSEKHR.I	12
PLOG-5034	proteomics_log	2446262	2446348	-	6	2	T.DNPWDEAVQLVPLSLYPLDIPEDM*RTAR.L	34
PLOG-5035	proteomics_log	2446271	2446384	-	6	42	R.FSAANIWYGHGTDNPWDEAVQLVPLSLYPLDIPEDMR.T	42
PLOG-5036	proteomics_log	2446400	2446453	-	6	19	K.IFVDEAVNELQTIQDMLR.W	22
PLOG-5037	proteomics_log	2455544	2455606	-	6	6	K.FGFPVGPILLDEVGIDTGTK.I	25
PLOG-5038	proteomics_log	2456666	2456710	-	6	3	R.LIGVSTALEMILTGTK.Q	19
PLOG-5039	proteomics_log	2457913	2457942	-	5	2	R.MGDTAEQM*AK.T	15
PLOG-5040	proteomics_log	2458066	2458131	-	5	2	A.GIAGGADSSSVLPIGVSKKLAR.V	26
PLOG-5041	proteomics_log	2458258	2458338	-	5	4	R.SEIPAEVIEQLVFGQVVQM*PEAPNIAR.E	32
PLOG-5042	proteomics_log	2458258	2458338	-	5	23	R.SEIPAEVIEQLVFGQVVQMPEAPNIAR.E	31
PLOG-5043	proteomics_log	2458801	2458860	-	5	4	R.VFANRAEAEQTLAALTEKAR.S	24
PLOG-5044	proteomics_log	2458807	2458845	-	5	4	R.AEAEQTLAALTEK.A	17
PLOG-5045	proteomics_log	2460651	2460698	-	4	5	Y.AGDFIQANALSERVVK.V	20
PLOG-5046	proteomics_log	2462418	2462450	-	4	2	R.AQLLSDGLLR.Q	15
PLOG-5047	proteomics_log	2462505	2462552	-	4	4	R.DDGGDM*ADGFYPVLSW.L	21
PLOG-5048	proteomics_log	2465904	2465945	-	4	2	T.KNHPVYKGVQHTNR.G	18
PLOG-5049	proteomics_log	2492302	2492361	-	5	4	A.ADNAPVAAQQQTQQVQQTQK.T	24
PLOG-5050	proteomics_log	2495829	2495876	-	4	2	R.SVPLVEGVDFFNELER.A	20
PLOG-5051	proteomics_log	2496171	2496233	-	4	2	K.MAARRRGEDIIDFSM*GNPDGA.T	26
PLOG-5052	proteomics_log	2496234	2496281	-	4	2	R.IDRLPPYVFNITAELK.M	20
PLOG-5053	proteomics_log	2497473	2497520	-	4	3	R.LTGSRANEVIAIIVM.F	20
PLOG-5054	proteomics_log	2498103	2498177	-	4	16	G.ISHRNAYPISALCNADGDNAFTFAR.L	29
PLOG-5055	proteomics_log	2505134	2505232	-	6	7	R.TVLTAAAGEKGALM*YAM*GIAAATAIDLGGPINKA.A	39

PLOG-5056	proteomics_log	2505365	2505439	-	6	4	P.VPSTFIGALIISIVAGYLVKWM*NQK.I	30
PLOG-5057	proteomics_log	2506507	2506590	-	5	46	R.FKEYVHDIPVYLIVHDNPGLLGSGAHLR.Q	32
PLOG-5058	proteomics_log	2506786	2506848	-	5	4	R.AIVKADNRLPENLKPDKITER.A	25
PLOG-5059	proteomics_log	2506849	2506884	-	5	17	R.VLSGPGLVNLYR.A	16
PLOG-5060	proteomics_log	2506885	2506914	-	5	30	R.AEIGHVSAER.V	14
PLOG-5061	proteomics_log	2506915	2506998	-	5	47	R.WVSLPGEGGHVFAPNSEEEAIILEILR.A	32
PLOG-5062	proteomics_log	2507110	2507184	-	5	8	K.NLGFSHLEIINDFTAVSMAIPMLKK.E	29
PLOG-5063	proteomics_log	2507401	2507445	-	5	75	M.TKYALVGDVGGTNAR.L	19
PLOG-5064	proteomics_log	2510693	2510725	-	6	3	M.TNYRVESSGR.A	15
PLOG-5065	proteomics_log	2511330	2511419	-	4	2	A.RMITGNTRMCWRIPISAEIKTIGHSTFRKK.N	34
PLOG-5066	proteomics_log	2517282	2517317	-	4	20	K.ALDFIAERENQQ.-	16
PLOG-5067	proteomics_log	2517282	2517326	-	4	17	R.INKALDFIAERENQQ.-	19
PLOG-5068	proteomics_log	2517282	2517338	-	4	6	R.SIERINKALDFIAERENQQ.-	23
PLOG-5069	proteomics_log	2517426	2517512	-	4	24	K.LAAITDWTAEVHHAIQATADELEVGMGK.V	33
PLOG-5070	proteomics_log	2517426	2517518	-	4	10	R.DKLAAITDWTAEVHHAIQATADELEVGMGK.V	35
PLOG-5071	proteomics_log	2517426	2517539	-	4	6	R.QPLEVVRDKLAAITDWTAEVHHAIQATADELEVGMGK.V	42
PLOG-5072	proteomics_log	2517561	2517608	-	4	2	R.YFYEDFAEFDADAACK.H	20
PLOG-5073	proteomics_log	2517660	2517689	-	4	14	R.NGPQLADLVK.L	14
PLOG-5074	proteomics_log	2517816	2517896	-	4	23	R.LGWSHGDQEIFTREEMIKYFTLNAVSK.S	31
PLOG-5075	proteomics_log	2517897	2517941	-	4	16	R.DDGYLPEALLNYLVR.L	19
PLOG-5076	proteomics_log	2517897	2517971	-	4	2	R.HGAVSVM*QYRDDGYLPEALLNYLVR.L	30
PLOG-5077	proteomics_log	2517897	2517971	-	4	64	R.HGAVSVMQYRDDGYLPEALLNYLVR.L	29
PLOG-5078	proteomics_log	2518068	2518097	-	4	12	R.GEDHINNTPR.Q	14
PLOG-5079	proteomics_log	2518176	2518223	-	4	5	R.GPIEFSNQELDDLIIR.R	20
PLOG-5080	proteomics_log	2518176	2518271	-	4	10	R.FANPQEGSVVFDQIRGPIEFSNQELDDLIIR.R	36
PLOG-5081	proteomics_log	2518224	2518271	-	4	2	R.FANPQEGSVVFDQIR.G	20
PLOG-5082	proteomics_log	2518350	2518382	-	4	5	R.LEALREEQMAK.G	15
PLOG-5083	proteomics_log	2518404	2518451	-	4	3	R.YNAVIDQMLEEGTAYK.C	20
PLOG-5084	proteomics_log	2518404	2518463	-	4	3	K.RFDRYNAVIDQMLEEGTAYK.C	24
PLOG-5085	proteomics_log	2518464	2518550	-	4	12	R.STPEAIEAIMDGMNWSLEWDEGPYYQTK.R	33
PLOG-5086	proteomics_log	2518551	2518574	-	4	15	R.IEDTDLER.S	12
PLOG-5087	proteomics_log	2518575	2518601	-	4	2	R.NHGGEFVLR.I	13
PLOG-5088	proteomics_log	2518602	2518631	-	4	58	R.TALYSWLFAR.N	14
PLOG-5089	proteomics_log	2518632	2518676	-	4	62	R.FAPSPTGYLHVGGAR.T	19
PLOG-5090	proteomics_log	2518632	2518682	-	4	3	K.TRFAPSPTGYLHVGGAR.T	21
PLOG-5091	proteomics_log	2519639	2519662	-	6	15	Q.QVTPAMVK.L	12
PLOG-5092	proteomics_log	2526198	2526245	-	4	3	K.AQELGIEVIDEAEMLR.L	20
PLOG-5093	proteomics_log	2526246	2526317	-	4	2	K.VAGSVSKKTDLVIAGEAAGSKLAK.A	28
PLOG-5094	proteomics_log	2526255	2526296	-	4	4	K.KTDLVIAGEAAGSK.L	18
PLOG-5095	proteomics_log	2526396	2526488	-	4	5	R.NVISELLAEGVHWPAPIVINAEIISPFGAK.T	35
PLOG-5096	proteomics_log	2526738	2526770	-	4	3	K.LTAGKLTGLER.M	15
PLOG-5097	proteomics_log	2526771	2526857	-	4	4	R.AMDVDGMDGDKIIDQLVEKEYVHTPADLFK.L	33
PLOG-5098	proteomics_log	2527101	2527172	-	4	3	R.LEPVHVAGVLVSNATLHNADEIER.L	28
PLOG-5099	proteomics_log	2527599	2527628	-	4	6	R.TGGKVFANPR.N	14
PLOG-5100	proteomics_log	2527977	2528015	-	4	2	R.VGAAPLAAFSQIR.H	17
PLOG-5101	proteomics_log	2528163	2528198	-	4	27	D.MESIEQQLTEL.R.T	16

PLOG-5102	proteomics_log	2528272	2528337	-	5	6	R.MMTPQKLREYQDIIREVKDANA.-	26
PLOG-5103	proteomics_log	2534753	2534821	-	6	4	R.QYLLPLAQGITPNIFELEILTGK.N	27
PLOG-5104	proteomics_log	2536697	2536750	-	6	3	R.YLSTGVFGEEHFSQGAGI.-	22
PLOG-5105	proteomics_log	2536901	2536972	-	6	71	R.WPTEYLPGIFNASLVDEVLDIHQR.D	28
PLOG-5106	proteomics_log	2536901	2536975	-	6	97	R.RWPTEYLPGIFNASLVDEVLDIHQR.D	29
PLOG-5107	proteomics_log	2536976	2537044	-	6	2	R.EQSKPVTIVGLQPEEGSSIPGIR.R	27
PLOG-5108	proteomics_log	2536976	2537053	-	6	45	R.FMREQSKPVTIVGLQPEEGSSIPGIR.R	30
PLOG-5109	proteomics_log	2537054	2537110	-	6	3	R.ITHFVSSM*GTTGTITGVS.R.F	24
PLOG-5110	proteomics_log	2537054	2537110	-	6	27	R.ITHFVSSMGTGTITGVS.R.F	23
PLOG-5111	proteomics_log	2537111	2537197	-	6	2	K.LLDQFNNPDNPYAHYTTTGPETIQQTGG.R.I	33
PLOG-5112	proteomics_log	2537198	2537236	-	6	5	R.DLALEMANRGEKG.L	17
PLOG-5113	proteomics_log	2537237	2537293	-	6	2	R.AYGAEILVLTKEQGMGAR.D	23
PLOG-5114	proteomics_log	2537261	2537293	-	6	16	R.AYGAEILVTK.E	15
PLOG-5115	proteomics_log	2537357	2537443	-	6	7	K.RGEIKPGDVLIEATSGNTGIALAMIAALK.G	33
PLOG-5116	proteomics_log	2537357	2537476	-	6	10	R.AALSMIVEAEKRGEIKPGDVLIEATSGNTGIALAMIAALK.G	44
PLOG-5117	proteomics_log	2537477	2537515	-	6	12	K.LEGNNPAGSVKDR.A	17
PLOG-5118	proteomics_log	2537477	2537551	-	6	17	R.MGPDNGSEVWLKLEGNNPAGSVKDR.A	29
PLOG-5119	proteomics_log	2537552	2537602	-	6	26	V.STLEQTIGNTPLVKLQR.M	21
PLOG-5120	proteomics_log	2537561	2537602	-	6	127	V.STLEQTIGNTPLVK.L	18
PLOG-5121	proteomics_log	2537805	2537831	-	4	12	R.LFVGLQHAR.L	13
PLOG-5122	proteomics_log	2538306	2538389	-	4	3	R.ALAVEPQILLLDEPFGALDAQVRKELRR.W	32
PLOG-5123	proteomics_log	2538318	2538389	-	4	4	R.ALAVEPQILLLDEPFGALDAQVRK.E	28
PLOG-5124	proteomics_log	2538321	2538389	-	4	14	R.ALAVEPQILLLDEPFGALDAQVR.K	27
PLOG-5125	proteomics_log	2538411	2538479	-	4	3	K.LLEMVQLAHLADRYPAQLSGGQK.Q	27
PLOG-5126	proteomics_log	2538525	2538575	-	4	2	R.HMTVFDNIAFGLTVLPR.R	21
PLOG-5127	proteomics_log	2538657	2538698	-	4	3	R.IIAGLEHQTSGHIR.F	18
PLOG-5128	proteomics_log	2538699	2538794	-	4	2	R.TQVLNDISLDIPSGQMVALLGPSGSGKTTLLR.I	36
PLOG-5129	proteomics_log	2540537	2540590	-	6	168	K.THFTSGGELDKLLAAGR.N	22
PLOG-5130	proteomics_log	2540540	2540590	-	6	3	K.THFTSGGELDKLLAAGR.N	21
PLOG-5131	proteomics_log	2540591	2540629	-	6	2	R.VEDKFGSWPEVMK.T	17
PLOG-5132	proteomics_log	2540630	2540692	-	6	26	R.VNNPEVMDKLDKDFPQTEFR.V	25
PLOG-5133	proteomics_log	2540666	2540692	-	6	2	R.VNNPEVM*DK.L	14
PLOG-5134	proteomics_log	2540693	2540755	-	6	39	K.AYLNWLYSPQAQTIITDYYR.V	25
PLOG-5135	proteomics_log	2540756	2540833	-	6	101	K.TNILAEFPVAWVDKNVQANGTEKAAK.A	30
PLOG-5136	proteomics_log	2540765	2540833	-	6	17	K.TNILAEFPVAWVDKNVQANGTEK.A	27
PLOG-5137	proteomics_log	2540834	2540872	-	6	22	K.QYEAQGFVVIPK.T	17
PLOG-5138	proteomics_log	2540834	2540875	-	6	7	R.KQYEAQGFVVIPK.T	18
PLOG-5139	proteomics_log	2540834	2540926	-	6	259	R.GLGDVLISFESEVNNIRKQYEAQGFVVIPK.T	35
PLOG-5140	proteomics_log	2540873	2540926	-	6	162	R.GLGDVLISFESEVNNIRK.Q	22
PLOG-5141	proteomics_log	2540873	2540953	-	6	3	R.GATTTFAERGLGDVLISFESEVNNIRK.Q	31
PLOG-5142	proteomics_log	2540876	2540926	-	6	88	R.GLGDVLISFESEVNNIR.K	21
PLOG-5143	proteomics_log	2540927	2540953	-	6	5	R.GATTTFAER.G	13
PLOG-5144	proteomics_log	2540927	2540983	-	6	4	K.NVEVFDTGGRGATTTFAER.G	23
PLOG-5145	proteomics_log	2540954	2540983	-	6	25	K.NVEVFDTGGR.G	14
PLOG-5146	proteomics_log	2540984	2541073	-	6	115	R.YTYLAAWGAADKADGGDKGKTEQFMQFLK.N	34
PLOG-5147	proteomics_log	2541038	2541073	-	6	2	R.YTYLAAWGAADK.A	16

PLOG-5148	proteomics_log	2541092	2541124	-	6	9	R.SDVKLIFPNPK.T	15
PLOG-5149	proteomics_log	2541125	2541154	-	6	38	K.NIHDWNDLVR.S	14
PLOG-5150	proteomics_log	2541125	2541169	-	6	18	R.KGNPKNIHDWNDLVR.S	19
PLOG-5151	proteomics_log	2541170	2541220	-	6	137	R.LPNNSSPFYSTMGFLVR.K	21
PLOG-5152	proteomics_log	2541170	2541247	-	6	66	K.LIPADWQSRLPNNSSPFYSTMGFLVR.K	30
PLOG-5153	proteomics_log	2541248	2541337	-	6	33	K.QALAILQGLKADVVTYNQVTDVQILHDKGK.L	34
PLOG-5154	proteomics_log	2541254	2541337	-	6	4	K.QALAILQGLKADVVTYNQVTDVQILHDK.G	32
PLOG-5155	proteomics_log	2541338	2541391	-	6	3	K.DNGGDKLTIKQSHAGSSK.Q	22
PLOG-5156	proteomics_log	2541362	2541391	-	6	2	K.DNGGDKLTIK.Q	14
PLOG-5157	proteomics_log	2541392	2541439	-	6	8	R.ELFAALNPPFEQQWAK.D	20
PLOG-5158	proteomics_log	2541440	2541475	-	6	192	A.TELLNSSYDVS.R.E	16
PLOG-5159	proteomics_log	2542004	2542051	-	6	6	R.QSNPEDPESVLTEMAK.A	20
PLOG-5160	proteomics_log	2542109	2542144	-	6	4	K.SLAVEYAQSGIR.V	16
PLOG-5161	proteomics_log	2542169	2542240	-	6	4	R.IVM*M*SSVTGDM*VADPGETAYALT.K.A	31
PLOG-5162	proteomics_log	2542487	2542561	-	6	50	R.HGANLILLDISPEIEKLADELCEGRG.H	29
PLOG-5163	proteomics_log	2542514	2542561	-	6	11	R.HGANLILLDISPEIEK.L	20
PLOG-5164	proteomics_log	2542574	2542624	-	6	45	K.TALITGALQGIGEGIAR.T	21
PLOG-5165	proteomics_log	2542574	2542642	-	6	2	M.GKLTGKTALITGALQGIGEGIAR.T	27
PLOG-5166	proteomics_log	2546853	2546903	-	4	18	A.VQFRGGNLLRFKAFQQR.V	21
PLOG-5167	proteomics_log	2547671	2547733	-	6	39	R.FTKPVTGGYYFAPSLDKLMAL.-	25
PLOG-5168	proteomics_log	2547734	2547805	-	6	3	R.LHNIEQQLLSMFGDTDGKRDAM*LR.F	29
PLOG-5169	proteomics_log	2547734	2547805	-	6	11	R.LHNIEQQLLSMFGDTDGKRDAMLR.F	28
PLOG-5170	proteomics_log	2547749	2547805	-	6	23	R.LHNIEQQLLSMFGDTDGKR.D	23
PLOG-5171	proteomics_log	2547881	2547913	-	6	2	R.VDLKEDGKGLK.I	15
PLOG-5172	proteomics_log	2547914	2547976	-	6	6	R.TKEANEEIDGDERPETSHLTR.V	25
PLOG-5173	proteomics_log	2547977	2548012	-	6	15	R.MSVHDQEMVIGR.T	16
PLOG-5174	proteomics_log	2548106	2548159	-	6	6	R.DLSGFVDGTENPAGEETR.R	22
PLOG-5175	proteomics_log	2548262	2548315	-	6	41	K.GLAPTTQFDVLIHILSLR.H	22
PLOG-5176	proteomics_log	2548262	2548372	-	6	5	R.ALSSGGVGAELKDFPGYGKGLAPTTQFDVLIHILSLR.H	41
PLOG-5177	proteomics_log	2548373	2548462	-	6	4	K.TFADKLATFEAKFPDAHLGAVVAFGNNTWR.A	34
PLOG-5178	proteomics_log	2548526	2548564	-	6	2	M.SQVQSGILPEHCR.A	17
PLOG-5179	proteomics_log	2548843	2548920	-	5	3	R.IDVLDSDIPADTGVKIGTSPFSDLYSK.A	30
PLOG-5180	proteomics_log	2548876	2548920	-	5	4	R.IDVLDSDIPADTGVK.I	19
PLOG-5181	proteomics_log	2548990	2549025	-	5	2	R.SGMKTANGNVVR.F	16
PLOG-5182	proteomics_log	2549759	2549800	-	6	14	R.LGYEHADVLSLGKR.L	18
PLOG-5183	proteomics_log	2554030	2554131	-	5	5	R.AGLDAMIAHIENGAAFQWANDAQDTAFLAHVVS.R.T	38
PLOG-5184	proteomics_log	2555236	2555286	-	5	2	R.SVM*ASM*GQAAPAPSEAK.C	23
PLOG-5185	proteomics_log	2556289	2556330	-	5	2	G.GSEDLLQRGPDLRR.E	18
PLOG-5186	proteomics_log	2557758	2557814	-	4	3	A.DKGLSMNRPGKTKALYPLR.V	23
PLOG-5187	proteomics_log	2564238	2564264	-	4	4	T.GAQLVQVTR.R	13
PLOG-5188	proteomics_log	2569099	2569134	-	5	7	V.VTGGEAVVEAAR.K	16
PLOG-5189	proteomics_log	2569216	2569278	-	5	2	K.KVSQRITLLNQAIVAAGGPE.N	25
PLOG-5190	proteomics_log	2570278	2570313	-	5	8	K.AATDAGAAAAQR.I	16
PLOG-5191	proteomics_log	2570401	2570442	-	5	2	R.GLVALIEASDAMVK.A	18
PLOG-5192	proteomics_log	2571393	2571479	-	4	2	R.VVFPDQALDQRVLKAAQYLHQQLATPILV.A	33
PLOG-5193	proteomics_log	2574123	2574173	-	4	18	R.IVNM*VALAVVEAQTQPL.-	22

PLOG-5194	proteomics_log	2574123	2574176	-	4	31	R.RIVNMVALAVVEAQTQPL.-	22
PLOG-5195	proteomics_log	2574174	2574266	-	4	8	R.VSSSEGVTVGPVLMGVAKPVHVLTPIASVRR.I	35
PLOG-5196	proteomics_log	2574177	2574266	-	4	22	R.VSSSEGVTVGPVLMGVAKPVHVLTPIASVR.R	34
PLOG-5197	proteomics_log	2574267	2574287	-	4	10	R.ISYNLLR.V	11
PLOG-5198	proteomics_log	2574288	2574332	-	4	14	K.GSANILVMPNMEAAR.I	19
PLOG-5199	proteomics_log	2574354	2574431	-	4	2	R.ERAPELMIDGEMHGDAALVEAIRNDR.M	30
PLOG-5200	proteomics_log	2574762	2574809	-	4	63	R.ALISNPTVIGAIMVQR.G	20
PLOG-5201	proteomics_log	2574810	2574836	-	4	67	R.GVTQEQAQR.A	13
PLOG-5202	proteomics_log	2574810	2574839	-	4	98	R.RGVTQEQAQR.A	14
PLOG-5203	proteomics_log	2574882	2574926	-	4	11	K.AGVDFEIVNNE SDPR.F	19
PLOG-5204	proteomics_log	2574927	2574953	-	4	6	R.IQKLG LQIK.A	13
PLOG-5205	proteomics_log	2574954	2575037	-	4	7	R.VLHATQELVTLGLAKPILIGRPNVIEM*R.I	33
PLOG-5206	proteomics_log	2574954	2575037	-	4	144	R.VLHATQELVTLGLAKPILIGRPNVIEMR.I	32
PLOG-5207	proteomics_log	2574954	2575070	-	4	3	K.RVVLPEGEEARVLHATQELVTLGLAKPILIGRPNVIEM*R.I	44
PLOG-5208	proteomics_log	2575038	2575070	-	4	8	K.RVVLPEGEEAR.V	15
PLOG-5209	proteomics_log	2575083	2575121	-	4	18	K.TNLFMKPIFSQAR.K	17
PLOG-5210	proteomics_log	2575083	2575205	-	4	2	K.AAMESGVATRPIADFDVYIDKLTEFVYKTNLFMKPIFSQAR.K	45
PLOG-5211	proteomics_log	2575122	2575205	-	4	7	K.AAM*ESGVATRPIADFDVYIDKLTEFVYK.T	33
PLOG-5212	proteomics_log	2575122	2575205	-	4	121	K.AAMESGVATRPIADFDVYIDKLTEFVYK.T	32
PLOG-5213	proteomics_log	2575206	2575238	-	4	4	R.LIVKIAPAVAK.A	15
PLOG-5214	proteomics_log	2575353	2575412	-	4	4	R.GALDVGATAINEEM*KLA AVR.A	25
PLOG-5215	proteomics_log	2575353	2575412	-	4	103	R.GALDVGATAINEEMKLA AVR.A	24
PLOG-5216	proteomics_log	2575368	2575412	-	4	6	R.GALDVGATAINEEMK.L	19
PLOG-5217	proteomics_log	2575410	2575466	-	4	4	R.SDYPNQVNNVLCFPFIFRG.A	23
PLOG-5218	proteomics_log	2575503	2575562	-	4	5	R.APM*ILALANPEPEILPPLAK.E	25
PLOG-5219	proteomics_log	2575503	2575562	-	4	108	R.APMILALANPEPEILPPLAK.E	24
PLOG-5220	proteomics_log	2575572	2575598	-	4	37	K.VLTQEMVKK.M	13
PLOG-5221	proteomics_log	2575656	2575688	-	4	87	K.AAYAVDDGKR.T	15
PLOG-5222	proteomics_log	2575689	2575733	-	4	7	K.GVIYQGREPNMAETK.A	19
PLOG-5223	proteomics_log	2575833	2575862	-	4	6	R.VVEKNISDVR.M	14
PLOG-5224	proteomics_log	2575833	2575940	-	4	7	R.MNIPVFHDDQHGTAIISTAAILNGLRVVEKNISDVR.M	40
PLOG-5225	proteomics_log	2575863	2575940	-	4	59	R.MNIPVFHDDQHGTAIISTAAILNGLR.V	30
PLOG-5226	proteomics_log	2575983	2576099	-	4	9	K.FAGIDVFDIEVDELDPDKFIEVVAALEPTFGGINLEDIK.A	43
PLOG-5227	proteomics_log	2576118	2576210	-	4	4	R.GNLVAVISNGTAVLGLGNIGALAGKPM*EGK.G	36
PLOG-5228	proteomics_log	2576118	2576210	-	4	113	R.GNLVAVISNGTAVLGLGNIGALAGKPM*EGK.G	35
PLOG-5229	proteomics_log	2576301	2576339	-	4	27	K.IQVSPTKPLATQR.D	17
PLOG-5230	proteomics_log	2576340	2576399	-	4	5	Q.MDDQLKQSALDFHEFPVPGK.I	24
PLOG-5231	proteomics_log	2581078	2581161	-	5	4	R.KLFELYMSPGGVTELIHFFIAEYSDNQR.A	32
PLOG-5232	proteomics_log	2582093	2582137	-	6	3	N.VVVLGGGDTAMDCVR.T	19
PLOG-5233	proteomics_log	2582093	2582137	-	6	3	N.VVVLGGGDTAMDCVR.T	19
PLOG-5234	proteomics_log	2582504	2582560	-	6	13	R.VAIIGAGPAGLACADVLR.N	23
PLOG-5235	proteomics_log	2582504	2582560	-	6	13	R.VAIIGAGPAGLACADVLR.N	23
PLOG-5236	proteomics_log	2587521	2587559	-	4	6	R.SIM*ANEVPVLLSR.S	18
PLOG-5237	proteomics_log	2592043	2592096	-	5	2	L.GCLLRLLQTSELALPALR.G	22
PLOG-5238	proteomics_log	2594460	2594549	-	4	7	R.SISPNEDEAAKFTSVILATTEDTWGQQFEK.M	34
PLOG-5239	proteomics_log	2594948	2595001	-	6	12	R.FRQSLGGLIEAYEAVARR.L	22

PLOG-5240	proteomics_log	2594951	2594995	-	6	144	R.QSLGGLIEAYEAVAR.R	19
PLOG-5241	proteomics_log	2594951	2595001	-	6	7	R.FRQSLGGLIEAYEAVAR.R	21
PLOG-5242	proteomics_log	2594951	2595016	-	6	2	K.M*DKDRFRQSLGGLIEAYEAVAR.R	27
PLOG-5243	proteomics_log	2594951	2595016	-	6	10	K.MDKDRFRQSLGGLIEAYEAVAR.R	26
PLOG-5244	proteomics_log	2594954	2595001	-	6	2	R.FRQSLGGLIEAYEAVA.R	20
PLOG-5245	proteomics_log	2595017	2595043	-	6	23	R.LWDKETLEK.M	13
PLOG-5246	proteomics_log	2595044	2595148	-	6	4	K.LFDDAGLILVDFKLEFGLYKGEVVLGDEFSPDGSR.L	39
PLOG-5247	proteomics_log	2595110	2595148	-	6	16	K.LFDDAGLILVDFK.L	17
PLOG-5248	proteomics_log	2595110	2595151	-	6	13	K.KLFDDAGLILVDFK.L	18
PLOG-5249	proteomics_log	2595110	2595190	-	6	4	R.MKELTYKANDVLKLFDDAGLILVDFK.L	31
PLOG-5250	proteomics_log	2595149	2595190	-	6	5	R.M*KELTYKANDVLKK.L	19
PLOG-5251	proteomics_log	2595149	2595190	-	6	27	R.MKELTYKANDVLKK.L	18
PLOG-5252	proteomics_log	2595152	2595190	-	6	4	R.M*KELTYKANDVLK.K	18
PLOG-5253	proteomics_log	2595152	2595190	-	6	21	R.MKELTYKANDVLK.K	17
PLOG-5254	proteomics_log	2595242	2595331	-	6	9	K.RLGIEEGIELNPPLFDLFLKNDAM*HDPM*VN.E	36
PLOG-5255	proteomics_log	2595272	2595328	-	6	32	R.LGIEEGIELNPPLFDLFLK.N	23
PLOG-5256	proteomics_log	2595272	2595331	-	6	80	K.RLGIEEGIELNPPLFDLFLK.N	24
PLOG-5257	proteomics_log	2595329	2595352	-	6	10	R.AAGSLVKR.L	12
PLOG-5258	proteomics_log	2595329	2595358	-	6	4	R.NRAAGSLVKR.L	14
PLOG-5259	proteomics_log	2595332	2595358	-	6	3	R.NRAAGSLVKR	13
PLOG-5260	proteomics_log	2595359	2595394	-	6	14	K.KLDMVPECVVR.N	16
PLOG-5261	proteomics_log	2595395	2595424	-	6	2	R.LLSDTECLVK.K	14
PLOG-5262	proteomics_log	2595425	2595460	-	6	31	K.LAEAGIPTQM*ER.L	17
PLOG-5263	proteomics_log	2595425	2595460	-	6	173	K.LAEAGIPTQMER.L	16
PLOG-5264	proteomics_log	2595461	2595484	-	6	15	K.FNYFIMSK.L	12
PLOG-5265	proteomics_log	2595461	2595502	-	6	2	K.GM*VNNKFNYFIMSK.L	19
PLOG-5266	proteomics_log	2595461	2595502	-	6	2	K.GM*VNNKFNYFIM*SK.L	20
PLOG-5267	proteomics_log	2595461	2595502	-	6	8	K.GMVNNKFNYFIM*SK.L	19
PLOG-5268	proteomics_log	2595461	2595502	-	6	342	K.GMVNNKFNYFIMSK.L	18
PLOG-5269	proteomics_log	2595461	2595505	-	6	3	R.KGMVNNKFNYFIM*SK.L	20
PLOG-5270	proteomics_log	2595461	2595505	-	6	3	R.KGM*VNNKFNYFIMSK.L	20
PLOG-5271	proteomics_log	2595461	2595505	-	6	3	R.KGM*VNNKFNYFIM*SK.L	21
PLOG-5272	proteomics_log	2595461	2595505	-	6	53	R.KGMVNNKFNYFIMSK.L	19
PLOG-5273	proteomics_log	2595461	2595523	-	6	21	R.IEQFDRKGMVNNKFNYFIMSK.L	25
PLOG-5274	proteomics_log	2595524	2595601	-	6	3	K.TVYSTENPDLLVLEFRNDTSAGDGAR.I	30
PLOG-5275	proteomics_log	2595524	2595607	-	6	60	K.AKTVYSTENPDLLVLEFRNDTSAGDGAR.I	32
PLOG-5276	proteomics_log	2595554	2595601	-	6	291	K.TVYSTENPDLLVLEFR.N	20
PLOG-5277	proteomics_log	2595554	2595607	-	6	99	K.AKTVYSTENPDLLVLEFR.N	22
PLOG-5278	proteomics_log	2595554	2595625	-	6	10	A.ELYRGKAKTVYSTENPDLLVLEFR.N	28
PLOG-5279	proteomics_log	2595602	2595631	-	6	15	K.QAELYRGKAK.T	14
PLOG-5280	proteomics_log	2595602	2595640	-	6	71	K.MQKQAELYRGKAK.T	17
PLOG-5281	proteomics_log	2595608	2595640	-	6	9	K.M*QKQAELYRGK.A	16
PLOG-5282	proteomics_log	2595608	2595640	-	6	160	K.MQKQAELYRGK.A	15
PLOG-5283	proteomics_log	2595614	2595640	-	6	3	K.M*QKQAELYR.G	14
PLOG-5284	proteomics_log	2595614	2595640	-	6	40	K.MQKQAELYR.G	13
PLOG-5285	proteomics_log	2595856	2595921	-	5	15	K.GHTLTQSQNDALVAVFQAASK.-	26

PLOG-5286	proteomics_log	2595856	2595948	-	5	35	R.SSLQFIDPKGHTLTQSQNDALVAVFQAAFSK.-	35
PLOG-5287	proteomics_log	2596075	2596104	-	5	5	K.VGMKVTDSTR.S	14
PLOG-5288	proteomics_log	2596126	2596218	-	5	2	R.ASTTMDVQSAADDTGLPMLVVRGPFNVVWQR.L	35
PLOG-5289	proteomics_log	2596219	2596254	-	5	58	K.SATDAANAAQNR.A	16
PLOG-5290	proteomics_log	2596219	2596299	-	5	81	R.YSTEMMNVISAGLDKSATDAANAAQNR.A	31
PLOG-5291	proteomics_log	2596255	2596299	-	5	9	R.YSTEMMNVISAGLDK.S	19
PLOG-5292	proteomics_log	2596300	2596356	-	5	61	K.LLNLEQAGKPVADAASMQR.Y	23
PLOG-5293	proteomics_log	2596507	2596599	-	5	3	R.TQFTGDTASLLVENGRGNTLWPQVSVLQAK.N	35
PLOG-5294	proteomics_log	2596600	2596653	-	5	95	K.ALDIRPPAQLALVSGAR.T	22
PLOG-5295	proteomics_log	2596907	2596933	-	6	77	R.AALKHAGLL.-	13
PLOG-5296	proteomics_log	2596934	2597011	-	6	23	K.ELGLVATDTRLRPMPTITDSGRETVR.A	30
PLOG-5297	proteomics_log	2596946	2597011	-	6	39	K.ELGLVATDTRLRPMPTITDSGR.E	26
PLOG-5298	proteomics_log	2596979	2597011	-	6	4	K.ELGLVATDTRLR.L	15
PLOG-5299	proteomics_log	2597024	2597056	-	6	9	K.LFVEPNPIPVK.W	15
PLOG-5300	proteomics_log	2597093	2597125	-	6	80	K.LAAEGHFAEAR.V	15
PLOG-5301	proteomics_log	2597147	2597275	-	6	9	R.VNQIKELVSDDFVLLSGDDASALDFMQLGGHGVISVTANVAAR.D	47
PLOG-5302	proteomics_log	2597276	2597317	-	6	84	K.NIIGIKEATGNLTR.V	18
PLOG-5303	proteomics_log	2597276	2597323	-	6	80	K.VKNIIGIKEATGNLTR.V	20
PLOG-5304	proteomics_log	2597276	2597332	-	6	3	R.LAKVKNIIGIKEATGNLTR.V	23
PLOG-5305	proteomics_log	2597300	2597323	-	6	3	K.VKNIIGIK.E	12
PLOG-5306	proteomics_log	2597333	2597368	-	6	2	R.TGCDLLPETVGR.L	16
PLOG-5307	proteomics_log	2597333	2597422	-	6	4	K.AIAEHTDLPQILYNVPSRTGCDLLPETVGR.L	34
PLOG-5308	proteomics_log	2597369	2597422	-	6	86	K.AIAEHTDLPQILYNVPSR.T	22
PLOG-5309	proteomics_log	2597720	2597782	-	6	2	P.MFTGSIVAIVTPMDEKGNVCR.A	25
PLOG-5310	proteomics_log	2597735	2597782	-	6	23	P.MFTGSIVAIVTPMDEK.G	20
PLOG-5311	proteomics_log	2605898	2605981	-	6	3	R.LWFKMCSSAAKIPSGPPMPSSTATSPM*F.S	33
PLOG-5312	proteomics_log	2613431	2613460	-	6	2	G.GENFPRLAGR.F	14
PLOG-5313	proteomics_log	2618271	2618381	-	4	136	K.AHPDVELYTASIDQGLNEHYIIPGLGDAGDKIFGTK.-	41
PLOG-5314	proteomics_log	2618382	2618429	-	4	269	K.VLVLVAPEGIAALEK.A	20
PLOG-5315	proteomics_log	2618451	2618522	-	4	2	R.M*ALIVDPM*LATGGSVIATIDLLKK.A	30
PLOG-5316	proteomics_log	2618451	2618522	-	4	2	R.MALIVDPM*LATGGSVIATIDLLKK.A	29
PLOG-5317	proteomics_log	2618451	2618522	-	4	5	R.M*ALIVDPM*LATGGSVIATIDLLKK.A	29
PLOG-5318	proteomics_log	2618451	2618522	-	4	92	R.MALIVDPM*LATGGSVIATIDLLKK.A	28
PLOG-5319	proteomics_log	2618451	2618546	-	4	17	K.LVSNIDERMALIVDPM*LATGGSVIATIDLLKK.A	36
PLOG-5320	proteomics_log	2618454	2618522	-	4	6	R.M*ALIVDPM*LATGGSVIATIDLLK.K	28
PLOG-5321	proteomics_log	2618454	2618522	-	4	6	R.M*ALIVDPM*LATGGSVIATIDLLK.K	29
PLOG-5322	proteomics_log	2618454	2618522	-	4	314	R.MALIVDPM*LATGGSVIATIDLLK.K	27
PLOG-5323	proteomics_log	2618454	2618546	-	4	4	K.LVSNIDERMALIVDPM*LATGGSVIATIDLLK.K	35
PLOG-5324	proteomics_log	2618523	2618546	-	4	174	K.LVSNIDER.M	12
PLOG-5325	proteomics_log	2618523	2618585	-	4	6	R.NEETLEPVYPYFQKLVSNIDER.M	25
PLOG-5326	proteomics_log	2618523	2618609	-	4	4	R.ISVVGM*YRNEETLEPVYPYFQKLVSNIDER.M	34
PLOG-5327	proteomics_log	2618523	2618609	-	4	230	R.ISVVGM*YRNEETLEPVYPYFQKLVSNIDER.M	33
PLOG-5328	proteomics_log	2618547	2618585	-	4	107	R.NEETLEPVYPYFQK.L	17
PLOG-5329	proteomics_log	2618547	2618609	-	4	3	R.ISVVGM*YRNEETLEPVYPYFQK.L	26
PLOG-5330	proteomics_log	2618547	2618609	-	4	102	R.ISVVGM*YRNEETLEPVYPYFQK.L	25
PLOG-5331	proteomics_log	2618586	2618609	-	4	91	R.ISVVGM*YR.N	12

PLOG-5332	proteomics_log	2618610	2618660	-	4	9	R.AGLGM*M*DGVLENVPSAR.I	23
PLOG-5333	proteomics_log	2618610	2618660	-	4	279	R.AGLGMMDGVLENVPSAR.I	21
PLOG-5334	proteomics_log	2618610	2618687	-	4	3	K.KITVVPILRAGLGMMDGVLENVPSAR.I	30
PLOG-5335	proteomics_log	2618661	2618684	-	4	13	K.ITVVPILR.A	12
PLOG-5336	proteomics_log	2618661	2618687	-	4	116	K.KITVVPILR.A	13
PLOG-5337	proteomics_log	2618661	2618693	-	4	2	K.GKKITVVPILR.A	15
PLOG-5338	proteomics_log	2618685	2618780	-	4	39	L.LTYEATADLETEKVTIEGWNGPVEIDQIKGKK.I	36
PLOG-5339	proteomics_log	2618688	2618813	-	4	28	R.FRELASEVGSLLTYEATADLETEKVTIEGWNGPVEIDQIKGK.K	46
PLOG-5340	proteomics_log	2618694	2618807	-	4	2	R.ELASEVGSLLTYEATADLETEKVTIEGWNGPVEIDQIK.G	42
PLOG-5341	proteomics_log	2618694	2618813	-	4	3	R.FRELASEVGSLLTYEATADLETEKVTIEGWNGPVEIDQIK.G	44
PLOG-5342	proteomics_log	2618742	2618813	-	4	5	R.FRELASEVGSLLTYEATADLETEK.V	28
PLOG-5343	proteomics_log	2618814	2618852	-	4	2	K.LGLM*REQDISTKR.F	18
PLOG-5344	proteomics_log	2618814	2618852	-	4	40	K.LGLMREQDISTKR.F	17
PLOG-5345	proteomics_log	2618817	2618837	-	4	3	R.EQDISTK.R	11
PLOG-5346	proteomics_log	2618859	2618888	-	4	10	K.IVEVKHPLVK.H	14
PLOG-5347	proteomics_log	2618859	2618894	-	4	9	S.M*KIVEVKHPLVK.H	17
PLOG-5348	proteomics_log	2618859	2618894	-	4	255	S.MKIVEVKHPLVK.H	16
PLOG-5349	proteomics_log	2618874	2618894	-	4	2	S.MKIVEVK.H	11
PLOG-5350	proteomics_log	2628619	2628654	-	5	6	H.LHNFDRVFCPQR.L	16
PLOG-5351	proteomics_log	2628983	2629030	-	6	41	R.VVYDISGKPPATIEWE.-	20
PLOG-5352	proteomics_log	2629031	2629060	-	6	18	R.IINEVNGISR.V	14
PLOG-5353	proteomics_log	2629031	2629072	-	6	5	R.VSNRIINEVNGISR.V	18
PLOG-5354	proteomics_log	2629073	2629138	-	6	27	R.AVETIDFMTAHWAHLPYDFLGR.V	26
PLOG-5355	proteomics_log	2629139	2629165	-	6	4	R.KYDWWVSLR.A	13
PLOG-5356	proteomics_log	2629193	2629228	-	6	2	K.VSQAFTVFLPVR.S	16
PLOG-5357	proteomics_log	2629193	2629246	-	6	5	K.ADLYDKVSQAFTVFLPVR.S	22
PLOG-5358	proteomics_log	2629193	2629249	-	6	12	R.KADLYDKVSQAFTVFLPVR.S	23
PLOG-5359	proteomics_log	2629193	2629279	-	6	5	R.ADAIFIEELRKADLYDKVSQAFTVFLPVR.S	33
PLOG-5360	proteomics_log	2629193	2629282	-	6	29	R.RADAIFIEELRKADLYDKVSQAFTVFLPVR.S	34
PLOG-5361	proteomics_log	2629250	2629282	-	6	3	R.RADAIFIEELR.K	15
PLOG-5362	proteomics_log	2629325	2629399	-	6	33	K.IGLELGLPYDMLYRHPFPGPGLGVR.V	29
PLOG-5363	proteomics_log	2629325	2629402	-	6	13	R.KIGLELGLPYDMLYRHPFPGPGLGVR.V	30
PLOG-5364	proteomics_log	2629358	2629399	-	6	11	K.IGLELGLPYDMLYR.H	18
PLOG-5365	proteomics_log	2629358	2629402	-	6	2	R.KIGLELGLPYDMLYR.H	19
PLOG-5366	proteomics_log	2629400	2629450	-	6	15	K.MGLVEPLKELFKDEVRK.I	21
PLOG-5367	proteomics_log	2629403	2629450	-	6	2	K.M*GLVEPLKELFKDEVR.K	21
PLOG-5368	proteomics_log	2629403	2629450	-	6	10	K.MGLVEPLKELFKDEVR.K	20
PLOG-5369	proteomics_log	2629505	2629618	-	6	5	R.VFVEVFDEEALKLEDVKWLAQGTIYPDVIESAASATGK.A	42
PLOG-5370	proteomics_log	2629637	2629678	-	6	4	R.FLSALAGENDPEAK.R	18
PLOG-5371	proteomics_log	2629637	2629759	-	6	4	R.LNEAEQVLDMFGDHFGLNIVHVPEDRFLSALAGENDPEAK.R	45
PLOG-5372	proteomics_log	2629679	2629759	-	6	54	R.LNEAEQVLDMFGDHFGLNIVHVPEDR.F	31
PLOG-5373	proteomics_log	2629811	2629897	-	6	19	R.IREQVGDDKIVLGLSGGVDSSTAMLLHR.A	33
PLOG-5374	proteomics_log	2629898	2629921	-	6	2	K.IIDDAVAR.I	12
PLOG-5375	proteomics_log	2629994	2630035	-	6	7	R.FYGVQFHPEVTHTR.Q	18
PLOG-5376	proteomics_log	2630483	2630530	-	6	51	R.ILILDFGSQYTLVAR.R	20
PLOG-5377	proteomics_log	2630498	2630530	-	6	5	R.ILILDFGSQYT.Q	15

PLOG-5378	proteomics_log	2630629	2630709	-	5	136	R.ISGAGIQESHVHDVTITKESPNYRLGS.-	31
PLOG-5379	proteomics_log	2630638	2630709	-	5	184	R.ISGAGIQESHVHDVTITKESPNYR.L	28
PLOG-5380	proteomics_log	2630656	2630709	-	5	97	R.ISGAGIQESHVHDVTITK.E	22
PLOG-5381	proteomics_log	2630710	2630775	-	5	7	R.SCMGLTGCGTIDELRTKAEFVR.I	26
PLOG-5382	proteomics_log	2630731	2630775	-	5	5	R.SCMGLTGCGTIDELR.T	19
PLOG-5383	proteomics_log	2630776	2630814	-	5	30	R.LKEIIHQQM*GGLR.S	18
PLOG-5384	proteomics_log	2630776	2630814	-	5	375	R.LKEIIHQQMGGGLR.S	17
PLOG-5385	proteomics_log	2630776	2630832	-	5	14	R.VAYKGRLLKEIIHQQMGGGLR.S	23
PLOG-5386	proteomics_log	2630833	2630889	-	5	43	R.YFQSDNAADKLVPEGIEGR.V	23
PLOG-5387	proteomics_log	2630833	2630904	-	5	76	K.GSSDRYFQSDNAADKLVPEGIEGR.V	28
PLOG-5388	proteomics_log	2630833	2630934	-	5	4	R.GMGSLGAMSKGSSDRYFQSDNAADKLVPEGIEGR.V	38
PLOG-5389	proteomics_log	2630904	2630966	-	4	9	N.STRAVLNLTVVVWPWARCPK.V	25
PLOG-5390	proteomics_log	2630905	2630934	-	5	16	R.GM*GSLGAM*SK.G	16
PLOG-5391	proteomics_log	2630905	2630934	-	5	162	R.GMGSLGAMSK.G	14
PLOG-5392	proteomics_log	2630905	2630943	-	5	9	K.SYRGMGSLGAMSK.G	17
PLOG-5393	proteomics_log	2630935	2630952	-	5	3	R.SYKSYR.G	10
PLOG-5394	proteomics_log	2630953	2631045	-	5	14	K.AIAAGASAVM*VGSM*LAGTEESPGEIELYQGR.S	37
PLOG-5395	proteomics_log	2630953	2631045	-	5	72	K.AIAAGASAVMVGSM*LAGTEESPGEIELYQGR.S	35
PLOG-5396	proteomics_log	2630953	2631066	-	5	5	R.FSGDIAKAIAGASAVMVGSM*LAGTEESPGEIELYQGR.S	42
PLOG-5397	proteomics_log	2631046	2631066	-	5	4	R.FSGDIAK.A	11
PLOG-5398	proteomics_log	2631046	2631105	-	5	3	E.GTGIPVIADGGIRFSGDIAK.A	24
PLOG-5399	proteomics_log	2631046	2631168	-	5	212	R.IVTGVGVPQITAVADAVEALEGTGIPVIADGGIRFSGDIAK.A	45
PLOG-5400	proteomics_log	2631067	2631168	-	5	199	R.IVTGVGVPQITAVADAVEALEGTGIPVIADGGIR.F	38
PLOG-5401	proteomics_log	2631067	2631219	-	5	15	G.CSAVKVIGIPGSICTTRIVTGVGVPQITAVADAVEALEGTGIPVIADGGIR.F	55
PLOG-5402	proteomics_log	2631073	2631168	-	5	4	R.IVTGVGVPQITAVADAVEALEGTGIPVIADGG.I	36
PLOG-5403	proteomics_log	2631169	2631237	-	5	12	R.ALAEAGCSAVKVGIGPGSICTTR.I	27
PLOG-5404	proteomics_log	2631205	2631237	-	5	7	R.ALAEAGCSAVK.V	15
PLOG-5405	proteomics_log	2631238	2631297	-	5	423	R.AKYPDLQIIGGNVATAAGAR.A	24
PLOG-5406	proteomics_log	2631238	2631312	-	5	2	R.IRETRAKYPDLQIIGGNVATAAGAR.A	29
PLOG-5407	proteomics_log	2631313	2631393	-	5	106	R.VDALVAAGVDVLLIDSSHHGSEGLQR.I	31
PLOG-5408	proteomics_log	2631313	2631435	-	5	200	R.VGAAVGAGAGNEERVDALVAAGVDVLLIDSSHHGSEGLQR.I	45
PLOG-5409	proteomics_log	2631394	2631435	-	5	102	R.VGAAVGAGAGNEER.V	18
PLOG-5410	proteomics_log	2631436	2631474	-	5	3	R.KPNACKDEQGR.LR.V	17
PLOG-5411	proteomics_log	2631475	2631546	-	5	2	K.ALVDDEFHLLIGMITVKDFQKAER.K	28
PLOG-5412	proteomics_log	2631484	2631546	-	5	106	K.ALVDDEFHLLIGMITVKDFQK.A	25
PLOG-5413	proteomics_log	2631559	2631588	-	5	3	R.EVVLAKM*HEK.R	15
PLOG-5414	proteomics_log	2631571	2631588	-	5	5	R.EVVLAK.M	10
PLOG-5415	proteomics_log	2631571	2631603	-	5	12	R.EGEAREVVLAK.M	15
PLOG-5416	proteomics_log	2631571	2631618	-	5	15	R.LVTVREGEAREVVLAK.M	20
PLOG-5417	proteomics_log	2631589	2631618	-	5	11	R.LVTVREGEAR.E	14
PLOG-5418	proteomics_log	2631619	2631672	-	5	6	R.FVTDLNQPVSVYM*TPKER.L	23
PLOG-5419	proteomics_log	2631619	2631672	-	5	210	R.FVTDLNQPVSVYM*TPKER.L	22
PLOG-5420	proteomics_log	2631625	2631672	-	5	8	R.FVTDLNQPVSVYM*TPK.E	21
PLOG-5421	proteomics_log	2631625	2631672	-	5	145	R.FVTDLNQPVSVYM*TPK.E	20
PLOG-5422	proteomics_log	2631634	2631672	-	5	8	R.FVTDLNQPVSVYM*.T	18
PLOG-5423	proteomics_log	2631682	2631747	-	5	369	R.NGFAGYPPVTEENELVGIITGR.D	26

PLOG-5424	proteomics_log	2631748	2631828	-	5	3	K.HESGVVTDQPQTVLPTTTTLREVKELTER.N	31
PLOG-5425	proteomics_log	2631748	2631831	-	5	2	K.KHESGVVTDQPQTVLPTTTTLREVKELTER.N	32
PLOG-5426	proteomics_log	2631748	2631837	-	5	2	R.VKKHESGVVTDQPQTVLPTTTTLREVKELTER.N	34
PLOG-5427	proteomics_log	2631763	2631831	-	5	8	K.KHESGVVTDQPQTVLPTTTTLREVK.E	27
PLOG-5428	proteomics_log	2631763	2631837	-	5	7	R.VKKHESGVVTDQPQTVLPTTTTLREVK.E	29
PLOG-5429	proteomics_log	2631772	2631828	-	5	5	K.HESGVVTDQPQTVLPTTTTLR.E	23
PLOG-5430	proteomics_log	2631772	2631831	-	5	7	K.KHESGVVTDQPQTVLPTTTTLR.E	24
PLOG-5431	proteomics_log	2631772	2631837	-	5	51	R.VKKHESGVVTDQPQTVLPTTTTLR.E	26
PLOG-5432	proteomics_log	2631838	2631876	-	5	9	K.NMSIERQAEEVRR.V	17
PLOG-5433	proteomics_log	2631859	2631924	-	5	93	R.LAIALAQEGGIGFIHKNMSIER.Q	26
PLOG-5434	proteomics_log	2631877	2631924	-	5	168	R.LAIALAQEGGIGFIHK.N	20
PLOG-5435	proteomics_log	2631925	2631975	-	5	2	R.LNIPM*LSAAM*DTVTEAR.L	23
PLOG-5436	proteomics_log	2631925	2631975	-	5	3	R.LNIPMLSAAM*DTVTEAR.L	22
PLOG-5437	proteomics_log	2631925	2631975	-	5	454	R.LNIPMLSAAMDTVTEAR.L	21
PLOG-5438	proteomics_log	2631925	2631984	-	5	2	K.TIRLNIPM*LSAAMDTVTEAR.L	25
PLOG-5439	proteomics_log	2631925	2631984	-	5	2	K.TIRLNIPM*LSAAM*DTVTEAR.L	26
PLOG-5440	proteomics_log	2631925	2631984	-	5	5	K.TIRLNIPMLSAAM*DTVTEAR.L	25
PLOG-5441	proteomics_log	2631925	2631984	-	5	307	K.TIRLNIPMLSAAMDTVTEAR.L	24
PLOG-5442	proteomics_log	2631925	2632044	-	5	3	L.VPAHSTVLPNTADLSTQLTKTIRLNIPMLSAAMDTVTEAR.L	44
PLOG-5443	proteomics_log	2631985	2632074	-	5	224	K.EALTFFDDVLLVPAHSTVLPNTADLSTQLTK.T	34
PLOG-5444	proteomics_log	2631985	2632083	-	5	296	R.IAKEALTFFDDVLLVPAHSTVLPNTADLSTQLTK.T	37
PLOG-5445	proteomics_log	2631985	2632092	-	5	6	P.MLRIAKEALTFFDDVLLVPAHSTVLPNTADLSTQLTK.T	40
PLOG-5446	proteomics_log	2632018	2632083	-	5	23	R.IAKEALTFFDDVLLVPAHSTVLP.N	26
PLOG-5447	proteomics_log	2632770	2632823	-	4	2	Q.FNGANNLPRRVIALNGGR.V	22
PLOG-5448	proteomics_log	2633975	2634016	-	6	5	R.IQFKEGENPYANKR.N	18
PLOG-5449	proteomics_log	2634017	2634046	-	6	2	K.SLDVMGSPIR.I	14
PLOG-5450	proteomics_log	2634071	2634154	-	6	2	K.YAHAGGYNPPIVVIHGNQVKDLPSYKR.Y	32
PLOG-5451	proteomics_log	2634095	2634154	-	6	3	K.YAHAGGYNPPIVVIHGNQVK.D	24
PLOG-5452	proteomics_log	2634095	2634160	-	6	5	K.LKYAHAGGYNPPIVVIHGNQVK.D	26
PLOG-5453	proteomics_log	2634176	2634220	-	6	2	R.IM*TMAVEDHQPLVR.G	20
PLOG-5454	proteomics_log	2634176	2634220	-	6	29	R.IMTMAVEDHQPLVR.G	19
PLOG-5455	proteomics_log	2634221	2634247	-	6	25	R.RVGTSMLTR.I	13
PLOG-5456	proteomics_log	2634272	2634331	-	6	4	R.VHFISALHGSGVGNLFESVR.E	24
PLOG-5457	proteomics_log	2634332	2634355	-	6	2	R.LGFIDFAR.V	12
PLOG-5458	proteomics_log	2634356	2634436	-	6	15	R.SLVIVVNKWDGLSQEVKEQVKETLDFR.L	31
PLOG-5459	proteomics_log	2634437	2634493	-	6	32	R.EGISDQDLSLLGFILNSGR.S	23
PLOG-5460	proteomics_log	2634494	2634547	-	6	6	K.TLQAIEDANVVMMLVIDAR.E	22
PLOG-5461	proteomics_log	2634596	2634637	-	6	3	R.DGREYVLIDTAGVR.K	18
PLOG-5462	proteomics_log	2634665	2634697	-	6	3	R.VVYDM*PGTTR.D	16
PLOG-5463	proteomics_log	2634665	2634697	-	6	15	R.VVYDMPGTTR.D	15
PLOG-5464	proteomics_log	2634734	2634766	-	6	4	K.LAIVGRPNVGK.S	15
PLOG-5465	proteomics_log	2634932	2635021	-	6	5	K.TDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	34
PLOG-5466	proteomics_log	2634932	2635051	-	6	16	R.EKPTFLVANKTDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	44
PLOG-5467	proteomics_log	2634932	2635057	-	6	3	R.SREKPTFLVANKTDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	46
PLOG-5468	proteomics_log	2635067	2635102	-	6	21	R.AGLMPADEAIAK.H	16
PLOG-5469	proteomics_log	2635103	2635168	-	6	12	R.MAEQSLLAIEEADVLFMVDAR.A	26

PLOG-5470	proteomics_log	2635265	2635300	-	6	6	R.DALVADFPGLTR.D	16
PLOG-5471	proteomics_log	2635265	2635306	-	6	15	R.TRDALVADFPGLTR.D	18
PLOG-5472	proteomics_log	2635334	2635372	-	6	5	V.PVVALVGRPNVGK.S	17
PLOG-5473	proteomics_log	2635334	2635378	-	6	25	N.MVPVVALVGRPNVGK.S	19
PLOG-5474	proteomics_log	2635499	2635525	-	6	3	K.DGTVYSITR.-	13
PLOG-5475	proteomics_log	2635544	2635591	-	6	18	K.VDSSGFQTEPVAADGK.L	20
PLOG-5476	proteomics_log	2635610	2635699	-	6	4	R.LLTSPVLYNGNLVVDSEGYLHWINVEDGR.F	34
PLOG-5477	proteomics_log	2635790	2635831	-	6	3	R.ELGSVNDFIVDGNR.I	18
PLOG-5478	proteomics_log	2635946	2635981	-	6	4	R.ISQATGSTEIDR.L	16
PLOG-5479	proteomics_log	2636429	2636524	-	6	6	T.SVGSIGIGNFYSNLHPALADNVVYAADRAGLVK.A	36
PLOG-5480	proteomics_log	2636706	2636747	-	4	3	K.SDVTALSEM*M*QM*K.I	21
PLOG-5481	proteomics_log	2636706	2636747	-	4	8	K.SDVTALSEMMQMK.I	18
PLOG-5482	proteomics_log	2636706	2636771	-	4	14	R.SAWEAGVKSDVTALSEMMQMK.I	26
PLOG-5483	proteomics_log	2636772	2636813	-	4	2	R.GEALLSKGDKQGAR.S	18
PLOG-5484	proteomics_log	2636916	2636987	-	4	15	K.AAAQLQQGLADTSDENLKAVINLR.L	28
PLOG-5485	proteomics_log	2636988	2637074	-	4	4	K.FAAENKNTYGALASLELAQQFVDKNELEK.A	33
PLOG-5486	proteomics_log	2637075	2637152	-	4	3	R.SASLAYQNAVTAVSEGKPDSSIPAAEK.F	30
PLOG-5487	proteomics_log	2637338	2637388	-	6	36	R.SGEQTAVAQDSVAHLR.T	21
PLOG-5488	proteomics_log	2637389	2637451	-	6	13	R.VAVVLGESEVANGTAVVKDLR.S	25
PLOG-5489	proteomics_log	2637473	2637520	-	6	4	K.LMTNHGGGNFKKQFAR.A	20
PLOG-5490	proteomics_log	2637485	2637520	-	6	3	K.LMTNHGGGNFKK.Q	16
PLOG-5491	proteomics_log	2637485	2637520	-	6	3	K.LM*TNHGGGNFKK.Q	17
PLOG-5492	proteomics_log	2637626	2637664	-	6	3	R.LVLLVQAVNPEFK.A	17
PLOG-5493	proteomics_log	2637665	2637703	-	6	12	R.ATPAVGFAMGLER.L	17
PLOG-5494	proteomics_log	2638286	2638327	-	6	9	R.AGIEHGLLYNQEQR.L	18
PLOG-5495	proteomics_log	2638379	2638435	-	6	5	R.AIGEVTDVVEKEMYTFEDR.N	23
PLOG-5496	proteomics_log	2638403	2638435	-	6	3	R.AIGEVTDVVEK.E	15
PLOG-5497	proteomics_log	2638436	2638507	-	6	22	K.NVLGSYGYSEIRLPIVEQTPLFKR.A	28
PLOG-5498	proteomics_log	2638436	2638525	-	6	36	R.IEGTLKKNVLGSYGYSEIRLPIVEQTPLFKR.A	34
PLOG-5499	proteomics_log	2638526	2638570	-	6	6	R.GMNDYLPGETAIWQR.I	19
PLOG-5500	proteomics_log	2638526	2638594	-	6	4	V.AKNIQAIRGMNDYLPGETAIWQR.I	27
PLOG-5501	proteomics_log	2638571	2638594	-	6	13	V.AKNIQAIR.G	12
PLOG-5502	proteomics_log	2638711	2638737	-	5	3	R.RIDVQQVEK.-	13
PLOG-5503	proteomics_log	2638735	2638767	-	5	2	R.AKASQLDEARR.I	15
PLOG-5504	proteomics_log	2638738	2638767	-	5	16	R.AKASQLDEAR.R	14
PLOG-5505	proteomics_log	2638957	2639001	-	5	5	R.QEFDVIGTVNALEQR.L	19
PLOG-5506	proteomics_log	2639050	2639115	-	5	2	R.VSLAADPVVEIKVGFIDILKSLR.I	26
PLOG-5507	proteomics_log	2639059	2639115	-	5	39	R.VSLAADPVVEIKVGFIDILK.S	23
PLOG-5508	proteomics_log	2639059	2639169	-	5	7	K.SAIGLGLLLSEGIGDTLRVS LAADPVVEIKVGFIDILK.S	41
PLOG-5509	proteomics_log	2639059	2639184	-	5	2	R.SGAVKSAIGLGLLLSEGIGDTLRVS LAADPVVEIKVGFIDILK.S	46
PLOG-5510	proteomics_log	2639116	2639169	-	5	96	K.SAIGLGLLLSEGIGDTLR.V	22
PLOG-5511	proteomics_log	2639116	2639184	-	5	2	R.SGAVKSAIGLGLLLSEGIGDTLR.V	27
PLOG-5512	proteomics_log	2639185	2639235	-	5	8	K.QIDQPLHLGITEAGGAR.S	21
PLOG-5513	proteomics_log	2639248	2639283	-	5	5	K.ASDVFLAVESYR.L	16
PLOG-5514	proteomics_log	2639296	2639337	-	5	4	R.HVDHLDRLNFDQFK.V	18
PLOG-5515	proteomics_log	2639338	2639382	-	5	2	K.YGEPTPQALLESAMR.H	19

PLOG-5516	proteomics_log	2639338	2639427	-	5	3	R.IGVNAGSLEKDLQEKYGEPTPQALLESAMR.H	34
PLOG-5517	proteomics_log	2639476	2639508	-	5	4	R.INPGNIGNEER.I	15
PLOG-5518	proteomics_log	2639599	2639646	-	5	4	R.VSVPTMDAAEAFKLIK.Q	20
PLOG-5519	proteomics_log	2639599	2639667	-	5	3	R.VGADIVRVSVPTMDAAEAFKLIK.Q	27
PLOG-5520	proteomics_log	2639668	2639715	-	5	2	R.TTDVEATVNQIKALER.V	20
PLOG-5521	proteomics_log	2639680	2639715	-	5	9	R.TTDVEATVNQIK.A	16
PLOG-5522	proteomics_log	2639716	2639784	-	5	2	R.IYVGNVPIGDGAPIAVQSM*TNTR.T	28
PLOG-5523	proteomics_log	2639716	2639784	-	5	55	R.IYVGNVPIGDGAPIAVQSM*TNTR.T	27
PLOG-5524	proteomics_log	2639800	2639826	-	5	15	F.M*HNQAPIQR.R	14
PLOG-5525	proteomics_log	2639800	2639826	-	5	16	F.MHNQAPIQR.R	13
PLOG-5526	proteomics_log	2639856	2639888	-	4	29	R.LTLNAEQSPAQ.-	15
PLOG-5527	proteomics_log	2639889	2639915	-	4	3	R.FIRTNQVAR.L	13
PLOG-5528	proteomics_log	2639916	2639975	-	4	5	K.IGAAPAVQIQYQGKPVDLR.F	24
PLOG-5529	proteomics_log	2640612	2640656	-	4	22	R.LVHIPEEELLPGLEK.Q	19
PLOG-5530	proteomics_log	2640681	2640731	-	4	3	R.DIEEDKAPADLASTFLR.G	21
PLOG-5531	proteomics_log	2640681	2640746	-	4	10	K.VSTVRDIEEDKAPADLASTFLR.G	26
PLOG-5532	proteomics_log	2640759	2640797	-	4	23	R.EQLGLSQQAVAER.L	17
PLOG-5533	proteomics_log	2640759	2640806	-	4	3	R.NAREQLGLSQQAVAER.L	20
PLOG-5534	proteomics_log	2640759	2640812	-	4	5	R.LRNAREQLGLSQQAVAER.L	22
PLOG-5535	proteomics_log	2640813	2640863	-	4	4	M.NTEATHDQNEALTTGAR.L	21
PLOG-5536	proteomics_log	2640813	2640866	-	4	6	R.M*NTEATHDQNEALTTGAR.L	23
PLOG-5537	proteomics_log	2640813	2640866	-	4	19	R.MNTEATHDQNEALTTGAR.L	22
PLOG-5538	proteomics_log	2641691	2641816	-	6	18	K.VTGQRPIITNVVMMGMGEPLLNLNNVVPAMEIMLDDFGFLSK.R	46
PLOG-5539	proteomics_log	2641883	2641942	-	6	41	S.QVGCALCKFCSTAAQQGFNR.N	24
PLOG-5540	proteomics_log	2642045	2642101	-	6	2	R.GKLKEVAEIRAPEVVEEQR.S	23
PLOG-5541	proteomics_log	2642506	2642574	-	5	239	R.ADYADSLTENGTHGSDSVESAAR.E	27
PLOG-5542	proteomics_log	2642506	2642601	-	5	2	P.ANALAGTLRADYADSLTENGTHGSDSVESAAR.E	36
PLOG-5543	proteomics_log	2642506	2642625	-	5	32	R.DLLGATNPANALAGTLRADYADSLTENGTHGSDSVESAAR.E	44
PLOG-5544	proteomics_log	2642506	2642631	-	5	7	R.HRDLLGATNPANALAGTLRADYADSLTENGTHGSDSVESAAR.E	46
PLOG-5545	proteomics_log	2642575	2642625	-	5	171	R.DLLGATNPANALAGTLR.A	21
PLOG-5546	proteomics_log	2642575	2642631	-	5	123	R.HRDLLGATNPANALAGTLR.A	23
PLOG-5547	proteomics_log	2642626	2642742	-	5	24	R.GFYAEHDGKPPFDGLVEFMTSGPIVSVLEGENAVQR.HR.D	43
PLOG-5548	proteomics_log	2642632	2642679	-	5	7	S.GPIVSVLEGENAVQR.H	20
PLOG-5549	proteomics_log	2642632	2642742	-	5	37	R.GFYAEHDGKPPFDGLVEFM*TSGPVIVSVLEGENAVQR.H	42
PLOG-5550	proteomics_log	2642632	2642742	-	5	477	R.GFYAEHDGKPPFDGLVEFMTSGPIVSVLEGENAVQR.H	41
PLOG-5551	proteomics_log	2642743	2642772	-	5	7	K.M*LHLTVEQAR.G	15
PLOG-5552	proteomics_log	2642743	2642772	-	5	464	K.MLHLTVEQAR.G	14
PLOG-5553	proteomics_log	2642743	2642808	-	5	25	R.FEAAGFKIVGTMKMLHLTVEQAR.G	26
PLOG-5554	proteomics_log	2642743	2642835	-	5	2	K.NVIGNIFARFEAAGFKIVGTMKMLHLTVEQAR.G	35
PLOG-5555	proteomics_log	2642752	2642772	-	5	3	K.MLHLTVE.Q	11
PLOG-5556	proteomics_log	2642773	2642808	-	5	200	R.FEAAGFKIVGTK.M	16
PLOG-5557	proteomics_log	2642773	2642835	-	5	4	K.NVIGNIFARFEAAGFKIVGTK.M	25
PLOG-5558	proteomics_log	2642773	2642871	-	5	3	R.TFSIIPNAVAKNVIGNIFARFEAAGFKIVGTK.M	37
PLOG-5559	proteomics_log	2642788	2642808	-	5	87	R.FEAAGFK.I	11
PLOG-5560	proteomics_log	2642809	2642835	-	5	120	K.NVIGNIFAR.F	13
PLOG-5561	proteomics_log	2642809	2642859	-	5	4	I.IKPNAVAKNVIGNIFAR.F	21

PLOG-5562	proteomics_log	2642809	2642871	-	5	191	R.TFSIIKPNNAVAKNVIGNIFAR.F	25
PLOG-5563	proteomics_log	2642809	2642883	-	5	72	M.AIERTFSIIKPNNAVAKNVIGNIFAR.F	29
PLOG-5564	proteomics_log	2642836	2642871	-	5	174	R.TFSIIKPNNAVAK.N	16
PLOG-5565	proteomics_log	2643412	2643480	-	5	4	R.KALM*AFVSPSGWMKMANVLPPIA.R	28
PLOG-5566	proteomics_log	2646047	2646148	-	6	3	R.DNALMLSLLEENKLLPDEQYTLNLTLSQQAFGER.W	38
PLOG-5567	proteomics_log	2646950	2647045	-	6	2	R.ALPGYGDGEIQATISGLALPGETVADQHKQWK.I	36
PLOG-5568	proteomics_log	2647223	2647267	-	6	3	K.VIVAAPVIAELNMPR.F	19
PLOG-5569	proteomics_log	2648807	2648872	-	6	3	V.EDFMPERMALNLTGEKTLPTPK.D	26
PLOG-5570	proteomics_log	2649707	2649790	-	6	4	R.GSLLPGKVVEGLPVMALNVNNVDVNFRR.V	32
PLOG-5571	proteomics_log	2652224	2652274	-	6	3	K.GISHFITEHIAPFYERR.W	21
PLOG-5572	proteomics_log	2652875	2652952	-	6	10	M.SETKNELEDLLEKAATEPAHRPAFFR.T	30
PLOG-5573	proteomics_log	2652914	2652952	-	6	4	M.SETKNELEDLLEK.A	17
PLOG-5574	proteomics_log	2653124	2653174	-	6	19	R.KAPVEQWSAGATGLGVR.T	21
PLOG-5575	proteomics_log	2653325	2653348	-	6	10	R.LPLAEFHR.S	12
PLOG-5576	proteomics_log	2653325	2653390	-	6	84	R.LLASAAQENEPFWRLPLAEFHR.S	26
PLOG-5577	proteomics_log	2653349	2653390	-	6	12	R.LLASAAQENEPFWR.L	18
PLOG-5578	proteomics_log	2653391	2653450	-	6	67	K.TALGNDYHALFSFDDALAGR.L	24
PLOG-5579	proteomics_log	2653451	2653537	-	6	2	R.LVLADGLIDASAQKPEM*IIDAATLTGAAK.T	34
PLOG-5580	proteomics_log	2653451	2653537	-	6	75	R.LVLADGLIDASAQKPEMIIDAATLTGAAK.T	33
PLOG-5581	proteomics_log	2653538	2653570	-	6	2	K.VEVM*NTDAEGR.L	16
PLOG-5582	proteomics_log	2653538	2653573	-	6	2	K.KVEVM*NTDAEGR.L	17
PLOG-5583	proteomics_log	2653538	2653573	-	6	4	K.KVEVMNTDAEGR.L	16
PLOG-5584	proteomics_log	2653793	2653873	-	6	18	R.SPVLALDYNPTGDKEAPVYACLVGKG.I	31
PLOG-5585	proteomics_log	2653793	2653885	-	6	3	R.GSERSPVLALDYNPTGDKEAPVYACLVGKG.I	35
PLOG-5586	proteomics_log	2653886	2653945	-	6	4	R.ITKGEDLREQGYMGLHTVGR.G	24
PLOG-5587	proteomics_log	2653946	2653993	-	6	12	R.AVDLISNVAGDRVTYR.I	20
PLOG-5588	proteomics_log	2653958	2653993	-	6	6	R.AVDLISNVAGDR.V	16
PLOG-5589	proteomics_log	2653994	2654047	-	6	13	R.DTINAPAEELGPSQLAQR.A	22
PLOG-5590	proteomics_log	2653994	2654071	-	6	60	R.LMIIDWVRDTINAPAEELGPSQLAQR.A	30
PLOG-5591	proteomics_log	2654048	2654071	-	6	15	R.LMIIDWVR.D	12
PLOG-5592	proteomics_log	2654210	2654233	-	6	2	R.KIDGLGIK.H	12
PLOG-5593	proteomics_log	2654243	2654317	-	6	12	K.ATYSINNDGITLHLNGADDLGLIQR.A	29
PLOG-5594	proteomics_log	2654330	2654362	-	6	37	K.ITLSTQPADAR.W	15
PLOG-5595	proteomics_log	2654330	2654377	-	6	2	M.TEAM*KITLSTQPADAR.W	21
PLOG-5596	proteomics_log	2654330	2654377	-	6	5	M.TEAMKITLSTQPADAR.W	20
PLOG-5597	proteomics_log	2654773	2654799	-	5	3	R.YTINHAREH.-	13
PLOG-5598	proteomics_log	2654773	2654835	-	5	4	R.VTDEDLVVEIPRYTINHAREH.-	25
PLOG-5599	proteomics_log	2654800	2654835	-	5	101	R.VTDEDLVVEIPR.Y	16
PLOG-5600	proteomics_log	2654881	2654937	-	5	3	R.EGFDSLPESESEQEDDM*LDK.A	24
PLOG-5601	proteomics_log	2655110	2655139	-	6	8	R.ALKGHSVDEV.-	14
PLOG-5602	proteomics_log	2655110	2655142	-	6	3	R.RALKGHSVDEV.-	15
PLOG-5603	proteomics_log	2655164	2655280	-	6	4	R.QVIDDAAAHLSEVAQGDDVDIAIEQAIKNVDKQTQDFAAR.R	43
PLOG-5604	proteomics_log	2655281	2655343	-	6	37	R.VLESLHGALAADAALLSAAER.Q	25
PLOG-5605	proteomics_log	2655344	2655376	-	6	45	R.MLAEQKVEAAR.V	15
PLOG-5606	proteomics_log	2655548	2655586	-	6	4	R.GIPALPAGGAHIR.V	17
PLOG-5607	proteomics_log	2655632	2655700	-	6	2	R.AQDFTTFKDGQTAMSIHVMQGER.E	27

PLOG-5608	proteomics_log	2656415	2656438	-	6	6	R.LAGLHVLR.L	12
PLOG-5609	proteomics_log	2656463	2656537	-	6	2	R.ATEALAGELDGVVITVPAYFDDAQR.Q	29
PLOG-5610	proteomics_log	2656574	2656660	-	6	3	R.YPHLPYQFQASENGLPMIETAAGLLNPVR.V	33
PLOG-5611	proteomics_log	2656697	2656744	-	6	5	R.TNAALDTANTISSVKR.L	20
PLOG-5612	proteomics_log	2656700	2656744	-	6	29	R.TNAALDTANTISSVK.R	19
PLOG-5613	proteomics_log	2656808	2656846	-	6	9	R.SGQAETLADHEGR.H	17
PLOG-5614	proteomics_log	2656904	2656954	-	6	25	M.ALLQISEPGLSAAPHQR.R	21
PLOG-5615	proteomics_log	2657454	2657489	-	4	4	V.MDYFTLFGLPAR.Y	16
PLOG-5616	proteomics_log	2657642	2657707	-	6	2	K.SLQFLDGTQLDFVKEGLNEGFK.F	26
PLOG-5617	proteomics_log	2657849	2657872	-	6	2	R.VNTFLANR.G	12
PLOG-5618	proteomics_log	2657873	2657905	-	6	36	M.SITLSDSAAAR.V	15
PLOG-5619	proteomics_log	2657937	2657966	-	4	12	K.AAIADYKSKR.E	14
PLOG-5620	proteomics_log	2657940	2657966	-	4	4	K.AAIADYKSK.R	13
PLOG-5621	proteomics_log	2657946	2657966	-	4	3	K.AAIADYK.S	11
PLOG-5622	proteomics_log	2658141	2658173	-	4	72	K.VNDEGIIEDAR.F	15
PLOG-5623	proteomics_log	2658141	2658185	-	4	34	K.LQIKVNDEGIIEDAR.F	19
PLOG-5624	proteomics_log	2658267	2658293	-	4	114	K.VIDHYENPR.N	13
PLOG-5625	proteomics_log	2658267	2658308	-	4	12	M.AYSEKVIDHYENPR.N	18
PLOG-5626	proteomics_log	2658342	2658380	-	4	25	K.QGVDLNSIEWAHH.-	17
PLOG-5627	proteomics_log	2658342	2658410	-	4	67	R.DLSPLWEMYKQGVDLNSIEWAHH.-	27
PLOG-5628	proteomics_log	2658342	2658416	-	4	141	R.LRDLSPLWEMYKQGVDLNSIEWAHH.-	29
PLOG-5629	proteomics_log	2658381	2658410	-	4	2	R.DLSPLWEMYK.Q	14
PLOG-5630	proteomics_log	2658381	2658416	-	4	43	R.LRDLSPLWEMYK.Q	16
PLOG-5631	proteomics_log	2658429	2658476	-	4	6	R.FTTEEEIDYTIELVRK.S	20
PLOG-5632	proteomics_log	2658429	2658491	-	4	9	R.FSLGRFTTEEEIDYTIELVRK.S	25
PLOG-5633	proteomics_log	2658432	2658476	-	4	7	R.FTTEEEIDYTIELVR.K	19
PLOG-5634	proteomics_log	2658492	2658533	-	4	39	R.ALGLNDELAHSSIR.F	18
PLOG-5635	proteomics_log	2658747	2658782	-	4	3	R.IAKEEM*ATEMER.L	17
PLOG-5636	proteomics_log	2658747	2658782	-	4	6	R.IAKEEMATEM*ER.L	17
PLOG-5637	proteomics_log	2658747	2658782	-	4	3	R.IAKEEM*ATEM*ER.L	18
PLOG-5638	proteomics_log	2658747	2658782	-	4	163	R.IAKEEMATEMER.L	16
PLOG-5639	proteomics_log	2658783	2658833	-	4	4	R.SGTLPVHQIVGM*GEAYR.I	22
PLOG-5640	proteomics_log	2658783	2658833	-	4	234	R.SGTLPVHQIVGMGEAYR.I	21
PLOG-5641	proteomics_log	2658843	2658878	-	4	19	R.IEAQM*HGGGHER.G	17
PLOG-5642	proteomics_log	2658843	2658878	-	4	74	R.IEAQMHGGGHER.G	16
PLOG-5643	proteomics_log	2658843	2658884	-	4	5	R.VRIEAQMHGGGHER.G	18
PLOG-5644	proteomics_log	2658897	2658920	-	4	99	K.GIGALYVR.R	12
PLOG-5645	proteomics_log	2658921	2658965	-	4	19	K.VDLMSFSGHKIYGPK.G	19
PLOG-5646	proteomics_log	2658936	2658965	-	4	11	K.VDLMSFSGHK.I	14
PLOG-5647	proteomics_log	2658966	2659034	-	4	200	R.GIIYHVDATQSVGKLPIDLSQLK.V	27
PLOG-5648	proteomics_log	2658966	2659040	-	4	108	R.ARGIIYHVDATQSVGKLPIDLSQLK.V	29
PLOG-5649	proteomics_log	2659170	2659205	-	4	40	R.EGFEVTYLAPQR.N	16
PLOG-5650	proteomics_log	2659170	2659217	-	4	5	R.QLEREGFEVTYLAPQR.N	20
PLOG-5651	proteomics_log	2659239	2659268	-	4	8	K.HIITSKTEHK.A	14
PLOG-5652	proteomics_log	2659251	2659277	-	4	9	K.KGKHIITSK.T	13
PLOG-5653	proteomics_log	2659278	2659301	-	4	4	K.GAANFYQK.K	12

PLOG-5654	proteomics_log	2659278	2659352	-	4	5	R.EIVFTSGATESDNLAIKGAANFYQK.K	29
PLOG-5655	proteomics_log	2659353	2659388	-	4	154	R.NQIADLVGADPR.E	16
PLOG-5656	proteomics_log	2659389	2659427	-	4	40	R.FGWQAEEAVDIAR.N	17
PLOG-5657	proteomics_log	2659389	2659436	-	4	97	R.SHRFGWQAEEAVDIAR.N	20
PLOG-5658	proteomics_log	2659437	2659487	-	4	144	K.MMQFMTMDGTFGNPASR.S	21
PLOG-5659	proteomics_log	2659488	2659553	-	4	4	A.MKLPYLDYSATTPVDPRVAEK.M	26
PLOG-5660	proteomics_log	2659500	2659553	-	4	3	A.M*KLPYLDYSATTPVDPR.V	23
PLOG-5661	proteomics_log	2659500	2659553	-	4	359	A.MKLPYLDYSATTPVDPR.V	22
PLOG-5662	proteomics_log	2659668	2659700	-	4	7	R.TQDAIDVKLRA.-	15
PLOG-5663	proteomics_log	2659677	2659700	-	4	2	R.TQDAIDVK.L	12
PLOG-5664	proteomics_log	2659707	2659763	-	4	4	V.NNQEVLDVSGRQHTHDAPR.T	23
PLOG-5665	proteomics_log	2659731	2659763	-	4	19	V.NNQEVLDVSGR.Q	15
PLOG-5666	proteomics_log	2659731	2659820	-	4	13	R.DLSDRLTGFLNNITLGELVNNQEVLVDVSGR.Q	34
PLOG-5667	proteomics_log	2659737	2659820	-	4	2	R.DLSDRLTGFLNNITLGELVNNQEVLVDVS.G	32
PLOG-5668	proteomics_log	2659764	2659820	-	4	14	R.DLSDRLTGFLNNITLGELV.N	23
PLOG-5669	proteomics_log	2659881	2659907	-	4	4	A.VDESVDATR.C	13
PLOG-5670	proteomics_log	2659881	2659910	-	4	2	S.AVDESVDATR.C	14
PLOG-5671	proteomics_log	2659881	2659913	-	4	3	I.SAVDESVDATR.C	15
PLOG-5672	proteomics_log	2659881	2659916	-	4	2	V.ISAVDESVDATR.C	16
PLOG-5673	proteomics_log	2659881	2659934	-	4	4	S.IAVGEVISAVDESVDATR.C	22
PLOG-5674	proteomics_log	2659881	2659946	-	4	52	K.DASSIAVGEVISAVDESVDATR.C	26
PLOG-5675	proteomics_log	2659881	2659958	-	4	2	Y.LLGKDASSIAVGEVISAVDESVDATR.C	30
PLOG-5676	proteomics_log	2659881	2659976	-	4	23	R.GPGGGYLLGKDASSIAVGEVISAVDESVDATR.C	36
PLOG-5677	proteomics_log	2659947	2659976	-	4	2	R.GPGGGYLLGK.D	14
PLOG-5678	proteomics_log	2660010	2660051	-	4	183	R.QGISLSYLEQLFSR.L	18
PLOG-5679	proteomics_log	2660608	2660655	-	5	2	R.GILASIEQQNKGNKAE.-	20
PLOG-5680	proteomics_log	2660656	2660691	-	5	22	R.ARPESQELNILR.G	16
PLOG-5681	proteomics_log	2661001	2661048	-	5	7	K.SVAEAANTPVVLFVGR.E	20
PLOG-5682	proteomics_log	2661277	2661327	-	5	17	R.IVLVETSHTGNMGSVAR.A	21
PLOG-5683	proteomics_log	2675760	2675864	-	4	10	L.DEPTSSLASAEVELVISAVKKM*SALGVAVIYVSHR.M	40
PLOG-5684	proteomics_log	2680240	2680293	-	5	2	V.MTGFTLRPDRAALEIASR.V	22
PLOG-5685	proteomics_log	2682279	2682314	-	4	11	K.VLDICARYPVYA.-	16
PLOG-5686	proteomics_log	2682279	2682320	-	4	2	K.GKVLIDICARYPVYA.-	18
PLOG-5687	proteomics_log	2682279	2682326	-	4	7	R.IKGKVLIDICARYPVYA.-	20
PLOG-5688	proteomics_log	2682294	2682320	-	4	3	K.GKVLIDICAR.Y	13
PLOG-5689	proteomics_log	2682294	2682326	-	4	5	R.IKGKVLIDICAR.Y	15
PLOG-5690	proteomics_log	2682315	2682416	-	4	2	R.RGFKEAEAKELAGWMCDVLD SINDEAVIERIKGK.V	38
PLOG-5691	proteomics_log	2682327	2682368	-	4	2	C.DVLD SINDEAVIER.I	18
PLOG-5692	proteomics_log	2682327	2682380	-	4	7	A.GWMCDVLD SINDEAVIER.I	22
PLOG-5693	proteomics_log	2682327	2682389	-	4	11	K.ELAGWMCDVLD SINDEAVIER.I	25
PLOG-5694	proteomics_log	2682327	2682404	-	4	2	K.EAEAKELAGWMCDVLD SINDEAVIER.I	30
PLOG-5695	proteomics_log	2682327	2682413	-	4	4	R.GFKEAEAKELAGWMCDVLD SINDEAVIER.I	33
PLOG-5696	proteomics_log	2682327	2682416	-	4	15	R.RGFKEAEAKELAGWMCDVLD SINDEAVIER.I	34
PLOG-5697	proteomics_log	2682327	2682422	-	4	7	I.TRRGFKEAEAKELAGWMCDVLD SINDEAVIER.I	36
PLOG-5698	proteomics_log	2682390	2682416	-	4	7	R.RGFKEAEAK.E	13
PLOG-5699	proteomics_log	2682417	2682440	-	4	3	R.VGTPA ITR.R	12

PLOG-5700	proteomics_log	2682417	2682467	-	4	12	K.SPFVTSGIRVGTPAIR.R	21
PLOG-5701	proteomics_log	2682417	2682512	-	4	12	R.ANITVNKNSVPNDPKSPFVTSGIRVGTPAIR.R	36
PLOG-5702	proteomics_log	2682441	2682467	-	4	154	K.SPFVTSGIR.V	13
PLOG-5703	proteomics_log	2682441	2682491	-	4	49	K.NSVPNDPKSPFVTSGIR.V	21
PLOG-5704	proteomics_log	2682441	2682512	-	4	296	R.ANITVNKNSVPNDPKSPFVTSGIR.V	28
PLOG-5705	proteomics_log	2682468	2682512	-	4	70	R.ANITVNKNSVPNDPK.S	19
PLOG-5706	proteomics_log	2682513	2682536	-	4	13	K.EADAALGR.A	12
PLOG-5707	proteomics_log	2682513	2682551	-	4	36	K.NLTGKEADAALGR.A	17
PLOG-5708	proteomics_log	2682513	2682605	-	4	207	K.VVSGGTDNHLFLVDLVDKDLTGTGKEADAALGR.A	35
PLOG-5709	proteomics_log	2682513	2682614	-	4	385	R.GYKVVSGGTDNHLFLVDLVDKDLTGTGKEADAALGR.A	38
PLOG-5710	proteomics_log	2682537	2682605	-	4	39	K.VVSGGTDNHLFLVDLVDKDLTGTGK.E	27
PLOG-5711	proteomics_log	2682537	2682614	-	4	101	R.GYKVVSGGTDNHLFLVDLVDKDLTGTGK.E	30
PLOG-5712	proteomics_log	2682552	2682605	-	4	16	K.VVSGGTDNHLFLVDLVDK.N	22
PLOG-5713	proteomics_log	2682552	2682614	-	4	43	R.GYKVVSGGTDNHLFLVDLVDK.N	25
PLOG-5714	proteomics_log	2682615	2682641	-	4	92	K.AM*VEVFLER.G	14
PLOG-5715	proteomics_log	2682615	2682641	-	4	380	K.AMVEVFLER.G	13
PLOG-5716	proteomics_log	2682615	2682650	-	4	3	K.NAKAMVEVFLER.G	16
PLOG-5717	proteomics_log	2682615	2682674	-	4	4	K.TYQQQVAKNAKAMVEVFLER.G	24
PLOG-5718	proteomics_log	2682615	2682713	-	4	2	K.AVALKEAM*EPEFKTYQQQVAKNAKAMVEVFLER.G	38
PLOG-5719	proteomics_log	2682642	2682674	-	4	133	K.TYQQQVAKNAK.A	15
PLOG-5720	proteomics_log	2682642	2682713	-	4	9	K.AVALKEAM*EPEFKTYQQQVAKNAK.A	29
PLOG-5721	proteomics_log	2682642	2682713	-	4	181	K.AVALKEAMEPEFKTYQQQVAKNAK.A	28
PLOG-5722	proteomics_log	2682651	2682674	-	4	74	K.TYQQQVAK.N	12
PLOG-5723	proteomics_log	2682651	2682713	-	4	48	K.AVALKEAM*EPEFKTYQQQVAK.N	26
PLOG-5724	proteomics_log	2682651	2682713	-	4	373	K.AVALKEAMEPEFKTYQQQVAK.N	25
PLOG-5725	proteomics_log	2682651	2682749	-	4	57	G.QGGPLM*HVIAGKAVALKEAMEPEFKTYQQQVAK.N	38
PLOG-5726	proteomics_log	2682675	2682713	-	4	54	K.AVALKEAM*EPEFK.T	18
PLOG-5727	proteomics_log	2682675	2682713	-	4	258	K.AVALKEAMEPEFK.T	17
PLOG-5728	proteomics_log	2682714	2682776	-	4	2	K.LNSAVFPGGQGGPLM*HVIAGK.A	26
PLOG-5729	proteomics_log	2682714	2682776	-	4	42	K.LNSAVFPGGQGGPLMHVIAGK.A	25
PLOG-5730	proteomics_log	2682714	2682779	-	4	13	K.KLNSAVFPGGQGGPLM*HVIAGK.A	27
PLOG-5731	proteomics_log	2682714	2682779	-	4	159	K.KLNSAVFPGGQGGPLMHVIAGK.A	26
PLOG-5732	proteomics_log	2682714	2682803	-	4	8	K.GGSEELYKKLNSAVFPGGQGGPLM*HVIAGK.A	35
PLOG-5733	proteomics_log	2682714	2682803	-	4	195	K.GGSEELYKKLNSAVFPGGQGGPLMHVIAGK.A	34
PLOG-5734	proteomics_log	2682714	2682824	-	4	2	R.GGLILAKGGSEELYKKLNSAVFPGGQGGPLMHVIAGK.A	41
PLOG-5735	proteomics_log	2682714	2682824	-	4	2	R.GGLILAKGGSEELYKKLNSAVFPGGQGGPLM*HVIAGK.A	42
PLOG-5736	proteomics_log	2682732	2682779	-	4	2	K.KLNSAVFPGGQGGPLM.H	20
PLOG-5737	proteomics_log	2682777	2682803	-	4	42	K.GGSEELYKK.L	13
PLOG-5738	proteomics_log	2682777	2682824	-	4	2	R.GGLILAKGGSEELYKK.L	20
PLOG-5739	proteomics_log	2682780	2682803	-	4	10	K.GGSEELYK.K	12
PLOG-5740	proteomics_log	2682780	2682824	-	4	43	R.GGLILAKGGSEELYK.K	19
PLOG-5741	proteomics_log	2682804	2682842	-	4	22	K.TLAGPRGGLILAK.G	17
PLOG-5742	proteomics_log	2682843	2682968	-	4	61	R.EIADSIGAYLFVDMAHVAGLVAAGVYPNPVPHAHVVTTHK.T	46
PLOG-5743	proteomics_log	2682843	2682974	-	4	17	K.MREIADSIGAYLFVDMAHVAGLVAAGVYPNPVPHAHVVTTHK.T	48
PLOG-5744	proteomics_log	2682975	2683025	-	4	13	K.M*IIGGFSAYSGVVDWAK.M	22
PLOG-5745	proteomics_log	2682975	2683025	-	4	292	K.MIIGGFSAYSGVVDWAK.M	21

PLOG-5746	proteomics_log	2683041	2683115	-	4	3	K.LYNIVPYGIDATGHIDYADLEKQAK.E	29
PLOG-5747	proteomics_log	2683050	2683115	-	4	36	K.LYNIVPYGIDATGHIDYADLEK.Q	26
PLOG-5748	proteomics_log	2683280	2683336	-	6	2	T.TAVASMLISLNNWRSIVRK.N	23
PLOG-5749	proteomics_log	2683287	2683340	-	4	4	R.YYGGCEYVDIVEQLAIDR.A	22
PLOG-5750	proteomics_log	2683341	2683367	-	4	93	K.YAEGYPGKR.Y	13
PLOG-5751	proteomics_log	2683341	2683403	-	4	78	R.VM*QAQGSQLTNKYAEGYPGKR.Y	26
PLOG-5752	proteomics_log	2683341	2683403	-	4	415	R.VMQAQGSQLTNKYAEGYPGKR.Y	25
PLOG-5753	proteomics_log	2683344	2683403	-	4	2	R.VM*QAQGSQLTNKYAEGYPGK.R	25
PLOG-5754	proteomics_log	2683344	2683403	-	4	61	R.VMQAQGSQLTNKYAEGYPGK.R	24
PLOG-5755	proteomics_log	2683368	2683403	-	4	135	R.VM*QAQGSQLTNK.Y	17
PLOG-5756	proteomics_log	2683368	2683403	-	4	294	R.VMQAQGSQLTNK.Y	16
PLOG-5757	proteomics_log	2683371	2683403	-	4	2	R.VM*QAQGSQLTN.K	16
PLOG-5758	proteomics_log	2683404	2683454	-	4	6	R.QEEHIELIASENYTSR.V	21
PLOG-5759	proteomics_log	2683404	2683460	-	4	104	K.VRQEEHIELIASENYTSR.V	23
PLOG-5760	proteomics_log	2683404	2683517	-	4	103	R.EMNIADYDAELWQAMEQEKVRQEEHIELIASENYTSR.V	42
PLOG-5761	proteomics_log	2683455	2683517	-	4	13	R.EMNIADYDAELWQAMEQEKVR.Q	25
PLOG-5762	proteomics_log	2683455	2683529	-	4	3	R.MLKREMNIADYDAELWQAMEQEKVR.Q	29
PLOG-5763	proteomics_log	2683461	2683517	-	4	2	R.EM*NIADYDAELWQAM*EQEK.V	25
PLOG-5764	proteomics_log	2683461	2683517	-	4	133	R.EMNIADYDAELWQAMEQEK.V	23
PLOG-5765	proteomics_log	2685095	2685127	-	6	12	R.IRTGEEDDAI.-	15
PLOG-5766	proteomics_log	2685137	2685160	-	6	25	K.IFVFDVAR.V	12
PLOG-5767	proteomics_log	2685137	2685175	-	6	144	K.IGDGKIFVFDVAR.V	17
PLOG-5768	proteomics_log	2685137	2685193	-	6	77	R.TAQTGKIGDGKIFVFDVAR.V	23
PLOG-5769	proteomics_log	2685161	2685193	-	6	20	R.TAQTGKIGDGK.I	15
PLOG-5770	proteomics_log	2685194	2685250	-	6	2	K.IEIVPDDIVDTCVDTIIR.T	23
PLOG-5771	proteomics_log	2685251	2685289	-	6	4	R.GAEYMVDFLPVK.I	17
PLOG-5772	proteomics_log	2685257	2685289	-	6	3	R.GAEYM*VDFLPK.V	16
PLOG-5773	proteomics_log	2685257	2685289	-	6	84	R.GAEYMVDFLPK.V	15
PLOG-5774	proteomics_log	2685317	2685421	-	6	4	K.IDAIIKPFKLLDDVREALAEVGITGMTVTEVKGFR.Q	39
PLOG-5775	proteomics_log	2685329	2685421	-	6	3	K.IDAIIKPFKLLDDVREALAEVGITGMTVTEVK.G	35
PLOG-5776	proteomics_log	2685329	2685430	-	6	3	S.MKKIDAIIKPFKLLDDVREALAEVGITGMTVTEVK.G	38
PLOG-5777	proteomics_log	2688974	2689084	-	6	3	R.QLVMLAFLILLPLLVLAWQAWQSLNALSDQAALVNR.T	41
PLOG-5778	proteomics_log	2689921	2689953	-	5	24	R.DAAHLAALESK.G	15
PLOG-5779	proteomics_log	2689966	2690061	-	5	11	R.FSLVEVTQSPSLLLQGMVGSQMPIAVSHGEGR.V	36
PLOG-5780	proteomics_log	2690329	2690379	-	5	15	R.AGFDVIDVHMSDLLTGR.T	21
PLOG-5781	proteomics_log	2690380	2690442	-	5	5	K.VAVLREQGVNSHVEMAAAFHR.A	25
PLOG-5782	proteomics_log	2690443	2690505	-	5	4	K.LSFDINEDVAAPYIATGARPK.V	25
PLOG-5783	proteomics_log	2690506	2690538	-	5	13	K.SNDADPGLNVK.L	15
PLOG-5784	proteomics_log	2690608	2690676	-	5	4	R.FVITANGQTVFSESRTTLRVVWA.E	27
PLOG-5785	proteomics_log	2690935	2691021	-	5	3	R.QLGDKPADVRDVAQLKGFYDAIQALVAQR.K	33
PLOG-5786	proteomics_log	2691145	2691189	-	5	5	R.EM*TSPLSLVISAFAR.V	20
PLOG-5787	proteomics_log	2691145	2691189	-	5	64	R.EMTSPLSLVISAFAR.V	19
PLOG-5788	proteomics_log	2691145	2691213	-	5	32	R.WQEGNEEREMTSPLSLVISAFAR.V	27
PLOG-5789	proteomics_log	2691145	2691219	-	5	2	K.TRWQEGNEEREMTSPLSLVISAFAR.V	29
PLOG-5790	proteomics_log	2691361	2691426	-	5	3	R.LAVGEALTNIATQIGDIKRIK.L	26
PLOG-5791	proteomics_log	2691367	2691426	-	5	142	R.LAVGEALTNIATQIGDIKR.I	24

PLOG-5792	proteomics_log	2691370	2691426	-	5	6	R.LAVGEALTNIAATQIGDIK.R	23
PLOG-5793	proteomics_log	2691379	2691426	-	5	4	R.LAVGEALTNIAATQIG.D	20
PLOG-5794	proteomics_log	2691427	2691465	-	5	27	R.APVALLDFAASAR.L	17
PLOG-5795	proteomics_log	2691592	2691618	-	5	30	K.TFLVTIGDR.S	13
PLOG-5796	proteomics_log	2691592	2691648	-	5	119	R.VLHLPTVAEKTFLVTIGDR.S	23
PLOG-5797	proteomics_log	2691649	2691681	-	5	5	R.EGITIADAVKR.V	15
PLOG-5798	proteomics_log	2691649	2691705	-	5	4	K.AKGDALAREGITIADAVKR.V	23
PLOG-5799	proteomics_log	2691649	2691723	-	5	3	R.DVQTLKAKGDALAREGITIADAVKR.V	29
PLOG-5800	proteomics_log	2691733	2691792	-	5	18	R.HFDNQPIDLPLDVLLGKTPK.M	24
PLOG-5801	proteomics_log	2691742	2691792	-	5	23	R.HFDNQPIDLPLDVLLGK.T	21
PLOG-5802	proteomics_log	2692261	2692302	-	5	24	R.ADHVQKGEINVGAK.L	18
PLOG-5803	proteomics_log	2692351	2692380	-	5	6	K.VNSHNGEELR.G	14
PLOG-5804	proteomics_log	2692396	2692491	-	5	16	R.IVTALDIMTEGPLGGAAFNNEFGRPALNGYFR.T	36
PLOG-5805	proteomics_log	2692492	2692542	-	5	10	R.IPGFEQPWEEDFGKPER.I	21
PLOG-5806	proteomics_log	2692492	2692578	-	5	104	K.AGLVGFSVSNLRIPGFEQPWEEDFGKPER.I	33
PLOG-5807	proteomics_log	2692543	2692578	-	5	39	K.AGLVGFSVSNLR.I	16
PLOG-5808	proteomics_log	2692690	2692755	-	5	5	R.YFADHETGRYDFHQEPAHILM*K.V	27
PLOG-5809	proteomics_log	2692690	2692755	-	5	16	R.YFADHETGRYDFHQEPAHILMK.V	26
PLOG-5810	proteomics_log	2692756	2692839	-	5	2	K.NTFETTPDHVLSAYKDNAAVMEGSEVGR.Y	32
PLOG-5811	proteomics_log	2692849	2692911	-	5	3	R.HKIFNADWVIDGEQQPKSLFK.M	25
PLOG-5812	proteomics_log	2692861	2692905	-	5	2	K.IFNADWVIDGEQQPK.S	19
PLOG-5813	proteomics_log	2692861	2692911	-	5	5	R.HKIFNADWVIDGEQQPK.S	21
PLOG-5814	proteomics_log	2692969	2693034	-	5	4	R.LGLALAEDEIDYLQDAFTKLGR.N	26
PLOG-5815	proteomics_log	2692978	2693034	-	5	199	R.LGLALAEDEIDYLQDAFTK.L	23
PLOG-5816	proteomics_log	2692978	2693061	-	5	5	R.QALIDANLRLGLALAEDEIDYLQDAFTK.L	32
PLOG-5817	proteomics_log	2693035	2693061	-	5	2	R.QALIDANLR.L	13
PLOG-5818	proteomics_log	2693062	2693163	-	5	2	R.M*M*ETVFFALDDAEQLFAHHQPTPVTSVDLLGQGR.Q	40
PLOG-5819	proteomics_log	2693062	2693163	-	5	96	R.MMETVFFALDDAEQLFAHHQPTPVTSVDLLGQGR.Q	38
PLOG-5820	proteomics_log	2693164	2693241	-	5	17	R.GVAYYIEAGTLTNEQWQQVTAELHDR.M	30
PLOG-5821	proteomics_log	2693347	2693385	-	5	17	K.YGPALASHAPQGK.L	17
PLOG-5822	proteomics_log	2693395	2693484	-	5	6	R.LPVHNIYAEYVHFADLNAPLNDDEHAQLER.L	34
PLOG-5823	proteomics_log	2693500	2693562	-	5	5	M.MEILRGSPALSAFRINKLLAR.F	25
PLOG-5824	proteomics_log	2693500	2693565	-	5	2	L.M*M*EILRGSPALSAFRINKLLAR.F	28
PLOG-5825	proteomics_log	2693512	2693547	-	5	2	R.GSPALSAFRINK.L	16
PLOG-5826	proteomics_log	2698976	2699017	-	6	13	M.AILGLGTDIVEIAR.I	18
PLOG-5827	proteomics_log	2699023	2699088	-	5	3	R.AVMTGLKDAVAEMKRLMLEARG.-	26
PLOG-5828	proteomics_log	2699044	2699088	-	5	2	R.AVMTGLKDAVAEM*KR.L	20
PLOG-5829	proteomics_log	2699044	2699088	-	5	185	R.AVMTGLKDAVAEMKR.L	19
PLOG-5830	proteomics_log	2699047	2699088	-	5	80	R.AVMTGLKDAVAEMK.R	18
PLOG-5831	proteomics_log	2699089	2699148	-	5	2	K.AIAAIPEM*HELNIGHAIIGR.A	25
PLOG-5832	proteomics_log	2699089	2699148	-	5	33	K.AIAAIPEMHELNIGHAIIGR.A	24
PLOG-5833	proteomics_log	2699149	2699187	-	5	143	K.VNAGHGLTYHNVK.A	17
PLOG-5834	proteomics_log	2699149	2699220	-	5	3	K.AATFAASLGLKVNAGHGLTYHNVK.A	28
PLOG-5835	proteomics_log	2699188	2699220	-	5	10	K.AATFAASLGLK.V	15
PLOG-5836	proteomics_log	2699230	2699262	-	5	17	K.TDAEQAQELAR.I	15
PLOG-5837	proteomics_log	2699413	2699457	-	5	2	R.QEVTTEGGLDVAGQR.D	19

PLOG-5838	proteomics_log	2699701	2699748	-	5	254	M.AELLGVNIDHIATLR.N	20
PLOG-5839	proteomics_log	2700506	2700529	-	6	8	R.SLGYVDDL.-	12
PLOG-5840	proteomics_log	2700569	2700622	-	6	11	R.KDMQEMFEAPVHLELWVK.V	22
PLOG-5841	proteomics_log	2700749	2700796	-	6	12	R.FLGAELPYSVTVEIER.F	20
PLOG-5842	proteomics_log	2701313	2701345	-	6	2	K.STLLNKLLGQK.I	15
PLOG-5843	proteomics_log	2701346	2701378	-	6	7	F.IAIVGRPNVGK.S	15
PLOG-5844	proteomics_log	2701684	2701761	-	5	71	R.ESILADTVEALIGGVFLDSDIQTVEK.L	30
PLOG-5845	proteomics_log	2701684	2701764	-	5	2	R.RESILADTVEALIGGVFLDSDIQTVEK.L	31
PLOG-5846	proteomics_log	2701684	2701779	-	5	7	K.SGGFRRESILADTVEALIGGVFLDSDIQTVEK.L	36
PLOG-5847	proteomics_log	2701900	2701968	-	5	10	R.LEFLGDSILSYVIANALYHRFPR.V	27
PLOG-5848	proteomics_log	2701996	2702049	-	5	9	K.LGYTFNHQELLQQALTHR.S	22
PLOG-5849	proteomics_log	2701996	2702052	-	5	84	R.KLGYTFNHQELLQQALTHR.S	23
PLOG-5850	proteomics_log	2702384	2702443	-	6	13	R.ATAIWMSFDKQEGEWPTGLR.L	24
PLOG-5851	proteomics_log	2702444	2702482	-	6	2	R.YWGFVPEANLVGR.A	17
PLOG-5852	proteomics_log	2702621	2702650	-	6	6	R.KETLGDVTHR.I	14
PLOG-5853	proteomics_log	2702621	2702662	-	6	11	R.LSERKETLGDVTHR.I	18
PLOG-5854	proteomics_log	2702891	2702950	-	6	4	K.RGDIVVFKYPEDPKLDYIKR.A	24
PLOG-5855	proteomics_log	2703350	2703418	-	6	2	K.QIGNVELPQEAFILHVGKDNK.-	27
PLOG-5856	proteomics_log	2703350	2703424	-	6	5	R.M*KQIGNVELPQEAFILHVGKDNK.-	30
PLOG-5857	proteomics_log	2703350	2703424	-	6	115	R.MKQIGNVELPQEAFILHVGKDNK.-	29
PLOG-5858	proteomics_log	2703425	2703457	-	6	4	K.LLQKQKEGKKR.M	15
PLOG-5859	proteomics_log	2703644	2703700	-	6	2	R.VDVLINGERVDALALITHR.D	23
PLOG-5860	proteomics_log	2703770	2703868	-	6	36	R.GVQTNMVYHGNQVALTYEIPMAEVVLDFFDRLK.S	37
PLOG-5861	proteomics_log	2703780	2703830	-	4	12	G.GADVRDPDGGSGARLLR.S	21
PLOG-5862	proteomics_log	2704514	2704612	-	6	10	R.DIPPPEGDPEGPLQALIIDSWFDNYLGVVSLIR.I	37
PLOG-5863	proteomics_log	2704514	2704621	-	6	3	R.LVRDIPPPEGDPEGPLQALIIDSWFDNYLGVVSLIR.I	40
PLOG-5864	proteomics_log	2704622	2704654	-	6	95	K.TGVGVQDVLER.L	15
PLOG-5865	proteomics_log	2704667	2704720	-	6	8	R.VAEIEIDIVGIDATDAVR.C	22
PLOG-5866	proteomics_log	2704667	2704750	-	6	4	K.IDLPAADPERVAEIEIDIVGIDATDAVR.C	32
PLOG-5867	proteomics_log	2705823	2705855	-	4	10	R.IAENIKFGAAQ.-	15
PLOG-5868	proteomics_log	2705823	2705855	-	4	10	R.IAENIKFGAAQ.-	15
PLOG-5869	proteomics_log	2706414	2706518	-	4	4	R.GNEISYFEPGLEPFTLNVDYIVDSLPSLIYDFKR.L	39
PLOG-5870	proteomics_log	2706600	2706707	-	4	3	A.TPASGALLQQMNLASQSLNYELSFISINKQGVESLR.Y	40
PLOG-5871	proteomics_log	2711683	2711784	-	5	2	R.FVTLALYHLTFEIAVV DARFAQPVCQLMHTLT.LT.H	38
PLOG-5872	proteomics_log	2714109	2714153	-	4	48	R.FNSLTPEQQRDV IAR.T	19
PLOG-5873	proteomics_log	2714109	2714174	-	4	66	R.VSGYAVRFNSLTPEQQRDV IAR.T	26
PLOG-5874	proteomics_log	2714124	2714153	-	4	126	R.FNSLTPEQQR.D	14
PLOG-5875	proteomics_log	2714169	2714231	-	4	2	R.ETLEDAVKHPEKYPQLTIRVS.G	25
PLOG-5876	proteomics_log	2714175	2714231	-	4	42	R.ETLEDAVKHPEKYPQLTIR.V	23
PLOG-5877	proteomics_log	2714175	2714234	-	4	86	R.RETLEDAVKHPEKYPQLTIR.V	24
PLOG-5878	proteomics_log	2714232	2714273	-	4	2	R.VEGGQHLNVNVLRR.E	18
PLOG-5879	proteomics_log	2714235	2714273	-	4	119	R.VEGGQHLNVNVLRR.R	17
PLOG-5880	proteomics_log	2714274	2714300	-	4	2	V.PVEVKPEVR.V	13
PLOG-5881	proteomics_log	2714274	2714306	-	4	92	R.EVPVEVKPEVR.V	15
PLOG-5882	proteomics_log	2714274	2714327	-	4	188	K.LGDIEYREVPVEVKPEVR.V	22
PLOG-5883	proteomics_log	2714274	2714366	-	4	68	K.AGYAEDEVVAVSKLGDIEYREVPVEVKPEVR.V	35

PLOG-5884	proteomics_log	2714307	2714327	-	4	14	K.LGDIEYR.E	11
PLOG-5885	proteomics_log	2714307	2714366	-	4	59	K.AGYAEDEVVAVSKLGDIEYR.E	24
PLOG-5886	proteomics_log	2714328	2714366	-	4	159	K.AGYAEDEVVAVSK.L	17
PLOG-5887	proteomics_log	2714382	2714411	-	4	3	W.LLDSEKGEAR.C	14
PLOG-5888	proteomics_log	2714382	2714444	-	4	333	K.AANDDLLNSFWLLDSEKGEAR.C	25
PLOG-5889	proteomics_log	2714382	2714471	-	4	2	H.M*ITGIQITKAANDDLLNSFWLLDSEKGEAR.C	35
PLOG-5890	proteomics_log	2714382	2714471	-	4	75	H.MITGIQITKAANDDLLNSFWLLDSEKGEAR.C	34
PLOG-5891	proteomics_log	2714394	2714444	-	4	16	K.AANDDLLNSFWLLDSEK.G	21
PLOG-5892	proteomics_log	2714445	2714471	-	4	14	H.M*ITGIQITK.A	14
PLOG-5893	proteomics_log	2714445	2714471	-	4	227	H.MITGIQITK.A	13
PLOG-5894	proteomics_log	2715349	2715381	-	5	3	K.M*VAAKESTMRR.K	16
PLOG-5895	proteomics_log	2715603	2715677	-	4	4	K.MVLVLGQEQEGLPDAARDPNDLRV.I	29
PLOG-5896	proteomics_log	2715609	2715677	-	4	7	K.MVLVLGQEQEGLPDAARDPNDLR.V	27
PLOG-5897	proteomics_log	2715696	2715827	-	4	2	R.TAEGGAEHVQPITGDNIVNVLDDFRQAGYTVVTTSSSEQGKPLFK.T	48
PLOG-5898	proteomics_log	2715753	2715827	-	4	17	R.TAEGGAEHVQPITGDNIVNVLDDFR.Q	29
PLOG-5899	proteomics_log	2715828	2715878	-	4	21	K.GVVVQDAALLESAAIR.T	21
PLOG-5900	proteomics_log	2716059	2716097	-	4	4	R.KAYHVVDAAELTK.A	17
PLOG-5901	proteomics_log	2716134	2716163	-	4	3	R.AWFIQSVTPR.F	14
PLOG-5902	proteomics_log	2716275	2716328	-	4	2	R.APGDETPEKADHGGISGK.S	22
PLOG-5903	proteomics_log	2716275	2716340	-	4	92	R.TVSRAPGDETPEKADHGGISGK.S	26
PLOG-5904	proteomics_log	2716302	2716340	-	4	3	R.TVSRAPGDETPEK.A	17
PLOG-5905	proteomics_log	2716527	2716550	-	4	2	S.MNDEMKGK.S	12
PLOG-5906	proteomics_log	2723736	2723765	-	4	6	M.AESTVTADSK.L	14
PLOG-5907	proteomics_log	2729661	2729738	-	4	60	R.AIQQQIENPLAQQILSGELVPGKVIR.L	30
PLOG-5908	proteomics_log	2729670	2729738	-	4	3	R.AIQQQIENPLAQQILSGELVPGK.V	27
PLOG-5909	proteomics_log	2729793	2729828	-	4	3	R.GYEIHISDEALK.L	16
PLOG-5910	proteomics_log	2730081	2730152	-	4	2	K.AHPDVFNILLQVLDDGRLTDGQGR.T	28
PLOG-5911	proteomics_log	2730102	2730191	-	4	2	R.RPYSVILLDEVEKAHPDVFNILLQVLDDGR.L	34
PLOG-5912	proteomics_log	2730153	2730194	-	4	2	R.RRPYSVILLDEVEK.A	18
PLOG-5913	proteomics_log	2730303	2730347	-	4	70	K.ALANFMFDSDEAMVR.I	19
PLOG-5914	proteomics_log	2730348	2730431	-	4	4	R.AGLADPNRPIGSFLFLGPTGVGKTELCK.A	32
PLOG-5915	proteomics_log	2730363	2730431	-	4	2	R.AGLADPNRPIGSFLFLGPTGVGK.T	27
PLOG-5916	proteomics_log	2730438	2730488	-	4	5	R.VIGQNEAVDAVSNAIRR.S	21
PLOG-5917	proteomics_log	2730441	2730488	-	4	6	R.VIGQNEAVDAVSNAIR.R	20
PLOG-5918	proteomics_log	2730489	2730512	-	4	89	R.MEQELHHR.V	12
PLOG-5919	proteomics_log	2730522	2730545	-	4	5	R.MMESEREK.L	12
PLOG-5920	proteomics_log	2730570	2730605	-	4	3	K.VTDAEIAEVLAR.W	16
PLOG-5921	proteomics_log	2730570	2730611	-	4	109	R.NKVTDAEIAEVLAR.W	18
PLOG-5922	proteomics_log	2730570	2730620	-	4	36	R.LLRNKVTDAEIAEVLAR.W	21
PLOG-5923	proteomics_log	2730621	2730704	-	4	3	R.MSELQYGKIPLEKQLEAATQLEGKTM.R.L	32
PLOG-5924	proteomics_log	2730630	2730662	-	4	2	K.QLEAATQLEGK.T	15
PLOG-5925	proteomics_log	2730630	2730704	-	4	4	R.M*SELQYGKIPLEKQLEAATQLEGK.T	30
PLOG-5926	proteomics_log	2730630	2730704	-	4	91	R.MSELQYGKIPLEKQLEAATQLEGK.T	29
PLOG-5927	proteomics_log	2730723	2730827	-	4	11	S.ELEEEWKAEKASLSGTQTIKAELEQAKIAIEQARR.V	39
PLOG-5928	proteomics_log	2730726	2730797	-	4	6	K.ASLSGTQTIKAELEQAKIAIEQAR.R	28
PLOG-5929	proteomics_log	2730990	2731028	-	4	2	K.AIDLIDEAASSIR.M	17

PLOG-5930	proteomics_log	2730990	2731037	-	4	55	L.PDKAIDLIDEAASSIR.M	20
PLOG-5931	proteomics_log	2730990	2731043	-	4	52	R.QLPDKAIDLIDEAASSIR.M	22
PLOG-5932	proteomics_log	2730990	2731058	-	4	61	R.YIADRQLPDKAIDLIDEAASSIR.M	27
PLOG-5933	proteomics_log	2731059	2731127	-	4	43	R.YELHHHVQITDPAIVAAATLSHR.Y	27
PLOG-5934	proteomics_log	2731143	2731190	-	4	157	K.VFVAEPSVEDTIAILR.G	20
PLOG-5935	proteomics_log	2731143	2731199	-	4	3	R.FQKVFVAEPSVEDTIAILR.G	23
PLOG-5936	proteomics_log	2731143	2731202	-	4	14	R.RFQKVFVAEPSVEDTIAILR.G	24
PLOG-5937	proteomics_log	2731203	2731280	-	4	2	R.GELHCVGATTLDEYRQYIEKDAALER.R	30
PLOG-5938	proteomics_log	2731332	2731415	-	4	2	K.GVLNDLAKQEGNVILFIDELHTMVGAGK.A	32
PLOG-5939	proteomics_log	2731332	2731421	-	4	29	R.LKGVNDLAKQEGNVILFIDELHTMVGAGK.A	34
PLOG-5940	proteomics_log	2731446	2731487	-	4	43	R.VLALDMGALVAGAK.Y	18
PLOG-5941	proteomics_log	2731446	2731490	-	4	11	R.RVLALDMGALVAGAK.Y	19
PLOG-5942	proteomics_log	2731491	2731529	-	4	5	R.IINGEVPEGLKGR.R	17
PLOG-5943	proteomics_log	2731530	2731559	-	4	17	K.TAIVEGLAQR.I	14
PLOG-5944	proteomics_log	2731530	2731604	-	4	48	R.TKNNPVLIGEPGVGKTAIVEGLAQR.I	29
PLOG-5945	proteomics_log	2731530	2731607	-	4	5	R.RTKNNPVLIGEPGVGKTAIVEGLAQR.I	30
PLOG-5946	proteomics_log	2731560	2731598	-	4	4	K.NNPVLIGEPGVGK.T	17
PLOG-5947	proteomics_log	2731560	2731604	-	4	9	R.TKNNPVLIGEPGVGK.T	19
PLOG-5948	proteomics_log	2731629	2731682	-	4	5	R.AEQGKLDPVIGRDEEIRR.T	22
PLOG-5949	proteomics_log	2732460	2732522	-	4	34	K.ASAAFIQHGDKYLADIYQLAR.Q	25
PLOG-5950	proteomics_log	2733095	2733178	-	6	18	R.LYHPISGIEMEWHAIPQDMVELIEVMR.A	32
PLOG-5951	proteomics_log	2733584	2733640	-	6	6	R.AGIVHRLDKDTTGLM*VVAK.T	24
PLOG-5952	proteomics_log	2733584	2733640	-	6	8	R.AGIVHRLDKDTTGLMVVAK.T	23
PLOG-5953	proteomics_log	2733641	2733733	-	6	51	R.DLVVHPGAGNPDGTVLNALLHYYPPIADVPR.A	35
PLOG-5954	proteomics_log	2737060	2737122	-	5	2	R.FGEAIELLEQGDQAFIDSFR.K	25
PLOG-5955	proteomics_log	2737465	2737557	-	5	2	K.NGPLQAMLVAHDGPVGLHPMFGPDSGSLAK.Q	35
PLOG-5956	proteomics_log	2737861	2737920	-	5	46	R.RAEAEALGVPPDLIEDVLR.R	24
PLOG-5957	proteomics_log	2738014	2738088	-	5	16	M.VAELTALRDQIDEVDKALLNLLAKR.L	29
PLOG-5958	proteomics_log	2738017	2738088	-	5	214	M.VAELTALRDQIDEVDKALLNLLAK.R	28
PLOG-5959	proteomics_log	2738017	2738091	-	5	3	I.M*VAELTALRDQIDEVDKALLNLLAK.R	30
PLOG-5960	proteomics_log	2738017	2738091	-	5	34	I.MVAELTALRDQIDEVDKALLNLLAK.R	29
PLOG-5961	proteomics_log	2738210	2738287	-	6	18	R.SIIGLMIESNIHEGNQSSEQPRSEM.K.Y	30
PLOG-5962	proteomics_log	2738222	2738287	-	6	25	R.SIIGLMIESNIHEGNQSSEQPR.S	26
PLOG-5963	proteomics_log	2738288	2738341	-	6	132	R.RQPAVAESVVAQIKDGNR.S	22
PLOG-5964	proteomics_log	2738468	2738545	-	6	4	R.FVGINQAGQVALLQTQGNPDGHVILR.G	30
PLOG-5965	proteomics_log	2738468	2738548	-	6	2	H.RFVGINQAGQVALLQTQGNPDGHVILR.G	31
PLOG-5966	proteomics_log	2738468	2738566	-	6	2	R.AAAQPHRFVGINQAGQVALLQTQGNPDGHVILR.G	37
PLOG-5967	proteomics_log	2738567	2738611	-	6	3	K.NGTDGSLATAINAM*R.A	20
PLOG-5968	proteomics_log	2738567	2738650	-	6	4	R.EMASGLSMPVGFKNGTGSLATAINAMR.A	32
PLOG-5969	proteomics_log	2738567	2738674	-	6	2	R.TTESQTHREMASGLSMPVGFKNGTGSLATAINAMR.A	40
PLOG-5970	proteomics_log	2738567	2738674	-	6	2	R.TTESQTHREM*ASGLSM*PVGFKNGTGSLATAINAM*R.A	43
PLOG-5971	proteomics_log	2738675	2738785	-	6	22	K.LLLELVNMGLPLATEALDPNSPQYLGDLFSWSAIGAR.T	41
PLOG-5972	proteomics_log	2738675	2738788	-	6	53	R.KLLELVNMGLPLATEALDPNSPQYLGDLFSWSAIGAR.T	42
PLOG-5973	proteomics_log	2738873	2738893	-	6	2	R.VYFEKPR.T	11
PLOG-5974	proteomics_log	2738873	2738893	-	6	2	R.VYFEKPR.T	11
PLOG-5975	proteomics_log	2739050	2739100	-	6	22	K.AAFPLSLQQAQIADSR.K	21

PLOG-5976	proteomics_log	2739101	2739172	-	6	84	I.MQKDALNNVHITDEQVLMTPEQLK.A	28
PLOG-5977	proteomics_log	2742214	2742243	-	5	2	R.TGKAARIKER.L	14
PLOG-5978	proteomics_log	2742244	2742270	-	5	44	K.AKLYLRER.T	13
PLOG-5979	proteomics_log	2742244	2742273	-	5	5	R.KAKLYLRER.T	14
PLOG-5980	proteomics_log	2742250	2742273	-	5	2	R.KAKLYLR.E	12
PLOG-5981	proteomics_log	2742271	2742336	-	5	3	R.VFQTHSPVVDISISVKRRGAVRK.A	26
PLOG-5982	proteomics_log	2742274	2742336	-	5	3	R.VFQTHSPVVDISISVKRRGAVR.K	25
PLOG-5983	proteomics_log	2742286	2742336	-	5	76	R.VFQTHSPVVDISISVKRR.G	21
PLOG-5984	proteomics_log	2742286	2742363	-	5	4	K.ISNGEGVERVFQTHSPVVDISISVKRR.G	30
PLOG-5985	proteomics_log	2742286	2742366	-	5	7	R.KISNGEGVERVFQTHSPVVDISISVKRR.G	31
PLOG-5986	proteomics_log	2742289	2742336	-	5	346	R.VFQTHSPVVDISISVKR.R	20
PLOG-5987	proteomics_log	2742289	2742363	-	5	12	K.ISNGEGVERVFQTHSPVVDISISVKR.R	29
PLOG-5988	proteomics_log	2742289	2742366	-	5	36	R.KISNGEGVERVFQTHSPVVDISISVKR.R	30
PLOG-5989	proteomics_log	2742292	2742333	-	5	2	V.FQTHSPVVDISISVK.R	18
PLOG-5990	proteomics_log	2742292	2742336	-	5	507	R.VFQTHSPVVDISISVK.R	19
PLOG-5991	proteomics_log	2742292	2742363	-	5	26	K.ISNGEGVERVFQTHSPVVDISISVK.R	28
PLOG-5992	proteomics_log	2742292	2742366	-	5	110	R.KISNGEGVERVFQTHSPVVDISISVK.R	29
PLOG-5993	proteomics_log	2742337	2742363	-	5	114	K.ISNGEGVER.V	13
PLOG-5994	proteomics_log	2742337	2742366	-	5	151	R.KISNGEGVER.V	14
PLOG-5995	proteomics_log	2742364	2742393	-	5	9	R.GLHSAFTVRK.I	14
PLOG-5996	proteomics_log	2742367	2742393	-	5	209	R.GLHSAFTVR.K	13
PLOG-5997	proteomics_log	2742367	2742399	-	5	17	R.NRGLHSAFTVR.K	15
PLOG-5998	proteomics_log	2742394	2742435	-	5	60	R.LQAFEGVVIARNR.G	18
PLOG-5999	proteomics_log	2742394	2742438	-	5	61	K.RLQAFEGVVIARNR.G	19
PLOG-6000	proteomics_log	2742400	2742435	-	5	525	R.LQAFEGVVIARN.N	16
PLOG-6001	proteomics_log	2742400	2742438	-	5	102	K.RLQAFEGVVIARN.N	17
PLOG-6002	proteomics_log	2742400	2742441	-	5	2	K.KRLQAFEGVVIARN.N	18
PLOG-6003	proteomics_log	2742436	2742465	-	5	15	K.VWVVEGSKK.L	14
PLOG-6004	proteomics_log	2742439	2742465	-	5	7	K.VWVVEGSKK.R	13
PLOG-6005	proteomics_log	2742442	2742465	-	5	31	K.VWVVEGSK.K	12
PLOG-6006	proteomics_log	2742442	2742549	-	5	2	M.SNIIKQLEQEQMKQDVPSFRPGDTVEVKVWVVEGSK.K	40
PLOG-6007	proteomics_log	2742466	2742510	-	5	5	K.QDVPSFRPGDTVEVK.V	19
PLOG-6008	proteomics_log	2742466	2742534	-	5	12	K.QLEQEQMKQDVPSFRPGDTVEVK.V	27
PLOG-6009	proteomics_log	2742466	2742549	-	5	11	M.SNIIKQLEQEQM*KQDVPSFRPGDTVEVK.V	33
PLOG-6010	proteomics_log	2742466	2742549	-	5	188	M.SNIIKQLEQEQMKQDVPSFRPGDTVEVK.V	32
PLOG-6011	proteomics_log	2742511	2742549	-	5	6	M.SNIIKQLEQEQM*K.Q	18
PLOG-6012	proteomics_log	2742511	2742549	-	5	30	M.SNIIKQLEQEQMK.Q	17
PLOG-6013	proteomics_log	2743320	2743361	-	4	10	A.MWIGIISLFPEMFR.A	18
PLOG-6014	proteomics_log	2743395	2743424	-	4	3	R.SIEVDWDPGF.-	14
PLOG-6015	proteomics_log	2743425	2743478	-	4	4	R.LVPFLDGQVIKVDLTTTR.S	22
PLOG-6016	proteomics_log	2743788	2743850	-	4	3	R.VFSSTEDAESIFDYQPWFIQK.A	25
PLOG-6017	proteomics_log	2743887	2743937	-	4	23	M.SKQLTAQAPVDPIVLGK.M	21
PLOG-6018	proteomics_log	2743962	2743997	-	4	314	R.VAALIKEVNKAA.-	16
PLOG-6019	proteomics_log	2743962	2744039	-	4	173	R.IAHWVGQGATISDRVAALIKEVNKAA.-	30
PLOG-6020	proteomics_log	2743968	2743997	-	4	170	R.VAALIKEVNK.A	14
PLOG-6021	proteomics_log	2743968	2744039	-	4	141	R.IAHWVGQGATISDRVAALIKEVNK.A	28

PLOG-6022	proteomics_log	2743980	2744039	-	4	344	R.IAHWVGQGATISDRVAALIK.E	24
PLOG-6023	proteomics_log	2743980	2744066	-	4	9	E.EGTRLDLDRIAHWVGQGATISDRVAALIK.E	33
PLOG-6024	proteomics_log	2743998	2744030	-	4	3	H.WVGQGATISDR.V	15
PLOG-6025	proteomics_log	2743998	2744039	-	4	361	R.IAHWVGQGATISDR.V	18
PLOG-6026	proteomics_log	2743998	2744102	-	4	134	R.VGFFNPIASEKEEGTRLDLDRIAHWVGQGATISDR.V	39
PLOG-6027	proteomics_log	2744031	2744102	-	4	4	R.VGFFNPIASEKEEGTRLDLDRIAH.W	28
PLOG-6028	proteomics_log	2744040	2744102	-	4	315	R.VGFFNPIASEKEEGTRLDLDR.I	25
PLOG-6029	proteomics_log	2744040	2744114	-	4	2	R.FIERVGFNPIASEKEEGTRLDLDR.I	29
PLOG-6030	proteomics_log	2744055	2744102	-	4	76	R.VGFFNPIASEKEEGTR.L	20
PLOG-6031	proteomics_log	2744070	2744102	-	4	81	R.VGFFNPIASEK.E	15
PLOG-6032	proteomics_log	2744133	2744156	-	4	4	Y.QVVVADSR.N	12
PLOG-6033	proteomics_log	2744133	2744168	-	4	2	K.RPFYQVVVADSR.N	16
PLOG-6034	proteomics_log	2744133	2744171	-	4	192	K.KRPFYQVVVADSR.N	17
PLOG-6035	proteomics_log	2744133	2744183	-	4	8	R.HGAKKRPFYQVVVADSR.N	21
PLOG-6036	proteomics_log	2744543	2744572	-	6	2	R.LLKQFDDM*QR.M	15
PLOG-6037	proteomics_log	2744543	2744572	-	6	25	R.LLKQFDDMQR.M	14
PLOG-6038	proteomics_log	2744624	2744653	-	6	29	R.AKPEIIKGSR.K	14
PLOG-6039	proteomics_log	2744654	2744692	-	6	8	R.MEAIINSMTMKER.A	17
PLOG-6040	proteomics_log	2744723	2744758	-	6	2	K.LPGMGQIPDNVK.S	16
PLOG-6041	proteomics_log	2744801	2744842	-	6	19	K.GDGFDLNDFLEQLR.Q	18
PLOG-6042	proteomics_log	2744801	2744845	-	6	15	K.KGDGFDLNDFLEQLR.Q	19
PLOG-6043	proteomics_log	2744801	2744851	-	6	16	K.LKKGDGFDLNDFLEQLR.Q	21
PLOG-6044	proteomics_log	2744852	2744938	-	6	19	R.ILGMGDVLSLIEDIESKVDRQAQAEK.L	33
PLOG-6045	proteomics_log	2744864	2744938	-	6	7	R.ILGMGDVLSLIEDIESKVDRQAQAEK.L	29
PLOG-6046	proteomics_log	2744879	2744938	-	6	4	R.ILGM*GDVLSLIEDIESKVDR.A	25
PLOG-6047	proteomics_log	2744879	2744938	-	6	68	R.ILGMGDVLSLIEDIESKVDR.A	24
PLOG-6048	proteomics_log	2744888	2744938	-	6	5	R.ILGM*GDVLSLIEDIESK.V	22
PLOG-6049	proteomics_log	2744888	2744938	-	6	108	R.ILGMGDVLSLIEDIESK.V	21
PLOG-6050	proteomics_log	2745053	2745115	-	6	7	K.AFNEALPLTGVVLTQVDGAR.G	25
PLOG-6051	proteomics_log	2745071	2745115	-	6	23	K.AFNEALPLTGVVLTQ.V	19
PLOG-6052	proteomics_log	2745116	2745154	-	6	3	V.DAMTGQDAANTAK.A	17
PLOG-6053	proteomics_log	2745116	2745154	-	6	3	V.DAM*TGQDAANTAK.A	18
PLOG-6054	proteomics_log	2745116	2745160	-	6	3	F.VVDAM*TGQDAANTAK.A	20
PLOG-6055	proteomics_log	2745236	2745271	-	6	4	K.FYDVLLVDTAGR.L	16
PLOG-6056	proteomics_log	2745236	2745277	-	6	7	K.LKFYDVLLVDTAGR.L	18
PLOG-6057	proteomics_log	2745278	2745379	-	6	9	K.QLETLAEQVGVDFFPSDVGQKPVDIVNAALKEAK.L	38
PLOG-6058	proteomics_log	2745287	2745379	-	6	2	K.QLETLAEQVGVDFFPSDVGQKPVDIVNAALK.E	35
PLOG-6059	proteomics_log	2745581	2745643	-	6	2	K.AVGHEVNKSLTPGQEFVKIVR.N	25
PLOG-6060	proteomics_log	2745590	2745643	-	6	2	K.AVGHEVNKSLTPGQEFVK.I	22
PLOG-6061	proteomics_log	2745620	2745643	-	6	2	K.AVGHEVNK.S	12
PLOG-6062	proteomics_log	2745671	2745712	-	6	10	R.MALLEADVALPVVR.E	18
PLOG-6063	proteomics_log	2745713	2745760	-	6	2	R.GRLTEDNVKDTLREVR.M	20
PLOG-6064	proteomics_log	2745722	2745754	-	6	3	R.LTEDNVKDTLR.E	15
PLOG-6065	proteomics_log	2745722	2745760	-	6	3	R.GRLTEDNVKDTLR.E	17
PLOG-6066	proteomics_log	2748140	2748172	-	6	3	R.AAM*VTVAKAKA.-	16
PLOG-6067	proteomics_log	2748140	2748172	-	6	10	R.AAMVTVAKAKA.-	15

PLOG-6068	proteomics_log	2748140	2748181	-	6	2	R.TIRAAMVTVAKAKA.-	18
PLOG-6069	proteomics_log	2748203	2748325	-	6	4	R.KFGVEVIAETNVPLDPNVHQAIAMVESDDVAPGNVLGIMQK.G	45
PLOG-6070	proteomics_log	2748323	2748418	-	6	9	R.ALEVADKANPDMSAMVEGIELTLKSMLDVVRK.F	36
PLOG-6071	proteomics_log	2748326	2748382	-	6	5	M.SAMVEGIELTLKSMLDVVR.K	23
PLOG-6072	proteomics_log	2748326	2748418	-	6	101	R.ALEVADKANPDMSAMVEGIELTLKSMLDVVR.K	35
PLOG-6073	proteomics_log	2748347	2748397	-	6	3	K.ANPDMSAMVEGIELTLK.S	21
PLOG-6074	proteomics_log	2748347	2748418	-	6	2	R.ALEVADKANPDMSAM*VEGIELTLK.S	29
PLOG-6075	proteomics_log	2748347	2748418	-	6	3	R.ALEVADKANPDM*SAMVEGIELTLK.S	29
PLOG-6076	proteomics_log	2748347	2748418	-	6	110	R.ALEVADKANPDMSAMVEGIELTLK.S	28
PLOG-6077	proteomics_log	2748347	2748460	-	6	2	K.FINELLPVIDSLDRALEVADKANPDM*SAM*VEGIELTLK.S	44
PLOG-6078	proteomics_log	2748347	2748460	-	6	108	K.FINELLPVIDSLDRALEVADKANPDMSAMVEGIELTLK.S	42
PLOG-6079	proteomics_log	2748419	2748460	-	6	221	K.FINELLPVIDSLDR.A	18
PLOG-6080	proteomics_log	2748419	2748475	-	6	27	K.FALEKFINELLPVIDSLDR.A	23
PLOG-6081	proteomics_log	2748419	2748484	-	6	19	K.AHKFALEKFINELLPVIDSLDR.A	26
PLOG-6082	proteomics_log	2748419	2748505	-	6	5	R.TELDIEKAHKFALEKFINELLPVIDSLDR.A	33
PLOG-6083	proteomics_log	2748419	2748508	-	6	24	R.RTELDIEKAHKFALEKFINELLPVIDSLDR.A	34
PLOG-6084	proteomics_log	2748461	2748508	-	6	21	R.RTELDIEKAHKFALEK.F	20
PLOG-6085	proteomics_log	2748509	2748538	-	6	4	R.VKAEMENLR.R	14
PLOG-6086	proteomics_log	2748512	2748538	-	6	2	R.VKAEM*ENLR.R	14
PLOG-6087	proteomics_log	2748512	2748538	-	6	23	R.VKAEMENLR.R	13
PLOG-6088	proteomics_log	2748560	2748601	-	6	49	K.VANLEAQLAEAQTR.E	18
PLOG-6089	proteomics_log	2748560	2748610	-	6	3	R.DEKVANLEAQLAEAQTR.E	21
PLOG-6090	proteomics_log	2752216	2752236	-	5	2	A.TVEEAIR.A	11
PLOG-6091	proteomics_log	2757062	2757130	-	6	2	K.LPQEQKQSNLEGPAYAVPLHKL.H	27
PLOG-6092	proteomics_log	2770405	2770482	-	5	2	S.SVMNMPVTLIGALSIDGSTATGVVK.E	30
PLOG-6093	proteomics_log	2774048	2774131	-	6	2	I.PPQYSSQKRSIQAKMRGSSVIHCGMVPK.C	32
PLOG-6094	proteomics_log	2779621	2779683	-	5	2	R.IDNGGVM*DVAGNATNTIINGG.T	26
PLOG-6095	proteomics_log	2788100	2788195	-	6	2	K.LRLQAAGRVIDPGMDHAAVVARLVTRGRGLFF.Q	36
PLOG-6096	proteomics_log	2794362	2794409	-	4	2	K.SPDKIYPGQVLRIP.EE.-	20
PLOG-6097	proteomics_log	2794362	2794439	-	4	3	K.IFEANKPMLKSPDKIYPGQVLRIP.EE.-	30
PLOG-6098	proteomics_log	2794374	2794409	-	4	13	K.SPDKIYPGQVLR.I	16
PLOG-6099	proteomics_log	2794410	2794439	-	4	5	K.IFEANKPMLK.S	14
PLOG-6100	proteomics_log	2794440	2794472	-	4	8	K.QVYGNANLYNK.I	15
PLOG-6101	proteomics_log	2794473	2794502	-	4	19	K.SGDTLSAISK.Q	14
PLOG-6102	proteomics_log	2794503	2794544	-	4	15	K.TATPATASQFYTVK.S	18
PLOG-6103	proteomics_log	2794545	2794601	-	4	12	K.ILVAVGNISGIASVDDQVK.T	23
PLOG-6104	proteomics_log	2794602	2794646	-	4	14	K.ATVTGDGLSQAQEK.I	19
PLOG-6105	proteomics_log	2794608	2794646	-	4	13	K.ATVTGDGLSQAQ.E	17
PLOG-6106	proteomics_log	2794647	2794697	-	4	2	K.TGIPDADKVNIQIADGK.A	21
PLOG-6107	proteomics_log	2794647	2794721	-	4	3	K.KVQEHLNKTGIPDADKVNIQIADGK.A	29
PLOG-6108	proteomics_log	2794698	2794721	-	4	7	K.KVQEHLNK.T	12
PLOG-6109	proteomics_log	2794722	2794805	-	4	19	M.GLFNFVKDAGEKLWDAVTGQHDKDDQAK.K	32
PLOG-6110	proteomics_log	2794770	2794805	-	4	3	M.GLFNFVKDAGEK.L	16
PLOG-6111	proteomics_log	2796116	2796175	-	6	2	R.TPKPIAQALAEKSLDDFLI.-	24
PLOG-6112	proteomics_log	2796116	2796196	-	6	13	K.TWTGQGRTPKPIAQALAEKSLDDFLI.-	31
PLOG-6113	proteomics_log	2796137	2796175	-	6	14	R.TPKPIAQALAEK.S	17

PLOG-6114	proteomics_log	2796137	2796196	-	6	4	K.TWTGQGRTPKPIAQAALAEKG.S	24
PLOG-6115	proteomics_log	2796197	2796223	-	6	9	K.FTDVNGETK.T	13
PLOG-6116	proteomics_log	2796263	2796319	-	6	98	K.ADGINPEELLGNSAAAPR.A	23
PLOG-6117	proteomics_log	2796263	2796346	-	6	102	K.ISTWLELMKADGINPEELLGNSAAAPR.A	32
PLOG-6118	proteomics_log	2796320	2796346	-	6	3	K.ISTWLELM*K.A	14
PLOG-6119	proteomics_log	2796320	2796346	-	6	25	K.ISTWLELMK.A	13
PLOG-6120	proteomics_log	2796347	2796394	-	6	4	R.EEEEEQQRELAERQEK.I	20
PLOG-6121	proteomics_log	2796356	2796397	-	6	10	R.REEEEEQQRELAER.Q	18
PLOG-6122	proteomics_log	2796371	2796397	-	6	3	R.REEEEEQQQR.E	13
PLOG-6123	proteomics_log	2796371	2796415	-	6	15	R.VVTKERREEEEQQQR.E	19
PLOG-6124	proteomics_log	2796371	2796421	-	6	2	K.FRVTVKERREEEEQQQR.E	21
PLOG-6125	proteomics_log	2796416	2796460	-	6	32	R.EFSIDVLEEMLEKFR.V	19
PLOG-6126	proteomics_log	2796416	2796472	-	6	3	R.AMAREFSIDVLEEMLEKFR.V	23
PLOG-6127	proteomics_log	2796422	2796460	-	6	12	R.EFSIDVLEEM*LEK.F	18
PLOG-6128	proteomics_log	2796422	2796460	-	6	171	R.EFSIDVLEEMLEK.F	17
PLOG-6129	proteomics_log	2796473	2796514	-	6	7	M.SVMLQSLNNIRTLR.A	18
PLOG-6130	proteomics_log	2796482	2796514	-	6	7	M.SVM*LQSLNNIR.T	16
PLOG-6131	proteomics_log	2796482	2796514	-	6	106	M.SVMLQSLNNIR.T	15
PLOG-6132	proteomics_log	2812243	2812299	-	5	79	R.INSNEELALPKEKLQELHI.-	23
PLOG-6133	proteomics_log	2812243	2812308	-	5	8	R.DVRINSNEELALPKEKLQELHI.-	26
PLOG-6134	proteomics_log	2812243	2812323	-	5	18	R.SILERDVRINSNEELALPKEKLQELHI.-	31
PLOG-6135	proteomics_log	2812261	2812299	-	5	67	R.INSNEELALPKEK.L	17
PLOG-6136	proteomics_log	2812261	2812308	-	5	3	R.DVRINSNEELALPKEK.L	20
PLOG-6137	proteomics_log	2812267	2812299	-	5	15	R.INSNEELALPK.E	15
PLOG-6138	proteomics_log	2812417	2812440	-	5	2	K.AAMEDVLK.V	12
PLOG-6139	proteomics_log	2812417	2812503	-	5	59	R.TGFYMSLIGTPDEQRVADAWKAAMEDVLK.V	33
PLOG-6140	proteomics_log	2812459	2812503	-	5	96	R.TGFYMSLIGTPDEQR.V	19
PLOG-6141	proteomics_log	2812504	2812560	-	5	4	R.NHLNGNGVEIIDISPMGCR.T	23
PLOG-6142	proteomics_log	2812561	2812602	-	5	21	R.GIHTLEHLFAGFM*R.N	19
PLOG-6143	proteomics_log	2812561	2812602	-	5	265	R.GIHTLEHLFAGFMR.N	18
PLOG-6144	proteomics_log	2812561	2812638	-	5	7	R.FCVPNKEVMPERGIHTLEHLFAGFMR.N	30
PLOG-6145	proteomics_log	2812603	2812638	-	5	4	R.FCVPNKEVMPER.G	16
PLOG-6146	proteomics_log	2812639	2812686	-	5	15	K.TM*NTPHGDAITVFDLR.F	21
PLOG-6147	proteomics_log	2812639	2812686	-	5	228	K.TMNTPHGDAITVFDLR.F	20
PLOG-6148	proteomics_log	2812639	2812695	-	5	3	R.VAKTMNTPHGDAITVFDLR.F	23
PLOG-6149	proteomics_log	2812687	2812716	-	5	5	R.MEAPAVRVAK.T	14
PLOG-6150	proteomics_log	2812696	2812752	-	5	6	M.PLLSFTVDHTRMEAPAVR.V	23
PLOG-6151	proteomics_log	2812717	2812752	-	5	284	M.PLLSFTVDHTR.M	16
PLOG-6152	proteomics_log	2813418	2813471	-	4	6	R.SLDINPFSPIGVDEQQVR.F	22
PLOG-6153	proteomics_log	2814210	2814296	-	4	5	K.WITTDFAEALLEFITPVDGGDIEHMLTFMR.D	33
PLOG-6154	proteomics_log	2815148	2815219	-	6	5	R.RPMAVGTGSESAIAEALLAHLGLR.H	28
PLOG-6155	proteomics_log	2815235	2815285	-	6	18	R.SMLLDSVEPLPLVDVVK.S	21
PLOG-6156	proteomics_log	2816986	2817018	-	5	197	R.IQAEKSQQSSY.-	15
PLOG-6157	proteomics_log	2816986	2817075	-	5	2	R.IGVNAPKEVSVHREEIYQRIQAEKSQQSSY.-	34
PLOG-6158	proteomics_log	2817019	2817054	-	5	21	K.EVSVHREEIYQR.I	16
PLOG-6159	proteomics_log	2817019	2817075	-	5	156	R.IGVNAPKEVSVHREEIYQR.I	23

PLOG-6160	proteomics_log	2817037	2817075	-	5	27	R.IGVNAPKEVSVHR.E	17
PLOG-6161	proteomics_log	2817055	2817075	-	5	9	R.IGVNAPK.E	11
PLOG-6162	proteomics_log	2817076	2817147	-	5	2	R.VGETLMIGDEVTVTVLGVKGNQVR.I	28
PLOG-6163	proteomics_log	2817076	2817147	-	5	2	R.VGETLM*IGDEVTVTVLGVKGNQVR.I	29
PLOG-6164	proteomics_log	2817076	2817150	-	5	12	R.RVGETLM*IGDEVTVTVLGVKGNQVR.I	30
PLOG-6165	proteomics_log	2817076	2817150	-	5	216	R.RVGETLMIGDEVTVTVLGVKGNQVR.I	29
PLOG-6166	proteomics_log	2817091	2817150	-	5	2	R.RVGETLMIGDEVTVTVLGVK.G	24
PLOG-6167	proteomics_log	2817412	2817507	-	5	2	K.GGGRPDMAQAGGTDAAALPAALASVKGWVSAK.L	36
PLOG-6168	proteomics_log	2817421	2817507	-	5	2	K.GGGRPDMAQAGGTDAAALPAALASVKGWV.S	33
PLOG-6169	proteomics_log	2817508	2817552	-	5	13	K.AGELIGMVAQVGGK.G	19
PLOG-6170	proteomics_log	2817508	2817600	-	5	8	K.VSLIAGVSKDVTDRVKAGELIGMVAQVGGK.G	35
PLOG-6171	proteomics_log	2817553	2817672	-	5	3	R.TMVDDLKNQLGSTIIVLATVVEGKVSLIAGVSKDVTDRVK.A	44
PLOG-6172	proteomics_log	2817601	2817672	-	5	23	R.TM*VDDLKNQLGSTIIVLATVVEGK.V	29
PLOG-6173	proteomics_log	2817601	2817672	-	5	188	R.TMVDDLKNQLGSTIIVLATVVEGK.V	28
PLOG-6174	proteomics_log	2817601	2817681	-	5	2	K.MLRTMVDDLKNQLGSTIIVLATVVEGK.V	31
PLOG-6175	proteomics_log	2817601	2817705	-	5	9	S.ELSGVEPKM*LRTM*VDDLKNQLGSTIIVLATVVEGK.V	41
PLOG-6176	proteomics_log	2817673	2817741	-	5	4	K.AIDVNGVKLLVSELSGVEPKM*LR.T	28
PLOG-6177	proteomics_log	2817673	2817741	-	5	27	K.AIDVNGVKLLVSELSGVEPKMLR.T	27
PLOG-6178	proteomics_log	2817682	2817717	-	5	22	K.LLVSELSGVEPK.M	16
PLOG-6179	proteomics_log	2817682	2817741	-	5	27	K.AIDVNGVKLLVSELSGVEPK.M	24
PLOG-6180	proteomics_log	2817682	2817819	-	5	5	R.TRQLEKELQQLKEQAAAQESANLSSKAIDVNGVKLLVSELSGVEPK.M	50
PLOG-6181	proteomics_log	2817742	2817813	-	5	4	R.QLEKELQQLKEQAAAQESANLSSK.A	28
PLOG-6182	proteomics_log	2817742	2817819	-	5	25	R.TRQLEKELQQLKEQAAAQESANLSSK.A	30
PLOG-6183	proteomics_log	2817835	2817867	-	5	6	K.GDSNNLADKVR.S	15
PLOG-6184	proteomics_log	2817835	2817894	-	5	17	R.LSEVAHLLKGDSNNLADKVR.S	24
PLOG-6185	proteomics_log	2817835	2817954	-	5	12	R.RIEAVTGEGAIATVHADSDRLSEVAHLLKGDSNNLADKVR.S	44
PLOG-6186	proteomics_log	2817895	2817954	-	5	9	R.RIEAVTGEGAIATVHADSDR.L	24
PLOG-6187	proteomics_log	2817952	2817990	-	5	4	R.IISESGTAAGVRR.I	17
PLOG-6188	proteomics_log	2817955	2817990	-	5	95	R.IISESGTAAGVR.R	16
PLOG-6189	proteomics_log	2817991	2818014	-	5	93	R.TGDIGLFR.I	12
PLOG-6190	proteomics_log	2817991	2818071	-	5	3	R.VLSMGDFSTELCGGTHASRTGDIGLFR.I	31
PLOG-6191	proteomics_log	2818015	2818071	-	5	2	R.VLSMGDFSTELCGGTHASR.T	23
PLOG-6192	proteomics_log	2818078	2818116	-	5	4	K.GAMALFGEKYDER.V	17
PLOG-6193	proteomics_log	2818090	2818116	-	5	2	K.GAMALFGEK.Y	13
PLOG-6194	proteomics_log	2818117	2818167	-	5	3	R.NLPIETNIMDLEAAKAK.G	21
PLOG-6195	proteomics_log	2818123	2818167	-	5	2	R.NLPIETNIM*DLEAAK.A	20
PLOG-6196	proteomics_log	2818123	2818167	-	5	130	R.NLPIETNIMDLEAAK.A	19
PLOG-6197	proteomics_log	2818168	2818248	-	5	11	R.FDFSHNEAMKPEEIRAVEDLVNTQIRR.N	31
PLOG-6198	proteomics_log	2818171	2818203	-	5	4	R.AVEDLVNTQIR.R	15
PLOG-6199	proteomics_log	2818171	2818248	-	5	3	R.FDFSHNEAMKPEEIRAVEDLVNTQIR.R	30
PLOG-6200	proteomics_log	2818204	2818248	-	5	20	R.FDFSHNEAMKPEEIR.A	19
PLOG-6201	proteomics_log	2818249	2818278	-	5	5	K.GSLVNDKVL.R.F	14
PLOG-6202	proteomics_log	2818249	2818308	-	5	4	R.QVLGTHVSQKGSVNDKVL.R.F	24
PLOG-6203	proteomics_log	2818309	2818350	-	5	6	R.LNHSATHLMHAALR.Q	18
PLOG-6204	proteomics_log	2818309	2818356	-	5	14	R.IRLNHSATHLMHAALR.Q	20
PLOG-6205	proteomics_log	2818321	2818350	-	5	2	R.LNHSATHLM*H.A	15

PLOG-6206	proteomics_log	2818366	2818404	-	5	6	K.VGDAVQADVDEAR.R	17
PLOG-6207	proteomics_log	2818426	2818455	-	5	2	K.YGQAIGHIGK.L	14
PLOG-6208	proteomics_log	2818681	2818722	-	5	9	R.EASGFGADYNAMIR.V	18
PLOG-6209	proteomics_log	2818681	2818728	-	5	3	R.AREASGFGADYNAM*IR.V	21
PLOG-6210	proteomics_log	2818729	2818785	-	5	2	R.NIKVDEAGFEAAMEEQRRR.A	23
PLOG-6211	proteomics_log	2818729	2818785	-	5	2	R.NIKVDEAGFEAAM*EEQRRR.A	24
PLOG-6212	proteomics_log	2818735	2818785	-	5	2	R.NIKVDEAGFEAAMEEQR.R	21
PLOG-6213	proteomics_log	2818843	2818881	-	5	13	K.LSGDTLDGETAFR.L	17
PLOG-6214	proteomics_log	2818843	2818914	-	5	43	R.GLALLDEELAKLSGDTLDGETAFR.L	28
PLOG-6215	proteomics_log	2818882	2818914	-	5	17	R.GLALLDEELAK.L	15
PLOG-6216	proteomics_log	2818927	2818980	-	5	6	R.QQAQVEQVLKTEEEQFAR.T	22
PLOG-6217	proteomics_log	2819197	2819226	-	5	6	K.VTGATDLSNK.S	14
PLOG-6218	proteomics_log	2819197	2819304	-	5	8	R.IAAVLQHVNSNYDIDLFRTLIQAVAKVTGATDLSNK.S	40
PLOG-6219	proteomics_log	2819227	2819304	-	5	13	R.IAAVLQHVNSNYDIDLFRTLIQAVAK.V	30
PLOG-6220	proteomics_log	2819251	2819304	-	5	6	R.IAAVLQHVNSNYDIDLFR.T	22
PLOG-6221	proteomics_log	2819776	2819823	-	5	4	R.AGGKHNDLENVGYTAR.H	20
PLOG-6222	proteomics_log	2819863	2819976	-	5	2	K.GHQVVASSSLVPHNDPTLLFTNAGMNFQKDVFLGLDKR.N	42
PLOG-6223	proteomics_log	2819863	2819976	-	5	2	K.GHQVVASSSLVPHNDPTLLFTNAGM*NQFKDVFLGLDKR.N	43
PLOG-6224	proteomics_log	2819977	2820006	-	5	4	R.QAFLDFFHSK.G	14
PLOG-6225	proteomics_log	2819977	2820030	-	5	3	M.SKSTAEIRQAFDFFHSK.G	22
PLOG-6226	proteomics_log	2820733	2820816	-	5	11	R.ELLSNPNSTPDFSVDDSEGVAETNEDE.-	32
PLOG-6227	proteomics_log	2820931	2821038	-	5	7	K.IAAPFKQAEFQILYGEGINFYGELVDLGVKEKLIK.A	40
PLOG-6228	proteomics_log	2820943	2821038	-	5	46	K.IAAPFKQAEFQILYGEGINFYGELVDLGVKEK.L	36
PLOG-6229	proteomics_log	2821060	2821092	-	5	15	K.EGENVVGSETR.V	15
PLOG-6230	proteomics_log	2821060	2821107	-	5	90	R.IGAVKEGENVVGSETR.V	20
PLOG-6231	proteomics_log	2821060	2821110	-	5	14	R.RIGAVKEGENVVGSETR.V	21
PLOG-6232	proteomics_log	2821141	2821194	-	5	10	K.IGVMFGNPETTTGGNALK.F	22
PLOG-6233	proteomics_log	2821141	2821239	-	5	3	K.QSNTLLIFINQIRMKIGVMFGNPETTTGGNALK.F	37
PLOG-6234	proteomics_log	2821201	2821239	-	5	46	K.QSNTLLIFINQIR.M	17
PLOG-6235	proteomics_log	2821201	2821257	-	5	2	K.LAGNLKQSNTLLIFINQIR.M	23
PLOG-6236	proteomics_log	2821201	2821260	-	5	16	R.KLAGNLKQSNTLLIFINQIR.M	24
PLOG-6237	proteomics_log	2821282	2821332	-	5	5	K.AEIEGEIGDSHM*GLAAR.M	22
PLOG-6238	proteomics_log	2821282	2821332	-	5	67	K.AEIEGEIGDSHMGLAAR.M	21
PLOG-6239	proteomics_log	2821282	2821386	-	5	2	R.SGAVDVIVVDSVAALTPKAEIEGEIGDSHM*GLAAR.M	40
PLOG-6240	proteomics_log	2821282	2821386	-	5	95	R.SGAVDVIVVDSVAALTPKAEIEGEIGDSHMGLAAR.M	39
PLOG-6241	proteomics_log	2821333	2821386	-	5	89	R.SGAVDVIVVDSVAALTPK.A	22
PLOG-6242	proteomics_log	2821387	2821473	-	5	9	R.KLGVDDIDNLLCSQPDTGEQALEICDALAR.S	33
PLOG-6243	proteomics_log	2821474	2821524	-	5	6	K.TCAFIDAEHALDPIYAR.K	21
PLOG-6244	proteomics_log	2821525	2821608	-	5	24	R.IVEIYGPESSGKTTTLQVIAAAQREGK.T	32
PLOG-6245	proteomics_log	2821534	2821572	-	5	3	K.TTLTLQVIAAAQR.E	17
PLOG-6246	proteomics_log	2821573	2821608	-	5	25	R.IVEIYGPESSGK.T	16
PLOG-6247	proteomics_log	2821705	2821764	-	5	4	K.ALAAALGQIEKQFGKGSIM*R.L	25
PLOG-6248	proteomics_log	2821705	2821764	-	5	224	K.ALAAALGQIEKQFGKGSIMR.L	24
PLOG-6249	proteomics_log	2821705	2821788	-	5	10	M.AIDENKQKALAAALGQIEKQFGKGSIM*R.L	33
PLOG-6250	proteomics_log	2821705	2821788	-	5	109	M.AIDENKQKALAAALGQIEKQFGKGSIMR.L	32
PLOG-6251	proteomics_log	2821720	2821764	-	5	44	K.ALAAALGQIEKQFGK.G	19

PLOG-6252	proteomics_log	2821720	2821788	-	5	4	M.AIDENKQKALAAALGQIEKQFGK.G	27
PLOG-6253	proteomics_log	2821732	2821764	-	5	59	K.ALAAALGQIEK.Q	15
PLOG-6254	proteomics_log	2821732	2821788	-	5	23	M.AIDENKQKALAAALGQIEK.Q	23
PLOG-6255	proteomics_log	2821874	2821927	-	6	4	R.QATAYALQTLWQQFLQNT.-	22
PLOG-6256	proteomics_log	2822093	2822185	-	6	2	K.AQMIGVREETLAQHGAVSEPVVEMAIGALK.A	35
PLOG-6257	proteomics_log	2822309	2822368	-	6	3	V.MTDELMQLSEQVGQALKAR.G	24
PLOG-6258	proteomics_log	2828820	2828897	-	4	2	H.WHKIITGLPARGCWKPTSPTCIGWR.N	30
PLOG-6259	proteomics_log	2833816	2833836	-	5	2	P.GGDLAAK.Q	11
PLOG-6260	proteomics_log	2835550	2835633	-	5	3	R.RKTTPPYGADVLKILQNCSGIKGIPGNIR.R	32
PLOG-6261	proteomics_log	2837032	2837115	-	5	17	K.STQTLGLVVTNTLYHGIYFSELLFHAAR.M	32
PLOG-6262	proteomics_log	2838337	2838381	-	5	3	A.EMALPIQIPIGPISR.I	19
PLOG-6263	proteomics_log	2840913	2840966	-	4	4	N.WVVIDGGSAPENDIVAIR.E	22
PLOG-6264	proteomics_log	2846112	2846174	-	4	2	K.KM*PVISIAMLVGLM*AM*AALPP.L	28
PLOG-6265	proteomics_log	2854595	2854639	-	6	19	H.CYQPAKREEMKQIMR.W	19
PLOG-6266	proteomics_log	2856312	2856335	-	4	14	L.QQIAQLGK.L	12
PLOG-6267	proteomics_log	2864878	2864919	-	5	4	R.ITSVDTPLGGDSEK.A	18
PLOG-6268	proteomics_log	2865187	2865237	-	5	23	R.GLALLDLIEEENLGLIR.A	21
PLOG-6269	proteomics_log	2865331	2865414	-	5	13	R.VLDATQLYLGEIGYSPLLTAEVYFAR.R	32
PLOG-6270	proteomics_log	2865415	2865489	-	5	3	K.ALVEQEPSDNDLAEELLSQGATQR.V	29
PLOG-6271	proteomics_log	2867781	2867834	-	4	3	R.ILNINVPDLPLDQIKGIR.V	22
PLOG-6272	proteomics_log	2868454	2868519	-	5	13	R.EALAFEQAAVAETELQALLVR.E	26
PLOG-6273	proteomics_log	2869491	2869541	-	4	12	K.GYTLGNVDVTIIAQAPK.M	21
PLOG-6274	proteomics_log	2869581	2869715	-	4	16	K.GLLAHSDDGVALHALTDALLGAAALGDIGKLPDTPAFKADSR.E	49
PLOG-6275	proteomics_log	2869596	2869715	-	4	22	K.GLLAHSDDGVALHALTDALLGAAALGDIGKLPDTPAFK.G	44
PLOG-6276	proteomics_log	2869626	2869715	-	4	22	K.GLLAHSDDGVALHALTDALLGAAALGDIGK.L	34
PLOG-6277	proteomics_log	2869632	2869730	-	4	2	R.IPYEKGLLAHSDDGVALHALTDALLGAAALGDI.G	37
PLOG-6278	proteomics_log	2869716	2869796	-	4	2	R.IGHGFDVHAFGGEGPIIIGGVRIPYEK.G	31
PLOG-6279	proteomics_log	2869716	2869802	-	4	2	I.M*RIGHGFDVHAFGGEGPIIIGGVRIPYEK.G	34
PLOG-6280	proteomics_log	2869716	2869802	-	4	2	I.M*RIGHGFDVHAFGGEGPIIIGGVRIPYEK.G	34
PLOG-6281	proteomics_log	2869731	2869796	-	4	7	R.IGHGFDVHAFGGEGPIIIGGVR.I	26
PLOG-6282	proteomics_log	2869826	2869888	-	6	8	R.ADNIKVTRPEDLALAEFYLR.T	25
PLOG-6283	proteomics_log	2871412	2871543	-	5	3	R.NFTGIDSVYEAPESAEIHLNQEQLVTNLVQQLLDLLR.Q	48
PLOG-6284	proteomics_log	2871433	2871522	-	5	17	S.VYEAPESAEIHLNQEQLVTNLVQQLLDLLR.Q	34
PLOG-6285	proteomics_log	2871433	2871540	-	5	16	N.FTGIDSVYEAPESAEIHLNQEQLVTNLVQQLLDLLR.Q	40
PLOG-6286	proteomics_log	2871433	2871543	-	5	28	R.NFTGIDSVYEAPESAEIHLNQEQLVTNLVQQLLDLLR.Q	41
PLOG-6287	proteomics_log	2871670	2871750	-	5	27	R.VGEVANLMVEAGLVVLTAFISPHRAER.Q	31
PLOG-6288	proteomics_log	2871670	2871753	-	5	2	R.RVGEVANLMVEAGLVVLTAFISPHRAER.Q	32
PLOG-6289	proteomics_log	2871679	2871750	-	5	22	R.VGEVANLMVEAGLVVLTAFISPHR.A	28
PLOG-6290	proteomics_log	2871679	2871753	-	5	3	R.RVGEVANLMVEAGLVVLTAFISPHR.A	29
PLOG-6291	proteomics_log	2871811	2871891	-	5	18	K.STVAGALEEALHKLGVSTYLLDGDNVR.H	31
PLOG-6292	proteomics_log	2871955	2872011	-	5	14	M.ALHDENVVWVHSHPVTVQQR.E	23
PLOG-6293	proteomics_log	2872059	2872172	-	4	6	R.LSNVTVGAGMVHEPVSQATAAPSEFSAFELELNALVRR.H	42
PLOG-6294	proteomics_log	2872062	2872172	-	4	3	R.LSNVTVGAGM*VHEPVSQATAAPSEFSAFELELNALVRR.R	42
PLOG-6295	proteomics_log	2872062	2872172	-	4	17	R.LSNVTVGAGMVHEPVSQATAAPSEFSAFELELNALVRR.R	41
PLOG-6296	proteomics_log	2872173	2872217	-	4	17	R.YQQNPVTGGLIFIDR.L	19
PLOG-6297	proteomics_log	2872173	2872292	-	4	9	R.EVENPLNIGLVDLTFDEPLVLDTRYQQNPVTGGLIFIDR.L	44

PLOG-6298	proteomics_log	2872218	2872292	-	4	25	R.EVENLPLNGIGLVDLTFDEPLVLDLDR.Y	29
PLOG-6299	proteomics_log	2872218	2872325	-	4	2	R.YQVDINNLTQREVENLPLNGIGLVDLTFDEPLVLDLDR.Y	40
PLOG-6300	proteomics_log	2872293	2872325	-	4	9	R.YQVDINNLTQR.E	15
PLOG-6301	proteomics_log	2872569	2872604	-	4	7	K.VLPSGVESNVAR.I	16
PLOG-6302	proteomics_log	2872569	2872610	-	4	100	R.VKVLPSPGVESNVAR.I	18
PLOG-6303	proteomics_log	2872725	2872781	-	4	4	M.PWYSGPTLLEVLLETVEIQR.V	23
PLOG-6304	proteomics_log	2872725	2872796	-	4	5	S.QSESMPWYSGPTLLEVLLETVEIQR.V	28
PLOG-6305	proteomics_log	2872725	2872838	-	4	26	R.FVPLSALEGDNVASQSESMPWYSGPTLLEVLLETVEIQR.V	42
PLOG-6306	proteomics_log	2872839	2872895	-	4	2	R.IREDYLTFFAGQLPGNLDLDR.F	23
PLOG-6307	proteomics_log	2872959	2872991	-	4	7	R.HSFISTLLGIK.H	15
PLOG-6308	proteomics_log	2873076	2873117	-	4	4	K.FIIADTPGHEQYTR.N	18
PLOG-6309	proteomics_log	2873355	2873441	-	4	30	K.MNTALAQQIANEGGVEAWMIAQQHKSLLR.F	33
PLOG-6310	proteomics_log	2873367	2873441	-	4	95	K.MNTALAQQIANEGGVEAWMIAQQHK.S	29
PLOG-6311	proteomics_log	2873458	2873502	-	5	6	R.VIDRDQAGSM*ELKKR.Q	20
PLOG-6312	proteomics_log	2873458	2873502	-	5	206	R.VIDRDQAGSMELKKR.Q	19
PLOG-6313	proteomics_log	2873464	2873502	-	5	4	R.VIDRDQAGSM*ELK.K	18
PLOG-6314	proteomics_log	2873464	2873502	-	5	11	R.VIDRDQAGSMELK.K	17
PLOG-6315	proteomics_log	2873626	2873694	-	5	22	R.DGMLMMIDDNRIDLQPGEVIKKR.M	27
PLOG-6316	proteomics_log	2873632	2873694	-	5	2	R.DGMLMMIDDNRIDLQPGEVIK.K	25
PLOG-6317	proteomics_log	2873662	2873694	-	5	4	R.DGM*LM*M*IDDNR.I	18
PLOG-6318	proteomics_log	2873695	2873805	-	5	17	R.VFPLSNWTEQDIWQYIWLENIDIVPLYLAAERPVLDR.D	41
PLOG-6319	proteomics_log	2873944	2873976	-	5	3	K.YGFDAAFGGAR.R	15
PLOG-6320	proteomics_log	2873944	2874006	-	5	5	K.TEGLKQALNKYGFDAAFGGAR.R	25
PLOG-6321	proteomics_log	2873944	2874024	-	5	8	K.HTDIM*KTEGLKQALNKYGFDAAFGGAR.R	32
PLOG-6322	proteomics_log	2873944	2874024	-	5	12	K.HTDIMKTEGLKQALNKYGFDAAFGGAR.R	31
PLOG-6323	proteomics_log	2874142	2874207	-	5	32	R.KAFYPGTLPFLLHVDTGWKFR.E	26
PLOG-6324	proteomics_log	2874148	2874207	-	5	45	R.KAFYPGTLPFLLHVDTGWK.F	24
PLOG-6325	proteomics_log	2874169	2874204	-	5	2	K.AFYPGTLPFLL.H	16
PLOG-6326	proteomics_log	2874208	2874237	-	5	4	K.DSSVMLHLAR.K	14
PLOG-6327	proteomics_log	2874208	2874285	-	5	8	E.VAAEFSNPVMLYSIGKDSSVMLHLAR.K	30
PLOG-6328	proteomics_log	2874208	2874288	-	5	133	R.EVAAEFSNPVMLYSIGKDSSVMLHLAR.K	31
PLOG-6329	proteomics_log	2874208	2874321	-	5	25	R.QLEAESIHIREVAAEFSNPVMLYSIGKDSSVMLHLAR.K	42
PLOG-6330	proteomics_log	2874238	2874288	-	5	24	R.EVAAEFSNPVMLYSIGK.D	21
PLOG-6331	proteomics_log	2874238	2874321	-	5	22	R.QLEAESIHIREVAAEFSNPVMLYSIGK.D	32
PLOG-6332	proteomics_log	2874289	2874321	-	5	59	R.QLEAESIHIR.E	15
PLOG-6333	proteomics_log	2874289	2874336	-	5	5	R.LTHLRQLEAESIHIR.E	20
PLOG-6334	proteomics_log	2880060	2880167	-	4	2	L.SM*SNFINIHVLISHSPSCLNRDDM*NM*QKDAIFGGKR.R	43
PLOG-6335	proteomics_log	2884236	2884277	-	4	6	R.KQRWPM*LGNULLINK.L	19
PLOG-6336	proteomics_log	2885624	2885677	-	6	4	R.KWEPGM*AEETRFFGLKR.E	23
PLOG-6337	proteomics_log	2885747	2885812	-	6	3	R.GVFKVLPIDWDNRRTIYQYLQK.H	26
PLOG-6338	proteomics_log	2885771	2885800	-	6	4	K.VLPIIDWDNR.T	14
PLOG-6339	proteomics_log	2885771	2885812	-	6	11	R.GVFKVLPIDWDNR.T	18
PLOG-6340	proteomics_log	2885813	2885842	-	6	24	R.ANLPVLAIQR.G	14
PLOG-6341	proteomics_log	2885864	2885908	-	6	4	R.ALKELNAQTWFAGLR.R	19
PLOG-6342	proteomics_log	2885909	2885944	-	6	3	K.YNDINKVEPMNR.A	16
PLOG-6343	proteomics_log	2885909	2885986	-	6	2	R.YGKLWEQGVGIEKYNDINKVEPM*NR.A	31

PLOG-6344	proteomics_log	2885909	2885986	-	6	9	R.YGKLWEQGVGEGIEKYNDINKVEPMNR.A	30
PLOG-6345	proteomics_log	2886227	2886283	-	6	46	R.ILALAETNAELEKLDAGEGR.V	23
PLOG-6346	proteomics_log	2886227	2886331	-	6	5	M.SKLDLNLALNELPKVDRIILALAETNAELEKLDAGEGR.V	39
PLOG-6347	proteomics_log	2886284	2886331	-	6	118	M.SKLDLNLALNELPKVDR.I	20
PLOG-6348	proteomics_log	2886412	2886459	-	5	2	R.AGIIRPVLPDARDLWD.-	20
PLOG-6349	proteomics_log	2886424	2886459	-	5	15	R.AGIIRPVLPDARDLWD.-	16
PLOG-6350	proteomics_log	2886460	2886495	-	5	5	R.EAGEGFGDFTVR.A	16
PLOG-6351	proteomics_log	2886460	2886501	-	5	2	K.EREAGEGFGDFTVR.A	18
PLOG-6352	proteomics_log	2886496	2886573	-	5	13	R.MYKENITEPEILASLDELIGRWAKER.E	30
PLOG-6353	proteomics_log	2886502	2886573	-	5	50	R.MYKENITEPEILASLDELIGRWAK.E	28
PLOG-6354	proteomics_log	2886511	2886564	-	5	2	K.ENITEPEILASLDELIGR.W	22
PLOG-6355	proteomics_log	2886511	2886573	-	5	10	R.M*YKENITEPEILASLDELIGR.W	26
PLOG-6356	proteomics_log	2886511	2886573	-	5	110	R.MYKENITEPEILASLDELIGR.W	25
PLOG-6357	proteomics_log	2886595	2886666	-	5	6	R.AM*LAEVGLVGKAPGRYNLHLGGNR.I	29
PLOG-6358	proteomics_log	2886595	2886666	-	5	41	R.AMLAEVGLVGKAPGRYNLHLGGNR.I	28
PLOG-6359	proteomics_log	2886634	2886666	-	5	5	R.AMLAEVGLVGK.A	15
PLOG-6360	proteomics_log	2886697	2886729	-	5	9	K.HGVSDEHIVM*R.V	16
PLOG-6361	proteomics_log	2886697	2886729	-	5	126	K.HGVSDEHIVMR.V	15
PLOG-6362	proteomics_log	2886697	2886774	-	5	5	R.FLPSFIDNIDNLMAKHGVSDEHIVMR.V	30
PLOG-6363	proteomics_log	2886730	2886768	-	5	2	L.PSFIDNIDNLMAK.H	17
PLOG-6364	proteomics_log	2886730	2886774	-	5	46	R.FLPSFIDNIDNLM*AK.H	20
PLOG-6365	proteomics_log	2886730	2886774	-	5	280	R.FLPSFIDNIDNLMAK.H	19
PLOG-6366	proteomics_log	2886730	2886798	-	5	29	P.LAMAEAEERFLPSFIDNIDNLMAK.H	27
PLOG-6367	proteomics_log	2886874	2886948	-	5	3	R.ITANQNLIAGVPESEKAKIEKIAK.E	29
PLOG-6368	proteomics_log	2886883	2886948	-	5	21	R.ITANQNLIAGVPESEKAKIEK.I	26
PLOG-6369	proteomics_log	2886949	2887023	-	5	2	R.ILDYPARPLKTGLLEIAKIHKGDFR.I	29
PLOG-6370	proteomics_log	2886961	2887023	-	5	2	R.ILDYPARPLKTGLLEIAKIHK.G	25
PLOG-6371	proteomics_log	2886970	2887023	-	5	48	R.ILDYPARPLKTGLLEIAK.I	22
PLOG-6372	proteomics_log	2887024	2887071	-	5	9	K.GIDDNWHLTLFIENGR.I	20
PLOG-6373	proteomics_log	2887144	2887182	-	5	7	R.VGVETFKAEVERR.A	17
PLOG-6374	proteomics_log	2887147	2887182	-	5	69	R.VGVETFKAEVER.R	16
PLOG-6375	proteomics_log	2887240	2887314	-	5	122	R.TASEFGYLPLEHTLAVAEAVVTQR.D	29
PLOG-6376	proteomics_log	2887480	2887530	-	5	9	K.VATTDEEPILGQTYLPR.K	21
PLOG-6377	proteomics_log	2887480	2887563	-	5	4	R.AYAEIWLQEKVATTDEEPILGQTYLPR.K	32
PLOG-6378	proteomics_log	2887570	2887593	-	5	19	K.ISEHLLPR.T	12
PLOG-6379	proteomics_log	2887570	2887596	-	5	12	K.KISEHLLPR.T	13
PLOG-6380	proteomics_log	2887663	2887737	-	5	10	K.NVKPVHQM*LHSVGLDALATANDM*NR.N	31
PLOG-6381	proteomics_log	2887663	2887737	-	5	27	K.NVKPVHQMLHSVGLDALATANDMNR.N	29
PLOG-6382	proteomics_log	2887891	2887914	-	5	5	R.AEQKLEPR.H	12
PLOG-6383	proteomics_log	2887891	2887923	-	5	16	R.AERAEQKLEPR.H	15
PLOG-6384	proteomics_log	2887963	2888034	-	5	93	R.GTIAEDLNDGLTGGFKGDNFLLIR.F	28
PLOG-6385	proteomics_log	2887963	2888061	-	5	7	R.M*KHESNYLRGTIAEDLNDGLTGGFKGDNFLLIR.F	38
PLOG-6386	proteomics_log	2887963	2888061	-	5	26	R.MKHESNYLRGTIAEDLNDGLTGGFKGDNFLLIR.F	37
PLOG-6387	proteomics_log	2887963	2888079	-	5	4	K.LTDAERM*KHESNYLRGTIAEDLNDGLTGGFKGDNFLLIR.F	44
PLOG-6388	proteomics_log	2888062	2888118	-	5	40	M.SEKHPGPLVVEGKLTDAER.M	23
PLOG-6389	proteomics_log	2888080	2888118	-	5	38	M.SEKHPGPLVVEGK.L	17

PLOG-6390	proteomics_log	2888142	2888240	-	4	4	K.DVEQALLEVIAEFGGMDTEAADEFLSELVERR.Y	37
PLOG-6391	proteomics_log	2888142	2888249	-	4	76	R.MAKDVEQALLEVIAEFGGMDTEAADEFLSELVERR.Y	40
PLOG-6392	proteomics_log	2888145	2888240	-	4	36	K.DVEQALLEVIAEFGGMDTEAADEFLSELVER.R	36
PLOG-6393	proteomics_log	2888145	2888249	-	4	128	R.MAKDVEQALLEVIAEFGGMDTEAADEFLSELVER.R	39
PLOG-6394	proteomics_log	2888154	2888240	-	4	4	K.DVEQALLEVIAEFGGM*DTEAADEFLSEL.V	34
PLOG-6395	proteomics_log	2888154	2888240	-	4	18	K.DVEQALLEVIAEFGGMDTEAADEFLSEL.V	33
PLOG-6396	proteomics_log	2888154	2888246	-	4	2	M.AKDVEQALLEVIAEFGGMDTEAADEFLSEL.V	35
PLOG-6397	proteomics_log	2888154	2888249	-	4	2	R.M*AKDVEQALLEVIAEFGGMDTEAADEFLSEL.V	37
PLOG-6398	proteomics_log	2888154	2888249	-	4	5	R.MAKDVEQALLEVIAEFGGM*DTEAADEFLSEL.V	37
PLOG-6399	proteomics_log	2888154	2888249	-	4	2	R.M*AKDVEQALLEVIAEFGGM*DTEAADEFLSEL.V	38
PLOG-6400	proteomics_log	2888154	2888249	-	4	116	R.MAKDVEQALLEVIAEFGGMDTEAADEFLSEL.V	36
PLOG-6401	proteomics_log	2888382	2888408	-	4	13	R.YVKDGLTR.I	13
PLOG-6402	proteomics_log	2888409	2888498	-	4	41	R.AADEAPGKNWLFNGPHFTEDFLYQVEWQR.Y	34
PLOG-6403	proteomics_log	2888517	2888612	-	4	3	R.VFIEHNDNFRLPANPETPVIM*IGPGTGIAPFR.A	37
PLOG-6404	proteomics_log	2888517	2888612	-	4	40	R.VFIEHNDNFRLPANPETPVIMIGPGTGIAPFR.A	36
PLOG-6405	proteomics_log	2888613	2888669	-	4	29	R.AGGASSFLADRVEEEGEVR.V	23
PLOG-6406	proteomics_log	2888613	2888675	-	4	4	R.ARAGGASSFLADRVEEEGEVR.V	25
PLOG-6407	proteomics_log	2888676	2888762	-	4	7	R.LYSIASSQAEVENEHVTVGVVRYDVEGR.A	33
PLOG-6408	proteomics_log	2888763	2888825	-	4	8	R.FSPAQLDAEALINLLRPLTPR.L	25
PLOG-6409	proteomics_log	2888826	2888870	-	4	7	K.LQHYAATPIVDMVR.F	19
PLOG-6410	proteomics_log	2888871	2888909	-	4	8	R.SETLLPLVGDKAK.L	17
PLOG-6411	proteomics_log	2888877	2888909	-	4	7	R.SETLLPLVGDK.A	15
PLOG-6412	proteomics_log	2888910	2888999	-	4	13	K.TLPLNEALQWHFELTVNTANIVENYATLTR.S	34
PLOG-6413	proteomics_log	2889000	2889113	-	4	47	R.YQPGDALGVWYQNDPALVKELVELLWLKGDPEVTVGK.T	42
PLOG-6414	proteomics_log	2889114	2889149	-	4	31	R.HIEIDLGDGSGMR.Y	16
PLOG-6415	proteomics_log	2889150	2889182	-	4	5	K.ITGRNSEKDVR.H	15
PLOG-6416	proteomics_log	2889183	2889221	-	4	12	K.DAPLVASLSVNQK.I	17
PLOG-6417	proteomics_log	2889222	2889296	-	4	13	R.APVAAPSQSVATGAVNEIHTSPYSK.D	29
PLOG-6418	proteomics_log	2889297	2889320	-	4	2	R.VVDALKSR.A	12
PLOG-6419	proteomics_log	2889507	2889590	-	4	2	K.LLIVTSTQGEPEPPEEVALHKFLFSK.K	32
PLOG-6420	proteomics_log	2889522	2889590	-	4	2	K.LLIVTSTQGEPEPPEEVALHK.F	27
PLOG-6421	proteomics_log	2889651	2889689	-	4	4	R.VAEALRDDLLAAK.L	17
PLOG-6422	proteomics_log	2889693	2889722	-	4	10	I.ISASQTGNAR.R	14
PLOG-6423	proteomics_log	2889861	2889917	-	4	158	M.TTQVPPSALLPLNPEQLAR.L	23
PLOG-6424	proteomics_log	2896874	2896963	-	6	4	R.SIGQFSTLYGAIEDM*VVGLEAVLADGTVTR.I	35
PLOG-6425	proteomics_log	2896874	2896963	-	6	11	R.SIGQFSTLYGAIEDMVVGLEAVLADGTVTR.I	34
PLOG-6426	proteomics_log	2896964	2897032	-	6	3	K.GYTTGHSPQSKPLAQM*GGLVATR.S	28
PLOG-6427	proteomics_log	2896964	2897032	-	6	4	K.GYTTGHSPQSKPLAQMGGLVATR.S	27
PLOG-6428	proteomics_log	2897201	2897245	-	6	2	R.VLNF*NAHKINGVPR.T	20
PLOG-6429	proteomics_log	2897201	2897245	-	6	4	R.VLNFMAHKINGVPR.T	19
PLOG-6430	proteomics_log	2897246	2897272	-	6	12	K.LGSTEQVSR.V	13
PLOG-6431	proteomics_log	2897273	2897329	-	6	3	R.KFPDIHGIYTLPIPAAVVK.L	23
PLOG-6432	proteomics_log	2897330	2897425	-	6	3	R.AAIVDQLKEIVGADRVIDETVLKKN SIDRFR.K	36
PLOG-6433	proteomics_log	2897351	2897425	-	6	21	R.AAIVDQLKEIVGADRVIDETVLKKN	29
PLOG-6434	proteomics_log	2897354	2897425	-	6	6	R.AAIVDQLKEIVGADRVIDETVLK.K	28
PLOG-6435	proteomics_log	2897381	2897425	-	6	25	R.AAIVDQLKEIVGADR.V	19

PLOG-6436	proteomics_log	2898122	2898199	-	6	4	Q.AFAMALAKAGANIFIPSFVKDNGETK.E	30
PLOG-6437	proteomics_log	2898176	2898238	-	6	8	K.TAIVTGGNSGLGQAFAMALAK.A	25
PLOG-6438	proteomics_log	2902889	2902948	-	6	23	R.VRDIEALDELLATLTDDKPR.V	24
PLOG-6439	proteomics_log	2904668	2904706	-	6	10	K.APYNGRKEIKGQA.-	17
PLOG-6440	proteomics_log	2904668	2904730	-	6	137	R.IEEALGEKAPYNGRKEIKGQA.-	25
PLOG-6441	proteomics_log	2904668	2904748	-	6	9	K.YNQLIRIEEALGEKAPYNGRKEIKGQA.-	31
PLOG-6442	proteomics_log	2904677	2904730	-	6	23	R.IEEALGEKAPYNGRKEIK.G	22
PLOG-6443	proteomics_log	2904686	2904730	-	6	228	R.IEEALGEKAPYNGR.K.E	19
PLOG-6444	proteomics_log	2904686	2904748	-	6	43	K.YNQLIRIEEALGEKAPYNGR.K.E	25
PLOG-6445	proteomics_log	2904686	2904757	-	6	35	R.VAKYNQLIRIEEALGEKAPYNGR.K.E	28
PLOG-6446	proteomics_log	2904689	2904730	-	6	112	R.IEEALGEKAPYNGR.K	18
PLOG-6447	proteomics_log	2904689	2904748	-	6	2	K.YNQLIRIEEALGEKAPYNGR.K	24
PLOG-6448	proteomics_log	2904695	2904730	-	6	3	R.IEEALGEKAPYN.G	16
PLOG-6449	proteomics_log	2904707	2904727	-	6	3	I.EEALGEK.A	11
PLOG-6450	proteomics_log	2904707	2904730	-	6	49	R.IEEALGEK.A	12
PLOG-6451	proteomics_log	2904731	2904757	-	6	197	R.VAKYNQLIR.I	13
PLOG-6452	proteomics_log	2904731	2904766	-	6	131	R.SDRVAKYNQLIR.I	16
PLOG-6453	proteomics_log	2904758	2904850	-	6	20	R.SGETEDATIADLAVGTAAGQIKTGSMRSR.V	35
PLOG-6454	proteomics_log	2904767	2904811	-	6	2	A.VGTAAGQIKTGMSR.S	19
PLOG-6455	proteomics_log	2904767	2904832	-	6	3	D.ATIADLAVGTAAGQIKTGMSR.S	26
PLOG-6456	proteomics_log	2904767	2904850	-	6	110	R.SGETEDATIADLAVGTAAGQIKTGSM*SR.S	33
PLOG-6457	proteomics_log	2904767	2904850	-	6	396	R.SGETEDATIADLAVGTAAGQIKTGMSR.S	32
PLOG-6458	proteomics_log	2904767	2904883	-	6	2	K.DAGYTAVISHRSGETEDATIADLAVGTAAGQIKTGMSR.S	43
PLOG-6459	proteomics_log	2904767	2904889	-	6	44	M.AKDAGYTAVISHRSGETEDATIADLAVGTAAGQIKTGMSR.S	45
PLOG-6460	proteomics_log	2904785	2904820	-	6	4	A.DLAVGTAAGQIK.T	16
PLOG-6461	proteomics_log	2904785	2904826	-	6	3	T.IADLAVGTAAGQIK.T	18
PLOG-6462	proteomics_log	2904785	2904850	-	6	764	R.SGETEDATIADLAVGTAAGQIK.T	26
PLOG-6463	proteomics_log	2904785	2904853	-	6	2	H.RSGETEDATIADLAVGTAAGQIK.T	27
PLOG-6464	proteomics_log	2904785	2904880	-	6	206	D.AGYTAVISHRSGETEDATIADLAVGTAAGQIK.T	36
PLOG-6465	proteomics_log	2904785	2904883	-	6	22	K.DAGYTAVISHRSGETEDATIADLAVGTAAGQIK.T	37
PLOG-6466	proteomics_log	2904797	2904850	-	6	3	R.SGETEDATIADLAVGTAA.G	22
PLOG-6467	proteomics_log	2904800	2904850	-	6	4	R.SGETEDATIADLAVGTA.A	21
PLOG-6468	proteomics_log	2904803	2904850	-	6	2	R.SGETEDATIADLAVGT.A	20
PLOG-6469	proteomics_log	2904812	2904850	-	6	5	R.SGETEDATIADLA.V	17
PLOG-6470	proteomics_log	2904851	2904877	-	6	4	A.GYTAVISHR.S	13
PLOG-6471	proteomics_log	2904851	2904883	-	6	317	K.DAGYTAVISHR.S	15
PLOG-6472	proteomics_log	2904851	2904889	-	6	7	M.AKDAGYTAVISHR.S	17
PLOG-6473	proteomics_log	2904851	2904892	-	6	8	K.M*AKDAGYTAVISHR.S	19
PLOG-6474	proteomics_log	2904851	2904892	-	6	292	K.MAKDAGYTAVISHR.S	18
PLOG-6475	proteomics_log	2904851	2904937	-	6	2	K.FNQIGSLTETLAAIKMAKDAGYTAVISHR.S	33
PLOG-6476	proteomics_log	2904851	2904964	-	6	3	K.GIANSILIKFNQIGSLTETLAAIKMAKDAGYTAVISHR.S	42
PLOG-6477	proteomics_log	2904854	2904883	-	6	3	K.DAGYTAVISHR	14
PLOG-6478	proteomics_log	2904884	2904937	-	6	104	K.FNQIGSLTETLAAIKMAK.D	22
PLOG-6479	proteomics_log	2904884	2904964	-	6	9	K.GIANSILIKFNQIGSLTETLAAIKM*AK.D	32
PLOG-6480	proteomics_log	2904884	2904964	-	6	179	K.GIANSILIKFNQIGSLTETLAAIKMAK.D	31
PLOG-6481	proteomics_log	2904884	2904979	-	6	8	K.EGIEKGIANSILIKFNQIGSLTETLAAIKMAK.D	36

PLOG-6482	proteomics_log	2904884	2904988	-	6	5	K.ILKEGIEKGIANSILIKFNQIGSLTETLAAIKM*AK.D	40
PLOG-6483	proteomics_log	2904884	2904988	-	6	24	K.ILKEGIEKGIANSILIKFNQIGSLTETLAAIKMAK.D	39
PLOG-6484	proteomics_log	2904893	2904928	-	6	5	Q.IGSLTETLAAIK.M	16
PLOG-6485	proteomics_log	2904893	2904937	-	6	403	K.FNQIGSLTETLAAIK.M	19
PLOG-6486	proteomics_log	2904893	2904940	-	6	2	I.KFNQIGSLTETLAAIK.M	20
PLOG-6487	proteomics_log	2904893	2904964	-	6	809	K.GIANSILIKFNQIGSLTETLAAIK.M	28
PLOG-6488	proteomics_log	2904893	2904979	-	6	113	K.EGIEKGIANSILIKFNQIGSLTETLAAIK.M	33
PLOG-6489	proteomics_log	2904893	2904988	-	6	342	K.ILKEGIEKGIANSILIKFNQIGSLTETLAAIK.M	36
PLOG-6490	proteomics_log	2904893	2904997	-	6	5	T.NTKILKEGIEKGIANSILIKFNQIGSLTETLAAIK.M	39
PLOG-6491	proteomics_log	2904902	2904937	-	6	7	K.FNQIGSLTETLA.A	16
PLOG-6492	proteomics_log	2904902	2904988	-	6	2	K.ILKEGIEKGIANSILIKFNQIGSLTETLA.A	33
PLOG-6493	proteomics_log	2904905	2904937	-	6	8	K.FNQIGSLTETLA.A	15
PLOG-6494	proteomics_log	2904938	2904964	-	6	71	K.GIANSILIK.F	13
PLOG-6495	proteomics_log	2904938	2904979	-	6	38	K.EGIEKGIANSILIK.F	18
PLOG-6496	proteomics_log	2904938	2904988	-	6	191	K.ILKEGIEKGIANSILIK.F	21
PLOG-6497	proteomics_log	2904938	2905045	-	6	58	K.VLGDKIQLVGDDLFVTNTKILKEGIEKGIANSILIK.F	40
PLOG-6498	proteomics_log	2904965	2904988	-	6	219	K.ILKEGIEK.G	12
PLOG-6499	proteomics_log	2904965	2905045	-	6	191	K.VLGDKIQLVGDDLFVTNTKILKEGIEK.G	31
PLOG-6500	proteomics_log	2904980	2905045	-	6	86	K.VLGDKIQLVGDDLFVTNTKILK.E	26
PLOG-6501	proteomics_log	2904989	2905021	-	6	5	L.VGDDLFVTNTK.I	15
PLOG-6502	proteomics_log	2904989	2905024	-	6	23	Q.LVGDDLFVTNTK.I	16
PLOG-6503	proteomics_log	2904989	2905030	-	6	261	K.IQLVGDDLFVTNTK.I	18
PLOG-6504	proteomics_log	2904989	2905039	-	6	16	L.GDKIQLVGDDLFVTNTK.I	21
PLOG-6505	proteomics_log	2904989	2905042	-	6	6	V.LGDKIQLVGDDLFVTNTK.I	22
PLOG-6506	proteomics_log	2904989	2905045	-	6	778	K.VLGDKIQLVGDDLFVTNTK.I	23
PLOG-6507	proteomics_log	2905001	2905030	-	6	3	K.IQLVGDDLFV.T	14
PLOG-6508	proteomics_log	2905001	2905045	-	6	150	K.VLGDKIQLVGDDLFV.T	19
PLOG-6509	proteomics_log	2905046	2905099	-	6	8	S.IEDGLDESDDWGFAYQTK.V	22
PLOG-6510	proteomics_log	2905046	2905117	-	6	67	K.QYPIVSIEDGLDESDDWGFAYQTK.V	28
PLOG-6511	proteomics_log	2905046	2905165	-	6	313	K.AFTSEEFTHFLEELTKQYPIVSIEDGLDESDDWGFAYQTK.V	44
PLOG-6512	proteomics_log	2905058	2905165	-	6	20	K.AFTSEEFTHFLEELTKQYPIVSIEDGLDESDDWGFAYQTK.V	40
PLOG-6513	proteomics_log	2905118	2905156	-	6	2	T.SEEFTHFLEELTK.Q	17
PLOG-6514	proteomics_log	2905118	2905159	-	6	20	F.TSEEFTHFLEELTK.Q	18
PLOG-6515	proteomics_log	2905118	2905162	-	6	46	A.FTSEEFTHFLEELTK.Q	19
PLOG-6516	proteomics_log	2905118	2905165	-	6	351	K.AFTSEEFTHFLEELTK.Q	20
PLOG-6517	proteomics_log	2905118	2905192	-	6	14	K.YVLAGEGNKFTSEEFTHFLEELTK.Q	29
PLOG-6518	proteomics_log	2905130	2905165	-	6	7	K.AFTSEEFTHFLE.E	16
PLOG-6519	proteomics_log	2905166	2905192	-	6	121	K.YVLAGEGNK.A	13
PLOG-6520	proteomics_log	2905166	2905201	-	6	19	K.DGKYVLAGEGNK.A	16
PLOG-6521	proteomics_log	2905166	2905270	-	6	13	K.AAGYELGKDITLAMDCASEFYKDGKYVLAGEGNK.A	39
PLOG-6522	proteomics_log	2905193	2905270	-	6	8	K.AAGYELGKDITLAMDCASEFYKDGK.Y	30
PLOG-6523	proteomics_log	2905226	2905363	-	6	52	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVKAAGYELGKDITLAMDC	50
PLOG-6524	proteomics_log	2905235	2905363	-	6	9	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVKAAGYELGKDITLAMDC	47
PLOG-6525	proteomics_log	2905247	2905363	-	6	7	K.GM*NTAVGDEGGYAPNLGSNAEALAVIAEAVKAAGYELGK.D	44
PLOG-6526	proteomics_log	2905247	2905363	-	6	39	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVKAAGYELGK.D	43
PLOG-6527	proteomics_log	2905262	2905363	-	6	3	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVKAAG.Y	38

PLOG-6528	proteomics_log	2905271	2905339	-	6	2	D.EGGYAPNLGSNAEALAVIAEAVK.A	27
PLOG-6529	proteomics_log	2905271	2905351	-	6	11	T.AVGDEGGYAPNLGSNAEALAVIAEAVK.A	31
PLOG-6530	proteomics_log	2905271	2905363	-	6	183	K.GM*NTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	36
PLOG-6531	proteomics_log	2905271	2905363	-	6	410	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	35
PLOG-6532	proteomics_log	2905271	2905369	-	6	20	K.AKGM*NTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	38
PLOG-6533	proteomics_log	2905271	2905369	-	6	249	K.AKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	37
PLOG-6534	proteomics_log	2905271	2905378	-	6	7	K.VLKAKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	40
PLOG-6535	proteomics_log	2905271	2905402	-	6	2	S.EVFHHLAKVLKAKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	48
PLOG-6536	proteomics_log	2905280	2905363	-	6	5	K.GMNTAVGDEGGYAPNLGSNAEALAVIAE.A	32
PLOG-6537	proteomics_log	2905298	2905363	-	6	2	K.GM*NTAVGDEGGYAPNLGSNAE.A.L	27
PLOG-6538	proteomics_log	2905364	2905411	-	6	29	R.MGSEVFHHLAKVLKAK.G	20
PLOG-6539	proteomics_log	2905364	2905432	-	6	5	K.TVKEAIRMGSEVFHHLAKVLKAK.G	27
PLOG-6540	proteomics_log	2905370	2905411	-	6	2	R.MGSEVFHHLAKVLK.A	18
PLOG-6541	proteomics_log	2905379	2905405	-	6	2	G.SEVFHHLAK.V	13
PLOG-6542	proteomics_log	2905379	2905408	-	6	11	M.GSEVFHHLAK.V	14
PLOG-6543	proteomics_log	2905379	2905411	-	6	165	R.M*GSEVFHHLAK.V	16
PLOG-6544	proteomics_log	2905379	2905411	-	6	344	R.MGSEVFHHLAK.V	15
PLOG-6545	proteomics_log	2905379	2905423	-	6	3	K.EAIRM*GSEVFHHLAK.V	20
PLOG-6546	proteomics_log	2905379	2905423	-	6	54	K.EAIRMGSEVFHHLAK.V	19
PLOG-6547	proteomics_log	2905379	2905432	-	6	3	K.TVKEAIRM*GSEVFHHLAK.V	23
PLOG-6548	proteomics_log	2905379	2905432	-	6	113	K.TVKEAIRMGSEVFHHLAK.V	22
PLOG-6549	proteomics_log	2905433	2905480	-	6	4	D.NNVDIQEFMIQPVGAK.T	20
PLOG-6550	proteomics_log	2905433	2905507	-	6	43	N.IINGGEHADNNVDIQEFMIQPVGAK.T	29
PLOG-6551	proteomics_log	2905433	2905510	-	6	5	M.NIINGGEHADNNVDIQEFMIQPVGAK.T	30
PLOG-6552	proteomics_log	2905433	2905516	-	6	3	P.MMNIINGGEHADNNVDIQEFMIQPVGAK.T	32
PLOG-6553	proteomics_log	2905433	2905528	-	6	5	S.MPVPMNIINGGEHADNNVDIQEFMIQPVGAK.T	36
PLOG-6554	proteomics_log	2905433	2905531	-	6	8	Y.SMPVPMNIINGGEHADNNVDIQEFMIQPVGAK.T	37
PLOG-6555	proteomics_log	2905433	2905534	-	6	160	K.YSMPVPMNIINGGEHADNNVDIQEFMIQPVGAK.T	38
PLOG-6556	proteomics_log	2905508	2905585	-	6	2	K.GMPLYEHIAELNGTPGKYSMPVPMN.I	30
PLOG-6557	proteomics_log	2905535	2905585	-	6	43	K.GMPLYEHIAELNGTPGK.Y	21
PLOG-6558	proteomics_log	2905586	2905648	-	6	171	K.FGANAILAVSLANAKAAAAA.G	25
PLOG-6559	proteomics_log	2905586	2905654	-	6	22	K.SKFGANAILAVSLANAKAAAAA.G	27
PLOG-6560	proteomics_log	2905604	2905648	-	6	835	K.FGANAILAVSLANAK.A	19
PLOG-6561	proteomics_log	2905604	2905654	-	6	232	K.SKFGANAILAVSLANAK.A	21
PLOG-6562	proteomics_log	2905604	2905687	-	6	45	K.IMIDLDGTENKSKFGANAILAVSLANAK.A	32
PLOG-6563	proteomics_log	2905604	2905708	-	6	4	K.DQAGIDKIMIDLDGTENKSKFGANAILAVSLANAK.A	39
PLOG-6564	proteomics_log	2905649	2905687	-	6	3	K.IM*IDLDGTENKSK.F	18
PLOG-6565	proteomics_log	2905649	2905687	-	6	69	K.IMIDLDGTENKSK.F	17
PLOG-6566	proteomics_log	2905649	2905708	-	6	116	K.DQAGIDKIMIDLDGTENKSK.F	24
PLOG-6567	proteomics_log	2905649	2905717	-	6	18	K.DAKDQAGIDKIMIDLDGTENKSK.F	27
PLOG-6568	proteomics_log	2905649	2905765	-	6	5	K.AVAAVNGPIAQALIGKDAKDQAGIDKIM*IDLDGTENKSK.F	44
PLOG-6569	proteomics_log	2905649	2905765	-	6	64	K.AVAAVNGPIAQALIGKDAKDQAGIDKIMIDLDGTENKSK.F	43
PLOG-6570	proteomics_log	2905649	2905789	-	6	3	R.FLGKGVTKAVALAVNGPIAQALIGKDAKDQAGIDKIM*IDLDGTENKSK.F	52
PLOG-6571	proteomics_log	2905649	2905789	-	6	3	R.FLGKGVTKAVALAVNGPIAQALIGKDAKDQAGIDKIMIDLDGTENKSK.F	51
PLOG-6572	proteomics_log	2905655	2905687	-	6	3	K.IM*IDLDGTENK.S	16
PLOG-6573	proteomics_log	2905655	2905687	-	6	20	K.IMIDLDGTENK.S	15

PLOG-6574	proteomics_log	2905655	2905708	-	6	75	K.DQAGIDKIMIDLDGTENK.S	22
PLOG-6575	proteomics_log	2905655	2905717	-	6	17	K.DAKDQAGIDKIMIDLDGTENK.S	25
PLOG-6576	proteomics_log	2905655	2905765	-	6	47	K.AVAAVNGPIAQALIGKDAKDQAGIDKIMIDLDGTENK.S	41
PLOG-6577	proteomics_log	2905688	2905708	-	6	3	K.DQAGIDK.I	11
PLOG-6578	proteomics_log	2905688	2905717	-	6	7	K.DAKDQAGIDK.I	14
PLOG-6579	proteomics_log	2905688	2905726	-	6	4	L.IGKDAKDQAGIDK.I	17
PLOG-6580	proteomics_log	2905688	2905765	-	6	18	K.AVAAVNGPIAQALIGKDAKDQAGIDK.I	30
PLOG-6581	proteomics_log	2905688	2905789	-	6	3	R.FLGKGVTKAVAAVNGPIAQALIGKDAKDQAGIDK.I	38
PLOG-6582	proteomics_log	2905709	2905765	-	6	140	K.AVAAVNGPIAQALIGKDAK.D	23
PLOG-6583	proteomics_log	2905709	2905789	-	6	4	R.FLGKGVTKAVAAVNGPIAQALIGKDAK.D	31
PLOG-6584	proteomics_log	2905718	2905765	-	6	105	K.AVAAVNGPIAQALIGK.D	20
PLOG-6585	proteomics_log	2905766	2905789	-	6	12	R.FLGKGVTK.A	12
PLOG-6586	proteomics_log	2905766	2905807	-	6	8	R.DGDKSRFLGKGVTK.A	18
PLOG-6587	proteomics_log	2905766	2905825	-	6	9	R.EALELRDGDKSRFLGKGVTK.A	24
PLOG-6588	proteomics_log	2905778	2905825	-	6	15	R.EALELRDGDKSRFLGK.G	20
PLOG-6589	proteomics_log	2905790	2905825	-	6	26	R.EALELRDGDKSR.F	16
PLOG-6590	proteomics_log	2905796	2905825	-	6	69	R.EALELRDGDK.S	14
PLOG-6591	proteomics_log	2905826	2905861	-	6	2	M.AAAPSGASTGSR.E	16
PLOG-6592	proteomics_log	2905826	2905870	-	6	2	F.VGMAAAPSGASTGSR.E	19
PLOG-6593	proteomics_log	2905826	2905870	-	6	2	F.VGM*AAAPSGASTGSR.E	20
PLOG-6594	proteomics_log	2905826	2905915	-	6	28	R.GNPTVEAEVHLEGGFVGM*AAAPSGASTGSR.E	35
PLOG-6595	proteomics_log	2905826	2905915	-	6	168	R.GNPTVEAEVHLEGGFVGM*AAAPSGASTGSR.E	34
PLOG-6596	proteomics_log	2905826	2905933	-	6	16	R.EIIDSRGNPTVEAEVHLEGGFVGM*AAAPSGASTGSR.E	40
PLOG-6597	proteomics_log	2905826	2905945	-	6	4	K.IIGREIIDSRGNPTVEAEVHLEGGFVGM*AAAPSGASTGSR.E	44
PLOG-6598	proteomics_log	2905916	2905945	-	6	19	K.IIGREIIDSR.G	14
PLOG-6599	proteomics_log	2905916	2905960	-	6	35	M.SKIVKIIGREIIDSR.G	19
PLOG-6600	proteomics_log	2905934	2905960	-	6	41	M.SKIVKIIGR.E	13
PLOG-6601	proteomics_log	2906054	2906086	-	6	2	K.AASEFQKRQAK.-	15
PLOG-6602	proteomics_log	2906063	2906086	-	6	2	K.AASEFQKR.Q	12
PLOG-6603	proteomics_log	2906087	2906119	-	6	61	R.DGHPLFAGFVK.A	15
PLOG-6604	proteomics_log	2906252	2906284	-	6	5	R.HRYEVNNM*LLK.Q	16
PLOG-6605	proteomics_log	2906252	2906284	-	6	6	R.HRYEVNNMLLK.Q	15
PLOG-6606	proteomics_log	2906291	2906323	-	6	61	R.QLYNAPTIVER.H	15
PLOG-6607	proteomics_log	2906324	2906368	-	6	9	R.LGAQQCQLVDDSLVR.Q	19
PLOG-6608	proteomics_log	2906369	2906401	-	6	14	R.SEKSDLGGTM*R.L	16
PLOG-6609	proteomics_log	2906369	2906401	-	6	119	R.SEKSDLGGTMR.L	15
PLOG-6610	proteomics_log	2906402	2906428	-	6	3	R.DENGNVEVR.S	13
PLOG-6611	proteomics_log	2906591	2906620	-	6	25	R.GVEGMITTAR.F	14
PLOG-6612	proteomics_log	2906591	2906680	-	6	22	R.GVEILKGLDAILVPGGFGYRGVEGMITTAR.F	34
PLOG-6613	proteomics_log	2906621	2906662	-	6	13	K.GLDAILVPGGFGYR.G	18
PLOG-6614	proteomics_log	2906621	2906680	-	6	24	R.GVEILKGLDAILVPGGFGYR.G	24
PLOG-6615	proteomics_log	2906621	2906710	-	6	6	K.LIDSQDVETR.GVEILKGLDAILVPGGFGYR.G	34
PLOG-6616	proteomics_log	2906681	2906710	-	6	46	K.LIDSQDVETR.G	14
PLOG-6617	proteomics_log	2906735	2906797	-	6	18	K.YIELPDAYKSVIEALKHGGLK.N	25
PLOG-6618	proteomics_log	2906900	2906932	-	6	2	K.SQGLDDYICKR.F	15
PLOG-6619	proteomics_log	2906933	2906989	-	6	31	K.AVISLKDVDSIYKIPGLLK.S	23

PLOG-6620	proteomics_log	2907026	2907055	-	6	2	R.SDRAVPANER.A	14
PLOG-6621	proteomics_log	2907056	2907127	-	6	2	K.TKPTQHSVKELLSIGIQPDILICR.S	28
PLOG-6622	proteomics_log	2907128	2907214	-	6	21	R.QMAVEIGREHTLFMHLTLVPYMAASGEVK.T	33
PLOG-6623	proteomics_log	2907215	2907310	-	6	32	R.VLEGGEHGDVVLVEIGGTVDIESLPFLEAIR.Q	36
PLOG-6624	proteomics_log	2907311	2907376	-	6	194	R.RGDYLGATVQVIPHITNAIKER.V	26
PLOG-6625	proteomics_log	2907407	2907430	-	6	48	R.RNNFTTGR.I	12
PLOG-6626	proteomics_log	2907593	2907634	-	6	158	K.GIAAASLAAILEAR.G	18
PLOG-6627	proteomics_log	2907635	2907685	-	6	57	M.TTNYIFVTGGVVSSLGK.G	21
PLOG-6628	proteomics_log	2907635	2907688	-	6	16	S.MTTNYIFVTGGVVSSLGK.G	22
PLOG-6629	proteomics_log	2908090	2908164	-	5	10	R.QAVVDQAKLEEEMGDLLFATVNLAR.H	29
PLOG-6630	proteomics_log	2913609	2913638	-	4	2	I.QNSIITLEIK.I	14
PLOG-6631	proteomics_log	2915401	2915451	-	5	3	R.GNTAARLVAQQQIM*QSL.F	22
PLOG-6632	proteomics_log	2917860	2917931	-	4	2	R.ATGLPVATNM*IATNWREM*GHAVM*L.N	31
PLOG-6633	proteomics_log	2921027	2921071	-	6	2	R.VEFSAPSGQDGEISS.-	19
PLOG-6634	proteomics_log	2921809	2921865	-	5	3	R.ALILAELEKLDALFADDAS.-	23
PLOG-6635	proteomics_log	2926673	2926714	-	6	2	K.RTM*VIPTIRISDR.I	19
PLOG-6636	proteomics_log	2930991	2931023	-	4	2	R.MILNETAWFGR.G	15
PLOG-6637	proteomics_log	2931413	2931499	-	6	3	P.QANGVSIWQPIKADRMPTRLFTIM*PFIAR.Q	34
PLOG-6638	proteomics_log	2938369	2938401	-	5	3	L.M*AQWLVNGWCR.E	16
PLOG-6639	proteomics_log	2939717	2939764	-	6	3	Q.AELGKIAAFRQWILAK.A	20
PLOG-6640	proteomics_log	2940335	2940415	-	6	2	R.SLLLTEEGQSYFLDIKEIFSQLTEATR.K	31
PLOG-6641	proteomics_log	2943352	2943432	-	5	11	R.NKIPLVTTGGAGGQIDPTQIQVTDLAK.T	31
PLOG-6642	proteomics_log	2943352	2943435	-	5	2	R.RNKIPLVTTGGAGGQIDPTQIQVTDLAK.T	32
PLOG-6643	proteomics_log	2943460	2943561	-	5	26	R.VTVVDDFVTPDNVAQYMSVGYSYVIDAIDSVRPK.A	38
PLOG-6644	proteomics_log	2944106	2944138	-	6	2	K.TAPGAGNVFSG.-	15
PLOG-6645	proteomics_log	2944934	2944984	-	6	3	R.LYGNQSNVYNAVQEWL.R.A	21
PLOG-6646	proteomics_log	2954497	2954601	-	5	13	M.NTPAQPIALCWGRSRSRGSTISCVPKNNWAM*PCLR.F	40
PLOG-6647	proteomics_log	2956763	2956792	-	6	2	D.KDNRQYQAIR.L	14
PLOG-6648	proteomics_log	2956771	2956821	-	5	2	S.RFRKPSVKVIKITASIR.L	21
PLOG-6649	proteomics_log	2963115	2963147	-	4	11	K.VLDEGTQKNDR.T	15
PLOG-6650	proteomics_log	2964627	2964683	-	4	2	R.IGIMLEVPSMVFMPLHLAK.R	23
PLOG-6651	proteomics_log	2965236	2965310	-	4	4	R.TLIVDGYRGELLVDPEPVLQEQYQR.L	29
PLOG-6652	proteomics_log	2965698	2965769	-	4	3	R.FAAGAQQETAIFDLYSHLLSDTR.L	28
PLOG-6653	proteomics_log	2970886	2970933	-	5	2	V.M*GGFFVPLNALLQER.G	21
PLOG-6654	proteomics_log	2976772	2976810	-	5	2	R.RQIAALKQFDVVR.F	17
PLOG-6655	proteomics_log	2976865	2976918	-	5	2	M.PHSLFSTDTDLTAENLLR.L	22
PLOG-6656	proteomics_log	2981157	2981240	-	4	2	R.SSLVVILDWVRGWRWGWRKRAVTLALT.S	32
PLOG-6657	proteomics_log	2982511	2982546	-	5	8	R.ILVSLVHEMVKR.N	16
PLOG-6658	proteomics_log	2983117	2983227	-	5	4	R.TGAQLGNSQLVDSLVDGLWDAFNHYHIGVTAENLAR.E	41
PLOG-6659	proteomics_log	2983414	2983494	-	5	10	R.TGVPAYAVDEVILGQVLTAGAGQNP.R.Q	31
PLOG-6660	proteomics_log	3001110	3001151	-	4	20	W.RKMKGDEDFVM*LKR.H	19
PLOG-6661	proteomics_log	3009075	3009125	-	4	3	S.GVIRPVITPLENSNMR.F	21
PLOG-6662	proteomics_log	3011236	3011292	-	5	4	E.GVTARLATSSAEAMKLTER.G	23
PLOG-6663	proteomics_log	3012169	3012219	-	5	2	N.CPFAMAQIVDSRGSTPR.H	21
PLOG-6664	proteomics_log	3012624	3012701	-	4	2	R.GMPLKAPDEHEPCIPKSSCCVIAVMG.G	30
PLOG-6665	proteomics_log	3015195	3015254	-	4	3	R.FQQVGCHSNRANTCIKNIAD.S	24

PLOG-6666	proteomics_log	3018113	3018187	-	6	3	Q.RTTRIAMFKEGKFHLFKHVRTNAVR.S	29
PLOG-6667	proteomics_log	3031306	3031362	-	5	2	R.NFHAKLITATADHCVFVAF.S	23
PLOG-6668	proteomics_log	3031682	3031753	-	6	5	R.M*VM*LFTNSHTIRDVILFPAM*RPVK.-	31
PLOG-6669	proteomics_log	3031682	3031753	-	6	41	R.MVMLFTNSHTIRDVILFPAMRPVK.-	28
PLOG-6670	proteomics_log	3031754	3031855	-	6	10	K.DAGDDEAMFYDEYVTALEHGLPPTAGLGIGIDR.M	38
PLOG-6671	proteomics_log	3031754	3031879	-	6	2	R.FLDQVAAKDAGDDEAM*FYDEYVTALEHGLPPTAGLGIGIDR.M	47
PLOG-6672	proteomics_log	3031856	3031879	-	6	18	R.FLDQVAAK.D	12
PLOG-6673	proteomics_log	3031856	3031933	-	6	7	R.EIGNGFSELNDAEDQAQRFLDQVAAK.D	30
PLOG-6674	proteomics_log	3031880	3031933	-	6	22	R.EIGNGFSELNDAEDQAQR.F	22
PLOG-6675	proteomics_log	3031934	3031990	-	6	29	R.RNDVNPEITDRFEFFIGGR.E	23
PLOG-6676	proteomics_log	3031934	3031990	-	6	29	R.RNDVNPEITDRFEFFIGGR.E	23
PLOG-6677	proteomics_log	3031991	3032086	-	6	135	R.IVTEIFEEVAEAEHLIQPTFITEYPAEVSPLAR.R	36
PLOG-6678	proteomics_log	3032105	3032140	-	6	3	K.AIAESIGHVEK.S	16
PLOG-6679	proteomics_log	3032141	3032191	-	6	12	K.YRPETDMADLDFNDSAK.A	21
PLOG-6680	proteomics_log	3032207	3032299	-	6	5	R.TLAQDILGKTEVTYGDVTLDFGKPFKLTMR.E	35
PLOG-6681	proteomics_log	3032219	3032272	-	6	2	K.TEVTYGDVTLDFGKPFK.L	22
PLOG-6682	proteomics_log	3032219	3032299	-	6	62	R.TLAQDILGKTEVTYGDVTLDFGKPFK.L	31
PLOG-6683	proteomics_log	3032300	3032386	-	6	2	R.HNPEFTMMELYM*AYADYKDIELTESLFR.T	34
PLOG-6684	proteomics_log	3032300	3032386	-	6	50	R.HNPEFTMMELYMAYADYKDIELTESLFR.T	33
PLOG-6685	proteomics_log	3032435	3032461	-	6	11	K.RLVVGGFER.V	13
PLOG-6686	proteomics_log	3032435	3032461	-	6	11	K.RLVVGGFER.V	13
PLOG-6687	proteomics_log	3032459	3032485	-	6	6	R.IAPELYLKR.L	13
PLOG-6688	proteomics_log	3032459	3032485	-	6	6	R.IAPELYLKR.L	13
PLOG-6689	proteomics_log	3032486	3032533	-	6	5	R.PFITHHNALDLDMYLR.I	20
PLOG-6690	proteomics_log	3032486	3032533	-	6	5	R.PFITHHNALDLDMYLR.I	20
PLOG-6691	proteomics_log	3032486	3032593	-	6	8	R.GFMEVETPMMQVIPGAAARPFIHNNALDLDMYLR.I	40
PLOG-6692	proteomics_log	3032534	3032593	-	6	2	R.GFMEVETPMMQVIPGAAAR.P	24
PLOG-6693	proteomics_log	3032594	3032635	-	6	3	R.SQILSGIRQFMVNR.G	18
PLOG-6694	proteomics_log	3032636	3032686	-	6	2	R.YLDLISNDESRNTFKVR.S	21
PLOG-6695	proteomics_log	3032654	3032686	-	6	14	R.YLDLISNDESR.N	15
PLOG-6696	proteomics_log	3032699	3032752	-	6	86	K.ALRLPLDKFHGLQDQEAR.Y	22
PLOG-6697	proteomics_log	3032699	3032764	-	6	6	R.LLTKALRPLDKFHGLQDQEAR.Y	26
PLOG-6698	proteomics_log	3032822	3032851	-	6	10	K.WDLGDILGAK.G	14
PLOG-6699	proteomics_log	3032822	3032914	-	6	3	R.IQLYVARDDLPEGVYNEQFKKWDLGDILGAK.G	35
PLOG-6700	proteomics_log	3032852	3032914	-	6	2	R.IQLYVARDDLPEGVYNEQFKK.W	25
PLOG-6701	proteomics_log	3032915	3032950	-	6	91	K.ASFVTLQDVGGGR.I	16
PLOG-6702	proteomics_log	3032915	3032950	-	6	91	K.ASFVTLQDVGGGR.I	16
PLOG-6703	proteomics_log	3032978	3033070	-	6	2	R.DHTSDQLHAEDGKENELEALNIEVAVAGR.M	35
PLOG-6704	proteomics_log	3033071	3033121	-	6	15	K.LANLREQGIAFPNDFRR.D	21
PLOG-6705	proteomics_log	3033071	3033127	-	6	5	R.EKLANLREQGIAFPNDFRR.D	23
PLOG-6706	proteomics_log	3033128	3033193	-	6	2	M.SEQHAQGADAVVDLNNELKTRR.E	26
PLOG-6707	proteomics_log	3033131	3033193	-	6	39	M.SEQHAQGADAVVDLNNELKTRR.R	25
PLOG-6708	proteomics_log	3033137	3033193	-	6	3	M.SEQHAQGADAVVDLNNELK.T	23
PLOG-6709	proteomics_log	3033209	3033274	-	6	127	R.NTQAVLDGSLDQFIEASLKAGL.-	26
PLOG-6710	proteomics_log	3033209	3033292	-	6	4	R.TGVETRNTQAVLDGSLDQFIEASLKAGL.-	32
PLOG-6711	proteomics_log	3033218	3033274	-	6	55	R.NTQAVLDGSLDQFIEASLK.A	23

PLOG-6712	proteomics_log	3033332	3033394	-	6	21	K.NAEKQAMEDNKSIDIGWGSQIR.S	25
PLOG-6713	proteomics_log	3033395	3033427	-	6	9	K.AKLYELEMQKK.N	15
PLOG-6714	proteomics_log	3033584	3033664	-	6	59	R.HTSFSSAFVYPEVDDDDIDIEINPADLR.I	31
PLOG-6715	proteomics_log	3033584	3033667	-	6	5	R.RHTSFSSAFVYPEVDDDDIDIEINPADLR.I	32
PLOG-6716	proteomics_log	3033584	3033694	-	6	2	R.KSPFDSGRRHTSFSSAFVYPEVDDDDIDIEINPADLR.I	41
PLOG-6717	proteomics_log	3033725	3033757	-	6	13	K.ISGDYAYGWLR.T	15
PLOG-6718	proteomics_log	3033758	3033826	-	6	28	R.GFKTEIIEESEGEVAGIKSVTIK.I	27
PLOG-6719	proteomics_log	3033773	3033826	-	6	5	R.GFKTEIIEESEGEVAGIK.S	22
PLOG-6720	proteomics_log	3033956	3034081	-	6	9	K.QGLEDVSGLLELAVEADDEETFNEAVAELDALEEKLAQLEFR.R	46
PLOG-6721	proteomics_log	3033977	3034081	-	6	14	K.QGLEDVSGLLELAVEADDEETFNEAVAELDALEEK.L	39
PLOG-6722	proteomics_log	3034082	3034123	-	6	17	R.SSLEAVVDTLDQMK.Q	18
PLOG-6723	proteomics_log	3034124	3034204	-	6	5	R.LEEVNAELEQPDVWNEPERAALGKER.S	31
PLOG-6724	proteomics_log	3034671	3034784	-	4	3	R.FGELVTEWLDPSLLQGEVSDGPLSPAEMTMEVAQLLR.D	42
PLOG-6725	proteomics_log	3035394	3035483	-	4	2	R.NIAIPNLAELLDLVALGTVADVPLDANNR.I	34
PLOG-6726	proteomics_log	3036701	3036739	-	6	3	K.SSDIQPAPVAGM*K.T	18
PLOG-6727	proteomics_log	3036701	3036739	-	6	20	K.SSDIQPAPVAGMK.T	17
PLOG-6728	proteomics_log	3036701	3036751	-	6	4	K.MGIKSSDIQPAPVAGMK.T	21
PLOG-6729	proteomics_log	3036752	3036784	-	6	77	A.DDAIQQTAK.M	15
PLOG-6730	proteomics_log	3038970	3039038	-	4	4	R.ELDISIMPFFEHEYDSLSDDEKR.I	27
PLOG-6731	proteomics_log	3043183	3043281	-	5	2	R.GGQAEVAQAIVWLLSDKASYVTGSFIDLGGK.-	37
PLOG-6732	proteomics_log	3044232	3044258	-	4	3	K.RLDDVYGDR.N	13
PLOG-6733	proteomics_log	3044259	3044312	-	4	3	R.EVAVFPAGVADKYWPTVK.R	22
PLOG-6734	proteomics_log	3044313	3044405	-	4	9	K.AGVWPLEDNPLVNAPHIQSELVAEWAHPYSR.E	35
PLOG-6735	proteomics_log	3044679	3044723	-	4	9	K.ASQVAILNANYIASR.L	19
PLOG-6736	proteomics_log	3044679	3044750	-	4	20	R.MMGAEGLKKASQVAILNANYIASR.L	28
PLOG-6737	proteomics_log	3044751	3044819	-	4	40	R.QGAVSAAPFGSASILPISWMYIR.M	27
PLOG-6738	proteomics_log	3044820	3044882	-	4	39	K.AHLAPFVPGHSVQIEGMLTR.Q	25
PLOG-6739	proteomics_log	3045594	3045680	-	4	4	R.SIQPAMLRDDEILTHPVFNRYHSEMMR.Y	33
PLOG-6740	proteomics_log	3045621	3045680	-	4	13	R.SIQPAMLRDDEILTHPVFNRY.Y	24
PLOG-6741	proteomics_log	3045681	3045773	-	4	2	R.ENVMQLFNVLGDNHGLDIDTLDKDVAHDSR.S	35
PLOG-6742	proteomics_log	3045774	3045824	-	4	3	R.SDILNAVGITLDETTTR.E	21
PLOG-6743	proteomics_log	3045930	3045965	-	4	2	R.LTDILAAGLQQK.G	16
PLOG-6744	proteomics_log	3045930	3045974	-	4	2	R.IHRLTDILAAGLQQK.G	19
PLOG-6745	proteomics_log	3045930	3045986	-	4	2	R.IANRIHRLTDILAAGLQQK.G	23
PLOG-6746	proteomics_log	3046119	3046145	-	4	2	K.DAAGNTALR.M	13
PLOG-6747	proteomics_log	3046119	3046163	-	4	71	R.IIGVSKDAAGNTALR.M	19
PLOG-6748	proteomics_log	3046119	3046178	-	4	20	R.SMPGRIIGVSKDAAGNTALR.M	24
PLOG-6749	proteomics_log	3046248	3046346	-	4	3	R.KIVVVAADIMALVLLTAPGKQGADIVFGSAQR.F	37
PLOG-6750	proteomics_log	3046500	3046559	-	4	3	K.NANRFFVASDVHPQTLDVVR.T	24
PLOG-6751	proteomics_log	3046500	3046565	-	4	2	K.LKNANRFFVASDVHPQTLDVVR.T	26
PLOG-6752	proteomics_log	3046578	3046694	-	4	2	R.LEALLNFQVTLDTGLDMASASLLDEATAAAEAMAMAK.R	43
PLOG-6753	proteomics_log	3046764	3046823	-	4	15	R.FTSYIGMPTYAVQLPPVILR.N	24
PLOG-6754	proteomics_log	3046848	3046919	-	4	26	K.DIQLATPPQVGAPATEYAALAELK.A	28
PLOG-6755	proteomics_log	3046920	3047012	-	4	25	R.HIGPDAAQQEMLNAVGAQSLNALTGQIVPK.D	35
PLOG-6756	proteomics_log	3047013	3047060	-	4	96	M.TQTLSQLENSGAFIER.H	20
PLOG-6757	proteomics_log	3047013	3047063	-	4	6	L.MTQTLSQLENSGAFIER.H	21

PLOG-6758	proteomics_log	3047185	3047253	-	5	41	K.ASESELESLLDATAYEALLEDE.-	27
PLOG-6759	proteomics_log	3047185	3047259	-	5	28	K.IKASESELESLLDATAYEALLEDE.-	29
PLOG-6760	proteomics_log	3047616	3047654	-	4	27	R.EMPVKVTKPVFVR.N	17
PLOG-6761	proteomics_log	3047616	3047660	-	4	2	R.NREMPVKVTKPVFVR.N	19
PLOG-6762	proteomics_log	3047661	3047702	-	4	45	R.VPEGIGETAIVQIR.N	18
PLOG-6763	proteomics_log	3047703	3047792	-	4	3	R.FTDAQGNQHEGIITSGTFSPTLGYSIAR.V	34
PLOG-6764	proteomics_log	3047703	3047822	-	4	3	K.GVLRNELPVRFTDAQGNQHEGIITSGTFSPTLGYSIAR.V	44
PLOG-6765	proteomics_log	3047793	3047822	-	4	3	K.GVLRNELPVR.F	14
PLOG-6766	proteomics_log	3047823	3047849	-	4	19	K.LVGLVMTEK.G	13
PLOG-6767	proteomics_log	3047823	3047888	-	4	2	R.EALEVQREHGTEKLVGLVMTEK.G	26
PLOG-6768	proteomics_log	3047850	3047888	-	4	2	R.EALEVQREHGTEK.L	17
PLOG-6769	proteomics_log	3048195	3048224	-	4	42	K.AATLFNDAQR.Q	14
PLOG-6770	proteomics_log	3048336	3048443	-	4	2	K.ALYSGMLNASGGVIDDLIVYYFTEDFFRLVNSATR.E	40
PLOG-6771	proteomics_log	3048360	3048443	-	4	56	K.ALYSGMLNASGGVIDDLIVYYFTEDFFR.L	32
PLOG-6772	proteomics_log	3048453	3048488	-	4	114	R.YLLANDVAKLTK.S	16
PLOG-6773	proteomics_log	3048516	3048566	-	4	11	R.TDAGMFDVSHMTIVDLR.G	21
PLOG-6774	proteomics_log	3048567	3048638	-	4	14	R.MVDFHGWMMPLHYGSQIDEHHAVER.T	28
PLOG-6775	proteomics_log	3050233	3050256	-	5	7	T.RCRTGAAR.T	12
PLOG-6776	proteomics_log	3051648	3051743	-	4	4	R.ILEPGMVLTVEPGLYIAPDAEVPEQYRIGIR.I	36
PLOG-6777	proteomics_log	3051663	3051743	-	4	4	R.ILEPGM*VLTVEPGLYIAPDAEVPEQYR.G	32
PLOG-6778	proteomics_log	3051663	3051743	-	4	9	R.ILEPGMVLTVEPGLYIAPDAEVPEQYR.G	31
PLOG-6779	proteomics_log	3051954	3051998	-	4	3	R.EIYDIVLESLETSR.L	19
PLOG-6780	proteomics_log	3051954	3052016	-	4	2	K.FTQAQREIYDIVLESLETSR.L	25
PLOG-6781	proteomics_log	3052269	3052301	-	4	3	R.AGEITAM*AHTR.A	16
PLOG-6782	proteomics_log	3052269	3052301	-	4	20	R.AGEITAMAHR.A	15
PLOG-6783	proteomics_log	3052269	3052304	-	4	4	R.RAGEITAM*AHTR.A	17
PLOG-6784	proteomics_log	3052269	3052304	-	4	10	R.RAGEITAMAHR.A	16
PLOG-6785	proteomics_log	3052302	3052340	-	4	3	R.LFKSPEEIAVLR.A	17
PLOG-6786	proteomics_log	3052305	3052340	-	4	8	R.LFKSPEEIAVLR.R	16
PLOG-6787	proteomics_log	3052413	3052541	-	4	4	R.ALAFSEINQQLYQLLNGLDVVYHAQGEYADVIVNSALEKLR.K	47
PLOG-6788	proteomics_log	3052542	3052583	-	4	4	R.LGQDAAPEKLGVD.R.A	18
PLOG-6789	proteomics_log	3052542	3052586	-	4	5	R.RLGQDAAPEKLGVD.R.A	19
PLOG-6790	proteomics_log	3052557	3052583	-	4	4	R.LGQDAAPEK.L	13
PLOG-6791	proteomics_log	3052584	3052622	-	4	2	R.VRDLTAEIWFGR.R.L	17
PLOG-6792	proteomics_log	3052623	3052661	-	4	2	K.SDDTHNHVLFNR.V	17
PLOG-6793	proteomics_log	3052662	3052727	-	4	6	R.QNSDFWYFTGFNEPEAVLVLIK.S	26
PLOG-6794	proteomics_log	3052755	3052823	-	4	2	R.QALVEQM*QPGSAALIFAAPVTR.S	28
PLOG-6795	proteomics_log	3052755	3052823	-	4	32	R.QALVEQM*QPGSAALIFAAPVTR.S	27
PLOG-6796	proteomics_log	3052755	3052829	-	4	2	R.RRQALVEQM*QPGSAALIFAAPVTR.S	29
PLOG-6797	proteomics_log	3052830	3052859	-	4	10	M.SEISRQEFQR.R	14
PLOG-6798	proteomics_log	3052969	3053052	-	5	7	R.NIAQLGYDEDEDQEELEMSLEEIEYVR.V	32
PLOG-6799	proteomics_log	3053101	3053163	-	5	3	R.ADALAGWVNHFLGLGVTQPK.L	25
PLOG-6800	proteomics_log	3055212	3055256	-	4	4	K.ALQAMKAIPGTIRAR.L	19
PLOG-6801	proteomics_log	3055218	3055256	-	4	4	K.ALQAMKAIPGTIR.A	17
PLOG-6802	proteomics_log	3055239	3055364	-	4	4	K.IFAEQGVNIAAQYLQTSAQMGYVVIDIEADEDVAEKALQAMK.A	46
PLOG-6803	proteomics_log	3055257	3055364	-	4	12	K.IFAEQGVNIAAQYLQTSAQMGYVVIDIEADEDVAEK.A	40

PLOG-6804	proteomics_log	3055284	3055415	-	4	3	R.LMHIHENRPGVLTALNKIFAEQGVNIAAQYLQTS AQMGYVVIDI.E	48
PLOG-6805	proteomics_log	3055338	3055415	-	4	14	R.LMHIHENRPGVLTALNKIFAEQGVNI.A	30
PLOG-6806	proteomics_log	3055365	3055415	-	4	13	R.LM*HIHENRPGVLTALNK.I	22
PLOG-6807	proteomics_log	3055365	3055415	-	4	52	R.LMHIHENRPGVLTALNK.I	21
PLOG-6808	proteomics_log	3055365	3055418	-	4	10	R.RLMHIHENRPGVLTALNK.I	22
PLOG-6809	proteomics_log	3055416	3055487	-	4	2	Y.SDNGSTLSAVNFPEVSLPLHGGR.R.L	28
PLOG-6810	proteomics_log	3055416	3055490	-	4	148	K.YSDNGSTLSAVNFPEVSLPLHGGR.R.L	29
PLOG-6811	proteomics_log	3055416	3055499	-	4	108	K.LIKYSDNGSTLSAVNFPEVSLPLHGGR.R.L	32
PLOG-6812	proteomics_log	3055419	3055490	-	4	257	K.YSDNGSTLSAVNFPEVSLPLHGGR.R	28
PLOG-6813	proteomics_log	3055419	3055499	-	4	133	K.LIKYSDNGSTLSAVNFPEVSLPLHGGR.R	31
PLOG-6814	proteomics_log	3055665	3055712	-	4	17	R.GTVVDIPALCDALASK.H	20
PLOG-6815	proteomics_log	3055713	3055745	-	4	7	M.KPGSLLINASR.G	15
PLOG-6816	proteomics_log	3055713	3055760	-	4	7	K.EISLM*KPGSLLINASR.G	21
PLOG-6817	proteomics_log	3055713	3055760	-	4	425	K.EISLMKPGSLLINASR.G	20
PLOG-6818	proteomics_log	3055713	3055778	-	4	2	K.NMMGAKEISLM*KPGSLLINASR.G	27
PLOG-6819	proteomics_log	3055713	3055778	-	4	2	K.NM*M*GAKEISLM*KPGSLLINASR.G	29
PLOG-6820	proteomics_log	3055713	3055778	-	4	4	K.NM*M*GAKEISLMKPGSLLINASR.G	28
PLOG-6821	proteomics_log	3055713	3055778	-	4	190	K.NMMGAKEISLMKPGSLLINASR.G	26
PLOG-6822	proteomics_log	3055779	3055877	-	4	16	K.LPLGNATQVQHLSDLLNMSDVVSLHVPENPSTK.N	37
PLOG-6823	proteomics_log	3055878	3055973	-	4	3	K.LGIIGYGHIGTQLGILAESLGMYYVYFYDIENK.L	36
PLOG-6824	proteomics_log	3055983	3056009	-	4	31	K.LAAGSFEAR.G	13
PLOG-6825	proteomics_log	3055983	3056024	-	4	228	R.GVWNKLAAGSFEAR.G	18
PLOG-6826	proteomics_log	3055983	3056033	-	4	9	K.AHRGVWNKLAAGSFEAR.G	21
PLOG-6827	proteomics_log	3056025	3056051	-	4	24	V.PEANAKAHR.G	13
PLOG-6828	proteomics_log	3056025	3056057	-	4	77	R.GVPEANAKAHR.G	15
PLOG-6829	proteomics_log	3056025	3056102	-	4	49	R.SVAELVIGELLLLLRGVPEANAKAHR.G	30
PLOG-6830	proteomics_log	3056034	3056081	-	4	2	I.GELLLLLRGVPEANAK.A	20
PLOG-6831	proteomics_log	3056034	3056102	-	4	147	R.SVAELVIGELLLLLRGVPEANAK.A	27
PLOG-6832	proteomics_log	3056034	3056141	-	4	26	R.GIPVFNAPFSNTRSVAELVIGELLLLLRGVPEANAK.A	40
PLOG-6833	proteomics_log	3056034	3056144	-	4	3	K.RGIPVFNAPFSNTRSVAELVIGELLLLLRGVPEANAK.A	41
PLOG-6834	proteomics_log	3056058	3056102	-	4	459	R.SVAELVIGELLLLLR.G	19
PLOG-6835	proteomics_log	3056058	3056141	-	4	10	R.GIPVFNAPFSNTRSVAELVIGELLLLLR.G	32
PLOG-6836	proteomics_log	3056067	3056102	-	4	30	R.SVAELVIGELL.L	16
PLOG-6837	proteomics_log	3056070	3056102	-	4	12	R.SVAELVIGELL.L	15
PLOG-6838	proteomics_log	3056103	3056135	-	4	2	I.PVFNAPFSNTR.S	15
PLOG-6839	proteomics_log	3056103	3056141	-	4	147	R.GIPVFNAPFSNTR.S	17
PLOG-6840	proteomics_log	3056103	3056144	-	4	97	K.RGIPVFNAPFSNTR.S	18
PLOG-6841	proteomics_log	3056112	3056141	-	4	2	R.GIPVFNAPFS.N	14
PLOG-6842	proteomics_log	3056208	3056246	-	4	137	R.THLTEDVINAAEK.L	17
PLOG-6843	proteomics_log	3056208	3056252	-	4	83	R.SRTHLTEDVINAAEK.L	19
PLOG-6844	proteomics_log	3056253	3056276	-	4	2	R.DAHFIGLR.S	12
PLOG-6845	proteomics_log	3056253	3056315	-	4	46	K.GALDDEQLKESIRDAHFIGLR.S	25
PLOG-6846	proteomics_log	3056253	3056348	-	4	121	R.AAGYTNIEFHKGALDDEQLKESIRDAHFIGLR.S	36
PLOG-6847	proteomics_log	3056277	3056315	-	4	17	K.GALDDEQLKESIR.D	17
PLOG-6848	proteomics_log	3056277	3056348	-	4	22	R.AAGYTNIEFHKGALDDEQLKESIR.D	28
PLOG-6849	proteomics_log	3056316	3056348	-	4	21	R.AAGYTNIEFHK.G	15

PLOG-6850	proteomics_log	3056349	3056396	-	4	11	K.FLLVEGVHQKALESLR.A	20
PLOG-6851	proteomics_log	3056349	3056429	-	4	33	M.AKVSLEKDKIKFLLVEGVHQKALESLR.A	31
PLOG-6852	proteomics_log	3056367	3056396	-	4	149	K.FLLVEGVHQK.A	14
PLOG-6853	proteomics_log	3056367	3056402	-	4	6	K.IKFLLEGVHQK.A	16
PLOG-6854	proteomics_log	3056367	3056423	-	4	4	K.VSLEKDKIKFLLVEGVHQK.A	23
PLOG-6855	proteomics_log	3056367	3056429	-	4	241	M.AKVSLEKDKIKFLLVEGVHQK.A	25
PLOG-6856	proteomics_log	3056397	3056423	-	4	5	K.VSLEKDKIK.F	13
PLOG-6857	proteomics_log	3056397	3056429	-	4	116	M.AKVSLEKDKIK.F	15
PLOG-6858	proteomics_log	3056403	3056429	-	4	19	M.AKVSLEKDK.I	13
PLOG-6859	proteomics_log	3056691	3056744	-	4	105	R.GADVALIGTPDGVKTIVK.-	22
PLOG-6860	proteomics_log	3056703	3056744	-	4	58	R.GADVALIGTPDGVK.T	18
PLOG-6861	proteomics_log	3056745	3056831	-	4	7	H.GM*EILDPIAM*ENAINAIPGVVTVGLFANR.G	35
PLOG-6862	proteomics_log	3056745	3056876	-	4	78	R.QGVVTDNGNVILDVHGMEILDPIAMENAINAIPGVVTVGLFANR.G	48
PLOG-6863	proteomics_log	3056928	3056984	-	4	3	K.QVDILGKFPLPVEVIPM*AR.S	24
PLOG-6864	proteomics_log	3056928	3056984	-	4	128	K.QVDILGKFPLPVEVIPMAR.S	23
PLOG-6865	proteomics_log	3056928	3057011	-	4	7	K.FICIADASKQVDILGKFPLPVEVIPMAR.S	32
PLOG-6866	proteomics_log	3056985	3057011	-	4	3	K.FICIADASK.Q	13
PLOG-6867	proteomics_log	3057036	3057065	-	4	4	K.GGGAALTREK.I	14
PLOG-6868	proteomics_log	3057066	3057164	-	4	10	K.SLGIHVFDLNEVDSLGIYVDGADEINGHMQMIK.G	37
PLOG-6869	proteomics_log	3057165	3057218	-	4	12	K.GQIEGAVSSSDASTEKLK.S	22
PLOG-6870	proteomics_log	3057171	3057218	-	4	16	K.GQIEGAVSSSDASTEK.L	20
PLOG-6871	proteomics_log	3057219	3057323	-	4	67	K.AVGWAALQYVQPGTIVGVGTGSTA AHFIDALGTMK.G	39
PLOG-6872	proteomics_log	3057324	3057347	-	4	3	I.M*TQDELKK.A	13
PLOG-6873	proteomics_log	3057324	3057347	-	4	60	I.MTQDELKK.A	12
PLOG-6874	proteomics_log	3064686	3064736	-	4	2	A.RVQELENLTISELPPLR.L	21
PLOG-6875	proteomics_log	3065503	3065541	-	5	3	R.YHVSNYQSPM*VR.M	18
PLOG-6876	proteomics_log	3065503	3065541	-	5	60	R.YHVSNYQSPMVR.M	17
PLOG-6877	proteomics_log	3065542	3065568	-	5	5	R.KLGPVYSVR.Y	13
PLOG-6878	proteomics_log	3065566	3065625	-	5	3	K.AAIDNAIHQAQELANGFHRK.L	24
PLOG-6879	proteomics_log	3065566	3065628	-	5	6	R.KAAIDNAIHQAQELANGFHRK.L	25
PLOG-6880	proteomics_log	3065569	3065625	-	5	2	K.AAIDNAIHQAQELANGFHR.K	23
PLOG-6881	proteomics_log	3065569	3065628	-	5	55	R.KAAIDNAIHQAQELANGFHR.K	24
PLOG-6882	proteomics_log	3065629	3065679	-	5	7	R.SVSLGVAQPDAYKDKAR.K	21
PLOG-6883	proteomics_log	3065635	3065679	-	5	3	R.SVSLGVAQPDAYKDK.A	19
PLOG-6884	proteomics_log	3065680	3065742	-	5	38	R.QLDKLNLLDGALKAGLNEIR.S	25
PLOG-6885	proteomics_log	3065680	3065763	-	5	110	R.TVEVTLRQLDKLNLLDGALKAGLNEIR.S	32
PLOG-6886	proteomics_log	3065701	3065742	-	5	17	R.QLDKLNLLDGALK.A	18
PLOG-6887	proteomics_log	3065701	3065763	-	5	26	R.TVEVTLRQLDKLNLLDGALK.A	25
PLOG-6888	proteomics_log	3065773	3065826	-	5	3	R.TQPDYDQDGKSILKGYR.A	22
PLOG-6889	proteomics_log	3065827	3065898	-	5	76	R.VAQYISFLELNQIAKKDISSANLR.T	28
PLOG-6890	proteomics_log	3065851	3065898	-	5	10	R.VAQYISFLELNQIAKK.D	20
PLOG-6891	proteomics_log	3065854	3065898	-	5	36	R.VAQYISFLELNQIAK.K	19
PLOG-6892	proteomics_log	3067116	3067157	-	4	2	R.LNELGASSINFFVR.V	18
PLOG-6893	proteomics_log	3068190	3068222	-	4	307	K.AFQELNAIDVL.-	15
PLOG-6894	proteomics_log	3068190	3068231	-	4	251	R.LEKAFQELNAIDVL.-	18
PLOG-6895	proteomics_log	3068190	3068258	-	4	2	R.AGQTSM*IARLEKAFQELNAIDVL.-	28

PLOG-6896	proteomics_log	3068190	3068258	-	4	42	R.AGQTSMIARLEKAFQELNAIDVL.-	27
PLOG-6897	proteomics_log	3068193	3068231	-	4	2	R.LEKAFQELNAIDV.L	17
PLOG-6898	proteomics_log	3068223	3068258	-	4	52	R.AGQTSMIARLEK.A	16
PLOG-6899	proteomics_log	3068223	3068270	-	4	2	R.VWLRAGQTSMIARLEK.A	20
PLOG-6900	proteomics_log	3068232	3068258	-	4	65	R.AGQTSMIAR.L	13
PLOG-6901	proteomics_log	3068232	3068258	-	4	65	R.AGQTSM*IAR.L	14
PLOG-6902	proteomics_log	3068232	3068270	-	4	2	R.VWLRAGQTSMIAR.L	17
PLOG-6903	proteomics_log	3068286	3068351	-	4	86	K.ANEAYLQGQLGNPKGEDQPNKK.Y	26
PLOG-6904	proteomics_log	3068286	3068411	-	4	2	K.MNIDTDTQWATWEGVLNYYKANEAYLQGQLGNPKGEDQPNKK.Y	46
PLOG-6905	proteomics_log	3068310	3068351	-	4	15	K.ANEAYLQGQLGNPK.G	18
PLOG-6906	proteomics_log	3068310	3068411	-	4	27	K.MNIDTDTQWATWEGVLNYYKANEAYLQGQLGNPK.G	38
PLOG-6907	proteomics_log	3068352	3068411	-	4	6	K.M*NIDTDTQWATWEGVLNYYK.A	25
PLOG-6908	proteomics_log	3068352	3068411	-	4	127	K.MNIDTDTQWATWEGVLNYYK.A	24
PLOG-6909	proteomics_log	3068412	3068438	-	4	2	K.DSVSYGVVK.M	13
PLOG-6910	proteomics_log	3068412	3068480	-	4	2	F.VFHGGSGSTAQEIKDSVSYGVVK.M	27
PLOG-6911	proteomics_log	3068412	3068510	-	4	14	K.HNLPHNSLNFVHGGSGSTAQEIKDSVSYGVVK.M	37
PLOG-6912	proteomics_log	3068412	3068537	-	4	2	R.DSQEYVSKKHNLPHNSLNFVHGGSGSTAQEIKDSVSYGVVK.M	46
PLOG-6913	proteomics_log	3068439	3068510	-	4	6	K.HNLPHNSLNFVHGGSGSTAQEIK.D	28
PLOG-6914	proteomics_log	3068439	3068513	-	4	2	K.KHNLPHNSLNFVHGGSGSTAQEIK.D	29
PLOG-6915	proteomics_log	3068511	3068537	-	4	18	R.DSQEYVSKK.H	13
PLOG-6916	proteomics_log	3068511	3068618	-	4	2	R.FTIAASFGNVHGVYKPGNVVLTPTILRDSQEYVSKK.H	40
PLOG-6917	proteomics_log	3068514	3068537	-	4	25	R.DSQEYVSK.K	12
PLOG-6918	proteomics_log	3068514	3068618	-	4	11	R.FTIAASFGNVHGVYKPGNVVLTPTILRDSQEYVSK.K	39
PLOG-6919	proteomics_log	3068538	3068618	-	4	355	R.FTIAASFGNVHGVYKPGNVVLTPTILR.D	31
PLOG-6920	proteomics_log	3068850	3068924	-	4	3	K.KLLPWIDGLLDAGEKHFAATGKPLF.S	29
PLOG-6921	proteomics_log	3068880	3068921	-	4	78	K.LLPWIDGLLDAGEK.H	18
PLOG-6922	proteomics_log	3068880	3068924	-	4	147	K.KLLPWIDGLLDAGEK.H	19
PLOG-6923	proteomics_log	3068925	3069041	-	4	2	K.SDVPQGAAILGAISSGAHHVHQMAEHYGPVILHTDHCAK.K	43
PLOG-6924	proteomics_log	3069042	3069104	-	4	36	K.APVIVQFSNGGASFIAGKGVK.S	25
PLOG-6925	proteomics_log	3069042	3069110	-	4	141	K.VKAPVIVQFSNGGASFIAGKGVK.S	27
PLOG-6926	proteomics_log	3069051	3069104	-	4	56	K.APVIVQFSNGGASFIAGK.G	22
PLOG-6927	proteomics_log	3069051	3069110	-	4	449	K.VKAPVIVQFSNGGASFIAGK.G	24
PLOG-6928	proteomics_log	3069111	3069155	-	4	8	C.VGTDSINAVLETAAK.V	19
PLOG-6929	proteomics_log	3069111	3069188	-	4	5	K.ENNFALPAVNCVGTDSINAVLETAAK.V	30
PLOG-6930	proteomics_log	3069111	3069206	-	4	9	K.VFQVAKENNFALPAVNCVGTDSINAVLETAAK.V	36
PLOG-6931	proteomics_log	3069189	3069257	-	4	18	K.IFDFVKPGVITGDDVQKVFQVAK.E	27
PLOG-6932	proteomics_log	3069189	3069263	-	4	244	M.SKIFDFVKPGVITGDDVQKVFQVAK.E	29
PLOG-6933	proteomics_log	3069207	3069257	-	4	17	K.IFDFVKPGVITGDDVQK.V	21
PLOG-6934	proteomics_log	3069207	3069263	-	4	373	M.SKIFDFVKPGVITGDDVQK.V	23
PLOG-6935	proteomics_log	3069484	3069525	-	5	50	K.VLPVAMLEERAKK.-	18
PLOG-6936	proteomics_log	3069484	3069579	-	5	9	K.ISYISTGGGAFLEFVEGKVLPAVAMLEERAKK.-	36
PLOG-6937	proteomics_log	3069493	3069519	-	5	34	L.PAVAMLEER.A	13
PLOG-6938	proteomics_log	3069493	3069525	-	5	4	K.VLPVAM*LEER.A	16
PLOG-6939	proteomics_log	3069493	3069525	-	5	343	K.VLPVAMLEER.A	15
PLOG-6940	proteomics_log	3069493	3069579	-	5	4	K.ISYISTGGGAFLEFVEGKVLPAVAM*LEER.A	34
PLOG-6941	proteomics_log	3069493	3069579	-	5	118	K.ISYISTGGGAFLEFVEGKVLPAVAMLEER.A	33

PLOG-6942	proteomics_log	3069526	3069579	-	5	272	K.ISYISTGGGAFLEFVEGK.V	22
PLOG-6943	proteomics_log	3069580	3069684	-	5	4	K.GTEIVANAIADSEAFSIAGGGDTLAAIDLFGIADK.I	39
PLOG-6944	proteomics_log	3069580	3069687	-	5	63	R.KGTEIVANAIADSEAFSIAGGGDTLAAIDLFGIADK.I	40
PLOG-6945	proteomics_log	3069685	3069723	-	5	3	N.GPVGVFEPNFRK.G	17
PLOG-6946	proteomics_log	3069685	3069738	-	5	210	K.TILWNGPVGVFEPNFRK.G	22
PLOG-6947	proteomics_log	3069688	3069738	-	5	443	K.TILWNGPVGVFEPNFR.K	21
PLOG-6948	proteomics_log	3069694	3069738	-	5	4	K.TILWNGPVGVFEPN.F	19
PLOG-6949	proteomics_log	3069703	3069738	-	5	37	K.TILWNGPVGVFE.F	16
PLOG-6950	proteomics_log	3069739	3069810	-	5	121	K.ADEQILDIGDASAQELAEILKNAK.T	28
PLOG-6951	proteomics_log	3069739	3069828	-	5	293	K.SVNDVKADEQILDIGDASAQELAEILKNAK.T	34
PLOG-6952	proteomics_log	3069739	3069870	-	5	189	R.VATEFSETAPATLKS VNDVKADEQILDIGDASAQELAEILKNAK.T	48
PLOG-6953	proteomics_log	3069748	3069810	-	5	122	K.ADEQILDIGDASAQELAEILK.N	25
PLOG-6954	proteomics_log	3069748	3069828	-	5	356	K.SVNDVKADEQILDIGDASAQELAEILK.N	31
PLOG-6955	proteomics_log	3069748	3069870	-	5	106	R.VATEFSETAPATLKS VNDVKADEQILDIGDASAQELAEILK.N	45
PLOG-6956	proteomics_log	3069829	3069870	-	5	316	R.VATEFSETAPATLK.S	18
PLOG-6957	proteomics_log	3069829	3069912	-	5	10	R.LLTTCNIPVPSDVRVATEFSETAPATLK.S	32
PLOG-6958	proteomics_log	3069871	3069912	-	5	15	R.LLTTCNIPVPSDVR.V	18
PLOG-6959	proteomics_log	3069871	3069951	-	5	3	K.SLYEADLVDEAKRLLTTCNIPVPSDVR.V	31
PLOG-6960	proteomics_log	3069913	3069951	-	5	267	K.SLYEADLVDEAKR.L	17
PLOG-6961	proteomics_log	3069913	3070026	-	5	63	K.IADQLIVGGGIANTFIAAQGHVDVGKSLYEADLVDEAKR.L	42
PLOG-6962	proteomics_log	3069913	3070053	-	5	5	K.LTVLDSLSKIADQLIVGGGIANTFIAAQGHVDVGKSLYEADLVDEAKR.L	51
PLOG-6963	proteomics_log	3069916	3069951	-	5	149	K.SLYEADLVDEAKR	16
PLOG-6964	proteomics_log	3069916	3070026	-	5	2	K.IADQLIVGGGIANTFIAAQGHVDVGKSLYEADLVDEAKR	41
PLOG-6965	proteomics_log	3069952	3069981	-	5	5	F.IAAQGHVDVGK.S	14
PLOG-6966	proteomics_log	3069952	3070005	-	5	38	V.GGGIANTFIAAQGHVDVGK.S	22
PLOG-6967	proteomics_log	3069952	3070008	-	5	2	I.VGGGIANTFIAAQGHVDVGK.S	23
PLOG-6968	proteomics_log	3069952	3070020	-	5	100	A.DQLIVGGGIANTFIAAQGHVDVGK.S	27
PLOG-6969	proteomics_log	3069952	3070026	-	5	482	K.IADQLIVGGGIANTFIAAQGHVDVGK.S	29
PLOG-6970	proteomics_log	3069952	3070038	-	5	89	D.SLSKIADQLIVGGGIANTFIAAQGHVDVGK.S	33
PLOG-6971	proteomics_log	3069952	3070053	-	5	228	K.LTVLDSLSKIADQLIVGGGIANTFIAAQGHVDVGK.S	38
PLOG-6972	proteomics_log	3069952	3070065	-	5	144	K.VSTKLTVLDSLSKIADQLIVGGGIANTFIAAQGHVDVGK.S	42
PLOG-6973	proteomics_log	3070027	3070053	-	5	106	K.LTVLDSLSK.I	13
PLOG-6974	proteomics_log	3070027	3070065	-	5	139	K.VSTKLTVLDSLSK.I	17
PLOG-6975	proteomics_log	3070027	3070116	-	5	6	K.ALKEPARPM*VAIVGGSKVSTKLTVLDSLSK.I	35
PLOG-6976	proteomics_log	3070027	3070116	-	5	61	K.ALKEPARPMVAIVGGSKVSTKLTVLDSLSK.I	34
PLOG-6977	proteomics_log	3070054	3070116	-	5	15	K.ALKEPARPM*VAIVGGSKVSTK.L	26
PLOG-6978	proteomics_log	3070054	3070116	-	5	83	K.ALKEPARPMVAIVGGSKVSTK.L	25
PLOG-6979	proteomics_log	3070066	3070116	-	5	9	K.ALKEPARPM*VAIVGGSK.V	22
PLOG-6980	proteomics_log	3070066	3070116	-	5	248	K.ALKEPARPMVAIVGGSK.V	21
PLOG-6981	proteomics_log	3070102	3070206	-	5	4	R.AQASTHGIGKFADVACAGPLLAELDALGKALKEP.A	39
PLOG-6982	proteomics_log	3070117	3070158	-	5	22	C.AGPLLAAELDALGK.A	18
PLOG-6983	proteomics_log	3070117	3070176	-	5	24	K.FADVACAGPLLAELDALGK.A	24
PLOG-6984	proteomics_log	3070117	3070206	-	5	18	R.AQASTHGIGKFADVACAGPLLAELDALGK.A	34
PLOG-6985	proteomics_log	3070177	3070206	-	5	146	R.AQASTHGIGK.F	14
PLOG-6986	proteomics_log	3070177	3070260	-	5	4	K.YAALCDVFMDFGTAHRAQASTHGIGK.F	32
PLOG-6987	proteomics_log	3070207	3070260	-	5	14	K.YAALCDVFMDFGTAHR.A	22

PLOG-6988	proteomics_log	3070207	3070263	-	5	6	K.KYAALCDVFMDFGTAHR.A	23
PLOG-6989	proteomics_log	3070207	3070287	-	5	4	K.KDDETLSSKKYAALCDVFMDFGTAHR.A	31
PLOG-6990	proteomics_log	3070237	3070305	-	5	14	R.FNKGEKKDDETLSSKKYAALCDVF.V	27
PLOG-6991	proteomics_log	3070261	3070287	-	5	29	K.KDDETLSSK.Y	13
PLOG-6992	proteomics_log	3070261	3070305	-	5	160	R.FNKGEKKDDETLSSK.Y	19
PLOG-6993	proteomics_log	3070261	3070374	-	5	2	R.LVKDYLDGVDVAEGELVVLENVRFNKGEKKDDETLSSK.Y	42
PLOG-6994	proteomics_log	3070264	3070287	-	5	17	K.KDDETLSSK.K	12
PLOG-6995	proteomics_log	3070264	3070305	-	5	55	R.FNKGEKKDDETLSSK.K	18
PLOG-6996	proteomics_log	3070288	3070374	-	5	8	R.LVKDYLDGVDVAEGELVVLENVRFNKGEK.K	33
PLOG-6997	proteomics_log	3070306	3070353	-	5	15	D.GVDVAEGELVVLENVR.F	20
PLOG-6998	proteomics_log	3070306	3070365	-	5	63	K.DYLDGVDVAEGELVVLENVR.F	24
PLOG-6999	proteomics_log	3070306	3070374	-	5	265	R.LVKDYLDGVDVAEGELVVLENVR.F	27
PLOG-7000	proteomics_log	3070306	3070377	-	5	2	V.RLVKDYLDGVDVAEGELVVLENVR.F	28
PLOG-7001	proteomics_log	3070306	3070392	-	5	192	K.LSNPVRVLVKDYLDGVDVAEGELVVLENVR.F	33
PLOG-7002	proteomics_log	3070306	3070398	-	5	28	K.DKLSNPVRVLVKDYLDGVDVAEGELVVLENVR.F	35
PLOG-7003	proteomics_log	3070375	3070485	-	5	11	K.VM*VTSHLGRPTEGEYNEEFSLPPVVNYLKDKLSNPVR.L	42
PLOG-7004	proteomics_log	3070375	3070485	-	5	58	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLKDKLSNPVR.L	41
PLOG-7005	proteomics_log	3070393	3070485	-	5	9	K.VM*VTSHLGRPTEGEYNEEFSLPPVVNYLKDK.L	36
PLOG-7006	proteomics_log	3070393	3070485	-	5	159	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLKDK.L	35
PLOG-7007	proteomics_log	3070399	3070485	-	5	5	K.VM*VTSHLGRPTEGEYNEEFSLPPVVNYLK.D	34
PLOG-7008	proteomics_log	3070399	3070485	-	5	190	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	33
PLOG-7009	proteomics_log	3070486	3070521	-	5	28	L.PTIELALKQGAK.V	16
PLOG-7010	proteomics_log	3070486	3070530	-	5	288	R.ASLPTIELALKQGAK.V	19
PLOG-7011	proteomics_log	3070486	3070536	-	5	412	R.IRASLPTIELALKQGAK.V	21
PLOG-7012	proteomics_log	3070495	3070530	-	5	14	R.ASLPTIELALKQ.G	16
PLOG-7013	proteomics_log	3070498	3070521	-	5	2	L.PTIELALK.Q	12
PLOG-7014	proteomics_log	3070498	3070530	-	5	63	R.ASLPTIELALK.Q	15
PLOG-7015	proteomics_log	3070498	3070536	-	5	140	R.IRASLPTIELALK.Q	17
PLOG-7016	proteomics_log	3070507	3070536	-	5	2	R.IRASLPTIEL.A	14
PLOG-7017	proteomics_log	3070531	3070587	-	5	9	R.ADLNVPVKDGVKVTSDARIR.A	23
PLOG-7018	proteomics_log	3070537	3070572	-	5	5	V.PVKDGVKVTSDAR.I	16
PLOG-7019	proteomics_log	3070537	3070587	-	5	251	R.ADLNVPVKDGVKVTSDAR.I	21
PLOG-7020	proteomics_log	3070537	3070599	-	5	92	R.VFIRADLNVPVKDGVKVTSDAR.I	25
PLOG-7021	proteomics_log	3070537	3070602	-	5	7	K.RVFIRADLNVPVKDGVKVTSDAR.I	26
PLOG-7022	proteomics_log	3070555	3070587	-	5	156	R.ADLNVPVKDGK.V	15
PLOG-7023	proteomics_log	3070588	3070629	-	5	17	K.MTDLDLAGKRVFIR.A	18
PLOG-7024	proteomics_log	3070588	3070641	-	5	53	M.SVIKMTDLDLAGKRVFIR.A	22
PLOG-7025	proteomics_log	3070600	3070629	-	5	22	K.M*TDLDLAGK.V	15
PLOG-7026	proteomics_log	3070600	3070629	-	5	115	K.MTDLDLAGK.V	14
PLOG-7027	proteomics_log	3070600	3070635	-	5	2	V.IKMTDLDLAGK.V	16
PLOG-7028	proteomics_log	3070600	3070641	-	5	19	M.SVIKM*TDLDLAGK.V	19
PLOG-7029	proteomics_log	3070600	3070641	-	5	339	M.SVIKMTDLDLAGK.V	18
PLOG-7030	proteomics_log	3070603	3070629	-	5	102	K.MTDLDLAGK.R	13
PLOG-7031	proteomics_log	3070603	3070641	-	5	3	M.SVIKM*TDLDLAGK.R	18
PLOG-7032	proteomics_log	3070603	3070641	-	5	24	M.SVIKMTDLDLAGK.R	17
PLOG-7033	proteomics_log	3070697	3070738	-	6	9	R.MLDTTLAMATVAFR.-	18

PLOG-7034	proteomics_log	3071486	3071518	-	6	3	R.DQLFVGDDAIR.V	15
PLOG-7035	proteomics_log	3071567	3071635	-	6	3	R.RAEITTVAINELADAAGMAHLLK.Y	27
PLOG-7036	proteomics_log	3074986	3075048	-	5	2	R.WQLCAALLVLIM*PIITPRNM.F	26
PLOG-7037	proteomics_log	3075667	3075693	-	5	2	E.KAGLAIEVK.H	13
PLOG-7038	proteomics_log	3077669	3077794	-	6	6	K.YVGLNGAIVGMTTFGESAPAELLFEEFGFTVDNVVAKAKELL.-	46
PLOG-7039	proteomics_log	3077684	3077794	-	6	161	K.YVGLNGAIVGMTTFGESAPAELLFEEFGFTVDNVVAK.A	41
PLOG-7040	proteomics_log	3077795	3077833	-	6	10	R.VAVEAGIADYWYK.Y	17
PLOG-7041	proteomics_log	3077795	3077833	-	6	10	R.VAVEAGIADYWYK.Y	17
PLOG-7042	proteomics_log	3077834	3077920	-	6	3	R.VVSM*PSTDAFDKQDAAYRESVLPKAVTAR.V	34
PLOG-7043	proteomics_log	3077834	3077920	-	6	42	R.VVSM*PSTDAFDKQDAAYRESVLPKAVTAR.V	33
PLOG-7044	proteomics_log	3077867	3077920	-	6	5	R.VVSM*PSTDAFDKQDAAYR.E	22
PLOG-7045	proteomics_log	3077921	3077947	-	6	2	K.LTAEGVKAR.V	13
PLOG-7046	proteomics_log	3078026	3078052	-	6	2	E.IARGGYVLK.D	13
PLOG-7047	proteomics_log	3078026	3078052	-	6	2	E.IARGGYVLK.D	13
PLOG-7048	proteomics_log	3078044	3078073	-	6	111	R.TEEQLANIAR.G	14
PLOG-7049	proteomics_log	3078044	3078097	-	6	59	R.QNLAQQERTEEQLANIAR.G	22
PLOG-7050	proteomics_log	3078074	3078097	-	6	7	R.QNLAQQER.T	12
PLOG-7051	proteomics_log	3078098	3078130	-	6	40	R.QDGPTALILSR.Q	15
PLOG-7052	proteomics_log	3078098	3078145	-	6	32	K.YGVERQDGPTALILSR.Q	20
PLOG-7053	proteomics_log	3078209	3078295	-	6	53	R.QVMVYTHDSIGLGEDGPTHQPVEQVASLR.V	33
PLOG-7054	proteomics_log	3078296	3078319	-	6	9	R.MAALMKQR.Q	12
PLOG-7055	proteomics_log	3078296	3078331	-	6	3	R.NAVRMAALMKQR.Q	16
PLOG-7056	proteomics_log	3078302	3078427	-	6	2	R.EFGMTAIANGISLHGGFLPYTSTFLMFVEYARNAVRMAALMK.Q	46
PLOG-7057	proteomics_log	3078332	3078427	-	6	31	R.EFGMTAIANGISLHGGFLPYTSTFLMFVEYAR.N	36
PLOG-7058	proteomics_log	3078428	3078475	-	6	45	K.AINEDAAGNYIHYGVR.E	20
PLOG-7059	proteomics_log	3078476	3078580	-	6	5	K.ASQNAIEAFGPLLPEFLGGSADLAPSNLTLWVSGSK.A	39
PLOG-7060	proteomics_log	3078476	3078583	-	6	175	R.KASQNAIEAFGPLLPEFLGGSADLAPSNLTLWVSGSK.A	40
PLOG-7061	proteomics_log	3078584	3078616	-	6	88	K.LQANPAKIASR.K	15
PLOG-7062	proteomics_log	3078584	3078637	-	6	4	K.AKEFIAKLQANPAKIASR.K	22
PLOG-7063	proteomics_log	3078584	3078673	-	6	2	R.MKGEMPSDFDAKAKEFIAKLQANPAKIASR.K	34
PLOG-7064	proteomics_log	3078584	3078676	-	6	2	R.RMKGEMPSDFDAKAKEFIAKLQANPAKIASR.K	35
PLOG-7065	proteomics_log	3078596	3078616	-	6	17	E.LQANPAK.I	11
PLOG-7066	proteomics_log	3078596	3078616	-	6	17	E.LQANPAK.I	11
PLOG-7067	proteomics_log	3078596	3078637	-	6	10	K.AKEFIAKLQANPAK.I	18
PLOG-7068	proteomics_log	3078617	3078673	-	6	62	R.MKGEMPSDFDAKAKEFIAK.L	23
PLOG-7069	proteomics_log	3078617	3078676	-	6	32	R.RMKGEMPSDFDAKAKEFIAK.L	24
PLOG-7070	proteomics_log	3078632	3078673	-	6	2	R.M*KGEM*PSDFDAKAK.E	20
PLOG-7071	proteomics_log	3078638	3078673	-	6	2	R.M*KGEM*PSDFDAK.A	18
PLOG-7072	proteomics_log	3078638	3078673	-	6	37	R.MKGEMPSDFDAK.A	16
PLOG-7073	proteomics_log	3078638	3078676	-	6	2	R.RM*KGEM*PSDFDAK.A	19
PLOG-7074	proteomics_log	3078638	3078676	-	6	51	R.RMKGEMPSDFDAK.A	17
PLOG-7075	proteomics_log	3078677	3078703	-	6	7	Y.PQEAAEFTR.R	13
PLOG-7076	proteomics_log	3078677	3078709	-	6	112	K.AYPQEAAEFTR.R	15
PLOG-7077	proteomics_log	3078710	3078748	-	6	2	K.ESAWNEKFAAYAK.A	17
PLOG-7078	proteomics_log	3078767	3078817	-	6	85	K.YAPFEIPSEIYAQWDAK.E	21
PLOG-7079	proteomics_log	3078818	3078895	-	6	11	K.AGTHDSHGAPLGDAEIALTREQLGWK.Y	30

PLOG-7080	proteomics_log	3078836	3078895	-	6	43	K.AGTHDSHGAPLGD AEIALTR.E	24
PLOG-7081	proteomics_log	3078836	3078925	-	6	76	K.TIIGFGSPNKAGTHDSHGAPLGD AEIALTR.E	34
PLOG-7082	proteomics_log	3078896	3078925	-	6	5	K.TIIGFGSPNK.A	14
PLOG-7083	proteomics_log	3078980	3079015	-	6	26	R.DIDGHDAASIKR.A	16
PLOG-7084	proteomics_log	3078980	3079045	-	6	15	R.FEAYGWHVIRIDIDGHDAASIKR.A	26
PLOG-7085	proteomics_log	3079016	3079045	-	6	11	R.FEAYGWHVIR.D	14
PLOG-7086	proteomics_log	3079265	3079369	-	6	31	K.TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK.T	39
PLOG-7087	proteomics_log	3079385	3079480	-	6	29	R.FVLSNGHGSMLIYSLHLTGYDLPMEELKNFR.Q	36
PLOG-7088	proteomics_log	3079394	3079480	-	6	41	R.FVLSNGHGSMLIYSLHLTGYDLPMEELK.N	33
PLOG-7089	proteomics_log	3079520	3079588	-	6	26	K.SGHPGAPMGMDIAEVLWRDFLK.H	27
PLOG-7090	proteomics_log	3079532	3079588	-	6	28	K.SGHPGAPMGMDIAEVLWR.D	23
PLOG-7091	proteomics_log	3079589	3079621	-	6	25	R.ALSM*DAVQKAK.S	16
PLOG-7092	proteomics_log	3079589	3079621	-	6	96	R.ALSMDAVQKAK.S	15
PLOG-7093	proteomics_log	3079595	3079621	-	6	9	R.ALSM*DAVQK.A	14
PLOG-7094	proteomics_log	3079595	3079621	-	6	54	R.ALSMDAVQK.A	13
PLOG-7095	proteomics_log	3079595	3079621	-	6	9	R.ALSM*DAVQK.A	14
PLOG-7096	proteomics_log	3079595	3079621	-	6	54	R.ALSMDAVQK.A	13
PLOG-7097	proteomics_log	3079622	3079645	-	6	2	R.KELANAIK.A	12
PLOG-7098	proteomics_log	3079622	3079654	-	6	172	M.SSRKELANAIK.A	15
PLOG-7099	proteomics_log	3080902	3081039	-	5	6	R.GLKDLNIVGMDVVEVAPAYDQSEITALAAATLAEMLYIQAACKGE.-	50
PLOG-7100	proteomics_log	3080911	3081039	-	5	22	R.GLKDLNIVGMDVVEVAPAYDQSEITALAAATLAEMLYIQAACK.K	47
PLOG-7101	proteomics_log	3081169	3081198	-	5	22	R.SVDDVIAQVK.Q	14
PLOG-7102	proteomics_log	3081259	3081303	-	5	6	K.EGLIDPNHVSQIGIR.T	19
PLOG-7103	proteomics_log	3081418	3081465	-	5	111	R.MLSFGGDHFVTLPLLR.A	20
PLOG-7104	proteomics_log	3081466	3081507	-	5	7	K.LQAHAEKLLAAGKR.M	18
PLOG-7105	proteomics_log	3081466	3081522	-	5	6	R.EMSEKLAHAEKLLAAGKR.M	23
PLOG-7106	proteomics_log	3081487	3081522	-	5	2	R.EM*SEKLAHAEK.L	17
PLOG-7107	proteomics_log	3081604	3081639	-	5	2	R.QVSTNLAWEHNR.F	16
PLOG-7108	proteomics_log	3081673	3081756	-	5	40	R.LPMNFQPYDSDADWVITGVPFDMATSGR.A	32
PLOG-7109	proteomics_log	3081757	3081816	-	5	94	M.STLGHQYDNSLVSNAFGFLR.L	24
PLOG-7110	proteomics_log	3082374	3082481	-	4	17	K.MYVNFSLFQSMPTAWGIDQLFPVLPLEGLDQVPERR.A	40
PLOG-7111	proteomics_log	3082494	3082529	-	4	13	R.AHRPIIDELQER.M	16
PLOG-7112	proteomics_log	3082746	3082790	-	4	4	R.NEYTVPTAPAEDAPR.A	19
PLOG-7113	proteomics_log	3083160	3083207	-	4	7	K.FGLAATQVLQLVETLR.E	20
PLOG-7114	proteomics_log	3083160	3083213	-	4	4	K.SKFGAATQVLQLVETLR.E	22
PLOG-7115	proteomics_log	3083238	3083267	-	4	4	R.ARLASQSGSK.W	14
PLOG-7116	proteomics_log	3083280	3083336	-	4	7	K.MSEIAIVLDEAERLNVVPR.L	23
PLOG-7117	proteomics_log	3083298	3083336	-	4	2	K.MSEIAIVLDEAER.L	17
PLOG-7118	proteomics_log	3083436	3083534	-	4	22	R.VIESLIHSGEPLGLEAGSKAELMAVLAHAGMTR.S	37
PLOG-7119	proteomics_log	3083436	3083537	-	4	2	R.RVIESLIHSGEPLGLEAGSKAELM*AVLAHAGM*TR.S	40
PLOG-7120	proteomics_log	3083538	3083606	-	4	6	R.ARESYGYNGDYFLVYPIKVNQHR.R	27
PLOG-7121	proteomics_log	3083703	3083726	-	4	67	R.VDLAQLVK.T	12
PLOG-7122	proteomics_log	3083823	3083873	-	4	3	R.SMQEAMSSQEASKMLR.T	21
PLOG-7123	proteomics_log	3083832	3083873	-	4	7	R.SM*QEAM*SSQEASK.M	20
PLOG-7124	proteomics_log	3083832	3083873	-	4	40	R.SMQEAMSSQEASK.M	18
PLOG-7125	proteomics_log	3097707	3097775	-	4	2	R.VLLQLALTQTKDPQIQIIFNQY.-	27

PLOG-7126	proteomics_log	3099022	3099099	-	5	2	K.SGGNPLQNVLGLSLGGLQSSIQTEWK.Q	30
PLOG-7127	proteomics_log	3099025	3099099	-	5	4	K.SGGNPLQNVLGLSLGGLQSSIQTEWK.K	29
PLOG-7128	proteomics_log	3099112	3099186	-	5	10	R.AEGQQLVNQAMGGILQDSINEMGAK.A	29
PLOG-7129	proteomics_log	3099112	3099204	-	5	35	K.AIDQVRAEGQQLVNQAMGGILQDSINEMGAK.A	35
PLOG-7130	proteomics_log	3099205	3099231	-	5	3	R.SDGLTFHYK.A	13
PLOG-7131	proteomics_log	3099247	3099288	-	5	2	R.LTKLDAQLKEQMNR.I	18
PLOG-7132	proteomics_log	3099301	3099348	-	5	11	R.IALDKIIVQEMGESSK.M	20
PLOG-7133	proteomics_log	3099520	3099558	-	5	3	R.DDVIVSPQTVQVK.G	17
PLOG-7134	proteomics_log	3100164	3100199	-	4	15	R.LGHGVWDLMFER.V	16
PLOG-7135	proteomics_log	3100377	3100409	-	4	12	R.IVQVPFAELVK.S	15
PLOG-7136	proteomics_log	3100431	3100466	-	4	18	R.MVQLFFPDPWHK.A	16
PLOG-7137	proteomics_log	3100689	3100778	-	4	36	K.QEHALENYWPVMGVEFSEDMLDFPALFGR.E	34
PLOG-7138	proteomics_log	3100689	3100787	-	4	28	R.LTKGQEHALENYWPVMGVEFSEDMLDFPALFGR.E	37
PLOG-7139	proteomics_log	3114576	3114599	-	4	2	T.EDSLKAAK.E	12
PLOG-7140	proteomics_log	3118111	3118182	-	5	2	K.FDPLSAGGTAFIAAIIISIFILGV.G	28
PLOG-7141	proteomics_log	3119680	3119754	-	5	5	K.AASDLIFLGVKQPNGYTEPLHAWR.L	29
PLOG-7142	proteomics_log	3119932	3119970	-	5	2	K.VPDIHNVALMEDR.A	17
PLOG-7143	proteomics_log	3120328	3120366	-	5	10	R.NNVLSGLFCGLRG.K	17
PLOG-7144	proteomics_log	3120460	3120492	-	5	7	R.VAFINTGFGLDR.T	15
PLOG-7145	proteomics_log	3120460	3120498	-	5	2	R.NRVAFINTGFGLDR.T	17
PLOG-7146	proteomics_log	3120565	3120603	-	5	17	R.IETMLGMAPNTLK.M	17
PLOG-7147	proteomics_log	3120616	3120651	-	5	2	K.MHGQPQEVAFANK.L	16
PLOG-7148	proteomics_log	3120652	3120681	-	5	4	R.TGSVYIVKPK.M	14
PLOG-7149	proteomics_log	3120700	3120813	-	5	19	R.NVGHLMTIPVIWDSEGNEIPEGILDGVMGTGAIALYDLK.V	42
PLOG-7150	proteomics_log	3120832	3120894	-	5	2	R.KLNDDRHYTAADGSEISLHGR.S	25
PLOG-7151	proteomics_log	3120925	3120963	-	5	12	R.NLLGLMQGTLQEK.M	17
PLOG-7152	proteomics_log	3121717	3121773	-	5	32	R.FVDEEVLPGTGLDAAAFWR.N	23
PLOG-7153	proteomics_log	3121774	3121800	-	5	2	R.LRIDANFKR.F	13
PLOG-7154	proteomics_log	3121852	3121875	-	5	11	K.AAAAVLAK.-	12
PLOG-7155	proteomics_log	3122179	3122241	-	5	7	K.VILSQMASAIIAAGQEEAQK.N	25
PLOG-7156	proteomics_log	3122824	3122880	-	5	2	S.CQLTKQAVVARWTIILM*RR.R	24
PLOG-7157	proteomics_log	3149677	3149763	-	5	17	K.SLSLHLLNEAQNELELSEGSDDNEGKER.T	33
PLOG-7158	proteomics_log	3149764	3149808	-	5	63	R.SLNQANDIAADFGSK.S	19
PLOG-7159	proteomics_log	3149809	3149844	-	5	7	R.LKREQQLLAEAR.S	16
PLOG-7160	proteomics_log	3153995	3154042	-	6	7	R.QQNAFCETVLNFGINR.F	20
PLOG-7161	proteomics_log	3159675	3159770	-	4	2	G.FFEPSSILVSTLVTLRPTGLLPLVTDLSLPMR.L	36
PLOG-7162	proteomics_log	3159675	3159773	-	4	5	R.GFFEPSSILVSTLVTLRPTGLLPLVTDLSLPMR.L	37
PLOG-7163	proteomics_log	3160769	3160819	-	6	3	K.IAELDKEVAEREAAGKV.-	21
PLOG-7164	proteomics_log	3161848	3161877	-	5	2	K.IKLRPEELQK.V	14
PLOG-7165	proteomics_log	3162001	3162042	-	5	12	R.MLMFPVSDLPQLSK.G	18
PLOG-7166	proteomics_log	3162043	3162105	-	5	12	V.M*PPVVEDASDM*LLAITQAGR.M	27
PLOG-7167	proteomics_log	3162043	3162138	-	5	4	K.ALITLPENAHVM*PPVVEDASDMLLAITQAGR.M	37
PLOG-7168	proteomics_log	3162043	3162138	-	5	106	K.ALITLPENAHVMPPVVEDASDMLLAITQAGR.M	36
PLOG-7169	proteomics_log	3162043	3162147	-	5	11	R.AGKALITLPENAHVMPPVVEDASDMLLAITQAGR.M	39
PLOG-7170	proteomics_log	3162304	3162342	-	5	7	R.SY AidPITLPSAR.G	17
PLOG-7171	proteomics_log	3162727	3162765	-	5	4	T.ETQAEAILELKL.R.H	17

PLOG-7172	proteomics_log	3163321	3163395	-	5	2	K.TTLDQLLDIVQGPDPYPTAEIITSR.A	29
PLOG-7173	proteomics_log	3163321	3163437	-	5	4	R.EVAQAALIDQPKTTLDQLLDIVQGPDPYPTAEIITSR.A	43
PLOG-7174	proteomics_log	3163867	3163908	-	5	2	R.ALFIGDGLKPVQR.R	18
PLOG-7175	proteomics_log	3166086	3166169	-	4	3	H.GLYCVHCEESIMNKEESDAFM*AQVKAFR.A	33
PLOG-7176	proteomics_log	3167393	3167419	-	6	3	R.WNGVTVTPK.D	13
PLOG-7177	proteomics_log	3167420	3167461	-	6	6	K.DASGTINVDIDHKR.W	18
PLOG-7178	proteomics_log	3167420	3167488	-	6	61	R.ISDDLYVFKDASGTINVDIDHKR.W	27
PLOG-7179	proteomics_log	3167462	3167488	-	6	9	R.ISDDLYVFK.D	13
PLOG-7180	proteomics_log	3167507	3167539	-	6	26	K.SLRDDTWVTLR.G	15
PLOG-7181	proteomics_log	3167540	3167638	-	6	20	A.AEQGGFSGPSATQSQAGGFQGPNGSVTTVESAK.S	37
PLOG-7182	proteomics_log	3172285	3172365	-	5	2	K.DAFILWLNQNVQAAELLAEMAISSAQR.R	31
PLOG-7183	proteomics_log	3173450	3173539	-	6	7	R.QTVIEGGNHAFTGFEDYFNPIVDFLGLHHL.-	34
PLOG-7184	proteomics_log	3173570	3173650	-	6	8	K.VMQIDPLEAPDLIWLLQQTGDEVLDYR.Q	31
PLOG-7185	proteomics_log	3174031	3174060	-	5	2	R.FQPTASEGY.-	14
PLOG-7186	proteomics_log	3175696	3175764	-	5	10	R.GHAAVLLPFPVRDEVVLIEQIR.I	27
PLOG-7187	proteomics_log	3181862	3181906	-	6	5	K.HNMALVTIEDLVAYR.Q	19
PLOG-7188	proteomics_log	3182309	3182407	-	6	16	R.GVMVLDEDEDRENEGDMIFPAETMTVEQMALTIR.H	37
PLOG-7189	proteomics_log	3182408	3182443	-	6	9	R.VENALAALREGR.G	16
PLOG-7190	proteomics_log	3182408	3182488	-	6	133	T.MNQTLSSFGTTPFERVENALAALREGR.G	31
PLOG-7191	proteomics_log	3182417	3182443	-	6	13	R.VENALAALR.E	13
PLOG-7192	proteomics_log	3182417	3182488	-	6	2	T.M*NQTLSSFGTTPFERVENALAALR.E	29
PLOG-7193	proteomics_log	3182417	3182488	-	6	4	T.MNQTLSSFGTTPFERVENALAALR.E	28
PLOG-7194	proteomics_log	3182444	3182488	-	6	2	T.M*NQTLSSFGTTPFER.V	20
PLOG-7195	proteomics_log	3182444	3182488	-	6	83	T.MNQTLSSFGTTPFER.V	19
PLOG-7196	proteomics_log	3193483	3193518	-	5	10	R.LIAGILPDLVK.G	16
PLOG-7197	proteomics_log	3193519	3193587	-	5	2	R.MIVLGALEAVDWWVSFEEDTPQR.L	27
PLOG-7198	proteomics_log	3193588	3193629	-	5	2	R.LKGDSRPVNPQR.M	18
PLOG-7199	proteomics_log	3193630	3193668	-	5	5	R.LIVAVNSDASTKR.L	17
PLOG-7200	proteomics_log	3193630	3193683	-	5	6	R.KLGDRILIVAVNSDASTKR.L	22
PLOG-7201	proteomics_log	3193684	3193752	-	5	7	K.VVMTNGVFDILHAGHVSYLANAR.K	27
PLOG-7202	proteomics_log	3193837	3193884	-	5	46	K.LGTSTVSPIELENAVR.G	20
PLOG-7203	proteomics_log	3194080	3194121	-	5	9	K.LIADYELSALLVTR.S	18
PLOG-7204	proteomics_log	3194161	3194214	-	5	2	R.GATLLTPNLSEFEAVVGK.C	22
PLOG-7205	proteomics_log	3194161	3194220	-	5	33	R.YRGATLLTPNLSEFEAVVGK.C	24
PLOG-7206	proteomics_log	3194239	3194307	-	5	5	A.LASVQQMIQLARKAGVPVLIDPK.G	27
PLOG-7207	proteomics_log	3194272	3194313	-	5	14	K.GALASVQQMIQLAR.K	18
PLOG-7208	proteomics_log	3194272	3194367	-	5	5	R.INQALSSIGALVLSYAKGALASVQQMIQLAR.K	36
PLOG-7209	proteomics_log	3194314	3194367	-	5	79	R.INQALSSIGALVLSYAK.G	22
PLOG-7210	proteomics_log	3194536	3194571	-	5	39	R.LVGLTGIDDAAR.A	16
PLOG-7211	proteomics_log	3194572	3194649	-	5	8	K.VNTIEERPGGAANVAMNIASLGANAR.L	30
PLOG-7212	proteomics_log	3194572	3194682	-	5	2	R.ISPEAPVPVVKVNTIEERPGGAANVAMNIASLGANAR.L	41
PLOG-7213	proteomics_log	3194683	3194745	-	5	3	R.AGVMVGDVMLDRYWYGPTSR.I	25
PLOG-7214	proteomics_log	3194746	3194775	-	5	3	G.MKVTLPEFER.A	14
PLOG-7215	proteomics_log	3195336	3195413	-	4	4	E.VDARLRPSGAAGM*LVTSAEAFADYQK.N	31
PLOG-7216	proteomics_log	3197758	3197865	-	5	5	R.DIDSILLLAGYDPPVVAQAWLENWQGLHHAATGQR.I	40
PLOG-7217	proteomics_log	3198253	3198333	-	5	10	K.ADVEQGLEAALELALAQQWYHEELWVR.G	31

PLOG-7218	proteomics_log	3206021	3206128	-	6	4	S.PAGTGSRAIMAMTASGARYRHHSVEGFIVLCLRKR.R.G	40
PLOG-7219	proteomics_log	3207816	3207854	-	4	2	R.AFEDAVVDTLMIK.C	17
PLOG-7220	proteomics_log	3208011	3208052	-	4	11	K.LGLDYPGGPLLSK.M	18
PLOG-7221	proteomics_log	3212998	3213057	-	5	5	R.VSLEKLVEAYRELDQALVVR.G	24
PLOG-7222	proteomics_log	3213776	3213814	-	6	2	R.RFEAEQYDPQVR.A	17
PLOG-7223	proteomics_log	3213836	3213895	-	6	8	R.LAQMQPADDYFIWITGEGK.V	24
PLOG-7224	proteomics_log	3214129	3214167	-	5	2	R.CRRNRRAINLRWQV.R	17
PLOG-7225	proteomics_log	3214370	3214411	-	6	95	R.IVLGGEALDGFTSR.G	18
PLOG-7226	proteomics_log	3214442	3214465	-	6	3	R.FRELTVLR.V	12
PLOG-7227	proteomics_log	3214478	3214537	-	6	2	L.ITITKAITMNNTPRYPQVR.N	24
PLOG-7228	proteomics_log	3215310	3215375	-	4	2	M.IFFICASLISLWLTRKSSTALK.L	26
PLOG-7229	proteomics_log	3215704	3215778	-	5	4	K.NVTQLIAQISHSTLEQADGLSSLTR.A	29
PLOG-7230	proteomics_log	3215704	3215808	-	5	3	R.TMEDIVAQVKNVTVLQIAQISHSTLEQADGLSSLTR.A	39
PLOG-7231	proteomics_log	3215917	3215946	-	5	46	R.GFAVVAGEVR.N	14
PLOG-7232	proteomics_log	3215917	3215946	-	5	46	R.GFAVVAGEVR.N	14
PLOG-7233	proteomics_log	3215917	3215946	-	5	46	R.GFAVVAGEVR.N	14
PLOG-7234	proteomics_log	3215917	3215946	-	5	46	R.GFAVVAGEVR.N	14
PLOG-7235	proteomics_log	3215965	3216042	-	5	2	G.TITSLINDIAFQTNILALNAAVEAAR.A	30
PLOG-7236	proteomics_log	3215965	3216048	-	5	2	R.IGTITSLINDIAFQTNILALNAAVEAAR.A	32
PLOG-7237	proteomics_log	3219595	3219645	-	5	8	L.RALLVLYSSFSAISRMR.C	22
PLOG-7238	proteomics_log	3231855	3231911	-	4	3	R.TLMDQYGLTSDLPEIGSK.S	23
PLOG-7239	proteomics_log	3237427	3237477	-	5	3	R.DGDWNM*VEVDNQHLDTD.K	22
PLOG-7240	proteomics_log	3239915	3239974	-	6	2	K.AMPQLLEEFIDTIVEFANGK.Q	24
PLOG-7241	proteomics_log	3242713	3242763	-	5	3	K.MTPFMTEFLLDTEFAR.R	21
PLOG-7242	proteomics_log	3243966	3243989	-	4	3	P.RVKSTPGR.F	12
PLOG-7243	proteomics_log	3251571	3251615	-	4	3	R.ERPVLTVQLLDKQPR.L	19
PLOG-7244	proteomics_log	3251785	3251838	-	5	4	S.AGGGVGTAGAGAGGYCYR.A	22
PLOG-7245	proteomics_log	3251817	3251870	-	4	2	K.ANTQLAITEVLGAWER.L	22
PLOG-7246	proteomics_log	3251958	3252011	-	4	3	R.VLLEAADKLTTDAEALAR.G	22
PLOG-7247	proteomics_log	3251958	3252017	-	4	2	R.GRVLLEAADKLTTDAEALAR.G	24
PLOG-7248	proteomics_log	3252069	3252137	-	4	7	R.VPSALSYTMQKLEELDVVLFDR.S	27
PLOG-7249	proteomics_log	3252069	3252173	-	4	25	R.GSFAAAADLGRVPSALSYTMQKLEELDVVLFDR.S	39
PLOG-7250	proteomics_log	3257752	3257778	-	5	16	K.LEIEIAVR.S	13
PLOG-7251	proteomics_log	3257752	3257796	-	5	4	R.LPKDVKLEIEIAVR.S	19
PLOG-7252	proteomics_log	3257779	3257796	-	5	4	R.LPKDVK.L	10
PLOG-7253	proteomics_log	3257779	3257796	-	5	4	R.LPKDVK.L	10
PLOG-7254	proteomics_log	3258467	3258499	-	6	26	K.GAVASLTSVAK.L	15
PLOG-7255	proteomics_log	3258467	3258499	-	6	26	K.GAVASLTSVAK.L	15
PLOG-7256	proteomics_log	3259361	3259387	-	6	28	R.TLVTKNSFR.F	13
PLOG-7257	proteomics_log	3259361	3259387	-	6	28	R.TLVTKNSFR.F	13
PLOG-7258	proteomics_log	3263136	3263165	-	4	19	G.KLDQYIQNRK.T	14
PLOG-7259	proteomics_log	3268692	3268796	-	4	3	V.VHQHGIDAVFSVLTSIGTLDEAFRGAYDNICRASR.N	39
PLOG-7260	proteomics_log	3269610	3269708	-	4	10	R.EIFPDAQYVSVPVADGGEGTVEAM*IAATQGAER.H	38
PLOG-7261	proteomics_log	3276073	3276105	-	5	4	R.GVSTHNEDEAR.L	15
PLOG-7262	proteomics_log	3280474	3280545	-	5	2	R.QLAIM*VVM*LLVIAKPRSCVSAGIS.R	30
PLOG-7263	proteomics_log	3288385	3288432	-	5	3	R.YSCFYRYCPNSLAANR.R	20

PLOG-7264	proteomics_log	3290575	3290613	-	5	7	R.TLALLQAEPLKK.A	17
PLOG-7265	proteomics_log	3290788	3290835	-	5	48	R.LLDSLEDIVAVLGESR.Y	20
PLOG-7266	proteomics_log	3290788	3290865	-	5	29	R.TLIFYESTHRLDSELEDIVAVLGESR.Y	30
PLOG-7267	proteomics_log	3291175	3291267	-	5	6	R.ALEVLQAVDLIAAEDTRHTGLLLQHFGINAR.L	35
PLOG-7268	proteomics_log	3298280	3298345	-	6	47	R.LADDALNGVTGLVEYHEHFNR.-	26
PLOG-7269	proteomics_log	3298280	3298345	-	6	47	R.LADDALNGVTGLVEYHEHFNR.-	26
PLOG-7270	proteomics_log	3298388	3298423	-	6	4	R.FGFELAAHDLR.C	16
PLOG-7271	proteomics_log	3298721	3298780	-	6	15	T.MLIRVEIPIDAPGIDALLRR.S	24
PLOG-7272	proteomics_log	3298721	3298780	-	6	15	T.MLIRVEIPIDAPGIDALLRR.S	24
PLOG-7273	proteomics_log	3298724	3298768	-	6	19	R.VEIPIDAPGIDALLR.R	19
PLOG-7274	proteomics_log	3301593	3301670	-	4	2	R.QIADQYRRGSTGNASHIVVFCQPVAM*.I	31
PLOG-7275	proteomics_log	3302343	3302432	-	4	6	R.M*QPRLVVENLPVDHNLIGVGAQDRLQAM*T.H	36
PLOG-7276	proteomics_log	3304137	3304163	-	4	2	G.GGRGFGGER.R	13
PLOG-7277	proteomics_log	3304167	3304235	-	4	2	R.ILNKPM*NM*QLLGDAQPHTGGERR.G	29
PLOG-7278	proteomics_log	3304170	3304235	-	4	2	R.ILNKPM*NM*QLLGDAQPHTGGER.R	28
PLOG-7279	proteomics_log	3304170	3304235	-	4	52	R.ILNKPMNMQLLGDAQPHTGGER.R	26
PLOG-7280	proteomics_log	3304170	3304241	-	4	2	R.TRILNKPM*NM*QLLGDAQPHTGGER.R	30
PLOG-7281	proteomics_log	3304242	3304277	-	4	2	K.GMPGEVLQHFTR.T	16
PLOG-7282	proteomics_log	3304242	3304313	-	4	2	K.LFASHSTIELPKGMPGEVLQHFTR.T	28
PLOG-7283	proteomics_log	3304242	3304313	-	4	2	K.LFASHSTIELPKGM*PGEVLQHFTR.T	29
PLOG-7284	proteomics_log	3304242	3304331	-	4	4	R.YIGNIKLFASHSTIELPKGM*PGEVLQHFTR.T	35
PLOG-7285	proteomics_log	3304278	3304313	-	4	21	K.LFASHSTIELPK.G	16
PLOG-7286	proteomics_log	3304278	3304331	-	4	11	R.YIGNIKLFASHSTIELPK.G	22
PLOG-7287	proteomics_log	3304332	3304376	-	4	53	R.HIVGAIANEGDISSR.Y	19
PLOG-7288	proteomics_log	3304413	3304439	-	4	4	R.DVGDMQLYR.I	13
PLOG-7289	proteomics_log	3304413	3304439	-	4	4	R.DVGDM*QLYR.I	14
PLOG-7290	proteomics_log	3304593	3304655	-	4	305	K.IQPTAEGEELDLETAAALLK.M	25
PLOG-7291	proteomics_log	3304593	3304670	-	4	7	R.ALLSKIQPTAEGEELDLETAAALLK.M	30
PLOG-7292	proteomics_log	3304593	3304712	-	4	5	K.VQQQLESSDLQYRALLSKIQPTAEGEELDLETAAALLK.M	44
PLOG-7293	proteomics_log	3304671	3304712	-	4	15	K.VQQQLESSDLQYR.A	18
PLOG-7294	proteomics_log	3304737	3304787	-	4	2	K.LTIPEVELPNAELLGKR.R	21
PLOG-7295	proteomics_log	3304737	3304796	-	4	55	R.TMKLTIPEVELPNAELLGKR.R	24
PLOG-7296	proteomics_log	3304740	3304787	-	4	18	K.LTIPEVELPNAELLGK.R	20
PLOG-7297	proteomics_log	3304827	3304850	-	4	7	R.ALLFVENR.E	12
PLOG-7298	proteomics_log	3304887	3304943	-	4	39	R.ISLVVNYDIPMDSSESYVHR.I	23
PLOG-7299	proteomics_log	3304962	3305012	-	4	26	R.LKDGRDLIATDVAAR.G	21
PLOG-7300	proteomics_log	3305082	3305117	-	4	8	K.NATLEVAEALER.N	16
PLOG-7301	proteomics_log	3305082	3305123	-	4	28	R.TKNATLEVAEALER.N	18
PLOG-7302	proteomics_log	3305124	3305168	-	4	25	R.FLEAEDFDAIIFVR.T	19
PLOG-7303	proteomics_log	3305190	3305255	-	4	3	R.IQSSVTTRPDISQSYWTVWGMR.K	26
PLOG-7304	proteomics_log	3305295	3305393	-	4	18	R.MGFIEDVETIMAIQIPEGHQ TALFSATMPEAIRR.I	37
PLOG-7305	proteomics_log	3305298	3305393	-	4	47	R.MGFIEDVETIMAIQIPEGHQ TALFSATMPEAIRR.R	36
PLOG-7306	proteomics_log	3305394	3305435	-	4	8	K.LSGLVLDEADEMLR.M	18
PLOG-7307	proteomics_log	3305394	3305456	-	4	6	R.GTLDLSKLSGLVLDEADEMLR.M	25
PLOG-7308	proteomics_log	3305478	3305513	-	4	16	R.QGPQIVVGTGPR.L	16
PLOG-7309	proteomics_log	3305541	3305576	-	4	4	R.GVNVVALYGGQR.Y	16

PLOG-7310	proteomics_log	3305586	3305630	-	4	22	R.ELAVQVAEAMTDFSK.H	19
PLOG-7311	proteomics_log	3305586	3305714	-	4	15	K.TAAFSLPLLQNLDPKAPQILVLAPTR.E	47
PLOG-7312	proteomics_log	3305631	3305714	-	4	33	K.TAAFSLPLLQNLDPKAPQILVLAPTR.E	32
PLOG-7313	proteomics_log	3307058	3307120	-	6	13	K.EATEQSQPAAPAEAPAAEQGE.-	25
PLOG-7314	proteomics_log	3307058	3307132	-	6	91	R.LSIKEATEQSQPAAPAEAPAAEQGE.-	29
PLOG-7315	proteomics_log	3307058	3307138	-	6	82	R.IRLSIKEATEQSQPAAPAEAPAAEQGE.-	31
PLOG-7316	proteomics_log	3307139	3307207	-	6	23	K.VTDYLQMGQEVVVKVLEVDQRGR.I	27
PLOG-7317	proteomics_log	3307139	3307216	-	6	3	R.VEKVTDYLQMGQEVVVKVLEVDQRGR.I	30
PLOG-7318	proteomics_log	3307148	3307207	-	6	27	K.VTDYLQMGQEVVVKVLEVDQR.Q	24
PLOG-7319	proteomics_log	3307166	3307207	-	6	5	K.VTDYLQMGQEVVVK.V	18
PLOG-7320	proteomics_log	3307208	3307255	-	6	2	K.EGLVHISQIADKRVEK.V	20
PLOG-7321	proteomics_log	3307208	3307297	-	6	7	R.IVDFGAFVAIGGGKEGLVHISQIADKRVEK.V	34
PLOG-7322	proteomics_log	3307217	3307255	-	6	2	K.EGLVHISQIADKR.V	17
PLOG-7323	proteomics_log	3307217	3307297	-	6	25	R.IVDFGAFVAIGGGKEGLVHISQIADKR.V	31
PLOG-7324	proteomics_log	3307220	3307297	-	6	3	R.IVDFGAFVAIGGGKEGLVHISQIADK.R	30
PLOG-7325	proteomics_log	3307256	3307297	-	6	25	R.IVDFGAFVAIGGGK.E	18
PLOG-7326	proteomics_log	3307298	3307321	-	6	3	R.VYTGKVTR.I	12
PLOG-7327	proteomics_log	3307298	3307357	-	6	10	R.IEEITAEIEVGRVYTGKVTR.I	24
PLOG-7328	proteomics_log	3307298	3307360	-	6	35	R.RIEEITAEIEVGRVYTGKVTR.I	25
PLOG-7329	proteomics_log	3307322	3307357	-	6	6	R.IEEITAEIEVGR.V	16
PLOG-7330	proteomics_log	3307322	3307360	-	6	17	R.RIEEITAEIEVGR.V	17
PLOG-7331	proteomics_log	3307361	3307402	-	6	5	K.IAATDGEKAKHAIR.R	18
PLOG-7332	proteomics_log	3307373	3307402	-	6	32	K.IAATDGEKAK.H	14
PLOG-7333	proteomics_log	3307403	3307459	-	6	8	R.ALTEETGTTIEIEDDGTVK.I	23
PLOG-7334	proteomics_log	3307460	3307513	-	6	11	K.INPKIKDVIGKGGSVIR.A	22
PLOG-7335	proteomics_log	3307460	3307528	-	6	134	R.IHTIKINPKIKDVIGKGGSVIR.A	27
PLOG-7336	proteomics_log	3307478	3307513	-	6	18	K.INPKIKDVIGK.G	16
PLOG-7337	proteomics_log	3307478	3307528	-	6	40	R.IHTIKINPKIKDVIGK.G	21
PLOG-7338	proteomics_log	3307529	3307555	-	6	61	R.GDISEFAPR.I	13
PLOG-7339	proteomics_log	3307529	3307600	-	6	14	R.LHILGVM*EQAINAPRGDISEFAPR.I	29
PLOG-7340	proteomics_log	3307529	3307600	-	6	359	R.LHILGVM*EQAINAPRGDISEFAPR.I	28
PLOG-7341	proteomics_log	3307529	3307609	-	6	2	K.GARLHILGVM*EQAINAPRGDISEFAPR.I	32
PLOG-7342	proteomics_log	3307529	3307609	-	6	4	K.GARLHILGVM*EQAINAPRGDISEFAPR.I	31
PLOG-7343	proteomics_log	3307556	3307600	-	6	11	R.LHILGVM*EQAINAPR.G	20
PLOG-7344	proteomics_log	3307556	3307600	-	6	352	R.LHILGVM*EQAINAPR.G	19
PLOG-7345	proteomics_log	3307565	3307600	-	6	3	R.LHILGVM*EQAINAPR.A	16
PLOG-7346	proteomics_log	3307601	3307660	-	6	47	K.IEGITKEIMQVALNQAQGAR.L	24
PLOG-7347	proteomics_log	3307601	3307693	-	6	26	R.DGISALQMDIKIEGITKEIMQVALNQAQGAR.L	35
PLOG-7348	proteomics_log	3307610	3307642	-	6	2	K.EIM*QVALNQAQ.G	16
PLOG-7349	proteomics_log	3307610	3307642	-	6	111	K.EIMQVALNQAQ.G	15
PLOG-7350	proteomics_log	3307610	3307660	-	6	268	K.IEGITKEIMQVALNQAQ.G	21
PLOG-7351	proteomics_log	3307610	3307693	-	6	2	R.DGISALQM*DIKIEGITKEIMQVALNQAQ.G	33
PLOG-7352	proteomics_log	3307610	3307693	-	6	245	R.DGISALQMDIKIEGITKEIMQVALNQAQ.G	32
PLOG-7353	proteomics_log	3307610	3307708	-	6	77	K.VAGSRDGISALQMDIKIEGITKEIMQVALNQAQ.G	37
PLOG-7354	proteomics_log	3307661	3307693	-	6	9	R.DGISALQM*DIK.I	16
PLOG-7355	proteomics_log	3307661	3307693	-	6	40	R.DGISALQMDIK.I	15

PLOG-7356	proteomics_log	3307709	3307780	-	6	3	K.EGDNYVVLSDILGDEDHLGDM*DFK.V	29
PLOG-7357	proteomics_log	3307709	3307780	-	6	19	K.EGDNYVVLSDILGDEDHLGDMDFK.V	28
PLOG-7358	proteomics_log	3307709	3307816	-	6	43	K.AAVAGIAMGLVKEGDNYVVLSDILGDEDHLGDMDFK.V	40
PLOG-7359	proteomics_log	3307781	3307816	-	6	13	K.AAVAGIAMGLV.K.E	16
PLOG-7360	proteomics_log	3307913	3307963	-	6	175	R.GVLAVMPDMDKFPYTVR.V	21
PLOG-7361	proteomics_log	3307913	3307966	-	6	3	K.RGVLAVMPDM*DKFPYTVR.V	23
PLOG-7362	proteomics_log	3307913	3307966	-	6	3	K.RGVLAVM*PDM*DKFPYTVR.V	24
PLOG-7363	proteomics_log	3307913	3307966	-	6	241	K.RGVLAVMPDMDKFPYTVR.V	22
PLOG-7364	proteomics_log	3307913	3307975	-	6	6	R.LAKRGVLAVMPDMDKFPYTVR.V	25
PLOG-7365	proteomics_log	3307913	3307975	-	6	6	R.LAKRGVLAVM*PDM*DKFPYTVR.V	27
PLOG-7366	proteomics_log	3308000	3308074	-	6	5	R.TDTFLFHYNFPYSGVETGM*VGSPK.R	30
PLOG-7367	proteomics_log	3308000	3308074	-	6	30	R.TDTFLFHYNFPYSGVETGMVGSPPK.R	29
PLOG-7368	proteomics_log	3308000	3308110	-	6	11	R.DAQVLDELGMERTDTFLFHYNFPYSGVETGMVGSPPK.R	41
PLOG-7369	proteomics_log	3308075	3308110	-	6	8	R.DAQVLDELGM*GER.T	17
PLOG-7370	proteomics_log	3308075	3308110	-	6	117	R.DAQVLDELGMGER.T	16
PLOG-7371	proteomics_log	3308075	3308155	-	6	2	R.GETQALVTATLGTARDAQVLDELGMGER.T	31
PLOG-7372	proteomics_log	3308075	3308182	-	6	6	R.THGSALFTRGETQALVTATLGTARDAQVLDELGMGER.T	40
PLOG-7373	proteomics_log	3308111	3308155	-	6	100	R.GETQALVTATLGTAR.D	19
PLOG-7374	proteomics_log	3308111	3308182	-	6	155	R.THGSALFTRGETQALVTATLGTAR.D	28
PLOG-7375	proteomics_log	3308156	3308182	-	6	18	R.THGSALFTR.G	13
PLOG-7376	proteomics_log	3308201	3308245	-	6	2	R.IDGREKDMIRGLDVR.T	19
PLOG-7377	proteomics_log	3308246	3308272	-	6	2	R.SRVLAGEPR.I	13
PLOG-7378	proteomics_log	3308273	3308368	-	6	230	K.SETIATLLAEDETLDENELGEILHAEIKNVVR.S	36
PLOG-7379	proteomics_log	3308273	3308392	-	6	248	R.YAQVDVIKSETIATLLAEDETLDENELGEILHAEIKNVVR.S	44
PLOG-7380	proteomics_log	3308285	3308368	-	6	224	K.SETIATLLAEDETLDENELGEILHAEIK.N	32
PLOG-7381	proteomics_log	3308285	3308392	-	6	253	R.YAQVDVIKSETIATLLAEDETLDENELGEILHAEIK.N	40
PLOG-7382	proteomics_log	3308369	3308392	-	6	24	R.YAQVDVIK.S	12
PLOG-7383	proteomics_log	3308393	3308413	-	6	2	R.ITDKQER.Y	11
PLOG-7384	proteomics_log	3308393	3308431	-	6	61	R.LSDAYRITDKQER.Y	17
PLOG-7385	proteomics_log	3308432	3308455	-	6	171	R.VAALAEAR.L	12
PLOG-7386	proteomics_log	3308456	3308500	-	6	114	R.WDWQPEPVNEALNAR.V	19
PLOG-7387	proteomics_log	3308669	3308731	-	6	29	R.VGYINDQYVLNPTQDELKESK.L	25
PLOG-7388	proteomics_log	3308732	3308827	-	6	3	N.PQVNPDIVAMIGASAALSLSGIPFNGPIGAAR.V	36
PLOG-7389	proteomics_log	3308912	3308950	-	6	170	R.EGRPSEGETLIAR.L	17
PLOG-7390	proteomics_log	3308912	3308953	-	6	198	R.REGRPSEGETLIAR.L	18
PLOG-7391	proteomics_log	3308954	3308992	-	6	21	R.TYAAGRIPGSFFR.R	17
PLOG-7392	proteomics_log	3308993	3309043	-	6	113	K.AKPGQDFFPLTVNYQER.T	21
PLOG-7393	proteomics_log	3308993	3309046	-	6	31	K.KAKPGQDFFPLTVNYQER.T	22
PLOG-7394	proteomics_log	3309047	3309094	-	6	4	M.VSMDDTAVFVTVVGQK.K	20
PLOG-7395	proteomics_log	3309116	3309166	-	6	17	K.FQYQGHTVTLETGMMAR.Q	21
PLOG-7396	proteomics_log	3309116	3309169	-	6	12	R.KFYQGHTVTLETGM*M*AR.Q	24
PLOG-7397	proteomics_log	3309116	3309169	-	6	177	R.KFYQGHTVTLETGMMAR.Q	22
PLOG-7398	proteomics_log	3309134	3309169	-	6	2	R.KFYQGHTVTLET.T	16
PLOG-7399	proteomics_log	3309455	3309475	-	6	384	R.YTQLIER.L	11
PLOG-7400	proteomics_log	3309455	3309487	-	6	4	K.DVARYTQLIER.L	15
PLOG-7401	proteomics_log	3309455	3309511	-	6	2	K.LLDYLKRKDVARYTQLIER.L	23

PLOG-7402	proteomics_log	3309476	3309511	-	6	7	K.LLDYLKRKDVAR.Y	16
PLOG-7403	proteomics_log	3309476	3309514	-	6	22	R.KLLDYLKRKDVAR.Y	17
PLOG-7404	proteomics_log	3309488	3309514	-	6	4	R.KLLDYLKRK.D	13
PLOG-7405	proteomics_log	3309491	3309514	-	6	50	R.KLLDYLKR.K	12
PLOG-7406	proteomics_log	3309491	3309517	-	6	43	R.RKLLDYLKR.K	13
PLOG-7407	proteomics_log	3309494	3309514	-	6	4	R.KLLDYLK.R	11
PLOG-7408	proteomics_log	3309563	3309655	-	6	9	R.DANDTGSTEVQVALLTAQINHLQGHFAEHKK.D	35
PLOG-7409	proteomics_log	3309563	3309676	-	6	2	K.IVSEFGRDANDTGSTEVQVALLTAQINHLQGHFAEHKK.D	42
PLOG-7410	proteomics_log	3309566	3309655	-	6	12	R.DANDTGSTEVQVALLTAQINHLQGHFAEHK.K	34
PLOG-7411	proteomics_log	3309656	3309676	-	6	31	K.IVSEFGR.D	11
PLOG-7412	proteomics_log	3309656	3309703	-	6	188	M.SLSTEATAKIVSEFGR.D	20
PLOG-7413	proteomics_log	3309677	3309703	-	6	217	M.SLSTEATAK.I	13
PLOG-7414	proteomics_log	3309677	3309709	-	6	2	F.KMSLSTEATAK.I	15
PLOG-7415	proteomics_log	3310680	3310700	-	4	2	K.RIYNANR.A	11
PLOG-7416	proteomics_log	3310802	3310831	-	6	10	R.RVNPDDSKED.-	14
PLOG-7417	proteomics_log	3310802	3310876	-	6	2	R.M*SNLVTSVVKHDEERRVNPDDSKED.-	30
PLOG-7418	proteomics_log	3310802	3310876	-	6	9	R.MSNLVTSVVKHDEERRVNPDDSKED.-	29
PLOG-7419	proteomics_log	3310829	3310876	-	6	2	R.MSNLVTSVVKHDEERR.V	20
PLOG-7420	proteomics_log	3310829	3310876	-	6	2	R.M*SNLVTSVVKHDEERR.V	21
PLOG-7421	proteomics_log	3310832	3310876	-	6	2	R.M*SNLVTSVVKHDEER.R	20
PLOG-7422	proteomics_log	3310832	3310876	-	6	67	R.MSNLVTSVVKHDEER.R	19
PLOG-7423	proteomics_log	3310847	3310876	-	6	3	R.MSNLVTSVVK.H	14
PLOG-7424	proteomics_log	3310877	3310930	-	6	3	R.IVPELTFYDNSLVEGM*R.M	23
PLOG-7425	proteomics_log	3310877	3310930	-	6	81	R.IVPELTFYDNSLVEGMR.M	22
PLOG-7426	proteomics_log	3310877	3310936	-	6	6	R.LRIVPELTFYDNSLVEGMR.M	24
PLOG-7427	proteomics_log	3310961	3311047	-	6	15	K.VYVTFLNKDEDVAVKAGIKALQEASGFIR.S	33
PLOG-7428	proteomics_log	3310991	3311047	-	6	3	K.VYVTFLNKDEDVAVKAGIK.A	23
PLOG-7429	proteomics_log	3311003	3311047	-	6	2	K.VYVTFLNKDEDVAVK.A	19
PLOG-7430	proteomics_log	3311066	3311107	-	6	6	R.LGMMTTVSGVEMSR.D	18
PLOG-7431	proteomics_log	3311126	3311170	-	6	6	R.VAQEMQKEIALILQR.E	19
PLOG-7432	proteomics_log	3311376	3311420	-	4	101	R.TGDVIEVFIEIQR.T	19
PLOG-7433	proteomics_log	3311469	3311495	-	4	77	R.FKDDVNEVR.N	13
PLOG-7434	proteomics_log	3311469	3311498	-	4	2	R.RFKDDVNEVR.N	14
PLOG-7435	proteomics_log	3311496	3311540	-	4	14	R.DNVVIYEGELESRR.F	19
PLOG-7436	proteomics_log	3311496	3311549	-	4	74	R.VLRDNVVIYEGELESRR.F	22
PLOG-7437	proteomics_log	3311496	3311564	-	4	4	R.HNPIRVLRDNVVIYEGELESRR.F	27
PLOG-7438	proteomics_log	3311499	3311540	-	4	2	R.DNVVIYEGELESRR	18
PLOG-7439	proteomics_log	3311634	3311738	-	4	20	R.YYSVIYNLIDEVKAAMSGMLSPELKQQIIGLAEVR.D	39
PLOG-7440	proteomics_log	3311664	3311738	-	4	41	R.YYSVIYNLIDEVKAAMSGMLSPELK.Q	29
PLOG-7441	proteomics_log	3311664	3311771	-	4	3	R.KVIEAESLDRYYSVIYNLIDEVKAAMSGMLSPELK.Q	40
PLOG-7442	proteomics_log	3311700	3311738	-	4	26	R.YYSVIYNLIDEVK.A	17
PLOG-7443	proteomics_log	3311739	3311771	-	4	9	R.KVIEAESLDR.Y	15
PLOG-7444	proteomics_log	3311790	3311879	-	4	36	K.IIGSGVGGITETDATALAAASNAILVGFNVR.A	34
PLOG-7445	proteomics_log	3311880	3311906	-	4	2	K.LSTDEVKVK.I	13
PLOG-7446	proteomics_log	3311907	3312023	-	4	8	K.SKLENMFANMTEGEVHEVNIVLKADVQGSVEAISDSLLK.L	43
PLOG-7447	proteomics_log	3311955	3312023	-	4	14	K.SKLENMFANMTEGEVHEVNIVLK.A	27

PLOG-7448	proteomics_log	3312033	3312056	-	4	2	K.FREVKLAR.Q	12
PLOG-7449	proteomics_log	3312084	3312206	-	4	4	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEKKAR.E	45
PLOG-7450	proteomics_log	3312090	3312206	-	4	5	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEKK.A	43
PLOG-7451	proteomics_log	3312093	3312206	-	4	57	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEK.K	42
PLOG-7452	proteomics_log	3312093	3312215	-	4	2	R.AMRNELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEK.K	45
PLOG-7453	proteomics_log	3312093	3312215	-	4	2	R.AM*RNELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEK.K	46
PLOG-7454	proteomics_log	3312102	3312206	-	4	7	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVR.D	39
PLOG-7455	proteomics_log	3312222	3312275	-	4	5	R.EGTLHKGDIVLCGFYGR.V	22
PLOG-7456	proteomics_log	3312276	3312302	-	4	23	R.GPVATVLVR.E	13
PLOG-7457	proteomics_log	3312276	3312308	-	4	3	K.GRGPVATVLVR.E	15
PLOG-7458	proteomics_log	3312276	3312350	-	4	2	K.GM*ASGAVIESFLDKGRGPVATVLVR.E	30
PLOG-7459	proteomics_log	3312276	3312350	-	4	88	K.GMASGAVIESFLDKGRGPVATVLVR.E	29
PLOG-7460	proteomics_log	3312276	3312353	-	4	14	R.KGM*ASGAVIESFLDKGRGPVATVLVR.E	31
PLOG-7461	proteomics_log	3312276	3312353	-	4	117	R.KGMASGAVIESFLDKGRGPVATVLVR.E	30
PLOG-7462	proteomics_log	3312303	3312350	-	4	7	K.GMASGAVIESFLDKGR.G	20
PLOG-7463	proteomics_log	3312303	3312353	-	4	3	R.KGM*ASGAVIESFLDKGR.G	22
PLOG-7464	proteomics_log	3312303	3312353	-	4	37	R.KGMASGAVIESFLDKGR.G	21
PLOG-7465	proteomics_log	3312309	3312353	-	4	6	R.KGMASGAVIESFLDK.G	19
PLOG-7466	proteomics_log	3312351	3312428	-	4	149	K.AGTGIDELLDAILLQAEVLELKAVRK.G	30
PLOG-7467	proteomics_log	3312354	3312401	-	4	2	L.DAILLQAEVLELKAVR.K	20
PLOG-7468	proteomics_log	3312354	3312404	-	4	2	L.LDAILLQAEVLELKAVR.K	21
PLOG-7469	proteomics_log	3312354	3312428	-	4	313	K.AGTGIDELLDAILLQAEVLELKAVR.K	29
PLOG-7470	proteomics_log	3312363	3312428	-	4	539	K.AGTGIDELLDAILLQAEVLELK.A	26
PLOG-7471	proteomics_log	3312540	3312575	-	4	3	K.AAQVPVVAVNK.I	16
PLOG-7472	proteomics_log	3312576	3312665	-	4	27	R.GAQATDIVVLVVAADDGVM*PQTIEAIQHAK.A	35
PLOG-7473	proteomics_log	3312576	3312665	-	4	256	R.GAQATDIVVLVVAADDGVM*PQTIEAIQHAK.A	34
PLOG-7474	proteomics_log	3312576	3312671	-	4	4	R.ARGAQATDIVVLVVAADDGVM*PQTIEAIQHAK.A	37
PLOG-7475	proteomics_log	3312576	3312671	-	4	133	R.ARGAQATDIVVLVVAADDGVM*PQTIEAIQHAK.A	36
PLOG-7476	proteomics_log	3312672	3312791	-	4	3	K.VASGEAGGITQHIGAYHVETENGM*ITFLDTPGHAAFTSM*R.A	46
PLOG-7477	proteomics_log	3312672	3312791	-	4	14	K.VASGEAGGITQHIGAYHVETENGMITFLDTPGHAAFTSMR.A	44
PLOG-7478	proteomics_log	3312672	3312800	-	4	4	R.STKVASGEAGGITQHIGAYHVETENGMITFLDTPGHAAFTSMR.A	47
PLOG-7479	proteomics_log	3312756	3312791	-	4	3	K.VASGEAGGITQH.I	16
PLOG-7480	proteomics_log	3312801	3312824	-	4	33	K.TSLLDYIR.S	12
PLOG-7481	proteomics_log	3312801	3312866	-	4	6	R.APVVTIM*GHVDHGKTSLLDYIR.S	27
PLOG-7482	proteomics_log	3312801	3312866	-	4	216	R.APVVTIMGHVDHGKTSLLDYIR.S	26
PLOG-7483	proteomics_log	3312825	3312866	-	4	33	R.APVVTIMGHVDHGK.T	18
PLOG-7484	proteomics_log	3312867	3312893	-	4	7	R.DTGAAAEPR.A	13
PLOG-7485	proteomics_log	3312867	3312929	-	4	9	R.ENELEEAVMSDRDTGAAAEPR.A	25
PLOG-7486	proteomics_log	3312867	3312932	-	4	4	R.RENELEEAVMSDRDTGAAAEPR.A	26
PLOG-7487	proteomics_log	3312930	3313022	-	4	29	K.LGAMATINQVIDQETAQLVAEEMGHKVIILR.E	35
PLOG-7488	proteomics_log	3312933	3313022	-	4	2	K.LGAM*ATINQVIDQETAQLVAEEMGHKVIILR.R	35
PLOG-7489	proteomics_log	3312933	3313022	-	4	4	K.LGAMATINQVIDQETAQLVAEEM*GHKVIILR.R	35
PLOG-7490	proteomics_log	3312933	3313022	-	4	42	K.LGAMATINQVIDQETAQLVAEEMGHKVIILR.R	34
PLOG-7491	proteomics_log	3312945	3313022	-	4	2	K.LGAMATINQVIDQETAQLVAEEM*GHK.V	31
PLOG-7492	proteomics_log	3312945	3313022	-	4	3	K.LGAM*ATINQVIDQETAQLVAEEMGHK.V	31
PLOG-7493	proteomics_log	3312945	3313022	-	4	2	K.LGAM*ATINQVIDQETAQLVAEEM*GHK.V	32

PLOG-7494	proteomics_log	3312945	3313022	-	4	106	K.LGAMATINQVIDQETAQLVAEEMGHK.V	30
PLOG-7495	proteomics_log	3312945	3313034	-	4	4	K.AMMKLGAMATINQVIDQETAQLVAEEMGHK.V	34
PLOG-7496	proteomics_log	3313023	3313064	-	4	4	K.M*AVKGSQVIKAM*M*K.L	21
PLOG-7497	proteomics_log	3313035	3313064	-	4	2	K.M*AVKGSQVIK.A	15
PLOG-7498	proteomics_log	3313035	3313064	-	4	9	K.MAVKGSQVIK.A	14
PLOG-7499	proteomics_log	3313065	3313112	-	4	7	R.DVVIGETITVGELANK.M	20
PLOG-7500	proteomics_log	3313065	3313163	-	4	2	K.GSSLQQGFQKPAQAVNRDVVIGETITVGELANK.M	37
PLOG-7501	proteomics_log	3313200	3313235	-	4	2	K.HAESKADREEAR.A	16
PLOG-7502	proteomics_log	3313326	3313412	-	4	2	R.M*AEENKWTDNAEPTEDSSDYHVTTTSQHAR.Q	34
PLOG-7503	proteomics_log	3313326	3313412	-	4	4	R.MAEENKWTDNAEPTEDSSDYHVTTTSQHAR.Q	33
PLOG-7504	proteomics_log	3313437	3313460	-	4	10	R.RKLEEEAR.R	12
PLOG-7505	proteomics_log	3313482	3313508	-	4	2	R.EQEAAELKR.K	13
PLOG-7506	proteomics_log	3313482	3313511	-	4	39	R.REQEAAELKR.K	14
PLOG-7507	proteomics_log	3313536	3313586	-	4	2	R.EAAEKDKVSNQDDM*TK.N	22
PLOG-7508	proteomics_log	3313587	3313634	-	4	2	R.EAAEQAKREAAEQAKR.E	20
PLOG-7509	proteomics_log	3313686	3313733	-	4	3	R.LAAEEQAQREAAEQAR.R	20
PLOG-7510	proteomics_log	3313707	3313733	-	4	19	R.LAAEEQAQR.E	13
PLOG-7511	proteomics_log	3313734	3313769	-	4	4	R.TFVKRDPQEAER.L	16
PLOG-7512	proteomics_log	3313779	3313805	-	4	7	K.SKSVQIEVR.K	13
PLOG-7513	proteomics_log	3313800	3313838	-	4	33	R.STLNIPGTGGKSK.S	17
PLOG-7514	proteomics_log	3313806	3313838	-	4	18	R.STLNIPGTGGK.S	15
PLOG-7515	proteomics_log	3313848	3313880	-	4	27	K.NSGPDKLTLQR.K	15
PLOG-7516	proteomics_log	3313848	3313946	-	4	6	R.KSADDSVSAQEKQTLIDHLNQNKNSGPKLTLQR.K	37
PLOG-7517	proteomics_log	3313881	3313910	-	4	3	K.QTLIDHLNQN.K	14
PLOG-7518	proteomics_log	3313881	3313943	-	4	8	K.SADDSVSAQEKQTLIDHLNQN.K	25
PLOG-7519	proteomics_log	3313881	3313946	-	4	4	R.KSADDSVSAQEKQTLIDHLNQN.K	26
PLOG-7520	proteomics_log	3313911	3313943	-	4	29	K.SADDSVSAQEK.Q	15
PLOG-7521	proteomics_log	3313911	3313946	-	4	15	R.KSADDSVSAQEK.Q	16
PLOG-7522	proteomics_log	3313944	3313979	-	4	76	R.LVQQFADAGIRK.S	16
PLOG-7523	proteomics_log	3313947	3313979	-	4	61	R.LVQQFADAGIR.K	15
PLOG-7524	proteomics_log	3313980	3314015	-	4	47	K.TLAAERQTSVER.L	16
PLOG-7525	proteomics_log	3313980	3314033	-	4	3	M.TDVTIKTLAAERQTSVER.L	22
PLOG-7526	proteomics_log	3313998	3314033	-	4	27	M.TDVTIKTLAAER.Q	16
PLOG-7527	proteomics_log	3314091	3314117	-	4	9	K.AGALIMAAR.N	13
PLOG-7528	proteomics_log	3314091	3314147	-	4	4	L.ADIEGLTDEKAGALIMAAR.N	23
PLOG-7529	proteomics_log	3314091	3314162	-	4	3	Q.GIDDLADIEGLTDEKAGALIMAAR.N	28
PLOG-7530	proteomics_log	3314091	3314195	-	4	7	R.GVCTLEDLAEQGIDDLADIEGLTDEKAGALIMAAR.N	39
PLOG-7531	proteomics_log	3314127	3314195	-	4	6	R.GVCTLEDLAEQGIDDLADIEGLT.D	27
PLOG-7532	proteomics_log	3314196	3314321	-	4	2	R.AKNALATIAQAQEEESLGDNKPADDLLNLEGVDRDLAFKLAAR.G	46
PLOG-7533	proteomics_log	3314208	3314315	-	4	12	K.NALATIAQAQEEESLGDNKPADDLLNLEGVDRDLAFK.L	40
PLOG-7534	proteomics_log	3314466	3314507	-	4	12	K.HQAEAHAAIDTFTK.Y	18
PLOG-7535	proteomics_log	3314508	3314570	-	4	19	R.LASQLSGWELNVMTVDDLQAK.H	25
PLOG-7536	proteomics_log	3314589	3314663	-	4	11	S.IVVDEDKHTMDIAVEAGNLAQAIGR.N	29
PLOG-7537	proteomics_log	3314739	3314774	-	4	226	R.VQAVSTELGGER.I	16
PLOG-7538	proteomics_log	3314781	3314816	-	4	9	R.IDPVGACVGMRG.A	16
PLOG-7539	proteomics_log	3314781	3314831	-	4	4	K.TNDKRIDPVGACVGMRG.A	21

PLOG-7540	proteomics_log	3314784	3314816	-	4	5	R.IDPVGACVGM.R.G	15
PLOG-7541	proteomics_log	3314817	3314843	-	4	22	K.IAVKTNDKR.I	13
PLOG-7542	proteomics_log	3314817	3314849	-	4	53	R.AKIYVKTNDKR.I	15
PLOG-7543	proteomics_log	3314877	3314918	-	4	135	R.IEVPEIGEEVIEIK.A	18
PLOG-7544	proteomics_log	3314877	3314951	-	4	143	R.SKPEMLIELFRIEVP EIGEEVIEIK.A	29
PLOG-7545	proteomics_log	3314919	3314951	-	4	6	R.SKPEM*LIELFR.I	16
PLOG-7546	proteomics_log	3314919	3314951	-	4	354	R.SKPEMLIELFR.I	15
PLOG-7547	proteomics_log	3314952	3314975	-	4	259	R.GAQLFVTR.S	12
PLOG-7548	proteomics_log	3314976	3315008	-	4	18	R.GVLYSVRPEAR.G	15
PLOG-7549	proteomics_log	3315039	3315107	-	4	33	R.DNISLDLGNNAEAVILREDMLPR.E	27
PLOG-7550	proteomics_log	3315039	3315116	-	4	18	K.VNRDNISLDLGNNAEAVILREDMLPR.E	30
PLOG-7551	proteomics_log	3315039	3315119	-	4	2	K.KVNRDNISLDLGNNAEAVILREDMLPR.E	31
PLOG-7552	proteomics_log	3315039	3315119	-	4	2	K.KVNRDNISLDLGNNAEAVILREDM*LPR.E	32
PLOG-7553	proteomics_log	3315108	3315179	-	4	4	R.AMVVDQFREHEGEIITGVVKKVNR.D	28
PLOG-7554	proteomics_log	3315117	3315179	-	4	80	R.AMVVDQFREHEGEIITGVVKK.V	25
PLOG-7555	proteomics_log	3315120	3315155	-	4	4	R.EHEGEIITGVVK.K	16
PLOG-7556	proteomics_log	3315120	3315179	-	4	4	R.AM*VVDQFREHEGEIITGVVK.K	25
PLOG-7557	proteomics_log	3315120	3315179	-	4	117	R.AMVVDQFREHEGEIITGVVK.K	24
PLOG-7558	proteomics_log	3315180	3315215	-	4	9	K.QVIVQKVREAER.A	16
PLOG-7559	proteomics_log	3315192	3315236	-	4	26	R.ITTQTAKQVIVQKVR.E	19
PLOG-7560	proteomics_log	3315198	3315236	-	4	35	R.ITTQTAKQVIVQK.V	17
PLOG-7561	proteomics_log	3315216	3315305	-	4	44	R.YEDES LNLGDYVEDQIESVTFDRITTQTAK.Q	34
PLOG-7562	proteomics_log	3315237	3315305	-	4	82	R.YEDES LNLGDYVEDQIESVTFDR.I	27
PLOG-7563	proteomics_log	3315306	3315365	-	4	187	R.WLVVDEVTQPTKEITLAAAR.Y	24
PLOG-7564	proteomics_log	3315330	3315365	-	4	5	R.WLVVDEVTQPTK.E	16
PLOG-7565	proteomics_log	3315411	3315434	-	4	2	K.YEQEIDVR.V	12
PLOG-7566	proteomics_log	3315411	3315437	-	4	12	K.KYEQEIDVR.V	13
PLOG-7567	proteomics_log	3315411	3315440	-	4	55	K.KKYEQ EIDVR.V	14
PLOG-7568	proteomics_log	3315411	3315482	-	4	109	K.IFEALESALATATKKKYEQ EIDVR.V	28
PLOG-7569	proteomics_log	3315411	3315488	-	4	52	R.EKIFEALESALATATKKKYEQ EIDVR.V	30
PLOG-7570	proteomics_log	3315411	3315500	-	4	2	K.ALPREKIFEALESALATATKKKYEQ EIDVR.V	34
PLOG-7571	proteomics_log	3315438	3315482	-	4	29	K.IFEALESALATATKK.K	19
PLOG-7572	proteomics_log	3315438	3315488	-	4	22	R.EKIFEALESALATATKK.K	21
PLOG-7573	proteomics_log	3315438	3315500	-	4	3	K.ALPREKIFEALESALATATKK.K	25
PLOG-7574	proteomics_log	3315441	3315482	-	4	110	K.IFEALESALATATK.K	18
PLOG-7575	proteomics_log	3315441	3315488	-	4	163	R.EKIFEALESALATATK.K	20
PLOG-7576	proteomics_log	3315441	3315500	-	4	4	K.ALPREKIFEALESALATATK.K	24
PLOG-7577	proteomics_log	3315483	3315548	-	4	2	A.M*NKEILAVVEAVSNEKALPREK.I	27
PLOG-7578	proteomics_log	3315483	3315548	-	4	52	A.MNKEILAVVEAVSNEKALPREK.I	26
PLOG-7579	proteomics_log	3315489	3315530	-	4	2	L.AVVEAVSNEKALPR.E	18
PLOG-7580	proteomics_log	3315489	3315548	-	4	17	A.M*NKEILAVVEAVSNEKALPR.E	25
PLOG-7581	proteomics_log	3315489	3315548	-	4	171	A.MNKEILAVVEAVSNEKALPR.E	24
PLOG-7582	proteomics_log	3315501	3315539	-	4	22	K.EILAVVEAVSNEK.A	17
PLOG-7583	proteomics_log	3315501	3315548	-	4	9	A.M*NKEILAVVEAVSNEK.A	21
PLOG-7584	proteomics_log	3315501	3315548	-	4	289	A.MNKEILAVVEAVSNEK.A	20
PLOG-7585	proteomics_log	3315933	3316025	-	4	83	L.STLEQKLTEMITAPVEALGFELVGIEFIRGR.T	35

PLOG-7586	proteomics_log	3315939	3316007	-	4	37	K.LTEMITAPVEALGFELVGIEFIR.G	27
PLOG-7587	proteomics_log	3315939	3316025	-	4	36	L.STLEQKLTEMITAPVEALGFELVGIEFIR.G	33
PLOG-7588	proteomics_log	3318400	3318456	-	5	6	Y.DNSIHYTDSLLGQVFELLK.D	23
PLOG-7589	proteomics_log	3320758	3320832	-	5	3	R.VMVEGEDEAQVTEFAHRIADAVKAV.-	29
PLOG-7590	proteomics_log	3320782	3320832	-	5	5	R.VM*VEGEDEAQVTEFAHR.I	22
PLOG-7591	proteomics_log	3320782	3320832	-	5	14	R.VMVEGEDEAQVTEFAHR.I	21
PLOG-7592	proteomics_log	3320872	3320961	-	5	2	R.YTAGSGDPLEHESVKAVTAEVEAALGNRGR.V	34
PLOG-7593	proteomics_log	3320878	3320916	-	5	3	K.AVTAEVEAALGNR.G	17
PLOG-7594	proteomics_log	3320878	3320961	-	5	63	R.YTAGSGDPLEHESVKAVTAEVEAALGNR.G	32
PLOG-7595	proteomics_log	3320917	3320961	-	5	4	R.YTAGSGDPLEHESVK.A	19
PLOG-7596	proteomics_log	3320962	3320991	-	5	11	K.MFPQILVNR.Y	14
PLOG-7597	proteomics_log	3321031	3321087	-	5	36	K.TTTGDGIVAGLQVLAAMAR.N	23
PLOG-7598	proteomics_log	3321031	3321129	-	5	190	R.IGAENSGHVILLDKTTTGDGIVAGLQVLAAMAR.N	37
PLOG-7599	proteomics_log	3321139	3321183	-	5	2	R.AKVGDRYVLEKM*QEK.G	20
PLOG-7600	proteomics_log	3321151	3321183	-	5	15	R.AKVGDRYVLEK.M	15
PLOG-7601	proteomics_log	3321184	3321261	-	5	31	R.GGAVGTLMSNMGLELALKQLGIPFAR.A	30
PLOG-7602	proteomics_log	3321184	3321276	-	5	2	R.QGQLRGGAVGTLMSNM*GLELALKQLGIPFAR.A	36
PLOG-7603	proteomics_log	3321184	3321276	-	5	13	R.QGQLRGGAVGTLMSNMGLELALKQLGIPFAR.A	35
PLOG-7604	proteomics_log	3321208	3321261	-	5	20	R.GGAVGTLMSNMGLELALK.Q	22
PLOG-7605	proteomics_log	3321565	3321603	-	5	3	K.ATFPNELSLSELK.I	17
PLOG-7606	proteomics_log	3321826	3321936	-	5	8	R.ISGYMLESALAEGLAAAGLSALFTGPM*PTPAVAYLTR.T	42
PLOG-7607	proteomics_log	3321826	3321936	-	5	212	R.ISGYMLESALAEGLAAAGLSALFTGPMPTPAVAYLTR.T	41
PLOG-7608	proteomics_log	3321937	3321963	-	5	13	R.KIIGKDTR.I	13
PLOG-7609	proteomics_log	3321976	3322008	-	5	9	K.LGWAAGKVLAR.H	15
PLOG-7610	proteomics_log	3321976	3322047	-	5	6	R.VGDAPITPDFVLKLGWAAGKVLAR.H	28
PLOG-7611	proteomics_log	3321988	3322047	-	5	2	R.VGDAPITPDFVLKLGWAAGK.V	24
PLOG-7612	proteomics_log	3322009	3322047	-	5	168	R.VGDAPITPDFVLK.L	17
PLOG-7613	proteomics_log	3322048	3322089	-	5	2	M.SNRKYFGTDGIRGR.V	18
PLOG-7614	proteomics_log	3322048	3322089	-	5	2	M.SNRKYFGTDGIRGR.V	18
PLOG-7615	proteomics_log	3322133	3322168	-	6	5	R.VHDVKETVEAMR.V	16
PLOG-7616	proteomics_log	3322274	3322324	-	6	8	R.LAEFHFNPLPLVGMSR.K	21
PLOG-7617	proteomics_log	3322358	3322390	-	6	17	K.LLLDPGFGFGK.N	15
PLOG-7618	proteomics_log	3322421	3322444	-	6	2	R.YFIEQIAR.C	12
PLOG-7619	proteomics_log	3322421	3322495	-	6	5	K.TMQEAPKYDDVFAEVNRYFIEQIAR.C	29
PLOG-7620	proteomics_log	3322580	3322609	-	6	2	K.VGAHIINDIR.S	14
PLOG-7621	proteomics_log	3322622	3322702	-	6	3	R.VIPVVEAIAQRFEVWISVDTSKPEVIR.E	31
PLOG-7622	proteomics_log	3322670	3322702	-	6	6	R.VIPVVEAIAQR.F	15
PLOG-7623	proteomics_log	3323026	3323070	-	5	3	R.TPNPGNTM*SEQLGDK.-	20
PLOG-7624	proteomics_log	3323026	3323070	-	5	23	R.TPNPGNTMSEQLGDK.-	19
PLOG-7625	proteomics_log	3323173	3323217	-	5	32	K.YETIDAPQIDDLMAR.R	19
PLOG-7626	proteomics_log	3323173	3323274	-	5	79	R.QLLTDNMDILHAMKDALMKYETIDAPQIDDLMAR.R	38
PLOG-7627	proteomics_log	3323218	3323274	-	5	17	R.QLLTDNMDILHAMKDALMK.Y	23
PLOG-7628	proteomics_log	3323218	3323280	-	5	5	R.ARQLLTDNMDILHAMKDALMK.Y	25
PLOG-7629	proteomics_log	3323293	3323328	-	5	88	R.IIDQEVKALIER.N	16
PLOG-7630	proteomics_log	3323293	3323352	-	5	3	K.HMSDETARIIDQEVKALIER.N	24
PLOG-7631	proteomics_log	3323308	3323328	-	5	2	R.IIDQEVK.A	11

PLOG-7632	proteomics_log	3323329	3323352	-	5	8	K.HMSDETAR.I	12
PLOG-7633	proteomics_log	3323329	3323358	-	5	36	K.AKHMSDETAR.I	14
PLOG-7634	proteomics_log	3323371	3323421	-	5	189	K.LGPLLYAEEEGEVFLGR.S	21
PLOG-7635	proteomics_log	3323422	3323454	-	5	2	R.NM*VTQWGFSEK.L	16
PLOG-7636	proteomics_log	3323422	3323454	-	5	36	R.NMVTQWGFSEK.L	15
PLOG-7637	proteomics_log	3323455	3323538	-	5	139	R.LAEIIYGPEHVSTGASNDIKVATNLR.N	32
PLOG-7638	proteomics_log	3323476	3323538	-	5	7	R.LAEIIYGPEHVSTGASNDIK.V	25
PLOG-7639	proteomics_log	3323539	3323580	-	5	61	R.QKLESQISTLYGGR.L	18
PLOG-7640	proteomics_log	3323539	3323634	-	5	5	R.ALGVTFFLPEGDAISASRQKLESQISTLYGGR.L	36
PLOG-7641	proteomics_log	3323581	3323634	-	5	197	R.ALGVTFFLPEGDAISASR.Q	22
PLOG-7642	proteomics_log	3323581	3323640	-	5	26	R.GRALGVTFFLPEGDAISASR.Q	24
PLOG-7643	proteomics_log	3323641	3323688	-	5	33	R.LVPEHDPVHKVTIIPR.G	20
PLOG-7644	proteomics_log	3323689	3323733	-	5	13	K.ESTAYHEAGHAIIGR.L	19
PLOG-7645	proteomics_log	3323689	3323760	-	5	163	R.SMVMTEAQKESTAYHEAGHAIIGR.L	28
PLOG-7646	proteomics_log	3323689	3323763	-	5	2	R.RSMVMTEAQKESTAYHEAGHAIIGR.L	29
PLOG-7647	proteomics_log	3323689	3323763	-	5	2	R.RSM*VM*TEAQKESTAYHEAGHAIIGR.L	31
PLOG-7648	proteomics_log	3323761	3323823	-	5	12	R.VVSMVEFEKAKDKIMMGAERR.S	25
PLOG-7649	proteomics_log	3323764	3323823	-	5	6	R.VVSMVEFEKAKDKIMMGAERR.R	24
PLOG-7650	proteomics_log	3323797	3323823	-	5	2	R.VVSMVEFEK.A	13
PLOG-7651	proteomics_log	3323824	3323904	-	5	9	R.GTPGFSGADLANLVNEAALFAARGNKR.V	31
PLOG-7652	proteomics_log	3323836	3323904	-	5	342	R.GTPGFSGADLANLVNEAALFAAR.G	27
PLOG-7653	proteomics_log	3323905	3323949	-	5	181	R.RVPLAPDIDAIIAR.G	19
PLOG-7654	proteomics_log	3323950	3323982	-	5	8	R.GREQILKVHMR.R	15
PLOG-7655	proteomics_log	3323983	3324012	-	5	4	R.QVVVGLPDVR.G	14
PLOG-7656	proteomics_log	3324145	3324177	-	5	14	R.GAGLGGGHER.E	15
PLOG-7657	proteomics_log	3324232	3324261	-	5	5	R.VRDM*FEQAKK.A	15
PLOG-7658	proteomics_log	3324232	3324261	-	5	9	R.VRDMFEQAKK.A	14
PLOG-7659	proteomics_log	3324235	3324261	-	5	4	R.VRDMFEQAK.K	13
PLOG-7660	proteomics_log	3324349	3324399	-	5	33	K.GVLMVGPPGTGKTLLAK.A	21
PLOG-7661	proteomics_log	3324364	3324399	-	5	6	K.GVLMVGPPGTGK.T	16
PLOG-7662	proteomics_log	3324763	3324795	-	5	3	R.EINVTKKDSNR.Y	15
PLOG-7663	proteomics_log	3324763	3324807	-	5	3	R.INGREINVTKKDSNR.Y	19
PLOG-7664	proteomics_log	3325060	3325098	-	5	5	R.SREYIVATGRKP-	17
PLOG-7665	proteomics_log	3325159	3325194	-	5	2	K.VFQGEFDEYLR.E	16
PLOG-7666	proteomics_log	3325600	3325650	-	5	3	R.WLQEHFSDKYVQQAQKK.G	21
PLOG-7667	proteomics_log	3326354	3326419	-	6	2	R.IVGDDEADFKQNLISVNSPIAR.G	26
PLOG-7668	proteomics_log	3326483	3326533	-	6	9	K.LSNAQVIDVTKMPNNGR.V	21
PLOG-7669	proteomics_log	3326501	3326533	-	6	66	K.LSNAQVIDVTK.M	15
PLOG-7670	proteomics_log	3326582	3326626	-	6	24	R.EHGDLEKNAEYHAAR.E	19
PLOG-7671	proteomics_log	3326609	3326674	-	6	25	L.KSVRRPEIIAAIAEAREHGDLK.E	26
PLOG-7672	proteomics_log	3326627	3326662	-	6	56	R.RPEIIAAIAEAR.E	16
PLOG-7673	proteomics_log	3326627	3326671	-	6	30	K.SVRRPEIIAAIAEAR.E	19
PLOG-7674	proteomics_log	3326627	3326710	-	6	5	R.GAEKLREELDFLKSVRPEIIAAIAEAR.E	32
PLOG-7675	proteomics_log	3326663	3326698	-	6	2	K.LREELDFLKSVR.R	16
PLOG-7676	proteomics_log	3326663	3326710	-	6	17	R.GAEKLREELDFLKSVR.R	20
PLOG-7677	proteomics_log	3326663	3326737	-	6	3	Q.MQAIPMTLRGAEKLREELDFLKSVR.R	29

PLOG-7678	proteomics_log	3326672	3326698	-	6	7	K.LREELDFLK.S	13
PLOG-7679	proteomics_log	3326672	3326710	-	6	37	R.GAEKLREELDFLK.S	17
PLOG-7680	proteomics_log	3326672	3326737	-	6	56	Q.MQAIPMTLRGAEKLRREELDFLK.S	26
PLOG-7681	proteomics_log	3326711	3326737	-	6	38	Q.MQAIPMTLR.G	13
PLOG-7682	proteomics_log	3328811	3328882	-	6	2	K.AIAEALGWEDKYLLISAASGLGVK.D	28
PLOG-7683	proteomics_log	3328883	3328942	-	6	3	R.WLVFNKIDLLDKVEAEKAK.A	24
PLOG-7684	proteomics_log	3328889	3328942	-	6	3	R.WLVFNKIDLLDKVEAEK.A	22
PLOG-7685	proteomics_log	3328943	3328996	-	6	28	R.IIISELEKYSQDLATKPR.W	22
PLOG-7686	proteomics_log	3328997	3329059	-	6	74	R.VLLHLIDIDPIDGTDPVENAR.I	25
PLOG-7687	proteomics_log	3329087	3329134	-	6	2	I.PGLIEGAAEGAGLGIR.F	20
PLOG-7688	proteomics_log	3329087	3329155	-	6	96	K.SFVVADIPGLIEGAAEGAGLGIR.F	27
PLOG-7689	proteomics_log	3329087	3329170	-	6	4	R.M*DNEKSFVVADIPGLIEGAAEGAGLGIR.F	33
PLOG-7690	proteomics_log	3329087	3329170	-	6	8	R.MDNEKSFVVADIPGLIEGAAEGAGLGIR.F	32
PLOG-7691	proteomics_log	3329171	3329221	-	6	134	K.VADYPFTTLVPSLGVV.R.M	21
PLOG-7692	proteomics_log	3329171	3329245	-	6	5	R.AVSAAPKVVADYPFTTLVPSLGVV.R.M	29
PLOG-7693	proteomics_log	3329246	3329326	-	6	11	R.ELLLLEMLLADVGLGMPNAGKSTFIR.A	31
PLOG-7694	proteomics_log	3329261	3329326	-	6	43	R.ELLLLEMLLADVGLGMPNAGK.S	26
PLOG-7695	proteomics_log	3329360	3329389	-	6	20	R.FKSSVNRTPR.Q	14
PLOG-7696	proteomics_log	3329390	3329419	-	6	5	K.GGWHGLGNTR.F	14
PLOG-7697	proteomics_log	3329447	3329491	-	6	3	R.VIDQGTGETM*GDMTK.H	20
PLOG-7698	proteomics_log	3329447	3329491	-	6	3	R.VIDQGTGETM*GDM*TK.H	21
PLOG-7699	proteomics_log	3329447	3329491	-	6	48	R.VIDQGTGETMGDMTK.H	19
PLOG-7700	proteomics_log	3329492	3329530	-	6	19	R.GKDVTIKVPVGT.R.V	17
PLOG-7701	proteomics_log	3330887	3330910	-	6	361	R.KFISIEAE.-	12
PLOG-7702	proteomics_log	3330887	3330916	-	6	11	K.NRKFISIEAE.-	14
PLOG-7703	proteomics_log	3330911	3330943	-	6	33	K.VKFEVKGPKNR.K	15
PLOG-7704	proteomics_log	3330911	3330955	-	6	7	K.ADGKVKFEVKGPKNR.K	19
PLOG-7705	proteomics_log	3330917	3330943	-	6	8	K.VKFEVKGPK.N	13
PLOG-7706	proteomics_log	3330917	3330955	-	6	10	K.ADGKVKFEVKGPK.N	17
PLOG-7707	proteomics_log	3330926	3330955	-	6	5	K.ADGKVKFEVK.G	14
PLOG-7708	proteomics_log	3330956	3330976	-	6	22	R.DHTLFAK.A	11
PLOG-7709	proteomics_log	3330956	3331009	-	6	2	K.FHAGANVGCGRDHTLFAK.A	22
PLOG-7710	proteomics_log	3330977	3331009	-	6	2	K.FHAGANVGCGR.D	15
PLOG-7711	proteomics_log	3330986	3331009	-	6	2	K.FHAGANVG.C	12
PLOG-7712	proteomics_log	3330986	3331018	-	6	2	R.GTKFHAGANVG.C	15
PLOG-7713	proteomics_log	3331019	3331066	-	6	5	R.FGGESVLAGSIIVRQR.G	20
PLOG-7714	proteomics_log	3331019	3331069	-	6	37	K.RFGGESVLAGSIIVRQR.G	21
PLOG-7715	proteomics_log	3331025	3331066	-	6	772	R.FGGESVLAGSIIVR.Q	18
PLOG-7716	proteomics_log	3331025	3331069	-	6	138	K.RFGGESVLAGSIIVR.Q	19
PLOG-7717	proteomics_log	3331067	3331108	-	6	5	R.NGRDSEAKRLGVKR.F	18
PLOG-7718	proteomics_log	3331165	3331203	-	5	86	R.QWFTDVKITGISA.-	17
PLOG-7719	proteomics_log	3331165	3331221	-	5	115	R.KQQGHRQWFTDVKITGISA.-	23
PLOG-7720	proteomics_log	3331183	3331218	-	5	4	K.QQGHRQWFTDVK.I	16
PLOG-7721	proteomics_log	3331183	3331221	-	5	60	R.KQQGHRQWFTDVK.I	17
PLOG-7722	proteomics_log	3331246	3331293	-	5	7	K.AEVVAHGRGEKVKIVK.F	20
PLOG-7723	proteomics_log	3331255	3331293	-	5	159	K.AEVVAHGRGEKVK.I	17

PLOG-7724	proteomics_log	3331261	3331293	-	5	143	K.AEVVAHGRGEK.V	15
PLOG-7725	proteomics_log	3331270	3331293	-	5	7	K.AEVVAHGR.G	12
PLOG-7726	proteomics_log	3331270	3331329	-	5	17	K.IGVPFVDGGVIKAEVVAHGR.G	24
PLOG-7727	proteomics_log	3331294	3331329	-	5	21	K.IGVPFVDGGVIK.A	16
PLOG-7728	proteomics_log	3331330	3331410	-	5	2	R.LEKLDIATGETVEFAEVLMIANGEEVK.I	31
PLOG-7729	proteomics_log	3331330	3331434	-	5	4	R.VSEGQTVRLEKLDIATGETVEFAEVLMIANGEEVK.I	39
PLOG-7730	proteomics_log	3331402	3331434	-	5	79	R.VSEGQTVRLEK.L	15
PLOG-7731	proteomics_log	3331402	3331473	-	5	3	Y.MYAVFQSGGKQHRVSEGQTVRLEK.L	28
PLOG-7732	proteomics_log	3331411	3331434	-	5	70	R.VSEGQTVR.L	12
PLOG-7733	proteomics_log	3331411	3331437	-	5	3	H.RVSEGQTVR.L	13
PLOG-7734	proteomics_log	3331411	3331443	-	5	8	K.QHRVSEGQTVR.L	15
PLOG-7735	proteomics_log	3331411	3331473	-	5	104	Y.MYAVFQSGGKQHRVSEGQTVR.L	25
PLOG-7736	proteomics_log	3331435	3331464	-	5	2	A.VFQSGGKQHR.V	14
PLOG-7737	proteomics_log	3331435	3331467	-	5	6	Y.AVFQSGGKQHR.V	15
PLOG-7738	proteomics_log	3331435	3331470	-	5	4	M.YAVFQSGGKQHR.V	16
PLOG-7739	proteomics_log	3331435	3331473	-	5	20	Y.M*YAVFQSGGKQHR.V	18
PLOG-7740	proteomics_log	3331435	3331473	-	5	258	Y.MYAVFQSGGKQHR.V	17
PLOG-7741	proteomics_log	3331444	3331473	-	5	15	Y.M*YAVFQSGGK.Q	15
PLOG-7742	proteomics_log	3331444	3331473	-	5	206	Y.MYAVFQSGGK.Q	14
PLOG-7743	proteomics_log	3333260	3333295	-	6	7	R.ALGANIERVKGE.-	16
PLOG-7744	proteomics_log	3333404	3333439	-	6	3	K.LSGAQVM*ATDLR.A	17
PLOG-7745	proteomics_log	3333404	3333439	-	6	84	K.LSGAQVMATDLR.A	16
PLOG-7746	proteomics_log	3333524	3333631	-	6	23	R.TAPHPAFPTDM*QAQFTLLNLVAEGTGFITETVFENR.F	41
PLOG-7747	proteomics_log	3333524	3333631	-	6	184	R.TAPHPAFPTDMQAQFTLLNLVAEGTGFITETVFENR.F	40
PLOG-7748	proteomics_log	3333647	3333721	-	6	4	K.LRDAGADIEVGEDWISLDMHGKRPK.A	29
PLOG-7749	proteomics_log	3333656	3333721	-	6	2	K.LRDAGADIEVGEDWISLDMHGK.R	26
PLOG-7750	proteomics_log	3333722	3333760	-	6	16	R.NAQPDTLDAVLAK.L	17
PLOG-7751	proteomics_log	3333779	3333835	-	6	27	R.VLPDRIETGTFVLAAAIR.G	23
PLOG-7752	proteomics_log	3333893	3333955	-	6	2	R.EPEIVDTANFLITLGAKISGQ.G	25
PLOG-7753	proteomics_log	3334208	3334243	-	6	46	R.ASIWALGPLVAR.F	16
PLOG-7754	proteomics_log	3334352	3334378	-	6	3	K.LKDVDTSM*K.L	14
PLOG-7755	proteomics_log	3334352	3334450	-	6	5	K.NAALPILFAALLAEEPVEIQNVPKLKDVDTSMK.L	37
PLOG-7756	proteomics_log	3334373	3334450	-	6	2	K.NAALPILFAALLAEEPVEIQNVPKL.D	30
PLOG-7757	proteomics_log	3334379	3334450	-	6	121	K.NAALPILFAALLAEEPVEIQNVPK.L	28
PLOG-7758	proteomics_log	3334451	3334516	-	6	3	-.MDKFRVQGPTKLQGEVTISGAK.N	26
PLOG-7759	proteomics_log	3334451	3334516	-	6	3	-.M*DKFRVQGPTKLQGEVTISGAK.N	27
PLOG-7760	proteomics_log	3334988	3335020	-	6	5	K.LYNLPADVLP.R-	15
PLOG-7761	proteomics_log	3335081	3335131	-	6	96	R.VDTGGLALLLHLIDLAK.K	21
PLOG-7762	proteomics_log	3335081	3335140	-	6	2	R.VSRVDTGGLALLLHLIDLAK.K	24
PLOG-7763	proteomics_log	3335281	3335319	-	5	3	K.SISQQKITLEEKK.-	17
PLOG-7764	proteomics_log	3335284	3335313	-	5	2	I.SQQKITLEEK.K	14
PLOG-7765	proteomics_log	3335665	3335697	-	5	8	Y.AGALVLGQYYK.S	15
PLOG-7766	proteomics_log	3336019	3336069	-	5	2	K.SAM*VLEDLIGQFLYGSK.G	22
PLOG-7767	proteomics_log	3336019	3336069	-	5	28	K.SAMVLEDLIGQFLYGSK.G	21
PLOG-7768	proteomics_log	3336283	3336318	-	5	11	R.SPVSIGGVVGR.V	16
PLOG-7769	proteomics_log	3337533	3337616	-	4	3	R.AIALEPDLIM*FDEPFVQDPITMGVLVK.L	33

PLOG-7770	proteomics_log	3337533	3337616	-	4	3	R.AIALEPDLIM*FDEPFVQDPITM*GVLVK.L	34
PLOG-7771	proteomics_log	3337533	3337616	-	4	54	R.AIALEPDLIMFDEPFVQDPITMGVLVK.L	32
PLOG-7772	proteomics_log	3337857	3337931	-	4	2	R.LIGGQIAPDHGEILFDGENIPAMSR.S	29
PLOG-7773	proteomics_log	3342125	3342148	-	6	3	N.NDVARIAR.H	12
PLOG-7774	proteomics_log	3348185	3348265	-	6	10	R.GEIRPLAQADAAELDALIVPGGFGAAK.N	31
PLOG-7775	proteomics_log	3348185	3348274	-	6	92	R.ITRGEIRPLAQADAAELDALIVPGGFGAAK.N	34
PLOG-7776	proteomics_log	3348299	3348388	-	6	5	R.SGAQAVCFAPDKQQVDVINHLTGEAMTETR.N	34
PLOG-7777	proteomics_log	3348861	3348917	-	4	3	K.GIVEEGHKIKGAAGSVGLR.H	23
PLOG-7778	proteomics_log	3348975	3349007	-	4	27	K.LITDGLAVFEK.M	15
PLOG-7779	proteomics_log	3349008	3349067	-	4	2	K.SEALLDIPM*LEQYLELVGPK.L	25
PLOG-7780	proteomics_log	3349008	3349067	-	4	3	K.SEALLDIPMLEQYLELVGPK.L	24
PLOG-7781	proteomics_log	3349008	3349088	-	4	3	V.TTEENSKSEALLDIPM*LEQYLELVGPK.L	32
PLOG-7782	proteomics_log	3349008	3349088	-	4	31	V.TTEENSKSEALLDIPMLEQYLELVGPK.L	31
PLOG-7783	proteomics_log	3349920	3350003	-	4	2	K.VQLDNQPVDFTSFLADLENLSALQAQK.G	32
PLOG-7784	proteomics_log	3371515	3371595	-	5	6	M.ATNLRGVMAALLTPFDQQALDKASLR.R	31
PLOG-7785	proteomics_log	3372377	3372424	-	6	3	R.KKLSEMVEEELEQMIR.R	20
PLOG-7786	proteomics_log	3372452	3372502	-	6	3	L.MNAFDSQTEDSSPAIGR.N	21
PLOG-7787	proteomics_log	3374511	3374555	-	4	8	R.QVSVPLAAVLAIYAR.E	19
PLOG-7788	proteomics_log	3374625	3374657	-	4	2	R.DGQIVLNIAPR.A	15
PLOG-7789	proteomics_log	3374819	3374863	-	6	5	R.DSFLASLTEAEREMR.L	19
PLOG-7790	proteomics_log	3374819	3374875	-	6	81	R.VFERDSFLASLTEAEREMR.L	23
PLOG-7791	proteomics_log	3374828	3374863	-	6	14	R.DSFLASLTEAER.E	16
PLOG-7792	proteomics_log	3374900	3374941	-	6	35	R.LPQLGIEFSGPGAK.E	18
PLOG-7793	proteomics_log	3375056	3375127	-	6	3	R.IEKDWYTLMNTIINGSASEADAAR.K	28
PLOG-7794	proteomics_log	3375143	3375223	-	6	2	R.IIMEYLDERFPHPLMPVYPVARGESR.L	31
PLOG-7795	proteomics_log	3375155	3375223	-	6	59	R.IIMEYLDERFPHPLMPVYPVAR.G	27
PLOG-7796	proteomics_log	3375197	3375223	-	6	2	R.IIMEYLDER.F	13
PLOG-7797	proteomics_log	3375365	3375418	-	6	76	R.SVMTLFSGPTDIYSHQVR.I	22
PLOG-7798	proteomics_log	3375365	3375421	-	6	2	K.RSVMTLFSGPTDIYSHQVR.I	23
PLOG-7799	proteomics_log	3375365	3375439	-	6	5	M.AVAANKRSVM*TLFSGPTDIYSHQVR.I	30
PLOG-7800	proteomics_log	3375840	3375860	-	4	2	R.RPQFSKR.-	11
PLOG-7801	proteomics_log	3375864	3375890	-	4	3	R.KKVGLRKAR.R	13
PLOG-7802	proteomics_log	3375873	3375902	-	4	2	R.QVERKKVGLR.K	14
PLOG-7803	proteomics_log	3375912	3375944	-	4	14	R.SELRKAGFVTR.D	15
PLOG-7804	proteomics_log	3375912	3375974	-	4	17	R.ALMEYDESLRSELRKAGFVTR.D	25
PLOG-7805	proteomics_log	3375930	3375974	-	4	2	R.ALMEYDESLRSELRK.A	19
PLOG-7806	proteomics_log	3375933	3375974	-	4	63	R.ALMEYDESLRSELR.K	18
PLOG-7807	proteomics_log	3375945	3375974	-	4	30	R.ALM*EYDESLR.S	15
PLOG-7808	proteomics_log	3375945	3375974	-	4	208	R.ALMEYDESLR.S	14
PLOG-7809	proteomics_log	3375975	3376013	-	4	24	I.SGQAGAIRHGITR.A	17
PLOG-7810	proteomics_log	3375975	3376025	-	4	84	K.GGGISGQAGAIRHGITR.A	21
PLOG-7811	proteomics_log	3375975	3376049	-	4	14	K.LDLYITVKGGGISGQAGAIRHGITR.A	29
PLOG-7812	proteomics_log	3375975	3376094	-	4	7	R.M*VVRQPLELVD*VEKLDLYITVKGGGISGQAGAIRHGITR.A	46
PLOG-7813	proteomics_log	3375975	3376094	-	4	10	R.MVVRQPLELVD*VEKLDLYITVKGGGISGQAGAIRHGITR.A	44
PLOG-7814	proteomics_log	3375990	3376025	-	4	131	K.GGGISGQAGAIR.H	16
PLOG-7815	proteomics_log	3375990	3376046	-	4	14	L.DLYITVKGGGISGQAGAIR.H	23

PLOG-7816	proteomics_log	3375990	3376049	-	4	12	K.LDLYITVKGGGISGQAGAIR.H	24
PLOG-7817	proteomics_log	3375990	3376070	-	4	10	E.LVDM*VEKLDLYITVKGGGISGQAGAIR.H	32
PLOG-7818	proteomics_log	3375990	3376082	-	4	55	R.QPLELVDMEKLDLYITVKGGGISGQAGAIR.H	35
PLOG-7819	proteomics_log	3375990	3376094	-	4	3	R.M*VVRQPLELVDMEKLDLYITVKGGGISGQAGAIR.H	40
PLOG-7820	proteomics_log	3375990	3376094	-	4	3	R.M*VVRQPLELVDMEKLDLYITVKGGGISGQAGAIR.H	41
PLOG-7821	proteomics_log	3375990	3376094	-	4	287	R.MVVRQPLELVDMEKLDLYITVKGGGISGQAGAIR.H	39
PLOG-7822	proteomics_log	3376026	3376049	-	4	88	K.LDLYITVK.G	12
PLOG-7823	proteomics_log	3376026	3376082	-	4	368	R.QPLELVDMEKLDLYITVK.G	23
PLOG-7824	proteomics_log	3376026	3376094	-	4	21	R.MVVRQPLELVDMEKLDLYITVK.G	28
PLOG-7825	proteomics_log	3376026	3376094	-	4	21	R.M*VVRQPLELVDMEKLDLYITVK.G	29
PLOG-7826	proteomics_log	3376026	3376094	-	4	215	R.M*VVRQPLELVDMEKLDLYITVK.G	28
PLOG-7827	proteomics_log	3376026	3376094	-	4	1447	R.MVVRQPLELVDMEKLDLYITVK.G	27
PLOG-7828	proteomics_log	3376026	3376109	-	4	3	G.RETARMVVRQPLELVDMEKLDLYITVK.G	32
PLOG-7829	proteomics_log	3376050	3376082	-	4	2	R.QPLELVDMEK.L	15
PLOG-7830	proteomics_log	3376050	3376094	-	4	4	R.M*VVRQPLELVDMEK.L	21
PLOG-7831	proteomics_log	3376050	3376094	-	4	11	R.MVVRQPLELVDMEK.L	20
PLOG-7832	proteomics_log	3376050	3376094	-	4	15	R.M*VVRQPLELVDMEK.L	20
PLOG-7833	proteomics_log	3376050	3376094	-	4	172	R.MVVRQPLELVDMEK.L	19
PLOG-7834	proteomics_log	3376095	3376130	-	4	75	R.SLEQYFGRETAR.M	16
PLOG-7835	proteomics_log	3376104	3376130	-	4	107	R.SLEQYFGRE.T	13
PLOG-7836	proteomics_log	3376107	3376130	-	4	230	R.SLEQYFGR.E	12
PLOG-7837	proteomics_log	3376131	3376163	-	4	10	K.PGNGKIVINQR.S	15
PLOG-7838	proteomics_log	3376131	3376175	-	4	380	R.VFIKPGNGKIVINQR.S	19
PLOG-7839	proteomics_log	3376131	3376190	-	4	3	K.SSAARVFIKPGNGKIVINQR.S	24
PLOG-7840	proteomics_log	3376149	3376175	-	4	73	R.VFIKPGNGK.I	13
PLOG-7841	proteomics_log	3376197	3376226	-	4	314	M.AENQYYGTGR.R	14
PLOG-7842	proteomics_log	3376248	3376304	-	4	153	K.VYAGNEHNHAAQQPVLDI.-	23
PLOG-7843	proteomics_log	3376248	3376310	-	4	156	K.LKVYAGNEHNHAAQQPVLDI.-	25
PLOG-7844	proteomics_log	3376248	3376313	-	4	101	R.KLKVYAGNEHNHAAQQPVLDI.-	26
PLOG-7845	proteomics_log	3376248	3376325	-	4	2	R.AMFRKLVYAGNEHNHAAQQPVLDI.-	30
PLOG-7846	proteomics_log	3376269	3376304	-	4	49	K.VYAGNEHNHAAQ.Q	16
PLOG-7847	proteomics_log	3376326	3376355	-	4	5	K.GMLPKGPLGR.A	14
PLOG-7848	proteomics_log	3376326	3376376	-	4	5	R.VIEIAVKGM*LPKGPLGR.A	22
PLOG-7849	proteomics_log	3376326	3376376	-	4	277	R.VIEIAVKGMPLKGPLGR.A	21
PLOG-7850	proteomics_log	3376326	3376388	-	4	27	R.RPERVIEIAVKGMPLKGPLGR.A	25
PLOG-7851	proteomics_log	3376341	3376376	-	4	4	R.VIEIAVKGM*LPK.G	17
PLOG-7852	proteomics_log	3376341	3376376	-	4	164	R.VIEIAVKGMPLK.G	16
PLOG-7853	proteomics_log	3376356	3376376	-	4	12	R.VIEIAVK.G	11
PLOG-7854	proteomics_log	3376356	3376388	-	4	110	R.RPERVIEIAVK.G	15
PLOG-7855	proteomics_log	3376389	3376418	-	4	2	K.QATFEEM*IAR.R	15
PLOG-7856	proteomics_log	3376389	3376418	-	4	106	K.QATFEEM.IAR.R	14
PLOG-7857	proteomics_log	3376389	3376457	-	4	8	K.VYYHHTGHIGGIKQATFEEM.IAR.R	27
PLOG-7858	proteomics_log	3376389	3376466	-	4	3	R.TDKVYYHHTGHIGGIKQATFEEM.IAR.R	30
PLOG-7859	proteomics_log	3376419	3376457	-	4	3	K.VYYHHTGHIGGIK.Q	17
PLOG-7860	proteomics_log	3376419	3376466	-	4	16	R.TDKVYYHHTGHIGGIK.Q	20
PLOG-7861	proteomics_log	3376467	3376550	-	4	6	K.AEYTPHVDTDGYIIVLNADKVAVTGNKR.T	32

PLOG-7862	proteomics_log	3376470	3376550	-	4	9	K.AEYTPHVDTDGYIIVLNADKVAVTGNK.R	31
PLOG-7863	proteomics_log	3376470	3376556	-	4	6	K.HKAEYTPHVDTDGYIIVLNADKVAVTGNK.R	33
PLOG-7864	proteomics_log	3376491	3376550	-	4	9	K.AEYTPHVDTDGYIIVLNADK.V	24
PLOG-7865	proteomics_log	3376491	3376556	-	4	10	K.HKAEYTPHVDTDGYIIVLNADK.V	26
PLOG-7866	proteomics_log	3376491	3376562	-	4	3	R.GKHKAEYTPHVDTDGYIIVLNADK.V	28
PLOG-7867	proteomics_log	3376572	3376592	-	4	2	R.LATELAR.R	11
PLOG-7868	proteomics_log	3376572	3376604	-	4	29	K.TLGRATELAR.R	15
PLOG-7869	proteomics_log	3376572	3376634	-	4	11	R.DWYVVDATGKTLGRATELAR.R	25
PLOG-7870	proteomics_log	3376572	3376673	-	4	3	L.MKTFTAKPETVKRDWYVVDATGKTLGRATELAR.R	38
PLOG-7871	proteomics_log	3376593	3376634	-	4	133	R.DWYVVDATGKTLGR.L	18
PLOG-7872	proteomics_log	3376593	3376637	-	4	21	K.RDWYVVDATGKTLGR.L	19
PLOG-7873	proteomics_log	3376593	3376646	-	4	45	E.TVKRDWYVVDATGKTLGR.L	22
PLOG-7874	proteomics_log	3376593	3376667	-	4	7	K.TFTAKPETVKRDWYVVDATGKTLGR.L	29
PLOG-7875	proteomics_log	3376593	3376673	-	4	6	L.M*KTFTAKPETVKRDWYVVDATGKTLGR.L	32
PLOG-7876	proteomics_log	3376593	3376673	-	4	188	L.MKTFTAKPETVKRDWYVVDATGKTLGR.L	31
PLOG-7877	proteomics_log	3376605	3376634	-	4	57	R.DWYVVDATGK.T	14
PLOG-7878	proteomics_log	3376605	3376637	-	4	24	K.RDWYVVDATGK.T	15
PLOG-7879	proteomics_log	3376605	3376667	-	4	2	K.TFTAKPETVKRDWYVVDATGK.T	25
PLOG-7880	proteomics_log	3376605	3376673	-	4	5	L.M*KTFTAKPETVKRDWYVVDATGK.T	28
PLOG-7881	proteomics_log	3376605	3376673	-	4	206	L.MKTFTAKPETVKRDWYVVDATGK.T	27
PLOG-7882	proteomics_log	3376635	3376667	-	4	96	K.TFTAKPETVKR.D	15
PLOG-7883	proteomics_log	3376635	3376673	-	4	33	L.M*KTFTAKPETVKR.D	18
PLOG-7884	proteomics_log	3376635	3376673	-	4	266	L.MKTFTAKPETVKR.D	17
PLOG-7885	proteomics_log	3376638	3376667	-	4	6	K.TFTAKPETVK.R	14
PLOG-7886	proteomics_log	3376638	3376673	-	4	6	L.M*KTFTAKPETVK.R	17
PLOG-7887	proteomics_log	3376638	3376673	-	4	96	L.MKTFTAKPETVK.R	16
PLOG-7888	proteomics_log	3377876	3377917	-	6	2	I.IYQELINSTPPAPR.T	18
PLOG-7889	proteomics_log	3377927	3377983	-	6	2	K.ALNEGSHQPDDVQKEAVSR.L	23
PLOG-7890	proteomics_log	3377942	3377983	-	6	3	K.ALNEGSHQPDDVQK.E	18
PLOG-7891	proteomics_log	3378570	3378596	-	4	5	R.ASTQQAGCA.F	13
PLOG-7892	proteomics_log	3381355	3381387	-	5	302	K.DIALGEEFVNK.-	15
PLOG-7893	proteomics_log	3381355	3381390	-	5	40	K.KDIALGEEFVNK.-	16
PLOG-7894	proteomics_log	3381355	3381453	-	5	209	K.SIGTLSAFEQNALEGMLDTLKKDIALGEEFVNK.-	38
PLOG-7895	proteomics_log	3381355	3381453	-	5	454	K.SIGTLSAFEQNALEGMLDTLKKDIALGEEFVNK.-	37
PLOG-7896	proteomics_log	3381355	3381456	-	5	148	R.KSIGTLSAFEQNALEGMLDTLKKDIALGEEFVNK.-	39
PLOG-7897	proteomics_log	3381355	3381456	-	5	526	R.KSIGTLSAFEQNALEGMLDTLKKDIALGEEFVNK.-	38
PLOG-7898	proteomics_log	3381355	3381474	-	5	5	K.NGVEERKSIGTLSAFEQNALEGMLDTLKKDIALGEEFVNK.-	45
PLOG-7899	proteomics_log	3381355	3381474	-	5	86	K.NGVEERKSIGTLSAFEQNALEGMLDTLKKDIALGEEFVNK.-	44
PLOG-7900	proteomics_log	3381385	3381453	-	5	2	K.SIGTLSAFEQNALEGMLDTLKKD.I	28
PLOG-7901	proteomics_log	3381388	3381453	-	5	195	K.SIGTLSAFEQNALEGMLDTLKK.D	26
PLOG-7902	proteomics_log	3381388	3381456	-	5	26	R.KSIGTLSAFEQNALEGMLDTLKK.D	28
PLOG-7903	proteomics_log	3381388	3381456	-	5	291	R.KSIGTLSAFEQNALEGMLDTLKK.D	27
PLOG-7904	proteomics_log	3381388	3381480	-	5	6	L.GKNGVEERKSIGTLSAFEQNALEGMLDTLKK.D	35
PLOG-7905	proteomics_log	3381388	3381504	-	5	3	R.FFSQPLLLGKNGVEERKSIGTLSAFEQNALEGMLDTLKK.D	43
PLOG-7906	proteomics_log	3381391	3381453	-	5	83	K.SIGTLSAFEQNALEGMLDTLK.K	25
PLOG-7907	proteomics_log	3381391	3381456	-	5	140	R.KSIGTLSAFEQNALEGMLDTLK.K	26

PLOG-7908	proteomics_log	3381409	3381456	-	5	7	R.KSIGTLSAFEQNALEG.M	20
PLOG-7909	proteomics_log	3381454	3381474	-	5	2	K.NGVEERK.S	11
PLOG-7910	proteomics_log	3381454	3381492	-	5	2	Q.PLLLGKNGVEERK.S	17
PLOG-7911	proteomics_log	3381454	3381504	-	5	65	R.FFSQPLLLGKNGVEERK.S	21
PLOG-7912	proteomics_log	3381457	3381492	-	5	15	Q.PLLLGKNGVEER.K	16
PLOG-7913	proteomics_log	3381457	3381504	-	5	285	R.FFSQPLLLGKNGVEER.K	20
PLOG-7914	proteomics_log	3381475	3381504	-	5	307	R.FFSQPLLLGK.N	14
PLOG-7915	proteomics_log	3381481	3381504	-	5	10	R.FFSQPLLL.G	12
PLOG-7916	proteomics_log	3381484	3381504	-	5	6	R.FFSQPLL.L	11
PLOG-7917	proteomics_log	3381505	3381537	-	5	3	C.AYVEGDGQYAR.F	15
PLOG-7918	proteomics_log	3381571	3381591	-	5	4	R.FGLSLVR.A	11
PLOG-7919	proteomics_log	3381571	3381639	-	5	21	K.AGGGSATLSMGQAAARFGLSLVR.A	27
PLOG-7920	proteomics_log	3381592	3381639	-	5	236	K.AGGGSATLSM*GQAAAR.F	21
PLOG-7921	proteomics_log	3381592	3381639	-	5	395	K.AGGGSATLSMGQAAAR.F	20
PLOG-7922	proteomics_log	3381592	3381675	-	5	4	R.IQNAGTEVVEAKAGGGSATLSM*GQAAAR.F	33
PLOG-7923	proteomics_log	3381592	3381675	-	5	33	R.IQNAGTEVVEAKAGGGSATLSMGQAAAR.F	32
PLOG-7924	proteomics_log	3381592	3381678	-	5	2	K.RIQNAGTEVVEAKAGGGSATLSM*GQAAAR.F	34
PLOG-7925	proteomics_log	3381592	3381678	-	5	66	K.RIQNAGTEVVEAKAGGGSATLSMGQAAAR.F	33
PLOG-7926	proteomics_log	3381598	3381639	-	5	4	K.AGGGSATLSM*GQAA.A	19
PLOG-7927	proteomics_log	3381601	3381639	-	5	4	K.AGGGSATLSM*GQA.A	18
PLOG-7928	proteomics_log	3381604	3381639	-	5	8	K.AGGGSATLSM*GQ.A	17
PLOG-7929	proteomics_log	3381640	3381675	-	5	243	R.IQNAGTEVVEAK.A	16
PLOG-7930	proteomics_log	3381640	3381678	-	5	259	K.RIQNAGTEVVEAK.A	17
PLOG-7931	proteomics_log	3381640	3381723	-	5	2	V.PGVSFTEQEVDLTKRIQNAGTEVVEAK.A	32
PLOG-7932	proteomics_log	3381676	3381723	-	5	42	V.PGVSFTEQEVDLTKR.I	20
PLOG-7933	proteomics_log	3381676	3381726	-	5	7	Q.VPGVSFTEQEVDLTKR.I	21
PLOG-7934	proteomics_log	3381676	3381771	-	5	49	V.IGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.I	36
PLOG-7935	proteomics_log	3381676	3381798	-	5	19	K.QPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.I	45
PLOG-7936	proteomics_log	3381676	3381804	-	5	40	K.GKQPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.I	47
PLOG-7937	proteomics_log	3381679	3381723	-	5	2	V.PGVSFTEQEVDLTKR.R	19
PLOG-7938	proteomics_log	3381679	3381738	-	5	10	P.LLSQVPGVSFTEQEVDLTKR.R	24
PLOG-7939	proteomics_log	3381679	3381798	-	5	44	K.QPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.R	44
PLOG-7940	proteomics_log	3381679	3381804	-	5	72	K.GKQPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.R	46
PLOG-7941	proteomics_log	3381799	3381831	-	5	95	R.SNTFVAELKQK.Q	15
PLOG-7942	proteomics_log	3381805	3381831	-	5	88	R.SNTFVAELK.G	13
PLOG-7943	proteomics_log	3381832	3381864	-	5	248	K.LFGVTTLDIIR.S	15
PLOG-7944	proteomics_log	3381832	3381870	-	5	148	K.NKLFVTTLDIIR.S	17
PLOG-7945	proteomics_log	3381832	3381888	-	5	631	K.AGVYDKNKLFVTTLDIIR.S	23
PLOG-7946	proteomics_log	3381832	3381891	-	5	158	K.KAGVYDKNKLFVTTLDIIR.S	24
PLOG-7947	proteomics_log	3381832	3381933	-	5	2	N.PVNTTVAIAAEVLKAGVYDKNKLFVTTLDIIR.S	38
PLOG-7948	proteomics_log	3381844	3381888	-	5	3	K.AGVYDKNKLFVTTL.D	19
PLOG-7949	proteomics_log	3381865	3381888	-	5	58	K.AGVYDKNK.L	12
PLOG-7950	proteomics_log	3381865	3381891	-	5	33	K.KAGVYDKNK.L	13
PLOG-7951	proteomics_log	3381889	3381933	-	5	15	N.PVNTTVAIAAEVLK.A	19
PLOG-7952	proteomics_log	3381889	3381936	-	5	27	T.NPVNTTVAIAAEVLK.A	20
PLOG-7953	proteomics_log	3381889	3381939	-	5	2	I.TNPVNTTVAIAAEVLK.A	21

PLOG-7954	proteomics_log	3381889	3381942	-	5	17	I.ITNPVNTTVAIAAEVLKK.A	22
PLOG-7955	proteomics_log	3381889	3381951	-	5	3	C.IGIITNPVNTTVAIAAEVLKK.A	25
PLOG-7956	proteomics_log	3381889	3381969	-	5	6	K.TCPKACIGIITNPVNTTVAIAAEVLKK.A	31
PLOG-7957	proteomics_log	3381892	3381990	-	5	8	N.LVQQVAKTCPKACIGIITNPVNTTVAIAAEVLK.K	37
PLOG-7958	proteomics_log	3381967	3382047	-	5	11	R.KPGMDRSDLFNVNAGIVKNLVQQVAKT.C	31
PLOG-7959	proteomics_log	3381970	3381993	-	5	194	K.NLVQQVAK.T	12
PLOG-7960	proteomics_log	3381970	3382029	-	5	332	R.SDLFNVNAGIVKNLVQQVAK.T	24
PLOG-7961	proteomics_log	3381970	3382047	-	5	7	R.KPGM*DRSDLFNVNAGIVKNLVQQVAK.T	31
PLOG-7962	proteomics_log	3381970	3382047	-	5	132	R.KPGMDRSDLFNVNAGIVKNLVQQVAK.T	30
PLOG-7963	proteomics_log	3381994	3382029	-	5	223	R.SDLFNVNAGIVK.N	16
PLOG-7964	proteomics_log	3381994	3382041	-	5	2	P.GMDRSDLFNVNAGIVK.N	20
PLOG-7965	proteomics_log	3381994	3382047	-	5	8	R.KPGM*DRSDLFNVNAGIVK.N	23
PLOG-7966	proteomics_log	3381994	3382047	-	5	257	R.KPGMDRSDLFNVNAGIVK.N	22
PLOG-7967	proteomics_log	3382030	3382122	-	5	7	K.GFSGEDATPALEGADVVLISAGVARKPGMDR.S	35
PLOG-7968	proteomics_log	3382030	3382128	-	5	38	K.IKGFSGEDATPALEGADVVLISAGVARKPGMDR.S	37
PLOG-7969	proteomics_log	3382048	3382122	-	5	104	K.GFSGEDATPALEGADVVLISAGVAR.K	29
PLOG-7970	proteomics_log	3382048	3382128	-	5	184	K.IKGFSGEDATPALEGADVVLISAGVAR.K	31
PLOG-7971	proteomics_log	3382048	3382185	-	5	2	I.APVTPGVAVDLSHIPTAVKIKGFSGEDATPALEGADVVLISAGVAR.K	50
PLOG-7972	proteomics_log	3382123	3382227	-	5	83	K.TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVKIK.G	39
PLOG-7973	proteomics_log	3382129	3382173	-	5	3	T.PGVAVDLSHIPTAVK.I	19
PLOG-7974	proteomics_log	3382129	3382182	-	5	35	A.PVTPGVAVDLSHIPTAVK.I	22
PLOG-7975	proteomics_log	3382129	3382194	-	5	2	L.YDIAPVTPGVAVDLSHIPTAVK.I	26
PLOG-7976	proteomics_log	3382129	3382227	-	5	219	K.TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVK.I	37
PLOG-7977	proteomics_log	3382162	3382290	-	5	13	R.MKVAVLGAAGGIGQALALLLKTQLPSGSELSLYDIAPVTPGVA.V	47
PLOG-7978	proteomics_log	3382168	3382290	-	5	2	R.MKVAVLGAAGGIGQALALLLKTQLPSGSELSLYDIAPVTPG.V	45
PLOG-7979	proteomics_log	3382192	3382227	-	5	2	K.TQLPSGSELSLY.D	16
PLOG-7980	proteomics_log	3382228	3382263	-	5	22	A.GGIGQALALLLK.T	16
PLOG-7981	proteomics_log	3382228	3382272	-	5	2	L.GAAGGIGQALALLLK.T	19
PLOG-7982	proteomics_log	3382228	3382275	-	5	4	V.LGAAGGIGQALALLLK.T	20
PLOG-7983	proteomics_log	3382228	3382284	-	5	1239	K.VAVLGAAGGIGQALALLLK.T	23
PLOG-7984	proteomics_log	3382228	3382290	-	5	425	R.M*KVAVLGAAGGIGQALALLLK.T	26
PLOG-7985	proteomics_log	3382228	3382290	-	5	1420	R.MKVAVLGAAGGIGQALALLLK.T	25
PLOG-7986	proteomics_log	3382240	3382284	-	5	3	K.VAVLGAAGGIGQALA.L	19
PLOG-7987	proteomics_log	3382243	3382284	-	5	7	K.VAVLGAAGGIGQALA.A	18
PLOG-7988	proteomics_log	3383897	3383956	-	6	2	R.FGALILLFDEAEELHGLR.F	24
PLOG-7989	proteomics_log	3383969	3384052	-	6	4	R.DLDSLWVLMNDVLPLEIEFVHLGEK.T	32
PLOG-7990	proteomics_log	3389385	3389429	-	4	2	R.FGYEFFLADLDGEVR.A	19
PLOG-7991	proteomics_log	3389499	3389597	-	4	4	R.VQEVITASLSGVYELILVAATDGTLAADVRPLVR.L	37
PLOG-7992	proteomics_log	3389844	3389891	-	4	2	R.IIKDGSYNIDQGVGVR.A	20
PLOG-7993	proteomics_log	3389958	3389999	-	4	16	K.HQDLFAILGQLAER.R	18
PLOG-7994	proteomics_log	3389958	3390047	-	4	26	M.SLNLVSEQLLAANGLKHQDLFAILGQLAER.R	34
PLOG-7995	proteomics_log	3390000	3390047	-	4	4	M.SLNLVSEQLLAANGLK.H	20
PLOG-7996	proteomics_log	3393119	3393208	-	6	6	R.NFHLHWVMFGAPHNRAARLTLWRWISRFR.R.Q	34
PLOG-7997	proteomics_log	3394351	3394401	-	5	4	K.VQIEPLYNQEQFDVVM*M*.-	23
PLOG-7998	proteomics_log	3394819	3394875	-	5	2	R.NLDDTIFNTNIEATQAIAR.Q	23
PLOG-7999	proteomics_log	3395626	3395673	-	5	2	R.VLPGMQAAFVDIGLDK.A	20

PLOG-8000	proteomics_log	3395773	3395814	-	5	5	M.TAELLVNVTPSETR.V	18
PLOG-8001	proteomics_log	3395773	3395814	-	5	5	M.TAELLVNVTPSETR.V	18
PLOG-8002	proteomics_log	3395834	3395917	-	6	6	R.KINGSYHAVVGLPLVETYELLSNFNALR.E	32
PLOG-8003	proteomics_log	3396260	3396322	-	6	4	R.IVTGIEEQRPQESAQQYVVR.L	25
PLOG-8004	proteomics_log	3397930	3397965	-	5	2	T.DSPYSGGAGGAR.H	16
PLOG-8005	proteomics_log	3398069	3398116	-	6	3	K.ALEM*IDM*HGGDLFSEE.-	22
PLOG-8006	proteomics_log	3398069	3398116	-	6	193	K.ALEMIDMHGGDLFSEE.-	20
PLOG-8007	proteomics_log	3398069	3398128	-	6	37	R.GGGKALEMIDMHGGDLFSEE.-	24
PLOG-8008	proteomics_log	3398126	3398194	-	6	11	R.LLM*EETGIPVVVAEDPLTCVARG.G	28
PLOG-8009	proteomics_log	3398126	3398194	-	6	373	R.LLMEETGIPVVVAEDPLTCVARG.G	27
PLOG-8010	proteomics_log	3398126	3398206	-	6	5	R.NLDRLLM*EETGIPVVVAEDPLTCVARG.G	32
PLOG-8011	proteomics_log	3398126	3398206	-	6	204	R.NLDRLLMEETGIPVVVAEDPLTCVARG.G	31
PLOG-8012	proteomics_log	3398126	3398242	-	6	2	R.GM*VLTGGGALLRNLDRLM*EETGIPVVVAEDPLTCVARG.G	45
PLOG-8013	proteomics_log	3398126	3398242	-	6	17	R.GMVLTTGGGALLRNLDRLMEETGIPVVVAEDPLTCVARG.G	43
PLOG-8014	proteomics_log	3398129	3398194	-	6	2	R.LLMEETGIPVVVAEDPLTCVAR.G	26
PLOG-8015	proteomics_log	3398129	3398206	-	6	8	R.NLDRLLMEETGIPVVVAEDPLTCVAR.G	30
PLOG-8016	proteomics_log	3398129	3398242	-	6	3	R.GMVLTTGGGALLRNLDRLMEETGIPVVVAEDPLTCVAR.G	42
PLOG-8017	proteomics_log	3398141	3398194	-	6	4	R.LLM*EETGIPVVVAEDPLT.C	23
PLOG-8018	proteomics_log	3398207	3398242	-	6	5	R.GM*VLTGGGALLR.N	17
PLOG-8019	proteomics_log	3398207	3398242	-	6	167	R.GMVLTTGGGALLR.N	16
PLOG-8020	proteomics_log	3398240	3398368	-	6	3	R.GFTLNSNEILEALQEPLTGIVSAVM*VALEQCPELASDISERG.M	48
PLOG-8021	proteomics_log	3398240	3398368	-	6	96	R.GFTLNSNEILEALQEPLTGIVSAVMVALEQCPELASDISERG.M	47
PLOG-8022	proteomics_log	3398243	3398368	-	6	5	R.GFTLNSNEILEALQEPLTGIVSAVMVALEQCPELASDISER.G	46
PLOG-8023	proteomics_log	3398369	3398392	-	6	24	R.NLAEGVPR.G	12
PLOG-8024	proteomics_log	3398369	3398398	-	6	71	R.GRNLAEGVPR.G	14
PLOG-8025	proteomics_log	3398393	3398458	-	6	6	R.IKHEIGSAYPGDEVREIEVRGR.N	26
PLOG-8026	proteomics_log	3398399	3398458	-	6	72	R.IKHEIGSAYPGDEVREIEVR.G	24
PLOG-8027	proteomics_log	3398399	3398497	-	6	3	R.NYGLSFIGEATAERIKHEIGSAYPGDEVREIEVR.G	37
PLOG-8028	proteomics_log	3398399	3398500	-	6	2	R.RNYGLSFIGEATAERIKHEIGSAYPGDEVREIEVR.G	38
PLOG-8029	proteomics_log	3398414	3398458	-	6	34	R.IKHEIGSAYPGDEVREIEVR.E	19
PLOG-8030	proteomics_log	3398459	3398497	-	6	106	R.NYGLSFIGEATAER.I	17
PLOG-8031	proteomics_log	3398459	3398500	-	6	47	R.RNYGLSFIGEATAER.I	18
PLOG-8032	proteomics_log	3398459	3398545	-	6	2	R.IGGDRFDEAIINYVRRNYGLSFIGEATAER.I	33
PLOG-8033	proteomics_log	3398498	3398545	-	6	85	R.IGGDRFDEAIINYVRR.N	20
PLOG-8034	proteomics_log	3398501	3398545	-	6	177	R.IGGDRFDEAIINYVR.R	19
PLOG-8035	proteomics_log	3398702	3398737	-	6	180	R.AIRESAQGAGAR.E	16
PLOG-8036	proteomics_log	3398702	3398740	-	6	23	R.RAIRESAQGAGAR.E	17
PLOG-8037	proteomics_log	3398741	3398782	-	6	3	R.VLVCVPVGATQVER.R	18
PLOG-8038	proteomics_log	3398783	3398821	-	6	7	K.QVHSNSFMRSPR.V	17
PLOG-8039	proteomics_log	3398783	3398842	-	6	17	K.MLQHFIKQVHSNSFMRSPR.V	24
PLOG-8040	proteomics_log	3398822	3398842	-	6	17	K.MLQHFIK.Q	11
PLOG-8041	proteomics_log	3398843	3398878	-	6	4	K.DGVIADFFVTEK.M	16
PLOG-8042	proteomics_log	3398843	3398914	-	6	9	R.TPGNIAAIRPM*KDGVIAFFVTEK.M	29
PLOG-8043	proteomics_log	3398843	3398914	-	6	129	R.TPGNIAAIRPMKDGVIAFFVTEK.M	28
PLOG-8044	proteomics_log	3398843	3398929	-	6	2	K.QM*LGRTPGNIAAIRPM*KDGVIAFFVTEK.M	35
PLOG-8045	proteomics_log	3398843	3398929	-	6	11	K.QMLGRTPGNIAAIRPMKDGVIAFFVTEK.M	33

PLOG-8046	proteomics_log	3398846	3398878	-	6	2	K.DGVIADFFVTE.K	15
PLOG-8047	proteomics_log	3398915	3398959	-	6	18	K.SVAAVGHDAKQMLGR.T	19
PLOG-8048	proteomics_log	3398930	3398959	-	6	94	K.SVAAVGHDAK.Q	14
PLOG-8049	proteomics_log	3398930	3398974	-	6	41	R.AGSPKSVAAVGHDAK.Q	19
PLOG-8050	proteomics_log	3398984	3399028	-	6	7	K.GQGIVLNEPSVVAIR.Q	19
PLOG-8051	proteomics_log	3399029	3399091	-	6	6	R.GMFSNDLSIDLGTANTLIYVK.G	25
PLOG-8052	proteomics_log	3428069	3428161	-	6	10	R.NADGLGMLVAQAAHAFLLWHGVLPDVEPVIK.Q	35
PLOG-8053	proteomics_log	3428648	3428755	-	6	2	R.VLAPINDFINTLNAFFSAGGKGANVTVPFKEEFAR.A	40
PLOG-8054	proteomics_log	3428693	3428755	-	6	37	R.VLAPINDFINTLNAFFSAGGK.G	25
PLOG-8055	proteomics_log	3429375	3429416	-	4	10	R.DAIAAIDVLENER.V	18
PLOG-8056	proteomics_log	3435103	3435186	-	5	2	C.CEAAIKNTSSPASTM*VEPCGRMGRSWRK.I	33
PLOG-8057	proteomics_log	3436066	3436101	-	5	2	A.KSTTFPRIANSR.N	16
PLOG-8058	proteomics_log	3436297	3436359	-	5	5	F.FRFSLLISLIAIKM*AKATIRK.S	26
PLOG-8059	proteomics_log	3437641	3437667	-	5	27	R.SEKAEAAAE.-	13
PLOG-8060	proteomics_log	3437641	3437712	-	5	5	R.AGDNAPM*AYIELVDRSEKAEAAAE.-	29
PLOG-8061	proteomics_log	3437641	3437712	-	5	219	R.AGDNAPMAYIELVDRSEKAEAAAE.-	28
PLOG-8062	proteomics_log	3437641	3437724	-	5	2	K.CGFRAGDNAPMAYIELVDRSEKAEAAAE.-	32
PLOG-8063	proteomics_log	3437659	3437712	-	5	54	R.AGDNAPMAYIELVDRSEK.A	22
PLOG-8064	proteomics_log	3437668	3437712	-	5	34	R.AGDNAPM*AYIELVDR.S	20
PLOG-8065	proteomics_log	3437668	3437712	-	5	281	R.AGDNAPMAYIELVDR.S	19
PLOG-8066	proteomics_log	3437725	3437751	-	5	5	R.AGGYTRILK.C	13
PLOG-8067	proteomics_log	3437734	3437763	-	5	6	R.FASRAGGYTR.I	14
PLOG-8068	proteomics_log	3437752	3437787	-	5	3	K.LFNELGPRFASR.A	16
PLOG-8069	proteomics_log	3437752	3437808	-	5	6	R.DNEIVAKLFNELGPRFASR.A	23
PLOG-8070	proteomics_log	3437752	3437814	-	5	28	R.TRDNEIVAKLFNELGPRFASR.A	25
PLOG-8071	proteomics_log	3437755	3437814	-	5	9	R.TRDNEIVAKLFNELGPRFASR.R	24
PLOG-8072	proteomics_log	3437761	3437787	-	5	33	K.LFNELGPRF.A	13
PLOG-8073	proteomics_log	3437764	3437787	-	5	320	K.LFNELGPR.F	12
PLOG-8074	proteomics_log	3437764	3437808	-	5	87	R.DNEIVAKLFNELGPR.F	19
PLOG-8075	proteomics_log	3437764	3437814	-	5	432	R.TRDNEIVAKLFNELGPR.F	21
PLOG-8076	proteomics_log	3437764	3437829	-	5	3	R.LAFARTRDNEIVAKLFNELGPR.F	26
PLOG-8077	proteomics_log	3437764	3437838	-	5	3	A.NRRLAFARTRDNEIVAKLFNELGPR.F	29
PLOG-8078	proteomics_log	3437788	3437808	-	5	26	R.DNEIVAK.L	11
PLOG-8079	proteomics_log	3437788	3437814	-	5	89	R.TRDNEIVAK.L	13
PLOG-8080	proteomics_log	3437830	3437883	-	5	14	R.VVEPLITLAKTDSVANRR.L	22
PLOG-8081	proteomics_log	3437830	3437886	-	5	113	R.RVVEPLITLAKTDSVANRR.L	23
PLOG-8082	proteomics_log	3437833	3437883	-	5	75	R.VVEPLITLAKTDSVANRR.R	21
PLOG-8083	proteomics_log	3437833	3437886	-	5	70	R.RVVEPLITLAKTDSVANRR.R	22
PLOG-8084	proteomics_log	3437833	3437895	-	5	3	K.ELRRVVEPLITLAKTDSVANRR.R	25
PLOG-8085	proteomics_log	3437854	3437883	-	5	398	R.VVEPLITLAK.T	14
PLOG-8086	proteomics_log	3437854	3437886	-	5	239	R.RVVEPLITLAK.T	15
PLOG-8087	proteomics_log	3437854	3437895	-	5	4	K.ELRRVVEPLITLAK.T	18
PLOG-8088	proteomics_log	3437884	3437931	-	5	5	R.HEIIKTTLPKAKELRR.V	20
PLOG-8089	proteomics_log	3437884	3437955	-	5	6	R.NMAGSLVRHEIIKTTLPKAKELRR.V	28
PLOG-8090	proteomics_log	3437887	3437931	-	5	103	R.HEIIKTTLPKAKELR.R	19
PLOG-8091	proteomics_log	3437887	3437955	-	5	32	R.NMAGSLVRHEIIKTTLPKAKELR.R	27

PLOG-8092	proteomics_log	3437896	3437931	-	5	164	R.HEIIKTTLPKAK.E	16
PLOG-8093	proteomics_log	3437896	3437955	-	5	135	R.NMAGSLVRHEIIKTTLPKAK.E	24
PLOG-8094	proteomics_log	3437902	3437931	-	5	230	R.HEIIKTTLPK.A	14
PLOG-8095	proteomics_log	3437902	3437955	-	5	6	R.NM*AGSLVRHEIIKTTLPK.A	23
PLOG-8096	proteomics_log	3437902	3437955	-	5	43	R.NMAGSLVRHEIIKTTLPK.A	22
PLOG-8097	proteomics_log	3437917	3437955	-	5	4	R.NM*AGSLVRHEIIK.T	18
PLOG-8098	proteomics_log	3437917	3437955	-	5	57	R.NMAGSLVRHEIIK.T	17
PLOG-8099	proteomics_log	3437932	3437955	-	5	2	R.NM*AGSLVR.H	13
PLOG-8100	proteomics_log	3437932	3437955	-	5	41	R.NMAGSLVR.H	12
PLOG-8101	proteomics_log	3437956	3437985	-	5	20	R.NSSHRQAMFR.N	14
PLOG-8102	proteomics_log	3437971	3437997	-	5	3	R.QLNRNSSHR.Q	13
PLOG-8103	proteomics_log	3438065	3438100	-	6	18	R.LENWPPASIADE.-	16
PLOG-8104	proteomics_log	3438065	3438121	-	6	41	R.GLSLGMRLLENWPPASIADE.-	23
PLOG-8105	proteomics_log	3438122	3438157	-	6	182	K.SLTEIKDVLASR.G	16
PLOG-8106	proteomics_log	3438122	3438160	-	6	11	K.KSLTEIKDVLASR.G	17
PLOG-8107	proteomics_log	3438122	3438199	-	6	26	R.TEVLLKTPNLGKSLTEIKDVLASR.G	30
PLOG-8108	proteomics_log	3438158	3438199	-	6	101	R.TEVLLKTPNLGK.S	18
PLOG-8109	proteomics_log	3438158	3438238	-	6	29	K.AEAIHYIGDLVQRTEVLLKTPNLGK.S	31
PLOG-8110	proteomics_log	3438161	3438199	-	6	5	R.TEVLLKTPNLGK.K	17
PLOG-8111	proteomics_log	3438179	3438238	-	6	6	K.AEAIHYIGDLVQRTEVLLK.T	24
PLOG-8112	proteomics_log	3438200	3438238	-	6	32	K.AEAIHYIGDLVQR.T	17
PLOG-8113	proteomics_log	3438200	3438256	-	6	7	R.SANCLKAEAIHYIGDLVQR.T	23
PLOG-8114	proteomics_log	3438257	3438301	-	6	28	D.PILLRPVDDLELTVR.S	19
PLOG-8115	proteomics_log	3438257	3438322	-	6	6	K.EEKPEFDPILLRPVDDLELTVR.S	26
PLOG-8116	proteomics_log	3438257	3438337	-	6	17	R.QPEVKKEEKPEFDPILLRPVDDLELTVR.S	31
PLOG-8117	proteomics_log	3438257	3438346	-	6	12	R.DVRQPEVKKEEKPEFDPILLRPVDDLELTVR.S	34
PLOG-8118	proteomics_log	3438323	3438394	-	6	51	R.AATILAEQLEAFVDLRDVQRPEVK.E	28
PLOG-8119	proteomics_log	3438323	3438397	-	6	2	R.RAATILAEQLEAFVDLRDVQRPEVK.E	29
PLOG-8120	proteomics_log	3438338	3438394	-	6	152	R.AATILAEQLEAFVDLRDVQR.Q	23
PLOG-8121	proteomics_log	3438338	3438397	-	6	11	R.RAATILAEQLEAFVDLRDVQR.Q	24
PLOG-8122	proteomics_log	3438347	3438394	-	6	319	R.AATILAEQLEAFVDLR.D	20
PLOG-8123	proteomics_log	3438347	3438397	-	6	64	R.RAATILAEQLEAFVDLR.D	21
PLOG-8124	proteomics_log	3438395	3438466	-	6	4	R.TDLDKLVIEM*ETNGTIDPEEAIRR.A	29
PLOG-8125	proteomics_log	3438395	3438466	-	6	231	R.TDLDKLVIEMETNGTIDPEEAIRR.A	28
PLOG-8126	proteomics_log	3438395	3438478	-	6	107	R.VEQRTDLDKLVIEMETNGTIDPEEAIRR.A	32
PLOG-8127	proteomics_log	3438398	3438466	-	6	2	R.TDLDKLVIEM*ETNGTIDPEEAIRR.R	28
PLOG-8128	proteomics_log	3438398	3438466	-	6	109	R.TDLDKLVIEMETNGTIDPEEAIRR.R	27
PLOG-8129	proteomics_log	3438398	3438478	-	6	56	R.VEQRTDLDKLVIEMETNGTIDPEEAIRR.R	31
PLOG-8130	proteomics_log	3438467	3438505	-	6	12	R.IAYNVEAARVEQR.T	17
PLOG-8131	proteomics_log	3438479	3438505	-	6	141	R.IAYNVEAAR.V	13
PLOG-8132	proteomics_log	3438506	3438541	-	6	15	R.LLVDACYSPPER.I	16
PLOG-8133	proteomics_log	3438542	3438577	-	6	85	R.IHSEEDERPIGR.L	16
PLOG-8134	proteomics_log	3438542	3438601	-	6	39	R.GYVPASTRIHSEEDERPIGR.L	24
PLOG-8135	proteomics_log	3438578	3438607	-	6	129	R.GRGYVPASTR.I	14
PLOG-8136	proteomics_log	3438677	3438739	-	6	123	K.SGIGPVTAADITHDGDVEIVK.P	25
PLOG-8137	proteomics_log	3438740	3438778	-	6	255	R.VQGKDEVILTINK.S	17

PLOG-8138	proteomics_log	3438779	3438820	-	6	3	D.ILEILLNLKGLAVR.V	18
PLOG-8139	proteomics_log	3438779	3438838	-	6	288	K.EGVQEDILEILLNLKGLAVR.V	24
PLOG-8140	proteomics_log	3438794	3438838	-	6	197	K.EGVQEDILEILLNLK.G	19
PLOG-8141	proteomics_log	3438839	3438919	-	6	8	R.RILLSSMPGCAVTEVEIDGVLHEYSTK.E	31
PLOG-8142	proteomics_log	3438917	3438952	-	6	47	R.GFGHTLGNALRR.I	16
PLOG-8143	proteomics_log	3438917	3438976	-	6	15	K.VTLEPLERFGFHTLGNALRR.I	24
PLOG-8144	proteomics_log	3438920	3438952	-	6	135	R.GFGHTLGNALR.R	15
PLOG-8145	proteomics_log	3438953	3438976	-	6	12	K.VTLEPLER.G	12
PLOG-8146	proteomics_log	3438953	3438982	-	6	10	H.AKVTLEPLER.G	14
PLOG-8147	proteomics_log	3438953	3439015	-	6	135	R.LVDIEQVSSTHAKVTLEPLER.G	25
PLOG-8148	proteomics_log	3438977	3439006	-	6	5	D.IEQVSSTHAK.V	14
PLOG-8149	proteomics_log	3438977	3439015	-	6	214	R.LVDIEQVSSTHAK.V	17
PLOG-8150	proteomics_log	3438983	3439015	-	6	68	R.LVDIEQVSSTH.A	15
PLOG-8151	proteomics_log	3439016	3439051	-	6	24	T.M*QGSVTEFLKPR.L	17
PLOG-8152	proteomics_log	3439016	3439051	-	6	237	T.MQGSVTEFLKPR.L	16
PLOG-8153	proteomics_log	3439080	3439133	-	4	559	R.SDLSADINEHLIVELYSK.-	22
PLOG-8154	proteomics_log	3439080	3439145	-	4	3	R.KPERSDLSADINEHLIVELYSK.-	26
PLOG-8155	proteomics_log	3439080	3439148	-	4	66	K.RKPERSDLSADINEHLIVELYSK.-	27
PLOG-8156	proteomics_log	3439080	3439166	-	4	2	K.M*EGTFKRKPERSDLSADINEHLIVELYSK.-	34
PLOG-8157	proteomics_log	3439149	3439202	-	4	2	R.EKPTWLEVDAGKM*EGTFK.R	23
PLOG-8158	proteomics_log	3439149	3439202	-	4	89	R.EKPTWLEVDAGKMEGTFK.R	22
PLOG-8159	proteomics_log	3439149	3439229	-	4	2	K.AALELAEQREKPTWLEVDAGKM*EGTFK.R	32
PLOG-8160	proteomics_log	3439149	3439229	-	4	95	K.AALELAEQREKPTWLEVDAGKMEGTFK.R	31
PLOG-8161	proteomics_log	3439149	3439235	-	4	8	R.VKAALELAEQREKPTWLEVDAGKM*EGTFK.R	34
PLOG-8162	proteomics_log	3439149	3439235	-	4	160	R.VKAALELAEQREKPTWLEVDAGKMEGTFK.R	33
PLOG-8163	proteomics_log	3439167	3439202	-	4	6	R.EKPTWLEVDAGK.M	16
PLOG-8164	proteomics_log	3439167	3439229	-	4	36	K.AALELAEQREKPTWLEVDAGK.M	25
PLOG-8165	proteomics_log	3439167	3439235	-	4	145	R.VKAALELAEQREKPTWLEVDAGK.M	27
PLOG-8166	proteomics_log	3439203	3439229	-	4	158	K.AALELAEQR.E	13
PLOG-8167	proteomics_log	3439203	3439235	-	4	380	R.VKAALELAEQR.E	15
PLOG-8168	proteomics_log	3439236	3439313	-	4	83	R.VVNIASYQVSPNDVVSIREKAKKQSR.V	30
PLOG-8169	proteomics_log	3439245	3439313	-	4	52	R.VVNIASYQVSPNDVVSIREKAKK.Q	27
PLOG-8170	proteomics_log	3439248	3439313	-	4	94	R.VVNIASYQVSPNDVVSIREKAK.K	26
PLOG-8171	proteomics_log	3439248	3439346	-	4	7	L.VSHKAIM*VNGRVVNIASYQVSPNDVVSIREKAK.K	38
PLOG-8172	proteomics_log	3439254	3439313	-	4	425	R.VVNIASYQVSPNDVVSIREK.A	24
PLOG-8173	proteomics_log	3439254	3439334	-	4	42	K.AIMVNGRVVNIASYQVSPNDVVSIREK.A	31
PLOG-8174	proteomics_log	3439254	3439343	-	4	132	V.SHKAIM*VNGRVVNIASYQVSPNDVVSIREK.A	35
PLOG-8175	proteomics_log	3439260	3439313	-	4	398	R.VVNIASYQVSPNDVVSIR.E	22
PLOG-8176	proteomics_log	3439314	3439334	-	4	4	K.AIMVNGR.V	11
PLOG-8177	proteomics_log	3439314	3439352	-	4	21	R.QLVSHKAIM*VNGR.V	18
PLOG-8178	proteomics_log	3439314	3439352	-	4	71	R.QLVSHKAIMVNGR.V	17
PLOG-8179	proteomics_log	3439353	3439385	-	4	22	R.MGFGATRAEAR.Q	15
PLOG-8180	proteomics_log	3439365	3439454	-	4	4	R.LKGNTGENLLALLEGRLDNVVYRM*GFGATR.A	35
PLOG-8181	proteomics_log	3439365	3439454	-	4	10	R.LKGNTGENLLALLEGRLDNVVYRMGFGATR.A	34
PLOG-8182	proteomics_log	3439386	3439403	-	4	2	L.DNVVYR.M	10
PLOG-8183	proteomics_log	3439386	3439406	-	4	10	R.LDNVVYR.M	11

PLOG-8184	proteomics_log	3439386	3439418	-	4	3	L.LEGRLDNVVYR.M	15
PLOG-8185	proteomics_log	3439386	3439448	-	4	73	K.GNTGENLLALLEGRLDNVVYR.M	25
PLOG-8186	proteomics_log	3439386	3439454	-	4	504	R.LKGNTGENLLALLEGRLDNVVYR.M	27
PLOG-8187	proteomics_log	3439386	3439457	-	4	18	A.RLKGNTGENLLALLEGRLDNVVYR.M	28
PLOG-8188	proteomics_log	3439386	3439466	-	4	9	K.EAARLKGNTGENLLALLEGRLDNVVYR.M	31
PLOG-8189	proteomics_log	3439386	3439478	-	4	29	R.NYYKEAARLKGNTGENLLALLEGRLDNVVYR.M	35
PLOG-8190	proteomics_log	3439407	3439448	-	4	138	K.GNTGENLLALLEGR.L	18
PLOG-8191	proteomics_log	3439407	3439454	-	4	483	R.LKGNTGENLLALLEGR.L	20
PLOG-8192	proteomics_log	3439407	3439457	-	4	32	A.RLKGNTGENLLALLEGR.L	21
PLOG-8193	proteomics_log	3439407	3439478	-	4	52	R.NYYKEAARLKGNTGENLLALLEGR.L	28
PLOG-8194	proteomics_log	3439413	3439454	-	4	2	R.LKGNTGENLLALLE.G	18
PLOG-8195	proteomics_log	3439455	3439478	-	4	136	R.NYYKEAAR.L	12
PLOG-8196	proteomics_log	3439455	3439487	-	4	163	R.QFRNYYKEAAR.L	15
PLOG-8197	proteomics_log	3439479	3439511	-	4	22	R.RIYGVLERQFR.N	15
PLOG-8198	proteomics_log	3439488	3439508	-	4	133	R.IYGVLER.Q	11
PLOG-8199	proteomics_log	3439488	3439511	-	4	52	R.RIYGVLER.Q	12
PLOG-8200	proteomics_log	3439509	3439556	-	4	22	R.LSDYGVQLREKQKVR.R	20
PLOG-8201	proteomics_log	3439512	3439553	-	4	2	L.SDYGVQLREKQKVR.R	18
PLOG-8202	proteomics_log	3439512	3439556	-	4	62	R.LSDYGVQLREKQKVR.R	19
PLOG-8203	proteomics_log	3439518	3439556	-	4	93	R.LSDYGVQLREKQK.V	17
PLOG-8204	proteomics_log	3439524	3439556	-	4	113	R.LSDYGVQLREK.Q	15
PLOG-8205	proteomics_log	3439527	3439556	-	4	2	R.LSDYGVQLRE.K	14
PLOG-8206	proteomics_log	3439530	3439553	-	4	2	L.SDYGVQLR.E	12
PLOG-8207	proteomics_log	3439530	3439556	-	4	396	R.LSDYGVQLR.E	13
PLOG-8208	proteomics_log	3439557	3439598	-	4	47	K.IEQAPGQHGARKPR.L	18
PLOG-8209	proteomics_log	3439557	3439619	-	4	7	R.AIDTKCKIEQAPGQHGARKPR.L	25
PLOG-8210	proteomics_log	3439566	3439598	-	4	207	K.IEQAPGQHGAR.K	15
PLOG-8211	proteomics_log	3439566	3439601	-	4	42	C.KIEQAPGQHGAR.K	16
PLOG-8212	proteomics_log	3439566	3439604	-	4	10	K.CKIEQAPGQHGAR.K	17
PLOG-8213	proteomics_log	3439566	3439619	-	4	9	R.AIDTKCKIEQAPGQHGAR.K	22
PLOG-8214	proteomics_log	3439620	3439655	-	4	62	R.EGTDLFLKSGVR.A	16
PLOG-8215	proteomics_log	3439620	3439658	-	4	323	R.REGTDLFLKSGVR.A	17
PLOG-8216	proteomics_log	3439620	3439667	-	4	32	K.LSRREGTDLFLKSGVR.A	20
PLOG-8217	proteomics_log	3439620	3439673	-	4	3	K.LKLSRREGTDLFLKSGVR.A	22
PLOG-8218	proteomics_log	3439632	3439655	-	4	10	R.EGTDLFLK.S	12
PLOG-8219	proteomics_log	3439632	3439658	-	4	110	R.REGTDLFLK.S	13
PLOG-8220	proteomics_log	3439632	3439667	-	4	6	K.LSRREGTDLFLK.S	16
PLOG-8221	proteomics_log	3439656	3439694	-	4	17	M.ARYLGPCLKLSR.R	17
PLOG-8222	proteomics_log	3439659	3439688	-	4	4	R.YLGPCLKLSR.R	14
PLOG-8223	proteomics_log	3439659	3439694	-	4	67	M.ARYLGPCLKLSR.R	16
PLOG-8224	proteomics_log	3439761	3439802	-	4	99	R.ITNITDVTPIPHNG.C	18
PLOG-8225	proteomics_log	3439797	3439826	-	4	16	R.ALNAAGFRIT.N	14
PLOG-8226	proteomics_log	3439803	3439826	-	4	31	R.ALNAAGFR.I	12
PLOG-8227	proteomics_log	3439827	3439859	-	4	4	K.GPGPGRESTIR.A	15
PLOG-8228	proteomics_log	3439827	3439880	-	4	147	K.NLEV MVKGP GPGRESTIR.A	22
PLOG-8229	proteomics_log	3439827	3439895	-	4	3	K.EYG IKNLEV MVKGP GPGRESTIR.A	27

PLOG-8230	proteomics_log	3439842	3439880	-	4	5	K.NLEVM*VKGGPGR.E	18
PLOG-8231	proteomics_log	3439842	3439880	-	4	169	K.NLEVMVKGGPGR.E	17
PLOG-8232	proteomics_log	3439860	3439880	-	4	15	K.NLEVMVK.G	11
PLOG-8233	proteomics_log	3439881	3439910	-	4	2	C.ADAVKEYGIK.N	14
PLOG-8234	proteomics_log	3439881	3439913	-	4	9	R.CADAVKEYGIK.N	15
PLOG-8235	proteomics_log	3439914	3439937	-	4	2	F.AAQVAAER.C	12
PLOG-8236	proteomics_log	3439914	3439943	-	4	31	T.PFAAQVAAER.C	14
PLOG-8237	proteomics_log	3439914	3439949	-	4	97	K.STPFAAQVAAER.C	16
PLOG-8238	proteomics_log	3439914	3439952	-	4	494	R.KSTPFAAQVAAER.C	17
PLOG-8239	proteomics_log	3439953	3440009	-	4	2	R.QGNALGWATAGGSGFRGSR.K	23
PLOG-8240	proteomics_log	3439962	3440009	-	4	171	R.QGNALGWATAGGSGFR.G	20
PLOG-8241	proteomics_log	3440010	3440078	-	4	100	K.QVSDGVAHIHASFNNITIVITDR.Q	27
PLOG-8242	proteomics_log	3440010	3440081	-	4	245	R.KQVSDGVAHIHASFNNITIVITDR.Q	28
PLOG-8243	proteomics_log	3440010	3440087	-	4	103	R.VRKQVSDGVAHIHASFNNITIVITDR.Q	30
PLOG-8244	proteomics_log	3440257	3440280	-	5	98	R.EISMSIKR.L	12
PLOG-8245	proteomics_log	3440257	3440283	-	5	41	R.REISMSIKR.L	13
PLOG-8246	proteomics_log	3440260	3440280	-	5	2	R.EISMSIK.R	11
PLOG-8247	proteomics_log	3440260	3440283	-	5	3	R.REISMSIK.R	12
PLOG-8248	proteomics_log	3440281	3440307	-	5	7	K.FVVEGLRR.E	13
PLOG-8249	proteomics_log	3440281	3440361	-	5	158	K.ISELSEGQIDTLRDEVAKFVVEGLRR.E	31
PLOG-8250	proteomics_log	3440281	3440400	-	5	65	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAKFVVEGLRR.E	44
PLOG-8251	proteomics_log	3440281	3440406	-	5	48	R.SKAILAAAGIAEDVKISELSEGQIDTLRDEVAKFVVEGLRR.E	46
PLOG-8252	proteomics_log	3440284	3440307	-	5	182	K.FVVEGLR.R	12
PLOG-8253	proteomics_log	3440284	3440361	-	5	207	K.ISELSEGQIDTLRDEVAKFVVEGLR.R	30
PLOG-8254	proteomics_log	3440284	3440400	-	5	21	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAKFVVEGLR.R	43
PLOG-8255	proteomics_log	3440284	3440406	-	5	61	R.SKAILAAAGIAEDVKISELSEGQIDTLRDEVAKFVVEGLR.R	45
PLOG-8256	proteomics_log	3440308	3440361	-	5	179	K.ISELSEGQIDTLRDEVAK.F	22
PLOG-8257	proteomics_log	3440308	3440388	-	5	7	A.AAGIAEDVKISELSEGQIDTLRDEVAK.F	31
PLOG-8258	proteomics_log	3440308	3440400	-	5	358	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAK.F	35
PLOG-8259	proteomics_log	3440308	3440406	-	5	358	R.SKAILAAAGIAEDVKISELSEGQIDTLRDEVAK.F	37
PLOG-8260	proteomics_log	3440362	3440400	-	5	119	K.AILAAAGIAEDVK.I	17
PLOG-8261	proteomics_log	3440362	3440406	-	5	242	R.SKAILAAAGIAEDVK.I	19
PLOG-8262	proteomics_log	3440407	3440454	-	5	187	K.HAVIALTSIYGVGKTR.S	20
PLOG-8263	proteomics_log	3440407	3440484	-	5	163	R.IAGINIPDHKHAVIALTSIYGVGKTR.S	30
PLOG-8264	proteomics_log	3440407	3440490	-	5	84	V.ARIAGINIPDHKHAVIALTSIYGVGKTR.S	32
PLOG-8265	proteomics_log	3440413	3440454	-	5	270	K.HAVIALTSIYGVGK.T	18
PLOG-8266	proteomics_log	3440413	3440463	-	5	22	P.DHKHAVIALTSIYGVGK.T	21
PLOG-8267	proteomics_log	3440413	3440484	-	5	191	R.IAGINIPDHKHAVIALTSIYGVGK.T	28
PLOG-8268	proteomics_log	3440413	3440490	-	5	219	V.ARIAGINIPDHKHAVIALTSIYGVGK.T	30
PLOG-8269	proteomics_log	3440455	3440484	-	5	217	R.IAGINIPDHK.H	14
PLOG-8270	proteomics_log	3440455	3440490	-	5	15	V.ARIAGINIPDHK.H	16
PLOG-8271	proteomics_log	3440649	3440684	-	4	7	R.VICSAEPKHKQR.Q	16
PLOG-8272	proteomics_log	3440655	3440684	-	4	2	R.VICSAEPKHK.Q	14
PLOG-8273	proteomics_log	3442130	3442165	-	6	404	R.AAIEAAGGKIEE.-	16
PLOG-8274	proteomics_log	3442130	3442174	-	6	22	K.GARAAIEAAGGKIEE.-	19
PLOG-8275	proteomics_log	3442130	3442183	-	6	6	R.VTKGARAAIEAAGGKIEE.-	22

PLOG-8276	proteomics_log	3442130	3442192	-	6	2	R.GLRVTKGARAAIEAAGGKIEE.-	25
PLOG-8277	proteomics_log	3442139	3442165	-	6	91	R.AAIEAAGGK.I	13
PLOG-8278	proteomics_log	3442166	3442234	-	6	6	K.VILAGEVTPVTVRGLRVTKGAR.A	27
PLOG-8279	proteomics_log	3442175	3442234	-	6	18	K.VILAGEVTPVTVRGLRVTK.G	24
PLOG-8280	proteomics_log	3442184	3442225	-	6	2	L.AGEVTPVTVRGLR.V	18
PLOG-8281	proteomics_log	3442184	3442234	-	6	96	K.VILAGEVTPVTVRGLR.V	21
PLOG-8282	proteomics_log	3442184	3442273	-	6	2	K.AANIIGIQIEFAKVILAGEVTPVTVRGLR.V	34
PLOG-8283	proteomics_log	3442184	3442276	-	6	2	L.KAANIIGIQIEFAKVILAGEVTPVTVRGLR.V	35
PLOG-8284	proteomics_log	3442187	3442234	-	6	2	K.VILAGEVTPVTVRGL.R	20
PLOG-8285	proteomics_log	3442193	3442225	-	6	9	L.AGEVTPVTVR.G	15
PLOG-8286	proteomics_log	3442193	3442234	-	6	574	K.VILAGEVTPVTVR.G	18
PLOG-8287	proteomics_log	3442193	3442273	-	6	4	K.AANIIGIQIEFAKVILAGEVTPVTVR.G	31
PLOG-8288	proteomics_log	3442193	3442291	-	6	2	V.DLNTLKAANIIGIQIEFAKVILAGEVTPVTVR.G	37
PLOG-8289	proteomics_log	3442193	3442309	-	6	29	K.VEGGVVDLNTLKAANIIGIQIEFAKVILAGEVTPVTVR.G	43
PLOG-8290	proteomics_log	3442193	3442327	-	6	2	R.LSDLAKVEGGVVDLNTLKAANIIGIQIEFAKVILAGEVTPVTVR.G	49
PLOG-8291	proteomics_log	3442235	3442273	-	6	502	K.AANIIGIQIEFAK.V	17
PLOG-8292	proteomics_log	3442235	3442309	-	6	556	K.VEGGVVDLNTLKAANIIGIQIEFAK.V	29
PLOG-8293	proteomics_log	3442235	3442327	-	6	186	R.LSDLAKVEGGVVDLNTLKAANIIGIQIEFAK.V	35
PLOG-8294	proteomics_log	3442244	3442273	-	6	8	K.AANIIGIQIE.F	14
PLOG-8295	proteomics_log	3442274	3442309	-	6	146	K.VEGGVVDLNTLK.A	16
PLOG-8296	proteomics_log	3442274	3442324	-	6	4	L.SDLAKVEGGVVDLNTLK.A	21
PLOG-8297	proteomics_log	3442274	3442327	-	6	345	R.LSDLAKVEGGVVDLNTLK.A	22
PLOG-8298	proteomics_log	3442274	3442354	-	6	52	R.KAATAEIRLSDLAKVEGGVVDLNTLK.A	31
PLOG-8299	proteomics_log	3442310	3442351	-	6	3	K.AAITAEIRLSDLAK.V	18
PLOG-8300	proteomics_log	3442310	3442354	-	6	26	R.KAATAEIRLSDLAK.V	19
PLOG-8301	proteomics_log	3442328	3442351	-	6	15	K.AAITAEIR.L	12
PLOG-8302	proteomics_log	3442328	3442354	-	6	277	R.KAATAEIR.L	13
PLOG-8303	proteomics_log	3442355	3442384	-	6	52	R.RLPKFGFTSR.K	14
PLOG-8304	proteomics_log	3442373	3442438	-	6	2	R.SGGGVRRGFEGGQMPYRRLPK.F	26
PLOG-8305	proteomics_log	3442382	3442420	-	6	21	R.RGFEGGQMPYRR.L	17
PLOG-8306	proteomics_log	3442385	3442417	-	6	24	R.GFEGGQM*PLYR.R	16
PLOG-8307	proteomics_log	3442385	3442417	-	6	253	R.GFEGGQMPYR.R	15
PLOG-8308	proteomics_log	3442385	3442420	-	6	2	R.RGFEGGQM*PLYR.R	17
PLOG-8309	proteomics_log	3442385	3442420	-	6	163	R.RGFEGGQMPYR.R	16
PLOG-8310	proteomics_log	3442385	3442438	-	6	116	R.SGGGVRRGFEGGQMPYR.R	22
PLOG-8311	proteomics_log	3442445	3442498	-	6	35	R.GIGSGLGKTGGRGHKGQK.S	22
PLOG-8312	proteomics_log	3442463	3442498	-	6	64	R.GIGSGLGKTGGR.G	16
PLOG-8313	proteomics_log	3442463	3442507	-	6	2	R.LGRGIGSGLGKTGGR.G	19
PLOG-8314	proteomics_log	3442475	3442498	-	6	13	R.GIGSGLGK.T	12
PLOG-8315	proteomics_log	3442475	3442507	-	6	83	R.LGRGIGSGLGK.T	15
PLOG-8316	proteomics_log	3442499	3442561	-	6	7	E.MRLNTLSPAEGSKKAGKRLGR.G	25
PLOG-8317	proteomics_log	3442508	3442561	-	6	2	E.M*RLNTLSPAEGSKKAGKR.L	23
PLOG-8318	proteomics_log	3442508	3442561	-	6	83	E.MRLNTLSPAEGSKKAGKR.L	22
PLOG-8319	proteomics_log	3442511	3442555	-	6	3	R.LNTLSPAEGSKKAGK.R	19
PLOG-8320	proteomics_log	3442511	3442561	-	6	39	E.MRLNTLSPAEGSKKAGK.R	21
PLOG-8321	proteomics_log	3442520	3442555	-	6	4	R.LNTLSPAEGSKK.A	16

PLOG-8322	proteomics_log	3442520	3442561	-	6	6	E.M*RLNTLSPAEGSKK.A	19
PLOG-8323	proteomics_log	3442520	3442561	-	6	190	E.MRLNTLSPAEGSKK.A	18
PLOG-8324	proteomics_log	3442523	3442555	-	6	48	R.LNTLSPAEGSK.K	15
PLOG-8325	proteomics_log	3442523	3442561	-	6	184	E.M*RLNTLSPAEGSK.K	18
PLOG-8326	proteomics_log	3442523	3442561	-	6	247	E.MRLNTLSPAEGSK.K	17
PLOG-8327	proteomics_log	3442568	3442609	-	6	2	R.GM*INAVSFMVKVEE.-	19
PLOG-8328	proteomics_log	3442568	3442609	-	6	2	R.GM*INAVSFM*VKVEE.-	20
PLOG-8329	proteomics_log	3442568	3442609	-	6	217	R.GMINAVSFMVKVEE.-	18
PLOG-8330	proteomics_log	3442568	3442651	-	6	15	R.IGHTVEREDTPAIRGMINAVSFMVKVEE.-	32
PLOG-8331	proteomics_log	3442577	3442609	-	6	20	R.GM*INAVSFM*VK.V	17
PLOG-8332	proteomics_log	3442577	3442609	-	6	42	R.GM*INAVSFMVK.V	16
PLOG-8333	proteomics_log	3442577	3442609	-	6	75	R.GMINAVSFM*VK.V	16
PLOG-8334	proteomics_log	3442577	3442609	-	6	343	R.GMINAVSFMVK.V	15
PLOG-8335	proteomics_log	3442577	3442651	-	6	19	R.IGHTVEREDTPAIRGMINAVSFMVK.V	29
PLOG-8336	proteomics_log	3442577	3442654	-	6	21	R.RIGHTVEREDTPAIRGMINAVSFMVK.V	30
PLOG-8337	proteomics_log	3442610	3442648	-	6	2	I.GHTVEREDTPAIR.G	17
PLOG-8338	proteomics_log	3442610	3442651	-	6	150	R.IGHTVEREDTPAIR.G	18
PLOG-8339	proteomics_log	3442610	3442654	-	6	227	R.RIGHTVEREDTPAIR.G	19
PLOG-8340	proteomics_log	3442616	3442651	-	6	2	R.IGHTVEREDTPA.I	16
PLOG-8341	proteomics_log	3442631	3442654	-	6	22	R.RIGHTVER.E	12
PLOG-8342	proteomics_log	3442652	3442687	-	6	25	K.HKATLLGLLRR.I	16
PLOG-8343	proteomics_log	3442652	3442711	-	6	32	R.SAIGRLPKHKATLLGLLRR.I	24
PLOG-8344	proteomics_log	3442655	3442681	-	6	215	K.ATLLGLGLR.R	13
PLOG-8345	proteomics_log	3442655	3442687	-	6	70	K.HKATLLGLGLR.R	15
PLOG-8346	proteomics_log	3442655	3442711	-	6	45	R.SAIGRLPKHKATLLGLGLR.R	23
PLOG-8347	proteomics_log	3442688	3442711	-	6	4	R.SAIGRLPK.H	12
PLOG-8348	proteomics_log	3442712	3442735	-	6	4	K.TIKITQTR.S	12
PLOG-8349	proteomics_log	3442712	3442738	-	6	4	A.KTIKITQTR.S	13
PLOG-8350	proteomics_log	3442712	3442741	-	6	213	M.AKTIKITQTR.S	14
PLOG-8351	proteomics_log	3442751	3442774	-	6	19	K.SVEEILGK.-	12
PLOG-8352	proteomics_log	3442751	3442780	-	6	141	R.GKSVEEILGK.-	14
PLOG-8353	proteomics_log	3442751	3442783	-	6	125	K.RGKSVEEILGK.-	15
PLOG-8354	proteomics_log	3442751	3442837	-	6	4	R.ATIDGLENM*NSPEMVAAKRGKSVEEILGK.-	34
PLOG-8355	proteomics_log	3442751	3442837	-	6	116	R.ATIDGLENMNSPEMVAAKRGKSVEEILGK.-	33
PLOG-8356	proteomics_log	3442751	3442873	-	6	2	K.AYGSTNPINVV RATIDGLENMNSPEM*VAAKRGKSVEEILGK.-	46
PLOG-8357	proteomics_log	3442775	3442837	-	6	3	R.ATIDGLENM*NSPEMVAAKRGK.S	26
PLOG-8358	proteomics_log	3442775	3442837	-	6	3	R.ATIDGLENM*NSPEM*VAAKRGK.S	27
PLOG-8359	proteomics_log	3442775	3442837	-	6	152	R.ATIDGLENMNSPEMVAAKRGK.S	25
PLOG-8360	proteomics_log	3442775	3442873	-	6	16	K.AYGSTNPINVV RATIDGLENMNSPEMVAAKRGK.S	37
PLOG-8361	proteomics_log	3442781	3442837	-	6	5	R.ATIDGLENMNSPEM*VAAKR.G	24
PLOG-8362	proteomics_log	3442781	3442837	-	6	5	R.ATIDGLENM*NSPEM*VAAKR.G	25
PLOG-8363	proteomics_log	3442781	3442837	-	6	30	R.ATIDGLENM*NSPEMVAAKR.G	24
PLOG-8364	proteomics_log	3442781	3442837	-	6	304	R.ATIDGLENMNSPEMVAAKR.G	23
PLOG-8365	proteomics_log	3442781	3442873	-	6	2	K.AYGSTNPINVV RATIDGLENM*NSPEM*VAAKR.G	37
PLOG-8366	proteomics_log	3442781	3442873	-	6	106	K.AYGSTNPINVV RATIDGLENMNSPEMVAAKR.G	35
PLOG-8367	proteomics_log	3442784	3442807	-	6	2	N.SPEMVAAK.R	12

PLOG-8368	proteomics_log	3442784	3442828	-	6	2	I.DGLENM*NSPEM*VAAK.R	21
PLOG-8369	proteomics_log	3442784	3442831	-	6	5	T.IDGLENMNSPEMVAAK.R	20
PLOG-8370	proteomics_log	3442784	3442837	-	6	36	R.ATIDGLENM*NSPEM*VAAK.R	24
PLOG-8371	proteomics_log	3442784	3442837	-	6	45	R.ATIDGLENMNSPEM*VAAK.R	23
PLOG-8372	proteomics_log	3442784	3442837	-	6	71	R.ATIDGLENM*NSPEMVAAK.R	23
PLOG-8373	proteomics_log	3442784	3442837	-	6	399	R.ATIDGLENMNSPEMVAAK.R	22
PLOG-8374	proteomics_log	3442784	3442873	-	6	2	K.AYGSTNPINVVVRATIDGLENMNSPEM*VAAK.R	35
PLOG-8375	proteomics_log	3442784	3442873	-	6	4	K.AYGSTNPINVVVRATIDGLENM*NSPEMVAAK.R	35
PLOG-8376	proteomics_log	3442784	3442873	-	6	146	K.AYGSTNPINVVVRATIDGLENMNSPEMVAAK.R	34
PLOG-8377	proteomics_log	3442784	3442915	-	6	3	R.AVLEVAGVHNVLAKAYGSTNPINVVVRATIDGLENMNSPEMVAAK.R	48
PLOG-8378	proteomics_log	3442838	3442873	-	6	483	K.AYGSTNPINVVVR.A	16
PLOG-8379	proteomics_log	3442838	3442915	-	6	109	R.AVLEVAGVHNVLAKAYGSTNPINVVVR.A	30
PLOG-8380	proteomics_log	3442874	3442900	-	6	2	V.AGVHNVLAK.A	13
PLOG-8381	proteomics_log	3442874	3442903	-	6	4	E.VAGVHNVLAK.A	14
PLOG-8382	proteomics_log	3442874	3442906	-	6	10	L.EVAGVHNVLAK.A	15
PLOG-8383	proteomics_log	3442874	3442909	-	6	37	V.LEVAGVHNVLAK.A	16
PLOG-8384	proteomics_log	3442874	3442915	-	6	646	R.AVLEVAGVHNVLAK.A	18
PLOG-8385	proteomics_log	3442874	3442972	-	6	55	R.VFMQPASEGTGIIAGGAMRAVLEVAGVHNVLAK.A	37
PLOG-8386	proteomics_log	3442916	3442960	-	6	2	Q.PASEGTGIIAGGAMR.A	19
PLOG-8387	proteomics_log	3442916	3442972	-	6	113	R.VFMQPASEGTGIIAGGAM*R.A	24
PLOG-8388	proteomics_log	3442916	3442972	-	6	113	R.VFM*QPASEGTGIIAGGAM*R.A	25
PLOG-8389	proteomics_log	3442916	3442972	-	6	254	R.VFM*QPASEGTGIIAGGAMR.A	24
PLOG-8390	proteomics_log	3442916	3442972	-	6	707	R.VFMQPASEGTGIIAGGAMR.A	23
PLOG-8391	proteomics_log	3442922	3442972	-	6	2	R.VFM*QPASEGTGIIAGGA.M	22
PLOG-8392	proteomics_log	3442922	3442972	-	6	3	R.VFMQPASEGTGIIAGGA.M	21
PLOG-8393	proteomics_log	3442928	3442972	-	6	3	R.VFM*QPASEGTGIIAG.G	20
PLOG-8394	proteomics_log	3442931	3442972	-	6	4	R.VFM*QPASEGTGIIA.G	19
PLOG-8395	proteomics_log	3442973	3443023	-	6	4	L.NNGTLQHPVKGVHTGSR.V	21
PLOG-8396	proteomics_log	3442973	3443044	-	6	225	R.NM*INVALNNGTLQHPVKGVHTGSR.V	29
PLOG-8397	proteomics_log	3442973	3443044	-	6	588	R.NMINVALNNGTLQHPVKGVHTGSR.V	28
PLOG-8398	proteomics_log	3442973	3443047	-	6	142	R.RNMINVALNNGTLQHPVKGVHTGSR.V	29
PLOG-8399	proteomics_log	3442973	3443077	-	6	5	A.AIQKAMEKARRNMINVALNNGTLQHPVKGVHTGSR.V	39
PLOG-8400	proteomics_log	3442994	3443044	-	6	4	R.NM*INVALNNGTLQHPVK.G	22
PLOG-8401	proteomics_log	3442994	3443044	-	6	46	R.NMINVALNNGTLQHPVK.G	21
PLOG-8402	proteomics_log	3442994	3443047	-	6	2	R.RNM*INVALNNGTLQHPVK.G	23
PLOG-8403	proteomics_log	3442994	3443047	-	6	4	R.RNMINVALNNGTLQHPVK.G	22
PLOG-8404	proteomics_log	3443006	3443044	-	6	5	R.NMINVALNNGTLQ.H	17
PLOG-8405	proteomics_log	3443006	3443044	-	6	5	R.NM*INVALNNGTLQ.H	18
PLOG-8406	proteomics_log	3443045	3443089	-	6	2	R.EVPAAIQKAMEKARR.N	19
PLOG-8407	proteomics_log	3443048	3443089	-	6	2	R.EVPAAIQKAMEKAR.R	18
PLOG-8408	proteomics_log	3443048	3443095	-	6	2	K.AREVPAAIQKAMEKAR.R	20
PLOG-8409	proteomics_log	3443054	3443083	-	6	11	V.PAAIQKAMEK.A	14
PLOG-8410	proteomics_log	3443054	3443089	-	6	7	R.EVPAAIQKAM*EK.A	17
PLOG-8411	proteomics_log	3443054	3443089	-	6	69	R.EVPAAIQKAMEK.A	16
PLOG-8412	proteomics_log	3443054	3443095	-	6	3	K.AREVPAAIQKAM*EK.A	19
PLOG-8413	proteomics_log	3443054	3443095	-	6	46	K.AREVPAAIQKAMEK.A	18

PLOG-8414	proteomics_log	3443066	3443089	-	6	179	R.EVPAAIQK.A	12
PLOG-8415	proteomics_log	3443066	3443095	-	6	101	K.AREVPAAIQK.A	14
PLOG-8416	proteomics_log	3443090	3443116	-	6	54	R.VGFGYGKAR.E	13
PLOG-8417	proteomics_log	3443090	3443164	-	6	67	R.IFSFTALTVVGDGNGRVGFGYGKAR.E	29
PLOG-8418	proteomics_log	3443096	3443116	-	6	50	R.VGFGYGK.A	11
PLOG-8419	proteomics_log	3443096	3443164	-	6	134	R.IFSFTALTVVGDGNGRVGFGYGK.A	27
PLOG-8420	proteomics_log	3443096	3443173	-	6	49	K.GGRIFSFTALTVVGDGNGRVGFGYGK.A	30
PLOG-8421	proteomics_log	3443096	3443182	-	6	30	K.TVKGGRIFSFTALTVVGDGNGRVGFGYGK.A	33
PLOG-8422	proteomics_log	3443096	3443197	-	6	7	V.NRVSKTVKGGRIFSFTALTVVGDGNGRVGFGYGK.A	38
PLOG-8423	proteomics_log	3443117	3443164	-	6	882	R.IFSFTALTVVGDGNGR.V	20
PLOG-8424	proteomics_log	3443117	3443173	-	6	6	K.GGRIFSFTALTVVGDGNGR.V	23
PLOG-8425	proteomics_log	3443165	3443191	-	6	5	R.VSKTVKGGR.I	13
PLOG-8426	proteomics_log	3443165	3443209	-	6	109	K.LIAVNRVSKTVKGGR.I	19
PLOG-8427	proteomics_log	3443174	3443209	-	6	47	K.LIAVNRVSKTVK.G	16
PLOG-8428	proteomics_log	3443183	3443209	-	6	22	K.LIAVNRVSK.T	13
PLOG-8429	proteomics_log	3443183	3443233	-	6	52	K.QAGELQEKLIAVNRVSK.T	21
PLOG-8430	proteomics_log	3443192	3443233	-	6	10	K.QAGELQEKLIAVNR.V	18
PLOG-8431	proteomics_log	3443210	3443233	-	6	2	K.QAGELQEK.L	12
PLOG-8432	proteomics_log	3443210	3443248	-	6	41	M.AHIEKQAGELQEK.L	17
PLOG-8433	proteomics_log	3443269	3443313	-	5	269	R.VQALADAAREAGLQF.-	19
PLOG-8434	proteomics_log	3443269	3443337	-	5	28	R.SGFQYHGRVQALADAAREAGLQF.-	27
PLOG-8435	proteomics_log	3443272	3443313	-	5	7	R.VQALADAAREAGLQ.F	18
PLOG-8436	proteomics_log	3443284	3443313	-	5	81	R.VQALADAARE.A	14
PLOG-8437	proteomics_log	3443287	3443313	-	5	273	R.VQALADAAR.E	13
PLOG-8438	proteomics_log	3443287	3443337	-	5	69	R.SGFQYHGRVQALADAAR.E	21
PLOG-8439	proteomics_log	3443287	3443364	-	5	2	K.GIKDVSFDRSGFQYHGRVQALADAAR.E	30
PLOG-8440	proteomics_log	3443287	3443376	-	5	3	R.ALEKGIKDVSFDRSGFQYHGRVQALADAAR.E	34
PLOG-8441	proteomics_log	3443314	3443337	-	5	223	R.SGFQYHGR.V	12
PLOG-8442	proteomics_log	3443314	3443364	-	5	31	K.GIKDVSFDRSGFQYHGR.V	21
PLOG-8443	proteomics_log	3443314	3443376	-	5	21	R.ALEKGIKDVSFDRSGFQYHGR.V	25
PLOG-8444	proteomics_log	3443338	3443364	-	5	186	K.GIKDVSFDR.S	13
PLOG-8445	proteomics_log	3443338	3443376	-	5	251	R.ALEKGIKDVSFDR.S	17
PLOG-8446	proteomics_log	3443338	3443391	-	5	77	K.AVAERALEKGIKDVSFDR.S	22
PLOG-8447	proteomics_log	3443338	3443451	-	5	8	K.AIAEQLKYTGNKDAAAAVGKAVAERALEKGIKDVSFDR.S	42
PLOG-8448	proteomics_log	3443365	3443391	-	5	62	K.AVAERALEK.G	13
PLOG-8449	proteomics_log	3443365	3443430	-	5	3	K.YTGNKDAAAAVGKAVAERALEK.G	26
PLOG-8450	proteomics_log	3443365	3443451	-	5	17	K.AIAEQLKYTGNKDAAAAVGKAVAERALEK.G	33
PLOG-8451	proteomics_log	3443377	3443415	-	5	28	K.DAAAAVGKAVAER.A	17
PLOG-8452	proteomics_log	3443377	3443430	-	5	190	K.YTGNKDAAAAVGKAVAER.A	22
PLOG-8453	proteomics_log	3443377	3443451	-	5	207	K.AIAEQLKYTGNKDAAAAVGKAVAER.A	29
PLOG-8454	proteomics_log	3443377	3443490	-	5	7	N.GSEVLVAASTVEKIAIEQLKYTGNKDAAAAVGKAVAER.A	42
PLOG-8455	proteomics_log	3443377	3443520	-	5	23	R.HIYAQVIAPNGSEVLVAASTVEKIAIEQLKYTGNKDAAAAVGKAVAER.A	52
PLOG-8456	proteomics_log	3443392	3443415	-	5	59	K.DAAAAVGK.A	12
PLOG-8457	proteomics_log	3443392	3443430	-	5	224	K.YTGNKDAAAAVGK.A	17
PLOG-8458	proteomics_log	3443392	3443445	-	5	2	I.AEQLKYTGNKDAAAAVGK.A	22
PLOG-8459	proteomics_log	3443392	3443451	-	5	505	K.AIAEQLKYTGNKDAAAAVGK.A	24

PLOG-8460	proteomics_log	3443392	3443505	-	5	3	Q.VIAPNGSEVLVAASTVEKAIAEQLKYTGNDAAAAGVK.A	42
PLOG-8461	proteomics_log	3443392	3443520	-	5	180	R.HIYAQVIAPNGSEVLVAASTVEKAIAEQLKYTGNDAAAAGVK.A	47
PLOG-8462	proteomics_log	3443416	3443451	-	5	30	K.AIAEQLKYTGND	16
PLOG-8463	proteomics_log	3443431	3443520	-	5	264	R.HIYAQVIAPNGSEVLVAASTVEKAIAEQLK.Y	34
PLOG-8464	proteomics_log	3443452	3443496	-	5	7	A.PNGSEVLVAASTVEK.A	19
PLOG-8465	proteomics_log	3443452	3443505	-	5	3	Q.VIAPNGSEVLVAASTVEK.A	22
PLOG-8466	proteomics_log	3443452	3443508	-	5	6	A.QVIAPNGSEVLVAASTVEK.A	23
PLOG-8467	proteomics_log	3443452	3443520	-	5	584	R.HIYAQVIAPNGSEVLVAASTVEK.A	27
PLOG-8468	proteomics_log	3443521	3443544	-	5	9	R.LVVHRTPR.H	12
PLOG-8469	proteomics_log	3443545	3443568	-	5	41	K.LQELGATR.L	12
PLOG-8470	proteomics_log	3443545	3443571	-	5	227	R.KLQELGATR.L	13
PLOG-8471	proteomics_log	3443545	3443574	-	5	77	R.RKLQELGATR.L	14
PLOG-8472	proteomics_log	3443545	3443580	-	5	51	R.ARRKLQELGATR.L	16
PLOG-8473	proteomics_log	3443632	3443673	-	5	106	R.YADEVVRTKEAKK.-	18
PLOG-8474	proteomics_log	3443638	3443673	-	5	153	R.YADEVVRTKEAK.K	16
PLOG-8475	proteomics_log	3443647	3443673	-	5	94	R.YADEVVRTK.E	13
PLOG-8476	proteomics_log	3443653	3443673	-	5	96	R.YADEVVR.T	11
PLOG-8477	proteomics_log	3443674	3443706	-	5	38	R.RPEPYKGGKGV.R	15
PLOG-8478	proteomics_log	3443674	3443715	-	5	34	R.AYRRPEPYKGGKGV.R	18
PLOG-8479	proteomics_log	3443683	3443706	-	5	29	R.RPEPYKGGK.G	12
PLOG-8480	proteomics_log	3443716	3443748	-	5	55	K.QVIGQVAADLR.A	15
PLOG-8481	proteomics_log	3443716	3443760	-	5	357	K.GADKQVIGQVAADLR.A	19
PLOG-8482	proteomics_log	3443716	3443787	-	5	11	C.PTQTEIVLKGADKQVIGQVAADLR.A	28
PLOG-8483	proteomics_log	3443758	3443865	-	5	17	K.GNVINLSLGFSPVDHQLPAGITAEPTQTEIVLKG.A	40
PLOG-8484	proteomics_log	3443758	3443877	-	5	14	R.AAVKGNVINLSLGFSPVDHQLPAGITAEPTQTEIVLKG.A	44
PLOG-8485	proteomics_log	3443791	3443877	-	5	11	R.AAVKGNVINLSLGFSPVDHQLPAGITAE.C	33
PLOG-8486	proteomics_log	3443866	3443904	-	5	5	K.LQLVGVGYRAAVK.G	17
PLOG-8487	proteomics_log	3443866	3443907	-	5	18	K.KLQLVGVGYRAAVK.G	18
PLOG-8488	proteomics_log	3443866	3443955	-	5	7	R.ALLNSMVIGVTEGFTKKLQLVGVGYRAAVK.G	34
PLOG-8489	proteomics_log	3443878	3443904	-	5	255	K.LQLVGVGYR.A	13
PLOG-8490	proteomics_log	3443878	3443907	-	5	263	K.KLQLVGVGYR.A	14
PLOG-8491	proteomics_log	3443878	3443955	-	5	3	R.ALLNSM*VIGVTEGFTKKLQLVGVGYR.A	31
PLOG-8492	proteomics_log	3443878	3443955	-	5	167	R.ALLNSMVIGVTEGFTKKLQLVGVGYR.A	30
PLOG-8493	proteomics_log	3443905	3443949	-	5	7	L.LNSMVIGVTEGFTKK.L	19
PLOG-8494	proteomics_log	3443905	3443955	-	5	16	R.ALLNSM*VIGVTEGFTKK.L	22
PLOG-8495	proteomics_log	3443905	3443955	-	5	246	R.ALLNSMVIGVTEGFTKK.L	21
PLOG-8496	proteomics_log	3443905	3443982	-	5	15	D.GWAQAGTARALLNSMVIGVTEGFTKK.L	30
PLOG-8497	proteomics_log	3443908	3443943	-	5	2	N.SMVIGVTEGFTK.K	16
PLOG-8498	proteomics_log	3443908	3443955	-	5	369	R.ALLNSM*VIGVTEGFTK.K	21
PLOG-8499	proteomics_log	3443908	3443955	-	5	1043	R.ALLNSMVIGVTEGFTK.K	20
PLOG-8500	proteomics_log	3443908	3443997	-	5	3	R.DGYADGWAQAGTARALLNSMVIGVTEGFTK.K	34
PLOG-8501	proteomics_log	3443956	3443997	-	5	190	R.DGYADGWAQAGTAR.A	18
PLOG-8502	proteomics_log	3443956	3444036	-	5	5	E.VKHADNLTFTGPRDGYADGWAQAGTAR.A	31
PLOG-8503	proteomics_log	3443956	3444057	-	5	18	R.TLNDAVEVKHADNLTFTGPRDGYADGWAQAGTAR.A	38
PLOG-8504	proteomics_log	3443998	3444030	-	5	249	K.HADNLTFTGPR.D	15
PLOG-8505	proteomics_log	3443998	3444057	-	5	451	R.TLNDAVEVKHADNLTFTGPR.D	24

PLOG-8506	proteomics_log	3443998	3444075	-	5	7	K.NGELTRTLNDAVEVKHADNTLTFGPR.D	30
PLOG-8507	proteomics_log	3443998	3444087	-	5	195	T.IKGKNGELTRTLNDAVEVKHADNTLTFGPR.D	34
PLOG-8508	proteomics_log	3444031	3444051	-	5	19	L.NDAVEVK.H	11
PLOG-8509	proteomics_log	3444031	3444057	-	5	269	R.TLNDAVEVK.H	13
PLOG-8510	proteomics_log	3444031	3444075	-	5	3	K.NGELTRTLNDAVEVK.H	19
PLOG-8511	proteomics_log	3444058	3444108	-	5	140	K.INGQVITIKGKNGELTR.T	21
PLOG-8512	proteomics_log	3444058	3444144	-	5	9	K.APVVVPAGVDVKINGQVITIKGKNGELTR.T	33
PLOG-8513	proteomics_log	3444058	3444153	-	5	2	R.VAKAPVVVPAGVDVKINGQVITIKGKNGELTR.T	36
PLOG-8514	proteomics_log	3444058	3444159	-	5	3	M.SRVAKAPVVVPAGVDVKINGQVITIKGKNGELTR.T	38
PLOG-8515	proteomics_log	3444076	3444108	-	5	164	K.INGQVITIKGK.N	15
PLOG-8516	proteomics_log	3444076	3444144	-	5	2	K.APVVVPAGVDVKINGQVITIKGK.N	27
PLOG-8517	proteomics_log	3444076	3444153	-	5	3	R.VAKAPVVVPAGVDVKINGQVITIKGK.N	30
PLOG-8518	proteomics_log	3444076	3444159	-	5	92	M.SRVAKAPVVVPAGVDVKINGQVITIKGK.N	32
PLOG-8519	proteomics_log	3444082	3444108	-	5	59	K.INGQVITIK.G	13
PLOG-8520	proteomics_log	3444082	3444144	-	5	2	K.APVVVPAGVDVKINGQVITIK.G	25
PLOG-8521	proteomics_log	3444082	3444153	-	5	2	R.VAKAPVVVPAGVDVKINGQVITIK.G	28
PLOG-8522	proteomics_log	3444082	3444159	-	5	154	M.SRVAKAPVVVPAGVDVKINGQVITIK.G	30
PLOG-8523	proteomics_log	3444109	3444144	-	5	266	K.APVVVPAGVDVK.I	16
PLOG-8524	proteomics_log	3444109	3444153	-	5	177	R.VAKAPVVVPAGVDVK.I	19
PLOG-8525	proteomics_log	3444109	3444159	-	5	432	M.SRVAKAPVVVPAGVDVK.I	21
PLOG-8526	proteomics_log	3444178	3444216	-	5	5	R.QAGLGGEIICYVA.-	17
PLOG-8527	proteomics_log	3444178	3444225	-	5	5	R.AARQAGLGGEIICYVA.-	20
PLOG-8528	proteomics_log	3444214	3444306	-	5	5	K.RKDELPKVMAGLGIADVSTSKGVM*TDRAARQ.A	36
PLOG-8529	proteomics_log	3444226	3444255	-	5	4	V.STSKGVMTDR.A	14
PLOG-8530	proteomics_log	3444226	3444261	-	5	3	A.VVSTSKGVM*TDR.A	17
PLOG-8531	proteomics_log	3444226	3444261	-	5	9	A.VVSTSKGVMTDR.A	16
PLOG-8532	proteomics_log	3444226	3444273	-	5	7	G.LGIADVSTSKGVMTDR.A	20
PLOG-8533	proteomics_log	3444226	3444282	-	5	2	V.M*AGLGIADVSTSKGVMTDR.A	24
PLOG-8534	proteomics_log	3444226	3444285	-	5	117	K.VMAGLGIADVSTSKGVMTDR.A	24
PLOG-8535	proteomics_log	3444226	3444300	-	5	20	K.DELPKVMAGLGIADVSTSKGVMTDR.A	29
PLOG-8536	proteomics_log	3444226	3444303	-	5	115	R.KDELPKVMAGLGIADVSTSKGVMTDR.A	30
PLOG-8537	proteomics_log	3444226	3444306	-	5	2	K.RKDELPKVMAGLGIADVSTSKGVM*TDR.A	32
PLOG-8538	proteomics_log	3444226	3444306	-	5	2	K.RKDELPKVM*AGLGIADVSTSKGVM*TDR.A	33
PLOG-8539	proteomics_log	3444226	3444306	-	5	136	K.RKDELPKVMAGLGIADVSTSKGVMTDR.A	31
PLOG-8540	proteomics_log	3444226	3444309	-	5	15	Y.KRKDELPKVMAGLGIADVSTSKGVMTDR.A	32
PLOG-8541	proteomics_log	3444226	3444315	-	5	125	R.IYKRKDELPKVMAGLGIADVSTSKGVMTDR.A	34
PLOG-8542	proteomics_log	3444244	3444276	-	5	3	A.GLGIADVSTSK.G	15
PLOG-8543	proteomics_log	3444244	3444285	-	5	11	K.VM*AGLGIADVSTSK.G	19
PLOG-8544	proteomics_log	3444244	3444285	-	5	232	K.VMAGLGIADVSTSK.G	18
PLOG-8545	proteomics_log	3444244	3444300	-	5	2	K.DELPKVMAGLGIADVSTSK.G	23
PLOG-8546	proteomics_log	3444244	3444303	-	5	2	R.KDELPKVM*AGLGIADVSTSK.G	25
PLOG-8547	proteomics_log	3444244	3444303	-	5	36	R.KDELPKVMAGLGIADVSTSK.G	24
PLOG-8548	proteomics_log	3444244	3444306	-	5	3	K.RKDELPKVM*AGLGIADVSTSK.G	26
PLOG-8549	proteomics_log	3444244	3444306	-	5	88	K.RKDELPKVMAGLGIADVSTSK.G	25
PLOG-8550	proteomics_log	3444244	3444315	-	5	2	R.IYKRKDELPKVM*AGLGIADVSTSK.G	29
PLOG-8551	proteomics_log	3444244	3444315	-	5	120	R.IYKRKDELPKVMAGLGIADVSTSK.G	28

PLOG-8552	proteomics_log	3444277	3444315	-	5	3	R.IYKRKDELPKVMA.G	17
PLOG-8553	proteomics_log	3444286	3444306	-	5	2	K.RKDELPK.V	11
PLOG-8554	proteomics_log	3444286	3444315	-	5	7	R.IYKRKDELPK.V	14
PLOG-8555	proteomics_log	3444316	3444360	-	5	7	K.AVVESIQRVSRPGLR.I	19
PLOG-8556	proteomics_log	3444337	3444360	-	5	205	K.AVVESIQR.V	12
PLOG-8557	proteomics_log	3444337	3444375	-	5	113	K.YFQGKAVVESIQR.V	17
PLOG-8558	proteomics_log	3444337	3444438	-	5	4	E.GFIEDFKVEGDTKPELELTLKYFQGKAVVESIQR.V	38
PLOG-8559	proteomics_log	3444361	3444468	-	5	91	K.VAIANVLKEEGFIEDFKVEGDTKPELELTLKYFQGK.A	40
PLOG-8560	proteomics_log	3444361	3444474	-	5	6	K.LKVAIANVLKEEGFIEDFKVEGDTKPELELTLKYFQGK.A	42
PLOG-8561	proteomics_log	3444376	3444444	-	5	2	K.EEGFIEDFKVEGDTKPELELTLK.Y	27
PLOG-8562	proteomics_log	3444376	3444468	-	5	381	K.VAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	35
PLOG-8563	proteomics_log	3444376	3444474	-	5	200	K.LKVAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	37
PLOG-8564	proteomics_log	3444376	3444501	-	5	2	K.AAVTM*PSSKLVAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	47
PLOG-8565	proteomics_log	3444388	3444417	-	5	3	K.VEGDTKPELE.L	14
PLOG-8566	proteomics_log	3444418	3444468	-	5	20	K.VAIANVLKEEGFIEDFK.V	21
PLOG-8567	proteomics_log	3444445	3444474	-	5	2	K.LKVAIANVLK.E	14
PLOG-8568	proteomics_log	3444469	3444501	-	5	14	K.AAVTMPSSKLV.V	15
PLOG-8569	proteomics_log	3444469	3444522	-	5	16	R.NGQAANKAAVTM*PSSKLV.V	23
PLOG-8570	proteomics_log	3444469	3444522	-	5	75	R.NGQAANKAAVTMPSSKLV.V	22
PLOG-8571	proteomics_log	3444469	3444528	-	5	7	R.IRNGQAANKAAVTM*PSSKLV.V	25
PLOG-8572	proteomics_log	3444469	3444528	-	5	81	R.IRNGQAANKAAVTMPSSKLV.V	24
PLOG-8573	proteomics_log	3444475	3444501	-	5	17	K.AAVTM*PSSK.L	14
PLOG-8574	proteomics_log	3444475	3444501	-	5	38	K.AAVTMPSSK.L	13
PLOG-8575	proteomics_log	3444475	3444522	-	5	28	R.NGQAANKAAVTM*PSSK.L	21
PLOG-8576	proteomics_log	3444475	3444522	-	5	128	R.NGQAANKAAVTMPSSK.L	20
PLOG-8577	proteomics_log	3444475	3444528	-	5	120	R.IRNGQAANKAAVTM*PSSK.L	23
PLOG-8578	proteomics_log	3444475	3444528	-	5	193	R.IRNGQAANKAAVTMPSSK.L	22
PLOG-8579	proteomics_log	3444502	3444528	-	5	5	R.IRNGQAANK.A	13
PLOG-8580	proteomics_log	3444529	3444552	-	5	3	D.PIADMLTR.I	12
PLOG-8581	proteomics_log	3444529	3444564	-	5	49	M.SM*QDPIADM*LTR.I	18
PLOG-8582	proteomics_log	3444529	3444564	-	5	71	M.SMQDPIADM*LTR.I	17
PLOG-8583	proteomics_log	3444529	3444564	-	5	194	M.SM*QDPIADMLTR.I	17
PLOG-8584	proteomics_log	3444529	3444564	-	5	469	M.SMQDPIADMLTR.I	16
PLOG-8585	proteomics_log	3444529	3444567	-	5	11	Q.MSMQDPIADMLTR.I	17
PLOG-8586	proteomics_log	3444604	3444651	-	5	44	R.EAAMRGEIPGLKKASW.-	20
PLOG-8587	proteomics_log	3444604	3444663	-	5	3	R.IKVREAAMRGEIPGLKKASW.-	24
PLOG-8588	proteomics_log	3444613	3444651	-	5	64	R.EAAMRGEIPGLKK.A	17
PLOG-8589	proteomics_log	3444613	3444663	-	5	9	R.IKVREAAMRGEIPGLKK.A	21
PLOG-8590	proteomics_log	3444616	3444639	-	5	6	M.RGEIPGLK.K	12
PLOG-8591	proteomics_log	3444616	3444642	-	5	2	A.MRGEIPGLK.K	13
PLOG-8592	proteomics_log	3444616	3444645	-	5	3	A.AMRGEIPGLK.K	14
PLOG-8593	proteomics_log	3444616	3444651	-	5	23	R.EAAMRGEIPGLK.K	16
PLOG-8594	proteomics_log	3444637	3444663	-	5	13	R.IKVREAAMR.G	13
PLOG-8595	proteomics_log	3444724	3444765	-	5	2	K.LQTLPRDSSPSRQR.N	18
PLOG-8596	proteomics_log	3444730	3444765	-	5	62	K.LQTLPRDSSPSR.Q	16
PLOG-8597	proteomics_log	3444748	3444822	-	5	181	K.AIISDVNASDEDRWNAVLKLQTLPR.D	29

PLOG-8598	proteomics_log	3444748	3444834	-	5	118	R.AELKAIISDVNASDEDRWNAVLKQLTLPR.D	33
PLOG-8599	proteomics_log	3444748	3444837	-	5	24	K.RAELKAIISDVNASDEDRWNAVLKQLTLPR.D	34
PLOG-8600	proteomics_log	3444766	3444822	-	5	251	K.AIISDVNASDEDRWNAVLK.L	23
PLOG-8601	proteomics_log	3444766	3444834	-	5	48	R.AELKAIISDVNASDEDRWNAVLK.L	27
PLOG-8602	proteomics_log	3444766	3444837	-	5	30	K.RAELKAIISDVNASDEDRWNAVLK.L	28
PLOG-8603	proteomics_log	3444766	3444867	-	5	2	R.VALADKYFAKRAELKAIISDVNASDEDRWNAVLK.L	38
PLOG-8604	proteomics_log	3444784	3444822	-	5	17	K.AIISDVNASDEDR.W	17
PLOG-8605	proteomics_log	3444823	3444867	-	5	33	R.VALADKYFAKRAELK.A	19
PLOG-8606	proteomics_log	3444823	3444879	-	5	5	R.EVKRVALADKYFAKRAELK.A	23
PLOG-8607	proteomics_log	3444835	3444864	-	5	6	V.ALADKYFAKR.A	14
PLOG-8608	proteomics_log	3444835	3444867	-	5	160	R.VALADKYFAKR.A	15
PLOG-8609	proteomics_log	3444835	3444870	-	5	112	K.RVALADKYFAKR.A	16
PLOG-8610	proteomics_log	3444835	3444879	-	5	10	R.EVKRVALADKYFAKR.A	19
PLOG-8611	proteomics_log	3444838	3444864	-	5	5	V.ALADKYFAK.R	13
PLOG-8612	proteomics_log	3444838	3444867	-	5	265	R.VALADKYFAK.R	14
PLOG-8613	proteomics_log	3444838	3444870	-	5	173	K.RVALADKYFAK.R	15
PLOG-8614	proteomics_log	3444838	3444879	-	5	17	R.EVKRVALADKYFAK.R	18
PLOG-8615	proteomics_log	3444838	3444885	-	5	2	K.AREVKRVALADKYFAK.R	20
PLOG-8616	proteomics_log	3444868	3444903	-	5	12	M.AKQSMKAREVKR.V	16
PLOG-8617	proteomics_log	3444871	3444903	-	5	26	M.AKQSMKAREVK.R	15
PLOG-8618	proteomics_log	3444924	3444959	-	4	328	R.ALLAAFDFPFRK.-	16
PLOG-8619	proteomics_log	3444924	3444977	-	4	216	K.SDEEGRALLAAFDFPFRK.-	22
PLOG-8620	proteomics_log	3444924	3445010	-	4	134	R.GLDTITTTAKSDEEGRALLAAFDFPFRK.-	33
PLOG-8621	proteomics_log	3444924	3445016	-	4	11	R.VRGLDITITTTAKSDEEGRALLAAFDFPFRK.-	35
PLOG-8622	proteomics_log	3444927	3444959	-	4	50	R.ALLAAFDFPFR.K	15
PLOG-8623	proteomics_log	3444930	3444959	-	4	3	R.ALLAAFDFPF.R	14
PLOG-8624	proteomics_log	3444960	3445010	-	4	281	R.GLDTITTTAKSDEEGR.A	21
PLOG-8625	proteomics_log	3444960	3445016	-	4	29	R.VRGLDITITTTAKSDEEGR.A	23
PLOG-8626	proteomics_log	3444978	3445010	-	4	155	R.GLDTITTTAK.S	15
PLOG-8627	proteomics_log	3444978	3445016	-	4	42	R.VRGLDITITTTAK.S	17
PLOG-8628	proteomics_log	3445011	3445049	-	4	3	I.FPEIDYDKVDRVR.G	17
PLOG-8629	proteomics_log	3445011	3445061	-	4	128	R.EQIIFPEIDYDKVDRVR.G	21
PLOG-8630	proteomics_log	3445011	3445085	-	4	9	R.GNYSMGVREQIIFPEIDYDKVDRVR.G	29
PLOG-8631	proteomics_log	3445011	3445100	-	4	2	K.SFDGRGNYSM*GVREQIIFPEIDYDKVDRVR.G	35
PLOG-8632	proteomics_log	3445017	3445046	-	4	5	F.PEIDYDKVDR.V	14
PLOG-8633	proteomics_log	3445017	3445049	-	4	4	I.FPEIDYDKVDR.V	15
PLOG-8634	proteomics_log	3445017	3445061	-	4	187	R.EQIIFPEIDYDKVDR.V	19
PLOG-8635	proteomics_log	3445017	3445085	-	4	10	R.GNYSMGVREQIIFPEIDYDKVDR.V	27
PLOG-8636	proteomics_log	3445017	3445100	-	4	4	K.SFDGRGNYSM*GVREQIIFPEIDYDKVDR.V	33
PLOG-8637	proteomics_log	3445062	3445085	-	4	26	R.GNYSMGVR.E	12
PLOG-8638	proteomics_log	3445062	3445100	-	4	111	K.SFDGRGNYSMGVR.E	17
PLOG-8639	proteomics_log	3445131	3445154	-	4	103	R.LITIAVPR.I	12
PLOG-8640	proteomics_log	3445131	3445196	-	4	2	K.VTLRGERMWEFFERLITIAVPR.I	26
PLOG-8641	proteomics_log	3445155	3445175	-	4	29	R.M*WEFFER.L	12
PLOG-8642	proteomics_log	3445155	3445175	-	4	96	R.MWEFFER.L	11
PLOG-8643	proteomics_log	3445155	3445196	-	4	5	K.VTLRGERMWEFFER.L	18

PLOG-8644	proteomics_log	3445197	3445226	-	4	6	K.IRQGYPIGCK.V	14
PLOG-8645	proteomics_log	3445221	3445244	-	4	7	K.SVAGFKIR.Q	12
PLOG-8646	proteomics_log	3445221	3445247	-	4	113	R.KSVAGFKIR.Q	13
PLOG-8647	proteomics_log	3445221	3445253	-	4	8	K.ARKSVAGFKIR.Q	15
PLOG-8648	proteomics_log	3445224	3445316	-	4	57	K.LLDNAAADLAAISGQKPLITKARKSVAGFKI.R	35
PLOG-8649	proteomics_log	3445227	3445247	-	4	160	R.KSVAGFK.I	11
PLOG-8650	proteomics_log	3445227	3445253	-	4	5	K.ARKSVAGFK.I	13
PLOG-8651	proteomics_log	3445245	3445316	-	4	10	K.LLDNAAADLAAISGQKPLITKARK.S	28
PLOG-8652	proteomics_log	3445245	3445361	-	4	3	K.ITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITKARK.S	43
PLOG-8653	proteomics_log	3445245	3445361	-	4	3	K.ITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITKARK.S	44
PLOG-8654	proteomics_log	3445245	3445370	-	4	2	R.VEKITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITKARK.S	46
PLOG-8655	proteomics_log	3445248	3445316	-	4	48	K.LLDNAAADLAAISGQKPLITKAR.K	27
PLOG-8656	proteomics_log	3445248	3445319	-	4	29	K.KLLDNAAADLAAISGQKPLITKAR.K	28
PLOG-8657	proteomics_log	3445248	3445361	-	4	5	K.ITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITKAR.K	43
PLOG-8658	proteomics_log	3445248	3445361	-	4	35	K.ITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITKAR.K	42
PLOG-8659	proteomics_log	3445248	3445370	-	4	6	R.VEKITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITKAR.K	46
PLOG-8660	proteomics_log	3445248	3445370	-	4	12	R.VEKITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITKAR.K	45
PLOG-8661	proteomics_log	3445254	3445286	-	4	5	A.AISGQKPLITK.A	15
PLOG-8662	proteomics_log	3445254	3445298	-	4	9	A.ADLAAISGQKPLITK.A	19
PLOG-8663	proteomics_log	3445254	3445310	-	4	22	L.DNAAADLAAISGQKPLITK.A	23
PLOG-8664	proteomics_log	3445254	3445313	-	4	2	L.LDNAAADLAAISGQKPLITK.A	24
PLOG-8665	proteomics_log	3445254	3445316	-	4	478	K.LLDNAAADLAAISGQKPLITK.A	25
PLOG-8666	proteomics_log	3445254	3445319	-	4	127	K.KLLDNAAADLAAISGQKPLITK.A	26
PLOG-8667	proteomics_log	3445254	3445331	-	4	21	A.IADKKLLDNAAADLAAISGQKPLITK.A	30
PLOG-8668	proteomics_log	3445254	3445334	-	4	8	E.AIADKKLLDNAAADLAAISGQKPLITK.A	31
PLOG-8669	proteomics_log	3445254	3445361	-	4	17	K.ITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITK.A	41
PLOG-8670	proteomics_log	3445254	3445361	-	4	309	K.ITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITK.A	40
PLOG-8671	proteomics_log	3445254	3445370	-	4	27	R.VEKITLNM*GVGEAIADKKLLDNAAADLAAISGQKPLITK.A	44
PLOG-8672	proteomics_log	3445254	3445370	-	4	201	R.VEKITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITK.A	43
PLOG-8673	proteomics_log	3445254	3445379	-	4	42	Q.VPRVEKITLNMVGVEAIADKKLLDNAAADLAAISGQKPLITK.A	46
PLOG-8674	proteomics_log	3445317	3445361	-	4	7	K.ITLNM*GVGEAIADKK.L	20
PLOG-8675	proteomics_log	3445317	3445361	-	4	43	K.ITLNMVGVEAIADKK.L	19
PLOG-8676	proteomics_log	3445317	3445370	-	4	14	R.VEKITLNM*GVGEAIADKK.L	23
PLOG-8677	proteomics_log	3445317	3445370	-	4	108	R.VEKITLNMVGVEAIADKK.L	22
PLOG-8678	proteomics_log	3445320	3445361	-	4	2	K.ITLNM*GVGEAIADK.K	19
PLOG-8679	proteomics_log	3445320	3445361	-	4	87	K.ITLNMVGVEAIADK.K	18
PLOG-8680	proteomics_log	3445320	3445370	-	4	2	R.VEKITLNM*GVGEAIADK.K	22
PLOG-8681	proteomics_log	3445362	3445415	-	4	14	K.LMTEFNYSVMQVPRVEK.I	22
PLOG-8682	proteomics_log	3445362	3445418	-	4	18	K.KLMTEFNYSVMQVPRVEK.I	23
PLOG-8683	proteomics_log	3445371	3445415	-	4	13	K.LMTEFNYSVM*QVPR.V	20
PLOG-8684	proteomics_log	3445371	3445415	-	4	13	K.LM*TEFNYSVM*QVPR.V	21
PLOG-8685	proteomics_log	3445371	3445415	-	4	16	K.LM*TEFNYSVMQVPR.V	20
PLOG-8686	proteomics_log	3445371	3445415	-	4	377	K.LMTEFNYSVMQVPR.V	19
PLOG-8687	proteomics_log	3445371	3445418	-	4	7	K.KLM*TEFNYSVMQVPR.V	21
PLOG-8688	proteomics_log	3445371	3445418	-	4	7	K.KLM*TEFNYSVM*QVPR.V	22
PLOG-8689	proteomics_log	3445371	3445418	-	4	14	K.KLMTEFNYSVM*QVPR.V	21

PLOG-8690	proteomics_log	3445371	3445418	-	4	314	K.KLMTEFNYSVMQVPR.V	20
PLOG-8691	proteomics_log	3445371	3445457	-	4	2	M.AKLHDYKDEVVKKLM*TEFNYSVM*QVPR.V	35
PLOG-8692	proteomics_log	3445371	3445457	-	4	38	M.AKLHDYKDEVVKKLMTEFNYSVMQVPR.V	33
PLOG-8693	proteomics_log	3445380	3445415	-	4	2	K.LMTEFNYSVMQ.V	16
PLOG-8694	proteomics_log	3445380	3445415	-	4	2	K.LM*TEFNYSVMQ.V	17
PLOG-8695	proteomics_log	3445380	3445415	-	4	2	K.LMTEFNYSVM*Q.V	17
PLOG-8696	proteomics_log	3445380	3445415	-	4	2	K.LM*TEFNYSVM*Q.V	18
PLOG-8697	proteomics_log	3445392	3445415	-	4	6	K.LM*TEFNYN.S	13
PLOG-8698	proteomics_log	3445416	3445451	-	4	8	K.LHDYKDEVVKK.L	16
PLOG-8699	proteomics_log	3445416	3445457	-	4	460	M.AKLHDYKDEVVKK.L	18
PLOG-8700	proteomics_log	3445419	3445451	-	4	13	K.LHDYKDEVVKK.K	15
PLOG-8701	proteomics_log	3445419	3445457	-	4	239	M.AKLHDYKDEVVKK.K	17
PLOG-8702	proteomics_log	3445434	3445457	-	4	2	M.AKLHDYK.D	12
PLOG-8703	proteomics_log	3445478	3445507	-	6	339	R.FFKSNSETIK.-	14
PLOG-8704	proteomics_log	3445478	3445513	-	6	86	K.VRFFKSNSETIK.-	16
PLOG-8705	proteomics_log	3445478	3445516	-	6	9	K.KVRFFKSNSETIK.-	17
PLOG-8706	proteomics_log	3445508	3445531	-	6	35	R.FEDGKKVR.F	12
PLOG-8707	proteomics_log	3445508	3445543	-	6	81	R.VGFRFEDGKKVR.F	16
PLOG-8708	proteomics_log	3445517	3445543	-	6	4	R.VGFRFEDGK.K	13
PLOG-8709	proteomics_log	3445544	3445606	-	6	4	K.EAAIQVSNVAIFNAATGKADR.V	25
PLOG-8710	proteomics_log	3445544	3445630	-	6	42	N.QPGGIVEKEAAIQVSNVAIFNAATGKADR.V	33
PLOG-8711	proteomics_log	3445544	3445657	-	6	10	K.HQKVPALNQPGGIVEKEAAIQVSNVAIFNAATGKADR.V	42
PLOG-8712	proteomics_log	3445553	3445606	-	6	50	K.EAAIQVSNVAIFNAATGK.A	22
PLOG-8713	proteomics_log	3445553	3445657	-	6	11	K.HQKVPALNQPGGIVEKEAAIQVSNVAIFNAATGK.A	39
PLOG-8714	proteomics_log	3445553	3445690	-	6	4	K.VIVEGINLVKKHQKVPALNQPGGIVEKEAAIQVSNVAIFNAATGK.A	50
PLOG-8715	proteomics_log	3445607	3445657	-	6	93	K.HQKVPALNQPGGIVEK.E	21
PLOG-8716	proteomics_log	3445607	3445660	-	6	89	K.KHQKVPALNQPGGIVEK.E	22
PLOG-8717	proteomics_log	3445607	3445690	-	6	42	K.VIVEGINLVKKHQKVPALNQPGGIVEK.E	32
PLOG-8718	proteomics_log	3445658	3445690	-	6	105	K.VIVEGINLVKK.H	15
PLOG-8719	proteomics_log	3445658	3445711	-	6	67	K.NVLSSGKVIVEGINLVKK.H	22
PLOG-8720	proteomics_log	3445658	3445717	-	6	125	K.VKNVLSSGKVIVEGINLVKK.H	24
PLOG-8721	proteomics_log	3445658	3445723	-	6	12	R.GKVKNVLSSGKVIVEGINLVKK.H	26
PLOG-8722	proteomics_log	3445661	3445690	-	6	181	K.VIVEGINLVK.K	14
PLOG-8723	proteomics_log	3445661	3445702	-	6	3	L.SSGKVIVEGINLVK.K	18
PLOG-8724	proteomics_log	3445661	3445711	-	6	121	K.NVLSSGKVIVEGINLVK.K	21
PLOG-8725	proteomics_log	3445661	3445717	-	6	238	K.VKNVLSSGKVIVEGINLVK.K	23
PLOG-8726	proteomics_log	3445661	3445723	-	6	60	R.GKVKNVLSSGKVIVEGINLVK.K	25
PLOG-8727	proteomics_log	3445661	3445726	-	6	6	K.RGKVKNVLSSGKVIVEGINLVK.K	26
PLOG-8728	proteomics_log	3445661	3445735	-	6	4	D.KGKRGKVKNVLSSGKVIVEGINLVK.K	29
PLOG-8729	proteomics_log	3445691	3445711	-	6	52	K.NVLSSGK.V	11
PLOG-8730	proteomics_log	3445691	3445717	-	6	112	K.VKNVLSSGK.V	13
PLOG-8731	proteomics_log	3445691	3445723	-	6	145	R.GKVKNVLSSGK.V	15
PLOG-8732	proteomics_log	3445691	3445726	-	6	19	K.RGKVKNVLSSGK.V	16
PLOG-8733	proteomics_log	3445718	3445768	-	6	5	R.DDEVIVLTGDKGKRGK.V	21
PLOG-8734	proteomics_log	3445718	3445771	-	6	8	R.RDDEVIVLTGDKGKRGK.V	22
PLOG-8735	proteomics_log	3445718	3445777	-	6	24	K.IRRDDEVIVLTGDKGKRGK.V	24

PLOG-8736	proteomics_log	3445724	3445768	-	6	8	R.DDEVIVLTGKDKGKR.G	19
PLOG-8737	proteomics_log	3445724	3445771	-	6	110	R.RDDEVIVLTGKDKGKR.G	20
PLOG-8738	proteomics_log	3445724	3445777	-	6	130	K.IRRDDEVIVLTGKDKGKR.G	22
PLOG-8739	proteomics_log	3445724	3445786	-	6	5	M.AAKIRRDDEVIVLTGKDKGKR.G	25
PLOG-8740	proteomics_log	3445727	3445768	-	6	4	R.DDEVIVLTGKDKGK.R	18
PLOG-8741	proteomics_log	3445727	3445771	-	6	20	R.RDDEVIVLTGKDKGK.R	19
PLOG-8742	proteomics_log	3445727	3445777	-	6	52	K.IRRDDEVIVLTGKDKGK.R	21
PLOG-8743	proteomics_log	3445727	3445786	-	6	5	M.AAKIRRDDEVIVLTGKDKGK.R	24
PLOG-8744	proteomics_log	3445733	3445768	-	6	17	R.DDEVIVLTGKDK.G	16
PLOG-8745	proteomics_log	3445733	3445771	-	6	28	R.RDDEVIVLTGKDK.G	17
PLOG-8746	proteomics_log	3445733	3445777	-	6	56	K.IRRDDEVIVLTGKDK.G	19
PLOG-8747	proteomics_log	3445739	3445768	-	6	5	R.DDEVIVLTGK.D	14
PLOG-8748	proteomics_log	3445739	3445771	-	6	67	R.RDDEVIVLTGK.D	15
PLOG-8749	proteomics_log	3445739	3445777	-	6	100	K.IRRDDEVIVLTGK.D	17
PLOG-8750	proteomics_log	3445803	3445829	-	4	90	K.IISLAPEVL.-	13
PLOG-8751	proteomics_log	3445803	3445838	-	4	3	K.FM*KIISLAPEVL.-	17
PLOG-8752	proteomics_log	3445803	3445838	-	4	134	K.FMKIISLAPEVL.-	16
PLOG-8753	proteomics_log	3445803	3445847	-	4	2	R.SEKFMKIISLAPEVL.-	19
PLOG-8754	proteomics_log	3445803	3445856	-	4	24	R.ELRSEKFMKIISLAPEVL.-	22
PLOG-8755	proteomics_log	3445830	3445847	-	4	9	R.SEKFMK.I	10
PLOG-8756	proteomics_log	3445830	3445856	-	4	8	R.ELRSEKFMK.I	13
PLOG-8757	proteomics_log	3445857	3445937	-	4	7	R.FDGNACVLLNNNSEQPIGTRIFGPVTR.E	31
PLOG-8758	proteomics_log	3445878	3445907	-	4	36	N.NNSEQPIGTR.I	14
PLOG-8759	proteomics_log	3445878	3445910	-	4	3	L.NNSEQPIGTR.I	15
PLOG-8760	proteomics_log	3445878	3445919	-	4	84	C.VLLNNNSEQPIGTR.I	18
PLOG-8761	proteomics_log	3445878	3445937	-	4	9	R.FDGNACVLLNNNSEQPIGTR.I	24
PLOG-8762	proteomics_log	3445938	3445961	-	4	33	R.RPDGSVIR.F	12
PLOG-8763	proteomics_log	3445974	3446012	-	4	10	K.KGDVVKAVVVRTK.K	17
PLOG-8764	proteomics_log	3445974	3446018	-	4	3	K.VKKGDVVKAVVVRTK.K	19
PLOG-8765	proteomics_log	3445974	3446024	-	4	14	R.GKVKKGDVVKAVVVRTK.K	21
PLOG-8766	proteomics_log	3445980	3446009	-	4	23	K.GDVLKAVVVR.T	14
PLOG-8767	proteomics_log	3445980	3446012	-	4	184	K.KGDVVKAVVVR.T	15
PLOG-8768	proteomics_log	3445980	3446018	-	4	263	K.VKKGDVVKAVVVR.T	17
PLOG-8769	proteomics_log	3445980	3446024	-	4	203	R.GKVKKGDVVKAVVVR.T	19
PLOG-8770	proteomics_log	3445980	3446039	-	4	4	K.EAIPRGKVKKGDVVKAVVVR.T	24
PLOG-8771	proteomics_log	3445995	3446024	-	4	103	R.GKVKKGDVVK.A	14
PLOG-8772	proteomics_log	3446019	3446051	-	4	6	K.ITIKEAIPRGK.V	15
PLOG-8773	proteomics_log	3446019	3446078	-	4	75	R.YAGVGDIIKITIKEAIPRGK.V	24
PLOG-8774	proteomics_log	3446019	3446081	-	4	18	R.RYAGVGDIIKITIKEAIPRGK.V	25
PLOG-8775	proteomics_log	3446025	3446051	-	4	80	K.ITIKEAIPR.G	13
PLOG-8776	proteomics_log	3446025	3446066	-	4	5	V.GDIIKITIKEAIPR.G	18
PLOG-8777	proteomics_log	3446025	3446072	-	4	4	A.GVGDIIKITIKEAIPR.G	20
PLOG-8778	proteomics_log	3446025	3446078	-	4	455	R.YAGVGDIIKITIKEAIPR.G	22
PLOG-8779	proteomics_log	3446025	3446081	-	4	254	R.RYAGVGDIIKITIKEAIPR.G	23
PLOG-8780	proteomics_log	3446040	3446078	-	4	234	R.YAGVGDIIKITIK.E	17
PLOG-8781	proteomics_log	3446040	3446081	-	4	96	R.RYAGVGDIIKITIK.E	18

PLOG-8782	proteomics_log	3446052	3446078	-	4	218	R.YAGVGDIIK.I	13
PLOG-8783	proteomics_log	3446052	3446081	-	4	13	R.RYAGVGDIIK.I	14
PLOG-8784	proteomics_log	3446118	3446171	-	4	2	K.MIQEQTM*LNVDNSGARR.V	23
PLOG-8785	proteomics_log	3446118	3446171	-	4	92	K.MIQEQTMLNVADNSGARR.V	22
PLOG-8786	proteomics_log	3446121	3446162	-	4	3	Q.EQTMNVADNSGAR.R	18
PLOG-8787	proteomics_log	3446121	3446165	-	4	5	I.QEQTMLNVADNSGAR.R	19
PLOG-8788	proteomics_log	3446121	3446168	-	4	2	M.IEQQTM*LNVDNSGAR.R	21
PLOG-8789	proteomics_log	3446121	3446168	-	4	7	M.IEQQTMNVADNSGAR.R	20
PLOG-8790	proteomics_log	3446121	3446171	-	4	18	K.M*IQEQTM*LNVDNSGAR.R	23
PLOG-8791	proteomics_log	3446121	3446171	-	4	26	K.MIQEQTM*LNVDNSGAR.R	22
PLOG-8792	proteomics_log	3446121	3446171	-	4	76	K.M*IQEQTMLNVADNSGAR.R	22
PLOG-8793	proteomics_log	3446121	3446171	-	4	563	K.MIQEQTMLNVADNSGAR.R	21
PLOG-8794	proteomics_log	3446339	3446377	-	6	26	K.SWTLVRVVEKAVL.-	17
PLOG-8795	proteomics_log	3446339	3446383	-	6	6	K.TKSWTLVRVVEKAVL.-	19
PLOG-8796	proteomics_log	3446348	3446377	-	6	33	K.SWTLVRVVEK.A	14
PLOG-8797	proteomics_log	3446348	3446383	-	6	20	K.TKSWTLVRVVEK.A	16
PLOG-8798	proteomics_log	3446360	3446383	-	6	42	K.TKSWTLVR.V	12
PLOG-8799	proteomics_log	3446378	3446404	-	6	2	R.ECRPLSKTK.S	13
PLOG-8800	proteomics_log	3446384	3446461	-	6	8	K.LHVHDENNECGIGDVVEIRECRPLSK.T	30
PLOG-8801	proteomics_log	3446384	3446470	-	6	3	R.TTKLHVHDENNECGIGDVVEIRECRPLSK.T	33
PLOG-8802	proteomics_log	3446405	3446461	-	6	6	K.LHVHDENNECGIGDVVEIR.E	23
PLOG-8803	proteomics_log	3446405	3446470	-	6	2	R.TTKLHVHDENNECGIGDVVEIR.E	26
PLOG-8804	proteomics_log	3446435	3446470	-	6	3	R.TTKLHVHDENNE.C	16
PLOG-8805	proteomics_log	3446471	3446509	-	6	112	R.FVKHPIYGKFIKR.T	17
PLOG-8806	proteomics_log	3446471	3446533	-	6	12	K.SIVVAIERFVKHPIYGKFIKR.T	25
PLOG-8807	proteomics_log	3446474	3446509	-	6	65	R.FVKHPIYGKFIK.R	16
PLOG-8808	proteomics_log	3446474	3446533	-	6	3	K.SIVVAIERFVKHPIYGKFIK.R	24
PLOG-8809	proteomics_log	3446483	3446509	-	6	244	R.FVKHPIYGK.F	13
PLOG-8810	proteomics_log	3446483	3446533	-	6	24	K.SIVVAIERFVKHPIYGK.F	21
PLOG-8811	proteomics_log	3446510	3446533	-	6	331	K.SIVVAIER.F	12
PLOG-8812	proteomics_log	3446510	3446557	-	6	7	R.VVSDKM*EKSIVVAIER.F	21
PLOG-8813	proteomics_log	3446510	3446557	-	6	276	R.VVSDKMEKSIVVAIER.F	20
PLOG-8814	proteomics_log	3446510	3446572	-	6	2	R.TLQGRVVSDKM*EKSIVVAIER.F	26
PLOG-8815	proteomics_log	3446510	3446572	-	6	59	R.TLQGRVVSDKMEKSIVVAIER.F	25
PLOG-8816	proteomics_log	3446510	3446587	-	6	5	M.TDKIRTLQGRVVSDKMEKSIVVAIER.F	30
PLOG-8817	proteomics_log	3446534	3446557	-	6	6	R.VVSDKM*EK.S	13
PLOG-8818	proteomics_log	3446534	3446557	-	6	287	R.VVSDKMEK.S	12
PLOG-8819	proteomics_log	3446534	3446572	-	6	4	R.TLQGRVVSDKM*EK.S	18
PLOG-8820	proteomics_log	3446534	3446572	-	6	127	R.TLQGRVVSDKMEK.S	17
PLOG-8821	proteomics_log	3446543	3446572	-	6	2	R.TLQGRVVSDK.M	14
PLOG-8822	proteomics_log	3446558	3446587	-	6	5	M.TDKIRTLQGR.V	14
PLOG-8823	proteomics_log	3446593	3446619	-	5	163	K.TLLNEKAGA.-	13
PLOG-8824	proteomics_log	3446593	3446625	-	5	325	R.VKTLLEKAGA.-	15
PLOG-8825	proteomics_log	3446593	3446637	-	5	6	R.DVARVKTLLEKAGA.-	19
PLOG-8826	proteomics_log	3446602	3446625	-	5	158	R.VKTLLEK.A	12
PLOG-8827	proteomics_log	3446626	3446694	-	5	49	R.MQAASGQLQQSHLLKQVRRDVAR.V	27

PLOG-8828	proteomics_log	3446638	3446694	-	5	4	R.M*QAASGQLQQSHLLKQVRR.D	24
PLOG-8829	proteomics_log	3446638	3446694	-	5	20	R.MQAASGQLQQSHLLKQVRR.D	23
PLOG-8830	proteomics_log	3446641	3446682	-	5	2	A.SGQLQQSHLLKQVR.R	18
PLOG-8831	proteomics_log	3446641	3446688	-	5	2	Q.AASGQLQQSHLLKQVR.R	20
PLOG-8832	proteomics_log	3446641	3446694	-	5	29	R.M*QAASGQLQQSHLLKQVR.R	23
PLOG-8833	proteomics_log	3446641	3446694	-	5	190	R.MQAASGQLQQSHLLKQVR.R	22
PLOG-8834	proteomics_log	3446650	3446685	-	5	2	A.ASGQLQQSHLLK.Q	16
PLOG-8835	proteomics_log	3446650	3446688	-	5	6	Q.AASGQLQQSHLLK.Q	17
PLOG-8836	proteomics_log	3446650	3446694	-	5	269	R.MQAASGQLQQSHLLK.Q	19
PLOG-8837	proteomics_log	3446650	3446694	-	5	269	R.M*QAASGQLQQSHLLK.Q	20
PLOG-8838	proteomics_log	3446650	3446697	-	5	3	L.RMQAASGQLQQSHLLK.Q	20
PLOG-8839	proteomics_log	3446650	3446754	-	5	6	K.SVEELNTELLNLLREQFNLRMQAASGQLQQSHLLK.Q	39
PLOG-8840	proteomics_log	3446653	3446694	-	5	2	R.MQAASGQLQQSHLL.K	18
PLOG-8841	proteomics_log	3446659	3446694	-	5	2	R.MQAASGQLQQSH.L	16
PLOG-8842	proteomics_log	3446695	3446748	-	5	5	V.EELNTELLNLLREQFNLR.M	22
PLOG-8843	proteomics_log	3446695	3446754	-	5	441	K.SVEELNTELLNLLREQFNLR.M	24
PLOG-8844	proteomics_log	3446695	3446760	-	5	105	R.EKSVEELNTELLNLLREQFNLR.M	26
PLOG-8845	proteomics_log	3446695	3446769	-	5	162	K.ELREKSVEELNTELLNLLREQFNLR.M	29
PLOG-8846	proteomics_log	3446695	3446775	-	5	14	K.AKELREKSVEELNTELLNLLREQFNLR.M	31
PLOG-8847	proteomics_log	3446695	3446781	-	5	88	V.MKAKELREKSVEELNTELLNLLREQFNLR.M	33
PLOG-8848	proteomics_log	3446695	3446781	-	5	88	V.MKAKELREKSVEELNTELLNLLREQFNLR.M	33
PLOG-8849	proteomics_log	3446698	3446754	-	5	5	K.SVEELNTELLNLLREQFNLR.R	23
PLOG-8850	proteomics_log	3446713	3446754	-	5	481	K.SVEELNTELLNLLR.E	18
PLOG-8851	proteomics_log	3446713	3446760	-	5	248	R.EKSVEELNTELLNLLR.E	20
PLOG-8852	proteomics_log	3446713	3446769	-	5	175	K.ELREKSVEELNTELLNLLR.E	23
PLOG-8853	proteomics_log	3446713	3446775	-	5	8	K.AKELREKSVEELNTELLNLLR.E	25
PLOG-8854	proteomics_log	3446713	3446781	-	5	145	V.MKAKELREKSVEELNTELLNLLR.E	27
PLOG-8855	proteomics_log	3446713	3446781	-	5	145	V.MKAKELREKSVEELNTELLNLLR.E	27
PLOG-8856	proteomics_log	3446755	3446781	-	5	3	V.MKAKELREK.S	13
PLOG-8857	proteomics_log	3446755	3446781	-	5	3	V.MKAKELREK.S	13
PLOG-8858	proteomics_log	3446784	3446837	-	4	4	K.LAAAKLPIKTTFFVTKTVM*.-	23
PLOG-8859	proteomics_log	3446784	3446837	-	4	100	K.LAAAKLPIKTTFFVTKTVM.-	22
PLOG-8860	proteomics_log	3446784	3446849	-	4	14	R.EAFKLAAAKLPIKTTFFVTKTVM*.-	27
PLOG-8861	proteomics_log	3446784	3446849	-	4	42	R.EAFKLAAAKLPIKTTFFVTKTVM.-	26
PLOG-8862	proteomics_log	3446793	3446822	-	4	125	K.LPIKTTFFVTK.T	14
PLOG-8863	proteomics_log	3446793	3446837	-	4	375	K.LAAAKLPIKTTFFVTK.T	19
PLOG-8864	proteomics_log	3446793	3446849	-	4	502	R.EAFKLAAAKLPIKTTFFVTK.T	23
PLOG-8865	proteomics_log	3446793	3446891	-	4	5	K.VLYEM*DGVPPEELAREAFKLAAAKLPIKTTFFVTK.T	38
PLOG-8866	proteomics_log	3446793	3446891	-	4	20	K.VLYEMDGVPEELAREAFKLAAAKLPIKTTFFVTK.T	37
PLOG-8867	proteomics_log	3446811	3446837	-	4	25	K.LAAAKLPIK.T	13
PLOG-8868	proteomics_log	3446811	3446849	-	4	34	R.EAFKLAAAKLPIK.T	17
PLOG-8869	proteomics_log	3446811	3446891	-	4	19	K.VLYEMDGVPEELAREAFKLAAAKLPIK.T	31
PLOG-8870	proteomics_log	3446823	3446849	-	4	15	R.EAFKLAAAK.L	13
PLOG-8871	proteomics_log	3446823	3446933	-	4	2	K.GNVEYWVALIQPGKVLYEMDGVPEELAREAFKLAAAK.L	41
PLOG-8872	proteomics_log	3446838	3446891	-	4	3	K.VLYEMDGVPEELAREAFK.L	22
PLOG-8873	proteomics_log	3446838	3446933	-	4	64	K.GNVEYWVALIQPGKVLYEMDGVPEELAREAFK.L	36

PLOG-8874	proteomics_log	3446838	3446939	-	4	69	K.GKGNVEYWVALIQPGKVLVYEMDGVPEELAREAFK.L	38
PLOG-8875	proteomics_log	3446850	3446891	-	4	24	K.VLYEM*DGVPEELAR.E	19
PLOG-8876	proteomics_log	3446850	3446891	-	4	254	K.VLYEMDGVPEELAR.E	18
PLOG-8877	proteomics_log	3446850	3446933	-	4	8	K.GNVEYWVALIQPGKVLVYEM*DGVPEELAR.E	33
PLOG-8878	proteomics_log	3446850	3446933	-	4	200	K.GNVEYWVALIQPGKVLVYEMDGVPEELAR.E	32
PLOG-8879	proteomics_log	3446850	3446939	-	4	17	K.GKGNVEYWVALIQPGKVLVYEM*DGVPEELAR.E	35
PLOG-8880	proteomics_log	3446850	3446939	-	4	325	K.GKGNVEYWVALIQPGKVLVYEMDGVPEELAR.E	34
PLOG-8881	proteomics_log	3446850	3446948	-	4	3	R.M*GKKGKGNVEYWVALIQPGKVLVYEMDGVPEELAR.E	38
PLOG-8882	proteomics_log	3446850	3446948	-	4	27	R.MGKKGKGNVEYWVALIQPGKVLVYEMDGVPEELAR.E	37
PLOG-8883	proteomics_log	3446892	3446933	-	4	29	K.GNVEYWVALIQPGK.V	18
PLOG-8884	proteomics_log	3446892	3446939	-	4	155	K.GKGNVEYWVALIQPGK.V	20
PLOG-8885	proteomics_log	3446940	3447005	-	4	6	K.IWIRVFPDKPITEKPLAVR*GK.G	27
PLOG-8886	proteomics_log	3446949	3446993	-	4	23	R.VFPDKPITEKPLAVR.M	19
PLOG-8887	proteomics_log	3446949	3447005	-	4	6	K.IWIRVFPDKPITEKPLAVR.M	23
PLOG-8888	proteomics_log	3446949	3447014	-	4	11	R.QGKIWIRVFPDKPITEKPLAVR.M	26
PLOG-8889	proteomics_log	3446994	3447026	-	4	6	R.AVKRQGKIWIR.V	15
PLOG-8890	proteomics_log	3447060	3447137	-	4	3	R.GLAQGTDVSFSGFGLKAVGRGRLTAR.Q	30
PLOG-8891	proteomics_log	3447072	3447137	-	4	2	R.GLAQGTDVSFSGFGLKAVGRGR.L	26
PLOG-8892	proteomics_log	3447072	3447143	-	4	86	R.NRGLAQGTDVSFSGFGLKAVGRGR.L	28
PLOG-8893	proteomics_log	3447078	3447137	-	4	112	R.GLAQGTDVSFSGFGLKAVGR.G	24
PLOG-8894	proteomics_log	3447078	3447143	-	4	278	R.NRGLAQGTDVSFSGFGLKAVGR.G	26
PLOG-8895	proteomics_log	3447090	3447137	-	4	402	R.GLAQGTDVSFSGFGLK.A	20
PLOG-8896	proteomics_log	3447090	3447143	-	4	460	R.NRGLAQGTDVSFSGFGLK.A	22
PLOG-8897	proteomics_log	3447090	3447149	-	4	2	K.GRNRGLAQGTDVSFSGFGLK.A	24
PLOG-8898	proteomics_log	3447093	3447143	-	4	2	R.NRGLAQGTDVSFSGFGLK.K	21
PLOG-8899	proteomics_log	3447099	3447137	-	4	2	R.GLAQGTDVSFSGF.G	17
PLOG-8900	proteomics_log	3447219	3447308	-	4	8	K.VWIFKGEILGGMAAVEQPEKPAAQPKQQR.K	34
PLOG-8901	proteomics_log	3447231	3447293	-	4	15	K.GEILGGMAAVEQPEKPAAQPK.K	25
PLOG-8902	proteomics_log	3447231	3447308	-	4	14	K.VWIFKGEILGGM*AAVEQPEKPAAQPK.K	31
PLOG-8903	proteomics_log	3447231	3447308	-	4	262	K.VWIFKGEILGGMAAVEQPEKPAAQPK.K	30
PLOG-8904	proteomics_log	3447309	3447368	-	4	166	R.ADIDYNTSEAHTTYGVIGVK.V	24
PLOG-8905	proteomics_log	3447309	3447398	-	4	4	R.EGRVPLHTLRADIDYNTSEAHTTYGVIGVK.V	34
PLOG-8906	proteomics_log	3447309	3447413	-	4	3	R.TEWYREGRVPLHTLRADIDYNTSEAHTTYGVIGVK.V	39
PLOG-8907	proteomics_log	3447327	3447368	-	4	3	R.ADIDYNTSEAHTTY.G	18
PLOG-8908	proteomics_log	3447369	3447398	-	4	93	R.EGRVPLHTLR.A	14
PLOG-8909	proteomics_log	3447369	3447413	-	4	15	R.TEWYREGRVPLHTLR.A	19
PLOG-8910	proteomics_log	3447369	3447437	-	4	4	R.LGGAEIARTEWYREGRVPLHTLR.A	27
PLOG-8911	proteomics_log	3447414	3447437	-	4	70	R.LGGAEIAR.T	12
PLOG-8912	proteomics_log	3447414	3447464	-	4	6	K.GIKVEVSGRLGGAEIAR.T	21
PLOG-8913	proteomics_log	3447414	3447476	-	4	2	R.LGAKGIKVEVSGRLGGAEIAR.T	25
PLOG-8914	proteomics_log	3447438	3447464	-	4	287	K.GIKVEVSGR.L	13
PLOG-8915	proteomics_log	3447438	3447476	-	4	347	R.LGAKGIKVEVSGR.L	17
PLOG-8916	proteomics_log	3447438	3447497	-	4	19	R.AVQNAMRLGAKGIKVEVSGR.L	24
PLOG-8917	proteomics_log	3447465	3447497	-	4	14	R.AVQNAM*RLGAK.G	16
PLOG-8918	proteomics_log	3447465	3447497	-	4	35	R.AVQNAMRLGAK.G	15
PLOG-8919	proteomics_log	3447477	3447500	-	4	75	K.RAVQNAMR.L	12

PLOG-8920	proteomics_log	3447477	3447509	-	4	43	R.AMKRAVQNAMR.L	15
PLOG-8921	proteomics_log	3447525	3447584	-	4	9	R.KPELDAKLVDTSITSLERR.V	24
PLOG-8922	proteomics_log	3447525	3447638	-	4	4	K.VVADIAGVPAQINIAEVRKPELDAKLVDTSITSLERR.V	42
PLOG-8923	proteomics_log	3447525	3447641	-	4	9	R.KVVADIAGVPAQINIAEVRKPELDAKLVDTSITSLERR.V	43
PLOG-8924	proteomics_log	3447528	3447563	-	4	434	K.LVADSITSLER.R	16
PLOG-8925	proteomics_log	3447528	3447584	-	4	177	R.KPELDAKLVDTSITSLER.R	23
PLOG-8926	proteomics_log	3447528	3447614	-	4	4	V.PAQINIAEVRKPELDAKLVDTSITSLER.R	33
PLOG-8927	proteomics_log	3447528	3447638	-	4	126	K.VVADIAGVPAQINIAEVRKPELDAKLVDTSITSLER.R	41
PLOG-8928	proteomics_log	3447528	3447641	-	4	52	R.KVVADIAGVPAQINIAEVRKPELDAKLVDTSITSLER.R	42
PLOG-8929	proteomics_log	3447528	3447647	-	4	5	K.LRKVVADIAGVPAQINIAEVRKPELDAKLVDTSITSLER.R	44
PLOG-8930	proteomics_log	3447564	3447584	-	4	42	R.KPELDAK.L	11
PLOG-8931	proteomics_log	3447564	3447614	-	4	2	V.PAQINIAEVRKPELDAK.L	21
PLOG-8932	proteomics_log	3447564	3447638	-	4	59	K.VVADIAGVPAQINIAEVRKPELDAK.L	29
PLOG-8933	proteomics_log	3447564	3447641	-	4	250	R.KVVADIAGVPAQINIAEVRKPELDAK.L	30
PLOG-8934	proteomics_log	3447564	3447647	-	4	26	K.LRKVVADIAGVPAQINIAEVRKPELDAK.L	32
PLOG-8935	proteomics_log	3447564	3447668	-	4	4	K.KGEDVEKLRKVVADIAGVPAQINIAEVRKPELDAK.L	39
PLOG-8936	proteomics_log	3447585	3447638	-	4	199	K.VVADIAGVPAQINIAEVR.K	22
PLOG-8937	proteomics_log	3447585	3447641	-	4	170	R.KVVADIAGVPAQINIAEVR.K	23
PLOG-8938	proteomics_log	3447585	3447647	-	4	9	K.LRKVVADIAGVPAQINIAEVR.K	25
PLOG-8939	proteomics_log	3447639	3447668	-	4	135	K.KGEDVEKLRK.V	14
PLOG-8940	proteomics_log	3447639	3447710	-	4	19	R.VTIHTARPGIVIGKKGEDVEKLRK.V	28
PLOG-8941	proteomics_log	3447642	3447665	-	4	3	K.GEDVEKLR.K	12
PLOG-8942	proteomics_log	3447642	3447668	-	4	50	K.KGEDVEKLR.K	13
PLOG-8943	proteomics_log	3447642	3447710	-	4	192	R.VTIHTARPGIVIGKKGEDVEKLR.K	27
PLOG-8944	proteomics_log	3447648	3447710	-	4	192	R.VTIHTARPGIVIGKKGEDVEK.L	25
PLOG-8945	proteomics_log	3447666	3447710	-	4	6	R.VTIHTARPGIVIGKK.G	19
PLOG-8946	proteomics_log	3447669	3447710	-	4	261	R.VTIHTARPGIVIGK.K	18
PLOG-8947	proteomics_log	3447669	3447719	-	4	16	K.SIRVTIHTARPGIVIGK.K	21
PLOG-8948	proteomics_log	3447711	3447743	-	4	6	R.IVIERPAKSIR.V	15
PLOG-8949	proteomics_log	3447720	3447743	-	4	21	R.IVIERPAK.S	12
PLOG-8950	proteomics_log	3447744	3447770	-	4	6	K.ELAKASVSR.I	13
PLOG-8951	proteomics_log	3447744	3447785	-	4	58	R.QYLTKELAKASVSR.I	18
PLOG-8952	proteomics_log	3447744	3447791	-	4	2	K.VRQYLTKELAKASVSR.I	20
PLOG-8953	proteomics_log	3447759	3447785	-	4	8	R.QYLTKELAK.A	13
PLOG-8954	proteomics_log	3447759	3447791	-	4	54	K.VRQYLTKELAK.A	15
PLOG-8955	proteomics_log	3447759	3447824	-	4	2	K.EFADNLDSDFKVRQYLTKELAK.A	26
PLOG-8956	proteomics_log	3447759	3447872	-	4	5	R.LGIVKPWNSTWFANTKEFADNLDSDFKVRQYLTKELAK.A	42
PLOG-8957	proteomics_log	3447771	3447872	-	4	14	R.LGIVKPWNSTWFANTKEFADNLDSDFKVRQYLTK.E	38
PLOG-8958	proteomics_log	3447786	3447824	-	4	66	K.EFADNLDSDFKVR.Q	17
PLOG-8959	proteomics_log	3447786	3447839	-	4	4	W.FANTKEFADNLDSDFKVR.Q	22
PLOG-8960	proteomics_log	3447786	3447848	-	4	3	N.STWFANTKEFADNLDSDFKVR.Q	25
PLOG-8961	proteomics_log	3447786	3447854	-	4	5	P.WNSTWFANTKEFADNLDSDFKVR.Q	27
PLOG-8962	proteomics_log	3447786	3447872	-	4	324	R.LGIVKPWNSTWFANTKEFADNLDSDFKVR.Q	33
PLOG-8963	proteomics_log	3447792	3447824	-	4	38	K.EFADNLDSDFK.V	15
PLOG-8964	proteomics_log	3447792	3447872	-	4	222	R.LGIVKPWNSTWFANTKEFADNLDSDFK.V	31
PLOG-8965	proteomics_log	3447807	3447872	-	4	64	R.LGIVKPWNSTWFANTKEFADNL.D	26

PLOG-8966	proteomics_log	3447825	3447872	-	4	235	R.LGIVKPWNSTWFANTK.E	20
PLOG-8967	proteomics_log	3447834	3447872	-	4	5	R.LGIVKPWNSTWFA.N	17
PLOG-8968	proteomics_log	3447873	3447902	-	4	147	M.GQKVHPNGIR.L	14
PLOG-8969	proteomics_log	3447926	3447958	-	6	552	R.TSHITVVVSDR.-	15
PLOG-8970	proteomics_log	3447926	3447961	-	6	69	K.RTSHITVVVSDR.-	16
PLOG-8971	proteomics_log	3447926	3447970	-	6	2	R.ILKRTSHITVVVSDR.-	19
PLOG-8972	proteomics_log	3448004	3448033	-	6	4	I.FVDEGPSMKR.I	14
PLOG-8973	proteomics_log	3448004	3448036	-	6	70	K.IFVDEGPSM*KR.I	16
PLOG-8974	proteomics_log	3448004	3448036	-	6	226	K.IFVDEGPSMKR.I	15
PLOG-8975	proteomics_log	3448004	3448108	-	6	31	K.VLESAIANAEHNDGADIDDLKVTKIFVDEGPSMKR.I	39
PLOG-8976	proteomics_log	3448004	3448111	-	6	4	K.KVLESAIANAEHNDGADIDDLKVTKIFVDEGPSM*KR.I	41
PLOG-8977	proteomics_log	3448004	3448129	-	6	3	K.AAVLVKKVLESAIANAEHNDGADIDDLKVTKIFVDEGPSM*KR.I	47
PLOG-8978	proteomics_log	3448007	3448036	-	6	49	K.IFVDEGPSM*K.R	15
PLOG-8979	proteomics_log	3448007	3448036	-	6	170	K.IFVDEGPSMK.R	14
PLOG-8980	proteomics_log	3448007	3448108	-	6	4	K.VLESAIANAEHNDGADIDDLKVTKIFVDEGPSMK.R	38
PLOG-8981	proteomics_log	3448007	3448111	-	6	4	K.KVLESAIANAEHNDGADIDDLKVTKIFVDEGPSMK.R	39
PLOG-8982	proteomics_log	3448013	3448036	-	6	66	K.IFVDEGPS.M	12
PLOG-8983	proteomics_log	3448037	3448093	-	6	21	A.IANAEHNDGADIDDLKVTK.I	23
PLOG-8984	proteomics_log	3448037	3448096	-	6	2	S.AIANAEHNDGADIDDLKVTK.I	24
PLOG-8985	proteomics_log	3448037	3448099	-	6	2	E.SAIANAEHNDGADIDDLKVTK.I	25
PLOG-8986	proteomics_log	3448037	3448105	-	6	15	V.LESAIANAEHNDGADIDDLKVTK.I	27
PLOG-8987	proteomics_log	3448037	3448108	-	6	219	K.VLESAIANAEHNDGADIDDLKVTK.I	28
PLOG-8988	proteomics_log	3448037	3448111	-	6	454	K.KVLESAIANAEHNDGADIDDLKVTK.I	29
PLOG-8989	proteomics_log	3448037	3448129	-	6	177	K.AAVLVKKVLESAIANAEHNDGADIDDLKVTK.I	35
PLOG-8990	proteomics_log	3448037	3448132	-	6	8	K.KAAVLVKKVLESAIANAEHNDGADIDDLKVTK.I	36
PLOG-8991	proteomics_log	3448037	3448138	-	6	2	T.NKKAAVLVKKVLESAIANAEHNDGADIDDLKVTK.I	38
PLOG-8992	proteomics_log	3448046	3448108	-	6	48	K.VLESAIANAEHNDGADIDDLK.V	25
PLOG-8993	proteomics_log	3448046	3448111	-	6	26	K.KVLESAIANAEHNDGADIDDLK.V	26
PLOG-8994	proteomics_log	3448109	3448132	-	6	19	K.KAAVLVKK.V	12
PLOG-8995	proteomics_log	3448109	3448171	-	6	101	K.VSQALDILTYTNKKAAVLVKK.V	25
PLOG-8996	proteomics_log	3448109	3448174	-	6	39	K.KVSQALDILTYTNKKAAVLVKK.V	26
PLOG-8997	proteomics_log	3448109	3448180	-	6	2	R.GKKVSQALDILTYTNKKAAVLVKK.V	28
PLOG-8998	proteomics_log	3448112	3448171	-	6	63	K.VSQALDILTYTNKKAAVLVK.K	24
PLOG-8999	proteomics_log	3448112	3448174	-	6	61	K.KVSQALDILTYTNKKAAVLVK.K	25
PLOG-9000	proteomics_log	3448112	3448180	-	6	24	R.GKKVSQALDILTYTNKKAAVLVK.K	27
PLOG-9001	proteomics_log	3448112	3448201	-	6	4	R.LVADLIRGKKVSQALDILTYTNKKAAVLVK.K	34
PLOG-9002	proteomics_log	3448130	3448171	-	6	316	K.VSQALDILTYTNKK.A	18
PLOG-9003	proteomics_log	3448130	3448174	-	6	338	K.KVSQALDILTYTNKK.A	19
PLOG-9004	proteomics_log	3448130	3448180	-	6	289	R.GKKVSQALDILTYTNKK.A	21
PLOG-9005	proteomics_log	3448130	3448201	-	6	83	R.LVADLIRGKKVSQALDILTYTNKK.A	28
PLOG-9006	proteomics_log	3448133	3448171	-	6	191	K.VSQALDILTYTNK.K	17
PLOG-9007	proteomics_log	3448133	3448174	-	6	148	K.KVSQALDILTYTNK.K	18
PLOG-9008	proteomics_log	3448133	3448180	-	6	182	R.GKKVSQALDILTYTNK.K	20
PLOG-9009	proteomics_log	3448133	3448201	-	6	40	R.LVADLIRGKKVSQALDILTYTNK.K	27
PLOG-9010	proteomics_log	3448142	3448171	-	6	2	K.VSQALDILTY.T	14
PLOG-9011	proteomics_log	3448142	3448174	-	6	2	K.KVSQALDILTY.T	15

PLOG-9012	proteomics_log	3448172	3448201	-	6	6	R.LVADLIRGKK.V	14
PLOG-9013	proteomics_log	3448175	3448201	-	6	81	R.LVADLIRGK.K	13
PLOG-9014	proteomics_log	3448175	3448222	-	6	14	R.SSAQKVRLVADLIRGK.K	20
PLOG-9015	proteomics_log	3448181	3448222	-	6	11	R.SSAQKVRLVADLIR.G	18
PLOG-9016	proteomics_log	3448181	3448225	-	6	2	A.RSSAQKVRLVADLIR.G	19
PLOG-9017	proteomics_log	3448223	3448255	-	6	15	E.METIAKHRHAR.S	15
PLOG-9018	proteomics_log	3448232	3448255	-	6	35	E.M*ETIAKHR.H	13
PLOG-9019	proteomics_log	3448232	3448255	-	6	160	E.METIAKHR.H	12
PLOG-9020	proteomics_log	3448279	3448314	-	5	3	R.TYRGHAADKKAK.K	16
PLOG-9021	proteomics_log	3448288	3448314	-	5	3	R.TYRGHAADK.K	13
PLOG-9022	proteomics_log	3448315	3448338	-	5	32	K.LGEFAPTR.T	12
PLOG-9023	proteomics_log	3448315	3448383	-	5	5	R.QHVPVFVTDEM*VGHKLGEFAPTR.T	28
PLOG-9024	proteomics_log	3448315	3448383	-	5	134	R.QHVPVFVTDEMVGHKLGEFAPTR.T	27
PLOG-9025	proteomics_log	3448339	3448383	-	5	4	R.QHVPVFVTDEM*VGHK.L	20
PLOG-9026	proteomics_log	3448339	3448383	-	5	87	R.QHVPVFVTDEMVGHK.L	19
PLOG-9027	proteomics_log	3448339	3448437	-	5	3	R.STIFPNMIGLTIAVHNGRQHVPVFVTDEMVGHK.L	37
PLOG-9028	proteomics_log	3448384	3448413	-	5	2	I.GLTIAVHNGR.Q	14
PLOG-9029	proteomics_log	3448384	3448425	-	5	23	F.PNMIGLTIAVHNGR.Q	18
PLOG-9030	proteomics_log	3448384	3448428	-	5	9	I.FPNMIGLTIAVHNGR.Q	19
PLOG-9031	proteomics_log	3448384	3448437	-	5	4	R.STIFPNM*IGLTIAVHNGR.Q	23
PLOG-9032	proteomics_log	3448384	3448437	-	5	220	R.STIFPNMIGLTIAVHNGR.Q	22
PLOG-9033	proteomics_log	3448384	3448440	-	5	29	R.RSTIFPNM*IGLTIAVHNGR.Q	24
PLOG-9034	proteomics_log	3448384	3448440	-	5	357	R.RSTIFPNMIGLTIAVHNGR.Q	23
PLOG-9035	proteomics_log	3448393	3448437	-	5	7	R.STIFPNMIGLTIAVH.N	19
PLOG-9036	proteomics_log	3448399	3448437	-	5	4	R.STIFPNMIGLTI.V	17
PLOG-9037	proteomics_log	3448438	3448494	-	5	4	K.VEKAVESGDKKPLRTWSRR.S	23
PLOG-9038	proteomics_log	3448438	3448497	-	5	5	K.KVEKAVESGDKKPLRTWSRR.S	24
PLOG-9039	proteomics_log	3448441	3448485	-	5	4	K.AVESGDKKPLRTWSR.R	19
PLOG-9040	proteomics_log	3448441	3448494	-	5	2	K.VEKAVESGDKKPLRTWSR.R	22
PLOG-9041	proteomics_log	3448441	3448497	-	5	70	K.KVEKAVESGDKKPLRTWSR.R	23
PLOG-9042	proteomics_log	3448453	3448482	-	5	5	A.VESGDKKPLR.T	14
PLOG-9043	proteomics_log	3448453	3448485	-	5	191	K.AVESGDKKPLR.T	15
PLOG-9044	proteomics_log	3448453	3448494	-	5	49	K.VEKAVESGDKKPLR.T	18
PLOG-9045	proteomics_log	3448453	3448497	-	5	168	K.KVEKAVESGDKKPLR.T	19
PLOG-9046	proteomics_log	3448486	3448527	-	5	2	K.GPFDLHLLKKVEK.A	18
PLOG-9047	proteomics_log	3448486	3448530	-	5	42	K.KGPFDLHLLKKVEK.A	19
PLOG-9048	proteomics_log	3448486	3448539	-	5	34	R.SLKKGPFDLHLLKKVEK.A	22
PLOG-9049	proteomics_log	3448486	3448545	-	5	17	M.PRSLKKGPFIDLHLLKKVEK.A	24
PLOG-9050	proteomics_log	3448495	3448530	-	5	96	K.KGPFDLHLLKK.V	16
PLOG-9051	proteomics_log	3448495	3448539	-	5	215	R.SLKKGPFDLHLLKK.V	19
PLOG-9052	proteomics_log	3448495	3448545	-	5	28	M.PRSLKKGPFIDLHLLKK.V	21
PLOG-9053	proteomics_log	3448498	3448527	-	5	112	K.GPFDLHLLK.K	14
PLOG-9054	proteomics_log	3448498	3448530	-	5	408	K.KGPFDLHLLK.K	15
PLOG-9055	proteomics_log	3448498	3448539	-	5	395	R.SLKKGPFDLHLLK.K	18
PLOG-9056	proteomics_log	3448498	3448545	-	5	164	M.PRSLKKGPFIDLHLLK.K	20
PLOG-9057	proteomics_log	3448580	3448600	-	6	8	R.TDKFIVR.R	11

PLOG-9058	proteomics_log	3448580	3448603	-	6	34	K.RTDKFIVR.R	12
PLOG-9059	proteomics_log	3448580	3448612	-	6	296	R.SNKRTDKFIVR.R	15
PLOG-9060	proteomics_log	3448580	3448618	-	6	2	K.TRSNKRTDKFIVR.R	17
PLOG-9061	proteomics_log	3448613	3448672	-	6	7	R.NFGKHPVTPWGVQTKGKKTR.S	24
PLOG-9062	proteomics_log	3448619	3448672	-	6	28	R.NFGKHPVTPWGVQTKGKK.T	22
PLOG-9063	proteomics_log	3448622	3448672	-	6	57	R.NFGKHPVTPWGVQTKGK.K	21
PLOG-9064	proteomics_log	3448628	3448672	-	6	242	R.NFGKHPVTPWGVQTK.G	19
PLOG-9065	proteomics_log	3448628	3448723	-	6	11	R.GTAMNPVDHPHGGGEGRNFGKHPVTPWGVQTK.G	36
PLOG-9066	proteomics_log	3448673	3448708	-	6	12	N.PVDHPHGGGEGR.N	16
PLOG-9067	proteomics_log	3448673	3448711	-	6	4	M.NPVDHPHGGGEGR.N	17
PLOG-9068	proteomics_log	3448673	3448714	-	6	2	A.MNPVDHPHGGGEGR.N	18
PLOG-9069	proteomics_log	3448673	3448717	-	6	3	T.AMNPVDHPHGGGEGR.N	19
PLOG-9070	proteomics_log	3448673	3448723	-	6	197	R.GTAM*NPVDHPHGGGEGR.N	22
PLOG-9071	proteomics_log	3448673	3448723	-	6	287	R.GTAMNPVDHPHGGGEGR.N	21
PLOG-9072	proteomics_log	3448673	3448744	-	6	23	R.GVRPTVRGTAMNPVDHPHGGGEGR.N	28
PLOG-9073	proteomics_log	3448673	3448750	-	6	2	R.WRGVRPTVRGTAMNPVDHPHGGGEGR.N	30
PLOG-9074	proteomics_log	3448751	3448777	-	6	84	R.VLGKAGAAR.W	13
PLOG-9075	proteomics_log	3448751	3448780	-	6	7	L.RVLGKAGAAR.W	14
PLOG-9076	proteomics_log	3448751	3448819	-	6	65	R.ATLGEVGNAEHMLRVLGKAGAAR.W	27
PLOG-9077	proteomics_log	3448766	3448810	-	6	2	L.GEVGNAEHMLRVLGK.A	19
PLOG-9078	proteomics_log	3448766	3448819	-	6	113	R.ATLGEVGNAEHMLRVLGK.A	22
PLOG-9079	proteomics_log	3448766	3448840	-	6	4	R.KVEADCRATLGEVGNAEHMLRVLGK.A	29
PLOG-9080	proteomics_log	3448778	3448810	-	6	3	L.GEVGNAEHMLR.V	15
PLOG-9081	proteomics_log	3448778	3448813	-	6	2	T.LGEVGNAEHM*LR.V	17
PLOG-9082	proteomics_log	3448778	3448813	-	6	10	T.LGEVGNAEHMLR.V	16
PLOG-9083	proteomics_log	3448778	3448819	-	6	220	R.ATLGEVGNAEHM*LR.V	19
PLOG-9084	proteomics_log	3448778	3448819	-	6	348	R.ATLGEVGNAEHMLR.V	18
PLOG-9085	proteomics_log	3448778	3448822	-	6	2	C.RATLGEVGNAEHM*LR.V	20
PLOG-9086	proteomics_log	3448778	3448840	-	6	6	R.KVEADCRATLGEVGNAEHMLR.V	25
PLOG-9087	proteomics_log	3448781	3448819	-	6	6	R.ATLGEVGNAEHML.R	17
PLOG-9088	proteomics_log	3448790	3448819	-	6	3	R.ATLGEVGNAE.H	14
PLOG-9089	proteomics_log	3448856	3448885	-	6	2	R.DGAYVTLRLR.S	14
PLOG-9090	proteomics_log	3448856	3448918	-	6	6	R.SAGTYVQIVARDGAYVTLRLR.S	25
PLOG-9091	proteomics_log	3448862	3448885	-	6	293	R.DGAYVTLR.L	12
PLOG-9092	proteomics_log	3448886	3448918	-	6	506	R.SAGTYVQIVAR.D	15
PLOG-9093	proteomics_log	3448919	3448981	-	6	33	I.PVGSTVHNEMKPGKGGQLAR.S	25
PLOG-9094	proteomics_log	3448919	3448987	-	6	13	R.NIPVGSTVHNEM*KPGKGGQLAR.S	28
PLOG-9095	proteomics_log	3448919	3448987	-	6	231	R.NIPVGSTVHNEMKPGKGGQLAR.S	27
PLOG-9096	proteomics_log	3448919	3449020	-	6	65	A.AIKPGNTLPM*RNIPVGSTVHNEMKPGKGGQLAR.S	39
PLOG-9097	proteomics_log	3448919	3449053	-	6	6	K.AGDQIQSGVDAAIKPGNTLPM*RNIPVGSTVHNEM*KPGKGGQLAR.S	51
PLOG-9098	proteomics_log	3448919	3449062	-	6	4	K.GLKAGDQIQSGVDAAIKPGNTLPM*RNIPVGSTVHNEMKPGKGGQLAR.S	53
PLOG-9099	proteomics_log	3448919	3449062	-	6	4	K.GLKAGDQIQSGVDAAIKPGNTLPMRNIPVGSTVHNEM*KPGKGGQLAR.S	53
PLOG-9100	proteomics_log	3448919	3449062	-	6	4	K.GLKAGDQIQSGVDAAIKPGNTLPMRNIPVGSTVHNEMKPGKGGQLAR.S	52
PLOG-9101	proteomics_log	3448937	3448981	-	6	12	I.PVGSTVHNEMKPGK.G	19
PLOG-9102	proteomics_log	3448937	3448987	-	6	4	R.NIPVGSTVHNEM*KPGK.G	22
PLOG-9103	proteomics_log	3448937	3448987	-	6	53	R.NIPVGSTVHNEMKPGK.G	21

PLOG-9104	proteomics_log	3448988	3449053	-	6	39	K.AGDQIQSGVDAAIKPGNTLPM*R.N	27
PLOG-9105	proteomics_log	3448988	3449053	-	6	344	K.AGDQIQSGVDAAIKPGNTLPMR.N	26
PLOG-9106	proteomics_log	3448988	3449062	-	6	43	K.GLKAGDQIQSGVDAAIKPGNTLPM*R.N	30
PLOG-9107	proteomics_log	3448988	3449062	-	6	367	K.GLKAGDQIQSGVDAAIKPGNTLPMR.N	29
PLOG-9108	proteomics_log	3448988	3449080	-	6	5	R.YILAPKGLKAGDQIQSGVDAAIKPGNTLPM*R.N	36
PLOG-9109	proteomics_log	3448988	3449080	-	6	121	R.YILAPKGLKAGDQIQSGVDAAIKPGNTLPMR.N	35
PLOG-9110	proteomics_log	3448988	3449083	-	6	6	R.RYILAPKGLKAGDQIQSGVDAAIKPGNTLPM*R.N	37
PLOG-9111	proteomics_log	3449063	3449080	-	6	11	R.YILAPK.G	10
PLOG-9112	proteomics_log	3449063	3449125	-	6	45	R.SANIALVLYKDGERRYILAPK.G	25
PLOG-9113	proteomics_log	3449081	3449125	-	6	89	R.SANIALVLYKDGERR.Y	19
PLOG-9114	proteomics_log	3449081	3449146	-	6	61	R.LEYDPNRSANIALVLYKDGERR.Y	26
PLOG-9115	proteomics_log	3449081	3449179	-	6	7	R.NKDGIPAVVERLEYDPNRSANIALVLYKDGERR.Y	37
PLOG-9116	proteomics_log	3449084	3449125	-	6	165	R.SANIALVLYKDGERR.R	18
PLOG-9117	proteomics_log	3449084	3449143	-	6	4	L.EYDPNRSANIALVLYKDGERR.R	24
PLOG-9118	proteomics_log	3449084	3449146	-	6	230	R.LEYDPNRSANIALVLYKDGERR.R	25
PLOG-9119	proteomics_log	3449096	3449125	-	6	84	R.SANIALVLYK.D	14
PLOG-9120	proteomics_log	3449096	3449146	-	6	23	R.LEYDPNRSANIALVLYK.D	21
PLOG-9121	proteomics_log	3449096	3449179	-	6	5	R.NKDGIPAVVERLEYDPNRSANIALVLYK.D	32
PLOG-9122	proteomics_log	3449126	3449179	-	6	7	R.NKDGIPAVVERLEYDPNR.S	22
PLOG-9123	proteomics_log	3449147	3449179	-	6	182	R.NKDGIPAVVER.L	15
PLOG-9124	proteomics_log	3449147	3449182	-	6	4	K.RNKDGIPAVVER.L	16
PLOG-9125	proteomics_log	3449147	3449197	-	6	18	R.IVDFKRNKDGIPAVVER.L	21
PLOG-9126	proteomics_log	3449180	3449230	-	6	4	R.HIGGGHKQAYRIVDFKR.N	21
PLOG-9127	proteomics_log	3449198	3449230	-	6	217	R.HIGGGHKQAYR.I	15
PLOG-9128	proteomics_log	3449270	3449302	-	6	17	K.PFAPLLEKNSK.S	15
PLOG-9129	proteomics_log	3449270	3449308	-	6	118	K.GKPFAPLLEKNSK.S	17
PLOG-9130	proteomics_log	3449270	3449332	-	6	140	K.VVNPELHKGKPFAPLLEKNSK.S	25
PLOG-9131	proteomics_log	3449270	3449344	-	6	52	R.HVVKVVNPELHKGKPFAPLLEKNSK.S	29
PLOG-9132	proteomics_log	3449279	3449308	-	6	43	K.GKPFAPLLEK.N	14
PLOG-9133	proteomics_log	3449279	3449332	-	6	15	K.VVNPELHKGKPFAPLLEK.N	22
PLOG-9134	proteomics_log	3449279	3449344	-	6	112	R.HVVKVVNPELHKGKPFAPLLEK.N	26
PLOG-9135	proteomics_log	3449309	3449326	-	6	3	V.NPELHK.G	10
PLOG-9136	proteomics_log	3449309	3449332	-	6	77	K.VVNPELHK.G	12
PLOG-9137	proteomics_log	3449309	3449344	-	6	227	R.HVVKVVNPELHK.G	16
PLOG-9138	proteomics_log	3449309	3449347	-	6	10	R.RHVVKVVNPELHK.G	17
PLOG-9139	proteomics_log	3449318	3449344	-	6	2	R.HVVKVVNPE.L	13
PLOG-9140	proteomics_log	3449348	3449383	-	6	9	M.AVVCKPTSPGR.R	16
PLOG-9141	proteomics_log	3449348	3449389	-	6	15	N.TMAVVKCKPTSPGR.R	18
PLOG-9142	proteomics_log	3449407	3449442	-	5	115	K.EGQNLDVFGGAE.-	16
PLOG-9143	proteomics_log	3449407	3449460	-	5	432	K.AYVTLKEGQNLDVFGGAE.-	22
PLOG-9144	proteomics_log	3449407	3449463	-	5	6	K.KAYVTLKEGQNLDVFGGAE.-	23
PLOG-9145	proteomics_log	3449407	3449475	-	5	80	R.SDWKKAYVTLKEGQNLDVFGGAE.-	27
PLOG-9146	proteomics_log	3449407	3449478	-	5	86	R.RSDWKKAYVTLKEGQNLDVFGGAE.-	28
PLOG-9147	proteomics_log	3449407	3449487	-	5	7	R.IGRRSDWKKAYVTLKEGQNLDVFGGAE.-	31
PLOG-9148	proteomics_log	3449443	3449475	-	5	2	R.SDWKKAYVTLK.E	15
PLOG-9149	proteomics_log	3449488	3449574	-	5	2	K.AAVQKLFEVEVVNTLVVKGKVKRHRGQR.I	33

PLOG-9150	proteomics_log	3449500	3449559	-	5	7	K.LFEVEVEVVNTLVVKGKVKR.H	24
PLOG-9151	proteomics_log	3449500	3449574	-	5	98	K.AAVQKLFVEVEVVNTLVVKGKVKR.H	29
PLOG-9152	proteomics_log	3449500	3449586	-	5	13	K.AEIKAAVQKLFVEVEVVNTLVVKGKVKR.H	33
PLOG-9153	proteomics_log	3449500	3449598	-	5	3	K.DATKAEIKAAVQKLFVEVEVVNTLVVKGKVKR.H	37
PLOG-9154	proteomics_log	3449503	3449574	-	5	35	K.AAVQKLFVEVEVVNTLVVKGKVK.R	28
PLOG-9155	proteomics_log	3449509	3449559	-	5	12	K.LFEVEVEVVNTLVVKGK.V	21
PLOG-9156	proteomics_log	3449509	3449565	-	5	36	V.QKLFVEVEVVNTLVVKGK.V	23
PLOG-9157	proteomics_log	3449509	3449574	-	5	583	K.AAVQKLFVEVEVVNTLVVKGK.V	26
PLOG-9158	proteomics_log	3449509	3449586	-	5	155	K.AEIKAAVQKLFVEVEVVNTLVVKGK.V	30
PLOG-9159	proteomics_log	3449509	3449598	-	5	168	K.DATKAEIKAAVQKLFVEVEVVNTLVVKGK.V	34
PLOG-9160	proteomics_log	3449509	3449607	-	5	64	K.VAKDATKAEIKAAVQKLFVEVEVVNTLVVKGK.V	37
PLOG-9161	proteomics_log	3449515	3449559	-	5	1600	K.LFEVEVEVVNTLVVK.G	19
PLOG-9162	proteomics_log	3449515	3449574	-	5	220	K.AAVQKLFVEVEVVNTLVVK.G	24
PLOG-9163	proteomics_log	3449515	3449586	-	5	150	K.AEIKAAVQKLFVEVEVVNTLVVK.G	28
PLOG-9164	proteomics_log	3449515	3449598	-	5	183	K.DATKAEIKAAVQKLFVEVEVVNTLVVK.G	32
PLOG-9165	proteomics_log	3449515	3449607	-	5	184	K.VAKDATKAEIKAAVQKLFVEVEVVNTLVVK.G	35
PLOG-9166	proteomics_log	3449515	3449628	-	5	17	K.SNTIVLKVAKDATKAEIKAAVQKLFVEVEVVNTLVVK.G	42
PLOG-9167	proteomics_log	3449560	3449586	-	5	6	K.AEIKAAVQK.L	13
PLOG-9168	proteomics_log	3449560	3449598	-	5	14	K.DATKAEIKAAVQK.L	17
PLOG-9169	proteomics_log	3449560	3449607	-	5	197	K.VAKDATKAEIKAAVQK.L	20
PLOG-9170	proteomics_log	3449560	3449628	-	5	62	K.SNTIVLKVAKDATKAEIKAAVQK.L	27
PLOG-9171	proteomics_log	3449575	3449598	-	5	8	K.DATKAEIK.A	12
PLOG-9172	proteomics_log	3449575	3449604	-	5	3	V.AKDATKAEIK.A	14
PLOG-9173	proteomics_log	3449575	3449607	-	5	60	K.VAKDATKAEIK.A	15
PLOG-9174	proteomics_log	3449575	3449628	-	5	38	K.SNTIVLKVAKDATKAEIK.A	22
PLOG-9175	proteomics_log	3449575	3449649	-	5	4	K.ASTAM*EKSNTIVLKVAKDATKAEIK.A	30
PLOG-9176	proteomics_log	3449575	3449649	-	5	58	K.ASTAMEKSNTIVLKVAKDATKAEIK.A	29
PLOG-9177	proteomics_log	3449587	3449628	-	5	68	K.SNTIVLKVAKDATK.A	18
PLOG-9178	proteomics_log	3449587	3449649	-	5	13	K.ASTAMEKSNTIVLKVAKDATK.A	25
PLOG-9179	proteomics_log	3449599	3449628	-	5	51	K.SNTIVLKVAK.D	14
PLOG-9180	proteomics_log	3449599	3449649	-	5	2	K.ASTAM*EKSNTIVLKVAK.D	22
PLOG-9181	proteomics_log	3449599	3449649	-	5	20	K.ASTAMEKSNTIVLKVAK.D	21
PLOG-9182	proteomics_log	3449599	3449679	-	5	2	K.VLRAPHVSEKASTAMEKSNTIVLKVAK.D	31
PLOG-9183	proteomics_log	3449602	3449679	-	5	111	K.VLRAPHVSEKASTAMEKSNTIVLKVA.K	30
PLOG-9184	proteomics_log	3449608	3449649	-	5	5	K.ASTAM*EKSNTIVLK.V	19
PLOG-9185	proteomics_log	3449608	3449649	-	5	104	K.ASTAMEKSNTIVLK.V	18
PLOG-9186	proteomics_log	3449608	3449670	-	5	15	R.APHVSEKASTAMEKSNTIVLK.V	25
PLOG-9187	proteomics_log	3449608	3449679	-	5	4	K.VLRAPHVSEKASTAM*EKSNTIVLK.V	29
PLOG-9188	proteomics_log	3449608	3449679	-	5	183	K.VLRAPHVSEKASTAMEKSNTIVLK.V	28
PLOG-9189	proteomics_log	3449608	3449688	-	5	54	R.LLKVLRAPHVSEKASTAMEKSNTIVLK.V	31
PLOG-9190	proteomics_log	3449629	3449649	-	5	2	K.ASTAMEK.S	11
PLOG-9191	proteomics_log	3449629	3449670	-	5	8	R.APHVSEKASTAM*EK.S	19
PLOG-9192	proteomics_log	3449629	3449670	-	5	76	R.APHVSEKASTAMEK.S	18
PLOG-9193	proteomics_log	3449629	3449679	-	5	7	K.VLRAPHVSEKASTAM*EK.S	22
PLOG-9194	proteomics_log	3449629	3449679	-	5	301	K.VLRAPHVSEKASTAMEK.S	21
PLOG-9195	proteomics_log	3449629	3449688	-	5	140	R.LLKVLRAPHVSEKASTAMEK.S	24

PLOG-9196	proteomics_log	3449650	3449670	-	5	48	R.APHVSEK.A	11
PLOG-9197	proteomics_log	3449650	3449679	-	5	106	K.VLRAPHVSEK.A	14
PLOG-9198	proteomics_log	3449650	3449688	-	5	89	R.LLKVLRAPHVSEK.A	17
PLOG-9199	proteomics_log	3449706	3449753	-	4	10	K.VVMTADAVKQVEEMLA.-	20
PLOG-9200	proteomics_log	3449706	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	36
PLOG-9201	proteomics_log	3449706	3449798	-	4	6	R.DATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	36
PLOG-9202	proteomics_log	3449706	3449798	-	4	71	R.DATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	35
PLOG-9203	proteomics_log	3449706	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	37
PLOG-9204	proteomics_log	3449706	3449810	-	4	3	K.VDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	41
PLOG-9205	proteomics_log	3449706	3449810	-	4	159	K.VDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	39
PLOG-9206	proteomics_log	3449706	3449822	-	4	17	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	44
PLOG-9207	proteomics_log	3449706	3449822	-	4	28	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	44
PLOG-9208	proteomics_log	3449706	3449822	-	4	17	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	45
PLOG-9209	proteomics_log	3449706	3449822	-	4	255	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	43
PLOG-9210	proteomics_log	3449706	3449753	-	4	10	K.VVMTADAVKQVEEMLA.-	20
PLOG-9211	proteomics_log	3449706	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	36
PLOG-9212	proteomics_log	3449706	3449798	-	4	6	R.DATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	36
PLOG-9213	proteomics_log	3449706	3449798	-	4	71	R.DATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	35
PLOG-9214	proteomics_log	3449706	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	37
PLOG-9215	proteomics_log	3449706	3449810	-	4	3	K.VDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	41
PLOG-9216	proteomics_log	3449706	3449810	-	4	159	K.VDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	39
PLOG-9217	proteomics_log	3449706	3449822	-	4	17	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	44
PLOG-9218	proteomics_log	3449706	3449822	-	4	28	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	44
PLOG-9219	proteomics_log	3449706	3449822	-	4	17	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEM*LA.-	45
PLOG-9220	proteomics_log	3449706	3449822	-	4	255	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVKQVEEMLA.-	43
PLOG-9221	proteomics_log	3449727	3449753	-	4	3	K.VVMTADAVK.Q	13
PLOG-9222	proteomics_log	3449727	3449753	-	4	3	K.VVM*TADAVK.Q	14
PLOG-9223	proteomics_log	3449727	3449762	-	4	2	A.FDKVVMTADAVK.Q	17
PLOG-9224	proteomics_log	3449727	3449762	-	4	44	A.FDKVVMTADAVK.Q	16
PLOG-9225	proteomics_log	3449727	3449798	-	4	9	R.DATGIDPVSLIAFDKVVMTADAVK.Q	29
PLOG-9226	proteomics_log	3449727	3449798	-	4	181	R.DATGIDPVSLIAFDKVVMTADAVK.Q	28
PLOG-9227	proteomics_log	3449727	3449810	-	4	10	K.VDVRDATGIDPVSLIAFDKVVMTADAVK.Q	32
PLOG-9228	proteomics_log	3449727	3449822	-	4	5	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVK.Q	37
PLOG-9229	proteomics_log	3449727	3449822	-	4	169	R.NLHKVDVRDATGIDPVSLIAFDKVVMTADAVK.Q	36
PLOG-9230	proteomics_log	3449739	3449798	-	4	9	R.DATGIDPVSLIAFDKVVMTA.D	24
PLOG-9231	proteomics_log	3449739	3449798	-	4	9	R.DATGIDPVSLIAFDKVVMTA.D	25
PLOG-9232	proteomics_log	3449742	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTA	24
PLOG-9233	proteomics_log	3449745	3449798	-	4	6	R.DATGIDPVSLIAFDKVVMT	23
PLOG-9234	proteomics_log	3449748	3449798	-	4	220	R.DATGIDPVSLIAFDKVV.M	21
PLOG-9235	proteomics_log	3449748	3449822	-	4	71	R.NLHKVDVRDATGIDPVSLIAFDKVV.M	29
PLOG-9236	proteomics_log	3449754	3449798	-	4	124	R.DATGIDPVSLIAFDK.V	19
PLOG-9237	proteomics_log	3449754	3449822	-	4	39	R.NLHKVDVRDATGIDPVSLIAFDK.V	27
PLOG-9238	proteomics_log	3449760	3449798	-	4	2	R.DATGIDPVSLIAF.D	17
PLOG-9239	proteomics_log	3449763	3449798	-	4	15	R.DATGIDPVSLIA.F	16
PLOG-9240	proteomics_log	3449763	3449810	-	4	2	K.VDVRDATGIDPVSLIA.F	20
PLOG-9241	proteomics_log	3449763	3449822	-	4	8	R.NLHKVDVRDATGIDPVSLIA.F	24

PLOG-9242	proteomics_log	3449769	3449798	-	4	6	R.DATGIDPVSL.I	14
PLOG-9243	proteomics_log	3449772	3449798	-	4	4	R.DATGIDPVS.L	13
PLOG-9244	proteomics_log	3449799	3449822	-	4	167	R.NLHKVDVDR.D	12
PLOG-9245	proteomics_log	3449799	3449828	-	4	34	A.ARNHLHKVDVDR.D	14
PLOG-9246	proteomics_log	3449823	3449882	-	4	30	A.LEDVLIITGELDENLFLAAR.N	24
PLOG-9247	proteomics_log	3449823	3449891	-	4	16	K.DM*ALEDVLIITGELDENLFLAAR.N	28
PLOG-9248	proteomics_log	3449823	3449891	-	4	281	K.DMALEDVLIITGELDENLFLAAR.N	27
PLOG-9249	proteomics_log	3449823	3449897	-	4	229	K.LKDM*ALEDVLIITGELDENLFLAAR.N	30
PLOG-9250	proteomics_log	3449823	3449897	-	4	2027	K.LKDMALEDVLIITGELDENLFLAAR.N	29
PLOG-9251	proteomics_log	3449823	3449903	-	4	16	A.QKLKDMALEDVLIITGELDENLFLAAR.N	31
PLOG-9252	proteomics_log	3449823	3449906	-	4	2	L.AQKLKDMALEDVLIITGELDENLFLAAR.N	32
PLOG-9253	proteomics_log	3449823	3449912	-	4	500	K.LLAQKLKDM*ALEDVLIITGELDENLFLAAR.N	35
PLOG-9254	proteomics_log	3449823	3449912	-	4	1078	K.LLAQKLKDMALEDVLIITGELDENLFLAAR.N	34
PLOG-9255	proteomics_log	3449823	3449918	-	4	21	K.TKLLAQKLKDM*ALEDVLIITGELDENLFLAAR.N	37
PLOG-9256	proteomics_log	3449823	3449918	-	4	257	K.TKLLAQKLKDMALEDVLIITGELDENLFLAAR.N	36
PLOG-9257	proteomics_log	3449823	3449939	-	4	115	K.FSVEAPKTKLLAQKLKDMALEDVLIITGELDENLFLAAR.N	43
PLOG-9258	proteomics_log	3449829	3449897	-	4	42	K.LKDMALEDVLIITGELDENLFLA.A	27
PLOG-9259	proteomics_log	3449829	3449912	-	4	12	K.LLAQKLKDM*ALEDVLIITGELDENLFLA.A	33
PLOG-9260	proteomics_log	3449829	3449912	-	4	115	K.LLAQKLKDMALEDVLIITGELDENLFLA.A	32
PLOG-9261	proteomics_log	3449829	3449918	-	4	14	K.TKLLAQKLKDMALEDVLIITGELDENLFLA.A	34
PLOG-9262	proteomics_log	3449829	3449939	-	4	5	K.FSVEAPKTKLLAQKLKDMALEDVLIITGELDENLFLA.A	41
PLOG-9263	proteomics_log	3449832	3449912	-	4	2	K.LLAQKLKDMALEDVLIITGELDENLFL.A	31
PLOG-9264	proteomics_log	3449835	3449912	-	4	2	K.LLAQKLKDMALEDVLIITGELDENLFL.L	30
PLOG-9265	proteomics_log	3449892	3449912	-	4	4	K.LLAQKLK.D	11
PLOG-9266	proteomics_log	3449898	3449939	-	4	7	K.FSVEAPKTKLLAQK.L	18
PLOG-9267	proteomics_log	3449898	3449957	-	4	10	R.LIVVEKFSVEAPKTKLLAQK.L	24
PLOG-9268	proteomics_log	3449913	3449939	-	4	52	K.FSVEAPKTK.L	13
PLOG-9269	proteomics_log	3449913	3449951	-	4	2	I.VVEKFSVEAPKTK.L	17
PLOG-9270	proteomics_log	3449913	3449957	-	4	167	R.LIVVEKFSVEAPKTK.L	19
PLOG-9271	proteomics_log	3449913	3449966	-	4	99	R.QDRLIVVEKFSVEAPKTK.L	22
PLOG-9272	proteomics_log	3449913	3449990	-	4	46	K.SILSELVRQDRLIVVEKFSVEAPKTK.L	30
PLOG-9273	proteomics_log	3449919	3449939	-	4	2	K.FSVEAPK.T	11
PLOG-9274	proteomics_log	3449919	3449957	-	4	52	R.LIVVEKFSVEAPK.T	17
PLOG-9275	proteomics_log	3449919	3449966	-	4	2	R.QDRLIVVEKFSVEAPK.T	20
PLOG-9276	proteomics_log	3449919	3449990	-	4	2	K.SILSELVRQDRLIVVEKFSVEAPK.T	28
PLOG-9277	proteomics_log	3449940	3449966	-	4	8	R.QDRLIVVEK.F	13
PLOG-9278	proteomics_log	3449940	3449990	-	4	4	K.SILSELVRQDRLIVVEK.F	21
PLOG-9279	proteomics_log	3449940	3450002	-	4	117	R.GALKSILSELVRQDRLIVVEK.F	25
PLOG-9280	proteomics_log	3449958	3449990	-	4	13	K.SILSELVRQDR.L	15
PLOG-9281	proteomics_log	3449958	3450002	-	4	33	R.GALKSILSELVRQDR.L	19
PLOG-9282	proteomics_log	3449958	3450011	-	4	12	K.MYRGALKSILSELVRQDR.L	22
PLOG-9283	proteomics_log	3449967	3449990	-	4	199	K.SILSELVR.Q	12
PLOG-9284	proteomics_log	3449967	3450002	-	4	208	R.GALKSILSELVR.Q	16
PLOG-9285	proteomics_log	3449967	3450011	-	4	3	K.M*YRGALKSILSELVR.Q	20
PLOG-9286	proteomics_log	3449967	3450011	-	4	35	K.MYRGALKSILSELVR.Q	19
PLOG-9287	proteomics_log	3450003	3450071	-	4	33	R.SGGVTFARPQDHSQVKNKKMYR.G	27

PLOG-9288	proteomics_log	3450012	3450071	-	4	151	R.SGGVTFAARPQDHSQKVNKK.M	24
PLOG-9289	proteomics_log	3450015	3450053	-	4	2	F.AARPQDHSQKVNK.K	17
PLOG-9290	proteomics_log	3450015	3450071	-	4	112	R.SGGVTFAARPQDHSQKVNK.K	23
PLOG-9291	proteomics_log	3450024	3450071	-	4	55	R.SGGVTFAARPQDHSQK.V	20
PLOG-9292	proteomics_log	3450045	3450071	-	4	3	R.SGGVTFAAR.P	13
PLOG-9293	proteomics_log	3450072	3450101	-	4	134	R.SGSIKSPIWR.S	14
PLOG-9294	proteomics_log	3450072	3450107	-	4	57	R.ARSGSIKSPIWR.S	16
PLOG-9295	proteomics_log	3450108	3450161	-	4	8	R.AEVTGSGKKPWRQKGTGR.A	22
PLOG-9296	proteomics_log	3450108	3450167	-	4	4	K.TRAEVTGSGKKPWRQKGTGR.A	24
PLOG-9297	proteomics_log	3450108	3450176	-	4	3	R.AQKTRAEVTGSGKKPWRQKGTGR.A	27
PLOG-9298	proteomics_log	3450120	3450161	-	4	41	R.AEVTGSGKKPWRQK.G	18
PLOG-9299	proteomics_log	3450120	3450167	-	4	2	K.TRAEVTGSGKKPWRQK.G	20
PLOG-9300	proteomics_log	3450126	3450161	-	4	115	R.AEVTGSGKKPWR.Q	16
PLOG-9301	proteomics_log	3450126	3450167	-	4	44	K.TRAEVTGSGKKPWR.Q	18
PLOG-9302	proteomics_log	3450126	3450176	-	4	18	R.AQKTRAEVTGSGKKPWR.Q	21
PLOG-9303	proteomics_log	3450138	3450167	-	4	24	K.TRAEVTGSGK.K	14
PLOG-9304	proteomics_log	3450189	3450245	-	4	291	R.DFNEALVHQVVVYAAAGAR.Q	23
PLOG-9305	proteomics_log	3450189	3450290	-	4	228	K.DAQSALTVSETTFGRDFNEALVHQVVVYAAAGAR.Q	38
PLOG-9306	proteomics_log	3450189	3450308	-	4	74	A.M*ELVLKDAQSALTVSETTFGRDFNEALVHQVVVYAAAGAR.Q	45
PLOG-9307	proteomics_log	3450189	3450308	-	4	543	A.MELVLKDAQSALTVSETTFGRDFNEALVHQVVVYAAAGAR.Q	44
PLOG-9308	proteomics_log	3450246	3450290	-	4	27	K.DAQSALTVSETTFGR.D	19
PLOG-9309	proteomics_log	3450246	3450308	-	4	11	A.M*ELVLKDAQSALTVSETTFGR.D	26
PLOG-9310	proteomics_log	3450246	3450308	-	4	247	A.MELVLKDAQSALTVSETTFGR.D	25
PLOG-9311	proteomics_log	3450322	3450378	-	5	328	K.GAVPGATGSDLIVKPAVKA.-	23
PLOG-9312	proteomics_log	3450322	3450396	-	5	347	R.NLLLKVGAVPGATGSDLIVKPAVKA.-	29
PLOG-9313	proteomics_log	3450322	3450411	-	5	158	R.VDAERNLLLKVGAVPGATGSDLIVKPAVKA.-	34
PLOG-9314	proteomics_log	3450322	3450441	-	5	20	R.VTVQSLDVVRVDAERNLLLKVGAVPGATGSDLIVKPAVKA.-	44
PLOG-9315	proteomics_log	3450325	3450369	-	5	12	V.PGATGSDLIVKPAVK.A	19
PLOG-9316	proteomics_log	3450325	3450378	-	5	57	K.GAVPGATGSDLIVKPAVK.A	22
PLOG-9317	proteomics_log	3450325	3450396	-	5	14	R.NLLLKVGAVPGATGSDLIVKPAVK.A	28
PLOG-9318	proteomics_log	3450379	3450411	-	5	44	R.VDAERNLLLK.G	15
PLOG-9319	proteomics_log	3450379	3450441	-	5	173	R.VTVQSLDVVRVDAERNLLLK.G	25
PLOG-9320	proteomics_log	3450379	3450468	-	5	2	K.MAGQMGNERVTVQSLDVVRVDAERNLLLK.G	34
PLOG-9321	proteomics_log	3450397	3450441	-	5	135	R.VTVQSLDVVRVDAER.N	19
PLOG-9322	proteomics_log	3450397	3450468	-	5	24	K.MAGQMGNERVTVQSLDVVRVDAER.N	28
PLOG-9323	proteomics_log	3450412	3450441	-	5	381	R.VTVQSLDVVR.V	14
PLOG-9324	proteomics_log	3450412	3450468	-	5	3	K.M*AGQM*GNERVTVQSLDVVR.V	25
PLOG-9325	proteomics_log	3450412	3450468	-	5	3	K.MAGQM*GNERVTVQSLDVVR.V	24
PLOG-9326	proteomics_log	3450412	3450468	-	5	114	K.MAGQMGNERVTVQSLDVVR.V	23
PLOG-9327	proteomics_log	3450412	3450471	-	5	50	K.KMAGQMGNERVTVQSLDVVR.V	24
PLOG-9328	proteomics_log	3450442	3450468	-	5	59	K.MAGQM*GNER.V	14
PLOG-9329	proteomics_log	3450442	3450468	-	5	59	K.M*AGQM*GNER.V	15
PLOG-9330	proteomics_log	3450442	3450468	-	5	104	K.M*AGQMGNER.V	14
PLOG-9331	proteomics_log	3450442	3450468	-	5	157	K.MAGQMGNER.V	13
PLOG-9332	proteomics_log	3450442	3450471	-	5	23	K.KMAGQM*GNER.V	15
PLOG-9333	proteomics_log	3450442	3450471	-	5	44	K.KM*AGQMGNER.V	15

PLOG-9334	proteomics_log	3450442	3450471	-	5	149	K.KMAGQMGNER.V	14
PLOG-9335	proteomics_log	3450526	3450558	-	5	2	Q.DATHGNSLSHR.V	15
PLOG-9336	proteomics_log	3450526	3450564	-	5	166	R.TQDATHGNSLSHR.V	17
PLOG-9337	proteomics_log	3450577	3450606	-	5	100	K.GKGFAGTVKR.W	14
PLOG-9338	proteomics_log	3450577	3450630	-	5	74	K.VDVTGTSKGGKGFAGTVKR.W	22
PLOG-9339	proteomics_log	3450577	3450633	-	5	145	K.KVDVTGTSKGGKGFAGTVKR.W	23
PLOG-9340	proteomics_log	3450580	3450606	-	5	25	K.GKGFAGTVK.R	13
PLOG-9341	proteomics_log	3450580	3450633	-	5	25	K.KVDVTGTSKGGKGFAGTVK.R	22
PLOG-9342	proteomics_log	3450601	3450630	-	5	19	K.VDVTGTSKGGK.G	14
PLOG-9343	proteomics_log	3450601	3450633	-	5	124	K.KVDVTGTSKGGK.G	15
PLOG-9344	proteomics_log	3450601	3450699	-	5	3	R.LAEGEFTVGQSSISVELFADVKKVDVTGTSKGGK.G	37
PLOG-9345	proteomics_log	3450607	3450627	-	5	8	V.DVTGTSK.G	11
PLOG-9346	proteomics_log	3450607	3450630	-	5	11	K.VDVTGTSK.G	12
PLOG-9347	proteomics_log	3450607	3450633	-	5	180	K.KVDVTGTSK.G	13
PLOG-9348	proteomics_log	3450607	3450699	-	5	78	R.LAEGEFTVGQSSISVELFADVKKVDVTGTSK.G	35
PLOG-9349	proteomics_log	3450634	3450699	-	5	271	R.LAEGEFTVGQSSISVELFADVK.K	26
PLOG-9350	proteomics_log	3450700	3450738	-	5	60	K.AGVEAGRGLWEFR.L	17
PLOG-9351	proteomics_log	3450718	3450783	-	5	5	K.KANRVTKPEAGHFAKAGVEAGR.G	26
PLOG-9352	proteomics_log	3450739	3450771	-	5	184	R.VTKPEAGHFAK.A	15
PLOG-9353	proteomics_log	3450739	3450780	-	5	85	K.ANRVTKPEAGHFAK.A	18
PLOG-9354	proteomics_log	3450739	3450783	-	5	318	K.KANRVTKPEAGHFAK.A	19
PLOG-9355	proteomics_log	3450739	3450810	-	5	91	R.AIQVTTGAKKANRVTKPEAGHFAK.A	28
PLOG-9356	proteomics_log	3450772	3450810	-	5	138	R.AIQVTTGAKKANR.V	17
PLOG-9357	proteomics_log	3450781	3450810	-	5	6	R.AIQVTTGAKK.A	14
PLOG-9358	proteomics_log	3450784	3450810	-	5	282	R.AIQVTTGAK.K	13
PLOG-9359	proteomics_log	3450784	3450834	-	5	14	K.DLANDGYRAIQVTTGAK.K	21
PLOG-9360	proteomics_log	3450784	3450849	-	5	11	R.VTQVKDLANDGYRAIQVTTGAK.K	26
PLOG-9361	proteomics_log	3450784	3450909	-	5	53	R.IFTEDGVSIPVTVIEVEANRVTVQVKDLANDGYRAIQVTTGAK.K	46
PLOG-9362	proteomics_log	3450811	3450834	-	5	26	K.DLANDGYR.A	12
PLOG-9363	proteomics_log	3450811	3450849	-	5	277	R.VTQVKDLANDGYR.A	17
PLOG-9364	proteomics_log	3450811	3450882	-	5	2	I.PVTVIEVEANRVTVQVKDLANDGYR.A	28
PLOG-9365	proteomics_log	3450811	3450888	-	5	20	V.SIPVTVIEVEANRVTVQVKDLANDGYR.A	30
PLOG-9366	proteomics_log	3450811	3450909	-	5	332	R.IFTEDGVSIPVTVIEVEANRVTVQVKDLANDGYR.A	37
PLOG-9367	proteomics_log	3450835	3450888	-	5	14	V.SIPVTVIEVEANRVTVQVK.D	22
PLOG-9368	proteomics_log	3450835	3450909	-	5	64	R.IFTEDGVSIPVTVIEVEANRVTVQVK.D	29
PLOG-9369	proteomics_log	3450835	3450948	-	5	24	T.MIGLVGKKVGMTRIFTEDGVSIPVTVIEVEANRVTVQVK.D	42
PLOG-9370	proteomics_log	3450850	3450909	-	5	506	R.IFTEDGVSIPVTVIEVEANR.V	24
PLOG-9371	proteomics_log	3450910	3450942	-	5	3	I.GLVGKKVGMTR.I	15
PLOG-9372	proteomics_log	3450910	3450945	-	5	3	M.IGLVGKKVGM*TR.I	17
PLOG-9373	proteomics_log	3450910	3450948	-	5	3	T.M*IGLVGKKVGMTR.I	18
PLOG-9374	proteomics_log	3450910	3450948	-	5	9	T.MIGLVGKKVGM*TR.I	18
PLOG-9375	proteomics_log	3450910	3450948	-	5	136	T.MIGLVGKKVGMTR.I	17
PLOG-9376	proteomics_log	3450925	3450948	-	5	247	T.MIGLVGKK.V	12
PLOG-9377	proteomics_log	3450928	3450948	-	5	138	T.MIGLVGK.K	11
PLOG-9378	proteomics_log	3450984	3451025	-	4	17	R.LDLAAGVDVQISLG.-	18
PLOG-9379	proteomics_log	3450996	3451025	-	4	9	R.LDLAAGVDVQ.I	14

PLOG-9380	proteomics_log	3451026	3451046	-	4	2	K.TVDALM*R.L	12
PLOG-9381	proteomics_log	3451026	3451046	-	4	25	K.TVDALMR.L	11
PLOG-9382	proteomics_log	3451026	3451070	-	4	15	V.DIVEPTEKTVDALMR.L	19
PLOG-9383	proteomics_log	3451026	3451076	-	4	62	R.LVDIVEPTEKTVDALM*R.L	22
PLOG-9384	proteomics_log	3451026	3451076	-	4	650	R.LVDIVEPTEKTVDALMR.L	21
PLOG-9385	proteomics_log	3451026	3451079	-	4	4	L.RLVDIVEPTEKTVDALMR.L	22
PLOG-9386	proteomics_log	3451026	3451082	-	4	4	H.LRLVDIVEPTEKTVDALMR.L	23
PLOG-9387	proteomics_log	3451026	3451088	-	4	4	R.THLRLVDIVEPTEKTVDALM*R.L	26
PLOG-9388	proteomics_log	3451026	3451088	-	4	54	R.THLRLVDIVEPTEKTVDALMR.L	25
PLOG-9389	proteomics_log	3451038	3451076	-	4	3	R.LVDIVEPTEKTV.D.A	17
PLOG-9390	proteomics_log	3451047	3451070	-	4	17	V.DIVEPTEK.T	12
PLOG-9391	proteomics_log	3451047	3451076	-	4	438	R.LVDIVEPTEK.T	14
PLOG-9392	proteomics_log	3451047	3451082	-	4	6	H.LRLVDIVEPTEK.T	16
PLOG-9393	proteomics_log	3451047	3451088	-	4	67	R.THLRLVDIVEPTEK.T	18
PLOG-9394	proteomics_log	3451050	3451076	-	4	2	R.LVDIVEPTE.K	13
PLOG-9395	proteomics_log	3451077	3451106	-	4	17	R.DQYEIRTHLR.L	14
PLOG-9396	proteomics_log	3451077	3451148	-	4	101	R.FTVLISPHVNKDARDQYEIRTHLR.L	28
PLOG-9397	proteomics_log	3451089	3451106	-	4	85	R.DQYEIR.T	10
PLOG-9398	proteomics_log	3451089	3451148	-	4	188	R.FTVLISPHVNKDARDQYEIR.T	24
PLOG-9399	proteomics_log	3451089	3451154	-	4	11	K.ERFTVLISPHVNKDARDQYEIR.T	26
PLOG-9400	proteomics_log	3451107	3451148	-	4	252	R.FTVLISPHVNKDAR.D	18
PLOG-9401	proteomics_log	3451107	3451154	-	4	9	K.ERFTVLISPHVNKDAR.D	20
PLOG-9402	proteomics_log	3451116	3451148	-	4	175	R.FTVLISPHVNK.D	15
PLOG-9403	proteomics_log	3451119	3451148	-	4	4	R.FTVLISPHVN.K	14
PLOG-9404	proteomics_log	3451149	3451181	-	4	4	R.GPIPLPTRKER.F	15
PLOG-9405	proteomics_log	3451149	3451199	-	4	74	R.TGAQVRGPIPLPTRKER.F	21
PLOG-9406	proteomics_log	3451155	3451181	-	4	2	R.GPIPLPTRK.E	13
PLOG-9407	proteomics_log	3451155	3451199	-	4	70	R.TGAQVRGPIPLPTRK.E	19
PLOG-9408	proteomics_log	3451158	3451199	-	4	65	R.TGAQVRGPIPLPTR.K	18
PLOG-9409	proteomics_log	3451158	3451202	-	4	3	K.RTGAQVRGPIPLPTR.K	19
PLOG-9410	proteomics_log	3451158	3451244	-	4	11	R.LIDQATAEIVETAKRTGAQVRGPIPLPTR.K	33
PLOG-9411	proteomics_log	3451182	3451244	-	4	78	R.LIDQATAEIVETAKRTGAQVR.G	25
PLOG-9412	proteomics_log	3451182	3451259	-	4	5	K.AFDHRLIDQATAEIVETAKRTGAQVR.G	30
PLOG-9413	proteomics_log	3451200	3451238	-	4	22	I.DQATAEIVETAKR.T	17
PLOG-9414	proteomics_log	3451200	3451244	-	4	228	R.LIDQATAEIVETAKR.T	19
PLOG-9415	proteomics_log	3451200	3451259	-	4	155	K.AFDHRLIDQATAEIVETAKR.T	24
PLOG-9416	proteomics_log	3451200	3451265	-	4	71	R.LKAFDHRLIDQATAEIVETAKR.T	26
PLOG-9417	proteomics_log	3451200	3451271	-	4	3	R.IRLKAFDHRLIDQATAEIVETAKR.T	28
PLOG-9418	proteomics_log	3451203	3451238	-	4	4	I.DQATAEIVETAK.R	16
PLOG-9419	proteomics_log	3451203	3451241	-	4	15	L.IDQATAEIVETAK.R	17
PLOG-9420	proteomics_log	3451203	3451244	-	4	376	R.LIDQATAEIVETAK.R	18
PLOG-9421	proteomics_log	3451203	3451247	-	4	10	H.RLIDQATAEIVETAK.R	19
PLOG-9422	proteomics_log	3451203	3451259	-	4	48	K.AFDHRLIDQATAEIVETAK.R	23
PLOG-9423	proteomics_log	3451203	3451265	-	4	6	R.LKAFDHRLIDQATAEIVETAK.R	25
PLOG-9424	proteomics_log	3451212	3451244	-	4	8	R.LIDQATAEIVE.T	15
PLOG-9425	proteomics_log	3455415	3455468	-	4	2	-.TSTM*IASTSTCARRMSRR.A	23

PLOG-9426	proteomics_log	3464283	3464318	-	4	3	K.MGLQNYLQAQIR.E	16
PLOG-9427	proteomics_log	3464319	3464396	-	4	59	R.DMMIEILRDEEGHIDWLETELDIQK.M	30
PLOG-9428	proteomics_log	3464397	3464441	-	4	8	R.EAIGYADSVHDYVSR.D	19
PLOG-9429	proteomics_log	3464397	3464450	-	4	5	K.NLREAIGYADSVHDYVSR.D	22
PLOG-9430	proteomics_log	3464397	3464483	-	4	9	R.SDLALELDGAKNLR.EAIGYADSVHDYVSR.D	33
PLOG-9431	proteomics_log	3464442	3464483	-	4	2	R.SDLALELDGAKNLR.E	18
PLOG-9432	proteomics_log	3464442	3464564	-	4	3	R.ILFLEGLPNLQDLGKLNIGEDVEEMLRSDLALELDGAKNLR.E	45
PLOG-9433	proteomics_log	3464451	3464483	-	4	4	R.SDLALELDGAK.N	15
PLOG-9434	proteomics_log	3464451	3464564	-	4	9	R.ILFLEGLPNLQDLGKLNIGEDVEEMLRSDLALELDGAK.N	42
PLOG-9435	proteomics_log	3464484	3464519	-	4	8	K.LNIGEDVEEMLR.S	16
PLOG-9436	proteomics_log	3464484	3464564	-	4	5	R.ILFLEGLPNLQDLGKLNIGEDVEEM*LR.S	32
PLOG-9437	proteomics_log	3464484	3464564	-	4	154	R.ILFLEGLPNLQDLGKLNIGEDVEEMLR.S	31
PLOG-9438	proteomics_log	3464520	3464564	-	4	49	R.ILFLEGLPNLQDLGK.L	19
PLOG-9439	proteomics_log	3464565	3464630	-	4	3	R.LNDVEYHESIDEMKHADRYIER.I	26
PLOG-9440	proteomics_log	3464658	3464708	-	4	98	K.LLGNELVAINQYFLHAR.M	21
PLOG-9441	proteomics_log	3464658	3464729	-	4	29	K.VINYLNKLLGNELVAINQYFLHAR.M	28
PLOG-9442	proteomics_log	3464658	3464747	-	4	17	K.MKGDTKVINYLNKLLGNELVAINQYFLHAR.M	34
PLOG-9443	proteomics_log	3468170	3468205	-	6	125	R.TVGAGVVAKVLG.-	16
PLOG-9444	proteomics_log	3468170	3468217	-	6	12	R.EGGRTVGAGVVAKVLG.-	20
PLOG-9445	proteomics_log	3468179	3468202	-	6	18	T.VGAGVVAK.V	12
PLOG-9446	proteomics_log	3468179	3468202	-	6	18	T.VGAGVVAK.V	12
PLOG-9447	proteomics_log	3468179	3468205	-	6	7	R.TVGAGVVAK.V	13
PLOG-9448	proteomics_log	3468179	3468205	-	6	7	R.TVGAGVVAK.V	13
PLOG-9449	proteomics_log	3468179	3468214	-	6	5	E.GGRTVGAGVVAK.V	16
PLOG-9450	proteomics_log	3468179	3468214	-	6	5	E.GGRTVGAGVVAK.V	16
PLOG-9451	proteomics_log	3468179	3468217	-	6	285	R.EGGRTVGAGVVAK.V	17
PLOG-9452	proteomics_log	3468179	3468217	-	6	285	R.EGGRTVGAGVVAK.V	17
PLOG-9453	proteomics_log	3468179	3468229	-	6	30	R.FAIREGGRTVGAGVVAK.V	21
PLOG-9454	proteomics_log	3468179	3468229	-	6	30	R.FAIREGGRTVGAGVVAK.V	21
PLOG-9455	proteomics_log	3468179	3468277	-	6	2	K.MVVTLIHPIAM*DDGLRFAIREGGRTVGAGVVAK.V	38
PLOG-9456	proteomics_log	3468179	3468277	-	6	38	K.MVVTLIHPIAMDDGLRFAIREGGRTVGAGVVAK.V	37
PLOG-9457	proteomics_log	3468179	3468277	-	6	2	K.MVVTLIHPIAM*DDGLRFAIREGGRTVGAGVVAK.V	38
PLOG-9458	proteomics_log	3468179	3468277	-	6	38	K.MVVTLIHPIAMDDGLRFAIREGGRTVGAGVVAK.V	37
PLOG-9459	proteomics_log	3468206	3468277	-	6	4	K.M*VVTLIHPIAM*DDGLRFAIREGGR.T	30
PLOG-9460	proteomics_log	3468206	3468277	-	6	16	K.MVVTLIHPIAM*DDGLRFAIREGGR.T	29
PLOG-9461	proteomics_log	3468206	3468277	-	6	41	K.M*VVTLIHPIAMDDGLRFAIREGGR.T	29
PLOG-9462	proteomics_log	3468206	3468277	-	6	222	K.MVVTLIHPIAMDDGLRFAIREGGR.T	28
PLOG-9463	proteomics_log	3468206	3468277	-	6	4	K.M*VVTLIHPIAM*DDGLRFAIREGGR.T	30
PLOG-9464	proteomics_log	3468206	3468277	-	6	16	K.MVVTLIHPIAM*DDGLRFAIREGGR.T	29
PLOG-9465	proteomics_log	3468206	3468277	-	6	41	K.M*VVTLIHPIAMDDGLRFAIREGGR.T	29
PLOG-9466	proteomics_log	3468206	3468277	-	6	222	K.MVVTLIHPIAMDDGLRFAIREGGR.T	28
PLOG-9467	proteomics_log	3468218	3468256	-	6	14	H.PIAMDDGLRFAIR.E	17
PLOG-9468	proteomics_log	3468218	3468256	-	6	14	H.PIAMDDGLRFAIR.E	17
PLOG-9469	proteomics_log	3468218	3468259	-	6	2	I.HPIAMDDGLRFAIR.E	18
PLOG-9470	proteomics_log	3468218	3468259	-	6	2	I.HPIAMDDGLRFAIR.E	18
PLOG-9471	proteomics_log	3468218	3468271	-	6	20	V.VTLIHPIAMDDGLRFAIR.E	22

PLOG-9472	proteomics_log	3468218	3468271	-	6	20	V.VTLIHPIAMDDGLRFAIR.E	22
PLOG-9473	proteomics_log	3468218	3468277	-	6	9	K.M*VVTLIHPIAM*DDGLRFAIR.E	26
PLOG-9474	proteomics_log	3468218	3468277	-	6	15	K.M*VVTLIHPIAMDDGLRFAIR.E	25
PLOG-9475	proteomics_log	3468218	3468277	-	6	37	K.MVVTLIHPIAM*DDGLRFAIR.E	25
PLOG-9476	proteomics_log	3468218	3468277	-	6	503	K.MVVTLIHPIAMDDGLRFAIR.E	24
PLOG-9477	proteomics_log	3468218	3468277	-	6	9	K.M*VVTLIHPIAM*DDGLRFAIR.E	26
PLOG-9478	proteomics_log	3468218	3468277	-	6	15	K.M*VVTLIHPIAMDDGLRFAIR.E	25
PLOG-9479	proteomics_log	3468218	3468277	-	6	37	K.MVVTLIHPIAM*DDGLRFAIR.E	25
PLOG-9480	proteomics_log	3468218	3468277	-	6	503	K.MVVTLIHPIAMDDGLRFAIR.E	24
PLOG-9481	proteomics_log	3468218	3468349	-	6	9	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLRFAIR.E	48
PLOG-9482	proteomics_log	3468218	3468349	-	6	9	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLRFAIR.E	48
PLOG-9483	proteomics_log	3468224	3468277	-	6	50	K.MVVTLIHPIAMDDGLRFA.I	22
PLOG-9484	proteomics_log	3468224	3468277	-	6	50	K.MVVTLIHPIAMDDGLRFA.I	22
PLOG-9485	proteomics_log	3468227	3468277	-	6	2	K.M*VVTLIHPIAMDDGLRF.A	22
PLOG-9486	proteomics_log	3468227	3468277	-	6	180	K.MVVTLIHPIAMDDGLRF.A	21
PLOG-9487	proteomics_log	3468227	3468277	-	6	2	K.M*VVTLIHPIAMDDGLRF.A	22
PLOG-9488	proteomics_log	3468227	3468277	-	6	180	K.MVVTLIHPIAMDDGLRF.A	21
PLOG-9489	proteomics_log	3468230	3468259	-	6	7	I.HPIAMDDGLR.F	14
PLOG-9490	proteomics_log	3468230	3468259	-	6	7	I.HPIAMDDGLR.F	14
PLOG-9491	proteomics_log	3468230	3468268	-	6	73	V.TLIHPIAMDDGLR.F	17
PLOG-9492	proteomics_log	3468230	3468268	-	6	73	V.TLIHPIAMDDGLR.F	17
PLOG-9493	proteomics_log	3468230	3468271	-	6	15	V.VTLIHPIAM*DDGLR.F	19
PLOG-9494	proteomics_log	3468230	3468271	-	6	94	V.VTLIHPIAMDDGLR.F	18
PLOG-9495	proteomics_log	3468230	3468271	-	6	15	V.VTLIHPIAM*DDGLR.F	19
PLOG-9496	proteomics_log	3468230	3468271	-	6	94	V.VTLIHPIAMDDGLR.F	18
PLOG-9497	proteomics_log	3468230	3468274	-	6	83	M.VVTLIHPIAMDDGLR.F	19
PLOG-9498	proteomics_log	3468230	3468274	-	6	83	M.VVTLIHPIAMDDGLR.F	19
PLOG-9499	proteomics_log	3468230	3468277	-	6	166	K.M*VVTLIHPIAM*DDGLR.F	22
PLOG-9500	proteomics_log	3468230	3468277	-	6	278	K.MVVTLIHPIAM*DDGLR.F	21
PLOG-9501	proteomics_log	3468230	3468277	-	6	288	K.M*VVTLIHPIAMDDGLR.F	21
PLOG-9502	proteomics_log	3468230	3468277	-	6	828	K.MVVTLIHPIAMDDGLR.F	20
PLOG-9503	proteomics_log	3468230	3468277	-	6	166	K.M*VVTLIHPIAM*DDGLR.F	22
PLOG-9504	proteomics_log	3468230	3468277	-	6	278	K.MVVTLIHPIAM*DDGLR.F	21
PLOG-9505	proteomics_log	3468230	3468277	-	6	288	K.M*VVTLIHPIAMDDGLR.F	21
PLOG-9506	proteomics_log	3468230	3468277	-	6	828	K.MVVTLIHPIAMDDGLR.F	20
PLOG-9507	proteomics_log	3468230	3468349	-	6	56	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLR.F	44
PLOG-9508	proteomics_log	3468230	3468349	-	6	56	R.TTDVTGTIELPEGVEMVMPGDNIKMVVTLIHPIAMDDGLR.F	44
PLOG-9509	proteomics_log	3468239	3468277	-	6	5	K.MVVTLIHPIAMDD.G	17
PLOG-9510	proteomics_log	3468239	3468277	-	6	5	K.MVVTLIHPIAMDD.G	17
PLOG-9511	proteomics_log	3468242	3468277	-	6	3	K.M*VVTLIHPIAMD.D	17
PLOG-9512	proteomics_log	3468242	3468277	-	6	8	K.MVVTLIHPIAM*D.D	17
PLOG-9513	proteomics_log	3468242	3468277	-	6	150	K.MVVTLIHPIAMD.D	16
PLOG-9514	proteomics_log	3468242	3468277	-	6	3	K.M*VVTLIHPIAMD.D	17
PLOG-9515	proteomics_log	3468242	3468277	-	6	8	K.MVVTLIHPIAM*D.D	17
PLOG-9516	proteomics_log	3468242	3468277	-	6	150	K.MVVTLIHPIAMD.D	16
PLOG-9517	proteomics_log	3468245	3468277	-	6	3	K.M*VVTLIHPIAM*.D	17

PLOG-9518	proteomics_log	3468245	3468277	-	6	9	K.M*VVTLIHPIAM.D	16
PLOG-9519	proteomics_log	3468245	3468277	-	6	8	K.MVVTLIHPIAM*.D	16
PLOG-9520	proteomics_log	3468245	3468277	-	6	316	K.MVVTLIHPIAM.D	15
PLOG-9521	proteomics_log	3468245	3468277	-	6	3	K.M*VVTLIHPIAM*.D	17
PLOG-9522	proteomics_log	3468245	3468277	-	6	9	K.M*VVTLIHPIAM.D	16
PLOG-9523	proteomics_log	3468245	3468277	-	6	8	K.MVVTLIHPIAM*.D	16
PLOG-9524	proteomics_log	3468245	3468277	-	6	316	K.MVVTLIHPIAM.D	15
PLOG-9525	proteomics_log	3468248	3468277	-	6	3	K.MVVTLIHPIA.M	14
PLOG-9526	proteomics_log	3468248	3468277	-	6	3	K.MVVTLIHPIA.M	14
PLOG-9527	proteomics_log	3468278	3468313	-	6	4	E.GVEM*VM*PGDNIK.M	18
PLOG-9528	proteomics_log	3468278	3468313	-	6	4	E.GVEM*VM*PGDNIK.M	18
PLOG-9529	proteomics_log	3468278	3468319	-	6	34	L.PEGVEMVMPGDNIK.M	18
PLOG-9530	proteomics_log	3468278	3468319	-	6	34	L.PEGVEMVMPGDNIK.M	18
PLOG-9531	proteomics_log	3468278	3468322	-	6	2	E.LPEGVEMVMPGDNIK.M	19
PLOG-9532	proteomics_log	3468278	3468322	-	6	2	E.LPEGVEMVMPGDNIK.M	19
PLOG-9533	proteomics_log	3468278	3468340	-	6	9	D.VTGTELPEGVEMVMPGDNIK.M	25
PLOG-9534	proteomics_log	3468278	3468340	-	6	9	D.VTGTELPEGVEMVMPGDNIK.M	25
PLOG-9535	proteomics_log	3468278	3468343	-	6	10	T.DVTGTIELPEGVEMVM*PGDNIK.M	27
PLOG-9536	proteomics_log	3468278	3468343	-	6	22	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PLOG-9537	proteomics_log	3468278	3468343	-	6	10	T.DVTGTIELPEGVEM*VM*PGDNIK.M	28
PLOG-9538	proteomics_log	3468278	3468343	-	6	10	T.DVTGTIELPEGVEMVM*PGDNIK.M	27
PLOG-9539	proteomics_log	3468278	3468343	-	6	22	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PLOG-9540	proteomics_log	3468278	3468343	-	6	10	T.DVTGTIELPEGVEM*VM*PGDNIK.M	28
PLOG-9541	proteomics_log	3468278	3468349	-	6	70	R.TTDVTGTIELPEGVEM*VMPGDNIK.M	29
PLOG-9542	proteomics_log	3468278	3468349	-	6	371	R.TTDVTGTIELPEGVEMVM*PGDNIK.M	29
PLOG-9543	proteomics_log	3468278	3468349	-	6	70	R.TTDVTGTIELPEGVEM*VM*PGDNIK.M	30
PLOG-9544	proteomics_log	3468278	3468349	-	6	1008	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PLOG-9545	proteomics_log	3468278	3468349	-	6	70	R.TTDVTGTIELPEGVEM*VMPGDNIK.M	29
PLOG-9546	proteomics_log	3468278	3468349	-	6	371	R.TTDVTGTIELPEGVEMVM*PGDNIK.M	29
PLOG-9547	proteomics_log	3468278	3468349	-	6	70	R.TTDVTGTIELPEGVEM*VM*PGDNIK.M	30
PLOG-9548	proteomics_log	3468278	3468349	-	6	1008	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PLOG-9549	proteomics_log	3468278	3468358	-	6	2	F.YFRTTDVTGTIELPEGVEMVMPGDNIK.M	31
PLOG-9550	proteomics_log	3468278	3468358	-	6	2	F.YFRTTDVTGTIELPEGVEMVMPGDNIK.M	31
PLOG-9551	proteomics_log	3468278	3468376	-	6	7	K.GYRPQFYFRTTDVTGTIELPEGVEMVMPGDNIK.M	37
PLOG-9552	proteomics_log	3468278	3468376	-	6	7	K.GYRPQFYFRTTDVTGTIELPEGVEMVMPGDNIK.M	37
PLOG-9553	proteomics_log	3468302	3468349	-	6	81	R.TTDVTGTIELPEGVEM.V	20
PLOG-9554	proteomics_log	3468302	3468349	-	6	81	R.TTDVTGTIELPEGVEM*.V	21
PLOG-9555	proteomics_log	3468302	3468349	-	6	81	R.TTDVTGTIELPEGVEM*.V	21
PLOG-9556	proteomics_log	3468302	3468349	-	6	81	R.TTDVTGTIELPEGVEM.V	20
PLOG-9557	proteomics_log	3468350	3468376	-	6	147	K.GYRPQFYFR.T	13
PLOG-9558	proteomics_log	3468350	3468376	-	6	147	K.GYRPQFYFR.T	13
PLOG-9559	proteomics_log	3468350	3468394	-	6	11	R.HTPFFKGYRPQFYFR.T	19
PLOG-9560	proteomics_log	3468350	3468394	-	6	11	R.HTPFFKGYRPQFYFR.T	19
PLOG-9561	proteomics_log	3468350	3468439	-	6	23	K.FESEVYILSKDEGGRHTPFFKGYRPQFYFR.T	34
PLOG-9562	proteomics_log	3468350	3468439	-	6	23	K.FESEVYILSKDEGGRHTPFFKGYRPQFYFR.T	34
PLOG-9563	proteomics_log	3468356	3468409	-	6	2	K.DEGGRHTPFFKGYRPQFY.F	22

PLOG-9564	proteomics_log	3468356	3468409	-	6	2	K.DEGGRHTPFFKGYRPQY.F	22
PLOG-9565	proteomics_log	3468362	3468394	-	6	5	R.HTPFFKGYRPQ.F	15
PLOG-9566	proteomics_log	3468362	3468394	-	6	5	R.HTPFFKGYRPQ.F	15
PLOG-9567	proteomics_log	3468362	3468409	-	6	8	K.DEGGRHTPFFKGYRPQ.F	20
PLOG-9568	proteomics_log	3468362	3468409	-	6	8	K.DEGGRHTPFFKGYRPQ.F	20
PLOG-9569	proteomics_log	3468377	3468409	-	6	3	K.DEGGRHTPFFK.G	15
PLOG-9570	proteomics_log	3468377	3468409	-	6	3	K.DEGGRHTPFFK.G	15
PLOG-9571	proteomics_log	3468377	3468439	-	6	75	K.FESEVYILSKDEGGRHTPFFK.G	25
PLOG-9572	proteomics_log	3468377	3468439	-	6	75	K.FESEVYILSKDEGGRHTPFFK.G	25
PLOG-9573	proteomics_log	3468395	3468421	-	6	12	Y.ILSKDEGGR.H	13
PLOG-9574	proteomics_log	3468395	3468421	-	6	12	Y.ILSKDEGGR.H	13
PLOG-9575	proteomics_log	3468395	3468439	-	6	100	K.FESEVYILSKDEGGR.H	19
PLOG-9576	proteomics_log	3468395	3468439	-	6	100	K.FESEVYILSKDEGGR.H	19
PLOG-9577	proteomics_log	3468395	3468451	-	6	44	K.PHTKFESEVYILSKDEGGR.H	23
PLOG-9578	proteomics_log	3468395	3468451	-	6	44	K.PHTKFESEVYILSKDEGGR.H	23
PLOG-9579	proteomics_log	3468395	3468484	-	6	61	R.GQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	34
PLOG-9580	proteomics_log	3468395	3468484	-	6	61	R.GQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	34
PLOG-9581	proteomics_log	3468395	3468499	-	6	4	R.EEIERGQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	39
PLOG-9582	proteomics_log	3468395	3468499	-	6	4	R.EEIERGQVLAKPGTIKPHTKFESEVYILSKDEGGR.H	39
PLOG-9583	proteomics_log	3468410	3468439	-	6	203	K.FESEVYILSK.D	14
PLOG-9584	proteomics_log	3468410	3468439	-	6	203	K.FESEVYILSK.D	14
PLOG-9585	proteomics_log	3468410	3468466	-	6	3	K.PGTIKPHTKFESEVYILSK.D	23
PLOG-9586	proteomics_log	3468410	3468466	-	6	3	K.PGTIKPHTKFESEVYILSK.D	23
PLOG-9587	proteomics_log	3468410	3468484	-	6	289	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PLOG-9588	proteomics_log	3468410	3468484	-	6	289	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PLOG-9589	proteomics_log	3468410	3468499	-	6	9	R.EEIERGQVLAKPGTIKPHTKFESEVYILSK.D	34
PLOG-9590	proteomics_log	3468410	3468499	-	6	9	R.EEIERGQVLAKPGTIKPHTKFESEVYILSK.D	34
PLOG-9591	proteomics_log	3468422	3468484	-	6	58	R.GQVLAKPGTIKPHTKFESEVY.I	25
PLOG-9592	proteomics_log	3468422	3468484	-	6	58	R.GQVLAKPGTIKPHTKFESEVY.I	25
PLOG-9593	proteomics_log	3468440	3468466	-	6	5	K.PGTIKPHTK.F	13
PLOG-9594	proteomics_log	3468440	3468466	-	6	5	K.PGTIKPHTK.F	13
PLOG-9595	proteomics_log	3468440	3468484	-	6	135	R.GQVLAKPGTIKPHTK.F	19
PLOG-9596	proteomics_log	3468440	3468484	-	6	135	R.GQVLAKPGTIKPHTK.F	19
PLOG-9597	proteomics_log	3468440	3468499	-	6	22	R.EEIERGQVLAKPGTIKPHTK.F	24
PLOG-9598	proteomics_log	3468440	3468499	-	6	22	R.EEIERGQVLAKPGTIKPHTK.F	24
PLOG-9599	proteomics_log	3468440	3468511	-	6	10	R.GIKREEIERGQVLAKPGTIKPHTK.F	28
PLOG-9600	proteomics_log	3468440	3468511	-	6	10	R.GIKREEIERGQVLAKPGTIKPHTK.F	28
PLOG-9601	proteomics_log	3468485	3468502	-	6	2	K.REEIER.G	10
PLOG-9602	proteomics_log	3468485	3468502	-	6	2	K.REEIER.G	10
PLOG-9603	proteomics_log	3468485	3468502	-	6	2	K.REEIER.G	10
PLOG-9604	proteomics_log	3468485	3468511	-	6	119	R.GIKREEIER.G	13
PLOG-9605	proteomics_log	3468485	3468511	-	6	119	R.GIKREEIER.G	13
PLOG-9606	proteomics_log	3468485	3468541	-	6	88	R.AGENVGVLLRGIKREEIER.G	23
PLOG-9607	proteomics_log	3468485	3468541	-	6	88	R.AGENVGVLLRGIKREEIER.G	23
PLOG-9608	proteomics_log	3468485	3468559	-	6	34	K.LLDEGRAGENVGVLLRGIKREEIER.G	29
PLOG-9609	proteomics_log	3468485	3468559	-	6	34	K.LLDEGRAGENVGVLLRGIKREEIER.G	29

PLOG-9610	proteomics_log	3468485	3468562	-	6	15	R.KLLDEGRAGENVGVLLRGIKREEIER.G	30
PLOG-9611	proteomics_log	3468485	3468562	-	6	15	R.KLLDEGRAGENVGVLLRGIKREEIER.G	30
PLOG-9612	proteomics_log	3468500	3468541	-	6	3	R.AGENVGVLLRGIKR.E	18
PLOG-9613	proteomics_log	3468500	3468541	-	6	3	R.AGENVGVLLRGIKR.E	18
PLOG-9614	proteomics_log	3468500	3468559	-	6	29	K.LLDEGRAGENVGVLLRGIKR.E	24
PLOG-9615	proteomics_log	3468500	3468559	-	6	29	K.LLDEGRAGENVGVLLRGIKR.E	24
PLOG-9616	proteomics_log	3468500	3468562	-	6	9	R.KLLDEGRAGENVGVLLRGIKR.E	25
PLOG-9617	proteomics_log	3468500	3468562	-	6	9	R.KLLDEGRAGENVGVLLRGIKR.E	25
PLOG-9618	proteomics_log	3468503	3468541	-	6	30	R.AGENVGVLLRGIK.R	17
PLOG-9619	proteomics_log	3468503	3468541	-	6	30	R.AGENVGVLLRGIK.R	17
PLOG-9620	proteomics_log	3468503	3468559	-	6	71	K.LLDEGRAGENVGVLLRGIK.R	23
PLOG-9621	proteomics_log	3468503	3468559	-	6	71	K.LLDEGRAGENVGVLLRGIK.R	23
PLOG-9622	proteomics_log	3468503	3468562	-	6	47	R.KLLDEGRAGENVGVLLRGIK.R	24
PLOG-9623	proteomics_log	3468503	3468562	-	6	47	R.KLLDEGRAGENVGVLLRGIK.R	24
PLOG-9624	proteomics_log	3468512	3468541	-	6	229	R.AGENVGVLLR.G	14
PLOG-9625	proteomics_log	3468512	3468541	-	6	229	R.AGENVGVLLR.G	14
PLOG-9626	proteomics_log	3468512	3468553	-	6	24	L.DEGRAGENVGVLLR.G	18
PLOG-9627	proteomics_log	3468512	3468553	-	6	24	L.DEGRAGENVGVLLR.G	18
PLOG-9628	proteomics_log	3468512	3468556	-	6	8	L.LDEGRAGENVGVLLR.G	19
PLOG-9629	proteomics_log	3468512	3468556	-	6	8	L.LDEGRAGENVGVLLR.G	19
PLOG-9630	proteomics_log	3468512	3468559	-	6	463	K.LLDEGRAGENVGVLLR.G	20
PLOG-9631	proteomics_log	3468512	3468559	-	6	463	K.LLDEGRAGENVGVLLR.G	20
PLOG-9632	proteomics_log	3468512	3468562	-	6	432	R.KLLDEGRAGENVGVLLR.G	21
PLOG-9633	proteomics_log	3468512	3468562	-	6	432	R.KLLDEGRAGENVGVLLR.G	21
PLOG-9634	proteomics_log	3468542	3468562	-	6	120	R.KLLDEGR.A	11
PLOG-9635	proteomics_log	3468542	3468562	-	6	120	R.KLLDEGR.A	11
PLOG-9636	proteomics_log	3468560	3468592	-	6	10	K.STCTGVEMFRK.L	15
PLOG-9637	proteomics_log	3468560	3468592	-	6	10	K.STCTGVEMFRK.L	15
PLOG-9638	proteomics_log	3468560	3468637	-	6	10	K.VGEEVEIVGIKETQKSTCTGVEMFRK.L	30
PLOG-9639	proteomics_log	3468560	3468637	-	6	10	K.VGEEVEIVGIKETQKSTCTGVEMFRK.L	30
PLOG-9640	proteomics_log	3468560	3468649	-	6	11	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFRK.L	34
PLOG-9641	proteomics_log	3468560	3468649	-	6	11	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFRK.L	34
PLOG-9642	proteomics_log	3468563	3468592	-	6	3	K.STCTGVEMFR.K	14
PLOG-9643	proteomics_log	3468563	3468592	-	6	3	K.STCTGVEMFR.K	14
PLOG-9644	proteomics_log	3468563	3468637	-	6	8	K.VGEEVEIVGIKETQKSTCTGVEMFR.K	29
PLOG-9645	proteomics_log	3468563	3468637	-	6	8	K.VGEEVEIVGIKETQKSTCTGVEMFR.K	29
PLOG-9646	proteomics_log	3468563	3468649	-	6	14	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFR.K	33
PLOG-9647	proteomics_log	3468563	3468649	-	6	14	R.GIIKVGEEVEIVGIKETQKSTCTGVEMFR.K	33
PLOG-9648	proteomics_log	3468587	3468649	-	6	86	R.GIIKVGEEVEIVGIKETQKST.C	25
PLOG-9649	proteomics_log	3468587	3468649	-	6	86	R.GIIKVGEEVEIVGIKETQKST.C	25
PLOG-9650	proteomics_log	3468593	3468634	-	6	6	V.GEEVEIVGIKETQK.S	18
PLOG-9651	proteomics_log	3468593	3468634	-	6	6	V.GEEVEIVGIKETQK.S	18
PLOG-9652	proteomics_log	3468593	3468637	-	6	336	K.VGEEVEIVGIKETQK.S	19
PLOG-9653	proteomics_log	3468593	3468637	-	6	336	K.VGEEVEIVGIKETQK.S	19
PLOG-9654	proteomics_log	3468593	3468649	-	6	924	R.GIIKVGEEVEIVGIKETQK.S	23
PLOG-9655	proteomics_log	3468593	3468649	-	6	924	R.GIIKVGEEVEIVGIKETQK.S	23

PLOG-9656	proteomics_log	3468593	3468658	-	6	164	R.VERGIKVGEEVEIVGIKETQK.S	26
PLOG-9657	proteomics_log	3468593	3468658	-	6	164	R.VERGIKVGEEVEIVGIKETQK.S	26
PLOG-9658	proteomics_log	3468593	3468679	-	6	65	R.GTVVTGRVERGIKVGEEVEIVGIKETQK.S	33
PLOG-9659	proteomics_log	3468593	3468679	-	6	65	R.GTVVTGRVERGIKVGEEVEIVGIKETQK.S	33
PLOG-9660	proteomics_log	3468605	3468637	-	6	36	K.VGEEVEIVGIK.E	15
PLOG-9661	proteomics_log	3468605	3468637	-	6	36	K.VGEEVEIVGIK.E	15
PLOG-9662	proteomics_log	3468605	3468649	-	6	91	R.GIIKVGEEVEIVGIK.E	19
PLOG-9663	proteomics_log	3468605	3468649	-	6	91	R.GIIKVGEEVEIVGIK.E	19
PLOG-9664	proteomics_log	3468650	3468679	-	6	17	R.GTVVTGRVER.G	14
PLOG-9665	proteomics_log	3468650	3468679	-	6	17	R.GTVVTGRVER.G	14
PLOG-9666	proteomics_log	3468650	3468712	-	6	2	L.PIEDVFSISGRGTVVTGRVER.G	25
PLOG-9667	proteomics_log	3468650	3468712	-	6	2	L.PIEDVFSISGRGTVVTGRVER.G	25
PLOG-9668	proteomics_log	3468650	3468736	-	6	99	R.AIDKPFLPIEDVFSISGRGTVVTGRVER.G	33
PLOG-9669	proteomics_log	3468650	3468736	-	6	99	R.AIDKPFLPIEDVFSISGRGTVVTGRVER.G	33
PLOG-9670	proteomics_log	3468659	3468694	-	6	4	F.SISGRGTVVTGR.V	16
PLOG-9671	proteomics_log	3468659	3468694	-	6	4	F.SISGRGTVVTGR.V	16
PLOG-9672	proteomics_log	3468659	3468736	-	6	56	R.AIDKPFLPIEDVFSISGRGTVVTGR.V	30
PLOG-9673	proteomics_log	3468659	3468736	-	6	56	R.AIDKPFLPIEDVFSISGRGTVVTGR.V	30
PLOG-9674	proteomics_log	3468659	3468787	-	6	126	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGRGTVVTGR.V	47
PLOG-9675	proteomics_log	3468659	3468787	-	6	126	K.ILELAGFLDSYIPEPERAIDKPFLPIEDVFSISGRGTVVTGR.V	47
PLOG-9676	proteomics_log	3468680	3468712	-	6	56	L.PIEDVFSISGR.G	15
PLOG-9677	proteomics_log	3468680	3468712	-	6	56	L.PIEDVFSISGR.G	15
PLOG-9678	proteomics_log	3468680	3468718	-	6	24	F.LLPIEDVFSISGR.G	17
PLOG-9679	proteomics_log	3468680	3468718	-	6	24	F.LLPIEDVFSISGR.G	17
PLOG-9680	proteomics_log	3468680	3468727	-	6	3	D.KPFLPIEDVFSISGR.G	20
PLOG-9681	proteomics_log	3468680	3468727	-	6	3	D.KPFLPIEDVFSISGR.G	20
PLOG-9682	proteomics_log	3468680	3468736	-	6	962	R.AIDKPFLPIEDVFSISGR.G	23
PLOG-9683	proteomics_log	3468680	3468736	-	6	962	R.AIDKPFLPIEDVFSISGR.G	23
PLOG-9684	proteomics_log	3468680	3468748	-	6	53	P.EPERAIDKPFLPIEDVFSISGR.G	27
PLOG-9685	proteomics_log	3468680	3468748	-	6	53	P.EPERAIDKPFLPIEDVFSISGR.G	27
PLOG-9686	proteomics_log	3468680	3468751	-	6	8	I.PEPERAIDKPFLPIEDVFSISGR.G	28
PLOG-9687	proteomics_log	3468680	3468751	-	6	8	I.PEPERAIDKPFLPIEDVFSISGR.G	28
PLOG-9688	proteomics_log	3468680	3468763	-	6	4	L.DSYIPEPERAIDKPFLPIEDVFSISGR.G	32
PLOG-9689	proteomics_log	3468680	3468763	-	6	4	L.DSYIPEPERAIDKPFLPIEDVFSISGR.G	32
PLOG-9690	proteomics_log	3468680	3468766	-	6	4	F.LDSYIPEPERAIDKPFLPIEDVFSISGR.G	33
PLOG-9691	proteomics_log	3468680	3468766	-	6	4	F.LDSYIPEPERAIDKPFLPIEDVFSISGR.G	33
PLOG-9692	proteomics_log	3468680	3468769	-	6	8	G.FLDSYIPEPERAIDKPFLPIEDVFSISGR.G	34
PLOG-9693	proteomics_log	3468680	3468769	-	6	8	G.FLDSYIPEPERAIDKPFLPIEDVFSISGR.G	34
PLOG-9694	proteomics_log	3468680	3468772	-	6	5	A.GFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	35
PLOG-9695	proteomics_log	3468680	3468772	-	6	5	A.GFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	35
PLOG-9696	proteomics_log	3468680	3468775	-	6	2	L.AGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	36
PLOG-9697	proteomics_log	3468680	3468775	-	6	2	L.AGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	36
PLOG-9698	proteomics_log	3468680	3468778	-	6	29	E.LAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	37
PLOG-9699	proteomics_log	3468680	3468778	-	6	29	E.LAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	37
PLOG-9700	proteomics_log	3468680	3468784	-	6	99	I.LELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	39
PLOG-9701	proteomics_log	3468680	3468784	-	6	99	I.LELAGFLDSYIPEPERAIDKPFLPIEDVFSISGR.G	39

PLOG-9702	proteomics_log	3468680	3468787	-	6	683	K.ILELAGFLDSYIPEPERAIDKPFLLPIEDVFSISGR.G	40
PLOG-9703	proteomics_log	3468680	3468787	-	6	683	K.ILELAGFLDSYIPEPERAIDKPFLLPIEDVFSISGR.G	40
PLOG-9704	proteomics_log	3468683	3468736	-	6	2	R.AIDKPFLLPIEDVFSISG.R	22
PLOG-9705	proteomics_log	3468683	3468736	-	6	2	R.AIDKPFLLPIEDVFSISG.R	22
PLOG-9706	proteomics_log	3468689	3468736	-	6	3	R.AIDKPFLLPIEDVFSI.S	20
PLOG-9707	proteomics_log	3468689	3468736	-	6	3	R.AIDKPFLLPIEDVFSI.S	20
PLOG-9708	proteomics_log	3468695	3468736	-	6	46	R.AIDKPFLLPIEDVF.S	18
PLOG-9709	proteomics_log	3468695	3468736	-	6	46	R.AIDKPFLLPIEDVF.S	18
PLOG-9710	proteomics_log	3468695	3468787	-	6	27	K.ILELAGFLDSYIPEPERAIDKPFLLPIEDVF.S	35
PLOG-9711	proteomics_log	3468695	3468787	-	6	27	K.ILELAGFLDSYIPEPERAIDKPFLLPIEDVF.S	35
PLOG-9712	proteomics_log	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PLOG-9713	proteomics_log	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PLOG-9714	proteomics_log	3468737	3468787	-	6	906	K.ILELAGFLDSYIPEPER.A	21
PLOG-9715	proteomics_log	3468737	3468787	-	6	906	K.ILELAGFLDSYIPEPER.A	21
PLOG-9716	proteomics_log	3468737	3468820	-	6	184	K.ALEGDAEWEAKILELAGFLDSYIPEPER.A	32
PLOG-9717	proteomics_log	3468737	3468820	-	6	184	K.ALEGDAEWEAKILELAGFLDSYIPEPER.A	32
PLOG-9718	proteomics_log	3468737	3468835	-	6	318	R.GSALKALEGDAEWEAKILELAGFLDSYIPEPER.A	37
PLOG-9719	proteomics_log	3468737	3468835	-	6	318	R.GSALKALEGDAEWEAKILELAGFLDSYIPEPER.A	37
PLOG-9720	proteomics_log	3468788	3468820	-	6	291	K.ALEGDAEWEAK.I	15
PLOG-9721	proteomics_log	3468788	3468820	-	6	291	K.ALEGDAEWEAK.I	15
PLOG-9722	proteomics_log	3468788	3468835	-	6	483	R.GSALKALEGDAEWEAK.I	20
PLOG-9723	proteomics_log	3468788	3468835	-	6	483	R.GSALKALEGDAEWEAK.I	20
PLOG-9724	proteomics_log	3468821	3468886	-	6	28	R.ELLSQYDFPGDDTPIVRGSALK.A	26
PLOG-9725	proteomics_log	3468821	3468886	-	6	28	R.ELLSQYDFPGDDTPIVRGSALK.A	26
PLOG-9726	proteomics_log	3468821	3468940	-	6	4	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVRGSALK.A	44
PLOG-9727	proteomics_log	3468821	3468940	-	6	4	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVRGSALK.A	44
PLOG-9728	proteomics_log	3468836	3468883	-	6	2	E.LLSQYDFPGDDTPIVR.G	20
PLOG-9729	proteomics_log	3468836	3468883	-	6	2	E.LLSQYDFPGDDTPIVR.G	20
PLOG-9730	proteomics_log	3468836	3468886	-	6	411	R.ELLSQYDFPGDDTPIVR.G	21
PLOG-9731	proteomics_log	3468836	3468886	-	6	411	R.ELLSQYDFPGDDTPIVR.G	21
PLOG-9732	proteomics_log	3468836	3468907	-	6	98	E.LVEMEVRELLSQYDFPGDDTPIVR.G	28
PLOG-9733	proteomics_log	3468836	3468907	-	6	98	E.LVEMEVRELLSQYDFPGDDTPIVR.G	28
PLOG-9734	proteomics_log	3468836	3468910	-	6	3	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PLOG-9735	proteomics_log	3468836	3468910	-	6	3	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PLOG-9736	proteomics_log	3468836	3468937	-	6	2	C.DM*VDDEELLELVEM*EVRELLSQYDFPGDDTPIVR.G	40
PLOG-9737	proteomics_log	3468836	3468937	-	6	7	C.DMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	38
PLOG-9738	proteomics_log	3468836	3468937	-	6	2	C.DM*VDDEELLELVEM*EVRELLSQYDFPGDDTPIVR.G	40
PLOG-9739	proteomics_log	3468836	3468937	-	6	7	C.DMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	38
PLOG-9740	proteomics_log	3468836	3468940	-	6	3	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	39
PLOG-9741	proteomics_log	3468836	3468940	-	6	3	K.CDMVDDEELLELVEMEVRELLSQYDFPGDDTPIVR.G	39
PLOG-9742	proteomics_log	3468887	3468937	-	6	3	C.DMVDDEELLELVEM*EVR.E	22
PLOG-9743	proteomics_log	3468887	3468937	-	6	3	C.DM*VDDEELLELVEM*EVR.E	23
PLOG-9744	proteomics_log	3468887	3468937	-	6	3	C.DMVDDEELLELVEM*EVR.E	22
PLOG-9745	proteomics_log	3468887	3468937	-	6	3	C.DM*VDDEELLELVEM*EVR.E	23
PLOG-9746	proteomics_log	3468887	3468979	-	6	7	R.QVGVPIIVFLNKCDMVDDEELLELVEMEVR.E	35
PLOG-9747	proteomics_log	3468887	3468979	-	6	7	R.QVGVPIIVFLNKCDMVDDEELLELVEMEVR.E	35

PLOG-9748	proteomics_log	3468941	3468979	-	6	191	R.QVGVPIIVFLNK.C	17
PLOG-9749	proteomics_log	3468941	3468979	-	6	191	R.QVGVPIIVFLNK.C	17
PLOG-9750	proteomics_log	3468941	3469000	-	6	31	R.EHILLGRQVGVPIIVFLNK.C	24
PLOG-9751	proteomics_log	3468941	3469000	-	6	31	R.EHILLGRQVGVPIIVFLNK.C	24
PLOG-9752	proteomics_log	3468980	3469000	-	6	212	R.EHILLGR.Q	11
PLOG-9753	proteomics_log	3468980	3469000	-	6	212	R.EHILLGR.Q	11
PLOG-9754	proteomics_log	3468980	3469081	-	6	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTREHILLGR.Q	41
PLOG-9755	proteomics_log	3468980	3469081	-	6	45	K.NMITGAAQMDGAILVVAATDGMPQTREHILLGR.Q	38
PLOG-9756	proteomics_log	3468980	3469081	-	6	3	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTREHILLGR.Q	41
PLOG-9757	proteomics_log	3468980	3469081	-	6	45	K.NMITGAAQMDGAILVVAATDGMPQTREHILLGR.Q	38
PLOG-9758	proteomics_log	3469001	3469033	-	6	2	V.AATDGPM*PQTR.E	16
PLOG-9759	proteomics_log	3469001	3469033	-	6	2	V.AATDGPM*PQTR.E	16
PLOG-9760	proteomics_log	3469001	3469036	-	6	2	V.VAATDGPM*PQTR.E	17
PLOG-9761	proteomics_log	3469001	3469036	-	6	2	V.VAATDGPM*PQTR.E	17
PLOG-9762	proteomics_log	3469001	3469039	-	6	3	L.VVAATDGPM*PQTR.E	18
PLOG-9763	proteomics_log	3469001	3469039	-	6	8	L.VVAATDGMPQTR.E	17
PLOG-9764	proteomics_log	3469001	3469039	-	6	3	L.VVAATDGPM*PQTR.E	18
PLOG-9765	proteomics_log	3469001	3469039	-	6	8	L.VVAATDGMPQTR.E	17
PLOG-9766	proteomics_log	3469001	3469081	-	6	2	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	33
PLOG-9767	proteomics_log	3469001	3469081	-	6	3	K.NM*ITGAAQMDGAILVVAATDGMPQTR.E	32
PLOG-9768	proteomics_log	3469001	3469081	-	6	3	K.NM*ITGAAQM*DGAILVVAATDGMPQTR.E	33
PLOG-9769	proteomics_log	3469001	3469081	-	6	8	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG-9770	proteomics_log	3469001	3469081	-	6	10	K.NMITGAAQM*DGAILVVAATDGMPQTR.E	32
PLOG-9771	proteomics_log	3469001	3469081	-	6	2	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	34
PLOG-9772	proteomics_log	3469001	3469081	-	6	1593	K.NMITGAAQMDGAILVVAATDGMPQTR.E	31
PLOG-9773	proteomics_log	3469001	3469081	-	6	2	K.NM*ITGAAQMDGAILVVAATDGPM*PQTR.E	33
PLOG-9774	proteomics_log	3469001	3469081	-	6	3	K.NM*ITGAAQMDGAILVVAATDGMPQTR.E	32
PLOG-9775	proteomics_log	3469001	3469081	-	6	3	K.NM*ITGAAQM*DGAILVVAATDGMPQTR.E	33
PLOG-9776	proteomics_log	3469001	3469081	-	6	8	K.NMITGAAQMDGAILVVAATDGPM*PQTR.E	32
PLOG-9777	proteomics_log	3469001	3469081	-	6	10	K.NMITGAAQM*DGAILVVAATDGMPQTR.E	32
PLOG-9778	proteomics_log	3469001	3469081	-	6	2	K.NM*ITGAAQM*DGAILVVAATDGPM*PQTR.E	34
PLOG-9779	proteomics_log	3469001	3469081	-	6	1593	K.NMITGAAQMDGAILVVAATDGMPQTR.E	31
PLOG-9780	proteomics_log	3469052	3469081	-	6	2	K.NM*ITGAAQM*D.G	16
PLOG-9781	proteomics_log	3469052	3469081	-	6	2	K.NM*ITGAAQM*D.G	16
PLOG-9782	proteomics_log	3469082	3469126	-	6	15	R.HYAHVDCPGHADYVK.N	19
PLOG-9783	proteomics_log	3469082	3469126	-	6	15	R.HYAHVDCPGHADYVK.N	19
PLOG-9784	proteomics_log	3469082	3469174	-	6	10	R.GITINTSHVEYDTPTRHYAHVDCPGHADYVK.N	35
PLOG-9785	proteomics_log	3469082	3469174	-	6	10	R.GITINTSHVEYDTPTRHYAHVDCPGHADYVK.N	35
PLOG-9786	proteomics_log	3469109	3469174	-	6	59	R.GITINTSHVEYDTPTRHYAHVD.C	26
PLOG-9787	proteomics_log	3469109	3469174	-	6	59	R.GITINTSHVEYDTPTRHYAHVD.C	26
PLOG-9788	proteomics_log	3469124	3469174	-	6	4	R.GITINTSHVEYDTPTRH.Y	21
PLOG-9789	proteomics_log	3469124	3469174	-	6	4	R.GITINTSHVEYDTPTRH.Y	21
PLOG-9790	proteomics_log	3469127	3469168	-	6	39	I.TINTSHVEYDTPTR.H	18
PLOG-9791	proteomics_log	3469127	3469168	-	6	39	I.TINTSHVEYDTPTR.H	18
PLOG-9792	proteomics_log	3469127	3469174	-	6	452	R.GITINTSHVEYDTPTR.H	20
PLOG-9793	proteomics_log	3469127	3469174	-	6	452	R.GITINTSHVEYDTPTR.H	20

PLOG-9794	proteomics_log	3469127	3469180	-	6	250	K.ARGITINTSHVEYDTPTR.H	22
PLOG-9795	proteomics_log	3469127	3469180	-	6	250	K.ARGITINTSHVEYDTPTR.H	22
PLOG-9796	proteomics_log	3469175	3469204	-	6	22	Q.IDNAPEEKAR.G	14
PLOG-9797	proteomics_log	3469175	3469204	-	6	22	Q.IDNAPEEKAR.G	14
PLOG-9798	proteomics_log	3469175	3469210	-	6	24	F.DQIDNAPEEKAR.G	16
PLOG-9799	proteomics_log	3469175	3469210	-	6	24	F.DQIDNAPEEKAR.G	16
PLOG-9800	proteomics_log	3469175	3469213	-	6	2	A.FDQIDNAPEEKAR.G	17
PLOG-9801	proteomics_log	3469175	3469213	-	6	2	A.FDQIDNAPEEKAR.G	17
PLOG-9802	proteomics_log	3469175	3469216	-	6	455	R.AFDQIDNAPEEKAR.G	18
PLOG-9803	proteomics_log	3469175	3469216	-	6	455	R.AFDQIDNAPEEKAR.G	18
PLOG-9804	proteomics_log	3469175	3469237	-	6	42	K.TYGGAAARAFDQIDNAPEEKAR.G	25
PLOG-9805	proteomics_log	3469175	3469237	-	6	42	K.TYGGAAARAFDQIDNAPEEKAR.G	25
PLOG-9806	proteomics_log	3469175	3469240	-	6	3	A.KTYGGAAARAFDQIDNAPEEKAR.G	26
PLOG-9807	proteomics_log	3469175	3469240	-	6	3	A.KTYGGAAARAFDQIDNAPEEKAR.G	26
PLOG-9808	proteomics_log	3469181	3469213	-	6	7	A.FDQIDNAPEEK.A	15
PLOG-9809	proteomics_log	3469181	3469213	-	6	7	A.FDQIDNAPEEK.A	15
PLOG-9810	proteomics_log	3469181	3469216	-	6	625	R.AFDQIDNAPEEK.A	16
PLOG-9811	proteomics_log	3469181	3469216	-	6	625	R.AFDQIDNAPEEK.A	16
PLOG-9812	proteomics_log	3469181	3469237	-	6	6	K.TYGGAAARAFDQIDNAPEEK.A	23
PLOG-9813	proteomics_log	3469181	3469237	-	6	6	K.TYGGAAARAFDQIDNAPEEK.A	23
PLOG-9814	proteomics_log	3469187	3469216	-	6	17	R.AFDQIDNAPE.E	14
PLOG-9815	proteomics_log	3469187	3469216	-	6	17	R.AFDQIDNAPE.E	14
PLOG-9816	proteomics_log	3469217	3469273	-	6	3	T.TLTAAITTVLAKTYGGAAR.A	23
PLOG-9817	proteomics_log	3469217	3469273	-	6	3	T.TLTAAITTVLAKTYGGAAR.A	23
PLOG-9818	proteomics_log	3469217	3469276	-	6	247	K.TTLTAAITTVLAKTYGGAAR.A	24
PLOG-9819	proteomics_log	3469217	3469276	-	6	247	K.TTLTAAITTVLAKTYGGAAR.A	24
PLOG-9820	proteomics_log	3469217	3469321	-	6	25	K.PHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	39
PLOG-9821	proteomics_log	3469217	3469321	-	6	25	K.PHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	39
PLOG-9822	proteomics_log	3469217	3469327	-	6	49	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	41
PLOG-9823	proteomics_log	3469217	3469327	-	6	49	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAKTYGGAAR.A	41
PLOG-9824	proteomics_log	3469238	3469276	-	6	713	K.TTLTAAITTVLAK.T	17
PLOG-9825	proteomics_log	3469238	3469276	-	6	713	K.TTLTAAITTVLAK.T	17
PLOG-9826	proteomics_log	3469238	3469297	-	6	12	I.GHVDHGKTTLTAAITTVLAK.T	24
PLOG-9827	proteomics_log	3469238	3469297	-	6	12	I.GHVDHGKTTLTAAITTVLAK.T	24
PLOG-9828	proteomics_log	3469238	3469306	-	6	2	V.GTIGHVDHGKTTLTAAITTVLAK.T	27
PLOG-9829	proteomics_log	3469238	3469306	-	6	2	V.GTIGHVDHGKTTLTAAITTVLAK.T	27
PLOG-9830	proteomics_log	3469238	3469327	-	6	526	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	34
PLOG-9831	proteomics_log	3469238	3469327	-	6	526	R.TKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	34
PLOG-9832	proteomics_log	3469238	3469336	-	6	8	K.FERTKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	37
PLOG-9833	proteomics_log	3469238	3469336	-	6	8	K.FERTKPHVNVGTIGHVDHGKTTLTAAITTVLAK.T	37
PLOG-9834	proteomics_log	3469265	3469327	-	6	3	R.TKPHVNVGTIGHVDHGKTTLT.A	25
PLOG-9835	proteomics_log	3469265	3469327	-	6	3	R.TKPHVNVGTIGHVDHGKTTLT.A	25
PLOG-9836	proteomics_log	3469277	3469321	-	6	2	K.PHVNVGTIGHVDHGK.T	19
PLOG-9837	proteomics_log	3469277	3469321	-	6	2	K.PHVNVGTIGHVDHGK.T	19
PLOG-9838	proteomics_log	3469277	3469327	-	6	225	R.TKPHVNVGTIGHVDHGK.T	21
PLOG-9839	proteomics_log	3469277	3469327	-	6	225	R.TKPHVNVGTIGHVDHGK.T	21

PLOG-9840	proteomics_log	3469283	3469327	-	6	8	R.TKPHVNVGTIGHVDH.G	19
PLOG-9841	proteomics_log	3469283	3469327	-	6	8	R.TKPHVNVGTIGHVDH.G	19
PLOG-9842	proteomics_log	3469425	3469505	-	4	87	R.ASYTMEFLKYDEAPSNVAQAVIEARGK.-	31
PLOG-9843	proteomics_log	3469425	3469511	-	4	3	K.GRASVTMEFLKYDEAPSNVAQAVIEARGK.-	33
PLOG-9844	proteomics_log	3469431	3469478	-	4	254	K.YDEAPSNVAQAVIEAR.G	20
PLOG-9845	proteomics_log	3469431	3469505	-	4	70	R.ASYTM*EFLKYDEAPSNVAQAVIEAR.G	30
PLOG-9846	proteomics_log	3469431	3469505	-	4	582	R.ASYTMEFLKYDEAPSNVAQAVIEAR.G	29
PLOG-9847	proteomics_log	3469431	3469511	-	4	7	K.GRASVTM*EFLKYDEAPSNVAQAVIEAR.G	32
PLOG-9848	proteomics_log	3469431	3469511	-	4	153	K.GRASVTMEFLKYDEAPSNVAQAVIEAR.G	31
PLOG-9849	proteomics_log	3469431	3469523	-	4	56	R.SLTKGRASVTMEFLKYDEAPSNVAQAVIEAR.G	35
PLOG-9850	proteomics_log	3469479	3469505	-	4	3	R.ASYTM*EFLK.Y	14
PLOG-9851	proteomics_log	3469479	3469505	-	4	76	R.ASYTMEFLK.Y	13
PLOG-9852	proteomics_log	3469524	3469577	-	4	16	K.IHAEVPLSEM*FGYATQLR.S	23
PLOG-9853	proteomics_log	3469524	3469577	-	4	496	K.IHAEVPLSEMFGYATQLR.S	22
PLOG-9854	proteomics_log	3469524	3469607	-	4	114	K.GQESEVTGVKIHAEVPLSEMFGYATQLR.S	32
PLOG-9855	proteomics_log	3469524	3469619	-	4	2	R.GMLKGQESEVTGVKIHAEVPLSEM*FGYATQLR.S	37
PLOG-9856	proteomics_log	3469524	3469619	-	4	2	R.GM*LKGQESEVTGVKIHAEVPLSEM*FGYATQLR.S	38
PLOG-9857	proteomics_log	3469524	3469619	-	4	10	R.GM*LKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	37
PLOG-9858	proteomics_log	3469524	3469619	-	4	224	R.GMLKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	36
PLOG-9859	proteomics_log	3469524	3469622	-	4	4	R.RGM*LKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	38
PLOG-9860	proteomics_log	3469524	3469622	-	4	4	R.RGM*LKGQESEVTGVKIHAEVPLSEM*FGYATQLR.S	39
PLOG-9861	proteomics_log	3469524	3469622	-	4	13	R.RGMLKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	37
PLOG-9862	proteomics_log	3469524	3469625	-	4	7	R.RGMLKGQESEVTGVKIHAEVPLSEMFGYATQLR.S	38
PLOG-9863	proteomics_log	3469578	3469607	-	4	39	K.GQESEVTGVK.I	14
PLOG-9864	proteomics_log	3469578	3469619	-	4	14	R.GM*LKGQESEVTGVK.I	19
PLOG-9865	proteomics_log	3469578	3469619	-	4	237	R.GMLKGQESEVTGVK.I	18
PLOG-9866	proteomics_log	3469578	3469622	-	4	4	R.RGM*LKGQESEVTGVK.I	20
PLOG-9867	proteomics_log	3469578	3469622	-	4	41	R.RGMLKGQESEVTGVK.I	19
PLOG-9868	proteomics_log	3469578	3469625	-	4	41	R.RRGMMLKGQESEVTGVK.I	20
PLOG-9869	proteomics_log	3469623	3469682	-	4	2	K.VEVETPEENTGDVIGDLSRR.R	24
PLOG-9870	proteomics_log	3469623	3469715	-	4	18	K.AKPVLLPEPIMKVEVETPEENTGDVIGDLSRR.R	35
PLOG-9871	proteomics_log	3469626	3469682	-	4	295	K.VEVETPEENTGDVIGDLSR.R	23
PLOG-9872	proteomics_log	3469626	3469685	-	4	245	M.KVEVETPEENTGDVIGDLSR.R	24
PLOG-9873	proteomics_log	3469626	3469688	-	4	6	I.M*KVEVETPEENTGDVIGDLSR.R	26
PLOG-9874	proteomics_log	3469626	3469715	-	4	26	K.AKPVLLPEPIM*KVEVETPEENTGDVIGDLSR.R	35
PLOG-9875	proteomics_log	3469626	3469715	-	4	343	K.AKPVLLPEPIMKVEVETPEENTGDVIGDLSR.R	34
PLOG-9876	proteomics_log	3469626	3469718	-	4	4	K.KAKPVLLPEPIM*KVEVETPEENTGDVIGDLSR.R	36
PLOG-9877	proteomics_log	3469626	3469718	-	4	69	K.KAKPVLLPEPIMKVEVETPEENTGDVIGDLSR.R	35
PLOG-9878	proteomics_log	3469626	3469754	-	4	2	K.LAASIAFKEGFKKAKPVLLPEPIMKVEVETPEENTGDVIGDLSR.R	47
PLOG-9879	proteomics_log	3469683	3469715	-	4	6	K.AKPVLLPEPIM*K.V	16
PLOG-9880	proteomics_log	3469683	3469715	-	4	16	K.AKPVLLPEPIMK.V	15
PLOG-9881	proteomics_log	3469683	3469718	-	4	6	K.KAKPVLLPEPIM*K.V	17
PLOG-9882	proteomics_log	3469683	3469718	-	4	46	K.KAKPVLLPEPIMK.V	16
PLOG-9883	proteomics_log	3469716	3469754	-	4	99	K.LAASIAFKEGFKK.A	17
PLOG-9884	proteomics_log	3469716	3469805	-	4	113	R.LHFSGYHDVDSSELAFKLAASIAFKEGFKK.A	34
PLOG-9885	proteomics_log	3469719	3469754	-	4	7	K.LAASIAFKEGFK.K	16

PLOG-9886	proteomics_log	3469719	3469805	-	4	44	R.LHFGSYHDVDSSELAFKLAASIAFKEGFK.K	33
PLOG-9887	proteomics_log	3469731	3469754	-	4	11	K.LAASIAFK.E	12
PLOG-9888	proteomics_log	3469731	3469805	-	4	19	R.LHFGSYHDVDSSELAFKLAASIAFK.E	29
PLOG-9889	proteomics_log	3469755	3469784	-	4	2	H.DVDSSELAFK.L	14
PLOG-9890	proteomics_log	3469755	3469805	-	4	279	R.LHFGSYHDVDSSELAFK.L	21
PLOG-9891	proteomics_log	3469806	3469850	-	4	6	K.AGPLAGYPVDM*GIR.L	20
PLOG-9892	proteomics_log	3469806	3469850	-	4	306	K.AGPLAGYPVDMGIR.L	19
PLOG-9893	proteomics_log	3469806	3469871	-	4	3	K.GIQEQLKAGPLAGYPVDMGIR.L	26
PLOG-9894	proteomics_log	3469806	3469907	-	4	5	G.VIPGEYIPAVDKGIQEQLKAGPLAGYPVDMGIR.L	38
PLOG-9895	proteomics_log	3469806	3469913	-	4	14	K.GGVIPGEYIPAVDKGIQEQLKAGPLAGYPVDMGIR.L	40
PLOG-9896	proteomics_log	3469806	3469940	-	4	3	K.GYEFINDIKGGVIPGEYIPAVDKGIQEQLKAGPLAGYPVDM*GIR.L	50
PLOG-9897	proteomics_log	3469806	3469940	-	4	7	K.GYEFINDIKGGVIPGEYIPAVDKGIQEQLKAGPLAGYPVDMGIR.L	49
PLOG-9898	proteomics_log	3469851	3469940	-	4	171	K.GYEFINDIKGGVIPGEYIPAVDKGIQEQLK.A	34
PLOG-9899	proteomics_log	3469872	3469913	-	4	3	K.GGVIPGEYIPAVDK.G	18
PLOG-9900	proteomics_log	3469872	3469940	-	4	4	K.GYEFINDIKGGVIPGEYIPAVDK.G	27
PLOG-9901	proteomics_log	3469914	3469940	-	4	60	K.GYEFINDIK.G	13
PLOG-9902	proteomics_log	3469941	3470000	-	4	50	R.GQYGHVVIDMYPLEPGSNPK.G	24
PLOG-9903	proteomics_log	3469941	3470015	-	4	2	K.QSGGRGQYGHVVIDM*YPLEPGSNPK.G	30
PLOG-9904	proteomics_log	3469941	3470015	-	4	112	K.QSGGRGQYGHVVIDMYPLEPGSNPK.G	29
PLOG-9905	proteomics_log	3470001	3470051	-	4	4	R.QKVTDVEGKHAKQSGGR.G	21
PLOG-9906	proteomics_log	3470016	3470045	-	4	142	K.VTDVEGKHAK.Q	14
PLOG-9907	proteomics_log	3470016	3470051	-	4	38	R.QKVTDVEGKHAK.Q	16
PLOG-9908	proteomics_log	3470016	3470063	-	4	2	R.ETIRQKVTDVEGKHAK.Q	20
PLOG-9909	proteomics_log	3470025	3470045	-	4	4	K.VTDVEGK.H	11
PLOG-9910	proteomics_log	3470025	3470051	-	4	4	R.QKVTDVEGK.H	13
PLOG-9911	proteomics_log	3470025	3470063	-	4	2	R.ETIRQKVTDVEGK.H	17
PLOG-9912	proteomics_log	3470025	3470111	-	4	5	R.EFNVEANVGKQPQVAYRETIRQKVTDVEGK.H	33
PLOG-9913	proteomics_log	3470046	3470111	-	4	3	R.EFNVEANVGKQPQVAYRETIRQK.V	26
PLOG-9914	proteomics_log	3470052	3470111	-	4	33	R.EFNVEANVGKQPQVAYRETIR.Q	24
PLOG-9915	proteomics_log	3470052	3470114	-	4	8	K.REFNVEANVGKQPQVAYRETIR.Q	25
PLOG-9916	proteomics_log	3470052	3470120	-	4	32	R.MKREFNVEANVGKQPQVAYRETIR.Q	27
PLOG-9917	proteomics_log	3470064	3470111	-	4	96	R.EFNVEANVGKQPQVAYR.E	20
PLOG-9918	proteomics_log	3470064	3470114	-	4	7	K.REFNVEANVGKQPQVAYR.E	21
PLOG-9919	proteomics_log	3470064	3470120	-	4	14	R.MKREFNVEANVGKQPQVAYR.E	23
PLOG-9920	proteomics_log	3470121	3470198	-	4	3	R.VWTDEESNQTIAGMGELHLDIIVDR.M	30
PLOG-9921	proteomics_log	3470121	3470225	-	4	14	R.LAKEDPSFRVWTDEESNQTIAGMGELHLDIIVDR.M	39
PLOG-9922	proteomics_log	3470199	3470225	-	4	2	R.LAKEDPSFR.V	13
PLOG-9923	proteomics_log	3470226	3470246	-	4	2	K.MGLALGR.L	11
PLOG-9924	proteomics_log	3470226	3470261	-	4	3	K.ADQEK*GLALGR.L	17
PLOG-9925	proteomics_log	3470226	3470261	-	4	65	K.ADQEK*GLALGR.L	16
PLOG-9926	proteomics_log	3470226	3470267	-	4	9	K.TKADQEK*GLALGR.L	19
PLOG-9927	proteomics_log	3470226	3470267	-	4	322	K.TKADQEK*GLALGR.L	18
PLOG-9928	proteomics_log	3470226	3470312	-	4	2	R.M*EFPEPVISIAVEPKTKADQEK*GLALGR.L	35
PLOG-9929	proteomics_log	3470226	3470312	-	4	61	R.MEFPEPVISIAVEPKTKADQEK*GLALGR.L	33
PLOG-9930	proteomics_log	3470247	3470312	-	4	4	R.MEFPEPVISIAVEPKTKADQEK.M	26
PLOG-9931	proteomics_log	3470268	3470312	-	4	126	R.M*EFPEPVISIAVEPK.T	20

PLOG-9932	proteomics_log	3470268	3470312	-	4	546	R.MEFPEPVISIAVEPK.T	19
PLOG-9933	proteomics_log	3470313	3470339	-	4	3	D.PDAPIILER.M	13
PLOG-9934	proteomics_log	3470313	3470342	-	4	3	C.DPDAPIILER.M	14
PLOG-9935	proteomics_log	3470313	3470402	-	4	15	R.AGDIAAAIGLKDVTGDTLCDPDAPIILER.M	34
PLOG-9936	proteomics_log	3470370	3470402	-	4	47	R.AGDIAAAIGLK.D	15
PLOG-9937	proteomics_log	3470403	3470423	-	4	40	R.EEIKEVR.A	11
PLOG-9938	proteomics_log	3470403	3470426	-	4	6	K.REEIKEVR.A	12
PLOG-9939	proteomics_log	3470403	3470450	-	4	147	R.IVQMHANKREEIKEVR.A	20
PLOG-9940	proteomics_log	3470424	3470450	-	4	7	R.IVQM*HANKR.E	14
PLOG-9941	proteomics_log	3470424	3470450	-	4	117	R.IVQMHANKR.E	13
PLOG-9942	proteomics_log	3470424	3470459	-	4	3	R.FGRIVQMHANKR.E	16
PLOG-9943	proteomics_log	3470427	3470450	-	4	2	R.IVQM*HANK.R	13
PLOG-9944	proteomics_log	3470427	3470450	-	4	13	R.IVQMHANK.R	12
PLOG-9945	proteomics_log	3470451	3470525	-	4	2	R.VYSGVVNSGDTVLSVKAARERFGR.I	29
PLOG-9946	proteomics_log	3470460	3470525	-	4	4	R.VYSGVVNSGDTVLSVKAARER.F	26
PLOG-9947	proteomics_log	3470460	3470567	-	4	2	K.IATDPFVGNLTFRRVYSGVVNSGDTVLSVKAARER.F	40
PLOG-9948	proteomics_log	3470466	3470525	-	4	182	R.VYSGVVNSGDTVLSVKAAR.E	24
PLOG-9949	proteomics_log	3470466	3470567	-	4	25	K.IATDPFVGNLTFRRVYSGVVNSGDTVLSVKAAR.E	38
PLOG-9950	proteomics_log	3470475	3470525	-	4	186	R.VYSGVVNSGDTVLSVK.A	21
PLOG-9951	proteomics_log	3470475	3470567	-	4	119	K.IATDPFVGNLTFRRVYSGVVNSGDTVLSVK.A	35
PLOG-9952	proteomics_log	3470484	3470525	-	4	7	R.VYSGVVNSGDTVLS.S	18
PLOG-9953	proteomics_log	3470526	3470555	-	4	9	D.PFVGNLTFRR.V	14
PLOG-9954	proteomics_log	3470526	3470567	-	4	486	K.IATDPFVGNLTFRR.V	18
PLOG-9955	proteomics_log	3470526	3470609	-	4	80	R.HASDDEPFSALAFKIATDPFVGNLTFRR.V	32
PLOG-9956	proteomics_log	3470529	3470567	-	4	7	K.IATDPFVGNLTF.R	17
PLOG-9957	proteomics_log	3470532	3470567	-	4	3	K.IATDPFVGNLTF.F	16
PLOG-9958	proteomics_log	3470535	3470567	-	4	4	K.IATDPFVGNLTF.F	15
PLOG-9959	proteomics_log	3470568	3470609	-	4	312	R.HASDDEPFSALAFK.I	18
PLOG-9960	proteomics_log	3470607	3470723	-	4	8	K.NKGVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAERH.A	43
PLOG-9961	proteomics_log	3470610	3470678	-	4	10	L.PSPVDVPAINGILDDGKDTPAER.H	27
PLOG-9962	proteomics_log	3470610	3470717	-	4	4	K.GVQAM*LDAVIDYLPSPVDVPAINGILDDGKDTPAER.H	41
PLOG-9963	proteomics_log	3470610	3470717	-	4	161	K.GVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAER.H	40
PLOG-9964	proteomics_log	3470610	3470723	-	4	3	K.NKGVQAM*LDAVIDYLPSPVDVPAINGILDDGKDTPAER.H	43
PLOG-9965	proteomics_log	3470610	3470723	-	4	98	K.NKGVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAER.H	42
PLOG-9966	proteomics_log	3470715	3470771	-	4	2	R.VLNNEIILVTCGSAFKNKG.V	23
PLOG-9967	proteomics_log	3470772	3470828	-	4	7	K.YLGGEELTEAEIKGALRQR.V	23
PLOG-9968	proteomics_log	3470778	3470828	-	4	80	K.YLGGEELTEAEIKGALR.Q	21
PLOG-9969	proteomics_log	3470790	3470828	-	4	54	K.YLGGEELTEAEIK.G	17
PLOG-9970	proteomics_log	3470970	3471053	-	4	25	R.LGANPVPLQLAIGAEHFTGVVDLVKM*K.A	33
PLOG-9971	proteomics_log	3470970	3471053	-	4	124	R.LGANPVPLQLAIGAEHFTGVVDLVKMK.A	32
PLOG-9972	proteomics_log	3470976	3471035	-	4	2	V.PLQLAIGAEHFTGVVDLVK.M	24
PLOG-9973	proteomics_log	3470976	3471053	-	4	1556	R.LGANPVPLQLAIGAEHFTGVVDLVK.M	30
PLOG-9974	proteomics_log	3470976	3471059	-	4	166	K.TRLGANPVPLQLAIGAEHFTGVVDLVK.M	32
PLOG-9975	proteomics_log	3471054	3471077	-	4	71	K.VVNQIKTR.L	12
PLOG-9976	proteomics_log	3471054	3471080	-	4	4	L.KVVNQIKTR.L	13
PLOG-9977	proteomics_log	3471054	3471098	-	4	17	R.M*GANFLKVVNQIKTR.L	20

PLOG-9978	proteomics_log	3471054	3471098	-	4	288	R.MGANFLKVVNQIKTR.L	19
PLOG-9979	proteomics_log	3471054	3471107	-	4	4	K.M*DRM*GANFLKVVNQIKTR.L	24
PLOG-9980	proteomics_log	3471054	3471125	-	4	14	R.IAFVNKMDRMGANFLKVVNQIKTR.L	28
PLOG-9981	proteomics_log	3471060	3471098	-	4	8	R.M*GANFLKVVNQIK.T	18
PLOG-9982	proteomics_log	3471060	3471098	-	4	58	R.MGANFLKVVNQIK.T	17
PLOG-9983	proteomics_log	3471060	3471125	-	4	5	R.IAFVNKMDRMGANFLKVVNQIK.T	26
PLOG-9984	proteomics_log	3471069	3471098	-	4	3	R.MGANFLKVVN.Q	14
PLOG-9985	proteomics_log	3471099	3471125	-	4	59	R.IAFVNKM*DR.M	14
PLOG-9986	proteomics_log	3471099	3471125	-	4	150	R.IAFVNKMDR.M	13
PLOG-9987	proteomics_log	3471153	3471224	-	4	10	R.VLDGAVMVYCAVGGVQPQSETVWR.Q	28
PLOG-9988	proteomics_log	3471234	3471287	-	4	70	R.INIIDTPGHVDFTIEVER.S	22
PLOG-9989	proteomics_log	3471234	3471305	-	4	130	K.QYEPHRINIIDTPGHVDFTIEVER.S	28
PLOG-9990	proteomics_log	3471306	3471359	-	4	10	R.GITITSAATTAFWSGM*AK.Q	23
PLOG-9991	proteomics_log	3471306	3471359	-	4	301	R.GITITSAATTAFWSGMAK.Q	22
PLOG-9992	proteomics_log	3471306	3471419	-	4	12	K.IGEVHDGAATMDWMEQEGERGITITSAATTAFWSGMAK.Q	42
PLOG-9993	proteomics_log	3471360	3471395	-	4	2	A.ATMDWMEQEGER.G	16
PLOG-9994	proteomics_log	3471360	3471419	-	4	2	K.IGEVHDGAATM*DWM*EQEGER.G	26
PLOG-9995	proteomics_log	3471360	3471419	-	4	2	K.IGEVHDGAATM*DWMEQEGER.G	25
PLOG-9996	proteomics_log	3471360	3471419	-	4	3	K.IGEVHDGAATMDWM*EQEGER.G	25
PLOG-9997	proteomics_log	3471360	3471419	-	4	120	K.IGEVHDGAATMDWMEQEGER.G	24
PLOG-9998	proteomics_log	3471360	3471449	-	4	3	R.ILFYTGvNHKIGEVDGAATM*DWMEQEGER.G	35
PLOG-9999	proteomics_log	3471360	3471449	-	4	3	R.ILFYTGvNHKIGEVDGAATM*DWM*EQEGER.G	36
PLOG-10000	proteomics_log	3471360	3471449	-	4	120	R.ILFYTGvNHKIGEVDGAATMDWMEQEGER.G	34
PLOG-10001	proteomics_log	3471384	3471419	-	4	2	K.IGEVHDGAATM*D.W	17
PLOG-10002	proteomics_log	3471420	3471449	-	4	170	R.ILFYTGvNHK.I	14
PLOG-10003	proteomics_log	3471450	3471503	-	4	190	R.NIGISAHIDAGKTTTTTER.I	22
PLOG-10004	proteomics_log	3471450	3471509	-	4	254	R.YRNIGISAHIDAGKTTTTTER.I	24
PLOG-10005	proteomics_log	3471468	3471503	-	4	41	R.NIGISAHIDAGK.T	16
PLOG-10006	proteomics_log	3471468	3471509	-	4	11	R.YRNIGISAHIDAGK.T	18
PLOG-10007	proteomics_log	3471510	3471533	-	4	2	M.ARTTPIAR.Y	12
PLOG-10008	proteomics_log	3471567	3471623	-	4	278	R.SFSHQAGASSKQPALGYLN.-	23
PLOG-10009	proteomics_log	3471567	3471638	-	4	25	R.WLSLRSFSHQAGASSKQPALGYLN.-	28
PLOG-10010	proteomics_log	3471576	3471623	-	4	2	R.SFSHQAGASSKQPALG.Y	20
PLOG-10011	proteomics_log	3471582	3471623	-	4	6	R.SFSHQAGASSKQPA.L	18
PLOG-10012	proteomics_log	3471591	3471617	-	4	2	F.SHQAGASSK.Q	13
PLOG-10013	proteomics_log	3471591	3471620	-	4	8	S.FSHQAGASSK.Q	14
PLOG-10014	proteomics_log	3471591	3471623	-	4	384	R.SFSHQAGASSK.Q	15
PLOG-10015	proteomics_log	3471624	3471674	-	4	2	R.MAEANKAFAHYRWLSLR.S	21
PLOG-10016	proteomics_log	3471639	3471671	-	4	16	M.AEANKAFAHYR.W	15
PLOG-10017	proteomics_log	3471639	3471674	-	4	173	R.M*AEANKAFAHYR.W	17
PLOG-10018	proteomics_log	3471639	3471674	-	4	464	R.MAEANKAFAHYR.W	16
PLOG-10019	proteomics_log	3471639	3471689	-	4	7	R.EDVHRMAEANKAFAHYR.W	21
PLOG-10020	proteomics_log	3471648	3471674	-	4	7	R.MAEANKAFA.H	13
PLOG-10021	proteomics_log	3471651	3471674	-	4	13	R.MAEANKAF.A	12
PLOG-10022	proteomics_log	3471675	3471710	-	4	4	K.GTAVKKREDVHR.M	16
PLOG-10023	proteomics_log	3471675	3471746	-	4	236	R.LANELSDAAENKGTAVKKREDVHR.M	28

PLOG-10024	proteomics_log	3471690	3471746	-	4	182	R.LANELSDAAENKGTAVKKR.E	23
PLOG-10025	proteomics_log	3471693	3471746	-	4	62	R.LANELSDAAENKGTAVKK.R	22
PLOG-10026	proteomics_log	3471696	3471734	-	4	2	E.LSDAAENKGTAVK.K	17
PLOG-10027	proteomics_log	3471696	3471746	-	4	241	R.LANELSDAAENKGTAVK.K	21
PLOG-10028	proteomics_log	3471696	3471761	-	4	21	K.SMALRLANELSDAAENKGTAVK.K	26
PLOG-10029	proteomics_log	3471696	3471770	-	4	4	R.GDKSMALRLANELSDAAENKGTAVK.K	29
PLOG-10030	proteomics_log	3471711	3471746	-	4	87	R.LANELSDAAENK.G	16
PLOG-10031	proteomics_log	3471747	3471773	-	4	45	K.RGDKSMALR.L	13
PLOG-10032	proteomics_log	3471747	3471776	-	4	14	R.KRGDKSMALR.L	14
PLOG-10033	proteomics_log	3471774	3471797	-	4	35	R.WIVEAARK.R	12
PLOG-10034	proteomics_log	3471777	3471815	-	4	3	R.NALAMRWIVEAAR.K	17
PLOG-10035	proteomics_log	3471816	3471866	-	4	157	R.VGGSTYQVPVEVRPVR.R	21
PLOG-10036	proteomics_log	3471816	3471869	-	4	9	R.RVGGSTYQVPVEVRPVR.R	22
PLOG-10037	proteomics_log	3471819	3471866	-	4	17	R.VGGSTYQVPVEVRPVR.R	20
PLOG-10038	proteomics_log	3471819	3471869	-	4	50	R.RVGGSTYQVPVEVRPVR.R	21
PLOG-10039	proteomics_log	3471867	3471935	-	4	3	K.SELEAFEVALENVRPTVEVKSRR.V	27
PLOG-10040	proteomics_log	3471867	3471944	-	4	40	R.SGKSELEAFEVALENVRPTVEVKSRR.V	30
PLOG-10041	proteomics_log	3471870	3471935	-	4	64	K.SELEAFEVALENVRPTVEVKS.R	26
PLOG-10042	proteomics_log	3471870	3471944	-	4	81	R.SGKSELEAFEVALENVRPTVEVKS.R	29
PLOG-10043	proteomics_log	3471876	3471923	-	4	2	E.AFEVALENVRPTVEVK.S	20
PLOG-10044	proteomics_log	3471876	3471935	-	4	477	K.SELEAFEVALENVRPTVEVK.S	24
PLOG-10045	proteomics_log	3471876	3471944	-	4	634	R.SGKSELEAFEVALENVRPTVEVK.S	27
PLOG-10046	proteomics_log	3471876	3471995	-	4	53	K.STAESIVYSALETLAQRSGKSELEAFEVALENVRPTVEVK.S	44
PLOG-10047	proteomics_log	3471876	3471998	-	4	31	K.KSTAESIVYSALETLAQRSGKSELEAFEVALENVRPTVEVK.S	45
PLOG-10048	proteomics_log	3471936	3471998	-	4	6	K.KSTAESIVYSALETLAQRSGK.S	25
PLOG-10049	proteomics_log	3471936	3472028	-	4	15	K.FVNILMVDGKKSTAESIVYSALETLAQRSGK.S	35
PLOG-10050	proteomics_log	3471945	3471971	-	4	6	Y.SALETLAQR.S	13
PLOG-10051	proteomics_log	3471945	3471995	-	4	742	K.STAESIVYSALETLAQR.S	21
PLOG-10052	proteomics_log	3471945	3471998	-	4	464	K.KSTAESIVYSALETLAQR.S	22
PLOG-10053	proteomics_log	3471945	3472004	-	4	2	D.GKKSTAESIVYSALETLAQR.S	24
PLOG-10054	proteomics_log	3471945	3472007	-	4	2	V.DGKKSTAESIVYSALETLAQR.S	25
PLOG-10055	proteomics_log	3471945	3472025	-	4	19	F.VNILM*VDGKKSTAESIVYSALETLAQR.S	32
PLOG-10056	proteomics_log	3471945	3472028	-	4	270	K.FVNILM*VDGKKSTAESIVYSALETLAQR.S	33
PLOG-10057	proteomics_log	3471945	3472028	-	4	455	K.FVNILMVDGKKSTAESIVYSALETLAQR.S	32
PLOG-10058	proteomics_log	3471945	3472052	-	4	26	K.FGSELLAKFVNILMVDGKKSTAESIVYSALETLAQR.S	40
PLOG-10059	proteomics_log	3471945	3472070	-	4	2	K.ILPDPKFGSELLAKFVNILMVDGKKSTAESIVYSALETLAQR.S	46
PLOG-10060	proteomics_log	3471960	3471995	-	4	9	K.STAESIVYSALE.T	16
PLOG-10061	proteomics_log	3471996	3472028	-	4	24	K.FVNILM*VDGKK.S	16
PLOG-10062	proteomics_log	3471996	3472028	-	4	363	K.FVNILMVDGKK.S	15
PLOG-10063	proteomics_log	3471996	3472052	-	4	52	K.FGSELLAKFVNILMVDGKK.S	23
PLOG-10064	proteomics_log	3471996	3472070	-	4	5	K.ILPDPKFGSELLAKFVNILMVDGKK.S	29
PLOG-10065	proteomics_log	3471996	3472073	-	4	46	R.KILPDPKFGSELLAKFVNILMVDGKK.S	30
PLOG-10066	proteomics_log	3471999	3472028	-	4	36	K.FVNILM*VDGK.K	15
PLOG-10067	proteomics_log	3471999	3472028	-	4	378	K.FVNILMVDGK.K	14
PLOG-10068	proteomics_log	3471999	3472052	-	4	24	K.FGSELLAKFVNILMVDGK.K	22
PLOG-10069	proteomics_log	3471999	3472070	-	4	11	K.ILPDPKFGSELLAKFVNILMVDGK.K	28

PLOG-10070	proteomics_log	3471999	3472073	-	4	40	R.KILPDPKFGSELLAKFVNILMVDGK.K	29
PLOG-10071	proteomics_log	3471999	3472088	-	4	2	R.VIGQRKILPDPKFGSELLAKFVNILMVDGK.K	34
PLOG-10072	proteomics_log	3472005	3472028	-	4	5	K.FVNILM*VD.G	13
PLOG-10073	proteomics_log	3472029	3472052	-	4	45	K.FGSELLAK.F	12
PLOG-10074	proteomics_log	3472029	3472058	-	4	8	D.PKFGSELLAK.F	14
PLOG-10075	proteomics_log	3472029	3472070	-	4	82	K.ILPDPKFGSELLAK.F	18
PLOG-10076	proteomics_log	3472029	3472073	-	4	228	R.KILPDPKFGSELLAK.F	19
PLOG-10077	proteomics_log	3472029	3472088	-	4	14	R.VIGQRKILPDPKFGSELLAK.F	24
PLOG-10078	proteomics_log	3472203	3472232	-	4	57	R.SKYGVKRPKA.-	14
PLOG-10079	proteomics_log	3472215	3472232	-	4	4	R.SKYGVK.R	10
PLOG-10080	proteomics_log	3472233	3472292	-	4	3	R.YHTVRGALDCSGVKDRKQAR.S	24
PLOG-10081	proteomics_log	3472242	3472277	-	4	9	R.GALDCSGVKDRK.Q	16
PLOG-10082	proteomics_log	3472242	3472292	-	4	3	R.YHTVRGALDCSGVKDRK.Q	21
PLOG-10083	proteomics_log	3472245	3472277	-	4	5	R.GALDCSGVKDR.K	15
PLOG-10084	proteomics_log	3472245	3472292	-	4	2	R.YHTVRGALDCSGVKDR.K	20
PLOG-10085	proteomics_log	3472293	3472325	-	4	7	R.GGRVKDLPGVR.Y	15
PLOG-10086	proteomics_log	3472317	3472406	-	4	81	R.LTNGFEVTSYIGGEGHNLQEHSVILIRGGR.V	34
PLOG-10087	proteomics_log	3472317	3472412	-	4	2	R.VRLTNGFEVTSYIGGEGHNLQEHSVILIRGGR.V	36
PLOG-10088	proteomics_log	3472326	3472373	-	4	2	I.GGEGHNLQEHSVILIR.G	20
PLOG-10089	proteomics_log	3472326	3472406	-	4	393	R.LTNGFEVTSYIGGEGHNLQEHSVILIR.G	31
PLOG-10090	proteomics_log	3472326	3472412	-	4	224	R.VRLTNGFEVTSYIGGEGHNLQEHSVILIR.G	33
PLOG-10091	proteomics_log	3472422	3472466	-	4	66	R.VYTTTPKKPNSALR.K	19
PLOG-10092	proteomics_log	3472425	3472445	-	4	10	K.KPNSALR.K	11
PLOG-10093	proteomics_log	3472425	3472463	-	4	3	V.YTTTPKKPNSALR.K	17
PLOG-10094	proteomics_log	3472425	3472466	-	4	92	R.VYTTTPKKPNSALR.K	18
PLOG-10095	proteomics_log	3472425	3472481	-	4	2	R.GVCTRVYTTTPKKPNSALR.K	23
PLOG-10096	proteomics_log	3472437	3472466	-	4	28	R.VYTTTPKKPN.S	14
PLOG-10097	proteomics_log	3472446	3472466	-	4	5	R.VYTTTPK.K	11
PLOG-10098	proteomics_log	3472479	3472520	-	4	53	K.SNVPALACPQKRG.V	18
PLOG-10099	proteomics_log	3472479	3472529	-	4	2	K.VAKSNVPALACPQKRG.V	21
PLOG-10100	proteomics_log	3472479	3472532	-	4	254	R.KVAKSNVPALACPQKRG.V	22
PLOG-10101	proteomics_log	3472479	3472538	-	4	17	R.ARKVAKSNVPALACPQKRG.V	24
PLOG-10102	proteomics_log	3472482	3472520	-	4	7	K.SNVPALACPQKR.G	17
PLOG-10103	proteomics_log	3472482	3472532	-	4	16	R.KVAKSNVPALACPQKR.G	21
PLOG-10104	proteomics_log	3472548	3472571	-	4	131	M.ATVNQLVR.K	12
PLOG-10105	proteomics_log	3472931	3472966	-	6	2	R.SPWLTDFAALLR.L	16
PLOG-10106	proteomics_log	3473743	3473769	-	5	5	K.SGDFQGQDK.-	13
PLOG-10107	proteomics_log	3473803	3473862	-	5	2	K.GIFDIKDAINQVADRLNISK.H	24
PLOG-10108	proteomics_log	3474169	3474210	-	5	2	R.MLHDMTGDSSVSK.C	18
PLOG-10109	proteomics_log	3474169	3474210	-	5	2	R.MLHDM*TGADSSVSK.C	19
PLOG-10110	proteomics_log	3474247	3474273	-	5	4	R.IANGEHTGR.K	13
PLOG-10111	proteomics_log	3474373	3474453	-	5	17	R.SLLTNETSELDDLQRPFDQTFDILK.S	31
PLOG-10112	proteomics_log	3474632	3474682	-	6	33	K.ADAKPEADAKAADSAKK.-	21
PLOG-10113	proteomics_log	3474761	3474799	-	6	20	K.IKLVIPPELAYGK.A	17
PLOG-10114	proteomics_log	3474800	3474880	-	6	2	R.GEPLSFRLDGVIPGWTEGLKNIKKGGK.I	31
PLOG-10115	proteomics_log	3474809	3474880	-	6	2	R.GEPLSFRLDGVIPGWTEGLKNIKK.G	28

PLOG-10116	proteomics_log	3474812	3474880	-	6	21	R.GEPLSFRLDGVIPGWTEGLKNIK.K	27
PLOG-10117	proteomics_log	3474821	3474859	-	6	5	R.LDGVIPGWTEGLK.N	17
PLOG-10118	proteomics_log	3474821	3474880	-	6	7	R.GEPLSFRLDGVIPGWTEGLK.N	24
PLOG-10119	proteomics_log	3474881	3474925	-	6	4	K.GTLIDGKEFDNSYTR.G	19
PLOG-10120	proteomics_log	3474926	3475015	-	6	3	K.TSSTGLVYQVVEAGKGEAPKDSDTVVVNYK.G	34
PLOG-10121	proteomics_log	3475040	3475093	-	6	3	K.M*EKDAADNEAKGKEYREK.F	23
PLOG-10122	proteomics_log	3475040	3475093	-	6	90	K.MEKDAADNEAKGKEYREK.F	22
PLOG-10123	proteomics_log	3475046	3475093	-	6	16	K.MEKDAADNEAKGKEYR.E	20
PLOG-10124	proteomics_log	3475061	3475093	-	6	2	K.M*EKDAADNEAK.G	16
PLOG-10125	proteomics_log	3475061	3475093	-	6	28	K.MEKDAADNEAK.G	15
PLOG-10126	proteomics_log	3475118	3475165	-	6	330	K.LSDQEIEQTLQAFEAR.V	20
PLOG-10127	proteomics_log	3475118	3475171	-	6	15	K.SKLSDDQEIEQTLQAFEAR.V	22
PLOG-10128	proteomics_log	3475118	3475222	-	6	2	K.LDKDQLIAGVQDAFADKSKLSDDQEIEQTLQAFEAR.V	39
PLOG-10129	proteomics_log	3475118	3475234	-	6	10	K.LGIKLDKDKQLIAGVQDAFADKSKLSDDQEIEQTLQAFEAR.V	43
PLOG-10130	proteomics_log	3475166	3475222	-	6	7	K.LDKDQLIAGVQDAFADKSK.L	23
PLOG-10131	proteomics_log	3475166	3475234	-	6	67	K.LGIKLDKDKQLIAGVQDAFADKSK.L	27
PLOG-10132	proteomics_log	3475166	3475267	-	6	3	R.YM*ENSLKEQEKLGIKLDKDKQLIAGVQDAFADKSK.L	39
PLOG-10133	proteomics_log	3475172	3475222	-	6	3	K.LDKDQLIAGVQDAFADK.S	21
PLOG-10134	proteomics_log	3475172	3475234	-	6	48	K.LGIKLDKDKQLIAGVQDAFADK.S	25
PLOG-10135	proteomics_log	3475235	3475267	-	6	4	R.YM*ENSLKEQEK.L	16
PLOG-10136	proteomics_log	3475235	3475267	-	6	58	R.YMENSLEKEQEK.L	15
PLOG-10137	proteomics_log	3475268	3475300	-	6	112	K.SAYALGASLGR.Y	15
PLOG-10138	proteomics_log	3475268	3475327	-	6	103	K.AAFKNDDQKSAYALGASLGR.Y	24
PLOG-10139	proteomics_log	3475268	3475366	-	6	7	A.AEAAKPATAADSKAAAFKNDDQKSAYALGASLGR.Y	37
PLOG-10140	proteomics_log	3475301	3475327	-	6	10	K.AAFKNDDQK.S	13
PLOG-10141	proteomics_log	3475301	3475366	-	6	87	A.AEAAKPATAADSKAAAFKNDDQK.S	26
PLOG-10142	proteomics_log	3475316	3475366	-	6	9	A.AEAAKPATAADSKAAAFK.N	21
PLOG-10143	proteomics_log	3475328	3475351	-	6	2	K.PATAADSK.A	12
PLOG-10144	proteomics_log	3475328	3475366	-	6	141	A.AEAAKPATAADSK.A	17
PLOG-10145	proteomics_log	3475949	3476053	-	6	31	R.TITTTITTTTVAAM*ATITVMNTVAKAAVAVKAT.A	40
PLOG-10146	proteomics_log	3476100	3476126	-	4	150	K.FNVEVVAIR.E	13
PLOG-10147	proteomics_log	3476127	3476234	-	4	8	R.FLAETDQGPVPEITAVEDDHVVVDGNHM*LAGQNLK.F	41
PLOG-10148	proteomics_log	3476127	3476234	-	4	95	R.FLAETDQGPVPEITAVEDDHVVVDGNHMLAGQNLK.F	40
PLOG-10149	proteomics_log	3476235	3476276	-	4	6	K.DVFMGVDELQVGM*R.F	19
PLOG-10150	proteomics_log	3476235	3476276	-	4	6	K.DVFM*GVDELQVGM*R.F	20
PLOG-10151	proteomics_log	3476235	3476276	-	4	106	K.DVFMGVDELQVGM.R.F	18
PLOG-10152	proteomics_log	3476235	3476285	-	4	2	R.VPKDVFM*GVDELQVGM*R.F	23
PLOG-10153	proteomics_log	3476235	3476285	-	4	5	R.VPKDVFMGVDELQVGM*R.F	22
PLOG-10154	proteomics_log	3476235	3476285	-	4	193	R.VPKDVFMGVDELQVGM.R.F	21
PLOG-10155	proteomics_log	3476472	3476504	-	4	220	K.DLVVSLAYQVR.T	15
PLOG-10156	proteomics_log	3476472	3476519	-	4	36	I.M*KVAKDLVVSLAYQVR.T	21
PLOG-10157	proteomics_log	3476472	3476519	-	4	375	I.MKVAKDLVVSLAYQVR.T	20
PLOG-10158	proteomics_log	3483532	3483558	-	5	16	R.DLKDAVAR.A	13
PLOG-10159	proteomics_log	3483559	3483600	-	5	5	R.LFTHINLHFIVTGR.D	18
PLOG-10160	proteomics_log	3486985	3487017	-	5	35	R.FAHAVAKVVG.A.-	15
PLOG-10161	proteomics_log	3486985	3487071	-	5	36	R.FAPSLVEDADIDEGMQRFHAKVVG.A.-	33

PLOG-10162	proteomics_log	3487018	3487071	-	5	11	R.FAPSLVVEDADIDEGM*QR.F	23
PLOG-10163	proteomics_log	3487018	3487071	-	5	255	R.FAPSLVVEDADIDEGMQR.F	22
PLOG-10164	proteomics_log	3487072	3487137	-	5	4	R.DFLYAGAEAGVM*VLNAGPDVM*R.F	28
PLOG-10165	proteomics_log	3487144	3487194	-	5	2	R.GM*GLLIGAELKPQYKGR.A	22
PLOG-10166	proteomics_log	3487144	3487194	-	5	39	R.GMGLLIGAELKPQYKGR.A	21
PLOG-10167	proteomics_log	3487150	3487194	-	5	36	R.GMGLLIGAELKPQYK.G	19
PLOG-10168	proteomics_log	3487195	3487230	-	5	9	K.IDQQYDVFS DIR.G	16
PLOG-10169	proteomics_log	3487195	3487251	-	5	75	R.FVDHLQKIDQQYDVFS DIR.G	23
PLOG-10170	proteomics_log	3487438	3487500	-	5	2	R.TGDLFAYM*HYGVTPDILTS AK.A	26
PLOG-10171	proteomics_log	3487438	3487500	-	5	102	R.TGDLFAYMHYGVTPDILTS AK.A	25
PLOG-10172	proteomics_log	3487663	3487734	-	5	39	K.YSDGFGPKPADIIHV PFDLHAVK.A	28
PLOG-10173	proteomics_log	3487735	3487770	-	5	12	R.SLFTVSVGGQPK.Y	16
PLOG-10174	proteomics_log	3487771	3487803	-	5	12	K.IIAFHNAFHGR.S	15
PLOG-10175	proteomics_log	3487843	3487929	-	5	4	R.KLIEATFAERVVFMNSGTEANETAFKLAR.H	33
PLOG-10176	proteomics_log	3487852	3487899	-	5	7	R.VVFMNSGTEANETAFK.L	20
PLOG-10177	proteomics_log	3487900	3487926	-	5	3	K.LIEATFAER.V	13
PLOG-10178	proteomics_log	3487900	3487929	-	5	25	R.KLIEATFAER.V	14
PLOG-10179	proteomics_log	3487939	3487998	-	5	21	K.TQGETLWHISNVFTNEPALR.L	24
PLOG-10180	proteomics_log	3488098	3488172	-	5	61	R.ATFDEVILPIYAPAEFIPVKGQGSR.I	29
PLOG-10181	proteomics_log	3488113	3488172	-	5	3	R.ATFDEVILPIYAPAEFIPV K.G	24
PLOG-10182	proteomics_log	3488173	3488199	-	5	146	M.AIEQTAITR.A	13
PLOG-10183	proteomics_log	3489252	3489293	-	4	2	R.QLYQDIFDWAGQLR.E	18
PLOG-10184	proteomics_log	3489508	3489567	-	5	17	R.RLEGVEMPLVTLTAAEALAR.L	24
PLOG-10185	proteomics_log	3489759	3489857	-	4	13	K.GMDVADKISQVPTH DVGOPYQNVPSKPVVILSAK.V	37
PLOG-10186	proteomics_log	3489858	3489971	-	4	2	R.TADKDSATSQFFIN VADNAFLDHGQRDFGYAVFGKVVK.G	42
PLOG-10187	proteomics_log	3489867	3489893	-	4	14	R.DFGYAVFGK.V	13
PLOG-10188	proteomics_log	3489867	3489971	-	4	12	R.TADKDSATSQFFIN VADNAFLDHGQRDFGYAVFGK.V	39
PLOG-10189	proteomics_log	3489888	3489971	-	4	2	R.TADKDSATSQFFIN VADNAFLDHGQRDF.G	32
PLOG-10190	proteomics_log	3489894	3489971	-	4	87	R.TADKDSATSQFFIN VADNAFLDHGQR.D	30
PLOG-10191	proteomics_log	3489972	3490001	-	4	3	R.NTRGTIAMAR.T	14
PLOG-10192	proteomics_log	3490002	3490046	-	4	7	K.KPNPPIKNEADNGLR.N	19
PLOG-10193	proteomics_log	3490047	3490103	-	4	9	R.VIPGFMIQGGGFTEQM QQK.K	23
PLOG-10194	proteomics_log	3490104	3490175	-	4	2	K.APVSVQNFVDYVNSGFYNN TTFHR.V	28
PLOG-10195	proteomics_log	3495159	3495209	-	4	2	A.PITKGRTDGSSKLP SVK.I	21
PLOG-10196	proteomics_log	3504279	3504299	-	4	3	R.NASDNIR.N	11
PLOG-10197	proteomics_log	3510659	3510703	-	6	47	R.TLKAVYEAI GFVAKP.-	19
PLOG-10198	proteomics_log	3510704	3510778	-	6	8	R.FRND E AFLQQVM*KDGA EKASAHASR.T	30
PLOG-10199	proteomics_log	3510704	3510778	-	6	56	R.FRND E AFLQQVMKDGA EKASAHASR.T	29
PLOG-10200	proteomics_log	3510725	3510778	-	6	3	R.FRND E AFLQQVM*KDGA EK.A	23
PLOG-10201	proteomics_log	3510725	3510778	-	6	77	R.FRND E AFLQQVMKDGA EK.A	22
PLOG-10202	proteomics_log	3510731	3510778	-	6	4	R.FRND E AFLQQVMKDGA.E	20
PLOG-10203	proteomics_log	3510740	3510778	-	6	15	R.FRND E AFLQQVMK.D	17
PLOG-10204	proteomics_log	3510788	3510838	-	6	5	K.GEVADAVSGMLTELQER.Y	21
PLOG-10205	proteomics_log	3510788	3510856	-	6	78	K.MYGHLKGEVADAVSGMLTELQER.Y	27
PLOG-10206	proteomics_log	3510857	3510940	-	6	228	K.AGVS NLLDILSAVTGQS IPELEKQFEGK.M	32
PLOG-10207	proteomics_log	3510857	3510958	-	6	10	R.YDVQNKAGVSNLLDILSAVTGQS IPELEKQFEGK.M	38

PLOG-10208	proteomics_log	3510857	3510994	-	6	2	R.AVTDSDEPPVRYDVQNKAGVSNLLDILSAVTGQSIPELEKQFEGK.M	50
PLOG-10209	proteomics_log	3510872	3510940	-	6	107	K.AGVSNLLDILSAVTGQSIPELEK.Q	27
PLOG-10210	proteomics_log	3510872	3510958	-	6	4	R.YDVQNKAGVSNLLDILSAVTGQSIPELEK.Q	33
PLOG-10211	proteomics_log	3510959	3510994	-	6	62	R.AVTDSDEPPVVR.Y	16
PLOG-10212	proteomics_log	3510959	3510997	-	6	2	K.RAVTDSDEPPVVR.Y	17
PLOG-10213	proteomics_log	3511004	3511066	-	6	5	K.SDDNRNNVIGLLEDPKSVVKK.I	25
PLOG-10214	proteomics_log	3511007	3511066	-	6	21	K.SDDNRNNVIGLLEDPKSVVK.K	24
PLOG-10215	proteomics_log	3511076	3511105	-	6	45	R.VMSLLEPTKK.M	14
PLOG-10216	proteomics_log	3511079	3511105	-	6	4	R.VMSLLEPTK.K	13
PLOG-10217	proteomics_log	3511106	3511171	-	6	4	R.FNALYGEIFKVPEPFIPKSGAR.V	26
PLOG-10218	proteomics_log	3511106	3511186	-	6	7	R.DIAQRFNALYGEIFKVPEPFIPKSGAR.V	31
PLOG-10219	proteomics_log	3511118	3511171	-	6	107	R.FNALYGEIFKVPEPFIPK.S	22
PLOG-10220	proteomics_log	3511118	3511186	-	6	7	R.DIAQRFNALYGEIFKVPEPFIPK.S	27
PLOG-10221	proteomics_log	3511187	3511279	-	6	2	D.YPVLM*AADILLYQTNLVPVGEDQKQHLELSR.D	36
PLOG-10222	proteomics_log	3511187	3511312	-	6	7	R.YAENINAGLFDYPVLM*AADILLYQTNLVPVGEDQKQHLELSR.D	47
PLOG-10223	proteomics_log	3511187	3511312	-	6	34	R.YAENINAGLFDYPVLM AADILLYQTNLVPVGEDQKQHLELSR.D	46
PLOG-10224	proteomics_log	3511313	3511342	-	6	30	R.MTQFKDKSAR.Y	14
PLOG-10225	proteomics_log	3511583	3511657	-	6	22	M.TKPIVFSGAQPSGELTIGNYMGALR.Q	29
PLOG-10226	proteomics_log	3511583	3511657	-	6	22	M.TKPIVFSGAQPSGELTIGNYMGALR.Q	29
PLOG-10227	proteomics_log	3511830	3511874	-	4	5	R.MGIAPQQMLFVGDSR.N	19
PLOG-10228	proteomics_log	3511875	3511955	-	4	4	K.YFSVVIGDDVQNKKPHDPDLLVAER.M	31
PLOG-10229	proteomics_log	3511956	3512033	-	4	112	K.GLPLGLVTNKPTPFVAPLLEALDIK.Y	30
PLOG-10230	proteomics_log	3512034	3512111	-	4	3	R.YYGEVAEEGTFLFPHVADTLGALQAK.G	30
PLOG-10231	proteomics_log	3512034	3512123	-	4	3	K.LFDRIYGEVAEEGTFLFPHVADTLGALQAK.G	34
PLOG-10232	proteomics_log	3512034	3512126	-	4	23	R.KLFDRIYGEVAEEGTFLFPHVADTLGALQAK.G	35
PLOG-10233	proteomics_log	3512232	3512276	-	4	62	R.VITWIGNGADVLMER.A	19
PLOG-10234	proteomics_log	3512277	3512387	-	4	6	R.GVAFDLDTLVDSAPGLAAAVDMALYALELPVAGEER.V	41
PLOG-10235	proteomics_log	3512407	3512433	-	5	2	R.SELAKVSHE.-	13
PLOG-10236	proteomics_log	3512407	3512433	-	5	2	R.SELAKVSHE.-	13
PLOG-10237	proteomics_log	3512563	3512589	-	5	10	R.IDESGFDIR.L	13
PLOG-10238	proteomics_log	3512611	3512745	-	5	7	K.AGLVFNPATPLSYLDYVMDKLDVILLMSVNPFGGGQSFIPQTLDK.L	49
PLOG-10239	proteomics_log	3512686	3512745	-	5	6	K.AGLVFNPATPLSYLDYVMDK.L	24
PLOG-10240	proteomics_log	3512854	3512919	-	5	2	K.SLRNYGITAPIDVHLM*VKPVDR.I	27
PLOG-10241	proteomics_log	3512854	3512919	-	5	12	K.SLRNYGITAPIDVHLM*VKPVDR.I	26
PLOG-10242	proteomics_log	3512920	3513009	-	5	84	K.ALAAGADVHFVMDNHYVPNLITIGPMVLK.S	34
PLOG-10243	proteomics_log	3512920	3513030	-	5	13	R.LGEDTAKALAAGADVHFVMDNHYVPNLITIGPMVLK.S	41
PLOG-10244	proteomics_log	3513031	3513069	-	5	3	Y.LIAPSILSADFAR.L	17
PLOG-10245	proteomics_log	3513031	3513075	-	5	9	K.QYLIAPSILSADFAR.L	19
PLOG-10246	proteomics_log	3513031	3513081	-	5	7	R.M*KQYLIAPSILSADFAR.L	22
PLOG-10247	proteomics_log	3513031	3513081	-	5	330	R.MKQYLIAPSILSADFAR.L	21
PLOG-10248	proteomics_log	3514189	3514230	-	5	5	K.KENLNKVVYETTR.N	18
PLOG-10249	proteomics_log	3514333	3514407	-	5	7	K.ETATTAPVQTASPAQTATPAAGAK.T	29
PLOG-10250	proteomics_log	3514477	3514530	-	5	2	K.KPQATVKTEPKPVAQTPK.R	22
PLOG-10251	proteomics_log	3515157	3515216	-	4	2	R.RSILMILNMLTLIAVRLVR.K	24
PLOG-10252	proteomics_log	3515275	3515328	-	5	29	-.MDEFKPEDELKPDPSDRR.T	22
PLOG-10253	proteomics_log	3515477	3515515	-	6	4	R.LILPLAIGKSEVR.S	17

PLOG-10254	proteomics_log	3515612	3515677	-	6	2	R.TSERLGFSSAETQRITLLKR.A	26
PLOG-10255	proteomics_log	3515633	3515665	-	6	4	R.LGQFSSAETQR.I	15
PLOG-10256	proteomics_log	3515678	3515788	-	6	3	R.ALLNLGHTFGHAIEAEMGYGNWLHGEAVAAGMVMAAR.T	41
PLOG-10257	proteomics_log	3515882	3515947	-	6	3	K.YGIILDGAFFNWLEENLDALLR.L	26
PLOG-10258	proteomics_log	3516056	3516082	-	6	2	K.TAVNHPLGK.N	13
PLOG-10259	proteomics_log	3516083	3516139	-	6	24	R.FIQVPTLLSQVDSSVGGK.T	23
PLOG-10260	proteomics_log	3516083	3516166	-	6	2	A.AASYQRGVRFIQVPTLLSQVDSSVGGK.T	32
PLOG-10261	proteomics_log	3516568	3516606	-	5	105	K.VVANQIIHMLESN.-	17
PLOG-10262	proteomics_log	3516568	3516627	-	5	3	R.TDDQSAKVVANQIIHMLESN.-	24
PLOG-10263	proteomics_log	3516628	3516696	-	5	5	R.EVLEALANERNPLYEEIADVTIR.T	27
PLOG-10264	proteomics_log	3516748	3516795	-	5	161	R.GVVVYLETTIEKQLAR.T	20
PLOG-10265	proteomics_log	3516760	3516795	-	5	23	R.GVVVYLETTIEK.Q	16
PLOG-10266	proteomics_log	3516829	3516867	-	5	39	K.QGIVLATGGGSVK.S	17
PLOG-10267	proteomics_log	3516868	3516891	-	5	9	K.VINELTEK.Q	12
PLOG-10268	proteomics_log	3516961	3517020	-	5	60	R.QLAQQLNMEFYDSDQEIEKR.T	24
PLOG-10269	proteomics_log	3516961	3517035	-	5	29	K.STIGRQLAQQLNMEFYDSDQEIEKR.T	29
PLOG-10270	proteomics_log	3517021	3517071	-	5	11	R.NIFLVGPMGAGKSTIGR.Q	21
PLOG-10271	proteomics_log	3517036	3517071	-	5	2	R.NIFLVGPM*GAGK.S	17
PLOG-10272	proteomics_log	3517036	3517071	-	5	89	R.NIFLVGPMGAGK.S	16
PLOG-10273	proteomics_log	3517036	3517074	-	5	3	K.RNIFLVGPMGAGK.S	17
PLOG-10274	proteomics_log	3523641	3523667	-	4	4	R.NVSALFLVR.E	13
PLOG-10275	proteomics_log	3523980	3524030	-	4	5	R.EAVMIVPIVDDHLILIR.E	21
PLOG-10276	proteomics_log	3524010	3524060	-	4	2	R.VYERM RTPNREAVMIVP.I	21
PLOG-10277	proteomics_log	3524118	3524168	-	4	5	M.SKSLQKPTILNVETVAR.S	21
PLOG-10278	proteomics_log	3533890	3533946	-	5	28	R.YIQTVWGLGYVFPDGSKA.-	23
PLOG-10279	proteomics_log	3533890	3533976	-	5	3	R.MVEEDPAHPRYIQTVWGLGYVFPDGSKA.-	33
PLOG-10280	proteomics_log	3533890	3533946	-	5	28	R.YIQTVWGLGYVFPDGSKA.-	23
PLOG-10281	proteomics_log	3533890	3533976	-	5	3	R.MVEEDPAHPRYIQTVWGLGYVFPDGSKA.-	33
PLOG-10282	proteomics_log	3533947	3533976	-	5	4	R.M*VEEDPAHPR.Y	15
PLOG-10283	proteomics_log	3533947	3533976	-	5	61	R.MVEEDPAHPR.Y	14
PLOG-10284	proteomics_log	3533947	3533979	-	5	2	R.RMVEEDPAHPR.Y	15
PLOG-10285	proteomics_log	3533986	3534009	-	5	10	R.SIDVQISR.L	12
PLOG-10286	proteomics_log	3534010	3534036	-	5	19	R.GREYSAMER.S	13
PLOG-10287	proteomics_log	3534097	3534156	-	5	3	R.EMFREDEPM*PLTSGEFAVLK.A	25
PLOG-10288	proteomics_log	3534097	3534156	-	5	17	R.EMFREDEPMPLTSGEFAVLK.A	24
PLOG-10289	proteomics_log	3534481	3534510	-	5	4	R.SVANAEQM*DR.L	15
PLOG-10290	proteomics_log	3534481	3534510	-	5	9	R.SVANAEQMDR.L	14
PLOG-10291	proteomics_log	3534511	3534540	-	5	18	R.YLTEQGFQVR.S	14
PLOG-10292	proteomics_log	3534562	3534588	-	5	2	K.ILVVDDDM*R.L	14
PLOG-10293	proteomics_log	3542315	3542377	-	6	2	K.TVLALPMPEVDV LNNGGLEILK.T	25
PLOG-10294	proteomics_log	3548123	3548146	-	6	15	R.SIRDYQAR.I	12
PLOG-10295	proteomics_log	3550352	3550396	-	6	12	R.QWWLAVSEALAEMLR.A	19
PLOG-10296	proteomics_log	3552911	3552934	-	6	2	T.EAVAVADK.T	12
PLOG-10297	proteomics_log	3558137	3558187	-	6	2	R.DGGIIG EATLDFISQFR.L	21
PLOG-10298	proteomics_log	3558278	3558379	-	6	7	R.KVAEQIPNGSTLFIDIGTTPEAVAHALLNHSNLR.I	38
PLOG-10299	proteomics_log	3558476	3558514	-	6	10	R.DLNELAEQNLILR.H	17

PLOG-10300	proteomics_log	3558584	3558610	-	6	3	R.HNGIIELVK.Q	13
PLOG-10301	proteomics_log	3559553	3559630	-	6	6	K.GAAQYLLQQGYDVVYSIDGGFEAWQR.Q	30
PLOG-10302	proteomics_log	3564276	3564311	-	4	2	C.TGRTGSDGVKSR.R	16
PLOG-10303	proteomics_log	3565157	3565222	-	6	2	R.QLQIAMGLKVDDKVPLFAVVS.R.L	26
PLOG-10304	proteomics_log	3565265	3565303	-	6	2	K.IWSPETDLLASR.Y	17
PLOG-10305	proteomics_log	3565265	3565336	-	6	5	R.LSGVLNGVDEKIWSPETDLLASR.Y	28
PLOG-10306	proteomics_log	3565352	3565405	-	6	6	R.EITEPQFAYGMEGLLQQR.H	22
PLOG-10307	proteomics_log	3565943	3566011	-	6	19	K.TGGLADVIGALPAAQIADGV.DAR.V	27
PLOG-10308	proteomics_log	3566095	3566124	-	5	10	R.SEEGIVLVTR.E	14
PLOG-10309	proteomics_log	3566866	3566898	-	5	11	R.MLIDHVEKGAR.C	15
PLOG-10310	proteomics_log	3567031	3567093	-	5	2	R.GWSFFNEEMNEFVDLLPAQQR.M	25
PLOG-10311	proteomics_log	3567094	3567147	-	5	2	R.MGVITQYQSHTLVQHIQR.G	22
PLOG-10312	proteomics_log	3567232	3567255	-	5	3	R.LKDLTNKR.A	12
PLOG-10313	proteomics_log	3567250	3567315	-	5	8	L.ARQLPLKSVALILAGGRGTRLK.D	26
PLOG-10314	proteomics_log	3567265	3567309	-	5	3	R.QLPLKSVALILAGGR.G	19
PLOG-10315	proteomics_log	3567310	3567348	-	5	5	M.VSLEKNDHLM.LAR.Q	17
PLOG-10316	proteomics_log	3571439	3571522	-	6	2	M.SDRIDRDVINALIAGHFADPF.SVLGMHK.T	32
PLOG-10317	proteomics_log	3571819	3571893	-	5	5	N.MGPEFLSAFTVGDQLLWGAAEPLRR.M	29
PLOG-10318	proteomics_log	3571819	3571899	-	5	18	K.LNM*GPEFLSAFTVGDQLLWGAAEPLRR.M	32
PLOG-10319	proteomics_log	3571819	3571899	-	5	173	K.LNMGPEFLSAFTVGDQLLWGAAEPLRR.M	31
PLOG-10320	proteomics_log	3571819	3571902	-	5	66	R.KLNM*GPEFLSAFTVGDQLLWGAAEPLRR.M	33
PLOG-10321	proteomics_log	3571819	3571902	-	5	367	R.KLNMGPFLSAFTVGDQLLWGAAEPLRR.M	32
PLOG-10322	proteomics_log	3571819	3571908	-	5	13	R.LRKLNM*GPEFLSAFTVGDQLLWGAAEPLRR.M	35
PLOG-10323	proteomics_log	3571819	3571908	-	5	97	R.LRKLNMGPFLSAFTVGDQLLWGAAEPLRR.M	34
PLOG-10324	proteomics_log	3571822	3571899	-	5	7	K.LNMGPEFLSAFTVGDQLLWGAAEPLR.R	30
PLOG-10325	proteomics_log	3571822	3571908	-	5	5	R.LRKLNMGPFLSAFTVGDQLLWGAAEPLR.R	33
PLOG-10326	proteomics_log	3571846	3571902	-	5	2	R.KLNMGPFLSAFTVGDQLL.W	23
PLOG-10327	proteomics_log	3571870	3571902	-	5	2	R.KLNMGPFLSA.F	15
PLOG-10328	proteomics_log	3571870	3571908	-	5	2	R.LRKLNMGPFLSA.F	17
PLOG-10329	proteomics_log	3571903	3571959	-	5	4	R.ELTPAAVTGTLTPVGR.LR.K	23
PLOG-10330	proteomics_log	3571903	3571992	-	5	2	K.VVPNDREITMRELTPAAVTGTLTPVGR.LR.K	34
PLOG-10331	proteomics_log	3571909	3571950	-	5	2	T.PAAVTGTLTPVGR.L	18
PLOG-10332	proteomics_log	3571909	3571959	-	5	305	R.ELTPAAVTGTLTPVGR.L	21
PLOG-10333	proteomics_log	3571909	3571992	-	5	157	K.VVPNDREITMRELTPAAVTGTLTPVGR.L	32
PLOG-10334	proteomics_log	3571993	3572037	-	5	11	I.PTVEELLA.AHNPWAK.V	19
PLOG-10335	proteomics_log	3571993	3572049	-	5	92	K.DVSIPTVEELLA.AHNPWAK.V	23
PLOG-10336	proteomics_log	3571993	3572052	-	5	58	K.KDVSIPTVEELLA.AHNPWAK.V	24
PLOG-10337	proteomics_log	3571993	3572058	-	5	183	K.LKKDVSIPTVEELLA.AHNPWAK.V	26
PLOG-10338	proteomics_log	3572017	3572049	-	5	2	K.DVSIPTVEELL.A	15
PLOG-10339	proteomics_log	3572101	3572148	-	5	17	K.ILNTSSVIPVDGLCVR.V	20
PLOG-10340	proteomics_log	3572101	3572181	-	5	7	R.EEWKQQAETNKILNTSSVIPVDGLCVR.V	31
PLOG-10341	proteomics_log	3572182	3572274	-	5	151	R.SGELPVDNFGVPLAGSLIPWIDKQLDNGQSR.E	35
PLOG-10342	proteomics_log	3572206	3572274	-	5	122	R.SGELPVDNFGVPLAGSLIPWIDK.Q	27
PLOG-10343	proteomics_log	3572275	3572295	-	5	12	R.KVTTLTR.S	11
PLOG-10344	proteomics_log	3572275	3572358	-	5	8	H.LYGHVADELATPSSAILDIERKVTTLTR.S	32
PLOG-10345	proteomics_log	3572293	3572358	-	5	16	H.LYGHVADELATPSSAILDIERK.V	26

PLOG-10346	proteomics_log	3572293	3572382	-	5	2	R.ELLTQMGHLYGHVADELATPSSAILDIERK.V	34
PLOG-10347	proteomics_log	3572296	3572346	-	5	3	H.VADELATPSSAILDIER.K	21
PLOG-10348	proteomics_log	3572296	3572358	-	5	40	H.LYGHVADELATPSSAILDIER.K	25
PLOG-10349	proteomics_log	3572296	3572382	-	5	80	R.ELLTQMGHLYGHVADELATPSSAILDIER.K	33
PLOG-10350	proteomics_log	3572296	3572391	-	5	5	R.HM*RELLTQM*GHLYGHVADELATPSSAILDIER.K	38
PLOG-10351	proteomics_log	3572296	3572391	-	5	99	R.HMRELLTQMGHLYGHVADELATPSSAILDIER.K	36
PLOG-10352	proteomics_log	3572359	3572391	-	5	6	R.HMRELLTQMGH.L	15
PLOG-10353	proteomics_log	3572518	3572589	-	5	3	K.DDAIIIILDPVNQDVITDGLNNGIR.T	28
PLOG-10354	proteomics_log	3572518	3572595	-	5	4	R.M*KDDAIIIILDPVNQDVITDGLNNGIR.T	31
PLOG-10355	proteomics_log	3572518	3572595	-	5	137	R.MKDDAIIIILDPVNQDVITDGLNNGIR.T	30
PLOG-10356	proteomics_log	3572596	3572643	-	5	54	R.ESGWQGYWIDAASSLR.M	20
PLOG-10357	proteomics_log	3572596	3572649	-	5	45	K.LRESGWQGYWIDAASSLR.M	22
PLOG-10358	proteomics_log	3572710	3572826	-	5	28	R.DFDAIRPVFFSTSQLGQAAPSFGGTTGLQDAFDLEALK.A	43
PLOG-10359	proteomics_log	3572842	3572871	-	5	2	R.GM*VGSVLM*QR.M	16
PLOG-10360	proteomics_log	3572842	3572871	-	5	5	R.GMVGSVLM*QR.M	15
PLOG-10361	proteomics_log	3572842	3572871	-	5	174	R.GMVGSVLMQR.M	14
PLOG-10362	proteomics_log	3572842	3572901	-	5	2	L.M*KNVGFIGWRGMVGSVLMQR.M	25
PLOG-10363	proteomics_log	3572842	3572901	-	5	2	L.M*KNVGFIGWRGM*VGSVLM*QR.M	27
PLOG-10364	proteomics_log	3572842	3572901	-	5	3	L.MKNVGFIGWRGMVGSVLMQR.M	24
PLOG-10365	proteomics_log	3572872	3572901	-	5	3	L.M*KNVGFIGWR.G	15
PLOG-10366	proteomics_log	3572872	3572901	-	5	108	L.MKNVGFIGWR.G	14
PLOG-10367	proteomics_log	3575757	3575798	-	4	2	K.M*LDLGFTLSPGGSI.-	19
PLOG-10368	proteomics_log	3576501	3576557	-	4	23	R.AIGVLLPSLTNQVFAEVL.R	23
PLOG-10369	proteomics_log	3576558	3576632	-	4	2	K.IAAALDELGYIPNRAPDILSNATSR.A	29
PLOG-10370	proteomics_log	3577794	3577835	-	4	47	R.GFEQASPSTVTLAK.-	18
PLOG-10371	proteomics_log	3577794	3577928	-	4	2	R.VYDALYQTITHGAPNYVKESEVLTNLEILERGFEQASPSTVTLAK.-	49
PLOG-10372	proteomics_log	3577836	3577928	-	4	67	R.VYDALYQTITHGAPNYVKESEVLTNLEILER.G	35
PLOG-10373	proteomics_log	3578169	3578225	-	4	3	R.NKANPDDTFEAQLFYGDLK.A	23
PLOG-10374	proteomics_log	3578454	3578489	-	4	2	K.SKGLTVTPYQNR.R	16
PLOG-10375	proteomics_log	3578490	3578576	-	4	8	R.ALEAGKNVLVEKPFTPTLAQAKELFALAK.S	33
PLOG-10376	proteomics_log	3578490	3578579	-	4	2	K.RALEAGKNVLVEKPFTPTLAQAKELFALAK.S	34
PLOG-10377	proteomics_log	3578511	3578576	-	4	16	R.ALEAGKNVLVEKPFTPTLAQAK.E	26
PLOG-10378	proteomics_log	3580395	3580460	-	4	6	M.FPLYTPPAASSLP IALLFNVLK.R	26
PLOG-10379	proteomics_log	3583266	3583307	-	4	2	R.FHHQWLPDELVEK.G	18
PLOG-10380	proteomics_log	3583308	3583388	-	4	22	R.IITTVLQM*VVNSIDYGLNVAEATNAPR.F	32
PLOG-10381	proteomics_log	3583308	3583388	-	4	122	R.IITTVLQM*VVNSIDYGLNVAEATNAPR.F	31
PLOG-10382	proteomics_log	3583434	3583523	-	4	2	P.NVYGLVGGDANAVGPNKRPLSSMSPTIVVK.D	34
PLOG-10383	proteomics_log	3583677	3583733	-	4	2	K.AKPSSEIRPGKLAPYESNQ.T	23
PLOG-10384	proteomics_log	3583677	3583763	-	4	5	K.SIADQIDINKAKPSSEIRPGKLAPYESNQ.T	33
PLOG-10385	proteomics_log	3583734	3583763	-	4	6	K.SIADQIDINK.A	14
PLOG-10386	proteomics_log	3583776	3583835	-	4	6	R.SEYLGDPDFVKVPWQALTNK.A	24
PLOG-10387	proteomics_log	3584022	3584075	-	4	4	K.NGGLITKEDLAAYKAVER.T	22
PLOG-10388	proteomics_log	3584076	3584159	-	4	11	K.SLEMIAENGPDEFYKGTIAEQIAQEMQK.N	32
PLOG-10389	proteomics_log	3584160	3584228	-	4	22	K.AIFWKEGEPLKKGDTLVQANLAK.S	27
PLOG-10390	proteomics_log	3584229	3584312	-	4	24	R.DGFIVNDALADDLKTYGSEVLPHENSK.A	32
PLOG-10391	proteomics_log	3584271	3584312	-	4	2	R.DGFIVNDALADDLK.T	18

PLOG-10392	proteomics_log	3584343	3584435	-	4	5	K.SLTSHLASGTPGTVAGFSLALDKYGT MPLNK.V	35
PLOG-10393	proteomics_log	3584439	3584477	-	4	5	R.DM*FLDDQGNPDSK.K	18
PLOG-10394	proteomics_log	3584439	3584477	-	4	6	R.DMFLDDQGNPDSK.K	17
PLOG-10395	proteomics_log	3584505	3584540	-	4	4	R.SKNGNTTAIDFR.E	16
PLOG-10396	proteomics_log	3584712	3584768	-	4	8	A.PPAPPVSYGVEEDVFHPVR.A	23
PLOG-10397	proteomics_log	3589077	3589157	-	4	3	R.VIVDEELESVWTGKKT PQQALDTAVER.G	31
PLOG-10398	proteomics_log	3589191	3589226	-	4	2	R.QMLNKPPLPFTK.G	16
PLOG-10399	proteomics_log	3589227	3589274	-	4	2	R.EQGFYEKNPGADTATR.Q	20
PLOG-10400	proteomics_log	3589320	3589370	-	4	8	K.FLDFLAKPENAAEWHQK.T	21
PLOG-10401	proteomics_log	3590052	3590117	-	4	2	R.TGNAPAILQVYEVGTATMMASK.A	26
PLOG-10402	proteomics_log	3590208	3590279	-	4	2	A.VTTIPFWSHMEGELGKEVDSLQR.F	28
PLOG-10403	proteomics_log	3590768	3590854	-	6	3	K.LADRGYVLENGHVLSDTGDALLANEAVR.S	33
PLOG-10404	proteomics_log	3590909	3590989	-	6	16	R.LLLLDEPSLGLAPIIIQQIFDTIEQLR.E	31
PLOG-10405	proteomics_log	3591011	3591058	-	6	22	R.AGTMMSGGEQQMLAIGR.A	20
PLOG-10406	proteomics_log	3591011	3591070	-	6	3	R.RIQRAGTM*SGGEQQM*LAIGR.A	26
PLOG-10407	proteomics_log	3591083	3591112	-	6	11	R.IKWVYELFPR.L	14
PLOG-10408	proteomics_log	3591194	3591223	-	6	6	R.EAVAIVPEGR.R	14
PLOG-10409	proteomics_log	3591233	3591277	-	6	11	R.IVFDDKIDTDWQTAK.I	19
PLOG-10410	proteomics_log	3591329	3591409	-	6	3	K.IQALHEVSLHINQGEIVTLIGANGAGK.T	31
PLOG-10411	proteomics_log	3591483	3591560	-	4	5	R.IYVVNQGTPLANGTPEQIRNNDVIR.A	30
PLOG-10412	proteomics_log	3591750	3591782	-	4	17	R.QASNLAYGDQR.R	15
PLOG-10413	proteomics_log	3591783	3591809	-	4	10	R.IGLLEHANR.Q	13
PLOG-10414	proteomics_log	3591900	3591959	-	4	8	R.LFREMTVIENLLVAQHQQLK.T	24
PLOG-10415	proteomics_log	3592098	3592187	-	4	11	R.FGGLLAVNNVNLELYPQEIVSLIGPNGAGK.T	34
PLOG-10416	proteomics_log	3592188	3592226	-	4	11	M.SQPLLSVNGLMMR.F	17
PLOG-10417	proteomics_log	3592188	3592226	-	4	11	M.SQPLLSVNGLMMR.F	17
PLOG-10418	proteomics_log	3594477	3594533	-	4	6	K.GDFGVFQWHADGSSTAAK.-	23
PLOG-10419	proteomics_log	3594546	3594593	-	4	2	K.ANGANTVIGPLNWDEK.G	20
PLOG-10420	proteomics_log	3594594	3594635	-	4	165	R.TGSDEPLALVKDLK.A	18
PLOG-10421	proteomics_log	3594603	3594635	-	4	137	R.TGSDEPLALVK.D	15
PLOG-10422	proteomics_log	3594636	3594671	-	4	3	Y.AAVQSLATALER.T	16
PLOG-10423	proteomics_log	3594636	3594716	-	4	46	K.ADKKDPSPGYVWITYAAVQSLATALER.T	31
PLOG-10424	proteomics_log	3594636	3594764	-	4	9	K.RYDQDPANQGIVDALKADKKDPSGPYVWITYAAVQSLATALER.T	47
PLOG-10425	proteomics_log	3594705	3594764	-	4	3	K.RYDQDPANQGIVDALKADKK.D	24
PLOG-10426	proteomics_log	3594765	3594857	-	4	2	K.TQFM*GPEGVGNASLSNIAGDAAEGMLVTM*PK.R	37
PLOG-10427	proteomics_log	3594765	3594857	-	4	2	K.TQFMGPEGVGNASLSNIAGDAAEGM*LVTMPK.R	36
PLOG-10428	proteomics_log	3594765	3594857	-	4	3	K.TQFM*GPEGVGNASLSNIAGDAAEGMLVTMPK.R	36
PLOG-10429	proteomics_log	3594765	3594857	-	4	2	K.TQFM*GPEGVGNASLSNIAGDAAEGM*LVTM*PK.R	38
PLOG-10430	proteomics_log	3594765	3594857	-	4	62	K.TQFMGPEGVGNASLSNIAGDAAEGMLVTMPK.R	35
PLOG-10431	proteomics_log	3594765	3594872	-	4	2	R.SVGLKTQFM*GPEGVGNASLSNIAGDAAEGMLVTM*PK.R	42
PLOG-10432	proteomics_log	3594765	3594872	-	4	3	R.SVGLKTQFMGPEGVGNASLSNIAGDAAEGM*LVTMPK.R	41
PLOG-10433	proteomics_log	3594765	3594872	-	4	3	R.SVGLKTQFM*GPEGVGNASLSNIAGDAAEGMLVTMPK.R	41
PLOG-10434	proteomics_log	3594765	3594872	-	4	4	R.SVGLKTQFMGPEGVGNASLSNIAGDAAEGMLVTM*PK.R	41
PLOG-10435	proteomics_log	3594765	3594872	-	4	298	R.SVGLKTQFMGPEGVGNASLSNIAGDAAEGMLVTMPK.R	40
PLOG-10436	proteomics_log	3594882	3594941	-	4	17	K.ENIDFVYGGYYPENMGMLR.Q	24
PLOG-10437	proteomics_log	3594882	3594944	-	4	4	K.KENIDFVYGGYYPENMGMLR.Q	25

PLOG-10438	proteomics_log	3594882	3594950	-	4	7	R.LKKENIDFVYGGYYPEN*GQMLR.Q	28
PLOG-10439	proteomics_log	3594882	3594950	-	4	14	R.LKKENIDFVYGGYYPEN*LR.Q	28
PLOG-10440	proteomics_log	3594882	3594950	-	4	7	R.LKKENIDFVYGGYYPEN*GQM*LR.Q	29
PLOG-10441	proteomics_log	3594882	3594950	-	4	349	R.LKKENIDFVYGGYYPEN*GQMLR.Q	27
PLOG-10442	proteomics_log	3594951	3594974	-	4	2	K.DFSALIAR.L	12
PLOG-10443	proteomics_log	3594951	3595025	-	4	360	K.AANANVFFDGITAGEKDFSALIAR.L	29
PLOG-10444	proteomics_log	3594951	3595046	-	4	409	R.SVQDGLKAANANVFFDGITAGEKDFSALIAR.L	36
PLOG-10445	proteomics_log	3595047	3595094	-	4	340	R.IAIIHDKQQYGEGLAR.S	20
PLOG-10446	proteomics_log	3595047	3595124	-	4	4	K.YILETVKPQRIAIIHDKQQYGEGLAR.S	30
PLOG-10447	proteomics_log	3595047	3595166	-	4	4	R.TAGLDSSQGPTAAKYILETVKPQRIAIIHDKQQYGEGLAR.S	44
PLOG-10448	proteomics_log	3595074	3595094	-	4	2	R.IAIIHDK.Q	11
PLOG-10449	proteomics_log	3595095	3595124	-	4	31	K.YILETVKPQR.I	14
PLOG-10450	proteomics_log	3595095	3595166	-	4	113	R.TAGLDSSQGPTAAKYILETVKPQR.I	28
PLOG-10451	proteomics_log	3595125	3595166	-	4	162	R.TAGLDSSQGPTAAK.Y	18
PLOG-10452	proteomics_log	3595302	3595346	-	4	59	K.QAVAVANKIVNDGIK.Y	19
PLOG-10453	proteomics_log	3595323	3595346	-	4	42	K.QAVAVANK.I	12
PLOG-10454	proteomics_log	3595323	3595346	-	4	42	K.QAVAVANK.I	12
PLOG-10455	proteomics_log	3595407	3595433	-	4	4	R.QAIKDINAK.G	13
PLOG-10456	proteomics_log	3595434	3595502	-	4	2	K.VAVVVGAMSGPIAQWGDMEFNGAR.Q	27
PLOG-10457	proteomics_log	3595434	3595514	-	4	185	A.DDIKVAVVVGAMSGPIAQWGDMEFNGAR.Q	31
PLOG-10458	proteomics_log	3596581	3596637	-	5	85	K.GFEFGVFDWHANGTATDAK.-	23
PLOG-10459	proteomics_log	3596581	3596649	-	5	77	K.GDLKGFVFDWHANGTATDAK.-	27
PLOG-10460	proteomics_log	3596581	3596697	-	5	27	K.ANSVDTVMGPLTWDEKGDLDKGFVFDWHANGTATDAK.-	43
PLOG-10461	proteomics_log	3596581	3596706	-	5	4	K.YLKANSVDTVMGPLTWDEKGDLDKGFVFDWHANGTATDAK.-	46
PLOG-10462	proteomics_log	3596638	3596697	-	5	5	K.ANSVDTVMGPLTWDEKGDLDK.G	24
PLOG-10463	proteomics_log	3596638	3596706	-	5	9	K.YLKANSVDTVMGPLTWDEKGDLDK.G	27
PLOG-10464	proteomics_log	3596650	3596697	-	5	4	K.ANSVDTVM*GPLTWDEK.G	21
PLOG-10465	proteomics_log	3596650	3596697	-	5	59	K.ANSVDTVMGPLTWDEK.G	20
PLOG-10466	proteomics_log	3596650	3596706	-	5	2	K.YLKANSVDTVM*GPLTWDEK.G	24
PLOG-10467	proteomics_log	3596650	3596706	-	5	4	K.YLKANSVDTVMGPLTWDEK.G	23
PLOG-10468	proteomics_log	3596698	3596808	-	5	144	K.KQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAKYLK.A	41
PLOG-10469	proteomics_log	3596707	3596748	-	5	3	Q.AGLNQSDDPAEIAK.Y	18
PLOG-10470	proteomics_log	3596707	3596769	-	5	22	Y.AALQSLQAGLNQSDDPAEIAK.Y	25
PLOG-10471	proteomics_log	3596707	3596805	-	5	38	K.QDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	37
PLOG-10472	proteomics_log	3596707	3596808	-	5	412	K.KQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	38
PLOG-10473	proteomics_log	3596707	3596814	-	5	118	K.AKKQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	40
PLOG-10474	proteomics_log	3596770	3596808	-	5	6	K.KQDPSGAFVWTTY.A	17
PLOG-10475	proteomics_log	3596806	3596862	-	5	2	K.NYDQVPANKPIVDAIKAKK.Q	23
PLOG-10476	proteomics_log	3596809	3596862	-	5	194	K.NYDQVPANKPIVDAIKAK.K	22
PLOG-10477	proteomics_log	3596809	3596928	-	5	3	V.ANVLSLSNIAGESAEGLLVTKPKNYDQVPANKPIVDAIKAK.K	44
PLOG-10478	proteomics_log	3596815	3596862	-	5	174	K.NYDQVPANKPIVDAIK.A	20
PLOG-10479	proteomics_log	3596815	3596955	-	5	2	K.TQFMGPEGVANVLSLSNIAGESAEGLLVTKPKNYDQVPANKPIVDAIK.A	51
PLOG-10480	proteomics_log	3596863	3596946	-	5	4	F.MGPEGVANVLSLSNIAGESAEGLLVTKPK.N	32
PLOG-10481	proteomics_log	3596863	3596955	-	5	24	K.TQFM*GPEGVANVLSLSNIAGESAEGLLVTKPK.N	36
PLOG-10482	proteomics_log	3596863	3596955	-	5	80	K.TQFMGPEGVANVLSLSNIAGESAEGLLVTKPK.N	35
PLOG-10483	proteomics_log	3596863	3596970	-	5	34	R.AAGLKTQFM*GPEGVANVLSLSNIAGESAEGLLVTKPK.N	41

PLOG-10484	proteomics_log	3596863	3596970	-	5	301	R.AAGLKTQFMGPEGVANVLSNIAGESAEGLLVTKPK.N	40
PLOG-10485	proteomics_log	3596971	3597048	-	5	8	R.LKKENIDFVYGGYHPEM*GQILRQAR.A	31
PLOG-10486	proteomics_log	3596971	3597048	-	5	57	R.LKKENIDFVYGGYHPEMGQILRQAR.A	30
PLOG-10487	proteomics_log	3596980	3597015	-	5	2	Y.GGYHPEM*GQILR.Q	17
PLOG-10488	proteomics_log	3596980	3597015	-	5	4	Y.GGYHPEMGQILR.Q	16
PLOG-10489	proteomics_log	3596980	3597021	-	5	2	V.YYGGYHPEMGQILR.Q	18
PLOG-10490	proteomics_log	3596980	3597039	-	5	69	K.ENIDFVYGGYHPEMGQILR.Q	24
PLOG-10491	proteomics_log	3596980	3597042	-	5	3	K.KENIDFVYGGYHPEM*GQILR.Q	26
PLOG-10492	proteomics_log	3596980	3597042	-	5	227	K.KENIDFVYGGYHPEMGQILR.Q	25
PLOG-10493	proteomics_log	3596980	3597048	-	5	231	R.LKKENIDFVYGGYHPEM*GQILR.Q	28
PLOG-10494	proteomics_log	3596980	3597048	-	5	574	R.LKKENIDFVYGGYHPEMGQILR.Q	27
PLOG-10495	proteomics_log	3597004	3597048	-	5	5	R.LKKENIDFVYGGYH.P	19
PLOG-10496	proteomics_log	3597049	3597072	-	5	5	K.DFSTLVAR.L	12
PLOG-10497	proteomics_log	3597049	3597087	-	5	3	I.TAGEKDFSTLVAR.L	17
PLOG-10498	proteomics_log	3597049	3597099	-	5	2	F.FDGITAGEKDFSTLVAR.L	21
PLOG-10499	proteomics_log	3597049	3597120	-	5	455	K.GNANVFFDGITAGEKDFSTLVAR.L	28
PLOG-10500	proteomics_log	3597049	3597123	-	5	283	K.KGNANVFFDGITAGEKDFSTLVAR.L	29
PLOG-10501	proteomics_log	3597049	3597144	-	5	478	R.AVQDGLKKGANVFFDGITAGEKDFSTLVAR.L	36
PLOG-10502	proteomics_log	3597052	3597144	-	5	2	R.AVQDGLKKGANVFFDGITAGEKDFSTLVA.R	35
PLOG-10503	proteomics_log	3597073	3597120	-	5	8	K.GNANVFFDGITAGEK.D	20
PLOG-10504	proteomics_log	3597073	3597123	-	5	9	K.KGNANVFFDGITAGEK.D	21
PLOG-10505	proteomics_log	3597073	3597144	-	5	7	R.AVQDGLKKGANVFFDGITAGEK.D	28
PLOG-10506	proteomics_log	3597145	3597189	-	5	8	I.AIVHDKQYGEGLAR.A	19
PLOG-10507	proteomics_log	3597145	3597192	-	5	545	R.IAIVHDKQYGEGLAR.A	20
PLOG-10508	proteomics_log	3597145	3597201	-	5	5	K.PQRIAIVHDKQYGEGLAR.A	23
PLOG-10509	proteomics_log	3597145	3597207	-	5	203	K.VKPQRIAIVHDKQYGEGLAR.A	25
PLOG-10510	proteomics_log	3597145	3597222	-	5	2	K.YILEKVKPQRIAIVHDKQYGEGLAR.A	30
PLOG-10511	proteomics_log	3597145	3597264	-	5	5	R.TTGLDSDQGPTAAKYILEKVKPQRIAIVHDKQYGEGLAR.A	44
PLOG-10512	proteomics_log	3597193	3597219	-	5	2	Y.ILEKVKPQR.I	13
PLOG-10513	proteomics_log	3597193	3597222	-	5	95	K.YILEKVKPQR.I	14
PLOG-10514	proteomics_log	3597193	3597264	-	5	64	R.TTGLDSDQGPTAAKYILEKVKPQR.I	28
PLOG-10515	proteomics_log	3597208	3597264	-	5	218	R.TTGLDSDQGPTAAKYILEK.V	23
PLOG-10516	proteomics_log	3597208	3597285	-	5	5	R.GYQLILRTTGLDSDQGPTAAKYILEK.V	30
PLOG-10517	proteomics_log	3597208	3597288	-	5	8	A.RGYQLILRTTGLDSDQGPTAAKYILEK.V	31
PLOG-10518	proteomics_log	3597220	3597264	-	5	8	R.TTGLDSDQGPTAAKY.I	19
PLOG-10519	proteomics_log	3597223	3597264	-	5	401	R.TTGLDSDQGPTAAK.Y	18
PLOG-10520	proteomics_log	3597265	3597285	-	5	204	R.GYQLILR.T	11
PLOG-10521	proteomics_log	3597286	3597375	-	5	2	S.SSTQPASDIYEDEGILM*ITPAATAPELTAR.G	35
PLOG-10522	proteomics_log	3597286	3597378	-	5	2	C.SSSTQPASDIYEDEGILM*ITPAATAPELTAR.G	36
PLOG-10523	proteomics_log	3597286	3597399	-	5	7	K.YVIGHLCSSTQPASDIYEDEGILMITPAATAPELTAR.G	42
PLOG-10524	proteomics_log	3597382	3597444	-	5	14	K.QAVAVANKVVNDGIKYVIGHL.C	25
PLOG-10525	proteomics_log	3597400	3597444	-	5	256	K.QAVAVANKVVNDGIK.Y	19
PLOG-10526	proteomics_log	3597421	3597444	-	5	42	K.QAVAVANK.I	12
PLOG-10527	proteomics_log	3597421	3597444	-	5	42	K.QAVAVANK.I	12
PLOG-10528	proteomics_log	3597469	3597504	-	5	102	K.GGIKGNKLQIVK.Y	16
PLOG-10529	proteomics_log	3597505	3597600	-	5	13	K.VAVVGAM*SGPVAQYGDQEFTGAEQAVADINAK.G	37

PLOG-10530	proteomics_log	3597505	3597600	-	5	32	K.VAVVGAMSGPVAQYGDQEFTGAEQAVADINAK.G	36
PLOG-10531	proteomics_log	3597505	3597612	-	5	5	A.EDIKVAVVGAM*SGPVAQYGDQEFTGAEQAVADINAK.G	41
PLOG-10532	proteomics_log	3597505	3597612	-	5	81	A.EDIKVAVVGAMSGPVAQYGDQEFTGAEQAVADINAK.G	40
PLOG-10533	proteomics_log	3597622	3597696	-	5	13	R.M*GILRM*NIK GKALLAGCIALAFSNM*.A	32
PLOG-10534	proteomics_log	3600165	3600236	-	4	8	R.LFEFNVRVGVTVLMATHDINLISR.R	28
PLOG-10535	proteomics_log	3600237	3600320	-	4	48	R.AVVNKPAVLLADEPTGNLDDALSEGILR.L	32
PLOG-10536	proteomics_log	3600776	3600838	-	6	82	R.IEDLRPFKADDFIEALFARED.-	25
PLOG-10537	proteomics_log	3600782	3600838	-	6	11	R.IEDLRPFKADDFIEALFAR.E	23
PLOG-10538	proteomics_log	3600926	3600970	-	6	2	K.LFHEAVGLTGITLTK.L	19
PLOG-10539	proteomics_log	3600971	3601051	-	6	4	K.KLDVEAPHEVMLTIDASTGQNAVSQAK.L	31
PLOG-10540	proteomics_log	3601070	3601096	-	6	3	K.SHLM*EELKK.I	14
PLOG-10541	proteomics_log	3601109	3601144	-	6	3	R.NIDVLIADTAGR.L	16
PLOG-10542	proteomics_log	3601145	3601228	-	6	4	R.NNIPVIAQHTGADSASVIFDAIQAAKAR.N	32
PLOG-10543	proteomics_log	3601151	3601228	-	6	39	R.NNIPVIAQHTGADSASVIFDAIQAAK.A	30
PLOG-10544	proteomics_log	3601268	3601300	-	6	3	K.SVMLAAGDTFR.A	15
PLOG-10545	proteomics_log	3601385	3601480	-	6	2	R.DAEALYGLLKEEMGEILAKVDEPLNVEGKAPF.V	36
PLOG-10546	proteomics_log	3601394	3601480	-	6	26	R.DAEALYGLLKEEMGEILAKVDEPLNVEGK.A	33
PLOG-10547	proteomics_log	3601424	3601480	-	6	30	R.DAEALYGLLKEEMGEILAK.V	23
PLOG-10548	proteomics_log	3601424	3601492	-	6	5	R.KQLRDAEALYGLLKEEMGEILAK.V	27
PLOG-10549	proteomics_log	3601493	3601528	-	6	22	R.KIITNLTEGASR.K	16
PLOG-10550	proteomics_log	3601526	3601603	-	6	2	K.KIDDDLFEELQELLIADVGVETTRK.I	30
PLOG-10551	proteomics_log	3601526	3601609	-	6	2	R.GKKIDDDLFEELQELLIADVGVETTRK.I	32
PLOG-10552	proteomics_log	3601529	3601600	-	6	2	K.IDDDLFEELQELLIADVGVETTRK.K	28
PLOG-10553	proteomics_log	3601529	3601609	-	6	8	R.GKKIDDDLFEELQELLIADVGVETTRK.K	31
PLOG-10554	proteomics_log	3601610	3601651	-	6	34	K.TKENLGSGFISLFR.G	18
PLOG-10555	proteomics_log	3601610	3601663	-	6	15	R.SLLKTKENLGSGFISLFR.G	22
PLOG-10556	proteomics_log	3604386	3604421	-	4	3	S.RLQSQVLSEIQR.A	16
PLOG-10557	proteomics_log	3610202	3610228	-	6	2	R.KGNISCNLK.S	13
PLOG-10558	proteomics_log	3618884	3618910	-	6	2	P.RGAPPSSAR.S	13
PLOG-10559	proteomics_log	3618884	3618910	-	6	2	P.RGAPPSSAR.S	13
PLOG-10560	proteomics_log	3619840	3619890	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10561	proteomics_log	3619840	3619890	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10562	proteomics_log	3619840	3619890	-	5	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10563	proteomics_log	3627561	3627611	-	4	2	R.VNEELPWPDDL VVRLPQ.-	21
PLOG-10564	proteomics_log	3627561	3627611	-	4	2	R.VNEELPWPDDL VVRLPQ.-	21
PLOG-10565	proteomics_log	3627708	3627737	-	4	7	K.TVETSDERLK.L	14
PLOG-10566	proteomics_log	3627738	3627818	-	4	9	R.LILDAAPDLRIPATISFVASVAQFTPK.T	31
PLOG-10567	proteomics_log	3627819	3627911	-	4	20	R.VLNMVDLSDVYMTFFLPTEQAGTLKLGGEAR.L	35
PLOG-10568	proteomics_log	3627837	3627911	-	4	42	R.VLNMVDLSDVYMTFFLPTEQAGTLK.L	29
PLOG-10569	proteomics_log	3627912	3627950	-	4	8	R.VAEPGEVLAAGGR.V	17
PLOG-10570	proteomics_log	3627972	3628013	-	4	2	R.IAADIDDSELKAPR.D	18
PLOG-10571	proteomics_log	3627972	3628016	-	4	3	R.RIAADIDDSELKAPR.D	19
PLOG-10572	proteomics_log	3628017	3628043	-	4	30	R.VEAAQATER.R	13
PLOG-10573	proteomics_log	3628044	3628070	-	4	3	R.TNIIQAQTR.V	13
PLOG-10574	proteomics_log	3628071	3628133	-	4	4	R.AALESAKAQVSASKAAIEAAR.T	25
PLOG-10575	proteomics_log	3628092	3628133	-	4	8	R.AALESAKAQVSASK.A	18

PLOG-10576	proteomics_log	3628134	3628190	-	4	9	R.GAISAQQLDDDRAAAESAR.A	23
PLOG-10577	proteomics_log	3628251	3628277	-	4	18	R.AAQLSVNQR.Q	13
PLOG-10578	proteomics_log	3628293	3628364	-	4	8	R.LEAIAQIKEAQSAAAAQALLEQR.Q	28
PLOG-10579	proteomics_log	3628293	3628382	-	4	32	R.VLQEQRLEAIAQIKEAQSAAAAQALLEQR.Q	34
PLOG-10580	proteomics_log	3628416	3628469	-	4	2	S.KIAGRITILVKEGKFVR.E	22
PLOG-10581	proteomics_log	3640532	3640591	-	6	3	R.VFQSLVGPDLADGLLEPAR.L	24
PLOG-10582	proteomics_log	3641021	3641089	-	6	6	R.WGLEHDEDNLMALVLTPEHLELR.K	27
PLOG-10583	proteomics_log	3641166	3641222	-	4	2	R.FRGREPQLDAMLEHYGIKG.-	23
PLOG-10584	proteomics_log	3641166	3641222	-	4	2	R.FRGREPQLDAM*LEHYGIKG.-	24
PLOG-10585	proteomics_log	3641259	3641297	-	4	24	R.ETGQSFLDNILSR.G	17
PLOG-10586	proteomics_log	3641268	3641324	-	4	2	R.FEEEGIFNRETGQSFLDNI.L	23
PLOG-10587	proteomics_log	3641526	3641555	-	4	2	R.QLEFGLDFDR.L	14
PLOG-10588	proteomics_log	3641556	3641585	-	4	3	K.NYQAALFILR.Q	14
PLOG-10589	proteomics_log	3642186	3642242	-	4	7	K.AEFGVDELQPWDIAYYSEK.Q	23
PLOG-10590	proteomics_log	3642255	3642293	-	4	2	R.ARPQGEKELAQLR.A	17
PLOG-10591	proteomics_log	3642294	3642347	-	4	25	K.MAENPQQVLDFLDLAKR.A	22
PLOG-10592	proteomics_log	3642297	3642347	-	4	6	K.M*AENPQQVLDFLDLAK.R	22
PLOG-10593	proteomics_log	3642297	3642347	-	4	36	K.MAENPQQVLDFLDLAK.R	21
PLOG-10594	proteomics_log	3642363	3642434	-	4	2	K.VM*EEILALRHELAQLLGFENYAFK.S	29
PLOG-10595	proteomics_log	3642363	3642434	-	4	35	K.VMEEILALRHELAQLLGFENYAFK.S	28
PLOG-10596	proteomics_log	3642609	3642668	-	4	4	K.LVTDEAELAGM*PESALAAAK.A	25
PLOG-10597	proteomics_log	3642669	3642731	-	4	3	R.LSELGNQYSNNVLDATMGWTK.L	25
PLOG-10598	proteomics_log	3642732	3642752	-	4	2	R.YGEIATR.L	11
PLOG-10599	proteomics_log	3642762	3642821	-	4	9	K.AVDNALRDFELSGIGLPKEK.Q	24
PLOG-10600	proteomics_log	3642975	3643010	-	4	8	R.IFSPVSHLNSVK.N	16
PLOG-10601	proteomics_log	3643122	3643157	-	4	25	K.ILPEHVPAVTK.A	16
PLOG-10602	proteomics_log	3643158	3643202	-	4	134	M.TNPLLPFELPPFSK.I	19
PLOG-10603	proteomics_log	3643158	3643205	-	4	3	R.MTNPLLPFELPPFSK.I	20
PLOG-10604	proteomics_log	3653992	3654036	-	5	25	K.NLYTFKNQASNDLPN.-	19
PLOG-10605	proteomics_log	3653992	3654051	-	5	2	K.KNPQKNLYTFKNQASNDLPN.-	24
PLOG-10606	proteomics_log	3654019	3654051	-	5	6	K.KNPQKNLYTFK.N	15
PLOG-10607	proteomics_log	3654070	3654120	-	5	11	K.GGDTVTLNETDLTQIPK.V	21
PLOG-10608	proteomics_log	3654070	3654171	-	5	5	K.AM*TPVAWWM*LHEETVYKGGDTVTLNETDLTQIPK.V	40
PLOG-10609	proteomics_log	3654070	3654171	-	5	61	K.AMTPVAWWMMLHEETVYKGGDTVTLNETDLTQIPK.V	38
PLOG-10610	proteomics_log	3654121	3654171	-	5	32	K.AMTPVAWWMMLHEETVYK.G	21
PLOG-10611	proteomics_log	3654172	3654213	-	5	2	A.KDMTCQEFIDLNPK.A	18
PLOG-10612	proteomics_log	3654172	3654228	-	5	18	A.ANESAKDMTCQEFIDLNPK.A	23
PLOG-10613	proteomics_log	3654434	3654463	-	6	7	K.GEWDKIKKDM.-	14
PLOG-10614	proteomics_log	3654440	3654463	-	6	2	K.GEWDKIKK.D	12
PLOG-10615	proteomics_log	3654440	3654469	-	6	4	K.VKGEWDKIKK.D	14
PLOG-10616	proteomics_log	3657873	3657899	-	4	3	H.RLREIDINR.V	13
PLOG-10617	proteomics_log	3663042	3663146	-	4	2	R.NYYGMTPTHEYQERSAQRLSNRDSAASIVAQGNFYG.T	39
PLOG-10618	proteomics_log	3664212	3664244	-	4	4	K.LQGIAQQNSFK.H	15
PLOG-10619	proteomics_log	3664212	3664244	-	4	4	K.LQGIAQQNSFK.H	15
PLOG-10620	proteomics_log	3664212	3664265	-	4	4	K.YLSDHPKLQGIAQQNSFK.H	22
PLOG-10621	proteomics_log	3664212	3664265	-	4	4	K.YLSDHPKLQGIAQQNSFK.H	22

PLOG-10622	proteomics_log	3664266	3664322	-	4	13	R.GFEMDFAELLEDYKASLK.Y	23
PLOG-10623	proteomics_log	3664266	3664322	-	4	13	R.GFEMDFAELLEDYKASLK.Y	23
PLOG-10624	proteomics_log	3664266	3664325	-	4	12	R.RGFEMDFAELLEDYKASLK.Y	24
PLOG-10625	proteomics_log	3664266	3664325	-	4	12	R.RGFEMDFAELLEDYKASLK.Y	24
PLOG-10626	proteomics_log	3664278	3664322	-	4	3	R.GFEMDFAELLEDYK.A	19
PLOG-10627	proteomics_log	3664278	3664322	-	4	3	R.GFEMDFAELLEDYK.A	19
PLOG-10628	proteomics_log	3664527	3664580	-	4	8	K.VQNASYQVAAYLADEIAK.L	22
PLOG-10629	proteomics_log	3664527	3664580	-	4	8	K.VQNASYQVAAYLADEIAK.L	22
PLOG-10630	proteomics_log	3665070	3665090	-	4	7	R.YWDVELR.E	11
PLOG-10631	proteomics_log	3665070	3665090	-	4	7	R.YWDVELR.E	11
PLOG-10632	proteomics_log	3665307	3665381	-	4	27	K.LMDLSINKNWDIDKEEYPQSAIDL.R.C	29
PLOG-10633	proteomics_log	3665307	3665381	-	4	27	K.LMDLSINKNWDIDKEEYPQSAIDL.R.C	29
PLOG-10634	proteomics_log	3665433	3665489	-	4	8	R.DDVAFAQIINDELYLDGNAR.Q	23
PLOG-10635	proteomics_log	3665433	3665489	-	4	8	R.DDVAFAQIINDELYLDGNAR.Q	23
PLOG-10636	proteomics_log	3665433	3665513	-	4	6	K.RFPLHEM*RDDVAFAQIINDELYLDGNAR.Q	32
PLOG-10637	proteomics_log	3665433	3665513	-	4	16	K.RFPLHEMRDDVAFAQIINDELYLDGNAR.Q	31
PLOG-10638	proteomics_log	3665433	3665513	-	4	6	K.RFPLHEM*RDDVAFAQIINDELYLDGNAR.Q	32
PLOG-10639	proteomics_log	3665433	3665513	-	4	16	K.RFPLHEMRDDVAFAQIINDELYLDGNAR.Q	31
PLOG-10640	proteomics_log	3668314	3668352	-	5	2	V.EIAARTAYTIFFK.Q	17
PLOG-10641	proteomics_log	3675048	3675107	-	4	3	R.RIEHGSSLPLISDLSTHIIK.N	24
PLOG-10642	proteomics_log	3676032	3676070	-	4	2	R.VEATLAPLALLTK.T	17
PLOG-10643	proteomics_log	3679670	3679714	-	6	2	R.IALTQSGGLDAAQAR.S	19
PLOG-10644	proteomics_log	3679715	3679783	-	6	9	R.LLVNTGSLAESTQQSGYSHAIPR.I	27
PLOG-10645	proteomics_log	3682583	3682666	-	6	2	A.NGVQEPWHAITLGQQVLTIMSERLPIER.I	32
PLOG-10646	proteomics_log	3700301	3700369	-	6	5	R.GLM*LDPDVVIADEPVSALDVSVR.A	28
PLOG-10647	proteomics_log	3700301	3700369	-	6	8	R.GLM*LDPDVVIADPVSALDVSVR.A	27
PLOG-10648	proteomics_log	3700391	3700450	-	6	25	K.VGLKTEHYDRYPHMFSGGQR.Q	24
PLOG-10649	proteomics_log	3700490	3700540	-	6	5	K.VGQILEEPLLINTSLK.E	21
PLOG-10650	proteomics_log	3700547	3700591	-	6	2	K.IQIVFQNPYGS LNPR.K	19
PLOG-10651	proteomics_log	3700694	3700750	-	6	3	R.GKTLAVVGESGCGKSTLGR.L	23
PLOG-10652	proteomics_log	3700751	3700783	-	6	17	K.ALDGVSFNLER.G	15
PLOG-10653	proteomics_log	3700784	3700813	-	6	2	K.GMFAPERLVK.A	14
PLOG-10654	proteomics_log	3700939	3700977	-	5	3	R.AEEPALNMLADGR.Q	17
PLOG-10655	proteomics_log	3701203	3701265	-	5	2	K.ENMALVLITHDLALVAEAAHK.I	25
PLOG-10656	proteomics_log	3701209	3701265	-	5	2	K.ENMALVLITHDLALVAEAA.H	23
PLOG-10657	proteomics_log	3701266	3701352	-	5	3	K.LLIADEPTTALDVTIQAQIIELLLQK.E	33
PLOG-10658	proteomics_log	3701686	3701733	-	5	2	K.SVSSLAIMGLIDYPGR.V	20
PLOG-10659	proteomics_log	3701797	3701868	-	5	3	M.ALLNVDKLSVHFGDESAPFRAVDR.I	28
PLOG-10660	proteomics_log	3701809	3701868	-	5	24	M.ALLNVDKLSVHFGDESAPFR.A	24
PLOG-10661	proteomics_log	3704124	3704150	-	4	3	K.HHFENVISIE.-	13
PLOG-10662	proteomics_log	3704124	3704177	-	4	273	K.GYVVDPLGKHHFENVISIE.-	22
PLOG-10663	proteomics_log	3704124	3704186	-	4	3	K.EVKGYVVDPLGKHHFENVISIE.-	25
PLOG-10664	proteomics_log	3704139	3704177	-	4	3	K.GYVVDPLGKHHFE.N	17
PLOG-10665	proteomics_log	3704151	3704177	-	4	5	K.GYVVDPLGK.H	13
PLOG-10666	proteomics_log	3704178	3704264	-	4	3	K.QAQVVM*HDQAPALIAHSTVFEPVRKEVK.G	34
PLOG-10667	proteomics_log	3704178	3704264	-	4	22	K.QAQVVMHDQAPALIAHSTVFEPVRKEVK.G	33

PLOG-10668	proteomics_log	3704178	3704279	-	4	3	R.VELYKQAQVVM*HDQAPALIAHSTVFEPVRKEVK.G	39
PLOG-10669	proteomics_log	3704178	3704279	-	4	4	R.VELYKQAQVVMHDQAPALIAHSTVFEPVRKEVK.G	38
PLOG-10670	proteomics_log	3704187	3704264	-	4	3	K.QAQVVM*HDQAPALIAHSTVFEPVRK.E	31
PLOG-10671	proteomics_log	3704187	3704264	-	4	78	K.QAQVVMHDQAPALIAHSTVFEPVRK.E	30
PLOG-10672	proteomics_log	3704187	3704279	-	4	4	R.VELYKQAQVVM*HDQAPALIAHSTVFEPVRK.E	36
PLOG-10673	proteomics_log	3704187	3704279	-	4	8	R.VELYKQAQVVMHDQAPALIAHSTVFEPVRK.E	35
PLOG-10674	proteomics_log	3704190	3704264	-	4	13	K.QAQVVMHDQAPALIAHSTVFEPVR.K	29
PLOG-10675	proteomics_log	3704265	3704303	-	4	45	R.ATDDHNKRVELYK.Q	17
PLOG-10676	proteomics_log	3704304	3704345	-	4	2	K.WCYKPFEDLIQPAR.A	18
PLOG-10677	proteomics_log	3704469	3704504	-	4	178	K.IVTYEWGEYLKR.A	16
PLOG-10678	proteomics_log	3704472	3704504	-	4	159	K.IVTYEWGEYLK.R	15
PLOG-10679	proteomics_log	3704505	3704555	-	4	13	R.MAEMIQADWAKVGVQAK.I	21
PLOG-10680	proteomics_log	3704505	3704558	-	4	63	R.RMAEMIQADWAKVGVQAK.I	22
PLOG-10681	proteomics_log	3704523	3704555	-	4	135	R.MAEMIQADWAK.V	15
PLOG-10682	proteomics_log	3704523	3704558	-	4	2	R.RMAEM*IQADWAK.V	17
PLOG-10683	proteomics_log	3704523	3704558	-	4	220	R.RMAEMIQADWAK.V	16
PLOG-10684	proteomics_log	3704559	3704582	-	4	28	Q.RPYNPNAR.R	12
PLOG-10685	proteomics_log	3704559	3704618	-	4	4	K.GFSIDLWAM*PVQRYPYNPNAR.R	25
PLOG-10686	proteomics_log	3704559	3704618	-	4	49	K.GFSIDLWAMPVQRYPYNPNAR.R	24
PLOG-10687	proteomics_log	3704559	3704636	-	4	15	K.EAGLEKGFSDLWAMPVQRYPYNPNAR.R	30
PLOG-10688	proteomics_log	3704559	3704648	-	4	136	K.ALLKEAGLEKGFSDLWAMPVQRYPYNPNAR.R	34
PLOG-10689	proteomics_log	3704583	3704618	-	4	3	K.GFSIDLWAMPVQ.R	16
PLOG-10690	proteomics_log	3704619	3704648	-	4	209	K.ALLKEAGLEK.G	14
PLOG-10691	proteomics_log	3704619	3704654	-	4	5	K.AKALLKEAGLEK.G	16
PLOG-10692	proteomics_log	3704649	3704723	-	4	27	K.NLIPPTMWGYNDDVQDYTYDPEKAK.A	29
PLOG-10693	proteomics_log	3704655	3704723	-	4	2	K.NLIPPTM*WGYNDDVQDYTYDPEK.A	28
PLOG-10694	proteomics_log	3704655	3704723	-	4	7	K.NLIPPTMWGYNDDVQDYTYDPEK.A	27
PLOG-10695	proteomics_log	3704724	3704756	-	4	275	K.AVYQGAGVSAK.N	15
PLOG-10696	proteomics_log	3704724	3704771	-	4	3	K.DAIKAVYQGAGVSAK.N	20
PLOG-10697	proteomics_log	3704724	3704774	-	4	96	N.KDAIKAVYQGAGVSAK.N	21
PLOG-10698	proteomics_log	3704724	3704798	-	4	225	R.QALTYAVNKDAIKAVYQGAGVSAK.N	29
PLOG-10699	proteomics_log	3704724	3704804	-	4	3	K.VRQALTYAVNKDAIKAVYQGAGVSAK.N	31
PLOG-10700	proteomics_log	3704757	3704783	-	4	4	Y.AVNKDAIK.A	13
PLOG-10701	proteomics_log	3704757	3704798	-	4	269	R.QALTYAVNKDAIK.A	18
PLOG-10702	proteomics_log	3704757	3704804	-	4	22	K.VRQALTYAVNKDAIK.A	20
PLOG-10703	proteomics_log	3704799	3704825	-	4	50	K.KPLDDVKVR.Q	13
PLOG-10704	proteomics_log	3704799	3704837	-	4	3	Y.NVQKKPLDDVKVR.Q	17
PLOG-10705	proteomics_log	3704799	3704888	-	4	5	K.SINLMEM*PGLNVGYLSYNVQKKPLDDVKVR.Q	35
PLOG-10706	proteomics_log	3704799	3704888	-	4	7	K.SINLM*EMPGLNVGYLSYNVQKKPLDDVKVR.Q	35
PLOG-10707	proteomics_log	3704799	3704888	-	4	5	K.SINLM*EM*PGLNVGYLSYNVQKKPLDDVKVR.Q	36
PLOG-10708	proteomics_log	3704799	3704888	-	4	238	K.SINLMEMPGLNVGYLSYNVQKKPLDDVKVR.Q	34
PLOG-10709	proteomics_log	3704799	3704903	-	4	2	R.MKQDKSINLMEMPGLNVGYLSYNVQKKPLDDVKVR.Q	39
PLOG-10710	proteomics_log	3704799	3704903	-	4	2	R.M*KQDKSINLMEMPGLNVGYLSYNVQKKPLDDVKVR.Q	40
PLOG-10711	proteomics_log	3704799	3704903	-	4	2	R.M*KQDKSINLM*EM*PGLNVGYLSYNVQKKPLDDVKVR.Q	42
PLOG-10712	proteomics_log	3704805	3704825	-	4	17	K.KPLDDVK.V	11
PLOG-10713	proteomics_log	3704805	3704888	-	4	2	K.SINLMEM*PGLNVGYLSYNVQKKPLDDVK.V	33

PLOG-10714	proteomics_log	3704805	3704888	-	4	171	K.SINLMEMPGLNVGYLSYINVQKPLDDVK.V	32
PLOG-10715	proteomics_log	3704826	3704888	-	4	2	K.SINLMEM*PGLNVGYLSYINVQK.K	26
PLOG-10716	proteomics_log	3704826	3704888	-	4	3	K.SINLM*EMPGLNVGYLSYINVQK.K	26
PLOG-10717	proteomics_log	3704826	3704888	-	4	278	K.SINLMEMPGLNVGYLSYINVQK.K	25
PLOG-10718	proteomics_log	3704826	3704903	-	4	62	R.MKQDKSINLMEMPGLNVGYLSYINVQK.K	30
PLOG-10719	proteomics_log	3704826	3704918	-	4	3	P.ADIARM*KQDKSINLM*EMPGLNVGYLSYINVQK.K	37
PLOG-10720	proteomics_log	3704838	3704888	-	4	2	K.SINLM*EM*PGLNVGYLSY.N	23
PLOG-10721	proteomics_log	3704838	3704888	-	4	3	K.SINLMEMPGLNVGYLSY.N	21
PLOG-10722	proteomics_log	3704904	3704948	-	4	3	N.ECQVMPYPNPADIAR.M	19
PLOG-10723	proteomics_log	3704904	3704951	-	4	12	K.NECQVMPYPNPADIAR.M	20
PLOG-10724	proteomics_log	3704904	3704960	-	4	7	K.LQKNECQVMPYPNPADIAR.M	23
PLOG-10725	proteomics_log	3704904	3704969	-	4	11	R.YAKLQKNECQVMPYPNPADIAR.M	26
PLOG-10726	proteomics_log	3704961	3705047	-	4	11	K.AFDGYWGTKPQIDTLVFSITPDASVRYAK.L	33
PLOG-10727	proteomics_log	3704961	3705053	-	4	2	R.YKAFDGYWGTKPQIDTLVFSITPDASVRYAK.L	35
PLOG-10728	proteomics_log	3704970	3705047	-	4	188	K.AFDGYWGTKPQIDTLVFSITPDASVR.Y	30
PLOG-10729	proteomics_log	3704970	3705053	-	4	319	R.YKAFDGYWGTKPQIDTLVFSITPDASVR.Y	32
PLOG-10730	proteomics_log	3704970	3705059	-	4	122	R.IRYKAFDGYWGTKPQIDTLVFSITPDASVR.Y	34
PLOG-10731	proteomics_log	3704997	3705053	-	4	2	R.YKAFDGYWGTKPQIDTLVFSITPDASVR.Y	23
PLOG-10732	proteomics_log	3705060	3705140	-	4	249	K.AGTPEKLDLNPIGTGPFQLQYQKDSR.I	31
PLOG-10733	proteomics_log	3705069	3705122	-	4	9	K.LDLNPIGTGPFQLQYQK.D	22
PLOG-10734	proteomics_log	3705069	3705140	-	4	136	K.AGTPEKLDLNPIGTGPFQLQYQK.D	28
PLOG-10735	proteomics_log	3705138	3705260	-	4	4	K.KVDDNTVQFVLTRPEAPFLADLAMDFASILSKEYADAM*M*K.A.G	47
PLOG-10736	proteomics_log	3705141	3705164	-	4	11	K.EYADAMMK.A	12
PLOG-10737	proteomics_log	3705141	3705233	-	4	2	F.VLTRPEAPFLADLAMDFASILSKEYADAM*M*K.A	37
PLOG-10738	proteomics_log	3705141	3705233	-	4	3	F.VLTRPEAPFLADLAM*DFASILSKEYADAMMK.A	36
PLOG-10739	proteomics_log	3705141	3705233	-	4	2	F.VLTRPEAPFLADLAM*DFASILSKEYADAM*M*K.A	38
PLOG-10740	proteomics_log	3705141	3705233	-	4	151	F.VLTRPEAPFLADLAMDFASILSKEYADAMMK.A	35
PLOG-10741	proteomics_log	3705141	3705257	-	4	3	K.VDDNTVQFVLTRPEAPFLADLAM*DFASILSKEYADAM*M*K.A	46
PLOG-10742	proteomics_log	3705141	3705257	-	4	58	K.VDDNTVQFVLTRPEAPFLADLAMDFASILSKEYADAMMK.A	43
PLOG-10743	proteomics_log	3705141	3705260	-	4	2	K.KVDDNTVQFVLTRPEAPFLADLAMDFASILSKEYADAM*M*K.A	45
PLOG-10744	proteomics_log	3705141	3705260	-	4	5	K.KVDDNTVQFVLTRPEAPFLADLAMDFASILSKEYADAM*M*K.A	45
PLOG-10745	proteomics_log	3705141	3705260	-	4	6	K.KVDDNTVQFVLTRPEAPFLADLAM*DFASILSKEYADAMMK.A	45
PLOG-10746	proteomics_log	3705141	3705260	-	4	2	K.KVDDNTVQFVLTRPEAPFLADLAMDFASILSKEYADAM*M*K.A	46
PLOG-10747	proteomics_log	3705141	3705260	-	4	2	K.KVDDNTVQFVLTRPEAPFLADLAM*DFASILSKEYADAM*M*K.A	47
PLOG-10748	proteomics_log	3705141	3705260	-	4	219	K.KVDDNTVQFVLTRPEAPFLADLAMDFASILSKEYADAMMK.A	44
PLOG-10749	proteomics_log	3705165	3705233	-	4	16	F.VLTRPEAPFLADLAM*DFASILSK.E	28
PLOG-10750	proteomics_log	3705165	3705233	-	4	95	F.VLTRPEAPFLADLAMDFASILSK.E	27
PLOG-10751	proteomics_log	3705165	3705257	-	4	13	K.VDDNTVQFVLTRPEAPFLADLAM*DFASILSK.E	36
PLOG-10752	proteomics_log	3705165	3705257	-	4	127	K.VDDNTVQFVLTRPEAPFLADLAMDFASILSK.E	35
PLOG-10753	proteomics_log	3705165	3705260	-	4	70	K.KVDDNTVQFVLTRPEAPFLADLAM*DFASILSK.E	37
PLOG-10754	proteomics_log	3705165	3705260	-	4	251	K.KVDDNTVQFVLTRPEAPFLADLAMDFASILSK.E	36
PLOG-10755	proteomics_log	3705165	3705284	-	4	2	L.PELISEVKKVDDNTVQFVLTRPEAPFLADLAMDFASILSK.E	44
PLOG-10756	proteomics_log	3705234	3705326	-	4	4	K.VSGGSYEFEGMGLPELISEVKKVDDNTVQF.V	35
PLOG-10757	proteomics_log	3705258	3705326	-	4	8	K.VSGGSYEFEGMGLPELISEVKK.V	27
PLOG-10758	proteomics_log	3705258	3705350	-	4	2	K.NAQNPYHKVSGGSYEFEGMGLPELISEVKK.V	35
PLOG-10759	proteomics_log	3705261	3705326	-	4	5	K.VSGGSYEFEGM*GLPELISEVKK.K	27

PLOG-10760	proteomics_log	3705261	3705326	-	4	204	K.VSGGSYEFEGMGLPELISEVK.K	26
PLOG-10761	proteomics_log	3705261	3705350	-	4	4	K.NAQNPYHKVSGGSYEFEGM*GLPELISEVK.K	35
PLOG-10762	proteomics_log	3705261	3705350	-	4	38	K.NAQNPYHKVSGGSYEFEGMGLPELISEVK.K	34
PLOG-10763	proteomics_log	3705261	3705356	-	4	4	R.QKNAQNPYHKVSGGSYEFEGM*GLPELISEVK.K	37
PLOG-10764	proteomics_log	3705327	3705350	-	4	21	K.NAQNPYHK.V	12
PLOG-10765	proteomics_log	3705351	3705395	-	4	66	R.ELNADDVVFSFDRQK.N	19
PLOG-10766	proteomics_log	3705351	3705428	-	4	7	K.WHDNKEFKPTRELNADDVVFSFDRQK.N	30
PLOG-10767	proteomics_log	3705357	3705395	-	4	182	R.ELNADDVVFSFDR.Q	17
PLOG-10768	proteomics_log	3705357	3705428	-	4	37	K.WHDNKEFKPTRELNADDVVFSFDR.Q	28
PLOG-10769	proteomics_log	3705396	3705428	-	4	53	K.WHDNKEFKPTR.E	15
PLOG-10770	proteomics_log	3705396	3705437	-	4	14	K.GVKWHDNKEFKPTR.E	18
PLOG-10771	proteomics_log	3705396	3705440	-	4	7	R.KGVKWHDNKEFKPTR.E	19
PLOG-10772	proteomics_log	3705438	3705485	-	4	3	K.WEVEDGKTYTFHLRK.G	20
PLOG-10773	proteomics_log	3705438	3705524	-	4	40	K.IGTTEVIPGLAEKWEVEDGKTYTFHLRK.G	33
PLOG-10774	proteomics_log	3705441	3705485	-	4	8	K.WEVEDGKTYTFHLR.K	19
PLOG-10775	proteomics_log	3705441	3705524	-	4	155	K.IGTTEVIPGLAEKWEVEDGKTYTFHLR.K	32
PLOG-10776	proteomics_log	3705462	3705524	-	4	12	K.IGTTEVIPGLAEKWEVEDGK.T	25
PLOG-10777	proteomics_log	3705486	3705524	-	4	167	K.IGTTEVIPGLAEK.W	17
PLOG-10778	proteomics_log	3705486	3705539	-	4	13	R.LVEFKIGTTEVIPGLAEK.W	22
PLOG-10779	proteomics_log	3705525	3705644	-	4	9	A.KTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNRLVEFK.I	44
PLOG-10780	proteomics_log	3705540	3705644	-	4	10	A.KTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	39
PLOG-10781	proteomics_log	3705540	3705647	-	4	2	Q.AKTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	40
PLOG-10782	proteomics_log	3710747	3710764	-	6	2	N.VFKVAK.G	10
PLOG-10783	proteomics_log	3716360	3716431	-	6	6	K.LIAPLPAQHQAQFNQAWTTAVTATQ.-	28
PLOG-10784	proteomics_log	3716603	3716680	-	6	7	K.LQADAAHSALKQSDDLKPVFDQAFTK.V	30
PLOG-10785	proteomics_log	3716648	3716680	-	6	3	K.LQADAAHSALK.Q	15
PLOG-10786	proteomics_log	3720378	3720425	-	4	3	R.INRLTMLEKLRELFLR.V	20
PLOG-10787	proteomics_log	3720399	3720425	-	4	2	R.INRLTMLEK.L	13
PLOG-10788	proteomics_log	3720426	3720521	-	4	98	R.YQDALVELAELREPVDAFFDKVMVMVDDKELR.I	36
PLOG-10789	proteomics_log	3720459	3720521	-	4	5	R.YQDALVELAELREPVDAFFDK.V	25
PLOG-10790	proteomics_log	3720555	3720620	-	4	7	R.VNASTLKEPEEIKLAMQVVVLR.D	26
PLOG-10791	proteomics_log	3720666	3720707	-	4	177	R.TLDAALAAANR.V	18
PLOG-10792	proteomics_log	3720708	3720731	-	4	43	R.MKAVSHFR.T	12
PLOG-10793	proteomics_log	3720732	3720764	-	4	5	R.RPTRPADFDAR.M	15
PLOG-10794	proteomics_log	3720765	3720827	-	4	2	R.FRAWYQDEGYTVDTIQAVLAR.R	25
PLOG-10795	proteomics_log	3720828	3720878	-	4	27	K.LTNANVVDDVIDFMLGR.F	21
PLOG-10796	proteomics_log	3720828	3720893	-	4	75	R.LYGDKLTNANVVDDVIDFMLGR.F	26
PLOG-10797	proteomics_log	3720828	3720938	-	4	19	K.NLNLDLQTLTTEEAVRLYGDKLTNANVVDDVIDFMLGR.F	41
PLOG-10798	proteomics_log	3720828	3720953	-	4	3	R.IIVEKNLNLDLQTLTTEEAVR.L	46
PLOG-10799	proteomics_log	3720894	3720938	-	4	24	K.NLNLDLQTLTTEEAVR.L	19
PLOG-10800	proteomics_log	3720894	3720953	-	4	6	R.IIVEKNLNLDLQTLTTEEAVR.L	24
PLOG-10801	proteomics_log	3721002	3721109	-	4	12	R.FAGDDLPSNPVACALAIADKMDTLGIFGIGQHPKG.D	40
PLOG-10802	proteomics_log	3721110	3721166	-	4	4	R.HDGEAEDVAVALNEQYQPR.F	23
PLOG-10803	proteomics_log	3721239	3721319	-	4	15	R.IQALAGWIAEQIGADVNHATRAGLLSK.C	31
PLOG-10804	proteomics_log	3721257	3721304	-	4	10	A.GWIAEQIGADVNHATR.A	20
PLOG-10805	proteomics_log	3721257	3721319	-	4	139	R.IQALAGWIAEQIGADVNHATR.A	25

PLOG-10806	proteomics_log	3721257	3721328	-	4	21	K.TDRIQALAGWIAEQIGADVNHATR.A	28
PLOG-10807	proteomics_log	3721257	3721334	-	4	42	R.DKTDRIQALAGWIAEQIGADVNHATR.A	30
PLOG-10808	proteomics_log	3721320	3721376	-	4	2	R.LQTVLFQQQLGTLRDKTDR.I	23
PLOG-10809	proteomics_log	3721335	3721376	-	4	79	R.LQTVLFQQQLGTLR.D	18
PLOG-10810	proteomics_log	3721377	3721397	-	4	2	R.LEDNLPR.L	11
PLOG-10811	proteomics_log	3721377	3721400	-	4	111	K.RLEDNLPR.L	12
PLOG-10812	proteomics_log	3721377	3721442	-	4	2	R.LADAEFFFNTRDKRLEDNLPR.L	26
PLOG-10813	proteomics_log	3721404	3721442	-	4	4	R.LADAEFFFNTRDK.K	17
PLOG-10814	proteomics_log	3721407	3721442	-	4	50	R.LADAEFFFNTRDK.K	16
PLOG-10815	proteomics_log	3721458	3721532	-	4	18	K.LLPNFIFVANIESKDPQQIISGNEK.V	29
PLOG-10816	proteomics_log	3721575	3721616	-	4	40	K.FLAVPAEALVYTMK.G	18
PLOG-10817	proteomics_log	3721617	3721712	-	4	97	K.IGGNADLSESLLEEVAASLVEWPVVLTAKFEEK.F	36
PLOG-10818	proteomics_log	3721617	3721715	-	4	196	R.KIGGNADLSESLLEEVAASLVEWPVVLTAKFEEK.F	37
PLOG-10819	proteomics_log	3721629	3721691	-	4	3	L.SESLLEEVAASLVEWPVVLTAK.F	25
PLOG-10820	proteomics_log	3721629	3721712	-	4	97	K.IGGNADLSESLLEEVAASLVEWPVVLTAK.F	32
PLOG-10821	proteomics_log	3721629	3721715	-	4	166	R.KIGGNADLSESLLEEVAASLVEWPVVLTAK.F	33
PLOG-10822	proteomics_log	3721713	3721745	-	4	7	K.IKADAEAAARK.I	15
PLOG-10823	proteomics_log	3721716	3721745	-	4	56	K.IKADAEAAAR.K	14
PLOG-10824	proteomics_log	3721716	3721751	-	4	7	K.AKIKADAEAAAR.K	16
PLOG-10825	proteomics_log	3721716	3721754	-	4	3	R.KAKIKADAEAAAR.K	17
PLOG-10826	proteomics_log	3721746	3721784	-	4	9	R.GKVIADYEERKAK.I	17
PLOG-10827	proteomics_log	3721752	3721784	-	4	2	R.GKVIADYEERK.A	15
PLOG-10828	proteomics_log	3721755	3721784	-	4	43	R.GKVIADYEER.K	14
PLOG-10829	proteomics_log	3721785	3721850	-	4	3	R.FM*GEPEFTIDNADQYPEILRER.G	27
PLOG-10830	proteomics_log	3721785	3721850	-	4	5	R.FMGEPEFTIDNADQYPEILRER.G	26
PLOG-10831	proteomics_log	3721791	3721850	-	4	7	R.FM*GEPEFTIDNADQYPEILR.E	25
PLOG-10832	proteomics_log	3721791	3721850	-	4	69	R.FMGEPEFTIDNADQYPEILR.E	24
PLOG-10833	proteomics_log	3721869	3721907	-	4	5	K.VIPATILGIQSDR.V	17
PLOG-10834	proteomics_log	3721869	3721922	-	4	8	L.LLGDKVIPATILGIQSDR.V	22
PLOG-10835	proteomics_log	3721869	3721973	-	4	96	R.WGASDVHFVRPVHTVTLGDKVIPATILGIQSDR.V	39
PLOG-10836	proteomics_log	3721908	3721973	-	4	36	R.WGASDVHFVRPVHTVTLGDK.V	26
PLOG-10837	proteomics_log	3721983	3722036	-	4	4	E.ALLPNMVATSLAKLPIPK.L	22
PLOG-10838	proteomics_log	3721983	3722063	-	4	5	R.AHVKGESTEALLPNM*VATSLAKLPIPK.L	32
PLOG-10839	proteomics_log	3721983	3722063	-	4	171	R.AHVKGESTEALLPNMVATSLAKLPIPK.L	31
PLOG-10840	proteomics_log	3721998	3722063	-	4	2	R.AHVKGESTEALLPNM*VATSLAK.L	27
PLOG-10841	proteomics_log	3721998	3722063	-	4	27	R.AHVKGESTEALLPNMVATSLAK.L	26
PLOG-10842	proteomics_log	3722064	3722099	-	4	33	R.LTTDKGEWLLYR.A	16
PLOG-10843	proteomics_log	3722133	3722201	-	4	4	R.GPAIAQAFDAEGKPSKAAEGWAR.G	27
PLOG-10844	proteomics_log	3722133	3722204	-	4	7	K.RGPAIAQAFDAEGKPSKAAEGWAR.G	28
PLOG-10845	proteomics_log	3722154	3722201	-	4	5	R.GPAIAQAFDAEGKPSK.A	20
PLOG-10846	proteomics_log	3722154	3722204	-	4	6	K.RGPAIAQAFDAEGKPSK.A	21
PLOG-10847	proteomics_log	3722202	3722249	-	4	2	K.VANLAEAQPDREIEKR.G	20
PLOG-10848	proteomics_log	3722205	3722249	-	4	44	K.VANLAEAQPDREIEK.R	19
PLOG-10849	proteomics_log	3722205	3722264	-	4	33	R.RLALKVANLAEAQPDREIEK.R	24
PLOG-10850	proteomics_log	3722262	3722357	-	4	3	R.SLAESFAANFTAELDNAGLAHGTVQWFAAPRR.L	36
PLOG-10851	proteomics_log	3722265	3722357	-	4	186	R.SLAESFAANFTAELDNAGLAHGTVQWFAAPR.R	35

PLOG-10852	proteomics_log	3722358	3722417	-	4	76	M.SEKTLVEIGTEELPPKALR.S	24
PLOG-10853	proteomics_log	3722469	3722498	-	4	17	K.AVAEAYYASR.E	14
PLOG-10854	proteomics_log	3722469	3722516	-	4	3	R.IRTLTKAVAEAYYASR.E	20
PLOG-10855	proteomics_log	3722535	3722558	-	4	12	R.KAISVTER.Q	12
PLOG-10856	proteomics_log	3722556	3722600	-	4	3	R.ILKAAHSFNLLDARK.A	19
PLOG-10857	proteomics_log	3722559	3722591	-	4	2	K.AAHSFNLLDAR.K	15
PLOG-10858	proteomics_log	3722559	3722600	-	4	12	R.ILKAAHSFNLLDAR.K	18
PLOG-10859	proteomics_log	3722766	3722834	-	4	8	R.LAMYIQGVDSVYDLVWSDGPLGK.T	27
PLOG-10860	proteomics_log	3723153	3723200	-	4	3	R.ELGPEPMAAAYVQPSR.R	20
PLOG-10861	proteomics_log	3723276	3723320	-	4	34	R.TFQGLILTLQDYWAR.Q	19
PLOG-10862	proteomics_log	3726486	3726527	-	4	5	S.VM*LSAASCLDWAAK.L	19
PLOG-10863	proteomics_log	3753275	3753325	-	6	11	R.VFQEEIFGPVLAVTTFK.T	21
PLOG-10864	proteomics_log	3753434	3753529	-	6	7	R.SGNPLDSVTQMGAQVSHGQLETILNYIDIGKK.E	36
PLOG-10865	proteomics_log	3756493	3756543	-	5	10	R.MALPMEDEALVLLIEK.M	21
PLOG-10866	proteomics_log	3756631	3756723	-	5	2	R.QLNGEGMRELLQPPGYIQAGYSLLNAPVAAR.W	35
PLOG-10867	proteomics_log	3756724	3756759	-	5	4	R.GAVNLADFARW.Q	16
PLOG-10868	proteomics_log	3756760	3756801	-	5	3	R.AQSDADALSVHLER.G	18
PLOG-10869	proteomics_log	3756802	3756843	-	5	2	K.RKPEYLQWLASLAR.A	18
PLOG-10870	proteomics_log	3756898	3756996	-	5	6	R.VSLLLEDNLAELVFDTPPLWLADNDRLVLRDISAR.N	37
PLOG-10871	proteomics_log	3756913	3756996	-	5	57	R.VSLLLEDNLAELVFDTPPLWLADNDRLVLR.D	32
PLOG-10872	proteomics_log	3756925	3756996	-	5	4	R.VSLLLEDNLAELVFDTPPLWLADNDR.L	28
PLOG-10873	proteomics_log	3757177	3757227	-	5	10	R.ALHAQNQPTETANAGQR.I	21
PLOG-10874	proteomics_log	3758256	3758306	-	4	2	R.ALRADKMTLAALEATLR.L	21
PLOG-10875	proteomics_log	3759652	3759705	-	5	15	R.KIEALADGIMDAGLVSVR.E	22
PLOG-10876	proteomics_log	3759913	3759939	-	5	7	R.KLSILLLEK.G	13
PLOG-10877	proteomics_log	3759940	3759978	-	5	4	G.MKLVGSYTSPPFVR.K	17
PLOG-10878	proteomics_log	3761875	3761901	-	5	2	P.RGAPPSSAR.S	13
PLOG-10879	proteomics_log	3761875	3761901	-	5	2	P.RGAPPSSAR.S	13
PLOG-10880	proteomics_log	3762831	3762881	-	4	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10881	proteomics_log	3762831	3762881	-	4	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10882	proteomics_log	3762831	3762881	-	4	2	R.CGGVNAGQPAGGAVAVT.P	21
PLOG-10883	proteomics_log	3770747	3770860	-	6	2	R.IFAGSTKIDASGMSWTTMKLTPAASILDRASTIGPMP.R	42
PLOG-10884	proteomics_log	3775704	3775799	-	4	2	R.AETETDDQHLQTLVRGYRKNRRANDVKLPGFH.R	36
PLOG-10885	proteomics_log	3777444	3777524	-	4	3	E.NERPLVRRYPGLHLALLQSKAESFLCR.Q	31
PLOG-10886	proteomics_log	3779860	3779928	-	5	3	K.IGAGSVVLQVPPHTTAAGVPAR.I	27
PLOG-10887	proteomics_log	3779938	3779964	-	5	4	K.ILGNIEVGR.G	13
PLOG-10888	proteomics_log	3780025	3780129	-	5	2	R.GIMLDHATGIVVGETAVIENDVSILQSVTLGGTGK.S	39
PLOG-10889	proteomics_log	3781100	3781150	-	6	2	R.VYSNPDFIGVQLGGAVK.N	21
PLOG-10890	proteomics_log	3781406	3781453	-	6	2	R.NILVVVPSHVFGEVLR.Q	20
PLOG-10891	proteomics_log	3781687	3781791	-	5	16	R.GTFPQLNLAPVNFDAFM*NYLQQQAGEGTEEHQDA.-	40
PLOG-10892	proteomics_log	3781687	3781791	-	5	238	R.GTFPQLNLAPVNFDAFMNYLQQQAGEGTEEHQDA.-	39
PLOG-10893	proteomics_log	3781969	3782028	-	5	95	K.LDLDTASSQLADDVYEVVLR.V	24
PLOG-10894	proteomics_log	3782029	3782094	-	5	9	K.DISFEAPNAPHVFQKDWQPEVK.L	26
PLOG-10895	proteomics_log	3782029	3782106	-	5	15	R.IYTKDISFEAPNAPHVFQKDWQPEVK.L	30
PLOG-10896	proteomics_log	3782050	3782094	-	5	17	K.DISFEAPNAPHVFQK.D	19
PLOG-10897	proteomics_log	3782050	3782106	-	5	25	R.IYTKDISFEAPNAPHVFQK.D	23

PLOG-10898	proteomics_log	3782238	3782315	-	4	5	R.TTVPQIFIDAQHIGGCCDDLYALDARG.G	30
PLOG-10899	proteomics_log	3782238	3782324	-	4	10	R.SGRRTTVPQIFIDAQHIGGCCDDLYALDARG.G	33
PLOG-10900	proteomics_log	3782241	3782267	-	4	3	C.DDLYALDAR.G	13
PLOG-10901	proteomics_log	3782241	3782315	-	4	9	R.TTVPQIFIDAQHIGGCCDDLYALDAR.G	29
PLOG-10902	proteomics_log	3782241	3782324	-	4	9	R.SGRRTTVPQIFIDAQHIGGCCDDLYALDAR.G	32
PLOG-10903	proteomics_log	3782325	3782390	-	4	2	K.GVSFQELPIDGNAAKREEM*IKR.S	27
PLOG-10904	proteomics_log	3782325	3782390	-	4	3	K.GVSFQELPIDGNAAKREEMIKR.S	26
PLOG-10905	proteomics_log	3782325	3782408	-	4	6	K.ALLSSKGVSFQELPIDGNAAKREEM*IKR.S	33
PLOG-10906	proteomics_log	3782325	3782408	-	4	8	K.ALLSSKGVSFQELPIDGNAAKREEMIKR.S	32
PLOG-10907	proteomics_log	3782346	3782390	-	4	13	K.GVSFQELPIDGNAAK.R	19
PLOG-10908	proteomics_log	3782415	3782462	-	4	8	M.ANVEIYTKETCPYCHR.A	20
PLOG-10909	proteomics_log	3782439	3782462	-	4	8	M.ANVEIYTK.E	12
PLOG-10910	proteomics_log	3782610	3782690	-	4	3	K.AGFAQVFLKEGVAGWAGENLPLVRGK.-	31
PLOG-10911	proteomics_log	3782616	3782660	-	4	5	K.EGVAGWAGENLPLVR.G	19
PLOG-10912	proteomics_log	3782616	3782690	-	4	9	K.AGFAQVFLKEGVAGWAGENLPLVR.G	29
PLOG-10913	proteomics_log	3782661	3782690	-	4	13	K.AGFAQVFLK.E	14
PLOG-10914	proteomics_log	3783860	3783928	-	6	2	R.PGTRPAPESAGHKLFLRDPNGYR.G	27
PLOG-10915	proteomics_log	3787373	3787426	-	6	2	H.RQGNKLNLYQRHYIKITR.L	22
PLOG-10916	proteomics_log	3789804	3789842	-	4	2	K.ALGGASGGYTAAR.K	17
PLOG-10917	proteomics_log	3789906	3789953	-	4	3	V.M*VDDSHAVGFVGENGR.G	21
PLOG-10918	proteomics_log	3802882	3802941	-	5	2	K.DDIIIINDSVVNKGINKQIL.K	24
PLOG-10919	proteomics_log	3806991	3807023	-	4	3	S.RALAITSGILR.L	15
PLOG-10920	proteomics_log	3809276	3809308	-	6	48	R.QHVIYKEAKIK.-	15
PLOG-10921	proteomics_log	3809282	3809308	-	6	48	R.QHVIYKEAK.I	13
PLOG-10922	proteomics_log	3809282	3809329	-	6	3	K.KFDPVVRQHVIYKEAK.I	20
PLOG-10923	proteomics_log	3809291	3809308	-	6	3	R.QHVIYK.E	10
PLOG-10924	proteomics_log	3809309	3809329	-	6	4	K.KFDPVVR.Q	11
PLOG-10925	proteomics_log	3809309	3809356	-	6	112	R.TKPEKLELKKFDPVVR.Q	20
PLOG-10926	proteomics_log	3809309	3809359	-	6	3	K.RTKPEKLELKKFDPVVR.Q	21
PLOG-10927	proteomics_log	3809327	3809356	-	6	8	R.TKPEKLELKK.F	14
PLOG-10928	proteomics_log	3809330	3809356	-	6	6	R.TKPEKLELKK.K	13
PLOG-10929	proteomics_log	3809330	3809359	-	6	15	K.RTKPEKLELKK.K	14
PLOG-10930	proteomics_log	3809357	3809410	-	6	21	K.LVSSAGTGHFYTTTKNKR.T	22
PLOG-10931	proteomics_log	3809357	3809416	-	6	97	K.IKLVSSAGTGHFYTTTKNKR.T	24
PLOG-10932	proteomics_log	3809366	3809410	-	6	219	K.LVSSAGTGHFYTTTK.N	19
PLOG-10933	proteomics_log	3809366	3809416	-	6	349	K.IKLVSSAGTGHFYTTTK.N	21
PLOG-10934	proteomics_log	3809366	3809422	-	6	38	R.EKIKLVSSAGTGHFYTTTK.N	23
PLOG-10935	proteomics_log	3809464	3809511	-	5	4	K.GIDTVLAELRARGEKY.-	20
PLOG-10936	proteomics_log	3809464	3809526	-	5	22	R.VIDKKGIDTVLAELRARGEKY.-	25
PLOG-10937	proteomics_log	3809476	3809511	-	5	150	K.GIDTVLAELRAR.G	16
PLOG-10938	proteomics_log	3809476	3809526	-	5	146	R.VIDKKGIDTVLAELRAR.G	21
PLOG-10939	proteomics_log	3809476	3809535	-	5	19	K.GMRVIDKKGIDTVLAELRAR.G	24
PLOG-10940	proteomics_log	3809482	3809511	-	5	377	K.GIDTVLAELR.A	14
PLOG-10941	proteomics_log	3809482	3809514	-	5	32	K.KGIDTVLAELR.A	15
PLOG-10942	proteomics_log	3809482	3809517	-	5	36	D.KKGIDTVLAELR.A	16
PLOG-10943	proteomics_log	3809482	3809526	-	5	443	R.VIDKKGIDTVLAELR.A	19

PLOG-10944	proteomics_log	3809482	3809535	-	5	3	K.GM*RVIDKKGIDTVLAELR.A	23
PLOG-10945	proteomics_log	3809482	3809535	-	5	45	K.GMRVIDKKGIDTVLAELR.A	22
PLOG-10946	proteomics_log	3809536	3809562	-	5	100	R.FVTLRVSAK.G	13
PLOG-10947	proteomics_log	3809548	3809613	-	5	8	R.FLPNLHSHRFWVESEKRFVTLR.V	26
PLOG-10948	proteomics_log	3809548	3809616	-	5	2	R.RFLPNLHSHRFWVESEKRFVTLR.V	27
PLOG-10949	proteomics_log	3809563	3809586	-	5	103	R.FWVESEKR.F	12
PLOG-10950	proteomics_log	3809563	3809613	-	5	27	R.FLPNLHSHRFWVESEKR.F	21
PLOG-10951	proteomics_log	3809566	3809616	-	5	6	R.RFLPNLHSHRFWVESEK.R	21
PLOG-10952	proteomics_log	3809587	3809607	-	5	4	L.PNLHSHR.F	11
PLOG-10953	proteomics_log	3809587	3809613	-	5	66	R.FLPNLHSHR.F	13
PLOG-10954	proteomics_log	3809587	3809616	-	5	127	R.RFLPNLHSHR.F	14
PLOG-10955	proteomics_log	3809587	3809619	-	5	4	K.RRFLPNLHSHR.F	15
PLOG-10956	proteomics_log	3809614	3809643	-	5	96	R.SHALNATKRR.F	14
PLOG-10957	proteomics_log	3809617	3809643	-	5	58	R.SHALNATKR.R	13
PLOG-10958	proteomics_log	3809617	3809667	-	5	3	K.RPVTGNNRSHALNATKR.R	21
PLOG-10959	proteomics_log	3809620	3809643	-	5	121	R.SHALNATK.R	12
PLOG-10960	proteomics_log	3809644	3809667	-	5	4	K.RPVTGNNR.S	12
PLOG-10961	proteomics_log	3809644	3809679	-	5	7	Q.VTGKRPVTGNNR.S	16
PLOG-10962	proteomics_log	3809644	3809682	-	5	5	C.QVTGKRPVTGNNR.S	17
PLOG-10963	proteomics_log	3809644	3809694	-	5	3	M.SRVCQVTGKRPVTGNNR.S	21
PLOG-10964	proteomics_log	3813177	3813260	-	4	3	K.VISIITLKDLIAYLEEKPEMAEHLAAVK.A	32
PLOG-10965	proteomics_log	3813363	3813434	-	4	3	R.VM*LVDDVITAGTAIRESM*EIIQAN.G	30
PLOG-10966	proteomics_log	3813985	3814035	-	5	2	E.DSAAETDMNVVM*TEDGR.I	22
PLOG-10967	proteomics_log	3814519	3814554	-	5	2	R.SNNQVRPVTLTR.N	16
PLOG-10968	proteomics_log	3821620	3821730	-	5	2	K.RLRQRVRLAVNACAHAGM*TDIGMHCISEVDGRCTGRQ.L	42
PLOG-10969	proteomics_log	3835882	3835956	-	5	3	H.ADTTENTKEDGIKNLQFQLNRRSRR.H	29
PLOG-10970	proteomics_log	3837201	3837242	-	4	2	K.AAETIFNGGAVPGW.-	18
PLOG-10971	proteomics_log	3837243	3837311	-	4	7	R.EDNKNAENVKEFLQSYQSPEVAK.A	27
PLOG-10972	proteomics_log	3837447	3837488	-	4	5	R.HLQIM*ELEGAQLPR.V	19
PLOG-10973	proteomics_log	3837447	3837488	-	4	109	R.HLQIMELEGAQLPR.V	18
PLOG-10974	proteomics_log	3837447	3837530	-	4	22	K.GLLPTALDITDNPRHLQIMELEGAQLPR.V	32
PLOG-10975	proteomics_log	3837489	3837530	-	4	13	K.GLLPTALDITDNPR.H	18
PLOG-10976	proteomics_log	3837489	3837554	-	4	7	K.LITLKEGKGLLPTALDITDNPR.H	26
PLOG-10977	proteomics_log	3837531	3837554	-	4	2	K.LITLKEGK.G	12
PLOG-10978	proteomics_log	3837531	3837581	-	4	7	R.ALLLLQKEKLITLKEGK.G	21
PLOG-10979	proteomics_log	3837555	3837581	-	4	41	R.ALLLLQKEK.L	13
PLOG-10980	proteomics_log	3837582	3837629	-	4	4	K.EGATVAIPNDPTNLGR.A	20
PLOG-10981	proteomics_log	3837582	3837647	-	4	4	K.TVAQIKEGATVAIPNDPTNLGR.A	26
PLOG-10982	proteomics_log	3837582	3837656	-	4	2	K.KIKTVAQIKEGATVAIPNDPTNLGR.A	29
PLOG-10983	proteomics_log	3837657	3837707	-	4	23	K.LVAVGNTFVFPAGYSK.K	21
PLOG-10984	proteomics_log	3848639	3848707	-	6	2	R.SGFAQLLGLPDLQVVAEFGSGR.E	27
PLOG-10985	proteomics_log	3848708	3848749	-	6	7	T.MITVALIDDHLIVR.S	18
PLOG-10986	proteomics_log	3848711	3848752	-	6	2	K.TMITVALIDDHLIVR	18
PLOG-10987	proteomics_log	3848828	3848875	-	6	29	R.NQSDPTMFNKIAVFFQ.-	20
PLOG-10988	proteomics_log	3848846	3848875	-	6	4	R.NQSDPTM*FNK.I	15
PLOG-10989	proteomics_log	3848846	3848875	-	6	15	R.NQSDPTMFNK.I	14

PLOG-10990	proteomics_log	3848876	3848932	-	6	20	R.LEQMISQIDKLEDVVKVQR.N	23
PLOG-10991	proteomics_log	3848885	3848932	-	6	10	R.LEQMISQIDKLEDVVK.V	20
PLOG-10992	proteomics_log	3848885	3848968	-	6	4	K.SHIWLLVNDQRLQEQMISQIDKLEDVVK.V	32
PLOG-10993	proteomics_log	3849068	3849115	-	6	87	A.MQNTTHDNVILELTVR.N	20
PLOG-10994	proteomics_log	3849122	3849190	-	6	2	R.IDAEKVYPM*VPPGAANTEMVGE.-	28
PLOG-10995	proteomics_log	3849122	3849190	-	6	2	R.IDAEKVYPM*VPPGAANTEM*VGE.-	29
PLOG-10996	proteomics_log	3849497	3849583	-	6	8	R.QWLTSGLGTMGFGLPAAIGAALANPDRK.V	33
PLOG-10997	proteomics_log	3849743	3849778	-	6	10	R.AEWHQLVADLQR.E	16
PLOG-10998	proteomics_log	3849779	3849862	-	6	9	K.IKQPHVAIQADVDDVLAQLIPLVEAQPR.A	32
PLOG-10999	proteomics_log	3849779	3849877	-	6	3	R.AELGKIKQPHVAIQADVDDVLAQLIPLVEAQPR.A	37
PLOG-11000	proteomics_log	3849953	3850006	-	6	67	R.STNYILQEADLLIVLGR.F	22
PLOG-11001	proteomics_log	3850007	3850051	-	6	3	K.AHPLSLGM*LGM*HGVR.S	21
PLOG-11002	proteomics_log	3850007	3850051	-	6	18	K.AHPLSLGMLGMHGVR.S	19
PLOG-11003	proteomics_log	3850052	3850102	-	6	77	K.AQLPTTMTLMALGMLPK.A	21
PLOG-11004	proteomics_log	3850052	3850123	-	6	6	R.VRELAEKAQLPTTMTLMALGMLPK.A	28
PLOG-11005	proteomics_log	3850124	3850171	-	6	9	K.RPVLYLGGGVINAPAR.V	20
PLOG-11006	proteomics_log	3850124	3850237	-	6	2	K.AAAPAFSEESIRDAAAMINAARKRPVLYLGGGVINAPAR.V	42
PLOG-11007	proteomics_log	3850172	3850237	-	6	4	K.AAAPAFSEESIRDAAAMINAARK.R	26
PLOG-11008	proteomics_log	3850238	3850339	-	6	37	R.IAQSGRPGPVWIDIPKDVQTAVFEIETQPAMA EK.A	38
PLOG-11009	proteomics_log	3850340	3850381	-	6	47	R.HIEELPQVMSDAFR.I	18
PLOG-11010	proteomics_log	3850592	3850633	-	6	6	R.HEQGAGFIAQGM*AR.T	19
PLOG-11011	proteomics_log	3850592	3850633	-	6	45	R.HEQGAGFIAQGMAR.T	18
PLOG-11012	proteomics_log	3850649	3850720	-	6	24	K.IVTGIPGGSILPVYDALSQSTQIR.H	28
PLOG-11013	proteomics_log	3850649	3850771	-	6	2	R.FTGAEFIVHFLEQQGIKIVTGIPGGSILPVYDALSQSTQIR.H	45
PLOG-11014	proteomics_log	3850721	3850771	-	6	94	R.FTGAEFIVHFLEQQGIK.I	21
PLOG-11015	proteomics_log	3850721	3850774	-	6	3	K.RFTGAEFIVHFLEQQGIK.I	22
PLOG-11016	proteomics_log	3850721	3850777	-	6	7	R.KRFTGAEFIVHFLEQQGIK.I	23
PLOG-11017	proteomics_log	3857231	3857272	-	6	2	K.MLDPLVLVLPGLIA.F	18
PLOG-11018	proteomics_log	3857510	3857587	-	6	3	R.AMAVADSINGIGLVIGGLMVPVFGLI.A	30
PLOG-11019	proteomics_log	3865077	3865121	-	4	27	R.GANLVNGLLYIDLER.V	19
PLOG-11020	proteomics_log	3865122	3865154	-	4	38	R.KFQLAENIHVR.G	15
PLOG-11021	proteomics_log	3865167	3865196	-	4	11	R.TYLYQGIAER.N	14
PLOG-11022	proteomics_log	3865413	3865445	-	4	29	I.MRNFDLSPLYR.S	15
PLOG-11023	proteomics_log	3868165	3868215	-	5	11	F.TNQKGVVLTADKILPAR.G	21
PLOG-11024	proteomics_log	3871900	3871956	-	5	4	R.KTLPM*PSQLALS SVLIRPP.Y	24
PLOG-11025	proteomics_log	3874166	3874216	-	6	2	K.SNLEDGVAF AIEKYVLN.-	21
PLOG-11026	proteomics_log	3874178	3874216	-	6	6	K.SNLEDGVAF AIEK.Y	17
PLOG-11027	proteomics_log	3874394	3874429	-	6	8	K.SAPYFLEILDKR.V	16
PLOG-11028	proteomics_log	3874397	3874429	-	6	2	K.SAPYFLEILDK.R	15
PLOG-11029	proteomics_log	3874469	3874516	-	6	56	K.VMMIDEPAILDQAIAR.I	20
PLOG-11030	proteomics_log	3874694	3874747	-	6	2	K.AADGSTVAQTALS YDDYR.F	22
PLOG-11031	proteomics_log	3874699	3874788	-	5	3	R.ATTALLITARWYRRPLMVAPWRKLLSAMTT.I	34
PLOG-11032	proteomics_log	3874877	3874972	-	6	16	M.AIKLIAIDMDGTLLL PDHTISPAVKNAIAAAR.A	36
PLOG-11033	proteomics_log	3874898	3874963	-	6	10	K.LIAIDMDGTLLL PDHTISPAVK.N	26
PLOG-11034	proteomics_log	3874898	3874972	-	6	7	M.AIKLIAIDMDGTLLL PDHTISPAVK.N	29
PLOG-11035	proteomics_log	3875749	3875778	-	5	100	R.RAFIEENALK.A	14

PLOG-11036	proteomics_log	3875779	3875838	-	5	11	K.DAIAADQLFTTLMGDAVEPR.R	24
PLOG-11037	proteomics_log	3875779	3875838	-	5	11	K.DAIAADQLFTTLM*GDAVEPR.R	25
PLOG-11038	proteomics_log	3875779	3875850	-	5	40	R.VTVKDAIAADQLFTTLMGDAVEPR.R	28
PLOG-11039	proteomics_log	3875779	3875859	-	5	47	R.MLRVTVKDAIAADQLFTTLMGDAVEPR.R	31
PLOG-11040	proteomics_log	3875779	3875862	-	5	6	R.RMLRVTVKDAIAADQLFTTLMGDAVEPR.R	32
PLOG-11041	proteomics_log	3875860	3875928	-	5	3	R.YKGLGEMNPEQLWETTMDPESRR.M	27
PLOG-11042	proteomics_log	3875863	3875928	-	5	2	R.YKGLGEMNPEQLWETTMDPESR.R	26
PLOG-11043	proteomics_log	3875950	3876006	-	5	123	R.RQPVASFEQALDWLVKESR.R	23
PLOG-11044	proteomics_log	3875959	3876006	-	5	12	R.RQPVASFEQALDWLVK.E	20
PLOG-11045	proteomics_log	3876016	3876048	-	5	26	R.GLLEEDAFIER.G	15
PLOG-11046	proteomics_log	3876076	3876141	-	5	2	R.THGVDTDYPLDHEFITGGEYRR.I	26
PLOG-11047	proteomics_log	3876076	3876147	-	5	4	R.VRTHGVDTDYPLDHEFITGGEYRR.I	28
PLOG-11048	proteomics_log	3876148	3876198	-	5	2	K.FDVHTNAEQNLFEPIVR.V	21
PLOG-11049	proteomics_log	3876259	3876321	-	5	3	K.ELIYQPTLTEADLSDEQTVTR.W	25
PLOG-11050	proteomics_log	3876259	3876333	-	5	19	K.AMLKELIYQPTLTEADLSDEQTVTR.W	29
PLOG-11051	proteomics_log	3876367	3876396	-	5	7	K.LVSEYNATQK.M	14
PLOG-11052	proteomics_log	3876529	3876570	-	5	3	R.GHVYIAQPPLYKVK.K	18
PLOG-11053	proteomics_log	3877003	3877035	-	5	10	K.IVVGKIIDAAR.A	15
PLOG-11054	proteomics_log	3877021	3877104	-	5	9	K.SAVEQQMNELLAEYLLNPTDAKIVVGK.I	32
PLOG-11055	proteomics_log	3877036	3877104	-	5	34	K.SAVEQQMNELLAEYLLNPTDAK.I	27
PLOG-11056	proteomics_log	3877105	3877149	-	5	5	K.FSSQTKDKLVSSSEVK.S	19
PLOG-11057	proteomics_log	3877231	3877269	-	5	2	R.TLNAYMDKEGYSK.K	17
PLOG-11058	proteomics_log	3877285	3877314	-	5	2	R.DGGTHLAGFR.A	14
PLOG-11059	proteomics_log	3877531	3877566	-	5	5	R.ELSFLNSGVSIR.L	16
PLOG-11060	proteomics_log	3877531	3877572	-	5	4	R.LRELSFLNSGVSIR.L	18
PLOG-11061	proteomics_log	3877576	3877638	-	5	2	R.FWPSLETFTNVTEFEYEILAK.R	25
PLOG-11062	proteomics_log	3877834	3877914	-	5	19	R.GIPTGIHPPEGVSAAEVIMTVLHAGGK.F	31
PLOG-11063	proteomics_log	3878101	3878139	-	5	11	M.SNSYDSSSIKVLK.G	17
PLOG-11064	proteomics_log	3879472	3879498	-	5	2	R.LYVSENQLK.I	13
PLOG-11065	proteomics_log	3879640	3879672	-	5	2	R.AHVGDFIFTSK.L	15
PLOG-11066	proteomics_log	3879730	3879753	-	5	2	R.KGVIELMR.M	12
PLOG-11067	proteomics_log	3879841	3879888	-	5	3	R.YYLNGLFETEGEELR.T	20
PLOG-11068	proteomics_log	3879934	3880029	-	5	2	R.FSLSTLPAADFPNLDDWQSEVEFTLPQATMKR.L	36
PLOG-11069	proteomics_log	3879937	3880029	-	5	2	R.FSLSTLPAADFPNLDDWQSEVEFTLPQATMK.R	35
PLOG-11070	proteomics_log	3880057	3880104	-	5	3	R.GLPEGAEIAVQLEGER.M	20
PLOG-11071	proteomics_log	3880102	3880176	-	5	2	R.VALVQPHEPGATTVPARKFFDICRG.L	29
PLOG-11072	proteomics_log	3880126	3880176	-	5	5	R.VALVQPHEPGATTVPAR.K	21
PLOG-11073	proteomics_log	3880364	3880426	-	6	6	R.KIEQLREESHDIKEDFSNLIR.T	25
PLOG-11074	proteomics_log	3880610	3880696	-	6	2	R.AITIDFVREALRDLLALQEKLVTIDNIQK.T	33
PLOG-11075	proteomics_log	3881018	3881071	-	6	2	R.SVDALLIDDIQFFANKER.S	22
PLOG-11076	proteomics_log	3881318	3881365	-	6	2	R.SNVNVKHTFDNFVEGK.S	20
PLOG-11077	proteomics_log	3887949	3888023	-	4	3	A.RGMVKRSSSAGHGSCLPVFGSRPNR.K	29
PLOG-11078	proteomics_log	3889080	3889139	-	4	23	T.AKLENTSRQNSIMPCCLVPR.N	24
PLOG-11079	proteomics_log	3894582	3894629	-	4	2	M.SHQHTTQTSGQGM*LER.V	21
PLOG-11080	proteomics_log	3904048	3904071	-	5	2	V.AGVTQLMR.E	12
PLOG-11081	proteomics_log	3906120	3906188	-	4	5	R.AEGEILLDGDNIILNSQDIALLR.A	27

PLOG-11082	proteomics_log	3906803	3906880	-	6	7	K.WKM*ISAITLKASVSGIM*TGILLAIAR.I	32
PLOG-11083	proteomics_log	3908266	3908349	-	5	8	K.LAALIVLLMLGGIIVSLIISWPSIQKF.G	32
PLOG-11084	proteomics_log	3908559	3908615	-	4	12	K.QANDLDYASLPDSVVEQVR.A	23
PLOG-11085	proteomics_log	3908787	3908849	-	4	21	K.LISADGKPVSPTEENFANAAG.G	25
PLOG-11086	proteomics_log	3908874	3908915	-	4	3	R.LPGAIGYVEYAYAK.Q	18
PLOG-11087	proteomics_log	3909420	3909473	-	4	75	A.EASLTGAGATFPAPVYAK.W	22
PLOG-11088	proteomics_log	3910360	3910425	-	5	3	R.LKGLDASIEHDIVHGLQALPSR.I	26
PLOG-11089	proteomics_log	3910600	3910698	-	5	12	F.RYRKSAVRRNSLMITLSQSGETADTLAQLRLSK.E	37
PLOG-11090	proteomics_log	3910879	3910941	-	5	3	R.HYM*QKEIYEQPNAIKNTLTGR.I	26
PLOG-11091	proteomics_log	3910879	3910941	-	5	3	R.HYM*QKEIYEQPNAIKNTLTGR.I	25
PLOG-11092	proteomics_log	3910999	3911037	-	5	2	R.SVNIFDKTGAEVK.R	17
PLOG-11093	proteomics_log	3910999	3911040	-	5	2	R.RSVNIFDKTGAEVK.R	18
PLOG-11094	proteomics_log	3911038	3911085	-	5	35	R.RFIFLEEGDIAEITRR.S	20
PLOG-11095	proteomics_log	3911041	3911082	-	5	10	R.FIFLEEGDIAEITR.R	18
PLOG-11096	proteomics_log	3911083	3911169	-	5	42	R.SGSPLVIGLGMGENFIASDQLALLPVTRR.F	33
PLOG-11097	proteomics_log	3911086	3911169	-	5	3	R.SGSPLVIGLGMGENFIASDQLALLPVTR.R	32
PLOG-11098	proteomics_log	3911170	3911229	-	5	58	R.GAYGTVIMDSRHPDTLLAAR.S	24
PLOG-11099	proteomics_log	3911248	3911346	-	5	3	R.GYTFVSETDTEVIAHLVNWELKQGGTLREAVLR.A	37
PLOG-11100	proteomics_log	3911263	3911346	-	5	32	R.GYTFVSETDTEVIAHLVNWELKQGGTLR.E	32
PLOG-11101	proteomics_log	3911281	3911346	-	5	2	R.GYTFVSETDTEVIAHLVNWELK.Q	26
PLOG-11102	proteomics_log	3911470	3911538	-	5	9	K.VQMLAQAAEEHPLHGTTGIAHTR.W	27
PLOG-11103	proteomics_log	3911470	3911538	-	5	9	K.VQM*LAQAAEEHPLHGTTGIAHTR.W	28
PLOG-11104	proteomics_log	3911470	3911547	-	5	3	R.LGKVQM*LAQAAEEHPLHGTTGIAHTR.W	31
PLOG-11105	proteomics_log	3911470	3911547	-	5	4	R.LGKVQMLAQAAEEHPLHGTTGIAHTR.W	30
PLOG-11106	proteomics_log	3911557	3911610	-	5	6	R.GYDSAGLAVVDAEGHMTR.L	22
PLOG-11107	proteomics_log	3911557	3911622	-	5	4	R.LEYRGYDSAGLAVVDAEGHMTR.L	26
PLOG-11108	proteomics_log	3911623	3911658	-	5	5	R.DVAEILLEGLRR.L	16
PLOG-11109	proteomics_log	3911626	3911658	-	5	58	R.DVAEILLEGLR.R	15
PLOG-11110	proteomics_log	3911904	3911936	-	4	20	R.NVGENALAISSR.V	15
PLOG-11111	proteomics_log	3911937	3912041	-	4	2	K.TIIGDDVFGSDTQLVAPVTVGKGATIAAGTTVTR.N	39
PLOG-11112	proteomics_log	3911973	3912041	-	4	8	K.TIIGDDVFGSDTQLVAPVTVGK.G	27
PLOG-11113	proteomics_log	3912162	3912230	-	4	3	R.LRPGAELLEGAHVGNFVEMKKAR.L	27
PLOG-11114	proteomics_log	3912168	3912230	-	4	2	R.LRPGAELLEGAHVGNFVEMKK.A	25
PLOG-11115	proteomics_log	3912168	3912230	-	4	2	R.LRPGAELLEGAHVGNFVEM*KK.A	26
PLOG-11116	proteomics_log	3912171	3912230	-	4	3	R.LRPGAELLEGAHVGNFVEM*K.K	25
PLOG-11117	proteomics_log	3912171	3912230	-	4	103	R.LRPGAELLEGAHVGNFVEMK.K	24
PLOG-11118	proteomics_log	3912486	3912512	-	4	11	R.VYQSEQAEK.L	13
PLOG-11119	proteomics_log	3912537	3912566	-	4	11	R.LSEVEGVNNR.L	14
PLOG-11120	proteomics_log	3912801	3912827	-	4	2	K.LDDPTGYGR.I	13
PLOG-11121	proteomics_log	3912801	3912875	-	4	6	R.LRDAKPQGGIGLLTVKLLDPTGYGR.I	29
PLOG-11122	proteomics_log	3912828	3912875	-	4	4	R.LRDAKPQGGIGLLTVK.L	20
PLOG-11123	proteomics_log	3913035	3913124	-	4	4	K.AMVQHVIDAANELGAAHVHLVYGHGGDLLK.Q	34
PLOG-11124	proteomics_log	3913170	3913223	-	4	30	R.MLNNAMSVVILAAGKTR.M	22
PLOG-11125	proteomics_log	3913179	3913223	-	4	5	R.MLNNAMSVVILAAGK.G	19
PLOG-11126	proteomics_log	3913579	3913623	-	5	2	K.AIAQLRVIELTKKAM.-	19
PLOG-11127	proteomics_log	3913588	3913623	-	5	2	K.AIAQLRVIELTK.K	16

PLOG-11128	proteomics_log	3913606	3913695	-	5	5	R.KAEHHISSSHGDVDYAQASAELAKIAQLR.V	34
PLOG-11129	proteomics_log	3913624	3913692	-	5	16	K.AEEHHISSSHGDVDYAQASAELAK.A	27
PLOG-11130	proteomics_log	3913624	3913695	-	5	30	R.KAEHHISSSHGDVDYAQASAELAK.A	28
PLOG-11131	proteomics_log	3913624	3913698	-	5	11	K.RKAEHHISSSHGDVDYAQASAELAK.A	29
PLOG-11132	proteomics_log	3913714	3913737	-	5	3	R.GQDLDEAR.A	12
PLOG-11133	proteomics_log	3913840	3913926	-	5	16	K.IQVTGSEGELGIYPGHAPLLTAIKPGM*IR.I	34
PLOG-11134	proteomics_log	3913840	3913926	-	5	233	K.IQVTGSEGELGIYPGHAPLLTAIKPGMIR.I	33
PLOG-11135	proteomics_log	3913927	3913971	-	5	7	D.VVSAEQQMFSGLVEK.I	19
PLOG-11136	proteomics_log	3913927	3913992	-	5	8	M.AM*TYHLDVVSAEQQM*FSGLVEK.I	28
PLOG-11137	proteomics_log	3913927	3913992	-	5	14	M.AM*TYHLDVVSAEQQMFSGLVEK.I	27
PLOG-11138	proteomics_log	3913927	3913992	-	5	247	M.AMTYHLDVVSAEQQMFSGLVEK.I	26
PLOG-11139	proteomics_log	3914019	3914111	-	4	4	K.GIM*EGEYDHLPEQAFYMGVGSIEEAVEKAKKL.-	36
PLOG-11140	proteomics_log	3914019	3914111	-	4	77	K.GIMEGEYDHLPEQAFYMGVGSIEEAVEKAKKL.-	35
PLOG-11141	proteomics_log	3914019	3914120	-	4	45	R.GFKGIMEGEYDHLPEQAFYMGVGSIEEAVEKAKKL.-	38
PLOG-11142	proteomics_log	3914025	3914111	-	4	16	K.GIM*EGEYDHLPEQAFYMGVGSIEEAVEKAK.K	34
PLOG-11143	proteomics_log	3914025	3914111	-	4	204	K.GIMEGEYDHLPEQAFYMGVGSIEEAVEKAK.K	33
PLOG-11144	proteomics_log	3914025	3914120	-	4	5	R.GFKGIM*EGEYDHLPEQAFYMGVGSIEEAVEKAK.K	37
PLOG-11145	proteomics_log	3914025	3914120	-	4	210	R.GFKGIMEGEYDHLPEQAFYMGVGSIEEAVEKAK.K	36
PLOG-11146	proteomics_log	3914031	3914111	-	4	2	K.GIMEGEYDHLPEQAFYM*VGSIEEAVEK.A	32
PLOG-11147	proteomics_log	3914031	3914111	-	4	2	K.GIM*EGEYDHLPEQAFYM*VGSIEEAVEK.A	33
PLOG-11148	proteomics_log	3914031	3914111	-	4	36	K.GIM*EGEYDHLPEQAFYMGVGSIEEAVEK.A	32
PLOG-11149	proteomics_log	3914031	3914111	-	4	212	K.GIMEGEYDHLPEQAFYMGVGSIEEAVEK.A	31
PLOG-11150	proteomics_log	3914031	3914120	-	4	13	R.GFKGIM*EGEYDHLPEQAFYMGVGSIEEAVEK.A	35
PLOG-11151	proteomics_log	3914031	3914120	-	4	236	R.GFKGIMEGEYDHLPEQAFYMGVGSIEEAVEK.A	34
PLOG-11152	proteomics_log	3914031	3914120	-	4	13	R.GFKGIM*EGEYDHLPEQAFYM*VGSIEEAVEK.A	36
PLOG-11153	proteomics_log	3914031	3914150	-	4	7	G.KYVSLKDTIRGFKGIMEGEYDHLPEQAFYMGVGSIEEAVEK.A	44
PLOG-11154	proteomics_log	3914112	3914201	-	4	95	R.FLSQPFFVAEVFTGSPGKYVSLKDTIRGFK.G	34
PLOG-11155	proteomics_log	3914121	3914147	-	4	4	K.YVSLKDTIR.G	13
PLOG-11156	proteomics_log	3914121	3914201	-	4	167	R.FLSQPFFVAEVFTGSPGKYVSLKDTIR.G	31
PLOG-11157	proteomics_log	3914148	3914201	-	4	272	R.FLSQPFFVAEVFTGSPGK.Y	22
PLOG-11158	proteomics_log	3914148	3914225	-	4	45	V.ARARKIQRFLSQPFFVAEVFTGSPGK.Y	30
PLOG-11159	proteomics_log	3914214	3914297	-	4	57	R.YQELKDIIAILGMDELSEEDKLVVARAR.K	32
PLOG-11160	proteomics_log	3914220	3914273	-	4	6	I.AILGM*DELSEEDKLVVAR.A	23
PLOG-11161	proteomics_log	3914220	3914273	-	4	8	I.AILGMDELSEEDKLVVAR.A	22
PLOG-11162	proteomics_log	3914220	3914282	-	4	3	K.DIIAILGMDELSEEDKLVVAR.A	25
PLOG-11163	proteomics_log	3914220	3914288	-	4	2	E.LKDIIAILGM*DELSEEDKLVVAR.A	28
PLOG-11164	proteomics_log	3914220	3914297	-	4	87	R.YQELKDIIAILGM*DELSEEDKLVVAR.A	31
PLOG-11165	proteomics_log	3914220	3914297	-	4	509	R.YQELKDIIAILGMDELSEEDKLVVAR.A	30
PLOG-11166	proteomics_log	3914220	3914321	-	4	16	R.GVQSILQRYQELKDIIAILGM*DELSEEDKLVVAR.A	39
PLOG-11167	proteomics_log	3914220	3914321	-	4	150	R.GVQSILQRYQELKDIIAILGMDELSEEDKLVVAR.A	38
PLOG-11168	proteomics_log	3914298	3914321	-	4	46	R.GVQSILQR.Y	12
PLOG-11169	proteomics_log	3914322	3914369	-	4	127	R.QLDPLVVGQEHYDTAR.G	20
PLOG-11170	proteomics_log	3914322	3914426	-	4	6	R.QIASLGIYPAVDPLDSTSRQLDPLVVGQEHYDTAR.G	39
PLOG-11171	proteomics_log	3914370	3914402	-	4	2	Y.PAVDPLDSTSR.Q	15
PLOG-11172	proteomics_log	3914370	3914423	-	4	3	Q.IASLGIYPAVDPLDSTSR.Q	22
PLOG-11173	proteomics_log	3914370	3914426	-	4	459	R.QIASLGIYPAVDPLDSTSR.Q	23

PLOG-11174	proteomics_log	3914427	3914537	-	4	99	K.TGSITSVQAVYVPADDLTDSPATTF AHL DATVVLSR.Q	41
PLOG-11175	proteomics_log	3914427	3914552	-	4	2	R.ITSTKTGSITSVQAVYVPADDLTDSPATTF AHL DATVVLSR.Q	46
PLOG-11176	proteomics_log	3914553	3914615	-	4	2	R.MPSAVGYQPTLAEEM*GVLQER.I	26
PLOG-11177	proteomics_log	3914553	3914615	-	4	2	R.M*PSAVGYQPTLAEEM*GVLQER.I	27
PLOG-11178	proteomics_log	3914553	3914615	-	4	6	R.M*PSAVGYQPTLAEEMGVLQER.I	26
PLOG-11179	proteomics_log	3914553	3914615	-	4	247	R.MPSAVGYQPTLAEEMGVLQER.I	25
PLOG-11180	proteomics_log	3914553	3914657	-	4	2	R.YTLAGTEVSALLGRM*PSAVGYQPTLAEEMGVLQER.I	40
PLOG-11181	proteomics_log	3914553	3914657	-	4	138	R.YTLAGTEVSALLGRMPSAVGYQPTLAEEMGVLQER.I	39
PLOG-11182	proteomics_log	3914616	3914657	-	4	211	R.YTLAGTEVSALLGR.M	18
PLOG-11183	proteomics_log	3914616	3914708	-	4	23	K.FRDEGRDVLLFVDNIYRYTLAGTEVSALLGR.M	35
PLOG-11184	proteomics_log	3914616	3914741	-	4	15	R.VALTGLTMAEKFRDEGRDVLLFVDNIYRYTLAGTEVSALLGR.M	46
PLOG-11185	proteomics_log	3914658	3914690	-	4	32	R.DVLLFVDNIYR.Y	15
PLOG-11186	proteomics_log	3914658	3914708	-	4	373	K.FRDEGRDVLLFVDNIYR.Y	21
PLOG-11187	proteomics_log	3914658	3914741	-	4	19	R.VALTGLTM*AEKFRDEGRDVLLFVDNIYR.Y	33
PLOG-11188	proteomics_log	3914658	3914741	-	4	123	R.VALTGLTMAEKFRDEGRDVLLFVDNIYR.Y	32
PLOG-11189	proteomics_log	3914709	3914741	-	4	14	R.VALTGLTM*AEK.F	16
PLOG-11190	proteomics_log	3914709	3914741	-	4	136	R.VALTGLTMAEK.F	15
PLOG-11191	proteomics_log	3914709	3914747	-	4	17	R.LRVALTGLTMAEK.F	17
PLOG-11192	proteomics_log	3914718	3914741	-	4	4	R.VALTGLTM*.A	13
PLOG-11193	proteomics_log	3914742	3914843	-	4	7	R.EGNDFYHEMTDSNVIDKVS LVYGMNEPPGNRLR.V	38
PLOG-11194	proteomics_log	3914742	3914849	-	4	4	R.TREGNDFYHEM*TDSNVIDKVS LVYGMNEPPGNRLR.V	41
PLOG-11195	proteomics_log	3914742	3914849	-	4	5	R.TREGNDFYHEMTDSNVIDKVS LVYGMNEPPGNRLR.V	40
PLOG-11196	proteomics_log	3914748	3914843	-	4	23	R.EGNDFYHEMTDSNVIDKVS LVYGMNEPPGNR.L	36
PLOG-11197	proteomics_log	3914748	3914849	-	4	12	R.TREGNDFYHEMTDSNVIDKVS LVYGMNEPPGNR.L	38
PLOG-11198	proteomics_log	3914850	3914903	-	4	360	R.NIAIEHSGYSVFAGVGER.T	22
PLOG-11199	proteomics_log	3914850	3914930	-	4	6	K.TVNMELIRNIAIEHSGYSVFAGVGER.T	31
PLOG-11200	proteomics_log	3914904	3914930	-	4	2	K.TVNM*M*ELIR.N	15
PLOG-11201	proteomics_log	3914904	3914930	-	4	4	K.TVNM*MELIR.N	14
PLOG-11202	proteomics_log	3914904	3914930	-	4	220	K.TVNMELIR.N	13
PLOG-11203	proteomics_log	3914904	3914963	-	4	254	K.VGLFGGAGVGKTVNMELIR.N	24
PLOG-11204	proteomics_log	3914904	3914972	-	4	6	K.GGKVGLFGGAGVGKTVNM*M*ELIR.N	29
PLOG-11205	proteomics_log	3914904	3914972	-	4	172	K.GGKVGLFGGAGVGKTVNMELIR.N	27
PLOG-11206	proteomics_log	3914931	3914963	-	4	189	K.VGLFGGAGVGK.T	15
PLOG-11207	proteomics_log	3914931	3914972	-	4	147	K.GGKVGLFGGAGVGK.T	18
PLOG-11208	proteomics_log	3914964	3915062	-	4	6	R.AAPSYEELSNSQELLETTG I KVIDLMCPFAKGK.V	37
PLOG-11209	proteomics_log	3914970	3915002	-	4	12	K.VIDL M C P F A K . G	15
PLOG-11210	proteomics_log	3914970	3915062	-	4	54	R.AAPSYEELSNSQELLETTG I KVIDLM*CPFAK.G	36
PLOG-11211	proteomics_log	3914970	3915062	-	4	399	R.AAPSYEELSNSQELLETTG I KVIDLMCPFAK.G	35
PLOG-11212	proteomics_log	3914973	3915002	-	4	2	K.VIDL M C P F A K . G	14
PLOG-11213	proteomics_log	3914973	3915062	-	4	14	R.AAPSYEELSNSQELLETTG I KVIDLMCPFAK.G	34
PLOG-11214	proteomics_log	3915003	3915062	-	4	180	R.AAPSYEELSNSQELLETTG I K . V	24
PLOG-11215	proteomics_log	3915063	3915137	-	4	2	R.IM*NVLGEPVDMKGEIGEEERWAIHR.A	30
PLOG-11216	proteomics_log	3915063	3915137	-	4	2	R.IM*NVLGEPVDM*KGEIGEEERWAIHR.A	31
PLOG-11217	proteomics_log	3915063	3915137	-	4	6	R.IMNVLGEPVDM*KGEIGEEERWAIHR.A	30
PLOG-11218	proteomics_log	3915063	3915137	-	4	155	R.IMNVLGEPVDMKGEIGEEERWAIHR.A	29
PLOG-11219	proteomics_log	3915078	3915137	-	4	6	R.IM*NVLGEPVDMKGEIGEEER.W	25

PLOG-11220	proteomics_log	3915078	3915137	-	4	6	R.IM*NVLGEPVDM*KGEIGEEER.W	26
PLOG-11221	proteomics_log	3915078	3915137	-	4	14	R.IMNVLGEPVDM*KGEIGEEER.W	25
PLOG-11222	proteomics_log	3915078	3915137	-	4	319	R.IMNVLGEPVDMKGEIGEEER.W	24
PLOG-11223	proteomics_log	3915078	3915170	-	4	53	I.EVPVGKATLGRIM*NVLGEPVDMKGEIGEEER.W	36
PLOG-11224	proteomics_log	3915102	3915137	-	4	55	R.IMNVLGEPVDMK.G	16
PLOG-11225	proteomics_log	3915138	3915188	-	4	24	K.DLEHPIEVPVGKATLGR.I	21
PLOG-11226	proteomics_log	3915138	3915203	-	4	246	R.GLDVKDLEHPIEVPVGKATLGR.I	26
PLOG-11227	proteomics_log	3915138	3915206	-	4	55	R.RGLDVKDLEHPIEVPVGKATLGR.I	27
PLOG-11228	proteomics_log	3915138	3915239	-	4	6	R.TIAMGSSDGLRRGLDVKDLEHPIEVPVGKATLGR.I	38
PLOG-11229	proteomics_log	3915138	3915239	-	4	6	R.TIAM*GSSDGLRRGLDVKDLEHPIEVPVGKATLGR.I	39
PLOG-11230	proteomics_log	3915153	3915188	-	4	57	K.DLEHPIEVPVGK.A	16
PLOG-11231	proteomics_log	3915153	3915203	-	4	467	R.GLDVKDLEHPIEVPVGK.A	21
PLOG-11232	proteomics_log	3915153	3915206	-	4	43	R.RGLDVKDLEHPIEVPVGK.A	22
PLOG-11233	proteomics_log	3915153	3915239	-	4	5	R.TIAM*GSSDGLRRGLDVKDLEHPIEVPVGK.A	34
PLOG-11234	proteomics_log	3915153	3915239	-	4	84	R.TIAMGSSDGLRRGLDVKDLEHPIEVPVGK.A	33
PLOG-11235	proteomics_log	3915207	3915239	-	4	32	R.TIAMGSSDGLR.R	15
PLOG-11236	proteomics_log	3915240	3915284	-	4	756	R.LVLEVQQQLGGGIVR.T	19
PLOG-11237	proteomics_log	3915240	3915296	-	4	4	N.GNERLVLEVQQQLGGGIVR.T	23
PLOG-11238	proteomics_log	3915240	3915323	-	4	120	R.VYDALEVQNGNERLVLEVQQQLGGGIVR.T	32
PLOG-11239	proteomics_log	3915285	3915323	-	4	301	R.VYDALEVQNGNER.L	17
PLOG-11240	proteomics_log	3915285	3915395	-	4	50	M.ATGKIVQVIGAVVDVEFPQDAVPRVYDALEVQNGNER.L	41
PLOG-11241	proteomics_log	3915324	3915383	-	4	248	K.IVQVIGAVVDVEFPQDAVPR.V	24
PLOG-11242	proteomics_log	3915324	3915395	-	4	314	M.ATGKIVQVIGAVVDVEFPQDAVPR.V	28
PLOG-11243	proteomics_log	3915428	3915481	-	6	153	R.QASITQELTEIVSGAAAV.-	22
PLOG-11244	proteomics_log	3915428	3915487	-	6	5	K.ARQASITQELTEIVSGAAAV.-	24
PLOG-11245	proteomics_log	3915482	3915544	-	6	102	K.AATDNGGSLIKELQLVYNKAR.Q	25
PLOG-11246	proteomics_log	3915482	3915559	-	6	58	R.MVAMKAATDNGGSLIKELQLVYNKAR.Q	30
PLOG-11247	proteomics_log	3915488	3915544	-	6	151	K.AATDNGGSLIKELQLVYNK.A	23
PLOG-11248	proteomics_log	3915488	3915559	-	6	60	R.MVAMKAATDNGGSLIKELQLVYNK.A	28
PLOG-11249	proteomics_log	3915497	3915544	-	6	44	K.AATDNGGSLIKELQLV.Y	20
PLOG-11250	proteomics_log	3915560	3915622	-	6	99	R.YVESQVYQGVVENLASEQAAR.M	25
PLOG-11251	proteomics_log	3915560	3915625	-	6	64	R.RYVESQVYQGVVENLASEQAAR.M	26
PLOG-11252	proteomics_log	3915560	3915649	-	6	4	K.ALLDTLLRRYVESQVYQGVVENLASEQAAR.M	34
PLOG-11253	proteomics_log	3915623	3915649	-	6	17	K.ALLDTLLRR.Y	13
PLOG-11254	proteomics_log	3915623	3915682	-	6	6	K.SWDYLYEPDPKALLDTLLRR.Y	24
PLOG-11255	proteomics_log	3915626	3915649	-	6	40	K.ALLDTLLR.R	12
PLOG-11256	proteomics_log	3915626	3915682	-	6	3	K.SWDYLYEPDPKALLDTLLR.R	23
PLOG-11257	proteomics_log	3915650	3915682	-	6	20	K.SWDYLYEPDPK.A	15
PLOG-11258	proteomics_log	3915683	3915766	-	6	10	K.FINTMSQVPTISQLLPLPASDDDDLKHK.S	32
PLOG-11259	proteomics_log	3915767	3915826	-	6	4	K.VMLQAYDEGRDLKLYIVSNK.F	24
PLOG-11260	proteomics_log	3915827	3915925	-	6	12	K.GVSFFNSVGGNVVAQVTGMGDNPSLSELIGPVK.V	37
PLOG-11261	proteomics_log	3916034	3916063	-	6	5	R.VGYLVVSTDR.G	14
PLOG-11262	proteomics_log	3916136	3916174	-	6	20	R.MAASRPYAETMRK.V	17
PLOG-11263	proteomics_log	3916139	3916174	-	6	177	R.MAASRPYAETMRK	16
PLOG-11264	proteomics_log	3916196	3916222	-	6	10	K.AM*EMVAASK.M	14
PLOG-11265	proteomics_log	3916196	3916222	-	6	13	K.AMEM*VAASK.M	14

PLOG-11266	proteomics_log	3916196	3916222	-	6	10	K.AM*EM*VAASK.M	15
PLOG-11267	proteomics_log	3916196	3916222	-	6	199	K.AMEMVAASK.M	13
PLOG-11268	proteomics_log	3916196	3916258	-	6	23	K.IASVQNTQKITKAMEMVAASK.M	25
PLOG-11269	proteomics_log	3916196	3916264	-	6	16	R.SKIASVQNTQKITKAMEMVAASK.M	27
PLOG-11270	proteomics_log	3916223	3916258	-	6	139	K.IASVQNTQKITK.A	16
PLOG-11271	proteomics_log	3916223	3916264	-	6	199	R.SKIASVQNTQKITK.A	18
PLOG-11272	proteomics_log	3916223	3916285	-	6	7	M.AGAKEIRSKIASVQNTQKITK.A	25
PLOG-11273	proteomics_log	3916232	3916255	-	6	2	I.ASVQNTQK.I	12
PLOG-11274	proteomics_log	3916232	3916258	-	6	24	K.IASVQNTQK.I	13
PLOG-11275	proteomics_log	3916232	3916264	-	6	113	R.SKIASVQNTQK.I	15
PLOG-11276	proteomics_log	3916259	3916285	-	6	13	M.AGAKEIRSK.I	13
PLOG-11277	proteomics_log	3916342	3916377	-	5	64	K.GILDSFKATQSW.-	16
PLOG-11278	proteomics_log	3916342	3916383	-	5	57	K.LKGILDSFKATQSW.-	18
PLOG-11279	proteomics_log	3916357	3916383	-	5	21	K.LKGILDSFK.A	13
PLOG-11280	proteomics_log	3916378	3916491	-	5	2	K.IGSFEAALLAYVDRDHAPLM*QEINQTTGGYNDEIEGK.LK.G	43
PLOG-11281	proteomics_log	3916378	3916491	-	5	6	K.IGSFEAALLAYVDRDHAPLMQEINQTTGGYNDEIEGK.LK.G	42
PLOG-11282	proteomics_log	3916384	3916491	-	5	4	K.IGSFEAALLAYVDRDHAPLM*QEINQTTGGYNDEIEGK.L	41
PLOG-11283	proteomics_log	3916384	3916491	-	5	55	K.IGSFEAALLAYVDRDHAPLMQEINQTTGGYNDEIEGK.L	40
PLOG-11284	proteomics_log	3916450	3916491	-	5	12	K.IGSFEAALLAYVDR.D	18
PLOG-11285	proteomics_log	3916492	3916521	-	5	90	R.GYLADVLSK.I	14
PLOG-11286	proteomics_log	3916522	3916560	-	5	2	S.VAQQLVLFVFAAER.G	17
PLOG-11287	proteomics_log	3916522	3916578	-	5	8	K.QYAPM*SVAQQSLVLFVFAAER.G	24
PLOG-11288	proteomics_log	3916522	3916578	-	5	270	K.QYAPMSVAQQSLVLFVFAAER.G	23
PLOG-11289	proteomics_log	3916522	3916584	-	5	3	K.QKQYAPM*SVAQQSLVLFVFAAER.G	26
PLOG-11290	proteomics_log	3916522	3916584	-	5	40	K.QKQYAPMSVAQQSLVLFVFAAER.G	25
PLOG-11291	proteomics_log	3916579	3916602	-	5	11	K.VTELLKQK.Q	12
PLOG-11292	proteomics_log	3916579	3916626	-	5	93	R.KQLDHGQKVTELLKQK.Q	20
PLOG-11293	proteomics_log	3916579	3916698	-	5	6	R.TALAQYRELAAFSQFASDLDDATRQQLDHGQKVTELLKQK.Q	44
PLOG-11294	proteomics_log	3916585	3916623	-	5	11	K.QLDHGQKVTELLK.Q	17
PLOG-11295	proteomics_log	3916585	3916626	-	5	17	R.KQLDHGQKVTELLK.Q	18
PLOG-11296	proteomics_log	3916585	3916677	-	5	15	R.ELAAFSQFASDLDDATRQQLDHGQKVTELLK.Q	35
PLOG-11297	proteomics_log	3916585	3916698	-	5	14	R.TALAQYRELAAFSQFASDLDDATRQQLDHGQKVTELLK.Q	42
PLOG-11298	proteomics_log	3916603	3916626	-	5	2	R.KQLDHGQK.V	12
PLOG-11299	proteomics_log	3916603	3916677	-	5	5	R.ELAAFSQFASDLDDATRQQLDHGQK.V	29
PLOG-11300	proteomics_log	3916603	3916698	-	5	5	R.TALAQYRELAAFSQFASDLDDATRQQLDHGQK.V	36
PLOG-11301	proteomics_log	3916624	3916677	-	5	50	R.ELAAFSQFASDLDDATRQK.Q	22
PLOG-11302	proteomics_log	3916624	3916698	-	5	151	R.TALAQYRELAAFSQFASDLDDATRQK.Q	29
PLOG-11303	proteomics_log	3916624	3916716	-	5	2	K.LSGGIRTALAQYRELAAFSQFASDLDDATRQK.Q	35
PLOG-11304	proteomics_log	3916627	3916677	-	5	184	R.ELAAFSQFASDLDDATR.K	21
PLOG-11305	proteomics_log	3916627	3916698	-	5	175	R.TALAQYRELAAFSQFASDLDDATR.K	28
PLOG-11306	proteomics_log	3916627	3916716	-	5	26	K.LSGGIRTALAQYRELAAFSQFASDLDDATR.K	34
PLOG-11307	proteomics_log	3916627	3916719	-	5	9	K.KLSGGIRTALAQYRELAAFSQFASDLDDATR.K	35
PLOG-11308	proteomics_log	3916678	3916698	-	5	6	R.TALAQYR.E	11
PLOG-11309	proteomics_log	3916699	3916728	-	5	9	K.IMKKLSGGIR.T	14
PLOG-11310	proteomics_log	3916699	3916752	-	5	4	R.VGGAAQTKIMKKLSGGIR.T	22
PLOG-11311	proteomics_log	3916717	3916752	-	5	8	R.VGGAAQTKIM*KK.L	17

PLOG-11312	proteomics_log	3916717	3916752	-	5	89	R.VGGAAQTKIMKK.L	16
PLOG-11313	proteomics_log	3916720	3916752	-	5	4	R.VGGAAQTKIM*K.K	16
PLOG-11314	proteomics_log	3916720	3916752	-	5	20	R.VGGAAQTKIMK.K	15
PLOG-11315	proteomics_log	3916753	3916842	-	5	2	I.SITDGQIFLETNLFNAGIRPAVNPGISVSR.V	34
PLOG-11316	proteomics_log	3916753	3916857	-	5	2	V.PTNVISITDGQIFLETNLFNAGIRPAVNPGISVSR.V	39
PLOG-11317	proteomics_log	3916921	3916971	-	5	99	R.VNAEYVEAFTKGEVKGK.T	21
PLOG-11318	proteomics_log	3916921	3916980	-	5	114	R.AARVNAEYVEAFTKGEVKGK.T	24
PLOG-11319	proteomics_log	3916927	3916971	-	5	96	R.VNAEYVEAFTKGEVK.G	19
PLOG-11320	proteomics_log	3916927	3916980	-	5	43	R.AARVNAEYVEAFTKGEVK.G	22
PLOG-11321	proteomics_log	3916939	3916971	-	5	57	R.VNAEYVEAFTK.G	15
PLOG-11322	proteomics_log	3916993	3917031	-	5	12	R.EAFP GDVFYLHSR.L	17
PLOG-11323	proteomics_log	3916993	3917046	-	5	28	R.RPPGREAFP GDVFYLHSR.L	22
PLOG-11324	proteomics_log	3916993	3917067	-	5	2	R.QISLLLRPPGREAFP GDVFYLHSR.L	29
PLOG-11325	proteomics_log	3917047	3917130	-	5	16	R.DRGEDALIIYDDL SKQAVAYRQISLLLR.R	32
PLOG-11326	proteomics_log	3917068	3917130	-	5	104	R.DRGEDALIIYDDL SKQAVAYR.Q	25
PLOG-11327	proteomics_log	3917086	3917124	-	5	8	R.GEDALIIYDDL SK.Q	17
PLOG-11328	proteomics_log	3917086	3917130	-	5	64	R.DRGEDALIIYDDL SK.Q	19
PLOG-11329	proteomics_log	3917248	3917277	-	5	3	K.ASTISNVVRK.L	14
PLOG-11330	proteomics_log	3917251	3917277	-	5	40	K.ASTISNVVR.K	13
PLOG-11331	proteomics_log	3917251	3917319	-	5	2	R.DSGIKCIYVAIGQKASTISNVVR.K	27
PLOG-11332	proteomics_log	3917305	3917388	-	5	6	R.ELIIGDRQTGKTALAI DAIIINQR.DSGIK.C	32
PLOG-11333	proteomics_log	3917320	3917355	-	5	230	K.TALAI DAIIINQR.D	16
PLOG-11334	proteomics_log	3917320	3917367	-	5	65	R.QTGKTALAI DAIIINQR.D	20
PLOG-11335	proteomics_log	3917320	3917388	-	5	119	R.ELIIGDRQTGKTALAI DAIIINQR.D	27
PLOG-11336	proteomics_log	3917320	3917397	-	5	6	R.GQRELIIGDRQTGKTALAI DAIIINQR.D	30
PLOG-11337	proteomics_log	3917356	3917388	-	5	135	R.ELIIGDRQTGK.T	15
PLOG-11338	proteomics_log	3917356	3917397	-	5	3	R.GQRELIIGDRQTGK.T	18
PLOG-11339	proteomics_log	3917368	3917397	-	5	31	R.GQRELIIGDR.Q	14
PLOG-11340	proteomics_log	3917389	3917463	-	5	2	R.QSVDQPVQTYGKAVDSMIPIGRQR.E	29
PLOG-11341	proteomics_log	3917398	3917427	-	5	11	K.AVDSM*PIPIGR.G	15
PLOG-11342	proteomics_log	3917398	3917427	-	5	159	K.AVDSMIPIGR.G	14
PLOG-11343	proteomics_log	3917398	3917463	-	5	2	R.QSVDQPVQTYGKAVDSM*PIPIGR.G	27
PLOG-11344	proteomics_log	3917398	3917463	-	5	119	R.QSVDQPVQTYGKAVDSMIPIGR.G	26
PLOG-11345	proteomics_log	3917428	3917463	-	5	113	R.QSVDQPVQTYGK.A	16
PLOG-11346	proteomics_log	3917428	3917562	-	5	3	R.VVNTLGAPIDGKGPLDHDGFS AVEAIAPGVIERQSVDQPVQTYGK.A	49
PLOG-11347	proteomics_log	3917464	3917526	-	5	48	K.GPLDHDGFS AVEAIAPGVIER.Q	25
PLOG-11348	proteomics_log	3917464	3917532	-	5	30	D.GKGPLDHDGFS AVEAIAPGVIER.Q	27
PLOG-11349	proteomics_log	3917464	3917562	-	5	326	R.VVNTLGAPIDGKGPLDHDGFS AVEAIAPGVIER.Q	37
PLOG-11350	proteomics_log	3917464	3917577	-	5	150	R.GLLGRVVNTLGAPIDGKGPLDHDGFS AVEAIAPGVIER.Q	42
PLOG-11351	proteomics_log	3917527	3917562	-	5	37	R.VVNTLGAPIDGK.G	16
PLOG-11352	proteomics_log	3917578	3917601	-	5	42	R.ILEV PVGR.G	12
PLOG-11353	proteomics_log	3917614	3917676	-	5	82	R.DSVGAVVMGPYADLAEGMKVK.C	25
PLOG-11354	proteomics_log	3917614	3917703	-	5	154	R.YAIALNLERDSVGAVVMGPYADLAEGMKVK.C	34
PLOG-11355	proteomics_log	3917620	3917676	-	5	4	R.DSVGAVVM*GPYADLAEGMK.V	24
PLOG-11356	proteomics_log	3917620	3917676	-	5	4	R.DSVGAVVM*GPYADLAEGM*K.V	25
PLOG-11357	proteomics_log	3917620	3917676	-	5	52	R.DSVGAVVMGPYADLAEGMK.V	23

PLOG-11358	proteomics_log	3917620	3917703	-	5	16	R.YAIALNLERDSVGAVVMGPYADLAEGMK.V	32
PLOG-11359	proteomics_log	3917677	3917703	-	5	167	R.YAIALNLER.D	13
PLOG-11360	proteomics_log	3917677	3917760	-	5	7	R.IHGLADCMQGEMISLPGNRYAIALNLER.D	32
PLOG-11361	proteomics_log	3917761	3917835	-	5	345	R.IAQFNVVSEAHNEGTVSVSDGVIR.I	29
PLOG-11362	proteomics_log	3917836	3917874	-	5	2	Q.LNSTEISELIKQR.I	17
PLOG-11363	proteomics_log	3917836	3917880	-	5	65	S.M*QLNSTEISELIKQR.I	20
PLOG-11364	proteomics_log	3917836	3917880	-	5	256	S.MQLNSTEISELIKQR.I	19
PLOG-11365	proteomics_log	3917842	3917880	-	5	97	S.M*QLNSTEISELIK.Q	18
PLOG-11366	proteomics_log	3917842	3917880	-	5	162	S.MQLNSTEISELIK.Q	17
PLOG-11367	proteomics_log	3917932	3917964	-	5	31	R.AGDM*VIDGSVR.G	16
PLOG-11368	proteomics_log	3917932	3917964	-	5	32	R.AGDMVIDGSVR.G	15
PLOG-11369	proteomics_log	3917965	3917991	-	5	26	K.SVMAGVIIR.A	13
PLOG-11370	proteomics_log	3917965	3918000	-	5	59	K.IDKSVMAGVIIR.A	16
PLOG-11371	proteomics_log	3918019	3918120	-	5	2	V.SEATAEVDVISAAALSEQQLAKISAAM*EKRLSRK.V	39
PLOG-11372	proteomics_log	3918022	3918126	-	5	2	R.AVSEATAEVDVISAAALSEQQLAKISAAMEKRLSR.K	39
PLOG-11373	proteomics_log	3918031	3918054	-	5	45	K.ISAAMEKR.L	12
PLOG-11374	proteomics_log	3918031	3918126	-	5	102	R.AVSEATAEVDVISAAALSEQQLAKISAAMEKR.L	36
PLOG-11375	proteomics_log	3918034	3918054	-	5	9	K.ISAAMEK.R	11
PLOG-11376	proteomics_log	3918034	3918126	-	5	112	R.AVSEATAEVDVISAAALSEQQLAKISAAMEK.R	35
PLOG-11377	proteomics_log	3918055	3918126	-	5	208	R.AVSEATAEVDVISAAALSEQQLAK.I	28
PLOG-11378	proteomics_log	3918127	3918159	-	5	5	L.PDVLEQFIHLR.A	15
PLOG-11379	proteomics_log	3918127	3918162	-	5	3	A.LPDVLEQFIHLR.A	16
PLOG-11380	proteomics_log	3918127	3918165	-	5	3	N.ALPDVLEQFIHLR.A	17
PLOG-11381	proteomics_log	3918127	3918171	-	5	247	R.LNALPDVLEQFIHLR.A	19
PLOG-11382	proteomics_log	3918127	3918192	-	5	67	R.VM*AENGRNLNALPDVLEQFIHLR.A	27
PLOG-11383	proteomics_log	3918127	3918192	-	5	280	R.VMAENGRNLNALPDVLEQFIHLR.A	26
PLOG-11384	proteomics_log	3918307	3918345	-	5	19	R.WQDMLAFAAEVTK.N	17
PLOG-11385	proteomics_log	3918346	3918387	-	5	163	K.AAFDFAVEHQSVR.W	18
PLOG-11386	proteomics_log	3918388	3918423	-	5	177	M.SEFITVARPYAK.A	16
PLOG-11387	proteomics_log	3918444	3918497	-	4	238	R.SVDEAANSDIVDKLVAEL.-	22
PLOG-11388	proteomics_log	3918444	3918509	-	4	5	K.IIERSVDEAANSDIVDKLVAEL.-	26
PLOG-11389	proteomics_log	3918444	3918545	-	4	81	K.QVAILAVAGAEKIIERSVDEAANSDIVDKLVAEL.-	38
PLOG-11390	proteomics_log	3918444	3918548	-	4	40	R.KQVAILAVAGAEKIIERSVDEAANSDIVDKLVAEL.-	39
PLOG-11391	proteomics_log	3918459	3918497	-	4	37	R.SVDEAANSDIVDK.L	17
PLOG-11392	proteomics_log	3918498	3918545	-	4	92	K.QVAILAVAGAEKIIER.S	20
PLOG-11393	proteomics_log	3918498	3918548	-	4	112	R.KQVAILAVAGAEKIIER.S	21
PLOG-11394	proteomics_log	3918498	3918560	-	4	55	R.EELRKQVAILAVAGAEKIIER.S	25
PLOG-11395	proteomics_log	3918498	3918566	-	4	88	R.AREELRKQVAILAVAGAEKIIER.S	27
PLOG-11396	proteomics_log	3918510	3918545	-	4	88	K.QVAILAVAGAEK.I	16
PLOG-11397	proteomics_log	3918510	3918548	-	4	41	R.KQVAILAVAGAEK.I	17
PLOG-11398	proteomics_log	3918510	3918560	-	4	17	R.EELRKQVAILAVAGAEK.I	21
PLOG-11399	proteomics_log	3918510	3918566	-	4	7	R.AREELRKQVAILAVAGAEK.I	23
PLOG-11400	proteomics_log	3918567	3918611	-	4	2	K.IVAQAQAEIEAERKR.A	19
PLOG-11401	proteomics_log	3918567	3918617	-	4	2	R.TKIVAQAQAEIEAERKR.A	21
PLOG-11402	proteomics_log	3918567	3918662	-	4	7	R.SQILDEAKAEAEQERTKIVAQAQAEIEAERKR.A	36
PLOG-11403	proteomics_log	3918573	3918611	-	4	5	K.IVAQAQAEIEAER.K	17

PLOG-11404	proteomics_log	3918573	3918617	-	4	5	R.TKIVAQAQAEIEAER.K	19
PLOG-11405	proteomics_log	3918573	3918662	-	4	3	R.SQILDEAKAEAEQERTKIVAQAQAEIEAER.K	34
PLOG-11406	proteomics_log	3918612	3918662	-	4	97	R.SQILDEAKAEAEQERTK.I	21
PLOG-11407	proteomics_log	3918612	3918665	-	4	99	R.RSQILDEAKAEAEQERTK.I	22
PLOG-11408	proteomics_log	3918618	3918662	-	4	137	R.SQILDEAKAEAEQER.T	19
PLOG-11409	proteomics_log	3918618	3918665	-	4	15	R.RSQILDEAKAEAEQER.T	20
PLOG-11410	proteomics_log	3918663	3918704	-	4	24	K.AEAQVIIIEQANKRR.S	18
PLOG-11411	proteomics_log	3918663	3918710	-	4	6	K.AKAEAQVIIIEQANKRR.S	20
PLOG-11412	proteomics_log	3918666	3918704	-	4	27	K.AEAQVIIIEQANKR.R	17
PLOG-11413	proteomics_log	3918666	3918710	-	4	39	K.AKAEAQVIIIEQANKR.R	19
PLOG-11414	proteomics_log	3918666	3918737	-	4	11	K.ASATDQLKKAKAEAQVIIIEQANKR.R	28
PLOG-11415	proteomics_log	3918669	3918704	-	4	17	K.AEAQVIIIEQANK.R	16
PLOG-11416	proteomics_log	3918669	3918710	-	4	7	K.AKAEAQVIIIEQANK.R	18
PLOG-11417	proteomics_log	3918705	3918737	-	4	95	K.ASATDQLKKAK.A	15
PLOG-11418	proteomics_log	3918705	3918764	-	4	2	R.AHKDLDLAKASATDQLKKAK.A	24
PLOG-11419	proteomics_log	3918711	3918731	-	4	2	S.ATDQLKK.A	11
PLOG-11420	proteomics_log	3918711	3918737	-	4	38	K.ASATDQLKK.A	13
PLOG-11421	proteomics_log	3918711	3918764	-	4	19	R.AHKDLDLAKASATDQLKK.A	22
PLOG-11422	proteomics_log	3918714	3918749	-	4	2	L.DLAKASATDQLK.K	16
PLOG-11423	proteomics_log	3918714	3918764	-	4	2	R.AHKDLDLAKASATDQLK.K	21
PLOG-11424	proteomics_log	3918738	3918764	-	4	55	R.AHKDLDLAK.A	13
PLOG-11425	proteomics_log	3918765	3918803	-	4	3	R.QKEIADGLASAER.A	17
PLOG-11426	proteomics_log	3920003	3920071	-	6	2	M.ASENM*TPQDYIGHHLNQLDLR.T	28
PLOG-11427	proteomics_log	3920003	3920071	-	6	15	M.ASENMTPQDYIGHHLNQLDLR.T	27
PLOG-11428	proteomics_log	3921287	3921334	-	6	2	R.VEEFPSEPPFDGVISR.A	20
PLOG-11429	proteomics_log	3922016	3922090	-	6	2	K.LTTLTPFAPALTDEQAQVEIQVK.Y	29
PLOG-11430	proteomics_log	3922142	3922219	-	6	3	R.LKSTWVTPSAEAAAENVNAHLTAPLSR.E	30
PLOG-11431	proteomics_log	3922442	3922477	-	6	2	R.LSADKEGWAPAR.S	16
PLOG-11432	proteomics_log	3922604	3922651	-	6	2	K.IVRPGYAIEYDFDPR.D	20
PLOG-11433	proteomics_log	3923171	3923209	-	6	2	K.AVVLTVGTFLDGK.I	17
PLOG-11434	proteomics_log	3923216	3923329	-	6	2	R.TALENQPNLMIFQQAVEDLIVENDRVVAVTQMGLKFR.A	42
PLOG-11435	proteomics_log	3923222	3923329	-	6	6	R.TALENQPNLM*IFQQAVEDLIVENDRVVAVTQM*GLK.F	42
PLOG-11436	proteomics_log	3923222	3923329	-	6	75	R.TALENQPNLMIFQQAVEDLIVENDRVVAVTQMGLK.F	40
PLOG-11437	proteomics_log	3923378	3923410	-	6	6	R.ILNASKGPAVR.A	15
PLOG-11438	proteomics_log	3923411	3923440	-	6	28	K.AIDQAGIQFR.I	14
PLOG-11439	proteomics_log	3924038	3924112	-	6	32	K.INILDHDIPEDPAEEWLGSWVNLK.-	29
PLOG-11440	proteomics_log	3926135	3926155	-	6	6	R.DALANSS.W	11
PLOG-11441	proteomics_log	3928715	3928762	-	6	2	K.AGPAILNTLLTAINER.Q	20
PLOG-11442	proteomics_log	3939159	3939197	-	4	3	R.TAVREAVKTLTAK.G	17
PLOG-11443	proteomics_log	3939198	3939275	-	4	3	R.ILKGEYEPGTILPGEIELGEQFGVSR.T	30
PLOG-11444	proteomics_log	3939315	3939347	-	4	2	M.PLSAQQLAAQK.N	15
PLOG-11445	proteomics_log	3957729	3957788	-	4	11	K.LALDLLEQIKNGADFGKLAK.K	24
PLOG-11446	proteomics_log	3957729	3957809	-	4	3	H.ILVKEEKLALDLLEQIKNGADFGKLAK.K	31
PLOG-11447	proteomics_log	3957738	3957788	-	4	22	K.LALDLLEQIKNGADFGK.L	21
PLOG-11448	proteomics_log	3957738	3957809	-	4	5	H.ILVKEEKLALDLLEQIKNGADFGK.L	28
PLOG-11449	proteomics_log	3957738	3957833	-	4	4	M.AKTAALHILVKEEKLALDLLEQIKNGADFGK.L	36

PLOG-11450	proteomics_log	3957759	3957788	-	4	13	K.LALDLLEQIK.N	14
PLOG-11451	proteomics_log	3962700	3962768	-	4	5	R.LRILDEFTRGDLILDIVATDVAAR.G	27
PLOG-11452	proteomics_log	3962769	3962807	-	4	11	R.VGLLTGDVAQKKR.L	17
PLOG-11453	proteomics_log	3962775	3962807	-	4	3	R.VGLLTGDVAQK.K	15
PLOG-11454	proteomics_log	3962850	3962918	-	4	7	R.LLQTLIEEWPDRAIIFANTKHR.C	27
PLOG-11455	proteomics_log	3962856	3962918	-	4	3	R.LLQTLIEEWPDRAIIFANTK.H	25
PLOG-11456	proteomics_log	3962880	3962918	-	4	4	R.LLQTLIEEWPDR.A	17
PLOG-11457	proteomics_log	3963114	3963203	-	4	4	K.QNHINLGAIQVVVLDEADRMVLDLGFIKDIR.W	34
PLOG-11458	proteomics_log	3963414	3963476	-	4	17	K.TMAFLTSTFHLLSHPAIADR.K	25
PLOG-11459	proteomics_log	3963477	3963512	-	4	63	R.DVAGQAQTGTGK.T	16
PLOG-11460	proteomics_log	3963573	3963596	-	4	2	K.VVEALEKK.G	12
PLOG-11461	proteomics_log	3963624	3963650	-	4	30	M.SKTHLTEQK.F	13
PLOG-11462	proteomics_log	3967509	3967559	-	4	2	S.GAVSAISFTLSLTARVK.S	21
PLOG-11463	proteomics_log	3968885	3968965	-	6	2	L.GIDQNDIFHMPQNAIDRFSDVVRVEMHR.I	31
PLOG-11464	proteomics_log	3973361	3973408	-	6	2	K.GVARHDHFIARLDIEQ.Q	20
PLOG-11465	proteomics_log	3975935	3976000	-	6	2	R.FGKKAQIAAGGKYTADSLRQA.T	26
PLOG-11466	proteomics_log	3976126	3976152	-	5	12	R.KAAICSLR.S	13
PLOG-11467	proteomics_log	3980935	3980985	-	5	2	C.SMVAPCLKSSFNTLRK.S	21
PLOG-11468	proteomics_log	3984712	3984750	-	5	5	R.DGLMLTLQNNPPQ.-	17
PLOG-11469	proteomics_log	3984712	3984750	-	5	5	R.DGLM*LTQNNPPQ.-	18
PLOG-11470	proteomics_log	3984886	3984939	-	5	3	K.NVGDRPLLWSTLQSLMK.H	22
PLOG-11471	proteomics_log	3984961	3984993	-	5	4	R.LKTNPEQLEK.V	15
PLOG-11472	proteomics_log	3985234	3985260	-	5	20	K.AHVGDEEHR.A	13
PLOG-11473	proteomics_log	3985261	3985308	-	5	35	R.TGAWSSLLDIIPSMK.A	20
PLOG-11474	proteomics_log	3985309	3985332	-	5	2	R.LAEQAYIR.T	12
PLOG-11475	proteomics_log	3985429	3985476	-	5	15	R.AAELAGNDTIPVEITR.V	20
PLOG-11476	proteomics_log	3985911	3986003	-	4	12	R.NLLAQPAAGTTEAKPAPAPQADTPAAAPQGE.-	35
PLOG-11477	proteomics_log	3986025	3986114	-	4	2	K.AFLDEVQLSQQNISM*DLPETLQSQAMLEK.L	35
PLOG-11478	proteomics_log	3986025	3986114	-	4	2	K.AFLDEVQLSQQNISM*DLPETLQSQAM*LEK.L	35
PLOG-11479	proteomics_log	3986025	3986114	-	4	7	K.AFLDEVQLSQQNISM*DLPETLQSQAMLEK.L	34
PLOG-11480	proteomics_log	3986025	3986114	-	4	2	K.AFLDEVQLSQQNISM*DLPETLQSQAM*LEK.L	36
PLOG-11481	proteomics_log	3986115	3986147	-	4	4	R.AYYDTDDATK.A	15
PLOG-11482	proteomics_log	3986148	3986231	-	4	2	R.LLVAAQAVPRHQEETYRQALENVSTWVR.A	32
PLOG-11483	proteomics_log	3986202	3986231	-	4	68	R.LLVAAQAVPR.H	14
PLOG-11484	proteomics_log	3986250	3986300	-	4	5	R.DDTAVPLLAPNQDIYLR.E	21
PLOG-11485	proteomics_log	3986307	3986345	-	4	36	K.SWQNFMDNFITIR.R	17
PLOG-11486	proteomics_log	3986439	3986474	-	4	15	K.LNQLSNQVDNLR.L	16
PLOG-11487	proteomics_log	3986439	3986543	-	4	3	R.AITDDIASLSAVSQVDYDGIILKLNQLSNQVDNLR.L	39
PLOG-11488	proteomics_log	3986547	3986600	-	4	3	K.SADASLADMNDPSLITVR.R	22
PLOG-11489	proteomics_log	3986547	3986600	-	4	3	K.SADASLADM*NDPSLITVR.R	23
PLOG-11490	proteomics_log	3986601	3986648	-	4	5	R.KLWSDQDVTTAAALLK.S	20
PLOG-11491	proteomics_log	3986661	3986696	-	4	2	K.TWLLAQADFLVK.L	16
PLOG-11492	proteomics_log	3987003	3987044	-	4	3	R.EAVDTTSQPVATEK.K	18
PLOG-11493	proteomics_log	3987851	3987889	-	6	4	R.EILAEVYNGDAPA.-	17
PLOG-11494	proteomics_log	3987851	3987889	-	6	4	R.EILAEVYNGDAPA.-	17
PLOG-11495	proteomics_log	3987890	3987958	-	6	17	R.GAPQDAEQMGISLAEELLNNGAR.E	27

PLOG-11496	proteomics_log	3987890	3987961	-	6	9	R.RGAPQDAEQMGISLAEELLNNGAR.E	28
PLOG-11497	proteomics_log	3988262	3988324	-	6	2	R.LSKLDNGEYDAILAVAGLKR.L	25
PLOG-11498	proteomics_log	3988325	3988351	-	6	3	R.SLRGNVGT.R.L	13
PLOG-11499	proteomics_log	3988568	3988612	-	6	20	K.GLFVKELEVALLNR.A	19
PLOG-11500	proteomics_log	3988568	3988624	-	6	2	K.VGGKGLFVKELEVALLNR.A	23
PLOG-11501	proteomics_log	3991765	3991836	-	5	3	R.SGETFWDLLEQAATQQAGETVSFR.-	28
PLOG-11502	proteomics_log	3992059	3992082	-	5	2	T.M*NDSEFHR.L	13
PLOG-11503	proteomics_log	3994501	3994527	-	5	15	A.RLAAPSPLR.R	13
PLOG-11504	proteomics_log	3994628	3994705	-	6	2	Y.SEGIIDINIQQPIHIVDQVFRQMTR.R	30
PLOG-11505	proteomics_log	3995799	3995873	-	4	3	G.SKRLSQVCIRSPFGLIQQACIPLR.I	29
PLOG-11506	proteomics_log	4002643	4002717	-	5	79	M.SAVLTAEQALKLVGEMFVYHMPFNR.A	29
PLOG-11507	proteomics_log	4008382	4008456	-	5	2	K.NQITIQIVNARTIGGNHVRLNLQII.A	29
PLOG-11508	proteomics_log	4008732	4008764	-	4	3	R.QVKVEKLT.LTR.S	15
PLOG-11509	proteomics_log	4010147	4010230	-	6	2	R.HFLQPAGVSPSLKSVDNLLLLIQMVAAR.M	32
PLOG-11510	proteomics_log	4013545	4013643	-	5	3	K.QPVDIATDLNAPILGLYGGQDNSIPQESVETM*R.Q	38
PLOG-11511	proteomics_log	4013701	4013739	-	5	6	R.ITWLYAAHNPQLK.A	17
PLOG-11512	proteomics_log	4013794	4013850	-	5	4	K.VPDSQVLADLDHVASWASR.N	23
PLOG-11513	proteomics_log	4013851	4013910	-	5	20	R.EGDPNDFADIPTLLSGLVAK.V	24
PLOG-11514	proteomics_log	4013851	4013958	-	5	2	R.LALEGLAIAPELYFREGDPNDFADIPTLLSGLVAK.V	40
PLOG-11515	proteomics_log	4013974	4014042	-	5	25	K.QSDGPLPVVIVVQEIFGVHEHIR.D	27
PLOG-11516	proteomics_log	4025710	4025742	-	5	3	R.ISTTLNL.MER.K	15
PLOG-11517	proteomics_log	4026328	4026369	-	5	4	K.AAGMMGLTAEMLAR.M	18
PLOG-11518	proteomics_log	4026763	4026795	-	5	3	T.MEQVVIVDAIR.T	15
PLOG-11519	proteomics_log	4027200	4027298	-	4	2	R.KITAMPSTRCLMPTALVRRRTASVSGVIKKTAKV.S	37
PLOG-11520	proteomics_log	4027450	4027491	-	5	2	R.VLFPYFAGFSQLLR.D	18
PLOG-11521	proteomics_log	4028095	4028133	-	5	2	R.ALVGIFLNDQYVK.G	17
PLOG-11522	proteomics_log	4028389	4028427	-	5	2	K.AEKLVEGAKAVLR.Q	17
PLOG-11523	proteomics_log	4028419	4028496	-	5	2	I.IAAGKDVGDQALKIGLVDGVVKAEK.L	30
PLOG-11524	proteomics_log	4044242	4044313	-	6	2	R.SWADIVVLCVLFKRKHIP*NKYFLK.Q	29
PLOG-11525	proteomics_log	4045502	4045531	-	6	2	Q.RQEIDDQFWR.H	14
PLOG-11526	proteomics_log	4048351	4048431	-	5	4	R.HPLKDLDDQMIEWAVDSNIAVLVLLTK.A	31
PLOG-11527	proteomics_log	4048432	4048470	-	5	2	R.QSLQGLVVLMDIR.H	17
PLOG-11528	proteomics_log	4048564	4048605	-	5	13	R.TQLINLFEVADGKR.L	18
PLOG-11529	proteomics_log	4048564	4048617	-	5	7	K.TPGRTQLINLFEVADGKR.L	22
PLOG-11530	proteomics_log	4048564	4048626	-	5	68	R.TSKTPGRTQLINLFEVADGKR.L	25
PLOG-11531	proteomics_log	4048567	4048605	-	5	3	R.TQLINLFEVADGK.R	17
PLOG-11532	proteomics_log	4048627	4048686	-	5	6	R.SNAGKSSALNTLTNQKSLAR.T	24
PLOG-11533	proteomics_log	4048639	4048671	-	5	75	K.SSALNTLTNQK.S	15
PLOG-11534	proteomics_log	4048639	4048686	-	5	8	R.SNAGKSSALNTLTNQK.S	20
PLOG-11535	proteomics_log	4048687	4048731	-	5	4	R.HLPSDTGIEVAFAGR.S	19
PLOG-11536	proteomics_log	4048732	4048785	-	5	2	L.TNLNYQQTHFVM*SAPDIR.H	23
PLOG-11537	proteomics_log	4048732	4048785	-	5	13	L.TNLNYQQTHFVMSAPDIR.H	22
PLOG-11538	proteomics_log	4052252	4052302	-	6	3	L.GVEAKLLHPETEALTR.L	21
PLOG-11539	proteomics_log	4052660	4052740	-	6	2	R.AKAPFIALNMAAIPKDLIESELFGEK.G	31
PLOG-11540	proteomics_log	4054651	4054692	-	5	6	R.M*TPHPVEFELYYSV.-	19
PLOG-11541	proteomics_log	4054651	4054692	-	5	203	R.MTPHPVEFELYYSV.-	18

PLOG-11542	proteomics_log	4054717	4054767	-	5	57	K.AGGVFTDEAIDAYIALR.R	21
PLOG-11543	proteomics_log	4054768	4054839	-	5	28	K.EIPQVAGSLEEALNELDLDFREFLK.A	28
PLOG-11544	proteomics_log	4054900	4054977	-	5	5	R.FPDPAANPYLCFAALLMAGLDGIKNK.I	30
PLOG-11545	proteomics_log	4054993	4055037	-	5	140	R.SASIRIPVVSSPKAR.R	19
PLOG-11546	proteomics_log	4054993	4055043	-	5	3	R.NRSASIRIPVVSSPKAR.R	21
PLOG-11547	proteomics_log	4054999	4055022	-	5	2	R.IPVVSSPK.A	12
PLOG-11548	proteomics_log	4054999	4055037	-	5	141	R.SASIRIPVVSSPK.A	17
PLOG-11549	proteomics_log	4054999	4055043	-	5	5	R.NRSASIRIPVVSSPK.A	19
PLOG-11550	proteomics_log	4055044	4055085	-	5	10	V.PGYEAPVMLAYSAR.N	18
PLOG-11551	proteomics_log	4055044	4055091	-	5	10	R.LVPGYEAPVM*LAYSAR.N	21
PLOG-11552	proteomics_log	4055044	4055091	-	5	99	R.LVPGYEAPVMLAYSAR.N	20
PLOG-11553	proteomics_log	4055044	4055094	-	5	5	K.RLVPGYEAPVMLAYSAR.N	21
PLOG-11554	proteomics_log	4055053	4055091	-	5	2	R.LVPGYEAPVM*LAY.S	18
PLOG-11555	proteomics_log	4055059	4055091	-	5	2	R.LVPGYEAPVM*L.A	16
PLOG-11556	proteomics_log	4055092	4055136	-	5	266	K.AINALANPTTNSYKR.L	19
PLOG-11557	proteomics_log	4055092	4055145	-	5	2	K.HAKAINALANPTTNSYKR.L	22
PLOG-11558	proteomics_log	4055095	4055136	-	5	16	K.AINALANPTTNSYK.R	18
PLOG-11559	proteomics_log	4055104	4055136	-	5	6	K.AINALANPTTN.S	15
PLOG-11560	proteomics_log	4055137	4055226	-	5	138	K.NGVNLFAGDKYAGLSEQALYYIGGVIKHAK.A	34
PLOG-11561	proteomics_log	4055146	4055226	-	5	157	K.NGVNLFAGDKYAGLSEQALYYIGGVIK.H	31
PLOG-11562	proteomics_log	4055167	4055226	-	5	8	K.NGVNLFAGDKYAGLSEQALY.Y	24
PLOG-11563	proteomics_log	4055302	4055337	-	5	21	K.YVVHNVHRFGK.T	16
PLOG-11564	proteomics_log	4055302	4055364	-	5	4	K.KADEIQIYKYVVHNVHRFGK.T	25
PLOG-11565	proteomics_log	4055311	4055337	-	5	86	K.YVVHNVHR.F	13
PLOG-11566	proteomics_log	4055311	4055361	-	5	7	K.ADEIQIYKYVVHNVHR.F	21
PLOG-11567	proteomics_log	4055311	4055364	-	5	94	K.KADEIQIYKYVVHNVHR.F	22
PLOG-11568	proteomics_log	4055338	4055364	-	5	18	K.KADEIQIYK.Y	13
PLOG-11569	proteomics_log	4055479	4055526	-	5	56	K.GGYFPVPPVDSAQDIR.S	20
PLOG-11570	proteomics_log	4055527	4055637	-	5	3	R.FGSSISGSHVAIDDIEGAWNSSTQYEGGNKGHRPAVK.G	41
PLOG-11571	proteomics_log	4055638	4055679	-	5	53	L.FGPEPEFFLFDDIR.F	18
PLOG-11572	proteomics_log	4055638	4055706	-	5	336	R.STGIADTVLFGPEPEFFLFDDIR.F	27
PLOG-11573	proteomics_log	4055638	4055724	-	5	3	R.AEDYLRSTGIADTVLFGPEPEFFLFDDIR.F	33
PLOG-11574	proteomics_log	4055656	4055706	-	5	5	R.STGIADTVLFGPEPEFF.L	21
PLOG-11575	proteomics_log	4055707	4055727	-	5	68	K.RAEDYLR.S	11
PLOG-11576	proteomics_log	4055707	4055739	-	5	20	R.SIAKRAEDYLR.S	15
PLOG-11577	proteomics_log	4055791	4055880	-	5	4	K.GINESDM*VLM*PDASTAVIDPFFADSTLIIR.C	36
PLOG-11578	proteomics_log	4055791	4055880	-	5	6	K.GINESDMVLM*PDASTAVIDPFFADSTLIIR.C	35
PLOG-11579	proteomics_log	4055791	4055880	-	5	77	K.GINESDMVLM*PDASTAVIDPFFADSTLIIR.C	34
PLOG-11580	proteomics_log	4055791	4055913	-	5	7	K.MFDGSSIGGWKGINESDMVLM*PDASTAVIDPFFADSTLIIR.C	45
PLOG-11581	proteomics_log	4055914	4055979	-	5	7	K.GKEQHVTIPAHQVNAEFFEEGK.M	26
PLOG-11582	proteomics_log	4055914	4055994	-	5	7	R.FTDTKGKEQHVTIPAHQVNAEFFEEGK.M	31
PLOG-11583	proteomics_log	4055995	4056054	-	5	20	M.SAEHVLTMLNEHEVKFVDLR.F	25
PLOG-11584	proteomics_log	4055995	4056054	-	5	143	M.SAEHVLTMLNEHEVKFVDLR.F	24
PLOG-11585	proteomics_log	4056010	4056054	-	5	10	M.SAEHVLTMLNEHEVK.F	20
PLOG-11586	proteomics_log	4056010	4056054	-	5	156	M.SAEHVLTMLNEHEVK.F	19
PLOG-11587	proteomics_log	4058517	4058603	-	4	3	V.IRLMPSSSPSSLSEGSFPPGVVMPSFNHR.S	33

PLOG-11588	proteomics_log	4066451	4066489	-	6	90	K.KLDTMRNAGVKVN.G	17
PLOG-11589	proteomics_log	4073975	4073995	-	6	2	F.AHPQILR.Q	11
PLOG-11590	proteomics_log	4078325	4078363	-	6	4	R.SSINPFLFPGEGE.-	17
PLOG-11591	proteomics_log	4078388	4078435	-	6	5	K.IEAVADDLASLVLDAR.M	20
PLOG-11592	proteomics_log	4078388	4078462	-	6	21	K.ILYQEKDPKIEAVADDLASLVLDAR.M	29
PLOG-11593	proteomics_log	4078859	4078936	-	6	4	K.LLMALIAELKPEMSGPALAVIENLEK.A	30
PLOG-11594	proteomics_log	4079012	4079086	-	6	94	R.FAALIAHAQEVVLYDHPLEMDLTAR.I	29
PLOG-11595	proteomics_log	4080750	4080779	-	4	2	M.AYQSQDIIRR.S	14
PLOG-11596	proteomics_log	4081695	4081715	-	4	3	T.GAVIVKK.G	11
PLOG-11597	proteomics_log	4081698	4081742	-	4	2	A.LADITDPATGAVIVK.K	19
PLOG-11598	proteomics_log	4098066	4098167	-	4	20	V.LISTEGGRM*TLLGLVVALIGVGIVTRAGQLKERK.M	39
PLOG-11599	proteomics_log	4098174	4098263	-	4	3	R.YLGMMSMGIGIAIGITLVGTLMTPHINGNF.D	34
PLOG-11600	proteomics_log	4100261	4100347	-	6	4	V.LPSAKAKNGISVCTALLKNSRNSGSRFPR.A	33
PLOG-11601	proteomics_log	4103160	4103258	-	4	50	R.QEASFDGQTLELTGTEFTLLYLLAQHLGQVVS.R.E	37
PLOG-11602	proteomics_log	4103364	4103435	-	4	3	R.VLGLELGADDYLPKPFNDRELVAR.I	28
PLOG-11603	proteomics_log	4103364	4103453	-	4	2	R.GSELDRLVGLLELGADDYLPKPFNDRELVAR.I	34
PLOG-11604	proteomics_log	4103454	4103501	-	4	2	K.ALQRQTHQTPVIM*LTAR.G	21
PLOG-11605	proteomics_log	4103640	4103684	-	4	2	K.ILLVDDDRELTSLK.E	19
PLOG-11606	proteomics_log	4108331	4108366	-	6	2	K.M*VLRTPGAGVDR.Q	17
PLOG-11607	proteomics_log	4108766	4108816	-	6	12	K.ADAFAVIVKAAEAAKQA.-	21
PLOG-11608	proteomics_log	4108772	4108816	-	6	19	K.ADAFAVIVKAAEAAK.Q	19
PLOG-11609	proteomics_log	4108790	4108816	-	6	63	K.ADAFAVIVK.A	13
PLOG-11610	proteomics_log	4108877	4108966	-	6	8	K.FIRDHIAKVDANIAEQVIIQYGGSVNASNA.A	34
PLOG-11611	proteomics_log	4108958	4109002	-	6	6	K.SATPAQAQAVHKFIR.D	19
PLOG-11612	proteomics_log	4108967	4108993	-	6	3	T.PAQAQAVHK.F	13
PLOG-11613	proteomics_log	4108967	4108996	-	6	3	A.TPAQAQAVHK.F	14
PLOG-11614	proteomics_log	4108967	4109002	-	6	233	K.SATPAQAQAVHK.F	16
PLOG-11615	proteomics_log	4108967	4109074	-	6	2	K.TQGAAAFEGAVIAYEPVWAIAGTGKSATPAQAQAVHK.F	40
PLOG-11616	proteomics_log	4109003	4109074	-	6	174	K.TQGAAAFEGAVIAYEPVWAIAGTGK.S	28
PLOG-11617	proteomics_log	4109003	4109095	-	6	6	R.QIDAVLKTQGAAAFEGAVIAYEPVWAIAGTGK.S	35
PLOG-11618	proteomics_log	4109075	4109095	-	6	12	R.QIDAVLK.T	11
PLOG-11619	proteomics_log	4109096	4109194	-	6	8	K.FAVLKEQGLTPVLCIGETEAEAGKTEEVCAR.Q	37
PLOG-11620	proteomics_log	4109096	4109197	-	6	5	K.KFAVLKEQGLTPVLCIGETEAEAGKTEEVCAR.Q	38
PLOG-11621	proteomics_log	4109195	4109233	-	6	291	R.TYHKESDELIAKK.F	17
PLOG-11622	proteomics_log	4109195	4109236	-	6	30	R.RTYHKESDELIAKK.F	18
PLOG-11623	proteomics_log	4109198	4109233	-	6	142	R.TYHKESDELIAK.K	16
PLOG-11624	proteomics_log	4109198	4109236	-	6	17	R.RTYHKESDELIAK.K	17
PLOG-11625	proteomics_log	4109237	4109278	-	6	46	K.DIGAQYIIIGHSER.R	18
PLOG-11626	proteomics_log	4109279	4109374	-	6	3	R.EAEGSHIMLGAQNVLDNLGSAFTGETSAAMLK.D	36
PLOG-11627	proteomics_log	4109375	4109446	-	6	9	K.ELAGVAGCAVAIAPPEMYIDMAKR.E	28
PLOG-11628	proteomics_log	4109375	4109449	-	6	2	R.KELAGVAGCAVAIAPPEMYIDMAKR.E	29
PLOG-11629	proteomics_log	4109375	4109482	-	6	5	R.HMVHELVSNLKELAGVAGCAVAIAPPEMYIDMAKR.E	40
PLOG-11630	proteomics_log	4109447	4109482	-	6	15	R.HM*VHELVSNLK.E	17
PLOG-11631	proteomics_log	4109447	4109482	-	6	249	R.HMVHELVSNLK.E	16
PLOG-11632	proteomics_log	4109450	4109482	-	6	8	R.HM*VHELVSNLK.K	16
PLOG-11633	proteomics_log	4109450	4109482	-	6	63	R.HMVHELVSNLK.K	15

PLOG-11634	proteomics_log	4109483	4109530	-	6	88	K.MRHPLVMGNWKLNGSR.H	20
PLOG-11635	proteomics_log	4109492	4109530	-	6	6	K.MRHPLVMGNWKLN.G	17
PLOG-11636	proteomics_log	4109498	4109530	-	6	178	K.MRHPLVMGNWK.L	15
PLOG-11637	proteomics_log	4112382	4112462	-	4	5	K.VQNWTDALFSLTVHAPVLPFTAGQFTK.L	31
PLOG-11638	proteomics_log	4112676	4112714	-	4	3	R.KGNIATTETLLIR.G	17
PLOG-11639	proteomics_log	4113063	4113104	-	4	4	R.HDAVIAEMQQLGVR.V	18
PLOG-11640	proteomics_log	4113105	4113170	-	4	6	R.NVAAALGKPLSELTVTILAKPR.H	26
PLOG-11641	proteomics_log	4113171	4113212	-	4	3	K.GTIDLNLPLADNLR.N	18
PLOG-11642	proteomics_log	4113480	4113524	-	4	2	R.GDKNTADGAAVNAM*R.I	20
PLOG-11643	proteomics_log	4113740	4113766	-	6	6	R.AM*AWEEHDE.-	14
PLOG-11644	proteomics_log	4113740	4113766	-	6	32	R.AMAWEEHDE.-	13
PLOG-11645	proteomics_log	4113740	4113769	-	6	5	K.RAMAWEEHDE.-	14
PLOG-11646	proteomics_log	4113806	4113838	-	6	48	R.EFRPGIETTER.N	15
PLOG-11647	proteomics_log	4113806	4113853	-	6	2	K.AVIEREFRPGIETTER.N	20
PLOG-11648	proteomics_log	4113839	4113934	-	6	70	R.EVTALGAAYLAGLAVGFQNLDELQEKAVIER.E	36
PLOG-11649	proteomics_log	4113854	4113934	-	6	490	R.EVTALGAAYLAGLAVGFQNLDELQEK.A	31
PLOG-11650	proteomics_log	4113854	4113955	-	6	14	R.VERPEVREVTALGAAYLAGLAVGFQNLDELQEK.A	38
PLOG-11651	proteomics_log	4113878	4113934	-	6	66	R.EVTALGAAYLAGLAVGFQ.N	23
PLOG-11652	proteomics_log	4113935	4114021	-	6	17	R.VDGGAVANNFLMQFQSDILGTRVERPEVR.E	33
PLOG-11653	proteomics_log	4113956	4114021	-	6	14	R.VDGGAVANNFLM*QFQSDILGTR.V	27
PLOG-11654	proteomics_log	4113956	4114021	-	6	78	R.VDGGAVANNFLMQFQSDILGTR.V	26
PLOG-11655	proteomics_log	4113956	4114036	-	6	25	R.LHALRVDGGAVANNFLMQFQSDILGTR.V	31
PLOG-11656	proteomics_log	4114022	4114108	-	6	3	R.ATLESIAYQTRDVLEAMQADSGIRLHALR.V	33
PLOG-11657	proteomics_log	4114037	4114075	-	6	11	R.DVLEAM*QADSGIR.L	18
PLOG-11658	proteomics_log	4114037	4114075	-	6	59	R.DVLEAMQADSGIR.L	17
PLOG-11659	proteomics_log	4114037	4114108	-	6	41	R.ATLESIAYQTRDVLEAMQADSGIR.L	28
PLOG-11660	proteomics_log	4114037	4114135	-	6	3	R.GVNANHIIRATLESIAYQTRDVLEAMQADSGIR.L	37
PLOG-11661	proteomics_log	4114076	4114108	-	6	59	R.ATLESIAYQTR.D	15
PLOG-11662	proteomics_log	4114076	4114135	-	6	9	R.GVNANHIIRATLESIAYQTR.D	24
PLOG-11663	proteomics_log	4114076	4114159	-	6	2	R.GAIFGLTRGVNANHIIRATLESIAYQTR.D	32
PLOG-11664	proteomics_log	4114109	4114135	-	6	17	R.GVNANHIIR.A	13
PLOG-11665	proteomics_log	4114109	4114159	-	6	2	R.GAIFGLTRGVNANHIIR.A	21
PLOG-11666	proteomics_log	4114136	4114159	-	6	12	R.GAIFGLTR.G	12
PLOG-11667	proteomics_log	4114160	4114237	-	6	48	K.VQNTNGVYVPAFTGLGAPYWDPYAR.G	30
PLOG-11668	proteomics_log	4114238	4114279	-	6	32	K.LINDAYDSEYFATK.V	18
PLOG-11669	proteomics_log	4114547	4114585	-	6	27	R.SSEVYGQTNIGGK.G	17
PLOG-11670	proteomics_log	4114547	4114588	-	6	20	R.RSSEVYGQTNIGGK.G	18
PLOG-11671	proteomics_log	4114586	4114678	-	6	8	R.TMLFNIHTLDWDDKMLEVLDIPREMLPEVRR.S	35
PLOG-11672	proteomics_log	4114589	4114636	-	6	14	K.MLEVLDIPREMLPEVR.R	20
PLOG-11673	proteomics_log	4114589	4114678	-	6	3	R.TM*LFNIHTLDWDDKM*LEVLDIPREM*LPEVR.R	37
PLOG-11674	proteomics_log	4114589	4114678	-	6	104	R.TMLFNIHTLDWDDKMLEVLDIPREMLPEVR.R	34
PLOG-11675	proteomics_log	4114610	4114636	-	6	12	K.MLEVLDIPR.E	13
PLOG-11676	proteomics_log	4114610	4114678	-	6	75	R.TMLFNIHTLDWDDKMLEVLDIPR.E	27
PLOG-11677	proteomics_log	4114637	4114678	-	6	14	R.TMLFNIHTLDWDDK.M	18
PLOG-11678	proteomics_log	4114679	4114711	-	6	40	R.VHVTDYTNASR.T	15
PLOG-11679	proteomics_log	4114679	4114726	-	6	3	K.MTQGRVHVTDYTNASR.T	20

PLOG-11680	proteomics_log	4114679	4114726	-	6	3	K.M*TQGRVHVTDYTNASR.T	21
PLOG-11681	proteomics_log	4114712	4114774	-	6	8	R.RGELLFGTVDTWLIWKMTQGR.V	25
PLOG-11682	proteomics_log	4114712	4114780	-	6	4	R.ARRGELLFGTVDTWLIWKMTQGR.V	27
PLOG-11683	proteomics_log	4114727	4114771	-	6	32	R.GELLFGTVDTWLIWK.M	19
PLOG-11684	proteomics_log	4114727	4114774	-	6	45	R.RGELLFGTVDTWLIWK.M	20
PLOG-11685	proteomics_log	4114727	4114780	-	6	9	R.ARRGELLFGTVDTWLIWK.M	22
PLOG-11686	proteomics_log	4114787	4114816	-	6	24	K.WILDHVEGSR.E	14
PLOG-11687	proteomics_log	4114787	4114822	-	6	29	K.VKWILDHVEGSR.E	16
PLOG-11688	proteomics_log	4114817	4114867	-	6	2	R.SNTGLVIDPYFSGTKVK.W	21
PLOG-11689	proteomics_log	4114823	4114867	-	6	6	R.SNTGLVIDPYFSGTK.V	19
PLOG-11690	proteomics_log	4114868	4114891	-	6	22	R.DGLEDYIR.S	12
PLOG-11691	proteomics_log	4114994	4115044	-	6	11	K.ADISSDQIAAIGITNQR.E	21
PLOG-11692	proteomics_log	4115045	4115143	-	6	21	R.EFEQIYPKPGWVEHDPMEIWATQSSTLVEVLAK.A	37
PLOG-11693	proteomics_log	4115144	4115191	-	6	16	R.AVVMMDHDANIISVSQR.E	20
PLOG-11694	proteomics_log	4115192	4115227	-	6	3	Y.IVALDQGTSSR.A	16
PLOG-11695	proteomics_log	4115192	4115230	-	6	103	K.YIVALDQGTSSR.A	17
PLOG-11696	proteomics_log	4115192	4115233	-	6	58	K.KYIVALDQGTSSR.A	18
PLOG-11697	proteomics_log	4115192	4115242	-	6	61	M.TEKKYIVALDQGTSSR.A	21
PLOG-11698	proteomics_log	4115231	4115263	-	6	3	M.TTGQLNMTEKK.Y	15
PLOG-11699	proteomics_log	4116964	4117062	-	5	2	R.QVDDLEELDIGIQAM*AAIPVGAAGEGIGESDVR.V	38
PLOG-11700	proteomics_log	4116964	4117062	-	5	3	R.QVDDLEELDIGIQAMAAIPVGAAGEGIGESDVR.V	37
PLOG-11701	proteomics_log	4117063	4117113	-	5	4	R.LAVQNEWEGLVIYGAVR.Q	21
PLOG-11702	proteomics_log	4117114	4117140	-	5	6	R.ALVDAELAR.L	13
PLOG-11703	proteomics_log	4117114	4117143	-	5	9	R.RALVDAELAR.L	14
PLOG-11704	proteomics_log	4117144	4117176	-	5	9	R.VLVVDGGGSVR.R	15
PLOG-11705	proteomics_log	4117234	4117266	-	5	17	R.ASFGGQIITVK.C	15
PLOG-11706	proteomics_log	4117267	4117353	-	5	5	P.MKYDTSELCDIYQEDVNVVEPLFSNFGGR.A	33
PLOG-11707	proteomics_log	4118442	4118489	-	4	2	K.HLDALVADEDLSRFIL.-	20
PLOG-11708	proteomics_log	4118442	4118567	-	4	3	R.LMEEISYDASDLSGQNITIDADYVSKHLDALVADEDLSRFIL.-	46
PLOG-11709	proteomics_log	4118451	4118489	-	4	36	K.HLDALVADEDLSR.F	17
PLOG-11710	proteomics_log	4118451	4118567	-	4	3	R.LMEEISYDASDLSGQNITIDADYVSKHLDALVADEDLSR.F	43
PLOG-11711	proteomics_log	4118568	4118591	-	4	71	R.RLHTVLER.L	12
PLOG-11712	proteomics_log	4118592	4118645	-	4	9	R.IAEAAWQVNESTENIGAR.R	22
PLOG-11713	proteomics_log	4118646	4118702	-	4	6	K.ALMATEGVNIEFTDSGIKR.I	23
PLOG-11714	proteomics_log	4118703	4118744	-	4	166	R.ILTEPNASITVQYK.A	18
PLOG-11715	proteomics_log	4118745	4118783	-	4	2	R.VELQALTTSDFER.I	17
PLOG-11716	proteomics_log	4118796	4118876	-	4	3	K.TDHILFIASGAFQIAKPSDLIPELQGR.L	31
PLOG-11717	proteomics_log	4118934	4118981	-	4	14	K.RGESSGPDVSREGVQR.D	20
PLOG-11718	proteomics_log	4118949	4118981	-	4	83	K.RGESSGPDVSR.E	15
PLOG-11719	proteomics_log	4118991	4119074	-	4	3	K.LVNPEELKQDAIDAVEQHGIVFIDEIDK.I	32
PLOG-11720	proteomics_log	4119075	4119101	-	4	2	K.LLIEEEAAK.L	13
PLOG-11721	proteomics_log	4119102	4119128	-	4	22	R.KLKIKDAMK.L	13
PLOG-11722	proteomics_log	4119303	4119380	-	4	27	R.ILDVLIPPAKNNWGQTEQQQEPSAAR.Q	30
PLOG-11723	proteomics_log	4119381	4119410	-	4	36	R.YRAEELAEER.I	14
PLOG-11724	proteomics_log	4119405	4119434	-	4	3	R.VQAIEKNRYR.A	14
PLOG-11725	proteomics_log	4119411	4119434	-	4	13	R.VQAIEKNR.Y	12

PLOG-11726	proteomics_log	4119435	4119515	-	4	6	K.FTEVGYVGKEVDSIIRDLTDAAVKMVR.V	31
PLOG-11727	proteomics_log	4119435	4119554	-	4	4	K.LANAPFIKVEATKFTEVGYVGKEVDSIIRDLTDAAVKMVR.V	44
PLOG-11728	proteomics_log	4119444	4119467	-	4	5	R.DLTDAAVK.M	12
PLOG-11729	proteomics_log	4119444	4119506	-	4	2	E.VGYVGKEVDSIIRDLTDAAVK.M	25
PLOG-11730	proteomics_log	4119444	4119509	-	4	38	T.EVGYVGKEVDSIIRDLTDAAVK.M	26
PLOG-11731	proteomics_log	4119444	4119515	-	4	86	K.FTEVGYVGKEVDSIIRDLTDAAVK.M	28
PLOG-11732	proteomics_log	4119444	4119530	-	4	41	K.VEATKFTEVGYVGKEVDSIIRDLTDAAVK.M	33
PLOG-11733	proteomics_log	4119444	4119554	-	4	88	K.LANAPFIKVEATKFTEVGYVGKEVDSIIRDLTDAAVK.M	41
PLOG-11734	proteomics_log	4119468	4119515	-	4	2	K.FTEVGYVGKEVDSIIR.D	20
PLOG-11735	proteomics_log	4119468	4119554	-	4	7	K.LANAPFIKVEATKFTEVGYVGKEVDSIIR.D	33
PLOG-11736	proteomics_log	4119516	4119554	-	4	3	K.LANAPFIKVEATK.F	17
PLOG-11737	proteomics_log	4119567	4119617	-	4	115	K.NILMIGPTGVGKTEIAR.R	21
PLOG-11738	proteomics_log	4119582	4119617	-	4	2	K.NILMIGPTGVGK.T	16
PLOG-11739	proteomics_log	4119618	4119659	-	4	5	R.MQLNEELRHEVTPK.N	18
PLOG-11740	proteomics_log	4119675	4119698	-	4	5	K.RSVAIALR.N	12
PLOG-11741	proteomics_log	4119696	4119749	-	4	71	R.EIVSELDKHIIGQDNAKR.S	22
PLOG-11742	proteomics_log	4119699	4119749	-	4	12	R.EIVSELDKHIIGQDNAK.R	21
PLOG-11743	proteomics_log	4119858	4119905	-	4	4	R.ALLENTELSAREIAEK.A	20
PLOG-11744	proteomics_log	4119873	4119905	-	4	115	R.ALLENTELSAR.E	15
PLOG-11745	proteomics_log	4119906	4120040	-	4	7	R.KLEALLAVADETASLIITGNGDVVQPENDLIAIGSSGGPYAQAAR.A	49
PLOG-11746	proteomics_log	4120014	4120049	-	4	60	R.MLRKLEALLAVA.D	16
PLOG-11747	proteomics_log	4120089	4120118	-	4	2	K.LEM*HQGHLVK.A	15
PLOG-11748	proteomics_log	4120089	4120121	-	4	42	R.KLEMHQGHLVK.A	15
PLOG-11749	proteomics_log	4120122	4120178	-	4	9	I.AGFAGGTADAFTLFELFER.K	23
PLOG-11750	proteomics_log	4120122	4120184	-	4	2	K.VIAGFAGGTADAFTLFELFER.K	25
PLOG-11751	proteomics_log	4120122	4120199	-	4	17	R.LYNDKVIAGFAGGTADAFTLFELFER.K	30
PLOG-11752	proteomics_log	4120122	4120202	-	4	171	R.RLYNDKVIAGFAGGTADAFTLFELFER.K	31
PLOG-11753	proteomics_log	4120212	4120283	-	4	5	R.NGHVVIAGDGQATLGNTVMKGNVK.K	28
PLOG-11754	proteomics_log	4120568	4120594	-	6	4	R.GAEQAETVR.A	13
PLOG-11755	proteomics_log	4120622	4120669	-	6	59	R.AADAPKPTAEKKDERR.W	20
PLOG-11756	proteomics_log	4120775	4120810	-	6	135	R.TSQAAPVQAQPR.Q	16
PLOG-11757	proteomics_log	4120816	4120842	-	5	2	V.RLNKAGSSR.R	13
PLOG-11758	proteomics_log	4120862	4120891	-	6	25	R.QAQQLAEQQR.L	14
PLOG-11759	proteomics_log	4121036	4121062	-	6	5	T.EPSAGGEVK.T	13
PLOG-11760	proteomics_log	4123619	4123693	-	6	2	R.AGNARPAIQHVLDLKGQKVQAGLAP.A	29
PLOG-11761	proteomics_log	4126104	4126175	-	4	2	R.SDEIPEAAKEIMREMGINPETWEY.-	28
PLOG-11762	proteomics_log	4126137	4126175	-	4	2	R.SDEIPEAAKEIMR.E	17
PLOG-11763	proteomics_log	4126185	4126268	-	4	2	R.HATNSELLCEAFLHAFTGQPLPDDADLR.K	32
PLOG-11764	proteomics_log	4126269	4126289	-	4	15	R.RQVNNLR.H	11
PLOG-11765	proteomics_log	4126314	4126346	-	4	17	K.ITVSIPLKVLK.I	15
PLOG-11766	proteomics_log	4126314	4126349	-	4	42	K.KITVSIPLKVLK.I	16
PLOG-11767	proteomics_log	4126314	4126364	-	4	5	K.SEQVKKITVSIPLKVLK.I	21
PLOG-11768	proteomics_log	4126365	4126415	-	4	5	M.AEWSGEYISPYAEHGKK.S	21
PLOG-11769	proteomics_log	4132961	4133005	-	6	6	G.SKRSVRSVTSIVGLR.F	19
PLOG-11770	proteomics_log	4136519	4136569	-	6	27	R.LLAAGIGDALATWFEAR.A	21
PLOG-11771	proteomics_log	4137354	4137428	-	4	2	K.EGITTLGTAVYSAAQGLLAALAGAK.Y	29

PLOG-11772	proteomics_log	4138439	4138492	-	6	2	R.HYNSLNPFAFLRALDYAVQ.A	22
PLOG-11773	proteomics_log	4140634	4140675	-	5	4	F.AIQHDGNRQQTAR.Y	18
PLOG-11774	proteomics_log	4143666	4143716	-	4	3	L.FRLALRSWLLIPTAIR.Q	21
PLOG-11775	proteomics_log	4146558	4146611	-	4	8	K.NALIDYDTLPYGDQVGNQ.-	22
PLOG-11776	proteomics_log	4146672	4146746	-	4	7	K.YSLAELIHTWSDLAGLSYDGYDPTR.S	29
PLOG-11777	proteomics_log	4148473	4148568	-	5	4	R.QAEKEGQEPDPRVEQALMVTIAGIAAGMRNTG.-	36
PLOG-11778	proteomics_log	4148482	4148532	-	5	122	R.VEQALMVTIAGIAAGMR.N	21
PLOG-11779	proteomics_log	4148482	4148568	-	5	7	R.QAEKEGQEPDPRVEQALMVTIAGIAAGMR.N	33
PLOG-11780	proteomics_log	4148575	4148625	-	5	105	R.NIYTDPLNVLQAEELLHR.S	21
PLOG-11781	proteomics_log	4148593	4148625	-	5	5	R.NIYTDPLNVLQ.A	15
PLOG-11782	proteomics_log	4148626	4148700	-	5	10	K.VVLAIANDSHLMADLPWIAESIQLR.N	29
PLOG-11783	proteomics_log	4148626	4148724	-	5	89	R.NLQEEDIKVVLAIANDSLHLMADLPWIAESIQLR.N	37
PLOG-11784	proteomics_log	4148734	4148766	-	5	4	R.LVDKALWPLGK.E	15
PLOG-11785	proteomics_log	4148755	4148832	-	5	2	R.LGMLEMVFAKADLWLAEYYDQRLVDK.A	30
PLOG-11786	proteomics_log	4148767	4148802	-	5	6	K.ADLWLAEYYDQR.L	16
PLOG-11787	proteomics_log	4148767	4148832	-	5	3	R.LGMLEMVFAKADLWLAEYYDQR.L	26
PLOG-11788	proteomics_log	4148803	4148832	-	5	38	R.LGMLEMVFAK.A	14
PLOG-11789	proteomics_log	4148902	4148946	-	5	38	R.LMLPAWLGAGTALQK.V	19
PLOG-11790	proteomics_log	4148902	4148982	-	5	7	R.AIPWIFAWTQNRMLPAWLGAGTALQK.V	31
PLOG-11791	proteomics_log	4148947	4148982	-	5	31	R.AIPWIFAWTQNR.L	16
PLOG-11792	proteomics_log	4148983	4149012	-	5	3	R.RPTGGVESLR.A	14
PLOG-11793	proteomics_log	4149073	4149114	-	5	2	R.GYVRENKDFVPYFR.S	18
PLOG-11794	proteomics_log	4149307	4149360	-	5	3	R.GGAPAHAALLSQPPGSLK.G	22
PLOG-11795	proteomics_log	4149379	4149411	-	5	7	K.AGIELTLFHGR.G	15
PLOG-11796	proteomics_log	4149538	4149606	-	5	2	F.ETLDDLNNANDVM*TQLLNIDWYR.G	28
PLOG-11797	proteomics_log	4149538	4149648	-	5	50	K.EAGIGFAMPVAPLFETLDDLNNANDVMTQLLNIDWYR.G	41
PLOG-11798	proteomics_log	4149649	4149687	-	5	26	K.TPSDVLAVHLLK.E	17
PLOG-11799	proteomics_log	4149889	4149918	-	5	2	R.HTEALGELTR.Y	14
PLOG-11800	proteomics_log	4150123	4150155	-	5	6	R.LMATQAWLEAR.L	15
PLOG-11801	proteomics_log	4150171	4150299	-	5	2	K.ATDLFLKDIQVLVSELSMVEATPELLALVGEEGAAEPYRYLMK.N	47
PLOG-11802	proteomics_log	4150183	4150278	-	5	4	K.DIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	36
PLOG-11803	proteomics_log	4150183	4150299	-	5	26	K.ATDLFLKDIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	43
PLOG-11804	proteomics_log	4150183	4150305	-	5	32	R.WKATDLFLKDIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	45
PLOG-11805	proteomics_log	4150390	4150455	-	5	16	R.ELNEQLEENLGYKLPVEFVPR.F	26
PLOG-11806	proteomics_log	4150456	4150512	-	5	3	K.WGFAVVENSLWQGVPNYLR.E	23
PLOG-11807	proteomics_log	4150513	4150542	-	5	5	K.LRPSPVDEAK.W	14
PLOG-11808	proteomics_log	4150750	4150791	-	5	6	K.LKNQPELSEDTIKK.A	18
PLOG-11809	proteomics_log	4150750	4150794	-	5	4	R.KLKNQPELSEDTIKK.A	19
PLOG-11810	proteomics_log	4150804	4150839	-	5	73	K.GEAASNPEVIAR.T	16
PLOG-11811	proteomics_log	4150804	4150902	-	5	43	R.AFSQFLNLANTAQYHSISPKGEAASNPEVIAR.T	37
PLOG-11812	proteomics_log	4150840	4150902	-	5	71	R.AFSQFLNLANTAQYHSISPK.G	25
PLOG-11813	proteomics_log	4150903	4150962	-	5	7	R.QELLTTLQNLNDELPPVAR.A	24
PLOG-11814	proteomics_log	4150903	4150983	-	5	102	R.AGNDANRQELLTTLQNLNDELPPVAR.A	31
PLOG-11815	proteomics_log	4150903	4150992	-	5	20	K.SSRAGNDANRQELLTTLQNLNDELPPVAR.A	34
PLOG-11816	proteomics_log	4150993	4151019	-	5	5	R.VETIRKLSK.S	13
PLOG-11817	proteomics_log	4150993	4151070	-	5	16	K.VLGETIKDALGEHILERVETIRKLSK.S	30

PLOG-11818	proteomics_log	4151002	4151070	-	5	5	K.VLGETIKDALGEHILERVETIRK.L	27
PLOG-11819	proteomics_log	4151005	4151070	-	5	133	K.VLGETIKDALGEHILERVETIR.K	26
PLOG-11820	proteomics_log	4151005	4151094	-	5	7	R.SNVSMGLGKVLGETIKDALGEHILERVETIR.K	34
PLOG-11821	proteomics_log	4151020	4151070	-	5	288	K.VLGETIKDALGEHILER.V	21
PLOG-11822	proteomics_log	4151020	4151094	-	5	5	R.SNVSM*LGKVLGETIKDALGEHILER.V	30
PLOG-11823	proteomics_log	4151020	4151094	-	5	18	R.SNVSMGLGKVLGETIKDALGEHILER.V	29
PLOG-11824	proteomics_log	4151020	4151121	-	5	4	N.MNEQYSALRSNVSMGLGKVLGETIKDALGEHILER.V	38
PLOG-11825	proteomics_log	4151020	4151121	-	5	4	N.M*NEQYSALRSNVSM*LGKVLGETIKDALGEHILER.V	40
PLOG-11826	proteomics_log	4151071	4151094	-	5	7	R.SNVSMGLGK.V	12
PLOG-11827	proteomics_log	4151071	4151121	-	5	25	N.MNEQYSALRSNVSMGLGK.V	21
PLOG-11828	proteomics_log	4151095	4151121	-	5	9	N.M*NEQYSALR.S	14
PLOG-11829	proteomics_log	4151095	4151121	-	5	73	N.MNEQYSALR.S	13
PLOG-11830	proteomics_log	4152193	4152267	-	5	7	R.GVNAIELMHDAIGHILQLRDNLKER.Y	29
PLOG-11831	proteomics_log	4152199	4152267	-	5	5	R.GVNAIELMHDAIGHILQLRDNLK.E	27
PLOG-11832	proteomics_log	4152211	4152267	-	5	40	R.GVNAIELMHDAIGHILQLR.D	23
PLOG-11833	proteomics_log	4152268	4152306	-	5	56	R.IQGQSGHSSDPAR.G	17
PLOG-11834	proteomics_log	4152415	4152477	-	5	9	K.LKKPLYILATADEETSMAGAR.Y	25
PLOG-11835	proteomics_log	4152478	4152528	-	5	75	K.GFFAFILDALRDVDVTK.L	21
PLOG-11836	proteomics_log	4152601	4152693	-	5	9	R.NKFNMLASIGQGAGLLLAGHTDTPFDDGR.W	35
PLOG-11837	proteomics_log	4152694	4152738	-	5	2	K.DLGFNVEVQVPVPGTR.N	19
PLOG-11838	proteomics_log	4152694	4152831	-	5	25	R.ALIATPSISATEEALDQSNADLITLLADWFKDLGFNVEVQVPVPGTR.N	50
PLOG-11839	proteomics_log	4152739	4152831	-	5	41	R.ALIATPSISATEEALDQSNADLITLLADWFK.D	35
PLOG-11840	proteomics_log	4152832	4152870	-	5	2	T.MKNKLPPFIEIYR.A	17
PLOG-11841	proteomics_log	4152832	4152870	-	5	2	T.M*KNKLPPFIEIYR.A	18
PLOG-11842	proteomics_log	4157416	4157448	-	5	2	R.VAALNGLNRLF.-	15
PLOG-11843	proteomics_log	4157416	4157448	-	5	2	R.VAALNGLNRLF.-	15
PLOG-11844	proteomics_log	4157623	4157658	-	5	2	R.AQIVGMNVGTLK.I	16
PLOG-11845	proteomics_log	4158517	4158573	-	5	10	R.SSFADILNHADNVINQQTR.M	23
PLOG-11846	proteomics_log	4158517	4158582	-	5	12	R.LLRSSFADILNHADNVINQQTR.M	26
PLOG-11847	proteomics_log	4158583	4158627	-	5	4	R.IIEFNQNPLYSDHSR.L	19
PLOG-11848	proteomics_log	4158733	4158810	-	5	2	M.PHSYDYDAIVIGSGPGGEGAAMGLVK.Q	30
PLOG-11849	proteomics_log	4160262	4160300	-	4	2	K.NLETLSQTHKVER.L	17
PLOG-11850	proteomics_log	4160745	4160813	-	4	2	K.IELDQDYIDERLPVAGKEMIYRQ.V	27
PLOG-11851	proteomics_log	4161006	4161080	-	4	2	R.IRVDSFPAASELINQLMTAMIAGVR.N	29
PLOG-11852	proteomics_log	4172111	4172140	-	6	47	K.SANHAVEEVR.L	14
PLOG-11853	proteomics_log	4172633	4172692	-	6	6	R.RVELITTDGFLHPNQVLKER.G	24
PLOG-11854	proteomics_log	4189712	4189774	-	6	3	R.DDM*M*ALLSPAASGYLEQLAQR.A	27
PLOG-11855	proteomics_log	4189891	4189944	-	5	26	R.SYFAHATSPLTGFLAASA.-	22
PLOG-11856	proteomics_log	4189891	4189944	-	5	26	R.SYFAHATSPLTGFLAASA.-	22
PLOG-11857	proteomics_log	4189966	4189995	-	5	112	R.LAVEAGLLAR.Q	14
PLOG-11858	proteomics_log	4190167	4190244	-	5	4	K.RLEEVGCAAVMPLGAPIGSNQGLETR.A	30
PLOG-11859	proteomics_log	4190317	4190349	-	5	3	R.WLLPDPPIETLK.A	15
PLOG-11860	proteomics_log	4190326	4190349	-	5	3	R.WLLPDPPIE.T	12
PLOG-11861	proteomics_log	4190350	4190400	-	5	12	R.EALGTNWLKLEIHPDAR.W	21
PLOG-11862	proteomics_log	4190401	4190439	-	5	77	K.TAEEAIFAAHLAR.E	17
PLOG-11863	proteomics_log	4190401	4190526	-	5	5	R.VDLRQHNDAILLEPLIAAGVTLNPNTSGAKTAEAAIFAAHLAR.E	46

PLOG-11864	proteomics_log	4190440	4190514	-	5	4	R.QHNDAILEPLIAAGVTLNPNTSGAK.T	29
PLOG-11865	proteomics_log	4190440	4190526	-	5	17	R.VDLRQHNDIAILEPLIAAGVTLNPNTSGAK.T	33
PLOG-11866	proteomics_log	4190527	4190565	-	5	42	R.ASGSQLVTLAMKR.V	17
PLOG-11867	proteomics_log	4190530	4190565	-	5	16	R.ASGSQLVTLAMK.R	16
PLOG-11868	proteomics_log	4190566	4190601	-	5	17	K.FASSQLMVEAIR.A	16
PLOG-11869	proteomics_log	4190566	4190649	-	5	24	R.IADKTFDShLFTGTGKFASSQLMVEAIR.A	32
PLOG-11870	proteomics_log	4190602	4190649	-	5	27	R.IADKTFDShLFTGTGK.F	20
PLOG-11871	proteomics_log	4190940	4190978	-	4	20	K.LLSGIETPAGELR.L	17
PLOG-11872	proteomics_log	4190940	4191044	-	4	3	R.TAGVVGPVVGVM*GTLQALEAIKLLSGIETPAGELR.L	40
PLOG-11873	proteomics_log	4190940	4191044	-	4	70	R.TAGVVGPVVGVMGTLQALEAIKLLSGIETPAGELR.L	39
PLOG-11874	proteomics_log	4190979	4191044	-	4	57	R.TAGVVGPVVGVMGTLQALEAIK.L	26
PLOG-11875	proteomics_log	4191246	4191281	-	4	32	R.LTGEALKDAVAR.A	16
PLOG-11876	proteomics_log	4191282	4191329	-	4	63	R.LTQLNPDIQLTALQQR.L	20
PLOG-11877	proteomics_log	4191351	4191389	-	4	3	R.QILFTTEDIDRPK.S	17
PLOG-11878	proteomics_log	4191525	4191554	-	4	2	L.DDIALDGQK.L	14
PLOG-11879	proteomics_log	4191525	4191566	-	4	24	R.QILLDDIALDGQK.L	18
PLOG-11880	proteomics_log	4191595	4191639	-	5	101	R.LATAQLLEIAGVGDE.-	19
PLOG-11881	proteomics_log	4191595	4191639	-	5	101	R.LATAQLLEIAGVGDE.-	19
PLOG-11882	proteomics_log	4191640	4191714	-	5	14	R.APAVIATGVGSIADVSAITQAADWR.L	29
PLOG-11883	proteomics_log	4191640	4191762	-	5	2	R.LADYPTVAIGGISLARAPAVIATGVGSIADVSAITQAADWR.L	45
PLOG-11884	proteomics_log	4191715	4191762	-	5	129	R.LADYPTVAIGGISLAR.A	20
PLOG-11885	proteomics_log	4191775	4191816	-	5	102	K.QMPSAPQGLEQLAR.H	18
PLOG-11886	proteomics_log	4191916	4192008	-	5	2	R.LAIKHQAYGVHLGQEDLQATDLNAIRAAGLR.L	35
PLOG-11887	proteomics_log	4191931	4191996	-	5	13	K.HQAYGVHLGQEDLQATDLNAIR.A	26
PLOG-11888	proteomics_log	4191931	4192008	-	5	31	R.LAIKHQAYGVHLGQEDLQATDLNAIR.A	30
PLOG-11889	proteomics_log	4192009	4192032	-	5	34	R.LFINDYWR.L	12
PLOG-11890	proteomics_log	4192045	4192110	-	5	3	R.IKDRRDEEVEADVVAIALGRR.Y	26
PLOG-11891	proteomics_log	4192048	4192110	-	5	12	R.IKDRRDEEVEADVVAIALGR.R	25
PLOG-11892	proteomics_log	4192147	4192191	-	5	31	R.SGLYPVVDSVQWIER.L	19
PLOG-11893	proteomics_log	4192147	4192227	-	5	7	V.MYQPDFPPVPFRSGLYPVVDSVQWIER.L	31
PLOG-11894	proteomics_log	4192147	4192227	-	5	7	V.MYQPDFPPVPFRSGLYPVVDSVQWIER.L	31
PLOG-11895	proteomics_log	4192192	4192227	-	5	2	V.MYQPDFPPVPFR.S	16
PLOG-11896	proteomics_log	4192192	4192227	-	5	2	V.MYQPDFPPVPFR.S	16
PLOG-11897	proteomics_log	4192389	4192433	-	4	9	R.AYHDETLQPESGKVA.H	19
PLOG-11898	proteomics_log	4192395	4192433	-	4	8	R.AYHDETLQPESGK.V	17
PLOG-11899	proteomics_log	4192434	4192478	-	4	20	R.WEDQFNALDPFTAR.A	19
PLOG-11900	proteomics_log	4192497	4192538	-	4	5	K.GHPGAQIRDNAM*SK.A	19
PLOG-11901	proteomics_log	4192497	4192538	-	4	91	K.GHPGAQIRDNAMSK.A	18
PLOG-11902	proteomics_log	4192539	4192568	-	4	16	K.IAAHAADLAK.G	14
PLOG-11903	proteomics_log	4192791	4192859	-	4	2	K.IAWEYDVQVMIEGPGHVPQMIR.R	27
PLOG-11904	proteomics_log	4193106	4193216	-	4	29	K.VNGIAEDLTWEAFRTLLEQAEQGVDFYFTIHAGVLLR.Y	41
PLOG-11905	proteomics_log	4193217	4193267	-	4	4	R.NSPVPIGTVPYIYQALEK.V	21
PLOG-11906	proteomics_log	4193301	4193339	-	4	5	R.WGADTVMDLSTGR.Y	17
PLOG-11907	proteomics_log	4193340	4193417	-	4	19	K.VNANIGNSAVTSSIEEEVEKLVWSTR.W	30
PLOG-11908	proteomics_log	4193340	4193432	-	4	4	R.NFLVKVNANIGNSAVTSSIEEEVEKLVWSTR.W	35
PLOG-11909	proteomics_log	4193433	4193489	-	4	19	R.AIIPANINHPSEPMIIGR.N	23

PLOG-11910	proteomics_log	4193490	4193576	-	4	2	R.HQHPGMSFGAHLPENITAEFVRDEVAAGR.A	33
PLOG-11911	proteomics_log	4193490	4193576	-	4	2	R.HQHPGM*SFGAHLPENITAEFVRDEVAAGR.A	34
PLOG-11912	proteomics_log	4193511	4193576	-	4	4	R.HQHPGM*SFGAHLPENITAEFVR.D	27
PLOG-11913	proteomics_log	4193619	4193660	-	4	10	R.QGIITPEMEFIAIR.E	18
PLOG-11914	proteomics_log	4193661	4193684	-	4	57	R.VTQLHYAR.Q	12
PLOG-11915	proteomics_log	4193661	4193687	-	4	9	R.RVTQLHYAR.Q	13
PLOG-11916	proteomics_log	4193706	4193729	-	4	4	R.FSGVLTPK.R	12
PLOG-11917	proteomics_log	4193706	4193759	-	4	57	R.LADDGLDELRFSGVLTPK.R	22
PLOG-11918	proteomics_log	4193730	4193759	-	4	114	R.LADDGLDEL.R.F	14
PLOG-11919	proteomics_log	4193784	4193810	-	4	10	R.GDTEELTVR.S	13
PLOG-11920	proteomics_log	4193811	4193837	-	4	3	K.LRQPWIDAR.G	13
PLOG-11921	proteomics_log	4193838	4193942	-	4	4	K.EQPQYEENEAIPVYDTSGPYGDPIAINVQQGLAK.L	39
PLOG-11922	proteomics_log	4193994	4194026	-	4	20	R.IYITGTHPGVR.V	15
PLOG-11923	proteomics_log	4193994	4194029	-	4	7	K.RIYITGTHPGVR.V	16
PLOG-11924	proteomics_log	4194027	4194080	-	4	49	R.AQHFDITLEGTAFPNSKR.I	22
PLOG-11925	proteomics_log	4194027	4194086	-	4	19	R.ARAQHFDITLEGTAFPNSKR.I	24
PLOG-11926	proteomics_log	4194030	4194080	-	4	50	R.AQHFDITLEGTAFPNSK.R	21
PLOG-11927	proteomics_log	4194373	4194420	-	5	67	R.FVLEDKILLVLDAAAR.V	20
PLOG-11928	proteomics_log	4194568	4194606	-	5	2	R.ILHKLENGQLAR.A	17
PLOG-11929	proteomics_log	4196826	4196912	-	4	11	R.LRRSDPVDLYRVDPRGSQKKPVRFEVERVM.T	33
PLOG-11930	proteomics_log	4199243	4199338	-	6	3	A.WATAAAVVAVIWWATGKSERFLVGLPATEIR.V	36
PLOG-11931	proteomics_log	4199243	4199338	-	6	3	A.WATAAAVVAVIWWATGKSERFLVGLPATEIR.V	36
PLOG-11932	proteomics_log	4202806	4202844	-	5	43	K.LADDEQVVTNGGR.V	17
PLOG-11933	proteomics_log	4202845	4202916	-	5	36	R.TGDVIHGLPLEEVAGGKVFHAGTK.L	28
PLOG-11934	proteomics_log	4202866	4202916	-	5	2	R.TGDVIHGLPLEEVAGGK.V	21
PLOG-11935	proteomics_log	4203049	4203084	-	5	3	R.FGDPETQPIM*LR.M	17
PLOG-11936	proteomics_log	4203049	4203084	-	5	135	R.FGDPETQPIMLR.M	16
PLOG-11937	proteomics_log	4203217	4203303	-	5	4	R.VGDKDTGPNTGGM*GAYSPAPVVTDDVHQR.T	34
PLOG-11938	proteomics_log	4203217	4203303	-	5	14	R.VGDKDTGPNTGGMGAYSPAPVVTDDVHQR.T	33
PLOG-11939	proteomics_log	4203304	4203405	-	5	3	R.IVIEEFLDGEEASFIVMVDGEHVLPMATSQDHKR.V	38
PLOG-11940	proteomics_log	4203406	4203495	-	5	50	K.GVIVAMTLEEAEAAVHDMLAGNAFGDAGHR.I	34
PLOG-11941	proteomics_log	4203406	4203504	-	5	5	A.AGKGVIVAMTLEEAEAAVHDMLAGNAFGDAGHR.I	37
PLOG-11942	proteomics_log	4203406	4203519	-	5	10	K.ADGLAAGKGVIVAMTLEEAEAAVHDMLAGNAFGDAGHR.I	42
PLOG-11943	proteomics_log	4203406	4203540	-	5	3	K.GAPIVIKADGLAAGKGVIVAMTLEEAEAAVHDMLAGNAFGDAGHR.I	49
PLOG-11944	proteomics_log	4203541	4203612	-	5	17	R.HKIPTAEYQNFTEVEPALAYLR.E	28
PLOG-11945	proteomics_log	4203547	4203612	-	5	53	R.HKIPTAEYQNFTEVEPALAYLR.E	26
PLOG-11946	proteomics_log	4203613	4203639	-	5	28	K.AFTKDFLAR.H	13
PLOG-11947	proteomics_log	4203613	4203684	-	5	3	K.IFGPTAGAAQLEGSKAFTKDFLAR.H	28
PLOG-11948	proteomics_log	4203613	4203699	-	5	59	R.AAGLKIFGPTAGAAQLEGSKAFTKDFLAR.H	33
PLOG-11949	proteomics_log	4203640	4203684	-	5	51	K.IFGPTAGAAQLEGSK.A	19
PLOG-11950	proteomics_log	4203640	4203699	-	5	8	R.AAGLKIFGPTAGAAQLEGSK.A	24
PLOG-11951	proteomics_log	4203721	4203762	-	5	21	K.IDLTVIGPEAPLVK.G	18
PLOG-11952	proteomics_log	4203763	4203900	-	5	10	K.AAQSPLVETVVFAPGNAGTALEPALQNVAIGVTDIPALLDFAQNEK.I	50
PLOG-11953	proteomics_log	4203922	4203954	-	5	2	-.MKVLVINGGGR.E	15
PLOG-11954	proteomics_log	4203922	4203954	-	5	2	-.M*KVLVINGGGR.E	16
PLOG-11955	proteomics_log	4204149	4204175	-	4	16	K.AADEGLEVK.G	13

PLOG-11956	proteomics_log	4204149	4204190	-	4	139	K.IAGIKAADEGLEVK.G	18
PLOG-11957	proteomics_log	4204206	4204247	-	4	2	K.NNM*TIGIGAGQMSR.V	19
PLOG-11958	proteomics_log	4204206	4204247	-	4	2	K.NNM*TIGIGAGQM*SR.V	20
PLOG-11959	proteomics_log	4204206	4204247	-	4	124	K.NNMTIGIGAGQMSR.V	18
PLOG-11960	proteomics_log	4204248	4204271	-	4	5	K.SNAIVYAK.N	12
PLOG-11961	proteomics_log	4204248	4204280	-	4	60	K.FVKSNAIVYAK.N	15
PLOG-11962	proteomics_log	4204311	4204337	-	4	5	K.RQPSEQELR.D	13
PLOG-11963	proteomics_log	4204311	4204349	-	4	3	R.VVTKRQPSEQELR.D	17
PLOG-11964	proteomics_log	4204338	4204412	-	4	2	R.VNGLLVQDRDLGMVGAEEELRVVTK.R	29
PLOG-11965	proteomics_log	4204350	4204382	-	4	6	R.DLGM*VGAEELR.V	16
PLOG-11966	proteomics_log	4204350	4204382	-	4	25	R.DLGMVGAEEELR.V	15
PLOG-11967	proteomics_log	4204350	4204412	-	4	7	R.VNGLLVQDRDLGMVGAEEELR.V	25
PLOG-11968	proteomics_log	4204383	4204412	-	4	8	R.VNGLLVQDR.D	14
PLOG-11969	proteomics_log	4204383	4204415	-	4	4	K.RVNGLLVQDR.D	15
PLOG-11970	proteomics_log	4204467	4204493	-	4	16	K.ITAAKQNV.R	13
PLOG-11971	proteomics_log	4204467	4204544	-	4	112	R.QFVEVIIAPSASEEALKITAAKQNV.R	30
PLOG-11972	proteomics_log	4204479	4204544	-	4	40	R.QFVEVIIAPSASEEALKITAAK.Q	26
PLOG-11973	proteomics_log	4204494	4204544	-	4	2	R.QFVEVIIAPSASEEALK.I	21
PLOG-11974	proteomics_log	4204545	4204583	-	4	78	R.ELDAETAQAIISR.Q	17
PLOG-11975	proteomics_log	4204545	4204628	-	4	10	K.TDPTSAFGGIIAFNREDAETAQAIISR.Q	32
PLOG-11976	proteomics_log	4204545	4204637	-	4	196	R.AYKTDPTSAFGGIIAFNREDAETAQAIISR.Q	35
PLOG-11977	proteomics_log	4204584	4204628	-	4	5	K.TDPTSAFGGIIAFNR.E	19
PLOG-11978	proteomics_log	4204584	4204637	-	4	69	R.AYKTDPTSAFGGIIAFNR.E	22
PLOG-11979	proteomics_log	4204695	4204781	-	4	6	K.ALSYNNIADTDAALECVKEFAEPACVIVK.H	33
PLOG-11980	proteomics_log	4204782	4204820	-	4	13	K.EASVATATQVQGK.A	17
PLOG-11981	proteomics_log	4204782	4204874	-	4	67	R.YGENSHQQAIFYIEENVKEASVATATQVQGK.A	35
PLOG-11982	proteomics_log	4204875	4204913	-	4	4	R.TLNLNFIKKLDMR.Y	17
PLOG-11983	proteomics_log	4204887	4204913	-	4	50	R.TLNLNFIKK.L	13
PLOG-11984	proteomics_log	4204890	4204913	-	4	18	R.TLNLNFIK.K	12
PLOG-11985	proteomics_log	4204938	4205021	-	4	36	K.AFEHTAAYDSMIANYFGSMVPAYHGSK.E	32
PLOG-11986	proteomics_log	4204938	4205039	-	4	2	R.FDLAIKAFEHTAAYDSMIANYFGSMVPAYHGSK.E	38
PLOG-11987	proteomics_log	4205040	4205108	-	4	2	K.SSDYDAIIEKEMDDNEGLTLATR.F	27
PLOG-11988	proteomics_log	4205109	4205138	-	4	4	K.NHKDVIVVK.S	14
PLOG-11989	proteomics_log	4205109	4205150	-	4	207	R.SAAKNHKDVIVVK.S	18
PLOG-11990	proteomics_log	4205151	4205213	-	4	4	R.EGCSLEDAVENIDIGGPTMVR.S	25
PLOG-11991	proteomics_log	4205214	4205306	-	4	2	R.GQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	37
PLOG-11992	proteomics_log	4205214	4205306	-	4	2	R.GQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	36
PLOG-11993	proteomics_log	4205214	4205306	-	4	62	R.GQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	35
PLOG-11994	proteomics_log	4205214	4205309	-	4	3	R.RGQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	38
PLOG-11995	proteomics_log	4205214	4205309	-	4	13	R.RGQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	37
PLOG-11996	proteomics_log	4205214	4205309	-	4	249	R.RGQDDAIM*EEHQIQPIDM*VVVNLYPFAQTVAR.E	36
PLOG-11997	proteomics_log	4205310	4205333	-	4	9	K.VHGGILGR.R	12
PLOG-11998	proteomics_log	4205310	4205348	-	4	9	K.TLHPKVHGGILGR.R	17
PLOG-11999	proteomics_log	4205325	4205414	-	4	51	K.GLPVTEVSDYTGFPPEMMDGRVKTLHPKVHG.G	34
PLOG-12000	proteomics_log	4205349	4205414	-	4	2	K.GLPVTEVSDYTGFPPEMMDGRVK.T	26
PLOG-12001	proteomics_log	4205349	4205429	-	4	7	R.LLAEKGLPVTEVSDYTGFPPEMMDGRVK.T	31

PLOG-12002	proteomics_log	4205355	4205402	-	4	2	V.TEVSDYTGFPPEMMDGR.V	20
PLOG-12003	proteomics_log	4205355	4205414	-	4	8	K.GLPVTEVSDYTGFPPEM*M*DGR.V	26
PLOG-12004	proteomics_log	4205355	4205414	-	4	182	K.GLPVTEVSDYTGFPPEMMDGR.V	24
PLOG-12005	proteomics_log	4205355	4205429	-	4	46	R.LLAEKGLPVTEVSDYTGFPPEMMDGR.V	29
PLOG-12006	proteomics_log	4205355	4205447	-	4	4	S.TGGTARLLAEKGLPVTEVSDYTGFPPEMMDGR.V	35
PLOG-12007	proteomics_log	4205430	4205465	-	4	237	R.GVELLSTGGTAR.L	16
PLOG-12008	proteomics_log	4205430	4205528	-	4	38	R.ALLSVSDKAGIVEFAQALSARGVELLSTGGTAR.L	37
PLOG-12009	proteomics_log	4205466	4205504	-	4	99	K.AGIVEFAQALSAR.G	17
PLOG-12010	proteomics_log	4205466	4205528	-	4	354	R.ALLSVSDKAGIVEFAQALSAR.G	25
PLOG-12011	proteomics_log	4205466	4205531	-	4	2	R.RALLSVSDKAGIVEFAQALSAR.G	26
PLOG-12012	proteomics_log	4205466	4205552	-	4	12	M.QRRPVRRALLSVSDKAGIVEFAQALSAR.G	33
PLOG-12013	proteomics_log	4205475	4205504	-	4	2	K.AGIVEFAQAL.S	14
PLOG-12014	proteomics_log	4223371	4223421	-	5	7	M.FGSKMISSGGKPTSSVR.I	21
PLOG-12015	proteomics_log	4227566	4227643	-	6	2	R.IRELLVVAPELTIIGLPEGNWITV/SK.G	30
PLOG-12016	proteomics_log	4227653	4227772	-	6	2	R.TTNDMPIVDPQGF DALNFLPLQINPHFTNALPEGHKGETR.E	44
PLOG-12017	proteomics_log	4227830	4227865	-	6	4	R.GLLAPITDVVKR.G	16
PLOG-12018	proteomics_log	4228073	4228165	-	6	16	V.MELLLLNSSTLPGKAWLEHALPLIAEQLQGR.R	35
PLOG-12019	proteomics_log	4230009	4230044	-	4	2	K.EVFGVLEPFNIR.M	16
PLOG-12020	proteomics_log	4230063	4230119	-	4	27	R.VEVEEGLALVALIGNDLSK.A	23
PLOG-12021	proteomics_log	4230255	4230290	-	4	28	R.GFLAEVFGILAR.H	16
PLOG-12022	proteomics_log	4230381	4230494	-	4	2	F.GAKVLHPATLLPAVRSDIPVFGSSKDPRAAGTLVCNK.T	42
PLOG-12023	proteomics_log	4230450	4230485	-	4	21	K.VLHPATLLPAVR.S	16
PLOG-12024	proteomics_log	4230450	4230539	-	4	2	R.IDEIAFAEAAEMATFGAKVLHPATLLPAVR.S	34
PLOG-12025	proteomics_log	4230486	4230539	-	4	5	R.IDEIAFAEAAEM*ATFGAK.V	23
PLOG-12026	proteomics_log	4230486	4230539	-	4	43	R.IDEIAFAEAAEMATFGAK.V	22
PLOG-12027	proteomics_log	4230486	4230542	-	4	17	K.RIDEIAFAEAAEMATFGAK.V	23
PLOG-12028	proteomics_log	4230486	4230560	-	4	18	R.VVSAKRIDEIAFAEAAEMATFGAK.V	29
PLOG-12029	proteomics_log	4230561	4230608	-	4	20	R.VDIWTDVPGIYTTPR.V	20
PLOG-12030	proteomics_log	4230561	4230662	-	4	10	R.GGSDYTAALLAEALHASRVDIWTDPGIYTTPR.V	38
PLOG-12031	proteomics_log	4230609	4230662	-	4	23	R.GGSDYTAALLAEALHASR.V	22
PLOG-12032	proteomics_log	4230609	4230680	-	4	16	R.TTTLGRGGSDYTAALLAEALHASR.V	28
PLOG-12033	proteomics_log	4230624	4230686	-	4	4	K.GRTTTLGRGGSDYTAALLAEA.L	25
PLOG-12034	proteomics_log	4230681	4230737	-	4	13	R.LNEGLVITQGFIGSENKGR.T	23
PLOG-12035	proteomics_log	4230681	4230794	-	4	9	R.AEPDIAALAEALQLLPRLNEGLVITQGFIGSENKGR.T	42
PLOG-12036	proteomics_log	4230681	4230815	-	4	3	R.TNDRFGRAEPDIAALAEALQLLPRLNEGLVITQGFIGSENKGR.T	49
PLOG-12037	proteomics_log	4230687	4230737	-	4	4	R.LNEGLVITQGFIGSENK.G	21
PLOG-12038	proteomics_log	4230738	4230794	-	4	17	R.AEPDIAALAEALQLLPR.L	23
PLOG-12039	proteomics_log	4230738	4230815	-	4	30	R.TNDRFGRAEPDIAALAEALQLLPR.L	30
PLOG-12040	proteomics_log	4230987	4231004	-	4	2	K.REEIER.G	10
PLOG-12041	proteomics_log	4230987	4231004	-	4	2	K.REEIER.G	10
PLOG-12042	proteomics_log	4230987	4231004	-	4	2	K.REEIER.G	10
PLOG-12043	proteomics_log	4231053	4231154	-	4	18	R.LVVLSASAGITNLLVALAEGLEPGERFEKLDAIR.N	38
PLOG-12044	proteomics_log	4231068	4231154	-	4	7	R.LVVLSASAGITNLLVALAEGLEPGERFEK.L	33
PLOG-12045	proteomics_log	4231077	4231154	-	4	12	R.LVVLSASAGITNLLVALAEGLEPGER.F	30
PLOG-12046	proteomics_log	4231155	4231190	-	4	11	R.SADIVLSDANVR.L	16
PLOG-12047	proteomics_log	4231191	4231232	-	4	2	K.FGGTSVADFDAM*NR.S	19

PLOG-12048	proteomics_log	4231191	4231232	-	4	46	K.FGGTSVADFDAMNR.S	18
PLOG-12049	proteomics_log	4231233	4231253	-	4	2	M.SEIVVSK.F	11
PLOG-12050	proteomics_log	4239183	4239263	-	4	32	K.FGRKPLQIIGALGM*AIGM*FSLGTAFYT.Q	33
PLOG-12051	proteomics_log	4243264	4243302	-	5	29	R.QTVDEALKDAQTR.I	17
PLOG-12052	proteomics_log	4243264	4243332	-	5	33	R.TAVINAASGRQTVDEALKDAQTR.I	27
PLOG-12053	proteomics_log	4243303	4243332	-	5	49	R.TAVINAASGR.Q	14
PLOG-12054	proteomics_log	4243333	4243386	-	5	31	K.GEIMPNIPQMSAFWYAVR.T	22
PLOG-12055	proteomics_log	4243333	4243416	-	5	76	R.IAATMENAQKGEIMPNIPQMSAFWYAVR.T	32
PLOG-12056	proteomics_log	4243387	4243416	-	5	3	R.IAATM*ENAQK.G	15
PLOG-12057	proteomics_log	4243387	4243416	-	5	11	R.IAATMENAQK.G	14
PLOG-12058	proteomics_log	4243534	4243611	-	5	2	K.GQPSKPFVGVLSAGINAASPNKELAK.E	30
PLOG-12059	proteomics_log	4243759	4243797	-	5	14	K.AGLTFLVDLIK.NK.H	17
PLOG-12060	proteomics_log	4243759	4243821	-	5	2	V.GVDNAGAKAGLTLFLVDLIK.NK.H	25
PLOG-12061	proteomics_log	4243765	4243797	-	5	32	K.AGLTFLVDLIK.N	15
PLOG-12062	proteomics_log	4243855	4243932	-	5	15	K.SALMFNLQEPYFTWPLIAADGGYAFK.Y	30
PLOG-12063	proteomics_log	4244008	4244058	-	5	15	K.LIAYPIAVEALSLIYNK.D	21
PLOG-12064	proteomics_log	4244071	4244166	-	5	18	R.FGGYAQSGLLAEITPDKAFQDKLYPFTWDAVR.Y	36
PLOG-12065	proteomics_log	4252315	4252362	-	5	3	R.YAITFWLLSANPSINR.G	20
PLOG-12066	proteomics_log	4252597	4252659	-	5	5	R.NNIAHMLVLPLSMAAIVTQHR.H	25
PLOG-12067	proteomics_log	4252945	4253028	-	5	3	R.ESIDPIEAVRPAWLTPVNNIAADLMVR.I	32
PLOG-12068	proteomics_log	4253179	4253256	-	5	10	R.GGTRPITLIPIYIGYEHVMEVGTYAK.E	30
PLOG-12069	proteomics_log	4253695	4253760	-	5	2	K.AQQNAIALMEEIAANFSYEMIR.L	26
PLOG-12070	proteomics_log	4253914	4253964	-	5	3	R.MADEHGTDKTIQKLAR.V	21
PLOG-12071	proteomics_log	4254427	4254459	-	5	2	K.LLNLPLSILVK.S	15
PLOG-12072	proteomics_log	4255708	4255752	-	5	2	R.DMLQPVAVANNPNRQ.P	19
PLOG-12073	proteomics_log	4257871	4257927	-	5	4	R.LMSLQDGAISAYDLLDLLR.E	23
PLOG-12074	proteomics_log	4261304	4261327	-	6	3	R.AHEILES.R.A	12
PLOG-12075	proteomics_log	4261376	4261435	-	6	8	R.EELTEASNELFSLIASGVIK.V	24
PLOG-12076	proteomics_log	4261436	4261486	-	6	3	K.GSLYVTRPSLQGYITTR.E	21
PLOG-12077	proteomics_log	4261856	4261939	-	6	9	K.AAILPAISFEQAAASFLKGLTVYYLLR.K	32
PLOG-12078	proteomics_log	4261883	4261939	-	6	11	K.AAILPAISFEQAAASFLK.G	23
PLOG-12079	proteomics_log	4262042	4262110	-	6	5	R.SGLYPPPSLPSGLGTEAAGIVSK.V	27
PLOG-12080	proteomics_log	4262111	4262146	-	6	24	K.AIGINFIDTYIR.S	16
PLOG-12081	proteomics_log	4262147	4262227	-	6	3	K.HGGPEVLQAVEFTPADPAENEIQVENK.A	31
PLOG-12082	proteomics_log	4262147	4262251	-	6	2	M.ATRIEFHKHGGPEVLQAVEFTPADPAENEIQVENK.A	39
PLOG-12083	proteomics_log	4268456	4268515	-	6	2	I.VCSLIVMLIISVVGNGAEEK.T	24
PLOG-12084	proteomics_log	4269471	4269545	-	4	13	K.TIHEVLDMTIEEAREFFDAVPALAR.K	29
PLOG-12085	proteomics_log	4269723	4269809	-	4	2	R.TPRSNPATYTGVTVPVRELFAGVPESRAR.G	33
PLOG-12086	proteomics_log	4269729	4269800	-	4	2	R.SNPATYTGVTVPVRELFAGVPESR.A	28
PLOG-12087	proteomics_log	4269915	4269956	-	4	3	K.STLINDTLFPIAQR.Q	18
PLOG-12088	proteomics_log	4271631	4271708	-	4	2	R.QFLSLMEKPDVDHIEGLSPAISIEQK.S	30
PLOG-12089	proteomics_log	4271826	4271864	-	4	2	R.THNLKNINLVIPR.D	17
PLOG-12090	proteomics_log	4272538	4272600	-	5	2	R.AAAELIATLRLRLTPTALRL.T	25
PLOG-12091	proteomics_log	4273851	4273871	-	4	3	R.FTLIIGR.C	11
PLOG-12092	proteomics_log	4281279	4281317	-	4	2	R.SQTGFGVEQGRAH.-	17
PLOG-12093	proteomics_log	4281285	4281317	-	4	9	R.SQTGFGVEQGR.A	15

PLOG-12094	proteomics_log	4283439	4283543	-	4	7	K.IAAGDTSNLGDTSTLADPGVVEKLLEEKQAIAMPS.-	39
PLOG-12095	proteomics_log	4283460	4283546	-	4	6	R.KIAAGDTSNLGDTSTLADPGVVEKLLEEK.Q	33
PLOG-12096	proteomics_log	4283475	4283513	-	4	2	G.DTSTLADPGVVEK.L	17
PLOG-12097	proteomics_log	4283475	4283537	-	4	3	A.AGDTSNLGDTSTLADPGVVEK.L	25
PLOG-12098	proteomics_log	4283475	4283543	-	4	7	K.IAAGDTSNLGDTSTLADPGVVEK.L	27
PLOG-12099	proteomics_log	4283475	4283546	-	4	11	R.KIAAGDTSNLGDTSTLADPGVVEK.L	28
PLOG-12100	proteomics_log	4283502	4283543	-	4	2	K.IAAGDTSNLGDTST.L	18
PLOG-12101	proteomics_log	4283577	4283642	-	4	10	R.KEIGPLATPDVLHWTDSLPKTR.S	26
PLOG-12102	proteomics_log	4283577	4283654	-	4	2	R.NWVRKEIGPLATPDVLHWTDSLPKTR.S	30
PLOG-12103	proteomics_log	4283583	4283639	-	4	2	K.EIGPLATPDVLHWTDSLPK.T	23
PLOG-12104	proteomics_log	4283583	4283642	-	4	32	R.KEIGPLATPDVLHWTDSLPK.T	24
PLOG-12105	proteomics_log	4283655	4283771	-	4	2	K.IAEAAVVGIPHNIKQAIYAVTLNHGEEPSPELYAEVR.N	43
PLOG-12106	proteomics_log	4283715	4283771	-	4	2	K.IAEAAVVGIPHNIKQAIY.A	23
PLOG-12107	proteomics_log	4283730	4283771	-	4	5	K.IAEAAVVGIPHNIK.G	18
PLOG-12108	proteomics_log	4283772	4283816	-	4	45	R.LGTAEIESALVAHPK.I	19
PLOG-12109	proteomics_log	4283772	4283849	-	4	2	R.VDDVLNVSGHRLGTAEIESALVAHPK.I	30
PLOG-12110	proteomics_log	4283817	4283849	-	4	22	R.VDDVLNVSGHR.L	15
PLOG-12111	proteomics_log	4283850	4283885	-	4	7	R.RDEDGYWITGR.V	16
PLOG-12112	proteomics_log	4283916	4283945	-	4	8	R.FEQTYFSTFK.N	14
PLOG-12113	proteomics_log	4284195	4284251	-	4	32	R.ILGSVGEPINPEAWEWYWK.K	23
PLOG-12114	proteomics_log	4284264	4284308	-	4	2	R.ALM*AEGDKAIEGTDR.S	20
PLOG-12115	proteomics_log	4284264	4284308	-	4	13	R.ALMAEGDKAIEGTDR.S	19
PLOG-12116	proteomics_log	4284309	4284371	-	4	3	R.MAQVVDKHKVNILYTAPTAR.A	25
PLOG-12117	proteomics_log	4284729	4284794	-	4	26	K.NVDDALKNPNVTSVEHVVLKR.T	26
PLOG-12118	proteomics_log	4284729	4284812	-	4	10	R.SIPLKKNVDDALKNPNVTSVEHVVLKR.T	32
PLOG-12119	proteomics_log	4284813	4284851	-	4	2	R.LVITSDEGVRAGR.S	17
PLOG-12120	proteomics_log	4284822	4284851	-	4	3	R.LVITSDEGVR.A	14
PLOG-12121	proteomics_log	4284852	4284872	-	4	3	R.IIDSNSR.L	11
PLOG-12122	proteomics_log	4284873	4284932	-	4	94	R.IGAVHSVIFGGFSPEAVAGR.I	24
PLOG-12123	proteomics_log	4284888	4284932	-	4	4	R.IGAVHSVIFGGFSPE.A	19
PLOG-12124	proteomics_log	4285005	4285037	-	4	6	R.FANTLLELGIK.K	15
PLOG-12125	proteomics_log	4285119	4285142	-	4	4	R.HLQENGDR.T	12
PLOG-12126	proteomics_log	4285347	4285391	-	4	30	M.SQIHKHTIPANIADR.C	19
PLOG-12127	proteomics_log	4294969	4295037	-	5	3	A.QYFLADSWFSSGDLSKAEYWAQK.A	27
PLOG-12128	proteomics_log	4301218	4301304	-	5	2	T.FEGKVDSIGYGVLPDDGGLVLGGLPKVSR.S	33
PLOG-12129	proteomics_log	4302857	4302913	-	6	28	K.NISLNFNMSNGDNLNLTN.D	23
PLOG-12130	proteomics_log	4306704	4306829	-	4	2	K.FHILVVFIIISGVCAGLAGVVSTARLGAAEPLAGMGFETYAIA.S	46
PLOG-12131	proteomics_log	4307591	4307668	-	6	2	K.AEYKVM*RQLADDGKVILM*VSELPE.I	32
PLOG-12132	proteomics_log	4309298	4309336	-	6	3	K.VLVVGTGDIPEAR.K	17
PLOG-12133	proteomics_log	4309760	4309813	-	6	2	K.GIAFAPLSSVNLVMPVAR.A	22
PLOG-12134	proteomics_log	4323339	4323383	-	4	3	K.VTDKFGVPMINVVK.Q	19
PLOG-12135	proteomics_log	4324476	4324508	-	4	3	R.LVEGDHNIDCK.I	15
PLOG-12136	proteomics_log	4329960	4329998	-	4	4	A.PGGYVSPANRQR.G	17
PLOG-12137	proteomics_log	4336840	4336938	-	5	2	K.SASLLREWVKMVNWKKPVFRRRWSLPGLVATAL.Y	37
PLOG-12138	proteomics_log	4337897	4337947	-	6	8	S.LLDHTGAFGESEKYAAR.V	21
PLOG-12139	proteomics_log	4344204	4344269	-	4	26	R.VDLNRPMEILAQLSQYPVSTR.L	26

PLOG-12140	proteomics_log	4344204	4344269	-	4	26	R.VDLNRPMEILAQLSQYPVSTR.L	26
PLOG-12141	proteomics_log	4344750	4344794	-	4	102	K.GGGSANKTYLYQETK.A	19
PLOG-12142	proteomics_log	4344750	4344794	-	4	102	K.GGGSANKTYLYQETK.A	19
PLOG-12143	proteomics_log	4344915	4344950	-	4	45	R.GVYNTYIEDNLR.Y	16
PLOG-12144	proteomics_log	4344915	4344950	-	4	45	R.GVYNTYIEDNLR.Y	16
PLOG-12145	proteomics_log	4346519	4346593	-	6	8	V.VAASATLQASGGLDVMLQIAEKLLR.R	29
PLOG-12146	proteomics_log	4351424	4351477	-	6	3	R.EIGNGFSELNDAEDQAER.F	22
PLOG-12147	proteomics_log	4351478	4351534	-	6	29	R.RNDVNPEITDRFEFFIGGR.E	23
PLOG-12148	proteomics_log	4351478	4351534	-	6	29	R.RNDVNPEITDRFEFFIGGR.E	23
PLOG-12149	proteomics_log	4351844	4351930	-	6	3	R.HNPEFTMMELYMAYADYHDLIELTESLFR.T	33
PLOG-12150	proteomics_log	4351979	4352005	-	6	11	K.RLVVGGFER.V	13
PLOG-12151	proteomics_log	4351979	4352005	-	6	11	K.RLVVGGFER.V	13
PLOG-12152	proteomics_log	4352003	4352029	-	6	6	R.IAPELYLKR.L	13
PLOG-12153	proteomics_log	4352003	4352029	-	6	6	R.IAPELYLKR.L	13
PLOG-12154	proteomics_log	4352030	4352077	-	6	5	R.PFITHHNALDLDMYLR.I	20
PLOG-12155	proteomics_log	4352030	4352077	-	6	5	R.PFITHHNALDLDMYLR.I	20
PLOG-12156	proteomics_log	4352459	4352494	-	6	91	K.ASFVTLQDVGGR.I	16
PLOG-12157	proteomics_log	4352459	4352494	-	6	91	K.ASFVTLQDVGGR.I	16
PLOG-12158	proteomics_log	4355375	4355434	-	6	2	H.YGIVASTETAAM*M*KGNAGK.R	26
PLOG-12159	proteomics_log	4360813	4360842	-	5	25	R.SQADVDTAHR.L	14
PLOG-12160	proteomics_log	4360894	4360965	-	5	4	K.SAAYDFTHELLTTLEVDDPAMVAK.Q	28
PLOG-12161	proteomics_log	4361212	4361295	-	5	2	K.LLELQGIANTTLEMVAERVDYPLDELRR.F	32
PLOG-12162	proteomics_log	4363597	4363716	-	5	2	A.LNVSPLTAVASFAAVSGLFILPTYPTLVAAVQM*DDTGTR.I	45
PLOG-12163	proteomics_log	4364938	4365015	-	5	8	R.GLLTEAELDDIFSVQNLMPAYKAKR.Y	30
PLOG-12164	proteomics_log	4364941	4365015	-	5	4	R.GLLTEAELDDIFSVQNLMPAYKAK.R	29
PLOG-12165	proteomics_log	4364947	4365015	-	5	2	R.GLLTEAELDDIFSVQNLMPAYK.A	28
PLOG-12166	proteomics_log	4364947	4365015	-	5	22	R.GLLTEAELDDIFSVQNLMPAYK.A	27
PLOG-12167	proteomics_log	4366141	4366185	-	5	3	K.KAAAM*ANKELQTIPK.S	20
PLOG-12168	proteomics_log	4366204	4366263	-	5	27	R.AIENFYISNNKISDIPEFVR.G	24
PLOG-12169	proteomics_log	4366264	4366305	-	5	12	R.EVPADAYYGVHTLR.A	18
PLOG-12170	proteomics_log	4366306	4366347	-	5	11	M.SNNIRIEEDLLGTR.E	18
PLOG-12171	proteomics_log	4377809	4377889	-	6	6	K.HVDPAAAIQQGVESKDFLIATLKPR.-	31
PLOG-12172	proteomics_log	4378115	4378162	-	6	2	R.TADQGTNIQTPAQM*AK.Y	21
PLOG-12173	proteomics_log	4378115	4378162	-	6	8	R.TADQGTNIQTPAQMAK.Y	20
PLOG-12174	proteomics_log	4378163	4378237	-	6	89	R.DLVVDMTHFIESLEAIKPYIIGNSR.T	29
PLOG-12175	proteomics_log	4378376	4378501	-	6	2	R.YNPEVDTAPHSAFYVPHYDATTSLLDALGYIKDNLAPDLSYR.W	46
PLOG-12176	proteomics_log	4378536	4378604	-	4	2	R.VYGGEDAADKAEAANKKEKANG.-	27
PLOG-12177	proteomics_log	4378536	4378604	-	4	2	R.VYGGEDAADKAEAANKKEKANG.-	27
PLOG-12178	proteomics_log	4378545	4378604	-	4	2	R.VYGGEDAADKAEAANKKEK.A	24
PLOG-12179	proteomics_log	4378884	4378916	-	4	10	K.TIDKLAELQER.F	15
PLOG-12180	proteomics_log	4379100	4379126	-	4	6	R.LAGEQATER.A	13
PLOG-12181	proteomics_log	4379127	4379168	-	4	3	R.LGSNSLAELVVFGR.L	18
PLOG-12182	proteomics_log	4379949	4380047	-	4	6	E.LWGPCWSRRPDGSVNVRRFGGM*KIERTWFAADK.T	38
PLOG-12183	proteomics_log	4379997	4380023	-	4	3	R.RPDGSVNV.R	13
PLOG-12184	proteomics_log	4380246	4380284	-	4	36	R.AAIAAAQANPNAK.I	17
PLOG-12185	proteomics_log	4387405	4387452	-	5	33	T.PAHLWLTTKTRSNPSK.E	20

PLOG-12186	proteomics_log	4387418	4387549	-	6	2	K.IGQPLAVSTETFTVTPDAEPAPLPAEEIEAEHDASPLVDDKKDQV.-	48
PLOG-12187	proteomics_log	4387550	4387591	-	6	7	K.VNLVEQLESLSVTK.I	18
PLOG-12188	proteomics_log	4387841	4387918	-	6	4	R.EMIYVPGDLFSVNHLTAQNPVNLFR.N	30
PLOG-12189	proteomics_log	4387997	4388059	-	6	5	K.GHNYSLEALLAGNYLMADLFR.N	25
PLOG-12190	proteomics_log	4388771	4388872	-	6	6	K.SSLLNALLGLQKEILTNDISDNSGLGQHTTTAAR.L	38
PLOG-12191	proteomics_log	4388837	4388872	-	6	2	K.SSLLNALLGLQK.E	16
PLOG-12192	proteomics_log	4388909	4388974	-	6	2	R.VLMVSSHTQDGLKPLEEALTGR.I	26
PLOG-12193	proteomics_log	4389224	4389250	-	6	3	K.GIVEAVHER.T	13
PLOG-12194	proteomics_log	4389344	4389391	-	6	2	R.FGM*HADVESADGDVHR.C	21
PLOG-12195	proteomics_log	4389344	4389391	-	6	4	R.FGMHADVESADGDVHR.C	20
PLOG-12196	proteomics_log	4394397	4394453	-	4	4	K.DDSVIAAILPLHRFGFTVF.G	23
PLOG-12197	proteomics_log	4394946	4394969	-	4	4	H.FTVGATVR.E	12
PLOG-12198	proteomics_log	4408788	4408871	-	4	2	R.RAISSATSLINDGLTFLNASSARASRL.A	32
PLOG-12199	proteomics_log	4415295	4415393	-	4	2	P.DPIMLAVHLTVGWRAVIPSAPIAPIDAPPTARR.S	37
PLOG-12200	proteomics_log	4420683	4420790	-	4	2	T.DTTARDKDVNRNTLEQRQIFQRQASGDGDFEAHIGK.T	40
PLOG-12201	proteomics_log	4428528	4428575	-	4	2	T.SSIPTKAKTAIWNPAK.K	20
PLOG-12202	proteomics_log	4431190	4431252	-	5	2	K.LIGHPTTTLAESVSHLFVNN.-	25
PLOG-12203	proteomics_log	4431415	4431507	-	5	8	R.VISEAGHEGKVYELAGDSAWTLTQLAAELTK.Q	35
PLOG-12204	proteomics_log	4431478	4431507	-	5	3	R.VISEAGHEGK.V	14
PLOG-12205	proteomics_log	4431508	4431534	-	5	3	R.ADYAAAAAR.V	13
PLOG-12206	proteomics_log	4431808	4431843	-	5	4	K.LLLISSEVQGQR.A	16
PLOG-12207	proteomics_log	4431985	4432047	-	5	5	P.MIAITGATGQLGHYVIESLMK.T	25
PLOG-12208	proteomics_log	4432648	4432698	-	5	14	K.VATDDIGFATYQVDLSK.-	21
PLOG-12209	proteomics_log	4432846	4432884	-	5	2	R.SVLAAWIADESKR.A	17
PLOG-12210	proteomics_log	4432954	4433028	-	5	13	R.IKNLTFNGKPIDPNAMFLVATNNYR.A	29
PLOG-12211	proteomics_log	4433245	4433292	-	5	6	R.NAADLYLPNTLIVVK.A	20
PLOG-12212	proteomics_log	4433437	4433514	-	5	3	K.SADNM*YSYLALVQDDPTVQVVNNAQK.A	31
PLOG-12213	proteomics_log	4433542	4433580	-	5	2	K.LVETLKADHDATR.Q	17
PLOG-12214	proteomics_log	4434151	4434186	-	5	13	K.FPYVNAVVIDAR.T	16
PLOG-12215	proteomics_log	4434187	4434282	-	5	36	K.ALNTLDYTVGTLGNHEFNGLDYLNALAGAK.F	36
PLOG-12216	proteomics_log	4434283	4434318	-	5	2	K.GLKAGDIHPVYK.A	16
PLOG-12217	proteomics_log	4434319	4434387	-	5	2	K.NSVLVDNGDLIQGSPLADYM*SAK.G	28
PLOG-12218	proteomics_log	4436842	4436919	-	5	2	K.LYPWSQFIVDSNGVALGAWQLDEESS.A	30
PLOG-12219	proteomics_log	4438657	4438689	-	5	3	V.VEAGALAGVLR.K	15
PLOG-12220	proteomics_log	4439747	4439791	-	6	14	R.SAIYPLTPEQDAAAR.A	19
PLOG-12221	proteomics_log	4439822	4439905	-	6	2	R.IVYDPSVISYEQLLQVFWENHDPAQGM.R.Q	32
PLOG-12222	proteomics_log	4439948	4440025	-	6	3	R.LFWQLPGVYSTAAGYTGGYTPNPTYR.E	30
PLOG-12223	proteomics_log	4440143	4440178	-	6	5	K.HLVSPADALPGR.N	16
PLOG-12224	proteomics_log	4440512	4440580	-	6	2	R.ARKRRSVGTSSLSIVESCARTFF.S	27
PLOG-12225	proteomics_log	4444555	4444581	-	5	4	R.RM*VQPNSAR.L	14
PLOG-12226	proteomics_log	4447160	4447186	-	6	145	K.AEIVASFER.A	13
PLOG-12227	proteomics_log	4447160	4447219	-	6	131	K.VEGWENAEAAKAEIVASFER.A	24
PLOG-12228	proteomics_log	4447160	4447228	-	6	23	K.WVKVEGWENAEAAKAEIVASFER.A	27
PLOG-12229	proteomics_log	4447160	4447234	-	6	152	K.GKWVKVEGWENAEAAKAEIVASFER.A	29
PLOG-12230	proteomics_log	4447184	4447234	-	6	5	K.GKWVKVEGWENAEAAK.A.E	21
PLOG-12231	proteomics_log	4447187	4447219	-	6	7	K.VEGWENAEAAK.A	15

PLOG-12232	proteomics_log	4447220	4447279	-	6	24	K.AQIAHFFEYHKDLEKGWVK.V	24
PLOG-12233	proteomics_log	4447229	4447279	-	6	10	K.AQIAHFFEYHKDLEKWK.W	21
PLOG-12234	proteomics_log	4447235	4447279	-	6	199	K.AQIAHFFEYHKDLEK.G	19
PLOG-12235	proteomics_log	4447235	4447336	-	6	12	K.LSKEYDHIKDVNDLPELLKAQIAHFFEYHKDLEK.G	38
PLOG-12236	proteomics_log	4447247	4447279	-	6	7	K.AQIAHFFEYHK.D	15
PLOG-12237	proteomics_log	4447280	4447309	-	6	2	K.DVNDLPELLK.A	14
PLOG-12238	proteomics_log	4447280	4447327	-	6	37	K.EYDHIKDVNDLPELLK.A	20
PLOG-12239	proteomics_log	4447280	4447336	-	6	176	K.LSKEYDHIKDVNDLPELLK.A	23
PLOG-12240	proteomics_log	4447280	4447360	-	6	3	K.LVAVPHSKLSKEYDHIKDVNDLPELLK.A	31
PLOG-12241	proteomics_log	4447280	4447390	-	6	3	K.M*TDEAGEDAKLVAVPHSKLSKEYDHIKDVNDLPELLK.A	42
PLOG-12242	proteomics_log	4447328	4447360	-	6	4	K.LVAVPHSKLSK.E	15
PLOG-12243	proteomics_log	4447328	4447390	-	6	2	K.MTDEAGEDAKLVAVPHSKLSK.E	25
PLOG-12244	proteomics_log	4447337	4447360	-	6	9	K.LVAVPHSK.L	12
PLOG-12245	proteomics_log	4447337	4447390	-	6	9	K.M*TDEAGEDAKLVAVPHSK.L	23
PLOG-12246	proteomics_log	4447337	4447390	-	6	341	K.MTDEAGEDAKLVAVPHSK.L	22
PLOG-12247	proteomics_log	4447361	4447390	-	6	11	K.M*TDEAGEDAK.L	15
PLOG-12248	proteomics_log	4447361	4447390	-	6	128	K.MTDEAGEDAK.L	14
PLOG-12249	proteomics_log	4447415	4447471	-	6	2	D.PVDVLVPTYPLQPGSVIR.C	23
PLOG-12250	proteomics_log	4447415	4447507	-	6	21	Y.GYINHTLSLDGDPVDVLVPTYPLQPGSVIR.C	35
PLOG-12251	proteomics_log	4447415	4447543	-	6	5	R.FMSTAMFYPCNYGYINHTLSLDGDPVDVLVPTYPLQPGSVIR.C	47
PLOG-12252	proteomics_log	4447544	4447609	-	6	3	I.PANADPIKYEIDKESGALFVDR.F	26
PLOG-12253	proteomics_log	4447544	4447645	-	6	77	K.DLPEDIYVVEIIPANADPIKYEIDKESGALFVDR.F	38
PLOG-12254	proteomics_log	4447544	4447672	-	6	307	M.SLLNVPAGKDLPEDIYVVEIIPANADPIKYEIDKESGALFVDR.F	47
PLOG-12255	proteomics_log	4447571	4447672	-	6	3	M.SLLNVPAGKDLPEDIYVVEIIPANADPIKYEIDK.E	38
PLOG-12256	proteomics_log	4447646	4447672	-	6	4	M.SLLNVPAGK.D	13
PLOG-12257	proteomics_log	4452661	4452705	-	5	64	R.SFFVGNDDHMMVEDVER.F	19
PLOG-12258	proteomics_log	4452661	4452708	-	5	23	R.RSFFVGNDDHMMVEDVER.F	20
PLOG-12259	proteomics_log	4452673	4452705	-	5	5	R.SFFVGNDDHMMVE.D	15
PLOG-12260	proteomics_log	4452709	4452744	-	5	62	R.ILDIIPETLHQR.R	16
PLOG-12261	proteomics_log	4452715	4452744	-	5	31	R.ILDIIPETLH.Q	14
PLOG-12262	proteomics_log	4452820	4452885	-	5	30	R.NLLKGGIYLYPSTASHPDGKLR.L	26
PLOG-12263	proteomics_log	4452826	4452885	-	5	2	R.NLLKGGIYLYPSTASHPDGK.L	24
PLOG-12264	proteomics_log	4452886	4452918	-	5	15	R.YIGSLVADFHR.N	15
PLOG-12265	proteomics_log	4453441	4453506	-	5	2	K.AGLVDILGASGAENVQGEVQK.L	26
PLOG-12266	proteomics_log	4453531	4453599	-	5	11	K.QHEFSHATGELTALLSAIKLGAK.I	27
PLOG-12267	proteomics_log	4453531	4453632	-	5	2	F.M*KTLGEFIVEKQHEFSHATGELTALLSAIKLGAK.I	39
PLOG-12268	proteomics_log	4453531	4453632	-	5	30	F.MKTLGEFIVEKQHEFSHATGELTALLSAIKLGAK.I	38
PLOG-12269	proteomics_log	4453543	4453599	-	5	6	K.QHEFSHATGELTALLSAIK.L	23
PLOG-12270	proteomics_log	4453543	4453626	-	5	13	K.TLGEFIVEKQHEFSHATGELTALLSAIK.L	32
PLOG-12271	proteomics_log	4453543	4453632	-	5	51	F.MKTLGEFIVEKQHEFSHATGELTALLSAIK.L	34
PLOG-12272	proteomics_log	4453600	4453632	-	5	15	F.MKTLGEFIVEK.Q	15
PLOG-12273	proteomics_log	4455697	4455765	-	5	44	R.LGAEIVDLGKNALDKIPLDADR.A	27
PLOG-12274	proteomics_log	4459175	4459276	-	6	2	R.LNADDDVSEIFKNGRASISLGYIGIHETINALFG.G	38
PLOG-12275	proteomics_log	4468553	4468582	-	6	32	K.IEIEAIAVRR.-	14
PLOG-12276	proteomics_log	4468553	4468621	-	6	7	R.SCVEVARLPKDVKIEIEAIAVRR.-	27
PLOG-12277	proteomics_log	4468556	4468582	-	6	18	K.IEIEAIAVRR.R	13

PLOG-12278	proteomics_log	4468556	4468600	-	6	3	R.LPKDVKIEIEIAVR.R	19
PLOG-12279	proteomics_log	4468583	4468600	-	6	4	R.LPKDVK.L	10
PLOG-12280	proteomics_log	4468583	4468600	-	6	4	R.LPKDVK.L	10
PLOG-12281	proteomics_log	4468583	4468621	-	6	7	R.SCVEVARLPKDVK.I	17
PLOG-12282	proteomics_log	4468622	4468693	-	6	3	L.NDFATVNATYEAFFTEHNATFFPAR.S	28
PLOG-12283	proteomics_log	4468622	4468699	-	6	64	K.DLNDFATVNATYEAFFTEHNATFFPAR.S	30
PLOG-12284	proteomics_log	4468622	4468705	-	6	3	F.VKDLNDFATVNATYEAFFTEHNATFFPAR.S	32
PLOG-12285	proteomics_log	4468622	4468717	-	6	359	K.TTVFVKDLNDFATVNATYEAFFTEHNATFFPAR.S	36
PLOG-12286	proteomics_log	4468700	4468762	-	6	2	K.AIVEAAGLKVGDIVKTTVFVK.D	25
PLOG-12287	proteomics_log	4468700	4468783	-	6	5	R.QSLDNVKAIVEAAGLKVGDIVKTTVFVK.D	32
PLOG-12288	proteomics_log	4468718	4468762	-	6	160	K.AIVEAAGLKVGDIVK.T	19
PLOG-12289	proteomics_log	4468718	4468783	-	6	11	R.QSLDNVKAIVEAAGLKVGDIVK.T	26
PLOG-12290	proteomics_log	4468718	4468822	-	6	7	K.TGEVPADVAAQARQSLDNVKAIVEAAGLKVGDIVK.T	39
PLOG-12291	proteomics_log	4468736	4468762	-	6	94	K.AIVEAAGLK.V	13
PLOG-12292	proteomics_log	4468736	4468783	-	6	9	R.QSLDNVKAIVEAAGLK.V	20
PLOG-12293	proteomics_log	4468784	4468810	-	6	16	V.PADVAAQAR.Q	13
PLOG-12294	proteomics_log	4468784	4468822	-	6	200	K.TGEVPADVAAQAR.Q	17
PLOG-12295	proteomics_log	4468823	4468894	-	6	23	I.GPYVQGVLDLGNM*IITSGQIPVNP.K.T	29
PLOG-12296	proteomics_log	4468823	4468927	-	6	13	K.TIATENAPAAIGPYVQGVLDLGNMIITSGQIPVNP.K.T	39
PLOG-12297	proteomics_log	4468823	4468933	-	6	5	M.SKTIATENAPAAIGPYVQGVLDLGNM*IITSGQIPVNP.K.T	42
PLOG-12298	proteomics_log	4468823	4468933	-	6	291	M.SKTIATENAPAAIGPYVQGVLDLGNMIITSGQIPVNP.K.T	41
PLOG-12299	proteomics_log	4469060	4469086	-	6	12	R.KRANDIALK.C	13
PLOG-12300	proteomics_log	4469189	4469215	-	6	76	R.IDNYEVVGK.S	13
PLOG-12301	proteomics_log	4469189	4469278	-	6	24	T.FLSEDQVDQLALYAPQATVNRIDNYEVVGK.S	34
PLOG-12302	proteomics_log	4469189	4469290	-	6	80	K.IENTFLESDQVDQLALYAPQATVNRIDNYEVVGK.S	38
PLOG-12303	proteomics_log	4469189	4469302	-	6	30	K.DLIKIENTFLESDQVDQLALYAPQATVNRIDNYEVVGK.S	42
PLOG-12304	proteomics_log	4469216	4469278	-	6	13	T.FLSEDQVDQLALYAPQATVNR.I	25
PLOG-12305	proteomics_log	4469216	4469290	-	6	38	K.IENTFLESDQVDQLALYAPQATVNR.I	29
PLOG-12306	proteomics_log	4469216	4469302	-	6	43	K.DLIKIENTFLESDQVDQLALYAPQATVNR.I	33
PLOG-12307	proteomics_log	4469216	4469305	-	6	6	R.KDLKIENTFLESDQVDQLALYAPQATVNR.I	34
PLOG-12308	proteomics_log	4469216	4469347	-	6	5	R.ITIGLNLPSEGEMGRKDLK.I	48
PLOG-12309	proteomics_log	4469291	4469347	-	6	10	R.ITIGLNLPSEGEMGRKDLK.I	23
PLOG-12310	proteomics_log	4469291	4469368	-	6	2	K.LTETDQRITIGLNLPSEGEMGRKDLK.I	30
PLOG-12311	proteomics_log	4469303	4469347	-	6	3	R.ITIGLNLPSEGEM*GRK.D	20
PLOG-12312	proteomics_log	4469303	4469347	-	6	70	R.ITIGLNLPSEGEMGRK.D	19
PLOG-12313	proteomics_log	4469303	4469368	-	6	4	K.LTETDQRITIGLNLPSEGEMGRK.D	26
PLOG-12314	proteomics_log	4469303	4469386	-	6	14	K.LLSLFKLTETDQRITIGLNLPSEGEMGRK.D	32
PLOG-12315	proteomics_log	4469306	4469347	-	6	13	R.ITIGLNLPSEGEM*GR.K	19
PLOG-12316	proteomics_log	4469306	4469347	-	6	121	R.ITIGLNLPSEGEMGR.K	18
PLOG-12317	proteomics_log	4469306	4469386	-	6	3	K.LLSLFKLTETDQRITIGLNLPSEGEMGR.K	31
PLOG-12318	proteomics_log	4469348	4469380	-	6	3	L.SLFKLTETDQR.I	15
PLOG-12319	proteomics_log	4469348	4469386	-	6	102	K.LLSLFKLTETDQR.I	17
PLOG-12320	proteomics_log	4469348	4469428	-	6	50	R.GTVIDHIPAQIGFKLLSLFKLTETDQR.I	31
PLOG-12321	proteomics_log	4469369	4469407	-	6	5	I.PAQIGFKLLSLFK.L	17
PLOG-12322	proteomics_log	4469369	4469428	-	6	85	R.GTVIDHIPAQIGFKLLSLFK.L	24
PLOG-12323	proteomics_log	4469369	4469431	-	6	2	K.RGTVIDHIPAQIGFKLLSLFK.L	25

PLOG-12324	proteomics_log	4469387	4469428	-	6	245	R.GTVIDHIPAQIGFK.L	18
PLOG-12325	proteomics_log	4469387	4469431	-	6	39	K.RGTVIDHIPAQIGFK.L	19
PLOG-12326	proteomics_log	4469387	4469452	-	6	2	K.LQVEAIKRGTVIDHIPAQIGFK.L	26
PLOG-12327	proteomics_log	4469387	4469467	-	6	57	M.THDNKLQVEAIKRGTVIDHIPAQIGFK.L	31
PLOG-12328	proteomics_log	4469387	4469470	-	6	28	E.MTHDNKLQVEAIKRGTVIDHIPAQIGFK.L	32
PLOG-12329	proteomics_log	4469429	4469452	-	6	5	K.LQVEAIKR.G	12
PLOG-12330	proteomics_log	4469429	4469467	-	6	169	M.THDNKLQVEAIKR.G	17
PLOG-12331	proteomics_log	4469429	4469470	-	6	12	E.M*THDNKLQVEAIKR.G	19
PLOG-12332	proteomics_log	4469429	4469470	-	6	76	E.MTHDNKLQVEAIKR.G	18
PLOG-12333	proteomics_log	4469432	4469467	-	6	22	M.THDNKLQVEAIK.R	16
PLOG-12334	proteomics_log	4469432	4469470	-	6	10	E.MTHDNKLQVEAIK.R	17
PLOG-12335	proteomics_log	4469486	4469527	-	6	126	R.QALLALVLNRDLVL.-	18
PLOG-12336	proteomics_log	4469489	4469527	-	6	5	R.QALLALVLNRDLV.L	17
PLOG-12337	proteomics_log	4469498	4469527	-	6	261	R.QALLALVLNR.D	14
PLOG-12338	proteomics_log	4469528	4469563	-	6	3	W.YFQQAGNGIFAR.Q	16
PLOG-12339	proteomics_log	4469528	4469578	-	6	2	K.TPHAWYFQQAGNGIFAR.Q	21
PLOG-12340	proteomics_log	4469528	4469608	-	6	296	R.VDEIATDVKTPHAWYFQQAGNGIFAR.Q	31
PLOG-12341	proteomics_log	4469528	4469629	-	6	51	K.VLHPLPRVDEIATDVKTPHAWYFQQAGNGIFAR.Q	38
PLOG-12342	proteomics_log	4469528	4469641	-	6	3	K.ANM*KVLHPLPRVDEIATDVKTPHAWYFQQAGNGIFAR.Q	43
PLOG-12343	proteomics_log	4469609	4469641	-	6	3	K.ANM*KVLHPLPR.V	16
PLOG-12344	proteomics_log	4469609	4469641	-	6	35	K.ANMKVLHPLPR.V	15
PLOG-12345	proteomics_log	4469609	4469665	-	6	32	R.ASDLHNAKANMKVLHPLPR.V	23
PLOG-12346	proteomics_log	4469630	4469665	-	6	34	R.ASDLHNAKANM*K.V	17
PLOG-12347	proteomics_log	4469630	4469665	-	6	115	R.ASDLHNAKANM.V	16
PLOG-12348	proteomics_log	4469642	4469665	-	6	19	R.ASDLHNAK.A	12
PLOG-12349	proteomics_log	4469666	4469713	-	6	18	R.LDPSEYANVKAQFVLR.A	20
PLOG-12350	proteomics_log	4469666	4469728	-	6	27	R.VQKERLDPSEYANVKAQFVLR.A	25
PLOG-12351	proteomics_log	4469684	4469713	-	6	25	R.LDPSEYANVK.A	14
PLOG-12352	proteomics_log	4469684	4469719	-	6	9	K.ERLDPSEYANVK.A	16
PLOG-12353	proteomics_log	4469684	4469728	-	6	7	R.VQKERLDPSEYANVK.A	19
PLOG-12354	proteomics_log	4469714	4469764	-	6	4	E.VMAEVDILYMTRVQKER.L	21
PLOG-12355	proteomics_log	4469729	4469800	-	6	2	K.GIAWSLHSSIEEVMMAEVDILYM*TR.V	29
PLOG-12356	proteomics_log	4469729	4469800	-	6	35	K.GIAWSLHSSIEEVMMAEVDILYMTR.V	28
PLOG-12357	proteomics_log	4469774	4469866	-	6	2	R.FYFIAPDALAMPQYILDM*LDEKGIAWSLHSS.I	36
PLOG-12358	proteomics_log	4469801	4469866	-	6	10	R.FYFIAPDALAM*PQYILDMLDEK.G	27
PLOG-12359	proteomics_log	4469801	4469866	-	6	32	R.FYFIAPDALAMPQYILDM*LDEK.G	27
PLOG-12360	proteomics_log	4469801	4469866	-	6	104	R.FYFIAPDALAMPQYILDMLDEK.G	26
PLOG-12361	proteomics_log	4469801	4469881	-	6	2	K.FDGNRFYFIAPDALAM*PQYILDMLDEK.G	32
PLOG-12362	proteomics_log	4469801	4469881	-	6	2	K.FDGNRFYFIAPDALAMPQYILDM*LDEK.G	32
PLOG-12363	proteomics_log	4469801	4469881	-	6	19	K.FDGNRFYFIAPDALAMPQYILDMLDEK.G	31
PLOG-12364	proteomics_log	4469882	4469914	-	6	141	R.TVHSLTQALAK.F	15
PLOG-12365	proteomics_log	4469915	4469962	-	6	18	R.LDNLHVAMVGDLYGR.T	20
PLOG-12366	proteomics_log	4469924	4469962	-	6	52	R.LDNLHVAMVGDLYGR.T	17
PLOG-12367	proteomics_log	4469963	4470076	-	6	79	R.LATEFSGNVVPLNAGDGSNQHPTQTLTLLDFTIQETQGR.L	42
PLOG-12368	proteomics_log	4470077	4470163	-	6	38	K.GETLADTISVISTYVDAIVM*RHPQEGAAR.L	34
PLOG-12369	proteomics_log	4470077	4470163	-	6	110	K.GETLADTISVISTYVDAIVMRHPQEGAAR.L	33

PLOG-12370	proteomics_log	4470077	4470166	-	6	57	K.KGETLADTISVISTYVDAIVM*RHPQEGAAR.L	35
PLOG-12371	proteomics_log	4470077	4470166	-	6	217	K.KGETLADTISVISTYVDAIVMRHPQEGAAR.L	34
PLOG-12372	proteomics_log	4470077	4470220	-	6	23	R.LGASVVGFSANTSLSGKKGETLADTISVISTYVDAIVM*RHPQEGAAR.L	53
PLOG-12373	proteomics_log	4470077	4470220	-	6	33	R.LGASVVGFSANTSLSGKKGETLADTISVISTYVDAIVMRHPQEGAAR.L	52
PLOG-12374	proteomics_log	4470101	4470163	-	6	64	K.GETLADTISVISTYVDAIVM*R.H	26
PLOG-12375	proteomics_log	4470101	4470163	-	6	101	K.GETLADTISVISTYVDAIVMR.H	25
PLOG-12376	proteomics_log	4470101	4470166	-	6	65	K.KGETLADTISVISTYVDAIVM*R.H	27
PLOG-12377	proteomics_log	4470101	4470166	-	6	79	K.KGETLADTISVISTYVDAIVMR.H	26
PLOG-12378	proteomics_log	4470101	4470220	-	6	13	R.LGASVVGFSANTSLSGKKGETLADTISVISTYVDAIVM*R.H	45
PLOG-12379	proteomics_log	4470101	4470220	-	6	66	R.LGASVVGFSANTSLSGKKGETLADTISVISTYVDAIVMR.H	44
PLOG-12380	proteomics_log	4470164	4470220	-	6	23	R.LGASVVGFSANTSLSGKK.G	23
PLOG-12381	proteomics_log	4470167	4470220	-	6	40	R.LGASVVGFSANTSLSGK.K	22
PLOG-12382	proteomics_log	4470167	4470223	-	6	8	H.RLGASVVGFSANTSLSGK.K	23
PLOG-12383	proteomics_log	4470167	4470247	-	6	18	R.LSFETSMHRLGASVVGFSANTSLSGK.K	31
PLOG-12384	proteomics_log	4470221	4470247	-	6	3	R.LSFETSM*HR.L	14
PLOG-12385	proteomics_log	4470221	4470247	-	6	67	R.LSFETSMHR.L	13
PLOG-12386	proteomics_log	4470221	4470253	-	6	2	R.TRLSFETSM*HR.L	16
PLOG-12387	proteomics_log	4470221	4470253	-	6	238	R.TRLSFETSMHR.L	15
PLOG-12388	proteomics_log	4470254	4470289	-	6	5	K.VIASCFEASTR.T	16
PLOG-12389	proteomics_log	4470254	4470328	-	6	3	K.LKANPPELLKHKVIASCFEASTR.T	29
PLOG-12390	proteomics_log	4470290	4470322	-	6	10	K.ANPPELLKHK.V	15
PLOG-12391	proteomics_log	4470290	4470328	-	6	84	K.LKANPPELLKHK.V	17
PLOG-12392	proteomics_log	4470296	4470328	-	6	9	K.LKANPPELLK.H	15
PLOG-12393	proteomics_log	4470296	4470364	-	6	2	R.DDLNLVLATAAKLKANPPELLK.H	27
PLOG-12394	proteomics_log	4470296	4470394	-	6	5	K.HIISINDLSRDDLNVLATAAKLKANPPELLK.H	37
PLOG-12395	proteomics_log	4470296	4470415	-	6	3	M.ANPLYQKHIISINDLSRDDLNVLATAAKLKANPPELLK.H	44
PLOG-12396	proteomics_log	4470323	4470364	-	6	5	R.DDLNLVLATAAKL.A	18
PLOG-12397	proteomics_log	4470323	4470394	-	6	104	K.HIISINDLSRDDLNVLATAAKL.A	28
PLOG-12398	proteomics_log	4470323	4470415	-	6	21	M.ANPLYQKHIISINDLSRDDLNVLATAAKL.A	35
PLOG-12399	proteomics_log	4470329	4470364	-	6	160	R.DDLNLVLATAAK.L	16
PLOG-12400	proteomics_log	4470329	4470394	-	6	57	K.HIISINDLSRDDLNVLATAAK.L	26
PLOG-12401	proteomics_log	4470329	4470415	-	6	153	M.ANPLYQKHIISINDLSRDDLNVLATAAK.L	33
PLOG-12402	proteomics_log	4470365	4470394	-	6	115	K.HIISINDLSR.D	14
PLOG-12403	proteomics_log	4470365	4470415	-	6	17	M.ANPLYQKHIISINDLSR.D	21
PLOG-12404	proteomics_log	4470395	4470415	-	6	7	M.ANPLYQK.H	11
PLOG-12405	proteomics_log	4475333	4475359	-	6	5	K.AVMVATLSK.-	13
PLOG-12406	proteomics_log	4475333	4475374	-	6	3	R.M*HTIKAVM*VATLSK.-	20
PLOG-12407	proteomics_log	4475333	4475374	-	6	14	R.MHTIKAVMVATLSK.-	18
PLOG-12408	proteomics_log	4475525	4475557	-	6	2	K.M*M*QLTGNPEVK.F	17
PLOG-12409	proteomics_log	4475525	4475557	-	6	13	K.MMQLTGNPEVK.F	15
PLOG-12410	proteomics_log	4475558	4475593	-	6	15	R.IALLREYQVNSK.M	16
PLOG-12411	proteomics_log	4475672	4475725	-	6	11	R.ALAQQNGGNITLTEDVAK.G	22
PLOG-12412	proteomics_log	4475780	4475836	-	6	4	R.NNM*GNSM*LEAAALTGLDLR.L	25
PLOG-12413	proteomics_log	4475780	4475836	-	6	6	R.NNM*GNSMLEAAALTGLDLR.L	24
PLOG-12414	proteomics_log	4475780	4475836	-	6	214	R.NNMGNSMLEAAALTGLDLR.L	23
PLOG-12415	proteomics_log	4475780	4475836	-	6	4	R.NNM*GNSM*LEAAALTGLDLR.L	25

PLOG-12416	proteomics_log	4475780	4475836	-	6	6	R.NNM*GNSMLEAAAALTGLDLR.L	24
PLOG-12417	proteomics_log	4475780	4475836	-	6	214	R.NNMGNSMLEAAAALTGLDLR.L	23
PLOG-12418	proteomics_log	4475837	4475878	-	6	26	K.AFNEMTLVYAGDAR.N	18
PLOG-12419	proteomics_log	4475837	4475878	-	6	26	K.AFNEMTLVYAGDAR.N	18
PLOG-12420	proteomics_log	4476014	4476037	-	6	12	R.MYDGIQYR.G	12
PLOG-12421	proteomics_log	4476014	4476037	-	6	12	R.MYDGIQYR.G	12
PLOG-12422	proteomics_log	4476050	4476115	-	6	74	R.VTYLGPSPGSQIGHKESIKDTAR.V	26
PLOG-12423	proteomics_log	4476050	4476115	-	6	74	R.VTYLGPSPGSQIGHKESIKDTAR.V	26
PLOG-12424	proteomics_log	4476074	4476115	-	6	3	R.VTYLGPSPGSQIGHK.E	18
PLOG-12425	proteomics_log	4476074	4476115	-	6	3	R.VTYLGPSPGSQIGHK.E	18
PLOG-12426	proteomics_log	4476161	4476196	-	6	115	K.NIALIFEKDSTR.T	16
PLOG-12427	proteomics_log	4476161	4476196	-	6	115	K.NIALIFEKDSTR.T	16
PLOG-12428	proteomics_log	4476161	4476229	-	6	2	K.SGKEEAKLTGKNIALIFEKDSTR.T	27
PLOG-12429	proteomics_log	4476197	4476229	-	6	12	K.SGKEEAKLTGK.N	15
PLOG-12430	proteomics_log	4476248	4476301	-	6	314	K.LLDFTPaelNSLLQLAAK.L	22
PLOG-12431	proteomics_log	4476260	4476301	-	6	3	K.LLDFTPaelNSLLQL.L	18
PLOG-12432	proteomics_log	4476302	4476331	-	6	3	M.SGFYHKHFLK.L	14
PLOG-12433	proteomics_log	4477489	4477521	-	5	4	R.LTLQDNPAIAR.V	15
PLOG-12434	proteomics_log	4477489	4477524	-	5	4	R.RLTLQDNPAIAR.V	16
PLOG-12435	proteomics_log	4479008	4479040	-	6	18	K.LIEQQAVIAAL.-	15
PLOG-12436	proteomics_log	4479047	4479076	-	6	3	R.EKLEGYAEAK.A	14
PLOG-12437	proteomics_log	4479077	4479106	-	6	10	R.APEAVIAKER.E	14
PLOG-12438	proteomics_log	4479083	4479106	-	6	2	R.APEAVIAK.E	12
PLOG-12439	proteomics_log	4479107	4479145	-	6	5	R.IENKLANEGFVAR.A	17
PLOG-12440	proteomics_log	4479107	4479187	-	6	3	R.LAKEVAKIEGEISRIENKLANEGFVAR.A	31
PLOG-12441	proteomics_log	4479134	4479187	-	6	6	R.LAKEVAKIEGEISRIENK.L	22
PLOG-12442	proteomics_log	4479188	4479256	-	6	121	K.IIDGAELLIPMAGLINKEDELAR.L	27
PLOG-12443	proteomics_log	4479188	4479313	-	6	7	R.LESITVLPADDKGPVSVTKIIDGAELLIPMAGLINKEDELAR.L	46
PLOG-12444	proteomics_log	4479257	4479313	-	6	24	R.LESITVLPADDKGPVSVTK.I	23
PLOG-12445	proteomics_log	4479314	4479337	-	6	7	R.GFLQTLAR.L	12
PLOG-12446	proteomics_log	4479314	4479355	-	6	4	R.RVNENRGFLQTLAR.L	18
PLOG-12447	proteomics_log	4479380	4479427	-	6	6	R.AEMNIAPGKPLELLLR.G	20
PLOG-12448	proteomics_log	4480076	4480117	-	6	10	R.TGNMMQPQLADKIR.K	18
PLOG-12449	proteomics_log	4480118	4480189	-	6	2	K.SKGNVIDPLDM*VDGISLPELLEKR.T	29
PLOG-12450	proteomics_log	4480118	4480189	-	6	160	K.SKGNVIDPLDMVDGISLPELLEKR.T	28
PLOG-12451	proteomics_log	4480121	4480183	-	6	6	K.GNVIDPLDMVDGISLPELLEK.R	25
PLOG-12452	proteomics_log	4480121	4480189	-	6	3	K.SKGNVIDPLDM*VDGISLPELLEK.R	28
PLOG-12453	proteomics_log	4480121	4480189	-	6	52	K.SKGNVIDPLDMVDGISLPELLEK.R	27
PLOG-12454	proteomics_log	4480754	4480837	-	6	22	R.KAVVAVDALGLLEEIKPHDLTVPYGDR.G	32
PLOG-12455	proteomics_log	4480859	4480936	-	6	2	R.ESAQVFDTKGNESDVYSSEIPAEFQK.L	30
PLOG-12456	proteomics_log	4480910	4480984	-	6	2	R.HALPMINILTFDGDIRESAQVFDTK.G	29
PLOG-12457	proteomics_log	4480937	4480984	-	6	96	R.HALPMINILTFDGDIRESAQVFDTK.G	20
PLOG-12458	proteomics_log	4480985	4481029	-	6	3	K.ITPAHDFNDYEVGKR.H	19
PLOG-12459	proteomics_log	4481048	4481089	-	6	2	R.RIPIVGDEHADMEK.G	18
PLOG-12460	proteomics_log	4481090	4481116	-	6	3	K.YVILPLVNR.R	13
PLOG-12461	proteomics_log	4481138	4481233	-	6	2	K.TADGKDYLVVATTRPETLLGDTGVAVNPEDPR.Y	36

PLOG-12462	proteomics_log	4481279	4481320	-	6	5	R.TAISDLEVENRESK.G	18
PLOG-12463	proteomics_log	4481288	4481320	-	6	12	R.TAISDLEVENR.E	15
PLOG-12464	proteomics_log	4481321	4481347	-	6	11	R.LVNWDPKLR.T	13
PLOG-12465	proteomics_log	4481348	4481383	-	6	2	R.LYKEDLIYRGKR.L	16
PLOG-12466	proteomics_log	4481351	4481383	-	6	10	R.LYKEDLIYRGK.R	15
PLOG-12467	proteomics_log	4481357	4481383	-	6	36	R.LYKEDLIYR.G	13
PLOG-12468	proteomics_log	4481384	4481434	-	6	2	R.FTM*DEGLSNAVKEVFVR.L	22
PLOG-12469	proteomics_log	4481384	4481434	-	6	64	R.FTMDEGLSNAVKEVFVR.L	21
PLOG-12470	proteomics_log	4481384	4481455	-	6	8	S.VDWERERFTMDEGLSNAVKEVFVR.L	28
PLOG-12471	proteomics_log	4481399	4481434	-	6	5	R.FTMDEGLSNAVK.E	16
PLOG-12472	proteomics_log	4481480	4481506	-	6	2	K.AESGGTITR.Q	13
PLOG-12473	proteomics_log	4481480	4481554	-	6	4	R.HDYGREAFIDKIWEWKAESGGTITR.Q	29
PLOG-12474	proteomics_log	4481507	4481539	-	6	11	R.EAFIDKIWEWK.A	15
PLOG-12475	proteomics_log	4481555	4481581	-	6	3	K.IAAEEGKTR.H	13
PLOG-12476	proteomics_log	4481555	4481584	-	6	63	R.KIAAEEGKTR.H	14
PLOG-12477	proteomics_log	4481582	4481659	-	6	2	R.MQGKNTLWQVGDHAGIATQMVVERK.I	30
PLOG-12478	proteomics_log	4481585	4481647	-	6	5	K.NTLWQVGDHAGIATQMVVER.K	25
PLOG-12479	proteomics_log	4481585	4481659	-	6	2	R.M*QGKNTLWQVGDHAGIATQMVVER.K	30
PLOG-12480	proteomics_log	4481585	4481659	-	6	61	R.MQGKNTLWQVGDHAGIATQMVVER.K	29
PLOG-12481	proteomics_log	4481920	4482003	-	5	45	R.TSFADFATAFTEVVDVFPYEDSLKQLAR.E	32
PLOG-12482	proteomics_log	4482487	4482537	-	5	28	K.GATGRPVALLAQFLLNR.A	21
PLOG-12483	proteomics_log	4482487	4482543	-	5	4	K.AKGATGRPVALLAQFLLNR.A	23
PLOG-12484	proteomics_log	4482487	4482552	-	5	2	R.SGKAKGATGRPVALLAQFLLNR.A	26
PLOG-12485	proteomics_log	4482907	4482984	-	5	3	R.AYRPGDVLTTMSGQTVEVLNTDAEGR.L	30
PLOG-12486	proteomics_log	4483297	4483326	-	5	3	K.NVITRVIGEQ.Q	14
PLOG-12487	proteomics_log	4483312	4483350	-	5	15	R.QLADSYSKNVITR.V	17
PLOG-12488	proteomics_log	4483411	4483458	-	5	3	R.AIQHGLAIAAGIKA.K	20
PLOG-12489	proteomics_log	4483420	4483458	-	5	10	R.AIQHGLAIAAGIK.A	17
PLOG-12490	proteomics_log	4483759	4483827	-	5	3	R.GELEGKPGQTLHHVNPVLSER.I	27
PLOG-12491	proteomics_log	4483759	4483830	-	5	20	R.RGELEGKPGQTLHHVNPVLSER.I	28
PLOG-12492	proteomics_log	4483828	4483896	-	5	4	R.RLSPIAEQLDKISDGYISALLR.G	27
PLOG-12493	proteomics_log	4483831	4483893	-	5	28	R.RLSPIAEQLDKISDGYISALLR.R	25
PLOG-12494	proteomics_log	4483831	4483896	-	5	116	R.RLSPIAEQLDKISDGYISALLR.R	26
PLOG-12495	proteomics_log	4483852	4483896	-	5	2	R.RLSPIAEQLDKISDG.Y	19
PLOG-12496	proteomics_log	4486980	4487033	-	4	3	K.AIQELGTGEALISFLDAK.G	22
PLOG-12497	proteomics_log	4486980	4487060	-	4	2	R.ANPAPDTEKAIQELGTGEALISFLDAK.G	31
PLOG-12498	proteomics_log	4487223	4487306	-	4	8	K.LVFFFDEAHLLFNDAPQVLLDKIEQVIR.L	32
PLOG-12499	proteomics_log	4487307	4487387	-	4	4	K.LYAASLLWMLSELYQLPEAGDLEKPK.L	31
PLOG-12500	proteomics_log	4487670	4487720	-	4	4	R.LLNLNDVQSGVLNIIIFR.I	21
PLOG-12501	proteomics_log	4487721	4487759	-	4	5	R.ATVSDLGPLLLAR.L	17
PLOG-12502	proteomics_log	4487961	4488014	-	4	4	R.HGLITGATGTGKTVTLQK.L	22
PLOG-12503	proteomics_log	4487979	4488014	-	4	2	R.HGLITGATGTGK.T	16
PLOG-12504	proteomics_log	4488015	4488059	-	4	16	R.TPDTELFLLPGMANR.H	19
PLOG-12505	proteomics_log	4489070	4489129	-	6	4	I.ATLAGVTKM*TVSRYIRSPKK.V	25
PLOG-12506	proteomics_log	4504560	4504598	-	4	4	V.NYDAIWGTNTQRK.K	17
PLOG-12507	proteomics_log	4509574	4509639	-	5	2	R.RLLPVSALTGALLLVVADLLAR.I	26

PLOG-12508	proteomics_log	4517505	4517534	-	4	3	R.ILGISLAQLR.Q	14
PLOG-12509	proteomics_log	4517655	4517702	-	4	14	K.AFFVVGNALDENPLIR.V	20
PLOG-12510	proteomics_log	4537281	4537349	-	4	2	K.VIPGIPFM*IIKRKMPHSMMLR.L	28
PLOG-12511	proteomics_log	4541107	4541148	-	5	11	V.LIFM*LLSFQKTISK.S	19
PLOG-12512	proteomics_log	4556593	4556712	-	5	2	R.VTLSSDGNQSQPFFDDEGNLTHIGVAGFETLLETVQVLVK.D	44
PLOG-12513	proteomics_log	4556713	4556742	-	5	16	R.AVQAGIPLAR.V	14
PLOG-12514	proteomics_log	4556743	4556811	-	5	8	R.KGGTIDITSSIDEPVAPAEGIAR.A	27
PLOG-12515	proteomics_log	4556812	4556850	-	5	12	R.NVPLFEQALEFAR.K	17
PLOG-12516	proteomics_log	4556992	4557042	-	5	5	R.SAAPDVYHLANMAAESR.V	21
PLOG-12517	proteomics_log	4557064	4557123	-	5	59	R.TITGSVEKDVAIIDRVIGVK.C	24
PLOG-12518	proteomics_log	4557193	4557276	-	5	11	R.LTEAGVTSVVGLLGTDSISRHPESLLAK.T	32
PLOG-12519	proteomics_log	4557481	4557549	-	5	7	T.MIDYTAAGFTLLQGAHLYAPEDR.G	27
PLOG-12520	proteomics_log	4558266	4558346	-	4	2	P.LLGIPGICSLALIANLQNTDAAAGMTK.E	31
PLOG-12521	proteomics_log	4559136	4559231	-	4	3	K.GNSDLRSRMLNLRADAPTITGITKTLFIAGGN.H	36
PLOG-12522	proteomics_log	4563373	4563405	-	5	2	R.FGHEISEDALR.D	15
PLOG-12523	proteomics_log	4563820	4563870	-	5	10	M.SLVTDLPAIFDQFSEAR.Q	21
PLOG-12524	proteomics_log	4578238	4578270	-	5	2	R.VNNLTQSILAK.A	15
PLOG-12525	proteomics_log	4578271	4578336	-	5	4	R.RVEQLFAYADTIEKQVNNALAR.V	26
PLOG-12526	proteomics_log	4578562	4578627	-	5	6	G.DLLFTRYNGSLEFVGVCGLLKK.L	26
PLOG-12527	proteomics_log	4579521	4579556	-	4	2	R.ELGASDEADLQR.Q	16
PLOG-12528	proteomics_log	4579557	4579664	-	4	3	K.DKDSIDADSLPEPDVLAEEAMGELVQALSELDALMR.E	40
PLOG-12529	proteomics_log	4579863	4579901	-	4	6	R.TPFTDHLQPFER.V	17
PLOG-12530	proteomics_log	4580295	4580336	-	4	2	R.LGNTLGSDDGENLPK.A	18
PLOG-12531	proteomics_log	4580568	4580600	-	4	3	K.TIIHLLKPQPR.E	15
PLOG-12532	proteomics_log	4580856	4580921	-	4	2	L.PEGYRWDDLKSRIGQEQLQFYR.K	26
PLOG-12533	proteomics_log	4580958	4581017	-	4	9	R.DGGVSYQNYVNELASLLFLK.M	24
PLOG-12534	proteomics_log	4581734	4581799	-	6	7	K.SLYGDYDTPQDFLEAFDSLVR.S	26
PLOG-12535	proteomics_log	4586373	4586426	-	4	3	R.ILLTKTDVAGEAEKLER.L	22
PLOG-12536	proteomics_log	4586610	4586681	-	4	23	R.SNELEDALLDLLDNLKGNIQFDR.L	28
PLOG-12537	proteomics_log	4586838	4586888	-	4	2	S.M*NPIAVTLTGLGAGK.T	22
PLOG-12538	proteomics_log	4586838	4586888	-	4	10	S.MNPIAVTLTGLGAGK.T	21
PLOG-12539	proteomics_log	4593185	4593232	-	6	3	R.DFHSLLSAADNIFFD.Q	20
PLOG-12540	proteomics_log	4597835	4597903	-	6	8	K.LGLNSEEKEDTNYLDGIQGLLK.T	27
PLOG-12541	proteomics_log	4598288	4598317	-	6	3	L.WVIFNWDSYR.S	14
PLOG-12542	proteomics_log	4598366	4598425	-	6	7	R.SSSKRPTGM*LTNSNM*EEM*TK.L	27
PLOG-12543	proteomics_log	4598558	4598614	-	6	10	K.SVLIITVADIMSAMKDTFR.N	23
PLOG-12544	proteomics_log	4599364	4599393	-	5	3	R.LAELLALEEK.L	14
PLOG-12545	proteomics_log	4603033	4603083	-	5	5	L.LGEATVESLRHALFFEK.T	21
PLOG-12546	proteomics_log	4604824	4604850	-	5	6	R.HLNSGGELR.I	13
PLOG-12547	proteomics_log	4605133	4605189	-	5	2	R.DGLDVGSQLLLSTLTPHTK.G	23
PLOG-12548	proteomics_log	4605379	4605465	-	5	2	K.NKPEAQFLM*NLLSLLPVGTDIFVVGENR.S	34
PLOG-12549	proteomics_log	4605379	4605465	-	5	48	K.NKPEAQFLMNLNLLSLLPVGTDIFVVGENR.S	33
PLOG-12550	proteomics_log	4605595	4605657	-	5	5	R.ILFAGDLQDDLPARLTAASR.A	25
PLOG-12551	proteomics_log	4605616	4605657	-	5	11	R.ILFAGDLQDDLPAR.L	18
PLOG-12552	proteomics_log	4605658	4605684	-	5	10	R.HSDDFEQSR.I	13
PLOG-12553	proteomics_log	4605685	4605720	-	5	6	M.SAFTPASEVLLR.H	16

PLOG-12554	proteomics_log	4607805	4607864	-	4	2	S.LFIKVRIGVSRRRVTSISLR.V	24
PLOG-12555	proteomics_log	4609815	4609883	-	4	3	M.TGRDDIVRQQFGFDFTGGGGVTR.V	27
PLOG-12556	proteomics_log	4615053	4615085	-	4	6	M.PTSHENALQQR.C	15
PLOG-12557	proteomics_log	4618544	4618591	-	6	3	F.QTRGITGDVATVAPGR.V	20
PLOG-12558	proteomics_log	4621250	4621306	-	6	9	R.AQVFTDSLNPAPLEALAGR.L	23
PLOG-12559	proteomics_log	4621427	4621495	-	6	5	R.VEAEIISPNKTPDLNFAETFAR.Q	27
PLOG-12560	proteomics_log	4624564	4624653	-	5	2	T.EQSIQCSSTFGPASEPSLVTCPTMTIATPR.V	34
PLOG-12561	proteomics_log	4626905	4626937	-	6	14	R.TLGADALEPKR.I	15
PLOG-12562	proteomics_log	4626908	4626937	-	6	8	R.TLGADALEPKR.R	14
PLOG-12563	proteomics_log	4626938	4627027	-	6	4	R.IATHILDYQDEGKVEFFEGNFTEYEEYKKR.T	34
PLOG-12564	proteomics_log	4627103	4627174	-	6	7	K.LLQVGGNM*LLLDEPTNDLDIETLR.A	29
PLOG-12565	proteomics_log	4627103	4627174	-	6	85	K.LLQVGGNMLLLDEPTNDLDIETLR.A	28
PLOG-12566	proteomics_log	4627190	4627225	-	6	2	K.RVGELSGGERGR.L	16
PLOG-12567	proteomics_log	4627196	4627222	-	6	11	R.VGELSGGER.G	13
PLOG-12568	proteomics_log	4627196	4627225	-	6	7	K.RVGELSGGER.G	14
PLOG-12569	proteomics_log	4627223	4627255	-	6	3	R.FNFKGVDQGKR.V	15
PLOG-12570	proteomics_log	4627223	4627270	-	6	6	R.AYVGRFNFKGVDQGKR.V	20
PLOG-12571	proteomics_log	4627271	4627297	-	6	23	K.IGNTEMPSR.A	13
PLOG-12572	proteomics_log	4627271	4627297	-	6	23	K.IGNTEM*PSR.A	14
PLOG-12573	proteomics_log	4627271	4627339	-	6	2	K.TVWEEVSGGLDIMKIGNTEMPSR.A	27
PLOG-12574	proteomics_log	4627298	4627339	-	6	33	K.TVWEEVSGGLDIMK.I	18
PLOG-12575	proteomics_log	4627298	4627384	-	6	7	K.LASVDQFRDSMDNSKTVWEEVSGGLDIMK.I	33
PLOG-12576	proteomics_log	4627340	4627384	-	6	2	K.LASVDQFRDSM*DNSK.T	20
PLOG-12577	proteomics_log	4627340	4627384	-	6	12	K.LASVDQFRDSMDNSK.T	19
PLOG-12578	proteomics_log	4627385	4627444	-	6	2	R.M*ISGQEQPDSGTITLGETVK.L	25
PLOG-12579	proteomics_log	4627385	4627444	-	6	12	R.MISGQEQPDSGTITLGETVK.L	24
PLOG-12580	proteomics_log	4627445	4627501	-	6	8	K.GAIVGIIGPNGAGKSTLFR.M	23
PLOG-12581	proteomics_log	4627445	4627537	-	6	52	R.LLIDDLFSFSIPKGAIVGIIGPNGAGKSTLFR.M	35
PLOG-12582	proteomics_log	4627445	4627552	-	6	4	K.SYGDRLLIDDLFSFSIPKGAIVGIIGPNGAGKSTLFR.M	40
PLOG-12583	proteomics_log	4627445	4627555	-	6	2	R.KSYGDRLLIDDLFSFSIPKGAIVGIIGPNGAGKSTLFR.M	41
PLOG-12584	proteomics_log	4627460	4627501	-	6	50	K.GAIVGIIGPNGAGK.S	18
PLOG-12585	proteomics_log	4627460	4627537	-	6	2	R.LLIDDLFSFSIPKGAIVGIIGPNGAGK.S	30
PLOG-12586	proteomics_log	4627460	4627552	-	6	18	K.SYGDRLLIDDLFSFSIPKGAIVGIIGPNGAGK.S	35
PLOG-12587	proteomics_log	4627460	4627555	-	6	3	R.KSYGDRLLIDDLFSFSIPKGAIVGIIGPNGAGK.S	36
PLOG-12588	proteomics_log	4627502	4627537	-	6	113	R.LLIDDLFSFSIPK.G	16
PLOG-12589	proteomics_log	4627502	4627552	-	6	9	K.SYGDRLLIDDLFSFSIPK.G	21
PLOG-12590	proteomics_log	4627502	4627555	-	6	4	R.KSYGDRLLIDDLFSFSIPK.G	22
PLOG-12591	proteomics_log	4627553	4627591	-	6	195	R.LGDKVLEVSNLR.S	17
PLOG-12592	proteomics_log	4627556	4627591	-	6	99	R.LGDKVLEVSNLR.K	16
PLOG-12593	proteomics_log	4627592	4627630	-	6	24	R.NETNELFIPPGPR.L	17
PLOG-12594	proteomics_log	4627592	4627633	-	6	2	K.RNETNELFIPPGPR.L	18
PLOG-12595	proteomics_log	4627592	4627666	-	6	7	R.FEELNSTEYQKRNETNELFIPPGPR.L	29
PLOG-12596	proteomics_log	4627631	4627666	-	6	24	R.FEELNSTEYQKR.N	16
PLOG-12597	proteomics_log	4627631	4627675	-	6	42	R.LARFEELNSTEYQKR.N	19
PLOG-12598	proteomics_log	4627634	4627666	-	6	15	R.FEELNSTEYQK.R	15
PLOG-12599	proteomics_log	4627715	4627744	-	6	19	K.SIEKELEWVR.Q	14

PLOG-12600	proteomics_log	4627715	4627750	-	6	4	R.RKSIEKELEWVR.Q	16
PLOG-12601	proteomics_log	4627751	4627783	-	6	149	R.LAQEASQEAAAR.R	15
PLOG-12602	proteomics_log	4627793	4627888	-	6	21	R.YFLDNVAGWILELDRGEGIPWEGNYSSWLEQK.D	36
PLOG-12603	proteomics_log	4627844	4627888	-	6	3	R.YFLDNVAGWILELDR.G	19
PLOG-12604	proteomics_log	4627844	4627936	-	6	3	R.FLHDFEGTVVAITHDRYFLDNVAGWILELDR.G	35
PLOG-12605	proteomics_log	4627889	4627936	-	6	24	R.FLHDFEGTVVAITHDR.Y	20
PLOG-12606	proteomics_log	4627937	4628020	-	6	3	R.LLLEKPDMLLLDEPTNHLDAESVAWLER.F	33
PLOG-12607	proteomics_log	4627937	4628020	-	6	100	R.LLLEKPDMLLLDEPTNHLDAESVAWLER.F	32
PLOG-12608	proteomics_log	4628042	4628068	-	6	16	K.IANLSGGER.R	13
PLOG-12609	proteomics_log	4628042	4628107	-	6	4	R.AADALRLPDWDAKIANLSGGER.R	26
PLOG-12610	proteomics_log	4628069	4628107	-	6	48	R.AADALRLPDWDAK.I	17
PLOG-12611	proteomics_log	4628108	4628164	-	6	2	R.LEEIIQAHDGHNLNVLQLER.A	23
PLOG-12612	proteomics_log	4628237	4628284	-	6	19	R.ESIEEAVSEVVNALKR.L	20
PLOG-12613	proteomics_log	4628237	4628335	-	6	34	K.IGYLPQEPQLNPEHTVRESIEEAVSEVVNALKR.L	37
PLOG-12614	proteomics_log	4628240	4628284	-	6	39	R.ESIEEAVSEVVNALK.R	19
PLOG-12615	proteomics_log	4628240	4628335	-	6	106	K.IGYLPQEPQLNPEHTVRESIEEAVSEVVNALK.R	36
PLOG-12616	proteomics_log	4628336	4628395	-	6	2	R.IM*AGIDKDIEGEARPPDIK.I	25
PLOG-12617	proteomics_log	4628336	4628395	-	6	12	R.IMAGIDKDIEGEARPPDIK.I	24
PLOG-12618	proteomics_log	4628375	4628452	-	6	3	P.GAKIGVLGLNGAGKSTLLRIMAGIDK.D	30
PLOG-12619	proteomics_log	4628396	4628443	-	6	75	K.IGVLGLNGAGKSTLLR.I	20
PLOG-12620	proteomics_log	4628411	4628443	-	6	115	K.IGVLGLNGAGK.S	15
PLOG-12621	proteomics_log	4628444	4628476	-	6	129	K.NISLSFFPGAK.I	15
PLOG-12622	proteomics_log	4628516	4628542	-	6	44	V.AQFVYTMHR.V	13
PLOG-12623	proteomics_log	4633091	4633132	-	6	3	R.LTARPILDIALQYR.F	18
PLOG-12624	proteomics_log	4633244	4633303	-	6	2	L.LIWLEGHLDQPLSLDNVAAK.A	24
PLOG-12625	proteomics_log	4633244	4633333	-	6	84	F.MDQAGIIRDLLIWLEGHLDQPLSLDNVAAK.A	34
PLOG-12626	proteomics_log	4637637	4637699	-	4	29	K.HFESTPDTPEIIATIHGEGYR.F	25
PLOG-12627	proteomics_log	4637637	4637702	-	4	15	R.KHFESTPDTPEIIATIHGEGYR.F	26
PLOG-12628	proteomics_log	4637754	4637783	-	4	2	R.AELLKKM*TGR.E	15
PLOG-12629	proteomics_log	4637754	4637783	-	4	9	R.AELLKMTGR.E	14
PLOG-12630	proteomics_log	4637784	4637828	-	4	9	R.AMLHFCENPGKIQSR.A	19
PLOG-12631	proteomics_log	4637841	4637882	-	4	224	R.SLIGPDGEQYKLP.R.S	18
PLOG-12632	proteomics_log	4637883	4637915	-	4	10	K.FNGWELDINSR.S	15
PLOG-12633	proteomics_log	4637883	4637933	-	4	35	R.SVESYKFNGWELDINSR.S	21
PLOG-12634	proteomics_log	4637883	4637936	-	4	40	R.RSVESYKFNGWELDINSR.S	22
PLOG-12635	proteomics_log	4637934	4637969	-	4	28	R.TMNLGTVSEERR.S	16
PLOG-12636	proteomics_log	4637937	4637969	-	4	2	R.TM*NLGTVSEER.R	16
PLOG-12637	proteomics_log	4637937	4637969	-	4	120	R.TMNLGTVSEER.R	15
PLOG-12638	proteomics_log	4638006	4638062	-	4	2	K.ILGLEIGADDYITKPFNPR.E	23
PLOG-12639	proteomics_log	4638006	4638080	-	4	30	R.DNEVDKILGLEIGADDYITKPFNPR.E	29
PLOG-12640	proteomics_log	4638006	4638119	-	4	2	R.EQANVALMFLTGRDNEVDKILGLEIGADDYITKPFNPR.E	42
PLOG-12641	proteomics_log	4638081	4638119	-	4	7	R.EQANVALMFLTGR.D	17
PLOG-12642	proteomics_log	4638282	4638329	-	4	8	N.M*QTPHILIVEDELVTR.N	21
PLOG-12643	proteomics_log	4638282	4638329	-	4	97	N.MQTPHILIVEDELVTR.N	20
PHEAT+1	proteomics_heat	352	384	+	1	5	K.FGGTSVANAER.F	15
PHEAT+2	proteomics_heat	394	423	+	1	3	R.VADILESNAR.Q	14

PHEAT+3	proteomics_heat	424	462	+	1	5	R.QGQVATVLSAPAK.I	17
PHEAT+4	proteomics_heat	463	495	+	1	22	K.ITNHLVAMIEK.T	15
PHEAT+5	proteomics_heat	496	543	+	1	9	K.TISGQDALPNISDAER.I	20
PHEAT+6	proteomics_heat	544	609	+	1	29	R.IFAELLTGLAAAQPGFPLAQLK.T	26
PHEAT+7	proteomics_heat	610	642	+	1	5	K.TFVDQEFAQIK.H	15
PHEAT+8	proteomics_heat	643	711	+	1	7	K.HVLHGISLLGQCPDSINAALICR.G	27
PHEAT+9	proteomics_heat	643	693	+	1	3	K.HVLHGISLLGQCPDSIN.A	21
PHEAT+10	proteomics_heat	721	759	+	1	3	K.MSIAIMAGVLEAR.G	17
PHEAT+11	proteomics_heat	760	795	+	1	23	R.GHNVTVIDPVEK.L	16
PHEAT+12	proteomics_heat	796	852	+	1	37	K.LLAVGHYLESTVDIAESTR.R	23
PHEAT+13	proteomics_heat	796	855	+	1	2	K.LLAVGHYLESTVDIAESTRR.I	24
PHEAT+14	proteomics_heat	871	948	+	1	9	R.IPADHMVLMAGFTAGNEKGELVVLR.N	30
PHEAT+15	proteomics_heat	871	924	+	1	16	R.IPADHMVLMAGFTAGNEK.G	22
PHEAT+16	proteomics_heat	949	993	+	1	4	R.NGSDYSAAVLAACL.R.A	19
PHEAT+17	proteomics_heat	994	1050	+	1	6	R.ADCCEIWTVDVGVYTC DPR.Q	23
PHEAT+18	proteomics_heat	1078	1125	+	1	31	K.SMSYQEAMELSYFGAK.V	20
PHEAT+19	proteomics_heat	1141	1185	+	1	5	R.TITPIAQFQIPCLIK.N	19
PHEAT+20	proteomics_heat	1186	1233	+	1	8	K.NTGNPQAPGTLIGASR.D	20
PHEAT+21	proteomics_heat	1186	1257	+	1	5	K.NTGNPQAPGTLIGASRDEDEL PVK.G	28
PHEAT+22	proteomics_heat	1234	1257	+	1	4	R.DEDEL PVK.G	12
PHEAT+23	proteomics_heat	1258	1314	+	1	14	K.GISLNMMAMFVSGPGMK.G	23
PHEAT+24	proteomics_heat	1453	1485	+	1	3	R.AMQEEFYLELK.E	15
PHEAT+25	proteomics_heat	1486	1521	+	1	6	K.EGELLEPLAVTER.L	16
PHEAT+26	proteomics_heat	1522	1557	+	1	4	R.LAIISVVGDGMR.T	16
PHEAT+27	proteomics_heat	1648	1695	+	1	6	R.SISVVVNNDDATTGVR.V	20
PHEAT+28	proteomics_heat	1858	1944	+	1	4	K.ALLTNVHGLNLENWQEELAQAKEPFLGR.L	33
PHEAT+29	proteomics_heat	1858	1923	+	1	18	K.ALLTNVHGLNLENWQEELAQAK.E	26
PHEAT+30	proteomics_heat	1963	2043	+	1	41	K.EYHLLNPVIVDCTSSQAVADQYADFLR.E	31
PHEAT+31	proteomics_heat	2044	2076	+	1	4	R.EGFHV VTPNKK.A	15
PHEAT+32	proteomics_heat	2044	2073	+	1	5	R.EGFHV VTPNK.K	14
PHEAT+33	proteomics_heat	2074	2115	+	1	3	K.KANTSSMDYYHQLR.Y	18
PHEAT+34	proteomics_heat	2077	2115	+	1	11	K.ANTSSMDYYHQLR.Y	17
PHEAT+35	proteomics_heat	2137	2229	+	1	2	R.RKFLYDTNVGAGLPVIENLQNLNAGDELMK.F	35
PHEAT+36	proteomics_heat	2140	2229	+	1	16	R.KFLYDTNVGAGLPVIENLQNLNAGDELMK.F	34
PHEAT+37	proteomics_heat	2143	2229	+	1	68	K.FLYDTNVGAGLPVIENLQNLNAGDELMK.F	33
PHEAT+38	proteomics_heat	2230	2274	+	1	29	K.FSGILSGSLSYIFGK.L	19
PHEAT+39	proteomics_heat	2275	2319	+	1	14	K.LDEGMSFSEATTLAR.E	19
PHEAT+40	proteomics_heat	2320	2349	+	1	3	R.EMGYTEPDPR.D	14
PHEAT+41	proteomics_heat	2350	2379	+	1	20	R.DDLSGMDVAR.K	14
PHEAT+42	proteomics_heat	2569	2604	+	1	10	R.YVGNIDEDGVCR.V	16
PHEAT+43	proteomics_heat	2611	2646	+	1	8	K.IAEVDGNDPLFK.V	16
PHEAT+44	proteomics_heat	2611	2634	+	1	5	K.IAEVDGND.P	12
PHEAT+45	proteomics_heat	2647	2715	+	1	10	K.VKNGENALAFYSHYYQPLPLVLR.G	27
PHEAT+46	proteomics_heat	2647	2688	+	1	2	K.VKNGENALAFYSHY.Y	18
PHEAT+47	proteomics_heat	2653	2715	+	1	31	K.NGENALAFYSHYYQPLPLVLR.G	25
PHEAT+48	proteomics_heat	2674	2715	+	1	8	A.FYSHYYQPLPLVLR.G	18

PHEAT+49	proteomics_heat	2680	2715	+	1	7	Y.SHYYQPLPLVLR.G	16
PHEAT+50	proteomics_heat	2716	2772	+	1	21	R.GYGAGNDVTAAGVFADLLR.T	23
PHEAT+51	proteomics_heat	2954	2983	+	2	2	R.FADKLPSEPR.E	14
PHEAT+52	proteomics_heat	2984	3013	+	2	3	R.ENIVYQCWER.F	14
PHEAT+53	proteomics_heat	3014	3034	+	2	3	R.FCQELGK.Q	11
PHEAT+54	proteomics_heat	3035	3064	+	2	2	K.QIPVAMTLEK.N	14
PHEAT+55	proteomics_heat	3065	3166	+	2	7	K.NMPIGSGLGSSACSVVAALMAMNEHCGKPLNDR.L	38
PHEAT+56	proteomics_heat	3416	3445	+	2	2	R.HLAGFIHACY.S	14
PHEAT+57	proteomics_heat	3473	3505	+	2	4	K.LMKDVIAEPIR.E	15
PHEAT+58	proteomics_heat	3482	3505	+	2	2	K.DVIAEPIR.E	12
PHEAT+59	proteomics_heat	3539	3634	+	2	6	R.QAVAEIGAVASGISGSGPTLFALCDKPETAQR.V	36
PHEAT+60	proteomics_heat	3602	3634	+	2	5	F.ALCDKPETAQR.V	15
PHEAT+61	proteomics_heat	3656	3697	+	2	10	K.NYLQNQEGFVHICR.L	18
PHEAT+62	proteomics_heat	3740	3808	+	2	16	K.LYNLKDHNQVSFAQAVTQGLGK.N	27
PHEAT+63	proteomics_heat	3755	3808	+	2	14	K.DHNEQVSFAQAVTQGLGK.N	22
PHEAT+64	proteomics_heat	3809	3877	+	2	62	K.NQGLFFPHDLPEFSLTEIDMLK.L	27
PHEAT+65	proteomics_heat	3905	3958	+	2	29	K.ILSAFIGDEIPQEILEER.V	22
PHEAT+66	proteomics_heat	3965	4054	+	2	4	R.AAFAPAPVANVESDVGCLLFHGPTLAFK.D	34
PHEAT+67	proteomics_heat	4070	4189	+	2	13	R.FMAQMLTHIAGDKPVTILTATSGDTGAAVAHAFYGLPNVK.V	44
PHEAT+68	proteomics_heat	4094	4189	+	2	4	H.IAGDKPVTILTATSGDTGAAVAHAFYGLPNVK.V	36
PHEAT+69	proteomics_heat	4136	4189	+	2	12	S.GDTGAAVAHAFYGLPNVK.V	22
PHEAT+70	proteomics_heat	4238	4315	+	2	33	K.LFCTLGGNIETVAIDGDFDACQALVK.Q	30
PHEAT+71	proteomics_heat	4316	4387	+	2	8	K.QAFDDEELKVALGLNSANSINISR.L	28
PHEAT+72	proteomics_heat	4343	4387	+	2	3	K.VALGLNSANSINISR.L	19
PHEAT+73	proteomics_heat	4388	4447	+	2	5	R.LLAQICYFEAVAQLPQETR.N	24
PHEAT+74	proteomics_heat	4448	4513	+	2	12	R.NQLVSVPSGNFGDLTAGLLAK.S	26
PHEAT+75	proteomics_heat	4469	4513	+	2	2	V.PSGNFGDLTAGLLAK.S	19
PHEAT+76	proteomics_heat	4535	4576	+	2	6	K.RFIAATNVNDTVPR.F	18
PHEAT+77	proteomics_heat	4538	4576	+	2	9	R.FIAATNVNDTVPR.F	17
PHEAT+78	proteomics_heat	4577	4606	+	2	12	R.FLHDGQWSPK.A	14
PHEAT+79	proteomics_heat	4607	4666	+	2	7	K.ATQATLSNAMDVSPNNWPR.V	24
PHEAT+80	proteomics_heat	4706	4756	+	2	20	K.ELGYAAVDETTQQTMR.E	21
PHEAT+81	proteomics_heat	4730	4756	+	2	2	D.DETTQQTMR.E	13
PHEAT+82	proteomics_heat	4757	4810	+	2	6	R.ELKELGYTSEPHAAVAYR.A	22
PHEAT+83	proteomics_heat	4766	4810	+	2	9	K.ELGYTSEPHAAVAYR.A	19
PHEAT+84	proteomics_heat	4811	4876	+	2	17	R.ALKLDLNPGEYGLFLGTAHPAK.F	26
PHEAT+85	proteomics_heat	4820	4876	+	2	14	R.DQLNPGEYGLFLGTAHPAK.F	23
PHEAT+86	proteomics_heat	4877	4927	+	2	232	K.FKESVEAILGETLDLPK.E	21
PHEAT+87	proteomics_heat	4883	4927	+	2	2	K.ESVEAILGETLDLPK.E	19
PHEAT+88	proteomics_heat	4943	4999	+	2	12	R.ADLPLLSHNLPAFALRK.L	23
PHEAT+89	proteomics_heat	4943	4996	+	2	10	R.ADLPLLSHNLPAFALR.K	22
PHEAT+90	proteomics_heat	8241	8264	+	3	7	M.TDKLTSR.Q	12
PHEAT+91	proteomics_heat	8265	8312	+	3	20	R.QYTTVVADTGDIAAMK.L	20
PHEAT+92	proteomics_heat	8310	8384	+	3	3	M.KLYQPQDATTNPSLILNAAQIPEYR.K	29
PHEAT+93	proteomics_heat	8313	8384	+	3	17	K.LYQPQDATTNPSLILNAAQIPEYR.K	28
PHEAT+94	proteomics_heat	8385	8417	+	3	9	R.KLIDDAVAWAK.Q	15

PHEAT+95	proteomics_heat	8388	8417	+	3	6	K.LIDDAVAWAK.Q	14
PHEAT+96	proteomics_heat	8436	8498	+	3	116	R.AQQIVDATDKLAVNIGLEILK.L	25
PHEAT+97	proteomics_heat	8436	8465	+	3	7	R.AQQIVDATDK.L	14
PHEAT+98	proteomics_heat	8514	8537	+	3	2	R.ISTEVDAR.L	12
PHEAT+99	proteomics_heat	8538	8570	+	3	7	R.LSYDTEASIAK.A	15
PHEAT+100	proteomics_heat	8589	8621	+	3	11	K.LYNDAGISNDR.I	15
PHEAT+101	proteomics_heat	8634	8660	+	3	2	K.LASTWQGIR.A	13
PHEAT+102	proteomics_heat	8682	8732	+	3	179	K.EGINCNLTLLFSFAQAR.A	21
PHEAT+103	proteomics_heat	8682	8732	+	3	179	K.EGINCNLTLLFSFAQAR.A	21
PHEAT+104	proteomics_heat	8733	8780	+	3	47	R.ACAEAGVFLISPFVGR.I	20
PHEAT+105	proteomics_heat	8733	8780	+	3	47	R.ACAEAGVFLISPFVGR.I	20
PHEAT+106	proteomics_heat	8817	8879	+	3	35	K.EYAPAEDPGVSVSEIYQYYK.E	25
PHEAT+107	proteomics_heat	8880	8921	+	3	44	K.EHGYETVVMGASFR.N	18
PHEAT+108	proteomics_heat	8922	8960	+	3	6	R.NIGEILELAGCDR.L	17
PHEAT+109	proteomics_heat	8988	9020	+	3	10	K.ELAESEGAIER.K	15
PHEAT+110	proteomics_heat	8988	9023	+	3	2	K.ELAESEGAIERK.L	16
PHEAT+111	proteomics_heat	9021	9047	+	3	14	R.KLSYTGVEK.A	13
PHEAT+112	proteomics_heat	9063	9119	+	3	12	R.ITESEFLWQHNQDPMVVDK.L	23
PHEAT+113	proteomics_heat	9063	9137	+	3	3	R.ITESEFLWQHNQDPMVVDKLAEGIR.K	29
PHEAT+114	proteomics_heat	9138	9170	+	3	4	R.KFAIDQEKLEK.M	15
PHEAT+115	proteomics_heat	9141	9170	+	3	6	K.FAIDQEKLEK.M	14
PHEAT+116	proteomics_heat	9375	9440	+	3	2	K.GIPALEEWLTSALTTPELETR.L	26
PHEAT+117	proteomics_heat	9441	9545	+	3	2	R.LIPDEQAIIEQTLCELVDEM SCHLVLTGGTGPAR.R	39
PHEAT+118	proteomics_heat	9549	9587	+	3	11	R.DVTPDATLAVADR.E	17
PHEAT+119	proteomics_heat	9618	9659	+	3	2	R.QISLHFVPTAILSR.Q	18
PHEAT+120	proteomics_heat	9678	9716	+	3	2	R.KQALILNLPQPK.S	17
PHEAT+121	proteomics_heat	12166	12237	+	1	2	M.GKIIIGIDLGTTNSCVAIMDGTTPR.V	28
PHEAT+122	proteomics_heat	12172	12237	+	1	30	K.IIGIDLGTTNSCVAIMDGTTPR.V	26
PHEAT+123	proteomics_heat	12235	12264	+	1	3	P.RVLENAEGDR.T	14
PHEAT+124	proteomics_heat	12238	12264	+	1	12	R.VLENAEGDR.T	13
PHEAT+125	proteomics_heat	12262	12327	+	1	2	D.RTTPSIIAYTQDGETLVGQPAK.R	26
PHEAT+126	proteomics_heat	12265	12330	+	1	7	R.TTPSIIAYTQDGETLVGQPAKR.Q	26
PHEAT+127	proteomics_heat	12265	12327	+	1	8	R.TTPSIIAYTQDGETLVGQPAK.R	25
PHEAT+128	proteomics_heat	12289	12330	+	1	3	Y.TQDGETLVGQPAKR.Q	18
PHEAT+129	proteomics_heat	12307	12375	+	1	3	T.LVGQPAKRQAVTNPQNTLFAIKR.L	27
PHEAT+130	proteomics_heat	12328	12372	+	1	4	K.RQAVTNPQNTLFAIK.R	19
PHEAT+131	proteomics_heat	12331	12372	+	1	5	R.QAVTNPQNTLFAIK.R	18
PHEAT+132	proteomics_heat	12331	12375	+	1	11	R.QAVTNPQNTLFAIKR.L	19
PHEAT+133	proteomics_heat	12388	12414	+	1	13	R.RFQDEEVQR.D	13
PHEAT+134	proteomics_heat	12391	12414	+	1	4	R.FQDEEVQR.D	12
PHEAT+135	proteomics_heat	12415	12438	+	1	5	R.DVSIMPFK.I	12
PHEAT+136	proteomics_heat	12439	12480	+	1	28	K.IIAADNGDAWVEVK.G	18
PHEAT+137	proteomics_heat	12487	12525	+	1	2	Q.KMAPPQISA EVLK.K	17
PHEAT+138	proteomics_heat	12490	12525	+	1	2	K.MAPPQISA EVLK.K	16
PHEAT+139	proteomics_heat	12535	12615	+	1	10	K.KTAEDYLGEPVTEAVITVPAYFNDAQR.Q	31
PHEAT+140	proteomics_heat	12538	12615	+	1	16	K.TAEDYLGEPVTEAVITVPAYFNDAQR.Q	30

PHEAT+141	proteomics_heat	12538	12618	+	1	2	K.TAEDYLGEVPTEAVITVPAYFNDAQRQ.A	31
PHEAT+142	proteomics_heat	12661	12726	+	1	2	K.RIINEPTAAALAYGLDKGTGNR.T	26
PHEAT+143	proteomics_heat	12661	12711	+	1	12	K.RIINEPTAAALAYGLDK.G	21
PHEAT+144	proteomics_heat	12664	12711	+	1	17	R.IINEPTAAALAYGLDK.G	20
PHEAT+145	proteomics_heat	12805	12867	+	1	17	K.TFEVLATNGDTHLGGEDFDSR.L	25
PHEAT+146	proteomics_heat	12868	12900	+	1	20	R.LINYLVVEEFK.D	15
PHEAT+147	proteomics_heat	12868	12897	+	1	2	R.LINYLVVEEFK.K	14
PHEAT+148	proteomics_heat	12898	12921	+	1	2	K.KDQGIDLR.N	12
PHEAT+149	proteomics_heat	12922	12945	+	1	5	R.NDPLAMQR.L	12
PHEAT+150	proteomics_heat	12967	13044	+	1	20	K.AKIELSSAQQTVDNLPYITADATGPK.H	30
PHEAT+151	proteomics_heat	12973	13044	+	1	27	K.IELSSAQQTVDNLPYITADATGPK.H	28
PHEAT+152	proteomics_heat	13006	13044	+	1	2	V.NLPYITADATGPK.H	17
PHEAT+153	proteomics_heat	13069	13107	+	1	33	R.AKLESLVEDLVNR.S	17
PHEAT+154	proteomics_heat	13108	13197	+	1	13	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	34
PHEAT+155	proteomics_heat	13126	13197	+	1	49	K.VALQDAGLSVSDIDDVILVGGQTR.M	28
PHEAT+156	proteomics_heat	13198	13215	+	1	2	R.MPMVQK.K	10
PHEAT+157	proteomics_heat	13216	13239	+	1	4	K.KVAEFFGK.E	12
PHEAT+158	proteomics_heat	13219	13248	+	1	7	K.VAEFFGKEPR.K	14
PHEAT+159	proteomics_heat	13249	13323	+	1	42	R.KDVNPDEAVAIGA AVQGGVLTGDVK.D	29
PHEAT+160	proteomics_heat	13252	13323	+	1	5	K.DVNPDEAVAIGA AVQGGVLTGDVK.D	28
PHEAT+161	proteomics_heat	13324	13404	+	1	149	K.DVLLLDVTPLSLGIETMGGVMTTLIAK.N	31
PHEAT+162	proteomics_heat	13426	13497	+	1	710	K.HSQVFSTAEDNQS AVTIHVLQGER.K	28
PHEAT+163	proteomics_heat	13426	13479	+	1	9	K.HSQVFSTAEDNQS AVTIH.V	22
PHEAT+164	proteomics_heat	13519	13563	+	1	12	K.SLGQFNLDGINPAPR.G	19
PHEAT+165	proteomics_heat	13564	13629	+	1	94	R.GMPQIEVTFDIDADGILHVS AK.D	26
PHEAT+166	proteomics_heat	13669	13704	+	1	9	K.ASSGLNEDEIQK.M	16
PHEAT+167	proteomics_heat	13714	13770	+	1	9	R.DAEANAEADR KFEELVQTR.N	23
PHEAT+168	proteomics_heat	13714	13743	+	1	11	R.DAEANAEADR.K	14
PHEAT+169	proteomics_heat	13744	13770	+	1	6	R.KFEELVQTR.N	13
PHEAT+170	proteomics_heat	13747	13770	+	1	2	K.FEELVQTR.N	12
PHEAT+171	proteomics_heat	13771	13803	+	1	5	R.NQGDHLLHSTR.K	15
PHEAT+172	proteomics_heat	13804	13848	+	1	3	R.KQVEEAGDKLPADDK.T	19
PHEAT+173	proteomics_heat	13804	13923	+	1	13	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	44
PHEAT+174	proteomics_heat	13804	13905	+	1	19	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDK.A	38
PHEAT+175	proteomics_heat	13804	13893	+	1	12	R.KQVEEAGDKLPADDKTAIESALTALETALK.G	34
PHEAT+176	proteomics_heat	13807	13905	+	1	2	K.QVEEAGDKLPADDKTAIESALTALETALKGEDK.A	37
PHEAT+177	proteomics_heat	13807	13923	+	1	2	K.QVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	43
PHEAT+178	proteomics_heat	13807	13893	+	1	2	K.QVEEAGDKLPADDKTAIESALTALETALK.G	33
PHEAT+179	proteomics_heat	13831	13905	+	1	2	K.LPADDKTAIESALTALETALKGEDK.A	29
PHEAT+180	proteomics_heat	13837	13905	+	1	14	P.ADDKTAIESALTALETALKGEDK.A	27
PHEAT+181	proteomics_heat	13849	13923	+	1	5	K.TAIESALTALETALKGEDKAAIEAK.M	29
PHEAT+182	proteomics_heat	13849	13905	+	1	4	K.TAIESALTALETALKGEDK.A	23
PHEAT+183	proteomics_heat	13855	13905	+	1	2	A.IESALTALETALKGEDK.A	21
PHEAT+184	proteomics_heat	13924	13953	+	1	9	K.MQELAQVSQK.L	14
PHEAT+185	proteomics_heat	13954	14028	+	1	5	K.LMEIAQQQHAQQQTAGADASANNAK.D	29
PHEAT+186	proteomics_heat	13954	14067	+	1	4	K.LMEIAQQQHAQQQTAGADASANNAKDDDVVDAEFEEVK.D	42

PHEAT+187	proteomics_heat	14029	14076	+	1	5	K.DDDVDAEFEEVKDKK.-	20
PHEAT+188	proteomics_heat	14029	14067	+	1	9	K.DDDVDAEFEEVK.D	17
PHEAT+189	proteomics_heat	14171	14209	+	2	7	M.AKQDYEILGVSK.T	17
PHEAT+190	proteomics_heat	14321	14356	+	2	3	K.EAYEVLTD SQK.R.A	16
PHEAT+191	proteomics_heat	14321	14353	+	2	2	K.EAYEVLTD SQK.R	15
PHEAT+192	proteomics_heat	14579	14686	+	2	3	R.IPTLEECDVCHGSGAKPGTQPQTCTCHGSGQVQMR.Q	40
PHEAT+193	proteomics_heat	14687	14734	+	2	5	R.QGFFAVQQTCPHCQGR.G	20
PHEAT+194	proteomics_heat	14699	14734	+	2	2	F.AVQQTCPHCQGR.G	16
PHEAT+195	proteomics_heat	14735	14764	+	2	5	R.GTLIKDPCNK.C	14
PHEAT+196	proteomics_heat	14813	14842	+	2	7	K.IPAGVDTGDR.I	14
PHEAT+197	proteomics_heat	14849	14920	+	2	4	R.LAGEGEAGEHGAPAGDLYVQVQVK.Q	28
PHEAT+198	proteomics_heat	14942	15031	+	2	13	R.EGNNLYCEVPINFAMAALGGEIEVPTLDGR.V	34
PHEAT+199	proteomics_heat	15038	15070	+	2	8	K.LKVPGETQTGK.L	15
PHEAT+200	proteomics_heat	15110	15139	+	2	4	R.GGAQGDLLCR.V	14
PHEAT+201	proteomics_heat	15140	15175	+	2	3	R.VVETPVGLNER.Q	16
PHEAT+202	proteomics_heat	15176	15244	+	2	4	R.QKQLLQELQESFGGPTGEHNSPR.S	27
PHEAT+203	proteomics_heat	15182	15244	+	2	7	K.QLLQELQESFGGPTGEHNSPR.S	25
PHEAT+204	proteomics_heat	15445	15522	+	1	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+205	proteomics_heat	15445	15522	+	1	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+206	proteomics_heat	15445	15522	+	1	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+207	proteomics_heat	21422	21496	+	2	4	R.GIHNSQAPQEGCVLTIGNFDGVHR.G	29
PHEAT+208	proteomics_heat	21701	21748	+	2	2	R.FAALTAQNFISDLLVK.H	20
PHEAT+209	proteomics_heat	21917	21988	+	2	3	R.QALADDNLALAESLLGHPFAISGR.V	28
PHEAT+210	proteomics_heat	21989	22015	+	2	3	R.VVHGDELGR.T	13
PHEAT+211	proteomics_heat	22406	22444	+	2	3	K.STLNLPETGFPMR.G	17
PHEAT+212	proteomics_heat	22484	22516	+	2	4	R.WTDDDLYGIIR.A	15
PHEAT+213	proteomics_heat	22538	22606	+	2	10	K.TFILHDGPPYANGSIHIGHSVNK.I	27
PHEAT+214	proteomics_heat	22538	22594	+	2	2	K.TFILHDGPPYANGSIHIGH.S	23
PHEAT+215	proteomics_heat	22631	22705	+	2	3	K.SKGLSGYDSPYVPGWDCHGLPIELK.V	29
PHEAT+216	proteomics_heat	22637	22705	+	2	3	K.GLSGYDSPYVPGWDCHGLPIELK.V	27
PHEAT+217	proteomics_heat	22706	22738	+	2	5	K.VEQEYGKPGEK.F	15
PHEAT+218	proteomics_heat	22766	22804	+	2	3	K.CREYAATQVDGQR.K	17
PHEAT+219	proteomics_heat	22772	22804	+	2	9	R.EYAATQVDGQR.K	15
PHEAT+220	proteomics_heat	22820	22870	+	2	6	R.LGVLDGWSHPYLTMDFK.T	21
PHEAT+221	proteomics_heat	23006	23059	+	2	7	K.TSPSIDVAFQAVDQDALK.A	22
PHEAT+222	proteomics_heat	23066	23143	+	2	8	K.FAVSNVNGPISLVIWTTTPWTL PANR.A	30
PHEAT+223	proteomics_heat	23144	23215	+	2	43	R.AISIAPDFDYALVQIDGQAVILAK.D	28
PHEAT+224	proteomics_heat	23216	23242	+	2	3	K.DLVESVMQR.I	13
PHEAT+225	proteomics_heat	23243	23281	+	2	5	R.IGVTDYTIILGTVK.G	17
PHEAT+226	proteomics_heat	23435	23524	+	2	10	K.YGLETANPVGPDGTYLPGTYP TLDGVNVFK.A	34
PHEAT+227	proteomics_heat	23525	23560	+	2	5	K.ANDIVVALLQEK.G	16
PHEAT+228	proteomics_heat	23561	23584	+	2	3	K.GALLHVEK.M	12
PHEAT+229	proteomics_heat	23639	23674	+	2	4	R.ATPQWFVSM DQK.G	16
PHEAT+230	proteomics_heat	23708	23743	+	2	4	K.GVQWIPDWGQAR.I	16
PHEAT+231	proteomics_heat	23744	23788	+	2	5	R.IESMVANRPDWCISR.Q	19
PHEAT+232	proteomics_heat	23795	23830	+	2	3	R.TWGVPM S L F V H K . D	16

PHEAT+233	proteomics_heat	23855	23884	+	2	3	R.TLELMEEVAK.R	14
PHEAT+234	proteomics_heat	23885	23932	+	2	18	K.RVEVDGIQAWWDLDAK.E	20
PHEAT+235	proteomics_heat	23888	23932	+	2	3	R.VEVDGIQAWWDLDAK.E	19
PHEAT+236	proteomics_heat	23933	23968	+	2	4	K.EILGDEADQYVK.V	16
PHEAT+237	proteomics_heat	24152	24193	+	2	6	R.QVLTHGFTVDGQGR.K	18
PHEAT+238	proteomics_heat	24206	24247	+	2	4	K.SIGNTVSPQDVMNK.L	18
PHEAT+239	proteomics_heat	24371	24448	+	2	6	R.FLLANLNGFDPAKDMVKPEEMVVLDR.W	30
PHEAT+240	proteomics_heat	24410	24448	+	2	2	K.DMVKPEEMVVLDR.W	17
PHEAT+241	proteomics_heat	24470	24493	+	2	3	K.AAQEDILK.A	12
PHEAT+242	proteomics_heat	24494	24532	+	2	9	K.AYEAYDFHEVVQR.L	17
PHEAT+243	proteomics_heat	24542	24586	+	2	3	R.FCSVEMGSFYLDIIK.D	19
PHEAT+244	proteomics_heat	24629	24673	+	2	16	R.SCQTALYHIAEALVR.W	19
PHEAT+245	proteomics_heat	24632	24673	+	2	4	S.CQTALYHIAEALVR.W	18
PHEAT+246	proteomics_heat	24674	24736	+	2	23	R.WMAPILSFTADEVWGYLPGER.E	25
PHEAT+247	proteomics_heat	24884	24943	+	2	14	K.VGGSLEAAVTLYAEPELSAK.L	24
PHEAT+248	proteomics_heat	24944	24970	+	2	3	K.LTALGDEL.R.F	13
PHEAT+249	proteomics_heat	24971	25051	+	2	18	R.FVLLTSGATVADYNDAPADAQQSEVLK.G	31
PHEAT+250	proteomics_heat	25016	25051	+	2	2	D.APADAQQSEVLK.G	16
PHEAT+251	proteomics_heat	25100	25129	+	2	4	R.CWHYTQDVGK.V	14
PHEAT+252	proteomics_heat	25130	25159	+	2	10	K.VAEHAEICGR.C	14
PHEAT+253	proteomics_heat	25160	25195	+	2	2	R.CVSNVAGDGEKR.K	16
PHEAT+254	proteomics_heat	25880	25912	+	2	3	K.LDDGTTAESTR.N	15
PHEAT+255	proteomics_heat	25940	25993	+	2	4	R.LGDASLSEGLEQHLLGLK.V	22
PHEAT+256	proteomics_heat	26006	26077	+	2	4	K.TTFSLEPDAAFGVPSPLIQYFSR.R	28
PHEAT+257	proteomics_heat	26328	26384	+	3	6	R.AISIVENALAIYGAPIYVR.H	23
PHEAT+258	proteomics_heat	26538	26579	+	3	3	R.DLTVFDATCPLVTK.V	18
PHEAT+259	proteomics_heat	26853	26885	+	3	3	R.KDDICYATTNR.Q	15
PHEAT+260	proteomics_heat	27120	27164	+	3	2	R.LQQLGGGEAIPLEGR.E	19
PHEAT+261	proteomics_heat	27434	27508	+	2	3	R.NALQLLHFWNAEIPLAQGAAPLVR.A	29
PHEAT+262	proteomics_heat	27632	27724	+	2	2	R.APEPVTLVAIGPLTNIALLSQCPECKPYIR.R	35
PHEAT+263	proteomics_heat	28374	28394	+	3	3	A.MHDANIR.V	11
PHEAT+264	proteomics_heat	28431	28490	+	3	58	R.QLIQAALALEGVQLGAALER.E	24
PHEAT+265	proteomics_heat	28491	28544	+	3	11	R.EGSSLLGSDAGELAGAGK.T	22
PHEAT+266	proteomics_heat	28494	28583	+	3	4	E.GSSLLGSDAGELAGAGKTGVTVQSSLDVAVK.D	34
PHEAT+267	proteomics_heat	28545	28652	+	3	3	K.TGVTVQSSLDVAVKDDFDVFIDFTRPEGLNHLAF.C	40
PHEAT+268	proteomics_heat	28545	28646	+	3	3	K.TGVTVQSSLDVAVKDDFDVFIDFTRPEGLNHLAF.C	38
PHEAT+269	proteomics_heat	28665	28706	+	3	4	K.GMVIGTTGFDEAGK.Q	18
PHEAT+270	proteomics_heat	28809	28856	+	3	14	K.VMGDYTDIEIEAHR.H	20
PHEAT+271	proteomics_heat	28857	28934	+	3	5	R.HKVDAPSGTALAMGEAIAHALDKDLK.D	30
PHEAT+272	proteomics_heat	28857	28925	+	3	5	R.HKVDAPSGTALAMGEAIAHALDK.D	27
PHEAT+273	proteomics_heat	28935	28955	+	3	4	K.DCAVYSR.E	11
PHEAT+274	proteomics_heat	28956	29009	+	3	3	R.EGHTGERVPGTIGFATVR.A	22
PHEAT+275	proteomics_heat	28977	29009	+	3	5	R.VPGTIGFATVR.A	15
PHEAT+276	proteomics_heat	29010	29063	+	3	15	R.AGDIVGEHTAMFADIGER.L	22
PHEAT+277	proteomics_heat	29094	29120	+	3	4	R.MTFANGAVR.S	13
PHEAT+278	proteomics_heat	29660	29704	+	2	29	K.SALLVLEDGTQFHGR.A	19

PHEAT+279	proteomics_heat	29801	29899	+	2	2	R.QIVTLTYPHIGNVGTNDADDEESSQVHAQGLVIR.D	37
PHEAT+280	proteomics_heat	29900	29929	+	2	2	R.DLPLIASNFR.N	14
PHEAT+281	proteomics_heat	29930	29962	+	2	2	R.NTEDLSSYLKR.H	15
PHEAT+282	proteomics_heat	29963	29998	+	2	21	R.HNIVAIADIDTR.K	16
PHEAT+283	proteomics_heat	29963	30001	+	2	3	R.HNIVAIADIDTRK.L	17
PHEAT+284	proteomics_heat	30020	30088	+	2	3	R.EKGAQNGCIIAGDNPDAALALEK.A	27
PHEAT+285	proteomics_heat	30026	30088	+	2	9	K.GAQNGCIIAGDNPDAALALEK.A	25
PHEAT+286	proteomics_heat	30047	30088	+	2	2	I.IAGDNPDAALALEK.A	18
PHEAT+287	proteomics_heat	30095	30130	+	2	2	R.AFPGLNGMDLAK.E	16
PHEAT+288	proteomics_heat	30206	30259	+	2	5	K.KEDELPFHVVAYDFGAKR.N	22
PHEAT+289	proteomics_heat	30206	30256	+	2	12	K.KEDELPFHVVAYDFGAK.R	21
PHEAT+290	proteomics_heat	30296	30340	+	2	5	R.LTIVPAQTS AEDVLK.M	19
PHEAT+291	proteomics_heat	30341	30421	+	2	8	K.MNPDGIFLSNGPGDPAPCDYAITAIQK.F	31
PHEAT+292	proteomics_heat	30383	30421	+	2	2	D.PAPCDYAITAIQK.F	17
PHEAT+293	proteomics_heat	30386	30496	+	2	23	P.APCDYAITAIQK.FLETDIPVFGICLGHQLLALASGAK.T	41
PHEAT+294	proteomics_heat	30422	30496	+	2	66	K.FLETDIPVFGICLGHQLLALASGAK.T	29
PHEAT+295	proteomics_heat	30440	30496	+	2	2	I.PVFGICLGHQLLALASGAK.T	23
PHEAT+296	proteomics_heat	30557	30628	+	2	23	K.NVVMITAQNHGFAVDEATLPANLR.V	28
PHEAT+297	proteomics_heat	30641	30676	+	2	4	K.SLFDGTLQGIHR.T	16
PHEAT+298	proteomics_heat	30677	30784	+	2	7	R.TDKPAFSFQGHPEASPGPHDAAPLFDHFIELIEQYR.K	40
PHEAT+299	proteomics_heat	30677	30787	+	2	5	R.TDKPAFSFQGHPEASPGPHDAAPLFDHFIELIEQYRK.T	41
PHEAT+300	proteomics_heat	30841	30921	+	1	10	K.SILILGAGPIVIGQACEFDYSGAQACK.A	31
PHEAT+301	proteomics_heat	30922	30945	+	1	3	K.ALREEGYR.V	12
PHEAT+302	proteomics_heat	30946	31041	+	1	5	R.VILVNSNPATIMTDPEMADATYIEPIHWEVVR.K	36
PHEAT+303	proteomics_heat	31057	31128	+	1	14	K.ERPDAVLPTMGGQTALNCALELER.Q	28
PHEAT+304	proteomics_heat	31057	31131	+	1	2	K.ERPDAVLPTMGGQTALNCALELERQ.G	29
PHEAT+305	proteomics_heat	31129	31206	+	1	2	R.QGVLEEFVGTMIGATADAIDKAEDRR.R	30
PHEAT+306	proteomics_heat	31129	31203	+	1	45	R.QGVLEEFVGTMIGATADAIDKAEDR.R	29
PHEAT+307	proteomics_heat	31207	31227	+	1	2	R.RFDVAMK.K	11
PHEAT+308	proteomics_heat	31252	31323	+	1	7	R.SGIAHTMEEALAVAADVGFPCIIIR.P	28
PHEAT+309	proteomics_heat	31252	31371	+	1	3	R.SGIAHTMEEALAVAADVGFPCIIIRPSFTMGGSGGGIAYNR.E	44
PHEAT+310	proteomics_heat	31366	31398	+	1	2	Y.NREEFEEICAR.G	15
PHEAT+311	proteomics_heat	31423	31458	+	1	4	K.ELLIDESLIGWK.E	16
PHEAT+312	proteomics_heat	31459	31482	+	1	2	K.EYEMEVVR.D	12
PHEAT+313	proteomics_heat	31483	31512	+	1	2	R.DKNDNCIIVC.S	14
PHEAT+314	proteomics_heat	31612	31635	+	1	3	R.NASMAVLR.E	12
PHEAT+315	proteomics_heat	31636	31689	+	1	11	R.EIGVETGGSNVQFAVNP.K	22
PHEAT+316	proteomics_heat	31699	31725	+	1	5	R.LVIVEMNPR.V	13
PHEAT+317	proteomics_heat	31792	31845	+	1	33	K.LAVGYTLDELMDITGGR.T	22
PHEAT+318	proteomics_heat	31846	31890	+	1	6	R.TPASFEPSIDYVVT.K.I	19
PHEAT+319	proteomics_heat	31954	31983	+	1	3	K.SVGEVMAIGR.T	14
PHEAT+320	proteomics_heat	32017	32052	+	1	3	R.GLEVGTGDFPK.V	16
PHEAT+321	proteomics_heat	32053	32085	+	1	7	K.VSLDDPEALTK.I	15
PHEAT+322	proteomics_heat	32122	32148	+	1	3	R.IWYIADAFR.A	13
PHEAT+323	proteomics_heat	32149	32196	+	1	6	R.AGLSVDGVFNLTNIDR.W	20
PHEAT+324	proteomics_heat	32197	32229	+	1	3	R.WFLVQIEELVR.L	15

PHEAT+325	proteomics_heat	32242	32286	+	1	7	K.VAEVGITGLNADFLR.Q	19
PHEAT+326	proteomics_heat	32362	32397	+	1	5	K.LRDQYDLHPVYK.R	16
PHEAT+327	proteomics_heat	32368	32397	+	1	3	R.DQYDLHPVYK.R	14
PHEAT+328	proteomics_heat	32398	32493	+	1	2	K.RVDTCAAEFATDTAYMYSTYEEEECEANPSTDR.E	36
PHEAT+329	proteomics_heat	32401	32493	+	1	3	R.VDTCAAEFATDTAYMYSTYEEEECEANPSTDR.E	35
PHEAT+330	proteomics_heat	32500	32529	+	1	3	K.IMVLGGGPNR.I	14
PHEAT+331	proteomics_heat	32587	32661	+	1	21	R.EDGYETIMVNCNPETVSTDYDTSR.L	29
PHEAT+332	proteomics_heat	32611	32661	+	1	7	M.VNCNPETVSTDYDTSR.L	21
PHEAT+333	proteomics_heat	32662	32709	+	1	96	R.LYFEPVTLEDVLEIVR.I	20
PHEAT+334	proteomics_heat	32725	32763	+	1	8	K.GVIVQYGGQTPLK.L	17
PHEAT+335	proteomics_heat	32773	32829	+	1	9	R.ALEAAGVPVIGTSPDAIDR.A	23
PHEAT+336	proteomics_heat	32851	32928	+	1	3	F.QHAVERLKLKQPANATVTAIEMAVEK.A	30
PHEAT+337	proteomics_heat	32875	32928	+	1	28	K.LKQPANATVTAIEMAVEK.A	22
PHEAT+338	proteomics_heat	32881	32928	+	1	2	K.QPANATVTAIEMAVEK.A	20
PHEAT+339	proteomics_heat	32929	32985	+	1	3	K.AKEIGYPLVVRPSYVLGGR.A	23
PHEAT+340	proteomics_heat	32935	32985	+	1	3	K.EIGYPLVVRPSYVLGGR.A	21
PHEAT+341	proteomics_heat	32962	32985	+	1	2	R.PSYVLGGR.A	12
PHEAT+342	proteomics_heat	32986	33024	+	1	4	R.AMEIVYDEADLRR.Y	17
PHEAT+343	proteomics_heat	33286	33315	+	1	3	R.GLMNVQFAVK.N	14
PHEAT+344	proteomics_heat	33316	33351	+	1	8	K.NNEVYLIEVNPR.A	16
PHEAT+345	proteomics_heat	33433	33459	+	1	3	K.SLAEQGVTK.E	13
PHEAT+346	proteomics_heat	33490	33552	+	1	11	K.EVVLFPNFKPGVDPLLGPENR.S	25
PHEAT+347	proteomics_heat	33508	33552	+	1	3	F.NKFPGVDPLLGPENR.S	19
PHEAT+348	proteomics_heat	33514	33552	+	1	2	K.FPGVDPLLGPENR.S	17
PHEAT+349	proteomics_heat	33583	33606	+	1	2	R.TFAEFAK.A	12
PHEAT+350	proteomics_heat	33607	33639	+	1	4	K.AQLGSNSTMKK.H	15
PHEAT+351	proteomics_heat	33607	33636	+	1	4	K.AQLGSNSTMK.K	14
PHEAT+352	proteomics_heat	33715	33783	+	1	9	K.QGFELDATHGTAIVLGEAGINPR.L	27
PHEAT+353	proteomics_heat	33829	33876	+	1	9	R.IKNGEYTYIINTTSGR.R	20
PHEAT+354	proteomics_heat	33835	33876	+	1	6	K.NGEYTYIINTTSGR.R	18
PHEAT+355	proteomics_heat	33928	33999	+	1	16	K.VHYDTTLNGGFATAMALNADATEK.V	28
PHEAT+356	proteomics_heat	34000	34035	+	1	9	K.VISVQEMHAQIK.-	16
PHEAT+357	proteomics_heat	49859	49918	+	2	3	R.VIGMENAMPWNLPADLAWFK.R	24
PHEAT+358	proteomics_heat	49922	49954	+	2	4	R.NTLNKPVIMGR.H	15
PHEAT+359	proteomics_heat	58117	58158	+	1	2	K.QKAQETQQAYELIK.Q	18
PHEAT+360	proteomics_heat	70573	70638	+	1	4	R.EFVCRPGDILLFPPGEIHYYGR.H	26
PHEAT+361	proteomics_heat	81757	81831	+	1	3	R.LAHNLQPSQAAVVARGYQWLRRLHR.N	29
PHEAT+362	proteomics_heat	83023	83061	+	1	124	V.RNVDDGGGTGINRR.F	17
PHEAT+363	proteomics_heat	85690	85776	+	1	14	K.QVFGYPGGAVLDIYDALHTVGGIDHVLVR.H	33
PHEAT+364	proteomics_heat	85777	85818	+	1	3	R.HEQAAVHMADGLAR.A	18
PHEAT+365	proteomics_heat	86029	86061	+	1	3	K.QTEDIPQVLKK.A	15
PHEAT+366	proteomics_heat	86062	86118	+	1	4	K.AFWLAASGRPGPVVVDLPK.D	23
PHEAT+367	proteomics_heat	86119	86178	+	1	2	K.DILNPANKLPYVWPESVSMR.S	24
PHEAT+368	proteomics_heat	86119	86142	+	1	2	K.DILNPANK.L	12
PHEAT+369	proteomics_heat	86143	86178	+	1	3	K.LPYVWPESVSMR.S	16
PHEAT+370	proteomics_heat	86179	86208	+	1	3	R.SYNPTTTGHK.G	14

PHEAT+371	proteomics_heat	86251	86298	+	1	2	K.KPVVVVGGGAITAGCH.Q	20
PHEAT+372	proteomics_heat	86311	86385	+	1	9	K.ETVEALNLPVVCSLMGLGAFPATHR.Q	29
PHEAT+373	proteomics_heat	86509	86565	+	1	2	K.YCPNATVLHIDIDPTSISK.T	23
PHEAT+374	proteomics_heat	86566	86604	+	1	2	K.TVTADIPIVGDAR.Q	17
PHEAT+375	proteomics_heat	86605	86673	+	1	2	R.QVLEQMELLELSQESAHQPLDEIR.D	27
PHEAT+376	proteomics_heat	86743	86778	+	1	6	K.IKPQAVIETLWR.L	16
PHEAT+377	proteomics_heat	86779	86826	+	1	2	R.LTKGDAYVTSVVGQHQ.M	20
PHEAT+378	proteomics_heat	86788	86865	+	1	5	K.GDAYVTSVVGQHQMFYAALYYPFDKPR.R	30
PHEAT+379	proteomics_heat	86869	86931	+	1	9	R.WINSGGLGTMGFGLPAALGVK.M	25
PHEAT+380	proteomics_heat	87076	87105	+	1	2	K.QWQDMIYSGR.H	14
PHEAT+381	proteomics_heat	87106	87147	+	1	13	R.HSQSYMQLPDFVR.L	18
PHEAT+382	proteomics_heat	87148	87210	+	1	3	R.LAEAYGHVGIQISHPHELESK.L	25
PHEAT+383	proteomics_heat	87211	87237	+	1	2	K.LSEALEQVR.N	13
PHEAT+384	proteomics_heat	87307	87339	+	1	2	R.GGGMDEMWLSK.T	15
PHEAT+385	proteomics_heat	87366	87410	+	3	2	R.ILSVLLENESGALSR.V	19
PHEAT+386	proteomics_heat	87435	87491	+	3	4	R.GYNIESLTVAPTDDPTLSR.M	23
PHEAT+387	proteomics_heat	87522	87542	+	3	2	K.VLEQIEK.Q	11
PHEAT+388	proteomics_heat	87573	87608	+	3	8	R.VSELGQGAHVER.E	16
PHEAT+389	proteomics_heat	87627	87662	+	3	2	K.IQASGYGRDEVK.R	16
PHEAT+390	proteomics_heat	87684	87746	+	3	4	R.GQIIDVTPSLYTVQLAGTSGK.L	25
PHEAT+391	proteomics_heat	88214	88261	+	2	2	R.SIGLVIPDLENTSYTR.I	20
PHEAT+392	proteomics_heat	88487	88552	+	2	2	R.EHFTSVVGADQDDAEMLAEELR.K	26
PHEAT+393	proteomics_heat	88553	88618	+	2	2	R.KFPAETVLYLGALPELSVSFLR.E	26
PHEAT+394	proteomics_heat	88658	88693	+	2	2	R.EVHFLYANSYER.E	16
PHEAT+395	proteomics_heat	88808	88903	+	2	5	R.DGKLPSDLAIATFGDNELLDFLQCPVLAQAQR.H	36
PHEAT+396	proteomics_heat	88817	88903	+	2	4	K.LPSDLAIATFGDNELLDFLQCPVLAQAQR.H	33
PHEAT+397	proteomics_heat	89859	89906	+	3	3	R.LLLGHASECQMDGAGR.L	20
PHEAT+398	proteomics_heat	90024	90071	+	3	3	K.EDIDAEQLATGDLSE.R	20
PHEAT+399	proteomics_heat	90112	90195	+	1	5	K.HTTVLLDEAVNGLNIRPDGIYIDGTFGR.G	32
PHEAT+400	proteomics_heat	90244	90288	+	1	4	R.LLAIDRDPQAI(A)AVAK.T	19
PHEAT+401	proteomics_heat	90307	90360	+	1	4	R.FSIIHGPF(S)ALGEYVAER.D	22
PHEAT+402	proteomics_heat	90376	90435	+	1	3	K.IDGILLDLGVSSPQLDDAER.G	24
PHEAT+403	proteomics_heat	90490	90552	+	1	4	R.GQSAAEWLQTAEEADIAWVLK.T	25
PHEAT+404	proteomics_heat	90631	90681	+	1	4	R.TKELAEVVAATPVKDK.F	21
PHEAT+405	proteomics_heat	90721	90765	+	1	2	R.IWVNSELEEIEQALK.S	19
PHEAT+406	proteomics_heat	90799	90834	+	1	2	R.LSII(S)FHSLEDR.I	16
PHEAT+407	proteomics_heat	90868	90915	+	1	3	R.GPQVPAGLPMTEEQ(L)K.K	20
PHEAT+408	proteomics_heat	90952	90990	+	1	2	K.LMPGEEEAENPR.A	17
PHEAT+409	proteomics_heat	91278	91319	+	3	2	R.NLILEENALGDHSR.V	18
PHEAT+410	proteomics_heat	91344	91394	+	3	3	K.LMQMHVDP(S)QENIVVQK.-	21
PHEAT+411	proteomics_heat	93187	93225	+	1	2	R.DLLAPWVPDAPSR.A	17
PHEAT+412	proteomics_heat	93264	93341	+	3	4	C.GGRSLCSCSRSSGGRASI(P)AGDSAR.C	30
PHEAT+413	proteomics_heat	93313	93396	+	1	2	R.RYIPQ(A)IAQGV(A)AII(A)EAKDEATDGEIR.E	32
PHEAT+414	proteomics_heat	93316	93369	+	1	6	R.YIPQ(A)IAQGV(A)AII(A)EAK.D	22
PHEAT+415	proteomics_heat	93316	93396	+	1	3	R.YIPQ(A)IAQGV(A)AII(A)EAKDEATDGEIR.E	31
PHEAT+416	proteomics_heat	93397	93444	+	1	6	R.EMHGVPVIYLSQLNER.L	20

PHEAT+417	proteomics_heat	93466	93495	+	1	4	R.FYHEPSDNL.R.L	14
PHEAT+418	proteomics_heat	93793	93840	+	1	4	R.DHLDYHGDMEHYEA.AK.W	20
PHEAT+419	proteomics_heat	93991	94032	+	1	4	K.ATEVNYHDSGATIR.F	18
PHEAT+420	proteomics_heat	94384	94416	+	1	3	A.DVAVVTDDNPR.T	15
PHEAT+421	proteomics_heat	94432	94482	+	1	2	R.AIINDILAGMLDAGHAK.V	21
PHEAT+422	proteomics_heat	94564	94599	+	1	4	K.GHEDYQIVGNQR.L	16
PHEAT+423	proteomics_heat	94824	94892	+	3	7	K.AGGAGALLVSRPLDIDLPLQ.LIVK.D	27
PHEAT+424	proteomics_heat	94953	94982	+	3	3	R.VVALTGSSGK.T	14
PHEAT+425	proteomics_heat	95490	95561	+	3	9	R.HNIANALAAAALSMSV.GATLDAIK.A	28
PHEAT+426	proteomics_heat	95712	95789	+	3	2	R.VLVVGDMAELGAESEACHVQVGEAAK.A	30
PHEAT+427	proteomics_heat	95826	95879	+	3	3	K.QSHAISTASGVGEHFADK.T	22
PHEAT+428	proteomics_heat	97201	97245	+	1	3	R.MTPPGLDKLP.EAVER.H	19
PHEAT+429	proteomics_heat	97708	97752	+	1	4	K.VCVVNADDALTMPIR.G	19
PHEAT+430	proteomics_heat	97768	97836	+	1	2	R.CVSFGVNMGDYHLNHQQGETWLR.V	27
PHEAT+431	proteomics_heat	97876	97947	+	1	6	K.LSGQHNYTNALALADAAGLPR.A	28
PHEAT+432	proteomics_heat	97996	98028	+	1	4	R.FEVVLEHNGVR.W	15
PHEAT+433	proteomics_heat	98047	98133	+	1	3	K.ATNVGSTEALNGLHVDGTLHLLGGDGK.S	33
PHEAT+434	proteomics_heat	98203	98274	+	1	2	R.DGAQLAALRPEVAEQ.TETMEQAMR.L	28
PHEAT+435	proteomics_heat	98290	98349	+	1	5	R.VQPGDMVLLSPACASLDQFK.N	24
PHEAT+436	proteomics_heat	99222	99263	+	3	2	R.GELWGGQLGNSVQK.L	18
PHEAT+437	proteomics_heat	99665	99727	+	2	2	R.LMVMAGGTGGHVFPGLAVAHH.L	25
PHEAT+438	proteomics_heat	100073	100132	+	2	2	K.VMQAFPAGFPNAEVVGNPVR.T	24
PHEAT+439	proteomics_heat	100265	100303	+	2	2	K.LGDSVTIWHQSGK.G	17
PHEAT+440	proteomics_heat	100304	100360	+	2	5	K.GSQQSVEQAYAEAGQPQHK.V	23
PHEAT+441	proteomics_heat	100424	100495	+	2	3	R.SGALTVSEIAAAGLPALFVPFQHK.D	28
PHEAT+442	proteomics_heat	101398	101442	+	1	3	K.QTFINFLHNLPHYGR.A	19
PHEAT+443	proteomics_heat	101542	101592	+	1	2	R.VEDYQQIGPQGHFTLLR.Q	21
PHEAT+444	proteomics_heat	101638	101712	+	1	7	R.HNALNAAA.VAVATEEGIDDEAILR.A	29
PHEAT+445	proteomics_heat	101743	101790	+	1	6	R.RDFDLGEPFLEPVNGK.S	20
PHEAT+446	proteomics_heat	101791	101856	+	1	5	K.SGTAMLVDDYGHHPTEVDATIK.A	26
PHEAT+447	proteomics_heat	102202	102237	+	1	5	K.LKPQTPEEEQHD.-	16
PHEAT+448	proteomics_heat	102236	102280	+	2	3	M.TDKIAVLLGGTSAER.E	19
PHEAT+449	proteomics_heat	102428	102523	+	2	5	R.GGEDGTLQGMLELMGLPYTGSVGMASALSMDK.L	36
PHEAT+450	proteomics_heat	102536	102589	+	2	5	K.LLWQGAGLPVAPWVALTR.A	22
PHEAT+451	proteomics_heat	102620	102673	+	2	7	K.QLAEISALGLPVIVKPSR.E	22
PHEAT+452	proteomics_heat	102701	102736	+	2	2	K.VVAENALQDALR.L	16
PHEAT+453	proteomics_heat	102737	102775	+	2	4	R.LAFQHDEEV.LIEK.W	17
PHEAT+454	proteomics_heat	102776	102838	+	2	2	K.WLSGPEFTVAILGEEILPSIR.I	25
PHEAT+455	proteomics_heat	102878	102961	+	2	4	K.YLSDETQYFCPAGLEASQEANLQALVLK.A	32
PHEAT+456	proteomics_heat	103097	103132	+	2	2	R.QAGMSFSQLVVR.I	16
PHEAT+457	proteomics_heat	103380	103460	+	3	2	R.QSILALGEPGTFMTQDVNIIQTQIEQR.L	31
PHEAT+458	proteomics_heat	104039	104113	+	2	2	K.VAALVGEVLPDGMVNIIGV.GSCPSR.G	29
PHEAT+459	proteomics_heat	104114	104158	+	2	2	R.GMDKGGVNDLESVVK.C	19
PHEAT+460	proteomics_heat	104240	104332	+	2	3	K.HISCQNEIGMVPISSEEEVTQEDVENVVHTAK.S	35
PHEAT+461	proteomics_heat	104360	104440	+	2	3	R.VLHVIPQEY.AIDYQEGIKNPVGLSGVR.M	31
PHEAT+462	proteomics_heat	104453	104488	+	2	2	K.VHLITCHNDMAK.N	16

PHEAT+463	proteomics_heat	104672	104755	+	2	7	K.VIPYAGNVVTSDIAYAFGTPPSDAEAIK.V	32
PHEAT+464	proteomics_heat	104882	104935	+	2	10	R.YTELLNLVNEEILQLQEK.L	22
PHEAT+465	proteomics_heat	104957	105031	+	2	3	K.HHLAAGIVLTGGAAQIEGLAACQQR.V	29
PHEAT+466	proteomics_heat	105053	105142	+	2	8	R.IGAPLNITGLTDYAQEPYYSTAVGLLHYGK.E	34
PHEAT+467	proteomics_heat	105143	105181	+	2	6	K.ESHLNGEAEVEKR.V	17
PHEAT+468	proteomics_heat	105305	105346	+	2	2	T.MFEPMELTNDAVIK.V	18
PHEAT+469	proteomics_heat	105347	105397	+	2	8	K.VIGVGGGGNAVEHVMVR.E	21
PHEAT+470	proteomics_heat	105398	105457	+	2	7	R.ERIEGVEFFAVNTDAQALRK.T	24
PHEAT+471	proteomics_heat	105404	105457	+	2	5	R.IEGVEFFAVNTDAQALRK.T	22
PHEAT+472	proteomics_heat	105404	105454	+	2	2	R.IEGVEFFAVNTDAQALR.K	21
PHEAT+473	proteomics_heat	105455	105502	+	2	5	R.KTAVGQTTIQIGSGITK.G	20
PHEAT+474	proteomics_heat	105458	105502	+	2	5	K.TAVGQTTIQIGSGITK.G	19
PHEAT+475	proteomics_heat	105503	105538	+	2	5	K.GLGAGANPEVGR.N	16
PHEAT+476	proteomics_heat	105572	105667	+	2	7	R.AALEGADMVFIAAGMGGGTGTGAAPVVAEVAK.D	36
PHEAT+477	proteomics_heat	105668	105724	+	2	29	K.DLGILTVAVVTKPFNFEGK.K	23
PHEAT+478	proteomics_heat	105731	105769	+	2	4	R.MAFAEQGITELSK.H	17
PHEAT+479	proteomics_heat	105770	105805	+	2	7	K.HVDSLITIPNDK.L	16
PHEAT+480	proteomics_heat	105827	105874	+	2	11	R.GISLLDAFGAANDVLK.G	20
PHEAT+481	proteomics_heat	105875	105946	+	2	11	K.GAVQGIAELITRPLMNVDFADVR.T	28
PHEAT+482	proteomics_heat	105947	106009	+	2	4	R.TVMSEMGYAMMGSGVASGEDR.A	25
PHEAT+483	proteomics_heat	106010	106078	+	2	2	R.AEEAAEMAISPLLEDIDLSGAR.G	27
PHEAT+484	proteomics_heat	106079	106117	+	2	10	R.GVLVNITAGFDLR.L	17
PHEAT+485	proteomics_heat	106118	106153	+	2	6	R.LDEFETVGNTIR.A	16
PHEAT+486	proteomics_heat	106154	106225	+	2	10	R.AFASDNATVVIGTSLDPDMNDEL.R.V	28
PHEAT+487	proteomics_heat	106202	106225	+	2	3	D.PDMNDEL.R.V	12
PHEAT+488	proteomics_heat	106226	106291	+	2	9	R.VTVVATGIGMDKRPEITLVTNK.Q	26
PHEAT+489	proteomics_heat	106262	106291	+	2	6	K.RPEITLVTNK.Q	14
PHEAT+490	proteomics_heat	106292	106318	+	2	3	K.QVQQPVMDR.Y	13
PHEAT+491	proteomics_heat	106319	106372	+	2	3	R.YQQHGMAPLTQEQQPVAK.V	22
PHEAT+492	proteomics_heat	106343	106372	+	2	5	P.LTQEQQPVAK.V	14
PHEAT+493	proteomics_heat	106370	106441	+	2	2	A.KVVNDNAPQTAKEPDYLDIPAFLR.K	28
PHEAT+494	proteomics_heat	106370	106405	+	2	5	A.KVVNDNAPQTAK.E	16
PHEAT+495	proteomics_heat	106373	106441	+	2	4	K.VVNDNAPQTAKEPDYLDIPAFLR.K	27
PHEAT+496	proteomics_heat	106373	106405	+	2	6	K.VVNDNAPQTAK.E	15
PHEAT+497	proteomics_heat	106677	106721	+	3	2	R.RTDLNPPVDFPADAK.S	19
PHEAT+498	proteomics_heat	107145	107168	+	3	2	R.DIEYLQSR.G	12
PHEAT+499	proteomics_heat	108345	108389	+	3	6	R.KVVNIINAMEPEMEK.L	19
PHEAT+500	proteomics_heat	108345	108416	+	3	2	R.KVVNIINAMEPEMEKLSDEELK GK.T	28
PHEAT+501	proteomics_heat	108438	108494	+	3	3	R.LEKGEVLENIPEAFVVR.E	23
PHEAT+502	proteomics_heat	108447	108494	+	3	4	K.GEVLENIPEAFVVR.E	20
PHEAT+503	proteomics_heat	108525	108569	+	3	8	R.HFDVQLLGGMVLNER.C	19
PHEAT+504	proteomics_heat	108603	108650	+	3	3	K.TLTATLPAYLNALTGK.G	20
PHEAT+505	proteomics_heat	108651	108692	+	3	11	K.GVHVVTVNDYLAQR.D	18
PHEAT+506	proteomics_heat	108843	108872	+	3	4	R.DNMAFSPEER.V	14
PHEAT+507	proteomics_heat	108882	108938	+	3	7	R.KLHYALVDEVDSILIDEAR.T	23
PHEAT+508	proteomics_heat	108885	108938	+	3	14	K.LHYALVDEVDSILIDEAR.T	22

PHEAT+509	proteomics_heat	108939	108989	+	3	3	R.TPLIISGPAEDSSEMYK.R	21
PHEAT+510	proteomics_heat	108939	108992	+	3	4	R.TPLIISGPAEDSSEMYKR.V	22
PHEAT+511	proteomics_heat	109143	109223	+	3	5	K.EGIMDEGESLYSPANIMLMHHVTAALR.A	31
PHEAT+512	proteomics_heat	109245	109265	+	3	2	R.DVDYIVK.D	11
PHEAT+513	proteomics_heat	109266	109304	+	3	2	K.DGEVIIVDEHTGR.T	17
PHEAT+514	proteomics_heat	109323	109358	+	3	5	R.WSDGLHQAVEAK.E	16
PHEAT+515	proteomics_heat	109359	109424	+	3	2	K.EGVQIQNENQTLASITFQNYFR.L	26
PHEAT+516	proteomics_heat	109437	109496	+	3	3	K.LAGMTGTADTEAFEFSSYK.L	24
PHEAT+517	proteomics_heat	109539	109580	+	3	3	R.KDLPDLVYMTEAEK.I	18
PHEAT+518	proteomics_heat	109542	109580	+	3	3	K.DLPDLVYMTEAEK.I	17
PHEAT+519	proteomics_heat	109581	109613	+	3	5	K.IQAIIEDIKER.T	15
PHEAT+520	proteomics_heat	109725	109805	+	3	20	K.FHANEAAIVAQAGYPAAVTIATNMAGR.G	31
PHEAT+521	proteomics_heat	109806	109886	+	3	31	R.GTDIVLGGSWQAEVAALENPTAEQIEK.I	31
PHEAT+522	proteomics_heat	109911	109961	+	3	17	R.HDAVLEAGGLHIIGTER.H	21
PHEAT+523	proteomics_heat	110103	110135	+	3	2	R.KLGMKPGEAIE.H	15
PHEAT+524	proteomics_heat	110106	110153	+	3	4	K.LGMKPGEAIEHPWVTK.A	20
PHEAT+525	proteomics_heat	110205	110249	+	3	2	R.KQLLEYDDVANDQRR.A	19
PHEAT+526	proteomics_heat	110208	110246	+	3	3	K.QLLEYDDVANDQR.R	17
PHEAT+527	proteomics_heat	110268	110318	+	3	4	R.NELLDVSDVSETINSIR.E	21
PHEAT+528	proteomics_heat	110268	110333	+	3	24	R.NELLDVSDVSETINSIREDFVK.A	26
PHEAT+529	proteomics_heat	110334	110405	+	3	3	K.ATIDAYIPQSL EEMWDIPGLQER.L	28
PHEAT+530	proteomics_heat	110406	110486	+	3	7	R.LKNDFDLPLIAEWLDKEPELHEETLR.E	31
PHEAT+531	proteomics_heat	110493	110525	+	3	2	R.ILAQSIEVYQR.K	15
PHEAT+532	proteomics_heat	110526	110558	+	3	6	R.KEEVVGAEEMMR.H	15
PHEAT+533	proteomics_heat	110571	110606	+	3	4	K.GVMLQTLDSLWK.E	16
PHEAT+534	proteomics_heat	110607	110636	+	3	6	K.EHLAAMDYLR.Q	14
PHEAT+535	proteomics_heat	110829	110909	+	3	8	R.LAQMQQLSHQDDDSAAAAALAAQTGER.K	31
PHEAT+536	proteomics_heat	113516	113542	+	2	6	K.SRSDVELER.Q	13
PHEAT+537	proteomics_heat	113675	113734	+	2	32	K.HYSVEEWQAFINSSADV LK.H	24
PHEAT+538	proteomics_heat	113735	113779	+	2	10	K.HVMVSTGTSDADFEK.T	19
PHEAT+539	proteomics_heat	113735	113785	+	2	2	K.HVMVSTGTSDADFEKTK.Q	21
PHEAT+540	proteomics_heat	113786	113875	+	2	8	K.QILD LNPALNFVCIDVANGYSEHFVQFVAK.A	34
PHEAT+541	proteomics_heat	113900	113974	+	2	4	K.TICAGNVVTGEMCEELILSGADIVK.V	29
PHEAT+542	proteomics_heat	113975	114010	+	2	3	K.VGIGPGSVCTTR.V	16
PHEAT+543	proteomics_heat	114017	114133	+	2	5	K.TGVGYPQLSAVIECADA AHGLGGMIVSDGGCTTPGDVAK.A	43
PHEAT+544	proteomics_heat	114098	114205	+	2	5	S.DGGCTTPGDVAKAFGGGAD FVMLGGMLAGHEESGGR.I	40
PHEAT+545	proteomics_heat	114134	114205	+	2	12	K.AFGGGAD FVMLGGMLAGHEESGGR.I	28
PHEAT+546	proteomics_heat	114203	114229	+	2	2	G.RIVEENGEK.F	13
PHEAT+547	proteomics_heat	114230	114271	+	2	8	K.FMLFYGMSSSESAMK.R	18
PHEAT+548	proteomics_heat	114275	114301	+	2	4	R.HVGGVAEYR.A	13
PHEAT+549	proteomics_heat	114326	114361	+	2	4	K.LPLRGPVENTAR.D	16
PHEAT+550	proteomics_heat	114383	114412	+	2	9	R.SACTYVGASR.L	14
PHEAT+551	proteomics_heat	119087	119146	+	2	2	E.GTDTLAYTDAQYQQLAAVTR.A	24
PHEAT+552	proteomics_heat	122122	122190	+	1	9	K.LSDVIEQQLEFLILEGTLRPGEK.L	27
PHEAT+553	proteomics_heat	122293	122403	+	1	2	R.QGGGTFVQSSSLWQSFSDPLVELLS DHPESQYDLLETR.H	41
PHEAT+554	proteomics_heat	122404	122445	+	1	2	R.HALEGIAAYYAALR.S	18

PHEAT+555	proteomics_heat	122704	122745	+	1	4	R.IFEAIMAGKPEAR.E	18
PHEAT+556	proteomics_heat	122761	122796	+	1	2	R.HLAFIEEILLDR.S	16
PHEAT+557	proteomics_heat	123020	123061	+	2	15	M.SERFPNDVDPIETR.D	18
PHEAT+558	proteomics_heat	123029	123061	+	2	4	R.FPNDVDPIETR.D	15
PHEAT+559	proteomics_heat	123062	123112	+	2	16	R.DWLQAIESVIREEGVER.A	21
PHEAT+560	proteomics_heat	123062	123094	+	2	26	R.DWLQAIESVIR.E	15
PHEAT+561	proteomics_heat	123113	123151	+	2	19	R.AQYLIDQLLAEAR.K	17
PHEAT+562	proteomics_heat	123152	123256	+	2	5	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	39
PHEAT+563	proteomics_heat	123152	123202	+	2	2	R.KGGVNVAAGTGISNYIN.T	21
PHEAT+564	proteomics_heat	123155	123256	+	2	2	K.GGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	38
PHEAT+565	proteomics_heat	123278	123304	+	2	5	R.WNAIMTVLR.A	13
PHEAT+566	proteomics_heat	123314	123397	+	2	3	K.KDLELGGHMASFQSSATIYDVCFNHFFR.A	32
PHEAT+567	proteomics_heat	123317	123337	+	2	2	K.DLELGGH.M	11
PHEAT+568	proteomics_heat	123317	123352	+	2	2	K.DLELGGHMASFQ.S	16
PHEAT+569	proteomics_heat	123317	123397	+	2	12	K.DLELGGHMASFQSSATIYDVCFNHFFR.A	31
PHEAT+570	proteomics_heat	123326	123397	+	2	4	E.LGGHMASFQSSATIYDVCFNHFFR.A	28
PHEAT+571	proteomics_heat	123353	123397	+	2	10	Q.SSATIYDVCFNHFFR.A	19
PHEAT+572	proteomics_heat	123398	123469	+	2	16	R.ARNEQDGGDLVYFQGHISPGVYAR.A	28
PHEAT+573	proteomics_heat	123398	123445	+	2	2	R.ARNEQDGGDLVYFQGH.I	20
PHEAT+574	proteomics_heat	123404	123469	+	2	10	R.NEQDGGDLVYFQGHISPGVYAR.A	26
PHEAT+575	proteomics_heat	123404	123445	+	2	2	R.NEQDGGDLVYFQGH.I	18
PHEAT+576	proteomics_heat	123488	123562	+	2	9	R.LTQEQLDNFRQEVHGNGLSSYPHPK.L	29
PHEAT+577	proteomics_heat	123488	123517	+	2	7	R.LTQEQLDNFR.Q	14
PHEAT+578	proteomics_heat	123518	123562	+	2	3	R.QEVHGNGLSSYPHPK.L	19
PHEAT+579	proteomics_heat	123563	123637	+	2	19	K.LMPEFWQFPTVSMGLGPIGAIYQAK.F	29
PHEAT+580	proteomics_heat	123584	123637	+	2	2	Q.FPTVSMGLGPIGAIYQAK.F	22
PHEAT+581	proteomics_heat	123683	123736	+	2	8	K.QTVYAFLGDGEMDEPESK.G	22
PHEAT+582	proteomics_heat	123707	123736	+	2	2	G.DGEMDEPESK.G	14
PHEAT+583	proteomics_heat	123737	123760	+	2	3	K.GAITIATR.E	12
PHEAT+584	proteomics_heat	123761	123808	+	2	40	R.EKLDNLV FVINCNLQR.L	20
PHEAT+585	proteomics_heat	123767	123808	+	2	5	K.LDNLV FVINCNLQR.L	18
PHEAT+586	proteomics_heat	123809	123838	+	2	6	R.LDGPVTGNK.I	14
PHEAT+587	proteomics_heat	123839	123892	+	2	176	K.IINELEGIFEGAGWNVIK.V	22
PHEAT+588	proteomics_heat	123947	123997	+	2	19	K.LIQLMNETVDGDYQTFK.S	21
PHEAT+589	proteomics_heat	124022	124039	+	2	4	R.EHFFGK.Y	10
PHEAT+590	proteomics_heat	124022	124102	+	2	4	R.EHFFGKYPETAALVADWTDEQIWALNR.G	31
PHEAT+591	proteomics_heat	124040	124102	+	2	20	K.YPETAALVADWTDEQIWALNR.G	25
PHEAT+592	proteomics_heat	124160	124186	+	2	2	K.GKATVILAH.T	13
PHEAT+593	proteomics_heat	124166	124195	+	2	11	K.ATVILAHTIK.G	14
PHEAT+594	proteomics_heat	124196	124228	+	2	7	K.GYGMGDAAEGK.N	15
PHEAT+595	proteomics_heat	124250	124273	+	2	2	K.KMNMDGVR.H	12
PHEAT+596	proteomics_heat	124283	124333	+	2	3	R.DRFNVPVSDADIEKLPY.I	21
PHEAT+597	proteomics_heat	124283	124384	+	2	3	R.DRFNVPVSDADIEKLPYITFPEGSEEHTYLHAQR.Q	38
PHEAT+598	proteomics_heat	124283	124324	+	2	2	R.DRFNVPVSDADIEK.L	18
PHEAT+599	proteomics_heat	124289	124384	+	2	4	R.FNVPVSDADIEKLPYITFPEGSEEHTYLHAQR.Q	36
PHEAT+600	proteomics_heat	124325	124384	+	2	5	K.LPYITFPEGSEEHTYLHAQR.Q	24

PHEAT+601	proteomics_heat	124334	124384	+	2	4	Y.ITFPEGSEEHTYLHAQR.Q	21
PHEAT+602	proteomics_heat	124343	124384	+	2	4	F.PEGSEEHTYLHAQR.Q	18
PHEAT+603	proteomics_heat	124391	124414	+	2	2	K.LHGYLPSR.Q	12
PHEAT+604	proteomics_heat	124415	124489	+	2	8	R.QPNFTEKLELPSLQDFGALLEEQSK.E	29
PHEAT+605	proteomics_heat	124436	124489	+	2	24	K.LELPSLQDFGALLEEQSK.E	22
PHEAT+606	proteomics_heat	124436	124519	+	2	48	K.LELPSLQDFGALLEEQSKEISTTIAFVR.A	32
PHEAT+607	proteomics_heat	124490	124519	+	2	4	K.EISTTIAFVR.A	14
PHEAT+608	proteomics_heat	124562	124591	+	2	2	R.LVPIIADEAR.T	14
PHEAT+609	proteomics_heat	124592	124618	+	2	4	R.TFGMEGLFR.Q	13
PHEAT+610	proteomics_heat	124619	124669	+	2	8	R.QIGIYSPNGQQYTPQDR.E	21
PHEAT+611	proteomics_heat	124670	124690	+	2	3	R.EQVAYYK.E	11
PHEAT+612	proteomics_heat	124670	124702	+	2	5	R.EQVAYYKEDK.G	15
PHEAT+613	proteomics_heat	124838	124879	+	2	9	R.IGDLCWAAGDQQAR.G	18
PHEAT+614	proteomics_heat	124880	124909	+	2	2	R.GFLIGGTSGR.T	14
PHEAT+615	proteomics_heat	124910	124969	+	2	4	R.TTLNGEGLQHEDGHSIQSL.T	24
PHEAT+616	proteomics_heat	124982	125047	+	2	5	N.CISYDPAYAYEVAVIMHDGLER.M	26
PHEAT+617	proteomics_heat	125063	125149	+	2	12	K.QENVYYYYITTLNENYHMPAMPEGAEEGIR.K	33
PHEAT+618	proteomics_heat	125063	125152	+	2	14	K.QENVYYYYITTLNENYHMPAMPEGAEEGIRK.G	34
PHEAT+619	proteomics_heat	125153	125188	+	2	10	K.GIYKLETIEGSK.G	16
PHEAT+620	proteomics_heat	125189	125227	+	2	9	K.GKVQLLGGSGSILR.H	17
PHEAT+621	proteomics_heat	125195	125227	+	2	11	K.VQLLGGSGSILR.H	15
PHEAT+622	proteomics_heat	125261	125317	+	2	50	K.DYGVGSDVYSVTSFTELAR.D	23
PHEAT+623	proteomics_heat	125339	125371	+	2	11	R.WNMLHPLETFR.V	15
PHEAT+624	proteomics_heat	125339	125362	+	2	2	R.WNMLHPLE.T	12
PHEAT+625	proteomics_heat	125372	125434	+	2	16	R.VPYIAQVMNDAPAVASTDYMK.L	25
PHEAT+626	proteomics_heat	125381	125434	+	2	2	Y.IAQVMNDAPAVASTDYMK.L	22
PHEAT+627	proteomics_heat	125435	125455	+	2	2	K.LFAEQVR.T	11
PHEAT+628	proteomics_heat	125483	125509	+	2	2	R.VLGTDFGFR.S	13
PHEAT+629	proteomics_heat	125612	125638	+	2	3	K.KVVADAIK.F	13
PHEAT+630	proteomics_heat	125639	125671	+	2	14	K.FNIDADKVNPR.L	15
PHEAT+631	proteomics_heat	125698	125763	+	1	20	M.AIEIKVPDIGADEVEITEILVK.V	26
PHEAT+632	proteomics_heat	125713	125763	+	1	68	K.VPDIGADEVEITEILVK.V	21
PHEAT+633	proteomics_heat	125887	125970	+	1	12	K.TQTGALIMIFDSADGAADAAPAQAEKK.E	32
PHEAT+634	proteomics_heat	125887	125967	+	1	6	K.TQTGALIMIFDSADGAADAAPAQAEKK.K	31
PHEAT+635	proteomics_heat	125920	125967	+	1	2	D.SADGAADAAPAQAEKK.K	20
PHEAT+636	proteomics_heat	125929	125967	+	1	3	D.GAADAAPAQAEKK.K	17
PHEAT+637	proteomics_heat	125968	126012	+	1	8	K.KEAAPAAAPAAAAK.D	19
PHEAT+638	proteomics_heat	125971	126012	+	1	5	K.EAAPAAAPAAAAK.D	18
PHEAT+639	proteomics_heat	126013	126072	+	1	46	K.DVNVPDIGSDEVEITEILVK.V	24
PHEAT+640	proteomics_heat	126022	126072	+	1	2	N.VPDIGSDEVEITEILVK.V	21
PHEAT+641	proteomics_heat	126268	126315	+	1	12	K.QEAAPAAAPAPAAGVK.E	20
PHEAT+642	proteomics_heat	126280	126315	+	1	2	A.PAAAPAPAAGVK.E	16
PHEAT+643	proteomics_heat	126316	126375	+	1	11	K.EVNVPDIGGDEVEITEVMVK.V	24
PHEAT+644	proteomics_heat	126472	126504	+	1	2	K.ELKVNVDKVK.T	15
PHEAT+645	proteomics_heat	126481	126504	+	1	3	K.VNVGDKVK.T	12
PHEAT+646	proteomics_heat	126505	126600	+	1	20	K.TGSLIMIFEVEGAAPAAAPAKQEAAPAPAAK.A	36

PHEAT+647	proteomics_heat	126505	126567	+	1	31	K.TGSLIMIFEVEGAAPAAAPAK.Q	25
PHEAT+648	proteomics_heat	126568	126600	+	1	6	K.QEAAAAPAPAAK.A	15
PHEAT+649	proteomics_heat	126601	126633	+	1	10	K.AEAPAAAPAAK.A	15
PHEAT+650	proteomics_heat	126613	126696	+	1	4	P.AAAPAAKAEGKSEFAENDAYVHATPLIR.R	32
PHEAT+651	proteomics_heat	126634	126696	+	1	3	K.AEGKSEFAENDAYVHATPLIR.R	25
PHEAT+652	proteomics_heat	126646	126696	+	1	17	K.SEFAENDAYVHATPLIR.R	21
PHEAT+653	proteomics_heat	126709	126732	+	1	2	R.EFGVNLAK.V	12
PHEAT+654	proteomics_heat	126760	126792	+	1	17	R.ILREDVQAYVK.E	15
PHEAT+655	proteomics_heat	126760	126810	+	1	2	R.ILREDVQAYVKEAIKRA.E	21
PHEAT+656	proteomics_heat	126805	126867	+	1	11	K.RAEAAPAATGGGIPGMLPWP.K.V	25
PHEAT+657	proteomics_heat	126805	126894	+	1	2	K.RAEAAPAATGGGIPGMLPWP.K.VDFSDFGEI.E	34
PHEAT+658	proteomics_heat	126808	126867	+	1	9	R.AEAPAAATGGGIPGMLPWP.K.V	24
PHEAT+659	proteomics_heat	126883	126915	+	1	5	K.FGEIEEVELGR.I	15
PHEAT+660	proteomics_heat	126925	126948	+	1	2	K.ISGANLSR.N	12
PHEAT+661	proteomics_heat	126949	126987	+	1	2	R.NWVMIPHVTHFDK.T	17
PHEAT+662	proteomics_heat	126949	127017	+	1	15	R.NWVMIPHVTHFDKTDITELEAFR.K	27
PHEAT+663	proteomics_heat	126949	127020	+	1	4	R.NWVMIPHVTHFDKTDITELEAFR.K.Q	28
PHEAT+664	proteomics_heat	126970	127020	+	1	2	H.VTHFDKTDITELEAFR.Q	21
PHEAT+665	proteomics_heat	126970	127017	+	1	3	H.VTHFDKTDITELEAFR.K	20
PHEAT+666	proteomics_heat	127090	127122	+	1	7	K.AVAAALEQMPR.F	15
PHEAT+667	proteomics_heat	127123	127155	+	1	7	R.FNSSLSEGDQR.L	15
PHEAT+668	proteomics_heat	127168	127230	+	1	7	K.KYINIGVAVDTPNGLVVPVK.D	25
PHEAT+669	proteomics_heat	127171	127230	+	1	22	K.YINIGVAVDTPNGLVVPVK.D	24
PHEAT+670	proteomics_heat	127243	127266	+	1	4	K.KGIIELSR.E	12
PHEAT+671	proteomics_heat	127267	127287	+	1	3	R.ELMTISK.K	11
PHEAT+672	proteomics_heat	127306	127425	+	1	30	K.LTAGEMQGGCFTISSIGGLGTHFAPIVNAPEVAILGVSK.S	44
PHEAT+673	proteomics_heat	127426	127455	+	1	2	K.SAMEPVWNGK.E	14
PHEAT+674	proteomics_heat	127426	127470	+	1	4	K.SAMEPVWNGKEFVPR.L	19
PHEAT+675	proteomics_heat	127471	127506	+	1	5	R.LMLPISLSFDHR.V	16
PHEAT+676	proteomics_heat	127507	127533	+	1	5	R.VIDGADGAR.F	13
PHEAT+677	proteomics_heat	127531	127572	+	1	11	A.RFITIINNTLSDIR.R	18
PHEAT+678	proteomics_heat	127534	127572	+	1	4	R.FITIINNTLSDIR.R	17
PHEAT+679	proteomics_heat	127534	127575	+	1	2	R.FITIINNTLSDIRR.L	18
PHEAT+680	proteomics_heat	127930	127983	+	1	24	K.TQVVVLGAGPAGYSAAFR.C	22
PHEAT+681	proteomics_heat	127984	128022	+	1	6	R.CADLGLETVIVER.Y	17
PHEAT+682	proteomics_heat	128023	128073	+	1	18	R.YNTLGGVCLNVGCIPSK.A	21
PHEAT+683	proteomics_heat	128113	128151	+	1	13	K.ALAEHGIVFGPEK.T	17
PHEAT+684	proteomics_heat	128152	128172	+	1	2	K.TDIDKIR.T	11
PHEAT+685	proteomics_heat	128182	128229	+	1	7	K.EKVINQLTGGLAGMAK.G	20
PHEAT+686	proteomics_heat	128188	128229	+	1	10	K.VINQLTGGLAGMAK.G	18
PHEAT+687	proteomics_heat	128266	128310	+	1	20	K.FTGANTLEVEGENGK.T	19
PHEAT+688	proteomics_heat	128311	128394	+	1	34	K.TVINFDNAIIAAGSRPIQLPFIPHEDPR.I	32
PHEAT+689	proteomics_heat	128311	128355	+	1	2	K.TVINFDNAIIAAGSR.P	19
PHEAT+690	proteomics_heat	128395	128427	+	1	8	R.IWDSTDALELK.E	15
PHEAT+691	proteomics_heat	128395	128442	+	1	2	R.IWDSTDALELKEVPER.L	20
PHEAT+692	proteomics_heat	128443	128496	+	1	26	R.LLVMGGGIIGLEMGTVYH.A	22

PHEAT+693	proteomics_heat	128497	128571	+	1	31	H.ALGSQIDVVMFDQVIPAADKDIVK.V	29
PHEAT+694	proteomics_heat	128596	128622	+	1	14	K.KFNLMLETK.V	13
PHEAT+695	proteomics_heat	128623	128676	+	1	12	K.VTAVEAKEDGIYVTMEGK.K	22
PHEAT+696	proteomics_heat	128644	128676	+	1	9	K.EDGIYVTMEGK.K	15
PHEAT+697	proteomics_heat	128677	128730	+	1	6	K.KAPAEQRYDAVLVAIGR.V	22
PHEAT+698	proteomics_heat	128680	128730	+	1	2	K.APAEQRYDAVLVAIGR.V	21
PHEAT+699	proteomics_heat	128701	128730	+	1	3	R.YDAVLVAIGR.V	14
PHEAT+700	proteomics_heat	128818	128880	+	1	33	R.TNVPHIFAIGDIVGQPMLAHK.G	25
PHEAT+701	proteomics_heat	128818	128874	+	1	2	R.TNVPHIFAIGDIVGQPMLA.H	23
PHEAT+702	proteomics_heat	128833	128880	+	1	2	H.IFAIGDIVGQPMLAHK.G	20
PHEAT+703	proteomics_heat	128881	128925	+	1	10	K.GVHEGHVAAEVIAGK.K	19
PHEAT+704	proteomics_heat	128881	128910	+	1	2	K.GVHEGHVAAE.V	14
PHEAT+705	proteomics_heat	128920	129006	+	1	5	A.GKKHYFDPKVIPSIAYTEPEVAWVGLTEK.E	33
PHEAT+706	proteomics_heat	128947	129006	+	1	12	K.VIPSIAYTEPEVAWVGLTEK.E	24
PHEAT+707	proteomics_heat	128953	129006	+	1	3	I.PSIAYTEPEVAWVGLTEK.E	22
PHEAT+708	proteomics_heat	129016	129069	+	1	5	K.EKGISYETATFPWAASGR.A	22
PHEAT+709	proteomics_heat	129022	129069	+	1	11	K.GISYETATFPWAASGR.A	20
PHEAT+710	proteomics_heat	129070	129105	+	1	17	R.AIASDCADGMTK.L	16
PHEAT+711	proteomics_heat	131651	131719	+	2	16	R.AAEGIAPKPLDANQMAALVELLK.N	27
PHEAT+712	proteomics_heat	131675	131719	+	2	4	K.PLDANQMAALVELLK.N	19
PHEAT+713	proteomics_heat	131693	131770	+	2	6	Q.MAALVELLKNPPAGEEEFLDLLLTNR.V	30
PHEAT+714	proteomics_heat	131720	131770	+	2	24	K.NPPAGEEEFLDLLLTNR.V	21
PHEAT+715	proteomics_heat	131720	131806	+	2	5	K.NPPAGEEEFLDLLLTNRVPPGVDEAAYVK.A	33
PHEAT+716	proteomics_heat	131771	131806	+	2	2	R.VPPGVDEAAYVK.A	16
PHEAT+717	proteomics_heat	131807	131833	+	2	3	K.AGFLAAIAK.G	13
PHEAT+718	proteomics_heat	131846	131869	+	2	9	K.SPLLTPEK.A	12
PHEAT+719	proteomics_heat	131870	131944	+	2	37	K.AIELLGTMQGGYNIHPLIDALDDAK.L	29
PHEAT+720	proteomics_heat	131966	132019	+	2	41	K.ALSHTLLMFDNFYDVEEK.A	22
PHEAT+721	proteomics_heat	132047	132109	+	2	7	K.QVMQSWADA EWFLNRPALAEK.L	25
PHEAT+722	proteomics_heat	132233	132277	+	2	12	R.EGIEPDQPGVVGPIK.Q	19
PHEAT+723	proteomics_heat	132278	132301	+	2	2	K.QIEALQK.G	12
PHEAT+724	proteomics_heat	132299	132352	+	2	5	Q.KGFPLAYVGDVVGTSR.K	22
PHEAT+725	proteomics_heat	132302	132352	+	2	13	K.GFPLAYVGDVVGTSR.K	21
PHEAT+726	proteomics_heat	132302	132355	+	2	2	K.GFPLAYVGDVVGTSR.K.S	22
PHEAT+727	proteomics_heat	132353	132418	+	2	3	R.KSATNSVLWFMGDDIPHPNKR.G	26
PHEAT+728	proteomics_heat	132353	132415	+	2	6	R.KSATNSVLWFMGDDIPHPNKR.R	25
PHEAT+729	proteomics_heat	132356	132418	+	2	20	K.SATNSVLWFMGDDIPHPNKR.G	25
PHEAT+730	proteomics_heat	132419	132445	+	2	5	R.GGGLCLGGK.I	13
PHEAT+731	proteomics_heat	132446	132553	+	2	3	K.IAIFNTMEDAGALPIEVDVSNLNMGDVIDVYPYK.G	40
PHEAT+732	proteomics_heat	132446	132565	+	2	13	K.IAIFNTMEDAGALPIEVDVSNLNMGDVIDVYPYKGEVR.N	44
PHEAT+733	proteomics_heat	132491	132565	+	2	3	L.PIEVDVSNLNMGDVIDVYPYKGEVR.N	29
PHEAT+734	proteomics_heat	132503	132565	+	2	2	V.DVSNLNMGDVIDVYPYKGEVR.N	25
PHEAT+735	proteomics_heat	132566	132607	+	2	40	R.NHETGELLATFELK.T	18
PHEAT+736	proteomics_heat	132608	132634	+	2	4	K.TDVLIDEVR.A	13
PHEAT+737	proteomics_heat	132689	132724	+	2	7	R.EALGLPHSDVFR.Q	16
PHEAT+738	proteomics_heat	132803	132835	+	2	9	K.GIRPGAYCEPK.M	15

PHEAT+739	proteomics_heat	132836	132880	+	2	6	K.MTSVGSQDTTGPMTR.D	19
PHEAT+740	proteomics_heat	132947	133015	+	2	3	H.TAAYPKVDVNTHTLPDFIMNR.G	27
PHEAT+741	proteomics_heat	132965	133015	+	2	3	K.PVDVNTHTLPDFIMNR.G	21
PHEAT+742	proteomics_heat	133016	133069	+	2	11	R.GGVSLRPGDGVVHSLWLR.M	22
PHEAT+743	proteomics_heat	133016	133057	+	2	2	R.GGVSLRPGDGVVH.S	18
PHEAT+744	proteomics_heat	133016	133054	+	2	2	R.GGVSLRPGDGVVH.S	17
PHEAT+745	proteomics_heat	133070	133117	+	2	7	R.MLLPDTVGTGGDSHTR.F	20
PHEAT+746	proteomics_heat	133070	133165	+	2	3	R.MLLPDTVGTGGDSHTRFPIGISFPAGSGLVAF.A	36
PHEAT+747	proteomics_heat	133118	133219	+	2	26	R.FPIGISFPAGSGLVAFAAATGVMLDMPESVLVR.F	38
PHEAT+748	proteomics_heat	133166	133219	+	2	5	F.AAATGVMLDMPESVLVR.F	22
PHEAT+749	proteomics_heat	133256	133291	+	2	6	R.DLVHAIPLYAIK.Q	16
PHEAT+750	proteomics_heat	133346	133420	+	2	74	R.ILEIEGLPDLKVEQAFELTDASAER.S	29
PHEAT+751	proteomics_heat	133346	133378	+	2	4	R.ILEIEGLPDLK.V	15
PHEAT+752	proteomics_heat	133379	133420	+	2	8	K.VEQAFELTDASAER.S	18
PHEAT+753	proteomics_heat	133445	133498	+	2	52	K.LNKEPIIEYLNINIVLLK.W	22
PHEAT+754	proteomics_heat	133445	133477	+	2	3	K.LNKEPIIEYLN.S	15
PHEAT+755	proteomics_heat	133499	133531	+	2	2	K.WMIAEGYDRR.T	15
PHEAT+756	proteomics_heat	133499	133528	+	2	2	K.WMIAEGYGDR.R	14
PHEAT+757	proteomics_heat	133718	133768	+	2	29	K.IDEVFIGSCMTNIGHFR.A	21
PHEAT+758	proteomics_heat	133781	133816	+	2	2	K.LLDAHKGQLPTR.L	16
PHEAT+759	proteomics_heat	133841	133891	+	2	27	R.MDAAQLTEEGYYSVFGK.S	21
PHEAT+760	proteomics_heat	133904	133948	+	2	6	R.IEIPGCCLCMGNQAR.V	19
PHEAT+761	proteomics_heat	133949	133987	+	2	5	R.VADGATVVSTSTR.N	17
PHEAT+762	proteomics_heat	133976	134071	+	2	14	S.TSTRNFPNRLGTGANVFLASAELAAVAALIGK.L	36
PHEAT+763	proteomics_heat	134003	134071	+	2	929	R.LGTGANVFLASAELAAVAALIGK.L	27
PHEAT+764	proteomics_heat	134003	134119	+	2	11	R.LGTGANVFLASAELAAVAALIGKLPTPEEYQTYVAQVDK.T	43
PHEAT+765	proteomics_heat	134072	134140	+	2	2	K.LPTPEEYQTYVAQVDKTAVDTYR.Y	27
PHEAT+766	proteomics_heat	134072	134119	+	2	8	K.LPTPEEYQTYVAQVDK.T	20
PHEAT+767	proteomics_heat	134141	134179	+	2	12	R.YLNFNQLSQYTEK.A	17
PHEAT+768	proteomics_heat	137167	137217	+	1	7	A.AERPTLPIPDLLTTDAR.N	21
PHEAT+769	proteomics_heat	137224	137268	+	1	4	R.IQLTIGAGQSTFGGK.T	19
PHEAT+770	proteomics_heat	137518	137604	+	1	2	H.GKTGRQVAMGLAGLVVIEDDEILKMLPK.Q	33
PHEAT+771	proteomics_heat	137533	137589	+	1	2	R.QVAMGLAGLVVIEDDEILK.L	23
PHEAT+772	proteomics_heat	137605	137649	+	1	2	K.QWGIDDDVPVIVQDKK.F	19
PHEAT+773	proteomics_heat	137605	137646	+	1	2	K.QWGIDDDVPVIVQDK.K	18
PHEAT+774	proteomics_heat	137809	137889	+	1	9	R.SLNFATSDNRPLYVIASDGGLLPEPVK.V	31
PHEAT+775	proteomics_heat	137890	137922	+	1	2	K.VSELVLMGER.F	15
PHEAT+776	proteomics_heat	138037	138129	+	1	8	R.IQPAAISASGALPDTLSSLPALPSLEGLTVR.K	35
PHEAT+777	proteomics_heat	138133	138192	+	1	4	K.LQLSMDPMLDMMGMQMLMEK.Y	24
PHEAT+778	proteomics_heat	138286	138309	+	1	2	K.FDFHHANK.I	12
PHEAT+779	proteomics_heat	138310	138360	+	1	3	K.INGQAFDMNKPMAAAK.G	21
PHEAT+780	proteomics_heat	138376	138420	+	1	2	R.WVISGVGDMMLHPPH.I	19
PHEAT+781	proteomics_heat	138442	138480	+	1	2	R.ILENGKPPAAHR.A	17
PHEAT+782	proteomics_heat	138505	138537	+	1	4	K.VEGNVSEVLVK.F	15
PHEAT+783	proteomics_heat	138538	138558	+	1	2	K.FNHDAPK.E	11
PHEAT+784	proteomics_heat	141431	141475	+	2	2	D.MKHTVEVMIPEAEIK.A	19

PHEAT+785	proteomics_heat	141437	141475	+	2	7	K.HTVEVMIPEAEIK.A	17
PHEAT+786	proteomics_heat	141515	141559	+	2	10	R.YKDSGSDMVLVGLLR.G	19
PHEAT+787	proteomics_heat	141593	141664	+	2	2	R.EVQVSHEVDFMTASSYGSGMSTTR.D	28
PHEAT+788	proteomics_heat	141683	141703	+	2	2	K.DLDEDIR.G	11
PHEAT+789	proteomics_heat	141704	141760	+	2	21	R.GKDVLIVEDIIDSGNTLSK.V	23
PHEAT+790	proteomics_heat	141710	141760	+	2	5	K.DVLIVEDIIDSGNTLSK.V	21
PHEAT+791	proteomics_heat	142782	142814	+	3	2	M.TIALELQQLKK.T	15
PHEAT+792	proteomics_heat	143391	143441	+	3	2	R.NIGIIQHGELVENTSMK.A	21
PHEAT+793	proteomics_heat	143457	143495	+	3	2	K.LKSETFILDLPK.S	17
PHEAT+794	proteomics_heat	143571	143636	+	3	5	R.EQGINSVFTQLSEGGIQVLSMR.N	26
PHEAT+795	proteomics_heat	143643	143687	+	3	3	K.ANRLEELFVSLVNEK.Q	19
PHEAT+796	proteomics_heat	159839	159856	+	2	2	R.DVAIAR.E	10
PHEAT+797	proteomics_heat	162108	162203	+	3	5	V.SSLPVAAVLPELLTALDCAPQVLLSAPTGAGK.S	36
PHEAT+798	proteomics_heat	164811	164873	+	3	3	R.YEDDDDDYDDYDDYEDEEPMR.K	25
PHEAT+799	proteomics_heat	165384	165434	+	3	5	R.SGFPDLLVDTLLATEDR.H	21
PHEAT+800	proteomics_heat	165588	165629	+	3	2	R.KANEAYMALIMDAR.Y	18
PHEAT+801	proteomics_heat	165864	165941	+	3	3	R.LLQQQQIIDQELYDMLSARPLGVQPR.G	30
PHEAT+802	proteomics_heat	166125	166166	+	3	2	R.KLSDLETAIVVDR.F	18
PHEAT+803	proteomics_heat	166530	166631	+	3	23	K.DQLHPVPAMLLGALNLTPIEVAQAFQTIASGGNR.A	38
PHEAT+804	proteomics_heat	166710	166769	+	3	3	R.AVPAQAAYLTLWTMQVVQR.G	24
PHEAT+805	proteomics_heat	167598	167675	+	3	7	K.EDTITVTAAPAPQESAWGPAATIAAR.Q	30
PHEAT+806	proteomics_heat	167676	167717	+	3	3	R.QSATGKTDTPIQK.V	18
PHEAT+807	proteomics_heat	167718	167774	+	3	7	K.VPQISVVTAEEMALHQPK.S	23
PHEAT+808	proteomics_heat	167784	167825	+	3	3	K.EALSYPGVSVGTR.G	18
PHEAT+809	proteomics_heat	167826	167861	+	3	4	R.GASNTYDHLIIR.G	16
PHEAT+810	proteomics_heat	167862	167912	+	3	4	R.GFAAEGQSQNNYLNLGLK.L	21
PHEAT+811	proteomics_heat	167913	167966	+	3	3	K.LQGNFYNDAAVIDPYMLER.A	22
PHEAT+812	proteomics_heat	168009	168044	+	3	3	K.SSPGLLNMVSK.R	16
PHEAT+813	proteomics_heat	168045	168083	+	3	4	K.RPTTEPLKEVQFK.A	17
PHEAT+814	proteomics_heat	168084	168161	+	3	16	K.AGTDSLFLQTFDFSDSLDDDGVSYSR.L	30
PHEAT+815	proteomics_heat	168219	168260	+	3	3	R.YAIAPAFTWRPDDK.T	18
PHEAT+816	proteomics_heat	168273	168329	+	3	2	T.FLSYFQNEPETGYGWLPK.E	23
PHEAT+817	proteomics_heat	168363	168395	+	3	4	K.RLPTDFNEGAK.N	15
PHEAT+818	proteomics_heat	168423	168473	+	3	3	K.MVGYSFDHEFNDFTVR.Q	21
PHEAT+819	proteomics_heat	168501	168563	+	3	2	K.TSQNSVYGYGVCSDPANAYSK.Q	25
PHEAT+820	proteomics_heat	168564	168611	+	3	2	K.QCAALAPADKGHYLAR.K	20
PHEAT+821	proteomics_heat	168564	168593	+	3	2	K.QCAALAPADK.G	14
PHEAT+822	proteomics_heat	168612	168674	+	3	8	R.KYVVDEKLQNFVDTQLQSK.F	25
PHEAT+823	proteomics_heat	168615	168674	+	3	2	K.YVVDEKLQNFVDTQLQSK.F	24
PHEAT+824	proteomics_heat	168675	168728	+	3	6	K.FATGDIDHTLLTGVDVFM.R	22
PHEAT+825	proteomics_heat	168735	168854	+	3	2	R.NDINAWFGYDDSVPLLNLYNPVNTDFDFNAKDPANSGPYR.I	44
PHEAT+826	proteomics_heat	168735	168827	+	3	2	R.NDINAWFGYDDSVPLLNLYNPVNTDFDFNAK.D	35
PHEAT+827	proteomics_heat	168939	168971	+	3	3	R.YDWADQESLNR.V	15
PHEAT+828	proteomics_heat	169020	169106	+	3	3	R.GGVNYLFDNGVTPYFSYSEFEPSSQVGK.D	33
PHEAT+829	proteomics_heat	169107	169133	+	3	3	K.DGNIFAPSK.G	13
PHEAT+830	proteomics_heat	169161	169217	+	3	2	K.YVPEDRPIVVTGAVYNLTK.T	23

PHEAT+831	proteomics_heat	169218	169280	+	3	2	K.TNNLMADPEGSFFSVEGGEIR.A	25
PHEAT+832	proteomics_heat	169416	169493	+	3	5	K.HMASLWADYTFDFGPLSGLTLGTGGR.Y	30
PHEAT+833	proteomics_heat	169587	169640	+	3	8	R.VGMAGSNVALHVNNLFDR.E	22
PHEAT+834	proteomics_heat	169778	169822	+	2	2	V.MQEYTNHSDTTFALR.N	19
PHEAT+835	proteomics_heat	170980	171063	+	1	2	R.KSLTEMADLLNLQSAETHLAQYEDFIR.S	32
PHEAT+836	proteomics_heat	176613	176663	+	3	7	M.SDDVALPLEFTDAAANK.V	21
PHEAT+837	proteomics_heat	176670	176705	+	3	5	K.SLIADEDNPNLK.L	16
PHEAT+838	proteomics_heat	176802	176891	+	3	36	K.QGVGLVDPMSLQYLVGGSVDYTEGLEGSR.F	34
PHEAT+839	proteomics_heat	176892	176918	+	3	4	R.FIVTNPNAK.S	13
PHEAT+840	proteomics_heat	180962	181024	+	2	2	A.AETSSATTAQQMPSLAPMLEK.V	25
PHEAT+841	proteomics_heat	181025	181084	+	2	16	K.VMPSVVSINVEGSTTVNTPR.M	24
PHEAT+842	proteomics_heat	181211	181303	+	2	4	K.FMALGSGVIIDADKGYVVTNNHVVDNATVIK.V	35
PHEAT+843	proteomics_heat	181253	181303	+	2	5	K.GYVVTNNHVVDNATVIK.V	21
PHEAT+844	proteomics_heat	181361	181396	+	2	2	R.SDIALIQIQNPK.N	16
PHEAT+845	proteomics_heat	181415	181438	+	2	2	K.MADSDALR.V	12
PHEAT+846	proteomics_heat	181439	181522	+	2	28	R.VGDYTVAINPFGLGETVTSGIVSALGR.S	32
PHEAT+847	proteomics_heat	181706	181744	+	2	9	K.NLTSQMVEYGQVK.R	17
PHEAT+848	proteomics_heat	181706	181747	+	2	2	K.NLTSQMVEYGQVKR.G	18
PHEAT+849	proteomics_heat	181745	181795	+	2	9	K.RGELGIMGTELNSELAK.A	21
PHEAT+850	proteomics_heat	181748	181795	+	2	2	R.GELGIMGTELNSELAK.A	20
PHEAT+851	proteomics_heat	181820	181864	+	2	5	R.GAFVSQVLPNSSAAK.A	19
PHEAT+852	proteomics_heat	181877	181936	+	2	8	K.AGDVITSLNGKPISSFAALR.A	24
PHEAT+853	proteomics_heat	181937	181969	+	2	4	R.AQVGTMPVGSK.L	15
PHEAT+854	proteomics_heat	182099	182134	+	2	3	K.GKDQGVVNNVK.T	16
PHEAT+855	proteomics_heat	182105	182134	+	2	2	K.DQGVVNNVK.T	14
PHEAT+856	proteomics_heat	182168	182209	+	2	5	K.KGDVIIGANQQAVK.N	18
PHEAT+857	proteomics_heat	182231	182275	+	2	3	K.VLDSKPSVLALNIQR.G	19
PHEAT+858	proteomics_heat	189985	190008	+	1	7	K.VHIINLEK.T	12
PHEAT+859	proteomics_heat	190009	190050	+	1	28	K.TVPMFNEALAELENK.I	18
PHEAT+860	proteomics_heat	190072	190092	+	1	4	K.ILFVGTK.R	11
PHEAT+861	proteomics_heat	190093	190158	+	1	2	K.RAASEAVKDAALSCDQFFVNHR.W	26
PHEAT+862	proteomics_heat	190096	190158	+	1	22	R.AASEAVKDAALSCDQFFVNHR.W	25
PHEAT+863	proteomics_heat	190117	190158	+	1	16	K.DAALSCDQFFVNHR.W	18
PHEAT+864	proteomics_heat	190117	190155	+	1	2	K.DAALSCDQFFVNH.R	17
PHEAT+865	proteomics_heat	190159	190188	+	1	16	R.WLGGMLTNWK.T	14
PHEAT+866	proteomics_heat	190210	190257	+	1	4	K.RLKDLETQSQDGTDFDK.L	20
PHEAT+867	proteomics_heat	190213	190257	+	1	21	R.LKDLETQSQDGTDFDK.L	19
PHEAT+868	proteomics_heat	190213	190266	+	1	16	R.LKDLETQSQDGTDFDKLTK.K	22
PHEAT+869	proteomics_heat	190213	190269	+	1	6	R.LKDLETQSQDGTDFDKLTKK.E	23
PHEAT+870	proteomics_heat	190219	190266	+	1	4	K.DLETQSQDGTDFDKLTK.K	20
PHEAT+871	proteomics_heat	190219	190257	+	1	34	K.DLETQSQDGTDFDK.L	17
PHEAT+872	proteomics_heat	190222	190257	+	1	2	D.LETQSQDGTDFDK.L	16
PHEAT+873	proteomics_heat	190285	190329	+	1	4	R.TREKLENSLGGIK.D	19
PHEAT+874	proteomics_heat	190291	190329	+	1	7	R.ELEKLENSLGGIK.D	17
PHEAT+875	proteomics_heat	190303	190395	+	1	9	K.LENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	35
PHEAT+876	proteomics_heat	190303	190329	+	1	4	K.LENSLGGIK.D	13

PHEAT+877	proteomics_heat	190330	190395	+	1	50	K.DMGGLPDALFVIDADHEHIAIK.E	26
PHEAT+878	proteomics_heat	190396	190497	+	1	192	K.EANNLGIPVFAIVDTNSDPDGVDFVIPGNDDAIR.A	38
PHEAT+879	proteomics_heat	190396	190449	+	1	8	K.EANNLGIPVFAIVDTNSD.P	22
PHEAT+880	proteomics_heat	190396	190455	+	1	4	K.EANNLGIPVFAIVDTNSDPD.G	24
PHEAT+881	proteomics_heat	190426	190497	+	1	3	F.AIVDTNSDPDGVDFVIPGNDDAIR.A	28
PHEAT+882	proteomics_heat	190438	190497	+	1	2	D.TNSDPDGVDFVIPGNDDAIR.A	24
PHEAT+883	proteomics_heat	190450	190497	+	1	12	D.PDGVDFVIPGNDDAIR.A	20
PHEAT+884	proteomics_heat	190456	190497	+	1	4	D.GVDFVIPGNDDAIR.A	18
PHEAT+885	proteomics_heat	190498	190539	+	1	19	R.AVTLYLGAVAATVR.E	18
PHEAT+886	proteomics_heat	190549	190596	+	1	4	R.SQDLASQAEESFVEAE.-	20
PHEAT+887	proteomics_heat	190896	190928	+	3	3	R.ERTGAGMMDCK.K	15
PHEAT+888	proteomics_heat	190902	190928	+	3	9	R.TGAGMMDCK.K	13
PHEAT+889	proteomics_heat	190902	190931	+	3	10	R.TGAGMMDCKK.A	14
PHEAT+890	proteomics_heat	190929	190985	+	3	2	K.KALTEANGDIELAIENMRK.S	23
PHEAT+891	proteomics_heat	190929	190982	+	3	16	K.KALTEANGDIELAIENMR.K	22
PHEAT+892	proteomics_heat	190932	190985	+	3	3	K.ALTEANGDIELAIENMRK.S	22
PHEAT+893	proteomics_heat	190932	190982	+	3	122	K.ALTEANGDIELAIENMR.K	21
PHEAT+894	proteomics_heat	191010	191045	+	3	24	K.KAGNVAADGVIK.T	16
PHEAT+895	proteomics_heat	191013	191045	+	3	5	K.AGNVAADGVIK.T	15
PHEAT+896	proteomics_heat	191052	191111	+	3	10	K.IDGNYGIILEVNCQTDFAVAK.D	24
PHEAT+897	proteomics_heat	191112	191168	+	3	6	K.DAGFQAFADKVLDAAVAGK.I	23
PHEAT+898	proteomics_heat	191112	191141	+	3	21	K.DAGFQAFADK.V	14
PHEAT+899	proteomics_heat	191142	191168	+	3	10	K.VLDAAVAGK.I	13
PHEAT+900	proteomics_heat	191169	191192	+	3	10	K.ITDVEVLK.A	12
PHEAT+901	proteomics_heat	191256	191309	+	3	3	R.RVAALEGDVLGSYQHGAR.I	22
PHEAT+902	proteomics_heat	191259	191309	+	3	30	R.VAALEGDVLGSYQHGAR.I	21
PHEAT+903	proteomics_heat	191334	191357	+	3	4	K.GADEELVK.H	12
PHEAT+904	proteomics_heat	191358	191435	+	3	41	K.HIAMHVAASKPEFIKPEDVSAEVVEK.E	30
PHEAT+905	proteomics_heat	191373	191435	+	3	3	H.VAASKPEFIKPEDVSAEVVEK.E	25
PHEAT+906	proteomics_heat	191436	191483	+	3	44	K.EYQVQLDIAMQSGPK.E	20
PHEAT+907	proteomics_heat	191520	191576	+	3	4	K.KFTGEVSLTGQPFVMEPSK.T	23
PHEAT+908	proteomics_heat	191523	191576	+	3	43	K.FTGEVSLTGQPFVMEPSK.T	22
PHEAT+909	proteomics_heat	191598	191630	+	3	31	K.EHNAEVTGFIR.F	15
PHEAT+910	proteomics_heat	191631	191699	+	3	143	R.FEVGEGIEKVETDFAAEVAAMSK.Q	27
PHEAT+911	proteomics_heat	191631	191657	+	3	5	R.FEVGEGIEK.V	13
PHEAT+912	proteomics_heat	191658	191699	+	3	13	K.VETDFAAEVAAMSK.Q	18
PHEAT+913	proteomics_heat	191858	191884	+	2	4	M.ATNAKPVYK.R	13
PHEAT+914	proteomics_heat	191900	191962	+	2	82	K.LSGEALQGTEGFGIDASILDR.M	25
PHEAT+915	proteomics_heat	192074	192130	+	2	13	R.VVGDHMGMLATVMNGLAMR.D	23
PHEAT+916	proteomics_heat	192164	192235	+	2	29	R.LMSAIPNGVCDSYSWAEAISLLR.N	28
PHEAT+917	proteomics_heat	192245	192310	+	2	22	R.VVILSAGTGNPFFTTDSAACL.R.G	26
PHEAT+918	proteomics_heat	192353	192439	+	2	27	K.VDGVFTADPAKDPTATMYEQLTYSEVLEK.E	33
PHEAT+919	proteomics_heat	192449	192481	+	2	5	K.VMDLAAFTLAR.D	15
PHEAT+920	proteomics_heat	192503	192535	+	2	7	R.VFNMNKPALR.R	15
PHEAT+921	proteomics_heat	192869	192934	+	2	5	R.NVISDIRKDAEVRMDKCVEAFK.T	26
PHEAT+922	proteomics_heat	192965	193027	+	2	35	R.ASPSLLDGIVVEYGTPTPLR.Q	25

PHEAT+923	proteomics_heat	193028	193060	+	2	2	R.QLASVTVEDSR.T	15
PHEAT+924	proteomics_heat	193112	193198	+	2	10	K.AIMASDLGLNPNSAGSDIRVPLPPLTEER.R	33
PHEAT+925	proteomics_heat	193112	193168	+	2	10	K.AIMASDLGLNPNSAGSDIR.V	23
PHEAT+926	proteomics_heat	193169	193198	+	2	2	R.VPLPPLTEER.R	14
PHEAT+927	proteomics_heat	193217	193246	+	2	6	K.IVRGAEQAR.V	14
PHEAT+928	proteomics_heat	193304	193336	+	2	3	K.DKEISEDDEDRR.S	15
PHEAT+929	proteomics_heat	193379	193426	+	2	19	K.KIEAALADKEAELMQF.-	20
PHEAT+930	proteomics_heat	193379	193405	+	2	4	K.KIEAALADK.E	13
PHEAT+931	proteomics_heat	194109	194144	+	3	3	R.DLATMTPDQACR.H	16
PHEAT+932	proteomics_heat	194960	194992	+	2	4	R.HVAIIMDGNGR.W	15
PHEAT+933	proteomics_heat	197002	197043	+	1	2	K.AVDGIETPDWDAVR.L	18
PHEAT+934	proteomics_heat	197200	197256	+	1	2	R.GPQIEPVLENVQPNSAASK.A	23
PHEAT+935	proteomics_heat	198036	198074	+	3	4	R.VAVGAALLSMPVR.T	17
PHEAT+936	proteomics_heat	198075	198119	+	3	8	R.TGDTVNDEDISNTIR.A	19
PHEAT+937	proteomics_heat	198120	198155	+	3	2	R.AL FATGNFEDVR.V	16
PHEAT+938	proteomics_heat	198156	198194	+	3	3	R.VLRDGD TLLVQVK.E	17
PHEAT+939	proteomics_heat	198165	198194	+	3	3	R.DGD TLLVQVK.E	14
PHEAT+940	proteomics_heat	198195	198236	+	3	13	K.ERPTIASITFSGNK.S	18
PHEAT+941	proteomics_heat	198237	198260	+	3	3	K.SVKDDMLK.Q	12
PHEAT+942	proteomics_heat	198309	198365	+	3	3	R.TTIADIEKGLDFYYSVGK.Y	23
PHEAT+943	proteomics_heat	198333	198365	+	3	3	K.GLEDFYYSVGK.Y	15
PHEAT+944	proteomics_heat	198384	198407	+	3	3	K.AVVTPLPR.N	12
PHEAT+945	proteomics_heat	198582	198608	+	3	4	K.LAGDLETLR.S	13
PHEAT+946	proteomics_heat	198639	198683	+	3	3	R.FNIDSTQVSLTPDKK.G	19
PHEAT+947	proteomics_heat	198729	198794	+	3	4	K.LSGVEVSGNLAGHSAEIEQLTK.I	26
PHEAT+948	proteomics_heat	198891	198935	+	3	3	R.VQSMPEINDADKTVK.L	19
PHEAT+949	proteomics_heat	198891	198926	+	3	3	R.VQSMPEINDADK.T	16
PHEAT+950	proteomics_heat	198936	198965	+	3	2	K.LRVNVDAGNR.F	14
PHEAT+951	proteomics_heat	198981	199025	+	3	4	K.IRFEGNDTSKDAVLR.R	19
PHEAT+952	proteomics_heat	198987	199025	+	3	2	R.FEGNDTSKDAVLR.R	17
PHEAT+953	proteomics_heat	199038	199085	+	3	3	R.QMEGAWLGSDLVDQGK.E	20
PHEAT+954	proteomics_heat	199038	199091	+	3	3	R.QMEGAWLGSDLVDQGKER.L	22
PHEAT+955	proteomics_heat	199101	199178	+	3	5	R.LGFFETVDTDTQRVPGSPDQVDVVYK.V	30
PHEAT+956	proteomics_heat	199101	199139	+	3	3	R.LGFFETVDTDTQR.V	17
PHEAT+957	proteomics_heat	199140	199178	+	3	3	R.VPGSPDQVDVVYK.V	17
PHEAT+958	proteomics_heat	199392	199448	+	3	6	R.LFYNDFQADDADLSDYTNK.S	23
PHEAT+959	proteomics_heat	199449	199505	+	3	6	K.SYGTDVTLGFPINEYNSLR.A	23
PHEAT+960	proteomics_heat	199506	199568	+	3	4	R.AGLGYVHNSLSNMQPQVAMWR.Y	25
PHEAT+961	proteomics_heat	199506	199553	+	3	3	R.AGLGYVHNSLSNMQPQ.V	20
PHEAT+962	proteomics_heat	199569	199625	+	3	3	R.YLYSMGEHPSTSDQDNSFK.T	23
PHEAT+963	proteomics_heat	199626	199667	+	3	2	K.TDDFTFNYGWTYNK.L	18
PHEAT+964	proteomics_heat	199758	199823	+	3	3	K.VTLDTATYVPIDDDHKWVVLGR.T	26
PHEAT+965	proteomics_heat	199860	199910	+	3	6	K.EMPFYENFYAGGSSTVR.G	21
PHEAT+966	proteomics_heat	199941	200018	+	3	5	K.AVYFPHQASNYDPDYECATQDGAK.D	30
PHEAT+967	proteomics_heat	199959	200018	+	3	2	H.QASNYDPDYECATQDGAK.D	24
PHEAT+968	proteomics_heat	200100	200129	+	3	2	F.ISDKYANSVR.T	14

PHEAT+969	proteomics_heat	200304	200351	+	3	10	K.KYDGDKAEQFQFNIGK.T	20
PHEAT+970	proteomics_heat	200307	200351	+	3	3	K.YDGDKAEQFQFNIGK.T	19
PHEAT+971	proteomics_heat	200542	200598	+	1	12	A.ADKIAIVNMGSLFQQVAQK.T	23
PHEAT+972	proteomics_heat	200551	200598	+	1	37	K.IAIVNMGSLFQQVAQK.T	20
PHEAT+973	proteomics_heat	200599	200634	+	1	12	K.TGVSNTLENEFK.G	16
PHEAT+974	proteomics_heat	200659	200682	+	1	9	R.METDLQAK.M	12
PHEAT+975	proteomics_heat	200728	200754	+	1	4	K.LEKDVMAQR.Q	13
PHEAT+976	proteomics_heat	200755	200829	+	1	8	R.QTFAQKAQAFEQDRARRSNEERGKL.V	29
PHEAT+977	proteomics_heat	200821	200931	+	1	5	R.GKLVTRIQTAVKSVANSQDIDLVV DANAVAYNSSDVK.D	41
PHEAT+978	proteomics_heat	200857	200931	+	1	15	K.SVANSQDIDLVV DANAVAYNSSDVK.D	29
PHEAT+979	proteomics_heat	200857	200955	+	1	25	K.SVANSQDIDLVV DANAVAYNSSDVKDITADVLK.Q	37
PHEAT+980	proteomics_heat	200932	200955	+	1	4	K.DITADVLK.Q	12
PHEAT+981	proteomics_heat	201109	201180	+	1	12	K.YREHLGLCCQASAVVMTQDDL PFAK.S	28
PHEAT+982	proteomics_heat	201202	201225	+	1	2	K.NPYLTYAR.M	12
PHEAT+983	proteomics_heat	201226	201303	+	1	7	R.MAQILD TTPQPAQNIAPSAVIDATAK.L	30
PHEAT+984	proteomics_heat	201304	201402	+	1	25	K.LGNNV SIGANAVIESGVELGDNVIIGAGCFVGK.N	37
PHEAT+985	proteomics_heat	201817	201903	+	1	3	K.VTVTGMGMV MRPITEPGVYSSGIPLQPNK.V	33
PHEAT+986	proteomics_heat	201850	201903	+	1	2	R.PITEPGVYSSGIPLQPNK.V	22
PHEAT+987	proteomics_heat	201913	201954	+	1	2	R.KTAALVMNIDDMSK.R	18
PHEAT+988	proteomics_heat	201916	201957	+	1	2	K.TAALVMNIDDMSK.R	18
PHEAT+989	proteomics_heat	202104	202160	+	3	25	L.TTNTHTLQIEEILELLPHR.F	23
PHEAT+990	proteomics_heat	202161	202184	+	3	3	R.FPFLLVDR.V	12
PHEAT+991	proteomics_heat	202185	202208	+	3	2	R.VLDFEGR.F	12
PHEAT+992	proteomics_heat	202227	202274	+	3	2	K.NVSVNEPFFQGHFPGK.P	20
PHEAT+993	proteomics_heat	202227	202304	+	3	2	K.NVSVNEPFFQGHFPGKPIFPGVLILE.A	30
PHEAT+994	proteomics_heat	202341	202400	+	3	3	K.SVGKLEPGELYFAGIDEAR.F	24
PHEAT+995	proteomics_heat	202353	202400	+	3	22	K.LEPGELYFAGIDEAR.F	20
PHEAT+996	proteomics_heat	202401	202457	+	3	5	R.FKRPVPGDQMIMEVTFEK.T	23
PHEAT+997	proteomics_heat	202401	202442	+	3	2	R.FKRPVPGDQMIME.V	18
PHEAT+998	proteomics_heat	202407	202457	+	3	8	K.RPVVPGDQMIMEVTFEK.T	21
PHEAT+999	proteomics_heat	202407	202481	+	3	3	K.RPVVPGDQMIMEVTFEKTRRGLTRF.K	29
PHEAT+1000	proteomics_heat	202479	202508	+	3	7	R.FKGVALVDGK.V	14
PHEAT+1001	proteomics_heat	202509	202541	+	3	4	K.VVCEATMMCAR.S	15
PHEAT+1002	proteomics_heat	202647	202694	+	3	3	F.CIVGPHVEIGEGTVLK.S	20
PHEAT+1003	proteomics_heat	202734	202787	+	3	4	R.DNEIYQFASIGEVNQDLK.Y	22
PHEAT+1004	proteomics_heat	202890	202955	+	3	2	K.VGSDNLLMINAHIAHDCTVGNR.C	26
PHEAT+1005	proteomics_heat	202926	202955	+	3	5	H.IAHDCTVGNR.C	14
PHEAT+1006	proteomics_heat	203241	203300	+	3	5	K.TLDEVKPEIAELAETPEVK.A	24
PHEAT+1007	proteomics_heat	203894	203950	+	2	2	R.DVLGIPHDAHCLALLPGSR.G	23
PHEAT+1008	proteomics_heat	208624	208674	+	1	8	M.SLNFLDFEQPIAELEAK.I	21
PHEAT+1009	proteomics_heat	208702	208746	+	1	3	R.QDEKLDINIDEEVHR.L	19
PHEAT+1010	proteomics_heat	208777	208824	+	1	6	R.KIFADLGAWQIAQLAR.H	20
PHEAT+1011	proteomics_heat	208780	208824	+	1	5	K.IFADLGAWQIAQLAR.H	19
PHEAT+1012	proteomics_heat	208861	208899	+	1	4	R.LAFDEFDELAGDR.A	17
PHEAT+1013	proteomics_heat	208900	208941	+	1	2	R.AYADDKAIVGGIAR.L	18
PHEAT+1014	proteomics_heat	208942	208980	+	1	4	R.LDGRPVMIIIGHQK.G	17

PHEAT+1015	proteomics_heat	209011	209046	+	1	2	R.NFGMPAPEGYRK.A	16
PHEAT+1016	proteomics_heat	209077	209145	+	1	8	R.FKMPIITFIDTPGAYPGVGAEER.G	27
PHEAT+1017	proteomics_heat	209269	209337	+	1	3	K.VNMLQYSTYSVISPEGCASILWK.S	27
PHEAT+1018	proteomics_heat	209338	209391	+	1	7	K.SADKAPLAAEAMGIIAPR.L	22
PHEAT+1019	proteomics_heat	209407	209451	+	1	3	K.LIDSIIPEPLGGAHR.N	19
PHEAT+1020	proteomics_heat	209452	209481	+	1	2	R.NPEAMAASLK.A	14
PHEAT+1021	proteomics_heat	209482	209538	+	1	24	K.AQLLADLADLDVSTEDLK.N	23
PHEAT+1022	proteomics_heat	209956	209997	+	1	5	A.CRICGWRSGFLNMR.W	18
PHEAT+1023	proteomics_heat	210159	210209	+	3	2	K.SPVGCLFYDFFGGNTLK.A	21
PHEAT+1024	proteomics_heat	211892	211939	+	2	2	K.QVHHIAIATDYAVSK.A	20
PHEAT+1025	proteomics_heat	212108	212173	+	2	4	R.HLAFSVDDIDA AVAHLESHNVK.C	26
PHEAT+1026	proteomics_heat	212850	212891	+	3	4	R.WIEDESNQDDSYDR.N	18
PHEAT+1027	proteomics_heat	213714	213800	+	3	4	R.VAKAGNFIQTQLAGFASGLDDQVLHIFAG.D	33
PHEAT+1028	proteomics_heat	215506	215547	+	1	2	R.EEPSSFASYGTWAR.T	18
PHEAT+1029	proteomics_heat	215548	215589	+	1	4	R.TADKLVLTDSKGEK.S	18
PHEAT+1030	proteomics_heat	215602	215634	+	1	2	R.AKGDALMLDR.E	15
PHEAT+1031	proteomics_heat	220006	220059	+	1	4	P.QCMIKTSILNQELVKMTR.R	22
PHEAT+1032	proteomics_heat	222869	222952	+	2	13	R.DGTINVDHGYVHEIDNFEFIDGVIDAMR.E	32
PHEAT+1033	proteomics_heat	223079	223144	+	2	5	R.DVDLDGIYYCPHPQGSVEEFR.Q	26
PHEAT+1034	proteomics_heat	223301	223384	+	2	3	R.TGKPITPEAENAADWVLNSLADLPQAIK.K	32
PHEAT+1035	proteomics_heat	223301	223387	+	2	4	R.TGKPITPEAENAADWVLNSLADLPQAIKK.Q	33
PHEAT+1036	proteomics_heat	229203	229259	+	3	6	R.LKDDVVISSVITALELGYR.A	23
PHEAT+1037	proteomics_heat	229260	229334	+	3	3	R.AIDTAQIYDNEAAVQGQAIAESGVPR.H	29
PHEAT+1038	proteomics_heat	229335	229358	+	3	7	R.HELITTK.I	12
PHEAT+1039	proteomics_heat	229722	229748	+	3	3	K.ALKDEVIAR.I	13
PHEAT+1040	proteomics_heat	229866	229901	+	3	3	K.AQNQLDAEDKK.A	16
PHEAT+1041	proteomics_heat	236088	236153	+	3	2	R.QIVLDTETTGMNQIGAHYEGHK.I	26
PHEAT+1042	proteomics_heat	239175	239258	+	3	2	R.RLDVVMNEDDYKIRRGNAAELEFSGIRHI.A	32
PHEAT+1043	proteomics_heat	240427	240459	+	1	2	A.QDDLTISLAK.G	15
PHEAT+1044	proteomics_heat	240475	240507	+	1	5	K.AAFNQMVQGHK.L	15
PHEAT+1045	proteomics_heat	240529	240624	+	1	5	K.GGTYTPAQTVTLGDETYQVMSACKPHDCGSQR.I	36
PHEAT+1046	proteomics_heat	240625	240648	+	1	2	R.IAVMWSEK.S	12
PHEAT+1047	proteomics_heat	240649	240690	+	1	3	K.SNQMTGLFSTIDEK.T	18
PHEAT+1048	proteomics_heat	240706	240750	+	1	2	K.LTWLVNVDALSIDGK.T	19
PHEAT+1049	proteomics_heat	240751	240813	+	1	9	K.TVLFALTGSLENHPDGFNFK.-	25
PHEAT+1050	proteomics_heat	243543	243563	+	3	6	L.MYQDLIR.N	11
PHEAT+1051	proteomics_heat	243564	243638	+	3	49	R.NELNEAAETLANFLKDDANIHAIQR.A	29
PHEAT+1052	proteomics_heat	243564	243608	+	3	6	R.NELNEAAETLANFLK.D	19
PHEAT+1053	proteomics_heat	243609	243638	+	3	2	K.DDANIHAIQR.A	14
PHEAT+1054	proteomics_heat	243639	243668	+	3	5	R.AAVLLADSFK.A	14
PHEAT+1055	proteomics_heat	243681	243749	+	3	10	K.VLSCGNGGSHCDAMHFAEELTGR.Y	27
PHEAT+1056	proteomics_heat	243750	243851	+	3	12	R.YRENRPYPAIAISDVSHISCVGNDFGFNDIFSR.Y	38
PHEAT+1057	proteomics_heat	243756	243851	+	3	2	R.ENRPGYPAIAISDVSHISCVGNDFGFNDIFSR.Y	36
PHEAT+1058	proteomics_heat	243873	243929	+	3	6	R.EGDVLLGISTSGNSANVIK.A	23
PHEAT+1059	proteomics_heat	244026	244052	+	3	3	R.VPHFGYADR.I	13
PHEAT+1060	proteomics_heat	244630	244671	+	1	3	R.NWTYAHNGQLTGYK.S	18

PHEAT+1061	proteomics_heat	255989	256027	+	2	8	K.YIVTWDMLQIHAR.K	17
PHEAT+1062	proteomics_heat	256088	256120	+	2	4	R.GGLVPGALLAR.E	15
PHEAT+1063	proteomics_heat	256136	256183	+	2	12	R.HVDTVCISSYDHDNR.E	20
PHEAT+1064	proteomics_heat	256202	256279	+	2	2	K.RAEGDGEGFIVIDDLVDTGGTAVAIR.E	30
PHEAT+1065	proteomics_heat	256205	256279	+	2	2	R.AEGDGEGFIVIDDLVDTGGTAVAIR.E	29
PHEAT+1066	proteomics_heat	256295	256321	+	2	5	K.AHFVTIFAK.P	13
PHEAT+1067	proteomics_heat	256530	256568	+	3	2	M.TQANLSETLFKPR.F	17
PHEAT+1068	proteomics_heat	256605	256652	+	3	3	R.FNHGAQPPVQSALDGK.T	20
PHEAT+1069	proteomics_heat	256860	256895	+	3	3	K.ACAEDDPQLSGR.H	16
PHEAT+1070	proteomics_heat	257034	257093	+	3	3	R.QMEFTVPGGAPITGFLHMPK.G	24
PHEAT+1071	proteomics_heat	257190	257240	+	3	2	R.GIAMLTIDMPSVGFSSK.W	21
PHEAT+1072	proteomics_heat	257247	257288	+	3	3	K.LTQDSSLLHQHVLK.A	18
PHEAT+1073	proteomics_heat	257400	257450	+	3	3	K.AVACLGPVVHTLLSDFK.C	21
PHEAT+1074	proteomics_heat	257499	257534	+	3	3	R.LGMHDASDEALR.V	16
PHEAT+1075	proteomics_heat	257619	257651	+	3	2	K.NDPFSPEEDSR.L	15
PHEAT+1076	proteomics_heat	257652	257681	+	3	2	R.LITSSSADGK.L	14
PHEAT+1077	proteomics_heat	257727	257762	+	3	2	K.GLQEITDWIEKR.L	16
PHEAT+1078	proteomics_heat	257874	257900	+	3	2	K.FTALGPYIR.E	13
PHEAT+1079	proteomics_heat	258027	258062	+	3	3	R.FTYSYQFGLFDK.A	16
PHEAT+1080	proteomics_heat	258078	258113	+	3	5	K.SVPVKDTEVVER.L	16
PHEAT+1081	proteomics_heat	258147	258179	+	3	2	K.LRELLTTLNLK.L	15
PHEAT+1082	proteomics_heat	258180	258227	+	3	3	K.LEPADDFRDEPVKLT.A-	20
PHEAT+1083	proteomics_heat	259615	259641	+	1	2	M.SDSQTLVVK.L	13
PHEAT+1084	proteomics_heat	259642	259674	+	1	2	K.LGTSVLTGGSR.R	15
PHEAT+1085	proteomics_heat	259687	259710	+	1	2	R.AHIVELVR.Q	12
PHEAT+1086	proteomics_heat	259783	259827	+	1	5	R.EHLGYPELPAIASK.Q	19
PHEAT+1087	proteomics_heat	259828	259857	+	1	2	K.QLLAAVGQSR.L	14
PHEAT+1088	proteomics_heat	259978	260046	+	1	2	R.ALLDNNIVPVINENDAVATAEIK.V	27
PHEAT+1089	proteomics_heat	260047	260103	+	1	3	K.VGDNDNLSALAAIAGADK.L	23
PHEAT+1090	proteomics_heat	260104	260127	+	1	2	K.LLLLTDQK.G	12
PHEAT+1091	proteomics_heat	260152	260208	+	1	4	R.SNPQAELIKDVYGGIDALR.A	23
PHEAT+1092	proteomics_heat	260179	260208	+	1	2	K.DVYGIDALR.A	14
PHEAT+1093	proteomics_heat	260209	260262	+	1	4	R.AIAGDSVSGLTGGMSTK.L	22
PHEAT+1094	proteomics_heat	260332	260412	+	1	2	G.VIGDVMEGISVGTLFHAQATPLENRKR.W	31
PHEAT+1095	proteomics_heat	260623	260694	+	1	4	R.IAGHHSQEIDAILGYEYGPVAVHR.D	28
PHEAT+1096	proteomics_heat	260817	260888	+	3	2	K.IADELEAQSEIILNANAQDVADAR.A	28
PHEAT+1097	proteomics_heat	260970	261038	+	3	5	R.QVCNLADPVGQVIDGGVLD SGLR.L	27
PHEAT+1098	proteomics_heat	261051	261092	+	3	2	R.RVPLGVIGVIYEAR.P	18
PHEAT+1099	proteomics_heat	261051	261131	+	3	8	R.RVPLGVIGVIYEARPNVTVDVASLCLK.T	31
PHEAT+1100	proteomics_heat	261087	261131	+	3	2	E.ARPNVTVDVASLCLK.T	19
PHEAT+1101	proteomics_heat	261219	261269	+	3	5	K.SCGLPAGAVQAIDNPDR.A	21
PHEAT+1102	proteomics_heat	261294	261326	+	3	2	R.MDKYIDMLIPR.G	15
PHEAT+1103	proteomics_heat	261465	261515	+	3	9	K.TQRPSTCNTVETLLVKN.N	21
PHEAT+1104	proteomics_heat	261642	261689	+	3	2	K.AEEYDDEFSLDLNVK.I	20
PHEAT+1105	proteomics_heat	261690	261728	+	3	2	K.IVSDLDDAIAHIR.E	17
PHEAT+1106	proteomics_heat	261789	261839	+	3	4	R.FVNEVDSSAVYVNASTR.F	21

PHEAT+1107	proteomics_heat	261840	261896	+	3	2	R.FTDGGQFGLGAEVAVSTQK.L	23
PHEAT+1108	proteomics_heat	274549	274584	+	1	2	Y.MQTTQQNAPLKR.T	16
PHEAT+1109	proteomics_heat	279434	279517	+	2	13	S.GRIRTVLLYPGIKAVGGDIETCCNAGNR.I	32
PHEAT+1110	proteomics_heat	281505	281615	+	3	2	M.PQSALFTGIIPPVSTIFTADGQLDKPGTAALIDDLIK.A	41
PHEAT+1111	proteomics_heat	285951	285998	+	3	5	R.AAQGEAVPDAATAASH.-	20
PHEAT+1112	proteomics_heat	302341	302391	+	1	4	R.SPVDMFNAACGPESLIR.A	21
PHEAT+1113	proteomics_heat	302782	302826	+	1	4	R.ITHEPDPEIPLGSNR.-	19
PHEAT+1114	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1115	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1116	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1117	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1118	proteomics_heat	314590	314646	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1119	proteomics_heat	340637	340681	+	2	2	K.LHPDATLPHYDAGGK.L	19
PHEAT+1120	proteomics_heat	340751	340795	+	2	2	R.SLNRPAGTTIQDMIK.L	19
PHEAT+1121	proteomics_heat	340895	340930	+	2	2	R.SHCNIEPVSGLK.N	16
PHEAT+1122	proteomics_heat	342174	342200	+	3	2	R.REPGPNDVK.I	13
PHEAT+1123	proteomics_heat	342201	342251	+	3	4	K.IEIA YCGVCHSDLHQVR.S	21
PHEAT+1124	proteomics_heat	342252	342308	+	3	3	R.SEWAGTVYPCVPGHEIVGR.V	23
PHEAT+1125	proteomics_heat	342309	342338	+	3	4	R.VVAVGDQVEK.Y	14
PHEAT+1126	proteomics_heat	342339	342389	+	3	4	K.YAPGDLVGVGCIVDSCK.H	21
PHEAT+1127	proteomics_heat	342534	342611	+	3	4	R.IRHPQEQLAAVAPLLCAGITTYSPLR.H	30
PHEAT+1128	proteomics_heat	342534	342581	+	3	2	R.IRHPQEQLAAVAPLLC.A	20
PHEAT+1129	proteomics_heat	342540	342611	+	3	2	R.HPQEQLAAVAPLLCAGITTYSPLR.H	28
PHEAT+1130	proteomics_heat	342612	342635	+	3	2	R.HWQAGPGK.K	12
PHEAT+1131	proteomics_heat	342639	342683	+	3	6	K.VGVVIGGGLGHMGIK.L	19
PHEAT+1132	proteomics_heat	342684	342737	+	3	2	K.LAHAMGAHVVAFTTSEAK.R	22
PHEAT+1133	proteomics_heat	342684	342719	+	3	2	K.LAHAMGAHVVAFTT	16
PHEAT+1134	proteomics_heat	342753	342785	+	3	2	K.ALGADEVVNSR.N	15
PHEAT+1135	proteomics_heat	342786	342815	+	3	6	R.NADEMAAHLK.S	14
PHEAT+1136	proteomics_heat	342816	342887	+	3	8	K.SDFILNTVAAPHNLDDFTLLKR.D	28
PHEAT+1137	proteomics_heat	342816	342884	+	3	12	K.SDFILNTVAAPHNLDDFTLLK.R	27
PHEAT+1138	proteomics_heat	342888	342932	+	3	2	R.DGTM TLV GAPATPHK.S	19
PHEAT+1139	proteomics_heat	343068	343097	+	3	3	R.ADQINEAYER.M	14
PHEAT+1140	proteomics_heat	345789	345824	+	3	6	K.AEFEKVESQYEK.I	16
PHEAT+1141	proteomics_heat	345825	345890	+	3	2	K.IGDISTS NEMSTADAKEDLIKK.A	26
PHEAT+1142	proteomics_heat	345825	345872	+	3	4	K.IGDISTS NEMSTADAK.E	20
PHEAT+1143	proteomics_heat	345903	345974	+	3	9	K.GADV LVL TSGQTDNKI HGTANIYK.K	28
PHEAT+1144	proteomics_heat	345903	345947	+	3	5	K.GADV LVL TSGQTDNK.I	19
PHEAT+1145	proteomics_heat	345948	345974	+	3	2	K.IHGTANIYK.K	13
PHEAT+1146	proteomics_heat	354149	354196	+	2	2	V.SQDNNFSQGPV PQSAR.K	20
PHEAT+1147	proteomics_heat	354374	354403	+	2	3	K.TGLTTHLLAR.F	14
PHEAT+1148	proteomics_heat	355193	355216	+	2	3	R.YEHFATTR.M	12
PHEAT+1149	proteomics_heat	355358	355402	+	2	2	R.KTTAAMTHVEANSVE.-	19
PHEAT+1150	proteomics_heat	355398	355433	+	3	4	V.SNNALQTIINAR.L	16
PHEAT+1151	proteomics_heat	355434	355481	+	3	8	R.LPGEEGLWQIHLQDGK.I	20
PHEAT+1152	proteomics_heat	355581	355658	+	3	3	H.IHLDTTQTAGQPNWNQSGTLFEGIER.W	30

PHEAT+1153	proteomics_heat	355671	355700	+	3	2	R.KALLTHDDVK.Q	14
PHEAT+1154	proteomics_heat	355674	355700	+	3	4	K.ALLTHDDVK.Q	13
PHEAT+1155	proteomics_heat	355725	355757	+	3	6	K.WQIANGIQHVR.T	15
PHEAT+1156	proteomics_heat	355758	355799	+	3	10	R.THVDVSDATLTALK.A	18
PHEAT+1157	proteomics_heat	355920	355967	+	3	8	R.LGADVVGAIPIHFETR.E	20
PHEAT+1158	proteomics_heat	355968	355994	+	3	3	R.EYGVESLHK.T	13
PHEAT+1159	proteomics_heat	355995	356015	+	3	2	K.TFALAQK.Y	11
PHEAT+1160	proteomics_heat	356025	356069	+	3	3	R.LIDVHCDEIDDEQSR.F	19
PHEAT+1161	proteomics_heat	356070	356120	+	3	17	R.FVETVAALAHHEGMGAR.V	21
PHEAT+1162	proteomics_heat	356121	356177	+	3	2	R.VTASHTTAMHSYNGAYTSR.L	23
PHEAT+1163	proteomics_heat	356121	356150	+	3	3	R.VTASHTTAMH.S	14
PHEAT+1164	proteomics_heat	356196	356252	+	3	9	K.MSGINFVANPLVNIHLQGR.F	23
PHEAT+1165	proteomics_heat	356475	356567	+	3	7	R.TLNLQDYGIAAGNSANLIILPAENGFALRR.Q	35
PHEAT+1166	proteomics_heat	356475	356564	+	3	6	R.TLNLQDYGIAAGNSANLIILPAENGFALR.R	34
PHEAT+1167	proteomics_heat	356604	356675	+	3	3	K.VIASTQPAQTTVYLEQPEAIDYK.-	28
PHEAT+1168	proteomics_heat	356604	356672	+	3	6	K.VIASTQPAQTTVYLEQPEAIDYK.R	27
PHEAT+1169	proteomics_heat	364923	364976	+	3	3	T.YPDLPDNCRHSSAAPSPR.G	22
PHEAT+1170	proteomics_heat	376299	376343	+	3	2	K.IFVDKLTQAQLINGR.L	19
PHEAT+1171	proteomics_heat	376314	376343	+	3	2	K.LTQAQLINGR.L	14
PHEAT+1172	proteomics_heat	387163	387192	+	1	2	R.DQAITPQQQR.A	14
PHEAT+1173	proteomics_heat	400610	400642	+	2	3	D.MKNLIAELLFK.L	15
PHEAT+1174	proteomics_heat	400751	400831	+	2	6	R.LIDQVEGALYEVKPDASIPDDDTLLR.D	31
PHEAT+1175	proteomics_heat	405192	405266	+	3	14	G.DLVITADIPLAAEAIEKGAAALNPR.G	29
PHEAT+1176	proteomics_heat	405632	405661	+	2	2	M.TQPLFLIGPR.G	14
PHEAT+1177	proteomics_heat	405893	405958	+	2	3	R.HFMQNGIVVYLCAPVSVLVNR.L	26
PHEAT+1178	proteomics_heat	405959	406045	+	2	2	R.LQAAPEEDLRPTLTGKPLSEEVQEVLEER.D	33
PHEAT+1179	proteomics_heat	406061	406123	+	2	5	R.EVAHIIIDATNEPSQVISEIR.S	25
PHEAT+1180	proteomics_heat	406257	406295	+	3	2	K.GKPGQTVTWYQLR.A	17
PHEAT+1181	proteomics_heat	406296	406364	+	3	3	R.ADHPKPDLSISEHPTAQEAMDAK.K	27
PHEAT+1182	proteomics_heat	407401	407433	+	1	2	F.MLQSNEYFSGK.V	15
PHEAT+1183	proteomics_heat	407440	407472	+	1	2	K.SIGFSSSSTGR.A	15
PHEAT+1184	proteomics_heat	409401	409445	+	3	2	K.TEVIALGDAGEQLYR.H	19
PHEAT+1185	proteomics_heat	410070	410144	+	3	3	K.SLAHVVNILDPDVIVLGGGMSNVDR.L	29
PHEAT+1186	proteomics_heat	416645	416695	+	2	2	R.GLETGADDYITKPFSPK.E	21
PHEAT+1187	proteomics_heat	421131	421169	+	3	3	R.MLHGMAEQGSAPK.I	17
PHEAT+1188	proteomics_heat	422786	422827	+	2	2	R.NNMQHVAGITEAAK.E	18
PHEAT+1189	proteomics_heat	424241	424303	+	2	2	R.VTDFSFELPESLIAHYMPER.S	25
PHEAT+1190	proteomics_heat	424316	424420	+	2	2	R.LLSLDGPTGALTHGTFTDLLDKLNPGDLLVFNTR.V	39
PHEAT+1191	proteomics_heat	424601	424639	+	2	6	R.HGALFEVEFNDER.S	17
PHEAT+1192	proteomics_heat	424883	424966	+	2	2	R.VDTIEDHIMHSEYAEVPQDVVDAVLAAK.A	32
PHEAT+1193	proteomics_heat	425012	425041	+	2	2	R.SLESAAQAAK.N	14
PHEAT+1194	proteomics_heat	425042	425107	+	2	3	K.NDLIEPFFDDTQIFIYPGFQYK.V	26
PHEAT+1195	proteomics_heat	425424	425477	+	3	4	R.GVVETPCFMPVGTGTVK.G	22
PHEAT+1196	proteomics_heat	425478	425573	+	3	5	K.GMTPEEVEATGAQIILGNTFHLWLRPGQEIMK.L	36
PHEAT+1197	proteomics_heat	425574	425609	+	3	4	K.LHGDLHDFMQWK.G	16
PHEAT+1198	proteomics_heat	425610	425666	+	3	4	K.GPILTDSSGGFQVFLGDIR.K	23

PHEAT+1199	proteomics_heat	425670	425696	+	3	4	K.ITEQGVHFR.N	13
PHEAT+1200	proteomics_heat	425697	425738	+	3	2	R.NPINGDPIFLDPEK.S	18
PHEAT+1201	proteomics_heat	425871	425897	+	3	3	R.ERFDSLGNK.N	13
PHEAT+1202	proteomics_heat	425898	425960	+	3	2	K.NALFGIIQGSVYEDLRDISVK.G	25
PHEAT+1203	proteomics_heat	425898	425945	+	3	3	K.NALFGIIQGSVYEDLR.D	20
PHEAT+1204	proteomics_heat	425961	426023	+	3	35	K.GLVDIGFDGYAVGGLAVGEPK.A	25
PHEAT+1205	proteomics_heat	426039	426083	+	3	4	R.ILEHVCPQIPADKPR.Y	19
PHEAT+1206	proteomics_heat	426081	426131	+	3	4	P.RYLMGVGKPEDLVEGVR.R	21
PHEAT+1207	proteomics_heat	426084	426131	+	3	4	R.YLMGVGKPEDLVEGVR.R	20
PHEAT+1208	proteomics_heat	426084	426134	+	3	2	R.YLMGVGKPEDLVEGVRR.G	21
PHEAT+1209	proteomics_heat	426237	426284	+	3	2	K.SDTGPLDPECDCYTCR.N	20
PHEAT+1210	proteomics_heat	426258	426284	+	3	3	D.PECDCYTCR.N	13
PHEAT+1211	proteomics_heat	426399	426452	+	3	2	R.KAIEEGKLESFVTDIFYQR.Q	22
PHEAT+1212	proteomics_heat	426402	426452	+	3	7	K.AIEEGKLESFVTDIFYQR.Q	21
PHEAT+1213	proteomics_heat	426661	426723	+	1	8	K.KLMDSIAKGDEVLTNGLVGR.V	25
PHEAT+1214	proteomics_heat	426661	426684	+	1	6	K.KLMDSIAK.G	12
PHEAT+1215	proteomics_heat	426664	426684	+	1	3	K.LMDSIAK.G	11
PHEAT+1216	proteomics_heat	426664	426723	+	1	7	K.LMDSIAKGDEVLTNGLVGR.V	24
PHEAT+1217	proteomics_heat	426685	426723	+	1	8	K.GDEVLTNGLVGR.V	17
PHEAT+1218	proteomics_heat	426733	426795	+	1	5	K.VAENGYIAIALNDTTEVVIKR.D	25
PHEAT+1219	proteomics_heat	426796	426822	+	1	7	R.DFVAAVLPK.G	13
PHEAT+1220	proteomics_heat	427102	427128	+	1	4	R.FDSTDTQLR.A	13
PHEAT+1221	proteomics_heat	427378	427413	+	1	2	R.KENNYGLSITFR.D	16
PHEAT+1222	proteomics_heat	427423	427455	+	1	4	K.ARDEAIAYLSK.R	15
PHEAT+1223	proteomics_heat	427456	427503	+	1	2	K.RHPDLVISSQGSNQLR.A	20
PHEAT+1224	proteomics_heat	427459	427503	+	1	2	R.HPDLVISSQGSNQLR.A	19
PHEAT+1225	proteomics_heat	427576	427620	+	1	7	R.NRVNQLGVAEPVVQR.Q	19
PHEAT+1226	proteomics_heat	427582	427620	+	1	2	R.VNQLGVAEPVVQR.Q	17
PHEAT+1227	proteomics_heat	427717	427761	+	1	4	R.LVNTNVDQAAAASGR.V	19
PHEAT+1228	proteomics_heat	427945	427989	+	1	2	K.DNIGKPMATLFVEYK.D	19
PHEAT+1229	proteomics_heat	428092	428124	+	1	2	R.ITGINNPNEAR.Q	15
PHEAT+1230	proteomics_heat	428452	428478	+	1	5	R.IKEELSNGR.T	13
PHEAT+1231	proteomics_heat	428732	428770	+	2	3	V.AQEYTVQLNHGR.K	17
PHEAT+1232	proteomics_heat	428960	429019	+	2	3	K.AGFEEMLQNFSSHDIMVR.M	24
PHEAT+1233	proteomics_heat	429020	429076	+	2	8	R.MPPAEGETGGQVLGSQVLK.V	23
PHEAT+1234	proteomics_heat	429077	429115	+	2	4	K.VINESTNQNAAVK.R	17
PHEAT+1235	proteomics_heat	429077	429118	+	2	2	K.VINESTNQNAAVKR.I	18
PHEAT+1236	proteomics_heat	429419	429469	+	2	2	R.GTPYEIFNVSLTQTLHR.T	21
PHEAT+1237	proteomics_heat	429638	429658	+	2	4	R.EHMLQK.V	11
PHEAT+1238	proteomics_heat	432226	432261	+	1	3	R.MHCPCFAVDTK.V	16
PHEAT+1239	proteomics_heat	432385	432420	+	1	2	K.SNDVREPFNEEK.L	16
PHEAT+1240	proteomics_heat	432454	432501	+	1	6	K.RPVSSDDVEMAINHIK.S	20
PHEAT+1241	proteomics_heat	432733	432777	+	1	6	R.FTTHPNPNVGCIVK.D	19
PHEAT+1242	proteomics_heat	432919	432963	+	1	2	R.TPPCCDALIAAGVAR.V	19
PHEAT+1243	proteomics_heat	432964	433008	+	1	2	R.VVASMQDPNPQVAGR.G	19
PHEAT+1244	proteomics_heat	433159	433209	+	1	3	R.TAMASGESQWITSPQAR.R	21

PHEAT+1245	proteomics_heat	433871	433912	+	2	5	K.MNIIEANVATPDAR.V	18
PHEAT+1246	proteomics_heat	433931	433987	+	2	5	A.RFNNFINDSLLEGAIDALK.R	23
PHEAT+1247	proteomics_heat	433934	433987	+	2	7	R.FNNFINDSLLEGAIDALK.R	22
PHEAT+1248	proteomics_heat	433934	433990	+	2	19	R.FNNFINDSLLEGAIDALKR.I	23
PHEAT+1249	proteomics_heat	433991	434077	+	2	33	R.IGQVKDENITVVWVPGAYELPLAAGALAK.T	33
PHEAT+1250	proteomics_heat	434006	434077	+	2	6	K.DENITVVWVPGAYELPLAAGALAK.T	28
PHEAT+1251	proteomics_heat	434078	434122	+	2	23	K.TGKYDAVIALGTVIR.G	19
PHEAT+1252	proteomics_heat	434123	434254	+	2	23	R.GGTAHFEYVAGGASNGLAHVAQDSEIPVAFGVLTTESIEQAIER.A	48
PHEAT+1253	proteomics_heat	434123	434179	+	2	2	R.GGTAHFEYVAGGASNGLAH.V	23
PHEAT+1254	proteomics_heat	434201	434254	+	2	3	I.PVAFGVLTTESIEQAIER.A	22
PHEAT+1255	proteomics_heat	434279	434326	+	2	32	K.GAEAALTALEMINVLK.A	20
PHEAT+1256	proteomics_heat	434508	434576	+	3	7	R.ELLAGVATNTAYLDGLMKPYLSR.L	27
PHEAT+1257	proteomics_heat	434577	434606	+	3	2	R.LLEELGQVEK.A	14
PHEAT+1258	proteomics_heat	434697	434747	+	3	2	K.SFGAEDSHK FVNGVLDK.A	21
PHEAT+1259	proteomics_heat	434697	434723	+	3	3	K.SFGAEDSHK.F	13
PHEAT+1260	proteomics_heat	435233	435283	+	2	3	R.GPLSMTLGIHGFVPMGR.A	21
PHEAT+1261	proteomics_heat	435296	435379	+	2	2	R.SGAKPGDWIYVTGTPGDSAAGLAILQNR.L	32
PHEAT+1262	proteomics_heat	435470	435535	+	2	4	R.DLANSAIDLSDGLISDLGHIVK.A	26
PHEAT+1263	proteomics_heat	440878	440907	+	1	6	K.HYDETLAVVR.H	14
PHEAT+1264	proteomics_heat	440908	440931	+	1	2	R.HWDNIEVR.A	12
PHEAT+1265	proteomics_heat	440980	441051	+	1	11	R.IPGIHHILEVEDVPFTDMHDIFEK.A	28
PHEAT+1266	proteomics_heat	441115	441150	+	1	2	R.GKHDFSSIDVER.Y	16
PHEAT+1267	proteomics_heat	441151	441192	+	1	2	R.YVGGGLNQHIESAR.V	18
PHEAT+1268	proteomics_heat	441382	441435	+	1	2	R.VHYCFNLLGGAHEIGVR.Q	22
PHEAT+1269	proteomics_heat	441487	441534	+	1	3	R.FVAINFEPVVEILEK.I	20
PHEAT+1270	proteomics_heat	441679	441759	+	1	11	R.LIDNVSDTLILRPLISYDKEHIINLAR.Q	31
PHEAT+1271	proteomics_heat	441844	441894	+	1	4	K.SKIEAEEEEKFDFSILDK.V	21
PHEAT+1272	proteomics_heat	442015	442086	+	1	3	R.SIDEQEDKPLKVEGIDVVSLPFYK.L	28
PHEAT+1273	proteomics_heat	443910	443954	+	3	33	M.PSFDIVSEVDLQEAR.N	19
PHEAT+1274	proteomics_heat	444006	444044	+	3	3	R.NVEASFELNDASK.T	17
PHEAT+1275	proteomics_heat	444054	444104	+	3	47	K.VLSEDFQVNQLLDILR.A	21
PHEAT+1276	proteomics_heat	444120	444176	+	3	8	K.RGIEGSSLDVPENIVHSGK.T	23
PHEAT+1277	proteomics_heat	444123	444176	+	3	11	R.GIEGSSLDVPENIVHSGK.T	22
PHEAT+1278	proteomics_heat	444177	444197	+	3	3	K.TWFVEAK.L	11
PHEAT+1279	proteomics_heat	444198	444230	+	3	19	K.LKQGIESATQK.K	15
PHEAT+1280	proteomics_heat	444261	444299	+	3	9	K.LKVQAQIQGDEIR.V	17
PHEAT+1281	proteomics_heat	444267	444299	+	3	5	K.VQAQIQGDEIR.V	15
PHEAT+1282	proteomics_heat	444312	444350	+	3	10	K.SRDDLQAVMAMVR.G	17
PHEAT+1283	proteomics_heat	444351	444383	+	3	3	R.GGDLGQPFQFK.N	15
PHEAT+1284	proteomics_heat	453732	453779	+	3	29	R.AAFQPVFLEVVDSEYR.H	20
PHEAT+1285	proteomics_heat	453870	453944	+	3	13	R.MIYSTLAEELSTTVHALALHTYTIK.E	29
PHEAT+1286	proteomics_heat	453945	453992	+	3	2	K.EWEGLQDTVASFPPCR.G	20
PHEAT+1287	proteomics_heat	454357	454395	+	1	12	K.MQVSVETTQGLGR.R	17
PHEAT+1288	proteomics_heat	454396	454443	+	1	31	R.RVTITIAADSIETAVK.S	20
PHEAT+1289	proteomics_heat	454396	454467	+	1	9	R.RVTITIAADSIETAVKSELVNAK.K	28
PHEAT+1290	proteomics_heat	454399	454443	+	1	12	R.VTITIAADSIETAVK.S	19

PHEAT+1291	proteomics_heat	454444	454467	+	1	3	K.SELVNVAK.K	12
PHEAT+1292	proteomics_heat	454444	454470	+	1	2	K.SELVNVAKK.V	13
PHEAT+1293	proteomics_heat	454495	454527	+	1	10	K.GKVPNMIVAQR.Y	15
PHEAT+1294	proteomics_heat	454501	454527	+	1	7	K.VPMNIVAQR.Y	13
PHEAT+1295	proteomics_heat	454546	454575	+	1	3	R.QDVLGDLMSR.N	14
PHEAT+1296	proteomics_heat	454600	454650	+	1	8	K.EKINPAGAPTYVPGEYK.L	21
PHEAT+1297	proteomics_heat	454606	454650	+	1	10	K.INPAGAPTYVPGEYK.L	19
PHEAT+1298	proteomics_heat	454813	454845	+	1	3	K.EKDGAVEAEDR.V	15
PHEAT+1299	proteomics_heat	454846	454899	+	1	26	R.VTIDFTGSVDGEEFEGGK.A	22
PHEAT+1300	proteomics_heat	454900	454935	+	1	16	K.ASDFVLAMGQGR.M	16
PHEAT+1301	proteomics_heat	454936	454965	+	1	2	R.MIPGFEDGIK.G	14
PHEAT+1302	proteomics_heat	454936	454974	+	1	2	R.MIPGFEDGIKGHK.A	17
PHEAT+1303	proteomics_heat	454975	455037	+	1	45	K.AGEEFTIDVTFPEEYHAENLK.G	25
PHEAT+1304	proteomics_heat	455086	455118	+	1	6	R.ELPELTAEFIK.R	15
PHEAT+1305	proteomics_heat	455086	455121	+	1	3	R.ELPELTAEFIKR.F	16
PHEAT+1306	proteomics_heat	455122	455157	+	1	9	R.FGVEDGSVEGLR.A	16
PHEAT+1307	proteomics_heat	455212	455244	+	1	5	R.VKSQAIEGLVK.A	15
PHEAT+1308	proteomics_heat	455218	455244	+	1	4	K.SQAIEGLVK.A	13
PHEAT+1309	proteomics_heat	455245	455301	+	1	22	K.ANDIDVPAALIDSEIDVLR.R	23
PHEAT+1310	proteomics_heat	455359	455385	+	1	2	R.ELFEEQAKR.R	13
PHEAT+1311	proteomics_heat	455359	455382	+	1	5	R.ELFEEQAK.R	12
PHEAT+1312	proteomics_heat	455389	455424	+	1	86	R.VVVGLLLGEVIR.T	16
PHEAT+1313	proteomics_heat	455425	455454	+	1	11	R.TNELKADEER.V	14
PHEAT+1314	proteomics_heat	455455	455526	+	1	9	R.VKGLIEEMASAYEDPKEVIEFYK.N	28
PHEAT+1315	proteomics_heat	455461	455526	+	1	59	K.GLIEEMASAYEDPKEVIEFYK.N	26
PHEAT+1316	proteomics_heat	455503	455526	+	1	2	K.EVIEFYK.N	12
PHEAT+1317	proteomics_heat	455527	455553	+	1	12	K.NKELMDNMR.N	13
PHEAT+1318	proteomics_heat	455554	455598	+	1	38	R.NVALEEQAVEAVLAK.A	19
PHEAT+1319	proteomics_heat	455599	455652	+	1	3	K.AKVTEKETFNELMNQQA.-	22
PHEAT+1320	proteomics_heat	455605	455652	+	1	4	K.VTEKETFNELMNQQA.-	20
PHEAT+1321	proteomics_heat	455943	455978	+	3	2	M.ALVPMVIEQTSR.G	16
PHEAT+1322	proteomics_heat	456267	456362	+	3	4	K.GKRFLPNSRVMIHQPLGGYQGQATDIEIHAR.E	36
PHEAT+1323	proteomics_heat	456297	456362	+	3	25	R.VMIHQPLGGYQGQATDIEIHAR.E	26
PHEAT+1324	proteomics_heat	456330	456362	+	3	2	Q.GQATDIEIHAR.E	15
PHEAT+1325	proteomics_heat	456387	456440	+	3	7	R.MNELMALHTGQSLEQIER.D	22
PHEAT+1326	proteomics_heat	456453	456521	+	3	4	R.DRFLSAPEAVEYGLVDSILTHRN.-	27
PHEAT+1327	proteomics_heat	456459	456521	+	3	8	R.FLSAPEAVEYGLVDSILTHRN.-	25
PHEAT+1328	proteomics_heat	456683	456709	+	2	3	K.LLYCSFCGK.S	13
PHEAT+1329	proteomics_heat	456731	456808	+	2	2	K.LIAGPSVYICDECVDLCNDIIREIIEK.E	30
PHEAT+1330	proteomics_heat	456731	456796	+	2	3	K.LIAGPSVYICDECVDLCNDIIR.E	26
PHEAT+1331	proteomics_heat	456797	456826	+	2	5	R.EEIKEVAPHR.E	14
PHEAT+1332	proteomics_heat	456863	456907	+	2	2	R.NHLDDYVIGQEQA.K.V	19
PHEAT+1333	proteomics_heat	456863	456904	+	2	7	R.NHLDDYVIGQEQA.K	18
PHEAT+1334	proteomics_heat	456908	456940	+	2	2	K.VLAVAVYNHYK.R	15
PHEAT+1335	proteomics_heat	456944	456985	+	2	4	R.LRNGDTSNGVELGK.S	18
PHEAT+1336	proteomics_heat	456950	456985	+	2	3	R.NGDTSNGVELGK.S	16

PHEAT+1337	proteomics_heat	457052	457141	+	2	47	R.LLDVPFTMADATTLTEAGYVGEDVENIIQK.L	34
PHEAT+1338	proteomics_heat	457154	457174	+	2	2	K.CDYDVQK.A	11
PHEAT+1339	proteomics_heat	457184	457222	+	2	5	R.GIVYIDEIDKISR.K	17
PHEAT+1340	proteomics_heat	457223	457249	+	2	7	R.KSDNPSITR.D	13
PHEAT+1341	proteomics_heat	457250	457288	+	2	3	R.DVSGEGVQQALLK.L	17
PHEAT+1342	proteomics_heat	457337	457375	+	2	2	K.HPQQEFLQVDTSK.I	17
PHEAT+1343	proteomics_heat	457433	457474	+	2	3	R.VETGSGIGFGATVK.A	18
PHEAT+1344	proteomics_heat	457481	457540	+	2	3	K.SDKASEGELLAQVEPEDLIK.F	24
PHEAT+1345	proteomics_heat	457490	457540	+	2	4	K.ASEGELLAQVEPEDLIK.F	21
PHEAT+1346	proteomics_heat	457541	457570	+	2	2	K.FGLIPEFIGR.L	14
PHEAT+1347	proteomics_heat	457571	457639	+	2	84	R.LPVVATLNELSEEALIQLKEPK.N	27
PHEAT+1348	proteomics_heat	457571	457630	+	2	38	R.LPVVATLNELSEEALIQLK.E	24
PHEAT+1349	proteomics_heat	457655	457729	+	2	5	K.QYQALFNLEGVDLEFRDEALDAIAK.K	29
PHEAT+1350	proteomics_heat	457703	457729	+	2	3	R.DEALDAIAK.K	13
PHEAT+1351	proteomics_heat	457769	457834	+	2	11	R.SIVEAALLDTMYDLPSMEDVEK.V	26
PHEAT+1352	proteomics_heat	457835	457921	+	2	4	K.VVIDESVIDGQSKPLLIYGKPEAQQASGE.-	33
PHEAT+1353	proteomics_heat	458127	458210	+	3	3	R.SERIEIPVPLRDRVVVYPHVMVPLFVGR.E	32
PHEAT+1354	proteomics_heat	458136	458210	+	3	5	R.IEIPVPLRDRVVVYPHVMVPLFVGR.E	29
PHEAT+1355	proteomics_heat	458163	458210	+	3	6	R.DVVVYPHVMVPLFVGR.E	20
PHEAT+1356	proteomics_heat	458226	458258	+	3	2	R.CLEAAMDHDKK.I	15
PHEAT+1357	proteomics_heat	458259	458279	+	3	2	K.IMLVAQK.E	11
PHEAT+1358	proteomics_heat	458280	458357	+	3	21	K.EASTDEPGVNDLFTVGTVASILQMLK.L	30
PHEAT+1359	proteomics_heat	458409	458450	+	3	7	R.ISALSDNGEHFSAK.A	18
PHEAT+1360	proteomics_heat	458451	458486	+	3	3	K.AEYLESPTIDER.E	16
PHEAT+1361	proteomics_heat	458508	458540	+	3	6	R.TAISQFEGYIK.L	15
PHEAT+1362	proteomics_heat	458553	458603	+	3	3	K.IPPEVLTSLSNIDDPAR.L	21
PHEAT+1363	proteomics_heat	458604	458639	+	3	5	R.LADTIAAHMPLK.L	16
PHEAT+1364	proteomics_heat	458790	458816	+	3	2	R.EYLLNEQMK.A	13
PHEAT+1365	proteomics_heat	458829	458876	+	3	2	K.ELGEMDDAPDENEALK.R	20
PHEAT+1366	proteomics_heat	458829	458879	+	3	2	K.ELGEMDDAPDENEALKR.K	21
PHEAT+1367	proteomics_heat	458949	458987	+	3	2	K.MMSPMSAEATVVR.G	17
PHEAT+1368	proteomics_heat	458988	459029	+	3	2	R.GYIDWMVQVPWNAR.S	18
PHEAT+1369	proteomics_heat	459054	459098	+	3	5	R.QAQEILDTDHYGLER.V	19
PHEAT+1370	proteomics_heat	459111	459140	+	3	2	R.ILEYLAVQSR.V	14
PHEAT+1371	proteomics_heat	459150	459197	+	3	6	K.IKGPICLVGGPPGVGK.T	20
PHEAT+1372	proteomics_heat	459249	459287	+	3	2	R.MALGGVRDEAEIR.G	17
PHEAT+1373	proteomics_heat	459348	459392	+	3	4	K.VGVKNPLFLLDEIDK.M	19
PHEAT+1374	proteomics_heat	459348	459410	+	3	3	K.VGVKNPLFLLDEIDKMSSDMR.G	25
PHEAT+1375	proteomics_heat	459360	459392	+	3	5	K.NPLFLLDEIDK.M	15
PHEAT+1376	proteomics_heat	459360	459410	+	3	7	K.NPLFLLDEIDKMSSDMR.G	21
PHEAT+1377	proteomics_heat	459579	459620	+	3	3	R.LSGYTEDEKLNIAK.R	18
PHEAT+1378	proteomics_heat	459663	459710	+	3	15	K.KGELTVDDSAIIGIIR.Y	20
PHEAT+1379	proteomics_heat	459810	459860	+	3	7	K.HIEINGDNLHDYGLVQR.F	21
PHEAT+1380	proteomics_heat	459975	460049	+	3	3	K.GKLYTGSLSGEVMQESIQAALTVVR.A	29
PHEAT+1381	proteomics_heat	459981	460049	+	3	27	K.LTYTGSLSGEVMQESIQAALTVVR.A	27
PHEAT+1382	proteomics_heat	460098	460136	+	3	8	R.DIHVHVPEGATPK.D	17

PHEAT+1383	proteomics_heat	460137	460205	+	3	6	K.DGPSAGIAMCTALVSLTGNPVR.A	27
PHEAT+1384	proteomics_heat	460242	460271	+	3	4	R.GQVLPIGGLK.E	14
PHEAT+1385	proteomics_heat	460338	460397	+	3	2	R.DLEEIPDNVIADLDIHPVKR.I	24
PHEAT+1386	proteomics_heat	460338	460394	+	3	2	R.DLEEIPDNVIADLDIHPVK.R	23
PHEAT+1387	proteomics_heat	460398	460463	+	3	7	R.IEEVLTALQNEPSGMQVVTAK.-	26
PHEAT+1388	proteomics_heat	460693	460728	+	1	2	L.IDKIAAGADISK.A	16
PHEAT+1389	proteomics_heat	460702	460728	+	1	15	K.IAAGADISK.A	13
PHEAT+1390	proteomics_heat	460744	460833	+	1	919	R.ALDAIISVTESLKEGDDVALVGFGTFAVK.E	34
PHEAT+1391	proteomics_heat	460744	460785	+	1	11	R.ALDAIISVTESLK.E	18
PHEAT+1392	proteomics_heat	460786	460833	+	1	7	K.EGDDVALVGFGTFAVK.E	20
PHEAT+1393	proteomics_heat	460858	460899	+	1	2	R.NPQTGKEITIAAAK.V	18
PHEAT+1394	proteomics_heat	461295	461327	+	3	3	R.GQFENAFNSER.N	15
PHEAT+1395	proteomics_heat	461334	461393	+	3	4	R.MQQQLGDQYSELAANEGYMK.T	24
PHEAT+1396	proteomics_heat	461421	461456	+	3	3	R.LIDEALLDQYAR.E	16
PHEAT+1397	proteomics_heat	461466	461492	+	3	4	K.LGISDEQVK.Q	13
PHEAT+1398	proteomics_heat	461550	461609	+	3	6	R.YNGILNQMGMTADQYAQALR.N	24
PHEAT+1399	proteomics_heat	461610	461669	+	3	3	R.NQLTTQQLINGVAGTDFMLK.G	24
PHEAT+1400	proteomics_heat	461610	461711	+	3	4	R.NQLTTQQLINGVAGTDFMLKGETDELAALVAQQR.V	38
PHEAT+1401	proteomics_heat	461721	461756	+	3	2	R.EATIDVNALAAK.Q	16
PHEAT+1402	proteomics_heat	461757	461804	+	3	2	K.QPVTEQEIASYYEQNK.N	20
PHEAT+1403	proteomics_heat	461850	461942	+	3	2	K.LDAATMQQPVSDADIQSYYDQHQQDFTQQR.T	35
PHEAT+1404	proteomics_heat	461949	461969	+	3	2	R.YSIIQTK.T	11
PHEAT+1405	proteomics_heat	461988	462038	+	3	5	K.AVLDELNKGGDFAALAK.E	21
PHEAT+1406	proteomics_heat	462039	462068	+	3	2	K.EKSADIISAR.N	14
PHEAT+1407	proteomics_heat	462069	462137	+	3	3	R.NGGDMGWLEDATIPDELKNAGLK.E	27
PHEAT+1408	proteomics_heat	462069	462122	+	3	2	R.NGGDMGWLEDATIPDELK.N	22
PHEAT+1409	proteomics_heat	462195	462218	+	3	6	R.LDDIQPAK.V	12
PHEAT+1410	proteomics_heat	462309	462374	+	3	15	K.VSDAASNDTESLAGAEQAAGVK.A	26
PHEAT+1411	proteomics_heat	462402	462524	+	3	3	K.DNLPEELNFKPVADAIIFNGGLVGENGAPGINSDIITVDGDR.A	45
PHEAT+1412	proteomics_heat	462540	462599	+	3	3	R.ISEHKPEAVKPLADVQEYQVK.A	24
PHEAT+1413	proteomics_heat	462681	462713	+	3	6	K.GAEAMQAAGLK.F	15
PHEAT+1414	proteomics_heat	462741	462794	+	3	10	R.SGRDPISQAALPLPAK.D	22
PHEAT+1415	proteomics_heat	462795	462866	+	3	4	K.DKPSYGMATDMQGNVLLALDEVK.Q	28
PHEAT+1416	proteomics_heat	462897	462965	+	3	6	K.AMVQGITQNNAQIVFEALMSNLR.K	27
PHEAT+1417	proteomics_heat	462897	462968	+	3	3	K.AMVQGITQNNAQIVFEALMSNLRK.E	28
PHEAT+1418	proteomics_heat	470859	470912	+	3	2	D.RPLQSGTIEVDNVSFAYR.D	22
PHEAT+1419	proteomics_heat	474780	474851	+	3	6	K.VALPPDAVLTVTLSDASLADAPSK.V	28
PHEAT+1420	proteomics_heat	474888	474947	+	3	2	K.QSPFSFVLSFPADVQPNAR.I	24
PHEAT+1421	proteomics_heat	474984	475037	+	3	6	K.LVFITDTVQPVINQGGTK.A	22
PHEAT+1422	proteomics_heat	485955	486008	+	3	2	K.LVQQDLTDLATLTKIDR.I	22
PHEAT+1423	proteomics_heat	486261	486308	+	3	3	R.VQNAMYNASQQQLQIR.S	20
PHEAT+1424	proteomics_heat	486309	486362	+	3	2	R.SRLDGTDVGETALRPSQK.V	22
PHEAT+1425	proteomics_heat	486468	486494	+	3	4	R.DYVTANSAR.L	13
PHEAT+1426	proteomics_heat	486495	486539	+	3	3	R.LEHQLQLLQEAVNSK.R	19
PHEAT+1427	proteomics_heat	486660	486710	+	3	2	R.LITATENGNQLMQQNIK.V	21
PHEAT+1428	proteomics_heat	489084	489119	+	3	4	R.DYKGGDDPTPAVG.-	16

PHEAT+1429	proteomics_heat	490639	490671	+	1	3	M.TATAQQLEYLK.N	15
PHEAT+1430	proteomics_heat	490684	490722	+	1	4	K.SIQDYPKPGILFR.D	17
PHEAT+1431	proteomics_heat	490723	490752	+	1	3	R.DVTSLLEDPK.A	14
PHEAT+1432	proteomics_heat	490723	490788	+	1	4	R.DVTSLLEDPKAYALSIDLLVER.Y	26
PHEAT+1433	proteomics_heat	490834	490893	+	1	63	R.GFLFGAPVALGLGVGFVPRV.R.K	24
PHEAT+1434	proteomics_heat	490834	490905	+	1	2	R.GFLFGAPVALGLGVGFVPRV.R.KPGK.L	28
PHEAT+1435	proteomics_heat	490999	491055	+	1	41	K.VLVVDDLLATGGTIEATVK.L	23
PHEAT+1436	proteomics_heat	491065	491133	+	1	18	R.RLGGEVADAAFIINLFDLGGEQR.L	27
PHEAT+1437	proteomics_heat	491068	491133	+	1	33	R.LGGEVADAAFIINLFDLGGEQR.L	26
PHEAT+1438	proteomics_heat	491143	491184	+	1	3	K.QGITSYSLVFPFGH.-	18
PHEAT+1439	proteomics_heat	491631	491666	+	3	3	R.DLLDNVQYAPAR.G	16
PHEAT+1440	proteomics_heat	491769	491822	+	3	2	K.FLLATDPQKLPVTILSR.C	22
PHEAT+1441	proteomics_heat	492189	492251	+	3	3	R.IAMVQLSPAALGNDMAAIELR.M	25
PHEAT+1442	proteomics_heat	493369	493428	+	1	19	K.MQEEIAQLEVTGESGAGLVK.V	24
PHEAT+1443	proteomics_heat	493429	493458	+	1	2	K.VTINGAHNCR.R	14
PHEAT+1444	proteomics_heat	493459	493545	+	1	29	R.RVEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	33
PHEAT+1445	proteomics_heat	493462	493545	+	1	7	R.VEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	32
PHEAT+1446	proteomics_heat	493573	493617	+	1	9	K.MASVSSGMQLPPGFK.M	19
PHEAT+1447	proteomics_heat	493776	493811	+	3	2	R.AMSEIGHCADCR.T	16
PHEAT+1448	proteomics_heat	493941	494021	+	3	2	R.YFVLMGHLSPLDGIGPDDIGLDRLEQR.L	31
PHEAT+1449	proteomics_heat	494139	494216	+	3	3	R.IAHGVPVGGEELEMDGTTLSHSLAGR.H	30
PHEAT+1450	proteomics_heat	494386	494427	+	1	4	K.QLLHLMHISLYSNK.E	18
PHEAT+1451	proteomics_heat	494398	494427	+	1	3	H.LMTHLSLYSNK.E	14
PHEAT+1452	proteomics_heat	494443	494484	+	1	6	R.ELISNASDAADKLR.F	18
PHEAT+1453	proteomics_heat	494443	494478	+	1	3	R.ELISNASDAADK.L	16
PHEAT+1454	proteomics_heat	494491	494535	+	1	12	R.ALSNPDLYEGDGELR.V	19
PHEAT+1455	proteomics_heat	494542	494562	+	1	2	R.VSFDKDK.R	11
PHEAT+1456	proteomics_heat	494566	494640	+	1	5	R.TLTISDNGVGMTRDEVIDHLGTIAK.S	29
PHEAT+1457	proteomics_heat	494566	494604	+	1	5	R.TLTISDNGVGMTR.D	17
PHEAT+1458	proteomics_heat	494605	494640	+	1	6	R.DEVIDHLGTIAK.S	16
PHEAT+1459	proteomics_heat	494653	494688	+	1	3	K.SFLESLSGSDQAK.D	16
PHEAT+1460	proteomics_heat	494770	494850	+	1	21	R.AAGEKPENGVFWESAGEGEYTVADITK.E	31
PHEAT+1461	proteomics_heat	494770	494859	+	1	3	R.AAGEKPENGVFWESAGEGEYTVADITKEDR.G	34
PHEAT+1462	proteomics_heat	494800	494850	+	1	15	V.FWESAGEGEYTVADITK.E	21
PHEAT+1463	proteomics_heat	494860	494886	+	1	4	R.GTEITLHLR.E	13
PHEAT+1464	proteomics_heat	494887	494919	+	1	4	R.EGEDEFLLDWR.V	15
PHEAT+1465	proteomics_heat	494941	494982	+	1	14	K.YSDHIALPVEIEK.R	18
PHEAT+1466	proteomics_heat	494941	494979	+	1	5	K.YSDHIALPVEIEK.R	17
PHEAT+1467	proteomics_heat	494980	495021	+	1	5	K.REEKDGETVISWEK.I	18
PHEAT+1468	proteomics_heat	494983	495021	+	1	4	R.EEKDGETVISWEK.I	17
PHEAT+1469	proteomics_heat	494992	495021	+	1	4	K.DGETVISWEK.I	14
PHEAT+1470	proteomics_heat	495052	495096	+	1	19	R.NKSEITDEEYKEYK.H	19
PHEAT+1471	proteomics_heat	495058	495096	+	1	6	K.SEITDEEYKEYK.H	17
PHEAT+1472	proteomics_heat	495157	495216	+	1	11	K.QEYTSLLYIPQAPWDMWNR.D	24
PHEAT+1473	proteomics_heat	495253	495300	+	1	15	R.VFIMDDAEQFMPNYLR.F	20
PHEAT+1474	proteomics_heat	495310	495351	+	1	9	R.GLIDSSDLPLNVS.R.E	18

PHEAT+1475	proteomics_heat	495352	495381	+	1	8	R.EILQDSTVTR.N	14
PHEAT+1476	proteomics_heat	495409	495429	+	1	3	R.VLQMLEK.L	11
PHEAT+1477	proteomics_heat	495430	495492	+	1	10	K.LAKDDAEKYQTFWQQFGLVLK.E	25
PHEAT+1478	proteomics_heat	495454	495492	+	1	27	K.YQTFWQQFGLVLK.E	17
PHEAT+1479	proteomics_heat	495493	495537	+	1	16	K.EGPAEDFANQEAIK.L	19
PHEAT+1480	proteomics_heat	495547	495609	+	1	15	R.FASTHTDSSAQTVSLEDYVSR.M	25
PHEAT+1481	proteomics_heat	495631	495669	+	1	2	K.IYYITADSYAAAK.S	17
PHEAT+1482	proteomics_heat	495670	495696	+	1	2	K.SSPHLELLR.K	13
PHEAT+1483	proteomics_heat	495733	495798	+	1	9	R.IDEWMMNYLTFDGGKPFQSVSK.V	26
PHEAT+1484	proteomics_heat	495820	495849	+	1	6	K.LADEVDESAK.E	14
PHEAT+1485	proteomics_heat	495820	495861	+	1	2	K.LADEVDESAKEAEK.A	18
PHEAT+1486	proteomics_heat	495937	495999	+	1	5	R.LTDTPAIVSTDADEMSTQMAK.L	25
PHEAT+1487	proteomics_heat	495970	495999	+	1	2	D.ADEMSTQMAK.L	14
PHEAT+1488	proteomics_heat	496000	496023	+	1	4	K.LFAAAGQK.V	12
PHEAT+1489	proteomics_heat	496039	496077	+	1	7	K.YIFELNPDHVLVK.R	17
PHEAT+1490	proteomics_heat	496039	496080	+	1	4	K.YIFELNPDHVLVKR.A	18
PHEAT+1491	proteomics_heat	496108	496158	+	1	8	K.FSEWVELLLDQALLAER.G	21
PHEAT+1492	proteomics_heat	496405	496437	+	1	7	R.IILLGAPGAGK.G	15
PHEAT+1493	proteomics_heat	496438	496467	+	1	5	K.GTQAQFIMEK.Y	14
PHEAT+1494	proteomics_heat	496468	496506	+	1	5	K.YGIPQISTGDMMLR.A	17
PHEAT+1495	proteomics_heat	496549	496569	+	1	4	K.DIMDAGK.L	11
PHEAT+1496	proteomics_heat	496570	496605	+	1	26	K.LVTDELVIALVK.E	16
PHEAT+1497	proteomics_heat	496633	496662	+	1	11	R.NGFLLDGFPR.T	14
PHEAT+1498	proteomics_heat	496690	496755	+	1	20	K.EAGINVDYVLEFDVPDELIVDR.I	26
PHEAT+1499	proteomics_heat	496822	496866	+	1	6	K.VEGKDDVTGEELTR.K	19
PHEAT+1500	proteomics_heat	496834	496866	+	1	14	K.DDVTGEELTR.K	15
PHEAT+1501	proteomics_heat	496867	496896	+	1	2	R.KDDQEETVRK.R	14
PHEAT+1502	proteomics_heat	496897	496950	+	1	2	K.RLVEYHQMTAPLIGYYSK.E	22
PHEAT+1503	proteomics_heat	496900	496950	+	1	13	R.LVEYHQMTAPLIGYYSK.E	21
PHEAT+1504	proteomics_heat	496984	497016	+	1	9	K.VDGTKPVAEVR.A	15
PHEAT+1505	proteomics_heat	496984	497010	+	1	2	K.VDGTKPVAE.V	13
PHEAT+1506	proteomics_heat	497876	497908	+	2	2	R.YADEGDDYPQR.C	15
PHEAT+1507	proteomics_heat	499520	499591	+	2	4	R.YGLSAGHSLVIEDDVAEALYQELK.Q	28
PHEAT+1508	proteomics_heat	499598	499675	+	2	6	K.NLITHQFAGGTIGNTMHNYSVLADDR.S	30
PHEAT+1509	proteomics_heat	499757	499801	+	2	3	R.TDLNLYQGVDGPIGR.C	19
PHEAT+1510	proteomics_heat	499874	499942	+	2	2	R.AESIPEDVIAGASALVLTSYLVR.C	27
PHEAT+1511	proteomics_heat	500039	500083	+	2	3	K.FVIAENPQWWQQFLK.D	19
PHEAT+1512	proteomics_heat	500258	500317	+	2	5	K.TQHLLPGATAEFNQYEFSA.A	24
PHEAT+1513	proteomics_heat	500354	500395	+	2	3	R.VYSHIAPYMGGPEK.I	18
PHEAT+1514	proteomics_heat	500558	500593	+	2	2	R.VSYQVLNQHSR.L	16
PHEAT+1515	proteomics_heat	500603	500650	+	2	3	R.GLPEREDSLEESYWDR.-	20
PHEAT+1516	proteomics_heat	504213	504236	+	3	2	A.YEQDKTYK.I	12
PHEAT+1517	proteomics_heat	504342	504443	+	3	28	K.EVAAEGGSVLLSGGDINTGVPESDLQDAEPDFR.G	38
PHEAT+1518	proteomics_heat	504444	504518	+	3	5	R.GMNLVGYDAMAIGNHEFDNPLTVLR.Q	29
PHEAT+1519	proteomics_heat	504630	504668	+	3	2	K.IAVIGLTTDDTAK.I	17
PHEAT+1520	proteomics_heat	504879	504932	+	3	3	M.IVGGHSQDPVCMAAENKK.Q	22

PHEAT+1521	proteomics_heat	505062	505100	+	3	3	K.MVNYQLIPVNLKK.K	17
PHEAT+1522	proteomics_heat	505134	505202	+	3	8	R.VLYTPEIAENQQMISLLSPFQNK.G	27
PHEAT+1523	proteomics_heat	505368	505400	+	3	4	R.DSIEAGDISYK.N	15
PHEAT+1524	proteomics_heat	505461	505550	+	3	3	K.EVIDYLTAVAQMKPDSGAYPQFANVSFVAK.D	34
PHEAT+1525	proteomics_heat	505581	505670	+	3	2	K.GEPVDPAKTYRMATLNFNATGGDGYPRLDN.K	34
PHEAT+1526	proteomics_heat	505614	505661	+	3	3	R.MATLNFNATGGDGYPR.L	20
PHEAT+1527	proteomics_heat	505662	505718	+	3	2	R.LDNKPGYVNTGFIDAEVLK.A	23
PHEAT+1528	proteomics_heat	507460	507519	+	1	3	R.KPTTPGDILLYEYLEPLDLK.I	24
PHEAT+1529	proteomics_heat	507556	507588	+	1	2	R.NSVSALINNNR.K	15
PHEAT+1530	proteomics_heat	511072	511128	+	1	2	K.VCTLALALEVDVGPQAVQDK.I	23
PHEAT+1531	proteomics_heat	511447	511536	+	1	2	R.QCSTLLNTIELATLGATLAAGGVNPLTHKR.V	34
PHEAT+1532	proteomics_heat	511642	511737	+	1	3	K.SGVGGGILAVVPGVMGIAAFSPPLDEDGNSVR.G	36
PHEAT+1533	proteomics_heat	513328	513369	+	1	2	R.TYTQQHLNELTLR.Q	18
PHEAT+1534	proteomics_heat	515296	515382	+	1	2	K.IVASLISPTSGTLLFEGEDVSTLKPEIYR.Q	33
PHEAT+1535	proteomics_heat	515467	515511	+	1	3	R.NRQPDPAIFLDFLER.F	19
PHEAT+1536	proteomics_heat	515614	515688	+	1	2	K.VLLLDEITSALDESNKHNVNEMIHR.Y	29
PHEAT+1537	proteomics_heat	515761	515805	+	1	2	K.VITLQPHAGEMQEAR.Y	19
PHEAT+1538	proteomics_heat	532256	532291	+	2	6	R.GRPGQAEPAQK.G	16
PHEAT+1539	proteomics_heat	532313	532342	+	2	2	R.GIAILQYLEK.S	14
PHEAT+1540	proteomics_heat	532343	532411	+	2	6	K.SGGSSVSDisLNLdLPLSTTFR.L	27
PHEAT+1541	proteomics_heat	532601	532642	+	2	2	R.NGNEAVLIGQLECK.S	18
PHEAT+1542	proteomics_heat	532679	532708	+	2	8	R.LPLHASGAGK.A	14
PHEAT+1543	proteomics_heat	532958	532999	+	2	2	R.LTEDRFVSQGELVR.D	18
PHEAT+1544	proteomics_heat	532973	532999	+	2	2	R.FVSQGELVR.D	13
PHEAT+1545	proteomics_heat	539557	539607	+	1	6	A.AMFLPMTIWNIAKTSAR.M	21
PHEAT+1546	proteomics_heat	554062	554106	+	1	2	K.RANENGESFVAMVDR.M	19
PHEAT+1547	proteomics_heat	554128	554172	+	1	2	K.DFDALNILRPDMEPR.A	19
PHEAT+1548	proteomics_heat	554152	554172	+	1	3	L.RPDMEPR.A	11
PHEAT+1549	proteomics_heat	554173	554226	+	1	4	R.ATHHIAEIIELTEQLIAK.G	22
PHEAT+1550	proteomics_heat	554227	554304	+	1	3	K.GHAYVADNGDVMFDVPTDPTYGVLSR.Q	30
PHEAT+1551	proteomics_heat	554305	554337	+	1	3	R.QDLDLQLQAGAR.V	15
PHEAT+1552	proteomics_heat	554338	554388	+	1	3	R.VDVVDDKRNPMDFVLWK.M	21
PHEAT+1553	proteomics_heat	554398	554478	+	1	3	K.EGEPSPWSPWGAGRPGWHIECSAMNCK.Q	31
PHEAT+1554	proteomics_heat	554440	554478	+	1	4	R.PGWHIECSAMNCK.Q	17
PHEAT+1555	proteomics_heat	554704	554730	+	1	3	R.YFLMSGHYR.S	13
PHEAT+1556	proteomics_heat	554731	554763	+	1	2	R.SQLNYSEENLK.Q	15
PHEAT+1557	proteomics_heat	554806	554856	+	1	2	R.GTDKTVAPAGGEAFEAR.F	21
PHEAT+1558	proteomics_heat	554818	554856	+	1	2	K.TVAPAGGEAFEAR.F	17
PHEAT+1559	proteomics_heat	554857	554925	+	1	4	R.FIEAMDDDFNTPEAYSVLFDMAR.E	27
PHEAT+1560	proteomics_heat	554938	554988	+	1	8	R.LKAEDMAAANAMASHLR.K	21
PHEAT+1561	proteomics_heat	554944	554988	+	1	4	K.AEDMAAANAMASHLR.K	19
PHEAT+1562	proteomics_heat	554992	555102	+	1	4	K.LSAVLGLLEQEPEAFQLQSGAQADDSEVAEIALIQQR.L	41
PHEAT+1563	proteomics_heat	555049	555102	+	1	7	G.AQADDSEVAEIALIQQR.L	22
PHEAT+1564	proteomics_heat	555124	555150	+	1	7	K.DWAAADAAR.D	13
PHEAT+1565	proteomics_heat	555151	555210	+	1	2	R.DRLNEMGIVLEDGPQGTWR.R	24
PHEAT+1566	proteomics_heat	555157	555210	+	1	2	R.LNEMGIVLEDGPQGTWR.R	22

PHEAT+1567	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1568	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1569	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1570	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1571	proteomics_heat	566140	566196	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+1572	proteomics_heat	568041	568061	+	3	3	T.LIVFLNK.K	11
PHEAT+1573	proteomics_heat	596621	596674	+	2	2	K.VAFNFVQQGNLSLLQDIK.V	22
PHEAT+1574	proteomics_heat	607288	607365	+	1	3	P.MNYSHDNWSAILAHIGKPEELDSAR.N	30
PHEAT+1575	proteomics_heat	607288	607365	+	1	3	P.MNYSHDNWSAILAHIGKPEELDSAR.N	30
PHEAT+1576	proteomics_heat	607288	607365	+	1	3	P.MNYSHDNWSAILAHIGKPEELDSAR.N	30
PHEAT+1577	proteomics_heat	616002	616088	+	3	2	R.VMQALPDVEQAVTHACVINQAAATGGDAR.Q	33
PHEAT+1578	proteomics_heat	622300	622362	+	1	6	Q.IGFLYAAIPLGAAIGALTSQK.L	25
PHEAT+1579	proteomics_heat	624618	624710	+	3	3	R.LIAQNPVSYNFHVPLADGGVLLGASPELLLR.K	35
PHEAT+1580	proteomics_heat	624876	624959	+	3	2	R.SSELHVPSSPQLITPTLWHLATPFEGK.A	32
PHEAT+1581	proteomics_heat	626250	626321	+	3	3	R.IPAEIGCQLQQVFGMAEGLVNYTR.L	28
PHEAT+1582	proteomics_heat	627121	627159	+	1	4	K.QHNIPVYYTAQPK.E	17
PHEAT+1583	proteomics_heat	627514	627561	+	1	2	R.VVMTEELLPAPIPASK.A	20
PHEAT+1584	proteomics_heat	627574	627657	+	1	2	R.EVILPLLDESDEPFDDNLIDYGLDSVR.M	32
PHEAT+1585	proteomics_heat	628077	628130	+	3	2	A.VNVGGAFNLFQQTMTNQFR.R	22
PHEAT+1586	proteomics_heat	629336	629374	+	2	2	R.HNDGLDYVPTDKK.V	17
PHEAT+1587	proteomics_heat	632842	632946	+	1	2	K.LPQLGTTIFTQMSALAQHQAINLSQGFDFDGP.R.Y	39
PHEAT+1588	proteomics_heat	632962	633027	+	1	3	R.LAHHVAQGANQYAPMTGVQALR.E	26
PHEAT+1589	proteomics_heat	633055	633147	+	1	56	R.LYGYPDADSDITVTAGATEALYAITALVR.N	35
PHEAT+1590	proteomics_heat	633148	633228	+	1	6	R.NGDEVICFDPSPSYAPAIALSGGIVK.R	31
PHEAT+1591	proteomics_heat	633541	633585	+	1	3	K.VGYCVAPAPISAEIR.K	19
PHEAT+1592	proteomics_heat	633589	633654	+	1	5	K.VHQYLTFVNTPAQLALADMLR.A	26
PHEAT+1593	proteomics_heat	638219	638263	+	2	56	K.NGEFIEITEKDTEGR.W	19
PHEAT+1594	proteomics_heat	638219	638248	+	2	17	K.NGEFIEITEK.D	14
PHEAT+1595	proteomics_heat	638264	638356	+	2	17	R.WSVFFFYPADFTFVCPTELGDVADHYEELQK.L	35
PHEAT+1596	proteomics_heat	638276	638356	+	2	2	F.FFYPADFTFVCPTELGDVADHYEELQK.L	31
PHEAT+1597	proteomics_heat	638303	638356	+	2	3	F.VCPTELGDVADHYEELQK.L	22
PHEAT+1598	proteomics_heat	638309	638356	+	2	2	C.PTELGDVADHYEELQK.L	20
PHEAT+1599	proteomics_heat	638357	638407	+	2	174	K.LGVVDVAVSTDTHTFK.A	21
PHEAT+1600	proteomics_heat	638408	638440	+	2	44	K.AWSSSETIAK.I	15
PHEAT+1601	proteomics_heat	638411	638440	+	2	3	A.WSSSETIAK.I	14
PHEAT+1602	proteomics_heat	638441	638485	+	2	5	K.IKYAMIGDPTGALTR.N	19
PHEAT+1603	proteomics_heat	638447	638485	+	2	18	K.YAMIGDPTGALTR.N	17
PHEAT+1604	proteomics_heat	638456	638485	+	2	2	M.IGDPTGALTR.N	14
PHEAT+1605	proteomics_heat	638486	638527	+	2	18	R.NFDNMREDEGLADR.A	18
PHEAT+1606	proteomics_heat	638486	638503	+	2	3	R.NFDNMR.E	10
PHEAT+1607	proteomics_heat	638525	638596	+	2	2	D.RATFVVDPQGIIQAIEVTAEGIGR.D	28
PHEAT+1608	proteomics_heat	638528	638596	+	2	377	R.ATFVVDPQGIIQAIEVTAEGIGR.D	27
PHEAT+1609	proteomics_heat	638531	638596	+	2	7	A.TFVVDPQGIIQAIEVTAEGIGR.D	26
PHEAT+1610	proteomics_heat	638537	638596	+	2	4	F.VVDPQGIIQAIEVTAEGIGR.D	24
PHEAT+1611	proteomics_heat	638546	638596	+	2	23	D.PQGIIQAIEVTAEGIGR.D	21
PHEAT+1612	proteomics_heat	638597	638617	+	2	4	R.DASDLLR.K	11

PHEAT+1613	proteomics_heat	638621	638674	+	2	2	K.IKAAQYVASHPGEVCPAK.W	22
PHEAT+1614	proteomics_heat	638627	638662	+	2	2	K.AAQYVASHPGEV.C	16
PHEAT+1615	proteomics_heat	638627	638674	+	2	85	K.AAQYVASHPGEVCPAK.W	20
PHEAT+1616	proteomics_heat	638636	638674	+	2	2	Q.YVASHPGEVCPAK.W	17
PHEAT+1617	proteomics_heat	638651	638674	+	2	3	H.PGEVCPAK.W	12
PHEAT+1618	proteomics_heat	638675	638725	+	2	17	K.WKEGEATLAPSLDLVGK.I	21
PHEAT+1619	proteomics_heat	638675	638728	+	2	38	K.WKEGEATLAPSLDLVGKI.-	22
PHEAT+1620	proteomics_heat	638681	638728	+	2	19	K.EGEATLAPSLDLVGKI.-	20
PHEAT+1621	proteomics_heat	638681	638725	+	2	11	K.EGEATLAPSLDLVGK.I	19
PHEAT+1622	proteomics_heat	639024	639071	+	3	6	K.LTKPVELIATLDDSAK.S	20
PHEAT+1623	proteomics_heat	639072	639122	+	3	2	K.SAEIKELLAIEAELSDK.V	21
PHEAT+1624	proteomics_heat	639072	639134	+	3	2	K.SAEIKELLAIEAELSDKVTFK.E	25
PHEAT+1625	proteomics_heat	639072	639158	+	3	3	K.SAEIKELLAIEAELSDKVTFKEDNSLPVR.K	33
PHEAT+1626	proteomics_heat	639087	639134	+	3	14	K.ELLAEIAELSDKVTFK.E	20
PHEAT+1627	proteomics_heat	639087	639158	+	3	16	K.ELLAEIAELSDKVTFKEDNSLPVR.K	28
PHEAT+1628	proteomics_heat	639102	639158	+	3	3	E.IAELSDKVTFKEDNSLPVR.K	23
PHEAT+1629	proteomics_heat	639159	639206	+	3	20	R.KPSFLITNPGSNQGPR.F	20
PHEAT+1630	proteomics_heat	639420	639473	+	3	3	R.IKHTAIDGGTFQNEITDR.N	22
PHEAT+1631	proteomics_heat	639426	639473	+	3	5	K.HTAIDGGTFQNEITDR.N	20
PHEAT+1632	proteomics_heat	639474	639512	+	3	4	R.NVMGVPVAVFVNGK.E	17
PHEAT+1633	proteomics_heat	639708	639764	+	3	18	R.FGGQILDVTVDIENYISVPK.T	23
PHEAT+1634	proteomics_heat	639798	639851	+	3	7	K.VHVDEYDVDVIDSQSASK.L	22
PHEAT+1635	proteomics_heat	639852	639917	+	3	7	K.LIPAAVEGGLHQIETASGAVLK.A	26
PHEAT+1636	proteomics_heat	639924	639950	+	3	3	R.SIIVATGAK.W	13
PHEAT+1637	proteomics_heat	639957	639989	+	3	3	R.NMNVPGEDQYR.T	15
PHEAT+1638	proteomics_heat	639996	640037	+	3	4	K.GVTYCPHCDGPLFK.G	18
PHEAT+1639	proteomics_heat	640047	640148	+	3	10	R.VAVIGGGNSGVEAAIDLAGEHVTLLEFAPEMK.A	38
PHEAT+1640	proteomics_heat	640149	640172	+	3	4	K.ADQVLQDK.L	12
PHEAT+1641	proteomics_heat	640188	640244	+	3	5	K.NVDIILNAQTTEVKGDGSK.V	23
PHEAT+1642	proteomics_heat	640374	640400	+	3	3	R.MGEIIDA.K	13
PHEAT+1643	proteomics_heat	640419	640460	+	3	3	K.GVFAAGDCTTVPYK.Q	18
PHEAT+1644	proteomics_heat	640461	640493	+	3	2	K.QIIATGEGAK.A	15
PHEAT+1645	proteomics_heat	653160	653213	+	3	2	R.HIPGFSQILLAGNLAQAR.M	22
PHEAT+1646	proteomics_heat	656560	656595	+	1	4	K.GFGFITPEDGSK.D	16
PHEAT+1647	proteomics_heat	656596	656640	+	1	24	K.DVFVHFSAIQTNGFK.T	19
PHEAT+1648	proteomics_heat	656641	656691	+	1	2	K.TLAEGQRVEFEITNGAK.G	21
PHEAT+1649	proteomics_heat	658323	658355	+	3	2	K.KGADVLDQAEK.L	15
PHEAT+1650	proteomics_heat	674313	674342	+	3	3	R.DIDALVEQAR.E	14
PHEAT+1651	proteomics_heat	674490	674546	+	3	2	K.ESLWQELADITDKTQLEWR.E	23
PHEAT+1652	proteomics_heat	674547	674627	+	3	6	R.EVFQDLNHHGVYHSGEVVGLGNLVCEK.C	31
PHEAT+1653	proteomics_heat	695029	695076	+	1	5	R.QLQNMNMAQLQAEIAK.H	20
PHEAT+1654	proteomics_heat	695092	695139	+	1	2	R.LGYVTPLAAGAFPLTR.R	20
PHEAT+1655	proteomics_heat	695143	695241	+	1	2	R.HALQYVQPGLALVGDAAHTIHLPLAGQGVNLGYR.D	37
PHEAT+1656	proteomics_heat	703203	703253	+	3	6	R.ALQLPIAVLPVAALLLR.F	21
PHEAT+1657	proteomics_heat	704571	704630	+	3	2	R.GPVAAASAEATPATAAPVAK.P	24
PHEAT+1658	proteomics_heat	704736	704774	+	3	4	K.AVGDDGVAVKPTDK.I	17

PHEAT+1659	proteomics_heat	704811	704852	+	3	4	K.IFNTNHAFCLETEK.G	18
PHEAT+1660	proteomics_heat	704919	704999	+	3	3	R.LVEEGAQVSAGQPILEMDLDYLNANAR.S	31
PHEAT+1661	proteomics_heat	705000	705059	+	3	4	R.SMISPVVCSNIDDFSGLIK.A	24
PHEAT+1662	proteomics_heat	705060	705110	+	3	2	K.AQGHIVAGQTPLYEIKK.-	21
PHEAT+1663	proteomics_heat	705060	705107	+	3	6	K.AQGHIVAGQTPLYEIK.K	20
PHEAT+1664	proteomics_heat	705319	705354	+	1	2	M.SEAEARPTNFIR.Q	16
PHEAT+1665	proteomics_heat	705355	705387	+	1	5	R.QIILEDLASGK.H	15
PHEAT+1666	proteomics_heat	705409	705453	+	1	4	R.FPPEPNGYLHIGHAK.S	19
PHEAT+1667	proteomics_heat	705454	705492	+	1	3	K.SICLNFGIAQDYK.G	17
PHEAT+1668	proteomics_heat	705610	705666	+	1	14	R.YSSDYFDQLHAYAIELINK.G	23
PHEAT+1669	proteomics_heat	705667	705708	+	1	2	K.GLAYVDELTPEQIR.E	18
PHEAT+1670	proteomics_heat	705838	705876	+	1	2	R.AKIDMASPFIVMR.D	17
PHEAT+1671	proteomics_heat	705931	705999	+	1	2	K.WCIYPMYDFTHCISDALEGITHS.L	27
PHEAT+1672	proteomics_heat	706033	706080	+	1	9	R.LYDWVLDNITIPVHPR.Q	20
PHEAT+1673	proteomics_heat	706132	706158	+	1	3	R.KLNLLVTDK.H	13
PHEAT+1674	proteomics_heat	706135	706158	+	1	3	K.LNLLVTDK.H	12
PHEAT+1675	proteomics_heat	706270	706314	+	1	5	K.QDNTIEMASLESCIR.E	19
PHEAT+1676	proteomics_heat	706315	706341	+	1	3	R.EDLNENAPR.A	13
PHEAT+1677	proteomics_heat	706342	706368	+	1	3	R.AMAVIDPVK.L	13
PHEAT+1678	proteomics_heat	706369	706449	+	1	11	K.LVIENYQGEEMVTMPNHPNKPEMGSR.Q	31
PHEAT+1679	proteomics_heat	706678	706728	+	1	4	K.GVIHWVSAHALPVEIR.L	21
PHEAT+1680	proteomics_heat	706741	706815	+	1	15	R.LFSVPNPGAADDFLSVINPESLVIK.Q	29
PHEAT+1681	proteomics_heat	706741	706791	+	1	3	R.LFSVPNPGAADDFLSVI.N	21
PHEAT+1682	proteomics_heat	706816	706860	+	1	4	K.QGFAEPSLKDAVAGK.A	19
PHEAT+1683	proteomics_heat	712216	712266	+	1	7	K.TIEVDDELYSYIASHTK.H	21
PHEAT+1684	proteomics_heat	712267	712299	+	1	7	K.HIGESASDILR.R	15
PHEAT+1685	proteomics_heat	712312	712350	+	1	3	K.FSAASQPAAPVTK.E	17
PHEAT+1686	proteomics_heat	712360	712398	+	1	6	R.VASPAIVEAKPVK.T	17
PHEAT+1687	proteomics_heat	712429	712467	+	1	4	R.ELLSDEYAEQKR.A	17
PHEAT+1688	proteomics_heat	712624	712674	+	1	8	K.HVPGTPYWVITNTNTGR.K	21
PHEAT+1689	proteomics_heat	712678	712737	+	1	5	K.CSMIEHIMQSMQFPAELIEK.V	24
PHEAT+1690	proteomics_heat	712799	712903	+	2	10	R.AGQPAQQSDLINVAQLTAQYVVLKPEAGNAEHAVK.F	39
PHEAT+1691	proteomics_heat	712940	712996	+	2	7	R.HSFNEPHILAIAQAIAER.A	23
PHEAT+1692	proteomics_heat	713003	713035	+	2	2	K.NGITGPCYVGK.D	15
PHEAT+1693	proteomics_heat	713177	713248	+	2	7	K.KGGPLADGIVITPSHNPPEDGGIK.Y	28
PHEAT+1694	proteomics_heat	713309	713338	+	2	4	R.ANALLADGLK.G	14
PHEAT+1695	proteomics_heat	713351	713389	+	2	4	R.ISLDEAMASGHVK.E	17
PHEAT+1696	proteomics_heat	713390	713458	+	2	22	K.EQDLVQPFVEGLADIVDMAAIQK.A	27
PHEAT+1697	proteomics_heat	713459	713515	+	2	4	K.AGLTLGVDPLGGSGIEYWK.R	23
PHEAT+1698	proteomics_heat	713615	713662	+	2	5	R.MDCSSECAMAGLLALR.D	20
PHEAT+1699	proteomics_heat	713663	713707	+	2	3	R.DKFDLAFANDPDYDR.H	19
PHEAT+1700	proteomics_heat	713708	713755	+	2	3	R.HGIVTPAGLMNPNHYL.A	20
PHEAT+1701	proteomics_heat	713708	713758	+	2	3	R.HGIVTPAGLMNPNHYLA.V	21
PHEAT+1702	proteomics_heat	713978	714061	+	2	11	R.FDGTWPSTDKDGIIMCLLAAEITAVTGK.N	32
PHEAT+1703	proteomics_heat	714062	714094	+	2	8	K.NPQEHYNELAK.R	15
PHEAT+1704	proteomics_heat	714167	714223	+	2	5	K.LSPEMVSASTLAGDPITAR.L	23

PHEAT+1705	proteomics_heat	714224	714268	+	2	3	R.LTAAPGNGASIGGLK.V	19
PHEAT+1706	proteomics_heat	714296	714328	+	2	2	A.ARPSGTEDAYK.I	15
PHEAT+1707	proteomics_heat	714329	714367	+	2	6	K.IYCESFLGEEHRK.Q	17
PHEAT+1708	proteomics_heat	714380	714412	+	2	2	K.EAVEIVSEVLK.N	15
PHEAT+1709	proteomics_heat	742050	742088	+	3	9	K.MKNTELEQLINEK.L	17
PHEAT+1710	proteomics_heat	742056	742088	+	3	2	K.NTELEQLINEK.L	15
PHEAT+1711	proteomics_heat	742089	742145	+	3	3	K.LNSAAISDYAPNGLQVEGK.E	23
PHEAT+1712	proteomics_heat	742161	742211	+	3	6	K.IVTGVTASQALLDEAVR.L	21
PHEAT+1713	proteomics_heat	742212	742256	+	3	3	R.LGADAVIVHHGYFWK.G	19
PHEAT+1714	proteomics_heat	742506	742550	+	3	9	R.KPLWCGDTPPEVVQR.V	19
PHEAT+1715	proteomics_heat	742551	742601	+	3	4	R.VAWCTGGGQSFIDSAAR.F	21
PHEAT+1716	proteomics_heat	742602	742661	+	3	2	R.FGVDAFITGEVSEQTIHSAR.E	24
PHEAT+1717	proteomics_heat	742620	742661	+	3	2	F.ITGEVSEQTIHSAR.E	18
PHEAT+1718	proteomics_heat	742924	742989	+	1	3	R.LVDMPNVVEAIPGMNITVILR.N	26
PHEAT+1719	proteomics_heat	743074	743157	+	1	2	R.FIEIPVYGGAGGPD LAVVAHCLSEK.Q	32
PHEAT+1720	proteomics_heat	744051	744083	+	3	2	R.SPWQLSSQSNR.M	15
PHEAT+1721	proteomics_heat	744237	744335	+	3	7	R.IACIIEADMYHLAQIPLGQPIHFVQCSLEEALK.A	37
PHEAT+1722	proteomics_heat	744282	744335	+	3	2	I.PLGQPIHFVQCSLEEALK.A	22
PHEAT+1723	proteomics_heat	745386	745421	+	3	2	R.VVDTGEEPQTTR.V	16
PHEAT+1724	proteomics_heat	745533	745580	+	3	2	R.VGPDVLDPNLTPEVVK.E	20
PHEAT+1725	proteomics_heat	745722	745778	+	3	2	K.DLNAAQLDALAHALLEIPR.F	23
PHEAT+1726	proteomics_heat	754783	754812	+	1	3	R.MVSNASALGR.N	14
PHEAT+1727	proteomics_heat	754786	754812	+	1	4	M.VSNASALGR.N	13
PHEAT+1728	proteomics_heat	755148	755192	+	3	7	R.EFDVAVIGAGGAGMR.A	19
PHEAT+1729	proteomics_heat	755193	755243	+	3	25	R.AALQISQSGQTCALLSK.V	21
PHEAT+1730	proteomics_heat	755352	755399	+	3	10	K.GSDYIGDQDAIEMCK.T	20
PHEAT+1731	proteomics_heat	755400	755453	+	3	21	K.TGPEAILELHMGLPFSR.L	22
PHEAT+1732	proteomics_heat	755400	755447	+	3	3	K.TGPEAILELHMGLPFS	20
PHEAT+1733	proteomics_heat	755469	755501	+	3	9	R.IYQRPFGGQSK.N	15
PHEAT+1734	proteomics_heat	755502	755528	+	3	3	K.NFGGEQAAR.T	13
PHEAT+1735	proteomics_heat	755550	755594	+	3	2	R.TGHALLHTLYQQNLK.N	19
PHEAT+1736	proteomics_heat	755559	755594	+	3	2	H.ALLHTLYQQNLK.N	16
PHEAT+1737	proteomics_heat	755595	755642	+	3	45	K.NHTTIFSEWYALDLVK.N	20
PHEAT+1738	proteomics_heat	755718	755750	+	3	6	R.ATVLATGGAGR.I	15
PHEAT+1739	proteomics_heat	755751	755813	+	3	2	R.IYQSTTNAHINTGDGVGM AIR.A	25
PHEAT+1740	proteomics_heat	755814	755903	+	3	26	R.AGVPVQDMEMWQFHPTGIAGAGVLVTEGCR.G	34
PHEAT+1741	proteomics_heat	755904	755930	+	3	2	R.GEGGYLLNK.H	13
PHEAT+1742	proteomics_heat	756033	756065	+	3	4	R.GCDGPWGP HAK.L	15
PHEAT+1743	proteomics_heat	756108	756134	+	3	3	R.LPGILELSR.T	13
PHEAT+1744	proteomics_heat	756135	756218	+	3	17	R.TFAHVDPVKEIPV IPTCHYMMGGIPTK.V	32
PHEAT+1745	proteomics_heat	756135	756191	+	3	2	R.TFAHVDPVKEIPV IPTCH.Y	23
PHEAT+1746	proteomics_heat	756135	756197	+	3	5	R.TFAHVDPVKEIPV IPTCHYM.M	25
PHEAT+1747	proteomics_heat	756138	756218	+	3	2	T.FAHVDPVKEIPV IPTCHYMMGGIPTK.V	31
PHEAT+1748	proteomics_heat	756219	756251	+	3	4	K.VTGQALTVNEK.G	15
PHEAT+1749	proteomics_heat	756252	756326	+	3	3	K.GEDVVVPGLFAVGEIACVSVHGANR.L	29
PHEAT+1750	proteomics_heat	756327	756368	+	3	18	R.LGGNSLLDLVVFGR.A	18

PHEAT+1751	proteomics_heat	756369	756419	+	3	125	R.AAGLHLQESIAEQGALR.D	21
PHEAT+1752	proteomics_heat	756420	756458	+	3	41	R.DASESDVEASLDR.L	17
PHEAT+1753	proteomics_heat	756483	756512	+	3	5	R.NGEDPVAIRK.A	14
PHEAT+1754	proteomics_heat	756510	756554	+	3	3	R.KALQECMQHNFSVFR.E	19
PHEAT+1755	proteomics_heat	756513	756554	+	3	15	K.ALQECMQHNFSVFR.E	18
PHEAT+1756	proteomics_heat	756624	756659	+	3	20	R.LDDTSSEFNTQR.V	16
PHEAT+1757	proteomics_heat	756660	756728	+	3	130	R.VECLELDNLMETAYATAVSANFR.T	27
PHEAT+1758	proteomics_heat	756756	756833	+	3	7	R.FDFPDRDDENWLCHSLYLPESISMTR.R	30
PHEAT+1759	proteomics_heat	756756	756797	+	3	2	R.FDFPDRDDENWLCH.S	18
PHEAT+1760	proteomics_heat	756912	756938	+	3	3	K.MRLEFSIYR.Y	13
PHEAT+1761	proteomics_heat	756939	756968	+	3	3	R.YNPVDDAPR.M	14
PHEAT+1762	proteomics_heat	756969	757040	+	3	17	R.MQDYTLEADEGRDMMLLDALIQLK.E	28
PHEAT+1763	proteomics_heat	756969	757004	+	3	5	R.MQDYTLEADEGR.D	16
PHEAT+1764	proteomics_heat	757005	757040	+	3	4	R.DMMLLDALIQLK.E	16
PHEAT+1765	proteomics_heat	757080	757121	+	3	7	R.EGVCGSDGLNMNGK.N	18
PHEAT+1766	proteomics_heat	757122	757175	+	3	13	K.NGLACITPISALNQPQK.I	22
PHEAT+1767	proteomics_heat	757122	757172	+	3	2	K.NGLACITPISALNQPQK.K	21
PHEAT+1768	proteomics_heat	757173	757214	+	3	2	K.KIVIRPLPGLPVIR.D	18
PHEAT+1769	proteomics_heat	757176	757199	+	3	2	K.IVIRPLPG.L	12
PHEAT+1770	proteomics_heat	757176	757214	+	3	7	K.IVIRPLPGLPVIR.D	17
PHEAT+1771	proteomics_heat	757215	757259	+	3	35	R.DLVVDMGQFYAQYEK.I	19
PHEAT+1772	proteomics_heat	757260	757304	+	3	25	K.IKPYLLNNGQNPPAR.E	19
PHEAT+1773	proteomics_heat	757272	757304	+	3	2	Y.LLNNGQNPPAR.E	15
PHEAT+1774	proteomics_heat	757305	757331	+	3	10	R.EHLQMPEQR.E	13
PHEAT+1775	proteomics_heat	757416	757451	+	3	4	K.FIGPAGLLAAYR.F	16
PHEAT+1776	proteomics_heat	757470	757526	+	3	5	R.DTETDSRLDGLSDAFSVFR.C	23
PHEAT+1777	proteomics_heat	757491	757526	+	3	6	R.LDGLSDAFSVFR.C	16
PHEAT+1778	proteomics_heat	757527	757565	+	3	3	R.CHSIMNCVSVCPK.G	17
PHEAT+1779	proteomics_heat	758055	758117	+	3	16	R.STFQQLPGTGVKPDQFHSQTR.E	25
PHEAT+1780	proteomics_heat	758154	758192	+	3	8	R.YSSTISDPDTNVK.Q	17
PHEAT+1781	proteomics_heat	758202	758228	+	3	4	K.VLQLINAYR.F	13
PHEAT+1782	proteomics_heat	758235	758285	+	3	6	R.GHQHANLDPLGLWQQDK.V	21
PHEAT+1783	proteomics_heat	758286	758372	+	3	53	K.VADLDPSFHDLTLEADFQETFNVGSFASGK.E	33
PHEAT+1784	proteomics_heat	758385	758411	+	3	2	K.LGELLEALK.Q	13
PHEAT+1785	proteomics_heat	758412	758474	+	3	10	K.QTYCGPIGAEYMHITSTEEKR.W	25
PHEAT+1786	proteomics_heat	758505	758528	+	3	2	R.ATFNSEEK.K	12
PHEAT+1787	proteomics_heat	758535	758573	+	3	4	R.FLSELTAAEGLER.Y	17
PHEAT+1788	proteomics_heat	758604	758648	+	3	3	K.RFSLEGGDALIPMLK.E	19
PHEAT+1789	proteomics_heat	758607	758648	+	3	3	R.FSLEGGDALIPMLK.E	18
PHEAT+1790	proteomics_heat	758685	758711	+	3	6	R.EVVLGMAHR.G	13
PHEAT+1791	proteomics_heat	758712	758747	+	3	2	R.GRLNVLVNVLGK.K	16
PHEAT+1792	proteomics_heat	758718	758747	+	3	4	R.LNVLVNVLGK.K	14
PHEAT+1793	proteomics_heat	758748	758783	+	3	8	K.KPQDLFDEFAGK.H	16
PHEAT+1794	proteomics_heat	758790	758816	+	3	5	K.EHLGTGDVK.Y	13
PHEAT+1795	proteomics_heat	758817	758867	+	3	3	K.YHMGFSSDFQTDGGLVH.L	21
PHEAT+1796	proteomics_heat	758868	758933	+	3	3	H.LALAFNPShLEIVSPVVIGSVR.A	26

PHEAT+1797	proteomics_heat	758874	758933	+	3	3	A.LAFNPISHLEIVSPVVIGSVR.A	24
PHEAT+1798	proteomics_heat	758940	758972	+	3	7	R.LDRLEPSSNK.V	15
PHEAT+1799	proteomics_heat	758973	759050	+	3	103	K.VLPITIHGDAAVTGQGVVQETLNMSK.A	30
PHEAT+1800	proteomics_heat	759084	759137	+	3	16	R.IVINNVQVGFSTSNPLDAR.S	22
PHEAT+1801	proteomics_heat	759168	759233	+	3	9	K.MVQAPIFHVNADDPEAVAFVTR.L	26
PHEAT+1802	proteomics_heat	759267	759296	+	3	3	R.DVFIDLVCYR.R	14
PHEAT+1803	proteomics_heat	759300	759356	+	3	4	R.HGHNEADEPSATQPLMYQK.I	23
PHEAT+1804	proteomics_heat	759381	759413	+	3	5	R.KIYADKLEQEK.V	15
PHEAT+1805	proteomics_heat	759384	759413	+	3	5	K.IYADKLEQEK.V	14
PHEAT+1806	proteomics_heat	759414	759458	+	3	12	K.VATLEDATEMVNLYR.D	19
PHEAT+1807	proteomics_heat	759606	759647	+	3	3	K.RISTVPEAVEMQSR.V	18
PHEAT+1808	proteomics_heat	759609	759647	+	3	4	R.ISTVPEAVEMQSR.V	17
PHEAT+1809	proteomics_heat	759696	759764	+	3	25	K.LFDWGGAEENLAYATLVDEGIPVR.L	27
PHEAT+1810	proteomics_heat	759888	759959	+	3	6	R.VWDSVLSEEAVLAFEGYATAEPR.T	28
PHEAT+1811	proteomics_heat	760059	760127	+	3	17	R.MCGLVMLLPHGYEGQGPEHSSAR.L	27
PHEAT+1812	proteomics_heat	760089	760127	+	3	2	H.GYEGQGPEHSSAR.L	17
PHEAT+1813	proteomics_heat	760137	760214	+	3	5	R.YLQLCAEQNMQVCVPSTPAQVYHMLR.R	30
PHEAT+1814	proteomics_heat	760278	760364	+	3	27	R.HPLAVSSLEELANGTFLPAIGEIDELDPK.G	33
PHEAT+1815	proteomics_heat	760374	760397	+	3	2	K.RVVMCSGK.V	12
PHEAT+1816	proteomics_heat	760398	760424	+	3	3	K.VYYDLLEQR.R	13
PHEAT+1817	proteomics_heat	760431	760460	+	3	9	K.NNQHDVAIVR.I	14
PHEAT+1818	proteomics_heat	760461	760490	+	3	7	R.IEQLYFPFHK.A	14
PHEAT+1819	proteomics_heat	760491	760529	+	3	11	K.AMQEVLQQFAHVK.D	17
PHEAT+1820	proteomics_heat	760530	760598	+	3	3	K.DFVWCQEEPLNQGAWYCSQHHR.E	27
PHEAT+1821	proteomics_heat	760629	760688	+	3	7	R.YAGRPASASPAVGYMSVHVK.Q	24
PHEAT+1822	proteomics_heat	760629	760661	+	3	2	R.YAGRPASASPA.V	15
PHEAT+1823	proteomics_heat	760641	760688	+	3	2	R.PASASPAVGYMSVHVK.Q	20
PHEAT+1824	proteomics_heat	760748	760819	+	2	12	M.SSVDILVPDLPESVADATVATWHK.K	28
PHEAT+1825	proteomics_heat	760820	760843	+	2	7	K.KPGDAVVR.D	12
PHEAT+1826	proteomics_heat	761045	761101	+	2	4	Q.RQQASLEEQNNDALSPAIR.R	23
PHEAT+1827	proteomics_heat	761048	761101	+	2	10	R.QQASLEEQNNDALSPAIR.R	22
PHEAT+1828	proteomics_heat	761102	761143	+	2	3	R.RLLAEHNLDASAIK.G	18
PHEAT+1829	proteomics_heat	761105	761143	+	2	14	R.LLAEHNLDASAIK.G	17
PHEAT+1830	proteomics_heat	761105	761149	+	2	2	R.LLAEHNLDASAIKGT.G	19
PHEAT+1831	proteomics_heat	761201	761266	+	2	4	K.APAKESAPAAAAPAAQPALAAR.S	26
PHEAT+1832	proteomics_heat	761213	761266	+	2	21	K.ESAPAAAAPAAQPALAAR.S	22
PHEAT+1833	proteomics_heat	761333	761395	+	2	27	K.NSTAMLTTFNEVNMKPIMDLR.K	25
PHEAT+1834	proteomics_heat	761396	761422	+	2	8	R.KQYGEAFEK.R	13
PHEAT+1835	proteomics_heat	761396	761425	+	2	3	R.KQYGEAFEKR.H	14
PHEAT+1836	proteomics_heat	761438	761464	+	2	3	R.LGFMSFYVK.A	13
PHEAT+1837	proteomics_heat	761489	761575	+	2	28	R.YPEVNASIDGDDVVYHNYFDVSMVSTPR.G	33
PHEAT+1838	proteomics_heat	761489	761536	+	2	3	R.YPEVNASIDGDDVVYH.N	20
PHEAT+1839	proteomics_heat	761600	761635	+	2	13	R.DVDTLGMADIEK.K	16
PHEAT+1840	proteomics_heat	761600	761638	+	2	4	R.DVDTLGMADIEKK.I	17
PHEAT+1841	proteomics_heat	761801	761875	+	2	44	K.DRPMVNGQVEILPMMYLALSVDHR.L	29
PHEAT+1842	proteomics_heat	762237	762263	+	3	18	H.MNLHEYQAK.Q	13

PHEAT+1843	proteomics_heat	762279	762323	+	3	15	R.YGLPAPVGYACTTPR.E	19
PHEAT+1844	proteomics_heat	762348	762374	+	3	2	K.IGAGPWVVK.C	13
PHEAT+1845	proteomics_heat	762420	762446	+	3	2	K.VVNSKEDIR.A	13
PHEAT+1846	proteomics_heat	762447	762476	+	3	3	R.AFAENWLGKR.L	14
PHEAT+1847	proteomics_heat	762447	762473	+	3	4	R.AFAENWLGK.R	13
PHEAT+1848	proteomics_heat	762474	762554	+	3	10	K.RLVTYQTDANGQPVNQILVEAATDIAK.E	31
PHEAT+1849	proteomics_heat	762477	762554	+	3	24	R.LVTYQTDANGQPVNQILVEAATDIAK.E	30
PHEAT+1850	proteomics_heat	762555	762584	+	3	5	K.ELYLGAVVDR.S	14
PHEAT+1851	proteomics_heat	762642	762674	+	3	9	K.VAEETPHLIHK.V	15
PHEAT+1852	proteomics_heat	762675	762719	+	3	13	K.VALDPLTGMPYQGR.E	19
PHEAT+1853	proteomics_heat	762774	762809	+	3	15	K.IFMGLATIFLER.D	16
PHEAT+1854	proteomics_heat	762810	762851	+	3	16	R.DLALIEINPLVITK.Q	18
PHEAT+1855	proteomics_heat	762852	762881	+	3	2	K.QGDLICLDGK.L	14
PHEAT+1856	proteomics_heat	762882	762911	+	3	6	K.LGADGNALFR.Q	14
PHEAT+1857	proteomics_heat	763068	763121	+	3	29	K.LHGGEPANFLDVGGGATK.E	22
PHEAT+1858	proteomics_heat	763146	763172	+	3	8	K.IILSDDKVK.A	13
PHEAT+1859	proteomics_heat	763173	763208	+	3	10	K.AVLVNIFGGIVR.C	16
PHEAT+1860	proteomics_heat	763209	763280	+	3	54	R.CDLIADGIIGAVAEGVNVPPVVR.L	28
PHEAT+1861	proteomics_heat	763281	763313	+	3	2	R.LEGNNALGAK.K	15
PHEAT+1862	proteomics_heat	763314	763352	+	3	14	K.KLADSGLNIAAK.G	17
PHEAT+1863	proteomics_heat	763317	763352	+	3	3	K.LADSGLNIAAK.G	16
PHEAT+1864	proteomics_heat	763353	763400	+	3	15	K.GLTDAAQQVVAVEGK.-	20
PHEAT+1865	proteomics_heat	763406	763432	+	2	5	M.SILIDKNTK.V	13
PHEAT+1866	proteomics_heat	763433	763504	+	2	20	K.VICQGFTGSQGFHSEQAIAYGTK.M	28
PHEAT+1867	proteomics_heat	763451	763504	+	2	3	F.TGSQGFHSEQAIAYGTK.M	22
PHEAT+1868	proteomics_heat	763505	763531	+	2	2	K.MVGGVTPGK.G	13
PHEAT+1869	proteomics_heat	763532	763576	+	2	30	K.GGTTHLGLPVFNTVR.E	19
PHEAT+1870	proteomics_heat	763532	763564	+	2	2	K.GGTTHLGLPVF.N	15
PHEAT+1871	proteomics_heat	763577	763639	+	2	10	R.EAVAATGATASVIYVPAPFCK.D	25
PHEAT+1872	proteomics_heat	763640	763675	+	2	4	K.DSILEAIDAGIK.L	16
PHEAT+1873	proteomics_heat	763676	763729	+	2	61	K.LIITITEGIPTLDMLTVK.V	22
PHEAT+1874	proteomics_heat	763730	763756	+	2	6	K.VKLDEAGVR.M	13
PHEAT+1875	proteomics_heat	763754	763804	+	2	2	V.RMIGPNCPGVITPGECK.I	21
PHEAT+1876	proteomics_heat	763757	763804	+	2	11	R.MIGPNCPGVITPGECK.I	20
PHEAT+1877	proteomics_heat	763805	763831	+	2	3	K.IGIQPGHIH.K	13
PHEAT+1878	proteomics_heat	763994	764071	+	2	8	K.DPQTEAIVMIGEIGGSAEEEEAAAYIK.E	30
PHEAT+1879	proteomics_heat	764072	764125	+	2	7	K.EHVTKPVVGVIAGVTAPK.G	22
PHEAT+1880	proteomics_heat	764072	764101	+	2	6	K.EHVTKPVVGVI	14
PHEAT+1881	proteomics_heat	764135	764170	+	2	11	R.MGHAGAIAGGK.G	16
PHEAT+1882	proteomics_heat	764189	764218	+	2	6	K.FAALAAAGVK.T	14
PHEAT+1883	proteomics_heat	764228	764257	+	2	5	R.SLADIGEALK.T	14
PHEAT+1884	proteomics_heat	771176	771229	+	2	11	R.MEMVSFSELVLPVAQVK.F	22
PHEAT+1885	proteomics_heat	771437	771529	+	2	4	K.LAAIEAEWETQPAPAAFTLFGIPDQEETNK.F	35
PHEAT+1886	proteomics_heat	771575	771604	+	2	2	R.SVDTPVIGLK.E	14
PHEAT+1887	proteomics_heat	771605	771631	+	2	7	K.ELMVQHEER.I	13
PHEAT+1888	proteomics_heat	771758	771811	+	2	6	R.YTPNVADATEAQIQQATK.D	22

PHEAT+1889	proteomics_heat	772205	772246	+	2	9	R.YHFEQSSTTTQPAR.-	18
PHEAT+1890	proteomics_heat	772961	773002	+	2	9	K.STMDHYAASNPLNK.E	18
PHEAT+1891	proteomics_heat	774260	774328	+	2	18	R.IVNAENTLLNEAEVLVVCVDPLK.M	27
PHEAT+1892	proteomics_heat	774568	774594	+	1	4	R.LYQESQGKR.D	13
PHEAT+1893	proteomics_heat	774595	774639	+	1	3	R.DNLTGSEQIFYSGFK.E	19
PHEAT+1894	proteomics_heat	774661	774705	+	1	9	R.ANSHAPEAVVEGASR.A	19
PHEAT+1895	proteomics_heat	774970	775032	+	1	9	R.VNKLELNYDNFMEEFTAILHR.Q	25
PHEAT+1896	proteomics_heat	775033	775065	+	1	2	R.QAFTVSESNKG.-	15
PHEAT+1897	proteomics_heat	775438	775470	+	1	4	K.ALNLLHSAGVK.S	15
PHEAT+1898	proteomics_heat	776117	776146	+	2	2	K.KAEAAAAALK.K	14
PHEAT+1899	proteomics_heat	776117	776149	+	2	2	K.KAEAAAAALKK.K	15
PHEAT+1900	proteomics_heat	776120	776149	+	2	2	K.AEAAAAALKK.K	14
PHEAT+1901	proteomics_heat	776150	776188	+	2	3	K.KAEAAEAAAAEAR.K	17
PHEAT+1902	proteomics_heat	776432	776479	+	2	2	K.AAAEADDIFGELSSGK.N	20
PHEAT+1903	proteomics_heat	776549	776599	+	2	2	K.NNGASGADINNYAGQIK.S	21
PHEAT+1904	proteomics_heat	776762	776803	+	2	4	K.IPKPPSQAVYEVFK.N	18
PHEAT+1905	proteomics_heat	777035	777151	+	2	9	R.IVIDSGVDSGRPIGVVFPQWAGPGAAPEDIGGIVAADLR.N	43
PHEAT+1906	proteomics_heat	777389	777427	+	2	16	R.YAGHTASDEVFEK.L	17
PHEAT+1907	proteomics_heat	777461	777511	+	2	11	R.IAYVVQTNGGQFPYELR.V	21
PHEAT+1908	proteomics_heat	777470	777511	+	2	2	Y.VVQTNGGQFPYELR.V	18
PHEAT+1909	proteomics_heat	777512	777553	+	2	6	R.VSDYDGYNQFVVHR.S	18
PHEAT+1910	proteomics_heat	777554	777601	+	2	3	R.SPQPLMSPAWSPDGSK.L	20
PHEAT+1911	proteomics_heat	777602	777631	+	2	2	K.LAYVTFESGR.S	14
PHEAT+1912	proteomics_heat	777632	777673	+	2	6	R.SALVIQTLANGAVR.Q	18
PHEAT+1913	proteomics_heat	777695	777733	+	2	14	R.HNGAPAFSPDGSK.L	17
PHEAT+1914	proteomics_heat	777755	777805	+	2	31	K.TGSLNLYVMDLASGQIR.Q	21
PHEAT+1915	proteomics_heat	777824	777910	+	2	5	R.SNNTPTWFPDSQNLAFSTSDQAGRPQVYK.V	33
PHEAT+1916	proteomics_heat	777911	777940	+	2	4	K.VNINGGAPQR.I	14
PHEAT+1917	proteomics_heat	777941	777994	+	2	18	R.ITWEGSQNQDADVSSDGK.F	22
PHEAT+1918	proteomics_heat	777995	778042	+	2	9	K.FMVMVSSNGGQQHIAK.Q	20
PHEAT+1919	proteomics_heat	778196	778228	+	2	3	K.ARLPATDGQVK.F	15
PHEAT+1920	proteomics_heat	778196	778252	+	2	2	K.ARLPATDGQVKFPAWSPYL.-	23
PHEAT+1921	proteomics_heat	778202	778228	+	2	4	R.LPATDGQVK.F	13
PHEAT+1922	proteomics_heat	778368	778466	+	3	12	K.NASNDGSEGMLGAGTGMDANGGNGNMSSEEQAR.L	37
PHEAT+1923	proteomics_heat	778422	778466	+	3	2	D.ANGGNGNMSSEEQAR.L	19
PHEAT+1924	proteomics_heat	778467	778532	+	3	28	R.LQMQLQNNIVYFDLDKYDIR.S	26
PHEAT+1925	proteomics_heat	778533	778577	+	3	16	R.SDFAQMLDAHANFLR.S	19
PHEAT+1926	proteomics_heat	778596	778625	+	3	13	K.VTVEGHADER.G	14
PHEAT+1927	proteomics_heat	778626	778661	+	3	2	R.GTPEYNISLGER.R	16
PHEAT+1928	proteomics_heat	778698	778739	+	3	6	K.GVSADQISIVSYGK.E	18
PHEAT+1929	proteomics_heat	778740	778784	+	3	13	K.EKPAVLGHDEAAYSK.N	19
PHEAT+1930	proteomics_heat	778962	779042	+	3	8	R.ISNAHSQLLTQLQQQLSDNQSDIDSLR.G	31
PHEAT+1931	proteomics_heat	779043	779090	+	3	6	R.GQIQENQYQLNQVVER.Q	20
PHEAT+1932	proteomics_heat	779097	779234	+	3	2	K.QILLQIDSLSSGGAAQSTSGDQSGAAAATTPTADAGTANAGAPVK.S	50
PHEAT+1933	proteomics_heat	779235	779288	+	3	3	K.SGNANTDYNAIALVQDK.S	22
PHEAT+1934	proteomics_heat	779289	779333	+	3	9	K.SRQDDAMVAFQNFVK.N	19

PHEAT+1935	proteomics_heat	779334	779399	+	3	5	K.NYPDSTYLPNANYWLGQLNYNK.G	26
PHEAT+1936	proteomics_heat	779400	779444	+	3	3	K.GKKDDAAYYFASVVK.N	19
PHEAT+1937	proteomics_heat	779406	779444	+	3	5	K.KDDAAYYFASVVK.N	17
PHEAT+1938	proteomics_heat	779487	779510	+	3	2	K.VGVIMQDK.G	12
PHEAT+1939	proteomics_heat	779487	779525	+	3	3	K.VGVIMQDKGDTAK.A	17
PHEAT+1940	proteomics_heat	779532	779558	+	3	3	K.AVYQQVISK.Y	13
PHEAT+1941	proteomics_heat	781428	781526	+	3	5	R.NAVMVAHYTDPETIQQLAEETGGCISDSLEMAR.F	37
PHEAT+1942	proteomics_heat	781539	781574	+	3	4	K.HPASTLLVAGVR.F	16
PHEAT+1943	proteomics_heat	781614	781709	+	3	2	K.TILMPTLQAECLDLGCPVEEFNAFCDAHPDR.T	36
PHEAT+1944	proteomics_heat	781947	782060	+	3	8	R.LQEEYPDAAILVHPESPQAIIVDMADAVGSTSQLIAAAK.T	42
PHEAT+1945	proteomics_heat	782115	782183	+	3	4	K.MQQAVPDKELLEAPTAGEGATCR.S	27
PHEAT+1946	proteomics_heat	782184	782285	+	3	3	R.SCAHCPWMAMNGLQIAEAELEQEGSNHEVHVDL.L	38
PHEAT+1947	proteomics_heat	784856	784882	+	2	4	D.MNYQNDDL.R.I	13
PHEAT+1948	proteomics_heat	784898	784930	+	2	3	K.ELLPPVALLEK.F	15
PHEAT+1949	proteomics_heat	784898	784975	+	2	6	K.ELLPPVALLEKFPATENAANTVAHAR.K	30
PHEAT+1950	proteomics_heat	784931	784975	+	2	24	K.FPATENAANTVAHAR.K	19
PHEAT+1951	proteomics_heat	785015	785065	+	2	3	R.LLVVIGPCSIHDPVAAK.E	21
PHEAT+1952	proteomics_heat	785081	785131	+	2	18	R.LLALREELKDELEIVMR.V	21
PHEAT+1953	proteomics_heat	785096	785131	+	2	6	R.EELKDELEIVMR.V	16
PHEAT+1954	proteomics_heat	785132	785152	+	2	3	R.VYFEKPR.T	11
PHEAT+1955	proteomics_heat	785132	785152	+	2	3	R.VYFEKPR.T	11
PHEAT+1956	proteomics_heat	785171	785227	+	2	9	K.GLINDPHMDNSFQINDGLR.I	23
PHEAT+1957	proteomics_heat	785237	785290	+	2	3	R.KLLLDINDSGLPAAGEFL.D	22
PHEAT+1958	proteomics_heat	785294	785350	+	2	2	D.MITPQYLADLMSWGAIGAR.T	23
PHEAT+1959	proteomics_heat	785351	785374	+	2	2	R.TTESQVHR.E	12
PHEAT+1960	proteomics_heat	785375	785413	+	2	4	R.ELASGLSCPVGFK.N	17
PHEAT+1961	proteomics_heat	785438	785497	+	2	11	K.VAIDAINAAGAPHCFLSVTK.W	24
PHEAT+1962	proteomics_heat	785498	785557	+	2	6	K.WGHSAINVTSGNGDCHIILR.G	24
PHEAT+1963	proteomics_heat	785498	785545	+	2	3	K.WGHSAINVTSGNGDCHIILR.G	20
PHEAT+1964	proteomics_heat	785507	785557	+	2	2	H.SAINVTSGNGDCHIILR.G	21
PHEAT+1965	proteomics_heat	785621	785674	+	2	11	K.AGLPAQVMIDFSHANSSK.Q	22
PHEAT+1966	proteomics_heat	785684	785737	+	2	7	K.KQMDVCADVCQQIAGGEK.A	22
PHEAT+1967	proteomics_heat	785738	785821	+	2	20	K.AIIGVMVESHVLEGNQSLESGEPLAYGK.S	32
PHEAT+1968	proteomics_heat	785768	785821	+	2	2	H.LVEGNQSLESGEPLAYGK.S	22
PHEAT+1969	proteomics_heat	785822	785872	+	2	13	K.SITDACIGWEDTDALLR.Q	21
PHEAT+1970	proteomics_heat	795888	795932	+	3	2	K.TSLINAIISGLTRPQK.G	19
PHEAT+1971	proteomics_heat	796200	796265	+	3	2	R.ALLTAPELLLLDEPLASLDIPR.K	26
PHEAT+1972	proteomics_heat	797953	797985	+	1	2	R.YLYVGVVRPEFR.V	15
PHEAT+1973	proteomics_heat	797953	797979	+	1	2	R.YLYVGVVRPE.F	13
PHEAT+1974	proteomics_heat	798139	798225	+	1	2	R.LEDGLPVGVDVVEGLDGCHSANISPDNR.T	33
PHEAT+1975	proteomics_heat	798259	798345	+	1	7	R.ICLFTVSDDGHLVAQDPAEVTTVEGAGPR.H	33
PHEAT+1976	proteomics_heat	798496	798531	+	1	4	R.WAADIHITPDGR.H	16
PHEAT+1977	proteomics_heat	798553	798609	+	1	3	R.TASLITVFSVSEDGSLVLSK.E	23
PHEAT+1978	proteomics_heat	798643	798669	+	1	4	R.GFNVDHSGK.Y	13
PHEAT+1979	proteomics_heat	798670	798693	+	1	4	K.YLIAAGQK.S	12
PHEAT+1980	proteomics_heat	798757	798801	+	1	2	R.YAVGQGPMWVVVNAH.-	19

PHEAT+1981	proteomics_heat	808762	808788	+	1	2	R.YKTGLEAER.L	13
PHEAT+1982	proteomics_heat	808990	809070	+	1	3	R.LANAGLDYYNHNLDTSPEFYGNIITR.T	31
PHEAT+1983	proteomics_heat	809173	809244	+	1	5	R.AGLLLQLANLPTPPESVPINMLVK.V	28
PHEAT+1984	proteomics_heat	809434	809484	+	1	2	K.LLTPNPEEDKDLQLFR.K	21
PHEAT+1985	proteomics_heat	809485	809547	+	1	2	R.KLGLNPQQTAVLAGDNEQQQR.L	25
PHEAT+1986	proteomics_heat	809721	809783	+	3	3	R.QYLNFSNDYLGLSHHPQIIR.A	25
PHEAT+1987	proteomics_heat	809994	810047	+	3	4	R.LSHASLLEAASLSPSQLR.R	22
PHEAT+1988	proteomics_heat	810513	810593	+	3	3	R.AGVQDLPFTLADSCSAIQPLIVGDNSR.A	31
PHEAT+1989	proteomics_heat	810687	810728	+	3	3	R.LTLTAAHEMQDIDR.L	18
PHEAT+1990	proteomics_heat	811592	811630	+	2	9	R.TAGYKPVASGSEK.T	17
PHEAT+1991	proteomics_heat	812045	812074	+	2	3	R.HAEYMTTLR.M	14
PHEAT+1992	proteomics_heat	812075	812146	+	2	6	R.MIPAPLLGEIPWLAENPENAATGK.Y	28
PHEAT+1993	proteomics_heat	812767	812814	+	1	3	K.LNSAFKPSGDQPEAIR.R	20
PHEAT+1994	proteomics_heat	812815	812883	+	1	2	R.RLEEGLEDGLAHQTLLGVTGSGK.T	27
PHEAT+1995	proteomics_heat	812884	812949	+	1	3	K.TFTIANVIADLQRPTMVLAPNK.T	26
PHEAT+1996	proteomics_heat	813082	813117	+	1	3	K.DASVNEHIEQMR.L	16
PHEAT+1997	proteomics_heat	813418	813468	+	1	3	R.LSLFDPLTGQIVSTIPR.F	21
PHEAT+1998	proteomics_heat	814480	814524	+	1	3	K.YNEEHGITPQGLNKK.V	19
PHEAT+1999	proteomics_heat	814654	814725	+	1	2	K.IHELEGLMMQHAQNLEFEEAAQIR.D	28
PHEAT+2000	proteomics_heat	816606	816656	+	3	3	R.DAGLTGINVSVDSLDR.Q	21
PHEAT+2001	proteomics_heat	817119	817163	+	3	4	R.DLLEDDTQQQALEAR.I	19
PHEAT+2002	proteomics_heat	817281	817313	+	3	4	M.SQVSTEFIPTR.I	15
PHEAT+2003	proteomics_heat	817314	817340	+	3	2	R.IAILTVPN.R	13
PHEAT+2004	proteomics_heat	817341	817379	+	3	15	R.RGEEDDTSGHYLR.D	17
PHEAT+2005	proteomics_heat	817380	817418	+	3	14	R.DSAQEAGHHVVDK.A	17
PHEAT+2006	proteomics_heat	817569	817598	+	3	2	R.EVEGFGVFR.M	14
PHEAT+2007	proteomics_heat	817599	817643	+	3	11	R.MLSFEEIGTSTLQSR.A	19
PHEAT+2008	proteomics_heat	817668	817700	+	3	4	K.TLIFAMPGSTK.A	15
PHEAT+2009	proteomics_heat	817710	817751	+	3	3	R.TAWENIAPQLDAR.T	18
PHEAT+2010	proteomics_heat	817796	817855	+	2	7	M.SQLTHINAAGEAHMVDVSAK.A	24
PHEAT+2011	proteomics_heat	817997	818041	+	2	3	R.TWDLIPLCHPLMLSK.V	19
PHEAT+2012	proteomics_heat	818042	818080	+	2	7	K.VEVNLQAEPEHNR.V	17
PHEAT+2013	proteomics_heat	818394	818420	+	3	2	R.WALALEDGK.L	13
PHEAT+2014	proteomics_heat	818593	818628	+	1	6	R.DEDGAVVFTGK.V	16
PHEAT+2015	proteomics_heat	818635	818700	+	1	7	R.NHNLDGSDVNALTLEHYPGMTEK.A	26
PHEAT+2016	proteomics_heat	818770	818829	+	1	2	R.IGELWPGDEIVFVGVTSahr.S	24
PHEAT+2017	proteomics_heat	818830	818874	+	1	4	R.SSAFEAGQFIMDYLK.T	19
PHEAT+2018	proteomics_heat	824973	825014	+	3	8	R.INCKGAVWKVSSLR.E	18
PHEAT+2019	proteomics_heat	830212	830247	+	1	3	R.DLMSAQTGTGK.T	16
PHEAT+2020	proteomics_heat	830734	830781	+	1	2	R.NTASDQVTQHVVHFDK.K	20
PHEAT+2021	proteomics_heat	834549	834620	+	3	6	R.GLYAHMLNGEVPDLELGGVLIAR.I	28
PHEAT+2022	proteomics_heat	834621	834686	+	3	6	R.IKGEGEAEMLGFYEAMQNHTIK.L	26
PHEAT+2023	proteomics_heat	834747	834791	+	3	2	R.KQANLTPLLAILLHK.L	19
PHEAT+2024	proteomics_heat	834750	834791	+	3	4	K.QANLTPLLAILLHK.L	18
PHEAT+2025	proteomics_heat	834792	834839	+	3	2	K.LGFPVVVHGVSEDPTR.V	20
PHEAT+2026	proteomics_heat	834840	834911	+	3	10	R.VLTETIFELMGITPTLHGGQAQAK.L	28

PHEAT+2027	proteomics_heat	834912	834971	+	3	4	K.LDEHQPVFMPVGAFCPPLEK.Q	24
PHEAT+2028	proteomics_heat	835065	835100	+	3	4	R.LSSVSHPEYIGR.V	16
PHEAT+2029	proteomics_heat	835110	835133	+	3	2	K.FFSDIGGR.A	12
PHEAT+2030	proteomics_heat	835134	835184	+	3	4	R.ALLMHGTEGEVYANPQR.C	21
PHEAT+2031	proteomics_heat	835239	835277	+	3	3	K.QDTAGSELLPQAK.D	17
PHEAT+2032	proteomics_heat	835592	835636	+	2	17	R.FDAQTLHSFIQAVFR.Q	19
PHEAT+2033	proteomics_heat	835667	835747	+	2	21	K.LVADHLIAANLAGHDSHGIGMIPSYVR.S	31
PHEAT+2034	proteomics_heat	835799	835834	+	2	9	K.EAGAAVTLDGDR.A	16
PHEAT+2035	proteomics_heat	835835	835885	+	2	37	R.AFGQVAAHEAMALGIEK.A	21
PHEAT+2036	proteomics_heat	835997	836041	+	2	2	F.VSVVGIPMVAPFHGR.D	19
PHEAT+2037	proteomics_heat	836051	836086	+	2	3	R.FGTNPFVVFPR.K	16
PHEAT+2038	proteomics_heat	836087	836143	+	2	41	R.KDNFPLLLDYATSAIAFGK.T	23
PHEAT+2039	proteomics_heat	836090	836143	+	2	5	K.DNFPLLLDYATSAIAFGK.T	22
PHEAT+2040	proteomics_heat	836165	836278	+	2	6	K.GVPVPPGCLIDVNGVPTTNPVAVMQESPLGSLLTFAEHK.G	42
PHEAT+2041	proteomics_heat	836279	836335	+	2	28	K.GYALAAMCEILGGALSGGK.T	23
PHEAT+2042	proteomics_heat	836471	836533	+	2	5	K.ASPHDDDKPILLPGEWVNTR.R	25
PHEAT+2043	proteomics_heat	836471	836536	+	2	3	K.ASPHDDDKPILLPGEWVNTRR.E	26
PHEAT+2044	proteomics_heat	836543	836602	+	2	3	R.QKQGIPLDAGSWQAICDAAR.Q	24
PHEAT+2045	proteomics_heat	836549	836602	+	2	8	K.QGIPLDAGSWQAICDAAR.Q	22
PHEAT+2046	proteomics_heat	841648	841713	+	1	2	R.QFLTLPAGEQSVDFANPLAVK.A	26
PHEAT+2047	proteomics_heat	849742	849801	+	1	6	A.ATSTVTGGYAQSDAQGMNK.M	24
PHEAT+2048	proteomics_heat	849823	849885	+	1	4	K.YRYEEDNSPLGVIGSFTYTEK.S	25
PHEAT+2049	proteomics_heat	849892	849957	+	1	3	R.TASSGDYNNKNQYYGITAGPAYR.I	26
PHEAT+2050	proteomics_heat	849958	850008	+	1	2	R.INDWASIYGVVGVGYGK.F	21
PHEAT+2051	proteomics_heat	850009	850038	+	1	2	K.FQTTEYPTYK.H	14
PHEAT+2052	proteomics_heat	852439	852486	+	1	3	K.KVTQLVNVEEHVEGFR.Q	20
PHEAT+2053	proteomics_heat	852511	852555	+	1	7	R.ELIDDYVELISDLIR.E	19
PHEAT+2054	proteomics_heat	855321	855380	+	3	2	K.ILGGDLEPTLGNVSLDPNER.I	24
PHEAT+2055	proteomics_heat	855390	855455	+	3	5	K.LRQDQFAFEFTVLDTVMIGHK.E	26
PHEAT+2056	proteomics_heat	855489	855551	+	3	2	R.IYALPEMSEEDGYKVADLEVK.Y	25
PHEAT+2057	proteomics_heat	855552	855587	+	3	3	K.YGEMDGYSAEAR.A	16
PHEAT+2058	proteomics_heat	855588	855668	+	3	2	R.AGELLGSGIPVEQHYGPMSEVAPGWK.L	31
PHEAT+2059	proteomics_heat	855675	855761	+	3	7	R.VLLAQALFADPDILLDEPTNNLDIDTIR.W	33
PHEAT+2060	proteomics_heat	855822	855878	+	3	5	R.HFLNMVCTHMADLDYGELR.V	23
PHEAT+2061	proteomics_heat	856722	856760	+	3	2	R.VIDFSGNYEDYLR.S	17
PHEAT+2062	proteomics_heat	862919	862972	+	2	2	R.IFPLAGVTTNPSIIAAGK.K	22
PHEAT+2063	proteomics_heat	862973	863029	+	2	6	K.KPLDVVLPQLHEAMGGQGR.L	23
PHEAT+2064	proteomics_heat	863267	863326	+	2	3	R.IDAQGGSGIQTVTDLHQLLK.M	24
PHEAT+2065	proteomics_heat	865965	866018	+	3	3	R.LLEECPLFNAGIGAVFTR.D	22
PHEAT+2066	proteomics_heat	866070	866102	+	3	3	K.AGAVAGVSHLR.N	15
PHEAT+2067	proteomics_heat	866124	866192	+	3	2	R.LVMEQSPHVMIGEGAENFAFAR.G	27
PHEAT+2068	proteomics_heat	866262	866312	+	3	2	R.KEGATVLDHSGAPLDEK.Q	21
PHEAT+2069	proteomics_heat	866592	866681	+	3	2	K.LPALGGSGGLIAIDHEGNVALPFNTEGMYR.A	34
PHEAT+2070	proteomics_heat	866935	866973	+	1	2	R.LLEQAGGLVQCDK.M	17
PHEAT+2071	proteomics_heat	867049	867138	+	1	4	R.GADMAMIFQEPMTSLNPVFTVGEQIAESIR.L	34
PHEAT+2072	proteomics_heat	867946	867993	+	1	5	R.DIQFIFQDPYASLDPR.Q	20

PHEAT+2073	proteomics_heat	868426	868464	+	1	3	R.KLLAAMPVAEPSR.Q	17
PHEAT+2074	proteomics_heat	868712	868801	+	2	2	A.AKDVVVAVGSNFTTLDPYDANDTLSQAVAK.S	34
PHEAT+2075	proteomics_heat	868925	868963	+	2	2	K.FQDGTDFNAAAVK.A	17
PHEAT+2076	proteomics_heat	869078	869152	+	2	3	K.QPFSAFINILAHPATAMISPAALEK.Y	29
PHEAT+2077	proteomics_heat	869321	869395	+	2	2	R.AAMLQTGEAQFAFPIPYEQATLLEK.N	29
PHEAT+2078	proteomics_heat	869441	869485	+	2	2	R.YISMNVTKPFDNPK.V	19
PHEAT+2079	proteomics_heat	869534	869632	+	2	3	K.VAFAGYATPATGVVPPSIAYAQSYKPWPYPVK.A	37
PHEAT+2080	proteomics_heat	869651	869719	+	2	2	K.EAGYPNGFSTTLWSSHNHSTAQK.V	27
PHEAT+2081	proteomics_heat	869720	869764	+	2	2	K.VLQFTQQQLAQVGIK.A	19
PHEAT+2082	proteomics_heat	869765	869797	+	2	3	K.AQVTAMDAGQR.A	15
PHEAT+2083	proteomics_heat	870442	870471	+	1	2	R.RPVADEIASR.F	14
PHEAT+2084	proteomics_heat	871137	871184	+	3	2	R.QAVLNAMPLVKPDQVR.T	20
PHEAT+2085	proteomics_heat	873807	873869	+	3	2	R.HAMEIGELFLVYQPIVDINTR.A	25
PHEAT+2086	proteomics_heat	874242	874286	+	3	2	V.RISIDDFGTGLSNLK.R	19
PHEAT+2087	proteomics_heat	874245	874289	+	3	4	R.ISIDDFGTGLSNLKR.F	19
PHEAT+2088	proteomics_heat	875059	875103	+	1	3	K.SLAMDSENLMFSLFK.N	19
PHEAT+2089	proteomics_heat	875104	875142	+	1	6	K.NGKPVTDGEYNAK.N	17
PHEAT+2090	proteomics_heat	875344	875373	+	1	2	K.EAIINNHFER.V	14
PHEAT+2091	proteomics_heat	875515	875553	+	1	2	K.GGYLCLFDVDKFK.N	17
PHEAT+2092	proteomics_heat	875554	875604	+	1	3	K.NINDTFGHELLGDEVLMK.V	21
PHEAT+2093	proteomics_heat	880031	880069	+	2	5	A.AEQTVEAPSV DAR.A	17
PHEAT+2094	proteomics_heat	880103	880156	+	2	5	K.VLAEGNADEKLDPASLTK.I	22
PHEAT+2095	proteomics_heat	880157	880192	+	2	3	K.IMTSYVVGQALK.A	16
PHEAT+2096	proteomics_heat	880235	880267	+	2	4	K.DAWATGNPALR.G	15
PHEAT+2097	proteomics_heat	880268	880327	+	2	7	R.GSSVMFLKPGDQVSVADLNK.G	24
PHEAT+2098	proteomics_heat	880430	880504	+	2	11	K.KLGLTNTTFQTVHGLDAPGQFSTAR.D	29
PHEAT+2099	proteomics_heat	880433	880504	+	2	4	K.LGLTNTTFQTVHGLDAPGQFSTAR.D	28
PHEAT+2100	proteomics_heat	880526	880567	+	2	10	K.ALHHDVPEEYAIHK.E	18
PHEAT+2101	proteomics_heat	880616	880654	+	2	2	R.LLWSSNLNVDGMK.T	17
PHEAT+2102	proteomics_heat	880655	880717	+	2	2	K.TGTTAGAGYNLVASATQGDMR.L	25
PHEAT+2103	proteomics_heat	880799	880852	+	2	5	R.FFETVTPIKPDATFVTQR.V	22
PHEAT+2104	proteomics_heat	880943	880990	+	2	5	K.ASYTLTEPQLTAPLKK.G	20
PHEAT+2105	proteomics_heat	890407	890442	+	1	3	I.MTPTIELICGHR.S	16
PHEAT+2106	proteomics_heat	890452	890487	+	1	7	R.HFTDEPISEAQR.E	16
PHEAT+2107	proteomics_heat	890512	890556	+	1	2	R.ATSSSSFLQCSSIIR.I	19
PHEAT+2108	proteomics_heat	890569	890610	+	1	6	K.ALREELVTLTGGQK.H	18
PHEAT+2109	proteomics_heat	890914	890964	+	1	6	R.LPASILVHENSYPQLDK.G	21
PHEAT+2110	proteomics_heat	890965	891015	+	1	7	K.GALAQYDEQLAEYYLTR.G	21
PHEAT+2111	proteomics_heat	891073	891108	+	1	4	K.ESRPFILDYLHK.Q	16
PHEAT+2112	proteomics_heat	891265	891342	+	1	2	R.GHLVEILDPLSCYMNINPAASSIHYK.G	30
PHEAT+2113	proteomics_heat	893097	893159	+	3	4	K.TLHIYNWSDYIAPDTVANFEK.E	25
PHEAT+2114	proteomics_heat	893097	893174	+	3	2	K.TLHIYNWSDYIAPDTVANFEKETGIK.V	30
PHEAT+2115	proteomics_heat	893175	893219	+	3	3	K.VVYDVFSDSNEVLEGG.L	19
PHEAT+2116	proteomics_heat	893220	893279	+	3	4	K.LMAGSTGFDLVVPSASFLEK.Q	24
PHEAT+2117	proteomics_heat	893391	893444	+	3	4	K.FAMPYMWATTGIGYNVDK.V	22
PHEAT+2118	proteomics_heat	893451	893519	+	3	4	K.AVLGENAPVDSWDLILKPENLEK.L	27

PHEAT+2119	proteomics_heat	893526	893612	+	3	27	K.SCGVSFLDAPEEVFATVLNLYLGKDPNSTK.A	33
PHEAT+2120	proteomics_heat	893526	893594	+	3	3	K.SCGVSFLDAPEEVFATVLNLYLGK.D	27
PHEAT+2121	proteomics_heat	893613	893654	+	3	3	K.ADDYTGPATDLLLL.L	18
PHEAT+2122	proteomics_heat	893817	893867	+	3	17	K.EGAMAFFDVFAMPADAK.N	21
PHEAT+2123	proteomics_heat	893868	893927	+	3	3	K.NKDEAYQFLNLYLLRPDVVAH.I	24
PHEAT+2124	proteomics_heat	893928	893963	+	3	2	H.ISDHVFYANANK.A	16
PHEAT+2125	proteomics_heat	894295	894345	+	1	2	K.SYDGGHAVDDVSLTIYK.G	21
PHEAT+2126	proteomics_heat	916269	916313	+	3	3	R.ELSSHPQNLSDGQIR.Q	19
PHEAT+2127	proteomics_heat	916926	916967	+	3	2	K.VIEFAQSGLKPLVK.F	18
PHEAT+2128	proteomics_heat	918713	918763	+	2	2	K.DQLLGVIDPEQAENQIK.E	21
PHEAT+2129	proteomics_heat	918875	918925	+	2	2	K.AVSQQDLDTAATEMAVK.Q	21
PHEAT+2130	proteomics_heat	919136	919183	+	2	2	K.AQVSEADVIHLKPGQK.A	20
PHEAT+2131	proteomics_heat	919370	919423	+	2	3	K.NVLTIPLSALGDPVGDNR.Y	22
PHEAT+2132	proteomics_heat	919514	919570	+	2	4	K.GLEAGDEVVIGEAKPGAAQ.-	23
PHEAT+2133	proteomics_heat	919852	919923	+	1	5	R.YHLLSHLTAEQNVEVPAVYAGLER.K	28
PHEAT+2134	proteomics_heat	920149	920205	+	1	3	R.GHTVIVTHDPQVAAQAER.V	23
PHEAT+2135	proteomics_heat	920524	920565	+	1	3	K.DFGDDDPQYQQALK.Y	18
PHEAT+2136	proteomics_heat	922757	922786	+	2	3	R.AVFHVQSSGR.N	14
PHEAT+2137	proteomics_heat	922919	922990	+	2	4	K.DEPTQSSDPGSPNSEEQAGGEER.M	28
PHEAT+2138	proteomics_heat	922991	923029	+	2	2	R.MENFTTNLNLQAR.V	17
PHEAT+2139	proteomics_heat	923030	923059	+	2	2	R.VGGIDPLIGR.E	14
PHEAT+2140	proteomics_heat	923177	923260	+	2	9	R.IVQGDVPEVMADCTIYSLDIGSLLAGTK.Y	32
PHEAT+2141	proteomics_heat	923438	923485	+	2	3	R.VIGSTTYQEFNSNIFEK.D	20
PHEAT+2142	proteomics_heat	923516	923578	+	2	3	K.IDITEPSIEETVQIINGLKPK.Y	25
PHEAT+2143	proteomics_heat	923678	923710	+	2	3	K.AIDVIDEAGAR.A	15
PHEAT+2144	proteomics_heat	923804	923836	+	2	3	K.SVSQSDRDTLK.N	15
PHEAT+2145	proteomics_heat	924083	924151	+	2	4	R.LIGAPPGYVGFQGGLLTDAVIK.H	27
PHEAT+2146	proteomics_heat	924191	924262	+	2	9	K.AHPDVFNILLQVMDNGTLTDNNGR.K	28
PHEAT+2147	proteomics_heat	924332	924388	+	2	3	K.SIGLIHQDNSTDAMEEIKK.I	23
PHEAT+2148	proteomics_heat	924410	924478	+	2	7	R.NRLDNIIWFDHLSTDVIIHQVVDK.F	27
PHEAT+2149	proteomics_heat	924626	924703	+	2	8	K.KPLANELLFGSLVDGGQVTVALDKEK.N	30
PHEAT+2150	proteomics_heat	924626	924739	+	2	3	K.KPLANELLFGSLVDGGQVTVALDKEKNELTYGFQSAQK.H	42
PHEAT+2151	proteomics_heat	924653	924739	+	2	3	F.GSLVDGGQVTVALDKEKNELTYGFQSAQK.H	33
PHEAT+2152	proteomics_heat	931860	931892	+	3	2	R.IDRNILNELQK.D	15
PHEAT+2153	proteomics_heat	931869	931892	+	3	4	R.NILNELQK.D	12
PHEAT+2154	proteomics_heat	931902	931925	+	3	4	R.ISNVELSK.R	12
PHEAT+2155	proteomics_heat	931902	931928	+	3	7	R.ISNVELSKR.V	13
PHEAT+2156	proteomics_heat	931926	931961	+	3	6	K.RVGLSPTPCLER.V	16
PHEAT+2157	proteomics_heat	931929	931961	+	3	3	R.VGLSPTPCLER.V	15
PHEAT+2158	proteomics_heat	932070	932114	+	3	11	R.GAPDVFEQFNTAVQK.L	19
PHEAT+2159	proteomics_heat	932115	932171	+	3	31	K.LEEIQECHLVSGDFDYLLK.T	23
PHEAT+2160	proteomics_heat	932172	932201	+	3	9	K.TRVPDMSAYR.K	14
PHEAT+2161	proteomics_heat	932202	932228	+	3	8	R.KLLGETLLR.L	13
PHEAT+2162	proteomics_heat	932205	932228	+	3	4	K.LLGETLLR.L	12
PHEAT+2163	proteomics_heat	932229	932252	+	3	3	R.LPGVNDTR.T	12
PHEAT+2164	proteomics_heat	932253	932279	+	3	10	R.TYVVMEEVK.Q	13

PHEAT+2165	proteomics_heat	933257	933295	+	2	4	K.RMDDDEEITYTAR.G	17
PHEAT+2166	proteomics_heat	934118	934204	+	2	3	K.ATLATGAAATVAAPVFLANSGGPRPQVK.E	33
PHEAT+2167	proteomics_heat	934334	934405	+	2	6	R.NQYDSGDQYNDDDEIDAMQQDELAR.Q	28
PHEAT+2168	proteomics_heat	934406	934432	+	2	2	R.QFAQTQQQR.Y	13
PHEAT+2169	proteomics_heat	935081	935122	+	2	2	K.ADVVNYSPPVITR.F	18
PHEAT+2170	proteomics_heat	935216	935269	+	2	2	R.VVEVIPGKPYVGLLEPNK.K	22
PHEAT+2171	proteomics_heat	935357	935395	+	2	3	K.DIAGEPVVADLAK.M	17
PHEAT+2172	proteomics_heat	936081	936122	+	3	8	P.RCRYVSMVLLFAIR.K	18
PHEAT+2173	proteomics_heat	936694	936726	+	1	7	K.VSSFHASFTQK.V	15
PHEAT+2174	proteomics_heat	936727	936783	+	1	3	K.VTDGSGAAVQEGQGLWVK.R	23
PHEAT+2175	proteomics_heat	936784	936849	+	1	9	K.RPNLFNWHMTQPDESILVSDGK.T	26
PHEAT+2176	proteomics_heat	936943	936978	+	1	2	R.NQSSDWQQYNIK.Q	16
PHEAT+2177	proteomics_heat	937156	937200	+	1	3	K.FTFTPPQGVTVDDQR.K	19
PHEAT+2178	proteomics_heat	937706	937759	+	2	2	K.SLSTEDIEQVLTQAMEDK.T	22
PHEAT+2179	proteomics_heat	937907	937948	+	2	3	R.VLKPELLTEIAGER.S	18
PHEAT+2180	proteomics_heat	938714	938737	+	2	2	R.GFKLDVVK.L	12
PHEAT+2181	proteomics_heat	938723	938758	+	2	2	K.LDVDKLGALEER.R	16
PHEAT+2182	proteomics_heat	938837	938866	+	2	5	K.ARGEDIEPLR.L	14
PHEAT+2183	proteomics_heat	938837	938881	+	2	6	K.ARGEDIEPLRLEVNK.L	19
PHEAT+2184	proteomics_heat	938867	938908	+	2	2	R.LEVNLGEELEDAAK.A	18
PHEAT+2185	proteomics_heat	938882	938908	+	2	10	K.LGEELEDAAK.A	13
PHEAT+2186	proteomics_heat	938882	938941	+	2	3	K.LGEELEDAAKAELDALQAEIR.D	24
PHEAT+2187	proteomics_heat	938909	938941	+	2	4	K.AELDALQAEIR.D	15
PHEAT+2188	proteomics_heat	938942	939025	+	2	2	R.DIALTIPNLPADDEVVPGKDENDNVEVSR.W	32
PHEAT+2189	proteomics_heat	938942	938995	+	2	3	R.DIALTIPNLPADDEVVPGK.D	22
PHEAT+2190	proteomics_heat	938996	939025	+	2	2	K.DENDNVEVSR.W	14
PHEAT+2191	proteomics_heat	939041	939061	+	2	2	R.EFD FEVR.D	11
PHEAT+2192	proteomics_heat	939062	939118	+	2	10	R.DHVTLGEMHSGLDFAAAVK.L	23
PHEAT+2193	proteomics_heat	939242	939286	+	2	2	Y.LVNQDTLYGTGQLPK.F	19
PHEAT+2194	proteomics_heat	939287	939391	+	2	5	K.FAGDLFHTRPLEEEADTSNYALIPTAEVPLTNLVR.G	39
PHEAT+2195	proteomics_heat	939392	939427	+	2	3	R.GEIIDEDDLPIK.M	16
PHEAT+2196	proteomics_heat	939500	939592	+	2	4	R.MHQFDKVMVQIVRPEDSMAALEEMTGHAEK.V	35
PHEAT+2197	proteomics_heat	939518	939592	+	2	3	K.VEMVQIVRPEDSMAALEEMTGHAEK.V	29
PHEAT+2198	proteomics_heat	939590	939622	+	2	3	E.KVLQLLGLPYR.K	15
PHEAT+2199	proteomics_heat	939593	939622	+	2	4	K.VLQLLGLPYR.K	14
PHEAT+2200	proteomics_heat	939623	939667	+	2	3	R.KIILCTGDMGFGACK.T	19
PHEAT+2201	proteomics_heat	939626	939667	+	2	2	K.IILCTGDMGFGACK.T	18
PHEAT+2202	proteomics_heat	939668	939712	+	2	5	K.TYDLEVWIPAQNTYR.E	19
PHEAT+2203	proteomics_heat	939713	939754	+	2	3	R.EISSCSNVWDFQAR.R	18
PHEAT+2204	proteomics_heat	939800	939841	+	2	15	R.LVHTLNGSGLAVGR.T	18
PHEAT+2205	proteomics_heat	939842	939886	+	2	9	R.TLVAVMENYQQADGR.I	19
PHEAT+2206	proteomics_heat	939887	939940	+	2	8	R.IEVPEVLRPYMNGLEYIG.-	22
PHEAT+2207	proteomics_heat	949026	949070	+	3	2	R.NFNPMVTPDEPEDWK.N	19
PHEAT+2208	proteomics_heat	954972	955019	+	3	2	P.RPCSSSVTVRSSATPK.S	20
PHEAT+2209	proteomics_heat	956879	956935	+	2	22	M.AQIFNFSSGPAMLPAEVLK.Q	23
PHEAT+2210	proteomics_heat	956957	957001	+	2	14	R.DWNGLGTSVMEVSHR.G	19

PHEAT+2211	proteomics_heat	957002	957049	+	2	35	R.GKEFIQVAEEAEKDFR.D	20
PHEAT+2212	proteomics_heat	957002	957079	+	2	21	R.GKEFIQVAEEAEKDFRDLLNVPSNYK.V	30
PHEAT+2213	proteomics_heat	957002	957040	+	2	6	R.GKEFIQVAEEAEK.D	17
PHEAT+2214	proteomics_heat	957008	957079	+	2	3	K.EFIQVAEEAEKDFRDLLNVPSNYK.V	28
PHEAT+2215	proteomics_heat	957008	957049	+	2	7	K.EFIQVAEEAEKDFR.D	18
PHEAT+2216	proteomics_heat	957050	957079	+	2	7	R.DLLNVPSNYK.V	14
PHEAT+2217	proteomics_heat	957107	957199	+	2	30	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIK.E	35
PHEAT+2218	proteomics_heat	957107	957148	+	2	10	R.GQFAAVPLNILGDK.T	18
PHEAT+2219	proteomics_heat	957149	957199	+	2	22	K.TTADYVDAGYWAASAIK.E	21
PHEAT+2220	proteomics_heat	957209	957241	+	2	24	K.KYCTPNVFDK.V	15
PHEAT+2221	proteomics_heat	957212	957241	+	2	2	K.YCTPNVFDK.V	14
PHEAT+2222	proteomics_heat	957440	957469	+	2	8	R.YGVIYAGAQK.N	14
PHEAT+2223	proteomics_heat	957470	957508	+	2	13	K.NIGPAGLTIVIVR.E	17
PHEAT+2224	proteomics_heat	957470	957526	+	2	24	K.NIGPAGLTIVIVREDLLGK.A	23
PHEAT+2225	proteomics_heat	957590	957637	+	2	13	F.NTPPTFAWYLSGLVFK.W	20
PHEAT+2226	proteomics_heat	957647	957691	+	2	13	K.ANGGVAEMDKINQQK.A	19
PHEAT+2227	proteomics_heat	957692	957736	+	2	70	K.AELLYGVIDNSDFYR.N	19
PHEAT+2228	proteomics_heat	957767	957814	+	2	2	R.MNVPFQLADSALDKLF.L	20
PHEAT+2229	proteomics_heat	957767	957853	+	2	270	R.MNVPFQLADSALDKLFLEESFAAGLHALK.G	33
PHEAT+2230	proteomics_heat	957767	957847	+	2	3	R.MNVPFQLADSALDKLFLEESFAAGLHA.L	31
PHEAT+2231	proteomics_heat	957767	957808	+	2	4	R.MNVPFQLADSALDK.L	18
PHEAT+2232	proteomics_heat	957809	957853	+	2	43	K.LFEESFAAGLHALK.G	19
PHEAT+2233	proteomics_heat	957815	957853	+	2	4	F.LEESFAAGLHALK.G	17
PHEAT+2234	proteomics_heat	957881	957919	+	2	10	R.ASIYNAMPLEGVK.A	17
PHEAT+2235	proteomics_heat	957920	957952	+	2	15	K.ALTDFMVEFER.R	15
PHEAT+2236	proteomics_heat	958068	958100	+	3	3	R.VDGTINLPGSK.S	15
PHEAT+2237	proteomics_heat	958116	958148	+	3	3	R.ALLLAALAHGK.T	15
PHEAT+2238	proteomics_heat	958149	958187	+	3	2	K.TVLTNLLDSDVDR.H	17
PHEAT+2239	proteomics_heat	958188	958244	+	3	15	R.HMLNALTALGVSYTLSADR.T	23
PHEAT+2240	proteomics_heat	958251	958334	+	3	2	R.CEIIINGGPLHAEGALELFLGNAGTAMR.P	32
PHEAT+2241	proteomics_heat	958401	958436	+	3	2	K.ERPIGHLVDALR.L	16
PHEAT+2242	proteomics_heat	958407	958436	+	3	2	R.PIGHLVDALR.L	14
PHEAT+2243	proteomics_heat	958452	958490	+	3	7	K.ITYLEQENYPPLR.L	17
PHEAT+2244	proteomics_heat	958491	958604	+	3	43	R.LQGGFTGGNVDVDGSVSSQFLTALLMTAPLAPEDTVIR.I	42
PHEAT+2245	proteomics_heat	958605	958661	+	3	11	R.IKGDLVSKPYIDITLNLTK.T	23
PHEAT+2246	proteomics_heat	958662	958712	+	3	2	K.TFGVEIENQHYQQFVVK.G	21
PHEAT+2247	proteomics_heat	958713	958802	+	3	27	K.GGQSYQSPGTYLVEGDASSASYFLAAAAIK.G	34
PHEAT+2248	proteomics_heat	958881	958928	+	3	5	K.MGATICWGDDYISCTR.G	20
PHEAT+2249	proteomics_heat	958929	959012	+	3	38	R.GELNAIDMDMNHIPDAAMTIATAALFAK.G	32
PHEAT+2250	proteomics_heat	959094	959135	+	3	9	R.KVGAEEVEEGHDYIR.I	18
PHEAT+2251	proteomics_heat	959154	959192	+	3	6	K.LNFAEIATYNDHR.M	17
PHEAT+2252	proteomics_heat	959193	959255	+	3	10	R.MAMCFSLVALSDTPVTILDPK.C	25
PHEAT+2253	proteomics_heat	959208	959255	+	3	3	F.SLVALSDTPVTILDPK.C	20
PHEAT+2254	proteomics_heat	959268	959300	+	3	4	K.TFPDYFEQLAR.I	15
PHEAT+2255	proteomics_heat	960493	960546	+	1	3	K.AMAEALQWHLLDSGAIYR.V	22
PHEAT+2256	proteomics_heat	960547	960633	+	1	2	R.VLALAALHHHVDVASEDALVPLASHLDVDR.F	33

PHEAT+2257	proteomics_heat	960700	960747	+	1	4	R.TQEVANAASQVAAFPR.V	20
PHEAT+2258	proteomics_heat	960817	960855	+	1	4	R.DMGTVVFPDAPVK.I	17
PHEAT+2259	proteomics_heat	960856	960885	+	1	2	K.IFLDASSEER.A	14
PHEAT+2260	proteomics_heat	960988	961068	+	1	18	R.AVAPLVPAADALVLDSTTLSIEQVIEK.A	31
PHEAT+2261	proteomics_heat	961218	961292	+	3	38	N.MTESFAQLFEESLKEIETRPGSIVR.G	29
PHEAT+2262	proteomics_heat	961218	961259	+	3	19	N.MTESFAQLFEESLK.E	18
PHEAT+2263	proteomics_heat	961221	961292	+	3	55	M.TESFAQLFEESLKEIETRPGSIVR.G	28
PHEAT+2264	proteomics_heat	961221	961259	+	3	9	M.TESFAQLFEESLK.E	17
PHEAT+2265	proteomics_heat	961242	961292	+	3	2	L.FEESLKEIETRPGSIVR.G	21
PHEAT+2266	proteomics_heat	961260	961292	+	3	4	K.EIETRPGSIVR.G	15
PHEAT+2267	proteomics_heat	961293	961346	+	3	96	R.GVVVAIDKDVVLVDAGLK.S	22
PHEAT+2268	proteomics_heat	961293	961379	+	3	44	R.GVVVAIDKDVVLVDAGLKSESAIPAEQFK.N	33
PHEAT+2269	proteomics_heat	961317	961346	+	3	4	K.DVVLVDAGLK.S	14
PHEAT+2270	proteomics_heat	961323	961379	+	3	4	V.VLVDAGLKSESAIPAEQFK.N	23
PHEAT+2271	proteomics_heat	961347	961379	+	3	2	K.SESAIPAEQFK.N	15
PHEAT+2272	proteomics_heat	961380	961475	+	3	312	K.NAQGELEIQVGDEVDVALDAVEDGFGETLLSR.E	36
PHEAT+2273	proteomics_heat	961428	961475	+	3	15	V.ALDAVEDGFGETLLSR.E	20
PHEAT+2274	proteomics_heat	961491	961517	+	3	16	R.HEAWITLEK.A	13
PHEAT+2275	proteomics_heat	961518	961562	+	3	38	K.AYEDAETVTGVINGK.V	19
PHEAT+2276	proteomics_heat	961563	961601	+	3	17	K.VKGGFTVELNGIR.A	17
PHEAT+2277	proteomics_heat	961569	961601	+	3	13	K.GGFTVELNGIR.A	15
PHEAT+2278	proteomics_heat	961602	961643	+	3	13	R.AFLPGSLVDVRPVR.D	18
PHEAT+2279	proteomics_heat	961644	961667	+	3	3	R.DTLHLEGK.E	12
PHEAT+2280	proteomics_heat	961704	961727	+	3	2	K.RNNVVVSR.R	12
PHEAT+2281	proteomics_heat	961728	961805	+	3	11	R.RAVIESENSAERDQLLENLQEGMEVK.G	30
PHEAT+2282	proteomics_heat	961728	961763	+	3	13	R.RAVIESENSAER.D	16
PHEAT+2283	proteomics_heat	961728	961847	+	3	2	R.RAVIESENSAERDQLLENLQEGMEVKGIVKNLTDYGAFFVD.L	44
PHEAT+2284	proteomics_heat	961731	961805	+	3	25	R.AVIESENSAERDQLLENLQEGMEVK.G	29
PHEAT+2285	proteomics_heat	961731	961763	+	3	5	R.AVIESENSAER.D	15
PHEAT+2286	proteomics_heat	961764	961805	+	3	20	R.DQLLENLQEGMEVK.G	18
PHEAT+2287	proteomics_heat	961818	961895	+	3	169	K.NLTDYGAFFVDLGGVDGLLHITDMAWK.R	30
PHEAT+2288	proteomics_heat	961818	961874	+	3	2	K.NLTDYGAFFVDLGGVDGLLH.I	23
PHEAT+2289	proteomics_heat	961842	961895	+	3	2	F.VDLGGVDGLLHITDMAWK.R	22
PHEAT+2290	proteomics_heat	961899	961949	+	3	50	R.VKHPSEIVNVGDEITVK.V	21
PHEAT+2291	proteomics_heat	961905	961949	+	3	25	K.HPSEIVNVGDEITVK.V	19
PHEAT+2292	proteomics_heat	961998	962033	+	3	5	K.QLGEDPWVAIAK.R	16
PHEAT+2293	proteomics_heat	962067	962159	+	3	105	R.VTNLTDYGCFFVEIEEGVEGLVHVSEMDWTNK.N	35
PHEAT+2294	proteomics_heat	962178	962234	+	3	430	K.VNVVGDVVEVMVLDIDEER.R	23
PHEAT+2295	proteomics_heat	962268	962327	+	3	2	K.ANPWQQFAETHNKGDRVEGK.I	24
PHEAT+2296	proteomics_heat	962268	962306	+	3	11	K.ANPWQQFAETHNK.G	17
PHEAT+2297	proteomics_heat	962334	962393	+	3	11	K.SITDFGIFIGLDGGIDGLVH.L	24
PHEAT+2298	proteomics_heat	962448	962495	+	3	147	K.KGDEIAAVVLQVDAER.E	20
PHEAT+2299	proteomics_heat	962448	962501	+	3	21	K.KGDEIAAVVLQVDAERER.I	22
PHEAT+2300	proteomics_heat	962517	962564	+	3	7	V.KQLAEDPFNNWVALNK.K	20
PHEAT+2301	proteomics_heat	962520	962567	+	3	7	K.QLAEDPFNNWVALNKK.G	20
PHEAT+2302	proteomics_heat	962520	962564	+	3	7	K.QLAEDPFNNWVALNK.K	19

PHEAT+2303	proteomics_heat	962589	962609	+	3	2	K.VTAVDAK.G	11
PHEAT+2304	proteomics_heat	962610	962654	+	3	43	K.GATVELADGVEGYLR.A	19
PHEAT+2305	proteomics_heat	962673	962729	+	3	115	R.DRVEDATLVLSVGDEVEAK.F	23
PHEAT+2306	proteomics_heat	962679	962729	+	3	7	R.VEDATLVLSVGDEVEAK.F	21
PHEAT+2307	proteomics_heat	962778	962825	+	3	15	R.AKDEADEKDAIATVVK.Q	20
PHEAT+2308	proteomics_heat	962778	962873	+	3	19	R.AKDEADEKDAIATVVKQEDANFSNNAMAEAFK.A	36
PHEAT+2309	proteomics_heat	962802	962873	+	3	6	K.DAIATVVKQEDANFSNNAMAEAFK.A	28
PHEAT+2310	proteomics_heat	962802	962825	+	3	4	K.DAIATVVK.Q	12
PHEAT+2311	proteomics_heat	962826	962873	+	3	6	K.QEDANFSNNAMAEAFK.A	20
PHEAT+2312	proteomics_heat	963078	963110	+	3	5	R.LATQQSHIPAK.T	15
PHEAT+2313	proteomics_heat	963084	963110	+	3	2	A.TQQSHIPAK.T	13
PHEAT+2314	proteomics_heat	963111	963176	+	3	6	K.TVEDAVKEMLEHMASTLAQGER.I	26
PHEAT+2315	proteomics_heat	963132	963176	+	3	13	K.EMLEHMASTLAQGER.I	19
PHEAT+2316	proteomics_heat	963189	963218	+	3	5	R.GFGSFLHYR.A	14
PHEAT+2317	proteomics_heat	963246	963275	+	3	8	K.TGDKVELEGK.Y	14
PHEAT+2318	proteomics_heat	963312	963332	+	3	2	R.DRANIYG.-	11
PHEAT+2319	proteomics_heat	966153	966197	+	3	2	R.LFGHMMGMPVSFFDK.Q	19
PHEAT+2320	proteomics_heat	966426	966479	+	3	4	K.NMQNTMGQVTTSAEQMLK.G	22
PHEAT+2321	proteomics_heat	967017	967067	+	3	2	R.FYDIDEGEILMDGHDLR.E	21
PHEAT+2322	proteomics_heat	967092	967166	+	3	3	R.NQVALVSQNVHLFNDTVANNIAYAR.T	29
PHEAT+2323	proteomics_heat	967335	967394	+	3	2	R.DSPILILDEATSALDTESER.A	24
PHEAT+2324	proteomics_heat	967434	967457	+	3	2	R.TSLVIAHR.L	12
PHEAT+2325	proteomics_heat	967874	967984	+	2	2	L.LLSADTTTAQAGDEPVLIIQRTDAPVAVSPVRSDAVK.A	41
PHEAT+2326	proteomics_heat	969986	970048	+	2	4	K.LDNLAFPLRDGIPVLLTEAR.V	25
PHEAT+2327	proteomics_heat	970049	970075	+	2	3	R.VLTADESKS.-	13
PHEAT+2328	proteomics_heat	970120	970182	+	1	2	R.LPGKPLVDINGKPMIVHVLER.A	25
PHEAT+2329	proteomics_heat	970207	970242	+	1	3	R.IIVATDHEDVAR.A	16
PHEAT+2330	proteomics_heat	970330	970404	+	1	2	K.CAFSDDTVIVNVQGDEPMIPATIIR.Q	29
PHEAT+2331	proteomics_heat	970432	970503	+	1	4	R.QVGMATLAVPIHNAEEAFNPNAVK.V	28
PHEAT+2332	proteomics_heat	970573	970614	+	1	2	R.FAEGLETVDGNFLR.H	18
PHEAT+2333	proteomics_heat	970657	970713	+	1	2	R.YVNWQPSPLEHIEMLEQLR.V	23
PHEAT+2334	proteomics_heat	970735	970800	+	1	5	K.IHVAVAQVEVPGTGVDTPEDLER.V	26
PHEAT+2335	proteomics_heat	972901	972942	+	1	2	R.VLDAGGGEGQTAIK.M	18
PHEAT+2336	proteomics_heat	974070	974126	+	3	2	R.LMDEQQQVVKDDIAQLLNK.D	23
PHEAT+2337	proteomics_heat	974190	974246	+	3	3	R.ELQDTLEAAGDKLQANLLR.I	23
PHEAT+2338	proteomics_heat	974247	974294	+	3	2	R.IQDATMTHDDLHFVDR.L	20
PHEAT+2339	proteomics_heat	974544	974606	+	3	6	R.DEEVTGELPEDLEYEEFNEIR.E	25
PHEAT+2340	proteomics_heat	974835	974861	+	3	2	K.VQAHVIDKY.-	13
PHEAT+2341	proteomics_heat	974884	974937	+	1	5	K.LAQALANPLFPALDSALR.S	22
PHEAT+2342	proteomics_heat	975025	975045	+	1	2	R.YNVELIR.A	11
PHEAT+2343	proteomics_heat	975169	975240	+	1	8	R.LANEGIFTQQELYDELLTLADEAK.L	28
PHEAT+2344	proteomics_heat	975463	975546	+	1	6	R.DGEAMPIENHLQLNDETEENQPDSGEEEE.-	32
PHEAT+2345	proteomics_heat	975612	975668	+	3	2	R.TFDLDELVTLSGGNGAGK.S	23
PHEAT+2346	proteomics_heat	975669	975731	+	3	3	K.STTMAAFVTALIPDLTLLHFR.N	25
PHEAT+2347	proteomics_heat	975891	975977	+	3	5	R.KVDIKPFATQGLPMSVQPTQLVTETLNER.Q	33
PHEAT+2348	proteomics_heat	975894	975977	+	3	3	K.VDIKPFATQGLPMSVQPTQLVTETLNER.Q	32

PHEAT+2349	proteomics_heat	975987	976046	+	3	3	R.VLPLNELKDKLEAMEGVQFK.Q	24
PHEAT+2350	proteomics_heat	976194	976235	+	3	2	R.SLRDYLLPENSGVR.K	18
PHEAT+2351	proteomics_heat	976299	976328	+	3	2	R.VTQSDRDLFK.H	14
PHEAT+2352	proteomics_heat	976329	976376	+	3	2	K.HLISEATNYVAADYMR.H	20
PHEAT+2353	proteomics_heat	976701	976784	+	3	4	R.AEAAELEVDELKSQLADYQQALDVQQTR.A	32
PHEAT+2354	proteomics_heat	976737	976784	+	3	3	K.SQLADYQQALDVQQTR.A	20
PHEAT+2355	proteomics_heat	976785	976823	+	3	2	R.AIQYNQAIALNR.A	17
PHEAT+2356	proteomics_heat	976830	976898	+	3	4	K.ELCHLPDLTADCAAEWLETFQAK.E	27
PHEAT+2357	proteomics_heat	977076	977105	+	3	6	R.HLAEQVQPLR.M	14
PHEAT+2358	proteomics_heat	977133	977159	+	3	2	R.LREQQEAER.L	13
PHEAT+2359	proteomics_heat	977193	977243	+	3	3	K.NFDIDELEALHQELEAR.I	21
PHEAT+2360	proteomics_heat	977289	977327	+	3	3	R.MALRQEQEQLQSR.I	17
PHEAT+2361	proteomics_heat	977505	977534	+	3	5	R.KNAVDEEIER.L	14
PHEAT+2362	proteomics_heat	977535	977567	+	3	2	R.LSQPGGSEDQR.L	15
PHEAT+2363	proteomics_heat	977589	977675	+	3	2	R.FGGVLLSEIYDDVSLEDAPYFSALYGPSR.H	33
PHEAT+2364	proteomics_heat	978009	978065	+	3	5	R.FIGSHLAVAFESDPEAEIR.Q	23
PHEAT+2365	proteomics_heat	978099	978137	+	3	5	R.ALSNHENDNQQR.I	17
PHEAT+2366	proteomics_heat	978252	978278	+	3	2	R.LDEAQEAAR.F	13
PHEAT+2367	proteomics_heat	978279	978311	+	3	2	R.FVQQFGNQLAK.L	15
PHEAT+2368	proteomics_heat	978312	978401	+	3	2	K.LEPIVSVLQSDPEQFEQLKEDYAYSQQMQR.D	34
PHEAT+2369	proteomics_heat	978450	978512	+	3	2	R.AHFSYSDSAEMLSGNSDLNEK.L	25
PHEAT+2370	proteomics_heat	978573	978623	+	3	13	R.GHAAQLSQYNQVLASLK.S	21
PHEAT+2371	proteomics_heat	978789	978830	+	3	3	K.ALTFACEAMDNLTR.K	18
PHEAT+2372	proteomics_heat	979023	979052	+	3	3	R.LAVADNEHLR.D	14
PHEAT+2373	proteomics_heat	979161	979211	+	3	2	R.TDDPVEAIEQMEIELSR.L	21
PHEAT+2374	proteomics_heat	979317	979370	+	3	2	R.MLNQGLQNVSFGQVNSVR.L	22
PHEAT+2375	proteomics_heat	979824	979874	+	3	2	R.LQMQLIIAAPENISPEK.G	21
PHEAT+2376	proteomics_heat	982945	982983	+	1	3	R.LAALVDPGGDAEK.I	17
PHEAT+2377	proteomics_heat	983158	983199	+	1	2	R.MFGLEECQPLTPDR.W	18
PHEAT+2378	proteomics_heat	983368	983406	+	1	4	R.GDHNQLISSIKDK.L	17
PHEAT+2379	proteomics_heat	983368	983400	+	1	4	R.GDHNQLISSIK.D	15
PHEAT+2380	proteomics_heat	983407	983478	+	1	3	K.LLPLGDDVIFIPGHGPLSTLGYER.L	28
PHEAT+2381	proteomics_heat	983479	983517	+	1	2	R.LHNPFLQDEMPVW.-	17
PHEAT+2382	proteomics_heat	983845	983922	+	1	5	S.SRRRSTCSFVRPLKENMPFCLMIK.LK.S	30
PHEAT+2383	proteomics_heat	989887	989943	+	1	2	R.APDYQITDIDLTFDLDAQK.T	23
PHEAT+2384	proteomics_heat	990025	990069	+	1	2	K.LVSVHINDEPWTAWK.E	19
PHEAT+2385	proteomics_heat	990124	990222	+	1	4	K.IINEISPAANTALEGLYQSGDALCTQCEAEGFR.H	37
PHEAT+2386	proteomics_heat	990223	990264	+	1	5	R.HITYYLDLDRPDVLAR.F	18
PHEAT+2387	proteomics_heat	990292	990327	+	1	5	K.IKYPFLLSNGNR.V	16
PHEAT+2388	proteomics_heat	990328	990357	+	1	4	R.VAQGELENGR.H	14
PHEAT+2389	proteomics_heat	990643	990666	+	1	2	K.GLNIFNSK.Y	12
PHEAT+2390	proteomics_heat	990682	990723	+	1	4	R.TDTATDKDYLDIER.V	18
PHEAT+2391	proteomics_heat	990724	990765	+	1	3	R.VIGHEYFHNWTGNR.V	18
PHEAT+2392	proteomics_heat	990823	990855	+	1	6	R.DQEFSSDLGSR.A	15
PHEAT+2393	proteomics_heat	991012	991050	+	1	10	R.MIHTLLGEENFQK.G	17
PHEAT+2394	proteomics_heat	991051	991074	+	1	3	K.GMQLYFER.H	12

PHEAT+2395	proteomics_heat	991075	991155	+	1	3	R.HDGSAAATCDDFVQAMEDASNVDLSHFR.R	31
PHEAT+2396	proteomics_heat	991198	991248	+	1	10	K.DDYNPETEQYTLTISR.T	21
PHEAT+2397	proteomics_heat	991249	991278	+	1	4	R.TPATPDQAEK.Q	14
PHEAT+2398	proteomics_heat	991279	991329	+	1	3	K.QPLHIPFAIELYDNEGK.V	21
PHEAT+2399	proteomics_heat	991480	991512	+	1	2	K.WSDQQLTFLMR.H	15
PHEAT+2400	proteomics_heat	991537	991575	+	1	2	R.WDAAQSLLATYIK.L	17
PHEAT+2401	proteomics_heat	991591	991644	+	1	3	R.HQQGQPLSLPVHVADAFR.A	22
PHEAT+2402	proteomics_heat	991666	991767	+	1	4	K.IDPALAAEILTLPSVNEMAELFDIIDPIAIAEVR.E	38
PHEAT+2403	proteomics_heat	991702	991767	+	1	7	L.PSVNEMAELFDIIDPIAIAEVR.E	26
PHEAT+2404	proteomics_heat	991783	991851	+	1	33	R.TLATELADELLAIYNANYQSEYR.V	27
PHEAT+2405	proteomics_heat	991783	991875	+	1	6	R.TLATELADELLAIYNANYQSEYRVEHEDIK.R	35
PHEAT+2406	proteomics_heat	991852	991875	+	1	2	R.VEHEDIK.R	12
PHEAT+2407	proteomics_heat	991903	991950	+	1	16	R.FLAFGETHLADVLVSK.Q	20
PHEAT+2408	proteomics_heat	991951	992028	+	1	8	K.QFHEANMTDALAALSAAVAAQLPCR.D	30
PHEAT+2409	proteomics_heat	992029	992088	+	1	2	R.DALMQEYDDKWHQNGLVMDK.W	24
PHEAT+2410	proteomics_heat	992089	992142	+	1	7	K.WFILQATSPAANVLETVR.G	22
PHEAT+2411	proteomics_heat	992161	992187	+	1	3	R.SFTMSNPNR.I	13
PHEAT+2412	proteomics_heat	992290	992340	+	1	3	L.NSRNPQVASRLIEPLIR.L	21
PHEAT+2413	proteomics_heat	1004012	1004041	+	2	2	R.KALFQLDPER.A	14
PHEAT+2414	proteomics_heat	1004042	1004071	+	2	3	R.AHEFTFQQLR.R	14
PHEAT+2415	proteomics_heat	1004108	1004155	+	2	2	R.QKVPKPVNMGMLTFK.N	20
PHEAT+2416	proteomics_heat	1004327	1004377	+	2	4	R.MGFNNLGVNLDLVENVK.A	21
PHEAT+2417	proteomics_heat	1004327	1004374	+	2	2	R.MGFNNLGVNLDLVENVK.K	20
PHEAT+2418	proteomics_heat	1004378	1004416	+	2	5	K.AHYDGVLGINIGK.N	17
PHEAT+2419	proteomics_heat	1004417	1004473	+	2	5	K.NKDTPVEQGKDDYLCMEK.I	23
PHEAT+2420	proteomics_heat	1004537	1004584	+	2	7	R.TLQYGEALDLDLLTAIK.N	20
PHEAT+2421	proteomics_heat	1004642	1004698	+	2	16	K.IAPDLSEEELIQVADSLVR.H	23
PHEAT+2422	proteomics_heat	1004699	1004743	+	2	10	R.HNIDGVIATNTTLDR.S	19
PHEAT+2423	proteomics_heat	1004765	1004812	+	2	2	K.NCDQTGGLSGRPLQLK.S	20
PHEAT+2424	proteomics_heat	1004858	1004905	+	2	3	R.LPIIGVGGIDSVIAAR.E	20
PHEAT+2425	proteomics_heat	1004906	1004962	+	2	2	R.EKIAAGASLVQIYSGFIFK.G	23
PHEAT+2426	proteomics_heat	1004912	1004962	+	2	7	K.IAAGASLVQIYSGFIFK.G	21
PHEAT+2427	proteomics_heat	1005355	1005432	+	1	5	F.EEKCRDFNLSKEQKAELVLNALVAIR.Y	30
PHEAT+2428	proteomics_heat	1007097	1007180	+	3	2	R.GLEELLKTELENLGAVECQVVQGGVHFK.G	32
PHEAT+2429	proteomics_heat	1007811	1007864	+	3	3	R.KGLAEYSSHFYGSDDAR.V	22
PHEAT+2430	proteomics_heat	1007967	1008011	+	3	3	K.GPYGTVLSNPPYGER.L	19
PHEAT+2431	proteomics_heat	1008012	1008059	+	3	2	R.LDSEPALIALHSLGR.I	20
PHEAT+2432	proteomics_heat	1008192	1008260	+	3	4	K.NYHVAESTPDSKPAMVAEDYTNR.L	27
PHEAT+2433	proteomics_heat	1008324	1008368	+	3	3	R.LYDADLPEYNVAVDR.Y	19
PHEAT+2434	proteomics_heat	1008681	1008752	+	3	2	K.GKDFLNLFSYTGSA TVHAGLGGAR.S	28
PHEAT+2435	proteomics_heat	1009553	1009600	+	2	5	K.VQEQLDHHNLWQLENR.I	20
PHEAT+2436	proteomics_heat	1009601	1009675	+	2	4	R.INEVLAQLGLDPNVALSSLSGGWLR.K	29
PHEAT+2437	proteomics_heat	1009787	1009825	+	2	2	K.TFNGTIIFISHDR.S	17
PHEAT+2438	proteomics_heat	1009877	1009921	+	2	2	K.LVTYPGNYDQYLLEK.E	19
PHEAT+2439	proteomics_heat	1010411	1010440	+	2	2	K.QEVMVNGKPR.H	14
PHEAT+2440	proteomics_heat	1010768	1010812	+	2	2	R.GQQEQYVALKQPAVK.K	19

PHEAT+2441	proteomics_heat	1010936	1011004	+	2	2	K.LEALQTQVADASFFSQPHEQTQK.V	27
PHEAT+2442	proteomics_heat	1011005	1011058	+	2	2	K.VLADMAAAEQELEQAFER.W	22
PHEAT+2443	proteomics_heat	1013028	1013069	+	3	3	R.VGSVETSTFDTQKR.N	18
PHEAT+2444	proteomics_heat	1013142	1013183	+	3	2	K.DSGIAVDLTSAGMR.V	18
PHEAT+2445	proteomics_heat	1014329	1014382	+	2	2	K.YVIANNLWASPLDQQLR.N	22
PHEAT+2446	proteomics_heat	1014509	1014559	+	2	4	K.VIVSGEWLLNHQGQLIK.R	21
PHEAT+2447	proteomics_heat	1014572	1014616	+	2	2	R.LEGVQTDQDGYDEMVK.V	19
PHEAT+2448	proteomics_heat	1014617	1014670	+	2	2	K.VLAGVWSQEAAASIAQEIK.R	22
PHEAT+2449	proteomics_heat	1018047	1018100	+	3	3	K.TLSETIVQLIEDAENKEK.Y	22
PHEAT+2450	proteomics_heat	1024204	1024263	+	1	2	R.LQHNQAYTEAMLTEYADFFR.Q	24
PHEAT+2451	proteomics_heat	1024303	1024359	+	1	2	R.AVVNGEHSLLVLGAGSGK.T	23
PHEAT+2452	proteomics_heat	1024906	1024965	+	1	11	K.AENAVDFSGLIHQAIIVILEK.G	24
PHEAT+2453	proteomics_heat	1025266	1025301	+	1	2	K.KPLNSLTNGDKK.A	16
PHEAT+2454	proteomics_heat	1027271	1027315	+	2	5	K.YLLDQGYHVIPVSPK.V	19
PHEAT+2455	proteomics_heat	1027346	1027402	+	2	4	K.GYGTADVPEKVDMDVFR.N	23
PHEAT+2456	proteomics_heat	1027403	1027456	+	2	2	R.NSEAAWGVAQEAIAGAK.T	22
PHEAT+2457	proteomics_heat	1027457	1027510	+	2	2	K.TLWMQLGVINEQAAVLAR.D	22
PHEAT+2458	proteomics_heat	1027511	1027540	+	2	3	R.DAGLNVVMDR.C	14
PHEAT+2459	proteomics_heat	1029398	1029457	+	2	5	K.NLDDGSVEVVACGEEGQVEK.L	24
PHEAT+2460	proteomics_heat	1029509	1029556	+	2	3	R.VLSEPHHPSGELTDFR.I	20
PHEAT+2461	proteomics_heat	1051314	1051352	+	3	2	K.QAETEIADFIAQK.I	17
PHEAT+2462	proteomics_heat	1051413	1051448	+	3	5	R.EKMTGLESYDVK.I	16
PHEAT+2463	proteomics_heat	1051413	1051448	+	3	5	R.EKMTGLESYDVK.I	16
PHEAT+2464	proteomics_heat	1051419	1051448	+	3	3	K.MTGLESYDVK.I	14
PHEAT+2465	proteomics_heat	1051419	1051448	+	3	3	K.MTGLESYDVK.I	14
PHEAT+2466	proteomics_heat	1065156	1065230	+	3	2	R.TVATAQFFITGAFPGCDIPVHHQEK.M	29
PHEAT+2467	proteomics_heat	1065231	1065317	+	3	4	K.MGMTDPTFNPVITDDSAAFSEQAVAAMEK.E	33
PHEAT+2468	proteomics_heat	1065366	1065398	+	3	2	K.IVNYKDSPACK.E	15
PHEAT+2469	proteomics_heat	1065651	1065686	+	3	3	R.NVAKPLVSYIDK.A	16
PHEAT+2470	proteomics_heat	1071107	1071178	+	2	26	V.DFVNRGVIFPVGNKDAVEGHIRHR.A	28
PHEAT+2471	proteomics_heat	1079977	1080021	+	1	5	R.FAEADAHYHSAPPSR.L	19
PHEAT+2472	proteomics_heat	1081565	1081621	+	2	2	K.VTVTDKQCEPMTITVNAGK.T	23
PHEAT+2473	proteomics_heat	1081622	1081654	+	2	10	K.TQFIIQNHQSQK.A	15
PHEAT+2474	proteomics_heat	1081679	1081702	+	2	2	K.GVMVVEER.E	12
PHEAT+2475	proteomics_heat	1081733	1081795	+	2	5	K.MTANLQPGYDMTCGLLTNPK.G	25
PHEAT+2476	proteomics_heat	1081814	1081885	+	2	5	K.GEATADAAQSDALLSLGGAITAYK.A	28
PHEAT+2477	proteomics_heat	1082012	1082065	+	2	12	R.IEPIAELFSDLDGSIDAR.E	22
PHEAT+2478	proteomics_heat	1082129	1082155	+	2	2	K.ALFGDNNTTK.G	13
PHEAT+2479	proteomics_heat	1082156	1082209	+	2	4	K.GMDQYAEQLYTDVVDLQK.R	22
PHEAT+2480	proteomics_heat	1082243	1082290	+	2	3	K.VVGGGAAGLIEVAASK.I	20
PHEAT+2481	proteomics_heat	1082291	1082365	+	2	2	K.ISGEEDRYSHDLDWDFQANVEGSQK.I	29
PHEAT+2482	proteomics_heat	1082441	1082464	+	2	5	K.KVDITLAK.Y	12
PHEAT+2483	proteomics_heat	1082471	1082518	+	2	3	R.TKDGFFETYDKLTDADR.N	20
PHEAT+2484	proteomics_heat	1082477	1082500	+	2	5	K.DGFETYDK.L	12
PHEAT+2485	proteomics_heat	1082519	1082572	+	2	19	R.NALKGPIALAEDLAQLR.G	22
PHEAT+2486	proteomics_heat	1086032	1086070	+	2	4	K.LDCVNNETDQAGE.G	17

PHEAT+2487	proteomics_heat	1097205	1097273	+	3	5	K.SGDNDSADYALVWHPPEMLAGR.D	27
PHEAT+2488	proteomics_heat	1097283	1097327	+	3	2	K.AVFALGAGVDSILSK.L	19
PHEAT+2489	proteomics_heat	1097328	1097375	+	3	5	K.LQAHPPEMLNPSVPLFR.L	20
PHEAT+2490	proteomics_heat	1097376	1097444	+	3	22	R.LEDTGMGEQMQEYAVSQVLHWFR.R	27
PHEAT+2491	proteomics_heat	1097685	1097753	+	3	7	R.VLINLLPNTPETVGIINQQLLEK.L	27
PHEAT+2492	proteomics_heat	1097754	1097789	+	3	3	K.LPDGAYLLNLAR.G	16
PHEAT+2493	proteomics_heat	1097790	1097840	+	3	8	R.GVHVVEDDLAALDSGK.V	21
PHEAT+2494	proteomics_heat	1097847	1097915	+	3	8	K.GAMLDVFNREPLPPESPLWQHPR.V	27
PHEAT+2495	proteomics_heat	1097916	1097981	+	3	3	R.VTITPHVAITRPAEAVEYISR.T	26
PHEAT+2496	proteomics_heat	1097934	1097981	+	3	6	H.VAATRPAEAVEYISR.T	20
PHEAT+2497	proteomics_heat	1098102	1098185	+	3	6	V.MYPVDLHMHTVASTHAYSTLSDYIAQAK.Q	32
PHEAT+2498	proteomics_heat	1098333	1098365	+	3	3	K.NVDGEIDCSGK.M	15
PHEAT+2499	proteomics_heat	1098432	1098509	+	3	7	K.ATNTQAMIAIASGNVHIISHPGNPK.Y	30
PHEAT+2500	proteomics_heat	1098552	1098599	+	3	2	K.HQVALEINSSFLHSR.K	20
PHEAT+2501	proteomics_heat	1098914	1098958	+	2	5	R.QPQDPLLVLPLTLIR.E	19
PHEAT+2502	proteomics_heat	1099313	1099345	+	2	2	K.VEAHATTPFWR.T	15
PHEAT+2503	proteomics_heat	1105055	1105084	+	2	2	R.IHVVGQDITK.L	14
PHEAT+2504	proteomics_heat	1105271	1105303	+	2	3	K.AVVHTVGPVWR.G	15
PHEAT+2505	proteomics_heat	1105361	1105432	+	2	2	R.LVAANSYTSVAFFAISTGVYGYPR.A	28
PHEAT+2506	proteomics_heat	1108723	1108761	+	1	7	K.YADYQQIQFNHDK.A	17
PHEAT+2507	proteomics_heat	1108783	1108839	+	1	8	K.TPFKLEFYHQGMFYDTPVK.I	23
PHEAT+2508	proteomics_heat	1108795	1108839	+	1	6	K.LEFYHQGMFYDTPVK.I	19
PHEAT+2509	proteomics_heat	1108840	1108872	+	1	3	K.INEVTATAVKR.I	15
PHEAT+2510	proteomics_heat	1108873	1108935	+	1	6	R.IKYSPTYFTFGDVQHDKDTVK.D	25
PHEAT+2511	proteomics_heat	1108984	1109031	+	1	17	K.DKNDEIVSMLGASYFR.V	20
PHEAT+2512	proteomics_heat	1109032	1109070	+	1	4	R.VIGAGQVYGLSAR.G	17
PHEAT+2513	proteomics_heat	1109071	1109118	+	1	4	R.GLAIDTALPSGEEFPR.F	20
PHEAT+2514	proteomics_heat	1109119	1109142	+	1	2	R.FKEFWIER.P	12
PHEAT+2515	proteomics_heat	1109161	1109196	+	1	2	K.RLTIYALLDSPR.A	16
PHEAT+2516	proteomics_heat	1109215	1109262	+	1	4	K.FVVMGPRDTPVVDVQSK.I	20
PHEAT+2517	proteomics_heat	1109236	1109262	+	1	17	R.DTVVDVQSK.I	13
PHEAT+2518	proteomics_heat	1109443	1109502	+	1	4	K.HLAVSSFSMENPQGFGLLQR.G	24
PHEAT+2519	proteomics_heat	1109593	1109703	+	1	2	K.GSVELVEIPTNDETNDNIVAYWTPDQLPEPGKEMNFK.Y	41
PHEAT+2520	proteomics_heat	1109593	1109688	+	1	9	K.GSVELVEIPTNDETNDNIVAYWTPDQLPEPGK.E	36
PHEAT+2521	proteomics_heat	1109704	1109775	+	1	4	K.YTITFSRDEDKLHAPDNAWVQQR.R	28
PHEAT+2522	proteomics_heat	1109725	1109775	+	1	6	R.DEDKLHAPDNAWVQQR.R	21
PHEAT+2523	proteomics_heat	1109815	1109868	+	1	8	R.QPDGTIAFVVDFTGAEMK.K	22
PHEAT+2524	proteomics_heat	1109869	1109946	+	1	7	K.KLPEDTPVTAQTSIGDNGEIVESTVR.Y	30
PHEAT+2525	proteomics_heat	1109872	1109946	+	1	2	K.LPEDTPVTAQTSIGDNGEIVESTVR.Y	29
PHEAT+2526	proteomics_heat	1110095	1110139	+	2	2	K.TTEYIDAMPAAASEK.A	19
PHEAT+2527	proteomics_heat	1110167	1110199	+	2	2	R.AVHQALDAEHR.T	15
PHEAT+2528	proteomics_heat	1111169	1111216	+	2	2	R.LMEANPNAGIIQSSPK.A	20
PHEAT+2529	proteomics_heat	1111352	1111456	+	2	2	R.VKPFIEHCALAPLPGEGSFAGSILSHDFVEAALMR.R	39
PHEAT+2530	proteomics_heat	1112309	1112386	+	2	6	R.SLDDGFMHAVFNPSFNALATAMATAR.H	30
PHEAT+2531	proteomics_heat	1112420	1112461	+	2	4	R.DRHVEQALNETPEK.L	18
PHEAT+2532	proteomics_heat	1112426	1112461	+	2	7	R.HVEQALNETPEK.L	16

PHEAT+2533	proteomics_heat	1116498	1116563	+	3	3	R.NHYEYEVGHFENALEIPADTFR.E	26
PHEAT+2534	proteomics_heat	1125082	1125126	+	1	4	R.GSFHACYLGSYIGQK.W	19
PHEAT+2535	proteomics_heat	1125437	1125502	+	2	2	K.QVTTPEQYPLSVNGVVTACNQK.T	26
PHEAT+2536	proteomics_heat	1125503	1125574	+	2	5	K.TNREPVMNLSESEVQEQLDNLVKR.H	28
PHEAT+2537	proteomics_heat	1125503	1125571	+	2	4	K.TNREPVMNLSESEVQEQLDNLVK.R	27
PHEAT+2538	proteomics_heat	1125662	1125706	+	2	8	K.LSAAEVALITTTLLLR.G	19
PHEAT+2539	proteomics_heat	1125749	1125832	+	2	5	R.MYEFSDMAEVESTLEQLANREDGPFVVR.L	32
PHEAT+2540	proteomics_heat	1125866	1125952	+	2	3	R.YMHLFSGEVEDQPAVTDMSNAVDGDLQAR.V	33
PHEAT+2541	proteomics_heat	1126842	1126913	+	3	2	R.HFIECVQNQTVPQTAGEQAVLAQR.I	28
PHEAT+2542	proteomics_heat	1135150	1135191	+	1	2	R.ADVEASGGNTFNGK.G	18
PHEAT+2543	proteomics_heat	1135288	1135323	+	1	2	K.QIAINQGTFFIR.F	16
PHEAT+2544	proteomics_heat	1144163	1144189	+	2	2	T.MKTETPSVK.I	13
PHEAT+2545	proteomics_heat	1144379	1144423	+	2	6	R.VAEREEAVSPHLQK.V	19
PHEAT+2546	proteomics_heat	1144598	1144627	+	2	2	R.DTSGVLLVAK.K	14
PHEAT+2547	proteomics_heat	1144787	1144819	+	2	2	R.VSQEGKPSETR.F	15
PHEAT+2548	proteomics_heat	1144898	1144942	+	2	3	R.VHTQYAGHPHIAFDDR.Y	19
PHEAT+2549	proteomics_heat	1145000	1145026	+	2	5	R.LFLHAAALK.F	13
PHEAT+2550	proteomics_heat	1145027	1145059	+	2	2	K.FTHPGTGEVMR.I	15
PHEAT+2551	proteomics_heat	1146026	1146058	+	2	5	K.VKLPLTLDPVR.T	15
PHEAT+2552	proteomics_heat	1146071	1146115	+	2	4	K.RLDYQGIYTPDQVER.V	19
PHEAT+2553	proteomics_heat	1146074	1146115	+	2	4	R.LDYQGIYTPDQVER.V	18
PHEAT+2554	proteomics_heat	1146188	1146214	+	2	3	R.LAVLNGDAK.V	13
PHEAT+2555	proteomics_heat	1146638	1146700	+	2	2	R.RSHDALTAVTSLSDKTSGEK.H	25
PHEAT+2556	proteomics_heat	1146638	1146685	+	2	18	R.RSHDALTAVTSLSDK.T	20
PHEAT+2557	proteomics_heat	1146641	1146700	+	2	18	R.SHDALTAVTSLSDKTSGEK.H	24
PHEAT+2558	proteomics_heat	1146641	1146685	+	2	67	R.SHDALTAVTSLSDK.T	19
PHEAT+2559	proteomics_heat	1146710	1146739	+	2	15	R.HHITADGYR.G	14
PHEAT+2560	proteomics_heat	1147684	1147737	+	1	2	R.FSHLNPQYNGACLLGLR.G	22
PHEAT+2561	proteomics_heat	1147994	1148032	+	2	4	K.IIGTGSYLPEQVR.T	17
PHEAT+2562	proteomics_heat	1148054	1148089	+	2	2	K.MVDTSEWIVTR.T	16
PHEAT+2563	proteomics_heat	1148108	1148164	+	2	8	R.HIAAPNETVSTMGFEEATR.A	23
PHEAT+2564	proteomics_heat	1148285	1148362	+	2	18	K.GCPAFDVAAACAGFTYALSVDQYVK.S	30
PHEAT+2565	proteomics_heat	1148570	1148623	+	2	7	R.VNPENSIHLTMAGNEVFK.V	22
PHEAT+2566	proteomics_heat	1148624	1148686	+	2	6	K.VAVTELAHIVDETLAANNLDR.S	25
PHEAT+2567	proteomics_heat	1148687	1148728	+	2	6	R.SQLDWLVPHQANLR.I	18
PHEAT+2568	proteomics_heat	1148750	1148794	+	2	8	K.KLGMSMDNVVTLDR.H	19
PHEAT+2569	proteomics_heat	1148753	1148794	+	2	2	K.LGMSMDNVVTLDR.H	18
PHEAT+2570	proteomics_heat	1148795	1148848	+	2	10	R.HGNTSAAASVPCALDEAVR.D	22
PHEAT+2571	proteomics_heat	1149125	1149175	+	2	22	K.TWQTQPALLTASVALYR.V	21
PHEAT+2572	proteomics_heat	1149176	1149199	+	2	4	R.VWQQQGGK.A	12
PHEAT+2573	proteomics_heat	1149200	1149286	+	2	31	K.APAMMAGHSLGEYSALVCAGVIDFADAVR.L	33
PHEAT+2574	proteomics_heat	1149302	1149385	+	2	3	R.GKFMQEAVPEGTGAMAAIIGLDDASIAK.A	32
PHEAT+2575	proteomics_heat	1149308	1149385	+	2	11	K.FMQEAVPEGTGAMAAIIGLDDASIAK.A	30
PHEAT+2576	proteomics_heat	1149308	1149394	+	2	3	K.FMQEAVPEGTGAMAAIIGLDDASIAKACE.E	33
PHEAT+2577	proteomics_heat	1149386	1149469	+	2	13	K.ACEEAAEGQVVSPVNFNSPGQVVIAGHK.E	32
PHEAT+2578	proteomics_heat	1149389	1149469	+	2	2	A.CEEAAEGQVVSPVNFNSPGQVVIAGHK.E	31

PHEAT+2579	proteomics_heat	1149518	1149583	+	2	4	K.RALPLPVSVP SHCALMKPAADK.L	26
PHEAT+2580	proteomics_heat	1149518	1149562	+	2	3	K.RALPLPVSVP SHCAL.M	19
PHEAT+2581	proteomics_heat	1149518	1149556	+	2	2	K.RALPLPVSVP SHC.A	17
PHEAT+2582	proteomics_heat	1149521	1149604	+	2	8	R.ALPLPVSVP SHCALMKPAADKLAVELAK.I	32
PHEAT+2583	proteomics_heat	1149521	1149583	+	2	5	R.ALPLPVSVP SHCALMKPAADK.L	25
PHEAT+2584	proteomics_heat	1149521	1149562	+	2	2	R.ALPLPVSVP SHCAL.M	18
PHEAT+2585	proteomics_heat	1149557	1149604	+	2	2	C.ALMKPAADKLAVELAK.I	20
PHEAT+2586	proteomics_heat	1149569	1149604	+	2	2	K.PAADKLAVELAK.I	16
PHEAT+2587	proteomics_heat	1149605	1149655	+	2	13	K.ITFNAPTVPV VNNVDVK.C	21
PHEAT+2588	proteomics_heat	1149728	1149787	+	2	36	K.SVEYMAAQV EHVLYEVGPGK.V	24
PHEAT+2589	proteomics_heat	1149728	1149817	+	2	2	K.SVEYMAAQV EHVLYEVGPGKVLTKRIV.D	34
PHEAT+2590	proteomics_heat	1149809	1149877	+	2	5	K.RIVDTLTASALNEPSAMAAALEL.-	27
PHEAT+2591	proteomics_heat	1149893	1149910	+	2	3	I.MNFEGK.I	10
PHEAT+2592	proteomics_heat	1149911	1149937	+	2	5	K.IALVTGASR.G	13
PHEAT+2593	proteomics_heat	1149950	1149976	+	2	2	R.AIAETLAAR.G	13
PHEAT+2594	proteomics_heat	1149986	1150054	+	2	4	K.VIGTATSENGAQ AISDYL GANGK.G	27
PHEAT+2595	proteomics_heat	1150055	1150108	+	2	18	K.GLMLNVTDPASIESVLEK.I	22
PHEAT+2596	proteomics_heat	1150115	1150165	+	2	36	R.AEFGVDILV N NAGITR.D	21
PHEAT+2597	proteomics_heat	1150184	1150240	+	2	40	R.MKDEEWNDI IETNLSSVFR.L	23
PHEAT+2598	proteomics_heat	1150262	1150357	+	2	2	R.AMMKKRHGR IITIGSVVGTMGNGGQANYAAAK.A	36
PHEAT+2599	proteomics_heat	1150289	1150357	+	2	9	R.IITIGSVVGT MGNGGQANYAAAK.A	27
PHEAT+2600	proteomics_heat	1150358	1150381	+	2	2	K.AGLIGFSK.S	12
PHEAT+2601	proteomics_heat	1150409	1150462	+	2	12	R.GITVNVVAP GFIEDMTR.A	22
PHEAT+2602	proteomics_heat	1150484	1150516	+	2	5	R.AGILAQVPAGR.L	15
PHEAT+2603	proteomics_heat	1150865	1150894	+	2	29	K.KIIGEQLGVK.Q	14
PHEAT+2604	proteomics_heat	1150868	1150894	+	2	5	K.IIGEQLGVK.Q	13
PHEAT+2605	proteomics_heat	1150868	1150897	+	2	2	K.IIGEQLGVKQ.E	14
PHEAT+2606	proteomics_heat	1150973	1151023	+	2	2	M.ALEEEFDTE IPDEEAEK.I	21
PHEAT+2607	proteomics_heat	1151024	1151071	+	2	105	K.ITTVQAAIDY INGHQA.-	20
PHEAT+2608	proteomics_heat	1151177	1151239	+	2	6	R.VVVTGLGML SPVGN TVESTWK.A	25
PHEAT+2609	proteomics_heat	1151240	1151308	+	2	6	K.ALLAQSGISL IDHFDTSAYATK.F	27
PHEAT+2610	proteomics_heat	1151327	1151356	+	2	8	K.DFNCEDIISR.K	14
PHEAT+2611	proteomics_heat	1151369	1151461	+	2	18	R.KMDAFIQYGI VAGVQAMQDSGLEITEENATR.I	35
PHEAT+2612	proteomics_heat	1151462	1151545	+	2	12	R.IGAAIGSGIG GLIEENHTSLMNGGPR.K	32
PHEAT+2613	proteomics_heat	1151690	1151740	+	2	9	R.IIAYGDADVM VAGGAEK.A	21
PHEAT+2614	proteomics_heat	1151741	1151782	+	2	2	K.ASTPLGVGGF GAAR.A	18
PHEAT+2615	proteomics_heat	1151798	1151836	+	2	3	R.NDNPQAASRP WDK.E	17
PHEAT+2616	proteomics_heat	1151843	1151905	+	2	3	R.DGFVLGDGAG MLVLEEYEHAK.K	25
PHEAT+2617	proteomics_heat	1152029	1152121	+	2	6	R.DAGIEASQIGY VNAHGTSTPAGDKAEQAVK.T	35
PHEAT+2618	proteomics_heat	1152170	1152238	+	2	10	K.SMTGHLLGAAG AVESIYSILALR.D	27
PHEAT+2619	proteomics_heat	1152350	1152394	+	2	4	C.NSFGFGGTNG SLIFK.K	19
PHEAT+2620	proteomics_heat	1154121	1154213	+	3	5	R.ADLETPTYNTY TITGLPPGAIATPGADSLK.A	35
PHEAT+2621	proteomics_heat	1154719	1154793	+	1	2	R.DAVLGDFRPDL TLYLDVTPEVGLKR.A	29
PHEAT+2622	proteomics_heat	1154893	1154949	+	1	4	K.SIHTIDATQP LEAVMDAIR.T	23
PHEAT+2623	proteomics_heat	1155119	1155157	+	2	2	E.PLFTLP TTAGPQK.L	17
PHEAT+2624	proteomics_heat	1155315	1155374	+	3	3	K.VVWVTDAALLT DAAANALLK.T	24

PHEAT+2625	proteomics_heat	1156324	1156362	+	1	2	R.QQESFIHHIQIGR.E	17
PHEAT+2626	proteomics_heat	1156438	1156482	+	1	3	K.VTDCGGVLHCFTEDR.E	19
PHEAT+2627	proteomics_heat	1157101	1157124	+	1	9	K.NAFANLQK.V	12
PHEAT+2628	proteomics_heat	1157365	1157424	+	1	2	K.TMAVVAPLVLHLPAAEIIASK.H	24
PHEAT+2629	proteomics_heat	1157425	1157493	+	1	31	K.HLADTGVLGGIISGAI AAYMFNR.F	27
PHEAT+2630	proteomics_heat	1157503	1157541	+	1	5	R.IKLPEYLGFFAGK.R	17
PHEAT+2631	proteomics_heat	1157809	1157838	+	1	7	R.YMAGDPTAGK.L	14
PHEAT+2632	proteomics_heat	1157863	1157922	+	1	12	K.MYGLPAAAIWHSAPENR.A	24
PHEAT+2633	proteomics_heat	1158274	1158327	+	1	15	K.ATGTSEMAPALVAAFVGGK.E	22
PHEAT+2634	proteomics_heat	1158328	1158363	+	1	3	K.ENITNLDACITR.L	16
PHEAT+2635	proteomics_heat	1158364	1158393	+	1	2	R.LRVSVADVSK.V	14
PHEAT+2636	proteomics_heat	1158370	1158393	+	1	4	R.VSVADVSK.V	12
PHEAT+2637	proteomics_heat	1158394	1158417	+	1	3	K.VDQAGLKK.L	12
PHEAT+2638	proteomics_heat	1158415	1158477	+	1	15	K.KLGAAGVVVAGSGVQAIIFGTK.S	25
PHEAT+2639	proteomics_heat	1158415	1158459	+	1	3	K.KLGAAGVVVAGSGVQ.A	19
PHEAT+2640	proteomics_heat	1158418	1158477	+	1	18	K.LGAAGVVVAGSGVQAIIFGTK.S	24
PHEAT+2641	proteomics_heat	1158478	1158516	+	1	12	K.SDNLKTEMDEYIR.N	17
PHEAT+2642	proteomics_heat	1161147	1161197	+	3	7	R.EIPSDIVYQDDLVTAFR.D	21
PHEAT+2643	proteomics_heat	1161198	1161299	+	3	5	R.DISQPAPTHILIPNLIPTVNDVSAEHEQALGR.M	38
PHEAT+2644	proteomics_heat	1161243	1161299	+	3	3	N.ILIPTVNDVSAEHEQALGR.M	23
PHEAT+2645	proteomics_heat	1161321	1161359	+	3	5	K.IAEQEGIAEDGYR.L	17
PHEAT+2646	proteomics_heat	1161755	1161823	+	2	3	R.SVTIPAHSAMVTLYGSANFLGAHK.V	27
PHEAT+2647	proteomics_heat	1162089	1162130	+	3	3	R.HYDWNAMQPMVSK.M	18
PHEAT+2648	proteomics_heat	1162131	1162193	+	3	6	K.MLGADGVTAGSVLLVDSVNNR.T	25
PHEAT+2649	proteomics_heat	1162194	1162238	+	3	3	R.TNGSLNAAEATETLR.N	19
PHEAT+2650	proteomics_heat	1162302	1162343	+	3	3	K.QQLGLSPQDSLGR.S	18
PHEAT+2651	proteomics_heat	1163549	1163602	+	2	3	R.LPAAQSFAALSGMEEGGK.L	22
PHEAT+2652	proteomics_heat	1163717	1163740	+	2	2	R.SYHADPQK.A	12
PHEAT+2653	proteomics_heat	1164164	1164205	+	2	4	R.KGAVSVLDNLSPIK.A	18
PHEAT+2654	proteomics_heat	1164366	1164419	+	3	5	A.MIIYLHGFDNSPGRNHEK.V	22
PHEAT+2655	proteomics_heat	1164420	1164455	+	3	3	K.VLQLQFIDPDVR.L	16
PHEAT+2656	proteomics_heat	1164522	1164593	+	3	8	K.MLQLNVDERPLICGVGLGGYWAER.I	28
PHEAT+2657	proteomics_heat	1164618	1164668	+	3	4	R.QVIFNPNLFPYENMEGK.I	21
PHEAT+2658	proteomics_heat	1164669	1164707	+	3	4	K.IDRPEEYADIATK.C	17
PHEAT+2659	proteomics_heat	1164792	1164851	+	3	10	R.TSEELHHYYEIVWDEEQTHK.F	24
PHEAT+2660	proteomics_heat	1165329	1165388	+	3	4	K.IVIVGGGAGGLEMATQLGHK.L	24
PHEAT+2661	proteomics_heat	1165452	1165526	+	3	2	K.PLLHEVATGSLDEGVDALSYLAHAR.N	29
PHEAT+2662	proteomics_heat	1165527	1165574	+	3	24	R.NHGFQFQLGVIDIDR.E	20
PHEAT+2663	proteomics_heat	1165584	1165643	+	3	5	K.TITIAELRDEKGELLVPERK.I	24
PHEAT+2664	proteomics_heat	1165584	1165640	+	3	3	K.TITIAELRDEKGELLVPERK.K	23
PHEAT+2665	proteomics_heat	1165608	1165643	+	3	2	R.DEKGELLVPERK.I	16
PHEAT+2666	proteomics_heat	1165644	1165712	+	3	2	K.IAYDTLVMALGSTSNDFNTPGVK.E	27
PHEAT+2667	proteomics_heat	1165713	1165751	+	3	3	K.ENCIFLDNPHQAR.R	17
PHEAT+2668	proteomics_heat	1165755	1165787	+	3	2	R.FHQEMLNLFK.Y	15
PHEAT+2669	proteomics_heat	1165788	1165817	+	3	2	K.YSANLGANGK.V	14
PHEAT+2670	proteomics_heat	1165818	1165889	+	3	2	K.VNIAIVGGGATGVLSAELHNAVK.Q	28

PHEAT+2671	proteomics_heat	1165914	1165964	+	3	8	K.GLTNEALNVTLVEAGER.I	21
PHEAT+2672	proteomics_heat	1165989	1166021	+	3	9	R.ISAAAHNELTK.L	15
PHEAT+2673	proteomics_heat	1166034	1166087	+	3	4	R.VLTQTMVTSADDEGLHTK.D	22
PHEAT+2674	proteomics_heat	1166157	1166183	+	3	3	K.DIGGLETNR.I	13
PHEAT+2675	proteomics_heat	1166184	1166225	+	3	2	R.INQLVVEPTLQTR.D	18
PHEAT+2676	proteomics_heat	1166226	1166297	+	3	4	R.DPDIYAIGDCASCPRPEGGFVPPR.A	28
PHEAT+2677	proteomics_heat	1166298	1166372	+	3	7	R.AQAAHQMATCAMNNILAQMNGKPLK.N	29
PHEAT+2678	proteomics_heat	1166373	1166456	+	3	2	K.NYQYKDHGSLVSLNFSTVGSLMGNLTR.G	32
PHEAT+2679	proteomics_heat	1166388	1166456	+	3	5	K.DHGSLVSLNFSTVGSLMGNLTR.G	27
PHEAT+2680	proteomics_heat	1168362	1168400	+	3	6	A.AVEVQSTPEGQQK.V	17
PHEAT+2681	proteomics_heat	1168401	1168487	+	3	2	K.VGTISANAGTNLGSLEEQLAQKADEMGAQ.S	33
PHEAT+2682	proteomics_heat	1168401	1168466	+	3	3	K.VGTISANAGTNLGSLEEQLAQK.A	26
PHEAT+2683	proteomics_heat	1168413	1168466	+	3	3	I.SANAGTNLGSLEEQLAQK.A	22
PHEAT+2684	proteomics_heat	1168497	1168550	+	3	6	R.ITSVTGPNTLHGTAVIYK.-	22
PHEAT+2685	proteomics_heat	1175986	1176066	+	1	2	K.STLLHLLGGDLTPSGDVIFNGQPMSK.L	31
PHEAT+2686	proteomics_heat	1176133	1176189	+	1	3	H.LLPDFTALENVAMPLLIQK.K	23
PHEAT+2687	proteomics_heat	1176337	1176378	+	1	2	R.LVLADEPTGNLDAR.N	18
PHEAT+2688	proteomics_heat	1176421	1176471	+	1	6	R.LQGTAFLLVTHDLQLAK.R	21
PHEAT+2689	proteomics_heat	1177476	1177565	+	3	2	K.DGLIRAIWFVWYGLLAGLFGSLCGVIIGVVV.S	34
PHEAT+2690	proteomics_heat	1178344	1178391	+	1	2	R.CGCGQHGCNIENYLSGR.G	20
PHEAT+2691	proteomics_heat	1179034	1179087	+	1	3	R.QLQQPEIQPNAHLALAK.L	22
PHEAT+2692	proteomics_heat	1179112	1179153	+	1	2	R.FLLVTQNIDNLHER.A	18
PHEAT+2693	proteomics_heat	1179433	1179501	+	1	10	K.LHGAHTVELNLEPSQVGNEFAEK.Y	27
PHEAT+2694	proteomics_heat	1185364	1185468	+	1	6	R.GGDIALGIGDEVLSPVMFPVLHQLLGGQLITTDGK.T	39
PHEAT+2695	proteomics_heat	1185469	1185540	+	1	2	K.TLLGADDKAGIAEIMTALAVLQQK.K	28
PHEAT+2696	proteomics_heat	1185565	1185597	+	1	2	R.VAFTPDEEVGK.G	15
PHEAT+2697	proteomics_heat	1185607	1185636	+	1	4	K.HFDVDAFDAR.W	14
PHEAT+2698	proteomics_heat	1185715	1185750	+	1	2	K.IVGNNVHPGTAK.G	16
PHEAT+2699	proteomics_heat	1185787	1185867	+	1	2	R.IHAEVPADESPEMTEGYEGFYHLASMK.G	31
PHEAT+2700	proteomics_heat	1186042	1186089	+	1	7	K.VVEHPHILDIAQQAMR.D	20
PHEAT+2701	proteomics_heat	1186126	1186209	+	1	2	R.GGTGGAQLSFMGLPCPNLFTGGYNYHGK.H	32
PHEAT+2702	proteomics_heat	1194358	1194381	+	1	3	K.VVVAQQK.K	12
PHEAT+2703	proteomics_heat	1194382	1194405	+	1	4	K.KITLQNGK.L	12
PHEAT+2704	proteomics_heat	1194385	1194486	+	1	3	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLK.V	38
PHEAT+2705	proteomics_heat	1194406	1194486	+	1	54	K.LNVPENPIIPYIEGDGIGVDVTPAMLK.V	31
PHEAT+2706	proteomics_heat	1194430	1194486	+	1	2	I.IPYIEGDGIGVDVTPAMLK.V	23
PHEAT+2707	proteomics_heat	1194433	1194486	+	1	7	I.PYIEGDGIGVDVTPAMLK.V	22
PHEAT+2708	proteomics_heat	1194439	1194486	+	1	2	Y.IEGDGIGVDVTPAMLK.V	20
PHEAT+2709	proteomics_heat	1194487	1194510	+	1	6	K.VVDAAVEK.A	12
PHEAT+2710	proteomics_heat	1194529	1194564	+	1	43	R.KISWMEIYTGEK.S	16
PHEAT+2711	proteomics_heat	1194532	1194564	+	1	16	K.ISWMEIYTGEK.S	15
PHEAT+2712	proteomics_heat	1194544	1194564	+	1	2	M.EIYTGEK.S	11
PHEAT+2713	proteomics_heat	1194565	1194624	+	1	48	K.STQVYGGDVWLPAETLDIR.E	24
PHEAT+2714	proteomics_heat	1194565	1194588	+	1	2	K.STQVYGGD.V	12
PHEAT+2715	proteomics_heat	1194634	1194681	+	1	21	R.VAIKGPLTTPVGGGIR.S	20
PHEAT+2716	proteomics_heat	1194646	1194681	+	1	10	K.GPLTTPVGGGIR.S	16

PHEAT+2717	proteomics_heat	1194742	1194771	+	1	17	R.YYQGTSPVK.H	14
PHEAT+2718	proteomics_heat	1194742	1194804	+	1	35	R.YYQGTSPVKHPELDMVIFR.E	25
PHEAT+2719	proteomics_heat	1194742	1194786	+	1	3	R.YYQGTSPVKHPELT.D	19
PHEAT+2720	proteomics_heat	1194772	1194804	+	1	48	K.HPELDMVIFR.E	15
PHEAT+2721	proteomics_heat	1194805	1194843	+	1	32	R.ENSEDIYAGIEWK.A	17
PHEAT+2722	proteomics_heat	1194877	1194903	+	1	12	K.FLREEMGVK.K	13
PHEAT+2723	proteomics_heat	1194877	1194906	+	1	6	K.FLREEMGVKK.I	14
PHEAT+2724	proteomics_heat	1194880	1194903	+	1	4	F.LREEMGVK.K	12
PHEAT+2725	proteomics_heat	1194886	1194906	+	1	2	R.EEMGVKK.I	11
PHEAT+2726	proteomics_heat	1194907	1194966	+	1	8	K.IRFPEHCGIGIKPCSEEGTK.R	24
PHEAT+2727	proteomics_heat	1194907	1194948	+	1	2	K.IRFPEHCGIGIKPC.S	18
PHEAT+2728	proteomics_heat	1194907	1194942	+	1	3	K.IRFPEHCGIGIK.P	16
PHEAT+2729	proteomics_heat	1194907	1194954	+	1	2	K.IRFPEHCGIGIKPCSE.E	20
PHEAT+2730	proteomics_heat	1194913	1194969	+	1	7	R.FPEHCGIGIKPCSEEGTKR.L	23
PHEAT+2731	proteomics_heat	1194913	1194966	+	1	33	R.FPEHCGIGIKPCSEEGTK.R	22
PHEAT+2732	proteomics_heat	1194913	1194948	+	1	8	R.FPEHCGIGIKPC.S	16
PHEAT+2733	proteomics_heat	1194979	1195035	+	1	61	R.AAIEYAIANDRDSVTLVHK.G	23
PHEAT+2734	proteomics_heat	1194979	1195011	+	1	8	R.AAIEYAIANDR.D	15
PHEAT+2735	proteomics_heat	1194994	1195035	+	1	7	Y.AIANDRDSVTLVHK.G	18
PHEAT+2736	proteomics_heat	1195012	1195035	+	1	4	R.DSVTLVHK.G	12
PHEAT+2737	proteomics_heat	1195051	1195095	+	1	29	K.FTEGAFKDWGYQLAR.E	19
PHEAT+2738	proteomics_heat	1195051	1195086	+	1	3	K.FTEGAFKDWGYQ.L	16
PHEAT+2739	proteomics_heat	1195072	1195095	+	1	2	K.DWGYQLAR.E	12
PHEAT+2740	proteomics_heat	1195090	1195140	+	1	3	L.AREEFGGELIDGGPWLK.V	21
PHEAT+2741	proteomics_heat	1195096	1195140	+	1	36	R.EEFGGELIDGGPWLK.V	19
PHEAT+2742	proteomics_heat	1195147	1195179	+	1	2	K.NPNTGKEIVIK.D	15
PHEAT+2743	proteomics_heat	1195180	1195221	+	1	4	K.DVIADAFLQQILLR.P	18
PHEAT+2744	proteomics_heat	1195180	1195248	+	1	4	K.DVIADAFLQQILLRPAEYDVIAC.M	27
PHEAT+2745	proteomics_heat	1195315	1195377	+	1	2	A.PGANIGDECALFEATHGTAPK.Y	25
PHEAT+2746	proteomics_heat	1195327	1195377	+	1	2	N.IGDECALFEATHGTAPK.Y	21
PHEAT+2747	proteomics_heat	1195378	1195440	+	1	54	K.YAGQDKVNPGSILSAEMMLR.H	25
PHEAT+2748	proteomics_heat	1195378	1195407	+	1	2	K.YAGQDKVNP.G.S	14
PHEAT+2749	proteomics_heat	1195396	1195440	+	1	330	K.VNPGSILSAEMMLR.H	19
PHEAT+2750	proteomics_heat	1195441	1195479	+	1	171	R.HMGWTEAADLIVK.G	17
PHEAT+2751	proteomics_heat	1195441	1195479	+	1	171	R.HMGWTEAADLIVK.G	17
PHEAT+2752	proteomics_heat	1195480	1195506	+	1	2	K.GMEGAINAK.T	13
PHEAT+2753	proteomics_heat	1195480	1195506	+	1	2	K.GMEGAINAK.T	13
PHEAT+2754	proteomics_heat	1195507	1195530	+	1	2	K.TVTYDFER.L	12
PHEAT+2755	proteomics_heat	1195507	1195530	+	1	2	K.TVTYDFER.L	12
PHEAT+2756	proteomics_heat	1195558	1195593	+	1	2	K.CSEFGDAIENM.-	16
PHEAT+2757	proteomics_heat	1210645	1210683	+	1	171	R.HMGWTEAADLIVK.G	17
PHEAT+2758	proteomics_heat	1210645	1210683	+	1	171	R.HMGWTEAADLIVK.G	17
PHEAT+2759	proteomics_heat	1210684	1210710	+	1	2	K.GMEGAINAK.T	13
PHEAT+2760	proteomics_heat	1210684	1210710	+	1	2	K.GMEGAINAK.T	13
PHEAT+2761	proteomics_heat	1210711	1210734	+	1	2	K.TVTYDFER.L	12
PHEAT+2762	proteomics_heat	1210711	1210734	+	1	2	K.TVTYDFER.L	12

PHEAT+2763	proteomics_heat	1215745	1215798	+	1	2	K.NIILSLIHSLETTSDILK.A	22
PHEAT+2764	proteomics_heat	1226009	1226089	+	2	4	K.AAENLQSLQGYDPSEFTFANGVFCDVK.E	31
PHEAT+2765	proteomics_heat	1226967	1226996	+	3	2	K.RDQTYLYVEK.K	14
PHEAT+2766	proteomics_heat	1226970	1226996	+	3	3	R.DQTYLYVEK.K	13
PHEAT+2767	proteomics_heat	1227036	1227083	+	3	2	K.GFGQPQLAMILPLDGR.K	20
PHEAT+2768	proteomics_heat	1227087	1227113	+	3	5	K.KLVNADIEK.V	13
PHEAT+2769	proteomics_heat	1227302	1227355	+	2	2	V.MYQHNNWQGALLDYPVSK.V	22
PHEAT+2770	proteomics_heat	1227668	1227772	+	2	3	K.AFDNSCPLSGFIPAAEFTGDPQNTTLSLSVNGEQR.Q	39
PHEAT+2771	proteomics_heat	1227728	1227772	+	2	2	D.PQNTTLSLSVNGEQR.Q	19
PHEAT+2772	proteomics_heat	1234371	1234424	+	3	6	K.VNNFWETSGLNILETLAR.L	22
PHEAT+2773	proteomics_heat	1234425	1234475	+	3	3	R.LDHESVPQLIDNLLSVR.T	21
PHEAT+2774	proteomics_heat	1234530	1234610	+	3	2	K.AQEVLATANEVADHADAFALDYNIIFR.G	31
PHEAT+2775	proteomics_heat	1234611	1234667	+	3	5	R.GLAFASGNPIYGLILNGMK.G	23
PHEAT+2776	proteomics_heat	1234719	1234799	+	3	2	R.SLALGFYHKLSALCSEGAHDQVYETVR.R	31
PHEAT+2777	proteomics_heat	1234746	1234799	+	3	2	K.LSALCSEGAHDQVYETVR.R	22
PHEAT+2778	proteomics_heat	1237076	1237108	+	2	2	R.NCDTSHYMENK.G	15
PHEAT+2779	proteomics_heat	1237250	1237306	+	2	3	R.DIAVLEDAGVPYQLLESSR.L	23
PHEAT+2780	proteomics_heat	1237349	1237420	+	2	2	K.LTGGLQLPNDETGDCQLFTQNLAR.M	28
PHEAT+2781	proteomics_heat	1237721	1237774	+	2	2	R.VGGMAEIVGFNTELLQPR.R	22
PHEAT+2782	proteomics_heat	1237817	1237894	+	2	2	R.GGHVEQATFWTGLRPMTPDGTVPVGR.T	30
PHEAT+2783	proteomics_heat	1240434	1240517	+	3	9	Q.PQHQEHDGDLRQPGEAVEILQDAVAVANR.A	32
PHEAT+2784	proteomics_heat	1252083	1252160	+	3	2	N.AAQVTGGRIQEMSALLGIGRTTLWRK.M	30
PHEAT+2785	proteomics_heat	1263243	1263302	+	3	2	R.VASGLDSLVLGEPQILGQVK.K	24
PHEAT+2786	proteomics_heat	1264280	1264336	+	2	2	R.HEEVQALLGDAQTIADQER.F	23
PHEAT+2787	proteomics_heat	1264583	1264633	+	2	2	R.AGTGGDEAALFAGDLFR.M	21
PHEAT+2788	proteomics_heat	1264820	1264903	+	2	2	R.IHTSACTVAVMPELPDAELPDINPADLR.I	32
PHEAT+2789	proteomics_heat	1264970	1265017	+	2	4	R.ITHLPTGIVVECQDER.S	20
PHEAT+2790	proteomics_heat	1265066	1265089	+	2	3	R.IHAAEMAK.R	12
PHEAT+2791	proteomics_heat	1265243	1265314	+	2	2	K.LDMLIEPIIQEHQADQLAALSEQE.-	28
PHEAT+2792	proteomics_heat	1267394	1267480	+	2	4	K.QKVVSIGDINVANDLPFVLFGGMNVLESR.D	33
PHEAT+2793	proteomics_heat	1267400	1267480	+	2	81	K.VVSIGDINVANDLPFVLFGGMNVLESR.D	31
PHEAT+2794	proteomics_heat	1267496	1267528	+	2	19	R.ICEHYVTVTQK.L	15
PHEAT+2795	proteomics_heat	1267598	1267624	+	2	2	R.GPGLIEGGMK.I	13
PHEAT+2796	proteomics_heat	1267661	1267747	+	2	36	K.IITDVHEPSQAQPVADVVDVIQLPAFLAR.Q	33
PHEAT+2797	proteomics_heat	1267748	1267777	+	2	2	R.QTDLVEAMAK.T	14
PHEAT+2798	proteomics_heat	1267802	1267849	+	2	11	K.KPQFVSPGQMGNIVDK.F	20
PHEAT+2799	proteomics_heat	1267802	1267855	+	2	3	K.KPQFVSPGQMGNIVDKFK.E	22
PHEAT+2800	proteomics_heat	1267892	1267951	+	2	71	R.GANFGYDNLVVDMLGFSIMK.K	24
PHEAT+2801	proteomics_heat	1267952	1268008	+	2	3	K.KVSGNSPVIFDVTHALQCR.D	23
PHEAT+2802	proteomics_heat	1267955	1268008	+	2	7	K.VSGNSPVIFDVTHALQCR.D	22
PHEAT+2803	proteomics_heat	1268009	1268038	+	2	5	R.DPFGAASGGR.R	14
PHEAT+2804	proteomics_heat	1268039	1268065	+	2	2	R.RAQVAELAR.A	13
PHEAT+2805	proteomics_heat	1268042	1268065	+	2	2	R.AQVAELAR.A	12
PHEAT+2806	proteomics_heat	1268066	1268131	+	2	3	R.AGMAVGLAGLFIEAHPDPEHAK.C	26
PHEAT+2807	proteomics_heat	1268132	1268164	+	2	2	K.CDGPSALPLAK.L	15
PHEAT+2808	proteomics_heat	1268213	1268239	+	2	5	K.GFEELDTSK.-	13

PHEAT+2809	proteomics_heat	1271384	1271419	+	2	2	K.HVLPSHAQDIYK.E	16
PHEAT+2810	proteomics_heat	1283673	1283711	+	3	2	R.AASTENEKDLYQR.Q	17
PHEAT+2811	proteomics_heat	1284506	1284565	+	2	3	R.DLTMDPLDAQAYSELFDR.G	24
PHEAT+2812	proteomics_heat	1284800	1284886	+	2	2	R.LQQRESRYAVLFDLLLKLANTAIDSDKVA.E	33
PHEAT+2813	proteomics_heat	1288750	1288788	+	1	3	R.EIMPETEIENCSR.R	17
PHEAT+2814	proteomics_heat	1289290	1289331	+	1	2	R.AHAATAAGQLAVER.K	18
PHEAT+2815	proteomics_heat	1290125	1290175	+	2	3	R.ALFNGLLQEQLAHQNR.L	21
PHEAT+2816	proteomics_heat	1290707	1290742	+	2	11	K.KAVIPVAGLGTR.M	16
PHEAT+2817	proteomics_heat	1290773	1290874	+	2	2	K.EMLPLVDKPLIQYVVNECIAAGITEIVLVTHSSK.N	38
PHEAT+2818	proteomics_heat	1290797	1290874	+	2	2	K.PLIQYVVNECIAAGITEIVLVTHSSK.N	30
PHEAT+2819	proteomics_heat	1290806	1290874	+	2	3	I.QYVVNECIAAGITEIVLVTHSSK.N	27
PHEAT+2820	proteomics_heat	1290875	1290934	+	2	4	K.NSIENHFDTSFELEAMLEKR.V	24
PHEAT+2821	proteomics_heat	1290941	1291003	+	2	4	K.RQLLDEVQSI CPPHVTIMQVR.Q	25
PHEAT+2822	proteomics_heat	1290944	1291003	+	2	8	R.QLLDEVQSI CPPHVTIMQVR.Q	24
PHEAT+2823	proteomics_heat	1291019	1291150	+	2	4	K.GLGHAVLCAHPVVGDEPVAVILPDVILDEYESDLSQDNLAEMIR.R	48
PHEAT+2824	proteomics_heat	1291151	1291231	+	2	8	R.RFDETGHSQIMVEPVADVTAYGVVDCK.G	31
PHEAT+2825	proteomics_heat	1291232	1291291	+	2	8	K.GVELAPGESVPMVGVVEKPK.A	24
PHEAT+2826	proteomics_heat	1291292	1291330	+	2	2	K.ADVAPSNLAIVGR.Y	17
PHEAT+2827	proteomics_heat	1291331	1291369	+	2	7	R.YVLSADIWPLLAK.T	17
PHEAT+2828	proteomics_heat	1291433	1291459	+	2	3	K.ETVEAYHMK.G	13
PHEAT+2829	proteomics_heat	1291487	1291525	+	2	6	K.LGYMQAFVEYGIR.H	17
PHEAT+2830	proteomics_heat	1291526	1291552	+	2	3	R.HNTLGTDFK.A	13
PHEAT+2831	proteomics_heat	1291553	1291585	+	2	7	K.AWLEEMGIKK.-	15
PHEAT+2832	proteomics_heat	1292969	1293031	+	2	3	R.AEHEQQAIHCVLVDECQFLTR.Q	25
PHEAT+2833	proteomics_heat	1293218	1293280	+	2	2	R.LDQAGRPYNEGEQVVIGGNER.Y	25
PHEAT+2834	proteomics_heat	1299284	1299319	+	2	4	A.ADVPAVTLAEK.Q	16
PHEAT+2835	proteomics_heat	1299335	1299406	+	2	6	R.NNGSEVQSLDPHKIEGVPESNISR.D	28
PHEAT+2836	proteomics_heat	1299407	1299493	+	2	11	R.DLFEGLLVSDLDGHPAPGVAESWDNKDAK.V	33
PHEAT+2837	proteomics_heat	1299407	1299484	+	2	4	R.DLFEGLLVSDLDGHPAPGVAESWDNK.D	30
PHEAT+2838	proteomics_heat	1299527	1299580	+	2	4	K.WSDGTPVTAQDFVYSWQR.S	22
PHEAT+2839	proteomics_heat	1299581	1299634	+	2	2	R.SVDPNTASPYASYLQYGH.I	22
PHEAT+2840	proteomics_heat	1299668	1299694	+	2	7	K.KPITDLGVK.A	13
PHEAT+2841	proteomics_heat	1299695	1299754	+	2	7	K.AIDDHTLEVTLSEVPYFYK.L	24
PHEAT+2842	proteomics_heat	1299755	1299790	+	2	5	K.LLVHPSTSPVPK.A	16
PHEAT+2843	proteomics_heat	1299818	1299865	+	2	3	K.WTQPGNIVTNGAYTLK.D	20
PHEAT+2844	proteomics_heat	1299902	1299928	+	2	2	R.SPTYWNNAK.T	13
PHEAT+2845	proteomics_heat	1299995	1300048	+	2	4	R.SGEIDMTNNSMPIELFQK.L	22
PHEAT+2846	proteomics_heat	1300205	1300261	+	2	4	K.AQGNMPAYGYTPPYTDGAK.L	23
PHEAT+2847	proteomics_heat	1300262	1300300	+	2	2	K.LTQPEWFGWSQEK.R	17
PHEAT+2848	proteomics_heat	1300319	1300399	+	2	7	K.KLLAEAGYTADKPLTINLLYNTSDLHK.K	31
PHEAT+2849	proteomics_heat	1300322	1300402	+	2	4	K.LLAEAGYTADKPLTINLLYNTSDLHKK.L	31
PHEAT+2850	proteomics_heat	1300322	1300399	+	2	3	K.LLAEAGYTADKPLTINLLYNTSDLHK.K	30
PHEAT+2851	proteomics_heat	1300403	1300432	+	2	2	K.LAIAASSLWK.K	14
PHEAT+2852	proteomics_heat	1300496	1300522	+	2	6	R.HQGTDFVAR.A	13
PHEAT+2853	proteomics_heat	1300523	1300609	+	2	2	R.AGWCADYNEPTSFLNMLSNSSMNTAHYK.S	33
PHEAT+2854	proteomics_heat	1300610	1300648	+	2	3	K.SPAFDSIMAETLK.V	17

PHEAT+2855	proteomics_heat	1300688	1300750	+	2	8	K.AEQQLDKDSAIVPVYYYYVNAR.L	25
PHEAT+2856	proteomics_heat	1300751	1300813	+	2	7	R.LVKPWVGGYTGKDPLDNTYTR.N	25
PHEAT+2857	proteomics_heat	1301079	1301126	+	3	3	K.YHLNDPIMTQYFSYLK.Q	20
PHEAT+2858	proteomics_heat	1303540	1303599	+	1	3	R.DVIFYQPVHPYSIGLLNAVPR.L	24
PHEAT+2859	proteomics_heat	1303926	1303976	+	3	3	R.LYEGETLGVVGESGCGK.S	21
PHEAT+2860	proteomics_heat	1304013	1304045	+	3	2	K.ATDGHVAWLK.E	15
PHEAT+2861	proteomics_heat	1304088	1304138	+	3	2	R.SDIQMIFQDPLASLNPR.M	21
PHEAT+2862	proteomics_heat	1304139	1304174	+	3	2	R.MTIGEIIAEPLR.T	16
PHEAT+2863	proteomics_heat	1304268	1304303	+	3	2	R.YPHEFSGGQCQR.I	16
PHEAT+2864	proteomics_heat	1309260	1309361	+	3	6	M.VTPADLEPPQAVQPPPEPVVEPEPEPEPIPEPPK.E	38
PHEAT+2865	proteomics_heat	1309296	1309361	+	3	3	V.QPPPEPVVEPEPEPEPIPEPPK.E	26
PHEAT+2866	proteomics_heat	1309299	1309361	+	3	3	Q.PPPEPVVEPEPEPEPIPEPPK.E	25
PHEAT+2867	proteomics_heat	1309362	1309397	+	3	2	K.EAPVVIEKPKPK.P	16
PHEAT+2868	proteomics_heat	1309509	1309574	+	3	9	R.LTSSTATATAATSKPVTSVASGPR.A	26
PHEAT+2869	proteomics_heat	1312107	1312133	+	3	3	A.HEAGEFFMR.A	13
PHEAT+2870	proteomics_heat	1312311	1312391	+	3	7	R.ATGDIATVHHLPTLMAQWYFGDASSK.F	31
PHEAT+2871	proteomics_heat	1312392	1312463	+	3	22	K.FRPYVGAGINYTTFFDNGFNDHGK.E	28
PHEAT+2872	proteomics_heat	1312464	1312493	+	3	2	K.EAGLSDLSLK.D	14
PHEAT+2873	proteomics_heat	1312605	1312637	+	3	8	K.LGGAQQHDSVR.L	15
PHEAT+2874	proteomics_heat	1317211	1317246	+	1	3	S.SRVRLRSIDKSR.R	16
PHEAT+2875	proteomics_heat	1320663	1320761	+	3	2	R.STRQFGDCSLSTPAGRALSSSARRASPLPESAW.I	37
PHEAT+2876	proteomics_heat	1322125	1322166	+	1	3	M.SQFFYIHPDNPQQR.L	18
PHEAT+2877	proteomics_heat	1322167	1322196	+	1	2	R.LINQAVEIVR.K	14
PHEAT+2878	proteomics_heat	1322197	1322250	+	1	4	R.KGGVIVYPTDSGYALGCK.I	22
PHEAT+2879	proteomics_heat	1322332	1322382	+	1	5	R.DLSELSTYSFVDNVAFR.L	21
PHEAT+2880	proteomics_heat	1322488	1322610	+	1	4	R.VPSNPIAQALLEALGEPMLSTSLMLPGSEFTESDPPEIKDR.L	45
PHEAT+2881	proteomics_heat	1322620	1322709	+	1	3	K.QVDLIHGGYLQKPTTVIDLTDTPVVVR.E	34
PHEAT+2882	proteomics_heat	1324987	1325022	+	1	3	K.LGDRVEVTPGLK.I	16
PHEAT+2883	proteomics_heat	1325029	1325055	+	1	2	R.IDGHLISVR.E	13
PHEAT+2884	proteomics_heat	1325080	1325121	+	1	3	R.VLAYKPEGELCTR.N	18
PHEAT+2885	proteomics_heat	1325305	1325385	+	1	2	R.VFGQVDDAKLRDLRSGVQLEDGPAAFK.T	31
PHEAT+2886	proteomics_heat	1325467	1325502	+	1	2	R.RLWEAVGVQVSR.L	16
PHEAT+2887	proteomics_heat	1325599	1325634	+	1	3	R.ELVELPPETSSK.V	16
PHEAT+2888	proteomics_heat	1327485	1327562	+	3	3	R.VNNLSEQYKEMKEELAAALMDSHQK.Q	30
PHEAT+2889	proteomics_heat	1327512	1327562	+	3	4	K.EMKEELAAALMDSHQK.Q	21
PHEAT+2890	proteomics_heat	1327521	1327562	+	3	3	K.EELAAALMDSHQK.Q	18
PHEAT+2891	proteomics_heat	1327629	1327661	+	3	7	K.LGEVATDSKPR.V	15
PHEAT+2892	proteomics_heat	1327683	1327775	+	3	9	K.GSMDAHEVNSLREEITAVLAAFQPDQVVL.R	35
PHEAT+2893	proteomics_heat	1327719	1327775	+	3	2	R.EEITAVLAAFQPDQVVL.R	23
PHEAT+2894	proteomics_heat	1327776	1327835	+	3	5	R.LESPGGMVHGYGLAASQLQR.L	24
PHEAT+2895	proteomics_heat	1327878	1327922	+	3	2	K.VAASGGYMMACVADK.I	19
PHEAT+2896	proteomics_heat	1328001	1328045	+	3	5	K.SKIDIDIELHTAGQYK.R	19
PHEAT+2897	proteomics_heat	1328049	1328093	+	3	4	R.TLTLGENTEEGREK.F	19
PHEAT+2898	proteomics_heat	1328094	1328132	+	3	2	K.FREELNETHQLFK.D	17
PHEAT+2899	proteomics_heat	1328148	1328219	+	3	11	R.MRPSLDIEQVATGEHWYQQAVEK.G	28
PHEAT+2900	proteomics_heat	1328220	1328279	+	3	9	K.GLVDEINTSDEVILSLMEGR.E	24

PHEAT+2901	proteomics_heat	1329177	1329206	+	3	2	R.DLPTSGSAAK.K	14
PHEAT+2902	proteomics_heat	1329282	1329344	+	3	3	R.MGVDPWHNWEAHYEVLPGKEK.V	25
PHEAT+2903	proteomics_heat	1329282	1329338	+	3	2	R.MGVDPWHNWEAHYEVLPGK.E	23
PHEAT+2904	proteomics_heat	1329867	1329959	+	3	2	R.YSVLEREDKPTTSKPGAPFITSTLQQAASR.L	35
PHEAT+2905	proteomics_heat	1329885	1329959	+	3	5	R.EDKPTTSKPGAPFITSTLQQAASR.L	29
PHEAT+2906	proteomics_heat	1330107	1330145	+	3	2	K.KYLPESPNQYASK.E	17
PHEAT+2907	proteomics_heat	1330146	1330238	+	3	2	K.ENSQEAHEAIRPSDVNVMAESLKDMEADAQK.L	35
PHEAT+2908	proteomics_heat	1330146	1330214	+	3	2	K.ENSQEAHEAIRPSDVNVMAESLK.D	27
PHEAT+2909	proteomics_heat	1330416	1330499	+	3	9	R.ILPAVNKGDALTLVELTPAQHFTKPPAR.F	32
PHEAT+2910	proteomics_heat	1330539	1330592	+	3	3	R.GIGRPSTYASIIISTIQDR.G	22
PHEAT+2911	proteomics_heat	1330677	1330754	+	3	3	R.ELMNYDFTAQMENSLDQVANHEAEWK.A	30
PHEAT+2912	proteomics_heat	1330755	1330802	+	3	3	K.AVLDFHFFSDFTQQLDK.A	20
PHEAT+2913	proteomics_heat	1330965	1331042	+	3	3	K.TTINLVPENEVLNVLEGEDAETNALR.A	30
PHEAT+2914	proteomics_heat	1331109	1331171	+	3	2	K.LHVCGNNTCDGYEIEEGEFR.I	25
PHEAT+2915	proteomics_heat	1331172	1331210	+	3	3	R.IKGYDGPIVECEK.C	17
PHEAT+2916	proteomics_heat	1331304	1331366	+	3	3	R.NGEVAPPKEDPVPLPELPEK.S	25
PHEAT+2917	proteomics_heat	1331508	1331549	+	3	5	R.YLADAPQQDPEGNK.T	18
PHEAT+2918	proteomics_heat	1331580	1331612	+	3	3	K.QQYVSSEKDGK.A	15
PHEAT+2919	proteomics_heat	1332041	1332082	+	2	9	K.HLTQVTPAGQEIR.I	18
PHEAT+2920	proteomics_heat	1332122	1332193	+	2	3	K.SVAGEHTWPKGSLYIATHTQAR.Y	28
PHEAT+2921	proteomics_heat	1332155	1332193	+	2	2	K.GSLYIATHTQAR.Y	17
PHEAT+2922	proteomics_heat	1332242	1332298	+	2	2	R.VSLHMHQGSPTQIADAVSK.G	23
PHEAT+2923	proteomics_heat	1332383	1332424	+	2	5	R.AIVVTPDHPLAGKK.A	18
PHEAT+2924	proteomics_heat	1332383	1332421	+	2	2	R.AIVVTPDHPLAGK.K	17
PHEAT+2925	proteomics_heat	1332422	1332490	+	2	2	K.KAITIEELAQYPLVITYFGFTGR.S	27
PHEAT+2926	proteomics_heat	1332425	1332490	+	2	2	K.AITIEELAQYPLVITYFGFTGR.S	26
PHEAT+2927	proteomics_heat	1332584	1332652	+	2	8	R.LGLGVGIASMAVDPVADPDLVR.V	27
PHEAT+2928	proteomics_heat	1332653	1332691	+	2	6	R.VDAHDIFSHSTTK.I	17
PHEAT+2929	proteomics_heat	1332770	1332799	+	2	3	R.DVVDAAVLR.S	14
PHEAT+2930	proteomics_heat	1333903	1333944	+	1	13	K.DKTYHYSLPLAAK.S	18
PHEAT+2931	proteomics_heat	1333909	1333944	+	1	2	K.TYHYSLPLAAK.S	16
PHEAT+2932	proteomics_heat	1334008	1334067	+	1	2	R.WQDGNVTEEDIHALAGWLK.N	24
PHEAT+2933	proteomics_heat	1334110	1334166	+	1	5	R.VLMQDFTGVPVVDLAAMR.E	23
PHEAT+2934	proteomics_heat	1334203	1334259	+	1	3	K.VNPLSPVDLVIDHSVTVD.R.F	23
PHEAT+2935	proteomics_heat	1334260	1334295	+	1	2	R.FGDDEAFEENVR.L	16
PHEAT+2936	proteomics_heat	1334632	1334682	+	1	47	R.EGITATDLVLTVTQMLR.K	21
PHEAT+2937	proteomics_heat	1334704	1334754	+	1	4	K.FVEFYGDGLDSLPLADR.A	21
PHEAT+2938	proteomics_heat	1334755	1334838	+	1	4	R.ATIANMSPEYGATCGFFPIDAVTLDYMR.L	32
PHEAT+2939	proteomics_heat	1334908	1334988	+	1	8	R.NPGDEPIFTSTLELDMNDVEASLAGPK.R	31
PHEAT+2940	proteomics_heat	1335028	1335078	+	1	2	K.AFAASNELEVNATHKDR.Q	21
PHEAT+2941	proteomics_heat	1335028	1335072	+	1	3	K.AFAASNELEVNATHK.D	19
PHEAT+2942	proteomics_heat	1335307	1335414	+	1	2	K.LTPYLDLGFNLVGYGCTTCIGNSGPLDPIETAIK.K	40
PHEAT+2943	proteomics_heat	1335415	1335456	+	1	3	K.KSDLTVGAVLSGNR.N	18
PHEAT+2944	proteomics_heat	1335586	1335609	+	1	2	R.KGDPVYLK.D	12
PHEAT+2945	proteomics_heat	1335676	1335717	+	1	2	R.KEYAEVFEGTAEWK.G	18
PHEAT+2946	proteomics_heat	1335778	1335843	+	1	4	R.LSPFFDEMQATPAPVEDIHGAR.I	26

PHEAT+2947	proteomics_heat	1335844	1335927	+	1	3	R.ILAMLGDSVTTDHISPAGSIKPDSPAGR.Y	32
PHEAT+2948	proteomics_heat	1335958	1335981	+	1	2	K.DFNSYGSR.R	12
PHEAT+2949	proteomics_heat	1336030	1336074	+	1	4	R.IRNEMVPGVEGMTR.H	19
PHEAT+2950	proteomics_heat	1336075	1336122	+	1	5	R.HLPDSDVVSIYDAAMR.Y	20
PHEAT+2951	proteomics_heat	1336123	1336164	+	1	8	R.YKQEQTPLAVIAGK.E	18
PHEAT+2952	proteomics_heat	1336264	1336320	+	1	4	R.SNLIGMGILPLEFPQGVTR.K	23
PHEAT+2953	proteomics_heat	1336414	1336446	+	1	5	R.ADGSQEVVPCR.C	15
PHEAT+2954	proteomics_heat	1336453	1336515	+	1	3	R.IDTATELTYQNDGILHYVIR.N	25
PHEAT+2955	proteomics_heat	1338504	1338572	+	3	7	K.RLENQLSPATDVAVVPHSSAAKE.-	27
PHEAT+2956	proteomics_heat	1338504	1338569	+	3	5	K.RLENQLSPATDVAVVPHSSAAK.E	26
PHEAT+2957	proteomics_heat	1339110	1339175	+	3	2	R.VEIAHFYCELALQHMASDDLDR.A	26
PHEAT+2958	proteomics_heat	1339317	1339373	+	3	2	R.ELVSETLEMLQTCYQQLGK.T	23
PHEAT+2959	proteomics_heat	1339467	1339502	+	3	2	R.DGSEAAQVYITR.Q	16
PHEAT+2960	proteomics_heat	1339542	1339580	+	3	3	K.LMDYHLNEAEGR.A	17
PHEAT+2961	proteomics_heat	1339975	1340022	+	1	3	R.AVTNSPVVVALDYHNR.D	20
PHEAT+2962	proteomics_heat	1340023	1340049	+	1	4	R.DDALAFVDK.I	13
PHEAT+2963	proteomics_heat	1340164	1340259	+	1	4	K.FHDIPNTAAHAAAAADLGVWMVNVHASGGAR.M	36
PHEAT+2964	proteomics_heat	1340425	1340469	+	1	4	K.CGLDGVVCSAQEAVR.F	19
PHEAT+2965	proteomics_heat	1340470	1340499	+	1	4	R.FKQVFGQEFK.L	14
PHEAT+2966	proteomics_heat	1340554	1340649	+	1	6	R.IMTPEQALSAGVDYMVIGRPVTSVDPAQTLK.A	36
PHEAT+2967	proteomics_heat	1340650	1340673	+	1	2	K.AINASLQR.S	12
PHEAT+2968	proteomics_heat	1340703	1340744	+	3	2	R.LVYSTETGRIDEPK.A	18
PHEAT+2969	proteomics_heat	1340817	1340867	+	3	3	K.GVCLITGVLDLDDAELTK.L	21
PHEAT+2970	proteomics_heat	1342008	1342061	+	3	7	R.DVAADRDDSDIFLLLAQS.P	22
PHEAT+2971	proteomics_heat	1353886	1353912	+	1	2	L.LPAQSPLLR.Q	13
PHEAT+2972	proteomics_heat	1359198	1359233	+	3	2	R.LKGHATQTLQEK.Y	16
PHEAT+2973	proteomics_heat	1359234	1359326	+	3	3	K.YLNAIHAGGLPIALPHALAEPSLLEQLLPK.L	35
PHEAT+2974	proteomics_heat	1362739	1362792	+	1	5	R.REVASDRYTGALLDHSGG.H	22
PHEAT+2975	proteomics_heat	1363745	1363846	+	2	2	R.HPDLVAAVEQQLQQTHTAYQIVPYESYVTLAEK.I	38
PHEAT+2976	proteomics_heat	1366193	1366234	+	2	4	R.LMIQEMEDTLVEVR.S	18
PHEAT+2977	proteomics_heat	1366346	1366366	+	2	2	K.EREDLAR.A	11
PHEAT+2978	proteomics_heat	1366409	1366453	+	2	5	K.SLEHEVTLVDDTLAR.M	19
PHEAT+2979	proteomics_heat	1366565	1366603	+	2	3	R.QLDSGKLDEAMAR.F	17
PHEAT+2980	proteomics_heat	1366622	1366669	+	2	8	R.RIDQMEAEASHSFGK.Q	20
PHEAT+2981	proteomics_heat	1366676	1366744	+	2	5	K.SLDDQFAELKADDAISEQLAQLK.A	27
PHEAT+2982	proteomics_heat	1366951	1366980	+	1	2	R.LAQLADEAKR.M	14
PHEAT+2983	proteomics_heat	1366993	1367040	+	1	3	R.IQALESILDAEHPNWR.D	20
PHEAT+2984	proteomics_heat	1367794	1367850	+	1	2	R.VPEQYQQEHVQGAINIPLK.E	23
PHEAT+2985	proteomics_heat	1367794	1367859	+	1	5	R.VPEQYQQEHVQGAINIPLKEVK.E	26
PHEAT+2986	proteomics_heat	1367866	1367904	+	1	4	R.IATAVPDKNDTVK.V	17
PHEAT+2987	proteomics_heat	1367944	1368015	+	1	2	K.EILSEMGYTHVENAGGLKDIAMPK.V	28
PHEAT+2988	proteomics_heat	1367944	1367997	+	1	2	K.EILSEMGYTHVENAGGLK.D	22
PHEAT+2989	proteomics_heat	1382150	1382182	+	2	4	R.LKNELNALVNR.G	15
PHEAT+2990	proteomics_heat	1382237	1382293	+	2	4	K.TAFITAMVNQLLNHAGAR.L	23
PHEAT+2991	proteomics_heat	1382705	1382752	+	2	2	R.LADIAAAWTDYLHHCK.E	20
PHEAT+2992	proteomics_heat	1383050	1383094	+	2	3	R.LALTQLMQSFHYGQR.T	19

PHEAT+2993	proteomics_heat	1383347	1383397	+	2	2	R.LSDGAPLTVYPGEVPAR.L	21
PHEAT+2994	proteomics_heat	1383425	1383493	+	2	5	K.QGFQFEAFRPQVMDVDKPLPHIR.L	27
PHEAT+2995	proteomics_heat	1383559	1383600	+	1	2	R.IDFDGPLEVQNP.K.F	18
PHEAT+2996	proteomics_heat	1383955	1383984	+	1	2	R.DLLHSHGTGK.G	14
PHEAT+2997	proteomics_heat	1384006	1384053	+	1	2	K.LAQQAGIDQSHPALQR.W	20
PHEAT+2998	proteomics_heat	1385107	1385151	+	1	6	R.NHTAAQLINGFNFLR.W	19
PHEAT+2999	proteomics_heat	1385410	1385463	+	1	2	K.LAMLSAPLLITGDTGTGK.D	22
PHEAT+3000	proteomics_heat	1385464	1385502	+	1	2	K.DLFAYACHQASPR.A	17
PHEAT+3001	proteomics_heat	1385503	1385592	+	1	3	R.AGKPYLALNCASIPEDAVESELFHGAPEGK.K	34
PHEAT+3002	proteomics_heat	1385710	1385745	+	1	2	R.VGEDHEVHVDVR.V	16
PHEAT+3003	proteomics_heat	1385821	1385904	+	1	2	R.LNVLTLLNPLRDCPQDIMPLTELFVAR.F	32
PHEAT+3004	proteomics_heat	1385905	1385937	+	1	5	R.FADEQGVPRPK.L	15
PHEAT+3005	proteomics_heat	1386211	1386243	+	1	3	R.LGVSHTAIANK.L	15
PHEAT+3006	proteomics_heat	1391560	1391613	+	1	2	K.WADGTPVTAQDFVYSWQR.L	22
PHEAT+3007	proteomics_heat	1391701	1391751	+	1	3	K.ATPDQLGVTAVDAHTLK.I	21
PHEAT+3008	proteomics_heat	1391824	1391895	+	1	2	K.ANVESGKEWTKPGNLINGAYVLK.E	28
PHEAT+3009	proteomics_heat	1392085	1392153	+	1	3	K.DIPGQVYTPPQLGTYYYAFNTQK.G	27
PHEAT+3010	proteomics_heat	1392346	1392390	+	1	3	K.TLLSAAGYGPQKPLK.L	19
PHEAT+3011	proteomics_heat	1392391	1392429	+	1	2	K.LTLLYNTSENHQB.I	17
PHEAT+3012	proteomics_heat	1392799	1392840	+	1	2	K.GYPINNPEDVAYSRT	18
PHEAT+3013	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3014	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3015	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3016	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3017	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3018	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3019	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3020	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3021	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3022	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3023	proteomics_heat	1394139	1394180	+	3	5	M.SHQLTFADSEFSSK.R	18
PHEAT+3024	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3025	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3026	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3027	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3028	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3029	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3030	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3031	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3032	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3033	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3034	proteomics_heat	1394217	1394276	+	3	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+3035	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3036	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3037	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3038	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14

PHEAT+3039	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3040	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3041	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3042	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3043	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3044	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3045	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3046	proteomics_heat	1394292	1394321	+	3	2	R.RPYPLETMLR.I	14
PHEAT+3047	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3048	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3049	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3050	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3051	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3052	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3053	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3054	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3055	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3056	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3057	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3058	proteomics_heat	1394463	1394492	+	3	2	R.HLLEQHQLAR.Q	14
PHEAT+3059	proteomics_heat	1399439	1399516	+	2	9	T.CDAILTISAGSKPTRSARPAPKTSAR.I	30
PHEAT+3060	proteomics_heat	1401321	1401359	+	3	14	R.QRFDGENSENLLVK.I	17
PHEAT+3061	proteomics_heat	1404021	1404065	+	3	2	K.SLFLDAMEDVQPLKR.A	19
PHEAT+3062	proteomics_heat	1404117	1404197	+	3	9	R.IDTLQLDNFLTTFGLDIIPLSQPLEFR.R	31
PHEAT+3063	proteomics_heat	1404201	1404230	+	3	3	R.EGLQHGVLDK.L	14
PHEAT+3064	proteomics_heat	1404237	1404278	+	3	4	R.SGKYPQQASLNLLR.Q	18
PHEAT+3065	proteomics_heat	1461566	1461664	+	2	4	M.SKLDTFIQHAVNAVPSVSGTSLISSLYGDSLHR.G	37
PHEAT+3066	proteomics_heat	1462498	1462593	+	1	2	M.PIYQIDGLTPVVPEESFVHPTAVLIGDVILGK.G	36
PHEAT+3067	proteomics_heat	1472716	1472763	+	1	5	K.HIGLSNVTPTQVAEAR.K	20
PHEAT+3068	proteomics_heat	1472980	1473030	+	1	4	R.SPNILLIPGTSSVAHLR.E	21
PHEAT+3069	proteomics_heat	1473052	1473102	+	1	2	K.LHLSEEVLSTLDGISRE.-	21
PHEAT+3070	proteomics_heat	1481508	1481555	+	3	3	R.IAEELKTEPGGCIGYK.V	20
PHEAT+3071	proteomics_heat	1481562	1481597	+	3	2	R.FSDHVSDNTMVK.L	16
PHEAT+3072	proteomics_heat	1481598	1481642	+	3	2	K.LMTDGILLAEIQQDR.L	19
PHEAT+3073	proteomics_heat	1481667	1481756	+	3	3	I.IIDEAHERSLNIDFLLGYLKELLPRRPDLK.I	34
PHEAT+3074	proteomics_heat	1481802	1481840	+	3	5	R.HFNNAPIIEVSGR.T	17
PHEAT+3075	proteomics_heat	1482231	1482272	+	3	2	R.LPIEPISQASANQR.K	18
PHEAT+3076	proteomics_heat	1482375	1482464	+	3	2	R.TNLASVILQMTALGLGDIAAFPVEAPDKR.N	34
PHEAT+3077	proteomics_heat	1483284	1483322	+	3	2	R.KVNYSQIDPALCR.E	17
PHEAT+3078	proteomics_heat	1483338	1483370	+	3	2	R.HALVEGDWQTR.H	15
PHEAT+3079	proteomics_heat	1483878	1483919	+	3	2	R.VKPLELPLLDSSLER.E	18
PHEAT+3080	proteomics_heat	1484505	1484546	+	3	2	K.VRAELNDTVVDIAK.Q	18
PHEAT+3081	proteomics_heat	1484793	1484834	+	3	2	K.VENVQQAWQQWINK.L	18
PHEAT+3082	proteomics_heat	1485436	1485534	+	1	5	R.DQQIPLLISGGIGHSTTFLYSAIAQHPHYNTIR.T	37
PHEAT+3083	proteomics_heat	1485547	1485606	+	1	2	R.AEATILADIAHQFWHIPHEK.I	24
PHEAT+3084	proteomics_heat	1485607	1485651	+	1	2	K.IWIEDQSTNCGENAR.F	19

PHEAT+3085	proteomics_heat	1485688	1485729	+	1	6	R.VHTAIVVQDPTMQR.R	18
PHEAT+3086	proteomics_heat	1485754	1485783	+	1	2	R.MTGDNPDAPR.W	14
PHEAT+3087	proteomics_heat	1485913	1485945	+	1	2	R.LRDDSDGYGPR.G	15
PHEAT+3088	proteomics_heat	1485946	1486011	+	1	3	R.GRDFIVHVDFAEVIHAWQTLK.H	26
PHEAT+3089	proteomics_heat	1486012	1486047	+	1	2	K.HDAVLIEAMESR.S	16
PHEAT+3090	proteomics_heat	1486259	1486312	+	2	5	M.SVPVQHPMYIDGQFVTWR.G	22
PHEAT+3091	proteomics_heat	1486313	1486366	+	2	4	R.GDAWIDVVNPATEAVISR.I	22
PHEAT+3092	proteomics_heat	1486367	1486396	+	2	2	R.IPDGQAEDAR.K	14
PHEAT+3093	proteomics_heat	1486367	1486399	+	2	2	R.IPDGQAEDARK.A	15
PHEAT+3094	proteomics_heat	1486397	1486420	+	2	2	R.KAIDAAER.A	12
PHEAT+3095	proteomics_heat	1486616	1486675	+	2	6	R.RYEGEIIQSDRPGENILLFK.R	24
PHEAT+3096	proteomics_heat	1486739	1486825	+	2	7	R.KMAPALLTGNTIVIKPSEFTPNNAIAFAK.I	33
PHEAT+3097	proteomics_heat	1486742	1486825	+	2	6	K.MAPALLTGNTIVIKPSEFTPNNAIAFAK.I	32
PHEAT+3098	proteomics_heat	1486853	1486879	+	2	2	R.GVFNLVLGR.G	13
PHEAT+3099	proteomics_heat	1486880	1486918	+	2	6	R.GETVGQELAGNPK.V	17
PHEAT+3100	proteomics_heat	1487021	1487068	+	2	4	K.APAIVMDDADLELAVK.A	20
PHEAT+3101	proteomics_heat	1487087	1487125	+	2	8	R.VINSGQVCNCAER.V	17
PHEAT+3102	proteomics_heat	1487168	1487215	+	2	5	R.LGEAMQAVQFGNPAER.N	20
PHEAT+3103	proteomics_heat	1487216	1487263	+	2	3	R.NDIAMGPLINAAALER.V	20
PHEAT+3104	proteomics_heat	1487339	1487377	+	2	2	K.GYYYPTLLLDVLR.Q	17
PHEAT+3105	proteomics_heat	1487573	1487614	+	2	5	R.ENFEAMQGFHAGWR.K	18
PHEAT+3106	proteomics_heat	1487645	1487692	+	2	6	K.HGLHEYLQTQVVYLQS.-	20
PHEAT+3107	proteomics_heat	1490851	1490892	+	1	2	K.TPADEALDTELNQR.F	18
PHEAT+3108	proteomics_heat	1494976	1495011	+	1	3	A.ADSDIADGQTQR.F	16
PHEAT+3109	proteomics_heat	1495069	1495149	+	1	4	R.GAPRPLPDTLATMTPQAYNSIQYDAEK.S	31
PHEAT+3110	proteomics_heat	1495297	1495323	+	1	3	K.YNDAGVDTK.Q	13
PHEAT+3111	proteomics_heat	1495393	1495431	+	1	2	R.RDVVSFLGASYFR.A	17
PHEAT+3112	proteomics_heat	1495636	1495677	+	1	2	K.SQVIMDVENHLYAR.K	18
PHEAT+3113	proteomics_heat	1495747	1495788	+	1	5	R.MCDTIHPQIHSDR.L	18
PHEAT+3114	proteomics_heat	1495804	1495848	+	1	2	R.GNGEWICRPLNNPQK.L	19
PHEAT+3115	proteomics_heat	1495996	1496073	+	1	2	K.GTIGLMEIPTTGETLDNIVCFWQPEK.A	30
PHEAT+3116	proteomics_heat	1496113	1496157	+	1	2	R.LYWSAQPPVHCPLAR.V	19
PHEAT+3117	proteomics_heat	1496980	1497051	+	1	3	K.VSELELHAVAENHVKPLYQLICK.N	28
PHEAT+3118	proteomics_heat	1497361	1497402	+	1	2	K.CRVDNPQSNQVALR.N	18
PHEAT+3119	proteomics_heat	1499586	1499636	+	3	2	R.MIIRDENYFTDKYELTR.T	21
PHEAT+3120	proteomics_heat	1499637	1499666	+	3	2	R.THSEVLEAVK.V	14
PHEAT+3121	proteomics_heat	1499715	1499765	+	3	2	R.NSLYLAANGYDVEDAWDK.N	21
PHEAT+3122	proteomics_heat	1499802	1499834	+	3	2	K.SIENLDNLHTR.V	15
PHEAT+3123	proteomics_heat	1500081	1500116	+	3	2	R.VKYNEDVGELHR.T	16
PHEAT+3124	proteomics_heat	1500087	1500116	+	3	3	K.YNEDVGELHR.T	14
PHEAT+3125	proteomics_heat	1500607	1500642	+	1	5	K.ETTSATGKPVLR.W	16
PHEAT+3126	proteomics_heat	1500673	1500744	+	1	2	K.YDSIVWNPITYYPVKPSTQVGQK.V	28
PHEAT+3127	proteomics_heat	1500673	1500720	+	1	2	K.YDSIVWNPITYYPVK.P	20
PHEAT+3128	proteomics_heat	1500805	1500834	+	1	2	R.KPLVTTAGPR.S	14
PHEAT+3129	proteomics_heat	1500850	1500879	+	1	3	R.GAITGVDTSK.E	14
PHEAT+3130	proteomics_heat	1500850	1500954	+	1	3	R.GAITGVDTSK EGLQFYEVVPVALVVAGTQMATGHR.T	39

PHEAT+3131	proteomics_heat	1500880	1500954	+	1	14	K.EGLQFYEVVPVALVVAGTQMATGHR.T	29
PHEAT+3132	proteomics_heat	1500970	1501023	+	1	3	R.LYFEGELIDAATNKPVIK.V	22
PHEAT+3133	proteomics_heat	1501048	1501092	+	1	3	K.DLNNESTPMAFENIK.Q	19
PHEAT+3134	proteomics_heat	1501093	1501146	+	1	3	K.QVIDDMATDATMFDVNKK.-	22
PHEAT+3135	proteomics_heat	1505360	1505395	+	2	2	R.SANRGDCSQACR.L	16
PHEAT+3136	proteomics_heat	1505717	1505749	+	2	2	R.KGDIGAFDSPK.F	15
PHEAT+3137	proteomics_heat	1505981	1506016	+	2	3	R.NLDHNWQQALTK.T	16
PHEAT+3138	proteomics_heat	1506221	1506283	+	2	2	R.DVQINLPGALFVPNSLLNQFR.R	25
PHEAT+3139	proteomics_heat	1506344	1506418	+	2	4	R.KPVADPAPVYPQTHLSFLANVYNQK.A	29
PHEAT+3140	proteomics_heat	1506629	1506667	+	2	2	K.FDCRPEMHVIGK.I	17
PHEAT+3141	proteomics_heat	1515675	1515701	+	3	4	M.SHLDEVIAR.V	13
PHEAT+3142	proteomics_heat	1515702	1515794	+	3	11	R.VDAAIEESVIAHMNELLIALSDDAELSREDR.Y	35
PHEAT+3143	proteomics_heat	1515702	1515785	+	3	14	R.VDAAIEESVIAHMNELLIALSDDAELSR.E	32
PHEAT+3144	proteomics_heat	1517396	1517494	+	2	2	K.LGDHPQNPWSLGLVGMFGFTAYMGLLDIGQPK.E	37
PHEAT+3145	proteomics_heat	1517495	1517563	+	2	2	K.EGETLVVAAATGPVGATVGQIGK.L	27
PHEAT+3146	proteomics_heat	1517579	1517608	+	2	2	R.VGVVAGGAEK.C	14
PHEAT+3147	proteomics_heat	1517885	1517923	+	2	2	R.LQGFIIAQDYGHR.I	17
PHEAT+3148	proteomics_heat	1517972	1518040	+	2	2	K.IHYREEITDGLNAPQTFIGLLK.G	27
PHEAT+3149	proteomics_heat	1518349	1518387	+	1	2	K.HQLSIGALKPGAR.L	17
PHEAT+3150	proteomics_heat	1521454	1521519	+	1	5	K.GAYEMAYSQQENALWLATSQSR.K	26
PHEAT+3151	proteomics_heat	1521550	1521687	+	1	4	R.LDPVTLEVTQAIHNDLKPFGATINNTTQTLWFGNTVNSAVTAIDAK.T	50
PHEAT+3152	proteomics_heat	1521730	1521762	+	1	2	K.RTEEVRPLQPR.E	15
PHEAT+3153	proteomics_heat	1521763	1521816	+	1	13	R.ELVADDATNTVYISGIGK.E	22
PHEAT+3154	proteomics_heat	1521886	1521924	+	1	5	K.MSTGLALDSEGKR.L	17
PHEAT+3155	proteomics_heat	1521925	1521981	+	1	8	R.LYTTNADGELITIDTADNK.I	23
PHEAT+3156	proteomics_heat	1522000	1522056	+	1	3	K.LLDDGKEHFFINISLDTAR.Q	23
PHEAT+3157	proteomics_heat	1522063	1522083	+	1	3	R.AFITDSK.A	11
PHEAT+3158	proteomics_heat	1522084	1522113	+	1	3	K.AAEVLVVDTR.N	14
PHEAT+3159	proteomics_heat	1522135	1522179	+	1	6	K.VAAPESLAVLFNPAR.N	19
PHEAT+3160	proteomics_heat	1522180	1522203	+	1	7	R.NEAYVTHR.Q	12
PHEAT+3161	proteomics_heat	1522255	1522308	+	1	9	K.TFDTPHPNSLALSADGK.T	22
PHEAT+3162	proteomics_heat	1522345	1522380	+	1	4	K.QQEATQPDDVIR.I	16
PHEAT+3163	proteomics_heat	1525021	1525095	+	1	15	I.SSEKKLTIHIVQMFQLLSQAFYNLK.M	29
PHEAT+3164	proteomics_heat	1531079	1531096	+	2	2	M.PHIDIK.C	10
PHEAT+3165	proteomics_heat	1554667	1554699	+	1	2	K.GQAHWEGDIKR.G	15
PHEAT+3166	proteomics_heat	1554667	1554696	+	1	2	K.GQAHWEGDIK.R	14
PHEAT+3167	proteomics_heat	1554700	1554765	+	1	8	R.GKGTVSTESGVLNQQPYGFNTR.F	26
PHEAT+3168	proteomics_heat	1554706	1554765	+	1	3	K.GTVSTESGVLNQQPYGFNTR.F	24
PHEAT+3169	proteomics_heat	1554952	1555008	+	1	4	K.SEVAVPGIDASTFDGIIQK.A	23
PHEAT+3170	proteomics_heat	1577059	1577106	+	1	2	R.QRIVSSLINHVLFITDI.N	20
PHEAT+3171	proteomics_heat	1605418	1605447	+	1	2	R.SRPAVELLAR.V	14
PHEAT+3172	proteomics_heat	1605448	1605525	+	1	4	R.VPLENVEYVADLGCSPGNSTALLQQR.W	30
PHEAT+3173	proteomics_heat	1625649	1625708	+	3	30	R.LQELKDELGDNLVIAQLDVR.N	24
PHEAT+3174	proteomics_heat	1625664	1625708	+	3	2	K.DELGDNLVIAQLDVR.N	19
PHEAT+3175	proteomics_heat	1625820	1625864	+	3	7	K.ASVEDWETMIDTNNK.G	19
PHEAT+3176	proteomics_heat	1625913	1625993	+	3	11	R.NHGHIIINIGSTAGSWPYAGGNVYGATK.A	31

PHEAT+3177	proteomics_heat	1626027	1626053	+	3	6	R.TDLHGTA VR.V	13
PHEAT+3178	proteomics_heat	1626054	1626107	+	3	6	R.VTDIEPGLVGGTEFSNVR.F	22
PHEAT+3179	proteomics_heat	1626445	1626492	+	1	2	R.DIVHCLIAPGTPLSEK.E	20
PHEAT+3180	proteomics_heat	1626979	1627020	+	1	2	R.AMTQHLQEISESVR.Q	18
PHEAT+3181	proteomics_heat	1627287	1627319	+	3	9	R.VMVS GTGHTGK.I	15
PHEAT+3182	proteomics_heat	1627368	1627403	+	3	2	R.GKT VVVEGCEEK.L	16
PHEAT+3183	proteomics_heat	1639945	1639998	+	1	2	T.PSDGRIDVQLHVSALNLR.D	22
PHEAT+3184	proteomics_heat	1646222	1646293	+	2	2	K.ELELLELFNALPESEQDTQLAEMR.A	28
PHEAT+3185	proteomics_heat	1653540	1653617	+	3	2	A.GCNVNNQ TNSASEIPAGS NSQILAFR.F	30
PHEAT+3186	proteomics_heat	1654033	1654077	+	1	4	R.TEKEWDKADAAFDNR.D	19
PHEAT+3187	proteomics_heat	1654262	1654300	+	2	7	R.YVHQLDNNASVMR.Y	17
PHEAT+3188	proteomics_heat	1654301	1654357	+	2	3	R.YWFEEPYEAFVELSDLYDK.H	23
PHEAT+3189	proteomics_heat	1654412	1654453	+	2	7	K.AGLVELVEINHVR.R	18
PHEAT+3190	proteomics_heat	1654454	1654498	+	2	9	R.RAEFQIIISPEYQ GK.G	19
PHEAT+3191	proteomics_heat	1654523	1654564	+	2	2	K.LAMDYGFTVLNLYK.L	18
PHEAT+3192	proteomics_heat	1654565	1654597	+	2	2	K.LYLIVDKEN EK.A	15
PHEAT+3193	proteomics_heat	1654730	1654765	+	2	2	K.TPGQTLLKPTAQ.-	16
PHEAT+3194	proteomics_heat	1655673	1655696	+	3	3	R.IQSDISQR.I	12
PHEAT+3195	proteomics_heat	1662533	1662574	+	2	3	M.THFSQQDNFNSVAAR.V	18
PHEAT+3196	proteomics_heat	1669463	1669507	+	2	2	A.AETTTT PAPTATTTK.A	19
PHEAT+3197	proteomics_heat	1676517	1676567	+	3	9	A.ATELTPEQAAAVKPFDR.V	21
PHEAT+3198	proteomics_heat	1676586	1676612	+	3	2	R.FNAIGEAVK.A	13
PHEAT+3199	proteomics_heat	1676625	1676699	+	3	7	R.RADKEGAASFYVVDTSDFGNSGNWR.V	29
PHEAT+3200	proteomics_heat	1676700	1676756	+	3	2	R.VVADLYKADAEKAEETS NR.V	23
PHEAT+3201	proteomics_heat	1676757	1676843	+	3	15	R.VINGVVLPK DQAVLIEPFDTVTVQGFYR.S	33
PHEAT+3202	proteomics_heat	1676787	1676843	+	3	3	K.DQAVLIEPFDTVTVQGFYR.S	23
PHEAT+3203	proteomics_heat	1676952	1676975	+	3	2	R.ITAFIYKK.D	12
PHEAT+3204	proteomics_heat	1676988	1677038	+	3	2	K.RIVQSPDVIPADSEAGR.A	21
PHEAT+3205	proteomics_heat	1676991	1677038	+	3	10	R.IVQSPDVIPADSEAGR.A	20
PHEAT+3206	proteomics_heat	1677039	1677071	+	3	4	R.AALAAGGEAAK.K	15
PHEAT+3207	proteomics_heat	1677039	1677074	+	3	4	R.AALAAGGEAAK.V	16
PHEAT+3208	proteomics_heat	1677072	1677128	+	3	13	K.KVEIPGVATTASPSSEVGR.F	23
PHEAT+3209	proteomics_heat	1677129	1677152	+	3	4	R.FFETQSSK.G	12
PHEAT+3210	proteomics_heat	1677162	1677209	+	3	6	R.YTVTLPDG TKVEELNK.A	20
PHEAT+3211	proteomics_heat	1677210	1677248	+	3	3	K.ATAAM MVPFDSIK.F	17
PHEAT+3212	proteomics_heat	1677249	1677299	+	3	11	K.FSGNYGNMTEVS YQVAK.R	21
PHEAT+3213	proteomics_heat	1677357	1677392	+	3	4	R.GNNLTVSADLYK.-	16
PHEAT+3214	proteomics_heat	1680252	1680281	+	3	2	K.HDMQVTVEPR.G	14
PHEAT+3215	proteomics_heat	1680594	1680635	+	3	2	K.ALHFGTLTIDPINR.V	18
PHEAT+3216	proteomics_heat	1682562	1682639	+	3	3	R.LPGVLCYQVDNLSQAALVSHIQHINK.L	30
PHEAT+3217	proteomics_heat	1686609	1686647	+	3	2	K.LINSVQNYAWGSK.T	17
PHEAT+3218	proteomics_heat	1686648	1686728	+	3	4	K.TALTELYGMENPSSQPM AELWMAHPK.S	31
PHEAT+3219	proteomics_heat	1686741	1686776	+	3	2	R.VQNAAGDIVSLR.D	16
PHEAT+3220	proteomics_heat	1686777	1686827	+	3	2	R.DVIESDKSTLLGEAVAK.R	21
PHEAT+3221	proteomics_heat	1686831	1686857	+	3	2	R.FGELPFLFK.V	13
PHEAT+3222	proteomics_heat	1686858	1686932	+	3	3	K.VLCAAQPLSIQVHPNKHNSEIGFAK.E	29

PHEAT+3223	proteomics_heat	1686858	1686905	+	3	3	K.VLCAAQPLSIQVHPNK.H	20
PHEAT+3224	proteomics_heat	1686972	1687046	+	3	2	R.NYKDPNHKPELVFALTPFLAMNAFR.E	29
PHEAT+3225	proteomics_heat	1686972	1687025	+	3	2	R.NYKDPNHKPELVFALTPF.L	22
PHEAT+3226	proteomics_heat	1687047	1687136	+	3	2	R.EFSEIVSLLQPVAGAHPAIAHFLQQPDAER.L	34
PHEAT+3227	proteomics_heat	1687137	1687184	+	3	2	R.LSELFASLLNMQGEEK.S	20
PHEAT+3228	proteomics_heat	1687254	1687319	+	3	6	R.LISEFYPEDSGLFSPLLLNVVK.L	26
PHEAT+3229	proteomics_heat	1687320	1687421	+	3	15	K.LNPGEAMFLFAETPHAYLQGVALEVMANSNDVLR.A	38
PHEAT+3230	proteomics_heat	1687440	1687475	+	3	2	K.YIDIPELVANVK.F	16
PHEAT+3231	proteomics_heat	1687476	1687520	+	3	5	K.FEAKPANQLLTQPVK.Q	19
PHEAT+3232	proteomics_heat	1687521	1687592	+	3	2	K.QGAELDFPIPVDDFAFSLHDLSDK.E	28
PHEAT+3233	proteomics_heat	1687662	1687736	+	3	5	K.GSQQLQLKPGESAFIAANESPVTVK.G	29
PHEAT+3234	proteomics_heat	1687957	1688010	+	1	7	K.KIETHLEDMVAQANAQLK.L	22
PHEAT+3235	proteomics_heat	1687960	1688010	+	1	2	K.IETHLEDMVAQANAQLK.L	21
PHEAT+3236	proteomics_heat	1688011	1688061	+	1	3	K.LTAPESNLEVSQNYHR.G	21
PHEAT+3237	proteomics_heat	1688062	1688112	+	1	5	R.GVFSSQLQLLVKPIAGK.E	21
PHEAT+3238	proteomics_heat	1688197	1688283	+	1	12	K.KLNLIPSMASIQTTLVNNEVSKPLFDMAK.G	33
PHEAT+3239	proteomics_heat	1688314	1688385	+	1	4	R.IGYSGDSSSDISLKPLNYEQKDEK.V	28
PHEAT+3240	proteomics_heat	1688314	1688376	+	1	3	R.IGYSGDSSSDISLKPLNYEQK.D	25
PHEAT+3241	proteomics_heat	1688386	1688436	+	1	4	K.VAFSGGFEQLNADRDGK.A	21
PHEAT+3242	proteomics_heat	1688437	1688472	+	1	2	K.AISLSGEAQSGR.I	16
PHEAT+3243	proteomics_heat	1688473	1688502	+	1	3	R.IDAVNEYNQK.V	14
PHEAT+3244	proteomics_heat	1688503	1688529	+	1	4	K.VQLTFNNLK.T	13
PHEAT+3245	proteomics_heat	1688530	1688568	+	1	3	K.TDGSSTLASFGER.V	17
PHEAT+3246	proteomics_heat	1688686	1688727	+	1	3	K.TINSQLDYSLSLTK.V	18
PHEAT+3247	proteomics_heat	1688887	1688928	+	1	5	K.VTEAFFSALPLMLK.G	18
PHEAT+3248	proteomics_heat	1689091	1689141	+	1	2	K.LTIPVDMATEFMTQVAK.L	21
PHEAT+3249	proteomics_heat	1689184	1689225	+	1	2	K.QQVEGASAMGQMFR.L	18
PHEAT+3250	proteomics_heat	1689226	1689303	+	1	2	R.LTTLQDNTITTSLQYANGQITLNGQK.M	30
PHEAT+3251	proteomics_heat	1698666	1698695	+	3	2	R.DSEVASSIEK.A	14
PHEAT+3252	proteomics_heat	1699011	1699052	+	3	2	R.HGTWCTQWDYVADR.F	18
PHEAT+3253	proteomics_heat	1699053	1699139	+	3	5	R.FGTADLLPFTISDMDFATAPCIIIEALNQR.L	33
PHEAT+3254	proteomics_heat	1699680	1699739	+	3	5	K.SFNIPALTGAYGIIENSSSR.D	24
PHEAT+3255	proteomics_heat	1700344	1700442	+	1	3	R.QYNISLPAQSLETTLIPHVQVIANEPDLVSFLT.K.L	37
PHEAT+3256	proteomics_heat	1700551	1700628	+	1	7	R.FSPGYMAMAHQLPVAGVVEAVIDGVR.E	30
PHEAT+3257	proteomics_heat	1700737	1700814	+	1	8	R.DQITALDLAGDELGFPGSLFLSHFNR.A	30
PHEAT+3258	proteomics_heat	1701073	1701162	+	1	2	R.ASINTDDPGVQGVDDIIHEYTVAAAPAAGLSR.E	34
PHEAT+3259	proteomics_heat	1705357	1705413	+	1	4	R.IHQFGVAGLGGAGFPTGVK.L	23
PHEAT+3260	proteomics_heat	1706557	1706607	+	1	3	K.QAELQQTNDAAATVADPR.K	21
PHEAT+3261	proteomics_heat	1706704	1706733	+	1	3	R.KAAVEAAIAR.A	14
PHEAT+3262	proteomics_heat	1706746	1706799	+	1	3	R.KLEQQQANAPEEQVDPR.K	22
PHEAT+3263	proteomics_heat	1706944	1706991	+	1	3	R.EQQPANAPEEQVDPR.K	20
PHEAT+3264	proteomics_heat	1707034	1707087	+	1	3	R.KLEQQQANAVPEEQVDPR.K	22
PHEAT+3265	proteomics_heat	1707178	1707210	+	1	2	R.IASSPYTHNQR.Q	15
PHEAT+3266	proteomics_heat	1708390	1708458	+	1	3	R.YNNALAQSCYLVTAPELGKGEHR.V	27
PHEAT+3267	proteomics_heat	1709829	1709870	+	3	2	R.ILLEQHNGEVPEDR.A	18
PHEAT+3268	proteomics_heat	1712407	1712457	+	1	2	K.LFYKPGACSLASHITLR.E	21

PHEAT+3269	proteomics_heat	1712458	1712502	+	1	2	R.ESGKDFTLVSVLDMK.K	19
PHEAT+3270	proteomics_heat	1712503	1712547	+	1	2	K.KRENGDDYFAVNP.K	19
PHEAT+3271	proteomics_heat	1712506	1712547	+	1	6	K.RLENGDDYFAVNP.K	18
PHEAT+3272	proteomics_heat	1712509	1712547	+	1	3	R.LENGDDYFAVNP.K	17
PHEAT+3273	proteomics_heat	1712548	1712640	+	1	54	K.GQVPALLLDDGTLTEGVAIMQYLADSVPR.Q	35
PHEAT+3274	proteomics_heat	1712641	1712673	+	1	2	R.QLLAPVNSISR.Y	15
PHEAT+3275	proteomics_heat	1712680	1712721	+	1	13	K.TIEWLNYIATELHK.G	18
PHEAT+3276	proteomics_heat	1712722	1712778	+	1	4	K.GFTPLFRPDTPEEYKPTVR.A	23
PHEAT+3277	proteomics_heat	1712737	1712778	+	1	6	L.FRPDTPEEYKPTVR.A	18
PHEAT+3278	proteomics_heat	1712797	1712850	+	1	6	K.LQYVNEALKDEHWICGQR.F	22
PHEAT+3279	proteomics_heat	1712908	1712952	+	1	9	K.LNLEGLEHIAAFMQR.M	19
PHEAT+3280	proteomics_heat	1712953	1713003	+	1	7	R.MAERPEVQDALSAEGLK.-	21
PHEAT+3281	proteomics_heat	1718152	1718223	+	1	10	R.SLATAAGAVAGGVAGQGVQSAMNK.T	28
PHEAT+3282	proteomics_heat	1718224	1718250	+	1	3	K.TQGVELEIR.K	13
PHEAT+3283	proteomics_heat	1718251	1718286	+	1	9	R.KDDGNTIMVVQK.Q	16
PHEAT+3284	proteomics_heat	1718254	1718286	+	1	6	K.DDGNTIMVVQK.Q	15
PHEAT+3285	proteomics_heat	1718320	1718364	+	1	14	R.VVLASNGSQVTVSPR.-	19
PHEAT+3286	proteomics_heat	1724773	1724823	+	1	2	R.SIEPGDIPTPLMAEYR.Q	21
PHEAT+3287	proteomics_heat	1725004	1725075	+	1	4	R.ISHASLQPGGQAPVAPSALSAGTR.T	28
PHEAT+3288	proteomics_heat	1725283	1725315	+	1	2	R.TDQYGGSVENR.A	15
PHEAT+3289	proteomics_heat	1725385	1725474	+	1	2	R.VSPIGTQNTDNGPNEEADALYLIEQLGKR.G	34
PHEAT+3290	proteomics_heat	1725562	1725606	+	1	2	R.FHGPIIGAGAYTVEK.A	19
PHEAT+3291	proteomics_heat	1726125	1726154	+	3	2	K.IRQNGGNVTR.E	14
PHEAT+3292	proteomics_heat	1726713	1726775	+	3	2	R.AIMVAHNANFDHFSFMMAAER.A	25
PHEAT+3293	proteomics_heat	1726791	1726868	+	3	2	R.NPFHPFATFDTAALAGLALGQTVLSK.A	30
PHEAT+3294	proteomics_heat	1731145	1731243	+	1	3	K.YARPLRHHQSSGGDSRKYPWRVRSIDANALSKYG.R	37
PHEAT+3295	proteomics_heat	1733405	1733437	+	2	9	M.SFELPALPYAK.D	15
PHEAT+3296	proteomics_heat	1733438	1733491	+	2	22	K.DALAPHISAETIEYHYGK.H	22
PHEAT+3297	proteomics_heat	1733456	1733491	+	2	2	H.ISAETIEYHYGK.H	16
PHEAT+3298	proteomics_heat	1733576	1733677	+	2	5	R.SSEGGVFNNAQVWNHTFYWNCLAPNAGGEPTGK.V	38
PHEAT+3299	proteomics_heat	1733576	1733638	+	2	2	R.SSEGGVFNNAQVWNHTFYWN.C	25
PHEAT+3300	proteomics_heat	1733577	1733651	+	3	5	A.ALKVAYSTTQLRSGTILSTGTAWHR.T	29
PHEAT+3301	proteomics_heat	1733600	1733677	+	2	2	N.NAAQVWNHTFYWNCLAPNAGGEPTGK.V	30
PHEAT+3302	proteomics_heat	1733621	1733677	+	2	2	N.HTFYWNCLAPNAGGEPTGK.V	23
PHEAT+3303	proteomics_heat	1733678	1733725	+	2	38	K.VAEAIAASFGSFADFK.A	20
PHEAT+3304	proteomics_heat	1733726	1733752	+	2	2	K.AQFTDAAIK.N	13
PHEAT+3305	proteomics_heat	1733753	1733785	+	2	4	K.NFGSGWTWLVK.N	15
PHEAT+3306	proteomics_heat	1733801	1733905	+	2	3	K.LAIVSTSNAGTPLTTDATPLLTVDVWEHAYYIDYR.N	39
PHEAT+3307	proteomics_heat	1733801	1733890	+	2	2	K.LAIVSTSNAGTPLTTDATPLLTVDVWEHAY.Y	34
PHEAT+3308	proteomics_heat	1735827	1735850	+	3	12	C.DFAGAEVR.V	12
PHEAT+3309	proteomics_heat	1735895	1735939	+	2	2	K.RANVSTTTVSHVINK.T	19
PHEAT+3310	proteomics_heat	1735898	1735939	+	2	4	R.ANVSTTTVSHVINK.T	18
PHEAT+3311	proteomics_heat	1735991	1736023	+	2	4	K.ELHYSPPAVAR.S	15
PHEAT+3312	proteomics_heat	1736048	1736116	+	2	28	K.SIGLLATSEAAAYFAEIIIEAVEK.N	27
PHEAT+3313	proteomics_heat	1736132	1736176	+	2	7	K.GYTLILGNAWNLEK.Q	19
PHEAT+3314	proteomics_heat	1736183	1736209	+	2	3	R.AYLSMMAQK.R	13

PHEAT+3315	proteomics_heat	1736210	1736281	+	2	11	K.RVDGLLLVMCSEYPELLAMLEEYR.H	28
PHEAT+3316	proteomics_heat	1736213	1736281	+	2	3	R.VDGLLLVMCSEYPELLAMLEEYR.H	27
PHEAT+3317	proteomics_heat	1736282	1736320	+	2	2	R.HIPMVMDWGEAK.A	17
PHEAT+3318	proteomics_heat	1736321	1736380	+	2	4	K.ADFTDAVIDNAFEGGYMAGR.Y	24
PHEAT+3319	proteomics_heat	1736405	1736437	+	2	2	R.EIGVIPGLER.N	15
PHEAT+3320	proteomics_heat	1736474	1736497	+	2	2	K.AMEEAMIK.V	12
PHEAT+3321	proteomics_heat	1736498	1736551	+	2	6	K.VPESWIVQGDPEPESGYR.A	22
PHEAT+3322	proteomics_heat	1736660	1736701	+	2	3	R.VPQDVSLIGYDNVR.N	18
PHEAT+3323	proteomics_heat	1736711	1736749	+	2	6	R.YFTPALTTIHQPK.D	17
PHEAT+3324	proteomics_heat	1736750	1736791	+	2	5	K.DSLGETAFNMMLDR.I	18
PHEAT+3325	proteomics_heat	1736807	1736839	+	2	2	R.EEPQSIEVHPR.L	15
PHEAT+3326	proteomics_heat	1739866	1739901	+	1	6	K.DADNLESAQQAK.L	16
PHEAT+3327	proteomics_heat	1740250	1740285	+	1	2	K.KTDLNVDPWINK.Y	16
PHEAT+3328	proteomics_heat	1741877	1741924	+	2	2	R.ALLWGAPGYLFFQVAR.N	20
PHEAT+3329	proteomics_heat	1744841	1744903	+	2	4	K.VWTESEKNHEAGGIYLFTEK.S	25
PHEAT+3330	proteomics_heat	1744862	1744903	+	2	4	K.NHEAGGIYLFTEK.S	18
PHEAT+3331	proteomics_heat	1744904	1744927	+	2	5	K.SALAYLEK.H	12
PHEAT+3332	proteomics_heat	1744940	1744975	+	2	6	R.LKNLGVVEEVAK.V	16
PHEAT+3333	proteomics_heat	1744976	1745020	+	2	3	K.VFDVNEPLSQINQAK.L	19
PHEAT+3334	proteomics_heat	1746547	1746609	+	1	3	K.TGDEIPDVGEDYTLQQPEDIR.G	25
PHEAT+3335	proteomics_heat	1746616	1746708	+	1	2	R.VAFGALPWLMDQPFVQGLTACAEIGEAMAR.A	35
PHEAT+3336	proteomics_heat	1747656	1747706	+	3	3	K.IKMTEDKKEAYKCQSKM.C	21
PHEAT+3337	proteomics_heat	1753788	1753817	+	3	5	K.MLDAGMNVMR.L	14
PHEAT+3338	proteomics_heat	1753818	1753859	+	3	8	R.LNFSGDYAEHGQR.I	18
PHEAT+3339	proteomics_heat	1753899	1753940	+	3	11	K.TAAILLDTKGPEIR.T	18
PHEAT+3340	proteomics_heat	1753899	1753925	+	3	4	K.TAAILLDTK.G	13
PHEAT+3341	proteomics_heat	1753941	1753979	+	3	3	R.TMKLEGGNDVSLK.A	17
PHEAT+3342	proteomics_heat	1753950	1753979	+	3	3	K.LEGGNDVSLK.A	14
PHEAT+3343	proteomics_heat	1753980	1754012	+	3	8	K.AGQTFFTTDTK.S	15
PHEAT+3344	proteomics_heat	1754157	1754189	+	3	8	K.VLNNGDLGENK.G	15
PHEAT+3345	proteomics_heat	1754157	1754240	+	3	3	K.VLNNGDLGENKGVNLPGVSIAPALAEK.D	32
PHEAT+3346	proteomics_heat	1754190	1754240	+	3	9	K.GVNLPGVSIAPALAEK.D	21
PHEAT+3347	proteomics_heat	1754241	1754306	+	3	17	K.DKQDLIFGCEQGVDFVAASFIR.K	26
PHEAT+3348	proteomics_heat	1754310	1754333	+	3	5	K.RSDVIEIR.E	12
PHEAT+3349	proteomics_heat	1754346	1754381	+	3	3	K.AHGGENIHIISK.I	16
PHEAT+3350	proteomics_heat	1754382	1754453	+	3	28	K.IENQEGLNNFDEILEASDGIMVAR.G	28
PHEAT+3351	proteomics_heat	1754454	1754504	+	3	18	R.GDLGVEIPVEEVIFAQK.M	21
PHEAT+3352	proteomics_heat	1754535	1754579	+	3	35	R.KVVITATQMLDSMIK.N	19
PHEAT+3353	proteomics_heat	1754535	1754588	+	3	2	R.KVVITATQMLDSMIKNPR.P	22
PHEAT+3354	proteomics_heat	1754598	1754672	+	3	9	R.AEAGDVANAILDGTDAVMLSGESAK.G	29
PHEAT+3355	proteomics_heat	1754643	1754723	+	3	2	D.AVMLSGESAKGKYPLEAVSIMATICER.T	31
PHEAT+3356	proteomics_heat	1754673	1754723	+	3	99	K.GKYPLEAVSIMATICER.T	21
PHEAT+3357	proteomics_heat	1754802	1754867	+	3	25	R.GAVETAEKLDAPLIVVATQGGK.S	26
PHEAT+3358	proteomics_heat	1754826	1754867	+	3	6	K.LDAPLIVVATQGGK.S	18
PHEAT+3359	proteomics_heat	1754886	1754933	+	3	30	R.KYFPDATILALTTNEK.T	20
PHEAT+3360	proteomics_heat	1754889	1754933	+	3	8	K.YFPDATILALTTNEK.T	19

PHEAT+3361	proteomics_heat	1754934	1754960	+	3	9	K.TAHQLVLSK.G	13
PHEAT+3362	proteomics_heat	1754985	1755014	+	3	2	K.EITSTDDFYR.L	14
PHEAT+3363	proteomics_heat	1755024	1755056	+	3	7	K.ELALQSGLAHK.G	15
PHEAT+3364	proteomics_heat	1755057	1755131	+	3	5	K.GDVVVMVSGALVPSGTTNTASVHVL.-	29
PHEAT+3365	proteomics_heat	1755523	1755564	+	1	18	K.IDQLSSDVQTLNAK.V	18
PHEAT+3366	proteomics_heat	1755565	1755600	+	1	19	K.VDQLSNDVNAMR.S	16
PHEAT+3367	proteomics_heat	1755601	1755636	+	1	8	R.SDVQAAKDDAAR.A	16
PHEAT+3368	proteomics_heat	1755601	1755633	+	1	2	R.SDVQAAKDDAA.R	15
PHEAT+3369	proteomics_heat	1755637	1755669	+	1	2	R.ANQRLDNMATK.Y	15
PHEAT+3370	proteomics_heat	1755649	1755669	+	1	2	R.LDNMATK.Y	11
PHEAT+3371	proteomics_heat	1772731	1772760	+	1	3	K.DLVIGTGAPK.I	14
PHEAT+3372	proteomics_heat	1772854	1772907	+	1	4	R.VDHYADLSNVESVMAAAK.I	22
PHEAT+3373	proteomics_heat	1773121	1773180	+	1	2	K.VVMSNHDFHKTPEAEIIAR.L	24
PHEAT+3374	proteomics_heat	1773187	1773219	+	1	2	R.KMQSFDADIPK.I	15
PHEAT+3375	proteomics_heat	1773397	1773438	+	1	2	K.KASAPGQISVNDLR.T	18
PHEAT+3376	proteomics_heat	1773439	1773465	+	1	2	R.TVLTILHQA.-	13
PHEAT+3377	proteomics_heat	1785811	1785843	+	1	3	R.THGLNPNNLNK.Y	15
PHEAT+3378	proteomics_heat	1785856	1785906	+	1	2	R.IAAIDYTLAHDGSLR.N	21
PHEAT+3379	proteomics_heat	1786000	1786077	+	1	3	R.AANYPFIADDMDNLVLPASLKPLQHK.L	30
PHEAT+3380	proteomics_heat	1786531	1786575	+	1	6	R.YPVTGPVATHVTDNR.R	19
PHEAT+3381	proteomics_heat	1786615	1786680	+	1	2	R.LLVIIIGPCSIHDLTAAMEYATR.L	26
PHEAT+3382	proteomics_heat	1786810	1786836	+	1	6	R.VNHGLELR.K	13
PHEAT+3383	proteomics_heat	1787068	1787097	+	1	2	R.ASHMFLSPDK.N	14
PHEAT+3384	proteomics_heat	1787098	1787157	+	1	3	K.NGQMTIYQTSNGNPYGHIIIMR.G	24
PHEAT+3385	proteomics_heat	1787287	1787325	+	1	2	R.QLEVCEICQQR.N	17
PHEAT+3386	proteomics_heat	1787326	1787373	+	1	2	R.NGSTAIAGIMAESFLR.E	20
PHEAT+3387	proteomics_heat	1787389	1787463	+	1	5	K.IVGSQPLTYGQSITDPCLGWEDTER.L	29
PHEAT+3388	proteomics_heat	1804403	1804474	+	2	6	R.IYTLTLAPSLDSATITPQIYPEGK.L	28
PHEAT+3389	proteomics_heat	1804532	1804651	+	2	3	R.AIAHLGGSATAIFPAGGATGEHLVSLADENVPVATVEAK.D	44
PHEAT+3390	proteomics_heat	1804664	1804708	+	2	3	R.QNLHVHVEASGEQYR.F	19
PHEAT+3391	proteomics_heat	1805012	1805044	+	2	4	R.KAAQEIVNSGK.A	15
PHEAT+3392	proteomics_heat	1805015	1805044	+	2	2	K.AAQEIVNSGK.A	14
PHEAT+3393	proteomics_heat	1805051	1805134	+	2	2	K.RVVVSLGPQGALGVDSENCIQVVPPPVK.S	32
PHEAT+3394	proteomics_heat	1805054	1805134	+	2	3	R.VVVSLGPQGALGVDSENCIQVVPPPVK.S	31
PHEAT+3395	proteomics_heat	1805225	1805272	+	2	2	R.FGVAAGSAATLNQGTR.L	20
PHEAT+3396	proteomics_heat	1805967	1806020	+	3	4	R.ELLPGFTAADQLELLSR.S	22
PHEAT+3397	proteomics_heat	1806306	1806356	+	3	2	K.GIAFGNIDAIVEHIQQR.L	21
PHEAT+3398	proteomics_heat	1806474	1806575	+	3	2	R.ECDLAMLPLHTEQPPQIYDGYQSVSPLPADFLER.Q	38
PHEAT+3399	proteomics_heat	1807530	1807562	+	3	3	R.RNELPDTLGLR.I	15
PHEAT+3400	proteomics_heat	1807650	1807697	+	3	4	R.AISLVEETRPLLPQVGR.E	20
PHEAT+3401	proteomics_heat	1807719	1807775	+	3	4	K.EQGLLVGLASASPLHMLEK.V	23
PHEAT+3402	proteomics_heat	1807800	1807832	+	3	5	R.DSFDALASAEL.L	15
PHEAT+3403	proteomics_heat	1807884	1807949	+	3	4	K.LGVDPLTCAVEDSVNGMIASK.A	26
PHEAT+3404	proteomics_heat	1809396	1809428	+	3	4	R.LNAIESNYVGK.V	15
PHEAT+3405	proteomics_heat	1809402	1809428	+	3	2	N.AIESNYVGK.V	13
PHEAT+3406	proteomics_heat	1809429	1809476	+	3	24	K.VSDLSVPQLVLSFIPK.N	20

PHEAT+3407	proteomics_heat	1809567	1809590	+	3	3	K.LLKDDAPK.G	12
PHEAT+3408	proteomics_heat	1809567	1809599	+	3	6	K.LLKDDAPKGER.V	15
PHEAT+3409	proteomics_heat	1809840	1809878	+	3	11	R.KVWPVLTFAFTSR.S	17
PHEAT+3410	proteomics_heat	1809876	1809923	+	3	2	S.RSSAASIPLNVEAQTR.R	20
PHEAT+3411	proteomics_heat	1809879	1809923	+	3	3	R.SSAASIPLNVEAQTR.R	19
PHEAT+3412	proteomics_heat	1810233	1810292	+	3	17	R.TALNVSGSMTAGTLTSQWLK.Q	24
PHEAT+3413	proteomics_heat	1810305	1810346	+	3	5	K.AILDEDDAELAHH.-	18
PHEAT+3414	proteomics_heat	1812083	1812109	+	2	2	K.LNSLEDVRK.G	13
PHEAT+3415	proteomics_heat	1812107	1812151	+	2	6	R.KGSENYALTTNQGVR.I	19
PHEAT+3416	proteomics_heat	1812110	1812151	+	2	2	K.GSENYALTTNQGVR.I	18
PHEAT+3417	proteomics_heat	1812191	1812223	+	2	2	R.GPTLLEDFILR.E	15
PHEAT+3418	proteomics_heat	1812281	1812316	+	2	2	R.GSAAHGYFPQYK.S	16
PHEAT+3419	proteomics_heat	1812386	1812430	+	2	2	R.FSTVQGGAGSADTVR.D	19
PHEAT+3420	proteomics_heat	1812455	1812529	+	2	4	K.FYTEEGIFDLVGNNTPIFFIQDAHK.F	29
PHEAT+3421	proteomics_heat	1812692	1812724	+	2	2	R.TMEGFGIHTFR.L	15
PHEAT+3422	proteomics_heat	1813325	1813354	+	2	2	K.RGGFESYQER.V	14
PHEAT+3423	proteomics_heat	1813382	1813417	+	2	4	R.SPSFGEYSHPR.L	16
PHEAT+3424	proteomics_heat	1813517	1813570	+	2	2	R.VVDQLAHIDLTLAQAVAK.N	22
PHEAT+3425	proteomics_heat	1813643	1813687	+	2	4	K.DPSLSLYAIPDGDVK.G	19
PHEAT+3426	proteomics_heat	1814018	1814110	+	2	5	K.IADQGEEGIVEADSADGSFMDELLTLMAAHR.V	35
PHEAT+3427	proteomics_heat	1820482	1820508	+	1	2	S.MTLQQQIIK.A	13
PHEAT+3428	proteomics_heat	1820509	1820556	+	1	5	K.ALGAKPQINAEIEIR.S	20
PHEAT+3429	proteomics_heat	1820509	1820553	+	1	4	K.ALGAKPQINAEIEIR.R	19
PHEAT+3430	proteomics_heat	1820575	1820604	+	1	4	K.SYLQTYPFIK.S	14
PHEAT+3431	proteomics_heat	1820605	1820655	+	1	2	K.SLVLGISGGQDSTLAGK.L	21
PHEAT+3432	proteomics_heat	1820656	1820685	+	1	5	K.LCQMAINELR.L	14
PHEAT+3433	proteomics_heat	1820686	1820727	+	1	4	R.LETGNESLQFI AVR.L	18
PHEAT+3434	proteomics_heat	1820728	1820796	+	1	14	R.LPYGVQADEQDCQDAIAFIQPDR.V	27
PHEAT+3435	proteomics_heat	1820818	1820850	+	1	2	K.GAVLASEQALR.E	15
PHEAT+3436	proteomics_heat	1820851	1820883	+	1	2	R.EAGIELSDFVR.G	15
PHEAT+3437	proteomics_heat	1820914	1821000	+	1	39	K.AQYSIAGMTSGVVVGTDHAAEAITGFFTK.Y	33
PHEAT+3438	proteomics_heat	1821001	1821039	+	1	4	K.YGDGGTDINPLYR.L	17
PHEAT+3439	proteomics_heat	1821061	1821102	+	1	6	K.QLLAALACPEHLYK.K	18
PHEAT+3440	proteomics_heat	1821103	1821204	+	1	5	K.KAPTADLEDDRPSLPDEVALGVTYDNIDDYLEGK.N	38
PHEAT+3441	proteomics_heat	1821268	1821306	+	1	3	R.RPPITVFDDFWKK.-	17
PHEAT+3442	proteomics_heat	1821268	1821303	+	1	5	R.RPPITVFDDFWK.K	16
PHEAT+3443	proteomics_heat	1830488	1830523	+	2	2	R.ARPHQLEAIVEK.H	16
PHEAT+3444	proteomics_heat	1830524	1830559	+	2	7	K.HQPDPVIGLQETK.V	16
PHEAT+3445	proteomics_heat	1830599	1830631	+	2	4	K.LGYNVFYHGQK.G	15
PHEAT+3446	proteomics_heat	1830722	1830799	+	2	7	R.IIMAEIPSLGNVTVINGYFPQGESR.D	30
PHEAT+3447	proteomics_heat	1830827	1830877	+	2	5	K.AQFYQNLQNYLETELKR.D	21
PHEAT+3448	proteomics_heat	1831019	1831051	+	2	3	R.LMSWGLVDTFR.H	15
PHEAT+3449	proteomics_heat	1831133	1831204	+	2	4	R.IDLLLASQPLAECCVETGIDYEIR.S	28
PHEAT+3450	proteomics_heat	1831205	1831252	+	2	6	R.SMEKPSDHAPVWATFR.R	20
PHEAT+3451	proteomics_heat	1834574	1834627	+	2	2	R.DVTPQPQTPQALLEFAK.A	22
PHEAT+3452	proteomics_heat	1835081	1835149	+	2	2	R.KADPAVWGDPVLDLPQKLPDGQR.E	27

PHEAT+3453	proteomics_heat	1838508	1838573	+	3	2	R.WGHAGSDSTHMEDFHNPDTMR.S	26
PHEAT+3454	proteomics_heat	1840395	1840442	+	3	4	S.MDQYSLESFLNHVQK.R	20
PHEAT+3455	proteomics_heat	1840443	1840481	+	3	4	K.RDPNQTEFAQAVR.E	17
PHEAT+3456	proteomics_heat	1840446	1840481	+	3	8	R.DPNQTEFAQAVR.E	16
PHEAT+3457	proteomics_heat	1840482	1840526	+	3	7	R.EVMTTLWPFLEQNP.K.Y	19
PHEAT+3458	proteomics_heat	1840638	1840670	+	3	5	R.VQFSSAIGPYK.G	15
PHEAT+3459	proteomics_heat	1840683	1840715	+	3	4	R.FHPSVNLK.SILK.F	15
PHEAT+3460	proteomics_heat	1840716	1840742	+	3	3	K.FLGFEQTFK.N	13
PHEAT+3461	proteomics_heat	1840743	1840778	+	3	5	K.NALTTLPMGGGK.G	16
PHEAT+3462	proteomics_heat	1840803	1840829	+	3	2	K.GKSEGEVMR.F	13
PHEAT+3463	proteomics_heat	1840830	1840862	+	3	4	R.FCQALMTELYR.H	15
PHEAT+3464	proteomics_heat	1840863	1840916	+	3	8	R.HLGADTDVVPAGDIGVGR.E	22
PHEAT+3465	proteomics_heat	1840947	1840985	+	3	4	K.KLSNNTACVFTGK.G	17
PHEAT+3466	proteomics_heat	1840950	1840985	+	3	3	K.LSNNTACVFTGK.G	16
PHEAT+3467	proteomics_heat	1840986	1841066	+	3	33	K.GLSFGGSLIRPEATGYGLVYFTEAMLK.R	31
PHEAT+3468	proteomics_heat	1840986	1841069	+	3	9	K.GLSFGGSLIRPEATGYGLVYFTEAMLK.R.H	32
PHEAT+3469	proteomics_heat	1841070	1841096	+	3	3	R.HGMGFEGMR.V	13
PHEAT+3470	proteomics_heat	1841097	1841144	+	3	4	R.VSVSGSGNVAQYAIK.A	20
PHEAT+3471	proteomics_heat	1841166	1841222	+	3	20	R.VITASDSSGTVVDESFTK.E	23
PHEAT+3472	proteomics_heat	1841289	1841417	+	3	4	K.EFGLVYLEGQQPWSLPVDIALPCATQNELDVDAHQLIANGVK.A	47
PHEAT+3473	proteomics_heat	1841418	1841504	+	3	19	K.AVAEGANMPTTIEATELQQAGVLFAPGK.A	33
PHEAT+3474	proteomics_heat	1841505	1841564	+	3	8	K.AANAGGVATSGLEMAQNAAR.L	24
PHEAT+3475	proteomics_heat	1847224	1847268	+	1	2	K.NFAGGDQPSMQYIGK.A	19
PHEAT+3476	proteomics_heat	1847488	1847535	+	1	2	K.SAVEPFIRDDMSPAAR.E	20
PHEAT+3477	proteomics_heat	1847551	1847601	+	1	2	R.WIGELWQNYLNTVAANR.Q	21
PHEAT+3478	proteomics_heat	1848376	1848414	+	1	2	K.IAQGHVWTGQDAK.A	17
PHEAT+3479	proteomics_heat	1848484	1848537	+	1	4	K.VKQWHLEYVDEPTFFDK.V	22
PHEAT+3480	proteomics_heat	1849259	1849345	+	2	7	R.SDGQINLLNALYVAANYPINEVTLFFNNR.L	33
PHEAT+3481	proteomics_heat	1849373	1849447	+	2	9	K.AHADGFDAFASPPLPPLLEAGIHIR.R	29
PHEAT+3482	proteomics_heat	1849448	1849564	+	2	3	R.RLNTPPAPHGEGELIVHPITPQIGVVITYPGISADVVR.N	43
PHEAT+3483	proteomics_heat	1849604	1849636	+	2	2	R.SYGVGNAPQNK.A	15
PHEAT+3484	proteomics_heat	1849808	1849855	+	2	5	K.LHYLLSQELDTETIRK.A	20
PHEAT+3485	proteomics_heat	1849808	1849852	+	2	4	K.LHYLLSQELDTETIRK.K	19
PHEAT+3486	proteomics_heat	1860807	1860830	+	3	12	K.VGINGFGR.I	12
PHEAT+3487	proteomics_heat	1860864	1860932	+	3	13	K.RSDIEIVAINDLLDADYMLK.Y	27
PHEAT+3488	proteomics_heat	1860867	1860932	+	3	1155	R.SDIEIVAINDLLDADYMLK.Y	26
PHEAT+3489	proteomics_heat	1860867	1860923	+	3	2	R.SDIEIVAINDLLDADYMLK.M	23
PHEAT+3490	proteomics_heat	1860891	1860932	+	3	196	I.NDLLDADYMLK.Y	18
PHEAT+3491	proteomics_heat	1860933	1860977	+	3	8	K.YDSTHGRFDGTVEVK.D	19
PHEAT+3492	proteomics_heat	1860954	1861004	+	3	9	R.FDGTVEVKDGHLVNGK.K	21
PHEAT+3493	proteomics_heat	1860954	1860977	+	3	12	R.FDGTVEVK.D	12
PHEAT+3494	proteomics_heat	1860978	1861004	+	3	44	K.DGHLVNGK.K	13
PHEAT+3495	proteomics_heat	1860978	1861007	+	3	3	K.DGHLVNGK.I	14
PHEAT+3496	proteomics_heat	1861014	1861046	+	3	21	R.VTAERDPANLK.W	15
PHEAT+3497	proteomics_heat	1861014	1861115	+	3	453	R.VTAERDPANLKWDEVGVDVVAEATGLFLTDETAR.K	38
PHEAT+3498	proteomics_heat	1861014	1861118	+	3	34	R.VTAERDPANLKWDEVGVDVVAEATGLFLTDETARK.H	39

PHEAT+3499	proteomics_heat	1861029	1861115	+	3	20	R.DPANLKWDEVGVDDVVAEATGLFLTDEAR.K	33
PHEAT+3500	proteomics_heat	1861029	1861118	+	3	6	R.DPANLKWDEVGVDDVVAEATGLFLTDEARK.H	34
PHEAT+3501	proteomics_heat	1861041	1861118	+	3	41	N.LKWDEVGVDDVVAEATGLFLTDEARK.H	30
PHEAT+3502	proteomics_heat	1861047	1861115	+	3	2072	K.WDEVGVDDVVAEATGLFLTDEAR.K	27
PHEAT+3503	proteomics_heat	1861047	1861118	+	3	200	K.WDEVGVDDVVAEATGLFLTDEARK.H	28
PHEAT+3504	proteomics_heat	1861140	1861190	+	3	6	K.KVVMTGPSKDNTPMFVK.G	21
PHEAT+3505	proteomics_heat	1861140	1861166	+	3	7	K.KVVMTGPSK.D	13
PHEAT+3506	proteomics_heat	1861140	1861181	+	3	4	K.KVVMTGPSKDNTPM.F	18
PHEAT+3507	proteomics_heat	1861140	1861169	+	3	3	K.KVVMTGPSKD.N	14
PHEAT+3508	proteomics_heat	1861143	1861190	+	3	8	K.VVMTGPSKDNTPMFVK.G	20
PHEAT+3509	proteomics_heat	1861143	1861196	+	3	3	K.VVMTGPSKDNTPMFVKGA.N	22
PHEAT+3510	proteomics_heat	1861143	1861166	+	3	4	K.VVMTGPSK.D	12
PHEAT+3511	proteomics_heat	1861191	1861274	+	3	32	K.GANFDKYAGQDIVSNASCTTNCLAPLAK.V	32
PHEAT+3512	proteomics_heat	1861209	1861274	+	3	24	K.YAGQDIVSNASCTTNCLAPLAK.V	26
PHEAT+3513	proteomics_heat	1861272	1861346	+	3	2	A.KVINDNFGIIEGLMTTVHATTATQK.T	29
PHEAT+3514	proteomics_heat	1861275	1861346	+	3	351	K.VINDNFGIIEGLMTTVHATTATQK.T	28
PHEAT+3515	proteomics_heat	1861275	1861325	+	3	7	K.VINDNFGIIEGLMTTVH.A	21
PHEAT+3516	proteomics_heat	1861278	1861346	+	3	3	V.INDNFGIIEGLMTTVHATTATQK.T	27
PHEAT+3517	proteomics_heat	1861293	1861346	+	3	15	F.GIIEGLMTTVHATTATQK.T	22
PHEAT+3518	proteomics_heat	1861296	1861346	+	3	2	G.IIEGLMTTVHATTATQK.T	21
PHEAT+3519	proteomics_heat	1861299	1861346	+	3	7	I.IEGLMTTVHATTATQK.T	20
PHEAT+3520	proteomics_heat	1861311	1861346	+	3	6	L.MTTVHATTATQK.T	16
PHEAT+3521	proteomics_heat	1861314	1861346	+	3	2	M.TTVHATTATQK.T	15
PHEAT+3522	proteomics_heat	1861347	1861379	+	3	3	K.TVDGPSHKDWR.G	15
PHEAT+3523	proteomics_heat	1861389	1861433	+	3	33	R.GASQNIIPSSTGAAK.A	19
PHEAT+3524	proteomics_heat	1861488	1861532	+	3	3	F.RVPTPNVSVVDLTVR.L	19
PHEAT+3525	proteomics_heat	1861491	1861532	+	3	68	R.VPTPNVSVVDLTVR.L	18
PHEAT+3526	proteomics_heat	1861506	1861532	+	3	2	N.VSVVDLTVR.L	13
PHEAT+3527	proteomics_heat	1861542	1861580	+	3	2	K.AATYEQIKA AVKA.A	17
PHEAT+3528	proteomics_heat	1861602	1861682	+	3	443	K.GVLGYTEDDVVSTDFNGEVCTSVFDAK.A	31
PHEAT+3529	proteomics_heat	1861683	1861715	+	3	77	K.AGIALNDNFVK.L	15
PHEAT+3530	proteomics_heat	1861716	1861757	+	3	64	K.LVSWYDNETGYSNK.V	18
PHEAT+3531	proteomics_heat	1861731	1861757	+	3	2	Y.DNETGYSNK.V	13
PHEAT+3532	proteomics_heat	1861758	1861787	+	3	21	K.VLDLIAHISK.-	14
PHEAT+3533	proteomics_heat	1861883	1861933	+	2	5	K.KIFALPVIEQISPVLSR.R	21
PHEAT+3534	proteomics_heat	1861886	1861933	+	2	10	K.IFALPVIEQISPVLSR.R	20
PHEAT+3535	proteomics_heat	1861934	1861984	+	2	3	R.RKLELDLIVVDHPQVK.A	21
PHEAT+3536	proteomics_heat	1861937	1861984	+	2	8	R.KLELDLIVVDHPQVK.A	20
PHEAT+3537	proteomics_heat	1861937	1861990	+	2	2	R.KLELDLIVVDHPQVKAS.F	22
PHEAT+3538	proteomics_heat	1861985	1862077	+	2	9	K.ASFALQGAHLLSWKPAGEEEVLWLSNNTPFK.N	35
PHEAT+3539	proteomics_heat	1862012	1862077	+	2	3	H.LLSWKPAGEEEVLWLSNNTPFK.N	26
PHEAT+3540	proteomics_heat	1862096	1862170	+	2	6	R.GGVPVCWPWFGPAAQQGLPAHG FAR.N	29
PHEAT+3541	proteomics_heat	1862258	1862287	+	2	2	K.KFWPHDFTLL.A	14
PHEAT+3542	proteomics_heat	1862423	1862449	+	2	4	R.FIDKVND AK.E	13
PHEAT+3543	proteomics_heat	1862423	1862491	+	2	3	R.FIDKVND AKENVLT DGIQTFPDR.T	27
PHEAT+3544	proteomics_heat	1862450	1862491	+	2	2	K.ENVLT DGIQTFPDR.T	18

PHEAT+3545	proteomics_heat	1862501	1862554	+	2	7	R.VYLNPDQDCSVINDEALNR.I	22
PHEAT+3546	proteomics_heat	1862555	1862656	+	2	2	R.IIIVGHQHHLNVVGNPNPALSISMGMPPDDGYK.T	38
PHEAT+3547	proteomics_heat	1862657	1862701	+	2	3	K.TFVCVETAYASETQK.V	19
PHEAT+3548	proteomics_heat	1864956	1865018	+	3	2	R.QRYEAAKDEEFTLQEFLTTCR.Q	25
PHEAT+3549	proteomics_heat	1865055	1865108	+	3	2	R.LLMAIGEPVMVDTAQEPR.L	22
PHEAT+3550	proteomics_heat	1865145	1865210	+	3	2	R.YPAFEFYGMEIAIEQIVSYLK.H	26
PHEAT+3551	proteomics_heat	1865238	1865279	+	3	7	K.KQILYLLGPPVGGGK.S	18
PHEAT+3552	proteomics_heat	1865304	1865354	+	3	4	K.SLMQLVPIYVLSANGER.S	21
PHEAT+3553	proteomics_heat	1865355	1865420	+	3	3	R.SPVNDHPFCLFNPQEDAQILEK.E	26
PHEAT+3554	proteomics_heat	1865526	1865564	+	3	2	K.VWPSILQQIAIAK.T	17
PHEAT+3555	proteomics_heat	1865565	1865615	+	3	4	K.TEPGDENNQDISALVGK.V	21
PHEAT+3556	proteomics_heat	1865628	1865690	+	3	6	R.KLEHYAQNDPDAYGYSALCR.A	25
PHEAT+3557	proteomics_heat	1865868	1865900	+	3	2	R.NNKNNEAFLDR.V	15
PHEAT+3558	proteomics_heat	1865964	1866029	+	3	9	K.LLNHSELTHAPCAPGTLETLSR.F	26
PHEAT+3559	proteomics_heat	1866048	1866083	+	3	2	R.LKEPENSSIYSK.M	16
PHEAT+3560	proteomics_heat	1866153	1866197	+	3	6	R.DYAGVDEGMNGLSTR.F	19
PHEAT+3561	proteomics_heat	1866222	1866299	+	3	16	R.VFNFDHVEVAANPVHLFYVLEQQIER.E	30
PHEAT+3562	proteomics_heat	1866693	1866743	+	3	3	K.MFSNTEELLPVISFNAK.T	21
PHEAT+3563	proteomics_heat	1871676	1871702	+	3	5	R.VVTHEAVGK.C	13
PHEAT+3564	proteomics_heat	1871775	1871867	+	3	5	K.GNGVNQHVLAILAADQQADLSQLASHIGGLR.A	35
PHEAT+3565	proteomics_heat	1871868	1871951	+	3	2	R.ASLASPAEVELTGCVFGAIPPFHFHPK.L	32
PHEAT+3566	proteomics_heat	1874951	1874989	+	2	2	K.RVYDPAEQSDGYR.I	17
PHEAT+3567	proteomics_heat	1874954	1874989	+	2	2	R.VYDPAEQSDGYR.I	16
PHEAT+3568	proteomics_heat	1875194	1875226	+	2	2	K.KQPLTLLYSK.N	15
PHEAT+3569	proteomics_heat	1875227	1875271	+	2	2	K.NTTQNHALVLADWLR.S	19
PHEAT+3570	proteomics_heat	1876486	1876557	+	1	3	I.GRLGGDEFLVVSLNNENADISSLR.E	28
PHEAT+3571	proteomics_heat	1880887	1880949	+	1	2	R.FQQAHNGILAAIEEVIAHGPK.T	25
PHEAT+3572	proteomics_heat	1891424	1891546	+	2	17	R.WSDVVIHNNNTLYYTGVPENLDADAFEQTANTLAQIDAVLEK.Q	45
PHEAT+3573	proteomics_heat	1891562	1891624	+	2	20	K.SSILDATIFLADKNDFAAMNK.A	25
PHEAT+3574	proteomics_heat	1891625	1891666	+	2	5	K.AWDAAVVAGHAPVR.C	18
PHEAT+3575	proteomics_heat	1891667	1891699	+	2	5	R.CTVQAGLMNPK.Y	15
PHEAT+3576	proteomics_heat	1893015	1893044	+	3	2	K.ETVVSESEKR.T	14
PHEAT+3577	proteomics_heat	1893045	1893095	+	3	4	R.TTTTDDPLQVLQQVLDLDR.A	21
PHEAT+3578	proteomics_heat	1893801	1893905	+	3	4	K.VPELFFVVEFPFAVHHLVSTITAQLPEQLHASDLLR.A	39
PHEAT+3579	proteomics_heat	1894983	1895027	+	3	2	K.VGIGPSSSHTVGPMA.A	19
PHEAT+3580	proteomics_heat	1895130	1895219	+	3	10	K.GHHTDIAIIMGLAGNEPATVDIDSIPGFIR.D	34
PHEAT+3581	proteomics_heat	1895796	1895897	+	3	6	R.VVTAPTNGACGIVPAVLAYYDHFIESVSPDIYTR.Y	38
PHEAT+3582	proteomics_heat	1900075	1900128	+	1	31	V.TIAIVIGTHGWAAEQLLK.T	22
PHEAT+3583	proteomics_heat	1900129	1900215	+	1	5	K.TAEMLLGEQENVGWIDFVPGENAETLIEK.Y	33
PHEAT+3584	proteomics_heat	1900216	1900236	+	1	2	K.YNAQLAK.L	11
PHEAT+3585	proteomics_heat	1900252	1900308	+	1	29	K.GVLFLVDTWGGSPFNAASR.I	23
PHEAT+3586	proteomics_heat	1900309	1900386	+	1	6	R.IVVDKHEHYEVIAGVNIPMLVETLMAR.D	30
PHEAT+3587	proteomics_heat	1900387	1900440	+	1	234	R.DDDPSFDELVALAVETGR.E	22
PHEAT+3588	proteomics_heat	1900480	1900512	+	1	6	K.AAPAPAAAAPK.A	15
PHEAT+3589	proteomics_heat	1900513	1900575	+	1	4	K.AAPTAKPMGPNDYMVIGLAR.I	25
PHEAT+3590	proteomics_heat	1900588	1900614	+	1	2	R.LIHGQVATR.W	13

PHEAT+3591	proteomics_heat	1900642	1900686	+	1	10	R.IIVSDEVAADTVRK.T	19
PHEAT+3592	proteomics_heat	1900642	1900683	+	1	4	R.IIVSDEVAADTVR.K	18
PHEAT+3593	proteomics_heat	1900684	1900746	+	1	14	R.KLLTQVAPPGVTAHVVDVAK.M	25
PHEAT+3594	proteomics_heat	1900687	1900746	+	1	15	K.TLLTQVAPPGVTAHVVDVAK.M	24
PHEAT+3595	proteomics_heat	1900789	1900827	+	1	5	R.VMLLFTNPTDVER.L	17
PHEAT+3596	proteomics_heat	1900849	1900884	+	1	5	K.ITSVNVGGMAFR.Q	16
PHEAT+3597	proteomics_heat	1900894	1900950	+	1	6	K.TQVNNAVSVDEKDIEAFKK.L	23
PHEAT+3598	proteomics_heat	1900894	1900929	+	1	4	K.TQVNNAVSVDEK.D	16
PHEAT+3599	proteomics_heat	1900894	1900947	+	1	4	K.TQVNNAVSVDEKDIEAFK.K	22
PHEAT+3600	proteomics_heat	1901991	1902026	+	3	5	R.SNLFQGSWNFER.M	16
PHEAT+3601	proteomics_heat	1902027	1902071	+	3	13	R.MQALGFCFSMVPFPAIR.R	19
PHEAT+3602	proteomics_heat	1902072	1902101	+	3	5	R.RLYPENNEAR.K	14
PHEAT+3603	proteomics_heat	1902120	1902197	+	3	90	R.HLEFFNTQPFVAAPILGVTLALEEQR.A	30
PHEAT+3604	proteomics_heat	1902198	1902242	+	3	5	R.ANGAEIDDGAINGIK.V	19
PHEAT+3605	proteomics_heat	1902243	1902314	+	3	4	K.VGLMGPLAGVGDPIFWGTVRPVFA.A	28
PHEAT+3606	proteomics_heat	1902453	1902479	+	3	3	K.DMGGGFLQK.L	13
PHEAT+3607	proteomics_heat	1902480	1902536	+	3	3	K.LTEGASILGLFVMGALVNK.W	23
PHEAT+3608	proteomics_heat	1902537	1902572	+	3	9	K.WTHVNIPLVSR.I	16
PHEAT+3609	proteomics_heat	1907087	1907119	+	2	2	R.GTSTVQYLHTK.S	15
PHEAT+3610	proteomics_heat	1915954	1915992	+	1	2	K.EQDHFVALDTQPK.Y	17
PHEAT+3611	proteomics_heat	1916656	1916685	+	1	2	R.KEFVVVPGEK.A	14
PHEAT+3612	proteomics_heat	1917181	1917225	+	1	2	R.ANAFIDILHIKPEYR.N	19
PHEAT+3613	proteomics_heat	1917619	1917708	+	1	2	R.FSVVTPQISAAGVEHLDTILQPYINVEPGR.G	34
PHEAT+3614	proteomics_heat	1918781	1918858	+	2	3	R.VFGAAVPEMFDAILLDAPCSGEGVVR.K	30
PHEAT+3615	proteomics_heat	1919096	1919167	+	2	2	K.ALTEEGFLHVPQIYDCEGFFVAR.L	28
PHEAT+3616	proteomics_heat	1928947	1928979	+	1	3	R.VMLLGSSELGK.E	15
PHEAT+3617	proteomics_heat	1929070	1929108	+	1	6	R.SHVINMLDGDALR.R	17
PHEAT+3618	proteomics_heat	1929112	1929222	+	1	2	R.VVELEKPHYIVPEIEAIATDMLIQLEEEGLNVPCAR.A	41
PHEAT+3619	proteomics_heat	1929259	1929303	+	1	3	R.RLAAEELQLPTSTYR.F	19
PHEAT+3620	proteomics_heat	1929262	1929303	+	1	3	R.LAAEELQLPTSTYR.F	18
PHEAT+3621	proteomics_heat	1929304	1929330	+	1	2	R.FADSESLFR.E	13
PHEAT+3622	proteomics_heat	1929331	1929393	+	1	4	R.EAVADIGYPCIVKPMSSSGK.G	25
PHEAT+3623	proteomics_heat	1929412	1929441	+	1	5	R.SAEQLAQAWK.Y	14
PHEAT+3624	proteomics_heat	1929577	1929642	+	1	2	R.QEDGDYRESWQPQQMSPLALER.A	26
PHEAT+3625	proteomics_heat	1929598	1929642	+	1	2	R.ESWQPQQMSPLALER.A	19
PHEAT+3626	proteomics_heat	1929754	1929819	+	1	2	R.PHDTGMVTLISQDLSEFALHVR.A	26
PHEAT+3627	proteomics_heat	1929820	1929852	+	1	2	R.AFLGLPVGIR.Q	15
PHEAT+3628	proteomics_heat	1929853	1929957	+	1	2	R.QYGPAAAVILPQLTSQNVTFDNVQNAVADLQIR.L	39
PHEAT+3629	proteomics_heat	1929958	1929990	+	1	3	R.LFGKPEIDGSR.R	15
PHEAT+3630	proteomics_heat	1929991	1930044	+	1	5	R.RLGVALATAESVVDAIER.A	22
PHEAT+3631	proteomics_heat	1929994	1930044	+	1	36	R.LGVALATAESVVDAIER.A	21
PHEAT+3632	proteomics_heat	1934877	1934924	+	3	2	K.LHLAQLSANGTPYVNR.N	20
PHEAT+3633	proteomics_heat	1935694	1935750	+	1	4	R.TKIVTTLGPATDRDNNLEK.V	23
PHEAT+3634	proteomics_heat	1935700	1935750	+	1	4	K.IVTTLGPATDRDNNLEK.V	21
PHEAT+3635	proteomics_heat	1935751	1935780	+	1	3	K.VIAAGANVVVR.M	14
PHEAT+3636	proteomics_heat	1935862	1935897	+	1	13	R.HVAILGDLQGPK.I	16

PHEAT+3637	proteomics_heat	1935928	1935951	+	1	4	K.VFLNIGDK.F	12
PHEAT+3638	proteomics_heat	1935952	1935999	+	1	2	K.FLLDANLGKGEKDKEK.V	20
PHEAT+3639	proteomics_heat	1936018	1936071	+	1	6	K.GLPADVPGDILLDDGR.V	22
PHEAT+3640	proteomics_heat	1936084	1936107	+	1	6	K.VLEVQGMK.V	12
PHEAT+3641	proteomics_heat	1936108	1936152	+	1	2	K.VFTEVTVGGPLSNK.G	19
PHEAT+3642	proteomics_heat	1936165	1936221	+	1	6	K.LGGGLSAEALTEKDADIK.T	23
PHEAT+3643	proteomics_heat	1936165	1936203	+	1	2	K.LGGGLSAEALTEK.D	17
PHEAT+3644	proteomics_heat	1936165	1936209	+	1	2	K.LGGGLSAEALTEKDK.A	19
PHEAT+3645	proteomics_heat	1936222	1936269	+	1	7	K.TAALIGVDYLAVSFPR.C	20
PHEAT+3646	proteomics_heat	1936351	1936422	+	1	8	R.AEAVCSQDAMDDIILASDVVMVAR.G	28
PHEAT+3647	proteomics_heat	1936423	1936473	+	1	5	R.GDLGVEIGDPELVGIQK.A	21
PHEAT+3648	proteomics_heat	1936507	1936566	+	1	2	R.AVITATQMMESMITNPMPTA.A	24
PHEAT+3649	proteomics_heat	1936567	1936680	+	1	12	R.AEVMDVANAVLDGTDVAVMLSAETAAGQYPSETVAAMAR.V	42
PHEAT+3650	proteomics_heat	1936726	1936803	+	1	2	K.HRLDVQFDNVEEAIAMSAMYAANHLK.G	30
PHEAT+3651	proteomics_heat	1936732	1936803	+	1	12	R.LDVQFDNVEEAIAMSAMYAANHLK.G	28
PHEAT+3652	proteomics_heat	1936864	1936899	+	1	2	R.ISSGLPIFAMSR.H	16
PHEAT+3653	proteomics_heat	1936909	1936935	+	1	3	R.TLNLTYLR.G	13
PHEAT+3654	proteomics_heat	1936936	1937010	+	1	10	R.GVTPVHFDSANDGVAAASEAVNLLR.D	29
PHEAT+3655	proteomics_heat	1940740	1940778	+	1	2	R.VLSDVSLELKP GK.I	17
PHEAT+3656	proteomics_heat	1940779	1940814	+	1	2	K.ILTLGPNAGK.S	16
PHEAT+3657	proteomics_heat	1940830	1940874	+	1	2	R.VVLGLVTPDEGVIKR.N	19
PHEAT+3658	proteomics_heat	1941007	1941045	+	1	4	R.VQAGHLINAPMQK.L	17
PHEAT+3659	proteomics_heat	1941085	1941186	+	1	4	R.ALLNRPQLLVLEPTQGVVDVNGQVALYDLIDQLR.R	38
PHEAT+3660	proteomics_heat	1941247	1941345	+	1	2	K.TDEVLCNHHICCSGTPEVVS LHPEFISMFGPR.G	37
PHEAT+3661	proteomics_heat	1949021	1949086	+	2	2	R.VGWSADYAEALKQPV DAPSPAK.V	26
PHEAT+3662	proteomics_heat	1949500	1949565	+	1	2	R.HFNCEVGN TTYALPKPEV VLR.W	26
PHEAT+3663	proteomics_heat	1949971	1950015	+	1	2	K.VPVHAVLTATNPLIR.F	19
PHEAT+3664	proteomics_heat	1950828	1950881	+	3	10	R.SVPGYSNIISMIGLAER.F	22
PHEAT+3665	proteomics_heat	1950882	1950950	+	3	3	R.FVQPGTQVYDLGCSLGAATLSVR.R	27
PHEAT+3666	proteomics_heat	1951173	1951220	+	3	3	K.IYQGLNPGGALVLSEK.F	20
PHEAT+3667	proteomics_heat	1951242	1951280	+	3	2	K.VGELLFNMHDFK.R	17
PHEAT+3668	proteomics_heat	1951634	1951699	+	2	3	R.LDLLHSVTAESEEPSAGQIKR.I	26
PHEAT+3669	proteomics_heat	1951736	1951783	+	2	2	R.KGPFSLYGVNIDTEWR.S	20
PHEAT+3670	proteomics_heat	1951985	1952029	+	2	2	R.AHLLPLGIEQLPALK.A	19
PHEAT+3671	proteomics_heat	1958122	1958172	+	1	5	R.QAMIAAGAPADCEPQVR.Q	21
PHEAT+3672	proteomics_heat	1958185	1958232	+	1	2	K.VQFGDYQANGMMAVAK.K	20
PHEAT+3673	proteomics_heat	1958254	1958307	+	1	5	R.QLAEQVLTHLDLNGIASK.V	22
PHEAT+3674	proteomics_heat	1958308	1958397	+	1	36	K.VEIAGPGFINIFLDP AFLAEHVQQALASDR.L	34
PHEAT+3675	proteomics_heat	1958422	1958463	+	1	2	K.QTIVVDYSAPNVAK.E	18
PHEAT+3676	proteomics_heat	1958677	1958712	+	1	3	K.KHYDEDEEFAER.A	16
PHEAT+3677	proteomics_heat	1958773	1958820	+	1	7	R.KLVDITMTQNQITYDR.L	20
PHEAT+3678	proteomics_heat	1958776	1958820	+	1	2	K.LVDITMTQNQITYDR.L	19
PHEAT+3679	proteomics_heat	1958842	1958904	+	1	8	R.DDVMGESLYNPMPLPGIVADLK.A	25
PHEAT+3680	proteomics_heat	1958911	1958964	+	1	2	K.GLAVESEGATVVFLDEFK.N	22
PHEAT+3681	proteomics_heat	1958965	1959003	+	1	4	K.NKEGEPMGVIIQK.K	17
PHEAT+3682	proteomics_heat	1958971	1959003	+	1	2	K.EGEPMGVIIQK.K	15

PHEAT+3683	proteomics_heat	1959004	1959051	+	1	2	K.KDGGYLYTTTTDIACAK.Y	20
PHEAT+3684	proteomics_heat	1959007	1959051	+	1	8	K.DGGYLYTTTTDIACAK.Y	19
PHEAT+3685	proteomics_heat	1959145	1959210	+	1	2	R.KAGYVPESVPLEHHMFGMMLGK.D	26
PHEAT+3686	proteomics_heat	1959292	1959342	+	1	5	R.RLVAEKNPDMPEDELEK.L	21
PHEAT+3687	proteomics_heat	1959343	1959375	+	1	3	K.LANAVGIGAVK.Y	15
PHEAT+3688	proteomics_heat	1959502	1959552	+	1	3	R.KAEIDEEQLAAAPVIIR.E	21
PHEAT+3689	proteomics_heat	1959505	1959552	+	1	2	K.AEIDEEQLAAAPVIIR.E	20
PHEAT+3690	proteomics_heat	1959652	1959729	+	1	2	Y.LYDLAGLFSGFYEHCPILSAENEEVR.N	30
PHEAT+3691	proteomics_heat	1961498	1961545	+	2	3	R.SSVSFGISWATRSNSC.C	20
PHEAT+3692	proteomics_heat	1977951	1977989	+	3	2	R.SVMHEETQSFLDK.L	17
PHEAT+3693	proteomics_heat	1982177	1982257	+	2	18	C.VPPNMPFINSLRPAPTRPNSPTISPLR.T	31
PHEAT+3694	proteomics_heat	1986875	1986907	+	2	5	R.HAQEEMTHMQR.L	15
PHEAT+3695	proteomics_heat	1986908	1986946	+	2	7	R.LFDYLTDTGNLPR.I	17
PHEAT+3696	proteomics_heat	1986947	1987039	+	2	21	R.INTVESPFAEYSSLDLDFQETYKHEQLITQK.I	35
PHEAT+3697	proteomics_heat	1986947	1987015	+	2	4	R.INTVESPFAEYSSLDLDFQETYK.H	27
PHEAT+3698	proteomics_heat	1987058	1987135	+	2	2	H.AAMTNQDYPTFNFLQWYVSEQHEEEK.L	30
PHEAT+3699	proteomics_heat	1987145	1987177	+	2	2	K.SIIDKLSLAGK.S	15
PHEAT+3700	proteomics_heat	1987178	1987234	+	2	5	K.SGEGLYFIDKELSTLDTQN.-	23
PHEAT+3701	proteomics_heat	1987178	1987207	+	2	2	K.SGEGLYFIDK.E	14
PHEAT+3702	proteomics_heat	1993845	1993910	+	3	4	M.STPDFSTAENNQELANEVSLK.A	26
PHEAT+3703	proteomics_heat	1994330	1994374	+	2	5	S.GVITISSFKRIRAIR.L	19
PHEAT+3704	proteomics_heat	2004804	2004830	+	3	2	R.NHAVTEEIK.Y	13
PHEAT+3705	proteomics_heat	2005392	2005451	+	3	2	R.FAHGVQTLFFDHPNCIAFSR.S	24
PHEAT+3706	proteomics_heat	2005515	2005547	+	3	3	K.TIHLGENYGNK.T	15
PHEAT+3707	proteomics_heat	2007599	2007667	+	2	3	K.KGEILEVSDCPQSINNIPLDAR.N	27
PHEAT+3708	proteomics_heat	2007668	2007718	+	2	5	R.NHGYTVLDIQDQDPTIR.Y	21
PHEAT+3709	proteomics_heat	2011478	2011534	+	2	2	R.FSEASGAIIEVPADKVHEL.R.L	23
PHEAT+3710	proteomics_heat	2011928	2011951	+	2	2	R.DLNDAQLK.Y	12
PHEAT+3711	proteomics_heat	2012762	2012791	+	2	2	R.LSKDEQLQQR.R	14
PHEAT+3712	proteomics_heat	2013384	2013473	+	3	6	R.IATFGGVQPAALAEELTEVLNGLLDGQNLKR.S	34
PHEAT+3713	proteomics_heat	2013384	2013470	+	3	3	R.IATFGGVQPAALAEELTEVLNGLLDGQNLK.R	33
PHEAT+3714	proteomics_heat	2019208	2019300	+	1	2	K.SAAETVFQQFGGGDVSGTLQDIDLIMDIPVK.L	35
PHEAT+3715	proteomics_heat	2024150	2024230	+	2	9	K.RPTTLGLGDGPNDAPLLEVM DYAVIVK.G	31
PHEAT+3716	proteomics_heat	2032138	2032185	+	1	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT+3717	proteomics_heat	2032138	2032185	+	1	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT+3718	proteomics_heat	2032138	2032185	+	1	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT+3719	proteomics_heat	2032138	2032185	+	1	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT+3720	proteomics_heat	2032156	2032185	+	1	2	K.DGNKLDLYGK.V	14
PHEAT+3721	proteomics_heat	2032156	2032185	+	1	2	K.DGNKLDLYGK.V	14
PHEAT+3722	proteomics_heat	2032156	2032185	+	1	2	K.DGNKLDLYGK.V	14
PHEAT+3723	proteomics_heat	2032156	2032185	+	1	2	K.DGNKLDLYGK.V	14
PHEAT+3724	proteomics_heat	2033880	2033996	+	3	3	K.NPQVDIAEDNAFFPSEYSLSQYTPVSDLDGVDYPKPYR.G	43
PHEAT+3725	proteomics_heat	2033880	2033987	+	3	2	K.NPQVDIAEDNAFFPSEYSLSQYTPVSDLDGVDYPK.P	40
PHEAT+3726	proteomics_heat	2034060	2034119	+	3	2	K.LFSTGNHPIETLLPLYHLHA.A	24
PHEAT+3727	proteomics_heat	2034060	2034110	+	3	4	K.LFSTGNHPIETLLPLYH.L	21
PHEAT+3728	proteomics_heat	2034168	2034203	+	3	3	K.FEYWAMPHKDEK.V	16

PHEAT+3729	proteomics_heat	2034387	2034443	+	3	2	K.NDRFVISLCHGPA AFLALR.H	23
PHEAT+3730	proteomics_heat	2034396	2034443	+	3	7	R.FVISLCHGPA AFLALR.H	20
PHEAT+3731	proteomics_heat	2034444	2034503	+	3	5	R.HGDNPLNGYSICAFDAADK.Q	24
PHEAT+3732	proteomics_heat	2034570	2034608	+	3	2	K.MGMNIINDDITGR.V	17
PHEAT+3733	proteomics_heat	2034624	2034671	+	3	9	R.KLLTGDS PF AANALGK.L	20
PHEAT+3734	proteomics_heat	2034627	2034671	+	3	2	K.LLTGDS PF AANALGK.L	19
PHEAT+3735	proteomics_heat	2037049	2037132	+	1	2	A.AQQNILSVHILNQQTGKPAADVTVTLEK.K	32
PHEAT+3736	proteomics_heat	2037133	2037171	+	1	2	K.KADNGWLQLNTAK.T	17
PHEAT+3737	proteomics_heat	2037268	2037324	+	1	5	K.KQNLESFFPEIPVEFHINK.V	23
PHEAT+3738	proteomics_heat	2037325	2037384	+	1	5	K.VNEHYHVPLLSQYGSTYR.G	24
PHEAT+3739	proteomics_heat	2037847	2037900	+	1	2	K.ISGEVAKPLTLDHDDLTR.R	22
PHEAT+3740	proteomics_heat	2039492	2039515	+	2	3	K.PLTEVEQK.A	12
PHEAT+3741	proteomics_heat	2039516	2039557	+	2	20	K.AANGVFDDANVQNR.T	18
PHEAT+3742	proteomics_heat	2039531	2039557	+	2	2	V.FDDANVQNR.T	13
PHEAT+3743	proteomics_heat	2039558	2039638	+	2	7	R.TLSDWDGVWQSVYPLLQSGKLDPVFQK.K	31
PHEAT+3744	proteomics_heat	2039558	2039617	+	2	21	R.TLSDWDGVWQSVYPLLQSGK.L	24
PHEAT+3745	proteomics_heat	2039663	2039695	+	2	24	K.TFAEIKDYHYK.G	15
PHEAT+3746	proteomics_heat	2039696	2039755	+	2	76	K.GYATDIEMIGIEDGIVEFHR.N	24
PHEAT+3747	proteomics_heat	2039756	2039800	+	2	3	R.NNETTSCKYDYDGYK.I	19
PHEAT+3748	proteomics_heat	2039780	2039800	+	2	3	K.YDYDGYK.I	11
PHEAT+3749	proteomics_heat	2039837	2039869	+	2	9	R.YLFECKDPESK.A	15
PHEAT+3750	proteomics_heat	2039879	2039914	+	2	20	K.YIQFSDHIIAPR.K	16
PHEAT+3751	proteomics_heat	2041696	2041788	+	1	3	K.VQESAHQ TALPWQEALS IPLLTCLEQE QSK.L	35
PHEAT+3752	proteomics_heat	2042422	2042469	+	1	2	R.LHHANDTDSFSATNVH.-	20
PHEAT+3753	proteomics_heat	2053097	2053171	+	2	11	K.GSGLTPAQALDKLDALYEQSVVALR.N	29
PHEAT+3754	proteomics_heat	2053172	2053225	+	2	3	R.NAIGNYITSGELPDENAR.K	22
PHEAT+3755	proteomics_heat	2053226	2053294	+	2	4	R.KQGLFVYPSLTVTWGSTTNPPK.T	27
PHEAT+3756	proteomics_heat	2053517	2053615	+	2	3	R.YFPTTELAQIGDETADGIYHPTEFSPLSHFDAR.R	37
PHEAT+3757	proteomics_heat	2053616	2053639	+	2	2	R.RVDFSLAR.L	12
PHEAT+3758	proteomics_heat	2053646	2053708	+	2	2	R.HYTGTPVEHFQPFVLTNYTR.Y	25
PHEAT+3759	proteomics_heat	2053646	2053693	+	2	2	R.HYTGTPVEHFQPFVLF.T	20
PHEAT+3760	proteomics_heat	2053730	2053852	+	2	2	R.WGCSQILD PDSPIALSCAGGNWITAETAPEEAISDLAWK.K	45
PHEAT+3761	proteomics_heat	2053856	2053942	+	2	2	K.HQMPAWHLITADGQGITLVNIGVGPSNAK.T	33
PHEAT+3762	proteomics_heat	2053943	2054014	+	2	5	K.TICDHLAVLRPDVWLMIGHCGGLR.E	28
PHEAT+3763	proteomics_heat	2054015	2054062	+	2	4	R.ESQAIGDYVLAHAYLR.D	20
PHEAT+3764	proteomics_heat	2054063	2054131	+	2	6	R.DDHVLDVLPDIPISIAEVQR.A	27
PHEAT+3765	proteomics_heat	2054153	2054185	+	2	3	K.LVSGRPGEEVK.Q	15
PHEAT+3766	proteomics_heat	2054198	2054227	+	2	3	R.TGTVTTDDR.N	14
PHEAT+3767	proteomics_heat	2054198	2054242	+	2	2	R.TGTVTTDDRNWELR.Y	19
PHEAT+3768	proteomics_heat	2054330	2054392	+	2	2	R.FRVPYGTLLCVSDKPLHGEIK.L	25
PHEAT+3769	proteomics_heat	2054336	2054392	+	2	2	R.VPYGTLLCVSDKPLHGEIK.L	23
PHEAT+3770	proteomics_heat	2054414	2054458	+	2	5	R.FYEGAISEHLQIGIR.A	19
PHEAT+3771	proteomics_heat	2054987	2055025	+	2	3	K.QGEPDPELNTSLK.F	17
PHEAT+3772	proteomics_heat	2055098	2055130	+	2	3	K.GGGDETFVQGR.Y	15
PHEAT+3773	proteomics_heat	2055131	2055196	+	2	7	R.YEGFGPNGSMIIAETLTSNVNR.T	26
PHEAT+3774	proteomics_heat	2055359	2055418	+	2	2	R.DVTEEEGNIVIYTEPTDLHK.G	24

PHEAT+3775	proteomics_heat	2055572	2055595	+	2	4	K.VYHNVANL.-	12
PHEAT+3776	proteomics_heat	2069929	2069997	+	1	3	R.VNPGGSVSDTVISAGGGQSLQGR.A	27
PHEAT+3777	proteomics_heat	2070400	2070438	+	1	3	K.NGGVAGNTTVNQK.G	17
PHEAT+3778	proteomics_heat	2070445	2070489	+	1	2	R.LQVDAGGTATNVTLK.Q	19
PHEAT+3779	proteomics_heat	2070490	2070543	+	1	2	K.QGGALVTSTAATVTGINR.L	22
PHEAT+3780	proteomics_heat	2070607	2070645	+	1	4	R.LDVLTGHTATNTR.V	17
PHEAT+3781	proteomics_heat	2070646	2070675	+	1	3	R.VDDGGTLDVR.N	14
PHEAT+3782	proteomics_heat	2070988	2071044	+	1	3	R.EGDALLQGGSLTGNGSVEK.S	23
PHEAT+3783	proteomics_heat	2071093	2071164	+	1	2	K.AVNLNELTTLNDSTVTTDVIAQR.G	28
PHEAT+3784	proteomics_heat	2071474	2071533	+	1	2	K.TILNLVNAGNSASGLATSGK.G	24
PHEAT+3785	proteomics_heat	2080798	2080884	+	1	2	K.QQSTFLFHDYETFGTHPALDRPAQFAAIR.T	33
PHEAT+3786	proteomics_heat	2081005	2081040	+	1	2	R.AKGENEAAFAAR.I	16
PHEAT+3787	proteomics_heat	2081206	2081274	+	1	2	R.ACYALRPEGINWPENDDGLPSFR.L	27
PHEAT+3788	proteomics_heat	2081293	2081364	+	1	3	K.ANGIEHSNAHDAMADVATIAMAK.L	28
PHEAT+3789	proteomics_heat	2081500	2081547	+	1	3	R.GNTSWWAPLAWHPENR.N	20
PHEAT+3790	proteomics_heat	2088330	2088371	+	3	8	R.LIAMAENMPIDILR.V	18
PHEAT+3791	proteomics_heat	2088372	2088467	+	3	12	R.VRDDDIPGLVMDGVVDLGIIGENVLEEELNR.R	36
PHEAT+3792	proteomics_heat	2088396	2088467	+	3	5	G.LVMDGVVDLGIIGENVLEEELNR.R	28
PHEAT+3793	proteomics_heat	2088507	2088530	+	3	2	R.RLDFGGCR.L	12
PHEAT+3794	proteomics_heat	2088528	2088590	+	3	2	C.RLSLATPVDEAWDGPLSLNGK.R	25
PHEAT+3795	proteomics_heat	2088531	2088590	+	3	10	R.LSLATPVDEAWDGPLSLNGK.R	24
PHEAT+3796	proteomics_heat	2088657	2088695	+	3	6	K.SCLLNGSVEVAPR.A	17
PHEAT+3797	proteomics_heat	2088696	2088764	+	3	25	R.AGLADAICDLVSTGATLEANGLR.E	27
PHEAT+3798	proteomics_heat	2088696	2088785	+	3	7	R.AGLADAICDLVSTGATLEANGLREVEVIYR.S	34
PHEAT+3799	proteomics_heat	2088765	2088785	+	3	2	R.EVEVIYR.S	11
PHEAT+3800	proteomics_heat	2088765	2088785	+	3	2	R.EVEVIYR.S	11
PHEAT+3801	proteomics_heat	2088810	2088851	+	3	2	R.DGEMEESKQQLIDK.L	18
PHEAT+3802	proteomics_heat	2088897	2088926	+	3	3	K.YIMMHEADER.L	14
PHEAT+3803	proteomics_heat	2088927	2089001	+	3	9	R.LDEVIALLPGAERPTILPLAGDQQR.V	29
PHEAT+3804	proteomics_heat	2089002	2089055	+	3	3	R.VAMHMVSSETLFWETMEK.L	22
PHEAT+3805	proteomics_heat	2089062	2089103	+	3	4	K.ALGASSILVLPK.M	18
PHEAT+3806	proteomics_heat	2089124	2089174	+	2	6	M.SFNIIIDWNSCTAEQQR.Q	21
PHEAT+3807	proteomics_heat	2089175	2089222	+	2	5	R.QLLMRPAISASESITR.T	20
PHEAT+3808	proteomics_heat	2089223	2089252	+	2	2	R.TVNDILDNVK.A	14
PHEAT+3809	proteomics_heat	2089253	2089276	+	2	3	K.ARGDEALR.E	12
PHEAT+3810	proteomics_heat	2089292	2089321	+	2	6	K.FDKTTVTALK.V	14
PHEAT+3811	proteomics_heat	2089322	2089357	+	2	4	K.VSAEEIAAASER.L	16
PHEAT+3812	proteomics_heat	2089400	2089429	+	2	12	K.NIETFHTAQK.L	14
PHEAT+3813	proteomics_heat	2089430	2089468	+	2	8	K.LPPVDVETQPGVR.C	17
PHEAT+3814	proteomics_heat	2089727	2089774	+	2	10	K.VDKIFGPGNAFVTEAK.R	20
PHEAT+3815	proteomics_heat	2089736	2089774	+	2	3	K.IFGPGNAFVTEAK.R	17
PHEAT+3816	proteomics_heat	2089958	2089981	+	2	4	R.RVAEAVR.Q	12
PHEAT+3817	proteomics_heat	2090054	2090119	+	2	3	K.DLAQCVEISNQYGPEHLIIQTR.N	26
PHEAT+3818	proteomics_heat	2090312	2090365	+	2	10	K.EGFSALASTIETLAAAER.L	22
PHEAT+3819	proteomics_heat	2090399	2090422	+	2	2	R.VNALKEQA.-	12
PHEAT+3820	proteomics_heat	2090494	2090604	+	1	2	R.RLGGNGDVWLNANEYPTAVEFQLTQQTLNRYPECQPK.A	41

PHEAT+3821	proteomics_heat	2090497	2090604	+	1	3	R.LGGNGDVWLNANEYPTAVEFQLTQQTLNRYPECQPK.A	40
PHEAT+3822	proteomics_heat	2090605	2090667	+	1	6	K.AVIENYAQYAGVKPEQVLVSR.G	25
PHEAT+3823	proteomics_heat	2090722	2090796	+	1	3	K.DAILYCPPTYGMYSVSAETIGVECR.T	29
PHEAT+3824	proteomics_heat	2090797	2090865	+	1	3	R.TVPTLDNWQLDLQGISDKLDGVK.V	27
PHEAT+3825	proteomics_heat	2090797	2090850	+	1	5	R.TVPTLDNWQLDLQGISDK.L	22
PHEAT+3826	proteomics_heat	2090866	2090928	+	1	7	K.VVYVCSPPNPTGQLINPQDFR.T	25
PHEAT+3827	proteomics_heat	2091088	2091135	+	1	10	R.CGFTLANEEVINLLMK.V	20
PHEAT+3828	proteomics_heat	2091136	2091219	+	1	19	K.VIAPYPLSTPVADIAAQALSPQGIVAMR.E	32
PHEAT+3829	proteomics_heat	2091226	2091249	+	1	7	R.VAQIIAER.E	12
PHEAT+3830	proteomics_heat	2091250	2091273	+	1	4	R.EYLIAALK.E	12
PHEAT+3831	proteomics_heat	2091274	2091330	+	1	8	K.EIPCVEQVDFSETNYILAR.F	23
PHEAT+3832	proteomics_heat	2091358	2091387	+	1	5	K.SLWDQGIILR.D	14
PHEAT+3833	proteomics_heat	2091388	2091426	+	1	8	R.DQNKQPSLSGCLR.I	17
PHEAT+3834	proteomics_heat	2091504	2091578	+	3	3	K.YLFIDRDGTLISEPPSDFQVDRFDK.L	29
PHEAT+3835	proteomics_heat	2091522	2091569	+	3	8	R.DGTLISEPPSDFQVDR.F	20
PHEAT+3836	proteomics_heat	2091570	2091617	+	3	5	R.FDKLAFEPGVIPELLK.L	20
PHEAT+3837	proteomics_heat	2091579	2091617	+	3	3	K.LAFEPGVIPELLK.L	17
PHEAT+3838	proteomics_heat	2091831	2091857	+	3	3	R.YLAEQAMDR.A	13
PHEAT+3839	proteomics_heat	2091858	2091884	+	3	2	R.ANSYVIGDR.A	13
PHEAT+3840	proteomics_heat	2091885	2091932	+	3	4	R.ATDIQLAENMGITGLR.Y	20
PHEAT+3841	proteomics_heat	2091933	2091983	+	3	5	R.YDRETLNWPMIGEQLTR.R	21
PHEAT+3842	proteomics_heat	2091942	2091983	+	3	2	R.ETLWPMIGEQLTR.R	18
PHEAT+3843	proteomics_heat	2092071	2092136	+	3	16	K.INTGVGFFDHMLDQIATHGGFR.M	26
PHEAT+3844	proteomics_heat	2092155	2092223	+	3	10	K.GDLYIDDHHTVEDTGLALGEALK.I	27
PHEAT+3845	proteomics_heat	2092257	2092295	+	3	2	R.FGFVLPMDDECLAR.C	17
PHEAT+3846	proteomics_heat	2092296	2092337	+	3	3	R.CALDISGRPHLEYK.A	18
PHEAT+3847	proteomics_heat	2092359	2092400	+	3	4	R.VGDLSTEMIEHFFR.S	18
PHEAT+3848	proteomics_heat	2092401	2092439	+	3	3	R.SLSYTMGVTLHLK.T	17
PHEAT+3849	proteomics_heat	2092518	2092547	+	3	4	R.VEGDTPSSK.G	14
PHEAT+3850	proteomics_heat	2092559	2092609	+	2	7	V.MNVVILDTGCANLNSVK.S	21
PHEAT+3851	proteomics_heat	2092643	2092732	+	2	10	K.VSRDPDVLLADKFLPGVGTAAAMDQVR.E	34
PHEAT+3852	proteomics_heat	2092643	2092681	+	2	6	K.VSRDPDVLLADK.L	17
PHEAT+3853	proteomics_heat	2092652	2092681	+	2	2	R.DPDVLLADK.L	14
PHEAT+3854	proteomics_heat	2092652	2092732	+	2	3	R.DPDVLLADKFLPGVGTAAAMDQVR.E	31
PHEAT+3855	proteomics_heat	2092682	2092732	+	2	4	K.LFLPGVGTAAAMDQVR.E	21
PHEAT+3856	proteomics_heat	2092760	2092813	+	2	11	K.ACTQPVLGICLGMQLLGR.R	22
PHEAT+3857	proteomics_heat	2092814	2092873	+	2	3	R.RSEESNGVDLLGIIDEDVPK.M	24
PHEAT+3858	proteomics_heat	2092817	2092873	+	2	2	R.SSEESNGVDLLGIIDEDVPK.M	23
PHEAT+3859	proteomics_heat	2092874	2092918	+	2	5	K.MTDFGLPLPHMGWNR.V	19
PHEAT+3860	proteomics_heat	2092991	2093065	+	2	4	S.YAMPVNPWTIAQCNYGEPFTAQVQK.D	29
PHEAT+3861	proteomics_heat	2093066	2093101	+	2	3	K.DNFYGVQFHPER.S	16
PHEAT+3862	proteomics_heat	2093149	2093193	+	1	4	V.MIIPALDLIDGTVVR.L	19
PHEAT+3863	proteomics_heat	2093194	2093217	+	1	7	R.LHQGDYQK.Q	12
PHEAT+3864	proteomics_heat	2093224	2093250	+	1	4	R.DYGNDPLPR.L	13
PHEAT+3865	proteomics_heat	2093248	2093325	+	1	2	P.RLQDYAAQGAEVLHLVLDLTGAKDPAK.R	30
PHEAT+3866	proteomics_heat	2093251	2093328	+	1	3	R.LQDYAAQGAEVLHLVLDLTGAKDPAKR.Q	30

PHEAT+3867	proteomics_heat	2093251	2093325	+	1	2	R.LQDYAAQGAEVLHLVLDLTGAKDPAK.R	29
PHEAT+3868	proteomics_heat	2093251	2093313	+	1	2	R.LQDYAAQGAEVLHLVLDLTGAK.D	25
PHEAT+3869	proteomics_heat	2093347	2093397	+	1	3	K.TLVAGVNVVPVQVGGGVR.S	21
PHEAT+3870	proteomics_heat	2093398	2093442	+	1	2	R.SEEDVAALLEAGVAR.V	19
PHEAT+3871	proteomics_heat	2093563	2093646	+	1	8	K.QVAVSGWQENSGVSLEQLVETYLPVGLK.H	32
PHEAT+3872	proteomics_heat	2093647	2093673	+	1	6	K.HVLCTDISR.D	13
PHEAT+3873	proteomics_heat	2093674	2093727	+	1	6	R.DGTLAGSNVSLYEEVCAR.Y	22
PHEAT+3874	proteomics_heat	2093940	2093978	+	3	7	R.NHEIIGDIVPLAK.R	17
PHEAT+3875	proteomics_heat	2094072	2094119	+	3	5	R.VAEVIDIPFCVAGGIK.S	20
PHEAT+3876	proteomics_heat	2094165	2094212	+	3	5	K.ISINSPALADPTLITR.L	20
PHEAT+3877	proteomics_heat	2094285	2094320	+	3	7	K.YHVNQYTGDESR.T	16
PHEAT+3878	proteomics_heat	2094327	2094371	+	3	13	R.VTQWETLDWVQEVQK.R	19
PHEAT+3879	proteomics_heat	2094372	2094422	+	3	3	K.RGAGEIVLNMMNQDGVR.N	21
PHEAT+3880	proteomics_heat	2094375	2094422	+	3	3	R.GAGEIVLNMMNQDGVR.N	20
PHEAT+3881	proteomics_heat	2094423	2094452	+	3	3	R.NGYDLEQLKK.V	14
PHEAT+3882	proteomics_heat	2094459	2094530	+	3	8	R.EVCHVPLIASGGAGTMEHFLEAFR.D	28
PHEAT+3883	proteomics_heat	2094486	2094530	+	3	2	A.SGGAGTMEHFLEAFR.D	19
PHEAT+3884	proteomics_heat	2094576	2094602	+	3	2	K.QIINIGELK.A	13
PHEAT+3885	proteomics_heat	2094603	2094635	+	3	2	K.AYLATQGVDIR.I	15
PHEAT+3886	proteomics_heat	2094680	2094769	+	2	5	K.TDGLMPVIVQHAVSGEVLMLGYMNPALDK.T	34
PHEAT+3887	proteomics_heat	2094830	2094934	+	2	5	K.GETSGNFLNVVSIAPDCDNDTLVLANPIGPTCHK.G	39
PHEAT+3888	proteomics_heat	2095013	2095048	+	2	4	R.KSADPETSYAK.L	16
PHEAT+3889	proteomics_heat	2095016	2095048	+	2	5	K.SADPETSYAK.L	15
PHEAT+3890	proteomics_heat	2095085	2095135	+	2	7	K.VGEEGVETALAATVHDR.F	21
PHEAT+3891	proteomics_heat	2113012	2113059	+	1	11	H.EIVTTVNSDCRVINAR.F	20
PHEAT+3892	proteomics_heat	2136853	2136900	+	1	2	R.HDIEHIDLNAPEEEIR.Q	20
PHEAT+3893	proteomics_heat	2136931	2137011	+	1	17	R.LVVTDGDDAEDLLGVVHVIDLLQQSLR.G	31
PHEAT+3894	proteomics_heat	2146256	2146324	+	2	2	R.DVVFQYEPVAAGLDYEATLQEEK.R	27
PHEAT+3895	proteomics_heat	2152205	2152261	+	2	2	R.SGPLAPVQAATAVEQAVPR.Y	23
PHEAT+3896	proteomics_heat	2153087	2153122	+	2	2	K.HLVTPGIQDSQK.V	16
PHEAT+3897	proteomics_heat	2153201	2153245	+	2	2	K.VEVVEAQSATTPEEK.A	19
PHEAT+3898	proteomics_heat	2153272	2153382	+	1	2	R.RSTLLMQVLPSPSTGGPSRFLFIMRPVATLLMVAILL.A	41
PHEAT+3899	proteomics_heat	2162588	2162644	+	2	2	R.LLGLIEGADDYICKPYSR.E	23
PHEAT+3900	proteomics_heat	2162696	2162746	+	2	3	R.ELQQQDAESPLIIDEGR.F	21
PHEAT+3901	proteomics_heat	2163426	2163482	+	3	4	K.AANHQIIGSSQMYATAQSR.E	23
PHEAT+3902	proteomics_heat	2163692	2163733	+	2	3	I.MFKPELLSPAGTLK.N	18
PHEAT+3903	proteomics_heat	2163743	2163790	+	2	4	R.YAFAYGADAVYAGQPR.Y	20
PHEAT+3904	proteomics_heat	2163809	2163871	+	2	8	R.NNEFNHENLQLGINEAHALGK.K	25
PHEAT+3905	proteomics_heat	2163875	2163913	+	2	5	K.FYVVVNIAPHNAK.L	17
PHEAT+3906	proteomics_heat	2163932	2164006	+	2	9	R.DLKPVVEMGPDALIMSDPGLIMLVR.E	29
PHEAT+3907	proteomics_heat	2164007	2164075	+	2	4	R.EHFPEMPIHLSVQANAVNWATVK.F	27
PHEAT+3908	proteomics_heat	2164247	2164285	+	2	8	K.RDPNQGTCTNACR.W	17
PHEAT+3909	proteomics_heat	2164250	2164285	+	2	5	R.DPNQGTCTNACR.W	16
PHEAT+3910	proteomics_heat	2164286	2164342	+	2	2	R.WEYNVQEGKEDDVGNIVHK.Y	23
PHEAT+3911	proteomics_heat	2164610	2164687	+	2	2	R.KAIDDAAGKPFDTSLLETLEGLAHR.G	30
PHEAT+3912	proteomics_heat	2164613	2164687	+	2	4	K.AIDDAAGKPFDTSLLETLEGLAHR.G	29

PHEAT+3913	proteomics_heat	2164715	2164768	+	2	4	R.HTHDDYQNYEYGYVSDR.Q	22
PHEAT+3914	proteomics_heat	2164802	2164831	+	2	5	R.KGDLAAVAVK.N	14
PHEAT+3915	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3916	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3917	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3918	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3919	proteomics_heat	2168335	2168391	+	1	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT+3920	proteomics_heat	2178465	2178524	+	3	2	R.DGKPVAELENGVTNGAAMR.V	24
PHEAT+3921	proteomics_heat	2179080	2179100	+	3	2	A.TALAKYR.Q	11
PHEAT+3922	proteomics_heat	2192448	2192507	+	3	4	R.GHEVNFICADDAHGTPIMLK.A	24
PHEAT+3923	proteomics_heat	2192691	2192720	+	3	3	R.TISQLYDPEK.G	14
PHEAT+3924	proteomics_heat	2192691	2192741	+	3	2	R.TISQLYDPEKGMFLPDR.F	21
PHEAT+3925	proteomics_heat	2192772	2192846	+	3	3	K.SPDQYGDNCEVCGATYSPTELIEPK.S	29
PHEAT+3926	proteomics_heat	2192847	2192879	+	3	3	K.SVVGATPVMR.D	15
PHEAT+3927	proteomics_heat	2192943	2192975	+	3	7	R.SGALQEQVANK.M	15
PHEAT+3928	proteomics_heat	2192976	2193023	+	3	15	K.MQEFWESGLQQWDISR.D	20
PHEAT+3929	proteomics_heat	2193024	2193068	+	3	7	R.DAPYFGFEIPNAPGK.Y	19
PHEAT+3930	proteomics_heat	2193069	2193119	+	3	5	K.YFYVWLDAPIGYMGSK.N	21
PHEAT+3931	proteomics_heat	2193135	2193170	+	3	6	K.RGDSVSFDEYWK.K	16
PHEAT+3932	proteomics_heat	2193171	2193209	+	3	10	K.KDSTAELYHFIGK.D	17
PHEAT+3933	proteomics_heat	2193174	2193209	+	3	3	K.DSTAELYHFIGK.D	16
PHEAT+3934	proteomics_heat	2193225	2193269	+	3	2	F.HSLFWPAMLEGSNFR.K	19
PHEAT+3935	proteomics_heat	2193351	2193392	+	3	4	K.ASTWLNHFADSLR.Y	18
PHEAT+3936	proteomics_heat	2193423	2193464	+	3	5	R.IDDIDLNLEDFVQR.V	18
PHEAT+3937	proteomics_heat	2193465	2193488	+	3	7	R.VNADIVNK.V	12
PHEAT+3938	proteomics_heat	2193510	2193530	+	3	2	R.NAGFINK.R	11
PHEAT+3939	proteomics_heat	2193531	2193581	+	3	7	K.RFDGVLASELADPQLYK.T	21
PHEAT+3940	proteomics_heat	2193534	2193581	+	3	3	R.FDGVLASELADPQLYK.T	20
PHEAT+3941	proteomics_heat	2193582	2193629	+	3	13	K.TFTDAAEVIGEAWESR.E	20
PHEAT+3942	proteomics_heat	2193651	2193683	+	3	2	R.EIMALADLANR.Y	15
PHEAT+3943	proteomics_heat	2193684	2193719	+	3	2	R.YVDEQAPWVVAK.Q	16
PHEAT+3944	proteomics_heat	2193732	2193779	+	3	3	R.DADLQAICSMGINLFR.V	20
PHEAT+3945	proteomics_heat	2193780	2193815	+	3	3	R.VLMTYLKPVLPK.L	16
PHEAT+3946	proteomics_heat	2193828	2193893	+	3	10	R.AEAFNLNTELTWDGIQQPLLGHK.V	26
PHEAT+3947	proteomics_heat	2193936	2193977	+	3	6	R.QVEALVEASKEEVK.A	18
PHEAT+3948	proteomics_heat	2193978	2194055	+	3	10	K.AAAAPVTGPLADDPIQETITFDDFAK.V	30
PHEAT+3949	proteomics_heat	2194068	2194112	+	3	6	R.VALIENAEFVEGSDK.L	19
PHEAT+3950	proteomics_heat	2194209	2194241	+	3	8	R.HTIMVANLAPR.K	15
PHEAT+3951	proteomics_heat	2194251	2194298	+	3	3	R.FGISEGMVMAAGPGGK.D	20
PHEAT+3952	proteomics_heat	2194299	2194352	+	3	5	K.DIFLLSPDAGAKPGHQVK.-	22
PHEAT+3953	proteomics_heat	2194299	2194334	+	3	2	K.DIFLLSPDAGAK.P	16
PHEAT+3954	proteomics_heat	2204845	2204916	+	1	3	K.DVTCELERTAISLPAELTLNRFPT.D	28
PHEAT+3955	proteomics_heat	2214433	2214513	+	1	4	R.QPENQRHKQSNEPEQRIQAHLHTLTPP.P	31
PHEAT+3956	proteomics_heat	2220261	2220299	+	3	5	R.LVGSSHLLTDPK.T	17
PHEAT+3957	proteomics_heat	2220327	2220386	+	3	11	R.SGQGDALAVVFPGLLELWR.V	24
PHEAT+3958	proteomics_heat	2220516	2220593	+	3	2	R.LDKLHVLGKGEQVLAYPGTTLYSLEK.A	30

PHEAT+3959	proteomics_heat	2220543	2220593	+	3	3	K.GEQVLAYPGTTLYSLEK.A	21
PHEAT+3960	proteomics_heat	2220759	2220821	+	3	3	K.LTLVNHGLGIDLGETPEQILSK.L	25
PHEAT+3961	proteomics_heat	2220900	2220932	+	3	3	R.VRDIEADTPAR.Y	15
PHEAT+3962	proteomics_heat	2220906	2220932	+	3	6	R.DIEADTPAR.Y	13
PHEAT+3963	proteomics_heat	2220933	2220983	+	3	4	R.YNADPDRLFESSGCAGK.L	21
PHEAT+3964	proteomics_heat	2221029	2221088	+	3	2	K.NQQVFYIGTNQPEVLTEIRR.H	24
PHEAT+3965	proteomics_heat	2221089	2221142	+	3	5	R.HILANFENLPVAGEYMHR.D	22
PHEAT+3966	proteomics_heat	2221392	2221421	+	3	2	K.MAGDGVGEAK.S	14
PHEAT+3967	proteomics_heat	2221446	2221493	+	3	2	K.QAEGDFFVCTPEEGSK.A	20
PHEAT+3968	proteomics_heat	2221596	2221658	+	3	3	R.RNDTEWYEHLPEIDSQVLVHK.L	25
PHEAT+3969	proteomics_heat	2221836	2221886	+	3	4	K.FYRENDPTNSMNPBGIGK.T	21
PHEAT+3970	proteomics_heat	2221845	2221886	+	3	6	R.ENDPTNSMNPBGIGK.T	18
PHEAT+3971	proteomics_heat	2229878	2229991	+	2	6	R.FQTAFACLADNLQSALEPILADKYFPALLTGEQVSSLK.S	42
PHEAT+3972	proteomics_heat	2229878	2229946	+	2	6	R.FQTAFACLADNLQSALEPILADK.Y	27
PHEAT+3973	proteomics_heat	2229947	2229991	+	2	2	K.YFPALLTGEQVSSLK.S	19
PHEAT+3974	proteomics_heat	2229992	2230060	+	2	5	K.SATGLDEDALAFALLPLAAACAR.T	27
PHEAT+3975	proteomics_heat	2230385	2230468	+	2	3	K.TLLMDEQDHGYALTGDALSQAIAAANR.S	32
PHEAT+3976	proteomics_heat	2230490	2230519	+	2	2	K.SPSGVALECK.D	14
PHEAT+3977	proteomics_heat	2230529	2230615	+	2	3	R.IFSGSYAENAAFNPPLPPLQGALILLNLK.G	33
PHEAT+3978	proteomics_heat	2230709	2230735	+	2	2	K.ALGCHSIDR.V	13
PHEAT+3979	proteomics_heat	2231212	2231271	+	1	3	K.DLIAAGVDPSPDIVLDYAGFR.T	24
PHEAT+3980	proteomics_heat	2241932	2241955	+	2	2	R.MEMLEEHR.C	12
PHEAT+3981	proteomics_heat	2242046	2242117	+	2	5	R.DHTPPPVLVWLSGLTCNDENFTTK.A	28
PHEAT+3982	proteomics_heat	2242193	2242279	+	2	2	K.VANDDGYDLGQGAGFYLNATQPPWATHYR.M	33
PHEAT+3983	proteomics_heat	2242280	2242345	+	2	3	R.MYDYLRDELPAVQSQFNVS DR.C	26
PHEAT+3984	proteomics_heat	2242298	2242345	+	2	2	R.DELPALVQSQFNVS DR.C	20
PHEAT+3985	proteomics_heat	2242415	2242477	+	2	2	K.YTSVSAFAPIVNPCSVPWGIK.A	25
PHEAT+3986	proteomics_heat	2242679	2242741	+	2	4	R.IQPGYDHSYFIASFIEDHLR.F	25
PHEAT+3987	proteomics_heat	2244039	2244071	+	3	5	S.KIVILIRCPGK.F	15
PHEAT+3988	proteomics_heat	2248868	2248921	+	2	4	K.YIGAHVSAAGGLANAIR.A	22
PHEAT+3989	proteomics_heat	2249036	2249119	+	2	5	K.YHYTSAQILPHDSYLINLGHVPTEALEK.S	32
PHEAT+3990	proteomics_heat	2249270	2249332	+	2	2	K.TQGVTAVENTAGQGSNLGFK.F	25
PHEAT+3991	proteomics_heat	2249333	2249374	+	2	2	K.FEHLAAIIDGVEDK.S	18
PHEAT+3992	proteomics_heat	2249501	2249524	+	2	2	R.GMHLNDAK.S	12
PHEAT+3993	proteomics_heat	2263499	2263525	+	2	4	K.GMVLNNGK.L	13
PHEAT+3994	proteomics_heat	2263541	2263570	+	2	7	K.DIDIQSPTAR.G	14
PHEAT+3995	proteomics_heat	2263613	2263636	+	2	6	R.TGLKVEER.F	12
PHEAT+3996	proteomics_heat	2263637	2263678	+	2	9	R.FKGDDIVDTVTLTR.R	18
PHEAT+3997	proteomics_heat	2263928	2263996	+	2	13	R.NKPATLSTGLVIQVPEYLSPEK.I	27
PHEAT+3998	proteomics_heat	2265896	2265943	+	2	2	K.TTSILHLLAHKDPNEK.W	20
PHEAT+3999	proteomics_heat	2266148	2266201	+	2	2	K.QILDLLTAPVYEPWIDL.R	22
PHEAT+4000	proteomics_heat	2266271	2266309	+	2	2	R.DQLAAADIIIVANK.S	17
PHEAT+4001	proteomics_heat	2275252	2275296	+	1	2	R.AGETLGLVGESGSGK.S	19
PHEAT+4002	proteomics_heat	2278831	2278857	+	1	2	K.ELVAQNHAHAK.Y	13
PHEAT+4003	proteomics_heat	2280539	2280565	+	2	8	E.MFTINAEVR.K	13
PHEAT+4004	proteomics_heat	2280539	2280568	+	2	2	E.MFTINAEVRK.E	14

PHEAT+4005	proteomics_heat	2280602	2280640	+	2	47	R.AANKFPAIYYGGK.E	17
PHEAT+4006	proteomics_heat	2280614	2280640	+	2	3	K.FPAIYYGGK.E	13
PHEAT+4007	proteomics_heat	2280641	2280697	+	2	7	K.EAPLAIELDHDKVMNMQAK.A	23
PHEAT+4008	proteomics_heat	2280641	2280676	+	2	12	K.EAPLAIELDHDK.V	16
PHEAT+4009	proteomics_heat	2280695	2280742	+	2	8	A.KAEFYSEVLTIVVDGK.E	20
PHEAT+4010	proteomics_heat	2280698	2280742	+	2	105	K.AEFYSEVLTIVVDGK.E	19
PHEAT+4011	proteomics_heat	2280752	2280775	+	2	7	K.VKAQDVQR.H	12
PHEAT+4012	proteomics_heat	2280794	2280820	+	2	4	K.LQHIDFVRA.-	13
PHEAT+4013	proteomics_heat	2280794	2280817	+	2	7	K.LQHIDFVR.A	12
PHEAT+4014	proteomics_heat	2282169	2282225	+	3	3	R.YSDEQVEQLLAELLNPLEK.H	23
PHEAT+4015	proteomics_heat	2282226	2282312	+	3	6	K.HKAPTDLSLMVLGNMVTNLINTSIAPAQR.Q	33
PHEAT+4016	proteomics_heat	2282232	2282312	+	3	7	K.APTDLSLMVLGNMVTNLINTSIAPAQR.Q	31
PHEAT+4017	proteomics_heat	2282340	2282375	+	3	10	R.ALQSSINEDKAH.-	16
PHEAT+4018	proteomics_heat	2283058	2283090	+	1	3	K.HGLLDAQEYQR.R	15
PHEAT+4019	proteomics_heat	2283850	2283900	+	1	2	R.INALTDHTDMLTTLMQR.L	21
PHEAT+4020	proteomics_heat	2288525	2288578	+	2	4	M.PEATPFQVMIVDDHPLMR.R	22
PHEAT+4021	proteomics_heat	2288591	2288671	+	2	2	R.QLLELDPGSEVVAEAGDGASAILANR.L	31
PHEAT+4022	proteomics_heat	2306953	2306979	+	1	2	I.RFVIFLMQR.Q	13
PHEAT+4023	proteomics_heat	2312056	2312097	+	1	4	R.RAEMLQQANALDER.E	18
PHEAT+4024	proteomics_heat	2312257	2312301	+	1	2	R.LEPDATATGNNDNEK.E	19
PHEAT+4025	proteomics_heat	2312518	2312562	+	1	2	R.STENVPSTAVNNELR.I	19
PHEAT+4026	proteomics_heat	2312572	2312640	+	1	6	R.AINEEIVSLLPLGLLVHDQESNR.T	27
PHEAT+4027	proteomics_heat	2312911	2312967	+	1	4	K.NIGDALKEPAQSLAESAAK.L	23
PHEAT+4028	proteomics_heat	2313022	2313072	+	1	2	R.LVDEIQLANMLADDSWK.S	21
PHEAT+4029	proteomics_heat	2313073	2313144	+	1	10	K.SETVLFVSVQDLIDEVVPVLPVPAIK.R	28
PHEAT+4030	proteomics_heat	2313073	2313147	+	1	2	K.SETVLFVSVQDLIDEVVPVLPVPAIKR.K	29
PHEAT+4031	proteomics_heat	2313424	2313465	+	1	3	K.ADPLAFWLSQDLAR.K	18
PHEAT+4032	proteomics_heat	2313688	2313783	+	1	4	R.LISQDYDIFLTDNPSNLTAGLLSDDDESQV.R	36
PHEAT+4033	proteomics_heat	2314199	2314258	+	2	9	Y.MNNMNVIIADDHPIVLFGR.K	24
PHEAT+4034	proteomics_heat	2314259	2314339	+	2	3	R.KSLEQIEWVNVVGEFEDSTALINNLPK.L	31
PHEAT+4035	proteomics_heat	2314262	2314339	+	2	11	K.SLEQIEWVNVVGEFEDSTALINNLPK.L	30
PHEAT+4036	proteomics_heat	2314340	2314414	+	2	7	K.LDAHVLITDLSMPGDKYGDGITLIK.Y	29
PHEAT+4037	proteomics_heat	2314619	2314648	+	2	6	K.ISAGGYGDKR.L	14
PHEAT+4038	proteomics_heat	2314775	2314846	+	2	15	K.LGVENDIALLNYLSSVTLSPADKD.-	28
PHEAT+4039	proteomics_heat	2337604	2337645	+	1	7	K.SPVNHNVDHEEIAK.F	18
PHEAT+4040	proteomics_heat	2337667	2337705	+	1	5	R.WWDLEGEFKPLHR.I	17
PHEAT+4041	proteomics_heat	2337766	2337816	+	1	2	K.VLDVCGGGILAESMAR.E	21
PHEAT+4042	proteomics_heat	2337817	2337873	+	1	4	R.EGATVTGLDMGFELQVAK.L	23
PHEAT+4043	proteomics_heat	2337874	2337942	+	1	14	K.LHALESIGVQVYVQETVEEHAAK.H	27
PHEAT+4044	proteomics_heat	2337943	2338017	+	1	8	K.HAGQYDVVTCMEMLEHVDPQSVVR.A	29
PHEAT+4045	proteomics_heat	2338018	2338074	+	1	3	R.ACAQLVKPGGDVFFSTLNR.N	23
PHEAT+4046	proteomics_heat	2338159	2338209	+	1	3	K.FIKPAELLGWVDQTSK.E	21
PHEAT+4047	proteomics_heat	2338261	2338308	+	1	2	K.LPGVDVNYMLHTQNK.-	20
PHEAT+4048	proteomics_heat	2342959	2343018	+	1	2	R.VLDWAAEGLHNVSISQVELR.S	24
PHEAT+4049	proteomics_heat	2343019	2343048	+	1	11	R.SHIQFYDGIK.T	14
PHEAT+4050	proteomics_heat	2343049	2343078	+	1	6	K.TSDIHETIIK.A	14

PHEAT+4051	proteomics_heat	2343103	2343135	+	1	6	R.DAPDYQYLAAR.L	15
PHEAT+4052	proteomics_heat	2343160	2343210	+	1	3	K.KAYGQFEPALYDHVVK.M	21
PHEAT+4053	proteomics_heat	2343163	2343210	+	1	4	K.AYGQFEPALYDHVVK.M	20
PHEAT+4054	proteomics_heat	2343229	2343273	+	1	6	K.YDNHLLLEDYTEEEFK.Q	19
PHEAT+4055	proteomics_heat	2343472	2343498	+	1	2	R.FYDAVSTFK.I	13
PHEAT+4056	proteomics_heat	2343694	2343735	+	1	11	R.GGEAFHTGCIPFYK.H	18
PHEAT+4057	proteomics_heat	2343880	2343909	+	1	6	R.HMDYGVQINK.L	14
PHEAT+4058	proteomics_heat	2343925	2344017	+	1	17	R.LLKGEDITLFSPSDVPGLYDAFFADQEEFER.L	35
PHEAT+4059	proteomics_heat	2343934	2344017	+	1	6	K.GEDITLFSPSDVPGLYDAFFADQEEFER.L	32
PHEAT+4060	proteomics_heat	2344030	2344056	+	1	2	K.YEKDDSIK.R	13
PHEAT+4061	proteomics_heat	2344120	2344188	+	1	4	R.IYIQNVHDHCNTHSPFDPAIAPVR.Q	27
PHEAT+4062	proteomics_heat	2344348	2344398	+	1	5	R.ALDALLDYQDYPIPAK.R	21
PHEAT+4063	proteomics_heat	2344477	2344512	+	1	10	R.YSDGSANLTHK.T	16
PHEAT+4064	proteomics_heat	2344567	2344611	+	1	2	K.EQGACPWNETTYAK.G	19
PHEAT+4065	proteomics_heat	2344642	2344695	+	1	4	K.DLDTIANEPLHYDWEALR.E	22
PHEAT+4066	proteomics_heat	2344723	2344803	+	1	3	R.NSTLSALMPSETSSQISNATNGIEPPR.G	31
PHEAT+4067	proteomics_heat	2344948	2344995	+	1	7	K.FIDQISISANTNYDPSR.F	20
PHEAT+4068	proteomics_heat	2345092	2345166	+	1	2	R.DGAEDAQDDLVPISIQDDGCESGACK.I	29
PHEAT+4069	proteomics_heat	2345092	2345169	+	1	6	R.DGAEDAQDDLVPISIQDDGCESGACKI.-	30
PHEAT+4070	proteomics_heat	2345436	2345489	+	3	4	K.NDQLKEPMFFGQPVNVAR.Y	22
PHEAT+4071	proteomics_heat	2345490	2345522	+	3	4	R.YDQQKYDIFEK.L	15
PHEAT+4072	proteomics_heat	2345535	2345579	+	3	3	K.QLSFFWRPEEVDVSR.D	19
PHEAT+4073	proteomics_heat	2345580	2345618	+	3	3	R.DRIDYQALPEHEK.H	17
PHEAT+4074	proteomics_heat	2345586	2345618	+	3	4	R.IDYQALPEHEK.H	15
PHEAT+4075	proteomics_heat	2345643	2345675	+	3	2	K.YQTLSDSIQGR.S	15
PHEAT+4076	proteomics_heat	2345790	2345852	+	3	3	R.NIVNDPSVVFDDIVTNEQIQK.R	25
PHEAT+4077	proteomics_heat	2346117	2346167	+	3	6	R.DEALHLTGTQHMLNLLR.S	21
PHEAT+4078	proteomics_heat	2346168	2346215	+	3	2	R.SGADDPMAEIAEECK.Q	20
PHEAT+4079	proteomics_heat	2346285	2346311	+	3	8	R.DGSMIGLNK.D	13
PHEAT+4080	proteomics_heat	2346312	2346353	+	3	14	K.DILCQYVEYITNIR.M	18
PHEAT+4081	proteomics_heat	2346354	2346392	+	3	2	R.MQAVGLDLPFQTR.S	17
PHEAT+4082	proteomics_heat	2356490	2356534	+	2	6	C.HTGPDTTLTVGRIAR.G	19
PHEAT+4083	proteomics_heat	2379870	2379923	+	3	2	R.SMSGIIQPLTIYGPGIR.E	22
PHEAT+4084	proteomics_heat	2379948	2380028	+	3	4	R.ISGSWTDYPLEIVEIGAGEILDDGLRK.V	31
PHEAT+4085	proteomics_heat	2379948	2380025	+	3	2	R.ISGSWTDYPLEIVEIGAGEILDDGLR.K	30
PHEAT+4086	proteomics_heat	2380077	2380124	+	3	2	R.IEEHDKPGALNAQALK.A	20
PHEAT+4087	proteomics_heat	2380245	2380301	+	3	2	K.ALAIFGDTGPCDAALDLAK.G	23
PHEAT+4088	proteomics_heat	2405601	2405636	+	3	2	K.SSKLENVCYDIR.G	16
PHEAT+4089	proteomics_heat	2405694	2405762	+	3	5	K.LNIGNPAPFGFDAPDEILVDVIR.N	27
PHEAT+4090	proteomics_heat	2406093	2406143	+	3	2	R.GIVIIINPNNPTGAVYSK.E	21
PHEAT+4091	proteomics_heat	2406219	2406302	+	3	3	K.ILYDDAEHHSIAPLAPDLLTITFNGLSK.T	32
PHEAT+4092	proteomics_heat	2406519	2406569	+	3	2	R.AWELINDIPGVSCVKPR.G	21
PHEAT+4093	proteomics_heat	2407064	2407132	+	2	3	R.IALLAMYHDASEVLTGDLPTPVK.Y	27
PHEAT+4094	proteomics_heat	2407193	2407273	+	2	2	K.LVDMVPEELRDIFAPLIDEHAYSDEEK.S	31
PHEAT+4095	proteomics_heat	2411504	2411542	+	2	3	K.LVLVLNCGSSSLK.F	17
PHEAT+4096	proteomics_heat	2411543	2411620	+	2	37	K.FAIIDAVNGEYLSGLAECFHLPEAR.I	30

PHEAT+4097	proteomics_heat	2411648	2411764	+	2	3	K.QEAALGAGAAHSEALNFIVNTILAQKPELSAQLTAIGHR.I	43
PHEAT+4098	proteomics_heat	2411786	2411833	+	2	3	K.YTSSVVIDESVIQGIK.D	20
PHEAT+4099	proteomics_heat	2411834	2411899	+	2	3	K.DAASFAPLHNPAHLIGIEEALK.S	26
PHEAT+4100	proteomics_heat	2411924	2412007	+	2	2	K.NVAVFDTAFHQTMPEESYLYALPYNLYK.E	32
PHEAT+4101	proteomics_heat	2412026	2412076	+	2	3	R.YGAHGTSHFYVTQEAAK.M	21
PHEAT+4102	proteomics_heat	2412077	2412154	+	2	19	K.MLNKPVEELNIITCHLGNNGSVSAIR.N	30
PHEAT+4103	proteomics_heat	2412101	2412154	+	2	13	E.LNIITCHLGNNGSVSAIR.N	22
PHEAT+4104	proteomics_heat	2412134	2412220	+	2	2	G.GSVSAIRNGKCVDTSMGLTPLEGLVMGTR.S	33
PHEAT+4105	proteomics_heat	2412164	2412220	+	2	3	K.CVDTSMGLTPLEGLVMGTR.S	23
PHEAT+4106	proteomics_heat	2412221	2412295	+	2	2	R.SGDIDPAIIFHLHDTLGMSSVDAINK.L	29
PHEAT+4107	proteomics_heat	2412308	2412352	+	2	4	K.ESGLLGLTEVTSDCR.Y	19
PHEAT+4108	proteomics_heat	2412353	2412379	+	2	5	R.YVEDNYATK.E	13
PHEAT+4109	proteomics_heat	2412464	2412517	+	2	5	R.LDAVVFTGGIGENAAMVR.E	22
PHEAT+4110	proteomics_heat	2412536	2412571	+	2	2	K.LGVLFGEVDHER.N	16
PHEAT+4111	proteomics_heat	2412614	2412682	+	2	11	K.EGTRPAVVIPTNEELVIAQDASR.L	27
PHEAT+4112	proteomics_heat	2412778	2412831	+	1	3	R.IIMLIPTGTSVGLTSVSL.G	22
PHEAT+4113	proteomics_heat	2412868	2412900	+	1	3	R.LSVFKPIAQPR.T	15
PHEAT+4114	proteomics_heat	2412901	2412942	+	1	11	R.TGGDAPDQTTTIVR.A	18
PHEAT+4115	proteomics_heat	2412943	2412981	+	1	3	R.ANSSTTTAAEPLK.M	17
PHEAT+4116	proteomics_heat	2412982	2413020	+	1	3	K.MSYVEGLLSSNQK.D	17
PHEAT+4117	proteomics_heat	2413021	2413068	+	1	8	K.DVLMEEIVANYHANTK.D	20
PHEAT+4118	proteomics_heat	2413069	2413113	+	1	5	K.DAEVVLVEGLVPTRK.H	19
PHEAT+4119	proteomics_heat	2413114	2413152	+	1	13	K.HQFAQSLNYEIAK.T	17
PHEAT+4120	proteomics_heat	2413153	2413221	+	1	3	K.TLNAEIVFVMSQGTDTPEQLKER.I	27
PHEAT+4121	proteomics_heat	2413291	2413320	+	1	4	K.LNAPVDEQGR.T	14
PHEAT+4122	proteomics_heat	2413321	2413362	+	1	5	R.TRPDLSEIFDDSSK.A	18
PHEAT+4123	proteomics_heat	2413363	2413392	+	1	2	K.AKVNNVDPK.L	14
PHEAT+4124	proteomics_heat	2413393	2413461	+	1	8	K.LQESSPLPVLGAVPWSFDLIATR.A	27
PHEAT+4125	proteomics_heat	2413480	2413524	+	1	12	R.HLNATIINEGDINTR.R	19
PHEAT+4126	proteomics_heat	2413480	2413527	+	1	2	R.HLNATIINEGDINTRR.V	20
PHEAT+4127	proteomics_heat	2413948	2413971	+	1	4	R.YQLTELAR.K	12
PHEAT+4128	proteomics_heat	2414230	2414355	+	1	18	R.EQLEDNVVLGTLMLEQDEVDGLVSGAVHTTANTIRPPLQLIK.T	46
PHEAT+4129	proteomics_heat	2414524	2414580	+	1	5	R.VAMLSYSTGTSGAGSDVEK.V	23
PHEAT+4130	proteomics_heat	2414614	2414679	+	1	6	K.RPDLMIDGPLQYDAAVMADVAK.S	26
PHEAT+4131	proteomics_heat	2414680	2414712	+	1	2	K.SKAPNSPVAGR.A	15
PHEAT+4132	proteomics_heat	2414713	2414763	+	1	5	R.ATVFIFPDLNTGNTTYK.A	21
PHEAT+4133	proteomics_heat	2414776	2414820	+	1	2	R.SADLISIGPMLQGMK.K	19
PHEAT+4134	proteomics_heat	2414821	2414844	+	1	3	R.KPVNDLSR.G	12
PHEAT+4135	proteomics_heat	2414845	2414910	+	1	8	R.GALVDDIVYTIALTAIQSAQQQ.-	26
PHEAT+4136	proteomics_heat	2419395	2419433	+	3	6	R.TFIGIKEEEINNR.Q	17
PHEAT+4137	proteomics_heat	2419434	2419478	+	3	2	R.QDIVINVTIHYPADK.A	19
PHEAT+4138	proteomics_heat	2419485	2419520	+	3	6	R.TSEDINDALNYR.T	16
PHEAT+4139	proteomics_heat	2419533	2419562	+	3	10	K.NIIQHVENNR.F	14
PHEAT+4140	proteomics_heat	2419581	2419610	+	3	4	K.LTQDVLDIAR.E	14
PHEAT+4141	proteomics_heat	2419611	2419652	+	3	3	R.EHHWVTYAEVEIDK.L	18
PHEAT+4142	proteomics_heat	2419787	2419825	+	2	3	R.LLELGHQITVVTR.N	17

PHEAT+4143	proteomics_heat	2419862	2419954	+	2	3	R.VTLWQGLADQSNLNGVDVINLAGEPIADKR.W	35
PHEAT+4144	proteomics_heat	2439852	2439902	+	3	3	R.DFDDVYFSNDNGLEETR.Y	21
PHEAT+4145	proteomics_heat	2440038	2440067	+	3	3	R.EAHPQAQLQR.L	14
PHEAT+4146	proteomics_heat	2441355	2441402	+	3	5	R.GSED TAYSEDDQQQNR.Q	20
PHEAT+4147	proteomics_heat	2446892	2446954	+	2	4	R.RGDYSPFLDLHLGLTQLQAK.Q	25
PHEAT+4148	proteomics_heat	2459448	2459498	+	3	6	R.AYSGEGAIADDAGNVS.R.N	21
PHEAT+4149	proteomics_heat	2459991	2460068	+	3	3	K.IAHLNGNQWFGWNAGILYELDKNNR.Y	30
PHEAT+4150	proteomics_heat	2460429	2460473	+	3	2	R.TGIAFDDSPVPAQNR.S	19
PHEAT+4151	proteomics_heat	2461316	2461393	+	2	2	Q.EPIELPANYKDKELVRTIINDNIVEK.T	30
PHEAT+4152	proteomics_heat	2466368	2466439	+	2	12	K.DATESIINALAVSDPLVVPLSFTR.N	28
PHEAT+4153	proteomics_heat	2467255	2467317	+	1	7	R.AIKPLIEDIPAFTYDLPLLYK.L	25
PHEAT+4154	proteomics_heat	2467858	2467896	+	1	2	K.YHATYFGSYLYMK.N	17
PHEAT+4155	proteomics_heat	2477293	2477388	+	1	2	K.ETTWFNPGTTS LAEGLPYVGLTEQDVQDAHAR.L	36
PHEAT+4156	proteomics_heat	2478016	2478099	+	1	2	R.IVDADNPLFVYLPCGVGGGPGGVAFGLK.L	32
PHEAT+4157	proteomics_heat	2478469	2478543	+	1	2	R.NTTHLVWATGGGMVPEEEMNQYLAK.G	29
PHEAT+4158	proteomics_heat	2481777	2481827	+	3	4	S.MNAIIIDDHPLAIAAIR.N	21
PHEAT+4159	proteomics_heat	2482044	2482085	+	3	2	K.HCADAGANGFVSKK.E	18
PHEAT+4160	proteomics_heat	2482044	2482082	+	3	2	K.HCADAGANGFVSK.K	17
PHEAT+4161	proteomics_heat	2482083	2482127	+	3	2	K.KEGMNIIAAIEAAK.N	19
PHEAT+4162	proteomics_heat	2482236	2482277	+	3	3	R.YILDGKDNNDIAEK.M	18
PHEAT+4163	proteomics_heat	2509180	2509269	+	1	21	V.TTGIAIMSGAKTVGGVMIMATTVAGISVKR.M	34
PHEAT+4164	proteomics_heat	2511463	2511528	+	1	2	K.LESFNAVSSLILQSENFIAYK.D	26
PHEAT+4165	proteomics_heat	2512353	2512430	+	3	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+4166	proteomics_heat	2512353	2512430	+	3	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+4167	proteomics_heat	2512353	2512430	+	3	3	P.MNYSHDNWSAILAHIGKPEELDTSAR.N	30
PHEAT+4168	proteomics_heat	2530434	2530487	+	3	30	M.SKIFEDNSLTIGHTPLVR.L	22
PHEAT+4169	proteomics_heat	2530440	2530487	+	3	24	K.IFEDNSLTIGHTPLVR.L	20
PHEAT+4170	proteomics_heat	2530560	2530595	+	3	3	C.RIGANMIWDAEK.R	16
PHEAT+4171	proteomics_heat	2530563	2530595	+	3	7	R.IGANMIWDAEK.R	15
PHEAT+4172	proteomics_heat	2530563	2530598	+	3	19	R.IGANMIWDAEK.R.G	16
PHEAT+4173	proteomics_heat	2530596	2530682	+	3	32	K.RGVLPKPGVELVEPTSGNTGIALAYVAAAR.G	33
PHEAT+4174	proteomics_heat	2530596	2530667	+	3	2	K.RGVLPKPGVELVEPTSGNTGIALAY.V	28
PHEAT+4175	proteomics_heat	2530599	2530682	+	3	153	R.GVLKPGVELVEPTSGNTGIALAYVAAAR.G	32
PHEAT+4176	proteomics_heat	2530599	2530667	+	3	3	R.GVLKPGVELVEPTSGNTGIALAY.V	27
PHEAT+4177	proteomics_heat	2530599	2530664	+	3	2	R.GVLKPGVELVEPTSGNTGIALA.Y	26
PHEAT+4178	proteomics_heat	2530683	2530730	+	3	3	R.GYKLTMPETMSIER.R	20
PHEAT+4179	proteomics_heat	2530692	2530730	+	3	12	K.LTLTMPETMSIER.R	17
PHEAT+4180	proteomics_heat	2530746	2530784	+	3	25	K.ALGANLVLTEGAK.G	17
PHEAT+4181	proteomics_heat	2530794	2530841	+	3	5	K.GAIQKAEIIVASNPEK.Y	20
PHEAT+4182	proteomics_heat	2530809	2530841	+	3	10	K.AEEIIVASNPEK.Y	15
PHEAT+4183	proteomics_heat	2530842	2530895	+	3	36	K.YLLLQQFSNPANPEIHEK.T	22
PHEAT+4184	proteomics_heat	2530854	2530991	+	3	6	L.QQFSNPANPEIHEKTTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R.Y	50
PHEAT+4185	proteomics_heat	2530863	2530895	+	3	5	F.SNPANPEIHEK.T	15
PHEAT+4186	proteomics_heat	2530896	2530991	+	3	175	K.TTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R.Y	36
PHEAT+4187	proteomics_heat	2531010	2531108	+	3	43	K.GKTDLISVAVEPTDSPVIAQALAGEEIKPGPHK.I	37
PHEAT+4188	proteomics_heat	2531016	2531108	+	3	3	K.TDLISVAVEPTDSPVIAQALAGEEIKPGPHK.I	35

PHEAT+4189	proteomics_heat	2531043	2531108	+	3	6	E.PTDSPVIAQALAGEEIKPGPHK.I	26
PHEAT+4190	proteomics_heat	2531109	2531156	+	3	25	K.IQGIGAGFIPANLDLK.L	20
PHEAT+4191	proteomics_heat	2531157	2531210	+	3	40	K.LVDKIVIGITNEEAISTAR.R	22
PHEAT+4192	proteomics_heat	2531169	2531210	+	3	30	K.VIGITNEEAISTAR.R	18
PHEAT+4193	proteomics_heat	2531211	2531279	+	3	244	R.RLMEEEGILAGISSGAAVAAALK.L	27
PHEAT+4194	proteomics_heat	2531214	2531279	+	3	331	R.LMEEEGILAGISSGAAVAAALK.L	26
PHEAT+4195	proteomics_heat	2531280	2531309	+	3	8	K.LQEDESFTNK.N	14
PHEAT+4196	proteomics_heat	2531310	2531345	+	3	10	K.NIVVILPSSGER.Y	16
PHEAT+4197	proteomics_heat	2531346	2531387	+	3	113	R.YLSTALFADLFTEK.E	18
PHEAT+4198	proteomics_heat	2531346	2531399	+	3	14	R.YLSTALFADLFTEKELQQ.-	22
PHEAT+4199	proteomics_heat	2531786	2531857	+	2	60	T.MFQQEVTITAPNGLHTRPAAQFVK.E	28
PHEAT+4200	proteomics_heat	2531867	2531905	+	2	33	K.GFTSEITVTSNGK.S	17
PHEAT+4201	proteomics_heat	2531933	2532022	+	2	29	K.LQTLGLTQGTVVTISAEGEDEQKAVEHLVK.L	34
PHEAT+4202	proteomics_heat	2531933	2532001	+	2	23	K.LQTLGLTQGTVVTISAEGEDEQK.A	27
PHEAT+4203	proteomics_heat	2532088	2532132	+	1	6	V.MISGILASPGIAFGK.A	19
PHEAT+4204	proteomics_heat	2532130	2532171	+	1	2	G.KALLLKEDEVIDR.K	18
PHEAT+4205	proteomics_heat	2532133	2532171	+	1	22	K.ALLLKEDEVIDR.K	17
PHEAT+4206	proteomics_heat	2532133	2532174	+	1	18	K.ALLLKEDEVIDRK.K	18
PHEAT+4207	proteomics_heat	2532175	2532213	+	1	10	K.KISADQVDQEVER.F	17
PHEAT+4208	proteomics_heat	2532178	2532213	+	1	12	K.ISADQVDQEVER.F	16
PHEAT+4209	proteomics_heat	2532229	2532261	+	1	3	R.AKASAQLETIK.T	15
PHEAT+4210	proteomics_heat	2532235	2532261	+	1	3	K.ASAQLETIK.T	13
PHEAT+4211	proteomics_heat	2532268	2532294	+	1	4	K.AGETFGEEK.E	13
PHEAT+4212	proteomics_heat	2532268	2532315	+	1	2	K.AGETFGEEKEAIFEGH.I	20
PHEAT+4213	proteomics_heat	2532316	2532369	+	1	2	H.IMLLEDEELEQEIALIK.D	22
PHEAT+4214	proteomics_heat	2532370	2532459	+	1	3	K.DKHMTADAAAHEVIEGQASALEELDDEYLK.E	34
PHEAT+4215	proteomics_heat	2532370	2532465	+	1	5	K.DKHMTADAAAHEVIEGQASALEELDDEYLKER.A	36
PHEAT+4216	proteomics_heat	2532376	2532459	+	1	27	K.HMTADAAAHEVIEGQASALEELDDEYLK.E	32
PHEAT+4217	proteomics_heat	2532520	2532609	+	1	8	L.KIIDLSAIQDEVILVAADLTPSETAQLNLK.K	34
PHEAT+4218	proteomics_heat	2532523	2532612	+	1	131	K.IIDLSAIQDEVILVAADLTPSETAQLNLK.V	34
PHEAT+4219	proteomics_heat	2532523	2532609	+	1	138	K.IIDLSAIQDEVILVAADLTPSETAQLNLK.K	33
PHEAT+4220	proteomics_heat	2532610	2532645	+	1	6	K.KVLGFITDAGGR.T	16
PHEAT+4221	proteomics_heat	2532613	2532645	+	1	4	K.VLGFITDAGGR.T	15
PHEAT+4222	proteomics_heat	2532646	2532672	+	1	4	R.TSHTSIMAR.S	13
PHEAT+4223	proteomics_heat	2532673	2532726	+	1	23	R.SLELPAIVGTGVSQVK.N	22
PHEAT+4224	proteomics_heat	2532727	2532801	+	1	24	K.NDDYLILDVNNQVYVNPPTNEVIDK.M	29
PHEAT+4225	proteomics_heat	2532751	2532801	+	1	2	D.AVNNQVYVNPPTNEVIDK.M	21
PHEAT+4226	proteomics_heat	2532808	2532852	+	1	9	R.AVQEQVASEKAELAK.L	19
PHEAT+4227	proteomics_heat	2532808	2532837	+	1	8	R.AVQEQVASEK.A	14
PHEAT+4228	proteomics_heat	2532853	2532924	+	1	31	K.LKDLPAITLDGHQVEVCANIGTVR.D	28
PHEAT+4229	proteomics_heat	2532859	2532924	+	1	3	K.DLPAITLDGHQVEVCANIGTVR.D	26
PHEAT+4230	proteomics_heat	2532946	2532975	+	1	14	R.NGAEGVGLYR.T	14
PHEAT+4231	proteomics_heat	2532976	2533041	+	1	3	R.TEFLFMDRDALPTEEEQFAAYK.A	26
PHEAT+4232	proteomics_heat	2532976	2532999	+	1	4	R.TEFLFMDR.D	12
PHEAT+4233	proteomics_heat	2533000	2533041	+	1	19	R.DALPTEEEQFAAYK.A	18
PHEAT+4234	proteomics_heat	2533042	2533083	+	1	9	K.AVAEACGSQAVIVR.T	18

PHEAT+4235	proteomics_heat	2533084	2533134	+	1	7	R.TMDIGGDKELPYMNFPK.E	21
PHEAT+4236	proteomics_heat	2533135	2533161	+	1	4	K.EENPFLGWR.A	13
PHEAT+4237	proteomics_heat	2533249	2533287	+	1	23	R.IMFPMIISVEEVR.A	17
PHEAT+4238	proteomics_heat	2533300	2533341	+	1	3	K.EIEIYKQELRDEGK.A	18
PHEAT+4239	proteomics_heat	2533342	2533407	+	1	22	K.AFDESIEIGVMVETPAAATIAR.H	26
PHEAT+4240	proteomics_heat	2533384	2533482	+	1	7	T.PAAATIARHLAKEVDFFSIGTNDLTQYTLAVDR.G	37
PHEAT+4241	proteomics_heat	2533420	2533482	+	1	21	K.EVDFFSIGTNDLTQYTLAVDR.G	25
PHEAT+4242	proteomics_heat	2533483	2533545	+	1	15	R.GNDMISHLYQPMSPSVLNLIK.Q	25
PHEAT+4243	proteomics_heat	2533546	2533578	+	1	7	K.QVIDASHAEGK.W	15
PHEAT+4244	proteomics_heat	2533579	2533617	+	1	6	K.WTGMCGELAGDER.A	17
PHEAT+4245	proteomics_heat	2533726	2533788	+	1	13	K.VLAEQALAQPTTDELMTLVNK.F	25
PHEAT+4246	proteomics_heat	2533880	2533903	+	2	12	K.SLVSDDKK.D	12
PHEAT+4247	proteomics_heat	2533880	2533990	+	2	14	K.SLVSDDKKDTGTIEIAPLSGEIVNIEDVPDVVFAEK.I	41
PHEAT+4248	proteomics_heat	2533901	2533990	+	2	13	K.KDTGTIEIAPLSGEIVNIEDVPDVVFAEK.I	34
PHEAT+4249	proteomics_heat	2533904	2533990	+	2	198	K.DTGTIEIAPLSGEIVNIEDVPDVVFAEK.I	33
PHEAT+4250	proteomics_heat	2533931	2533990	+	2	61	A.PLSGEIVNIEDVPDVVFAEK.I	24
PHEAT+4251	proteomics_heat	2533991	2534032	+	2	17	K.IVGDGIAIKPTGNK.M	18
PHEAT+4252	proteomics_heat	2534033	2534065	+	2	9	K.MVAPVDGTIGK.I	15
PHEAT+4253	proteomics_heat	2534195	2534248	+	2	42	R.VKVGDTVIEFDLPLLEEK.A	22
PHEAT+4254	proteomics_heat	2534201	2534248	+	2	33	K.VGDTVIEFDLPLLEEK.A	20
PHEAT+4255	proteomics_heat	2534255	2534311	+	2	30	K.STLTPVVISNMDEIKELIK.L	23
PHEAT+4256	proteomics_heat	2534255	2534299	+	2	5	K.STLTPVVISNMDEIK.E	19
PHEAT+4257	proteomics_heat	2534312	2534353	+	2	11	K.LSGSVTVGETPVIR.I	18
PHEAT+4258	proteomics_heat	2542421	2542489	+	2	8	R.AFDSCGYRRRVTHIGDNRRTAMT.T	27
PHEAT+4259	proteomics_heat	2543924	2543986	+	2	2	R.VLPDIAAAIDVIHAQVSGGGR.L	25
PHEAT+4260	proteomics_heat	2550545	2550598	+	2	3	R.VVLDPGHGGIDTGAIGR.N	22
PHEAT+4261	proteomics_heat	2550743	2550796	+	2	4	K.HGADLFMSIHADGFTNPK.A	22
PHEAT+4262	proteomics_heat	2550902	2550970	+	2	4	K.KATDKDHLQVLFDLVQTDTIK.N	27
PHEAT+4263	proteomics_heat	2550905	2550970	+	2	3	K.ATDKDHLQVLFDLVQTDTIK.N	26
PHEAT+4264	proteomics_heat	2550971	2551003	+	2	2	K.NSLTLGSHILK.K	15
PHEAT+4265	proteomics_heat	2551787	2551837	+	2	2	R.GIGGLFFDDLNTPDFDR.C	21
PHEAT+4266	proteomics_heat	2562275	2562304	+	2	2	K.YHFSNETEFK.L	14
PHEAT+4267	proteomics_heat	2562326	2562373	+	2	2	R.ECANVAENNGFVLVGR.V	20
PHEAT+4268	proteomics_heat	2562698	2562727	+	2	2	K.GGVSHWLEGR.R	14
PHEAT+4269	proteomics_heat	2562872	2562895	+	2	2	R.DAIIDDLK.A	12
PHEAT+4270	proteomics_heat	2563055	2563138	+	2	6	K.KYSVGMLCQVLAAMGGEYLGNNAGLQQK.I	32
PHEAT+4271	proteomics_heat	2563058	2563138	+	2	4	K.YSVGMLCQVLAAMGGEYLGNNAGLQQK.I	31
PHEAT+4272	proteomics_heat	2576712	2576759	+	3	4	K.QFTTVVADSGDIESIR.H	20
PHEAT+4273	proteomics_heat	2576760	2576807	+	3	3	R.HYHPQDATTNPSLLLK.A	20
PHEAT+4274	proteomics_heat	2576805	2576864	+	3	2	L.KAAGLSQYEHLIDDAIAWGK.K	24
PHEAT+4275	proteomics_heat	2576808	2576867	+	3	4	K.AAGLSQYEHLIDDAIAWGK.N	24
PHEAT+4276	proteomics_heat	2576808	2576864	+	3	6	K.AAGLSQYEHLIDDAIAWGK.K	23
PHEAT+4277	proteomics_heat	2576877	2576912	+	3	5	K.TQEQQVVAACDK.L	16
PHEAT+4278	proteomics_heat	2577024	2577062	+	3	9	R.HLVDLYQQQGVK.S	17
PHEAT+4279	proteomics_heat	2577129	2577179	+	3	179	K.EGINCNLTLIFSFAQAR.A	21
PHEAT+4280	proteomics_heat	2577129	2577179	+	3	179	K.EGINCNLTLIFSFAQAR.A	21

PHEAT+4281	proteomics_heat	2577180	2577227	+	3	47	R.ACAEAGVFLISPFVGR.I	20
PHEAT+4282	proteomics_heat	2577180	2577227	+	3	47	R.ACAEAGVFLISPFVGR.I	20
PHEAT+4283	proteomics_heat	2577252	2577296	+	3	4	R.KPMDPYVVEEDPGVK.S	19
PHEAT+4284	proteomics_heat	2577369	2577407	+	3	4	R.RTEQILALTGCDR.L	17
PHEAT+4285	proteomics_heat	2577531	2577566	+	3	11	R.WEHNQDAMAVEK.L	16
PHEAT+4286	proteomics_heat	2577606	2577632	+	3	4	R.KLEDLLAAK.L	13
PHEAT+4287	proteomics_heat	2577691	2577717	+	1	3	R.ALSMDAVQK.A	13
PHEAT+4288	proteomics_heat	2577691	2577717	+	1	3	R.ALSMDAVQK.A	13
PHEAT+4289	proteomics_heat	2577718	2577792	+	1	10	K.ANSGHPGAPMGADIAEVLWNDFLK.H	29
PHEAT+4290	proteomics_heat	2577943	2578047	+	1	4	K.TPGHPEIGYTPGVETTTGPLGQGLANAVGLAIAER.T	39
PHEAT+4291	proteomics_heat	2577976	2578047	+	1	4	P.GVETTTGPLGQGLANAVGLAIAER.T	28
PHEAT+4292	proteomics_heat	2578267	2578329	+	1	2	R.FEAYHWHVIHEIDGHDQPQAVK.E	25
PHEAT+4293	proteomics_heat	2578330	2578359	+	1	2	K.EAILEAQSVK.D	14
PHEAT+4294	proteomics_heat	2578417	2578476	+	1	2	K.AGKEEAHGAPLGEVEVALAR.Q	24
PHEAT+4295	proteomics_heat	2578603	2578635	+	1	5	K.AHPQLAEFTR.R	15
PHEAT+4296	proteomics_heat	2578828	2578884	+	1	6	K.GSVSLKEDPAGNYIHYGVR.E	23
PHEAT+4297	proteomics_heat	2578846	2578884	+	1	2	K.EDPAGNYIHYGVR.E	17
PHEAT+4298	proteomics_heat	2579392	2579445	+	1	2	R.VVSLPSTDFDAQDEEYR.E	22
PHEAT+4299	proteomics_heat	2579479	2579517	+	1	4	R.VAVEAGIADYWYK.Y	17
PHEAT+4300	proteomics_heat	2579479	2579517	+	1	4	R.VAVEAGIADYWYK.Y	17
PHEAT+4301	proteomics_heat	2579533	2579583	+	1	2	K.GAIVGMTGYGESAPADK.L	21
PHEAT+4302	proteomics_heat	2586220	2586297	+	1	3	K.DVTDIAIESQNAQIavgQLGGTPSVDK.Q	30
PHEAT+4303	proteomics_heat	2589320	2589352	+	2	2	R.RWLEANNIDYR.F	15
PHEAT+4304	proteomics_heat	2589542	2589622	+	2	9	K.RPLLCVPGKPMLLGFSDSSYQQFFHEV.-	31
PHEAT+4305	proteomics_heat	2589671	2589724	+	2	4	R.RPSLSPDDAGCQALLIER.L	22
PHEAT+4306	proteomics_heat	2589755	2589793	+	2	2	R.MDFADTQNFWAWR.G	17
PHEAT+4307	proteomics_heat	2590091	2590150	+	2	2	R.LDYCLVGEPSSIEVGDVVK.N	24
PHEAT+4308	proteomics_heat	2590520	2590612	+	2	2	R.GKLVDAVVNAVEHYNEIKPQLLTGGTSDGR.F	35
PHEAT+4309	proteomics_heat	2590526	2590612	+	2	2	K.LVDAVVNAVEHYNEIKPQLLTGGTSDGR.F	33
PHEAT+4310	proteomics_heat	2590625	2590675	+	2	2	R.MGAQVVELGPNATIHK.I	21
PHEAT+4311	proteomics_heat	2597931	2598008	+	3	4	L.TLSSQHLYLVITALGADRPgIVNTITR.H	30
PHEAT+4312	proteomics_heat	2598009	2598047	+	3	6	R.HVSSCGCNIEDSR.L	17
PHEAT+4313	proteomics_heat	2598189	2598260	+	3	3	R.PRPPMPASVWVQVDVADSPHLIER.F	28
PHEAT+4314	proteomics_heat	2598261	2598314	+	3	3	R.FTALFDAHMMNIAELVSR.T	22
PHEAT+4315	proteomics_heat	2598339	2598416	+	3	11	R.AAQLHIQITAHSPASADAANIEQAFK.A	30
PHEAT+4316	proteomics_heat	2598536	2598595	+	2	8	K.FSLPDQDGEQVNLTDfQGQR.V	24
PHEAT+4317	proteomics_heat	2598596	2598619	+	2	5	R.VLVYFYPK.A	12
PHEAT+4318	proteomics_heat	2598620	2598661	+	2	6	K.AMTPGCTVQACGLR.D	18
PHEAT+4319	proteomics_heat	2598686	2598730	+	2	8	K.AGVDVLGISTDKPEK.L	19
PHEAT+4320	proteomics_heat	2598752	2598826	+	2	14	K.ELLNFTLLSDEDHQVCEQFGVWGEK.S	29
PHEAT+4321	proteomics_heat	2598863	2598919	+	2	4	R.ISFLIDADGKIEHVFDdfK.T	23
PHEAT+4322	proteomics_heat	2598893	2598919	+	2	2	K.IEHVFDDfK.T	13
PHEAT+4323	proteomics_heat	2598920	2598958	+	2	5	K.TSNHHDVVLNWLK.E	17
PHEAT+4324	proteomics_heat	2604763	2604834	+	1	5	K.RLPSGAGASCLASTGTGGNRYRYR.R	28
PHEAT+4325	proteomics_heat	2614299	2614361	+	3	3	R.GSAPLINDPLLTQYINSLGMR.L	25
PHEAT+4326	proteomics_heat	2614362	2614388	+	3	2	R.LVSHANSVK.T	13

PHEAT+4327	proteomics_heat	2614482	2614547	+	3	2	R.YSDNESQLASVMAHEISHVTQR.H	26
PHEAT+4328	proteomics_heat	2614808	2614870	+	2	17	R.SGALLLAPAGNFIDSPVAGKS.S	25
PHEAT+4329	proteomics_heat	2614818	2614871	+	3	2	R.YSSRPPEILLTHPLPESR.L	22
PHEAT+4330	proteomics_heat	2615061	2615102	+	3	3	R.ALQAMEANKYDEAR.K	18
PHEAT+4331	proteomics_heat	2615103	2615189	+	3	3	R.KTLQPLLAEPGNAWYLDLATDIDLGQNK.A	33
PHEAT+4332	proteomics_heat	2615106	2615189	+	3	2	K.TLQPLLAEPGNAWYLDLATDIDLGQNK.A	32
PHEAT+4333	proteomics_heat	2615235	2615318	+	3	4	R.TNPVLQLNLANAYLQGGQPQEAANILNR.Y	32
PHEAT+4334	proteomics_heat	2615319	2615393	+	3	3	R.YTFNKKDDSNQWDLAQAEALNNR.D	29
PHEAT+4335	proteomics_heat	2615672	2615737	+	2	3	K.ENGVPEVVLVLETADAATLR.D	26
PHEAT+4336	proteomics_heat	2615807	2615875	+	2	7	K.ELNLADSSLSSEALIQAMVDNPK.L	27
PHEAT+4337	proteomics_heat	2615876	2615911	+	2	5	K.LMERPIVVANGK.A	16
PHEAT+4338	proteomics_heat	2619222	2619248	+	3	8	V.TDKTSLSYK.D	13
PHEAT+4339	proteomics_heat	2619249	2619293	+	3	29	K.DAGVDIDAGNALVGR.I	19
PHEAT+4340	proteomics_heat	2619315	2619380	+	3	3	K.TRRPEVMGGLGGFGALCALPQK.Y	26
PHEAT+4341	proteomics_heat	2619321	2619380	+	3	3	R.RPEVMGGLGGFGALCALPQK.Y	24
PHEAT+4342	proteomics_heat	2619381	2619428	+	3	12	K.YREPVLVSGTDGVTGK.L	20
PHEAT+4343	proteomics_heat	2619741	2619812	+	3	9	K.VSDGDVLIALGSSGPHSNGYSLVR.K	28
PHEAT+4344	proteomics_heat	2619813	2619899	+	3	5	R.KILEVSGCDPQTTELDGKPLADHLLAPTR.I	33
PHEAT+4345	proteomics_heat	2619816	2619899	+	3	3	K.ILEVSGCDPQTTELDGKPLADHLLAPTR.I	32
PHEAT+4346	proteomics_heat	2619912	2619935	+	3	3	K.SVLELIEK.V	12
PHEAT+4347	proteomics_heat	2619936	2619995	+	3	13	K.VDVHAIHLLTGGGFWENIPR.V	24
PHEAT+4348	proteomics_heat	2620107	2620163	+	3	6	R.TFNCVGMIIALPAPEVDK.A	23
PHEAT+4349	proteomics_heat	2620164	2620205	+	3	6	K.ALALLNANGENAWK.I	18
PHEAT+4350	proteomics_heat	2620526	2620564	+	2	2	R.ILSPAFVSHYAGR.L	17
PHEAT+4351	proteomics_heat	2620715	2620759	+	2	4	K.VPVFAGDSEDDITAR.V	19
PHEAT+4352	proteomics_heat	2620760	2620819	+	2	3	R.VQTQEHAHYPLVISWFADGR.L	24
PHEAT+4353	proteomics_heat	2620826	2620861	+	2	2	K.MHENAAWLDGQR.L	16
PHEAT+4354	proteomics_heat	2621126	2621170	+	2	4	R.VLQEAADKSNPLIER.M	19
PHEAT+4355	proteomics_heat	2621177	2621218	+	2	2	R.FLGIYSNNLDEFYK.V	18
PHEAT+4356	proteomics_heat	2621246	2621287	+	2	3	R.IIISEEQGSNSHSR.H	18
PHEAT+4357	proteomics_heat	2621324	2621377	+	2	3	K.ADQEFDGLYNELLEMAR.N	22
PHEAT+4358	proteomics_heat	2621945	2621989	+	2	3	R.YHNFKDFINFPNVGK.A	19
PHEAT+4359	proteomics_heat	2621990	2622019	+	2	3	K.ANLVKNPLPR.L	14
PHEAT+4360	proteomics_heat	2622053	2622139	+	2	2	F.RNGFDAIRERDVLLYYPYHTFEHVLELLR.Q	33
PHEAT+4361	proteomics_heat	2622083	2622139	+	2	2	R.DVLLYYPYHTFEHVLELLR.Q	23
PHEAT+4362	proteomics_heat	2622419	2622454	+	2	8	R.YAHIGTGNFNEK.T	16
PHEAT+4363	proteomics_heat	2622710	2622757	+	2	2	R.LYAASSSGVPVNLLVR.G	20
PHEAT+4364	proteomics_heat	2622974	2623015	+	2	4	R.VLDIIDILFSDTVK.A	18
PHEAT+4365	proteomics_heat	2623022	2623048	+	2	2	R.YIDKELSNR.Y	13
PHEAT+4366	proteomics_heat	2623155	2623223	+	3	3	K.SPRPQFAAVDLGNSFHMVIAR.V	27
PHEAT+4367	proteomics_heat	2623269	2623328	+	3	2	R.VHLADGLGPDNMLSEEAMTR.G	24
PHEAT+4368	proteomics_heat	2623362	2623415	+	3	2	R.LQGFPASVCIVGTHTLR.Q	22
PHEAT+4369	proteomics_heat	2623458	2623505	+	3	2	K.VIPYPIEISGNEEAR.L	20
PHEAT+4370	proteomics_heat	2623506	2623544	+	3	2	R.LIFMGVEHTQPEK.G	17
PHEAT+4371	proteomics_heat	2623941	2624000	+	3	2	K.TVFVPLAILCGVFDALAIR.E	24
PHEAT+4372	proteomics_heat	2624088	2624138	+	3	2	R.TASSLANQYHIDSEQAR.R	21

PHEAT+4373	proteomics_heat	2624196	2624228	+	3	2	K.LAHPQLEALLR.W	15
PHEAT+4374	proteomics_heat	2624286	2624366	+	3	3	R.HSAYILQNSDLPGFNQEQLMMATLVR.Y	31
PHEAT+4375	proteomics_heat	2632614	2632697	+	3	2	K.LQAEGFLDQYKKPLPSPAHCVGVITSK.T	32
PHEAT+4376	proteomics_heat	2632650	2632697	+	3	2	K.KPLPSPAHCVGVITSK.T	20
PHEAT+4377	proteomics_heat	2632737	2632814	+	3	3	K.RRDPSLPVIIYPAAVQGDDAPGQIVR.A	30
PHEAT+4378	proteomics_heat	2632743	2632814	+	3	5	R.DPSLPVIIYPAAVQGDDAPGQIVR.A	28
PHEAT+4379	proteomics_heat	2650519	2650596	+	1	2	M.STTWVFGADWLAEHIDDPEIQIIDAR.M	30
PHEAT+4380	proteomics_heat	2650780	2650824	+	1	3	K.HLIVYDEGNLFSAPR.A	19
PHEAT+4381	proteomics_heat	2650984	2651040	+	1	2	K.VTDVLLASHENTAQIIDAR.P	23
PHEAT+4382	proteomics_heat	2651053	2651091	+	1	2	R.FNAEVDEPRPGLR.R	17
PHEAT+4383	proteomics_heat	2651095	2651142	+	1	4	R.GHIPGALNVPWTELVR.E	20
PHEAT+4384	proteomics_heat	2651158	2651193	+	1	2	K.TTDELDAIFFGR.G	16
PHEAT+4385	proteomics_heat	2651332	2651358	+	1	2	R.ADLPVEPVK.-	13
PHEAT+4386	proteomics_heat	2661527	2661565	+	2	6	K.NYETPDAVEASQK.G	17
PHEAT+4387	proteomics_heat	2661566	2661598	+	2	3	K.GSNDFVTNVDK.A	15
PHEAT+4388	proteomics_heat	2661749	2661781	+	2	2	R.LPHFAVSI AVR.I	15
PHEAT+4389	proteomics_heat	2661851	2661880	+	2	3	R.GGQAQLNGYR.L	14
PHEAT+4390	proteomics_heat	2661902	2661943	+	2	4	R.DLDGTILATGFPFK.A	18
PHEAT+4391	proteomics_heat	2661944	2661985	+	2	2	K.AKQYATTYINIVGK.L	18
PHEAT+4392	proteomics_heat	2662127	2662207	+	2	9	R.EAGGIVSDFTGGHNYMLTGNIVAGNPR.V	31
PHEAT+4393	proteomics_heat	2662217	2662264	+	2	3	K.AMLANMRDELS DALKR.-	20
PHEAT+4394	proteomics_heat	2682462	2682548	+	3	2	K.RALRIVRYAVFVDGDVSTAQSGVCFFTGQ.V	33
PHEAT+4395	proteomics_heat	2683950	2683976	+	3	3	R.MFTHNPELK.E	13
PHEAT+4396	proteomics_heat	2684019	2684096	+	3	14	R.EALFNAAIAYASNIENLPALLPAVEK.I	30
PHEAT+4397	proteomics_heat	2684259	2684291	+	3	2	R.EAEIYNENASK.A	15
PHEAT+4398	proteomics_heat	2684526	2684588	+	3	4	R.EEGGQVSNWLHNHANVGDVVK.L	25
PHEAT+4399	proteomics_heat	2684589	2684705	+	3	13	K.LVAPAGDFFMAVADDTPVTLISAGVGQTPMLAMLDTLAK.A	43
PHEAT+4400	proteomics_heat	2684706	2684783	+	3	5	K.AGHTAQVNW FHAAENG DVHAFADVK.E	30
PHEAT+4401	proteomics_heat	2696811	2696840	+	3	2	R.YQGLAQSDKK.L	14
PHEAT+4402	proteomics_heat	2696982	2697050	+	3	2	K.LALSEALASQPESPSVPIHNQIR.G	27
PHEAT+4403	proteomics_heat	2697330	2697404	+	3	3	L.LAISYTGVRRELNLAADEMLRVGGK.V	29
PHEAT+4404	proteomics_heat	2708520	2708555	+	3	5	R.LADQHQVIVLSK.G	16
PHEAT+4405	proteomics_heat	2708682	2708714	+	3	4	R.HAVEFVASNAR.S	15
PHEAT+4406	proteomics_heat	2708826	2708855	+	3	2	R.ILHAADATGR.E	14
PHEAT+4407	proteomics_heat	2709036	2709068	+	3	3	K.AVVLATGGASK.V	15
PHEAT+4408	proteomics_heat	2709144	2709203	+	3	4	R.VANLEFNQFHPTALYHPQAR.N	24
PHEAT+4409	proteomics_heat	2709975	2710061	+	3	2	R.GLHFITLDYPELLTHSGPSILSPGNHYINR.-	33
PHEAT+4410	proteomics_heat	2710921	2710983	+	1	2	M.TVTTFSELELDESLLALQDK.G	25
PHEAT+4411	proteomics_heat	2710984	2711043	+	1	7	K.GFTRPTAIQAAAIPPALDGR.D	24
PHEAT+4412	proteomics_heat	2711044	2711079	+	1	6	R.DVLGSAPTGTGK.T	16
PHEAT+4413	proteomics_heat	2711080	2711130	+	1	7	K.TAAYLLPALQHLLDFPR.K	21
PHEAT+4414	proteomics_heat	2711176	2711208	+	1	3	R.ELAMQVSDHAR.E	15
PHEAT+4415	proteomics_heat	2711365	2711400	+	1	3	R.AVETLILDEADR.M	16
PHEAT+4416	proteomics_heat	2711401	2711454	+	1	5	R.MLDMGFAQDIEHIAGETR.W	22
PHEAT+4417	proteomics_heat	2711536	2711568	+	1	3	D.PVEVSANPSTR.E	15
PHEAT+4418	proteomics_heat	2711623	2711649	+	1	4	K.TALLVHLLK.Q	13

PHEAT+4419	proteomics_heat	2711698	2711724	+	1	2	R.VHELANWLR.E	13
PHEAT+4420	proteomics_heat	2711725	2711775	+	1	2	R.EAGINNCYLEGEMVQGK.R	21
PHEAT+4421	proteomics_heat	2711848	2711898	+	1	4	R.GIDIPDVSHVFNFDMPR.S	21
PHEAT+4422	proteomics_heat	2711899	2711922	+	1	4	R.SGDTYLHR.I	12
PHEAT+4423	proteomics_heat	2711950	2712003	+	1	4	R.KGTAISLVEAHDHLLLGK.V	22
PHEAT+4424	proteomics_heat	2711953	2712003	+	1	4	K.GTAISLVEAHDHLLLGK.V	21
PHEAT+4425	proteomics_heat	2714821	2714868	+	1	4	K.QQPYFLNTLQTVASER.Q	20
PHEAT+4426	proteomics_heat	2716757	2716795	+	2	7	V.MNTVCTHCQAINR.I	17
PHEAT+4427	proteomics_heat	2720087	2720137	+	2	2	R.LAVRPYPHQLEEWVELK.N	21
PHEAT+4428	proteomics_heat	2720531	2720605	+	2	11	R.GMVALARKLGFNVDIQLEEGIVGLT.L	29
PHEAT+4429	proteomics_heat	2720806	2720859	+	1	7	K.ISQSVDDVDFYAPADFR.E	22
PHEAT+4430	proteomics_heat	2721082	2721141	+	1	3	R.MAQENPGVDVPVYGVPINTR.E	24
PHEAT+4431	proteomics_heat	2721283	2721333	+	1	3	K.MSDIMFEWVTQNMNGR.G	21
PHEAT+4432	proteomics_heat	2721511	2721546	+	1	3	K.TIFHLMPCAEQK.L	16
PHEAT+4433	proteomics_heat	2721625	2721651	+	1	4	K.KVEIIVGDK.T	13
PHEAT+4434	proteomics_heat	2721751	2721789	+	1	3	R.LQYYVNTDQLVVR.L	17
PHEAT+4435	proteomics_heat	2721892	2721951	+	1	5	R.LDLENAILIHDPQLELAPQR.E	24
PHEAT+4436	proteomics_heat	2722006	2722038	+	1	2	R.DLQSIADYPVK.V	15
PHEAT+4437	proteomics_heat	2734315	2734410	+	1	3	R.QAITQLEALDNRYPGPYSQQVQLDLIYAYK.N	36
PHEAT+4438	proteomics_heat	2734459	2734503	+	1	5	R.LNPTHPNIDYVMMR.G	19
PHEAT+4439	proteomics_heat	2734459	2734497	+	1	2	R.LNPTHPNIDYVMMY.M	17
PHEAT+4440	proteomics_heat	2734504	2734563	+	1	11	R.GLTNMLDSDSALQFFGVDR.S	24
PHEAT+4441	proteomics_heat	2734624	2734665	+	1	4	R.GYPNSQYTTDATKR.L	18
PHEAT+4442	proteomics_heat	2734624	2734662	+	1	4	R.GYPNSQYTTDATK.R	17
PHEAT+4443	proteomics_heat	2734696	2734731	+	1	3	K.YEYSVAEYTER.G	16
PHEAT+4444	proteomics_heat	2734732	2734758	+	1	2	R.GAWVAVVNR.V	13
PHEAT+4445	proteomics_heat	2734804	2734836	+	1	2	R.DALPLMENAYR.Q	15
PHEAT+4446	proteomics_heat	2735263	2735304	+	1	6	K.WQTHLINPHILSK.E	18
PHEAT+4447	proteomics_heat	2735263	2735289	+	1	5	K.WQTHLINPH.I	13
PHEAT+4448	proteomics_heat	2735263	2735298	+	1	3	K.WQTHLINPHIIL.S	16
PHEAT+4449	proteomics_heat	2735305	2735373	+	1	14	K.EPQGFVADATINTPNGVLVASGK.H	27
PHEAT+4450	proteomics_heat	2735305	2735424	+	1	2	K.EPQGFVADATINTPNGVLVASGKHEDMYTAINELINKLER.Q	44
PHEAT+4451	proteomics_heat	2735317	2735373	+	1	4	G.FVADATINTPNGVLVASGK.H	23
PHEAT+4452	proteomics_heat	2735326	2735373	+	1	2	A.DATINTPNGVLVASGK.H	20
PHEAT+4453	proteomics_heat	2735365	2735415	+	1	3	A.SGKHEDMYTAINELINK.L	21
PHEAT+4454	proteomics_heat	2735374	2735415	+	1	26	K.HEDMYTAINELINK.L	18
PHEAT+4455	proteomics_heat	2735374	2735424	+	1	26	K.HEDMYTAINELINKLER.Q	21
PHEAT+4456	proteomics_heat	2735380	2735424	+	1	3	E.DMYTAINELINKLER.Q	19
PHEAT+4457	proteomics_heat	2735770	2735799	+	1	2	M.TSENPLLALR.E	14
PHEAT+4458	proteomics_heat	2735992	2736060	+	1	16	R.LFQLIIEDSVLTQQALLQQHLNK.I	27
PHEAT+4459	proteomics_heat	2736145	2736180	+	1	7	R.HFEQFIESGCAK.F	16
PHEAT+4460	proteomics_heat	2736448	2736486	+	1	2	K.IEYTESTSAAMEK.V	17
PHEAT+4461	proteomics_heat	2736502	2736570	+	1	11	K.SPHVAALGSEAGGTLYGLQVLER.I	27
PHEAT+4462	proteomics_heat	2736622	2736657	+	1	9	R.KAINVSDQVPAK.T	16
PHEAT+4463	proteomics_heat	2748952	2749002	+	1	2	K.GYEVIVEQQIAHELQK.N	21
PHEAT+4464	proteomics_heat	2749276	2749317	+	1	2	R.ISTAINEVVLPK.V	18

PHEAT+4465	proteomics_heat	2751702	2751761	+	3	4	R.VVYRPDINQGNLYLTANDVSK.I	24
PHEAT+4466	proteomics_heat	2751798	2751860	+	3	3	Y.ALGTPLMSDPFGTNTWFYVFR.Q	25
PHEAT+4467	proteomics_heat	2753062	2753094	+	1	2	K.ANISDSYVLLR.D	15
PHEAT+4468	proteomics_heat	2753095	2753175	+	1	5	R.DGEAFLFGANITPMAVASTHVCDPTR.T	31
PHEAT+4469	proteomics_heat	2753137	2753175	+	1	2	M.AVASTHVCDPTR.T	17
PHEAT+4470	proteomics_heat	2778064	2778114	+	1	5	N.GKSTVLVSTADFNTVSR.A	21
PHEAT+4471	proteomics_heat	2789526	2789570	+	3	2	R.NWFNLMMEHQDDLAR.L	19
PHEAT+4472	proteomics_heat	2789670	2789711	+	3	2	R.IYGDITIPGHQADKR.L	18
PHEAT+4473	proteomics_heat	2789727	2789789	+	3	4	K.QPIGVTAAITPWNFPAAMITR.K	25
PHEAT+4474	proteomics_heat	2789793	2789888	+	3	2	K.AGPALAAGCTMVLKASQTPFSALALAEALAIR.A	36
PHEAT+4475	proteomics_heat	2789976	2790011	+	3	2	R.KLSFTGSTEIGR.Q	16
PHEAT+4476	proteomics_heat	2790240	2790299	+	3	4	K.LHIGDGLDNGVTIGPLIDEK.A	24
PHEAT+4477	proteomics_heat	2790312	2790344	+	3	3	K.VEEHIADALEK.G	15
PHEAT+4478	proteomics_heat	2790384	2790437	+	3	4	R.GGNFFQPTILVDVPANAK.V	22
PHEAT+4479	proteomics_heat	2790438	2790482	+	3	4	K.VSKEETFGPLAPLFR.F	19
PHEAT+4480	proteomics_heat	2790579	2790662	+	3	3	R.VGEALEYGIVGINTGIISNEVAPFGGIK.A	32
PHEAT+4481	proteomics_heat	2790973	2791044	+	1	3	K.LSHTCFQVLAYEPYLELCEIMNQK.V	28
PHEAT+4482	proteomics_heat	2791066	2791116	+	1	3	K.KTLLVTTGSEAVENAVK.I	21
PHEAT+4483	proteomics_heat	2791141	2791179	+	1	3	R.SGTIAFSGAYHGR.T	17
PHEAT+4484	proteomics_heat	2791210	2791260	+	1	2	K.VNPYSAGMGLMPGHVYR.A	21
PHEAT+4485	proteomics_heat	2791261	2791323	+	1	2	R.ALYPCPLHGISEDDAIASIHR.I	25
PHEAT+4486	proteomics_heat	2791603	2791695	+	1	3	R.AEVMDAVAPGGLGGTYAGNPIACVAALEVLK.V	35
PHEAT+4487	proteomics_heat	2791747	2791803	+	1	2	K.LKDGLLAIAEKHPEIGDVR.G	23
PHEAT+4488	proteomics_heat	2798168	2798266	+	2	4	H.MFNRPNRNDVDDGVQDIQNDVNQLADSLESVLK.S	37
PHEAT+4489	proteomics_heat	2798189	2798266	+	2	18	R.NDVDDGVQDIQNDVNQLADSLESVLK.S	30
PHEAT+4490	proteomics_heat	2798189	2798239	+	2	2	R.NDVDDGVQDIQNDVNQL.A	21
PHEAT+4491	proteomics_heat	2798216	2798266	+	2	2	D.IQNDVNQLADSLESVLK.S	21
PHEAT+4492	proteomics_heat	2798267	2798308	+	2	3	K.SWGSDAKGEAAAR.S	18
PHEAT+4493	proteomics_heat	2798384	2798416	+	2	6	R.DAVGCADS FVR.E	15
PHEAT+4494	proteomics_heat	2808792	2808830	+	3	3	Q.MDSSFTPIEQMLK.F	17
PHEAT+4495	proteomics_heat	2808846	2808884	+	3	12	R.HEDFPYQEILLTR.L	17
PHEAT+4496	proteomics_heat	2808885	2808908	+	3	2	R.LCMHMQSK.L	12
PHEAT+4497	proteomics_heat	2808939	2809046	+	3	24	K.AQGINETLFMALITLESQENHSIQSELSCALGSSR.T	40
PHEAT+4498	proteomics_heat	2809062	2809085	+	3	8	R.IADELEKR.G	12
PHEAT+4499	proteomics_heat	2809125	2809151	+	3	8	R.CLHLQLTEK.G	13
PHEAT+4500	proteomics_heat	2809170	2809259	+	3	13	R.EVLPPQHNCLHQLWSALSTTEKDQLEQITR.K	34
PHEAT+4501	proteomics_heat	2809452	2809496	+	3	4	M.SANAETQTPQQPVKK.S	19
PHEAT+4502	proteomics_heat	2809701	2809742	+	3	2	K.EGDVLVTLDPDAR.Q	18
PHEAT+4503	proteomics_heat	2809941	2810024	+	3	4	R.DAVTSAQAQLDVAIQQYANQAMILGTK.L	32
PHEAT+4504	proteomics_heat	2810025	2810069	+	3	10	K.LEDQPAVQQAATEVR.N	19
PHEAT+4505	proteomics_heat	2810136	2810225	+	3	3	R.AVQPGAQISPTTPLMAVVPATNMWVDANFK.E	34
PHEAT+4506	proteomics_heat	2810313	2810390	+	3	2	K.VVGLDMGTGSFAFLLPAQNTATGNWIK.V	30
PHEAT+4507	proteomics_heat	2810499	2810522	+	3	7	R.DGQVLANK.V	12
PHEAT+4508	proteomics_heat	2810529	2810558	+	3	2	R.STPVAVSTAR.E	14
PHEAT+4509	proteomics_heat	2814042	2814077	+	3	9	R.AVAIFQPFTIQR.F	16
PHEAT+4510	proteomics_heat	2827934	2827966	+	2	3	R.AANIILHCEGK.V	15

PHEAT+4511	proteomics_heat	2828009	2828104	+	2	2	K.KIAATLASTGTPAFFVHPAEALHGDLGMIESR.D	36
PHEAT+4512	proteomics_heat	2828516	2828593	+	2	2	R.TGLGLVAVCDAAQQVQGVFTDGDLLR.W	30
PHEAT+4513	proteomics_heat	2828594	2828677	+	2	2	R.WLVGGGALTPVNEAMTVGGTTLQSQR.A	32
PHEAT+4514	proteomics_heat	2842856	2842933	+	2	2	L.LLTHIDHGHAVGTGVARVEATDNQRR.I	30
PHEAT+4515	proteomics_heat	2846762	2846800	+	2	2	K.QSPAAECQDAPAQ.T	17
PHEAT+4516	proteomics_heat	2849560	2849643	+	1	2	R.LPLDDNGILFIENVGNLVCASFIDLGEK.H	32
PHEAT+4517	proteomics_heat	2849964	2850014	+	3	2	R.DVDLTLVGSCDENGQPR.V	21
PHEAT+4518	proteomics_heat	2852555	2852614	+	2	3	R.EKDTPIKYEDETVLAHGVPVR.S	24
PHEAT+4519	proteomics_heat	2855451	2855498	+	3	2	R.IVTPGTISDEALLQER.Q	20
PHEAT+4520	proteomics_heat	2856222	2856251	+	3	2	R.HAFQQLPELR.A	14
PHEAT+4521	proteomics_heat	2856426	2856461	+	3	2	R.ALADGATDYLER.L	16
PHEAT+4522	proteomics_heat	2856867	2856935	+	3	2	R.HPVVEQVLNEPFIANPLNLSQPR.R	27
PHEAT+4523	proteomics_heat	2914087	2914137	+	1	2	R.SANNLLAIINDVLDFSK.L	21
PHEAT+4524	proteomics_heat	2915740	2915811	+	1	2	R.SGTKEEDLEPELLELLDEMDNVAR.E	28
PHEAT+4525	proteomics_heat	2923373	2923420	+	2	6	M.SSYANHQALAGLTLGK.S	20
PHEAT+4526	proteomics_heat	2923721	2923747	+	2	6	R.DLSTCAQGK.I	13
PHEAT+4527	proteomics_heat	2923895	2923930	+	2	4	K.VVEETLVSHLLK.S	16
PHEAT+4528	proteomics_heat	2923931	2923987	+	2	3	K.SNCLITHQPDWGSLLQIYR.G	23
PHEAT+4529	proteomics_heat	2924549	2924593	+	2	2	K.LELINPPEEAFVDGR.I	19
PHEAT+4530	proteomics_heat	2924861	2924914	+	2	3	R.ELNICTGCGPGAMEAPMK.G	22
PHEAT+4531	proteomics_heat	2925119	2925163	+	2	3	E.ELLYLLGILMNPANK.D	19
PHEAT+4532	proteomics_heat	2925221	2925265	+	2	3	R.VLDEFVVHTLGENAR.R	19
PHEAT+4533	proteomics_heat	2925575	2925601	+	2	2	K.INGDKEIMR.R	13
PHEAT+4534	proteomics_heat	2925602	2925643	+	2	3	R.RMDDLQGFVAQHR.M	18
PHEAT+4535	proteomics_heat	2926251	2926286	+	3	2	-.METTQTSTIASK.D	16
PHEAT+4536	proteomics_heat	2929416	2929460	+	3	3	K.VTQAGHQATIVSTDK.G	19
PHEAT+4537	proteomics_heat	2936955	2937041	+	3	2	K.VLAEMGHGDEIIFSDAHFPAHSMGPQVIR.A	33
PHEAT+4538	proteomics_heat	2937294	2937317	+	3	2	K.YGNILLKK.G	12
PHEAT+4539	proteomics_heat	2937501	2937530	+	3	2	R.DLNELQTQGK.I	14
PHEAT+4540	proteomics_heat	2942627	2942668	+	2	2	R.NTFAPLTQWEDKYR.Q	18
PHEAT+4541	proteomics_heat	2942870	2942929	+	2	4	K.TAAELQAQSPLALFDELGLR.A	24
PHEAT+4542	proteomics_heat	2947279	2947305	+	1	4	R.KTELVEGFR.H	13
PHEAT+4543	proteomics_heat	2947726	2947752	+	1	3	R.RIDEDAIHR.Q	13
PHEAT+4544	proteomics_heat	2947876	2947962	+	1	2	K.MIGFCSSQGVTNDDGDIVSELPNEAQR.V	33
PHEAT+4545	proteomics_heat	2947963	2948010	+	1	2	R.VEAQEEKGDYNSGTVR.F	20
PHEAT+4546	proteomics_heat	2948056	2948112	+	1	3	R.CHLSYQEDGALLQELFSR.D	23
PHEAT+4547	proteomics_heat	2948164	2948235	+	1	12	R.ATINDIGGILELIRPLEQQGILVR.R	28
PHEAT+4548	proteomics_heat	2948239	2948289	+	1	4	R.SREQLEMEIDKFTIIQR.D	21
PHEAT+4549	proteomics_heat	2948245	2948289	+	1	4	R.EQLEMEIDKFTIIQR.D	19
PHEAT+4550	proteomics_heat	2948290	2948340	+	1	5	R.DNTTIACAALYPPFPEEK.I	21
PHEAT+4551	proteomics_heat	2948341	2948382	+	1	6	K.IGEMACVAVHPDYR.S	18
PHEAT+4552	proteomics_heat	2948497	2948538	+	1	2	R.GFTPVDIDLLPESK.K	18
PHEAT+4553	proteomics_heat	2960179	2960268	+	1	6	L.MCLLKALSLGISGNTRTNISQIKLAGSGK.S	34
PHEAT+4554	proteomics_heat	2969856	2969879	+	3	2	R.EKLIIASK.V	12
PHEAT+4555	proteomics_heat	2970048	2970125	+	3	7	K.LGYSWTD SAPAVSLLDLTDALAEYQR.A	30
PHEAT+4556	proteomics_heat	2970351	2970383	+	3	2	K.YLNGAKPAGAR.N	15

PHEAT+4557	proteomics_heat	2970468	2970509	+	3	6	R.HGLDPAQMALAFVR.R	18
PHEAT+4558	proteomics_heat	2970510	2970566	+	3	6	R.RQPFVASTLLGATTMDQLK.T	23
PHEAT+4559	proteomics_heat	2970510	2970593	+	3	2	R.RQPFVASTLLGATTMDQLKTNIESLHLE.L	32
PHEAT+4560	proteomics_heat	3010299	3010367	+	3	4	K.VEAAASFARSRAGREALITVLSK.A	27
PHEAT+4561	proteomics_heat	3016819	3016845	+	1	6	A.RTAPTSPLR.S	13
PHEAT+4562	proteomics_heat	3037937	3037999	+	2	7	K.IRDIIGPELVTLHNLKDDSPK.L	25
PHEAT+4563	proteomics_heat	3037937	3037984	+	2	5	K.IRDIIGPELVTLHNLK.D	20
PHEAT+4564	proteomics_heat	3038345	3038395	+	2	2	R.IQSWCEQILNEMAEHYA.-	21
PHEAT+4565	proteomics_heat	3039383	3039451	+	2	44	R.LPLTLMTLDDWALATITGADSEK.Y	27
PHEAT+4566	proteomics_heat	3039452	3039532	+	2	2	K.YMQGQVTADVSQLAEDQHLLAAHCDAK.G	31
PHEAT+4567	proteomics_heat	3039566	3039595	+	2	2	R.DGDGFAWIER.R	14
PHEAT+4568	proteomics_heat	3039599	3039634	+	2	2	R.SVREPQLTELKK.Y	16
PHEAT+4569	proteomics_heat	3039608	3039634	+	2	2	R.EPQTELK.K.Y	13
PHEAT+4570	proteomics_heat	3039653	3039679	+	2	2	K.VTIAPDDER.V	13
PHEAT+4571	proteomics_heat	3039680	3039712	+	2	3	R.VLLGVAGFQAR.A	15
PHEAT+4572	proteomics_heat	3039713	3039757	+	2	4	R.AALANLFSSELPKKEK.Q	19
PHEAT+4573	proteomics_heat	3039713	3039751	+	2	5	R.AALANLFSSELPK.E	17
PHEAT+4574	proteomics_heat	3039770	3039814	+	2	4	K.EGATLLWFEPHAER.F	19
PHEAT+4575	proteomics_heat	3039815	3039862	+	2	10	R.FLIVTDEATANMLTDK.L	20
PHEAT+4576	proteomics_heat	3040010	3040045	+	2	4	K.KGCYTGQEMVAR.A	16
PHEAT+4577	proteomics_heat	3040013	3040045	+	2	2	K.GCYTGQEMVAR.A	15
PHEAT+4578	proteomics_heat	3040073	3040105	+	2	4	R.ALWLLAGSASR.L	15
PHEAT+4579	proteomics_heat	3040106	3040138	+	2	2	R.LPEAGEDLELK.M	15
PHEAT+4580	proteomics_heat	3040187	3040255	+	2	3	K.LEDGQVVVQVMNNDMEPDSIFR.V	27
PHEAT+4581	proteomics_heat	3040256	3040312	+	2	2	R.VRDDANTLHIEPLPYSLEE.-	23
PHEAT+4582	proteomics_heat	3040262	3040312	+	2	2	R.DDANTLHIEPLPYSLEE.-	21
PHEAT+4583	proteomics_heat	3041714	3041770	+	2	5	K.DFLWGGAVAAHQVEGGWNK.G	23
PHEAT+4584	proteomics_heat	3041771	3041830	+	2	3	K.GGKGPSICDVLTTGGAHGVPR.E	24
PHEAT+4585	proteomics_heat	3041780	3041830	+	2	4	K.GPSICDVLTTGGAHGVPR.E	21
PHEAT+4586	proteomics_heat	3041861	3041917	+	2	5	K.YYPNHEAVDFYGHYKEDIK.L	23
PHEAT+4587	proteomics_heat	3041861	3041905	+	2	3	K.YYPNHEAVDFYGHYK.E	19
PHEAT+4588	proteomics_heat	3042053	3042139	+	2	2	K.YNIEPVITLSHFEMPLHLVQQYGSWTNRK.V	33
PHEAT+4589	proteomics_heat	3042053	3042136	+	2	3	K.YNIEPVITLSHFEMPLHLVQQYGSWTNR.K	32
PHEAT+4590	proteomics_heat	3042197	3042238	+	2	3	K.VKYWMTFNEINNQR.N	18
PHEAT+4591	proteomics_heat	3042395	3042478	+	2	4	K.VGCMLAMVPLYPSCNPDDVMFAQESMR.E	32
PHEAT+4592	proteomics_heat	3042485	3042511	+	2	2	R.YVFTDVQLR.G	13
PHEAT+4593	proteomics_heat	3042653	3042718	+	2	4	K.AEGGTGDAISGFEGSVPNPYVK.A	26
PHEAT+4594	proteomics_heat	3042719	3042760	+	2	3	K.ASDWGWQIDPVGLR.Y	18
PHEAT+4595	proteomics_heat	3042761	3042787	+	2	2	R.YALCELYER.Y	13
PHEAT+4596	proteomics_heat	3042890	3042913	+	2	2	R.AHIEEMKK.A	12
PHEAT+4597	proteomics_heat	3053706	3053744	+	3	7	R.DALNQAADDLNQR.L	17
PHEAT+4598	proteomics_heat	3053853	3053879	+	3	6	R.DYAASMEQR.I	13
PHEAT+4599	proteomics_heat	3053886	3053930	+	3	6	R.MLQQTIEQALLEQGR.I	19
PHEAT+4600	proteomics_heat	3057889	3057933	+	1	2	R.IKQLENMFGQPLLVR.T	19
PHEAT+4601	proteomics_heat	3057895	3057933	+	1	2	K.QLENMFGQPLLVR.T	17
PHEAT+4602	proteomics_heat	3057934	3057969	+	1	3	R.TVPPRPTEQGQK.L	16

PHEAT+4603	proteomics_heat	3058183	3058221	+	1	2	R.RGEVVGAVSIQHQ.A	17
PHEAT+4604	proteomics_heat	3058183	3058248	+	1	6	R.RGEVVGAVSIQHQALPSCLVDK.L	26
PHEAT+4605	proteomics_heat	3058249	3058299	+	1	3	K.LGALDYLFVSSKPFAEK.Y	21
PHEAT+4606	proteomics_heat	3058615	3058650	+	1	7	R.KVTDALLDYGHK.V	16
PHEAT+4607	proteomics_heat	3080073	3080111	+	3	3	K.TLSDQACQEMDSK.A	17
PHEAT+4608	proteomics_heat	3080151	3080210	+	3	2	R.LTTIANALGNNINGQPVNYK.V	24
PHEAT+4609	proteomics_heat	3080496	3080537	+	3	2	R.QEAEADDYSYDLLR.Q	18
PHEAT+4610	proteomics_heat	3080607	3080648	+	3	2	R.QSSMFDDHPASAER.A	18
PHEAT+4611	proteomics_heat	3084737	3084781	+	2	16	K.HLFTSESVSEGHDPK.I	19
PHEAT+4612	proteomics_heat	3084737	3084838	+	2	22	K.HLFTSESVSEGHDPKIADQISDAVLDAILEQDPK.A	38
PHEAT+4613	proteomics_heat	3084782	3084838	+	2	14	K.IADQISDAVLDAILEQDPK.A	23
PHEAT+4614	proteomics_heat	3084782	3084832	+	2	2	K.IADQISDAVLDAILEQD.P	21
PHEAT+4615	proteomics_heat	3084950	3085021	+	2	69	R.EIGYVHSDMGFDANSCAVLSAIGK.Q	28
PHEAT+4616	proteomics_heat	3085022	3085054	+	2	5	K.QSPDINQGVDR.A	15
PHEAT+4617	proteomics_heat	3085055	3085159	+	2	20	R.ADPLEQGAGDQGLMFGYATNETDVLMPAPITYAHR.L	39
PHEAT+4618	proteomics_heat	3085187	3085225	+	2	2	R.KNGTLPWLRPDAK.S	17
PHEAT+4619	proteomics_heat	3085190	3085225	+	2	3	K.NGTLPWLRPDAK.S	16
PHEAT+4620	proteomics_heat	3085226	3085258	+	2	2	K.SQVTFQYDDGK.I	15
PHEAT+4621	proteomics_heat	3085226	3085318	+	2	3	K.SQVTFQYDDGKIVGIDAVVLSTQHSSEIDQK.S	35
PHEAT+4622	proteomics_heat	3085259	3085318	+	2	31	K.IVGIDAVVLSTQHSSEIDQK.S	24
PHEAT+4623	proteomics_heat	3085319	3085393	+	2	92	K.SLQEAVMEEIIKPILPAEWLTSATK.F	29
PHEAT+4624	proteomics_heat	3085394	3085417	+	2	4	K.FFINPTGR.F	12
PHEAT+4625	proteomics_heat	3085418	3085462	+	2	9	R.FVIGGPMGDCGLTGR.K	19
PHEAT+4626	proteomics_heat	3085418	3085465	+	2	3	R.FVIGGPMGDCGLTGRK.I	20
PHEAT+4627	proteomics_heat	3085463	3085498	+	2	4	R.KIIVDTYGGMAR.H	16
PHEAT+4628	proteomics_heat	3085466	3085498	+	2	6	K.IIVDTYGGMAR.H	15
PHEAT+4629	proteomics_heat	3085499	3085546	+	2	5	R.HGGGAFSGKDPKVD.R.S	20
PHEAT+4630	proteomics_heat	3085580	3085609	+	2	7	K.NIVAAGLADR.C	14
PHEAT+4631	proteomics_heat	3085631	3085687	+	2	2	Y.AIGVAEPTSIMVETFGTEK.V	23
PHEAT+4632	proteomics_heat	3085688	3085720	+	2	14	K.VPSEQLTLLVR.E	15
PHEAT+4633	proteomics_heat	3085721	3085786	+	2	16	R.EFFDLRPYGLIQMLDLLHPIYK.E	26
PHEAT+4634	proteomics_heat	3085721	3085765	+	2	4	R.EFFDLRPYGLIQMLD.L	19
PHEAT+4635	proteomics_heat	3085745	3085786	+	2	3	Y.GLIQMLDLLHPIYK.E	18
PHEAT+4636	proteomics_heat	3085748	3085786	+	2	2	G.LIQMLDLLHPIYK.E	17
PHEAT+4637	proteomics_heat	3085787	3085816	+	2	7	K.ETAAYGHFGR.E	14
PHEAT+4638	proteomics_heat	3085838	3085861	+	2	3	K.TDKAQLLR.D	12
PHEAT+4639	proteomics_heat	3089351	3089419	+	2	2	K.VLEGQIDDRSPLHIHLGQVMSR.G	27
PHEAT+4640	proteomics_heat	3089351	3089377	+	2	2	K.VLEGQIDDR.E	13
PHEAT+4641	proteomics_heat	3089588	3089659	+	2	2	R.NRVPEIRPAMDLEAWCAEQDEGLK.L	28
PHEAT+4642	proteomics_heat	3089726	3089782	+	2	3	R.LLIGPEGGLSADEIAMTAR.Y	23
PHEAT+4643	proteomics_heat	3089906	3089950	+	2	2	I.KLGIVMDPIANINIK.K	19
PHEAT+4644	proteomics_heat	3089909	3089950	+	2	2	K.LGIVMDPIANINIK.K	18
PHEAT+4645	proteomics_heat	3090224	3090259	+	2	5	K.GTLIVNKPQSLR.D	16
PHEAT+4646	proteomics_heat	3090275	3090325	+	2	10	K.LFTAWFSDLTPETLVTR.N	21
PHEAT+4647	proteomics_heat	3090359	3090415	+	2	8	K.HSDIILKPLDGMGGASIFR.V	23
PHEAT+4648	proteomics_heat	3090377	3090415	+	2	2	L.KPLDGMGGASIFR.V	17

PHEAT+4649	proteomics_heat	3090416	3090478	+	2	6	R.VKEGDPNLGVIAETLTEHGTR.Y	25
PHEAT+4650	proteomics_heat	3090479	3090514	+	2	2	R.YCMAQNYLPAIK.D	16
PHEAT+4651	proteomics_heat	3090530	3090574	+	2	2	R.VLVVDGEPVPYCLAR.I	19
PHEAT+4652	proteomics_heat	3090734	3090772	+	2	2	R.LTEINVTSPTCIR.E	17
PHEAT+4653	proteomics_heat	3090773	3090835	+	2	36	R.EIEAEFPVSITGMLMDAIEAR.L	25
PHEAT+4654	proteomics_heat	3090959	3091018	+	2	3	T.MNLQHHFLIAMPALQDPIFR.R	24
PHEAT+4655	proteomics_heat	3091022	3091099	+	2	5	R.SVVYICEHNTNGAMGIIVNKPLENLK.I	30
PHEAT+4656	proteomics_heat	3091160	3091204	+	2	2	R.LDKPVMLGGPLAEDR.G	19
PHEAT+4657	proteomics_heat	3091205	3091252	+	2	3	R.GFILHTPPSNFASSIR.I	20
PHEAT+4658	proteomics_heat	3091286	3091363	+	2	3	R.DVLETGLTDKQPSDVLVALGYASWEK.G	30
PHEAT+4659	proteomics_heat	3091364	3091435	+	2	9	K.GQLEQEILDNAWLTAPADLNILFK.T	28
PHEAT+4660	proteomics_heat	3091472	3091519	+	2	2	K.LIGVDILTMPGVAGHA.-	20
PHEAT+4661	proteomics_heat	3093120	3093155	+	3	4	K.MNDIAHNLAQVR.D	16
PHEAT+4662	proteomics_heat	3093156	3093182	+	3	4	R.DKISAAATR.C	13
PHEAT+4663	proteomics_heat	3093228	3093275	+	3	6	K.TKPASAIAEAIDAGQR.Q	20
PHEAT+4664	proteomics_heat	3093276	3093314	+	3	2	R.QFGENYVQEGVDK.I	17
PHEAT+4665	proteomics_heat	3093321	3093386	+	3	10	R.HFQELGVTGLEWHFIGPLQSNK.S	26
PHEAT+4666	proteomics_heat	3093393	3093434	+	3	3	R.LVAEHFDWCHTIDR.L	18
PHEAT+4667	proteomics_heat	3093531	3093590	+	3	13	K.SGIQLAELDELAATAVAELPR.L	24
PHEAT+4668	proteomics_heat	3093663	3093692	+	3	2	R.QMAVAFAGLK.T	14
PHEAT+4669	proteomics_heat	3094712	3094741	+	2	3	K.VVLATGNVGK.V	14
PHEAT+4670	proteomics_heat	3094880	3094963	+	2	5	K.VTALPAIADDSGLAVDVLGGAPGIYSAR.Y	32
PHEAT+4671	proteomics_heat	3094964	3094993	+	2	2	R.YSGEDATDQK.N	14
PHEAT+4672	proteomics_heat	3095006	3095044	+	2	2	K.LLETMKDVPDDQR.Q	17
PHEAT+4673	proteomics_heat	3095081	3095140	+	2	3	R.HAEDPTPLVCHGSWPGVITR.E	24
PHEAT+4674	proteomics_heat	3095763	3095831	+	3	2	R.SFNLDLMHGLPDQSLEEALGDLR.Q	27
PHEAT+4675	proteomics_heat	3102124	3102150	+	1	2	R.TIFCTFLQR.E	13
PHEAT+4676	proteomics_heat	3102151	3102198	+	1	5	R.EAEGQDFQLYPGELGK.R	20
PHEAT+4677	proteomics_heat	3102202	3102222	+	1	2	R.IYNEISK.E	11
PHEAT+4678	proteomics_heat	3102304	3102348	+	1	17	R.KLLEQEMVNFLFEGK.E	19
PHEAT+4679	proteomics_heat	3102307	3102348	+	1	22	K.LLEQEMVNFLFEGK.E	18
PHEAT+4680	proteomics_heat	3102349	3102387	+	1	8	K.EVHIEGYTPEDKK.-	17
PHEAT+4681	proteomics_heat	3102656	3102679	+	2	4	K.YTDQYQTR.S	12
PHEAT+4682	proteomics_heat	3102680	3102754	+	2	2	R.SHINFDDGTITIETIAGTEPAHLR.R	29
PHEAT+4683	proteomics_heat	3127198	3127248	+	1	4	N.GSRKASINNSAITGPMR.L	21
PHEAT+4684	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4685	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4686	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4687	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4688	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4689	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4690	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4691	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4692	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4693	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18
PHEAT+4694	proteomics_heat	3128239	3128280	+	1	5	M.SHQLTFADSEFSSK.R	18

PHEAT+4695	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4696	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4697	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4698	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4699	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4700	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4701	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4702	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4703	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4704	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4705	proteomics_heat	3128317	3128376	+	1	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT+4706	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4707	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4708	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4709	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4710	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4711	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4712	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4713	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4714	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4715	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4716	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4717	proteomics_heat	3128392	3128421	+	1	2	R.RPYPLETMLR.I	14
PHEAT+4718	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4719	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4720	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4721	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4722	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4723	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4724	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4725	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4726	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4727	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4728	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4729	proteomics_heat	3128563	3128592	+	1	2	R.HLLEQHQLAR.Q	14
PHEAT+4730	proteomics_heat	3136752	3136778	+	3	4	M.TDNTYQPAK.V	13
PHEAT+4731	proteomics_heat	3136797	3136856	+	3	3	K.SAGGAFANINRPVSGPTHEK.T	24
PHEAT+4732	proteomics_heat	3136875	3136919	+	3	8	K.HPLQLYSLGTPNGQK.V	19
PHEAT+4733	proteomics_heat	3136992	3137048	+	3	5	R.IGDGDQFSSGFVEVNPNSK.I	23
PHEAT+4734	proteomics_heat	3137301	3137324	+	3	2	K.RLLDVLDK.Q	12
PHEAT+4735	proteomics_heat	3137529	3137564	+	3	3	R.TNGPLNEQLHER.H	16
PHEAT+4736	proteomics_heat	3137565	3137612	+	3	2	R.HDASDFETNTEDKRQG.-	20
PHEAT+4737	proteomics_heat	3137565	3137606	+	3	7	R.HDASDFETNTEDKR.Q	18
PHEAT+4738	proteomics_heat	3145991	3146056	+	2	2	R.LPALSGLWHNFGHVNALESQR.A	26
PHEAT+4739	proteomics_heat	3146534	3146617	+	2	2	K.SGLLDTLQNNVGCI AFTPLAQGLLTGK.Y	32
PHEAT+4740	proteomics_heat	3148098	3148148	+	3	2	K.QVAIPDIADLTSEQFQK.T	21

PHEAT+4741	proteomics_heat	3150270	3150302	+	3	6	K.KLDTQLVNAGR.S	15
PHEAT+4742	proteomics_heat	3150309	3150347	+	3	9	K.KYTLGAVNSVIQR.A	17
PHEAT+4743	proteomics_heat	3150312	3150347	+	3	3	K.YTLGAVNSVIQR.A	16
PHEAT+4744	proteomics_heat	3150630	3150683	+	3	6	K.LGVTTSWFDPLIGADIVK.H	22
PHEAT+4745	proteomics_heat	3150705	3150779	+	3	6	K.IVFLESPGSITMEVHDVPAIVA AVR.S	29
PHEAT+4746	proteomics_heat	3150888	3150941	+	3	7	K.YLVGHS DAMIGTAVCNAR.C	22
PHEAT+4747	proteomics_heat	3151074	3151112	+	3	4	K.VAEWLAEHPQVAR.V	17
PHEAT+4748	proteomics_heat	3151113	3151142	+	3	2	R.VNHPALPGSK.G	14
PHEAT+4749	proteomics_heat	3151164	3151205	+	3	2	R.DFTGSSGLFSFVLK.K	18
PHEAT+4750	proteomics_heat	3151344	3151436	+	3	2	G.EIDFSGTLIRLHIGLEDVDDLIADLDAGFAR.I	35
PHEAT+4751	proteomics_heat	3151374	3151436	+	3	13	R.LHIGLEDVDDLIADLDAGFAR.I	25
PHEAT+4752	proteomics_heat	3151858	3151929	+	1	2	R.WLGNTKTVKGWLAQLPAKYHQ RAT.C	28
PHEAT+4753	proteomics_heat	3153377	3153409	+	2	8	V.MNNFNLHTPTR.I	15
PHEAT+4754	proteomics_heat	3153470	3153502	+	2	4	R.VLITYGGGSVK.K	15
PHEAT+4755	proteomics_heat	3153503	3153541	+	2	5	K.KTGVL DQVLDALK.G	17
PHEAT+4756	proteomics_heat	3153506	3153541	+	2	3	K.TGVL DQVLDALK.G	16
PHEAT+4757	proteomics_heat	3153542	3153613	+	2	10	K.GMDVLEFGGIEPNPAYETLMNAVK.L	28
PHEAT+4758	proteomics_heat	3153632	3153682	+	2	2	K.VTFLAVGGGSVLDGTK.F	21
PHEAT+4759	proteomics_heat	3153683	3153751	+	2	9	K.FIAAAANYPENIDPWHILQTGGK.E	27
PHEAT+4760	proteomics_heat	3153761	3153838	+	2	8	K.SAIPMGCVLTLPATGSESNAGAVISR.K	30
PHEAT+4761	proteomics_heat	3153842	3153934	+	2	3	K.TTGDKQAFHSAHVQPVFAVLDPVYTYTLPPR.Q	35
PHEAT+4762	proteomics_heat	3153857	3153934	+	2	19	K.QAFHSAHVQPVFAVLDPVYTYTLPPR.Q	30
PHEAT+4763	proteomics_heat	3153872	3153934	+	2	3	S.AHVQPVFAVLDPVYTYTLPPR.Q	25
PHEAT+4764	proteomics_heat	3153935	3154009	+	2	16	R.QVANGVVDAFVHTVEQYVTKPVDAK.I	29
PHEAT+4765	proteomics_heat	3154022	3154066	+	2	28	R.FAEGILLTLIEDGPK.A	19
PHEAT+4766	proteomics_heat	3154067	3154099	+	2	12	K.ALKEPENYDVR.A	15
PHEAT+4767	proteomics_heat	3154307	3154369	+	2	7	R.VWNITEGSDDERIDAAIAATR.N	25
PHEAT+4768	proteomics_heat	3154343	3154369	+	2	2	R.IDAAIAATR.N	13
PHEAT+4769	proteomics_heat	3154370	3154450	+	2	12	R.NFFEQLGVPTHLSDYGLDGSSIPALLK.K	31
PHEAT+4770	proteomics_heat	3154370	3154453	+	2	2	R.NFFEQLGVPTHLSDYGLDGSSIPALLKK.L	32
PHEAT+4771	proteomics_heat	3154451	3154516	+	2	59	K.KLEEHGMTQLGENHDITLDVSR.R	26
PHEAT+4772	proteomics_heat	3154454	3154519	+	2	2	K.LEEHGMTQLGENHDITLDVSR.R	26
PHEAT+4773	proteomics_heat	3154454	3154516	+	2	2	K.LEEHGMTQLGENHDITLDVSR.R	25
PHEAT+4774	proteomics_heat	3154774	3154821	+	1	4	R.SIDTAAAYKNEEGVGK.A	20
PHEAT+4775	proteomics_heat	3154831	3154872	+	1	6	K.NASVNREELFITTK.L	18
PHEAT+4776	proteomics_heat	3154873	3154893	+	1	3	K.LWNDDHK.R	11
PHEAT+4777	proteomics_heat	3154903	3154929	+	1	2	R.EALLDSLKK.L	13
PHEAT+4778	proteomics_heat	3155086	3155154	+	1	5	R.LIDETGVTPVINQIELHPLMQQR.Q	27
PHEAT+4779	proteomics_heat	3155278	3155301	+	1	3	K.TPAQIVIR.W	12
PHEAT+4780	proteomics_heat	3155302	3155337	+	1	2	R.WHLDSGLVVIPK.S	16
PHEAT+4781	proteomics_heat	3170555	3170584	+	2	3	M.SNILIINGAK.K	14
PHEAT+4782	proteomics_heat	3170585	3170650	+	2	2	K.KFAHSNGQLNDTLTEVADGTLR.D	26
PHEAT+4783	proteomics_heat	3170588	3170650	+	2	3	K.FAHSNGQLNDTLTEVADGTLR.D	25
PHEAT+4784	proteomics_heat	3170681	3170704	+	2	3	R.ADSYDVK.A	12
PHEAT+4785	proteomics_heat	3170792	3170848	+	2	8	K.YIDDV FTEGHGTLYASDGR.T	23
PHEAT+4786	proteomics_heat	3170870	3170902	+	2	2	K.KYGSGGLVQ GK.K	15

PHEAT+4787	proteomics_heat	3170957	3171010	+	2	2	K.DQFFHGVGVDGVYLPFHK.A	22
PHEAT+4788	proteomics_heat	3171215	3171241	+	2	2	R.QAVLDQFAK.I	13
PHEAT+4789	proteomics_heat	3171410	3171457	+	2	8	K.AYSEAVKGDVLEMNIR.I	20
PHEAT+4790	proteomics_heat	3171431	3171457	+	2	2	K.GDVLEMNIR.I	13
PHEAT+4791	proteomics_heat	3176203	3176235	+	1	3	A.ENLMQVYQQR.L	15
PHEAT+4792	proteomics_heat	3176260	3176292	+	1	3	K.SAADRDAAFEK.I	15
PHEAT+4793	proteomics_heat	3176308	3176367	+	1	7	R.SPILLPQLGLGADYTYSNGYR.D	24
PHEAT+4794	proteomics_heat	3176368	3176442	+	1	14	R.DANGINSNATSASLQLTQSIFDMSK.W	29
PHEAT+4795	proteomics_heat	3176632	3176676	+	1	21	R.FNVGLVAITDVQNAR.A	19
PHEAT+4796	proteomics_heat	3176677	3176718	+	1	8	R.AQYDTVLANEVTAR.N	18
PHEAT+4797	proteomics_heat	3176719	3176751	+	1	5	R.NNLDNAVEQLR.Q	15
PHEAT+4798	proteomics_heat	3176752	3176808	+	1	11	R.QITGNYPPELAAALNVENFK.T	23
PHEAT+4799	proteomics_heat	3176809	3176844	+	1	5	K.TDKPQPVNALLK.E	16
PHEAT+4800	proteomics_heat	3176917	3176997	+	1	5	R.QAQDGHLPDLTASTGISDTSYSGSK.T	31
PHEAT+4801	proteomics_heat	3177004	3177051	+	1	13	R.GAAGTQYDDSNMGQNK.V	20
PHEAT+4802	proteomics_heat	3177052	3177111	+	1	6	K.VGLSFSLPYQGGMVNSQVK.Q	24
PHEAT+4803	proteomics_heat	3177067	3177111	+	1	3	F.SLPYQGGMVNSQVK.Q	19
PHEAT+4804	proteomics_heat	3177112	3177165	+	1	8	K.QAQYNFVGASEQLESAHR.S	22
PHEAT+4805	proteomics_heat	3177187	3177237	+	1	10	R.SSFNNINASSINAYK.Q	21
PHEAT+4806	proteomics_heat	3177304	3177351	+	1	22	R.TIVDVLDTTLYNAK.Q	20
PHEAT+4807	proteomics_heat	3177373	3177405	+	1	4	R.YNYLINQLNIK.S	15
PHEAT+4808	proteomics_heat	3177466	3177579	+	1	3	K.PVSTNPENVAPQTPEQNAIADGYAPDSPAPVVQQT SAR.T	42
PHEAT+4809	proteomics_heat	3177580	3177615	+	1	2	R.TTTSNGHNPFRN.-	16
PHEAT+4810	proteomics_heat	3177946	3177984	+	1	2	K.SAECTTAYNNALK.E	17
PHEAT+4811	proteomics_heat	3178165	3178215	+	1	4	R.LMGGGAGFAQQPLFSSK.N	21
PHEAT+4812	proteomics_heat	3178264	3178290	+	1	2	K.NYGAAQPGR.T	13
PHEAT+4813	proteomics_heat	3178309	3178353	+	1	3	K.TAMAPKPATTTTVTR.G	19
PHEAT+4814	proteomics_heat	3178560	3178625	+	3	4	K.LTLAQVEKLEEVTAELHQMCLK.V	26
PHEAT+4815	proteomics_heat	3178584	3178625	+	3	4	K.LEEVTAELHQMCLK.V	18
PHEAT+4816	proteomics_heat	3178704	3178742	+	3	4	R.QSWLTHQPSLYSR.L	17
PHEAT+4817	proteomics_heat	3179091	3179138	+	3	4	K.GQFTDLQDQVISNLFK.L	20
PHEAT+4818	proteomics_heat	3179745	3179798	+	3	37	T.TANNALALGSTITCHLHGR.G	22
PHEAT+4819	proteomics_heat	3183051	3183077	+	3	3	R.EKLALLEQR.I	13
PHEAT+4820	proteomics_heat	3195471	3195545	+	3	2	R.QTQIKLPPVDFPLTVSHRIHWAIME.E	29
PHEAT+4821	proteomics_heat	3199505	3199537	+	2	5	R.SRVPDLENQVK.T	15
PHEAT+4822	proteomics_heat	3199538	3199585	+	2	2	K.TLTDKLTNIDNTWNQR.T	20
PHEAT+4823	proteomics_heat	3199607	3199657	+	2	4	K.VAQSDSVINGLKEENQK.L	21
PHEAT+4824	proteomics_heat	3199658	3199687	+	2	5	K.LKNELIVAQK.K	14
PHEAT+4825	proteomics_heat	3200279	3200314	+	2	2	R.HVSPAFGEDPLR.V	16
PHEAT+4826	proteomics_heat	3200396	3200440	+	2	3	R.EMTHAGELEHLTPER.V	19
PHEAT+4827	proteomics_heat	3208818	3208856	+	3	2	K.VRENEPFDVALRR.F	17
PHEAT+4828	proteomics_heat	3208818	3208853	+	3	9	K.VRENEPFDVALR.R	16
PHEAT+4829	proteomics_heat	3208824	3208853	+	3	2	R.ENEFPDVALR.R	14
PHEAT+4830	proteomics_heat	3208878	3208901	+	3	4	K.AGVLAEVR.R	12
PHEAT+4831	proteomics_heat	3208908	3208937	+	3	8	R.EFYEKPTTER.K	14
PHEAT+4832	proteomics_heat	3208908	3208940	+	3	5	R.EFYEKPTTERK.R	15

PHEAT+4833	proteomics_heat	3210299	3210352	+	2	2	R.LSTLALPLISQVPGETLR.I	22
PHEAT+4834	proteomics_heat	3211069	3211098	+	1	2	L.MEQNPQSQLK.L	14
PHEAT+4835	proteomics_heat	3211378	3211407	+	1	2	R.EMGTVELLTR.E	14
PHEAT+4836	proteomics_heat	3211408	3211434	+	1	2	R.EGEIDIAGR.I	13
PHEAT+4837	proteomics_heat	3211408	3211431	+	1	2	R.EGEIDIAK.R	12
PHEAT+4838	proteomics_heat	3211432	3211518	+	1	7	K.RIEDGINQVQCSVAEYPEAITYLLEQYDR.V	33
PHEAT+4839	proteomics_heat	3211435	3211518	+	1	3	R.IEDGINQVQCSVAEYPEAITYLLEQYDR.V	32
PHEAT+4840	proteomics_heat	3211435	3211539	+	1	4	R.IEDGINQVQCSVAEYPEAITYLLEQYDRVEAEEAR.L	39
PHEAT+4841	proteomics_heat	3211666	3211722	+	1	2	E.DGDDDSADDDNSIDPELAR.E	23
PHEAT+4842	proteomics_heat	3211669	3211722	+	1	4	D.GDDDSADDDNSIDPELAR.E	22
PHEAT+4843	proteomics_heat	3211675	3211722	+	1	2	D.DDSADDDNSIDPELAR.E	20
PHEAT+4844	proteomics_heat	3211789	3211821	+	1	14	R.SHATAQEEILK.L	15
PHEAT+4845	proteomics_heat	3211861	3211890	+	1	3	K.QFDYLVNSMR.V	14
PHEAT+4846	proteomics_heat	3211936	3211956	+	1	2	K.LCVEQCK.M	11
PHEAT+4847	proteomics_heat	3211966	3212019	+	1	9	K.KNFITLFTGNETSDTWFN.A	22
PHEAT+4848	proteomics_heat	3212020	3212055	+	1	2	N.AAIAMNKPWSEK.L	16
PHEAT+4849	proteomics_heat	3212056	3212085	+	1	14	K.LHDVSEEVHR.A	14
PHEAT+4850	proteomics_heat	3212098	3212145	+	1	4	K.LQQIEETGLTIEQVK.D	20
PHEAT+4851	proteomics_heat	3212260	3212310	+	1	30	R.GLQFLDLIQEGNIGLMK.A	21
PHEAT+4852	proteomics_heat	3212311	3212334	+	1	5	K.AVDKFEYR.R	12
PHEAT+4853	proteomics_heat	3212422	3212454	+	1	7	R.IPVHMIETINK.L	15
PHEAT+4854	proteomics_heat	3212473	3212526	+	1	2	R.QMLQEMGREPTPEELER.M	22
PHEAT+4855	proteomics_heat	3212575	3212691	+	1	2	K.EPISMETPIGDDEDSHLDGDFIEDTTLELPLDSATTESLR.A	43
PHEAT+4856	proteomics_heat	3212575	3212622	+	1	2	K.EPISMETPIGDDEDSH.L	20
PHEAT+4857	proteomics_heat	3212692	3212730	+	1	9	R.AATHDVLAGLTAR.E	17
PHEAT+4858	proteomics_heat	3212755	3212802	+	1	7	R.FGIDMNTDYTLLEEVGK.Q	20
PHEAT+4859	proteomics_heat	3214969	3214992	+	1	2	R.FFGHGELR.L	12
PHEAT+4860	proteomics_heat	3215050	3215148	+	1	3	K.AIENLTQGNYPSPGVIYPTLDFLQEQLITIR.E	37
PHEAT+4861	proteomics_heat	3215335	3215373	+	1	5	R.VNQSDISDAQIKK.I	17
PHEAT+4862	proteomics_heat	3215371	3215394	+	1	2	K.KIIAVIDR.A	12
PHEAT+4863	proteomics_heat	3220256	3220315	+	2	2	R.GLNIPQDISLISVNDIPTAR.F	24
PHEAT+4864	proteomics_heat	3220346	3220396	+	2	3	R.IHSEMMGSQGVNLVYEK.A	21
PHEAT+4865	proteomics_heat	3235699	3235731	+	1	2	K.TACLPNFHLLR.Q	15
PHEAT+4866	proteomics_heat	3238695	3238730	+	3	3	R.RNPFPLVLLCLR.E	16
PHEAT+4867	proteomics_heat	3238761	3238805	+	3	4	R.SSAANIPVNMALCEK.L	19
PHEAT+4868	proteomics_heat	3239184	3239207	+	3	3	R.LANSALRN.-	12
PHEAT+4869	proteomics_heat	3244908	3244976	+	3	6	R.HQQAADNNMEFANYGPFELLQAR.Q	27
PHEAT+4870	proteomics_heat	3244977	3245027	+	3	2	R.QLIESNIAEFAATQVTK.Q	21
PHEAT+4871	proteomics_heat	3245232	3245273	+	3	2	R.TVDNWCDHDQILK.A	18
PHEAT+4872	proteomics_heat	3245391	3245447	+	3	4	R.YLFAENPVVHLDTATSGSK.-	23
PHEAT+4873	proteomics_heat	3247442	3247489	+	2	11	K.SLSDTLEEVLSSSGEK.S	20
PHEAT+4874	proteomics_heat	3247550	3247585	+	2	3	R.YRLGETGDIAIK.Q	16
PHEAT+4875	proteomics_heat	3247556	3247585	+	2	6	R.LGETGDIAIK.Q	14
PHEAT+4876	proteomics_heat	3249049	3249096	+	1	2	M.GQLIDGVWHDTWYDTK.S	20
PHEAT+4877	proteomics_heat	3249466	3249507	+	1	5	K.NHTIVSNESAIIIR.M	18
PHEAT+4878	proteomics_heat	3249634	3249681	+	1	2	K.AGFATSQEAYDEAVAK.V	20

PHEAT+4879	proteomics_heat	3266239	3266304	+	1	2	A.VNKKELECIKETISKYCAKFTR.K	26
PHEAT+4880	proteomics_heat	3275126	3275191	+	2	2	K.LKPGQDSIHYEILPGGQVFMCR.L	26
PHEAT+4881	proteomics_heat	3283584	3283649	+	3	2	R.MQAGGFTWAMPLILKKIYKDDK.P	26
PHEAT+4882	proteomics_heat	3291794	3291832	+	2	2	K.ITPADLEQNQQAR.Y	17
PHEAT+4883	proteomics_heat	3292139	3292168	+	2	2	K.MLPTQLVNVK.A	14
PHEAT+4884	proteomics_heat	3292499	3292588	+	2	7	K.IYDTSSQPLSQILSQVQQDGASIVVGPLLK.N	34
PHEAT+4885	proteomics_heat	3292589	3292669	+	2	10	K.NNVEELLKSNTPLNVLALNQPENIENR.V	31
PHEAT+4886	proteomics_heat	3292613	3292669	+	2	2	K.SNTPLNVLALNQPENIENR.V	23
PHEAT+4887	proteomics_heat	3292826	3292855	+	2	4	K.LGGGTVLQQK.F	14
PHEAT+4888	proteomics_heat	3292880	3292936	+	2	4	R.AGVNGGSGIALTGSPITLR.A	23
PHEAT+4889	proteomics_heat	3292937	3293023	+	2	6	R.ATTDGSMTTNNPTLQTTPTDDQFTNNGGR.V	33
PHEAT+4890	proteomics_heat	3293336	3293407	+	2	3	R.QVQGFINGNTGSLTANPDCVINR.N	28
PHEAT+4891	proteomics_heat	3294029	3294109	+	2	3	R.FETERPSLPAIALNTDNVVLTAIANDR.L	31
PHEAT+4892	proteomics_heat	3294110	3294133	+	2	2	R.LHDEVYAK.Q	12
PHEAT+4893	proteomics_heat	3294548	3294589	+	2	2	R.SVGTQVDDGTLEVR.V	18
PHEAT+4894	proteomics_heat	3294590	3294628	+	2	3	R.VNSALSKDEQIKK.E	17
PHEAT+4895	proteomics_heat	3294665	3294709	+	2	2	K.VLLVGQSPNAELSAR.A	19
PHEAT+4896	proteomics_heat	3294716	3294766	+	2	3	K.QIAMGVDGANEVYNEIR.Q	21
PHEAT+4897	proteomics_heat	3294875	3294925	+	2	5	K.VTTENGEVFLMGLVTER.E	21
PHEAT+4898	proteomics_heat	3302370	3302426	+	3	2	R.ETDADEIMVNGQIFDHQAR.L	23
PHEAT+4899	proteomics_heat	3316698	3316754	+	3	22	R.IGIAFSGGLDTSALLWMR.Q	23
PHEAT+4900	proteomics_heat	3316755	3316832	+	3	4	R.QKGAVPYAYTANLQGPDEEDYDAIPR.R	30
PHEAT+4901	proteomics_heat	3316761	3316832	+	3	18	K.GAVPYAYTANLQGPDEEDYDAIPR.R	28
PHEAT+4902	proteomics_heat	3316776	3316832	+	3	4	Y.AYTANLQGPDEEDYDAIPR.R	23
PHEAT+4903	proteomics_heat	3316800	3316832	+	3	3	Q.PDEEDYDAIPR.R	15
PHEAT+4904	proteomics_heat	3316833	3316865	+	3	15	R.RAMEYGAENAR.L	15
PHEAT+4905	proteomics_heat	3316836	3316865	+	3	5	R.AMEYGAENAR.L	14
PHEAT+4906	proteomics_heat	3316881	3316979	+	3	27	R.KQLVAEGIAAIQCGAFHNTTGGLTYFNTPPLGR.A	37
PHEAT+4907	proteomics_heat	3316881	3316931	+	3	6	R.KQLVAEGIAAIQCGAFH.N	21
PHEAT+4908	proteomics_heat	3316884	3316979	+	3	26	K.QLVAEGIAAIQCGAFHNTTGGLTYFNTPPLGR.A	36
PHEAT+4909	proteomics_heat	3316932	3316979	+	3	2	H.NTTGGLTYFNTPPLGR.A	20
PHEAT+4910	proteomics_heat	3316980	3317015	+	3	6	R.AVTGTMVAAMK.E	16
PHEAT+4911	proteomics_heat	3316980	3317057	+	3	25	R.AVTGTMVAAMKEDGVNIWGDGSTYK.G	30
PHEAT+4912	proteomics_heat	3317016	3317057	+	3	7	K.EDGVNIWGDGSTYK.G	18
PHEAT+4913	proteomics_heat	3317085	3317165	+	3	102	R.YGLLTNAELQIYKPWLDTDFIDELGGR.H	31
PHEAT+4914	proteomics_heat	3317166	3317210	+	3	43	R.HEMSEFMIAACGFDYK.M	19
PHEAT+4915	proteomics_heat	3317226	3317273	+	3	12	K.AYSTDSNMLGATHEAK.D	20
PHEAT+4916	proteomics_heat	3317226	3317303	+	3	4	K.AYSTDSNMLGATHEAKDLEYLNSSVK.I	30
PHEAT+4917	proteomics_heat	3317274	3317303	+	3	15	K.DLEYLNSSVK.I	14
PHEAT+4918	proteomics_heat	3317304	3317330	+	3	6	K.IVNPIMGVK.F	13
PHEAT+4919	proteomics_heat	3317331	3317378	+	3	14	K.FWDESVKIPAEVTVR.F	20
PHEAT+4920	proteomics_heat	3317331	3317351	+	3	2	K.FWDESVK.I	11
PHEAT+4921	proteomics_heat	3317352	3317378	+	3	7	K.IPAEEVTVR.F	13
PHEAT+4922	proteomics_heat	3317379	3317414	+	3	26	R.FEQGHPVALNGK.T	16
PHEAT+4923	proteomics_heat	3317415	3317456	+	3	13	K.TFSDDVEMMLEANR.I	18
PHEAT+4924	proteomics_heat	3317469	3317504	+	3	18	R.HGLGMSDQIENR.I	16

PHEAT+4925	proteomics_heat	3317502	3317576	+	3	9	N.RIIEAKSRGIYEAPGMALLHIAYER.L	29
PHEAT+4926	proteomics_heat	3317526	3317576	+	3	30	R.GIYEAPGMALLHIAYER.L	21
PHEAT+4927	proteomics_heat	3317577	3317633	+	3	3	R.LLTGIHNEDTIEQYHAHGR.Q	23
PHEAT+4928	proteomics_heat	3317577	3317621	+	3	2	R.LLTGIHNEDTIEQYH.A	19
PHEAT+4929	proteomics_heat	3317577	3317627	+	3	2	R.LLTGIHNEDTIEQYHAH.G	21
PHEAT+4930	proteomics_heat	3317664	3317693	+	3	5	R.WFDSQALMLR.D	14
PHEAT+4931	proteomics_heat	3317709	3317753	+	3	98	R.WVASQITGEVTLLELR.R	19
PHEAT+4932	proteomics_heat	3317727	3317816	+	3	6	I.TGEVTLLELRGNDYSILNTVSENLYTKPER.L	34
PHEAT+4933	proteomics_heat	3317754	3317816	+	3	45	R.RGNDYSILNTVSENLYTKPER.L	25
PHEAT+4934	proteomics_heat	3317757	3317816	+	3	18	R.GNDYSILNTVSENLYTKPER.L	24
PHEAT+4935	proteomics_heat	3317817	3317861	+	3	4	R.LTMEKGDVSVFSPDDR.I	19
PHEAT+4936	proteomics_heat	3317832	3317861	+	3	4	K.GDSVFSPPDDR.I	14
PHEAT+4937	proteomics_heat	3317883	3317906	+	3	8	R.NLDITDTR.E	12
PHEAT+4938	proteomics_heat	3317907	3317930	+	3	4	R.EKLFGYAK.T	12
PHEAT+4939	proteomics_heat	3317931	3317999	+	3	12	K.TGLSSSAASGVPQVENLENKGQ.-	27
PHEAT+4940	proteomics_heat	3317931	3317993	+	3	11	K.TGLSSSAASGVPQVENLENK.G	25
PHEAT+4941	proteomics_heat	3326016	3326051	+	3	2	R.ETGACNVQVIGK.T	16
PHEAT+4942	proteomics_heat	3327045	3327110	+	3	2	A.ANVDEYITQLPAGANLALMVQK.V	26
PHEAT+4943	proteomics_heat	3328191	3328223	+	3	5	R.AGLHQAGVDGK.V	15
PHEAT+4944	proteomics_heat	3328236	3328298	+	3	4	K.TGSLQGVYNLAGFITTASGQR.M	25
PHEAT+4945	proteomics_heat	3331807	3331866	+	1	2	L.NSDVQLINQLGYIVSGGGK.R	24
PHEAT+4946	proteomics_heat	3332086	3332121	+	1	2	R.AFQMMTSLGSLK.V	16
PHEAT+4947	proteomics_heat	3332251	3332334	+	1	3	R.LFEAAAQCSGILAGCTPEEEKGLQDYGR.Y	32
PHEAT+4948	proteomics_heat	3332335	3332406	+	1	9	R.YLGTAFLIDDLLDYNADGEQLGK.N	28
PHEAT+4949	proteomics_heat	3332407	3332499	+	1	2	K.NVGDDLNEGKPTLPLHAMHHGTPEQAQMIR.T	35
PHEAT+4950	proteomics_heat	3332527	3332586	+	1	5	R.HLLEPVLEAMNACGSLEWTR.Q	24
PHEAT+4951	proteomics_heat	3332587	3332655	+	1	3	R.QRAEEEEADKAIALQVLPDTPWR.E	27
PHEAT+4952	proteomics_heat	3333566	3333628	+	2	5	F.CHQVQQRELGLHIGRECRMRR.G	25
PHEAT+4953	proteomics_heat	3339291	3339338	+	3	5	M.SHVELQPGFDFQAGK.E	20
PHEAT+4954	proteomics_heat	3339651	3339689	+	3	3	R.LHVPLICITGRPE.S	17
PHEAT+4955	proteomics_heat	3339705	3339731	+	3	5	R.AADVHLCVK.V	13
PHEAT+4956	proteomics_heat	3339741	3339827	+	3	17	K.EACPLGLAPTSSTTATLVMGDALAVALLK.A	33
PHEAT+4957	proteomics_heat	3339834	3339887	+	3	6	R.GFTAEDFALSHPGGALGR.K	22
PHEAT+4958	proteomics_heat	3339903	3339947	+	3	6	R.VNDIMHTGDEIPHVK.K	19
PHEAT+4959	proteomics_heat	3339966	3339989	+	3	2	R.DALLEVTR.K	12
PHEAT+4960	proteomics_heat	3340137	3340187	+	3	16	R.VRPGILAVEALNMQSR.H	21
PHEAT+4961	proteomics_heat	3340939	3340986	+	1	2	K.DDTAQVVVNNNDPTYK.S	20
PHEAT+4962	proteomics_heat	3340987	3341040	+	1	2	K.SEHTDTLVYNPEGALSYR.L	22
PHEAT+4963	proteomics_heat	3341600	3341650	+	2	6	K.INADKVVVTRPGGEQGK.E	21
PHEAT+4964	proteomics_heat	3341615	3341650	+	2	3	K.VVVTRPGGEQGK.E	16
PHEAT+4965	proteomics_heat	3341876	3341917	+	2	2	K.RVTTVLVPSQLQDK.N	18
PHEAT+4966	proteomics_heat	3342131	3342190	+	2	3	R.DAGNIIIDDDDISLLPLHAR.A	24
PHEAT+4967	proteomics_heat	3342197	3342238	+	2	3	R.RGIGYLPQEASIFR.R	18
PHEAT+4968	proteomics_heat	3342284	3342307	+	2	2	R.DDLSAEQR.E	12
PHEAT+4969	proteomics_heat	3342317	3342358	+	2	7	R.ANELMEEFHIEHLR.D	18
PHEAT+4970	proteomics_heat	3342359	3342394	+	2	7	R.DSMQSLSGGER.R	16

PHEAT+4971	proteomics_heat	3342437	3342496	+	2	7	K.FILLDEPFAGVDPISVIDIK.R	24
PHEAT+4972	proteomics_heat	3342437	3342499	+	2	3	K.FILLDEPFAGVDPISVIDIKR.I	25
PHEAT+4973	proteomics_heat	3342584	3342661	+	2	5	R.AYIVSQGHILAHGTPTEILQDEHVKR.V	30
PHEAT+4974	proteomics_heat	3342584	3342658	+	2	4	R.AYIVSQGHILAHGTPTEILQDEHVK.R	29
PHEAT+4975	proteomics_heat	3342611	3342661	+	2	2	L.IAHGTPTEILQDEHVKR.V	21
PHEAT+4976	proteomics_heat	3342763	3342810	+	1	2	R.LSQQLAMTPQLQQAIR.L	20
PHEAT+4977	proteomics_heat	3342916	3342966	+	1	3	R.ETQDSETLDTADALEQK.E	21
PHEAT+4978	proteomics_heat	3343390	3343437	+	1	4	R.LIISDHLDLLANHDFR.T	20
PHEAT+4979	proteomics_heat	3343627	3343671	+	1	3	R.LQINQHYASMCNNAR.N	19
PHEAT+4980	proteomics_heat	3344017	3344061	+	1	2	K.LIAAENPAKPLSDSK.L	19
PHEAT+4981	proteomics_heat	3344195	3344245	+	2	10	T.MQLNITGNNVEITEALR.E	21
PHEAT+4982	proteomics_heat	3344723	3344770	+	2	5	K.QLSLPPQVVFEAILTR.E	20
PHEAT+4983	proteomics_heat	3344777	3344824	+	2	3	K.MGSTGIGNGIAIPHGK.L	20
PHEAT+4984	proteomics_heat	3345194	3345262	+	2	3	R.ALEDMGFYCVDNLPVLLPDLAR.T	27
PHEAT+4985	proteomics_heat	3345311	3345403	+	2	5	R.NMPESPEIFEQAMSNLPDAFSPQLLFLDADR.N	35
PHEAT+4986	proteomics_heat	3345461	3345517	+	2	3	K.NLSLESIAIDKESDLLEPLR.S	23
PHEAT+4987	proteomics_heat	3345524	3345583	+	2	7	R.ADLIVDTSEMSVHELAEMLR.T	24
PHEAT+4988	proteomics_heat	3345605	3345646	+	2	2	R.ERELTMVFESFGFK.H	18
PHEAT+4989	proteomics_heat	3345647	3345688	+	2	5	K.HGIPIDADYVFDVR.F	18
PHEAT+4990	proteomics_heat	3345719	3345769	+	2	3	K.LRPMTGLDKPVA AFLDR.H	21
PHEAT+4991	proteomics_heat	3345770	3345805	+	2	2	R.HTEVHNFIYQTR.S	16
PHEAT+4992	proteomics_heat	3345806	3345850	+	2	2	R.SYLELWLPMLETNNR.S	19
PHEAT+4993	proteomics_heat	3346894	3346974	+	1	3	R.ISESEVIPVCDNIGESTLIPLATWSK.W	31
PHEAT+4994	proteomics_heat	3352780	3352827	+	1	8	N.CGFGLIAHIEGEP SHK.V	20
PHEAT+4995	proteomics_heat	3352897	3352938	+	1	10	K.TGDGCGLLQKPDR.F	18
PHEAT+4996	proteomics_heat	3352984	3353043	+	1	17	K.NYAVGMLFLNKPELAAAAR.R	24
PHEAT+4997	proteomics_heat	3353017	3353043	+	1	5	K.DPELAAAAR.R	13
PHEAT+4998	proteomics_heat	3353044	3353070	+	1	11	R.RIVEEELQR.E	13
PHEAT+4999	proteomics_heat	3353047	3353070	+	1	3	R.IVEEELQR.E	12
PHEAT+5000	proteomics_heat	3353071	3353097	+	1	5	R.ETLSIVGWR.D	13
PHEAT+5001	proteomics_heat	3353098	3353154	+	1	17	R.DVPTNEGVLGEIALSSLPR.I	23
PHEAT+5002	proteomics_heat	3353245	3353307	+	1	30	K.RLEADKDFYVCSLSNLVNIYK.G	25
PHEAT+5003	proteomics_heat	3353248	3353307	+	1	28	R.LEADKDFYVCSLSNLVNIYK.G	24
PHEAT+5004	proteomics_heat	3353338	3353364	+	1	4	R.FYLDLADLR.L	13
PHEAT+5005	proteomics_heat	3353365	3353397	+	1	11	R.LESAICLFHQR.F	15
PHEAT+5006	proteomics_heat	3353398	3353421	+	1	5	R.FSTNTVPR.W	12
PHEAT+5007	proteomics_heat	3353446	3353490	+	1	28	R.YLAHNGEINTITG NR.Q	19
PHEAT+5008	proteomics_heat	3353653	3353706	+	1	17	R.LLVPPAWQNNPDMPELR.A	22
PHEAT+5009	proteomics_heat	3353707	3353781	+	1	16	R.AFFDFNSMHMEPWDG PAGIVMSDGR.F	29
PHEAT+5010	proteomics_heat	3353842	3353910	+	1	10	K.DKLITCASEVGIWDYQPDEVVEK.G	27
PHEAT+5011	proteomics_heat	3353848	3353910	+	1	6	K.LITCASEVGIWDYQPDEVVEK.G	25
PHEAT+5012	proteomics_heat	3353917	3353952	+	1	8	R.VGPGELMVIDTR.S	16
PHEAT+5013	proteomics_heat	3353962	3354003	+	1	16	R.ILHSAETDDDLKSR.H	18
PHEAT+5014	proteomics_heat	3353962	3353997	+	1	15	R.ILHSAETDDDLK.S	16
PHEAT+5015	proteomics_heat	3354040	3354087	+	1	9	R.RLVPFEDLPDEEVGSR.E	20
PHEAT+5016	proteomics_heat	3354043	3354087	+	1	10	R.LVPFEDLPDEEVGSR.E	19

PHEAT+5017	proteomics_heat	3354088	3354123	+	1	13	R.ELDDDTLASYQK.Q	16
PHEAT+5018	proteomics_heat	3354124	3354165	+	1	5	K.QFNYSAEELDSVIR.V	18
PHEAT+5019	proteomics_heat	3354130	3354246	+	1	3	F.NYSAEELDSVIRVLGENGQEAVGSMGDDTPFAVLSSQPR.I	43
PHEAT+5020	proteomics_heat	3354166	3354246	+	1	14	R.VLGENGQEAVGSMGDDTPFAVLSSQPR.I	31
PHEAT+5021	proteomics_heat	3354247	3354267	+	1	4	R.IIYDYFR.Q	11
PHEAT+5022	proteomics_heat	3354268	3354351	+	1	2	R.QQFAQVTNPPIDPLREAHVMSLATSIGR.E	32
PHEAT+5023	proteomics_heat	3354268	3354312	+	1	8	R.QQFAQVTNPPIDPLR.E	19
PHEAT+5024	proteomics_heat	3354313	3354351	+	1	10	R.EAHVMSLATSIGR.E	17
PHEAT+5025	proteomics_heat	3354352	3354393	+	1	11	R.EMNVFCEAEGQHR.L	18
PHEAT+5026	proteomics_heat	3354406	3354435	+	1	5	K.SPILLYSDFK.Q	14
PHEAT+5027	proteomics_heat	3354469	3354504	+	1	3	R.ADTLDITFDVTK.T	16
PHEAT+5028	proteomics_heat	3354562	3354594	+	1	8	R.SGTVLLVLSDR.N	15
PHEAT+5029	proteomics_heat	3354607	3354657	+	1	9	K.DRLPVPAPMAVGAIQTR.L	21
PHEAT+5030	proteomics_heat	3354613	3354657	+	1	2	R.LPVPAPMAVGAIQTR.L	19
PHEAT+5031	proteomics_heat	3354679	3354717	+	1	4	R.CDANIIVETASAR.D	17
PHEAT+5032	proteomics_heat	3354718	3354798	+	1	4	R.DPHHFVLLGFGATAIYPYLAYETLGR.L	31
PHEAT+5033	proteomics_heat	3354799	3354825	+	1	7	R.LVDTHAIAK.D	13
PHEAT+5034	proteomics_heat	3354802	3354825	+	1	2	L.VDTHAIAK.D	12
PHEAT+5035	proteomics_heat	3354895	3354924	+	1	5	K.MGISTIASYR.C	14
PHEAT+5036	proteomics_heat	3354934	3354999	+	1	15	K.LFEAVGLHDDVVGLCFQGAVSR.I	26
PHEAT+5037	proteomics_heat	3354997	3355053	+	1	8	S.RIGGASFEDFQQDLLNLSK.R	23
PHEAT+5038	proteomics_heat	3355000	3355056	+	1	3	R.IGGASFEDFQQDLLNLSKR.A	23
PHEAT+5039	proteomics_heat	3355000	3355053	+	1	32	R.IGGASFEDFQQDLLNLSK.R	22
PHEAT+5040	proteomics_heat	3355072	3355101	+	1	3	R.KPISQGGLL.K.Y	14
PHEAT+5041	proteomics_heat	3355072	3355095	+	1	2	R.KPISQGGL.L	12
PHEAT+5042	proteomics_heat	3355102	3355149	+	1	7	K.YVHGGEYHAYNPDVVR.T	20
PHEAT+5043	proteomics_heat	3355102	3355125	+	1	3	K.YVHGGEYH.A	12
PHEAT+5044	proteomics_heat	3355150	3355206	+	1	4	R.TLQQAVQSGEYSYQYAK.L	23
PHEAT+5045	proteomics_heat	3355240	3355314	+	1	136	R.DLLAITPGENAVNIADVEPASELFK.R	29
PHEAT+5046	proteomics_heat	3355240	3355317	+	1	3	R.DLLAITPGENAVNIADVEPASELFKR.F	30
PHEAT+5047	proteomics_heat	3355253	3355297	+	2	9	Q.LRRVKTRSTLLMLNR.Q	19
PHEAT+5048	proteomics_heat	3355255	3355314	+	1	4	I.TPGENAVNIADVEPASELFK.R	24
PHEAT+5049	proteomics_heat	3355258	3355314	+	1	3	T.PGENAVNIADVEPASELFK.R	23
PHEAT+5050	proteomics_heat	3355315	3355440	+	1	3	K.RFDTAAMSIGALSPEAHEALAEAMNSIGGNSNSGEGGEDPAR.Y	46
PHEAT+5051	proteomics_heat	3355318	3355440	+	1	5	R.FDTAAMSIGALSPEAHEALAEAMNSIGGNSNSGEGGEDPAR.Y	45
PHEAT+5052	proteomics_heat	3355489	3355539	+	1	48	R.FGVTPAYLVNADVIQIK.V	21
PHEAT+5053	proteomics_heat	3355540	3355611	+	1	9	K.VAQGAKPGEQQLPQDKVTPYIAK.L	28
PHEAT+5054	proteomics_heat	3355540	3355590	+	1	15	K.VAQGAKPGEQQLPQDK.V	21
PHEAT+5055	proteomics_heat	3355540	3355602	+	1	3	K.VAQGAKPGEQQLPQDKVTPY.I	25
PHEAT+5056	proteomics_heat	3355558	3355611	+	1	2	K.PGEGGQLPQDKVTPYIAK.L	22
PHEAT+5057	proteomics_heat	3355618	3355710	+	1	49	R.YSVPVGTLSPPPHHDIYSIEDLAQLIFDLK.Q	35
PHEAT+5058	proteomics_heat	3355744	3355791	+	1	11	K.LVSEPGVGTIATGVAK.A	20
PHEAT+5059	proteomics_heat	3355792	3355863	+	1	12	K.AYADLITIAGYDGGTGASPLSSVK.Y	28
PHEAT+5060	proteomics_heat	3355864	3355932	+	1	36	K.YAGCPWELGLVETQQALVANGLR.H	27
PHEAT+5061	proteomics_heat	3355945	3355968	+	1	4	R.LQVDGGLK.T	12
PHEAT+5062	proteomics_heat	3355990	3356055	+	1	19	K.AAILGAESFGFGTGPMVALGCK.Y	26

PHEAT+5063	proteomics_heat	3356065	3356121	+	1	19	R.ICHLNNCATGVATQDDKLR.K	23
PHEAT+5064	proteomics_heat	3356065	3356124	+	1	2	R.ICHLNNCATGVATQDDKLRK.N	24
PHEAT+5065	proteomics_heat	3356065	3356148	+	1	2	R.ICHLNNCATGVATQDDKLRKNHYHGLPF.K	32
PHEAT+5066	proteomics_heat	3356065	3356115	+	1	18	R.ICHLNNCATGVATQDDK.L	21
PHEAT+5067	proteomics_heat	3356152	3356181	+	1	5	K.VTNYFEFIAR.E	14
PHEAT+5068	proteomics_heat	3356191	3356220	+	1	2	R.ELMAQLGVTR.L	14
PHEAT+5069	proteomics_heat	3356242	3356280	+	1	3	R.TDLLKELDGFTAK.Q	17
PHEAT+5070	proteomics_heat	3356305	3356337	+	1	13	K.LLETAEPHPGK.A	15
PHEAT+5071	proteomics_heat	3356338	3356430	+	1	7	K.ALYCTENPPFDNGLLNAQLLQQAQKPFVDER.Q	35
PHEAT+5072	proteomics_heat	3356338	3356412	+	1	5	K.ALYCTENPPFDNGLLNAQLLQQAQ.P	29
PHEAT+5073	proteomics_heat	3356440	3356460	+	1	3	K.TFWFDIR.N	11
PHEAT+5074	proteomics_heat	3356473	3356547	+	1	14	R.SVGASLSGYIAQTHGDQGLAADPIK.A	29
PHEAT+5075	proteomics_heat	3356500	3356547	+	1	3	Y.IAQTHGDQGLAADPIK.A	20
PHEAT+5076	proteomics_heat	3356548	3356646	+	1	35	K.AYFNGTAGQSFVWVWAGGVELYLTGDANDYVVGK.G	37
PHEAT+5077	proteomics_heat	3356647	3356688	+	1	8	K.GMAGGLIAIRPPVG.S	18
PHEAT+5078	proteomics_heat	3356647	3356700	+	1	8	K.GMAGGLIAIRPPVGSFR.S	22
PHEAT+5079	proteomics_heat	3356701	3356757	+	1	52	R.SHEASTIIGNTCLYGATGGR.L	23
PHEAT+5080	proteomics_heat	3356887	3356958	+	1	96	K.TGVNFGAGMTGGFAYVLDESDFR.K	28
PHEAT+5081	proteomics_heat	3356962	3357030	+	1	2	K.RVNPELVEVLSVDALAIHEEHLR.G	27
PHEAT+5082	proteomics_heat	3356965	3357030	+	1	18	R.VNPELVEVLSVDALAIHEEHLR.G	26
PHEAT+5083	proteomics_heat	3357031	3357072	+	1	5	R.GLITEHVQHTGSQR.G	18
PHEAT+5084	proteomics_heat	3357073	3357114	+	1	9	R.GEEILANWSTFATK.F	18
PHEAT+5085	proteomics_heat	3357223	3357258	+	1	13	M.SQNVYQFIDLQR.V	16
PHEAT+5086	proteomics_heat	3357292	3357342	+	1	28	R.KIEFVEIYEPFSEGQAK.A	21
PHEAT+5087	proteomics_heat	3357295	3357342	+	1	6	K.IEFVEIYEPFSEGQAK.A	20
PHEAT+5088	proteomics_heat	3357358	3357393	+	1	4	R.CLSCGNPYCEWK.C	16
PHEAT+5089	proteomics_heat	3357394	3357429	+	1	7	K.CPVHNYIPNWLK.L	16
PHEAT+5090	proteomics_heat	3357448	3357507	+	1	11	R.IFEAAELSHQTNTLPEVCGR.V	24
PHEAT+5091	proteomics_heat	3357526	3357591	+	1	7	R.LCEGSCTLNDEFGAVTIGNIER.Y	26
PHEAT+5092	proteomics_heat	3357607	3357648	+	1	4	K.AFEMGWRPDMMSGVK.Q	18
PHEAT+5093	proteomics_heat	3357661	3357720	+	1	4	K.KVAIIGAGPAGLACADVLTR.N	24
PHEAT+5094	proteomics_heat	3357664	3357720	+	1	13	R.VAIIGAGPAGLACADVLTR.N	23
PHEAT+5095	proteomics_heat	3357664	3357720	+	1	13	R.VAIIGAGPAGLACADVLTR.N	23
PHEAT+5096	proteomics_heat	3357733	3357798	+	1	27	K.AVVFDRHPEIGLLTFGIPAFK.L	26
PHEAT+5097	proteomics_heat	3357733	3357807	+	1	6	K.AVVFDRHPEIGLLTFGIPAFKLEK.E	29
PHEAT+5098	proteomics_heat	3357751	3357807	+	1	2	R.HPEIGLLTFGIPAFKLEK.E	23
PHEAT+5099	proteomics_heat	3357751	3357798	+	1	16	R.HPEIGLLTFGIPAFK.L	20
PHEAT+5100	proteomics_heat	3357829	3357861	+	1	2	R.EIFTGMGIEFK.L	15
PHEAT+5101	proteomics_heat	3357883	3357957	+	1	28	R.DVQLDDLLSDYDAVFLGVGTYSMR.G	29
PHEAT+5102	proteomics_heat	3357883	3357933	+	1	2	R.DVQLDDLLSDYDAVFLG.V	21
PHEAT+5103	proteomics_heat	3357958	3358026	+	1	7	R.GGLENEDADGVYAALPFLIANTK.Q	27
PHEAT+5104	proteomics_heat	3358054	3358083	+	1	7	R.DEPFVSMGK.R	14
PHEAT+5105	proteomics_heat	3358084	3358131	+	1	3	K.RVVVLGGGDTAMDCVR.T	20
PHEAT+5106	proteomics_heat	3358087	3358131	+	1	7	N.VVVLGGGDTAMDCVR.T	19
PHEAT+5107	proteomics_heat	3358087	3358131	+	1	7	N.VVVLGGGDTAMDCVR.T	19
PHEAT+5108	proteomics_heat	3358177	3358206	+	1	10	R.RDEENMPGSR.R	14

PHEAT+5109	proteomics_heat	3358180	3358206	+	1	3	R.DEENMPGSR.R	13
PHEAT+5110	proteomics_heat	3358249	3358293	+	1	7	K.FNVQLGIEVNGNGK.V	19
PHEAT+5111	proteomics_heat	3358318	3358344	+	1	3	R.TEMGEPDAK.G	13
PHEAT+5112	proteomics_heat	3358354	3358431	+	1	13	R.RAEIVAGSEHIVPADAVIMAFGFRPH.N	30
PHEAT+5113	proteomics_heat	3358354	3358425	+	1	2	R.RAEIVAGSEHIVPADAVIMAFGFR.P	28
PHEAT+5114	proteomics_heat	3358357	3358452	+	1	13	R.AEIVAGSEHIVPADAVIMAFGFRPHMEWLAK.H	36
PHEAT+5115	proteomics_heat	3358357	3358431	+	1	9	R.AEIVAGSEHIVPADAVIMAFGFRPH.N	29
PHEAT+5116	proteomics_heat	3358453	3358482	+	1	13	K.HSVELDSQGR.I	14
PHEAT+5117	proteomics_heat	3358480	3358533	+	1	2	G.RIIAPEGSDNAFQTSNPK.I	22
PHEAT+5118	proteomics_heat	3358483	3358533	+	1	16	R.IIAPEGSDNAFQTSNPK.I	21
PHEAT+5119	proteomics_heat	3358534	3358560	+	1	4	K.IFAGGDIVR.G	13
PHEAT+5120	proteomics_heat	3358561	3358599	+	1	5	R.GSDLVVTIAIEGR.K	17
PHEAT+5121	proteomics_heat	3358600	3358635	+	1	3	R.KAADGIMNWLEV.-	16
PHEAT+5122	proteomics_heat	3362089	3362142	+	1	2	L.PFSLGLTTLRSRDRHYR.E	22
PHEAT+5123	proteomics_heat	3378294	3378332	+	3	2	K.LRQQALQYELEK.N	17
PHEAT+5124	proteomics_heat	3378333	3378386	+	3	3	K.NKAELDEYREELVSHFAR.S	22
PHEAT+5125	proteomics_heat	3378339	3378386	+	3	3	K.AELDEYREELVSHFAR.S	20
PHEAT+5126	proteomics_heat	3378387	3378425	+	3	3	R.SAELLDTMAHDYR.Q	17
PHEAT+5127	proteomics_heat	3378450	3378500	+	3	3	K.SSSLLPELSAEANPFR.N	21
PHEAT+5128	proteomics_heat	3378507	3378557	+	3	8	R.LAESEASNDQAPVQMPR.D	21
PHEAT+5129	proteomics_heat	3378558	3378590	+	3	5	R.DYSEGASGLLR.T	15
PHEAT+5130	proteomics_heat	3378846	3378908	+	3	2	A.SIPGQVADQAPLPSLAPMLEK.V	25
PHEAT+5131	proteomics_heat	3378987	3379067	+	3	4	K.FFGDDLDPDQPAQPFEGLSGVIINASK.G	31
PHEAT+5132	proteomics_heat	3379068	3379112	+	3	3	K.GYVLTNNHVINQAQK.I	19
PHEAT+5133	proteomics_heat	3379155	3379214	+	3	4	K.LIGSDDQSDIALLQIQNPSK.L	24
PHEAT+5134	proteomics_heat	3379254	3379337	+	3	6	R.VGDFAVAVGNPFGLGQTATSGIVSALGR.S	32
PHEAT+5135	proteomics_heat	3379338	3379397	+	3	5	R.SGLNLEGLENFQTDASINR.G	24
PHEAT+5136	proteomics_heat	3379521	3379562	+	3	3	R.TLAQQQLIDFGEIKR.G	18
PHEAT+5137	proteomics_heat	3379692	3379751	+	3	5	K.AGDIITSLNGKPLNSFAELR.S	24
PHEAT+5138	proteomics_heat	3379758	3379784	+	3	2	R.IATTEPGTK.V	13
PHEAT+5139	proteomics_heat	3380414	3380452	+	2	2	R.GLNTNSHNQLEIR.T	17
PHEAT+5140	proteomics_heat	3380663	3380755	+	2	4	R.VPHIGDVVLAIGNPYNLGQTITQGIISATGR.I	35
PHEAT+5141	proteomics_heat	3380780	3380887	+	2	2	R.QNFLQTDASINHGNSGGALVNSLGMINTLSFDK.S	40
PHEAT+5142	proteomics_heat	3382731	3382760	+	3	3	R.SSAKQEELVK.A	14
PHEAT+5143	proteomics_heat	3382791	3382859	+	3	5	K.FSSQGEIVAALQEQGFDNINQSK.V	27
PHEAT+5144	proteomics_heat	3382911	3382973	+	3	4	K.MEMVYCLPAELGVPTTSSPLK.N	25
PHEAT+5145	proteomics_heat	3383076	3383150	+	3	5	K.AEGILGTIAGDDTIFTTPANGFTVK.D	29
PHEAT+5146	proteomics_heat	3383151	3383192	+	3	4	K.DLYEAILLFDQEL.-	18
PHEAT+5147	proteomics_heat	3383626	3383661	+	1	3	A.ADSIDAAQAQNR.E	16
PHEAT+5148	proteomics_heat	3385326	3385391	+	3	2	G.DNSPQAFELLVDVLRGFYRRVK.K	26
PHEAT+5149	proteomics_heat	3386013	3386039	+	3	3	A.TIANSARIR.F	13
PHEAT+5150	proteomics_heat	3387755	3387826	+	2	2	R.MLHEVQDVHEQLYAFNNTPIGTLR.I	28
PHEAT+5151	proteomics_heat	3397797	3397874	+	3	3	R.GQRLRYAIQFTRRSIGNKVERTDGGI.H	30
PHEAT+5152	proteomics_heat	3401506	3401541	+	1	2	L.MQALLLEQQDGK.T	16
PHEAT+5153	proteomics_heat	3401734	3401814	+	1	7	R.FHAGQEVLLTGWGVGENHWGGLAEQAR.V	31
PHEAT+5154	proteomics_heat	3401815	3401862	+	1	3	R.VKGDWLVAAMPQGLDAR.K	20

PHEAT+5155	proteomics_heat	3402100	3402132	+	1	2	R.DEFAESRPLEK.Q	15
PHEAT+5156	proteomics_heat	3402289	3402327	+	1	2	R.LQGVDSVMTPPER.R	17
PHEAT+5157	proteomics_heat	3402349	3402393	+	1	3	R.LVADLPESFYTQAAK.E	19
PHEAT+5158	proteomics_heat	3402394	3402459	+	1	5	K.EISLSEAPNFAEAIINNQIQGR.T	26
PHEAT+5159	proteomics_heat	3403479	3403550	+	3	7	K.KLIELVEESGISELEISEGEESVR.I	28
PHEAT+5160	proteomics_heat	3403596	3403709	+	3	3	Q.AYAAPMMQQAQSNAAAPATVPSMEAPAAAIEISGHIVR.S	42
PHEAT+5161	proteomics_heat	3403602	3403709	+	3	4	Y.AAPMMQQAQSNAAAPATVPSMEAPAAAIEISGHIVR.S	40
PHEAT+5162	proteomics_heat	3403710	3403736	+	3	9	R.SPMVGTFFYR.T	13
PHEAT+5163	proteomics_heat	3403758	3403781	+	3	2	K.AFIEVGQK.V	12
PHEAT+5164	proteomics_heat	3403824	3403865	+	3	2	K.MMNQIEADKSGTVK.A	18
PHEAT+5165	proteomics_heat	3403827	3403865	+	3	2	M.MNQIEADKSGTVK.A	17
PHEAT+5166	proteomics_heat	3404020	3404058	+	1	3	K.TVAVHSSADRLK.H	17
PHEAT+5167	proteomics_heat	3404020	3404049	+	1	20	K.TVAVHSSADR.D	14
PHEAT+5168	proteomics_heat	3404059	3404112	+	1	14	K.HVLLADETVICIGPAPSVK.S	22
PHEAT+5169	proteomics_heat	3404230	3404256	+	1	3	R.SGFIFIGPK.A	13
PHEAT+5170	proteomics_heat	3404311	3404376	+	1	6	K.KAGVPCVPGSDGPLGDDMDKNR.A	26
PHEAT+5171	proteomics_heat	3404314	3404370	+	1	2	K.AGVPCVPGSDGPLGDDMDK.N	23
PHEAT+5172	proteomics_heat	3404392	3404415	+	1	2	R.IGYPVIIK.A	12
PHEAT+5173	proteomics_heat	3404449	3404496	+	1	4	R.VVRGDAELAQSISMTR.A	20
PHEAT+5174	proteomics_heat	3404509	3404544	+	1	2	K.AAFSNDMVYMEK.Y	16
PHEAT+5175	proteomics_heat	3404653	3404697	+	1	5	K.VVEEAPAPGITPELR.R	19
PHEAT+5176	proteomics_heat	3404815	3404868	+	1	11	R.IQVEHPVTEMITGVDLIK.E	22
PHEAT+5177	proteomics_heat	3404881	3404910	+	1	3	R.IAAGQPLSIK.Q	14
PHEAT+5178	proteomics_heat	3404881	3404931	+	1	6	R.IAAGQPLSIKQEEVHVR.G	21
PHEAT+5179	proteomics_heat	3404953	3404997	+	1	5	R.INAEDPNTFLPSPGK.I	19
PHEAT+5180	proteomics_heat	3405100	3405123	+	1	3	K.LICYGENR.D	12
PHEAT+5181	proteomics_heat	3405124	3405141	+	1	2	R.DVAIAR.E	10
PHEAT+5182	proteomics_heat	3405142	3405183	+	1	6	R.MKNALQELIIDGIK.T	18
PHEAT+5183	proteomics_heat	3405148	3405183	+	1	6	K.NALQELIIDGIK.T	16
PHEAT+5184	proteomics_heat	3405208	3405264	+	1	12	R.IMNDENFQHGTTNIHYLEK.K	23
PHEAT+5185	proteomics_heat	3407350	3407382	+	1	2	K.IEQLEDKDWER.E	15
PHEAT+5186	proteomics_heat	3407641	3407685	+	1	3	K.AIGIDIDPQAIQASR.D	19
PHEAT+5187	proteomics_heat	3407740	3407802	+	1	2	K.DQPEEMKADVVANILAGPLR.E	25
PHEAT+5188	proteomics_heat	3409308	3409376	+	3	19	R.VNSDVLTVSTVNSQDQVTQKPLR.D	27
PHEAT+5189	proteomics_heat	3409521	3409547	+	3	3	R.AALMMGINR.G	13
PHEAT+5190	proteomics_heat	3413733	3413771	+	3	3	K.GQQLNASIIAQTR.L	17
PHEAT+5191	proteomics_heat	3413733	3413771	+	3	3	K.GQQLNASIIAQTR.L	17
PHEAT+5192	proteomics_heat	3415023	3415127	+	3	2	K.IRDGFVIPFNMPAIVELGTATGDFELIDQAGLGH.D	39
PHEAT+5193	proteomics_heat	3427354	3427395	+	1	3	R.LADDVGIWPLVIR.G	18
PHEAT+5194	proteomics_heat	3427396	3427428	+	1	4	R.GDVHYVQIGAR.T	15
PHEAT+5195	proteomics_heat	3427429	3427470	+	1	3	R.TNIQDGSMLHVTHK.S	18
PHEAT+5196	proteomics_heat	3427534	3427566	+	1	4	K.VMLHGCTIGNR.V	15
PHEAT+5197	proteomics_heat	3427660	3427701	+	1	3	K.RLESGYLYLGSVPK.Q	18
PHEAT+5198	proteomics_heat	3427702	3427731	+	1	2	K.QIRPLSDEEK.A	14
PHEAT+5199	proteomics_heat	3427768	3427809	+	1	3	K.WKDEYLDQGNQTQP.-	18
PHEAT+5200	proteomics_heat	3431715	3431750	+	3	2	M.SVLQVLHIPDER.L	16

PHEAT+5201	proteomics_heat	3431757	3431801	+	3	2	R.KVAKPVEEVNAEIQR.I	19
PHEAT+5202	proteomics_heat	3431760	3431801	+	3	3	K.VAKPVEEVNAEIQR.I	18
PHEAT+5203	proteomics_heat	3431802	3431882	+	3	2	R.IVDDMFETMYAEEGIGLAATQVDIHQR.I	31
PHEAT+5204	proteomics_heat	3431922	3431954	+	3	2	R.LVLINPELLEK.S	15
PHEAT+5205	proteomics_heat	3431955	3432005	+	3	2	K.SGETGIEEGCLSIPEQR.A	21
PHEAT+5206	proteomics_heat	3432135	3432164	+	3	2	K.LFMDYLSPLK.Q	14
PHEAT+5207	proteomics_heat	3432548	3432586	+	2	5	R.LGCINVHGSLLPR.W	17
PHEAT+5208	proteomics_heat	3432698	3432748	+	2	5	K.LSCPITAEDTSGTLYDK.L	21
PHEAT+5209	proteomics_heat	3432923	3432976	+	2	7	R.AFPWPMSWLEIEGQPVK.V	22
PHEAT+5210	proteomics_heat	3432986	3433045	+	2	2	K.ASVIDTATNAAPGTILEANK.Q	24
PHEAT+5211	proteomics_heat	3433505	3433558	+	2	2	R.IPPHAALAETVEGAIAIK.R	22
PHEAT+5212	proteomics_heat	3434255	3434323	+	2	2	R.DRDIPELAQLQSEILDAIWPHLK.T	27
PHEAT+5213	proteomics_heat	3434405	3434455	+	2	4	R.TADAELCETGTPEQPGK.Q	21
PHEAT+5214	proteomics_heat	3475815	3475877	+	3	2	K.LKASQPSNIASQAETPPPHY.-	25
PHEAT+5215	proteomics_heat	3475821	3475877	+	3	5	K.ASQPSNIASQAETPPPHY.-	23
PHEAT+5216	proteomics_heat	3479353	3479397	+	1	2	R.VLLDNATATINPGQK.V	19
PHEAT+5217	proteomics_heat	3479587	3479622	+	1	2	R.QLEAQLHDANER.N	16
PHEAT+5218	proteomics_heat	3479695	3479775	+	1	2	R.AASLLHGLGFSNEQLERPVSDFSGGWR.M	31
PHEAT+5219	proteomics_heat	3479890	3479955	+	1	3	K.SYQGTLLILISHDRDFLDPIVDK.I	26
PHEAT+5220	proteomics_heat	3480034	3480075	+	1	3	R.LAQQQAMYESQQR.V	18
PHEAT+5221	proteomics_heat	3480439	3480477	+	1	5	K.LGYFAQHQLEYLR.A	17
PHEAT+5222	proteomics_heat	3481096	3481140	+	1	3	R.KAELTACLQQQASAK.S	19
PHEAT+5223	proteomics_heat	3482524	3482589	+	1	2	K.HPVIAVTGSSGAGTTTTSLAFR.K	26
PHEAT+5224	proteomics_heat	3482704	3482784	+	1	8	R.HISYFGPEANDFGLLEQTFIEYGQSGK.G	31
PHEAT+5225	proteomics_heat	3483172	3483216	+	1	4	K.GIPSLDESFFVIHFR.N	19
PHEAT+5226	proteomics_heat	3484223	3484249	+	2	11	K.STLIHQGEK.A	13
PHEAT+5227	proteomics_heat	3484223	3484276	+	2	10	K.STLIHQGEKAETLYYIVK.G	22
PHEAT+5228	proteomics_heat	3484250	3484276	+	2	4	K.AETLYYIVK.G	13
PHEAT+5229	proteomics_heat	3484277	3484315	+	2	3	K.GSVAVLIKDEEGK.E	17
PHEAT+5230	proteomics_heat	3484406	3484444	+	2	2	R.AKTACEVAEISYK.K	17
PHEAT+5231	proteomics_heat	3484412	3484447	+	2	9	K.TACEVAEISYKK.F	16
PHEAT+5232	proteomics_heat	3484454	3484489	+	2	2	R.QLIQVNPDILMR.L	16
PHEAT+5233	proteomics_heat	3484535	3484570	+	2	6	K.VGNLAFLDVTR.I	16
PHEAT+5234	proteomics_heat	3484571	3484600	+	2	2	R.IAQTLLNLAK.Q	14
PHEAT+5235	proteomics_heat	3484601	3484642	+	2	4	K.QPDAMTHPDGMQIK.I	18
PHEAT+5236	proteomics_heat	3484652	3484684	+	2	3	R.QEIGQIVGCSR.E	15
PHEAT+5237	proteomics_heat	3484709	3484747	+	2	9	K.MLEDQNLISAHGK.T	17
PHEAT+5238	proteomics_heat	3492438	3492527	+	3	2	L.NAIESCARRSKRGAVVGGGLGLEAAGALK.N	34
PHEAT+5239	proteomics_heat	3496270	3496317	+	1	3	R.EKLESLLPLHLGQVAK.Y	20
PHEAT+5240	proteomics_heat	3496444	3496494	+	1	2	K.AITETTEQLINEPLDHR.G	21
PHEAT+5241	proteomics_heat	3497101	3497178	+	1	2	R.VIDGTLTQLGELAQQMNSPLIIIGR.V	30
PHEAT+5242	proteomics_heat	3502131	3502220	+	3	3	R.LLDDIAQGVYQAGQQIPTENELCTQYNVSR.I	34
PHEAT+5243	proteomics_heat	3521577	3521624	+	3	2	R.MLDEGYITQQQFDQTR.T	20
PHEAT+5244	proteomics_heat	3522276	3522326	+	3	2	R.QVGSNIKPFLYTAAMDK.G	21
PHEAT+5245	proteomics_heat	3522771	3522818	+	3	2	K.SNVLENNDVEDVAISR.E	20
PHEAT+5246	proteomics_heat	3522885	3522944	+	3	2	K.TGAQEYAPHVINTPLAFLIK.S	24

PHEAT+5247	proteomics_heat	3522945	3523001	+	3	2	K.SALNTNIFGEPGWQGTGWR.A	23
PHEAT+5248	proteomics_heat	3523137	3523205	+	3	2	R.NLGHTTASGAIKDQISGYEGGAK.S	27
PHEAT+5249	proteomics_heat	3523239	3523310	+	3	2	K.AVLEGVPEQPLTPPGIVTVNIDR.S	28
PHEAT+5250	proteomics_heat	3527595	3527654	+	3	7	R.RPASEAALLYEETAESVEKR.E	24
PHEAT+5251	proteomics_heat	3527595	3527651	+	3	3	R.RPASEAALLYEETAESVEK.R	23
PHEAT+5252	proteomics_heat	3527850	3527921	+	3	20	R.GELVTVSETLQQILENHDYPQPVK.N	28
PHEAT+5253	proteomics_heat	3527922	3527975	+	3	70	K.NVLAELLVATSLLTATLK.F	22
PHEAT+5254	proteomics_heat	3527976	3528062	+	3	2	K.FDGDITVQLQGDGPMNLAVINGNNNQMR.G	33
PHEAT+5255	proteomics_heat	3528075	3528110	+	3	3	R.VQGEIPENADLK.T	16
PHEAT+5256	proteomics_heat	3528168	3528233	+	3	12	R.YQGVVGLGEDTLAACLEDYFMR.S	26
PHEAT+5257	proteomics_heat	3528429	3528482	+	3	2	R.LYHEEEVTVYDPQDVEFK.C	22
PHEAT+5258	proteomics_heat	3528639	3528671	+	3	4	R.NNASPADPQVH.-	15
PHEAT+5259	proteomics_heat	3530978	3531034	+	2	9	R.GVLTNLGAVAVDTGIFTGR.S	23
PHEAT+5260	proteomics_heat	3531044	3531061	+	2	2	K.DKYIVR.D	10
PHEAT+5261	proteomics_heat	3531107	3531157	+	2	2	K.GKNDNKPLSPETWQHLLK.G	21
PHEAT+5262	proteomics_heat	3531113	3531157	+	2	3	K.NDNKPLSPETWQHLLK.G	19
PHEAT+5263	proteomics_heat	3531287	3531361	+	2	6	K.NMFIRPSDEELAGFKPDFIVMNGAK.C	29
PHEAT+5264	proteomics_heat	3531383	3531433	+	2	4	K.EQGLNSENFAFNTER.M	21
PHEAT+5265	proteomics_heat	3531434	3531478	+	2	2	R.MQLIGGTWYGGEMKK.G	19
PHEAT+5266	proteomics_heat	3531479	3531517	+	2	2	K.GMFSMNNYLLPLK.G	17
PHEAT+5267	proteomics_heat	3531518	3531559	+	2	4	K.GIASMHCSANVGEK.G	18
PHEAT+5268	proteomics_heat	3531632	3531703	+	2	2	R.LIGDDEHGWDGDFVNFEGGCYAK.T	28
PHEAT+5269	proteomics_heat	3531839	3531889	+	2	8	R.VSYPYHIDNIVKPVSK.A	21
PHEAT+5270	proteomics_heat	3531908	3531958	+	2	3	K.VIFLTADAFGVLPVSR.L	21
PHEAT+5271	proteomics_heat	3531959	3532009	+	2	6	R.LTADQTYHFLSGFTAK.L	21
PHEAT+5272	proteomics_heat	3532124	3532183	+	2	2	R.MQAAGAQAYLNTGWNGTGK.R	24
PHEAT+5273	proteomics_heat	3532385	3532456	+	2	3	K.LFIDNFDKYTDTPAGAALVAAGPK.L	28
PHEAT+5274	proteomics_heat	3532385	3532459	+	2	4	K.LFIDNFDKYTDTPAGAALVAAGPKL.-	29
PHEAT+5275	proteomics_heat	3535485	3535523	+	3	2	R.LLDEGNTVPPFIAR.Y	17
PHEAT+5276	proteomics_heat	3535533	3535568	+	3	3	K.EITGGLDDTQLR.N	16
PHEAT+5277	proteomics_heat	3535698	3535736	+	3	3	K.TELEDLYLPYKPK.R	17
PHEAT+5278	proteomics_heat	3535749	3535856	+	3	5	R.GQIAIEAGLEPLADLLWSDPSHTPEVAAAQYVYADK.G	40
PHEAT+5279	proteomics_heat	3535965	3536018	+	3	5	K.NAHLVSTVVSQKEEGAK.F	22
PHEAT+5280	proteomics_heat	3535965	3536000	+	3	4	K.NAHLVSTVVSQK.E	16
PHEAT+5281	proteomics_heat	3536025	3536072	+	3	7	R.DYFDHHEPLSTVPSHR.A	20
PHEAT+5282	proteomics_heat	3536265	3536306	+	3	4	K.VLMHLETLMGTVR.E	18
PHEAT+5283	proteomics_heat	3536307	3536345	+	3	4	R.ERAEDEAINVFAR.N	17
PHEAT+5284	proteomics_heat	3536346	3536387	+	3	5	R.NLHLLMAAPAGLR.A	18
PHEAT+5285	proteomics_heat	3536430	3536504	+	3	3	K.VAVVDATGKLVATDTIYPHTGQAAK.A	29
PHEAT+5286	proteomics_heat	3536457	3536504	+	3	5	K.LVATDTIYPHTGQAAK.A	20
PHEAT+5287	proteomics_heat	3536538	3536582	+	3	9	K.HNVELVAIGNGTASR.E	19
PHEAT+5288	proteomics_heat	3536595	3536615	+	3	3	R.FYLDVQK.Q	11
PHEAT+5289	proteomics_heat	3536751	3536783	+	3	3	R.RLQDPLAELVK.I	15
PHEAT+5290	proteomics_heat	3536769	3536849	+	3	3	L.AELVKIDPKSIGVGQYQHVDVSQTQLAR.K	31
PHEAT+5291	proteomics_heat	3536796	3536849	+	3	9	K.SIGVGQYQHVDVSQTQLAR.K	22
PHEAT+5292	proteomics_heat	3536979	3537005	+	3	6	R.DENGQFQNR.Q	13

PHEAT+5293	proteomics_heat	3537072	3537140	+	3	3	R.INHGDNPLDASTVHPEAYPVVER.I	27
PHEAT+5294	proteomics_heat	3537141	3537170	+	3	3	R.ILAATQQALK.D	14
PHEAT+5295	proteomics_heat	3537171	3537200	+	3	2	K.DLMGNSSELR.N	14
PHEAT+5296	proteomics_heat	3537210	3537233	+	3	2	K.ASDFTDEK.F	12
PHEAT+5297	proteomics_heat	3537234	3537266	+	3	2	K.FGVPTVTDIIK.E	15
PHEAT+5298	proteomics_heat	3537465	3537494	+	3	4	K.FVEDPHTVVK.A	14
PHEAT+5299	proteomics_heat	3537519	3537542	+	3	2	K.VLEVDLQR.K	12
PHEAT+5300	proteomics_heat	3537567	3537599	+	3	4	R.LDEQPGETNAR.R	15
PHEAT+5301	proteomics_heat	3537660	3537719	+	3	3	R.EAQPAGNSAMMDALAAAMGK.K	24
PHEAT+5302	proteomics_heat	3539077	3539124	+	1	2	R.AYAGEASQHLDAALAR.L	20
PHEAT+5303	proteomics_heat	3539125	3539172	+	1	2	R.LRNEMDDPALHIADAR.Y	20
PHEAT+5304	proteomics_heat	3539605	3539664	+	1	3	K.SFVPLIVGFGCNVPVSMGAR.T	24
PHEAT+5305	proteomics_heat	3540700	3540747	+	1	4	R.KSVSSCCAATTGDCH.-	20
PHEAT+5306	proteomics_heat	3540703	3540747	+	1	3	K.SVSSCCAATTGDCH.-	19
PHEAT+5307	proteomics_heat	3543655	3543687	+	1	13	R.ISDAAQAHFAK.L	15
PHEAT+5308	proteomics_heat	3543688	3543723	+	1	6	K.LLANQEEGTQIR.V	16
PHEAT+5309	proteomics_heat	3543724	3543816	+	1	6	R.VFVINPGTPNAECGVSYCPPDAVEATDTALK.F	35
PHEAT+5310	proteomics_heat	3543787	3543816	+	1	2	D.AVEATDTALK.F	14
PHEAT+5311	proteomics_heat	3543817	3543921	+	1	8	K.FDLLTAYVDELSAPYLEDAEIDFVTDQLGSQLTLK.A	39
PHEAT+5312	proteomics_heat	3543943	3543975	+	1	4	R.KVADDAPLMER.V	15
PHEAT+5313	proteomics_heat	3543976	3544032	+	1	7	R.VEYMLQSQINPQLAGHGGR.V	23
PHEAT+5314	proteomics_heat	3544141	3544170	+	1	2	K.QLLNEFPELK.G	14
PHEAT+5315	proteomics_heat	3547982	3548050	+	2	2	K.QTPFGFGANRLRFTVGIDVIGAN.P	27
PHEAT+5316	proteomics_heat	3551620	3551682	+	1	4	R.VRDQLEIGSQQLAFTHQEAK.Q	25
PHEAT+5317	proteomics_heat	3551830	3551910	+	1	5	R.RLAGINASHLSDYLVDEVLDNVDLATR.H	31
PHEAT+5318	proteomics_heat	3551833	3551910	+	1	4	R.LAGINASHLSDYLVDEVLDNVDLATR.H	30
PHEAT+5319	proteomics_heat	3552472	3552516	+	1	2	R.AQVAINDGNPDEAER.L	19
PHEAT+5320	proteomics_heat	3553195	3553263	+	1	3	R.AQILLGEFPAEIVLEELNENAR.S	27
PHEAT+5321	proteomics_heat	3561293	3561391	+	2	2	R.TYGSNSELLGNAGTVSDLGEDFGHEFYEAELK.Y	37
PHEAT+5322	proteomics_heat	3571201	3571266	+	1	2	H.PFPGLADQNGKDHQSGFADHAR.Q	26
PHEAT+5323	proteomics_heat	3585080	3585118	+	2	2	R.MQTQMQTQQIQQK.G	17
PHEAT+5324	proteomics_heat	3585143	3585202	+	2	8	K.TQTQLQQHLENQINNNSQR.V	24
PHEAT+5325	proteomics_heat	3585203	3585241	+	2	2	R.VLQSQPGERNPAR.Q	17
PHEAT+5326	proteomics_heat	3596037	3596069	+	3	2	K.FSDQDRIDLQK.I	15
PHEAT+5327	proteomics_heat	3598400	3598450	+	2	4	K.NSLRCALVVATLTIRQL.R	21
PHEAT+5328	proteomics_heat	3604810	3604845	+	1	2	R.DEQAAEEPQASR.L	16
PHEAT+5329	proteomics_heat	3605362	3605406	+	1	2	R.ATGDKVPAGATSVDR.L	19
PHEAT+5330	proteomics_heat	3606040	3606114	+	1	2	K.HPADFTGLINELESAGQTVVLVVR.N	29
PHEAT+5331	proteomics_heat	3608125	3608169	+	1	6	K.LSFSLPADMTDQSGK.L	19
PHEAT+5332	proteomics_heat	3608170	3608223	+	1	3	K.LGTQANMHVWSDATGQK.A	22
PHEAT+5333	proteomics_heat	3608224	3608280	+	1	6	K.AVIVIMGDDPKEDLAVLAK.R	23
PHEAT+5334	proteomics_heat	3608302	3608337	+	1	8	R.SRDPQLQVVTNK.A	16
PHEAT+5335	proteomics_heat	3608488	3608532	+	1	3	K.AQTTAENIINTLVIQ.-	19
PHEAT+5336	proteomics_heat	3616620	3616676	+	3	7	R.VTITLDDDDLLETLDLSLSQR.R	23
PHEAT+5337	proteomics_heat	3616917	3616967	+	3	3	K.GDMGDVQHFADDVIAQR.G	21
PHEAT+5338	proteomics_heat	3624732	3624776	+	3	8	V.NEKTISVSIALSPSR.L	19

PHEAT+5339	proteomics_heat	3627389	3627451	+	2	4	E.INDNKLDFPTSPGPISPTIQR.A	25
PHEAT+5340	proteomics_heat	3636451	3636510	+	1	6	R.TRDAINNVEAYFEQHPALLK.Q	24
PHEAT+5341	proteomics_heat	3636457	3636510	+	1	4	R.DAINNVEAYFEQHPALLK.Q	22
PHEAT+5342	proteomics_heat	3636733	3636762	+	1	2	K.MPGVSADDQR.L	14
PHEAT+5343	proteomics_heat	3638146	3638184	+	1	60	K.HILIAVDLSPESK.V	17
PHEAT+5344	proteomics_heat	3638200	3638232	+	1	7	K.AVSMARPYNAK.V	15
PHEAT+5345	proteomics_heat	3638233	3638313	+	1	39	K.VSLIHVDVNYSDLYTGLIDVNLGDMQK.R	31
PHEAT+5346	proteomics_heat	3638314	3638433	+	1	15	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	44
PHEAT+5347	proteomics_heat	3638314	3638436	+	1	4	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	45
PHEAT+5348	proteomics_heat	3638317	3638436	+	1	16	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	44
PHEAT+5349	proteomics_heat	3638317	3638433	+	1	23	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	43
PHEAT+5350	proteomics_heat	3638371	3638433	+	1	3	Y.PITETLSGSGDLGQVLVDAIK.K	25
PHEAT+5351	proteomics_heat	3638371	3638436	+	1	2	Y.PITETLSGSGDLGQVLVDAIKK.Y	26
PHEAT+5352	proteomics_heat	3638434	3638487	+	1	10	K.KYDMDLVVCGHHQDFWSK.L	22
PHEAT+5353	proteomics_heat	3638437	3638487	+	1	9	K.YDMDLVVCGHHQDFWSK.L	21
PHEAT+5354	proteomics_heat	3638506	3638565	+	1	56	R.QLINTVHVDMLIVPLRDEEE.-	24
PHEAT+5355	proteomics_heat	3643462	3643497	+	1	3	K.HTVQSLIIESLK.E	16
PHEAT+5356	proteomics_heat	3643609	3643665	+	1	2	R.IWQQDDLPAELEAYINVVK.H	23
PHEAT+5357	proteomics_heat	3644152	3644196	+	1	2	K.LEQQMNNVLPWLHSK.L	19
PHEAT+5358	proteomics_heat	3644331	3644387	+	3	2	K.HYDYIAIGGGSGGIASINR.A	23
PHEAT+5359	proteomics_heat	3644502	3644555	+	3	4	R.EAIIHMYGPDYGFDTTINK.F	22
PHEAT+5360	proteomics_heat	3644556	3644585	+	3	2	K.FNWETLIASR.T	14
PHEAT+5361	proteomics_heat	3644604	3644636	+	3	4	R.IHTSYENVLGK.N	15
PHEAT+5362	proteomics_heat	3644748	3644828	+	3	2	R.PSHDPDIPGVEYGIDSDGFFALPALPER.V	31
PHEAT+5363	proteomics_heat	3644829	3644897	+	3	2	R.VAVVGAGYIAVELAGVINGLGAK.T	27
PHEAT+5364	proteomics_heat	3644934	3645017	+	3	12	R.SFDPMISETLVEVMNAEGPQLHTNAIPK.A	32
PHEAT+5365	proteomics_heat	3645111	3645155	+	3	3	R.EPANDNINLEAAGVK.T	19
PHEAT+5366	proteomics_heat	3645189	3645278	+	3	4	K.YQNTNIEGIYAVGDNTGAVELTPVAVAAGR.R	34
PHEAT+5367	proteomics_heat	3645438	3645479	+	3	7	K.SSFTAMYTAVTTHR.Q	18
PHEAT+5368	proteomics_heat	3645498	3645524	+	3	2	K.LVCVGSEEK.I	13
PHEAT+5369	proteomics_heat	3645525	3645593	+	3	6	K.IVGIHGIGFGMDEMLQGFVAALK.M	27
PHEAT+5370	proteomics_heat	3645609	3645671	+	3	4	K.KDFDNTVAIHPTAAEEFVTMR.-	25
PHEAT+5371	proteomics_heat	3645612	3645671	+	3	3	K.DFDNTVAIHPTAAEEFVTMR.-	24
PHEAT+5372	proteomics_heat	3648263	3648307	+	2	2	M.SNITIIYHNPACGTSR.N	19
PHEAT+5373	proteomics_heat	3648263	3648307	+	2	2	M.SNITIIYHNPACGTSR.N	19
PHEAT+5374	proteomics_heat	3648500	3648571	+	2	3	R.LIDFMLQHPILINRPVVTPLGTR.L	28
PHEAT+5375	proteomics_heat	3652092	3652145	+	3	8	K.SFVAVHNQPGLYVGQQR.F	22
PHEAT+5376	proteomics_heat	3652182	3652262	+	3	5	K.TDTLLEISVPLDSYAKPDIEANYQGR.L	31
PHEAT+5377	proteomics_heat	3652308	3652367	+	3	7	R.NHFVITLGTIQGEQPGFINK.V	24
PHEAT+5378	proteomics_heat	3657867	3657917	+	3	6	R.LDPIYVDLTQSVQDFLR.M	21
PHEAT+5379	proteomics_heat	3667992	3668048	+	3	4	G.PAKFPERAYRPAVAGANPR.T	23
PHEAT+5380	proteomics_heat	3672809	3672868	+	2	6	I.MQATATTLDEHEQEYTPINSR.N	24
PHEAT+5381	proteomics_heat	3672815	3672868	+	2	2	Q.ATATTLDEHEQEYTPINSR.N	22
PHEAT+5382	proteomics_heat	3673205	3673279	+	2	3	R.FGQGLGLGGEWGAALLATENAPPR.K	29
PHEAT+5383	proteomics_heat	3677691	3677735	+	3	2	R.LPGLYYIETDSTGER.T	19
PHEAT+5384	proteomics_heat	3678207	3678263	+	3	2	K.VIDTTAAGDSFSAGYLAVR.L	23

PHEAT+5385	proteomics_heat	3678264	3678299	+	3	2	R.LTGGSAEDAANKR.G	16
PHEAT+5386	proteomics_heat	3678264	3678296	+	3	3	R.LTGGSAEDAANKR	15
PHEAT+5387	proteomics_heat	3695786	3695854	+	2	2	R.INDLDTALNHIFLPTGDIFS NR.M	27
PHEAT+5388	proteomics_heat	3697611	3697655	+	3	3	R.DIPSPSITDVPVGVK.F	19
PHEAT+5389	proteomics_heat	3697671	3697745	+	3	12	K.APHQGAPIVIEQPSSFLAISDLVVR.V	29
PHEAT+5390	proteomics_heat	3697794	3697880	+	3	2	K.LTSGLPQTAPVSENSNAVVIQYQDKPYVR.L	33
PHEAT+5391	proteomics_heat	3713803	3713877	+	1	2	R.KPLLIGCIPRNFQRIE WVSTPQHHD.I	29
PHEAT+5392	proteomics_heat	3714672	3714737	+	3	2	K.SAIGAGLGS LVGAGIGALSSSK.K	26
PHEAT+5393	proteomics_heat	3714999	3715058	+	3	3	K.TAVNVIGYTDSTGGHDLNMR.L	24
PHEAT+5394	proteomics_heat	3715074	3715124	+	3	4	R.ADSVASALITQGV DADR.I	21
PHEAT+5395	proteomics_heat	3715131	3715187	+	3	2	R.TQGLGPANPIASNSTAEGK.A	23
PHEAT+5396	proteomics_heat	3715333	3715359	+	1	2	S.MKPSVILYK.A	13
PHEAT+5397	proteomics_heat	3715537	3715596	+	1	3	R.ATSTISVGYDNFDVDALTAR.K	24
PHEAT+5398	proteomics_heat	3715681	3715704	+	1	2	R.RVVEVAER.V	12
PHEAT+5399	proteomics_heat	3715822	3715863	+	1	7	R.AHFGFNMPILYNAR.R	18
PHEAT+5400	proteomics_heat	3715903	3716007	+	1	15	R.YCDLDTLLQESDFVCLILPLTDETHHLFGAEQFAK.M	39
PHEAT+5401	proteomics_heat	3716014	3716043	+	1	3	K.SSAIFINAGR.G	14
PHEAT+5402	proteomics_heat	3716044	3716088	+	1	5	R.GPVVDENALIAALQK.G	19
PHEAT+5403	proteomics_heat	3716089	3716214	+	1	7	K.GEIIHAAGLDVFEQEPLSVDSPLLSMANVVAVPHIGSATHETR.Y	46
PHEAT+5404	proteomics_heat	3716188	3716214	+	1	3	H.IGSATHETR.Y	13
PHEAT+5405	proteomics_heat	3716215	3716268	+	1	14	R.YGMAACAVDNLIDALQ GK.V	22
PHEAT+5406	proteomics_heat	3716278	3716304	+	1	4	K.NCVNPHVAD.-	13
PHEAT+5407	proteomics_heat	3718156	3718200	+	1	4	K.DV FVHFSAIQNDGYK.S	19
PHEAT+5408	proteomics_heat	3737764	3737811	+	1	10	R.HSGITLLMEDLNDGLR.T	20
PHEAT+5409	proteomics_heat	3737914	3737955	+	1	4	K.ATDALCNYDGPQ GK.T	18
PHEAT+5410	proteomics_heat	3737956	3737991	+	1	5	K.TELLTLLAGMLR.E	16
PHEAT+5411	proteomics_heat	3738523	3738609	+	1	2	K.IITAITNMNGIISLAPGGIGPAMMCEMIK.R	33
PHEAT+5412	proteomics_heat	3738628	3738666	+	1	4	R.LSETVIKPFYYQR.V	17
PHEAT+5413	proteomics_heat	3738892	3738936	+	1	3	R.MNYVPEPEKIEAGVK.I	19
PHEAT+5414	proteomics_heat	3747568	3747642	+	1	5	R.AISAFAPSSWQVMTSITKTTTKAPG.N	29
PHEAT+5415	proteomics_heat	3771384	3771437	+	3	2	K.GASPLSAGDVTNDLSHVR.K	22
PHEAT+5416	proteomics_heat	3771507	3771596	+	3	3	K.IQDAGLSQISV TNSAINNLPDVDLVITHR.D	34
PHEAT+5417	proteomics_heat	3771621	3771695	+	3	5	R.QVPQAQHISLTNFLDSGLYTS LTER.L	29
PHEAT+5418	proteomics_heat	3771753	3771788	+	3	2	K.DSFDSSANLFK.L	16
PHEAT+5419	proteomics_heat	3771873	3771917	+	3	2	K.GGYVEPEYVQAM LDR.E	19
PHEAT+5420	proteomics_heat	3771924	3771983	+	3	3	K.LTPTYLGESIAVPHGTVEAK.D	24
PHEAT+5421	proteomics_heat	3772038	3772067	+	3	3	R.FGEEEDDIAR.L	14
PHEAT+5422	proteomics_heat	3772092	3772160	+	3	2	R.NNEHIQVITSLT NALDDESVIER.L	27
PHEAT+5423	proteomics_heat	3772161	3772214	+	3	5	R.LAHTTSVDEVLELLAGR K.-	22
PHEAT+5424	proteomics_heat	3772161	3772211	+	3	4	R.LAHTTSVDEVLELLAGR.K	21
PHEAT+5425	proteomics_heat	3772501	3772575	+	1	36	K.LLADAGIQLTFADVNQV VLDALNAR.H	29
PHEAT+5426	proteomics_heat	3772762	3772821	+	1	3	K.RKEQGNESPLNIIACENMVR.G	24
PHEAT+5427	proteomics_heat	3772768	3772821	+	1	3	K.EQGNESPLNIIACENMVR.G	22
PHEAT+5428	proteomics_heat	3772840	3772875	+	1	6	K.GHVMNALPEDAK.A	16
PHEAT+5429	proteomics_heat	3772876	3772923	+	1	4	K.AWVEEHVGFVDSAVDR.I	20
PHEAT+5430	proteomics_heat	3772924	3773004	+	1	27	R.IVPPSASATNDPLEVTVETFSEWIVDK.T	31

PHEAT+5431	proteomics_heat	3773017	3773079	+	1	11	K.GALPNIPGMELTDNLMAFVER.K	25
PHEAT+5432	proteomics_heat	3773080	3773130	+	1	3	R.KLFTLNTGHAITAYLGK.L	21
PHEAT+5433	proteomics_heat	3773083	3773130	+	1	6	K.LFTLNTGHAITAYLGK.L	20
PHEAT+5434	proteomics_heat	3773194	3773232	+	1	3	K.GAMEESGAVLIKR.Y	17
PHEAT+5435	proteomics_heat	3773233	3773274	+	1	7	R.YGFDADKHAAYIQK.I	18
PHEAT+5436	proteomics_heat	3773287	3773322	+	1	5	R.FENPYLKDDVER.V	16
PHEAT+5437	proteomics_heat	3773365	3773412	+	1	15	R.LIKPLLGTLEYGLPHK.N	20
PHEAT+5438	proteomics_heat	3773413	3773451	+	1	2	K.NLIEGIAAAMHFR.S	17
PHEAT+5439	proteomics_heat	3774748	3774813	+	1	9	R.HQQADLSLVEAADKYAELEKEK.A	26
PHEAT+5440	proteomics_heat	3774748	3774807	+	1	3	R.HQQADLSLVEAADKYAELEK.E	24
PHEAT+5441	proteomics_heat	3774964	3775002	+	1	2	R.GLVVVPMTALGR.E	17
PHEAT+5442	proteomics_heat	3778054	3778107	+	1	2	K.LSMPVALAPVGLCGMYAR.R	22
PHEAT+5443	proteomics_heat	3778132	3778212	+	1	2	K.AADAHGIPFTLSTVSVCPIEEVAPAIK.R	31
PHEAT+5444	proteomics_heat	3778642	3778683	+	1	5	R.FGADGIVVSNHGGR.Q	18
PHEAT+5445	proteomics_heat	3778840	3778908	+	1	9	R.AFLYALATAGQAGVANLLNLIEK.E	27
PHEAT+5446	proteomics_heat	3783298	3783339	+	1	13	K.KPMVLVILDGYGYR.E	18
PHEAT+5447	proteomics_heat	3783298	3783375	+	1	9	K.KPMVLVILDGYGYREEQQDNAIFSAK.T	30
PHEAT+5448	proteomics_heat	3783340	3783375	+	1	4	R.EEQQDNAIFSAK.T	16
PHEAT+5449	proteomics_heat	3783376	3783459	+	1	18	K.TPVMDALWANRPHTLIDASGLEVGLPDR.Q	32
PHEAT+5450	proteomics_heat	3783460	3783507	+	1	7	R.QMGNSEVGHVNLGAGR.I	20
PHEAT+5451	proteomics_heat	3783532	3783555	+	1	7	R.LDVEIKDR.A	12
PHEAT+5452	proteomics_heat	3783556	3783603	+	1	3	R.AFFANPVLTGAVDKAK.N	20
PHEAT+5453	proteomics_heat	3783556	3783597	+	1	3	R.AFFANPVLTGAVDK.A	18
PHEAT+5454	proteomics_heat	3783718	3783747	+	1	5	K.IYLHAFLDGR.D	14
PHEAT+5455	proteomics_heat	3783889	3783969	+	1	107	K.AYDLLTLAQGEFQADTAVAGLQAAYAR.D	31
PHEAT+5456	proteomics_heat	3783970	3783993	+	1	4	R.DENDEFVK.A	12
PHEAT+5457	proteomics_heat	3784009	3784071	+	1	9	R.AEGQPDAAMEDGDALIFMNF.R.A	25
PHEAT+5458	proteomics_heat	3784141	3784191	+	1	47	K.VVNVDFVMLTEYAADIK.T	21
PHEAT+5459	proteomics_heat	3784192	3784251	+	1	25	K.TAVAYPPASLVNTFGEWMAK.N	24
PHEAT+5460	proteomics_heat	3784375	3784428	+	1	10	K.VATYDLQPEMSSAELTEK.L	22
PHEAT+5461	proteomics_heat	3784447	3784530	+	1	6	K.SGKYDTIICNYPNGDMVGHTGMEEAAVK.A	32
PHEAT+5462	proteomics_heat	3784456	3784530	+	1	4	K.YDTIICNYPNGDMVGHTGMEEAAVK.A	29
PHEAT+5463	proteomics_heat	3784531	3784572	+	1	7	K.AVEALDHCVEEVAK.A	18
PHEAT+5464	proteomics_heat	3784738	3784824	+	1	10	K.LSDIAPTMLSLMGMEIPQEMTGKPLFIVE.-	33
PHEAT+5465	proteomics_heat	3785104	3785142	+	1	2	K.LRETQNTLNQLNK.Q	17
PHEAT+5466	proteomics_heat	3792010	3792060	+	1	3	V.MIIVTGGAGFIGSNIVK.A	21
PHEAT+5467	proteomics_heat	3792076	3792111	+	1	4	K.GITDILVVDNLK.D	16
PHEAT+5468	proteomics_heat	3792076	3792123	+	1	10	K.GITDILVVDNLKDGTK.F	20
PHEAT+5469	proteomics_heat	3792304	3792330	+	1	6	K.ELLHYCLER.E	13
PHEAT+5470	proteomics_heat	3792331	3792378	+	1	4	R.EIPFLYASSAATYGGR.T	20
PHEAT+5471	proteomics_heat	3792403	3792441	+	1	5	R.EYEKPLNVYGYSK.F	17
PHEAT+5472	proteomics_heat	3792442	3792465	+	1	2	K.FLFDEYVR.Q	12
PHEAT+5473	proteomics_heat	3792466	3792507	+	1	4	R.QILPEANSQIVGFR.Y	18
PHEAT+5474	proteomics_heat	3792508	3792531	+	1	3	R.YFNVYGPR.E	12
PHEAT+5475	proteomics_heat	3792544	3792606	+	1	8	K.GSMASVAFHLNTQLNNGESPK.L	25
PHEAT+5476	proteomics_heat	3792607	3792636	+	1	2	K.LFEGSENFKR.D	14

PHEAT+5477	proteomics_heat	3792727	3792774	+	1	4	R.AESFQAVADATLAYHK.K	20
PHEAT+5478	proteomics_heat	3792727	3792777	+	1	12	R.AESFQAVADATLAYHKK.G	21
PHEAT+5479	proteomics_heat	3792775	3792810	+	1	2	K.KGQIEYIPFPDK.L	16
PHEAT+5480	proteomics_heat	3792778	3792816	+	1	5	K.GQIEYIPFPDKLK.G	17
PHEAT+5481	proteomics_heat	3792817	3792861	+	1	3	K.GRYQAFQADLTNLR.A	19
PHEAT+5482	proteomics_heat	3792862	3792888	+	1	5	R.AAGYDKPFK.T	13
PHEAT+5483	proteomics_heat	3792889	3792933	+	1	7	K.TVAEGVTEYMAWLNLR.D	19
PHEAT+5484	proteomics_heat	3792958	3793017	+	1	2	K.ILVIGPSWVGDMMSQSLYR.T	24
PHEAT+5485	proteomics_heat	3793621	3793683	+	1	2	K.DHEAGNEILAAALNTEQQAWCR.N	25
PHEAT+5486	proteomics_heat	3793684	3793740	+	1	2	R.NLAGETQLDQAVILIAACK.A	23
PHEAT+5487	proteomics_heat	3793897	3793953	+	1	5	R.KGDAAEQYHQLSLIDITPQR.V	23
PHEAT+5488	proteomics_heat	3806860	3806910	+	1	3	K.DVQHVYLPYDLPDALNR.F	21
PHEAT+5489	proteomics_heat	3807556	3807630	+	1	3	R.GGHNPLEAAAHAIPVLMGPHTFNFK.D	29
PHEAT+5490	proteomics_heat	3807646	3807699	+	1	2	R.LEQASGLITVTDATTLAK.E	22
PHEAT+5491	proteomics_heat	3807751	3807795	+	1	5	R.HAVEVLYQNQGALQR.L	19
PHEAT+5492	proteomics_heat	3807860	3807919	+	2	3	R.AIYPGTFDPITNGHIDIVTR.A	24
PHEAT+5493	proteomics_heat	3807974	3808000	+	2	3	K.KPMFTLEER.V	13
PHEAT+5494	proteomics_heat	3808121	3808168	+	2	2	R.AVADFEYEMQLAHMNR.H	20
PHEAT+5495	proteomics_heat	3808259	3808318	+	2	2	R.HQGDVTHFLPENVHQUALMAK.L	24
PHEAT+5496	proteomics_heat	3810886	3810993	+	1	4	K.AFITPLSLQAVSGYPVSDSLDPAEEAAMGHIELGK.W	40
PHEAT+5497	proteomics_heat	3811144	3811185	+	1	7	R.AAATQHNLVSLASR.G	18
PHEAT+5498	proteomics_heat	3811186	3811248	+	1	2	R.GLLIWGPDSGSQACGDIGPGR.M	25
PHEAT+5499	proteomics_heat	3811249	3811314	+	1	15	R.MLDPLTIVDMAVAHFSPVNDLK.H	26
PHEAT+5500	proteomics_heat	3811315	3811371	+	1	2	K.HLNIMITAGPTREPLDPVR.Y	23
PHEAT+5501	proteomics_heat	3811432	3811494	+	1	5	R.RGANVTLVSGPVSLSPTPPFVK.R	25
PHEAT+5502	proteomics_heat	3811435	3811494	+	1	2	R.GANVTLVSGPVSLSPTPPFVK.R	24
PHEAT+5503	proteomics_heat	3811906	3811950	+	1	6	R.KELLGQLLLDEIVTR.Y	19
PHEAT+5504	proteomics_heat	3811909	3811950	+	1	2	K.ELLGQLLLDEIVTR.Y	18
PHEAT+5505	proteomics_heat	3811991	3812053	+	2	3	R.VGKEFPLPTYATSGSAGLCLR.A	25
PHEAT+5506	proteomics_heat	3812000	3812053	+	2	14	K.EFPLPTYATSGSAGLCLR.A	22
PHEAT+5507	proteomics_heat	3812054	3812164	+	2	4	R.ACLNDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR.S	41
PHEAT+5508	proteomics_heat	3812183	3812239	+	2	3	K.HGIVLGNLVGLIDSDYQGGQ.L	23
PHEAT+5509	proteomics_heat	3812183	3812263	+	2	2	K.HGIVLGNLVGLIDSDYQGGQLMISVWNR.G	31
PHEAT+5510	proteomics_heat	3812264	3812299	+	2	4	R.GQDSFTIQPGER.I	16
PHEAT+5511	proteomics_heat	3812553	3812609	+	3	7	R.EEILQSLALMLESSDGSQR.I	23
PHEAT+5512	proteomics_heat	3812838	3812876	+	3	4	R.ILTGHALMFEQDR.L	17
PHEAT+5513	proteomics_heat	3812955	3813032	+	3	6	R.EGEGYTTDETLASQILAFCEGMLSR.F	30
PHEAT+5514	proteomics_heat	3814741	3814773	+	1	2	K.GEWGSATWEMR.S	15
PHEAT+5515	proteomics_heat	3814789	3814809	+	1	2	R.YLETYFR.L	11
PHEAT+5516	proteomics_heat	3814957	3814986	+	1	2	K.QLVTAANWVK.M	14
PHEAT+5517	proteomics_heat	3814987	3815031	+	1	2	K.MQSDEGEINPVDILR.W	19
PHEAT+5518	proteomics_heat	3815212	3815244	+	1	7	R.SHMPEILQWQR.E	15
PHEAT+5519	proteomics_heat	3815263	3815298	+	1	3	K.LEDAQVQLENNR.L	16
PHEAT+5520	proteomics_heat	3815263	3815331	+	1	6	K.LEDAQVQLENNRLEQELVLLAQR.I	27
PHEAT+5521	proteomics_heat	3815332	3815376	+	1	2	R.IDVAEELDRLEAHVK.E	19
PHEAT+5522	proteomics_heat	3815419	3815451	+	1	3	R.RLDFMMQEFNR.E	15

PHEAT+5523	proteomics_heat	3815476	3815517	+	1	2	K.SINAEVTNSAIELK.V	18
PHEAT+5524	proteomics_heat	3819529	3819576	+	1	4	K.TQPLYDTQVSVSHTRR.Q	20
PHEAT+5525	proteomics_heat	3819655	3819708	+	1	2	R.DAFLEHAEVFGNYGTSR.E	22
PHEAT+5526	proteomics_heat	3819859	3819894	+	1	2	R.GRGQDSEEVIK.R	16
PHEAT+5527	proteomics_heat	3819865	3819897	+	1	2	R.GQDSEEVIKR.M	15
PHEAT+5528	proteomics_heat	3819898	3819990	+	1	3	R.MAQAVAEMSHYAEYDYLIVNDDFDALTDLK.T	35
PHEAT+5529	proteomics_heat	3820138	3820164	+	1	2	R.VTVQDAVEK.I	13
PHEAT+5530	proteomics_heat	3820213	3820284	+	1	10	R.QMQVGGKDPLVPEENDKTTVIALR.E	28
PHEAT+5531	proteomics_heat	3820213	3820263	+	1	3	R.QMQVGGKDPLVPEENDK.T	21
PHEAT+5532	proteomics_heat	3820285	3820329	+	1	10	R.EIEEGLINNQILDVR.E	19
PHEAT+5533	proteomics_heat	3820330	3820398	+	1	13	R.ERQEQEQEAAELQAVTAIAEGR.R	27
PHEAT+5534	proteomics_heat	3820336	3820398	+	1	3	R.QEQEQEAAELQAVTAIAEGR.R	25
PHEAT+5535	proteomics_heat	3821320	3821391	+	1	6	K.ANGYQSLHTSMIGPHGVPVEVQIR.T	28
PHEAT+5536	proteomics_heat	3821449	3821484	+	1	2	K.EHGETSTTAQIR.A	16
PHEAT+5537	proteomics_heat	3821563	3821610	+	1	2	K.SDLFPDEIYVFTPEGR.I	20
PHEAT+5538	proteomics_heat	3821917	3821952	+	1	3	R.KLNEIPQENIQR.E	16
PHEAT+5539	proteomics_heat	3822193	3822222	+	1	2	K.GLVIHHESCR.N	14
PHEAT+5540	proteomics_heat	3822799	3822855	+	1	2	K.GQGMQILATHLSDNAVDFR.E	23
PHEAT+5541	proteomics_heat	3823057	3823131	+	1	3	R.ENSMPLPEAEQQRLLFEGGYPVLAKV.A	29
PHEAT+5542	proteomics_heat	3823245	3823304	+	3	3	R.LLDAVPLSSLTGVGAALSNK.L	24
PHEAT+5543	proteomics_heat	3823314	3823361	+	3	5	K.INLHTVQDLLLLHLPLR.Y	20
PHEAT+5544	proteomics_heat	3823635	3823709	+	3	2	R.VQGDLPSTPELQETLTPVYPTTEGVK.Q	29
PHEAT+5545	proteomics_heat	3823725	3823829	+	3	2	R.KLTDQALDLLDTCIAIEELLPELSQGMMLPEALR.T	39
PHEAT+5546	proteomics_heat	3825075	3825107	+	3	2	R.DSNDGFVIAQK.D	15
PHEAT+5547	proteomics_heat	3826971	3827042	+	3	4	M.SVSTLESENAQPVAQTQNSELIYR.L	28
PHEAT+5548	proteomics_heat	3827553	3827609	+	3	2	A.PKNLLLAGVVLALIILLNR.Q	23
PHEAT+5549	proteomics_heat	3828621	3828692	+	3	2	L.AFGAMDHRFSAPSHIVLENVTFGR.D	28
PHEAT+5550	proteomics_heat	3828645	3828692	+	3	4	R.FSAPSHIVLENVTFGR.D	20
PHEAT+5551	proteomics_heat	3828693	3828722	+	3	2	R.DGQPATLVAK.S	14
PHEAT+5552	proteomics_heat	3828768	3828839	+	3	2	R.HVDTILLENGTLNLTDDQTAPLPFK.A	28
PHEAT+5553	proteomics_heat	3829266	3829313	+	3	4	R.LQGPDWAVTDLDSLNR.N	20
PHEAT+5554	proteomics_heat	3829575	3829634	+	3	2	K.NWQQLWMETTPGWLNSLQLK.R	24
PHEAT+5555	proteomics_heat	3829746	3829802	+	3	3	K.WGVWSGSANLNAAAATFNR.V	23
PHEAT+5556	proteomics_heat	3829815	3829886	+	3	2	R.RPSLALTANSSTVNISELAFTEK.G	28
PHEAT+5557	proteomics_heat	3842158	3842208	+	1	2	R.YIAGVGAEYTDAPALQR.I	21
PHEAT+5558	proteomics_heat	3843613	3843687	+	1	2	R.ECGPLPDEPFIQMAFLSLPVIPALK.L	29
PHEAT+5559	proteomics_heat	3846062	3846139	+	2	6	R.LSPYNQSSSRHASRNAAQPLPSQWE.-	30
PHEAT+5560	proteomics_heat	3869063	3869119	+	2	9	W.LLTADAPLSSPAHHHPPDR.R	23
PHEAT+5561	proteomics_heat	3882368	3882394	+	2	2	R.TFQPSVLKR.N	13
PHEAT+5562	proteomics_heat	3882549	3882596	+	3	3	R.LLTPSQFTFVFQQPQR.A	20
PHEAT+5563	proteomics_heat	3882786	3882812	+	3	2	K.KGVADLDNR.A	13
PHEAT+5564	proteomics_heat	3883180	3883275	+	1	2	K.NPQPQAQQTTQTTTTAAGSAADQGV PASGQ GK.L	36
PHEAT+5565	proteomics_heat	3883324	3883365	+	1	4	R.GGDVEQALLPAYPK.E	18
PHEAT+5566	proteomics_heat	3883366	3883449	+	1	4	K.ELNSTQPFQLETSQFIYQAQSGLTGR.D	32
PHEAT+5567	proteomics_heat	3883450	3883503	+	1	3	R.DGPDNPANGPRPLYNVEK.D	22
PHEAT+5568	proteomics_heat	3883504	3883587	+	1	76	K.DAYVLAEGQNELQVPMTYTTDAAGNTFTK.T	32

PHEAT+5569	proteomics_heat	3883519	3883587	+	1	2	L.AEQNELQVPMTYTDAGNTFTK.T	27
PHEAT+5570	proteomics_heat	3883558	3883587	+	1	2	Y.TDAAGNTFTK.T	14
PHEAT+5571	proteomics_heat	3883603	3883689	+	1	7	K.RGDYAVNVNYNVQNAGEKPLEISSFGQLK.Q	33
PHEAT+5572	proteomics_heat	3883606	3883689	+	1	4	R.GDYAVNVNYNVQNAGEKPLEISSFGQLK.Q	32
PHEAT+5573	proteomics_heat	3883690	3883755	+	1	8	K.QSITLPPHLDTGSSNFALHTFR.G	26
PHEAT+5574	proteomics_heat	3883756	3883794	+	1	8	R.GAAYSTPDEKEYE.Y	17
PHEAT+5575	proteomics_heat	3883756	3883785	+	1	2	R.GAAYSTPDEK.Y	14
PHEAT+5576	proteomics_heat	3883795	3883845	+	1	4	K.YKFDTIADNENLNISSEK.G	21
PHEAT+5577	proteomics_heat	3883801	3883845	+	1	2	K.FDTIADNENLNISSEK.G	19
PHEAT+5578	proteomics_heat	3883966	3884046	+	1	6	K.SQPVLVQPGQTGAMNSTLWVGPEIQDK.M	31
PHEAT+5579	proteomics_heat	3884308	3884337	+	1	3	R.ISQEMMALYK.A	14
PHEAT+5580	proteomics_heat	3885193	3885276	+	1	6	R.AFLNDKLDLAQAEAIADLIDASSEQAAR.S	32
PHEAT+5581	proteomics_heat	3885316	3885351	+	1	2	R.VNHLVALTHLR.I	16
PHEAT+5582	proteomics_heat	3885505	3885537	+	1	2	K.VVIAGRPNAGK.S	15
PHEAT+5583	proteomics_heat	3885619	3885675	+	1	3	R.EHIHIDGMPLHIIDTAGLR.E	23
PHEAT+5584	proteomics_heat	3885745	3885819	+	1	2	R.VLFMVDGTTTTDAVDPAEIWPEFIAR.L	29
PHEAT+5585	proteomics_heat	3885853	3885918	+	1	4	R.NKADITGETLGMSEVNGHALIR.L	26
PHEAT+5586	proteomics_heat	3886024	3886071	+	1	3	R.HLQALEQAAEHLQQGK.A	20
PHEAT+5587	proteomics_heat	3887017	3887061	+	1	3	K.NIFGYQYTIPTHQGR.G	19
PHEAT+5588	proteomics_heat	3892687	3892719	+	1	2	K.LQVVTLGSLR.K	15
PHEAT+5589	proteomics_heat	3892762	3892887	+	1	2	K.IAPASMEVNALPSIADIPLYDADVQEEGFPATVEALAEQIR.Q	46
PHEAT+5590	proteomics_heat	3892795	3892887	+	1	2	L.PSIADIPLYDADVQEEGFPATVEALAEQIR.Q	35
PHEAT+5591	proteomics_heat	3892951	3892974	+	1	3	K.NAIDWLSR.L	12
PHEAT+5592	proteomics_heat	3892975	3893049	+	1	10	R.LPDQPLAGKPVLIQTSSMGVIGGAR.C	29
PHEAT+5593	proteomics_heat	3893140	3893229	+	1	6	K.VDPQTGEVIDQGTLDHLTGQLTAFGEFIQR.V	34
PHEAT+5594	proteomics_heat	3895391	3895435	+	2	2	K.VTTFTHLSQLPELWK.A	19
PHEAT+5595	proteomics_heat	3925256	3925294	+	2	2	R.LGLIEVQAPILSR.V	17
PHEAT+5596	proteomics_heat	3925295	3925336	+	2	6	R.VGDGTQDNLGCEK.A	18
PHEAT+5597	proteomics_heat	3925412	3925468	+	2	4	R.QLGQHDFDSAGEGLYTHMK.A	23
PHEAT+5598	proteomics_heat	3925493	3925540	+	2	3	R.LSPLHSVYVDQWDWER.V	20
PHEAT+5599	proteomics_heat	3925580	3925612	+	2	3	K.STVEAIWAGIK.A	15
PHEAT+5600	proteomics_heat	3925613	3925705	+	2	4	K.ATEAAVSEEFGLAPFLPDQIHFVHSQELLSR.Y	35
PHEAT+5601	proteomics_heat	3925964	3926029	+	2	9	K.HQLALTGDEDRLLELWHQALLR.G	26
PHEAT+5602	proteomics_heat	3926030	3926074	+	2	2	R.GEMPQTIGGGIGQSR.L	19
PHEAT+5603	proteomics_heat	3926075	3926146	+	2	4	R.LTMLLLQLPHIGQVQCGVWPAAVR.E	28
PHEAT+5604	proteomics_heat	3929540	3929620	+	2	2	K.YLTFVMRADNAGEGGILTMSLAGRNT.S	31
PHEAT+5605	proteomics_heat	3930689	3930739	+	2	2	R.MHEHGNSLEAMIASLEK.S	21
PHEAT+5606	proteomics_heat	3931680	3931703	+	3	2	R.YTTHEQFK.Q	12
PHEAT+5607	proteomics_heat	3932023	3932112	+	1	3	K.SSQEAGIGIIHQELNLIPLQTLIAENIFLGR.E	34
PHEAT+5608	proteomics_heat	3932713	3932757	+	1	2	R.TSGYVTLDGHEVVTR.S	19
PHEAT+5609	proteomics_heat	3932758	3932808	+	1	3	R.SPQDGLANGIVYISED.R.K	21
PHEAT+5610	proteomics_heat	3932956	3933009	+	1	3	K.TPSMEQAIGLLSGGNQK.V	22
PHEAT+5611	proteomics_heat	3934376	3934435	+	2	9	A.KDTIALVVSTLNNPFFVSLK.D	24
PHEAT+5612	proteomics_heat	3934376	3934450	+	2	3	A.KDTIALVVSTLNNPFFVSLKDGAQK.E	29
PHEAT+5613	proteomics_heat	3934451	3934510	+	2	3	K.EADKLGYNLVVLDLSDQNNPAK.E	24
PHEAT+5614	proteomics_heat	3934553	3934603	+	2	3	K.ILLINPTDSDAVGNAVK.M	21

PHEAT+5615	proteomics_heat	3934646	3934705	+	2	6	R.QATKGEVVSHIASDNVLGGK.I	24
PHEAT+5616	proteomics_heat	3934658	3934705	+	2	8	K.GEVVSHIASDNVLGGK.I	20
PHEAT+5617	proteomics_heat	3934706	3934729	+	2	2	K.IAGDYIAK.K	12
PHEAT+5618	proteomics_heat	3934793	3934834	+	2	2	R.EREGEFQQAVAAHK.F	18
PHEAT+5619	proteomics_heat	3934799	3934834	+	2	7	R.GEGFQQAVAAHK.F	16
PHEAT+5620	proteomics_heat	3934880	3934972	+	2	2	K.GLNMVQNLLTAHPDVQAVFAQNDALGALR.A	35
PHEAT+5621	proteomics_heat	3934994	3935041	+	2	3	K.SDVMVVGFDGTPDGEK.A	20
PHEAT+5622	proteomics_heat	3935060	3935104	+	2	3	K.LAATIAQLPDQIGAK.G	19
PHEAT+5623	proteomics_heat	3935539	3935589	+	1	2	R.QQLATDNIDITPVSVIK.G	21
PHEAT+5624	proteomics_heat	3935710	3935778	+	1	5	R.IANASALLMQLESPLESVMAAAK.I	27
PHEAT+5625	proteomics_heat	3935830	3935895	+	1	2	R.ELPDELLALVDIITPNETEAEK.L	26
PHEAT+5626	proteomics_heat	3935830	3935910	+	1	2	R.ELPDELLALVDIITPNETEAEKLTGIR.V	31
PHEAT+5627	proteomics_heat	3935938	3935961	+	1	2	K.AAQVLHEK.G	12
PHEAT+5628	proteomics_heat	3936145	3936180	+	1	4	R.FAHA AAAIAVTR.K	16
PHEAT+5629	proteomics_heat	3946178	3946198	+	2	6	R.HGDFTIK.E	11
PHEAT+5630	proteomics_heat	3946220	3946255	+	2	13	R.HGYAFNELDLGK.R	16
PHEAT+5631	proteomics_heat	3946220	3946258	+	2	2	R.HGYAFNELDLGKR.E	17
PHEAT+5632	proteomics_heat	3946220	3946282	+	2	2	R.HGYAFNELDLGKREPVT EEEK.L	25
PHEAT+5633	proteomics_heat	3946256	3946303	+	2	7	K.REPVTEEEKLFVAVCR.G	20
PHEAT+5634	proteomics_heat	3946259	3946303	+	2	3	R.EPVTEEEKLFVAVCR.G	19
PHEAT+5635	proteomics_heat	3946304	3946336	+	2	9	R.GEREPVTEAER.V	15
PHEAT+5636	proteomics_heat	3946376	3946444	+	2	7	K.RFHTLSGGKPKQVEGAEDYTDSDD.-	27
PHEAT+5637	proteomics_heat	3946379	3946444	+	2	2	R.FHTLSGGKPKQVEGAEDYTDSDD.-	26
PHEAT+5638	proteomics_heat	3948583	3948618	+	1	5	T.MNGAQWVVHALR.A	16
PHEAT+5639	proteomics_heat	3948619	3948717	+	1	4	R.AQGVNTVFGYPGGAIMPVYDALYDGGVEHLLCR.H	37
PHEAT+5640	proteomics_heat	3948718	3948759	+	1	4	R.HEQGAAMAAIGYAR.A	18
PHEAT+5641	proteomics_heat	3948952	3948990	+	1	9	K.HSFLVQSLEELPR.I	17
PHEAT+5642	proteomics_heat	3948991	3949059	+	1	2	R.IMAEAFDVACSGRPGPVLVDIPK.D	27
PHEAT+5643	proteomics_heat	3949060	3949152	+	1	3	K.DIQLASGDLEPWFTTVENEVTFPHAEVEQAR.Q	35
PHEAT+5644	proteomics_heat	3949279	3949344	+	1	2	K.GLGAVEADYPYLGMLGMHGTK.A	26
PHEAT+5645	proteomics_heat	3949345	3949398	+	1	6	K.AANFAVQECDLLIAVGAR.F	22
PHEAT+5646	proteomics_heat	3949423	3949488	+	1	5	K.LNTFAPHASVIHMDIDPAEMNK.L	26
PHEAT+5647	proteomics_heat	3949495	3949563	+	1	4	R.QAHVALQGDLNALLPALQQPLNQ.-	27
PHEAT+5648	proteomics_heat	3950519	3950557	+	2	14	K.KADYIWFNGEMVR.W	17
PHEAT+5649	proteomics_heat	3950591	3950629	+	2	4	H.ALHYGTSVFEGIR.C	17
PHEAT+5650	proteomics_heat	3950630	3950665	+	2	2	R.CYDSHKGPPVFR.H	16
PHEAT+5651	proteomics_heat	3950705	3950758	+	2	5	K.IYRFPVQSIDELMEACR.D	22
PHEAT+5652	proteomics_heat	3950714	3950758	+	2	3	R.FPVSQSIDELMEACR.D	19
PHEAT+5653	proteomics_heat	3950954	3950986	+	2	3	R.AAPNTIPTAAK.A	15
PHEAT+5654	proteomics_heat	3950987	3951034	+	2	7	K.AGGNYLSSLLVGSEAR.R	20
PHEAT+5655	proteomics_heat	3951092	3951175	+	2	3	G.AGENLFEVKDGVLFPPFTSSALPGITR.D	32
PHEAT+5656	proteomics_heat	3951119	3951175	+	2	11	K.DGVLFPPFTSSALPGITR.D	23
PHEAT+5657	proteomics_heat	3951137	3951175	+	2	3	T.PPFTSSALPGITR.D	17
PHEAT+5658	proteomics_heat	3951305	3951337	+	2	2	R.SVDGIQVGEGR.C	15
PHEAT+5659	proteomics_heat	3951675	3951716	+	3	2	K.LVAEQIEAAGGVAK.E	18
PHEAT+5660	proteomics_heat	3951717	3951791	+	3	2	K.EFNITAVDDGIAMGHGGM LYS LPSR.E	29

PHEAT+5661	proteomics_heat	3951873	3951905	+	3	2	K.ITPGMLMASLR.L	15
PHEAT+5662	proteomics_heat	3951906	3951956	+	3	2	R.LNIPVIFVSGGPMEAGK.T	21
PHEAT+5663	proteomics_heat	3951984	3952025	+	3	2	K.LDLVDAMIQGADPK.V	18
PHEAT+5664	proteomics_heat	3952026	3952058	+	3	3	K.VSDSQSDQVER.S	15
PHEAT+5665	proteomics_heat	3952233	3952271	+	3	2	K.RYYEQNDESALPR.N	17
PHEAT+5666	proteomics_heat	3952236	3952271	+	3	3	R.YYEQNDESALPR.N	16
PHEAT+5667	proteomics_heat	3952551	3952625	+	3	7	K.NVLGLTLPQTLEQYDVMLTQDDAVK.N	29
PHEAT+5668	proteomics_heat	3952659	3952688	+	3	3	R.TTQAFSQDCR.W	14
PHEAT+5669	proteomics_heat	3952755	3952811	+	3	3	K.DGGLAVLYGNFAENGCIVK.T	23
PHEAT+5670	proteomics_heat	3952812	3952841	+	3	2	K.TAGVDDSilk.F	14
PHEAT+5671	proteomics_heat	3952860	3952907	+	3	5	K.VYESQDDAVEAILGGK.V	20
PHEAT+5672	proteomics_heat	3952953	3953000	+	3	6	K.GGPGMQEMLYPTSFLK.S	20
PHEAT+5673	proteomics_heat	3953163	3953204	+	3	2	R.GIQLQVSDAELAR.R	18
PHEAT+5674	proteomics_heat	3953283	3953315	+	3	5	R.AYASLATSADK.G	15
PHEAT+5675	proteomics_heat	3953420	3953461	+	2	4	R.APVYEAQVTPQLK.M	18
PHEAT+5676	proteomics_heat	3953588	3953653	+	2	3	K.AHGVTASAGNHAQGVAFSSAR.L	26
PHEAT+5677	proteomics_heat	3953720	3953770	+	2	6	R.GFGGEVLLHGAFDEAK.A	21
PHEAT+5678	proteomics_heat	3954017	3954055	+	2	2	K.AALDAGHPVDLPR.V	17
PHEAT+5679	proteomics_heat	3954113	3954178	+	2	2	R.LCQEYLLDDIITVDSDAICAAMK.D	26
PHEAT+5680	proteomics_heat	3954281	3954328	+	2	3	R.LAHILSGANVNFHGLR.Y	20
PHEAT+5681	proteomics_heat	3954416	3954439	+	2	2	K.FCQLLGGGR.S	12
PHEAT+5682	proteomics_heat	3954530	3954601	+	2	2	R.KEILQMLNDGGYSVVDLSDDEMAK.L	28
PHEAT+5683	proteomics_heat	3954533	3954601	+	2	3	K.EILQMLNDGGYSVVDLSDDEMAK.L	27
PHEAT+5684	proteomics_heat	3954656	3954700	+	2	5	R.LYSFEFPESPGALLR.F	19
PHEAT+5685	proteomics_heat	3955996	3956025	+	1	7	M.ANYFNTLNL.R.Q	14
PHEAT+5686	proteomics_heat	3956056	3956106	+	1	17	R.FMGRDEFADGASYLQGK.K	21
PHEAT+5687	proteomics_heat	3956056	3956100	+	1	2	R.FMGRDEFADGASYLQ.G	19
PHEAT+5688	proteomics_heat	3956068	3956106	+	1	31	R.DEFADGASYLQGK.K	17
PHEAT+5689	proteomics_heat	3956107	3956163	+	1	27	K.KVVIVGCGAQGLNQGLNMR.D	23
PHEAT+5690	proteomics_heat	3956107	3956145	+	1	3	K.KVVIVGCGAQGLN.Q	17
PHEAT+5691	proteomics_heat	3956107	3956157	+	1	5	K.KVVIVGCGAQGLNQGLN.M	21
PHEAT+5692	proteomics_heat	3956107	3956136	+	1	5	K.KVVIVGCGAQ.G	14
PHEAT+5693	proteomics_heat	3956110	3956163	+	1	57	K.VVIVGCGAQGLNQGLNMR.D	22
PHEAT+5694	proteomics_heat	3956137	3956163	+	1	2	Q.GLNQGLNMR.D	13
PHEAT+5695	proteomics_heat	3956164	3956196	+	1	13	R.DSGLDISYALR.K	15
PHEAT+5696	proteomics_heat	3956164	3956199	+	1	5	R.DSGLDISYALRK.E	16
PHEAT+5697	proteomics_heat	3956257	3956340	+	1	26	K.VGTYEELIPQADLVINLTPDKQHSDVVR.T	32
PHEAT+5698	proteomics_heat	3956257	3956319	+	1	28	K.VGTYEELIPQADLVINLTPDK.Q	25
PHEAT+5699	proteomics_heat	3956362	3956424	+	1	14	K.DGAALGYSHGFNIVEVGEQIR.K	25
PHEAT+5700	proteomics_heat	3956362	3956427	+	1	98	K.DGAALGYSHGFNIVEVGEQIRK.D	26
PHEAT+5701	proteomics_heat	3956362	3956388	+	1	3	K.DGAALGYSH.G	13
PHEAT+5702	proteomics_heat	3956383	3956424	+	1	4	Y.SHGFNIVEVGEQIR.K	18
PHEAT+5703	proteomics_heat	3956383	3956427	+	1	2	Y.SHGFNIVEVGEQIRK.D	19
PHEAT+5704	proteomics_heat	3956425	3956457	+	1	12	R.KDITVVMVAPK.C	15
PHEAT+5705	proteomics_heat	3956428	3956457	+	1	27	K.DITVVMVAPK.C	14
PHEAT+5706	proteomics_heat	3956458	3956490	+	1	3	K.CPGTEVREEYK.R	15

PHEAT+5707	proteomics_heat	3956491	3956544	+	1	2	K.RGFGVPTLIAVHPENDPK.G	22
PHEAT+5708	proteomics_heat	3956494	3956568	+	1	10	R.GFGVPTLIAVHPENDPKGEGMAIAK.A	29
PHEAT+5709	proteomics_heat	3956494	3956544	+	1	14	R.GFGVPTLIAVHPENDPK.G	21
PHEAT+5710	proteomics_heat	3956569	3956598	+	1	9	K.AWAAATGGHR.A	14
PHEAT+5711	proteomics_heat	3956599	3956637	+	1	57	R.AGVLESSFVAEVK.S	17
PHEAT+5712	proteomics_heat	3956638	3956748	+	1	67	K.SDLMGEQTILCGMLQAGSLLCFDKLVEEGTDPAYAEK.L	41
PHEAT+5713	proteomics_heat	3956638	3956709	+	1	456	K.SDLMGEQTILCGMLQAGSLLCFDK.L	28
PHEAT+5714	proteomics_heat	3956710	3956748	+	1	30	K.LVEEGTDPAYAEK.L	17
PHEAT+5715	proteomics_heat	3956710	3956790	+	1	2	K.LVEEGTDPAYAEKLIQFGWETITEALK.Q	31
PHEAT+5716	proteomics_heat	3956716	3956748	+	1	2	V.EEGTDPAYAEK.L	15
PHEAT+5717	proteomics_heat	3956719	3956748	+	1	2	E.EGTDPAYAEK.L	14
PHEAT+5718	proteomics_heat	3956749	3956790	+	1	132	K.LIQFGWETITEALK.Q	18
PHEAT+5719	proteomics_heat	3956791	3956820	+	1	2	K.QGGITLMMDR.L	14
PHEAT+5720	proteomics_heat	3956845	3956898	+	1	14	R.AYALSEQLKEIMAPLFQK.H	22
PHEAT+5721	proteomics_heat	3956845	3956871	+	1	11	R.AYALSEQLK.E	13
PHEAT+5722	proteomics_heat	3956872	3956898	+	1	7	K.EIMAPLFQK.H	13
PHEAT+5723	proteomics_heat	3956899	3956970	+	1	272	K.HMDDIISGEFSSGMMADWANDDKK.L	28
PHEAT+5724	proteomics_heat	3956986	3957036	+	1	3	R.EETGKTAFETAPQYEGK.I	21
PHEAT+5725	proteomics_heat	3957001	3957036	+	1	16	K.TAFETAPQYEGK.I	16
PHEAT+5726	proteomics_heat	3957037	3957063	+	1	6	K.IGEQEYFDK.G	13
PHEAT+5727	proteomics_heat	3957037	3957090	+	1	56	K.IGEQEYFDKGVLMIAMVK.A	22
PHEAT+5728	proteomics_heat	3957064	3957090	+	1	13	K.GVLMIAMVK.A	13
PHEAT+5729	proteomics_heat	3957091	3957201	+	1	217	K.AGVELAFETMVDSGIIEESAYYESLHELPLIANTIAR.K	41
PHEAT+5730	proteomics_heat	3957160	3957201	+	1	2	E.SLHELPLIANTIAR.K	18
PHEAT+5731	proteomics_heat	3957253	3957330	+	1	2	G.NYLFSYACVPLLKPFMAELQPGDLGK.A	30
PHEAT+5732	proteomics_heat	3957256	3957330	+	1	2	N.YLFSYACVPLLKPFMAELQPGDLGK.A	29
PHEAT+5733	proteomics_heat	3957265	3957330	+	1	4	F.SYACVPLLKPFMAELQPGDLGK.A	26
PHEAT+5734	proteomics_heat	3957268	3957330	+	1	7	S.YACVPLLKPFMAELQPGDLGK.A	25
PHEAT+5735	proteomics_heat	3957271	3957330	+	1	2	Y.ACVPPLLKPFMAELQPGDLGK.A	24
PHEAT+5736	proteomics_heat	3957274	3957330	+	1	2	A.CVPLLKPFMAELQPGDLGK.A	23
PHEAT+5737	proteomics_heat	3957286	3957330	+	1	10	L.LKPFMAELQPGDLGK.A	19
PHEAT+5738	proteomics_heat	3957298	3957330	+	1	6	F.MAELQPGDLGK.A	15
PHEAT+5739	proteomics_heat	3957331	3957390	+	1	2	K.AIPEGAVDNGQLRDVNEAIR.S	24
PHEAT+5740	proteomics_heat	3957331	3957369	+	1	11	K.AIPEGAVDNGQLR.D	17
PHEAT+5741	proteomics_heat	3957370	3957390	+	1	3	R.DVNEAIR.S	11
PHEAT+5742	proteomics_heat	3957391	3957417	+	1	19	R.SHAIEQVGK.K	13
PHEAT+5743	proteomics_heat	3957391	3957420	+	1	4	R.SHAIEQVGKK.L	14
PHEAT+5744	proteomics_heat	3957427	3957447	+	1	3	R.GYMTDMK.R	11
PHEAT+5745	proteomics_heat	3957427	3957450	+	1	2	R.GYMTDMKR.I	12
PHEAT+5746	proteomics_heat	3959228	3959287	+	2	5	K.ACNVLDFFDLILLPTLLLQR.N	24
PHEAT+5747	proteomics_heat	3959453	3959506	+	2	3	R.GARPQNLVLLSQDFPALK.V	22
PHEAT+5748	proteomics_heat	3960383	3960478	+	2	2	K.GLEFFYVYVMVGMEEGFLPHQSSIDEDNIDEER.R	36
PHEAT+5749	proteomics_heat	3963787	3963840	+	1	4	M.SDKIIHLTDDSFDTDVLK.A	22
PHEAT+5750	proteomics_heat	3963796	3963840	+	1	10	K.IIHLTDDSFDTDVLK.A	19
PHEAT+5751	proteomics_heat	3963841	3963894	+	1	12	K.ADGAILVDFWAEWCGPCK.M	22
PHEAT+5752	proteomics_heat	3963895	3963942	+	1	14	K.MIAPILDEIADEYQGK.L	20

PHEAT+5753	proteomics_heat	3963958	3963993	+	1	7	K.LNIDQNPGTAPK.Y	16
PHEAT+5754	proteomics_heat	3964075	3964110	+	1	2	K.GQLKEFLDANLA.-	16
PHEAT+5755	proteomics_heat	3964461	3964523	+	3	16	K.NTPVSELITLGENMGLENLAR.M	25
PHEAT+5756	proteomics_heat	3964530	3964559	+	3	6	R.KQDIIFAILK.Q	14
PHEAT+5757	proteomics_heat	3964572	3964637	+	3	73	K.SGEDIFGDGVLEILQDGFGLR.S	26
PHEAT+5758	proteomics_heat	3964638	3964700	+	3	4	R.SADSSYLAGPDDIYVSPSQIR.R	25
PHEAT+5759	proteomics_heat	3964785	3964823	+	3	11	K.VNEVNFDPENAR.N	17
PHEAT+5760	proteomics_heat	3964830	3964871	+	3	6	K.ILFENLPLHANSR.L	18
PHEAT+5761	proteomics_heat	3964887	3964919	+	3	3	R.GNGSTEDLTAR.V	15
PHEAT+5762	proteomics_heat	3964920	3964949	+	3	4	R.VLDLASPIGR.G	14
PHEAT+5763	proteomics_heat	3964959	3964982	+	3	2	R.GLIVAPPK.A	12
PHEAT+5764	proteomics_heat	3965112	3965153	+	3	5	K.GEVVASTFDEPASR.H	18
PHEAT+5765	proteomics_heat	3965154	3965186	+	3	22	R.HVQVAEMVIEK.A	15
PHEAT+5766	proteomics_heat	3965214	3965246	+	3	2	K.DVIILLDSITR.L	15
PHEAT+5767	proteomics_heat	3965256	3965288	+	3	2	R.AYNTVVPASGK.V	15
PHEAT+5768	proteomics_heat	3965289	3965333	+	3	5	K.VLTGGVDANALHRPK.R	19
PHEAT+5769	proteomics_heat	3965355	3965417	+	3	72	R.NVEEGSLTIATALIDTGSK.M	25
PHEAT+5770	proteomics_heat	3965418	3965447	+	3	4	K.MDEVYEEFK.G	14
PHEAT+5771	proteomics_heat	3965448	3965480	+	3	8	K.GTGMELHLSR.K	15
PHEAT+5772	proteomics_heat	3965496	3965525	+	3	7	K.RVFPAYDYNR.S	14
PHEAT+5773	proteomics_heat	3965526	3965576	+	3	2	R.SGTRKEELLTQEELQK.M	21
PHEAT+5774	proteomics_heat	3965538	3965576	+	3	12	R.KEELLTQEELQK.M	17
PHEAT+5775	proteomics_heat	3965592	3965645	+	3	8	R.KIIHPMGEIDAMEFLINK.L	22
PHEAT+5776	proteomics_heat	3965595	3965645	+	3	21	K.IIHPMGEIDAMEFLINK.L	21
PHEAT+5777	proteomics_heat	3965661	3965690	+	3	4	K.TNDDFFEMMK.R	14
PHEAT+5778	proteomics_heat	3967453	3967518	+	1	2	K.ADAALLDEMINNIQFIPGDFTR.A	26
PHEAT+5779	proteomics_heat	3967540	3967581	+	1	2	K.LIAETAPDANNLLR.Q	18
PHEAT+5780	proteomics_heat	3967750	3967776	+	1	4	K.IAEQHNISR.S	13
PHEAT+5781	proteomics_heat	3967777	3967836	+	1	2	R.SATDVPAEELPDSEMFLGR.P	24
PHEAT+5782	proteomics_heat	3967855	3967911	+	1	2	R.LENLQAVGPAFDLDYDQNR.A	23
PHEAT+5783	proteomics_heat	3967912	3967956	+	1	2	R.AMLNLTNMGPTLDPR.F	19
PHEAT+5784	proteomics_heat	3968252	3968275	+	2	3	K.VCVTAQHR.E	12
PHEAT+5785	proteomics_heat	3968300	3968374	+	2	5	K.LFSIVPDYDLNIMQPGQGLTEITCR.I	29
PHEAT+5786	proteomics_heat	3968729	3968773	+	2	2	R.SELAANYPFIDPDKK.M	19
PHEAT+5787	proteomics_heat	3969080	3969124	+	2	2	R.DTTERPEAVTAGTVR.L	19
PHEAT+5788	proteomics_heat	3969170	3969208	+	2	4	R.LLKDENEYQAMSR.A	17
PHEAT+5789	proteomics_heat	3969209	3969247	+	2	3	R.AHNPHYGDGQACSR.I	17
PHEAT+5790	proteomics_heat	3969415	3969459	+	1	2	R.GEIHIVEPDLASVVK.T	19
PHEAT+5791	proteomics_heat	3970150	3970194	+	1	3	R.EVNDHKPFWVIDQVK.A	19
PHEAT+5792	proteomics_heat	3970195	3970233	+	1	2	K.AAVADCLAATDKR.A	17
PHEAT+5793	proteomics_heat	3970749	3970811	+	3	3	R.VFTEHQPDVCMHLAAESHVDR.S	25
PHEAT+5794	proteomics_heat	3970812	3970883	+	3	2	R.SIDGPAAFIETNIVGTYTLLEAAR.A	28
PHEAT+5795	proteomics_heat	3971037	3971060	+	3	5	K.ASSDHLVR.A	12
PHEAT+5796	proteomics_heat	3971037	3971060	+	3	5	K.ASSDHLVR.A	12
PHEAT+5797	proteomics_heat	3971142	3971180	+	3	2	K.LIPLMILNALAGK.S	17
PHEAT+5798	proteomics_heat	3971247	3971276	+	3	2	R.ALYCVATTGK.V	14

PHEAT+5799	proteomics_heat	3971277	3971315	+	3	2	K.VGETYNIGGHNER.K	17
PHEAT+5800	proteomics_heat	3971562	3971594	+	3	2	K.QVQDGSYQGER.L	15
PHEAT+5801	proteomics_heat	3971634	3971669	+	3	2	R.KGIILAGGSGTR.L	16
PHEAT+5802	proteomics_heat	3971634	3971669	+	3	2	R.KGIILAGGSGTR.L	16
PHEAT+5803	proteomics_heat	3971637	3971669	+	3	2	K.GIILAGGSGTR.L	15
PHEAT+5804	proteomics_heat	3971637	3971669	+	3	2	K.GIILAGGSGTR.L	15
PHEAT+5805	proteomics_heat	3972282	3972359	+	3	2	R.GFAWLDTGTHDSLIEASTFVQTVEKR.Q	30
PHEAT+5806	proteomics_heat	3973169	3973243	+	2	2	H.MIPFNAPPVVGTELDYMQSAMGSGK.L	29
PHEAT+5807	proteomics_heat	3973451	3973525	+	2	4	K.IVFVDVRPDTMNIETLIEAAITDK.T	29
PHEAT+5808	proteomics_heat	3973598	3973654	+	2	2	K.KHNLFVVEDAAQGVMMSTYK.G	23
PHEAT+5809	proteomics_heat	3973712	3973759	+	2	2	K.NYTAGGEGGATLINDK.A	20
PHEAT+5810	proteomics_heat	3973940	3973987	+	2	3	R.LALWQNYDALAPLAK.A	20
PHEAT+5811	proteomics_heat	3974102	3974191	+	2	2	K.EAEIMAVFHYIPLHGCPAGEHFGEFHGEDR.Y	34
PHEAT+5812	proteomics_heat	3974532	3974606	+	3	2	R.RVVGTSAMVLFSTLMALVFVLA.A	29
PHEAT+5813	proteomics_heat	3976157	3976189	+	2	3	R.AVHQQFGDVK.V	15
PHEAT+5814	proteomics_heat	3978042	3978089	+	3	2	R.DMQHALDYLFADGQLK.Q	20
PHEAT+5815	proteomics_heat	3987745	3987801	+	1	2	P.GENSISGKCQATCPSVRRR.L	23
PHEAT+5816	proteomics_heat	3990316	3990360	+	1	4	R.EAHNELLDAMMQSYR.N	19
PHEAT+5817	proteomics_heat	3990385	3990435	+	1	2	R.NNLSVSASPQDIGVLR.K	21
PHEAT+5818	proteomics_heat	3990583	3990633	+	1	3	R.APNIESIISHQPLEYNR.Y	21
PHEAT+5819	proteomics_heat	3990733	3990777	+	1	4	K.LQEMVADVSHHFPLR.L	19
PHEAT+5820	proteomics_heat	3990994	3991038	+	1	2	R.TLHFNGEQSMIEALK.T	19
PHEAT+5821	proteomics_heat	3991054	3991116	+	1	2	K.MHQDAAPPDSEVFCYSQHLR.G	25
PHEAT+5822	proteomics_heat	3992644	3992712	+	1	10	K.NAPPPTKPVETQTQSTVDPKNDR.A	27
PHEAT+5823	proteomics_heat	3992800	3992877	+	1	9	K.MHGLGNDFMVDVAVTQNVFFSPELIR.R	30
PHEAT+5824	proteomics_heat	3992893	3992967	+	1	6	R.HLGVGFDQLLVPEPPYDELDFHYR.I	29
PHEAT+5825	proteomics_heat	3992968	3993018	+	1	5	R.IFNADGSEVAQCNGAR.C	21
PHEAT+5826	proteomics_heat	3993130	3993177	+	1	4	R.VNMGEPNFEPSAVPFR.A	20
PHEAT+5827	proteomics_heat	3993541	3993606	+	1	5	K.GPGHPLYMTGPAVHVYDGFHIL.-	26
PHEAT+5828	proteomics_heat	3993999	3994028	+	3	2	R.LGAPSNHHTL.A	14
PHEAT+5829	proteomics_heat	3994784	3994825	+	2	2	K.HLDLESGEVWVMGK.G	18
PHEAT+5830	proteomics_heat	3995233	3995295	+	1	3	R.ISALTFDLDDTLYDNRPVILR.T	25
PHEAT+5831	proteomics_heat	3995440	3995526	+	1	3	R.SIEQAMLDAGLSAEEASAGAHAAMINFAK.W	33
PHEAT+5832	proteomics_heat	3995533	3995574	+	1	2	R.SRIDVPQQTHDTLK.Q	18
PHEAT+5833	proteomics_heat	3995689	3995730	+	1	3	R.SKPFSDMYFLAAEK.L	18
PHEAT+5834	proteomics_heat	3995731	3995802	+	1	4	K.LNVPIGEILHVGDDLTTDVGGAIR.S	28
PHEAT+5835	proteomics_heat	3996072	3996110	+	3	2	R.SNLLVLGAGSGK.T	17
PHEAT+5836	proteomics_heat	3996303	3996368	+	3	2	R.AHHMDANLPQDFQILDSEDQLR.L	26
PHEAT+5837	proteomics_heat	3996777	3996803	+	3	2	R.GAQVENIQR.F	13
PHEAT+5838	proteomics_heat	3997386	3997454	+	3	3	R.FMELIDALAQETADMPLHVQTDR.V	27
PHEAT+5839	proteomics_heat	3999491	3999565	+	2	4	R.LEVEESQPLVNAVWIDLVEPDDDER.L	29
PHEAT+5840	proteomics_heat	3999491	3999571	+	2	2	R.LEVEESQPLVNAVWIDLVEPDDDERLR.V	31
PHEAT+5841	proteomics_heat	3999572	3999640	+	2	5	R.VQSELGQSLATRPELEDIEASAR.F	27
PHEAT+5842	proteomics_heat	3999809	3999868	+	2	7	R.SQSMVDGNAYELLLDLFETK.I	24
PHEAT+5843	proteomics_heat	3999869	3999928	+	2	7	K.IEQLADEIENIYSDLEQLSR.V	24
PHEAT+5844	proteomics_heat	3999929	4000009	+	2	4	R.VIMEGHQGDEYDEALSTLAELEDIGWK.V	31

PHEAT+5845	proteomics_heat	4000064	4000099	+	2	2	K.ARLPGGQLEQAR.E	16
PHEAT+5846	proteomics_heat	4003182	4003229	+	3	2	R.GILGPNSVLGASYTQK.S	20
PHEAT+5847	proteomics_heat	4003230	4003274	+	3	2	K.SWWQLSNSEESSPFR.E	19
PHEAT+5848	proteomics_heat	4008430	4008477	+	1	4	R.VHDLDGNLIFAHNLDR.D	20
PHEAT+5849	proteomics_heat	4008478	4008543	+	1	4	R.DIASDLFGVVNDNPDITNVYR.D	26
PHEAT+5850	proteomics_heat	4008598	4008660	+	1	3	K.EAVFYALYEPGLLEPEGVSK.V	25
PHEAT+5851	proteomics_heat	4008661	4008723	+	1	2	K.VFFTCDSHEQLLPLEQAINAR.W	25
PHEAT+5852	proteomics_heat	4008796	4008822	+	1	3	K.GHALEAVAK.K	13
PHEAT+5853	proteomics_heat	4008844	4008903	+	1	3	K.DCIAFGDGMNDAEMLSMAGK.G	24
PHEAT+5854	proteomics_heat	4008934	4009005	+	1	2	R.LKDLHPELEVIGTNADDAVPHYLR.K	28
PHEAT+5855	proteomics_heat	4011079	4011111	+	1	65	M.TILNHTLGFPR.V	15
PHEAT+5856	proteomics_heat	4011085	4011111	+	1	4	I.LNHTLGFPR.V	13
PHEAT+5857	proteomics_heat	4011091	4011111	+	1	2	N.HTLGFPR.V	11
PHEAT+5858	proteomics_heat	4011136	4011174	+	1	18	K.KAQESYWAGNSTR.E	17
PHEAT+5859	proteomics_heat	4011139	4011174	+	1	11	K.AQESYWAGNSTR.E	16
PHEAT+5860	proteomics_heat	4011175	4011198	+	1	7	R.EELLAVGR.E	12
PHEAT+5861	proteomics_heat	4011232	4011324	+	1	39	K.QAGIDLLPVGDFAWYDHLTTSLLLGNVPAR.H	35
PHEAT+5862	proteomics_heat	4011277	4011324	+	1	7	Y.DHVLTTSLLLGNVPAR.H	20
PHEAT+5863	proteomics_heat	4011325	4011369	+	1	47	R.HQNKDGSVDIDTLFR.I	19
PHEAT+5864	proteomics_heat	4011337	4011369	+	1	19	K.DGSVDIDTLFR.I	15
PHEAT+5865	proteomics_heat	4011379	4011426	+	1	51	R.GRAPTGEPAAAAEMTK.W	20
PHEAT+5866	proteomics_heat	4011385	4011426	+	1	21	R.APTGEPAAAAEMTK.W	18
PHEAT+5867	proteomics_heat	4011400	4011426	+	1	2	E.PAAAAEMTK.W	13
PHEAT+5868	proteomics_heat	4011427	4011471	+	1	123	K.WFNTNYHYMVPEFVK.G	19
PHEAT+5869	proteomics_heat	4011427	4011495	+	1	7	K.WFNTNYHYMVPEFVKGQQFKLTW.T	27
PHEAT+5870	proteomics_heat	4011427	4011453	+	1	6	K.WFNTNYHYM.V	13
PHEAT+5871	proteomics_heat	4011427	4011450	+	1	4	K.WFNTNYHY.M	12
PHEAT+5872	proteomics_heat	4011433	4011471	+	1	2	F.NTNYHYMVPEFVK.G	17
PHEAT+5873	proteomics_heat	4011436	4011471	+	1	7	N.TNYHYMVPEFVK.G	16
PHEAT+5874	proteomics_heat	4011487	4011543	+	1	42	K.LTWTQLLDEVDEALALGHK.V	23
PHEAT+5875	proteomics_heat	4011544	4011591	+	1	94	K.VKPVLGPTWLVWLK.V	20
PHEAT+5876	proteomics_heat	4011544	4011579	+	1	3	K.VKPVLGPTWLVWL.W	16
PHEAT+5877	proteomics_heat	4011544	4011585	+	1	3	K.VKPVLGPTWLVWL.G	18
PHEAT+5878	proteomics_heat	4011562	4011591	+	1	8	L.GPVTWLVWLK.V	14
PHEAT+5879	proteomics_heat	4011592	4011615	+	1	3	K.VKGEQFDR.L	12
PHEAT+5880	proteomics_heat	4011613	4011675	+	1	28	D.RLSLLNDILPVYQQVLAELAK.R	25
PHEAT+5881	proteomics_heat	4011616	4011675	+	1	52	R.LSLLNDILPVYQQVLAELAK.R	24
PHEAT+5882	proteomics_heat	4011616	4011678	+	1	15	R.LSLLNDILPVYQQVLAELAKR.G	25
PHEAT+5883	proteomics_heat	4011619	4011675	+	1	4	L.SLLNDILPVYQQVLAELAK.R	23
PHEAT+5884	proteomics_heat	4011640	4011678	+	1	2	L.PVYQQVLAELAKR.G	17
PHEAT+5885	proteomics_heat	4011646	4011675	+	1	2	V.YQQVLAELAK.R	14
PHEAT+5886	proteomics_heat	4011679	4011786	+	1	50	R.GIEWVQIDEPALVLELPQAWLDAYKPAYDALQGQVK.L	40
PHEAT+5887	proteomics_heat	4011727	4011786	+	1	9	L.PQAWLDAYKPAYDALQGQVK.L	24
PHEAT+5888	proteomics_heat	4011787	4011834	+	1	2	K.LLLTTYFEGVTPNLDI.I	20
PHEAT+5889	proteomics_heat	4011787	4011909	+	1	27	K.LLLTTYFEGVTPNLDITITALPVQGLHVDLVHGKDDVAELHK.R	45
PHEAT+5890	proteomics_heat	4011787	4011912	+	1	25	K.LLLTTYFEGVTPNLDITITALPVQGLHVDLVHGKDDVAELHKR.L	46

PHEAT+5891	proteomics_heat	4011787	4011885	+	1	38	K.LLLTTYFEGVTPNLDITALPVQGLHVDLVHGK.D	37
PHEAT+5892	proteomics_heat	4011787	4011861	+	1	2	K.LLLTTYFEGVTPNLDITALPVQGL.H	29
PHEAT+5893	proteomics_heat	4011844	4011909	+	1	2	A.LPVQGLHVDLVHGKDDVAELHK.R	26
PHEAT+5894	proteomics_heat	4011847	4011912	+	1	3	L.PVQGLHVDLVHGKDDVAELHKR.L	26
PHEAT+5895	proteomics_heat	4011847	4011909	+	1	7	L.PVQGLHVDLVHGKDDVAELHK.R	25
PHEAT+5896	proteomics_heat	4011886	4011912	+	1	17	K.DDVAELHKR.L	13
PHEAT+5897	proteomics_heat	4011886	4011909	+	1	4	K.DDVAELHK.R	12
PHEAT+5898	proteomics_heat	4011910	4011951	+	1	2	K.RLPSDWLLSAGLIN.G	18
PHEAT+5899	proteomics_heat	4011910	4011957	+	1	32	K.RLPSDWLLSAGLINGR.N	20
PHEAT+5900	proteomics_heat	4011913	4011957	+	1	53	R.LPSDWLLSAGLINGR.N	19
PHEAT+5901	proteomics_heat	4011988	4012017	+	1	2	K.YAQIKDIVGK.R	14
PHEAT+5902	proteomics_heat	4011991	4012086	+	1	9	Y.AQIKDIVGKRDLWVASSCSLLHSPIDLSVETR.L	36
PHEAT+5903	proteomics_heat	4012018	4012086	+	1	9	K.RDLWVASSCSLLHSPIDLSVETR.L	27
PHEAT+5904	proteomics_heat	4012021	4012086	+	1	162	R.DLWVASSCSLLHSPIDLSVETR.L	26
PHEAT+5905	proteomics_heat	4012045	4012086	+	1	2	C.SLLHSPIDLSVETR.L	18
PHEAT+5906	proteomics_heat	4012105	4012131	+	1	11	K.SWFALQK.C	13
PHEAT+5907	proteomics_heat	4012132	4012155	+	1	15	K.CHELALLR.D	12
PHEAT+5908	proteomics_heat	4012156	4012218	+	1	44	R.DALNSGDTAALAEWSAPIQAR.R	25
PHEAT+5909	proteomics_heat	4012234	4012257	+	1	3	R.VHNPAVEK.R	12
PHEAT+5910	proteomics_heat	4012258	4012293	+	1	19	K.RLAAITAQDSQR.A	16
PHEAT+5911	proteomics_heat	4012261	4012293	+	1	41	R.LAAITAQDSQR.A	15
PHEAT+5912	proteomics_heat	4012315	4012398	+	1	7	R.AEAQRARFKLPAWPTTTIGSFQTTTEIR.T	32
PHEAT+5913	proteomics_heat	4012336	4012398	+	1	160	R.FKLPWPTTTIGSFQTTTEIR.T	25
PHEAT+5914	proteomics_heat	4012336	4012383	+	1	8	R.FKLPWPTTTIGSFQ.T	20
PHEAT+5915	proteomics_heat	4012336	4012374	+	1	7	R.FKLPWPTTTIGS.F	17
PHEAT+5916	proteomics_heat	4012342	4012398	+	1	14	K.LPAWPTTTIGSFQTTTEIR.T	23
PHEAT+5917	proteomics_heat	4012375	4012398	+	1	8	S.FPQTTTEIR.T	12
PHEAT+5918	proteomics_heat	4012420	4012449	+	1	26	K.KGNLDANNYR.T	14
PHEAT+5919	proteomics_heat	4012423	4012449	+	1	5	K.GNLDANNYR.T	13
PHEAT+5920	proteomics_heat	4012450	4012473	+	1	16	R.TGIAEHK.Q	12
PHEAT+5921	proteomics_heat	4012498	4012536	+	1	58	R.LGLDVLVHGEAER.N	17
PHEAT+5922	proteomics_heat	4012537	4012620	+	1	83	R.NDMVEYFGEHLDGFVFTQNGWVQSYGSR.C	32
PHEAT+5923	proteomics_heat	4012561	4012620	+	1	6	G.EHLDGFVFTQNGWVQSYGSR.C	24
PHEAT+5924	proteomics_heat	4012564	4012620	+	1	8	E.HLDGFVFTQNGWVQSYGSR.C	23
PHEAT+5925	proteomics_heat	4012621	4012689	+	1	17	R.CVKPPIVIGDISRPAPITVEWAK.Y	27
PHEAT+5926	proteomics_heat	4012621	4012659	+	1	6	R.CVKPPIVIGDISR.P	17
PHEAT+5927	proteomics_heat	4012687	4012722	+	1	2	A.KYAQSLTDKPKV.G	16
PHEAT+5928	proteomics_heat	4012690	4012722	+	1	53	K.YAQSLTDKPKV.G	15
PHEAT+5929	proteomics_heat	4012723	4012770	+	1	121	K.GMLTGPVTILCWSFPR.E	20
PHEAT+5930	proteomics_heat	4012801	4012887	+	1	1281	K.QIALALRDEVADLEAAGIGIIQIDEPALR.E	33
PHEAT+5931	proteomics_heat	4012822	4012887	+	1	337	R.DEVADLEAAGIGIIQIDEPALR.E	26
PHEAT+5932	proteomics_heat	4012906	4012953	+	1	23	R.RSDWDAYLQWGVAFR.I	20
PHEAT+5933	proteomics_heat	4012909	4012953	+	1	687	R.SDWDAYLQWGVAFR.I	19
PHEAT+5934	proteomics_heat	4012954	4012998	+	1	7	R.INAAVAKDDTQIHTH.M	19
PHEAT+5935	proteomics_heat	4012999	4013079	+	1	12	H.MCYCEFNDIMDSIAALDADVITIETSR.S	31
PHEAT+5936	proteomics_heat	4013005	4013079	+	1	5	C.YCEFNDIMDSIAALDADVITIETSR.S	29

PHEAT+5937	proteomics_heat	4013080	4013157	+	1	2	R.SDMELLESFEEFDYPNEIGPGVYDIH.S	30
PHEAT+5938	proteomics_heat	4013233	4013262	+	1	17	R.LWVNPDCGLK.T	14
PHEAT+5939	proteomics_heat	4013284	4013328	+	1	2	T.RAALANMVQAAQNL.R	19
PHEAT+5940	proteomics_heat	4013287	4013328	+	1	37	R.AALANMVQAAQNL.R	18
PHEAT+5941	proteomics_heat	4013302	4013328	+	1	3	N.MVQAAQNL.R	13
PHEAT+5942	proteomics_heat	4014457	4014492	+	1	2	M.SKSDVFHLGLTK.N	16
PHEAT+5943	proteomics_heat	4014493	4014552	+	1	6	K.NDLQGATLAIVPGDPDRVEK.I	24
PHEAT+5944	proteomics_heat	4014493	4014543	+	1	3	K.NDLQGATLAIVPGDPDR.V	21
PHEAT+5945	proteomics_heat	4014553	4014582	+	1	8	K.IAALMDKPKV.L	14
PHEAT+5946	proteomics_heat	4014616	4014714	+	1	3	R.AELDGGKPVIVCSTGIGGPSTSIAVEELAQLGIR.T	37
PHEAT+5947	proteomics_heat	4014727	4014798	+	1	33	R.IGTTGAIQPHINVGDLVTTASVR.L	28
PHEAT+5948	proteomics_heat	4014799	4014888	+	1	66	R.LDGASLHFAPLEFPAVADFECTALVEAAK.S	34
PHEAT+5949	proteomics_heat	4014889	4014957	+	1	8	K.SIGATTHVGVVTASSDTFYPGQER.Y	27
PHEAT+5950	proteomics_heat	4015090	4015122	+	1	4	R.AGMVAGVIVNR.T	15
PHEAT+5951	proteomics_heat	4015123	4015158	+	1	4	R.TQQEIPNAETMK.Q	16
PHEAT+5952	proteomics_heat	4016890	4016931	+	1	5	K.SQETTHFGFQTVAK.E	18
PHEAT+5953	proteomics_heat	4016941	4016982	+	1	7	K.ADMVAHV FHSVASK.Y	18
PHEAT+5954	proteomics_heat	4016983	4017024	+	1	4	K.YDVMNDLMSFGIHR.L	18
PHEAT+5955	proteomics_heat	4017064	4017117	+	1	2	R.RGQTVLDLAGGTGDLTAK.F	22
PHEAT+5956	proteomics_heat	4017067	4017117	+	1	2	R.GQTVLDLAGGTGDLTAK.F	21
PHEAT+5957	proteomics_heat	4017148	4017183	+	1	3	K.VVLADINESMLK.M	16
PHEAT+5958	proteomics_heat	4017373	4017420	+	1	8	R.LLVLEFSKPIIEPLSK.A	20
PHEAT+5959	proteomics_heat	4017421	4017456	+	1	4	K.AYDAYSFHVLP.R.I	16
PHEAT+5960	proteomics_heat	4017457	4017495	+	1	2	R.IGSLVANDADSYR.Y	17
PHEAT+5961	proteomics_heat	4017544	4017618	+	1	3	K.AMMQDAGFESVDYYNLTAGVVALHR.G	29
PHEAT+5962	proteomics_heat	4017650	4017709	+	2	7	M.PFKPLVTAGIESLLNTFLYR.S	24
PHEAT+5963	proteomics_heat	4020088	4020123	+	1	2	K.KAMSDDEPKQDK.T	16
PHEAT+5964	proteomics_heat	4020124	4020153	+	1	4	K.TSQDADFTAK.T	14
PHEAT+5965	proteomics_heat	4020151	4020198	+	1	2	A.KTIADKQADTNQEQAQ.T	20
PHEAT+5966	proteomics_heat	4020154	4020198	+	1	3	K.TIADKQADTNQEQAQ.T	19
PHEAT+5967	proteomics_heat	4020169	4020216	+	1	2	K.QADTNQEQAKTEDAKR.H	20
PHEAT+5968	proteomics_heat	4020523	4020591	+	1	3	R.SYVANDPEKASDEAHTIHNPPVK.D	27
PHEAT+5969	proteomics_heat	4020550	4020591	+	1	5	K.ASDEAHTIHNPPVK.D	18
PHEAT+5970	proteomics_heat	4023026	4023082	+	2	2	K.YNDLRDFTLLEQQGELKR.I	23
PHEAT+5971	proteomics_heat	4023083	4023133	+	2	2	R.ITLPVDPHLEITEIADR.T	21
PHEAT+5972	proteomics_heat	4023227	4023268	+	2	2	R.VAMGMGQEDVSALR.E	18
PHEAT+5973	proteomics_heat	4023281	4023325	+	2	3	K.LLAFLKEPEPPKGFR.D	19
PHEAT+5974	proteomics_heat	4023602	4023652	+	2	4	R.GGALDYQEWCAAHPGER.F	21
PHEAT+5975	proteomics_heat	4023653	4023757	+	2	4	R.FPVSVALGADPATILGAVTPVPDTLSEYAFAGLLR.G	39
PHEAT+5976	proteomics_heat	4023947	4024048	+	2	6	R.EDAIYHSTYTGRPPDEPAVLGVALNEVFVPIQLK.Q	38
PHEAT+5977	proteomics_heat	4024286	4024360	+	2	16	R.DTVLVENTPIDYLDFAFPVSGLGSK.M	29
PHEAT+5978	proteomics_heat	4024682	4024723	+	2	2	R.DKRPFMSASTPDEK.G	18
PHEAT+5979	proteomics_heat	4024799	4024846	+	2	2	K.DHQIVVDIPHGEAWLR.D	20
PHEAT+5980	proteomics_heat	4024907	4024933	+	2	2	R.SILLTALAR.N	13
PHEAT+5981	proteomics_heat	4024973	4025023	+	2	4	R.EEQHLYDLCELEALS.LK.H	21
PHEAT+5982	proteomics_heat	4025024	4025077	+	2	3	K.HPGLQVVPVVEQPEAGWR.G	22

PHEAT+5983	proteomics_heat	4025084	4025158	+	2	4	R.TGTVLTAVLQDHGTLAEHDIYIAGR.F	29
PHEAT+5984	proteomics_heat	4029211	4029237	+	1	3	K.NHIATLQER.T	13
PHEAT+5985	proteomics_heat	4029265	4029336	+	1	2	K.LDALLIHSGELFNVFLDDHPYPFK.V	28
PHEAT+5986	proteomics_heat	4029553	4029588	+	1	3	R.GNIGYIGPVPER.A	16
PHEAT+5987	proteomics_heat	4029589	4029630	+	1	4	R.ALQLGIEASNINPK.G	18
PHEAT+5988	proteomics_heat	4029661	4029696	+	1	2	R.SFKTEYELACMR.E	16
PHEAT+5989	proteomics_heat	4029751	4029807	+	1	10	R.SGMSEFDINIAYLTATGHR.D	23
PHEAT+5990	proteomics_heat	4029877	4029906	+	1	10	K.LDHQAPEEMR.S	14
PHEAT+5991	proteomics_heat	4029907	4029963	+	1	20	R.SFLLDAGAEYNGYAADLTR.T	23
PHEAT+5992	proteomics_heat	4029979	4030008	+	1	3	K.SDNDYAQLVK.D	14
PHEAT+5993	proteomics_heat	4030009	4030050	+	1	5	K.DVNDEQLALIATMK.A	18
PHEAT+5994	proteomics_heat	4030051	4030095	+	1	6	K.AGVSYVDYHIQFHQR.I	19
PHEAT+5995	proteomics_heat	4030414	4030446	+	1	3	K.IEALKPFGGIR.I	15
PHEAT+5996	proteomics_heat	4030447	4030497	+	1	6	R.IEDNVVIHENNVENMTR.D	21
PHEAT+5997	proteomics_heat	4032284	4032316	+	2	3	R.LVHPNAVYSIK.L	15
PHEAT+5998	proteomics_heat	4032676	4032747	+	1	4	R.EIASYLASELKELGIQADVAVHR.I	28
PHEAT+5999	proteomics_heat	4032709	4032747	+	1	2	K.ELGIQADVAVHR.I	17
PHEAT+6000	proteomics_heat	4032859	4032906	+	1	3	R.LNSMPSAFYSVNLVAR.K	20
PHEAT+6001	proteomics_heat	4033063	4033092	+	1	2	K.MSGGETDTRK.E	14
PHEAT+6002	proteomics_heat	4033138	4033173	+	1	3	R.EIAHLTDKPTLK.-	16
PHEAT+6003	proteomics_heat	4040104	4040148	+	1	8	K.RLNEVIELLQPAWQK.E	19
PHEAT+6004	proteomics_heat	4040104	4040184	+	1	2	K.RLNEVIELLQPAWQKPEDLNLLQFLQK.L	31
PHEAT+6005	proteomics_heat	4040107	4040148	+	1	3	R.LNEVIELLQPAWQK.E	18
PHEAT+6006	proteomics_heat	4040107	4040184	+	1	20	R.LNEVIELLQPAWQKPEDLNLLQFLQK.L	30
PHEAT+6007	proteomics_heat	4040146	4040184	+	1	2	Q.KEPDLNLLQFLQK.L	17
PHEAT+6008	proteomics_heat	4040149	4040184	+	1	2	K.EPDLNLLQFLQK.L	16
PHEAT+6009	proteomics_heat	4040164	4040256	+	1	13	N.LLQFLQKLAKESGFDGELADLTDDILYHLK.M	35
PHEAT+6010	proteomics_heat	4040194	4040256	+	1	28	K.ESGFDGELADLTDDILYHLK.M	25
PHEAT+6011	proteomics_heat	4040275	4040322	+	1	4	K.DAVIPGLQKDYEEDFK.T	20
PHEAT+6012	proteomics_heat	4040302	4040322	+	1	5	K.DYEEDFK.T	11
PHEAT+6013	proteomics_heat	4040438	4040515	+	2	3	G.MNNSAFTFQTLHPDTIMDALFEHGIR.V	30
PHEAT+6014	proteomics_heat	4041029	4041067	+	2	2	R.LHGDCHAGNILWR.D	17
PHEAT+6015	proteomics_heat	4041672	4041707	+	3	4	K.YHVNFMGGDLGK.D	16
PHEAT+6016	proteomics_heat	4041807	4041851	+	3	2	R.SASDIRDVFINAGIK.G	19
PHEAT+6017	proteomics_heat	4041972	4042046	+	3	4	K.YQLNPQGMDTSNMDVVFVQYADTVK.Y	29
PHEAT+6018	proteomics_heat	4044989	4045048	+	2	3	I.MVQIPQNPLILVDGSSYLVR.A	24
PHEAT+6019	proteomics_heat	4045049	4045129	+	2	11	R.AYHAFPLTNSAGEPTGAMYGVNLMLR.S	31
PHEAT+6020	proteomics_heat	4045130	4045183	+	2	5	R.SLIMQYKPTHAAVVFAK.G	22
PHEAT+6021	proteomics_heat	4045190	4045222	+	2	3	K.TFRDELFEHYK.S	15
PHEAT+6022	proteomics_heat	4045289	4045357	+	2	8	K.AMGLPLLAVSGVEADDVIGTLAR.E	27
PHEAT+6023	proteomics_heat	4045493	4045585	+	2	2	K.YGVPELIIIDFLALMGDSSDNIPGVPGVGEK.T	35
PHEAT+6024	proteomics_heat	4045586	4045648	+	2	4	K.TAQUALLQGLGLDLYAEPEK.I	25
PHEAT+6025	proteomics_heat	4045748	4045828	+	2	4	K.TDVELELTCEQLEVQQPAAEELGLFK.K	31
PHEAT+6026	proteomics_heat	4046189	4046227	+	2	2	R.ALELLKPLLEDEK.A	17
PHEAT+6027	proteomics_heat	4046264	4046296	+	2	2	R.GILANYGIELR.G	15
PHEAT+6028	proteomics_heat	4046297	4046353	+	2	11	R.GIAFDTMLESYILNSVAGR.H	23

PHEAT+6029	proteomics_heat	4046426	4046476	+	2	4	K.GKNQLTFNQIALEEAGR.Y	21
PHEAT+6030	proteomics_heat	4046432	4046476	+	2	2	K.NQLTFNQIALEEAGR.Y	19
PHEAT+6031	proteomics_heat	4046543	4046605	+	2	2	K.HKGPLNVFENIEMPLVPVLSR.I	25
PHEAT+6032	proteomics_heat	4046549	4046605	+	2	7	K.GPLNVFENIEMPLVPVLSR.I	23
PHEAT+6033	proteomics_heat	4046639	4046674	+	2	2	K.VLHNHSEELTLR.L	16
PHEAT+6034	proteomics_heat	4046696	4046740	+	2	3	K.AHEIAGEEFNLSSTK.Q	19
PHEAT+6035	proteomics_heat	4046792	4046863	+	2	3	K.TPGGAPSTSEEVLEELALDYPLPK.V	28
PHEAT+6036	proteomics_heat	4046900	4046941	+	2	3	K.STYTDKLPLMINPK.T	18
PHEAT+6037	proteomics_heat	4047194	4047250	+	2	3	R.ATAAEVFGLPLETVTSEQR.R	23
PHEAT+6038	proteomics_heat	4047419	4047451	+	2	2	K.EQGYVETLDGR.R	15
PHEAT+6039	proteomics_heat	4047614	4047682	+	2	2	R.MIMQVHDELVFEVHKDDVDAVAK.Q	27
PHEAT+6040	proteomics_heat	4047716	4047772	+	2	2	R.LDVPLLVEVGSGENWDQAH.-	23
PHEAT+6041	proteomics_heat	4049427	4049456	+	3	3	K.TRELDQEAR.D	14
PHEAT+6042	proteomics_heat	4049631	4049711	+	3	2	K.SEKPLSPQAELELLETDERLDALLER.L	31
PHEAT+6043	proteomics_heat	4049643	4049690	+	3	2	P.MLSPQAELELLETDER.L	20
PHEAT+6044	proteomics_heat	4049712	4049765	+	3	2	R.LEAGETLSAEEQSWVDAK.L	22
PHEAT+6045	proteomics_heat	4049766	4049795	+	3	2	K.LDRIDELMQK.L	14
PHEAT+6046	proteomics_heat	4049796	4049861	+	3	4	K.LGLSYDDDEEEEEDEKQEDMMR.L	26
PHEAT+6047	proteomics_heat	4050665	4050715	+	2	2	R.EIGFTSTNIDLIYGLPK.Q	21
PHEAT+6048	proteomics_heat	4050776	4050826	+	2	3	R.LSVFNIAHLPTIFAAQR.K	21
PHEAT+6049	proteomics_heat	4050830	4050865	+	2	3	K.IKDADLPSPPQK.L	16
PHEAT+6050	proteomics_heat	4050836	4050865	+	2	3	K.DADLPSPPQK.L	14
PHEAT+6051	proteomics_heat	4051304	4051330	+	2	4	K.DGLVDVDEK.G	13
PHEAT+6052	proteomics_heat	4056448	4056483	+	1	4	R.NIAIIAHVDHGK.T	16
PHEAT+6053	proteomics_heat	4056502	4056534	+	1	4	K.LLQQSGTFDSR.A	15
PHEAT+6054	proteomics_heat	4056553	4056585	+	1	4	R.VMDSNDLEKER.G	15
PHEAT+6055	proteomics_heat	4056637	4056690	+	1	5	R.INIVDTPGHADFGGEVER.V	22
PHEAT+6056	proteomics_heat	4056691	4056759	+	1	5	R.VMSMVDSVLLVDAFDGPMQTR.F	27
PHEAT+6057	proteomics_heat	4056772	4056816	+	1	4	K.KAFAYGLKPIVVINK.V	19
PHEAT+6058	proteomics_heat	4056775	4056816	+	1	9	K.AFAYGLKPIVVINK.V	18
PHEAT+6059	proteomics_heat	4057120	4057164	+	1	12	K.VKPNQQVTIIDSEGK.T	19
PHEAT+6060	proteomics_heat	4057189	4057215	+	1	5	K.VLGHGLER.I	13
PHEAT+6061	proteomics_heat	4057441	4057467	+	1	4	K.ELVHNVALR.V	13
PHEAT+6062	proteomics_heat	4057468	4057500	+	1	6	R.VEETEDADAFR.V	15
PHEAT+6063	proteomics_heat	4057513	4057551	+	1	11	R.GELHLSVLIENMR.R	17
PHEAT+6064	proteomics_heat	4057555	4057587	+	1	6	R.EGFELAVSRPK.V	15
PHEAT+6065	proteomics_heat	4057615	4057695	+	1	9	R.KQEPYENVTLDVEEQHQGSVMQALGER.K	31
PHEAT+6066	proteomics_heat	4057738	4057767	+	1	4	R.VRLDYVIPS.R	14
PHEAT+6067	proteomics_heat	4057786	4057878	+	1	14	R.SEFMTMTSGTGLLYSTFSHYDDVDPGEVGQR.Q	35
PHEAT+6068	proteomics_heat	4057879	4057914	+	1	6	R.QNGVLISNGQGK.A	16
PHEAT+6069	proteomics_heat	4057957	4058016	+	1	37	K.LFLGHGAEVYEGQIIGIHSR.S	24
PHEAT+6070	proteomics_heat	4058017	4058052	+	1	3	R.SNDLTVNCLTGK.K	16
PHEAT+6071	proteomics_heat	4058071	4058115	+	1	6	R.ASGTDEAVLVVPPIR.M	19
PHEAT+6072	proteomics_heat	4058116	4058187	+	1	43	R.MTLEQALEFIDDELVEVTPTSIR.I	28
PHEAT+6073	proteomics_heat	4072758	4072817	+	3	3	R.GYMNIDELANLLDVSTQTVR.R	24
PHEAT+6074	proteomics_heat	4073142	4073198	+	3	3	R.SHNSGIIGPSAASFVADFR.A	23

PHEAT+6075	proteomics_heat	4073909	4073950	+	2	7	R.LHTTFWPEEYPEIR.D	18
PHEAT+6076	proteomics_heat	4073951	4073995	+	2	2	R.DAADHIYLSQDLGMR.K	19
PHEAT+6077	proteomics_heat	4075628	4075699	+	2	3	R.DAWDAMAHHQMVVDEQGNLVAVGR.L	28
PHEAT+6078	proteomics_heat	4075736	4075768	+	2	3	R.FMAVHPDVQDK.G	15
PHEAT+6079	proteomics_heat	4075769	4075813	+	2	2	K.GLGLMAMTLESVAR.Q	19
PHEAT+6080	proteomics_heat	4075877	4075930	+	2	3	K.LGFVNQGEITPTTTPIR.H	22
PHEAT+6081	proteomics_heat	4075931	4075981	+	2	2	R.HFLMIKPVATLDDILHR.G	21
PHEAT+6082	proteomics_heat	4076243	4076314	+	2	3	R.YSKPISGKPHAVADLGALSGDLDR.L	28
PHEAT+6083	proteomics_heat	4084138	4084218	+	1	10	R.LDEVAEEVPVALVYNGISHVVMASPK.D	31
PHEAT+6084	proteomics_heat	4098836	4098895	+	2	7	M.SYTLPSLPYAYDALEPHFDK.Q	24
PHEAT+6085	proteomics_heat	4098836	4098922	+	2	4	M.SYTLPSLPYAYDALEPHFDKQTMEIHHTK.H	33
PHEAT+6086	proteomics_heat	4098896	4098922	+	2	5	K.QTMEIHHTK.H	13
PHEAT+6087	proteomics_heat	4098923	4099012	+	2	7	K.HHQTYYVNNANALESPEFANLPVEELITK.L	34
PHEAT+6088	proteomics_heat	4099013	4099039	+	2	6	K.LDQLPADKK.T	13
PHEAT+6089	proteomics_heat	4099103	4099132	+	2	3	K.KGTTLQGDLEK.A	14
PHEAT+6090	proteomics_heat	4099148	4099174	+	2	10	R.DFGSVDNFK.A	13
PHEAT+6091	proteomics_heat	4099148	4099189	+	2	6	R.DFGSVDNFKAEFEK.A	18
PHEAT+6092	proteomics_heat	4099205	4099237	+	2	5	R.FGSGWAWLVLK.G	15
PHEAT+6093	proteomics_heat	4099247	4099363	+	2	16	K.LAVVSTANQDSPLMGEAISGASGFPIIMGLDVWEHAYYK.F	43
PHEAT+6094	proteomics_heat	4099247	4099354	+	2	3	K.LAVVSTANQDSPLMGEAISGASGFPIIMGLDVWEHAY.Y	40
PHEAT+6095	proteomics_heat	4099304	4099363	+	2	2	S.GASGFPIIMGLDVWEHAYYK.F	24
PHEAT+6096	proteomics_heat	4099394	4099435	+	2	10	K.EFVNVVNWDEAAAR.F	18
PHEAT+6097	proteomics_heat	4100845	4100877	+	1	2	Q.MRYPVDVYTGK.I	15
PHEAT+6098	proteomics_heat	4100878	4100919	+	1	3	K.IQAYPEGKPSAIAK.I	18
PHEAT+6099	proteomics_heat	4102755	4102823	+	3	6	V.LAVPTYQSPGTDAAATLNRWADR.S	27
PHEAT+6100	proteomics_heat	4103906	4103959	+	2	2	A.AEVGSGDNWHPGEELTQR.S	22
PHEAT+6101	proteomics_heat	4103960	4104010	+	2	5	R.STQSHMFDGSLTEHQR.Q	21
PHEAT+6102	proteomics_heat	4104044	4104091	+	2	5	R.HEQPPVNVSELETMHR.L	20
PHEAT+6103	proteomics_heat	4104209	4104247	+	2	3	R.LLTPEQQAVLNEK.H	17
PHEAT+6104	proteomics_heat	4105311	4105367	+	3	3	R.RFPGSDVIIHQDPCSVVPR.E	23
PHEAT+6105	proteomics_heat	4105584	4105640	+	3	3	K.KIGVLTSGGDAPGMNAAIR.G	23
PHEAT+6106	proteomics_heat	4105587	4105640	+	3	5	K.IGVLTSGGDAPGMNAAIR.G	22
PHEAT+6107	proteomics_heat	4105653	4105721	+	3	79	R.SALTEGLEVMGIYDGYLGLYEDR.M	27
PHEAT+6108	proteomics_heat	4105740	4105766	+	3	5	R.YSVSDMINR.G	13
PHEAT+6109	proteomics_heat	4105824	4105847	+	3	2	R.AVAIENLK.K	12
PHEAT+6110	proteomics_heat	4105854	4105910	+	3	55	R.GIDALVVIGGDGSYMGAMR.L	23
PHEAT+6111	proteomics_heat	4105911	4105970	+	3	8	R.LTEMGFPCIGLPGTIDNDIK.G	24
PHEAT+6112	proteomics_heat	4105971	4106033	+	3	13	K.GTDYITIGFFALSTVVEAIDR.L	25
PHEAT+6113	proteomics_heat	4106064	4106090	+	3	2	R.ISVVEVMGR.Y	13
PHEAT+6114	proteomics_heat	4106220	4106246	+	3	2	K.HAIVAITEH.M	13
PHEAT+6115	proteomics_heat	4106220	4106285	+	3	19	K.HAIVAITEHMCDVDELAHFIEK.E	26
PHEAT+6116	proteomics_heat	4106307	4106333	+	3	6	R.ATVLGHIQR.G	13
PHEAT+6117	proteomics_heat	4106376	4106423	+	3	14	R.MGAYAIDLALLAGYGGR.C	20
PHEAT+6118	proteomics_heat	4106424	4106489	+	3	6	R.CVGIQNEQLVHHDIIAIDENMK.R	26
PHEAT+6119	proteomics_heat	4106490	4106525	+	3	2	K.RPFKGDWLDCAK.K	16
PHEAT+6120	proteomics_heat	4106914	4106955	+	1	2	A.KDIQLLNVSYPTR.E	18

PHEAT+6121	proteomics_heat	4107055	4107138	+	1	9	K.QATSVINGIEADVVTLALAYDVDAIAER.G	32
PHEAT+6122	proteomics_heat	4107463	4107528	+	1	5	R.GIGDVLIAWENEALLAANELGK.D	26
PHEAT+6123	proteomics_heat	4107646	4107684	+	1	2	K.YLYSPEGQEIAAK.N	17
PHEAT+6124	proteomics_heat	4110990	4111010	+	3	2	P.MKDVVVK.C	11
PHEAT+6125	proteomics_heat	4111023	4111076	+	3	2	K.GCAIDIGTVIDNDNCTSK.F	22
PHEAT+6126	proteomics_heat	4111128	4111187	+	3	2	K.LKELAAATSSADEGASVAYK.I	24
PHEAT+6127	proteomics_heat	4111134	4111187	+	3	3	K.ELAAATSSADEGASVAYK.I	22
PHEAT+6128	proteomics_heat	4111328	4111381	+	2	15	K.HIGVAISGNEEDALLVNK.A	22
PHEAT+6129	proteomics_heat	4111703	4111741	+	2	3	K.MSADLLIVPFIDK.-	17
PHEAT+6130	proteomics_heat	4116547	4116579	+	1	2	M.SLEVFKELEAK.V	15
PHEAT+6131	proteomics_heat	4116547	4116567	+	1	2	M.SLEVFEL.L	11
PHEAT+6132	proteomics_heat	4116580	4116642	+	1	59	K.VQQAIDTITLLQMEIEELKEK.N	25
PHEAT+6133	proteomics_heat	4116643	4116687	+	1	20	K.NNSLSQEVQNAQHQR.E	19
PHEAT+6134	proteomics_heat	4116643	4116702	+	1	2	K.NNSLSQEVQNAQHGREELER.E	24
PHEAT+6135	proteomics_heat	4116688	4116747	+	1	4	R.EELERENNHLKEQQNGWQER.L	24
PHEAT+6136	proteomics_heat	4116688	4116720	+	1	4	R.EELERENNHLK.E	15
PHEAT+6137	proteomics_heat	4116703	4116747	+	1	2	R.ENNHLKEQQNGWQER.L	19
PHEAT+6138	proteomics_heat	4125060	4125104	+	3	13	K.YEITASCSCGNVMK.I	19
PHEAT+6139	proteomics_heat	4125111	4125152	+	3	25	R.STVGHDLNLDVCSK.C	18
PHEAT+6140	proteomics_heat	4126728	4126820	+	3	3	R.SGLNDDEQYGCVVPIHLSSTYNFTGFNEPR.A	35
PHEAT+6141	proteomics_heat	4127049	4127087	+	3	3	R.VLFVDQGDQALR.A	17
PHEAT+6142	proteomics_heat	4127088	4127111	+	3	2	R.AALAEKPK.L	12
PHEAT+6143	proteomics_heat	4127112	4127150	+	3	2	K.LVLVESPSNPLLR.V	17
PHEAT+6144	proteomics_heat	4127187	4127288	+	3	18	R.EVGAVSVVDNTFLSPALQNPLALGADLVLHSCTK.Y	38
PHEAT+6145	proteomics_heat	4127187	4127255	+	3	2	R.EVGAVSVVDNTFLSPALQNPLAL.G	27
PHEAT+6146	proteomics_heat	4127289	4127336	+	3	2	K.YLNGHSDVVAGVVIK.D	20
PHEAT+6147	proteomics_heat	4127487	4127513	+	3	2	K.YLQTQPLVK.K	13
PHEAT+6148	proteomics_heat	4127514	4127567	+	3	5	K.KLYHPSLPENQGHIEAAR.Q	22
PHEAT+6149	proteomics_heat	4127577	4127630	+	3	6	K.GFGAMLSFELDGDEQTLR.R	22
PHEAT+6150	proteomics_heat	4127631	4127693	+	3	2	R.RFLGGLSLFTLAESLGGVESL.I	25
PHEAT+6151	proteomics_heat	4127745	4127837	+	3	2	R.AAAGISETLLRISTGIEDGEDLIADLENGFR.A	35
PHEAT+6152	proteomics_heat	4127745	4127777	+	3	3	R.AAAGISETLLR.I	15
PHEAT+6153	proteomics_heat	4127778	4127837	+	3	7	R.ISTGIEDGEDLIADLENGFR.A	24
PHEAT+6154	proteomics_heat	4127948	4128043	+	2	3	R.VAGIMAEYSQPDDMMVVSAGSTTNQLINWLK.L	36
PHEAT+6155	proteomics_heat	4128062	4128094	+	2	2	R.LSAHQVQQLR.R	15
PHEAT+6156	proteomics_heat	4128095	4128181	+	2	10	R.RYQCDLISGLLPAAEADSLISAFVSDLER.L	33
PHEAT+6157	proteomics_heat	4128098	4128181	+	2	18	R.YQCDLISGLLPAAEADSLISAFVSDLER.L	32
PHEAT+6158	proteomics_heat	4128182	4128262	+	2	5	R.LAALLDSGINDAVYAEVVGHGEVWSAR.L	31
PHEAT+6159	proteomics_heat	4128263	4128319	+	2	4	R.LMSAVLNQQGLPAAWLDAR.E	23
PHEAT+6160	proteomics_heat	4128341	4128415	+	2	2	R.AAQPPQVDEGLSYPLLQQLLVQHPGK.R	29
PHEAT+6161	proteomics_heat	4128446	4128478	+	2	3	R.NNAGETVLLGR.N	15
PHEAT+6162	proteomics_heat	4128479	4128532	+	2	3	R.NGSDYSATQIGALAGVSR.V	22
PHEAT+6163	proteomics_heat	4128617	4128643	+	2	3	R.LDEASELAR.L	13
PHEAT+6164	proteomics_heat	4128671	4128715	+	2	2	R.TLQPVSGSEIDLQLR.C	19
PHEAT+6165	proteomics_heat	4128785	4128850	+	2	5	R.IVTSHDDVCLIEFQVPASQDFK.L	26
PHEAT+6166	proteomics_heat	4128887	4128928	+	2	5	R.AQVRPLAVGVHNR.Q	18

PHEAT+6167	proteomics_heat	4128929	4128979	+	2	2	R.QLLQFCYTSEVADSALK.I	21
PHEAT+6168	proteomics_heat	4129169	4129219	+	2	5	R.TGPTESLIQLHQSVFR.A	21
PHEAT+6169	proteomics_heat	4129364	4129399	+	2	2	R.SLLSYDGLDASR.A	16
PHEAT+6170	proteomics_heat	4129466	4129576	+	2	11	R.AHPYDDLVLVDVTASQQLADQYLDFASHGFHVISANK.L	41
PHEAT+6171	proteomics_heat	4129577	4129609	+	2	2	K.LAGASDSNKYR.Q	15
PHEAT+6172	proteomics_heat	4129643	4129699	+	2	3	R.HWLYNATVAGGLPINHTVR.D	23
PHEAT+6173	proteomics_heat	4130105	4130185	+	2	3	R.VGVEAVREDHPLASLLPCDNVFAIESR.W	31
PHEAT+6174	proteomics_heat	4130126	4130185	+	2	2	R.EDHPLASLLPCDNVFAIESR.W	24
PHEAT+6175	proteomics_heat	4130234	4130272	+	2	13	R.DVTAGAIQSDINR.L	17
PHEAT+6176	proteomics_heat	4130642	4130665	+	2	2	M.SFFHASQR.D	12
PHEAT+6177	proteomics_heat	4130666	4130737	+	2	125	R.DALNQSLAEVQGGQINVSFEFFPPR.T	28
PHEAT+6178	proteomics_heat	4130738	4130779	+	2	5	R.TSEMEQTLWNSIDR.L	18
PHEAT+6179	proteomics_heat	4130801	4130839	+	2	3	K.FVSVTYGANSGER.D	17
PHEAT+6180	proteomics_heat	4130879	4130938	+	2	8	R.TGLEAAPHLTCIDATPDEL.R.T	24
PHEAT+6181	proteomics_heat	4130897	4130938	+	2	2	A.PHLTCIDATPDEL.R.T	18
PHEAT+6182	proteomics_heat	4130993	4131058	+	2	14	R.GDLPPGSGKPEMYASDLVTLLK.E	26
PHEAT+6183	proteomics_heat	4131059	4131118	+	2	11	K.EVADFDISVAAYPEVHPEAK.S	24
PHEAT+6184	proteomics_heat	4131119	4131151	+	2	6	K.SAQADLLNLKR.K	15
PHEAT+6185	proteomics_heat	4131119	4131148	+	2	3	K.SAQADLLNLK.R	14
PHEAT+6186	proteomics_heat	4131176	4131217	+	2	34	R.AITQFFFDVESYLR.F	18
PHEAT+6187	proteomics_heat	4131302	4131328	+	2	6	K.KFADMTNVR.I	13
PHEAT+6188	proteomics_heat	4131329	4131385	+	2	9	R.IPAWMAQMFDGLDDAETR.K	23
PHEAT+6189	proteomics_heat	4131329	4131388	+	2	6	R.IPAWMAQMFDGLDDAETR.K.L	24
PHEAT+6190	proteomics_heat	4131386	4131424	+	2	6	R.KLVGANIAMDMVK.I	17
PHEAT+6191	proteomics_heat	4131389	4131424	+	2	3	K.LVGANIAMDMVK.I	16
PHEAT+6192	proteomics_heat	4131437	4131475	+	2	8	R.EGVKDFHFYTLNR.A	17
PHEAT+6193	proteomics_heat	4131476	4131526	+	2	13	R.AEMSYAICHTLGVPRGL.-	21
PHEAT+6194	proteomics_heat	4131861	4131902	+	3	4	M.STSDDIHNTTATGK.C	18
PHEAT+6195	proteomics_heat	4131903	4131959	+	3	5	K.CPFHQGGHDQSAGAGTTTR.D	23
PHEAT+6196	proteomics_heat	4131984	4132013	+	3	5	R.VDLLNQHSNR.S	14
PHEAT+6197	proteomics_heat	4132014	4132049	+	3	3	R.SNPLGEDFDYRK.E	16
PHEAT+6198	proteomics_heat	4132050	4132082	+	3	2	K.EFSKLDYYGLK.K	15
PHEAT+6199	proteomics_heat	4132236	4132280	+	3	2	R.FAPLNSWPDNVSLDK.A	19
PHEAT+6200	proteomics_heat	4132326	4132388	+	3	12	K.ISWADLFILAGNVALENSGFR.T	25
PHEAT+6201	proteomics_heat	4132389	4132460	+	3	3	R.TFGFGAGREDVWEPDLVDVNWGDEK.A	28
PHEAT+6202	proteomics_heat	4132413	4132460	+	3	3	R.EDVWEPDLVDVNWGDEK.A	20
PHEAT+6203	proteomics_heat	4132500	4132595	+	3	4	K.APLGATEMGLIYVNPEGPDHSGEPLSAAAAIR.A	36
PHEAT+6204	proteomics_heat	4132863	4132883	+	3	2	K.YEWWQTR.S	11
PHEAT+6205	proteomics_heat	4132884	4132961	+	3	4	R.SPAGAIQFEAVDAPEIIPDPFDPSKK.R	30
PHEAT+6206	proteomics_heat	4132884	4132958	+	3	6	R.SPAGAIQFEAVDAPEIIPDPFDPSK.K	29
PHEAT+6207	proteomics_heat	4132965	4133000	+	3	5	R.KPTMLVTDLTLR.F	16
PHEAT+6208	proteomics_heat	4133034	4133075	+	3	4	R.FLNDPQAFNEAFAR.A	18
PHEAT+6209	proteomics_heat	4133121	4133219	+	3	5	R.YIGPEVPKEDLIWQDPLPQPIYNPTEQDIIDLK.F	37
PHEAT+6210	proteomics_heat	4133145	4133219	+	3	3	K.EDLIWQDPLPQPIYNPTEQDIIDLK.F	29
PHEAT+6211	proteomics_heat	4133424	4133474	+	3	16	K.ASLADIIVLAVGVGVEK.A	21
PHEAT+6212	proteomics_heat	4133475	4133525	+	3	14	K.AASAAGLSIHVPFAPGR.V	21

PHEAT+6213	proteomics_heat	4133538	4133597	+	3	22	R.QDQTDIEMFELLEPIADGFR.N	24
PHEAT+6214	proteomics_heat	4133607	4133651	+	3	7	R.ARLDVSTTESLLIDK.A	19
PHEAT+6215	proteomics_heat	4133613	4133651	+	3	2	R.LDVSTTESLLIDK.A	17
PHEAT+6216	proteomics_heat	4133652	4133708	+	3	9	K.AQQLTLTAPEMTALVGGMR.V	23
PHEAT+6217	proteomics_heat	4133709	4133738	+	3	4	R.VLGANFDGSK.N	14
PHEAT+6218	proteomics_heat	4133736	4133807	+	3	2	S.KNGVFTDRVGVLSNDFVNLDMR.Y	28
PHEAT+6219	proteomics_heat	4133760	4133807	+	3	44	R.VGVLSNDFVNLDMR.Y	20
PHEAT+6220	proteomics_heat	4133820	4133855	+	3	6	K.ATDESKELFEGR.D	16
PHEAT+6221	proteomics_heat	4133895	4133930	+	3	2	R.ADLVFGSNSVLR.A	16
PHEAT+6222	proteomics_heat	4133931	4133972	+	3	10	R.AVAEYASSDAHEK.F	18
PHEAT+6223	proteomics_heat	4134006	4134035	+	3	2	K.VMNLDRFDLL.-	14
PHEAT+6224	proteomics_heat	4136824	4136901	+	1	2	R.CHADGRSHFANIHRQTAQFLLPVQHL.-	30
PHEAT+6225	proteomics_heat	4153093	4153152	+	1	3	R.HPHMNITALTVSAQSNDAGK.L	24
PHEAT+6226	proteomics_heat	4153153	4153182	+	1	3	K.LISDLHPQLK.G	14
PHEAT+6227	proteomics_heat	4153345	4153371	+	1	2	R.VNDATFYEK.Y	13
PHEAT+6228	proteomics_heat	4153372	4153449	+	1	20	K.YYGFTHQYPELLEQAAYGLAEWCGNK.L	30
PHEAT+6229	proteomics_heat	4153456	4153596	+	1	5	K.EANLIAPGCGYPTAAQLALKPLIDADLLDLNQPVINATSGVSGAGR.K	51
PHEAT+6230	proteomics_heat	4153597	4153662	+	1	4	R.KAAISNSFCEVSLQPYGVFTHR.H	26
PHEAT+6231	proteomics_heat	4153600	4153662	+	1	6	K.AAISNSFCEVSLQPYGVFTHR.H	25
PHEAT+6232	proteomics_heat	4153663	4153734	+	1	8	R.HQPEIATHLGADVIFTPLGNFPR.G	28
PHEAT+6233	proteomics_heat	4153663	4153716	+	1	3	R.HQPEIATHLGADVIFTPH.L	22
PHEAT+6234	proteomics_heat	4153768	4153836	+	1	11	K.SGVTQAQVAQVLQQAAYAHKPLVR.L	27
PHEAT+6235	proteomics_heat	4153867	4153956	+	1	12	K.NVVGLPFCDIGFAVQGEHLIIVATEDNLLK.G	34
PHEAT+6236	proteomics_heat	4153957	4153995	+	1	6	K.GAAAQAVQCANIR.F	17
PHEAT+6237	proteomics_heat	4154060	4154101	+	2	5	K.LGGVLLDSEEALER.L	18
PHEAT+6238	proteomics_heat	4154102	4154128	+	2	4	R.LFSALVNYR.E	13
PHEAT+6239	proteomics_heat	4154129	4154194	+	2	5	R.ESHQRPLVIVHGGGCVVDELMK.G	26
PHEAT+6240	proteomics_heat	4154234	4154293	+	2	16	R.VTPADQIDIITGALAGTANK.T	24
PHEAT+6241	proteomics_heat	4154315	4154368	+	2	5	K.KHQIAAVGLFLGDGDSVK.V	22
PHEAT+6242	proteomics_heat	4154318	4154368	+	2	7	K.HQIAAVGLFLGDGDSVK.V	21
PHEAT+6243	proteomics_heat	4154369	4154428	+	2	12	K.VTQLDEELGHVGLAQPGSPK.L	24
PHEAT+6244	proteomics_heat	4154543	4154602	+	2	2	A.ATLGADLILLSVSGILDGK.G	24
PHEAT+6245	proteomics_heat	4154636	4154686	+	2	4	K.AEQLIEQGIITDGMIVK.V	21
PHEAT+6246	proteomics_heat	4154714	4154749	+	2	2	R.TLGRPVDIASWR.H	16
PHEAT+6247	proteomics_heat	4154750	4154800	+	2	4	R.HAEQLPALFNGMMPMGR.I	21
PHEAT+6248	proteomics_heat	4154957	4154998	+	2	5	R.LAEQDIVGSAVWSK.A	18
PHEAT+6249	proteomics_heat	4154999	4155082	+	2	86	K.ALVTGVGLTAEQAQLEALNVLLEDVR.A	32
PHEAT+6250	proteomics_heat	4155083	4155145	+	2	28	R.ARPQQILESDAEDIHSWVEGK.L	25
PHEAT+6251	proteomics_heat	4155146	4155175	+	2	4	K.LIDKVGQLGK.K	14
PHEAT+6252	proteomics_heat	4155194	4155226	+	2	8	R.SRNDQVATDLK.L	15
PHEAT+6253	proteomics_heat	4155239	4155271	+	2	5	K.DTVSELLTANR.Q	15
PHEAT+6254	proteomics_heat	4155272	4155349	+	2	7	R.QLQSALVETAQNNQDAVMPGYTHLQR.A	30
PHEAT+6255	proteomics_heat	4155350	4155406	+	2	3	R.AQPVTFAHWCLAYVEMLAR.D	23
PHEAT+6256	proteomics_heat	4155437	4155541	+	2	8	K.RLDVSPLGCGALAGTAYEIDREQLAGWLGFSATR.N	39
PHEAT+6257	proteomics_heat	4155440	4155541	+	2	10	R.LDVSPLGCGALAGTAYEIDREQLAGWLGFSATR.N	38
PHEAT+6258	proteomics_heat	4155542	4155625	+	2	32	R.NSLDSVSDRDHVLELLSAAAIGMVHLSR.F	32

PHEAT+6259	proteomics_heat	4155542	4155616	+	2	2	R.NSLDSVSDRDHVLELLSAAAIGMVH.L	29
PHEAT+6260	proteomics_heat	4155569	4155625	+	2	4	R.DHVLELLSAAAIGMVHLSR.F	23
PHEAT+6261	proteomics_heat	4155689	4155724	+	2	4	R.VTSGSSLMPQKK.N	16
PHEAT+6262	proteomics_heat	4155722	4155751	+	2	5	K.KNPDALELIR.G	14
PHEAT+6263	proteomics_heat	4155725	4155751	+	2	5	K.NPDALELIR.G	13
PHEAT+6264	proteomics_heat	4155767	4155805	+	2	6	R.VQGALTMMMTLK.G	17
PHEAT+6265	proteomics_heat	4155938	4156003	+	2	5	R.CQEAAQQGYANATELADYLVAK.G	26
PHEAT+6266	proteomics_heat	4156019	4156063	+	2	37	R.EAHHIVGEAVVEAIR.Q	19
PHEAT+6267	proteomics_heat	4156064	4156108	+	2	7	R.QGKPLEDLPLSELQK.F	19
PHEAT+6268	proteomics_heat	4156109	4156174	+	2	7	K.FSQVIDEDVYPILSLQSCLDKR.A	26
PHEAT+6269	proteomics_heat	4156109	4156171	+	2	2	K.FSQVIDEDVYPILSLQSCLDK.R	25
PHEAT+6270	proteomics_heat	4156184	4156237	+	2	13	K.GGVSPQQVAQAIAFAQAR.L	22
PHEAT+6271	proteomics_heat	4156525	4156560	+	1	3	R.DLEYLVALAEHR.H	16
PHEAT+6272	proteomics_heat	4156573	4156623	+	1	5	R.AADSCHVSQPTLSGQIR.K	21
PHEAT+6273	proteomics_heat	4156624	4156662	+	1	6	R.KLEDELGVMLLER.T	17
PHEAT+6274	proteomics_heat	4156672	4156719	+	1	6	R.KVLFTQAGMLLDQAR.T	20
PHEAT+6275	proteomics_heat	4157197	4157259	+	1	2	R.NMVAAGSGITLLPALAVPPER.K	25
PHEAT+6276	proteomics_heat	4157350	4157382	+	1	5	R.SRYEQLAEAIR.A	15
PHEAT+6277	proteomics_heat	4159306	4159359	+	1	2	R.DVDELGLTMVDESGLMLR.Q	22
PHEAT+6278	proteomics_heat	4159414	4159467	+	1	5	R.TSVSTFMEFIGNPNNAFR.L	22
PHEAT+6279	proteomics_heat	4159525	4159587	+	1	2	R.EIQHFIAELADYLELENHMPR.A	25
PHEAT+6280	proteomics_heat	4161722	4161763	+	2	2	A.QDTPDTLVVTANR.F	18
PHEAT+6281	proteomics_heat	4161929	4161973	+	2	6	R.GTNASHVLVLIDGVR.L	19
PHEAT+6282	proteomics_heat	4161974	4162039	+	2	4	R.LNLAGVSGSADLSQFPIALVQR.V	26
PHEAT+6283	proteomics_heat	4162121	4162210	+	2	8	R.DEPGTEISAGWGSNSYQNYDVSTQQQLGDK.T	34
PHEAT+6284	proteomics_heat	4162322	4162378	+	2	2	K.TLYGALEHNFTDAWSGFVR.G	23
PHEAT+6285	proteomics_heat	4162400	4162450	+	2	2	R.TNYDAYYSPGSPLLDTR.K	21
PHEAT+6286	proteomics_heat	4162451	4162486	+	2	2	R.KLYSQSWDAGLR.Y	16
PHEAT+6287	proteomics_heat	4162508	4162540	+	2	6	K.SQLITSYSHSK.D	15
PHEAT+6288	proteomics_heat	4162571	4162603	+	2	2	R.YDSSATLDEM.K	15
PHEAT+6289	proteomics_heat	4162679	4162729	+	2	4	K.QTTTTPGTGYVEDGYDQR.N	21
PHEAT+6290	proteomics_heat	4162796	4162822	+	2	2	R.SDDNSQFGR.H	13
PHEAT+6291	proteomics_heat	4162823	4162873	+	2	4	R.HGTWQTSAGWFEIEGYR.F	21
PHEAT+6292	proteomics_heat	4162904	4162963	+	2	2	K.APNLQLYGFYGNPNLDPEK.S	24
PHEAT+6293	proteomics_heat	4163300	4163341	+	2	2	R.YDKDYSSYPYQTVK.M	18
PHEAT+6294	proteomics_heat	4163342	4163407	+	2	7	K.MGGVSLWDLAVAYPVTSHLTVR.G	26
PHEAT+6295	proteomics_heat	4163414	4163473	+	2	5	K.IANLFDKDYETVYGYQTAGR.E	24
PHEAT+6296	proteomics_heat	4163574	4163639	+	3	5	R.HLLPDLHYIYAFDNVAFPYGEK.S	26
PHEAT+6297	proteomics_heat	4163967	4164005	+	3	2	K.LHGEDVSLDALKR.I	17
PHEAT+6298	proteomics_heat	4170776	4170805	+	2	2	K.NPVVSAETAK.A	14
PHEAT+6299	proteomics_heat	4170905	4170937	+	2	3	K.GMQIGGAHVHR.Q	15
PHEAT+6300	proteomics_heat	4171846	4171896	+	1	2	R.AALELFEQEGLAPYLSR.W	21
PHEAT+6301	proteomics_heat	4171918	4171986	+	1	2	F.INRPVKLIIGDKEIFGISRGIDK.Q	27
PHEAT+6302	proteomics_heat	4174009	4174041	+	1	2	N.VGTIGHVDHGK.T	15
PHEAT+6303	proteomics_heat	4174009	4174041	+	1	2	N.VGTIGHVDHGK.T	15
PHEAT+6304	proteomics_heat	4174042	4174080	+	1	243	K.TTLTAAITTVLAK.T	17

PHEAT+6305	proteomics_heat	4174042	4174080	+	1	243	K.TTLTAAITTVLAK.T	17
PHEAT+6306	proteomics_heat	4174102	4174137	+	1	22	R.AFDQIDNAPEEK.A	16
PHEAT+6307	proteomics_heat	4174102	4174137	+	1	22	R.AFDQIDNAPEEK.A	16
PHEAT+6308	proteomics_heat	4174102	4174146	+	1	3	R.AFDQIDNAPEEKARG.I	19
PHEAT+6309	proteomics_heat	4174102	4174146	+	1	3	R.AFDQIDNAPEEKARG.I	19
PHEAT+6310	proteomics_heat	4174108	4174137	+	1	2	F.DQIDNAPEEK.A	14
PHEAT+6311	proteomics_heat	4174108	4174137	+	1	2	F.DQIDNAPEEK.A	14
PHEAT+6312	proteomics_heat	4174141	4174191	+	1	2	A.RGITINTSHVEYDTPTR.H	21
PHEAT+6313	proteomics_heat	4174141	4174191	+	1	2	A.RGITINTSHVEYDTPTR.H	21
PHEAT+6314	proteomics_heat	4174144	4174191	+	1	112	R.GITINTSHVEYDTPTR.H	20
PHEAT+6315	proteomics_heat	4174144	4174191	+	1	112	R.GITINTSHVEYDTPTR.H	20
PHEAT+6316	proteomics_heat	4174144	4174179	+	1	2	R.GITINTSHVEYD.T	16
PHEAT+6317	proteomics_heat	4174144	4174179	+	1	2	R.GITINTSHVEYD.T	16
PHEAT+6318	proteomics_heat	4174144	4174194	+	1	4	R.GITINTSHVEYDTPTRH.Y	21
PHEAT+6319	proteomics_heat	4174144	4174194	+	1	4	R.GITINTSHVEYDTPTRH.Y	21
PHEAT+6320	proteomics_heat	4174150	4174191	+	1	3	I.TINTSHVEYDTPTR.H	18
PHEAT+6321	proteomics_heat	4174150	4174191	+	1	3	I.TINTSHVEYDTPTR.H	18
PHEAT+6322	proteomics_heat	4174156	4174191	+	1	3	I.NTSHVEYDTPTR.H	16
PHEAT+6323	proteomics_heat	4174156	4174191	+	1	3	I.NTSHVEYDTPTR.H	16
PHEAT+6324	proteomics_heat	4174159	4174191	+	1	9	N.TSHVEYDTPTR.H	15
PHEAT+6325	proteomics_heat	4174159	4174191	+	1	9	N.TSHVEYDTPTR.H	15
PHEAT+6326	proteomics_heat	4174192	4174236	+	1	23	R.HYAHVDCPGHADYVK.N	19
PHEAT+6327	proteomics_heat	4174192	4174236	+	1	23	R.HYAHVDCPGHADYVK.N	19
PHEAT+6328	proteomics_heat	4174192	4174227	+	1	2	R.HYAHVDCPGHAD.Y	16
PHEAT+6329	proteomics_heat	4174192	4174227	+	1	2	R.HYAHVDCPGHAD.Y	16
PHEAT+6330	proteomics_heat	4174195	4174236	+	1	4	H.YAHVDCPGHADYVK.N	18
PHEAT+6331	proteomics_heat	4174195	4174236	+	1	4	H.YAHVDCPGHADYVK.N	18
PHEAT+6332	proteomics_heat	4174198	4174236	+	1	2	Y.AHVDCPGHADYVK.N	17
PHEAT+6333	proteomics_heat	4174198	4174236	+	1	2	Y.AHVDCPGHADYVK.N	17
PHEAT+6334	proteomics_heat	4174204	4174236	+	1	2	H.VDCPGHADYVK.N	15
PHEAT+6335	proteomics_heat	4174204	4174236	+	1	2	H.VDCPGHADYVK.N	15
PHEAT+6336	proteomics_heat	4174213	4174236	+	1	2	C.PGHADYVK.N	12
PHEAT+6337	proteomics_heat	4174213	4174236	+	1	2	C.PGHADYVK.N	12
PHEAT+6338	proteomics_heat	4174237	4174317	+	1	2045	K.NMITGAAQMDGAILVVAATDGMPMQTR.E	31
PHEAT+6339	proteomics_heat	4174237	4174317	+	1	2045	K.NMITGAAQMDGAILVVAATDGMPMQTR.E	31
PHEAT+6340	proteomics_heat	4174318	4174338	+	1	22	R.EHILLGR.Q	11
PHEAT+6341	proteomics_heat	4174318	4174338	+	1	22	R.EHILLGR.Q	11
PHEAT+6342	proteomics_heat	4174336	4174377	+	1	7	G.RQVGVPYIIVFLNK.C	18
PHEAT+6343	proteomics_heat	4174336	4174377	+	1	7	G.RQVGVPYIIVFLNK.C	18
PHEAT+6344	proteomics_heat	4174339	4174377	+	1	111	R.QVGVPYIIVFLNK.C	17
PHEAT+6345	proteomics_heat	4174339	4174377	+	1	111	R.QVGVPYIIVFLNK.C	17
PHEAT+6346	proteomics_heat	4174378	4174431	+	1	27	K.CDMVDDEELLELVEMEVR.E	22
PHEAT+6347	proteomics_heat	4174378	4174431	+	1	27	K.CDMVDDEELLELVEMEVR.E	22
PHEAT+6348	proteomics_heat	4174408	4174482	+	1	2	L.ELVEMEVRRELLSQYDFPGDDTPIVR.G	29
PHEAT+6349	proteomics_heat	4174408	4174482	+	1	2	L.ELVEMEVRRELLSQYDFPGDDTPIVR.G	29
PHEAT+6350	proteomics_heat	4174432	4174482	+	1	184	R.ELLSQYDFPGDDTPIVR.G	21

PHEAT+6351	proteomics_heat	4174432	4174482	+	1	184	R.ELLSQYDFPGDDTPIVR.G	21
PHEAT+6352	proteomics_heat	4174450	4174482	+	1	2	Y.DFPGDDTPIVR.G	15
PHEAT+6353	proteomics_heat	4174450	4174482	+	1	2	Y.DFPGDDTPIVR.G	15
PHEAT+6354	proteomics_heat	4174456	4174482	+	1	3	F.PGDDTPIVR.G	13
PHEAT+6355	proteomics_heat	4174456	4174482	+	1	3	F.PGDDTPIVR.G	13
PHEAT+6356	proteomics_heat	4174483	4174530	+	1	2	R.GSALKALEGDAEWEAK.I	20
PHEAT+6357	proteomics_heat	4174483	4174530	+	1	2	R.GSALKALEGDAEWEAK.I	20
PHEAT+6358	proteomics_heat	4174498	4174530	+	1	35	K.ALEGDAEWEAK.I	15
PHEAT+6359	proteomics_heat	4174498	4174530	+	1	35	K.ALEGDAEWEAK.I	15
PHEAT+6360	proteomics_heat	4174528	4174581	+	1	5	A.KILELAGFLDSYIPEPER.A	22
PHEAT+6361	proteomics_heat	4174528	4174581	+	1	5	A.KILELAGFLDSYIPEPER.A	22
PHEAT+6362	proteomics_heat	4174531	4174581	+	1	745	K.ILELAGFLDSYIPEPER.A	21
PHEAT+6363	proteomics_heat	4174531	4174581	+	1	745	K.ILELAGFLDSYIPEPER.A	21
PHEAT+6364	proteomics_heat	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PHEAT+6365	proteomics_heat	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PHEAT+6366	proteomics_heat	4174543	4174581	+	1	3	L.AGFLDSYIPEPER.A	17
PHEAT+6367	proteomics_heat	4174543	4174581	+	1	3	L.AGFLDSYIPEPER.A	17
PHEAT+6368	proteomics_heat	4174546	4174581	+	1	3	A.GFLDSYIPEPER.A	16
PHEAT+6369	proteomics_heat	4174546	4174581	+	1	3	A.GFLDSYIPEPER.A	16
PHEAT+6370	proteomics_heat	4174579	4174638	+	1	4	E.RAIDKPFLLPIDVFSISGR.G	24
PHEAT+6371	proteomics_heat	4174579	4174638	+	1	4	E.RAIDKPFLLPIDVFSISGR.G	24
PHEAT+6372	proteomics_heat	4174582	4174638	+	1	267	R.AIDKPFLLPIDVFSISGR.G	23
PHEAT+6373	proteomics_heat	4174582	4174638	+	1	267	R.AIDKPFLLPIDVFSISGR.G	23
PHEAT+6374	proteomics_heat	4174591	4174638	+	1	3	D.KPFLLPIDVFSISGR.G	20
PHEAT+6375	proteomics_heat	4174591	4174638	+	1	3	D.KPFLLPIDVFSISGR.G	20
PHEAT+6376	proteomics_heat	4174594	4174638	+	1	16	K.PFLLPIDVFSISGR.G	19
PHEAT+6377	proteomics_heat	4174594	4174638	+	1	16	K.PFLLPIDVFSISGR.G	19
PHEAT+6378	proteomics_heat	4174600	4174638	+	1	3	F.LLPIDVFSISGR.G	17
PHEAT+6379	proteomics_heat	4174600	4174638	+	1	3	F.LLPIDVFSISGR.G	17
PHEAT+6380	proteomics_heat	4174681	4174713	+	1	96	K.VGEEVEIVGIK.E	15
PHEAT+6381	proteomics_heat	4174681	4174713	+	1	96	K.VGEEVEIVGIK.E	15
PHEAT+6382	proteomics_heat	4174681	4174725	+	1	47	K.VGEEVEIVGIKETQK.S	19
PHEAT+6383	proteomics_heat	4174681	4174725	+	1	47	K.VGEEVEIVGIKETQK.S	19
PHEAT+6384	proteomics_heat	4174723	4174755	+	1	18	Q.KSTCTGVEMFR.K	15
PHEAT+6385	proteomics_heat	4174723	4174755	+	1	18	Q.KSTCTGVEMFR.K	15
PHEAT+6386	proteomics_heat	4174726	4174755	+	1	29	K.STCTGVEMFR.K	14
PHEAT+6387	proteomics_heat	4174726	4174755	+	1	29	K.STCTGVEMFR.K	14
PHEAT+6388	proteomics_heat	4174726	4174758	+	1	12	K.STCTGVEMFRK.L	15
PHEAT+6389	proteomics_heat	4174726	4174758	+	1	12	K.STCTGVEMFRK.L	15
PHEAT+6390	proteomics_heat	4174756	4174776	+	1	7	R.KLLDEGR.A	11
PHEAT+6391	proteomics_heat	4174756	4174776	+	1	7	R.KLLDEGR.A	11
PHEAT+6392	proteomics_heat	4174774	4174806	+	1	3	G.RAGENVGVLLR.G	15
PHEAT+6393	proteomics_heat	4174774	4174806	+	1	3	G.RAGENVGVLLR.G	15
PHEAT+6394	proteomics_heat	4174777	4174806	+	1	73	R.AGENVGVLLR.G	14
PHEAT+6395	proteomics_heat	4174777	4174806	+	1	73	R.AGENVGVLLR.G	14
PHEAT+6396	proteomics_heat	4174834	4174872	+	1	7	R.GQVLAKPGTIKPH.T	17

PHEAT+6397	proteomics_heat	4174834	4174872	+	1	7	R.GQVLAKPGTIKPH.T	17
PHEAT+6398	proteomics_heat	4174834	4174866	+	1	5	R.GQVLAKPGTIK.P	15
PHEAT+6399	proteomics_heat	4174834	4174866	+	1	5	R.GQVLAKPGTIK.P	15
PHEAT+6400	proteomics_heat	4174873	4174908	+	1	29	H.TKFESEVYILSK.D	16
PHEAT+6401	proteomics_heat	4174873	4174908	+	1	29	H.TKFESEVYILSK.D	16
PHEAT+6402	proteomics_heat	4174873	4174923	+	1	10	H.TKFESEVYILSKDEGGR.H	21
PHEAT+6403	proteomics_heat	4174873	4174923	+	1	10	H.TKFESEVYILSKDEGGR.H	21
PHEAT+6404	proteomics_heat	4174879	4174908	+	1	151	K.FESEVYILSK.D	14
PHEAT+6405	proteomics_heat	4174879	4174908	+	1	151	K.FESEVYILSK.D	14
PHEAT+6406	proteomics_heat	4174879	4174923	+	1	58	K.FESEVYILSKDEGGR.H	19
PHEAT+6407	proteomics_heat	4174879	4174923	+	1	58	K.FESEVYILSKDEGGR.H	19
PHEAT+6408	proteomics_heat	4174897	4174923	+	1	3	Y.ILSKDEGGR.H	13
PHEAT+6409	proteomics_heat	4174897	4174923	+	1	3	Y.ILSKDEGGR.H	13
PHEAT+6410	proteomics_heat	4174942	4174968	+	1	8	K.GYRPQFYFR.T	13
PHEAT+6411	proteomics_heat	4174942	4174968	+	1	8	K.GYRPQFYFR.T	13
PHEAT+6412	proteomics_heat	4174948	4174968	+	1	2	Y.RPQFYFR.T	11
PHEAT+6413	proteomics_heat	4174948	4174968	+	1	2	Y.RPQFYFR.T	11
PHEAT+6414	proteomics_heat	4174969	4175040	+	1	109	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PHEAT+6415	proteomics_heat	4174969	4175040	+	1	109	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PHEAT+6416	proteomics_heat	4174975	4175040	+	1	3	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PHEAT+6417	proteomics_heat	4174975	4175040	+	1	3	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PHEAT+6418	proteomics_heat	4174999	4175040	+	1	4	L.PEGVEMVMPGDNIK.M	18
PHEAT+6419	proteomics_heat	4174999	4175040	+	1	4	L.PEGVEMVMPGDNIK.M	18
PHEAT+6420	proteomics_heat	4175038	4175088	+	1	4	I.KMVVTLIHPIAMDDGLR.F	21
PHEAT+6421	proteomics_heat	4175038	4175088	+	1	4	I.KMVVTLIHPIAMDDGLR.F	21
PHEAT+6422	proteomics_heat	4175041	4175088	+	1	182	K.MVVTLIHPIAMDDGLR.F	20
PHEAT+6423	proteomics_heat	4175041	4175088	+	1	182	K.MVVTLIHPIAMDDGLR.F	20
PHEAT+6424	proteomics_heat	4175041	4175073	+	1	15	K.MVVTLIHPIAM.D	15
PHEAT+6425	proteomics_heat	4175041	4175073	+	1	15	K.MVVTLIHPIAM.D	15
PHEAT+6426	proteomics_heat	4175041	4175076	+	1	2	K.MVVTLIHPIAMD.D	16
PHEAT+6427	proteomics_heat	4175041	4175076	+	1	2	K.MVVTLIHPIAMD.D	16
PHEAT+6428	proteomics_heat	4175041	4175070	+	1	3	K.MVVTLIHPIA.M	14
PHEAT+6429	proteomics_heat	4175041	4175070	+	1	3	K.MVVTLIHPIA.M	14
PHEAT+6430	proteomics_heat	4175050	4175088	+	1	4	V.TLIHPIAMDDGLR.F	17
PHEAT+6431	proteomics_heat	4175050	4175088	+	1	4	V.TLIHPIAMDDGLR.F	17
PHEAT+6432	proteomics_heat	4175053	4175088	+	1	4	T.LIHPIAMDDGLR.F	16
PHEAT+6433	proteomics_heat	4175053	4175088	+	1	4	T.LIHPIAMDDGLR.F	16
PHEAT+6434	proteomics_heat	4175056	4175088	+	1	2	L.IHPIAMDDGLR.F	15
PHEAT+6435	proteomics_heat	4175056	4175088	+	1	2	L.IHPIAMDDGLR.F	15
PHEAT+6436	proteomics_heat	4175684	4175731	+	2	2	T.AVMSLILWGLDGILVR.L	20
PHEAT+6437	proteomics_heat	4175790	4175828	+	3	4	R.WYVVQAFSGFEGR.V	17
PHEAT+6438	proteomics_heat	4175859	4175924	+	3	10	K.LHNMEDLFGSEVMVPTVEVVEIR.G	26
PHEAT+6439	proteomics_heat	4176030	4176107	+	3	8	R.VMGFIGGTSDRPAPISDKEVDAIMNR.L	30
PHEAT+6440	proteomics_heat	4176039	4176107	+	3	2	G.FIGGTSDRPAPISDKEVDAIMNR.L	27
PHEAT+6441	proteomics_heat	4176108	4176140	+	3	3	R.LQQVGDKPRPK.T	15
PHEAT+6442	proteomics_heat	4176108	4176134	+	3	6	R.LQQVGDKPR.P	13

PHEAT+6443	proteomics_heat	4176141	4176170	+	3	2	K.TLFEPGEMVR.V	14
PHEAT+6444	proteomics_heat	4176171	4176230	+	3	5	R.VNDGPFADFNQVVEVDYK.S	24
PHEAT+6445	proteomics_heat	4176267	4176308	+	3	7	R.ATPVELDFSQVEKA.-	18
PHEAT+6446	proteomics_heat	4176267	4176305	+	3	2	R.ATPVELDFSQVEK.A	17
PHEAT+6447	proteomics_heat	4176623	4176664	+	2	48	K.GLPVITVYADR.S	18
PHEAT+6448	proteomics_heat	4176686	4176715	+	2	4	K.TPPAAVLLKK.A	14
PHEAT+6449	proteomics_heat	4176686	4176712	+	2	4	K.TPPAAVLLK.K	13
PHEAT+6450	proteomics_heat	4176779	4176808	+	2	21	R.AQLQEIAQTK.A	14
PHEAT+6451	proteomics_heat	4176809	4176850	+	2	29	K.AADMTGADIEAMTR.S	18
PHEAT+6452	proteomics_heat	4176959	4176994	+	2	15	K.QYDINEAIALLK.E	16
PHEAT+6453	proteomics_heat	4177013	4177060	+	2	245	K.FVESVDVAVNLGIDAR.K	20
PHEAT+6454	proteomics_heat	4177082	4177114	+	2	4	R.GATVLPHGTR.S	15
PHEAT+6455	proteomics_heat	4177124	4177165	+	2	21	R.VAVFTQGANAEEAAK.A	18
PHEAT+6456	proteomics_heat	4177166	4177216	+	2	73	K.AAGAELVGMEDLADQIK.K	21
PHEAT+6457	proteomics_heat	4177166	4177219	+	2	4	K.AAGAELVGMEDLADQIKK.G	22
PHEAT+6458	proteomics_heat	4177217	4177267	+	2	59	K.KGEMNFDVVIASPDAMR.V	21
PHEAT+6459	proteomics_heat	4177220	4177267	+	2	8	K.GEMNFDVVIASPDAMR.V	20
PHEAT+6460	proteomics_heat	4177268	4177303	+	2	23	R.VVGQLGQVLGPR.G	16
PHEAT+6461	proteomics_heat	4177325	4177363	+	2	4	K.VGTVTPNVAEAVK.N	17
PHEAT+6462	proteomics_heat	4177394	4177432	+	2	2	R.NDKNGIIHTTIGK.V	17
PHEAT+6463	proteomics_heat	4177403	4177432	+	2	32	K.NGIIHTTIGK.V	14
PHEAT+6464	proteomics_heat	4177430	4177492	+	2	8	G.KVDFDADKLENLEALLVALK.K	25
PHEAT+6465	proteomics_heat	4177433	4177492	+	2	69	K.VDFDADKLENLEALLVALK.K	24
PHEAT+6466	proteomics_heat	4177433	4177495	+	2	42	K.VDFDADKLENLEALLVALKK.A	25
PHEAT+6467	proteomics_heat	4177433	4177459	+	2	7	K.VDFDADKLE	13
PHEAT+6468	proteomics_heat	4177454	4177495	+	2	12	K.LKENLEALLVALKK.A	18
PHEAT+6469	proteomics_heat	4177454	4177492	+	2	14	K.LKENLEALLVALK.K	17
PHEAT+6470	proteomics_heat	4177460	4177492	+	2	6	K.ENLEALLVALK.K	15
PHEAT+6471	proteomics_heat	4177460	4177495	+	2	4	K.ENLEALLVALKK.A	16
PHEAT+6472	proteomics_heat	4177532	4177603	+	2	142	K.KVSISTTMGAGVAVDQAGLSASVN.-	28
PHEAT+6473	proteomics_heat	4178043	4178078	+	3	17	K.QAIVAEVSEVAK.G	16
PHEAT+6474	proteomics_heat	4178079	4178111	+	3	39	K.GALSAVVADSR.G	15
PHEAT+6475	proteomics_heat	4178202	4178300	+	3	9	R.RAVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	37
PHEAT+6476	proteomics_heat	4178202	4178237	+	3	18	R.RAVEGTPFECLK.D	16
PHEAT+6477	proteomics_heat	4178202	4178270	+	3	2	R.RAVEGTPFECLKDAFVGPTLIAY.S	27
PHEAT+6478	proteomics_heat	4178205	4178300	+	3	11	R.AVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	36
PHEAT+6479	proteomics_heat	4178205	4178237	+	3	10	R.AVEGTPFECLK.D	15
PHEAT+6480	proteomics_heat	4178205	4178270	+	3	5	R.AVEGTPFECLKDAFVGPTLIAY.S	26
PHEAT+6481	proteomics_heat	4178238	4178300	+	3	22	K.DAFVGPTLIAYSMEHPGAAAR.L	25
PHEAT+6482	proteomics_heat	4178250	4178300	+	3	2	V.GPTLIAYSMEHPGAAAR.L	21
PHEAT+6483	proteomics_heat	4178271	4178300	+	3	14	Y.SMEHPGAAAR.L	14
PHEAT+6484	proteomics_heat	4178346	4178393	+	3	17	K.AAAFEGELIPASQIDR.L	20
PHEAT+6485	proteomics_heat	4178391	4178432	+	3	2	D.RLATLPTYEEAIAR.L	18
PHEAT+6486	proteomics_heat	4178394	4178432	+	3	11	R.LATLPTYEEAIAR.L	17
PHEAT+6487	proteomics_heat	4178628	4178672	+	3	8	M.SVMDVVELISAMEEK.F	19
PHEAT+6488	proteomics_heat	4178673	4178762	+	3	1577	K.FGVSAAA AVAAGPVEAAEEKTEFDVILK.A	34

PHEAT+6489	proteomics_heat	4178673	4178738	+	3	157	K.FGVSAAA AVAAGPVEAAEEK.T	26
PHEAT+6490	proteomics_heat	4178703	4178762	+	3	22	A.VAAGPVEAAEEKTEFDVILK.A	24
PHEAT+6491	proteomics_heat	4178709	4178762	+	3	8	A.AGPVEAAEEKTEFDVILK.A	22
PHEAT+6492	proteomics_heat	4178712	4178762	+	3	47	A.GPVEAAEEKTEFDVILK.A	21
PHEAT+6493	proteomics_heat	4178739	4178762	+	3	3	K.TEFDVILK.A	12
PHEAT+6494	proteomics_heat	4178805	4178828	+	3	3	R.GATGLGLK.E	12
PHEAT+6495	proteomics_heat	4178829	4178870	+	3	3	K.EAKDLVESAPAALK.E	18
PHEAT+6496	proteomics_heat	4178838	4178909	+	3	16	K.DLVESAPAALKEGVSKDDAEALKK.A	28
PHEAT+6497	proteomics_heat	4178838	4178870	+	3	21	K.DLVESAPAALK.E	15
PHEAT+6498	proteomics_heat	4178838	4178885	+	3	2	K.DLVESAPAALKEGVSK.D	20
PHEAT+6499	proteomics_heat	4178871	4178909	+	3	39	K.EGVSKDDAEALKK.A	17
PHEAT+6500	proteomics_heat	4178871	4178906	+	3	6	K.EGVSKDDAEALK.K	16
PHEAT+6501	proteomics_heat	4178907	4178945	+	3	8	K.KALEEAGAEVEVK.-	17
PHEAT+6502	proteomics_heat	4178910	4178945	+	3	79	K.ALEEAGAEVEVK.-	16
PHEAT+6503	proteomics_heat	4179307	4179378	+	1	3	K.DFGKRPQVLDVPYLLSIQLDSFQK.F	28
PHEAT+6504	proteomics_heat	4179319	4179378	+	1	53	K.RPQVLDVPYLLSIQLDSFQK.F	24
PHEAT+6505	proteomics_heat	4179379	4179429	+	1	11	K.FIEQDPEGQYGLEAAFR.S	21
PHEAT+6506	proteomics_heat	4179430	4179489	+	1	7	R.SVFPIQSYSGNSELQVYSYR.L	24
PHEAT+6507	proteomics_heat	4179490	4179531	+	1	6	R.LGEPVFDVQECQIR.G	18
PHEAT+6508	proteomics_heat	4179532	4179558	+	1	3	R.GVTSAPLR.V	13
PHEAT+6509	proteomics_heat	4179613	4179696	+	1	7	K.DIKEQEVYMGEIPLMTDNGTFVINGTER.V	32
PHEAT+6510	proteomics_heat	4179622	4179696	+	1	7	K.EQEVYMGEIPLMTDNGTFVINGTER.V	29
PHEAT+6511	proteomics_heat	4179721	4179756	+	1	10	R.SPGVFFDSDKGK.T	16
PHEAT+6512	proteomics_heat	4179721	4179750	+	1	2	R.SPGVFFDSDK.G	14
PHEAT+6513	proteomics_heat	4179808	4179840	+	1	5	R.GSWLDFEFDPK.D	15
PHEAT+6514	proteomics_heat	4179808	4179858	+	1	3	R.GSWLDFEFDPKDNLFVR.I	21
PHEAT+6515	proteomics_heat	4179901	4179948	+	1	116	R.ALNYTTEQILDLFEEK.V	20
PHEAT+6516	proteomics_heat	4180003	4180047	+	1	19	R.LRGETASFDIEANGK.V	19
PHEAT+6517	proteomics_heat	4180117	4180152	+	1	3	K.LIEVPVEYIAGK.V	16
PHEAT+6518	proteomics_heat	4180165	4180239	+	1	30	K.DYIDESTGELICANMELSLDLLAK.L	29
PHEAT+6519	proteomics_heat	4180261	4180323	+	1	13	K.RIETLFTNDLDHGPIYSETLR.V	25
PHEAT+6520	proteomics_heat	4180264	4180323	+	1	6	R.IETLFTNDLDHGPIYSETLR.V	24
PHEAT+6521	proteomics_heat	4180345	4180371	+	1	5	R.LSALVEIYR.M	13
PHEAT+6522	proteomics_heat	4180402	4180449	+	1	9	R.EAAESLFENLFFSEDR.Y	20
PHEAT+6523	proteomics_heat	4180450	4180473	+	1	2	R.YDLSAVGR.M	12
PHEAT+6524	proteomics_heat	4180489	4180560	+	1	9	R.SLLREEIEGSGILSKDDIIDVMKK.L	28
PHEAT+6525	proteomics_heat	4180489	4180557	+	1	16	R.SLLREEIEGSGILSKDDIIDVMK.K	27
PHEAT+6526	proteomics_heat	4180489	4180533	+	1	8	R.SLLREEIEGSGILSK.D	19
PHEAT+6527	proteomics_heat	4180501	4180557	+	1	2	R.EEIEGSGILSKDDIIDVMK.K	23
PHEAT+6528	proteomics_heat	4180534	4180557	+	1	2	K.DDIIDVMK.K	12
PHEAT+6529	proteomics_heat	4180576	4180620	+	1	6	R.NGKGEVDDIDHLGNR.R	19
PHEAT+6530	proteomics_heat	4180585	4180620	+	1	2	K.GEVDDIDHLGNR.R	16
PHEAT+6531	proteomics_heat	4180630	4180662	+	1	7	R.SVGEMAENQFR.V	15
PHEAT+6532	proteomics_heat	4180696	4180776	+	1	2	K.ERLSGLDLDLMPQDMINAKPISAAVK.E	31
PHEAT+6533	proteomics_heat	4180702	4180776	+	1	17	R.LSLGLDLDLMPQDMINAKPISAAVK.E	29
PHEAT+6534	proteomics_heat	4180702	4180755	+	1	3	R.LSLGLDLDLMPQDMINAK.P	22

PHEAT+6535	proteomics_heat	4180777	4180848	+	1	11	K.EFFGSSQLSQFMDQNNPLSEITHK.R	28
PHEAT+6536	proteomics_heat	4180777	4180851	+	1	3	K.EFFGSSQLSQFMDQNNPLSEITHKR.R	29
PHEAT+6537	proteomics_heat	4180855	4180887	+	1	6	R.ISALGPGGLTR.E	15
PHEAT+6538	proteomics_heat	4180912	4180938	+	1	2	R.DVHPHTHYGR.V	13
PHEAT+6539	proteomics_heat	4180939	4181043	+	1	4	R.VCPIETPEGPNIGLINSLSVYAQTNEYGFLETPYR.K	39
PHEAT+6540	proteomics_heat	4180939	4181046	+	1	3	R.VCPIETPEGPNIGLINSLSVYAQTNEYGFLETPYRK.V	40
PHEAT+6541	proteomics_heat	4181047	4181178	+	1	3	K.VTDGVVTDEIHVLSAIEEGNYVIAQANSNLDEEGHFVEDLVTCR.S	48
PHEAT+6542	proteomics_heat	4181179	4181208	+	1	2	R.SKGESLSFSR.D	14
PHEAT+6543	proteomics_heat	4181209	4181301	+	1	21	R.DQVDYMDVSTQQVSVGASLIPFLEHDDANR.A	35
PHEAT+6544	proteomics_heat	4181350	4181385	+	1	8	R.ADKPLVGTGMER.A	16
PHEAT+6545	proteomics_heat	4181386	4181424	+	1	5	R.AVAVDSGVTAVAK.R	17
PHEAT+6546	proteomics_heat	4181425	4181460	+	1	9	K.RGGVVQYVDASR.I	16
PHEAT+6547	proteomics_heat	4181428	4181460	+	1	5	R.GGVVQYVDASR.I	15
PHEAT+6548	proteomics_heat	4181473	4181532	+	1	5	K.VNEDEMYPGEAGIDIYNLTK.Y	24
PHEAT+6549	proteomics_heat	4181542	4181604	+	1	4	R.SNQNTCINQMPCVSLGEPVER.G	25
PHEAT+6550	proteomics_heat	4181605	4181670	+	1	2	R.GDVLADGPSTDLGELALGQNMV.V	26
PHEAT+6551	proteomics_heat	4181638	4181730	+	1	2	D.LGELALGQNMVAFMPWNGYNFEDSILVSR.V	35
PHEAT+6552	proteomics_heat	4181671	4181730	+	1	23	R.VAFMPWNGYNFEDSILVSR.V	24
PHEAT+6553	proteomics_heat	4181707	4181730	+	1	2	E.DSILVSR.V	12
PHEAT+6554	proteomics_heat	4181749	4181790	+	1	35	R.FTTIHIQELACVSR.D	18
PHEAT+6555	proteomics_heat	4181800	4181859	+	1	15	K.LGPPEITADIPNVGEAALSK.L	24
PHEAT+6556	proteomics_heat	4181938	4181967	+	1	4	K.GETQLTPEEK.L	14
PHEAT+6557	proteomics_heat	4182025	4182075	+	1	29	R.VPNGVSGTVIDVQVFTR.D	21
PHEAT+6558	proteomics_heat	4182100	4182129	+	1	5	R.ALEIEEMQLK.Q	14
PHEAT+6559	proteomics_heat	4182139	4182189	+	1	35	K.KDLSEELQILEAGLFSR.I	21
PHEAT+6560	proteomics_heat	4182142	4182189	+	1	33	K.DLSEELQILEAGLFSR.I	20
PHEAT+6561	proteomics_heat	4182196	4182249	+	1	5	R.AVLVAGGVEAEKLDKLP.D	22
PHEAT+6562	proteomics_heat	4182196	4182240	+	1	9	R.AVLVAGGVEAEKLDK.L	19
PHEAT+6563	proteomics_heat	4182196	4182231	+	1	4	R.AVLVAGGVEAEK.L	16
PHEAT+6564	proteomics_heat	4182250	4182288	+	1	2	R.DRWLELGLTDEEK.Q	17
PHEAT+6565	proteomics_heat	4182289	4182348	+	1	5	K.QNQLEQLAEQYDELKHEFEK.K	24
PHEAT+6566	proteomics_heat	4182370	4182411	+	1	5	R.KITQGDDLAPGVLK.I	18
PHEAT+6567	proteomics_heat	4182373	4182411	+	1	3	K.ITQGDDLAPGVLK.I	17
PHEAT+6568	proteomics_heat	4182502	4182585	+	1	18	K.INPIEDMPYDENGTPVDIVLNPLGVPSR.M	32
PHEAT+6569	proteomics_heat	4182586	4182633	+	1	20	R.MNIGQIILETHLGMAAK.G	20
PHEAT+6570	proteomics_heat	4182634	4182666	+	1	2	K.GIGDKINAMLK.Q	15
PHEAT+6571	proteomics_heat	4182709	4182735	+	1	3	R.AYDLGADV.R.Q	13
PHEAT+6572	proteomics_heat	4182736	4182780	+	1	10	R.QKVDLSTFSDEEVMR.L	19
PHEAT+6573	proteomics_heat	4182742	4182780	+	1	3	K.VDLSTFSDEEVMR.L	17
PHEAT+6574	proteomics_heat	4182802	4182840	+	1	2	K.GMPIATPVFDGAK.E	17
PHEAT+6575	proteomics_heat	4182841	4182867	+	1	2	K.EAEIKELLK.L	13
PHEAT+6576	proteomics_heat	4182868	4182900	+	1	2	K.LGDLPTSGQIR.L	15
PHEAT+6577	proteomics_heat	4182916	4182969	+	1	11	R.TGEQFERPVTGYMYMLK.L	22
PHEAT+6578	proteomics_heat	4182970	4182993	+	1	10	K.LNHLVDDK.M	12
PHEAT+6579	proteomics_heat	4183006	4183053	+	1	8	R.STGSYSLVTQQPLGGK.A	20
PHEAT+6580	proteomics_heat	4183186	4183251	+	1	10	K.NIVDGNHQMEPGMPESFNVLK.E	26

PHEAT+6581	proteomics_heat	4183412	4183435	+	2	2	K.TEEFDAIK.I	12
PHEAT+6582	proteomics_heat	4183436	4183465	+	2	3	K.IALASPDMIR.S	14
PHEAT+6583	proteomics_heat	4183490	4183513	+	2	3	K.KPETINYR.T	12
PHEAT+6584	proteomics_heat	4183532	4183552	+	2	2	R.DGLFCAR.I	11
PHEAT+6585	proteomics_heat	4183553	4183594	+	2	4	R.IFGPVKDYECLCGK.Y	18
PHEAT+6586	proteomics_heat	4183571	4183594	+	2	4	K.DYECLCGK.Y	12
PHEAT+6587	proteomics_heat	4183634	4183660	+	2	5	K.CGVEVTQTK.V	13
PHEAT+6588	proteomics_heat	4183676	4183726	+	2	19	R.MGHIELASPTAHWFLK.S	21
PHEAT+6589	proteomics_heat	4183742	4183783	+	2	2	R.IGLLDMPLRDIER.V	18
PHEAT+6590	proteomics_heat	4183742	4183771	+	2	2	R.IGLLDMPLR.D	14
PHEAT+6591	proteomics_heat	4183841	4183909	+	2	10	R.QQILTEEQYLDALFEFGDEFDAK.M	27
PHEAT+6592	proteomics_heat	4183910	4183942	+	2	6	K.MGAEAIQALLK.S	15
PHEAT+6593	proteomics_heat	4183943	4184011	+	2	6	K.SMDLEQECEQLREELNETNSETK.R	27
PHEAT+6594	proteomics_heat	4183943	4184014	+	2	3	K.SMDLEQECEQLREELNETNSETKR.K	28
PHEAT+6595	proteomics_heat	4184039	4184083	+	2	2	K.LLEAFVQSGNKPEWM.I	19
PHEAT+6596	proteomics_heat	4184147	4184182	+	2	3	G.RFATSDLNDLYR.R	16
PHEAT+6597	proteomics_heat	4184150	4184182	+	2	4	R.FATSDLNDLYR.R	15
PHEAT+6598	proteomics_heat	4184213	4184251	+	2	3	K.RLLDLAAPDIIVR.N	17
PHEAT+6599	proteomics_heat	4184216	4184251	+	2	7	R.LLDLAAPDIIVR.N	16
PHEAT+6600	proteomics_heat	4184261	4184305	+	2	4	K.RMLQEAVDALLDNGR.R	19
PHEAT+6601	proteomics_heat	4184264	4184305	+	2	3	R.MLQEAVDALLDNGR.R	18
PHEAT+6602	proteomics_heat	4184408	4184428	+	2	10	K.RVDYSGR.S	11
PHEAT+6603	proteomics_heat	4184429	4184458	+	2	2	R.SVITVGPYLR.L	14
PHEAT+6604	proteomics_heat	4184459	4184482	+	2	3	R.LHQCGLPK.K	12
PHEAT+6605	proteomics_heat	4184483	4184524	+	2	2	K.KMALELFKPFYIGK.L	18
PHEAT+6606	proteomics_heat	4184486	4184524	+	2	7	K.MALELFKPFYIGK.L	17
PHEAT+6607	proteomics_heat	4184582	4184623	+	2	22	R.EEAVVWDILDEVIR.E	18
PHEAT+6608	proteomics_heat	4184624	4184647	+	2	7	R.EHPVLLNR.A	12
PHEAT+6609	proteomics_heat	4184666	4184707	+	2	7	R.LGIQAFEPVliegk.A	18
PHEAT+6610	proteomics_heat	4184735	4184815	+	2	2	C.AAYNADFDGDQMAVHVPLTLEAQLEAR.A	31
PHEAT+6611	proteomics_heat	4184816	4184917	+	2	18	R.ALMMSTNNILSPANGEPiivpsQDVVLGLYmtr.D	38
PHEAT+6612	proteomics_heat	4184837	4184917	+	2	2	N.NILSPANGEPiivpsQDVVLGLYmtr.D	31
PHEAT+6613	proteomics_heat	4184936	4184965	+	2	2	K.GEGMVLTPK.E	14
PHEAT+6614	proteomics_heat	4184987	4185013	+	2	2	R.SGLASLHAR.V	13
PHEAT+6615	proteomics_heat	4185026	4185070	+	2	4	R.ITEYEKDANGELVAK.T	19
PHEAT+6616	proteomics_heat	4185044	4185070	+	2	3	K.DANGELVAK.T	13
PHEAT+6617	proteomics_heat	4185071	4185100	+	2	8	K.TSLKDTTVGR.A	14
PHEAT+6618	proteomics_heat	4185101	4185127	+	2	2	R.AILWMIVPK.G	13
PHEAT+6619	proteomics_heat	4185128	4185169	+	2	4	K.GLPYSIVNqALGkK.A	18
PHEAT+6620	proteomics_heat	4185128	4185166	+	2	7	K.GLPYSIVNqALGk.K	17
PHEAT+6621	proteomics_heat	4185203	4185274	+	2	12	R.ILGLKPTVIFADQIMYtGFAYAAR.S	28
PHEAT+6622	proteomics_heat	4185275	4185322	+	2	7	R.SGASVGIDDMVIPEK.H	20
PHEAT+6623	proteomics_heat	4185275	4185319	+	2	5	R.SGASVGIDDMVIPEK.K	19
PHEAT+6624	proteomics_heat	4185320	4185406	+	2	25	K.KHEIISEAEAEVIEIQEQFQSGLVtAGER.Y	33
PHEAT+6625	proteomics_heat	4185323	4185406	+	2	41	K.HEIISEAEAEVIEIQEQFQSGLVtAGER.Y	32
PHEAT+6626	proteomics_heat	4185458	4185499	+	2	5	K.AMMDNLQTTETVINR.D	18

PHEAT+6627	proteomics_heat	4185458	4185517	+	2	2	K.AMMDNLQTETVINRDGQEEK.Q	24
PHEAT+6628	proteomics_heat	4185518	4185565	+	2	3	K.QVSFNSIYMMADSGAR.G	20
PHEAT+6629	proteomics_heat	4185605	4185664	+	2	12	R.GLMAKPDGSIETPITANFR.E	24
PHEAT+6630	proteomics_heat	4185665	4185712	+	2	30	R.EGLNLVQYFISTHGAR.K	20
PHEAT+6631	proteomics_heat	4185713	4185739	+	2	8	R.KGLADTALK.T	13
PHEAT+6632	proteomics_heat	4185740	4185766	+	2	4	K.TANSGYLTR.R	13
PHEAT+6633	proteomics_heat	4185899	4185952	+	2	12	R.VTAEDVLKPGTADILVPR.N	22
PHEAT+6634	proteomics_heat	4185953	4186015	+	2	12	R.NTLLHEQWCDLLEENSVDVAVK.V	25
PHEAT+6635	proteomics_heat	4186022	4186075	+	2	5	R.SVVSCDTDFGVCAHCYGR.D	22
PHEAT+6636	proteomics_heat	4186088	4186171	+	2	9	R.GHIINKGEAIGVIAAQSIGEPGTQLTMR.T	32
PHEAT+6637	proteomics_heat	4186106	4186171	+	2	3	K.GEAGVIAAQSIGEPGTQLTMR.T	26
PHEAT+6638	proteomics_heat	4186172	4186201	+	2	4	R.TFHIGGAASR.A	14
PHEAT+6639	proteomics_heat	4186202	4186231	+	2	11	R.AAAESSIQVK.N	14
PHEAT+6640	proteomics_heat	4186343	4186387	+	2	4	R.TKESYKVPYGAVLAK.G	19
PHEAT+6641	proteomics_heat	4186349	4186387	+	2	4	K.ESYKVPYGAVLAK.G	17
PHEAT+6642	proteomics_heat	4186388	4186441	+	2	3	K.GDGEQVAGGETVANWDPH.T	22
PHEAT+6643	proteomics_heat	4186388	4186480	+	2	14	K.GDGEQVAGGETVANWDPHTMPVITEVSGFVR.F	35
PHEAT+6644	proteomics_heat	4186481	4186516	+	2	2	R.FTDMIDGQTITR.Q	16
PHEAT+6645	proteomics_heat	4186490	4186573	+	2	2	D.MIDGQTITRQTDELTLGLSSLVVLDSAER.T	32
PHEAT+6646	proteomics_heat	4186517	4186573	+	2	13	R.QTDELTLGLSSLVVLDSAER.T	23
PHEAT+6647	proteomics_heat	4186610	4186684	+	2	12	K.IVDAQGNDVLIPGTDMPAQYFLPGK.A	29
PHEAT+6648	proteomics_heat	4186685	4186741	+	2	34	K.AIVQLEDGVQISSGDTLAR.I	23
PHEAT+6649	proteomics_heat	4186793	4186816	+	2	3	R.VADLFEAR.R	12
PHEAT+6650	proteomics_heat	4186826	4186873	+	2	3	K.EPAILAEISGIVSFGK.E	20
PHEAT+6651	proteomics_heat	4186892	4186948	+	2	3	R.RLVITPVDGSDPYEEMIPK.W	23
PHEAT+6652	proteomics_heat	4186895	4186948	+	2	8	R.LVITPVDGSDPYEEMIPK.W	22
PHEAT+6653	proteomics_heat	4186925	4186948	+	2	2	D.PYEEMIPK.W	12
PHEAT+6654	proteomics_heat	4186955	4186981	+	2	3	R.QLNVFEGER.V	13
PHEAT+6655	proteomics_heat	4186982	4187038	+	2	4	R.VERGDVISDGPEAPHDILR.L	23
PHEAT+6656	proteomics_heat	4186991	4187038	+	2	5	R.GDVISDGPEAPHDILR.L	20
PHEAT+6657	proteomics_heat	4187066	4187098	+	2	5	R.YIVNEVQDVYR.L	15
PHEAT+6658	proteomics_heat	4187126	4187146	+	2	6	K.HIEVIVR.Q	11
PHEAT+6659	proteomics_heat	4187159	4187224	+	2	13	R.KATIVNAGSSDFLEGEQVEYSR.V	26
PHEAT+6660	proteomics_heat	4187162	4187224	+	2	5	K.ATIVNAGSSDFLEGEQVEYSR.V	25
PHEAT+6661	proteomics_heat	4187306	4187362	+	2	14	K.ASLATESFISAASFQETTR.V	23
PHEAT+6662	proteomics_heat	4187363	4187392	+	2	6	R.VLTEAAVAGK.R	14
PHEAT+6663	proteomics_heat	4187363	4187395	+	2	3	R.VLTEAAVAGKR.D	15
PHEAT+6664	proteomics_heat	4187408	4187437	+	2	6	R.GLKENVIVGR.L	14
PHEAT+6665	proteomics_heat	4187438	4187479	+	2	6	R.LIPAGTGYAYHQDR.M	18
PHEAT+6666	proteomics_heat	4187444	4187479	+	2	2	I.PAGTGYAYHQDR.M	16
PHEAT+6667	proteomics_heat	4187489	4187593	+	2	4	R.RAAGEAPAAPQVTAEDASASLAELLNAGLGGSDNE.-	39
PHEAT+6668	proteomics_heat	4195001	4195051	+	2	2	K.GELPYGEAANFDLVGQR.A	21
PHEAT+6669	proteomics_heat	4195052	4195108	+	2	2	R.ALQIGEWQGEVWLVLVQQQR.R	23
PHEAT+6670	proteomics_heat	4195334	4195369	+	2	2	R.RDDSILLAQHTR.H	16
PHEAT+6671	proteomics_heat	4195376	4195444	+	2	7	R.NGVHTVLAGFVEVGETLEQAVAR.E	27
PHEAT+6672	proteomics_heat	4195739	4195762	+	2	2	K.MTELNDR.Y	12

PHEAT+6673	proteomics_heat	4196057	4196125	+	2	4	K.ADVDKLPIPDPEDELGYVMNAVR.T	27
PHEAT+6674	proteomics_heat	4196081	4196125	+	2	4	I.PDPEDELGYVMNAVR.T	19
PHEAT+6675	proteomics_heat	4196138	4196224	+	2	6	R.ELKGEVPLIGFSGSPWTLATYMVEGGSSK.A	33
PHEAT+6676	proteomics_heat	4196147	4196224	+	2	3	K.GEVPLIGFSGSPWTLATYMVEGGSSK.A	30
PHEAT+6677	proteomics_heat	4196246	4196290	+	2	2	K.MMYADPQALHALLDK.L	19
PHEAT+6678	proteomics_heat	4196390	4196425	+	2	2	R.DYQQFSLYMHK.I	16
PHEAT+6679	proteomics_heat	4196489	4196575	+	2	2	K.GGGQWLEAMAETGCDALGLDWTTDIADAR.R	33
PHEAT+6680	proteomics_heat	4196594	4196647	+	2	5	K.VALQGNMPSMLYAPPAR.I	22
PHEAT+6681	proteomics_heat	4197011	4197055	+	2	2	R.IATTMPYIPGFLSFR.E	19
PHEAT+6682	proteomics_heat	4197749	4197847	+	2	2	K.FEEAIPSADDFDLYGVPAIDACVALSELVHSR.L	37
PHEAT+6683	proteomics_heat	4197848	4197889	+	2	2	R.LSGETLEHAVEVSK.T	18
PHEAT+6684	proteomics_heat	4198304	4198342	+	2	2	L.MNKTLQIDVIAEK.A	17
PHEAT+6685	proteomics_heat	4198313	4198342	+	2	17	K.TQLIDVIAEK.A	14
PHEAT+6686	proteomics_heat	4198313	4198357	+	2	8	K.TQLIDVIAEKAELSK.T	19
PHEAT+6687	proteomics_heat	4198370	4198414	+	2	22	K.AALESTLAAITESLK.E	19
PHEAT+6688	proteomics_heat	4198370	4198456	+	2	502	K.AALESTLAAITESLKEGDAVQLVGFGTK.V	33
PHEAT+6689	proteomics_heat	4198415	4198456	+	2	12	K.EGDAVQLVGFGTK.V	18
PHEAT+6690	proteomics_heat	4198514	4198552	+	2	36	K.IAAANVPAFVSGK.A	17
PHEAT+6691	proteomics_heat	4204039	4204122	+	1	2	S.SSRIEPPGWITQVTPAAAAASIPSRNGK.N	32
PHEAT+6692	proteomics_heat	4212306	4212350	+	3	6	M.PIRVPDELPAVNFLR.E	19
PHEAT+6693	proteomics_heat	4212315	4212350	+	3	2	R.VPDELPAVNFLR.E	16
PHEAT+6694	proteomics_heat	4212384	4212413	+	3	3	R.ASGQEIRPLK.V	14
PHEAT+6695	proteomics_heat	4212414	4212440	+	3	2	K.VLILNMPK.K	13
PHEAT+6696	proteomics_heat	4212441	4212470	+	3	4	K.KIETENQFLR.L	14
PHEAT+6697	proteomics_heat	4212471	4212515	+	3	7	R.LLSNSPLQVDIQLLR.I	19
PHEAT+6698	proteomics_heat	4212846	4212881	+	3	3	R.GFDDSLPHSR.Y	16
PHEAT+6699	proteomics_heat	4212912	4212977	+	3	36	R.DYTDLEILAETEEGDAYLFASK.D	26
PHEAT+6700	proteomics_heat	4212987	4213049	+	3	10	R.IAFVTGHPEYDAQTLAQEFFR.D	25
PHEAT+6701	proteomics_heat	4213050	4213124	+	3	4	R.DVEAGLDPDVPYNYFPHNDPQNTPR.A	29
PHEAT+6702	proteomics_heat	4213050	4213106	+	3	4	R.DVEAGLDPDVPYNYFPHND.P	23
PHEAT+6703	proteomics_heat	4213137	4213169	+	3	2	R.SHGNULLFTNWL.N	15
PHEAT+6704	proteomics_heat	4213209	4213229	+	3	2	R.HMNPTLD.-	11
PHEAT+6705	proteomics_heat	4213504	4213566	+	1	12	M.TEQATTTDELAFTRPYGEQEK.Q	25
PHEAT+6706	proteomics_heat	4213567	4213632	+	1	165	K.QILTAEAVEFLTELVTHTFPQR.N	26
PHEAT+6707	proteomics_heat	4213588	4213632	+	1	10	A.VEFLTELVTHTFPQR.N	19
PHEAT+6708	proteomics_heat	4213654	4213722	+	1	20	R.IQQQQDIDNGTLPDFISETASIR.D	27
PHEAT+6709	proteomics_heat	4213771	4213800	+	1	21	R.RVEITGPVER.K	14
PHEAT+6710	proteomics_heat	4213801	4213836	+	1	9	R.KMVINALNANVK.V	16
PHEAT+6711	proteomics_heat	4213804	4213836	+	1	10	K.MVINALNANVK.V	15
PHEAT+6712	proteomics_heat	4213837	4213884	+	1	18	K.VFMADFEDSLAPDWNK.V	20
PHEAT+6713	proteomics_heat	4213837	4213911	+	1	4	K.VFMADFEDSLAPDWNKVIDGQINLR.D	29
PHEAT+6714	proteomics_heat	4213885	4213911	+	1	4	K.VIDGQINLR.D	13
PHEAT+6715	proteomics_heat	4213912	4213956	+	1	112	R.DAVNGTISYTNEAGK.I	19
PHEAT+6716	proteomics_heat	4213921	4213956	+	1	2	V.NGTISYTNEAGK.I	16
PHEAT+6717	proteomics_heat	4213957	4213989	+	1	2	K.IYQLKPNPAVL.I	15
PHEAT+6718	proteomics_heat	4213957	4213983	+	1	5	K.IYQLKPNPA.V	13

PHEAT+6719	proteomics_heat	4213957	4213998	+	1	25	K.IYQLKPNPAVLICR.V	18
PHEAT+6720	proteomics_heat	4214083	4214115	+	1	3	Y.FFHNYQALLAK.G	15
PHEAT+6721	proteomics_heat	4214116	4214145	+	1	3	K.GSGPYFYLPK.T	14
PHEAT+6722	proteomics_heat	4214233	4214298	+	1	39	K.ATLLIETLPAVFQMDEILHALR.D	26
PHEAT+6723	proteomics_heat	4214299	4214328	+	1	7	R.DHIVGLNCGR.W	14
PHEAT+6724	proteomics_heat	4214329	4214355	+	1	3	R.WDYIFSUIK.T	13
PHEAT+6725	proteomics_heat	4214395	4214439	+	1	17	R.QAVTMDKPFLNAYS.R	19
PHEAT+6726	proteomics_heat	4214395	4214433	+	1	3	R.QAVTMDKPFLNAY.S	17
PHEAT+6727	proteomics_heat	4214467	4214544	+	1	39	R.GAFAMGGMAAFIPSKDEEHNNQVLNK.V	30
PHEAT+6728	proteomics_heat	4214476	4214544	+	1	6	F.AMGGMAAFIPSKDEEHNNQVLNK.V	27
PHEAT+6729	proteomics_heat	4214491	4214544	+	1	3	M.AAFIPSKDEEHNNQVLNK.V	22
PHEAT+6730	proteomics_heat	4214560	4214658	+	1	31	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSR.K	37
PHEAT+6731	proteomics_heat	4214659	4214682	+	1	4	R.KNQLEVMR.E	12
PHEAT+6732	proteomics_heat	4214662	4214682	+	1	2	K.NQLEVMR.E	11
PHEAT+6733	proteomics_heat	4214683	4214739	+	1	9	R.EQDAPITADQLLAPCDGER.T	23
PHEAT+6734	proteomics_heat	4214770	4214865	+	1	75	R.VAVQYIEAWISGNGCVPIYGLMEDAATAEISR.T	36
PHEAT+6735	proteomics_heat	4214899	4214928	+	1	12	K.TLSNGKPVTK.A	14
PHEAT+6736	proteomics_heat	4214941	4214964	+	1	4	R.QMLGEEMK.V	12
PHEAT+6737	proteomics_heat	4214965	4214994	+	1	10	K.VIASELGEER.F	14
PHEAT+6738	proteomics_heat	4214995	4215090	+	1	4	R.FSQGRFDDAARLMEQITTSDELIDFLTLPGYR.L	36
PHEAT+6739	proteomics_heat	4215028	4215090	+	1	139	R.LMEQITTSDELIDFLTLPGYR.L	25
PHEAT+6740	proteomics_heat	4215138	4215170	+	3	4	K.TRTQQIEELQK.E	15
PHEAT+6741	proteomics_heat	4215144	4215188	+	3	10	R.TQQIEELQKEWTQPR.W	19
PHEAT+6742	proteomics_heat	4215144	4215170	+	3	6	R.TQQIEELQK.E	13
PHEAT+6743	proteomics_heat	4215189	4215233	+	3	21	R.WEGITRYPYSAEDVVK.L	19
PHEAT+6744	proteomics_heat	4215189	4215221	+	3	3	R.WEGITRYPYSAE.D	15
PHEAT+6745	proteomics_heat	4215234	4215287	+	3	15	K.LRGSVNPECTLAQLGAAK.M	22
PHEAT+6746	proteomics_heat	4215240	4215287	+	3	24	R.GSVNPECTLAQLGAAK.M	20
PHEAT+6747	proteomics_heat	4215252	4215287	+	3	2	N.PECTLAQLGAAK.M	16
PHEAT+6748	proteomics_heat	4215318	4215368	+	3	8	K.KGYINSLGALTGGQALQ.Q	21
PHEAT+6749	proteomics_heat	4215318	4215377	+	3	55	K.KGYINSLGALTGGQALQQA.A	24
PHEAT+6750	proteomics_heat	4215318	4215371	+	3	2	K.KGYINSLGALTGGQALQQ.A	22
PHEAT+6751	proteomics_heat	4215318	4215365	+	3	5	K.KGYINSLGALTGGQAL.Q	20
PHEAT+6752	proteomics_heat	4215321	4215377	+	3	9	K.GYINSLGALTGGQALQQA.A	23
PHEAT+6753	proteomics_heat	4215321	4215383	+	3	2	K.GYINSLGALTGGQALQQAAG.I	25
PHEAT+6754	proteomics_heat	4215378	4215500	+	3	115	K.AGIEAVYLSGWQVAADANLAASMYPDQSLYPANSPAVVER.I	45
PHEAT+6755	proteomics_heat	4215447	4215500	+	3	6	M.YPDQSLYPANSPAVVER.I	22
PHEAT+6756	proteomics_heat	4215519	4215569	+	3	9	R.RADQIQWSAGIEPGDPR.Y	21
PHEAT+6757	proteomics_heat	4215519	4215563	+	3	2	R.RADQIQWSAGIEPGD.P	19
PHEAT+6758	proteomics_heat	4215522	4215569	+	3	17	R.ADQIQWSAGIEPGDPR.Y	20
PHEAT+6759	proteomics_heat	4215570	4215650	+	3	273	R.YVDYFLPIVADAEAGFGGVLNAFELMK.A	31
PHEAT+6760	proteomics_heat	4215648	4215710	+	3	12	M.KAMIEAGAAVHFEDQLASVK.K	25
PHEAT+6761	proteomics_heat	4215651	4215713	+	3	34	K.AMIEAGAAVHFEDQLASVKK.C	25
PHEAT+6762	proteomics_heat	4215651	4215710	+	3	66	K.AMIEAGAAVHFEDQLASVK.K	24
PHEAT+6763	proteomics_heat	4215735	4215767	+	3	13	K.VLVPTQEAIQK.L	15
PHEAT+6764	proteomics_heat	4215783	4215827	+	3	19	R.LAADVTGVPTLLVAR.T	19

PHEAT+6765	proteomics_heat	4215828	4215863	+	3	2	R.TDADAADLITSD.C	16
PHEAT+6766	proteomics_heat	4215828	4215902	+	3	76	R.TDADAADLITSDCDPYDSEFITGER.T	29
PHEAT+6767	proteomics_heat	4215828	4215884	+	3	3	R.TDADAADLITSDCDPYDSE.F	23
PHEAT+6768	proteomics_heat	4215828	4215878	+	3	3	R.TDADAADLITSDCDPYD.S	21
PHEAT+6769	proteomics_heat	4215828	4215869	+	3	8	R.TDADAADLITSDCD.P	18
PHEAT+6770	proteomics_heat	4215840	4215902	+	3	2	D.AADLITSDCDPYDSEFITGER.T	25
PHEAT+6771	proteomics_heat	4215849	4215902	+	3	4	D.LITSDCDPYDSEFITGER.T	22
PHEAT+6772	proteomics_heat	4215852	4215902	+	3	4	L.ITSDCDPYDSEFITGER.T	21
PHEAT+6773	proteomics_heat	4215855	4215902	+	3	8	I.TSDCDPYDSEFITGER.T	20
PHEAT+6774	proteomics_heat	4215864	4215902	+	3	3	D.CDPYDSEFITGER.T	17
PHEAT+6775	proteomics_heat	4215870	4215902	+	3	17	D.PYDSEFITGER.T	15
PHEAT+6776	proteomics_heat	4215876	4215902	+	3	2	Y.DSEFITGER.T	13
PHEAT+6777	proteomics_heat	4215924	4215956	+	3	40	R.THAGIEQAIISR.G	15
PHEAT+6778	proteomics_heat	4215954	4216028	+	3	9	S.RGLAYAPYADLVWCETSTPDLELAR.R	29
PHEAT+6779	proteomics_heat	4215957	4216028	+	3	41	R.GLAYAPYADLVWCETSTPDLELAR.R	28
PHEAT+6780	proteomics_heat	4216032	4216055	+	3	3	R.FAQAIHAK.Y	12
PHEAT+6781	proteomics_heat	4216068	4216109	+	3	17	K.LLAYNCSPSFNWQK.N	18
PHEAT+6782	proteomics_heat	4216110	4216169	+	3	8	K.NLDDKTIASFQQQLSDMGYK.F	24
PHEAT+6783	proteomics_heat	4216125	4216169	+	3	16	K.TIASFQQQLSDMGYK.F	19
PHEAT+6784	proteomics_heat	4216212	4216259	+	3	3	F.NMFDLANAYAQQEGMK.H	20
PHEAT+6785	proteomics_heat	4216305	4216361	+	3	46	K.DGYTFVSHQQEVGTGYFDK.V	23
PHEAT+6786	proteomics_heat	4216362	4216433	+	3	5	K.VTTIIQGGTSSVTLTGSTEESEQF.-	28
PHEAT+6787	proteomics_heat	4217042	4217083	+	2	2	K.DFHPDHGWESLLMR.V	18
PHEAT+6788	proteomics_heat	4221896	4221943	+	2	2	R.ILVLDGGMGMTMIQSYR.L	20
PHEAT+6789	proteomics_heat	4222355	4222420	+	2	17	K.ALVEGGADLILIIETVFDTLNAK.A	26
PHEAT+6790	proteomics_heat	4222442	4222513	+	2	7	K.TEFEALGVELPIMISGTITDASGR.T	28
PHEAT+6791	proteomics_heat	4222514	4222558	+	2	3	R.TLSGQTTEAFYNSLR.H	19
PHEAT+6792	proteomics_heat	4222559	4222615	+	2	4	R.HAEALTFGLNALGPDEL.R.Q	23
PHEAT+6793	proteomics_heat	4222640	4222729	+	2	2	R.IAECYVTAHPNAGLPNAPGGEYDLADATMAK.Q	34
PHEAT+6794	proteomics_heat	4222739	4222819	+	2	3	R.EWAQAGFLNIVGGCCGTTTPQHIAAMSR.A	31
PHEAT+6795	proteomics_heat	4222874	4222936	+	2	5	R.LSGLEPLNIGEDSLFVNVGER.T	25
PHEAT+6796	proteomics_heat	4222988	4223014	+	2	3	K.YSEALDVAR.Q	13
PHEAT+6797	proteomics_heat	4223231	4223263	+	2	5	K.EGVDAFIHAK.L	15
PHEAT+6798	proteomics_heat	4223504	4223560	+	2	2	R.ELPHALISGGVSNVSFSFR.G	23
PHEAT+6799	proteomics_heat	4223690	4223719	+	2	3	R.DAVEDVILNR.R	14
PHEAT+6800	proteomics_heat	4223777	4223815	+	2	3	K.TDDTANAQQAQEW.R.S	17
PHEAT+6801	proteomics_heat	4223858	4223899	+	2	2	K.GITEFIEQDTEAR.Q	18
PHEAT+6802	proteomics_heat	4223900	4223986	+	2	10	R.QQATRIEVIIEGPLMDGMNVVGDVLFEGEK.M	33
PHEAT+6803	proteomics_heat	4224233	4224307	+	2	4	K.EVNADLIGLSGLITPSLDEMNVNAK.E	29
PHEAT+6804	proteomics_heat	4224386	4224436	+	2	3	K.IEQNYSGPTVYVQNASR.T	21
PHEAT+6805	proteomics_heat	4224551	4224580	+	2	2	R.TPPVTLEAAR.D	14
PHEAT+6806	proteomics_heat	4224581	4224634	+	2	2	R.DNDFAFDQAYTPPVAHR.L	22
PHEAT+6807	proteomics_heat	4224635	4224676	+	2	3	R.LGVQVEVASIETLR.N	18
PHEAT+6808	proteomics_heat	4224677	4224727	+	2	2	R.NYIDWTPFFMTWSLAGK.Y	21
PHEAT+6809	proteomics_heat	4224737	4224775	+	2	3	R.ILEDEVVGEAQR.L	17
PHEAT+6810	proteomics_heat	4224785	4224808	+	2	3	K.DANDMLDK.L	12

PHEAT+6811	proteomics_heat	4224785	4224823	+	2	3	K.DANDMLDKLSAEK.T	17
PHEAT+6812	proteomics_heat	4224839	4224868	+	2	2	R.GVVGFLFPANR.V	14
PHEAT+6813	proteomics_heat	4224956	4225000	+	2	2	K.TGFANYCLADFVAPK.L	19
PHEAT+6814	proteomics_heat	4225133	4225168	+	2	6	R.LAEFAEYLHER.V	16
PHEAT+6815	proteomics_heat	4225178	4225231	+	2	3	K.VYWGYAPNENLSNEELIR.E	22
PHEAT+6816	proteomics_heat	4225232	4225294	+	2	4	R.ENYQGIRPAPGYACPEHTEK.A	25
PHEAT+6817	proteomics_heat	4226708	4226764	+	2	2	K.HLDVSALDPTLALANAAR.E	23
PHEAT+6818	proteomics_heat	4227236	4227307	+	2	7	R.LHQQNVQSIETSSLHLGLLGDMQR.L	28
PHEAT+6819	proteomics_heat	4229079	4229114	+	3	2	K.LIENSSSEVKPK.A	16
PHEAT+6820	proteomics_heat	4231781	4231831	+	2	4	L.MKNINPTQTAAWQALQK.H	21
PHEAT+6821	proteomics_heat	4231787	4231831	+	2	9	K.NINPTQTAAWQALQK.H	19
PHEAT+6822	proteomics_heat	4231832	4231879	+	2	34	K.HFDEMKDVTIADLFAK.D	20
PHEAT+6823	proteomics_heat	4231850	4231879	+	2	2	K.DVTIADLFAK.D	14
PHEAT+6824	proteomics_heat	4231901	4231945	+	2	12	K.FSATFDDQMLVDYSK.N	19
PHEAT+6825	proteomics_heat	4231994	4232020	+	2	3	K.ECDLAGAIK.S	13
PHEAT+6826	proteomics_heat	4232093	4232122	+	2	6	R.SNTPILVDGK.D	14
PHEAT+6827	proteomics_heat	4232093	4232158	+	2	12	R.SNTPILVDGKDVMPVNAVLEK.M	26
PHEAT+6828	proteomics_heat	4232123	4232158	+	2	5	K.DVMPEVNAVLEK.M	16
PHEAT+6829	proteomics_heat	4232165	4232200	+	2	8	K.TFSEAIISGEWK.G	16
PHEAT+6830	proteomics_heat	4232216	4232299	+	2	37	K.AITDVVNIIGGSDLGPYMVTEALRPYK.N	32
PHEAT+6831	proteomics_heat	4232240	4232299	+	2	2	I.GIGGSDLGPYMVTEALRPYK.N	24
PHEAT+6832	proteomics_heat	4232300	4232362	+	2	5	K.NHLNMHFVSNVDGTHIAEVLK.K	25
PHEAT+6833	proteomics_heat	4232363	4232404	+	2	11	K.KVNPETTLFLVASK.T	18
PHEAT+6834	proteomics_heat	4232366	4232404	+	2	5	K.VNPETTLFLVASK.T	17
PHEAT+6835	proteomics_heat	4232405	4232449	+	2	12	K.TFTTQETMTNAHSAR.D	19
PHEAT+6836	proteomics_heat	4232495	4232524	+	2	3	K.HFAALSTNAK.A	14
PHEAT+6837	proteomics_heat	4232813	4232857	+	2	6	R.FAAYFQQGNMESNGK.Y	19
PHEAT+6838	proteomics_heat	4232870	4232971	+	2	8	R.NGNVVVDYQTGPPIIWGEPGTNGQHAFYQLIHQGTK.M	38
PHEAT+6839	proteomics_heat	4232972	4233037	+	2	6	K.MVPCDFIAPAITHNPLSDHHQK.L	26
PHEAT+6840	proteomics_heat	4233038	4233085	+	2	33	K.LLSNFFAQTEALAFGK.S	20
PHEAT+6841	proteomics_heat	4233086	4233115	+	2	9	K.SREVVEQEYR.D	14
PHEAT+6842	proteomics_heat	4233086	4233163	+	2	3	K.SREVVEQEYRDQGKDPATLDYVVPFK.V	30
PHEAT+6843	proteomics_heat	4233092	4233115	+	2	5	R.EVVEQEYR.D	12
PHEAT+6844	proteomics_heat	4233092	4233163	+	2	3	R.EVVEQEYRDQGKDPATLDYVVPFK.V	28
PHEAT+6845	proteomics_heat	4233116	4233163	+	2	7	R.DQGKDPATLDYVVPFK.V	20
PHEAT+6846	proteomics_heat	4233164	4233205	+	2	3	K.VFEGNRPTNSILLR.E	18
PHEAT+6847	proteomics_heat	4233206	4233256	+	2	10	R.EITPFSLGALIALYEHK.I	21
PHEAT+6848	proteomics_heat	4233338	4233409	+	2	16	R.ILPELKDDKEISSHDSSTNGLINR.Y	28
PHEAT+6849	proteomics_heat	4233356	4233409	+	2	4	K.DDKEISSHDSSTNGLINR.Y	22
PHEAT+6850	proteomics_heat	4233365	4233409	+	2	5	K.EISSHDSSTNGLINR.Y	19
PHEAT+6851	proteomics_heat	4245146	4245193	+	2	3	R.VNQVAEVLQLAHLDDR.K	20
PHEAT+6852	proteomics_heat	4245245	4245313	+	2	2	R.TLVAEPSVFLLEPLSNLDAALR.V	27
PHEAT+6853	proteomics_heat	4250967	4251023	+	3	3	R.LSGKPLLLTELFLPASPLY.-	23
PHEAT+6854	proteomics_heat	4255186	4255221	+	1	4	R.DHISQTMPPTR.A	16
PHEAT+6855	proteomics_heat	4255294	4255329	+	1	3	R.KGVIEIVSGASR.G	16
PHEAT+6856	proteomics_heat	4257329	4257367	+	2	2	K.LTDDDMTIIEGKR.D	17

PHEAT+6857	proteomics_heat	4259842	4259895	+	1	3	R.NTLLYTEMVTTGAIHGK.G	22
PHEAT+6858	proteomics_heat	4260001	4260045	+	1	2	R.GYDEINLNVGCPSTR.V	19
PHEAT+6859	proteomics_heat	4260157	4260222	+	1	5	R.IGIDDQDSYEFLCDINTVSGK.G	26
PHEAT+6860	proteomics_heat	4260400	4260438	+	1	2	K.AHLQHMDGVMVGR.E	17
PHEAT+6861	proteomics_heat	4260481	4260531	+	1	3	R.EIFGSSDTPDPAVVR.A	21
PHEAT+6862	proteomics_heat	4260556	4260594	+	1	2	R.ELSQGTYLGHITR.H	17
PHEAT+6863	proteomics_heat	4260595	4260633	+	1	3	R.HMLGLFQGIPGAR.Q	17
PHEAT+6864	proteomics_heat	4260670	4260708	+	1	2	K.AGADINVLEHALK.L	17
PHEAT+6865	proteomics_heat	4262559	4262615	+	3	4	R.LQESGSPIDLITLAESLER.Q	23
PHEAT+6866	proteomics_heat	4262913	4262987	+	3	2	R.IEQLFQQPHDGVTVNTGYDDLK.K	29
PHEAT+6867	proteomics_heat	4263907	4263945	+	1	3	K.ANAYGHGLETAR.T	17
PHEAT+6868	proteomics_heat	4264006	4264059	+	1	2	R.AGGITKPVLLLEGFFDAR.D	22
PHEAT+6869	proteomics_heat	4264324	4264371	+	1	3	K.QLAIFNTFCEGKPGQR.S	20
PHEAT+6870	proteomics_heat	4264756	4264803	+	1	2	K.AGDPVILWGEGLPVER.I	20
PHEAT+6871	proteomics_heat	4265149	4265193	+	1	2	K.VDAYAGDPILTLMER.F	19
PHEAT+6872	proteomics_heat	4265302	4265364	+	1	9	R.LNAQPHGASLYLPM EGLNCYR.H	25
PHEAT+6873	proteomics_heat	4265365	4265412	+	1	9	R.HAIAPLLFGADHPVLK.Q	20
PHEAT+6874	proteomics_heat	4265422	4265463	+	1	3	R.VATIQTLLGGSGALK.V	18
PHEAT+6875	proteomics_heat	4265464	4265487	+	1	3	K.VGADFLKR.Y	12
PHEAT+6876	proteomics_heat	4265656	4265745	+	1	11	R.SIVLLHPCCHNPTGADLTNDQWDVIEILK.A	34
PHEAT+6877	proteomics_heat	4265752	4265826	+	1	29	R.ELIPFLDIAYQFGAGMEEDAYAIR.A	29
PHEAT+6878	proteomics_heat	4265827	4265877	+	1	3	R.AIASAGLPALVSNFSK.I	21
PHEAT+6879	proteomics_heat	4265878	4265901	+	1	3	K.IFSLYGER.V	12
PHEAT+6880	proteomics_heat	4265902	4265949	+	1	4	R.VGGLSVMCEDAEAAGR.V	20
PHEAT+6881	proteomics_heat	4265980	4266051	+	1	10	R.RNYSSPPNFGAQVVA AVLNDEALK.A	28
PHEAT+6882	proteomics_heat	4265983	4266051	+	1	9	R.NYSSPPNFGAQVVA AVLNDEALK.A	27
PHEAT+6883	proteomics_heat	4266052	4266084	+	1	4	K.ASWLAEVEEMR.T	15
PHEAT+6884	proteomics_heat	4266121	4266147	+	1	2	K.VLSTEMPER.N	13
PHEAT+6885	proteomics_heat	4266148	4266174	+	1	5	R.NFDYLLNQR.G	13
PHEAT+6886	proteomics_heat	4266175	4266219	+	1	2	R.GMFSYTGLSAAQVDR.L	19
PHEAT+6887	proteomics_heat	4266220	4266261	+	1	4	R.LREEFGVYLIASGR.M	18
PHEAT+6888	proteomics_heat	4266262	4266300	+	1	3	R.MCVAGLNTANVQR.V	17
PHEAT+6889	proteomics_heat	4268681	4268755	+	2	4	K.MTISELLQYCMAPGAEQSVHNDWK.A	29
PHEAT+6890	proteomics_heat	4272172	4272213	+	1	2	K.VILVGNLQDPEVR.Y	18
PHEAT+6891	proteomics_heat	4272214	4272273	+	1	2	R.YMPNGGAVANITLATESWR.D	24
PHEAT+6892	proteomics_heat	4272367	4272402	+	1	3	R.KGSQVYIEGQLR.T	16
PHEAT+6893	proteomics_heat	4272409	4272438	+	1	2	R.KWTDQSGQDR.Y	14
PHEAT+6894	proteomics_heat	4272412	4272438	+	1	2	K.WTDQSGQDR.Y	13
PHEAT+6895	proteomics_heat	4277333	4277392	+	2	5	R.AVAGQANLLDKDQIIDGGK.A	24
PHEAT+6896	proteomics_heat	4277366	4277392	+	2	5	K.DGQIIDGGK.A	13
PHEAT+6897	proteomics_heat	4277393	4277497	+	2	2	K.ALTTDSMSSVFSGLVGAAPAAVYIESAAGTAAGGK.T	39
PHEAT+6898	proteomics_heat	4279467	4279508	+	3	2	R.NDVESVQEENLER.R	18
PHEAT+6899	proteomics_heat	4279599	4279649	+	3	3	K.LLHDLLEALLIENQ.-	21
PHEAT+6900	proteomics_heat	4292876	4292974	+	2	3	K.YQSTTEAVQSSSHGIMGTILSLVPTNIVASMAK.G	37
PHEAT+6901	proteomics_heat	4327536	4327592	+	3	2	R.VQLQTTWTNGGMLNAPLSL.R	23
PHEAT+6902	proteomics_heat	4328564	4328590	+	2	5	R.DVTIIDDGK.L	13

PHEAT+6903	proteomics_heat	4329866	4329904	+	2	4	K.GATPAASDIQEAK.E	17
PHEAT+6904	proteomics_heat	4329905	4329943	+	2	2	K.EILVEHYDNIEQK.I	17
PHEAT+6905	proteomics_heat	4335702	4335746	+	3	3	V.ALRCHTGICERSLFR.N	19
PHEAT+6906	proteomics_heat	4359371	4359478	+	2	2	R.GLSKIRDLLIGRRVSRLENATSATQIPNDRKKNH.T.Q	40
PHEAT+6907	proteomics_heat	4368771	4368812	+	3	47	K.SAGGIVLTGSAAAK.S	18
PHEAT+6908	proteomics_heat	4368813	4368851	+	3	19	K.STRGEVLAVGNR.I	17
PHEAT+6909	proteomics_heat	4368822	4368851	+	3	32	R.GEVLAVGNR.I	14
PHEAT+6910	proteomics_heat	4368852	4368890	+	3	20	R.ILENGEVKPLDVK.V	17
PHEAT+6911	proteomics_heat	4368891	4368932	+	3	35	K.VGDIVIFNDGYGVK.S	18
PHEAT+6912	proteomics_heat	4369102	4369131	+	1	61	R.GVNVLADAVK.V	14
PHEAT+6913	proteomics_heat	4369174	4369200	+	1	5	K.SFGAPTITK.D	13
PHEAT+6914	proteomics_heat	4369222	4369272	+	1	112	R.EIELEDKFENMGAQMVK.E	21
PHEAT+6915	proteomics_heat	4369243	4369272	+	1	2	K.FENMGAQMVK.E	14
PHEAT+6916	proteomics_heat	4369288	4369362	+	1	270	K.ANDAAGDGTTTATVLAQAIITEGLK.A	29
PHEAT+6917	proteomics_heat	4369363	4369398	+	1	13	K.AVAAGMNPMDLK.R	16
PHEAT+6918	proteomics_heat	4369363	4369401	+	1	11	K.AVAAGMNPMDLKR.G	17
PHEAT+6919	proteomics_heat	4369414	4369443	+	1	12	K.AVTAAVEELK.A	14
PHEAT+6920	proteomics_heat	4369444	4369473	+	1	2	K.ALSVPCSDSK.A	14
PHEAT+6921	proteomics_heat	4369474	4369527	+	1	204	K.AIAQVGTISANSDETVGK.L	22
PHEAT+6922	proteomics_heat	4369486	4369527	+	1	2	Q.VGTISANSDETVGK.L	18
PHEAT+6923	proteomics_heat	4369528	4369560	+	1	3	K.LIAEAMDKVGK.E	15
PHEAT+6924	proteomics_heat	4369528	4369551	+	1	6	K.LIAEAMDK.V	12
PHEAT+6925	proteomics_heat	4369552	4369638	+	1	2	K.VGKEGVITVEDGTGLQDELDDVVEGMQFDR.G	33
PHEAT+6926	proteomics_heat	4369561	4369638	+	1	521	K.EGVITVEDGTGLQDELDDVVEGMQFDR.G	30
PHEAT+6927	proteomics_heat	4369636	4369725	+	1	2	D.RGYLSPYFINKPETGAVELESPFILLADKK.I	34
PHEAT+6928	proteomics_heat	4369639	4369722	+	1	33	R.GYLSPYFINKPETGAVELESPFILLADK.K	32
PHEAT+6929	proteomics_heat	4369639	4369725	+	1	48	R.GYLSPYFINKPETGAVELESPFILLADKK.I	33
PHEAT+6930	proteomics_heat	4369648	4369725	+	1	2	L.SPYFINKPETGAVELESPFILLADKK.I	30
PHEAT+6931	proteomics_heat	4369651	4369725	+	1	3	S.PYFINKPETGAVELESPFILLADKK.I	29
PHEAT+6932	proteomics_heat	4369657	4369722	+	1	5	Y.FINKPETGAVELESPFILLADK.K	26
PHEAT+6933	proteomics_heat	4369657	4369725	+	1	17	Y.FINKPETGAVELESPFILLADKK.I	27
PHEAT+6934	proteomics_heat	4369666	4369725	+	1	2	N.KPETGAVELESPFILLADKK.I	24
PHEAT+6935	proteomics_heat	4369678	4369725	+	1	2	T.GAVELESPFILLADKK.I	20
PHEAT+6936	proteomics_heat	4369741	4369773	+	1	19	R.EMPLPVEAVAK.A	15
PHEAT+6937	proteomics_heat	4369774	4369851	+	1	1063	K.AGKPLIIAEDVEGEALATLVVNTMR.G	30
PHEAT+6938	proteomics_heat	4369789	4369851	+	1	2	L.LIIAEDVEGEALATLVVNTMR.G	25
PHEAT+6939	proteomics_heat	4369903	4369980	+	1	388	R.KAMLQDIATLTGGTVISEEIGMELEK.A	30
PHEAT+6940	proteomics_heat	4369906	4369980	+	1	1314	K.AMLQDIATLTGGTVISEEIGMELEK.A	29
PHEAT+6941	proteomics_heat	4369981	4370013	+	1	11	K.ATLEDLGQAKR.V	15
PHEAT+6942	proteomics_heat	4369981	4370010	+	1	11	K.ATLEDLGQAK.R	14
PHEAT+6943	proteomics_heat	4370011	4370082	+	1	3	K.RVINKDTTTTIIDGVGEEAAIQGR.V	28
PHEAT+6944	proteomics_heat	4370014	4370082	+	1	33	R.VVINKDTTTTIIDGVGEEAAIQGR.V	27
PHEAT+6945	proteomics_heat	4370029	4370082	+	1	152	K.DTTTTIIDGVGEEAAIQGR.V	22
PHEAT+6946	proteomics_heat	4370047	4370082	+	1	3	I.DGVGEEAAIQGR.V	16
PHEAT+6947	proteomics_heat	4370050	4370082	+	1	6	D.GVGEEAAIQGR.V	15
PHEAT+6948	proteomics_heat	4370095	4370139	+	1	2	I.RQQIEEATSDYDREK.L	19

PHEAT+6949	proteomics_heat	4370098	4370139	+	1	11	R.QQIEEATSDYDREK.L	18
PHEAT+6950	proteomics_heat	4370098	4370133	+	1	10	R.QQIEEATSDYDR.E	16
PHEAT+6951	proteomics_heat	4370161	4370187	+	1	11	K.LAGGVAVIK.V	13
PHEAT+6952	proteomics_heat	4370161	4370193	+	1	2	K.LAGGVAVIKVG.A	15
PHEAT+6953	proteomics_heat	4370188	4370217	+	1	16	K.VGAATEVEMK.E	14
PHEAT+6954	proteomics_heat	4370188	4370223	+	1	2	K.VGAATEVEMKEK.K	16
PHEAT+6955	proteomics_heat	4370227	4370259	+	1	5	K.ARVEDALHATR.A	15
PHEAT+6956	proteomics_heat	4370233	4370259	+	1	19	R.VEDALHATR.A	13
PHEAT+6957	proteomics_heat	4370260	4370310	+	1	76	R.AAVEEGVVAGGGVALIR.V	21
PHEAT+6958	proteomics_heat	4370323	4370370	+	1	3	K.LADLRGQNEQNVGIK.V	20
PHEAT+6959	proteomics_heat	4370338	4370370	+	1	7	R.GQNEQNVGIK.V	15
PHEAT+6960	proteomics_heat	4370404	4370457	+	1	51	R.QIVLNCGEEPSVVANTVK.G	22
PHEAT+6961	proteomics_heat	4370458	4370541	+	1	40	K.GGDGNYGYNAATEEYGNMIDMGILDPTK.V	32
PHEAT+6962	proteomics_heat	4370458	4370514	+	1	3	K.GGDGNYGYNAATEEYGNMI.D	23
PHEAT+6963	proteomics_heat	4370458	4370490	+	1	2	K.GGDGNYGYNA.T	15
PHEAT+6964	proteomics_heat	4370551	4370625	+	1	2276	R.SALQYAASVAGLMITTECMVTDLPK.N	29
PHEAT+6965	proteomics_heat	4370554	4370625	+	1	4	S.ALQYAASVAGLMITTECMVTDLPK.N	28
PHEAT+6966	proteomics_heat	4370578	4370625	+	1	1596	V.AGLMITTECMVTDLPK.N	20
PHEAT+6967	proteomics_heat	4370931	4370987	+	3	11	R.IVDEQPGAECQLIGTATGK.Q	23
PHEAT+6968	proteomics_heat	4370988	4371038	+	3	5	K.QSNWLSGQHGEEGSMR.G	21
PHEAT+6969	proteomics_heat	4371132	4371173	+	3	2	S.FVPTDSQIIGQVYK.C	18
PHEAT+6970	proteomics_heat	4373725	4373751	+	1	2	M.ATYYSNDFR.A	13
PHEAT+6971	proteomics_heat	4374151	4374210	+	1	12	K.GDTAGTGGKPATLSTGAVVK.V	24
PHEAT+6972	proteomics_heat	4374211	4374246	+	1	21	K.VPLFVQIGEVIK.V	16
PHEAT+6973	proteomics_heat	4374358	4374408	+	1	2	I.VLVLLASTLLTGCNTAR.G	21
PHEAT+6974	proteomics_heat	4374654	4374710	+	3	16	R.GVGEDISDGGNAISGAATK.A	23
PHEAT+6975	proteomics_heat	4374666	4374710	+	3	2	E.DISDGGNAISGAATK.A	19
PHEAT+6976	proteomics_heat	4380765	4380842	+	3	2	R.GVLEVETPCMSQATVTDIHLVPFETR.F	30
PHEAT+6977	proteomics_heat	4381284	4381358	+	3	5	K.EKPTFVYHFPASQASLAQISTEDHR.V	29
PHEAT+6978	proteomics_heat	4381389	4381433	+	3	2	K.GIELANGFHELTDR.E	19
PHEAT+6979	proteomics_heat	4389876	4389908	+	3	3	R.EAELATLEFLK.Q	15
PHEAT+6980	proteomics_heat	4389930	4389968	+	3	3	K.SPICGNSIGQDRR.F	17
PHEAT+6981	proteomics_heat	4389981	4390016	+	3	3	K.YMPELEAYFHYYR.Y	16
PHEAT+6982	proteomics_heat	4390017	4390040	+	3	2	R.YLDVSTLK.E	12
PHEAT+6983	proteomics_heat	4392173	4392220	+	2	4	R.EAADVLGLTYELMLR.A	20
PHEAT+6984	proteomics_heat	4392707	4392775	+	2	2	R.DVTGQLHFDSLGLDSWLAGQETK.I	27
PHEAT+6985	proteomics_heat	4393454	4393525	+	2	2	K.LSPYDAACAGCVAHGAAADVLAAR.F	28
PHEAT+6986	proteomics_heat	4393746	4393784	+	3	5	R.GFLQALGHQGNVK.S	17
PHEAT+6987	proteomics_heat	4394511	4394543	+	3	2	K.RVETPAVVAPR.V	15
PHEAT+6988	proteomics_heat	4397028	4397078	+	3	3	R.QQNLQILIPELIGYLAK.Q	21
PHEAT+6989	proteomics_heat	4397671	4397715	+	1	2	R.IEQQAEEQGWESLHR.Q	19
PHEAT+6990	proteomics_heat	4397815	4397895	+	1	3	K.TLTELTQTSGDALPYQVHQFAIAPASR.E	31
PHEAT+6991	proteomics_heat	4398362	4398403	+	2	5	R.ERVPSIYLVNGIK.L	18
PHEAT+6992	proteomics_heat	4398761	4398841	+	2	5	K.DMEDLQEFESLVSSAGVEALQVITGSR.K	31
PHEAT+6993	proteomics_heat	4398908	4398964	+	2	2	K.ATGASVVLFDHALSPAQR.N	23
PHEAT+6994	proteomics_heat	4399358	4399405	+	2	2	R.VYAADQLFATLDPTLR.R	20

PHEAT+6995	proteomics_heat	4399406	4399465	+	2	2	R.RIDVADVGETVLADTVGFIR.H	24
PHEAT+6996	proteomics_heat	4399409	4399465	+	2	6	R.IDVADVGETVLADTVGFIR.H	23
PHEAT+6997	proteomics_heat	4399565	4399648	+	2	7	R.VQENIEAVNTVLEEIDAHEIPTLLVMNK.I	32
PHEAT+6998	proteomics_heat	4399712	4399774	+	2	4	R.VWLSAQTGAGIPQLFQALTER.L	25
PHEAT+6999	proteomics_heat	4399775	4399807	+	2	2	R.LSGEVAQHTLR.L	15
PHEAT+7000	proteomics_heat	4400064	4400153	+	3	3	M.AWNQPGNNGQDRDPWGSSKPGGNSEGNGNK.G	34
PHEAT+7001	proteomics_heat	4400100	4400153	+	3	2	R.DPWGSSKPGGNSEGNGNK.G	22
PHEAT+7002	proteomics_heat	4400163	4400198	+	3	4	R.DQGPPDLDIFR.K	16
PHEAT+7003	proteomics_heat	4400238	4400297	+	3	4	K.GTGGSSGSSSQGPRPQLGGR.V	24
PHEAT+7004	proteomics_heat	4400400	4400483	+	3	14	K.FSHLVEPGLNWKPTFIDEVKPVNVEAVR.E	32
PHEAT+7005	proteomics_heat	4400484	4400534	+	3	9	R.ELAASGVMLTSDENVVR.V	21
PHEAT+7006	proteomics_heat	4400535	4400558	+	3	3	R.VEMNVQYR.V	12
PHEAT+7007	proteomics_heat	4400577	4400615	+	3	4	K.YLSVTSPPDLSR.Q	17
PHEAT+7008	proteomics_heat	4400715	4400804	+	3	11	R.ELEETIRPYDMGITLLDVNFQAARPPEEVK.A	34
PHEAT+7009	proteomics_heat	4400805	4400834	+	3	4	K.AAFDDAIAAR.E	14
PHEAT+7010	proteomics_heat	4400859	4400894	+	3	4	R.EAEAYTNEVQPR.A	16
PHEAT+7011	proteomics_heat	4400943	4400981	+	3	3	K.AQTILEAQGEVAR.F	17
PHEAT+7012	proteomics_heat	4401078	4401140	+	3	2	R.KVLVNDKGGNLMVPLDQMLK.G	25
PHEAT+7013	proteomics_heat	4401099	4401140	+	3	2	K.GGNLMVPLDQMLK.G	18
PHEAT+7014	proteomics_heat	4401195	4401275	+	3	23	R.LPPASSSTTSGASNTSSTSQGDIMDQR.R	31
PHEAT+7015	proteomics_heat	4401431	4401487	+	2	10	K.VLRDDDNKPLVYEPGLHFK.I	23
PHEAT+7016	proteomics_heat	4401527	4401556	+	2	6	R.IQTMDNQADR.F	14
PHEAT+7017	proteomics_heat	4401578	4401604	+	2	3	K.DLIVDSYIK.W	13
PHEAT+7018	proteomics_heat	4401629	4401685	+	2	2	R.YLATGGGDISQAEVLLKR.K	23
PHEAT+7019	proteomics_heat	4401629	4401682	+	2	38	R.YLATGGGDISQAEVLLK.R	22
PHEAT+7020	proteomics_heat	4401779	4401865	+	2	164	R.DALNSGSAGTEDEVTTTPAADNAIAEAAER.V	33
PHEAT+7021	proteomics_heat	4401827	4401865	+	2	2	T.PAADNAIAEAAER.V	17
PHEAT+7022	proteomics_heat	4401884	4401949	+	2	19	K.GKVPVINPNSMAALGIEVVDVR.I	26
PHEAT+7023	proteomics_heat	4401884	4401910	+	2	3	K.GKVPVINPN.S	13
PHEAT+7024	proteomics_heat	4401890	4401949	+	2	2	K.VPVINPNSMAALGIEVVDVR.I	24
PHEAT+7025	proteomics_heat	4401956	4402000	+	2	2	K.QINLPTEVSEAIYNR.M	19
PHEAT+7026	proteomics_heat	4402040	4402072	+	2	4	R.SQGQEEAEKLR.A	15
PHEAT+7027	proteomics_heat	4402073	4402099	+	2	4	R.ATADYEVTR.T	13
PHEAT+7028	proteomics_heat	4402130	4402165	+	2	3	R.IMRGEGDAEAAK.L	16
PHEAT+7029	proteomics_heat	4402166	4402216	+	2	6	K.LFADAFSKDPDFYAFIR.S	21
PHEAT+7030	proteomics_heat	4402166	4402189	+	2	2	K.LFADAFSK.D	12
PHEAT+7031	proteomics_heat	4402226	4402294	+	2	3	R.AYENSFSGNQDVMVMSPDSDFFR.Y	27
PHEAT+7032	proteomics_heat	4402226	4402276	+	2	3	R.AYENSFSGNQDVMVMSP.D	21
PHEAT+7033	proteomics_heat	4402713	4402760	+	3	5	M.GNNVVVLGTQWGDEGK.G	20
PHEAT+7034	proteomics_heat	4402713	4402766	+	3	6	M.GNNVVVLGTQWGDEGKGI.I	22
PHEAT+7035	proteomics_heat	4402767	4402790	+	3	2	K.IVDLLTER.A	12
PHEAT+7036	proteomics_heat	4402809	4402859	+	3	8	R.YQGGHNAGHTLVINGEK.T	21
PHEAT+7037	proteomics_heat	4402860	4402895	+	3	11	K.TVLHLIPSGILR.E	16
PHEAT+7038	proteomics_heat	4402896	4402955	+	3	14	R.ENVTSIIGNGVVLSPAALMK.E	24
PHEAT+7039	proteomics_heat	4403001	4403063	+	3	20	R.LLLSEACPLILDYHVALDNAR.E	25
PHEAT+7040	proteomics_heat	4403154	4403192	+	3	7	R.VGDLFDKETFAEK.L	17

PHEAT+7041	proteomics_heat	4403193	4403243	+	3	5	K.LKEVMEYHNFQLVNYK.A	21
PHEAT+7042	proteomics_heat	4403193	4403219	+	3	2	K.LKEVMEYHN.F	13
PHEAT+7043	proteomics_heat	4403199	4403243	+	3	9	K.EVMEYHNFQLVNYK.A	19
PHEAT+7044	proteomics_heat	4403232	4403348	+	3	2	V.NYYKAEAVDYQKVLDDTMAVADILTSMVVDVSDLLDQAR.Q	43
PHEAT+7045	proteomics_heat	4403244	4403267	+	3	5	K.AEAVDYQK.V	12
PHEAT+7046	proteomics_heat	4403268	4403348	+	3	4	K.VLDDTMAVADILTSMVVDVSDLLDQAR.Q	31
PHEAT+7047	proteomics_heat	4403484	4403513	+	3	9	R.YVDYVLGILK.A	14
PHEAT+7048	proteomics_heat	4403529	4403588	+	3	4	R.VGAGPFPTLFDLDETGEFLCK.Q	24
PHEAT+7049	proteomics_heat	4403589	4403621	+	3	5	K.QGNEFGATTGR.R	15
PHEAT+7050	proteomics_heat	4403631	4403660	+	3	2	R.TGWLDTVAVR.R	14
PHEAT+7051	proteomics_heat	4403661	4403705	+	3	5	R.RAVQLNSLSGFCLTK.L	19
PHEAT+7052	proteomics_heat	4403664	4403705	+	3	8	R.AVQLNSLSGFCLTK.L	18
PHEAT+7053	proteomics_heat	4403772	4403810	+	3	4	R.EVTTTPLAADDWK.G	17
PHEAT+7054	proteomics_heat	4403811	4403870	+	3	3	K.GVEPIYETMPGWSESTFGVK.D	24
PHEAT+7055	proteomics_heat	4403871	4403912	+	3	2	K.DRSGLPQAALNYIK.R	18
PHEAT+7056	proteomics_heat	4403877	4403912	+	3	13	R.SGLPQAALNYIK.R	16
PHEAT+7057	proteomics_heat	4403913	4403969	+	3	7	K.RIEELTGVPIDIISTGPDR.T	23
PHEAT+7058	proteomics_heat	4403913	4403990	+	3	4	K.RIEELTGVPIDIISTGPDR.TETMILR.D	30
PHEAT+7059	proteomics_heat	4403916	4403969	+	3	2	R.IEELTGVPIDIISTGPDR.T	22
PHEAT+7060	proteomics_heat	4403970	4404005	+	3	3	R.TETMILRDPFDA.-	16
PHEAT+7061	proteomics_heat	4404543	4404620	+	3	3	K.AVQSFLTELDNYTLADLVEENQPLYK.L	30
PHEAT+7062	proteomics_heat	4404869	4404892	+	2	3	R.DGQLVFTR.R	12
PHEAT+7063	proteomics_heat	4404896	4404934	+	2	2	R.QCYALPERLDLVK.G	17
PHEAT+7064	proteomics_heat	4405025	4405075	+	2	5	K.TCIHGDQVLAQPLGADR.K	21
PHEAT+7065	proteomics_heat	4405025	4405078	+	2	6	K.TCIHGDQVLAQPLGADR.K	22
PHEAT+7066	proteomics_heat	4405142	4405189	+	2	2	R.YFTEAGVGFVPPDSR.L	20
PHEAT+7067	proteomics_heat	4405364	4405447	+	2	3	R.THEIPYIWPQAVEQQVAGLKEEVPEEAK.A	32
PHEAT+7068	proteomics_heat	4405469	4405507	+	2	2	R.DLPLVTIDGEDAR.D	17
PHEAT+7069	proteomics_heat	4405508	4405537	+	2	6	R.DFDDAVYCEK.K	14
PHEAT+7070	proteomics_heat	4405634	4405726	+	2	5	R.GTSVYFPSQVIPMLPEVLSNGLCSLNPQVDR.L	35
PHEAT+7071	proteomics_heat	4405784	4405816	+	2	2	K.FYEAVMSSSHAR.L	15
PHEAT+7072	proteomics_heat	4405832	4405867	+	2	2	K.VWHILQGDQDLR.E	16
PHEAT+7073	proteomics_heat	4405892	4405921	+	2	4	K.HLEELHNLYK.V	14
PHEAT+7074	proteomics_heat	4406048	4406092	+	2	6	K.LIEECMILANISAAR.F	19
PHEAT+7075	proteomics_heat	4406129	4406170	+	2	2	R.IHDKPSTEATTSFR.S	18
PHEAT+7076	proteomics_heat	4406171	4406227	+	2	4	R.SVLAELGLELPGGNKPEPR.D	23
PHEAT+7077	proteomics_heat	4406228	4406299	+	2	8	R.DYAEELLESVADRPDAEMLQTMLLR.S	28
PHEAT+7078	proteomics_heat	4406441	4406539	+	2	2	K.EQGHQGNNTTETGGYHYSMEMLQLGQHCSMAER.R	37
PHEAT+7079	proteomics_heat	4406663	4406725	+	2	2	R.LDDLFDLGLVHVSSLDNDYYR.F	25
PHEAT+7080	proteomics_heat	4406831	4406863	+	2	3	R.KIDFSLISSER.A	15
PHEAT+7081	proteomics_heat	4406954	4406986	+	2	3	K.KVNFEPDSAFR.G	15
PHEAT+7082	proteomics_heat	4407301	4407348	+	1	6	M.SEMIYGIHAVQALLER.A	20
PHEAT+7083	proteomics_heat	4407403	4407462	+	1	3	R.LLPLIHALESQGVVIQLANR.Q	24
PHEAT+7084	proteomics_heat	4407481	4407516	+	1	6	K.SDGAVHQGIAR.V	16
PHEAT+7085	proteomics_heat	4407640	4407681	+	1	2	R.SADAAGVHAVIVPK.D	18
PHEAT+7086	proteomics_heat	4407715	4407756	+	1	2	K.KVACGAAESVPLIR.V	18

PHEAT+7087	proteomics_heat	4407784	4407855	+	1	4	R.MLQEENIWIVGTAGEADHTLYQSK.M	28
PHEAT+7088	proteomics_heat	4413270	4413311	+	3	3	R.HVFGNPLIQQLMR.H	18
PHEAT+7089	proteomics_heat	4413798	4413851	+	3	2	K.YASPPMAQAWCQVMLDTR.G	22
PHEAT+7090	proteomics_heat	4423147	4423212	+	1	82	R.HYEIVFMVHPDQSEQVPGMIER.Y	26
PHEAT+7091	proteomics_heat	4423165	4423212	+	1	2	F.MVHPDQSEQVPGMIER.Y	20
PHEAT+7092	proteomics_heat	4423168	4423212	+	1	3	M.VHPDQSEQVPGMIER.Y	19
PHEAT+7093	proteomics_heat	4423213	4423245	+	1	17	R.YTAAITGAEGK.I	15
PHEAT+7094	proteomics_heat	4423276	4423299	+	1	2	R.QLAYPINK.L	12
PHEAT+7095	proteomics_heat	4423306	4423377	+	1	10	H.KAHYVLMNVEAPQEVIDELETTFR.F	28
PHEAT+7096	proteomics_heat	4423309	4423377	+	1	132	K.AHYVLMNVEAPQEVIDELETTFR.F	27
PHEAT+7097	proteomics_heat	4423318	4423377	+	1	4	Y.VLMNVEAPQEVIDELETTFR.F	24
PHEAT+7098	proteomics_heat	4423324	4423377	+	1	3	L.MNVEAPQEVIDELETTFR.F	22
PHEAT+7099	proteomics_heat	4423327	4423377	+	1	3	M.NVEAPQEVIDELETTFR.F	21
PHEAT+7100	proteomics_heat	4423330	4423377	+	1	9	N.VEAPQEVIDELETTFR.F	20
PHEAT+7101	proteomics_heat	4423339	4423377	+	1	3	A.PQEVIDELETTFR.F	17
PHEAT+7102	proteomics_heat	4423378	4423398	+	1	4	R.FNDAVIR.S	11
PHEAT+7103	proteomics_heat	4423420	4423452	+	1	29	K.HAVTEASPMVK.A	15
PHEAT+7104	proteomics_heat	4423477	4423533	+	1	5	R.RDDFANETADDAEAGDSEE.-	23
PHEAT+7105	proteomics_heat	4423895	4423951	+	2	3	C.RFTAEGVQEIDYKDIATLK.N	23
PHEAT+7106	proteomics_heat	4423895	4423933	+	2	4	C.RFTAEGVQEIDYK.D	17
PHEAT+7107	proteomics_heat	4423898	4423951	+	2	117	R.FTAEGVQEIDYKDIATLK.N	22
PHEAT+7108	proteomics_heat	4423898	4423933	+	2	11	R.FTAEGVQEIDYK.D	16
PHEAT+7109	proteomics_heat	4423904	4423933	+	2	2	T.AEGVQEIDYK.D	14
PHEAT+7110	proteomics_heat	4423952	4423975	+	2	9	K.NYITESGK.I	12
PHEAT+7111	proteomics_heat	4424051	4424080	+	2	8	R.YLSLLPYTDR.H	14
PHEAT+7112	proteomics_heat	4424131	4424154	+	1	4	V.MQVILLDK.V	12
PHEAT+7113	proteomics_heat	4424155	4424196	+	1	14	K.VANLGS LGDQVNVK.A	18
PHEAT+7114	proteomics_heat	4424212	4424235	+	1	5	R.NFLVPQ GK.A	12
PHEAT+7115	proteomics_heat	4424254	4424280	+	1	12	K.KNIEFFEAR.R	13
PHEAT+7116	proteomics_heat	4424257	4424280	+	1	7	K.NIEFFEAR.R	12
PHEAT+7117	proteomics_heat	4424302	4424334	+	1	66	K.LAEVLAAANAR.A	15
PHEAT+7118	proteomics_heat	4424344	4424379	+	1	11	K.INALETVTIASK.A	16
PHEAT+7119	proteomics_heat	4424380	4424421	+	1	6	K.AGDEGKLF SIGTR.D	18
PHEAT+7120	proteomics_heat	4424398	4424421	+	1	3	K.LFGSIGTR.D	12
PHEAT+7121	proteomics_heat	4424422	4424466	+	1	63	R.DIADAVTAAGVEVAK.S	19
PHEAT+7122	proteomics_heat	4424434	4424466	+	1	5	D.AVTAAGVEVAK.S	15
PHEAT+7123	proteomics_heat	4424467	4424499	+	1	3	K.SEVRLPNGVLR.T	15
PHEAT+7124	proteomics_heat	4424500	4424553	+	1	952	R.TTGEHEVSFQVHSEVFAK.V	22
PHEAT+7125	proteomics_heat	4424500	4424535	+	1	2	R.TTGEHEVSFQVH.S	16
PHEAT+7126	proteomics_heat	4427105	4427137	+	2	2	K.HPAVPVDVVHR.A	15
PHEAT+7127	proteomics_heat	4427186	4427215	+	2	4	R.FQAMAAEGVK.Y	14
PHEAT+7128	proteomics_heat	4427216	4427239	+	2	3	K.YLEENAKK.E	12
PHEAT+7129	proteomics_heat	4427237	4427278	+	2	5	K.KEGVNSTESGLQFR.V	18
PHEAT+7130	proteomics_heat	4427240	4427278	+	2	3	K.EGVNSTESGLQFR.V	17
PHEAT+7131	proteomics_heat	4427279	4427314	+	2	3	R.VINQGEGAIPAR.T	16
PHEAT+7132	proteomics_heat	4427348	4427386	+	2	6	K.LIDGTVFDSSVAR.G	17

PHEAT+7133	proteomics_heat	4427387	4427467	+	2	18	R.GEPAEFPVNGVIPGWIEALTLPVGSK.W	31
PHEAT+7134	proteomics_heat	4427905	4427946	+	1	7	K.VVADDQAPAEQSLR.R	18
PHEAT+7135	proteomics_heat	4428847	4428885	+	1	3	R.MLFLAQEGVAPK.A	17
PHEAT+7136	proteomics_heat	4435246	4435326	+	1	2	R.SHADAEKKEYLQQLGEHQTTSIGSSLK.F	31
PHEAT+7137	proteomics_heat	4440525	4440569	+	3	2	R.AQLSTIESDEVTPDR.R	19
PHEAT+7138	proteomics_heat	4440759	4440779	+	3	2	R.TDKDYLK.L	11
PHEAT+7139	proteomics_heat	4440780	4440845	+	3	2	K.LLDTRPAIGTVLNQGDYENFKK.S	26
PHEAT+7140	proteomics_heat	4441266	4441352	+	3	2	K.KPWMNSYGHSLTTSTISISAPEQTLDFSYK.M	33
PHEAT+7141	proteomics_heat	4441413	4441463	+	3	5	R.TDLNDTESDSTTLVASR.Y	21
PHEAT+7142	proteomics_heat	4442432	4442458	+	2	3	K.DIQVNIDSK.K	13
PHEAT+7143	proteomics_heat	4442687	4442725	+	2	2	K.VAEVAQEEVVEPK.I	17
PHEAT+7144	proteomics_heat	4443743	4443817	+	2	5	K.DLNLDATINAPGLDNALPGLGGTAK.G	29
PHEAT+7145	proteomics_heat	4446088	4446126	+	1	3	R.IDNATLAELDALR.T	17
PHEAT+7146	proteomics_heat	4448048	4448098	+	2	2	A.APLTVGFSQVGSSESGWR.A	21
PHEAT+7147	proteomics_heat	4448681	4448749	+	2	2	K.EAGLKPGKDILTGSIDGVVDIYK.A	27
PHEAT+7148	proteomics_heat	4453940	4454026	+	2	6	K.QGIELIQGYDASQLEPQPDLVIIIGNAMTR.G	33
PHEAT+7149	proteomics_heat	4454060	4454110	+	2	2	K.NIPYMSGPQWLHDFVLR.D	21
PHEAT+7150	proteomics_heat	4454117	4454149	+	2	2	R.WVLAVAGTHGK.T	15
PHEAT+7151	proteomics_heat	4454345	4454401	+	2	2	R.TLILNNEFDHADIFDDLK.A	23
PHEAT+7152	proteomics_heat	4454558	4454608	+	2	3	K.KLTDDASEWEVLLDGEK.V	21
PHEAT+7153	proteomics_heat	4454684	4454743	+	2	6	R.HVGVAPADAANALGSFINAR.R	24
PHEAT+7154	proteomics_heat	4454762	4454842	+	2	4	R.GEANGVTVYDDFAHHPTAILATLAALR.G	31
PHEAT+7155	proteomics_heat	4454906	4454947	+	2	4	K.MGICKDDLAPSLGR.A	18
PHEAT+7156	proteomics_heat	4455074	4455139	+	2	5	K.TAQPGDHILVMSNGGFGGIHQK.L	26
PHEAT+7157	proteomics_heat	4456000	4456026	+	1	4	K.VISQVEAQR.K	13
PHEAT+7158	proteomics_heat	4456027	4456077	+	1	13	R.KILEEAVSTALELASGK.S	21
PHEAT+7159	proteomics_heat	4456030	4456077	+	1	3	K.ILEEAVSTALELASGK.S	20
PHEAT+7160	proteomics_heat	4456078	4456107	+	1	6	K.SDGAEVAVSK.T	14
PHEAT+7161	proteomics_heat	4456207	4456254	+	1	2	R.KGSASSTDLSPQAIAR.T	20
PHEAT+7162	proteomics_heat	4456411	4456443	+	1	9	R.AEQAALQADKR.I	15
PHEAT+7163	proteomics_heat	4456444	4456491	+	1	4	R.ITNTEGGSFNSHYGVK.V	20
PHEAT+7164	proteomics_heat	4456492	4456539	+	1	4	K.VFGNSHGMMLQGYCSTR.H	20
PHEAT+7165	proteomics_heat	4456540	4456590	+	1	4	R.HSLSSCVIAEENGDMER.D	21
PHEAT+7166	proteomics_heat	4456591	4456614	+	1	2	R.DYAYTIGR.A	12
PHEAT+7167	proteomics_heat	4456711	4456794	+	1	35	K.APVIFANEVATGLFGHLVGAIAAGGSVYR.K	32
PHEAT+7168	proteomics_heat	4456711	4456797	+	1	4	K.APVIFANEVATGLFGHLVGAIAAGGSVYRK.S	33
PHEAT+7169	proteomics_heat	4456795	4456827	+	1	2	R.KSTFLDLSLQK.Q	15
PHEAT+7170	proteomics_heat	4456798	4456827	+	1	2	K.STFLDLSLQK.Q	14
PHEAT+7171	proteomics_heat	4456828	4456878	+	1	2	K.QILPDWLTIEEHPHLLK.G	21
PHEAT+7172	proteomics_heat	4456930	4456986	+	1	2	R.DIIKDGILTQWLLTSYSAR.K	23
PHEAT+7173	proteomics_heat	4457077	4457151	+	1	5	K.EMGTGLVVTLMGQGVSAITGDYSR.G	29
PHEAT+7174	proteomics_heat	4457152	4457229	+	1	2	R.GAAGFWVENGEIQYPVSEITTIAGNLK.D	30
PHEAT+7175	proteomics_heat	4457278	4457319	+	1	2	R.SNIQCGSVLLPEMK.I	18
PHEAT+7176	proteomics_heat	4465708	4465770	+	1	2	R.DPLPGAQQTVNTVPPSLSAH.C	25
PHEAT+7177	proteomics_heat	4467001	4467051	+	1	2	R.MSVVVAENTEHHQLVCK.G	21
PHEAT+7178	proteomics_heat	4467094	4467135	+	1	2	R.HNGEIVPLDDIMLR.K	18

PHEAT+7179	proteomics_heat	4467541	4467597	+	1	2	R.EGHVVGFMGDGINDAPALR.A	23
PHEAT+7180	proteomics_heat	4472189	4472224	+	2	2	R.RFAPEQAISAASAK.V	16
PHEAT+7181	proteomics_heat	4472345	4472398	+	2	2	R.VLNEYVGTETAIPLADILR.D	22
PHEAT+7182	proteomics_heat	4472603	4472656	+	2	3	R.AQCVTDFMSTVMSGLSAK.A	22
PHEAT+7183	proteomics_heat	4472885	4472938	+	2	4	K.MIIGNIHNLPWLPQELR.Q	22
PHEAT+7184	proteomics_heat	4472960	4472986	+	2	2	K.AHVTAETPK.G	13
PHEAT+7185	proteomics_heat	4473014	4473061	+	2	2	R.LFYLISEDMTEPYEAR.R	20
PHEAT+7186	proteomics_heat	4473215	4473307	+	2	2	K.TVILNEGDFVVFYPGEVHKPLCAVGAPAQVR.K	35
PHEAT+7187	proteomics_heat	4476499	4476540	+	1	2	M.ANPEQLEEQRETR.L	18
PHEAT+7188	proteomics_heat	4476541	4476639	+	1	23	R.LIIEELLEDDGSDPDALYTIEHHSADDLETLEK.A	37
PHEAT+7189	proteomics_heat	4476805	4476909	+	1	4	K.FDVEYDGGWGTYFEDPNGEDGDEDFVDEDDDDGVRH.-	39
PHEAT+7190	proteomics_heat	4484781	4484837	+	3	2	K.GNARPSVVVADSGHLTQLR.D	23
PHEAT+7191	proteomics_heat	4484838	4484876	+	3	10	R.DGSQVVTLNQGTR.F	17
PHEAT+7192	proteomics_heat	4485956	4485994	+	2	2	R.LSQVDESDLTNP.K	17
PHEAT+7193	proteomics_heat	4486034	4486117	+	2	2	K.TNLTPDKLGVVALDPDALSISGLHNYVK.Y	32
PHEAT+7194	proteomics_heat	4495367	4495411	+	2	2	P.LTRWAIELTLIFIR.S	19
PHEAT+7195	proteomics_heat	4503391	4503435	+	1	2	K.ITCVYDPENGENIAR.E	19
PHEAT+7196	proteomics_heat	4503565	4503624	+	1	2	K.HVFCCKPIALSIEDCVDMVK.A	24
PHEAT+7197	proteomics_heat	4528787	4528849	+	2	2	F.SLHRNVVFKSRFQHPYQARR.R	25
PHEAT+7198	proteomics_heat	4539010	4539048	+	1	2	R.NFLTHSEIESLLK.A	17
PHEAT+7199	proteomics_heat	4542837	4542914	+	3	3	R.RSANSLLINPTPYLTVTELNAGTR.V	30
PHEAT+7200	proteomics_heat	4550085	4550141	+	3	2	K.RPGAEADYEEEEIAQAER.F	23
PHEAT+7201	proteomics_heat	4550184	4550243	+	3	3	R.NIIAGLPGAEEGYTLQDQFRK.H	24
PHEAT+7202	proteomics_heat	4551278	4551313	+	2	2	P.QTAIVSLTVTEK.G	16
PHEAT+7203	proteomics_heat	4579986	4580072	+	3	3	R.HRPFQKEQHVGLHALSVKNTGRQTQNGVQ.M	33
PHEAT+7204	proteomics_heat	4580964	4581050	+	3	2	Q.KQQRGEFIDVVLIGNAAIAQVVAQLPQLR.D	33
PHEAT+7205	proteomics_heat	4583399	4583473	+	2	2	P.LDDCLFNADGIFLITQAQLAHAR.V	29
PHEAT+7206	proteomics_heat	4585638	4585700	+	3	2	R.WQNTVGRPELQAFYGALAGQK.A	25
PHEAT+7207	proteomics_heat	4589782	4589820	+	1	2	K.NDKENFTVLQTIR.Q	17
PHEAT+7208	proteomics_heat	4589821	4589871	+	1	4	R.QQQSTLNGSWVALLQTR.N	21
PHEAT+7209	proteomics_heat	4590028	4590060	+	1	2	R.QSTAAAAEIKR.N	15
PHEAT+7210	proteomics_heat	4590061	4590120	+	1	2	R.NYDIYHNALAEIQLLGAGK.I	24
PHEAT+7211	proteomics_heat	4590121	4590174	+	1	3	K.INEFFDQPTQGYQDGFQK.Q	22
PHEAT+7212	proteomics_heat	4590370	4590450	+	1	8	R.HIAGGDLVKPIEVDGSGNEMGQLAESLR.H	31
PHEAT+7213	proteomics_heat	4590493	4590561	+	1	5	R.NGANAIYSGASEIATGNNDLSSR.T	27
PHEAT+7214	proteomics_heat	4590652	4590696	+	1	8	R.QASHLALSASETAQR.G	19
PHEAT+7215	proteomics_heat	4590760	4590843	+	1	27	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PHEAT+7216	proteomics_heat	4590760	4590843	+	1	27	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PHEAT+7217	proteomics_heat	4590862	4590891	+	1	4	R.GFAVVAGEVR.N	14
PHEAT+7218	proteomics_heat	4590862	4590891	+	1	4	R.GFAVVAGEVR.N	14
PHEAT+7219	proteomics_heat	4590862	4590891	+	1	4	R.GFAVVAGEVR.N	14
PHEAT+7220	proteomics_heat	4590862	4590891	+	1	4	R.GFAVVAGEVR.N	14
PHEAT+7221	proteomics_heat	4590961	4591032	+	1	31	K.VDVGSTLVESAGETMAEIVSAVTR.V	28
PHEAT+7222	proteomics_heat	4591033	4591083	+	1	3	R.VTDIMGEIASASDEQSR.G	21
PHEAT+7223	proteomics_heat	4591033	4591083	+	1	3	R.VTDIMGEIASASDEQSR.G	21
PHEAT+7224	proteomics_heat	4606454	4606492	+	2	4	R.ALLEHLIDELEKR.G	17

PHEAT+7225	proteomics_heat	4606891	4606992	+	1	2	R.LNVEPGKLNFEAFINAMAEICTPLPGAVSLLNAIR.G	38
PHEAT+7226	proteomics_heat	4607479	4607514	+	1	6	R.TFAIISHPDAGK.T	16
PHEAT+7227	proteomics_heat	4607533	4607577	+	1	4	K.VLLFGQAIQTAGTVK.G	19
PHEAT+7228	proteomics_heat	4607740	4607787	+	1	6	R.TLTAVDCCLMVIDAAK.G	20
PHEAT+7229	proteomics_heat	4607830	4607865	+	1	5	R.LRDTPILTFMNK.L	16
PHEAT+7230	proteomics_heat	4607866	4607925	+	1	2	K.LDRDIRDPMELLDDEVENELK.I	24
PHEAT+7231	proteomics_heat	4607875	4607925	+	1	8	R.DIRDPMELLDDEVENELK.I	21
PHEAT+7232	proteomics_heat	4607926	4607967	+	1	3	K.IGCAPITWPIGCGK.L	18
PHEAT+7233	proteomics_heat	4607977	4608027	+	1	9	K.GVYHLYKDETYLYQSGK.G	21
PHEAT+7234	proteomics_heat	4608061	4608141	+	1	2	K.GLNNPDLDAAVGEDLAQQLRDELELVK.G	31
PHEAT+7235	proteomics_heat	4608298	4608342	+	1	4	R.TVEASEDKFTGFVFK.I	19
PHEAT+7236	proteomics_heat	4608496	4608594	+	1	3	R.SHVEEAYPGDILGLHNHGTIQIGDTFTQGEMMK.F	37
PHEAT+7237	proteomics_heat	4608595	4608633	+	1	2	K.FTGIPNFAPELFR.R	17
PHEAT+7238	proteomics_heat	4608853	4608876	+	1	4	R.WVECADAK.K	12
PHEAT+7239	proteomics_heat	4608898	4608972	+	1	7	R.KNESQLALDGGDNLAYIATSMVNL.R.L	29
PHEAT+7240	proteomics_heat	4608988	4609017	+	1	7	R.YPDVQFHQTR.E	14
PHEAT+7241	proteomics_heat	4609503	4609565	+	3	3	A.ENNAQTTNESAGQKVDSSMNK.V	25
PHEAT+7242	proteomics_heat	4609503	4609544	+	3	3	A.ENNAQTTNESAGQK.V	18
PHEAT+7243	proteomics_heat	4609566	4609604	+	3	6	K.VGNFMDDSAITAK.V	17
PHEAT+7244	proteomics_heat	4609611	4609640	+	3	8	K.AALVDHDNIK.S	14
PHEAT+7245	proteomics_heat	4609674	4609730	+	3	42	K.VVTLSGFVESQAQAEAVK.V	23
PHEAT+7246	proteomics_heat	4609740	4609772	+	3	8	K.GVEGVTSVSDK.L	15
PHEAT+7247	proteomics_heat	4609740	4609784	+	3	3	K.GVEGVTSVSDKLHVR.D	19
PHEAT+7248	proteomics_heat	4609809	4609847	+	3	7	K.GYAGDTATTSEIK.A	17
PHEAT+7249	proteomics_heat	4609854	4609883	+	3	3	K.LLADDIVPSR.H	14
PHEAT+7250	proteomics_heat	4609863	4609958	+	3	4	A.DDIVPSRHVKVETTDGVVQLSGTVDSQAQSDR.A	36
PHEAT+7251	proteomics_heat	4609893	4609958	+	3	17	K.VETTDGVVQLSGTVDSQAQSDR.A	26
PHEAT+7252	proteomics_heat	4611648	4611719	+	3	2	R.VLALAENYQPLYAALGLHPGMLEK.H	28
PHEAT+7253	proteomics_heat	4611720	4611764	+	3	2	K.HSDVSLEQLQALER.R	19
PHEAT+7254	proteomics_heat	4615385	4615456	+	2	2	K.LMDLTTLNDDDTDEKVIALCHQAK.T	28
PHEAT+7255	proteomics_heat	4615385	4615429	+	2	5	K.LMDLTTLNDDDTDEK.V	19
PHEAT+7256	proteomics_heat	4615430	4615456	+	2	3	K.VIALCHQAK.T	13
PHEAT+7257	proteomics_heat	4615457	4615498	+	2	3	K.TPVGNTAAICIYPR.F	18
PHEAT+7258	proteomics_heat	4615553	4615618	+	2	5	R.IATVTNFPHGNDIDIALAETR.A	26
PHEAT+7259	proteomics_heat	4615619	4615669	+	2	2	R.AAIAYGADEVVVFPYR.A	21
PHEAT+7260	proteomics_heat	4615670	4615714	+	2	2	R.ALMAGNEQVGFDLVK.A	19
PHEAT+7261	proteomics_heat	4615757	4615801	+	2	4	K.VIETGELKDEALIR.K	19
PHEAT+7262	proteomics_heat	4615934	4615966	+	2	3	K.TVGFKPAGGVR.T	15
PHEAT+7263	proteomics_heat	4615988	4616038	+	2	8	K.YLAIADELFGADWADAR.H	21
PHEAT+7264	proteomics_heat	4616048	4616083	+	2	2	R.FGASSLLASLLK.A	16
PHEAT+7265	proteomics_heat	4616471	4616503	+	2	3	K.SLHLNGPIVDK.H	15
PHEAT+7266	proteomics_heat	4616597	4616674	+	2	3	R.GLHTGGTLDKLESIPGFDIFPDDNR.F	30
PHEAT+7267	proteomics_heat	4616681	4616749	+	2	2	R.EIIKDVGVAIIGQTSSLAPADKR.F	27
PHEAT+7268	proteomics_heat	4616765	4616821	+	2	4	R.DITATVDSIPLITASILAK.K	23
PHEAT+7269	proteomics_heat	4616822	4616863	+	2	2	K.KLAEGLDALVMDVK.V	18
PHEAT+7270	proteomics_heat	4616864	4616953	+	2	37	K.VGSGAFMPTYELSEALAEIVGVANGAGVR.T	34

PHEAT+7271	proteomics_heat	4617416	4617466	+	2	3	R.LGDQVDGQRPLAVIHAK.D	21
PHEAT+7272	proteomics_heat	4617467	4617496	+	2	2	K.DENNWQEAAK.A	14
PHEAT+7273	proteomics_heat	4617518	4617559	+	2	3	K.LADKAPESTPTVYR.R	18
PHEAT+7274	proteomics_heat	4617635	4617691	+	2	9	R.AFIMVLDSFGIGATEDAER.F	23
PHEAT+7275	proteomics_heat	4617692	4617745	+	2	5	R.FGDVGADTLGHIAEACAK.G	22
PHEAT+7276	proteomics_heat	4618031	4618111	+	2	9	R.ANLPGYLGNCHSSSGTVILDQLGEEHMK.T	31
PHEAT+7277	proteomics_heat	4618112	4618192	+	2	9	K.TGKPIFYTSADSVFQIACHEETFGLDK.L	31
PHEAT+7278	proteomics_heat	4618220	4618255	+	2	3	R.EELTNGGYNIGR.V	16
PHEAT+7279	proteomics_heat	4618256	4618285	+	2	2	R.VIARPFIGDK.A	14
PHEAT+7280	proteomics_heat	4618304	4618360	+	2	9	R.TGNRHDLAVEPPAPTVLQK.L	23
PHEAT+7281	proteomics_heat	4618316	4618360	+	2	2	R.HDLAVEPPAPTVLQK.L	19
PHEAT+7282	proteomics_heat	4618376	4618402	+	2	4	K.HGQVSVVGK.I	13
PHEAT+7283	proteomics_heat	4618403	4618438	+	2	2	K.IADIYANCGITK.K	16
PHEAT+7284	proteomics_heat	4618403	4618441	+	2	2	K.IADIYANCGITKK.V	17
PHEAT+7285	proteomics_heat	4618565	4618606	+	2	4	R.DVAGYAAGLELFD.R	18
PHEAT+7286	proteomics_heat	4618607	4618636	+	2	4	R.RLPELMSLLR.D	14
PHEAT+7287	proteomics_heat	4618709	4618741	+	2	3	R.EHIPVLVYGPK.V	15
PHEAT+7288	proteomics_heat	4618769	4618804	+	2	2	R.ETFADIGQTLAK.Y	16
PHEAT+7289	proteomics_heat	4618909	4618980	+	1	7	M.ATPHINAEMGDFADVLMPGDPLR.A	28
PHEAT+7290	proteomics_heat	4619038	4619067	+	1	2	R.GMLGFTGTYK.G	14
PHEAT+7291	proteomics_heat	4619077	4619130	+	1	9	K.ISVMGHGMGIPSCSIYTK.E	22
PHEAT+7292	proteomics_heat	4619131	4619157	+	1	2	K.ELITDFGVK.K	13
PHEAT+7293	proteomics_heat	4619131	4619160	+	1	2	K.ELITDFGVK.I	14
PHEAT+7294	proteomics_heat	4619170	4619205	+	1	10	R.VGSCGAVLPHVK.L	16
PHEAT+7295	proteomics_heat	4619206	4619250	+	1	7	K.LRDVVIGMGACTDSK.V	19
PHEAT+7296	proteomics_heat	4619212	4619250	+	1	9	R.DVVIGMGACTDSK.V	17
PHEAT+7297	proteomics_heat	4619266	4619313	+	1	21	R.FKDHDFAAIADFDVMR.N	20
PHEAT+7298	proteomics_heat	4619356	4619424	+	1	15	R.VGNLFSADLFYSPDGEMFDVMEK.Y	27
PHEAT+7299	proteomics_heat	4619425	4619493	+	1	16	K.YGILGVEMEAAGIYGVAEFGAK.A	27
PHEAT+7300	proteomics_heat	4619494	4619529	+	1	5	K.ALTICTVSDHIR.T	16
PHEAT+7301	proteomics_heat	4619530	4619559	+	1	7	R.THEQTTAAER.Q	14
PHEAT+7302	proteomics_heat	4619587	4619622	+	1	7	K.IALESVLLGDKE.-	16
PHEAT+7303	proteomics_heat	4622921	4623028	+	2	4	M.PNITWCCLPEDVSLWPLPLSLSGDEVMPDLYHAGR.S	40
PHEAT+7304	proteomics_heat	4623683	4623760	+	2	3	R.LAQEYEIPLAQTVAIGDGANDLPMIK.A	30
PHEAT+7305	proteomics_heat	4623830	4623883	+	2	2	R.HADLMGVFCILSGSLNQK.-	22
PHEAT+7306	proteomics_heat	4624193	4624258	+	2	3	R.VLGGGVVPGSAILIGGNPGAGK.S	26
PHEAT+7307	proteomics_heat	4624193	4624255	+	2	2	R.VLGGGVVPGSAILIGGNPGAG.K	25
PHEAT+7308	proteomics_heat	4624715	4624768	+	2	3	R.FGAVNELGVFAMTEQGLR.E	22
PHEAT+7309	proteomics_heat	4625036	4625092	+	2	3	K.VTETSADLALLLAMVSSLR.D	23
PHEAT+7310	proteomics_heat	4625656	4625706	+	1	2	R.ALFEDSAMSQQPTVPDR.L	21
PHEAT+7311	proteomics_heat	4625989	4626033	+	1	2	R.YWEYIPTEVKPFFVR.T	19
PHEAT+7312	proteomics_heat	4626196	4626237	+	1	2	K.IALGHAQYIDFAVK.Y	18
PHEAT+7313	proteomics_heat	4626409	4626435	+	1	2	R.SLGSSVDRK.E	13
PHEAT+7314	proteomics_heat	4630786	4630827	+	1	2	M.AQQSPYSAAMAEQR.H	18
PHEAT+7315	proteomics_heat	4630864	4630926	+	1	5	K.NAYQNDLHLPLNMLTPDER.E	25
PHEAT+7316	proteomics_heat	4630990	4631034	+	1	6	R.ELKNELGAGIATITR.G	19

PHEAT+7317	proteomics_heat	4631844	4631873	+	3	3	R.HGETQWNAER.R	14
PHEAT+7318	proteomics_heat	4631913	4631945	+	3	4	K.GEQQAMQVATR.A	15
PHEAT+7319	proteomics_heat	4631946	4631993	+	3	5	R.AKELGITHIISDLGR.T	20
PHEAT+7320	proteomics_heat	4631952	4631993	+	3	2	K.ELGITHIISDLGR.T	18
PHEAT+7321	proteomics_heat	4632093	4632134	+	3	2	R.HIDSLTEEEENWRR.Q	18
PHEAT+7322	proteomics_heat	4632093	4632131	+	3	2	R.HIDSLTEEEENWR.R	17
PHEAT+7323	proteomics_heat	4632165	4632203	+	3	2	R.IPEGESMQELSDR.V	17
PHEAT+7324	proteomics_heat	4632204	4632230	+	3	2	R.VNAALESCR.D	13
PHEAT+7325	proteomics_heat	4633661	4633696	+	2	2	K.IVVEAFDDPDVK.N	16
PHEAT+7326	proteomics_heat	4633697	4633720	+	2	3	K.NVTCYVSR.A	12
PHEAT+7327	proteomics_heat	4633742	4633822	+	2	8	K.GGLGLAEDTSDAAISCQVGPIELSDR.I	31
PHEAT+7328	proteomics_heat	4633838	4633861	+	2	2	K.AQGEVVK.K	12
PHEAT+7329	proteomics_heat	4633943	4633975	+	2	2	A.YSDKVVEGSPK.N	15
PHEAT+7330	proteomics_heat	4635478	4635522	+	1	2	K.NYIEQYVYALTHELK.S	19
PHEAT+7331	proteomics_heat	4639061	4639099	+	2	2	R.IVDSQAHLEPATR.W	17
PHEAT+7332	proteomics_heat	4639100	4639141	+	2	2	R.WVAHSGSGDIIDNIK.V	18
PHEAT+7333	proteomics_heat	4639217	4639267	+	2	3	K.YHYATPVELVPLLEEK.S	21
PHEAT+7334	proteomics_heat	4639457	4639498	+	2	2	K.SDATADQHQLQALR.E	18
PHEAT-1	proteomics_heat	5869	5913	-	5	8	K.KLNAEIIKPVFLDEK.N	19
PHEAT-2	proteomics_heat	5929	5997	-	5	2	K.LNEALAAQGDNVVINLASDEYFK.S	27
PHEAT-3	proteomics_heat	5998	6042	-	5	10	R.GKDLYQFWGDIITNK.L	19
PHEAT-4	proteomics_heat	6229	6270	-	5	3	R.FHDWQPDPFTPANAR.Q	18
PHEAT-5	proteomics_heat	6343	6396	-	5	2	R.YTLPELLDNSQQLIHEAR.K	22
PHEAT-6	proteomics_heat	20824	20850	-	5	8	K.ANLTAQINK.L	13
PHEAT-7	proteomics_heat	20899	20931	-	5	10	K.AFNEMQPIVDR.Q	15
PHEAT-8	proteomics_heat	20932	20976	-	5	11	K.VYAAIEAGDKAAAQK.A	19
PHEAT-9	proteomics_heat	20932	20979	-	5	2	K.KVYAAIEAGDKAAAQK.A	20
PHEAT-10	proteomics_heat	20944	20979	-	5	3	K.KVYAAIEAGDKA.A	16
PHEAT-11	proteomics_heat	20947	20976	-	5	16	K.VYAAIEAGDK.A	14
PHEAT-12	proteomics_heat	20947	20979	-	5	40	K.KVYAAIEAGDK.A	15
PHEAT-13	proteomics_heat	50914	50967	-	5	4	R.LTPLLEAPDADELLNWL.R	22
PHEAT-14	proteomics_heat	52179	52208	-	4	5	R.LQTHPFLGPK.L	14
PHEAT-15	proteomics_heat	52257	52319	-	4	2	K.GQAMVEIGPGLAALTEPVGER.L	25
PHEAT-16	proteomics_heat	52320	52388	-	4	16	R.FGQNFLNDQFVIDSIVSAINPQK.G	27
PHEAT-17	proteomics_heat	52448	52498	-	6	2	R.GKADVGSFITALNLAIK.M	21
PHEAT-18	proteomics_heat	52595	52657	-	6	2	K.YLDNADAVLAMYHDQGLPVLK.Y	25
PHEAT-19	proteomics_heat	53108	53173	-	6	3	R.APVTAGQLAVENGHYVVETLAR.A	26
PHEAT-20	proteomics_heat	53449	53490	-	5	4	R.KFSEEAASWMQEQR.A	18
PHEAT-21	proteomics_heat	53515	53550	-	5	3	R.NVDKTDAAQKDR.A	16
PHEAT-22	proteomics_heat	53551	53616	-	5	2	K.GQMSAPVHSSFGWHLIELLDTR.N	26
PHEAT-23	proteomics_heat	53641	53724	-	5	3	K.EFSQDPGSANQGGDLGWATPDIFDPAFR.D	32
PHEAT-24	proteomics_heat	53758	53790	-	5	4	R.VKLEQIAADIK.S	15
PHEAT-25	proteomics_heat	53791	53838	-	5	2	R.HILLKPSPIMTDEQAR.V	20
PHEAT-26	proteomics_heat	53839	53868	-	5	2	K.NISVTEVHAR.H	14
PHEAT-27	proteomics_heat	53896	53922	-	5	2	R.SGVGFHILK.V	13
PHEAT-28	proteomics_heat	53923	53949	-	5	4	K.KGDIVGPIR.S	13

PHEAT-29	proteomics_heat	53950	53997	-	5	3	R.IQELPGIFAQALSTAK.K	20
PHEAT-30	proteomics_heat	53998	54060	-	5	6	K.LAIAHSADQQALNGGQMGWGR.I	25
PHEAT-31	proteomics_heat	54277	54300	-	5	2	K.EMIISEVR.N	12
PHEAT-32	proteomics_heat	54316	54351	-	5	2	R.LAYDGLNYNTYR.N	16
PHEAT-33	proteomics_heat	54388	54432	-	5	5	K.ISDEQLDQAIANIAK.Q	19
PHEAT-34	proteomics_heat	54553	54621	-	5	4	K.VAAVVNNGVVLESDVDGLMQSVK.L	27
PHEAT-35	proteomics_heat	54788	54832	-	6	3	R.GLSSNYGLGTQEMLR.S	19
PHEAT-36	proteomics_heat	55022	55072	-	6	3	K.NGISQVGAVASWPIADR.W	21
PHEAT-37	proteomics_heat	55100	55138	-	6	2	R.YASPEYIQTLPK.Y	17
PHEAT-38	proteomics_heat	55175	55216	-	6	3	R.LDNVATSNSSIEYR.R	18
PHEAT-39	proteomics_heat	55388	55414	-	6	4	R.IYDDAAVER.F	13
PHEAT-40	proteomics_heat	55415	55456	-	6	3	R.IASANQVTTGVTSR.I	18
PHEAT-41	proteomics_heat	55484	55549	-	6	20	R.DQSDIYNYDSSLLQSDYSGLFR.D	26
PHEAT-42	proteomics_heat	55577	55624	-	6	3	R.DMEMLAPGYTQTLEPR.A	20
PHEAT-43	proteomics_heat	55703	55753	-	6	3	K.LLATHYQQTNLDWYNSR.N	21
PHEAT-44	proteomics_heat	55754	55822	-	6	9	R.VHLEPTINLPLSNNWGSINTEAK.L	27
PHEAT-45	proteomics_heat	55823	55846	-	6	2	R.DDMPEATR.V	12
PHEAT-46	proteomics_heat	55847	55882	-	6	6	R.IYGQAVHFVNTR.D	16
PHEAT-47	proteomics_heat	56036	56071	-	6	4	K.YGSSTDGYATQK.F	16
PHEAT-48	proteomics_heat	56072	56110	-	6	2	K.VSDPSYFNDFDNK.Y	17
PHEAT-49	proteomics_heat	56111	56131	-	6	2	R.FNVDYTK.V	11
PHEAT-50	proteomics_heat	56441	56497	-	6	7	K.VGPVPFIFYSPYLQLPVGDK.R	23
PHEAT-51	proteomics_heat	56441	56503	-	6	3	R.FKVGVPFIFYSPYLQLPVGDK.R	25
PHEAT-52	proteomics_heat	56675	56716	-	6	2	K.DTNVWEGDYQMVGR.Q	18
PHEAT-53	proteomics_heat	56750	56803	-	6	4	R.TVDALGNVHYDDNQVILK.G	22
PHEAT-54	proteomics_heat	56804	56833	-	6	2	K.EAPGQPEPVR.T	14
PHEAT-55	proteomics_heat	56834	56866	-	6	6	R.LQADEVQLHQK.E	15
PHEAT-56	proteomics_heat	56930	57037	-	6	3	A.ADLASQCMLGVPSYDRPLVQGDNDLPVTINADHAK.G	40
PHEAT-57	proteomics_heat	60200	60232	-	6	2	R.LEEHKDSVMTR.I	15
PHEAT-58	proteomics_heat	60436	60468	-	5	2	R.DDELTAIESNR.Q	15
PHEAT-59	proteomics_heat	60436	60474	-	5	2	N.IRDELTAIESNR.Q	17
PHEAT-60	proteomics_heat	60574	60639	-	5	8	K.LVNAVQQDVHAILQLGAEQIEK.S	26
PHEAT-61	proteomics_heat	60676	60723	-	5	2	K.NGNLAAQVEFETFNR.Q	20
PHEAT-62	proteomics_heat	60850	60909	-	5	3	R.NGLDLILSGDTGSSTISLLK.N	24
PHEAT-63	proteomics_heat	61171	61203	-	5	2	R.LLEIHSNGGEK.A	15
PHEAT-64	proteomics_heat	61261	61344	-	5	5	R.TIYDSVYNDLINYLASPDQTEGFDDLK.N	32
PHEAT-65	proteomics_heat	61345	61395	-	5	3	R.WYHEGLDAFEHTCPTGR.T	21
PHEAT-66	proteomics_heat	61396	61419	-	5	2	K.TAQSVLVR.W	12
PHEAT-67	proteomics_heat	61420	61467	-	5	8	R.IGQAHDIIQHVPYLEK.T	20
PHEAT-68	proteomics_heat	61486	61554	-	5	4	R.NFQFASHMVMFDLPFNPDLLEQR.I	27
PHEAT-69	proteomics_heat	61636	61674	-	5	4	R.AAVFHEGMSIIER.D	17
PHEAT-70	proteomics_heat	61693	61728	-	5	2	K.AATALQLEQVLR.E	16
PHEAT-71	proteomics_heat	61918	61953	-	5	2	K.LPLPTQYQTAIK.V	16
PHEAT-72	proteomics_heat	62065	62172	-	5	3	K.LSNDELNMLGEMIGEQDIEPLLQAANSSEDAQSAR.Q	40
PHEAT-73	proteomics_heat	62173	62223	-	5	6	K.NYRPVADAVAMLLAGNK.L	21
PHEAT-74	proteomics_heat	62224	62259	-	5	5	R.FHDFAQFVEEQK.N	16

PHEAT-75	proteomics_heat	62284	62382	-	5	2	R.EYQAIEQLAEHVPGVLLLTATPEQLGMESHFAR.L	37
PHEAT-76	proteomics_heat	62485	62562	-	5	4	R.YAEAQHDAYNPFDTQLVICSLDFAR.R	30
PHEAT-77	proteomics_heat	62659	62715	-	5	2	K.TIEAGMILHQQLLSGAAER.V	23
PHEAT-78	proteomics_heat	72625	72678	-	5	3	F.SHLTVAQNIQGLNPLGLK.L	22
PHEAT-79	proteomics_heat	73812	73844	-	4	3	Y.RAGNLSGAELR.L	15
PHEAT-80	proteomics_heat	74539	74595	-	5	8	K.LTKPATTLEFTPAEVAAQR.Q	23
PHEAT-81	proteomics_heat	74596	74664	-	5	2	Q.NAIPTGNWMPVANVTLPAGFEK.L	27
PHEAT-82	proteomics_heat	74698	74733	-	5	4	R.TAASKQPELAQK.F	16
PHEAT-83	proteomics_heat	74734	74799	-	5	5	K.KDNYAAANFSEGHYLQVEVAAR.T	26
PHEAT-84	proteomics_heat	74800	74862	-	5	7	K.GESDLVLSYTTSPAYHILEEK.K	25
PHEAT-85	proteomics_heat	74863	74895	-	5	4	K.GWSEAYGLFLK.G	15
PHEAT-86	proteomics_heat	74962	75003	-	5	3	R.TSTPGLGLLLWMQK.V	18
PHEAT-87	proteomics_heat	75025	75054	-	5	2	K.ELVESDQNR.V	14
PHEAT-88	proteomics_heat	75205	75255	-	5	4	K.ADVVLGLDNNLLDAASK.T	21
PHEAT-89	proteomics_heat	75283	75321	-	5	3	K.LVALEDGVSLNLR.L	17
PHEAT-90	proteomics_heat	75322	75354	-	5	4	K.AFEADCNCELK.L	15
PHEAT-91	proteomics_heat	75322	75357	-	5	5	K.KAFEADCNCELK.L	16
PHEAT-92	proteomics_heat	78869	78922	-	6	3	D.SIGLTLQHDDAIAAYEAK.Q	22
PHEAT-93	proteomics_heat	78869	78946	-	6	14	R.HCMMNGLDSIGLTLQHDDAIAAYEAK.Q	30
PHEAT-94	proteomics_heat	78992	79042	-	6	8	K.ANPGIHFDVDLEAQEVK.A	21
PHEAT-95	proteomics_heat	79043	79084	-	6	9	K.LSDAEVDELFAVK.A	18
PHEAT-96	proteomics_heat	79085	79156	-	6	12	K.VVIAPSFADIFYGNSFNQLLPVK.L	28
PHEAT-97	proteomics_heat	79157	79195	-	6	6	R.EHAPWALTDYGFK.V	17
PHEAT-98	proteomics_heat	79223	79294	-	6	9	K.GQQPNPDFVLNFPQYQGASILLAR.E	28
PHEAT-99	proteomics_heat	79310	79345	-	6	4	R.TGFGAHLFNDWR.F	16
PHEAT-100	proteomics_heat	79370	79432	-	6	7	K.HTGLVVPLDAANVDTDAIIPK.Q	25
PHEAT-101	proteomics_heat	79476	79541	-	4	49	R.THLVSPAMAAAAAVTGHFADIR.N	26
PHEAT-102	proteomics_heat	79476	79571	-	4	5	N.FEGRQGRGRTHLVSPAMAAAAAVTGHFADIR.N	36
PHEAT-103	proteomics_heat	79491	79541	-	4	3	R.THLVSPAMAAAAAVTGH.F	21
PHEAT-104	proteomics_heat	79614	79655	-	4	7	R.LPGCSMCLAMNDR.L	18
PHEAT-105	proteomics_heat	79686	79715	-	4	3	K.AQAEAEGLDK.I	14
PHEAT-106	proteomics_heat	79716	79766	-	4	7	K.VAPGVQALVVPGSGPVK.A	21
PHEAT-107	proteomics_heat	79716	79769	-	4	15	R.KVAPGVQALVVPGSGPVK.A	22
PHEAT-108	proteomics_heat	79812	79841	-	4	2	K.VFIGSCTNSR.I	14
PHEAT-109	proteomics_heat	79842	79889	-	4	4	Y.MGLKPGIPLTEVAIDK.V	20
PHEAT-110	proteomics_heat	79842	79901	-	4	12	K.ALAYMGLKPGIPLTEVAIDK.V	24
PHEAT-111	proteomics_heat	80076	80111	-	4	7	K.GKDFDDAVAYWK.T	16
PHEAT-112	proteomics_heat	80133	80177	-	4	8	K.AGLVAPDETTFNYVK.G	19
PHEAT-113	proteomics_heat	80178	80216	-	4	4	R.MTLCNMAIEMGAK.A	17
PHEAT-114	proteomics_heat	80217	80294	-	4	2	K.TGSAGGTGHVVEFCGEAIRDLSMEGR.M	30
PHEAT-115	proteomics_heat	80238	80294	-	4	15	K.TGSAGGTGHVVEFCGEAIR.D	23
PHEAT-116	proteomics_heat	80295	80321	-	4	2	K.DIVLAIIGK.T	13
PHEAT-117	proteomics_heat	80388	80438	-	4	3	F.GIGTSEVEHVLATQTLK.Q	21
PHEAT-118	proteomics_heat	80625	80654	-	4	12	K.DINACGEMAR.I	14
PHEAT-119	proteomics_heat	80655	80696	-	4	14	K.TFATMDHNVSTQTK.D	18
PHEAT-120	proteomics_heat	80730	80777	-	4	6	R.HLVHEVTSPQAFDGLR.A	20

PHEAT-121	proteomics_heat	80778	80840	-	4	29	K.LFDAHVVEAEENETPLLYIDR.H	25
PHEAT-122	proteomics_heat	80888	80935	-	6	17	R.GAAAVSTDEMGIAR.Y	20
PHEAT-123	proteomics_heat	80987	81028	-	6	11	R.YSLDADDAACAIER.A	18
PHEAT-124	proteomics_heat	81029	81079	-	6	60	K.NIANPIAQILSLALLLR.Y	21
PHEAT-125	proteomics_heat	81254	81340	-	6	4	R.EIVNEIATEYDPVELAHMYIDNATMQLIK.D	33
PHEAT-126	proteomics_heat	81290	81340	-	6	2	R.EIVNEIATEYDPVELAH.M	21
PHEAT-127	proteomics_heat	81341	81373	-	6	5	K.ANVLQSSILWR.E	15
PHEAT-128	proteomics_heat	81452	81478	-	6	3	K.AFDTEVYHR.F	13
PHEAT-129	proteomics_heat	81509	81544	-	6	4	R.ELTGGIYFGQPK.G	16
PHEAT-130	proteomics_heat	81545	81586	-	6	9	R.ADIAANGFDILCVR.E	18
PHEAT-131	proteomics_heat	81587	81622	-	6	6	K.LYQGLEAFCLR.A	16
PHEAT-132	proteomics_heat	81623	81649	-	6	2	K.LFSNLRPAK.L	13
PHEAT-133	proteomics_heat	81683	81718	-	6	26	K.WEHLPPDQQPER.G	16
PHEAT-134	proteomics_heat	81719	81847	-	6	2	R.ITTSHYDVGGAAIDNHGQPLPPATVEGCEQADAVLFGSVGGPK.W	47
PHEAT-135	proteomics_heat	81884	81940	-	6	2	H.IAVLPGDGIGPEVMTQALK.V	23
PHEAT-136	proteomics_heat	81884	81949	-	6	17	K.NYHIAVLPGDGIGPEVMTQALK.V	26
PHEAT-137	proteomics_heat	81884	81955	-	6	7	M.SKNYHIAVLPGDGIGPEVMTQALK.V	28
PHEAT-138	proteomics_heat	81997	82026	-	5	4	R.AAEVEKELQR.K	14
PHEAT-139	proteomics_heat	82027	82059	-	5	13	K.AMVHVLNNIWR.A	15
PHEAT-140	proteomics_heat	82060	82107	-	5	25	R.FHGVGLATDIVESSAK.A	20
PHEAT-141	proteomics_heat	82060	82110	-	5	7	R.RFHGVGLATDIVESSAK.A	21
PHEAT-142	proteomics_heat	82111	82155	-	5	17	K.DALGQVDIVANYNGR.R	19
PHEAT-143	proteomics_heat	82186	82215	-	5	4	R.ITEYNVELVK.Y	14
PHEAT-144	proteomics_heat	82216	82272	-	5	12	K.AEAANGNPVDAVYQAINR.I	23
PHEAT-145	proteomics_heat	82297	82353	-	5	17	R.LDYFSVQSGSNDIATAAVK.L	23
PHEAT-146	proteomics_heat	82381	82428	-	5	77	K.GQVFDYDLEALAFIGK.Q	20
PHEAT-147	proteomics_heat	82381	82431	-	5	13	K.KGQVFDYDLEALAFIGK.Q	21
PHEAT-148	proteomics_heat	82444	82488	-	5	12	K.ESEYNLDNLYDAFLK.L	19
PHEAT-149	proteomics_heat	82444	82509	-	5	6	R.MDEMGYKESEYNLDNLYDAFLK.L	26
PHEAT-150	proteomics_heat	82537	82605	-	5	4	R.ENYEIMTPESIGLNQIQLNLTSR.S	27
PHEAT-151	proteomics_heat	82537	82611	-	5	16	K.NRENYEIMTPESIGLNQIQLNLTSR.S	29
PHEAT-152	proteomics_heat	82612	82644	-	5	2	H.SSGIHQDGVLK.N	15
PHEAT-153	proteomics_heat	82612	82674	-	5	22	K.AIVGSGAFAHSSGIHQDGVLK.N	25
PHEAT-154	proteomics_heat	82612	82701	-	5	6	I.CNMPIPANKAIVGSGAFAHSSGIHQDGVLK.N	34
PHEAT-155	proteomics_heat	82675	82725	-	5	9	R.TSQLVSQICNMPIPANK.A	21
PHEAT-156	proteomics_heat	82726	82773	-	5	9	K.DILNVHTAINHQEIWR.T	20
PHEAT-157	proteomics_heat	82783	82824	-	5	16	R.AGNCSLEEVIMAIK.V	18
PHEAT-158	proteomics_heat	82825	82860	-	5	2	R.QVEGAMNGIGER.A	16
PHEAT-159	proteomics_heat	82861	82941	-	5	406	K.AIISVHTHDDLGLAVGNSLAAVHAGAR.Q	31
PHEAT-160	proteomics_heat	83071	83094	-	5	2	R.TPIADLAR.V	12
PHEAT-161	proteomics_heat	83095	83139	-	5	15	R.NYTDDVEFSCEDAGR.T	19
PHEAT-162	proteomics_heat	83167	83193	-	5	2	R.STLDEVIER.A	13
PHEAT-163	proteomics_heat	83167	83199	-	5	2	K.LRSTLDEVIER.A	15
PHEAT-164	proteomics_heat	83200	83244	-	5	5	R.IHTFIATSPMHIATK.L	19
PHEAT-165	proteomics_heat	83263	83292	-	5	8	K.DIDVAAESLK.V	14
PHEAT-166	proteomics_heat	83263	83304	-	5	4	R.CVEKDIDVAAESLK.V	18

PHEAT-167	proteomics_heat	83341	83418	-	5	15	R.MGVDVMEVGFVSSPGDFESVQTIAR.Q	30
PHEAT-168	proteomics_heat	83419	83451	-	5	2	K.EKLQIALALER.M	15
PHEAT-169	proteomics_heat	83452	83490	-	5	9	R.DGEQALQASLSVK.E	17
PHEAT-170	proteomics_heat	83452	83526	-	5	20	M.SQQVIFDITLRDGEQALQASLSVK.E	29
PHEAT-171	proteomics_heat	83491	83526	-	5	2	M.SQQVIFDITLR.D	16
PHEAT-172	proteomics_heat	95184	95243	-	4	13	R.DTRKRAKTFQMRRCQVVDQR.S	24
PHEAT-173	proteomics_heat	102489	102545	-	4	2	L.AIEVCCVVYPLKAQMPSLR.F	23
PHEAT-174	proteomics_heat	111652	111708	-	5	4	R.IPSSGDLSEDDWSEEPKQ.-	23
PHEAT-175	proteomics_heat	111757	111804	-	5	2	K.TVVWGEISPFRRPFCSK.R	20
PHEAT-176	proteomics_heat	111883	111924	-	5	2	R.FMPLDTENGQVPER.L	18
PHEAT-177	proteomics_heat	111943	111993	-	5	4	R.LNLSLDSQLYPQISGHK.S	21
PHEAT-178	proteomics_heat	112558	112599	-	5	3	V.MQTQVLFEHPLNEK.M	18
PHEAT-179	proteomics_heat	112656	112724	-	4	4	R.LAVADDVIDNNGAPDAIASDVAR.L	27
PHEAT-180	proteomics_heat	112734	112772	-	4	3	R.EHVEQILAAQATR.E	17
PHEAT-181	proteomics_heat	112800	112841	-	4	2	R.VLVVDVSPETQLKR.T	18
PHEAT-182	proteomics_heat	117761	117790	-	6	3	K.HVQALDLSMR.F	14
PHEAT-183	proteomics_heat	117965	118039	-	6	3	K.ASWLHPDAPVEVEVENLEELDEALK.A	29
PHEAT-184	proteomics_heat	118055	118087	-	6	5	K.ENHIIASGSVR.Q	15
PHEAT-185	proteomics_heat	118244	118288	-	6	2	R.TALNFVQTLSGVASK.V	19
PHEAT-186	proteomics_heat	118502	118549	-	6	7	R.EDLGGTVDANNDITAK.L	20
PHEAT-187	proteomics_heat	118502	118591	-	6	2	R.INLDIPGAVAQALREDLGGTVDANNDITAK.L	34
PHEAT-188	proteomics_heat	120364	120393	-	5	2	R.AKQEQQVVTR.F	14
PHEAT-189	proteomics_heat	120586	120624	-	5	5	R.MLFLAQQGNAPK.A	17
PHEAT-190	proteomics_heat	121516	121548	-	5	2	M.MEGQQHGEQLK.R	15
PHEAT-191	proteomics_heat	123341	123394	-	6	9	T.EEVVKAHIINGCGRLEGR.H	22
PHEAT-192	proteomics_heat	134860	134901	-	5	2	Y.MFHTKPEDLTDSEER.Q	18
PHEAT-193	proteomics_heat	134860	134907	-	5	2	K.HYMFHTKPEDLTDSEER.Q	20
PHEAT-194	proteomics_heat	134935	134991	-	5	5	K.ALYDMVDVNVYQENIFHTK.M	23
PHEAT-195	proteomics_heat	134992	135048	-	5	16	K.HFIDHEINSIQNFMSDDMK.A	23
PHEAT-196	proteomics_heat	135085	135141	-	5	29	K.ALNYLIHQLESIDIVTIDYR.V	23
PHEAT-197	proteomics_heat	135142	135186	-	5	3	R.ADIEVSTCGVISPLK.A	19
PHEAT-198	proteomics_heat	135250	135300	-	5	4	K.TEHPGLPETVVAHLDK.S	21
PHEAT-199	proteomics_heat	135250	135312	-	5	9	K.LIDKTEHPGLPETVVAHLDK.S	25
PHEAT-200	proteomics_heat	135313	135378	-	5	3	R.QDYEPQGASVTILVSEEPVDPK.L	26
PHEAT-201	proteomics_heat	135379	135441	-	5	6	R.LTEILSETCSIIGANILNIAR.Q	25
PHEAT-202	proteomics_heat	135442	135486	-	5	12	R.DGYIAYIDELYNANR.L	19
PHEAT-203	proteomics_heat	135502	135540	-	5	3	K.SLSFCIYDICYAK.T	17
PHEAT-204	proteomics_heat	135601	135678	-	5	3	R.YYNPAIHTAAFALPQYLQDALASQPS.-	30
PHEAT-205	proteomics_heat	135706	135735	-	5	10	R.HLSTEIIQAR.F	14
PHEAT-206	proteomics_heat	135805	135843	-	5	5	R.KLSHYFSDVGFYQ.A	17
PHEAT-207	proteomics_heat	135841	135924	-	5	2	R.CLNPGGIFVAQNGVCFLQQEEAIDSHRK.L	32
PHEAT-208	proteomics_heat	136066	136110	-	5	2	R.QYLPNHNAGSYDDPR.F	19
PHEAT-209	proteomics_heat	136186	136227	-	5	9	K.HVLIIGGGDGAMLR.E	18
PHEAT-210	proteomics_heat	136330	136377	-	5	26	K.TDHQDLIIFENAAFGR.V	20
PHEAT-211	proteomics_heat	136378	136449	-	5	4	K.QWHETLHDQFGQYFAVDNVLYHEK.T	28
PHEAT-212	proteomics_heat	138931	138981	-	5	2	R.LPAGGQATPMTYEVNGK.Q	21

PHEAT-213	proteomics_heat	140194	140277	-	5	2	K.GVLNLQSNMPDTPKGLYEPTSPPIITDK.T	32
PHEAT-214	proteomics_heat	140362	140403	-	5	2	K.AETASPEVMADCP.R	18
PHEAT-215	proteomics_heat	140428	140460	-	5	2	K.TNESFQHVTCR.G	15
PHEAT-216	proteomics_heat	142077	142103	-	4	20	R.DLDVTATNR.E	13
PHEAT-217	proteomics_heat	142104	142151	-	4	2	K.VTIHGWYGIHDGLLR.D	20
PHEAT-218	proteomics_heat	142164	142199	-	4	4	N.LGHSTIMQSAWK.R	16
PHEAT-219	proteomics_heat	142164	142220	-	4	2	N.VMEQVYNLGHSTIMQSAWK.R	23
PHEAT-220	proteomics_heat	142164	142244	-	4	28	R.LDTLCELNVMEQVYNLGHSTIMQSAWK.R	31
PHEAT-221	proteomics_heat	142248	142283	-	4	8	K.HSSLLGEMPQER.R	16
PHEAT-222	proteomics_heat	142479	142517	-	4	7	R.LTGLEPGELFVHR.N	17
PHEAT-223	proteomics_heat	142533	142562	-	4	3	R.FLWIGCSDSR.V	14
PHEAT-224	proteomics_heat	142587	142622	-	4	6	K.MLVEEDPGFFEK.L	16
PHEAT-225	proteomics_heat	142623	142664	-	4	5	K.DIDTLISNNALWSK.M	18
PHEAT-226	proteomics_heat	142623	142670	-	4	9	S.MKDIDTLISNNALWSK.M	20
PHEAT-227	proteomics_heat	146347	146397	-	5	12	R.TWRPNVAYFEGDNEMKR.T	21
PHEAT-228	proteomics_heat	146350	146397	-	5	4	R.TWRPNVAYFEGDNEMK.R	20
PHEAT-229	proteomics_heat	146503	146532	-	5	6	R.FSTYIAAER.G	14
PHEAT-230	proteomics_heat	146533	146616	-	5	2	C.AIDQDFLDAAGILENEAIDIWNVNVTNGKR.F	32
PHEAT-231	proteomics_heat	146533	146619	-	5	2	S.CAIDQDFLDAAGILENEAIDIWNVNVTNGKR.F	33
PHEAT-232	proteomics_heat	146623	146652	-	5	7	K.VTHADLHYEG.S	14
PHEAT-233	proteomics_heat	146623	146658	-	5	4	R.VKVTHADLHYEG.S	16
PHEAT-234	proteomics_heat	148016	148057	-	6	3	R.DADTLLEVSETSKR.A	18
PHEAT-235	proteomics_heat	148019	148057	-	6	6	R.DADTLLEVSETSK.R	17
PHEAT-236	proteomics_heat	148088	148135	-	6	11	R.DLDEIITIAGQELNEK.G	20
PHEAT-237	proteomics_heat	148136	148177	-	6	9	K.VLSSIADKLQAGER.D	18
PHEAT-238	proteomics_heat	148136	148198	-	6	2	K.IAPGLYKVLSSIADKLQAGER.D	25
PHEAT-239	proteomics_heat	148202	148228	-	6	5	R.NGYLTAEQR.K	13
PHEAT-240	proteomics_heat	148229	148252	-	6	5	K.DGLALSSR.N	12
PHEAT-241	proteomics_heat	148229	148258	-	6	6	R.AKDGLALSSR.N	14
PHEAT-242	proteomics_heat	148259	148312	-	6	9	K.MVADMGFDIEIVGVPIMR.A	22
PHEAT-243	proteomics_heat	148316	148387	-	6	6	K.LFNLVQPDIACFGEKDFQQLALIR.K	28
PHEAT-244	proteomics_heat	148316	148390	-	6	2	S.KLFNLVQPDIACFGEKDFQQLALIR.K	29
PHEAT-245	proteomics_heat	148343	148387	-	6	5	K.LFNLVQPDIACFGEK.D	19
PHEAT-246	proteomics_heat	148412	148507	-	6	5	K.EIYPNGTETHTYVDVPLSTMLEGASRPGHFR.G	36
PHEAT-247	proteomics_heat	148508	148540	-	6	4	R.KVDLVFAPSVK.E	15
PHEAT-248	proteomics_heat	148679	148726	-	6	6	R.VALVPTMGNLHDGHMK.L	20
PHEAT-249	proteomics_heat	148810	148866	-	5	6	R.QYMAEVESGVYPGEEHSFH.-	23
PHEAT-250	proteomics_heat	148879	148908	-	5	2	K.NFLAETGDIR.A	14
PHEAT-251	proteomics_heat	148918	149010	-	5	4	I.PVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	35
PHEAT-252	proteomics_heat	148918	149031	-	5	13	R.ITEALAIPIVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	42
PHEAT-253	proteomics_heat	148918	149034	-	5	2	K.RITEALAIPIVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	43
PHEAT-254	proteomics_heat	149035	149082	-	5	8	A.GAQLLVLECVVELAK.R	20
PHEAT-255	proteomics_heat	149035	149136	-	5	120	R.GDEAGDQLLSDALALEAAGAQLLVLECVVELAK.R	38
PHEAT-256	proteomics_heat	149149	149208	-	5	2	V.PVCGHLGLTPQSVNIFGGYK.V	24
PHEAT-257	proteomics_heat	149149	149214	-	5	10	R.AVPVCGHLGLTPQSVNIFGGYK.V	26
PHEAT-258	proteomics_heat	149215	149265	-	5	66	K.IEGGEWLIVETVQMLTER.A	21

PHEAT-259	proteomics_heat	149287	149346	-	5	3	L.PFMAYATPEQAFENAATVMR.A	24
PHEAT-260	proteomics_heat	149287	149349	-	5	4	D.LPFMAYATPEQAFENAATVMR.A	25
PHEAT-261	proteomics_heat	149287	149367	-	5	5	N.CLLLADLPMAYATPEQAFENAATVMR.A	31
PHEAT-262	proteomics_heat	149287	149379	-	5	13	R.GAPNCLLLADLPMAYATPEQAFENAATVMR.A	35
PHEAT-263	proteomics_heat	149287	149382	-	5	5	R.RGAPNCLLLADLPMAYATPEQAFENAATVMR.A	36
PHEAT-264	proteomics_heat	149509	149547	-	5	3	R.FATTITAYDYSFAK.L	17
PHEAT-265	proteomics_heat	149569	149601	-	5	12	V.MKPTTISLLQK.Y	15
PHEAT-266	proteomics_heat	158053	158130	-	5	2	K.IAQESGLTYHDAFALAMNDVLDEACR.S	30
PHEAT-267	proteomics_heat	158284	158334	-	5	2	K.LLCEYHLFQPLFPTITR.Y	21
PHEAT-268	proteomics_heat	158755	158805	-	5	9	R.LAHVMFGPEIIEVATFR.G	21
PHEAT-269	proteomics_heat	158848	158889	-	5	7	K.DFDVTTNATPEQVR.K	18
PHEAT-270	proteomics_heat	158977	159003	-	5	2	R.KDISENALK.V	13
PHEAT-271	proteomics_heat	159025	159093	-	5	2	K.VLSREESEAEQAVARPQVTVIPR.E	27
PHEAT-272	proteomics_heat	160188	160217	-	4	2	R.PTADLCIDCK.T	14
PHEAT-273	proteomics_heat	160188	160229	-	4	5	R.LEARPTADLCIDCK.T	18
PHEAT-274	proteomics_heat	160188	160232	-	4	2	R.RLEARPTADLCIDCK.T	19
PHEAT-275	proteomics_heat	160344	160379	-	4	2	R.AAQEEEFSLRLR.N	16
PHEAT-276	proteomics_heat	160380	160433	-	4	12	R.TVTHMQDEANFPDPVDR.A	22
PHEAT-277	proteomics_heat	160434	160460	-	4	4	R.NQLRDEVDR.T	13
PHEAT-278	proteomics_heat	160482	160580	-	4	14	K.TSSLSILAIAGVEPYQEKPGEEYMNEAQLAHR.R	37
PHEAT-279	proteomics_heat	160482	160583	-	4	9	R.KTSSLSILAIAGVEPYQEKPGEEYMNEAQLAHR.R	38
PHEAT-280	proteomics_heat	174046	174087	-	5	3	K.IIGGGMPVGFAGGR.R	18
PHEAT-281	proteomics_heat	174151	174210	-	5	25	R.ALCDEFGALLIIDEVMTGFR.V	24
PHEAT-282	proteomics_heat	174361	174426	-	5	4	K.AGSGALTLGQPNSPGVPADFAK.Y	26
PHEAT-283	proteomics_heat	174427	174453	-	5	2	H.GHADCLLVK.A	13
PHEAT-284	proteomics_heat	174427	174471	-	5	3	K.FEGCYHGHADCLLVK.A	19
PHEAT-285	proteomics_heat	174511	174552	-	5	2	R.MVNSGTEATMSAIR.L	18
PHEAT-286	proteomics_heat	174553	174600	-	5	2	K.MAQLVTELVPMTDMVR.M	20
PHEAT-287	proteomics_heat	174601	174639	-	5	5	R.GLSFGAPTEMEVK.M	17
PHEAT-288	proteomics_heat	174667	174732	-	5	8	K.AYIDYVGSWGPMLVGHNHPAIR.N	26
PHEAT-289	proteomics_heat	174733	174768	-	5	4	K.ADGAYLYDVDGK.A	16
PHEAT-290	proteomics_heat	174769	174810	-	5	5	R.AFTGVGGTPLFIEK.A	18
PHEAT-291	proteomics_heat	174847	174879	-	5	4	M.SKSENLYSAAR.E	15
PHEAT-292	proteomics_heat	178470	178505	-	4	3	K.QSSLMVESLVQK.L	16
PHEAT-293	proteomics_heat	178506	178574	-	4	4	R.AISDVADQQSHLSFDEFLAVAAK.Q	27
PHEAT-294	proteomics_heat	178575	178613	-	4	2	H.VCHNFNVFVVR.A	17
PHEAT-295	proteomics_heat	178728	178781	-	4	5	K.LIAAAEACIAELNLNAVR.G	22
PHEAT-296	proteomics_heat	178728	178793	-	4	7	K.ADDKLIAAAEACIAELNLNAVR.G	26
PHEAT-297	proteomics_heat	178794	178865	-	4	6	R.YHDADVTAFGYEQQLPGCPAGFK.A	28
PHEAT-298	proteomics_heat	178866	178898	-	4	6	K.VGDIVVSDEAR.Y	15
PHEAT-299	proteomics_heat	178899	178997	-	4	80	K.VAAALGATLLLEHCKPDVIINTGSAGGLAPTLK.V	37
PHEAT-300	proteomics_heat	179103	179147	-	4	14	K.IGIIGAMEEEVTLRLR.D	19
PHEAT-301	proteomics_heat	183724	183753	-	5	3	K.ISEIEADLEK.L	14
PHEAT-302	proteomics_heat	183754	183780	-	5	12	R.HLESVVTNK.I	13
PHEAT-303	proteomics_heat	183829	183864	-	5	3	R.YIIDELDQICQR.D	16
PHEAT-304	proteomics_heat	183865	183894	-	5	2	K.EVQEISPNLR.Y	14

PHEAT-305	proteomics_heat	183865	183933	-	5	3	R.KTVVADGVGQGYKEVQEISPNLR.Y	27
PHEAT-306	proteomics_heat	183895	183930	-	5	2	K.TVVADGVGQGYK.E	16
PHEAT-307	proteomics_heat	183895	183933	-	5	2	R.KTVVADGVGQGYK.E	17
PHEAT-308	proteomics_heat	183964	183987	-	5	2	K.DKGEFFAK.S	12
PHEAT-309	proteomics_heat	184042	184077	-	5	2	K.SLGITNPEEIDR.Y	16
PHEAT-310	proteomics_heat	185135	185158	-	6	2	K.VGINELLR.T	12
PHEAT-311	proteomics_heat	185135	185164	-	6	7	R.GKVGINELLR.T	14
PHEAT-312	proteomics_heat	185186	185215	-	6	2	K.YSLYCAVIVK.K	14
PHEAT-313	proteomics_heat	185216	185269	-	6	20	R.VPAGSVVVSGNLPSKD GK.Y	22
PHEAT-314	proteomics_heat	185225	185269	-	6	8	R.VPAGSVVVSGNLPSK.D	19
PHEAT-315	proteomics_heat	185270	185296	-	6	6	R.ETGEIHYGR.V	13
PHEAT-316	proteomics_heat	185270	185308	-	6	7	R.IYDRETGEIHYGR.V	17
PHEAT-317	proteomics_heat	185387	185485	-	6	78	K.NVHLSGGVIGGVLEPLQANPTIIEDNCFIGAR.S	37
PHEAT-318	proteomics_heat	185486	185590	-	6	11	R.NTVLMPYSYVNIGAYVDEGTMVDTWATVGSCAQIGK.N	39
PHEAT-319	proteomics_heat	185657	185680	-	6	2	K.FADYDEAR.F	12
PHEAT-320	proteomics_heat	185681	185704	-	6	6	R.YFDKVP MK.F	12
PHEAT-321	proteomics_heat	185705	185743	-	6	19	R.INDNQVIEGAESR.Y	17
PHEAT-322	proteomics_heat	185744	185767	-	6	2	K.KAVLLSFR.I	12
PHEAT-323	proteomics_heat	185765	185803	-	6	2	K.IDGQWVTHQWLKK.A	17
PHEAT-324	proteomics_heat	185768	185803	-	6	12	K.IDGQWVTHQWLK.K	16
PHEAT-325	proteomics_heat	185768	185815	-	6	4	R.VAEKIDGQWVTHQWLK.K	20
PHEAT-326	proteomics_heat	185816	185863	-	6	35	R.EAVNQVIALLD SGALR.V	20
PHEAT-327	proteomics_heat	185864	185902	-	6	7	R.AEITPANADTVTR.E	17
PHEAT-328	proteomics_heat	185864	185905	-	6	25	R.RAEITPANADTVTR.E	18
PHEAT-329	proteomics_heat	185906	185947	-	6	30	T.MQQLQNIETA FER.R	18
PHEAT-330	proteomics_heat	186014	186052	-	6	3	R.ALNNELQQEVHQ.R	17
PHEAT-331	proteomics_heat	186017	186055	-	6	2	R.RALNNELQQEVHQ.R	17
PHEAT-332	proteomics_heat	186536	186595	-	6	2	R.HLLQHDL SKPLVLLSPQATR.G	24
PHEAT-333	proteomics_heat	186653	186697	-	6	2	R.MDNIDEALHQIWSR.C	19
PHEAT-334	proteomics_heat	187019	187090	-	6	3	R.GGDHSILGAQDVVHFAELHGLNSR.E	28
PHEAT-335	proteomics_heat	187097	187150	-	6	2	R.LPSTELIFIAALFHDI AK.G	22
PHEAT-336	proteomics_heat	187397	187435	-	6	2	R.HLQQPLCNIP EAR.K	17
PHEAT-337	proteomics_heat	187991	188029	-	6	2	R.YHGTSYNLEPDIK.S	17
PHEAT-338	proteomics_heat	188715	188750	-	4	4	K.DDTIPAIISHDE.-	16
PHEAT-339	proteomics_heat	188715	188753	-	4	3	R.KDDTIPAIISHDE.-	17
PHEAT-340	proteomics_heat	188754	188822	-	4	4	R.SLSAQYEHTIVVTDNGCEILTR.K	27
PHEAT-341	proteomics_heat	188871	188939	-	4	5	R.ETNVVLKPGMTFTIEPMVNAGKK.E	27
PHEAT-342	proteomics_heat	188874	188939	-	4	5	R.ETNVVLKPGMTFTIEPMVNAGK.K	26
PHEAT-343	proteomics_heat	188940	188981	-	4	15	R.GFH EEPQVLHYDSR.E	18
PHEAT-344	proteomics_heat	188982	189008	-	4	7	R.EYCGHGIGR.G	13
PHEAT-345	proteomics_heat	189009	189041	-	4	3	K.FVEAEGFSVVR.E	15
PHEAT-346	proteomics_heat	189093	189125	-	4	3	R.ITQESLYLALR.M	15
PHEAT-347	proteomics_heat	189135	189173	-	4	4	K.MFIVGKPTIMGER.L	17
PHEAT-348	proteomics_heat	189201	189239	-	4	2	K.DGDIVNIDVTVIK.D	17
PHEAT-349	proteomics_heat	189201	189248	-	4	6	K.LLKDGDIVNIDVTVIK.D	20
PHEAT-350	proteomics_heat	189249	189305	-	4	3	K.SVCISINEVVCHGIPDDAK.L	23

PHEAT-351	proteomics_heat	189306	189377	-	4	9	R.ICNDYIVNEQHAVSACLGYHGYPK.S	28
PHEAT-352	proteomics_heat	189378	189449	-	4	17	R.LAAEVLEMIPEYVKPGVSTGELDR.I	28
PHEAT-353	proteomics_heat	190474	190548	-	5	23	R.TAFTYGCSNSAQVQGHSTDCVVVTR.D	29
PHEAT-354	proteomics_heat	207252	207305	-	4	6	A.NTERCLAISSGFFLPIAR.R	22
PHEAT-355	proteomics_heat	213681	213731	-	4	3	K.ITSFSHPEIGTVVSES.-	21
PHEAT-356	proteomics_heat	213750	213794	-	4	14	R.KNVEYLVVEAAGETR.E	19
PHEAT-357	proteomics_heat	213982	214029	-	5	3	K.VLNEMAADDALSEAVR.E	20
PHEAT-358	proteomics_heat	217072	217101	-	5	4	K.TGDIVEYLVK.Q	14
PHEAT-359	proteomics_heat	217135	217164	-	5	4	R.NLDNDDIEYK.Y	14
PHEAT-360	proteomics_heat	217165	217236	-	5	15	K.ERPGVMFADMELIGIPHTIVLGDR.N	28
PHEAT-361	proteomics_heat	217237	217272	-	5	6	R.AQGIEVLLDDRK.E	16
PHEAT-362	proteomics_heat	217321	217386	-	5	7	R.GIVWPDIAIPFQVAILPMNMHK.S	26
PHEAT-363	proteomics_heat	217387	217425	-	5	8	R.VVAAAIEQNYDER.G	17
PHEAT-364	proteomics_heat	217426	217470	-	5	4	R.NQILTMGCYGIGVTR.V	19
PHEAT-365	proteomics_heat	217426	217497	-	5	2	K.ASVQGEDGRNQILTMGCYGIGVTR.V	28
PHEAT-366	proteomics_heat	217516	217554	-	5	7	R.GIEVGHIFQLGTK.Y	17
PHEAT-367	proteomics_heat	217570	217611	-	5	13	R.NVVAGDPSPDGQGR.L	18
PHEAT-368	proteomics_heat	217612	217644	-	5	6	R.DVATPEVADIR.N	15
PHEAT-369	proteomics_heat	217612	217671	-	5	2	K.HYFGINWDRDVATPEVADIR.N	24
PHEAT-370	proteomics_heat	217672	217722	-	5	4	R.TVAAMSDFAAGANIDGK.H	21
PHEAT-371	proteomics_heat	217723	217779	-	5	5	K.APGSLGPNMPIPVIDR.T	23
PHEAT-372	proteomics_heat	217792	217842	-	5	5	K.LPQVASPLTFATEEEIR.A	21
PHEAT-373	proteomics_heat	217792	217851	-	5	3	K.AEKLQVASPLTFATEEEIR.A	24
PHEAT-374	proteomics_heat	217843	217878	-	5	6	R.GDHELNEVKAEK.L	16
PHEAT-375	proteomics_heat	217852	217878	-	5	9	R.GDHELNEVK.A	13
PHEAT-376	proteomics_heat	217879	217923	-	5	2	K.AVEGSSFPQVALLVR.G	19
PHEAT-377	proteomics_heat	217948	217992	-	5	14	K.TIAELVEQFNLPIEK.T	19
PHEAT-378	proteomics_heat	217993	218040	-	5	7	R.AAATQEMTLVDTPNAK.T	20
PHEAT-379	proteomics_heat	218227	218301	-	5	20	K.DAYSFHTSQESLQETYDAMYAAYSK.I	29
PHEAT-380	proteomics_heat	218362	218397	-	5	3	K.QLPLNFYQIQTK.F	16
PHEAT-381	proteomics_heat	218419	218478	-	5	14	R.GERPVLGPTHEEVITDLIR.N	24
PHEAT-382	proteomics_heat	218419	218490	-	5	7	R.FVDRGERPFVLGPTHEEVITDLIR.N	28
PHEAT-383	proteomics_heat	218521	218601	-	5	4	R.EEMNNAAGAEVSMPPVQPADLWQESGR.W	31
PHEAT-384	proteomics_heat	218632	218673	-	5	2	K.LASGLYTWLPTGVR.V	18
PHEAT-385	proteomics_heat	218632	218676	-	5	8	R.KLASGLYTWLPTGVR.V	19
PHEAT-386	proteomics_heat	218692	218739	-	5	6	K.ETPADAEVISHQLMLR.A	20
PHEAT-387	proteomics_heat	218704	218739	-	5	2	K.ETPADAEVISHQL.L	16
PHEAT-388	proteomics_heat	218740	218769	-	5	2	R.TSQYLLSTLK.E	14
PHEAT-389	proteomics_heat	219271	219318	-	5	2	R.STFRPNPIGMSLVELK.E	20
PHEAT-390	proteomics_heat	219636	219695	-	4	4	K.ANAVLLHSCEVTSGTPGCYR.Q	24
PHEAT-391	proteomics_heat	219729	219803	-	4	47	R.DLGEVSGDSCQASNQDSPPSIPTAR.K	29
PHEAT-392	proteomics_heat	219756	219803	-	4	2	R.DLGEVSGDSCQASNQD.S	20
PHEAT-393	proteomics_heat	219804	219845	-	4	3	R.IYTNAEELVGKPF.R.D	18
PHEAT-394	proteomics_heat	219891	219932	-	4	2	R.SPVEPVQSTAPQPK.A	18
PHEAT-395	proteomics_heat	220146	220193	-	4	16	K.FVQAYQSDEVYEAANK.V	20
PHEAT-396	proteomics_heat	220146	220196	-	4	5	K.KFVQAYQSDEVYEAANK.V	21

PHEAT-397	proteomics_heat	220227	220283	-	4	6	K.DGIFVEDKESPYVNLIVTR.E	23
PHEAT-398	proteomics_heat	220260	220283	-	4	3	K.DGIFVEDK.E	12
PHEAT-399	proteomics_heat	220284	220361	-	4	50	R.SLDDAQIALAVINTTYASQIGLTPAK.D	30
PHEAT-400	proteomics_heat	220362	220394	-	4	5	K.IVELEAPQLPR.S	15
PHEAT-401	proteomics_heat	220404	220454	-	4	4	K.DGVGLLPTVLDVVENPK.N	21
PHEAT-402	proteomics_heat	220404	220460	-	4	14	K.LKDGVGLLPTVLDVVENPK.N	23
PHEAT-403	proteomics_heat	220497	220541	-	4	2	D.GSQVAVPNDPTNLGR.S	19
PHEAT-404	proteomics_heat	220497	220562	-	4	26	K.SLDELQDGSQVAVPNDPTNLGR.S	26
PHEAT-405	proteomics_heat	220572	220622	-	4	12	K.LVAVGNTFVYPIAGYSK.K	21
PHEAT-406	proteomics_heat	220572	220625	-	4	2	Y.KLVAVGNTFVYPIAGYSK.K	22
PHEAT-407	proteomics_heat	220632	220694	-	4	10	K.GDIDANAFQHKPYLDQQLKDR.G	25
PHEAT-408	proteomics_heat	220638	220694	-	4	8	K.GDIDANAFQHKPYLDQQLK.D	23
PHEAT-409	proteomics_heat	220695	220766	-	4	30	K.DKYGLDVELVTFNDYVLPNEALSK.G	28
PHEAT-410	proteomics_heat	220776	220826	-	4	23	K.VGVIVGAEQQVAEVAQK.V	21
PHEAT-411	proteomics_heat	221250	221303	-	4	6	R.MVENALLEIPTGLIEASR.A	22
PHEAT-412	proteomics_heat	221638	221721	-	5	7	K.FGIMLTEMHGTQQDTQAAIAWLQEHHVK.V	32
PHEAT-413	proteomics_heat	221722	221778	-	5	3	R.FNVNINIISAQMDYAGGVK.F	23
PHEAT-414	proteomics_heat	221722	221781	-	5	3	R.RFNVINIISAQMDYAGGVK.F	24
PHEAT-415	proteomics_heat	221782	221835	-	5	3	R.LEFTGQSVDAPLLSETAR.R	22
PHEAT-416	proteomics_heat	221878	221928	-	5	5	K.FIQTSLHLDIPEDYQER.L	21
PHEAT-417	proteomics_heat	221947	222027	-	5	5	R.ICDCVAVISNGELIEQDTVSEVFSHPK.T	31
PHEAT-418	proteomics_heat	222115	222165	-	5	6	K.VLLCDEATSALDPATTR.S	21
PHEAT-419	proteomics_heat	222208	222285	-	5	3	R.VTELLSLVGLGDKHDSYPSNLSSGGQK.Q	30
PHEAT-420	proteomics_heat	222208	222288	-	5	3	R.RVTELLSLVGLGDKHDSYPSNLSSGGQK.Q	31
PHEAT-421	proteomics_heat	222292	222354	-	5	2	R.TVFGNVALPLELDNTPKDEVK.R	25
PHEAT-422	proteomics_heat	222355	222399	-	5	2	R.QIGMIFQHFNLLSSR.T	19
PHEAT-423	proteomics_heat	222514	222597	-	5	9	R.TIQALNNVSLHVPAGQIYGVIGASGAGK.S	32
PHEAT-424	proteomics_heat	230534	230593	-	6	2	R.IDAATPVVLHFLMPLIKPFR.E	24
PHEAT-425	proteomics_heat	234213	234263	-	4	3	K.FALSILPHDLSINDYYR.K	21
PHEAT-426	proteomics_heat	234264	234332	-	4	2	K.KLSALPDDTLVCCAHEYTLNMMK.F	27
PHEAT-427	proteomics_heat	239578	239610	-	5	3	R.VGSDGNGCHYR.G	15
PHEAT-428	proteomics_heat	240121	240174	-	5	2	K.ITLLQQPLVWMDGPANLR.H	22
PHEAT-429	proteomics_heat	241081	241143	-	5	5	N.PVGLLEEALVDVIAADPIHQR.I	25
PHEAT-430	proteomics_heat	241081	241173	-	5	23	R.GQYLTPEHNVPVGLLEEALVDVIAADPIHQR.I	35
PHEAT-431	proteomics_heat	241498	241560	-	5	2	R.LSANLALLSDVSMVAVLGGSLK.R	25
PHEAT-432	proteomics_heat	241582	241623	-	5	2	R.GLTSSTPTGDATKR.Y	18
PHEAT-433	proteomics_heat	241792	241848	-	5	2	R.AYQGAPIAITVEGANILTR.S	23
PHEAT-434	proteomics_heat	242233	242280	-	5	2	R.GKDVFPIDYIIGGPK.M	20
PHEAT-435	proteomics_heat	242281	242322	-	5	2	R.HFPLNVPFQNGPTR.G	18
PHEAT-436	proteomics_heat	242422	242469	-	5	2	R.YITLAPIATVLGLAFK.L	20
PHEAT-437	proteomics_heat	246284	246313	-	6	3	K.NSEAGIDVHK.A	14
PHEAT-438	proteomics_heat	246398	246478	-	6	2	R.ARIDEDLKNQAADVLAGMGLTISDLVR.I	31
PHEAT-439	proteomics_heat	254403	254444	-	4	4	N.IQIIHAGLECGLFK.K	18
PHEAT-440	proteomics_heat	254403	254453	-	4	13	K.TPNIQIIHAGLECGLFK.K	21
PHEAT-441	proteomics_heat	254403	254465	-	4	6	R.LFNKTPNIQIIHAGLECGLFK.K	25
PHEAT-442	proteomics_heat	254481	254537	-	4	2	K.GAYPGWQPDANSPVMHLVR.E	23

PHEAT-443	proteomics_heat	254565	254621	-	4	15	R.SLIDSGKDYVVSMLDSLK.L	23
PHEAT-444	proteomics_heat	254718	254750	-	4	3	R.LLNATPNGVIR.N	15
PHEAT-445	proteomics_heat	254772	254828	-	4	2	K.NLALLLDSVANDKAALIAK.S	23
PHEAT-446	proteomics_heat	254790	254828	-	4	6	K.NLALLLDSVANDK.A	17
PHEAT-447	proteomics_heat	254790	254834	-	4	2	K.EKNLALLLDSVANDK.A	19
PHEAT-448	proteomics_heat	254829	254885	-	4	6	K.SLVNTYQEILKNELAEKEK.N	23
PHEAT-449	proteomics_heat	254835	254885	-	4	4	K.SLVNTYQEILKNELAEK.E	21
PHEAT-450	proteomics_heat	254886	254936	-	4	6	R.EAFATIAVAADKVDVLK.S	21
PHEAT-451	proteomics_heat	254952	254981	-	4	2	R.LIDFNGGTLR.N	14
PHEAT-452	proteomics_heat	254982	255017	-	4	5	R.FLAGHAEELDLR.L	16
PHEAT-453	proteomics_heat	255030	255080	-	4	4	K.GGHSGGEIHVGLGNANK.L	21
PHEAT-454	proteomics_heat	255399	255467	-	4	3	K.NNDTVHDFTKDPIQPYIDGEWVK.A	27
PHEAT-455	proteomics_heat	255468	255512	-	4	2	R.KPVVLQAHLDMPVQK.N	19
PHEAT-456	proteomics_heat	255513	255542	-	4	3	R.KPATAGMENR.K	14
PHEAT-457	proteomics_heat	255594	255662	-	4	26	K.ICSHIPPSYHEEQLAEYIVGWAK.E	27
PHEAT-458	proteomics_heat	255663	255713	-	4	4	V.SELSQLSPQPLWDIFAK.I	21
PHEAT-459	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-460	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-461	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-462	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-463	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-464	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-465	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-466	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-467	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-468	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-469	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-470	proteomics_heat	273949	273978	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-471	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-472	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-473	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-474	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-475	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-476	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-477	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-478	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-479	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-480	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-481	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-482	proteomics_heat	274120	274149	-	5	2	R.RPYPLETMLR.I	14
PHEAT-483	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-484	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-485	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-486	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-487	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-488	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24

PHEAT-489	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-490	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-491	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-492	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-493	proteomics_heat	274165	274224	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-494	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-495	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-496	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-497	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-498	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-499	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-500	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-501	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-502	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-503	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-504	proteomics_heat	274261	274302	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-505	proteomics_heat	284741	284827	-	6	2	R.VRSTSSPISGSVTASSTRETKNSVPIIPA.D	33
PHEAT-506	proteomics_heat	287790	287837	-	4	3	R.EQGYALDSEENEQGV.R.C	20
PHEAT-507	proteomics_heat	288669	288719	-	4	9	K.FLHCLPAFHDDQTTLGK.Q	21
PHEAT-508	proteomics_heat	288669	288719	-	4	9	K.FLHCLPAFHDDQTTLGK.Q	21
PHEAT-509	proteomics_heat	288720	288773	-	4	7	R.GYQVNAQMMALTDNPNVK.F	22
PHEAT-510	proteomics_heat	288906	288959	-	4	3	K.ACWPPEESLVAECSALAEK.H	22
PHEAT-511	proteomics_heat	288975	289031	-	4	20	R.NNMGNMMLAAAALTGLDLR.L	23
PHEAT-512	proteomics_heat	288975	289031	-	4	20	R.NNMGNMMLAAAALTGLDLR.L	23
PHEAT-513	proteomics_heat	289032	289073	-	4	6	K.AFNEMTLVYAGDAR.N	18
PHEAT-514	proteomics_heat	289032	289073	-	4	6	K.AFNEMTLVYAGDAR.N	18
PHEAT-515	proteomics_heat	289209	289232	-	4	3	R.MYDGIQYR.G	12
PHEAT-516	proteomics_heat	289209	289232	-	4	3	R.MYDGIQYR.G	12
PHEAT-517	proteomics_heat	289245	289268	-	4	4	K.ESIKDTAR.V	12
PHEAT-518	proteomics_heat	289245	289268	-	4	4	K.ESIKDTAR.V	12
PHEAT-519	proteomics_heat	289269	289310	-	4	13	R.VTYLGPSPGSQIGHK.E	18
PHEAT-520	proteomics_heat	289269	289310	-	4	13	R.VTYLGPSPGSQIGHK.E	18
PHEAT-521	proteomics_heat	289437	289496	-	4	26	K.LLDFTPAQFTSLLTLAAQLK.A	24
PHEAT-522	proteomics_heat	295031	295120	-	6	3	R.SFGTLAEWVEVPTGIVAQIMGHKPSALAEK.H	34
PHEAT-523	proteomics_heat	295241	295315	-	6	3	R.IIPLTPYVSELLNVLAQSPNSDVNK.E	29
PHEAT-524	proteomics_heat	295403	295462	-	6	4	R.SLNNPIASAYLQVLLLTGAR.R	24
PHEAT-525	proteomics_heat	311676	311705	-	4	2	K.ERHPDCQIVK.R	14
PHEAT-526	proteomics_heat	311822	311845	-	6	2	K.SHPFYTGK.L	12
PHEAT-527	proteomics_heat	311846	311902	-	6	56	R.EIELDGVITYPYVTIDVSSK.S	23
PHEAT-528	proteomics_heat	311846	311911	-	6	4	K.TDREIELDGVITYPYVTIDVSSK.S	26
PHEAT-529	proteomics_heat	311903	311929	-	6	2	K.IGSTIKTDR.E	13
PHEAT-530	proteomics_heat	311930	311971	-	6	19	R.TVVFHDTSVDEYFK.I	18
PHEAT-531	proteomics_heat	319028	319069	-	6	3	K.TLVHDAQHTDFVR.A	18
PHEAT-532	proteomics_heat	326680	326736	-	5	2	R.ANDTDYGLAAGIVTADLNR.A	23
PHEAT-533	proteomics_heat	326803	326880	-	5	3	K.GDGFNDGAWVAPTFTDCSDDMTIVR.E	30
PHEAT-534	proteomics_heat	326956	327015	-	5	3	R.AGDVFDQPQTNFGPLVSFPHR.D	24

PHEAT-535	proteomics_heat	327286	327396	-	5	2	K.LAEIYSEAGLPDGVFNVLPGVGAETGGYLTEHPGIAK.V	41
PHEAT-536	proteomics_heat	327397	327471	-	5	2	K.SAPALAAGNAMIFKPSEVTPLTALK.L	29
PHEAT-537	proteomics_heat	327472	327540	-	5	3	R.REPLGVVAGIGAWNYPIQIALWK.S	27
PHEAT-538	proteomics_heat	327892	327948	-	5	3	R.MAEQQLYIHGGYTSATSGR.T	23
PHEAT-539	proteomics_heat	337178	337195	-	6	24	G.EVVIK.V	10
PHEAT-540	proteomics_heat	347437	347505	-	5	3	R.KKLANERCDAIIAAGSNGAYLKS.R	27
PHEAT-541	proteomics_heat	365865	365945	-	4	2	R.VGADISVVGYYDDTEDSSCYIPPLTTIK.Q	31
PHEAT-542	proteomics_heat	366636	366668	-	4	7	R.VVNQASHVSAK.T	15
PHEAT-543	proteomics_heat	367459	367497	-	5	2	R.RLLETLQEEGYVR.R	17
PHEAT-544	proteomics_heat	377179	377226	-	5	3	R.NELPDLVMHHFPATAK.K	20
PHEAT-545	proteomics_heat	377245	377340	-	5	2	R.GSHVADADRYDLGQGAGFYLNATQAPWNEHYK.M	36
PHEAT-546	proteomics_heat	377341	377391	-	5	2	R.YAAEHNIIVVAPDTSR.G	21
PHEAT-547	proteomics_heat	377713	377799	-	5	3	K.GDIDLEPFVTHMSLDEINDAFDLMHEGK.S	33
PHEAT-548	proteomics_heat	377875	377958	-	5	6	R.GWGQSVIIGVAVAGQEISTRPFQLVTGR.V	32
PHEAT-549	proteomics_heat	377959	377982	-	5	3	R.AALESAGR.G	12
PHEAT-550	proteomics_heat	377983	378033	-	5	6	K.WGIDHTFECIGNVVMR.A	21
PHEAT-551	proteomics_heat	378034	378108	-	5	3	R.FGATDCINPNYDKPIKDVLLDINK.W	29
PHEAT-552	proteomics_heat	378034	378111	-	5	5	R.RFGATDCINPNYDKPIKDVLLDINK.W	30
PHEAT-553	proteomics_heat	378058	378111	-	5	2	R.RFGATDCINPNYDKPIK.D	22
PHEAT-554	proteomics_heat	378175	378246	-	5	18	K.VQPGDSVAVFGLGAIGLAVVQGAR.Q	28
PHEAT-555	proteomics_heat	378247	378333	-	5	3	K.INPEANHEHVCLLGCQVTTGIGAVHNTAK.V	33
PHEAT-556	proteomics_heat	378845	378886	-	6	3	R.EVSQSVDDTIELVR.A	18
PHEAT-557	proteomics_heat	387989	388042	-	6	8	R.AGADLIFSYPALDLAEKK.I	22
PHEAT-558	proteomics_heat	387992	388042	-	6	7	R.AGADLIFSYPALDLAEK.K	21
PHEAT-559	proteomics_heat	388043	388111	-	6	5	K.FAALAGAIDEEKVVLESLSIKR.A	27
PHEAT-560	proteomics_heat	388046	388111	-	6	8	K.FAALAGAIDEEKVVLESLSIKR.R	26
PHEAT-561	proteomics_heat	388112	388165	-	6	5	R.TELPIGAYQVSGEYAMIK.F	22
PHEAT-562	proteomics_heat	388181	388258	-	6	7	R.ESLLDEAQQADCLMVKPAGAYLDIVR.E	30
PHEAT-563	proteomics_heat	388304	388336	-	6	7	R.EAAGSALKGDR.K	15
PHEAT-564	proteomics_heat	388367	388423	-	6	2	R.QALDAAGFKDTAIMSYSTK.F	23
PHEAT-565	proteomics_heat	388424	388504	-	6	2	K.QAVVAAAAGADFIAPSAAMDGQVQAIR.Q	31
PHEAT-566	proteomics_heat	388649	388729	-	6	3	R.SVMTFGISHHTDETGSDAWREDGLVAR.M	31
PHEAT-567	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-568	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-569	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-570	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-571	proteomics_heat	391994	392050	-	6	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-572	proteomics_heat	394822	394857	-	5	2	K.DTTYTPSPDQCR.R	16
PHEAT-573	proteomics_heat	395080	395148	-	5	2	R.VPTYNGTPITLVNLATHTSALPR.E	27
PHEAT-574	proteomics_heat	399113	399157	-	6	2	K.LWQASGLGYTDLITR.L	19
PHEAT-575	proteomics_heat	399158	399247	-	6	6	R.VDVFLTPEVNVINEINTLPGFTNISMYPK.L	34
PHEAT-576	proteomics_heat	399248	399298	-	6	4	R.AIAVQAYQTLGCAGMAR.V	21
PHEAT-577	proteomics_heat	399557	399616	-	6	2	K.LGLPLFVKPANQGSVGVSK.V	24
PHEAT-578	proteomics_heat	399617	399649	-	6	4	R.HNISFAEVESK.L	15
PHEAT-579	proteomics_heat	399659	399700	-	6	2	R.DAGLNIAPFITLTR.A	18
PHEAT-580	proteomics_heat	400073	400108	-	6	5	K.SAEHEVSLQSAK.N	16

PHEAT-581	proteomics_heat	404095	404121	-	5	2	R.AAVIEAMTK.C	13
PHEAT-582	proteomics_heat	404146	404190	-	5	4	K.DMVCSPGGTTIEAVR.V	19
PHEAT-583	proteomics_heat	404146	404229	-	5	3	K.MVLETGEHPGALKDMVCSPGGTTIEAVR.V	32
PHEAT-584	proteomics_heat	404191	404229	-	5	5	K.MVLETGEHPGALK.D	17
PHEAT-585	proteomics_heat	404230	404262	-	5	2	K.FAAQAVMGSAK.M	15
PHEAT-586	proteomics_heat	404413	404517	-	5	5	R.AMPNTPALVNAGMTSVTPNALVTPEDTADVLNIFR.C	39
PHEAT-587	proteomics_heat	404548	404601	-	5	6	K.DSLVVSIAAGVTL DQLAR.A	22
PHEAT-588	proteomics_heat	404548	404634	-	5	3	K.VLSEITSSLNKDSL VVSIAAGVTL DQLAR.A	33
PHEAT-589	proteomics_heat	404635	404745	-	5	7	K.VAALHDQFGINA AESAQEVAQIADIIFA AVKPGIMIK.V	41
PHEAT-590	proteomics_heat	404746	404823	-	5	3	K.AILGGLIASGQVLP GQI WVYTPSPDK.V	30
PHEAT-591	proteomics_heat	404824	404856	-	5	4	K.IGFIGCGNM GK.A	15
PHEAT-592	proteomics_heat	404824	404859	-	5	2	K.KIGFIGCGNM GK.A	16
PHEAT-593	proteomics_heat	408563	408613	-	6	5	K.KQDLTSEEITNHIEAGK.V	21
PHEAT-594	proteomics_heat	408701	408775	-	6	31	K.SLGSLPVVPLSMENPIELTLTEWVR.S	29
PHEAT-595	proteomics_heat	408701	408778	-	6	8	R.KSLGSLPVVPLSMENPIELTLTEWVR.S	30
PHEAT-596	proteomics_heat	408779	408808	-	6	2	K.KAEDTLALLR.K	14
PHEAT-597	proteomics_heat	408890	408931	-	6	4	K.DSLKDEVLHSL LPR.A	18
PHEAT-598	proteomics_heat	409037	409117	-	6	2	K.MGWVPPMGSHSDAL THVANGQIVICAR.K	31
PHEAT-599	proteomics_heat	409118	409168	-	6	4	K.QLASMAFTPCGSQDMAK.M	21
PHEAT-600	proteomics_heat	412428	412463	-	4	3	K.LRENTTSQGEIR.Q	16
PHEAT-601	proteomics_heat	415601	415666	-	6	2	K.LRGDQPLPIATGH LTTVGASK.S	26
PHEAT-602	proteomics_heat	430398	430469	-	4	4	R.YWHDGGQWND DAELNFGNGFNVR.S	28
PHEAT-603	proteomics_heat	430398	430502	-	4	2	N.YDHWHSV VARYWHDGGQWND DAELNFGNGFNVR.S	39
PHEAT-604	proteomics_heat	430680	430733	-	4	2	K.YQWQNYGAANEN EWGGR.F	22
PHEAT-605	proteomics_heat	430734	430814	-	4	16	R.QSTWYMGLGTDID TGLPMSLSMN VYAK.Y	31
PHEAT-606	proteomics_heat	430830	430856	-	4	2	A.NNYIYDMGR.N	13
PHEAT-607	proteomics_heat	430830	430871	-	4	2	K.EWYFANNYIYDMGR.N	18
PHEAT-608	proteomics_heat	430857	430907	-	4	4	K.LTNTDLSFGPFKEWYFA.N	21
PHEAT-609	proteomics_heat	430872	430922	-	4	3	R.FSIDKLTNTDLSFG PFK.E	21
PHEAT-610	proteomics_heat	430923	430970	-	4	9	K.GIWNHGSPLFMEIEPR.F	20
PHEAT-611	proteomics_heat	430971	431036	-	4	2	K.DWFDYGYADAPV FFGNSDAK.G	26
PHEAT-612	proteomics_heat	430971	431039	-	4	8	K.KDWFDYGYADAPV FFGNSDAK.G	27
PHEAT-613	proteomics_heat	431037	431075	-	4	2	R.NDTYLEYEAFAKK.D	17
PHEAT-614	proteomics_heat	431040	431075	-	4	3	R.NDTYLEYEAFAK.K	16
PHEAT-615	proteomics_heat	431094	431171	-	4	8	A.AENDKPQYLSDW WHQSVNVVGSYHTR.F	30
PHEAT-616	proteomics_heat	436128	436193	-	4	6	R.LPHIQNTENHKPGGNLPVIGR.Q	26
PHEAT-617	proteomics_heat	436601	436636	-	6	2	K.ESDENDAQIAER.L	16
PHEAT-618	proteomics_heat	436673	436705	-	6	3	R.LTRPWGETTAR.L	15
PHEAT-619	proteomics_heat	436844	436903	-	6	3	R.YIGASSMHASQFAQALELQK.Q	24
PHEAT-620	proteomics_heat	436919	436975	-	6	3	R.WDYNTPIEETLEALNDVVK.A	23
PHEAT-621	proteomics_heat	437096	437122	-	6	4	R.REDEVVATK.V	13
PHEAT-622	proteomics_heat	437144	437221	-	6	2	R.ALEGGINFFDTANSYSDGSSEEIVGR.A	30
PHEAT-623	proteomics_heat	437599	437670	-	5	3	R.KPVPVLNIGLPDFFIPQGTQEEMR.A	28
PHEAT-624	proteomics_heat	438079	438141	-	5	2	R.AGIVGADGQTHQGAFDLSYLR.C	25
PHEAT-625	proteomics_heat	438169	438207	-	5	6	R.AYDQVLHDVAIQK.L	17
PHEAT-626	proteomics_heat	438493	438543	-	5	4	R.GYEPAEKDPITFHAVPK.F	21

PHEAT-627	proteomics_heat	439435	439500	-	5	2	K.QLAEQSLDTSALEALADYIIQR.N	26
PHEAT-628	proteomics_heat	439912	440013	-	5	2	K.FGEANAILAGDALQTLAFSILSDADMPEVSDRDR.I	38
PHEAT-629	proteomics_heat	440191	440265	-	5	5	R.FIAPLPFQNTPVVETMQYGALLGGK.R	29
PHEAT-630	proteomics_heat	440445	440495	-	4	5	R.LESGDLPLEEALNEFER.G	21
PHEAT-631	proteomics_heat	440496	440528	-	4	3	K.ALSELEQIVTR.L	15
PHEAT-632	proteomics_heat	442473	442565	-	4	5	R.IVAAICAAPATVLVPHDIFPIGNMTGFPTLK.D	35
PHEAT-633	proteomics_heat	442635	442709	-	4	7	K.LLADAPLVEVADGEYDVIVLPGGIK.G	29
PHEAT-634	proteomics_heat	442719	442772	-	4	2	K.VTTASVASDGNLAITCSR.G	22
PHEAT-635	proteomics_heat	442900	442932	-	5	3	R.AHGIAVPENTR.L	15
PHEAT-636	proteomics_heat	442942	442980	-	5	4	R.HTEIDYINGFLLR.R	17
PHEAT-637	proteomics_heat	443146	443211	-	5	2	K.LAVNCVINPLTAIWNCPNGELR.H	26
PHEAT-638	proteomics_heat	443146	443214	-	5	2	R.KLAVNCVINPLTAIWNCPNGELR.H	27
PHEAT-639	proteomics_heat	443311	443367	-	5	4	R.DGNVIIHVANGITHIGPAR.Q	23
PHEAT-640	proteomics_heat	447898	447930	-	5	10	K.LENQHFDEITK.A	15
PHEAT-641	proteomics_heat	448105	448140	-	5	2	K.KPDHYEEIHMPK.N	16
PHEAT-642	proteomics_heat	448183	448227	-	5	2	P.PPFYFNAVVPVHER.D	19
PHEAT-643	proteomics_heat	448183	448230	-	5	2	S.PPFYFNAVVPVHER.D	20
PHEAT-644	proteomics_heat	448183	448254	-	5	33	R.TLEWATSSPPFYFNAVVPVHER.D	28
PHEAT-645	proteomics_heat	449890	449976	-	5	5	K.SMDMTQPEGEHSAHEGMEGMDMSHAESA.-	33
PHEAT-646	proteomics_heat	449995	450036	-	5	3	F.SNVKPDFADVINK.F	18
PHEAT-647	proteomics_heat	449995	450075	-	5	12	K.LAAPSEYNQVEYFSNVKPDFADVINK.F	31
PHEAT-648	proteomics_heat	450076	450117	-	5	3	K.QSPNTMSDMAAFEK.L	18
PHEAT-649	proteomics_heat	450076	450123	-	5	3	K.AKQSPNTMSDMAAFEK.L	20
PHEAT-650	proteomics_heat	450124	450150	-	5	5	R.AAFDQWVAK.A	13
PHEAT-651	proteomics_heat	450178	450258	-	5	16	R.LHLIANEPGTYDGISASYSGPGFSGMK.F	31
PHEAT-652	proteomics_heat	450259	450300	-	5	13	R.LGSQIYAMAGMQTR.L	18
PHEAT-653	proteomics_heat	450301	450342	-	5	6	K.VTSNSVMNSFFIPR.L	18
PHEAT-654	proteomics_heat	452828	452911	-	6	34	K.NIADAVNSVLTDTIADMSQDTSIHEFIK.Q	32
PHEAT-655	proteomics_heat	453032	453118	-	6	56	R.GYMGVGNPVPVNLQIIVSPLYADVSQGNVR.Y	33
PHEAT-656	proteomics_heat	453032	453157	-	6	3	F.LLQEVLEKQMTARGYMGVGNPVPVNLQIIVSPLYADVSQGNVR.Y	46
PHEAT-657	proteomics_heat	453134	453160	-	6	2	R.FLLQEVLEK.Q	13
PHEAT-658	proteomics_heat	453170	453202	-	6	7	R.DNQIVTLTASR.D	15
PHEAT-659	proteomics_heat	464097	464153	-	4	6	R.ANGLNHVLADKPTVMAAMK.Q	23
PHEAT-660	proteomics_heat	464154	464192	-	4	3	K.GDGCCHCAACNLR.A	17
PHEAT-661	proteomics_heat	464154	464225	-	4	2	R.NETLTCYNGFKGDGCCHCAACNLR.A	28
PHEAT-662	proteomics_heat	464316	464351	-	4	5	K.ALNHAVSLGMAK.D	16
PHEAT-663	proteomics_heat	464475	464543	-	4	15	R.DSIPVPDYEPEADGIPNTFVPGR.N	27
PHEAT-664	proteomics_heat	464544	464594	-	4	4	K.VLDVTLNLAIVSSLTR.D	21
PHEAT-665	proteomics_heat	474116	474139	-	6	3	R.DGNSFSAR.R	12
PHEAT-666	proteomics_heat	474140	474172	-	6	2	K.KPIIYDVETLR.D	15
PHEAT-667	proteomics_heat	474338	474367	-	6	2	K.NLLTLLNLEK.I	14
PHEAT-668	proteomics_heat	476513	476563	-	6	2	T.GYSSLSYLQDLVDVILK.I	21
PHEAT-669	proteomics_heat	478609	478650	-	5	5	K.DVPDNVVVGGNPAR.I	18
PHEAT-670	proteomics_heat	479383	479442	-	5	2	K.NKYELSDNELAVFYSAADHR.L	24
PHEAT-671	proteomics_heat	481444	481503	-	5	4	K.HPDMMLTSVRPNGLEDTPQFK.I	24
PHEAT-672	proteomics_heat	481678	481731	-	5	2	K.DWADRPGEENKVEAITMR.A	22

PHEAT-673	proteomics_heat	481732	481767	-	5	2	R.GQNTGIAFVSLK.D	16
PHEAT-674	proteomics_heat	481768	481824	-	5	2	K.EKNNVESVFAVNGFGFAGR.G	23
PHEAT-675	proteomics_heat	481825	481860	-	5	4	K.VLNEVTHYYLTK.E	16
PHEAT-676	proteomics_heat	482752	482826	-	5	2	K.IELGGENYDIIAEFNGQPASGLGIK.L	29
PHEAT-677	proteomics_heat	482911	482949	-	5	3	K.GQQLNASIIAQTR.L	17
PHEAT-678	proteomics_heat	482911	482949	-	5	3	K.GQQLNASIIAQTR.L	17
PHEAT-679	proteomics_heat	482950	483003	-	5	4	K.AQNAQVAAGQLGGTPPVK.G	22
PHEAT-680	proteomics_heat	483004	483042	-	5	2	K.FQLTPVDVITAIK.A	17
PHEAT-681	proteomics_heat	483073	483123	-	5	3	R.TSGVGDVQLFGSQYAMR.I	21
PHEAT-682	proteomics_heat	483235	483297	-	5	4	K.LQLAMPLLPQEVQQQGVSVK.S	25
PHEAT-683	proteomics_heat	483653	483721	-	6	24	K.AQEVTDANNQQAASGAQPEQSKS.-	27
PHEAT-684	proteomics_heat	483656	483721	-	6	13	K.AQEVTDANNQQAASGAQPEQSK.S	26
PHEAT-685	proteomics_heat	483746	483769	-	6	4	R.VVISGLQK.V	12
PHEAT-686	proteomics_heat	483806	483850	-	6	3	K.VETRPIVASQAIGDK.W	19
PHEAT-687	proteomics_heat	483806	483889	-	6	4	R.GDATVLVVGADDKVETRPIVASQAIGDK.W	32
PHEAT-688	proteomics_heat	483899	483955	-	6	4	R.LEEGLNPNAILVPQQGVTR.T	23
PHEAT-689	proteomics_heat	483899	483961	-	6	7	R.ARLEEGLNPNAILVPQQGVTR.T	25
PHEAT-690	proteomics_heat	483962	484012	-	6	5	R.AIFPNPDHTLLPGMFVR.A	21
PHEAT-691	proteomics_heat	484121	484168	-	6	4	R.LKQELANGLTKQENGK.A	20
PHEAT-692	proteomics_heat	484136	484168	-	6	5	R.LKQELANGLTK.Q	15
PHEAT-693	proteomics_heat	484169	484285	-	6	3	K.SNVTEGALVQNGQATALATVQQLDPIYVDVTQSSNDFLR.L	43
PHEAT-694	proteomics_heat	484361	484396	-	6	2	D.AQQANAAVTAAK.A	16
PHEAT-695	proteomics_heat	484361	484423	-	6	5	K.QEYDQALADAQQANAAVTAAK.A	25
PHEAT-696	proteomics_heat	484460	484501	-	6	5	K.AQAAANIAQLTVNR.Y	18
PHEAT-697	proteomics_heat	484517	484552	-	6	3	D.PATYQATYDSAK.G	16
PHEAT-698	proteomics_heat	484517	484597	-	6	17	K.EGSDIEAGVSLYQIDPATYQATYDSAK.G	31
PHEAT-699	proteomics_heat	484610	484651	-	6	2	R.IAEVRPQVSGIILK.R	18
PHEAT-700	proteomics_heat	484667	484705	-	6	3	K.TEPLQITTELPGR.T	17
PHEAT-701	proteomics_heat	485795	485842	-	6	6	F.WHNKTKTKAINAEKTK.C	20
PHEAT-702	proteomics_heat	489596	489631	-	6	2	R.VTDLVEQQLHR.E	16
PHEAT-703	proteomics_heat	489773	489853	-	6	3	R.HAVEQQQLPQVAWLAEHLAAQLEAIAR.E	31
PHEAT-704	proteomics_heat	489854	489910	-	6	2	R.ATTLQACLDEAGDNLAALR.H	23
PHEAT-705	proteomics_heat	500636	500707	-	6	2	E.PNARCGVNALSGLRTDDNLTIPVR.L	28
PHEAT-706	proteomics_heat	500882	500920	-	6	4	R.AHYDDEVAYITER.G	17
PHEAT-707	proteomics_heat	500921	500953	-	6	2	R.AKNPDIEIAR.A	15
PHEAT-708	proteomics_heat	501113	501157	-	6	3	K.LLASDIPLVVIETSR.T	19
PHEAT-709	proteomics_heat	505869	505907	-	4	2	R.GLDIELAAGDLAK.I	17
PHEAT-710	proteomics_heat	505908	505976	-	4	3	K.RLPTIIDAPAQEFATIYVSGGK.R	27
PHEAT-711	proteomics_heat	505911	505973	-	4	2	R.LPTIIDAPAQEFATIYVSGGK.R	25
PHEAT-712	proteomics_heat	505911	505976	-	4	2	K.RLPTIIDAPAQEFATIYVSGGK.R	26
PHEAT-713	proteomics_heat	505911	505979	-	4	3	K.KRLPTIIDAPAQEFATIYVSGGK.R	27
PHEAT-714	proteomics_heat	505980	506024	-	4	3	R.STGYLVGGISPLGQK.K	19
PHEAT-715	proteomics_heat	506025	506060	-	4	6	K.KVEMADPMVAQR.S	16
PHEAT-716	proteomics_heat	506085	506135	-	4	2	K.HLAVAVTPVAGQLDLKK.V	21
PHEAT-717	proteomics_heat	506088	506135	-	4	3	K.HLAVAVTPVAGQLDLK.K	20
PHEAT-718	proteomics_heat	506169	506201	-	4	2	K.KLGLNPDQVYK.T	15

PHEAT-719	proteomics_heat	506199	506270	-	4	5	K.ISFQIHTYEHDPAETNFGDEVVKK.L	28
PHEAT-720	proteomics_heat	506202	506270	-	4	2	K.ISFQIHTYEHDPAETNFGDEVVK.K	27
PHEAT-721	proteomics_heat	508300	508341	-	5	2	R.HSLMGVADALAI.SR.A	18
PHEAT-722	proteomics_heat	508549	508599	-	5	3	R.LVMLTGDNPPTANAIK.E	21
PHEAT-723	proteomics_heat	508756	508842	-	5	3	R.GLVSGEAEHALLLGNQALLNEQQVGTK.A	33
PHEAT-724	proteomics_heat	508906	508950	-	5	11	R.LAAALEQGSSHPLAR.A	19
PHEAT-725	proteomics_heat	508987	509031	-	5	4	K.TGTLTEGKPVVAVK.T	19
PHEAT-726	proteomics_heat	509362	509397	-	5	8	R.ASAVGSHTT.LSR.I	16
PHEAT-727	proteomics_heat	509398	509457	-	5	3	K.GEGDSVHAGTVVQDGSVLFR.A	24
PHEAT-728	proteomics_heat	509560	509601	-	5	2	K.SVPLAEVQPGMLLR.L	18
PHEAT-729	proteomics_heat	509735	509809	-	6	6	A.LFDERQPVAAVVPDGSATSLLR.SQR.D	29
PHEAT-730	proteomics_heat	510094	510135	-	5	2	K.AGYGAEAIEDDAK.R	18
PHEAT-731	proteomics_heat	510097	510135	-	5	2	K.AGYGAEAIEDDAK.R	17
PHEAT-732	proteomics_heat	510136	510192	-	5	3	R.TALVMGSASPQDLVQAVEK.A	23
PHEAT-733	proteomics_heat	510397	510432	-	5	5	K.QAGYDASVSHPK.A	16
PHEAT-734	proteomics_heat	510433	510537	-	5	2	K.ESLEQRPDVEQADVSITEAHVTGTASAEQLIETIK.Q	39
PHEAT-735	proteomics_heat	510433	510543	-	5	8	R.VKESLEQRPDVEQADVSITEAHVTGTASAEQLIETIK.Q	41
PHEAT-736	proteomics_heat	510547	510600	-	5	6	M.SQTIDLTDGLSCGHCVK.R	22
PHEAT-737	proteomics_heat	514110	514178	-	4	7	K.VVMMPLEASSLMGSIAGIAELVK.D	27
PHEAT-738	proteomics_heat	514467	514517	-	4	6	R.DVRPPAELISSMNAQMK.A	21
PHEAT-739	proteomics_heat	516682	516735	-	5	7	K.TFQEILAAALGTGDALASK.Y	22
PHEAT-740	proteomics_heat	516682	516738	-	5	10	R.KTFQEILAAALGTGDALASK.Y	23
PHEAT-741	proteomics_heat	516739	516768	-	5	12	K.DLTAADGQTR.K	14
PHEAT-742	proteomics_heat	516739	516771	-	5	3	R.KDLTAADGQTR.K	15
PHEAT-743	proteomics_heat	516769	516810	-	5	10	R.NEEALELLFGHLR.K.D	18
PHEAT-744	proteomics_heat	516772	516810	-	5	10	R.NEEALELLFGHLR.K	17
PHEAT-745	proteomics_heat	516811	516921	-	5	3	K.QAADTPEIQQLQQQVAENPEDAALATQLALQLHQVGR.N	41
PHEAT-746	proteomics_heat	517195	517275	-	5	4	R.AIPTVYLFQNGQPVDGFGQPPEAIR.A	31
PHEAT-747	proteomics_heat	517276	517323	-	5	3	K.LDCDAEQMIAAQFGLR.A	20
PHEAT-748	proteomics_heat	517324	517401	-	5	10	R.SQHCLQLTPILES LAAQYNGQFILAK.L	30
PHEAT-749	proteomics_heat	518753	518809	-	6	4	K.TSVVNASISGDTSQQGLAR.L	23
PHEAT-750	proteomics_heat	523129	523206	-	5	4	P.APSVTPVISPASRRYVSVRPK.R	30
PHEAT-751	proteomics_heat	530073	530141	-	4	3	R.SHIVQSWLHAAGIDYPLVEGGYK.A	27
PHEAT-752	proteomics_heat	542752	542802	-	5	2	R.IHYEGMDDVILLDFLPK.E	21
PHEAT-753	proteomics_heat	542803	542865	-	5	2	R.YVPVEGYAPWLVSNGASELER.I	25
PHEAT-754	proteomics_heat	543109	543162	-	5	2	K.NIIPGFENC DATILSTPK.L	22
PHEAT-755	proteomics_heat	543163	543204	-	5	3	K.HGNFALLTPDGLVK.N	18
PHEAT-756	proteomics_heat	550837	550875	-	5	5	K.VGHLNLTDSDTSR.L	17
PHEAT-757	proteomics_heat	550930	551025	-	5	5	R.AITDLPLPQPVVNNP.SVMINLIGSDVNYDWLK.L	36
PHEAT-758	proteomics_heat	551248	551313	-	5	5	R.GFDGSTVFYPLTHNLHQDGILR.T	26
PHEAT-759	proteomics_heat	551509	551550	-	5	3	K.LHLPTAPWQLLAER.S	18
PHEAT-760	proteomics_heat	551509	551565	-	5	2	K.QLFDKHLHLPTAPWQLLAER.S	23
PHEAT-761	proteomics_heat	551605	551625	-	5	2	R.HPAFVNR.D	11
PHEAT-762	proteomics_heat	551662	551766	-	5	2	R.QAGEPLGIAVWPVGLDAEPAAVPFQSVITAEIER.W	39
PHEAT-763	proteomics_heat	551826	551864	-	4	5	K.AQTDEVLENPDPR.G	17
PHEAT-764	proteomics_heat	551826	551867	-	4	4	R.KAQTDEVLENPDPR.G	18

PHEAT-765	proteomics_heat	551898	551954	-	4	3	K.AGAANAALLAAQILATHDK.E	23
PHEAT-766	proteomics_heat	551988	552074	-	4	23	K.TLVPVLGVPVQSAALSGVDSLYSIVQMPR.G	33
PHEAT-767	proteomics_heat	552075	552173	-	4	12	K.LFSFAESAENGYQVIIAGAGGAAHLPGMIAAK.T	37
PHEAT-768	proteomics_heat	552075	552185	-	4	4	R.TPDKLFSFAESAENGYQVIIAGAGGAAHLPGMIAAK.T	41
PHEAT-769	proteomics_heat	553169	553231	-	6	25	R.SGMHQDVPKEDVIIESVTVSE.-	25
PHEAT-770	proteomics_heat	553205	553231	-	6	4	R.SGMHQDVPK.E	13
PHEAT-771	proteomics_heat	553430	553465	-	6	9	K.EPIKNEANGLK.N	16
PHEAT-772	proteomics_heat	553430	553474	-	6	7	K.ATKEPIKNEANGLK.N	19
PHEAT-773	proteomics_heat	553481	553531	-	6	18	R.VINGFMIQGGGFEPGMK.Q	21
PHEAT-774	proteomics_heat	553532	553564	-	6	2	R.EGFYNNTIFHR.V	15
PHEAT-775	proteomics_heat	553565	553585	-	6	2	K.NFLDYCR.E	11
PHEAT-776	proteomics_heat	553586	553618	-	6	11	K.TFDDKAPETVK.N	15
PHEAT-777	proteomics_heat	553619	553660	-	6	14	K.MVTFHTNHGDIVIK.T	18
PHEAT-778	proteomics_heat	555977	556003	-	6	4	K.IAIAEGQVK.V	13
PHEAT-779	proteomics_heat	556101	556208	-	4	32	R.ASYITPVPGGVGPMTVATLIENTLQACVEYHDPQDE.-	40
PHEAT-780	proteomics_heat	556209	556247	-	4	2	K.VVGDVVFEDAAR.A	17
PHEAT-781	proteomics_heat	556299	556373	-	4	3	R.HHVENADLLIVAVGKPGFIPGDWIK.E	29
PHEAT-782	proteomics_heat	556392	556421	-	4	2	L.AGCTTTVTHR.F	14
PHEAT-783	proteomics_heat	556509	556532	-	4	2	R.GIVTLER.Y	12
PHEAT-784	proteomics_heat	556575	556625	-	4	3	R.IHPDKDVGDFHPYVGR.L	21
PHEAT-785	proteomics_heat	556638	556766	-	4	4	R.SYDLPETTSEALLELIDTLNADNTIDGILVQLPLPAGIDNVK.V	47
PHEAT-786	proteomics_heat	556767	556796	-	4	2	K.ACEEVGFVSR.S	14
PHEAT-787	proteomics_heat	556767	556799	-	4	5	R.KACEEVGFVSR.S	15
PHEAT-788	proteomics_heat	556803	556868	-	4	5	R.APGLAVVLVGSNPASQIYVASK.R	26
PHEAT-789	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-790	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-791	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-792	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-793	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-794	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-795	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-796	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-797	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-798	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-799	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-800	proteomics_heat	574584	574613	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-801	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-802	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-803	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-804	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-805	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-806	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-807	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-808	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-809	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-810	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14

PHEAT-811	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-812	proteomics_heat	574755	574784	-	4	2	R.RPYPLETMLR.I	14
PHEAT-813	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-814	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-815	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-816	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-817	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-818	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-819	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-820	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-821	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-822	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-823	proteomics_heat	574800	574859	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-824	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-825	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-826	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-827	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-828	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-829	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-830	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-831	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-832	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-833	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-834	proteomics_heat	574896	574937	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-835	proteomics_heat	577841	577918	-	6	11	K.TETQQTFFVNGLLGFITLGIYTPLEAR.V	30
PHEAT-836	proteomics_heat	577919	577948	-	6	2	K.ICGGAENVVK.T	14
PHEAT-837	proteomics_heat	577970	578014	-	6	7	K.ETITHHFFVSGIGQK.K	19
PHEAT-838	proteomics_heat	583915	583965	-	5	23	K.NGAGIENYNFITTAGLK.Y	21
PHEAT-839	proteomics_heat	583966	584010	-	5	2	N.TSLYDHNNNTSDYSK.N	19
PHEAT-840	proteomics_heat	583966	584016	-	5	11	K.GNTSLYDHNNNTSDYSK.N	21
PHEAT-841	proteomics_heat	583966	584019	-	5	5	K.KGNTSLYDHNNNTSDYSK.N	22
PHEAT-842	proteomics_heat	583966	584040	-	5	3	A.WNRVTNKKGNTSLYDHNNNTSDYSK.N	29
PHEAT-843	proteomics_heat	584032	584058	-	5	5	K.VYVEGAWNR.V	13
PHEAT-844	proteomics_heat	584059	584124	-	5	39	K.VKDQNYYSVAVNAGYYVTPNAK.V	26
PHEAT-845	proteomics_heat	584143	584199	-	5	5	K.YSGWVSSDNDEHYDPGKR.I	23
PHEAT-846	proteomics_heat	584200	584232	-	5	13	R.YEDFELGGTFK.Y	15
PHEAT-847	proteomics_heat	584233	584265	-	5	10	K.MPYIGLTGSYR.Y	15
PHEAT-848	proteomics_heat	584233	584271	-	5	11	R.FKMPYIGLTGSYR.Y	17
PHEAT-849	proteomics_heat	584293	584325	-	5	8	R.DDIGSFPNGER.A	15
PHEAT-850	proteomics_heat	584293	584364	-	5	44	R.GGSYIYSSEEGFRDDIGSFPNGER.A	28
PHEAT-851	proteomics_heat	584383	584415	-	5	10	R.LGLMAGYQESR.Y	15
PHEAT-852	proteomics_heat	584416	584445	-	5	10	K.GWLLNEPNYR.L	14
PHEAT-853	proteomics_heat	584446	584496	-	5	29	R.HPDTQLNYANEFDLNIK.G	21
PHEAT-854	proteomics_heat	584497	584532	-	5	2	D.SSNPGTWTDESR.H	16
PHEAT-855	proteomics_heat	584497	584565	-	5	6	R.GGNMVDQDWMSSNPGTWTDESR.H	27
PHEAT-856	proteomics_heat	584566	584637	-	5	108	K.GAINWDLMPQISIGAAGWTTLSR.G	28

PHEAT-857	proteomics_heat	584662	584685	-	5	8	R.KVSQLDWK.F	12
PHEAT-858	proteomics_heat	584683	584712	-	5	2	R.VYLAEEGGRK.V	14
PHEAT-859	proteomics_heat	584686	584712	-	5	14	R.VYLAEEGGR.K	13
PHEAT-860	proteomics_heat	584686	584718	-	5	5	K.ERVYLAEEGGR.K	15
PHEAT-861	proteomics_heat	584725	584796	-	5	35	A.STETLSFTPDNINADISLGTLSGK.T	28
PHEAT-862	proteomics_heat	586392	586445	-	4	2	K.TFTAKPKPDAEIASLLAK.R	22
PHEAT-863	proteomics_heat	586941	586970	-	4	2	R.AAAAQQAGLK.L	14
PHEAT-864	proteomics_heat	588867	588914	-	4	2	R.LASLLESHPYLATPAK.V	20
PHEAT-865	proteomics_heat	593781	593813	-	4	3	R.VLNHPDETQAR.R	15
PHEAT-866	proteomics_heat	603997	604032	-	5	4	K.SRLPQNITLLEV.-	16
PHEAT-867	proteomics_heat	604033	604104	-	5	10	K.GYTSLVVVPVGHHSVEDFNATLPK.S	28
PHEAT-868	proteomics_heat	604033	604110	-	5	7	K.EKGYTSLVVVPVGHHSVEDFNATLPK.S	30
PHEAT-869	proteomics_heat	604327	604359	-	5	10	K.LVVQVEDADGR.F	15
PHEAT-870	proteomics_heat	604360	604386	-	5	4	K.TAMDDVWLK.L	13
PHEAT-871	proteomics_heat	604387	604425	-	5	5	K.MLDASHVVVFCAK.T	17
PHEAT-872	proteomics_heat	604387	604428	-	5	2	R.KMLDASHVVVFCAK.T	18
PHEAT-873	proteomics_heat	604429	604461	-	5	3	K.SAAGNYVFNER.K	15
PHEAT-874	proteomics_heat	604477	604554	-	5	2	K.TLLQYSPSSTNSQPWHFIVASTEEGK.A	30
PHEAT-875	proteomics_heat	604555	604587	-	5	11	K.KLTPEQAEQIK.T	15
PHEAT-876	proteomics_heat	604819	604869	-	5	2	K.HWISVYPGEEISEALLR.D	21
PHEAT-877	proteomics_heat	605077	605109	-	5	2	F.MDKQSLHETAK.R	15
PHEAT-878	proteomics_heat	606364	606405	-	5	2	R.DINQAAGQFSAMQK.V	18
PHEAT-879	proteomics_heat	609597	609662	-	4	2	W.DVTKNVSLTGGVDNLFDKRLWR.A	26
PHEAT-880	proteomics_heat	610275	610358	-	4	2	R.FDHHSIVGNNWSPALNISQGLGDDFTLK.M	32
PHEAT-881	proteomics_heat	610449	610526	-	4	7	K.DLSSNTQALTGTNTGGAIDGVSTTDR.S	30
PHEAT-882	proteomics_heat	618796	618843	-	5	2	K.GYTAAVLHDLNQAQCR.Y	20
PHEAT-883	proteomics_heat	622864	622923	-	5	2	K.DADAIYANPLLHLPAVQNK.Q	24
PHEAT-884	proteomics_heat	623233	623283	-	5	3	K.SWQSLTLQLGEITGHEK.Q	21
PHEAT-885	proteomics_heat	623590	623622	-	5	6	R.GHTLTLESQPQR.I	15
PHEAT-886	proteomics_heat	631888	631944	-	5	3	R.VAAAHAVHNGLTVLPQTEK.F	23
PHEAT-887	proteomics_heat	632440	632496	-	5	2	R.GHCSESDVQQLAAESGDDR.S	23
PHEAT-888	proteomics_heat	640665	640694	-	4	2	R.HANLPVLVVR.-	14
PHEAT-889	proteomics_heat	640695	640748	-	4	10	R.NPSISTHLLGSNASSVIR.H	22
PHEAT-890	proteomics_heat	640749	640823	-	4	17	R.FGSVRDEVNELAEELGADVIVIGSR.N	29
PHEAT-891	proteomics_heat	640842	640883	-	4	7	R.LQTMVSHFTIDPSR.I	18
PHEAT-892	proteomics_heat	640884	640919	-	4	8	R.FEEHLQHEAQER.L	16
PHEAT-893	proteomics_heat	640941	641024	-	4	4	R.HAEFLAQDDGVIHLLHVLPGSASLSLHR.F	32
PHEAT-894	proteomics_heat	640944	641024	-	4	5	R.HAEFLAQDDGVIHLLHVLPGSASLSLH.R	31
PHEAT-895	proteomics_heat	641034	641081	-	4	19	K.TIIMPVDVFEMELSDK.A	20
PHEAT-896	proteomics_heat	643146	643187	-	4	2	M.SRPTIIIINDLDAER.I	18
PHEAT-897	proteomics_heat	643708	643761	-	5	3	K.HGACFGFDPDAYFGTMVR.L	22
PHEAT-898	proteomics_heat	643825	643872	-	5	2	R.MCSSPETGLSLETAAK.L	20
PHEAT-899	proteomics_heat	643882	643926	-	5	5	R.FGCATRPINLPEAR.A	19
PHEAT-900	proteomics_heat	656749	656799	-	5	4	V.FGLNRTLKTKKNPLIKR.V	21
PHEAT-901	proteomics_heat	658492	658521	-	5	4	R.SSYHADLQAK.G	14
PHEAT-902	proteomics_heat	658522	658608	-	5	2	R.YVSPDEFDEMKAELAMGFTHAACGPFVR.S	33

PHEAT-903	proteomics_heat	658630	658677	-	5	7	R.HGVTMLTLGQYLQPSR.H	20
PHEAT-904	proteomics_heat	658840	658905	-	5	3	R.ALDILTATPPDVFNHNLENVPR.I	26
PHEAT-905	proteomics_heat	658969	659013	-	5	5	R.DGGAQHFADCITAIR.E	19
PHEAT-906	proteomics_heat	659014	659052	-	5	2	R.YVVITSVDRDDL.R.D	17
PHEAT-907	proteomics_heat	659086	659148	-	5	3	R.CPFCDVAHGRPVAPDANEPVK.L	25
PHEAT-908	proteomics_heat	660920	660967	-	6	3	K.ISQWKPEATTNNIAPR.L	20
PHEAT-909	proteomics_heat	661289	661339	-	6	2	K.AEHILMPGDIPVIQSDR.G	21
PHEAT-910	proteomics_heat	661629	661709	-	4	14	K.GNYHSVSITINATHIEQVETLYEELGK.I	31
PHEAT-911	proteomics_heat	661710	661754	-	4	4	R.HAPGDYTPTVKPSSK.G	19
PHEAT-912	proteomics_heat	661755	661811	-	4	40	K.VMGQALPELVDQVVEVVQR.H	23
PHEAT-913	proteomics_heat	661812	661853	-	4	9	K.LNELLEFPTPFTYK.V	18
PHEAT-914	proteomics_heat	661812	661859	-	4	5	K.TKLNELLEFPTPFTYK.V	20
PHEAT-915	proteomics_heat	662125	662172	-	5	5	K.ASYVLNSELHAPLQK.N	20
PHEAT-916	proteomics_heat	662194	662238	-	5	7	R.ASLGVDKDVYLTIPR.G	19
PHEAT-917	proteomics_heat	662239	662280	-	5	2	K.EFASEPWWFGSDR.A	18
PHEAT-918	proteomics_heat	662290	662316	-	5	6	R.FFETVNPLK.V	13
PHEAT-919	proteomics_heat	662398	662442	-	5	3	K.AGYNLVASATEGQMR.L	19
PHEAT-920	proteomics_heat	662548	662577	-	5	3	R.DVPNEYSIYK.E	14
PHEAT-921	proteomics_heat	662611	662670	-	5	4	K.NTHFQTVHGLDADGQYSSAR.D	24
PHEAT-922	proteomics_heat	662671	662787	-	5	5	R.GINLQSGNDACVAMADFAAGSQDAFVGLMNSYVNALGLK.N	43
PHEAT-923	proteomics_heat	662788	662847	-	5	9	K.GSSMLFKPGMQVPVSQLIR.G	24
PHEAT-924	proteomics_heat	662848	662913	-	5	7	K.FKETDLVTIGNDAWATGNPVFK.G	26
PHEAT-925	proteomics_heat	662923	662958	-	5	3	K.MMTSYVIGQAMK.A	16
PHEAT-926	proteomics_heat	662959	662982	-	5	2	R.RDPASLTK.M	12
PHEAT-927	proteomics_heat	662983	663012	-	5	2	K.VLAEQNADVR.R	14
PHEAT-928	proteomics_heat	663373	663399	-	5	3	K.AEASTLQQR.L	13
PHEAT-929	proteomics_heat	663472	663504	-	5	2	R.AQQYQQQLGQK.F	15
PHEAT-930	proteomics_heat	663739	663846	-	5	6	K.QTYALPAPPDLSGGAGTSSVSGPQGDILPVSNSTLK.S	40
PHEAT-931	proteomics_heat	663847	663918	-	5	6	R.IDPIIVAQDGSLSGPGMACTTVAK.Q	28
PHEAT-932	proteomics_heat	663847	663924	-	5	4	K.VRIDPIIVAQDGSLSGPGMACTTVAK.Q	30
PHEAT-933	proteomics_heat	663925	663963	-	5	3	R.AAADRLNTSNNTK.V	17
PHEAT-934	proteomics_heat	664054	664185	-	5	2	R.FSQAGLAAIYDAEPGSNLTASGEAFDPTQLTAAHPTLPIPSYAR.I	48
PHEAT-935	proteomics_heat	664225	664266	-	5	2	R.FEPLNATANQDYQR.D	18
PHEAT-936	proteomics_heat	666166	666210	-	5	2	K.FGYGHYTGIDLAEER.S	19
PHEAT-937	proteomics_heat	666397	666480	-	5	2	R.ATQGVYPPASTVKPYVAVSALSAGVITR.N	32
PHEAT-938	proteomics_heat	666481	666528	-	5	3	K.DYSALLNDPNTPLVNR.A	20
PHEAT-939	proteomics_heat	666820	666855	-	5	4	K.LANYAATHDIGK.L	16
PHEAT-940	proteomics_heat	667123	667191	-	5	2	R.TIYQIEMMPEKVDNVQQTLDALR.S	27
PHEAT-941	proteomics_heat	667669	667734	-	5	2	R.IVTLDIPGKPWDTPQLAAELER.W	26
PHEAT-942	proteomics_heat	667741	667785	-	5	2	R.ILDKEGEQMLAAAGK.N	19
PHEAT-943	proteomics_heat	668080	668121	-	5	2	R.HVMSIADHVQESR.A	18
PHEAT-944	proteomics_heat	668170	668247	-	5	5	K.ALQDFVIDKIDDLKGGDIIALDVQGK.S	30
PHEAT-945	proteomics_heat	670154	670225	-	6	2	R.VEQAVNDAAHFTPFHWVDALLMGK.S	28
PHEAT-946	proteomics_heat	670852	670905	-	5	12	R.SDEEQTSTTTDTPATPAR.V	22
PHEAT-947	proteomics_heat	671200	671241	-	5	3	R.LNGVELLDKETTRK.D	18
PHEAT-948	proteomics_heat	671263	671307	-	5	3	K.VMILDSDGPNGLSR.A	19

PHEAT-949	proteomics_heat	671448	671471	-	4	2	R.KVIYVPGK.L	12
PHEAT-950	proteomics_heat	671496	671522	-	4	6	R.AGQEHLVAK.Y	13
PHEAT-951	proteomics_heat	671529	671567	-	4	5	K.ITVPVDATEEQVR.E	17
PHEAT-952	proteomics_heat	671529	671573	-	4	2	R.AKITVPVDATEEQVR.E	19
PHEAT-953	proteomics_heat	671628	671675	-	4	4	K.GEGDIDNAPWPVADEK.A	20
PHEAT-954	proteomics_heat	671676	671729	-	4	2	R.MLNPFTPHICFTLWQELK.G	22
PHEAT-955	proteomics_heat	671730	671765	-	4	4	R.ALMQEALLAVVR.M	16
PHEAT-956	proteomics_heat	671766	671801	-	4	2	K.LAKAPTDGEQDR.A	16
PHEAT-957	proteomics_heat	671802	671849	-	4	15	R.QTFNTAIAAIMELMNK.L	20
PHEAT-958	proteomics_heat	671802	671852	-	4	10	R.RQTFNTAIAAIMELMNK.L	21
PHEAT-959	proteomics_heat	671910	671957	-	4	11	K.GDVAALNVDALTENQK.A	20
PHEAT-960	proteomics_heat	671958	671981	-	4	6	K.LVYEHTAK.G	12
PHEAT-961	proteomics_heat	672003	672077	-	4	14	R.LFMMFASPADMTLEWQESGVEGANR.F	29
PHEAT-962	proteomics_heat	672099	672140	-	4	7	K.SKNNGIDPQVMVER.Y	18
PHEAT-963	proteomics_heat	672150	672191	-	4	5	K.DAAGHELVYTGMSK.M	18
PHEAT-964	proteomics_heat	672150	672197	-	4	9	K.AKDAAGHELVYTGMSK.M	20
PHEAT-965	proteomics_heat	672213	672257	-	4	3	R.NWVSPVDAIVERDEK.G	19
PHEAT-966	proteomics_heat	672222	672257	-	4	3	R.NWVSPVDAIVER.D	16
PHEAT-967	proteomics_heat	672258	672323	-	4	4	K.QLLCQGMVLADAFYYVGENDER.N	26
PHEAT-968	proteomics_heat	672324	672359	-	4	15	R.DAGMVNSDEPAK.Q	16
PHEAT-969	proteomics_heat	672480	672500	-	4	3	R.YTCPQYK.E	11
PHEAT-970	proteomics_heat	672501	672551	-	4	5	R.ETDTFDTFMESSWYYAR.Y	21
PHEAT-971	proteomics_heat	672774	672800	-	4	3	K.LTAMGVGER.K	13
PHEAT-972	proteomics_heat	672774	672872	-	4	3	K.GVLFNSGEFNGLDHEAAFNAIADKLTAMGVGER.K	37
PHEAT-973	proteomics_heat	672801	672872	-	4	5	K.GVLFNSGEFNGLDHEAAFNAIADK.L	28
PHEAT-974	proteomics_heat	672873	672935	-	4	2	K.PVILAADGSEPDLSQQALTEK.G	25
PHEAT-975	proteomics_heat	672873	672953	-	4	12	K.YGLNIKPVILAADGSEPDLSQQALTEK.G	31
PHEAT-976	proteomics_heat	672873	672989	-	4	2	P.GHDQRDYEFASKYGLNIKPVILAADGSEPDLSQQALTEK.G	43
PHEAT-977	proteomics_heat	672954	672974	-	4	6	R.DYEFASK.Y	11
PHEAT-978	proteomics_heat	672975	673082	-	4	7	K.AVHPLTGEEIPVWAANFVLMYGTGAVMAVPGHDQR.D	40
PHEAT-979	proteomics_heat	673083	673106	-	4	3	K.KGVDTGFK.A	12
PHEAT-980	proteomics_heat	673104	673139	-	4	2	K.VAEAEMATMEKK.G	16
PHEAT-981	proteomics_heat	673107	673139	-	4	5	K.VAEAEMATMEK.K	15
PHEAT-982	proteomics_heat	673149	673196	-	4	4	K.AAENPELAAFIDECR.N	20
PHEAT-983	proteomics_heat	673197	673247	-	4	2	F.MGCTYLAVAAGHPLAQK.A	21
PHEAT-984	proteomics_heat	673356	673424	-	4	10	K.ITAYADELLNDLDKLDHWPDTVK.T	27
PHEAT-985	proteomics_heat	673473	673550	-	4	3	K.TSAVNWCPNDQTVLANEQVIDGCCWR.C	30
PHEAT-986	proteomics_heat	673572	673592	-	4	2	K.FFTELYK.K	11
PHEAT-987	proteomics_heat	673605	673637	-	4	2	R.ELATCTPEYYR.W	15
PHEAT-988	proteomics_heat	673638	673667	-	4	3	K.MLGFGYDWSR.E	14
PHEAT-989	proteomics_heat	673680	673730	-	4	4	K.NNTAPAPWTYDNIAYMK.N	21
PHEAT-990	proteomics_heat	673731	673793	-	4	10	K.NVLQPIGWDAFGLPAEGA AVK.N	25
PHEAT-991	proteomics_heat	673815	673844	-	4	6	R.NYTIGDVIAR.Y	14
PHEAT-992	proteomics_heat	673866	673904	-	4	5	K.YYCLSMLPYPSSGR.L	17
PHEAT-993	proteomics_heat	673905	673940	-	4	3	R.TFEVTEDESKEK.Y	16
PHEAT-994	proteomics_heat	673905	673943	-	4	2	K.RTFE VTEDESKEK.Y	17

PHEAT-995	proteomics_heat	673944	673967	-	4	2	K.VQLHWDEK.R	12
PHEAT-996	proteomics_heat	673968	674006	-	4	5	A.MQEQRPEEIESK.V	17
PHEAT-997	proteomics_heat	683024	683053	-	6	2	K.AQIHVEDTER.F	14
PHEAT-998	proteomics_heat	683504	683542	-	6	2	K.AITSSAGNQTPEK.T	17
PHEAT-999	proteomics_heat	684359	684403	-	6	5	K.KGEVVVCGPSGSGK.S	19
PHEAT-1000	proteomics_heat	685293	685349	-	4	3	K.NSAIASTIGLVDMAAQAGK.L	23
PHEAT-1001	proteomics_heat	686074	686100	-	5	5	K.ALFKEPNDK.A	13
PHEAT-1002	proteomics_heat	686179	686229	-	5	13	K.LMDDTIAQVQTSGEAEK.W	21
PHEAT-1003	proteomics_heat	686179	686232	-	5	4	K.KLMDDTIAQVQTSGEAEK.W	22
PHEAT-1004	proteomics_heat	686233	686253	-	5	3	R.KDDPQFK.K	11
PHEAT-1005	proteomics_heat	686254	686319	-	5	10	K.KPDNWEIVGKPKQSQEAYGCMLR.K	26
PHEAT-1006	proteomics_heat	686254	686325	-	5	4	K.AKKPDNWEIVGKPKQSQEAYGCMLR.K	28
PHEAT-1007	proteomics_heat	686332	686376	-	5	7	R.AVAFMDDALLAGER.A	19
PHEAT-1008	proteomics_heat	686461	686508	-	5	7	K.AVVVTS GTTSEVLLNK.L	20
PHEAT-1009	proteomics_heat	686509	686532	-	5	2	K.DFANLKDK.A	12
PHEAT-1010	proteomics_heat	686509	686547	-	5	6	K.GGDIKDFANLKDK.A	17
PHEAT-1011	proteomics_heat	686509	686550	-	5	2	K.KGGDIKDFANLKDK.A	18
PHEAT-1012	proteomics_heat	686515	686550	-	5	2	K.KGGDIKDFANLK.D	16
PHEAT-1013	proteomics_heat	686563	686604	-	5	4	K.QAAFSDTIFVVGTR.L	18
PHEAT-1014	proteomics_heat	686611	686676	-	5	8	R.IPLLQNGTDFEFCGSTTNNVER.Q	26
PHEAT-1015	proteomics_heat	686734	686787	-	5	5	K.VVGYSQDYSNAIVEAVKK.K	22
PHEAT-1016	proteomics_heat	686737	686787	-	5	4	K.VVGYSQDYSNAIVEAVK.K	21
PHEAT-1017	proteomics_heat	686830	686856	-	5	10	K.NGVIVVGHR.E	13
PHEAT-1018	proteomics_heat	686866	686892	-	5	2	A.PAAGSTLDK.I	13
PHEAT-1019	proteomics_heat	686866	686904	-	5	16	A.DDAAPAAGSTLDK.I	17
PHEAT-1020	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1021	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1022	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1023	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1024	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1025	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1026	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1027	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1028	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1029	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1030	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1031	proteomics_heat	687844	687873	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-1032	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1033	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1034	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1035	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1036	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1037	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1038	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1039	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1040	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14

PHEAT-1041	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1042	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1043	proteomics_heat	688015	688044	-	5	2	R.RPYPLETMLR.I	14
PHEAT-1044	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1045	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1046	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1047	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1048	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1049	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1050	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1051	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1052	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1053	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1054	proteomics_heat	688060	688119	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-1055	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1056	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1057	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1058	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1059	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1060	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1061	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1062	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1063	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1064	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1065	proteomics_heat	688156	688197	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-1066	proteomics_heat	689259	689327	-	4	5	K.SSLIWPESAITDLEINQQPFLK.A	27
PHEAT-1067	proteomics_heat	689397	689444	-	4	2	K.TIQVSMVQGDIPQSLK.W	20
PHEAT-1068	proteomics_heat	690141	690167	-	4	3	K.IPDDSPQPK.L	13
PHEAT-1069	proteomics_heat	690168	690188	-	4	2	R.IIQVHVK.I	11
PHEAT-1070	proteomics_heat	690648	690701	-	4	4	R.FPVISEDKDHIEGILMAK.D	22
PHEAT-1071	proteomics_heat	690702	690755	-	4	2	R.NQTLDECLDVIIESAHSR.F	22
PHEAT-1072	proteomics_heat	690843	690881	-	4	5	R.DSGQNLDLIEDTR.D	17
PHEAT-1073	proteomics_heat	690912	690959	-	4	5	K.GFFSLLLSQLFHGEPK.N	20
PHEAT-1074	proteomics_heat	690960	691004	-	4	5	M.SDDNSHSSDTISNKK.G	19
PHEAT-1075	proteomics_heat	691235	691279	-	6	2	K.EAQEQGKPLEAHWAH.M	19
PHEAT-1076	proteomics_heat	691295	691381	-	6	2	K.DKPTNVLSFPFEVPPGMEMSLLDLVICR.Q	33
PHEAT-1077	proteomics_heat	691615	691656	-	5	2	R.IVNAYEAWEEAEQK.R	18
PHEAT-1078	proteomics_heat	691675	691746	-	5	8	R.HAIEVLADVEEISFNFFHSEDVVR.H	28
PHEAT-1079	proteomics_heat	691768	691809	-	5	2	K.AVITGDVTQIDLPR.N	18
PHEAT-1080	proteomics_heat	691843	691905	-	5	5	R.TLNDAFIILDESQNTTIEQMK.M	25
PHEAT-1081	proteomics_heat	691912	691947	-	5	2	R.NVIEVAPLAYMR.G	16
PHEAT-1082	proteomics_heat	692029	692061	-	5	2	K.LGFLPGDLSQK.V	15
PHEAT-1083	proteomics_heat	692062	692100	-	5	3	R.ILLTRPAVEAGEK.L	17
PHEAT-1084	proteomics_heat	692158	692238	-	5	10	R.TPNQAQYIANILDHDITFGVGPAGTGK.T	31
PHEAT-1085	proteomics_heat	692281	692322	-	5	3	R.VLEQSAESVPEYGK.A	18
PHEAT-1086	proteomics_heat	692410	692457	-	5	7	K.LTGRPICVTAADILR.S	20

PHEAT-1087	proteomics_heat	692551	692583	-	5	2	R.EITLEPADNAR.L	15
PHEAT-1088	proteomics_heat	692799	692831	-	4	2	R.VAETPESVIAR.T	15
PHEAT-1089	proteomics_heat	692871	692915	-	4	4	K.FVDVEITDVYPNSLR.G	19
PHEAT-1090	proteomics_heat	692916	692954	-	4	2	R.VVNFEGTPDMIGK.F	17
PHEAT-1091	proteomics_heat	692970	692996	-	4	2	R.KSIMELSGR.T	13
PHEAT-1092	proteomics_heat	693105	693155	-	4	2	R.PGTPAADMVDDVPEEEK.K	21
PHEAT-1093	proteomics_heat	693219	693296	-	4	7	R.AARPDIIQISSDFIVGFPGETTEDFEK.T	30
PHEAT-1094	proteomics_heat	693363	693419	-	4	7	R.DTPELVSFHLHPVQSGSDR.I	23
PHEAT-1095	proteomics_heat	693420	693473	-	4	4	R.FTTSHPIEFTDDIIEVYR.D	22
PHEAT-1096	proteomics_heat	693510	693557	-	4	2	R.GENYDGTGGSFADLLR.L	20
PHEAT-1097	proteomics_heat	693597	693668	-	4	11	R.GEEVSRPSDDILFEIAQLAAQGV.R.E	28
PHEAT-1098	proteomics_heat	693774	693821	-	4	2	R.GDRSPVVDISFPEIEK.F	20
PHEAT-1099	proteomics_heat	693849	693893	-	4	4	R.AHYVDIIFGPQTLHR.L	19
PHEAT-1100	proteomics_heat	693900	693968	-	4	6	K.EKNPDLIIGVGGCVASQEGEHIR.Q	27
PHEAT-1101	proteomics_heat	694023	694115	-	4	11	K.MADLLDATHGYQLTDVAEEADVLLNNTCSIR.E	35
PHEAT-1102	proteomics_heat	694116	694154	-	4	2	K.TWGCQMNEYDSSK.M	17
PHEAT-1103	proteomics_heat	695579	695617	-	6	2	L.FCVHSMNAMLTR.L	17
PHEAT-1104	proteomics_heat	696739	696768	-	5	5	R.AVGVHQSAYK.-	14
PHEAT-1105	proteomics_heat	696820	696903	-	5	8	R.EIFEELFPLPSAAECVPGGPSVACSSAK.A	32
PHEAT-1106	proteomics_heat	696955	697002	-	5	13	K.EVAAQQVSDQQLLETAR.F	20
PHEAT-1107	proteomics_heat	697003	697056	-	5	2	R.QKEQFSDGVGYSWIDTLK.E	22
PHEAT-1108	proteomics_heat	697057	697098	-	5	2	R.ECFEAYLPASVAWR.Q	18
PHEAT-1109	proteomics_heat	697198	697227	-	5	2	K.AMSAWGVEAR.V	14
PHEAT-1110	proteomics_heat	697273	697296	-	5	4	K.ELHEETVR.K	12
PHEAT-1111	proteomics_heat	697471	697554	-	5	2	K.AAQEVANHLGTVHHEIHFTVQEGLDAIR.D	32
PHEAT-1112	proteomics_heat	697555	697620	-	5	7	R.SEAWWPQLHSAFVGLPGSPDLK.A	26
PHEAT-1113	proteomics_heat	697654	697737	-	5	12	K.SHLMSDVPYGVLLSGGLDSSIIISAITKK.Y	32
PHEAT-1114	proteomics_heat	697657	697737	-	5	19	K.SHLMSDVPYGVLLSGGLDSSIIISAITK.K	31
PHEAT-1115	proteomics_heat	697762	697818	-	5	4	R.DWFDYDAVKDNVTDKNELR.Q	23
PHEAT-1116	proteomics_heat	697834	697881	-	5	8	K.EFPAGSYLWSQDGEIR.S	20
PHEAT-1117	proteomics_heat	697834	697890	-	5	3	R.TIKEFPAGSYLWSQDGEIR.S	23
PHEAT-1118	proteomics_heat	697987	698070	-	5	2	K.GPEFLDDLQGMFAFALYDSEKDAYLIGR.D	32
PHEAT-1119	proteomics_heat	698146	698196	-	5	7	K.THVLAVNGEIYNHQALR.A	21
PHEAT-1120	proteomics_heat	698197	698250	-	5	4	R.LSIVDVNAGAQPPLYNQK.T	22
PHEAT-1121	proteomics_heat	698251	698307	-	5	4	R.GPDWSGIYASDNAILAHER.L	23
PHEAT-1122	proteomics_heat	698938	698985	-	5	2	K.MQAHSEETVIVGDNLR.T	20
PHEAT-1123	proteomics_heat	699055	699099	-	5	3	R.GFYACGALCAGIEK.I	19
PHEAT-1124	proteomics_heat	699100	699132	-	5	3	R.FIATNPDTHGR.G	15
PHEAT-1125	proteomics_heat	699133	699162	-	5	3	K.AAYFVANGAR.F	14
PHEAT-1126	proteomics_heat	699190	699246	-	5	4	K.AGFTITDVNPDFVIVGETR.S	23
PHEAT-1127	proteomics_heat	699241	699291	-	5	2	K.AYVVGEGALIHELYKAG.F	21
PHEAT-1128	proteomics_heat	699247	699291	-	5	7	K.AYVVGEGALIHELYK.A	19
PHEAT-1129	proteomics_heat	699310	699384	-	5	6	R.FATAGVDVPDSVFYTSAMATADFLR.R	29
PHEAT-1130	proteomics_heat	699385	699447	-	5	4	K.GLPLVLLTNYPSQTGQDLANR.F	25
PHEAT-1131	proteomics_heat	699448	699537	-	5	5	K.NVICIDIGVLMHDNVAVPGAAEFLHGIMDK.G	34
PHEAT-1132	proteomics_heat	699723	699806	-	4	4	K.IVIAGEITEADKVLLPAIESCINTQALK.A	32

PHEAT-1133	proteomics_heat	700050	700103	-	4	2	R.NGNVGEIGHIQVEPLGER.C	22
PHEAT-1134	proteomics_heat	700119	700151	-	4	2	R.GTGAGIISNGR.I	15
PHEAT-1135	proteomics_heat	700494	700532	-	4	2	R.HDATITLFDLSSK.V	17
PHEAT-1136	proteomics_heat	700665	700712	-	4	2	R.IQIAEQSQLAPASVTK.I	20
PHEAT-1137	proteomics_heat	700770	700817	-	4	2	S.MTPGGQAQIGNVDLVK.Q	20
PHEAT-1138	proteomics_heat	700976	701020	-	6	6	R.NLVEHCGIALDEVLR.M	19
PHEAT-1139	proteomics_heat	701294	701350	-	6	3	R.AGITFATHLYNAMPYITGR.E	23
PHEAT-1140	proteomics_heat	701372	701425	-	6	8	K.LANAGIVVSAGHSNATLK.E	22
PHEAT-1141	proteomics_heat	701426	701470	-	6	2	K.VTLAPEMVPAEVISK.L	19
PHEAT-1142	proteomics_heat	701471	701527	-	6	3	R.KPDAALVDFLCENADVITK.V	23
PHEAT-1143	proteomics_heat	701558	701614	-	6	2	K.HPNQALGLHLEGPWLNLVK.K	23
PHEAT-1144	proteomics_heat	701651	701707	-	6	3	K.SGCTNYLPTLITTSDELMK.Q	23
PHEAT-1145	proteomics_heat	702091	702132	-	5	3	K.AIMVCDEPSTMELK.V	18
PHEAT-1146	proteomics_heat	702133	702210	-	5	3	K.ALALQAAVEGCVNHMWTISCLQLHPK.A	30
PHEAT-1147	proteomics_heat	702367	702444	-	5	7	K.IHLFMGGVGNDBGHIAFNEPASSLASR.T	30
PHEAT-1148	proteomics_heat	702598	702642	-	5	9	K.HVVTFNMDEYVGLPK.E	19
PHEAT-1149	proteomics_heat	702685	702765	-	5	3	R.INAFKPTADRPFVLGLPTGGTPMTTYK.A	31
PHEAT-1150	proteomics_heat	702793	702828	-	5	2	R.LIPLTTAEQVGK.W	16
PHEAT-1151	proteomics_heat	709426	709506	-	5	3	R.LTNHSLYLYGHCAEGDCREDEHAHEGK.-	31
PHEAT-1152	proteomics_heat	709453	709506	-	5	2	R.LTNHSLYLYGHCAEGDCR.E	22
PHEAT-1153	proteomics_heat	709474	709506	-	5	2	R.LTNHSLYLYGH.C	15
PHEAT-1154	proteomics_heat	709540	709575	-	5	4	K.VIEFSDDSIEAR.Q	16
PHEAT-1155	proteomics_heat	709576	709638	-	5	2	K.SVFELTQQHHHDHLICLDCGK.V	25
PHEAT-1156	proteomics_heat	709660	709698	-	5	3	R.VLNQFDDAGIVTR.H	17
PHEAT-1157	proteomics_heat	709699	709743	-	5	3	R.LIDMGEEIGLATVYR.V	19
PHEAT-1158	proteomics_heat	709744	709806	-	5	3	K.ILEVLQEPDNHHVSAEDLYKR.L	25
PHEAT-1159	proteomics_heat	709747	709806	-	5	2	K.ILEVLQEPDNHHVSAEDLYK.R	24
PHEAT-1160	proteomics_heat	710221	710295	-	5	7	K.GLADDDHFVGLAIDEDRQPELTAER.V	29
PHEAT-1161	proteomics_heat	710296	710352	-	5	9	R.GATIVGHWPTAGYHFEASK.G	23
PHEAT-1162	proteomics_heat	710371	710445	-	5	4	K.LVALFGCGDQEDYAEYFCDALGTIR.D	29
PHEAT-1163	proteomics_heat	710575	710604	-	5	3	K.DVADVHDIK.S	14
PHEAT-1164	proteomics_heat	710575	710616	-	5	3	K.QLGKDVADVHDIK.S	18
PHEAT-1165	proteomics_heat	710629	710685	-	5	7	M.AITGIFFGSDTGNTENIAK.M	23
PHEAT-1166	proteomics_heat	711534	711575	-	4	5	R.QHLNEEGVIQFLK.S	18
PHEAT-1167	proteomics_heat	711660	711701	-	4	3	K.LVAIDIAPVDYHVR.R	18
PHEAT-1168	proteomics_heat	711702	711746	-	4	2	K.AVMALTALASDRIDK.L	19
PHEAT-1169	proteomics_heat	711747	711779	-	4	3	K.ATFIGHSMGGK.A	15
PHEAT-1170	proteomics_heat	711873	711914	-	4	2	R.DLVNDHNIIQVDMR.N	18
PHEAT-1171	proteomics_heat	711915	712007	-	4	13	R.AQTAQNQHNNSPIVLVHGLFGSLDNLGLVLAR.D	35
PHEAT-1172	proteomics_heat	714543	714599	-	4	3	K.VFVVFAGCGVNALSGLQNR.L	23
PHEAT-1173	proteomics_heat	721532	721609	-	6	7	R.TPLTVLFGQAEILTLASEGSPHAR.Q	30
PHEAT-1174	proteomics_heat	731786	731851	-	6	5	T.SPSPGPVHAAIPVLPCCGPAGR.K	26
PHEAT-1175	proteomics_heat	736252	736296	-	5	4	C.RTDTGYNSGNSIVNR.N	19
PHEAT-1176	proteomics_heat	752435	752461	-	6	3	R.QLYTGYEKR.D	13
PHEAT-1177	proteomics_heat	752438	752461	-	6	2	R.QLYTGYEK.R	12
PHEAT-1178	proteomics_heat	752477	752527	-	6	20	R.TVGWIAHWSEMHSDBGMK.I	21

PHEAT-1179	proteomics_heat	752528	752578	-	6	27	K.AMGIPSSMFTVIFAMAR.T	21
PHEAT-1180	proteomics_heat	752579	752620	-	6	19	K.LYPNVDFYSGIILK.A	18
PHEAT-1181	proteomics_heat	752579	752623	-	6	51	K.KLYPNVDFYSGIILK.A	19
PHEAT-1182	proteomics_heat	752621	752692	-	6	7	K.DDLLEVAMELENIALNDPYFIEKK.L	28
PHEAT-1183	proteomics_heat	752624	752692	-	6	11	K.DDLLEVAMELENIALNDPYFIEK.K	27
PHEAT-1184	proteomics_heat	752624	752707	-	6	27	K.ELGTKDDLLEVAMELENIALNDPYFIEK.K	32
PHEAT-1185	proteomics_heat	752708	752731	-	6	3	R.ETCHEVLK.E	12
PHEAT-1186	proteomics_heat	752843	752869	-	6	3	K.MLEEISSVK.H	13
PHEAT-1187	proteomics_heat	752870	752935	-	6	9	C.IAAGIASLWGPAHGGANEAAALK.M	26
PHEAT-1188	proteomics_heat	752870	752971	-	6	52	R.TAGSSGANPFACIAAGIASLWGPAHGGANEAAALK.M	38
PHEAT-1189	proteomics_heat	752972	753025	-	6	71	R.ILILHADHEQNASTSTVR.T	22
PHEAT-1190	proteomics_heat	753038	753082	-	6	3	F.STPCEPEYEVNPILER.A	19
PHEAT-1191	proteomics_heat	753038	753124	-	6	21	R.NDLSYAGNFLNMMFSTPCEPEYEVNPILER.A	33
PHEAT-1192	proteomics_heat	753125	753157	-	6	11	K.YSIGQPFVYPR.N	15
PHEAT-1193	proteomics_heat	753158	753187	-	6	5	K.MPTMAAMCYK.Y	14
PHEAT-1194	proteomics_heat	753224	753250	-	6	3	H.DSLDVNNPR.H	13
PHEAT-1195	proteomics_heat	753224	753310	-	6	117	R.DSHPMAMCGITGALAAFYHDSLVDVNNPR.H	33
PHEAT-1196	proteomics_heat	753377	753481	-	6	46	R.GFPIDQLATDSNYLEVCIYILLNGEKPTQEYDEFK.T	39
PHEAT-1197	proteomics_heat	753482	753523	-	6	23	K.ITFIDGDEGILLHR.G	18
PHEAT-1198	proteomics_heat	753524	753559	-	6	3	D.PGFTSTASCESK.I	16
PHEAT-1199	proteomics_heat	753524	753568	-	6	3	F.TFDPGFTSTASCESK.I	19
PHEAT-1200	proteomics_heat	753524	753577	-	6	16	K.GVFTFDPGFTSTASCESK.I	22
PHEAT-1201	proteomics_heat	753593	753625	-	6	5	K.GTLGQDVIDIR.T	15
PHEAT-1202	proteomics_heat	753593	753670	-	6	4	K.LTLNGDTAVELDVLKGTGQDVIDIR.T	30
PHEAT-1203	proteomics_heat	753626	753670	-	6	51	K.LTLNGDTAVELDVLK.G	19
PHEAT-1204	proteomics_heat	753626	753676	-	6	5	K.AKLTNGDTAVELDVLK.G	21
PHEAT-1205	proteomics_heat	758202	758246	-	4	2	R.MLVTTEAVCVNELQD.F	19
PHEAT-1206	proteomics_heat	771331	771372	-	5	6	R.TAAIPKLAIAKER.L	18
PHEAT-1207	proteomics_heat	784163	784222	-	6	9	K.VQTGDGINNDVDTKTDGTTQ.-	24
PHEAT-1208	proteomics_heat	784181	784222	-	6	2	K.VQTGDGINNDVDTK.T	18
PHEAT-1209	proteomics_heat	784181	784225	-	6	3	K.KVQTGDGINNDVDTK.T	19
PHEAT-1210	proteomics_heat	784391	784468	-	6	17	A.ADSGAQTNGQANAAADAGQVAPDAR.E	30
PHEAT-1211	proteomics_heat	786102	786137	-	4	10	R.YYLGNADEIAAK.A	16
PHEAT-1212	proteomics_heat	786138	786239	-	4	30	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.Y	38
PHEAT-1213	proteomics_heat	786141	786239	-	4	6	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLK.R	37
PHEAT-1214	proteomics_heat	786252	786284	-	4	40	R.VIAAHGNSLR.A	15
PHEAT-1215	proteomics_heat	786303	786338	-	4	7	R.VIPYWNETILPR.M	16
PHEAT-1216	proteomics_heat	786303	786341	-	4	2	D.RVIPYWNETILPR.M	17
PHEAT-1217	proteomics_heat	786339	786380	-	4	19	K.ELPLTESLALTIDR.V	18
PHEAT-1218	proteomics_heat	786339	786392	-	4	7	K.LSEKELPLTESLALTIDR.V	22
PHEAT-1219	proteomics_heat	786402	786434	-	4	2	K.DDERYPGH DPR.Y	15
PHEAT-1220	proteomics_heat	786423	786470	-	4	3	R.RGFAVTPPELTKDDER.Y	20
PHEAT-1221	proteomics_heat	786435	786467	-	4	2	R.GFAVTPPELTK.D	15
PHEAT-1222	proteomics_heat	786435	786470	-	4	11	R.RGFAVTPPELTK.D	16
PHEAT-1223	proteomics_heat	786480	786518	-	4	2	K.AETAKEYGDEQVK.Q	17
PHEAT-1224	proteomics_heat	786501	786548	-	4	3	R.HYGALQGLNKAETAEK.Y	20

PHEAT-1225	proteomics_heat	786519	786548	-	4	4	R.HYGALQGLNK.A	14
PHEAT-1226	proteomics_heat	786570	786632	-	4	15	R.AIHTLWNVLDDELQAWLPVEK.S	25
PHEAT-1227	proteomics_heat	786633	786689	-	4	19	K.LLKEEGYSFDFAYTSVLKR.A	23
PHEAT-1228	proteomics_heat	786636	786680	-	4	8	K.EEGYSFDFAYTSVLK.R	19
PHEAT-1229	proteomics_heat	786636	786689	-	4	46	K.LLKEEGYSFDFAYTSVLK.R	22
PHEAT-1230	proteomics_heat	786720	786755	-	4	9	R.FTGWYDVLSEK.G	16
PHEAT-1231	proteomics_heat	786756	786788	-	4	2	R.HGESQWNKENR.F	15
PHEAT-1232	proteomics_heat	786765	786788	-	4	8	R.HGESQWNK.E	12
PHEAT-1233	proteomics_heat	787176	787241	-	4	5	K.VYTTAPALQFYSGNFLGGTPSR.G	26
PHEAT-1234	proteomics_heat	787254	787286	-	4	10	K.VAAHVWSADEK.L	15
PHEAT-1235	proteomics_heat	787341	787382	-	4	2	K.IIASEFLADDDQRK.V	18
PHEAT-1236	proteomics_heat	787344	787382	-	4	5	K.IIASEFLADDDQR.K	17
PHEAT-1237	proteomics_heat	787422	787487	-	4	7	K.LQILADEYLPVDEGGIPHDGLK.S	26
PHEAT-1238	proteomics_heat	787497	787577	-	4	4	R.ATVDKPCPVNMTNHVYFNLDGEQSDVR.N	31
PHEAT-1239	proteomics_heat	787614	787691	-	4	2	R.QVLFALSSDDGDQGFPGNLGATVQYR.L	30
PHEAT-1240	proteomics_heat	787692	787718	-	4	2	R.WQIVNQNDR.Q	13
PHEAT-1241	proteomics_heat	787725	787808	-	4	4	R.YTFDGETVTLSPSQGVNQLHGGPEGFDK.R	32
PHEAT-1242	proteomics_heat	787836	787910	-	4	8	R.EALLGCASPECYQDQAAFLGASIGR.Y	29
PHEAT-1243	proteomics_heat	787938	787997	-	4	32	R.NNAGMVVTLMDWGATLLSAR.I	24
PHEAT-1244	proteomics_heat	788336	788380	-	6	2	R.TVEAASALEQGD LKR.M	19
PHEAT-1245	proteomics_heat	789119	789184	-	6	4	K.TQSLFANAFGYPATHTTIQAPGR.V	26
PHEAT-1246	proteomics_heat	789251	789280	-	6	7	R.DLTAEQAER.L	14
PHEAT-1247	proteomics_heat	790364	790405	-	6	4	R.REGDLPAYWADASK.A	18
PHEAT-1248	proteomics_heat	790445	790531	-	6	24	K.LANKPGVHIYNL GAGVGN SVLDDVVNAFSK.A	33
PHEAT-1249	proteomics_heat	790532	790585	-	6	2	R.DYIHVMDLADGHV VAMEK.L	22
PHEAT-1250	proteomics_heat	790586	790642	-	6	4	R.DSLAIFGNDYPT EDGTGVR.D	23
PHEAT-1251	proteomics_heat	790646	790750	-	6	2	R.YFNPVGAHPSGDMGEDPQ GIPNNLMPYIAQVAVGR.R	39
PHEAT-1252	proteomics_heat	790784	790819	-	6	3	K.LMVEQILTDLQK.A	16
PHEAT-1253	proteomics_heat	790826	790879	-	6	3	K.IPYVESFPTGTPQSPY GK.S	22
PHEAT-1254	proteomics_heat	790961	791026	-	6	4	K.AVGESVQKPLEYYDNNVNGTLR.L	26
PHEAT-1255	proteomics_heat	791027	791098	-	6	6	R.NEALMTEILHDHAIDTVIHFAGLK.A	28
PHEAT-1256	proteomics_heat	791701	791757	-	5	2	K.HPTLLILDEPLQGLDPLNR.Q	23
PHEAT-1257	proteomics_heat	791788	791832	-	5	3	R.TADAPFHSLSWGQQR.L	19
PHEAT-1258	proteomics_heat	792043	792114	-	5	3	K.STLLSLVTGDHPQ GYSNDLTLFGR.R	28
PHEAT-1259	proteomics_heat	792355	792429	-	5	4	R.FDEIPEFVQFAGVLADCTLAETGAK.E	29
PHEAT-1260	proteomics_heat	792499	792582	-	5	6	K.TLLCQALMSEPD LLLILDEPFDGLDVASR.Q	32
PHEAT-1261	proteomics_heat	792667	792711	-	5	4	R.TTAEIIQDEVK DAPR.C	19
PHEAT-1262	proteomics_heat	792712	792756	-	5	5	R.NNTDMLGPGEDDTGR.T	19
PHEAT-1263	proteomics_heat	793361	793390	-	6	2	K.VAITAQSGAR.L	14
PHEAT-1264	proteomics_heat	793508	793573	-	6	2	K.AFDVLSDDDALPLNSLLAAISR.F	26
PHEAT-1265	proteomics_heat	796839	796904	-	4	7	R.ANIVIGDNNTDSIAQFIYSHLI.-	26
PHEAT-1266	proteomics_heat	797136	797183	-	4	3	K.FALTHDDLPLQLQHFGK.H	20
PHEAT-1267	proteomics_heat	797343	797387	-	4	3	K.ALQLIEMLNEHHIHG.L	19
PHEAT-1268	proteomics_heat	805260	805280	-	4	2	R.MWEYNNR.G	11
PHEAT-1269	proteomics_heat	805308	805352	-	4	2	F.AGNTGSVDDNDEIQR.N	19
PHEAT-1270	proteomics_heat	805308	805394	-	4	2	T.AKPWADAVISNRPFAGNTGSVDDNDEIQR.N	33

PHEAT-1271	proteomics_heat	805308	805424	-	4	2	R.DSAINEGFNTAKPWADAVISNRPFAGNTGSVDDNDEIQR.N	43
PHEAT-1272	proteomics_heat	805470	805508	-	4	3	R.FNAFGDGVAQLGR.S	17
PHEAT-1273	proteomics_heat	805509	805586	-	4	22	R.TQQEAYVFAPATLSNIYYGFLAVNSR.F	30
PHEAT-1274	proteomics_heat	805635	805688	-	4	2	R.TLVTNSYIEGDVDIVSGR.G	22
PHEAT-1275	proteomics_heat	805713	805754	-	4	6	R.QNTFFVTNSGVQNR.L	18
PHEAT-1276	proteomics_heat	805755	805802	-	4	7	R.TDGDQVQINNVNIGR.Q	20
PHEAT-1277	proteomics_heat	805941	805991	-	4	3	K.YMPGKPAWYMYDSCQSK.R	21
PHEAT-1278	proteomics_heat	806016	806060	-	4	3	K.IGLSLDGGMSPADWR.H	19
PHEAT-1279	proteomics_heat	806061	806168	-	4	3	R.QYIAMPGEYQGTVYVPAAPGGITLYGTGEKPIDVK.I	40
PHEAT-1280	proteomics_heat	806788	806832	-	5	4	K.TGYDGAAPPKGETHR.Y	19
PHEAT-1281	proteomics_heat	806848	806910	-	5	6	R.VLPQGFSGSLVAMPDGVLTQR.T	25
PHEAT-1282	proteomics_heat	807001	807081	-	5	2	R.HVFNGMGYDGDNISPHLAWDDVPAGTK.S	31
PHEAT-1283	proteomics_heat	807296	807337	-	6	2	K.FFVEQGVWIRPFGK.L	18
PHEAT-1284	proteomics_heat	807338	807400	-	6	3	R.VLGAIGVVETTHPVNMAALQK.F	25
PHEAT-1285	proteomics_heat	807401	807427	-	6	4	R.DAEMVADV.R	13
PHEAT-1286	proteomics_heat	807938	807982	-	6	2	K.GYLPENLFAPAPQSR.M	19
PHEAT-1287	proteomics_heat	815565	815618	-	4	2	R.FGGNGELSGHNLGNLMLK.A	22
PHEAT-1288	proteomics_heat	828329	828415	-	6	3	K.VLLYTDGRDPKPYHGQIGFVSPTAEFTPK.T	33
PHEAT-1289	proteomics_heat	828878	828931	-	6	2	K.AGVSVAAQYDLMLAGYR.N	22
PHEAT-1290	proteomics_heat	828932	828994	-	6	2	K.AGQVLGELDHKPYEIALMQAK.A	25
PHEAT-1291	proteomics_heat	836987	837040	-	6	2	K.IGVVSADGASTLDALEAK.L	22
PHEAT-1292	proteomics_heat	837041	837082	-	6	2	A.AEPVTASQAQNMNK.I	18
PHEAT-1293	proteomics_heat	837936	838007	-	4	2	R.VKLPAGDLVLYPSSSLHCVPVTR.G	28
PHEAT-1294	proteomics_heat	838925	838984	-	6	3	R.TDIENEVEQNDDGTYSQYGK.K	24
PHEAT-1295	proteomics_heat	840293	840328	-	6	2	R.DTFNTEQVEVIK.G	16
PHEAT-1296	proteomics_heat	844967	844993	-	6	4	R.LQEFLQHVS.-	13
PHEAT-1297	proteomics_heat	845012	845047	-	6	3	R.IAEDGNPQVLK.N	16
PHEAT-1298	proteomics_heat	845171	845218	-	6	7	K.MMLFDEPTSALDPELR.H	20
PHEAT-1299	proteomics_heat	845255	845299	-	6	4	R.AHHYPSSELSGGQQQR.V	19
PHEAT-1300	proteomics_heat	845375	845425	-	6	5	Y.LFPHLTALENVFGLR.V	21
PHEAT-1301	proteomics_heat	845495	845551	-	6	2	R.CINKLEEITSGDLIVDGLK.V	23
PHEAT-1302	proteomics_heat	845540	845644	-	6	2	T.QVLHNIDLNIAQGEVVIIIGPSGSGKSTLLRCINK.L	39
PHEAT-1303	proteomics_heat	846505	846537	-	5	4	R.ENGTYNEIYKK.W	15
PHEAT-1304	proteomics_heat	846505	846546	-	5	3	K.TLRENGTYNEIYKK.W	18
PHEAT-1305	proteomics_heat	846547	846588	-	5	2	K.GSDELRDKVNGALK.T	18
PHEAT-1306	proteomics_heat	846589	846639	-	5	5	K.AVGDSLEAQYGIAPFK.G	21
PHEAT-1307	proteomics_heat	846664	846711	-	5	12	R.ADAVLHDTPNILYFIK.T	20
PHEAT-1308	proteomics_heat	846712	846759	-	5	7	R.QFPNIDNAYMELGTNR.A	20
PHEAT-1309	proteomics_heat	846877	846900	-	5	4	K.SGLLMVK.A	12
PHEAT-1310	proteomics_heat	846982	847041	-	5	6	K.LDYELKPMDFSGIIPALQTK.N	24
PHEAT-1311	proteomics_heat	846982	847050	-	5	5	K.ELKLDYELKPMDFSGIIPALQTK.N	27
PHEAT-1312	proteomics_heat	847105	847149	-	5	8	K.LVVATDTAFVPEFEK.Q	19
PHEAT-1313	proteomics_heat	847105	847152	-	5	5	K.KLVVATDTAFVPEFEK.Q	20
PHEAT-1314	proteomics_heat	847676	847714	-	6	16	K.DDDTADILTAASR.D	17
PHEAT-1315	proteomics_heat	847676	847732	-	6	6	K.AIGEAKDDDTADILTAASR.D	23
PHEAT-1316	proteomics_heat	847676	847735	-	6	3	R.KAIGEAKDDDTADILTAASR.D	24

PHEAT-1317	proteomics_heat	847676	847759	-	6	3	Y.AIVANDVRKAIGEAKDDDDTADILTAASR.D	32
PHEAT-1318	proteomics_heat	847733	847762	-	6	6	R.YAIVANDVRK.A	14
PHEAT-1319	proteomics_heat	847736	847762	-	6	4	R.YAIVANDVR.K	13
PHEAT-1320	proteomics_heat	847778	847813	-	6	2	Y.PLDIHNVQDHLK.E	16
PHEAT-1321	proteomics_heat	847778	847819	-	6	16	K.SYPLDIHNVQDHLK.E	18
PHEAT-1322	proteomics_heat	847832	847885	-	6	9	R.AVQLGGVALGTTQVINSK.T	22
PHEAT-1323	proteomics_heat	847886	847924	-	6	7	R.TALIDHLDTMAER.A	17
PHEAT-1324	proteomics_heat	847925	847969	-	6	14	R.GANFIADVHEMLDGFR.T	19
PHEAT-1325	proteomics_heat	847991	848029	-	6	15	R.QVIQFIDLSLITK.Q	17
PHEAT-1326	proteomics_heat	848030	848053	-	6	3	K.ATVELLNR.Q	12
PHEAT-1327	proteomics_heat	848030	848056	-	6	4	K.KATVELLNR.Q	13
PHEAT-1328	proteomics_heat	848081	848104	-	6	7	K.ATNLLYTR.N	12
PHEAT-1329	proteomics_heat	848081	848110	-	6	2	K.SKATNLLYTR.N	14
PHEAT-1330	proteomics_heat	854080	854142	-	5	2	K.SVQTVTVGQPDVDQVVLDEAIK.N	25
PHEAT-1331	proteomics_heat	854143	854223	-	5	9	R.YIEVHNPLSTTEAQFEGQEIVPITLTK.S	31
PHEAT-1332	proteomics_heat	854224	854277	-	5	3	R.VQFIDEPVKATTEPDGSR.Y	22
PHEAT-1333	proteomics_heat	854296	854322	-	5	2	N.EDIKFLFEK.V	13
PHEAT-1334	proteomics_heat	854353	854400	-	5	8	R.LYAIHGTNANFGIGLR.V	20
PHEAT-1335	proteomics_heat	854353	854400	-	5	8	R.LYAIHGTNANFGIGLR.V	20
PHEAT-1336	proteomics_heat	854401	854481	-	5	6	R.AAGEPLPAVVPAGPDNPMGLYALYIGR.L	31
PHEAT-1337	proteomics_heat	854545	854571	-	5	2	K.DTPINWTTK.V	13
PHEAT-1338	proteomics_heat	854572	854622	-	5	3	K.GTNTVIVLPIGIGQLGK.D	21
PHEAT-1339	proteomics_heat	854641	854727	-	5	10	K.GGTVLNIPQQILPDTVHEGIVINSAEMR.L	33
PHEAT-1340	proteomics_heat	857526	857564	-	4	2	R.TEVEEYTVDNNTTK.C	17
PHEAT-1341	proteomics_heat	857652	857690	-	4	4	K.GLGAHTDSGALER.W	17
PHEAT-1342	proteomics_heat	858439	858519	-	5	5	R.YATDDNNHEGALNVIQAVLDNTSPFNS.-	31
PHEAT-1343	proteomics_heat	858760	858807	-	5	2	K.FSLNLPDEQIPLVIDK.L	20
PHEAT-1344	proteomics_heat	858808	858855	-	5	3	R.LKPVKDYQEIDDVLFK.F	20
PHEAT-1345	proteomics_heat	859195	859239	-	5	3	K.VIVTDMDGTFLNDAK.T	19
PHEAT-1346	proteomics_heat	864095	864133	-	6	2	R.QLHSDATVGQPK.V	17
PHEAT-1347	proteomics_heat	864724	864762	-	5	2	K.LAIKPGKPFAPGK.L	17
PHEAT-1348	proteomics_heat	864970	865050	-	5	5	R.VALFSTGDELQLPGQPLGDGQIYDTNR.L	31
PHEAT-1349	proteomics_heat	865060	865122	-	5	6	R.LTTAELPVIASLGIAEVPVIR.K	25
PHEAT-1350	proteomics_heat	865123	865173	-	5	3	R.RGEDISAGAVVFPAGTR.L	21
PHEAT-1351	proteomics_heat	865123	865176	-	5	3	R.RRGEDISAGAVVFPAGTR.L	22
PHEAT-1352	proteomics_heat	865213	865296	-	5	3	R.IMTGAPVPEGCEAVVMQEQTEQMDNGVR.F	32
PHEAT-1353	proteomics_heat	865297	865350	-	5	5	K.SFAGQPYHGEWPAGTCIR.I	22
PHEAT-1354	proteomics_heat	865351	865395	-	5	3	R.LADIASGQPLPVAGK.S	19
PHEAT-1355	proteomics_heat	865396	865473	-	5	8	R.ILASDVVSPLDVPFGDNSAMDGYAVR.L	30
PHEAT-1356	proteomics_heat	865474	865527	-	5	6	R.VTPLTAQETLPLVQCFCGR.I	22
PHEAT-1357	proteomics_heat	865528	865587	-	5	6	F.MEFTTGLMSLDTALNEMLSR.V	24
PHEAT-1358	proteomics_heat	875936	875983	-	6	4	R.VKVEHADEYDLWGSRV.-	20
PHEAT-1359	proteomics_heat	875984	876064	-	6	2	R.SMADAPEIDGAVYLNGETNVKPGDILR.V	31
PHEAT-1360	proteomics_heat	876137	876172	-	6	3	R.FMQLQQQISAER.L	16
PHEAT-1361	proteomics_heat	876449	876493	-	6	6	K.ILPYLDIPLQHASPR.I	19
PHEAT-1362	proteomics_heat	876494	876556	-	6	5	R.LHYVYPYPHVDDVIPLMAEGK.I	25

PHEAT-1363	proteomics_heat	876575	876610	-	6	3	K.TSMVSLCEQLSK.L	16
PHEAT-1364	proteomics_heat	876611	876640	-	6	6	R.TGFHNGEPVK.T	14
PHEAT-1365	proteomics_heat	876647	876697	-	6	3	K.EILVISQDTSAYGV DVK.H	21
PHEAT-1366	proteomics_heat	876719	876769	-	6	5	R.GDLVSRPIGEVLSEAKR.L	21
PHEAT-1367	proteomics_heat	876854	876895	-	6	6	K.HNPFLSLVPEQGVK.L	18
PHEAT-1368	proteomics_heat	879254	879298	-	6	9	K.ECDALFALLDAELAK.V	19
PHEAT-1369	proteomics_heat	879299	879328	-	6	16	R.DQAAIDASCK.E	14
PHEAT-1370	proteomics_heat	879371	879412	-	6	2	K.WMDWANQTL SNAHR.G	18
PHEAT-1371	proteomics_heat	879431	879457	-	6	2	K.RLWIDSPAR.R	13
PHEAT-1372	proteomics_heat	879458	879484	-	6	2	R.YLAAQYGQK.R	13
PHEAT-1373	proteomics_heat	879485	879532	-	6	7	R.DDESDLILWESNAIVR.Y	20
PHEAT-1374	proteomics_heat	879533	879601	-	6	3	R.EFGINH DADFLAMNPGLVPLLR.D	27
PHEAT-1375	proteomics_heat	879602	879658	-	6	7	K.VLLTLEELPYEQILAGR.E	23
PHEAT-1376	proteomics_heat	879602	879661	-	6	2	K.KVLLTLEELPYEQILAGR.E	24
PHEAT-1377	proteomics_heat	881742	881774	-	4	3	R.SASHYLLSDQK.S	15
PHEAT-1378	proteomics_heat	885028	885096	-	5	3	K.DAFATVVEHLLTRPEVEIIACGK.N	27
PHEAT-1379	proteomics_heat	885124	885204	-	5	11	Q.LISFFPEIANEIAFVAENGGWV VSEGK.D	31
PHEAT-1380	proteomics_heat	888449	888493	-	6	2	K.LQHQDLQ TSAQQIAR.E	19
PHEAT-1381	proteomics_heat	889824	889859	-	4	3	R.AEGITKEDLQ QK.A	16
PHEAT-1382	proteomics_heat	889860	889907	-	4	4	K.LSNERDDFQYQYVDIR.A	20
PHEAT-1383	proteomics_heat	899115	899141	-	4	3	K.LNNALAAIK.A	13
PHEAT-1384	proteomics_heat	899157	899216	-	4	8	K.VTDPQYFGTGLGI AVRPDK.A	24
PHEAT-1385	proteomics_heat	899217	899249	-	4	6	K.TNPQLGVATEK.V	15
PHEAT-1386	proteomics_heat	899250	899297	-	4	11	R.IDGVFGDTAVVNEWLK.T	20
PHEAT-1387	proteomics_heat	899307	899351	-	4	5	K.TVSYDSYQNAFIDLK.N	19
PHEAT-1388	proteomics_heat	899352	899381	-	4	12	K.YIQDQHPEVK.T	14
PHEAT-1389	proteomics_heat	899382	899414	-	4	8	R.IGMENGTT HQK.Y	15
PHEAT-1390	proteomics_heat	899457	899510	-	4	15	K.QVSFTTPY YENSAVVIK.K	22
PHEAT-1391	proteomics_heat	899517	899558	-	4	3	K.YDAVISGMDITPER.S	18
PHEAT-1392	proteomics_heat	899517	899561	-	4	12	R.KYDAVISGMDITPER.S	19
PHEAT-1393	proteomics_heat	899568	899630	-	4	5	K.QMQAECTFTNHAFDSLIPSLK.F	25
PHEAT-1394	proteomics_heat	899643	899732	-	4	13	K.INFGVSATYPPFESIGANNEIVGFDIDLAK.A	34
PHEAT-1395	proteomics_heat	900952	900996	-	5	2	R.HALPGLGNQWL VLLK.D	19
PHEAT-1396	proteomics_heat	901495	901524	-	5	9	K.DGTYETIYNK.W	14
PHEAT-1397	proteomics_heat	901582	901629	-	5	6	K.VTDKDYFGTGLGI AVR.Q	20
PHEAT-1398	proteomics_heat	901582	901650	-	5	5	K.LAAVGDKVTDKDYFGTGLGI AVR.Q	27
PHEAT-1399	proteomics_heat	901651	901710	-	5	2	R.IDGVFGDTAVVTEWLKDNPK.L	24
PHEAT-1400	proteomics_heat	901663	901710	-	5	3	R.IDGVFGDTAVVTEWLK.D	20
PHEAT-1401	proteomics_heat	901732	901779	-	5	4	K.HPEITTVPYDSYQNAK.L	20
PHEAT-1402	proteomics_heat	901732	901794	-	5	11	K.FIMDKHPEITTVPYDSYQNAK.L	25
PHEAT-1403	proteomics_heat	901861	901923	-	5	5	K.QVLFTTPYD NSALFVGQQGK.Y	25
PHEAT-1404	proteomics_heat	901861	901929	-	5	2	R.EKQVLFTTPYD NSALFVGQQGK.Y	27
PHEAT-1405	proteomics_heat	901930	901974	-	5	11	R.RVEAVMAGMDITPER.E	19
PHEAT-1406	proteomics_heat	901981	902043	-	5	3	K.EIDATCTFSNQAFDSLIPSLK.F	25
PHEAT-1407	proteomics_heat	902044	902139	-	5	10	R.FATEASYPPFESIDANNQIVGFDV DLAQALCK.E	36
PHEAT-1408	proteomics_heat	902134	902244	-	5	2	K.LSLSLRFGITTMKKVLIAALIAGFSL SATAAETIRFA.T	41

PHEAT-1409	proteomics_heat	902247	902327	-	4	2	R.VVYMENGHIVEQGDASCFTPEPQTEAFK.N	31
PHEAT-1410	proteomics_heat	902403	902495	-	4	8	R.ALMMEPQVLLFDEPTAALDPEITAQIVSIIR.E	35
PHEAT-1411	proteomics_heat	902511	902546	-	4	2	R.YPLHLSGGQQQR.V	16
PHEAT-1412	proteomics_heat	902748	902792	-	4	4	R.SGTLNIAGNHDFDK.T	19
PHEAT-1413	proteomics_heat	903196	903237	-	5	10	R.YLGGSVHATAGTLR.Q	18
PHEAT-1414	proteomics_heat	903349	903402	-	5	5	R.TTLPDSAHVASASTIPNR.D	22
PHEAT-1415	proteomics_heat	903451	903480	-	5	2	K.LATLLSDASR.D	14
PHEAT-1416	proteomics_heat	903451	903522	-	5	4	R.SNDITALRPYLSDKLATLLSDASR.D	28
PHEAT-1417	proteomics_heat	903481	903522	-	5	4	R.SNDITALRPYLSDK.L	18
PHEAT-1418	proteomics_heat	903535	903594	-	5	3	R.SGPCVEGGPDNVAQQFYDYR.I	24
PHEAT-1419	proteomics_heat	907534	907566	-	5	2	R.EQLAEVAHWR.A	15
PHEAT-1420	proteomics_heat	907567	907593	-	5	3	R.LVTHLDVSR.E	13
PHEAT-1421	proteomics_heat	907594	907626	-	5	3	R.NVLINASPIVR.L	15
PHEAT-1422	proteomics_heat	907633	907674	-	5	2	R.VGEENAAALGEYMK.A	18
PHEAT-1423	proteomics_heat	907726	907773	-	5	4	R.LQEDHDNAAWMAEQLR.E	20
PHEAT-1424	proteomics_heat	908011	908040	-	5	4	R.NLALHVDGAR.I	14
PHEAT-1425	proteomics_heat	908092	908124	-	5	3	K.LLSLENTNGK.V	15
PHEAT-1426	proteomics_heat	908302	908370	-	5	2	K.EAAIFLPTGTQANLVALLSHCER.G	27
PHEAT-1427	proteomics_heat	908371	908457	-	5	5	M.MAAPVGDDVYGDDPTVNALQDYAAELSGK.E	33
PHEAT-1428	proteomics_heat	908686	908733	-	5	2	R.AFSIDGPVLVDVVAK.E	20
PHEAT-1429	proteomics_heat	908734	908763	-	5	2	K.ASEVDEALQR.A	14
PHEAT-1430	proteomics_heat	908773	908805	-	5	2	R.IAEACGITGIR.V	15
PHEAT-1431	proteomics_heat	908998	909078	-	5	5	R.LLGSFNHGSMANAMPQALGAQATEPER.Q	31
PHEAT-1432	proteomics_heat	909208	909243	-	5	3	R.KGLDDLAKPSEK.A	16
PHEAT-1433	proteomics_heat	909364	909411	-	5	4	K.IIQIDINPASIGAHSK.V	20
PHEAT-1434	proteomics_heat	909436	909489	-	5	2	H.TMMNADTLVLLGTQFPYR.A	22
PHEAT-1435	proteomics_heat	909622	909675	-	5	3	R.YSSNIALMCGSGCAGAHK.E	22
PHEAT-1436	proteomics_heat	909835	909906	-	5	5	R.ECSHYCELVSSPEQIPQVLAIAMR.K	28
PHEAT-1437	proteomics_heat	909907	910002	-	5	2	R.NHVPVLAIAAHIPSSEIGSGYFQETHPQELFR.E	36
PHEAT-1438	proteomics_heat	910159	910212	-	5	2	R.IWGVGTGDSLNGLSDSLNR.M	22
PHEAT-1439	proteomics_heat	916181	916228	-	6	11	T.LGTFTGTVPLRIRRIKR.A	20
PHEAT-1440	proteomics_heat	917357	917404	-	6	2	R.YEMLDAIQPQMATMFR.G	20
PHEAT-1441	proteomics_heat	917429	917455	-	6	2	R.KEIAEIASK.K	13
PHEAT-1442	proteomics_heat	917690	917728	-	6	2	K.WEIPHQEIQNATK.A	17
PHEAT-1443	proteomics_heat	918224	918280	-	6	13	R.TFTPSESLSSLSLFLSLAR.G	23
PHEAT-1444	proteomics_heat	920624	920662	-	6	6	Q.HQHHCYNAGAGFAR.R	17
PHEAT-1445	proteomics_heat	921643	921684	-	5	4	K.AGQSVQFDVHQGPK.G	18
PHEAT-1446	proteomics_heat	921694	921774	-	5	2	K.GFGFICPEGGGEDIFAHYSTIQMDGYR.T	31
PHEAT-1447	proteomics_heat	925475	925510	-	6	3	K.VTVELTPYDLSK.G	16
PHEAT-1448	proteomics_heat	925475	925519	-	6	2	T.GDKVTVELTPYDLSK.G	19
PHEAT-1449	proteomics_heat	925475	925528	-	6	8	R.ILTGDKVTVELTPYDLSK.G	22
PHEAT-1450	proteomics_heat	925550	925597	-	6	24	R.VELENGHVVTAHISGK.M	20
PHEAT-1451	proteomics_heat	925562	925597	-	6	5	R.VELENGHVVTAH.I	16
PHEAT-1452	proteomics_heat	925598	925663	-	6	6	M.AKEDNIEMQGTVLETLPTNTMFR.V	26
PHEAT-1453	proteomics_heat	927066	927125	-	4	3	R.DNLLASPGSSDEALSEILR.R	24
PHEAT-1454	proteomics_heat	927423	927479	-	4	2	R.ISDLTDQKPEVTFPDTQTR.V	23

PHEAT-1455	proteomics_heat	927705	927749	-	4	3	R.TQLENTEIQWLEAQR.R	19
PHEAT-1456	proteomics_heat	928434	928487	-	4	3	R.YAELSVAGGPFATLLAHR.Q	22
PHEAT-1457	proteomics_heat	928617	928691	-	4	3	R.ALLNPCSLLLLDEPAASLDAHSEQR.V	29
PHEAT-1458	proteomics_heat	928866	928916	-	4	7	K.HLSWVGQNPQLPAATLR.D	21
PHEAT-1459	proteomics_heat	928965	929018	-	4	4	K.SSLLNALSGLSYQGSLR.I	22
PHEAT-1460	proteomics_heat	929097	929174	-	4	4	R.GEAELASTDPVTIEAEELFITSPEGK.T	30
PHEAT-1461	proteomics_heat	929211	929243	-	4	2	K.AQAVGAADSLK.T	15
PHEAT-1462	proteomics_heat	929769	929834	-	4	2	K.PAGSWATLVLEQIDDMHDYYAR.Y	26
PHEAT-1463	proteomics_heat	930311	930337	-	6	3	R.YLDGLADAK.-	13
PHEAT-1464	proteomics_heat	930338	930391	-	6	4	R.QAITSAGTGCMAALDAER.Y	22
PHEAT-1465	proteomics_heat	930338	930412	-	6	2	D.VMDHIYRQAITSAGTGCMAALDAER.Y	29
PHEAT-1466	proteomics_heat	930392	930436	-	6	2	I.PGVFAAGDVMMDHIYR.Q	19
PHEAT-1467	proteomics_heat	930392	930478	-	6	17	K.VQSGIHGNATQTSIPGVFAAGDVMMDHIYR.Q	33
PHEAT-1468	proteomics_heat	930608	930655	-	6	9	R.TLEEVTGDQMGVTGVR.L	20
PHEAT-1469	proteomics_heat	930656	930691	-	6	8	K.VENGNIIHTNR.T	16
PHEAT-1470	proteomics_heat	930656	930703	-	6	16	R.LMDKVENGNIIHTNR.T	20
PHEAT-1471	proteomics_heat	930743	930829	-	6	73	K.VAVIGGGNTAVEEALYLSNIASEVHLIHR.R	33
PHEAT-1472	proteomics_heat	930839	930880	-	6	5	R.GVSACATCDGFFYR.N	18
PHEAT-1473	proteomics_heat	930887	930919	-	6	2	R.YLGLPSEEAFFK.G	15
PHEAT-1474	proteomics_heat	930920	930985	-	6	5	R.LNGDNGEYTCDALIATGASAR.Y	26
PHEAT-1475	proteomics_heat	930986	931048	-	6	3	K.FETEIIFDHINKVDLQNRPF.R.L	25
PHEAT-1476	proteomics_heat	931013	931048	-	6	5	K.FETEIIFDHINK.V	16
PHEAT-1477	proteomics_heat	931070	931153	-	6	11	K.GGQLTTTTTEVENWPGDPNDLTGPLL.MER.M	32
PHEAT-1478	proteomics_heat	931154	931192	-	6	7	R.ANLQPVLITGMEK.G	17
PHEAT-1479	proteomics_heat	931193	931249	-	6	10	K.LLILGSGPAGYTAAVYAAR.A	23
PHEAT-1480	proteomics_heat	944196	944249	-	4	4	R.NDIEGLATLFSNHIPDYR.N	22
PHEAT-1481	proteomics_heat	944562	944636	-	4	6	K.YFNLPTILTTSFETGPNGLVPELK.A	29
PHEAT-1482	proteomics_heat	944637	944669	-	4	3	K.NNVLALGLD.LAK.Y	15
PHEAT-1483	proteomics_heat	944694	944759	-	4	4	R.LDKNDAAVLLVDHQAGLLSLVR.D	26
PHEAT-1484	proteomics_heat	949755	949802	-	4	3	R.YVVVPGWSDDDDDSAHR.L	20
PHEAT-1485	proteomics_heat	949857	949907	-	4	3	K.QMNDEIHQNLVGVSNHR.T	21
PHEAT-1486	proteomics_heat	949971	950012	-	4	2	K.EGIHTCLDTNGFVR.R	18
PHEAT-1487	proteomics_heat	950037	950111	-	4	2	R.HFMNASGGGVTASGGEAILQAEFVR.D	29
PHEAT-1488	proteomics_heat	950238	950285	-	4	7	R.IHSFESCGTVDGPGR.F	20
PHEAT-1489	proteomics_heat	950582	950638	-	6	16	R.EMLLDAMENPEKYPQLTIR.V	23
PHEAT-1490	proteomics_heat	950639	950728	-	6	2	K.TNLAGLMDGYFHHEASIEGGQHLNVVMNR.E	34
PHEAT-1491	proteomics_heat	950729	950758	-	6	2	N.ALGKDDEVRK.T	14
PHEAT-1492	proteomics_heat	950732	950773	-	6	2	F.SIVPNALGKDDEVR.K	18
PHEAT-1493	proteomics_heat	950732	950794	-	6	7	K.DGISYTF.SIVPNALGKDDEVR.K	25
PHEAT-1494	proteomics_heat	950747	950794	-	6	6	K.DGISYTF.SIVPNALGK.D	20
PHEAT-1495	proteomics_heat	950816	950848	-	6	2	K.GAVASLTSVAK.L	15
PHEAT-1496	proteomics_heat	950816	950848	-	6	2	K.GAVASLTSVAK.L	15
PHEAT-1497	proteomics_heat	950858	950902	-	6	9	R.AGAPFGPGANPMHGR.D	19
PHEAT-1498	proteomics_heat	950858	950905	-	6	2	R.RAGAPFGPGANPMHGR.D	20
PHEAT-1499	proteomics_heat	950930	950989	-	6	2	R.DAIPQSVLTITSNVVYGKK.T	24
PHEAT-1500	proteomics_heat	950933	950980	-	6	2	I.PTQSVLTITSNVVYGK.K	20

PHEAT-1501	proteomics_heat	950933	950989	-	6	26	R.DAIPTQSVLTTITSNVYVGK.K	23
PHEAT-1502	proteomics_heat	951026	951058	-	6	9	R.VDDLAVDLVER.F	15
PHEAT-1503	proteomics_heat	951059	951130	-	6	5	R.DEDGLAIDFEIEGEYPQFGNNDPR.V	28
PHEAT-1504	proteomics_heat	951155	951214	-	6	40	R.TMACGIAGLSVAADSLSAIK.Y	24
PHEAT-1505	proteomics_heat	951227	951265	-	6	5	K.YSYEASLMALHDR.D	17
PHEAT-1506	proteomics_heat	951227	951265	-	6	5	K.YSYEASLMALHDR.D	17
PHEAT-1507	proteomics_heat	951266	951310	-	6	7	K.QYITALNIIHYMHDK.Y	19
PHEAT-1508	proteomics_heat	951311	951340	-	6	6	R.MDHFMDWLAK.Q	14
PHEAT-1509	proteomics_heat	951341	951391	-	6	12	K.SEPIKGDVLNYDEVMER.M	21
PHEAT-1510	proteomics_heat	951416	951442	-	6	2	Y.AINGGVDEK.L	13
PHEAT-1511	proteomics_heat	951416	951442	-	6	2	Y.AINGGVDEK.L	13
PHEAT-1512	proteomics_heat	951416	951454	-	6	6	K.TMLYAINGGVDEK.L	17
PHEAT-1513	proteomics_heat	951494	951607	-	6	3	K.VSIDTSSLQYENDDLMRPDFNNDYAIACCVSPMIVGK.Q	42
PHEAT-1514	proteomics_heat	951521	951607	-	6	4	K.VSIDTSSLQYENDDLMRPDFNNDYAIAC.C	33
PHEAT-1515	proteomics_heat	951641	951709	-	6	14	R.FLNTLYTMGPSPEPNMTILWSEK.L	27
PHEAT-1516	proteomics_heat	951737	951817	-	6	14	R.TPEYDELFSGDPIWATESIGGMGLDGR.T	31
PHEAT-1517	proteomics_heat	951842	951889	-	6	9	K.ITEQEAQEMVDHLVMK.L	20
PHEAT-1518	proteomics_heat	951908	951940	-	6	3	R.TSTFLDVYIER.D	15
PHEAT-1519	proteomics_heat	951941	951973	-	6	5	K.SQNGAAMSFRG.T	15
PHEAT-1520	proteomics_heat	951974	952057	-	6	38	K.YGYDISGPATNAQEAIQWTFYGYLAAVK.S	32
PHEAT-1521	proteomics_heat	952091	952120	-	6	2	R.LREEIAEQHR.A	14
PHEAT-1522	proteomics_heat	952121	952186	-	6	18	K.LAQFTSLQADLENGVNLEQTIR.L	26
PHEAT-1523	proteomics_heat	952121	952192	-	6	19	K.DKLAQFTSLQADLENGVNLEQTIR.L	28
PHEAT-1524	proteomics_heat	952193	952225	-	6	8	R.VALYGIDYLMK.D	15
PHEAT-1525	proteomics_heat	952193	952228	-	6	3	R.RVALYGIDYLMK.D	16
PHEAT-1526	proteomics_heat	952253	952291	-	6	4	K.SGVLTGLPDAYGR.G	17
PHEAT-1527	proteomics_heat	952253	952294	-	6	5	R.KSGVLTGLPDAYGR.G	18
PHEAT-1528	proteomics_heat	952301	952348	-	6	17	K.THNQGVFDVYTPDILR.C	20
PHEAT-1529	proteomics_heat	952301	952351	-	6	5	R.KTHNQGVFDVYTPDILR.C	21
PHEAT-1530	proteomics_heat	952301	952369	-	6	6	K.IFTEYRKTTHNQGVFDVYTPDILR.C	27
PHEAT-1531	proteomics_heat	952454	952489	-	6	10	K.IVGLQTEAPLKR.A	16
PHEAT-1532	proteomics_heat	952502	952576	-	6	52	R.THAPVDFDTAVASTITSHDAGYINK.Q	29
PHEAT-1533	proteomics_heat	952607	952681	-	6	11	K.NYTPYEGDESFLAGATEATTTLWDK.V	29
PHEAT-1534	proteomics_heat	952697	952726	-	6	2	K.GDWQNEVNV.R.D	14
PHEAT-1535	proteomics_heat	952727	952756	-	6	6	K.LATAWEGFTK.G	14
PHEAT-1536	proteomics_heat	954266	954340	-	6	3	R.CLQTLLELLAQEEDRQPLQYLNAFVR.M	29
PHEAT-1537	proteomics_heat	955178	955231	-	6	2	R.IIAESISLPEIPADVLAR.Y	22
PHEAT-1538	proteomics_heat	955481	955534	-	6	2	K.WFPLTENDDVPEGLDDR.L	22
PHEAT-1539	proteomics_heat	955673	955708	-	6	2	R.DKECALCFTNGK.G	16
PHEAT-1540	proteomics_heat	955799	955828	-	6	6	K.DAALED SIAR.F	14
PHEAT-1541	proteomics_heat	955799	955852	-	6	2	M.TQTFIPGKDAALEDSIAR.F	22
PHEAT-1542	proteomics_heat	964694	964762	-	6	5	A.RINGTVINVTKGIANRFAINEVR.L	27
PHEAT-1543	proteomics_heat	983811	983852	-	4	90	R.LREEFGVYAVASGR.V	18
PHEAT-1544	proteomics_heat	983868	983903	-	4	4	K.QNGMFSFSGLTK.E	16
PHEAT-1545	proteomics_heat	983904	983936	-	4	2	K.GANRDFSFIK.Q	15
PHEAT-1546	proteomics_heat	983937	983966	-	4	4	R.QLFVNTLQEK.G	14

PHEAT-1547	proteomics_heat	983988	984020	-	4	6	R.AIWEQELTDMR.Q	15
PHEAT-1548	proteomics_heat	984021	984092	-	4	26	R.ANYSNPPAHGASVVATILSN DALR.A	28
PHEAT-1549	proteomics_heat	984123	984170	-	4	28	R.VGACTLVAADSETVDR.A	20
PHEAT-1550	proteomics_heat	984171	984194	-	4	4	K.NFGLYNER.V	12
PHEAT-1551	proteomics_heat	984195	984224	-	4	7	K.ELIVASSYSK.N	14
PHEAT-1552	proteomics_heat	984225	984245	-	4	4	R.AFAAMHK.E	11
PHEAT-1553	proteomics_heat	984246	984275	-	4	7	R.GLEEDA EGLR.A	14
PHEAT-1554	proteomics_heat	984276	984320	-	4	24	K.GWLPLDFAYQGFAR.G	19
PHEAT-1555	proteomics_heat	984321	984401	-	4	2	F.HGCCHNPTGIDPTLEQWQTLAQLSVEK.G	31
PHEAT-1556	proteomics_heat	984498	984530	-	4	5	K.SVFNSAGLEVR.E	15
PHEAT-1557	proteomics_heat	984531	984566	-	4	8	R.VWVSNPSWPNHK.S	16
PHEAT-1558	proteomics_heat	984609	984644	-	4	8	R.TAQTGGTGALR.V	16
PHEAT-1559	proteomics_heat	984651	984677	-	4	12	K.GSALINDKR.A	13
PHEAT-1560	proteomics_heat	984654	984677	-	4	2	K.GSALINDK.R	12
PHEAT-1561	proteomics_heat	984678	984704	-	4	5	R.CTQELLFGK.G	13
PHEAT-1562	proteomics_heat	984705	984743	-	4	2	K.NYLGIDGIPEFGR.C	17
PHEAT-1563	proteomics_heat	984744	984782	-	4	19	K.KAEQYLLNETTK.N	17
PHEAT-1564	proteomics_heat	984783	984821	-	4	3	K.DETGKTPVLTSVK.K	17
PHEAT-1565	proteomics_heat	984783	984848	-	4	19	K.INLGIGVYKDETGKTPVLTSVK.K	26
PHEAT-1566	proteomics_heat	984807	984848	-	4	4	K.INLGIGVYKDETGK.T	18
PHEAT-1567	proteomics_heat	984822	984848	-	4	2	K.INLGIGVYK.D	13
PHEAT-1568	proteomics_heat	984870	984929	-	4	2	M.FENITAAPADPILGLADLFR.A	24
PHEAT-1569	proteomics_heat	984870	984932	-	4	18	V.MFENITAAPADPILGLADLFR.A	25
PHEAT-1570	proteomics_heat	985171	985224	-	5	7	K.NMSTYVDYIINQIDSDNK.L	22
PHEAT-1571	proteomics_heat	985225	985296	-	5	5	K.DVEGIGDVLVNYFEVGATYYFNK.N	28
PHEAT-1572	proteomics_heat	985309	985380	-	5	2	K.TQDVLVAQYQDFGLRPSIAYTK.S	28
PHEAT-1573	proteomics_heat	985381	985410	-	5	3	K.FTNTSGFANK.T	14
PHEAT-1574	proteomics_heat	985435	985482	-	5	8	K.YDANNIYLAANYGETR.N	20
PHEAT-1575	proteomics_heat	985483	985512	-	5	6	K.KAEQWATGLK.Y	14
PHEAT-1576	proteomics_heat	985510	985551	-	5	4	R.TNLQEAQPLGNGKK.A	18
PHEAT-1577	proteomics_heat	985513	985551	-	5	8	R.TNLQEAQPLGNGK.K	17
PHEAT-1578	proteomics_heat	985660	985719	-	5	6	R.NSNFFGLVDGLNFAVQYL GK.N	24
PHEAT-1579	proteomics_heat	985720	985743	-	5	2	R.VGGVATYR.N	12
PHEAT-1580	proteomics_heat	985744	985839	-	5	4	R.NYGVVYDALGYTDMLPEFGGDTAYSDDFFVGR.V	36
PHEAT-1581	proteomics_heat	985840	985872	-	5	4	K.YADVGSFDYGR.N	15
PHEAT-1582	proteomics_heat	986014	986064	-	5	6	K.GNGENSYGGNGDMTYAR.L	21
PHEAT-1583	proteomics_heat	986065	986091	-	5	7	K.AVGLHYFSK.G	13
PHEAT-1584	proteomics_heat	986092	986121	-	5	2	K.DGNKVDLYGK.A	14
PHEAT-1585	proteomics_heat	986092	986139	-	5	4	A.AEIYNKDG NKVDLYGK.A	20
PHEAT-1586	proteomics_heat	986853	986888	-	4	10	R.LIAYVTGVQNV R.D	16
PHEAT-1587	proteomics_heat	986889	986915	-	4	2	H.SGFGLGFER.L	13
PHEAT-1588	proteomics_heat	986889	986933	-	4	19	R.YGTVPHSGFGLGFER.L	19
PHEAT-1589	proteomics_heat	986946	986990	-	4	8	R.MLEMGLNKEDYWWYR.D	19
PHEAT-1590	proteomics_heat	987021	987083	-	4	16	K.TVAAMDVLAPGIGEIIIGGSQR.E	25
PHEAT-1591	proteomics_heat	987156	987179	-	4	6	R.YLAEHFK.A	12
PHEAT-1592	proteomics_heat	987180	987233	-	4	16	R.KFENPVYWGVDLSSEHER.Y	22

PHEAT-1593	proteomics_heat	987234	987302	-	4	16	R.FIEADFAQVDYTDVAVTILENCGR.K	27
PHEAT-1594	proteomics_heat	987507	987533	-	4	2	K.IYTFGPTFR.A	13
PHEAT-1595	proteomics_heat	987534	987596	-	4	10	K.ESFLTVSGQLNGETYACALSK.I	25
PHEAT-1596	proteomics_heat	987597	987641	-	4	7	R.NDQGKVDKDFKDFFGK.E	19
PHEAT-1597	proteomics_heat	987642	987674	-	4	6	R.VSTLDLENLPR.N	15
PHEAT-1598	proteomics_heat	987675	987758	-	4	7	R.FFNEQGFVWSTPLITASDTEGAGEMFR.V	32
PHEAT-1599	proteomics_heat	987792	987818	-	4	2	R.TNLIGAVAR.V	13
PHEAT-1600	proteomics_heat	987867	987893	-	4	2	D.PDTYPMAAK.R	13
PHEAT-1601	proteomics_heat	987867	987920	-	4	11	K.VEVAGWVEDPDTYPMAAK.R	22
PHEAT-1602	proteomics_heat	987921	987971	-	4	8	K.VVASPGQGQFEIQASK.V	21
PHEAT-1603	proteomics_heat	987972	988007	-	4	2	R.LTTGCSVIVTGK.V	16
PHEAT-1604	proteomics_heat	988008	988094	-	4	4	F.LAVYDGCSCFDPVQAVINNSLPNYNEDVLR.L	33
PHEAT-1605	proteomics_heat	988008	988109	-	4	15	K.AGISFLAVYDGCSCFDPVQAVINNSLPNYNEDVLR.L	38
PHEAT-1606	proteomics_heat	988140	988169	-	4	5	R.VAVDSEVTVR.G	14
PHEAT-1607	proteomics_heat	988170	988205	-	4	4	M.SVVPVADV LQGR.V	16
PHEAT-1608	proteomics_heat	988476	988508	-	4	2	K.LVECNGKPVAK.L	15
PHEAT-1609	proteomics_heat	988509	988556	-	4	2	R.LTCDIPQVKPLNIVIK.L	20
PHEAT-1610	proteomics_heat	988620	988655	-	4	2	K.TLVFSDNLDLRK.A	16
PHEAT-1611	proteomics_heat	988701	988736	-	4	3	R.HDSGDPVEWGEK.A	16
PHEAT-1612	proteomics_heat	988866	988907	-	4	5	Q.AHQQISPD LANSQR.A	18
PHEAT-1613	proteomics_heat	988866	988952	-	4	2	R.LSLTPMGTQAHEWFQAHQQISPD LANSQR.A	33
PHEAT-1614	proteomics_heat	988956	989006	-	4	3	R.LQQESWVFGTSNYDLAR.R	21
PHEAT-1615	proteomics_heat	989121	989168	-	4	3	R.SPQADVAQALDTLESK.L	20
PHEAT-1616	proteomics_heat	989121	989174	-	4	2	R.YRSPQADVAQALDTLESK.L	22
PHEAT-1617	proteomics_heat	989262	989303	-	4	3	R.FNPEQVTVSNDNGK.L	18
PHEAT-1618	proteomics_heat	989337	989384	-	4	8	R.LQDDEYQWLSALPFFK.A	20
PHEAT-1619	proteomics_heat	989385	989414	-	4	4	R.EQVQAMQH L R.L	14
PHEAT-1620	proteomics_heat	989523	989576	-	4	3	M.TQFASPVLHSLLDTDAYK.L	22
PHEAT-1621	proteomics_heat	994420	994500	-	5	2	D.EAWQAERLISHLDDETIAKAQA A FAR.T	31
PHEAT-1622	proteomics_heat	1005789	1005827	-	4	3	R.VQLLEGEVTP LKK.S	17
PHEAT-1623	proteomics_heat	1005870	1005920	-	4	4	R.GNNQQV LLEQLENQGIR.I	21
PHEAT-1624	proteomics_heat	1006206	1006247	-	4	2	R.IGDVVFDVVKPCSR.C	18
PHEAT-1625	proteomics_heat	1006356	1006424	-	4	2	R.HNTVPLSFADGYPYLLANEASLR.D	27
PHEAT-1626	proteomics_heat	1006524	1006586	-	4	2	R.FADFATQDAPTEVWGTHFTAR.I	25
PHEAT-1627	proteomics_heat	1006587	1006655	-	4	4	R.FTPSPVHDGLHLTAPDGSSAYVR.F	27
PHEAT-1628	proteomics_heat	1006722	1006775	-	4	3	R.GIGLTHALADV SGLAFDR.I	22
PHEAT-1629	proteomics_heat	1015208	1015234	-	6	5	R.LIYTASDLK.V	13
PHEAT-1630	proteomics_heat	1015235	1015279	-	6	2	R.LIMGLADGEVLVDGR.L	19
PHEAT-1631	proteomics_heat	1015235	1015282	-	6	2	R.RLIMGLADGEVLVDGR.L	20
PHEAT-1632	proteomics_heat	1015325	1015354	-	6	5	K.FTGQVLPTAK.K	14
PHEAT-1633	proteomics_heat	1015355	1015378	-	6	2	R.ALGVGEVK.F	12
PHEAT-1634	proteomics_heat	1015538	1015567	-	6	5	K.MTETGGNFDK.G	14
PHEAT-1635	proteomics_heat	1015577	1015618	-	6	2	K.GPQLPAPNMLMMDR.V	18
PHEAT-1636	proteomics_heat	1015640	1015678	-	6	5	R.ESYTKEDLLASGR.G	17
PHEAT-1637	proteomics_heat	1016356	1016406	-	5	2	R.ISCVVHIGDGEFTDIER.K	21
PHEAT-1638	proteomics_heat	1016428	1016478	-	5	2	R.IGQINALSVIEFPGHPR.A	21

PHEAT-1639	proteomics_heat	1017445	1017495	-	5	2	R.DLVPDTSYQEIFAQPH.L	21
PHEAT-1640	proteomics_heat	1018239	1018271	-	4	30	K.GIKDVVTQPQA.-	15
PHEAT-1641	proteomics_heat	1018239	1018292	-	4	3	R.RVEIEVKGIKDVVTQPQA.-	22
PHEAT-1642	proteomics_heat	1018239	1018325	-	4	2	R.AALIDCLAPDRRVEIEVKGIKDVVTQPQA.-	33
PHEAT-1643	proteomics_heat	1018293	1018325	-	4	12	R.AALIDCLAPDR.R	15
PHEAT-1644	proteomics_heat	1018293	1018328	-	4	6	Q.RAALIDCLAPDR.R	16
PHEAT-1645	proteomics_heat	1018326	1018382	-	4	2	R.GMGESNPVTGNTCDNVKQR.A	23
PHEAT-1646	proteomics_heat	1018332	1018364	-	4	4	N.PVTGNTCDNVK.Q	15
PHEAT-1647	proteomics_heat	1018332	1018370	-	4	3	E.SNPVTGNTCDNVK.Q	17
PHEAT-1648	proteomics_heat	1018332	1018382	-	4	40	R.GMGESNPVTGNTCDNVK.Q	21
PHEAT-1649	proteomics_heat	1018332	1018385	-	4	5	A.RMGESNPVTGNTCDNVK.Q	22
PHEAT-1650	proteomics_heat	1018383	1018406	-	4	6	I.PADKISAR.G	12
PHEAT-1651	proteomics_heat	1018383	1018412	-	4	4	K.GIPADKISAR.G	14
PHEAT-1652	proteomics_heat	1018413	1018439	-	4	2	Q.SVVDYLISK.G	13
PHEAT-1653	proteomics_heat	1018413	1018445	-	4	13	R.AQSVVDYLISK.G	15
PHEAT-1654	proteomics_heat	1018413	1018448	-	4	107	R.RAQSVVDYLISK.G	16
PHEAT-1655	proteomics_heat	1018449	1018487	-	4	54	R.IGSDAYNQGLSER.R	17
PHEAT-1656	proteomics_heat	1018449	1018490	-	4	9	D.RIGSDAYNQGLSER.R	18
PHEAT-1657	proteomics_heat	1018488	1018523	-	4	70	K.DGSVVVLGYTDR.I	16
PHEAT-1658	proteomics_heat	1018524	1018592	-	4	3	A.TLKPEGQAALDQLYSQLSNLDPK.D	27
PHEAT-1659	proteomics_heat	1018524	1018595	-	4	131	K.ATLKPEGQAALDQLYSQLSNLDPK.D	28
PHEAT-1660	proteomics_heat	1018524	1018598	-	4	2	N.KATLKPEGQAALDQLYSQLSNLDPK.D	29
PHEAT-1661	proteomics_heat	1018530	1018595	-	4	14	K.ATLKPEGQAALDQLYSQLSNLD.P	26
PHEAT-1662	proteomics_heat	1018596	1018622	-	4	29	K.SDVLFNFK.A	13
PHEAT-1663	proteomics_heat	1018638	1018667	-	4	3	A.PAPAPEVQTK.H	14
PHEAT-1664	proteomics_heat	1018638	1018673	-	4	3	A.PAPAPEVQTK.H	16
PHEAT-1665	proteomics_heat	1018638	1018685	-	4	2	A.PVVAPAPAPEVQTK.H	20
PHEAT-1666	proteomics_heat	1018638	1018706	-	4	25	R.FGQGEAAPVVAPAPAPEVQTK.H	27
PHEAT-1667	proteomics_heat	1018707	1018799	-	4	17	R.LEYQWTNNIGDAHTIGTRPDNGMLSLGVSYR.F	35
PHEAT-1668	proteomics_heat	1018800	1018874	-	4	53	K.NHDTGVSPVFAGGVEYAITPEIATR.L	29
PHEAT-1669	proteomics_heat	1018905	1018925	-	4	2	R.LGGMVWR.A	11
PHEAT-1670	proteomics_heat	1018926	1018967	-	4	27	K.LGYPTDDLDIYTR.L	18
PHEAT-1671	proteomics_heat	1018968	1018994	-	4	2	K.AQGVQLTAK.L	13
PHEAT-1672	proteomics_heat	1018995	1019021	-	4	6	K.GSVENGAYK.A	13
PHEAT-1673	proteomics_heat	1018995	1019033	-	4	6	R.MPYKGSVENGAYK.A	17
PHEAT-1674	proteomics_heat	1019034	1019117	-	4	60	E.NQLGAGAFGGYQVNPYVGFEMGYDWLGR.M	32
PHEAT-1675	proteomics_heat	1019118	1019177	-	4	13	K.LGWSQYHDTGFINNNGPHE.N	24
PHEAT-1676	proteomics_heat	1019136	1019177	-	4	2	K.LGWSQYHDTGFINN.N	18
PHEAT-1677	proteomics_heat	1021412	1021450	-	6	2	R.YLDAILEQYHQGR.D	17
PHEAT-1678	proteomics_heat	1022156	1022188	-	6	2	R.AFTHIDAALER.M	15
PHEAT-1679	proteomics_heat	1023155	1023190	-	6	2	R.RVSVETAQAAR.E	16
PHEAT-1680	proteomics_heat	1023608	1023640	-	6	2	K.TCSSPKKRYNC.R	15
PHEAT-1681	proteomics_heat	1025993	1026076	-	6	6	R.ATGMNVNAMLSGPMGGDQQVGALISEGK.I	32
PHEAT-1682	proteomics_heat	1026077	1026142	-	6	6	R.HQPLLEQHVLVYATGTTGNLISR.A	26
PHEAT-1683	proteomics_heat	1026143	1026169	-	6	3	K.QMLMSWVER.H	13
PHEAT-1684	proteomics_heat	1027906	1027929	-	5	2	K.FGIGQQR.H	12

PHEAT-1685	proteomics_heat	1028026	1028079	-	5	4	R.QAADHPVIATYPEGLYLK.G	22
PHEAT-1686	proteomics_heat	1028620	1028700	-	5	2	K.EGMELTQGPVTGELPPALLPIEEHGMK.L	31
PHEAT-1687	proteomics_heat	1028620	1028706	-	5	3	R.KKEGMELTQGPVTGELPPALLPIEEHGMK.L	33
PHEAT-1688	proteomics_heat	1028725	1028781	-	5	2	R.AALISALQTLYPECSIYDR.S	23
PHEAT-1689	proteomics_heat	1028782	1028835	-	5	20	R.FGNFLVLQLLSAGAERYR.A	22
PHEAT-1690	proteomics_heat	1028836	1028883	-	5	2	R.LIAGESDGLPGITIDR.F	20
PHEAT-1691	proteomics_heat	1028950	1029000	-	5	3	R.VWTFDPSEIDIAFFSR.R	21
PHEAT-1692	proteomics_heat	1029049	1029093	-	5	4	K.ASLGETIDIVDHQGK.W	19
PHEAT-1693	proteomics_heat	1029838	1029870	-	5	2	K.EIETDTEGYLK.E	15
PHEAT-1694	proteomics_heat	1057127	1057174	-	6	2	M.PHHIVIVEDEPVTQAR.L	20
PHEAT-1695	proteomics_heat	1062480	1062509	-	4	3	K.IPAGVGNQR.I	14
PHEAT-1696	proteomics_heat	1062525	1062587	-	4	9	R.TISYNLPVYNAAFMIQEIPK.T	25
PHEAT-1697	proteomics_heat	1062678	1062761	-	4	10	R.QFHHGDGQSFNAEDFDDIFSSIFGQHAR.Q	32
PHEAT-1698	proteomics_heat	1062816	1062863	-	4	5	R.FKEVAEAWEVLSDEQR.R	20
PHEAT-1699	proteomics_heat	1066099	1066143	-	5	7	K.TDKDSLFWGEQTIER.K	19
PHEAT-1700	proteomics_heat	1066156	1066191	-	5	2	K.IWEEGSDEVLVK.A	16
PHEAT-1701	proteomics_heat	1066204	1066260	-	5	25	R.NTSPEIAEAI FEVAGYDEK.M	23
PHEAT-1702	proteomics_heat	1066347	1066382	-	4	4	R.YQGEYVAGLAVK.L	16
PHEAT-1703	proteomics_heat	1066416	1066466	-	4	14	R.GGTPYGATTIAGGDGSR.Q	21
PHEAT-1704	proteomics_heat	1066614	1066667	-	4	20	R.TFLDQTGGWLWASGALYGK.L	22
PHEAT-1705	proteomics_heat	1066668	1066694	-	4	2	R.FGNMSGQMR.T	13
PHEAT-1706	proteomics_heat	1066695	1066769	-	4	8	K.TQTAPVATPQELADYDAIIFGTPTR.F	29
PHEAT-1707	proteomics_heat	1066782	1066820	-	4	31	K.RVPETMPPQLFEK.A	17
PHEAT-1708	proteomics_heat	1066818	1066847	-	4	2	K.VDGAEVVVKR.V	14
PHEAT-1709	proteomics_heat	1066821	1066847	-	4	6	K.VDGAEVVVK.R	13
PHEAT-1710	proteomics_heat	1066821	1066871	-	4	6	R.AVAEGASKVDGAEVVVK.R	21
PHEAT-1711	proteomics_heat	1074734	1074781	-	6	3	R.LLANRPESALAVTLAR.Q	20
PHEAT-1712	proteomics_heat	1074809	1074877	-	6	2	R.NMVGAVVGVQPFGGGLSGTGPK.A	27
PHEAT-1713	proteomics_heat	1077287	1077346	-	6	2	R.LMGEQFVTGETIAEALANAR.K	24
PHEAT-1714	proteomics_heat	1077761	1077805	-	6	5	R.RPETEAVSMLEQAR.L	19
PHEAT-1715	proteomics_heat	1079434	1079520	-	5	6	R.QQNPNGNPRVKQNLRFQDKHTLGVLIYRTS.Q	33
PHEAT-1716	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1717	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1718	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1719	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1720	proteomics_heat	1094529	1094585	-	4	2	K.LAERIGVTAARELSLYES.Q	23
PHEAT-1721	proteomics_heat	1113288	1113359	-	4	16	R.EEFLADNPGIDAEDANVQQFNAQK.Y	28
PHEAT-1722	proteomics_heat	1113288	1113401	-	4	4	M.TMYATLEEIDAAREEFLADNPGIDAEDANVQQFNAQK.Y	42
PHEAT-1723	proteomics_heat	1113360	1113401	-	4	4	M.TMYATLEEIDAAR.E	18
PHEAT-1724	proteomics_heat	1115116	1115187	-	5	3	R.SSVFVPLFAVEQAATTTGTWMLAR.M	28
PHEAT-1725	proteomics_heat	1117283	1117360	-	6	6	K.KDGDLDITGDLTLNGVTKPVTLEAK.L	30
PHEAT-1726	proteomics_heat	1117358	1117396	-	6	2	K.YPQATFTSTSVKK.D	17
PHEAT-1727	proteomics_heat	1117439	1117489	-	6	2	K.VNVTINTTSVDTNHAER.D	21
PHEAT-1728	proteomics_heat	1117439	1117507	-	6	6	K.NPAADKVNVTINTTSVDTNHAER.D	27
PHEAT-1729	proteomics_heat	1117508	1117540	-	6	2	K.DFDGTFTFDEK.N	15
PHEAT-1730	proteomics_heat	1117541	1117582	-	6	6	R.IQHLGYSWLYGTFK.D	18

PHEAT-1731	proteomics_heat	1117583	1117612	-	6	2	K.EGQHAFVNFR.I	14
PHEAT-1732	proteomics_heat	1117583	1117621	-	6	2	K.IDKEGQHAFVNFR.I	17
PHEAT-1733	proteomics_heat	1117583	1117633	-	6	2	A.ADYKIDKEGQHAFVNFR.I	21
PHEAT-1734	proteomics_heat	1118736	1118786	-	4	2	K.FASVLGEIAADFAQDKK.S	21
PHEAT-1735	proteomics_heat	1118739	1118786	-	4	2	K.FASVLGEIAADFAQDK.K	20
PHEAT-1736	proteomics_heat	1118931	1118984	-	4	7	R.VPFAEVASDGSEAFPFLR.N	22
PHEAT-1737	proteomics_heat	1118985	1119023	-	4	2	K.HNGGQVIHSADER.V	17
PHEAT-1738	proteomics_heat	1119033	1119113	-	4	3	K.NKFPFTGELPNGDQYYGFPENDALK.I	31
PHEAT-1739	proteomics_heat	1119282	1119329	-	4	2	K.EAGCAQLFNCPVTAIR.H	20
PHEAT-1740	proteomics_heat	1119369	1119419	-	4	8	R.VPDNYIGLFETDSGFLR.S	21
PHEAT-1741	proteomics_heat	1119462	1119551	-	4	3	R.SGVINLGPADSTFLANVAHSAEQWQLNVEK.L	34
PHEAT-1742	proteomics_heat	1119552	1119581	-	4	2	R.HNEEDPIFVR.S	14
PHEAT-1743	proteomics_heat	1119612	1119656	-	4	2	R.HAYGEGEKYVPLVLR.A	19
PHEAT-1744	proteomics_heat	1119933	1119968	-	4	2	K.IESGDFQVNEYR.R	16
PHEAT-1745	proteomics_heat	1120089	1120169	-	4	13	K.NNEVIQTHPLVGDISTVDSYDALMLR.L	31
PHEAT-1746	proteomics_heat	1120802	1120879	-	6	11	R.EEQQVAESIALTDDTLVPFLAGETVR.W	30
PHEAT-1747	proteomics_heat	1121060	1121095	-	6	8	R.VFLGTDSAPHAR.H	16
PHEAT-1748	proteomics_heat	1121096	1121122	-	6	2	R.ELVASGFNR.V	13
PHEAT-1749	proteomics_heat	1121207	1121248	-	6	12	R.LAATITPQHLMFNR.N	18
PHEAT-1750	proteomics_heat	1121264	1121284	-	6	7	K.DAADYVR.D	11
PHEAT-1751	proteomics_heat	1121285	1121311	-	6	6	K.VVFEHITTK.D	13
PHEAT-1752	proteomics_heat	1121333	1121362	-	6	4	R.FIESVMEPLR.Q	14
PHEAT-1753	proteomics_heat	1121372	1121434	-	6	20	K.IGMPLLVHGEVTHADIDIFDR.E	25
PHEAT-1754	proteomics_heat	1121444	1121494	-	6	2	N.SSHGVTSIDAIMPVLER.M	21
PHEAT-1755	proteomics_heat	1121444	1121521	-	6	7	K.LYPANATTNSSHGVTSIDAIMPVLER.M	30
PHEAT-1756	proteomics_heat	1121522	1121554	-	6	2	R.GFNEGVFTAAL.L	15
PHEAT-1757	proteomics_heat	1121555	1121644	-	6	10	R.ILDAVPAGHDFTPLMTCYLTDSLDPNELER.G	34
PHEAT-1758	proteomics_heat	1121651	1121713	-	6	14	R.AIVMPNLAPPVTTVEAAVAYR.Q	25
PHEAT-1759	proteomics_heat	1121714	1121749	-	6	5	K.TVVPYTSEIYGR.A	16
PHEAT-1760	proteomics_heat	1122029	1122064	-	6	3	R.NYFNQQPAYVLR.E	16
PHEAT-1761	proteomics_heat	1122065	1122115	-	6	6	K.MQTMQTLPLPYLNQALR.N	21
PHEAT-1762	proteomics_heat	1122116	1122154	-	6	3	K.EMEVVDATVQPEK.M	17
PHEAT-1763	proteomics_heat	1122669	1122698	-	4	2	R.VADYRDNMAK.Q	14
PHEAT-1764	proteomics_heat	1122699	1122737	-	4	2	R.NLTLVAGINWPSR.V	17
PHEAT-1765	proteomics_heat	1122738	1122809	-	4	7	K.LIVKPNVANGELSEDDIQLFPLLR.N	28
PHEAT-1766	proteomics_heat	1122843	1122899	-	4	3	K.EASAGNFADLLAHS DGLIK.N	23
PHEAT-1767	proteomics_heat	1122921	1122956	-	4	2	K.SAFDEFSTPAAR.K	16
PHEAT-1768	proteomics_heat	1123005	1123034	-	4	2	K.RSPAIEEWLR.K	14
PHEAT-1769	proteomics_heat	1123035	1123064	-	4	2	K.LDGKPLLTGK.R	14
PHEAT-1770	proteomics_heat	1123065	1123106	-	4	4	R.YMPESMDIVHYVDK.L	18
PHEAT-1771	proteomics_heat	1123155	1123211	-	4	8	K.NIPVELHVLLNDDAETPTR.M	23
PHEAT-1772	proteomics_heat	1123236	1123271	-	4	5	K.LYIYDHCPYCLK.A	16
PHEAT-1773	proteomics_heat	1123533	1123616	-	4	2	S.IIAEPARETLSASLADARARGSYMGFSL.L	32
PHEAT-1774	proteomics_heat	1128829	1128873	-	5	2	R.RKEPNTANSVDISQR.W	19
PHEAT-1775	proteomics_heat	1128997	1129044	-	5	3	R.LAEILDQMSAVLNDLK.T	20
PHEAT-1776	proteomics_heat	1129265	1129297	-	6	3	R.ETTDAPVTNSR.A	15

PHEAT-1777	proteomics_heat	1140519	1140554	-	4	2	R.APAPEYVPEAPR.H	16
PHEAT-1778	proteomics_heat	1141011	1141055	-	4	9	R.YPIVRPQDVQVEEQR.E	19
PHEAT-1779	proteomics_heat	1141068	1141133	-	4	4	R.YPTQSPMPLTVACASPELASGK.V	26
PHEAT-1780	proteomics_heat	1141068	1141148	-	4	2	R.YRDERYPTQSPMPLTVACASPELASGK.V	31
PHEAT-1781	proteomics_heat	1141224	1141289	-	4	5	K.VPLPVVAQTAPEQQEENNADNR.D	26
PHEAT-1782	proteomics_heat	1141305	1141400	-	4	3	R.YEQSVAAEEAVVAPVVEETVAAEPIVQEAPAPR.T	36
PHEAT-1783	proteomics_heat	1141455	1141505	-	4	8	K.ALNVEEQSVQETEQEER.V	21
PHEAT-1784	proteomics_heat	1141563	1141589	-	4	2	R.TADEQQAPR.R	13
PHEAT-1785	proteomics_heat	1141800	1141853	-	4	5	K.ALFSGGEEKPTEQPAPK.A	22
PHEAT-1786	proteomics_heat	1141872	1141922	-	4	8	K.AAPATPAAPAQPGLLSR.F	21
PHEAT-1787	proteomics_heat	1141923	1141994	-	4	3	F.AMPDVPPAPTPAEPAAAPVVAPAPK.A	28
PHEAT-1788	proteomics_heat	1141923	1142027	-	4	14	R.KRPEQPALATFAMPDVPPAPTPAEPAAAPVVAPAPK.A	39
PHEAT-1789	proteomics_heat	1142028	1142078	-	4	7	K.LHEEAMALPSEEEFAER.K	21
PHEAT-1790	proteomics_heat	1142079	1142120	-	4	2	R.KGEETPTLSYMLPK.L	18
PHEAT-1791	proteomics_heat	1142127	1142180	-	4	2	R.CVIVPNDQMETPHYHVLV.V	22
PHEAT-1792	proteomics_heat	1142196	1142222	-	4	3	R.SAVNAIETR.Q	13
PHEAT-1793	proteomics_heat	1142226	1142315	-	4	5	R.LIEEEALKENTQEVHAIVPVPIASYLLNEK.R	34
PHEAT-1794	proteomics_heat	1142316	1142348	-	4	2	R.DNESLSLSILR.L	15
PHEAT-1795	proteomics_heat	1142373	1142417	-	4	3	R.LSPSLGESSHHVCPR.C	19
PHEAT-1796	proteomics_heat	1142529	1142579	-	4	19	R.DLGGGLIVIDFIDMTPVR.H	21
PHEAT-1797	proteomics_heat	1142748	1142819	-	4	30	K.LYTGEIPLFSHYQIESQIESAFQR.E	28
PHEAT-1798	proteomics_heat	1142886	1142933	-	4	2	R.DYLRQDIGEILIDNPK.V	20
PHEAT-1799	proteomics_heat	1142943	1142987	-	4	6	R.PAPFLIHQESNVIVR.A	19
PHEAT-1800	proteomics_heat	1142943	1143002	-	4	5	K.AAESRPAPFLIHQESNVIVR.A	24
PHEAT-1801	proteomics_heat	1143084	1143134	-	4	4	K.EALASLELPEGMGLIVR.T	21
PHEAT-1802	proteomics_heat	1143084	1143146	-	4	4	R.TELKEALASLELPEGMGLIVR.T	25
PHEAT-1803	proteomics_heat	1143084	1143167	-	4	3	R.RIEGDDRTELKALASLELPEGMGLIVR.T	32
PHEAT-1804	proteomics_heat	1143135	1143167	-	4	3	R.RIEGDDRTELK.E	15
PHEAT-1805	proteomics_heat	1143264	1143305	-	4	8	R.EGQEVIVQIDKEER.G	18
PHEAT-1806	proteomics_heat	1143318	1143365	-	4	4	R.EYFPANYSAHGRPNIK.D	20
PHEAT-1807	proteomics_heat	1143399	1143446	-	4	5	R.IEPSLEAAAFVDYGAER.H	20
PHEAT-1808	proteomics_heat	1143477	1143521	-	4	3	R.LYDLDIESPGEQKK.A	19
PHEAT-1809	proteomics_heat	1143480	1143521	-	4	3	R.LYDLDIESPGEQK.K	18
PHEAT-1810	proteomics_heat	1143546	1143581	-	4	2	R.MLINATQQEELR.V	16
PHEAT-1811	proteomics_heat	1145264	1145317	-	6	2	R.DPNTLVGLPLIALCQMLR.R	22
PHEAT-1812	proteomics_heat	1145264	1145329	-	6	5	R.LEGRDPNTLVGLPLIALCQMLR.R	26
PHEAT-1813	proteomics_heat	1145396	1145434	-	6	2	R.HLSEAEIDNYVRK.E	17
PHEAT-1814	proteomics_heat	1145399	1145434	-	6	7	R.HLSEAEIDNYVR.K	16
PHEAT-1815	proteomics_heat	1145711	1145761	-	6	3	K.LQISFECAAPEVDETPR.S	21
PHEAT-1816	proteomics_heat	1167723	1167782	-	4	2	K.SVESALADYFAAIANCFTSK.D	24
PHEAT-1817	proteomics_heat	1169870	1169911	-	6	10	K.NHVNPAWLIGLLQK.Q	18
PHEAT-1818	proteomics_heat	1170119	1170166	-	6	2	R.MPSLLPDDFIPDVNTR.L	20
PHEAT-1819	proteomics_heat	1170329	1170403	-	6	2	K.RLEAIASLEDLGAGFALATHDLEIR.G	29
PHEAT-1820	proteomics_heat	1170488	1170526	-	6	3	R.ADFHGLAQLHQLR.G	17
PHEAT-1821	proteomics_heat	1170716	1170763	-	6	3	R.GGQVYYLYNDVENIQK.A	20
PHEAT-1822	proteomics_heat	1170989	1171030	-	6	2	K.FKDLGLLIVDEEHR.F	18

PHEAT-1823	proteomics_heat	1171463	1171507	-	6	3	K.VRDVAAELLDIYAQR.A	19
PHEAT-1824	proteomics_heat	1171556	1171594	-	6	6	R.YAGGAEENAPLHK.L	17
PHEAT-1825	proteomics_heat	1171712	1171771	-	6	2	R.NLAELHIGQPVVHLEHGVGR.Y	24
PHEAT-1826	proteomics_heat	1171871	1171918	-	6	2	R.YLMIGAAEHGFVDTVR.N	20
PHEAT-1827	proteomics_heat	1172525	1172584	-	6	3	R.TLEEVEAINLLPAHEFPTDK.A	24
PHEAT-1828	proteomics_heat	1172645	1172692	-	6	3	R.GALLDLFPMGSELPYR.L	20
PHEAT-1829	proteomics_heat	1172693	1172734	-	6	2	R.HVDQVMEHGEYATR.G	18
PHEAT-1830	proteomics_heat	1173026	1173076	-	6	5	R.HAGPVVLIAPDMQNALR.L	21
PHEAT-1831	proteomics_heat	1181087	1181149	-	6	2	R.KLLSPEVANDKTLYPD AETIK.N	25
PHEAT-1832	proteomics_heat	1181150	1181197	-	6	4	K.QVAETIGYPTPNLAAR.K	20
PHEAT-1833	proteomics_heat	1181198	1181233	-	6	2	K.LINFLLRPDVAK.Q	16
PHEAT-1834	proteomics_heat	1181255	1181305	-	6	6	K.EGGIFWMDSLAIPANAK.N	21
PHEAT-1835	proteomics_heat	1181450	1181482	-	6	2	K.EIEAAYNELKK.L	15
PHEAT-1836	proteomics_heat	1181483	1181518	-	6	3	R.KLGYSGNTTDPK.E	16
PHEAT-1837	proteomics_heat	1181519	1181542	-	6	2	R.EVFQMALR.K	12
PHEAT-1838	proteomics_heat	1181573	1181614	-	6	4	K.SVTSWADLWKPEYK.G	18
PHEAT-1839	proteomics_heat	1181615	1181743	-	6	2	K.LTNFNSLNDPMLNKPDPNNDYSIPYIWGATAIGVNGDAVDPK.S	47
PHEAT-1840	proteomics_heat	1181786	1181833	-	6	7	K.DGAYDLVVPSTYYVDK.M	20
PHEAT-1841	proteomics_heat	1181786	1181842	-	6	2	K.TYKDGAYDLVVPSTYYVDK.M	23
PHEAT-1842	proteomics_heat	1181849	1181893	-	6	2	K.VIYSTYESNETMYAK.L	19
PHEAT-1843	proteomics_heat	1181909	1181983	-	6	3	A.DDNNTLYFYNWTEYVPPGLLEQFTK.E	29
PHEAT-1844	proteomics_heat	1183864	1183917	-	5	4	R.VEEINDDNHAEGLIGYVR.E	22
PHEAT-1845	proteomics_heat	1183951	1183995	-	5	2	R.ECNIVNFVAVEPGQK.L	19
PHEAT-1846	proteomics_heat	1184275	1184316	-	5	3	R.LLLLDESLSALDYK.L	18
PHEAT-1847	proteomics_heat	1184389	1184418	-	5	3	R.MVQLETFAQR.K	14
PHEAT-1848	proteomics_heat	1184437	1184463	-	5	2	K.TPAAEITPR.V	13
PHEAT-1849	proteomics_heat	1184551	1184598	-	5	3	R.IMLDNEDITHVPAENR.Y	20
PHEAT-1850	proteomics_heat	1184650	1184727	-	5	3	K.EVIPQLDLTINNGEFLTLGLPSGCGK.T	30
PHEAT-1851	proteomics_heat	1186492	1186524	-	5	4	R.IGDDVYANGEK.I	15
PHEAT-1852	proteomics_heat	1186570	1186635	-	5	3	R.HELDIAPPEPPYQPDEIYDALK.Q	26
PHEAT-1853	proteomics_heat	1186636	1186668	-	5	2	K.QWFGFISQSR.H	15
PHEAT-1854	proteomics_heat	1186669	1186710	-	5	2	R.EMMLELINQPEHFK.Q	18
PHEAT-1855	proteomics_heat	1186711	1186755	-	5	2	R.AHPADVLPQEMDKLR.E	19
PHEAT-1856	proteomics_heat	1186756	1186800	-	5	7	R.ELGGNYSDPDVPPR.A	19
PHEAT-1857	proteomics_heat	1186801	1186839	-	5	2	R.ELISGFADYVLQR.E	17
PHEAT-1858	proteomics_heat	1187308	1187385	-	5	6	R.GFNNFIDPISPDEL AGLAMESEVDSR.L	30
PHEAT-1859	proteomics_heat	1187419	1187463	-	5	2	N.MEYQLTLNWPDFLER.H	19
PHEAT-1860	proteomics_heat	1187650	1187697	-	5	2	R.VDTLRPGQGVGLAVAR.E	20
PHEAT-1861	proteomics_heat	1187941	1187994	-	5	2	R.ELHPVAPLLDNLTSALNK.V	22
PHEAT-1862	proteomics_heat	1189002	1189028	-	4	2	R.GQG YLFELR.-	13
PHEAT-1863	proteomics_heat	1189029	1189070	-	4	4	K.IQAQYPQEVITTVR.G	18
PHEAT-1864	proteomics_heat	1189029	1189073	-	4	4	K.KIQAQYPQEVITTVR.G	19
PHEAT-1865	proteomics_heat	1189083	1189115	-	4	2	R.ESHTIDVLMGR.L	15
PHEAT-1866	proteomics_heat	1189116	1189157	-	4	2	K.DSLMLQLYPD AELR.E	18
PHEAT-1867	proteomics_heat	1189182	1189223	-	4	17	K.LTAFEYTIMETLIR.N	18
PHEAT-1868	proteomics_heat	1189224	1189256	-	4	4	R.RELSINDEVIK.L	15

PHEAT-1869	proteomics_heat	1189257	1189316	-	4	4	R.NSGLASQVISLPPFQVDLSR.R	24
PHEAT-1870	proteomics_heat	1189257	1189319	-	4	2	R.RNSGLASQVISLPPFQVDLSR.R	25
PHEAT-1871	proteomics_heat	1189338	1189427	-	4	4	R.ESWQDKVEVLSAGADDYVTKPFHIEEVMAR.M	34
PHEAT-1872	proteomics_heat	1189428	1189469	-	4	3	R.SNDVSLPILVLTAR.E	18
PHEAT-1873	proteomics_heat	1189569	1189619	-	4	3	K.VQIQDAGHQVDDAEDAK.E	21
PHEAT-1874	proteomics_heat	1189842	1189868	-	4	2	R.AITMVDELK.-	13
PHEAT-1875	proteomics_heat	1189905	1189949	-	4	4	K.QFIDGLALPEEEKAR.L	19
PHEAT-1876	proteomics_heat	1189911	1189949	-	4	3	K.QFIDGLALPEEEK.A	17
PHEAT-1877	proteomics_heat	1189950	1189973	-	4	5	K.RVDAEGMK.Q	12
PHEAT-1878	proteomics_heat	1189998	1190024	-	4	5	R.YGIEKPYEK.L	13
PHEAT-1879	proteomics_heat	1190028	1190096	-	4	10	R.DHLLDELHDHNWEVLAETPIQTVMR.R	27
PHEAT-1880	proteomics_heat	1190028	1190111	-	4	2	K.LEVNRDHLDELHDHNWEVLAETPIQTVMR.R	32
PHEAT-1881	proteomics_heat	1190124	1190177	-	4	18	R.NLGVGIGYALIAIQSTLK.G	22
PHEAT-1882	proteomics_heat	1190178	1190204	-	4	7	R.DLTDSTVLR.N	13
PHEAT-1883	proteomics_heat	1190229	1190306	-	4	7	K.VNPIDFENSEGNLGLSNAVLQHLASK.L	30
PHEAT-1884	proteomics_heat	1190307	1190348	-	4	8	K.TIAGEIGSSTMPHK.V	18
PHEAT-1885	proteomics_heat	1190559	1190591	-	4	3	K.INGAVGNYNNAH.I	15
PHEAT-1886	proteomics_heat	1190592	1190621	-	4	3	R.QLNQVEILGK.I	14
PHEAT-1887	proteomics_heat	1190640	1190663	-	4	2	K.EMANVAYR.M	12
PHEAT-1888	proteomics_heat	1190664	1190702	-	4	6	R.THGQPATPSTIGK.E	17
PHEAT-1889	proteomics_heat	1190724	1190744	-	4	4	K.DLAVQYR.D	11
PHEAT-1890	proteomics_heat	1190724	1190765	-	4	3	R.QLIDGIKDLAVQYR.D	18
PHEAT-1891	proteomics_heat	1190766	1190801	-	4	2	K.TARDEVILPYWR.Q	16
PHEAT-1892	proteomics_heat	1190802	1190876	-	4	2	H.AVSEFIHFACTSEDINNLSHALMLK.T	29
PHEAT-1893	proteomics_heat	1190802	1190900	-	4	17	K.VAEIPELHAVSEFIHFACTSEDINNLSHALMLK.T	37
PHEAT-1894	proteomics_heat	1190907	1190927	-	4	2	K.AVEYFLK.E	11
PHEAT-1895	proteomics_heat	1190967	1191047	-	4	244	K.EVPFAADAIGYLDIVASFSEEDAAR.I	31
PHEAT-1896	proteomics_heat	1191165	1191209	-	4	6	S.MELSSLTAVSPVDGR.Y	19
PHEAT-1897	proteomics_heat	1191357	1191410	-	4	2	R.IQVTGSPAVLQSPQVQAK.V	22
PHEAT-1898	proteomics_heat	1192031	1192063	-	6	2	R.YRQTDIPCTVK.A	15
PHEAT-1899	proteomics_heat	1192268	1192336	-	6	3	K.IITVDGDEIGEHLQGLMYHTLGQR.K	27
PHEAT-1900	proteomics_heat	1192424	1192459	-	6	5	R.KIAEDLGLVTAK.K	16
PHEAT-1901	proteomics_heat	1192460	1192528	-	6	2	Y.TLSHEQIAQSLFPVGELEKPVQR.K	27
PHEAT-1902	proteomics_heat	1192604	1192669	-	6	6	K.AFLEFAAEDLGADYIATGHYVR.R	26
PHEAT-1903	proteomics_heat	1192805	1192882	-	6	6	K.NWEEDDGEEYCTAAADLADAQAVCDK.L	30
PHEAT-1904	proteomics_heat	1193362	1193427	-	5	2	K.ALWNQPAGHLEAETLVEAAAR.E	26
PHEAT-1905	proteomics_heat	1201896	1201922	-	4	3	K.KPDVSITNK.Q	13
PHEAT-1906	proteomics_heat	1212908	1212955	-	6	2	R.EYPVDQLINHVYLPVR.Q	20
PHEAT-1907	proteomics_heat	1223505	1223564	-	4	17	K.DGDISILELNVTLPEAEELK.-	24
PHEAT-1908	proteomics_heat	1223565	1223612	-	4	7	K.YVQIDPEMVTVQLEQK.D	20
PHEAT-1909	proteomics_heat	1223613	1223636	-	4	2	K.DILEVICK.Y	12
PHEAT-1910	proteomics_heat	1223640	1223675	-	4	2	R.SDAEPHYLPQLR.K	16
PHEAT-1911	proteomics_heat	1223640	1223678	-	4	2	R.RSDAEPHYLPQLR.K	17
PHEAT-1912	proteomics_heat	1223850	1223873	-	4	2	K.AYADTVR.L	12
PHEAT-1913	proteomics_heat	1223874	1223927	-	4	9	R.ASNQGEVILDINADAGK.A	22
PHEAT-1914	proteomics_heat	1223928	1223966	-	4	4	K.LVGVIPEDQSVLR.A	17

PHEAT-1915	proteomics_heat	1223928	1223972	-	4	2	R.IKLVGVIPEDQSVLR.A	19
PHEAT-1916	proteomics_heat	1223973	1224014	-	4	16	R.GDMLSMEDVLEILR.I	18
PHEAT-1917	proteomics_heat	1224039	1224086	-	4	7	R.AENGEEPIKEHLLLTR.Y	20
PHEAT-1918	proteomics_heat	1224039	1224089	-	4	6	R.RAENGEEPIKEHLLLTR.Y	21
PHEAT-1919	proteomics_heat	1224096	1224119	-	4	5	R.ILGILASK.S	12
PHEAT-1920	proteomics_heat	1224309	1224347	-	4	5	R.TENLYILPASQTR.D	17
PHEAT-1921	proteomics_heat	1224309	1224350	-	4	3	K.RTENLYILPASQTR.D	18
PHEAT-1922	proteomics_heat	1224357	1224419	-	4	9	R.VVYDFVNVIQGDATLNQALIK.D	25
PHEAT-1923	proteomics_heat	1224357	1224422	-	4	20	R.RVVYDFVNVIQGDATLNQALIK.D	26
PHEAT-1924	proteomics_heat	1224453	1224485	-	4	3	K.TVVIDFDIGLR.N	15
PHEAT-1925	proteomics_heat	1224495	1224536	-	4	6	K.TTSSAAIATGLAQK.G	18
PHEAT-1926	proteomics_heat	1224932	1224982	-	6	2	R.PAPTPQAPAQNTTPVTK.T	21
PHEAT-1927	proteomics_heat	1224932	1224991	-	6	8	K.APRPAPTPQAPAQNTTPVTK.T	24
PHEAT-1928	proteomics_heat	1225106	1225171	-	6	5	K.HAPVVLNVSALEDPVNWSAMHK.A	26
PHEAT-1929	proteomics_heat	1225199	1225225	-	6	3	K.VIHQALEDK.I	13
PHEAT-1930	proteomics_heat	1225226	1225276	-	6	4	K.GSSFTLSVVHLHEAEPK.V	21
PHEAT-1931	proteomics_heat	1226297	1226320	-	6	6	K.YNVDIQIK.-	12
PHEAT-1932	proteomics_heat	1226297	1226323	-	6	13	K.KYNVDIQIK.-	13
PHEAT-1933	proteomics_heat	1226366	1226431	-	6	5	R.YSPELD SHGQYSLPASGKYELR.V	26
PHEAT-1934	proteomics_heat	1226378	1226431	-	6	7	R.YSPELD SHGQYSLPASGK.Y	22
PHEAT-1935	proteomics_heat	1226432	1226512	-	6	80	K.VHVSISNEGADTYLFGPGIDDSVDLSR.Y	31
PHEAT-1936	proteomics_heat	1226525	1226560	-	6	6	K.GYDYDTYTFYAK.K	16
PHEAT-1937	proteomics_heat	1226561	1226596	-	6	3	K.GHSSAQYSGEIK.G	16
PHEAT-1938	proteomics_heat	1233254	1233340	-	6	2	R.SLMMHAGVGTALGGVMTMVGEPQNLIIAK.A	33
PHEAT-1939	proteomics_heat	1236901	1236954	-	5	2	H.GAAYPGEICPAFAALVSR.A	22
PHEAT-1940	proteomics_heat	1239726	1239797	-	4	2	F.ILEASAKYADVALIYGLEDGREYR.D	28
PHEAT-1941	proteomics_heat	1241485	1241532	-	5	2	R.LSIPLITGLDFGHEQR.T	20
PHEAT-1942	proteomics_heat	1241680	1241730	-	5	3	K.IENGILVLEDINEHPFR.V	21
PHEAT-1943	proteomics_heat	1242118	1242168	-	5	2	R.FAGTETERLEDLNSLAR.L	21
PHEAT-1944	proteomics_heat	1242181	1242228	-	5	2	R.LTDAGHQVNNVEVIAR.R	20
PHEAT-1945	proteomics_heat	1242259	1242300	-	5	2	M.SLFHLIAPSGYCIK.Q	18
PHEAT-1946	proteomics_heat	1243127	1243165	-	6	3	K.VIDGKNETITTPR.L	17
PHEAT-1947	proteomics_heat	1243247	1243324	-	6	5	R.LYDLSLGGMGALLETAKPAELQEGMR.F	30
PHEAT-1948	proteomics_heat	1243355	1243396	-	6	3	R.ISAPLHPPYFCQTK.L	18
PHEAT-1949	proteomics_heat	1243508	1243549	-	6	5	K.AQHITITAETQGAK.V	18
PHEAT-1950	proteomics_heat	1243550	1243624	-	6	3	K.LLAITPDKLVLD FGSQAEDNIAVLK.A	29
PHEAT-1951	proteomics_heat	1245274	1245318	-	5	6	K.THLLQPGGLNNTTSVK.S	19
PHEAT-1952	proteomics_heat	1246003	1246071	-	5	2	K.VADMVANFAHEIDTYGHIPNGNR.S	27
PHEAT-1953	proteomics_heat	1246946	1246990	-	6	2	K.LYAIQPEETLTDVK.T	19
PHEAT-1954	proteomics_heat	1247030	1247083	-	6	5	K.GICLSAGSPVSHSALIAR.E	22
PHEAT-1955	proteomics_heat	1247084	1247176	-	6	3	K.EELPQFNSTPILLAENIYPSTVLQLDPAVVK.G	35
PHEAT-1956	proteomics_heat	1247177	1247203	-	6	4	R.TLVHLTQTK.E	13
PHEAT-1957	proteomics_heat	1247561	1247641	-	6	3	R.QLAEDNFGETE EVAPPTLRPVPVSGK.A	31
PHEAT-1958	proteomics_heat	1247708	1247755	-	6	2	K.CVTPESINQIALLQVR.Y	20
PHEAT-1959	proteomics_heat	1247870	1247941	-	6	10	R.EQLGLPSSDTEISDTCPAYDEEAR.S	28
PHEAT-1960	proteomics_heat	1248185	1248244	-	6	5	K.IAIAAGIDDPQNPIGTD AVK.V	24

PHEAT-1961	proteomics_heat	1248302	1248334	-	6	3	M.VNLVIVSHSSR.L	15
PHEAT-1962	proteomics_heat	1248621	1248647	-	4	7	R.DGADGVISR.G	13
PHEAT-1963	proteomics_heat	1248648	1248686	-	4	2	R.QSLTLEELYQMFR.D	17
PHEAT-1964	proteomics_heat	1248711	1248782	-	4	4	K.NTGMTLLSSVGGASGPLFGTFFIR.A	28
PHEAT-1965	proteomics_heat	1248783	1248824	-	4	3	K.LPAIADKDIGFILK.N	18
PHEAT-1966	proteomics_heat	1249165	1249230	-	5	2	R.VIALVNNLGATPLSELYGVYNR.L	26
PHEAT-1967	proteomics_heat	1249312	1249386	-	5	12	R.RPFSSLDQTVDEMFDLLVNGSYHR.T	29
PHEAT-1968	proteomics_heat	1249528	1249563	-	5	2	R.GDSLDAEELGR.K	16
PHEAT-1969	proteomics_heat	1249684	1249749	-	5	2	K.NYTGDIINFETATELLHDSGVK.V	26
PHEAT-1970	proteomics_heat	1249951	1249998	-	5	2	K.AHPSLTLHQDPVYVTR.A	20
PHEAT-1971	proteomics_heat	1249999	1250052	-	5	2	K.LINDVQDVLDEQLAGLAK.A	22
PHEAT-1972	proteomics_heat	1256094	1256114	-	4	7	K.IHTDFEK.G	11
PHEAT-1973	proteomics_heat	1256115	1256162	-	4	5	R.AWTIPVGATAPQAAGK.I	20
PHEAT-1974	proteomics_heat	1256172	1256210	-	4	2	K.LLNLQTYFTAGVK.E	17
PHEAT-1975	proteomics_heat	1256232	1256351	-	4	2	K.EGSVVVPVCAAVEADIAELDDEERDEFMQELGLEEPGLNR.V	44
PHEAT-1976	proteomics_heat	1256367	1256459	-	4	5	R.YLSFLTALKPTMYIANVNEDGFENNPYLDQVR.E	35
PHEAT-1977	proteomics_heat	1256424	1256459	-	4	2	R.YLSFLTALKPTMY.I	16
PHEAT-1978	proteomics_heat	1256472	1256498	-	4	3	R.ALDSLAEK.A	13
PHEAT-1979	proteomics_heat	1256499	1256534	-	4	3	K.CLPQLENAGMLR.A	16
PHEAT-1980	proteomics_heat	1256535	1256558	-	4	2	K.AELAVLEK.C	12
PHEAT-1981	proteomics_heat	1256610	1256681	-	4	4	K.VNPADDIEVINTELALADLTCER.A	28
PHEAT-1982	proteomics_heat	1256682	1256720	-	4	4	R.CFENDNIIHVSQK.V	17
PHEAT-1983	proteomics_heat	1256721	1256750	-	4	9	R.ETEAIQHVVR.C	14
PHEAT-1984	proteomics_heat	1256751	1256789	-	4	5	K.GEGLGNQFLTNR.E	17
PHEAT-1985	proteomics_heat	1256751	1256801	-	4	6	K.GASKGEGLGNQFLTNR.E	21
PHEAT-1986	proteomics_heat	1256802	1256849	-	4	32	R.TLPTTMEFVDIAGLVK.G	20
PHEAT-1987	proteomics_heat	1256850	1256885	-	4	5	R.LDQLAEIVKQQR.T	16
PHEAT-1988	proteomics_heat	1256886	1256963	-	4	6	K.AGIEAANFPFCTIEPNTGVVPMPPDR.L	30
PHEAT-1989	proteomics_heat	1257257	1257301	-	6	3	K.VVGFVLGKPPVSEQK.L	19
PHEAT-1990	proteomics_heat	1257308	1257334	-	6	2	R.IGIGHPGDK.N	13
PHEAT-1991	proteomics_heat	1257341	1257367	-	6	3	K.LGNNPNFHR.L	13
PHEAT-1992	proteomics_heat	1257635	1257676	-	6	7	R.HNAGAWFVDLLAER.L	18
PHEAT-1993	proteomics_heat	1258578	1258637	-	4	3	R.VIGPLFFAAAEGFLTLESR.L	24
PHEAT-1994	proteomics_heat	1259013	1259099	-	4	2	K.ANSELVGQGLGNIIAPFFGGITATAAIAR.S	33
PHEAT-1995	proteomics_heat	1260154	1260192	-	5	2	R.ISNEESISAMFEH.-	17
PHEAT-1996	proteomics_heat	1260154	1260195	-	5	9	R.RISNEESISAMFEH.-	18
PHEAT-1997	proteomics_heat	1260196	1260234	-	5	12	R.TLTLSGMLAEAIR.R	17
PHEAT-1998	proteomics_heat	1260253	1260312	-	5	12	R.NSVIDEVVCDTIPLSDEIK.S	24
PHEAT-1999	proteomics_heat	1260313	1260369	-	5	15	R.VFAYATHPIFSGNAANNLR.N	23
PHEAT-2000	proteomics_heat	1260313	1260372	-	5	2	K.RVFAYATHPIFSGNAANNLR.N	24
PHEAT-2001	proteomics_heat	1260382	1260405	-	5	4	K.AAEALKER.G	12
PHEAT-2002	proteomics_heat	1260406	1260456	-	5	21	R.DCVLVDDMIDTGGTLCK.A	21
PHEAT-2003	proteomics_heat	1260457	1260504	-	5	18	R.ANVSQVMHIIGDVAGR.D	20
PHEAT-2004	proteomics_heat	1260514	1260552	-	5	4	K.LLNDTDMAIIDKR.R	17
PHEAT-2005	proteomics_heat	1260517	1260552	-	5	2	K.LLNDTDMAIIDK.R	16
PHEAT-2006	proteomics_heat	1260727	1260765	-	5	4	K.VVADFLSSVGVDR.V	17

PHEAT-2007	proteomics_heat	1260811	1260846	-	5	2	R.ITAVIPYFGYAR.Q	16
PHEAT-2008	proteomics_heat	1260952	1260996	-	5	5	R.FSDGEVSVQINENVR.G	19
PHEAT-2009	proteomics_heat	1260997	1261032	-	5	5	R.LYTSLGDAAVGR.F	16
PHEAT-2010	proteomics_heat	1261045	1261083	-	5	7	K.LFAGNATPELAQR.I	17
PHEAT-2011	proteomics_heat	1261261	1261287	-	5	2	K.GANLSPLHR.A	13
PHEAT-2012	proteomics_heat	1261288	1261335	-	5	2	R.QVLEQAPEWLNQFVAK.G	20
PHEAT-2013	proteomics_heat	1261525	1261596	-	5	2	K.WYLVAHPGVS IPTPVIFKDP LPR.N	28
PHEAT-2014	proteomics_heat	1261810	1261851	-	5	5	R.LPTGSGANISIDKR.L	18
PHEAT-2015	proteomics_heat	1261810	1261872	-	5	2	K.TAADSGRLPTGSGANISIDKR.L	25
PHEAT-2016	proteomics_heat	1261894	1261944	-	5	3	R.LLTPVEGVEHEDNLIVR.A	21
PHEAT-2017	proteomics_heat	1262136	1262186	-	4	3	K.TQPAMPANMELTDGGQR.I	21
PHEAT-2018	proteomics_heat	1262316	1262351	-	4	2	K.LTGMPIPLNSLR.Q	16
PHEAT-2019	proteomics_heat	1262352	1262387	-	4	2	R.YTADDAEEMIGK.L	16
PHEAT-2020	proteomics_heat	1262397	1262477	-	4	6	R.LLLTNPLGSTELELNAQPGNVQLVDNK.G	31
PHEAT-2021	proteomics_heat	1262559	1262582	-	4	2	R.NLNQYQTR.G	12
PHEAT-2022	proteomics_heat	1272595	1272669	-	5	17	R.GQKPGEGYNIQQMLEILTAQNVPVK.L	29
PHEAT-2023	proteomics_heat	1272595	1272708	-	5	3	R.LFLMSDAV TAGLRGQKPGEGYNIQQMLEILTAQNVPVK.L	42
PHEAT-2024	proteomics_heat	1272670	1272708	-	5	4	R.LFLMSDAV TAGLR.G	17
PHEAT-2025	proteomics_heat	1272754	1272813	-	5	5	K.IVIVANGAPYGSSESLFNSLR.L	24
PHEAT-2026	proteomics_heat	1273599	1273625	-	4	4	K.SLPIIANIR.P	13
PHEAT-2027	proteomics_heat	1274411	1274443	-	6	2	R.VEAAVWHQER.I	15
PHEAT-2028	proteomics_heat	1274489	1274518	-	6	3	R.RLDITESTVK.V	14
PHEAT-2029	proteomics_heat	1274531	1274557	-	6	4	K.LIAQGLPNK.M	13
PHEAT-2030	proteomics_heat	1274576	1274599	-	6	2	R.DVNQLTPR.E	12
PHEAT-2031	proteomics_heat	1274624	1274698	-	6	19	K.ALHQAAAGEMVLSEALTPVLAASLR.A	29
PHEAT-2032	proteomics_heat	1274996	1275049	-	6	2	M.SNQEPATILLIDHPMLR.T	22
PHEAT-2033	proteomics_heat	1275711	1275785	-	4	4	R.HLSHDQQQLVDTLVEQLTATLALDR.H	29
PHEAT-2034	proteomics_heat	1276143	1276223	-	4	2	R.NEMAMLGTALNNMSAELAESYAVLEQR.V	31
PHEAT-2035	proteomics_heat	1276413	1276481	-	4	4	R.ETVSADVSQFVAGLDQLVSGFDR.T	27
PHEAT-2036	proteomics_heat	1287248	1287295	-	6	7	K.IINIHHSFLPAFIGAR.P	20
PHEAT-2037	proteomics_heat	1287260	1287295	-	6	3	K.IINIHHSFLPAF.I	16
PHEAT-2038	proteomics_heat	1287344	1287394	-	6	5	K.MADAIDAYQPDYVVLAK.Y	21
PHEAT-2039	proteomics_heat	1287413	1287457	-	6	7	R.FDIPFELVSHGLTR.N	19
PHEAT-2040	proteomics_heat	1287473	1287535	-	6	5	K.ANYGGLDVEIAAVIGNHDTLR.S	25
PHEAT-2041	proteomics_heat	1287536	1287568	-	6	5	K.EAHCLGDLLMK.A	15
PHEAT-2042	proteomics_heat	1287617	1287694	-	6	17	R.TELEGIFNDSTLLADLDSALPEGSVR.E	30
PHEAT-2043	proteomics_heat	1287716	1287760	-	6	18	K.HELNIVQNNEFVDHR.T	19
PHEAT-2044	proteomics_heat	1291735	1291761	-	5	5	K.SLDDFLIKQ.-	13
PHEAT-2045	proteomics_heat	1291804	1291824	-	5	4	K.TWTGQGR.T	11
PHEAT-2046	proteomics_heat	1291804	1291824	-	5	4	K.TWTGQGR.T	11
PHEAT-2047	proteomics_heat	1291825	1291857	-	5	21	K.YSYVDENGETK.T	15
PHEAT-2048	proteomics_heat	1291825	1291860	-	5	5	A.KYSYVDENGETK.T	16
PHEAT-2049	proteomics_heat	1291897	1291932	-	5	2	D.PNELLNSLA AVK.S	16
PHEAT-2050	proteomics_heat	1291897	1291959	-	5	5	R.EMLIADGIDPNELLNSLA AVK.S	25
PHEAT-2051	proteomics_heat	1291984	1292022	-	5	3	R.EEESAAAAEVEER.T	17
PHEAT-2052	proteomics_heat	1291984	1292025	-	5	31	R.EEESAAAAEVEER.T	18

PHEAT-2053	proteomics_heat	1292026	1292049	-	5	16	K.LEVVVNER.R	12
PHEAT-2054	proteomics_heat	1292026	1292088	-	5	54	R.ECTLETLEEMLEKLEVVVNER.R	25
PHEAT-2055	proteomics_heat	1292050	1292088	-	5	20	R.ECTLETLEEMLEK.L	17
PHEAT-2056	proteomics_heat	1294717	1294749	-	5	3	R.DYVEGETAAKK.E	15
PHEAT-2057	proteomics_heat	1294720	1294749	-	5	11	R.DYVEGETAAK.K	14
PHEAT-2058	proteomics_heat	1294750	1294779	-	5	3	K.QILLDTYYGR.D	14
PHEAT-2059	proteomics_heat	1294804	1294851	-	5	6	K.LSEDAFDDQCTGANPR.Y	20
PHEAT-2060	proteomics_heat	1294804	1294863	-	5	3	A.NVDKLSSEDAFDDQCTGANPR.Y	24
PHEAT-2061	proteomics_heat	1294804	1294896	-	5	8	R.EAGVQEADFLANVDKLSSEDAFDDQCTGANPR.Y	35
PHEAT-2062	proteomics_heat	1294852	1294896	-	5	3	R.EAGVQEADFLANVDK.L	19
PHEAT-2063	proteomics_heat	1294927	1294953	-	5	8	K.LLAWLETLK.A	13
PHEAT-2064	proteomics_heat	1294975	1295022	-	5	18	R.YAEIADHLGLSAPGDR.T	20
PHEAT-2065	proteomics_heat	1294975	1295025	-	5	10	R.RYAEIADHLGLSAPGDR.T	21
PHEAT-2066	proteomics_heat	1295068	1295094	-	5	6	R.YNANDNPTK.Q	13
PHEAT-2067	proteomics_heat	1295095	1295160	-	5	6	K.LGSQFHIPHLANALLICNVIR.Y	26
PHEAT-2068	proteomics_heat	1295125	1295160	-	5	6	K.LGSQFHIPHLA.N	16
PHEAT-2069	proteomics_heat	1295134	1295160	-	5	2	K.LGSQFHIPH.G	13
PHEAT-2070	proteomics_heat	1295245	1295295	-	5	6	K.EYLPASYHEGSKNPVAR.E	21
PHEAT-2071	proteomics_heat	1295260	1295295	-	5	12	K.EYLPASYHEGSK.N	16
PHEAT-2072	proteomics_heat	1295260	1295304	-	5	4	K.LLKEYLPASYHEGSK.N	19
PHEAT-2073	proteomics_heat	1295305	1295397	-	5	2	F.GGLDAVTHAMEAYVSVLASEFSDGQALQALK.L	35
PHEAT-2074	proteomics_heat	1295305	1295409	-	5	3	S.LCAFGGLDAVTHAMEAYVSVLASEFSDGQALQALK.L	39
PHEAT-2075	proteomics_heat	1295305	1295412	-	5	51	K.SLCAFGGLDAVTHAMEAYVSVLASEFSDGQALQALK.L	40
PHEAT-2076	proteomics_heat	1295413	1295487	-	5	7	K.YPLADYALTPDMAIVDANLVMDMPK.S	29
PHEAT-2077	proteomics_heat	1295413	1295520	-	5	3	F.AVVTDATGQKYPLADYALTPDMAIVDANLVMDMPK.S	40
PHEAT-2078	proteomics_heat	1295488	1295520	-	5	2	F.AVVTDATGQK.Y	15
PHEAT-2079	proteomics_heat	1295488	1295571	-	5	9	K.MIAVTTTSGTGSEVTPFAVVTDATGQK.Y	32
PHEAT-2080	proteomics_heat	1295629	1295667	-	5	2	Y.EHPETHFEELALR.F	17
PHEAT-2081	proteomics_heat	1295629	1295685	-	5	9	K.IMWVMEHPETHFEELALR.F	23
PHEAT-2082	proteomics_heat	1295686	1295763	-	5	7	K.GAELANSFKPDVIALGGGSPMDAAK.I	30
PHEAT-2083	proteomics_heat	1295686	1295766	-	5	16	R.KGAELANSFKPDVIALGGGSPMDAAK.I	31
PHEAT-2084	proteomics_heat	1295767	1295832	-	5	38	K.AAGVETEVFFEVEADPTLSIVR.K	26
PHEAT-2085	proteomics_heat	1295833	1295880	-	5	15	R.FLFNNGYADQITSVLK.A	20
PHEAT-2086	proteomics_heat	1295902	1295952	-	5	10	R.GSLPIALDEVITDGHKR.A	21
PHEAT-2087	proteomics_heat	1295902	1295955	-	5	5	R.RGSLPIALDEVITDGHKR.A	22
PHEAT-2088	proteomics_heat	1295905	1295952	-	5	2	R.GSLPIALDEVITDGHK.R	20
PHEAT-2089	proteomics_heat	1295905	1295955	-	5	4	R.RGSLPIALDEVITDGHK.R	21
PHEAT-2090	proteomics_heat	1296037	1296108	-	5	7	K.LAPSLTLGCGSWGGSISENVGPK.H	28
PHEAT-2091	proteomics_heat	1296109	1296165	-	5	16	R.ILINTPASQGGIGDLYNFK.L	23
PHEAT-2092	proteomics_heat	1296202	1296270	-	5	20	K.LVAMGGIGHTSCLYTDQDNQPAR.V	27
PHEAT-2093	proteomics_heat	1296271	1296309	-	5	4	R.AKDFEDAVEKAEK.L	17
PHEAT-2094	proteomics_heat	1296280	1296303	-	5	2	K.DFEDAVEK.A	12
PHEAT-2095	proteomics_heat	1296280	1296309	-	5	8	R.AKDFEDAVEK.A	14
PHEAT-2096	proteomics_heat	1296310	1296336	-	5	4	K.LSPTLAMYP.A	13
PHEAT-2097	proteomics_heat	1296337	1296393	-	5	37	K.ILIGEVTVDESEPFHEK.L	23
PHEAT-2098	proteomics_heat	1296394	1296435	-	5	6	K.IAELAGFSVPENTK.I	18

PHEAT-2099	proteomics_heat	1296436	1296480	-	5	12	K.NGALNAAIVGQPAYK.I	19
PHEAT-2100	proteomics_heat	1296481	1296504	-	5	3	K.AVQDVILK.N	12
PHEAT-2101	proteomics_heat	1296514	1296549	-	5	24	R.FATHGGYLLQGK.E	16
PHEAT-2102	proteomics_heat	1296556	1296630	-	5	5	K.TFDNGVICASEQSVVVVDSVYDAVR.E	29
PHEAT-2103	proteomics_heat	1296658	1296723	-	5	3	K.PAIGVGAGNTPVVIDETADIKR.A	26
PHEAT-2104	proteomics_heat	1296658	1296735	-	5	2	Y.SSGKPAIGVGAGNTPVVIDETADIKR.A	30
PHEAT-2105	proteomics_heat	1296658	1296744	-	5	19	K.AAYSSGKPAIGVGAGNTPVVIDETADIKR.A	33
PHEAT-2106	proteomics_heat	1296661	1296744	-	5	2	K.AAYSSGKPAIGVGAGNTPVVIDETADIKR.R	32
PHEAT-2107	proteomics_heat	1296745	1296807	-	5	2	N.ALMHHPDINLILATGGPGMVK.A	25
PHEAT-2108	proteomics_heat	1296745	1296852	-	5	6	K.DLIGWIDQPSVELSNALMHPDINLILATGGPGMVK.A	40
PHEAT-2109	proteomics_heat	1296853	1296900	-	5	4	K.AADIVLQAAIAAGAPK.D	20
PHEAT-2110	proteomics_heat	1296922	1296951	-	5	16	R.NAIIFSPHR.A	14
PHEAT-2111	proteomics_heat	1296976	1297092	-	5	31	K.TCGVLSDDTFTGTTIAEPIGIIICGIVPTTNPTSTAIFK.S	43
PHEAT-2112	proteomics_heat	1297093	1297140	-	5	5	K.NHFASEYIYNAYKDEK.T	20
PHEAT-2113	proteomics_heat	1297102	1297140	-	5	10	K.NHFASEYIYNAYK.D	17
PHEAT-2114	proteomics_heat	1297150	1297191	-	5	7	K.MAVAESGMGIVEDK.V	18
PHEAT-2115	proteomics_heat	1297207	1297236	-	5	12	R.AAALAAADAR.I	14
PHEAT-2116	proteomics_heat	1297246	1297281	-	5	7	R.EYASFTQEVDK.I	16
PHEAT-2117	proteomics_heat	1297300	1297341	-	5	9	M.AVTNVAELNALVER.V	18
PHEAT-2118	proteomics_heat	1305590	1305667	-	6	3	R.EYLIMTTPYFVPSDDLHAICTAAQR.G	30
PHEAT-2119	proteomics_heat	1306262	1306318	-	6	2	K.GNQLQLMTESDDVMQALIR.D	23
PHEAT-2120	proteomics_heat	1306355	1306402	-	6	5	K.HIFAEENSSVAAPLFK.L	20
PHEAT-2121	proteomics_heat	1307379	1307435	-	4	3	R.LGDNADVIPGDSNDSSVLK.K	23
PHEAT-2122	proteomics_heat	1308782	1308808	-	6	6	R.LQLLHDEGR.L	13
PHEAT-2123	proteomics_heat	1309890	1309922	-	4	2	K.YVAVDPEGKPR.A	15
PHEAT-2124	proteomics_heat	1309950	1309979	-	4	2	K.KVASEPIGQR.Y	14
PHEAT-2125	proteomics_heat	1310034	1310096	-	4	3	R.VEGMTFLRPVAVGDVVCCYAR.C	25
PHEAT-2126	proteomics_heat	1310226	1310267	-	4	9	M.STTHNVPPQGDLVLR.T	18
PHEAT-2127	proteomics_heat	1312835	1312891	-	6	2	K.NAGDTASIPTIEAILNEEK.Q	23
PHEAT-2128	proteomics_heat	1312964	1313020	-	6	2	K.MAALGQSIGGIFPSDEIVK.G	23
PHEAT-2129	proteomics_heat	1313099	1313125	-	6	3	R.IEQHLSETK.N	13
PHEAT-2130	proteomics_heat	1313471	1313500	-	6	2	R.DAALIAAAQK.V	14
PHEAT-2131	proteomics_heat	1313588	1313623	-	6	2	R.IDQVVESESNLK.I	16
PHEAT-2132	proteomics_heat	1313729	1313782	-	6	6	K.TIEDVFIHLLSDTYSAEK.Q	22
PHEAT-2133	proteomics_heat	1314458	1314478	-	6	3	K.VFVQPMK.A	11
PHEAT-2134	proteomics_heat	1314497	1314529	-	6	10	K.IIEQHINEPEK.M	15
PHEAT-2135	proteomics_heat	1314584	1314643	-	6	2	K.EYNAAPPLQGFGISAPDQVK.A	24
PHEAT-2136	proteomics_heat	1314584	1314649	-	6	8	K.LKEYNAAPPLQGFGISAPDQVK.A	26
PHEAT-2137	proteomics_heat	1314650	1314673	-	6	2	L.PLNHLVAK.L	12
PHEAT-2138	proteomics_heat	1314755	1314811	-	6	12	R.HNVAPIFICPPNADDDLLR.Q	23
PHEAT-2139	proteomics_heat	1314827	1314886	-	6	13	K.VGVDSVLVADVPEESAPFR.Q	24
PHEAT-2140	proteomics_heat	1314887	1314919	-	6	3	K.GIDEFYAQCEK.V	15
PHEAT-2141	proteomics_heat	1314980	1315036	-	6	38	R.AFAAGVTPAQCFEMLALIR.Q	23
PHEAT-2142	proteomics_heat	1315037	1315066	-	6	2	D.GPTIQNATLR.A	14
PHEAT-2143	proteomics_heat	1315037	1315078	-	6	4	D.PLADGPTIQNATLR.A	18
PHEAT-2144	proteomics_heat	1315037	1315090	-	6	18	I.PFSDPLADGPTIQNATLR.A	22

PHEAT-2145	proteomics_heat	1315037	1315141	-	6	74	K.IIDTLIEAGADALELGIPFSDPLADGPTIQNATLR.A	39
PHEAT-2146	proteomics_heat	1315088	1315141	-	6	8	K.IIDTLIEAGADALELGIP.F	22
PHEAT-2147	proteomics_heat	1315142	1315201	-	6	6	K.EGAFVPFVTLGDPGIEQSLK.I	24
PHEAT-2148	proteomics_heat	1315142	1315204	-	6	4	R.KEGAFVPFVTLGDPGIEQSLK.I	25
PHEAT-2149	proteomics_heat	1315211	1315237	-	6	5	R.YESLFAQLK.E	13
PHEAT-2150	proteomics_heat	1315264	1315302	-	5	17	R.GDKDIFTVHDILK.A	17
PHEAT-2151	proteomics_heat	1315303	1315350	-	5	16	R.ENPDKEQLLVNLSGR.G	20
PHEAT-2152	proteomics_heat	1315360	1315428	-	5	6	K.TLCLHEGIIPALESSHALAHALK.M	27
PHEAT-2153	proteomics_heat	1315369	1315428	-	5	5	K.TLCLHEGIIPALESSHALAH.A	24
PHEAT-2154	proteomics_heat	1315429	1315476	-	5	17	R.ADYVSITDDEALEAFK.T	20
PHEAT-2155	proteomics_heat	1315834	1315914	-	5	6	R.DWSGSYETAHYMLGTAAGPHPYPTIVR.E	31
PHEAT-2156	proteomics_heat	1315915	1315938	-	5	4	K.DACNEALR.D	12
PHEAT-2157	proteomics_heat	1315939	1315989	-	5	14	R.LMGAEVIPVHSGSATLK.D	21
PHEAT-2158	proteomics_heat	1316053	1316130	-	5	27	K.TEIIAETGAGQHGVASALASALLGLK.C	30
PHEAT-2159	proteomics_heat	1316053	1316139	-	5	4	R.MGKTEIIAETGAGQHGVASALASALLGLK.C	33
PHEAT-2160	proteomics_heat	1316143	1316178	-	5	2	K.TNQVLGQALLAK.R	16
PHEAT-2161	proteomics_heat	1316179	1316208	-	5	8	R.EDLLHGGAHK.T	14
PHEAT-2162	proteomics_heat	1316209	1316256	-	5	3	K.CQNITAGTNTTLYLKR.E	20
PHEAT-2163	proteomics_heat	1316212	1316256	-	5	3	K.CQNITAGTNTTLYLK.R	19
PHEAT-2164	proteomics_heat	1316257	1316289	-	5	6	K.NYAGRPTALTK.C	15
PHEAT-2165	proteomics_heat	1316263	1316289	-	5	3	K.NYAGRPTAL.T	13
PHEAT-2166	proteomics_heat	1316290	1316328	-	5	3	K.DPEFQAQFNDLLK.N	17
PHEAT-2167	proteomics_heat	1316290	1316361	-	5	9	R.QLEEFVSAQKDFEFQAQFNDLLK.N	28
PHEAT-2168	proteomics_heat	1316362	1316436	-	5	10	M.TLLNPNPYFGEFGMYVPQILMPALR.Q	29
PHEAT-2169	proteomics_heat	1316646	1316684	-	4	3	K.YVLDNGQGGSGQR.F	17
PHEAT-2170	proteomics_heat	1316646	1316705	-	4	3	R.EFQHVDKYVLDNGQGGSGQR.F	24
PHEAT-2171	proteomics_heat	1316706	1316738	-	4	2	K.ALSVGETLPAR.E	15
PHEAT-2172	proteomics_heat	1316772	1316837	-	4	24	K.VLSLAAVQLHGNEEQLYIDTLR.E	26
PHEAT-2173	proteomics_heat	1316838	1316873	-	4	5	R.NHDIADVVDKAK.V	16
PHEAT-2174	proteomics_heat	1316844	1316873	-	4	5	R.NHDIADVVDK.A	14
PHEAT-2175	proteomics_heat	1316874	1316942	-	4	3	R.CVNVEQAQEVMAAAPLQYVGVFR.N	27
PHEAT-2176	proteomics_heat	1317060	1317137	-	4	8	R.ELSHFANGFLIGSALMAHDDLHA AVR.R	30
PHEAT-2177	proteomics_heat	1317138	1317197	-	4	10	K.LGHNVTVISESGINTYAQVR.E	24
PHEAT-2178	proteomics_heat	1317219	1317242	-	4	2	R.DLSIDLNR.T	12
PHEAT-2179	proteomics_heat	1317294	1317368	-	4	9	R.QLAAVAHSLEMGVLTVEVSNEEEQER.A	29
PHEAT-2180	proteomics_heat	1317369	1317428	-	4	2	R.YYQADACLMLSLVDDDDQYR.Q	24
PHEAT-2181	proteomics_heat	1317468	1317536	-	4	7	K.YFQGSFNFLPIVSQIAPQPILCK.D	27
PHEAT-2182	proteomics_heat	1317537	1317575	-	4	6	K.HYASAISVLTDEK.Y	17
PHEAT-2183	proteomics_heat	1317594	1317626	-	4	2	K.GVIRDDFDPAR.I	15
PHEAT-2184	proteomics_heat	1317645	1317668	-	4	3	R.TAFILECK.K	12
PHEAT-2185	proteomics_heat	1317669	1317698	-	4	8	R.HFYDALQGAR.T	14
PHEAT-2186	proteomics_heat	1317699	1317752	-	4	10	R.KQQQPLASFQNEVQPSTR.H	22
PHEAT-2187	proteomics_heat	1317861	1317917	-	4	20	R.LHGHEDLQANAQTVLEVLR.S	23
PHEAT-2188	proteomics_heat	1317918	1317971	-	4	5	K.GDAAHEA AAVANVAMLMR.L	22
PHEAT-2189	proteomics_heat	1318086	1318172	-	4	4	R.AAVVHSGGMDEVSLHAPTIVAE LHDGEIK.S	33
PHEAT-2190	proteomics_heat	1318191	1318262	-	4	2	P.AHPPLALIGVYSPELVLP I AETLR.V	28

PHEAT-2191	proteomics_heat	1318191	1318271	-	4	2	L.INPAHPPLALIGVYSPELVLPPIAETLR.V	31
PHEAT-2192	proteomics_heat	1318191	1318298	-	4	8	R.TLFNVLGPLINPAHPPLALIGVYSPELVLPPIAETLR.V	40
PHEAT-2193	proteomics_heat	1318353	1318397	-	4	5	R.QALDELGVCFLFAPK.Y	19
PHEAT-2194	proteomics_heat	1318404	1318463	-	4	13	K.SGSSDLLAAFGINLDMNADK.S	24
PHEAT-2195	proteomics_heat	1318680	1318727	-	4	7	R.GELKPEQLAAALVSMK.I	20
PHEAT-2196	proteomics_heat	1318728	1318790	-	4	11	K.LYQAQTLSSQQESHQLFSAVVR.G	25
PHEAT-2197	proteomics_heat	1318791	1318829	-	4	3	K.LEPANTLQPILEK.L	17
PHEAT-2198	proteomics_heat	1318830	1318865	-	4	5	R.LLEQTLAWAQQK.L	16
PHEAT-2199	proteomics_heat	1318866	1318919	-	4	6	R.VCGFQFHPESILTTQGAR.L	22
PHEAT-2200	proteomics_heat	1319016	1319084	-	4	4	K.ASSIEHDGQAMFAGLTNPLPVAR.Y	27
PHEAT-2201	proteomics_heat	1319085	1319177	-	4	3	K.LPIIGICLGHQAIVEAYGGYVGQAGEILHGK.A	35
PHEAT-2202	proteomics_heat	1319190	1319279	-	4	8	R.LATMSNPVLMSPGPGVPSEAGCMPPELLTR.L	34
PHEAT-2203	proteomics_heat	1319280	1319312	-	4	3	R.NHIPAQTLIER.L	15
PHEAT-2204	proteomics_heat	1319343	1319405	-	4	26	M.ADILLLDNIDSFTYNLADQLR.S	25
PHEAT-2205	proteomics_heat	1319411	1319446	-	6	10	R.AIATAHHAQETF.-	16
PHEAT-2206	proteomics_heat	1319639	1319671	-	6	3	R.AMQLIAEAAGR.R	15
PHEAT-2207	proteomics_heat	1319678	1319716	-	6	2	R.ACMNMGTLGAPK.V	17
PHEAT-2208	proteomics_heat	1319717	1319746	-	6	10	R.HDLDALHAYR.A	14
PHEAT-2209	proteomics_heat	1319765	1319794	-	6	4	R.YSYVMHLVSR.V	14
PHEAT-2210	proteomics_heat	1319765	1319803	-	6	2	K.VDRYSYVMHLVSR.V	17
PHEAT-2211	proteomics_heat	1319804	1319824	-	6	2	R.YVADLTK.V	11
PHEAT-2212	proteomics_heat	1319861	1319899	-	6	4	K.ELSEHMLMLVDLAR.N	17
PHEAT-2213	proteomics_heat	1319861	1319911	-	6	5	R.TDHKELSEHMLMLVDLAR.N	21
PHEAT-2214	proteomics_heat	1320032	1320112	-	6	3	K.SNPSPYMFQMNDFTLFGASPESSLK.Y	31
PHEAT-2215	proteomics_heat	1320167	1320199	-	6	2	R.AGEIFQVVPSR.R	15
PHEAT-2216	proteomics_heat	1320266	1320322	-	6	4	R.QQLTEAAPPLPVVSVPHMR.C	23
PHEAT-2217	proteomics_heat	1320350	1320394	-	6	3	R.IQASLFAPNEEEKQR.L	19
PHEAT-2218	proteomics_heat	1320548	1320586	-	6	7	R.LLQNLNVPKEER.E	17
PHEAT-2219	proteomics_heat	1320587	1320619	-	6	2	R.LCSLSVFDAFR.L	15
PHEAT-2220	proteomics_heat	1320668	1320790	-	6	6	R.ITALGDTVTIQALSGNGEALLALLDNALPAGVESEQSPNCR.V	45
PHEAT-2221	proteomics_heat	1320791	1320820	-	6	3	K.SLLLVDLSALR.I	14
PHEAT-2222	proteomics_heat	1320821	1320916	-	6	3	R.DNPITALFHQLCGDRPATLLESADIDSKDDLK.S	36
PHEAT-2223	proteomics_heat	1320917	1320970	-	6	5	T.MQTQKPTLELLTCEGAYR.D	22
PHEAT-2224	proteomics_heat	1326438	1326491	-	4	2	K.TPADIMPLYLWLMGDDSR.R	22
PHEAT-2225	proteomics_heat	1326543	1326572	-	4	2	R.VNCINPGGTR.T	14
PHEAT-2226	proteomics_heat	1326579	1326629	-	4	4	K.FATEGMMQVLADEYQQR.L	21
PHEAT-2227	proteomics_heat	1326951	1326986	-	4	6	R.QVASHINEETGR.Q	16
PHEAT-2228	proteomics_heat	1328576	1328626	-	6	4	R.EHEDTLAGIEATGVTQR.N	21
PHEAT-2229	proteomics_heat	1328576	1328635	-	6	2	K.IIREHEDTLAGIEATGVTQR.N	24
PHEAT-2230	proteomics_heat	1328648	1328683	-	6	2	K.ETQPIDRETLK.E	16
PHEAT-2231	proteomics_heat	1328663	1328692	-	6	2	I.MNKETQPIDR.E	14
PHEAT-2232	proteomics_heat	1336627	1336659	-	5	3	R.NPNNEHYLDTK.A	15
PHEAT-2233	proteomics_heat	1336681	1336725	-	5	2	K.KVEILTEAGINIVER.V	19
PHEAT-2234	proteomics_heat	1336771	1336800	-	5	2	R.DFTLCADMFK.L	14
PHEAT-2235	proteomics_heat	1336993	1337037	-	5	4	R.VHSECLTGDALFSLR.C	19
PHEAT-2236	proteomics_heat	1340766	1340873	-	4	2	R.CKFCQFGIIEIDTGNQANALTFTSTGLTLNTHHTVA.F	40

PHEAT-2237	proteomics_heat	1341137	1341256	-	6	121	R.NTAIGAGAGALGGAVLTDGSTLGLTGGAAVGGVIGHQV GK.-	44
PHEAT-2238	proteomics_heat	1341648	1341680	-	4	3	R.ASDLMHLEHSK.L	15
PHEAT-2239	proteomics_heat	1341714	1341755	-	4	4	K.FGAVHSYSIGPVER.F	18
PHEAT-2240	proteomics_heat	1341834	1341884	-	4	3	K.AFIGIDGWQPETGFTGR.D	21
PHEAT-2241	proteomics_heat	1341915	1341947	-	4	3	K.KSESMVGPLTR.Q	15
PHEAT-2242	proteomics_heat	1341993	1342040	-	4	2	K.NVTIITVSSYIAHLLK.D	20
PHEAT-2243	proteomics_heat	1342296	1342358	-	4	3	R.QQTILQMVIDQGQVSVTDLAK.A	25
PHEAT-2244	proteomics_heat	1345005	1345028	-	4	4	R.SIARPVA.-	12
PHEAT-2245	proteomics_heat	1345098	1345142	-	4	12	R.DELVCSQENGTVQIK.G	19
PHEAT-2246	proteomics_heat	1345098	1345199	-	4	4	R.LVDNGAIAFIPAPFLHAVRDELVCSQENGTVQIK.G	38
PHEAT-2247	proteomics_heat	1345143	1345199	-	4	5	R.LVDNGAIAFIPAPFLHAVR.D	23
PHEAT-2248	proteomics_heat	1345218	1345247	-	4	2	R.FAAEIVDISR.G	14
PHEAT-2249	proteomics_heat	1345281	1345307	-	4	4	R.DVGDWLYAR.F	13
PHEAT-2250	proteomics_heat	1345335	1345388	-	4	7	K.GETATRPQDEITVQMAER.R	22
PHEAT-2251	proteomics_heat	1345335	1345400	-	4	4	K.AVIKGETATRPQDEITVQMAER.R	26
PHEAT-2252	proteomics_heat	1345410	1345433	-	4	3	K.YGDMINHR.L	12
PHEAT-2253	proteomics_heat	1345536	1345574	-	4	5	R.ELDAQPTGFLLDSR.I	17
PHEAT-2254	proteomics_heat	1345536	1345577	-	4	2	R.RELDAQPTGFLLDSR.I	18
PHEAT-2255	proteomics_heat	1345584	1345640	-	4	50	K.THGLHVDAAEEVLTLDGFCK.L	23
PHEAT-2256	proteomics_heat	1345641	1345688	-	4	2	H.MGFDPANADALAALLK.T	20
PHEAT-2257	proteomics_heat	1345641	1345694	-	4	7	N.VHMGFDPANADALAALLK.T	22
PHEAT-2258	proteomics_heat	1345641	1345715	-	4	8	K.LGFGIYNVHMGFDPANADALAALLK.T	29
PHEAT-2259	proteomics_heat	1345641	1345721	-	4	3	R.DKLGFGIYNVHMGFDPANADALAALLK.T	31
PHEAT-2260	proteomics_heat	1345791	1345823	-	4	2	K.GEVLDIVAEPR.R	15
PHEAT-2261	proteomics_heat	1345791	1345841	-	4	6	R.FILGEKGEVLDIVAEPR.R	21
PHEAT-2262	proteomics_heat	1345923	1346006	-	4	5	K.LVYDQVSDWLENTGDWQPESEAIAEQVR.L	32
PHEAT-2263	proteomics_heat	1346013	1346081	-	4	6	R.MTLSADGTIEDNIEFFAATIESK.A	27
PHEAT-2264	proteomics_heat	1346082	1346114	-	4	3	R.ANEVRPVLACR.M	15
PHEAT-2265	proteomics_heat	1346145	1346192	-	4	2	R.AFTNYLPGFNIPMLPR.E	20
PHEAT-2266	proteomics_heat	1346208	1346291	-	4	2	K.ALPDCLKQLIVAIADPTAWIAEGSKL DK.A	32
PHEAT-2267	proteomics_heat	1346217	1346267	-	4	6	Q.LIVAIADPTAWIAEGSK.L	21
PHEAT-2268	proteomics_heat	1346217	1346273	-	4	2	K.LQLIVAIADPTAWIAEGSK.L	23
PHEAT-2269	proteomics_heat	1346217	1346291	-	4	20	K.ALPDCLKQLIVAIADPTAWIAEGSK.L	29
PHEAT-2270	proteomics_heat	1346292	1346369	-	4	3	R.EDLTALDFVTIDSASTEDMDDALFAK.A	30
PHEAT-2271	proteomics_heat	1346370	1346420	-	4	5	K.EAPDGVATEMLDEGLVR.E	21
PHEAT-2272	proteomics_heat	1346538	1346567	-	4	2	K.EGDWAVAEMR.R	14
PHEAT-2273	proteomics_heat	1346538	1346588	-	4	6	R.GLNHEFKEGDWAVAEMR.R	21
PHEAT-2274	proteomics_heat	1346616	1346648	-	4	2	R.LAIVPDHPLLK.D	15
PHEAT-2275	proteomics_heat	1346682	1346726	-	4	6	R.ESAEPEELVEPFLTR.F	19
PHEAT-2276	proteomics_heat	1346733	1346759	-	4	4	R.IIAVIHSEK.E	13
PHEAT-2277	proteomics_heat	1346781	1346810	-	4	2	K.SYFIPPPQMK.K	14
PHEAT-2278	proteomics_heat	1346811	1346843	-	4	4	K.GFGFLEVDAQK.S	15
PHEAT-2279	proteomics_heat	1348410	1348448	-	4	2	K.MLAHCEAVTPIRR.T	17
PHEAT-2280	proteomics_heat	1348413	1348448	-	4	13	K.MLAHCEAVTPIR.R	16
PHEAT-2281	proteomics_heat	1348413	1348451	-	4	2	R.KMLAHCEAVTPIR.R	17
PHEAT-2282	proteomics_heat	1348485	1348514	-	4	10	R.VNAISAGPIR.T	14

PHEAT-2283	proteomics_heat	1348515	1348550	-	4	7	R.YMANAMGPEGVR.V	16
PHEAT-2284	proteomics_heat	1348611	1348667	-	4	43	R.SMLNPGSALLTSLYLGAER.A	23
PHEAT-2285	proteomics_heat	1348677	1348721	-	4	48	K.IAHDISSYSFVAMAK.A	19
PHEAT-2286	proteomics_heat	1348734	1348793	-	4	3	H.SIGFAPGDQLDGDYVNAVTR.E	24
PHEAT-2287	proteomics_heat	1348734	1348811	-	4	16	K.FDGFVHSIGFAPGDQLDGDYVNAVTR.E	30
PHEAT-2288	proteomics_heat	1348824	1348922	-	4	44	R.VEEFAAQLGSDIVLQCDVAEDASIDTMFAELGK.V	37
PHEAT-2289	proteomics_heat	1348824	1348928	-	4	38	K.GRVEEFAAQLGSDIVLQCDVAEDASIDTMFAELGK.V	39
PHEAT-2290	proteomics_heat	1348929	1348973	-	4	6	R.EGAELAFTYQNDKLK.G	19
PHEAT-2291	proteomics_heat	1348929	1348997	-	4	5	Y.GIAQAMHREGAELAFTYQNDKLK.G	27
PHEAT-2292	proteomics_heat	1348935	1348973	-	4	8	R.EGAELAFTYQNDK.L	17
PHEAT-2293	proteomics_heat	1348974	1349012	-	4	8	K.LSIAYGIAQAMHR.E	17
PHEAT-2294	proteomics_heat	1349013	1349039	-	4	5	R.ILVTVGASK.L	13
PHEAT-2295	proteomics_heat	1349013	1349042	-	4	3	K.RILVTGVASK.L	14
PHEAT-2296	proteomics_heat	1350191	1350253	-	6	3	R.MVGLLPDHVSYYPHMLAPGQK.Q	25
PHEAT-2297	proteomics_heat	1353599	1353673	-	6	5	R.IEAYDEAQSILAQELPILPLASSLR.L	29
PHEAT-2298	proteomics_heat	1354190	1354270	-	6	3	R.LTLRPGMNVAYLAFNTAKPPLNNPAVR.H	31
PHEAT-2299	proteomics_heat	1355567	1355605	-	6	3	R.TPLAHYFQLLLTR.L	17
PHEAT-2300	proteomics_heat	1355606	1355668	-	6	2	K.YFDIADEYATECAEPVAEAER.T	25
PHEAT-2301	proteomics_heat	1356090	1356197	-	4	3	R.TPALNVIMVGIVALSAFFDLVTATALINFGALVAF.T	40
PHEAT-2302	proteomics_heat	1358375	1358425	-	6	6	R.DAEGYLQPPCAPGTDDR.N	21
PHEAT-2303	proteomics_heat	1363108	1363170	-	5	9	R.AVDHAAAVQQAVVGGKTVVIK.Q	25
PHEAT-2304	proteomics_heat	1364369	1364413	-	6	6	V.TDHARKRHPAREAFR.H	19
PHEAT-2305	proteomics_heat	1386332	1386436	-	6	35	R.AVVVIDENDNVIFSQLVDEITTEPDYEAALAVLKA.-	39
PHEAT-2306	proteomics_heat	1386335	1386436	-	6	4	R.AVVVIDENDNVIFSQLVDEITTEPDYEAALAVLK.A	38
PHEAT-2307	proteomics_heat	1386437	1386505	-	6	11	R.NAEFLQAYGVAIADGPLKGLAAR.A	27
PHEAT-2308	proteomics_heat	1386452	1386505	-	6	94	R.NAEFLQAYGVAIADGPLK.G	22
PHEAT-2309	proteomics_heat	1386506	1386556	-	6	102	R.FCGAEGLNNTLSTFR.N	21
PHEAT-2310	proteomics_heat	1386557	1386634	-	6	46	K.FNQLATEIDNTVVLCSADLPFAQSR.F	30
PHEAT-2311	proteomics_heat	1386557	1386637	-	6	424	R.KFNQLATEIDNTVVLCSADLPFAQSR.F	31
PHEAT-2312	proteomics_heat	1386590	1386637	-	6	2	R.KFNQLATEIDNTVVL.C.I	20
PHEAT-2313	proteomics_heat	1386638	1386691	-	6	22	K.VLNIFPSIDTGVCAASVR.K	22
PHEAT-2314	proteomics_heat	1386638	1386694	-	6	7	R.KVLNIFPSIDTGVCAASVR.K	23
PHEAT-2315	proteomics_heat	1386695	1386736	-	6	2	K.DLSDVTLGQFAGKR.K	18
PHEAT-2316	proteomics_heat	1386698	1386736	-	6	29	K.DLSDVTLGQFAGK.R	17
PHEAT-2317	proteomics_heat	1386764	1386832	-	6	55	M.SQTVHFQGNPVTVANSIPQAGSK.A	27
PHEAT-2318	proteomics_heat	1393254	1393331	-	4	2	K.ITTFDNRPLYVPNSLFSSISVENPGR.M	30
PHEAT-2319	proteomics_heat	1395699	1395767	-	4	4	R.CDLLVIKPDQYQTPVELDDEEDD.-	27
PHEAT-2320	proteomics_heat	1395768	1395827	-	4	4	R.TGISAAFLGNTAEQVIDHLR.C	24
PHEAT-2321	proteomics_heat	1395828	1395905	-	4	42	K.GLP EEVIPDLAHLQAGIVVLGTVGR.T	30
PHEAT-2322	proteomics_heat	1395906	1395941	-	4	6	K.FGINENMTHVEK.G	16
PHEAT-2323	proteomics_heat	1396122	1396181	-	4	2	K.ALAVNLA SEEPYHNALNEK.L	24
PHEAT-2324	proteomics_heat	1396239	1396283	-	4	2	R.LEAVIFTPTDWHLLR.K	19
PHEAT-2325	proteomics_heat	1396305	1396367	-	4	4	H.NRPFEAI IQEVISGGHDLVLK.M	25
PHEAT-2326	proteomics_heat	1396305	1396379	-	4	2	K.VVWHNRPFEAI IQEVISGGHDLVLK.M	29
PHEAT-2327	proteomics_heat	1396380	1396415	-	4	2	K.YYLNAGVPIEIK.V	16
PHEAT-2328	proteomics_heat	1396416	1396442	-	4	2	R.TAWIHEQAK.Y	13

PHEAT-2329	proteomics_heat	1396476	1396538	-	4	22	K.AFLPIYDFSYEMTLLSPDER.T	25
PHEAT-2330	proteomics_heat	1396810	1396863	-	5	5	K.YITIENNDALAQLAGHTR.N	22
PHEAT-2331	proteomics_heat	1396810	1396869	-	5	3	K.GKYITIIENNDALAQLAGHTR.N	24
PHEAT-2332	proteomics_heat	1396810	1396893	-	5	3	Q.KSGMLAVKGYITIIENNDALAQLAGHTR.N	32
PHEAT-2333	proteomics_heat	1396810	1396899	-	5	2	R.FQKSGMLAVKGYITIIENNDALAQLAGHTR.N	34
PHEAT-2334	proteomics_heat	1396912	1396959	-	5	3	R.GDIGNYLGLTVETISR.L	20
PHEAT-2335	proteomics_heat	1397014	1397043	-	5	2	R.LAAFIYNLSR.R	14
PHEAT-2336	proteomics_heat	1397062	1397115	-	5	3	R.LMSGEIKGDQDMILLLSK.K	22
PHEAT-2337	proteomics_heat	1409184	1409258	-	4	4	R.IETMFSAMQNVVPSHLCDTNLFDK.G	29
PHEAT-2338	proteomics_heat	1409310	1409363	-	4	2	K.AFPIPCNLCSQPNLQR.Q	22
PHEAT-2339	proteomics_heat	1409472	1409519	-	4	2	R.DDILQTLFLNMFYGGK.M	20
PHEAT-2340	proteomics_heat	1409733	1409792	-	4	2	R.NLQQSAPINFSLVAVNLDQK.Q	24
PHEAT-2341	proteomics_heat	1409850	1409900	-	4	2	R.NVGEAIADFNMIIEGDR.I	21
PHEAT-2342	proteomics_heat	1409943	1409972	-	4	2	I.MQENQQITKK.E	14
PHEAT-2343	proteomics_heat	1418005	1418085	-	5	2	R.FFSDVVGPEHWGLNEYPIPTNSDTK.S	31
PHEAT-2344	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2345	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2346	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2347	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2348	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2349	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2350	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2351	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2352	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2353	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2354	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2355	proteomics_heat	1426394	1426423	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-2356	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2357	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2358	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2359	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2360	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2361	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2362	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2363	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2364	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2365	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2366	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2367	proteomics_heat	1426565	1426594	-	6	2	R.RPYPLETMLR.I	14
PHEAT-2368	proteomics_heat	1433212	1433241	-	5	7	R.HAECSVLVVR.-	14
PHEAT-2369	proteomics_heat	1433350	1433388	-	5	8	R.VHVHVEEGSPKDR.I	17
PHEAT-2370	proteomics_heat	1433356	1433388	-	5	4	R.VHVHVEEGSPK.D	15
PHEAT-2371	proteomics_heat	1433410	1433436	-	5	2	K.SQLEEIKK.F	13
PHEAT-2372	proteomics_heat	1433557	1433586	-	5	6	R.VISHVEEEAK.I	14
PHEAT-2373	proteomics_heat	1433587	1433634	-	5	6	R.TILVPIDISDSELTQR.V	20
PHEAT-2374	proteomics_heat	1434807	1434836	-	4	2	K.DGNKLDLYGK.V	14

PHEAT-2375	proteomics_heat	1434807	1434836	-	4	2	K.DGNKLDLYGK.V	14
PHEAT-2376	proteomics_heat	1434807	1434836	-	4	2	K.DGNKLDLYGK.V	14
PHEAT-2377	proteomics_heat	1434807	1434836	-	4	2	K.DGNKLDLYGK.V	14
PHEAT-2378	proteomics_heat	1434807	1434854	-	4	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2379	proteomics_heat	1434807	1434854	-	4	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2380	proteomics_heat	1434807	1434854	-	4	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2381	proteomics_heat	1434807	1434854	-	4	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2382	proteomics_heat	1435416	1435502	-	4	2	R.RADEGKLPALDSRPPSEAPEETLLHEQR.F	33
PHEAT-2383	proteomics_heat	1435944	1435967	-	4	2	R.DADALVEK.S	12
PHEAT-2384	proteomics_heat	1435968	1436009	-	4	2	R.QQLNDVAEAHELLR.D	18
PHEAT-2385	proteomics_heat	1436058	1436111	-	4	6	R.LLDQFADKIPAELLTALK.S	22
PHEAT-2386	proteomics_heat	1437237	1437299	-	4	4	R.LKPGGIFLLNTPYSADEVWSR.L	25
PHEAT-2387	proteomics_heat	1437558	1437635	-	4	2	R.FTVGIYDDVTNLSLPLPENTLPNSAK.L	30
PHEAT-2388	proteomics_heat	1437855	1437887	-	4	2	K.HLLQALPGSVR.S	15
PHEAT-2389	proteomics_heat	1438335	1438418	-	4	2	R.QTGCAMLCAANVQEAQDFALISQIATLK.S	32
PHEAT-2390	proteomics_heat	1438419	1438478	-	4	2	R.TVATHALSIFGDHSDVM AVR.Q	24
PHEAT-2391	proteomics_heat	1438479	1438523	-	4	3	K.LAGELTPFVLHVAAR.T	19
PHEAT-2392	proteomics_heat	1439384	1439437	-	6	2	K.EGAQVDLTANQLTLATAK.Q	22
PHEAT-2393	proteomics_heat	1439438	1439497	-	6	2	R.MMCANPQLNELDNTISEMLK.E	24
PHEAT-2394	proteomics_heat	1439591	1439665	-	6	2	R.FVLESVNGKPVTS DKNPPEISFGEK.M	29
PHEAT-2395	proteomics_heat	1439908	1439979	-	5	2	Q.AFLTAEALTSISQTTLQNLNLEK.G	28
PHEAT-2396	proteomics_heat	1439908	1440018	-	5	19	R.LSACHNVLFTGHQAFLTAEALTSISQTTLQNLNLEK.G	41
PHEAT-2397	proteomics_heat	1440124	1440165	-	5	4	R.GALIDSQAATIEALK.N	18
PHEAT-2398	proteomics_heat	1440166	1440195	-	5	6	K.NGVMI VNTSR.G	14
PHEAT-2399	proteomics_heat	1440397	1440489	-	5	2	R.TRDANFSLEGLTGFTMYGKTAGVIGTGKIGV.A	35
PHEAT-2400	proteomics_heat	1440433	1440483	-	5	6	R.DANFSLEGLTGFTMYGK.T	21
PHEAT-2401	proteomics_heat	1440433	1440489	-	5	2	R.TRDANFSLEGLTGFTMYGK.T	23
PHEAT-2402	proteomics_heat	1440514	1440579	-	5	7	R.VPAYDPEAVA EHAIGMMMTLNR.R	26
PHEAT-2403	proteomics_heat	1440604	1440642	-	5	2	R.CAGFNNVDLDAK.E	17
PHEAT-2404	proteomics_heat	1440670	1440747	-	5	6	K.TANGCEAVCIVNDDGSRPVLEELKK.H	30
PHEAT-2405	proteomics_heat	1461954	1462001	-	4	20	A.TAMPSGWV PVRQNLAR.S	20
PHEAT-2406	proteomics_heat	1480375	1480446	-	5	34	K.DGPTDLVTPYLSTFLGFIGITDVK.F	28
PHEAT-2407	proteomics_heat	1480375	1480461	-	5	10	R.GGIHKDGPTDLVTPYLSTFLGFIGITDVK.F	33
PHEAT-2408	proteomics_heat	1480483	1480524	-	5	3	R.YTENGPEGLVTGKK.A	18
PHEAT-2409	proteomics_heat	1480486	1480524	-	5	3	R.YTENGPEGLVTGK.K	17
PHEAT-2410	proteomics_heat	1480567	1480629	-	5	7	K.AHDVIVIAAPMYNFNISTQLK.N	25
PHEAT-2411	proteomics_heat	1480630	1480677	-	5	6	R.QQEALALSDELIAELK.A	20
PHEAT-2412	proteomics_heat	1480678	1480761	-	5	3	R.DLAANPIPVL D GELVGALRPSDAPLTPR.Q	32
PHEAT-2413	proteomics_heat	1480762	1480788	-	5	5	K.HSADEITVR.D	13
PHEAT-2414	proteomics_heat	1492241	1492309	-	6	4	R.HATLVALPVP GHGAGEPIGILTR.V	27
PHEAT-2415	proteomics_heat	1492712	1492783	-	6	2	R.VGALPTAALGILPSVIGQFHQQQK.E	28
PHEAT-2416	proteomics_heat	1492856	1492909	-	6	2	R.QGAQLTLPGEQFLTHAVR.V	22
PHEAT-2417	proteomics_heat	1514479	1514529	-	5	7	H.QILTLPPQHPVFPAYR.K	21
PHEAT-2418	proteomics_heat	1520478	1520543	-	4	2	K.ATGATGDGTQPGDV DYT VSTR.F	26
PHEAT-2419	proteomics_heat	1522598	1522666	-	6	3	N.GTYTIAALPIIGILLVIGWFGVR.K	27
PHEAT-2420	proteomics_heat	1533394	1533480	-	5	3	R.AAIINALHLTEDDILPGLPIQVATTGHSK.V	33

PHEAT-2421	proteomics_heat	1543942	1543971	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-2422	proteomics_heat	1543942	1543971	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-2423	proteomics_heat	1543942	1543971	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-2424	proteomics_heat	1543942	1543971	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-2425	proteomics_heat	1543942	1543989	-	5	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2426	proteomics_heat	1543942	1543989	-	5	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2427	proteomics_heat	1543942	1543989	-	5	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2428	proteomics_heat	1543942	1543989	-	5	4	A.AEVYNKDGKLDLYGK.V	20
PHEAT-2429	proteomics_heat	1552020	1552079	-	4	5	K.TSAEALQQAIDDNFWQAEYR.D	24
PHEAT-2430	proteomics_heat	1552080	1552109	-	4	2	K.MAQQQGVAVK.T	14
PHEAT-2431	proteomics_heat	1552155	1552250	-	4	5	R.ITDEMLMSASETLAQYSPLVLNGEGMVLPELK.D	36
PHEAT-2432	proteomics_heat	1552251	1552331	-	4	5	K.IYPIAQCNNAFIFPGIGLVIASGASR.I	31
PHEAT-2433	proteomics_heat	1552251	1552337	-	4	3	K.DKIYPIAQCNNAFIFPGIGLVIASGASR.I	33
PHEAT-2434	proteomics_heat	1552338	1552427	-	4	7	R.VEATPQDIIAWTEGNALVATGSPFNPVVWK.D	34
PHEAT-2435	proteomics_heat	1552428	1552475	-	4	2	K.HCPRPIVMPLSNPTS.R.V	20
PHEAT-2436	proteomics_heat	1552557	1552616	-	4	6	R.ENLSDWDTSDVLSLLDVVR.N	24
PHEAT-2437	proteomics_heat	1552632	1552661	-	4	2	K.MPNLLPFQTK.L	14
PHEAT-2438	proteomics_heat	1552734	1552805	-	4	2	K.KIVFLGAGSAGCGIAEMIISQTR.E	28
PHEAT-2439	proteomics_heat	1552803	1552832	-	4	2	R.AAGGQLSEKK.I	14
PHEAT-2440	proteomics_heat	1552833	1552916	-	4	5	R.YRNEICSFNDDIQGTAAVTVGTLIAASR.A	32
PHEAT-2441	proteomics_heat	1553052	1553168	-	4	2	K.LSLYTACGGISPAYTLPVVLDVGTNNQQLNDPLYMGWR.N	43
PHEAT-2442	proteomics_heat	1553250	1553297	-	4	9	R.HNMDDILQNVPNHNIK.V	20
PHEAT-2443	proteomics_heat	1553352	1553423	-	4	5	R.LVNNHLDMMPIYPTVGAACER.F	28
PHEAT-2444	proteomics_heat	1553460	1553489	-	4	3	K.TEIDKHIYLR.N	14
PHEAT-2445	proteomics_heat	1553517	1553579	-	4	18	R.NFNLLGLLPEVVETIEEQAER.A	25
PHEAT-2446	proteomics_heat	1553517	1553582	-	4	22	R.RNFNLLGLLPEVVETIEEQAER.A	26
PHEAT-2447	proteomics_heat	1553610	1553666	-	4	8	R.SLYIPYAGPVLLFPLLNK.G	23
PHEAT-2448	proteomics_heat	1566987	1567016	-	4	4	R.SPHYIVMNDK.K	14
PHEAT-2449	proteomics_heat	1567047	1567097	-	4	3	K.ANTGVTLPEINSQNA PK.G	21
PHEAT-2450	proteomics_heat	1568678	1568710	-	6	4	K.LQGIAQQNSFK.H	15
PHEAT-2451	proteomics_heat	1568678	1568710	-	6	4	K.LQGIAQQNSFK.H	15
PHEAT-2452	proteomics_heat	1568744	1568788	-	6	2	R.GFEMDFAELLEDYK.A	19
PHEAT-2453	proteomics_heat	1568744	1568788	-	6	2	R.GFEMDFAELLEDYK.A	19
PHEAT-2454	proteomics_heat	1568744	1568791	-	6	18	R.RGFEMDFAELLEDYK.A	20
PHEAT-2455	proteomics_heat	1568744	1568791	-	6	18	R.RGFEMDFAELLEDYK.A	20
PHEAT-2456	proteomics_heat	1568804	1568863	-	6	10	R.GWQVPAFTLGGEATDIVVMR.I	24
PHEAT-2457	proteomics_heat	1568804	1568863	-	6	10	R.GWQVPAFTLGGEATDIVVMR.I	24
PHEAT-2458	proteomics_heat	1568876	1568920	-	6	2	K.DGEDPGYTLYDL SER.L	19
PHEAT-2459	proteomics_heat	1568876	1568920	-	6	2	K.DGEDPGYTLYDL SER.L	19
PHEAT-2460	proteomics_heat	1568876	1568926	-	6	5	K.LKDGEDPGYTLYDL SER.L	21
PHEAT-2461	proteomics_heat	1568876	1568926	-	6	5	K.LKDGEDPGYTLYDL SER.L	21
PHEAT-2462	proteomics_heat	1568927	1568992	-	6	5	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PHEAT-2463	proteomics_heat	1568927	1568992	-	6	5	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PHEAT-2464	proteomics_heat	1568993	1569046	-	6	12	K.VQNASYQVAAYLADEIAK.L	22
PHEAT-2465	proteomics_heat	1568993	1569046	-	6	12	K.VQNASYQVAAYLADEIAK.L	22
PHEAT-2466	proteomics_heat	1569071	1569112	-	6	4	R.PAGQVIAQYYEFLR.L	18

PHEAT-2467	proteomics_heat	1569071	1569112	-	6	4	R.PAGQVIAQYYEFLR.L	18
PHEAT-2468	proteomics_heat	1569383	1569490	-	6	2	R.MIEACDENTIGVVPTFGVITYTGNIEFFPQPLHDALDK.F	40
PHEAT-2469	proteomics_heat	1569383	1569490	-	6	2	R.MIEACDENTIGVVPTFGVITYTGNIEFFPQPLHDALDK.F	40
PHEAT-2470	proteomics_heat	1569536	1569556	-	6	3	R.YWDVELR.E	11
PHEAT-2471	proteomics_heat	1569536	1569556	-	6	3	R.YWDVELR.E	11
PHEAT-2472	proteomics_heat	1569566	1569610	-	6	2	D.KPNLVCGPVQICWHK.F	19
PHEAT-2473	proteomics_heat	1569566	1569610	-	6	2	D.KPNLVCGPVQICWHK.F	19
PHEAT-2474	proteomics_heat	1569566	1569637	-	6	9	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PHEAT-2475	proteomics_heat	1569566	1569637	-	6	9	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PHEAT-2476	proteomics_heat	1569656	1569727	-	6	2	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PHEAT-2477	proteomics_heat	1569656	1569727	-	6	2	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PHEAT-2478	proteomics_heat	1569728	1569772	-	6	4	R.CVNMVADLWHAPAPK.N	19
PHEAT-2479	proteomics_heat	1569728	1569772	-	6	4	R.CVNMVADLWHAPAPK.N	19
PHEAT-2480	proteomics_heat	1569773	1569823	-	6	4	K.NWIDKEEYPQSAIDL.R.C	21
PHEAT-2481	proteomics_heat	1569773	1569823	-	6	4	K.NWIDKEEYPQSAIDL.R.C	21
PHEAT-2482	proteomics_heat	1569899	1569955	-	6	3	R.DDVAFQIINDELYLDGNAR.Q	23
PHEAT-2483	proteomics_heat	1569899	1569955	-	6	3	R.DDVAFQIINDELYLDGNAR.Q	23
PHEAT-2484	proteomics_heat	1574486	1574533	-	6	2	R.GGLGHISQAVDNYTFK.T	20
PHEAT-2485	proteomics_heat	1594380	1594439	-	4	2	Q.VGVLGTGELNITGGIVKAR.D	24
PHEAT-2486	proteomics_heat	1610580	1610624	-	4	3	K.AIHIDEPVVTPMQR.Q	19
PHEAT-2487	proteomics_heat	1610886	1610939	-	4	3	R.NPFINAGALVVCDMLQGR.L	22
PHEAT-2488	proteomics_heat	1610940	1611011	-	4	2	R.VGKDPSGSPFNLSVQLEMEQGIPR.N	28
PHEAT-2489	proteomics_heat	1611753	1611791	-	4	2	R.FDLRDELHHQVEK.T	17
PHEAT-2490	proteomics_heat	1612125	1612196	-	4	3	K.DAGIPQGVYGWLNADNDGVSQMIK.D	28
PHEAT-2491	proteomics_heat	1612197	1612247	-	4	6	K.HAPNVMGCAQLIAQVFK.D	21
PHEAT-2492	proteomics_heat	1623668	1623724	-	6	3	R.WHCLEENEAMQDVDDFELR.A	23
PHEAT-2493	proteomics_heat	1623725	1623772	-	6	12	K.GYEMSELLSAAALLDMR.W	20
PHEAT-2494	proteomics_heat	1623800	1623844	-	6	4	R.HYQSGAAMPDELQK.M	19
PHEAT-2495	proteomics_heat	1623854	1623919	-	6	4	R.DFVEFPSQINEHWATHPQVFAR.Y	26
PHEAT-2496	proteomics_heat	1623920	1623952	-	6	2	R.YATLSGTNTPR.D	15
PHEAT-2497	proteomics_heat	1624091	1624141	-	6	3	K.SGGAWMGNFVEQSTLNK.T	21
PHEAT-2498	proteomics_heat	1624262	1624321	-	6	2	E.LNTVLNEGVPFWTANQLFGIK.F	24
PHEAT-2499	proteomics_heat	1624370	1624429	-	6	4	K.QQGGFSAQPWDWAFYAEQVR.R	24
PHEAT-2500	proteomics_heat	1624430	1624471	-	6	3	R.ASDELASIQAVIDK.Q	18
PHEAT-2501	proteomics_heat	1624499	1624528	-	6	3	K.TPEAALNFM.R.E	14
PHEAT-2502	proteomics_heat	1624550	1624597	-	6	5	R.AQQATLLGFPHYAAWK.I	20
PHEAT-2503	proteomics_heat	1624703	1624756	-	6	5	K.WLIPLLNTTQQPALAEMR.D	22
PHEAT-2504	proteomics_heat	1624778	1624831	-	6	3	A.QLAGMSEQEIALAAEAAR.E	22
PHEAT-2505	proteomics_heat	1624778	1624861	-	6	21	K.SGGLVVNDIAQLAGMSEQEIALAAEAAR.E	32
PHEAT-2506	proteomics_heat	1624880	1624927	-	6	6	K.VLNTEAATLTSQFNQR.L	20
PHEAT-2507	proteomics_heat	1624979	1625002	-	6	3	R.LVEVIHQ.R.F	12
PHEAT-2508	proteomics_heat	1625003	1625038	-	6	2	R.RESLGLDSESIR.L	16
PHEAT-2509	proteomics_heat	1625060	1625134	-	6	44	R.LDEQFSAELAEIANDIYLNELFAR.V	29
PHEAT-2510	proteomics_heat	1625192	1625284	-	6	3	R.AEIAAIALNPQMPDFNNTILALEQSGELLTR.V	35
PHEAT-2511	proteomics_heat	1625192	1625287	-	6	2	K.RAEIAAIALNPQMPDFNNTILALEQSGELLTR.V	36
PHEAT-2512	proteomics_heat	1635648	1635677	-	4	3	K.MTGLESYDVK.I	14

PHEAT-2513	proteomics_heat	1635648	1635677	-	4	3	K.MTGLESYDVK.I	14
PHEAT-2514	proteomics_heat	1635648	1635683	-	4	5	R.EKMTGLESYDVK.I	16
PHEAT-2515	proteomics_heat	1635648	1635683	-	4	5	R.EKMTGLESYDVK.I	16
PHEAT-2516	proteomics_heat	1635744	1635785	-	4	11	K.TKAEADISEYITKK.I	18
PHEAT-2517	proteomics_heat	1635747	1635785	-	4	6	K.TKAEADISEYITK.K	17
PHEAT-2518	proteomics_heat	1637288	1637341	-	6	2	S.AEISARAAYLSDSVNQLR.A	22
PHEAT-2519	proteomics_heat	1637288	1637341	-	6	2	S.AEISARAAYLSDSVNQLR.A	22
PHEAT-2520	proteomics_heat	1643756	1643800	-	6	2	R.LMLEYIADNERLPFK.Q	19
PHEAT-2521	proteomics_heat	1643756	1643800	-	6	2	R.LMLEYIADNERLPFK.Q	19
PHEAT-2522	proteomics_heat	1651211	1651264	-	6	3	K.GIKPTLIIDAACHPSILK.E	22
PHEAT-2523	proteomics_heat	1664629	1664673	-	5	2	K.KLPAPLIGELPYLPR.A	19
PHEAT-2524	proteomics_heat	1664674	1664724	-	5	4	R.INPGLAHYAEIIDVLGK.K	21
PHEAT-2525	proteomics_heat	1665118	1665147	-	5	4	K.TVAGYKPVAK.G	14
PHEAT-2526	proteomics_heat	1673029	1673061	-	5	8	K.ENTHMLFGDAK.A	15
PHEAT-2527	proteomics_heat	1673062	1673109	-	5	15	R.SMNTGYAGVQNPLFFK.E	20
PHEAT-2528	proteomics_heat	1673110	1673136	-	5	6	K.AQNVIVFKR.S	13
PHEAT-2529	proteomics_heat	1673113	1673136	-	5	7	K.AQNVIVFKR	12
PHEAT-2530	proteomics_heat	1673137	1673175	-	5	8	K.SPIAGMPVLEVWK.A	17
PHEAT-2531	proteomics_heat	1673296	1673334	-	5	20	R.LPGHMNVLLAEAK.V	17
PHEAT-2532	proteomics_heat	1673335	1673361	-	5	8	R.FGIHPVAGR.L	13
PHEAT-2533	proteomics_heat	1673389	1673472	-	5	61	K.NSHSVIITPGYGMVAQAQYPVAEITEK.L	32
PHEAT-2534	proteomics_heat	1673473	1673508	-	5	9	R.EITAEETAELLK.N	16
PHEAT-2535	proteomics_heat	1673509	1673589	-	5	9	R.SFISVIAGGFGTGDGSDGDDQEVGEHR.E	31
PHEAT-2536	proteomics_heat	1674776	1674841	-	6	12	R.AGEITWPAPPIQVSAQPQAAQK.A	26
PHEAT-2537	proteomics_heat	1674860	1674901	-	6	6	K.DGNITVDFDDVVIR.G	18
PHEAT-2538	proteomics_heat	1674860	1674907	-	6	34	K.EKDGNTVDFDDVVIR.G	20
PHEAT-2539	proteomics_heat	1674920	1674973	-	6	16	R.LPTQSSQLYGTNLVNLK.L	22
PHEAT-2540	proteomics_heat	1674920	1675003	-	6	21	K.VIGYTDLPGRLPQTQSSQLYGTNLVNLK.L	32
PHEAT-2541	proteomics_heat	1674974	1675003	-	6	5	K.VIGYTDLPGR.L	14
PHEAT-2542	proteomics_heat	1675004	1675039	-	6	3	V.PGEIFTTENGVK.V	16
PHEAT-2543	proteomics_heat	1675004	1675099	-	6	7	K.AGSVIDLAAQNGGNCEYTPGEIFTTENGVK.V	36
PHEAT-2544	proteomics_heat	1675100	1675120	-	6	4	R.EMVDSMK.A	11
PHEAT-2545	proteomics_heat	1675133	1675186	-	6	47	K.EVDIIVTTALIPGKPAPK.L	22
PHEAT-2546	proteomics_heat	1675187	1675219	-	6	7	K.AEMELFAAQAK.E	15
PHEAT-2547	proteomics_heat	1675220	1675243	-	6	2	K.VMSDAFIK.A	12
PHEAT-2548	proteomics_heat	1675244	1675324	-	6	4	K.EQVQSMGAEFLELDFKEEAGSGDGYAK.V	31
PHEAT-2549	proteomics_heat	1675325	1675351	-	6	3	R.AFDTRPEVK.E	13
PHEAT-2550	proteomics_heat	1675352	1675426	-	6	21	K.VMVIGAGVAGLAAIGAANSLGAIVR.A	29
PHEAT-2551	proteomics_heat	1675442	1675474	-	6	7	R.FFTGQITAAGK.V	15
PHEAT-2552	proteomics_heat	1675475	1675507	-	6	10	R.AIVEAAHEFGR.F	15
PHEAT-2553	proteomics_heat	1675508	1675558	-	6	6	R.AQSLDALSSMANIAGYR.A	21
PHEAT-2554	proteomics_heat	1675568	1675603	-	6	9	R.NVTVMAMDSVPR.I	16
PHEAT-2555	proteomics_heat	1675616	1675645	-	6	3	W.PAQNPPELMQK.L	14
PHEAT-2556	proteomics_heat	1675616	1675714	-	6	25	K.VNAPLDDEIALLNPGTTLVSFIWPAQNPPELMQK.L	37
PHEAT-2557	proteomics_heat	1675715	1675783	-	6	17	K.AFVQAGAEIVEGNSVWQSEIILK.V	27
PHEAT-2558	proteomics_heat	1675784	1675843	-	6	201	K.LGFTVAVESGAGQLASFDDK.A	24

PHEAT-2559	proteomics_heat	1683353	1683421	-	6	7	R.INQLLNESLMLVTALNTHIGYDK.A	27
PHEAT-2560	proteomics_heat	1683881	1683973	-	6	9	K.HIEYSLPHVAELALGGTAVGTGLNTHPEYAR.R	35
PHEAT-2561	proteomics_heat	1684457	1684495	-	6	3	K.MPTSLIHALALTK.R	17
PHEAT-2562	proteomics_heat	1684553	1684588	-	6	2	K.DSMGAIDVPADK.L	16
PHEAT-2563	proteomics_heat	1684767	1684856	-	4	21	K.IEVEDFPAFILVDDKGNDFFQQIQLTQCTR.C	34
PHEAT-2564	proteomics_heat	1684812	1684856	-	4	2	K.IEVEDFPAFILVDDK.G	19
PHEAT-2565	proteomics_heat	1684812	1684856	-	4	2	K.IEVEDFPAFILVDDK.G	19
PHEAT-2566	proteomics_heat	1684857	1684907	-	4	6	K.SLECEVEYPELGMEAIWK.I	21
PHEAT-2567	proteomics_heat	1684908	1684973	-	4	19	K.HGGFYLGSI GGPAAVLAQGSIK.S	26
PHEAT-2568	proteomics_heat	1684974	1685003	-	4	2	R.SQQVTDACKK.H	14
PHEAT-2569	proteomics_heat	1685013	1685072	-	4	2	R.MDSYVDQLQAQGGSMIMLAK.G	24
PHEAT-2570	proteomics_heat	1685073	1685123	-	4	8	K.TPEGYASGSLGPTTAGR.M	21
PHEAT-2571	proteomics_heat	1685124	1685156	-	4	5	K.DHPIYYAGPAK.T	15
PHEAT-2572	proteomics_heat	1685124	1685156	-	4	5	K.DHPIYYAGPAK.T	15
PHEAT-2573	proteomics_heat	1685124	1685192	-	4	6	R.MDNGEGLPQYIKDHPIYYAGPAK.T	27
PHEAT-2574	proteomics_heat	1685256	1685297	-	4	4	K.EILAQLSQYPVSTR.L	18
PHEAT-2575	proteomics_heat	1685256	1685297	-	4	4	K.EILAQLSQYPVSTR.L	18
PHEAT-2576	proteomics_heat	1685256	1685321	-	4	4	R.VDLNRPMEILAQLSQYPVSTR.L	26
PHEAT-2577	proteomics_heat	1685256	1685321	-	4	4	R.VDLNRPMEILAQLSQYPVSTR.L	26
PHEAT-2578	proteomics_heat	1685436	1685486	-	4	9	R.HGASCPVGMGVSCSADR.N	21
PHEAT-2579	proteomics_heat	1685436	1685486	-	4	9	R.HGASCPVGMGVSCSADR.N	21
PHEAT-2580	proteomics_heat	1685505	1685525	-	4	2	K.YFAHDIR.V	11
PHEAT-2581	proteomics_heat	1685505	1685525	-	4	2	K.YFAHDIR.V	11
PHEAT-2582	proteomics_heat	1685526	1685597	-	4	3	R.DVELEKELLIEAQNGLGAQFGGK.Y	28
PHEAT-2583	proteomics_heat	1685598	1685648	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PHEAT-2584	proteomics_heat	1685598	1685648	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PHEAT-2585	proteomics_heat	1685673	1685750	-	4	18	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PHEAT-2586	proteomics_heat	1685673	1685750	-	4	18	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PHEAT-2587	proteomics_heat	1685757	1685825	-	4	2	K.TYLYQETKALLTPGKLKNYLVEK.M	27
PHEAT-2588	proteomics_heat	1685865	1685933	-	4	10	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PHEAT-2589	proteomics_heat	1685865	1685933	-	4	10	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PHEAT-2590	proteomics_heat	1685934	1685966	-	4	2	R.YSQNAPLDMYK.E	15
PHEAT-2591	proteomics_heat	1685967	1686002	-	4	3	R.GVYNTYIEDNLR.Y	16
PHEAT-2592	proteomics_heat	1685967	1686002	-	4	3	R.GVYNTYIEDNLR.Y	16
PHEAT-2593	proteomics_heat	1686003	1686041	-	4	3	R.VWTGGGDEAALAR.G	17
PHEAT-2594	proteomics_heat	1686054	1686104	-	4	6	K.GVLPTCQDTGTAIIVGK.K	21
PHEAT-2595	proteomics_heat	1686054	1686104	-	4	6	K.GVLPTCQDTGTAIIVGK.K	21
PHEAT-2596	proteomics_heat	1686126	1686176	-	4	2	R.DPEASENDKYVALQFLR.N	21
PHEAT-2597	proteomics_heat	1686126	1686176	-	4	2	R.DPEASENDKYVALQFLR.N	21
PHEAT-2598	proteomics_heat	1686126	1686200	-	4	3	Q.QQVADILRDPEASENDKYVALQFLR.N	29
PHEAT-2599	proteomics_heat	1686246	1686278	-	4	2	K.VAPEALLLAR.Q	15
PHEAT-2600	proteomics_heat	1686279	1686353	-	4	3	K.DDTEYLLTSEHVSSEFEGQEILK.V	29
PHEAT-2601	proteomics_heat	1695525	1695551	-	4	5	R.NMAFDLGEK.N	13
PHEAT-2602	proteomics_heat	1695576	1695608	-	4	2	K.NINMTSYASSK.A	15
PHEAT-2603	proteomics_heat	1695609	1695659	-	4	6	K.NGGGVILTITSMAAENK.N	21
PHEAT-2604	proteomics_heat	1695726	1695809	-	4	2	K.LGKVDILVNNAGGGGPKPFDMADFRR.A	32

PHEAT-2605	proteomics_heat	1695729	1695800	-	4	5	K.VDILVNNAGGGGPKPFDMPMADFR.R	28
PHEAT-2606	proteomics_heat	1695729	1695809	-	4	2	K.LGKVDILVNNAGGGGPKPFDMPMADFR.R	31
PHEAT-2607	proteomics_heat	1695810	1695866	-	4	6	R.CDITSEQELSALADFAISK.L	23
PHEAT-2608	proteomics_heat	1695990	1696028	-	4	2	K.CAIITGAGAGIGK.E	17
PHEAT-2609	proteomics_heat	1702087	1702161	-	5	3	K.HLFNDPNIDLVIPTPNDTHFPLAK.A	29
PHEAT-2610	proteomics_heat	1702207	1702281	-	5	2	K.TFHAPLIAGTPGQELAVISSSEDETK.V	29
PHEAT-2611	proteomics_heat	1704806	1704856	-	6	20	E.MQCVGHGSTHKLQPVQR.S	21
PHEAT-2612	proteomics_heat	1713056	1713091	-	6	2	R.IAKPEHYFSATK.L	16
PHEAT-2613	proteomics_heat	1713137	1713214	-	6	22	K.LLQGATLQEALHVTAAVVEIMVTTK.A	30
PHEAT-2614	proteomics_heat	1713407	1713511	-	6	19	R.HGLPASDIIAPNLVEILELCEHAVNNVEEAVLAAR.E	39
PHEAT-2615	proteomics_heat	1713620	1713697	-	6	4	K.LHTCDAVLSGYLGSAEQGEHILGIVR.Q	30
PHEAT-2616	proteomics_heat	1713698	1713766	-	6	2	K.WTGCVMPPSHLTIIVQGIAAIDK.L	27
PHEAT-2617	proteomics_heat	1713833	1713904	-	6	9	K.NILAIQSHVYGHAGNSAAEFPMR.R	28
PHEAT-2618	proteomics_heat	1713975	1713998	-	4	2	K.NYCLICWK.-	12
PHEAT-2619	proteomics_heat	1714038	1714076	-	4	2	K.QSDPEYFFKEEDR.L	17
PHEAT-2620	proteomics_heat	1714077	1714115	-	4	2	K.TIASNAITINGEK.Q	17
PHEAT-2621	proteomics_heat	1714077	1714118	-	4	15	R.KTIASNAITINGEK.Q	18
PHEAT-2622	proteomics_heat	1714131	1714181	-	4	7	K.GADLMQALVDSSELQPSR.G	21
PHEAT-2623	proteomics_heat	1714182	1714280	-	4	2	R.ITECLFSGSLSALSEADFEQLAQDGVPMVEMEK.G	37
PHEAT-2624	proteomics_heat	1714284	1714319	-	4	9	R.LVHGEEGLQAAK.R	16
PHEAT-2625	proteomics_heat	1714284	1714322	-	4	2	T.RLVHGEEGLQAAK.R	17
PHEAT-2626	proteomics_heat	1714320	1714352	-	4	4	R.AQYVLAEQVTR.L	15
PHEAT-2627	proteomics_heat	1714362	1714427	-	4	3	K.FFTFMSIEEINALLEEEDKNSGK.A	26
PHEAT-2628	proteomics_heat	1714437	1714481	-	4	17	K.FYQFWINTADADVYR.F	19
PHEAT-2629	proteomics_heat	1714557	1714604	-	4	15	R.LHQNQVFGLTVPLITK.A	20
PHEAT-2630	proteomics_heat	1714557	1714607	-	4	2	R.RLHQNQVFGLTVPLITK.A	21
PHEAT-2631	proteomics_heat	1714719	1714766	-	4	4	R.LNREDQGISFTEFSYN.L	20
PHEAT-2632	proteomics_heat	1714785	1714814	-	4	3	K.HFSVNQMINK.E	14
PHEAT-2633	proteomics_heat	1714827	1714874	-	4	3	A.NNYDWFNGMNVLTFLR.D	20
PHEAT-2634	proteomics_heat	1714875	1714931	-	4	3	R.KQVAPFLDFDCGENSAIAA.N	23
PHEAT-2635	proteomics_heat	1714932	1714979	-	4	9	R.KLNTEETVQEWVDKIR.K	20
PHEAT-2636	proteomics_heat	1714938	1714979	-	4	4	R.KLNTEETVQEWVDK.I	18
PHEAT-2637	proteomics_heat	1714992	1715066	-	4	24	R.FQQAGHKPVALVGGATGLIGDPSFK.A	29
PHEAT-2638	proteomics_heat	1715070	1715162	-	4	5	R.LAQGPIALYCGFDPTADSLHLGHLVPLLCLK.R	35
PHEAT-2639	proteomics_heat	1715070	1715165	-	4	2	E.RLAQGPIALYCGFDPTADSLHLGHLVPLLCLK.R	36
PHEAT-2640	proteomics_heat	1715076	1715162	-	4	2	R.LAQGPIALYCGFDPTADSLHLGHLVPLLCLK.L	33
PHEAT-2641	proteomics_heat	1715100	1715162	-	4	3	R.LAQGPIALYCGFDPTADSLHL.G	25
PHEAT-2642	proteomics_heat	1715163	1715207	-	4	5	R.GLVAQVTDEEALAER.L	19
PHEAT-2643	proteomics_heat	1715441	1715485	-	6	4	R.VSLEQIEFWQGGGHR.L	19
PHEAT-2644	proteomics_heat	1715486	1715533	-	6	5	K.FQQGEVPLPSFWGGFR.V	20
PHEAT-2645	proteomics_heat	1715597	1715626	-	6	4	R.DSQIGAVVSK.Q	14
PHEAT-2646	proteomics_heat	1715702	1715737	-	6	3	R.VSLLFPWHTLER.Q	16
PHEAT-2647	proteomics_heat	1715831	1715893	-	6	2	K.LADPTAMVVATVDEHGQPYQR.I	25
PHEAT-2648	proteomics_heat	1715990	1716028	-	6	3	M.SDNDELQQIAHLR.R	17
PHEAT-2649	proteomics_heat	1716607	1716687	-	5	3	G.TEVTTTDAVGISGDDMEALAFAWLAWR.T	31
PHEAT-2650	proteomics_heat	1716757	1716816	-	5	2	L.AELTAVTISEQVLLSGGCER.L	24

PHEAT-2651	proteomics_heat	1716910	1716972	-	5	3	K.VILPLLQNMLSDPYFSQPAPK.S	25
PHEAT-2652	proteomics_heat	1717141	1717218	-	5	6	R.DIALGGQGAPLVPAFHALLAHPTE.R	30
PHEAT-2653	proteomics_heat	1717492	1717539	-	5	3	R.VAQLASLSWPIPVSLK.Q	20
PHEAT-2654	proteomics_heat	1718420	1718452	-	6	5	K.LEHNIIELQAK.G	15
PHEAT-2655	proteomics_heat	1718453	1718515	-	6	35	R.AEILHGISAEELEQLITLIAK.L	25
PHEAT-2656	proteomics_heat	1718453	1718521	-	6	7	K.TRAEILHGISAEELEQLITLIAK.L	27
PHEAT-2657	proteomics_heat	1718522	1718563	-	6	3	K.AEPLISEMEAVINK.T	18
PHEAT-2658	proteomics_heat	1718654	1718686	-	6	2	K.AIGIEQPSLVR.T	15
PHEAT-2659	proteomics_heat	1722182	1722253	-	6	3	K.ALMVHVGGDNMSDQPKPLGGGGER.Y	28
PHEAT-2660	proteomics_heat	1722311	1722379	-	6	2	K.HEGPEGAGHLGDLPALVVNNDGK.A	27
PHEAT-2661	proteomics_heat	1723009	1723047	-	5	2	R.VRPMASCLGGGR.L	17
PHEAT-2662	proteomics_heat	1723048	1723134	-	5	4	F.TLATNQVEISPVHQPLLLDGTLDQLQQLR.V	33
PHEAT-2663	proteomics_heat	1723048	1723143	-	5	4	R.LPFTLATNQVEISPVHQPLLLDGTLDQLQQLR.V	36
PHEAT-2664	proteomics_heat	1723144	1723197	-	5	8	R.HFGVSNFTPAQFALLQSR.L	22
PHEAT-2665	proteomics_heat	1723333	1723383	-	5	4	R.EENVIGHYITDRDHIK.S	21
PHEAT-2666	proteomics_heat	1723348	1723383	-	5	2	R.EENVIGHYITDR.D	16
PHEAT-2667	proteomics_heat	1731949	1731987	-	5	11	R.FAYVDILQNPDIR.A	17
PHEAT-2668	proteomics_heat	1731988	1732047	-	5	38	K.LPSCGFSAQAVQALAACGER.F	24
PHEAT-2669	proteomics_heat	1731988	1732059	-	5	2	K.GSPKLPSCGFSAQAVQALAACGER.F	28
PHEAT-2670	proteomics_heat	1732060	1732095	-	5	8	R.QIAENPILLYMK.G	16
PHEAT-2671	proteomics_heat	1740676	1740729	-	5	4	R.VNIEIDPQTQAVVDTVER.V	22
PHEAT-2672	proteomics_heat	1740763	1740798	-	5	9	R.FCVHLIPETLER.T	16
PHEAT-2673	proteomics_heat	1740799	1740855	-	5	5	K.GFIGIDGISLTVGEVTPTR.F	23
PHEAT-2674	proteomics_heat	1740871	1740894	-	5	3	K.VQDSQLMK.Y	12
PHEAT-2675	proteomics_heat	1740934	1740999	-	5	6	K.FSDEIGGHLMSGHIMTTAEVAK.I	26
PHEAT-2676	proteomics_heat	1741234	1741266	-	5	5	S.MFTGIVQGTAK.L	15
PHEAT-2677	proteomics_heat	1743045	1743086	-	4	3	R.LRGEGAICLQTSAK.E	18
PHEAT-2678	proteomics_heat	1743435	1743467	-	4	2	K.TQNLSVNVGGR.A	15
PHEAT-2679	proteomics_heat	1743507	1743596	-	4	3	K.ASDTLLAGGTMNNLGGEDSDTIVENGSIYR.L	34
PHEAT-2680	proteomics_heat	1743774	1743818	-	4	3	K.GYACGLLENGGNLR.V	19
PHEAT-2681	proteomics_heat	1753040	1753066	-	6	2	K.HIVIAGVLR.T	13
PHEAT-2682	proteomics_heat	1755916	1756008	-	5	2	R.YVEVHRPLSAEEQQNVQTMPYTLPAFTQFK.D	35
PHEAT-2683	proteomics_heat	1756138	1756203	-	5	7	R.LAHNGEYLIHGTSAPDSVGLR.V	26
PHEAT-2684	proteomics_heat	1756216	1756269	-	5	2	R.GIKLPPVVPAGPNNPLGR.Y	22
PHEAT-2685	proteomics_heat	1756339	1756431	-	5	2	R.LYYYYPPGENIVQVYPIGIGLQGLETPVMETR.V	35
PHEAT-2686	proteomics_heat	1756582	1756647	-	5	4	R.LVGQNQTYTVQEGDKNLQAIAR.R	26
PHEAT-2687	proteomics_heat	1757471	1757524	-	6	2	K.HHAYDVGSFLDNYGI AVR.T	22
PHEAT-2688	proteomics_heat	1757960	1758049	-	6	4	R.LLAITHVSNVLGTENPLAEMITLAHQHGAK.V	34
PHEAT-2689	proteomics_heat	1758140	1758214	-	6	4	R.AGDNIIISQMEHHANIVPWQMLCAR.V	29
PHEAT-2690	proteomics_heat	1758215	1758271	-	6	4	R.GTTEGINLVANSWGNNSVR.A	23
PHEAT-2691	proteomics_heat	1758344	1758379	-	6	2	R.GIHLSAQATEK.M	16
PHEAT-2692	proteomics_heat	1758841	1758885	-	5	2	R.AVFNGLINVAQHAIK.T	19
PHEAT-2693	proteomics_heat	1759009	1759053	-	5	3	R.HNTSTQLNGENSTLR.I	19
PHEAT-2694	proteomics_heat	1759474	1759539	-	5	2	R.YVPALSDATEGSGYEVSIINDDR.Q	26
PHEAT-2695	proteomics_heat	1759594	1759665	-	5	5	K.YTPLEGLINSQFVSIAGEISPQQR.D	28
PHEAT-2696	proteomics_heat	1759702	1759740	-	5	2	R.SPQAQQHLQQLLR.T	17

PHEAT-2697	proteomics_heat	1759868	1759918	-	6	4	R.ILDYIKPDYVHVLYQGR.I	21
PHEAT-2698	proteomics_heat	1759991	1760077	-	6	2	R.NDILQMAVLEPELCILDESDSLIDALK.V	33
PHEAT-2699	proteomics_heat	1760156	1760206	-	6	4	R.GQETLDRDFDQDLMEEK.I	21
PHEAT-2700	proteomics_heat	1760417	1760482	-	6	4	R.GLSLDVHPGEVHAIMGPNNGSGK.S	26
PHEAT-2701	proteomics_heat	1760717	1760758	-	6	2	R.NNSAQLHEATTSR.I	18
PHEAT-2702	proteomics_heat	1760873	1760908	-	6	2	K.GISAGHSQNSYR.G	16
PHEAT-2703	proteomics_heat	1761125	1761193	-	6	2	K.YSTVQNWFPDNTGGILNFVTK.R	27
PHEAT-2704	proteomics_heat	1762123	1762182	-	5	3	K.LFVPLQAMPFIDGTEVDFVR.E	24
PHEAT-2705	proteomics_heat	1763291	1763326	-	6	10	R.HQVWQIEIFDEK.G	16
PHEAT-2706	proteomics_heat	1763384	1763419	-	6	4	K.VVGLLEINANHVR.S	16
PHEAT-2707	proteomics_heat	1763420	1763521	-	6	5	R.TKQPFGLLHGGASVLAESIGSVAGYLCTEGERK.V	38
PHEAT-2708	proteomics_heat	1763522	1763575	-	6	4	R.FEHIGDDTLEATMPVDSR.T	22
PHEAT-2709	proteomics_heat	1763656	1763688	-	5	12	R.HPVQALLEIIK.-	15
PHEAT-2710	proteomics_heat	1763767	1763823	-	5	4	K.NHENSLGIYELSWHQAMQR.L	23
PHEAT-2711	proteomics_heat	1764079	1764141	-	5	2	K.LGMPMVGDPALVLCYRDEYK.L	25
PHEAT-2712	proteomics_heat	1764091	1764141	-	5	3	K.LGMPMVGDPALVLCYR.D	21
PHEAT-2713	proteomics_heat	1764151	1764174	-	5	3	K.KTADFLNR.M	12
PHEAT-2714	proteomics_heat	1764280	1764348	-	5	7	R.TVLVVQDPFTSYDAQVVADFVR.L	27
PHEAT-2715	proteomics_heat	1764355	1764405	-	5	5	R.SANMTLEQLESLNAEQK.A	21
PHEAT-2716	proteomics_heat	1764406	1764474	-	5	9	K.HIGMVDLPLLSVPSLQQQMVGHR.S	27
PHEAT-2717	proteomics_heat	1764490	1764525	-	5	2	K.TFNFFINQPLVR.K	16
PHEAT-2718	proteomics_heat	1764535	1764582	-	5	9	R.DHLVATVESYAPLMAR.A	20
PHEAT-2719	proteomics_heat	1764601	1764624	-	5	7	R.FLQLYHTR.Y	12
PHEAT-2720	proteomics_heat	1764679	1764708	-	5	2	K.EAMSGCLACK.A	14
PHEAT-2721	proteomics_heat	1764709	1764759	-	5	3	R.NSWHANKGEYDFSHEVK.E	21
PHEAT-2722	proteomics_heat	1764781	1764837	-	5	5	R.GVDPLKLEQELPESGVSLR.T	23
PHEAT-2723	proteomics_heat	1764940	1764990	-	5	3	R.GAMECNGNGLCFNFDAR.S	21
PHEAT-2724	proteomics_heat	1765141	1765194	-	5	4	R.AEYSPAFFGEELFAELRK.V	22
PHEAT-2725	proteomics_heat	1765144	1765194	-	5	24	R.AEYSPAFFGEELFAELR.K	21
PHEAT-2726	proteomics_heat	1765204	1765236	-	5	2	K.YGGLLWGEHGK.G	15
PHEAT-2727	proteomics_heat	1765237	1765272	-	5	2	K.QISDDVVALTAK.Y	16
PHEAT-2728	proteomics_heat	1765273	1765317	-	5	2	R.PALDMCDPQQEILMK.Q	19
PHEAT-2729	proteomics_heat	1765390	1765470	-	5	6	K.GAAKPIPAEDTCVPEHLADYIAEFR.A	31
PHEAT-2730	proteomics_heat	1765540	1765596	-	5	2	R.LDELIASHQAGVIGWQVCR.E	23
PHEAT-2731	proteomics_heat	1765933	1765974	-	5	6	R.HVFNDEMTEFDLTR.I	18
PHEAT-2732	proteomics_heat	1766050	1766073	-	5	2	R.IYNTVYQR.C	12
PHEAT-2733	proteomics_heat	1766095	1766166	-	5	11	R.AVLLGGDILDTPLPVELAETLGK.S	28
PHEAT-2734	proteomics_heat	1766167	1766193	-	5	6	K.TSDHVLGVR.A	13
PHEAT-2735	proteomics_heat	1766257	1766325	-	5	5	K.DQLNQYLKPFYFFAPELSTSNR.A	27
PHEAT-2736	proteomics_heat	1766257	1766346	-	5	3	R.VEAGVIKQLNQYLKPFYFFAPELSTSNR.A	34
PHEAT-2737	proteomics_heat	1766395	1766457	-	5	3	R.GGGTGTNGQALNQGIIVMSR.H	25
PHEAT-2738	proteomics_heat	1766533	1766595	-	5	3	R.LTMSTDNSIYQLLPDAVVFPR.S	25
PHEAT-2739	proteomics_heat	1782944	1782994	-	6	3	R.DSGVVSELFDERNDAVK.A	21
PHEAT-2740	proteomics_heat	1783148	1783171	-	6	2	K.AVVEELAR.Q	12
PHEAT-2741	proteomics_heat	1783190	1783237	-	6	7	R.NDMGLTNVEIMIPFVR.T	20
PHEAT-2742	proteomics_heat	1783190	1783243	-	6	2	R.VRNDMGLTNVEIMIPFVR.T	22

PHEAT-2743	proteomics_heat	1783244	1783279	-	6	4	R.DCFALECEAVKR.V	16
PHEAT-2744	proteomics_heat	1783313	1783351	-	6	4	R.YEPDEENPMLGFR.G	17
PHEAT-2745	proteomics_heat	1783313	1783387	-	6	2	K.SNEYANLVGGER.YEPDEENPMLGFR.G	29
PHEAT-2746	proteomics_heat	1783352	1783387	-	6	2	K.SNEYANLVGGER.Y	16
PHEAT-2747	proteomics_heat	1783511	1783561	-	6	4	R.ALLEFDDQEPQLQNEIR.E	21
PHEAT-2748	proteomics_heat	1783604	1783651	-	6	4	R.AFDFACLPNEGVLAR.L	20
PHEAT-2749	proteomics_heat	1783652	1783681	-	6	2	K.VMMNVGNPDR.A	14
PHEAT-2750	proteomics_heat	1783682	1783720	-	6	2	K.SSSVETMPDLPLK.V	17
PHEAT-2751	proteomics_heat	1783808	1783855	-	6	5	R.ELGIPAVVCGGDATER.M	20
PHEAT-2752	proteomics_heat	1783856	1783882	-	6	2	R.TCHAAIAR.E	13
PHEAT-2753	proteomics_heat	1783892	1783918	-	6	2	K.KASAIVTNR.G	13
PHEAT-2754	proteomics_heat	1783919	1783981	-	6	6	R.IEPGDVLVTDMDPDWEPIMK.K	25
PHEAT-2755	proteomics_heat	1783982	1784011	-	6	10	K.VIHDISEMNR.I	14
PHEAT-2756	proteomics_heat	1784114	1784149	-	6	2	K.LFIVQARPETVR.S	16
PHEAT-2757	proteomics_heat	1784168	1784203	-	6	2	K.HYGRPMDIEWAK.D	16
PHEAT-2758	proteomics_heat	1784225	1784269	-	6	7	R.DIFSLTNEEVQELAK.Q	19
PHEAT-2759	proteomics_heat	1784270	1784296	-	6	2	K.IEDVPQEQR.D	13
PHEAT-2760	proteomics_heat	1784306	1784338	-	6	6	R.MVYAPTQEHGK.Q	15
PHEAT-2761	proteomics_heat	1784624	1784653	-	6	9	K.HVFASLFNDR.A	14
PHEAT-2762	proteomics_heat	1784756	1784809	-	6	7	R.EAYAQLSADDENASFAVR.S	22
PHEAT-2763	proteomics_heat	1784810	1784860	-	6	6	R.QWIIDTPFQPELENAIR.E	21
PHEAT-2764	proteomics_heat	1784879	1784932	-	6	9	R.IYELLDKTDIDDVTQLAK.A	22
PHEAT-2765	proteomics_heat	1784933	1785055	-	6	2	K.NASLGEMITNLSGMGVSVPNGFATTADAFNQFLDQSGVNQR.I	45
PHEAT-2766	proteomics_heat	1785068	1785133	-	6	4	M.SNNGSSPLVLWYNQLGMNDVDR.V	26
PHEAT-2767	proteomics_heat	1788285	1788380	-	4	5	R.LAQTLSPFVAVDALNEALDSYQQVLLTHYGER.M	36
PHEAT-2768	proteomics_heat	1791687	1791728	-	4	3	R.APLYPDDILWNFEK.F	18
PHEAT-2769	proteomics_heat	1791687	1791734	-	4	4	K.GRAPLYPDDILWNFEK.F	20
PHEAT-2770	proteomics_heat	1791747	1791803	-	4	2	K.LIAAAPTAVAPEESGFYAR.M	23
PHEAT-2771	proteomics_heat	1791846	1791893	-	4	2	K.TYCTTTWGVTFPMFSK.I	20
PHEAT-2772	proteomics_heat	1791894	1791965	-	4	2	R.GFMVLGFPCNQFLEQEPGSDEEIK.T	28
PHEAT-2773	proteomics_heat	1791981	1792025	-	4	2	K.CGLTPQYEQLENIQK.A	19
PHEAT-2774	proteomics_heat	1792068	1792100	-	4	5	K.DIDGEVTTLEK.F	15
PHEAT-2775	proteomics_heat	1793280	1793312	-	4	6	K.SRVENASPKDE.-	15
PHEAT-2776	proteomics_heat	1793349	1793378	-	4	5	K.TGEDIPITAR.R	14
PHEAT-2777	proteomics_heat	1793442	1793471	-	4	4	R.RALENGEQVK.L	14
PHEAT-2778	proteomics_heat	1793469	1793504	-	4	6	K.ELVELFFEEIRR.A	16
PHEAT-2779	proteomics_heat	1793517	1793561	-	4	3	K.AEMSEYLFDKLGLSK.R	19
PHEAT-2780	proteomics_heat	1793532	1793561	-	4	6	K.AEMSEYLFDK.L	14
PHEAT-2781	proteomics_heat	1793605	1793628	-	5	2	K.CVEALKER.F	12
PHEAT-2782	proteomics_heat	1793629	1793667	-	5	6	R.TLEEEEEIATVAK.C	17
PHEAT-2783	proteomics_heat	1793668	1793706	-	5	2	K.SLAISLILQDTSR.T	17
PHEAT-2784	proteomics_heat	1793734	1793781	-	5	7	K.VGVNQVVGVNLFVDVYR.G	20
PHEAT-2785	proteomics_heat	1793734	1793784	-	5	4	K.KVGVNQVVGVNLFVDVYR.G	21
PHEAT-2786	proteomics_heat	1793785	1793844	-	5	6	R.DIAVVVAENVPAADILSECK.K	24
PHEAT-2787	proteomics_heat	1793956	1793994	-	5	10	R.IGFVGVVHPELER.K	17
PHEAT-2788	proteomics_heat	1793995	1794057	-	5	3	R.AEANPALHPGQSAAIYLGKER.I	25

PHEAT-2789	proteomics_heat	1794004	1794057	-	5	9	R.AEANPALHPGQSAAIYK.G	22
PHEAT-2790	proteomics_heat	1794079	1794114	-	5	2	K.GDLESVLDLTGK.L	16
PHEAT-2791	proteomics_heat	1794079	1794141	-	5	8	K.ETVDFYDLKGDLESVLDLTGK.L	25
PHEAT-2792	proteomics_heat	1794142	1794168	-	5	4	R.YEEHWNLAK.E	13
PHEAT-2793	proteomics_heat	1794208	1794243	-	5	2	R.FVPDTQAPLGIR.Q	16
PHEAT-2794	proteomics_heat	1794334	1794411	-	5	8	K.VQQMIHPGVEALLPSPISVEMSAMR.L	30
PHEAT-2795	proteomics_heat	1794412	1794453	-	5	4	K.GYQEVITYSFVDPK.V	18
PHEAT-2796	proteomics_heat	1794412	1794471	-	5	2	K.TLLNDKGYQEVITYSFVDPK.V	24
PHEAT-2797	proteomics_heat	1794478	1794501	-	5	2	R.EADLSLKR.V	12
PHEAT-2798	proteomics_heat	1794502	1794546	-	5	8	I.PDEPVQASLIMGTHR.E	19
PHEAT-2799	proteomics_heat	1794502	1794567	-	5	11	R.VYGYNNIPDEPVQASLIMGTHR.E	26
PHEAT-2800	proteomics_heat	1794568	1794612	-	5	13	R.FDMEIEEDLVEEVAR.V	19
PHEAT-2801	proteomics_heat	1794613	1794672	-	5	2	R.LGCEVTEGKDEWQAVAPSWR.F	24
PHEAT-2802	proteomics_heat	1794676	1794723	-	5	17	R.LIGHHIADEQVTDILR.R	20
PHEAT-2803	proteomics_heat	1794763	1794834	-	5	10	R.LLIDICGGEAGPVIDITNEATLPK.R	28
PHEAT-2804	proteomics_heat	1794856	1794882	-	5	4	R.GVDPALQHK.A	13
PHEAT-2805	proteomics_heat	1794931	1795041	-	5	13	K.ALAMGGIFGGEHSGVNDQNVLLECAFFSPLSITGR.A	41
PHEAT-2806	proteomics_heat	1795042	1795080	-	5	7	K.LNADTLVIADHNK.A	17
PHEAT-2807	proteomics_heat	1795081	1795122	-	5	6	K.EGETLVLLDGTAK.L	18
PHEAT-2808	proteomics_heat	1795132	1795155	-	5	2	R.IEGGIVVR.M	12
PHEAT-2809	proteomics_heat	1795156	1795236	-	5	3	R.SIDAVVDVTNYVLELQPMHAFDKDR.I	31
PHEAT-2810	proteomics_heat	1795438	1795470	-	5	3	R.ADCLGIIGVAR.D	15
PHEAT-2811	proteomics_heat	1795471	1795512	-	5	7	K.LDDNTIEISVTPNR.A	18
PHEAT-2812	proteomics_heat	1795657	1795701	-	5	5	R.VAVATIGAVLPGDFK.I	19
PHEAT-2813	proteomics_heat	1795714	1795749	-	5	3	R.LLDIVCGAPNCR.Q	16
PHEAT-2814	proteomics_heat	1796064	1796123	-	4	6	R.NVGIDPEVYSGFAFGMGMER.L	24
PHEAT-2815	proteomics_heat	1796124	1796171	-	4	9	K.WLEVLGCGMVHPNVLN.N	20
PHEAT-2816	proteomics_heat	1796181	1796240	-	4	10	R.FRPSYFPFTEPSAEVDVMGK.N	24
PHEAT-2817	proteomics_heat	1796241	1796270	-	4	4	R.NFFEEDLQIR.F	14
PHEAT-2818	proteomics_heat	1796271	1796294	-	4	2	K.GTLHDFLR.N	12
PHEAT-2819	proteomics_heat	1796346	1796381	-	4	2	R.NDYDQHTPMFH.Q	16
PHEAT-2820	proteomics_heat	1796346	1796390	-	4	2	R.VYRNDYDQHTPMFH.Q	19
PHEAT-2821	proteomics_heat	1796439	1796465	-	4	2	R.TQTSQVQIR.T	13
PHEAT-2822	proteomics_heat	1796475	1796510	-	4	3	R.ADHDTFWFDTR.L	16
PHEAT-2823	proteomics_heat	1796634	1796666	-	4	8	R.IENGGLHPVTR.T	15
PHEAT-2824	proteomics_heat	1796634	1796669	-	4	2	R.RIENGGLHPVTR.T	16
PHEAT-2825	proteomics_heat	1796670	1796708	-	4	2	R.LAAETIDVSLPGR.R	17
PHEAT-2826	proteomics_heat	1796709	1796744	-	4	10	R.KAELESAALNAR.L	16
PHEAT-2827	proteomics_heat	1796745	1796774	-	4	3	K.EVQVQALNAR.K	14
PHEAT-2828	proteomics_heat	1796775	1796828	-	4	8	R.ELPPEERPAAGAVINEAK.E	22
PHEAT-2829	proteomics_heat	1796829	1796861	-	4	4	K.GHLTLQMTTLR.E	15
PHEAT-2830	proteomics_heat	1796883	1796930	-	4	6	K.AAISQASDVAALDNVR.V	20
PHEAT-2831	proteomics_heat	1796931	1796963	-	4	15	M.SHLAELVASAK.A	15
PHEAT-2832	proteomics_heat	1797438	1797464	-	4	5	K.VAFTALVEK.A	13
PHEAT-2833	proteomics_heat	1797465	1797494	-	4	14	K.ILADIAVFDK.V	14
PHEAT-2834	proteomics_heat	1797465	1797497	-	4	8	R.KILADIAVFDK.V	15

PHEAT-2835	proteomics_heat	1797495	1797518	-	4	11	K.ASVEIDRK.I	12
PHEAT-2836	proteomics_heat	1797495	1797521	-	4	3	K.KASVEIDRK.I	13
PHEAT-2837	proteomics_heat	1797498	1797521	-	4	7	K.KASVEIDR.K	12
PHEAT-2838	proteomics_heat	1797630	1797650	-	4	2	K.AGQYAYR.D	11
PHEAT-2839	proteomics_heat	1797651	1797674	-	4	2	R.VAFQAVIK.A	12
PHEAT-2840	proteomics_heat	1797829	1797867	-	5	3	K.GDLGLVIACLPIA.-	17
PHEAT-2841	proteomics_heat	1798159	1798221	-	5	14	R.VKDDLQELAVVESFPTKIEGR.Q	25
PHEAT-2842	proteomics_heat	1798171	1798221	-	5	20	R.VKDDLQELAVVESFPTK.I	21
PHEAT-2843	proteomics_heat	1798222	1798263	-	5	11	R.EMAHQQIGMEVLNR.V	18
PHEAT-2844	proteomics_heat	1798222	1798269	-	5	2	R.GREMAHQQIGMEVLNR.V	20
PHEAT-2845	proteomics_heat	1798288	1798314	-	5	8	R.FLEEGDKAK.I	13
PHEAT-2846	proteomics_heat	1798333	1798371	-	5	17	K.FRPGTDEGDYQVK.L	17
PHEAT-2847	proteomics_heat	1798447	1798464	-	5	2	R.IMDYGK.F	10
PHEAT-2848	proteomics_heat	1798465	1798527	-	5	8	K.AEEAGVDLVEISPNAEPPVCR.I	25
PHEAT-2849	proteomics_heat	1798465	1798542	-	5	5	R.EALEKAAEEAGVDLVEISPNAEPPVCR.I	30
PHEAT-2850	proteomics_heat	1798543	1798587	-	5	8	R.LTGLEGEQLGIVSLR.E	19
PHEAT-2851	proteomics_heat	1798714	1798752	-	5	7	K.DLGSMDVNEVIEK.L	17
PHEAT-2852	proteomics_heat	1798714	1798758	-	5	6	R.GKDLGSMDVNEVIEK.L	19
PHEAT-2853	proteomics_heat	1798780	1798818	-	5	9	Y.MLVCGDKEVESGK.V	17
PHEAT-2854	proteomics_heat	1798780	1798830	-	5	5	R.RVPYMLVCGDKEVESGK.V	21
PHEAT-2855	proteomics_heat	1799083	1799118	-	5	3	R.LSASYVGEDNER.K	16
PHEAT-2856	proteomics_heat	1799119	1799166	-	5	6	R.AWQCCTVQLDFSLPSR.L	20
PHEAT-2857	proteomics_heat	1799167	1799199	-	5	2	K.IEFTLYDCLDR.A	15
PHEAT-2858	proteomics_heat	1799200	1799286	-	5	29	R.AEADLAVALEENNIPFEYQLGEGAFYGP.K.I	33
PHEAT-2859	proteomics_heat	1799287	1799313	-	5	2	R.IGSDEMWDR.A	13
PHEAT-2860	proteomics_heat	1799350	1799388	-	5	2	R.LVYDMYSTFGFEK.I	17
PHEAT-2861	proteomics_heat	1799389	1799412	-	5	2	R.DEVNGCIR.L	12
PHEAT-2862	proteomics_heat	1799389	1799463	-	5	18	R.GFTQDDAHIFCTEEQIRDEVNGCIR.L	29
PHEAT-2863	proteomics_heat	1799413	1799463	-	5	2	R.GFTQDDAHIFCTEEQIR.D	21
PHEAT-2864	proteomics_heat	1799470	1799505	-	5	12	R.NEPSGSLHGLMR.V	16
PHEAT-2865	proteomics_heat	1799506	1799532	-	5	5	R.MAEFGSCHR.N	13
PHEAT-2866	proteomics_heat	1799557	1799598	-	5	4	M.NCPGHVQIFNQGLK.S	18
PHEAT-2867	proteomics_heat	1799557	1799604	-	5	3	K.PMNCPGHVQIFNQGLK.S	20
PHEAT-2868	proteomics_heat	1799557	1799619	-	5	8	R.EYCIKPMNCPGHVQIFNQGLK.S	25
PHEAT-2869	proteomics_heat	1799620	1799652	-	5	5	K.DAMFTTSENRE.E	15
PHEAT-2870	proteomics_heat	1799620	1799676	-	5	8	K.TGHWDNYKDAMFTTSENRE.E	23
PHEAT-2871	proteomics_heat	1799653	1799676	-	5	2	K.TGHWDNYK.D	12
PHEAT-2872	proteomics_heat	1799713	1799742	-	5	7	K.LKEYYQEVK.G	14
PHEAT-2873	proteomics_heat	1799770	1799829	-	5	2	H.MQEEAPGMVFWHNDGWTIFR.E	24
PHEAT-2874	proteomics_heat	1799890	1799913	-	5	2	K.ALNAYLQR.L	12
PHEAT-2875	proteomics_heat	1799914	1799943	-	5	4	R.IYGTAWADKK.A	14
PHEAT-2876	proteomics_heat	1800022	1800045	-	5	2	R.GPHVPNMR.F	12
PHEAT-2877	proteomics_heat	1800046	1800096	-	5	7	H.DDKPGLYFHEEYVDMCR.G	21
PHEAT-2878	proteomics_heat	1800046	1800126	-	5	16	K.VSILDENIAHDDKPGLYFHEEYVDMCR.G	31
PHEAT-2879	proteomics_heat	1800127	1800159	-	5	4	R.ETFANRGESYK.V	15
PHEAT-2880	proteomics_heat	1800184	1800204	-	5	2	K.NYDVIKK.K	11

PHEAT-2881	proteomics_heat	1800187	1800204	-	5	2	K.NYDVIK.K	10
PHEAT-2882	proteomics_heat	1800205	1800225	-	5	5	R.MHELAEK.N	11
PHEAT-2883	proteomics_heat	1800226	1800264	-	5	7	R.TLTQEDVEALEK.R	17
PHEAT-2884	proteomics_heat	1800229	1800264	-	5	2	R.TLTQEDVEALEK.R	16
PHEAT-2885	proteomics_heat	1800229	1800267	-	5	2	D.RTLTQEDVEALEK.R	17
PHEAT-2886	proteomics_heat	1800265	1800321	-	5	14	K.MAIGPVIDNGFYDVLDR.T	23
PHEAT-2887	proteomics_heat	1800379	1800405	-	5	4	K.DEEGLEIIR.H	13
PHEAT-2888	proteomics_heat	1800379	1800477	-	5	16	R.VNGELVDACDLIENDAQLSIITAKDEEGLEIIR.H	37
PHEAT-2889	proteomics_heat	1800406	1800477	-	5	4	R.VNGELVDACDLIENDAQLSIITAK.D	28
PHEAT-2890	proteomics_heat	1800496	1800558	-	5	13	R.HYDHAVSPMDVALDIGPGLAK.A	25
PHEAT-2891	proteomics_heat	1817656	1817694	-	5	2	G.DFAAAKAMMDQSR.M	17
PHEAT-2892	proteomics_heat	1819945	1820043	-	5	5	K.AETYFVALDDTGHVINSYQTCAEYDTPQAAK.-	37
PHEAT-2893	proteomics_heat	1820053	1820085	-	5	3	R.GTCQTYILGQR.D	15
PHEAT-2894	proteomics_heat	1820086	1820118	-	5	5	K.PSSEVSMIHAR.G	15
PHEAT-2895	proteomics_heat	1820086	1820130	-	5	2	Q.IAGKPSSEVSMIHAR.G	19
PHEAT-2896	proteomics_heat	1820086	1820145	-	5	20	R.AQVAQIAGKPSSEVSMIHAR.G	24
PHEAT-2897	proteomics_heat	1820170	1820196	-	5	9	K.DQFVQPVVK.D	13
PHEAT-2898	proteomics_heat	1820170	1820202	-	5	10	R.TKDQFVQPVVK.D	15
PHEAT-2899	proteomics_heat	1823464	1823490	-	5	2	K.DLNLTDAQK.Q	13
PHEAT-2900	proteomics_heat	1827907	1828014	-	5	3	R.LSVTSTACAPSVKVGWWKWKGLSLRRAISQPAWSPM.K	40
PHEAT-2901	proteomics_heat	1829314	1829361	-	5	2	R.HNALLIFDEVQTVGR.T	20
PHEAT-2902	proteomics_heat	1843164	1843223	-	4	3	R.YQDFMQPLVGTLYQLIDQAK.R	24
PHEAT-2903	proteomics_heat	1843578	1843619	-	4	2	R.DEENDGTPLPVVAK.G	18
PHEAT-2904	proteomics_heat	1843878	1843952	-	4	2	R.HAVMNAISVHAPDLLPQPVVDPDIR.N	29
PHEAT-2905	proteomics_heat	1845079	1845153	-	5	17	R.DLLCDPQTSGLLLAVMPEAENEVK.A	29
PHEAT-2906	proteomics_heat	1845163	1845204	-	5	5	R.NFASYGHLMGEMPR.E	18
PHEAT-2907	proteomics_heat	1845262	1845285	-	5	2	R.VDYEAIPIK.L	12
PHEAT-2908	proteomics_heat	1845286	1845363	-	5	6	K.AMTDVTGFGLLGHLSMCQGAGVQAR.V	30
PHEAT-2909	proteomics_heat	1845364	1845408	-	5	3	R.MNIAGASFANIEGVK.A	19
PHEAT-2910	proteomics_heat	1845409	1845459	-	5	7	K.SLLKPEHQGLATEVMCR.M	21
PHEAT-2911	proteomics_heat	1845460	1845513	-	5	5	K.LFLTGPLGIGVLTAEKK.S	22
PHEAT-2912	proteomics_heat	1845463	1845513	-	5	3	K.LFLTGPLGIGVLTAEK.K	21
PHEAT-2913	proteomics_heat	1845550	1845642	-	5	4	R.QAGIALAGGHSIDAPEPIFGLAVTGIVPTER.V	35
PHEAT-2914	proteomics_heat	1845697	1845786	-	5	7	R.IAATNAISDIFAMGGKPIMAIAILGWPINK.L	34
PHEAT-2915	proteomics_heat	1845886	1845924	-	5	3	K.FVDPNLLVGNETR.D	17
PHEAT-2916	proteomics_heat	1845925	1845960	-	5	3	K.VLETILHSEQAK.F	16
PHEAT-2917	proteomics_heat	1845973	1846011	-	5	10	R.LTQYSHGAGCGCK.I	17
PHEAT-2918	proteomics_heat	1846203	1846253	-	4	7	R.EQDKIVGFLYLGTPLK.A	21
PHEAT-2919	proteomics_heat	1846272	1846304	-	4	2	R.SGALTESPVVR.E	15
PHEAT-2920	proteomics_heat	1846467	1846529	-	4	2	R.FSAVLEQGAIAAGSDDKAIDK.A	25
PHEAT-2921	proteomics_heat	1846479	1846529	-	4	2	R.FSAVLEQGAIAAGSDDK.A	21
PHEAT-2922	proteomics_heat	1846536	1846580	-	4	11	K.SMQPWHFFVIEGEGR.E	19
PHEAT-2923	proteomics_heat	1846608	1846655	-	4	5	R.LAEPAPTGEQLQNILR.A	20
PHEAT-2924	proteomics_heat	1852468	1852533	-	5	2	R.SGLTLLTNSAEIHLVLAQSEIK.V	26
PHEAT-2925	proteomics_heat	1859789	1859845	-	6	4	R.HNIEAQHMTIDTNGQMVMK.S	23
PHEAT-2926	proteomics_heat	1859948	1859998	-	6	3	I.MNLDDIINSMMPEVYQR.L	21

PHEAT-2927	proteomics_heat	1860079	1860105	-	5	3	R.YCVNSASLR.F	13
PHEAT-2928	proteomics_heat	1860106	1860171	-	5	6	R.CGNCDAHLGHVFPDGPQPTGER.Y	26
PHEAT-2929	proteomics_heat	1860184	1860207	-	5	5	K.DLSHGMR.I	12
PHEAT-2930	proteomics_heat	1860217	1860276	-	5	5	K.YDSGCGWPSFYEPVSEESIR.Y	24
PHEAT-2931	proteomics_heat	1860277	1860333	-	5	6	R.DGVYHCLICDAPLFHSQTK.Y	23
PHEAT-2932	proteomics_heat	1860352	1860417	-	5	4	K.NLSEMQFYVTQNHGTEPPFTGR.L	26
PHEAT-2933	proteomics_heat	1860418	1860450	-	5	3	M.ANKPSAEELKK.N	15
PHEAT-2934	proteomics_heat	1863756	1863794	-	4	4	K.SWTGLISTGITYK.F	17
PHEAT-2935	proteomics_heat	1863795	1863833	-	4	10	R.LSDEVTDSMPVVK.S	17
PHEAT-2936	proteomics_heat	1863843	1863896	-	4	13	E.LSASYNFLGDWSVYGTAR.Y	22
PHEAT-2937	proteomics_heat	1864053	1864121	-	4	3	R.TTLAGDTLDNSNGIVWDMAWLYR.Y	27
PHEAT-2938	proteomics_heat	1864122	1864178	-	4	3	K.STMMAGLSYAHFTQYGYLR.T	23
PHEAT-2939	proteomics_heat	1864227	1864259	-	4	2	S.ITAYWSPLYFK.A	15
PHEAT-2940	proteomics_heat	1864260	1864310	-	4	2	R.GLGGGYLWNDATDKLS.I	21
PHEAT-2941	proteomics_heat	1864266	1864310	-	4	2	R.GLGGGYLWNDATDK.L	19
PHEAT-2942	proteomics_heat	1864311	1864376	-	4	5	K.DYDTDVYPVPVINYEGDNFWR.G	26
PHEAT-2943	proteomics_heat	1864377	1864421	-	4	5	K.FSLGAGVGVVEHPYK.D	19
PHEAT-2944	proteomics_heat	1886541	1886600	-	4	3	K.LVDDDDNEVPPGQPGELCVK.G	24
PHEAT-2945	proteomics_heat	1887360	1887437	-	4	2	R.ELEHQLNDSGASAIIVSNFAHTLEK.V	30
PHEAT-2946	proteomics_heat	1888053	1888118	-	4	3	R.WHLTQQVIMPPQPIDPWFYGGGR.G	26
PHEAT-2947	proteomics_heat	1888275	1888343	-	4	3	K.TRLEIATVPLDSGARPTLGEPSR.G	27
PHEAT-2948	proteomics_heat	1888348	1888428	-	5	37	S.GDECAAAVRWSGGTLWWQSGCGTKPAR.E	31
PHEAT-2949	proteomics_heat	1888635	1888673	-	4	2	K.TVAVEHAEPVYLR.N	17
PHEAT-2950	proteomics_heat	1888836	1888904	-	4	3	R.DENGIWHGEETEAVLKPEIVHER.M	27
PHEAT-2951	proteomics_heat	1889103	1889180	-	4	8	R.ILPMVQDILTTSGLTLDINALAYGR.G	30
PHEAT-2952	proteomics_heat	1892711	1892755	-	6	4	T.MFAGLPSLTHEQQQK.A	19
PHEAT-2953	proteomics_heat	1898596	1898640	-	5	2	R.EQLLSSPHSLFPVCR.G	19
PHEAT-2954	proteomics_heat	1899487	1899549	-	5	2	E.IVLGIDNLVFIAILADKLPPK.Q	25
PHEAT-2955	proteomics_heat	1904539	1904586	-	5	5	R.VVKPGGWVITATPGPR.H	20
PHEAT-2956	proteomics_heat	1904911	1904946	-	5	3	R.DPGDSAEMMQAR.R	16
PHEAT-2957	proteomics_heat	1904911	1904952	-	5	4	R.SRDPGDSAEMMQAR.R	18
PHEAT-2958	proteomics_heat	1905283	1905333	-	5	144	K.TLAEGQNVEFEIQDGQK.G	21
PHEAT-2959	proteomics_heat	1905334	1905378	-	5	54	K.DVVFHFSAIQNGFK.T	19
PHEAT-2960	proteomics_heat	1905379	1905414	-	5	6	K.GFGFITPADGSK.D	16
PHEAT-2961	proteomics_heat	1907335	1907373	-	5	2	R.KISAQMGYHDYPF.-	17
PHEAT-2962	proteomics_heat	1907374	1907412	-	5	6	R.LQEYVAMLHTAAR.K	17
PHEAT-2963	proteomics_heat	1907503	1907550	-	5	7	R.EQGYGEDNEEQEGLR.C	20
PHEAT-2964	proteomics_heat	1907551	1907598	-	5	3	R.TITSTEALLPVLDQVR.E	20
PHEAT-2965	proteomics_heat	1907851	1907877	-	5	4	R.ALQNVDLIR.S	13
PHEAT-2966	proteomics_heat	1908070	1908120	-	5	3	M.ANADLDKQPDVSSVLK.V	21
PHEAT-2967	proteomics_heat	1909758	1909799	-	4	3	K.SLSELFMTHPPLDK.R	18
PHEAT-2968	proteomics_heat	1909908	1909937	-	4	2	R.EFHADAGSAK.L	14
PHEAT-2969	proteomics_heat	1910795	1910827	-	6	7	K.ARPAEQPAPVK.-	15
PHEAT-2970	proteomics_heat	1910837	1910899	-	6	47	K.DYQEPDPYLDETVNIALDLAK.L	25
PHEAT-2971	proteomics_heat	1910837	1910920	-	6	2	K.KLDDLKDYQEPDPYLDETVNIALDLAK.L	32
PHEAT-2972	proteomics_heat	1911311	1911376	-	6	4	R.IYDQMLRPEWPALGVSQYTIQK.F	26

PHEAT-2973	proteomics_heat	1911443	1911496	-	6	5	R.FSASASEIFAAAMQDYGR.A	22
PHEAT-2974	proteomics_heat	1911524	1911559	-	6	2	R.EDSDTDGQVFYK.G	16
PHEAT-2975	proteomics_heat	1911524	1911565	-	6	4	K.VRESDTDGQVFYK.G	18
PHEAT-2976	proteomics_heat	1911581	1911661	-	6	4	R.SNGGGALTEAVSLSGLFIPAGPIVQVR.D	31
PHEAT-2977	proteomics_heat	1911719	1911772	-	6	7	K.VGVLDIPGFYVGLTDDVK.V	22
PHEAT-2978	proteomics_heat	1911944	1911997	-	6	4	K.IVGVGQTGKPMVDVIGWR.L	22
PHEAT-2979	proteomics_heat	1912145	1912180	-	6	2	R.EIDPHTNYLSPR.N	16
PHEAT-2980	proteomics_heat	1912181	1912237	-	6	2	R.LAQTNSDVFSLAMTAFAR.E	23
PHEAT-2981	proteomics_heat	1912307	1912333	-	6	2	K.VKFDELSLK.L	13
PHEAT-2982	proteomics_heat	1912391	1912462	-	6	6	R.YQYALSVELEKPMDFGTGNDTYNLDR.S	28
PHEAT-2983	proteomics_heat	1912478	1912516	-	6	2	K.LDVFYDLYNLAQK.R	17
PHEAT-2984	proteomics_heat	1912478	1912525	-	6	5	R.SGKLDVFDLYNLAQK.R	20
PHEAT-2985	proteomics_heat	1912556	1912621	-	6	12	R.YLNLLDYSHNVLLASDVEQFAK.K	26
PHEAT-2986	proteomics_heat	1912700	1912756	-	6	3	R.ADQIPVLKEETQHATVSR.V	23
PHEAT-2987	proteomics_heat	1912929	1912973	-	4	5	K.AGQNAMDATVLEITK.D	19
PHEAT-2988	proteomics_heat	1912929	1912979	-	4	2	K.VKAGQNAMDATVLEITK.D	21
PHEAT-2989	proteomics_heat	1912980	1913039	-	4	6	R.EEQHTPVSDISALTVGQALK.V	24
PHEAT-2990	proteomics_heat	1912980	1913048	-	4	4	K.APREEQHTPVSDISALTVGQALK.V	27
PHEAT-2991	proteomics_heat	1913148	1913192	-	4	3	R.EAAATAGEKEDAPRR.E	19
PHEAT-2992	proteomics_heat	1913259	1913318	-	4	5	R.VDLGDNPCGELDEQHVEHAR.K	24
PHEAT-2993	proteomics_heat	1913319	1913351	-	4	8	R.YLYGVKPGATR.V	15
PHEAT-2994	proteomics_heat	1913397	1913423	-	4	2	R.VAGEMNLSK.T	13
PHEAT-2995	proteomics_heat	1913424	1913453	-	4	2	K.IGIFQDLVDR.V	14
PHEAT-2996	proteomics_heat	1913454	1913498	-	4	2	R.FPHCFSAEGEARPLK.I	19
PHEAT-2997	proteomics_heat	1913463	1913498	-	4	5	R.FPHCFSAEGEAR.P	16
PHEAT-2998	proteomics_heat	1913499	1913525	-	4	4	K.EVIAFLAER.F	13
PHEAT-2999	proteomics_heat	1913679	1913705	-	4	2	K.VLATTDYKK.F	13
PHEAT-3000	proteomics_heat	1913706	1913729	-	4	2	R.QLVAQLEK.V	12
PHEAT-3001	proteomics_heat	1913730	1913759	-	4	2	R.FTDEDEQGLR.Q	14
PHEAT-3002	proteomics_heat	1913760	1913807	-	4	14	K.NQIIGVLDIDSTVFR.F	20
PHEAT-3003	proteomics_heat	1913808	1913891	-	4	9	R.IEDVHVFDGHIACDAASNSEIVLPLVVK.N	32
PHEAT-3004	proteomics_heat	1913907	1913933	-	4	2	R.GVCGTAVAR.N	13
PHEAT-3005	proteomics_heat	1914039	1914116	-	4	103	R.DFNALMAGETSFLATLANTSALLYER.L	30
PHEAT-3006	proteomics_heat	1914117	1914152	-	4	8	I.MNKTEFYADLNR.D	16
PHEAT-3007	proteomics_heat	1921434	1921493	-	4	8	K.TNAQPISVIQIDDPNNPGEK.M	24
PHEAT-3008	proteomics_heat	1921512	1921583	-	4	2	R.PGNALYVINPSTLVQYPLNDIAQK.E	28
PHEAT-3009	proteomics_heat	1921512	1921589	-	4	3	T.CRPGNALYVINPSTLVQYPLNDIAQK.E	30
PHEAT-3010	proteomics_heat	1921512	1921607	-	4	2	R.EEVMILTCRPGNALYVINPSTLVQYPLNDIAQK.E	36
PHEAT-3011	proteomics_heat	1921644	1921670	-	4	3	A.APQVITVSR.F	13
PHEAT-3012	proteomics_heat	1922622	1922645	-	4	2	K.GHYTFSVK.-	12
PHEAT-3013	proteomics_heat	1922652	1922735	-	4	8	K.QLIVPLADSLKPGTYTVDWHVVSVDGHK.T	32
PHEAT-3014	proteomics_heat	1927645	1927728	-	5	3	M.ANWLNLQLQSLLGQSSSSTSSADQGLVK.L	32
PHEAT-3015	proteomics_heat	1928088	1928126	-	4	5	K.SADIHQVSVDC.A	17
PHEAT-3016	proteomics_heat	1928166	1928222	-	4	4	K.IVGQADPVAVWSLQDIQGK.D	23
PHEAT-3017	proteomics_heat	1928268	1928312	-	4	2	K.CEDLDAAGIAASVKR.D	19
PHEAT-3018	proteomics_heat	1928484	1928543	-	4	5	K.LPSPQVVGAESEEDASHAA.-	24

PHEAT-3019	proteomics_heat	1928484	1928552	-	4	3	K.TGKLPSPQVVGAESEEDASHAA.-	27
PHEAT-3020	proteomics_heat	1928610	1928681	-	4	4	K.MLDTADLLDTWLTNSPVQMEDEQR.E	28
PHEAT-3021	proteomics_heat	1930184	1930252	-	6	12	K.SVLCIGGSWLVPADALEAGDYDR.I	27
PHEAT-3022	proteomics_heat	1930271	1930309	-	6	5	R.FCPTGGISPANYR.D	17
PHEAT-3023	proteomics_heat	1930310	1930348	-	6	4	K.ALQAIAGPFSQVR.F	17
PHEAT-3024	proteomics_heat	1930391	1930444	-	6	3	I.PGISTVSELMLGMDYGLK.E	22
PHEAT-3025	proteomics_heat	1930391	1930474	-	6	90	K.AATEGTIPLIPGISTVSELMLGMDYGLK.E	32
PHEAT-3026	proteomics_heat	1930475	1930552	-	6	36	N.PQQLAEVTEAGAQFAISPLTEPLLK.A	30
PHEAT-3027	proteomics_heat	1930475	1930594	-	6	98	K.EVPEAIVGAGTVLNPQQLAEVTEAGAQFAISPLTEPLLK.A	44
PHEAT-3028	proteomics_heat	1930679	1930708	-	6	2	K.KLEHAVPMAK.A	14
PHEAT-3029	proteomics_heat	1930709	1930765	-	6	11	K.TSAESILTTGPVVPVIVVK.K	23
PHEAT-3030	proteomics_heat	1931366	1931428	-	6	2	K.SLDSNVIASFEPFSSHGGTK.V	25
PHEAT-3031	proteomics_heat	1931444	1931488	-	6	2	R.YTLEPWLNNGELDWR.E	19
PHEAT-3032	proteomics_heat	1931489	1931542	-	6	3	K.AGLLHEDVNTVAGFGLSR.Y	22
PHEAT-3033	proteomics_heat	1931624	1931692	-	6	2	R.AAGIQINWDDFSDLSDVVPLMAR.L	27
PHEAT-3034	proteomics_heat	1932893	1932997	-	6	2	K.WVDSITEAWAMDNDAPKPYQAGTWGPVASVAMITR.D	39
PHEAT-3035	proteomics_heat	1932998	1933024	-	6	4	R.RDEVEEAWK.W	13
PHEAT-3036	proteomics_heat	1933025	1933048	-	6	2	R.GIQALFVR.R	12
PHEAT-3037	proteomics_heat	1933070	1933129	-	6	7	K.LDLSYSETFNQTHLADAYER.L	24
PHEAT-3038	proteomics_heat	1933130	1933150	-	6	2	K.HNLQITK.L	11
PHEAT-3039	proteomics_heat	1933172	1933213	-	6	3	R.LQPDEGVDIQVLNK.V	18
PHEAT-3040	proteomics_heat	1933256	1933279	-	6	2	K.TPELNLFK.E	12
PHEAT-3041	proteomics_heat	1933379	1933411	-	6	2	K.SSNTETFVAIR.V	15
PHEAT-3042	proteomics_heat	1933412	1933450	-	6	7	K.KVPGYLEEEGANK.S	17
PHEAT-3043	proteomics_heat	1933451	1933483	-	6	3	R.GQYTAGFAQGK.K	15
PHEAT-3044	proteomics_heat	1933547	1933639	-	6	5	R.DMIQNHLQLILCMIAMSPPSDLSADSIRDEK.V	35
PHEAT-3045	proteomics_heat	1933673	1933726	-	6	2	R.TIDHVEITVAEEVGIEGR.W	22
PHEAT-3046	proteomics_heat	1933727	1933765	-	6	4	R.FANSLFVNNWDNR.T	17
PHEAT-3047	proteomics_heat	1933766	1933795	-	6	2	K.ETVLNLLALR.F	14
PHEAT-3048	proteomics_heat	1933796	1933816	-	6	3	R.IDHYLGK.E	11
PHEAT-3049	proteomics_heat	1933817	1933912	-	6	3	R.VVMEKPLGTSLATSQEINDQVGEYFEQCQVYR.I	36
PHEAT-3050	proteomics_heat	1933952	1934005	-	6	7	R.ITINYFAMPPSTFGAICK.G	22
PHEAT-3051	proteomics_heat	1934012	1934035	-	6	4	R.LGAMLDQK.N	12
PHEAT-3052	proteomics_heat	1934036	1934083	-	6	8	R.LDFCNLDVNDTAAFSR.L	20
PHEAT-3053	proteomics_heat	1934084	1934125	-	6	4	K.ETIDEGLWDTLSAR.L	18
PHEAT-3054	proteomics_heat	1934126	1934149	-	6	4	R.EALETFMK.E	12
PHEAT-3055	proteomics_heat	1934234	1934266	-	6	3	R.KLLPSLYQLEK.A	15
PHEAT-3056	proteomics_heat	1934285	1934335	-	6	9	M.AVTQTAQACDLVIFGAK.G	21
PHEAT-3057	proteomics_heat	1937381	1937446	-	6	4	R.LTIQVRPPMDDLLEADDHTIAR.R	26
PHEAT-3058	proteomics_heat	1937687	1937749	-	6	5	K.MAAMFHNQGNPVFDYVWNTVR.R	25
PHEAT-3059	proteomics_heat	1938170	1938205	-	6	2	K.KNNSEYIPEFDK.S	16
PHEAT-3060	proteomics_heat	1939390	1939479	-	5	2	R.SLLPEASEPIDQAAQEDEAIPQDELDDKIA.G	34
PHEAT-3061	proteomics_heat	1939678	1939740	-	5	17	K.TSYSEFLSQLANQYASCLKG.D.-	25
PHEAT-3062	proteomics_heat	1939684	1939740	-	5	3	K.TSYSEFLSQLANQYASCLK.G	23
PHEAT-3063	proteomics_heat	1939750	1939785	-	5	10	R.MGTLDPLGTNIK.L	16
PHEAT-3064	proteomics_heat	1939801	1939827	-	5	4	R.PAVVESVAR.G	13

PHEAT-3065	proteomics_heat	1939801	1939860	-	5	2	K.ATCVFAEPQFRPAVVESVAR.G	24
PHEAT-3066	proteomics_heat	1939813	1939860	-	5	3	K.ATCVFAEPQFRPAVVE.S	20
PHEAT-3067	proteomics_heat	1939828	1939860	-	5	5	K.ATCVFAEPQFR.P	15
PHEAT-3068	proteomics_heat	1939861	1939881	-	5	5	R.TQLVEQK.A	11
PHEAT-3069	proteomics_heat	1939897	1939941	-	5	2	L.GHFTVNPEIQPGAQR.L	19
PHEAT-3070	proteomics_heat	1939897	1939962	-	5	21	K.QFGLTPLGHFTVNPEIQPGAQR.L	26
PHEAT-3071	proteomics_heat	1939897	1939965	-	5	2	E.KQFGLTPLGHFTVNPEIQPGAQR.L	27
PHEAT-3072	proteomics_heat	1939963	1939986	-	5	2	H.DAYGYFEK.Q	12
PHEAT-3073	proteomics_heat	1939963	1939998	-	5	2	Y.FVFHDAYGYFEK.Q	16
PHEAT-3074	proteomics_heat	1939963	1940004	-	5	51	K.GYFVFHDAYGYFEK.Q	18
PHEAT-3075	proteomics_heat	1939975	1940004	-	5	2	K.GYFVFHDAYG.Y	14
PHEAT-3076	proteomics_heat	1940005	1940073	-	5	5	K.DFEAQLASTETQVGNELAPLKGK.G	27
PHEAT-3077	proteomics_heat	1940005	1940091	-	5	3	K.LDANLKDFEAQLASTETQVGNELAPLKGK.G	33
PHEAT-3078	proteomics_heat	1940005	1940097	-	5	25	R.AKLDANLKDFEAQLASTETQVGNELAPLKGK.G	35
PHEAT-3079	proteomics_heat	1940011	1940073	-	5	8	K.DFEAQLASTETQVGNELAPLKGK.G	25
PHEAT-3080	proteomics_heat	1940011	1940091	-	5	14	K.LDANLKDFEAQLASTETQVGNELAPLKGK.G	31
PHEAT-3081	proteomics_heat	1940011	1940097	-	5	47	R.AKLDANLKDFEAQLASTETQVGNELAPLKGK.G	33
PHEAT-3082	proteomics_heat	1940098	1940124	-	5	3	K.LVELMPQSR.A	13
PHEAT-3083	proteomics_heat	1940125	1940151	-	5	15	R.ATAVAIHGK.L	13
PHEAT-3084	proteomics_heat	1940152	1940217	-	5	16	K.SDEDHHHGDFNMHLWLSPEIAR.A	26
PHEAT-3085	proteomics_heat	1940218	1940259	-	5	5	K.SIHGDDDDHDHAEK.S	18
PHEAT-3086	proteomics_heat	1940260	1940307	-	5	14	K.QVTIAQLEDVKPLLMK.S	20
PHEAT-3087	proteomics_heat	1940323	1940373	-	5	4	V.VWVGPEMEAFMQKPVSK.L	21
PHEAT-3088	proteomics_heat	1940323	1940394	-	5	33	R.LQNADLVVWVGPEMEAFMQKPVSK.L	28
PHEAT-3089	proteomics_heat	1940323	1940397	-	5	10	K.RLQNADLVVWVGPEMEAFMQKPVSK.L	29
PHEAT-3090	proteomics_heat	1940395	1940529	-	5	4	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.L	49
PHEAT-3091	proteomics_heat	1940398	1940448	-	5	2	L.PDGASEHDYSLRPSDVKR.R	21
PHEAT-3092	proteomics_heat	1940398	1940496	-	5	2	F.IASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.R	37
PHEAT-3093	proteomics_heat	1940398	1940529	-	5	18	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.L	48
PHEAT-3094	proteomics_heat	1942499	1942555	-	6	2	K.FFGGPVGLDNLAAAI GEER.E	23
PHEAT-3095	proteomics_heat	1942796	1942840	-	6	2	R.LEFYQVPDLQYIVSR.S	19
PHEAT-3096	proteomics_heat	1943030	1943101	-	6	2	K.AGDLAAMLNLEPHDVL FIDEIHR.L	28
PHEAT-3097	proteomics_heat	1943177	1943233	-	6	5	K.LRGDALDHLLIFGPPGLGK.T	23
PHEAT-3098	proteomics_heat	1943413	1943451	-	5	4	K.IARPDASSETLIR.E	17
PHEAT-3099	proteomics_heat	1945438	1945521	-	5	6	R.LIDMLEDCDDVQEVYHNGEISDEVAATL.-	32
PHEAT-3100	proteomics_heat	1945531	1945560	-	5	6	K.ADMAETAPK.L	14
PHEAT-3101	proteomics_heat	1945561	1945599	-	5	3	K.ADSAEVSMIPSTK.A	17
PHEAT-3102	proteomics_heat	1945561	1945626	-	5	2	R.DALEAAGLKADSAEVSMIPSTK.A	26
PHEAT-3103	proteomics_heat	1945561	1945632	-	5	3	K.VRDALEAAGLKADSAEVSMIPSTK.A	28
PHEAT-3104	proteomics_heat	1945600	1945626	-	5	5	R.DALEAAGLK.A	13
PHEAT-3105	proteomics_heat	1945600	1945632	-	5	2	K.VRDALEAAGLK.A	15
PHEAT-3106	proteomics_heat	1945768	1945818	-	5	3	K.CGGNLGTDGVSAYLFSK.K	21
PHEAT-3107	proteomics_heat	1946032	1946064	-	5	4	K.LGGGDPDANPR.L	15
PHEAT-3108	proteomics_heat	1946792	1946878	-	6	48	K.TTAAACLMT EAPSFANPTALAE LSIQVVK.K	33
PHEAT-3109	proteomics_heat	1946879	1946935	-	6	5	R.LTMLLTGTDNIRDVIAFPK.T	23
PHEAT-3110	proteomics_heat	1946936	1946980	-	6	8	K.YGTPPHAGLAFGLDR.L	19

PHEAT-3111	proteomics_heat	1947014	1947079	-	6	23	R.IHNGDMQQTVFGILGINEEEQR.E	26
PHEAT-3112	proteomics_heat	1947080	1947157	-	6	12	K.AAPENAVANAYDMVINGYEVGGGSVR.I	30
PHEAT-3113	proteomics_heat	1947158	1947181	-	6	3	K.DMTAAELK.A	12
PHEAT-3114	proteomics_heat	1947275	1947301	-	6	7	K.DLGLTDESK.W	13
PHEAT-3115	proteomics_heat	1947275	1947310	-	6	3	K.VGKDLGLTDESK.W	16
PHEAT-3116	proteomics_heat	1947317	1947346	-	6	3	K.IVADAMGALR.L	14
PHEAT-3117	proteomics_heat	1947347	1947397	-	6	6	R.TAAQDGDMIFFGADNKK.I	21
PHEAT-3118	proteomics_heat	1947398	1947436	-	6	11	K.FLNAEIIEDILDR.T	17
PHEAT-3119	proteomics_heat	1947437	1947469	-	6	5	K.GLEGINSPVAK.F	15
PHEAT-3120	proteomics_heat	1947437	1947475	-	6	3	R.AKGLEGINSPVAK.F	17
PHEAT-3121	proteomics_heat	1947521	1947553	-	6	6	R.KQIDEYGNFVK.I	15
PHEAT-3122	proteomics_heat	1947554	1947580	-	6	6	R.VPGGASLTR.K	13
PHEAT-3123	proteomics_heat	1947602	1947646	-	6	2	K.SVEFAVFAGPANDPK.G	19
PHEAT-3124	proteomics_heat	1947647	1947685	-	6	4	R.NPMELTDVADLLK.S	17
PHEAT-3125	proteomics_heat	1947686	1947712	-	6	5	R.YGSDKPDLR.N	13
PHEAT-3126	proteomics_heat	1947716	1947766	-	6	7	K.GVDLGDFFVMTFAEAER.R	21
PHEAT-3127	proteomics_heat	1947767	1947787	-	6	2	R.HLWLEVK.G	11
PHEAT-3128	proteomics_heat	1947788	1947811	-	6	3	R.EVMEALVR.H	12
PHEAT-3129	proteomics_heat	1947812	1947871	-	6	2	R.QPEFTQIDVETSFMTAPQVR.E	24
PHEAT-3130	proteomics_heat	1947812	1947880	-	6	2	R.ADRQPEFTQIDVETSFMTAPQVR.E	27
PHEAT-3131	proteomics_heat	1947923	1947952	-	6	2	K.QLLMMSGFDR.Y	14
PHEAT-3132	proteomics_heat	1947953	1947988	-	6	5	K.FYALPQSPQLFK.Q	16
PHEAT-3133	proteomics_heat	1947953	1947994	-	6	5	K.GKFYALPQSPQLFK.Q	18
PHEAT-3134	proteomics_heat	1948046	1948096	-	6	11	R.FMDDHGFLDIETPMLTK.A	21
PHEAT-3135	proteomics_heat	1948184	1948234	-	6	5	R.ADVLPDLSNHVNTEEAR.L	21
PHEAT-3136	proteomics_heat	1948235	1948291	-	6	3	R.DMATGEIEVLASSLTIINR.A	23
PHEAT-3137	proteomics_heat	1948373	1948429	-	6	4	R.DREGIVQVFFDPDRADALK.L	23
PHEAT-3138	proteomics_heat	1948469	1948516	-	6	7	R.LSHVGQVTLCGWVNR.R	20
PHEAT-3139	proteomics_heat	1948517	1948546	-	6	2	L.MRTEYCGQLR.L	14
PHEAT-3140	proteomics_heat	1953445	1953498	-	5	2	R.NDLTMTGDYSNQHIVPMK.Q	22
PHEAT-3141	proteomics_heat	1956667	1956750	-	5	2	R.AENLHHFLDAGVLEVHSSAGAWQASPMR.Y	32
PHEAT-3142	proteomics_heat	1956859	1956924	-	5	4	R.AFDMCANPLYTLNLAELGIAR.V	26
PHEAT-3143	proteomics_heat	1957784	1957813	-	6	3	R.FIHALDELSR.R	14
PHEAT-3144	proteomics_heat	1957814	1957867	-	6	4	M.ANWQSIDELQDIASDLPR.F	22
PHEAT-3145	proteomics_heat	1961824	1961850	-	5	2	R.DNMDLQPAR.Y	13
PHEAT-3146	proteomics_heat	1964477	1964521	-	6	3	R.ENQSLLLNGPQVDTSK.A	19
PHEAT-3147	proteomics_heat	1964477	1964524	-	6	4	K.RENQSLLLNGPQVDTSK.A	20
PHEAT-3148	proteomics_heat	1964612	1964716	-	6	2	R.QFLADVPAHTSFNTAQLLEIMMAQDFQDLTGQVIK.R	39
PHEAT-3149	proteomics_heat	1964807	1964857	-	6	3	R.ALNSVEASQPHQDQMEK.S	21
PHEAT-3150	proteomics_heat	1965105	1965185	-	4	3	K.ENIIAAAQAGASGYVVKPFTAATLEEK.L	31
PHEAT-3151	proteomics_heat	1965105	1965188	-	4	3	K.KENIIAAAQAGASGYVVKPFTAATLEEK.L	32
PHEAT-3152	proteomics_heat	1965327	1965383	-	4	6	K.ELGFNNVEEAEDGVDALNK.L	23
PHEAT-3153	proteomics_heat	1965935	1966009	-	6	4	R.HVLQPLPLSSPALLITQHMPGPFTR.S	29
PHEAT-3154	proteomics_heat	1966262	1966306	-	6	3	R.LRPMPVVMVSSLTGK.G	19
PHEAT-3155	proteomics_heat	1967809	1967838	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3156	proteomics_heat	1967809	1967838	-	5	4	R.GFAVVAGEVR.N	14

PHEAT-3157	proteomics_heat	1967809	1967838	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3158	proteomics_heat	1967809	1967838	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3159	proteomics_heat	1969096	1969173	-	5	5	R.LAASPLTNKPQTSPRPASEQPPAQPR.L	30
PHEAT-3160	proteomics_heat	1969201	1969275	-	5	10	R.VTQQNASLVQESAAAAAALQASR.L	29
PHEAT-3161	proteomics_heat	1969318	1969368	-	5	3	R.VTDIMGEIASASDEQSR.G	21
PHEAT-3162	proteomics_heat	1969318	1969368	-	5	3	R.VTDIMGEIASASDEQSR.G	21
PHEAT-3163	proteomics_heat	1969369	1969440	-	5	5	R.VDTGSVLVESAGETMNNIVNAVTR.V	28
PHEAT-3164	proteomics_heat	1969510	1969539	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3165	proteomics_heat	1969510	1969539	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3166	proteomics_heat	1969510	1969539	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3167	proteomics_heat	1969510	1969539	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-3168	proteomics_heat	1969558	1969641	-	5	27	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PHEAT-3169	proteomics_heat	1969558	1969641	-	5	27	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PHEAT-3170	proteomics_heat	1969645	1969674	-	5	2	K.TMHEIADSSK.K	14
PHEAT-3171	proteomics_heat	1969696	1969749	-	5	4	R.QASQLAQSASDTAQHGGK.V	22
PHEAT-3172	proteomics_heat	1969840	1969875	-	5	2	R.EIAAGNTDLSSR.T	16
PHEAT-3173	proteomics_heat	1969909	1969938	-	5	3	R.SLTDTVTHVR.E	14
PHEAT-3174	proteomics_heat	1969939	1969983	-	5	4	R.SEMGDLAQSVSHMQR.S	19
PHEAT-3175	proteomics_heat	1969984	1970031	-	5	2	R.EIAGGNLANTLTIDGR.S	20
PHEAT-3176	proteomics_heat	1970401	1970430	-	5	3	K.TLAQAATHYK.K	14
PHEAT-3177	proteomics_heat	1970458	1970496	-	5	2	R.MMMDSSNQSSNAK.V	17
PHEAT-3178	proteomics_heat	1971525	1971575	-	4	2	R.YALLVDQLIGQHQQVVK.N	21
PHEAT-3179	proteomics_heat	1971699	1971734	-	4	4	R.EADLHPLAGGER.V	16
PHEAT-3180	proteomics_heat	1971735	1971794	-	4	3	R.VADEVFILPLNAVMEQLQPR.E	24
PHEAT-3181	proteomics_heat	1971867	1971896	-	4	4	K.MGGHVEIQSK.Q	14
PHEAT-3182	proteomics_heat	1972413	1972475	-	4	3	R.SSELDPVNHGDLITSMGQLQR.N	25
PHEAT-3183	proteomics_heat	1972602	1972631	-	4	2	K.LAAEQAPTGR.V	14
PHEAT-3184	proteomics_heat	1972779	1972844	-	4	2	K.AGEVDLLEELGHLTTLTDVVK.G	26
PHEAT-3185	proteomics_heat	1972779	1972850	-	4	3	R.LKAGEVDLLEELGHLTTLTDVVK.G	28
PHEAT-3186	proteomics_heat	1973031	1973063	-	4	2	K.DIMQEQLDAYK.Q	15
PHEAT-3187	proteomics_heat	1973064	1973117	-	4	3	R.RGEMQLNTDIINLFLETK.D	22
PHEAT-3188	proteomics_heat	1973118	1973195	-	4	9	K.GGAGTFGFVQLQETTHLMENLLDEAR.R	30
PHEAT-3189	proteomics_heat	1975973	1976017	-	6	2	R.FDSHTITQLTQDSR.V	19
PHEAT-3190	proteomics_heat	1978326	1978355	-	4	2	R.HAEMLDVIVK.N	14
PHEAT-3191	proteomics_heat	1978392	1978529	-	4	3	K.EYVAAQDPANPGVLVLSQFAGAANELTSALIVNPYDRDEVAALDR.A	50
PHEAT-3192	proteomics_heat	1978677	1978703	-	4	3	R.HQLENEAGR.I	13
PHEAT-3193	proteomics_heat	1979538	1979606	-	4	2	R.IAPPDEHAASAGGLAVGILGALK.A	27
PHEAT-3194	proteomics_heat	1985594	1985644	-	6	3	K.NIDFTNHPAAADPVTMR.A	21
PHEAT-3195	proteomics_heat	1985669	1985713	-	6	3	K.QILDVLDVIAPVEVR.E	19
PHEAT-3196	proteomics_heat	1987290	1987316	-	4	2	K.DGFSTDQSK.I	13
PHEAT-3197	proteomics_heat	1989005	1989055	-	6	2	K.AEEKPGRNDPCPCGSGK.K	21
PHEAT-3198	proteomics_heat	1989128	1989169	-	6	2	K.MSPEAFEEVDIAIR.L	18
PHEAT-3199	proteomics_heat	1989179	1989274	-	6	2	R.GVALSDWSTLPDSLKPALEAIALHGTEENFER.V	36
PHEAT-3200	proteomics_heat	1989332	1989376	-	6	3	R.LNEFPEQFEPLFGLR.E	19
PHEAT-3201	proteomics_heat	1989377	1989421	-	6	2	R.FMNLAFQHMDAER.L	19
PHEAT-3202	proteomics_heat	1989584	1989637	-	6	5	K.TGPLNESELEWLDDILTK.Y	22

PHEAT-3203	proteomics_heat	1991798	1991875	-	6	5	K.VPGGTELSEVVETFVGQFYLQGSQMR.T	30
PHEAT-3204	proteomics_heat	1992092	1992142	-	6	2	R.LFLSGKDDQVLTQLISR.M	21
PHEAT-3205	proteomics_heat	1992473	1992568	-	6	2	R.KTEALVAQIQQIDVTVTHTTETEALLLEHNYIK.L	36
PHEAT-3206	proteomics_heat	1992730	1992765	-	5	3	R.HGLCNAETLSSQ.-	16
PHEAT-3207	proteomics_heat	1992766	1992810	-	5	4	K.LNIHGDELTHLAIR.H	19
PHEAT-3208	proteomics_heat	1993261	1993299	-	5	2	K.VVGEASCGEDAVK.W	17
PHEAT-3209	proteomics_heat	1995215	1995253	-	6	2	R.TMVIVTHEMSFAR.D	17
PHEAT-3210	proteomics_heat	1995275	1995367	-	6	7	R.ALAMRPEVILFDEPTSALDPELVGEVLNTR.Q	35
PHEAT-3211	proteomics_heat	1995485	1995538	-	6	2	R.TVLENIIEGPVIVKGEPE	22
PHEAT-3212	proteomics_heat	1995626	1995697	-	6	2	R.SINLLEQPEAGTITVGDITIDTAR.S	28
PHEAT-3213	proteomics_heat	1996030	1996074	-	5	2	R.VALPPLSNSFISLVK.D	19
PHEAT-3214	proteomics_heat	1996521	1996595	-	4	10	R.FKDEGPILFIHTGGAPALFAYHPHV.-	29
PHEAT-3215	proteomics_heat	1996635	1996673	-	4	3	R.LEGILLDPVYTGK.A	17
PHEAT-3216	proteomics_heat	1996785	1996814	-	4	3	K.VVNLQQAIAK.E	14
PHEAT-3217	proteomics_heat	1997157	1997234	-	4	11	K.LGLHCVALLENPIGTTAENYLTNGNR.L	30
PHEAT-3218	proteomics_heat	1997259	1997312	-	4	3	R.EGADTLITAGAIQSNHVR.Q	22
PHEAT-3219	proteomics_heat	1997313	1997345	-	4	6	R.KLEFLAADALR.E	15
PHEAT-3220	proteomics_heat	1997352	1997387	-	4	6	R.DDVTPMAMGGNK.L	16
PHEAT-3221	proteomics_heat	1997352	1997390	-	4	4	K.RDDVTPMAMGGNK.L	17
PHEAT-3222	proteomics_heat	1997427	1997471	-	4	4	R.LEFIGAPTPLEYLPR.F	19
PHEAT-3223	proteomics_heat	1997612	1997635	-	6	2	K.WFGADVTK.-	12
PHEAT-3224	proteomics_heat	1997636	1997665	-	6	7	K.DGTLQALSEK.W	14
PHEAT-3225	proteomics_heat	1997666	1997698	-	6	2	K.AVNDAIAEMQK.D	15
PHEAT-3226	proteomics_heat	1997747	1997791	-	6	3	K.KTNDTLAVTGEAFSR.Q	19
PHEAT-3227	proteomics_heat	1997816	1997839	-	6	3	R.IDAILVDR.L	12
PHEAT-3228	proteomics_heat	1997849	1997887	-	6	2	R.TYDDDPTKYQDLR.V	17
PHEAT-3229	proteomics_heat	1997888	1997914	-	6	2	R.QNVQGVDR.T	13
PHEAT-3230	proteomics_heat	1997915	1997959	-	6	4	K.KVGVGLGTNYEEWLR.Q	19
PHEAT-3231	proteomics_heat	1998008	1998058	-	6	2	K.YDFSTPYTISGIQALVK.K	21
PHEAT-3232	proteomics_heat	1998008	1998061	-	6	4	K.KYDFSTPYTISGIQALVK.K	22
PHEAT-3233	proteomics_heat	1998068	1998112	-	6	8	K.RIDVVINQVTISDER.K	19
PHEAT-3234	proteomics_heat	1998113	1998181	-	6	2	K.HLGVEASLKPTKWDGMLASLDSK.R	27
PHEAT-3235	proteomics_heat	1998146	1998181	-	6	3	K.HLGVEASLKPTK.W	16
PHEAT-3236	proteomics_heat	1998224	1998289	-	6	2	R.GTLLVGLGTYPPFSFGDDGK.L	26
PHEAT-3237	proteomics_heat	1999124	1999153	-	6	2	R.VSQLHSQAIK.R	14
PHEAT-3238	proteomics_heat	1999475	1999519	-	6	4	R.EVAQAIGQLEQELGR.N	19
PHEAT-3239	proteomics_heat	1999640	1999711	-	6	5	R.LPASVELDDLQAGGIGLLNAVER.Y	28
PHEAT-3240	proteomics_heat	2000179	2000220	-	5	5	K.AQIIQQAGNSVLAK.A	18
PHEAT-3241	proteomics_heat	2000221	2000265	-	5	6	R.IQDADYATEVSNMSK.A	19
PHEAT-3242	proteomics_heat	2000266	2000328	-	5	12	R.LDSAVTNLNNNTTTLNLSAQSR.I	25
PHEAT-3243	proteomics_heat	2000356	2000394	-	5	2	K.ALDDAIASVDKFR.S	17
PHEAT-3244	proteomics_heat	2000413	2000502	-	5	10	K.TYDSADLNGGNLQTGLTAGGEALTAVANGK.T	34
PHEAT-3245	proteomics_heat	2000503	2000550	-	5	3	K.LGGDDGKTEVVDIDGK.T	20
PHEAT-3246	proteomics_heat	2000551	2000604	-	5	12	K.TITYTDSSGAASSPTAVK.L	22
PHEAT-3247	proteomics_heat	2000605	2000667	-	5	22	K.DTNGNLYAADVNETTGAVSVK.T	25
PHEAT-3248	proteomics_heat	2000668	2000697	-	5	2	K.GNDTDTYALK.D	14

PHEAT-3249	proteomics_heat	2000713	2000805	-	5	8	K.ATTITSGGTPVQIDNTAGSATANLGAVSLVK.L	35
PHEAT-3250	proteomics_heat	2000926	2001033	-	5	11	K.LTGITLSTEAAATDTGGTNPASIEGVYTDNGNDYYAK.I	40
PHEAT-3251	proteomics_heat	2001034	2001102	-	5	6	K.NNDTVTTSAPVTAFGATTNNIK.L	27
PHEAT-3252	proteomics_heat	2001211	2001255	-	5	3	R.VSGQTQFNGVNVLAK.N	19
PHEAT-3253	proteomics_heat	2001280	2001351	-	5	9	R.ELTVQATTGTNSESDLSSIQDEIK.S	28
PHEAT-3254	proteomics_heat	2001280	2001357	-	5	3	R.VRELTVQATTGTNSESDLSSIQDEIK.S	30
PHEAT-3255	proteomics_heat	2001358	2001432	-	5	5	R.NANDGISVAQTTEGALSEINNNLQR.V	29
PHEAT-3256	proteomics_heat	2001472	2001504	-	5	10	K.DDAAGQAIANR.F	15
PHEAT-3257	proteomics_heat	2001472	2001519	-	5	10	R.INSAKDDAAGQAIANR.F	20
PHEAT-3258	proteomics_heat	2001538	2001570	-	5	3	K.NQSALSSSIER.L	15
PHEAT-3259	proteomics_heat	2001571	2001627	-	5	6	M.AQVINTNSLSLITQNNINK.N	23
PHEAT-3260	proteomics_heat	2005704	2005769	-	4	4	R.VDRPTAECAAALDKAPLPTPLP.-	26
PHEAT-3261	proteomics_heat	2005728	2005769	-	4	2	R.VDRPTAECAAALDK.A	18
PHEAT-3262	proteomics_heat	2005770	2005811	-	4	8	R.DGNTIEYDGMTMER.V	18
PHEAT-3263	proteomics_heat	2005812	2005832	-	4	2	R.ELYEVER.D	11
PHEAT-3264	proteomics_heat	2005833	2005877	-	4	3	K.LTLMSDDLNTVTVKR.E	19
PHEAT-3265	proteomics_heat	2005836	2005877	-	4	2	K.LTLMSDDLNTVTVK.R	18
PHEAT-3266	proteomics_heat	2005935	2005979	-	4	2	R.ALVSPEATGSLIVTK.E	19
PHEAT-3267	proteomics_heat	2005992	2006033	-	4	3	K.TPAPDWLAGYWQTK.G	18
PHEAT-3268	proteomics_heat	2016493	2016573	-	5	2	L.SVATSNWGAALSVMVSPANASLNNARK.S	31
PHEAT-3269	proteomics_heat	2025802	2025912	-	5	2	R.EVVVLEDAYISSQRNHLENVANALDKHLQYNVDKLIF.L	41
PHEAT-3270	proteomics_heat	2029046	2029081	-	6	2	K.FRIPVSDTQAYR.Q	16
PHEAT-3271	proteomics_heat	2029550	2029624	-	6	2	R.IIMQTLDELGYDVADAEDNGPDDPK.I	29
PHEAT-3272	proteomics_heat	2030741	2030815	-	6	2	K.IEAVCHAIAAHSFSAQIAPLTTEAK.I	29
PHEAT-3273	proteomics_heat	2058486	2058569	-	4	2	R.LELIQGTQPQEIATLLQNGEADIGIASER.L	32
PHEAT-3274	proteomics_heat	2060742	2060789	-	4	8	R.LYAIHGTNANFGIGLR.V	20
PHEAT-3275	proteomics_heat	2060742	2060789	-	4	8	R.LYAIHGTNANFGIGLR.V	20
PHEAT-3276	proteomics_heat	2060790	2060867	-	4	2	K.RGESLPAFVPAGPDNPMGLYAIYIGR.L	30
PHEAT-3277	proteomics_heat	2061862	2061909	-	5	4	R.DPEEVVGIGANLPTDK.L	20
PHEAT-3278	proteomics_heat	2062210	2062245	-	5	2	K.EVTAIQAENMTR.G	16
PHEAT-3279	proteomics_heat	2062378	2062419	-	5	2	R.HIDGLLKPVGSLGK.L	18
PHEAT-3280	proteomics_heat	2062429	2062491	-	5	3	E.MQILADLLNTIPAIIDSTAMSR.A	25
PHEAT-3281	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3282	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3283	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3284	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3285	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3286	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3287	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3288	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3289	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3290	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3291	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3292	proteomics_heat	2064953	2064982	-	6	2	R.HLLEQHQLAR.Q	14
PHEAT-3293	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3294	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14

PHEAT-3295	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3296	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3297	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3298	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3299	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3300	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3301	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3302	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3303	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3304	proteomics_heat	2065124	2065153	-	6	2	R.RPYPLETMLR.I	14
PHEAT-3305	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3306	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3307	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3308	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3309	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3310	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3311	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3312	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3313	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3314	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3315	proteomics_heat	2065169	2065228	-	6	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3316	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3317	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3318	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3319	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3320	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3321	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3322	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3323	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3324	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3325	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3326	proteomics_heat	2065265	2065306	-	6	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3327	proteomics_heat	2077140	2077160	-	4	3	R.VDDYIIK.N	11
PHEAT-3328	proteomics_heat	2077140	2077178	-	4	9	K.GDYEDRVDDYIIK.N	17
PHEAT-3329	proteomics_heat	2077179	2077262	-	4	446	R.VLLLDNLSDYIKPGMSVEAIQGIIASMK.G	32
PHEAT-3330	proteomics_heat	2077179	2077265	-	4	4	K.RVLLLDNLSDYIKPGMSVEAIQGIIASMK.G	33
PHEAT-3331	proteomics_heat	2077179	2077298	-	4	6	Q.DVEKKIRDNQKRVLLLDNLSDYIKPGMSVEAIQGIIASMK.G	44
PHEAT-3332	proteomics_heat	2077284	2077307	-	4	8	R.EIQDVEKK.I	12
PHEAT-3333	proteomics_heat	2077287	2077307	-	4	3	R.EIQDVEK.K	11
PHEAT-3334	proteomics_heat	2077338	2077385	-	4	26	K.METTKPSFQDVLEFVR.L	20
PHEAT-3335	proteomics_heat	2079206	2079253	-	6	4	R.TVAGFHLVGPWEQTVK.K	20
PHEAT-3336	proteomics_heat	2082415	2082465	-	5	2	K.KLDVVTQVCPFLIEAK.A	21
PHEAT-3337	proteomics_heat	2086538	2086624	-	6	16	K.TAPDGEHVNVLHLEDVIGAITLLLQAPK.G	33
PHEAT-3338	proteomics_heat	2086652	2086678	-	6	2	R.LAGLVGPR.H	13
PHEAT-3339	proteomics_heat	2086679	2086741	-	6	3	R.VLEELEDWLHNLPGTSVDILR.L	25
PHEAT-3340	proteomics_heat	2086844	2086912	-	6	17	R.SGPGDEFYLAQVELVDSALAH.R	27

PHEAT-3341	proteomics_heat	2086844	2086915	-	6	3	R.RSGPGDEFYLVQAVQELVDSALAH.R.I	28
PHEAT-3342	proteomics_heat	2087084	2087143	-	6	3	K.VAIVGLGWLGMPLAMSLAR.G	24
PHEAT-3343	proteomics_heat	2095489	2095548	-	5	10	R.QNLLDIESLKVDDLDIHAYR.Y	24
PHEAT-3344	proteomics_heat	2095549	2095599	-	5	4	K.HEATRPLVFSNYYQTR.Q	21
PHEAT-3345	proteomics_heat	2095600	2095701	-	5	2	N.QAQVTKPQIQQTGEDITQDTLFLLGSEALESMIK.H	38
PHEAT-3346	proteomics_heat	2095600	2095731	-	5	9	R.QIQEALQYANQAQVTKPQIQQTGEDITQDTLFLLGSEALESMIK.H	48
PHEAT-3347	proteomics_heat	2095747	2095776	-	5	6	R.TQEVVAQE.QK.D	14
PHEAT-3348	proteomics_heat	2095801	2095884	-	5	2	K.LAQYIQQVDDKVNQELEKDLKDNIALGR.K	32
PHEAT-3349	proteomics_heat	2095831	2095884	-	5	7	K.LAQYIQQVDDKVNQELEK.D	22
PHEAT-3350	proteomics_heat	2095831	2095887	-	5	4	M.KLAQYIQQVDDKVNQELEK.D	23
PHEAT-3351	proteomics_heat	2095852	2095884	-	5	2	K.LAQYIQQVDDK.V	15
PHEAT-3352	proteomics_heat	2095885	2095947	-	5	8	K.NQQLPLTVSYVVGQTAEGAQMK.L	25
PHEAT-3353	proteomics_heat	2095972	2096031	-	5	2	R.FSSAFSALAETLDNQEEREK.L	24
PHEAT-3354	proteomics_heat	2095978	2096031	-	5	8	R.FSSAFSALAETLDNQEER.E	22
PHEAT-3355	proteomics_heat	2097889	2097927	-	5	6	R.IDKEGVFHTEWLD.-	17
PHEAT-3356	proteomics_heat	2097889	2097930	-	5	10	K.RIDKEGVFHTEWLD.-	18
PHEAT-3357	proteomics_heat	2097904	2097927	-	5	2	R.IDKEGVFH.T	12
PHEAT-3358	proteomics_heat	2097931	2097957	-	5	5	R.DYFGAHTYK.R	13
PHEAT-3359	proteomics_heat	2097958	2097996	-	5	7	R.AAVLPANLIQAQR.D	17
PHEAT-3360	proteomics_heat	2097997	2098044	-	5	2	I.PVPTFSAAVAYDSYR.A	20
PHEAT-3361	proteomics_heat	2097997	2098077	-	5	198	R.DVVAYAVQNGIPVPTFSAAVAYDSYR.A	31
PHEAT-3362	proteomics_heat	2098078	2098110	-	5	5	K.QIADDYQQALR.D	15
PHEAT-3363	proteomics_heat	2098111	2098173	-	5	16	K.ITDAYAENPQIANLLLAPYFK.Q	25
PHEAT-3364	proteomics_heat	2098219	2098269	-	5	30	R.AASEEYNWDLNYGEIAK.I	21
PHEAT-3365	proteomics_heat	2098270	2098305	-	5	9	K.IVSYAQGFSQLR.A	16
PHEAT-3366	proteomics_heat	2098333	2098389	-	5	13	K.VLSGPQAQPAGDKAEFIEK.V	23
PHEAT-3367	proteomics_heat	2098351	2098389	-	5	7	K.VLSGPQAQPAGDK.A	17
PHEAT-3368	proteomics_heat	2098405	2098431	-	5	6	R.YISSLKDQR.V	13
PHEAT-3369	proteomics_heat	2098432	2098500	-	5	89	K.WTSQSALDLGEPVSLITESVFAR.Y	27
PHEAT-3370	proteomics_heat	2098501	2098569	-	5	4	K.KDEDGNYLVDVILDEAANKGTGK.W	27
PHEAT-3371	proteomics_heat	2098513	2098566	-	5	13	K.DEDGNYLVDVILDEAANK.G	22
PHEAT-3372	proteomics_heat	2098513	2098569	-	5	37	K.KDEDGNYLVDVILDEAANK.G	23
PHEAT-3373	proteomics_heat	2098513	2098584	-	5	2	K.DIFTKKDEDGNYLVDVILDEAANK.G	28
PHEAT-3374	proteomics_heat	2098513	2098596	-	5	7	I.DITKDIFTKKDEDGNYLVDVILDEAANK.G	32
PHEAT-3375	proteomics_heat	2098585	2098677	-	5	64	K.GGLNLTNEELAQTFTWNNGELSSYLIDITK.D	35
PHEAT-3376	proteomics_heat	2098678	2098743	-	5	82	K.MVHNGIEYGDMLIAEAYSLK.G	26
PHEAT-3377	proteomics_heat	2098744	2098791	-	5	10	E.PCVTYIGADGAGHYVK.M	20
PHEAT-3378	proteomics_heat	2098744	2098818	-	5	22	K.IAAVAEDGEPVTVTYIGADGAGHYVK.M	29
PHEAT-3379	proteomics_heat	2098753	2098818	-	5	2	K.IAAVAEDGEPVTVTYIGADGAGH.Y	26
PHEAT-3380	proteomics_heat	2098819	2098854	-	5	11	K.EAYELVAPILTK.I	16
PHEAT-3381	proteomics_heat	2098855	2098953	-	5	15	R.ELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	37
PHEAT-3382	proteomics_heat	2098855	2098959	-	5	6	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	39
PHEAT-3383	proteomics_heat	2098885	2098953	-	5	7	R.ELSAEGFNFIGTGVSGGEEGALK.G	27
PHEAT-3384	proteomics_heat	2098885	2098959	-	5	4	R.NRELSAEGFNFIGTGVSGGEEGALK.G	29
PHEAT-3385	proteomics_heat	2098960	2099067	-	5	10	K.AGAGTDAIDSLLKPYLDKGDIIIDGGNTFFQDTIRR.N	40
PHEAT-3386	proteomics_heat	2098963	2099013	-	5	3	K.GDIIIDGGNTFFQDTIRR.R	21

PHEAT-3387	proteomics_heat	2098963	2099067	-	5	32	K.AGAGTDAAIDSLKPYLDKGDIIIDGGNTFFQDTIR.R	39
PHEAT-3388	proteomics_heat	2099014	2099067	-	5	2	K.AGAGTDAAIDSLKPYLDK.G	22
PHEAT-3389	proteomics_heat	2099089	2099118	-	5	4	K.EFVESLETPR.R	14
PHEAT-3390	proteomics_heat	2099143	2099178	-	5	10	K.TEEVIAENPGKK.L	16
PHEAT-3391	proteomics_heat	2099143	2099184	-	5	11	R.EKTEEVIAENPGKK.L	18
PHEAT-3392	proteomics_heat	2099146	2099178	-	5	4	K.TEEVIAENPGK.K	15
PHEAT-3393	proteomics_heat	2099146	2099184	-	5	4	R.EKTEEVIAENPGK.K	17
PHEAT-3394	proteomics_heat	2099191	2099217	-	5	3	R.GYTVSIFNR.S	13
PHEAT-3395	proteomics_heat	2099218	2099244	-	5	6	R.NLALNIESR.G	13
PHEAT-3396	proteomics_heat	2099245	2099283	-	5	6	K.QQIGVVGMVAVMGR.N	17
PHEAT-3397	proteomics_heat	2099245	2099289	-	5	25	M.SKQQIGVVGMVAVMGR.N	19
PHEAT-3398	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3399	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3400	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3401	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3402	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3403	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3404	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3405	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3406	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3407	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3408	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3409	proteomics_heat	2100543	2100572	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-3410	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3411	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3412	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3413	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3414	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3415	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3416	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3417	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3418	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3419	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3420	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3421	proteomics_heat	2100714	2100743	-	4	2	R.RPYPLETMLR.I	14
PHEAT-3422	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3423	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3424	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3425	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3426	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3427	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3428	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3429	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3430	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3431	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3432	proteomics_heat	2100759	2100818	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24

PHEAT-3433	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3434	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3435	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3436	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3437	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3438	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3439	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3440	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3441	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3442	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3443	proteomics_heat	2100855	2100896	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3444	proteomics_heat	2101324	2101362	-	5	2	K.LLENLNADDEHYK.I	17
PHEAT-3445	proteomics_heat	2101418	2101474	-	6	4	R.NENVLVGFDELVNFITEEH.-	23
PHEAT-3446	proteomics_heat	2102186	2102221	-	6	2	R.YVYCHNPAPFYK.G	16
PHEAT-3447	proteomics_heat	2103098	2103130	-	6	3	R.DVLEEVIDDLK.T	15
PHEAT-3448	proteomics_heat	2103191	2103235	-	6	4	K.EMQEIVDSMTIETYK.Q	19
PHEAT-3449	proteomics_heat	2103449	2103484	-	6	2	K.YLGSFDAQSPEK.I	16
PHEAT-3450	proteomics_heat	2103617	2103655	-	6	4	K.IFDYLVSSDVEHR.D	17
PHEAT-3451	proteomics_heat	2103701	2103748	-	6	4	R.LATCDMVISHNPQMTK.Y	20
PHEAT-3452	proteomics_heat	2103944	2104024	-	6	2	R.KDALDIASDYENISVVNIPLWGGVVQR.I	31
PHEAT-3453	proteomics_heat	2105271	2105318	-	4	4	K.YYDMHQVISAALYQVK.N	20
PHEAT-3454	proteomics_heat	2105403	2105441	-	4	6	K.VGDEPYYPVNDNK.N	17
PHEAT-3455	proteomics_heat	2105481	2105504	-	4	4	K.HFDYVETK.H	12
PHEAT-3456	proteomics_heat	2105520	2105588	-	4	5	R.HEFPNFQGNVINFDTANVPYTR.I	27
PHEAT-3457	proteomics_heat	2105634	2105675	-	4	4	R.IIYTGPIDQYFDYR.F	18
PHEAT-3458	proteomics_heat	2105799	2105831	-	4	2	R.FTFDNNYFSDR.Y	15
PHEAT-3459	proteomics_heat	2105907	2105975	-	4	16	K.VPENLEEQAISLVGEDLYQALIK.G	27
PHEAT-3460	proteomics_heat	2105907	2105987	-	4	31	K.YGDKVPENLEEQAISLVGEDLYQALIK.G	31
PHEAT-3461	proteomics_heat	2105907	2105990	-	4	17	K.KYGDKVPENLEEQAISLVGEDLYQALIK.G	32
PHEAT-3462	proteomics_heat	2105994	2106032	-	4	3	K.DPQEAQNIINAQK.K	17
PHEAT-3463	proteomics_heat	2105994	2106086	-	4	4	K.LFNLPFNMNTFHQMVGKDPQEAQNIINAQK.K	35
PHEAT-3464	proteomics_heat	2106198	2106254	-	4	11	R.NHIGGNAYTEDCEGIQIHK.Y	23
PHEAT-3465	proteomics_heat	2107764	2107817	-	4	7	K.GFAHGFLVLSDIAEFQYK.T	22
PHEAT-3466	proteomics_heat	2108007	2108093	-	4	4	R.GFFYESFNQSAFEHILGYPVSFVQDNHSR.S	33
PHEAT-3467	proteomics_heat	2108231	2108260	-	6	2	K.GFIDVEQVRK.L	14
PHEAT-3468	proteomics_heat	2108234	2108263	-	6	4	R.KGFIDVEQVR.K	14
PHEAT-3469	proteomics_heat	2108261	2108293	-	6	2	K.VSCP EIAFRK.G	15
PHEAT-3470	proteomics_heat	2108306	2108383	-	6	20	R.GYAWLDTGTHQSLIEASNFATIEER.Q	30
PHEAT-3471	proteomics_heat	2108408	2108428	-	6	2	R.IYLEQGR.L	11
PHEAT-3472	proteomics_heat	2108429	2108458	-	6	3	R.GELEITDINR.I	14
PHEAT-3473	proteomics_heat	2108480	2108539	-	6	3	K.SNYAVTGLYFYDNDVVQMAK.N	24
PHEAT-3474	proteomics_heat	2108540	2108584	-	6	6	K.NGTAISLEEKPLEPK.S	19
PHEAT-3475	proteomics_heat	2108540	2108608	-	6	7	R.YGVVEFDKNGTAISLEEKPLEPK.S	27
PHEAT-3476	proteomics_heat	2108609	2108656	-	6	3	K.ESGATVFAYHVNDPER.Y	20
PHEAT-3477	proteomics_heat	2108681	2108743	-	6	3	I.GGDDCALVLGDNIFYGHDLPK.L	25
PHEAT-3478	proteomics_heat	2108681	2108764	-	6	3	F.IIGEEFIGGDDCALVLGDNIFYGHDLPK.L	32

PHEAT-3479	proteomics_heat	2108681	2108800	-	6	9	K.VQSPDGLAQAFIIGEEFIGGDDCALVLDNIFYGHDLPK.L	44
PHEAT-3480	proteomics_heat	2108708	2108800	-	6	2	K.VQSPDGLAQAFIIGEEFIGGDDCALVLDN.I	35
PHEAT-3481	proteomics_heat	2108801	2108854	-	6	4	R.FQQLLGDSQWGLNLQYK.V	22
PHEAT-3482	proteomics_heat	2108855	2108893	-	6	6	R.DILIISTPQDTPR.F	17
PHEAT-3483	proteomics_heat	2108894	2108965	-	6	17	K.QLLPYDKPMIYYPLSTLMLAGIR.D	28
PHEAT-3484	proteomics_heat	2108996	2109028	-	6	2	K.GIILAGGSGTR.L	15
PHEAT-3485	proteomics_heat	2108996	2109028	-	6	2	K.GIILAGGSGTR.L	15
PHEAT-3486	proteomics_heat	2108996	2109031	-	6	2	R.KGIILAGGSGTR.L	16
PHEAT-3487	proteomics_heat	2108996	2109031	-	6	2	R.KGIILAGGSGTR.L	16
PHEAT-3488	proteomics_heat	2109140	2109190	-	6	2	K.FQQNFALVLPDWQVGVK.R	21
PHEAT-3489	proteomics_heat	2109224	2109265	-	6	4	K.LNAVPTTAYPTPAR.R	18
PHEAT-3490	proteomics_heat	2109398	2109481	-	6	3	R.EELAVINDQFGAPTGAELLADCTAHAIR.V	32
PHEAT-3491	proteomics_heat	2109398	2109487	-	6	3	K.EREELAVINDQFGAPTGAELLADCTAHAIR.V	34
PHEAT-3492	proteomics_heat	2109407	2109481	-	6	2	R.EELAVINDQFGAPTGAELLADCTAH.A	29
PHEAT-3493	proteomics_heat	2109731	2109847	-	6	2	R.SIRPDIIVNAAAHTAVDKAESEPEFAQLINATSVEIAIK.A	43
PHEAT-3494	proteomics_heat	2109794	2109847	-	6	5	R.SIRPDIIVNAAAHTAVDK.A	22
PHEAT-3495	proteomics_heat	2109848	2109946	-	6	3	R.ALAPLGNLIAFDVHSTDYCGDFSNPEGVAETVR.S	37
PHEAT-3496	proteomics_heat	2109947	2109976	-	6	2	K.TGQVGWELQR.A	14
PHEAT-3497	proteomics_heat	2110003	2110050	-	5	4	K.SGAYQSWIEQNYEGRQ.-	20
PHEAT-3498	proteomics_heat	2110006	2110050	-	5	2	K.SGAYQSWIEQNYEGR.Q	19
PHEAT-3499	proteomics_heat	2110069	2110098	-	5	3	K.TVEWYLSNTK.W	14
PHEAT-3500	proteomics_heat	2110069	2110101	-	5	5	R.KTVEWYLSNTK.W	15
PHEAT-3501	proteomics_heat	2110099	2110146	-	5	4	R.ALGWKPQETFESGIRK.T	20
PHEAT-3502	proteomics_heat	2110102	2110146	-	5	2	R.ALGWKPQETFESGIR.K	19
PHEAT-3503	proteomics_heat	2110180	2110221	-	5	3	R.EQITYVADRPGHDR.R	18
PHEAT-3504	proteomics_heat	2110237	2110290	-	5	2	K.NIDVVLITICDLLDEIVPK.E	22
PHEAT-3505	proteomics_heat	2110237	2110293	-	5	2	K.KNIDVVLITICDLLDEIVPK.E	23
PHEAT-3506	proteomics_heat	2110294	2110332	-	5	6	K.AGETYNIGGHNEK.K	17
PHEAT-3507	proteomics_heat	2110333	2110362	-	5	3	R.ALYTVVTEGK.A	14
PHEAT-3508	proteomics_heat	2110363	2110407	-	5	2	K.GDQIRDWLYVEDHAR.A	19
PHEAT-3509	proteomics_heat	2110429	2110467	-	5	10	K.LIPLVILNALEGK.A	17
PHEAT-3510	proteomics_heat	2110549	2110572	-	5	5	K.ASSDHLVR.A	12
PHEAT-3511	proteomics_heat	2110549	2110572	-	5	5	K.ASSDHLVR.A	12
PHEAT-3512	proteomics_heat	2110717	2110749	-	5	2	R.NYWSALDSDKK.N	15
PHEAT-3513	proteomics_heat	2110750	2110821	-	5	64	R.SITGPAAFIETNIVGTYVLLAAR.N	28
PHEAT-3514	proteomics_heat	2110822	2110884	-	5	10	R.IFAQHQPDAMHMLAAESHVDR.S	25
PHEAT-3515	proteomics_heat	2110885	2110932	-	5	6	R.YVFEHADICDAPAMAR.I	20
PHEAT-3516	proteomics_heat	2110933	2110965	-	5	5	R.ESLADVSDSER.Y	15
PHEAT-3517	proteomics_heat	2110966	2111010	-	5	2	Q.DSVVNVDKLTYAGNR.E	19
PHEAT-3518	proteomics_heat	2110966	2111031	-	5	12	R.HIINNTQDSVVNVDKLTYAGNR.E	26
PHEAT-3519	proteomics_heat	2110987	2111031	-	5	9	R.HIINNTQDSVVNVDK.L	19
PHEAT-3520	proteomics_heat	2111554	2111607	-	5	2	K.QSVDAMMLTGDSYDCGKK.M	22
PHEAT-3521	proteomics_heat	2111554	2111610	-	5	6	K.KQSVDAMMLTGDSYDCGKK.M	23
PHEAT-3522	proteomics_heat	2111611	2111646	-	5	4	R.IQLTDAIAELAK.K	16
PHEAT-3523	proteomics_heat	2111671	2111709	-	5	3	R.YVLSADIWPELER.T	17
PHEAT-3524	proteomics_heat	2111710	2111778	-	5	10	R.IVEFIEKPDQPQLDSDIMAVGR.Y	27

PHEAT-3525	proteomics_heat	2111812	2111853	-	5	4	R.MPGDLSEYSVIQTK.E	18
PHEAT-3526	proteomics_heat	2111812	2111856	-	5	9	K.RMPGDLSEYSVIQTK.E	19
PHEAT-3527	proteomics_heat	2111920	2111991	-	5	2	A.IGDNPFFVVLPDVVIDDASADPLR.Y	28
PHEAT-3528	proteomics_heat	2111920	2111997	-	5	14	R.PAIGDNPFFVVLPDVVIDDASADPLR.Y	30
PHEAT-3529	proteomics_heat	2111998	2112042	-	5	5	R.QGEPLGLGHSILCAR.P	19
PHEAT-3530	proteomics_heat	2112112	2112171	-	5	7	K.NAVENHFDTSYELESLEQR.V	24
PHEAT-3531	proteomics_heat	2112172	2112201	-	5	3	K.EILLVTHASK.N	14
PHEAT-3532	proteomics_heat	2112202	2112273	-	5	50	K.EMLPIVDKPMIQYIVDEIVAAGIK.E	28
PHEAT-3533	proteomics_heat	2112286	2112336	-	5	8	K.AVIPVAGLGMHMLPATK.A	21
PHEAT-3534	proteomics_heat	2138209	2138256	-	5	2	R.MEGMNFQQMIQQAVER.N	20
PHEAT-3535	proteomics_heat	2139088	2139117	-	5	2	R.LQMEQDPQHR.G	14
PHEAT-3536	proteomics_heat	2139214	2139246	-	5	2	R.DNTLPDLSDDR.G	15
PHEAT-3537	proteomics_heat	2140039	2140065	-	5	4	K.DEVSAALDR.V	13
PHEAT-3538	proteomics_heat	2140039	2140104	-	5	2	R.GHTAAFIDLSPKDEVSAALDR.V	26
PHEAT-3539	proteomics_heat	2140192	2140221	-	5	2	R.DIEAWLDEGR.L	14
PHEAT-3540	proteomics_heat	2140192	2140233	-	5	2	R.LCDRDIEAWLDEGR.L	18
PHEAT-3541	proteomics_heat	2140421	2140462	-	6	2	K.TVRPMLQFIEPSK.Q	18
PHEAT-3542	proteomics_heat	2140637	2140666	-	6	3	R.MKETVTVPEK.K	14
PHEAT-3543	proteomics_heat	2140667	2140714	-	6	4	R.GSAIDL PVYSYVEHTR.M	20
PHEAT-3544	proteomics_heat	2140718	2140783	-	6	3	K.TNYDHPAMDHSLLEHLQALK.R	26
PHEAT-3545	proteomics_heat	2140910	2140969	-	6	2	M.TDQSHQCIVIGIAGASASGK.S	24
PHEAT-3546	proteomics_heat	2155854	2155925	-	4	10	S.TIYIATTAATISQTVLPSADWKAR.V	28
PHEAT-3547	proteomics_heat	2169938	2169970	-	6	2	R.KLSLEPLIAHR.G	15
PHEAT-3548	proteomics_heat	2171473	2171514	-	5	4	R.VIKPIMDGLTPIAK.Q	18
PHEAT-3549	proteomics_heat	2171653	2171676	-	5	6	K.FSADDIQR.K	12
PHEAT-3550	proteomics_heat	2171653	2171682	-	5	3	R.IKFSADDIQR.K	14
PHEAT-3551	proteomics_heat	2171701	2171757	-	5	8	H.GTSAYMGPIAVLVDIAIEK.I	23
PHEAT-3552	proteomics_heat	2172328	2172402	-	5	39	R.SFGDIPLVHGMPFISGIGIEALQNK.I	29
PHEAT-3553	proteomics_heat	2172412	2172468	-	5	17	R.VNEIETYMDGVHLICTTAK.V	23
PHEAT-3554	proteomics_heat	2172469	2172516	-	5	4	K.ELCQNHNPVELIQR.V	20
PHEAT-3555	proteomics_heat	2172517	2172576	-	5	3	K.IIVACGGAVATSTMAAEEIK.E	24
PHEAT-3556	proteomics_heat	2172643	2172714	-	5	9	K.LQQPDIVETLITLPETQLKEYFTK.Y	28
PHEAT-3557	proteomics_heat	2172658	2172714	-	5	15	K.LQQPDIVETLITLPETQLK.E	23
PHEAT-3558	proteomics_heat	2172829	2172864	-	5	5	K.SSAIYLLRPTNK.V	16
PHEAT-3559	proteomics_heat	2172865	2172942	-	5	11	R.EAEFPTGIMLEQHAIAIPHCEAIHAK.S	30
PHEAT-3560	proteomics_heat	2172943	2172984	-	5	14	K.GVVHDTWPQALIAR.E	18
PHEAT-3561	proteomics_heat	2172985	2173026	-	5	6	R.SEVLTHIGNEMLAK.G	18
PHEAT-3562	proteomics_heat	2172985	2173050	-	5	4	R.SGISFVDRSEVLTHIGNEMLAK.G	26
PHEAT-3563	proteomics_heat	2173027	2173050	-	5	3	R.SGISFVDR.S	12
PHEAT-3564	proteomics_heat	2173126	2173176	-	5	3	R.IQSGELSAIPHQLIMDK.I	21
PHEAT-3565	proteomics_heat	2173189	2173266	-	5	11	K.NSVETMMVNLEGVDIPLGMISQYLPK.Q	30
PHEAT-3566	proteomics_heat	2173189	2173272	-	5	3	R.IKNSVETMMVNLEGVDIPLGMISQYLPK.Q	32
PHEAT-3567	proteomics_heat	2173213	2173266	-	5	4	K.NSVETMMVNLEGVDIPLG.M	22
PHEAT-3568	proteomics_heat	2173318	2173350	-	5	2	R.TGFNDSLLDIR.Y	15
PHEAT-3569	proteomics_heat	2173363	2173419	-	5	4	R.SGCLAVIEEVMLDEPQYWK.K	23
PHEAT-3570	proteomics_heat	2173420	2173476	-	5	2	R.EAIFALAQIEQLIAPENR.S	23

PHEAT-3571	proteomics_heat	2173552	2173590	-	5	5	R.MVYEAHSTDYQTR.T	17
PHEAT-3572	proteomics_heat	2173912	2173983	-	5	2	K.IHLDASMSCAGDPIPLAPETVAER.A	28
PHEAT-3573	proteomics_heat	2174029	2174100	-	5	4	R.IILGGDHLGPNCWQQENADAAMEK.S	28
PHEAT-3574	proteomics_heat	2174149	2174226	-	5	3	R.KVLIEATSNQVNQFGGYTGMPADFR.E	30
PHEAT-3575	proteomics_heat	2174239	2174316	-	5	8	K.AGEHIGICSVCSAHLVIEAALAFDR.N	30
PHEAT-3576	proteomics_heat	2174378	2174407	-	6	6	K.VIADCGCEGR.A	14
PHEAT-3577	proteomics_heat	2174435	2174455	-	6	4	R.DYLQSAK.S	11
PHEAT-3578	proteomics_heat	2174456	2174494	-	6	8	K.NYLTEHPEATDPR.D	17
PHEAT-3579	proteomics_heat	2174495	2174518	-	6	4	K.NAFSQALK.N	12
PHEAT-3580	proteomics_heat	2174579	2174632	-	6	13	R.QWVNLPLVLHGASGLSTK.D	22
PHEAT-3581	proteomics_heat	2174648	2174743	-	6	41	R.EFAEATGIDSLAVAIGTAHGMYSAPALDFSR.L	36
PHEAT-3582	proteomics_heat	2174744	2174812	-	6	3	L.GGQEDDVQVNEADALYTNPAQAR.E	27
PHEAT-3583	proteomics_heat	2174744	2174848	-	6	131	R.FDVSVEAELGQLGGQEDDVQVNEADALYTNPAQAR.E	39
PHEAT-3584	proteomics_heat	2174849	2174878	-	6	3	R.VKEVDFCHR.F	14
PHEAT-3585	proteomics_heat	2174879	2174929	-	6	9	R.SVMIDASHLPFAQNISR.V	21
PHEAT-3586	proteomics_heat	2174948	2174968	-	6	2	K.FDDIAQK.V	11
PHEAT-3587	proteomics_heat	2175549	2175587	-	4	2	K.LINAVQDVYLDK.I	17
PHEAT-3588	proteomics_heat	2175675	2175737	-	4	15	R.AGLINSGGAAGGETDLSDAVR.T	25
PHEAT-3589	proteomics_heat	2175675	2175761	-	4	2	Q.LANCYMGRAGLINSGGAAGGETDLSDAVR.T	33
PHEAT-3590	proteomics_heat	2175738	2175767	-	4	2	R.YQLANCYMGR.A	14
PHEAT-3591	proteomics_heat	2175876	2175959	-	4	4	K.DGVVYHVSADLTGQANHLAATIGADIVK.Q	32
PHEAT-3592	proteomics_heat	2176023	2176058	-	4	4	R.RQIEEISAAFER.A	16
PHEAT-3593	proteomics_heat	2176224	2176301	-	4	53	K.NIVELATEAGCNCVASTYGVLASVSR.R	30
PHEAT-3594	proteomics_heat	2176302	2176403	-	4	7	R.LAGTGYSILPVDQGVHSAGASFAANPLYFDPK.N	38
PHEAT-3595	proteomics_heat	2176404	2176433	-	4	5	R.NMQTLYNTGR.L	14
PHEAT-3596	proteomics_heat	2176473	2176529	-	4	5	R.CMTIPSDQLYLPGHYVDR.V	23
PHEAT-3597	proteomics_heat	2176530	2176556	-	4	4	K.DADNLLQHR.C	13
PHEAT-3598	proteomics_heat	2178341	2178415	-	6	2	L.LKASKRSAQSRILRPIRSGSILPSR.S	29
PHEAT-3599	proteomics_heat	2181963	2182010	-	4	4	K.GGHLDDDEQSPDWLFTR.E	20
PHEAT-3600	proteomics_heat	2182206	2182250	-	4	6	R.YQIQNVVLDTVMLAK.S	19
PHEAT-3601	proteomics_heat	2182260	2182307	-	4	2	K.IGMLAETDIVEVAER.L	20
PHEAT-3602	proteomics_heat	2182323	2182376	-	4	13	R.IEPDFVAAQLDSVFSVDR.I	22
PHEAT-3603	proteomics_heat	2182398	2182463	-	4	3	K.TFSALGAYGCSVITALVAQNTR.G	26
PHEAT-3604	proteomics_heat	2182464	2182529	-	4	3	R.INALTIAGTDPSGGAGIQADLK.T	26
PHEAT-3605	proteomics_heat	2182739	2182777	-	6	3	R.IIGIHGGDPLMTK.V	17
PHEAT-3606	proteomics_heat	2182838	2182897	-	6	3	R.GVDTTDAAANAIPAAQTLAR.E	24
PHEAT-3607	proteomics_heat	2182898	2182948	-	6	2	R.GNASEIMALAGIANGGR.G	21
PHEAT-3608	proteomics_heat	2182997	2183053	-	6	4	K.SSQTPWTLDPVAVGALDYR.R	23
PHEAT-3609	proteomics_heat	2183681	2183737	-	6	3	K.MLDEPHECAAVLQQIAAIR.G	23
PHEAT-3610	proteomics_heat	2183738	2183767	-	6	2	K.IQGQVVALKK.M	14
PHEAT-3611	proteomics_heat	2191090	2191146	-	5	4	R.VAAQLYWQGEVIPGEISFR.A	23
PHEAT-3612	proteomics_heat	2191162	2191215	-	5	3	K.GTPTVISRPESEFTAIYR.Q	22
PHEAT-3613	proteomics_heat	2191231	2191278	-	5	3	K.YHTQLLGQMPHLISR.E	20
PHEAT-3614	proteomics_heat	2191237	2191278	-	5	2	K.YHTQLLGQMPHLIS.L	18
PHEAT-3615	proteomics_heat	2191291	2191392	-	5	2	K.VEVPVLGIVENMSVHICSNCGHHEPIFGTGGAEK.L	38
PHEAT-3616	proteomics_heat	2191777	2191827	-	5	3	K.SSTAVNLALALAAEGAK.V	21

PHEAT-3617	proteomics_heat	2191843	2191869	-	5	4	K.NIIAVSSGK.G	13
PHEAT-3618	proteomics_heat	2191906	2191932	-	5	2	K.LSHNIATLK.R	13
PHEAT-3619	proteomics_heat	2192101	2192148	-	5	4	R.AMVAGTLANFQHPTLK.H	20
PHEAT-3620	proteomics_heat	2216631	2216681	-	4	2	K.TLQQLNASIAVEGLDAK.K	21
PHEAT-3621	proteomics_heat	2216754	2216798	-	4	2	D.PQGVQPIYAPPVVR.E	19
PHEAT-3622	proteomics_heat	2217021	2217047	-	4	2	R.YLQEGGTFK.L	13
PHEAT-3623	proteomics_heat	2217330	2217407	-	4	7	K.IDTEGALLGNIIQLVLESHGVPTVVK.V	30
PHEAT-3624	proteomics_heat	2217969	2218007	-	4	3	K.VTASVQVTNTGKR.E	17
PHEAT-3625	proteomics_heat	2218512	2218553	-	4	2	R.SPQEMIDEAVQTAK.Q	18
PHEAT-3626	proteomics_heat	2218869	2218895	-	4	2	D.PVDTNAESR.L	13
PHEAT-3627	proteomics_heat	2218869	2218904	-	4	3	K.ESDPVDTNAESR.L	16
PHEAT-3628	proteomics_heat	2218905	2218952	-	4	2	K.YDMGLFNDPYSHLGPK.E	20
PHEAT-3629	proteomics_heat	2219088	2219123	-	4	4	K.HGTAADPEDAVR.V	16
PHEAT-3630	proteomics_heat	2219136	2219168	-	4	4	K.GITVSDHGAIK.E	15
PHEAT-3631	proteomics_heat	2219199	2219288	-	4	6	K.AGLDAGSGAVMVALNSLNGTPATSDSWLLK.D	34
PHEAT-3632	proteomics_heat	2219319	2219351	-	4	2	K.EYNTVDMSPQR.L	15
PHEAT-3633	proteomics_heat	2219319	2219387	-	4	2	K.HFAAYGAVEGGKEYNTVDMSPQR.L	27
PHEAT-3634	proteomics_heat	2219352	2219387	-	4	2	K.HFAAYGAVEGGK.E	16
PHEAT-3635	proteomics_heat	2219604	2219660	-	4	3	R.TVFPISLGLASSFNLDVAVK.T	23
PHEAT-3636	proteomics_heat	2224822	2224890	-	5	2	R.IINITSVHEHTPLPDASAYTAAK.H	27
PHEAT-3637	proteomics_heat	2236007	2236054	-	6	2	R.WLLTQPEILMLDEPTR.G	20
PHEAT-3638	proteomics_heat	2236271	2236336	-	6	3	K.QINNHANEAINHGFALVTEER.R	26
PHEAT-3639	proteomics_heat	2237378	2237425	-	6	2	R.VPYVGVDDKDNLAEFK.K	20
PHEAT-3640	proteomics_heat	2237564	2237620	-	6	5	K.SSIPVFGVDALPEALALVK.S	23
PHEAT-3641	proteomics_heat	2240432	2240464	-	6	2	K.LHGGVEAISNR.A	15
PHEAT-3642	proteomics_heat	2241060	2241107	-	4	6	R.DATSATTTTSLGGLFK.S	20
PHEAT-3643	proteomics_heat	2241213	2241254	-	4	5	R.IVQFFAQRPVQQR.L	18
PHEAT-3644	proteomics_heat	2241288	2241311	-	4	2	K.ATVAYIPK.D	12
PHEAT-3645	proteomics_heat	2241312	2241365	-	4	5	R.DITLTSTCEHHFVTIDGK.A	22
PHEAT-3646	proteomics_heat	2241366	2241395	-	4	2	K.MKVDEMVTVR.D	14
PHEAT-3647	proteomics_heat	2241417	2241467	-	4	31	K.MYVDEIFSGLDYANFPK.I	21
PHEAT-3648	proteomics_heat	2241477	2241563	-	4	5	K.SLIAGHMTEIMQLLNLDLADDLSMETPHR.I	33
PHEAT-3649	proteomics_heat	2241564	2241620	-	4	4	R.GLETPLRPPVHEMDNETR.K.S	23
PHEAT-3650	proteomics_heat	2241567	2241620	-	4	8	R.GLETPLRPPVHEMDNETR.K	22
PHEAT-3651	proteomics_heat	2241621	2241656	-	4	5	K.EAALVHEALVAR.G	16
PHEAT-3652	proteomics_heat	2242833	2242862	-	4	2	R.DDYSYNEDGR.R	14
PHEAT-3653	proteomics_heat	2243484	2243534	-	4	3	K.APSLLQLSPDWTSNSCR.G	21
PHEAT-3654	proteomics_heat	2243724	2243774	-	4	3	R.HDKLSDAVNLTGGTSSK.T	21
PHEAT-3655	proteomics_heat	2243775	2243831	-	4	3	K.YTLPLTAINQFLTVGGWEWR.H	23
PHEAT-3656	proteomics_heat	2243832	2243885	-	4	2	K.NPGNSSPITSESNTVDGK.Y	22
PHEAT-3657	proteomics_heat	2243832	2243897	-	4	4	K.VENKNPGNSSPITSESNTVDGK.Y	26
PHEAT-3658	proteomics_heat	2244108	2244155	-	4	2	K.DDPQNSTTTDTGETPR.I	20
PHEAT-3659	proteomics_heat	2244396	2244443	-	4	4	R.HNDFDLNWI PVDSIER.I	20
PHEAT-3660	proteomics_heat	2244609	2244656	-	4	3	K.DAPASISVITQEDLQR.K	20
PHEAT-3661	proteomics_heat	2245316	2245360	-	6	2	R.GYVLQGHDIINDLPYR.S	19
PHEAT-3662	proteomics_heat	2245562	2245591	-	6	2	R.MLYTLACDGK.A	14

PHEAT-3663	proteomics_heat	2247068	2247115	-	6	2	R.GPVTLEQLAAAPWILR.E	20
PHEAT-3664	proteomics_heat	2247386	2247433	-	6	9	R.ALALLEQAVEIEQLFR.E	20
PHEAT-3665	proteomics_heat	2258800	2258838	-	5	3	K.AVAEATPYEPAGK.A	17
PHEAT-3666	proteomics_heat	2258800	2258859	-	5	4	K.TAQELDKAVAEATPYEPAGK.A	24
PHEAT-3667	proteomics_heat	2258911	2259006	-	5	78	R.GSVGAGNAITPEEVAAADLVIVAADIEVDLAK.F	36
PHEAT-3668	proteomics_heat	2258941	2259006	-	5	5	R.GSVGAGNAITPEEVAAADLVIV.A	26
PHEAT-3669	proteomics_heat	2259040	2259120	-	5	8	K.RVVAVTACPTGVAHTFMAAEAIETEAK.K	31
PHEAT-3670	proteomics_heat	2259121	2259174	-	5	2	K.PYTAPVAATAPVAASGPK.R	22
PHEAT-3671	proteomics_heat	2259121	2259186	-	5	3	K.GHAKPYTAPVAATAPVAASGPK.R	26
PHEAT-3672	proteomics_heat	2259187	2259225	-	5	4	R.AVAHPELFLSEAK.G	17
PHEAT-3673	proteomics_heat	2259253	2259339	-	5	8	K.LEIIDNPDAEMAIVLGDSPNDSALNGK.N	33
PHEAT-3674	proteomics_heat	2260028	2260090	-	6	3	K.DGEVTDNFNFSGFVTPADWER.F	25
PHEAT-3675	proteomics_heat	2260121	2260141	-	6	2	R.FQVVQGR.T	11
PHEAT-3676	proteomics_heat	2260142	2260195	-	6	3	K.DNQGDFQQLFSELGIANR.F	22
PHEAT-3677	proteomics_heat	2260313	2260375	-	6	3	R.VATITLNPAYDLVGFCEPIER.G	25
PHEAT-3678	proteomics_heat	2260522	2260584	-	5	2	K.QFNSDITVTNLDGTGKPANGR.S	25
PHEAT-3679	proteomics_heat	2260585	2260614	-	5	2	R.PGTMLVNTIK.Q	14
PHEAT-3680	proteomics_heat	2260639	2260722	-	5	7	K.ADAATLLALLTSDDAPTDDVLSAEFVVR.N	32
PHEAT-3681	proteomics_heat	2260732	2260767	-	5	2	R.LADLLLDNKADR.L	16
PHEAT-3682	proteomics_heat	2260741	2260767	-	5	3	R.LADLLLDNK.A	13
PHEAT-3683	proteomics_heat	2260768	2260860	-	5	4	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLKR.L	35
PHEAT-3684	proteomics_heat	2260771	2260860	-	5	5	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLK.R	34
PHEAT-3685	proteomics_heat	2260882	2260953	-	5	4	K.AINEQPLNLGQGIWLSDSAEGNLR.S	28
PHEAT-3686	proteomics_heat	2260954	2260995	-	5	2	R.LKEAGAVDATFVTK.A	18
PHEAT-3687	proteomics_heat	2260996	2261088	-	5	4	K.QSEQLKLDNEMLTLDIVASDLLTLQALNAAR.L	35
PHEAT-3688	proteomics_heat	2261137	2261184	-	5	2	R.QLTHVLSDDSVAEQLK.S	20
PHEAT-3689	proteomics_heat	2261314	2261379	-	5	4	R.EQQTSTFLGNGIAIPHGTTDTR.D	26
PHEAT-3690	proteomics_heat	2261380	2261448	-	5	7	R.QVAAALVQAGNVAEGYVNGMLAR.E	27
PHEAT-3691	proteomics_heat	2261449	2261475	-	5	2	K.AGDKEEAI.R	13
PHEAT-3692	proteomics_heat	2261476	2261517	-	5	4	T.MFQLSVQDIHPGEK.A	18
PHEAT-3693	proteomics_heat	2277813	2277893	-	4	2	R.IGGITLDADLAPGEYRPLTEEEIASVV.-	31
PHEAT-3694	proteomics_heat	2277981	2278055	-	4	12	K.GVQLHNEKDLTKPAVLEVITPTQVR.L	29
PHEAT-3695	proteomics_heat	2278323	2278385	-	4	7	K.LLPEHDVAYDGNPLAQHQHGR.Y	25
PHEAT-3696	proteomics_heat	2281058	2281117	-	6	9	K.FAGSGGGLTINFDAMLLGER.I	24
PHEAT-3697	proteomics_heat	2281142	2281177	-	6	2	K.GYELEESFPADR.S	16
PHEAT-3698	proteomics_heat	2281322	2281372	-	6	2	R.GLLQAVDDFTAEALDK.A	21
PHEAT-3699	proteomics_heat	2281385	2281438	-	6	12	K.VADFFMDFLGASEGLNAK.A	22
PHEAT-3700	proteomics_heat	2281385	2281441	-	6	7	R.KVADFFMDFLGASEGLNAK.A	23
PHEAT-3701	proteomics_heat	2281517	2281585	-	6	3	R.VNENLDINPTHYLDINHADIVAR.I	27
PHEAT-3702	proteomics_heat	2281766	2281813	-	6	4	K.AYGLFSESELAQTLR.L	20
PHEAT-3703	proteomics_heat	2281835	2281891	-	6	4	R.DSILLEPTETVVEMVAELHR.V	23
PHEAT-3704	proteomics_heat	2281892	2281924	-	6	2	K.RDEQNLELVL.R.D	15
PHEAT-3705	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3706	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3707	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3708	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14

PHEAT-3709	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3710	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3711	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3712	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3713	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3714	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3715	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3716	proteomics_heat	2287711	2287740	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-3717	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3718	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3719	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3720	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3721	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3722	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3723	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3724	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3725	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3726	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3727	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3728	proteomics_heat	2287882	2287911	-	5	2	R.RPYPLETMLR.I	14
PHEAT-3729	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3730	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3731	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3732	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3733	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3734	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3735	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3736	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3737	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3738	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3739	proteomics_heat	2287927	2287986	-	5	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-3740	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3741	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3742	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3743	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3744	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3745	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3746	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3747	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3748	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3749	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3750	proteomics_heat	2288023	2288064	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-3751	proteomics_heat	2289863	2289907	-	6	2	K.IWQQATAQAPALLDR.A	19
PHEAT-3752	proteomics_heat	2295454	2295525	-	5	2	R.LLTGLSRPDAGEVLWQGQPLHQVR.D	28
PHEAT-3753	proteomics_heat	2298367	2298429	-	5	2	R.NRPPQGLVYMPFFDAAQLVNK.L	25
PHEAT-3754	proteomics_heat	2300545	2300586	-	5	2	R.VVACQGDPAVNR.G	18

PHEAT-3755	proteomics_heat	2304138	2304179	-	4	2	R.TEIGTDVNYGEITR.Q	18
PHEAT-3756	proteomics_heat	2305084	2305134	-	5	2	K.TIFAI SHDDHYFIHAD R.L	21
PHEAT-3757	proteomics_heat	2305135	2305179	-	5	3	R.EFYQVLLPLMQEMGK.T	19
PHEAT-3758	proteomics_heat	2305660	2305713	-	5	4	K.AEFPRPQAFPNWQTLELR.N	22
PHEAT-3759	proteomics_heat	2309821	2309847	-	5	5	R.GYDDEDILK.Y	13
PHEAT-3760	proteomics_heat	2309866	2309943	-	5	13	K.AQNFEAVAQYQFDFGLRPSLAYLQSK.G	30
PHEAT-3761	proteomics_heat	2309944	2309970	-	5	3	R.VGSLGWANK.A	13
PHEAT-3762	proteomics_heat	2309971	2310030	-	5	4	K.YDANNIYLAAQYTQTYNATR.V	24
PHEAT-3763	proteomics_heat	2310031	2310105	-	5	2	K.RTDAQNTAAYIGNGDRAETYTGGLK.Y	29
PHEAT-3764	proteomics_heat	2310058	2310102	-	5	5	R.TDAQNTAAYIGNGDR.A	19
PHEAT-3765	proteomics_heat	2310058	2310105	-	5	6	K.RTDAQNTAAYIGNGDR.A	20
PHEAT-3766	proteomics_heat	2310199	2310252	-	5	7	K.NGNPSGEGFTSGVTNNGR.D	22
PHEAT-3767	proteomics_heat	2310337	2310432	-	5	3	R.NYGVVYDVTSWTDVLPFEGGDYGSDFMQR.G	36
PHEAT-3768	proteomics_heat	2310598	2310627	-	5	3	K.DVDGDQTYMR.L	14
PHEAT-3769	proteomics_heat	2310598	2310660	-	5	4	K.VDGLHYFSDNKDVG DQTYMR.L	25
PHEAT-3770	proteomics_heat	2310628	2310660	-	5	2	K.VDGLHYFSDNK.D	15
PHEAT-3771	proteomics_heat	2310661	2310690	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-3772	proteomics_heat	2310661	2310690	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-3773	proteomics_heat	2310661	2310690	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-3774	proteomics_heat	2310661	2310690	-	5	2	K.DGNKLDLYGK.V	14
PHEAT-3775	proteomics_heat	2310661	2310708	-	5	4	A.AEVYNKDG NKLDLYGK.V	20
PHEAT-3776	proteomics_heat	2310661	2310708	-	5	4	A.AEVYNKDG NKLDLYGK.V	20
PHEAT-3777	proteomics_heat	2310661	2310708	-	5	4	A.AEVYNKDG NKLDLYGK.V	20
PHEAT-3778	proteomics_heat	2310661	2310708	-	5	4	A.AEVYNKDG NKLDLYGK.V	20
PHEAT-3779	proteomics_heat	2310691	2310759	-	5	7	K.VLSLLVPALLVAGAANA AEVYNK.D	27
PHEAT-3780	proteomics_heat	2315634	2315714	-	4	3	R.SGIVVTTYEGQEPTPEDVLITDEVVSK.K	31
PHEAT-3781	proteomics_heat	2316702	2316767	-	4	3	D.GVNILSNELAHTYLNMLTHE DR.Q	26
PHEAT-3782	proteomics_heat	2329257	2329349	-	4	2	V.MLGGGDNALMLPEQASNIRLQSSETPQEIFR.N	35
PHEAT-3783	proteomics_heat	2334929	2334964	-	6	4	R.TAEDENVVGLQR.V	16
PHEAT-3784	proteomics_heat	2334965	2334991	-	6	3	R.NTQGVILIR.T	13
PHEAT-3785	proteomics_heat	2335151	2335177	-	6	2	R.TAVAEYPTK.S	13
PHEAT-3786	proteomics_heat	2335178	2335225	-	6	4	R.GDGAILTATQNGYGKR.T	20
PHEAT-3787	proteomics_heat	2335181	2335225	-	6	3	R.GDGAILTATQNGYGK.R	19
PHEAT-3788	proteomics_heat	2335226	2335249	-	6	3	K.VVSLIVPR.G	12
PHEAT-3789	proteomics_heat	2335226	2335267	-	6	5	R.LGEGDKVVSLIVPR.G	18
PHEAT-3790	proteomics_heat	2335337	2335417	-	6	7	K.LVDGDELIGVDLTSGEDEVM LFS AEGK.V	31
PHEAT-3791	proteomics_heat	2335448	2335474	-	6	2	K.KTVLTEFNR.L	13
PHEAT-3792	proteomics_heat	2335553	2335597	-	6	5	R.GRPVNL LPLEQDER.I	19
PHEAT-3793	proteomics_heat	2335655	2335702	-	6	12	R.LLVANTHDHILCFSSR.G	20
PHEAT-3794	proteomics_heat	2335703	2335729	-	6	3	R.IKEEDFIDR.L	13
PHEAT-3795	proteomics_heat	2335793	2335888	-	6	14	R.TEITANSADINLEDLITQEDVVV T LSHQGYVK.Y	36
PHEAT-3796	proteomics_heat	2335913	2335951	-	6	6	R.LMEVIRELELVR.E	17
PHEAT-3797	proteomics_heat	2335973	2336023	-	6	8	K.LLDEYKELLDQIAELLR.I	21
PHEAT-3798	proteomics_heat	2336057	2336110	-	6	12	R.DGLYYL TEQQAQAILDLR.L	22
PHEAT-3799	proteomics_heat	2336111	2336164	-	6	4	R.AGD DAARPEWLEPEFGVR.D	22
PHEAT-3800	proteomics_heat	2336165	2336221	-	6	10	K.TALVANPWQLGNVAAMLER.A	23

PHEAT-3801	proteomics_heat	2336375	2336413	-	6	2	K.IMNLKDIIAAFVR.H	17
PHEAT-3802	proteomics_heat	2336537	2336587	-	6	3	R.VEGISALRDESDKDGMR.I	21
PHEAT-3803	proteomics_heat	2336537	2336590	-	6	2	K.RVEGISALRDESDKDGMR.I	22
PHEAT-3804	proteomics_heat	2336564	2336590	-	6	2	K.RVEGISALR.D	13
PHEAT-3805	proteomics_heat	2336633	2336674	-	6	3	R.ETIIVHEIPYQVVK.A	18
PHEAT-3806	proteomics_heat	2336684	2336713	-	6	2	R.ARAEVEVDAK.T	14
PHEAT-3807	proteomics_heat	2336741	2336764	-	6	2	R.RGIEEAYR.T	12
PHEAT-3808	proteomics_heat	2336981	2337022	-	6	2	K.ETVDFVDNYDGTEK.I	18
PHEAT-3809	proteomics_heat	2336981	2337055	-	6	4	K.IAHELMADLEKETVDFVDNYDGTEK.I	29
PHEAT-3810	proteomics_heat	2337023	2337055	-	6	4	K.IAHELMADLEK.E	15
PHEAT-3811	proteomics_heat	2337080	2337145	-	6	8	R.YMLVDGQGNFGSIDGDSAAAMR.Y	26
PHEAT-3812	proteomics_heat	2337170	2337214	-	6	3	K.YHPHGDSAVYDTIVR.M	19
PHEAT-3813	proteomics_heat	2337260	2337301	-	6	2	R.VLYAMNVLGNDWNK.A	18
PHEAT-3814	proteomics_heat	2337260	2337304	-	6	2	R.RVLYAMNVLGNDWNK.A	19
PHEAT-3815	proteomics_heat	2340551	2340637	-	6	3	V.SGSSGTVIGSQDVVDLAGGDNLHIGGDGK.D	33
PHEAT-3816	proteomics_heat	2348023	2348085	-	5	2	R.SDKLPEYTPDVNQLYDALYNK.A	25
PHEAT-3817	proteomics_heat	2348359	2348382	-	5	2	R.IKNELEPK.M	12
PHEAT-3818	proteomics_heat	2348542	2348601	-	5	2	R.VHTFEEIEFVQGLNHSTGK.N	24
PHEAT-3819	proteomics_heat	2348881	2348922	-	5	2	R.GASGYLPEHTLPAK.A	18
PHEAT-3820	proteomics_heat	2360726	2360794	-	6	3	R.AGAPLLACEVVPSQEETLAQTAH.W	27
PHEAT-3821	proteomics_heat	2360873	2360932	-	6	2	R.VAGQSVIFEGTEGLPAQISR.E	24
PHEAT-3822	proteomics_heat	2360954	2360992	-	6	2	K.LTGPASEQQAMEK.L	17
PHEAT-3823	proteomics_heat	2361398	2361484	-	6	2	R.SQHADVLIIVNGGLGPTSDDLALAAATAK.G	33
PHEAT-3824	proteomics_heat	2361491	2361535	-	6	2	R.NTVGDNLDDLVTILR.E	19
PHEAT-3825	proteomics_heat	2361491	2361538	-	6	2	R.RNTVGDNLDDLVTILR.E	20
PHEAT-3826	proteomics_heat	2361881	2361961	-	6	2	R.LFGEYYSPDSLSSGIQSYEEANAGAR.Y	31
PHEAT-3827	proteomics_heat	2371387	2371437	-	5	2	K.VGDLLSPLQNALYCINR.E	21
PHEAT-3828	proteomics_heat	2373031	2373081	-	5	2	R.RWPGSTLPVVEVDALER.L	21
PHEAT-3829	proteomics_heat	2373082	2373156	-	5	2	R.IAAWLTPDTIPGLDTLDMQAQQVR.R	29
PHEAT-3830	proteomics_heat	2373625	2373669	-	5	2	R.AAPLCNGDPDDLILK.L	19
PHEAT-3831	proteomics_heat	2374041	2374142	-	4	3	K.AALNADCDGQAGLQELAGNATMLFYMTEEGQEGR.N	38
PHEAT-3832	proteomics_heat	2374194	2374262	-	4	5	K.QALDMGLVNTVVPLADLEKETVR.W	27
PHEAT-3833	proteomics_heat	2374206	2374262	-	4	3	K.QALDMGLVNTVVPLADLEK.E	23
PHEAT-3834	proteomics_heat	2374428	2374493	-	4	2	R.TCPKPVVAMVAGYSIGGGHVLH.M	26
PHEAT-3835	proteomics_heat	2374503	2374568	-	4	5	R.GDYGGYKDDSGVHHLNVLDFQR.Q	26
PHEAT-3836	proteomics_heat	2374602	2374649	-	4	3	R.YDDNIGVIILTGAGDK.A	20
PHEAT-3837	proteomics_heat	2378858	2378890	-	6	2	R.VSQASDSYYYR.A	15
PHEAT-3838	proteomics_heat	2378930	2378971	-	6	3	R.SSGDPADQKYVELK.A	18
PHEAT-3839	proteomics_heat	2378972	2379022	-	6	126	R.IDDDLTLSETLEEVL.R.S	21
PHEAT-3840	proteomics_heat	2378972	2379046	-	6	9	M.SNQFGDTRIDDDLTLSETLEEVL.R.S	29
PHEAT-3841	proteomics_heat	2379329	2379373	-	6	2	R.ILKSDDDLEPVVIGR.V	19
PHEAT-3842	proteomics_heat	2379419	2379493	-	6	5	R.CAVFVVEQNCPYQDIDGDDLTGDN.R.H	29
PHEAT-3843	proteomics_heat	2391338	2391382	-	6	2	R.DPLNSMMNIPAVLSR.F	19
PHEAT-3844	proteomics_heat	2393406	2393429	-	4	3	R.AGEVLSNR.K	12
PHEAT-3845	proteomics_heat	2393945	2393989	-	6	7	K.DKGEAENEAKPIDVK.S	19
PHEAT-3846	proteomics_heat	2394017	2394040	-	6	2	K.YPEYNFYR.M	12

PHEAT-3847	proteomics_heat	2394017	2394094	-	6	3	K.RQDLVYEKEDLLISGPGKYPEYNFYR.M	30
PHEAT-3848	proteomics_heat	2394041	2394091	-	6	2	R.QDLVYEKEDLLISGPGK.Y	21
PHEAT-3849	proteomics_heat	2394041	2394094	-	6	3	K.RQDLVYEKEDLLISGPGK.Y	22
PHEAT-3850	proteomics_heat	2394092	2394178	-	6	4	R.CIFCGLCEEACPTTAIQLTPDFEMGEYKR.Q	33
PHEAT-3851	proteomics_heat	2395476	2395616	-	4	5	R.VSFSYDGNVTVLPVEIAEGLTAGQVGLPMGMSGIAPVLAGAHLEDLK.E	51
PHEAT-3852	proteomics_heat	2395707	2395754	-	4	4	R.IAPYYHLFGSDELSQR.A	20
PHEAT-3853	proteomics_heat	2395782	2395835	-	4	5	R.LFETSENGLDYFTSVPAR.F	22
PHEAT-3854	proteomics_heat	2395887	2395943	-	4	7	R.SQVPFAWAPGWNSPQAWNK.F	23
PHEAT-3855	proteomics_heat	2396013	2396039	-	4	5	R.ANISVHEPR.Q	13
PHEAT-3856	proteomics_heat	2396100	2396126	-	4	3	K.DAAPDATFR.I	13
PHEAT-3857	proteomics_heat	2396100	2396150	-	4	6	K.IPELAGIKDAAPDATFR.I	21
PHEAT-3858	proteomics_heat	2396151	2396201	-	4	13	R.EVDWTQLDHDVIDAVVAK.I	21
PHEAT-3859	proteomics_heat	2396397	2396429	-	4	5	K.APLVMVVDHQR.T	15
PHEAT-3860	proteomics_heat	2396469	2396507	-	4	2	R.ADAVVVLENDLHR.H	17
PHEAT-3861	proteomics_heat	2396508	2396585	-	4	11	R.SVNSMGLGIMGGGSLEEALTELETGR.A	30
PHEAT-3862	proteomics_heat	2396634	2396705	-	4	24	K.KPLIISGTNAGSLEVIQAAANVAK.A	28
PHEAT-3863	proteomics_heat	2396742	2396798	-	4	2	H.ALDNSAPAVDGIPELQSK.I	23
PHEAT-3864	proteomics_heat	2396742	2396810	-	4	2	F.AIAHALDNSAPAVDGIPELQSK.I	27
PHEAT-3865	proteomics_heat	2396742	2396819	-	4	8	R.LGFIAHALDNSAPAVDGIPELQSK.I	30
PHEAT-3866	proteomics_heat	2396874	2396909	-	4	2	K.HPLFVTNVDDTR.L	16
PHEAT-3867	proteomics_heat	2396916	2396960	-	4	3	K.VADWQIAAILNIGQR.A	19
PHEAT-3868	proteomics_heat	2397087	2397116	-	4	2	R.EGGIYTPALR.E	14
PHEAT-3869	proteomics_heat	2397144	2397200	-	4	3	R.ELVGEENFYTGIAHGEQER.L	23
PHEAT-3870	proteomics_heat	2397267	2397332	-	4	6	R.RGDDFITLNAEQAMQGAADILR.Q	26
PHEAT-3871	proteomics_heat	2397360	2397386	-	4	2	R.FGYGYVNLK.D	13
PHEAT-3872	proteomics_heat	2397393	2397431	-	4	5	R.YNGTVNHYFLCDR.G	17
PHEAT-3873	proteomics_heat	2397462	2397536	-	4	4	R.KWDMQFAPSICQQCSIGCNISPGER.Y	29
PHEAT-3874	proteomics_heat	2397738	2397779	-	4	6	R.NQDLGPFISHMNR.C	18
PHEAT-3875	proteomics_heat	2397933	2397986	-	4	3	C.MTPASDGTFFISIDDEEAK.Q	22
PHEAT-3876	proteomics_heat	2397933	2398001	-	4	5	R.LVMSCMTPASDGTFFISIDDEEAK.Q	27
PHEAT-3877	proteomics_heat	2398252	2398329	-	5	2	R.EEFEAGIKQPFSENTHLINGIQPNLLK.E	30
PHEAT-3878	proteomics_heat	2398252	2398338	-	5	2	K.YFREEFEAGIKQPFSENTHLINGIQPNLLK.E	33
PHEAT-3879	proteomics_heat	2398306	2398338	-	5	2	K.YFREEFEAGIK.Q	15
PHEAT-3880	proteomics_heat	2398339	2398392	-	5	5	K.TFCAHAPGAVEPLQSAIK.Y	22
PHEAT-3881	proteomics_heat	2398411	2398458	-	5	2	R.GEGQPGDIETLEQLCR.F	20
PHEAT-3882	proteomics_heat	2398534	2398557	-	5	3	R.NLEEFFAR.E	12
PHEAT-3883	proteomics_heat	2398558	2398617	-	5	16	R.LGTALAMAVDHEINMVSLVR.N	24
PHEAT-3884	proteomics_heat	2398630	2398713	-	5	2	K.AWQPGGAGTDFLTEAHLDPMEFESIGK.A	32
PHEAT-3885	proteomics_heat	2398732	2398764	-	5	2	R.EILEDYAGGMR.D	15
PHEAT-3886	proteomics_heat	2398765	2398812	-	5	9	R.VKNPGLWELPFGTTAR.E	20
PHEAT-3887	proteomics_heat	2398855	2398983	-	5	2	R.SKPPFPATSGAWGKPTCVNNVETLCNVPAILANGVEVYQNIISK.S	47
PHEAT-3888	proteomics_heat	2398999	2399046	-	5	3	R.YICGEETALINSLEGR.R	20
PHEAT-3889	proteomics_heat	2399104	2399145	-	5	2	R.RAIAEATEAGLLGK.N	18
PHEAT-3890	proteomics_heat	2399272	2399322	-	5	4	R.YLLCNADEMPEGTYKDR.L	21
PHEAT-3891	proteomics_heat	2399413	2399457	-	5	2	K.ALTGLSPDEIVNQVK.D	19
PHEAT-3892	proteomics_heat	2399413	2399460	-	5	7	R.KALTGLSPDEIVNQVK.D	20

PHEAT-3893	proteomics_heat	2399488	2399529	-	5	4	R.LRDDKQPVWLDEYR.S	18
PHEAT-3894	proteomics_heat	2399530	2399559	-	5	4	R.TPETHPLTWR.L	14
PHEAT-3895	proteomics_heat	2399583	2399657	-	4	2	K.GPNMMIDEDTHAHLTPPEAIPELLER.Y	29
PHEAT-3896	proteomics_heat	2399700	2399738	-	4	4	K.LNIKPGQTTFDGR.F	17
PHEAT-3897	proteomics_heat	2399742	2399804	-	4	7	R.YCDSVVCHINGYQGIQAALK.K	25
PHEAT-3898	proteomics_heat	2400018	2400074	-	4	4	I.MHENQQPQTEAFELSAER.E	23
PHEAT-3899	proteomics_heat	2400149	2400193	-	6	9	R.TPSFAHLQQIPAAIR.G	19
PHEAT-3900	proteomics_heat	2400206	2400256	-	6	4	K.GINSYYLTS DGSTMSYR.T	21
PHEAT-3901	proteomics_heat	2400359	2400397	-	6	2	K.ADHPLTTPPKER.T	17
PHEAT-3902	proteomics_heat	2400365	2400397	-	6	5	K.ADHPLTTPPK.E	15
PHEAT-3903	proteomics_heat	2400398	2400442	-	6	5	R.ILEQCLNNMPEGPFK.A	19
PHEAT-3904	proteomics_heat	2400482	2400559	-	6	3	K.ARPYSGYENFDPEIPVGGVSDCYTR.V	30
PHEAT-3905	proteomics_heat	2400590	2400628	-	6	2	K.EALEWGTGAGLR.A	17
PHEAT-3906	proteomics_heat	2400758	2400787	-	6	5	R.IGGVAHDLPR.G	14
PHEAT-3907	proteomics_heat	2400809	2400844	-	6	2	K.IYDLVEAITGFR.M	16
PHEAT-3908	proteomics_heat	2400809	2400850	-	6	3	R.QKIYDLVEAITGFR.M	18
PHEAT-3909	proteomics_heat	2401001	2401057	-	6	3	R.IEYLGCCVNEMPYVLAVEK.L	23
PHEAT-3910	proteomics_heat	2401001	2401093	-	6	2	R.QSWHSYIPYTDRIEYLGCCVNEMPYVLAVEK.L	35
PHEAT-3911	proteomics_heat	2401058	2401093	-	6	3	R.QSWHSYIPYTDRIEYLGCCVNEMPYVLAVEK.L	16
PHEAT-3912	proteomics_heat	2401118	2401183	-	6	10	R.IVLQLDGEIIVDCVPDIGYHHR.G	26
PHEAT-3913	proteomics_heat	2401184	2401255	-	6	14	R.GTENEDFMFLNLGNHPSAHGAFR.I	28
PHEAT-3914	proteomics_heat	2401184	2401258	-	6	2	K.RGTENEDFMFLNLGNHPSAHGAFR.I	29
PHEAT-3915	proteomics_heat	2401256	2401318	-	6	5	K.AKQDLEMEALTFKPEEWGMKR.G	25
PHEAT-3916	proteomics_heat	2401259	2401318	-	6	3	K.AKQDLEMEALTFKPEEWGMKR.R	24
PHEAT-3917	proteomics_heat	2401412	2401462	-	6	7	R.ETWDLFGITFDGHPNLR.R	21
PHEAT-3918	proteomics_heat	2401493	2401537	-	6	5	K.VALAENDLHVPTFK.L	19
PHEAT-3919	proteomics_heat	2401559	2401615	-	6	27	R.EGLPAADFSVFYHLISIDR.N	23
PHEAT-3920	proteomics_heat	2401631	2401654	-	6	2	F.DLHGMDER.L	12
PHEAT-3921	proteomics_heat	2401631	2401684	-	6	2	K.KLPKPYVMLFDLHGMDER.L	22
PHEAT-3922	proteomics_heat	2401685	2401717	-	6	2	R.EQLLEVGDFLK.K	15
PHEAT-3923	proteomics_heat	2401721	2401747	-	6	2	R.TGVPVWIK.R	13
PHEAT-3924	proteomics_heat	2401748	2401783	-	6	2	R.FGPDFTVQATR.T	16
PHEAT-3925	proteomics_heat	2401790	2401825	-	6	2	R.DHLDDPVIGELR.N	16
PHEAT-3926	proteomics_heat	2401826	2401864	-	6	5	M.TDLTAQEPAWQTR.D	17
PHEAT-3927	proteomics_heat	2402054	2402095	-	6	13	R.RPLSWVVGDDQGVYR.A	18
PHEAT-3928	proteomics_heat	2402486	2402512	-	6	2	K.LNDMVNWGR.K	13
PHEAT-3929	proteomics_heat	2402531	2402554	-	6	2	D.PLEQEVNK.N	12
PHEAT-3930	proteomics_heat	2402531	2402572	-	6	5	K.QEIVTDPLEQEVNK.N	18
PHEAT-3931	proteomics_heat	2402660	2402692	-	6	3	R.MNPETNSIANR.Q	15
PHEAT-3932	proteomics_heat	2402912	2402956	-	6	3	K.NVPFESGIDSVGSAR.L	19
PHEAT-3933	proteomics_heat	2402912	2402962	-	6	2	R.SKNVPFESGIDSVGSAR.L	21
PHEAT-3934	proteomics_heat	2404067	2404114	-	6	3	K.GEPIPLVLLDDPSPF.R.D	20
PHEAT-3935	proteomics_heat	2404427	2404468	-	6	4	K.LLTHEGIQLLYAR.K	18
PHEAT-3936	proteomics_heat	2404613	2404663	-	6	2	Y.MISANRPIINLDDL.R.T	21
PHEAT-3937	proteomics_heat	2409491	2409544	-	6	4	R.LNEVDLVLHSLEQITVTK.Q	22
PHEAT-3938	proteomics_heat	2409821	2409901	-	6	9	R.LEHIEATETEGITALPGAIALLSHLNK.A	31

PHEAT-3939	proteomics_heat	2409974	2410018	-	6	2	R.HGLAPEEVLAFIHGK.Q	19
PHEAT-3940	proteomics_heat	2410170	2410199	-	4	6	R.MLNVWHACPR.Q	14
PHEAT-3941	proteomics_heat	2410209	2410268	-	4	15	R.YTHFDAGTHGFNAQTPMWEK.Y	24
PHEAT-3942	proteomics_heat	2410227	2410268	-	4	2	R.YTHFDAGTHGFNAQ.T	18
PHEAT-3943	proteomics_heat	2410269	2410292	-	4	3	R.FMVNVEGR.Y	12
PHEAT-3944	proteomics_heat	2410311	2410349	-	4	2	R.VTFLGFDAATEAR.Y	17
PHEAT-3945	proteomics_heat	2410311	2410352	-	4	8	R.RVTFGLGFDAATEAR.Y	18
PHEAT-3946	proteomics_heat	2410437	2410481	-	4	6	R.ELDREFGELKEETCR.T	19
PHEAT-3947	proteomics_heat	2410482	2410502	-	4	2	R.GYGLQMR.E	11
PHEAT-3948	proteomics_heat	2410533	2410568	-	4	2	K.MMTMLDPANAER.Y	16
PHEAT-3949	proteomics_heat	2410593	2410616	-	4	2	T.MEMTNAQR.L	12
PHEAT-3950	proteomics_heat	2416941	2417018	-	4	89	K.DFLPGMLDATAGGVVQADEQLLESAR.R	30
PHEAT-3951	proteomics_heat	2416941	2417030	-	4	2	R.TETKDFLPGMLDATAGGVVQADEQLLESAR.R	34
PHEAT-3952	proteomics_heat	2416941	2417051	-	4	3	G.KILVQRRTETKDFLPGMLDATAGGVVQADEQLLESAR.R	41
PHEAT-3953	proteomics_heat	2417118	2417183	-	4	3	R.LASTEWVDIVNEENEVIAQASR.E	26
PHEAT-3954	proteomics_heat	2417118	2417186	-	4	3	R.RLASTEWVDIVNEENEVIAQASR.E	27
PHEAT-3955	proteomics_heat	2417358	2417402	-	4	8	R.GEIFHFNPGSVSIPK.G	19
PHEAT-3956	proteomics_heat	2417403	2417510	-	4	2	R.LFLTHGHLFGPENLPALNQNDVLVYGHTHLPVAEQR.G	40
PHEAT-3957	proteomics_heat	2417517	2417597	-	4	9	R.GNCDSEVDQMLLHFPITAPWQQVLEK.Q	31
PHEAT-3958	proteomics_heat	2417754	2417801	-	4	5	K.LMFASDIHGSLPATER.V	20
PHEAT-3959	proteomics_heat	2418118	2418156	-	5	2	R.EERPTDVVFAGAK.K	17
PHEAT-3960	proteomics_heat	2420857	2420910	-	5	2	L.QTGDAQRFRAFIGEIAER.A	22
PHEAT-3961	proteomics_heat	2421884	2421922	-	6	3	K.TMVVVTHEMGFAR.H	17
PHEAT-3962	proteomics_heat	2421953	2422036	-	6	6	R.ALAMEPEVLLFDEPTSALDPELVGEVLR.I	32
PHEAT-3963	proteomics_heat	2422052	2422087	-	6	5	K.YPVHLSGGQQQR.V	16
PHEAT-3964	proteomics_heat	2422493	2422528	-	6	2	M.SENKLNVIDLHK.R	16
PHEAT-3965	proteomics_heat	2424031	2424060	-	5	6	K.KYFDFDVYGG.-	14
PHEAT-3966	proteomics_heat	2424109	2424144	-	5	3	R.KEDNELREALNK.A	16
PHEAT-3967	proteomics_heat	2424145	2424177	-	5	6	K.LFGVGTGMGLR.K	15
PHEAT-3968	proteomics_heat	2424145	2424207	-	5	2	K.FGGPSVKDEKLFVGTGMGLR.K	25
PHEAT-3969	proteomics_heat	2424178	2424207	-	5	11	K.FGGPSVKDEK.L	14
PHEAT-3970	proteomics_heat	2424217	2424282	-	5	11	R.IDAAFQDEVAASEGFLKQPVGK.D	26
PHEAT-3971	proteomics_heat	2424232	2424282	-	5	13	R.IDAAFQDEVAASEGFLK.Q	21
PHEAT-3972	proteomics_heat	2424283	2424345	-	5	8	K.GIEIVSYQGQDNIYSDLTAGR.I	25
PHEAT-3973	proteomics_heat	2424346	2424405	-	5	7	R.VGVLQGTQTETFGNEHWAPK.G	24
PHEAT-3974	proteomics_heat	2424346	2424408	-	5	4	K.RVGVLQGTQTETFGNEHWAPK.G	25
PHEAT-3975	proteomics_heat	2424346	2424435	-	5	3	Q.PTVESLKGKRVGLQGTQTETFGNEHWAPK.G	34
PHEAT-3976	proteomics_heat	2424409	2424450	-	5	2	K.NSDIQPTVESLKGK.R	18
PHEAT-3977	proteomics_heat	2424415	2424450	-	5	3	K.NSDIQPTVESLK.G	16
PHEAT-3978	proteomics_heat	2424466	2424513	-	5	3	R.QQEIAFTDKLYAADSR.L	20
PHEAT-3979	proteomics_heat	2424487	2424516	-	5	7	K.RQQEIAFTDK.L	14
PHEAT-3980	proteomics_heat	2424514	2424558	-	5	17	K.KIDAIMSSLSITEKR.Q	19
PHEAT-3981	proteomics_heat	2424517	2424558	-	5	26	K.KIDAIMSSLSITEK.R	18
PHEAT-3982	proteomics_heat	2424565	2424624	-	5	15	R.INTQCTFVENPLDALIPSLK.A	24
PHEAT-3983	proteomics_heat	2424565	2424627	-	5	16	K.RINTQCTFVENPLDALIPSLK.A	25
PHEAT-3984	proteomics_heat	2424640	2424684	-	5	9	K.NSQGELVGFIDILAK.E	19

PHEAT-3985	proteomics_heat	2424685	2424723	-	5	14	R.IGTDPTYAPFESK.N	17
PHEAT-3986	proteomics_heat	2425235	2425285	-	6	2	R.LDAALQDEVAASEGFLK.Q	21
PHEAT-3987	proteomics_heat	2425286	2425354	-	6	2	R.SKGVDVVAYANQDLVYSDLAAGR.L	27
PHEAT-3988	proteomics_heat	2425355	2425411	-	6	6	K.HVGVLQGSTQEAYANETWR.S	23
PHEAT-3989	proteomics_heat	2425517	2425561	-	6	5	K.KIDAISSLSITDKR.Q	19
PHEAT-3990	proteomics_heat	2425688	2425726	-	6	3	R.IGDTTYAPFSSK.D	17
PHEAT-3991	proteomics_heat	2426331	2426378	-	4	2	K.TLSGIVHSYTDGLLTR.A	20
PHEAT-3992	proteomics_heat	2426746	2426784	-	5	2	R.QNEVENLEMHNEG.-	17
PHEAT-3993	proteomics_heat	2426812	2426853	-	5	5	K.DVDQGYLDFLDTLR.N	18
PHEAT-3994	proteomics_heat	2426854	2426916	-	5	5	R.AENPDIQQFECVFNQVYVTK.D	25
PHEAT-3995	proteomics_heat	2426917	2426979	-	5	20	R.QIIGADGLIFQDLNLDLIDAVR.A	25
PHEAT-3996	proteomics_heat	2426998	2427057	-	5	9	R.FPNVYQIDMPSATELIAHGR.E	24
PHEAT-3997	proteomics_heat	2427058	2427090	-	5	3	K.VYLASAAPEIR.F	15
PHEAT-3998	proteomics_heat	2427058	2427093	-	5	6	K.KVYLASAAPEIR.F	16
PHEAT-3999	proteomics_heat	2427109	2427144	-	5	3	R.GTTSEQIEMAR.E	16
PHEAT-4000	proteomics_heat	2427145	2427183	-	5	5	R.DKNVLLVDDSIIVR.G	17
PHEAT-4001	proteomics_heat	2427232	2427261	-	5	2	R.TFIMPGQQLR.R	14
PHEAT-4002	proteomics_heat	2427454	2427534	-	5	2	R.QCADNPVSNPCLFEYVYFARPDSEIDK.I	31
PHEAT-4003	proteomics_heat	2427535	2427591	-	5	16	R.DVAPGEAIYITEEGQLFTR.Q	23
PHEAT-4004	proteomics_heat	2427592	2427672	-	5	11	R.DIDENRTEYMVASESVALDTLGFDFLR.D	31
PHEAT-4005	proteomics_heat	2427775	2427828	-	5	23	R.HYPLEADNIFAAIAATNR.L	22
PHEAT-4006	proteomics_heat	2427829	2427897	-	5	61	R.HINTTSDSEILLNIFASELDNFR.H	27
PHEAT-4007	proteomics_heat	2427922	2428038	-	5	2	R.YPTAGSSSASEAQPFYVNSPYGITLAHNGNLTNAHELK.K	43
PHEAT-4008	proteomics_heat	2427925	2427990	-	5	3	Y.VNSPYGITLAHNGNLTNAHELK.K	26
PHEAT-4009	proteomics_heat	2427925	2428038	-	5	2	R.YPTAGSSSASEAQPFYVNSPYGITLAHNGNLTNAHELK.K	42
PHEAT-4010	proteomics_heat	2428039	2428071	-	5	2	R.LQGNMGIGHVR.Y	15
PHEAT-4011	proteomics_heat	2428084	2428122	-	5	6	R.KANGLVSDVFEAR.H	17
PHEAT-4012	proteomics_heat	2428129	2428179	-	5	4	R.GQDAAGIITIDANNCFR.L	21
PHEAT-4013	proteomics_heat	2428180	2428227	-	5	2	M.PVNQSIYDALTVLQHR.G	20
PHEAT-4014	proteomics_heat	2428180	2428257	-	5	6	M.CGIVGIAGVMPVNQSIYDALTVLQHR.G	30
PHEAT-4015	proteomics_heat	2429218	2429250	-	5	5	K.NADKVNEIVGK.L	15
PHEAT-4016	proteomics_heat	2429251	2429280	-	5	2	K.AYVVQLGALK.N	14
PHEAT-4017	proteomics_heat	2429299	2429352	-	5	3	K.VEAPPAPKPEPKPVVEEK.A	22
PHEAT-4018	proteomics_heat	2429569	2429610	-	5	2	K.HYQDEFAAIPLVPK.A	18
PHEAT-4019	proteomics_heat	2430017	2430070	-	6	7	R.VIFDVAHNPHAAEYLTGR.M	22
PHEAT-4020	proteomics_heat	2430317	2430385	-	6	3	R.SEKPAIVGEPEMPSTIADVAQEK.G	27
PHEAT-4021	proteomics_heat	2430422	2430508	-	6	4	R.LDATNIVDADVAVVTSIALDHTDWLGPDR.E	33
PHEAT-4022	proteomics_heat	2430617	2430682	-	6	2	R.VQGQELPESAHASFAEIESAR.G	26
PHEAT-4023	proteomics_heat	2430887	2430949	-	6	3	R.TPQAASPLASWLSYLENLHSAK.T	25
PHEAT-4024	proteomics_heat	2431163	2431186	-	6	2	K.GAIDMIVR.R	12
PHEAT-4025	proteomics_heat	2431256	2431282	-	6	2	K.ALIGFAGPR.V	13
PHEAT-4026	proteomics_heat	2431283	2431378	-	6	40	R.GLPYISVLTDPTMGGVSASFAMLGDLNIAEPK.A	36
PHEAT-4027	proteomics_heat	2431412	2431450	-	6	4	R.MQEALMSLMQMAK.T	17
PHEAT-4028	proteomics_heat	2431451	2431516	-	6	4	R.AVEQALEDNCPICFSASGGAR.M	26
PHEAT-4029	proteomics_heat	2431613	2431648	-	6	5	K.ETGEKDALVVMK.G	16
PHEAT-4030	proteomics_heat	2431709	2431768	-	6	13	R.LHSLLEDGSLVELGSELEPK.D	24

PHEAT-4031	proteomics_heat	2431871	2431903	-	6	11	R.KASIPEGVWTK.C	15
PHEAT-4032	proteomics_heat	2433425	2433484	-	6	2	R.TDAGVHGTGQVVFETTALR.K	24
PHEAT-4033	proteomics_heat	2433485	2433535	-	6	3	K.ALSQVANEPITVFCAGR.T	21
PHEAT-4034	proteomics_heat	2433565	2433636	-	5	44	R.QFIKLRWALSTTAVSITAGNGRTK.S	28
PHEAT-4035	proteomics_heat	2433721	2433777	-	5	3	R.NDYGMPEQVQFWSVADNVR.F	23
PHEAT-4036	proteomics_heat	2434039	2434092	-	5	3	R.QLAFNMLPLLPDSEGSVR.E	22
PHEAT-4037	proteomics_heat	2434093	2434137	-	5	3	K.LLNGIPIDEEDFFGR.Q	19
PHEAT-4038	proteomics_heat	2434138	2434170	-	5	3	K.AVDALAGQSAK.L	15
PHEAT-4039	proteomics_heat	2434138	2434173	-	5	7	K.KAVDALAGQSAK.L	16
PHEAT-4040	proteomics_heat	2434174	2434215	-	5	2	R.ISVTSLSISASAQ GK.K	18
PHEAT-4041	proteomics_heat	2434216	2434284	-	5	2	V.PDSLTSQLLAALKPLIDQGGLSR.I	27
PHEAT-4042	proteomics_heat	2434216	2434299	-	5	6	R.NVIAPDSLTSQLLAALKPLIDQGGLSR.I	32
PHEAT-4043	proteomics_heat	2434941	2434982	-	4	2	R.ITLHGPLDQPTLKR.L	18
PHEAT-4044	proteomics_heat	2434944	2434982	-	4	4	R.ITLHGPLDQPTLK.R	17
PHEAT-4045	proteomics_heat	2434983	2435045	-	4	8	K.FIGHEQHVALDTLLPAPEFGR.I	25
PHEAT-4046	proteomics_heat	2435085	2435132	-	4	4	K.VDIGTSHIAGYTLEGK.A	20
PHEAT-4047	proteomics_heat	2435085	2435135	-	4	9	K.KVDIGTSHIAGYTLEGK.A	21
PHEAT-4048	proteomics_heat	2435196	2435249	-	4	4	R.GAVVDNTALLTCLNEGQK.L	22
PHEAT-4049	proteomics_heat	2435250	2435288	-	4	11	R.SLKPGAILINACR.G	17
PHEAT-4050	proteomics_heat	2435298	2435321	-	4	2	K.TLHLADEK.L	12
PHEAT-4051	proteomics_heat	2435337	2435372	-	4	2	R.ADILTFHTPLFK.D	16
PHEAT-4052	proteomics_heat	2435640	2435693	-	4	3	K.FVGTATAGTDHVDEAWLK.Q	22
PHEAT-4053	proteomics_heat	2435694	2435729	-	4	3	K.VNESLLAGKPIK.F	16
PHEAT-4054	proteomics_heat	2435742	2435819	-	4	5	R.LGEVTAVPGRPIPVAQLADADALMVR.S	30
PHEAT-4055	proteomics_heat	2438422	2438487	-	5	5	R.ELTTVMSNSFGFGGTNATLVMR.K	26
PHEAT-4056	proteomics_heat	2438644	2438667	-	5	2	K.SPAISATK.A	12
PHEAT-4057	proteomics_heat	2438644	2438685	-	5	10	R.EVFGDKSPAISATK.A	18
PHEAT-4058	proteomics_heat	2438704	2438778	-	5	2	M.AMHGVDTPIDYLNHGTSTPVGDK.E	29
PHEAT-4059	proteomics_heat	2438704	2438781	-	5	17	K.MAMHGVDTPIDYLNHGTSTPVGDK.E	30
PHEAT-4060	proteomics_heat	2438791	2438880	-	5	2	R.GAHIYAEIVGYGATSDGADMVAPSGEAVR.C	34
PHEAT-4061	proteomics_heat	2438881	2438949	-	5	80	R.DGFVIAGGGGMVVVEELEHALAR.G	27
PHEAT-4062	proteomics_heat	2438881	2438967	-	5	7	R.TYDAHRDGFVIAGGGGMVVVEELEHALAR.G	33
PHEAT-4063	proteomics_heat	2439085	2439156	-	5	2	Y.SISSACATSAHCIGNAVEQIQLGK.Q	28
PHEAT-4064	proteomics_heat	2439085	2439174	-	5	100	K.IHGVNYSISSACATSAHCIGNAVEQIQLGK.Q	34
PHEAT-4065	proteomics_heat	2439124	2439174	-	5	7	K.IHGVNYSISSACATSAH.C	21
PHEAT-4066	proteomics_heat	2439175	2439219	-	5	7	K.AMASGVSACLATPFK.I	19
PHEAT-4067	proteomics_heat	2439265	2439294	-	5	2	R.FQVFGADAMR.G	14
PHEAT-4068	proteomics_heat	2439295	2439333	-	5	3	R.VGLIAGSGGGSPR.F	17
PHEAT-4069	proteomics_heat	2439334	2439429	-	5	5	R.FMSDASIYAFLSMEQAIADAGLSPEAYQNNPR.V	36
PHEAT-4070	proteomics_heat	2439439	2439468	-	5	4	K.LDTTGLIDRK.V	14
PHEAT-4071	proteomics_heat	2439442	2439468	-	5	6	K.LDTTGLIDR.K	13
PHEAT-4072	proteomics_heat	2439469	2439492	-	5	2	R.SHVWGNVK.L	12
PHEAT-4073	proteomics_heat	2439508	2439537	-	5	4	R.SGITFSQELK.D	14
PHEAT-4074	proteomics_heat	2439547	2439618	-	5	30	R.AVITGLGIVSSIGNNQEVLASLR.E	28
PHEAT-4075	proteomics_heat	2439547	2439621	-	5	5	K.RAVITGLGIVSSIGNNQEVLASLR.E	29
PHEAT-4076	proteomics_heat	2440657	2440737	-	5	2	R.VCLITDTAPPGDRCRKHVPVRGPHPRNKA.L	31

PHEAT-4077	proteomics_heat	2441973	2442002	-	4	4	K.AIGAGELSPR.D	14
PHEAT-4078	proteomics_heat	2442003	2442095	-	4	8	R.GHLTLAIAELESRDDHSAQAVHTTVSQSLEK.A	35
PHEAT-4079	proteomics_heat	2442096	2442167	-	4	2	R.ILALIDGMVDHASDDELFFASGYLR.G	28
PHEAT-4080	proteomics_heat	2444458	2444514	-	5	13	R.AVPIAEAMLAIVLMDHLLR.Q	23
PHEAT-4081	proteomics_heat	2444539	2444589	-	5	17	G.RTINRFGEVEMITKGR.H	21
PHEAT-4082	proteomics_heat	2444587	2444628	-	5	3	H.MALKPTSSITVPGR.T	18
PHEAT-4083	proteomics_heat	2444587	2444700	-	5	3	K.DGFQSNHAGGILGGISSGQQIIAHMALKPTSSITVPGR.T	42
PHEAT-4084	proteomics_heat	2444629	2444700	-	5	2	K.DGFQSNHAGGILGGISSGQQIIAH.M	28
PHEAT-4085	proteomics_heat	2444731	2444772	-	5	2	K.GVEIGDGFVVALR.G	18
PHEAT-4086	proteomics_heat	2444773	2444820	-	5	2	R.LDADIAHALMSINAVK.G	20
PHEAT-4087	proteomics_heat	2444773	2444877	-	5	7	K.VTVVASGVPAVLGEPVFDRLDADIAHALMSINAVK.G	39
PHEAT-4088	proteomics_heat	2445154	2445198	-	5	3	K.DVFRPGHADYTYEQK.Y	19
PHEAT-4089	proteomics_heat	2445154	2445222	-	5	6	R.SQDYSAIKDVFRPGHADYTYEQK.Y	27
PHEAT-4090	proteomics_heat	2445791	2445868	-	6	3	K.VQYDLIVTNPYPVDAEDMSDLPNEYR.H	30
PHEAT-4091	proteomics_heat	2446091	2446120	-	6	3	R.SPIGELINNK.F	14
PHEAT-4092	proteomics_heat	2446136	2446174	-	6	3	K.AWFCGHEFYVDER.V	17
PHEAT-4093	proteomics_heat	2446175	2446201	-	6	4	R.IPVAYLTNK.A	13
PHEAT-4094	proteomics_heat	2446400	2446453	-	6	13	K.IFVDEAVNELQTIQDMLR.W	22
PHEAT-4095	proteomics_heat	2454739	2454813	-	5	4	R.HGDAALDAASDSVRPLTTNGCDESR.L	29
PHEAT-4096	proteomics_heat	2455190	2455252	-	6	2	R.DGDIGAVFGIGFPPFLGGPFR.Y	25
PHEAT-4097	proteomics_heat	2457292	2457384	-	5	3	R.AHATGEVDDSKFNVLGGSIAYGHPFAATGAR.M	35
PHEAT-4098	proteomics_heat	2458807	2458845	-	5	3	R.AEAEQTLAALTEK.A	17
PHEAT-4099	proteomics_heat	2458861	2458947	-	5	2	K.CSADETPVCCCMDVGTIMDNSDCTASYSR.V	33
PHEAT-4100	proteomics_heat	2460651	2460698	-	4	8	Y.AGDFIQANALSERVVK.V	20
PHEAT-4101	proteomics_heat	2462418	2462450	-	4	2	R.AQLLSDGLLR.Q	15
PHEAT-4102	proteomics_heat	2462553	2462633	-	4	2	R.FGSTLGHYGVGYGPYVQLPFYGSFTLR.D	31
PHEAT-4103	proteomics_heat	2462583	2462633	-	4	2	R.FGSTLGHYGVGYGPYVQ.L	21
PHEAT-4104	proteomics_heat	2462724	2462825	-	4	6	R.NGLSNFTGNLEEPAVMVNYFLQDPYQGMVHFTR.F	38
PHEAT-4105	proteomics_heat	2466691	2466759	-	5	5	K.RFRSGISLIFSTTSRLISLKSPT.F	27
PHEAT-4106	proteomics_heat	2476870	2476920	-	5	10	I.RATNQARRIGCICILER.I	21
PHEAT-4107	proteomics_heat	2495199	2495252	-	4	2	K.VCVSPGIGFGDYGDTHVR.F	22
PHEAT-4108	proteomics_heat	2495343	2495381	-	4	2	K.GLHEAGWMVEMPK.A	17
PHEAT-4109	proteomics_heat	2495829	2495876	-	4	2	R.SVPLVEGVDFFNELER.A	20
PHEAT-4110	proteomics_heat	2496096	2496146	-	4	3	K.LCTVAQRPDTHGYSTR.G	21
PHEAT-4111	proteomics_heat	2496147	2496218	-	4	2	R.RGEDIIDFSMGNPDGATPPHIVEK.L	28
PHEAT-4112	proteomics_heat	2496234	2496281	-	4	4	R.IDRLPPYVFNITAEK.M	20
PHEAT-4113	proteomics_heat	2497473	2497520	-	4	8	R.LTGSRAVEVIAILVM.F	20
PHEAT-4114	proteomics_heat	2499665	2499760	-	6	2	R.HALAGERLGIILNPVTNAVIEKIAARLRIAR.R	36
PHEAT-4115	proteomics_heat	2506507	2506584	-	5	5	K.EYVHDIPVYLIVHDNPGLLGSAHLR.Q	30
PHEAT-4116	proteomics_heat	2506756	2506785	-	5	4	R.ALADSCTDCR.R	14
PHEAT-4117	proteomics_heat	2506756	2506788	-	5	2	E.RALADSCTDCR.R	15
PHEAT-4118	proteomics_heat	2506801	2506836	-	5	2	K.ADNRLPENLKP.K.D	16
PHEAT-4119	proteomics_heat	2506849	2506884	-	5	2	R.VLSGPGVLVNLVYR.A	16
PHEAT-4120	proteomics_heat	2506885	2506914	-	5	6	R.AEIGHVSAER.V	14
PHEAT-4121	proteomics_heat	2506915	2506998	-	5	16	R.WVSLPGEGGHVDFAPNSEEEAILEILR.A	32
PHEAT-4122	proteomics_heat	2507356	2507400	-	5	2	R.LALCDIASGEISQAK.T	19

PHEAT-4123	proteomics_heat	2507401	2507439	-	5	2	K.YALVGDVGGTNAR.L	17
PHEAT-4124	proteomics_heat	2514805	2514840	-	5	2	R.ALEQAPEQEAGK.S	16
PHEAT-4125	proteomics_heat	2514841	2514891	-	5	4	R.WHLQALTDPLTLLPNFR.A	21
PHEAT-4126	proteomics_heat	2517345	2517407	-	4	6	R.VAVTGAGQSPALDVTVAIGK.T	25
PHEAT-4127	proteomics_heat	2517357	2517407	-	4	2	R.VAVTGAGQSPALDVTVA.A	21
PHEAT-4128	proteomics_heat	2517426	2517512	-	4	16	K.LAAITDWAENVHHAIQATADELEVGMGK.V	33
PHEAT-4129	proteomics_heat	2517426	2517518	-	4	2	R.DKLAITDWAENVHHAIQATADELEVGMGK.V	35
PHEAT-4130	proteomics_heat	2517561	2517608	-	4	11	R.YFYEDFAEFDADAACK.H	20
PHEAT-4131	proteomics_heat	2517660	2517689	-	4	2	R.NGPQLADLVK.L	14
PHEAT-4132	proteomics_heat	2517789	2517815	-	4	2	K.SASAFNTDK.L	13
PHEAT-4133	proteomics_heat	2517816	2517842	-	4	4	K.YFTLNAVSK.S	13
PHEAT-4134	proteomics_heat	2517843	2517896	-	4	2	R.LGWSHGDQEIFREEMIK.Y	22
PHEAT-4135	proteomics_heat	2517858	2517896	-	4	6	R.LGWSHGDQEIFTR.E	17
PHEAT-4136	proteomics_heat	2517897	2517941	-	4	8	R.DDGYPALLNYLVR.L	19
PHEAT-4137	proteomics_heat	2517897	2517971	-	4	2	R.HGAVSVMQYRDDGYLPEALLNYLVR.L	29
PHEAT-4138	proteomics_heat	2517942	2517971	-	4	4	R.HGAVSVMQYR.D	14
PHEAT-4139	proteomics_heat	2517984	2518040	-	4	3	K.APVPVYAHVSMINGDDGKK.L	23
PHEAT-4140	proteomics_heat	2517987	2518040	-	4	2	K.APVPVYAHVSMINGDDGK.K	22
PHEAT-4141	proteomics_heat	2518068	2518097	-	4	14	R.GEDHINNTPR.Q	14
PHEAT-4142	proteomics_heat	2518098	2518172	-	4	8	R.TDGSPTYNFCVVDDWDMETHVIR.G	29
PHEAT-4143	proteomics_heat	2518098	2518175	-	4	6	R.RTDGSPTYNFCVVDDWDMETHVIR.G	30
PHEAT-4144	proteomics_heat	2518176	2518223	-	4	7	R.GPIEFNSQELDDLIIR.R	20
PHEAT-4145	proteomics_heat	2518176	2518271	-	4	3	R.FANPQEGSVVFDDQIRGPIEFNSQELDDLIIR.R	36
PHEAT-4146	proteomics_heat	2518224	2518271	-	4	6	R.FANPQEGSVVFDDQIR.G	20
PHEAT-4147	proteomics_heat	2518350	2518382	-	4	3	R.LEALREEQMAK.G	15
PHEAT-4148	proteomics_heat	2518350	2518388	-	4	2	K.ERLEALREEQMAK.G	17
PHEAT-4149	proteomics_heat	2518404	2518451	-	4	8	R.YNAVIDQMLEEGTAYK.C	20
PHEAT-4150	proteomics_heat	2518404	2518460	-	4	3	R.FDRYNAVIDQMLEEGTAYK.C	23
PHEAT-4151	proteomics_heat	2518551	2518574	-	4	5	R.IEDTDLER.S	12
PHEAT-4152	proteomics_heat	2518575	2518601	-	4	2	R.NHGGEFVLR.I	13
PHEAT-4153	proteomics_heat	2518602	2518631	-	4	4	R.TALYSWLFAR.N	14
PHEAT-4154	proteomics_heat	2518632	2518676	-	4	5	R.FAPSPTYLHVGGAR.T	19
PHEAT-4155	proteomics_heat	2526255	2526296	-	4	5	K.KTDLVIAGEAAGSK.L	18
PHEAT-4156	proteomics_heat	2526318	2526389	-	4	4	V.VLTGSLSQMSRDDAKARLVELGAK.V	28
PHEAT-4157	proteomics_heat	2526489	2526554	-	4	3	K.VPDVGIVVASHVHNFFAEESNR.N	26
PHEAT-4158	proteomics_heat	2526555	2526644	-	4	4	R.EVGEATAAGLAAYFGTLEALEAASIEELQK.V	34
PHEAT-4159	proteomics_heat	2527101	2527172	-	4	7	R.LEPVHVAGVLVSNATLHNADEIER.L	28
PHEAT-4160	proteomics_heat	2527284	2527328	-	4	2	K.VNSLAQQEQLGFVAR.A	19
PHEAT-4161	proteomics_heat	2527329	2527382	-	4	4	K.VEEDRPTLGFIDGVVIK.V	22
PHEAT-4162	proteomics_heat	2527473	2527547	-	4	9	K.RPLTFFCYGVVLEGGELPDTHLGR.L	29
PHEAT-4163	proteomics_heat	2527698	2527724	-	4	2	K.LHGENIPAR.L	13
PHEAT-4164	proteomics_heat	2528016	2528069	-	4	2	R.ELETKHPELITPDSPTQR.V	22
PHEAT-4165	proteomics_heat	2528088	2528150	-	4	2	R.HHEYLYHVMDAPEIPDAEYDR.L	25
PHEAT-4166	proteomics_heat	2528338	2528406	-	5	5	K.LMLQSAQHIADEVGGVLLDDQRR.M	27
PHEAT-4167	proteomics_heat	2528407	2528478	-	5	8	K.DFTTPGVTIFMQVPSYGDELQNFK.L	28
PHEAT-4168	proteomics_heat	2528479	2528562	-	5	8	R.HLSPDGGSPALFSLANMVKPGTFDPEMK.D	32

PHEAT-4169	proteomics_heat	2528950	2529000	-	5	2	R.PSPQHQQPPYASAPR.Q	21
PHEAT-4170	proteomics_heat	2529055	2529111	-	5	4	R.DDDSYDEDVEDDEGVGEVR.V	23
PHEAT-4171	proteomics_heat	2534525	2534572	-	6	4	K.GTGDLFCAQLISGLLK.G	20
PHEAT-4172	proteomics_heat	2534714	2534743	-	6	5	R.DLDSAIAAAK.S	14
PHEAT-4173	proteomics_heat	2534753	2534821	-	6	7	R.QYLLPLAQGITPNIFEILEITGK.N	27
PHEAT-4174	proteomics_heat	2534918	2534947	-	6	3	K.ILAEWLTALR.K	14
PHEAT-4175	proteomics_heat	2536697	2536750	-	6	4	R.YLSTGVFGEEHFSQGAGI.-	22
PHEAT-4176	proteomics_heat	2536811	2536864	-	6	2	R.EGIFCGVSSGGAVAGALR.V	22
PHEAT-4177	proteomics_heat	2536901	2536972	-	6	13	R.WPTEYLPGIFNASLVDEVLDIHQR.D	28
PHEAT-4178	proteomics_heat	2536976	2537044	-	6	6	R.EQSKPVTIVGLQPEEGSSIPGIR.R	27
PHEAT-4179	proteomics_heat	2537054	2537110	-	6	6	R.ITHFVSSMGTTGTITGVS.R	23
PHEAT-4180	proteomics_heat	2537071	2537133	-	5	5	K.SGSKPAGASLILSPAAGR.PAL.S	25
PHEAT-4181	proteomics_heat	2537210	2537236	-	6	5	R.DLALEMANR.G	13
PHEAT-4182	proteomics_heat	2537357	2537440	-	6	6	R.GEIKPGDVLIATSGNTGIALAMIAALK.G	32
PHEAT-4183	proteomics_heat	2537357	2537443	-	6	38	K.RGEIKPGDVLIATSGNTGIALAMIAALK.G	33
PHEAT-4184	proteomics_heat	2537477	2537515	-	6	3	K.LEGNNPAGSVKDR.A	17
PHEAT-4185	proteomics_heat	2537483	2537515	-	6	3	K.LEGNNPAGSVK.D	15
PHEAT-4186	proteomics_heat	2537832	2537930	-	4	3	K.GHYTQLVVQPLGWYNEPLTVVMHGDDAPQRGER.L	37
PHEAT-4187	proteomics_heat	2537841	2537930	-	4	2	K.GHYTQLVVQPLGWYNEPLTVVMHGDDAPQR.G	34
PHEAT-4188	proteomics_heat	2537931	2537984	-	4	3	R.RTSLDSPLPVQVLEASPK.G	22
PHEAT-4189	proteomics_heat	2537985	2538062	-	4	5	R.WPLGYTPAYQGPVDLFLRPWEVDISR.R	30
PHEAT-4190	proteomics_heat	2538144	2538218	-	4	2	R.VVMSQGNIEQADAPDQVWREPATR.F	29
PHEAT-4191	proteomics_heat	2538159	2538218	-	4	3	R.VVMSQGNIEQADAPDQVWR.E	24
PHEAT-4192	proteomics_heat	2538321	2538389	-	4	8	R.ALAVEPQIILLDEPFGALDAQVR.K	27
PHEAT-4193	proteomics_heat	2538411	2538479	-	4	7	K.LLEMVQLAHLADRYPAQLSGGQK.Q	27
PHEAT-4194	proteomics_heat	2538525	2538575	-	4	8	R.HMTVFDNIAFGLTVLPR.R	21
PHEAT-4195	proteomics_heat	2538576	2538611	-	4	2	K.VGFVFQHYALFR.H	16
PHEAT-4196	proteomics_heat	2538588	2538611	-	4	2	K.VGFVFQHY.A	12
PHEAT-4197	proteomics_heat	2538633	2538656	-	4	6	R.FHGTDVSR.L	12
PHEAT-4198	proteomics_heat	2538657	2538698	-	4	3	R.IIAGLEHQTSQHIR.F	18
PHEAT-4199	proteomics_heat	2538714	2538794	-	4	5	R.TQVLNDISLDIPSGQMVALLGPGSGSK.T	31
PHEAT-4200	proteomics_heat	2539914	2539973	-	4	3	K.VVLPALVAGVALSFTR.S	24
PHEAT-4201	proteomics_heat	2540537	2540590	-	6	3	K.THFTSGGELDKLLAAGR.N.-	22
PHEAT-4202	proteomics_heat	2540558	2540590	-	6	5	K.THFTSGGELDK.L	15
PHEAT-4203	proteomics_heat	2540591	2540629	-	6	2	R.VEDKFGSWPEVMK.T	17
PHEAT-4204	proteomics_heat	2540666	2540692	-	6	4	R.VNNPEVMDK.L	13
PHEAT-4205	proteomics_heat	2540693	2540755	-	6	4	K.AYLNWLYSPQAQTITDYYYYR.V	25
PHEAT-4206	proteomics_heat	2540792	2540833	-	6	3	K.TNILAEFPVAWVDK.N	18
PHEAT-4207	proteomics_heat	2540834	2540875	-	6	3	R.KQYEAQGFVVIK.T	18
PHEAT-4208	proteomics_heat	2540873	2540926	-	6	19	R.GLGDVLISFESEVNNIRK.Q	22
PHEAT-4209	proteomics_heat	2540876	2540926	-	6	12	R.GLGDVLISFESEVNNIR.K	21
PHEAT-4210	proteomics_heat	2540984	2541013	-	6	2	K.TEQFMTQFLK.N	14
PHEAT-4211	proteomics_heat	2541125	2541154	-	6	4	K.NIHDWNDLVR.S	14
PHEAT-4212	proteomics_heat	2541170	2541220	-	6	5	R.LPNNSSPFYSTMGFLVR.K	21
PHEAT-4213	proteomics_heat	2541254	2541307	-	6	9	K.ADVVTYNQVTDVQILHDK.G	22
PHEAT-4214	proteomics_heat	2541308	2541337	-	6	4	K.QALAILQGLK.A	14

PHEAT-4215	proteomics_heat	2541362	2541391	-	6	5	K.DNGGDKLTIK.Q	14
PHEAT-4216	proteomics_heat	2541392	2541439	-	6	5	R.ELFAALNPPFEQQWAK.D	20
PHEAT-4217	proteomics_heat	2541440	2541475	-	6	4	A.TELLNSSYDVSR.E	16
PHEAT-4218	proteomics_heat	2542514	2542561	-	6	4	R.HGANLILLDISPEIEK.L	20
PHEAT-4219	proteomics_heat	2547683	2547733	-	6	5	R.FTKPVTGGYYFAPSLDK.L	21
PHEAT-4220	proteomics_heat	2547749	2547805	-	6	12	R.LHNIEQQLLSMFGDTDGKR.D	23
PHEAT-4221	proteomics_heat	2547752	2547805	-	6	3	R.LHNIEQQLLSMFGDTDGK.R	22
PHEAT-4222	proteomics_heat	2547890	2547913	-	6	2	R.VDLKEDGK.G	12
PHEAT-4223	proteomics_heat	2547914	2547976	-	6	6	R.TKEANEEIDGDERPETSHLTR.V	25
PHEAT-4224	proteomics_heat	2547977	2548012	-	6	6	R.MSVHDQEMVIGR.T	16
PHEAT-4225	proteomics_heat	2548043	2548084	-	6	5	K.DGVDAGGSYVQVQR.W	18
PHEAT-4226	proteomics_heat	2548106	2548159	-	6	13	R.DLSGFVDGTENPAGEETR.R	22
PHEAT-4227	proteomics_heat	2548262	2548315	-	6	19	K.GLAPTTQFDVLIHILSLR.H	22
PHEAT-4228	proteomics_heat	2548316	2548372	-	6	3	R.ALSGGVGAEEKDFPGYGK.G	23
PHEAT-4229	proteomics_heat	2548337	2548372	-	6	2	R.ALSGGVGAEEK.D	16
PHEAT-4230	proteomics_heat	2548373	2548426	-	6	6	K.FPDAHLGAVVAFGNNTWR.A	22
PHEAT-4231	proteomics_heat	2548526	2548564	-	6	7	M.SQVQSGILPEHCR.A	17
PHEAT-4232	proteomics_heat	2548738	2548785	-	5	2	K.AEGSQHISYQFSGEWR.G	20
PHEAT-4233	proteomics_heat	2548876	2548920	-	5	3	R.IDVLDSIPADTGVK.I	19
PHEAT-4234	proteomics_heat	2548921	2548971	-	5	5	K.GDNVAMVINGDQGTISR.I	21
PHEAT-4235	proteomics_heat	2549032	2549118	-	5	3	K.VSEQVGELTASTPLQEQAADALDGDYR.L	33
PHEAT-4236	proteomics_heat	2549762	2549800	-	6	2	R.LGYEHADVLSL GK.R	17
PHEAT-4237	proteomics_heat	2549801	2549854	-	6	2	K.IQINVPEDNDMVLGMYER.L	22
PHEAT-4238	proteomics_heat	2549924	2549962	-	6	3	R.GSAYYLGVHPEFR.G	17
PHEAT-4239	proteomics_heat	2554132	2554221	-	5	3	R.SLYAGAAHGSPSTAGEVLIMLGGPNPAEVR.A	34
PHEAT-4240	proteomics_heat	2555685	2555753	-	4	2	R.HYDPFIVNTVVGFIGPEYLYNDR.Q	27
PHEAT-4241	proteomics_heat	2556570	2556617	-	4	2	R.SGDVLGVAASSQER.V	20
PHEAT-4242	proteomics_heat	2570278	2570313	-	5	4	K.AATDAGAAAQR.I	16
PHEAT-4243	proteomics_heat	2570792	2570866	-	6	2	R.RQKSSVSAHQSWWWMASYSLTPPSC.R	29
PHEAT-4244	proteomics_heat	2574123	2574176	-	4	2	R.RIVNMVALAVVEAQTQPL.-	22
PHEAT-4245	proteomics_heat	2574177	2574266	-	4	2	R.VSSSEGVTVGPVLMGVAKPVHVLTPIASVR.R	34
PHEAT-4246	proteomics_heat	2574363	2574431	-	4	3	R.ERAPELMIDGEMHGDAALVEAIR.N	27
PHEAT-4247	proteomics_heat	2574459	2574515	-	4	9	R.VALLSHSNFGSSDCPSSSK.M	23
PHEAT-4248	proteomics_heat	2574696	2574761	-	4	3	R.GEADAMICGTVGDIHEHFSVVK.N	26
PHEAT-4249	proteomics_heat	2574762	2574809	-	4	5	R.ALISNPTVIGAIMVQR.G	20
PHEAT-4250	proteomics_heat	2574843	2574881	-	4	5	R.FKEYWTEYFQIMK.R	17
PHEAT-4251	proteomics_heat	2574882	2574926	-	4	5	K.AGVDFEIVNNESDPR.F	19
PHEAT-4252	proteomics_heat	2574954	2575037	-	4	2	R.VLHATQELVTLGLAKPILIGRPNVIEMR.I	32
PHEAT-4253	proteomics_heat	2574969	2575037	-	4	2	R.VLHATQELVTLGLAKPILIGRPN.V	27
PHEAT-4254	proteomics_heat	2574993	2575037	-	4	3	R.VLHATQELVTLGLAK.P	19
PHEAT-4255	proteomics_heat	2575038	2575070	-	4	6	K.RVVLPEGEEAR.V	15
PHEAT-4256	proteomics_heat	2575083	2575121	-	4	7	K.TNLFMKPIFSQAR.K	17
PHEAT-4257	proteomics_heat	2575122	2575205	-	4	20	K.AAMESGVATRPIADFVYIDKLTEFVYK.T	32
PHEAT-4258	proteomics_heat	2575143	2575205	-	4	5	K.AAMESGVATRPIADFVYIDK.L	25
PHEAT-4259	proteomics_heat	2575368	2575412	-	4	4	R.GALDVGATAINEEMK.L	19
PHEAT-4260	proteomics_heat	2575467	2575502	-	4	4	K.EVRPDAIICTGR.S	16

PHEAT-4261	proteomics_heat	2575503	2575562	-	4	6	R.APMILALANPEPEILPPLAK.E	24
PHEAT-4262	proteomics_heat	2575572	2575598	-	4	2	K.VLTQEMVKK.M	13
PHEAT-4263	proteomics_heat	2575599	2575655	-	4	6	R.TLDDVIEGADIFLGCSGPK.V	23
PHEAT-4264	proteomics_heat	2575656	2575688	-	4	4	K.AAYAVVDDGKR.T	15
PHEAT-4265	proteomics_heat	2575689	2575733	-	4	2	K.GVIYQGREPNMAETK.A	19
PHEAT-4266	proteomics_heat	2575734	2575760	-	4	10	K.HNIVVCDISK.G	13
PHEAT-4267	proteomics_heat	2575863	2575940	-	4	31	R.MNIPVFHDDQHGTAIISTAAILNGLR.V	30
PHEAT-4268	proteomics_heat	2576118	2576210	-	4	24	R.GNLVAVISNGTAVLGLGNIGALAGKPVMEGK.G	35
PHEAT-4269	proteomics_heat	2576232	2576300	-	4	4	R.DLALAYSPGVAAPCLEIEKDPLK.A	27
PHEAT-4270	proteomics_heat	2576301	2576339	-	4	5	K.IQVSPTKPLATQR.D	17
PHEAT-4271	proteomics_heat	2576340	2576381	-	4	2	K.QSALDFHEFPVPGK.I	18
PHEAT-4272	proteomics_heat	2582093	2582137	-	6	7	N.VVVLGGGDTAMDCVR.T	19
PHEAT-4273	proteomics_heat	2582093	2582137	-	6	7	N.VVVLGGGDTAMDCVR.T	19
PHEAT-4274	proteomics_heat	2582504	2582560	-	6	13	R.VAIIGAGPAGLACADVLTR.N	23
PHEAT-4275	proteomics_heat	2582504	2582560	-	6	13	R.VAIIGAGPAGLACADVLTR.N	23
PHEAT-4276	proteomics_heat	2593968	2594009	-	4	2	R.VVPDSFTHGTSQQR.Y	18
PHEAT-4277	proteomics_heat	2594951	2594995	-	6	21	R.QSLGGLIEAYEAVAR.R	19
PHEAT-4278	proteomics_heat	2594951	2594998	-	6	2	F.RQSLGGLIEAYEAVAR.R	20
PHEAT-4279	proteomics_heat	2595017	2595043	-	6	7	R.LWDKETLEK.M	13
PHEAT-4280	proteomics_heat	2595044	2595088	-	6	12	K.GEVVLGDEFSPDGSR.L	19
PHEAT-4281	proteomics_heat	2595110	2595148	-	6	5	K.LFDDAGLILVDFK.L	17
PHEAT-4282	proteomics_heat	2595110	2595151	-	6	7	K.KLFDDAGLILVDFK.L	18
PHEAT-4283	proteomics_heat	2595170	2595190	-	6	4	R.MKELTYK.A	11
PHEAT-4284	proteomics_heat	2595206	2595271	-	6	17	K.NDAMHDPMVNESYCETFGWVSK.E	26
PHEAT-4285	proteomics_heat	2595272	2595328	-	6	150	R.LGIEEGIELNPPLFDLFLK.N	23
PHEAT-4286	proteomics_heat	2595272	2595331	-	6	30	K.RLGIEEGIELNPPLFDLFLK.N	24
PHEAT-4287	proteomics_heat	2595359	2595394	-	6	11	K.KLDMVPVECVVR.N	16
PHEAT-4288	proteomics_heat	2595395	2595424	-	6	2	R.LLSDTECLVK.K	14
PHEAT-4289	proteomics_heat	2595425	2595460	-	6	4	K.LAEAGIPTQMER.L	16
PHEAT-4290	proteomics_heat	2595461	2595484	-	6	3	K.FNYFIMSK.L	12
PHEAT-4291	proteomics_heat	2595554	2595601	-	6	36	K.TVYSTENPDLLVLEFR.N	20
PHEAT-4292	proteomics_heat	2595554	2595625	-	6	7	A.ELYRGKAKTVYSTENPDLLVLEFR.N	28
PHEAT-4293	proteomics_heat	2595856	2595921	-	5	27	K.GHTLTQSQNDALVAVFQAAFSK.-	26
PHEAT-4294	proteomics_heat	2595976	2596074	-	5	2	R.SQGNMAVTYKPLSDSDWQELGASDPGLASGDYK.L	37
PHEAT-4295	proteomics_heat	2596153	2596218	-	5	3	R.ASTTMDVQSAADDTGLPMLVVR.G	26
PHEAT-4296	proteomics_heat	2596219	2596254	-	5	5	K.SATDAANAAQNR.A	16
PHEAT-4297	proteomics_heat	2596255	2596299	-	5	3	R.YSTEMMNVISAGLDK.S	19
PHEAT-4298	proteomics_heat	2596300	2596356	-	5	5	K.LLNLEQAGKPVADAASMQR.Y	23
PHEAT-4299	proteomics_heat	2596357	2596407	-	5	8	R.YQISVKPQGYQAVTVK.L	21
PHEAT-4300	proteomics_heat	2596414	2596437	-	5	3	R.LDEDEQYR.G	12
PHEAT-4301	proteomics_heat	2596438	2596485	-	5	4	R.DDAGQTLTTDWVQWNR.L	20
PHEAT-4302	proteomics_heat	2596507	2596551	-	5	5	R.GNTLWPQVSVLQAK.N	19
PHEAT-4303	proteomics_heat	2596600	2596653	-	5	4	K.ALDIRPPAQPLALVSGAR.T	22
PHEAT-4304	proteomics_heat	2596654	2596788	-	5	2	R.QVSGDEAYLEAAPLAELHAPAGMILPVTSGDYAIPVTNMSGAVGK.A	49
PHEAT-4305	proteomics_heat	2596946	2596978	-	6	2	R.LPMPITDSDGR.E	15
PHEAT-4306	proteomics_heat	2596979	2597011	-	6	2	K.ELGLVATDTRL.L	15

PHEAT-4307	proteomics_heat	2597024	2597056	-	6	3	K.LFVEPNPIVK.W	15
PHEAT-4308	proteomics_heat	2597093	2597125	-	6	8	K.LAAEGHFAEAR.V	15
PHEAT-4309	proteomics_heat	2597126	2597146	-	6	3	R.DMAQMCK.L	11
PHEAT-4310	proteomics_heat	2597333	2597368	-	6	2	R.TGCDLLPETVGR.L	16
PHEAT-4311	proteomics_heat	2597369	2597422	-	6	9	K.AIAEHTDLPQILYNVPSR.T	22
PHEAT-4312	proteomics_heat	2597423	2597509	-	6	4	R.FNDSGIVGCLTVTPYYNRPSQEGLYQHFK.A	33
PHEAT-4313	proteomics_heat	2597510	2597572	-	6	7	R.IPVIAGTGANATAEAISLTQR.F	25
PHEAT-4314	proteomics_heat	2597735	2597782	-	6	6	P.MFTGSIVAIVTPMDEK.G	20
PHEAT-4315	proteomics_heat	2618271	2618381	-	4	18	K.AHPDVELYASIDQGLNEHGYIIPGLGDAGDKIFGTK.-	41
PHEAT-4316	proteomics_heat	2618286	2618381	-	4	3	K.AHPDVELYASIDQGLNEHGYIIPGLGDAGDK.I	36
PHEAT-4317	proteomics_heat	2618382	2618429	-	4	20	K.VLVLVAAPEGIAALEK.A	20
PHEAT-4318	proteomics_heat	2618451	2618522	-	4	33	R.MALIVDPMLATGGSVIATIDLLK.A	28
PHEAT-4319	proteomics_heat	2618454	2618522	-	4	97	R.MALIVDPMLATGGSVIATIDLLK.K	27
PHEAT-4320	proteomics_heat	2618523	2618546	-	4	6	K.LVSNIDER.M	12
PHEAT-4321	proteomics_heat	2618547	2618585	-	4	10	R.NEETLEPVYFQK.L	17
PHEAT-4322	proteomics_heat	2618610	2618660	-	4	6	R.AGLGMMDGVLENVPSAR.I	21
PHEAT-4323	proteomics_heat	2618661	2618687	-	4	3	K.KITVVPILR.A	13
PHEAT-4324	proteomics_heat	2618694	2618741	-	4	10	K.VTIEGWNGPVEIDQIK.G	20
PHEAT-4325	proteomics_heat	2618742	2618807	-	4	12	R.ELASEVGSLLTYEATADLETEK.V	26
PHEAT-4326	proteomics_heat	2618742	2618813	-	4	14	R.FRELADEVGSLLTYEATADLETEK.V	28
PHEAT-4327	proteomics_heat	2628983	2629030	-	6	7	R.VVYDISGKPPATIEWE.-	20
PHEAT-4328	proteomics_heat	2629031	2629060	-	6	2	R.IINEVNGISR.V	14
PHEAT-4329	proteomics_heat	2629073	2629138	-	6	11	R.AVETIDFMTAHWAHLPYDFLGR.V	26
PHEAT-4330	proteomics_heat	2629139	2629165	-	6	5	R.KYDWWVSLR.A	13
PHEAT-4331	proteomics_heat	2629193	2629228	-	6	4	K.VSQAFTVFLPVR.S	16
PHEAT-4332	proteomics_heat	2629193	2629246	-	6	2	K.ADLYDKVSQAFTVFLPVR.S	22
PHEAT-4333	proteomics_heat	2629193	2629249	-	6	6	R.KADLYDKVSQAFTVFLPVR.S	23
PHEAT-4334	proteomics_heat	2629229	2629249	-	6	4	R.KADLYDK.V	11
PHEAT-4335	proteomics_heat	2629247	2629282	-	6	6	R.RADAIFIEELRK.A	16
PHEAT-4336	proteomics_heat	2629250	2629282	-	6	16	R.RADAIFIEELR.K	15
PHEAT-4337	proteomics_heat	2629358	2629399	-	6	4	K.IGLELGLPYDMLYR.H	18
PHEAT-4338	proteomics_heat	2629358	2629402	-	6	3	R.KIGLELGLPYDMLYR.H	19
PHEAT-4339	proteomics_heat	2629400	2629450	-	6	3	K.MGLVEPLKELFKDEVK.I	21
PHEAT-4340	proteomics_heat	2629403	2629450	-	6	8	K.MGLVEPLKELFKDEVK.K	20
PHEAT-4341	proteomics_heat	2629427	2629450	-	6	3	K.MGLVEPLK.E	12
PHEAT-4342	proteomics_heat	2629505	2629567	-	6	7	K.WLAQGTIYPDVIESAASATGK.A	25
PHEAT-4343	proteomics_heat	2629568	2629618	-	6	14	R.VFVEVFDEEALKLEDVK.W	21
PHEAT-4344	proteomics_heat	2629634	2629678	-	6	2	R.FLSALAGENDPEAKR.K	19
PHEAT-4345	proteomics_heat	2629637	2629678	-	6	4	R.FLSALAGENDPEAK.R	18
PHEAT-4346	proteomics_heat	2629679	2629759	-	6	17	R.LNEAEQVLDMFGDHFGLNIVHVPADR.F	31
PHEAT-4347	proteomics_heat	2629760	2629798	-	6	5	K.NLTCVFDVNGLLR.L	17
PHEAT-4348	proteomics_heat	2629811	2629891	-	6	3	R.EQVGDDKVILGLSGGVDSSVTAMLLHR.A	31
PHEAT-4349	proteomics_heat	2629811	2629897	-	6	41	R.IREQVGDDKVILGLSGGVDSSVTAMLLHR.A	33
PHEAT-4350	proteomics_heat	2629898	2629921	-	6	2	K.IIDDAVAR.I	12
PHEAT-4351	proteomics_heat	2629922	2629960	-	6	8	R.DICQCEALWTPAK.I	17
PHEAT-4352	proteomics_heat	2629994	2630035	-	6	3	R.FYGVQFHPEVTHTR.Q	18

PHEAT-4353	proteomics_heat	2630036	2630107	-	6	2	I.PSDFITVASTESCPFAIMANEEKR.F	28
PHEAT-4354	proteomics_heat	2630036	2630119	-	6	3	K.VTAIPSDFITVASTESCPFAIMANEEKR.F	32
PHEAT-4355	proteomics_heat	2630039	2630119	-	6	6	K.VTAIPSDFITVASTESCPFAIMANEEKR	31
PHEAT-4356	proteomics_heat	2630120	2630188	-	6	5	R.GIEDALTADGKPLLDVVMWVSHGDK.V	27
PHEAT-4357	proteomics_heat	2630189	2630239	-	6	20	R.EFGYAQVEVVNDSALVR.G	21
PHEAT-4358	proteomics_heat	2630240	2630281	-	6	4	M.AMQLGGHVEASNER.E	18
PHEAT-4359	proteomics_heat	2630240	2630347	-	6	3	R.APQVYFEAGVPVFGVCYGMQTMAMQLGGHVEASNER.E	40
PHEAT-4360	proteomics_heat	2630348	2630416	-	6	12	R.DFNPSGIILSGGPESTTEENSPR.A	27
PHEAT-4361	proteomics_heat	2630483	2630530	-	6	22	R.ILILDVFGSQYTLVAR.R	20
PHEAT-4362	proteomics_heat	2630656	2630709	-	5	21	R.ISGAGIQESHVHDVTITK.E	22
PHEAT-4363	proteomics_heat	2630731	2630775	-	5	9	R.SCMGLTGCCTIDELR.T	19
PHEAT-4364	proteomics_heat	2630776	2630808	-	5	5	K.EIIHQMGGLR.S	15
PHEAT-4365	proteomics_heat	2630776	2630814	-	5	4	R.LKEIIHQMGGLR.S	17
PHEAT-4366	proteomics_heat	2630788	2630814	-	5	4	R.LKEIIHQMG.G	13
PHEAT-4367	proteomics_heat	2630833	2630889	-	5	6	R.YFQSDNAADKLVPEGIEGR.V	23
PHEAT-4368	proteomics_heat	2630860	2630889	-	5	5	R.YFQSDNAADK.L	14
PHEAT-4369	proteomics_heat	2630905	2630934	-	5	2	R.GMGSLGAMSK.G	14
PHEAT-4370	proteomics_heat	2630953	2631045	-	5	90	K.ATAAGASAVMVGSMVLAGTEESPGIEIYQGR.S	35
PHEAT-4371	proteomics_heat	2631067	2631168	-	5	47	R.IVTGVGVPQITAVADAVEALEGTGIPVIADGGIR.F	38
PHEAT-4372	proteomics_heat	2631169	2631204	-	5	7	K.VGIGPGSICTTR.I	16
PHEAT-4373	proteomics_heat	2631205	2631237	-	5	9	R.ALAEAGCSAVK.V	15
PHEAT-4374	proteomics_heat	2631238	2631291	-	5	7	K.YPDLQIIGGNVATAAGAR.A	22
PHEAT-4375	proteomics_heat	2631238	2631297	-	5	14	R.AKYPDLQIIGGNVATAAGAR.A	24
PHEAT-4376	proteomics_heat	2631313	2631393	-	5	28	R.VDALVAAGVDVLLIDSSHGHSEGLVQR.I	31
PHEAT-4377	proteomics_heat	2631313	2631435	-	5	3	R.VGAAVGAGAGNEERVDALVAAGVDVLLIDSSHGHSEGLVQR.I	45
PHEAT-4378	proteomics_heat	2631394	2631435	-	5	15	R.VGAAVGAGAGNEER.V	18
PHEAT-4379	proteomics_heat	2631496	2631546	-	5	23	K.ALVVDEFHLLIGMITVK.D	21
PHEAT-4380	proteomics_heat	2631625	2631672	-	5	10	R.FVTDLNQPVSVYMPK.E	20
PHEAT-4381	proteomics_heat	2631682	2631747	-	5	78	R.NGFAGYPVVTENELVGIITGR.D	26
PHEAT-4382	proteomics_heat	2631772	2631828	-	5	11	K.HESGVVTDPPQTVLPTTLR.E	23
PHEAT-4383	proteomics_heat	2631772	2631831	-	5	5	K.KHESGVVTDPPQTVLPTTLR.E	24
PHEAT-4384	proteomics_heat	2631877	2631924	-	5	32	R.LAIALAQEGGIGFIHK.N	20
PHEAT-4385	proteomics_heat	2631925	2631975	-	5	19	R.LNIPMLSAAMDTVTEAR.L	21
PHEAT-4386	proteomics_heat	2631985	2632074	-	5	49	K.EALTFDDVLLVPAHSTVLPNTADLSTQLTK.T	34
PHEAT-4387	proteomics_heat	2633702	2633743	-	6	2	K.ALCPDCHQPLQVLK.A	18
PHEAT-4388	proteomics_heat	2633975	2634004	-	6	2	K.EGENPYANKR.N	14
PHEAT-4389	proteomics_heat	2634095	2634154	-	6	4	K.YAHAGGYNPPIVVIHGNQVK.D	24
PHEAT-4390	proteomics_heat	2634176	2634220	-	6	3	R.IMTMAVEDHQPLVR.G	19
PHEAT-4391	proteomics_heat	2634272	2634331	-	6	3	R.VHFISALHGSGVGNLFESVR.E	24
PHEAT-4392	proteomics_heat	2634413	2634436	-	6	2	R.SLVIVVNK.W	12
PHEAT-4393	proteomics_heat	2634437	2634493	-	6	17	R.EGISDQDLSLLGFILNSGR.S	23
PHEAT-4394	proteomics_heat	2634494	2634547	-	6	5	K.TLQAIEDANVVMVIDAR.E	22
PHEAT-4395	proteomics_heat	2634563	2634589	-	6	2	R.GKITDAVEK.F	13
PHEAT-4396	proteomics_heat	2634665	2634697	-	6	2	R.VVVYDMPGTTR.D	15
PHEAT-4397	proteomics_heat	2634932	2635021	-	6	29	K.TDGLDPDQAVVDFYSLGLGEIPIAASHGR.G	34
PHEAT-4398	proteomics_heat	2635169	2635228	-	6	4	R.EFICIDTGGIDGTEDGVETR.M	24

PHEAT-4399	proteomics_heat	2635334	2635378	-	6	5	N.MVPVVALVGRPNVGK.S	19
PHEAT-4400	proteomics_heat	2635499	2635525	-	6	8	K.DGTVYSITR.-	13
PHEAT-4401	proteomics_heat	2635544	2635591	-	6	13	K.VDSSGFQTEPVAADGK.L	20
PHEAT-4402	proteomics_heat	2635763	2635789	-	6	2	R.IYLVQDNR.V	13
PHEAT-4403	proteomics_heat	2635790	2635831	-	6	5	R.ELGSVNDFIVDGNR.I	18
PHEAT-4404	proteomics_heat	2635790	2635834	-	6	2	K.RELGSVNDFIVDGNR.I	19
PHEAT-4405	proteomics_heat	2635856	2635945	-	6	36	R.LSDVDTPVVVNGVVFALAYNGNLTALDLR.S	34
PHEAT-4406	proteomics_heat	2635946	2635981	-	6	5	R.ISQATGSTEIDR.L	16
PHEAT-4407	proteomics_heat	2635982	2636029	-	6	4	R.VSAVLMEQGMIVQQR.I	20
PHEAT-4408	proteomics_heat	2636030	2636089	-	6	2	R.GESAPTTAFGAADVGGDNGR.V	24
PHEAT-4409	proteomics_heat	2636129	2636212	-	6	3	R.PVVSDGLVLIHTSNGQLQALNEADGAVK.W	32
PHEAT-4410	proteomics_heat	2636237	2636290	-	6	5	K.AQVYALNTSDGTVAWQTK.V	22
PHEAT-4411	proteomics_heat	2636291	2636356	-	6	2	K.EPALLSGGVTVSGGHVYIGSEK.A	26
PHEAT-4412	proteomics_heat	2636291	2636374	-	6	4	K.DGWFSKEPALLSGGVTVSGGHVYIGSEK.A	32
PHEAT-4413	proteomics_heat	2636375	2636428	-	6	7	K.ALNADDGKEIWSVSLAEK.D	22
PHEAT-4414	proteomics_heat	2636748	2636771	-	4	2	R.SAWEAGVK.S	12
PHEAT-4415	proteomics_heat	2636934	2636987	-	4	12	K.AAAQLQQGLADTSDENLK.A	22
PHEAT-4416	proteomics_heat	2636988	2637056	-	4	9	K.NTYGALASLELAQQFVDKNELEK.A	27
PHEAT-4417	proteomics_heat	2637075	2637152	-	4	10	R.SASLAYQNAVTAVSEGPKDSIPAAEK.F	30
PHEAT-4418	proteomics_heat	2637258	2637299	-	4	2	E.IYENENDQVEAVKR.F	18
PHEAT-4419	proteomics_heat	2637338	2637388	-	6	8	R.SGEQTAVAQDSVAHLR.T	21
PHEAT-4420	proteomics_heat	2637344	2637388	-	6	3	R.SGEQTAVAQDSVAHL.L	19
PHEAT-4421	proteomics_heat	2637398	2637451	-	6	3	R.VAVVLGESEVANGTAVVK.D	22
PHEAT-4422	proteomics_heat	2637488	2637520	-	6	2	K.LMTNHGGGNFK.K	15
PHEAT-4423	proteomics_heat	2637521	2637547	-	6	2	R.LRDELPGVK.L	13
PHEAT-4424	proteomics_heat	2637548	2637625	-	6	4	K.ADPVVDIYLVASGADTQSAAMALAER.L	30
PHEAT-4425	proteomics_heat	2637626	2637664	-	6	2	R.LVLLVQAVNPEFK.A	17
PHEAT-4426	proteomics_heat	2637665	2637703	-	6	3	R.ATPAVGFAMGLER.L	17
PHEAT-4427	proteomics_heat	2637704	2637736	-	6	2	R.YDGLVEQLGGR.A	15
PHEAT-4428	proteomics_heat	2637872	2637895	-	6	5	R.EHFAGLCK.L	12
PHEAT-4429	proteomics_heat	2637896	2637964	-	6	2	K.NPEVQALLNDAPALGDYLDEESR.E	27
PHEAT-4430	proteomics_heat	2638025	2638063	-	6	6	R.DALVAFLEQHKEK.L	17
PHEAT-4431	proteomics_heat	2638031	2638063	-	6	2	R.DALVAFLEQHK.E	15
PHEAT-4432	proteomics_heat	2638286	2638327	-	6	13	R.AGIEHGLLYNQEQR.L	18
PHEAT-4433	proteomics_heat	2638328	2638378	-	6	6	R.NGDSLTLRPEGTAGCVR.A	21
PHEAT-4434	proteomics_heat	2638403	2638435	-	6	4	R.AIGEVTDVVEK.E	15
PHEAT-4435	proteomics_heat	2638403	2638438	-	6	2	K.RAIGEVTDVVEK.E	16
PHEAT-4436	proteomics_heat	2638439	2638471	-	6	4	R.LPIVEQTPLFK.R	15
PHEAT-4437	proteomics_heat	2638439	2638507	-	6	3	K.NVLGSYGYSEIRLPIVEQTPLFK.R	27
PHEAT-4438	proteomics_heat	2638472	2638507	-	6	4	K.NVLGSYGYSEIR.L	16
PHEAT-4439	proteomics_heat	2638526	2638570	-	6	3	R.GMNDYLPGETAIWQR.I	19
PHEAT-4440	proteomics_heat	2638711	2638737	-	5	2	R.RIDVQQVEK.-	13
PHEAT-4441	proteomics_heat	2638774	2638812	-	5	4	R.LDNNDMIDQLEAR.I	17
PHEAT-4442	proteomics_heat	2638849	2638956	-	5	22	R.LEDIITPMDVSIIGCVVNGPGEALVSTLGVTGGNKK.S	40
PHEAT-4443	proteomics_heat	2638957	2639001	-	5	2	R.QEFDVIGTVNALEQR.L	19
PHEAT-4444	proteomics_heat	2639059	2639115	-	5	2	R.VSLAADPVVEIKVGFILK.S	23

PHEAT-4445	proteomics_heat	2639080	2639115	-	5	2	R.VSLAADPVEEIK.V	16
PHEAT-4446	proteomics_heat	2639116	2639169	-	5	29	K.SAIGLGLLLSEGIGDTLR.V	22
PHEAT-4447	proteomics_heat	2639185	2639235	-	5	7	K.QIDQPLHLGITEAGGAR.S	21
PHEAT-4448	proteomics_heat	2639338	2639382	-	5	2	K.YGEPTPQALLESAMR.H	19
PHEAT-4449	proteomics_heat	2639428	2639451	-	5	2	A.RDKNIPIR.I	12
PHEAT-4450	proteomics_heat	2639551	2639598	-	5	5	K.QQVNVPLVADIHFYR.I	20
PHEAT-4451	proteomics_heat	2639680	2639715	-	5	3	R.TTDVEATVNQIK.A	16
PHEAT-4452	proteomics_heat	2639716	2639784	-	5	4	R.IYVGNVPIGDGAPIAVQSMTNTR.T	27
PHEAT-4453	proteomics_heat	2639916	2639975	-	4	2	K.IGAPAAVQIQYQGKPVDLR.F	24
PHEAT-4454	proteomics_heat	2639982	2640020	-	4	5	K.DGNLNLTGQAPYK.L	17
PHEAT-4455	proteomics_heat	2639982	2640023	-	4	2	R.KDGNLNLTGQAPYK.L	18
PHEAT-4456	proteomics_heat	2640612	2640656	-	4	2	R.LVHIPEEELLPGLEK.Q	19
PHEAT-4457	proteomics_heat	2640681	2640731	-	4	3	R.DIEEDKAPADLASTFLR.G	21
PHEAT-4458	proteomics_heat	2640759	2640797	-	4	2	R.EQLGLSQQAVAER.L	17
PHEAT-4459	proteomics_heat	2640813	2640863	-	4	2	M.NTEATHDQNEALTTGAR.L	21
PHEAT-4460	proteomics_heat	2640813	2640866	-	4	5	R.MNTEATHDQNEALTTGAR.L	22
PHEAT-4461	proteomics_heat	2641343	2641390	-	6	2	K.INLIPWNPFPGAPYGR.S	20
PHEAT-4462	proteomics_heat	2641406	2641483	-	6	11	R.VTIEYVMLDHVNDGTEHAHQLAELLK.D	30
PHEAT-4463	proteomics_heat	2641691	2641753	-	6	2	N.LNNVVPAMEIMLDDFGFLSK.R	25
PHEAT-4464	proteomics_heat	2642464	2642505	-	5	30	R.EIAYFFGEGEVCP.R	18
PHEAT-4465	proteomics_heat	2642506	2642574	-	5	13	R.ADYADSLTENGTHGSDSVESAAR.E	27
PHEAT-4466	proteomics_heat	2642575	2642625	-	5	16	R.DLLGATNPANALAGTLR.A	21
PHEAT-4467	proteomics_heat	2642575	2642631	-	5	4	R.HRDLLGATNPANALAGTLR.A	23
PHEAT-4468	proteomics_heat	2642632	2642742	-	5	25	R.GFYAEHDGKPPFDGLVEFMTSGPIVSVLEGENAVQR.H	41
PHEAT-4469	proteomics_heat	2642689	2642742	-	5	2	R.GFYAEHDGKPPFDGLVEF.M	22
PHEAT-4470	proteomics_heat	2642743	2642772	-	5	21	K.MLHLTVEQAR.G	14
PHEAT-4471	proteomics_heat	2642788	2642808	-	5	3	R.FEAAGFK.I	11
PHEAT-4472	proteomics_heat	2642809	2642835	-	5	4	K.NVIGNIFAR.F	13
PHEAT-4473	proteomics_heat	2642836	2642871	-	5	11	R.TFSIIKPNAAVAK.N	16
PHEAT-4474	proteomics_heat	2645783	2645848	-	6	2	R.MDASGYPQSAPLPANNVLQIER.H	26
PHEAT-4475	proteomics_heat	2647805	2647849	-	6	2	R.HDLYLSTLVVRPGDK.S	19
PHEAT-4476	proteomics_heat	2648807	2648872	-	6	2	V.EDFMPERMALNLTGEKPLTPK.D	26
PHEAT-4477	proteomics_heat	2649152	2649208	-	6	2	K.LPALDLAEFNIAGAPGYSK.Q	23
PHEAT-4478	proteomics_heat	2649329	2649415	-	6	2	R.YHNRLDIFTQSLENGAAQQGIEVSLLEK.G	33
PHEAT-4479	proteomics_heat	2649479	2649556	-	6	2	K.LLLPLGDIKPLQQAGVYLAVMNQAGR.Y	30
PHEAT-4480	proteomics_heat	2649707	2649769	-	6	2	K.VVEGLPVMALNVDVNVFFR.V	25
PHEAT-4481	proteomics_heat	2652914	2652952	-	6	2	M.SETKNELEDLLEK.A	17
PHEAT-4482	proteomics_heat	2653124	2653171	-	6	2	K.APVEQWSAGATGLGVR.T	20
PHEAT-4483	proteomics_heat	2653124	2653174	-	6	7	R.KAPVEQWSAGATGLGVR.T	21
PHEAT-4484	proteomics_heat	2653325	2653348	-	6	2	R.LPLAEFHR.S	12
PHEAT-4485	proteomics_heat	2653349	2653390	-	6	3	R.LLASAAQENEPFWR.L	18
PHEAT-4486	proteomics_heat	2653391	2653450	-	6	5	K.TALGNDYHALFSFDALAGR.L	24
PHEAT-4487	proteomics_heat	2653451	2653537	-	6	15	R.LVLADGLIDASAQKPEMIIDAATLTGAAK.T	33
PHEAT-4488	proteomics_heat	2653538	2653573	-	6	3	K.KVEVMNTDAEGR.L	16
PHEAT-4489	proteomics_heat	2653607	2653654	-	6	4	K.LFLCCADNLISGNAFK.L	20
PHEAT-4490	proteomics_heat	2653760	2653795	-	6	2	K.GITFDSGGYSIK.Q	16

PHEAT-4491	proteomics_heat	2653796	2653873	-	6	5	R.SPVLLALDYNPTGDKEAPVYACLVGK.G	30
PHEAT-4492	proteomics_heat	2653886	2653921	-	6	4	R.EQGYMGLHTVGR.G	16
PHEAT-4493	proteomics_heat	2653886	2653936	-	6	3	K.GEDLREQGYMGLHTVGR.G	21
PHEAT-4494	proteomics_heat	2653958	2653993	-	6	3	R.AVDLISNVAGDR.V	16
PHEAT-4495	proteomics_heat	2653994	2654047	-	6	12	R.DTINAPAEELGPSQLAQR.A	22
PHEAT-4496	proteomics_heat	2654171	2654209	-	6	9	K.HVQLSGEGWDADR.C	17
PHEAT-4497	proteomics_heat	2654210	2654233	-	6	4	R.KIDGLGIK.H	12
PHEAT-4498	proteomics_heat	2654243	2654317	-	6	5	K.ATYSINNDGITLHLNGADDLGLIQR.A	29
PHEAT-4499	proteomics_heat	2654330	2654362	-	6	3	K.ITLSTQPADAR.W	15
PHEAT-4500	proteomics_heat	2654603	2654674	-	6	6	R.FTDMHQWICDLEDFDDDPQASNEK.I	28
PHEAT-4501	proteomics_heat	2654684	2654731	-	6	3	R.EIGEALYDAYPDLDPK.T	20
PHEAT-4502	proteomics_heat	2654800	2654835	-	5	4	R.VTDEDLVVEIPR.Y	16
PHEAT-4503	proteomics_heat	2654854	2654937	-	5	2	R.EGFDSLPESESEQEDDMLDKAWGLEPESR.L	32
PHEAT-4504	proteomics_heat	2654881	2654937	-	5	5	R.EGFDSLPESESEQEDDMLDK.A	23
PHEAT-4505	proteomics_heat	2654938	2654973	-	5	6	K.SCACTTCHCIVR.E	16
PHEAT-4506	proteomics_heat	2654974	2655006	-	5	8	R.NGIEIEHACEK.S	15
PHEAT-4507	proteomics_heat	2655007	2655096	-	5	7	K.IVILPHQDLCPDGAVLEANSGETILDAALR.N	34
PHEAT-4508	proteomics_heat	2655164	2655199	-	6	2	K.NVDKQTQDFAAR.R	16
PHEAT-4509	proteomics_heat	2655200	2655280	-	6	4	R.QVIDDAAAHLSEVAQGDDVDAIEQAIK.N	31
PHEAT-4510	proteomics_heat	2655281	2655343	-	6	5	R.VLES LHGALAADAALLSAAER.Q	25
PHEAT-4511	proteomics_heat	2655383	2655415	-	6	8	K.DSMSYAEQDVK.A	15
PHEAT-4512	proteomics_heat	2655416	2655493	-	6	3	K.STGVEASIQVKPSYGLTDSEIASMIK.D	30
PHEAT-4513	proteomics_heat	2655494	2655547	-	6	16	R.VTFQVDADGLLSVTAMEK.S	22
PHEAT-4514	proteomics_heat	2655632	2655676	-	6	3	K.DGQTAMSIHVMQGER.E	19
PHEAT-4515	proteomics_heat	2655632	2655700	-	6	2	R.AQDFTTFKDGQTAMSIHVMQGER.E	27
PHEAT-4516	proteomics_heat	2656031	2656066	-	6	2	R.EQFNELIAPLVK.R	16
PHEAT-4517	proteomics_heat	2656208	2656291	-	6	5	R.GVFEVLATGGDSALGGDDFDHLLADYIR.E	32
PHEAT-4518	proteomics_heat	2656463	2656537	-	6	3	R.ATEALAGELDGVVITVPAYFDDAQR.Q	29
PHEAT-4519	proteomics_heat	2656574	2656660	-	6	6	R.YPHLPYQFQASENGLPMIETAAGLLNPVR.V	33
PHEAT-4520	proteomics_heat	2656661	2656684	-	6	2	R.SLADIQQR.Y	12
PHEAT-4521	proteomics_heat	2656697	2656744	-	6	5	R.TNAALDTANTISSVKR.L	20
PHEAT-4522	proteomics_heat	2656700	2656744	-	6	2	R.TNAALDTANTISSVK.R	19
PHEAT-4523	proteomics_heat	2656766	2656807	-	6	2	R.HLLPSVVHYQQQGH.S	18
PHEAT-4524	proteomics_heat	2656808	2656846	-	6	4	R.SGQAETLADHEGR.H	17
PHEAT-4525	proteomics_heat	2656904	2656954	-	6	5	M.ALLQISEPGLSAAAPHQR.R	21
PHEAT-4526	proteomics_heat	2657151	2657228	-	4	2	R.DTAFLEQLELREELDEIEQAKDEAR.L	30
PHEAT-4527	proteomics_heat	2657229	2657288	-	4	3	R.AEYLLSLHGFDLASEQHTVR.D	24
PHEAT-4528	proteomics_heat	2657588	2657641	-	6	3	K.FTNPVVKDEC CGESFHV.-	22
PHEAT-4529	proteomics_heat	2657666	2657707	-	6	2	K.SLQFLDGTQLDFVK.E	18
PHEAT-4530	proteomics_heat	2657735	2657815	-	6	3	R.TSGCSGMAYVLEFVDEPTPEDIVFEDK.G	31
PHEAT-4531	proteomics_heat	2657967	2658002	-	4	13	K.IHCSILAEDAIAK.A	16
PHEAT-4532	proteomics_heat	2658003	2658044	-	4	4	K.NTDIAEELPPVK.I	18
PHEAT-4533	proteomics_heat	2658045	2658071	-	4	5	K.SLDEAQAIAK.N	13
PHEAT-4534	proteomics_heat	2658078	2658134	-	4	15	K.TYGC GSAIASSSLVTEWVK.G	23
PHEAT-4535	proteomics_heat	2658141	2658173	-	4	6	K.VNDEGIIEDAR.F	15
PHEAT-4536	proteomics_heat	2658186	2658266	-	4	12	R.NVG SFDNNDENVSGMVGAPACGDVMK.L	31

PHEAT-4537	proteomics_heat	2658267	2658293	-	4	10	K.VIDHYENPR.N	13
PHEAT-4538	proteomics_heat	2658342	2658380	-	4	2	K.QGVDLNSIEWAHH.-	17
PHEAT-4539	proteomics_heat	2658381	2658410	-	4	5	R.DLSPLWEMYK.Q	14
PHEAT-4540	proteomics_heat	2658381	2658416	-	4	5	R.LRDLSPWEMYK.Q	16
PHEAT-4541	proteomics_heat	2658429	2658476	-	4	2	R.FTTEEEIDYTIELVRK.S	20
PHEAT-4542	proteomics_heat	2658432	2658476	-	4	43	R.FTTEEEIDYTIELVR.K	19
PHEAT-4543	proteomics_heat	2658492	2658533	-	4	10	R.ALGLNDELAHSSIR.F	18
PHEAT-4544	proteomics_heat	2658534	2658599	-	4	20	K.DLAVSSSGSACTSASLEPSYVLR.A	26
PHEAT-4545	proteomics_heat	2658747	2658782	-	4	12	R.IAKEEMATEMER.L	16
PHEAT-4546	proteomics_heat	2658783	2658833	-	4	13	R.SGTLPVHQIVGMGEAYR.I	21
PHEAT-4547	proteomics_heat	2658843	2658878	-	4	6	R.IEAQMHGGGHER.G	16
PHEAT-4548	proteomics_heat	2658897	2658920	-	4	3	K.GIGALYVR.R	12
PHEAT-4549	proteomics_heat	2658966	2658992	-	4	5	K.LPIDLSQLK.V	13
PHEAT-4550	proteomics_heat	2658966	2659034	-	4	16	R.GIIYHVDATQSVGKLPIDLSQLK.V	27
PHEAT-4551	proteomics_heat	2658993	2659034	-	4	17	R.GIIYHVDATQSVGK.L	18
PHEAT-4552	proteomics_heat	2659170	2659205	-	4	3	R.EGFEVTYLAPQR.N	16
PHEAT-4553	proteomics_heat	2659278	2659301	-	4	3	K.GAANFYQK.K	12
PHEAT-4554	proteomics_heat	2659302	2659352	-	4	31	R.EIVFTSGATESDNLAIK.G	21
PHEAT-4555	proteomics_heat	2659353	2659388	-	4	3	R.NQIADLVGADPR.E	16
PHEAT-4556	proteomics_heat	2659389	2659427	-	4	6	R.FGWQAEAAVDIAR.N	17
PHEAT-4557	proteomics_heat	2659437	2659487	-	4	16	K.MMQFMTMDGTFGNPASR.S	21
PHEAT-4558	proteomics_heat	2659500	2659547	-	4	8	K.LPIYLDYSATTPVDPR.V	20
PHEAT-4559	proteomics_heat	2659500	2659553	-	4	6	A.MKLPYLDYSATTPVDPR.V	22
PHEAT-4560	proteomics_heat	2659631	2659678	-	6	3	L.SYALNKKNSESGRSAK.Y	20
PHEAT-4561	proteomics_heat	2659731	2659805	-	4	5	R.LTGFLNNITLGELVNNQEVLDVSGR.Q	29
PHEAT-4562	proteomics_heat	2659881	2659946	-	4	62	K.DASSIAVGEVISAVDESVDATR.C	26
PHEAT-4563	proteomics_heat	2659947	2659976	-	4	2	R.GPGGGYLLGK.D	14
PHEAT-4564	proteomics_heat	2660010	2660051	-	4	4	R.QGISLSYLEQLFSR.L	18
PHEAT-4565	proteomics_heat	2660052	2660129	-	4	5	R.YAVTAMLDVALNSEAGVPLADISER.Q	30
PHEAT-4566	proteomics_heat	2660623	2660655	-	5	2	R.GILASIEQQNK.G	15
PHEAT-4567	proteomics_heat	2660656	2660691	-	5	5	R.ARPESQELNLR.G	16
PHEAT-4568	proteomics_heat	2660713	2660742	-	5	8	R.ENHPGQVMNK.L	14
PHEAT-4569	proteomics_heat	2660743	2660790	-	5	9	R.FYGHLEQTLATGFIR.E	20
PHEAT-4570	proteomics_heat	2661001	2661048	-	5	2	K.SVAEAANTPVALVFR.E	20
PHEAT-4571	proteomics_heat	2661277	2661327	-	5	4	R.IVLVETSHTGNMGSVAR.A	21
PHEAT-4572	proteomics_heat	2682327	2682380	-	4	2	A.GWMCDVLDSINDEAVIER.I	22
PHEAT-4573	proteomics_heat	2682327	2682389	-	4	128	K.ELAGWMCDVLDSINDEAVIER.I	25
PHEAT-4574	proteomics_heat	2682441	2682467	-	4	19	K.SPFVTSGIR.V	13
PHEAT-4575	proteomics_heat	2682537	2682605	-	4	41	K.VVSGGTDNHLFLVDLVDKNLTKG.E	27
PHEAT-4576	proteomics_heat	2682537	2682635	-	4	2	M.VEVFLERGYKVVSGGTDNHLFLVDLVDKNLTKG.E	37
PHEAT-4577	proteomics_heat	2682552	2682605	-	4	31	K.VVSGGTDNHLFLVDLVDK.N	22
PHEAT-4578	proteomics_heat	2682615	2682641	-	4	10	K.AMVEVFLER.G	13
PHEAT-4579	proteomics_heat	2682651	2682674	-	4	6	K.TYQQQVAK.N	12
PHEAT-4580	proteomics_heat	2682675	2682713	-	4	2	K.AVALKEAMEPEFK.T	17
PHEAT-4581	proteomics_heat	2682714	2682776	-	4	15	K.LNSAVFPGGQGGPLMHVIAGK.A	25
PHEAT-4582	proteomics_heat	2682714	2682779	-	4	10	K.KLNSAVFPGGQGGPLMHVIAGK.A	26

PHEAT-4583	proteomics_heat	2682729	2682776	-	4	2	K.LNSAVFPGGQGGPLMH.V	20
PHEAT-4584	proteomics_heat	2682729	2682779	-	4	5	K.KLNSAVFPGGQGGPLMH.V	21
PHEAT-4585	proteomics_heat	2682732	2682779	-	4	6	K.KLNSAVFPGGQGGPLM.H	20
PHEAT-4586	proteomics_heat	2682735	2682779	-	4	2	K.KLNSAVFPGGQGGPL.M	19
PHEAT-4587	proteomics_heat	2682777	2682803	-	4	4	K.GGSEELYKK.L	13
PHEAT-4588	proteomics_heat	2682843	2682920	-	4	3	H.VAGLVAAGVYPNPVPHAHVVTTTTHK.T	30
PHEAT-4589	proteomics_heat	2682975	2682995	-	4	2	S.GVVDWAK.M	11
PHEAT-4590	proteomics_heat	2682975	2683007	-	4	2	F.SAYSGVVDWAK.M	15
PHEAT-4591	proteomics_heat	2682975	2683025	-	4	420	K.MIIGGFSAYSGVVDWAK.M	21
PHEAT-4592	proteomics_heat	2683050	2683094	-	4	7	Y.GIDATGHIDYADLEK.Q	19
PHEAT-4593	proteomics_heat	2683050	2683115	-	4	23	K.LYNIVPYGIDATGHIDYADLEK.Q	26
PHEAT-4594	proteomics_heat	2683116	2683160	-	4	2	H.GGHLTHGSPVNFSGK.L	19
PHEAT-4595	proteomics_heat	2683116	2683208	-	4	2	T.ALLEPGDTVLGMNLAHGGHLTHGSPVNFSGK.L	35
PHEAT-4596	proteomics_heat	2683116	2683223	-	4	8	N.FAVYTALLEPGDTVLGMNLAHGGHLTHGSPVNFSGK.L	40
PHEAT-4597	proteomics_heat	2683116	2683241	-	4	9	H.SGSQANFAVYTALLEPGDTVLGMNLAHGGHLTHGSPVNFSGK.L	46
PHEAT-4598	proteomics_heat	2683224	2683280	-	4	2	K.ELFGADYANVQPHSGSQAN.F	23
PHEAT-4599	proteomics_heat	2683242	2683280	-	4	3	K.ELFGADYANVQPH.S	17
PHEAT-4600	proteomics_heat	2683242	2683286	-	4	4	R.AKELFGADYANVQPH.S	19
PHEAT-4601	proteomics_heat	2683287	2683340	-	4	555	R.YYGGCEYVDIVEQLAIDR.A	22
PHEAT-4602	proteomics_heat	2683341	2683367	-	4	11	K.YAEGYPGKR.Y	13
PHEAT-4603	proteomics_heat	2683344	2683367	-	4	5	K.YAEGYPGK.R	12
PHEAT-4604	proteomics_heat	2683368	2683403	-	4	23	R.VMQAQGSQLTNK.Y	16
PHEAT-4605	proteomics_heat	2683404	2683454	-	4	21	R.QEEHIELIASENYTSR.V	21
PHEAT-4606	proteomics_heat	2683404	2683460	-	4	295	K.VRQEEHIELIASENYTSR.V	23
PHEAT-4607	proteomics_heat	2683461	2683517	-	4	13	R.EMNIADYDAELWQAMEQEK.V	23
PHEAT-4608	proteomics_heat	2685194	2685250	-	6	4	K.IEIVPDDIVDTCVDTIIR.T	23
PHEAT-4609	proteomics_heat	2685395	2685424	-	6	2	K.KIDAIKPFK.L	14
PHEAT-4610	proteomics_heat	2686196	2686276	-	6	4	R.NSKPFIAINCGALPEQLLESELFGHAR.G	31
PHEAT-4611	proteomics_heat	2686818	2686904	-	4	3	R.KPAGNFSPDTPHESEKPAPSTHEVTPDEP.-	33
PHEAT-4612	proteomics_heat	2687277	2687333	-	4	2	K.STETNPLYWLRAMDCADRL.M	23
PHEAT-4613	proteomics_heat	2689711	2689767	-	5	2	R.TVSNSWHPENWGEDGPWMR.I	23
PHEAT-4614	proteomics_heat	2689777	2689806	-	5	3	R.VTIMMPHPER.V	14
PHEAT-4615	proteomics_heat	2689807	2689881	-	5	21	K.VTETYPANPNGSPNGITAVTTESGR.V	29
PHEAT-4616	proteomics_heat	2689807	2689914	-	5	4	L.VALRYVDNFGKVTETYPANPNGSPNGITAVTTESGR.V	40
PHEAT-4617	proteomics_heat	2689882	2689902	-	5	2	R.YVDNFGK.V	11
PHEAT-4618	proteomics_heat	2689921	2689953	-	5	5	R.DAAHLAALESK.G	15
PHEAT-4619	proteomics_heat	2689966	2690061	-	5	4	R.FSLVEVTQSPSLLLQGMVGSQMPIAVSHGEGR.V	36
PHEAT-4620	proteomics_heat	2690149	2690220	-	5	3	R.VRDEFATFFHRPQTLALGVCNGCQ.M	28
PHEAT-4621	proteomics_heat	2690242	2690328	-	5	4	R.TGLEDHFHALVACGGFSYGDVVGAGEGWAK.S	33
PHEAT-4622	proteomics_heat	2690329	2690379	-	5	15	R.AGFDAIDVHMSDLLTGR.T	21
PHEAT-4623	proteomics_heat	2690380	2690427	-	5	7	R.EQGVNSHVEMAAAFHR.A	20
PHEAT-4624	proteomics_heat	2690443	2690505	-	5	7	K.LSFDINEDVAAPYIATGARPK.V	25
PHEAT-4625	proteomics_heat	2690449	2690505	-	5	5	K.LSFDINEDVAAPYIATGAR.P	23
PHEAT-4626	proteomics_heat	2690506	2690538	-	5	3	K.SNDADPGLNVK.L	15
PHEAT-4627	proteomics_heat	2690539	2690583	-	5	11	R.LRDNPECADQEHQAK.S	19
PHEAT-4628	proteomics_heat	2690584	2690619	-	5	4	R.VVWAETTWMQQR.L	16

PHEAT-4629	proteomics_heat	2690677	2690757	-	5	4	R.EAVESVLAQHGLADCVHYVGQAVSGDR.F	31
PHEAT-4630	proteomics_heat	2690677	2690769	-	5	2	R.AADREAVESVLAQHGLADCVHYVGQAVSGDR.F	35
PHEAT-4631	proteomics_heat	2690770	2690817	-	5	42	R.LAALFNEELGAVIQVR.A	20
PHEAT-4632	proteomics_heat	2690818	2690910	-	5	29	R.SDGGLLVTLAEMAFAGHCGIDADIATLGDDR.L	35
PHEAT-4633	proteomics_heat	2690935	2690973	-	5	4	K.GFYDAIQALVAQR.K	17
PHEAT-4634	proteomics_heat	2691022	2691066	-	5	5	K.GNNALGATALAQVYR.Q	19
PHEAT-4635	proteomics_heat	2691067	2691129	-	5	12	R.HTITPQLSTEDNALLLIDLK.G	25
PHEAT-4636	proteomics_heat	2691145	2691189	-	5	22	R.EMTSPLSLVISAFAR.V	19
PHEAT-4637	proteomics_heat	2691238	2691291	-	5	9	K.AVGEELCPALGLTIPVGK.D	22
PHEAT-4638	proteomics_heat	2691292	2691360	-	5	2	K.LSANWMAAAGHPGEDAGLYEAVK.A	27
PHEAT-4639	proteomics_heat	2691367	2691426	-	5	7	R.LAVGEALTNIAATQIGDIK.R	24
PHEAT-4640	proteomics_heat	2691370	2691426	-	5	5	R.LAVGEALTNIAATQIGDIK.R	23
PHEAT-4641	proteomics_heat	2691370	2691429	-	5	2	A.RLAVGEALTNIAATQIGDIK.R	24
PHEAT-4642	proteomics_heat	2691427	2691465	-	5	4	R.APVALLDFAASAR.L	17
PHEAT-4643	proteomics_heat	2691592	2691618	-	5	2	K.TFLVTIGDR.S	13
PHEAT-4644	proteomics_heat	2691649	2691681	-	5	2	R.EGITIADAVKR.V	15
PHEAT-4645	proteomics_heat	2691742	2691792	-	5	14	R.HFDNQPIDLPLDVLLGK.T	21
PHEAT-4646	proteomics_heat	2691793	2691858	-	5	10	R.ERAPYAVIGEATEELHLSLHDR.H	26
PHEAT-4647	proteomics_heat	2691862	2691915	-	5	7	R.YVLAVAADQLPLFDELCK.R	22
PHEAT-4648	proteomics_heat	2691916	2691981	-	5	6	R.EILSDEPGMSPLEIWCNESQER.Y	26
PHEAT-4649	proteomics_heat	2692003	2692104	-	5	3	R.CWQLGDANPILFIHVDVGAGGLSNAMPELVSDGGR.G	38
PHEAT-4650	proteomics_heat	2692105	2692125	-	5	2	R.CQEVIDR.C	11
PHEAT-4651	proteomics_heat	2692105	2692128	-	5	2	R.RCQEVIDR.C	12
PHEAT-4652	proteomics_heat	2692150	2692260	-	5	4	K.LVVLLGGPAMNIGLGGGAASSMASGQSDADLDFASVQR.D	41
PHEAT-4653	proteomics_heat	2692261	2692302	-	5	2	R.ADHVQKGEINVGAK.L	18
PHEAT-4654	proteomics_heat	2692351	2692380	-	5	5	K.VNSHNGEELR.G	14
PHEAT-4655	proteomics_heat	2692396	2692434	-	5	2	N.NEFGRPALNGYFR.T	17
PHEAT-4656	proteomics_heat	2692396	2692491	-	5	6	R.IVTALDIMTEGPLGGAAFNNEFGRPALNGYFR.T	36
PHEAT-4657	proteomics_heat	2692420	2692491	-	5	6	R.IVTALDIMTEGPLGGAAFNNEFGR.P	28
PHEAT-4658	proteomics_heat	2692492	2692542	-	5	5	R.IPGFEQPWEEDFGKPER.I	21
PHEAT-4659	proteomics_heat	2692543	2692578	-	5	5	K.AGLVGFVSNSLR.I	16
PHEAT-4660	proteomics_heat	2692594	2692689	-	5	8	K.VETHNHPTAISPWPGAATGSGGEIRDEGATGR.G	36
PHEAT-4661	proteomics_heat	2692615	2692689	-	5	3	K.VETHNHPTAISPWPGAATGSGGEIR.D	29
PHEAT-4662	proteomics_heat	2692690	2692728	-	5	7	R.YDFHQEPAHILMK.V	17
PHEAT-4663	proteomics_heat	2692729	2692755	-	5	6	R.YFADHETGR.Y	13
PHEAT-4664	proteomics_heat	2692756	2692794	-	5	11	K.DNAAVMEGSEVGR.Y	17
PHEAT-4665	proteomics_heat	2692756	2692839	-	5	3	K.NTFETTPDHVLSAYKDNAAVMEGSEVGR.Y	32
PHEAT-4666	proteomics_heat	2692795	2692839	-	5	5	K.NTFETTPDHVLSAYK.D	19
PHEAT-4667	proteomics_heat	2692861	2692905	-	5	4	K.IFNADWVIDGEQQPK.S	19
PHEAT-4668	proteomics_heat	2692912	2692968	-	5	4	R.NPNDIELYMFAQANSEHCR.H	23
PHEAT-4669	proteomics_heat	2692912	2692977	-	5	4	K.LGRNPNDIELYMFAQANSEHCR.H	26
PHEAT-4670	proteomics_heat	2692978	2693034	-	5	66	R.LGLALAEDEIDYLQDAFTK.L	23
PHEAT-4671	proteomics_heat	2693035	2693061	-	5	3	R.QALIDANLR.L	13
PHEAT-4672	proteomics_heat	2693062	2693163	-	5	14	R.MMETVFFALDDAEQLFAHHQPTPVTSDLLGQGR.Q	38
PHEAT-4673	proteomics_heat	2693164	2693241	-	5	17	R.GVAYYIEAGTLTNEQWQVTAELHDR.M	30
PHEAT-4674	proteomics_heat	2693242	2693295	-	5	3	K.ATDIAHNCGLQQVNR.LER.G	22

PHEAT-4675	proteomics_heat	2693251	2693295	-	5	12	K.ATDIAHNCGLQQVNR.L	19
PHEAT-4676	proteomics_heat	2693347	2693385	-	5	6	K.YGPALASHAPQGK.L	17
PHEAT-4677	proteomics_heat	2693395	2693484	-	5	10	R.LPVHNIYAEYVHFADLNAPLNDDDEHAQLER.L	34
PHEAT-4678	proteomics_heat	2699089	2699148	-	5	2	K.AIAAIPEMHELNIGHAIIIGR.A	24
PHEAT-4679	proteomics_heat	2699149	2699187	-	5	2	K.VNAGHGLTYHNVK.A	17
PHEAT-4680	proteomics_heat	2699158	2699187	-	5	5	K.VNAGHGLTYH.N	14
PHEAT-4681	proteomics_heat	2699230	2699262	-	5	6	K.TDAEQAQELAR.I	15
PHEAT-4682	proteomics_heat	2699263	2699325	-	5	4	K.AAAEVGAPFIEIHTGCYADAK.T	25
PHEAT-4683	proteomics_heat	2699326	2699385	-	5	2	R.LADAGIQVSLFIDADEEQIK.A	24
PHEAT-4684	proteomics_heat	2699364	2699435	-	4	23	A.AWMSQGSVTKCAMPANVWQMPGFR.F	28
PHEAT-4685	proteomics_heat	2699413	2699457	-	5	7	R.QEVTTEGGLDVAGQR.D	19
PHEAT-4686	proteomics_heat	2699413	2699460	-	5	4	K.RQEVTEGGLDVAGQR.D	20
PHEAT-4687	proteomics_heat	2699617	2699691	-	5	2	R.GTAYPDPVQAAAFIAEQAGADGITVH.L	29
PHEAT-4688	proteomics_heat	2699701	2699748	-	5	6	M.AELLLGVNIDHIATLR.N	20
PHEAT-4689	proteomics_heat	2700749	2700796	-	6	5	R.FLGAELPYSVTVEIER.F	20
PHEAT-4690	proteomics_heat	2701013	2701060	-	6	5	K.APVILAVNKVDNVQEK.A	20
PHEAT-4691	proteomics_heat	2701196	2701270	-	6	4	R.IVGIHTEGAYQAIYVDTPLHMEEK.R	29
PHEAT-4692	proteomics_heat	2701346	2701393	-	6	6	K.SYCGFIAIVGRPNVGK.S	20
PHEAT-4693	proteomics_heat	2701423	2701458	-	5	8	R.KAEQAAAEQALK.K	16
PHEAT-4694	proteomics_heat	2701462	2701545	-	5	7	R.GEAHQEFTIHCQVSGLSEPVVGTGSSR.R	32
PHEAT-4695	proteomics_heat	2701546	2701584	-	5	6	R.HLPLPTYLVVQVR.G	17
PHEAT-4696	proteomics_heat	2701615	2701656	-	5	3	R.LDEISPGDKQKDPK.T	18
PHEAT-4697	proteomics_heat	2701630	2701656	-	5	4	R.LDEISPGDK.Q	13
PHEAT-4698	proteomics_heat	2701684	2701761	-	5	3	R.ESILADTVEALIGGVFLDSDIQTVEK.L	30
PHEAT-4699	proteomics_heat	2701876	2701899	-	5	4	R.VDEGDMSR.M	12
PHEAT-4700	proteomics_heat	2701909	2701968	-	5	10	R.LEFLGDSILSYVIANALYHR.F	24
PHEAT-4701	proteomics_heat	2701996	2702049	-	5	4	K.LGYTFNHQELLQQALTHR.S	22
PHEAT-4702	proteomics_heat	2702062	2702085	-	5	2	R.MNPVIVINR.L	12
PHEAT-4703	proteomics_heat	2702621	2702647	-	6	2	K.ETLGDVTHR.I	13
PHEAT-4704	proteomics_heat	2702678	2702734	-	6	2	R.RNGGEATSGFFVVPKNETK.E	23
PHEAT-4705	proteomics_heat	2702735	2702842	-	6	2	K.ELTIQPGCSSGQACENALPVTYSNVEPSDFVQTFSR.R	40
PHEAT-4706	proteomics_heat	2702927	2702950	-	6	3	K.RGDIVVFK.Y	12
PHEAT-4707	proteomics_heat	2702951	2702977	-	6	3	K.TLIETGHPK.R	13
PHEAT-4708	proteomics_heat	2702978	2703013	-	6	5	K.FAYGIKDPYQK.T	16
PHEAT-4709	proteomics_heat	2703188	2703229	-	6	3	R.QAAAQAAAGDSLDK.A	18
PHEAT-4710	proteomics_heat	2703359	2703418	-	6	6	K.QIGNVELPQEAFLAILHVVGK.D	24
PHEAT-4711	proteomics_heat	2703725	2703757	-	6	2	R.GYASLDYNFKR.F	15
PHEAT-4712	proteomics_heat	2703872	2703946	-	6	8	R.EPIAECHMLLPQAYLGNVITLCVEK.R	29
PHEAT-4713	proteomics_heat	2703947	2704009	-	6	4	R.EVIYVDSPSKLPVNNIYELR.E	25
PHEAT-4714	proteomics_heat	2703980	2704009	-	6	2	R.EVIYVDSPSK.L	14
PHEAT-4715	proteomics_heat	2704010	2704075	-	6	5	R.EYDLDLITTAPTVVYEVETTSR.E	26
PHEAT-4716	proteomics_heat	2704085	2704129	-	6	5	R.CGFLGLLHMEIIQER.L	19
PHEAT-4717	proteomics_heat	2704130	2704198	-	6	5	K.LSLNDASLFYEPSSSALGFGFR.C	27
PHEAT-4718	proteomics_heat	2704214	2704276	-	6	4	K.VKPQVYAGLFPVSSDDYEAFR.D	25
PHEAT-4719	proteomics_heat	2704313	2704357	-	6	4	K.DIHGAPVGDTLTLAR.N	19
PHEAT-4720	proteomics_heat	2704394	2704417	-	6	2	K.QVDRTELK.C	12

PHEAT-4721	proteomics_heat	2704439	2704474	-	6	2	K.VMSTGQTYNADR.L	16
PHEAT-4722	proteomics_heat	2704622	2704654	-	6	3	K.TGVGVQDVLER.L	15
PHEAT-4723	proteomics_heat	2704667	2704720	-	6	5	R.VAEIEDIVGIDATDAVR.C	22
PHEAT-4724	proteomics_heat	2704721	2704750	-	6	4	K.IDLPAADPER.V	14
PHEAT-4725	proteomics_heat	2704877	2704954	-	6	3	K.ASDGETYQLNFIDTPGHVDFSYSVSR.S	30
PHEAT-4726	proteomics_heat	2704955	2704981	-	6	2	K.AQSVTLDYK.A	13
PHEAT-4727	proteomics_heat	2705003	2705044	-	6	3	R.EMEAQVLDSDMLER.E	18
PHEAT-4728	proteomics_heat	2705096	2705131	-	6	3	R.NFSIIAHIDHGK.S	16
PHEAT-4729	proteomics_heat	2706021	2706062	-	4	2	R.RPLPTMDNMPIESR.L	18
PHEAT-4730	proteomics_heat	2706168	2706224	-	4	2	R.VIAFNVNQDISSMQTLAK.A	23
PHEAT-4731	proteomics_heat	2706225	2706269	-	4	2	R.VDLLDRDGETLEQFR.V	19
PHEAT-4732	proteomics_heat	2706414	2706518	-	4	2	R.GNEISYFEPGLEPFTLNGDYIVDSLPSLIYDFKR.L	39
PHEAT-4733	proteomics_heat	2706621	2706707	-	4	2	A.TPASGALLQQMNLASQSLNYELSFISINK.Q	33
PHEAT-4734	proteomics_heat	2706917	2706994	-	6	3	K.ASPVSLGVPSEATANNGQQQVQEQR.R	30
PHEAT-4735	proteomics_heat	2707651	2707695	-	5	2	K.EISNPENLMLSEELR.Q	19
PHEAT-4736	proteomics_heat	2707867	2707917	-	5	2	R.YVPSGDVPDVVQEAFFIK.A	21
PHEAT-4737	proteomics_heat	2714124	2714153	-	4	5	R.FNSLTPEQQR.D	14
PHEAT-4738	proteomics_heat	2714175	2714231	-	4	15	R.ETLEDAVKHPEKYPQLTIR.V	23
PHEAT-4739	proteomics_heat	2714175	2714234	-	4	2	R.RETLEDAVKHPEKYPQLTIR.V	24
PHEAT-4740	proteomics_heat	2714196	2714231	-	4	8	R.ETLEDAVKHPEK.Y	16
PHEAT-4741	proteomics_heat	2714196	2714234	-	4	2	R.RETLEDAVKHPEK.Y	17
PHEAT-4742	proteomics_heat	2714208	2714234	-	4	3	R.RETLEDAVK.H	13
PHEAT-4743	proteomics_heat	2714235	2714273	-	4	23	R.VEGGQHLLNVNVL.R	17
PHEAT-4744	proteomics_heat	2714235	2714276	-	4	2	V.RVEGGQHLLNVNVL.R	18
PHEAT-4745	proteomics_heat	2714274	2714300	-	4	4	V.PVEVKPEVR.V	13
PHEAT-4746	proteomics_heat	2714274	2714306	-	4	12	R.EVPVEVKPEVR.V	15
PHEAT-4747	proteomics_heat	2714307	2714327	-	4	9	K.LGDIEYR.E	11
PHEAT-4748	proteomics_heat	2714328	2714366	-	4	31	K.AGYAEDEVVAVSK.L	17
PHEAT-4749	proteomics_heat	2714382	2714444	-	4	52	K.AANDLLNSFWLLDSEKGEAR.C	25
PHEAT-4750	proteomics_heat	2714394	2714444	-	4	22	K.AANDLLNSFWLLDSEK.G	21
PHEAT-4751	proteomics_heat	2714445	2714471	-	4	12	H.MITGIQITK.A	13
PHEAT-4752	proteomics_heat	2715609	2715677	-	4	2	K.MVLVLGQEYEGPLDAARDPNDLR.V	27
PHEAT-4753	proteomics_heat	2715696	2715752	-	4	4	R.QAGYTVVTTSSSEQGKPLFK.T	23
PHEAT-4754	proteomics_heat	2715753	2715827	-	4	9	R.TAEGGAEHVQPITGDNIVNVLDLDFR.Q	29
PHEAT-4755	proteomics_heat	2715828	2715878	-	4	3	K.GVVVQDAALLESAAIR.T	21
PHEAT-4756	proteomics_heat	2716014	2716058	-	4	3	K.ASGTEHHGGVCFLIK.K	19
PHEAT-4757	proteomics_heat	2716026	2716058	-	4	2	K.ASGTEHHGGVC.F	15
PHEAT-4758	proteomics_heat	2716059	2716094	-	4	9	K.AYHVVDEAELTK.A	16
PHEAT-4759	proteomics_heat	2716059	2716097	-	4	2	R.KAYHVVDEAELTK.A	17
PHEAT-4760	proteomics_heat	2716134	2716163	-	4	3	R.AWFIQSVTPR.F	14
PHEAT-4761	proteomics_heat	2716164	2716223	-	4	5	R.VYGENACQALFQSRPEAIVR.A	24
PHEAT-4762	proteomics_heat	2716275	2716328	-	4	3	R.APGDETPEKADHGGISGK.S	22
PHEAT-4763	proteomics_heat	2716275	2716349	-	4	2	S.PWRVSRAPGDETPEKADHGGISGK.S	29
PHEAT-4764	proteomics_heat	2723736	2723765	-	4	6	M.AESTVTADSK.L	14
PHEAT-4765	proteomics_heat	2729670	2729738	-	4	9	R.AIQQQIENPLAQQILSGELVPGK.V	27
PHEAT-4766	proteomics_heat	2729751	2729792	-	4	5	K.LLSENGYDPVYGAR.P	18

PHEAT-4767	proteomics_heat	2729793	2729828	-	4	6	R.GYEIHISDEALK.L	16
PHEAT-4768	proteomics_heat	2729853	2729927	-	4	2	R.IDEVVVVHPLGEQHIASIAQIQLKR.L	29
PHEAT-4769	proteomics_heat	2729856	2729927	-	4	27	R.IDEVVVVHPLGEQHIASIAQIQLK.R	28
PHEAT-4770	proteomics_heat	2729928	2729981	-	4	12	K.ELVLGVVSHNFRPEFINR.I	22
PHEAT-4771	proteomics_heat	2729982	2730011	-	4	6	R.FGELDYAHMK.E	14
PHEAT-4772	proteomics_heat	2730012	2730065	-	4	27	R.NTVVIMTSNLGSDLIQER.F	22
PHEAT-4773	proteomics_heat	2730081	2730152	-	4	4	K.AHPDVFNILLQVLDDGRLTDGQGR.T	28
PHEAT-4774	proteomics_heat	2730102	2730152	-	4	68	K.AHPDVFNILLQVLDDGR.L	21
PHEAT-4775	proteomics_heat	2730132	2730191	-	4	2	R.RPYSVILLDEVEKAHPDVFN.I	24
PHEAT-4776	proteomics_heat	2730153	2730191	-	4	12	R.RPYSVILLDEVEK.A	17
PHEAT-4777	proteomics_heat	2730195	2730260	-	4	19	R.LVGAPPGYVGYEEGGYLTEAVR.R	26
PHEAT-4778	proteomics_heat	2730195	2730263	-	4	4	S.RLVGAPPGYVGYEEGGYLTEAVR.R	27
PHEAT-4779	proteomics_heat	2730276	2730302	-	4	3	R.IDMSEFMEK.H	13
PHEAT-4780	proteomics_heat	2730303	2730347	-	4	7	K.ALANFMFDSDEAMVR.I	19
PHEAT-4781	proteomics_heat	2730363	2730431	-	4	7	R.AGLADPNRPIGSFLFLGPTGVGK.T	27
PHEAT-4782	proteomics_heat	2730441	2730488	-	4	5	R.VIGQNEAVDAVSNAIR.R	20
PHEAT-4783	proteomics_heat	2730441	2730491	-	4	7	H.RVIGQNEAVDAVSNAIR.R	21
PHEAT-4784	proteomics_heat	2730489	2730512	-	4	3	R.MEQELHHR.V	12
PHEAT-4785	proteomics_heat	2730570	2730605	-	4	4	K.VTDAEIAEVLAR.W	16
PHEAT-4786	proteomics_heat	2730570	2730611	-	4	13	R.NKVTDAAEIAEVLAR.W	18
PHEAT-4787	proteomics_heat	2730630	2730662	-	4	4	K.QLEAATQLEGK.T	15
PHEAT-4788	proteomics_heat	2730663	2730704	-	4	6	R.MSELQYGKIPLEK.Q	18
PHEAT-4789	proteomics_heat	2730681	2730704	-	4	5	R.MSELQYGK.I	12
PHEAT-4790	proteomics_heat	2730768	2730797	-	4	3	K.ASLSGTQTIK.A	14
PHEAT-4791	proteomics_heat	2730798	2730836	-	4	6	R.QYSELEEEWKAEK.A	17
PHEAT-4792	proteomics_heat	2730837	2730875	-	4	5	R.LDMLNEELSDKER.Q	17
PHEAT-4793	proteomics_heat	2730837	2730878	-	4	11	K.RLDMLNEELSDKER.Q	18
PHEAT-4794	proteomics_heat	2730837	2730881	-	4	2	K.KRLDMLNEELSDKER.Q	19
PHEAT-4795	proteomics_heat	2730843	2730878	-	4	2	K.RLDMLNEELSDK.E	16
PHEAT-4796	proteomics_heat	2730903	2730926	-	4	2	K.LEQQALMK.E	12
PHEAT-4797	proteomics_heat	2730945	2730989	-	4	3	R.MQIDSKPEELDR.LDR.R	19
PHEAT-4798	proteomics_heat	2730954	2730989	-	4	6	R.MQIDSKPEELDR.L	16
PHEAT-4799	proteomics_heat	2730990	2731028	-	4	4	K.AIDLIDEAASSIR.M	17
PHEAT-4800	proteomics_heat	2731143	2731190	-	4	14	K.VFVAEPSVEDTIAILR.G	20
PHEAT-4801	proteomics_heat	2731236	2731280	-	4	15	R.GELHCVGATTLDEYR.Q	19
PHEAT-4802	proteomics_heat	2731281	2731331	-	4	4	K.ADGAMDAGNMLKPALAR.G	21
PHEAT-4803	proteomics_heat	2731332	2731391	-	4	45	K.QEGNVILFIDELHTMVGAGK.A	24
PHEAT-4804	proteomics_heat	2731392	2731421	-	4	4	R.LKGVLNDLAK.Q	14
PHEAT-4805	proteomics_heat	2731422	2731445	-	4	8	K.YRGEFEER.L	12
PHEAT-4806	proteomics_heat	2731446	2731487	-	4	4	R.VLALDMGALVAGAK.Y	18
PHEAT-4807	proteomics_heat	2731446	2731490	-	4	7	R.RVLALDMGALVAGAK.Y	19
PHEAT-4808	proteomics_heat	2731497	2731529	-	4	4	R.IINGEVPEGLK.G	15
PHEAT-4809	proteomics_heat	2731530	2731559	-	4	4	K.TAIVEGLAQR.I	14
PHEAT-4810	proteomics_heat	2731560	2731598	-	4	5	K.NNPVLIGEPGVGK.T	17
PHEAT-4811	proteomics_heat	2731560	2731604	-	4	12	R.TKNNPVLIGEPGVGK.T	19
PHEAT-4812	proteomics_heat	2731629	2731682	-	4	7	R.AEQGKLDPVIGRDEEIRR.T	22

PHEAT-4813	proteomics_heat	2731632	2731682	-	4	3	R.AEQGKLDPVIGRDEEIR.R	21
PHEAT-4814	proteomics_heat	2731647	2731682	-	4	5	R.AEQGKLDPVIGR.D	16
PHEAT-4815	proteomics_heat	2731683	2731706	-	4	3	K.YTIDLTER.A	12
PHEAT-4816	proteomics_heat	2731683	2731709	-	4	4	K.KYTIDLTER.A	13
PHEAT-4817	proteomics_heat	2731707	2731742	-	4	2	D.QGAEDQRQALKK.Y	16
PHEAT-4818	proteomics_heat	2731722	2731763	-	4	7	R.GGESVNDQGAEDQR.Q	18
PHEAT-4819	proteomics_heat	2731764	2731814	-	4	9	K.AAGATTANITQAIEQMR.G	21
PHEAT-4820	proteomics_heat	2731839	2731892	-	4	26	R.GDNFISSELFVLALESR.G	22
PHEAT-4821	proteomics_heat	2731839	2731895	-	4	41	K.RGDNFISSELFVLALESR.G	23
PHEAT-4822	proteomics_heat	2731896	2731928	-	4	2	R.VLNLCDKLAQK.R	15
PHEAT-4823	proteomics_heat	2731929	2731985	-	4	9	R.LPQVEGTGGDVQPSQDLVR.V	23
PHEAT-4824	proteomics_heat	2731929	2732012	-	4	5	R.TDINQALNRLPQVEGTGGDVQPSQDLVR.V	32
PHEAT-4825	proteomics_heat	2733206	2733322	-	6	3	R.VHMAHITHPLVGDVYGGRRPPKGAFAFISTLRKFDR.Q	43
PHEAT-4826	proteomics_heat	2733218	2733250	-	6	2	K.GASEAFISTLR.K	15
PHEAT-4827	proteomics_heat	2733584	2733622	-	6	4	R.LDKDTTGLMVVAK.T	17
PHEAT-4828	proteomics_heat	2733641	2733733	-	6	5	R.DLVVHPGAGNPDGTVLNALLHYYPPIADVPR.A	35
PHEAT-4829	proteomics_heat	2733683	2733733	-	6	2	R.DLVVHPGAGNPDGTVLN.A	21
PHEAT-4830	proteomics_heat	2733902	2733928	-	6	2	R.IKEWILDQR.V	13
PHEAT-4831	proteomics_heat	2733977	2734021	-	6	3	R.VQLTATVSENLQQR.L	19
PHEAT-4832	proteomics_heat	2734642	2734689	-	5	4	R.QTIFQEYQTFGGIGGV.L	20
PHEAT-4833	proteomics_heat	2737024	2737059	-	5	2	R.KVEHWFGDYAQR.F	16
PHEAT-4834	proteomics_heat	2737060	2737122	-	5	4	R.FGEAIELLEQGDKQAFIDSFR.K	25
PHEAT-4835	proteomics_heat	2737060	2737125	-	5	3	K.FGEAIELLEQGDKQAFIDSFR.K	26
PHEAT-4836	proteomics_heat	2737084	2737125	-	5	2	K.RFGEAIELLEQGDK.Q	18
PHEAT-4837	proteomics_heat	2737156	2737209	-	5	9	R.LFAQDPQLYADIIMSSER.N	22
PHEAT-4838	proteomics_heat	2737294	2737323	-	5	2	R.HFATFAYGLH.L	14
PHEAT-4839	proteomics_heat	2737324	2737374	-	5	2	R.ISAVEHDQNMAFIQALR.H	21
PHEAT-4840	proteomics_heat	2737465	2737557	-	5	7	K.NGPLQAMLVAHDGPVLGLHPMFGPDSGSLAK.Q	35
PHEAT-4841	proteomics_heat	2737558	2737590	-	5	2	K.DCILVDLASVK.N	15
PHEAT-4842	proteomics_heat	2737609	2737686	-	5	36	R.AADIVADAGMVIVSVPIHVTEQVIGK.L	30
PHEAT-4843	proteomics_heat	2737687	2737713	-	5	4	R.ILEQHDWDR.A	13
PHEAT-4844	proteomics_heat	2737756	2737815	-	5	4	K.TLCPSLRPVVIVGGGQMGR.L	24
PHEAT-4845	proteomics_heat	2737816	2737851	-	5	2	R.ESSSENDKGFK.T	16
PHEAT-4846	proteomics_heat	2737861	2737920	-	5	2	R.RAEAEALGVPPDLIEDVLR.V	24
PHEAT-4847	proteomics_heat	2737864	2737920	-	5	3	R.RAEAEALGVPPDLIEDVLR.R	23
PHEAT-4848	proteomics_heat	2737981	2738016	-	5	4	K.RLELVAEVGEVK.S	16
PHEAT-4849	proteomics_heat	2738017	2738064	-	5	2	R.DQIDEVDKALLNLLAK.R	20
PHEAT-4850	proteomics_heat	2738017	2738088	-	5	21	M.VAELTALRDQIDEVDKALLNLLAK.R	28
PHEAT-4851	proteomics_heat	2738041	2738064	-	5	2	R.DQIDEVDK.A	12
PHEAT-4852	proteomics_heat	2738041	2738088	-	5	3	M.VAELTALRDQIDEVDK.A	20
PHEAT-4853	proteomics_heat	2738111	2738149	-	6	4	R.EIHQDLNGQLTAR.V	17
PHEAT-4854	proteomics_heat	2738222	2738287	-	6	2	R.SIIGLMIESNIHEGNQSSEQPR.S	26
PHEAT-4855	proteomics_heat	2738255	2738299	-	6	4	K.DGNRSIIGLMIESNI.H	19
PHEAT-4856	proteomics_heat	2738300	2738341	-	6	6	R.RQPAVAESVVAQIK.D	18
PHEAT-4857	proteomics_heat	2738417	2738458	-	6	2	K.APNYSPADVAQCEK.E	18
PHEAT-4858	proteomics_heat	2738468	2738545	-	6	5	R.FVGINQAGQVALLQTQGNPDGHVILR.G	30

PHEAT-4859	proteomics_heat	2738468	2738548	-	6	3	H.RFVGINQAGQVALLQTQGNPDGHVILR.G	31
PHEAT-4860	proteomics_heat	2738567	2738611	-	6	2	K.NGTDGSLATAINAMR.A	19
PHEAT-4861	proteomics_heat	2738873	2738893	-	6	3	R.VYFEKPR.T	11
PHEAT-4862	proteomics_heat	2738873	2738893	-	6	3	R.VYFEKPR.T	11
PHEAT-4863	proteomics_heat	2739050	2739100	-	6	6	K.AAFPLSLQQEAQIADSR.K	21
PHEAT-4864	proteomics_heat	2742289	2742336	-	5	5	R.VFQTHSPVVDSISVKR.R	20
PHEAT-4865	proteomics_heat	2742292	2742336	-	5	45	R.VFQTHSPVVDSISVK.R	19
PHEAT-4866	proteomics_heat	2742292	2742339	-	5	3	E.RVFQTHSPVVDSISVK.R	20
PHEAT-4867	proteomics_heat	2742337	2742363	-	5	3	K.ISNGEGVER.V	13
PHEAT-4868	proteomics_heat	2742337	2742366	-	5	12	R.KISNGEGVER.V	14
PHEAT-4869	proteomics_heat	2742367	2742393	-	5	3	R.GLHSAFTVR.K	13
PHEAT-4870	proteomics_heat	2742400	2742435	-	5	34	R.LQAFEGVVIAIR.N	16
PHEAT-4871	proteomics_heat	2742439	2742465	-	5	4	K.VWVVEGSKK.R	13
PHEAT-4872	proteomics_heat	2742442	2742465	-	5	9	K.VWVVEGSK.K	12
PHEAT-4873	proteomics_heat	2742466	2742510	-	5	6	K.QDVPSFRPGDTVEVK.V	19
PHEAT-4874	proteomics_heat	2742466	2742534	-	5	7	K.QLEQEQMKQDVPSFRPGDTVEVK.V	27
PHEAT-4875	proteomics_heat	2742511	2742534	-	5	4	K.QLEQEQMK.Q	12
PHEAT-4876	proteomics_heat	2742657	2742704	-	4	3	R.RPELLENLALTEEQAR.L	20
PHEAT-4877	proteomics_heat	2743041	2743085	-	4	4	R.KLDQAGVSELATNQK.L	19
PHEAT-4878	proteomics_heat	2743158	2743220	-	4	2	R.TVDDRPYGGGPGMLMMVQPLR.D	25
PHEAT-4879	proteomics_heat	2743515	2743562	-	4	2	K.VVDMMETGSNDVLVIK.A	20
PHEAT-4880	proteomics_heat	2743563	2743613	-	4	11	K.DLMGCQVVTTEGYDLGK.V	21
PHEAT-4881	proteomics_heat	2743563	2743634	-	4	2	E.EGDYYWKDLMGCQVVTTEGYDLGK.V	28
PHEAT-4882	proteomics_heat	2743749	2743787	-	4	3	K.AGQWQQVQLESWK.H	17
PHEAT-4883	proteomics_heat	2743788	2743850	-	4	3	R.VFSSTEDAESIFDYQPWFIQK.A	25
PHEAT-4884	proteomics_heat	2743887	2743931	-	4	3	K.QLTAQAPVDPIVLGK.M	19
PHEAT-4885	proteomics_heat	2743998	2744033	-	4	3	A.HWVQGQATISDR.V	16
PHEAT-4886	proteomics_heat	2743998	2744039	-	4	74	R.IAHWVGQGATISDR.V	18
PHEAT-4887	proteomics_heat	2744004	2744039	-	4	2	R.IAHWVGQGATIS.D	16
PHEAT-4888	proteomics_heat	2744040	2744102	-	4	7	R.VGFFNPIASEKEEGTRLDLDR.I	25
PHEAT-4889	proteomics_heat	2744055	2744102	-	4	11	R.VGFFNPIASEKEEGTR.L	20
PHEAT-4890	proteomics_heat	2744070	2744102	-	4	7	R.VGFFNPIASEK.E	15
PHEAT-4891	proteomics_heat	2744133	2744159	-	4	2	F.YQVVVADSR.N	13
PHEAT-4892	proteomics_heat	2744133	2744168	-	4	4	K.RPFYQVVVADSR.N	16
PHEAT-4893	proteomics_heat	2744133	2744171	-	4	14	K.KRPFYQVVVADSR.N	17
PHEAT-4894	proteomics_heat	2744573	2744614	-	6	4	R.IAAGCGMQVDVNR.L	18
PHEAT-4895	proteomics_heat	2744801	2744845	-	6	2	K.KGDGFDLNDFLEQLR.Q	19
PHEAT-4896	proteomics_heat	2744888	2744938	-	6	19	R.ILGMGDVLSLIEDIESK.V	21
PHEAT-4897	proteomics_heat	2745071	2745115	-	6	3	K.AFNEALPLTGTVLTK.V	19
PHEAT-4898	proteomics_heat	2745116	2745154	-	6	2	V.DAMTGQDAANTAK.A	17
PHEAT-4899	proteomics_heat	2745116	2745199	-	6	8	K.QVHASINPVETLFVVDAMTGQDAANTAK.A	32
PHEAT-4900	proteomics_heat	2745200	2745235	-	6	3	R.LHVDEAMMDEIK.Q	16
PHEAT-4901	proteomics_heat	2745380	2745424	-	6	3	K.VLVVSADVVRPAAIK.Q	19
PHEAT-4902	proteomics_heat	2745479	2745580	-	6	3	R.NELVAAMGEENQTLNLAAQPPAVVLMAGLQGAGK.T	38
PHEAT-4903	proteomics_heat	2745722	2745754	-	6	4	R.LTEDNVKDTLR.E	15
PHEAT-4904	proteomics_heat	2748347	2748397	-	6	42	K.ANPDMSAMVEGIELTLK.S	21

PHEAT-4905	proteomics_heat	2748347	2748418	-	6	25	R.ALEVADKANPDMSAMVEGIELTLK.S	28
PHEAT-4906	proteomics_heat	2748398	2748418	-	6	2	R.ALEVADK.A	11
PHEAT-4907	proteomics_heat	2748419	2748460	-	6	15	K.FINELLPVIDSLDR.A	18
PHEAT-4908	proteomics_heat	2748485	2748508	-	6	2	R.RTELDIEK.A	12
PHEAT-4909	proteomics_heat	2748512	2748538	-	6	3	R.VKAEMENLR.R	13
PHEAT-4910	proteomics_heat	2748560	2748601	-	6	10	K.VANLEAQLAEAQTR.E	18
PHEAT-4911	proteomics_heat	2748611	2748709	-	6	8	K.TPEGQAPEEIIDMQHEEIEAVEPEASAEQVDPR.D	37
PHEAT-4912	proteomics_heat	2770129	2770173	-	5	2	M.SNITIIYHNPACGTSR.N	19
PHEAT-4913	proteomics_heat	2770129	2770173	-	5	2	M.SNITIIYHNPACGTSR.N	19
PHEAT-4914	proteomics_heat	2771786	2771857	-	6	3	I.AETNGIADKIIIGICFILLRWKRR.E	28
PHEAT-4915	proteomics_heat	2794410	2794439	-	4	2	K.IFEANKPMLK.S	14
PHEAT-4916	proteomics_heat	2794503	2794544	-	4	2	K.TATPATASQFYTVK.S	18
PHEAT-4917	proteomics_heat	2794545	2794601	-	4	18	K.ILVAVGNISGIASVDDQVK.T	23
PHEAT-4918	proteomics_heat	2794608	2794646	-	4	7	K.ATVTGDGLSQEAK.E	17
PHEAT-4919	proteomics_heat	2794647	2794697	-	4	6	K.TGIPDADKVNIIQIADGK.A	21
PHEAT-4920	proteomics_heat	2794719	2794769	-	4	4	K.LWDAVTGQHDKDDQAKK.V	21
PHEAT-4921	proteomics_heat	2794722	2794769	-	4	5	K.LWDAVTGQHDKDDQAK.K	20
PHEAT-4922	proteomics_heat	2796137	2796175	-	6	33	R.TPKPIAQUALAEGK.S	17
PHEAT-4923	proteomics_heat	2796176	2796196	-	6	4	K.TWTGQGR.T	11
PHEAT-4924	proteomics_heat	2796176	2796196	-	6	4	K.TWTGQGR.T	11
PHEAT-4925	proteomics_heat	2796197	2796223	-	6	7	K.FTDVNGETK.T	13
PHEAT-4926	proteomics_heat	2796197	2796229	-	6	9	K.YKFTDVNGETK.T	15
PHEAT-4927	proteomics_heat	2796263	2796304	-	6	2	N.PEELLGNSSAAAPR.A	18
PHEAT-4928	proteomics_heat	2796263	2796319	-	6	17	K.ADGINPEELLGNSSAAAPR.A	23
PHEAT-4929	proteomics_heat	2796320	2796346	-	6	3	K.ISTWLELMK.A	13
PHEAT-4930	proteomics_heat	2796422	2796460	-	6	53	R.EFSIDVLEEMLEK.F	17
PHEAT-4931	proteomics_heat	2796482	2796514	-	6	5	M.SVMLQSLNNIR.T	15
PHEAT-4932	proteomics_heat	2812243	2812266	-	5	2	K.EKLQELHI.-	12
PHEAT-4933	proteomics_heat	2812267	2812299	-	5	2	R.INSNEELALPK.E	15
PHEAT-4934	proteomics_heat	2812324	2812353	-	5	2	H.SLQEAQDIAR.S	14
PHEAT-4935	proteomics_heat	2812324	2812416	-	5	5	K.VQDQNQIPELNVYQCGTYQMHSLQEAQDIAR.S	35
PHEAT-4936	proteomics_heat	2812354	2812416	-	5	5	K.VQDQNQIPELNVYQCGTYQMH.S	25
PHEAT-4937	proteomics_heat	2812417	2812440	-	5	2	K.AAMEDVLK.V	12
PHEAT-4938	proteomics_heat	2812459	2812503	-	5	13	R.TGFYMSLIGTPDEQR.V	19
PHEAT-4939	proteomics_heat	2812504	2812560	-	5	12	R.NHLNGNGVEIIDISPMGCR.T	23
PHEAT-4940	proteomics_heat	2812561	2812602	-	5	3	R.GIHTLEHLFAGFMR.N	18
PHEAT-4941	proteomics_heat	2812567	2812602	-	5	3	R.GIHTLEHLFAGF.M	16
PHEAT-4942	proteomics_heat	2812573	2812602	-	5	2	R.GIHTLEHLFA.G	14
PHEAT-4943	proteomics_heat	2812603	2812638	-	5	7	R.FCVPNKEVMPER.G	16
PHEAT-4944	proteomics_heat	2812621	2812638	-	5	2	R.FCVPNK.E	10
PHEAT-4945	proteomics_heat	2812639	2812686	-	5	19	K.TMNTPHGDAITVFDLR.F	20
PHEAT-4946	proteomics_heat	2812717	2812752	-	5	13	M.PLLDSFTVDHTR.M	16
PHEAT-4947	proteomics_heat	2812914	2812967	-	4	2	R.QQEMEAADTEPFAVWLEK.H	22
PHEAT-4948	proteomics_heat	2812914	2812970	-	4	3	R.RQQEMEAADTEPFAVWLEK.H	23
PHEAT-4949	proteomics_heat	2813169	2813216	-	4	5	R.VAQTLDSSINGGEAYQK.V	20
PHEAT-4950	proteomics_heat	2813241	2813306	-	4	4	R.KPGLTLGIGCETAQFPLPQVGK.D	26

PHEAT-4951	proteomics_heat	2813340	2813390	-	4	3	C.ALADAPEMSSSELEACTR.V	21
PHEAT-4952	proteomics_heat	2813418	2813471	-	4	6	R.SLDINPFSPIGVDEQQVR.F	22
PHEAT-4953	proteomics_heat	2813544	2813606	-	4	3	R.LQINSNVLQIENELYAPIRPK.R	25
PHEAT-4954	proteomics_heat	2813730	2813756	-	4	2	R.LSDLGYTNK.S	13
PHEAT-4955	proteomics_heat	2813802	2813894	-	4	2	R.FGWVIPYLFGASPAICSSFLQGKPTSLPFEK.T	35
PHEAT-4956	proteomics_heat	2813943	2813972	-	4	2	K.CGDISGADAK.E	14
PHEAT-4957	proteomics_heat	2814297	2814365	-	4	6	R.VNADGTLATTGHPEALGSALTHK.W	27
PHEAT-4958	proteomics_heat	2815109	2815147	-	6	2	R.HYFDAVVAADHVK.H	17
PHEAT-4959	proteomics_heat	2815148	2815219	-	6	4	R.RPMAVGTGSESAIAEALLAHLGLR.H	28
PHEAT-4960	proteomics_heat	2817019	2817054	-	5	9	K.EVSVHREEIYQR.I	16
PHEAT-4961	proteomics_heat	2817091	2817147	-	5	4	R.VGETLMIGDEVTVTVLGVK.G	23
PHEAT-4962	proteomics_heat	2817091	2817150	-	5	2	R.RVGETLMIGDEVTVTVLGVK.G	24
PHEAT-4963	proteomics_heat	2817430	2817507	-	5	7	K.GGGRPDMAQAGGTDAAALPAALASVK.G	30
PHEAT-4964	proteomics_heat	2817508	2817552	-	5	5	K.AGELIGMVAQQVGGK.G	19
PHEAT-4965	proteomics_heat	2817508	2817558	-	5	2	R.VKAGELIGMVAQQVGGK.G	21
PHEAT-4966	proteomics_heat	2817574	2817600	-	5	3	K.VSLIAGVSK.D	13
PHEAT-4967	proteomics_heat	2817601	2817651	-	5	15	K.NQLGSTIIVLATVVEGK.V	21
PHEAT-4968	proteomics_heat	2817601	2817672	-	5	47	R.TMVDDLKNQLGSTIIVLATVVEGK.V	28
PHEAT-4969	proteomics_heat	2817682	2817717	-	5	3	K.LLVSELSGVPEK.M	16
PHEAT-4970	proteomics_heat	2817742	2817783	-	5	8	K.EQAAAQESANLSSK.A	18
PHEAT-4971	proteomics_heat	2817835	2817867	-	5	6	K.GDSNNLADKVR.S	15
PHEAT-4972	proteomics_heat	2817868	2817894	-	5	5	R.LSEVAHLLK.G	13
PHEAT-4973	proteomics_heat	2817895	2817951	-	5	3	R.IEAVTGEGAIATVHADSDR.L	23
PHEAT-4974	proteomics_heat	2817895	2817954	-	5	16	R.RIEAVTGEGAIATVHADSDR.L	24
PHEAT-4975	proteomics_heat	2817955	2817990	-	5	3	R.IISESGTAAGVR.R	16
PHEAT-4976	proteomics_heat	2818015	2818071	-	5	6	R.VLSMGDFSTELCGGTHASR.T	23
PHEAT-4977	proteomics_heat	2818090	2818116	-	5	5	K.GAMALFGEK.Y	13
PHEAT-4978	proteomics_heat	2818123	2818167	-	5	7	R.NLPIETNIMDLEAAK.A	19
PHEAT-4979	proteomics_heat	2818123	2818170	-	5	2	R.RNLPIETNIMDLEAAK.A	20
PHEAT-4980	proteomics_heat	2818171	2818203	-	5	4	R.AVEDLVNTQIR.R	15
PHEAT-4981	proteomics_heat	2818204	2818248	-	5	12	R.FDFSHNEAMKPEEIR.A	19
PHEAT-4982	proteomics_heat	2818279	2818308	-	5	7	R.QVLGTHVSQK.G	14
PHEAT-4983	proteomics_heat	2818366	2818404	-	5	14	K.VGDAVQADVDEAR.R	17
PHEAT-4984	proteomics_heat	2818426	2818455	-	5	14	K.YGQAIGHIGK.L	14
PHEAT-4985	proteomics_heat	2818456	2818494	-	5	3	K.GANFSFAVEDTQK.Y	17
PHEAT-4986	proteomics_heat	2818495	2818599	-	5	3	K.AVDAINAGQEAVVVLDTQPFYAESGGQVGDKGELK.G	39
PHEAT-4987	proteomics_heat	2818600	2818626	-	5	5	K.VTALFVDGK.A	13
PHEAT-4988	proteomics_heat	2818627	2818656	-	5	7	K.GYDHLELNGK.V	14
PHEAT-4989	proteomics_heat	2818627	2818680	-	5	4	R.VDSASEFKGYDHLELNGK.V	22
PHEAT-4990	proteomics_heat	2818732	2818785	-	5	2	R.NIKVDEAGFEAAMEEQRR.R	22
PHEAT-4991	proteomics_heat	2818735	2818776	-	5	4	K.VDEAGFEAAMEEQRR.R	18
PHEAT-4992	proteomics_heat	2818735	2818785	-	5	4	R.NIKVDEAGFEAAMEEQRR.R	21
PHEAT-4993	proteomics_heat	2818792	2818842	-	5	6	R.LYDTYGFPPVLTADVCR.E	21
PHEAT-4994	proteomics_heat	2818843	2818881	-	5	5	K.LSGDTLDGETAFR.L	17
PHEAT-4995	proteomics_heat	2818882	2818914	-	5	5	R.GLALLDEELAK.L	15
PHEAT-4996	proteomics_heat	2818927	2818980	-	5	3	R.QQAQVEQLKTEEEQFAR.T	22

PHEAT-4997	proteomics_heat	2818951	2818980	-	5	2	R.QQAQVEQVLK.T	14
PHEAT-4998	proteomics_heat	2818981	2819034	-	5	2	K.LVGPLIDVMGSAGEDLKR.Q	22
PHEAT-4999	proteomics_heat	2819053	2819076	-	5	2	R.HGNMLGAK.E	12
PHEAT-5000	proteomics_heat	2819116	2819166	-	5	5	R.SCAFLIADGVMPSNENR.G	21
PHEAT-5001	proteomics_heat	2819197	2819226	-	5	9	K.VTGATDLSNK.S	14
PHEAT-5002	proteomics_heat	2819251	2819304	-	5	6	R.IAAVLQHVNSNYDIDLFR.T	22
PHEAT-5003	proteomics_heat	2819677	2819721	-	5	7	K.HDAIQFAWELLTSEK.W	19
PHEAT-5004	proteomics_heat	2819776	2819811	-	5	7	K.HNDLENVGYTAR.H	16
PHEAT-5005	proteomics_heat	2819890	2819976	-	5	22	K.GHQVVASSSLVPHNDPTLLFTNAGMNQFK.D	33
PHEAT-5006	proteomics_heat	2819977	2820006	-	5	3	R.QAFLDFFHSK.G	14
PHEAT-5007	proteomics_heat	2820838	2820882	-	5	3	K.ANATAWLKDNPETAK.E	19
PHEAT-5008	proteomics_heat	2820907	2820930	-	5	2	K.AGAWYSYK.G	12
PHEAT-5009	proteomics_heat	2821060	2821092	-	5	6	K.EGENVVGSETR.V	15
PHEAT-5010	proteomics_heat	2821141	2821194	-	5	4	K.IGVMFGNPETTTGGNALK.F	22
PHEAT-5011	proteomics_heat	2821201	2821239	-	5	3	K.QSNTLLIFINQIR.M	17
PHEAT-5012	proteomics_heat	2821282	2821332	-	5	8	K.AEIEGEIGDSHMGLAAR.M	21
PHEAT-5013	proteomics_heat	2821333	2821386	-	5	13	R.SGAVDVIVVDSVAALTPK.A	22
PHEAT-5014	proteomics_heat	2821387	2821470	-	5	9	K.LGVDIDNLLCSQPDTGEQALEICDALAR.S	32
PHEAT-5015	proteomics_heat	2821387	2821473	-	5	5	R.KLGVDIDNLLCSQPDTGEQALEICDALAR.S	33
PHEAT-5016	proteomics_heat	2821474	2821524	-	5	7	K.TCAFIDAEHALDPIYAR.K	21
PHEAT-5017	proteomics_heat	2821573	2821608	-	5	3	R.IVEIYGPESSGK.T	16
PHEAT-5018	proteomics_heat	2821732	2821764	-	5	6	K.ALAAALGQIEK.Q	15
PHEAT-5019	proteomics_heat	2822093	2822164	-	6	4	R.EETLAQHGAIVSEPVVEMAIGALK.A	28
PHEAT-5020	proteomics_heat	2822258	2822308	-	6	2	R.GATVTTAESCTGGWVAK.V	21
PHEAT-5021	proteomics_heat	2822315	2822368	-	6	2	V.MTDSELMQLSEQVGQALK.A	22
PHEAT-5022	proteomics_heat	2822651	2822731	-	6	4	K.YSISQLAAAGLTPQQPLGNHQQASLLR.L	31
PHEAT-5023	proteomics_heat	2822903	2822956	-	6	2	K.GSFAGAMGYGQFMPSSYK.Q	22
PHEAT-5024	proteomics_heat	2822957	2822986	-	6	4	R.DEQDDPLNLK.G	14
PHEAT-5025	proteomics_heat	2823251	2823319	-	6	2	R.LMDNQAPTTSVKPPSPNGAWLR.Y	27
PHEAT-5026	proteomics_heat	2831845	2831931	-	5	3	F.CLRCQFFKDVFAEGAFRAEEVIRDFTPRR.S	33
PHEAT-5027	proteomics_heat	2836411	2836500	-	5	2	R.GVAVPEQVSVIGFDDIAIAPYTPALSSVK.I	34
PHEAT-5028	proteomics_heat	2836696	2836794	-	5	4	K.QTSFNAVAELINAGHQEIAFLTGSMDSPSTIER.L	37
PHEAT-5029	proteomics_heat	2840844	2840894	-	4	2	R.LLIVDATDMGLNPGEIR.I	21
PHEAT-5030	proteomics_heat	2864587	2864637	-	5	2	R.LREILQTQGLNIEALFR.E	21
PHEAT-5031	proteomics_heat	2864791	2864877	-	5	2	K.ALLDILADEKENGPEDTTQDDDMKQSIVK.W	33
PHEAT-5032	proteomics_heat	2864800	2864847	-	5	5	K.ENGPEDTTQDDDMKQS.I	20
PHEAT-5033	proteomics_heat	2864803	2864847	-	5	4	K.ENGPEDTTQDDDMKQ.S	19
PHEAT-5034	proteomics_heat	2864806	2864877	-	5	2	K.ALLDILADEKENGPEDTTQDDDMK.Q	28
PHEAT-5035	proteomics_heat	2864878	2864919	-	5	4	R.ITSVDTPLGGDSEK.A	18
PHEAT-5036	proteomics_heat	2864941	2865009	-	5	2	K.LDHEPSAEEIAEQLDKPVDDVSR.M	27
PHEAT-5037	proteomics_heat	2864941	2865024	-	5	2	R.ELSHKLDHEPSAEEIAEQLDKPVDDVSR.M	32
PHEAT-5038	proteomics_heat	2865187	2865237	-	5	19	R.GLALLDLIEEGLNLGIR.A	21
PHEAT-5039	proteomics_heat	2865331	2865414	-	5	4	R.VLDATQLYLGEIGYSPLLTAEVEVYFAR.R	32
PHEAT-5040	proteomics_heat	2865415	2865489	-	5	8	K.ALVEQEPSDNDLAEELLSSQGATQR.V	29
PHEAT-5041	proteomics_heat	2865702	2865740	-	4	3	K.IATMGSTGTSSTR.L	17
PHEAT-5042	proteomics_heat	2865771	2865824	-	4	6	K.HNDDYLSAYAHNDTMLVR.E	22

PHEAT-5043	proteomics_heat	2865825	2865851	-	4	2	R.GYGNLIHK.H	13
PHEAT-5044	proteomics_heat	2865852	2865878	-	4	2	R.VVYAGNALR.G	13
PHEAT-5045	proteomics_heat	2865879	2865911	-	4	2	K.GQAIATADGR.V	15
PHEAT-5046	proteomics_heat	2865936	2865974	-	4	2	K.VIETFGASEGGNK.G	17
PHEAT-5047	proteomics_heat	2865993	2866115	-	4	2	K.MLPNNKPTATTVTAPVTVPTASTTEPTVSSTSTSTPISTWR.W	45
PHEAT-5048	proteomics_heat	2866347	2866397	-	4	2	K.KGDTLFYIAWITGNDFR.D	21
PHEAT-5049	proteomics_heat	2866467	2866565	-	4	7	I.QPVQQPQIQATQQPQIQPVQPVAQQPVQMENGR.I	37
PHEAT-5050	proteomics_heat	2866467	2866601	-	4	2	K.MGTTSTAQQPQIQPVQQPQIQATQQPQIQPVQPVAQQPVQMENGR.I	49
PHEAT-5051	proteomics_heat	2866948	2866989	-	5	3	R.RGGEFIIDTVEAVR.F	18
PHEAT-5052	proteomics_heat	2867227	2867307	-	5	2	R.VLEIGTGSQYQTALAHLVQHVCSVER.I	31
PHEAT-5053	proteomics_heat	2867500	2867529	-	5	3	R.RVQALLDQLR.A	14
PHEAT-5054	proteomics_heat	2867721	2867759	-	4	2	R.HPADQVIPQQDPR.G	17
PHEAT-5055	proteomics_heat	2868234	2868290	-	4	2	R.ILSNDDGVHAPGIQTLAK.A	23
PHEAT-5056	proteomics_heat	2868280	2868321	-	5	2	R.ELINTTGDYAHIAE.-	18
PHEAT-5057	proteomics_heat	2868454	2868519	-	5	11	R.EALAFEQAAVAETELQALLVR.E	26
PHEAT-5058	proteomics_heat	2868637	2868687	-	5	2	K.ADVNQVVDGDALQLAGR.G	21
PHEAT-5059	proteomics_heat	2868769	2868795	-	5	2	R.WAQTNTPV.R.D	13
PHEAT-5060	proteomics_heat	2868796	2868834	-	5	2	R.FGIGGSNLQGAQR.W	17
PHEAT-5061	proteomics_heat	2869264	2869326	-	5	2	K.MIEFDNLTYLHGKPPQGTLLK.A	25
PHEAT-5062	proteomics_heat	2869413	2869463	-	4	4	R.VFIAEDLGCHMDDVNVK.A	21
PHEAT-5063	proteomics_heat	2869626	2869715	-	4	6	K.GLLAHSDDGVALHALTDALLGAAALGDIGK.L	34
PHEAT-5064	proteomics_heat	2869731	2869796	-	4	8	R.IGHGFVDFVAFGGEGPIIIGGVR.I	26
PHEAT-5065	proteomics_heat	2869826	2869873	-	6	2	K.VTRPEDLALAEFYLTR.T	20
PHEAT-5066	proteomics_heat	2869889	2869972	-	6	3	R.ALNEGATITDEASALEYCGFHPQLVEGR.A	32
PHEAT-5067	proteomics_heat	2870000	2870041	-	6	2	R.NGLWHALTPQFFPR.E	18
PHEAT-5068	proteomics_heat	2870042	2870068	-	6	2	K.NAIAHTVDR.N	13
PHEAT-5069	proteomics_heat	2870456	2870509	-	6	3	M.ATTHLDVCAVPAAGFGR.R	22
PHEAT-5070	proteomics_heat	2870708	2870749	-	6	4	R.VNDDVAAQATNAK.L	18
PHEAT-5071	proteomics_heat	2871589	2871636	-	5	2	R.FIEVFVDTPLAICEAR.D	20
PHEAT-5072	proteomics_heat	2871766	2871810	-	5	4	R.HGLCSDLGFSADARK.E	19
PHEAT-5073	proteomics_heat	2871811	2871852	-	5	2	K.LGVSTYLLDGDNVR.H	18
PHEAT-5074	proteomics_heat	2871853	2871891	-	5	2	K.STVAGALEEALHK.L	17
PHEAT-5075	proteomics_heat	2871955	2872011	-	5	3	M.ALHDENVVWVSHPVTVQQR.E	23
PHEAT-5076	proteomics_heat	2872062	2872172	-	4	12	R.LSNVTVGAGMVHEPVSQATAAPSEFSAFELELNLVR.R	41
PHEAT-5077	proteomics_heat	2872173	2872217	-	4	6	R.YQQNPVTGGLIFIDR.L	19
PHEAT-5078	proteomics_heat	2872218	2872292	-	4	24	R.EVENLPLNGIGLVDLTFDEPLVLDLDR.Y	29
PHEAT-5079	proteomics_heat	2872293	2872325	-	4	4	R.YQVDINNLTQR.E	15
PHEAT-5080	proteomics_heat	2872569	2872604	-	4	3	K.VLPSGVESNVAR.I	16
PHEAT-5081	proteomics_heat	2872569	2872610	-	4	2	R.VKVLPSPGVESNVAR.I	18
PHEAT-5082	proteomics_heat	2872701	2872724	-	4	4	R.VVDAQPMR.F	12
PHEAT-5083	proteomics_heat	2872839	2872889	-	4	2	R.EDYLTAFAGQLPGNLDIR.F	21
PHEAT-5084	proteomics_heat	2872839	2872895	-	4	6	R.IREDYLTAFAGQLPGNLDIR.F	23
PHEAT-5085	proteomics_heat	2872896	2872934	-	4	4	K.MDLVDYSEETFR.I	17
PHEAT-5086	proteomics_heat	2872935	2872958	-	4	3	K.HLVVAINK.M	12
PHEAT-5087	proteomics_heat	2872959	2872991	-	4	6	R.HSFISTLLGIK.H	15
PHEAT-5088	proteomics_heat	2872995	2873018	-	4	4	R.KGVLDQTR.R	12

PHEAT-5089	proteomics_heat	2873019	2873075	-	4	14	R.NMATGASTCELAILLIDAR.K	23
PHEAT-5090	proteomics_heat	2873076	2873117	-	4	6	K.FIIADTPGHEQYTR.N	18
PHEAT-5091	proteomics_heat	2873175	2873216	-	4	5	K.LDLALLVDGLQAER.E	18
PHEAT-5092	proteomics_heat	2873175	2873237	-	4	11	R.HGTQGEKLDLALLVDGLQAER.E	25
PHEAT-5093	proteomics_heat	2873238	2873285	-	4	6	R.QIYEDQLSSLHNSKR.H	20
PHEAT-5094	proteomics_heat	2873241	2873285	-	4	2	R.QIYEDQLSSLHNSK.R	19
PHEAT-5095	proteomics_heat	2873304	2873354	-	4	3	R.FLTCSVDDGKSTLIGR.L	21
PHEAT-5096	proteomics_heat	2873322	2873354	-	4	4	R.FLTCSVDDGK.S	15
PHEAT-5097	proteomics_heat	2873367	2873441	-	4	9	K.MNTALAQQIANEGGVEAWMIAQQHK.S	29
PHEAT-5098	proteomics_heat	2873464	2873490	-	5	2	R.DQAGSMELK.K	13
PHEAT-5099	proteomics_heat	2873464	2873502	-	5	5	R.VIDRDQAGSMELK.K	17
PHEAT-5100	proteomics_heat	2873512	2873610	-	5	27	R.TLGCWPLTGAVESNAQTLPEIIEEMLVSTTSER.Q	37
PHEAT-5101	proteomics_heat	2873632	2873694	-	5	3	R.DGMLMMIDDNRIDLQPGEVIK.K	25
PHEAT-5102	proteomics_heat	2873806	2873835	-	5	2	N.GQINKGESIR.V	14
PHEAT-5103	proteomics_heat	2873821	2873868	-	5	5	K.NQRPELWHNYNGQINK.G	20
PHEAT-5104	proteomics_heat	2873944	2873976	-	5	3	K.YGFDAAFGGAR.R	15
PHEAT-5105	proteomics_heat	2874025	2874078	-	5	7	K.NPEGVAMGINPFVHGSAK.H	22
PHEAT-5106	proteomics_heat	2874025	2874108	-	5	3	K.AYGCELLVHKNPEGVAMGINPFVHGSAK.H	32
PHEAT-5107	proteomics_heat	2874148	2874168	-	5	2	L.HVDTGWK.F	11
PHEAT-5108	proteomics_heat	2874148	2874204	-	5	5	K.AFYPGTLPFLLHVDTGWK.F	23
PHEAT-5109	proteomics_heat	2874148	2874207	-	5	11	R.KAFYPGTLPFLLHVDTGWK.F	24
PHEAT-5110	proteomics_heat	2874208	2874237	-	5	5	K.DSSVMLHLAR.K	14
PHEAT-5111	proteomics_heat	2874238	2874288	-	5	7	R.EVAAEFSNPVMLYSIGK.D	21
PHEAT-5112	proteomics_heat	2874289	2874321	-	5	2	R.QLEAESIHIIIR.E	15
PHEAT-5113	proteomics_heat	2879781	2879852	-	4	2	E.KISADAVTPWVVGGEIAWFCEQVAK.A	28
PHEAT-5114	proteomics_heat	2885678	2885734	-	6	7	K.YHPLWDEGYLSVGDTHTR.K	23
PHEAT-5115	proteomics_heat	2885909	2885944	-	6	5	K.YNDINKVEPMNR.A	16
PHEAT-5116	proteomics_heat	2885945	2885977	-	6	2	K.LWEQGVGIEK.Y	15
PHEAT-5117	proteomics_heat	2885987	2886019	-	6	2	R.ATESAAWQEAR.Y	15
PHEAT-5118	proteomics_heat	2886041	2886070	-	6	2	R.FIDELTDKLL.L	14
PHEAT-5119	proteomics_heat	2886227	2886283	-	6	2	R.ILALAETNAELEKLDAGEGR.V	23
PHEAT-5120	proteomics_heat	2886284	2886331	-	6	5	M.SKLDLNLNELPKVDR.I	20
PHEAT-5121	proteomics_heat	2886293	2886331	-	6	5	M.SKLDLNLNELPK.V	17
PHEAT-5122	proteomics_heat	2886424	2886459	-	5	4	R.AGIIRPVLDPAR.D	16
PHEAT-5123	proteomics_heat	2886460	2886495	-	5	2	R.EAGEGFGDFTVR.A	16
PHEAT-5124	proteomics_heat	2886460	2886501	-	5	4	K.EREAGEGFGDFTVR.A	18
PHEAT-5125	proteomics_heat	2886511	2886564	-	5	9	K.ENITEPEILASLDELIGR.W	22
PHEAT-5126	proteomics_heat	2886511	2886573	-	5	7	R.MYKENITEPEILASLDELIGR.W	25
PHEAT-5127	proteomics_heat	2886634	2886666	-	5	3	R.AMLAEVGLVGK.A	15
PHEAT-5128	proteomics_heat	2886697	2886729	-	5	3	K.HGVSDHEHIVMR.V	15
PHEAT-5129	proteomics_heat	2886730	2886774	-	5	10	R.FLPSFIDNIDNLMAK.H	19
PHEAT-5130	proteomics_heat	2886775	2886837	-	5	3	R.ENSMACVSFPTCLAMAEER.F	25
PHEAT-5131	proteomics_heat	2886838	2886873	-	5	2	K.ESGLMNAVTPQR.E	16
PHEAT-5132	proteomics_heat	2886898	2886948	-	5	7	R.ITANQNLIAGVPESEK.A	21
PHEAT-5133	proteomics_heat	2887024	2887071	-	5	3	K.GIDDNWHLTLFIENGR.I	20
PHEAT-5134	proteomics_heat	2887096	2887131	-	5	2	K.FEPIRPYEFTGR.G	16

PHEAT-5135	proteomics_heat	2887240	2887314	-	5	68	R.TASEFGYLPLEHTLAVAEAVTTQR.D	29
PHEAT-5136	proteomics_heat	2887327	2887386	-	5	2	K.LVGFNLLVGGGLSIEHGNKK.T	24
PHEAT-5137	proteomics_heat	2887480	2887530	-	5	9	K.VATTDEEPILGQTYLPR.K	21
PHEAT-5138	proteomics_heat	2887570	2887593	-	5	5	K.ISEHLLPR.T	12
PHEAT-5139	proteomics_heat	2887597	2887662	-	5	3	R.NVLCTSNPYESQLHAEAYEWAK.K	26
PHEAT-5140	proteomics_heat	2887663	2887737	-	5	5	K.NVKPVHQMLHSVGLDALATANDMNR.N	29
PHEAT-5141	proteomics_heat	2887741	2887770	-	5	2	R.QTFQFHGILK.K	14
PHEAT-5142	proteomics_heat	2887783	2887818	-	5	2	K.FAGENTIYGSIR.L	16
PHEAT-5143	proteomics_heat	2887840	2887866	-	5	4	R.LPGGVITTK.Q	13
PHEAT-5144	proteomics_heat	2887891	2887914	-	5	2	R.AEQKLEPR.H	12
PHEAT-5145	proteomics_heat	2887924	2887962	-	5	3	R.FHGMYQQDDRRDIR.A	17
PHEAT-5146	proteomics_heat	2887933	2887962	-	5	2	R.FHGMYQQDDR.D	14
PHEAT-5147	proteomics_heat	2887963	2888034	-	5	10	R.GTIAEDLNDGLTGGFKGDNFLLIR.F	28
PHEAT-5148	proteomics_heat	2887987	2888034	-	5	3	R.GTIAEDLNDGLTGGFK.G	20
PHEAT-5149	proteomics_heat	2888080	2888118	-	5	3	M.SEKHGPLVVEGK.L	17
PHEAT-5150	proteomics_heat	2888154	2888240	-	4	2	K.DVEQALLEVIAEFGGMDTEAADEFLESELR.V	33
PHEAT-5151	proteomics_heat	2888250	2888297	-	4	10	R.WINDGAHIYVCGDANR.M	20
PHEAT-5152	proteomics_heat	2888328	2888351	-	4	2	K.EKVYVQDK.L	12
PHEAT-5153	proteomics_heat	2888424	2888474	-	4	2	K.NWLFFGNPHFTEDFLYQ.V	21
PHEAT-5154	proteomics_heat	2888517	2888582	-	4	8	R.LPANPETPVIMIGPGTGIAPFR.A	26
PHEAT-5155	proteomics_heat	2888583	2888612	-	4	5	R.VFIEHNDNFR.L	14
PHEAT-5156	proteomics_heat	2888613	2888669	-	4	11	R.AGGASSFLADRVEEEGEVR.V	23
PHEAT-5157	proteomics_heat	2888694	2888762	-	4	5	R.LYSIASSQAEVENEVHVTVGVVR.Y	27
PHEAT-5158	proteomics_heat	2888763	2888825	-	4	4	R.FSPAQLDAEALINLLRPLTPR.L	25
PHEAT-5159	proteomics_heat	2888778	2888825	-	4	3	R.FSPAQLDAEALINLLR.P	20
PHEAT-5160	proteomics_heat	2888826	2888870	-	4	8	K.LQHYAATTPIVDMVR.F	19
PHEAT-5161	proteomics_heat	2888877	2888909	-	4	5	R.SETLLPLVGDK.A	15
PHEAT-5162	proteomics_heat	2889000	2889029	-	4	5	K.GDEPVTVEGK.T	14
PHEAT-5163	proteomics_heat	2889000	2889056	-	4	6	K.ELVELLWLKGDEPVTVEGK.T	23
PHEAT-5164	proteomics_heat	2889030	2889056	-	4	3	K.ELVELLWLK.G	13
PHEAT-5165	proteomics_heat	2889057	2889113	-	4	7	R.YQPGDALGVWYQNDPALVK.E	23
PHEAT-5166	proteomics_heat	2889114	2889149	-	4	8	R.HIEIDLGDSGMR.Y	16
PHEAT-5167	proteomics_heat	2889183	2889221	-	4	12	K.DAPLVASLSVNQK.I	17
PHEAT-5168	proteomics_heat	2889222	2889296	-	4	9	R.APVAAPSQSVATGAVNEIHTSPYSK.D	29
PHEAT-5169	proteomics_heat	2889222	2889302	-	4	14	K.SRAPVAAPSQSVATGAVNEIHTSPYSK.D	31
PHEAT-5170	proteomics_heat	2889327	2889371	-	4	8	R.VDADVEYQAAASEWR.A	19
PHEAT-5171	proteomics_heat	2889327	2889383	-	4	2	R.LLDRVDADVEYQAAASEWR.A	23
PHEAT-5172	proteomics_heat	2889522	2889590	-	4	7	K.LLIVVTSTQGEPEPEEVALHK.F	27
PHEAT-5173	proteomics_heat	2889615	2889638	-	4	3	K.LVNAGDYK.F	12
PHEAT-5174	proteomics_heat	2889651	2889689	-	4	4	R.VAEALRDDLLAAK.L	17
PHEAT-5175	proteomics_heat	2889861	2889917	-	4	13	M.TTQVPPSALLPLNPEQLAR.L	23
PHEAT-5176	proteomics_heat	2897543	2897620	-	6	17	R.WGDTQDLMGAAVFLASPASNYVNGHL.L	30
PHEAT-5177	proteomics_heat	2902889	2902942	-	6	4	R.DIEALDELLATLTDDKPR.V	22
PHEAT-5178	proteomics_heat	2903111	2903179	-	6	4	R.HVVITGGEPCHDLLPLTDLLEK.N	27
PHEAT-5179	proteomics_heat	2903194	2903241	-	5	4	S.GGLRAVKICWLSLVAR.D	20
PHEAT-5180	proteomics_heat	2904686	2904730	-	6	6	R.IEEALGEKAPYNGRK.E	19

PHEAT-5181	proteomics_heat	2904689	2904730	-	6	8	R.IEEALGEKAPYNGR.K	18
PHEAT-5182	proteomics_heat	2904707	2904730	-	6	4	R.IEEALGEK.A	12
PHEAT-5183	proteomics_heat	2904707	2904736	-	6	2	L.IRIEALGEK.A	14
PHEAT-5184	proteomics_heat	2904785	2904820	-	6	2	A.DLAVGTAAGQIK.T	16
PHEAT-5185	proteomics_heat	2904785	2904850	-	6	120	R.SGETEDATIADLAVGTAAGQIK.T	26
PHEAT-5186	proteomics_heat	2904785	2904880	-	6	20	D.AGYTAVISHRSGETEDATIADLAVGTAAGQIK.T	36
PHEAT-5187	proteomics_heat	2904851	2904877	-	6	3	A.GYTAVISHR.S	13
PHEAT-5188	proteomics_heat	2904851	2904883	-	6	16	K.DAGYTAVISHR.S	15
PHEAT-5189	proteomics_heat	2904854	2904883	-	6	6	K.DAGYTAVISHR	14
PHEAT-5190	proteomics_heat	2904893	2904937	-	6	40	K.FNQIGSLTETLAAIK.M	19
PHEAT-5191	proteomics_heat	2904938	2904964	-	6	5	K.GIANSILIK.F	13
PHEAT-5192	proteomics_heat	2904965	2904988	-	6	10	K.ILKEGIEK.G	12
PHEAT-5193	proteomics_heat	2904989	2905030	-	6	35	K.IQLVGDDLFVTNTK.I	18
PHEAT-5194	proteomics_heat	2904989	2905045	-	6	25	K.VLGDKIQLVGDDLFVTNTK.I	23
PHEAT-5195	proteomics_heat	2905046	2905117	-	6	61	K.QYPIVSIEDGLDESDWDGFAYQTK.V	28
PHEAT-5196	proteomics_heat	2905118	2905165	-	6	82	K.AFTSEEFTHFLEELTK.Q	20
PHEAT-5197	proteomics_heat	2905118	2905168	-	6	2	N.KAFTSEEFTHFLEELTK.Q	21
PHEAT-5198	proteomics_heat	2905166	2905192	-	6	10	K.YVLAGEGNK.A	13
PHEAT-5199	proteomics_heat	2905193	2905246	-	6	24	K.DITLAMDCAASEFYKDGK.Y	22
PHEAT-5200	proteomics_heat	2905193	2905270	-	6	22	K.AAGYELGKDITLAMDCAASEFYKDGK.Y	30
PHEAT-5201	proteomics_heat	2905193	2905276	-	6	6	A.VKAAGYELGKDITLAMDCAASEFYKDGK.Y	32
PHEAT-5202	proteomics_heat	2905202	2905246	-	6	30	K.DITLAMDCAASEFYK.D	19
PHEAT-5203	proteomics_heat	2905202	2905270	-	6	42	K.AAGYELGKDITLAMDCAASEFYK.D	27
PHEAT-5204	proteomics_heat	2905271	2905363	-	6	107	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	35
PHEAT-5205	proteomics_heat	2905271	2905369	-	6	3	K.AKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	37
PHEAT-5206	proteomics_heat	2905271	2905402	-	6	2	S.EVFHHLAKVLKAKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	48
PHEAT-5207	proteomics_heat	2905379	2905411	-	6	3	R.MGSEVFHHLAK.V	15
PHEAT-5208	proteomics_heat	2905385	2905411	-	6	2	R.MGSEVFHHL.A	13
PHEAT-5209	proteomics_heat	2905433	2905507	-	6	4	N.IINGGEHADNNVDIQEFMIQPVGAK.T	29
PHEAT-5210	proteomics_heat	2905433	2905513	-	6	24	M.MNIINGGEHADNNVDIQEFMIQPVGAK.T	31
PHEAT-5211	proteomics_heat	2905433	2905516	-	6	7	P.MMNIINGGEHADNNVDIQEFMIQPVGAK.T	32
PHEAT-5212	proteomics_heat	2905433	2905534	-	6	54	K.YSMPVPMNMIINGGEHADNNVDIQEFMIQPVGAK.T	38
PHEAT-5213	proteomics_heat	2905535	2905585	-	6	34	K.GMPLYEHIAELNGTPGK.Y	21
PHEAT-5214	proteomics_heat	2905604	2905636	-	6	3	N.AILAVSLANAK.A	15
PHEAT-5215	proteomics_heat	2905604	2905648	-	6	57	K.FGANAILAVSLANAK.A	19
PHEAT-5216	proteomics_heat	2905604	2905654	-	6	34	K.SKFGANAILAVSLANAK.A	21
PHEAT-5217	proteomics_heat	2905655	2905687	-	6	12	K.IMIDLDTENK.S	15
PHEAT-5218	proteomics_heat	2905655	2905708	-	6	8	K.DQAGIDKIMIDLDTENK.S	22
PHEAT-5219	proteomics_heat	2905718	2905765	-	6	19	K.AVAAVNGPIAQALIGK.D	20
PHEAT-5220	proteomics_heat	2905826	2905915	-	6	148	R.GNPTVEAEVHLEGGFVGMMAAPSGASTGSR.E	34
PHEAT-5221	proteomics_heat	2906120	2906215	-	6	3	R.SGDDQLVEIIEVPNHPWFVACQFHPEFTSTPR.D	36
PHEAT-5222	proteomics_heat	2906252	2906278	-	6	2	R.YEVNNMLLK.Q	13
PHEAT-5223	proteomics_heat	2906252	2906284	-	6	2	R.HRYEVNNMLLK.Q	15
PHEAT-5224	proteomics_heat	2906291	2906323	-	6	2	R.QLYNAPTIVER.H	15
PHEAT-5225	proteomics_heat	2906324	2906368	-	6	6	R.LGAQQCQLVDDSLVR.Q	19
PHEAT-5226	proteomics_heat	2906402	2906428	-	6	5	R.DENGNVEVR.S	13

PHEAT-5227	proteomics_heat	2906462	2906515	-	6	8	R.HVANMENANSTEFVPDCK.Y	22
PHEAT-5228	proteomics_heat	2906621	2906662	-	6	5	K.GLDAILVPGGFGYR.G	18
PHEAT-5229	proteomics_heat	2906681	2906710	-	6	6	K.LIDSQDVETR.G	14
PHEAT-5230	proteomics_heat	2906798	2906899	-	6	4	R.FSLNCP EANLSEWEQVIFEEANPVSEVTIGMVGK.Y	38
PHEAT-5231	proteomics_heat	2906900	2906932	-	6	3	K.SQGLDDYICKR.F	15
PHEAT-5232	proteomics_heat	2906951	2906971	-	6	3	K.DVDSIYK.I	11
PHEAT-5233	proteomics_heat	2906951	2906989	-	6	2	K.AVISLKDVDSIYK.I	17
PHEAT-5234	proteomics_heat	2907056	2907100	-	6	6	K.ELLSIGIQPDILICR.S	19
PHEAT-5235	proteomics_heat	2907128	2907190	-	6	3	R.EHTLFMHLTLVPYMAASGEVK.T	25
PHEAT-5236	proteomics_heat	2907317	2907373	-	6	4	R.GDYLGATVQVIPHITNAIK.E	23
PHEAT-5237	proteomics_heat	2907317	2907376	-	6	9	R.RGDYLGATVQVIPHITNAIK.E	24
PHEAT-5238	proteomics_heat	2907383	2907406	-	6	4	R.IYSDVLRK.E	12
PHEAT-5239	proteomics_heat	2907386	2907406	-	6	2	R.IYSDVLR.K	11
PHEAT-5240	proteomics_heat	2907593	2907634	-	6	2	K.GIAAASLAAILEAR.G	18
PHEAT-5241	proteomics_heat	2908877	2908906	-	6	4	R.DGVALADQVK.S	14
PHEAT-5242	proteomics_heat	2908988	2909050	-	6	2	K.GSEQAGHRPAVVLSPFMYNNK.T	25
PHEAT-5243	proteomics_heat	2909131	2909214	-	5	2	K.EPVFTLAELVNDITPENLHENIDWGEPK.D	32
PHEAT-5244	proteomics_heat	2909940	2910017	-	4	3	R.LNQMVNFLQSQFNKPSAEEQDAAALK.Q	30
PHEAT-5245	proteomics_heat	2910018	2910074	-	4	5	R.YNFNDVDELLAAIGGGDIR.L	23
PHEAT-5246	proteomics_heat	2910678	2910770	-	4	2	R.HLPDEFDDYVANPKPNGYQSIHTVVLGPGGK.T	35
PHEAT-5247	proteomics_heat	2910963	2910998	-	4	3	R.EHYIEEFVGHRL.A	16
PHEAT-5248	proteomics_heat	2911263	2911313	-	4	2	K.ATHTDSVSSEQVDNVR.R	21
PHEAT-5249	proteomics_heat	2911266	2911313	-	4	3	K.ATHTDSVSSEQVDNVR.R	20
PHEAT-5250	proteomics_heat	2911341	2911370	-	4	2	K.SVVNLIHGVR.D	14
PHEAT-5251	proteomics_heat	2911386	2911442	-	4	2	R.AALLFPLADANVVSSEDVLR.E	23
PHEAT-5252	proteomics_heat	2917977	2918078	-	4	11	R.ITVDPNGAWLLDEAISLCKGLNDVLTYAEDPCGA.E	38
PHEAT-5253	proteomics_heat	2921809	2921865	-	5	3	R.ALILAELEKLDALFADDAS.-	23
PHEAT-5254	proteomics_heat	2922760	2922813	-	5	4	R.THLASNLAEFNLQKPLL.-	22
PHEAT-5255	proteomics_heat	2922931	2922969	-	5	2	R.VQENLIGHLVTQK.R	17
PHEAT-5256	proteomics_heat	2922931	2922972	-	5	2	R.RVQENLIGHLVTQK.R	18
PHEAT-5257	proteomics_heat	2930415	2930468	-	4	3	K.AATGVDALTHAIEGYITR.G	22
PHEAT-5258	proteomics_heat	2938414	2938461	-	5	2	R.SNISWMVCDMVEKPAK.V	20
PHEAT-5259	proteomics_heat	2938573	2938641	-	5	2	R.LANGMWAVDLGACPGGWTYQLVK.R	27
PHEAT-5260	proteomics_heat	2938642	2938692	-	5	6	K.LEEAFHVFIPEWDER.L	21
PHEAT-5261	proteomics_heat	2938834	2938869	-	5	2	R.DAGVLANYETPK.R	16
PHEAT-5262	proteomics_heat	2938912	2938953	-	5	2	R.VEVADTNESKELLK.F	18
PHEAT-5263	proteomics_heat	2940464	2940514	-	6	3	R.AAEELFVTQAAVSHQIK.S	21
PHEAT-5264	proteomics_heat	2941009	2941068	-	5	2	R.TIVSDGKPTDNDTGMISYK.D	24
PHEAT-5265	proteomics_heat	2943352	2943426	-	5	3	K.IPLVTTGGAGGQIDPTQIQVTDLAK.T	29
PHEAT-5266	proteomics_heat	2943460	2943561	-	5	23	R.VTVVDDFVTPDNVAQYMSVGYSYVIDAIDSVRPK.A	38
PHEAT-5267	proteomics_heat	2949437	2949490	-	6	3	R.LTGTHVPAGTGTEASLR.D	22
PHEAT-5268	proteomics_heat	2951899	2951976	-	5	2	R.LTDILHISELLQEAGTQLESEHALVR.W	30
PHEAT-5269	proteomics_heat	2954111	2954194	-	6	2	K.LADFFHQAVVEPQGMAILSQISGSQNGK.A	32
PHEAT-5270	proteomics_heat	2954282	2954374	-	6	3	R.AMKPDEFAQIQQAVITQMLQAPQTLGEEASK.L	35
PHEAT-5271	proteomics_heat	2955308	2955352	-	6	2	K.KYDHP ELIVDESNLR.V	19
PHEAT-5272	proteomics_heat	2955599	2955643	-	6	2	R.VPVEHTLDAVNIADR.Y	19

PHEAT-5273	proteomics_heat	2955953	2955994	-	6	2	R.SKTDELITYLIGNR.S	18
PHEAT-5274	proteomics_heat	2956235	2956315	-	6	3	K.FSGGNLETLSDKPGNPVQALKDFHEK.Y	31
PHEAT-5275	proteomics_heat	2956316	2956366	-	6	3	R.MAQVSAETINPAHPGSK.F	21
PHEAT-5276	proteomics_heat	2956571	2956609	-	6	3	K.KYPQADSLAEYLK.M	17
PHEAT-5277	proteomics_heat	2959536	2959616	-	4	4	R.DSENAGQLFNSDGEQDVGNPLLASWGK.L	31
PHEAT-5278	proteomics_heat	2962401	2962448	-	4	5	R.FEDFEIEGYDHPHGK.A	20
PHEAT-5279	proteomics_heat	2962704	2962757	-	4	2	K.MALAPCHAFFQFYVADGK.L	22
PHEAT-5280	proteomics_heat	2962818	2962856	-	4	9	R.HIDQITTVLNQLK.N	17
PHEAT-5281	proteomics_heat	2963034	2963075	-	4	2	M.RFNLQDGFPLVTTK.R	18
PHEAT-5282	proteomics_heat	2963073	2963114	-	4	3	R.TGTGTLISIFGHQMR.F	18
PHEAT-5283	proteomics_heat	2963115	2963147	-	4	3	K.VLDEGTQKNDR.T	15
PHEAT-5284	proteomics_heat	2963148	2963177	-	4	5	T.MKQYLELMQK.V	14
PHEAT-5285	proteomics_heat	2963475	2963549	-	4	3	R.TEDILLLQTNPQWQSIFDITYGVLPR.H	29
PHEAT-5286	proteomics_heat	2963550	2963594	-	4	3	R.VDPNFPFAMLFPGSR.T	19
PHEAT-5287	proteomics_heat	2964306	2964344	-	4	4	R.RIDYAEAENLAQR.S	17
PHEAT-5288	proteomics_heat	2964627	2964683	-	4	2	R.IGIMLEVPSMVFMPLHLAK.R	23
PHEAT-5289	proteomics_heat	2965107	2965148	-	4	3	K.VMLNAGLSPEHEEK.L	18
PHEAT-5290	proteomics_heat	2965314	2965370	-	4	2	R.ALGIPTVMGADIQPSVLHR.R	23
PHEAT-5291	proteomics_heat	2965371	2965409	-	4	2	R.DGAANSHAAIMVR.A	17
PHEAT-5292	proteomics_heat	2965698	2965748	-	4	3	K.ETAAIFDLYSHLLSDTR.L	21
PHEAT-5293	proteomics_heat	2965785	2965826	-	4	3	E.RLTGALEEAANEFR.R	18
PHEAT-5294	proteomics_heat	2973950	2973985	-	6	2	R.VTGDTQALKGER.V	16
PHEAT-5295	proteomics_heat	2975845	2975946	-	5	3	R.SLEHAPTIVETVAGPLCESGDVFTQQEGGNVETR.A	38
PHEAT-5296	proteomics_heat	2975947	2976000	-	5	2	R.PAMYGSYHHISALAADGR.S	22
PHEAT-5297	proteomics_heat	2976001	2976042	-	5	8	R.HFVLVDAGFNDLMR.P	18
PHEAT-5298	proteomics_heat	2976382	2976432	-	5	8	K.HGIWYTDLPAALDVIQR.H	21
PHEAT-5299	proteomics_heat	2976508	2976588	-	5	4	R.VSELQIPVNAGSVDMLDQLGQVSPGHR.V	31
PHEAT-5300	proteomics_heat	2976589	2976675	-	5	6	R.ALAAGYNPQTHPDDIVFTADVIDQATLER.V	33
PHEAT-5301	proteomics_heat	2976811	2976864	-	5	7	R.LPAEFGCPVWVYDAQIIR.R	22
PHEAT-5302	proteomics_heat	2976865	2976918	-	5	4	M.PHSLFSTDTDLTAENLLR.L	22
PHEAT-5303	proteomics_heat	2978499	2978570	-	4	3	R.LGGLHSAQVLLHSVDFHEIEECQR.R	28
PHEAT-5304	proteomics_heat	2980681	2980746	-	5	2	K.HNINVNAIAPGYMATNNTQQLR.A	26
PHEAT-5305	proteomics_heat	2983510	2983560	-	5	2	R.GALAGHSAVELGSLVVK.A	21
PHEAT-5306	proteomics_heat	3024806	3024880	-	6	2	R.AWPGKTLHMPRGDSLVIAILCRLRS.A	29
PHEAT-5307	proteomics_heat	3029598	3029702	-	4	2	G.VTAAKVTDIITGRRIPKRIPIHCNNVTIPQQR.S	39
PHEAT-5308	proteomics_heat	3031718	3031753	-	6	6	R.MVMLFTNSHTIR.D	16
PHEAT-5309	proteomics_heat	3031754	3031855	-	6	4	K.DAGDDEAMFYDEYVTALEHGLPPTAGLIGIDR.M	38
PHEAT-5310	proteomics_heat	3031856	3031879	-	6	3	R.FLDQVAAK.D	12
PHEAT-5311	proteomics_heat	3031880	3031933	-	6	3	R.EIGNGFSELNDAEDQAQR.F	22
PHEAT-5312	proteomics_heat	3031934	3031990	-	6	15	R.RNDVNPEITDRFEFFIGGR.E	23
PHEAT-5313	proteomics_heat	3031934	3031990	-	6	15	R.RNDVNPEITDRFEFFIGGR.E	23
PHEAT-5314	proteomics_heat	3031958	3031990	-	6	3	R.RNDVNPEITDR.F	15
PHEAT-5315	proteomics_heat	3031958	3031990	-	6	3	R.RNDVNPEITDR.F	15
PHEAT-5316	proteomics_heat	3031991	3032086	-	6	31	R.IVTEIFEVVAEHLIQPTFITEYPAEVSPLAR.R	36
PHEAT-5317	proteomics_heat	3032105	3032140	-	6	6	K.AIAESIGIHVEK.S	16
PHEAT-5318	proteomics_heat	3032141	3032191	-	6	6	K.YRPETDMADLDNFDSA.K	21

PHEAT-5319	proteomics_heat	3032141	3032194	-	6	4	K.KYRPETDMADLDNFDSA.K.A	22
PHEAT-5320	proteomics_heat	3032219	3032272	-	6	16	K.TEVTYGDVTLDFGKPFK.L	22
PHEAT-5321	proteomics_heat	3032273	3032299	-	6	2	R.TLAQDILGK.T	13
PHEAT-5322	proteomics_heat	3032300	3032332	-	6	4	K.DLIELTESLFR.T	15
PHEAT-5323	proteomics_heat	3032300	3032332	-	6	4	K.DLIELTESLFR.T	15
PHEAT-5324	proteomics_heat	3032300	3032350	-	6	15	M.AYADYKDLIELTESLFR.T	21
PHEAT-5325	proteomics_heat	3032351	3032386	-	6	2	R.HNPEFTMMELYM.A	16
PHEAT-5326	proteomics_heat	3032351	3032386	-	6	2	R.HNPEFTMMELYM.A	16
PHEAT-5327	proteomics_heat	3032486	3032533	-	6	35	R.PFITHHNALDLDMYLR.I	20
PHEAT-5328	proteomics_heat	3032486	3032533	-	6	35	R.PFITHHNALDLDMYLR.I	20
PHEAT-5329	proteomics_heat	3032486	3032593	-	6	2	R.GFMEVETPMMQVIPGGAAARPFIITHHNALDLDMYLR.I	40
PHEAT-5330	proteomics_heat	3032534	3032593	-	6	3	R.GFMEVETPMMQVIPGGAAAR.P	24
PHEAT-5331	proteomics_heat	3032594	3032611	-	6	2	R.QFMVNR.G	10
PHEAT-5332	proteomics_heat	3032654	3032686	-	6	5	R.YLDLISNDESR.N	15
PHEAT-5333	proteomics_heat	3032699	3032728	-	6	6	K.FHGLQDQEAR.Y	14
PHEAT-5334	proteomics_heat	3032699	3032752	-	6	3	K.ALRPLPDKFHGLQDQEAR.Y	22
PHEAT-5335	proteomics_heat	3032714	3032752	-	6	2	K.ALRPLPDKFHGLQ.D	17
PHEAT-5336	proteomics_heat	3032714	3032752	-	6	2	K.ALRPLPDKFHGLQ.D	17
PHEAT-5337	proteomics_heat	3032765	3032800	-	6	5	K.TGELSIHCTELR.L	16
PHEAT-5338	proteomics_heat	3032765	3032800	-	6	5	K.TGELSIHCTELR.L	16
PHEAT-5339	proteomics_heat	3032765	3032806	-	6	2	K.TKTGELSIHCTELR.L	18
PHEAT-5340	proteomics_heat	3032822	3032851	-	6	2	K.WDLGDILGAK.G	14
PHEAT-5341	proteomics_heat	3032822	3032854	-	6	2	K.KWDLGDILGAK.G	15
PHEAT-5342	proteomics_heat	3032855	3032893	-	6	8	R.DDLPEGVYNEQFK.K	17
PHEAT-5343	proteomics_heat	3032915	3032950	-	6	4	K.ASFVTLQDVGGR.I	16
PHEAT-5344	proteomics_heat	3032915	3032950	-	6	4	K.ASFVTLQDVGGR.I	16
PHEAT-5345	proteomics_heat	3033029	3033070	-	6	3	R.DHTSDQLHAEFDGK.E	18
PHEAT-5346	proteomics_heat	3033137	3033193	-	6	7	M.SEQHAQGADAVVDLNNELK.T	23
PHEAT-5347	proteomics_heat	3033218	3033274	-	6	169	R.NTQAVLDGSLDQFIEASLK.A	23
PHEAT-5348	proteomics_heat	3033332	3033382	-	6	4	K.QAMEDNKSIDIGWGSQIR.S	21
PHEAT-5349	proteomics_heat	3033395	3033421	-	6	9	K.LYELEMQKK.N	13
PHEAT-5350	proteomics_heat	3033470	3033517	-	6	24	R.ITHIPTGIVTQCQNDR.S	20
PHEAT-5351	proteomics_heat	3033584	3033664	-	6	66	R.HTSFSSAFVYPEVDDDDIDIEINPADLR.I	31
PHEAT-5352	proteomics_heat	3033584	3033667	-	6	10	R.RHTSFSSAFVYPEVDDDDIDIEINPADLR.I	32
PHEAT-5353	proteomics_heat	3033668	3033694	-	6	3	R.KSPFDSGGR.R	13
PHEAT-5354	proteomics_heat	3033725	3033757	-	6	18	K.ISGDYAYGWLR.T	15
PHEAT-5355	proteomics_heat	3033773	3033817	-	6	6	K.TEIIIESEGEVAGIK.S	19
PHEAT-5356	proteomics_heat	3033854	3033952	-	6	4	R.MFSGEYDSADCYLDIQAGSGGTEAQDWASMLER.M	37
PHEAT-5357	proteomics_heat	3033977	3034081	-	6	108	K.QGLEDVSGLLELAVEADDEETFNEAVAELDALEEK.L	39
PHEAT-5358	proteomics_heat	3034082	3034123	-	6	28	R.SSLEAVVDTLDQMK.Q	18
PHEAT-5359	proteomics_heat	3034148	3034204	-	6	10	R.LEEVNAELEQPDVWNEPER.A	23
PHEAT-5360	proteomics_heat	3034148	3034210	-	6	4	K.ERLEEVNAELEQPDVWNEPER.A	25
PHEAT-5361	proteomics_heat	3034938	3034988	-	4	2	R.FHRPVIAFAPAGDGLK.G	21
PHEAT-5362	proteomics_heat	3035394	3035483	-	4	2	R.NIAIPNLAELLDLVALGTVADVPLDANNR.I	34
PHEAT-5363	proteomics_heat	3036152	3036175	-	6	2	K.EFLDEHQK.M	12
PHEAT-5364	proteomics_heat	3036317	3036343	-	6	4	K.AFDDVMAGK.S	13

PHEAT-5365	proteomics_heat	3036428	3036475	-	6	8	K.LHEQMADYNALGITVR.Y	20
PHEAT-5366	proteomics_heat	3036476	3036523	-	6	7	K.HVITVFTDITCGYCHK.L	20
PHEAT-5367	proteomics_heat	3036653	3036700	-	6	3	K.TVLTNSGVLYITDDGK.H	20
PHEAT-5368	proteomics_heat	3036701	3036739	-	6	3	K.SSDIQPAPVAGMK.T	17
PHEAT-5369	proteomics_heat	3036752	3036784	-	6	13	A.DDAAIQQTAK.M	15
PHEAT-5370	proteomics_heat	3037406	3037432	-	6	3	K.DLSEAQVER.L	13
PHEAT-5371	proteomics_heat	3041343	3041396	-	4	4	K.VIADIYPGQTQFYVIEFK.C	22
PHEAT-5372	proteomics_heat	3041397	3041438	-	4	4	K.HAEQENMTLTELKK.V	18
PHEAT-5373	proteomics_heat	3041544	3041582	-	4	4	K.TITIRDESESHFK.T	17
PHEAT-5374	proteomics_heat	3042164	3042214	-	6	2	E.GHPVDFVLIAPKYHFR.E	21
PHEAT-5375	proteomics_heat	3044232	3044258	-	4	4	K.RLDDVYGDR.N	13
PHEAT-5376	proteomics_heat	3044259	3044312	-	4	5	R.EVAVFPAGVADKYWPTVK.R	22
PHEAT-5377	proteomics_heat	3044313	3044405	-	4	2	K.AGVWPLEDNPLVNAPHIQSELVAEWAHPYSR.E	35
PHEAT-5378	proteomics_heat	3044469	3044555	-	4	2	R.LIDYGFHAPTMSFPVAGTLMVEPTESK.V	33
PHEAT-5379	proteomics_heat	3044556	3044633	-	4	4	R.VAHECILDIRPLKEETGISELDIAKR.L	30
PHEAT-5380	proteomics_heat	3044559	3044633	-	4	3	R.VAHECILDIRPLKEETGISELDIAK.R	29
PHEAT-5381	proteomics_heat	3044679	3044723	-	4	3	K.ASQVAILNANYIASR.L	19
PHEAT-5382	proteomics_heat	3044679	3044726	-	4	2	K.KASQVAILNANYIASR.L	20
PHEAT-5383	proteomics_heat	3044751	3044819	-	4	6	R.QGAVSAAPFGSASILPISWYIR.M	27
PHEAT-5384	proteomics_heat	3044820	3044882	-	4	3	K.AHLAPFVPGHVVQIEGMLTR.Q	25
PHEAT-5385	proteomics_heat	3044883	3044939	-	4	6	K.TFCIPHGGGGPGMGPVGVK.A	23
PHEAT-5386	proteomics_heat	3045069	3045155	-	4	2	R.AKAEQAGDNLSCIMVTYPSTHGVYEETIR.E	33
PHEAT-5387	proteomics_heat	3045312	3045389	-	4	2	K.LTGYDAVCMQPNSSGAQGEYAGLLAIR.H	30
PHEAT-5388	proteomics_heat	3045519	3045569	-	4	2	K.DLALNQAMIPLGSCTMK.L	21
PHEAT-5389	proteomics_heat	3045594	3045620	-	4	3	R.YHSETEMMR.Y	13
PHEAT-5390	proteomics_heat	3045621	3045656	-	4	2	R.DDEILTHPVFNR.Y	16
PHEAT-5391	proteomics_heat	3045621	3045680	-	4	4	R.SIQPAMLRDDEILTHPVFNR.Y	24
PHEAT-5392	proteomics_heat	3045681	3045773	-	4	5	R.ENVMQLFNVLLGDNHGLDIDTLDKDVAHDSR.S	35
PHEAT-5393	proteomics_heat	3045774	3045824	-	4	5	R.SDILNAVGITLDETTTR.E	21
PHEAT-5394	proteomics_heat	3045870	3045914	-	4	2	R.HAHYFDTLCVEVADK.A	19
PHEAT-5395	proteomics_heat	3045987	3046076	-	4	3	K.ANSNICTSQVLLANIASLYAVYHGPVGLKR.I	34
PHEAT-5396	proteomics_heat	3045990	3046076	-	4	5	K.ANSNICTSQVLLANIASLYAVYHGPVGLK.R	33
PHEAT-5397	proteomics_heat	3046119	3046145	-	4	2	K.DAAGNTALR.M	13
PHEAT-5398	proteomics_heat	3046194	3046247	-	4	3	R.FGVPMGYGGPHAAFFAAK.D	22
PHEAT-5399	proteomics_heat	3046353	3046448	-	4	14	K.VLDHQDVFGVLLQQVGTGTEIHDYALISELK.S	36
PHEAT-5400	proteomics_heat	3046500	3046547	-	4	2	R.FFVASDVHPQTLDVVR.T	20
PHEAT-5401	proteomics_heat	3046695	3046763	-	4	6	R.NMLENPGWYTAYTPYQPEVSQGR.L	27
PHEAT-5402	proteomics_heat	3046695	3046799	-	4	2	G.YTAVQLPPVILRNMLENPGWYTAYTPYQPEVSQGR.L	39
PHEAT-5403	proteomics_heat	3046848	3046919	-	4	12	K.DIQLATPPQVGAPATEYAALAEK.A	28
PHEAT-5404	proteomics_heat	3046920	3047012	-	4	6	R.HIGPDAAQQEMLNAVGAQSLNALTGQIVPK.D	35
PHEAT-5405	proteomics_heat	3047013	3047060	-	4	5	M.TQTLSQLENSGAFIER.H	20
PHEAT-5406	proteomics_heat	3047185	3047259	-	5	16	K.IKASDESELESLLDATAYEALLEDE.-	29
PHEAT-5407	proteomics_heat	3047476	3047514	-	5	2	K.EADGTYTVGITEH.A	17
PHEAT-5408	proteomics_heat	3047518	3047535	-	5	2	K.EHEWLR.K	10
PHEAT-5409	proteomics_heat	3047703	3047792	-	4	6	R.FTDAQGNQHHEGIITSGTFSPTLGYSIALAR.V	34
PHEAT-5410	proteomics_heat	3047748	3047792	-	4	2	R.FTDAQGNQHHEGIITS.G	19

PHEAT-5411	proteomics_heat	3047823	3047849	-	4	4	K.LVGLVMTEK.G	13
PHEAT-5412	proteomics_heat	3048018	3048062	-	4	6	R.ALVEAGVKPCGLGAR.D	19
PHEAT-5413	proteomics_heat	3048195	3048224	-	4	2	K.AATLFNDAQR.Q	14
PHEAT-5414	proteomics_heat	3048225	3048272	-	4	9	R.DDLSMIAVQGPNAQAK.A	20
PHEAT-5415	proteomics_heat	3048273	3048335	-	4	4	R.EKDLSWITQHAEPFGIEITVR.D	25
PHEAT-5416	proteomics_heat	3048462	3048488	-	4	2	R.YLLANDVAK.L	13
PHEAT-5417	proteomics_heat	3048516	3048566	-	4	12	R.TDAGMFDVSHMTIVDLR.G	21
PHEAT-5418	proteomics_heat	3048567	3048638	-	4	2	R.MVDFHGWMMPLHYGSQIDEHHA VR.T	28
PHEAT-5419	proteomics_heat	3048639	3048686	-	4	4	M.AQQTPLYEQHTLCGAR.M	20
PHEAT-5420	proteomics_heat	3049866	3049889	-	4	2	K.DGSMLTAR.L	12
PHEAT-5421	proteomics_heat	3050193	3050234	-	4	2	R.VQEPLAANAPPQLR.V	18
PHEAT-5422	proteomics_heat	3050629	3050700	-	5	2	R.TVLVGNAAQTLHPIAGQG FN LGMR.D	28
PHEAT-5423	proteomics_heat	3050680	3050754	-	5	5	K.RSAYPLALTHAARSITHRTV LVGNA.A	29
PHEAT-5424	proteomics_heat	3050818	3050850	-	5	2	R.REEVLSWSDEK.F	15
PHEAT-5425	proteomics_heat	3051199	3051288	-	5	5	R.GHAGFVTLAAEDYQLAALGQVVELHNVGQR.L	34
PHEAT-5426	proteomics_heat	3051546	3051584	-	4	5	K.KPEEIEALMVAAR.K	17
PHEAT-5427	proteomics_heat	3051663	3051743	-	4	5	R.ILEPGMVLTVEPGLYIAPDAEVPEQYR.G	31
PHEAT-5428	proteomics_heat	3051903	3051953	-	4	2	R.LYRPGTSILEVTGEVVR.I	21
PHEAT-5429	proteomics_heat	3051954	3051998	-	4	14	R.EIYDIVLESLETSLR.L	19
PHEAT-5430	proteomics_heat	3052062	3052103	-	4	5	R.DGDLVLIDAGCEYK.G	18
PHEAT-5431	proteomics_heat	3052104	3052184	-	4	2	R.YPSYNTIVGSGENG CILHYTENECEMR.D	31
PHEAT-5432	proteomics_heat	3052269	3052301	-	4	4	R.AGEITAMAHR.A	15
PHEAT-5433	proteomics_heat	3052557	3052583	-	4	4	R.LGQDAAPEK.L	13
PHEAT-5434	proteomics_heat	3052557	3052586	-	4	2	R.RLGQDAAPEK.L	14
PHEAT-5435	proteomics_heat	3052623	3052661	-	4	9	K.SDDTHNH SVLFNR.V	17
PHEAT-5436	proteomics_heat	3052755	3052823	-	4	4	R.QALVEQM QPGSAALIFA APEVTR.S	27
PHEAT-5437	proteomics_heat	3052891	3052968	-	5	6	R.VAALLCHDTFTHPQPTA PEVQKPTLH.-	30
PHEAT-5438	proteomics_heat	3053053	3053091	-	5	3	K.VTGETGEAIDDLR.N	17
PHEAT-5439	proteomics_heat	3053053	3053100	-	5	3	K.LDKVTGETGEAIDDLR.N	20
PHEAT-5440	proteomics_heat	3055416	3055490	-	4	4	K.YSDNGSTLSAVNFPEVSLPLHGGR.L	29
PHEAT-5441	proteomics_heat	3055419	3055490	-	4	33	K.YSDNGSTLSAVNFPEVSLPLHGGR.R	28
PHEAT-5442	proteomics_heat	3055500	3055556	-	4	33	H.IGGSTQEAQENIGLEVAGK.L	23
PHEAT-5443	proteomics_heat	3055557	3055664	-	4	16	K.HLAGAAIDVFPTEPATNSDPFTSPLCEFDNVLLTPH.I	40
PHEAT-5444	proteomics_heat	3055608	3055664	-	4	4	K.HLAGAAIDVFPTEPATNSD.P	23
PHEAT-5445	proteomics_heat	3055665	3055712	-	4	28	R.GTVVDIPALCDALASK.H	20
PHEAT-5446	proteomics_heat	3055713	3055760	-	4	17	K.EISLMKPGSLLINASR.G	20
PHEAT-5447	proteomics_heat	3055779	3055862	-	4	2	N.ATQVQHLSDLLNMSDVVSLHVPENPSTK.N	32
PHEAT-5448	proteomics_heat	3055779	3055877	-	4	15	K.LPLGNATQVQHLSDLLNMSDVVSLHVPENPSTK.N	37
PHEAT-5449	proteomics_heat	3055983	3056009	-	4	2	K.LAAGSFEAR.G	13
PHEAT-5450	proteomics_heat	3056058	3056102	-	4	15	R.SVAELVIGELLLLLL.R.G	19
PHEAT-5451	proteomics_heat	3056070	3056102	-	4	2	R.SVAELVIGELL.L	15
PHEAT-5452	proteomics_heat	3056103	3056141	-	4	7	R.GIPVFNAPFSNTR.S	17
PHEAT-5453	proteomics_heat	3056103	3056144	-	4	3	K.RGIPVFNAPFSNTR.S	18
PHEAT-5454	proteomics_heat	3056142	3056183	-	4	2	C.IGTNQVDLDA AAKR.G	18
PHEAT-5455	proteomics_heat	3056142	3056186	-	4	2	F.CIGTNQVDLDA AAKR.G	19
PHEAT-5456	proteomics_heat	3056145	3056186	-	4	2	F.CIGTNQVDLDA AAKR.R	18

PHEAT-5457	proteomics_heat	3056208	3056246	-	4	41	R.THLTEDVINAAEK.L	17
PHEAT-5458	proteomics_heat	3056208	3056249	-	4	2	S.RTHLTEDVINAAEK.L	18
PHEAT-5459	proteomics_heat	3056208	3056252	-	4	4	R.SRTHLTEDVINAAEK.L	19
PHEAT-5460	proteomics_heat	3056253	3056276	-	4	10	R.DAHFIGLR.S	12
PHEAT-5461	proteomics_heat	3056253	3056288	-	4	2	K.ESIRDAHFIGLR.S	16
PHEAT-5462	proteomics_heat	3056277	3056315	-	4	14	K.GALDDEQLKESIR.D	17
PHEAT-5463	proteomics_heat	3056289	3056315	-	4	4	K.GALDDEQLK.E	13
PHEAT-5464	proteomics_heat	3056316	3056348	-	4	21	R.AAGYTNIIEFHK.G	15
PHEAT-5465	proteomics_heat	3056367	3056390	-	4	3	L.LVEGVHQK.A	12
PHEAT-5466	proteomics_heat	3056367	3056396	-	4	19	K.FLLVEGVHQK.A	14
PHEAT-5467	proteomics_heat	3056403	3056423	-	4	3	K.VSLEKDK.I	11
PHEAT-5468	proteomics_heat	3056403	3056429	-	4	2	M.AKVSLEKDK.I	13
PHEAT-5469	proteomics_heat	3056703	3056744	-	4	6	R.GADVALIGTPDGVK.T	18
PHEAT-5470	proteomics_heat	3056928	3056963	-	4	4	K.FPLPVEVIPMAR.S	16
PHEAT-5471	proteomics_heat	3056928	3056984	-	4	6	K.QVDILGKFPLPVEVIPMAR.S	23
PHEAT-5472	proteomics_heat	3056985	3057011	-	4	5	K.FICIADASK.Q	13
PHEAT-5473	proteomics_heat	3057012	3057041	-	4	3	R.EKIIASVAEK.F	14
PHEAT-5474	proteomics_heat	3057171	3057218	-	4	19	K.GQIEGAVSSSDASTEK.L	20
PHEAT-5475	proteomics_heat	3057219	3057323	-	4	61	K.AVGWAALQYVQPGTIVGVGTGSTA AHFIDALGTMK.G	39
PHEAT-5476	proteomics_heat	3057219	3057326	-	4	3	K.KAVGWAALQYVQPGTIVGVGTGSTA AHFIDALGTMK.G	40
PHEAT-5477	proteomics_heat	3065503	3065541	-	5	9	R.YHVSNYQPSPMVR.M	17
PHEAT-5478	proteomics_heat	3065566	3065625	-	5	2	K.AAIDNAIHQAQELANGFHRK.L	24
PHEAT-5479	proteomics_heat	3065569	3065625	-	5	5	K.AAIDNAIHQAQELANGFHR.K	23
PHEAT-5480	proteomics_heat	3065569	3065628	-	5	5	R.KAAIDNAIHQAQELANGFHR.K	24
PHEAT-5481	proteomics_heat	3065593	3065625	-	5	4	K.AAIDNAIHQAQ.E	15
PHEAT-5482	proteomics_heat	3065635	3065679	-	5	8	R.SVSLGVAQPDAYKDK.A	19
PHEAT-5483	proteomics_heat	3065701	3065742	-	5	3	R.QLDKLNSLLDGALK.A	18
PHEAT-5484	proteomics_heat	3065827	3065853	-	5	2	K.KDISSANLR.T	13
PHEAT-5485	proteomics_heat	3065854	3065898	-	5	13	R.VAQYISFLELNQIAK.K	19
PHEAT-5486	proteomics_heat	3065935	3066039	-	5	5	A.NELPDGPHIVTSGTASVDAVPDIATLAIEVNVAAK.D	39
PHEAT-5487	proteomics_heat	3066993	3067052	-	4	5	R.EFDAAGISFPYPQMDVNFKR.V	24
PHEAT-5488	proteomics_heat	3066996	3067052	-	4	7	R.EFDAAGISFPYPQMDVNFKR.R	23
PHEAT-5489	proteomics_heat	3067062	3067115	-	4	12	R.VWSNSGDLQNVYWDVLER.I	22
PHEAT-5490	proteomics_heat	3067116	3067157	-	4	7	R.LNELGASSINFVVR.V	18
PHEAT-5491	proteomics_heat	3067188	3067223	-	4	5	K.QILTNIQSEDR.I	16
PHEAT-5492	proteomics_heat	3067224	3067274	-	4	21	R.NEFIIGVAYDSDIDQVK.Q	21
PHEAT-5493	proteomics_heat	3067290	3067322	-	4	8	K.IIAGNIINFSR.E	15
PHEAT-5494	proteomics_heat	3067323	3067346	-	4	2	K.IIVIPNGK.I	12
PHEAT-5495	proteomics_heat	3068190	3068222	-	4	2	K.AFQELNAIDVL.-	15
PHEAT-5496	proteomics_heat	3068232	3068258	-	4	4	R.AGQTSMIAR.L	13
PHEAT-5497	proteomics_heat	3068286	3068351	-	4	9	K.ANEAYLQGQLGNPKGEDQPNNK.Y	26
PHEAT-5498	proteomics_heat	3068310	3068351	-	4	12	K.ANEAYLQGQLGNPK.G	18
PHEAT-5499	proteomics_heat	3068352	3068411	-	4	50	K.MNIDTDTQWATWEGVLNYYK.A	24
PHEAT-5500	proteomics_heat	3068412	3068438	-	4	22	K.DSVSYGVVK.M	13
PHEAT-5501	proteomics_heat	3068439	3068495	-	4	2	H.NSLNFVFHGGSGSTAQEIK.D	23
PHEAT-5502	proteomics_heat	3068511	3068537	-	4	4	R.DSQEYVSKK.H	13

PHEAT-5503	proteomics_heat	3068514	3068537	-	4	8	R.DSQEYVSK.K	12
PHEAT-5504	proteomics_heat	3068538	3068585	-	4	6	H.GVYKPGNVVLTPTILR.D	20
PHEAT-5505	proteomics_heat	3068538	3068591	-	4	3	N.VHGVYKPGNVVLTPTILR.D	22
PHEAT-5506	proteomics_heat	3068538	3068594	-	4	2	G.NVHGVYKPGNVVLTPTILR.D	23
PHEAT-5507	proteomics_heat	3068538	3068618	-	4	215	R.FTIAASFGNVHGVYKPGNVVLTPTILR.D	31
PHEAT-5508	proteomics_heat	3068574	3068618	-	4	2	R.FTIAASFGNVHGVYK.P	19
PHEAT-5509	proteomics_heat	3068787	3068840	-	4	4	H.MIDLSEESLQENIEICSK.Y	22
PHEAT-5510	proteomics_heat	3068787	3068858	-	4	4	K.PLFSSHMIDLSEESLQENIEICSK.Y	28
PHEAT-5511	proteomics_heat	3068787	3068879	-	4	2	K.HFAATGKPLFSSHMIDLSEESLQENIEICSK.Y	35
PHEAT-5512	proteomics_heat	3068859	3068921	-	4	2	K.LLPWIDGLLDAGEKHFAATGK.P	25
PHEAT-5513	proteomics_heat	3068880	3068921	-	4	11	K.LLPWIDGLLDAGEK.H	18
PHEAT-5514	proteomics_heat	3068880	3068924	-	4	16	K.KLLPWIDGLLDAGEK.H	19
PHEAT-5515	proteomics_heat	3068991	3069041	-	4	3	K.SDVPQGAAILGAISGAH.H	21
PHEAT-5516	proteomics_heat	3069051	3069104	-	4	21	K.APVIVQFSNGGASFIAGK.G	22
PHEAT-5517	proteomics_heat	3069051	3069110	-	4	51	K.VKAPVIVQFSNGGASFIAGK.G	24
PHEAT-5518	proteomics_heat	3069066	3069110	-	4	3	K.VKAPVIVQFSNGGAS.F	19
PHEAT-5519	proteomics_heat	3069111	3069188	-	4	34	K.ENNFALPAVNCVGTDSINAVLETA.AK.V	30
PHEAT-5520	proteomics_heat	3069207	3069257	-	4	14	K.IFDFVKPGVITGDDVQK.V	21
PHEAT-5521	proteomics_heat	3069207	3069263	-	4	7	M.SKIFDFVKPGVITGDDVQK.V	23
PHEAT-5522	proteomics_heat	3069493	3069525	-	5	8	K.VLPVAVAMLEER.A	15
PHEAT-5523	proteomics_heat	3069526	3069579	-	5	692	K.ISYISTGGGAFLEFVEGK.V	22
PHEAT-5524	proteomics_heat	3069580	3069633	-	5	3	I.AGGGDTLAAIDLFGIADK.I	22
PHEAT-5525	proteomics_heat	3069580	3069663	-	5	5	N.AIADSEAFSIAGGGDTLAAIDLFGIADK.I	32
PHEAT-5526	proteomics_heat	3069580	3069684	-	5	38	K.GTEIVANAIDSEAFSIAGGGDTLAAIDLFGIADK.I	39
PHEAT-5527	proteomics_heat	3069580	3069687	-	5	919	R.KGTEIVANAIDSEAFSIAGGGDTLAAIDLFGIADK.I	40
PHEAT-5528	proteomics_heat	3069685	3069738	-	5	5	K.TILWNGPVGVFEPNFRK.G	22
PHEAT-5529	proteomics_heat	3069688	3069738	-	5	52	K.TILWNGPVGVFEPNFRK.K	21
PHEAT-5530	proteomics_heat	3069688	3069741	-	5	7	A.KTILWNGPVGVFEPNFRK.K	22
PHEAT-5531	proteomics_heat	3069748	3069801	-	5	10	E.QILDIGDASAQELAEILK.N	22
PHEAT-5532	proteomics_heat	3069748	3069810	-	5	14	K.ADEQILDIGDASAQELAEILK.N	25
PHEAT-5533	proteomics_heat	3069748	3069828	-	5	62	K.SVNDVKADEQILDIGDASAQELAEILK.N	31
PHEAT-5534	proteomics_heat	3069829	3069870	-	5	19	R.VATEFSETAPATLK.S	18
PHEAT-5535	proteomics_heat	3069871	3069912	-	5	11	R.LLTTCNIPVPSDVR.V	18
PHEAT-5536	proteomics_heat	3069871	3069915	-	5	4	K.RLLTTCNIPVPSDVR.V	19
PHEAT-5537	proteomics_heat	3069913	3069951	-	5	13	K.SLYEADLVDEAKR.L	17
PHEAT-5538	proteomics_heat	3069916	3069951	-	5	7	K.SLYEADLVDEAKR.R	16
PHEAT-5539	proteomics_heat	3069952	3069981	-	5	4	F.IAAQGHHDVVGK.S	14
PHEAT-5540	proteomics_heat	3069952	3070026	-	5	79	K.IADQLIVGGGIANTFIAAQGHHDVVGK.S	29
PHEAT-5541	proteomics_heat	3070027	3070053	-	5	2	K.LTVLDSLSK.I	13
PHEAT-5542	proteomics_heat	3070066	3070116	-	5	8	K.ALKEPARPMVAIVGGSK.V	21
PHEAT-5543	proteomics_heat	3070117	3070158	-	5	3	C.AGPLLAAELDALGK.A	18
PHEAT-5544	proteomics_heat	3070117	3070176	-	5	118	K.FADVACAGPLLAAELDALGK.A	24
PHEAT-5545	proteomics_heat	3070177	3070206	-	5	5	R.AQASTHGIGK.F	14
PHEAT-5546	proteomics_heat	3070207	3070260	-	5	53	K.YAALCDVFMDFGTAFHR.A	22
PHEAT-5547	proteomics_heat	3070207	3070263	-	5	18	K.KYAALCDVFMDFGTAFHR.A	23
PHEAT-5548	proteomics_heat	3070261	3070287	-	5	4	K.KDDETLSSK.Y	13

PHEAT-5549	proteomics_heat	3070261	3070305	-	5	3	R.FNKGEKKDDETLISK.Y	19
PHEAT-5550	proteomics_heat	3070264	3070305	-	5	2	R.FNKGEKKDDETLISK.K	18
PHEAT-5551	proteomics_heat	3070306	3070353	-	5	5	D.GVDVAEGELVVLENVR.F	20
PHEAT-5552	proteomics_heat	3070306	3070365	-	5	30	K.DYLDGVDVAEGELVVLENVR.F	24
PHEAT-5553	proteomics_heat	3070306	3070374	-	5	75	R.LVKDYLDGVDVAEGELVVLENVR.F	27
PHEAT-5554	proteomics_heat	3070375	3070398	-	5	7	K.DKLSNPVR.L	12
PHEAT-5555	proteomics_heat	3070393	3070485	-	5	3	K.VMVTSHLGRPTEGEYNEEFSLLPVVNYLKDK.L	35
PHEAT-5556	proteomics_heat	3070399	3070458	-	5	5	R.PTEGEYNEEFSLLPVVNYLK.D	24
PHEAT-5557	proteomics_heat	3070399	3070473	-	5	2	T.SHLGRPTEGEYNEEFSLLPVVNYLK.D	29
PHEAT-5558	proteomics_heat	3070399	3070485	-	5	11	K.VMVTSHLGRPTEGEYNEEFSLLPVVNYLK.D	33
PHEAT-5559	proteomics_heat	3070426	3070485	-	5	3	K.VMVTSHLGRPTEGEYNEEFS.L	24
PHEAT-5560	proteomics_heat	3070459	3070485	-	5	3	K.VMVTSHLGR.P	13
PHEAT-5561	proteomics_heat	3070498	3070530	-	5	2	R.ASLPTIELALK.Q	15
PHEAT-5562	proteomics_heat	3070498	3070536	-	5	2	R.IRASLPTIELALK.Q	17
PHEAT-5563	proteomics_heat	3070555	3070587	-	5	12	R.ADLNVPVKDGK.V	15
PHEAT-5564	proteomics_heat	3070564	3070587	-	5	5	R.ADLNVPVK.D	12
PHEAT-5565	proteomics_heat	3070600	3070629	-	5	6	K.MTDLDLAGKR.V	14
PHEAT-5566	proteomics_heat	3070603	3070629	-	5	6	K.MTDLDLAGK.R	13
PHEAT-5567	proteomics_heat	3071567	3071635	-	6	2	R.RAEITVVAINELADAAGMAHLLK.Y	27
PHEAT-5568	proteomics_heat	3072706	3072759	-	5	11	Q.NGADAGSNDHLKGINAVK.I	22
PHEAT-5569	proteomics_heat	3077795	3077833	-	6	4	R.VAVEAGIADYWK.Y	17
PHEAT-5570	proteomics_heat	3077795	3077833	-	6	4	R.VAVEAGIADYWK.Y	17
PHEAT-5571	proteomics_heat	3077867	3077920	-	6	3	R.VVSMPTDAFDKQDAAYR.E	22
PHEAT-5572	proteomics_heat	3077948	3078025	-	6	31	K.DCAGQPELIFIATGSEVELAVAAAYE.L	30
PHEAT-5573	proteomics_heat	3078044	3078073	-	6	3	R.TEEQLANIAR.G	14
PHEAT-5574	proteomics_heat	3078074	3078097	-	6	3	R.QNLAQQR.T	12
PHEAT-5575	proteomics_heat	3078146	3078196	-	6	5	N.MSTWRPCDQVESAVAWK.Y	21
PHEAT-5576	proteomics_heat	3078146	3078208	-	6	2	R.VTPNMSTWRPCDQVESAVAWK.Y	25
PHEAT-5577	proteomics_heat	3078209	3078280	-	6	2	Y.THDSIGLGEDGPTHQPVEQVASLR.V	28
PHEAT-5578	proteomics_heat	3078209	3078295	-	6	6	R.QVMVYTHDSIGLGEDGPTHQPVEQVASLR.V	33
PHEAT-5579	proteomics_heat	3078428	3078475	-	6	11	K.AINEDAAGNYIHYGVR.E	20
PHEAT-5580	proteomics_heat	3078476	3078568	-	6	3	N.AIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	35
PHEAT-5581	proteomics_heat	3078476	3078580	-	6	3	K.ASQNAIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	39
PHEAT-5582	proteomics_heat	3078476	3078583	-	6	8	R.KASQNAIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	40
PHEAT-5583	proteomics_heat	3078638	3078673	-	6	8	R.MKGEMPSDFDAK.A	16
PHEAT-5584	proteomics_heat	3078677	3078709	-	6	4	K.AYPQEAAEFTR.R	15
PHEAT-5585	proteomics_heat	3078767	3078817	-	6	22	K.YAPFEIPSEIYAQWDAK.E	21
PHEAT-5586	proteomics_heat	3078836	3078895	-	6	15	K.AGTHDSHGAPLGDAEIALTR.E	24
PHEAT-5587	proteomics_heat	3078896	3078925	-	6	5	K.TIIGFGSPNK.A	14
PHEAT-5588	proteomics_heat	3078926	3078961	-	6	6	R.AVTDKPSLLMCK.T	16
PHEAT-5589	proteomics_heat	3078980	3079015	-	6	15	R.DIDGHDAASIKR.A	16
PHEAT-5590	proteomics_heat	3078983	3079015	-	6	3	R.DIDGHDAASIK.R	15
PHEAT-5591	proteomics_heat	3079016	3079045	-	6	5	R.FEAYGWHVIR.D	14
PHEAT-5592	proteomics_heat	3079136	3079264	-	6	2	K.TLAAQFNRPGHDIVDHYTYAFMGDGCMMEGISHEVCSLAGTLK.L	47
PHEAT-5593	proteomics_heat	3079265	3079318	-	6	4	T.GPLGQGIANAVGMAIAEK.T	22
PHEAT-5594	proteomics_heat	3079265	3079369	-	6	33	K.TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK.T	39

PHEAT-5595	proteomics_heat	3079394	3079435	-	6	5	L.LHLTGYDLPMEELK.N	18
PHEAT-5596	proteomics_heat	3079394	3079441	-	6	3	Y.SLLHLTGYDLPMEELK.N	20
PHEAT-5597	proteomics_heat	3079430	3079480	-	6	4	R.FVLSNGHGSMLIYSLLH.L	21
PHEAT-5598	proteomics_heat	3079487	3079519	-	6	3	K.HNPQNPSWADR.D	15
PHEAT-5599	proteomics_heat	3079532	3079588	-	6	28	K.SGHPGAPMGMADIAEVLWR.D	23
PHEAT-5600	proteomics_heat	3079595	3079621	-	6	3	R.ALSMDAVQK.A	13
PHEAT-5601	proteomics_heat	3079595	3079621	-	6	3	R.ALSMDAVQK.A	13
PHEAT-5602	proteomics_heat	3081058	3081114	-	5	3	D.PAFAPGTGTPVIGGLTSDR.A	23
PHEAT-5603	proteomics_heat	3081058	3081132	-	5	4	F.DIDCLDPAFAPGTGTPVIGGLTSDR.A	29
PHEAT-5604	proteomics_heat	3081058	3081168	-	5	12	K.QIVGDMPVYLTFDIDCLDPAFAPGTGTPVIGGLTSDR.A	41
PHEAT-5605	proteomics_heat	3081199	3081258	-	5	3	R.TEFDKDNFTVLDACQVNR.S	24
PHEAT-5606	proteomics_heat	3081259	3081303	-	5	3	K.EGLIDPNHSVQIGIR.T	19
PHEAT-5607	proteomics_heat	3081418	3081465	-	5	7	R.MLSFGGDHFVTLPLLR.A	20
PHEAT-5608	proteomics_heat	3081523	3081573	-	5	2	R.LNVVDCGDLVYAFGDAR.E	21
PHEAT-5609	proteomics_heat	3081604	3081639	-	5	3	R.QVSTNLAWEHNR.F	16
PHEAT-5610	proteomics_heat	3081673	3081756	-	5	7	R.LPMNFQPYDSADWVITGVPFDMATSGR.A	32
PHEAT-5611	proteomics_heat	3081757	3081816	-	5	3	M.STLGHQYDNSLVSNAFGFLR.L	24
PHEAT-5612	proteomics_heat	3082494	3082529	-	4	4	R.AHRPIIDELQER.M	16
PHEAT-5613	proteomics_heat	3082551	3082598	-	4	4	R.AWAEQLYLSMCHEVQK.Q	20
PHEAT-5614	proteomics_heat	3082599	3082679	-	4	3	R.EWLHDSQMDLHDIHIGYSSGIFSLQER.A	31
PHEAT-5615	proteomics_heat	3082746	3082790	-	4	5	R.NEYTVPTAPAEDAPR.A	19
PHEAT-5616	proteomics_heat	3082791	3082844	-	4	3	R.AVTAHHTVLVSNIIIGVER.N	22
PHEAT-5617	proteomics_heat	3082845	3082970	-	4	2	R.SQSDCSVNYGLNEYANNIIWAIGDACEENGLPHPTVITESGR.A	46
PHEAT-5618	proteomics_heat	3083037	3083057	-	4	2	R.FYVELHK.L	11
PHEAT-5619	proteomics_heat	3083070	3083090	-	4	2	R.DIATGVR.E	11
PHEAT-5620	proteomics_heat	3083091	3083147	-	4	4	R.LDSLQLLHFHLSQMANIR.D	23
PHEAT-5621	proteomics_heat	3083091	3083159	-	4	2	R.EAGRLDSLQLLHFHLSQMANIR.D	27
PHEAT-5622	proteomics_heat	3083160	3083207	-	4	33	K.FGLAATQVLQVLVETLR.E	20
PHEAT-5623	proteomics_heat	3083160	3083213	-	4	27	K.SKFGAATQVLQVLVETLR.E	22
PHEAT-5624	proteomics_heat	3083160	3083240	-	4	4	G.KWQSSGGEKSKFGAATQVLQVLVETLR.E	31
PHEAT-5625	proteomics_heat	3083436	3083477	-	4	6	K.AELMAVLAHAGMTR.S	18
PHEAT-5626	proteomics_heat	3083478	3083534	-	4	7	R.VIESLIHSGEPLGLEAGSK.A	23
PHEAT-5627	proteomics_heat	3083478	3083537	-	4	2	R.RVIESLIHSGEPLGLEAGSK.A	24
PHEAT-5628	proteomics_heat	3083553	3083600	-	4	4	R.ESYGYNGDYFLVYPIK.V	20
PHEAT-5629	proteomics_heat	3083637	3083678	-	4	7	R.LPALFCFPQILQHR.L	18
PHEAT-5630	proteomics_heat	3083832	3083873	-	4	3	R.SMQEAMSSQEASK.M	18
PHEAT-5631	proteomics_heat	3083874	3083930	-	4	2	M.SDDMSMGLPSSAGEHGVLR.S	23
PHEAT-5632	proteomics_heat	3097821	3097868	-	4	2	R.VPTGATTQDAEVD DAK.Y	20
PHEAT-5633	proteomics_heat	3099022	3099099	-	5	2	K.SGGNPLQNVLGSGLGQSSIQTEWKK.Q	30
PHEAT-5634	proteomics_heat	3099025	3099099	-	5	3	K.SGGNPLQNVLGSGLGQSSIQTEWK.K	29
PHEAT-5635	proteomics_heat	3099112	3099186	-	5	3	R.AEQQLVNVQAMGGILQDSINEMGAK.A	29
PHEAT-5636	proteomics_heat	3099520	3099558	-	5	6	R.DDVIVSPQTQVVK.G	17
PHEAT-5637	proteomics_heat	3099898	3099927	-	5	9	K.CTEEHQAIVR.K	14
PHEAT-5638	proteomics_heat	3099994	3100071	-	5	28	R.FPEGTSEEQIDKTVDDFINEVIEPNK.L	30
PHEAT-5639	proteomics_heat	3100036	3100071	-	5	10	R.FPEGTSEEQIDK.T	16
PHEAT-5640	proteomics_heat	3100164	3100199	-	4	3	R.LGHGVWDL MFER.V	16

PHEAT-5641	proteomics_heat	3100233	3100277	-	4	3	K.NLSESN DYVPRPASR.P	19
PHEAT-5642	proteomics_heat	3100431	3100466	-	4	2	R.MVQLFFDPWHK.A	16
PHEAT-5643	proteomics_heat	3100491	3100526	-	4	10	R.VMCHDAVEVLHK.M	16
PHEAT-5644	proteomics_heat	3100527	3100625	-	4	2	K.DRPEQDFLGIEVHSPGVGACLASAHEEGLSNLR.V	37
PHEAT-5645	proteomics_heat	3100821	3100868	-	4	2	K.NDVISPEFDENGRPLR.R	20
PHEAT-5646	proteomics_heat	3105165	3105248	-	4	3	R.IAAEGALPYPPGVLCVVPGEVWGGAVQR.Y	32
PHEAT-5647	proteomics_heat	3105375	3105422	-	4	2	R.QLCQEMHDLYVSFDVK.D	20
PHEAT-5648	proteomics_heat	3105627	3105716	-	4	2	K.LLLTTPGIDAETGEYSDFGV PATILAHYLR.E	34
PHEAT-5649	proteomics_heat	3105636	3105716	-	4	4	K.LLLTTPGIDAETGEYSDFGV PATILAH.Y	31
PHEAT-5650	proteomics_heat	3106464	3106526	-	4	3	K.SNHHGALIQAGATPVYLEASR.N	25
PHEAT-5651	proteomics_heat	3106671	3106706	-	4	2	K.LGDLLIHEGSAK.D	16
PHEAT-5652	proteomics_heat	3106707	3106733	-	4	3	R.ADMCNADV K.L	13
PHEAT-5653	proteomics_heat	3106734	3106769	-	4	5	R.HFYDFFGENVFR.A	16
PHEAT-5654	proteomics_heat	3115332	3115373	-	4	2	K.DGQCTLN SDPDDMK.N	18
PHEAT-5655	proteomics_heat	3115623	3115676	-	4	3	R.GQAVVNISNAAFPILMAR.N	22
PHEAT-5656	proteomics_heat	3119932	3119970	-	5	6	K.VPDIHNVALMEDR.A	17
PHEAT-5657	proteomics_heat	3120331	3120366	-	5	2	R.NNVLSGLFCGLR.G	16
PHEAT-5658	proteomics_heat	3120412	3120459	-	5	2	R.TGDEMHSVMEAGPLR.K	20
PHEAT-5659	proteomics_heat	3120565	3120603	-	5	2	R.IETMLGMAPNTLK.M	17
PHEAT-5660	proteomics_heat	3120616	3120651	-	5	4	K.MHG PQEVAFANK.L	16
PHEAT-5661	proteomics_heat	3120652	3120681	-	5	3	R.TGSVYIVKPK.M	14
PHEAT-5662	proteomics_heat	3120925	3120963	-	5	2	R.NLLGLMQGTLQEK.M	17
PHEAT-5663	proteomics_heat	3121439	3121501	-	6	5	N.HQPGGAAAGGSGNERPLRAER.G	25
PHEAT-5664	proteomics_heat	3121453	3121536	-	5	4	R.VTVETT GIDSEITSQAGPQLVVPAMNAR.Y	32
PHEAT-5665	proteomics_heat	3121675	3121716	-	5	4	R.NFDEIVHDLAPENR.Q	18
PHEAT-5666	proteomics_heat	3121717	3121773	-	5	3	R.FVDEEVLP GTGLDAAAFWR.N	23
PHEAT-5667	proteomics_heat	3121876	3122004	-	5	2	R.TAFVTAPLLTSLEGGVPVVVDGQIIGAVGV SGLTGAQDAQVAK.A	47
PHEAT-5668	proteomics_heat	3122062	3122115	-	5	2	R.MDDCAPIAAYISQEKART.A	22
PHEAT-5669	proteomics_heat	3122071	3122115	-	5	2	R.MDDCAPIAAYISQEK.A	19
PHEAT-5670	proteomics_heat	3122179	3122241	-	5	3	K.VILSQMASAIIAAGQEEAQK.N	25
PHEAT-5671	proteomics_heat	3125366	3125467	-	6	3	L.TLGSDALDSPGFDLLALFTGSEGM LGVTEVTVK.L	38
PHEAT-5672	proteomics_heat	3134691	3134723	-	4	2	K.ESDIEPLIVVK.K	15
PHEAT-5673	proteomics_heat	3134880	3134930	-	4	2	R.CGSNIDLVS HHEEVLDK.T	21
PHEAT-5674	proteomics_heat	3134891	3134932	-	6	2	V.AVAAISTSSAIMKR.C	18
PHEAT-5675	proteomics_heat	3134931	3134963	-	4	2	K.TGYAVKPIAGR.C	15
PHEAT-5676	proteomics_heat	3135009	3135050	-	4	2	K.AILPILW SLPFPHR.Y	18
PHEAT-5677	proteomics_heat	3135051	3135122	-	4	3	R.LIDVLLRPEVLVFEPLWTVIPGNK.A	28
PHEAT-5678	proteomics_heat	3135150	3135188	-	4	2	R.EVS DREFAAVPIR.T	17
PHEAT-5679	proteomics_heat	3135189	3135224	-	4	2	K.TWAWETA FDQIR.E	16
PHEAT-5680	proteomics_heat	3135246	3135302	-	4	4	R.GLDELGWDAAGQLIDGEGR.L	23
PHEAT-5681	proteomics_heat	3135312	3135380	-	4	2	K.DIEENYHAQFMEQALHQAGFETR.I	27
PHEAT-5682	proteomics_heat	3135423	3135479	-	4	5	K.GNGFNPAEGLINELAGAWK.H	23
PHEAT-5683	proteomics_heat	3135660	3135704	-	4	3	K.VLKDDNLLALFDIPK.I	19
PHEAT-5684	proteomics_heat	3135705	3135749	-	4	7	K.ATNELHLMYLHATDK.V	19
PHEAT-5685	proteomics_heat	3136056	3136112	-	4	6	R.IAEQNVIHSPLPQQQWTR.E	23
PHEAT-5686	proteomics_heat	3136119	3136163	-	4	9	K.DTGHVAIITQLHG NK.V	19

PHEAT-5687	proteomics_heat	3136215	3136271	-	4	2	R.EVVNDNILPLQAFPNGSPR.A	23
PHEAT-5688	proteomics_heat	3139602	3139655	-	4	4	K.GDHTTFVKPNIPATGEFK.G	22
PHEAT-5689	proteomics_heat	3148879	3148914	-	5	2	K.VMDTLHQAGYLK.I	16
PHEAT-5690	proteomics_heat	3148972	3149058	-	5	3	K.ADNSMFIGNDPVTDETMITALNALTEGKK.D	33
PHEAT-5691	proteomics_heat	3148975	3149058	-	5	2	K.ADNSMFIGNDPVTDETMITALNALTEGK.K	32
PHEAT-5692	proteomics_heat	3149059	3149127	-	5	4	K.VNLPASTSTPQPRPEKPVYLSVK.A	27
PHEAT-5693	proteomics_heat	3149677	3149763	-	5	2	K.SLSLHLLNEAQNELELSEGSDDNEGKER.T	33
PHEAT-5694	proteomics_heat	3149764	3149808	-	5	2	R.SLNQANDIAADFGSK.S	19
PHEAT-5695	proteomics_heat	3159573	3159629	-	4	2	R.DISLGDDPGINGQLWDVNR.I	23
PHEAT-5696	proteomics_heat	3159885	3159968	-	4	2	R.YQLQMNDGRPLHVISGDQGFLLPAPVSVK.Q	32
PHEAT-5697	proteomics_heat	3160014	3160121	-	4	3	R.LDNFGTPEYNEPGSGGFVGDTLVNGVQSPYVEVSR.G	40
PHEAT-5698	proteomics_heat	3160248	3160292	-	4	2	R.QNAATLWYHANTPNR.T	19
PHEAT-5699	proteomics_heat	3160787	3160819	-	6	3	K.IAELDKEVAER.E	15
PHEAT-5700	proteomics_heat	3160871	3160933	-	6	3	R.LHNGLVIVEMLPIDVSYGK.D	25
PHEAT-5701	proteomics_heat	3160949	3161023	-	6	4	K.TGAFHAAIAAGVPIIPVCVSTTSNK.I	29
PHEAT-5702	proteomics_heat	3161767	3161796	-	5	6	R.IDRVEIDSPR.R	14
PHEAT-5703	proteomics_heat	3162001	3162042	-	5	2	R.MLMFVSDLPQLSK.G	18
PHEAT-5704	proteomics_heat	3162043	3162138	-	5	38	K.ALITLPENAHVMPPVVEDASDMLLAITQAGR.M	36
PHEAT-5705	proteomics_heat	3162418	3162453	-	5	3	K.GHDIDAPGLNYK.A	16
PHEAT-5706	proteomics_heat	3162463	3162534	-	5	2	K.AMSEHDMLPSEPVTIVLSQMGWVR.S	28
PHEAT-5707	proteomics_heat	3162568	3162606	-	5	2	K.ELQADAQAYGDDR.R	17
PHEAT-5708	proteomics_heat	3163027	3163089	-	5	4	R.SNRVDMDQVMNHLFATTDLEK.S	25
PHEAT-5709	proteomics_heat	3163201	3163257	-	5	6	K.KEDGAVVISALPHQVSGAR.V	23
PHEAT-5710	proteomics_heat	3163321	3163395	-	5	3	K.TTLDQLLDIVQGPDYPTAEIITSR.A	29
PHEAT-5711	proteomics_heat	3163438	3163515	-	5	5	R.LPNILLNGTTGIAVGMATDIPPHNLR.E	30
PHEAT-5712	proteomics_heat	3163657	3163707	-	5	3	R.YPLVDGQGNWGAPDDPK.S	21
PHEAT-5713	proteomics_heat	3163867	3163908	-	5	2	R.ALPIFGDGLKPVQR.R	18
PHEAT-5714	proteomics_heat	3165924	3165956	-	4	2	K.GNAQPHPSTIK.L	15
PHEAT-5715	proteomics_heat	3167420	3167461	-	6	5	K.DASGTINVIDIDHKR.W	18
PHEAT-5716	proteomics_heat	3167462	3167488	-	6	2	R.ISDDLIVFK.D	13
PHEAT-5717	proteomics_heat	3167507	3167539	-	6	2	K.SLRDDTWVTLR.G	15
PHEAT-5718	proteomics_heat	3167540	3167638	-	6	13	A.AEQGGFSGPSATQSQAGGFQGPNGSVTTVESAK.S	37
PHEAT-5719	proteomics_heat	3172981	3173022	-	5	3	R.DGQVYNIAFENGEK.V	18
PHEAT-5720	proteomics_heat	3173047	3173109	-	5	2	K.NYQFSGGLHGVGISVVALSK.R	25
PHEAT-5721	proteomics_heat	3173140	3173202	-	5	4	R.GMPVDIHPEEGVPAVELILCR.L	25
PHEAT-5722	proteomics_heat	3173359	3173415	-	5	3	M.TQTYNADAIEVLTGLEPVR.R	23
PHEAT-5723	proteomics_heat	3173450	3173539	-	6	2	R.QTVIEGGNHAFTGFEDYFNPIVDLFLGLHLL.-	34
PHEAT-5724	proteomics_heat	3174769	3174807	-	5	3	R.ILQITDTHLFAQK.H	17
PHEAT-5725	proteomics_heat	3175513	3175563	-	5	4	R.TKPVLSFLASPGGTSER.S	21
PHEAT-5726	proteomics_heat	3175696	3175764	-	5	11	R.GHAAVLLPFDVPRDEVVLIEQIR.I	27
PHEAT-5727	proteomics_heat	3181862	3181906	-	6	18	K.HNMALVTIEDLVAYR.Q	19
PHEAT-5728	proteomics_heat	3182267	3182308	-	6	4	R.HGSGIVCLCITEDR.R	18
PHEAT-5729	proteomics_heat	3182309	3182407	-	6	2	R.GVMVLDDDEDRENEGDMIFPAETMTVEQMALTIR.H	37
PHEAT-5730	proteomics_heat	3182444	3182488	-	6	3	T.MNQTLSSFGTPPER.V	19
PHEAT-5731	proteomics_heat	3193444	3193482	-	5	3	K.GGDYKPEEIASGK.E	17
PHEAT-5732	proteomics_heat	3193483	3193518	-	5	3	R.LIAGILPDLLVK.G	16

PHEAT-5733	proteomics_heat	3193684	3193752	-	5	3	K.VVMTNGVFDILHAGHVSYLANAR.K	27
PHEAT-5734	proteomics_heat	3194161	3194214	-	5	8	R.GATLLTPNLSEFEAVVGK.C	22
PHEAT-5735	proteomics_heat	3194239	3194271	-	5	3	R.KAGVPVLIDPK.G	15
PHEAT-5736	proteomics_heat	3194272	3194313	-	5	2	K.GALASVQQMIQLAR.K	18
PHEAT-5737	proteomics_heat	3194314	3194367	-	5	8	R.INQALSSIGALVLSYAK.G	22
PHEAT-5738	proteomics_heat	3194368	3194421	-	5	5	R.LDFEEGFEGVDPQPLHER.I	22
PHEAT-5739	proteomics_heat	3194458	3194499	-	5	3	K.CDFVSVPTHPTITK.L	18
PHEAT-5740	proteomics_heat	3194500	3194523	-	5	2	K.SLADVNVK.C	12
PHEAT-5741	proteomics_heat	3194536	3194571	-	5	2	R.LVGLTGIDDAAR.A	16
PHEAT-5742	proteomics_heat	3194572	3194649	-	5	7	K.VNTIEERPGGAANVAMNIASLGANAR.L	30
PHEAT-5743	proteomics_heat	3195069	3195125	-	4	11	K.ADEGGITDIEFITQYLVL.R.Y	23
PHEAT-5744	proteomics_heat	3195810	3195851	-	4	3	R.VPEDDEEQLEALR.Q	18
PHEAT-5745	proteomics_heat	3195867	3195950	-	4	2	R.YPLLLDELDPNTLYQPTATDAYRDEL.R.Q	32
PHEAT-5746	proteomics_heat	3195951	3196004	-	4	3	K.HLISLCAASPMIASQLAR.Y	22
PHEAT-5747	proteomics_heat	3196230	3196304	-	4	3	R.ELWQDALQEDDTPVLAHLSSEDDRK.Q	29
PHEAT-5748	proteomics_heat	3197001	3197039	-	4	2	K.VLDQPTQDGFVYR.V	17
PHEAT-5749	proteomics_heat	3197610	3197663	-	4	2	L.MKPLSSPLQQYWQTVVER.L	22
PHEAT-5750	proteomics_heat	3197692	3197736	-	5	3	R.NEANNQEPFWLHSGK.R	19
PHEAT-5751	proteomics_heat	3197896	3197925	-	5	2	K.SVFCQPLGDR.Y	14
PHEAT-5752	proteomics_heat	3197944	3197967	-	5	4	R.FADIHLR.H	12
PHEAT-5753	proteomics_heat	3198058	3198144	-	5	5	R.DLLTQCEATIASAVSAVTAVYSTETAMAK.L	33
PHEAT-5754	proteomics_heat	3198166	3198201	-	5	6	R.HTLMLFGGIVPR.K	16
PHEAT-5755	proteomics_heat	3198328	3198405	-	5	2	R.GYHLAQGNPAREIKPTTILHVAAKAD.V	30
PHEAT-5756	proteomics_heat	3198334	3198372	-	5	4	R.EIKPTTILHVAAK.A	17
PHEAT-5757	proteomics_heat	3198373	3198405	-	5	2	R.GYHLAQGNPAR.E	15
PHEAT-5758	proteomics_heat	3198433	3198468	-	5	3	K.LANQLVSQTGLR.Q	16
PHEAT-5759	proteomics_heat	3198481	3198543	-	5	3	K.AGEFAEPICELELELLSGDTR.A	25
PHEAT-5760	proteomics_heat	3198841	3198927	-	5	2	R.DHLNLTGGEHHPVQLLNIIYETPDNWL.R.G	33
PHEAT-5761	proteomics_heat	3198928	3198963	-	5	4	K.FIVNHSAVEALR.D	16
PHEAT-5762	proteomics_heat	3208278	3208352	-	4	2	K.DIDAVAYTAGPGLVGLLVGATVGR.S	29
PHEAT-5763	proteomics_heat	3208419	3208463	-	4	2	K.LHADYGGVVPELASR.D	19
PHEAT-5764	proteomics_heat	3213250	3213291	-	5	9	K.LVDRPTVQANEVSK.Q	18
PHEAT-5765	proteomics_heat	3213307	3213348	-	5	2	R.QLKPQEAQHLLDYR.C	18
PHEAT-5766	proteomics_heat	3213782	3213814	-	6	3	R.RFEAEQYDPQR.V	15
PHEAT-5767	proteomics_heat	3213836	3213895	-	6	4	R.LAQMQUIPADDYFIWITGEGK.V	24
PHEAT-5768	proteomics_heat	3213983	3214024	-	6	4	K.LAVKPQVSALVSVR.D	18
PHEAT-5769	proteomics_heat	3214370	3214411	-	6	2	R.IVLGGEALDGFTSR.G	18
PHEAT-5770	proteomics_heat	3215917	3215946	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-5771	proteomics_heat	3215917	3215946	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-5772	proteomics_heat	3215917	3215946	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-5773	proteomics_heat	3215917	3215946	-	5	4	R.GFAVVAGEVR.N	14
PHEAT-5774	proteomics_heat	3216271	3216306	-	5	5	V.SSVRNGSETLAK.G	16
PHEAT-5775	proteomics_heat	3228008	3228070	-	6	2	K.AHILRTHAIARLDLPGEDRAD.I	25
PHEAT-5776	proteomics_heat	3233559	3233612	-	4	2	K.FLDSTADYPQQPGVVLK.V	22
PHEAT-5777	proteomics_heat	3241642	3241701	-	5	2	R.DNEVLGTMIGNFQEGMPGK.M	24
PHEAT-5778	proteomics_heat	3242335	3242412	-	5	3	K.LLSPSTADEIWNENELLAQDNFSAR.G	30

PHEAT-5779	proteomics_heat	3251817	3251870	-	4	2	K.ANTQLAIITEVLAGAWER.L	22
PHEAT-5780	proteomics_heat	3251958	3252011	-	4	3	R.VLLEAADKLTDDAEALAR.G	22
PHEAT-5781	proteomics_heat	3252105	3252137	-	4	2	R.VPSALSYTMQK.L	15
PHEAT-5782	proteomics_heat	3254350	3254382	-	5	2	K.DATAQAIADAK.A	15
PHEAT-5783	proteomics_heat	3257752	3257778	-	5	3	K.LEIEIAIVR.S	13
PHEAT-5784	proteomics_heat	3258467	3258499	-	6	2	K.GAVASLTSVAK.L	15
PHEAT-5785	proteomics_heat	3258467	3258499	-	6	2	K.GAVASLTSVAK.L	15
PHEAT-5786	proteomics_heat	3258878	3258916	-	6	5	K.YSYEASLMALHDR.D	17
PHEAT-5787	proteomics_heat	3258878	3258916	-	6	5	K.YSYEASLMALHDR.D	17
PHEAT-5788	proteomics_heat	3259067	3259093	-	6	2	Y.AINGGVDEK.L	13
PHEAT-5789	proteomics_heat	3259067	3259093	-	6	2	Y.AINGGVDEK.L	13
PHEAT-5790	proteomics_heat	3262494	3262568	-	4	7	K.DLMVKVMSYLVWPFIASLVLISLSL.I	29
PHEAT-5791	proteomics_heat	3264884	3264967	-	6	2	K.IINDIEDYFGVELVVRKNTGVTLTAPAGQ.L	32
PHEAT-5792	proteomics_heat	3269970	3270059	-	4	5	K.DLANALDTSHGVAQLPLTAAVMMEMMQALR.A	34
PHEAT-5793	proteomics_heat	3270264	3270320	-	4	3	K.AMAGSVVHTGEIGAGNVTK.L	23
PHEAT-5794	proteomics_heat	3270621	3270710	-	4	3	K.AGYSLLVADRNPEDIAADVIAAGAETASTAK.A	34
PHEAT-5795	proteomics_heat	3276073	3276105	-	5	2	R.GVSTHNEDEAR.L	15
PHEAT-5796	proteomics_heat	3276433	3276498	-	5	3	R.AYGGALICDSTTPSVEPSVEDK.S	26
PHEAT-5797	proteomics_heat	3289151	3289222	-	6	7	D.IPERYSMPSPSTILCCPVSSLLAR.A	28
PHEAT-5798	proteomics_heat	3290614	3290649	-	5	2	K.AQEEDLPADALR.T	16
PHEAT-5799	proteomics_heat	3290704	3290757	-	5	4	K.TWETIHGAPVGGELLAWVK.E	22
PHEAT-5800	proteomics_heat	3290788	3290835	-	5	3	R.LLDSLEDIVAVLGESR.Y	20
PHEAT-5801	proteomics_heat	3291268	3291351	-	5	2	K.QHQSADNSQGQLYIVPTPIGNLADITQR.A	32
PHEAT-5802	proteomics_heat	3295750	3295830	-	5	2	R.GTLLGLTFLSLPGMMCTCCAAPVAAGMR.R	31
PHEAT-5803	proteomics_heat	3296005	3296040	-	5	2	K.AFTAAETHSIGK.S	16
PHEAT-5804	proteomics_heat	3296248	3296316	-	5	2	R.VMLAESMRPEHEGVITLSSSELK.K	27
PHEAT-5805	proteomics_heat	3296449	3296496	-	5	2	R.VKGEMEEALIAQNWPK.L	20
PHEAT-5806	proteomics_heat	3297722	3297781	-	6	2	R.HAQMSGPQAAVAGTVNGQPK.T	24
PHEAT-5807	proteomics_heat	3298280	3298345	-	6	2	R.LADDALNGVTGLVEYHEHFNR.F-	26
PHEAT-5808	proteomics_heat	3298388	3298423	-	6	4	R.FGFELAAHHDLR.C	16
PHEAT-5809	proteomics_heat	3298724	3298768	-	6	2	R.VEIPIDAPGIDALLR.R	19
PHEAT-5810	proteomics_heat	3304170	3304235	-	4	5	R.ILNKPMNMQLLGDAQPHGTGGER.R	26
PHEAT-5811	proteomics_heat	3304278	3304313	-	4	2	K.LFASHSTIELPK.G	16
PHEAT-5812	proteomics_heat	3304332	3304376	-	4	9	R.HIVGAIANEGDISSR.Y	19
PHEAT-5813	proteomics_heat	3304413	3304439	-	4	2	R.DVGDMLQYR.I	13
PHEAT-5814	proteomics_heat	3304536	3304574	-	4	2	R.TLIVPPDAPMRPK.R	17
PHEAT-5815	proteomics_heat	3304671	3304712	-	4	3	K.VQQQLESSLDQYR.A	18
PHEAT-5816	proteomics_heat	3305031	3305081	-	4	5	R.NGYNSAALNGDMNQALR.E	21
PHEAT-5817	proteomics_heat	3305124	3305168	-	4	2	R.FLEAEDFDAIIFVR.T	19
PHEAT-5818	proteomics_heat	3305298	3305393	-	4	17	R.MGFIEDVETIMAIPEGHQTALFSATMPEAIR.R	36
PHEAT-5819	proteomics_heat	3305541	3305576	-	4	2	R.GVNVVALYGGQR.Y	16
PHEAT-5820	proteomics_heat	3305586	3305630	-	4	3	R.ELAVQVAEAMTDFSK.H	19
PHEAT-5821	proteomics_heat	3305631	3305714	-	4	7	K.TAAFSLPLLQNLDPQLKAPQILVLAPTR.E	32
PHEAT-5822	proteomics_heat	3305664	3305714	-	4	3	K.TAAFSLPLLQNLDPQLK.A	21
PHEAT-5823	proteomics_heat	3305715	3305750	-	4	5	R.DVLGMAQTGSGK.T	16
PHEAT-5824	proteomics_heat	3306221	3306292	-	6	2	R.LKADATDNTSLAEHLSETNFYLGK.Y	28

PHEAT-5825	proteomics_heat	3306809	3306871	-	6	5	R.KSEVLAVPLQPTLQQEVILAR.M	25
PHEAT-5826	proteomics_heat	3307166	3307207	-	6	3	K.VTDYLQMGQEVVVK.V	18
PHEAT-5827	proteomics_heat	3307217	3307255	-	6	8	K.EGLVHISQIADKR.V	17
PHEAT-5828	proteomics_heat	3307220	3307255	-	6	6	K.EGLVHISQIADK.R	16
PHEAT-5829	proteomics_heat	3307322	3307360	-	6	15	R.RIEEITAEIEVGR.V	17
PHEAT-5830	proteomics_heat	3307403	3307459	-	6	22	R.ALTEETGTTIEIEDDGTVK.I	23
PHEAT-5831	proteomics_heat	3307478	3307513	-	6	3	K.INPDKIKDVIGK.G	16
PHEAT-5832	proteomics_heat	3307556	3307600	-	6	32	R.LHILGVMEQAINAPR.G	19
PHEAT-5833	proteomics_heat	3307610	3307642	-	6	6	K.EIMQVALNQAK.G	15
PHEAT-5834	proteomics_heat	3307661	3307693	-	6	8	R.DGISALQMDIK.I	15
PHEAT-5835	proteomics_heat	3307709	3307780	-	6	9	K.EGDNYVVLSDILGDEDHLGDMDFK.V	28
PHEAT-5836	proteomics_heat	3307781	3307816	-	6	9	K.AAVAGIAMGLVK.E	16
PHEAT-5837	proteomics_heat	3307817	3307912	-	6	10	R.VVSEITESNGSSSMASVCGASLALMDAGVPIK.A	36
PHEAT-5838	proteomics_heat	3307913	3307963	-	6	8	R.GVLAVMPDMDKFPYTVR.V	21
PHEAT-5839	proteomics_heat	3307913	3307966	-	6	9	K.RGVLAVMPDMDKFPYTVR.V	22
PHEAT-5840	proteomics_heat	3308000	3308074	-	6	24	R.TDTFLFHYNFPYVGETGMVGSFK.R	29
PHEAT-5841	proteomics_heat	3308075	3308110	-	6	5	R.DAQVLDELMGER.T	16
PHEAT-5842	proteomics_heat	3308111	3308155	-	6	7	R.GETQALVTATLGAR.D	19
PHEAT-5843	proteomics_heat	3308156	3308182	-	6	3	R.THGSALFR.G	13
PHEAT-5844	proteomics_heat	3308285	3308368	-	6	69	K.SETIATLLAEDETLDENELGEILHAIK.N	32
PHEAT-5845	proteomics_heat	3308369	3308392	-	6	4	R.YAQVDVIK.S	12
PHEAT-5846	proteomics_heat	3308432	3308455	-	6	2	R.VAALAEAR.L	12
PHEAT-5847	proteomics_heat	3308456	3308500	-	6	4	R.WDWQPEPVNEALNAR.V	19
PHEAT-5848	proteomics_heat	3308669	3308731	-	6	6	R.VGYINDQYVLNPTQDELKESK.L	25
PHEAT-5849	proteomics_heat	3308678	3308731	-	6	8	R.VGYINDQYVLNPTQDELK.E	22
PHEAT-5850	proteomics_heat	3308912	3308950	-	6	9	R.EGRPSEGETLIAR.L	17
PHEAT-5851	proteomics_heat	3308912	3308953	-	6	3	R.REGRPSEGETLIAR.L	18
PHEAT-5852	proteomics_heat	3308993	3309043	-	6	12	K.AKPGQDFFPLTVNYQER.T	21
PHEAT-5853	proteomics_heat	3308993	3309046	-	6	2	K.KAKPGQDFFPLTVNYQER.T	22
PHEAT-5854	proteomics_heat	3309116	3309166	-	6	8	K.FQYGQHTVTLETGMMAR.Q	21
PHEAT-5855	proteomics_heat	3309116	3309169	-	6	2	R.KFYQGQHTVTLETGMMAR.Q	22
PHEAT-5856	proteomics_heat	3309134	3309169	-	6	3	R.KFYQGQHTVTLE.T	16
PHEAT-5857	proteomics_heat	3309455	3309475	-	6	13	R.YTQLIER.L	11
PHEAT-5858	proteomics_heat	3309494	3309514	-	6	6	R.KLLDYLK.R	11
PHEAT-5859	proteomics_heat	3309563	3309655	-	6	21	R.DANDTGSTEVQVALLTAQINHLQGHFAEHKK.D	35
PHEAT-5860	proteomics_heat	3309566	3309655	-	6	45	R.DANDTGSTEVQVALLTAQINHLQGHFAEHK.K	34
PHEAT-5861	proteomics_heat	3309581	3309655	-	6	2	R.DANDTGSTEVQVALLTAQINHLQGH.F	29
PHEAT-5862	proteomics_heat	3310197	3310229	-	4	2	K.LGCGAHVIYLR.R	15
PHEAT-5863	proteomics_heat	3310272	3310313	-	4	3	R.HEGNELELEIHCCK.G	18
PHEAT-5864	proteomics_heat	3310608	3310679	-	4	3	R.AGHTGALDPLATGMLPICLGEATK.F	28
PHEAT-5865	proteomics_heat	3310832	3310876	-	6	4	R.MSNLVTSVVVKHDEER.R	19
PHEAT-5866	proteomics_heat	3310877	3310930	-	6	28	R.IVPELTFYDNSLVEGMR.M	22
PHEAT-5867	proteomics_heat	3310961	3310990	-	6	3	K.ALQEASGFIR.S	14
PHEAT-5868	proteomics_heat	3311003	3311047	-	6	6	K.VYVTFLNKDEDVAVK.A	19
PHEAT-5869	proteomics_heat	3311126	3311149	-	6	3	K.EIALILQR.E	12
PHEAT-5870	proteomics_heat	3311376	3311420	-	4	20	R.TGDVIEVFEIIEIQR.T	19

PHEAT-5871	proteomics_heat	3311439	3311468	-	4	7	R.NGMECGIGVK.N	14
PHEAT-5872	proteomics_heat	3311469	3311495	-	4	7	R.FKDDVNEVR.N	13
PHEAT-5873	proteomics_heat	3311496	3311540	-	4	13	R.DNVVIYEGELESRR.F	19
PHEAT-5874	proteomics_heat	3311496	3311549	-	4	3	R.VLRDNVVIYEGELESRR.F	22
PHEAT-5875	proteomics_heat	3311499	3311540	-	4	3	R.DNVVIYEGELESR.R	18
PHEAT-5876	proteomics_heat	3311565	3311612	-	4	5	K.FGAIAGCMVTEGVVKR.H	20
PHEAT-5877	proteomics_heat	3311568	3311612	-	4	5	K.FGAIAGCMVTEGVVK.R	19
PHEAT-5878	proteomics_heat	3311634	3311663	-	4	2	K.QQIIGLAEVR.D	14
PHEAT-5879	proteomics_heat	3311664	3311699	-	4	6	K.AAMSGMLSPELK.Q	16
PHEAT-5880	proteomics_heat	3311700	3311738	-	4	31	R.YYSVIYNLIDEVK.A	17
PHEAT-5881	proteomics_heat	3311739	3311771	-	4	13	R.KVIEAESLDR.Y	15
PHEAT-5882	proteomics_heat	3311790	3311879	-	4	155	K.IIGSGVGGITETDATALAASNAILVGFNVR.A	34
PHEAT-5883	proteomics_heat	3311907	3311954	-	4	10	K.ADVQGSVEAISDSLK.L	20
PHEAT-5884	proteomics_heat	3311955	3312023	-	4	29	K.SKLENMFANMTEGEVHEVNIVLK.A	27
PHEAT-5885	proteomics_heat	3312090	3312206	-	4	2	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEKK.A	43
PHEAT-5886	proteomics_heat	3312093	3312206	-	4	6	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVRDEK.K	42
PHEAT-5887	proteomics_heat	3312102	3312206	-	4	11	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVR.D	39
PHEAT-5888	proteomics_heat	3312222	3312275	-	4	2	R.EGTLHKGDIVLCGFYGR.V	22
PHEAT-5889	proteomics_heat	3312276	3312302	-	4	3	R.GPVATVLVR.E	13
PHEAT-5890	proteomics_heat	3312309	3312350	-	4	2	K.GMASGAVIESFLDK.G	18
PHEAT-5891	proteomics_heat	3312309	3312353	-	4	12	R.KGMASGAVIESFLDK.G	19
PHEAT-5892	proteomics_heat	3312363	3312428	-	4	66	K.AGTGIDELLDAILLQAEVLELK.A	26
PHEAT-5893	proteomics_heat	3312429	3312503	-	4	3	K.NELSQYGILPEEWGGESQFVHVSAA.A	29
PHEAT-5894	proteomics_heat	3312429	3312509	-	4	13	R.VKNELSQYGILPEEWGGESQFVHVSAA.A	31
PHEAT-5895	proteomics_heat	3312504	3312539	-	4	2	K.IDKPEADPDRVK.N	16
PHEAT-5896	proteomics_heat	3312504	3312575	-	4	2	K.AAQVPVVAVNKKIDKPEADPDRVK.N	28
PHEAT-5897	proteomics_heat	3312510	3312575	-	4	5	K.AAQVPVVAVNKKIDKPEADPDR.V	26
PHEAT-5898	proteomics_heat	3312540	3312575	-	4	5	K.AAQVPVVAVNK.I	16
PHEAT-5899	proteomics_heat	3312576	3312665	-	4	46	R.GAQATDIVVLVAADDGVMPTIEAIQHAK.A	34
PHEAT-5900	proteomics_heat	3312672	3312755	-	4	2	H.IGAYHVETENGMITFLDTPGHAAFTSMR.A	32
PHEAT-5901	proteomics_heat	3312756	3312791	-	4	4	K.VASGEAGGITQH.I	16
PHEAT-5902	proteomics_heat	3312801	3312824	-	4	4	K.TSLLDYIR.S	12
PHEAT-5903	proteomics_heat	3312825	3312866	-	4	9	R.APVVTIMGHVDHGK.T	18
PHEAT-5904	proteomics_heat	3312867	3312932	-	4	2	R.RENELEEAVMSDRDTGAAAEP.R.A	26
PHEAT-5905	proteomics_heat	3312894	3312929	-	4	3	R.ENELEEAVMSDR.D	16
PHEAT-5906	proteomics_heat	3312894	3312932	-	4	3	R.RENELEEAVMSDR.D	17
PHEAT-5907	proteomics_heat	3312945	3313022	-	4	27	K.LGAMATINQVIDQETAQLVAEEMGHK.V	30
PHEAT-5908	proteomics_heat	3313065	3313112	-	4	12	R.DVVIGETITVGELANK.M	20
PHEAT-5909	proteomics_heat	3313113	3313163	-	4	9	K.GSSLQQGFQKPAQAVNR.D	21
PHEAT-5910	proteomics_heat	3313326	3313394	-	4	3	K.WTDNAEPTEDSSDYHVTTTSQHAR.Q	27
PHEAT-5911	proteomics_heat	3313326	3313412	-	4	2	R.MAEENKWTDNAEPTEDSSDYHVTTTSQHAR.Q	33
PHEAT-5912	proteomics_heat	3313482	3313508	-	4	6	R.EQEAAELKR.K	13
PHEAT-5913	proteomics_heat	3313482	3313511	-	4	2	R.REQEAAELKR.K	14
PHEAT-5914	proteomics_heat	3313536	3313565	-	4	7	K.VSNQQDDMTK.N	14
PHEAT-5915	proteomics_heat	3313536	3313586	-	4	2	R.EAAEKDKVSNQQDDMTK.N	21
PHEAT-5916	proteomics_heat	3313707	3313733	-	4	2	R.LAAEEQAQR.E	13

PHEAT-5917	proteomics_heat	3313707	3313736	-	4	2	E.RLAAEEQAQR.E	14
PHEAT-5918	proteomics_heat	3313806	3313838	-	4	3	R.STLNIPGTGGK.S	15
PHEAT-5919	proteomics_heat	3313848	3313880	-	4	4	K.NSGPDKLTLQR.K	15
PHEAT-5920	proteomics_heat	3313881	3313910	-	4	6	K.QLIDHLNQK.N	14
PHEAT-5921	proteomics_heat	3313911	3313943	-	4	3	K.SADDSVSAQEK.Q	15
PHEAT-5922	proteomics_heat	3313944	3313979	-	4	2	R.LVQQFADAGIRK.S	16
PHEAT-5923	proteomics_heat	3314091	3314117	-	4	2	K.AGALIMAAR.N	13
PHEAT-5924	proteomics_heat	3314091	3314195	-	4	5	R.GVCTLEDLAEQGIDDLADIEGLTDEKAGALIMAAR.N	39
PHEAT-5925	proteomics_heat	3314118	3314195	-	4	18	R.GVCTLEDLAEQGIDDLADIEGLTDEK.A	30
PHEAT-5926	proteomics_heat	3314223	3314315	-	4	4	K.NALATIAQAQEESLGDNKPADDLLNLEGVDR.D	35
PHEAT-5927	proteomics_heat	3314328	3314378	-	4	2	K.ELLEIEGLDEPTVEALR.E	21
PHEAT-5928	proteomics_heat	3314466	3314507	-	4	4	K.HQAEAHAAIDTFTK.Y	18
PHEAT-5929	proteomics_heat	3314508	3314570	-	4	5	R.LASQLSGWELNVMTVDDLQAK.H	25
PHEAT-5930	proteomics_heat	3314739	3314774	-	4	4	R.VQAVSTELGGER.I	16
PHEAT-5931	proteomics_heat	3314784	3314816	-	4	2	R.IDPVGACVGM.R	15
PHEAT-5932	proteomics_heat	3314784	3314819	-	4	3	K.RIDPVGACVGM.R	16
PHEAT-5933	proteomics_heat	3314877	3314918	-	4	5	R.IEVPEIGEEVIEIK.A	18
PHEAT-5934	proteomics_heat	3314919	3314951	-	4	12	R.SKPEMLIELFR.I	15
PHEAT-5935	proteomics_heat	3314952	3314975	-	4	6	R.GAQLFVTR.S	12
PHEAT-5936	proteomics_heat	3314976	3315008	-	4	2	R.GVLYSVRPEAR.G	15
PHEAT-5937	proteomics_heat	3315057	3315107	-	4	5	R.DNISLDLGNNAEAVILR.E	21
PHEAT-5938	proteomics_heat	3315117	3315155	-	4	3	R.EHEGEIITGVVKK.V	17
PHEAT-5939	proteomics_heat	3315120	3315155	-	4	6	R.EHEGEIITGVVK.K	16
PHEAT-5940	proteomics_heat	3315120	3315179	-	4	4	R.AMVVDQFREHEGEIITGVVK.K	24
PHEAT-5941	proteomics_heat	3315156	3315179	-	4	5	R.AMVVDQFR.E	12
PHEAT-5942	proteomics_heat	3315237	3315305	-	4	20	R.YEDESINLGDYVEDQIESVTFDR.I	27
PHEAT-5943	proteomics_heat	3315330	3315365	-	4	3	R.WLVDEVTPQTK.E	16
PHEAT-5944	proteomics_heat	3315411	3315437	-	4	4	K.KYEQEIDVR.V	13
PHEAT-5945	proteomics_heat	3315411	3315440	-	4	2	K.KKYEQEIDVR.V	14
PHEAT-5946	proteomics_heat	3315438	3315488	-	4	10	R.EKIFEALESALATATK.K	21
PHEAT-5947	proteomics_heat	3315441	3315482	-	4	3	K.IFEALESALATATK.K	18
PHEAT-5948	proteomics_heat	3315441	3315485	-	4	3	E.KIFEALESALATATK.K	19
PHEAT-5949	proteomics_heat	3315441	3315488	-	4	20	R.EKIFEALESALATATK.K	20
PHEAT-5950	proteomics_heat	3315501	3315539	-	4	2	K.EILAVVEAVSNEK.A	17
PHEAT-5951	proteomics_heat	3315501	3315548	-	4	8	A.MNKEILAVVEAVSNEK.A	20
PHEAT-5952	proteomics_heat	3320198	3320251	-	6	10	K.TEQTQAAPAKPTSDIPN.-	22
PHEAT-5953	proteomics_heat	3320252	3320287	-	6	4	K.GSEWENLSAPAK.T	16
PHEAT-5954	proteomics_heat	3320782	3320832	-	5	6	R.VMVEGEDEAQVTEFAHR.I	21
PHEAT-5955	proteomics_heat	3320878	3320916	-	5	2	K.AVTAEVEAALGNR.G	17
PHEAT-5956	proteomics_heat	3320917	3320961	-	5	4	R.YTAGSGDPLEHESVK.A	19
PHEAT-5957	proteomics_heat	3320992	3321030	-	5	2	R.NHMSLHDLCSGMK.M	17
PHEAT-5958	proteomics_heat	3321031	3321087	-	5	13	K.TTTGDGIVAGLQVLAAMAR.N	23
PHEAT-5959	proteomics_heat	3321088	3321129	-	5	6	R.IGAENSGHVILLDK.T	18
PHEAT-5960	proteomics_heat	3321208	3321261	-	5	4	R.GGAVGTLMSNMGLELALK.Q	22
PHEAT-5961	proteomics_heat	3321289	3321354	-	5	4	R.VIMVDHEGNKVDGDQIMYIAR.E	26
PHEAT-5962	proteomics_heat	3321355	3321393	-	5	2	K.ADLGIAFDGDGDR.V	17

PHEAT-5963	proteomics_heat	3321508	3321564	-	5	3	K.IVVD CANGATYHIAPNVLR.E	23
PHEAT-5964	proteomics_heat	3321565	3321603	-	5	2	K.ATFPNELSLSELK.I	17
PHEAT-5965	proteomics_heat	3321652	3321687	-	5	3	K.EISCVDSAELGK.A	16
PHEAT-5966	proteomics_heat	3321688	3321732	-	5	2	K.LPDAVEEAIEAEMEK.E	19
PHEAT-5967	proteomics_heat	3321688	3321756	-	5	6	K.FFSIDGTKLPDAVEEAIEAEMEK.E	27
PHEAT-5968	proteomics_heat	3321757	3321816	-	5	6	R.AEAGIVISASHNPFYDNGIK.F	24
PHEAT-5969	proteomics_heat	3322009	3322047	-	5	3	R.VGDAPITPDFVLK.L	17
PHEAT-5970	proteomics_heat	3322054	3322080	-	5	4	R.KYFGTDGIR.G	13
PHEAT-5971	proteomics_heat	3322229	3322273	-	6	3	R.KSMIGQLLNVGPSER.L	19
PHEAT-5972	proteomics_heat	3322274	3322324	-	6	3	R.LAEFHFNPLLVGMSR.K	21
PHEAT-5973	proteomics_heat	3322421	3322444	-	6	2	R.YFIEQIAR.C	12
PHEAT-5974	proteomics_heat	3322445	3322495	-	6	2	K.TMQEAPKYDDVFAEVNR.Y	21
PHEAT-5975	proteomics_heat	3322496	3322579	-	6	2	R.SLSEPGALEAAAETGLPVCLMHMQGNPK.T	32
PHEAT-5976	proteomics_heat	3323026	3323070	-	5	4	R.TPNPGNTMSEQLGDK.-	19
PHEAT-5977	proteomics_heat	3323098	3323172	-	5	2	R.RDVRPPAGWEEPGASNNSGDNGSPK.A	29
PHEAT-5978	proteomics_heat	3323173	3323217	-	5	5	K.YETIDAPQIDDLMAR.R	19
PHEAT-5979	proteomics_heat	3323233	3323274	-	5	3	R.QLLTDNMDILHAMK.D	18
PHEAT-5980	proteomics_heat	3323371	3323421	-	5	85	K.LGPLLYAEEEGEVFLGR.S	21
PHEAT-5981	proteomics_heat	3323476	3323538	-	5	5	R.LAEEIYGPEHVSTGASNDIK.V	25
PHEAT-5982	proteomics_heat	3323539	3323580	-	5	6	R.QKLESQISTLYGGR.L	18
PHEAT-5983	proteomics_heat	3323581	3323634	-	5	7	R.ALGVTFFLPEGDAISASR.Q	22
PHEAT-5984	proteomics_heat	3323659	3323688	-	5	5	R.LVPEHDPVHK.V	14
PHEAT-5985	proteomics_heat	3323689	3323733	-	5	12	K.ESTAYHEAGHAIIGR.L	19
PHEAT-5986	proteomics_heat	3323734	3323760	-	5	5	R.SMVMTEAQK.E	13
PHEAT-5987	proteomics_heat	3323797	3323826	-	5	5	K.RVSMVEFEK.A	14
PHEAT-5988	proteomics_heat	3323836	3323904	-	5	16	R.GTPGFSGADLANLVNEAALFAAR.G	27
PHEAT-5989	proteomics_heat	3323905	3323949	-	5	11	R.RVPLAPDIDAAIAR.G	19
PHEAT-5990	proteomics_heat	3324145	3324177	-	5	9	R.GAGLGGGHER.E	15
PHEAT-5991	proteomics_heat	3324184	3324231	-	5	25	K.AAPCIIIFIDEIDAVGR.Q	20
PHEAT-5992	proteomics_heat	3324184	3324234	-	5	8	K.KAAPCIIIFIDEIDAVGR.Q	21
PHEAT-5993	proteomics_heat	3324235	3324255	-	5	2	R.DMFEQAK.K	11
PHEAT-5994	proteomics_heat	3324430	3324513	-	5	13	K.TTFADVAGCDEAKEEVAELVEYLREPSR.F	32
PHEAT-5995	proteomics_heat	3324442	3324513	-	5	25	K.TTFADVAGCDEAKEEVAELVEYLR.E	28
PHEAT-5996	proteomics_heat	3324730	3324762	-	5	2	R.YTTYIPVQDPK.L	15
PHEAT-5997	proteomics_heat	3324775	3324795	-	5	3	R.EINVTKK.D	11
PHEAT-5998	proteomics_heat	3324817	3324864	-	5	2	K.VDYSTFLQEVNNDQVR.E	20
PHEAT-5999	proteomics_heat	3324817	3324867	-	5	6	R.KVDYSTFLQEVNNDQVR.E	21
PHEAT-6000	proteomics_heat	3325066	3325098	-	5	2	R.SREYIVATGR.K	15
PHEAT-6001	proteomics_heat	3325459	3325545	-	5	8	K.LFKPGMTVVLDGAAPGGWSQYVVTQIGGK.G	33
PHEAT-6002	proteomics_heat	3325546	3325572	-	5	3	K.LDEIQQSDK.L	13
PHEAT-6003	proteomics_heat	3325603	3325650	-	5	3	R.WLQEHFSDKYVQQAQK.K	20
PHEAT-6004	proteomics_heat	3326264	3326311	-	6	21	K.TPGGEVEFEVIKVEYL.-	20
PHEAT-6005	proteomics_heat	3326312	3326353	-	6	6	R.GLIGKEEDVVVIK.T	18
PHEAT-6006	proteomics_heat	3326354	3326419	-	6	3	R.IVGDDEADFKQNLISVNSPIAR.G	26
PHEAT-6007	proteomics_heat	3326390	3326419	-	6	2	R.IVGDDEADFK.Q	14
PHEAT-6008	proteomics_heat	3326582	3326608	-	6	4	K.ENAEYHAAR.E	13

PHEAT-6009	proteomics_heat	3326582	3326626	-	6	3	R.EHGDLKENAEYHAAR.E	19
PHEAT-6010	proteomics_heat	3326627	3326662	-	6	12	R.RPEIIAAIAEAR.E	16
PHEAT-6011	proteomics_heat	3326672	3326698	-	6	5	K.LREELDFLK.S	13
PHEAT-6012	proteomics_heat	3328811	3328882	-	6	2	K.AIAEALGWEDKYLLISAASGLGVK.D	28
PHEAT-6013	proteomics_heat	3328889	3328924	-	6	2	K.IDLLDKVEAEK.A	16
PHEAT-6014	proteomics_heat	3328943	3328972	-	6	2	K.YSQDLATKPR.W	14
PHEAT-6015	proteomics_heat	3328997	3329059	-	6	3	R.VLLHLIDIDPIDGTPVENAR.I	25
PHEAT-6016	proteomics_heat	3329087	3329155	-	6	2	K.SFVVADIPGLIEGAAEGAGLGIR.F	27
PHEAT-6017	proteomics_heat	3329171	3329221	-	6	3	K.VADYPFTTLVPSLGVVR.M	21
PHEAT-6018	proteomics_heat	3329447	3329491	-	6	6	R.VIDQGTGETMGDMTK.H	19
PHEAT-6019	proteomics_heat	3329597	3329683	-	6	2	K.GGPDGGDGGDGGDVWMEADENLNTLIDYR.F	33
PHEAT-6020	proteomics_heat	3330668	3330751	-	6	3	K.QQAGIGILLALTTAICWGALPIAMKQVL.E	32
PHEAT-6021	proteomics_heat	3330887	3330910	-	6	8	R.KFISIEAE.-	12
PHEAT-6022	proteomics_heat	3330956	3330976	-	6	9	R.DHTLFAK.A	11
PHEAT-6023	proteomics_heat	3330977	3331009	-	6	11	K.FHAGANVGCGR.D	15
PHEAT-6024	proteomics_heat	3330983	3331009	-	6	4	K.FHAGANVGC.G	13
PHEAT-6025	proteomics_heat	3331025	3331066	-	6	43	R.FGGESVLAGSIIVR.Q	18
PHEAT-6026	proteomics_heat	3331025	3331069	-	6	11	K.RFGGESVLAGSIIVR.Q	19
PHEAT-6027	proteomics_heat	3331270	3331293	-	5	3	K.AEVVAHGR.G	12
PHEAT-6028	proteomics_heat	3331294	3331329	-	5	14	K.IGVPFVDGGVIK.A	16
PHEAT-6029	proteomics_heat	3331330	3331401	-	5	534	K.LDIATGETVEFAEVLMIANGEEVK.I	28
PHEAT-6030	proteomics_heat	3331330	3331410	-	5	40	R.LEKLDIATGETVEFAEVLMIANGEEVK.I	31
PHEAT-6031	proteomics_heat	3331444	3331473	-	5	14	Y.MYAVFQSGGK.Q	14
PHEAT-6032	proteomics_heat	3333404	3333439	-	6	2	K.LSGAQVMATDLR.A	16
PHEAT-6033	proteomics_heat	3333440	3333496	-	6	10	R.MGAHAEIESNTVICHGVEK.L	23
PHEAT-6034	proteomics_heat	3333779	3333835	-	6	2	R.VLPDRIETGTFLVAAAISR.G	23
PHEAT-6035	proteomics_heat	3333905	3333955	-	6	6	R.EPEIVDTANFLITLGAK.I	21
PHEAT-6036	proteomics_heat	3334037	3334060	-	6	5	K.GAHIVMDK.V	12
PHEAT-6037	proteomics_heat	3334106	3334207	-	6	2	R.FGQQQVSLPGGCTIGARPVDLHISGLEQLGATIK.L	38
PHEAT-6038	proteomics_heat	3334208	3334243	-	6	5	R.ASIWALGPLVAR.F	16
PHEAT-6039	proteomics_heat	3334253	3334291	-	6	2	R.DVNVFCAPYDLVK.T	17
PHEAT-6040	proteomics_heat	3334292	3334318	-	6	4	R.NGSVHIDAR.D	13
PHEAT-6041	proteomics_heat	3334352	3334378	-	6	5	K.LKDVDTSMK.L	13
PHEAT-6042	proteomics_heat	3334379	3334450	-	6	59	K.NAALPILFAALLAEEPVEIQNVPK.L	28
PHEAT-6043	proteomics_heat	3334643	3334690	-	6	3	K.QQTVYGPLMEYIADNR.I	20
PHEAT-6044	proteomics_heat	3335039	3335080	-	6	5	K.KQGNNVTLQGVNDK.V	18
PHEAT-6045	proteomics_heat	3335081	3335131	-	6	5	R.VDTGGLALLHLIDLAK.K	21
PHEAT-6046	proteomics_heat	3335383	3335451	-	5	2	K.NSQTGNWQAYDMIAEGVSMITTK.Q	27
PHEAT-6047	proteomics_heat	3335665	3335700	-	5	2	K.YAGALVLGQYYK.S	16
PHEAT-6048	proteomics_heat	3335701	3335742	-	5	2	R.TIVDQELLPYVQVK.Y	18
PHEAT-6049	proteomics_heat	3335803	3335826	-	5	4	K.LMDEAAQK.T	12
PHEAT-6050	proteomics_heat	3335827	3335850	-	5	2	A.ADQTNPYK.L	12
PHEAT-6051	proteomics_heat	3335935	3336003	-	5	10	K.NSGDAPAAAPGNNETTEPVGTTK.-	27
PHEAT-6052	proteomics_heat	3336019	3336069	-	5	27	K.SAMVLEDLIGQFLYGSK.G	21
PHEAT-6053	proteomics_heat	3336070	3336096	-	5	2	K.DGDTIQDTK.S	13
PHEAT-6054	proteomics_heat	3336097	3336177	-	5	2	R.TSGLLGEQYLALNVGFEDPELGTAILK.D	31

PHEAT-6055	proteomics_heat	3336178	3336216	-	5	2	R.YNHIPDTSSLSIR.T	17
PHEAT-6056	proteomics_heat	3336256	3336282	-	5	3	R.VADITLDPK.T	13
PHEAT-6057	proteomics_heat	3336325	3336378	-	5	3	R.TEPTYTLYATFDNIGGLK.A	22
PHEAT-6058	proteomics_heat	3337371	3337421	-	4	9	K.IVAHGSAQALQANPDPR.V	21
PHEAT-6059	proteomics_heat	3337533	3337616	-	4	8	R.AIALEPDLIMFDEPFVQDPITMGVLVK.L	32
PHEAT-6060	proteomics_heat	3337704	3337754	-	4	7	R.EHTQLPAPLLHSTVMMK.L	21
PHEAT-6061	proteomics_heat	3337857	3337931	-	4	3	R.LIGGQIAPDHGEILFDGENIPAMSR.S	29
PHEAT-6062	proteomics_heat	3347861	3347926	-	6	8	K.IVTPPAYMLAQNIAEAASGIDK.L	26
PHEAT-6063	proteomics_heat	3348053	3348127	-	6	10	K.ALAQAMHQAGKPLGFMCIAPAMPLPK.I	29
PHEAT-6064	proteomics_heat	3348083	3348127	-	6	2	K.ALAQAMHQAGKPLGF.M	19
PHEAT-6065	proteomics_heat	3348137	3348184	-	6	4	K.NLSNFASLGSECTVDR.E	20
PHEAT-6066	proteomics_heat	3348185	3348265	-	6	9	R.GEIRPLAQADAELDALIVPGGF.GAAK.N	31
PHEAT-6067	proteomics_heat	3348299	3348352	-	6	2	K.QQVDVINHLTGEAMTETR.N	22
PHEAT-6068	proteomics_heat	3348299	3348388	-	6	2	R.SGAQAVCFAPDKQQVDVINHLTGEAMTETR.N	34
PHEAT-6069	proteomics_heat	3349008	3349067	-	4	2	K.SEALLDIPMLEQYLELVGPK.L	24
PHEAT-6070	proteomics_heat	3349617	3349673	-	4	3	K.DSHGGKPATGTGIGLAVSR.R	23
PHEAT-6071	proteomics_heat	3349793	3349876	-	6	7	I.RSLPTGRVYGRSCGTSSVTPSNSPSKAR.L	32
PHEAT-6072	proteomics_heat	3349920	3350003	-	4	3	K.VQLDNQPVDFTSFLADLENLSALQAQK.G	32
PHEAT-6073	proteomics_heat	3349920	3350006	-	4	2	R.KVQLDNQPVDFTSFLADLENLSALQAQK.G	33
PHEAT-6074	proteomics_heat	3350415	3350468	-	4	3	K.QLVHLKPADVYSPEAAK.V	22
PHEAT-6075	proteomics_heat	3350535	3350573	-	4	2	R.SFLDASPDLVFYR.N	17
PHEAT-6076	proteomics_heat	3350637	3350681	-	4	2	R.EKAEELQETFGQLK.I	19
PHEAT-6077	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6078	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6079	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6080	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6081	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6082	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6083	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6084	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6085	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6086	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6087	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6088	proteomics_heat	3364348	3364377	-	5	2	R.HLLEQHQLAR.Q	14
PHEAT-6089	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6090	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6091	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6092	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6093	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6094	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6095	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6096	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6097	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6098	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6099	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14
PHEAT-6100	proteomics_heat	3364519	3364548	-	5	2	R.RPYPLETMLR.I	14

PHEAT-6101	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6102	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6103	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6104	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6105	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6106	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6107	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6108	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6109	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6110	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6111	proteomics_heat	3364564	3364623	-	5	5	R.MEQILPWQNMVEVIEPFYPK.A	24
PHEAT-6112	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6113	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6114	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6115	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6116	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6117	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6118	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6119	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6120	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6121	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6122	proteomics_heat	3364660	3364701	-	5	5	M.SHQLTFADSEFSSK.R	18
PHEAT-6123	proteomics_heat	3370456	3370536	-	5	6	R.AFSAAWLGYLLDGFDFVLIALVLTEVQ.G	31
PHEAT-6124	proteomics_heat	3370897	3370932	-	5	2	K.ALKEGDIQTAQK.L	16
PHEAT-6125	proteomics_heat	3371104	3371160	-	5	2	K.LTLDQINTLVTLPGVGALK.Q	23
PHEAT-6126	proteomics_heat	3371311	3371373	-	5	2	K.LIAHVGCVSTAESQQLAASAK.R	25
PHEAT-6127	proteomics_heat	3371729	3371794	-	6	2	R.ALQSHLNSVSATWHAFGQTTNK.K	26
PHEAT-6128	proteomics_heat	3372002	3372052	-	6	2	K.ALEINSQSLDNNAAFIR.S	21
PHEAT-6129	proteomics_heat	3372053	3372100	-	6	2	R.YAAEHATDEQIDLLAK.A	20
PHEAT-6130	proteomics_heat	3372128	3372175	-	6	4	K.DFLSHPGGIAHFEQLR.L	20
PHEAT-6131	proteomics_heat	3372176	3372229	-	6	3	R.VSRPSADTIIGELSGMAK.D	22
PHEAT-6132	proteomics_heat	3374511	3374555	-	4	2	R.QVSVPLAAVLAIYAR.E	19
PHEAT-6133	proteomics_heat	3374586	3374624	-	4	2	R.AVGNLELANDEV.R.F	17
PHEAT-6134	proteomics_heat	3374625	3374657	-	4	2	R.DGQIVLNIAPR.A	15
PHEAT-6135	proteomics_heat	3374828	3374863	-	6	6	R.DSFLASLTAER.E	16
PHEAT-6136	proteomics_heat	3374900	3374941	-	6	5	R.LPQLGIEFSGPGAK.E	18
PHEAT-6137	proteomics_heat	3375005	3375052	-	6	2	K.QLREELLAIAIPVFGQK.P	20
PHEAT-6138	proteomics_heat	3375011	3375055	-	6	2	R.KQLREELLAIAIPVFG.Q	19
PHEAT-6139	proteomics_heat	3375053	3375127	-	6	9	R.IEKDWYTLMNNTIINGSASEADAARK.Q	29
PHEAT-6140	proteomics_heat	3375056	3375127	-	6	12	R.IEKDWYTLMNNTIINGSASEADAAR.K	28
PHEAT-6141	proteomics_heat	3375155	3375196	-	6	10	R.FPHPLMPVYPVAR.G	18
PHEAT-6142	proteomics_heat	3375155	3375223	-	6	10	R.IIMEYLDERFPHPLMPVYPVAR.G	27
PHEAT-6143	proteomics_heat	3375197	3375223	-	6	2	R.IIMEYLDER.F	13
PHEAT-6144	proteomics_heat	3375248	3375313	-	6	26	K.DNPPQDLIDLNPQSVPTLVDR.E	26
PHEAT-6145	proteomics_heat	3375248	3375346	-	6	3	K.GVSFEIEHVEKDNPPQDLIDLNPQSVPTLVDR.E	37
PHEAT-6146	proteomics_heat	3375314	3375346	-	6	2	K.GVSFEIEHVEK.D	15

PHEAT-6147	proteomics_heat	3375365	3375400	-	6	2	F.SGPTDIYSHQVR.I	16
PHEAT-6148	proteomics_heat	3375365	3375418	-	6	5	R.SVMTLFSGPTDIYSHQVR.I	22
PHEAT-6149	proteomics_heat	3375933	3375974	-	4	2	R.ALMEYDESLRSELR.K	18
PHEAT-6150	proteomics_heat	3375945	3375974	-	4	6	R.ALMEYDESLR.S	14
PHEAT-6151	proteomics_heat	3375987	3376025	-	4	2	K.GGGISGQAGAIR.H	17
PHEAT-6152	proteomics_heat	3375990	3376025	-	4	63	K.GGGISGQAGAIR.H	16
PHEAT-6153	proteomics_heat	3376026	3376082	-	4	39	R.QPLELVDLMVEKLDLYITVK.G	23
PHEAT-6154	proteomics_heat	3376044	3376082	-	4	2	R.QPLELVDLMVEKLD.L	17
PHEAT-6155	proteomics_heat	3376050	3376082	-	4	5	R.QPLELVDLMVEK.L	15
PHEAT-6156	proteomics_heat	3376107	3376130	-	4	14	R.SLEQYFGR.E	12
PHEAT-6157	proteomics_heat	3376149	3376175	-	4	6	R.VFIKPGNGK.I	13
PHEAT-6158	proteomics_heat	3376197	3376226	-	4	20	M.AENQYYGTGR.R	14
PHEAT-6159	proteomics_heat	3376248	3376304	-	4	20	K.VYAGNEHNHAAQQPQLDI.-	23
PHEAT-6160	proteomics_heat	3376260	3376304	-	4	2	K.VYAGNEHNHAAQQPQ.V	19
PHEAT-6161	proteomics_heat	3376269	3376304	-	4	11	K.VYAGNEHNHAAQ.Q	16
PHEAT-6162	proteomics_heat	3376389	3376418	-	4	3	K.QATFEEMIAR.R	14
PHEAT-6163	proteomics_heat	3376467	3376550	-	4	2	K.AEYTPHVDTGDYIIVLNADKVAVTGNKR.T	32
PHEAT-6164	proteomics_heat	3376470	3376550	-	4	11	K.AEYTPHVDTGDYIIVLNADKVAVTGNK.R	31
PHEAT-6165	proteomics_heat	3376491	3376550	-	4	12	K.AEYTPHVDTGDYIIVLNADK.V	24
PHEAT-6166	proteomics_heat	3376491	3376556	-	4	13	K.HKAEYTPHVDTGDYIIVLNADK.V	26
PHEAT-6167	proteomics_heat	3376605	3376634	-	4	18	R.DWYVVDATGK.T	14
PHEAT-6168	proteomics_heat	3376605	3376637	-	4	3	K.RDWYVVDATGK.T	15
PHEAT-6169	proteomics_heat	3376635	3376667	-	4	2	K.TFTAKPETVKR.D	15
PHEAT-6170	proteomics_heat	3376638	3376667	-	4	7	K.TFTAKPETVK.R	14
PHEAT-6171	proteomics_heat	3376910	3376945	-	6	2	R.LQEMQSEEYLKR.E	16
PHEAT-6172	proteomics_heat	3376979	3377029	-	6	2	K.LVVSAEVPLYEIQGDR.L	21
PHEAT-6173	proteomics_heat	3377321	3377371	-	6	3	R.TLTQAHLWLSPLHDETR.A	21
PHEAT-6174	proteomics_heat	3377942	3377983	-	6	4	K.ALNEGSHQPDDVQK.E	18
PHEAT-6175	proteomics_heat	3381355	3381387	-	5	23	K.DIALGEEFVNK.-	15
PHEAT-6176	proteomics_heat	3381355	3381390	-	5	4	K.KDIALGEEFVNK.-	16
PHEAT-6177	proteomics_heat	3381388	3381453	-	5	42	K.SIGTLSAFEQNALEGMLDTLKK.D	26
PHEAT-6178	proteomics_heat	3381388	3381456	-	5	108	R.KSIGTLSAFEQNALEGMLDTLKK.D	27
PHEAT-6179	proteomics_heat	3381391	3381453	-	5	4	K.SIGTLSAFEQNALEGMLDTLK.K	25
PHEAT-6180	proteomics_heat	3381391	3381456	-	5	18	R.KSIGTLSAFEQNALEGMLDTLK.K	26
PHEAT-6181	proteomics_heat	3381409	3381456	-	5	2	R.KSIGTLSAFEQNALEG.M	20
PHEAT-6182	proteomics_heat	3381412	3381456	-	5	2	R.KSIGTLSAFEQNALE.G	19
PHEAT-6183	proteomics_heat	3381475	3381504	-	5	23	R.FFSQPLLLGK.N	14
PHEAT-6184	proteomics_heat	3381505	3381570	-	5	132	R.ALQGEQGVVECAYVEGDGQYAR.F	26
PHEAT-6185	proteomics_heat	3381592	3381639	-	5	22	K.AGGGSATLSMQAAAR.F	20
PHEAT-6186	proteomics_heat	3381640	3381675	-	5	19	R.IQNAGTEVVEAK.A	16
PHEAT-6187	proteomics_heat	3381640	3381678	-	5	16	K.RIQNAGTEVVEAK.A	17
PHEAT-6188	proteomics_heat	3381676	3381723	-	5	31	V.PGVSFTEQEVADLTKR.I	20
PHEAT-6189	proteomics_heat	3381676	3381726	-	5	4	Q.VPGVSFTEQEVADLTKR.I	21
PHEAT-6190	proteomics_heat	3381676	3381741	-	5	3	L.PLLSQVPGVSFTEQEVADLTKR.I	26
PHEAT-6191	proteomics_heat	3381676	3381771	-	5	7	V.IGGHSGVTILPLLSQVPGVSFTEQEVADLTKR.I	36
PHEAT-6192	proteomics_heat	3381676	3381798	-	5	4	K.QPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVADLTKR.I	45

PHEAT-6193	proteomics_heat	3381676	3381804	-	5	35	K.KGQPGVEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTKR.I	47
PHEAT-6194	proteomics_heat	3381679	3381723	-	5	10	V.PGVSFTEQEVDLTK.R	19
PHEAT-6195	proteomics_heat	3381679	3381738	-	5	31	P.LLSQVPGVSFTEQEVDLTK.R	24
PHEAT-6196	proteomics_heat	3381679	3381759	-	5	11	H.SGVTILPLLSQVPGVSFTEQEVDLTK.R	31
PHEAT-6197	proteomics_heat	3381679	3381798	-	5	14	K.QPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTK.R	44
PHEAT-6198	proteomics_heat	3381679	3381804	-	5	40	K.GKQPGVEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVDLTK.R	46
PHEAT-6199	proteomics_heat	3381736	3381804	-	5	2	K.GKQPGVEVEVPVIGGHSGVTILPL.L	27
PHEAT-6200	proteomics_heat	3381805	3381831	-	5	7	R.SNTFVAELK.G	13
PHEAT-6201	proteomics_heat	3381832	3381864	-	5	23	K.LFGVTTLDIIR.S	15
PHEAT-6202	proteomics_heat	3381832	3381870	-	5	9	K.NKLFVTTLDIIR.S	17
PHEAT-6203	proteomics_heat	3381889	3381954	-	5	3	A.CIGIITNPVNTTVAIAAEVLKK.A	26
PHEAT-6204	proteomics_heat	3381889	3381957	-	5	72	K.ACIGIITNPVNTTVAIAAEVLKK.A	27
PHEAT-6205	proteomics_heat	3381892	3381957	-	5	81	K.ACIGIITNPVNTTVAIAAEVLK.K	26
PHEAT-6206	proteomics_heat	3381892	3381960	-	5	15	P.KACIGIITNPVNTTVAIAAEVLK.K	27
PHEAT-6207	proteomics_heat	3381892	3381987	-	5	4	L.VQQVAKTCPKACIGIITNPVNTTVAIAAEVLK.K	36
PHEAT-6208	proteomics_heat	3381970	3381993	-	5	3	K.NLVQQVAK.T	12
PHEAT-6209	proteomics_heat	3381994	3382029	-	5	16	R.SDLFVNAGIVK.N	16
PHEAT-6210	proteomics_heat	3382048	3382122	-	5	67	K.GFSGEDATPALEGADVLLISAGVAR.K	29
PHEAT-6211	proteomics_heat	3382048	3382128	-	5	51	K.IKGFSGEDATPALEGADVLLISAGVAR.K	31
PHEAT-6212	proteomics_heat	3382129	3382182	-	5	5	A.PVTPGVAVDLSHIPTAVK.I	22
PHEAT-6213	proteomics_heat	3382129	3382185	-	5	2	I.APVTPGVAVDLSHIPTAVK.I	23
PHEAT-6214	proteomics_heat	3382129	3382191	-	5	2	Y.DIAPVTPGVAVDLSHIPTAVK.I	25
PHEAT-6215	proteomics_heat	3382129	3382227	-	5	92	K.TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVK.I	37
PHEAT-6216	proteomics_heat	3382228	3382263	-	5	18	A.GGIGQALALLLK.T	16
PHEAT-6217	proteomics_heat	3382228	3382284	-	5	695	K.VAVLGAAGGIGQALALLLK.T	23
PHEAT-6218	proteomics_heat	3388638	3388682	-	4	3	K.EGQSLPVGVGQPTLK.V	19
PHEAT-6219	proteomics_heat	3388683	3388712	-	4	2	K.LDNGVGVCGK.E	14
PHEAT-6220	proteomics_heat	3388713	3388781	-	4	2	K.GATLIGSGIETMQQISMVGNLKL.L	27
PHEAT-6221	proteomics_heat	3388965	3388994	-	4	2	R.ESYAHLPMPR.M	14
PHEAT-6222	proteomics_heat	3389133	3389222	-	4	2	R.GTSVFSGQVGELVASELCTVDDGTMVDRR.G	34
PHEAT-6223	proteomics_heat	3389385	3389429	-	4	12	R.FGYEFFLADLDGEVR.A	19
PHEAT-6224	proteomics_heat	3389499	3389597	-	4	2	R.VQEVTASLSGVYELILVAATDGTLAADVRLVLR.L	37
PHEAT-6225	proteomics_heat	3389658	3389729	-	4	3	K.VQTLGAVEHSPLYTSVDPLQSMSR.E	28
PHEAT-6226	proteomics_heat	3389844	3389882	-	4	6	K.DGSYNIDQGVGVR.A	17
PHEAT-6227	proteomics_heat	3389958	3389999	-	4	9	K.HQDLFAILGQLAER.R	18
PHEAT-6228	proteomics_heat	3393639	3393668	-	4	2	R.DDEGLLSNGR.V	14
PHEAT-6229	proteomics_heat	3394585	3394635	-	5	4	R.ESIEHVLNCEPCHGR.G	21
PHEAT-6230	proteomics_heat	3394708	3394740	-	5	2	R.VLHSLEQALSK.D	15
PHEAT-6231	proteomics_heat	3394819	3394875	-	5	2	R.NLDDTIFNTNIEATQAIAR.Q	23
PHEAT-6232	proteomics_heat	3394984	3395028	-	5	3	R.QPIFDLFDVENEIQR.A	19
PHEAT-6233	proteomics_heat	3395128	3395154	-	5	5	R.DFADAELDR.I	13
PHEAT-6234	proteomics_heat	3395128	3395163	-	5	2	R.VLRDFADAELDR.I	16
PHEAT-6235	proteomics_heat	3395386	3395433	-	5	3	R.YLVFMPGASHVGVQSQR.I	20
PHEAT-6236	proteomics_heat	3395473	3395523	-	5	2	R.QGQDLMVQVVKDPLGTK.G	21
PHEAT-6237	proteomics_heat	3395560	3395625	-	5	4	K.AAFLHASDIMPHTECVAGEEQK.Q	26
PHEAT-6238	proteomics_heat	3395626	3395673	-	5	3	R.VLPGMQAAFVDIGLDK.A	20

PHEAT-6239	proteomics_heat	3395963	3396019	-	6	2	R.TLTDEDIAGYVASDEPLDK.A	23
PHEAT-6240	proteomics_heat	3396119	3396148	-	6	2	R.DAEHAAQMLR.K	14
PHEAT-6241	proteomics_heat	3396260	3396322	-	6	2	R.IVTGIEEQRPQESAQQYVVR.L	25
PHEAT-6242	proteomics_heat	3396323	3396364	-	6	2	R.RQELLAQLGVTFER.I	18
PHEAT-6243	proteomics_heat	3396966	3397070	-	4	6	K.LPEPATGIAQPTPQQPATGNAATAPAAPTQPAANR.S	39
PHEAT-6244	proteomics_heat	3397140	3397178	-	4	3	R.NGANPMTPEEVHR.V	17
PHEAT-6245	proteomics_heat	3397440	3397490	-	4	2	R.VLLICDATHALPIQVLR.N	21
PHEAT-6246	proteomics_heat	3397767	3397790	-	4	2	R.DQLELENR.A	12
PHEAT-6247	proteomics_heat	3397830	3397883	-	4	2	R.TYMDTAVSPFYFVSNAPR.E	22
PHEAT-6248	proteomics_heat	3398069	3398116	-	6	8	K.ALEMIDMHGGDLFSEE.-	20
PHEAT-6249	proteomics_heat	3398129	3398194	-	6	7	R.LLMEETGIPVVVAEDPLTCVAR.G	26
PHEAT-6250	proteomics_heat	3398369	3398392	-	6	2	R.NLAEGVPR.G	12
PHEAT-6251	proteomics_heat	3398414	3398452	-	6	4	K.HEIGSAYPGDEV.R	17
PHEAT-6252	proteomics_heat	3398459	3398497	-	6	3	R.NYGLSLIGEATAER.I	17
PHEAT-6253	proteomics_heat	3398459	3398500	-	6	9	R.RNYGLSLIGEATAER.I	18
PHEAT-6254	proteomics_heat	3398501	3398545	-	6	23	R.IGGDRFDEAIINYVR.R	19
PHEAT-6255	proteomics_heat	3398741	3398782	-	6	5	R.VLVCVPGATQVER.R	18
PHEAT-6256	proteomics_heat	3398741	3398785	-	6	4	P.RVLVCVPGATQVER.R	19
PHEAT-6257	proteomics_heat	3398843	3398878	-	6	6	K.DGVIADFFVTEK.M	16
PHEAT-6258	proteomics_heat	3398879	3398914	-	6	7	R.TPGNIAAIRPMK.D	16
PHEAT-6259	proteomics_heat	3398930	3398959	-	6	21	K.SVAAVGHDAK.Q	14
PHEAT-6260	proteomics_heat	3398984	3399028	-	6	2	K.GQGIVLNEPSVVAIR.Q	19
PHEAT-6261	proteomics_heat	3399029	3399091	-	6	11	R.GMFSNDLSIDLGTANTLIYVK.G	25
PHEAT-6262	proteomics_heat	3408704	3408754	-	6	3	F.AVTVFRCPAGANLQGNR.N	21
PHEAT-6263	proteomics_heat	3420196	3420237	-	5	14	C.DDGIIYQPRNYQLQR.L	18
PHEAT-6264	proteomics_heat	3428411	3428464	-	6	3	R.GVLLPLLSLDCAVTITNR.T	22
PHEAT-6265	proteomics_heat	3428648	3428692	-	6	3	K.GANVTVPFKEEAFAR.A	19
PHEAT-6266	proteomics_heat	3428693	3428755	-	6	3	R.VLAPINDFINTLNAFFSAGGK.G	25
PHEAT-6267	proteomics_heat	3428756	3428815	-	6	7	K.SPFIHQQFAQQLNIEHPYGR.V	24
PHEAT-6268	proteomics_heat	3429303	3429374	-	4	5	R.VIAYPTEAVFGVGCDDPDSETAVMR.L	28
PHEAT-6269	proteomics_heat	3429763	3429813	-	5	3	K.VLEGQVCPACGANLVLR.Q	21
PHEAT-6270	proteomics_heat	3437668	3437712	-	5	23	R.AGDNAPMAYIELVDR.S	19
PHEAT-6271	proteomics_heat	3437764	3437787	-	5	13	K.LFNELGPR.F	12
PHEAT-6272	proteomics_heat	3437788	3437808	-	5	4	R.DNEIVAK.L	11
PHEAT-6273	proteomics_heat	3437788	3437814	-	5	8	R.TRDNEIVAK.L	13
PHEAT-6274	proteomics_heat	3437854	3437883	-	5	10	R.VVEPLITLAK.T	14
PHEAT-6275	proteomics_heat	3437854	3437886	-	5	19	R.RVVEPLITLAK.T	15
PHEAT-6276	proteomics_heat	3438122	3438157	-	6	13	K.SLTEIKDVLASR.G	16
PHEAT-6277	proteomics_heat	3438122	3438160	-	6	2	K.KSLTEIKDVLASR.G	17
PHEAT-6278	proteomics_heat	3438200	3438238	-	6	23	K.AEAIHYIGDLVQR.T	17
PHEAT-6279	proteomics_heat	3438200	3438253	-	6	3	S.ANCLKAEAIHYIGDLVQR.T	22
PHEAT-6280	proteomics_heat	3438200	3438256	-	6	2	R.SANCLKAEAIHYIGDLVQR.T	23
PHEAT-6281	proteomics_heat	3438257	3438301	-	6	5	D.PILLRPVDDLELTVR.S	19
PHEAT-6282	proteomics_heat	3438257	3438322	-	6	2	K.EEKPEFDPILLRPVDDLELTVR.S	26
PHEAT-6283	proteomics_heat	3438257	3438337	-	6	2	R.QPEVKEEKPEFDPILLRPVDDLELTVR.S	31
PHEAT-6284	proteomics_heat	3438347	3438394	-	6	1252	R.AATILAEQLEAFVDLR.D	20

PHEAT-6285	proteomics_heat	3438347	3438397	-	6	16	R.RAATILAEQLEAFVDLR.D	21
PHEAT-6286	proteomics_heat	3438395	3438466	-	6	16	R.TDLDKLVIEMETNGTIDPEEAIRR.A	28
PHEAT-6287	proteomics_heat	3438398	3438451	-	6	7	K.LVIEMETNGTIDPEEAIR.R	22
PHEAT-6288	proteomics_heat	3438398	3438466	-	6	18	R.TDLDKLVIEMETNGTIDPEEAIR.R	27
PHEAT-6289	proteomics_heat	3438479	3438505	-	6	8	R.IAYNVEAAR.V	13
PHEAT-6290	proteomics_heat	3438506	3438541	-	6	7	R.LLVDACYSPVER.I	16
PHEAT-6291	proteomics_heat	3438542	3438577	-	6	12	R.IHSEEDERPIGR.L	16
PHEAT-6292	proteomics_heat	3438623	3438739	-	6	11	K.SGIGPVTAADITHDGDVEIVKPQHVICHLTDENASISMR.I	43
PHEAT-6293	proteomics_heat	3438677	3438739	-	6	6	K.SGIGPVTAADITHDGDVEIVK.P	25
PHEAT-6294	proteomics_heat	3438740	3438766	-	6	5	K.DEVILTLNK.S	13
PHEAT-6295	proteomics_heat	3438740	3438778	-	6	24	R.VQ GKDEVILTLNK.S	17
PHEAT-6296	proteomics_heat	3438794	3438838	-	6	94	K.EGVQEDILEILLNLK.G	19
PHEAT-6297	proteomics_heat	3438839	3438916	-	6	85	R.ILLSSMPGCAVTEVEIDGVLHEYSTK.E	30
PHEAT-6298	proteomics_heat	3438839	3438919	-	6	13	R.RILLSSMPGCAVTEVEIDGVLHEYSTK.E	31
PHEAT-6299	proteomics_heat	3438920	3438952	-	6	3	R.GFGHTLGNALR.R	15
PHEAT-6300	proteomics_heat	3438923	3438952	-	6	2	R.GFGHTLGNAL.R	14
PHEAT-6301	proteomics_heat	3438977	3439015	-	6	22	R.LVDIEQVSSTHAK.V	17
PHEAT-6302	proteomics_heat	3439016	3439051	-	6	8	T.MQGSVTEFLKPR.L	16
PHEAT-6303	proteomics_heat	3439080	3439133	-	4	2270	R.SDLSADINEHLIVELYSK.-	22
PHEAT-6304	proteomics_heat	3439149	3439202	-	4	9	R.EKPTWLEVDAGKMEGTFK.R	22
PHEAT-6305	proteomics_heat	3439167	3439202	-	4	15	R.EKPTWLEVDAGK.M	16
PHEAT-6306	proteomics_heat	3439203	3439229	-	4	9	K.AALELAEQR.E	13
PHEAT-6307	proteomics_heat	3439203	3439235	-	4	13	R.VKAALELAEQR.E	15
PHEAT-6308	proteomics_heat	3439260	3439313	-	4	21	R.VVNIASYQVSPNDVVSIR.E	22
PHEAT-6309	proteomics_heat	3439260	3439316	-	4	2	G.RVVNIASYQVSPNDVVSIR.E	23
PHEAT-6310	proteomics_heat	3439386	3439412	-	4	2	E.GRLDNVVYR.M	13
PHEAT-6311	proteomics_heat	3439407	3439448	-	4	12	K.GNTGENLLALLEGR.L	18
PHEAT-6312	proteomics_heat	3439407	3439454	-	4	97	R.LKGNTGENLLALLEGR.L	20
PHEAT-6313	proteomics_heat	3439413	3439454	-	4	2	R.LKGNTGENLLALLE.G	18
PHEAT-6314	proteomics_heat	3439488	3439508	-	4	2	R.IYGVLER.Q	11
PHEAT-6315	proteomics_heat	3439530	3439556	-	4	34	R.LSDYGVQLR.E	13
PHEAT-6316	proteomics_heat	3439566	3439598	-	4	12	K.IEQAPGQHGAR.K	15
PHEAT-6317	proteomics_heat	3439566	3439604	-	4	2	K.CKIEQAPGQHGAR.K	17
PHEAT-6318	proteomics_heat	3439632	3439655	-	4	2	R.EGTDLFLK.S	12
PHEAT-6319	proteomics_heat	3439632	3439658	-	4	3	R.REGTDLFLK.S	13
PHEAT-6320	proteomics_heat	3439803	3439826	-	4	2	R.ALNAAGFR.I	12
PHEAT-6321	proteomics_heat	3439860	3439880	-	4	4	K.NLEV MVK.G	11
PHEAT-6322	proteomics_heat	3439881	3439913	-	4	3	R.CADAVKEYGIK.N	15
PHEAT-6323	proteomics_heat	3439914	3439949	-	4	5	K.STPFQAQVAAER.C	16
PHEAT-6324	proteomics_heat	3439914	3439952	-	4	29	R.KSTPFQAQVAAER.C	17
PHEAT-6325	proteomics_heat	3439962	3440009	-	4	20	R.QGNALGWATAGGSGFR.G	20
PHEAT-6326	proteomics_heat	3440010	3440054	-	4	2	H.IHASFNTIVTITDR.Q	19
PHEAT-6327	proteomics_heat	3440010	3440078	-	4	27	K.QVSDGVAHIHASFNTIVTITDR.Q	27
PHEAT-6328	proteomics_heat	3440010	3440081	-	4	12	R.KQVSDGVAHIHASFNTIVTITDR.Q	28
PHEAT-6329	proteomics_heat	3440037	3440081	-	4	2	R.KQVSDGVAHIHASFN.N	19
PHEAT-6330	proteomics_heat	3440233	3440256	-	5	3	R.LMDLG CYR.G	12

PHEAT-6331	proteomics_heat	3440233	3440259	-	5	4	K.RLMDLGCYR.G	13
PHEAT-6332	proteomics_heat	3440257	3440280	-	5	2	R.EISMSIKR.L	12
PHEAT-6333	proteomics_heat	3440284	3440307	-	5	3	K.FVVEGDLR.R	12
PHEAT-6334	proteomics_heat	3440308	3440361	-	5	28	K.ISELSEGQIDTLRDEVAK.F	22
PHEAT-6335	proteomics_heat	3440308	3440400	-	5	3	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAK.F	35
PHEAT-6336	proteomics_heat	3440323	3440361	-	5	2	K.ISELSEGQIDTLR.D	17
PHEAT-6337	proteomics_heat	3440362	3440400	-	5	52	K.AILAAAGIAEDVK.I	17
PHEAT-6338	proteomics_heat	3440362	3440406	-	5	2	R.SKAILAAAGIAEDVK.I	19
PHEAT-6339	proteomics_heat	3440413	3440454	-	5	330	K.HAVIALTSIYGVGK.T	18
PHEAT-6340	proteomics_heat	3440455	3440484	-	5	19	R.IAGINIPDHK.H	14
PHEAT-6341	proteomics_heat	3441028	3441075	-	5	8	K.SGAFVPGIRPGEQTAK.Y	20
PHEAT-6342	proteomics_heat	3441316	3441351	-	5	4	R.VYAAQSTHLPLK.V	16
PHEAT-6343	proteomics_heat	3441898	3441948	-	5	17	R.GTIEMFNMFSGGALS.R.A	21
PHEAT-6344	proteomics_heat	3442081	3442116	-	5	8	M.AKQPGLDFQSAK.G	16
PHEAT-6345	proteomics_heat	3442130	3442165	-	6	12	R.AAIEAAGGKIEE.-	16
PHEAT-6346	proteomics_heat	3442193	3442234	-	6	17	K.VILAGEVTPVTVR.G	18
PHEAT-6347	proteomics_heat	3442235	3442273	-	6	45	K.AANIIGIQIEFAK.V	17
PHEAT-6348	proteomics_heat	3442274	3442309	-	6	11	K.VEGGVVDLNTLK.A	16
PHEAT-6349	proteomics_heat	3442328	3442354	-	6	10	R.KAAITAEIR.L	13
PHEAT-6350	proteomics_heat	3442385	3442417	-	6	11	R.GFEGGQMPLYR.R	15
PHEAT-6351	proteomics_heat	3442385	3442420	-	6	14	R.RGFEGGQMPLYR.R	16
PHEAT-6352	proteomics_heat	3442523	3442555	-	6	6	R.LNTLSPAEGSK.K	15
PHEAT-6353	proteomics_heat	3442523	3442561	-	6	2	E.MRLNTLSPAEGSK.K	17
PHEAT-6354	proteomics_heat	3442577	3442609	-	6	17	R.GMINAVSFMVK.V	15
PHEAT-6355	proteomics_heat	3442610	3442633	-	6	3	E.REDTPAIR.G	12
PHEAT-6356	proteomics_heat	3442610	3442642	-	6	2	H.TVEREDTPAIR.G	15
PHEAT-6357	proteomics_heat	3442610	3442651	-	6	6	R.IGHTVEREDTPAIR.G	18
PHEAT-6358	proteomics_heat	3442655	3442681	-	6	6	K.ATLLGLGLR.R	13
PHEAT-6359	proteomics_heat	3442751	3442780	-	6	2	R.GKSVEEILGK.-	14
PHEAT-6360	proteomics_heat	3442781	3442837	-	6	3	R.ATIDGLENMNSPEMVAKR.G	23
PHEAT-6361	proteomics_heat	3442784	3442831	-	6	2	T.IDGLENMNSPEMVAK.R	20
PHEAT-6362	proteomics_heat	3442784	3442837	-	6	29	R.ATIDGLENMNSPEMVAK.R	22
PHEAT-6363	proteomics_heat	3442784	3442840	-	6	9	V.RATIDGLENMNSPEMVAK.R	23
PHEAT-6364	proteomics_heat	3442838	3442873	-	6	17	K.AYGSTNPINVVR.A	16
PHEAT-6365	proteomics_heat	3442874	3442909	-	6	3	V.LEVAGVHNVLAK.A	16
PHEAT-6366	proteomics_heat	3442874	3442915	-	6	37	R.AVLEVAGVHNVLAK.A	18
PHEAT-6367	proteomics_heat	3442916	3442960	-	6	4	Q.PASEGTGIIAGGAMR.A	19
PHEAT-6368	proteomics_heat	3442916	3442972	-	6	37	R.VFMQPASEGTGIIAGGAMR.A	23
PHEAT-6369	proteomics_heat	3442994	3443044	-	6	35	R.NMINVALNNGTLQHPVK.G	21
PHEAT-6370	proteomics_heat	3442994	3443047	-	6	6	R.RNMINVALNNGTLQHPVK.G	22
PHEAT-6371	proteomics_heat	3443006	3443047	-	6	3	R.RNMINVALNNGTLQ.H	18
PHEAT-6372	proteomics_heat	3443066	3443089	-	6	7	R.EVPAAIQK.A	12
PHEAT-6373	proteomics_heat	3443066	3443095	-	6	7	K.AREVPAAIQK.A	14
PHEAT-6374	proteomics_heat	3443117	3443164	-	6	88	R.IFSFTALTVVGDGNGR.V	20
PHEAT-6375	proteomics_heat	3443284	3443313	-	5	2	R.VQALADAARE.A	14
PHEAT-6376	proteomics_heat	3443287	3443313	-	5	18	R.VQALADAAR.E	13

PHEAT-6377	proteomics_heat	3443314	3443337	-	5	2	R.SGFQYHGR.V	12
PHEAT-6378	proteomics_heat	3443338	3443364	-	5	9	K.GIKDVSFDR.S	13
PHEAT-6379	proteomics_heat	3443392	3443415	-	5	9	K.DAAAAVGK.A	12
PHEAT-6380	proteomics_heat	3443392	3443430	-	5	15	K.YTGNKDAAAVGK.A	17
PHEAT-6381	proteomics_heat	3443452	3443505	-	5	2	Q.VIAPNGSEVLVAASTVEK.A	22
PHEAT-6382	proteomics_heat	3443452	3443520	-	5	122	R.HIYAQVIAPNGSEVLVAASTVEK.A	27
PHEAT-6383	proteomics_heat	3443545	3443568	-	5	4	K.LQELGATR.L	12
PHEAT-6384	proteomics_heat	3443545	3443571	-	5	12	R.KLQELGATR.L	13
PHEAT-6385	proteomics_heat	3443653	3443673	-	5	9	R.YADEVVR.T	11
PHEAT-6386	proteomics_heat	3443716	3443748	-	5	15	K.QVIGQVAADLR.A	15
PHEAT-6387	proteomics_heat	3443716	3443760	-	5	16	K.GADKQVIGQVAADLR.A	19
PHEAT-6388	proteomics_heat	3443761	3443811	-	5	3	L.PAGITAECPQTQTEIVLK.G	21
PHEAT-6389	proteomics_heat	3443761	3443835	-	5	6	F.SHPVDHQLPAGITAECPQTQTEIVLK.G	29
PHEAT-6390	proteomics_heat	3443761	3443838	-	5	2	G.FSHPVDHQLPAGITAECPQTQTEIVLK.G	30
PHEAT-6391	proteomics_heat	3443761	3443865	-	5	25	K.GNVINLSLGFSDHPVDHQLPAGITAECPQTQTEIVLK.G	39
PHEAT-6392	proteomics_heat	3443878	3443904	-	5	7	K.LQLVGVGYR.A	13
PHEAT-6393	proteomics_heat	3443878	3443907	-	5	6	K.KLQLVGVGYR.A	14
PHEAT-6394	proteomics_heat	3443905	3443955	-	5	14	R.ALLNSMVIGVTEGFTKK.L	21
PHEAT-6395	proteomics_heat	3443908	3443955	-	5	90	R.ALLNSMVIGVTEGFTK.K	20
PHEAT-6396	proteomics_heat	3443956	3443982	-	5	3	D.GWAQAGTAR.A	13
PHEAT-6397	proteomics_heat	3443956	3443997	-	5	53	R.DGYADGWAQAGTAR.A	18
PHEAT-6398	proteomics_heat	3443998	3444030	-	5	29	K.HADNTLTFGPR.D	15
PHEAT-6399	proteomics_heat	3444031	3444057	-	5	5	R.TLNDAVEVK.H	13
PHEAT-6400	proteomics_heat	3444082	3444108	-	5	5	K.INGQVITIK.G	13
PHEAT-6401	proteomics_heat	3444109	3444144	-	5	13	K.APVVVPAGVDVK.I	16
PHEAT-6402	proteomics_heat	3444244	3444276	-	5	2	A.GLGIAVVSTSK.G	15
PHEAT-6403	proteomics_heat	3444244	3444285	-	5	19	K.VMAGLGIAVVSTSK.G	18
PHEAT-6404	proteomics_heat	3444337	3444360	-	5	12	K.AVVESIQR.V	12
PHEAT-6405	proteomics_heat	3444376	3444417	-	5	4	K.VEGDTKPELELTLK.Y	18
PHEAT-6406	proteomics_heat	3444376	3444444	-	5	13	K.EEGFIEDFKVEGDTKPELELTLK.Y	27
PHEAT-6407	proteomics_heat	3444376	3444453	-	5	2	N.VLKEEGFIEDFKVEGDTKPELELTLK.Y	30
PHEAT-6408	proteomics_heat	3444376	3444468	-	5	359	K.VAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	35
PHEAT-6409	proteomics_heat	3444418	3444468	-	5	18	K.VAIANVLKEEGFIEDFK.V	21
PHEAT-6410	proteomics_heat	3444445	3444474	-	5	6	K.LKVAIANVLK.E	14
PHEAT-6411	proteomics_heat	3444475	3444501	-	5	4	K.AAVTMPSSK.L	13
PHEAT-6412	proteomics_heat	3444529	3444564	-	5	16	M.SMQDPIADMLTR.I	16
PHEAT-6413	proteomics_heat	3444766	3444822	-	5	82	K.AIISDVNASDEDRWNAVVK.L	23
PHEAT-6414	proteomics_heat	3444778	3444822	-	5	2	K.AIISDVNASDEDRWN.A	19
PHEAT-6415	proteomics_heat	3444784	3444822	-	5	7	K.AIISDVNASDEDR.W	17
PHEAT-6416	proteomics_heat	3444838	3444867	-	5	10	R.VALADKYFAK.R	14
PHEAT-6417	proteomics_heat	3444838	3444870	-	5	2	K.RVALADKYFAK.R	15
PHEAT-6418	proteomics_heat	3444924	3444959	-	4	7	R.ALLAAFDFPFRK.-	16
PHEAT-6419	proteomics_heat	3444927	3444950	-	4	2	L.AAFDFPFRK	12
PHEAT-6420	proteomics_heat	3444927	3444959	-	4	13	R.ALLAAFDFPFRK	15
PHEAT-6421	proteomics_heat	3444978	3445010	-	4	14	R.GLDITITTTAK.S	15
PHEAT-6422	proteomics_heat	3445017	3445061	-	4	12	R.EQIIFPEIDYDKVDR.V	19

PHEAT-6423	proteomics_heat	3445026	3445061	-	4	2	R.EQIIFPEIDYDK.V	16
PHEAT-6424	proteomics_heat	3445062	3445085	-	4	7	R.GNYSMGVR.E	12
PHEAT-6425	proteomics_heat	3445131	3445154	-	4	7	R.LITIAVPR.I	12
PHEAT-6426	proteomics_heat	3445155	3445175	-	4	8	R.MWEFFER.L	11
PHEAT-6427	proteomics_heat	3445197	3445220	-	4	2	R.QGYPIGCK.V	12
PHEAT-6428	proteomics_heat	3445227	3445247	-	4	2	R.KSVAGFK.I	11
PHEAT-6429	proteomics_heat	3445254	3445316	-	4	22	K.LLDNAAADLAAISGQKPLITK.A	25
PHEAT-6430	proteomics_heat	3445254	3445319	-	4	9	K.KLLDNAAADLAAISGQKPLITK.A	26
PHEAT-6431	proteomics_heat	3445269	3445316	-	4	4	K.LLDNAAADLAAISGQK.P	20
PHEAT-6432	proteomics_heat	3445269	3445319	-	4	3	K.KLLDNAAADLAAISGQK.P	21
PHEAT-6433	proteomics_heat	3445317	3445349	-	4	2	N.MGVGEAIADKK.L	15
PHEAT-6434	proteomics_heat	3445317	3445361	-	4	35	K.ITLNMGVGEAIADKK.L	19
PHEAT-6435	proteomics_heat	3445320	3445364	-	4	3	E.KITLNMGVGEAIADK.K	19
PHEAT-6436	proteomics_heat	3445371	3445415	-	4	46	K.LMTEFNYSVMQVPR.V	19
PHEAT-6437	proteomics_heat	3445371	3445418	-	4	28	K.KLMTEFNYSVMQVPR.V	20
PHEAT-6438	proteomics_heat	3445380	3445418	-	4	3	K.KLMTEFNYSVMQ.V	17
PHEAT-6439	proteomics_heat	3445416	3445451	-	4	7	K.LHDYKDEVVK.L	16
PHEAT-6440	proteomics_heat	3445419	3445451	-	4	27	K.LHDYKDEVVK.K	15
PHEAT-6441	proteomics_heat	3445419	3445457	-	4	2	M.AKLHDYKDEVVK.K	17
PHEAT-6442	proteomics_heat	3445434	3445451	-	4	3	K.LHDYK.D	10
PHEAT-6443	proteomics_heat	3445517	3445543	-	6	2	R.VGFRFEDGK.K	13
PHEAT-6444	proteomics_heat	3445553	3445606	-	6	197	K.EAAIQVSNVAIFNAATGK.A	22
PHEAT-6445	proteomics_heat	3445607	3445657	-	6	4	K.HQKPVPALNQPGGIVEK.E	21
PHEAT-6446	proteomics_heat	3445658	3445690	-	6	4	K.VIVEGINLVKK.H	15
PHEAT-6447	proteomics_heat	3445661	3445690	-	6	17	K.VIVEGINLVK.K	14
PHEAT-6448	proteomics_heat	3445661	3445693	-	6	7	G.KVIVEGINLVK.K	15
PHEAT-6449	proteomics_heat	3445691	3445711	-	6	3	K.NVLSSGK.V	11
PHEAT-6450	proteomics_heat	3445691	3445717	-	6	3	K.VKNVLSSGK.V	13
PHEAT-6451	proteomics_heat	3445733	3445771	-	6	4	R.RDDEVIVLTGKDK.G	17
PHEAT-6452	proteomics_heat	3445733	3445777	-	6	2	K.IRRDDEVIVLTGKDK.G	19
PHEAT-6453	proteomics_heat	3445739	3445768	-	6	13	R.DDEVIVLTGK.D	14
PHEAT-6454	proteomics_heat	3445739	3445771	-	6	9	R.RDDEVIVLTGK.D	15
PHEAT-6455	proteomics_heat	3445739	3445777	-	6	36	K.IRRDDEVIVLTGK.D	17
PHEAT-6456	proteomics_heat	3445878	3445919	-	4	3	C.VLLNNNSEQPIGTR.I	18
PHEAT-6457	proteomics_heat	3445878	3445937	-	4	13	R.FDGNACVLLNNNSEQPIGTR.I	24
PHEAT-6458	proteomics_heat	3445938	3445961	-	4	6	R.RPDGSVIR.F	12
PHEAT-6459	proteomics_heat	3446052	3446078	-	4	8	R.YAGVGDIIK.I	13
PHEAT-6460	proteomics_heat	3446052	3446081	-	4	8	R.RYAGVGDIIK.I	14
PHEAT-6461	proteomics_heat	3446121	3446168	-	4	3	M.IQEQTMLNVADNSGAR.R	20
PHEAT-6462	proteomics_heat	3446121	3446171	-	4	48	K.MIQEQTMLNVADNSGAR.R	21
PHEAT-6463	proteomics_heat	3446405	3446455	-	6	2	H.VHDENNECGIGDVVEIR.E	21
PHEAT-6464	proteomics_heat	3446405	3446461	-	6	67	K.LHVHDENNECGIGDVVEIR.E	23
PHEAT-6465	proteomics_heat	3446483	3446500	-	6	2	K.HPIYGK.F	10
PHEAT-6466	proteomics_heat	3446510	3446533	-	6	17	K.SIVVAIER.F	12
PHEAT-6467	proteomics_heat	3446534	3446557	-	6	10	R.VVSDKMEK.S	12
PHEAT-6468	proteomics_heat	3446650	3446694	-	5	43	R.MQAASGQLQQSHLLK.Q	19

PHEAT-6469	proteomics_heat	3446659	3446694	-	5	5	R.MQAASGQLQQSH.L	16
PHEAT-6470	proteomics_heat	3446713	3446754	-	5	37	K.SVEELNTELLNLLR.E	18
PHEAT-6471	proteomics_heat	3446713	3446760	-	5	30	R.EKSVEELNTELLNLLR.E	20
PHEAT-6472	proteomics_heat	3446850	3446891	-	4	14	K.VLYEMDGVPEELAR.E	18
PHEAT-6473	proteomics_heat	3446892	3446933	-	4	22	K.GNVEYWVALIQPGK.V	18
PHEAT-6474	proteomics_heat	3446892	3446939	-	4	64	K.GKGNVEYWVALIQPGK.V	20
PHEAT-6475	proteomics_heat	3446949	3446993	-	4	2	R.VFPDKPITEKPLAVR.M	19
PHEAT-6476	proteomics_heat	3447090	3447137	-	4	30	R.GLAQGTDVSFSGFGLK.A	20
PHEAT-6477	proteomics_heat	3447231	3447272	-	4	2	M.AAVEQPEKPAAQPK.K	18
PHEAT-6478	proteomics_heat	3447231	3447293	-	4	24	K.GEILGGMAAVEQPEKPAAQPK.K	25
PHEAT-6479	proteomics_heat	3447231	3447308	-	4	12	K.VWIFKGEILGGMAAVEQPEKPAAQPK.K	30
PHEAT-6480	proteomics_heat	3447309	3447368	-	4	92	R.ADIDYNTSEAHTTYGVIGV.K.V	24
PHEAT-6481	proteomics_heat	3447327	3447368	-	4	2	R.ADIDYNTSEAHTTY.G	18
PHEAT-6482	proteomics_heat	3447336	3447368	-	4	4	R.ADIDYNTSEAH.T	15
PHEAT-6483	proteomics_heat	3447414	3447437	-	4	2	R.LGGAEIAR.T	12
PHEAT-6484	proteomics_heat	3447438	3447464	-	4	7	K.GIKVEVSGR.L	13
PHEAT-6485	proteomics_heat	3447477	3447500	-	4	4	K.RAVQNAMR.L	12
PHEAT-6486	proteomics_heat	3447528	3447563	-	4	12	K.LVADSITSQLER.R	16
PHEAT-6487	proteomics_heat	3447564	3447584	-	4	7	R.KPELDAK.L	11
PHEAT-6488	proteomics_heat	3447582	3447638	-	4	5	K.VVADIAGVPAQINIAEVRK.P	23
PHEAT-6489	proteomics_heat	3447585	3447638	-	4	14	K.VVADIAGVPAQINIAEVR.K	22
PHEAT-6490	proteomics_heat	3447585	3447641	-	4	26	R.KVVADIAGVPAQINIAEVR.K	23
PHEAT-6491	proteomics_heat	3447669	3447710	-	4	10	R.VTIHTARPGIVIGK.K	18
PHEAT-6492	proteomics_heat	3447720	3447743	-	4	3	R.IVIERPAK.S	12
PHEAT-6493	proteomics_heat	3447792	3447824	-	4	14	K.EFADNLDSDFK.V	15
PHEAT-6494	proteomics_heat	3447825	3447872	-	4	19	R.LGIVKPWNSTWFANTK.E	20
PHEAT-6495	proteomics_heat	3447831	3447872	-	4	4	R.LGIVKPWNSTWFAN.T	18
PHEAT-6496	proteomics_heat	3447834	3447872	-	4	2	R.LGIVKPWNSTWFA.N	17
PHEAT-6497	proteomics_heat	3447837	3447872	-	4	6	R.LGIVKPWNSTWFA	16
PHEAT-6498	proteomics_heat	3447840	3447872	-	4	2	R.LGIVKPWNSTW.F	15
PHEAT-6499	proteomics_heat	3447846	3447872	-	4	5	R.LGIVKPWNS.T	13
PHEAT-6500	proteomics_heat	3447849	3447872	-	4	2	R.LGIVKPWN.S	12
PHEAT-6501	proteomics_heat	3447926	3447958	-	6	41	R.TSHITVVVSDR.-	15
PHEAT-6502	proteomics_heat	3448004	3448036	-	6	2	K.IFVDEGPSMKR.I	15
PHEAT-6503	proteomics_heat	3448007	3448036	-	6	10	K.IFVDEGPSMKR	14
PHEAT-6504	proteomics_heat	3448037	3448108	-	6	17	K.VLESIAIANAEHNDGADIDDLKVTK.I	28
PHEAT-6505	proteomics_heat	3448037	3448111	-	6	24	K.KVLESIAIANAEHNDGADIDDLKVTK.I	29
PHEAT-6506	proteomics_heat	3448046	3448108	-	6	8	K.VLESIAIANAEHNDGADIDDLK.V	25
PHEAT-6507	proteomics_heat	3448046	3448111	-	6	17	K.KVLESIAIANAEHNDGADIDDLK.V	26
PHEAT-6508	proteomics_heat	3448130	3448171	-	6	20	K.VSQALDILTYTNKK.A	18
PHEAT-6509	proteomics_heat	3448130	3448174	-	6	9	K.KVSQALDILTYTNKK.A	19
PHEAT-6510	proteomics_heat	3448133	3448171	-	6	7	K.VSQALDILTYTNK.K	17
PHEAT-6511	proteomics_heat	3448133	3448174	-	6	47	K.KVSQALDILTYTNK.K	18
PHEAT-6512	proteomics_heat	3448315	3448338	-	5	3	K.LGEFAPTR.T	12
PHEAT-6513	proteomics_heat	3448339	3448383	-	5	13	R.QHVPVFTDEMVGHK.L	19
PHEAT-6514	proteomics_heat	3448384	3448419	-	5	12	N.MIGLTIAVHNGR.Q	16

PHEAT-6515	proteomics_heat	3448384	3448437	-	5	41	R.STIFPNMIGLTIAVHNGR.Q	22
PHEAT-6516	proteomics_heat	3448384	3448440	-	5	9	R.RSTIFPNMIGLTIAVHNGR.Q	23
PHEAT-6517	proteomics_heat	3448390	3448440	-	5	5	R.RSTIFPNMIGLTIAVHN.G	21
PHEAT-6518	proteomics_heat	3448393	3448440	-	5	2	R.RSTIFPNMIGLTIAVH.N	20
PHEAT-6519	proteomics_heat	3448399	3448440	-	5	2	R.RSTIFPNMIGLTI.V	18
PHEAT-6520	proteomics_heat	3448453	3448485	-	5	8	K.AVESGDKKPLR.T	15
PHEAT-6521	proteomics_heat	3448498	3448527	-	5	7	K.GPFIDLHLLK.K	14
PHEAT-6522	proteomics_heat	3448498	3448530	-	5	9	K.KGPFIDLHLLK.K	15
PHEAT-6523	proteomics_heat	3448580	3448600	-	6	3	R.TDKFIVR.R	11
PHEAT-6524	proteomics_heat	3448628	3448660	-	6	7	K.HPVPWGVQTK.G	15
PHEAT-6525	proteomics_heat	3448673	3448708	-	6	2	N.PVDHPHGGGEGR.N	16
PHEAT-6526	proteomics_heat	3448673	3448723	-	6	21	R.GTAMNPVDHPHGGGEGR.N	21
PHEAT-6527	proteomics_heat	3448778	3448819	-	6	15	R.ATLGEVGNAEHMLR.V	18
PHEAT-6528	proteomics_heat	3448787	3448819	-	6	2	R.ATLGEVGNAEH.M	15
PHEAT-6529	proteomics_heat	3448862	3448885	-	6	26	R.DGAYVTLR.L	12
PHEAT-6530	proteomics_heat	3448886	3448918	-	6	16	R.SAGTYVQIVAR.D	15
PHEAT-6531	proteomics_heat	3448937	3448981	-	6	2	I.PVGSTVHNVEMKPGK.G	19
PHEAT-6532	proteomics_heat	3448937	3448987	-	6	6	R.NIPVGSTVHNVEMKPGK.G	21
PHEAT-6533	proteomics_heat	3448946	3448987	-	6	2	R.NIPVGSTVHNVEMK.P	18
PHEAT-6534	proteomics_heat	3448988	3449053	-	6	14	K.AGDQIQSGVDAAIKPGNTLPMR.N	26
PHEAT-6535	proteomics_heat	3449003	3449053	-	6	4	K.AGDQIQSGVDAAIKPGN.T	21
PHEAT-6536	proteomics_heat	3449096	3449125	-	6	10	R.SANIALVLYK.D	14
PHEAT-6537	proteomics_heat	3449147	3449173	-	6	8	K.DGIPAVVER.L	13
PHEAT-6538	proteomics_heat	3449147	3449179	-	6	16	R.NKDGIPAVVER.L	15
PHEAT-6539	proteomics_heat	3449279	3449308	-	6	3	K.GKPFAPLLEK.N	14
PHEAT-6540	proteomics_heat	3449282	3449308	-	6	3	K.GKPFAPLLE.K	13
PHEAT-6541	proteomics_heat	3449285	3449308	-	6	2	K.GKPFAPLLE.E	12
PHEAT-6542	proteomics_heat	3449309	3449332	-	6	4	K.VVNPELHK.G	12
PHEAT-6543	proteomics_heat	3449515	3449559	-	5	1213	K.LFEVEVEVVNTLVVK.G	19
PHEAT-6544	proteomics_heat	3449727	3449753	-	4	4	K.VVMTADAVK.Q	13
PHEAT-6545	proteomics_heat	3449727	3449762	-	4	6	A.FDKVVMTADAVK.Q	16
PHEAT-6546	proteomics_heat	3449727	3449798	-	4	5	R.DATGIDPVSLIAFDKVVMTADAVK.Q	28
PHEAT-6547	proteomics_heat	3449748	3449798	-	4	11	R.DATGIDPVSLIAFDKVV.M	21
PHEAT-6548	proteomics_heat	3449754	3449780	-	4	3	D.PVSLIAFDK.V	13
PHEAT-6549	proteomics_heat	3449754	3449798	-	4	17	R.DATGIDPVSLIAFDK.V	19
PHEAT-6550	proteomics_heat	3449823	3449897	-	4	33	K.LKDMALEDVLIITGELDENLFLAAR.N	29
PHEAT-6551	proteomics_heat	3449919	3449939	-	4	3	K.FSVEAPK.T	11
PHEAT-6552	proteomics_heat	3449967	3449990	-	4	4	K.SILSELVR.Q	12
PHEAT-6553	proteomics_heat	3450024	3450071	-	4	7	R.SGGVTFAARPDHSQK.V	20
PHEAT-6554	proteomics_heat	3450030	3450071	-	4	3	R.SGGVTFAARPDHS.Q	18
PHEAT-6555	proteomics_heat	3450045	3450071	-	4	6	R.SGGVTFAAR.P	13
PHEAT-6556	proteomics_heat	3450189	3450245	-	4	138	R.DFNEALVHQVVVYAAAGAR.Q	23
PHEAT-6557	proteomics_heat	3450204	3450245	-	4	6	R.DFNEALVHQVVVY.A	18
PHEAT-6558	proteomics_heat	3450222	3450245	-	4	2	R.DFNEALVH.Q	12
PHEAT-6559	proteomics_heat	3450246	3450290	-	4	37	K.DAQSALTVSETTFGR.D	19
PHEAT-6560	proteomics_heat	3450322	3450378	-	5	13	K.GAVPGATGSDLIVKPAVKA.-	23

PHEAT-6561	proteomics_heat	3450325	3450369	-	5	9	V.PGATGSDLIVKPAVK.A	19
PHEAT-6562	proteomics_heat	3450325	3450378	-	5	29	K.GAVPGATGSDLIVKPAVK.A	22
PHEAT-6563	proteomics_heat	3450412	3450441	-	5	9	R.VTVQSLDVVR.V	14
PHEAT-6564	proteomics_heat	3450442	3450468	-	5	4	K.MAGQMGNER.V	13
PHEAT-6565	proteomics_heat	3450526	3450564	-	5	15	R.TQDATHGNSLSHR.V	17
PHEAT-6566	proteomics_heat	3450607	3450633	-	5	37	K.KVDVTGTSK.G	13
PHEAT-6567	proteomics_heat	3450634	3450699	-	5	268	R.LAEGEFTVGQSISVELFADVK.K	26
PHEAT-6568	proteomics_heat	3450739	3450771	-	5	5	R.VTKPEAGHFAK.A	15
PHEAT-6569	proteomics_heat	3450745	3450771	-	5	3	R.VTKPEAGHFA	13
PHEAT-6570	proteomics_heat	3450784	3450810	-	5	13	R.AIQVTTGAK.K	13
PHEAT-6571	proteomics_heat	3450811	3450834	-	5	16	K.DLANDGYR.A	12
PHEAT-6572	proteomics_heat	3450850	3450909	-	5	67	R.IFTEDGVSIPVTVIEVEANR.V	24
PHEAT-6573	proteomics_heat	3450928	3450948	-	5	4	T.MIGLVGK.K	11
PHEAT-6574	proteomics_heat	3451047	3451076	-	4	15	R.LVDIVPETEK.T	14
PHEAT-6575	proteomics_heat	3451089	3451106	-	4	2	R.DQYEIR.T	10
PHEAT-6576	proteomics_heat	3451107	3451148	-	4	2	R.FTVLISPHVNKDAR.D	18
PHEAT-6577	proteomics_heat	3451116	3451148	-	4	25	R.FTVLISPHVNK.D	15
PHEAT-6578	proteomics_heat	3451116	3451154	-	4	2	K.ERFTVLISPHVNK.D	17
PHEAT-6579	proteomics_heat	3451119	3451148	-	4	4	R.FTVLISPHVN.K	14
PHEAT-6580	proteomics_heat	3451200	3451244	-	4	25	R.LIDQATAEIVETAKR.T	19
PHEAT-6581	proteomics_heat	3451200	3451247	-	4	2	H.RLIDQATAEIVETAKR.T	20
PHEAT-6582	proteomics_heat	3451203	3451241	-	4	4	L.IDQATAEIVETAK.R	17
PHEAT-6583	proteomics_heat	3451203	3451244	-	4	33	R.LIDQATAEIVETAK.R	18
PHEAT-6584	proteomics_heat	3451203	3451247	-	4	35	H.RLIDQATAEIVETAK.R	19
PHEAT-6585	proteomics_heat	3464397	3464441	-	4	4	R.EAIGYADSVHDYVSR.D	19
PHEAT-6586	proteomics_heat	3464484	3464519	-	4	2	K.LNIGEDVEEMLR.S	16
PHEAT-6587	proteomics_heat	3464520	3464564	-	4	5	R.ILFLEGLPNLQDLGK.L	19
PHEAT-6588	proteomics_heat	3464577	3464630	-	4	3	R.LNDVEYHESIDEMKHADR.Y	22
PHEAT-6589	proteomics_heat	3464589	3464630	-	4	2	R.LNDVEYHESIDEMK.H	18
PHEAT-6590	proteomics_heat	3464589	3464633	-	4	3	K.RLNDVEYHESIDEMK.H	19
PHEAT-6591	proteomics_heat	3464658	3464708	-	4	13	K.LLGNELVAINQYFLHAR.M	21
PHEAT-6592	proteomics_heat	3468230	3468262	-	6	2	L.IHPIAMDDGLR.F	15
PHEAT-6593	proteomics_heat	3468230	3468262	-	6	2	L.IHPIAMDDGLR.F	15
PHEAT-6594	proteomics_heat	3468230	3468265	-	6	4	T.LIHPIAMDDGLR.F	16
PHEAT-6595	proteomics_heat	3468230	3468265	-	6	4	T.LIHPIAMDDGLR.F	16
PHEAT-6596	proteomics_heat	3468230	3468268	-	6	4	V.TLIHPIAMDDGLR.F	17
PHEAT-6597	proteomics_heat	3468230	3468268	-	6	4	V.TLIHPIAMDDGLR.F	17
PHEAT-6598	proteomics_heat	3468230	3468277	-	6	182	K.MVVTLIHPIAMDDGLR.F	20
PHEAT-6599	proteomics_heat	3468230	3468277	-	6	182	K.MVVTLIHPIAMDDGLR.F	20
PHEAT-6600	proteomics_heat	3468230	3468280	-	6	4	I.KMVVTLIHPIAMDDGLR.F	21
PHEAT-6601	proteomics_heat	3468230	3468280	-	6	4	I.KMVVTLIHPIAMDDGLR.F	21
PHEAT-6602	proteomics_heat	3468242	3468277	-	6	2	K.MVVTLIHPIAMD.D	16
PHEAT-6603	proteomics_heat	3468242	3468277	-	6	2	K.MVVTLIHPIAMD.D	16
PHEAT-6604	proteomics_heat	3468245	3468277	-	6	15	K.MVVTLIHPIAM.D	15
PHEAT-6605	proteomics_heat	3468245	3468277	-	6	15	K.MVVTLIHPIAM.D	15
PHEAT-6606	proteomics_heat	3468248	3468277	-	6	3	K.MVVTLIHPIA.M	14

PHEAT-6607	proteomics_heat	3468248	3468277	-	6	3	K.MVVTLIHPIA.M	14
PHEAT-6608	proteomics_heat	3468278	3468319	-	6	4	L.PEGVEMVMPGDNIK.M	18
PHEAT-6609	proteomics_heat	3468278	3468319	-	6	4	L.PEGVEMVMPGDNIK.M	18
PHEAT-6610	proteomics_heat	3468278	3468343	-	6	3	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PHEAT-6611	proteomics_heat	3468278	3468343	-	6	3	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PHEAT-6612	proteomics_heat	3468278	3468349	-	6	109	R.TTDVGTIELPEGVEMVMPGDNIK.M	28
PHEAT-6613	proteomics_heat	3468278	3468349	-	6	109	R.TTDVGTIELPEGVEMVMPGDNIK.M	28
PHEAT-6614	proteomics_heat	3468350	3468370	-	6	2	Y.RPQFYFR.T	11
PHEAT-6615	proteomics_heat	3468350	3468370	-	6	2	Y.RPQFYFR.T	11
PHEAT-6616	proteomics_heat	3468350	3468376	-	6	8	K.GYRPQFYFR.T	13
PHEAT-6617	proteomics_heat	3468350	3468376	-	6	8	K.GYRPQFYFR.T	13
PHEAT-6618	proteomics_heat	3468395	3468421	-	6	3	Y.ILSKDEGGR.H	13
PHEAT-6619	proteomics_heat	3468395	3468421	-	6	3	Y.ILSKDEGGR.H	13
PHEAT-6620	proteomics_heat	3468395	3468439	-	6	58	K.FESEVYILSKDEGGR.H	19
PHEAT-6621	proteomics_heat	3468395	3468439	-	6	58	K.FESEVYILSKDEGGR.H	19
PHEAT-6622	proteomics_heat	3468395	3468445	-	6	10	H.TKFESEVYILSKDEGGR.H	21
PHEAT-6623	proteomics_heat	3468395	3468445	-	6	10	H.TKFESEVYILSKDEGGR.H	21
PHEAT-6624	proteomics_heat	3468410	3468439	-	6	151	K.FESEVYILSK.D	14
PHEAT-6625	proteomics_heat	3468410	3468439	-	6	151	K.FESEVYILSK.D	14
PHEAT-6626	proteomics_heat	3468410	3468445	-	6	29	H.TKFESEVYILSK.D	16
PHEAT-6627	proteomics_heat	3468410	3468445	-	6	29	H.TKFESEVYILSK.D	16
PHEAT-6628	proteomics_heat	3468446	3468484	-	6	7	R.GQVLAKPGTIKPH.T	17
PHEAT-6629	proteomics_heat	3468446	3468484	-	6	7	R.GQVLAKPGTIKPH.T	17
PHEAT-6630	proteomics_heat	3468452	3468484	-	6	5	R.GQVLAKPGTIK.P	15
PHEAT-6631	proteomics_heat	3468452	3468484	-	6	5	R.GQVLAKPGTIK.P	15
PHEAT-6632	proteomics_heat	3468512	3468541	-	6	73	R.AGENVGVLLR.G	14
PHEAT-6633	proteomics_heat	3468512	3468541	-	6	73	R.AGENVGVLLR.G	14
PHEAT-6634	proteomics_heat	3468512	3468544	-	6	3	G.RAGENVGVLLR.G	15
PHEAT-6635	proteomics_heat	3468512	3468544	-	6	3	G.RAGENVGVLLR.G	15
PHEAT-6636	proteomics_heat	3468542	3468562	-	6	7	R.KLLDEGR.A	11
PHEAT-6637	proteomics_heat	3468542	3468562	-	6	7	R.KLLDEGR.A	11
PHEAT-6638	proteomics_heat	3468560	3468592	-	6	12	K.STCTGVEMFRK.L	15
PHEAT-6639	proteomics_heat	3468560	3468592	-	6	12	K.STCTGVEMFRK.L	15
PHEAT-6640	proteomics_heat	3468563	3468592	-	6	29	K.STCTGVEMFR.K	14
PHEAT-6641	proteomics_heat	3468563	3468592	-	6	29	K.STCTGVEMFR.K	14
PHEAT-6642	proteomics_heat	3468563	3468595	-	6	18	Q.KSTCTGVEMFR.K	15
PHEAT-6643	proteomics_heat	3468563	3468595	-	6	18	Q.KSTCTGVEMFR.K	15
PHEAT-6644	proteomics_heat	3468593	3468637	-	6	47	K.VGEEVEIVGIKETQK.S	19
PHEAT-6645	proteomics_heat	3468593	3468637	-	6	47	K.VGEEVEIVGIKETQK.S	19
PHEAT-6646	proteomics_heat	3468605	3468637	-	6	96	K.VGEEVEIVGIK.E	15
PHEAT-6647	proteomics_heat	3468605	3468637	-	6	96	K.VGEEVEIVGIK.E	15
PHEAT-6648	proteomics_heat	3468680	3468718	-	6	3	F.LLPIEDVFSISGR.G	17
PHEAT-6649	proteomics_heat	3468680	3468718	-	6	3	F.LLPIEDVFSISGR.G	17
PHEAT-6650	proteomics_heat	3468680	3468724	-	6	16	K.PFLLPIEDVFSISGR.G	19
PHEAT-6651	proteomics_heat	3468680	3468724	-	6	16	K.PFLLPIEDVFSISGR.G	19
PHEAT-6652	proteomics_heat	3468680	3468727	-	6	3	D.KPFLPIEDVFSISGR.G	20

PHEAT-6653	proteomics_heat	3468680	3468727	-	6	3	D.KPFLPIEDVFSISGR.G	20
PHEAT-6654	proteomics_heat	3468680	3468736	-	6	267	R.AIDKPFLPIEDVFSISGR.G	23
PHEAT-6655	proteomics_heat	3468680	3468736	-	6	267	R.AIDKPFLPIEDVFSISGR.G	23
PHEAT-6656	proteomics_heat	3468680	3468739	-	6	4	E.RAIDKPFLPIEDVFSISGR.G	24
PHEAT-6657	proteomics_heat	3468680	3468739	-	6	4	E.RAIDKPFLPIEDVFSISGR.G	24
PHEAT-6658	proteomics_heat	3468737	3468772	-	6	3	A.GFLDSYIPEPER.A	16
PHEAT-6659	proteomics_heat	3468737	3468772	-	6	3	A.GFLDSYIPEPER.A	16
PHEAT-6660	proteomics_heat	3468737	3468775	-	6	3	L.AGFLDSYIPEPER.A	17
PHEAT-6661	proteomics_heat	3468737	3468775	-	6	3	L.AGFLDSYIPEPER.A	17
PHEAT-6662	proteomics_heat	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PHEAT-6663	proteomics_heat	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PHEAT-6664	proteomics_heat	3468737	3468787	-	6	745	K.ILELAGFLDSYIPEPER.A	21
PHEAT-6665	proteomics_heat	3468737	3468787	-	6	745	K.ILELAGFLDSYIPEPER.A	21
PHEAT-6666	proteomics_heat	3468737	3468790	-	6	5	A.KILELAGFLDSYIPEPER.A	22
PHEAT-6667	proteomics_heat	3468737	3468790	-	6	5	A.KILELAGFLDSYIPEPER.A	22
PHEAT-6668	proteomics_heat	3468788	3468820	-	6	35	K.ALEGDAEWEAK.I	15
PHEAT-6669	proteomics_heat	3468788	3468820	-	6	35	K.ALEGDAEWEAK.I	15
PHEAT-6670	proteomics_heat	3468788	3468835	-	6	2	R.GSALKALEGDAEWEAK.I	20
PHEAT-6671	proteomics_heat	3468788	3468835	-	6	2	R.GSALKALEGDAEWEAK.I	20
PHEAT-6672	proteomics_heat	3468836	3468862	-	6	3	F.PGDDTPIVR.G	13
PHEAT-6673	proteomics_heat	3468836	3468862	-	6	3	F.PGDDTPIVR.G	13
PHEAT-6674	proteomics_heat	3468836	3468868	-	6	2	Y.DFPGDDTPIVR.G	15
PHEAT-6675	proteomics_heat	3468836	3468868	-	6	2	Y.DFPGDDTPIVR.G	15
PHEAT-6676	proteomics_heat	3468836	3468886	-	6	184	R.ELLSQYDFPGDDTPIVR.G	21
PHEAT-6677	proteomics_heat	3468836	3468886	-	6	184	R.ELLSQYDFPGDDTPIVR.G	21
PHEAT-6678	proteomics_heat	3468836	3468910	-	6	2	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PHEAT-6679	proteomics_heat	3468836	3468910	-	6	2	L.ELVEMEVRELLSQYDFPGDDTPIVR.G	29
PHEAT-6680	proteomics_heat	3468887	3468940	-	6	27	K.CDMVDDEELLELVEMEV.R	22
PHEAT-6681	proteomics_heat	3468887	3468940	-	6	27	K.CDMVDDEELLELVEMEV.R	22
PHEAT-6682	proteomics_heat	3468941	3468979	-	6	111	R.QVGVPIIVFLNK.C	17
PHEAT-6683	proteomics_heat	3468941	3468979	-	6	111	R.QVGVPIIVFLNK.C	17
PHEAT-6684	proteomics_heat	3468941	3468982	-	6	7	G.RQVGVPIIVFLNK.C	18
PHEAT-6685	proteomics_heat	3468941	3468982	-	6	7	G.RQVGVPIIVFLNK.C	18
PHEAT-6686	proteomics_heat	3468980	3469000	-	6	22	R.EHILLGR.Q	11
PHEAT-6687	proteomics_heat	3468980	3469000	-	6	22	R.EHILLGR.Q	11
PHEAT-6688	proteomics_heat	3469001	3469081	-	6	2045	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PHEAT-6689	proteomics_heat	3469001	3469081	-	6	2045	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PHEAT-6690	proteomics_heat	3469082	3469105	-	6	2	C.PGHADYVK.N	12
PHEAT-6691	proteomics_heat	3469082	3469105	-	6	2	C.PGHADYVK.N	12
PHEAT-6692	proteomics_heat	3469082	3469114	-	6	2	H.VDCPGHADYVK.N	15
PHEAT-6693	proteomics_heat	3469082	3469114	-	6	2	H.VDCPGHADYVK.N	15
PHEAT-6694	proteomics_heat	3469082	3469120	-	6	2	Y.AHVDCPGHADYVK.N	17
PHEAT-6695	proteomics_heat	3469082	3469120	-	6	2	Y.AHVDCPGHADYVK.N	17
PHEAT-6696	proteomics_heat	3469082	3469123	-	6	4	H.YAHVDCPGHADYVK.N	18
PHEAT-6697	proteomics_heat	3469082	3469123	-	6	4	H.YAHVDCPGHADYVK.N	18
PHEAT-6698	proteomics_heat	3469082	3469126	-	6	23	R.HYAHVDCPGHADYVK.N	19

PHEAT-6699	proteomics_heat	3469082	3469126	-	6	23	R.HYAHVDCPGHADYVK.N	19
PHEAT-6700	proteomics_heat	3469091	3469126	-	6	2	R.HYAHVDCPGHAD.Y	16
PHEAT-6701	proteomics_heat	3469091	3469126	-	6	2	R.HYAHVDCPGHAD.Y	16
PHEAT-6702	proteomics_heat	3469124	3469174	-	6	4	R.GITINTSHVEYDTPTRH.Y	21
PHEAT-6703	proteomics_heat	3469124	3469174	-	6	4	R.GITINTSHVEYDTPTRH.Y	21
PHEAT-6704	proteomics_heat	3469127	3469159	-	6	9	N.TSHVEYDTPTR.H	15
PHEAT-6705	proteomics_heat	3469127	3469159	-	6	9	N.TSHVEYDTPTR.H	15
PHEAT-6706	proteomics_heat	3469127	3469162	-	6	3	I.NTSHVEYDTPTR.H	16
PHEAT-6707	proteomics_heat	3469127	3469162	-	6	3	I.NTSHVEYDTPTR.H	16
PHEAT-6708	proteomics_heat	3469127	3469168	-	6	3	I.TINTSHVEYDTPTR.H	18
PHEAT-6709	proteomics_heat	3469127	3469168	-	6	3	I.TINTSHVEYDTPTR.H	18
PHEAT-6710	proteomics_heat	3469127	3469174	-	6	112	R.GITINTSHVEYDTPTR.H	20
PHEAT-6711	proteomics_heat	3469127	3469174	-	6	112	R.GITINTSHVEYDTPTR.H	20
PHEAT-6712	proteomics_heat	3469127	3469177	-	6	2	A.RGITINTSHVEYDTPTR.H	21
PHEAT-6713	proteomics_heat	3469127	3469177	-	6	2	A.RGITINTSHVEYDTPTR.H	21
PHEAT-6714	proteomics_heat	3469139	3469174	-	6	2	R.GITINTSHVEYD.T	16
PHEAT-6715	proteomics_heat	3469139	3469174	-	6	2	R.GITINTSHVEYD.T	16
PHEAT-6716	proteomics_heat	3469172	3469216	-	6	3	R.AFDQIDNAPEEKARG.I	19
PHEAT-6717	proteomics_heat	3469172	3469216	-	6	3	R.AFDQIDNAPEEKARG.I	19
PHEAT-6718	proteomics_heat	3469181	3469210	-	6	2	F.DQIDNAPEEK.A	14
PHEAT-6719	proteomics_heat	3469181	3469210	-	6	2	F.DQIDNAPEEK.A	14
PHEAT-6720	proteomics_heat	3469181	3469216	-	6	22	R.AFDQIDNAPEEK.A	16
PHEAT-6721	proteomics_heat	3469181	3469216	-	6	22	R.AFDQIDNAPEEK.A	16
PHEAT-6722	proteomics_heat	3469238	3469276	-	6	243	K.TTLTAAITTVLAK.T	17
PHEAT-6723	proteomics_heat	3469238	3469276	-	6	243	K.TTLTAAITTVLAK.T	17
PHEAT-6724	proteomics_heat	3469277	3469309	-	6	2	N.VGTIGHVDHGK.T	15
PHEAT-6725	proteomics_heat	3469277	3469309	-	6	2	N.VGTIGHVDHGK.T	15
PHEAT-6726	proteomics_heat	3469431	3469478	-	4	22	K.YDEAPSNVAQAVIEAR.G	20
PHEAT-6727	proteomics_heat	3469431	3469505	-	4	33	R.ASYTMEFLKYDEAPSNVAQAVIEAR.G	29
PHEAT-6728	proteomics_heat	3469431	3469511	-	4	2	K.GRASYTMEFLKYDEAPSNVAQAVIEAR.G	31
PHEAT-6729	proteomics_heat	3469479	3469505	-	4	3	R.ASYTMEFLK.Y	13
PHEAT-6730	proteomics_heat	3469524	3469562	-	4	3	V.PLSEMFGYATQLR.S	17
PHEAT-6731	proteomics_heat	3469524	3469571	-	4	2	H.AEVPLSEMFGYATQLR.S	20
PHEAT-6732	proteomics_heat	3469524	3469577	-	4	75	K.IHAEVPLSEMFGYATQLR.S	22
PHEAT-6733	proteomics_heat	3469578	3469607	-	4	4	K.GQESEVTGVK.I	14
PHEAT-6734	proteomics_heat	3469578	3469619	-	4	6	R.GMLKGQESEVTGVK.I	18
PHEAT-6735	proteomics_heat	3469626	3469667	-	4	2	T.PEENTGDVIGDLSR.R	18
PHEAT-6736	proteomics_heat	3469626	3469676	-	4	2	E.VETPEENTGDVIGDLSR.R	21
PHEAT-6737	proteomics_heat	3469626	3469682	-	4	31	K.VEVETPEENTGDVIGDLSR.R	23
PHEAT-6738	proteomics_heat	3469635	3469682	-	4	2	K.VEVETPEENTGDVIGD.L	20
PHEAT-6739	proteomics_heat	3469647	3469682	-	4	3	K.VEVETPEENTGD.V	16
PHEAT-6740	proteomics_heat	3469683	3469715	-	4	26	K.AKPVLLPEIMK.V	15
PHEAT-6741	proteomics_heat	3469731	3469754	-	4	2	K.LAASIAFK.E	12
PHEAT-6742	proteomics_heat	3469755	3469799	-	4	3	H.FGSYHDVDSSELA.FK.L	19
PHEAT-6743	proteomics_heat	3469755	3469805	-	4	235	R.LHFGSYHDVDSSELA.FK.L	21
PHEAT-6744	proteomics_heat	3469761	3469805	-	4	2	R.LHFGSYHDVDSSELA.F	19

PHEAT-6745	proteomics_heat	3469767	3469805	-	4	2	R.LHFGSYHDVDSSE.L	17
PHEAT-6746	proteomics_heat	3469806	3469850	-	4	12	K.AGPLAGYPVDMGIR.L	19
PHEAT-6747	proteomics_heat	3469872	3469913	-	4	10	K.GGVIPGEYIPAVDK.G	18
PHEAT-6748	proteomics_heat	3469872	3469940	-	4	2	K.GYEFINDIKGGVIPGEYIPAVDK.G	27
PHEAT-6749	proteomics_heat	3469914	3469940	-	4	11	K.GYEFINDIK.G	13
PHEAT-6750	proteomics_heat	3469941	3470000	-	4	19	R.GQYGHVVIDMYPLEPGSNPK.G	24
PHEAT-6751	proteomics_heat	3470025	3470051	-	4	10	R.QKVTDVEGK.H	13
PHEAT-6752	proteomics_heat	3470064	3470111	-	4	22	R.EFNVEANVGKPVVAYR.E	20
PHEAT-6753	proteomics_heat	3470064	3470114	-	4	3	K.REFNVEANVGKPVVAYR.E	21
PHEAT-6754	proteomics_heat	3470121	3470198	-	4	159	R.VWTDEESNQTIAGMGELHLDIIVDR.M	30
PHEAT-6755	proteomics_heat	3470199	3470225	-	4	5	R.LAKEDPSFR.V	13
PHEAT-6756	proteomics_heat	3470268	3470312	-	4	28	R.MEFPEPVISIAVEPK.T	19
PHEAT-6757	proteomics_heat	3470313	3470333	-	4	3	D.APIILER.M	11
PHEAT-6758	proteomics_heat	3470313	3470339	-	4	10	D.PDAPIILER.M	13
PHEAT-6759	proteomics_heat	3470313	3470348	-	4	6	T.LCDPDAPIILER.M	16
PHEAT-6760	proteomics_heat	3470313	3470351	-	4	5	D.TLCDPDAPIILER.M	17
PHEAT-6761	proteomics_heat	3470313	3470366	-	4	2	D.VTTGDTLCDPDAPIILER.M	22
PHEAT-6762	proteomics_heat	3470313	3470369	-	4	344	K.DVTTGDTLCDPDAPIILER.M	23
PHEAT-6763	proteomics_heat	3470313	3470402	-	4	5	R.AGDIAAAIGLKDVTGDTLCDPDAPIILER.M	34
PHEAT-6764	proteomics_heat	3470334	3470369	-	4	9	K.DVTTGDTLCDPD.A	16
PHEAT-6765	proteomics_heat	3470340	3470369	-	4	9	K.DVTTGDTLCD.P	14
PHEAT-6766	proteomics_heat	3470370	3470402	-	4	11	R.AGDIAAAIGLK.D	15
PHEAT-6767	proteomics_heat	3470403	3470423	-	4	2	R.EEIKEVR.A	11
PHEAT-6768	proteomics_heat	3470427	3470450	-	4	3	R.IVQMHANK.R	12
PHEAT-6769	proteomics_heat	3470475	3470525	-	4	31	R.VYSGVVNSGDTVLNSVK.A	21
PHEAT-6770	proteomics_heat	3470526	3470567	-	4	20	K.IATDPFVGNLTFFR.V	18
PHEAT-6771	proteomics_heat	3470526	3470570	-	4	2	F.KIATDPFVGNLTFFR.V	19
PHEAT-6772	proteomics_heat	3470568	3470609	-	4	29	R.HASDDEPFSALAFK.I	18
PHEAT-6773	proteomics_heat	3470610	3470663	-	4	11	D.VPAINGILDDGKDTPAER.H	22
PHEAT-6774	proteomics_heat	3470610	3470678	-	4	19	L.PSPVDVPAINGILDDGKDTPAER.H	27
PHEAT-6775	proteomics_heat	3470610	3470681	-	4	2	Y.LPSPVDVPAINGILDDGKDTPAER.H	28
PHEAT-6776	proteomics_heat	3470610	3470717	-	4	140	K.GVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAER.H	40
PHEAT-6777	proteomics_heat	3470610	3470723	-	4	17	K.NKGVQAMLDVIDYLPSPVDVPAINGILDDGKDTPAER.H	42
PHEAT-6778	proteomics_heat	3470628	3470717	-	4	8	K.GVQAMLDVIDYLPSPVDVPAINGILDDGK.D	34
PHEAT-6779	proteomics_heat	3470724	3470771	-	4	88	R.VLNNEIILVTCGSAFK.N	20
PHEAT-6780	proteomics_heat	3470790	3470828	-	4	17	K.YLGGEELTEAEIK.G	17
PHEAT-6781	proteomics_heat	3470976	3471053	-	4	2431	R.LGANPVPLQLAIGAEHFVGVVLDVK.M	30
PHEAT-6782	proteomics_heat	3471153	3471197	-	4	3	Y.CAVGGVQPQSETVWR.Q	19
PHEAT-6783	proteomics_heat	3471153	3471224	-	4	54	R.VLDGAVMVYCAVGGVQPQSETVWR.Q	28
PHEAT-6784	proteomics_heat	3471234	3471287	-	4	94	R.INIIDTPGHVDFTEVER.S	22
PHEAT-6785	proteomics_heat	3471306	3471359	-	4	178	R.GITITSAATTAFWGMAK.Q	22
PHEAT-6786	proteomics_heat	3471360	3471419	-	4	32	K.IGEVHDGAATMDWMEQEQR.G	24
PHEAT-6787	proteomics_heat	3471420	3471449	-	4	19	R.ILFYTGVNHK.I	14
PHEAT-6788	proteomics_heat	3471468	3471497	-	4	2	I.GISAHIDAGK.T	14
PHEAT-6789	proteomics_heat	3471468	3471503	-	4	35	R.NIGISAHIDAGK.T	16
PHEAT-6790	proteomics_heat	3471693	3471746	-	4	2	R.LANELSDAAENKGTAVKK.R	22

PHEAT-6791	proteomics_heat	3471696	3471746	-	4	22	R.LANELSDAAENKGTAVK.K	21
PHEAT-6792	proteomics_heat	3471711	3471746	-	4	14	R.LANELSDAAENK.G	16
PHEAT-6793	proteomics_heat	3471711	3471749	-	4	2	L.RLANELSDAAENK.G	17
PHEAT-6794	proteomics_heat	3471819	3471866	-	4	15	R.VGGSTYQVPVEVRPVR.R	20
PHEAT-6795	proteomics_heat	3471819	3471869	-	4	5	R.RVGGSTYQVPVEVRPVR.R	21
PHEAT-6796	proteomics_heat	3471828	3471869	-	4	6	R.RVGGSTYQVPVEVR.P	18
PHEAT-6797	proteomics_heat	3471876	3471935	-	4	90	K.SELEAFEVALENVRPTVEVK.S	24
PHEAT-6798	proteomics_heat	3471876	3471944	-	4	48	R.SGKSELEAFEVALENVRPTVEVK.S	27
PHEAT-6799	proteomics_heat	3471945	3471995	-	4	102	K.STAESIVYSALETLAQR.S	21
PHEAT-6800	proteomics_heat	3471945	3471998	-	4	57	K.KSTAESIVYSALETLAQR.S	22
PHEAT-6801	proteomics_heat	3471996	3472028	-	4	19	K.FVNILMVDGKK.S	15
PHEAT-6802	proteomics_heat	3471999	3472028	-	4	21	K.FVNILMVDGK.K	14
PHEAT-6803	proteomics_heat	3472029	3472052	-	4	3	K.FGSELLAK.F	12
PHEAT-6804	proteomics_heat	3472245	3472277	-	4	6	R.GALDCSGVKDR.K	15
PHEAT-6805	proteomics_heat	3472251	3472277	-	4	4	R.GALDCSGVK.D	13
PHEAT-6806	proteomics_heat	3472326	3472355	-	4	3	N.LQEHSVILIR.G	14
PHEAT-6807	proteomics_heat	3472326	3472376	-	4	8	Y.IGGEGHNLQEHSVILIR.G	21
PHEAT-6808	proteomics_heat	3472326	3472406	-	4	700	R.LTNGFEVTSYIGGEGHNLQEHSVILIR.G	31
PHEAT-6809	proteomics_heat	3472356	3472406	-	4	2	R.LTNGFEVTSYIGGEGHN.L	21
PHEAT-6810	proteomics_heat	3472359	3472406	-	4	2	R.LTNGFEVTSYIGGEGH.N	20
PHEAT-6811	proteomics_heat	3472446	3472466	-	4	2	R.VYTTTPK.K	11
PHEAT-6812	proteomics_heat	3472482	3472511	-	4	5	V.PALEACPQKR.G	14
PHEAT-6813	proteomics_heat	3472482	3472520	-	4	19	K.SNVPALACPQKR.G	17
PHEAT-6814	proteomics_heat	3472485	3472520	-	4	8	K.SNVPALACPQK.R	16
PHEAT-6815	proteomics_heat	3472548	3472571	-	4	3	M.ATVNQLVR.K	12
PHEAT-6816	proteomics_heat	3472862	3472930	-	6	2	R.LLSEGDELLLLQDGVTAADVGNR.Y	27
PHEAT-6817	proteomics_heat	3473298	3473345	-	4	2	R.IAFVFSTAPHGTAAGR.E	20
PHEAT-6818	proteomics_heat	3473369	3473455	-	6	2	R.LGLASSNLQQGFTLSGLGALAEASLTCDR.V	33
PHEAT-6819	proteomics_heat	3473818	3473844	-	5	6	K.DAINQVADR.L	13
PHEAT-6820	proteomics_heat	3474169	3474210	-	5	7	R.MLHDMTGADSSVSK.C	18
PHEAT-6821	proteomics_heat	3474211	3474246	-	5	2	R.KIGSPITDLALR.M	16
PHEAT-6822	proteomics_heat	3474289	3474372	-	5	7	K.SYEAVVDGLAMLIGSHCEIVLHSLQDLK.C	32
PHEAT-6823	proteomics_heat	3474373	3474453	-	5	3	R.SLLTNETSELDLLDQRPFQDFDILK.S	31
PHEAT-6824	proteomics_heat	3474761	3474799	-	6	3	K.IKLVIPPELAYGK.A	17
PHEAT-6825	proteomics_heat	3474821	3474859	-	6	4	R.LDGVIPGWTEGLK.N	17
PHEAT-6826	proteomics_heat	3474881	3474925	-	6	3	K.GTLIDGKEFDNSYTR.G	19
PHEAT-6827	proteomics_heat	3474926	3474955	-	6	11	K.DSDTVVVNYK.G	14
PHEAT-6828	proteomics_heat	3474926	3475015	-	6	5	K.TSSTGLVYQVVEAGKGEAPKSDTVVVNYK.G	34
PHEAT-6829	proteomics_heat	3474956	3475015	-	6	3	K.TSSTGLVYQVVEAGKGEAPK.D	24
PHEAT-6830	proteomics_heat	3475118	3475165	-	6	10	K.LSDQEIEQTLQAFEAR.V	20
PHEAT-6831	proteomics_heat	3475172	3475213	-	6	3	K.DQLIAGVQDAFADK.S	18
PHEAT-6832	proteomics_heat	3475172	3475222	-	6	7	K.LDKDQLIAGVQDAFADK.S	21
PHEAT-6833	proteomics_heat	3475172	3475234	-	6	3	K.LGIKLDKDKQLIAGVQDAFADK.S	25
PHEAT-6834	proteomics_heat	3475235	3475267	-	6	5	R.YMENSLSKEQEK.L	15
PHEAT-6835	proteomics_heat	3475268	3475300	-	6	4	K.SAYALGASLGR.Y	15
PHEAT-6836	proteomics_heat	3475301	3475327	-	6	2	K.AAFKNDDQK.S	13

PHEAT-6837	proteomics_heat	3476100	3476126	-	4	9	K.FNVEVVAIR.E	13
PHEAT-6838	proteomics_heat	3476127	3476234	-	4	2	R.FLAETDQGPVPEITAVEDDHVVVDGNHMLAGQNLK.F	40
PHEAT-6839	proteomics_heat	3476235	3476276	-	4	7	K.DVFMGVDELQVGM.R.F	18
PHEAT-6840	proteomics_heat	3483478	3483507	-	5	2	K.YCSVALMLEK.A	14
PHEAT-6841	proteomics_heat	3483508	3483531	-	5	2	R.AVDLSAEK.Y	12
PHEAT-6842	proteomics_heat	3483634	3483666	-	5	7	K.GRQDVVDCEVK.L	15
PHEAT-6843	proteomics_heat	3487018	3487071	-	5	11	R.FAPSLVEDADIDEQM.R.F	22
PHEAT-6844	proteomics_heat	3487072	3487137	-	5	3	R.DFLYAGAEAGVMVLNAGPDV.M.R.F	26
PHEAT-6845	proteomics_heat	3487150	3487194	-	5	19	R.GMGLLIGAELKPQYK.G	19
PHEAT-6846	proteomics_heat	3487195	3487230	-	5	4	K.IDQQYDVFS.DIR.G	16
PHEAT-6847	proteomics_heat	3487231	3487251	-	5	2	R.FVDHLQK.I	11
PHEAT-6848	proteomics_heat	3487438	3487500	-	5	16	R.TGDLFAYMHYGVTPDIL.TSAK.A	25
PHEAT-6849	proteomics_heat	3487501	3487563	-	5	18	R.ELCDQHQALLVFDEVQCGMGR.T	25
PHEAT-6850	proteomics_heat	3487564	3487662	-	5	7	K.AVMDDHTCAVVVEPIQGE.GGVTAATPEFLQGLR.E	37
PHEAT-6851	proteomics_heat	3487663	3487710	-	5	5	K.PADIIHV.PFNDLHAVK.A	20
PHEAT-6852	proteomics_heat	3487663	3487734	-	5	13	K.YSDGFGPKPADIIHV.PFNDLHAVK.A	28
PHEAT-6853	proteomics_heat	3487711	3487734	-	5	2	K.YSDGFGPK.P	12
PHEAT-6854	proteomics_heat	3487735	3487770	-	5	8	R.SLFTVSVGGQPK.Y	16
PHEAT-6855	proteomics_heat	3487852	3487899	-	5	6	R.VVMNSGTEANETAFK.L	20
PHEAT-6856	proteomics_heat	3487900	3487929	-	5	7	R.KLIEATFAER.V	14
PHEAT-6857	proteomics_heat	3487939	3487998	-	5	17	K.TQGETLWHISNVFTNEPALR.L	24
PHEAT-6858	proteomics_heat	3487999	3488076	-	5	23	K.EYVDFAGGI.VTALGHCHPALVNALK.T	30
PHEAT-6859	proteomics_heat	3488077	3488097	-	5	2	R.IWDQQGK.E	11
PHEAT-6860	proteomics_heat	3488173	3488199	-	5	3	M.AIEQTAITR.A	13
PHEAT-6861	proteomics_heat	3488504	3488542	-	6	2	K.TSPITHNGEGVFR.G	17
PHEAT-6862	proteomics_heat	3489638	3489682	-	6	3	R.LYLWQMDTFREASSE.E	19
PHEAT-6863	proteomics_heat	3489759	3489836	-	4	8	K.ISQVPTH.DVGPYQNVPSKPVVILSAK.V	30
PHEAT-6864	proteomics_heat	3489759	3489857	-	4	2	K.GMDVADKISQVPTH.DVGPYQNVPSKPVVILSAK.V	37
PHEAT-6865	proteomics_heat	3489867	3489893	-	4	2	R.DFGYAVFGK.V	13
PHEAT-6866	proteomics_heat	3489894	3489971	-	4	21	R.TADKDSATSQFFINVADNAFLDHGQR.D	30
PHEAT-6867	proteomics_heat	3490002	3490046	-	4	5	K.KPNPPIKNEADNGLR.N	19
PHEAT-6868	proteomics_heat	3490047	3490103	-	4	8	R.VIPGFMIQGGGFTEQM.QQK.K	23
PHEAT-6869	proteomics_heat	3490104	3490175	-	4	17	K.APVSVQNFVDYVNSGFYNNTTFHR.V	28
PHEAT-6870	proteomics_heat	3490104	3490181	-	4	4	K.QKAPVSVQNFVDYVNSGFYNNTTFHR.V	30
PHEAT-6871	proteomics_heat	3490176	3490247	-	4	8	A.AKGDPHVLLTTSAGNIELELDKQK.A	28
PHEAT-6872	proteomics_heat	3510659	3510694	-	6	2	K.AVYE.AIGFVAKP.-	16
PHEAT-6873	proteomics_heat	3510740	3510778	-	6	11	R.FRND.EAFLQQVMK.D	17
PHEAT-6874	proteomics_heat	3510788	3510838	-	6	9	K.GEVADAVSGMLTELQER.Y	21
PHEAT-6875	proteomics_heat	3510788	3510856	-	6	12	K.MYGHLKGEVADAVSGMLTELQER.Y	27
PHEAT-6876	proteomics_heat	3510857	3510940	-	6	7	K.AGVS.NLLDILSAVTGQS.IPELEKQFEGK.M	32
PHEAT-6877	proteomics_heat	3510872	3510940	-	6	24	K.AGVS.NLLDILSAVTGQS.IPELEK.Q	27
PHEAT-6878	proteomics_heat	3510959	3510994	-	6	8	R.AVTDSDEPPVVR.Y	16
PHEAT-6879	proteomics_heat	3510959	3510997	-	6	2	K.RAVTDSDEPPVVR.Y	17
PHEAT-6880	proteomics_heat	3511019	3511051	-	6	2	R.NNVIGLLEDPK.S	15
PHEAT-6881	proteomics_heat	3511076	3511105	-	6	3	R.VMSLLEPTKK.M	14
PHEAT-6882	proteomics_heat	3511118	3511171	-	6	9	R.FNALYGEIFKVPEPFIPK.S	22

PHEAT-6883	proteomics_heat	3511142	3511171	-	6	5	R.FNALYGEIFK.V	14
PHEAT-6884	proteomics_heat	3511343	3511432	-	6	6	K.STIFVQSHVPEHAQLGWALNCYTYFGELSR.M	34
PHEAT-6885	proteomics_heat	3511433	3511486	-	6	6	K.ATLDTLALYLACGIDPEK.S	22
PHEAT-6886	proteomics_heat	3511433	3511489	-	6	17	R.KATLDTLALYLACGIDPEK.S	23
PHEAT-6887	proteomics_heat	3511511	3511582	-	6	7	R.QWVNMQDDYHCIYCIDVQHAITVR.Q	28
PHEAT-6888	proteomics_heat	3511583	3511657	-	6	15	M.TKPIVFSGAQPSGELTIGNYMGALR.Q	29
PHEAT-6889	proteomics_heat	3511830	3511874	-	4	3	R.MGIAPQQMLFVGDSR.N	19
PHEAT-6890	proteomics_heat	3511875	3511955	-	4	2	K.YFSVVIIGDDVQNKKPHPDPLLLVAER.M	31
PHEAT-6891	proteomics_heat	3511956	3512033	-	4	8	K.GLPLGLVTNKPTPFVAPLLEALDIAK.Y	30
PHEAT-6892	proteomics_heat	3512034	3512111	-	4	12	R.YYGEVAEEGTFLFPHVADTLGALQAK.G	30
PHEAT-6893	proteomics_heat	3512136	3512189	-	4	2	K.TMGKPPVDDDIPAEEQVR.I	22
PHEAT-6894	proteomics_heat	3512136	3512192	-	4	2	R.KTMGKPPVDDDIPAEEQVR.I	23
PHEAT-6895	proteomics_heat	3512434	3512454	-	5	2	K.KVIDEMR.S	11
PHEAT-6896	proteomics_heat	3512452	3512538	-	5	22	K.VNNIGEIAAAGADMFVAGSAIFDQPDYKK.V	33
PHEAT-6897	proteomics_heat	3512455	3512538	-	5	10	K.VNNIGEIAAAGADMFVAGSAIFDQPDYK.K	32
PHEAT-6898	proteomics_heat	3512539	3512562	-	5	2	R.LEVDGGVK.V	12
PHEAT-6899	proteomics_heat	3512563	3512592	-	5	3	R.RIDESGFDIR.L	14
PHEAT-6900	proteomics_heat	3512611	3512667	-	5	3	L.MSVNPGFGGQSFIPQTLDK.L	23
PHEAT-6901	proteomics_heat	3512854	3512910	-	5	4	R.NYGITAPIDVHLMVKPVDR.I	23
PHEAT-6902	proteomics_heat	3512920	3513009	-	5	11	K.ALAAGADVHFDVMDNHYVPNLTIGPMVLK.S	34
PHEAT-6903	proteomics_heat	3513031	3513075	-	5	4	K.QYLIAPSILSADFAR.L	19
PHEAT-6904	proteomics_heat	3513031	3513081	-	5	3	R.MKQYLIAPSILSADFAR.L	21
PHEAT-6905	proteomics_heat	3513234	3513278	-	4	2	R.HIPVLISNHDTMLTR.E	19
PHEAT-6906	proteomics_heat	3513735	3513788	-	4	5	R.YILADINSDLISLYNIVK.M	22
PHEAT-6907	proteomics_heat	3514090	3514128	-	5	3	K.KAVSTLPADVQAK.N	17
PHEAT-6908	proteomics_heat	3514141	3514188	-	5	2	R.NGQPWYVLVSGVYASK.E	20
PHEAT-6909	proteomics_heat	3514231	3514305	-	5	3	K.SAPSSHYTLQLSSSSNYDNLNGWAK.K	29
PHEAT-6910	proteomics_heat	3514333	3514407	-	5	21	K.ETATTAPVQTASPAQTATPAAGAK.T	29
PHEAT-6911	proteomics_heat	3514441	3514476	-	5	9	K.RTEPAAPVASTK.A	16
PHEAT-6912	proteomics_heat	3514627	3514746	-	5	8	R.VEVQGLNNAITQPQNQQQLNNVAVNSTLPTEPATVAPVR.N	44
PHEAT-6913	proteomics_heat	3515275	3515328	-	5	3	-.MDEFKPEDELKPDPSDRR.T	22
PHEAT-6914	proteomics_heat	3515423	3515476	-	6	5	R.SGVSHLVNNAIADCQSA.-	22
PHEAT-6915	proteomics_heat	3515546	3515584	-	6	4	R.EMSAQAYLPHMLR.D	17
PHEAT-6916	proteomics_heat	3516056	3516082	-	6	9	K.TAVNHPLGK.N	13
PHEAT-6917	proteomics_heat	3516083	3516139	-	6	6	R.FIQVPTLLSQVDSSVGGK.T	23
PHEAT-6918	proteomics_heat	3516149	3516223	-	6	11	R.DTTLVALGGGVVGDLTGFAAASYQR.G	29
PHEAT-6919	proteomics_heat	3516224	3516280	-	6	14	K.SLAVLDTVFTALLQKPHGR.D	23
PHEAT-6920	proteomics_heat	3516281	3516346	-	6	2	R.GVLEQAGVNVDSVILPDGEQYK.S	26
PHEAT-6921	proteomics_heat	3516413	3516475	-	6	9	R.SYPITIASGLFNEPASFLPK.S	25
PHEAT-6922	proteomics_heat	3516568	3516606	-	5	5	K.VVANQIIHMLESN.-	17
PHEAT-6923	proteomics_heat	3516628	3516696	-	5	19	R.EVLEALANERNPLYEEIADVTR.T	27
PHEAT-6924	proteomics_heat	3516667	3516696	-	5	2	R.EVLEALANER.N	14
PHEAT-6925	proteomics_heat	3516829	3516867	-	5	4	K.QGIVLATGGGSVK.S	17
PHEAT-6926	proteomics_heat	3516868	3516891	-	5	4	K.VINELTEK.Q	12
PHEAT-6927	proteomics_heat	3516907	3516960	-	5	28	R.TGADVGVVFDLEGEEGFR.D	22
PHEAT-6928	proteomics_heat	3516961	3517020	-	5	4	R.QLAQQLNMEFYDSDQEIEKR.T	24

PHEAT-6929	proteomics_heat	3517036	3517071	-	5	4	R.NIFLVGPMGAGK.S	16
PHEAT-6930	proteomics_heat	3523725	3523802	-	4	2	K.MNIVVAQDLYPESLEGDEPEPLQVR.W	30
PHEAT-6931	proteomics_heat	3523839	3523889	-	4	3	R.ELKEEVGFGANDLTLFLK.K	21
PHEAT-6932	proteomics_heat	3523890	3523934	-	4	2	K.GLIDPGESVYEAANR.E	19
PHEAT-6933	proteomics_heat	3523980	3524030	-	4	2	R.EAVMIVPIVDDHLILIR.E	21
PHEAT-6934	proteomics_heat	3524118	3524162	-	4	2	K.SLQKPTILNVETVAR.S	19
PHEAT-6935	proteomics_heat	3532661	3532741	-	6	27	R.KHLFQPFVRGDSARTISGTGLGLAIVQ.R	31
PHEAT-6936	proteomics_heat	3533522	3533590	-	6	2	R.WAQHYEFLSHQMAQQLGGPTEVR.V	27
PHEAT-6937	proteomics_heat	3534097	3534156	-	5	4	R.EMFREDEPMPLTSGEFAVLK.A	24
PHEAT-6938	proteomics_heat	3534181	3534240	-	5	3	R.QANELPGAPSQEEAVIAFGK.F	24
PHEAT-6939	proteomics_heat	3534277	3534333	-	5	5	R.IVGGLEIGADDYIPKPFNPR.E	23
PHEAT-6940	proteomics_heat	3534403	3534468	-	5	2	R.ESFHLMVLDLMLPGEDGLSICR.R	26
PHEAT-6941	proteomics_heat	3534481	3534510	-	5	2	R.SVANAEQMDR.L	14
PHEAT-6942	proteomics_heat	3534511	3534540	-	5	3	R.YLTEQGFQVR.S	14
PHEAT-6943	proteomics_heat	3542642	3542704	-	6	2	R.GFGALSLADMAEAVLQQAPDK.A	25
PHEAT-6944	proteomics_heat	3546815	3546904	-	6	3	K.ASVGAPPDILGPLGQNWGLPPMDPHIITAR.A	34
PHEAT-6945	proteomics_heat	3548237	3548296	-	6	4	K.QGGDPYLVMDFAAYVEAQK.Q	24
PHEAT-6946	proteomics_heat	3548297	3548350	-	6	5	K.YSDGDKHAFDQMLHSIGK.Q	22
PHEAT-6947	proteomics_heat	3548297	3548368	-	6	2	K.ELESGKYSDDGDKHAFDQMLHSIGK.Q	28
PHEAT-6948	proteomics_heat	3548441	3548491	-	6	6	K.VGEEENIFIFGHTVEQVK.A	21
PHEAT-6949	proteomics_heat	3548492	3548557	-	6	3	K.LALNGALTVGTLGDGANVEIAEK.V	26
PHEAT-6950	proteomics_heat	3548585	3548632	-	6	2	K.LIPAADISEQISTAGK.E	20
PHEAT-6951	proteomics_heat	3548675	3548722	-	6	3	K.VADVINDPLVGDK.L	20
PHEAT-6952	proteomics_heat	3548681	3548722	-	6	2	K.VADVINDPLVGDK.L	18
PHEAT-6953	proteomics_heat	3548894	3548941	-	6	3	R.TGIEINPQAIQDIQIK.R	20
PHEAT-6954	proteomics_heat	3549029	3549070	-	6	2	K.EWANDLDQLINLEK.F	18
PHEAT-6955	proteomics_heat	3549131	3549202	-	6	5	K.DLFPEYHQLWPNKFHNVTNGITPR.R	28
PHEAT-6956	proteomics_heat	3549362	3549394	-	6	7	R.HMQIINEINTR.F	15
PHEAT-6957	proteomics_heat	3549431	3549478	-	6	4	K.TFAYTNHTLMPEALER.W	20
PHEAT-6958	proteomics_heat	3549536	3549613	-	6	6	K.LHELADYEVIQLNDTHPTIAPELLR.V	30
PHEAT-6959	proteomics_heat	3549536	3549616	-	6	15	R.KLHELADYEVIQLNDTHPTIAPELLR.V	31
PHEAT-6960	proteomics_heat	3549563	3549613	-	6	3	K.LHELADYEVIQLNDTHPTIAPELLR.V	21
PHEAT-6961	proteomics_heat	3549638	3549688	-	6	4	R.LMQQYFQCACSVADILR.R	21
PHEAT-6962	proteomics_heat	3549698	3549733	-	6	3	K.VLYPNDNHTAGK.K	16
PHEAT-6963	proteomics_heat	3549743	3549772	-	6	2	R.AEQQGINAEL.L	14
PHEAT-6964	proteomics_heat	3549797	3549838	-	6	2	R.LWQATHAHPFDLTK.F	18
PHEAT-6965	proteomics_heat	3549941	3549982	-	6	6	R.HNEALDVQVGIGGK.V	18
PHEAT-6966	proteomics_heat	3550142	3550216	-	6	3	K.AYDINLTDLLEEEIDPALGNGLGR.L	29
PHEAT-6967	proteomics_heat	3550217	3550276	-	6	9	R.LTGNNLLNLGWYQDVQDSLK.A	24
PHEAT-6968	proteomics_heat	3550316	3550351	-	6	2	R.AQPFAPVANQR.H	16
PHEAT-6969	proteomics_heat	3550397	3550432	-	6	2	R.YGLNSAAEMTPR.Q	16
PHEAT-6970	proteomics_heat	3551206	3551292	-	5	4	R.VPADIVFACRPLGNEGGLSVARRTRDQRQ.P	33
PHEAT-6971	proteomics_heat	3557999	3558028	-	6	2	R.HVMLVVDHDK.F	14
PHEAT-6972	proteomics_heat	3558137	3558187	-	6	4	R.DGGIIGEATLDFISQFR.L	21
PHEAT-6973	proteomics_heat	3558233	3558277	-	6	2	R.IVTNNLNVANLTMVK.E	19
PHEAT-6974	proteomics_heat	3558278	3558376	-	6	3	K.VAEQIPNGSTLFIDIGTTPPEAVAHALLNHSNLR.I	37

PHEAT-6975	proteomics_heat	3558278	3558379	-	6	2	R.KVAEQIPNGSTLFIDIGTTPEAVAHALLNHSNLR.I	38
PHEAT-6976	proteomics_heat	3558476	3558514	-	6	2	R.DLNELAEQNLILR.H	17
PHEAT-6977	proteomics_heat	3562322	3562381	-	6	2	R.DLVDSLINFGDHYQVLADYR.S	24
PHEAT-6978	proteomics_heat	3562619	3562735	-	6	2	K.VVFIPNYSVSLAQLIIPAADLSEQISLAGTEASGTSNMK.F	43
PHEAT-6979	proteomics_heat	3562742	3562774	-	6	3	K.VINNDPQIGDK.L	15
PHEAT-6980	proteomics_heat	3562775	3562807	-	6	2	K.HIIHLINDVAK.V	15
PHEAT-6981	proteomics_heat	3562901	3562933	-	6	2	R.QLMNVLVHIVR.Y	15
PHEAT-6982	proteomics_heat	3563045	3563122	-	6	4	R.TDLSLLNELQQHCDFPMVNHAVHQAK.L	30
PHEAT-6983	proteomics_heat	3563132	3563188	-	6	3	R.WLAVANPSLSAVLDEHLGR.N	23
PHEAT-6984	proteomics_heat	3563192	3563224	-	6	2	R.FTNVTNGVTPR.R	15
PHEAT-6985	proteomics_heat	3563378	3563422	-	6	2	K.TLQEYYPNDTDLLGR.A	19
PHEAT-6986	proteomics_heat	3563606	3563662	-	6	4	K.IAIHLNDTHPVLSSIPEMMR.L	23
PHEAT-6987	proteomics_heat	3563705	3563752	-	6	2	R.QEYFLVSSTIQDILSR.H	20
PHEAT-6988	proteomics_heat	3563705	3563758	-	6	7	R.LRQEYFLVSSTIQDILSR.H	22
PHEAT-6989	proteomics_heat	3564170	3564220	-	6	3	R.LAACFLDSLATLGLPGR.G	21
PHEAT-6990	proteomics_heat	3564551	3564601	-	6	2	M.NAPFTYSSPTLSVEALK.H	21
PHEAT-6991	proteomics_heat	3564893	3564931	-	6	2	R.FEPCGLTQLYGLK.Y	17
PHEAT-6992	proteomics_heat	3565223	3565255	-	6	3	R.DTLEDKAENKR.Q	15
PHEAT-6993	proteomics_heat	3565304	3565336	-	6	2	R.LSGVLNGVDEK.I	15
PHEAT-6994	proteomics_heat	3565352	3565405	-	6	5	R.EITEPQFAYGMEGLLQQR.H	22
PHEAT-6995	proteomics_heat	3565880	3565909	-	6	2	R.GVTDAQVVS.R	14
PHEAT-6996	proteomics_heat	3565880	3565912	-	6	4	R.RGVTDAQVVS.R	15
PHEAT-6997	proteomics_heat	3565943	3566011	-	6	3	K.TGGLADVIGALPAAQIADGVDAR.V	27
PHEAT-6998	proteomics_heat	3566012	3566056	-	6	8	I.MQVLHVCSEMFPLLK.T	19
PHEAT-6999	proteomics_heat	3566095	3566124	-	5	2	R.SEEGIVLVTR.E	14
PHEAT-7000	proteomics_heat	3566227	3566286	-	5	5	R.VNSFCNIDSAVLLPEVWVGR.S	24
PHEAT-7001	proteomics_heat	3566497	3566526	-	5	2	R.DVGTLEAYWK.A	14
PHEAT-7002	proteomics_heat	3566527	3566610	-	5	6	K.ITEAGLAYAHPFLSVCVQSDPAEPYWR.D	32
PHEAT-7003	proteomics_heat	3566875	3566898	-	5	4	R.MLIDHVEK.G	12
PHEAT-7004	proteomics_heat	3566914	3566961	-	5	11	R.YKAEYVVILAGDHIYK.Q	20
PHEAT-7005	proteomics_heat	3566965	3567006	-	5	3	R.GTADAVTQNLDIIR.R	18
PHEAT-7006	proteomics_heat	3566965	3567009	-	5	2	Y.RGTADAVTQNLDIIR.R	19
PHEAT-7007	proteomics_heat	3567031	3567093	-	5	5	R.GWSFFNEEMNEFVDLLPAQQR.M	25
PHEAT-7008	proteomics_heat	3567094	3567147	-	5	3	R.MGVITQYQSHTLVQHIQR.G	22
PHEAT-7009	proteomics_heat	3567151	3567195	-	5	2	R.IIDFALSNCINSRIR.R	19
PHEAT-7010	proteomics_heat	3567265	3567294	-	5	2	K.SVALILAGGR.G	14
PHEAT-7011	proteomics_heat	3568716	3568775	-	4	4	K.QLGITALELLPVAQFASEPR.L	24
PHEAT-7012	proteomics_heat	3569540	3569593	-	6	4	R.DKEGNEIIVASNFTPVPR.H	22
PHEAT-7013	proteomics_heat	3569618	3569683	-	6	2	K.AMHELDFFDYPGFVWLVVDDKER.S	26
PHEAT-7014	proteomics_heat	3569723	3569797	-	6	2	R.EWNHDASLDWHLLLEGGDNWHHGVQR.L	29
PHEAT-7015	proteomics_heat	3569834	3569872	-	6	2	R.AYYGWMWAFPGKK.L	17
PHEAT-7016	proteomics_heat	3570044	3570085	-	6	2	K.WNLGWMHDTLDYMK.L	18
PHEAT-7017	proteomics_heat	3570206	3570235	-	6	2	R.ENLEAIEFLR.N	14
PHEAT-7018	proteomics_heat	3570338	3570385	-	6	6	R.EVSNFLVGNALYWIER.F	20
PHEAT-7019	proteomics_heat	3570389	3570436	-	6	3	R.EGYHQDWNTLIYNYGR.R	20
PHEAT-7020	proteomics_heat	3570764	3570820	-	6	3	K.ANQFDAPISIEVHLGSR.R	23

PHEAT-7021	proteomics_heat	3570764	3570823	-	6	3	K.KANQFDAPISYEVHLSWR.R	24
PHEAT-7022	proteomics_heat	3570848	3570925	-	6	3	R.LKSDPYAFEAMRPTASLICGLPEK.V	30
PHEAT-7023	proteomics_heat	3570959	3571018	-	6	5	R.KESGIWELFIPGAHNGQLYK.Y	24
PHEAT-7024	proteomics_heat	3571040	3571081	-	6	3	R.RVSVVGGQFNWDGR.R	18
PHEAT-7025	proteomics_heat	3571370	3571414	-	6	4	R.ALLPDATDVWVIEPK.T	19
PHEAT-7026	proteomics_heat	3571439	3571504	-	6	2	R.DVINALIAGHFADPFVSLGMHK.T	26
PHEAT-7027	proteomics_heat	3571819	3571899	-	5	51	K.LNMGPEFLSAFTVGDQLLWGAAEPLRR.M	31
PHEAT-7028	proteomics_heat	3571819	3571902	-	5	21	R.KLNMGPFLSAFTVGDQLLWGAAEPLRR.M	32
PHEAT-7029	proteomics_heat	3571822	3571875	-	5	2	L.SAFTVGDQLLWGAAEPLR.R	22
PHEAT-7030	proteomics_heat	3571822	3571899	-	5	103	K.LNMGPEFLSAFTVGDQLLWGAAEPLR.R	30
PHEAT-7031	proteomics_heat	3571822	3571902	-	5	2	R.KLNMGPFLSAFTVGDQLLWGAAEPLR.R	31
PHEAT-7032	proteomics_heat	3571909	3571959	-	5	28	R.ELTPAAVTGTLTTPVGR.L	21
PHEAT-7033	proteomics_heat	3571993	3572037	-	5	3	I.PTVEELLAAHNPWAK.V	19
PHEAT-7034	proteomics_heat	3571993	3572049	-	5	30	K.DVSIPTVEELLAAHNPWAK.V	23
PHEAT-7035	proteomics_heat	3572059	3572085	-	5	3	R.CHSQAFTIK.L	13
PHEAT-7036	proteomics_heat	3572101	3572148	-	5	13	K.ILNTSSVIPVDGLCVR.V	20
PHEAT-7037	proteomics_heat	3572149	3572181	-	5	8	R.EEWKQGAETNK.I	15
PHEAT-7038	proteomics_heat	3572170	3572205	-	5	2	K.QLDNGQSREEWK.G	16
PHEAT-7039	proteomics_heat	3572206	3572274	-	5	20	R.SGELPVDNFGVPLAGSLIPWIDK.Q	27
PHEAT-7040	proteomics_heat	3572293	3572382	-	5	12	R.ELLTQMGHLYGHVADELATPSSAILDIERK.V	34
PHEAT-7041	proteomics_heat	3572296	3572346	-	5	3	H.VADELATPSSAILDIER.K	21
PHEAT-7042	proteomics_heat	3572296	3572358	-	5	5	H.LYGHVADELATPSSAILDIER.K	25
PHEAT-7043	proteomics_heat	3572296	3572382	-	5	133	R.ELLTQMGHLYGHVADELATPSSAILDIER.K	33
PHEAT-7044	proteomics_heat	3572392	3572475	-	5	8	M.SLGGFLFANDLVDWVSVATYQAASGGGAR.H	32
PHEAT-7045	proteomics_heat	3572518	3572565	-	5	8	D.PVNQDVITDGLNNGIR.T	20
PHEAT-7046	proteomics_heat	3572518	3572589	-	5	9	K.DDAIILDPVNQDVITDGLNNGIR.T	28
PHEAT-7047	proteomics_heat	3572518	3572595	-	5	50	R.MKDDAIILDPVNQDVITDGLNNGIR.T	30
PHEAT-7048	proteomics_heat	3572596	3572643	-	5	67	R.ESGWQGYWIDAASSLR.M	20
PHEAT-7049	proteomics_heat	3572596	3572649	-	5	4	K.LRESGWQGYWIDAASSLR.M	22
PHEAT-7050	proteomics_heat	3572650	3572709	-	5	21	K.ALDIIVTCQGGDYTNEIYPK.L	24
PHEAT-7051	proteomics_heat	3572710	3572769	-	5	10	A.PSFGGTTGTLQDAFDLEALK.A	24
PHEAT-7052	proteomics_heat	3572710	3572772	-	5	2	A.APSFGGTTGTLQDAFDLEALK.A	25
PHEAT-7053	proteomics_heat	3572710	3572796	-	5	4	F.STSQLGQAAPPSFGGTTGTLQDAFDLEALK.A	33
PHEAT-7054	proteomics_heat	3572710	3572808	-	5	2	R.PVFFSTSQLGQAAPPSFGGTTGTLQDAFDLEALK.A	37
PHEAT-7055	proteomics_heat	3572710	3572826	-	5	83	R.DFDAIRPVFFSTSQLGQAAPPSFGGTTGTLQDAFDLEALK.A	43
PHEAT-7056	proteomics_heat	3572776	3572826	-	5	3	R.DFDAIRPVFFSTSQLGQ.A	21
PHEAT-7057	proteomics_heat	3572797	3572826	-	5	5	R.DFDAIRPVFF.S	14
PHEAT-7058	proteomics_heat	3572842	3572871	-	5	5	R.GMVGSVLMQR.M	14
PHEAT-7059	proteomics_heat	3575481	3575552	-	4	3	K.SAVASEVAHQLHAAFLDGDGFLHPR.R	28
PHEAT-7060	proteomics_heat	3576501	3576557	-	4	4	R.AIGVLLPSLTNQVFAEVL.R	23
PHEAT-7061	proteomics_heat	3576558	3576632	-	4	2	K.IAAALDELGYIPNRAPDILSNATSR.A	29
PHEAT-7062	proteomics_heat	3577246	3577269	-	5	2	R.RFDAVQGK.Q	12
PHEAT-7063	proteomics_heat	3577875	3577928	-	4	5	R.VYDALYQTITHGAPNYVK.E	22
PHEAT-7064	proteomics_heat	3577965	3578054	-	4	2	K.ANIMPGEPGAADDSVGVLEYVNDGVTVR.E	34
PHEAT-7065	proteomics_heat	3578169	3578219	-	4	2	K.ANPDDTFEAQLFYGDLK.A	21
PHEAT-7066	proteomics_heat	3578511	3578558	-	4	5	K.NVLVEKPFPTLAQAK.E	20

PHEAT-7067	proteomics_heat	3589227	3589274	-	4	2	R.EQGFYEKNPGADTATR.Q	20
PHEAT-7068	proteomics_heat	3589320	3589370	-	4	2	K.FLDFLAKPENAAEWHQK.T	21
PHEAT-7069	proteomics_heat	3589893	3589952	-	4	5	K.TGHLLSQPFNSSTPVLYYNK.D	24
PHEAT-7070	proteomics_heat	3589953	3590021	-	4	2	K.EAGIQFDESQFVPTVSGYYSK.T	27
PHEAT-7071	proteomics_heat	3590232	3590279	-	4	2	A.VTTIPFWHSMEGELGK.E	20
PHEAT-7072	proteomics_heat	3590768	3590842	-	6	7	R.GYVLENGHVVLSDTGDALLANEAVR.S	29
PHEAT-7073	proteomics_heat	3591083	3591112	-	6	4	R.IKWVYELFPR.L	14
PHEAT-7074	proteomics_heat	3591194	3591223	-	6	4	R.EAVAIVPEGR.R	14
PHEAT-7075	proteomics_heat	3591233	3591277	-	6	3	R.IVFDDKDITDWQTAK.I	19
PHEAT-7076	proteomics_heat	3591293	3591328	-	6	2	K.TTLLGTLCGDPR.A	16
PHEAT-7077	proteomics_heat	3591329	3591409	-	6	9	K.IQALHEVSLHINQGEIVTLIGANGAGK.T	31
PHEAT-7078	proteomics_heat	3591504	3591560	-	4	5	R.IYVVNQGTPLANGTPEQIR.N	23
PHEAT-7079	proteomics_heat	3591669	3591731	-	4	3	R.CMVTQPEILMLDEPAAGLNPK.E	25
PHEAT-7080	proteomics_heat	3591750	3591782	-	4	2	R.QASNLAYGQQR.R	15
PHEAT-7081	proteomics_heat	3591783	3591809	-	4	5	R.IGLLEHANR.Q	13
PHEAT-7082	proteomics_heat	3591900	3591950	-	4	4	R.EMTVIENLLVAQHQLK.T	21
PHEAT-7083	proteomics_heat	3591993	3592034	-	4	6	R.DQHLEGLPGQQIAR.M	18
PHEAT-7084	proteomics_heat	3592035	3592097	-	4	3	K.TTVFNCLTGFYKPTGGTILLR.D	25
PHEAT-7085	proteomics_heat	3592098	3592187	-	4	13	R.FGGLLAVNNVNLELYPQEIVSLIGPNGAGK.T	34
PHEAT-7086	proteomics_heat	3592188	3592226	-	4	2	M.SQPLLSVNGLMR.F	17
PHEAT-7087	proteomics_heat	3592598	3592636	-	6	3	R.AWEALREDEIACR.S	17
PHEAT-7088	proteomics_heat	3594477	3594533	-	4	23	K.GDFGVFQWHADGSSTA.K.-	23
PHEAT-7089	proteomics_heat	3594534	3594593	-	4	7	K.ANGANTVIGPLNWDEKGLK.G	24
PHEAT-7090	proteomics_heat	3594546	3594593	-	4	4	K.ANGANTVIGPLNWDEK.G	20
PHEAT-7091	proteomics_heat	3594603	3594635	-	4	2	R.TGSDEPLALVK.D	15
PHEAT-7092	proteomics_heat	3594636	3594671	-	4	2	Y.AAVQSLATALER.T	16
PHEAT-7093	proteomics_heat	3594636	3594704	-	4	86	K.DPSGPYVWITYAAVQSLATALER.T	27
PHEAT-7094	proteomics_heat	3594636	3594707	-	4	26	K.KDPSGPYVWITYAAVQSLATALER.T	28
PHEAT-7095	proteomics_heat	3594636	3594716	-	4	51	K.ADKKDPSPYVWITYAAVQSLATALER.T	31
PHEAT-7096	proteomics_heat	3594705	3594764	-	4	8	K.RYDQDPANQGIVDALKADK.D	24
PHEAT-7097	proteomics_heat	3594708	3594764	-	4	2	K.RYDQDPANQGIVDALKADK.K	23
PHEAT-7098	proteomics_heat	3594717	3594761	-	4	3	R.YDQDPANQGIVDALK.A	19
PHEAT-7099	proteomics_heat	3594717	3594764	-	4	9	K.RYDQDPANQGIVDALK.A	20
PHEAT-7100	proteomics_heat	3594765	3594857	-	4	20	K.TQFMGPEGVGNASLSNIAGDAAEGMLVTMPK.R	35
PHEAT-7101	proteomics_heat	3594882	3594941	-	4	8	K.ENIDFVYGGYYPENGQMLR.Q	24
PHEAT-7102	proteomics_heat	3594882	3594950	-	4	3	R.LKKENIDFVYGGYYPENGQMLR.Q	27
PHEAT-7103	proteomics_heat	3594951	3594974	-	4	2	K.DFSALIAR.L	12
PHEAT-7104	proteomics_heat	3594951	3595025	-	4	63	K.AANANVFFDGITAGEKDFSALIAR.L	29
PHEAT-7105	proteomics_heat	3594975	3595025	-	4	6	K.AANANVFFDGITAGEK.D	21
PHEAT-7106	proteomics_heat	3595047	3595094	-	4	5	R.IAIIHDKQQYGEGLAR.S	20
PHEAT-7107	proteomics_heat	3595095	3595124	-	4	8	K.YILETVKQR.I	14
PHEAT-7108	proteomics_heat	3595125	3595166	-	4	14	R.TAGLDSSQGPTAAK.Y	18
PHEAT-7109	proteomics_heat	3595188	3595301	-	4	5	K.YVIGHLCSSSTQPASDIYEDEGILMISPGATNPELTQR.G	42
PHEAT-7110	proteomics_heat	3595347	3595370	-	4	9	E.YDDACDPK.Q	12
PHEAT-7111	proteomics_heat	3595347	3595370	-	4	9	E.YDDACDPK.Q	12
PHEAT-7112	proteomics_heat	3595347	3595385	-	4	14	K.LVGVEYDDACDPK.Q	17

PHEAT-7113	proteomics_heat	3595347	3595394	-	4	2	K.GDKLVGVEYDDACDPK.Q	20
PHEAT-7114	proteomics_heat	3595347	3595406	-	4	3	K.GGIKGDKLVGVEYDDACDPK.Q	24
PHEAT-7115	proteomics_heat	3595407	3595433	-	4	3	R.QAIKDINAK.G	13
PHEAT-7116	proteomics_heat	3595434	3595502	-	4	12	K.VAVVGAMSGPIAQWGDMEFNGAR.Q	27
PHEAT-7117	proteomics_heat	3595434	3595535	-	4	2	A.ISHTAMADDIKVAVVGAMSGPIAQWGDMEFNGAR.Q	38
PHEAT-7118	proteomics_heat	3596581	3596637	-	5	63	K.GFEFGVFDWHANGTATDAK.-	23
PHEAT-7119	proteomics_heat	3596638	3596697	-	5	7	K.ANSVDTVMGPLTWDEKGD.LK.G	24
PHEAT-7120	proteomics_heat	3596650	3596697	-	5	18	K.ANSVDTVMGPLTWDEK.G	20
PHEAT-7121	proteomics_heat	3596707	3596769	-	5	7	Y.AALQSLQAGLNQSDDPAEIAK.Y	25
PHEAT-7122	proteomics_heat	3596707	3596805	-	5	16	K.QDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	37
PHEAT-7123	proteomics_heat	3596707	3596808	-	5	183	K.KQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	38
PHEAT-7124	proteomics_heat	3596707	3596814	-	5	2	K.AKKQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	40
PHEAT-7125	proteomics_heat	3596770	3596808	-	5	2	K.KQDPSGAFVWTTY.A	17
PHEAT-7126	proteomics_heat	3596815	3596862	-	5	14	K.NYDQVPANKPIVDAIK.A	20
PHEAT-7127	proteomics_heat	3596863	3596946	-	5	3	F.MGPEGVANVLSNIAGESAEGLLVTKPK.N	32
PHEAT-7128	proteomics_heat	3596863	3596955	-	5	243	K.TQFMGPEGVANVLSNIAGESAEGLLVTKPK.N	35
PHEAT-7129	proteomics_heat	3596980	3597039	-	5	17	K.ENIDFVYGGYHPEMGQILR.Q	24
PHEAT-7130	proteomics_heat	3596980	3597042	-	5	8	K.KENIDFVYGGYHPEMGQILR.Q	25
PHEAT-7131	proteomics_heat	3596980	3597048	-	5	2	R.LKKENIDFVYGGYHPEMGQILR.Q	27
PHEAT-7132	proteomics_heat	3597049	3597072	-	5	6	K.DFSTLVAR.L	12
PHEAT-7133	proteomics_heat	3597049	3597120	-	5	48	K.GNANVFFDGTAGEKDFSTLVAR.L	28
PHEAT-7134	proteomics_heat	3597049	3597123	-	5	64	K.KGNANVFFDGTAGEKDFSTLVAR.L	29
PHEAT-7135	proteomics_heat	3597073	3597120	-	5	2	K.GNANVFFDGTAGEK.D	20
PHEAT-7136	proteomics_heat	3597073	3597123	-	5	27	K.KGNANVFFDGTAGEK.D	21
PHEAT-7137	proteomics_heat	3597145	3597192	-	5	11	R.IAIVHDKQQYGEGLAR.A	20
PHEAT-7138	proteomics_heat	3597223	3597264	-	5	34	R.TTGLDSDQGPTAAK.Y	18
PHEAT-7139	proteomics_heat	3597265	3597285	-	5	3	R.GYQLILR.T	11
PHEAT-7140	proteomics_heat	3597286	3597384	-	5	6	H.LCSSSTQPASDIYEDEGILMITPAATAPELTAR.G	37
PHEAT-7141	proteomics_heat	3597286	3597399	-	5	21	K.YVIGHLCSSSTQPASDIYEDEGILMITPAATAPELTAR.G	42
PHEAT-7142	proteomics_heat	3597445	3597468	-	5	9	E.YDDACDPK.Q	12
PHEAT-7143	proteomics_heat	3597445	3597468	-	5	9	E.YDDACDPK.Q	12
PHEAT-7144	proteomics_heat	3597505	3597579	-	5	2	M.SGPVAQYGDQEFTGAEQAVADINAK.G	29
PHEAT-7145	proteomics_heat	3597505	3597591	-	5	3	V.VGAMSGPVAQYGDQEFTGAEQAVADINAK.G	33
PHEAT-7146	proteomics_heat	3597505	3597600	-	5	82	K.VAVVGAMSGPVAQYGDQEFTGAEQAVADINAK.G	36
PHEAT-7147	proteomics_heat	3598030	3598077	-	5	2	R.WLDEDNKSTLQELADR.Y	20
PHEAT-7148	proteomics_heat	3599573	3599650	-	6	7	R.NWSGFGGALDMLEENPLPAVAVVIPK.L	30
PHEAT-7149	proteomics_heat	3599907	3599996	-	4	4	R.EILAKTGKSQNQRFRQTGALCLPRTIAGSE.K	34
PHEAT-7150	proteomics_heat	3600105	3600152	-	4	4	R.MLTLSDGHLHGGVGHGHE.-	20
PHEAT-7151	proteomics_heat	3600237	3600320	-	4	6	R.AVVNKPAVLLADEPTGNLDDALSEGILR.L	32
PHEAT-7152	proteomics_heat	3600336	3600374	-	4	2	K.NFPQLSGGEQQR.V	17
PHEAT-7153	proteomics_heat	3600648	3600725	-	4	8	R.QALQGVTFHMQPGEMAFLTGHSAGK.S	30
PHEAT-7154	proteomics_heat	3600926	3600970	-	6	5	K.LFHEAVGLTGITLTK.L	19
PHEAT-7155	proteomics_heat	3600971	3601051	-	6	3	K.KLDVEAPHEVMLTIDASTGQNAVSAK.L	31
PHEAT-7156	proteomics_heat	3601151	3601228	-	6	6	R.NNIPVIAQHTGADSASVIFDAIQAQK.A	30
PHEAT-7157	proteomics_heat	3601229	3601267	-	6	2	R.AAAVEQLQVWGQR.N	17
PHEAT-7158	proteomics_heat	3601394	3601423	-	6	3	K.VDEPLNVEGK.A	14

PHEAT-7159	proteomics_heat	3601424	3601480	-	6	18	R.DAEALYGLLKEEMGEILAK.V	23
PHEAT-7160	proteomics_heat	3601493	3601528	-	6	4	R.KIITNLTEGASR.K	16
PHEAT-7161	proteomics_heat	3601529	3601600	-	6	2	K.IDDDLFEELQQLLIADVGVETTR.K	28
PHEAT-7162	proteomics_heat	3601529	3601603	-	6	5	K.KIDDDLFEELQQLLIADVGVETTR.K	29
PHEAT-7163	proteomics_heat	3601610	3601651	-	6	8	K.TKENLGSFISLFR.G	18
PHEAT-7164	proteomics_heat	3601940	3602017	-	6	10	K.AQPEAEVVAQPEPVVEETPEPVAIER.E	30
PHEAT-7165	proteomics_heat	3602018	3602128	-	6	4	K.ASEQAVEEQQAHTAEAEAFADVVVEVTEQVAESEK.A	41
PHEAT-7166	proteomics_heat	3603328	3603369	-	5	2	R.LDAQQYHALTVGDK.G	18
PHEAT-7167	proteomics_heat	3603511	3603543	-	5	2	K.ADNDMAPLQQK.L	15
PHEAT-7168	proteomics_heat	3606870	3606926	-	4	2	R.NMQPGETLLIADDPATTR.D	23
PHEAT-7169	proteomics_heat	3606966	3607016	-	4	3	M.TDLFSPDHTLDALGLR.C	21
PHEAT-7170	proteomics_heat	3626401	3626436	-	5	2	R.LFHIPEAEIPAR.V	16
PHEAT-7171	proteomics_heat	3626722	3626790	-	5	2	R.QAHQAVVIPPYQPENAEIAIEAR.D	27
PHEAT-7172	proteomics_heat	3627013	3627060	-	5	3	E.LLILDEPTTGVDPLSR.S	20
PHEAT-7173	proteomics_heat	3627013	3627096	-	5	3	K.LGLCCALIHDPPELLILDEPTTGVDPLSR.S	32
PHEAT-7174	proteomics_heat	3627612	3627641	-	4	2	K.TGLPGVAWVR.V	14
PHEAT-7175	proteomics_heat	3627642	3627683	-	4	2	R.IPELLQQHLEYVK.T	18
PHEAT-7176	proteomics_heat	3627738	3627788	-	4	4	R.IPATISFVASVAQFTPK.T	21
PHEAT-7177	proteomics_heat	3627837	3627911	-	4	6	R.VLNMVDLSDVYMTFFLPTEQAGTLK.L	29
PHEAT-7178	proteomics_heat	3627912	3627950	-	4	2	R.VAEPGEVLAAGGR.V	17
PHEAT-7179	proteomics_heat	3627972	3628013	-	4	2	R.IAADIDDSELKAPR.D	18
PHEAT-7180	proteomics_heat	3628251	3628277	-	4	3	R.AAQLSVNQR.Q	13
PHEAT-7181	proteomics_heat	3628434	3628454	-	4	2	R.IDTILVK.E	11
PHEAT-7182	proteomics_heat	3628467	3628499	-	4	2	R.IEATEVDIASK.I	15
PHEAT-7183	proteomics_heat	3634759	3634869	-	5	2	R.AGLVPFTLHKPLLEELQVLGVAVPSVITAENGTVFR.E	41
PHEAT-7184	proteomics_heat	3641166	3641216	-	4	7	R.GREPQLDAMLEHYGIK.-	21
PHEAT-7185	proteomics_heat	3641169	3641216	-	4	5	R.GREPQLDAMLEHYGIK.G	20
PHEAT-7186	proteomics_heat	3641259	3641297	-	4	2	R.ETGQSFLDNILSR.G	17
PHEAT-7187	proteomics_heat	3641460	3641489	-	4	3	K.ILETLAEIKK.L	14
PHEAT-7188	proteomics_heat	3641490	3641525	-	4	2	R.LHAEFRPDQGAK.I	16
PHEAT-7189	proteomics_heat	3641526	3641555	-	4	2	R.QLEFGLFDFR.L	14
PHEAT-7190	proteomics_heat	3641556	3641585	-	4	2	K.NYQAALFILR.Q	14
PHEAT-7191	proteomics_heat	3641841	3641909	-	4	2	K.ADGSLQKPVAYLTCNFRPVNGK.P	27
PHEAT-7192	proteomics_heat	3641871	3641912	-	4	2	R.KADGSLQKPVAYLT.C	18
PHEAT-7193	proteomics_heat	3642123	3642179	-	4	3	K.QHLYSISDEQLRPYFPENK.A	23
PHEAT-7194	proteomics_heat	3642186	3642242	-	4	2	K.AEFGVDELQPWDIAYYSEK.Q	23
PHEAT-7195	proteomics_heat	3642297	3642347	-	4	16	K.MAENPQQVLDFLDLAK.R	21
PHEAT-7196	proteomics_heat	3642363	3642407	-	4	17	R.HELAAQLLGFENYAFK.S	19
PHEAT-7197	proteomics_heat	3642408	3642434	-	4	2	K.VMEEILALR.H	13
PHEAT-7198	proteomics_heat	3642510	3642590	-	4	3	K.ELEGYLLTLDIPSYLPVMTYCDNQALR.E	31
PHEAT-7199	proteomics_heat	3642609	3642668	-	4	5	K.LVTDEAELAGMPESALAAK.A	24
PHEAT-7200	proteomics_heat	3642669	3642731	-	4	3	R.LSELGNQYSNNVLDATMGWTK.L	25
PHEAT-7201	proteomics_heat	3642732	3642752	-	4	2	R.YGEIATR.L	11
PHEAT-7202	proteomics_heat	3642744	3642824	-	4	2	K.KAVDNALRDFELSGIGLPKEKQQRIGE.I	31
PHEAT-7203	proteomics_heat	3642768	3642800	-	4	2	R.DFELSGIGLPK.E	15
PHEAT-7204	proteomics_heat	3642768	3642821	-	4	2	K.AVDNALRDFELSGIGLPK.E	22

PHEAT-7205	proteomics_heat	3642768	3642824	-	4	3	K.KAVDNALRDFELSGIGLPK.E	23
PHEAT-7206	proteomics_heat	3642801	3642824	-	4	2	K.KAVDNALR.D	12
PHEAT-7207	proteomics_heat	3642822	3642863	-	4	5	R.DGDHYATLNTAQKK.A	18
PHEAT-7208	proteomics_heat	3642825	3642863	-	4	2	R.DGDHYATLNTAQK.K	17
PHEAT-7209	proteomics_heat	3642825	3642872	-	4	4	R.DLRDGDHYATLNTAQK.K	20
PHEAT-7210	proteomics_heat	3642882	3642956	-	4	9	R.EAYEQLPLLSEYSTWVGQHEGLYK.A	29
PHEAT-7211	proteomics_heat	3642975	3643010	-	4	6	R.IFSPVSHLNSVK.N	16
PHEAT-7212	proteomics_heat	3643011	3643088	-	4	11	R.VVAQGAPYTWENLCQPLAEVDDVLGR.I	30
PHEAT-7213	proteomics_heat	3643122	3643157	-	4	7	K.ILPEHVVPVTK.A	16
PHEAT-7214	proteomics_heat	3643158	3643202	-	4	6	M.TNPLLPFELPPFSK.I	19
PHEAT-7215	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7216	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7217	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7218	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7219	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7220	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7221	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7222	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7223	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7224	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7225	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7226	proteomics_heat	3650829	3650858	-	4	2	R.HLLEQHQLAR.Q	14
PHEAT-7227	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7228	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7229	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7230	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7231	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7232	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7233	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7234	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7235	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7236	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7237	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7238	proteomics_heat	3651000	3651029	-	4	2	R.RPYPLETMLR.I	14
PHEAT-7239	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7240	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7241	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7242	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7243	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7244	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7245	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7246	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7247	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7248	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7249	proteomics_heat	3651045	3651104	-	4	5	R.MEQILPWQNMVEIEPFYPK.A	24
PHEAT-7250	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18

PHEAT-7251	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7252	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7253	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7254	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7255	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7256	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7257	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7258	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7259	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7260	proteomics_heat	3651141	3651182	-	4	5	M.SHQLTFADSEFSSK.R	18
PHEAT-7261	proteomics_heat	3654070	3654120	-	5	10	K.GGDTVTLNETDLTQIPK.V	21
PHEAT-7262	proteomics_heat	3654121	3654171	-	5	20	K.AMTPVAWWMLEETVYK.G	21
PHEAT-7263	proteomics_heat	3654172	3654210	-	5	14	K.DMTCQEFIDLNPK.A	17
PHEAT-7264	proteomics_heat	3654449	3654469	-	6	2	K.VKGEWDK.I	11
PHEAT-7265	proteomics_heat	3654491	3654574	-	6	69	K.DKPEDAVLDVQGIATVTPAIVQACTQDK.Q	32
PHEAT-7266	proteomics_heat	3654503	3654574	-	6	3	K.DKPEDAVLDVQGIATVTPAIVQAC.T	28
PHEAT-7267	proteomics_heat	3654575	3654670	-	6	20	K.KPVNSWTCEDFLAVDESFPQPTAVGFAEALNNK.D	36
PHEAT-7268	proteomics_heat	3654575	3654685	-	6	24	K.AADNKKPVNSWTCEDFLAVDESFPQPTAVGFAEALNNK.D	41
PHEAT-7269	proteomics_heat	3664212	3664244	-	4	4	K.LQGIAQQNSFK.H	15
PHEAT-7270	proteomics_heat	3664212	3664244	-	4	4	K.LQGIAQQNSFK.H	15
PHEAT-7271	proteomics_heat	3664278	3664322	-	4	2	R.GFEMDFAELLEDYK.A	19
PHEAT-7272	proteomics_heat	3664278	3664322	-	4	2	R.GFEMDFAELLEDYK.A	19
PHEAT-7273	proteomics_heat	3664278	3664325	-	4	18	R.RGFEMDFAELLEDYK.A	20
PHEAT-7274	proteomics_heat	3664278	3664325	-	4	18	R.RGFEMDFAELLEDYK.A	20
PHEAT-7275	proteomics_heat	3664338	3664397	-	4	10	R.GWQVPAFTLGGEATDIVVMR.I	24
PHEAT-7276	proteomics_heat	3664338	3664397	-	4	10	R.GWQVPAFTLGGEATDIVVMR.I	24
PHEAT-7277	proteomics_heat	3664410	3664454	-	4	2	K.DGEDPGYTLYDLSER.L	19
PHEAT-7278	proteomics_heat	3664410	3664454	-	4	2	K.DGEDPGYTLYDLSER.L	19
PHEAT-7279	proteomics_heat	3664410	3664460	-	4	5	K.LKDGEDPGYTLYDLSER.L	21
PHEAT-7280	proteomics_heat	3664410	3664460	-	4	5	K.LKDGEDPGYTLYDLSER.L	21
PHEAT-7281	proteomics_heat	3664461	3664526	-	4	5	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PHEAT-7282	proteomics_heat	3664461	3664526	-	4	5	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PHEAT-7283	proteomics_heat	3664527	3664580	-	4	12	K.VQNASYQVAAYLADEIAK.L	22
PHEAT-7284	proteomics_heat	3664527	3664580	-	4	12	K.VQNASYQVAAYLADEIAK.L	22
PHEAT-7285	proteomics_heat	3664605	3664646	-	4	4	R.PAGQVIAQYYEFLR.L	18
PHEAT-7286	proteomics_heat	3664605	3664646	-	4	4	R.PAGQVIAQYYEFLR.L	18
PHEAT-7287	proteomics_heat	3664917	3665024	-	4	2	R.MIEACDENTIGVVPTFGVITYTGNIEFPQPLHDALDK.F	40
PHEAT-7288	proteomics_heat	3664917	3665024	-	4	2	R.MIEACDENTIGVVPTFGVITYTGNIEFPQPLHDALDK.F	40
PHEAT-7289	proteomics_heat	3665070	3665090	-	4	3	R.YWDVELR.E	11
PHEAT-7290	proteomics_heat	3665070	3665090	-	4	3	R.YWDVELR.E	11
PHEAT-7291	proteomics_heat	3665100	3665144	-	4	2	D.KPNLVCGPVQICWHK.F	19
PHEAT-7292	proteomics_heat	3665100	3665144	-	4	2	D.KPNLVCGPVQICWHK.F	19
PHEAT-7293	proteomics_heat	3665100	3665171	-	4	9	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PHEAT-7294	proteomics_heat	3665100	3665171	-	4	9	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PHEAT-7295	proteomics_heat	3665190	3665261	-	4	2	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PHEAT-7296	proteomics_heat	3665190	3665261	-	4	2	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28

PHEAT-7297	proteomics_heat	3665262	3665306	-	4	4	R.CVNMVADLWHAPAPK.N	19
PHEAT-7298	proteomics_heat	3665262	3665306	-	4	4	R.CVNMVADLWHAPAPK.N	19
PHEAT-7299	proteomics_heat	3665307	3665357	-	4	4	K.NWIDKEEYPQSAIDL.R.C	21
PHEAT-7300	proteomics_heat	3665307	3665357	-	4	4	K.NWIDKEEYPQSAIDL.R.C	21
PHEAT-7301	proteomics_heat	3665433	3665489	-	4	3	R.DDVAFQIINDELYLDGNAR.Q	23
PHEAT-7302	proteomics_heat	3665433	3665489	-	4	3	R.DDVAFQIINDELYLDGNAR.Q	23
PHEAT-7303	proteomics_heat	3667065	3667106	-	4	2	K.QADVQASAVSENNK.V	18
PHEAT-7304	proteomics_heat	3678896	3678964	-	6	2	R.AQCAINIESPNDKLNLSNLNLVAR.E	27
PHEAT-7305	proteomics_heat	3679352	3679420	-	6	4	R.LKGSTLLGHDPADPLKQPVEAEK.I	27
PHEAT-7306	proteomics_heat	3699890	3699949	-	6	2	K.DYGGQLVACFAVDQDENPQR.-	24
PHEAT-7307	proteomics_heat	3699998	3700057	-	6	2	K.LSGELPSPLNPPPGCAFNR.C	24
PHEAT-7308	proteomics_heat	3700091	3700129	-	6	7	R.HPYTQALLSATPR.L	17
PHEAT-7309	proteomics_heat	3700130	3700162	-	6	2	K.GTKDQIFNNPR.H	15
PHEAT-7310	proteomics_heat	3700301	3700369	-	6	4	R.GLMLDPDVVIADPEVVSALDVSVR.A	27
PHEAT-7311	proteomics_heat	3700301	3700402	-	6	2	S.GGQRQRIAIARGLMLDPDVVIADPEVVSALDVSVR.A	38
PHEAT-7312	proteomics_heat	3700547	3700591	-	6	4	K.IQIVFQNPYGSLNPR.K	19
PHEAT-7313	proteomics_heat	3700709	3700744	-	6	2	K.TLAVVGESGCGK.S	16
PHEAT-7314	proteomics_heat	3700939	3700977	-	5	2	R.AEEPALNMLADGR.Q	17
PHEAT-7315	proteomics_heat	3700939	3700983	-	5	2	R.CRAEEPALNMLADGR.Q	19
PHEAT-7316	proteomics_heat	3701005	3701040	-	5	3	K.YDRPNGCLLNPR.C	16
PHEAT-7317	proteomics_heat	3701074	3701106	-	5	2	R.ALPEFAQDKER.L	15
PHEAT-7318	proteomics_heat	3701389	3701433	-	5	3	R.LDVYPHQLSGGMSQR.V	19
PHEAT-7319	proteomics_heat	3701434	3701481	-	5	3	R.AIDLLNQVGIPDPASR.L	20
PHEAT-7320	proteomics_heat	3701734	3701778	-	5	2	K.QGEVVGIVGESGSGK.S	19
PHEAT-7321	proteomics_heat	3702194	3702214	-	6	2	R.DYVTASR.V	11
PHEAT-7322	proteomics_heat	3704151	3704177	-	4	7	K.GYVVDPLGK.H	13
PHEAT-7323	proteomics_heat	3704187	3704264	-	4	33	K.QAQVVMHDQAPALIAHSTVFEPVRK.E	30
PHEAT-7324	proteomics_heat	3704190	3704264	-	4	12	K.QAQVVMHDQAPALIAHSTVFEPVRK	29
PHEAT-7325	proteomics_heat	3704214	3704264	-	4	2	K.QAQVVMHDQAPALIAH.S	21
PHEAT-7326	proteomics_heat	3704304	3704345	-	4	13	K.WCYKPFEDLIQPAR.A	18
PHEAT-7327	proteomics_heat	3704346	3704438	-	4	2	M.MGWTGDNGDPDNFFATLFSCAASEQGSNYSK.W	35
PHEAT-7328	proteomics_heat	3704469	3704504	-	4	7	K.IVTYEWGEYLK.R.A	16
PHEAT-7329	proteomics_heat	3704472	3704504	-	4	3	K.IVTYEWGEYLK.R	15
PHEAT-7330	proteomics_heat	3704523	3704555	-	4	8	R.MAEMIQADWAK.V	15
PHEAT-7331	proteomics_heat	3704523	3704558	-	4	4	R.RMAEMIQADWAK.V	16
PHEAT-7332	proteomics_heat	3704559	3704618	-	4	3	K.GFSIDLWAMPVQRPYNPNAR.R	24
PHEAT-7333	proteomics_heat	3704655	3704684	-	4	2	D.VQDYTYDPEK.A	14
PHEAT-7334	proteomics_heat	3704655	3704723	-	4	4	K.NLIPPTMWGYNDVQDYTYDPEK.A	27
PHEAT-7335	proteomics_heat	3704724	3704756	-	4	8	K.AVYQGAGVSAK.N	15
PHEAT-7336	proteomics_heat	3704757	3704798	-	4	2	R.QALTYAVNKDAI.K.A	18
PHEAT-7337	proteomics_heat	3704772	3704798	-	4	3	R.QALTYAVNK.D	13
PHEAT-7338	proteomics_heat	3704805	3704825	-	4	5	K.KPLDDVK.V	11
PHEAT-7339	proteomics_heat	3704826	3704888	-	4	16	K.SINLMEMPGLNVGYLSYNVQK.K	25
PHEAT-7340	proteomics_heat	3704904	3704951	-	4	7	K.NECQVMPYPNPADIAR.M	20
PHEAT-7341	proteomics_heat	3704904	3704960	-	4	2	K.LQKNECQVMPYPNPADIAR.M	23
PHEAT-7342	proteomics_heat	3704970	3705047	-	4	36	K.AFDGYWGTPQIDTLVFSITPDASVR.Y	30

PHEAT-7343	proteomics_heat	3705069	3705122	-	4	8	K.LDLNPIGTGPFQLQQYQK.D	22
PHEAT-7344	proteomics_heat	3705069	3705140	-	4	24	K.AGTPEKLDLNPITGPFQLQQYQK.D	28
PHEAT-7345	proteomics_heat	3705141	3705164	-	4	3	K.EYADAMMK.A	12
PHEAT-7346	proteomics_heat	3705165	3705233	-	4	11	F.VLTRPEAPFLADLAMDFASILSK.E	27
PHEAT-7347	proteomics_heat	3705165	3705257	-	4	14	K.VDDNTVQFVLTRPEAPFLADLAMDFASILSK.E	35
PHEAT-7348	proteomics_heat	3705165	3705260	-	4	25	K.KVDDNTVQFVLTRPEAPFLADLAMDFASILSK.E	36
PHEAT-7349	proteomics_heat	3705198	3705260	-	4	3	K.KVDDNTVQFVLTRPEAPFLAD.L	25
PHEAT-7350	proteomics_heat	3705258	3705326	-	4	2	K.VSGGSYEYFEGMGLPELISEVKK.V	27
PHEAT-7351	proteomics_heat	3705261	3705326	-	4	18	K.VSGGSYEYFEGMGLPELISEVK.K	26
PHEAT-7352	proteomics_heat	3705357	3705395	-	4	14	R.ELNADDVVFSDR.Q	17
PHEAT-7353	proteomics_heat	3705462	3705485	-	4	3	K.WEVSEDGK.T	12
PHEAT-7354	proteomics_heat	3705462	3705524	-	4	6	K.IGTTEVIPGLAEKWEVSEDGK.T	25
PHEAT-7355	proteomics_heat	3705486	3705524	-	4	8	K.IGTTEVIPGLAEK.W	17
PHEAT-7356	proteomics_heat	3705540	3705590	-	4	3	L.FTSGTTYDASSVPLYNR.L	21
PHEAT-7357	proteomics_heat	3705540	3705641	-	4	3	K.TLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	38
PHEAT-7358	proteomics_heat	3705540	3705644	-	4	4	A.KTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	39
PHEAT-7359	proteomics_heat	3716360	3716431	-	6	11	K.LIAPLPAQHQA FNQAWTTAVTATQ.-	28
PHEAT-7360	proteomics_heat	3716603	3716647	-	6	4	K.QSDDLKPVFDQAFTK.V	19
PHEAT-7361	proteomics_heat	3716648	3716680	-	6	11	K.LQADAAHSALK.Q	15
PHEAT-7362	proteomics_heat	3716681	3716731	-	6	6	R.EMNGSLGVLAQQLQNAK.L	21
PHEAT-7363	proteomics_heat	3716732	3716770	-	6	3	R.VPQDYVTQSGPLR.E	17
PHEAT-7364	proteomics_heat	3716771	3716884	-	6	8	K.QFGPFVSDYAILYGYSQQVNQAMDSGLRPVDSVNAR.V	42
PHEAT-7365	proteomics_heat	3716801	3716884	-	6	3	K.QFGPFVSDYAILYGYSQQVNQAMDSGLR.P	32
PHEAT-7366	proteomics_heat	3716885	3716926	-	6	2	R.SGERLPTLTADQKK.Q	18
PHEAT-7367	proteomics_heat	3716927	3716965	-	6	5	R.KAFIDFLQNTVMR.S	17
PHEAT-7368	proteomics_heat	3720459	3720521	-	4	10	R.YQDALVELAELREPVDAFFDK.V	25
PHEAT-7369	proteomics_heat	3720522	3720554	-	4	2	R.DKLEPYFTEGR.Y	15
PHEAT-7370	proteomics_heat	3720555	3720620	-	4	5	R.VNASTLKEPEEIKLAMQVVVLR.D	26
PHEAT-7371	proteomics_heat	3720582	3720620	-	4	10	R.VNASTLKEPEEIK.L	17
PHEAT-7372	proteomics_heat	3720582	3720644	-	4	2	K.SDEVLSDRVNASTLKEPEEIK.L	25
PHEAT-7373	proteomics_heat	3720666	3720707	-	4	3	R.TLDAAAALAAANKR.V	18
PHEAT-7374	proteomics_heat	3720765	3720821	-	4	9	R.AWYQDEGYTVDTIQAVLAR.R	23
PHEAT-7375	proteomics_heat	3720828	3720878	-	4	59	K.LTNANVVDDVIDFMLGR.F	21
PHEAT-7376	proteomics_heat	3720828	3720893	-	4	29	R.LYGDKLTNANVVDDVIDFMLGR.F	26
PHEAT-7377	proteomics_heat	3720894	3720938	-	4	7	K.NLNLDLQTLTEEAVR.L	19
PHEAT-7378	proteomics_heat	3721005	3721049	-	4	8	K.MDTLAGIFGIGQHPK.G	19
PHEAT-7379	proteomics_heat	3721005	3721109	-	4	14	R.FAGDDLPSNPVACALAIADKMDTLGIFGIGQHPK.G	39
PHEAT-7380	proteomics_heat	3721050	3721109	-	4	9	R.FAGDDLPSNPVACALAIADK.M	24
PHEAT-7381	proteomics_heat	3721110	3721166	-	4	8	R.HDGEAEDVAVALNEQYQPR.F	23
PHEAT-7382	proteomics_heat	3721167	3721238	-	4	3	K.CDLMTNMVFEFTDTQGVGMGMHYAR.H	28
PHEAT-7383	proteomics_heat	3721257	3721319	-	4	5	R.IQALAGWIAEQIGADVNHATR.A	25
PHEAT-7384	proteomics_heat	3721335	3721376	-	4	15	R.LQTVLFFQQQLGTLR.D	18
PHEAT-7385	proteomics_heat	3721377	3721400	-	4	7	K.RLEDNLP.L	12
PHEAT-7386	proteomics_heat	3721404	3721442	-	4	2	R.LADAEFFNTDRK.K	17
PHEAT-7387	proteomics_heat	3721407	3721442	-	4	4	R.LADAEFFNTDR.K	16
PHEAT-7388	proteomics_heat	3721458	3721487	-	4	2	D.PQQIISGNEK.V	14

PHEAT-7389	proteomics_heat	3721458	3721490	-	4	5	K.DPQQIISGNEK.V	15
PHEAT-7390	proteomics_heat	3721458	3721532	-	4	30	K.LLPNFIFVANIESKDPQQIISGNEK.V	29
PHEAT-7391	proteomics_heat	3721533	3721562	-	4	2	K.YFPVYANDGK.L	14
PHEAT-7392	proteomics_heat	3721575	3721616	-	4	3	K.FLAVPAEALVYTMK.G	18
PHEAT-7393	proteomics_heat	3721629	3721712	-	4	4	K.IGGNADLSESLLEEVAASLVEWPVVLTA.K.F	32
PHEAT-7394	proteomics_heat	3721713	3721745	-	4	2	K.IKADAEAAARK.I	15
PHEAT-7395	proteomics_heat	3721716	3721745	-	4	9	K.IKADAEAAAR.K	14
PHEAT-7396	proteomics_heat	3721755	3721778	-	4	4	K.VIADYEER.K	12
PHEAT-7397	proteomics_heat	3721791	3721850	-	4	3	R.FMGEPEFTIDNADQYPEILR.E	24
PHEAT-7398	proteomics_heat	3721869	3721907	-	4	5	K.VIPATILGIQSDR.V	17
PHEAT-7399	proteomics_heat	3721908	3721973	-	4	6	R.WGASDVHFVRPVHTVTLGLGDK.V	26
PHEAT-7400	proteomics_heat	3721998	3722051	-	4	6	K.GESTEALLPNMVATSLAK.L	22
PHEAT-7401	proteomics_heat	3721998	3722063	-	4	4	R.AHVKGESTEALLPNMVATSLAK.L	26
PHEAT-7402	proteomics_heat	3722100	3722132	-	4	5	R.GCGITVDQAER.L	15
PHEAT-7403	proteomics_heat	3722154	3722201	-	4	7	R.GPAIAQAFDAEGKPSK.A	20
PHEAT-7404	proteomics_heat	3722154	3722204	-	4	2	K.RGPAIAQAFDAEGKPSK.A	21
PHEAT-7405	proteomics_heat	3722202	3722249	-	4	2	K.VANLAEQPDREIEK.R	20
PHEAT-7406	proteomics_heat	3722205	3722249	-	4	5	K.VANLAEQPDREIEK.R	19
PHEAT-7407	proteomics_heat	3722217	3722249	-	4	3	K.VANLAEQPDREIEK.R	15
PHEAT-7408	proteomics_heat	3722265	3722357	-	4	28	R.SLAESFAANFTAELDNAGLAHGTQVWFAAPR.R	35
PHEAT-7409	proteomics_heat	3722367	3722408	-	4	2	K.TFLVEIGTEELPPK.A	18
PHEAT-7410	proteomics_heat	3722469	3722498	-	4	3	K.AVAEAYYASR.E	14
PHEAT-7411	proteomics_heat	3722559	3722591	-	4	6	K.AAHSFNLLDAR.K	15
PHEAT-7412	proteomics_heat	3722601	3722657	-	4	7	K.EAQQLLALLENPLPLPAYER.I	23
PHEAT-7413	proteomics_heat	3722997	3723032	-	4	3	K.ELGMDPTIHDR.F	16
PHEAT-7414	proteomics_heat	3723033	3723113	-	4	23	R.LQHYYQFQVVIKPSPDNIQELYLGLSK.E	31
PHEAT-7415	proteomics_heat	3723153	3723179	-	4	2	M.AAAYVQPSR.R	13
PHEAT-7416	proteomics_heat	3723153	3723200	-	4	7	R.ELGPEPMAAAYVQPSR.R	20
PHEAT-7417	proteomics_heat	3723201	3723254	-	4	2	Q.PLDMEVGAGTSHPMTC.LR.E	22
PHEAT-7418	proteomics_heat	3723201	3723275	-	4	8	R.QGCTIVQPLDMEVGAGTSHPMTC.LR.E	29
PHEAT-7419	proteomics_heat	3723276	3723320	-	4	18	R.TFQGLILTLQDYWAR.Q	19
PHEAT-7420	proteomics_heat	3739941	3739991	-	4	3	R.NTITELPAMFDELAHIR.E	21
PHEAT-7421	proteomics_heat	3740388	3740471	-	4	2	R.GLMLEILSNYPNGCPLAHLSELAGLNK.S	32
PHEAT-7422	proteomics_heat	3756166	3756210	-	5	8	R.DLDQECGSTCAADFR.D	19
PHEAT-7423	proteomics_heat	3756394	3756432	-	5	3	K.AGFSEEQAIWQK.A	17
PHEAT-7424	proteomics_heat	3756493	3756543	-	5	11	R.MALPMEDEALVLLIEK.M	21
PHEAT-7425	proteomics_heat	3756631	3756699	-	5	2	R.ELLQQPGYIQAGYSLLNAPVAAR.W	27
PHEAT-7426	proteomics_heat	3756760	3756801	-	5	3	R.AQSDADALSVHLER.G	18
PHEAT-7427	proteomics_heat	3756925	3756996	-	5	9	R.VSLLLEDNLAELVFDTPWLADNDR.L	28
PHEAT-7428	proteomics_heat	3757129	3757176	-	5	4	R.IALNIAGDAEKEQINR.G	20
PHEAT-7429	proteomics_heat	3757177	3757227	-	5	11	R.ALHAQNQPTETANAGQR.I	21
PHEAT-7430	proteomics_heat	3757606	3757695	-	5	5	K.FLSNMLAGVGGIDHALLLVACDDGVMQTR.E	34
PHEAT-7431	proteomics_heat	3757732	3757782	-	5	2	R.GMTIDLGYAYWPQPDGR.V	21
PHEAT-7432	proteomics_heat	3757789	3757845	-	5	4	K.TTLLQAITGVNADRLPEEK.K	23
PHEAT-7433	proteomics_heat	3757992	3758021	-	4	3	R.GSHLESLAAR.W	14
PHEAT-7434	proteomics_heat	3758208	3758255	-	4	2	R.LYLHPEALSEKLPTLR.L	20

PHEAT-7435	proteomics_heat	3758451	3758525	-	4	3	K.ELDVPVVDLGGSLVDLSQYGLPK.E	29
PHEAT-7436	proteomics_heat	3758658	3758699	-	4	3	R.QAGCTLHEVGTTNR.T	18
PHEAT-7437	proteomics_heat	3758769	3758852	-	4	7	R.ITGAEDACIVNNNAAVLLMLAATASGK.E	32
PHEAT-7438	proteomics_heat	3758982	3759050	-	4	5	K.EAQSALRPVINLTGTVLHTNLGR.A	27
PHEAT-7439	proteomics_heat	3759652	3759705	-	5	2	R.KIEALADGIMDAGLVSVR.E	22
PHEAT-7440	proteomics_heat	3779767	3779859	-	5	2	R.IVGKPDSDKPSMDMDQHFNGINHTEFYGDGI.-	35
PHEAT-7441	proteomics_heat	3779860	3779928	-	5	8	K.IGAGSVVLQVPPHTTAAGVPAR.I	27
PHEAT-7442	proteomics_heat	3779860	3779961	-	5	2	I.LGNIEVGRGAKIGAGSVVLQVPPHTTAAGVPAR.I	38
PHEAT-7443	proteomics_heat	3779965	3780000	-	5	2	K.IREGVMIGAGAK.I	16
PHEAT-7444	proteomics_heat	3780268	3780318	-	5	3	R.TRDPAVDKYSTPLLYLK.G	21
PHEAT-7445	proteomics_heat	3780319	3780393	-	5	7	R.EVVEEAYAADPEMIASACDIQAVR.T	29
PHEAT-7446	proteomics_heat	3780430	3780474	-	5	10	K.HENLGSALSYMLANK.L	19
PHEAT-7447	proteomics_heat	3780475	3780531	-	5	3	R.TLADCEPMLASFYHATLLK.H	23
PHEAT-7448	proteomics_heat	3780544	3780582	-	5	3	M.SCEELEIVWNNIK.A	17
PHEAT-7449	proteomics_heat	3780731	3780787	-	6	6	R.FGVEMPIEIIYQVLYCGK.N	23
PHEAT-7450	proteomics_heat	3780848	3780898	-	6	3	R.FGMMLGQGMDVQSAQEK.I	21
PHEAT-7451	proteomics_heat	3780908	3781000	-	6	5	R.LGAALGADPATFMGMAGLGLDLVLTCTDNQSR.N	35
PHEAT-7452	proteomics_heat	3781100	3781150	-	6	3	R.VYSNPDFIGVQLGGAVK.N	21
PHEAT-7453	proteomics_heat	3781160	3781252	-	6	3	K.ELAAGLPTAISLASTDQTFADDLQQLLHCGK.S	35
PHEAT-7454	proteomics_heat	3781253	3781309	-	6	5	R.EALGDQIPLAVISGPTFAK.E	23
PHEAT-7455	proteomics_heat	3781406	3781453	-	6	5	R.NILVVVPSHVFGVLR.Q	20
PHEAT-7456	proteomics_heat	3781454	3781540	-	6	2	R.CNAAFPLDVPFPDTHLHLESDLATALAASR.N	33
PHEAT-7457	proteomics_heat	3781538	3781606	-	6	12	R.NGHEVVLWGHDPHEIATLERDRC.N	27
PHEAT-7458	proteomics_heat	3781547	3781606	-	6	3	R.NGHEVVLWGHDPHEIATLER.D	24
PHEAT-7459	proteomics_heat	3781687	3781791	-	5	11	R.GTFPQLNLAPVNFDAFMNYLQQQAGEGTEEHQDA.-	39
PHEAT-7460	proteomics_heat	3781792	3781818	-	5	3	R.ECITSMVSR.G	13
PHEAT-7461	proteomics_heat	3781819	3781863	-	5	8	H.CLGAYCPNIFPYAR.E	19
PHEAT-7462	proteomics_heat	3781864	3781968	-	5	3	R.VTVTASLGEETAFLCEVQQGGIFSIAGIEGTQMAH.C	39
PHEAT-7463	proteomics_heat	3781969	3782028	-	5	7	K.LDLDTASSQLADDVYEVVLR.V	24
PHEAT-7464	proteomics_heat	3782050	3782094	-	5	8	K.DISFEAPNAPHVFQK.D	19
PHEAT-7465	proteomics_heat	3782062	3782094	-	5	2	K.DISFEAPNAPH.V	15
PHEAT-7466	proteomics_heat	3782241	3782315	-	4	9	R.TTVPQIFIDAQHIGGCCDDLALDAR.G	29
PHEAT-7467	proteomics_heat	3782343	3782390	-	4	2	K.GVSFQELPIDGNAAKR.E	20
PHEAT-7468	proteomics_heat	3782346	3782390	-	4	5	K.GVSFQELPIDGNAAK.R	19
PHEAT-7469	proteomics_heat	3782415	3782438	-	4	4	K.ETCPYCHR.A	12
PHEAT-7470	proteomics_heat	3782439	3782462	-	4	2	M.ANVEIYTK.E	12
PHEAT-7471	proteomics_heat	3782616	3782660	-	4	3	K.EGVAGWAGENLPLVR.G	19
PHEAT-7472	proteomics_heat	3782661	3782690	-	4	2	K.AGFAQVFLK.E	14
PHEAT-7473	proteomics_heat	3782691	3782759	-	4	4	K.DKPVIVVDGSGMQCQEPANALTK.A	27
PHEAT-7474	proteomics_heat	3782691	3782765	-	4	4	K.HKDKPVIVVDGSGMQCQEPANALTK.A	29
PHEAT-7475	proteomics_heat	3782793	3782837	-	4	15	K.GHIAGSINLLPSEIK.A	19
PHEAT-7476	proteomics_heat	3782859	3782897	-	4	8	R.LINKEDAVVVDLR.Q	17
PHEAT-7477	proteomics_heat	3788424	3788477	-	4	4	K.MAALIQSGLDLSPIITHR.F	22
PHEAT-7478	proteomics_heat	3788595	3788627	-	4	2	R.TMLDTMNHGGR.I	15
PHEAT-7479	proteomics_heat	3788967	3789044	-	4	2	R.NTIGVGNRPGCFAEYLVIPAFNAFK.I	30
PHEAT-7480	proteomics_heat	3789084	3789116	-	4	2	R.VSGEGHITCGH.C	15

PHEAT-7481	proteomics_heat	3789276	3789350	-	4	3	K.LKAEEGIWMTDVPVPELGHNDLLIK.I	29
PHEAT-7482	proteomics_heat	3789429	3789470	-	4	2	R.TQMSAAHTPEQITR.A	18
PHEAT-7483	proteomics_heat	3789555	3789644	-	4	2	R.EQMSAAGFTLAGADHAIIPVMLGDAVVAQK.F	34
PHEAT-7484	proteomics_heat	3789714	3789773	-	4	4	R.SRPYLFSNSLAPAIVAASIK.V	24
PHEAT-7485	proteomics_heat	3790290	3790334	-	4	3	R.FICGTQDSHKELEQK.L	19
PHEAT-7486	proteomics_heat	3796289	3796324	-	6	5	K.DIDTETLTNSVK.R	16
PHEAT-7487	proteomics_heat	3798569	3798649	-	6	2	R.FVHTYIMIEYIDGIELCDMPDIDDAL.K	31
PHEAT-7488	proteomics_heat	3798662	3798715	-	6	2	K.VRNEGLNLTNDFYLLAER.K	22
PHEAT-7489	proteomics_heat	3798878	3798928	-	6	10	K.YLNVLNDFLSYNINIIK.V	21
PHEAT-7490	proteomics_heat	3798929	3798970	-	6	2	K.IKDLVVFTDENNSK.Y	18
PHEAT-7491	proteomics_heat	3801603	3801662	-	4	2	K.DSVIPAPEEGETATFIYVGR.M	24
PHEAT-7492	proteomics_heat	3805963	3806046	-	5	4	K.IDMLLYQDTPILSENPEINALYGISNK.G	32
PHEAT-7493	proteomics_heat	3806068	3806115	-	5	2	R.YHGDMLLTTPVISTLK.Q	20
PHEAT-7494	proteomics_heat	3809089	3809139	-	5	2	R.GIEPHLVGATILHAVVR.N	21
PHEAT-7495	proteomics_heat	3809309	3809329	-	6	10	K.KFDPVVR.Q	11
PHEAT-7496	proteomics_heat	3809366	3809410	-	6	31	K.LVSSAGTGHFYTTTK.N	19
PHEAT-7497	proteomics_heat	3809366	3809416	-	6	4	K.IKLVSSAGTGHFYTTTK.N	21
PHEAT-7498	proteomics_heat	3809378	3809416	-	6	4	K.IKLVSSAGTGHFY.T	17
PHEAT-7499	proteomics_heat	3809482	3809511	-	5	9	K.GIDTVLAELR.A	14
PHEAT-7500	proteomics_heat	3809563	3809586	-	5	9	R.FWVESEKR.F	12
PHEAT-7501	proteomics_heat	3809566	3809586	-	5	3	R.FWVESEK.R	11
PHEAT-7502	proteomics_heat	3809668	3809694	-	5	2	M.SRVCQVTGK.R	13
PHEAT-7503	proteomics_heat	3813177	3813236	-	4	4	K.DLIAYLEEKPEMAEHLAAVK.A	24
PHEAT-7504	proteomics_heat	3813276	3813314	-	4	4	R.GRGEISAIQEVER.D	17
PHEAT-7505	proteomics_heat	3813390	3813434	-	4	2	R.VMLVDDVITAGTAIR.E	19
PHEAT-7506	proteomics_heat	3813435	3813482	-	4	3	K.DHGEGGNLVGSALQGR.V	20
PHEAT-7507	proteomics_heat	3813660	3813704	-	4	7	R.KSPYFFNAGLFNTGR.D	19
PHEAT-7508	proteomics_heat	3826623	3826667	-	4	4	L.ATLVAATLTLLLGRK.L	19
PHEAT-7509	proteomics_heat	3837243	3837281	-	4	2	K.EFLQSYQSPEVAK.A	17
PHEAT-7510	proteomics_heat	3837447	3837488	-	4	5	R.HLQIMELEGAQLPR.V	18
PHEAT-7511	proteomics_heat	3837582	3837629	-	4	2	K.EGATVAIPNDPTNLGR.A	20
PHEAT-7512	proteomics_heat	3837657	3837707	-	4	4	K.LVAVGNTFVFPMAGYSK.K	21
PHEAT-7513	proteomics_heat	3837864	3837911	-	4	2	K.VGVINGAEQDVAEVAK.K	20
PHEAT-7514	proteomics_heat	3848462	3848536	-	6	2	K.GMATIMLSVHDSPALVEQALNAGAR.G	29
PHEAT-7515	proteomics_heat	3848639	3848707	-	6	2	R.SGFAQLLGLEPDLQVVAEFGSGR.E	27
PHEAT-7516	proteomics_heat	3848885	3848932	-	6	11	R.LEQMISQIDKLEDVVK.V	20
PHEAT-7517	proteomics_heat	3848933	3848968	-	6	4	K.SHIWLLVNDDQR.L	16
PHEAT-7518	proteomics_heat	3848969	3849022	-	6	7	R.RAFNVEGILCLPIQSDK.S	22
PHEAT-7519	proteomics_heat	3849068	3849115	-	6	9	A.MQNTTHDNVILELTVR.N	20
PHEAT-7520	proteomics_heat	3849317	3849412	-	6	7	K.IILMNNEALGLVHQQQSLFYEQGVFAATYPGK.I	36
PHEAT-7521	proteomics_heat	3849413	3849496	-	6	33	K.VLCFSGDGLMMNIQEMATASENQLDVK.I	32
PHEAT-7522	proteomics_heat	3849497	3849583	-	6	16	R.QWLTSGLGTMGFGLPAAIGAALANPDRK.V	33
PHEAT-7523	proteomics_heat	3849500	3849583	-	6	8	R.QWLTSGLGTMGFGLPAAIGAALANPDR.K	32
PHEAT-7524	proteomics_heat	3849743	3849778	-	6	9	R.AEWHQLVADLQR.E	16
PHEAT-7525	proteomics_heat	3849779	3849847	-	6	7	H.VAIQADVDDVLAQLIPLVEAQPR.A	27
PHEAT-7526	proteomics_heat	3849779	3849856	-	6	5	K.QPHVAIQADVDDVLAQLIPLVEAQPR.A	30

PHEAT-7527	proteomics_heat	3849779	3849862	-	6	27	K.IKQPHVAIQADVDDVLAQLIPLVEAQPR.A	32
PHEAT-7528	proteomics_heat	3849863	3849901	-	6	5	K.IIHVDIDRAELGK.I	17
PHEAT-7529	proteomics_heat	3849878	3849901	-	6	6	K.IIHVDIDR.A	12
PHEAT-7530	proteomics_heat	3849902	3849928	-	6	3	K.TEQFCPNAK.I	13
PHEAT-7531	proteomics_heat	3849953	3850006	-	6	88	R.STNYILQEADLLIVLGAR.F	22
PHEAT-7532	proteomics_heat	3850007	3850051	-	6	3	K.AHPLSLGMLGMHGVR.S	19
PHEAT-7533	proteomics_heat	3850052	3850102	-	6	15	K.AQLPTTMTLMALGMLPK.A	21
PHEAT-7534	proteomics_heat	3850124	3850171	-	6	17	K.RPVLYLGGGVINAPAR.V	20
PHEAT-7535	proteomics_heat	3850136	3850171	-	6	2	K.RPVLYLGGGVIN.A	16
PHEAT-7536	proteomics_heat	3850172	3850201	-	6	7	R.DAAAMINAAR.R	14
PHEAT-7537	proteomics_heat	3850172	3850237	-	6	3	K.AAAPAFSEESIRDAAAMINAAR.R	26
PHEAT-7538	proteomics_heat	3850202	3850237	-	6	3	K.AAAPAFSEESIR.D	16
PHEAT-7539	proteomics_heat	3850238	3850291	-	6	7	K.DVQTAVFEIETQPAMAEK.A	22
PHEAT-7540	proteomics_heat	3850238	3850321	-	6	5	R.PGPVWIDIPKDVQTAVFEIETQPAMAEK.A	32
PHEAT-7541	proteomics_heat	3850238	3850339	-	6	9	R.IAQSGRPGPVWIDIPKDVQTAVFEIETQPAMAEK.A	38
PHEAT-7542	proteomics_heat	3850292	3850339	-	6	3	R.IAQSGRPGPVWIDIPK.D	20
PHEAT-7543	proteomics_heat	3850340	3850381	-	6	11	R.HIEELPQVMSDAFR.I	18
PHEAT-7544	proteomics_heat	3850511	3850567	-	6	2	C.MACSGPGATNLVTAIADAR.L	23
PHEAT-7545	proteomics_heat	3850511	3850591	-	6	6	R.TDGKPAVCMACSGPGATNLVTAIADAR.L	31
PHEAT-7546	proteomics_heat	3850592	3850633	-	6	11	R.HEQGAGFIAQGMAR.T	18
PHEAT-7547	proteomics_heat	3850649	3850720	-	6	11	K.IVTGIPGGSIPLVYDALSQSTQIR.H	28
PHEAT-7548	proteomics_heat	3850721	3850771	-	6	50	R.FTGAEFIVHFLEQQGIK.I	21
PHEAT-7549	proteomics_heat	3864034	3864072	-	5	4	R.DSGRAGLLCLIAR.L	17
PHEAT-7550	proteomics_heat	3864495	3864527	-	4	13	R.IAISERPALNS.-	15
PHEAT-7551	proteomics_heat	3864528	3864557	-	4	3	R.NEPEPIAAQR.I	14
PHEAT-7552	proteomics_heat	3864558	3864626	-	4	2	T.LAENMEVSGATFVNGLLHIDLIR.N	27
PHEAT-7553	proteomics_heat	3864639	3864677	-	4	2	K.KWLHQGLMNQPF.S	17
PHEAT-7554	proteomics_heat	3864642	3864674	-	4	2	K.WLHQGLMNQPF.S	15
PHEAT-7555	proteomics_heat	3864720	3864755	-	4	9	R.QEDLEIQLEGTR.L	16
PHEAT-7556	proteomics_heat	3864756	3864782	-	4	10	R.ITLALAGFR.Q	13
PHEAT-7557	proteomics_heat	3864804	3864866	-	4	25	K.LANALQNAGESQSFPYNIK.S	25
PHEAT-7558	proteomics_heat	3864867	3864887	-	4	2	R.QWIGFDK.L	11
PHEAT-7559	proteomics_heat	3864888	3864914	-	4	4	R.NFDLSPLMR.Q	13
PHEAT-7560	proteomics_heat	3865077	3865121	-	4	55	R.GANLVNGLLYIDLER.V	19
PHEAT-7561	proteomics_heat	3865122	3865151	-	4	11	K.FQLAENIHVR.G	14
PHEAT-7562	proteomics_heat	3865122	3865154	-	4	4	R.KFQLAENIHVR.G	15
PHEAT-7563	proteomics_heat	3865128	3865154	-	4	2	R.KFQLAENIH.V	13
PHEAT-7564	proteomics_heat	3865167	3865196	-	4	11	R.TYLYQGIAER.N	14
PHEAT-7565	proteomics_heat	3865227	3865301	-	4	792	R.IAIVAGFAESELEITAQDNLLVVK.G	29
PHEAT-7566	proteomics_heat	3865302	3865343	-	4	4	Y.PPYNVELVDENHYR.I	18
PHEAT-7567	proteomics_heat	3865302	3865391	-	4	17	R.LFNHLENNQSQSNGGYPPYVVELVDENHYR.I	34
PHEAT-7568	proteomics_heat	3865413	3865439	-	4	8	R.NFDLSPLYR.S	13
PHEAT-7569	proteomics_heat	3865413	3865445	-	4	2	I.MRNFDLSPLYR.S	15
PHEAT-7570	proteomics_heat	3866505	3866561	-	4	2	K.AAGDAPLSGTETTLPPAPR.G	23
PHEAT-7571	proteomics_heat	3866886	3866927	-	4	4	R.GGSHVHVFPNGER.V	18
PHEAT-7572	proteomics_heat	3866928	3866984	-	4	2	K.MSNLDAMDITAPYTPGVLR.G	23

PHEAT-7573	proteomics_heat	3867129	3867149	-	4	2	R.EVEVIYR.S	11
PHEAT-7574	proteomics_heat	3867129	3867149	-	4	2	R.EVEVIYR.S	11
PHEAT-7575	proteomics_heat	3868150	3868206	-	5	3	Q.KGVVLTADKILPARGKQHR.A	23
PHEAT-7576	proteomics_heat	3872662	3872739	-	5	16	R.YHEAVLQSVHNPVLQQLSIAISSLQR.A	30
PHEAT-7577	proteomics_heat	3874394	3874429	-	6	2	K.SAPYFLEILDKR.V	16
PHEAT-7578	proteomics_heat	3874469	3874516	-	6	3	K.VMMIDEPAILDQAIAR.I	20
PHEAT-7579	proteomics_heat	3874640	3874672	-	6	2	R.EVGSFHALDR.T	15
PHEAT-7580	proteomics_heat	3874694	3874747	-	6	2	K.AADGSTVAQTALSYYDDYR.F	22
PHEAT-7581	proteomics_heat	3874748	3874810	-	6	2	K.ELHMEQPGDYCITYNGALVQK.A	25
PHEAT-7582	proteomics_heat	3874811	3874870	-	6	3	R.GVNVVLTTRGPYAGVHNYLK.E	24
PHEAT-7583	proteomics_heat	3874898	3874963	-	6	2	K.LIAIDMDGTLTLLPDHTISPAVK.N	26
PHEAT-7584	proteomics_heat	3875108	3875191	-	6	4	K.IIDALSPQGEVSPQANNDLLSAGMELLK.G	32
PHEAT-7585	proteomics_heat	3875192	3875245	-	6	3	K.LGVDTSTASSLLAEQLPK.I	22
PHEAT-7586	proteomics_heat	3875749	3875778	-	5	5	R.RAFIEENALK.A	14
PHEAT-7587	proteomics_heat	3875779	3875838	-	5	7	K.DAIAADQLFTTLMGDAVEPR.R	24
PHEAT-7588	proteomics_heat	3875863	3875922	-	5	2	K.GLGEMNPEQLWETTMDPESR.R	24
PHEAT-7589	proteomics_heat	3875959	3876006	-	5	23	R.RQPVASFEQALDWLVK.E	20
PHEAT-7590	proteomics_heat	3876016	3876048	-	5	2	R.GLLEEDAFIER.G	15
PHEAT-7591	proteomics_heat	3876076	3876141	-	5	2	R.THGVDTDYPLDHEFITGGEYR.I	26
PHEAT-7592	proteomics_heat	3876079	3876141	-	5	6	R.THGVDTDYPLDHEFITGGEYR.R	25
PHEAT-7593	proteomics_heat	3876079	3876144	-	5	3	V.RTHGVDTDYPLDHEFITGGEYR.R	26
PHEAT-7594	proteomics_heat	3876148	3876198	-	5	6	K.FDVHTNAEQNLFEPIVR.V	21
PHEAT-7595	proteomics_heat	3876199	3876258	-	5	7	R.WVNALVSELNDKEQHGSQWK.F	24
PHEAT-7596	proteomics_heat	3876259	3876321	-	5	10	K.ELIYQPTLTEADLSDEQTVTR.W	25
PHEAT-7597	proteomics_heat	3876367	3876396	-	5	3	K.LVSEYNATQK.M	14
PHEAT-7598	proteomics_heat	3876535	3876570	-	5	11	R.GHVYIAQPPLYK.V	16
PHEAT-7599	proteomics_heat	3876622	3876675	-	5	4	R.YHSIIIMTDADVDGSHIR.T	22
PHEAT-7600	proteomics_heat	3876703	3876762	-	5	11	K.MLSSQEVATLITALGCGIGR.D	24
PHEAT-7601	proteomics_heat	3876844	3876903	-	5	5	R.DPALSELYLVEGDSAGGSAK.Q	24
PHEAT-7602	proteomics_heat	3876844	3876924	-	5	5	K.LADCQERDPALSELYLVEGDSAGGSAK.Q	31
PHEAT-7603	proteomics_heat	3877036	3877104	-	5	3	K.SAVEQQMNELLAEYLLNPTDAK.I	27
PHEAT-7604	proteomics_heat	3877105	3877131	-	5	6	K.DKLVSSSEVK.S	13
PHEAT-7605	proteomics_heat	3877228	3877269	-	5	2	R.TLNAYMDKEGYSKK.A	18
PHEAT-7606	proteomics_heat	3877231	3877269	-	5	5	R.TLNAYMDKEGYSK.K	17
PHEAT-7607	proteomics_heat	3877285	3877314	-	5	4	R.DGGTHLAGFR.A	14
PHEAT-7608	proteomics_heat	3877402	3877443	-	5	6	K.TPIHPNIFYFSTEK.D	18
PHEAT-7609	proteomics_heat	3877402	3877449	-	5	5	K.NKTPIHPNIFYFSTEK.D	20
PHEAT-7610	proteomics_heat	3877474	3877515	-	5	2	R.DGKEDHFHYEGGIK.A	18
PHEAT-7611	proteomics_heat	3877531	3877566	-	5	2	R.ELSFLNSGVSIR.L	16
PHEAT-7612	proteomics_heat	3877576	3877638	-	5	4	R.FWPSLETFTNVTEFEYEILAK.R	25
PHEAT-7613	proteomics_heat	3877657	3877716	-	5	7	R.QIYEHGVPQAPLAVTGETEK.T	24
PHEAT-7614	proteomics_heat	3877756	3877812	-	5	9	K.VSGGLHGVGVSVVNALSQK.L	23
PHEAT-7615	proteomics_heat	3877834	3877914	-	5	27	R.GIPTGIHPPEGVSAAEVIMTVLHAGGK.F	31
PHEAT-7616	proteomics_heat	3878855	3878932	-	6	2	K.VAELAHLMMPQLITPEGFTLLNGGPK.Y	30
PHEAT-7617	proteomics_heat	3879553	3879582	-	5	3	K.HLEAGCDLLK.Q	14
PHEAT-7618	proteomics_heat	3879640	3879672	-	5	4	R.AHVGDFIFTSK.L	15

PHEAT-7619	proteomics_heat	3879673	3879699	-	5	2	R.VQIGSNIR.A	13
PHEAT-7620	proteomics_heat	3879730	3879753	-	5	2	R.KGVIELMR.M	12
PHEAT-7621	proteomics_heat	3879754	3879816	-	5	4	R.LAVCSMPIGQSLPSHSVIVPR.K	25
PHEAT-7622	proteomics_heat	3879841	3879888	-	5	4	R.YYLNGLMFETEGEELR.T	20
PHEAT-7623	proteomics_heat	3879889	3879933	-	5	3	R.LIEATQFSMAHQDVR.Y	19
PHEAT-7624	proteomics_heat	3879937	3880029	-	5	3	R.FSLSTLPAADFPNLDDWQSEVEFTLPQATMK.R	35
PHEAT-7625	proteomics_heat	3880123	3880176	-	5	3	R.VALVQPHEPGATTVPARK.F	22
PHEAT-7626	proteomics_heat	3880126	3880176	-	5	6	R.VALVQPHEPGATTVPAR.K	21
PHEAT-7627	proteomics_heat	3880240	3880323	-	5	2	R.EHLLKPLQQVSGPLGGRPTLPILGNLLL.Q	32
PHEAT-7628	proteomics_heat	3881024	3881071	-	6	6	R.SVDALLIDDIQFFANK.E	20
PHEAT-7629	proteomics_heat	3881081	3881116	-	6	2	K.ALQNNAIIEFKR.Y	16
PHEAT-7630	proteomics_heat	3881219	3881287	-	6	2	R.QVADNPGGAYNPLFLYGGTGLGK.T	27
PHEAT-7631	proteomics_heat	3881318	3881347	-	6	2	K.HTFDNFVEGK.S	14
PHEAT-7632	proteomics_heat	3881429	3881527	-	6	2	R.FEVGTPVTQTPQAAVTSNVAAPAQAQTQPQR.A	37
PHEAT-7633	proteomics_heat	3881528	3881596	-	6	3	R.DKYLNNINGLLTSFCGADAPQLR.F	27
PHEAT-7634	proteomics_heat	3904879	3904932	-	5	3	R.HVGGDELKLLAGKDSK.-	22
PHEAT-7635	proteomics_heat	3904891	3904932	-	5	4	R.HVGGDELKLLAGK.D	18
PHEAT-7636	proteomics_heat	3905083	3905115	-	5	6	K.KVDQEYEGIVR.Q	15
PHEAT-7637	proteomics_heat	3905158	3905202	-	5	3	R.HTIQMLHVDLDAFAR.M	19
PHEAT-7638	proteomics_heat	3905203	3905253	-	5	10	K.FSQHQHQLLVSLSLGR.H	21
PHEAT-7639	proteomics_heat	3905446	3905535	-	5	3	R.TQVMTMGGMVEQQLSDAITAMHNQDSLAK.R	34
PHEAT-7640	proteomics_heat	3905536	3905577	-	5	5	K.HISGFNAELESIR.T	18
PHEAT-7641	proteomics_heat	3905739	3905816	-	4	3	R.IEELITELKQDYTVVIVTHNMQQAAR.C	30
PHEAT-7642	proteomics_heat	3905817	3905891	-	4	4	R.GIAIRPEVLLLDEPCALDPSTGR.I	29
PHEAT-7643	proteomics_heat	3905907	3905951	-	4	2	K.LHQSGYSLSGGQQQR.L	19
PHEAT-7644	proteomics_heat	3905907	3905957	-	4	2	K.DKLHQSGYSLSGGQQQR.L	21
PHEAT-7645	proteomics_heat	3906042	3906113	-	4	3	K.VGMVFQKPTFPMSIYDNIAFGVR.L	28
PHEAT-7646	proteomics_heat	3908266	3908349	-	5	3	K.LAALIVLLMLGGIIVSLIISWPSIQKF.G	32
PHEAT-7647	proteomics_heat	3908278	3908379	-	5	2	K.GDIIFSVLVLAALIVLLMLGGIIVSLIISWPS.I	38
PHEAT-7648	proteomics_heat	3908787	3908849	-	4	2	K.LISADGKPVSPTEENFANAAK.G	25
PHEAT-7649	proteomics_heat	3909021	3909071	-	4	3	R.RADGSGTSFVFTSYLAK.V	21
PHEAT-7650	proteomics_heat	3909345	3909398	-	4	2	K.ETGNKVNYQIGSSGGVK.Q	22
PHEAT-7651	proteomics_heat	3910078	3910104	-	5	6	K.LKSNIIEVR.A	13
PHEAT-7652	proteomics_heat	3910105	3910167	-	5	2	L.ALIDADMPVIVVAPNNELLEK.L	25
PHEAT-7653	proteomics_heat	3910105	3910179	-	5	7	K.HGPLALIDADMPVIVVAPNNELLEK.L	29
PHEAT-7654	proteomics_heat	3910180	3910227	-	5	8	K.EISYIHAEAYAAGELK.H	20
PHEAT-7655	proteomics_heat	3910180	3910233	-	5	28	K.LKEISYIHAEAYAAGELK.H	22
PHEAT-7656	proteomics_heat	3910234	3910272	-	5	2	R.GDQYPIALEGALK.L	17
PHEAT-7657	proteomics_heat	3910273	3910329	-	5	16	R.IEALAEDFSDKHHALFLGR.G	23
PHEAT-7658	proteomics_heat	3910330	3910359	-	5	8	R.IEQMLSQDKR.I	14
PHEAT-7659	proteomics_heat	3910360	3910419	-	5	7	K.GLDAIEHDIVHGLQALPSR.I	24
PHEAT-7660	proteomics_heat	3910360	3910425	-	5	8	R.LKGLDASIEHDIVHGLQALPSR.I	26
PHEAT-7661	proteomics_heat	3910375	3910425	-	5	2	R.LKGLDASIEHDIVHGLQ.A	21
PHEAT-7662	proteomics_heat	3910480	3910539	-	5	5	R.ESDLALMTNAGTEIGVASTK.A	24
PHEAT-7663	proteomics_heat	3910540	3910599	-	5	10	K.ELGYLGSLAICNVPGSSLVR.E	24
PHEAT-7664	proteomics_heat	3910609	3910671	-	5	6	R.NSLMITLSQSGETADTLAQLR.L	25

PHEAT-7665	proteomics_heat	3910609	3910674	-	5	4	R.RNSLMITLSQSGETADTLAQLR.L	26
PHEAT-7666	proteomics_heat	3910696	3910755	-	5	10	R.YWFESLAGIPCDVEIASEFR.Y	24
PHEAT-7667	proteomics_heat	3910756	3910815	-	5	3	K.VEHILQILACGTSYNSGMVSR.Y	24
PHEAT-7668	proteomics_heat	3910816	3910878	-	5	2	R.ISHGQVDLSELGPNADELLSK.V	25
PHEAT-7669	proteomics_heat	3910897	3910926	-	5	2	K.EIYEQPNAIK.N	14
PHEAT-7670	proteomics_heat	3910942	3910998	-	5	7	K.RQDIESNLQYDAGDKGIYR.H	23
PHEAT-7671	proteomics_heat	3910954	3910995	-	5	2	R.QDIESNLQYDAGDK.G	18
PHEAT-7672	proteomics_heat	3910954	3910998	-	5	6	K.RQDIESNLQYDAGDK.G	19
PHEAT-7673	proteomics_heat	3911041	3911082	-	5	22	R.FIFLEEGDIAEITR.R	18
PHEAT-7674	proteomics_heat	3911041	3911085	-	5	7	R.RFIFLEEGDIAEITR.R	19
PHEAT-7675	proteomics_heat	3911086	3911169	-	5	122	R.SGSPLVIGLGMGENFIASDQLALLPVTR.R	32
PHEAT-7676	proteomics_heat	3911170	3911196	-	5	8	R.HPDTLLAAR.S	13
PHEAT-7677	proteomics_heat	3911281	3911346	-	5	8	R.GYTFVSETDTEVIAHLVNWELK.Q	26
PHEAT-7678	proteomics_heat	3911470	3911538	-	5	10	K.VQMLAQAAEEHPLHGTTGIAHTR.W	27
PHEAT-7679	proteomics_heat	3911557	3911610	-	5	14	R.GYDSAGLAVVDAEGHMTR.L	22
PHEAT-7680	proteomics_heat	3911626	3911658	-	5	4	R.DVAEILLEGLR.R	15
PHEAT-7681	proteomics_heat	3911904	3911936	-	4	3	R.NVGENALAIR.V	15
PHEAT-7682	proteomics_heat	3911973	3912041	-	4	4	K.TIIGDDVFGSDTQLVAPVTVGK.G	27
PHEAT-7683	proteomics_heat	3912048	3912143	-	4	2	K.AGHLTYLGDAEIGDNVNIGAGTITCNYDGANK.F	36
PHEAT-7684	proteomics_heat	3912171	3912230	-	4	8	R.LRPGAELLEGAHVGNFVEMK.K	24
PHEAT-7685	proteomics_heat	3912231	3912326	-	4	5	K.NSVIGDDCEISPYTVVEDANLAAACTIGPFAR.L	36
PHEAT-7686	proteomics_heat	3912537	3912566	-	4	2	R.LSEVEGVNRR.L	14
PHEAT-7687	proteomics_heat	3912567	3912593	-	4	4	R.EIVAVHPQR.L	13
PHEAT-7688	proteomics_heat	3912594	3912665	-	4	8	K.LTNNNAQGEYYITDIIALAYQEGR.E	28
PHEAT-7689	proteomics_heat	3912735	3912779	-	4	2	K.VTGIVEHKDATDEQR.Q	19
PHEAT-7690	proteomics_heat	3912756	3912779	-	4	4	K.VTGIVEHK.D	12
PHEAT-7691	proteomics_heat	3912801	3912827	-	4	3	K.LDDPTGYGR.I	13
PHEAT-7692	proteomics_heat	3913035	3913124	-	4	2	K.AMVQHVIDAANELGAAHVHLVYGHGGDLLK.Q	34
PHEAT-7693	proteomics_heat	3913125	3913148	-	4	2	K.VLHTLAGK.A	12
PHEAT-7694	proteomics_heat	3913179	3913223	-	4	2	R.MLNAMSVVILAAGK.G	19
PHEAT-7695	proteomics_heat	3913624	3913692	-	5	5	K.AEEHISSSHGDVDYAQASAELAK.A	27
PHEAT-7696	proteomics_heat	3913624	3913695	-	5	95	R.KAEEHISSSHGDVDYAQASAELAK.A	28
PHEAT-7697	proteomics_heat	3913714	3913737	-	5	2	R.GQDLDEAR.A	12
PHEAT-7698	proteomics_heat	3913840	3913926	-	5	28	K.IQVTGSEGELGIYPGHAPLLTAIKPGMIR.I	33
PHEAT-7699	proteomics_heat	3913927	3913992	-	5	16	M.AMTYHLDVVSAEQMFSGLVEK.I	26
PHEAT-7700	proteomics_heat	3914031	3914111	-	4	131	K.GIMEGEYDHLPEQAFYMVGSIEEAVEK.A	31
PHEAT-7701	proteomics_heat	3914031	3914150	-	4	2	G.KYVSLKDTIRGFKGIMEGEYDHLPEQAFYMVGSIEEAVEK.A	44
PHEAT-7702	proteomics_heat	3914121	3914147	-	4	5	K.YVSLKDTIR.G	13
PHEAT-7703	proteomics_heat	3914148	3914201	-	4	92	R.FLSQPFFVAEVFTGSPGK.Y	22
PHEAT-7704	proteomics_heat	3914148	3914225	-	4	39	V.ARARKIQRFLSQPFFVAEVFTGSPGK.Y	30
PHEAT-7705	proteomics_heat	3914220	3914282	-	4	90	K.DIIAILGMDELSEEDKLVVAR.A	25
PHEAT-7706	proteomics_heat	3914220	3914297	-	4	57	R.YQELKDIIAILGMDELSEEDKLVVAR.A	30
PHEAT-7707	proteomics_heat	3914235	3914282	-	4	2	K.DIIAILGMDELSEEDK.L	20
PHEAT-7708	proteomics_heat	3914298	3914321	-	4	7	R.GVQSILQR.Y	12
PHEAT-7709	proteomics_heat	3914322	3914360	-	4	2	D.PLVVGQEHYDTAR.G	17
PHEAT-7710	proteomics_heat	3914322	3914369	-	4	6	R.QLDPLVVGQEHYDTAR.G	20

PHEAT-7711	proteomics_heat	3914370	3914426	-	4	12	R.QIASLGIYPVDPLDSTSR.Q	23
PHEAT-7712	proteomics_heat	3914427	3914537	-	4	118	K.TGSITSVQAVYVPADDLTDPSATTF AHL DATVVLSR.Q	41
PHEAT-7713	proteomics_heat	3914478	3914552	-	4	10	R.ITSTKTGSITSVQAVYVPADDLTDPS	29
PHEAT-7714	proteomics_heat	3914553	3914612	-	4	2	M.PSAVGYQPTLAEEMGVLQER.I	24
PHEAT-7715	proteomics_heat	3914553	3914615	-	4	15	R.MPSAVGYQPTLAEEMGVLQER.I	25
PHEAT-7716	proteomics_heat	3914616	3914657	-	4	10	R.YTLAGTEVSALLGR.M	18
PHEAT-7717	proteomics_heat	3914658	3914690	-	4	13	R.DVLLFVDNIYR.Y	15
PHEAT-7718	proteomics_heat	3914658	3914702	-	4	2	R.DEGRDVLLFVDNIYR.Y	19
PHEAT-7719	proteomics_heat	3914658	3914708	-	4	23	K.FRDEGRDVLLFVDNIYR.Y	21
PHEAT-7720	proteomics_heat	3914709	3914741	-	4	12	R.VALTGLTMAEK.F	15
PHEAT-7721	proteomics_heat	3914748	3914792	-	4	13	K.VSLVYGQMNEPPG NR.L	19
PHEAT-7722	proteomics_heat	3914748	3914843	-	4	2	R.EGNDFYHEMTDSNVIDKVS L VYGQMNEPPG NR.L	36
PHEAT-7723	proteomics_heat	3914748	3914849	-	4	4	R.TREGNDFYHEMTDSNVIDKVS L VYGQMNEPPG NR.L	38
PHEAT-7724	proteomics_heat	3914793	3914843	-	4	6	R.EGNDFYHEMTDSNVIDK.V	21
PHEAT-7725	proteomics_heat	3914793	3914849	-	4	14	R.TREGNDFYHEMTDSNVIDK.V	23
PHEAT-7726	proteomics_heat	3914850	3914903	-	4	201	R.NIAIEHSGYSVFAGVGER.T	22
PHEAT-7727	proteomics_heat	3914904	3914930	-	4	7	K.TVNMMELIR.N	13
PHEAT-7728	proteomics_heat	3914931	3914963	-	4	9	K.VGLFGGAGVGK.T	15
PHEAT-7729	proteomics_heat	3914973	3915002	-	4	9	K.VIDL M C P F A K . G	14
PHEAT-7730	proteomics_heat	3915003	3915062	-	4	16	R.AAPSYEELSNSQELLE T G I K . V	24
PHEAT-7731	proteomics_heat	3915078	3915137	-	4	11	R.IMNVLGEPVDMKGEIGEEER.W	24
PHEAT-7732	proteomics_heat	3915102	3915137	-	4	6	R.IMNVLGEPVDMK.G	16
PHEAT-7733	proteomics_heat	3915153	3915188	-	4	10	K.DLEHPIEVPVGK.A	16
PHEAT-7734	proteomics_heat	3915153	3915203	-	4	2	R.GLDVKDLEHPIEVPVGK.A	21
PHEAT-7735	proteomics_heat	3915207	3915239	-	4	2	R.TIAMGSSDGLR.R	15
PHEAT-7736	proteomics_heat	3915207	3915242	-	4	4	V.RTIAMGSSDGLR.R	16
PHEAT-7737	proteomics_heat	3915240	3915284	-	4	50	R.LVLEVQQQLGGGIVR.T	19
PHEAT-7738	proteomics_heat	3915285	3915323	-	4	17	R.VYDALEVQNGNER.L	17
PHEAT-7739	proteomics_heat	3915324	3915383	-	4	67	K.IVQVIGAVVDVEFPQDAVPR.V	24
PHEAT-7740	proteomics_heat	3915488	3915511	-	6	7	K.ELQLVYNK.A	12
PHEAT-7741	proteomics_heat	3915560	3915622	-	6	10	R.YVESQVYQGVVENLASEQAAR.M	25
PHEAT-7742	proteomics_heat	3915560	3915625	-	6	9	R.RYVESQVYQGVVENLASEQAAR.M	26
PHEAT-7743	proteomics_heat	3915650	3915682	-	6	5	K.SWDYLYEPDPK.A	15
PHEAT-7744	proteomics_heat	3915683	3915766	-	6	5	K.FINTMSQVPTISQLLPLPASDDDD L K H K . S	32
PHEAT-7745	proteomics_heat	3915689	3915766	-	6	4	K.FINTMSQVPTISQLLPLPASDDDD L K . H	30
PHEAT-7746	proteomics_heat	3915788	3915826	-	6	5	K.VMLQAYDEGR L D K . L	17
PHEAT-7747	proteomics_heat	3915827	3915925	-	6	105	K.GVSFFNSVGGNVVAQVTGMGDNPSLSELIGPVK.V	37
PHEAT-7748	proteomics_heat	3915926	3915961	-	6	6	K.GVQC DL A M I G S K . G	16
PHEAT-7749	proteomics_heat	3915926	3915976	-	6	3	K.TWTDKGVQC DL A M I G S K . G	21
PHEAT-7750	proteomics_heat	3915995	3916033	-	6	2	R.GLCGGLNINLFKK.L	17
PHEAT-7751	proteomics_heat	3915998	3916033	-	6	7	R.GLCGGLNINLFK.K	16
PHEAT-7752	proteomics_heat	3916034	3916063	-	6	2	R.VGYLVVSTDR.G	14
PHEAT-7753	proteomics_heat	3916034	3916066	-	6	3	K.RVGYLVVSTDR.G	15
PHEAT-7754	proteomics_heat	3916097	3916123	-	6	3	H.LAHGNLEYK.H	13
PHEAT-7755	proteomics_heat	3916097	3916135	-	6	3	K.VIGHLAHGNLEYK.H	17
PHEAT-7756	proteomics_heat	3916139	3916174	-	6	4	R.MAASRPYAETMR.K	16

PHEAT-7757	proteomics_heat	3916148	3916174	-	6	2	R.MAASRPYAE.T	13
PHEAT-7758	proteomics_heat	3916151	3916174	-	6	2	R.MAASRPYA.E	12
PHEAT-7759	proteomics_heat	3916196	3916222	-	6	6	K.AMEMVAASK.M	13
PHEAT-7760	proteomics_heat	3916259	3916294	-	6	2	E.KLMAGAKEIRSK.I	16
PHEAT-7761	proteomics_heat	3916357	3916383	-	5	4	K.LKGILDSFK.A	13
PHEAT-7762	proteomics_heat	3916384	3916449	-	5	7	R.DHAPLMQEINQTGGYNDEIEGK.L	26
PHEAT-7763	proteomics_heat	3916384	3916491	-	5	13	K.IGSFEAALLAYVDRDHAPLMQEINQTGGYNDEIEGK.L	40
PHEAT-7764	proteomics_heat	3916450	3916491	-	5	16	K.IGSFEAALLAYVDR.D	18
PHEAT-7765	proteomics_heat	3916492	3916521	-	5	7	R.GYLADVLSK.I	14
PHEAT-7766	proteomics_heat	3916522	3916578	-	5	80	K.QYAPMSVAQQSLVFAAER.G	23
PHEAT-7767	proteomics_heat	3916522	3916584	-	5	18	K.QKQYAPMSVAQQSLVFAAER.G	25
PHEAT-7768	proteomics_heat	3916624	3916677	-	5	11	R.ELAAFSQFASDLDDATR.K	22
PHEAT-7769	proteomics_heat	3916627	3916653	-	5	3	F.ASDLDDATR.K	13
PHEAT-7770	proteomics_heat	3916627	3916677	-	5	23	R.ELAAFSQFASDLDDATR.K	21
PHEAT-7771	proteomics_heat	3916753	3916785	-	5	2	R.PAVNPGISVSR.V	15
PHEAT-7772	proteomics_heat	3916927	3916971	-	5	13	R.VNAEYVEAFTKGEVK.G	19
PHEAT-7773	proteomics_heat	3916939	3916971	-	5	9	R.VNAEYVEAFTK.G	15
PHEAT-7774	proteomics_heat	3916993	3917031	-	5	14	R.EAFPGDVFYLSR.L	17
PHEAT-7775	proteomics_heat	3917086	3917130	-	5	43	R.DRGEDALIIYDDLK.Q	19
PHEAT-7776	proteomics_heat	3917131	3917247	-	5	2	K.LEEHGALANTIVVVATASESAALQYLAPYAGCAMGEYFR.D	43
PHEAT-7777	proteomics_heat	3917131	3917250	-	5	13	R.KLEEHGALANTIVVVATASESAALQYLAPYAGCAMGEYFR.D	44
PHEAT-7778	proteomics_heat	3917155	3917250	-	5	2	R.KLEEHGALANTIVVVATASESAALQYLAPYAG.C	36
PHEAT-7779	proteomics_heat	3917221	3917250	-	5	3	R.KLEEHGALAN.T	14
PHEAT-7780	proteomics_heat	3917251	3917277	-	5	2	K.ASTISNVVR.K	13
PHEAT-7781	proteomics_heat	3917278	3917304	-	5	8	K.CIYVAIGQK.A	13
PHEAT-7782	proteomics_heat	3917320	3917355	-	5	22	K.TALAIDAIINQR.D	16
PHEAT-7783	proteomics_heat	3917398	3917427	-	5	7	K.AVDSMIPIGR.G	14
PHEAT-7784	proteomics_heat	3917428	3917463	-	5	12	R.QSVDQPVTGYK.A	16
PHEAT-7785	proteomics_heat	3917464	3917526	-	5	22	K.GPLDHDGFSAVEAIPGVIER.Q	25
PHEAT-7786	proteomics_heat	3917527	3917562	-	5	11	R.VVNTLGAPIDGK.G	16
PHEAT-7787	proteomics_heat	3917620	3917676	-	5	19	R.DSVGAVVMGPYADLAEGMK.V	23
PHEAT-7788	proteomics_heat	3917677	3917703	-	5	8	R.YAIALNLER.D	13
PHEAT-7789	proteomics_heat	3917704	3917760	-	5	14	R.IHGLADCMQGEMISLPGNR.Y	23
PHEAT-7790	proteomics_heat	3917761	3917835	-	5	39	R.IAQFNVVSEAHNEGTVSVSDGVIR.I	29
PHEAT-7791	proteomics_heat	3917842	3917880	-	5	9	S.MQLNSTEISELIK.Q	17
PHEAT-7792	proteomics_heat	3917932	3917964	-	5	3	R.AGDMVIDGSRV.G	15
PHEAT-7793	proteomics_heat	3917965	3917991	-	5	2	K.SVMAGVIIR.A	13
PHEAT-7794	proteomics_heat	3918055	3918126	-	5	7	R.AVSEATAEVDVISAAALSEQQLAK.I	28
PHEAT-7795	proteomics_heat	3918127	3918171	-	5	13	R.LNALPDVLEQFIHLR.A	19
PHEAT-7796	proteomics_heat	3918193	3918306	-	5	18	K.NEQMAELLSGALAPETLAESFIAVCGEQLDENGQNLIR.V	42
PHEAT-7797	proteomics_heat	3918307	3918345	-	5	7	R.WQDMLAFAAEVTK.N	17
PHEAT-7798	proteomics_heat	3918346	3918387	-	5	12	K.AAFDFAVEHQSVR.W	18
PHEAT-7799	proteomics_heat	3918388	3918423	-	5	6	M.SEFITVARPYAK.A	16
PHEAT-7800	proteomics_heat	3918444	3918497	-	4	10	R.SVDEAANSDIVDKLVAEL.-	22
PHEAT-7801	proteomics_heat	3918459	3918497	-	4	15	R.SVDEAANSDIVDK.L	17
PHEAT-7802	proteomics_heat	3918510	3918545	-	4	9	K.QVAILAVAGAEK.I	16

PHEAT-7803	proteomics_heat	3918510	3918548	-	4	9	R.KQVAILAVAGAЕК.I	17
PHEAT-7804	proteomics_heat	3918570	3918611	-	4	4	K.IVAQAQAEIEAERK.R	18
PHEAT-7805	proteomics_heat	3918573	3918611	-	4	10	K.IVAQAQAEIEAER.K	17
PHEAT-7806	proteomics_heat	3918618	3918662	-	4	6	R.SQILDEAKAEAEQER.T	19
PHEAT-7807	proteomics_heat	3918618	3918665	-	4	3	R.RSQILDEAKAEAEQER.T	20
PHEAT-7808	proteomics_heat	3918666	3918704	-	4	4	K.AEAQVIIEQANKR.R	17
PHEAT-7809	proteomics_heat	3918666	3918710	-	4	2	K.AKAEAQVIIEQANKR.R	19
PHEAT-7810	proteomics_heat	3918669	3918704	-	4	7	K.AEAQVIIEQANK.R	16
PHEAT-7811	proteomics_heat	3918669	3918710	-	4	24	K.AKAEAQVIIEQANK.R	18
PHEAT-7812	proteomics_heat	3918711	3918737	-	4	10	K.ASATDQLKK.A	13
PHEAT-7813	proteomics_heat	3918765	3918797	-	4	5	K.EIADGLASAER.A	15
PHEAT-7814	proteomics_heat	3918765	3918803	-	4	12	R.QKEIADGLASAER.A	17
PHEAT-7815	proteomics_heat	3920003	3920071	-	6	10	M.ASENMTPQDYIGHHLNQLDLR.T	27
PHEAT-7816	proteomics_heat	3921335	3921385	-	6	3	R.QVQHELKLENIEPVQSR.V	21
PHEAT-7817	proteomics_heat	3921500	3921547	-	6	4	R.HILDSIVVAPYLQGER.F	20
PHEAT-7818	proteomics_heat	3921848	3921889	-	6	2	K.LNDHKPASIGQASR.I	18
PHEAT-7819	proteomics_heat	3922016	3922090	-	6	2	K.LTTLTPFAPALTDEQAQVEIQVK.Y	29
PHEAT-7820	proteomics_heat	3922376	3922441	-	6	2	R.SQAYLGVLVDDLCTLGTKEPYR.M	26
PHEAT-7821	proteomics_heat	3922388	3922441	-	6	3	R.SQAYLGVLVDDLCTLGTK.E	22
PHEAT-7822	proteomics_heat	3922442	3922477	-	6	3	R.LSADKEGWAPAR.S	16
PHEAT-7823	proteomics_heat	3922604	3922651	-	6	2	K.IVRPGYAIEYDFDPR.D	20
PHEAT-7824	proteomics_heat	3922832	3922873	-	6	2	R.SPMYAGVIEGVGPR.Y	18
PHEAT-7825	proteomics_heat	3923222	3923254	-	6	2	R.VVGAVTQMGLK.F	15
PHEAT-7826	proteomics_heat	3923255	3923329	-	6	2	R.TALENQPNLMIFQQAVEDLIVENDR.V	29
PHEAT-7827	proteomics_heat	3923474	3923560	-	6	3	T.LLLTHNIDTLGQMSCNPAIGGIGKHLVK.E	33
PHEAT-7828	proteomics_heat	3923489	3923575	-	6	2	R.MGQQTLLLTHNIDTLGQMSCNPAIGGIGK.G	33
PHEAT-7829	proteomics_heat	3924038	3924112	-	6	14	K.INILDHDIPEDPAEEWLGSWVNLK.-	29
PHEAT-7830	proteomics_heat	3924149	3924199	-	6	5	R.EYDTFCGAIDKLEAELK.N	21
PHEAT-7831	proteomics_heat	3924404	3924475	-	6	4	M.ADITLISGSTLGGAEYVAEHLEK.L	28
PHEAT-7832	proteomics_heat	3924649	3924684	-	5	3	R.SIDALQHVLINK.I	16
PHEAT-7833	proteomics_heat	3928004	3928075	-	6	2	R.RQYQLPVNVTASTLTLQKPLK.L	28
PHEAT-7834	proteomics_heat	3928118	3928150	-	6	2	R.HLQLQQQSDK.T	15
PHEAT-7835	proteomics_heat	3928475	3928555	-	6	4	R.SMLTSQQDENDNPVPDALQVTDEEYER.W	31
PHEAT-7836	proteomics_heat	3928715	3928762	-	6	2	K.AGPAILNTLLTAINER.Q	20
PHEAT-7837	proteomics_heat	3938916	3938957	-	4	3	K.AHLNLTMAEMAALK.E	18
PHEAT-7838	proteomics_heat	3939198	3939275	-	4	4	R.ILKGEYEPGTILPGEIELGEQFGVSR.T	30
PHEAT-7839	proteomics_heat	3939315	3939347	-	4	2	M.PLSAQLAAQK.N	15
PHEAT-7840	proteomics_heat	3945754	3945801	-	5	2	K.LLPAETLMSTWQAAR.K	20
PHEAT-7841	proteomics_heat	3957573	3957635	-	4	3	F.SCPVLEPTGPLHTQFGYHIK.V	25
PHEAT-7842	proteomics_heat	3957573	3957644	-	4	2	K.VVFSCPVLEPTGPLHTQFGYHIK.V	28
PHEAT-7843	proteomics_heat	3957675	3957701	-	4	3	K.RGGDLGEFR.Q	13
PHEAT-7844	proteomics_heat	3957759	3957788	-	4	2	K.LALDLLLEQIK.N	14
PHEAT-7845	proteomics_heat	3957798	3957827	-	4	2	K.TAAALHILVK.E	14
PHEAT-7846	proteomics_heat	3960987	3961067	-	4	2	K.LLATLNLNQTNPVDLSSLHQQNAVPPR.V	31
PHEAT-7847	proteomics_heat	3961851	3961898	-	4	2	R.LIYQGVAAHTTGGADQR.L	20
PHEAT-7848	proteomics_heat	3962076	3962129	-	4	2	R.LAAGLNSENALSNEAMER.G	22

PHEAT-7849	proteomics_heat	3962460	3962504	-	4	5	K.YNPDALMTDLPKPLR.L	19
PHEAT-7850	proteomics_heat	3962505	3962606	-	4	7	R.AGASGHSISLACEEYALNLPAIETYIGHSPVSK.Y	38
PHEAT-7851	proteomics_heat	3962625	3962699	-	4	11	R.GLHIPAVTHVFNYDLPDDCEDYVHR.I	29
PHEAT-7852	proteomics_heat	3962775	3962807	-	4	3	R.VGLLTGDVAQK.K	15
PHEAT-7853	proteomics_heat	3962925	3962963	-	4	5	R.IKEELFYPSNEEK.M	17
PHEAT-7854	proteomics_heat	3963147	3963203	-	4	4	K.QNHINLGAIQVVVLDEADR.M	23
PHEAT-7855	proteomics_heat	3963276	3963311	-	4	2	K.LGLAYGGDGYDK.Q	16
PHEAT-7856	proteomics_heat	3963312	3963371	-	4	10	R.ELAVQIHADAEPLEATGLK.L	24
PHEAT-7857	proteomics_heat	3963414	3963476	-	4	6	K.TMAFLTSTFHLLSHPAIADR.K	25
PHEAT-7858	proteomics_heat	3963477	3963512	-	4	14	R.DVAGQAQTGTGK.T	16
PHEAT-7859	proteomics_heat	3963513	3963572	-	4	6	K.GFHNCTPIQALALPLTLAGR.D	24
PHEAT-7860	proteomics_heat	3963513	3963575	-	4	2	K.KGFHNCTPIQALALPLTLAGR.D	25
PHEAT-7861	proteomics_heat	3963597	3963623	-	4	3	K.FSDFALHPK.V	13
PHEAT-7862	proteomics_heat	3964473	3964544	-	4	9	K.NNVLLTHTSQVFQPHIFAESDQLR.N	28
PHEAT-7863	proteomics_heat	3984850	3984885	-	5	4	K.HGEWQEASLAFR.A	16
PHEAT-7864	proteomics_heat	3984886	3984939	-	5	3	K.NVGDRPLLWSTLQSLMK.H	22
PHEAT-7865	proteomics_heat	3984961	3984993	-	5	4	R.LKTNNPEQLEK.V	15
PHEAT-7866	proteomics_heat	3985186	3985233	-	5	2	R.AMLEQQAWIGLMDQAR.A	20
PHEAT-7867	proteomics_heat	3985261	3985308	-	5	2	R.TGAWSSLLDIIPSMK.A	20
PHEAT-7868	proteomics_heat	3985309	3985332	-	5	2	R.LAEQAYIR.T	12
PHEAT-7869	proteomics_heat	3985429	3985476	-	5	2	R.AAELAGNDTIPVEITR.V	20
PHEAT-7870	proteomics_heat	3985513	3985578	-	5	2	K.NADHAEQPVVNYLLAAEAAQQR.G	26
PHEAT-7871	proteomics_heat	3985591	3985623	-	5	2	K.LAEGDYQQVEK.L	15
PHEAT-7872	proteomics_heat	3985911	3986003	-	4	9	R.NLLAQPAAGTTEAKPAPAPQADTPAAAPQGE.-	35
PHEAT-7873	proteomics_heat	3986115	3986147	-	4	4	R.AYYDTDDATTK.A	15
PHEAT-7874	proteomics_heat	3986202	3986231	-	4	2	R.LLVAAQAVPR.H	14
PHEAT-7875	proteomics_heat	3986250	3986300	-	4	3	R.DDTAVPLLAPNQDIYLR.E	21
PHEAT-7876	proteomics_heat	3986250	3986306	-	4	5	R.RRDDTAVPLLAPNQDIYLR.E	23
PHEAT-7877	proteomics_heat	3986361	3986438	-	4	4	R.LADNDSGDGSPMDSGDEELSSSISEWR.I	30
PHEAT-7878	proteomics_heat	3986439	3986474	-	4	2	K.LNQLSNQVDNLR.L	16
PHEAT-7879	proteomics_heat	3986547	3986600	-	4	4	K.SADASLADMNDPSLITVR.R	22
PHEAT-7880	proteomics_heat	3986601	3986648	-	4	2	R.KLWSDQDVTAAALLK.S	20
PHEAT-7881	proteomics_heat	3987003	3987044	-	4	8	R.EAVDTTSQPVATEK.K	18
PHEAT-7882	proteomics_heat	3987890	3987958	-	6	3	R.GAPQDAEQMGISLAEELLNNGAR.E	27
PHEAT-7883	proteomics_heat	3987890	3987961	-	6	5	R.RGAPQDAEQMGISLAEELLNNGAR.E	28
PHEAT-7884	proteomics_heat	3988109	3988150	-	6	2	R.ELLAALNHHETALR.V	18
PHEAT-7885	proteomics_heat	3988397	3988474	-	6	4	R.DAFVSNNYDSLALPAGSIVGTSSLR.R	30
PHEAT-7886	proteomics_heat	3988487	3988540	-	6	3	K.DVPVEFPQGLGLVTICER.E	22
PHEAT-7887	proteomics_heat	3991765	3991836	-	5	2	R.SGETFWDLLEQAATQQAGETVSFR.-	28
PHEAT-7888	proteomics_heat	3992059	3992082	-	5	2	T.MNDSEFHR.L	12
PHEAT-7889	proteomics_heat	3997570	3997632	-	5	2	H.LLPVPHGRGTPAAALNLRLLR.C	25
PHEAT-7890	proteomics_heat	4002442	4002471	-	5	4	R.HETISEDEL.R.Q	14
PHEAT-7891	proteomics_heat	4002472	4002552	-	5	17	Q.SILHGGVIASALDVAAGLVCVGSTLTR.H	31
PHEAT-7892	proteomics_heat	4009892	4009948	-	6	3	K.SAERPTYDAPTVRPGSPAR.L	23
PHEAT-7893	proteomics_heat	4010099	4010146	-	6	3	R.MGIAALPHWVVFESFER.Q	20
PHEAT-7894	proteomics_heat	4010192	4010230	-	6	6	R.HFLQPAGVSPSLK.S	17

PHEAT-7895	proteomics_heat	4010348	4010389	-	6	4	R.SGLHYSPMFDYEV.R.L	18
PHEAT-7896	proteomics_heat	4010570	4010668	-	6	4	R.FTPQGEILLQLANQVLPQISQALQACNEPQQTR.L	37
PHEAT-7897	proteomics_heat	4010711	4010797	-	6	2	R.NCGSLAAAAATLHQTQSALSHQFSDLEQR.L	33
PHEAT-7898	proteomics_heat	4013545	4013643	-	5	2	K.QPVDIATDLNAPILGLYGGQDNSIPQESVETMR.Q	37
PHEAT-7899	proteomics_heat	4013701	4013739	-	5	2	R.ITWLYAAHNPPQLK.A	17
PHEAT-7900	proteomics_heat	4013794	4013850	-	5	5	K.VPDSQVLADLDHVASWASR.N	23
PHEAT-7901	proteomics_heat	4013851	4013910	-	5	10	R.EGDPNDFADIPTLLSGLVAK.V	24
PHEAT-7902	proteomics_heat	4013974	4014042	-	5	12	K.QSDGPLPVVIVVQEIFGVHEHIR.D	27
PHEAT-7903	proteomics_heat	4022500	4022538	-	5	5	K.DIVDPATPYPGDK.V	17
PHEAT-7904	proteomics_heat	4022539	4022604	-	5	5	R.FGASPAIVPSAVIHQLSVYKPK.D	26
PHEAT-7905	proteomics_heat	4026883	4026948	-	5	2	K.YLDMAQQYQHLGPLYEVPEGLR.N	26
PHEAT-7906	proteomics_heat	4027138	4027191	-	5	2	K.KEEDAAVEDLLAEVSQPK.R	22
PHEAT-7907	proteomics_heat	4028176	4028256	-	5	4	K.HYPAPITAVKTIEMAAARFGREEALNLE.N	31
PHEAT-7908	proteomics_heat	4028455	4028481	-	5	2	K.DVGADQALK.I	13
PHEAT-7909	proteomics_heat	4039456	4039497	-	5	3	K.DAFVNVNTPEELAR.W	18
PHEAT-7910	proteomics_heat	4039822	4039854	-	5	5	R.HQEIQASGLK.V	15
PHEAT-7911	proteomics_heat	4048510	4048563	-	5	5	R.LVDLPGYGYAEVPEEMKR.K	22
PHEAT-7912	proteomics_heat	4048564	4048605	-	5	6	R.TQLINLFEVADGKR.L	18
PHEAT-7913	proteomics_heat	4048639	4048671	-	5	3	K.SSALNTLTNQK.S	15
PHEAT-7914	proteomics_heat	4048687	4048731	-	5	4	R.HLPSDTGIEVAFAGR.S	19
PHEAT-7915	proteomics_heat	4048732	4048785	-	5	4	L.TNLNYQQTHFVMSAPDIR.H	22
PHEAT-7916	proteomics_heat	4052009	4052056	-	6	3	R.SGHQNLSEAQPELER.T	20
PHEAT-7917	proteomics_heat	4052252	4052287	-	6	2	K.LLHPETEALTR.L	16
PHEAT-7918	proteomics_heat	4052549	4052620	-	6	2	R.FEQADGGTFLFLDEIGDMPLDVQTR.L	28
PHEAT-7919	proteomics_heat	4052915	4052950	-	6	5	R.AISHYQEQQPR.N	16
PHEAT-7920	proteomics_heat	4053376	4053402	-	5	2	R.NLIDQHSGK.I	13
PHEAT-7921	proteomics_heat	4053970	4054014	-	5	3	R.LSQEQLQHAQQVAAR.D	19
PHEAT-7922	proteomics_heat	4054651	4054692	-	5	9	R.MTPHPVEFELYYSV.-	18
PHEAT-7923	proteomics_heat	4054717	4054767	-	5	191	K.AGGVFTDEAIDAYIALR.R	21
PHEAT-7924	proteomics_heat	4054768	4054839	-	5	16	K.EIPQVAGSLEEALNELDLDRFLK.A	28
PHEAT-7925	proteomics_heat	4054768	4054872	-	5	3	K.NLYDLPPEEAKEIPQVAGSLEEALNELDLDRFLK.A	39
PHEAT-7926	proteomics_heat	4054780	4054839	-	5	2	K.EIPQVAGSLEEALNELDLDR.E	24
PHEAT-7927	proteomics_heat	4054780	4054872	-	5	4	K.NLYDLPPEEAKEIPQVAGSLEEALNELDLDR.E	35
PHEAT-7928	proteomics_heat	4054840	4054872	-	5	2	K.NLYDLPPEEAK.E	15
PHEAT-7929	proteomics_heat	4054840	4054899	-	5	9	K.IHPGEAMDKNLYDLPPEEAK.E	24
PHEAT-7930	proteomics_heat	4054900	4054977	-	5	3	R.FPDPAANPYLCFAALLMAGLDGIKNK.I	30
PHEAT-7931	proteomics_heat	4054906	4054944	-	5	2	C.FAALLMAGLDGIK.N	17
PHEAT-7932	proteomics_heat	4054906	4054977	-	5	153	R.FPDPAANPYLCFAALLMAGLDGIK.N	28
PHEAT-7933	proteomics_heat	4054906	4055010	-	5	2	V.SSPKARRIEVFPDPAANPYLCFAALLMAGLDGIK.N	39
PHEAT-7934	proteomics_heat	4054999	4055022	-	5	2	R.IPVVSSPK.A	12
PHEAT-7935	proteomics_heat	4055044	4055091	-	5	5	R.LVPGYEAPVMLAYSAR.N	20
PHEAT-7936	proteomics_heat	4055092	4055136	-	5	13	K.AINALANPTTNSYKR.L	19
PHEAT-7937	proteomics_heat	4055095	4055136	-	5	11	K.AINALANPTTNSYK.R	18
PHEAT-7938	proteomics_heat	4055146	4055196	-	5	52	K.YAGLSEQALYYIGGVK.H	21
PHEAT-7939	proteomics_heat	4055146	4055226	-	5	233	K.NGVNLFAGDKYAGLSEQALYYIGGVK.H	31
PHEAT-7940	proteomics_heat	4055197	4055226	-	5	6	K.NGVNLFAGDK.Y	14

PHEAT-7941	proteomics_heat	4055227	4055280	-	5	7	K.PMFGDNGSGMHCHMSLSK.N	22
PHEAT-7942	proteomics_heat	4055227	4055301	-	5	2	K.TATFMPKPMFGDNGSGMHCHMSLSK.N	29
PHEAT-7943	proteomics_heat	4055338	4055361	-	5	2	K.ADEIQIYK.Y	12
PHEAT-7944	proteomics_heat	4055338	4055364	-	5	9	K.KADEIQIYK.Y	13
PHEAT-7945	proteomics_heat	4055383	4055427	-	5	2	H.HHEVATAGQNEVATR.F	19
PHEAT-7946	proteomics_heat	4055383	4055478	-	5	19	R.SEMCLVMEQMGLVVEAHHHEVATAGQNEVATR.F	36
PHEAT-7947	proteomics_heat	4055479	4055526	-	5	20	K.GGYFPVPPVDSAQDIR.S	20
PHEAT-7948	proteomics_heat	4055527	4055637	-	5	2	R.FGSSISGSHVAIDDIEGAWNSSTQYEGGNKGHRPAVK.G	41
PHEAT-7949	proteomics_heat	4055548	4055637	-	5	29	R.FGSSISGSHVAIDDIEGAWNSSTQYEGGNK.G	34
PHEAT-7950	proteomics_heat	4055578	4055637	-	5	2	R.FGSSISGSHVAIDDIEGAWN.S	24
PHEAT-7951	proteomics_heat	4055638	4055679	-	5	5	L.FGPEPEFFLFDDIR.F	18
PHEAT-7952	proteomics_heat	4055638	4055706	-	5	121	R.STGIADTVLFGPEPEFFLFDDIR.F	27
PHEAT-7953	proteomics_heat	4055707	4055727	-	5	2	K.RAEDYLR.S	11
PHEAT-7954	proteomics_heat	4055749	4055790	-	5	3	R.CDILEPGTLQGYDR.D	18
PHEAT-7955	proteomics_heat	4055791	4055823	-	5	5	D.PFFADSTLIIR.C	15
PHEAT-7956	proteomics_heat	4055791	4055850	-	5	3	M.PDASTAVIDPFFADSTLIIR.C	24
PHEAT-7957	proteomics_heat	4055791	4055880	-	5	47	K.GINESDMVLPDASTAVIDPFFADSTLIIR.C	34
PHEAT-7958	proteomics_heat	4055881	4055913	-	5	7	K.MFDGSSIGGWK.G	15
PHEAT-7959	proteomics_heat	4055914	4055973	-	5	21	K.EQHVTIPAHQVNAEFFEEGK.M	24
PHEAT-7960	proteomics_heat	4055914	4055979	-	5	24	K.GKEQHVTIPAHQVNAEFFEEGK.M	26
PHEAT-7961	proteomics_heat	4056010	4056051	-	5	5	S.AEHVLTMLNEHEVK.F	18
PHEAT-7962	proteomics_heat	4056010	4056054	-	5	45	M.SAEHVLTMLNEHEVK.F	19
PHEAT-7963	proteomics_heat	4072558	4072626	-	5	4	F.DHSQGSRLVHRDVCILTPLHRWR.S	27
PHEAT-7964	proteomics_heat	4078574	4078618	-	6	2	R.YLHCNLCETEWHVVR.V	19
PHEAT-7965	proteomics_heat	4079012	4079086	-	6	13	R.FAALIAHAQEVVLYDHPLEMDLTAR.I	29
PHEAT-7966	proteomics_heat	4080558	4080614	-	4	5	R.DTVGNNIGVYDNPNDLSAK.S	23
PHEAT-7967	proteomics_heat	4081056	4081124	-	4	3	K.HALLNAILQPEQFVEIGESLANK.L	27
PHEAT-7968	proteomics_heat	4083375	4083422	-	4	2	R.DANYIAQNAEGVTVNR.W	20
PHEAT-7969	proteomics_heat	4101811	4101867	-	5	4	K.DGITITVDDDGPGVSPEDR.E	23
PHEAT-7970	proteomics_heat	4101922	4102008	-	5	6	K.SLTVNFPPGPWPLYGNPNALESALENIVR.N	33
PHEAT-7971	proteomics_heat	4102009	4102071	-	5	2	K.ANQLWSEVLDNAAFEAEQMGK.S	25
PHEAT-7972	proteomics_heat	4103037	4103057	-	4	2	K.DGHPWFK.T	11
PHEAT-7973	proteomics_heat	4103079	4103108	-	4	5	R.AIDMHISNLR.R	14
PHEAT-7974	proteomics_heat	4103130	4103159	-	4	7	R.EHLSQEVLGK.R	14
PHEAT-7975	proteomics_heat	4103160	4103258	-	4	16	R.QEASFDGQTLELTGTEFTLLYLLAQHLGQVVS.R.E	37
PHEAT-7976	proteomics_heat	4103259	4103342	-	4	2	R.SHWSEQQQNNNGSPTLEVDALVLPGR.Q	32
PHEAT-7977	proteomics_heat	4103379	4103435	-	4	4	R.VLGLELGADDYLKPKFNDR.E	23
PHEAT-7978	proteomics_heat	4103454	4103492	-	4	5	R.QTHQTPVIMLTAR.G	17
PHEAT-7979	proteomics_heat	4103502	4103525	-	4	3	K.KNGIDTLK.A	12
PHEAT-7980	proteomics_heat	4103640	4103684	-	4	5	K.ILLVDDDDRELTSLK.E	19
PHEAT-7981	proteomics_heat	4104521	4104601	-	6	14	L.TDPVYHHAKILISNSSEAIIVAAIAAR.L	31
PHEAT-7982	proteomics_heat	4108790	4108816	-	6	5	K.ADAFAVIVK.A	13
PHEAT-7983	proteomics_heat	4108817	4108846	-	6	3	D.GALVGGASLK.A	14
PHEAT-7984	proteomics_heat	4108817	4108912	-	6	3	I.IQYGGSVNASNAAEQFAQPDIDGALVGGASLK.A	36
PHEAT-7985	proteomics_heat	4108817	4108942	-	6	124	K.VDANIAEQVIIQYGGSVNASNAAEQFAQPDIDGALVGGASLK.A	46
PHEAT-7986	proteomics_heat	4108967	4108993	-	6	2	T.PAQAAVHK.F	13

PHEAT-7987	proteomics_heat	4108967	4108996	-	6	5	A.TPAQAQAVHK.F	14
PHEAT-7988	proteomics_heat	4108967	4109002	-	6	22	K.SATPAQAQAVHK.F	16
PHEAT-7989	proteomics_heat	4108970	4109002	-	6	2	K.SATPAQAQAVH.K	15
PHEAT-7990	proteomics_heat	4109003	4109074	-	6	47	K.TQGAAAFEGAVIAYEPVWAIGTGK.S	28
PHEAT-7991	proteomics_heat	4109075	4109095	-	6	2	R.QIDAVLK.T	11
PHEAT-7992	proteomics_heat	4109096	4109179	-	6	2	K.EQGLTPVLCIGETEAEENEAGKTEEV.CAR.Q	32
PHEAT-7993	proteomics_heat	4109117	4109179	-	6	2	K.EQGLTPVLCIGETEAEENEAGK.T	25
PHEAT-7994	proteomics_heat	4109195	4109221	-	6	4	K.ESEDLIAKK.F	13
PHEAT-7995	proteomics_heat	4109195	4109233	-	6	2	R.TYHKESDELI.AKK.F	17
PHEAT-7996	proteomics_heat	4109198	4109233	-	6	2	R.TYHKESDELI.AK.K	16
PHEAT-7997	proteomics_heat	4109237	4109278	-	6	16	K.DIGAQYIIIGHSER.R	18
PHEAT-7998	proteomics_heat	4109279	4109374	-	6	109	R.EAEGSHIMLGAQNVDLNLGSAFTGETSAAMLK.D	36
PHEAT-7999	proteomics_heat	4109375	4109446	-	6	7	K.ELAGVAGCAVAIAPPEMYIDMAK.R.E	28
PHEAT-8000	proteomics_heat	4109378	4109446	-	6	14	K.ELAGVAGCAVAIAPPEMYIDMAK.R	27
PHEAT-8001	proteomics_heat	4112016	4112063	-	4	3	R.YAADLSYLPLMQELEK.R	20
PHEAT-8002	proteomics_heat	4112064	4112090	-	4	3	K.NLVLVHAAR.Y	13
PHEAT-8003	proteomics_heat	4112274	4112345	-	4	2	R.AYSYVNSPDNPDLEFYLVTPDGK.L	28
PHEAT-8004	proteomics_heat	4112382	4112462	-	4	4	K.VQNWTDALFSLTVHAPVLPFTAGQFTK.L	31
PHEAT-8005	proteomics_heat	4113063	4113104	-	4	2	R.HDAVIAEMQQLGVR.V	18
PHEAT-8006	proteomics_heat	4113105	4113170	-	4	3	R.NVAAALGKPLSELTVTILAKPR.H	26
PHEAT-8007	proteomics_heat	4113111	4113170	-	4	3	R.NVAAALGKPLSELTVTILAK.P	24
PHEAT-8008	proteomics_heat	4113480	4113524	-	4	2	R.GDKNTADGAAVNAMR.I	19
PHEAT-8009	proteomics_heat	4113806	4113838	-	6	2	R.EFRPGIETTER.N	15
PHEAT-8010	proteomics_heat	4113854	4113934	-	6	3	R.EVTALGAAYLAGLAVGFWQNLDELQEK.A	31
PHEAT-8011	proteomics_heat	4113956	4114021	-	6	2	R.VDGGAVANNFLMQFQSDILGTR.V	26
PHEAT-8012	proteomics_heat	4114037	4114075	-	6	3	R.DVLEAMQADSGIR.L	17
PHEAT-8013	proteomics_heat	4114076	4114108	-	6	2	R.ATLESIAYQTR.D	15
PHEAT-8014	proteomics_heat	4114160	4114237	-	6	2	K.VQNTNGVYVPAFTGLGAPYWDPYAR.G	30
PHEAT-8015	proteomics_heat	4114409	4114456	-	6	3	K.NTYGTGCFMLMNTGEK.A	20
PHEAT-8016	proteomics_heat	4114547	4114585	-	6	2	R.SSEVYGQTNIGGK.G	17
PHEAT-8017	proteomics_heat	4114547	4114588	-	6	3	R.RSSEVYGQTNIGGK.G	18
PHEAT-8018	proteomics_heat	4114637	4114678	-	6	2	R.TMLFNIHTLDWDDK.M	18
PHEAT-8019	proteomics_heat	4114679	4114711	-	6	3	R.VHVTDYTNASR.T	15
PHEAT-8020	proteomics_heat	4114925	4114969	-	6	3	K.ETGKPIYNAIVWQCR.R	19
PHEAT-8021	proteomics_heat	4114994	4115044	-	6	3	K.ADISSDQIAAIGITNQR.E	21
PHEAT-8022	proteomics_heat	4115144	4115191	-	6	3	R.AVVMHDANIISVSQR.E	20
PHEAT-8023	proteomics_heat	4116964	4117017	-	5	3	M.AAIPVGAAGEGIGESDVR.V	22
PHEAT-8024	proteomics_heat	4116964	4117062	-	5	3	R.QVDDLEELDIGIQAMAAIPVGAAGEGIGESDVR.V	37
PHEAT-8025	proteomics_heat	4117063	4117113	-	5	28	R.LAVQNEWEGLVYIGAVR.Q	21
PHEAT-8026	proteomics_heat	4117114	4117140	-	5	4	R.ALVDAELAR.L	13
PHEAT-8027	proteomics_heat	4117183	4117233	-	5	3	K.CFEDNGLLYDLLEQNGR.G	21
PHEAT-8028	proteomics_heat	4117234	4117266	-	5	2	R.ASFGGQIITVK.C	15
PHEAT-8029	proteomics_heat	4117267	4117347	-	5	9	K.YDTSELCDIYQEDVNVVVEPLFSNFGGR.A	31
PHEAT-8030	proteomics_heat	4117267	4117353	-	5	22	P.MKYDTSELCDIYQEDVNVVVEPLFSNFGGR.A	33
PHEAT-8031	proteomics_heat	4118451	4118489	-	4	13	K.HLDALVAEEDLSR.F	17
PHEAT-8032	proteomics_heat	4118592	4118645	-	4	5	R.IAEAAWQVNESTENIGAR.R	22

PHEAT-8033	proteomics_heat	4118646	4118702	-	4	2	K.ALMATEGVNIEFTDSGIKR.I	23
PHEAT-8034	proteomics_heat	4118703	4118744	-	4	5	R.ILTEPNASITVQYK.A	18
PHEAT-8035	proteomics_heat	4118745	4118783	-	4	4	R.VELQALTTSDFER.I	17
PHEAT-8036	proteomics_heat	4118796	4118876	-	4	4	K.TDHILFIASGAFQIAKPSDLIPELQGR.L	31
PHEAT-8037	proteomics_heat	4118829	4118876	-	4	2	K.TDHILFIASGAFQIAK.P	20
PHEAT-8038	proteomics_heat	4118892	4118933	-	4	5	R.DLLPLVEGCTVSTK.H	18
PHEAT-8039	proteomics_heat	4118949	4118981	-	4	5	K.RGESSGPDVSR.E	15
PHEAT-8040	proteomics_heat	4118982	4119050	-	4	6	K.QDAIDAVEQHGIVFIDEIDKICK.R	27
PHEAT-8041	proteomics_heat	4118991	4119050	-	4	5	K.QDAIDAVEQHGIVFIDEIDK.I	24
PHEAT-8042	proteomics_heat	4118991	4119074	-	4	11	K.LVNPEELKQDAIDAVEQHGIVFIDEIDK.I	32
PHEAT-8043	proteomics_heat	4119303	4119350	-	4	4	K.NNWWGQTEQQQEPSAAR.Q	20
PHEAT-8044	proteomics_heat	4119351	4119380	-	4	2	R.ILDVLIPPAK.N	14
PHEAT-8045	proteomics_heat	4119381	4119410	-	4	6	R.YRAEELAEER.I	14
PHEAT-8046	proteomics_heat	4119444	4119467	-	4	3	R.DLTDAAVK.M	12
PHEAT-8047	proteomics_heat	4119531	4119554	-	4	3	K.LANAPFIK.V	12
PHEAT-8048	proteomics_heat	4119582	4119617	-	4	6	K.NILMIGPTGVGK.T	16
PHEAT-8049	proteomics_heat	4119618	4119659	-	4	3	R.MQLNEELRHEVTPK.N	18
PHEAT-8050	proteomics_heat	4119696	4119749	-	4	8	R.EIVSELDKHIGQDNAKR.S	22
PHEAT-8051	proteomics_heat	4119699	4119725	-	4	9	K.HIIGQDNAK.R	13
PHEAT-8052	proteomics_heat	4119699	4119749	-	4	5	R.EIVSELDKHIGQDNAK.R	21
PHEAT-8053	proteomics_heat	4119726	4119749	-	4	2	R.EIVSELDK.H	12
PHEAT-8054	proteomics_heat	4120224	4120283	-	4	10	R.NGHVVIAGDQGQATLGNTVMK.G	24
PHEAT-8055	proteomics_heat	4120454	4120486	-	6	4	K.GKENADSTLNR.L	15
PHEAT-8056	proteomics_heat	4120775	4120810	-	6	3	R.TSQAAPVQAQPR.Q	16
PHEAT-8057	proteomics_heat	4121006	4121035	-	6	2	K.TPEQLTPEQR.Q	14
PHEAT-8058	proteomics_heat	4121036	4121071	-	6	2	R.APTEPSAGGEVK.T	16
PHEAT-8059	proteomics_heat	4121117	4121155	-	6	2	K.VTGNGLPPKPEER.W	17
PHEAT-8060	proteomics_heat	4123979	4124029	-	6	2	R.FNAPVEVLHSGLNDSER.L	21
PHEAT-8061	proteomics_heat	4126182	4126268	-	4	19	R.HATNSELLCEAFLHAFTGQPLPDDADLRK.E	33
PHEAT-8062	proteomics_heat	4126185	4126268	-	4	10	R.HATNSELLCEAFLHAFTGQPLPDDADLRK	32
PHEAT-8063	proteomics_heat	4126221	4126268	-	4	3	R.HATNSELLCEAFLHAF.T	20
PHEAT-8064	proteomics_heat	4126227	4126268	-	4	2	R.HATNSELLCEAFLH.A	18
PHEAT-8065	proteomics_heat	4126365	4126415	-	4	5	M.AEWSGEYISPYAEHGKK.S	21
PHEAT-8066	proteomics_heat	4126368	4126415	-	4	3	M.AEWSGEYISPYAEHGK.K	20
PHEAT-8067	proteomics_heat	4135549	4135599	-	5	3	T.VVQIQANTNLAIDGAR.Q	21
PHEAT-8068	proteomics_heat	4136363	4136410	-	6	3	K.AMLAAEQHVVTPALER.V	20
PHEAT-8069	proteomics_heat	4136519	4136569	-	6	5	R.LLAAGIGDALATWFEAR.A	21
PHEAT-8070	proteomics_heat	4136834	4136899	-	6	6	K.DAGLVVEIAPFGGECSEQNEIDR.L	26
PHEAT-8071	proteomics_heat	4137300	4137329	-	4	3	R.VDAQGGDGIR.T	14
PHEAT-8072	proteomics_heat	4137354	4137428	-	4	2	K.EGITTLGTAVYSAAQGLLAALAGAK.Y	29
PHEAT-8073	proteomics_heat	4146672	4146746	-	4	4	K.YSLAELIHTWSDLAGLSYDGYDPT.R	29
PHEAT-8074	proteomics_heat	4146750	4146773	-	4	5	R.DFSQDVDR.K	12
PHEAT-8075	proteomics_heat	4146795	4146836	-	4	2	R.HMYTIPFLLWTSEK.W	18
PHEAT-8076	proteomics_heat	4147143	4147202	-	4	3	R.EYDTNVLKPFEVLENDPAPK.K	24
PHEAT-8077	proteomics_heat	4147218	4147253	-	4	2	R.QTDKQYYMNQQR.T	16
PHEAT-8078	proteomics_heat	4147281	4147319	-	4	2	K.TFWITNQQTMTAR.N	17

PHEAT-8079	proteomics_heat	4147335	4147382	-	4	2	K.NPDLYLTQPSLMNMMK.Q	20
PHEAT-8080	proteomics_heat	4147671	4147721	-	4	6	R.MEPAAPWQFLTGYQYR.Q	21
PHEAT-8081	proteomics_heat	4148482	4148532	-	5	64	R.VEQALMVTIAGIAAGMR.N	21
PHEAT-8082	proteomics_heat	4148575	4148625	-	5	19	R.NIYTDPLNVLQAEELLHR.S	21
PHEAT-8083	proteomics_heat	4148626	4148700	-	5	130	K.VVLAIANDSLHLMADLPWIAESIQLR.N	29
PHEAT-8084	proteomics_heat	4148701	4148724	-	5	4	R.NLQEEDIK.V	12
PHEAT-8085	proteomics_heat	4148767	4148802	-	5	5	K.ADLWLAEYYDQR.L	16
PHEAT-8086	proteomics_heat	4148803	4148832	-	5	10	R.LGMLEMVFAK.A	14
PHEAT-8087	proteomics_heat	4148857	4148883	-	5	3	K.QSELEAMCR.D	13
PHEAT-8088	proteomics_heat	4148857	4148901	-	5	8	K.VVEDGKQSELEAMCR.D	19
PHEAT-8089	proteomics_heat	4148902	4148946	-	5	10	R.LMLPAWLGAGTALQK.V	19
PHEAT-8090	proteomics_heat	4148947	4148982	-	5	10	R.AIPWIFAWTQNR.L	16
PHEAT-8091	proteomics_heat	4148983	4149012	-	5	2	R.RPTGGVESLR.A	14
PHEAT-8092	proteomics_heat	4149016	4149072	-	5	14	R.SATPEQELGKPLGSRPAK.R	23
PHEAT-8093	proteomics_heat	4149025	4149072	-	5	5	R.SATPEQELGKPLGSR.P	20
PHEAT-8094	proteomics_heat	4149073	4149102	-	5	3	R.ENKDFVPYFR.S	14
PHEAT-8095	proteomics_heat	4149115	4149156	-	5	23	R.IMDELSVISCDVYR.G	18
PHEAT-8096	proteomics_heat	4149115	4149159	-	5	7	R.RIMDELSVISCDVYR.G	19
PHEAT-8097	proteomics_heat	4149172	4149261	-	5	4	K.YGLPEITVSSLSLYTGAILEANLLPPPEPK.E	34
PHEAT-8098	proteomics_heat	4149268	4149294	-	5	2	R.VTEQGEMIR.F	13
PHEAT-8099	proteomics_heat	4149307	4149360	-	5	19	R.GGAPAHAAALLSQPPGSLK.G	22
PHEAT-8100	proteomics_heat	4149379	4149411	-	5	17	K.AGIELTLFHGR.G	15
PHEAT-8101	proteomics_heat	4149424	4149483	-	5	22	K.DAGVMAASWAQYQAQDALIK.T	24
PHEAT-8102	proteomics_heat	4149484	4149519	-	5	3	K.QMVMIGYSDSAK.D	16
PHEAT-8103	proteomics_heat	4149649	4149687	-	5	30	K.TPSDVLAVHLLK.E	17
PHEAT-8104	proteomics_heat	4149688	4149765	-	5	47	R.EVLDTCQVIAEAPQGSIAAYVISMAK.T	30
PHEAT-8105	proteomics_heat	4149826	4149888	-	5	11	R.YLGIGDYESWSEADKQAF.LIR.E	25
PHEAT-8106	proteomics_heat	4149835	4149888	-	5	2	R.YLGIGDYESWSEADKQAF.L	22
PHEAT-8107	proteomics_heat	4149844	4149888	-	5	3	R.YLGIGDYESWSEADK.Q	19
PHEAT-8108	proteomics_heat	4149889	4149918	-	5	13	R.HTEALGELTR.Y	14
PHEAT-8109	proteomics_heat	4149946	4149969	-	5	4	K.CFGVPLVR.I	12
PHEAT-8110	proteomics_heat	4150024	4150122	-	5	2	R.LKGEELPKPEGLLTQNEELWEPLYACYQSLQAC.G	37
PHEAT-8111	proteomics_heat	4150123	4150155	-	5	8	R.LMATQAWLEAR.L	15
PHEAT-8112	proteomics_heat	4150183	4150278	-	5	18	K.DIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	36
PHEAT-8113	proteomics_heat	4150327	4150362	-	5	17	R.DGNPNVTADITR.H	16
PHEAT-8114	proteomics_heat	4150327	4150389	-	5	4	R.FTSWMGGDRDGNPNVTADITR.H	25
PHEAT-8115	proteomics_heat	4150390	4150416	-	5	6	K.LPVEFVVR.F	13
PHEAT-8116	proteomics_heat	4150390	4150455	-	5	6	R.ELNEQLEENLGKLPVEFVVR.F	26
PHEAT-8117	proteomics_heat	4150417	4150455	-	5	5	R.ELNEQLEENLGK.L	17
PHEAT-8118	proteomics_heat	4150456	4150506	-	5	7	G.FAVVENSLWQGVPNYLR.E	21
PHEAT-8119	proteomics_heat	4150513	4150542	-	5	5	K.LRPSPVDEAK.W	14
PHEAT-8120	proteomics_heat	4150543	4150584	-	5	8	R.QLIAQSWHTDEIRK.L	18
PHEAT-8121	proteomics_heat	4150546	4150584	-	5	6	R.QLIAQSWHTDEIR.K	17
PHEAT-8122	proteomics_heat	4150594	4150629	-	5	4	K.DIADYEHNQLMR.R	16
PHEAT-8123	proteomics_heat	4150594	4150644	-	5	6	K.QLDNKDIADYEHNQLMR.R	21
PHEAT-8124	proteomics_heat	4150645	4150671	-	5	4	K.MVEVNACLK.Q	13

PHEAT-8125	proteomics_heat	4150690	4150749	-	5	17	K.AVESLSLELVLTAHPTEITR.R	24
PHEAT-8126	proteomics_heat	4150750	4150785	-	5	9	K.NQPELSEDTIKK.A	16
PHEAT-8127	proteomics_heat	4150750	4150791	-	5	10	K.LKNQPELSEDTIKK.A	18
PHEAT-8128	proteomics_heat	4150753	4150791	-	5	5	K.LKNQPELSEDTIK.K	17
PHEAT-8129	proteomics_heat	4150804	4150839	-	5	7	K.GEAASNPEVIAR.T	16
PHEAT-8130	proteomics_heat	4150840	4150902	-	5	13	R.AFSQFLNLANTAQYHSISPK.G	25
PHEAT-8131	proteomics_heat	4150855	4150902	-	5	2	R.AFSQFLNLANTAQYH.S	20
PHEAT-8132	proteomics_heat	4150903	4150962	-	5	7	R.QELLTTLQNLNSDELPPVAR.A	24
PHEAT-8133	proteomics_heat	4150903	4150983	-	5	7	R.AGNDANRQELLTTLQNLNSDELPPVAR.A	31
PHEAT-8134	proteomics_heat	4151020	4151049	-	5	4	K.DALGEHILER.V	14
PHEAT-8135	proteomics_heat	4151020	4151070	-	5	16	K.VLGETIKDALGEHILER.V	21
PHEAT-8136	proteomics_heat	4151071	4151094	-	5	3	R.SNVSMGLK.V	12
PHEAT-8137	proteomics_heat	4151095	4151118	-	5	3	M.NEQYSALR.S	12
PHEAT-8138	proteomics_heat	4151095	4151121	-	5	2	N.MNEQYSALR.S	13
PHEAT-8139	proteomics_heat	4151722	4151760	-	5	3	R.ELITQVIHHFCWH.-	17
PHEAT-8140	proteomics_heat	4152007	4152078	-	5	10	R.PLPGMTLNLNGLLNDALAPVSER.W	28
PHEAT-8141	proteomics_heat	4152007	4152090	-	5	2	H.MDIRPLPGMTLNLNGLLNDALAPVSER.W	32
PHEAT-8142	proteomics_heat	4152115	4152174	-	5	3	F.TVPYPTLNLGHIHGGDASNR.I	24
PHEAT-8143	proteomics_heat	4152115	4152192	-	5	3	R.YHYEAFTVPYPTLNLGHIHGGDASNR.I	30
PHEAT-8144	proteomics_heat	4152211	4152267	-	5	17	R.GVNAIELMHDAIGHILQLR.D	23
PHEAT-8145	proteomics_heat	4152268	4152306	-	5	10	R.IQGQSGHSSDPAR.G	17
PHEAT-8146	proteomics_heat	4152340	4152414	-	5	8	R.YFAETTLRDPDCAIIGEPTSLQPVR.A	29
PHEAT-8147	proteomics_heat	4152415	4152477	-	5	3	K.LKKPLYILATADEETSMAGAR.Y	25
PHEAT-8148	proteomics_heat	4152529	4152591	-	5	2	R.DPFTLTEHDGKLYGLGTADMK.G	25
PHEAT-8149	proteomics_heat	4152601	4152687	-	5	7	K.FNMLASIGQGAGGLLLAGHTDTPFDDGR.W	33
PHEAT-8150	proteomics_heat	4152601	4152693	-	5	9	R.NKFNMLASIGQGAGGLLLAGHTDTPFDDGR.W	35
PHEAT-8151	proteomics_heat	4152694	4152738	-	5	6	K.DLGFNVVEVQVPVGR.N	19
PHEAT-8152	proteomics_heat	4152832	4152864	-	5	4	K.NKLPPFIEIYR.A	15
PHEAT-8153	proteomics_heat	4157449	4157520	-	5	4	K.GGGNTIEYFVNTTFNYPTMAEAYR.V	28
PHEAT-8154	proteomics_heat	4157521	4157565	-	5	5	R.AAEIIHIGQAIMEQK.G	19
PHEAT-8155	proteomics_heat	4157731	4157808	-	5	3	K.GEATAHLIEDIPTGIYTIPEISSVGK.T	30
PHEAT-8156	proteomics_heat	4157833	4157931	-	5	2	K.VNSMYQTAQPHVYAVGDVIGYPSLASAAYDQGR.I	37
PHEAT-8157	proteomics_heat	4157944	4158000	-	5	2	R.TGNTDSLALQNLIGLETDSR.G	23
PHEAT-8158	proteomics_heat	4158049	4158108	-	5	4	R.HNEEYKIEGCDDGVIMHLK.S	24
PHEAT-8159	proteomics_heat	4158283	4158327	-	5	3	R.IYSDSILSMHHEPR.H	19
PHEAT-8160	proteomics_heat	4158328	4158366	-	5	4	R.PYHPTDVFDFTHPR.I	17
PHEAT-8161	proteomics_heat	4158460	4158492	-	5	2	R.NHCEILQGNAR.F	15
PHEAT-8162	proteomics_heat	4158517	4158573	-	5	3	R.SSFADILNHADNVINQQTR.M	23
PHEAT-8163	proteomics_heat	4158652	4158702	-	5	3	R.YQNVGGGCTHWGTIPSK.A	21
PHEAT-8164	proteomics_heat	4158733	4158810	-	5	3	M.PHSYDYDAIVIGSGPGGEGAAMGLVK.Q	30
PHEAT-8165	proteomics_heat	4160502	4160591	-	4	2	R.VLATEIAKPSVAAAQYNIAANHIDNVQIIR.M	34
PHEAT-8166	proteomics_heat	4160781	4160819	-	4	3	K.TKIELDQDYIDER.L	17
PHEAT-8167	proteomics_heat	4160829	4160861	-	4	4	R.AQNLNVHLIGR.A	15
PHEAT-8168	proteomics_heat	4160874	4160915	-	4	3	K.KLDDEWRQEAELR.D	18
PHEAT-8169	proteomics_heat	4161006	4161074	-	4	2	R.VDSFPAASELINQLMTAMIAGVR.N	27
PHEAT-8170	proteomics_heat	4161006	4161080	-	4	5	R.IRVDSFPAASELINQLMTAMIAGVR.N	29

PHEAT-8171	proteomics_heat	4161087	4161140	-	4	2	R.IWHDGDDLYHIIFDQQT.K.S	22
PHEAT-8172	proteomics_heat	4161180	4161230	-	4	7	R.LQSMMPFSDLVPEVFR.S	21
PHEAT-8173	proteomics_heat	4161240	4161293	-	4	2	I.MTPEHLPTQYEAQLAEK.V	22
PHEAT-8174	proteomics_heat	4172111	4172140	-	6	3	K.SANHAVEEV.L	14
PHEAT-8175	proteomics_heat	4172258	4172311	-	6	2	K.FREGAFTDPDSYFHNYAK.L	22
PHEAT-8176	proteomics_heat	4172639	4172692	-	6	6	R.RVELITTDGFLHPNQVLK.E	22
PHEAT-8177	proteomics_heat	4172936	4172977	-	6	2	R.DSVPMTLSEDIAR.L	18
PHEAT-8178	proteomics_heat	4173534	4173638	-	4	15	L.FIRAGKRTRYRLGLRHRVAEIGGGGRIRTFEVC DGR.F	39
PHEAT-8179	proteomics_heat	4173777	4173866	-	4	2	R.EEKRS GADRQIRTADLT LTKGALYQLSYIS.T	34
PHEAT-8180	proteomics_heat	4189058	4189108	-	6	3	R.LRPCTGGIEPASIMDER.Q	21
PHEAT-8181	proteomics_heat	4189379	4189444	-	6	2	R.EQFSSLQMEVQPLAETEAELK.Q	26
PHEAT-8182	proteomics_heat	4189712	4189774	-	6	2	R.DDMMALLSPAASGYLEQLAQR.A	25
PHEAT-8183	proteomics_heat	4189891	4189944	-	5	2	R.SYFAHATSPLTGFLEASA.-	22
PHEAT-8184	proteomics_heat	4190167	4190241	-	5	3	R.LEEVGCAAVMPLGAPIGSNQGLET.R.A	29
PHEAT-8185	proteomics_heat	4190167	4190244	-	5	8	K.RLEEVGCAAVMPLGAPIGSNQGLET.R.A	30
PHEAT-8186	proteomics_heat	4190245	4190316	-	5	7	K.AAETLVQQGFVVL PYCGADPVLCK.R	28
PHEAT-8187	proteomics_heat	4190317	4190349	-	5	3	R.WLLPDIETLK.A	15
PHEAT-8188	proteomics_heat	4190401	4190439	-	5	5	K.TAEAI FAAHLAR.E	17
PHEAT-8189	proteomics_heat	4190440	4190514	-	5	5	R.QHNDAILEPLIAAGV TLLPNTSGAK.T	29
PHEAT-8190	proteomics_heat	4190530	4190565	-	5	2	R.ASGSQLVTLAMK.R	16
PHEAT-8191	proteomics_heat	4190566	4190601	-	5	4	K.FASSQLMVEAIR.A	16
PHEAT-8192	proteomics_heat	4190602	4190637	-	5	3	K.TFDSLHFTGTGK.F	16
PHEAT-8193	proteomics_heat	4190602	4190649	-	5	6	R.IADKTFDSLHFTGTGK.F	20
PHEAT-8194	proteomics_heat	4190777	4190860	-	6	3	A.MQILFNDQAMQCAAGQTVHELLEQLDQR.Q	32
PHEAT-8195	proteomics_heat	4190847	4190894	-	4	4	R.RASGCPVCGGSNADPV.-	20
PHEAT-8196	proteomics_heat	4190940	4190978	-	4	2	K.LLSGIETPAGELR.L	17
PHEAT-8197	proteomics_heat	4190979	4191044	-	4	21	R.TAGVVGPVVGVMGTLQALEAIK.L	26
PHEAT-8198	proteomics_heat	4191204	4191245	-	4	8	R.ADVVLDCTDNMATR.Q	18
PHEAT-8199	proteomics_heat	4191282	4191329	-	4	3	R.LTQLNPDIQLTALQQR.L	20
PHEAT-8200	proteomics_heat	4191351	4191389	-	4	3	R.QILFTTEDIDRPK.S	17
PHEAT-8201	proteomics_heat	4191715	4191762	-	5	3	R.LADYPTVAIGGISLAR.A	20
PHEAT-8202	proteomics_heat	4191817	4191861	-	5	7	R.PSYIALGHVFPTQTK.Q	19
PHEAT-8203	proteomics_heat	4191817	4191867	-	5	3	A.ARPSYIALGHVFPTQTK.Q	21
PHEAT-8204	proteomics_heat	4191931	4191996	-	5	11	K.HQAYGVHLGQEDLQATDLN AIR.A	26
PHEAT-8205	proteomics_heat	4192147	4192191	-	5	2	R.SGLYPVVDVSVQWIER.L	19
PHEAT-8206	proteomics_heat	4192362	4192394	-	4	2	K.VAHFCSMCGPK.F	15
PHEAT-8207	proteomics_heat	4192395	4192433	-	4	9	R.AYHDETL PQESGK.V	17
PHEAT-8208	proteomics_heat	4192434	4192478	-	4	3	R.WEDQFNLALDPFTAR.A	19
PHEAT-8209	proteomics_heat	4192539	4192568	-	4	11	K.IAAHAADLAK.G	14
PHEAT-8210	proteomics_heat	4192590	4192625	-	4	9	K.EHLGLPNKEDVK.Q	16
PHEAT-8211	proteomics_heat	4193004	4193039	-	4	3	K.WCLSHHQENFLY.Q	16
PHEAT-8212	proteomics_heat	4193106	4193174	-	4	70	R.DTLLEQAEQGV DYTIIHAGVLLR.Y	27
PHEAT-8213	proteomics_heat	4193175	4193216	-	4	4	K.VNGIAEDLTWEAFR.D	18
PHEAT-8214	proteomics_heat	4193217	4193267	-	4	6	R.NSPVPIGTVP IYQALEK.V	21
PHEAT-8215	proteomics_heat	4193301	4193339	-	4	2	R.WGADTVMDLSTGR.Y	17
PHEAT-8216	proteomics_heat	4193358	4193417	-	4	6	K.VNANIGNSAVTSSIEEEVEK.L	24

PHEAT-8217	proteomics_heat	4193433	4193489	-	4	3	R.AIPANINHPSEPMIIGR.N	23
PHEAT-8218	proteomics_heat	4193619	4193660	-	4	2	R.QGIITPEMEFIAIR.E	18
PHEAT-8219	proteomics_heat	4193838	4193876	-	4	3	D.PQIAINVQQGLAK.L	17
PHEAT-8220	proteomics_heat	4193838	4193909	-	4	3	I.PVYDTSGPYGDPQIAINVQQGLAK.L	28
PHEAT-8221	proteomics_heat	4193838	4193942	-	4	10	K.EQPQYEENEAI PVYDTSGPYGDPQIAINVQQGLAK.L	39
PHEAT-8222	proteomics_heat	4193943	4193981	-	4	2	R.EIQLSPTLIGGSK.E	17
PHEAT-8223	proteomics_heat	4193994	4194026	-	4	4	R.IYITGTHPGVR.V	15
PHEAT-8224	proteomics_heat	4194027	4194080	-	4	3	R.AQHFIDTLEGTAFPNKR.I	22
PHEAT-8225	proteomics_heat	4194030	4194080	-	4	12	R.AQHFIDTLEGTAFPNKR.R	21
PHEAT-8226	proteomics_heat	4194607	4194675	-	5	12	K.ALDDFCQSLVDYLSAGHFSIYER.I	27
PHEAT-8227	proteomics_heat	4202707	4202754	-	5	2	R.AYALMTDIHWDDCFR.K	20
PHEAT-8228	proteomics_heat	4202758	4202805	-	5	3	R.VLCVTALGHTVAEAQK.R	20
PHEAT-8229	proteomics_heat	4202806	4202844	-	5	9	K.LADDEQVVTNGGR.V	17
PHEAT-8230	proteomics_heat	4202845	4202889	-	5	2	P.LEEVAGGKVFHAGTK.L	19
PHEAT-8231	proteomics_heat	4202866	4202916	-	5	6	R.TGDVIHGLPLEEVAGGK.V	21
PHEAT-8232	proteomics_heat	4202917	4202967	-	5	3	R.ASLGVVMAAGGYPGDYR.T	21
PHEAT-8233	proteomics_heat	4203001	4203042	-	5	2	K.SDLVELCLAACESK.L	18
PHEAT-8234	proteomics_heat	4203001	4203048	-	5	3	R.MKSDLVELCLAACESK.L	20
PHEAT-8235	proteomics_heat	4203049	4203084	-	5	3	R.FGDPETQPIMLR.M	16
PHEAT-8236	proteomics_heat	4203217	4203291	-	5	2	K.DTGPNTGGMGAYSPAPVVTDDVHQR.T	29
PHEAT-8237	proteomics_heat	4203217	4203303	-	5	2	R.VGDKDTGPNTGGMGAYSPAPVVTDDVHQR.T	33
PHEAT-8238	proteomics_heat	4203217	4203306	-	5	2	K.RVGDKDTGPNTGGMGAYSPAPVVTDDVHQR.T	34
PHEAT-8239	proteomics_heat	4203406	4203495	-	5	49	K.GVIVAMTLEEA AVHDMLAGNAFGDAGHR.I	34
PHEAT-8240	proteomics_heat	4203547	4203612	-	5	4	R.HKIPTAEYQNFTEVEPALAYLR.E	26
PHEAT-8241	proteomics_heat	4203640	4203684	-	5	3	K.IFGPTAGAAQLEGSK.A	19
PHEAT-8242	proteomics_heat	4203721	4203762	-	5	3	K.IDLTIVGPEAPLVK.G	18
PHEAT-8243	proteomics_heat	4203763	4203900	-	5	4	K.AAQSPLVETVFVAPGNAGTALEPALQNVAIGVTDIPALLDFAQNEK.I	50
PHEAT-8244	proteomics_heat	4204044	4204109	-	4	4	R.DGIDAAAAAGVTCVIQPGGSIR.D	26
PHEAT-8245	proteomics_heat	4204110	4204148	-	4	5	K.GSSMASDAFFPFR.D	17
PHEAT-8246	proteomics_heat	4204206	4204247	-	4	5	K.NNMTIGIGAGQMSR.V	18
PHEAT-8247	proteomics_heat	4204311	4204337	-	4	5	K.RQPSEQELR.D	13
PHEAT-8248	proteomics_heat	4204350	4204382	-	4	6	R.DLGMVGAEEELR.V	15
PHEAT-8249	proteomics_heat	4204383	4204412	-	4	3	R.VNGLLVQDR.D	14
PHEAT-8250	proteomics_heat	4204383	4204415	-	4	2	K.RVNGLLVQDR.D	15
PHEAT-8251	proteomics_heat	4204437	4204466	-	4	2	R.VLTCGQWGER.V	14
PHEAT-8252	proteomics_heat	4204494	4204544	-	4	10	R.QFVEVIIAPSASEEALK.I	21
PHEAT-8253	proteomics_heat	4204545	4204583	-	4	11	R.ELDAETAQAISR.Q	17
PHEAT-8254	proteomics_heat	4204584	4204628	-	4	4	K.TDPTSAFGGIIAFNR.E	19
PHEAT-8255	proteomics_heat	4204584	4204637	-	4	2	R.AYKTDPSTAFGGIIAFNR.E	22
PHEAT-8256	proteomics_heat	4204638	4204694	-	4	10	K.HANPCGVAIGNSILDAYDR.A	23
PHEAT-8257	proteomics_heat	4204695	4204727	-	4	2	K.EFAEPACVIVK.H	15
PHEAT-8258	proteomics_heat	4204695	4204781	-	4	4	K.ALSYNNIADTDAALECVKEFAEPACVIVK.H	33
PHEAT-8259	proteomics_heat	4204728	4204781	-	4	6	K.ALSYNNIADTDAALECVK.E	22
PHEAT-8260	proteomics_heat	4204782	4204820	-	4	10	K.EASVATATQVQGK.A	17
PHEAT-8261	proteomics_heat	4204821	4204874	-	4	16	R.YGENSHQQAIFYIEENVK.E	22
PHEAT-8262	proteomics_heat	4204938	4205021	-	4	20	K.AFEHTAAYDSMIANYFGSMVPAYHGSK.E	32

PHEAT-8263	proteomics_heat	4205040	4205081	-	4	6	K.EMDDNEGSLLTR.F	18
PHEAT-8264	proteomics_heat	4205040	4205108	-	4	4	K.SSDYDAIIEKEMDDNEGSLLTR.F	27
PHEAT-8265	proteomics_heat	4205082	4205108	-	4	2	K.SSDYDAIIE.E	13
PHEAT-8266	proteomics_heat	4205151	4205213	-	4	5	R.EGCSLEDAVENIDIGGPTMVR.S	25
PHEAT-8267	proteomics_heat	4205214	4205306	-	4	5	R.GQDDAIMEEHQIQPIDMVVVNLYPFAQTVAR.E	35
PHEAT-8268	proteomics_heat	4205214	4205309	-	4	22	R.RGQDDAIMEEHQIQPIDMVVVNLYPFAQTVAR.E	36
PHEAT-8269	proteomics_heat	4205355	4205414	-	4	7	K.GLPVTEVSDYTGFPPEMDGR.V	24
PHEAT-8270	proteomics_heat	4205430	4205465	-	4	3	R.GVELLSTGGTAR.L	16
PHEAT-8271	proteomics_heat	4205466	4205504	-	4	7	K.AGIVEFAQALSAR.G	17
PHEAT-8272	proteomics_heat	4205505	4205528	-	4	2	R.ALLSVSDK.A	12
PHEAT-8273	proteomics_heat	4227521	4227565	-	6	5	K.GHATLGGPNTTYVFK.A	19
PHEAT-8274	proteomics_heat	4228073	4228123	-	6	2	K.AWLEHALPLIAEQLQGR.R	21
PHEAT-8275	proteomics_heat	4229523	4229558	-	4	2	R.VLTNSETNSIKK.D	16
PHEAT-8276	proteomics_heat	4229910	4229930	-	4	3	K.LHSNLFE.-	11
PHEAT-8277	proteomics_heat	4229931	4230008	-	4	9	R.MICYGASSHNLCLVPGEDAEQVVQK.L	30
PHEAT-8278	proteomics_heat	4230009	4230044	-	4	5	K.EVFGVLEPFNIR.M	16
PHEAT-8279	proteomics_heat	4230063	4230119	-	4	12	R.VEVEEGLALVALIGNDLSK.A	23
PHEAT-8280	proteomics_heat	4230255	4230290	-	4	3	R.GFLAEVFGILAR.H	16
PHEAT-8281	proteomics_heat	4230291	4230338	-	4	4	R.NQTLTLHSLNMLHSR.G	20
PHEAT-8282	proteomics_heat	4230357	4230407	-	4	3	R.AGGTLVCNKTNPPLFR.A	21
PHEAT-8283	proteomics_heat	4230381	4230407	-	4	5	R.AGGTLVCNK.T	13
PHEAT-8284	proteomics_heat	4230417	4230449	-	4	3	R.SDIPVFGSSK.D	15
PHEAT-8285	proteomics_heat	4230450	4230485	-	4	10	K.VLHPATLLPAVR.S	16
PHEAT-8286	proteomics_heat	4230486	4230539	-	4	15	R.IDEIAFAEAAEMATFGAK.V	22
PHEAT-8287	proteomics_heat	4230486	4230542	-	4	26	K.RIDEIAFAEAAEMATFGAK.V	23
PHEAT-8288	proteomics_heat	4230561	4230608	-	4	5	R.VDIWTDVPGIYTTDPR.V	20
PHEAT-8289	proteomics_heat	4230609	4230662	-	4	15	R.GGSDYTAALLAEALHASR.V	22
PHEAT-8290	proteomics_heat	4230687	4230737	-	4	17	R.LNEGLVITQGFISENK.G	21
PHEAT-8291	proteomics_heat	4230738	4230794	-	4	17	R.AEPDIAALAEALQLLPR.L	23
PHEAT-8292	proteomics_heat	4230828	4230857	-	4	2	R.DVQAQWFDVR.K	14
PHEAT-8293	proteomics_heat	4230987	4231025	-	4	2	R.LRYPNVIREIER.L	17
PHEAT-8294	proteomics_heat	4231026	4231052	-	4	3	R.NIQFAILER.L	13
PHEAT-8295	proteomics_heat	4231155	4231190	-	4	4	R.SADIVLSDANVR.L	16
PHEAT-8296	proteomics_heat	4231191	4231232	-	4	3	K.FGGTSVADFDAMNR.S	18
PHEAT-8297	proteomics_heat	4231233	4231253	-	4	2	M.SEIVVSK.F	11
PHEAT-8298	proteomics_heat	4243303	4243332	-	5	2	R.TAVINAASGR.Q	14
PHEAT-8299	proteomics_heat	4243534	4243611	-	5	2	K.GQPSKPFVGVLSAGINAASPNKELAK.E	30
PHEAT-8300	proteomics_heat	4244008	4244058	-	5	12	K.LIAYPIAVEALSLIYNK.D	21
PHEAT-8301	proteomics_heat	4244227	4244262	-	5	2	K.VTVEHPDKLEEK.F	16
PHEAT-8302	proteomics_heat	4252144	4252197	-	5	20	R.DEGYISDSGDAEPAETMK.V	22
PHEAT-8303	proteomics_heat	4252231	4252275	-	5	4	R.LSVLHGINAPEFFDK.A	19
PHEAT-8304	proteomics_heat	4252378	4252407	-	5	2	R.TLQLLAAGAR.E	14
PHEAT-8305	proteomics_heat	4252408	4252464	-	5	4	R.QGLITLQDDELHINPAHSR.T	23
PHEAT-8306	proteomics_heat	4252465	4252521	-	5	6	R.WDRDELDPVIDALANEMQR.Q	23
PHEAT-8307	proteomics_heat	4252597	4252659	-	5	3	R.NNIAHMLVPLSLMAAIVTQHR.H	25
PHEAT-8308	proteomics_heat	4252690	4252737	-	5	4	K.FEVEKDTIGDIIILPR.E	20

PHEAT-8309	proteomics_heat	4252819	4252863	-	5	2	R.EQLTEQLNCYLDLMR.N	19
PHEAT-8310	proteomics_heat	4252945	4252998	-	5	2	R.PAWLTPTVNNIAADLMVR.I	22
PHEAT-8311	proteomics_heat	4252945	4253028	-	5	4	R.ESIDPIEAVRPAWLTPVNNIAADLMVR.I	32
PHEAT-8312	proteomics_heat	4253179	4253256	-	5	15	R.GGTRPITLIPIYIGYEHVMEVGTYAK.E	30
PHEAT-8313	proteomics_heat	4253569	4253616	-	5	2	R.QLAHDGHELIVYVPCR.S	20
PHEAT-8314	proteomics_heat	4253623	4253658	-	5	3	R.LYQGINVHNAER.V	16
PHEAT-8315	proteomics_heat	4253695	4253760	-	5	10	K.AQQNAIALMEEIAANFSYEMIR.L	26
PHEAT-8316	proteomics_heat	4254055	4254084	-	5	2	R.EKGEVNPPLR.M	14
PHEAT-8317	proteomics_heat	4254151	4254180	-	5	6	K.LFHDYLDLHR.S	14
PHEAT-8318	proteomics_heat	4254247	4254318	-	5	6	R.AQCLAHDLPDPLEPLEIDGTLLPR.Y	28
PHEAT-8319	proteomics_heat	4257871	4257927	-	5	3	R.LMSLQDGAISAYDLLDLR.E	23
PHEAT-8320	proteomics_heat	4261304	4261327	-	6	5	R.AHEILES.R	12
PHEAT-8321	proteomics_heat	4261340	4261375	-	6	2	K.VDVAEQKYPLK.D	16
PHEAT-8322	proteomics_heat	4261376	4261435	-	6	7	R.EELTEASNELFSLIASGVK.V	24
PHEAT-8323	proteomics_heat	4261436	4261486	-	6	6	K.GSLYVTRPSLQGYITR.E	21
PHEAT-8324	proteomics_heat	4261724	4261753	-	6	2	K.LIGTVGTAQK.A	14
PHEAT-8325	proteomics_heat	4261769	4261852	-	6	2	K.TYEIKPDEQFLFHAAGGVLIACQWAK.A	32
PHEAT-8326	proteomics_heat	4261883	4261939	-	6	11	K.AAILPAAISFEQAAASFLK.G	23
PHEAT-8327	proteomics_heat	4261940	4262002	-	6	3	R.VVYAQSALGAYSSVHNIADK.A	25
PHEAT-8328	proteomics_heat	4262042	4262110	-	6	2	R.SGLYPPPSLPSGLGTEAAGIVSK.V	27
PHEAT-8329	proteomics_heat	4262111	4262146	-	6	2	K.AIGINFIDTYR.S	16
PHEAT-8330	proteomics_heat	4262147	4262227	-	6	5	K.HGGPEVLQAVEFTPADPAENEIQVENK.A	31
PHEAT-8331	proteomics_heat	4269264	4269356	-	4	2	K.RGTGQTLYLDEPTTGLHFADIQQLLDVLHK.L	35
PHEAT-8332	proteomics_heat	4269384	4269428	-	4	2	R.LGQSATTLSGGEAQR.V	19
PHEAT-8333	proteomics_heat	4269429	4269470	-	4	4	R.KLQTLMDVGLTYIR.L	18
PHEAT-8334	proteomics_heat	4269504	4269545	-	4	5	K.TIHEVLDMTIEEAR.E	18
PHEAT-8335	proteomics_heat	4269957	4270037	-	4	4	R.GNNLKDVTLTLPVGLFTCITGVSGSGK.S	31
PHEAT-8336	proteomics_heat	4270110	4270238	-	4	2	R.AADHVIDIGPGAGVHGGEVVAEGPLEAIMAVPESLTGQYMSGK.R	47
PHEAT-8337	proteomics_heat	4270554	4270637	-	4	3	R.HVYVENTPLPAISDMSIGHAMEFFNNLK.L	32
PHEAT-8338	proteomics_heat	4270698	4270742	-	4	3	R.YKETESSAVREELAK.F	19
PHEAT-8339	proteomics_heat	4270746	4270781	-	4	2	R.HPFEGVLHNMER.R	16
PHEAT-8340	proteomics_heat	4271016	4271096	-	4	3	R.LFSFNNPAGACPTCDGLGVQYFDPDR.V	31
PHEAT-8341	proteomics_heat	4271247	4271270	-	4	2	K.VRDDLTQR.L	12
PHEAT-8342	proteomics_heat	4271568	4271609	-	4	3	R.STVGTITEIHLYR.L	18
PHEAT-8343	proteomics_heat	4273851	4273871	-	4	19	R.FTLIIGR.C	11
PHEAT-8344	proteomics_heat	4276865	4276888	-	6	2	T.DTRGRNYR.K	12
PHEAT-8345	proteomics_heat	4279316	4279390	-	6	6	F.SSVSAARRSSIFWIATIATSAVAAR.A	29
PHEAT-8346	proteomics_heat	4283475	4283513	-	4	2	G.DTSTLADPGVVEK.L	17
PHEAT-8347	proteomics_heat	4283475	4283543	-	4	6	K.IAAGDTSNLGDTSTLADPGVVEK.L	27
PHEAT-8348	proteomics_heat	4283475	4283546	-	4	2	R.KIAAGDTSNLGDTSTLADPGVVEK.L	28
PHEAT-8349	proteomics_heat	4283583	4283639	-	4	3	K.EIGPLATPDVHLHWTDLSPK.T	23
PHEAT-8350	proteomics_heat	4283655	4283729	-	4	3	K.GQAIYAYVTLNHGEEPSPELYAEVR.N	29
PHEAT-8351	proteomics_heat	4283730	4283771	-	4	5	K.IAEAAVVGIPHNK.G	18
PHEAT-8352	proteomics_heat	4283772	4283816	-	4	5	R.LGTAEIESALVAHPK.I	19
PHEAT-8353	proteomics_heat	4283817	4283849	-	4	2	R.VDDVLNVSGHR.L	15
PHEAT-8354	proteomics_heat	4283850	4283885	-	4	5	R.RDEDGYYWITGR.V	16

PHEAT-8355	proteomics_heat	4284195	4284251	-	4	5	R.ILGSVGEPIINPEAWEWYWK.K	23
PHEAT-8356	proteomics_heat	4284309	4284350	-	4	6	K.HQVNILYTAPTAIR.A	18
PHEAT-8357	proteomics_heat	4284309	4284371	-	4	7	R.MAQVVDKHKQVNILYTAPTAIR.A	25
PHEAT-8358	proteomics_heat	4284729	4284794	-	4	4	K.NVDDALKNPNVTSVEHVVLKR.T	26
PHEAT-8359	proteomics_heat	4284732	4284794	-	4	3	K.NVDDALKNPNVTSVEHVVLK.R	25
PHEAT-8360	proteomics_heat	4284873	4284932	-	4	7	R.IGAVHSVIFGGFSPEAVAGR.I	24
PHEAT-8361	proteomics_heat	4284933	4285004	-	4	5	K.KGDVVAIYMPMVPEAAVAMLACAR.I	28
PHEAT-8362	proteomics_heat	4285143	4285190	-	4	2	K.WYEDGTLNLAANCLDR.H	20
PHEAT-8363	proteomics_heat	4285191	4285226	-	4	2	K.NTSFAPGNVSIK.W	16
PHEAT-8364	proteomics_heat	4310268	4310321	-	4	3	K.LADYIICSPAPETPLLGR.N	22
PHEAT-8365	proteomics_heat	4324476	4324508	-	4	5	R.LVEGDHNIDCK.I	15
PHEAT-8366	proteomics_heat	4324572	4324622	-	4	14	K.DANGNLLADGDSVTIIK.D	21
PHEAT-8367	proteomics_heat	4343760	4343804	-	4	2	K.IEVDFPAFILVDDK.G	19
PHEAT-8368	proteomics_heat	4343760	4343804	-	4	2	K.IEVDFPAFILVDDK.G	19
PHEAT-8369	proteomics_heat	4344072	4344104	-	4	5	K.DHPIYYAGPAK.T	15
PHEAT-8370	proteomics_heat	4344072	4344104	-	4	5	K.DHPIYYAGPAK.T	15
PHEAT-8371	proteomics_heat	4344204	4344245	-	4	4	K.EILAQLSQYPVSTR.L	18
PHEAT-8372	proteomics_heat	4344204	4344245	-	4	4	K.EILAQLSQYPVSTR.L	18
PHEAT-8373	proteomics_heat	4344204	4344269	-	4	4	R.VDLNRPKEILAQLSQYPVSTR.L	26
PHEAT-8374	proteomics_heat	4344204	4344269	-	4	4	R.VDLNRPKEILAQLSQYPVSTR.L	26
PHEAT-8375	proteomics_heat	4344384	4344434	-	4	9	R.HGASCPVGMGVSCSADR.N	21
PHEAT-8376	proteomics_heat	4344384	4344434	-	4	9	R.HGASCPVGMGVSCSADR.N	21
PHEAT-8377	proteomics_heat	4344453	4344473	-	4	2	K.YFAHDIR.V	11
PHEAT-8378	proteomics_heat	4344453	4344473	-	4	2	K.YFAHDIR.V	11
PHEAT-8379	proteomics_heat	4344546	4344596	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PHEAT-8380	proteomics_heat	4344546	4344596	-	4	5	K.YYDELPTEGNEHGQAFR.D	21
PHEAT-8381	proteomics_heat	4344621	4344698	-	4	18	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PHEAT-8382	proteomics_heat	4344621	4344698	-	4	18	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PHEAT-8383	proteomics_heat	4344813	4344881	-	4	10	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PHEAT-8384	proteomics_heat	4344813	4344881	-	4	10	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PHEAT-8385	proteomics_heat	4344915	4344950	-	4	3	R.GVYNTYIEDNLR.Y	16
PHEAT-8386	proteomics_heat	4344915	4344950	-	4	3	R.GVYNTYIEDNLR.Y	16
PHEAT-8387	proteomics_heat	4345002	4345052	-	4	6	K.GVLPTCQDTGTAIIVGK.K	21
PHEAT-8388	proteomics_heat	4345002	4345052	-	4	6	K.GVLPTCQDTGTAIIVGK.K	21
PHEAT-8389	proteomics_heat	4345074	4345124	-	4	2	R.DPEASENDKYVALQFLR.N	21
PHEAT-8390	proteomics_heat	4345074	4345124	-	4	2	R.DPEASENDKYVALQFLR.N	21
PHEAT-8391	proteomics_heat	4351400	4351423	-	6	3	R.FQEQVNAK.A	12
PHEAT-8392	proteomics_heat	4351424	4351477	-	6	3	R.EIGNGFSELNDAEDQAER.F	22
PHEAT-8393	proteomics_heat	4351478	4351534	-	6	15	R.RNDVNPEITDRFEFFIGGR.E	23
PHEAT-8394	proteomics_heat	4351478	4351534	-	6	15	R.RNDVNPEITDRFEFFIGGR.E	23
PHEAT-8395	proteomics_heat	4351502	4351534	-	6	3	R.RNDVNPEITDR.F	15
PHEAT-8396	proteomics_heat	4351502	4351534	-	6	3	R.RNDVNPEITDR.F	15
PHEAT-8397	proteomics_heat	4351535	4351630	-	6	5	R.IVTEIFDEVAEHLIQPTFITEYPAEVSPLAR.R	36
PHEAT-8398	proteomics_heat	4351685	4351735	-	6	5	K.YRPETDMADLDFDAK.A	21
PHEAT-8399	proteomics_heat	4351763	4351810	-	6	2	K.VTYGEHVDFGKPFK.L	20
PHEAT-8400	proteomics_heat	4351844	4351876	-	6	4	K.DLIELTESLFR.T	15

PHEAT-8401	proteomics_heat	4351844	4351876	-	6	4	K.DLIELTESLFR.T	15
PHEAT-8402	proteomics_heat	4351895	4351930	-	6	2	R.HNPEFTMMELYM.A	16
PHEAT-8403	proteomics_heat	4351895	4351930	-	6	2	R.HNPEFTMMELYM.A	16
PHEAT-8404	proteomics_heat	4352030	4352077	-	6	35	R.PFITHHNALDLDMYLR.I	20
PHEAT-8405	proteomics_heat	4352030	4352077	-	6	35	R.PFITHHNALDLDMYLR.I	20
PHEAT-8406	proteomics_heat	4352078	4352137	-	6	4	R.GFMEVETPMMQVIPGGASAR.P	24
PHEAT-8407	proteomics_heat	4352243	4352272	-	6	2	K.FHGLQDQEVY.Y	14
PHEAT-8408	proteomics_heat	4352243	4352296	-	6	3	K.ALRPLPDKFHGLQDQEVY.Y	22
PHEAT-8409	proteomics_heat	4352258	4352296	-	6	2	K.ALRPLPDKFHGLQ.D	17
PHEAT-8410	proteomics_heat	4352258	4352296	-	6	2	K.ALRPLPDKFHGLQ.D	17
PHEAT-8411	proteomics_heat	4352309	4352344	-	6	5	K.TGELSIHCTELR.L	16
PHEAT-8412	proteomics_heat	4352309	4352344	-	6	5	K.TGELSIHCTELR.L	16
PHEAT-8413	proteomics_heat	4352309	4352350	-	6	2	K.TQTGELSIHCTELR.L	18
PHEAT-8414	proteomics_heat	4352398	4352463	-	5	3	V.AVFNCTLQEIACQKVITISLK.N	26
PHEAT-8415	proteomics_heat	4352399	4352437	-	6	2	R.DSLPEGVYNDQFK.K	17
PHEAT-8416	proteomics_heat	4352459	4352494	-	6	4	K.ASFVTLQDVGGR.I	16
PHEAT-8417	proteomics_heat	4352459	4352494	-	6	4	K.ASFVTLQDVGGR.I	16
PHEAT-8418	proteomics_heat	4360894	4360965	-	5	5	K.SAAYDFTHELLTTLEVDDPAMVAK.Q	28
PHEAT-8419	proteomics_heat	4360966	4361058	-	5	4	K.NNRYPGCLFIAACTFYDPDPGHPHQADQK.S	35
PHEAT-8420	proteomics_heat	4361098	4361136	-	5	2	R.QLMLDETQTAEQK.L	17
PHEAT-8421	proteomics_heat	4361098	4361139	-	5	2	R.RQLMLDETQTAEQK.L	18
PHEAT-8422	proteomics_heat	4361170	4361211	-	5	5	R.FWPDKAEAILYDALR.Y	18
PHEAT-8423	proteomics_heat	4361242	4361295	-	5	2	K.LLELQGIANTTLEMVAER.V	22
PHEAT-8424	proteomics_heat	4361428	4361499	-	5	3	K.HLNVLGLPTILFFDGGQGEHPQAR.V	28
PHEAT-8425	proteomics_heat	4363044	4363136	-	4	2	K.SHHPYQTPPELLVLPVTHGDTDYLSWLNASLR.-	35
PHEAT-8426	proteomics_heat	4363137	4363178	-	4	5	K.TTVSHQQALLECLK.S	18
PHEAT-8427	proteomics_heat	4363290	4363364	-	4	4	K.SSNTASVVVLTAPDEATAQDLAAK.V	29
PHEAT-8428	proteomics_heat	4364161	4364190	-	5	4	K.RLEEGLVELR.G	14
PHEAT-8429	proteomics_heat	4366087	4366140	-	5	4	K.SVANAIIAACDEVLNNGK.C	22
PHEAT-8430	proteomics_heat	4366264	4366305	-	5	2	R.EVPADAYYGVHTLR.A	18
PHEAT-8431	proteomics_heat	4375263	4375316	-	4	2	R.TPTISDEVKQEMLAVATR.E	22
PHEAT-8432	proteomics_heat	4375515	4375544	-	4	2	R.DDGGNLNVINK.G	14
PHEAT-8433	proteomics_heat	4376182	4376223	-	5	2	R.WVQSNLKPLDINEK.T	18
PHEAT-8434	proteomics_heat	4376248	4376298	-	5	3	K.AVHVSPGALDAEAYGVK.S	21
PHEAT-8435	proteomics_heat	4376719	4376769	-	5	4	K.KQPVTQQTLFELGSVSK.T	21
PHEAT-8436	proteomics_heat	4376878	4376910	-	5	2	A.APQQINDIVHR.T	15
PHEAT-8437	proteomics_heat	4377809	4377853	-	6	4	K.VESSKDFLIATLKPR.-	19
PHEAT-8438	proteomics_heat	4377854	4377889	-	6	4	K.HVDPAAIQQGK.V	16
PHEAT-8439	proteomics_heat	4378115	4378162	-	6	2	R.TADQGTNIQTPAQMAK.Y	20
PHEAT-8440	proteomics_heat	4378163	4378237	-	6	4	R.DLVVDMTHFIESLEAIKPYIIGNSR.T	29
PHEAT-8441	proteomics_heat	4378406	4378501	-	6	3	R.YNPEVDTAPHSAFYEVYPYDATSLLDALGYIK.D	36
PHEAT-8442	proteomics_heat	4378551	4378604	-	4	3	R.VYGGEDAADKAEAAKK.E	22
PHEAT-8443	proteomics_heat	4378938	4378988	-	4	2	K.IRDEMGLAMEEGCGIYR.T	21
PHEAT-8444	proteomics_heat	4378989	4379033	-	4	4	R.LKDLVNQDGGENWAK.I	19
PHEAT-8445	proteomics_heat	4379034	4379099	-	4	4	R.AATAGNGNEAAIEAQAAGVEQR.L	26
PHEAT-8446	proteomics_heat	4379229	4379330	-	4	2	K.AYVGVDVPVKEPIVVRPTAHYTMGGIETDQNCETR.I	38

PHEAT-8447	proteomics_heat	4380246	4380284	-	4	2	R.AAIAAAQANPNAK.I	17
PHEAT-8448	proteomics_heat	4384589	4384633	-	6	2	A.NFISGLIILFEKPIR.I	19
PHEAT-8449	proteomics_heat	4386176	4386232	-	6	4	R.ELLNSLLQGGDTLLLELTK.L	23
PHEAT-8450	proteomics_heat	4387217	4387285	-	6	2	K.AAKPAQPEVVEALQSALNALEER.K	27
PHEAT-8451	proteomics_heat	4387550	4387591	-	6	3	K.VNLVEQLESLSVTK.I	18
PHEAT-8452	proteomics_heat	4387655	4387702	-	6	5	R.WTWPAGENDGVSALLK.G	20
PHEAT-8453	proteomics_heat	4387841	4387918	-	6	2	R.EMIYVPGDLFSVNHLTAQNVPNLFR.N	30
PHEAT-8454	proteomics_heat	4387997	4388059	-	6	2	K.GHNYSLLEALLAGNYLMADLFR.N	25
PHEAT-8455	proteomics_heat	4388060	4388089	-	6	3	K.IEEDKILQAK.G	14
PHEAT-8456	proteomics_heat	4388090	4388167	-	6	3	R.DEVRPIDTDPNVLVMPADGVISQLGK.I	30
PHEAT-8457	proteomics_heat	4388090	4388200	-	6	2	R.TFNEFFVRPLRDEVRPIDTDPNVLVMPADGVISQLGK.I	41
PHEAT-8458	proteomics_heat	4388201	4388233	-	6	3	K.EAQKPDASYR.T	15
PHEAT-8459	proteomics_heat	4388594	4388623	-	6	3	K.HDTDPGCAIR.E	14
PHEAT-8460	proteomics_heat	4388720	4388770	-	6	3	R.LYHFPHGDDVIDSPGVR.E	21
PHEAT-8461	proteomics_heat	4388771	4388836	-	6	2	K.EILTNDISDNSGLGQHTTTAAR.L	26
PHEAT-8462	proteomics_heat	4388873	4388908	-	6	2	R.ISIFAGQSGVGK.S	16
PHEAT-8463	proteomics_heat	4388909	4388974	-	6	4	R.VLMVSSHTQDGLKPLEEALTGR.I	26
PHEAT-8464	proteomics_heat	4389224	4389250	-	6	3	K.GIVEAVHER.T	13
PHEAT-8465	proteomics_heat	4389251	4389298	-	6	3	R.VVWRPGKPAAEVNVK.G	20
PHEAT-8466	proteomics_heat	4389344	4389391	-	6	3	R.FGMHADVESADGDVHR.C	20
PHEAT-8467	proteomics_heat	4389392	4389454	-	6	2	K.EKPDYDDNLFGEPEDEGIVISR.F	25
PHEAT-8468	proteomics_heat	4415727	4415783	-	4	3	K.NANPEILQQLAQGVSIILR.V	23
PHEAT-8469	proteomics_heat	4424807	4424857	-	6	2	A.LLNAYSDLPHDLKIGLR.S	21
PHEAT-8470	proteomics_heat	4426501	4426557	-	5	2	R.EAQLDIQSQSQPPTTEQLR.A	23
PHEAT-8471	proteomics_heat	4431190	4431252	-	5	2	K.LIGHPTTTLAESVSHLFNVNN.-	25
PHEAT-8472	proteomics_heat	4431289	4431351	-	5	3	K.SVGLPDGLADMLADSDVGASK.G	25
PHEAT-8473	proteomics_heat	4431415	4431477	-	5	5	K.VYELAGDSAWTLTQLAAELTK.Q	25
PHEAT-8474	proteomics_heat	4431478	4431507	-	5	4	R.VISEAGHEGK.V	14
PHEAT-8475	proteomics_heat	4431553	4431639	-	5	2	R.NGWYSENYLASAPAALEHGVFIGAAGDGK.I	33
PHEAT-8476	proteomics_heat	4431679	4431756	-	5	2	K.FIAYTSLHADTSPGLADEHIETEK.M	30
PHEAT-8477	proteomics_heat	4431844	4431900	-	5	3	R.QADYGDEAALTSALQGVK.L	23
PHEAT-8478	proteomics_heat	4432534	4432611	-	5	3	T.ASGIYWRMRCWRILSALQAMHRRPDK.L	30
PHEAT-8479	proteomics_heat	4432954	4433028	-	5	2	R.IKNLTFNGKPIDPNAMFLVATNNYR.A	29
PHEAT-8480	proteomics_heat	4433029	4433070	-	5	3	R.YDGECQMINANAER.I	18
PHEAT-8481	proteomics_heat	4433311	4433346	-	5	2	R.KNDPASVVEVEK.G	16
PHEAT-8482	proteomics_heat	4433359	4433436	-	5	2	K.AYVEHYIQGDPDLAKLPVLSAAAPFK.V	30
PHEAT-8483	proteomics_heat	4433392	4433436	-	5	2	K.AYVEHYIQGDPDLAK.L	19
PHEAT-8484	proteomics_heat	4433437	4433469	-	5	3	D.PTVQVVNNAQK.A	15
PHEAT-8485	proteomics_heat	4433605	4433643	-	5	2	K.AEARPIYDIANKK.S	17
PHEAT-8486	proteomics_heat	4434442	4434513	-	5	2	R.IMETTDLHSNMMDFDYKDTATEK.F	28
PHEAT-8487	proteomics_heat	4439621	4439695	-	6	6	R.HITTEIANATPFYEAEDDHQYLHK.N	29
PHEAT-8488	proteomics_heat	4439948	4440025	-	6	2	R.LFWQLPGVYSTAAGYTGGYTPNPTYR.E	30
PHEAT-8489	proteomics_heat	4440143	4440178	-	6	3	K.HLVSPADALPGR.N	16
PHEAT-8490	proteomics_heat	4442071	4442154	-	5	3	L.IFFHKLIIAPDRCKTVTRVRLYPRPVR.Q	32
PHEAT-8491	proteomics_heat	4447160	4447186	-	6	4	K.AEIVASFER.A	13
PHEAT-8492	proteomics_heat	4447187	4447219	-	6	4	K.VEGWENAEAAK.A	15

PHEAT-8493	proteomics_heat	4447235	4447279	-	6	4	K.AQIAHFFEHYKDLEK.G	19
PHEAT-8494	proteomics_heat	4447247	4447279	-	6	4	K.AQIAHFFEHYK.D	15
PHEAT-8495	proteomics_heat	4447280	4447309	-	6	3	K.DVNDLPELLK.A	14
PHEAT-8496	proteomics_heat	4447280	4447327	-	6	15	K.EYDHIKDVNDLPELLK.A	20
PHEAT-8497	proteomics_heat	4447280	4447336	-	6	7	K.LSKEYDHIKDVNDLPELLK.A	23
PHEAT-8498	proteomics_heat	4447337	4447360	-	6	3	K.LVAVPHSK.L	12
PHEAT-8499	proteomics_heat	4447361	4447390	-	6	7	K.MTDEAGEDAK.L	14
PHEAT-8500	proteomics_heat	4447415	4447489	-	6	8	T.LSLDGDVPDVLVPTPYPLQPGSVIR.C	29
PHEAT-8501	proteomics_heat	4447415	4447495	-	6	5	N.HTLSLDGDVPDVLVPTPYPLQPGSVIR.C	31
PHEAT-8502	proteomics_heat	4447544	4447570	-	6	3	K.ESGALFVDR.F	13
PHEAT-8503	proteomics_heat	4447544	4447585	-	6	3	K.YEIDKESGALFVDR.F	18
PHEAT-8504	proteomics_heat	4447544	4447645	-	6	41	K.DLPEDIYVVIEIPANADPIKYEIDKESGALFVDR.F	38
PHEAT-8505	proteomics_heat	4447646	4447672	-	6	7	M.SLLNVPAKG.D	13
PHEAT-8506	proteomics_heat	4452661	4452705	-	5	6	R.SFFVGNHDMVEDVER.F	19
PHEAT-8507	proteomics_heat	4452661	4452708	-	5	4	R.RSFFVGNHDMVEDVER.F	20
PHEAT-8508	proteomics_heat	4452766	4452819	-	5	2	R.LLYECNPMFLAEQAGGK.A	22
PHEAT-8509	proteomics_heat	4452826	4452873	-	5	3	K.GGIYLPSTASHPDGK.L	20
PHEAT-8510	proteomics_heat	4452919	4452966	-	5	3	K.FCQEEDKSTNRPYTSR.Y	20
PHEAT-8511	proteomics_heat	4452979	4453029	-	5	2	K.TYSINEGNYIKFPNGVK.K	21
PHEAT-8512	proteomics_heat	4452997	4453029	-	5	2	K.TYSINEGNYIK.F	15
PHEAT-8513	proteomics_heat	4453177	4453233	-	5	7	R.VTPVGTPTVEEDFLQPGNK.Q	23
PHEAT-8514	proteomics_heat	4453177	4453236	-	5	2	R.RVTPVGTPTVEEDFLQPGNK.Q	24
PHEAT-8515	proteomics_heat	4453441	4453506	-	5	7	K.AGLVDILGASGAENVQGEVQK.L	26
PHEAT-8516	proteomics_heat	4453543	4453599	-	5	2	K.QHEFSHATGELTALLSAIK.L	23
PHEAT-8517	proteomics_heat	4455454	4455516	-	5	2	R.LIDQGDDAIAEVLNLWPDADR.Q	25
PHEAT-8518	proteomics_heat	4455538	4455567	-	5	6	R.HNQQVVLVFK.L	14
PHEAT-8519	proteomics_heat	4455697	4455735	-	5	4	K.NALDKIPLDADLR.A	17
PHEAT-8520	proteomics_heat	4460003	4460086	-	6	5	K.SISTATAVTAQIIAQVASHIYGGTTINR.I	32
PHEAT-8521	proteomics_heat	4464691	4464741	-	5	2	R.NISYLGVPVPHSDVTTGKR.R	21
PHEAT-8522	proteomics_heat	4468556	4468582	-	6	2	K.IEIEIAIVR.R	13
PHEAT-8523	proteomics_heat	4468622	4468672	-	6	8	N.ATYEAFFTEHNATFFPAR.S	21
PHEAT-8524	proteomics_heat	4468622	4468675	-	6	3	V.NATYEAFFTEHNATFFPAR.S	22
PHEAT-8525	proteomics_heat	4468622	4468699	-	6	90	K.DLNDFATVFNATYEAFFTEHNATFFPAR.S	30
PHEAT-8526	proteomics_heat	4468736	4468762	-	6	7	K.AIVEAAGLK.V	13
PHEAT-8527	proteomics_heat	4468784	4468810	-	6	2	V.PADVAAQAR.Q	13
PHEAT-8528	proteomics_heat	4468784	4468822	-	6	10	K.TGEVPADVAAQAR.Q	17
PHEAT-8529	proteomics_heat	4468823	4468927	-	6	14	K.TIATENAPAAIGPYVQGVDLGNMIITSGQIPVNP.K	39
PHEAT-8530	proteomics_heat	4469012	4469053	-	6	7	K.YCEKEFSHNVVLAN.-	18
PHEAT-8531	proteomics_heat	4469087	4469131	-	6	3	N.CISHAEPVSSSFAVR.K	19
PHEAT-8532	proteomics_heat	4469087	4469137	-	6	7	N.SNCISHAEPVSSSFAVR.K	21
PHEAT-8533	proteomics_heat	4469087	4469143	-	6	2	C.PNSNCISHAEPVSSSFAVR.K	23
PHEAT-8534	proteomics_heat	4469087	4469164	-	6	10	R.IDNVLVCPNSNCISHAEPVSSSFAVR.K	30
PHEAT-8535	proteomics_heat	4469087	4469188	-	6	2	K.SRPSLPERIDNVLVCPNSNCISHAEPVSSSFAVR.K	38
PHEAT-8536	proteomics_heat	4469087	4469203	-	6	4	Y.EVVGKSRPSLPERIDNVLVCPNSNCISHAEPVSSSFAVR.K	43
PHEAT-8537	proteomics_heat	4469189	4469215	-	6	8	R.IDNYEVVVGK.S	13
PHEAT-8538	proteomics_heat	4469216	4469278	-	6	5	T.FLSEDQVDQLALYAPQATVNR.I	25

PHEAT-8539	proteomics_heat	4469216	4469290	-	6	28	K.IENTFLESDQVDQLALYAPQATVNR.I	29
PHEAT-8540	proteomics_heat	4469303	4469347	-	6	5	R.ITIGLNLPSEMGGRK.D	19
PHEAT-8541	proteomics_heat	4469306	4469347	-	6	6	R.ITIGLNLPSEMGGRK.K	18
PHEAT-8542	proteomics_heat	4469387	4469428	-	6	19	R.GTVIDHIPAQIGFK.L	18
PHEAT-8543	proteomics_heat	4469387	4469431	-	6	3	K.RGTVIDHIPAQIGFK.L	19
PHEAT-8544	proteomics_heat	4469498	4469527	-	6	13	R.QALLALVLNR.D	14
PHEAT-8545	proteomics_heat	4469528	4469569	-	6	2	H.AWYFQQAGNGIFAR.Q	18
PHEAT-8546	proteomics_heat	4469528	4469578	-	6	27	K.TPHAWYFQQAGNGIFAR.Q	21
PHEAT-8547	proteomics_heat	4469528	4469608	-	6	32	R.VDEIATDVDKTPHAWYFQQAGNGIFAR.Q	31
PHEAT-8548	proteomics_heat	4469534	4469578	-	6	2	K.TPHAWYFQQAGNGIF.A	19
PHEAT-8549	proteomics_heat	4469579	4469608	-	6	9	R.VDEIATDVDK.T	14
PHEAT-8550	proteomics_heat	4469684	4469707	-	6	4	D.PSEYANVK.A	12
PHEAT-8551	proteomics_heat	4469684	4469713	-	6	6	R.LDPSEYANVK.A	14
PHEAT-8552	proteomics_heat	4469684	4469719	-	6	9	K.ERLDPSEYANVK.A	16
PHEAT-8553	proteomics_heat	4469801	4469839	-	6	3	L.AMPQYILDMLDEK.G	17
PHEAT-8554	proteomics_heat	4469801	4469857	-	6	3	F.IAPDALAMPQYILDMLDEK.G	23
PHEAT-8555	proteomics_heat	4469801	4469860	-	6	2	Y.FIAPDALAMPQYILDMLDEK.G	24
PHEAT-8556	proteomics_heat	4469801	4469866	-	6	22	R.FYFIAPDALAMPQYILDMLDEK.G	26
PHEAT-8557	proteomics_heat	4469882	4469914	-	6	27	R.TVHSLTQALAK.F	15
PHEAT-8558	proteomics_heat	4469924	4469962	-	6	57	R.LDNLHVAMVGD.LK.Y	17
PHEAT-8559	proteomics_heat	4469963	4470076	-	6	40	R.LATEFSGNVPVLNAGDGSNQHPTQTLDDLFTIQETQGR.L	42
PHEAT-8560	proteomics_heat	4470077	4470166	-	6	2	K.KGETLADTISVISTYVDAIVMRHPQEGAAR.L	34
PHEAT-8561	proteomics_heat	4470101	4470163	-	6	52	K.GETLADTISVISTYVDAIVMR.H	25
PHEAT-8562	proteomics_heat	4470101	4470166	-	6	62	K.KGETLADTISVISTYVDAIVMR.H	26
PHEAT-8563	proteomics_heat	4470164	4470220	-	6	5	R.LGASVVGFSDSANTS.LGKK.G	23
PHEAT-8564	proteomics_heat	4470167	4470220	-	6	38	R.LGASVVGFSDSANTS.LGKK.K	22
PHEAT-8565	proteomics_heat	4470221	4470247	-	6	9	R.LSFETSMHR.L	13
PHEAT-8566	proteomics_heat	4470254	4470289	-	6	12	K.VIASCFFEA.STR.T	16
PHEAT-8567	proteomics_heat	4470296	4470328	-	6	5	K.LKANPQPELLK.H	15
PHEAT-8568	proteomics_heat	4470329	4470364	-	6	22	R.DDLNLVLATAAK.L	16
PHEAT-8569	proteomics_heat	4470329	4470394	-	6	18	K.HIISINDLSRDDLNLVLATAAK.L	26
PHEAT-8570	proteomics_heat	4470365	4470394	-	6	20	K.HIISINDLSR.D	14
PHEAT-8571	proteomics_heat	4475474	4475524	-	6	9	K.FLHCLPAFHDDQTTLGK.Q	21
PHEAT-8572	proteomics_heat	4475474	4475524	-	6	9	K.FLHCLPAFHDDQTTLGK.Q	21
PHEAT-8573	proteomics_heat	4475525	4475557	-	6	5	K.MMQLTGNPEVK.F	15
PHEAT-8574	proteomics_heat	4475672	4475725	-	6	11	R.ALAQQNGGNITLTEDVAK.G	22
PHEAT-8575	proteomics_heat	4475726	4475779	-	6	7	R.LVAPQACWPEAALVTECR.A	22
PHEAT-8576	proteomics_heat	4475780	4475836	-	6	20	R.NNMGNMLEAAALTGLDLR.L	23
PHEAT-8577	proteomics_heat	4475780	4475836	-	6	20	R.NNMGNMLEAAALTGLDLR.L	23
PHEAT-8578	proteomics_heat	4475837	4475878	-	6	6	K.AFNEMTLVYAGDAR.N	18
PHEAT-8579	proteomics_heat	4475837	4475878	-	6	6	K.AFNEMTLVYAGDAR.N	18
PHEAT-8580	proteomics_heat	4475879	4475953	-	6	4	N.GLTNEFHPTQLLADLLTMQEHLPGK.A	29
PHEAT-8581	proteomics_heat	4476014	4476037	-	6	3	R.MYDGIQYR.G	12
PHEAT-8582	proteomics_heat	4476014	4476037	-	6	3	R.MYDGIQYR.G	12
PHEAT-8583	proteomics_heat	4476050	4476073	-	6	4	K.ESIKDTAR.V	12
PHEAT-8584	proteomics_heat	4476050	4476073	-	6	4	K.ESIKDTAR.V	12

PHEAT-8585	proteomics_heat	4476074	4476115	-	6	13	R.VTYLGPSSQIGHK.E	18
PHEAT-8586	proteomics_heat	4476074	4476115	-	6	13	R.VTYLGPSSQIGHK.E	18
PHEAT-8587	proteomics_heat	4476116	4476154	-	6	2	R.CSFEVAAYDQGAR.V	17
PHEAT-8588	proteomics_heat	4476248	4476301	-	6	18	K.LLDFTPAELNSLLQLAAK.L	22
PHEAT-8589	proteomics_heat	4477489	4477524	-	5	2	R.RLTLDQNPAPIAR.V	16
PHEAT-8590	proteomics_heat	4479047	4479076	-	6	5	R.EKLEGYAEAK.A	14
PHEAT-8591	proteomics_heat	4479083	4479106	-	6	4	R.APEAVIAK.E	12
PHEAT-8592	proteomics_heat	4479107	4479133	-	6	2	K.LANEGFVAR.A	13
PHEAT-8593	proteomics_heat	4479188	4479256	-	6	9	K.IIDGAELLIPMAGLINKEDELAR.L	27
PHEAT-8594	proteomics_heat	4479206	4479256	-	6	2	K.IIDGAELLIPMAGLINK.E	21
PHEAT-8595	proteomics_heat	4479257	4479313	-	6	4	R.LESITVLPADDKGPVSVTK.I	23
PHEAT-8596	proteomics_heat	4479380	4479427	-	6	9	R.AEMNIAPGKPLELLLR.G	20
PHEAT-8597	proteomics_heat	4479569	4479616	-	6	8	R.LAHPIIPFITETIWQR.V	20
PHEAT-8598	proteomics_heat	4479617	4479652	-	6	12	R.HTLVTVLEGLLR.L	16
PHEAT-8599	proteomics_heat	4479803	4479835	-	6	2	R.WILAEFNQTIK.A	15
PHEAT-8600	proteomics_heat	4479983	4480015	-	6	4	R.FTLAALASTGR.D	15
PHEAT-8601	proteomics_heat	4480016	4480060	-	6	8	K.QFPNGIEPHGTDALR.F	19
PHEAT-8602	proteomics_heat	4480118	4480183	-	6	4	K.GNVIDPLDMVDGISELPELLEKR.T	26
PHEAT-8603	proteomics_heat	4480118	4480189	-	6	7	K.SKGNVIDPLDMVDGISELPELLEKR.T	28
PHEAT-8604	proteomics_heat	4480121	4480183	-	6	8	K.GNVIDPLDMVDGISELPELLEK.R	25
PHEAT-8605	proteomics_heat	4480121	4480189	-	6	6	K.SKGNVIDPLDMVDGISELPELLEK.R	27
PHEAT-8606	proteomics_heat	4480460	4480495	-	6	4	R.KENNLGADVLR.Q	16
PHEAT-8607	proteomics_heat	4480514	4480558	-	6	7	R.IPAWYDEAGNVYVGR.N	19
PHEAT-8608	proteomics_heat	4480580	4480606	-	6	2	R.DIQDWCISR.Q	13
PHEAT-8609	proteomics_heat	4480607	4480639	-	6	2	K.QYENMYFSWMR.D	15
PHEAT-8610	proteomics_heat	4480640	4480705	-	6	8	R.ADVLAKPAVEAVENGDIQFVPK.Q	26
PHEAT-8611	proteomics_heat	4480706	4480753	-	6	6	R.GGVVIEPMLTDQWYVR.A	20
PHEAT-8612	proteomics_heat	4480754	4480834	-	6	16	K.AVVAAVDALGLLEEIKPHDLTPYGD.R.G	31
PHEAT-8613	proteomics_heat	4480754	4480837	-	6	20	R.KAVVAAVDALGLLEEIKPHDLTPYGD.R.G	32
PHEAT-8614	proteomics_heat	4480859	4480909	-	6	6	K.GNESDVYSSEIPAEFQK.L	21
PHEAT-8615	proteomics_heat	4480910	4480936	-	6	2	R.ESAQVFDTK.G	13
PHEAT-8616	proteomics_heat	4480937	4480984	-	6	27	R.HALPMINILTFDGD.R.E	20
PHEAT-8617	proteomics_heat	4480985	4481029	-	6	10	K.ITPAHDFNDYEVGKR.H	19
PHEAT-8618	proteomics_heat	4480988	4481029	-	6	3	K.ITPAHDFNDYEVGK.R	18
PHEAT-8619	proteomics_heat	4481042	4481086	-	6	2	R.IPIVGDEHADMEKGT.G	19
PHEAT-8620	proteomics_heat	4481048	4481086	-	6	2	R.IPIVGDEHADMEK.G	17
PHEAT-8621	proteomics_heat	4481048	4481089	-	6	7	R.RIPIVGDEHADMEK.G	18
PHEAT-8622	proteomics_heat	4481090	4481116	-	6	3	K.YVILPLVNR.R	13
PHEAT-8623	proteomics_heat	4481138	4481233	-	6	2	K.TADGKDYLVVATTRPETLLGDTGVAVNPEDPR.Y	36
PHEAT-8624	proteomics_heat	4481234	4481257	-	6	2	R.YPLADGAK.T	12
PHEAT-8625	proteomics_heat	4481288	4481320	-	6	3	R.TAISDLEVENR.E	15
PHEAT-8626	proteomics_heat	4481357	4481383	-	6	8	R.LYKEDLIYR.G	13
PHEAT-8627	proteomics_heat	4481399	4481434	-	6	4	R.FTMDEGLSNAVK.E	16
PHEAT-8628	proteomics_heat	4481399	4481440	-	6	2	R.ERFTMDEGLSNAVK.E	18
PHEAT-8629	proteomics_heat	4481441	4481467	-	6	2	R.LGNSVDWER.E	13
PHEAT-8630	proteomics_heat	4481441	4481470	-	6	2	R.RLGNSVDWER.E	14

PHEAT-8631	proteomics_heat	4481507	4481539	-	6	3	R.EAFIDKIWEWK.A	15
PHEAT-8632	proteomics_heat	4481585	4481647	-	6	9	K.NTLWQVGTDHAGIATQMVVER.K	25
PHEAT-8633	proteomics_heat	4481585	4481674	-	6	3	M.IRYQRMQKNTLWQVGTDHAGIATQMVVER.K	34
PHEAT-8634	proteomics_heat	4481669	4481713	-	6	2	H.MGHAFQQTIMDTMIR.Y	19
PHEAT-8635	proteomics_heat	4481801	4481851	-	6	3	K.TYNPQDIEQPLYEHWEK.Q	21
PHEAT-8636	proteomics_heat	4482487	4482537	-	5	10	K.GATGRPVALLAQFLLNR.A	21
PHEAT-8637	proteomics_heat	4482553	4482594	-	5	2	K.YNWAHLDIAGTAWR.S	18
PHEAT-8638	proteomics_heat	4482607	4482717	-	5	5	R.LPLGDEYQEQLSNFADMANIGGRPGGAITAGCFLSR.F	41
PHEAT-8639	proteomics_heat	4482790	4482870	-	5	3	R.FEPEAVIDVATLTGACVIALGHHITGL.M	31
PHEAT-8640	proteomics_heat	4482871	4482906	-	5	5	R.LVLCDVLTYYVER.F	16
PHEAT-8641	proteomics_heat	4482907	4482984	-	5	23	R.AYRPGDVLTTMSGQTVLELNTDAEGR.L	30
PHEAT-8642	proteomics_heat	4482985	4483059	-	5	11	R.MVAELQLPINVIGVLACENMPGGGR.A	29
PHEAT-8643	proteomics_heat	4483102	4483164	-	5	2	K.GLTFDSGGISIKPSEGMDMK.Y	25
PHEAT-8644	proteomics_heat	4483165	4483209	-	5	3	K.GNASEDARPIVLVVK.G	19
PHEAT-8645	proteomics_heat	4483210	4483287	-	5	7	K.ELGMHSYLAVGQGSQNESLMSVIEYK.G	30
PHEAT-8646	proteomics_heat	4483288	4483311	-	5	2	R.VIGEQQMK.E	12
PHEAT-8647	proteomics_heat	4483351	4483410	-	5	8	K.DLGNMPPNICNAAYLASQAR.Q	24
PHEAT-8648	proteomics_heat	4483420	4483458	-	5	10	R.AIQHGLAIAAGIK.A	17
PHEAT-8649	proteomics_heat	4483483	4483506	-	5	2	K.MVFNVPTR.R	12
PHEAT-8650	proteomics_heat	4483621	4483689	-	5	11	K.TINTLNLDGSMCAVCFTELHVK.G	27
PHEAT-8651	proteomics_heat	4483759	4483827	-	5	2	R.GELEGKPGQTLHHVHPNLSER.I	27
PHEAT-8652	proteomics_heat	4483831	4483863	-	5	2	K.ISDGYISALLR.R	15
PHEAT-8653	proteomics_heat	4483831	4483893	-	5	6	R.LSPIAEQLDKISDGYISALLR.R	25
PHEAT-8654	proteomics_heat	4483864	4483896	-	5	5	R.RLSPIAEQLDK.I	15
PHEAT-8655	proteomics_heat	4486659	4486685	-	4	3	K.DGVVQTMAS.S	13
PHEAT-8656	proteomics_heat	4487532	4487588	-	4	2	K.SFQNYGNISSASVGAQR.G	23
PHEAT-8657	proteomics_heat	4487670	4487720	-	4	3	R.LLNLNDVQSGVLNIIFR.I	21
PHEAT-8658	proteomics_heat	4487862	4487906	-	4	2	K.GDLTGVAQAGTVSEK.L	19
PHEAT-8659	proteomics_heat	4487907	4487960	-	4	4	K.LAESLSEIGVPVFMADVK.G	22
PHEAT-8660	proteomics_heat	4493348	4493392	-	6	2	R.SVSGSATGTPYELRK.L	19
PHEAT-8661	proteomics_heat	4509529	4509645	-	5	2	R.HRRLLPVSALTGALLLVADLLARIHPPLELPVGLTA.I	43
PHEAT-8662	proteomics_heat	4517535	4517582	-	4	3	R.FYDKEGMPVADVDQR.I	20
PHEAT-8663	proteomics_heat	4517655	4517702	-	4	3	K.AFFVGNALDENPLIR.V	20
PHEAT-8664	proteomics_heat	4518060	4518098	-	4	2	R.VIIVPDGEHAGKR.D	17
PHEAT-8665	proteomics_heat	4535742	4535810	-	4	2	R.AYGVSLPWNNLLIIGGETAGGK.A	27
PHEAT-8666	proteomics_heat	4536228	4536254	-	4	2	K.KAEDYFFNK.F	13
PHEAT-8667	proteomics_heat	4551425	4551466	-	6	9	H.RKRFPFFTTQTQR.F	18
PHEAT-8668	proteomics_heat	4552451	4552501	-	6	6	L.ISNYTISTGSWHVQVVK.K	21
PHEAT-8669	proteomics_heat	4556458	4556514	-	5	3	K.GEILPGNDADLLVMTPELR.I	23
PHEAT-8670	proteomics_heat	4556515	4556592	-	5	2	K.DYDFSISDALRPLTSSVAGFLNLTGK.G	30
PHEAT-8671	proteomics_heat	4556932	4556991	-	5	2	R.VGGLLGGKPGVTVFHMGDSK.K	24
PHEAT-8672	proteomics_heat	4556992	4557042	-	5	6	R.SAAPDVYHLANMAAESR.V	21
PHEAT-8673	proteomics_heat	4557217	4557276	-	5	2	R.LTEAGVTSVVGLLGTDSSISR.H	24
PHEAT-8674	proteomics_heat	4576209	4576247	-	4	2	K.KAEPFVSLCQK.M	17
PHEAT-8675	proteomics_heat	4576791	4576868	-	4	2	K.TESYCLEDALNDLFIPTTIETILKR.L	30
PHEAT-8676	proteomics_heat	4577039	4577086	-	6	2	N.GSSLQTYLKQSQSIFR.Q	20

PHEAT-8677	proteomics_heat	4578148	4578204	-	5	3	R.AENPDLISGENSAAALLEK.I	23
PHEAT-8678	proteomics_heat	4578295	4578336	-	5	4	R.RVEQLFAYADTIEK.Q	18
PHEAT-8679	proteomics_heat	4578679	4578708	-	5	2	R.AGHVDQNDIR.F	14
PHEAT-8680	proteomics_heat	4578778	4578813	-	5	2	K.KLNFESILTELR.N	16
PHEAT-8681	proteomics_heat	4579351	4579398	-	5	4	K.EQAINYLKDDYLPLIR.A	20
PHEAT-8682	proteomics_heat	4579417	4579470	-	5	3	K.LPEGWVIAPVSTVTLIR.G	22
PHEAT-8683	proteomics_heat	4579521	4579556	-	4	5	R.ELGASDEADLQR.Q	16
PHEAT-8684	proteomics_heat	4579827	4579862	-	4	3	R.VYGEDPHGLSPR.T	16
PHEAT-8685	proteomics_heat	4579863	4579901	-	4	3	R.TPFTDEHLQPFR.V	17
PHEAT-8686	proteomics_heat	4580157	4580207	-	4	2	K.QLCFMQHIIETLHPGGR.A	21
PHEAT-8687	proteomics_heat	4580235	4580294	-	4	6	K.AHIVATNPPFGSAAGTNITR.T	24
PHEAT-8688	proteomics_heat	4580295	4580336	-	4	3	R.LGNTLGSDDGENLPK.A	18
PHEAT-8689	proteomics_heat	4580337	4580402	-	4	5	R.LALMNCLLHDIEGNLDHGGAIR.L	26
PHEAT-8690	proteomics_heat	4580442	4580501	-	4	2	K.SQTNDLDDLDGDTQDFQIHR.A	24
PHEAT-8691	proteomics_heat	4580511	4580567	-	4	3	R.EVVQDPAAGTAGFLIEADR.Y	23
PHEAT-8692	proteomics_heat	4580601	4580642	-	4	3	K.SGAGQYFTPRPLIK.T	18
PHEAT-8693	proteomics_heat	4580661	4580705	-	4	2	K.SRDDFGDMYEGLLQK.N	19
PHEAT-8694	proteomics_heat	4580769	4580819	-	4	6	K.LVQAVFHNVSTTITEPK.Q	21
PHEAT-8695	proteomics_heat	4580820	4580852	-	4	5	K.MLVHLGEDDKK.L	15
PHEAT-8696	proteomics_heat	4581734	4581799	-	6	4	K.SLYGDYDTPQDFLEAFDSLVR.S	26
PHEAT-8697	proteomics_heat	4582139	4582189	-	6	2	K.VELQTLVNEITDSETYK.I	21
PHEAT-8698	proteomics_heat	4582607	4582657	-	6	2	R.AVCNELTNYLDPTGSQK.T	21
PHEAT-8699	proteomics_heat	4582685	4582759	-	6	3	R.ISPQGEVINDTLEDDQDFEVADFNR.G	29
PHEAT-8700	proteomics_heat	4583123	4583155	-	6	2	K.IHVATVQSLVK.R	15
PHEAT-8701	proteomics_heat	4583498	4583560	-	6	2	K.ALPEWHRPEELLEMLGSEPQK.Q	25
PHEAT-8702	proteomics_heat	4583948	4583977	-	6	2	K.GARPEPGVNK.A	14
PHEAT-8703	proteomics_heat	4584263	4584307	-	6	3	R.EKAQTQAEVEAQQQK.L	19
PHEAT-8704	proteomics_heat	4584332	4584370	-	6	2	R.GENLYHQEVTLK.Q	17
PHEAT-8705	proteomics_heat	4584458	4584520	-	6	2	R.IGNQAVHEYHNDLNDAQMCLR.L	25
PHEAT-8706	proteomics_heat	4586529	4586609	-	4	5	R.LVIECTGMADPGPIIQTFFSHEVLCQR.Y	31
PHEAT-8707	proteomics_heat	4586610	4586681	-	4	8	R.SNELEDALLDLDNLKGNIQFDR.L	28
PHEAT-8708	proteomics_heat	4586631	4586681	-	4	3	R.SNELEDALLDLDNLDK.G	21
PHEAT-8709	proteomics_heat	4586838	4586888	-	4	2	S.MNPIAVTLTGLGAGK.T	21
PHEAT-8710	proteomics_heat	4597775	4597828	-	6	3	K.DGQQLNLDNIGTTPLAEK.V	22
PHEAT-8711	proteomics_heat	4597904	4597954	-	6	3	K.LASVTDAENIKNVLEK.L	21
PHEAT-8712	proteomics_heat	4598366	4598413	-	6	3	K.RPTGMLTNSNMEEMTK.L	20
PHEAT-8713	proteomics_heat	4598621	4598662	-	6	6	K.NHLAAAICNELLR.G	18
PHEAT-8714	proteomics_heat	4598774	4598821	-	6	2	R.SGIRPLHQNCSFENYR.V	20
PHEAT-8715	proteomics_heat	4599277	4599363	-	5	3	K.LARPGSDVALDDQLYQEPQAAPVAVPMGK.F	33
PHEAT-8716	proteomics_heat	4603033	4603083	-	5	2	L.LGEATVESLRHALFFEK.T	21
PHEAT-8717	proteomics_heat	4604863	4604946	-	5	2	K.GRFDMIISNPPFHDGMQTSLDAAQTLIR.G	32
PHEAT-8718	proteomics_heat	4605139	4605189	-	5	4	R.DGLDVGSQLLLSTLTPH.T	21
PHEAT-8719	proteomics_heat	4605325	4605366	-	5	2	R.SAEQMLADYAPLNK.V	18
PHEAT-8720	proteomics_heat	4605616	4605657	-	5	2	R.ILFAGDLQDDLPAR.L	18
PHEAT-8721	proteomics_heat	4605658	4605684	-	5	3	R.HSDDFEQSR.I	13
PHEAT-8722	proteomics_heat	4614471	4614545	-	4	2	K.QVSPNLTFIYDPEITPDDLLLLEVAK.N	29

PHEAT-8723	proteomics_heat	4621250	4621306	-	6	2	R.AQVFTDSLNPAPLEALAGR.L	23
PHEAT-8724	proteomics_heat	4621322	4621363	-	6	2	R.FTWGGVELHFDVEK.G	18
PHEAT-8725	proteomics_heat	4621427	4621495	-	6	2	R.VEAEIISPKNKTPDLNFAETFAR.Q	27
PHEAT-8726	proteomics_heat	4621847	4621927	-	6	2	R.SSGGGAVFHDLGNTCFTFMAGKPEYDK.T	31
PHEAT-8727	proteomics_heat	4622507	4622554	-	6	2	R.ILDAGVYDEQGDLIAR.S	20
PHEAT-8728	proteomics_heat	4626938	4627027	-	6	2	R.IATHILDYQDEGKVEFFEGNFTEYEEYKRR.T	34
PHEAT-8729	proteomics_heat	4627043	4627102	-	6	8	R.ALENALLEFPGCAMVISHDR.W	24
PHEAT-8730	proteomics_heat	4627103	4627174	-	6	12	K.LLQVGGNMLLLDEPTNDLDIETLR.A	28
PHEAT-8731	proteomics_heat	4627196	4627222	-	6	3	R.VGELSGGER.G	13
PHEAT-8732	proteomics_heat	4627196	4627225	-	6	3	K.RVGELSGGER.G	14
PHEAT-8733	proteomics_heat	4627271	4627297	-	6	2	K.IGNTEMPSR.A	13
PHEAT-8734	proteomics_heat	4627298	4627339	-	6	4	K.TVWEEVSGGLDIMK.I	18
PHEAT-8735	proteomics_heat	4627340	4627384	-	6	2	K.LASVDQFRDSMDNSK.T	19
PHEAT-8736	proteomics_heat	4627385	4627444	-	6	9	R.MISGQEQPDSGTITLGETVK.L	24
PHEAT-8737	proteomics_heat	4627460	4627501	-	6	4	K.GAIVGIIPNGAGK.S	18
PHEAT-8738	proteomics_heat	4627502	4627537	-	6	4	R.LLIDDLFSFSIPK.G	16
PHEAT-8739	proteomics_heat	4627556	4627579	-	6	2	K.VLEVSNLK.R	12
PHEAT-8740	proteomics_heat	4627592	4627633	-	6	5	K.RNETNELFPPGPR.L	18
PHEAT-8741	proteomics_heat	4627631	4627666	-	6	3	R.FEELNSTEYQKR.N	16
PHEAT-8742	proteomics_heat	4627634	4627666	-	6	2	R.FEELNSTEYQK.R	15
PHEAT-8743	proteomics_heat	4627751	4627783	-	6	9	R.LAQEASQEAAR.R	15
PHEAT-8744	proteomics_heat	4627751	4627786	-	6	2	Q.RLAQEASQEAAR.R	16
PHEAT-8745	proteomics_heat	4627793	4627843	-	6	4	R.GEGIPWEGNYSSWLEQK.D	21
PHEAT-8746	proteomics_heat	4627889	4627936	-	6	22	R.FLHDFEGTVVAITHDR.Y	20
PHEAT-8747	proteomics_heat	4627937	4628020	-	6	9	R.LLLEKPDMLLLDEPTNHLDAESVAWLER.F	32
PHEAT-8748	proteomics_heat	4628069	4628107	-	6	2	R.AADALRLPDWDAK.I	17
PHEAT-8749	proteomics_heat	4628108	4628164	-	6	9	R.LEEIIQAHDGHNLNQVLER.A	23
PHEAT-8750	proteomics_heat	4628165	4628236	-	6	3	R.LDEVYALYADPDADFDKLAEEQGR.L	28
PHEAT-8751	proteomics_heat	4628165	4628239	-	6	6	K.RLDEVYALYADPDADFDKLAEEQGR.L	29
PHEAT-8752	proteomics_heat	4628186	4628236	-	6	2	R.LDEVYALYADPDADFDK.L	21
PHEAT-8753	proteomics_heat	4628186	4628239	-	6	2	K.RLDEVYALYADPDADFDK.L	22
PHEAT-8754	proteomics_heat	4628237	4628284	-	6	6	R.ESIEEAVSEVVNALKR.L	20
PHEAT-8755	proteomics_heat	4628240	4628284	-	6	13	R.ESIEEAVSEVVNALK.R	19
PHEAT-8756	proteomics_heat	4628285	4628335	-	6	8	K.IGYLPQEPQLNPEHTVR.E	21
PHEAT-8757	proteomics_heat	4628336	4628395	-	6	6	R.IMAGIDKDIEGEARPPDIK.I	24
PHEAT-8758	proteomics_heat	4628354	4628395	-	6	3	R.IMAGIDKDIEGEAR.P	18
PHEAT-8759	proteomics_heat	4628411	4628443	-	6	6	K.IGVLGLNGAGK.S	15
PHEAT-8760	proteomics_heat	4628444	4628476	-	6	5	K.NISLSFFPGAK.I	15
PHEAT-8761	proteomics_heat	4628516	4628542	-	6	6	V.AQFVYTMHR.V	13
PHEAT-8762	proteomics_heat	4631056	4631163	-	5	12	A.SGIRCTMPDAPRLIRPTKSIAFQQHLFQPLAQLDGR.G	40
PHEAT-8763	proteomics_heat	4631730	4631768	-	4	4	I.MHQVVCATTNPAK.I	17
PHEAT-8764	proteomics_heat	4632866	4632946	-	6	4	K.FVTLEDTPLIGVTQSYSCSLEQISDFR.H	31
PHEAT-8765	proteomics_heat	4632977	4633021	-	6	3	R.RSPEWSAFGIRPPLR.L	19
PHEAT-8766	proteomics_heat	4633091	4633132	-	6	6	R.LTARPILDIALQYR.F	18
PHEAT-8767	proteomics_heat	4633169	4633204	-	6	2	K.DVTGHAIGAYIR.A	16
PHEAT-8768	proteomics_heat	4633244	4633309	-	6	4	R.DLLIWLEGHLDQPLSLDNVAAK.A	26

PHEAT-8769	proteomics_heat	4637637	4637699	-	4	12	K.HFESTPDTPEIIATIHGEGYR.F	25
PHEAT-8770	proteomics_heat	4637637	4637702	-	4	4	R.KHFESTPDTPEIIATIHGEGYR.F	26
PHEAT-8771	proteomics_heat	4637796	4637828	-	4	11	R.AMLHFCENPGK.I	15
PHEAT-8772	proteomics_heat	4637841	4637882	-	4	8	R.SLIGPDGEQYKLP.R.S	18
PHEAT-8773	proteomics_heat	4637883	4637915	-	4	4	K.FNGWELDINSR.S	15
PHEAT-8774	proteomics_heat	4638006	4638062	-	4	10	K.ILGLEIGADDYITKPFNPR.E	23
PHEAT-8775	proteomics_heat	4638006	4638080	-	4	26	R.DNEVDKILGLEIGADDYITKPFNPR.E	29
PHEAT-8776	proteomics_heat	4638081	4638119	-	4	6	R.EQANVALMFLTGR.D	17
PHEAT-8777	proteomics_heat	4638282	4638314	-	4	2	H.ILLIVEDELVTR.N	15
PHEAT-8778	proteomics_heat	4638282	4638329	-	4	12	N.MQTPHILIVEDELVTR.N	20
PSTAT+1	proteomics_stat	352	384	+	1	4	K.FGGTSVANAER.F	15
PSTAT+2	proteomics_stat	394	423	+	1	5	R.VADILESNA.R.Q	14
PSTAT+3	proteomics_stat	424	462	+	1	5	R.QGQVATVLSAPAK.I	17
PSTAT+4	proteomics_stat	463	495	+	1	24	K.ITNHLVAMIEK.T	15
PSTAT+5	proteomics_stat	496	543	+	1	6	K.TISGQDALPNISDAER.I	20
PSTAT+6	proteomics_stat	544	609	+	1	10	R.IFAELLTGLAAAQPGFPLAQLK.T	26
PSTAT+7	proteomics_stat	610	642	+	1	2	K.TFVDQEFAQIK.H	15
PSTAT+8	proteomics_stat	760	795	+	1	14	R.GHNVTVIDPVEK.L	16
PSTAT+9	proteomics_stat	796	852	+	1	29	K.LLAVGHYLESTVDIAESTR.R	23
PSTAT+10	proteomics_stat	796	855	+	1	3	K.LLAVGHYLESTVDIAESTRR.I	24
PSTAT+11	proteomics_stat	871	948	+	1	5	R.IPADHMVLMAGFTAGNEKGELVVLGR.N	30
PSTAT+12	proteomics_stat	871	924	+	1	6	R.IPADHMVLMAGFTAGNEK.G	22
PSTAT+13	proteomics_stat	949	993	+	1	3	R.NGSDYSAAVLAACL.R.A	19
PSTAT+14	proteomics_stat	1078	1125	+	1	21	K.SMSYQEAMELSYFGAK.V	20
PSTAT+15	proteomics_stat	1141	1185	+	1	5	R.TITPIAQFQIPCLIK.N	19
PSTAT+16	proteomics_stat	1186	1233	+	1	10	K.NTGNPQAPGTLIGASR.D	20
PSTAT+17	proteomics_stat	1186	1257	+	1	3	K.NTGNPQAPGTLIGASRDEDELVPK.G	28
PSTAT+18	proteomics_stat	1234	1257	+	1	4	R.DEDELVPK.G	12
PSTAT+19	proteomics_stat	1258	1314	+	1	11	K.GISLNLMAMFSVSGPGMK.G	23
PSTAT+20	proteomics_stat	1486	1521	+	1	2	K.EGLLEPLAVTER.L	16
PSTAT+21	proteomics_stat	1522	1557	+	1	3	R.LAIISVVGDGMR.T	16
PSTAT+22	proteomics_stat	1603	1647	+	1	3	R.ANINIVAIAQGSSER.S	19
PSTAT+23	proteomics_stat	1648	1695	+	1	2	R.SISVVVNDDATTGVR.V	20
PSTAT+24	proteomics_stat	1858	1944	+	1	15	K.ALLTNVHGLNLENWQEELAQAKEPFLNLR.L	33
PSTAT+25	proteomics_stat	1858	1923	+	1	23	K.ALLTNVHGLNLENWQEELAQAK.E	26
PSTAT+26	proteomics_stat	1954	2043	+	1	11	R.LVKEYHLLNPVIVDCTSSQAVADQYADFLR.E	34
PSTAT+27	proteomics_stat	1963	2043	+	1	44	K.EYHLLNPVIVDCTSSQAVADQYADFLR.E	31
PSTAT+28	proteomics_stat	2044	2076	+	1	3	R.EGFHVVTPNKK.A	15
PSTAT+29	proteomics_stat	2044	2073	+	1	4	R.EGFHVVTPNK.K	14
PSTAT+30	proteomics_stat	2074	2115	+	1	4	K.KANTSSMDYYHQLR.Y	18
PSTAT+31	proteomics_stat	2077	2115	+	1	16	K.ANTSSMDYYHQLR.Y	17
PSTAT+32	proteomics_stat	2140	2229	+	1	8	R.KFLYDTNVGAGLPVIENLQNLNAGDELMK.F	34
PSTAT+33	proteomics_stat	2143	2229	+	1	32	K.FLYDTNVGAGLPVIENLQNLNAGDELMK.F	33
PSTAT+34	proteomics_stat	2230	2274	+	1	12	K.FSGILSGSLSYIFGK.L	19
PSTAT+35	proteomics_stat	2275	2319	+	1	8	K.LDEGMSFSEATTLAR.E	19
PSTAT+36	proteomics_stat	2350	2379	+	1	16	R.DDLSGMDVAR.K	14

PSTAT+37	proteomics_stat	2491	2532	+	1	2	F.MANLSQLDDLFAAR.V	18
PSTAT+38	proteomics_stat	2569	2604	+	1	9	R.YVGNIDEDGVCR.V	16
PSTAT+39	proteomics_stat	2605	2646	+	1	5	R.VKIAEVDGNDPLFK.V	18
PSTAT+40	proteomics_stat	2611	2646	+	1	7	K.IAEVDGNDPLFK.V	16
PSTAT+41	proteomics_stat	2611	2634	+	1	4	K.IAEVDGND.P	12
PSTAT+42	proteomics_stat	2647	2715	+	1	12	K.VKNGENALAFYSHYYQPLPLVLR.G	27
PSTAT+43	proteomics_stat	2653	2715	+	1	27	K.NGENALAFYSHYYQPLPLVLR.G	25
PSTAT+44	proteomics_stat	2674	2715	+	1	5	A.FYSHYYQPLPLVLR.G	18
PSTAT+45	proteomics_stat	2680	2715	+	1	9	Y.SHYYQPLPLVLR.G	16
PSTAT+46	proteomics_stat	2716	2772	+	1	33	R.GYGAGNDVTAAGVFADLLR.T	23
PSTAT+47	proteomics_stat	2984	3013	+	2	3	R.ENIVYQCWER.F	14
PSTAT+48	proteomics_stat	3065	3166	+	2	3	K.NMPIGSGGLSSACSVVAALMAMNEHCGKPLNDTR.L	38
PSTAT+49	proteomics_stat	3167	3199	+	2	2	R.LLALMGELEGR.I	15
PSTAT+50	proteomics_stat	3389	3415	+	2	2	R.RQDCIAHGR.H	13
PSTAT+51	proteomics_stat	3473	3511	+	2	2	K.LMKDVIAEPYRER.L	17
PSTAT+52	proteomics_stat	3482	3505	+	2	3	K.DVIAEPYR.E	12
PSTAT+53	proteomics_stat	3539	3634	+	2	4	R.QAVAIEGAVASGISGSGPTLFALCDKPETAQR.V	36
PSTAT+54	proteomics_stat	3602	3634	+	2	2	F.ALCDKPETAQR.V	15
PSTAT+55	proteomics_stat	3656	3697	+	2	8	K.NYLQNLQEGFVHICR.L	18
PSTAT+56	proteomics_stat	3734	3808	+	2	2	-.MKLYNLKDHNEQVSFAQAVTQGLGK.N	29
PSTAT+57	proteomics_stat	3740	3808	+	2	20	K.LYNLKDHNQVSFAQAVTQGLGK.N	27
PSTAT+58	proteomics_stat	3755	3808	+	2	12	K.DHNEQVSFAQAVTQGLGK.N	22
PSTAT+59	proteomics_stat	3809	3877	+	2	53	K.NQGLFFPHDLPEFSLTEIDEMLK.L	27
PSTAT+60	proteomics_stat	3905	3958	+	2	28	K.ILSAFIGDEIPQEILEER.V	22
PSTAT+61	proteomics_stat	3965	4054	+	2	3	R.AFAFPAPVANVESDVGCLELFGPTLAFK.D	34
PSTAT+62	proteomics_stat	4070	4189	+	2	11	R.FMAQMLTHIAGDKPVTILTATSGDTGAAVAHAFYGLPNVK.V	44
PSTAT+63	proteomics_stat	4070	4162	+	2	2	R.FMAQMLTHIAGDKPVTILTATSGDTGAAVAH.A	35
PSTAT+64	proteomics_stat	4316	4387	+	2	7	K.QAFDDEELKVALGLNSANSINISR.L	28
PSTAT+65	proteomics_stat	4343	4387	+	2	5	K.VALGLNSANSINISR.L	19
PSTAT+66	proteomics_stat	4448	4513	+	2	4	R.NQLVSVSPSGNFGDLTAGLLAK.S	26
PSTAT+67	proteomics_stat	4535	4576	+	2	4	K.RFIAATNVNDTVPR.F	18
PSTAT+68	proteomics_stat	4538	4576	+	2	10	R.FIAATNVNDTVPR.F	17
PSTAT+69	proteomics_stat	4577	4606	+	2	10	R.FLHDGQWSPK.A	14
PSTAT+70	proteomics_stat	4580	4606	+	2	5	F.LHDGQWSPK.A	13
PSTAT+71	proteomics_stat	4583	4606	+	2	3	L.HDGQWSPK.A	12
PSTAT+72	proteomics_stat	4607	4666	+	2	2	K.ATQATLSNAMDVSQPNNWPR.V	24
PSTAT+73	proteomics_stat	4706	4756	+	2	18	K.ELGYAAVDDETTQQTMR.E	21
PSTAT+74	proteomics_stat	4730	4756	+	2	3	D.DETTQQTMR.E	13
PSTAT+75	proteomics_stat	4757	4810	+	2	3	R.ELKELGYTSEPAAVAYR.A	22
PSTAT+76	proteomics_stat	4766	4810	+	2	10	K.ELGYTSEPAAVAYR.A	19
PSTAT+77	proteomics_stat	4769	4810	+	2	4	E.LGYTSEPAAVAYR.A	18
PSTAT+78	proteomics_stat	4772	4810	+	2	2	L.GYTSEPAAVAYR.A	17
PSTAT+79	proteomics_stat	4811	4876	+	2	18	R.AL RDQLNPGEYGLFLGTAHPAK.F	26
PSTAT+80	proteomics_stat	4820	4876	+	2	9	R.DQLNPGEYGLFLGTAHPAK.F	23
PSTAT+81	proteomics_stat	4877	4942	+	2	3	K.FKESVEAILGETLDPKELAER.A	26
PSTAT+82	proteomics_stat	4877	4927	+	2	390	K.FKESVEAILGETLDPK.E	21

PSTAT+83	proteomics_stat	4883	4927	+	2	3	K.ESVEAILGETLDLPK.E	19
PSTAT+84	proteomics_stat	4943	4999	+	2	21	R.ADLPLLSHNLPAADFAALRK.L	23
PSTAT+85	proteomics_stat	4943	4996	+	2	7	R.ADLPLLSHNLPAADFAALR.K	22
PSTAT+86	proteomics_stat	8241	8264	+	3	7	M.TDKLTSLR.Q	12
PSTAT+87	proteomics_stat	8244	8264	+	3	2	T.DKLTSLR.Q	11
PSTAT+88	proteomics_stat	8265	8312	+	3	15	R.QYTTVVADTGDIAAMK.L	20
PSTAT+89	proteomics_stat	8310	8384	+	3	5	M.KLYQPQDATTNPSLILNAAQIPEYR.K	29
PSTAT+90	proteomics_stat	8313	8384	+	3	19	K.LYQPQDATTNPSLILNAAQIPEYR.K	28
PSTAT+91	proteomics_stat	8385	8417	+	3	14	R.KLIDDAVAWAK.Q	15
PSTAT+92	proteomics_stat	8388	8417	+	3	6	K.LIDDAVAWAK.Q	14
PSTAT+93	proteomics_stat	8391	8417	+	3	5	L.IDDAVAWAK.Q	13
PSTAT+94	proteomics_stat	8436	8498	+	3	162	R.AQQIVDATDKLAVNIGLEILK.L	25
PSTAT+95	proteomics_stat	8436	8465	+	3	8	R.AQQIVDATDK.L	14
PSTAT+96	proteomics_stat	8538	8570	+	3	7	R.LSYDTEASIAK.A	15
PSTAT+97	proteomics_stat	8541	8570	+	3	3	L.SYDTEASIAK.A	14
PSTAT+98	proteomics_stat	8589	8621	+	3	6	K.LYNDAGISNDR.I	15
PSTAT+99	proteomics_stat	8592	8621	+	3	6	L.YNDAGISNDR.I	14
PSTAT+100	proteomics_stat	8595	8621	+	3	2	Y.NDAGISNDR.I	13
PSTAT+101	proteomics_stat	8682	8732	+	3	39	K.EGINCNLTLLFSFAQAR.A	21
PSTAT+102	proteomics_stat	8682	8732	+	3	39	K.EGINCNLTLLFSFAQAR.A	21
PSTAT+103	proteomics_stat	8733	8780	+	3	19	R.ACAEAGVFLISPFVGR.I	20
PSTAT+104	proteomics_stat	8733	8780	+	3	19	R.ACAEAGVFLISPFVGR.I	20
PSTAT+105	proteomics_stat	8817	8879	+	3	22	K.EYAPAEDPGVSVSEIYQYYK.E	25
PSTAT+106	proteomics_stat	8880	8921	+	3	24	K.EHGYETVVMGASFR.N	18
PSTAT+107	proteomics_stat	8922	8960	+	3	7	R.NIGEILELAGCDR.L	17
PSTAT+108	proteomics_stat	8988	9020	+	3	14	K.ELAESEGAIER.K	15
PSTAT+109	proteomics_stat	8988	9023	+	3	3	K.ELAESEGAIERK.L	16
PSTAT+110	proteomics_stat	8991	9020	+	3	2	E.LAESEGAIER.K	14
PSTAT+111	proteomics_stat	9021	9047	+	3	11	R.KLSYTGVEK.A	13
PSTAT+112	proteomics_stat	9063	9119	+	3	12	R.ITESEFLWQHNQDPMMAVDK.L	23
PSTAT+113	proteomics_stat	9063	9137	+	3	7	R.ITESEFLWQHNQDPMMAVDKLAEGIR.K	29
PSTAT+114	proteomics_stat	9063	9140	+	3	6	R.ITESEFLWQHNQDPMMAVDKLAEGIRK.F	30
PSTAT+115	proteomics_stat	9138	9170	+	3	2	R.KFAIDQEKLEK.M	15
PSTAT+116	proteomics_stat	9141	9170	+	3	5	K.FAIDQEKLEK.M	14
PSTAT+117	proteomics_stat	9348	9374	+	3	2	R.ASSGVYQDK.G	13
PSTAT+118	proteomics_stat	9549	9587	+	3	8	R.DVTPDATLAVADR.E	17
PSTAT+119	proteomics_stat	9618	9659	+	3	2	R.QISLHFVPTAILSR.Q	18
PSTAT+120	proteomics_stat	12166	12237	+	1	2	M.GKIIGIDLGTTNSCVAIMDGTTTPR.V	28
PSTAT+121	proteomics_stat	12172	12237	+	1	30	K.IIGIDLGTTNSCVAIMDGTTTPR.V	26
PSTAT+122	proteomics_stat	12235	12264	+	1	2	P.RVLENAEGDR.T	14
PSTAT+123	proteomics_stat	12238	12264	+	1	11	R.VLENAEGDR.T	13
PSTAT+124	proteomics_stat	12238	12327	+	1	2	R.VLENAEGDRTPSIIAYTQDGETLVGQPAK.R	34
PSTAT+125	proteomics_stat	12262	12327	+	1	6	D.RTTPSIIAYTQDGETLVGQPAK.R	26
PSTAT+126	proteomics_stat	12265	12330	+	1	8	R.TTPSIIAYTQDGETLVGQPAKR.Q	26
PSTAT+127	proteomics_stat	12265	12327	+	1	9	R.TTPSIIAYTQDGETLVGQPAK.R	25
PSTAT+128	proteomics_stat	12271	12330	+	1	3	T.PSIIAYTQDGETLVGQPAKR.Q	24

PSTAT+129	proteomics_stat	12289	12330	+	1	2	Y.TQDGETLVGQPAKR.Q	18
PSTAT+130	proteomics_stat	12307	12375	+	1	3	T.LVGQPAKRQAVTNPQNTLFAIKR.L	27
PSTAT+131	proteomics_stat	12328	12372	+	1	6	K.RQAVTNPQNTLFAIK.R	19
PSTAT+132	proteomics_stat	12331	12372	+	1	17	R.QAVTNPQNTLFAIK.R	18
PSTAT+133	proteomics_stat	12331	12375	+	1	4	R.QAVTNPQNTLFAIKR.L	19
PSTAT+134	proteomics_stat	12388	12414	+	1	14	R.RFQDEEVQR.D	13
PSTAT+135	proteomics_stat	12391	12414	+	1	8	R.FQDEEVQR.D	12
PSTAT+136	proteomics_stat	12415	12438	+	1	4	R.DVSIMPFK.I	12
PSTAT+137	proteomics_stat	12439	12480	+	1	17	K.IIAADNGDAWVEVK.G	18
PSTAT+138	proteomics_stat	12490	12528	+	1	2	K.MAPPQISAEVLKK.M	17
PSTAT+139	proteomics_stat	12535	12615	+	1	9	K.KTAEDYLGEVPVTEAVITVPAYFNDAQR.Q	31
PSTAT+140	proteomics_stat	12538	12615	+	1	12	K.TAEDYLGEVPVTEAVITVPAYFNDAQR.Q	30
PSTAT+141	proteomics_stat	12661	12726	+	1	3	K.RIINEPTAAALAYGLDKGTGNR.T	26
PSTAT+142	proteomics_stat	12661	12711	+	1	10	K.RIINEPTAAALAYGLDK.G	21
PSTAT+143	proteomics_stat	12664	12711	+	1	24	R.IINEPTAAALAYGLDK.G	20
PSTAT+144	proteomics_stat	12664	12726	+	1	3	R.IINEPTAAALAYGLDKGTGNR.T	25
PSTAT+145	proteomics_stat	12667	12711	+	1	4	I.IINEPTAAALAYGLDK.G	19
PSTAT+146	proteomics_stat	12727	12804	+	1	4	R.TIAVYDLGGGTFDISIIEIDEVDGEK.T	30
PSTAT+147	proteomics_stat	12805	12867	+	1	15	K.TFEVLATNGDTHLGGEDFDSR.L	25
PSTAT+148	proteomics_stat	12868	12900	+	1	30	R.LINYLVEEFKK.D	15
PSTAT+149	proteomics_stat	12868	12921	+	1	3	R.LINYLVEEFKKDQGIDLR.N	22
PSTAT+150	proteomics_stat	12871	12900	+	1	3	L.INYLVEEFKK.D	14
PSTAT+151	proteomics_stat	12922	12945	+	1	2	R.NDPLAMQR.L	12
PSTAT+152	proteomics_stat	12967	13044	+	1	42	K.AKIELSSAQQTVDNLPYITADATGPK.H	30
PSTAT+153	proteomics_stat	12973	13044	+	1	28	K.IELSSAQQTVDNLPYITADATGPK.H	28
PSTAT+154	proteomics_stat	13069	13107	+	1	56	R.AKLESLVEDLVNR.S	17
PSTAT+155	proteomics_stat	13108	13197	+	1	37	R.SIEPLKVALQDAGLSVSDIDDVILVGGQTR.M	34
PSTAT+156	proteomics_stat	13126	13197	+	1	35	K.VALQDAGLSVSDIDDVILVGGQTR.M	28
PSTAT+157	proteomics_stat	13198	13215	+	1	3	R.MPMVQK.K	10
PSTAT+158	proteomics_stat	13216	13248	+	1	6	K.KVAEFFGKEPR.K	15
PSTAT+159	proteomics_stat	13216	13239	+	1	3	K.KVAEFFGK.E	12
PSTAT+160	proteomics_stat	13219	13248	+	1	10	K.VAEFFGKEPR.K	14
PSTAT+161	proteomics_stat	13222	13248	+	1	3	V.AEFFGKEPR.K	13
PSTAT+162	proteomics_stat	13249	13323	+	1	79	R.KDVNPDEAVAIGA AVQGGVLTGDVK.D	29
PSTAT+163	proteomics_stat	13252	13323	+	1	4	K.DVNPDEAVAIGA AVQGGVLTGDVK.D	28
PSTAT+164	proteomics_stat	13324	13404	+	1	10	K.DVLLLDVTPLSLGIETMGGVMTTLIAK.N	31
PSTAT+165	proteomics_stat	13426	13497	+	1	1066	K.HSQVFSTAEDNQSAVTIHVLQGER.K	28
PSTAT+166	proteomics_stat	13426	13479	+	1	10	K.HSQVFSTAEDNQSAVTIH.V	22
PSTAT+167	proteomics_stat	13519	13563	+	1	23	K.SLGQFNLDGINPAPR.G	19
PSTAT+168	proteomics_stat	13522	13563	+	1	2	S.LGQFNLDGINPAPR.G	18
PSTAT+169	proteomics_stat	13564	13629	+	1	144	R.GMPQIEVTFDIDADGILHVS AK.D	26
PSTAT+170	proteomics_stat	13669	13704	+	1	9	K.ASSGLNEDEIQK.M	16
PSTAT+171	proteomics_stat	13714	13770	+	1	10	R.DAEANA EADRKFEELVQTR.N	23
PSTAT+172	proteomics_stat	13714	13743	+	1	11	R.DAEANA EADR.K	14
PSTAT+173	proteomics_stat	13744	13770	+	1	13	R.KFEELVQTR.N	13
PSTAT+174	proteomics_stat	13747	13770	+	1	2	K.FEELVQTR.N	12

PSTAT+175	proteomics_stat	13771	13803	+	1	10	R.NQGDHLLHSTR.K	15
PSTAT+176	proteomics_stat	13804	13848	+	1	8	R.KQVEEAGDKLPADDK.T	19
PSTAT+177	proteomics_stat	13804	13923	+	1	36	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	44
PSTAT+178	proteomics_stat	13804	13905	+	1	56	R.KQVEEAGDKLPADDKTAIESALTALETALKGEDK.A	38
PSTAT+179	proteomics_stat	13804	13893	+	1	19	R.KQVEEAGDKLPADDKTAIESALTALETALK.G	34
PSTAT+180	proteomics_stat	13807	13905	+	1	3	K.QVEEAGDKLPADDKTAIESALTALETALKGEDK.A	37
PSTAT+181	proteomics_stat	13807	13923	+	1	8	K.QVEEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	43
PSTAT+182	proteomics_stat	13807	13893	+	1	3	K.QVEEAGDKLPADDKTAIESALTALETALK.G	33
PSTAT+183	proteomics_stat	13813	13923	+	1	2	V.EEAGDKLPADDKTAIESALTALETALKGEDKAAIEAK.M	41
PSTAT+184	proteomics_stat	13831	13905	+	1	2	K.LPADDKTAIESALTALETALKGEDK.A	29
PSTAT+185	proteomics_stat	13837	13905	+	1	45	P.ADDKTAIESALTALETALKGEDK.A	27
PSTAT+186	proteomics_stat	13849	13923	+	1	5	K.TAIESALTALETALKGEDKAAIEAK.M	29
PSTAT+187	proteomics_stat	13849	13905	+	1	3	K.TAIESALTALETALKGEDK.A	23
PSTAT+188	proteomics_stat	13858	13923	+	1	3	I.ESALTALETALKGEDKAAIEAK.M	26
PSTAT+189	proteomics_stat	13894	13923	+	1	2	K.GEDKAAIEAK.M	14
PSTAT+190	proteomics_stat	13924	13953	+	1	11	K.MQELAQVSQK.L	14
PSTAT+191	proteomics_stat	13954	14028	+	1	8	K.LMEIAQQQHAQQQTAGADASANNAK.D	29
PSTAT+192	proteomics_stat	13954	14076	+	1	2	K.LMEIAQQQHAQQQTAGADASANNAKDDDDVVDAEFEEVKDKK.-	45
PSTAT+193	proteomics_stat	14029	14067	+	1	6	K.DDDVVDAEFEEVK.D	17
PSTAT+194	proteomics_stat	14171	14209	+	2	12	M.AKQDYIEILGVSK.T	17
PSTAT+195	proteomics_stat	14321	14356	+	2	4	K.EAYEVLTDQSQR.A	16
PSTAT+196	proteomics_stat	14321	14353	+	2	2	K.EAYEVLTDQSQR.R	15
PSTAT+197	proteomics_stat	14735	14764	+	2	2	R.GTLIKDPCNK.C	14
PSTAT+198	proteomics_stat	14813	14842	+	2	6	K.IPAGVDTGDR.I	14
PSTAT+199	proteomics_stat	14849	14920	+	2	9	R.LAGEGEAGEHGAPAGDLYVQVQVK.Q	28
PSTAT+200	proteomics_stat	14942	15031	+	2	7	R.EGNNLYCEVPINFAMAALGGEIEVPTLDGR.V	34
PSTAT+201	proteomics_stat	15038	15070	+	2	9	K.LKVPGETQTGK.L	15
PSTAT+202	proteomics_stat	15176	15244	+	2	4	R.QKQLLQELQESFGGPTGEHNSPR.S	27
PSTAT+203	proteomics_stat	15182	15244	+	2	5	K.QLLQELQESFGGPTGEHNSPR.S	25
PSTAT+204	proteomics_stat	15251	15271	+	2	2	K.SFFDGVK.K	11
PSTAT+205	proteomics_stat	15272	15295	+	2	2	K.KFFDDLTR.-	12
PSTAT+206	proteomics_stat	21422	21496	+	2	8	R.GIHNLSQLPQEGCVLTIGNFDGVHR.G	29
PSTAT+207	proteomics_stat	21545	21619	+	2	4	R.NLPVMVMLFEPQPLELFATDKAPAR.L	29
PSTAT+208	proteomics_stat	21545	21607	+	2	3	R.NLPVMVMLFEPQPLELFATDK.A	25
PSTAT+209	proteomics_stat	21701	21748	+	2	2	R.FAALTAQNFISDLLVK.H	20
PSTAT+210	proteomics_stat	21917	21988	+	2	2	R.QALADDNLALAESLLGHPFAISGR.V	28
PSTAT+211	proteomics_stat	21989	22015	+	2	2	R.VVHGDELGR.T	13
PSTAT+212	proteomics_stat	22073	22165	+	2	3	K.GVYAVEVLGLGEKPLPGVANIGTRPTVAGIR.Q	35
PSTAT+213	proteomics_stat	22406	22444	+	2	5	K.STLNLPETGFPMR.G	17
PSTAT+214	proteomics_stat	22484	22516	+	2	4	R.WTDDDLYGIIR.A	15
PSTAT+215	proteomics_stat	22538	22606	+	2	11	K.TFILHDGPPYANGSIHIGHSVNK.I	27
PSTAT+216	proteomics_stat	22631	22705	+	2	3	K.SKGLSGYDSPYVPGWDCHGLPIELK.V	29
PSTAT+217	proteomics_stat	22637	22705	+	2	2	K.GLSGYDSPYVPGWDCHGLPIELK.V	27
PSTAT+218	proteomics_stat	22706	22738	+	2	9	K.VEQEYKPKGEK.F	15
PSTAT+219	proteomics_stat	22766	22804	+	2	3	K.CREYAATQVDGQR.K	17
PSTAT+220	proteomics_stat	22772	22804	+	2	9	R.EYAATQVDGQR.K	15

PSTAT+221	proteomics_stat	22820	22870	+	2	5	R.LGVLGDWSHPYLTMDFK.T	21
PSTAT+222	proteomics_stat	22823	22870	+	2	4	L.GVLGDWSHPYLTMDFK.T	20
PSTAT+223	proteomics_stat	23006	23059	+	2	4	K.TSPSIDVAFQAVDQDALK.A	22
PSTAT+224	proteomics_stat	23066	23143	+	2	4	K.FAVSNVNGPISLVIWTTTPWTLPANR.A	30
PSTAT+225	proteomics_stat	23144	23215	+	2	21	R.AISIAPDFDYALVQIDGQAVILAK.D	28
PSTAT+226	proteomics_stat	23216	23242	+	2	2	K.DLVESVMQR.I	13
PSTAT+227	proteomics_stat	23243	23281	+	2	2	R.IGVTDYITILGTVK.G	17
PSTAT+228	proteomics_stat	23306	23434	+	2	7	R.FTHPFMGFDVPAILGDHVTLDAGTGAVHTAPGHGPDYVIGQK.Y	47
PSTAT+229	proteomics_stat	23435	23524	+	2	10	K.YGLETANPVGPDGTYLPGTYPTLDGVNVFK.A	34
PSTAT+230	proteomics_stat	23525	23560	+	2	4	K.ANDIVVALLQEK.G	16
PSTAT+231	proteomics_stat	23561	23584	+	2	2	K.GALLHVEK.M	12
PSTAT+232	proteomics_stat	23639	23674	+	2	3	R.ATPQWFVSMQDK.G	16
PSTAT+233	proteomics_stat	23795	23830	+	2	5	R.TWGVPMSLFVHK.D	16
PSTAT+234	proteomics_stat	23795	23854	+	2	2	R.TWGVPMSLFVHKDTEELHPR.T	24
PSTAT+235	proteomics_stat	23885	23932	+	2	7	K.RVEVDGIQAWWDLDAK.E	20
PSTAT+236	proteomics_stat	23933	23968	+	2	6	K.EILGDEADQYVK.V	16
PSTAT+237	proteomics_stat	24152	24193	+	2	11	R.QVLTHGFTVDGQGR.K	18
PSTAT+238	proteomics_stat	24206	24247	+	2	7	K.SIGNTVSPQDVMNK.L	18
PSTAT+239	proteomics_stat	24371	24448	+	2	5	R.FLLANLNGFDPAKDMVKPEEMVVLDR.W	30
PSTAT+240	proteomics_stat	24410	24448	+	2	4	K.DMVKPEEMVVLDR.W	17
PSTAT+241	proteomics_stat	24494	24532	+	2	6	K.AYEAYDFHEVVQR.L	17
PSTAT+242	proteomics_stat	24497	24532	+	2	2	A.YEAYDFHEVVQR.L	16
PSTAT+243	proteomics_stat	24629	24673	+	2	14	R.SCQTALYHIAEALVR.W	19
PSTAT+244	proteomics_stat	24674	24736	+	2	10	R.WMAPILSFTADEVWGYLPGER.E	25
PSTAT+245	proteomics_stat	24839	24871	+	2	3	R.GEVNKVIEQAR.A	15
PSTAT+246	proteomics_stat	24884	24943	+	2	15	K.VGGSLEAAVTLYAEPELSAK.L	24
PSTAT+247	proteomics_stat	24971	25051	+	2	12	R.FVLLTSGATVADYNDAPADAQQSEVLK.G	31
PSTAT+248	proteomics_stat	25016	25051	+	2	3	D.APADAQQSEVLK.G	16
PSTAT+249	proteomics_stat	25100	25129	+	2	4	R.CWHYTQDVGK.V	14
PSTAT+250	proteomics_stat	25103	25129	+	2	2	C.WHYTQDVGK.V	13
PSTAT+251	proteomics_stat	25130	25159	+	2	7	K.VAEHAEICGR.C	14
PSTAT+252	proteomics_stat	25160	25192	+	2	4	R.CVSNVAGDGEK.R	15
PSTAT+253	proteomics_stat	25880	25912	+	2	3	K.LDDGTTAESTR.N	15
PSTAT+254	proteomics_stat	25940	25993	+	2	6	R.LGDASLSEGLEQHLLGLK.V	22
PSTAT+255	proteomics_stat	26006	26077	+	2	3	K.TTFSLEPDAAFGVPSPLIQYFSR.R	28
PSTAT+256	proteomics_stat	26853	26885	+	3	2	R.KDDICYATTNR.Q	15
PSTAT+257	proteomics_stat	27434	27508	+	2	5	R.NALQLLHFWNAEIPLAQGAAPLVR.A	29
PSTAT+258	proteomics_stat	27518	27616	+	2	3	R.DAASVHGESGMAGYDFVEHNRKPLGIPAFLAIR.D	37
PSTAT+259	proteomics_stat	27581	27616	+	2	5	R.KPLGIPAFLAIR.D	16
PSTAT+260	proteomics_stat	28374	28394	+	3	3	A.MHDANIR.V	11
PSTAT+261	proteomics_stat	28431	28490	+	3	97	R.QLIQAAALALEGVQLGAALER.E	24
PSTAT+262	proteomics_stat	28491	28544	+	3	11	R.EGSSLLGSDAGELAGAGK.T	22
PSTAT+263	proteomics_stat	28494	28583	+	3	2	E.GSSLLGSDAGELAGAGKTGVTVQSSLDVAVK.D	34
PSTAT+264	proteomics_stat	28665	28706	+	3	3	K.GMVI GTTFDEAGK.Q	18
PSTAT+265	proteomics_stat	28809	28856	+	3	11	K.VMGDYTDIEIEAHR.H	20
PSTAT+266	proteomics_stat	28857	28925	+	3	16	R.HKVDAPSGTALAMGEAIAHALDK.D	27

PSTAT+267	proteomics_stat	28935	28955	+	3	4	K.DCAVYSR.E	11
PSTAT+268	proteomics_stat	28956	29009	+	3	4	R.EGHTGERVPGTIGFATVR.A	22
PSTAT+269	proteomics_stat	28977	29009	+	3	3	R.VPGTIGFATVR.A	15
PSTAT+270	proteomics_stat	29010	29063	+	3	9	R.AGDIVGEHTAMFADIGER.L	22
PSTAT+271	proteomics_stat	29094	29120	+	3	3	R.MTFANGAVR.S	13
PSTAT+272	proteomics_stat	29660	29704	+	2	21	K.SALLVLEDGTQFHGR.A	19
PSTAT+273	proteomics_stat	29801	29899	+	2	2	R.QIVTLTYPHIGNVGTNDADEESSQVHAQGLVIR.D	37
PSTAT+274	proteomics_stat	29828	29899	+	2	2	H.IGNVGTNDADEESSQVHAQGLVIR.D	28
PSTAT+275	proteomics_stat	29930	29962	+	2	2	R.NTEDLSSYLKR.H	15
PSTAT+276	proteomics_stat	29930	29959	+	2	2	R.NTEDLSSYLK.R	14
PSTAT+277	proteomics_stat	29960	29998	+	2	3	K.RHNIVAIADIDTR.K	17
PSTAT+278	proteomics_stat	29963	29998	+	2	20	R.HNIVAIADIDTR.K	16
PSTAT+279	proteomics_stat	30020	30088	+	2	5	R.EKGAQNGCIIAGDNPDAALALEK.A	27
PSTAT+280	proteomics_stat	30026	30088	+	2	6	K.GAQNGCIIAGDNPDAALALEK.A	25
PSTAT+281	proteomics_stat	30095	30130	+	2	3	R.AFPGLNGMDLAK.E	16
PSTAT+282	proteomics_stat	30131	30205	+	2	6	K.EVTAEAYSWTQGSWTLTGGLPEAK.K	29
PSTAT+283	proteomics_stat	30206	30259	+	2	10	K.KEDELPFHVVAYDFGAKR.N	22
PSTAT+284	proteomics_stat	30206	30256	+	2	26	K.KEDELPFHVVAYDFGAK.R	21
PSTAT+285	proteomics_stat	30296	30340	+	2	5	R.LTIVPAQTS AEDVLK.M	19
PSTAT+286	proteomics_stat	30341	30421	+	2	8	K.MNPDGIFLSNGPGDPAPCDYAITAIQK.F	31
PSTAT+287	proteomics_stat	30383	30421	+	2	3	D.PAPCDYAITAIQK.F	17
PSTAT+288	proteomics_stat	30386	30496	+	2	5	P.APCDYAITAIQK.FLETDIPVFGICLGHQLLALASGAK.T	41
PSTAT+289	proteomics_stat	30422	30496	+	2	18	K.FLETDIPVFGICLGHQLLALASGAK.T	29
PSTAT+290	proteomics_stat	30440	30496	+	2	2	I.PVFGICLGHQLLALASGAK.T	23
PSTAT+291	proteomics_stat	30557	30628	+	2	19	K.NVVMITAQNHGFVAVDEATLPANLR.V	28
PSTAT+292	proteomics_stat	30641	30676	+	2	3	K.SLFDGTLQGIHR.T	16
PSTAT+293	proteomics_stat	30647	30676	+	2	3	L.FDGTLQGIHR.T	14
PSTAT+294	proteomics_stat	30922	30945	+	1	2	K.ALREEGYR.V	12
PSTAT+295	proteomics_stat	30946	31041	+	1	3	R.VILVNSNPATIMTDPEMADATYIEPIHWEVVR.K	36
PSTAT+296	proteomics_stat	31057	31128	+	1	12	K.ERPDAVLPTMGGQTALNCALELER.Q	28
PSTAT+297	proteomics_stat	31057	31131	+	1	2	K.ERPDAVLPTMGGQTALNCALELERQ.G	29
PSTAT+298	proteomics_stat	31129	31206	+	1	5	R.QGVLEEFVMTMIGATADAIDKAEDRR.R	30
PSTAT+299	proteomics_stat	31129	31203	+	1	53	R.QGVLEEFVMTMIGATADAIDKAEDR.R	29
PSTAT+300	proteomics_stat	31129	31191	+	1	2	R.QGVLEEFVMTMIGATADAIDK.A	25
PSTAT+301	proteomics_stat	31210	31230	+	1	2	R.FDVAMKK.I	11
PSTAT+302	proteomics_stat	31372	31398	+	1	2	R.EEFEEICAR.G	13
PSTAT+303	proteomics_stat	31423	31458	+	1	2	K.ELLIDESLIGWK.E	16
PSTAT+304	proteomics_stat	31636	31689	+	1	11	R.EIGVETGGSNVQFAVNP.K	22
PSTAT+305	proteomics_stat	31699	31725	+	1	3	R.LIVIEMNPR.V	13
PSTAT+306	proteomics_stat	31789	31845	+	1	2	A.KLAVGYTLDELMDITGGR.T	23
PSTAT+307	proteomics_stat	31792	31845	+	1	29	K.LAVGYTLDELMDITGGR.T	22
PSTAT+308	proteomics_stat	31795	31845	+	1	2	L.AVGTYLDELMDITGGR.T	21
PSTAT+309	proteomics_stat	31846	31890	+	1	9	R.TPASFEPSIDYVVT.K.I	19
PSTAT+310	proteomics_stat	31954	31983	+	1	5	K.SVGEVMAIGR.T	14
PSTAT+311	proteomics_stat	31984	32007	+	1	2	R.TQQESLQK.A	12
PSTAT+312	proteomics_stat	32017	32052	+	1	2	R.GLEVATGFDPK.V	16

PSTAT+313	proteomics_stat	32053	32085	+	1	5	K.VSLDDPEALTK.I	15
PSTAT+314	proteomics_stat	32122	32148	+	1	2	R.IWYIADAFR.A	13
PSTAT+315	proteomics_stat	32149	32196	+	1	4	R.AGLSVDGVFNLTNIDR.W	20
PSTAT+316	proteomics_stat	32242	32286	+	1	3	K.VAEVGITGLNADFLR.Q	19
PSTAT+317	proteomics_stat	32359	32397	+	1	4	R.KLRDQYDLHPVYK.R	17
PSTAT+318	proteomics_stat	32362	32397	+	1	4	K.LRDQYDLHPVYK.R	16
PSTAT+319	proteomics_stat	32368	32397	+	1	3	R.DQYDLHPVYK.R	14
PSTAT+320	proteomics_stat	32401	32493	+	1	2	R.VDTCAAEFATDTAYMYSTYEEEECEANPSTDR.E	35
PSTAT+321	proteomics_stat	32500	32529	+	1	2	K.IMVLGGGPNR.I	14
PSTAT+322	proteomics_stat	32587	32661	+	1	12	R.EDGYETIMVNCNPETVSTDYDTSR.L	29
PSTAT+323	proteomics_stat	32611	32661	+	1	2	M.VNCNPETVSTDYDTSR.L	21
PSTAT+324	proteomics_stat	32662	32709	+	1	79	R.LYFEPVTLEDVLEIVR.I	20
PSTAT+325	proteomics_stat	32665	32709	+	1	2	L.YFEPVTLEDVLEIVR.I	19
PSTAT+326	proteomics_stat	32725	32763	+	1	10	K.GVIVQYGGQTPLK.L	17
PSTAT+327	proteomics_stat	32773	32847	+	1	2	R.ALEAAGVPVIGTSPDAIDRAEDRER.F	29
PSTAT+328	proteomics_stat	32773	32829	+	1	9	R.ALEAAGVPVIGTSPDAIDR.A	23
PSTAT+329	proteomics_stat	32794	32829	+	1	2	V.PVIGTSPDAIDR.A	16
PSTAT+330	proteomics_stat	32875	32928	+	1	37	K.LKQPANATVTAIEMAVEK.A	22
PSTAT+331	proteomics_stat	32881	32928	+	1	4	K.QPANATVTAIEMAVEK.A	20
PSTAT+332	proteomics_stat	32929	32985	+	1	2	K.AKEIGYPLVVRPSYVLGGR.A	23
PSTAT+333	proteomics_stat	32935	32985	+	1	2	K.EIGYPLVVRPSYVLGGR.A	21
PSTAT+334	proteomics_stat	32986	33024	+	1	3	R.AMEIVYDEADLRR.Y	17
PSTAT+335	proteomics_stat	33286	33315	+	1	2	R.GLMNVQFAVK.N	14
PSTAT+336	proteomics_stat	33316	33351	+	1	8	K.NNEVYLIEVNPR.A	16
PSTAT+337	proteomics_stat	33433	33459	+	1	3	K.SLAEQGVTK.E	13
PSTAT+338	proteomics_stat	33490	33552	+	1	12	K.EVVLPFNKFPQVDPDPLLGPEMR.S	25
PSTAT+339	proteomics_stat	33514	33552	+	1	2	K.FPGVDPLLGPEMR.S	17
PSTAT+340	proteomics_stat	33583	33606	+	1	2	R.TFAEAFK.A	12
PSTAT+341	proteomics_stat	33607	33636	+	1	6	K.AQLGSNSTMK.K	14
PSTAT+342	proteomics_stat	33715	33783	+	1	3	K.QGFELDATHGTAIVLGEAGINPR.L	27
PSTAT+343	proteomics_stat	33829	33876	+	1	15	R.IKNGEYTYIINTTSGR.R	20
PSTAT+344	proteomics_stat	33835	33876	+	1	10	K.NGEYTYIINTTSGR.R	18
PSTAT+345	proteomics_stat	33928	33999	+	1	16	K.VHYDTTLNGGFATAMALNADATEK.V	28
PSTAT+346	proteomics_stat	34000	34035	+	1	9	K.VISVQEMHAQIK.-	16
PSTAT+347	proteomics_stat	49859	49918	+	2	4	R.VIGMENAMPWNLPADLAWFK.R	24
PSTAT+348	proteomics_stat	49922	49954	+	2	7	R.NTLNKPVIMGR.H	15
PSTAT+349	proteomics_stat	70573	70638	+	1	5	R.EFVCRPGDILLFPPGEIHHYGR.H	26
PSTAT+350	proteomics_stat	85690	85776	+	1	17	K.QVFGYPGGAVLDIYDALHTVGGIDHVLVR.H	33
PSTAT+351	proteomics_stat	85777	85818	+	1	2	R.HEQAAVHMADGLAR.A	18
PSTAT+352	proteomics_stat	86062	86118	+	1	3	K.AFWLAASGRPGPVVVDLPK.D	23
PSTAT+353	proteomics_stat	86119	86178	+	1	4	K.DILNPANKLPYVWPESVSMR.S	24
PSTAT+354	proteomics_stat	86143	86178	+	1	2	K.LPYVWPESVSMR.S	16
PSTAT+355	proteomics_stat	86179	86208	+	1	4	R.SYNPTTTGHK.G	14
PSTAT+356	proteomics_stat	86251	86310	+	1	3	K.KPVVYVGGGAITAGCHQQLK.E	24
PSTAT+357	proteomics_stat	86311	86385	+	1	3	K.ETVEALNLPVVCSLMGLGAFATHR.Q	29
PSTAT+358	proteomics_stat	86605	86673	+	1	2	R.QVLEQMLELLSQESAHLPLDEIR.D	27

PSTAT+359	proteomics_stat	86743	86778	+	1	9	K.IKPQAVIETLWR.L	16
PSTAT+360	proteomics_stat	86779	86826	+	1	2	R.LTKGDAYVTSVGVGQHQ.M	20
PSTAT+361	proteomics_stat	86788	86865	+	1	3	K.GDAYVTSVGVGQHMFAALYYPFDKPR.R	30
PSTAT+362	proteomics_stat	86869	86931	+	1	7	R.WINSGGLGTMGFGLPAALGVK.M	25
PSTAT+363	proteomics_stat	87106	87147	+	1	12	R.HSQSYMQLPDFVR.L	18
PSTAT+364	proteomics_stat	87366	87410	+	3	6	R.ILSVLLENESGALSR.V	19
PSTAT+365	proteomics_stat	87435	87491	+	3	3	R.GYNIESLTVAPTDDPTLSR.M	23
PSTAT+366	proteomics_stat	87492	87521	+	3	2	R.MTIQTVGDEK.V	14
PSTAT+367	proteomics_stat	87573	87608	+	3	7	R.VSELGQGAVHVER.E	16
PSTAT+368	proteomics_stat	87684	87746	+	3	5	R.GQIIDVTPSLYTVQLAGTSGK.L	25
PSTAT+369	proteomics_stat	87747	87773	+	3	2	K.LDAFLASIR.D	13
PSTAT+370	proteomics_stat	88214	88261	+	2	2	R.SIGLVIPDLENTSYTR.I	20
PSTAT+371	proteomics_stat	88658	88693	+	2	2	R.EVHFLYANSYER.E	16
PSTAT+372	proteomics_stat	88808	88903	+	2	10	R.DGKLPSDLAIATFGDNELLDLQCPVLAQAQR.H	36
PSTAT+373	proteomics_stat	88817	88903	+	2	4	K.LPSDLAIATFGDNELLDLQCPVLAQAQR.H	33
PSTAT+374	proteomics_stat	89859	89906	+	3	3	R.LLLGHASECQMDGAGR.L	20
PSTAT+375	proteomics_stat	90024	90071	+	3	4	K.EDIDAEQLATGDLSE.L	20
PSTAT+376	proteomics_stat	90112	90195	+	1	5	K.HTTVLLDEAVNGLNIRPDGIYIDGTFGR.G	32
PSTAT+377	proteomics_stat	90244	90288	+	1	6	R.LLAIDRDPQAIIVAK.T	19
PSTAT+378	proteomics_stat	90307	90360	+	1	8	R.FSIIHGPFSAIGEYVAER.D	22
PSTAT+379	proteomics_stat	90490	90552	+	1	5	R.GQSAEWLQTAEEDIWVVK.T	25
PSTAT+380	proteomics_stat	90631	90681	+	1	3	R.TKELAEVAAATPVKDK.F	21
PSTAT+381	proteomics_stat	90637	90681	+	1	4	K.ELAEVAAATPVKDK.F	19
PSTAT+382	proteomics_stat	90721	90765	+	1	2	R.IWVNSELEEIEQALK.S	19
PSTAT+383	proteomics_stat	90952	90990	+	1	3	K.LMPGEEVAENPR.A	17
PSTAT+384	proteomics_stat	93187	93225	+	1	2	R.DLLAPWVPDAPSR.A	17
PSTAT+385	proteomics_stat	93313	93396	+	1	4	R.RYIPQAIQAQVAAIIAEAKDEATDGEIR.E	32
PSTAT+386	proteomics_stat	93316	93369	+	1	10	R.YIPQAIQAQVAAIIAEAK.D	22
PSTAT+387	proteomics_stat	93316	93396	+	1	5	R.YIPQAIQAQVAAIIAEAKDEATDGEIR.E	31
PSTAT+388	proteomics_stat	93397	93444	+	1	4	R.EMHGVPIYLSQLNER.L	20
PSTAT+389	proteomics_stat	93466	93495	+	1	2	R.FYHEPSDNLR.L	14
PSTAT+390	proteomics_stat	93922	93981	+	1	2	K.LPDAVAVSMEDHINPNCHGR.W	24
PSTAT+391	proteomics_stat	93991	94032	+	1	6	K.ATEVNYHDSGATIR.F	18
PSTAT+392	proteomics_stat	94384	94416	+	1	2	A.DVAVVTDDNPR.T	15
PSTAT+393	proteomics_stat	94432	94482	+	1	3	R.AIINDILAGMLDAGHAK.V	21
PSTAT+394	proteomics_stat	94564	94599	+	1	5	K.GHEDYQIVGNQR.L	16
PSTAT+395	proteomics_stat	94824	94892	+	3	3	K.AGGAGALLVSRPLDIDLPLQIVK.D	27
PSTAT+396	proteomics_stat	95712	95789	+	3	2	R.VLVVGDMAELGAESEACHVQVGEAAK.A	30
PSTAT+397	proteomics_stat	97201	97245	+	1	3	R.MTPPGLDKLPEAVER.H	19
PSTAT+398	proteomics_stat	97390	97434	+	1	2	R.EAQAPIVAITGSNGK.S	19
PSTAT+399	proteomics_stat	97435	97470	+	1	2	K.STVTTLVGEMAK.A	16
PSTAT+400	proteomics_stat	97708	97752	+	1	2	K.VCVVNADDALTMPIR.G	19
PSTAT+401	proteomics_stat	97768	97836	+	1	2	R.CVSFGVNMGDYHLNHQQGETWLR.V	27
PSTAT+402	proteomics_stat	97876	97947	+	1	12	K.LSGQHNYTNALALALADAAGLPR.A	28
PSTAT+403	proteomics_stat	97996	98028	+	1	6	R.FEVVLEHNGVR.W	15
PSTAT+404	proteomics_stat	98047	98133	+	1	6	K.ATNVGSTEALNGLHVDGTLHLLGGDGK.S	33

PSTAT+405	proteomics_stat	98203	98274	+	1	3	R.DGAQLAALRPEVAEQTETMEQAMR.L	28
PSTAT+406	proteomics_stat	98290	98349	+	1	3	R.VQPGDMVLLSPACASLDQFK.N	24
PSTAT+407	proteomics_stat	100304	100360	+	2	6	K.GSQQSVEQAYAEAGQPQHK.V	23
PSTAT+408	proteomics_stat	100424	100495	+	2	5	R.SGALTVSEIAAAGLPALFVPFQHK.D	28
PSTAT+409	proteomics_stat	100550	100612	+	2	2	K.IIEQPQLSVDAVANTLAGWSR.E	25
PSTAT+410	proteomics_stat	101398	101442	+	1	2	K.QTFINFLHNLPHYGR.A	19
PSTAT+411	proteomics_stat	101638	101712	+	1	6	R.HNALNAAA AVAVATEEGIDDEAILR.A	29
PSTAT+412	proteomics_stat	101743	101790	+	1	4	R.RFDLGFLEPVPVNGK.S	20
PSTAT+413	proteomics_stat	101791	101856	+	1	4	K.SGTAMLVDDYGHHPTEVDATIK.A	26
PSTAT+414	proteomics_stat	102061	102099	+	1	2	R.GKIDPILVPDPAR.V	17
PSTAT+415	proteomics_stat	102100	102174	+	1	4	R.VAEMLAPVLTGNDLILVQGAGNIGK.I	29
PSTAT+416	proteomics_stat	102202	102237	+	1	3	K.LKPQTPEEEQHD.-	16
PSTAT+417	proteomics_stat	102326	102361	+	2	2	R.EGGIDAYPVDPK.E	16
PSTAT+418	proteomics_stat	102404	102427	+	2	2	K.VFIALHGR.G	12
PSTAT+419	proteomics_stat	102428	102523	+	2	3	R.GGEDGTLQGMLELMGLPYTGSGVMASALSMDK.L	36
PSTAT+420	proteomics_stat	102536	102589	+	2	5	K.LLWQGAGLPVAPWVALTR.A	22
PSTAT+421	proteomics_stat	102737	102775	+	2	2	R.LAFQHDEEV LIEK.W	17
PSTAT+422	proteomics_stat	102776	102838	+	2	4	K.WLSGPEFTVAILGEEILPSIR.I	25
PSTAT+423	proteomics_stat	102878	102961	+	2	2	K.YLSDETQYFCPAGLEASQEANLQALVLK.A	32
PSTAT+424	proteomics_stat	104039	104113	+	2	2	K.VAALVGEVLPDGMVNIIGVGSPPSR.G	29
PSTAT+425	proteomics_stat	104114	104158	+	2	5	R.GMDKGGVNDLESVVK.C	19
PSTAT+426	proteomics_stat	104171	104239	+	2	2	R.AIDQAEMLMADCCQISSVYLALSGK.H	27
PSTAT+427	proteomics_stat	104240	104332	+	2	11	K.HISCQNEIGMVPISSEEEVTQEDVENVVHTAK.S	35
PSTAT+428	proteomics_stat	104270	104332	+	2	2	M.VPISEEEVTQEDVENVVHTAK.S	25
PSTAT+429	proteomics_stat	104360	104440	+	2	9	R.VLHVIPQEY AIDYQEGIKNPVGLSGVR.M	31
PSTAT+430	proteomics_stat	104360	104413	+	2	2	R.VLHVIPQEY AIDYQEGIK.N	22
PSTAT+431	proteomics_stat	104453	104488	+	2	4	K.VHLITCHNDMAK.N	16
PSTAT+432	proteomics_stat	104672	104755	+	2	5	K.VIPYAGNVVTS DIAYAFGTPPSDAEAIK.V	32
PSTAT+433	proteomics_stat	104762	104839	+	2	4	R.HGCALGSIVGKDESVEVPSVGGRRPPR.S	30
PSTAT+434	proteomics_stat	104882	104935	+	2	6	R.YTELLNLVNEEILQLQEK.L	22
PSTAT+435	proteomics_stat	105053	105142	+	2	5	R.IGAPLNITGLTDY AQEPYYSTAVGLLHYGK.E	34
PSTAT+436	proteomics_stat	105143	105181	+	2	6	K.ESHLNGEAEVEKR.V	17
PSTAT+437	proteomics_stat	105143	105178	+	2	2	K.ESHLNGEAEVEK.R	16
PSTAT+438	proteomics_stat	105305	105346	+	2	3	T.MFEPMELTND AVIK.V	18
PSTAT+439	proteomics_stat	105347	105397	+	2	4	K.VIGVGGGGGNAVEHMMVR.E	21
PSTAT+440	proteomics_stat	105398	105457	+	2	3	R.ERIEGVEFFAVNTDAQALRK.T	24
PSTAT+441	proteomics_stat	105404	105457	+	2	2	R.IEGVEFFAVNTDAQALRK.T	22
PSTAT+442	proteomics_stat	105404	105454	+	2	5	R.IEGVEFFAVNTDAQALR.K	21
PSTAT+443	proteomics_stat	105455	105502	+	2	8	R.KTAVGQTIQIGSGITK.G	20
PSTAT+444	proteomics_stat	105458	105502	+	2	4	K.TAVGQTIQIGSGITK.G	19
PSTAT+445	proteomics_stat	105503	105538	+	2	5	K.GLGAGANPEVGR.N	16
PSTAT+446	proteomics_stat	105539	105571	+	2	2	R.NAAEDRDALR.A	15
PSTAT+447	proteomics_stat	105572	105667	+	2	5	R.AALEGADMVFI AAGMGGGTGTGAAPVVAEVAK.D	36
PSTAT+448	proteomics_stat	105668	105724	+	2	28	K.DLGILTVAVVTKPFNFEGK.K	23
PSTAT+449	proteomics_stat	105731	105769	+	2	5	R.MAFAEQGITELSK.H	17
PSTAT+450	proteomics_stat	105770	105805	+	2	10	K.HVDSLITIPNDK.L	16

PSTAT+451	proteomics_stat	105770	105814	+	2	2	K.HVDSLITIPNDKLLK.V	19
PSTAT+452	proteomics_stat	105827	105874	+	2	6	R.GISLLDAFGAANDVLK.G	20
PSTAT+453	proteomics_stat	105875	105946	+	2	14	K.GAVQGIAELITRPGLMNVDFADVR.T	28
PSTAT+454	proteomics_stat	105947	106009	+	2	2	R.TVMSEMGYAMMGSGVASGEDR.A	25
PSTAT+455	proteomics_stat	106079	106117	+	2	4	R.GVLVNITAGFDLR.L	17
PSTAT+456	proteomics_stat	106118	106153	+	2	2	R.LDEFETVGNTIR.A	16
PSTAT+457	proteomics_stat	106154	106225	+	2	10	R.AFASDNATVVIGTSLDPDMNDEL.R.V	28
PSTAT+458	proteomics_stat	106202	106225	+	2	3	D.PDMNDEL.R.V	12
PSTAT+459	proteomics_stat	106226	106291	+	2	11	R.VTVVATGIGMDKRPEITLVTNK.Q	26
PSTAT+460	proteomics_stat	106262	106291	+	2	4	K.RPEITLVTNK.Q	14
PSTAT+461	proteomics_stat	106292	106318	+	2	3	K.QVQQPVMDR.Y	13
PSTAT+462	proteomics_stat	106319	106372	+	2	3	R.YQQHGMAPLTQEQQPVAK.V	22
PSTAT+463	proteomics_stat	106370	106441	+	2	3	A.KVVNDNAPQTAKEPDYLDIPAFLR.K	28
PSTAT+464	proteomics_stat	106370	106405	+	2	3	A.KVVNDNAPQTAK.E	16
PSTAT+465	proteomics_stat	106373	106441	+	2	4	K.VVNDNAPQTAKEPDYLDIPAFLR.K	27
PSTAT+466	proteomics_stat	106373	106405	+	2	10	K.VVNDNAPQTAK.E	15
PSTAT+467	proteomics_stat	106581	106622	+	3	2	K.RIVQATGVGLHTGK.K	18
PSTAT+468	proteomics_stat	106584	106622	+	3	7	R.IVQATGVGLHTGK.K	17
PSTAT+469	proteomics_stat	106623	106676	+	3	3	K.KVTLTLRPAPANTGVIYR.R	22
PSTAT+470	proteomics_stat	106626	106676	+	3	8	K.VTLTLRPAPANTGVIYR.R	21
PSTAT+471	proteomics_stat	106677	106721	+	3	2	R.RTDLNPPVDFPADAK.S	19
PSTAT+472	proteomics_stat	108345	108389	+	3	3	R.KVVNIINAMEPEMEK.L	19
PSTAT+473	proteomics_stat	108348	108389	+	3	2	K.VVNIINAMEPEMEK.L	18
PSTAT+474	proteomics_stat	108447	108494	+	3	7	K.GEVLENLIPEAFAVVR.E	20
PSTAT+475	proteomics_stat	108525	108569	+	3	4	R.HFDVQLLGGMVLNER.C	19
PSTAT+476	proteomics_stat	108603	108650	+	3	3	K.TLTATLPAYLNALTGK.G	20
PSTAT+477	proteomics_stat	108651	108692	+	3	13	K.GVHVTVNDYLAQR.D	18
PSTAT+478	proteomics_stat	108780	108842	+	3	2	R.EAYAADITYGTNNEYGFDYLR.D	25
PSTAT+479	proteomics_stat	108843	108872	+	3	3	R.DNMAFSPEER.V	14
PSTAT+480	proteomics_stat	108882	108938	+	3	10	R.KLHYALVDEVDSILIDEAR.T	23
PSTAT+481	proteomics_stat	108885	108938	+	3	32	K.LHYALVDEVDSILIDEAR.T	22
PSTAT+482	proteomics_stat	108939	108989	+	3	3	R.TPLIISGPAEDSSEMYK.R	21
PSTAT+483	proteomics_stat	108939	108992	+	3	5	R.TPLIISGPAEDSSEMYKR.V	22
PSTAT+484	proteomics_stat	109143	109223	+	3	5	K.EGIMDEGESLYSPANIMLMHHVTAALR.A	31
PSTAT+485	proteomics_stat	109323	109358	+	3	7	R.WSDGLHQAVEAK.E	16
PSTAT+486	proteomics_stat	109326	109358	+	3	2	W.SDGLHQAVEAK.E	15
PSTAT+487	proteomics_stat	109437	109496	+	3	2	K.LAGMTGTADTEAFEFSSYK.L	24
PSTAT+488	proteomics_stat	109539	109580	+	3	2	R.KDLPDLVYMTEAEK.I	18
PSTAT+489	proteomics_stat	109542	109580	+	3	4	K.DLPDLVYMTEAEK.I	17
PSTAT+490	proteomics_stat	109581	109613	+	3	3	K.IQAIIEDIKER.T	15
PSTAT+491	proteomics_stat	109623	109661	+	3	2	K.GQPVLVGTISIEK.S	17
PSTAT+492	proteomics_stat	109725	109805	+	3	27	K.FHANEAAIVAQAGYPAAVTIATNMAGR.G	31
PSTAT+493	proteomics_stat	109806	109886	+	3	24	R.GTDIVLGGSWQAEVAALENPTAEQIEK.I	31
PSTAT+494	proteomics_stat	109911	109961	+	3	18	R.HDAVLEAGGLHIIGTER.H	21
PSTAT+495	proteomics_stat	110103	110153	+	3	4	R.KLGMKPGEAIEHPWVTK.A	21
PSTAT+496	proteomics_stat	110106	110153	+	3	10	K.LGMKPGEAIEHPWVTK.A	20

PSTAT+497	proteomics_stat	110205	110249	+	3	2	R.KQLLEYDDVANDQRR.A	19
PSTAT+498	proteomics_stat	110208	110246	+	3	2	K.QLLEYDDVANDQR.R	17
PSTAT+499	proteomics_stat	110268	110318	+	3	4	R.NELLDVSDVSETINSIR.E	21
PSTAT+500	proteomics_stat	110268	110333	+	3	26	R.NELLDVSDVSETINSIREDFVK.A	26
PSTAT+501	proteomics_stat	110334	110405	+	3	6	K.ATIDAYIPPQSLEEMWDIPGLQER.L	28
PSTAT+502	proteomics_stat	110406	110486	+	3	9	R.LKNDFDLPLIAEWLDKEPELHEETLR.E	31
PSTAT+503	proteomics_stat	110493	110525	+	3	2	R.ILAQSIEVYQR.K	15
PSTAT+504	proteomics_stat	110526	110558	+	3	10	R.KEEVVGAEEMMR.H	15
PSTAT+505	proteomics_stat	110571	110606	+	3	3	K.GVMLQTLDSLWK.E	16
PSTAT+506	proteomics_stat	110607	110636	+	3	6	K.EHLAAMDYLR.Q	14
PSTAT+507	proteomics_stat	110829	110909	+	3	5	R.LAQMQQLSHQDDDSAAAAALAAQTGER.K	31
PSTAT+508	proteomics_stat	113480	113500	+	2	2	K.DVLIRPK.R	11
PSTAT+509	proteomics_stat	113516	113542	+	2	8	K.SRSDVELER.Q	13
PSTAT+510	proteomics_stat	113675	113734	+	2	23	K.HYSVEEWQAFINNSSADVLK.H	24
PSTAT+511	proteomics_stat	113735	113779	+	2	16	K.HVMVSTGTSDADFEK.T	19
PSTAT+512	proteomics_stat	113735	113785	+	2	4	K.HVMVSTGTSDADFEKTK.Q	21
PSTAT+513	proteomics_stat	113975	114010	+	2	2	K.VGIGPGSVCTTR.V	16
PSTAT+514	proteomics_stat	114134	114205	+	2	7	K.AFGGGADFVMLGGMLAGHEESGGR.I	28
PSTAT+515	proteomics_stat	114230	114271	+	2	9	K.FMLFYGMSSSESAMK.R	18
PSTAT+516	proteomics_stat	114326	114361	+	2	5	K.LPLRGPVENTAR.D	16
PSTAT+517	proteomics_stat	114383	114412	+	2	5	R.SACTYVGASR.L	14
PSTAT+518	proteomics_stat	119087	119146	+	2	2	E.GTDTLAYTDAQYQQLAAVTR.A	24
PSTAT+519	proteomics_stat	119500	119544	+	1	2	V.WLLIGLLCIGAGKVR.L	19
PSTAT+520	proteomics_stat	122122	122190	+	1	10	K.LSDVIEQQLEFLILEGTLRPGEK.L	27
PSTAT+521	proteomics_stat	122404	122445	+	1	3	R.HALEGIAAYYAALR.S	18
PSTAT+522	proteomics_stat	122704	122745	+	1	2	R.IFEAIMAGKPEAR.E	18
PSTAT+523	proteomics_stat	122761	122796	+	1	2	R.HLAFIEEILLDR.S	16
PSTAT+524	proteomics_stat	123020	123061	+	2	20	M.SERFPNDVDPIETR.D	18
PSTAT+525	proteomics_stat	123029	123061	+	2	4	R.FPNDVDPIETR.D	15
PSTAT+526	proteomics_stat	123062	123112	+	2	15	R.DWLQAIESVIREEGVER.A	21
PSTAT+527	proteomics_stat	123062	123094	+	2	16	R.DWLQAIESVIR.E	15
PSTAT+528	proteomics_stat	123113	123151	+	2	23	R.AQYLIDQLLAEAR.K	17
PSTAT+529	proteomics_stat	123113	123154	+	2	2	R.AQYLIDQLLAEAR.K	18
PSTAT+530	proteomics_stat	123152	123256	+	2	5	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	39
PSTAT+531	proteomics_stat	123152	123259	+	2	9	R.KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELERR.I	40
PSTAT+532	proteomics_stat	123155	123256	+	2	3	K.GGVNVAAGTGISNYINTIPVEEQPEYPGNLELER.R	38
PSTAT+533	proteomics_stat	123278	123304	+	2	4	R.WNAIMTVLR.A	13
PSTAT+534	proteomics_stat	123353	123397	+	2	2	Q.SSATIYDVCFNHFFR.A	19
PSTAT+535	proteomics_stat	123398	123469	+	2	23	R.ARNEQDGGDLVYFQGHISPGVYAR.A	28
PSTAT+536	proteomics_stat	123404	123469	+	2	10	R.NEQDGGDLVYFQGHISPGVYAR.A	26
PSTAT+537	proteomics_stat	123404	123445	+	2	3	R.NEQDGGDLVYFQGH.I	18
PSTAT+538	proteomics_stat	123488	123562	+	2	13	R.LTQEQLDNFRQEVHGNGLSSYPHPK.L	29
PSTAT+539	proteomics_stat	123488	123517	+	2	6	R.LTQEQLDNFR.Q	14
PSTAT+540	proteomics_stat	123563	123637	+	2	21	K.LMPEFWQFPTVSMGLGPIGAIYQAK.F	29
PSTAT+541	proteomics_stat	123584	123637	+	2	2	Q.FPTVSMGLGPIGAIYQAK.F	22
PSTAT+542	proteomics_stat	123683	123736	+	2	6	K.QTVYAFLGDGEMDEPESK.G	22

PSTAT+543	proteomics_stat	123737	123760	+	2	4	K.GAITIATR.E	12
PSTAT+544	proteomics_stat	123761	123808	+	2	39	R.EKLDNLVFNLCNLQR.L	20
PSTAT+545	proteomics_stat	123767	123808	+	2	2	K.LDNLVFNLCNLQR.L	18
PSTAT+546	proteomics_stat	123809	123838	+	2	8	R.LDGPVTGNGK.I	14
PSTAT+547	proteomics_stat	123839	123892	+	2	205	K.IINELEGIFEGAGWNVIK.V	22
PSTAT+548	proteomics_stat	123842	123892	+	2	2	I.INELEGIFEGAGWNVIK.V	21
PSTAT+549	proteomics_stat	123947	123997	+	2	25	K.LIQLMNETVDGDYQTFK.S	21
PSTAT+550	proteomics_stat	123950	123997	+	2	2	L.IQLMNETVDGDYQTFK.S	20
PSTAT+551	proteomics_stat	123998	124021	+	2	3	K.SKDGAYVR.E	12
PSTAT+552	proteomics_stat	124022	124039	+	2	4	R.EHFFGK.Y	10
PSTAT+553	proteomics_stat	124022	124102	+	2	7	R.EHFFGKYPETAALVADWTDEQIWALNR.G	31
PSTAT+554	proteomics_stat	124040	124102	+	2	21	K.YPETAALVADWTDEQIWALNR.G	25
PSTAT+555	proteomics_stat	124160	124186	+	2	4	K.GKATVILAH.T	13
PSTAT+556	proteomics_stat	124166	124195	+	2	4	K.ATVILAHTIK.G	14
PSTAT+557	proteomics_stat	124196	124228	+	2	7	K.GYGMGDAEKG.N	15
PSTAT+558	proteomics_stat	124283	124384	+	2	12	R.DRFNVPVSDADIEKLPYITFPEGSEEHTYLHAQR.Q	38
PSTAT+559	proteomics_stat	124283	124324	+	2	3	R.DRFNVPVSDADIEK.L	18
PSTAT+560	proteomics_stat	124289	124384	+	2	13	R.FNVVSDADIEKLPYITFPEGSEEHTYLHAQR.Q	36
PSTAT+561	proteomics_stat	124325	124384	+	2	9	K.LPYITFPEGSEEHTYLHAQR.Q	24
PSTAT+562	proteomics_stat	124334	124384	+	2	2	Y.ITFPEGSEEHTYLHAQR.Q	21
PSTAT+563	proteomics_stat	124415	124489	+	2	5	R.QPNFTEKLELPSLQDFGALLEEQSK.E	29
PSTAT+564	proteomics_stat	124436	124489	+	2	22	K.LELPSLQDFGALLEEQSK.E	22
PSTAT+565	proteomics_stat	124436	124519	+	2	44	K.LELPSLQDFGALLEEQSKEISTTIAFVR.A	32
PSTAT+566	proteomics_stat	124490	124519	+	2	3	K.EISTTIAFVR.A	14
PSTAT+567	proteomics_stat	124562	124591	+	2	2	R.LVPIIADEAR.T	14
PSTAT+568	proteomics_stat	124592	124618	+	2	2	R.TFGMEGLFR.Q	13
PSTAT+569	proteomics_stat	124595	124618	+	2	2	T.FGMEGLFR.Q	12
PSTAT+570	proteomics_stat	124598	124669	+	2	3	F.GMEGLFRQIGIYSPNGQQYTPQDR.E	28
PSTAT+571	proteomics_stat	124619	124669	+	2	10	R.QIGIYSPNGQQYTPQDR.E	21
PSTAT+572	proteomics_stat	124622	124669	+	2	4	Q.IGIYSPNGQQYTPQDR.E	20
PSTAT+573	proteomics_stat	124670	124702	+	2	6	R.EQVAYYKEDEK.G	15
PSTAT+574	proteomics_stat	124838	124879	+	2	7	R.IGDLCWAAGDQQAR.G	18
PSTAT+575	proteomics_stat	124880	124909	+	2	4	R.GFLIGGTSGR.T	14
PSTAT+576	proteomics_stat	124982	125047	+	2	2	N.CISYDPAYAYEVAVIMHDGLER.M	26
PSTAT+577	proteomics_stat	125063	125149	+	2	14	K.QENVYYYITTLNENYHMPAMPEGAEEGIR.K	33
PSTAT+578	proteomics_stat	125063	125152	+	2	29	K.QENVYYYITTLNENYHMPAMPEGAEEGIRK.G	34
PSTAT+579	proteomics_stat	125150	125188	+	2	5	R.KGIYKLETIEGSK.G	17
PSTAT+580	proteomics_stat	125153	125188	+	2	10	K.GIYKLETIEGSK.G	16
PSTAT+581	proteomics_stat	125189	125227	+	2	10	K.GKVQLLGSILR.H	17
PSTAT+582	proteomics_stat	125195	125227	+	2	6	K.VQLLGSILR.H	15
PSTAT+583	proteomics_stat	125261	125317	+	2	93	K.DYGVGSDVYSVTSFTELAR.D	23
PSTAT+584	proteomics_stat	125339	125371	+	2	21	R.WNMLHPLETTPR.V	15
PSTAT+585	proteomics_stat	125372	125434	+	2	14	R.VPYIAQVMNDAPAVASTDYMK.L	25
PSTAT+586	proteomics_stat	125381	125434	+	2	6	Y.IAQVMNDAPAVASTDYMK.L	22
PSTAT+587	proteomics_stat	125456	125482	+	2	3	R.TYVPADDYR.V	13
PSTAT+588	proteomics_stat	125612	125638	+	2	10	K.KVVADAIK.F	13

PSTAT+589	proteomics_stat	125639	125671	+	2	16	K.FNIDADKVNPR.L	15
PSTAT+590	proteomics_stat	125642	125671	+	2	5	F.NIDADKVNPR.L	14
PSTAT+591	proteomics_stat	125645	125671	+	2	2	N.IDADKVNPR.L	13
PSTAT+592	proteomics_stat	125698	125763	+	1	33	M.AIEIKVPDIGADEVEITEILVK.V	26
PSTAT+593	proteomics_stat	125713	125763	+	1	70	K.VPDIGADEVEITEILVK.V	21
PSTAT+594	proteomics_stat	125869	125967	+	1	3	K.VSVGDKTQTGALIMIFDSADGAADAAPAQAEK.K	37
PSTAT+595	proteomics_stat	125887	125970	+	1	10	K.TQTGALIMIFDSADGAADAAPAQAEK.E	32
PSTAT+596	proteomics_stat	125887	125967	+	1	4	K.TQTGALIMIFDSADGAADAAPAQAEK.K	31
PSTAT+597	proteomics_stat	125920	125967	+	1	2	D.SADGAADAAPAQAEK.K	20
PSTAT+598	proteomics_stat	125968	126012	+	1	10	K.KEAAPAAAPAAAAA.K.D	19
PSTAT+599	proteomics_stat	125971	126012	+	1	9	K.EAAPAAAPAAAAA.K.D	18
PSTAT+600	proteomics_stat	126013	126072	+	1	31	K.DVNVDPDIGSDEVEVTEILVK.V	24
PSTAT+601	proteomics_stat	126022	126072	+	1	3	N.VPDIGSDEVEVTEILVK.V	21
PSTAT+602	proteomics_stat	126025	126072	+	1	2	V.PDIGSDEVEVTEILVK.V	20
PSTAT+603	proteomics_stat	126196	126267	+	1	5	K.VSTGSLIMVFEVAGEAGAAAPAAK.Q	28
PSTAT+604	proteomics_stat	126268	126315	+	1	10	K.QEAAPAAAPAPAAGVK.E	20
PSTAT+605	proteomics_stat	126316	126375	+	1	12	K.EVNVPDIGGDEVEVTEVMVK.V	24
PSTAT+606	proteomics_stat	126472	126504	+	1	2	K.ELKVNVDGDKVK.T	15
PSTAT+607	proteomics_stat	126505	126600	+	1	39	K.TGSLIMIFEVEGAAPAAAPAKQEAAPAPAAK.A	36
PSTAT+608	proteomics_stat	126505	126567	+	1	49	K.TGSLIMIFEVEGAAPAAAPAK.Q	25
PSTAT+609	proteomics_stat	126568	126600	+	1	8	K.QEAAPAPAAK.A	15
PSTAT+610	proteomics_stat	126601	126633	+	1	12	K.AEAPAAAPAAK.A	15
PSTAT+611	proteomics_stat	126604	126633	+	1	2	A.EAPAAAPAAK.A	14
PSTAT+612	proteomics_stat	126634	126696	+	1	4	K.AEGKSEFAENDAYVHATPLIR.R	25
PSTAT+613	proteomics_stat	126646	126696	+	1	11	K.SEFAENDAYVHATPLIR.R	21
PSTAT+614	proteomics_stat	126760	126792	+	1	26	R.ILREDVQAYVK.E	15
PSTAT+615	proteomics_stat	126763	126792	+	1	6	I.LREDVQAYVK.E	14
PSTAT+616	proteomics_stat	126805	126867	+	1	11	K.RAEAAPAATGGGIPGMLPWPK.V	25
PSTAT+617	proteomics_stat	126805	126894	+	1	2	K.RAEAAPAATGGGIPGMLPWPKVDFSKFGEI.E	34
PSTAT+618	proteomics_stat	126808	126867	+	1	13	R.AEAAPAATGGGIPGMLPWPK.V	24
PSTAT+619	proteomics_stat	126883	126915	+	1	7	K.FGEIEEVELGR.I	15
PSTAT+620	proteomics_stat	126949	126987	+	1	2	R.NWVMIPHVTHFDK.T	17
PSTAT+621	proteomics_stat	126949	127017	+	1	24	R.NWVMIPHVTHFDKTDITELEAFR.K	27
PSTAT+622	proteomics_stat	126970	127017	+	1	7	H.VTHFDKTDITELEAFR.K	20
PSTAT+623	proteomics_stat	126988	127020	+	1	2	K.TDITELEAFR.K.Q	15
PSTAT+624	proteomics_stat	127063	127089	+	1	2	K.ITPVVFIMK.A	13
PSTAT+625	proteomics_stat	127090	127122	+	1	7	K.AVAAALEQMPR.F	15
PSTAT+626	proteomics_stat	127123	127155	+	1	8	R.FNSLSSEDGQR.L	15
PSTAT+627	proteomics_stat	127168	127230	+	1	7	K.KYINIGVAVDTPNGLVVPVK.D	25
PSTAT+628	proteomics_stat	127171	127230	+	1	82	K.YINIGVAVDTPNGLVVPVK.D	24
PSTAT+629	proteomics_stat	127171	127245	+	1	4	K.YINIGVAVDTPNGLVVPVKDVNKK.G	29
PSTAT+630	proteomics_stat	127243	127266	+	1	4	K.KGIILSR.E	12
PSTAT+631	proteomics_stat	127267	127287	+	1	2	R.ELMTISK.K	11
PSTAT+632	proteomics_stat	127306	127425	+	1	84	K.LTAGEMQGGCFTISSIGGLGTTTFAPIVNAPEVAILGVSK.S	44
PSTAT+633	proteomics_stat	127426	127470	+	1	4	K.SAMEPVWNGKEFVPR.L	19
PSTAT+634	proteomics_stat	127471	127506	+	1	3	R.LMLPISLSFDHR.V	16

PSTAT+635	proteomics_stat	127507	127533	+	1	5	R.VIDGADGAR.F	13
PSTAT+636	proteomics_stat	127531	127572	+	1	8	A.RFITIINNTLSDIR.R	18
PSTAT+637	proteomics_stat	127534	127572	+	1	15	R.FITIINNTLSDIR.R	17
PSTAT+638	proteomics_stat	127534	127575	+	1	6	R.FITIINNTLSDIRR.L	18
PSTAT+639	proteomics_stat	127930	127983	+	1	20	K.TQVVVLGAGPAGYSAAFR.C	22
PSTAT+640	proteomics_stat	127933	127983	+	1	3	T.QVVVLGAGPAGYSAAFR.C	21
PSTAT+641	proteomics_stat	128023	128073	+	1	2	R.YNTLGGVCLNVGCIPSK.A	21
PSTAT+642	proteomics_stat	128113	128151	+	1	31	K.ALAEHGIVFGPEK.T	17
PSTAT+643	proteomics_stat	128116	128151	+	1	7	A.LAEHGIVFGPEK.T	16
PSTAT+644	proteomics_stat	128119	128151	+	1	2	L.AEHGIVFGPEK.T	15
PSTAT+645	proteomics_stat	128182	128229	+	1	10	K.EKVINQLTGGLAGMAK.G	20
PSTAT+646	proteomics_stat	128188	128229	+	1	17	K.VINQLTGGLAGMAK.G	18
PSTAT+647	proteomics_stat	128266	128310	+	1	11	K.FTGANTLEVEGENGK.T	19
PSTAT+648	proteomics_stat	128311	128394	+	1	34	K.TVINFDNAIIAAGSRPIQLPFIPHEDPR.I	32
PSTAT+649	proteomics_stat	128311	128355	+	1	4	K.TVINFDNAIIAAGSR.P	19
PSTAT+650	proteomics_stat	128311	128388	+	1	2	K.TVINFDNAIIAAGSRPIQLPFIPHED.P	30
PSTAT+651	proteomics_stat	128395	128427	+	1	7	R.IWDSTDALELK.E	15
PSTAT+652	proteomics_stat	128497	128571	+	1	8	H.ALGSQIDVVEMFDQVIPAADKDIVK.V	29
PSTAT+653	proteomics_stat	128596	128622	+	1	8	K.KFNLMLETK.V	13
PSTAT+654	proteomics_stat	128623	128676	+	1	7	K.VTAVEAKEDGIYVTMEGK.K	22
PSTAT+655	proteomics_stat	128644	128676	+	1	6	K.EDGIYVTMEGK.K	15
PSTAT+656	proteomics_stat	128677	128730	+	1	13	K.KAPAEPQRYDAVLVAIGR.V	22
PSTAT+657	proteomics_stat	128680	128730	+	1	3	K.APAEPQRYDAVLVAIGR.V	21
PSTAT+658	proteomics_stat	128701	128730	+	1	5	R.YDAVLVAIGR.V	14
PSTAT+659	proteomics_stat	128764	128787	+	1	6	K.AGVEVDDR.G	12
PSTAT+660	proteomics_stat	128818	128880	+	1	48	R.TNVPHIFAIGDIVGQPMLAHK.G	25
PSTAT+661	proteomics_stat	128818	128874	+	1	4	R.TNVPHIFAIGDIVGQPMLA.H	23
PSTAT+662	proteomics_stat	128833	128880	+	1	3	H.IFAIGDIVGQPMLAHK.G	20
PSTAT+663	proteomics_stat	128881	128925	+	1	11	K.GVHEGHVAAEVIAGK.K	19
PSTAT+664	proteomics_stat	128881	128928	+	1	38	K.GVHEGHVAAEVIAGKK.H	20
PSTAT+665	proteomics_stat	128947	129006	+	1	8	K.VIPSIAYTEPEVAWVGLTEK.E	24
PSTAT+666	proteomics_stat	129016	129069	+	1	7	K.EKGISYETATFPWAASGR.A	22
PSTAT+667	proteomics_stat	129022	129069	+	1	14	K.GISYETATFPWAASGR.A	20
PSTAT+668	proteomics_stat	129025	129069	+	1	2	G.ISYETATFPWAASGR.A	19
PSTAT+669	proteomics_stat	129028	129069	+	1	2	I.SYETATFPWAASGR.A	18
PSTAT+670	proteomics_stat	129070	129105	+	1	15	R.AIASDCADGMTK.L	16
PSTAT+671	proteomics_stat	129073	129105	+	1	3	A.IASDCADGMTK.L	15
PSTAT+672	proteomics_stat	131651	131719	+	2	16	R.AAEGIAPKPLDANQMAALVELLK.N	27
PSTAT+673	proteomics_stat	131651	131674	+	2	2	R.AAEGIAPK.P	12
PSTAT+674	proteomics_stat	131675	131719	+	2	2	K.PLDANQMAALVELLK.N	19
PSTAT+675	proteomics_stat	131693	131770	+	2	6	Q.MAALVELLKNPPAGEEEFLDLLTNR.V	30
PSTAT+676	proteomics_stat	131720	131770	+	2	19	K.NPPAGEEEFLDLLTNR.V	21
PSTAT+677	proteomics_stat	131720	131806	+	2	6	K.NPPAGEEEFLDLLTNRVPPGVDEAAYVK.A	33
PSTAT+678	proteomics_stat	131771	131806	+	2	2	R.VPPGVDEAAYVK.A	16
PSTAT+679	proteomics_stat	131807	131833	+	2	4	K.AGFLAAIAK.G	13
PSTAT+680	proteomics_stat	131846	131869	+	2	7	K.SPLLTPEK.A	12

PSTAT+681	proteomics_stat	131870	131944	+	2	99	K.AIELLGTMQGGYNIHPLIDALDDAK.L	29
PSTAT+682	proteomics_stat	131966	132019	+	2	72	K.ALSHTLLMFDNFYDVEEK.A	22
PSTAT+683	proteomics_stat	132047	132109	+	2	7	K.QVMQSWADAEWFLNRPALAEK.L	25
PSTAT+684	proteomics_stat	132233	132277	+	2	13	R.EGIEPDQPGVVGPIK.Q	19
PSTAT+685	proteomics_stat	132299	132352	+	2	3	Q.KGFPLAYVGDVVGTSR.K	22
PSTAT+686	proteomics_stat	132302	132352	+	2	11	K.GFPLAYVGDVVGTSR.K	21
PSTAT+687	proteomics_stat	132353	132418	+	2	18	R.KSATNSVLWFMGDDIPHPNKR.G	26
PSTAT+688	proteomics_stat	132353	132415	+	2	11	R.KSATNSVLWFMGDDIPHPNK.R	25
PSTAT+689	proteomics_stat	132356	132418	+	2	27	K.SATNSVLWFMGDDIPHPNKR.G	25
PSTAT+690	proteomics_stat	132356	132415	+	2	2	K.SATNSVLWFMGDDIPHPNK.R	24
PSTAT+691	proteomics_stat	132419	132445	+	2	4	R.GGGLCLGGK.I	13
PSTAT+692	proteomics_stat	132446	132565	+	2	9	K.IAPIFFNTMEDAGALPIEVDVSNLNMGDVIDVYPYKGEVR.N	44
PSTAT+693	proteomics_stat	132491	132565	+	2	6	L.PIEVDVSNLNMGDVIDVYPYKGEVR.N	29
PSTAT+694	proteomics_stat	132503	132565	+	2	2	V.DVSNLNMGDVIDVYPYKGEVR.N	25
PSTAT+695	proteomics_stat	132509	132565	+	2	5	V.SNLNMGDVIDVYPYKGEVR.N	23
PSTAT+696	proteomics_stat	132518	132565	+	2	3	L.NMGDVIDVYPYKGEVR.N	20
PSTAT+697	proteomics_stat	132566	132607	+	2	51	R.NHETGELLATFELK.T	18
PSTAT+698	proteomics_stat	132608	132634	+	2	5	K.TDVLIDEVR.A	13
PSTAT+699	proteomics_stat	132635	132667	+	2	2	R.AGGRIPLIIGR.G	15
PSTAT+700	proteomics_stat	132689	132724	+	2	9	R.EALGLPHSDVFR.Q	16
PSTAT+701	proteomics_stat	132734	132775	+	2	4	K.DVAESDRGFSLAQK.M	18
PSTAT+702	proteomics_stat	132803	132835	+	2	7	K.GIRPGAYCEPK.M	15
PSTAT+703	proteomics_stat	132836	132880	+	2	11	K.MTSVGSQDTTGPMTR.D	19
PSTAT+704	proteomics_stat	132965	133015	+	2	6	K.PVDVNTHTLPDFIMNR.G	21
PSTAT+705	proteomics_stat	133016	133069	+	2	10	R.GGVSLRPGDGVHISWLN.R.M	22
PSTAT+706	proteomics_stat	133070	133117	+	2	4	R.MLLPDTVGTGGDSHTR.F	20
PSTAT+707	proteomics_stat	133073	133117	+	2	2	M.LLPDTVGTGGDSHTR.F	19
PSTAT+708	proteomics_stat	133118	133219	+	2	19	R.FPIGISFPAGSGLVAFAAATGV MPLDMPESVLR.F	38
PSTAT+709	proteomics_stat	133256	133291	+	2	6	R.DLVHAIPLYAIK.Q	16
PSTAT+710	proteomics_stat	133325	133345	+	2	2	K.KNIFSGR.I	11
PSTAT+711	proteomics_stat	133346	133420	+	2	122	R.ILEIEGLPDLKVEQAFELTDASAER.S	29
PSTAT+712	proteomics_stat	133346	133378	+	2	2	R.ILEIEGLPDLK.V	15
PSTAT+713	proteomics_stat	133379	133420	+	2	4	K.VEQAFELTDASAER.S	18
PSTAT+714	proteomics_stat	133445	133498	+	2	98	K.LNKEPIIEYLNINIVLLK.W	22
PSTAT+715	proteomics_stat	133445	133477	+	2	3	K.LNKEPIIEYLN.S	15
PSTAT+716	proteomics_stat	133454	133498	+	2	2	K.EPIIEYLNINIVLLK.W	19
PSTAT+717	proteomics_stat	133502	133531	+	2	2	W.MIAEGYDRR.T	14
PSTAT+718	proteomics_stat	133718	133768	+	2	27	K.IDEVFIGSMTNIGHFR.A	21
PSTAT+719	proteomics_stat	133841	133891	+	2	15	R.MDAAQLTEEGYYSVFGK.S	21
PSTAT+720	proteomics_stat	133844	133891	+	2	4	M.DAAQLTEEGYYSVFGK.S	20
PSTAT+721	proteomics_stat	133904	133948	+	2	2	R.IEIPGCSLCMGNQAR.V	19
PSTAT+722	proteomics_stat	133949	133987	+	2	7	R.VADGATVVSTSTR.N	17
PSTAT+723	proteomics_stat	133952	133987	+	2	3	V.ADGATVVSTSTR.N	16
PSTAT+724	proteomics_stat	133955	133987	+	2	2	A.DGATVVSTSTR.N	15
PSTAT+725	proteomics_stat	133976	134071	+	2	20	S.TSTRNFPNRLGTGANVFLASAE LAAVAALIGK.L	36
PSTAT+726	proteomics_stat	134003	134071	+	2	642	R.LGTGANVFLASAE LAAVAALIGK.L	27

PSTAT+727	proteomics_stat	134003	134119	+	2	16	R.LGTGANVFLASAEAAVAALIGKLPTEEEYQTYVAQVDK.T	43
PSTAT+728	proteomics_stat	134072	134140	+	2	2	K.LPTPEEYQTYVAQVDKTAVDTYR.Y	27
PSTAT+729	proteomics_stat	134072	134119	+	2	7	K.LPTPEEYQTYVAQVDK.T	20
PSTAT+730	proteomics_stat	134141	134179	+	2	10	R.YLNFNQLSQYTEK.A	17
PSTAT+731	proteomics_stat	134144	134179	+	2	2	Y.LNFNQLSQYTEK.A	16
PSTAT+732	proteomics_stat	134436	134486	+	3	4	R.MSMGHEVVGHWFNVEVK.E	21
PSTAT+733	proteomics_stat	134562	134612	+	3	8	R.AGHEYTLWMDGEEVMVR.A	21
PSTAT+734	proteomics_stat	137167	137217	+	1	7	A.AERPTLPIPDLTTDAR.N	21
PSTAT+735	proteomics_stat	137224	137268	+	1	3	R.IQLTIGAGQSTFGGK.T	19
PSTAT+736	proteomics_stat	137269	137319	+	1	2	K.TATTWGYNGNLLGPAVK.L	21
PSTAT+737	proteomics_stat	137605	137649	+	1	3	K.QWGIDDPVIVQDKK.F	19
PSTAT+738	proteomics_stat	137605	137646	+	1	2	K.QWGIDDPVIVQDK.K	18
PSTAT+739	proteomics_stat	137809	137889	+	1	5	R.SLNFATSDNRPLYVIASDGGLLPEPVK.V	31
PSTAT+740	proteomics_stat	138037	138129	+	1	7	R.IQPIAISASGALPDTLSSLPALPSLEGLTVR.K	35
PSTAT+741	proteomics_stat	138133	138192	+	1	5	K.LQLSMDPMLDMMGMQMLMEK.Y	24
PSTAT+742	proteomics_stat	138286	138309	+	1	4	K.FDFHHANK.I	12
PSTAT+743	proteomics_stat	138310	138360	+	1	4	K.INGQAFDMNKPMAAAK.G	21
PSTAT+744	proteomics_stat	138442	138480	+	1	3	R.ILSENGKPPAAHR.A	17
PSTAT+745	proteomics_stat	141437	141475	+	2	10	K.HTVEVMIPEAEIK.A	17
PSTAT+746	proteomics_stat	141515	141559	+	2	3	R.YKDSGSDMVLVGLLR.G	19
PSTAT+747	proteomics_stat	141674	141703	+	2	2	K.ILKDLDEDIR.G	14
PSTAT+748	proteomics_stat	141683	141703	+	2	3	K.DLDEDIR.G	11
PSTAT+749	proteomics_stat	141704	141760	+	2	24	R.GKDVLIVEDIIDSGNTLSK.V	23
PSTAT+750	proteomics_stat	141710	141760	+	2	11	K.DVLIVEDIIDSGNTLSK.V	21
PSTAT+751	proteomics_stat	141767	141793	+	2	2	R.EILSLREPK.S	13
PSTAT+752	proteomics_stat	141836	141919	+	2	21	R.EVNVPEFIGFSIPDEFVVGYGIDYAQR.Y	32
PSTAT+753	proteomics_stat	142962	143009	+	3	2	R.VSVFGYDLEKDVVNAK.R	20
PSTAT+754	proteomics_stat	143571	143636	+	3	2	R.EQGINSVFTQLSEQGIQVLSMR.N	26
PSTAT+755	proteomics_stat	143643	143687	+	3	3	K.ANRLEELFVSLVNEK.Q	19
PSTAT+756	proteomics_stat	162108	162203	+	3	2	V.SSLPVAAVLPELLTALDCAPQVLLSAPTGAGK.S	36
PSTAT+757	proteomics_stat	164811	164873	+	3	3	R.YEDDDDDYDDYDEEPMPR.K	25
PSTAT+758	proteomics_stat	165384	165434	+	3	4	R.SGFPDLLVDTLLATEDR.H	21
PSTAT+759	proteomics_stat	165864	165941	+	3	5	R.LLQQQQIIDQELYDMLSARPLGVQPR.G	30
PSTAT+760	proteomics_stat	165942	165986	+	3	4	R.GGVISPQPAFMQLVR.Q	19
PSTAT+761	proteomics_stat	166041	166085	+	3	2	K.IFTTFDSVAQDAEK.A	19
PSTAT+762	proteomics_stat	166185	166229	+	3	2	R.AMVGGSEPPQFAGYNR.A	19
PSTAT+763	proteomics_stat	166248	166304	+	3	3	R.SIGSLAKPATYLTALSQPK.I	23
PSTAT+764	proteomics_stat	166443	166514	+	3	3	R.SMNVPVNLGMALGLPAVTETWIK.L	28
PSTAT+765	proteomics_stat	166530	166631	+	3	15	K.DQLHPVPAMLLGALNLTPIEVAQAFQTIASGGNR.A	38
PSTAT+766	proteomics_stat	166797	166823	+	3	2	K.YPNLHLAGK.T	13
PSTAT+767	proteomics_stat	167598	167675	+	3	5	K.EDTITVTAAPAPQESAWGPAATIAAR.Q	30
PSTAT+768	proteomics_stat	167676	167717	+	3	3	R.QSATGTKTDTPIQK.V	18
PSTAT+769	proteomics_stat	167718	167774	+	3	3	K.VPQISVVTAEEMALHQPK.S	23
PSTAT+770	proteomics_stat	167784	167825	+	3	2	K.EALSYPGVSVGTR.G	18
PSTAT+771	proteomics_stat	167826	167861	+	3	6	R.GASNTYDHLIIR.G	16
PSTAT+772	proteomics_stat	167862	167912	+	3	5	R.GFAAEGQSQNNYLNGLK.L	21

PSTAT+773	proteomics_stat	168045	168083	+	3	3	K.RPTTEPLKEVQFK.A	17
PSTAT+774	proteomics_stat	168084	168161	+	3	10	K.AGTDSLFTQGFDFSDSLDDDGVSYSR.L	30
PSTAT+775	proteomics_stat	168330	168362	+	3	2	K.EGTVEPLPNGK.R	15
PSTAT+776	proteomics_stat	168363	168395	+	3	6	K.RLPTDFNEGAK.N	15
PSTAT+777	proteomics_stat	168501	168563	+	3	3	K.TSQNSVYGYGVCSDPANAYSK.Q	25
PSTAT+778	proteomics_stat	168612	168674	+	3	4	R.KYVVDEKLNQNSVDTQLQSK.F	25
PSTAT+779	proteomics_stat	168675	168728	+	3	7	K.FATGDIDHTLLTGVDVDFMR.M	22
PSTAT+780	proteomics_stat	169107	169133	+	3	4	K.DGNIFAPSK.G	13
PSTAT+781	proteomics_stat	169161	169217	+	3	2	K.YVPEDRPIVVTGAVYNLTK.T	23
PSTAT+782	proteomics_stat	169587	169640	+	3	3	R.VGMAGSNVALHVNNLFDR.E	22
PSTAT+783	proteomics_stat	172877	172951	+	2	8	R.WIFPTPYVTGGDGVKHRVHHAFFDDV.A	29
PSTAT+784	proteomics_stat	176613	176663	+	3	2	M.SDDVALPLEFTDAAANK.V	21
PSTAT+785	proteomics_stat	176802	176891	+	3	3	K.QGVGLVVDPMQLYLVGGSDVYTEGLEGSR.F	34
PSTAT+786	proteomics_stat	181025	181084	+	2	6	K.VMPSVVSINVEGSTTVNTPR.M	24
PSTAT+787	proteomics_stat	181211	181303	+	2	5	K.FMALGSGVIIDADKGYVVTNNHVVDNATVIK.V	35
PSTAT+788	proteomics_stat	181253	181303	+	2	7	K.GYVVTNNHVVDNATVIK.V	21
PSTAT+789	proteomics_stat	181361	181396	+	2	4	R.SDIALIQIQNPK.N	16
PSTAT+790	proteomics_stat	181439	181522	+	2	27	R.VGDYVAIGNPFLGETVTSGIVSALGR.S	32
PSTAT+791	proteomics_stat	181583	181705	+	2	2	R.GNSGGALVNLNDELIGINTAILAPDGGNIGFAIPSNMVK.N	45
PSTAT+792	proteomics_stat	181706	181744	+	2	11	K.NLTSQMVEYGQVK.R	17
PSTAT+793	proteomics_stat	181706	181747	+	2	2	K.NLTSQMVEYGQVKR.G	18
PSTAT+794	proteomics_stat	181745	181795	+	2	15	K.RGELGIMGTELNSELAK.A	21
PSTAT+795	proteomics_stat	181748	181795	+	2	4	R.GELGIMGTELNSELAK.A	20
PSTAT+796	proteomics_stat	181820	181864	+	2	8	R.GAFVSQVLPNSSAAK.A	19
PSTAT+797	proteomics_stat	181877	181936	+	2	8	K.AGDVITSLNGKPISSFAALR.A	24
PSTAT+798	proteomics_stat	181937	181969	+	2	3	R.AQVGTMPVGSK.L	15
PSTAT+799	proteomics_stat	182099	182134	+	2	7	K.GKDQGVVNNVK.T	16
PSTAT+800	proteomics_stat	182105	182134	+	2	7	K.DQGVVNNVK.T	14
PSTAT+801	proteomics_stat	182168	182209	+	2	8	K.KGDVIIGANQQAVK.N	18
PSTAT+802	proteomics_stat	182231	182275	+	2	5	K.VLDSKPSVLALNIQR.G	19
PSTAT+803	proteomics_stat	189985	190008	+	1	4	K.VHIINLEK.T	12
PSTAT+804	proteomics_stat	190009	190050	+	1	27	K.TVPMFNEALAELENK.I	18
PSTAT+805	proteomics_stat	190072	190092	+	1	2	K.ILFVGTK.R	11
PSTAT+806	proteomics_stat	190093	190158	+	1	3	K.RAASEAVKDAALS CDQFFVNHR.W	26
PSTAT+807	proteomics_stat	190096	190158	+	1	23	R.AASEAVKDAALS CDQFFVNHR.W	25
PSTAT+808	proteomics_stat	190117	190158	+	1	11	K.DAALS CDQFFVNHR.W	18
PSTAT+809	proteomics_stat	190159	190188	+	1	4	R.WLGGMLTNWK.T	14
PSTAT+810	proteomics_stat	190162	190188	+	1	2	W.LGGMLTNWK.T	13
PSTAT+811	proteomics_stat	190210	190257	+	1	6	K.RLKDLETQS QDGTDFDK.L	20
PSTAT+812	proteomics_stat	190213	190257	+	1	23	R.LKDLETQS QDGTDFDK.L	19
PSTAT+813	proteomics_stat	190213	190266	+	1	18	R.LKDLETQS QDGTDFDKLTK.K	22
PSTAT+814	proteomics_stat	190213	190269	+	1	9	R.LKDLETQS QDGTDFDKLTKK.E	23
PSTAT+815	proteomics_stat	190219	190269	+	1	4	K.DLETQS QDGTDFDKLTKK.E	21
PSTAT+816	proteomics_stat	190219	190266	+	1	4	K.DLETQS QDGTDFDKLTK.K	20
PSTAT+817	proteomics_stat	190219	190257	+	1	22	K.DLETQS QDGTDFDK.L	17
PSTAT+818	proteomics_stat	190285	190329	+	1	5	R.TRELEKLENSLGGIK.D	19

PSTAT+819	proteomics_stat	190291	190329	+	1	7	R.ELEKLENSLGGIK.D	17
PSTAT+820	proteomics_stat	190291	190395	+	1	5	R.ELEKLENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	39
PSTAT+821	proteomics_stat	190303	190395	+	1	23	K.LENSLGGIKDMGGLPDALFVIDADHEHIAIK.E	35
PSTAT+822	proteomics_stat	190303	190329	+	1	4	K.LENSLGGIK.D	13
PSTAT+823	proteomics_stat	190330	190395	+	1	30	K.DMGGLPDALFVIDADHEHIAIK.E	26
PSTAT+824	proteomics_stat	190396	190497	+	1	133	K.EANNLGIPVFAIVDTNSDPDGVDFVIPGNDDAIR.A	38
PSTAT+825	proteomics_stat	190396	190449	+	1	6	K.EANNLGIPVFAIVDTNSD.P	22
PSTAT+826	proteomics_stat	190417	190497	+	1	2	I.PVFAIVDTNSDPDGVDFVIPGNDDAIR.A	31
PSTAT+827	proteomics_stat	190426	190497	+	1	3	F.AIVDTNSDPDGVDFVIPGNDDAIR.A	28
PSTAT+828	proteomics_stat	190438	190497	+	1	2	D.TNSDPDGVDFVIPGNDDAIR.A	24
PSTAT+829	proteomics_stat	190450	190497	+	1	7	D.PDGVDFVIPGNDDAIR.A	20
PSTAT+830	proteomics_stat	190498	190539	+	1	9	R.AVTLYLGAVAATVR.E	18
PSTAT+831	proteomics_stat	190549	190596	+	1	5	R.SQDLASQAEESFVEAE.-	20
PSTAT+832	proteomics_stat	190860	190886	+	3	2	M.AEITASLVK.E	13
PSTAT+833	proteomics_stat	190896	190928	+	3	4	R.ERTGAGMMDCK.K	15
PSTAT+834	proteomics_stat	190902	190928	+	3	4	R.TGAGMMDCK.K	13
PSTAT+835	proteomics_stat	190902	190931	+	3	13	R.TGAGMMDCKK.A	14
PSTAT+836	proteomics_stat	190929	190985	+	3	5	K.KALTEANGDIELAIENMRK.S	23
PSTAT+837	proteomics_stat	190929	190982	+	3	81	K.KALTEANGDIELAIENMR.K	22
PSTAT+838	proteomics_stat	190932	190985	+	3	3	K.ALTEANGDIELAIENMRK.S	22
PSTAT+839	proteomics_stat	190932	190982	+	3	95	K.ALTEANGDIELAIENMR.K	21
PSTAT+840	proteomics_stat	191010	191045	+	3	32	K.KAGNVAADGVIK.T	16
PSTAT+841	proteomics_stat	191013	191045	+	3	6	K.AGNVAADGVIK.T	15
PSTAT+842	proteomics_stat	191052	191111	+	3	50	K.IDGNYGIILEVNCQTDVFAK.D	24
PSTAT+843	proteomics_stat	191112	191168	+	3	7	K.DAGFQAFADKVLDAAVAGK.I	23
PSTAT+844	proteomics_stat	191112	191141	+	3	17	K.DAGFQAFADK.V	14
PSTAT+845	proteomics_stat	191142	191168	+	3	7	K.VLDAAVAGK.I	13
PSTAT+846	proteomics_stat	191145	191168	+	3	4	V.LDAAVAGK.I	12
PSTAT+847	proteomics_stat	191169	191192	+	3	5	K.ITDVEVLK.A	12
PSTAT+848	proteomics_stat	191193	191213	+	3	2	K.AQFEER.V	11
PSTAT+849	proteomics_stat	191259	191309	+	3	24	R.VAALEGDVLGSYQHGAR.I	21
PSTAT+850	proteomics_stat	191262	191309	+	3	2	V.AALEGDVLGSYQHGAR.I	20
PSTAT+851	proteomics_stat	191265	191309	+	3	2	A.ALEGDVLGSYQHGAR.I	19
PSTAT+852	proteomics_stat	191271	191309	+	3	2	L.EGDVLGSYQHGAR.I	17
PSTAT+853	proteomics_stat	191310	191333	+	3	2	R.IGVLVAAK.G	12
PSTAT+854	proteomics_stat	191334	191357	+	3	6	K.GADEELVK.H	12
PSTAT+855	proteomics_stat	191358	191435	+	3	85	K.HIAMHVAASKPEFIKPEDVSAEVVEK.E	30
PSTAT+856	proteomics_stat	191436	191483	+	3	27	K.EYQQLDIAMQSGKPK.E	20
PSTAT+857	proteomics_stat	191520	191576	+	3	18	K.KFTGEVSLTGQPFVMEPSK.T	23
PSTAT+858	proteomics_stat	191523	191576	+	3	62	K.FTGEVSLTGQPFVMEPSK.T	22
PSTAT+859	proteomics_stat	191598	191630	+	3	33	K.EHNAEVTGFIR.F	15
PSTAT+860	proteomics_stat	191631	191699	+	3	135	R.FEVGEGIEKVETDFAAEVAAMSK.Q	27
PSTAT+861	proteomics_stat	191658	191699	+	3	9	K.VETDFAAEVAAMSK.Q	18
PSTAT+862	proteomics_stat	191858	191884	+	2	6	M.ATNAKPVYK.R	13
PSTAT+863	proteomics_stat	191900	191962	+	2	59	K.LSGEALQGTEGFGIDASILDR.M	25
PSTAT+864	proteomics_stat	192074	192130	+	2	7	R.VVGDHMGMLATVMNGLAMR.D	23

PSTAT+865	proteomics_stat	192164	192235	+	2	8	R.LMSAIPLNGVCDSSYSWAEAISLLR.N	28
PSTAT+866	proteomics_stat	192245	192310	+	2	6	R.VVILSAGTGNPFFTTDSAACLR.G	26
PSTAT+867	proteomics_stat	192353	192439	+	2	21	K.VDGVFTADPAKDPTATMYEQLTYSEVLEK.E	33
PSTAT+868	proteomics_stat	192449	192481	+	2	2	K.VMDLAAFTLAR.D	15
PSTAT+869	proteomics_stat	192503	192535	+	2	7	R.VFMNKP GALR.R	15
PSTAT+870	proteomics_stat	192869	192934	+	2	5	R.NVISDIRKDAEVRMDKCVEAFK.T	26
PSTAT+871	proteomics_stat	192965	193027	+	2	33	R.ASPSLLDGIVVEYGTPTPLR.Q	25
PSTAT+872	proteomics_stat	193028	193060	+	2	3	R.QLASVTVEDSR.T	15
PSTAT+873	proteomics_stat	193112	193198	+	2	13	K.AIMASDLGLNPNSAGSDIRVPLPPLTEER.R	33
PSTAT+874	proteomics_stat	193112	193168	+	2	9	K.AIMASDLGLNPNSAGSDIR.V	23
PSTAT+875	proteomics_stat	193169	193198	+	2	2	R.VPLPPLTEER.R	14
PSTAT+876	proteomics_stat	193217	193246	+	2	8	K.IVRGEAEQAR.V	14
PSTAT+877	proteomics_stat	193292	193336	+	2	6	K.ALLKDKEISEDDDRR.S	19
PSTAT+878	proteomics_stat	193304	193336	+	2	6	K.DKEISEDDDRR.S	15
PSTAT+879	proteomics_stat	193304	193357	+	2	5	K.DKEISEDDDRRSQDDVQK.L	22
PSTAT+880	proteomics_stat	193379	193426	+	2	104	K.KIEAALADKEAELMQF.-	20
PSTAT+881	proteomics_stat	193379	193405	+	2	6	K.KIEAALADK.E	13
PSTAT+882	proteomics_stat	194109	194144	+	3	5	R.DLATMTPDQACR.H	16
PSTAT+883	proteomics_stat	194304	194351	+	3	2	R.YQDGSVLAQLGEPDMR.T	20
PSTAT+884	proteomics_stat	198009	198035	+	3	2	K.DIHFEGLQR.V	13
PSTAT+885	proteomics_stat	198036	198074	+	3	3	R.VAVGAALLSMPVR.T	17
PSTAT+886	proteomics_stat	198075	198119	+	3	6	R.TGDTVNEDEDISNTIR.A	19
PSTAT+887	proteomics_stat	198120	198155	+	3	3	R.AL FATGNFEDVR.V	16
PSTAT+888	proteomics_stat	198156	198194	+	3	3	R.VLRDGD TLLVQVK.E	17
PSTAT+889	proteomics_stat	198165	198194	+	3	5	R.DGDTLLVQVK.E	14
PSTAT+890	proteomics_stat	198195	198236	+	3	14	K.ERPTIASITFSGNK.S	18
PSTAT+891	proteomics_stat	198309	198365	+	3	5	R.TTIADIEKGLEDFYYSVGK.Y	23
PSTAT+892	proteomics_stat	198582	198608	+	3	3	K.LAGDLETLR.S	13
PSTAT+893	proteomics_stat	198585	198608	+	3	2	L.AGDLETLR.S	12
PSTAT+894	proteomics_stat	198639	198683	+	3	6	R.FNIDSTQVSLTPDKK.G	19
PSTAT+895	proteomics_stat	198729	198794	+	3	6	K.LSGVEVSGNLAGHSAEIEQLTK.I	26
PSTAT+896	proteomics_stat	198891	198935	+	3	4	R.VQSMPEINDADKTVK.L	19
PSTAT+897	proteomics_stat	198891	198926	+	3	4	R.VQSMPEINDADK.T	16
PSTAT+898	proteomics_stat	198981	199025	+	3	5	K.IRFEGNDTSKDAVLR.R	19
PSTAT+899	proteomics_stat	198987	199025	+	3	2	R.FEGNDTSKDAVLR.R	17
PSTAT+900	proteomics_stat	199038	199085	+	3	3	R.QMEGAWLGSDLVDQGK.E	20
PSTAT+901	proteomics_stat	199101	199178	+	3	5	R.LGFFETVDTDTQRVPGSPDQVDVVYK.V	30
PSTAT+902	proteomics_stat	199140	199178	+	3	3	R.VPGSPDQVDVVYK.V	17
PSTAT+903	proteomics_stat	199314	199391	+	3	2	K.NDYQTYAELSVTNPYFTVDGVSLGGR.L	30
PSTAT+904	proteomics_stat	199392	199448	+	3	2	R.LFYNDFQADDADLSDYTNK.S	23
PSTAT+905	proteomics_stat	199449	199505	+	3	5	K.SYGTDVTLGFPINEYNSLR.A	23
PSTAT+906	proteomics_stat	199506	199568	+	3	13	R.AGLGYVHNSLSNMQPQVAMWR.Y	25
PSTAT+907	proteomics_stat	199506	199553	+	3	2	R.AGLGYVHNSLSNMQPQ.V	20
PSTAT+908	proteomics_stat	199758	199805	+	3	2	K.VTLDTATYVIPIDDDHK.W	20
PSTAT+909	proteomics_stat	199860	199910	+	3	2	K.EMPFYENFYAGGSSTVR.G	21
PSTAT+910	proteomics_stat	199941	200018	+	3	2	K.AVYFPHQASNYDPDYECATQDGAK.D	30

PSTAT+911	proteomics_stat	200304	200351	+	3	8	K.KYDGDKAEQFQFNIGK.T	20
PSTAT+912	proteomics_stat	200307	200351	+	3	2	K.YDGDKAEQFQFNIGK.T	19
PSTAT+913	proteomics_stat	200542	200598	+	1	31	A.ADKIAIVNMGSLFQQVAQK.T	23
PSTAT+914	proteomics_stat	200548	200598	+	1	3	D.KIAIVNMGSLFQQVAQK.T	21
PSTAT+915	proteomics_stat	200551	200598	+	1	43	K.IAIVNMGSLFQQVAQK.T	20
PSTAT+916	proteomics_stat	200599	200640	+	1	4	K.TGVSNTLENEFKGR.A	18
PSTAT+917	proteomics_stat	200599	200634	+	1	9	K.TGVSNTLENEFK.G	16
PSTAT+918	proteomics_stat	200659	200682	+	1	10	R.METDLQAK.M	12
PSTAT+919	proteomics_stat	200728	200754	+	1	8	K.LEKDVMAQR.Q	13
PSTAT+920	proteomics_stat	200770	200796	+	1	4	Q.KAQAFEQDR.A	13
PSTAT+921	proteomics_stat	200821	200931	+	1	5	R.GKLVTRIQTAVKSVANSQDIDLVV DANAVAYNSSDVK.D	41
PSTAT+922	proteomics_stat	200857	200931	+	1	20	K.SVANSQDIDLVV DANAVAYNSSDVK.D	29
PSTAT+923	proteomics_stat	200857	200955	+	1	88	K.SVANSQDIDLVV DANAVAYNSSDVKDITADV.LK.Q	37
PSTAT+924	proteomics_stat	200932	200955	+	1	3	K.DITADV.LK.Q	12
PSTAT+925	proteomics_stat	201202	201225	+	1	2	K.NPYLTYAR.M	12
PSTAT+926	proteomics_stat	201226	201303	+	1	5	R.MAQILDTPPAQNIAPSAVIDATAK.L	30
PSTAT+927	proteomics_stat	201229	201303	+	1	4	M.AQILDTPPAQNIAPSAVIDATAK.L	29
PSTAT+928	proteomics_stat	201304	201402	+	1	4	K.LGNNVSIKANAVIESGVELGDNV IIGAGCFVGK.N	37
PSTAT+929	proteomics_stat	201817	201903	+	1	3	K.VTVTGMGMVMPITEPGVYSSGIPLQPNK.V	33
PSTAT+930	proteomics_stat	202104	202160	+	3	27	L.TTNTHTLQIEEILELLPHR.F	23
PSTAT+931	proteomics_stat	202161	202184	+	3	3	R.FPFLVDR.V	12
PSTAT+932	proteomics_stat	202341	202400	+	3	2	K.SVGKLEPGELYFAGIDEAR.F	24
PSTAT+933	proteomics_stat	202353	202400	+	3	12	K.LEPGELYFAGIDEAR.F	20
PSTAT+934	proteomics_stat	202407	202457	+	3	13	K.RPVVPGDQMIMEVTFEK.T	21
PSTAT+935	proteomics_stat	202407	202481	+	3	7	K.RPVVPGDQMIMEVTFEKTRRGLTRF.K	29
PSTAT+936	proteomics_stat	202479	202508	+	3	7	R.FKGVALVDGK.V	14
PSTAT+937	proteomics_stat	202485	202508	+	3	4	K.GVALVDGK.V	12
PSTAT+938	proteomics_stat	202725	202787	+	3	2	K.IGRDNEIYQFASIGEVDLQDLK.Y	25
PSTAT+939	proteomics_stat	202734	202787	+	3	4	R.DNEIYQFASIGEVDLQDLK.Y	22
PSTAT+940	proteomics_stat	202890	202955	+	3	3	K.VGSDNLLMINAHIAHDCTVGNR.C	26
PSTAT+941	proteomics_stat	202926	202955	+	3	5	H.IAHDCTVGNR.C	14
PSTAT+942	proteomics_stat	203241	203300	+	3	6	K.TLDEVKPEIAELAETPEVK.A	24
PSTAT+943	proteomics_stat	203301	203324	+	3	2	K.AFTDFFAR.S	12
PSTAT+944	proteomics_stat	204134	204205	+	2	2	R.EAMVASDAALLASGTAALCMLAK.C	28
PSTAT+945	proteomics_stat	204425	204445	+	2	2	R.ELHQQIR.C	11
PSTAT+946	proteomics_stat	208195	208257	+	1	2	S.GRLEVMLFTDALDKYQQLLEK.D	25
PSTAT+947	proteomics_stat	208624	208674	+	1	7	M.SLNFLDFEQPIAELEAK.I	21
PSTAT+948	proteomics_stat	208675	208701	+	1	2	K.IDSLTAVSR.Q	13
PSTAT+949	proteomics_stat	208678	208701	+	1	2	I.DSLTAVSR.Q	12
PSTAT+950	proteomics_stat	208777	208824	+	1	7	R.KIFADLGAWQIAQLAR.H	20
PSTAT+951	proteomics_stat	208780	208824	+	1	10	K.IFADLGAWQIAQLAR.H	19
PSTAT+952	proteomics_stat	208861	208899	+	1	2	R.LAFDEFDELADR.A	17
PSTAT+953	proteomics_stat	208900	208941	+	1	4	R.AYADDKAIVGGIAR.L	18
PSTAT+954	proteomics_stat	209011	209046	+	1	4	R.NFGMPAPEGYRK.A	16
PSTAT+955	proteomics_stat	209077	209145	+	1	8	R.FKMPIITFIDTPGAYPGVGAEER.G	27
PSTAT+956	proteomics_stat	209338	209391	+	1	6	K.SADKAPLAAEAMGIIAPR.L	22

PSTAT+957	proteomics_stat	209407	209451	+	1	5	K.LIDSIIPEPLGGAHR.N	19
PSTAT+958	proteomics_stat	209407	209481	+	1	6	K.LIDSIIPEPLGGAHRNPEAMAASLK.A	29
PSTAT+959	proteomics_stat	209452	209481	+	1	2	R.NPEAMAASLK.A	14
PSTAT+960	proteomics_stat	209482	209538	+	1	19	K.AQLLADLADLDVLSTEDLK.N	23
PSTAT+961	proteomics_stat	210159	210209	+	3	6	K.SPVGCLFYDFFGGNTLK.A	21
PSTAT+962	proteomics_stat	210636	210716	+	3	2	K.QLTDVPSIHFDASAWVPYTHFHPIYQGK.S	31
PSTAT+963	proteomics_stat	210750	210779	+	3	2	K.VIFETQSTHK.M	14
PSTAT+964	proteomics_stat	211608	211679	+	3	2	R.VSANMILPYPPGVPLLMPEGMLTK.E	28
PSTAT+965	proteomics_stat	211778	211846	+	2	4	R.RRRLPRTSPKNGGITCQSGFRAS.N	27
PSTAT+966	proteomics_stat	212108	212173	+	2	6	R.HLAFSVDDIDAAVAHLESHNVK.C	26
PSTAT+967	proteomics_stat	213111	213146	+	3	2	R.WLAGQNAPMPSR.D	16
PSTAT+968	proteomics_stat	213714	213800	+	3	4	R.VAKAGNFIQTQLAGFASGLDDQVLHIFAG.D	33
PSTAT+969	proteomics_stat	215506	215547	+	1	2	R.EEPSSFASYGTWAR.T	18
PSTAT+970	proteomics_stat	215548	215589	+	1	5	R.TADKLVLTDSDKGEK.S	18
PSTAT+971	proteomics_stat	215548	215580	+	1	2	R.TADKLVLTDSDK.G	15
PSTAT+972	proteomics_stat	220006	220059	+	1	4	P.QCMIKTSILNQELVKMTR.R	22
PSTAT+973	proteomics_stat	222869	222952	+	2	5	R.DGTINVDHGYVHEIDNFEFIDGVIDAMR.E	32
PSTAT+974	proteomics_stat	223079	223144	+	2	3	R.DVDLDGIYCPHHPQGSVEEFR.Q	26
PSTAT+975	proteomics_stat	223301	223384	+	2	4	R.TGKPITPEAENAADWVLNSLADLPQAIK.K	32
PSTAT+976	proteomics_stat	223301	223387	+	2	5	R.TGKPITPEAENAADWVLNSLADLPQAIKK.Q	33
PSTAT+977	proteomics_stat	229203	229259	+	3	5	R.LKDDVVISSVITALELGYR.A	23
PSTAT+978	proteomics_stat	229260	229334	+	3	2	R.AIDTAQIYDNEAAVQQAIAESGVPR.H	29
PSTAT+979	proteomics_stat	229539	229580	+	3	3	R.EIGISNFTIPLMEK.A	18
PSTAT+980	proteomics_stat	229722	229748	+	3	6	K.ALKDEVIAR.I	13
PSTAT+981	proteomics_stat	229866	229901	+	3	7	K.AQNLQLDAEDKK.A	16
PSTAT+982	proteomics_stat	240427	240459	+	1	2	A.QDDLTISLAK.G	15
PSTAT+983	proteomics_stat	240475	240507	+	1	7	K.AAFNQMVQGHK.L	15
PSTAT+984	proteomics_stat	240508	240528	+	1	2	K.LPAWVMK.G	11
PSTAT+985	proteomics_stat	240529	240624	+	1	2	K.GGTYTPAQTVTLGDETYQVMSACKPHDCGSQR.I	36
PSTAT+986	proteomics_stat	240625	240648	+	1	2	R.IAVMWSEK.S	12
PSTAT+987	proteomics_stat	240649	240690	+	1	4	K.SNQMTGLFSTIDEK.T	18
PSTAT+988	proteomics_stat	240706	240750	+	1	5	K.LTWLNVNDALSIDGK.T	19
PSTAT+989	proteomics_stat	240751	240813	+	1	23	K.TVLFALTGSLENHPDGFNFK.-	25
PSTAT+990	proteomics_stat	243564	243638	+	3	35	R.NELNEAAETLANFLKDDANIHAIQR.A	29
PSTAT+991	proteomics_stat	243564	243608	+	3	6	R.NELNEAAETLANFLK.D	19
PSTAT+992	proteomics_stat	243609	243638	+	3	2	K.DDANIHAIQR.A	14
PSTAT+993	proteomics_stat	243639	243668	+	3	4	R.AAVLLADSFK.A	14
PSTAT+994	proteomics_stat	243684	243749	+	3	3	V.LSCGNGGSHCDAMHFAEELTGR.Y	26
PSTAT+995	proteomics_stat	243750	243851	+	3	6	R.YRENRPGYPAIAISDVSHISCVGNDFGFNDIFSR.Y	38
PSTAT+996	proteomics_stat	243756	243851	+	3	2	R.ENRPGYPAIAISDVSHISCVGNDFGFNDIFSR.Y	36
PSTAT+997	proteomics_stat	243873	243929	+	3	15	R.EGDVLLGISTSGNSANVIK.A	23
PSTAT+998	proteomics_stat	244468	244512	+	1	4	R.TFKDPQPSFNSPIAK.L	19
PSTAT+999	proteomics_stat	244576	244614	+	1	2	R.GEVALENTHPFTR.E	17
PSTAT+1000	proteomics_stat	244630	244671	+	1	3	R.NWTYAHNGQLTGYK.S	18
PSTAT+1001	proteomics_stat	255989	256027	+	2	3	K.YIVTWDMLQIHAR.K	17
PSTAT+1002	proteomics_stat	256088	256120	+	2	2	R.GGLVPGALLAR.E	15

PSTAT+1003	proteomics_stat	256136	256183	+	2	11	R.HVDTVCISSYDHDNR.E	20
PSTAT+1004	proteomics_stat	256202	256279	+	2	7	K.RAEGDGEFVIDDLVDTGGTAVAIR.E	30
PSTAT+1005	proteomics_stat	256205	256279	+	2	7	R.AEGDGEFVIDDLVDTGGTAVAIR.E	29
PSTAT+1006	proteomics_stat	256295	256321	+	2	2	K.AHFVTIFAK.P	13
PSTAT+1007	proteomics_stat	256530	256568	+	3	2	M.TQANLSETLFKPR.F	17
PSTAT+1008	proteomics_stat	256602	256652	+	3	3	R.RFNHGAQPPVQSALDGK.T	21
PSTAT+1009	proteomics_stat	256605	256652	+	3	4	R.FNHGAQPPVQSALDGK.T	20
PSTAT+1010	proteomics_stat	256860	256895	+	3	2	K.ACAEDDPQLSGR.H	16
PSTAT+1011	proteomics_stat	257247	257288	+	3	3	K.LTQDSSLLHQHVLK.A	18
PSTAT+1012	proteomics_stat	257499	257534	+	3	3	R.LGMHDASDEALR.V	16
PSTAT+1013	proteomics_stat	257652	257681	+	3	2	R.LITSSSADGK.L	14
PSTAT+1014	proteomics_stat	257874	257900	+	3	2	K.FTALGPYIR.E	13
PSTAT+1015	proteomics_stat	258078	258113	+	3	3	K.SVPVKDTEVVER.L	16
PSTAT+1016	proteomics_stat	258147	258179	+	3	4	K.LRELLTTLNLK.L	15
PSTAT+1017	proteomics_stat	258153	258179	+	3	2	R.ELLTTLNLK.L	13
PSTAT+1018	proteomics_stat	258180	258227	+	3	2	K.LEPADDFRDEPVKLT.-	20
PSTAT+1019	proteomics_stat	259642	259674	+	1	2	K.LGTSVLTTGGS.R	15
PSTAT+1020	proteomics_stat	259687	259710	+	1	2	R.AHIVELVR.Q	12
PSTAT+1021	proteomics_stat	259783	259827	+	1	5	R.EHLGYPELPTIASK.Q	19
PSTAT+1022	proteomics_stat	259978	260046	+	1	3	R.ALLDNNIVPVINENDAVATAEIK.V	27
PSTAT+1023	proteomics_stat	260047	260103	+	1	4	K.VGDNDNLSALAAILAGADK.L	23
PSTAT+1024	proteomics_stat	260047	260127	+	1	7	K.VGDNDNLSALAAILAGADKLLLLTDQK.G	31
PSTAT+1025	proteomics_stat	260104	260127	+	1	3	K.LLLLTQK.G	12
PSTAT+1026	proteomics_stat	260152	260208	+	1	4	R.SNPQAELIKDVGIDDALR.A	23
PSTAT+1027	proteomics_stat	260209	260262	+	1	5	R.AIAGDSVSGLTGGMSTK.L	22
PSTAT+1028	proteomics_stat	260413	260484	+	1	3	R.WIFGAPPAGEITVDEGATAAILER.G	28
PSTAT+1029	proteomics_stat	260727	260756	+	3	2	L.MLEQMGIAAK.Q	14
PSTAT+1030	proteomics_stat	260970	261038	+	3	3	R.QVCNLADPVGQVIDGGVLDSGLR.L	27
PSTAT+1031	proteomics_stat	261051	261092	+	3	3	R.RVPLGVIGVIYEAR.P	18
PSTAT+1032	proteomics_stat	261132	261155	+	3	3	K.TGNAVILR.G	12
PSTAT+1033	proteomics_stat	261177	261218	+	3	2	R.TNAATVAVIQDALK.S	18
PSTAT+1034	proteomics_stat	261219	261269	+	3	3	K.SCGLPAGAVQAIDNPDR.A	21
PSTAT+1035	proteomics_stat	261294	261326	+	3	3	R.MDKYIDMLIPR.G	15
PSTAT+1036	proteomics_stat	261465	261515	+	3	10	K.TQRPSTCNTVETLLVKN.N	21
PSTAT+1037	proteomics_stat	261552	261626	+	3	2	K.QMAESGVTLHADAAALQAGPAK.V	29
PSTAT+1038	proteomics_stat	261690	261728	+	3	5	K.IVSDLDDAIAHIR.E	17
PSTAT+1039	proteomics_stat	261729	261767	+	3	2	R.EHGTQHS DAILTR.D	17
PSTAT+1040	proteomics_stat	261789	261839	+	3	2	R.FVNEVDSSAVYVNASTR.F	21
PSTAT+1041	proteomics_stat	261909	261944	+	3	2	R.GPMGLEALTTYK.W	16
PSTAT+1042	proteomics_stat	279434	279517	+	2	13	S.GRIRTVLLYPGKAVGGDIETCCNAGNR.I	32
PSTAT+1043	proteomics_stat	285951	285998	+	3	3	R.AAQGEAVPDAATAASH.-	20
PSTAT+1044	proteomics_stat	287244	287294	+	3	2	-.PATTTAKTGATALWTRR.R	21
PSTAT+1045	proteomics_stat	302215	302247	+	1	3	D.MNIFEQTPPNR.R	15
PSTAT+1046	proteomics_stat	302341	302391	+	1	2	R.SPVDMFNAACGPESLIR.A	21
PSTAT+1047	proteomics_stat	302392	302418	+	1	5	R.AAGQIDCSR.N	13
PSTAT+1048	proteomics_stat	302782	302826	+	1	7	R.ITHEPDPEIPLGSNR.-	19

PSTAT+1049	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1050	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1051	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1052	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1053	proteomics_stat	314590	314646	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1054	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1055	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1056	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1057	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1058	proteomics_stat	315156	315203	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1059	proteomics_stat	332594	332647	+	2	2	K.GVHFLQGYLYSPPVPGNK.F	22
PSTAT+1060	proteomics_stat	340637	340681	+	2	3	K.LHPDATLPHYDAGGK.L	19
PSTAT+1061	proteomics_stat	340751	340795	+	2	2	R.SLNRPAQTIIQDMIK.L	19
PSTAT+1062	proteomics_stat	340895	340930	+	2	2	R.SHCNIEPVSGLK.N	16
PSTAT+1063	proteomics_stat	340964	341026	+	2	2	R.RQAGFECEIVAFPHGLLSK.S	25
PSTAT+1064	proteomics_stat	341258	341326	+	2	2	K.LTISHAFALATLNEQQVDELNR.M	27
PSTAT+1065	proteomics_stat	342174	342200	+	3	5	R.REPGPNDVK.I	13
PSTAT+1066	proteomics_stat	342252	342308	+	3	5	R.SEWAGTVYPCVPGHEIVGR.V	23
PSTAT+1067	proteomics_stat	342309	342338	+	3	4	R.VVAVGDQVEK.Y	14
PSTAT+1068	proteomics_stat	342534	342611	+	3	3	R.IRHPQEQLAAVAPLLCAGITTYSPLR.H	30
PSTAT+1069	proteomics_stat	342540	342611	+	3	2	R.HPQEQLAAVAPLLCAGITTYSPLR.H	28
PSTAT+1070	proteomics_stat	342636	342683	+	3	4	K.KVGVVIGIGGLGHMGIK.L	20
PSTAT+1071	proteomics_stat	342639	342683	+	3	7	K.VGVVIGIGGLGHMGIK.L	19
PSTAT+1072	proteomics_stat	342684	342740	+	3	4	K.LAHAMGAHVVAFTTSEAKR.E	23
PSTAT+1073	proteomics_stat	342753	342785	+	3	3	K.ALGADEVVNSR.N	15
PSTAT+1074	proteomics_stat	342786	342815	+	3	7	R.NADEMAAHLK.S	14
PSTAT+1075	proteomics_stat	342816	342887	+	3	6	K.SDFILNTVAAPHNLDDFTLLK.R	28
PSTAT+1076	proteomics_stat	342816	342884	+	3	9	K.SDFILNTVAAPHNLDDFTLLK.R	27
PSTAT+1077	proteomics_stat	342888	342962	+	3	2	R.DGTMTLVGAPATPHKSPEVFNLMK.R	29
PSTAT+1078	proteomics_stat	342888	342932	+	3	3	R.DGTMTLVGAPATPHK.S	19
PSTAT+1079	proteomics_stat	343068	343097	+	3	4	R.ADQINEAYER.M	14
PSTAT+1080	proteomics_stat	345789	345824	+	3	16	K.AEFEKVESQYEK.I	16
PSTAT+1081	proteomics_stat	345822	345887	+	3	6	E.KIGDISTSNEMSTADAKEDLIK.K	26
PSTAT+1082	proteomics_stat	345825	345890	+	3	5	K.IGDISTSNEMSTADAKEDLIKK.A	26
PSTAT+1083	proteomics_stat	345825	345887	+	3	4	K.IGDISTSNEMSTADAKEDLIK.K	25
PSTAT+1084	proteomics_stat	345825	345872	+	3	11	K.IGDISTSNEMSTADAK.E	20
PSTAT+1085	proteomics_stat	345903	345974	+	3	146	K.GADVVLVTSGQTDNKIHGTANIYK.K	28
PSTAT+1086	proteomics_stat	345903	345947	+	3	16	K.GADVVLVTSGQTDNK.I	19
PSTAT+1087	proteomics_stat	345918	345947	+	3	2	L.VLTSGQTDNK.I	14
PSTAT+1088	proteomics_stat	345948	345974	+	3	4	K.IHGTANIYK.K	13
PSTAT+1089	proteomics_stat	345951	345974	+	3	2	I.HGTANIYK.K	12
PSTAT+1090	proteomics_stat	348224	348268	+	2	2	K.AGAAGLHIEDQVGAK.R	19
PSTAT+1091	proteomics_stat	348497	348583	+	2	2	R.QFADAVQVPILANITEFGATPLFTTDEL.R.S	33
PSTAT+1092	proteomics_stat	349827	349937	+	3	2	Y.AEHEFNASTFTSRVIAGTGSDMYSAIIGAIGALRGPK.H	41
PSTAT+1093	proteomics_stat	349866	349928	+	3	2	R.VIAGTGSDMYSAIIGAIGALR.G	25
PSTAT+1094	proteomics_stat	355398	355433	+	3	3	V.SNNALQTIINAR.L	16

PSTAT+1095	proteomics_stat	355434	355481	+	3	7	R.LPGEEGLWQIHLQDGK.I	20
PSTAT+1096	proteomics_stat	355482	355580	+	3	4	K.ISAIDAQSGVMPITENSLDAEQGLVIPPVFEPH.I	37
PSTAT+1097	proteomics_stat	355674	355700	+	3	5	K.ALLTHDDVK.Q	13
PSTAT+1098	proteomics_stat	355725	355757	+	3	6	K.WQIANGIQHVR.T	15
PSTAT+1099	proteomics_stat	355758	355799	+	3	13	R.THVDVSDATLTALK.A	18
PSTAT+1100	proteomics_stat	355920	355967	+	3	8	R.LGADVVGAIPIHFETR.E	20
PSTAT+1101	proteomics_stat	356025	356069	+	3	4	R.LIDVHCDEIDDEQSR.F	19
PSTAT+1102	proteomics_stat	356070	356120	+	3	9	R.FVETVAALAHHEGMGAR.V	21
PSTAT+1103	proteomics_stat	356121	356177	+	3	4	R.VTASHTTAMHSYNGAYTSR.L	23
PSTAT+1104	proteomics_stat	356196	356252	+	3	8	K.MSGINFVANPLVNIHLQGR.F	23
PSTAT+1105	proteomics_stat	356475	356567	+	3	5	R.TLNLQDYGIAAGNSANLIILPAENGFALRR.Q	35
PSTAT+1106	proteomics_stat	356475	356564	+	3	5	R.TLNLQDYGIAAGNSANLIILPAENGFALR.R	34
PSTAT+1107	proteomics_stat	356604	356675	+	3	7	K.VIASTQPAQTTVYLEQPEAIDYK.-	28
PSTAT+1108	proteomics_stat	356604	356672	+	3	7	K.VIASTQPAQTTVYLEQPEAIDYK.R	27
PSTAT+1109	proteomics_stat	376152	376178	+	3	2	R.DKQLSEQQK.Q	13
PSTAT+1110	proteomics_stat	376299	376343	+	3	3	K.IFVDKLTQAQLINGR.L	19
PSTAT+1111	proteomics_stat	376314	376343	+	3	3	K.LTQAQLINGR.L	14
PSTAT+1112	proteomics_stat	386909	386992	+	2	2	A.TDVVLAGIAVIAIIAFLLELGLRALQRR.L	32
PSTAT+1113	proteomics_stat	397894	397935	+	1	2	R.YDSKEPGKTELATR.K	18
PSTAT+1114	proteomics_stat	400610	400642	+	2	6	D.MKNLIAELLFK.L	15
PSTAT+1115	proteomics_stat	400751	400831	+	2	3	R.LIDQVEGALYEVKPDASIPDDDTELLR.D	31
PSTAT+1116	proteomics_stat	402601	402654	+	1	4	R.MTSCNQQATAQALKGDAR.K	22
PSTAT+1117	proteomics_stat	402601	402642	+	1	4	R.MTSCNQQATAQALK.G	18
PSTAT+1118	proteomics_stat	402739	402774	+	1	2	R.ECNNQATQQSLK.G	16
PSTAT+1119	proteomics_stat	405060	405101	+	3	2	R.MQMPLVLVANQSLR.V	18
PSTAT+1120	proteomics_stat	405192	405266	+	3	25	G.DLVITADIPLAAEAIEKGAALNPR.G	29
PSTAT+1121	proteomics_stat	406061	406123	+	2	2	R.EVAHIIIDATNEPSQVISEIR.S	25
PSTAT+1122	proteomics_stat	406257	406295	+	3	6	K.GKPGQTVTWYQLR.A	17
PSTAT+1123	proteomics_stat	406296	406364	+	3	5	R.ADHPKPDLSIEHPTAQEAMDAK.K	27
PSTAT+1124	proteomics_stat	409467	409538	+	3	2	R.DDYRQTIETIATLVDMAEQATGQR.G	28
PSTAT+1125	proteomics_stat	409797	409874	+	3	3	R.AHIGGNGTAGEWGHNPLPWMDDEL.R.Y	30
PSTAT+1126	proteomics_stat	410070	410144	+	3	3	K.SLAHVVNILDPDVIVLGGMSNVDR.L	29
PSTAT+1127	proteomics_stat	416801	416848	+	2	2	R.VMAGEEPEMGPTEFK.L	20
PSTAT+1128	proteomics_stat	418070	418138	+	2	3	R.SAISNLVYNAVNHTEPGTHITVR.W	27
PSTAT+1129	proteomics_stat	424316	424420	+	2	3	R.LLSLDGPTGALTHGTFTDLLDKLNPGDLLVFNTR.V	39
PSTAT+1130	proteomics_stat	424601	424639	+	2	2	R.HGALFEVEFNDER.S	17
PSTAT+1131	proteomics_stat	425424	425477	+	3	3	R.GVVETPCFMPVGTGTVK.G	22
PSTAT+1132	proteomics_stat	425610	425666	+	3	2	K.GPILTDSSGGFQVFSLGDIR.K	23
PSTAT+1133	proteomics_stat	425670	425696	+	3	2	K.ITEQGVHFR.N	13
PSTAT+1134	proteomics_stat	425871	425897	+	3	2	R.ERFDSLGNK.N	13
PSTAT+1135	proteomics_stat	425898	425945	+	3	3	K.NALFGIIQGSVYEDLR.D	20
PSTAT+1136	proteomics_stat	425961	426023	+	3	31	K.GLVDIGFDGYAVGGLAVGEPK.A	25
PSTAT+1137	proteomics_stat	426039	426083	+	3	4	R.ILEHVCPQIPADKPR.Y	19
PSTAT+1138	proteomics_stat	426081	426131	+	3	2	P.RYLMGVGKPEDLVEGVR.R	21
PSTAT+1139	proteomics_stat	426084	426131	+	3	3	R.YLMGVGKPEDLVEGVR.R	20
PSTAT+1140	proteomics_stat	426180	426215	+	3	9	R.NGHLFVTDGVVK.I	16

PSTAT+1141	proteomics_stat	426399	426452	+	3	3	R.KAIEEGKLESFVTDYFYQR.Q	22
PSTAT+1142	proteomics_stat	426661	426723	+	1	10	K.KLMDSIAKGDEVLNGLVGR.V	25
PSTAT+1143	proteomics_stat	426661	426684	+	1	5	K.KLMDSIAK.G	12
PSTAT+1144	proteomics_stat	426664	426723	+	1	7	K.LMDSIAKGDEVLNGLVGR.V	24
PSTAT+1145	proteomics_stat	426685	426723	+	1	10	K.GDEVLNGLVGR.V	17
PSTAT+1146	proteomics_stat	426733	426792	+	1	2	K.VAENGYIAIALNDTTEVVIK.R	24
PSTAT+1147	proteomics_stat	426796	426822	+	1	6	R.DFVAAVLPK.G	13
PSTAT+1148	proteomics_stat	426994	427035	+	1	2	R.GVAASEQTLIQVQK.T	18
PSTAT+1149	proteomics_stat	427102	427128	+	1	3	R.FDSTDTQLR.A	13
PSTAT+1150	proteomics_stat	427204	427236	+	1	3	R.WLAAIHAEPK.L	15
PSTAT+1151	proteomics_stat	427378	427413	+	1	4	R.KENNYGLSITFR.D	16
PSTAT+1152	proteomics_stat	427423	427455	+	1	4	K.ARDEAIAIYLSK.R	15
PSTAT+1153	proteomics_stat	427456	427503	+	1	4	K.RHPDLVISSQGSNQLR.A	20
PSTAT+1154	proteomics_stat	427459	427503	+	1	2	R.HPDLVISSQGSNQLR.A	19
PSTAT+1155	proteomics_stat	427576	427620	+	1	6	R.NRVNQLGVAEPVVQR.Q	19
PSTAT+1156	proteomics_stat	427717	427761	+	1	3	R.LVNTNVDQAAAASGR.V	19
PSTAT+1157	proteomics_stat	427945	427989	+	1	2	K.DNIGKPMATLFVEYK.D	19
PSTAT+1158	proteomics_stat	428092	428124	+	1	3	R.ITGINNPNEAR.Q	15
PSTAT+1159	proteomics_stat	428452	428478	+	1	4	R.IKEELSNRGR.T	13
PSTAT+1160	proteomics_stat	428732	428770	+	2	5	V.AQEYTVQNLHGR.K	17
PSTAT+1161	proteomics_stat	429020	429076	+	2	3	R.MPPAEGETGGQVLGSQVLK.V	23
PSTAT+1162	proteomics_stat	429077	429115	+	2	2	K.VINESTNQNAAVK.R	17
PSTAT+1163	proteomics_stat	429077	429118	+	2	3	K.VINESTNQNAAVK.I	18
PSTAT+1164	proteomics_stat	429419	429469	+	2	2	R.GTPYEIFNVSLTQLHR.T	21
PSTAT+1165	proteomics_stat	429638	429658	+	2	3	R.EHMLQK.V	11
PSTAT+1166	proteomics_stat	432454	432501	+	1	6	K.RPVSSDDVEMAINHIK.S	20
PSTAT+1167	proteomics_stat	432733	432777	+	1	4	R.FTTHPNPNVGCIVK.D	19
PSTAT+1168	proteomics_stat	432964	433008	+	1	3	R.VVASMQDPNPQVAGR.G	19
PSTAT+1169	proteomics_stat	433871	433912	+	2	2	K.MNIIEANVATPDAR.V	18
PSTAT+1170	proteomics_stat	433931	433987	+	2	9	A.RFNNFINDSLLEG AIDALK.R	23
PSTAT+1171	proteomics_stat	433934	433987	+	2	5	R.FNNFINDSLLEG AIDALK.R	22
PSTAT+1172	proteomics_stat	433934	433990	+	2	23	R.FNNFINDSLLEG AIDALKR.I	23
PSTAT+1173	proteomics_stat	433991	434077	+	2	39	R.IGQVKDENITVVWVPGAYELPLAAGALAK.T	33
PSTAT+1174	proteomics_stat	434006	434077	+	2	4	K.DENITVVWVPGAYELPLAAGALAK.T	28
PSTAT+1175	proteomics_stat	434078	434122	+	2	13	K.TGKYDAVIALGTVIR.G	19
PSTAT+1176	proteomics_stat	434123	434254	+	2	11	R.GGTAHFHEYVAGGASNGLAHVAQDSEIPVAFGVLTTESIEQAIER.A	48
PSTAT+1177	proteomics_stat	434123	434179	+	2	3	R.GGTAHFHEYVAGGASNGLAH.V	23
PSTAT+1178	proteomics_stat	434267	434326	+	2	7	K.AGNKGAEALTALEMIVLK.A	24
PSTAT+1179	proteomics_stat	434279	434326	+	2	32	K.GAEALTALEMIVLK.A	20
PSTAT+1180	proteomics_stat	434508	434576	+	3	3	R.ELLAGVATNTAYLDGLMKPYLSR.L	27
PSTAT+1181	proteomics_stat	434697	434747	+	3	3	K.SFGAEDSHK FVNGVLDK.A	21
PSTAT+1182	proteomics_stat	435296	435379	+	2	3	R.SGAKPGDWIYVTGTPGDSAAGLAILQNR.L	32
PSTAT+1183	proteomics_stat	435440	435535	+	2	2	S.PRILQQQALRDLANSAIDLSDGLISDLGHIVK.A	36
PSTAT+1184	proteomics_stat	435470	435535	+	2	6	R.DLANSAIDLSDGLISDLGHIVK.A	26
PSTAT+1185	proteomics_stat	435470	435526	+	2	3	R.DLANSAIDLSDGLISDLGH.I	23
PSTAT+1186	proteomics_stat	440878	440907	+	1	3	K.HYDETLAVVR.H	14

PSTAT+1187	proteomics_stat	440908	440931	+	1	4	R.HWDNIEVR.A	12
PSTAT+1188	proteomics_stat	440980	441051	+	1	11	R.IPGIHHILEVEDVPFTDMHDIFEK.A	28
PSTAT+1189	proteomics_stat	441151	441192	+	1	5	R.YVGGGLNQHIESAR.V	18
PSTAT+1190	proteomics_stat	441487	441534	+	1	3	R.FVAINFEPVVGIELEK.I	20
PSTAT+1191	proteomics_stat	441679	441759	+	1	11	R.LIDNVSDTLILRPLISYDKEHIINLAR.Q	31
PSTAT+1192	proteomics_stat	441844	441927	+	1	3	K.SKIEAEEEEKFDIFSILDKVVEEANNVDIR.E	32
PSTAT+1193	proteomics_stat	442015	442086	+	1	2	R.SIDEQEDKPLKVEGIDVVSLPFYK.L	28
PSTAT+1194	proteomics_stat	443910	443954	+	3	35	M.PSFDIVSEVDLQEAR.N	19
PSTAT+1195	proteomics_stat	444006	444044	+	3	5	R.NVEASFELNDASK.T	17
PSTAT+1196	proteomics_stat	444054	444104	+	3	61	K.VLSESDFQVNQLLDILR.A	21
PSTAT+1197	proteomics_stat	444060	444104	+	3	3	L.SESDFQVNQLLDILR.A	19
PSTAT+1198	proteomics_stat	444120	444176	+	3	13	K.RGIEGSSLDVPENIVHSGK.T	23
PSTAT+1199	proteomics_stat	444123	444176	+	3	10	R.GIEGSSLDVPENIVHSGK.T	22
PSTAT+1200	proteomics_stat	444177	444197	+	3	2	K.TWFVEAK.L	11
PSTAT+1201	proteomics_stat	444198	444233	+	3	5	K.LKQGIESATQKK.I	16
PSTAT+1202	proteomics_stat	444198	444230	+	3	24	K.LKQGIESATQK.K	15
PSTAT+1203	proteomics_stat	444261	444299	+	3	17	K.LKVQAQIQGDEIR.V	17
PSTAT+1204	proteomics_stat	444267	444299	+	3	5	K.VQAQIQGDEIR.V	15
PSTAT+1205	proteomics_stat	444312	444350	+	3	10	K.SRDDLQAVMAMVR.G	17
PSTAT+1206	proteomics_stat	444351	444383	+	3	4	R.GGDLGQPFQFK.N	15
PSTAT+1207	proteomics_stat	453732	453779	+	3	60	R.AAFQPVFLEVVDSEYR.H	20
PSTAT+1208	proteomics_stat	453780	453815	+	3	7	R.HNVPAGESHFK.V	16
PSTAT+1209	proteomics_stat	453870	453944	+	3	12	R.MIYSTLAEELSTTVHALALHTYTIK.E	29
PSTAT+1210	proteomics_stat	453945	453992	+	3	3	K.EWEGLQDTVASPPCR.G	20
PSTAT+1211	proteomics_stat	454357	454395	+	1	9	K.MQVSVETTQGLGR.R	17
PSTAT+1212	proteomics_stat	454396	454443	+	1	16	R.RVTITIAADSIETAVK.S	20
PSTAT+1213	proteomics_stat	454396	454467	+	1	2	R.RVTITIAADSIETAVKSELVNVAK.K	28
PSTAT+1214	proteomics_stat	454399	454443	+	1	13	R.VTITIAADSIETAVK.S	19
PSTAT+1215	proteomics_stat	454495	454527	+	1	7	K.GKVPMNIVAQR.Y	15
PSTAT+1216	proteomics_stat	454501	454527	+	1	5	K.VPMNIVAQR.Y	13
PSTAT+1217	proteomics_stat	454546	454575	+	1	3	R.QDVLGDLMSR.N	14
PSTAT+1218	proteomics_stat	454576	454599	+	1	4	R.NFIDAIK.E	12
PSTAT+1219	proteomics_stat	454600	454650	+	1	9	K.EKINPAGAPTYVPGEYK.L	21
PSTAT+1220	proteomics_stat	454606	454650	+	1	11	K.INPAGAPTYVPGEYK.L	19
PSTAT+1221	proteomics_stat	454819	454845	+	1	2	K.DGAVEAEDR.V	13
PSTAT+1222	proteomics_stat	454846	454899	+	1	10	R.VTIDFTGSVDGEEFEGGK.A	22
PSTAT+1223	proteomics_stat	454900	454935	+	1	6	K.ASDFVLAMGQGR.M	16
PSTAT+1224	proteomics_stat	454936	454974	+	1	7	R.MIPGFEDGIKGHK.A	17
PSTAT+1225	proteomics_stat	454939	454965	+	1	2	M.IPGFEDGIK.G	13
PSTAT+1226	proteomics_stat	454975	455037	+	1	46	K.AGEEFTIDVTFPEEYHAENLK.G	25
PSTAT+1227	proteomics_stat	455086	455118	+	1	3	R.ELPELTAEFIK.R	15
PSTAT+1228	proteomics_stat	455086	455121	+	1	6	R.ELPELTAEFIKR.F	16
PSTAT+1229	proteomics_stat	455122	455157	+	1	6	R.FGVEDGSVEGLR.A	16
PSTAT+1230	proteomics_stat	455212	455244	+	1	6	R.VKSQAIEGLVK.A	15
PSTAT+1231	proteomics_stat	455218	455244	+	1	3	K.SQAIEGLVK.A	13
PSTAT+1232	proteomics_stat	455245	455301	+	1	19	K.ANDIDVPAALIDSEIDVLR.R	23

PSTAT+1233	proteomics_stat	455359	455385	+	1	4	R.ELFEEQAKR.R	13
PSTAT+1234	proteomics_stat	455359	455382	+	1	5	R.ELFEEQAK.R	12
PSTAT+1235	proteomics_stat	455389	455424	+	1	49	R.VVVGLLLGEVIR.T	16
PSTAT+1236	proteomics_stat	455425	455454	+	1	15	R.TNELKADEER.V	14
PSTAT+1237	proteomics_stat	455455	455526	+	1	18	R.VKGLIEEMASAYEDPKEVIEFYK.N	28
PSTAT+1238	proteomics_stat	455461	455526	+	1	47	K.GLIEEMASAYEDPKEVIEFYK.N	26
PSTAT+1239	proteomics_stat	455527	455553	+	1	8	K.NKELMDNMR.N	13
PSTAT+1240	proteomics_stat	455554	455598	+	1	28	R.NVALEEQAVEAVLAK.A	19
PSTAT+1241	proteomics_stat	455599	455652	+	1	2	K.AKVTEKETFNELMNQQA.-	22
PSTAT+1242	proteomics_stat	455605	455652	+	1	5	K.VTEKETFNELMNQQA.-	20
PSTAT+1243	proteomics_stat	456267	456362	+	3	5	K.GKRFCLPNSRVMIHQPLGGYQGQATDIEIHAR.E	36
PSTAT+1244	proteomics_stat	456297	456362	+	3	34	R.VMIHQPLGGYQGQATDIEIHAR.E	26
PSTAT+1245	proteomics_stat	456387	456440	+	3	7	R.MNELMALHTGQSLEQIER.D	22
PSTAT+1246	proteomics_stat	456453	456521	+	3	2	R.DRFLSAPEAVEYGLVDSILTHR.N.-	27
PSTAT+1247	proteomics_stat	456459	456521	+	3	19	R.FLSAPEAVEYGLVDSILTHR.N.-	25
PSTAT+1248	proteomics_stat	456797	456826	+	2	6	R.EEIKEVAPHR.E	14
PSTAT+1249	proteomics_stat	456863	456907	+	2	6	R.NHLDDYVIGQEQA.KK.V	19
PSTAT+1250	proteomics_stat	456863	456904	+	2	5	R.NHLDDYVIGQEQA.K	18
PSTAT+1251	proteomics_stat	456905	456940	+	2	3	K.KVLAVAVYNHYK.R	16
PSTAT+1252	proteomics_stat	456908	456940	+	2	4	K.VLAVAVYNHYK.R	15
PSTAT+1253	proteomics_stat	456944	456985	+	2	3	R.LRNGDTSNGVELGK.S	18
PSTAT+1254	proteomics_stat	456950	456985	+	2	3	R.NGDTSNGVELGK.S	16
PSTAT+1255	proteomics_stat	456986	457024	+	2	2	K.SNILLIGPTGSGK.T	17
PSTAT+1256	proteomics_stat	457025	457051	+	2	3	K.TLLAETLAR.L	13
PSTAT+1257	proteomics_stat	457052	457141	+	2	34	R.LLDVPFTMADATTLTEAGYVGEDVENIIQK.L	34
PSTAT+1258	proteomics_stat	457154	457174	+	2	4	K.CDYDVQK.A	11
PSTAT+1259	proteomics_stat	457184	457222	+	2	4	R.GIVYIDEIDKISR.K	17
PSTAT+1260	proteomics_stat	457223	457249	+	2	10	R.KSDNPSITR.D	13
PSTAT+1261	proteomics_stat	457250	457288	+	2	6	R.DVSGEGVQQALLK.L	17
PSTAT+1262	proteomics_stat	457289	457333	+	2	3	K.LIEGTVAAVPPQGGR.K	19
PSTAT+1263	proteomics_stat	457334	457375	+	2	7	R.KHPQQEFLQVDTSK.I	18
PSTAT+1264	proteomics_stat	457433	457474	+	2	2	R.VETGSGIGFGATVK.A	18
PSTAT+1265	proteomics_stat	457481	457540	+	2	3	K.SDKASEGELLAQVEPEDLIK.F	24
PSTAT+1266	proteomics_stat	457490	457540	+	2	4	K.ASEGELLAQVEPEDLIK.F	21
PSTAT+1267	proteomics_stat	457541	457570	+	2	3	K.FGLIPEFIGR.L	14
PSTAT+1268	proteomics_stat	457571	457639	+	2	73	R.LPVVATLNELSEEALIQILKEPK.N	27
PSTAT+1269	proteomics_stat	457571	457630	+	2	26	R.LPVVATLNELSEEALIQILK.E	24
PSTAT+1270	proteomics_stat	457655	457729	+	2	3	K.QYQALFNLEGVDLEFRDEALDAIAK.K	29
PSTAT+1271	proteomics_stat	457703	457729	+	2	2	R.DEALDAIAK.K	13
PSTAT+1272	proteomics_stat	457769	457834	+	2	6	R.SIVEAALLDTMYDLPSMEDVEK.V	26
PSTAT+1273	proteomics_stat	457835	457921	+	2	2	K.VVIDESVIDGQSKPLLIYGKPEAQQASGE.-	33
PSTAT+1274	proteomics_stat	458136	458210	+	3	8	R.IEIPVLPRLRDVVVYPHMVIPLFVGR.E	29
PSTAT+1275	proteomics_stat	458163	458210	+	3	4	R.DVVVYPHMVIPLFVGR.E	20
PSTAT+1276	proteomics_stat	458226	458258	+	3	5	R.CLEAAMDHDKK.I	15
PSTAT+1277	proteomics_stat	458280	458357	+	3	17	K.EASTDEPGVNDLFTVGTVASILQMLK.L	30
PSTAT+1278	proteomics_stat	458280	458378	+	3	4	K.EASTDEPGVNDLFTVGTVASILQMLKLPDGTVK.V	37

PSTAT+1279	proteomics_stat	458409	458450	+	3	9	R.ISALSDNGEHFSAK.A	18
PSTAT+1280	proteomics_stat	458451	458486	+	3	4	K.AEYLESPTIDER.E	16
PSTAT+1281	proteomics_stat	458508	458540	+	3	2	R.TAISQFEGYIK.L	15
PSTAT+1282	proteomics_stat	458550	458603	+	3	7	K.KIPPEVLTSLSIDDPAR.L	22
PSTAT+1283	proteomics_stat	458553	458603	+	3	3	K.IPPEVLTSLSIDDPAR.L	21
PSTAT+1284	proteomics_stat	458604	458639	+	3	7	R.LADTIAAHMPLK.L	16
PSTAT+1285	proteomics_stat	458640	458687	+	3	2	K.LADKQSVLEMSDVNER.L	20
PSTAT+1286	proteomics_stat	458829	458876	+	3	5	K.ELGEMDDAPDENEALK.R	20
PSTAT+1287	proteomics_stat	458916	458942	+	3	3	K.EKAEAEELQK.L	13
PSTAT+1288	proteomics_stat	458949	458987	+	3	2	K.MMSPMSAEATVVR.G	17
PSTAT+1289	proteomics_stat	458988	459029	+	3	2	R.GYIDWMVQVPWNAR.S	18
PSTAT+1290	proteomics_stat	459054	459098	+	3	5	R.QAQEILDTDHYGLER.V	19
PSTAT+1291	proteomics_stat	459150	459197	+	3	9	K.IKGPIILCLVGGPGVGK.T	20
PSTAT+1292	proteomics_stat	459156	459197	+	3	2	K.GPILCLVGGPGVGK.T	18
PSTAT+1293	proteomics_stat	459198	459224	+	3	2	K.TSLGQSIK.A	13
PSTAT+1294	proteomics_stat	459258	459287	+	3	2	L.GGVRDEAEIR.G	14
PSTAT+1295	proteomics_stat	459339	459425	+	3	2	K.MAKVGVKNPLFLLDEIDKMSSDMRGPAS.A	33
PSTAT+1296	proteomics_stat	459348	459392	+	3	4	K.VGVKNPLFLLDEIDK.M	19
PSTAT+1297	proteomics_stat	459348	459410	+	3	4	K.VGVKNPLFLLDEIDKMSSDMR.G	25
PSTAT+1298	proteomics_stat	459360	459392	+	3	2	K.NPLFLLDEIDK.M	15
PSTAT+1299	proteomics_stat	459360	459410	+	3	7	K.NPLFLLDEIDKMSSDMR.G	21
PSTAT+1300	proteomics_stat	459579	459620	+	3	2	R.LSGYTEDEKLNIK.R	18
PSTAT+1301	proteomics_stat	459579	459623	+	3	3	R.LSGYTEDEKLNIK.R.H	19
PSTAT+1302	proteomics_stat	459663	459710	+	3	6	K.KGELTVDDSAIIGIIR.Y	20
PSTAT+1303	proteomics_stat	459810	459860	+	3	13	K.HIEINGDNLHDYLGVR.F	21
PSTAT+1304	proteomics_stat	459981	460049	+	3	29	K.LTYTGSLGEVMQESIQAALTVVR.A	27
PSTAT+1305	proteomics_stat	460065	460097	+	3	2	K.LGINPDFYEKR.D	15
PSTAT+1306	proteomics_stat	460098	460136	+	3	7	R.DIHVHVPEGATPK.D	17
PSTAT+1307	proteomics_stat	460242	460271	+	3	3	R.GQVLPVIGGLK.E	14
PSTAT+1308	proteomics_stat	460338	460394	+	3	3	R.DLEEIPDNVIADLDIHPVK.R	23
PSTAT+1309	proteomics_stat	460398	460463	+	3	5	R.IEEVLTALQNEPSGMQVVTAK.-	26
PSTAT+1310	proteomics_stat	460684	460728	+	1	5	K.SQLIDKIAAGADISK.A	19
PSTAT+1311	proteomics_stat	460699	460728	+	1	3	D.KIAAGADISK.A	14
PSTAT+1312	proteomics_stat	460702	460728	+	1	8	K.IAAGADISK.A	13
PSTAT+1313	proteomics_stat	460744	460833	+	1	747	R.ALDAIIASVTESLKEGDDVALVGFVGTFAVK.E	34
PSTAT+1314	proteomics_stat	460744	460785	+	1	9	R.ALDAIIASVTESLK.E	18
PSTAT+1315	proteomics_stat	460786	460833	+	1	5	K.EGDDVALVGFVGTFAVK.E	20
PSTAT+1316	proteomics_stat	460849	460899	+	1	4	R.TGRNPQTGKEITIAAAK.V	21
PSTAT+1317	proteomics_stat	460858	460899	+	1	4	R.NPQTGKEITIAAAK.V	18
PSTAT+1318	proteomics_stat	461271	461294	+	3	4	K.VNDQEISR.G	12
PSTAT+1319	proteomics_stat	461295	461327	+	3	4	R.GQFENAFNSER.N	15
PSTAT+1320	proteomics_stat	461334	461393	+	3	3	R.MQQQLGDQYSELAANEGYMK.T	24
PSTAT+1321	proteomics_stat	461421	461456	+	3	2	R.LIDEALLDQYAR.E	16
PSTAT+1322	proteomics_stat	461466	461492	+	3	3	K.LGISDEQVK.Q	13
PSTAT+1323	proteomics_stat	461550	461609	+	3	4	R.YNGILNQMGMTADQYAQALR.N	24
PSTAT+1324	proteomics_stat	461610	461711	+	3	4	R.NQLTTQQLINGVAGTDFMLKGETDELAALVAQQR.V	38

PSTAT+1325	proteomics_stat	461721	461756	+	3	2	R.EATIDVNALAAK.Q	16
PSTAT+1326	proteomics_stat	461757	461804	+	3	2	K.QPVTEQEIASYYEQNK.N	20
PSTAT+1327	proteomics_stat	461850	461942	+	3	2	K.LDAATMQQPVSADADIQSYDDQHQDQFTQPQR.T	35
PSTAT+1328	proteomics_stat	461949	461969	+	3	2	R.YSIIQTK.T	11
PSTAT+1329	proteomics_stat	461988	462038	+	3	7	K.AVLDELNKGDFAAALAK.E	21
PSTAT+1330	proteomics_stat	462045	462068	+	3	2	K.SADIISAR.N	12
PSTAT+1331	proteomics_stat	462069	462137	+	3	3	R.NGGDMGWLEDATIPDELKNAGLK.E	27
PSTAT+1332	proteomics_stat	462069	462122	+	3	3	R.NGGDMGWLEDATIPDELK.N	22
PSTAT+1333	proteomics_stat	462195	462218	+	3	5	R.LDDIQPAK.V	12
PSTAT+1334	proteomics_stat	462225	462260	+	3	4	K.SLDEVRRDDIAAK.V	16
PSTAT+1335	proteomics_stat	462276	462308	+	3	2	K.ALDAYYALQK.V	15
PSTAT+1336	proteomics_stat	462309	462374	+	3	13	K.VSDAASNDTESLAGAEQAAGVK.A	26
PSTAT+1337	proteomics_stat	462402	462524	+	3	4	K.DNLPEELNFKPVADAI FNGGLVGENGAPGINSDIITVDGDR.A	45
PSTAT+1338	proteomics_stat	462540	462599	+	3	2	R.ISEHKPEAVKPLADVQE QVK.A	24
PSTAT+1339	proteomics_stat	462681	462713	+	3	4	K.GAEAMQAAGLK.F	15
PSTAT+1340	proteomics_stat	462741	462794	+	3	10	R.SGRDPISQAAFALPLPAK.D	22
PSTAT+1341	proteomics_stat	462795	462866	+	3	5	K.DKPSYGMATDMQGNVLLALDEVK.Q	28
PSTAT+1342	proteomics_stat	462894	462965	+	3	4	K.KAMVQGITQNNAQIVFEALMSNLR.K	28
PSTAT+1343	proteomics_stat	462897	462965	+	3	6	K.AMVQGITQNNAQIVFEALMSNLR.K	27
PSTAT+1344	proteomics_stat	462897	462968	+	3	5	K.AMVQGITQNNAQIVFEALMSNLRK.E	28
PSTAT+1345	proteomics_stat	463809	463871	+	3	6	R.RPAVLSDLLTITSQLQLNGK.S	25
PSTAT+1346	proteomics_stat	470859	470912	+	3	4	D.RPLQSGTIEVDNVSFAYR.D	22
PSTAT+1347	proteomics_stat	474780	474851	+	3	15	K.VALPPDAVLTVTLSDASLADAPSK.V	28
PSTAT+1348	proteomics_stat	474888	474947	+	3	5	K.QSPFSFVLSFNPADVQPNAR.I	24
PSTAT+1349	proteomics_stat	474984	475037	+	3	8	K.LVFITDTVQPVINQGGTK.A	22
PSTAT+1350	proteomics_stat	486261	486308	+	3	3	R.VQNAMYNASQQLQQIR.S	20
PSTAT+1351	proteomics_stat	486468	486494	+	3	3	R.DYVTANSAR.L	13
PSTAT+1352	proteomics_stat	486495	486539	+	3	4	R.LEHQLQLLQEA VNSK.R	19
PSTAT+1353	proteomics_stat	486561	486599	+	3	2	K.TAQEAVSPDEAAR.I	17
PSTAT+1354	proteomics_stat	486660	486710	+	3	2	R.LITATENGNQLMQQNIK.V	21
PSTAT+1355	proteomics_stat	488853	488924	+	3	3	R.VMHEPMPEVFFTAFGASTLDHEL.R.L	28
PSTAT+1356	proteomics_stat	489000	489083	+	3	2	R.ENDINIAFNQLEVLHLHNEKGDEVTEVKR.D	32
PSTAT+1357	proteomics_stat	489084	489119	+	3	2	R.DYKGDDPTPAVG.-	16
PSTAT+1358	proteomics_stat	490639	490671	+	1	4	M.TATAQQLEYLK.N	15
PSTAT+1359	proteomics_stat	490684	490722	+	1	4	K.SIQDYPKPGILFR.D	17
PSTAT+1360	proteomics_stat	490723	490752	+	1	3	R.DVTSLLEDPK.A	14
PSTAT+1361	proteomics_stat	490723	490788	+	1	3	R.DVTSLLEDPKAYALSIDLLVER.Y	26
PSTAT+1362	proteomics_stat	490834	490893	+	1	13	R.GFLFGAPVALGLGVGFVPRV.R.K	24
PSTAT+1363	proteomics_stat	490834	490905	+	1	2	R.GFLFGAPVALGLGVGFVPRV.R.KPGK.L	28
PSTAT+1364	proteomics_stat	490999	491055	+	1	23	K.VLVVDDLLATGGTIEATVK.L	23
PSTAT+1365	proteomics_stat	491065	491133	+	1	2	R.RLGGEVADA AAFIINLFDLGGEQR.L	27
PSTAT+1366	proteomics_stat	491068	491133	+	1	32	R.LGGEVADA AAFIINLFDLGGEQR.L	26
PSTAT+1367	proteomics_stat	491143	491184	+	1	2	K.QGITSYSLVFPFGH.-	18
PSTAT+1368	proteomics_stat	493369	493428	+	1	15	K.MQEEIAQLEVTGESGAGLVK.V	24
PSTAT+1369	proteomics_stat	493459	493545	+	1	39	R.RVEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	33
PSTAT+1370	proteomics_stat	493462	493545	+	1	10	R.VEIDPSLLEDDKEMLEDLVAAAFNDAAR.R	32

PSTAT+1371	proteomics_stat	493573	493617	+	1	15	K.MASVSSGMQLPPGFK.M	19
PSTAT+1372	proteomics_stat	494386	494427	+	1	5	K.QLLHLMIHSLYSNK.E	18
PSTAT+1373	proteomics_stat	494443	494484	+	1	8	R.ELISNASDAADKLR.F	18
PSTAT+1374	proteomics_stat	494443	494478	+	1	5	R.ELISNASDAADK.L	16
PSTAT+1375	proteomics_stat	494491	494535	+	1	10	R.ALSNPDLYEGDGELR.V	19
PSTAT+1376	proteomics_stat	494542	494562	+	1	4	R.VSFDKDK.R	11
PSTAT+1377	proteomics_stat	494566	494640	+	1	4	R.TLTISDNGVGMTRDEVIDHLGTIAK.S	29
PSTAT+1378	proteomics_stat	494566	494604	+	1	3	R.TLTISDNGVGMTR.D	17
PSTAT+1379	proteomics_stat	494605	494640	+	1	5	R.DEVIDHLGTIAK.S	16
PSTAT+1380	proteomics_stat	494653	494688	+	1	3	K.SFLESLGSDQAK.D	16
PSTAT+1381	proteomics_stat	494770	494850	+	1	12	R.AAGEKPENGVFWESAGEGEYTVADITK.E	31
PSTAT+1382	proteomics_stat	494770	494859	+	1	2	R.AAGEKPENGVFWESAGEGEYTVADITKEDR.G	34
PSTAT+1383	proteomics_stat	494800	494850	+	1	9	V.FWESAGEGEYTVADITK.E	21
PSTAT+1384	proteomics_stat	494860	494886	+	1	5	R.GTEITLHLR.E	13
PSTAT+1385	proteomics_stat	494887	494919	+	1	6	R.EGEDEFLLDWR.V	15
PSTAT+1386	proteomics_stat	494941	494982	+	1	19	K.YSDHIALPVEIEKR.E	18
PSTAT+1387	proteomics_stat	494941	494979	+	1	4	K.YSDHIALPVEIEK.R	17
PSTAT+1388	proteomics_stat	494980	495021	+	1	5	K.REEKDGETVISWEK.I	18
PSTAT+1389	proteomics_stat	494983	495021	+	1	4	R.EEKDGETVISWEK.I	17
PSTAT+1390	proteomics_stat	494992	495021	+	1	4	K.DGETVISWEK.I	14
PSTAT+1391	proteomics_stat	495052	495096	+	1	30	R.NKSEITDEEYKEYFK.H	19
PSTAT+1392	proteomics_stat	495052	495084	+	1	7	R.NKSEITDEEYK.E	15
PSTAT+1393	proteomics_stat	495058	495096	+	1	3	K.SEITDEEYKEYFK.H	17
PSTAT+1394	proteomics_stat	495097	495156	+	1	10	K.HIAHDFNDPLTWSHNRVEGK.Q	24
PSTAT+1395	proteomics_stat	495097	495144	+	1	21	K.HIAHDFNDPLTWSHNR.V	20
PSTAT+1396	proteomics_stat	495157	495216	+	1	5	K.QEYTSLLYIPSQAPWDMWNR.D	24
PSTAT+1397	proteomics_stat	495253	495300	+	1	9	R.VFIMDDAEQFMPNYLR.F	20
PSTAT+1398	proteomics_stat	495310	495351	+	1	6	R.GLIDSSDLPLNVSR.E	18
PSTAT+1399	proteomics_stat	495352	495381	+	1	9	R.EILQDSTVTR.N	14
PSTAT+1400	proteomics_stat	495409	495429	+	1	3	R.VLQMLEK.L	11
PSTAT+1401	proteomics_stat	495430	495492	+	1	20	K.LAKDDAEKYQTFWQQFGLVLK.E	25
PSTAT+1402	proteomics_stat	495439	495492	+	1	2	K.DDAEKYQTFWQQFGLVLK.E	22
PSTAT+1403	proteomics_stat	495454	495492	+	1	15	K.YQTFWQQFGLVLK.E	17
PSTAT+1404	proteomics_stat	495493	495537	+	1	16	K.EGPAEDFANQEAIK.L	19
PSTAT+1405	proteomics_stat	495547	495609	+	1	17	R.FASTHTDSSAQTVSLEDYVSR.M	25
PSTAT+1406	proteomics_stat	495631	495669	+	1	3	K.IYYITADSYAAK.S	17
PSTAT+1407	proteomics_stat	495670	495696	+	1	2	K.SSPHLELLR.K	13
PSTAT+1408	proteomics_stat	495733	495798	+	1	2	R.IDEWMMNYLTFDGGKPFQSVSK.V	26
PSTAT+1409	proteomics_stat	495799	495819	+	1	2	K.VDESLEK.L	11
PSTAT+1410	proteomics_stat	495820	495849	+	1	9	K.LADEVDESAK.E	14
PSTAT+1411	proteomics_stat	495820	495861	+	1	5	K.LADEVDESAKEAK.A	18
PSTAT+1412	proteomics_stat	495823	495849	+	1	2	L.ADEVDESAK.E	13
PSTAT+1413	proteomics_stat	495937	495999	+	1	6	R.LTDTPAIVSTDADDEMSTQMAK.L	25
PSTAT+1414	proteomics_stat	496000	496023	+	1	2	K.LFAAAGQK.V	12
PSTAT+1415	proteomics_stat	496039	496077	+	1	7	K.YIFELNPDHVLVK.R	17
PSTAT+1416	proteomics_stat	496039	496080	+	1	8	K.YIFELNPDHVLVKR.A	18

PSTAT+1417	proteomics_stat	496108	496158	+	1	2	K.FSEWVELLLDQALLAER.G	21
PSTAT+1418	proteomics_stat	496159	496191	+	1	2	R.GTLEDPNLFI.R	15
PSTAT+1419	proteomics_stat	496405	496437	+	1	3	R.IILLGAPGAGK.G	15
PSTAT+1420	proteomics_stat	496438	496467	+	1	7	K.GTQAQFIMEK.Y	14
PSTAT+1421	proteomics_stat	496468	496506	+	1	4	K.YGIPQISTGDMLR.A	17
PSTAT+1422	proteomics_stat	496549	496569	+	1	3	K.DIMDAGK.L	11
PSTAT+1423	proteomics_stat	496570	496605	+	1	30	K.LVTDELVIALVK.E	16
PSTAT+1424	proteomics_stat	496633	496662	+	1	11	R.NGFLLDGFPR.T	14
PSTAT+1425	proteomics_stat	496690	496755	+	1	53	K.EAGINVDYVLEFDVPDELIVDR.I	26
PSTAT+1426	proteomics_stat	496807	496866	+	1	5	K.FNPPKVEGKDDVTGEELTTR.K	24
PSTAT+1427	proteomics_stat	496822	496866	+	1	7	K.VEGKDDVTGEELTTR.K	19
PSTAT+1428	proteomics_stat	496834	496866	+	1	18	K.DDVTGEELTTR.K	15
PSTAT+1429	proteomics_stat	496867	496893	+	1	4	R.KDDQEETVR.K	13
PSTAT+1430	proteomics_stat	496900	496950	+	1	11	R.LVEYHQMTAPLIGYYSK.E	21
PSTAT+1431	proteomics_stat	496903	496950	+	1	2	L.VEYHQMTAPLIGYYSK.E	20
PSTAT+1432	proteomics_stat	496906	496950	+	1	2	V.EYHQMTAPLIGYYSK.E	19
PSTAT+1433	proteomics_stat	496984	497016	+	1	9	K.VDGTKPVAEVR.A	15
PSTAT+1434	proteomics_stat	496984	497010	+	1	3	K.VDGTKPVAE.V	13
PSTAT+1435	proteomics_stat	497825	497875	+	2	7	K.HGEPDLLLLSYHGIPQR.Y	21
PSTAT+1436	proteomics_stat	497876	497908	+	2	3	R.YADEGDDYPQR.C	15
PSTAT+1437	proteomics_stat	498161	498238	+	2	2	K.KYEYIPALNATPEHIEMMANLVAAAYR.-	30
PSTAT+1438	proteomics_stat	499039	499092	+	1	6	A.RIPESALKRVLISLLSNR.S	22
PSTAT+1439	proteomics_stat	499520	499591	+	2	2	R.YGLSAGHSLVIEDDVAEALYQELK.Q	28
PSTAT+1440	proteomics_stat	499598	499675	+	2	6	K.NLITHQFAGGTIGNTMHNYSVLADDR.S	30
PSTAT+1441	proteomics_stat	499757	499801	+	2	3	R.TDLNLYQGVDGPIGR.C	19
PSTAT+1442	proteomics_stat	499874	499942	+	2	5	R.AESIPEDVIAGASALVLTSLVR.C	27
PSTAT+1443	proteomics_stat	500039	500083	+	2	4	K.FVIAENPQWWQQFLK.D	19
PSTAT+1444	proteomics_stat	500258	500317	+	2	3	K.TQHPLLPGAIAEFNQYFSR.A	24
PSTAT+1445	proteomics_stat	500354	500395	+	2	2	R.VYSHIAPYMGGPEK.I	18
PSTAT+1446	proteomics_stat	500396	500473	+	2	5	K.IMNTNGAGDGALAALLHDITANSYHR.S	30
PSTAT+1447	proteomics_stat	504213	504236	+	3	6	A.YEQDKTYK.I	12
PSTAT+1448	proteomics_stat	504282	504317	+	3	2	R.NEYGEYGLAAQK.T	16
PSTAT+1449	proteomics_stat	504342	504443	+	3	9	K.EVAAEGGSVLLSGGDINTGVPESDLQDAEPDFR.G	38
PSTAT+1450	proteomics_stat	504444	504518	+	3	3	R.GMNLVGYDAMAIGNHEFDNPLTVLR.Q	29
PSTAT+1451	proteomics_stat	504540	504572	+	3	2	K.FPLLSANIYQK.S	15
PSTAT+1452	proteomics_stat	504669	504707	+	3	3	K.IGNPEYFTDIEFR.K	17
PSTAT+1453	proteomics_stat	504729	504851	+	3	3	K.LVIQELQQTEKPDIIIAATHMGHYDNGEHGSNAPGDVEMAR.A	45
PSTAT+1454	proteomics_stat	504789	504851	+	3	3	H.MGHYDNGEHGSNAPGDVEMAR.A	25
PSTAT+1455	proteomics_stat	504879	504932	+	3	5	M.IVGGHSQDPVCMAAENKK.Q	22
PSTAT+1456	proteomics_stat	504933	505016	+	3	2	K.QVDYVPGTCKPDQNGIWIWQAHEWGK.Y	32
PSTAT+1457	proteomics_stat	505062	505097	+	3	2	K.MVNYQLIPVNLK.K	16
PSTAT+1458	proteomics_stat	505062	505100	+	3	2	K.MVNYQLIPVNLKK.K	17
PSTAT+1459	proteomics_stat	505134	505202	+	3	7	R.VLYTPEIAENQQMISLLSPFQNK.G	27
PSTAT+1460	proteomics_stat	505368	505400	+	3	5	R.DSIEAGDISYK.N	15
PSTAT+1461	proteomics_stat	505461	505550	+	3	6	K.EVIDYLTAVAQMKPDGAYPQFANVSFVAK.D	34
PSTAT+1462	proteomics_stat	505575	505604	+	3	2	K.IKGEPVDPK.T	14

PSTAT+1463	proteomics_stat	505614	505661	+	3	4	R.MATLNFNATGGDGYPR.L	20
PSTAT+1464	proteomics_stat	505662	505718	+	3	6	R.LDNKPGYVNTGFIDAEVLK.A	23
PSTAT+1465	proteomics_stat	511072	511128	+	1	4	K.VCTLALALEDVGPQAVQDK.I	23
PSTAT+1466	proteomics_stat	511129	511269	+	1	2	K.IGADPTGLPFNSVIALELHGGKPLSPLVNAGAIATTSLINAENVEQR.W	51
PSTAT+1467	proteomics_stat	511279	511371	+	1	10	R.ILHIQQQLAGEQVALSDEVNQSEQTTNFHNR.A	35
PSTAT+1468	proteomics_stat	511447	511536	+	1	10	R.QCSTLLNTIELATLGATLAAGGVNPLTHKR.V	34
PSTAT+1469	proteomics_stat	511447	511533	+	1	10	R.QCSTLLNTIELATLGATLAAGGVNPLTHK.R	33
PSTAT+1470	proteomics_stat	511537	511602	+	1	8	R.VLQADNVPIYLAEMMMEGLYGR.S	26
PSTAT+1471	proteomics_stat	511603	511623	+	1	3	R.SGDWAYR.V	11
PSTAT+1472	proteomics_stat	511642	511737	+	1	9	K.SGVGGGILAVVPGVMGIAAFSPPLDEDGNSVR.G	36
PSTAT+1473	proteomics_stat	515614	515688	+	1	3	K.VLLLDEITSALDES NKHNVNEMIH.R.Y	29
PSTAT+1474	proteomics_stat	521560	521598	+	1	2	R.WENGNMGLTQLNR.Q	17
PSTAT+1475	proteomics_stat	526301	526381	+	2	2	G.GVCGVLSRIIGPSKFDSTADAALDALK.E	31
PSTAT+1476	proteomics_stat	532256	532291	+	2	12	R.GRPGQAEPVAQK.G	16
PSTAT+1477	proteomics_stat	532601	532642	+	2	3	R.NGNEAVLIGQLECK.S	18
PSTAT+1478	proteomics_stat	532679	532708	+	2	5	R.LPLHASGAGK.A	14
PSTAT+1479	proteomics_stat	532973	532999	+	2	2	R.FVSQGELVR.D	13
PSTAT+1480	proteomics_stat	533287	533328	+	1	3	R.HVEGASHMAEGYTR.A	18
PSTAT+1481	proteomics_stat	534109	534153	+	1	2	K.AALTLLEVAQEMQK.A	19
PSTAT+1482	proteomics_stat	535093	535146	+	1	4	K.LEHTLHNLPAAGDWAAGER.G	22
PSTAT+1483	proteomics_stat	535258	535314	+	1	7	K.TPAGFSSEQIHATLVENLR.Y	23
PSTAT+1484	proteomics_stat	535339	535410	+	1	5	K.EDILLIIEPINHFDIPGFHLTGTR.Q	28
PSTAT+1485	proteomics_stat	535531	535611	+	1	15	K.IGHLQIADNPHRGEPTGEINYDYLFK.V	31
PSTAT+1486	proteomics_stat	535612	535689	+	1	3	K.VIENSDYNGWVGCEYKQPQTTEAGLR.W	30
PSTAT+1487	proteomics_stat	535816	535872	+	1	3	K.LGFIGLIGIMGTPMAINLAR.A	23
PSTAT+1488	proteomics_stat	535873	535959	+	1	13	R.AGHQLHVTTIGPVADELLESLGAVSVETAR.Q	33
PSTAT+1489	proteomics_stat	539557	539607	+	1	6	A.AMFLPMTIWNIAATKSAR.M	21
PSTAT+1490	proteomics_stat	552906	552986	+	3	2	A.FAEQKITVAMNEITGNAGIGHRFDRRR.H	31
PSTAT+1491	proteomics_stat	554062	554106	+	1	2	K.RANENGESFVAMVDR.M	19
PSTAT+1492	proteomics_stat	554128	554172	+	1	3	K.DFDALNILRPDMEPR.A	19
PSTAT+1493	proteomics_stat	554152	554172	+	1	4	L.RPDMEPR.A	11
PSTAT+1494	proteomics_stat	554305	554337	+	1	3	R.QDLDQLQAGAR.V	15
PSTAT+1495	proteomics_stat	554806	554856	+	1	2	R.GTDKTVAPAGGEAFEAR.F	21
PSTAT+1496	proteomics_stat	554818	554856	+	1	2	K.TVAPAGGEAFEAR.F	17
PSTAT+1497	proteomics_stat	554857	554925	+	1	4	R.FIEAMDDDFNTPEAYSVLFDMAR.E	27
PSTAT+1498	proteomics_stat	554938	554988	+	1	7	R.LKAEDMAAANAMASHLR.K	21
PSTAT+1499	proteomics_stat	554944	554988	+	1	2	K.AEDMAAANAMASHLR.K	19
PSTAT+1500	proteomics_stat	554992	555102	+	1	25	K.LSAVLGLLEQEPEAFLQSGAQADDSEVAEIEALIQQR.L	41
PSTAT+1501	proteomics_stat	555124	555150	+	1	2	K.DWAAADAAR.D	13
PSTAT+1502	proteomics_stat	555151	555210	+	1	5	R.DRLNEMGIVLEDGPQGTWR.R	24
PSTAT+1503	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1504	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1505	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1506	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1507	proteomics_stat	566140	566196	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+1508	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20

PSTAT+1509	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1510	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1511	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1512	proteomics_stat	566706	566753	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+1513	proteomics_stat	596420	596488	+	2	3	A.NEHHHETMSEAQPQVISATGVVK.G	27
PSTAT+1514	proteomics_stat	601188	601244	+	3	2	K.NASTVSEDASNQEPTLHR.G	23
PSTAT+1515	proteomics_stat	616161	616235	+	3	3	R.ETLPPHMVPVLLQLPLSANGK.L	29
PSTAT+1516	proteomics_stat	622300	622362	+	1	3	Q.IGFLYAAIPLGAAIGALTS GK.L	25
PSTAT+1517	proteomics_stat	624876	624959	+	3	2	R.SSELHVPSSPQLITPTLWHLATPFEGK.A	32
PSTAT+1518	proteomics_stat	625350	625391	+	3	2	K.GYWQDLPLTDILTR.H	18
PSTAT+1519	proteomics_stat	626250	626321	+	3	2	R.IPAEIGCQLQQVFGMAEGLVNYTR.L	28
PSTAT+1520	proteomics_stat	627574	627657	+	1	2	R.EVILPLLDESDEPFDDDNLIDYGLDSVR.M	32
PSTAT+1521	proteomics_stat	629336	629374	+	2	7	R.HNDGLDYVPTDKK.V	17
PSTAT+1522	proteomics_stat	629336	629371	+	2	4	R.HNDGLDYVPTDK.K	16
PSTAT+1523	proteomics_stat	630602	630649	+	2	2	R.FMLQDLLGVVSPGLKR.T	20
PSTAT+1524	proteomics_stat	630938	630964	+	2	3	K.VGFLAIANK.F	13
PSTAT+1525	proteomics_stat	631154	631210	+	2	4	K.ETPYEPMPEVVEEIVAQAK.G	23
PSTAT+1526	proteomics_stat	632962	633027	+	1	3	R.LAHHVAQGANQYAPMTGVQALR.E	26
PSTAT+1527	proteomics_stat	633055	633147	+	1	3	R.LYGYQPDADSDITVTAGATEALYAAITALVR.N	35
PSTAT+1528	proteomics_stat	633655	633696	+	1	2	R.AEPEHYLALPDFYR.Q	18
PSTAT+1529	proteomics_stat	638219	638263	+	2	40	K.NGEFIEITEKDTTEGR.W	19
PSTAT+1530	proteomics_stat	638219	638248	+	2	9	K.NGEFIEITEK.D	14
PSTAT+1531	proteomics_stat	638357	638407	+	2	84	K.LGVDVYAVSTDTHFTHK.A	21
PSTAT+1532	proteomics_stat	638360	638407	+	2	10	L.GVDVYAVSTDTHFTHK.A	20
PSTAT+1533	proteomics_stat	638408	638440	+	2	42	K.AWSSSETIAK.I	15
PSTAT+1534	proteomics_stat	638411	638440	+	2	3	A.WSSSETIAK.I	14
PSTAT+1535	proteomics_stat	638414	638440	+	2	2	W.HSSSETIAK.I	13
PSTAT+1536	proteomics_stat	638441	638485	+	2	7	K.IKYAMIGDPTGALTR.N	19
PSTAT+1537	proteomics_stat	638447	638485	+	2	16	K.YAMIGDPTGALTR.N	17
PSTAT+1538	proteomics_stat	638450	638485	+	2	2	Y.AMIGDPTGALTR.N	16
PSTAT+1539	proteomics_stat	638456	638485	+	2	2	M.IGDPTGALTR.N	14
PSTAT+1540	proteomics_stat	638486	638527	+	2	20	R.NFDNMREDEGLADR.A	18
PSTAT+1541	proteomics_stat	638489	638527	+	2	5	N.FDNMREDEGLADR.A	17
PSTAT+1542	proteomics_stat	638525	638596	+	2	5	D.RATFVVDPPQGIIQAIEVTAEGIGR.D	28
PSTAT+1543	proteomics_stat	638528	638596	+	2	318	R.ATFVVDPPQGIIQAIEVTAEGIGR.D	27
PSTAT+1544	proteomics_stat	638531	638596	+	2	9	A.TFVVDPPQGIIQAIEVTAEGIGR.D	26
PSTAT+1545	proteomics_stat	638537	638596	+	2	2	F.VVDPPQGIIQAIEVTAEGIGR.D	24
PSTAT+1546	proteomics_stat	638546	638596	+	2	23	D.PQGIIQAIEVTAEGIGR.D	21
PSTAT+1547	proteomics_stat	638561	638596	+	2	2	I.QAIEVTAEGIGR.D	16
PSTAT+1548	proteomics_stat	638597	638617	+	2	2	R.DASDLLR.K	11
PSTAT+1549	proteomics_stat	638621	638674	+	2	2	K.IKAAQYVASHPGEVCPAK.W	22
PSTAT+1550	proteomics_stat	638624	638674	+	2	3	I.KAAQYVASHPGEVCPAK.W	21
PSTAT+1551	proteomics_stat	638627	638674	+	2	54	K.AAQYVASHPGEVCPAK.W	20
PSTAT+1552	proteomics_stat	638630	638674	+	2	3	A.AQYVASHPGEVCPAK.W	19
PSTAT+1553	proteomics_stat	638633	638674	+	2	2	A.QYVASHPGEVCPAK.W	18
PSTAT+1554	proteomics_stat	638636	638674	+	2	2	Q.YVASHPGEVCPAK.W	17

PSTAT+1555	proteomics_stat	638675	638725	+	2	12	K.WKEGEATLAPSLDLVGK.I	21
PSTAT+1556	proteomics_stat	638675	638728	+	2	40	K.WKEGEATLAPSLDLVGKI.-	22
PSTAT+1557	proteomics_stat	638681	638728	+	2	14	K.EGEATLAPSLDLVGKI.-	20
PSTAT+1558	proteomics_stat	638681	638725	+	2	6	K.EGEATLAPSLDLVGK.I	19
PSTAT+1559	proteomics_stat	639024	639071	+	3	5	K.LTKPVELIATLDDSAK.S	20
PSTAT+1560	proteomics_stat	639072	639122	+	3	3	K.SAEIKELLAEIAELSDK.V	21
PSTAT+1561	proteomics_stat	639072	639134	+	3	2	K.SAEIKELLAEIAELSDKVTFK.E	25
PSTAT+1562	proteomics_stat	639072	639158	+	3	6	K.SAEIKELLAEIAELSDKVTFKEDNSLPVR.K	33
PSTAT+1563	proteomics_stat	639087	639134	+	3	5	K.ELLAEIAELSDKVTFK.E	20
PSTAT+1564	proteomics_stat	639087	639158	+	3	6	K.ELLAEIAELSDKVTFKEDNSLPVR.K	28
PSTAT+1565	proteomics_stat	639159	639206	+	3	19	R.KPSFLITNPGSNQGPR.F	20
PSTAT+1566	proteomics_stat	639426	639473	+	3	5	K.HTAIDGGTFQNEITDR.N	20
PSTAT+1567	proteomics_stat	639474	639512	+	3	2	R.NVMGVPVAVFVNGK.E	17
PSTAT+1568	proteomics_stat	639606	639674	+	3	4	R.DAYDVLIVGSGPAGAAAAIYSAR.K	27
PSTAT+1569	proteomics_stat	639708	639764	+	3	16	R.FGGQILDVTDIENYISVPK.T	23
PSTAT+1570	proteomics_stat	639798	639851	+	3	6	K.VHVDEYDVIDS QSASK.L	22
PSTAT+1571	proteomics_stat	639849	639917	+	3	2	S.KLIPAAVEGGLHQIETASGAVLK.A	27
PSTAT+1572	proteomics_stat	639852	639917	+	3	3	K.LIPAAVEGGLHQIETASGAVLK.A	26
PSTAT+1573	proteomics_stat	639924	639950	+	3	2	R.SIIVATGAK.W	13
PSTAT+1574	proteomics_stat	639957	639989	+	3	2	R.NMNVPGEDQYR.T	15
PSTAT+1575	proteomics_stat	640149	640172	+	3	6	K.ADQVLQDK.L	12
PSTAT+1576	proteomics_stat	640374	640400	+	3	2	R.MGEIIDA.K	13
PSTAT+1577	proteomics_stat	640419	640460	+	3	2	K.GVFAAGDCTTVPYK.Q	18
PSTAT+1578	proteomics_stat	653229	653276	+	3	3	R.FKPGILLDNYLPDGR.G	20
PSTAT+1579	proteomics_stat	656560	656595	+	1	3	K.GFGFITPEDGSK.D	16
PSTAT+1580	proteomics_stat	656560	656640	+	1	5	K.GFGFITPEDGSKDVFVHFSAIQTNGFK.T	31
PSTAT+1581	proteomics_stat	656596	656640	+	1	5	K.DVFVHFSAIQTNGFK.T	19
PSTAT+1582	proteomics_stat	656641	656691	+	1	3	K.TLAEGQRVEFEITNGAK.G	21
PSTAT+1583	proteomics_stat	656662	656691	+	1	2	R.VEFEITNGAK.G	14
PSTAT+1584	proteomics_stat	674268	674294	+	3	2	R.ELVASLSER.L	13
PSTAT+1585	proteomics_stat	674313	674342	+	3	3	R.DIDALVEQAR.E	14
PSTAT+1586	proteomics_stat	674376	674399	+	3	2	R.TEVDELTR.A	12
PSTAT+1587	proteomics_stat	674412	674480	+	3	11	R.DLEEFAMSYEESLKEESDSVFM.R.V	27
PSTAT+1588	proteomics_stat	674481	674528	+	3	2	R.VIKESLWQELADITDK.T	20
PSTAT+1589	proteomics_stat	674490	674546	+	3	2	K.ESLWQELADITDKTQLEWR.E	23
PSTAT+1590	proteomics_stat	674547	674627	+	3	16	R.EVFQDLNHHGVYHSGEVVGLGNLVCEK.C	31
PSTAT+1591	proteomics_stat	674682	674705	+	3	4	K.CGHDQFQR.R	12
PSTAT+1592	proteomics_stat	694747	694776	+	1	2	R.HDDLQELELK.G	14
PSTAT+1593	proteomics_stat	695029	695076	+	1	4	R.QLQNMNMAQLQAEIAK.H	20
PSTAT+1594	proteomics_stat	695092	695139	+	1	2	R.LGYVTPLAAGAFPLTR.R	20
PSTAT+1595	proteomics_stat	703203	703253	+	3	3	R.ALQLPIAVLPVAALLLR.F	21
PSTAT+1596	proteomics_stat	704736	704774	+	3	7	K.AVGDGVAVKPTDK.I	17
PSTAT+1597	proteomics_stat	704811	704852	+	3	7	K.IFNTNHAFCLETEK.G	18
PSTAT+1598	proteomics_stat	704919	704999	+	3	3	R.LVEEGAQVSAGQPILEMDLDYLNANAR.S	31
PSTAT+1599	proteomics_stat	705000	705059	+	3	3	R.SMISPVVCSNIDDFSGLI.K.A	24
PSTAT+1600	proteomics_stat	705060	705107	+	3	6	K.AQGHIVAGQTPLYEIK.K	20

PSTAT+1601	proteomics_stat	705319	705354	+	1	2	M.SEAEARPTNFIR.Q	16
PSTAT+1602	proteomics_stat	705355	705387	+	1	5	R.QIIDEDLASGK.H	15
PSTAT+1603	proteomics_stat	705454	705492	+	1	3	K.SICLNFGIAQDYK.G	17
PSTAT+1604	proteomics_stat	705610	705666	+	1	15	R.YSSDYFDQLHAYAIELINK.G	23
PSTAT+1605	proteomics_stat	705667	705708	+	1	4	K.GLAYVDELTPAQIR.E	18
PSTAT+1606	proteomics_stat	705838	705876	+	1	4	R.AKIDMASPFIVMR.D	17
PSTAT+1607	proteomics_stat	706033	706080	+	1	10	R.LYDWVLDNITIPVHPR.Q	20
PSTAT+1608	proteomics_stat	706099	706128	+	1	2	R.LNLEYTVMSK.R	14
PSTAT+1609	proteomics_stat	706132	706158	+	1	3	R.KLNLLVTDK.H	13
PSTAT+1610	proteomics_stat	706270	706314	+	1	3	K.QDNITIEMASLESCIR.E	19
PSTAT+1611	proteomics_stat	706315	706341	+	1	5	R.EDLNENAPR.A	13
PSTAT+1612	proteomics_stat	706342	706368	+	1	3	R.AMAVIDPVK.L	13
PSTAT+1613	proteomics_stat	706369	706449	+	1	16	K.LVIENYQGEEMVTMPNHPNKPEMGSR.Q	31
PSTAT+1614	proteomics_stat	706450	706485	+	1	3	R.QVPFSGEIWIDR.A	16
PSTAT+1615	proteomics_stat	706678	706728	+	1	2	K.GVIHWVSAHALPVEIR.L	21
PSTAT+1616	proteomics_stat	706741	706815	+	1	13	R.LFSVPNPGAADDFLSVINPESLVIK.Q	29
PSTAT+1617	proteomics_stat	706816	706860	+	1	4	K.QGFAEPSLKDAVAGK.A	19
PSTAT+1618	proteomics_stat	706906	706938	+	1	2	R.HSTAEPVFN.R	15
PSTAT+1619	proteomics_stat	712216	712266	+	1	4	K.TIEVDDELYSYIASHTK.H	21
PSTAT+1620	proteomics_stat	712267	712299	+	1	10	K.HIGESASDILR.R	15
PSTAT+1621	proteomics_stat	712312	712350	+	1	6	K.FSAASQPAAPVTK.E	17
PSTAT+1622	proteomics_stat	712360	712398	+	1	10	R.VASPAIVEAKPVK.T	17
PSTAT+1623	proteomics_stat	712429	712467	+	1	2	R.ELLSDEYAEQKR.A	17
PSTAT+1624	proteomics_stat	712624	712674	+	1	11	K.HVPGTPYWVITNTNTGR.K	21
PSTAT+1625	proteomics_stat	712678	712737	+	1	4	K.CSMIEHIMQSMQFPAELIEK.V	24
PSTAT+1626	proteomics_stat	712799	712903	+	2	19	R.AGQPAQQSDLINVAQLTAQYYVLKPEAGNAEHAHV.F	39
PSTAT+1627	proteomics_stat	712940	712996	+	2	6	R.HSFNEPHILAIQAIAEER.A	23
PSTAT+1628	proteomics_stat	713003	713035	+	2	3	K.NGITGPCYVGK.D	15
PSTAT+1629	proteomics_stat	713177	713248	+	2	7	K.KGGPLADGIVITPSHNPPEDGGIK.Y	28
PSTAT+1630	proteomics_stat	713249	713293	+	2	3	K.YNPPNGGPADTNVTK.V	19
PSTAT+1631	proteomics_stat	713309	713338	+	2	2	R.ANALLADGLK.G	14
PSTAT+1632	proteomics_stat	713351	713389	+	2	8	R.ISLDEAMASGHVK.E	17
PSTAT+1633	proteomics_stat	713390	713458	+	2	22	K.EQDLVQPFVEGLADIVDMAAIQK.A	27
PSTAT+1634	proteomics_stat	713459	713515	+	2	7	K.AGLTLGVDPLGGSGIEYWK.R	23
PSTAT+1635	proteomics_stat	713519	713581	+	2	2	R.IGEYYNLNLTIVNDQVDQTFR.F	25
PSTAT+1636	proteomics_stat	713663	713707	+	2	2	R.DKFDLAFANDPDYDR.H	19
PSTAT+1637	proteomics_stat	713708	713755	+	2	4	R.HGIVTPAGLMNPNHYL.A	20
PSTAT+1638	proteomics_stat	714062	714094	+	2	9	K.NPQEHYNELAK.R	15
PSTAT+1639	proteomics_stat	714122	714151	+	2	5	R.LQAAATSAQK.A	14
PSTAT+1640	proteomics_stat	714167	714223	+	2	7	K.LSPEMVSASTLAGDPITAR.L	23
PSTAT+1641	proteomics_stat	714224	714268	+	2	4	R.LTAAPNGGASIGGLK.V	19
PSTAT+1642	proteomics_stat	714302	714328	+	2	2	R.PSGTEDAYK.I	13
PSTAT+1643	proteomics_stat	714329	714367	+	2	3	K.IYCESFLGEEHRK.Q	17
PSTAT+1644	proteomics_stat	742050	742088	+	3	12	K.MKNTELEQLINEK.L	17
PSTAT+1645	proteomics_stat	742056	742088	+	3	3	K.NTELEQLINEK.L	15
PSTAT+1646	proteomics_stat	742089	742145	+	3	5	K.LNSAAISDYAPNGLQVEGK.E	23

PSTAT+1647	proteomics_stat	742161	742211	+	3	11	K.IVTGVTASQALLDEAVR.L	21
PSTAT+1648	proteomics_stat	742506	742550	+	3	10	R.KPLWCGDGTGPEVVQR.V	19
PSTAT+1649	proteomics_stat	742551	742601	+	3	6	R.VAWCTGGGQSFIDSAAR.F	21
PSTAT+1650	proteomics_stat	742554	742601	+	3	2	V.AWCTGGGQSFIDSAAR.F	20
PSTAT+1651	proteomics_stat	742569	742601	+	3	2	G.GGQSFIDSAAR.F	15
PSTAT+1652	proteomics_stat	742662	742709	+	3	7	R.EQGLHFYAAGHHATER.G	20
PSTAT+1653	proteomics_stat	742924	742989	+	1	4	R.LVDMPNVVEAIPGMNITVILR.N	26
PSTAT+1654	proteomics_stat	742924	743025	+	1	2	R.LVDMPNVVEAIPGMNITVILRNPELALDAIER.L	38
PSTAT+1655	proteomics_stat	743937	743963	+	3	3	R.DSMEAQGVK.Q	13
PSTAT+1656	proteomics_stat	744120	744236	+	3	2	R.TTDRELLSHGLLPGVVQVPHNGQPIVLMNDAQTTGGYPR.I	43
PSTAT+1657	proteomics_stat	745386	745421	+	3	2	R.VVDTGEEPQTTR.V	16
PSTAT+1658	proteomics_stat	754783	754812	+	1	5	R.MVSNASALGR.N	14
PSTAT+1659	proteomics_stat	754786	754812	+	1	3	M.VSNASALGR.N	13
PSTAT+1660	proteomics_stat	755148	755192	+	3	3	R.EFDVAVIGAGGAGMR.A	19
PSTAT+1661	proteomics_stat	755193	755243	+	3	22	R.AALQISQSGQTCALLSK.V	21
PSTAT+1662	proteomics_stat	755352	755399	+	3	10	K.GSDYIGDQDAIEYMCK.T	20
PSTAT+1663	proteomics_stat	755400	755453	+	3	35	K.TGPEAILELEHMGLPFSR.L	22
PSTAT+1664	proteomics_stat	755403	755453	+	3	3	T.GPEAILELEHMGLPFSR.L	21
PSTAT+1665	proteomics_stat	755469	755501	+	3	7	R.IYQRPFGGQSK.N	15
PSTAT+1666	proteomics_stat	755502	755528	+	3	4	K.NFGGEQAAR.T	13
PSTAT+1667	proteomics_stat	755505	755528	+	3	2	N.FGGEQAAR.T	12
PSTAT+1668	proteomics_stat	755550	755594	+	3	16	R.TGHALLHTLYQQNLK.N	19
PSTAT+1669	proteomics_stat	755595	755642	+	3	44	K.NHTTIFSEWYALDLVK.N	20
PSTAT+1670	proteomics_stat	755718	755750	+	3	3	R.ATVLATGGAGR.I	15
PSTAT+1671	proteomics_stat	755751	755813	+	3	3	R.IYQSTTNAHINTGDGVGMAIR.A	25
PSTAT+1672	proteomics_stat	755814	755903	+	3	36	R.AGVPVQDMEMWQFHPTGIAGAGVLVTEGCR.G	34
PSTAT+1673	proteomics_stat	755904	755930	+	3	3	R.GEGGYLLNK.H	13
PSTAT+1674	proteomics_stat	756033	756065	+	3	14	R.GCDGPWGPFAK.L	15
PSTAT+1675	proteomics_stat	756108	756134	+	3	6	R.LPGILELSR.T	13
PSTAT+1676	proteomics_stat	756135	756218	+	3	36	R.TFAHVDPVKEPIPVIPTCHYMMGGIPTK.V	32
PSTAT+1677	proteomics_stat	756135	756191	+	3	2	R.TFAHVDPVKEPIPVIPTCH.Y	23
PSTAT+1678	proteomics_stat	756135	756197	+	3	5	R.TFAHVDPVKEPIPVIPTCHYM.M	25
PSTAT+1679	proteomics_stat	756219	756251	+	3	4	K.VTGQALTVNEK.G	15
PSTAT+1680	proteomics_stat	756327	756368	+	3	19	R.LGGNSLLDLVVFGR.A	18
PSTAT+1681	proteomics_stat	756369	756419	+	3	318	R.AAGLHLQESIAEQGALR.D	21
PSTAT+1682	proteomics_stat	756420	756458	+	3	46	R.DASESDVEASLDR.L	17
PSTAT+1683	proteomics_stat	756483	756509	+	3	2	R.NGEDPVAIR.K	13
PSTAT+1684	proteomics_stat	756483	756512	+	3	6	R.NGEDPVAIRK.A	14
PSTAT+1685	proteomics_stat	756513	756554	+	3	10	K.ALQECMQHNFSVFR.E	18
PSTAT+1686	proteomics_stat	756516	756554	+	3	3	A.LQECMQHNFSVFR.E	17
PSTAT+1687	proteomics_stat	756624	756659	+	3	17	R.LDDTSSEFNTQR.V	16
PSTAT+1688	proteomics_stat	756624	756728	+	3	3	R.LDDTSSEFNTQRVECLELDNLMETAYATAVANSFR.T	39
PSTAT+1689	proteomics_stat	756627	756659	+	3	7	L.DDTSSEFNTQR.V	15
PSTAT+1690	proteomics_stat	756660	756728	+	3	79	R.VECLELDNLMETAYATAVANSFR.T	27
PSTAT+1691	proteomics_stat	756756	756833	+	3	4	R.FDFPDRDDENWLCHSLYLPESMTR.R	30
PSTAT+1692	proteomics_stat	756912	756938	+	3	2	K.MRLEFSIYR.Y	13

PSTAT+1693	proteomics_stat	756939	756968	+	3	4	R.YNPVDVDDAPR.M	14
PSTAT+1694	proteomics_stat	756942	756968	+	3	6	Y.NPDVDDAPR.M	13
PSTAT+1695	proteomics_stat	756969	757040	+	3	20	R.MQDYTLEADEGRDMMLLDALIQLK.E	28
PSTAT+1696	proteomics_stat	756969	757004	+	3	7	R.MQDYTLEADEGR.D	16
PSTAT+1697	proteomics_stat	757041	757067	+	3	2	K.EKDPSLSFR.R	13
PSTAT+1698	proteomics_stat	757080	757121	+	3	9	R.EGVCSDGLNMNGK.N	18
PSTAT+1699	proteomics_stat	757122	757175	+	3	18	K.NGLACITPISALNQPQKK.I	22
PSTAT+1700	proteomics_stat	757122	757172	+	3	5	K.NGLACITPISALNQPQK.K	21
PSTAT+1701	proteomics_stat	757173	757214	+	3	4	K.KIVIRPLPLPVIR.D	18
PSTAT+1702	proteomics_stat	757176	757214	+	3	16	K.IVIRPLPLPVIR.D	17
PSTAT+1703	proteomics_stat	757215	757259	+	3	40	R.DLVVDMGQFYAQYEK.I	19
PSTAT+1704	proteomics_stat	757260	757304	+	3	31	K.IKPYLLNNGQNPPAR.E	19
PSTAT+1705	proteomics_stat	757305	757331	+	3	19	R.EHLQMPQQR.E	13
PSTAT+1706	proteomics_stat	757470	757526	+	3	5	R.DTETDSRLDGLSDAFSVFR.C	23
PSTAT+1707	proteomics_stat	757491	757526	+	3	2	R.LDGLSDAFSVFR.C	16
PSTAT+1708	proteomics_stat	757494	757526	+	3	4	L.DGLSDAFSVFR.C	15
PSTAT+1709	proteomics_stat	758055	758117	+	3	20	R.STFQQLPGTGVPDQFHSQTR.E	25
PSTAT+1710	proteomics_stat	758154	758192	+	3	5	R.YSSTISDPDTNVK.Q	17
PSTAT+1711	proteomics_stat	758202	758228	+	3	2	K.VLQLINAYR.F	13
PSTAT+1712	proteomics_stat	758205	758228	+	3	2	V.LQLINAYR.F	12
PSTAT+1713	proteomics_stat	758235	758285	+	3	10	R.GHQHANLDPLGLWQQDK.V	21
PSTAT+1714	proteomics_stat	758286	758372	+	3	55	K.VADLDPSFHDLTLEADFQETFNVGSFASGK.E	33
PSTAT+1715	proteomics_stat	758412	758474	+	3	11	K.QTYCGPIGAEYMHITSTEEKR.W	25
PSTAT+1716	proteomics_stat	758505	758528	+	3	2	R.ATFNSEEK.K	12
PSTAT+1717	proteomics_stat	758535	758573	+	3	5	R.FLSELAAEGLER.Y	17
PSTAT+1718	proteomics_stat	758604	758648	+	3	10	K.RFSLEGGDALIPMLK.E	19
PSTAT+1719	proteomics_stat	758685	758711	+	3	10	R.EVVLGMAHR.G	13
PSTAT+1720	proteomics_stat	758712	758747	+	3	4	R.GRLNVLVNVLGK.K	16
PSTAT+1721	proteomics_stat	758718	758747	+	3	3	R.LNVLVNVLGK.K	14
PSTAT+1722	proteomics_stat	758748	758783	+	3	9	K.KPQDLDFEFAGK.H	16
PSTAT+1723	proteomics_stat	758790	758816	+	3	5	K.EHLGTGDVK.Y	13
PSTAT+1724	proteomics_stat	758940	758972	+	3	5	R.LDRLEPSSNK.V	15
PSTAT+1725	proteomics_stat	758949	758972	+	3	6	R.LDEPSSNK.V	12
PSTAT+1726	proteomics_stat	758973	759050	+	3	153	K.VLPITIHGDAAVTGQGVVQETLNMSK.A	30
PSTAT+1727	proteomics_stat	759084	759137	+	3	9	R.IVINNVQVGFSTSNPLDAR.S	22
PSTAT+1728	proteomics_stat	759168	759233	+	3	8	K.MVQAPIFHVNADDPEAVAFVTR.L	26
PSTAT+1729	proteomics_stat	759300	759356	+	3	2	R.HGHNEADEPSATQPLMYQK.I	23
PSTAT+1730	proteomics_stat	759381	759413	+	3	3	R.KIYADKLEQEK.V	15
PSTAT+1731	proteomics_stat	759384	759413	+	3	8	K.IYADKLEQEK.V	14
PSTAT+1732	proteomics_stat	759414	759458	+	3	13	K.VATLEDATEMVNLYR.D	19
PSTAT+1733	proteomics_stat	759606	759647	+	3	6	K.RISTVPEAVEMQSR.V	18
PSTAT+1734	proteomics_stat	759609	759647	+	3	6	R.ISTVPEAVEMQSR.V	17
PSTAT+1735	proteomics_stat	759696	759764	+	3	37	K.LFDWGGAEENLAYATLVDEGIPVR.L	27
PSTAT+1736	proteomics_stat	759807	759860	+	3	2	R.HAVIHNSQNGSTYPLQH.I	22
PSTAT+1737	proteomics_stat	759888	759959	+	3	3	R.VWDSVLSEEAVLAFEYGYATAEPR.T	28
PSTAT+1738	proteomics_stat	760059	760127	+	3	14	R.MCGLVMLLPHGYEGQGPESHSSAR.L	27

PSTAT+1739	proteomics_stat	760278	760364	+	3	21	R.HPLAVSSLEELANGTFLPAIGEIDELDPK.G	33
PSTAT+1740	proteomics_stat	760398	760424	+	3	2	K.VYYDLLEQR.R	13
PSTAT+1741	proteomics_stat	760428	760460	+	3	4	R.KNNQHDVAIVR.I	15
PSTAT+1742	proteomics_stat	760431	760460	+	3	8	K.NNQHDVAIVR.I	14
PSTAT+1743	proteomics_stat	760461	760490	+	3	6	R.IEQLYPPPHK.A	14
PSTAT+1744	proteomics_stat	760491	760529	+	3	9	K.AMQEVLQQFAHVK.D	17
PSTAT+1745	proteomics_stat	760629	760688	+	3	8	R.YAGRPASASPAVGYSVHVK.Q	24
PSTAT+1746	proteomics_stat	760629	760682	+	3	4	R.YAGRPASASPAVGYSVH.Q	22
PSTAT+1747	proteomics_stat	760641	760688	+	3	4	R.PASASPAVGYSVHVK.Q	20
PSTAT+1748	proteomics_stat	760748	760819	+	2	4	M.SSVDILVPDLPESVADATVATWHK.K	28
PSTAT+1749	proteomics_stat	760769	760819	+	2	7	V.PDLPESVADATVATWHK.K	21
PSTAT+1750	proteomics_stat	760820	760843	+	2	6	K.KPGDAVVR.D	12
PSTAT+1751	proteomics_stat	760973	761014	+	2	3	R.LREGNSAGKETSAC.S	18
PSTAT+1752	proteomics_stat	761045	761101	+	2	5	Q.RQQASLEEQNNDALSPAIR.R	23
PSTAT+1753	proteomics_stat	761048	761101	+	2	11	R.QQASLEEQNNDALSPAIR.R	22
PSTAT+1754	proteomics_stat	761102	761143	+	2	2	R.RLLAEHNLDASAIK.G	18
PSTAT+1755	proteomics_stat	761105	761143	+	2	14	R.LLAEHNLDASAIK.G	17
PSTAT+1756	proteomics_stat	761105	761149	+	2	3	R.LLAEHNLDASAIKGT.G	19
PSTAT+1757	proteomics_stat	761108	761143	+	2	8	L.LAEHNLDASAIK.G	16
PSTAT+1758	proteomics_stat	761111	761143	+	2	2	L.AEHNLDASAIK.G	15
PSTAT+1759	proteomics_stat	761201	761266	+	2	7	K.APAKESAPAAAAPAAQPALAAR.S	26
PSTAT+1760	proteomics_stat	761213	761266	+	2	27	K.ESAPAAAAPAAQPALAAR.S	22
PSTAT+1761	proteomics_stat	761330	761395	+	2	2	A.KNSTAMLTTFNEVNMKPIMDLR.K	26
PSTAT+1762	proteomics_stat	761333	761395	+	2	36	K.NSTAMLTTFNEVNMKPIMDLR.K	25
PSTAT+1763	proteomics_stat	761396	761422	+	2	7	R.KQYGEAFEK.R	13
PSTAT+1764	proteomics_stat	761396	761425	+	2	4	R.KQYGEAFEKR.H	14
PSTAT+1765	proteomics_stat	761438	761464	+	2	3	R.LGFMSFYVK.A	13
PSTAT+1766	proteomics_stat	761489	761575	+	2	74	R.YPEVNASIDGDDVYHNYFDVSMVSTPR.G	33
PSTAT+1767	proteomics_stat	761600	761635	+	2	17	R.DVDTLGMADIEK.K	16
PSTAT+1768	proteomics_stat	761600	761638	+	2	3	R.DVDTLGMADIEKK.I	17
PSTAT+1769	proteomics_stat	761675	761800	+	2	31	K.LTVEDLTGGNFTITNGGVFGSLMSTPIINPPQSAILGMHAIK.D	46
PSTAT+1770	proteomics_stat	761801	761875	+	2	35	K.DRPMVAVNGQVEILPMMYLALSYDHR.L	29
PSTAT+1771	proteomics_stat	761801	761857	+	2	2	K.DRPMVAVNGQVEILPMMYLA.L	23
PSTAT+1772	proteomics_stat	762237	762263	+	3	21	H.MNLHEYQAK.Q	13
PSTAT+1773	proteomics_stat	762279	762323	+	3	12	R.YGLPAPVGYACTTPR.E	19
PSTAT+1774	proteomics_stat	762348	762374	+	3	2	K.IGAGPWVVK.C	13
PSTAT+1775	proteomics_stat	762447	762476	+	3	3	R.AFAENWLGKR.L	14
PSTAT+1776	proteomics_stat	762447	762473	+	3	3	R.AFAENWLGK.R	13
PSTAT+1777	proteomics_stat	762450	762473	+	3	2	A.FAENWLGK.R	12
PSTAT+1778	proteomics_stat	762450	762476	+	3	2	A.FAENWLGK.L	13
PSTAT+1779	proteomics_stat	762474	762554	+	3	5	K.RLVTYQTDANGQPVNQILVEAATDIAK.E	31
PSTAT+1780	proteomics_stat	762477	762584	+	3	5	R.LVTYQTDANGQPVNQILVEAATDIAKELYLGAVVDR.S	40
PSTAT+1781	proteomics_stat	762477	762554	+	3	20	R.LVTYQTDANGQPVNQILVEAATDIAK.E	30
PSTAT+1782	proteomics_stat	762498	762554	+	3	4	D.ANGQPVNQILVEAATDIAK.E	23
PSTAT+1783	proteomics_stat	762555	762584	+	3	3	K.ELYLGAVVDR.S	14
PSTAT+1784	proteomics_stat	762597	762641	+	3	23	R.VVFMASTEGGVEIEK.V	19

PSTAT+1785	proteomics_stat	762642	762674	+	3	12	K.VAEETPHLIHK.V	15
PSTAT+1786	proteomics_stat	762675	762719	+	3	10	K.VALDPLTGMPYQGR.E	19
PSTAT+1787	proteomics_stat	762678	762719	+	3	2	V.ALDPLTGMPYQGR.E	18
PSTAT+1788	proteomics_stat	762687	762719	+	3	2	D.PLTGMPYQGR.E	15
PSTAT+1789	proteomics_stat	762774	762809	+	3	4	K.IFMGLATIFLER.D	16
PSTAT+1790	proteomics_stat	762810	762851	+	3	8	R.DLALIEINPLVITK.Q	18
PSTAT+1791	proteomics_stat	762852	762881	+	3	3	K.QGDLICLDGK.L	14
PSTAT+1792	proteomics_stat	762882	762911	+	3	4	K.LGADGNALFR.Q	14
PSTAT+1793	proteomics_stat	762885	762911	+	3	2	L.GADGNALFR.Q	13
PSTAT+1794	proteomics_stat	762936	762959	+	3	4	R.DQSQEDPR.E	12
PSTAT+1795	proteomics_stat	762960	763067	+	3	6	R.EAQAAQWELNYVALDGNIGCMVNGAGLAMGTMDIVK.L	40
PSTAT+1796	proteomics_stat	763068	763121	+	3	36	K.LHGGEANFLDVGGGATK.E	22
PSTAT+1797	proteomics_stat	763071	763121	+	3	2	L.HGGEANFLDVGGGATK.E	21
PSTAT+1798	proteomics_stat	763122	763145	+	3	2	K.ERVTEAFK.I	12
PSTAT+1799	proteomics_stat	763146	763172	+	3	8	K.IILSDDKVK.A	13
PSTAT+1800	proteomics_stat	763173	763208	+	3	7	K.AVLVNIFGGIVR.C	16
PSTAT+1801	proteomics_stat	763281	763313	+	3	2	R.LEGNNAELGAK.K	15
PSTAT+1802	proteomics_stat	763281	763316	+	3	3	R.LEGNNAELGAKK.L	16
PSTAT+1803	proteomics_stat	763314	763352	+	3	16	K.KLADSGLNIIAAK.G	17
PSTAT+1804	proteomics_stat	763317	763352	+	3	4	K.LADSGLNIIAAK.G	16
PSTAT+1805	proteomics_stat	763353	763400	+	3	10	K.GLTDAAQVVAVEGK.-	20
PSTAT+1806	proteomics_stat	763406	763432	+	2	6	M.SILIDKNTK.V	13
PSTAT+1807	proteomics_stat	763433	763504	+	2	19	K.VICQGFTGSQGFHSEQAIAYGTK.M	28
PSTAT+1808	proteomics_stat	763451	763504	+	2	3	F.TGSQGFHSEQAIAYGTK.M	22
PSTAT+1809	proteomics_stat	763532	763576	+	2	29	K.GGTTHLGLPVFNTVR.E	19
PSTAT+1810	proteomics_stat	763577	763639	+	2	9	R.EAVAATGATASVIYVPAPFCK.D	25
PSTAT+1811	proteomics_stat	763640	763675	+	2	4	K.DSILEAIDAGIK.L	16
PSTAT+1812	proteomics_stat	763676	763729	+	2	43	K.LIITITEGIPTLDMLTVK.V	22
PSTAT+1813	proteomics_stat	763730	763756	+	2	10	K.VKLDEAGVR.M	13
PSTAT+1814	proteomics_stat	763733	763756	+	2	4	V.KLDEAGVR.M	12
PSTAT+1815	proteomics_stat	763757	763804	+	2	2	R.MIGPNCPGVITPGECK.I	20
PSTAT+1816	proteomics_stat	764072	764125	+	2	13	K.EHVTKPVVGVIAGVTAPK.G	22
PSTAT+1817	proteomics_stat	764072	764101	+	2	5	K.EHVTKPVVGVI	14
PSTAT+1818	proteomics_stat	764135	764170	+	2	10	R.MGHAGAIAGGK.G	16
PSTAT+1819	proteomics_stat	764171	764218	+	2	4	K.GTADEKFAALEAAGVK.T	20
PSTAT+1820	proteomics_stat	764189	764218	+	2	6	K.FAALEAAGVK.T	14
PSTAT+1821	proteomics_stat	764228	764257	+	2	6	R.SLADIGEALK.T	14
PSTAT+1822	proteomics_stat	764231	764257	+	2	4	S.LADIGEALK.T	13
PSTAT+1823	proteomics_stat	771176	771229	+	2	8	R.MEMVSFSELVLPVAQVK.F	22
PSTAT+1824	proteomics_stat	771437	771529	+	2	4	K.LAAIEAEWETQPAPAAFTLFGIPDQEEETNK.F	35
PSTAT+1825	proteomics_stat	771575	771604	+	2	2	R.SVDTPVIGLK.E	14
PSTAT+1826	proteomics_stat	771605	771631	+	2	7	K.ELMVQHEER.I	13
PSTAT+1827	proteomics_stat	771755	771811	+	2	2	K.RYTPNVADATEAQIQQATK.D	23
PSTAT+1828	proteomics_stat	771758	771811	+	2	3	R.YTPNVADATEAQIQQATK.D	22
PSTAT+1829	proteomics_stat	772205	772246	+	2	14	R.YHFESSTTTQPAR.-	18
PSTAT+1830	proteomics_stat	772961	773002	+	2	12	K.STMDHYAASNPLNK.E	18

PSTAT+1831	proteomics_stat	774260	774328	+	2	5	R.IVNAENTLLNEAEVLVVCVDPLK.M	27
PSTAT+1832	proteomics_stat	774568	774594	+	1	4	R.LYQESQGKR.D	13
PSTAT+1833	proteomics_stat	774568	774591	+	1	2	R.LYQESQGK.R	12
PSTAT+1834	proteomics_stat	774595	774639	+	1	3	R.DNLTGSEQIFYSGFK.E	19
PSTAT+1835	proteomics_stat	774661	774705	+	1	10	R.ANSHAPEAVVEGASR.A	19
PSTAT+1836	proteomics_stat	774970	775032	+	1	5	R.VNKLELNYDNFMEEFTAILHR.Q	25
PSTAT+1837	proteomics_stat	775438	775470	+	1	5	K.ALNLLHSAGVK.S	15
PSTAT+1838	proteomics_stat	775817	775849	+	2	2	K.EQQAEEELREK.Q	15
PSTAT+1839	proteomics_stat	776117	776146	+	2	2	K.KAEAAAAALK.K	14
PSTAT+1840	proteomics_stat	776150	776188	+	2	3	K.KAEAAEAAAPEAR.K	17
PSTAT+1841	proteomics_stat	776549	776599	+	2	2	K.NNGASGADINNYAGQIK.S	21
PSTAT+1842	proteomics_stat	776669	776752	+	2	2	K.LAPDGMLLDIKPEGGDPALCQAALAAK.L	32
PSTAT+1843	proteomics_stat	776762	776803	+	2	3	K.IPKPPSQAVYEVFK.N	18
PSTAT+1844	proteomics_stat	777035	777151	+	2	33	R.IVIDSGVDSGRPIGVVPFQWAGPGAAPEDIGGIVAADLR.N	43
PSTAT+1845	proteomics_stat	777152	777181	+	2	3	R.NSGKFNPLDR.A	14
PSTAT+1846	proteomics_stat	777389	777427	+	2	20	R.YAGHTASDEVFEK.L	17
PSTAT+1847	proteomics_stat	777392	777427	+	2	5	Y.AGHTASDEVFEK.L	16
PSTAT+1848	proteomics_stat	777461	777511	+	2	8	R.IAYVVQTNGGQFPYELR.V	21
PSTAT+1849	proteomics_stat	777464	777511	+	2	2	I.AYVVQTNGGQFPYELR.V	20
PSTAT+1850	proteomics_stat	777512	777553	+	2	10	R.VSDYDGYNQFVVHR.S	18
PSTAT+1851	proteomics_stat	777515	777553	+	2	2	V.SDYDGYNQFVVHR.S	17
PSTAT+1852	proteomics_stat	777554	777601	+	2	3	R.SPQPLMSPAWSPDGSK.L	20
PSTAT+1853	proteomics_stat	777602	777631	+	2	3	K.LAYVTFESGR.S	14
PSTAT+1854	proteomics_stat	777632	777673	+	2	7	R.SALVIQTLANGAVR.Q	18
PSTAT+1855	proteomics_stat	777695	777733	+	2	14	R.HNGAPAFSPDGSK.L	17
PSTAT+1856	proteomics_stat	777755	777805	+	2	71	K.TGSLNLYVMDLASGQIR.Q	21
PSTAT+1857	proteomics_stat	777911	777940	+	2	4	K.VNINGGAPQR.I	14
PSTAT+1858	proteomics_stat	777941	777994	+	2	20	R.ITWEGSQNQDADVSSDGK.F	22
PSTAT+1859	proteomics_stat	777950	777994	+	2	2	W.EGSQSQDADVSSDGK.F	19
PSTAT+1860	proteomics_stat	777995	778042	+	2	10	K.FMVMVSSNGGQQHIAK.Q	20
PSTAT+1861	proteomics_stat	778196	778228	+	2	5	K.ARLPATDGQVK.F	15
PSTAT+1862	proteomics_stat	778196	778252	+	2	3	K.ARLPATDGQVKFPAWSPYL.-	23
PSTAT+1863	proteomics_stat	778202	778228	+	2	2	R.LPATDGQVK.F	13
PSTAT+1864	proteomics_stat	778368	778466	+	3	8	K.NASNDGSEGMLGAGTGMDANGGNGNMSSEEQR.L	37
PSTAT+1865	proteomics_stat	778464	778532	+	3	4	A.RLQMQQLQQNNIVYFDLDKYDIR.S	27
PSTAT+1866	proteomics_stat	778467	778532	+	3	41	R.LQMQQLQQNNIVYFDLDKYDIR.S	26
PSTAT+1867	proteomics_stat	778533	778577	+	3	7	R.SDFAQMLDAHANFLR.S	19
PSTAT+1868	proteomics_stat	778596	778625	+	3	16	K.VTVEGHADER.G	14
PSTAT+1869	proteomics_stat	778626	778661	+	3	2	R.GTPEYNISLGER.R	16
PSTAT+1870	proteomics_stat	778680	778697	+	3	2	K.MYLQKG.G	10
PSTAT+1871	proteomics_stat	778698	778739	+	3	10	K.GVSADQISIVSYGK.E	18
PSTAT+1872	proteomics_stat	778740	778784	+	3	20	K.EKPAVLGHDEAAYSK.N	19
PSTAT+1873	proteomics_stat	778962	779042	+	3	8	R.ISNAHSQLLTQLQQQLSDNQSDIDSLR.G	31
PSTAT+1874	proteomics_stat	779043	779090	+	3	3	R.GQIQENQYQLNQVVER.Q	20
PSTAT+1875	proteomics_stat	779235	779288	+	3	3	K.SGNANTDYNAIALVQDK.S	22
PSTAT+1876	proteomics_stat	779289	779333	+	3	6	K.SRQDDAMVAFQNFQIK.N	19

PSTAT+1877	proteomics_stat	779334	779399	+	3	2	K.NYPDSTYLPNANYWLGQLNYNK.G	26
PSTAT+1878	proteomics_stat	779400	779444	+	3	3	K.GKKDDAAYFASVVK.N	19
PSTAT+1879	proteomics_stat	779406	779444	+	3	7	K.KDDAAYFASVVK.N	17
PSTAT+1880	proteomics_stat	779409	779444	+	3	2	K.DDAAYFASVVK.N	16
PSTAT+1881	proteomics_stat	779487	779525	+	3	7	K.VGVIMQDKGD TAK.A	17
PSTAT+1882	proteomics_stat	779532	779558	+	3	2	K.AVYQQVISK.Y	13
PSTAT+1883	proteomics_stat	784856	784882	+	2	4	D.MNYQNDDL R.I	13
PSTAT+1884	proteomics_stat	784898	784930	+	2	2	K.ELLPPVALLEK.F	15
PSTAT+1885	proteomics_stat	784898	784975	+	2	12	K.ELLPPVALLEKFPATENAANTVAHAR.K	30
PSTAT+1886	proteomics_stat	784931	784975	+	2	29	K.FPATENAANTVAHAR.K	19
PSTAT+1887	proteomics_stat	785015	785065	+	2	4	R.LLVVIGPCSIHDPVAAK.E	21
PSTAT+1888	proteomics_stat	785096	785131	+	2	4	R.EELKDELEIVMR.V	16
PSTAT+1889	proteomics_stat	785132	785152	+	2	4	R.VYFEKPR.T	11
PSTAT+1890	proteomics_stat	785132	785152	+	2	4	R.VYFEKPR.T	11
PSTAT+1891	proteomics_stat	785135	785152	+	2	2	V.YFEKPR.T	10
PSTAT+1892	proteomics_stat	785135	785152	+	2	2	V.YFEKPR.T	10
PSTAT+1893	proteomics_stat	785135	785152	+	2	2	V.YFEKPR.T	10
PSTAT+1894	proteomics_stat	785171	785227	+	2	8	K.GLINDPHMDSNFQINDGLR.I	23
PSTAT+1895	proteomics_stat	785237	785290	+	2	2	R.KLLLDINDSGLPAAGEFL.D	22
PSTAT+1896	proteomics_stat	785375	785413	+	2	5	R.ELASGLSCPVGFK.N	17
PSTAT+1897	proteomics_stat	785378	785413	+	2	2	E.LASGLSCPVGFK.N	16
PSTAT+1898	proteomics_stat	785438	785497	+	2	11	K.VAIDAINAAGAPHCFLSVTK.W	24
PSTAT+1899	proteomics_stat	785507	785557	+	2	4	H.SAIVNTSGNGDCHIILR.G	21
PSTAT+1900	proteomics_stat	785621	785674	+	2	11	K.AGLPAQVMIDFSHANSSK.Q	22
PSTAT+1901	proteomics_stat	785738	785821	+	2	29	K.AIIGVMVESHLVEGNQSLESGEPLAYGK.S	32
PSTAT+1902	proteomics_stat	785822	785872	+	2	13	K.SITDACIGWEDTDALLR.Q	21
PSTAT+1903	proteomics_stat	785825	785872	+	2	2	S.ITDACIGWEDTDALLR.Q	20
PSTAT+1904	proteomics_stat	796200	796265	+	3	2	R.ALLTAPELLLLDEPLASLDIPR.K	26
PSTAT+1905	proteomics_stat	798139	798225	+	1	3	R.LEDGLPVGVDVVEGLDGCHSANISPDNR.T	33
PSTAT+1906	proteomics_stat	798259	798345	+	1	4	R.ICLFTVSDDGHLVAQDPAEVTTVEGAGPR.H	33
PSTAT+1907	proteomics_stat	798427	798495	+	1	2	K.DPHGNIECVQTLDMMPENFS DTR.W	27
PSTAT+1908	proteomics_stat	798496	798531	+	1	2	R.WAADIHITPDGR.H	16
PSTAT+1909	proteomics_stat	798499	798531	+	1	2	W.AADIHITPDGR.H	15
PSTAT+1910	proteomics_stat	798553	798609	+	1	5	R.TASLITVFSVSEDG SVLSK.E	23
PSTAT+1911	proteomics_stat	798610	798642	+	1	3	K.EGFQPTETQPR.G	15
PSTAT+1912	proteomics_stat	798643	798669	+	1	6	R.GFNVDHSGK.Y	13
PSTAT+1913	proteomics_stat	798670	798693	+	1	3	K.YLIAAGQK.S	12
PSTAT+1914	proteomics_stat	798694	798750	+	1	11	K.SHHISVYEIVGEQGLLHEK.G	23
PSTAT+1915	proteomics_stat	798751	798801	+	1	2	K.GRYAVGQGP MWVVVNAH.-	21
PSTAT+1916	proteomics_stat	798757	798801	+	1	5	R.YAVGQGP MWVVVNAH.-	19
PSTAT+1917	proteomics_stat	809125	809229	+	1	2	K.VCSGGIVGLGETVKDRAGLLQLANLPTPPESVPI.N	39
PSTAT+1918	proteomics_stat	809721	809783	+	3	3	R.QYLNFSNDYLGLSHHPQIIR.A	25
PSTAT+1919	proteomics_stat	809994	810047	+	3	2	R.LSHASLLEAASLSPSQR.R	22
PSTAT+1920	proteomics_stat	810513	810593	+	3	2	R.AGVQDLPFTLADSCSAIQPLIVG DNSR.A	31
PSTAT+1921	proteomics_stat	811592	811630	+	2	8	R.TAGYKPVASGSEK.T	17
PSTAT+1922	proteomics_stat	812045	812074	+	2	5	R.HAEYMTTLTR.M	14

PSTAT+1923	proteomics_stat	812075	812146	+	2	7	R.MIPAPLLGEIPWLAENPENAATGK.Y	28
PSTAT+1924	proteomics_stat	812767	812814	+	1	4	K.LNSAFKPSGDQPEAIR.R	20
PSTAT+1925	proteomics_stat	812767	812817	+	1	2	K.LNSAFKPSGDQPEAIRR.L	21
PSTAT+1926	proteomics_stat	812815	812883	+	1	4	R.RLEEGLEDGLAHQTLLGVTGSGK.T	27
PSTAT+1927	proteomics_stat	812884	812949	+	1	2	K.TFTIANVIADLQRPTMVLAPNK.T	26
PSTAT+1928	proteomics_stat	813418	813468	+	1	5	R.LSLFDPLTGQIVSTIPR.F	21
PSTAT+1929	proteomics_stat	813697	813804	+	1	5	R.GPGEPPPTLFDYLPADGLLVDESHVTIPQIGGMYR.G	40
PSTAT+1930	proteomics_stat	814120	814164	+	1	3	R.MAEDLTEYLEEHGER.V	19
PSTAT+1931	proteomics_stat	814171	814203	+	1	2	R.YLHSDIDTVER.M	15
PSTAT+1932	proteomics_stat	814480	814521	+	1	3	K.YNEEHGITPQGLNK.K	18
PSTAT+1933	proteomics_stat	814726	814746	+	1	2	R.DQLHQLR.E	11
PSTAT+1934	proteomics_stat	817119	817163	+	3	3	R.DLLEDDTQQQALEAR.I	19
PSTAT+1935	proteomics_stat	817281	817313	+	3	4	M.SQVSTEFIPTR.I	15
PSTAT+1936	proteomics_stat	817341	817379	+	3	19	R.RGEEDDTSGHYLR.D	17
PSTAT+1937	proteomics_stat	817380	817418	+	3	20	R.DSAQEAGHHVVDK.A	17
PSTAT+1938	proteomics_stat	817569	817598	+	3	2	R.EVEGFGEVFR.M	14
PSTAT+1939	proteomics_stat	817599	817643	+	3	9	R.MLSFEEIGTSTLQSR.A	19
PSTAT+1940	proteomics_stat	817668	817700	+	3	3	K.TLIFAMPGSTK.A	15
PSTAT+1941	proteomics_stat	817710	817751	+	3	2	R.TAWENIAPQLDAR.T	18
PSTAT+1942	proteomics_stat	817796	817855	+	2	9	M.SQLTHINAAGEAHMVDVSAK.A	24
PSTAT+1943	proteomics_stat	817997	818041	+	2	2	R.TWDLIPLCHPLMSK.V	19
PSTAT+1944	proteomics_stat	818042	818080	+	2	4	K.VEVNLQAEPEHNR.V	17
PSTAT+1945	proteomics_stat	818593	818628	+	1	5	R.DEDGAVVTFTGK.V	16
PSTAT+1946	proteomics_stat	818635	818700	+	1	8	R.NHNLGDSVNALTLEHYPMTEK.A	26
PSTAT+1947	proteomics_stat	818830	818874	+	1	6	R.SSAFEAGQFIMDYLK.T	19
PSTAT+1948	proteomics_stat	830212	830247	+	1	2	R.DLMASAQTGTGK.T	16
PSTAT+1949	proteomics_stat	834549	834620	+	3	2	R.GLYAHMLNGEVPDLELGGVLIAR.I	28
PSTAT+1950	proteomics_stat	834621	834686	+	3	17	R.IKGEGEAEMLGFYEAMQNHTIK.L	26
PSTAT+1951	proteomics_stat	834687	834746	+	3	4	K.LTPPAGKPMPIVPSYNGAR.K	24
PSTAT+1952	proteomics_stat	834747	834791	+	3	4	R.KQANLTPLLAILLHK.L	19
PSTAT+1953	proteomics_stat	834750	834791	+	3	2	K.QANLTPLLAILLHK.L	18
PSTAT+1954	proteomics_stat	834792	834839	+	3	3	K.LGFPVVVHGVSEDPTR.V	20
PSTAT+1955	proteomics_stat	834840	834911	+	3	23	R.VLTETIFELMGITPTLHGGQAQAK.L	28
PSTAT+1956	proteomics_stat	834912	834971	+	3	8	K.LDEHQPVFMPVGAFCPPLEK.Q	24
PSTAT+1957	proteomics_stat	835029	835064	+	3	3	K.LATPFAEGEALR.L	16
PSTAT+1958	proteomics_stat	835065	835100	+	3	8	R.LSSVSHPEYIGR.V	16
PSTAT+1959	proteomics_stat	835134	835184	+	3	6	R.ALLMHGTEGEVYANPQR.C	21
PSTAT+1960	proteomics_stat	835239	835277	+	3	4	K.QDTAGSELLPQAK.D	17
PSTAT+1961	proteomics_stat	835592	835636	+	2	10	R.FDAQTLHSFIQAVFR.Q	19
PSTAT+1962	proteomics_stat	835637	835666	+	2	2	R.QMGSEEQEAK.L	14
PSTAT+1963	proteomics_stat	835667	835747	+	2	31	K.LVADHLIAANLAGHDSHGIGMIPSYVR.S	31
PSTAT+1964	proteomics_stat	835670	835747	+	2	2	L.VADHLIAANLAGHDSHGIGMIPSYVR.S	30
PSTAT+1965	proteomics_stat	835748	835783	+	2	2	R.SWSQGHLLQINHH.A	16
PSTAT+1966	proteomics_stat	835799	835834	+	2	9	K.EAGAAVTLDGDR.A	16
PSTAT+1967	proteomics_stat	835835	835885	+	2	68	R.AFGQVAAHEAMALGIEK.A	21
PSTAT+1968	proteomics_stat	836051	836086	+	2	6	R.FGTNPFVVFPR.K	16

PSTAT+1969	proteomics_stat	836087	836143	+	2	66	R.KDNFPLLLDYATSAIAFGK.T	23
PSTAT+1970	proteomics_stat	836090	836143	+	2	4	K.DNFPLLLDYATSAIAFGK.T	22
PSTAT+1971	proteomics_stat	836165	836278	+	2	3	K.GVPVPPGCLIDVNGVPTTNPVAVMQESPLGSLLTFAEHK.G	42
PSTAT+1972	proteomics_stat	836279	836335	+	2	21	K.GYALAAMCEILGGALSGGK.T	23
PSTAT+1973	proteomics_stat	836471	836533	+	2	6	K.ASPHDDDKPILLPGEWEVNTR.R	25
PSTAT+1974	proteomics_stat	836471	836536	+	2	3	K.ASPHDDDKPILLPGEWEVNTRR.E	26
PSTAT+1975	proteomics_stat	836549	836602	+	2	5	K.QGIPLDAGSWQAICDAAR.Q	22
PSTAT+1976	proteomics_stat	849742	849801	+	1	2	A.ATSTVTGGYAQSDAQGMNK.M	24
PSTAT+1977	proteomics_stat	849823	849885	+	1	2	K.YRYEEDNSPLGVIGSFTYTEK.S	25
PSTAT+1978	proteomics_stat	849892	849957	+	1	2	R.TASSGDYNKNQYYGITAGPAYR.I	26
PSTAT+1979	proteomics_stat	852790	852843	+	1	2	R.DAEGMEHHVSEETLDAFR.L	22
PSTAT+1980	proteomics_stat	855321	855380	+	3	2	K.ILGGDLEPTLGNVSLDPNER.I	24
PSTAT+1981	proteomics_stat	855552	855587	+	3	2	K.YGEMDGYSAEAR.A	16
PSTAT+1982	proteomics_stat	855675	855761	+	3	6	R.VLLAQALFADPDILLDEPTNNLDIDTIR.W	33
PSTAT+1983	proteomics_stat	856458	856496	+	3	2	R.LLFSQDDIKKPAK.V	17
PSTAT+1984	proteomics_stat	856518	856616	+	3	2	K.GRMLFGKLMQKPNILIMDEPTNHLDMESIESL.N	37
PSTAT+1985	proteomics_stat	862973	863029	+	2	3	K.KPLDVVLPQLHEAMGGQGR.L	23
PSTAT+1986	proteomics_stat	863030	863086	+	2	2	R.LFAQVMATTAEGMVNDALK.L	23
PSTAT+1987	proteomics_stat	863165	863266	+	2	2	K.AEGIPTLTAVYGAQGLLSALAGAAYVAPYVNR.I	38
PSTAT+1988	proteomics_stat	863267	863326	+	2	2	R.IDAQGGSGIQTVDLHLQLLK.M	24
PSTAT+1989	proteomics_stat	865914	865964	+	3	4	K.MLEAGESALDVVTEAVR.L	21
PSTAT+1990	proteomics_stat	865965	866018	+	3	3	R.LLEECPLFNAGIGAVFTR.D	22
PSTAT+1991	proteomics_stat	866070	866102	+	3	4	K.AGAVAGVSHLR.N	15
PSTAT+1992	proteomics_stat	866124	866192	+	3	3	R.LVMEQSPHVMMIGEGAENFAFAR.G	27
PSTAT+1993	proteomics_stat	866262	866312	+	3	5	R.KEGATVLDHSGAPLDEK.Q	21
PSTAT+1994	proteomics_stat	866265	866312	+	3	2	K.EGATVLDHSGAPLDEK.Q	20
PSTAT+1995	proteomics_stat	867049	867138	+	1	5	R.GADMAMIFQEPMTSLNPVFTVGEQIAESIR.L	34
PSTAT+1996	proteomics_stat	867598	867633	+	1	3	R.RFPLISLEHPAK.Q	16
PSTAT+1997	proteomics_stat	868426	868464	+	1	3	R.KLLAAVPVAEPSR.Q	17
PSTAT+1998	proteomics_stat	868718	868801	+	2	2	K.DVVAVGVSNTTLDPYDANDTLSQAVAK.S	32
PSTAT+1999	proteomics_stat	868802	868843	+	2	2	K.SFYQGLFGLDKEMK.L	18
PSTAT+2000	proteomics_stat	868925	868963	+	2	2	K.FQDGTDFNAAAVK.A	17
PSTAT+2001	proteomics_stat	869066	869152	+	2	5	K.ITLKQPFSAFINILAHPATAMISPAALEK.Y	33
PSTAT+2002	proteomics_stat	869078	869152	+	2	4	K.QPFSAFINILAHPATAMISPAALEK.Y	29
PSTAT+2003	proteomics_stat	869321	869395	+	2	3	R.AAMLQTGEAQFAFPIPYEQATLLEK.N	29
PSTAT+2004	proteomics_stat	869402	869440	+	2	3	K.NIELMASPSIMQR.Y	17
PSTAT+2005	proteomics_stat	869441	869485	+	2	2	R.YISMNVTQKPFDPNK.V	19
PSTAT+2006	proteomics_stat	869492	869533	+	2	2	R.EALNYAINRPALVK.V	18
PSTAT+2007	proteomics_stat	869651	869719	+	2	4	K.EAGYPNGFSTTLWSSHNHSTAQK.V	27
PSTAT+2008	proteomics_stat	869720	869764	+	2	4	K.VLQFTQQQLAQVGIK.A	19
PSTAT+2009	proteomics_stat	872553	872609	+	3	2	K.IVVYHQEQVNGPLVDESGR.V	23
PSTAT+2010	proteomics_stat	874245	874289	+	3	2	R.ISIDDFGTGLSNLKR.F	19
PSTAT+2011	proteomics_stat	875104	875142	+	1	4	K.NGKPVGTGDEYNAK.N	17
PSTAT+2012	proteomics_stat	875344	875373	+	1	3	K.EAIINNHFER.V	14
PSTAT+2013	proteomics_stat	875374	875418	+	1	2	R.VLDGGLFFSAADVKK.L	19
PSTAT+2014	proteomics_stat	875419	875463	+	1	2	K.LYSMYNSAFLDDLTK.A	19

PSTAT+2015	proteomics_stat	875554	875604	+	1	3	K.NINDTFGHLLGDEVLMK.V	21
PSTAT+2016	proteomics_stat	880031	880069	+	2	9	A.AEQTV EAPSV DAR.A	17
PSTAT+2017	proteomics_stat	880103	880156	+	2	3	K.VLAEGNADEKLD PASLTK.I	22
PSTAT+2018	proteomics_stat	880103	880132	+	2	3	K.VLAEGNADEK.L	14
PSTAT+2019	proteomics_stat	880136	880156	+	2	2	R.DPASLTK.M	11
PSTAT+2020	proteomics_stat	880136	880156	+	2	2	R.DPASLTK.M	11
PSTAT+2021	proteomics_stat	880157	880192	+	2	5	K.IMTSYVVGQALK.A	16
PSTAT+2022	proteomics_stat	880208	880234	+	2	2	K.LTDMVTVGK.D	13
PSTAT+2023	proteomics_stat	880235	880267	+	2	2	K.DAWATGNPALR.G	15
PSTAT+2024	proteomics_stat	880268	880327	+	2	10	R.GSSVMFLKPGDQVSVADLNK.G	24
PSTAT+2025	proteomics_stat	880328	880429	+	2	8	K.GVIIQSGNDACIALADYVAGSQESFIGLMNGYAK.K	38
PSTAT+2026	proteomics_stat	880430	880504	+	2	19	K.KLGLTNTTTFQTVHGLDAPGQFSTAR.D	29
PSTAT+2027	proteomics_stat	880433	880504	+	2	8	K.LGLTNTTTFQTVHGLDAPGQFSTAR.D	28
PSTAT+2028	proteomics_stat	880526	880567	+	2	16	K.ALIHDVPEEYAIHK.E	18
PSTAT+2029	proteomics_stat	880568	880591	+	2	4	K.EKEFTFNK.I	12
PSTAT+2030	proteomics_stat	880616	880654	+	2	3	R.LLWSSNLNVDGMK.T	17
PSTAT+2031	proteomics_stat	880655	880717	+	2	5	K.TGTTAGAGYNLVASATQGDMR.L	25
PSTAT+2032	proteomics_stat	880799	880852	+	2	6	R.FFETVTPIKPDATFVTQR.V	22
PSTAT+2033	proteomics_stat	880871	880921	+	2	2	K.SEVNLGAGEAGSVTIPR.G	21
PSTAT+2034	proteomics_stat	880943	880990	+	2	9	K.ASYLTLEPQLTAPLKK.G	20
PSTAT+2035	proteomics_stat	890407	890442	+	1	3	I.MTPTIELICGHR.S	16
PSTAT+2036	proteomics_stat	890452	890487	+	1	7	R.HFTDEPISEAQR.E	16
PSTAT+2037	proteomics_stat	890512	890556	+	1	3	R.ATSSSSFLQCSSIIR.I	19
PSTAT+2038	proteomics_stat	890569	890610	+	1	5	K.ALREELVTLTGGQK.H	18
PSTAT+2039	proteomics_stat	890914	890964	+	1	5	R.LPASILVHENSYPQLDK.G	21
PSTAT+2040	proteomics_stat	890965	891015	+	1	5	K.GALAQYDEQLAEYYLTR.G	21
PSTAT+2041	proteomics_stat	891073	891108	+	1	4	K.ESRPFILDYLHK.Q	16
PSTAT+2042	proteomics_stat	893097	893159	+	3	4	K.TLHIYNWSDYIAPDTVANFEK.E	25
PSTAT+2043	proteomics_stat	893175	893219	+	3	5	K.VVYDVFDSNEVLEGGK.L	19
PSTAT+2044	proteomics_stat	893220	893279	+	3	4	K.LMAGSTGFDLVVPASFLER.Q	24
PSTAT+2045	proteomics_stat	893280	893315	+	3	2	R.QLTAGVFQPLDK.S	16
PSTAT+2046	proteomics_stat	893391	893444	+	3	5	K.FAMPYMWATTGIGYNVDK.V	22
PSTAT+2047	proteomics_stat	893451	893519	+	3	3	K.AVLGENAPVDSWDLILKPENLEK.L	27
PSTAT+2048	proteomics_stat	893526	893612	+	3	23	K.SCGVSFLDAPEEVFATVLNLYLGKDPNSTK.A	33
PSTAT+2049	proteomics_stat	893613	893654	+	3	2	K.ADDYTGPATDLLLK.L	18
PSTAT+2050	proteomics_stat	893817	893867	+	3	30	K.EGAMAFFDVFAMPADAK.N	21
PSTAT+2051	proteomics_stat	893868	893927	+	3	4	K.NKDEAYQFLNLYLLRPDVVAH.I	24
PSTAT+2052	proteomics_stat	893928	893963	+	3	2	H.ISDHVFYANANK.A	16
PSTAT+2053	proteomics_stat	903990	904025	+	3	4	R.EIAFEELGSQAR.A	16
PSTAT+2054	proteomics_stat	904532	904585	+	2	4	K.YFAPFEPAQIQALIPLAK.D	22
PSTAT+2055	proteomics_stat	916080	916139	+	3	2	R.SFLDKDGHPIIDVEDINDQAR.H	24
PSTAT+2056	proteomics_stat	916269	916313	+	3	5	R.ELSSHQPQLNSDGGQIR.Q	19
PSTAT+2057	proteomics_stat	917070	917132	+	3	3	R.EAEREHLTALPALDMEHFMYR.Q	25
PSTAT+2058	proteomics_stat	918237	918311	+	3	3	L.RKSDRLLRDSGDKVRSVSCDIFMK.S	29
PSTAT+2059	proteomics_stat	918875	918925	+	2	2	K.AVSQQDLDTAATEMAVK.Q	21
PSTAT+2060	proteomics_stat	919136	919183	+	2	2	K.AQVSEADV IHLKPGQK.A	20

PSTAT+2061	proteomics_stat	919514	919570	+	2	3	K.GLEAGDEVVIGEAKPGAAQ.-	23
PSTAT+2062	proteomics_stat	919852	919923	+	1	2	R.YHLLSHLTAEQNVEVPAVYAGLER.K	28
PSTAT+2063	proteomics_stat	920149	920205	+	1	4	R.GHTVIIVTHDPQVAAQAER.V	23
PSTAT+2064	proteomics_stat	920524	920565	+	1	3	K.DFGDDDPYQQALK.Y	18
PSTAT+2065	proteomics_stat	920593	920640	+	1	2	K.QPWVASATPAVSQNL.R.L	20
PSTAT+2066	proteomics_stat	922880	922915	+	2	4	R.LDVVNFISHGTR.K	16
PSTAT+2067	proteomics_stat	922919	922990	+	2	7	K.DEPTQSSDPGSQPNSEEQAGGEER.M	28
PSTAT+2068	proteomics_stat	922991	923029	+	2	2	R.MENFTTNLNLQLAR.V	17
PSTAT+2069	proteomics_stat	923108	923146	+	2	2	K.NNPLLVGESGVGK.T	17
PSTAT+2070	proteomics_stat	923177	923260	+	2	8	R.IVQGDVPEVMADCTIYSLDIGSLLAGTK.Y	32
PSTAT+2071	proteomics_stat	923438	923485	+	2	4	R.VIGSTTYQEFSNIFEK.D	20
PSTAT+2072	proteomics_stat	923516	923578	+	2	2	K.IDITEPSIEETVQIINGLKP.K.Y	25
PSTAT+2073	proteomics_stat	923678	923710	+	2	2	K.AIDVIDEAGAR.A	15
PSTAT+2074	proteomics_stat	923744	923782	+	2	2	K.TVNVADIESVVAR.I	17
PSTAT+2075	proteomics_stat	923804	923836	+	2	3	K.SVSQSDRDTLK.N	15
PSTAT+2076	proteomics_stat	923921	923989	+	2	9	R.AGLGHEHKPVGSFLFAGPTGVGK.T	27
PSTAT+2077	proteomics_stat	924083	924151	+	2	3	R.LIGAPPGYVGFQGGLLTDAVIK.H	27
PSTAT+2078	proteomics_stat	924152	924190	+	2	4	K.HPHAVLLLDEIEK.A	17
PSTAT+2079	proteomics_stat	924191	924262	+	2	7	K.AHPDVFNILLQVMDNGTLTDNNGR.K	28
PSTAT+2080	proteomics_stat	924626	924703	+	2	4	K.KPLANELLFGSLVDGGQVTVALDKEK.N	30
PSTAT+2081	proteomics_stat	924653	924739	+	2	5	F.GSLVDGGQVTVALDKEKNELTGFGQSAQK.H	33
PSTAT+2082	proteomics_stat	931869	931892	+	3	2	R.NILNELQK.D	12
PSTAT+2083	proteomics_stat	931902	931925	+	3	4	R.ISNVELSK.R	12
PSTAT+2084	proteomics_stat	931902	931928	+	3	6	R.ISNVELSKR.V	13
PSTAT+2085	proteomics_stat	931926	931961	+	3	4	K.RVGLSPTPCLER.V	16
PSTAT+2086	proteomics_stat	931929	931961	+	3	3	R.VGLSPTPCLER.V	15
PSTAT+2087	proteomics_stat	932070	932114	+	3	6	R.GAPDVFEQFNTAVQK.L	19
PSTAT+2088	proteomics_stat	932115	932171	+	3	23	K.LEEIQECHLVSGDFDYLLK.T	23
PSTAT+2089	proteomics_stat	932172	932201	+	3	10	K.TRVPDMSAYR.K	14
PSTAT+2090	proteomics_stat	932178	932201	+	3	3	R.VPDMSAYR.K	12
PSTAT+2091	proteomics_stat	932202	932228	+	3	5	R.KLLGETLLR.L	13
PSTAT+2092	proteomics_stat	932205	932228	+	3	5	K.LLGETLLR.L	12
PSTAT+2093	proteomics_stat	932229	932252	+	3	2	R.LPGVNDTR.T	12
PSTAT+2094	proteomics_stat	932253	932279	+	3	4	R.TYVMEEVK.Q	13
PSTAT+2095	proteomics_stat	936081	936122	+	3	8	P.RCRYVSMVLLFAIR.K	18
PSTAT+2096	proteomics_stat	936694	936726	+	1	6	K.VSSFHASFTQK.V	15
PSTAT+2097	proteomics_stat	936727	936783	+	1	6	K.VTDGSGAAVQEGQGDWVK.R	23
PSTAT+2098	proteomics_stat	936784	936849	+	1	17	K.RPNLFNWHMTQPDESILVSDGK.T	26
PSTAT+2099	proteomics_stat	936943	936978	+	1	5	R.NQSSDWQYQYNIK.Q	16
PSTAT+2100	proteomics_stat	937057	937104	+	1	3	R.DGTIHQFSAVEQDDQR.S	20
PSTAT+2101	proteomics_stat	937156	937200	+	1	3	K.FTFTPPQGVTVDDQR.K	19
PSTAT+2102	proteomics_stat	937274	937345	+	2	3	R.MRPENLAQYIGQQHLLAAGKPLPR.A	28
PSTAT+2103	proteomics_stat	937346	937405	+	2	2	R.AIEAGHLHSMILWGPPGTGK.T	24
PSTAT+2104	proteomics_stat	937907	937948	+	2	2	R.VLKPELLTEIAGER.S	18
PSTAT+2105	proteomics_stat	938675	938701	+	2	2	R.NEPDAVAEK.L	13
PSTAT+2106	proteomics_stat	938714	938737	+	2	2	R.GFKLDVVK.L	12

PSTAT+2107	proteomics_stat	938723	938758	+	2	2	K.LDVDKLGALEER.R	16
PSTAT+2108	proteomics_stat	938780	938803	+	2	3	K.TENLQAEER.N	12
PSTAT+2109	proteomics_stat	938837	938866	+	2	3	K.ARGEDIEPLR.L	14
PSTAT+2110	proteomics_stat	938837	938908	+	2	2	K.ARGEDIEPLRLEVKNLGEELDAAK.A	28
PSTAT+2111	proteomics_stat	938837	938881	+	2	8	K.ARGEDIEPLRLEVKN.L	19
PSTAT+2112	proteomics_stat	938882	938908	+	2	4	K.LGEELDAAK.A	13
PSTAT+2113	proteomics_stat	938882	938941	+	2	4	K.LGEELDAAKAELDALQAEIR.D	24
PSTAT+2114	proteomics_stat	938909	938941	+	2	3	K.AELDALQAEIR.D	15
PSTAT+2115	proteomics_stat	938942	939025	+	2	3	R.DIALTIPNLPADDEVVPGKDENDNVEVSR.W	32
PSTAT+2116	proteomics_stat	938942	938995	+	2	3	R.DIALTIPNLPADDEVVPGK.D	22
PSTAT+2117	proteomics_stat	938996	939025	+	2	3	K.DENDNVEVSR.W	14
PSTAT+2118	proteomics_stat	939062	939118	+	2	59	R.DHVTLGEMHSGLDFAAAVK.L	23
PSTAT+2119	proteomics_stat	939287	939391	+	2	8	K.FAGDLFHTRPLEEEADTSNYALIPTAEVPLTNLVR.G	39
PSTAT+2120	proteomics_stat	939392	939427	+	2	3	R.GEIIDEDDLPIK.M	16
PSTAT+2121	proteomics_stat	939500	939592	+	2	6	R.MHQFDKVMVQIVRPEDSMAALEEMTGHAEK.V	35
PSTAT+2122	proteomics_stat	939518	939592	+	2	4	K.VEMVQIVRPEDSMAALEEMTGHAEK.V	29
PSTAT+2123	proteomics_stat	939590	939622	+	2	4	E.KVLQLLGLPYR.K	15
PSTAT+2124	proteomics_stat	939593	939622	+	2	3	K.VLQLLGLPYR.K	14
PSTAT+2125	proteomics_stat	939593	939625	+	2	3	K.VLQLLGLPYR.K.I	15
PSTAT+2126	proteomics_stat	939668	939712	+	2	5	K.TYDLEVWIPAQNTYR.E	19
PSTAT+2127	proteomics_stat	939713	939754	+	2	2	R.EISSCSNVWDFQAR.R	18
PSTAT+2128	proteomics_stat	939800	939841	+	2	21	R.LVHTLNGSGLAVGR.T	18
PSTAT+2129	proteomics_stat	939842	939886	+	2	11	R.TLVAVMENYQQADGR.I	19
PSTAT+2130	proteomics_stat	939887	939940	+	2	8	R.IEVPEVLRPYMNGLEYIG.-	22
PSTAT+2131	proteomics_stat	948933	948977	+	3	3	R.HDSLTAHIADAIHQ.R.A	19
PSTAT+2132	proteomics_stat	956879	956935	+	2	39	M.AQIFNFSSGPAMLPAEVLK.Q	23
PSTAT+2133	proteomics_stat	956957	957001	+	2	13	R.DWNLGTSVMEVSHR.G	19
PSTAT+2134	proteomics_stat	956957	956998	+	2	3	R.DWNLGTSVMEVSH.R	18
PSTAT+2135	proteomics_stat	957002	957049	+	2	41	R.GKEFIQVAEEAEKDFR.D	20
PSTAT+2136	proteomics_stat	957002	957079	+	2	69	R.GKEFIQVAEEAEKDFRDLLNVPSNYK.V	30
PSTAT+2137	proteomics_stat	957002	957040	+	2	9	R.GKEFIQVAEEAEK.D	17
PSTAT+2138	proteomics_stat	957008	957079	+	2	9	K.EFIQVAEEAEKDFRDLLNVPSNYK.V	28
PSTAT+2139	proteomics_stat	957008	957049	+	2	7	K.EFIQVAEEAEKDFR.D	18
PSTAT+2140	proteomics_stat	957050	957079	+	2	7	R.DLLNVPSNYK.V	14
PSTAT+2141	proteomics_stat	957107	957199	+	2	43	R.GQFAAVPLNILGDKTTADYVDAGYWAASAIK.E	35
PSTAT+2142	proteomics_stat	957107	957148	+	2	8	R.GQFAAVPLNILGDK.T	18
PSTAT+2143	proteomics_stat	957149	957199	+	2	10	K.TTADYVDAGYWAASAIK.E	21
PSTAT+2144	proteomics_stat	957209	957241	+	2	28	K.KYCTPNVFDK.V	15
PSTAT+2145	proteomics_stat	957440	957469	+	2	7	R.YGVYAGAQAQK.N	14
PSTAT+2146	proteomics_stat	957470	957508	+	2	10	K.NIGPAGLTIVIVR.E	17
PSTAT+2147	proteomics_stat	957470	957526	+	2	45	K.NIGPAGLTIVIVREDLLGK.A	23
PSTAT+2148	proteomics_stat	957647	957691	+	2	14	K.ANGGVAEMDKINQQK.A	19
PSTAT+2149	proteomics_stat	957647	957676	+	2	3	K.ANGGVAEMDK.I	14
PSTAT+2150	proteomics_stat	957692	957736	+	2	83	K.AELLYGVIDNSDFYR.N	19
PSTAT+2151	proteomics_stat	957767	957814	+	2	2	R.MNVPFQLADSALDKLF.L	20
PSTAT+2152	proteomics_stat	957767	957853	+	2	309	R.MNVPFQLADSALDKLFLEESFAAGLHALK.G	33

PSTAT+2153	proteomics_stat	957809	957853	+	2	17	K.LFLEESFAAGLHALK.G	19
PSTAT+2154	proteomics_stat	957815	957853	+	2	2	F.LEESFAAGLHALK.G	17
PSTAT+2155	proteomics_stat	957881	957919	+	2	6	R.ASIYNAMPLEGVK.A	17
PSTAT+2156	proteomics_stat	957920	957952	+	2	10	K.ALTDFMVEFER.R	15
PSTAT+2157	proteomics_stat	958068	958100	+	3	2	R.VDGTINLPGSK.S	15
PSTAT+2158	proteomics_stat	958071	958100	+	3	2	V.DGTINLPGSK.S	14
PSTAT+2159	proteomics_stat	958116	958148	+	3	6	R.ALLLAALAHGK.T	15
PSTAT+2160	proteomics_stat	958149	958187	+	3	3	K.TVLTNLLDSDDVR.H	17
PSTAT+2161	proteomics_stat	958188	958244	+	3	17	R.HMLNALTALGVSYTLSADR.T	23
PSTAT+2162	proteomics_stat	958452	958490	+	3	4	K.ITYLEQENYPPLR.L	17
PSTAT+2163	proteomics_stat	958605	958661	+	3	8	R.IKGDVSKPYIDITLNLTK.T	23
PSTAT+2164	proteomics_stat	958662	958712	+	3	3	K.TFGVEIENQHYQQFVVK.G	21
PSTAT+2165	proteomics_stat	958713	958802	+	3	15	K.GGQSYQSPGYLVEGDASSASYFLAAAAIK.G	34
PSTAT+2166	proteomics_stat	958836	958859	+	3	2	R.NSMQGDIF.F	12
PSTAT+2167	proteomics_stat	958929	959012	+	3	26	R.GELNAIDMDMNHIPDAAMTIATAALFAK.G	32
PSTAT+2168	proteomics_stat	959094	959135	+	3	11	R.KVGAEVEEGHDYIR.I	18
PSTAT+2169	proteomics_stat	959097	959135	+	3	5	K.VGAEVEEGHDYIR.I	17
PSTAT+2170	proteomics_stat	959154	959192	+	3	3	K.LNFAEIATYNDHR.M	17
PSTAT+2171	proteomics_stat	959268	959300	+	3	2	K.TFPDYFEQLAR.I	15
PSTAT+2172	proteomics_stat	960493	960546	+	1	4	K.AMAEALQWHLLDGAIYR.V	22
PSTAT+2173	proteomics_stat	960700	960747	+	1	7	R.TQEVANAASQVAAPFR.V	20
PSTAT+2174	proteomics_stat	960787	960816	+	1	2	R.ELPGLIADGR.D	14
PSTAT+2175	proteomics_stat	960817	960855	+	1	2	R.DMGTVVFPDAPVK.I	17
PSTAT+2176	proteomics_stat	960988	961068	+	1	19	R.AVAPLVPAADALVLDSTTLSIEQVIEK.A	31
PSTAT+2177	proteomics_stat	961218	961292	+	3	61	N.MTESFAQLFEESLKEIETRPGSIVR.G	29
PSTAT+2178	proteomics_stat	961218	961259	+	3	17	N.MTESFAQLFEESLK.E	18
PSTAT+2179	proteomics_stat	961221	961292	+	3	47	M.TESFAQLFEESLKEIETRPGSIVR.G	28
PSTAT+2180	proteomics_stat	961221	961259	+	3	6	M.TESFAQLFEESLK.E	17
PSTAT+2181	proteomics_stat	961260	961292	+	3	2	K.EIETRPGSIVR.G	15
PSTAT+2182	proteomics_stat	961293	961346	+	3	94	R.GVVVAIDKDVVLVDAGLK.S	22
PSTAT+2183	proteomics_stat	961293	961379	+	3	79	R.GVVVAIDKDVVLVDAGLKSESAIPAEQFK.N	33
PSTAT+2184	proteomics_stat	961317	961346	+	3	2	K.DVVLVDAGLK.S	14
PSTAT+2185	proteomics_stat	961323	961379	+	3	7	V.VLVDAGLKSESAIPAEQFK.N	23
PSTAT+2186	proteomics_stat	961347	961379	+	3	3	K.SESAIPAEQFK.N	15
PSTAT+2187	proteomics_stat	961380	961475	+	3	237	K.NAQGELEIQVGDEVDVALDAVEDGFGETLLSR.E	36
PSTAT+2188	proteomics_stat	961488	961517	+	3	27	K.RHEAWITLKE.A	14
PSTAT+2189	proteomics_stat	961491	961517	+	3	11	R.HEAWITLKE.A	13
PSTAT+2190	proteomics_stat	961518	961562	+	3	30	K.AYEDAETVTGVINGK.V	19
PSTAT+2191	proteomics_stat	961524	961562	+	3	2	Y.EDAETVTGVINGK.V	17
PSTAT+2192	proteomics_stat	961563	961601	+	3	27	K.VKGGFTVELNGIR.A	17
PSTAT+2193	proteomics_stat	961566	961601	+	3	4	V.KGGFTVELNGIR.A	16
PSTAT+2194	proteomics_stat	961569	961601	+	3	9	K.GGFTVELNGIR.A	15
PSTAT+2195	proteomics_stat	961602	961643	+	3	8	R.AFLPGSLVDVRPVR.D	18
PSTAT+2196	proteomics_stat	961644	961667	+	3	4	R.DTLHLEGK.E	12
PSTAT+2197	proteomics_stat	961728	961805	+	3	15	R.RAVIESENSAERDQLLENLQEGMEVK.G	30
PSTAT+2198	proteomics_stat	961728	961763	+	3	12	R.RAVIESENSAER.D	16

PSTAT+2199	proteomics_stat	961728	961847	+	3	3	R.RAVIESENSAERDQLENLQEGMEVKGIVKNLTDYGAFVD.L	44
PSTAT+2200	proteomics_stat	961731	961805	+	3	30	R.AVIESENSAERDQLENLQEGMEVK.G	29
PSTAT+2201	proteomics_stat	961731	961763	+	3	7	R.AVIESENSAER.D	15
PSTAT+2202	proteomics_stat	961734	961763	+	3	2	A.VIESENSAER.D	14
PSTAT+2203	proteomics_stat	961764	961805	+	3	13	R.DQLENLQEGMEVK.G	18
PSTAT+2204	proteomics_stat	961818	961895	+	3	114	K.NLTDYGAFVDLGGVDGLLHITDMAWK.R	30
PSTAT+2205	proteomics_stat	961821	961895	+	3	2	N.LTDYGAFVDLGGVDGLLHITDMAWK.R	29
PSTAT+2206	proteomics_stat	961899	961949	+	3	38	R.VKHPSEIVNVGDEITVK.V	21
PSTAT+2207	proteomics_stat	961905	961949	+	3	23	K.HPSEIVNVGDEITVK.V	19
PSTAT+2208	proteomics_stat	961998	962033	+	3	2	K.QLGEDPWVAIAK.R	16
PSTAT+2209	proteomics_stat	962067	962159	+	3	91	R.VTNLTDYGCVFVEIEEGVEGLVHVSEMDWTNK.N	35
PSTAT+2210	proteomics_stat	962178	962234	+	3	479	K.VVNVGDVVEVMVLDIDEER.R	23
PSTAT+2211	proteomics_stat	962178	962240	+	3	2	K.VVNVGDVVEVMVLDIDEERRR.I	25
PSTAT+2212	proteomics_stat	962268	962327	+	3	4	K.ANPWQQFAETHNKGDRVEGK.I	24
PSTAT+2213	proteomics_stat	962268	962306	+	3	20	K.ANPWQQFAETHNK.G	17
PSTAT+2214	proteomics_stat	962448	962495	+	3	86	K.KGDEIAAVVLQVDAER.E	20
PSTAT+2215	proteomics_stat	962448	962501	+	3	24	K.KGDEIAAVVLQVDAERER.I	22
PSTAT+2216	proteomics_stat	962517	962564	+	3	9	V.KQLAEDPFNNWVALNK.K	20
PSTAT+2217	proteomics_stat	962520	962567	+	3	6	K.QLAEDPFNNWVALNKK.G	20
PSTAT+2218	proteomics_stat	962520	962564	+	3	7	K.QLAEDPFNNWVALNK.K	19
PSTAT+2219	proteomics_stat	962589	962609	+	3	4	K.VTAVDAK.G	11
PSTAT+2220	proteomics_stat	962610	962654	+	3	57	K.GATVELADGVEGYLR.A	19
PSTAT+2221	proteomics_stat	962673	962729	+	3	74	R.DRVEDATLVLSVGDEVEAK.F	23
PSTAT+2222	proteomics_stat	962679	962729	+	3	15	R.VEDATLVLSVGDEVEAK.F	21
PSTAT+2223	proteomics_stat	962778	962825	+	3	22	R.AKDEADEKDAIATVVK.Q	20
PSTAT+2224	proteomics_stat	962778	962873	+	3	27	R.AKDEADEKDAIATVVKQEDANFSNNAMAEAFK.A	36
PSTAT+2225	proteomics_stat	962802	962873	+	3	4	K.DAIATVVKQEDANFSNNAMAEAFK.A	28
PSTAT+2226	proteomics_stat	962802	962825	+	3	3	K.DAIATVVK.Q	12
PSTAT+2227	proteomics_stat	962826	962873	+	3	5	K.QEDANFSNNAMAEAFK.A	20
PSTAT+2228	proteomics_stat	963078	963110	+	3	14	R.LATQQSHIPAK.T	15
PSTAT+2229	proteomics_stat	963081	963110	+	3	4	L.ATQQSHIPAK.T	14
PSTAT+2230	proteomics_stat	963084	963110	+	3	3	A.TQQSHIPAK.T	13
PSTAT+2231	proteomics_stat	963111	963176	+	3	14	K.TVEDAVKEMLEHMASTLAQGER.I	26
PSTAT+2232	proteomics_stat	963132	963176	+	3	13	K.EMLEHMASTLAQGER.I	19
PSTAT+2233	proteomics_stat	963135	963176	+	3	3	E.MLEHMASTLAQGER.I	18
PSTAT+2234	proteomics_stat	963189	963218	+	3	5	R.GFGSFLHYR.A	14
PSTAT+2235	proteomics_stat	963246	963275	+	3	15	K.TGDKVELEGK.Y	14
PSTAT+2236	proteomics_stat	966426	966479	+	3	2	K.NMQNTMGQVTTSAEQMLK.G	22
PSTAT+2237	proteomics_stat	966774	966842	+	3	3	R.GMAACQLFTILDSEQEKDEGKR.V	27
PSTAT+2238	proteomics_stat	967092	967166	+	3	6	R.NQVALVSQNVHLFNDTVANNIAYAR.T	29
PSTAT+2239	proteomics_stat	967239	967301	+	3	2	K.MDNGLDVTIGENGVLSSGGQR.Q	25
PSTAT+2240	proteomics_stat	967335	967394	+	3	3	R.DSPILILDEATSALDTESEAR.A	24
PSTAT+2241	proteomics_stat	969986	970048	+	2	5	K.LDNLAFPLRDGIPVLLTEAR.V	25
PSTAT+2242	proteomics_stat	970049	970075	+	2	2	R.VLTADESKS.-	13
PSTAT+2243	proteomics_stat	970207	970242	+	1	3	R.IIVATDHEDVAR.A	16
PSTAT+2244	proteomics_stat	970330	970404	+	1	2	K.CAFSDDTVIVNVQGDPEMIPATIIR.Q	29

PSTAT+2245	proteomics_stat	970432	970503	+	1	3	R.QVGMATLAVPIHNAEEAFNPNAVK.V	28
PSTAT+2246	proteomics_stat	970735	970800	+	1	3	K.IHVAVAQEVPGTGVDPEDLER.V	26
PSTAT+2247	proteomics_stat	971188	971256	+	1	3	R.MPTIYGVMTHEEHPGPDVLLLER.M	27
PSTAT+2248	proteomics_stat	974247	974294	+	3	2	R.IQDATMTHDDLHFVDR.L	20
PSTAT+2249	proteomics_stat	974544	974606	+	3	2	R.DEEVTGELPEDLEYEEFNEIR.E	25
PSTAT+2250	proteomics_stat	974835	974861	+	3	2	K.VQAHVIDKY.-	13
PSTAT+2251	proteomics_stat	974884	974937	+	1	3	K.LAQALANPLFPALDSALR.S	22
PSTAT+2252	proteomics_stat	975169	975240	+	1	7	R.LANEGIFTQQELYDELLTLADEAK.L	28
PSTAT+2253	proteomics_stat	975463	975546	+	1	9	R.DGEAMPIENHLQLNDETEENQPDSGEEE.-	32
PSTAT+2254	proteomics_stat	975732	975767	+	3	2	R.NTTEAGATSGSR.D	16
PSTAT+2255	proteomics_stat	975795	975836	+	3	2	K.AGVCYSMLDTINSR.H	18
PSTAT+2256	proteomics_stat	975891	975977	+	3	10	R.KVDIKPFAIQGLPMSVQPTQLVTETLNER.Q	33
PSTAT+2257	proteomics_stat	975894	975977	+	3	4	K.VDIKPFQGLPMSVQPTQLVTETLNER.Q	32
PSTAT+2258	proteomics_stat	975987	976046	+	3	4	R.VLPLNELKDKLEAMEGVQFK.Q	24
PSTAT+2259	proteomics_stat	976329	976376	+	3	7	K.HLISEATNYVAADYMR.H	20
PSTAT+2260	proteomics_stat	976785	976823	+	3	2	R.AIQYNQAI AALNR.A	17
PSTAT+2261	proteomics_stat	977076	977105	+	3	8	R.HLAEQVQPLR.M	14
PSTAT+2262	proteomics_stat	977133	977159	+	3	4	R.LREQQEAER.L	13
PSTAT+2263	proteomics_stat	977169	977243	+	3	2	A.DFCKRQGNFIDIDELEALHQELEAR.I	29
PSTAT+2264	proteomics_stat	977193	977243	+	3	5	K.NFDIDELEALHQELEAR.I	21
PSTAT+2265	proteomics_stat	977244	977279	+	3	2	R.IASLSDSVSNAR.E	16
PSTAT+2266	proteomics_stat	977289	977327	+	3	4	R.MALRQEQLQSR.I	17
PSTAT+2267	proteomics_stat	977301	977327	+	3	2	R.QEQEQLQSR.I	13
PSTAT+2268	proteomics_stat	977469	977504	+	3	2	R.EAIVERDEVGAR.K	16
PSTAT+2269	proteomics_stat	977505	977534	+	3	4	R.KNAVDEEIER.L	14
PSTAT+2270	proteomics_stat	977589	977675	+	3	6	R.FGGVLLSEIYDDVSLEDAPYFSALYGPSR.H	33
PSTAT+2271	proteomics_stat	977907	977930	+	3	3	R.IESLHAER.E	12
PSTAT+2272	proteomics_stat	978009	978065	+	3	3	R.FIGSHLAVAFESDPEAEIR.Q	23
PSTAT+2273	proteomics_stat	978099	978137	+	3	3	R.ALSNHENDNQQR.I	17
PSTAT+2274	proteomics_stat	978246	978278	+	3	4	R.ERLDEAQEAAR.F	15
PSTAT+2275	proteomics_stat	978252	978278	+	3	3	R.LDEAQEAAR.F	13
PSTAT+2276	proteomics_stat	978411	978446	+	3	2	R.QQAFALTEVVQR.R	16
PSTAT+2277	proteomics_stat	978450	978512	+	3	3	R.AHFSYSDSAEMLSGNSDLNEK.L	25
PSTAT+2278	proteomics_stat	978573	978623	+	3	21	R.GHAAQLSQYNQVLASLK.S	21
PSTAT+2279	proteomics_stat	978732	978764	+	3	2	R.DELHAQLSNNR.S	15
PSTAT+2280	proteomics_stat	979023	979052	+	3	2	R.LAVADNEHLR.D	14
PSTAT+2281	proteomics_stat	979161	979211	+	3	2	R.TDDPVEAIEQMEIELSR.L	21
PSTAT+2282	proteomics_stat	979317	979370	+	3	3	R.MLNQGLQNVSFGQVNSVR.L	22
PSTAT+2283	proteomics_stat	980495	980572	+	2	2	R.TQIESQLPAGYKPVYLNQLQLLYAAR.D	30
PSTAT+2284	proteomics_stat	980990	981037	+	2	2	K.ATLRPGQWSNDVPALR.E	20
PSTAT+2285	proteomics_stat	981251	981304	+	2	3	R.FQAWQGLGADGAIGPATR.D	22
PSTAT+2286	proteomics_stat	981761	981823	+	2	5	K.FNMPSEAIYLDHTPNHNLFK.R	25
PSTAT+2287	proteomics_stat	981971	982027	+	2	2	R.QSIPVNLYYLTAFVGADGR.T	23
PSTAT+2288	proteomics_stat	982945	982983	+	1	4	R.LAALVDPGGDAEK.I	17
PSTAT+2289	proteomics_stat	983368	983406	+	1	3	R.GDHNQLISSIKDK.L	17
PSTAT+2290	proteomics_stat	983368	983400	+	1	2	R.GDHNQLISSIK.D	15

PSTAT+2291	proteomics_stat	983479	983517	+	1	2	R.LHNPFLQDEMPVW.-	17
PSTAT+2292	proteomics_stat	989887	989943	+	1	2	R.APDYQITDIDLTFDLDAQK.T	23
PSTAT+2293	proteomics_stat	989944	989976	+	1	5	K.TVVTAVSQAVR.H	15
PSTAT+2294	proteomics_stat	989977	990024	+	1	3	R.HGASDAPLRLNGEDLK.L	20
PSTAT+2295	proteomics_stat	989977	990003	+	1	4	R.HGASDAPLR.L	13
PSTAT+2296	proteomics_stat	990223	990264	+	1	2	R.HITYYLDRPDVLAR.F	18
PSTAT+2297	proteomics_stat	990277	990327	+	1	5	K.IIADKIKYPFLLSNGNR.V	21
PSTAT+2298	proteomics_stat	990292	990327	+	1	10	K.IKYPFLLSNGNR.V	16
PSTAT+2299	proteomics_stat	990298	990327	+	1	2	K.YPFLLSNGNR.V	14
PSTAT+2300	proteomics_stat	990328	990357	+	1	4	R.VAQGELENGR.H	14
PSTAT+2301	proteomics_stat	990682	990723	+	1	3	R.TDTATDKDYLDIER.V	18
PSTAT+2302	proteomics_stat	990724	990765	+	1	5	R.VIGHEYFHNWTGNR.V	18
PSTAT+2303	proteomics_stat	990823	990855	+	1	11	R.DQEFSSDLGSR.A	15
PSTAT+2304	proteomics_stat	991012	991050	+	1	13	R.MIHTLLGEENFQK.G	17
PSTAT+2305	proteomics_stat	991051	991074	+	1	2	K.GMQLYFER.H	12
PSTAT+2306	proteomics_stat	991075	991155	+	1	12	R.HDGSAATCDDFVQAMEDASNVDSLHFR.R	31
PSTAT+2307	proteomics_stat	991159	991197	+	1	2	R.WYSQSGTPIVTVK.D	17
PSTAT+2308	proteomics_stat	991198	991248	+	1	9	K.DDYNPETEQYTLTISR.T	21
PSTAT+2309	proteomics_stat	991249	991329	+	1	3	R.TPATPDQAEKQPLHIPFAIELYDNEGK.V	31
PSTAT+2310	proteomics_stat	991249	991278	+	1	7	R.TPATPDQAEK.Q	14
PSTAT+2311	proteomics_stat	991279	991329	+	1	2	K.QPLHIPFAIELYDNEGK.V	21
PSTAT+2312	proteomics_stat	991537	991575	+	1	2	R.WDAAQSLLATYIK.L	17
PSTAT+2313	proteomics_stat	991591	991644	+	1	4	R.HQQGQPLSLPVHVADAFR.A	22
PSTAT+2314	proteomics_stat	991666	991767	+	1	2	K.IDPALAAEILTPSVNEMAELFDIIDPIAIAEVR.E	38
PSTAT+2315	proteomics_stat	991702	991767	+	1	4	L.PSVNEMAELFDIIDPIAIAEVR.E	26
PSTAT+2316	proteomics_stat	991783	991851	+	1	27	R.TLATELADELLAIYNANYQSEYR.V	27
PSTAT+2317	proteomics_stat	991783	991875	+	1	3	R.TLATELADELLAIYNANYQSEYRVEHEDIAK.R	35
PSTAT+2318	proteomics_stat	991852	991878	+	1	4	R.VEHEDIAKR.T	13
PSTAT+2319	proteomics_stat	991852	991875	+	1	3	R.VEHEDIAK.R	12
PSTAT+2320	proteomics_stat	991903	991950	+	1	11	R.FLAFGETHLADVLVSK.Q	20
PSTAT+2321	proteomics_stat	991951	992028	+	1	6	K.QFHEANNMTDALAALSAAVAAQLPCR.D	30
PSTAT+2322	proteomics_stat	992029	992088	+	1	2	R.DALMQEYDDKWHQNGLVMDK.W	24
PSTAT+2323	proteomics_stat	992089	992142	+	1	14	K.WFILQATSPAANVLETVR.G	22
PSTAT+2324	proteomics_stat	992161	992187	+	1	4	R.SFTMSNPNR.I	13
PSTAT+2325	proteomics_stat	992290	992340	+	1	2	L.NSRNPQVASRLIEPLIR.L	21
PSTAT+2326	proteomics_stat	992401	992436	+	1	2	K.GLENLSGDLYEK.I	16
PSTAT+2327	proteomics_stat	1004042	1004071	+	2	9	R.AHEFTFQQLR.R	14
PSTAT+2328	proteomics_stat	1004072	1004107	+	2	2	R.RITGTPFEALVR.Q	16
PSTAT+2329	proteomics_stat	1004327	1004377	+	2	2	R.MGFNNLGVNDLVENVKK.A	21
PSTAT+2330	proteomics_stat	1004327	1004374	+	2	4	R.MGFNNLGVNDLVENVK.K	20
PSTAT+2331	proteomics_stat	1004378	1004416	+	2	9	K.AHYDGVLGINIGK.N	17
PSTAT+2332	proteomics_stat	1004417	1004473	+	2	6	K.NKDTPEVQGGDDYLICMEK.I	23
PSTAT+2333	proteomics_stat	1004537	1004584	+	2	6	R.TLQYGEALDDLLTAIK.N	20
PSTAT+2334	proteomics_stat	1004642	1004698	+	2	9	K.IAPDLSEELIQVADSLVR.H	23
PSTAT+2335	proteomics_stat	1004699	1004743	+	2	11	R.HNIDGVIATNTTLDR.S	19
PSTAT+2336	proteomics_stat	1004765	1004812	+	2	4	K.NCDQTGGLSGRPLQLK.S	20

PSTAT+2337	proteomics_stat	1004858	1004905	+	2	2	R.LPIIGVGGIDSVIAAR.E	20
PSTAT+2338	proteomics_stat	1005355	1005432	+	1	11	F.EEKCRDFNLSKEQKAELVLNALVAIR.Y	30
PSTAT+2339	proteomics_stat	1007811	1007864	+	3	3	R.KGLAEYSSHFGSDSDAR.V	22
PSTAT+2340	proteomics_stat	1007967	1008011	+	3	3	K.GPYGTVLSNPPYGER.L	19
PSTAT+2341	proteomics_stat	1008192	1008260	+	3	9	K.NYHVAESTPDSKPAMVAEDYTNR.L	27
PSTAT+2342	proteomics_stat	1008324	1008368	+	3	2	R.LYDADLPEYNVAVDR.Y	19
PSTAT+2343	proteomics_stat	1009553	1009600	+	2	3	K.VQEQLDHHNLWQLENR.I	20
PSTAT+2344	proteomics_stat	1009601	1009675	+	2	2	R.INEVLAQLGLDPNVALSSLSGGWLR.K	29
PSTAT+2345	proteomics_stat	1010360	1010410	+	2	2	R.AELDPDKTVMDNLAEGK.Q	21
PSTAT+2346	proteomics_stat	1010768	1010812	+	2	5	R.GQQEQYVALKQPAVK.K	19
PSTAT+2347	proteomics_stat	1010891	1010935	+	2	2	R.ELEQLPQLLEDLEAK.L	19
PSTAT+2348	proteomics_stat	1010936	1011004	+	2	2	K.LEALQTVADASFFSQPHEQTQK.V	27
PSTAT+2349	proteomics_stat	1013028	1013069	+	3	2	R.VGSVETSTFDTQKR.N	18
PSTAT+2350	proteomics_stat	1013142	1013183	+	3	3	K.DSGIAVDLTSAGMR.V	18
PSTAT+2351	proteomics_stat	1013742	1013828	+	3	2	R.LMEALDKINKLPLNPMIEQATSTLSESQR.T	33
PSTAT+2352	proteomics_stat	1013763	1013828	+	3	3	K.INKLPLNPMIEQATSTLSESQR.T	26
PSTAT+2353	proteomics_stat	1014509	1014559	+	2	3	K.VIVSGEWLLNHQGQLIK.R	21
PSTAT+2354	proteomics_stat	1014572	1014616	+	2	3	R.LEGVQTQDGYDEMVK.V	19
PSTAT+2355	proteomics_stat	1014617	1014670	+	2	4	K.VLAGVWSQEAAISIAQEIK.R	22
PSTAT+2356	proteomics_stat	1017714	1017749	+	3	2	K.YQQLENLESGWK.W	16
PSTAT+2357	proteomics_stat	1018047	1018100	+	3	2	K.TLSETIVQLIEDAENKEK.Y	22
PSTAT+2358	proteomics_stat	1022106	1022129	+	3	2	S.KNPSVLSK.S	12
PSTAT+2359	proteomics_stat	1024486	1024512	+	1	2	R.LHTEDITOR.T	13
PSTAT+2360	proteomics_stat	1024894	1024965	+	1	2	K.GALKAENAVDFSGLIHQAIIVILEK.G	28
PSTAT+2361	proteomics_stat	1024906	1024965	+	1	8	K.AENAVDFSGLIHQAIIVILEK.G	24
PSTAT+2362	proteomics_stat	1024990	1025031	+	1	4	K.HILVDEFQDISPQR.A	18
PSTAT+2363	proteomics_stat	1027271	1027315	+	2	3	K.YLLDQGYHVIPVSPK.V	19
PSTAT+2364	proteomics_stat	1027346	1027402	+	2	7	K.GYGTADVPEKVDMDVDVFR.N	23
PSTAT+2365	proteomics_stat	1027403	1027456	+	2	10	R.NSEAAWGVAQEAIAGAK.T	22
PSTAT+2366	proteomics_stat	1027457	1027510	+	2	49	K.TLWMQLGVINEQAVALR.D	22
PSTAT+2367	proteomics_stat	1027511	1027540	+	2	6	R.DAGLNVVMDR.C	14
PSTAT+2368	proteomics_stat	1029398	1029457	+	2	9	K.NLDDGSVEVVACGEEGQVEK.L	24
PSTAT+2369	proteomics_stat	1029509	1029556	+	2	10	R.VLSEPHHPSGELTDFR.I	20
PSTAT+2370	proteomics_stat	1039978	1040034	+	1	3	K.ATQLMQDVTTPDAWPTWPVK.L	23
PSTAT+2371	proteomics_stat	1040347	1040382	+	1	3	R.AGGSIADFTGHR.Q	16
PSTAT+2372	proteomics_stat	1044511	1044552	+	1	5	R.FLRSERRDADIDLR.A	18
PSTAT+2373	proteomics_stat	1051371	1051400	+	3	4	K.NTGKEVSEIR.F	14
PSTAT+2374	proteomics_stat	1051413	1051448	+	3	5	R.EKMTGLESYDVK.I	16
PSTAT+2375	proteomics_stat	1051413	1051448	+	3	5	R.EKMTGLESYDVK.I	16
PSTAT+2376	proteomics_stat	1051419	1051448	+	3	3	K.MTGLESYDVK.I	14
PSTAT+2377	proteomics_stat	1051419	1051448	+	3	3	K.MTGLESYDVK.I	14
PSTAT+2378	proteomics_stat	1064874	1064924	+	3	3	A.QTVPEGYQLQQVLMMSR.H	21
PSTAT+2379	proteomics_stat	1064937	1064987	+	3	2	R.APLANNGSVLEQSTPNK.W	21
PSTAT+2380	proteomics_stat	1065099	1065155	+	3	3	K.SGECPPPYTVYAYANSLQR.T	23
PSTAT+2381	proteomics_stat	1065156	1065230	+	3	15	R.TVATAQFFITGAFPGCDIPVHHQEK.M	29
PSTAT+2382	proteomics_stat	1065231	1065317	+	3	14	K.MGMTDPTFNPVITDDSAAFSEQAVAAMEK.E	33

PSTAT+2383	proteomics_stat	1065330	1065365	+	3	2	K.LQLTDSYQLLEK.I	16
PSTAT+2384	proteomics_stat	1065366	1065398	+	3	5	K.IVNYKDSPACK.E	15
PSTAT+2385	proteomics_stat	1065399	1065431	+	3	5	K.EKQQCSLV DGK.N	15
PSTAT+2386	proteomics_stat	1065450	1065485	+	3	4	K.YQQEPGVSGPLK.V	16
PSTAT+2387	proteomics_stat	1065486	1065569	+	3	7	K.VGNSLVDAFTLQYYEGFPM DQVAWGEIK.S	32
PSTAT+2388	proteomics_stat	1065600	1065650	+	3	4	K.LKNGYQDSLFTSPEVAR.N	21
PSTAT+2389	proteomics_stat	1065606	1065650	+	3	3	K.NGYQDSLFTSPEVAR.N	19
PSTAT+2390	proteomics_stat	1065651	1065686	+	3	9	R.NVAKPLVSYIDK.A	16
PSTAT+2391	proteomics_stat	1065720	1065812	+	3	9	K.ITVLVGHDSNIASLLTALDFKPYQLHDQNER.T	35
PSTAT+2392	proteomics_stat	1065882	1065917	+	3	2	K.IEYVYQSAEQLR.N	16
PSTAT+2393	proteomics_stat	1065918	1065956	+	3	7	R.NADALTLQAPAQR.V	17
PSTAT+2394	proteomics_stat	1071107	1071178	+	2	26	V.DFVNRGVIFPVGNKDAVEGHIRHR.A	28
PSTAT+2395	proteomics_stat	1074032	1074073	+	2	2	R.DEVFFNQTVENVQR.I	18
PSTAT+2396	proteomics_stat	1079977	1080021	+	1	7	R.FAEADAHYHSAPPSR.L	19
PSTAT+2397	proteomics_stat	1081565	1081621	+	2	2	K.VTVTDKQCEPMTITVNAGK.T	23
PSTAT+2398	proteomics_stat	1081583	1081621	+	2	3	K.QCEPMTITVNAGK.T	17
PSTAT+2399	proteomics_stat	1081622	1081654	+	2	11	K.TQFIIQNHSQK.A	15
PSTAT+2400	proteomics_stat	1081679	1081702	+	2	2	K.GVMVVEER.E	12
PSTAT+2401	proteomics_stat	1081814	1081885	+	2	3	K.GEATADAAQSDALLSLGGAITAYK.A	28
PSTAT+2402	proteomics_stat	1081886	1081930	+	2	5	K.AYVMAETTQLVTDTK.A	19
PSTAT+2403	proteomics_stat	1082012	1082065	+	2	13	R.IEPIAELFSDLDGSDAR.E	22
PSTAT+2404	proteomics_stat	1082156	1082209	+	2	5	K.GMDQYAEQLYTDVVDLQK.R	22
PSTAT+2405	proteomics_stat	1082243	1082290	+	2	3	K.VVGGAAGLIEEVAASK.I	20
PSTAT+2406	proteomics_stat	1082366	1082398	+	2	4	K.IVDLLRPQLQK.A	15
PSTAT+2407	proteomics_stat	1082441	1082464	+	2	5	K.KVDTILAK.Y	12
PSTAT+2408	proteomics_stat	1082471	1082518	+	2	7	R.TKDGFEYDKLTDADR.N	20
PSTAT+2409	proteomics_stat	1082471	1082500	+	2	2	R.TKDGFEYDK.L	14
PSTAT+2410	proteomics_stat	1082477	1082518	+	2	3	K.DGFETYDKLTDADR.N	18
PSTAT+2411	proteomics_stat	1082477	1082500	+	2	2	K.DGFETYDK.L	12
PSTAT+2412	proteomics_stat	1082519	1082572	+	2	24	R.NALKGPIALAEQLR.G	22
PSTAT+2413	proteomics_stat	1082890	1082943	+	1	2	R.FAFLTQGGAA PETPNPRL.P	22
PSTAT+2414	proteomics_stat	1086032	1086070	+	2	4	K.LDCVNETDQAGE.G	17
PSTAT+2415	proteomics_stat	1097205	1097273	+	3	5	K.SGDNDSADYALVWHPPVEMLAGR.D	27
PSTAT+2416	proteomics_stat	1097328	1097375	+	3	6	K.LQAHPPEMLNPSVPLFR.L	20
PSTAT+2417	proteomics_stat	1097376	1097444	+	3	10	R.LEDTGMGEQM QEYAVSQVLHWFR.R	27
PSTAT+2418	proteomics_stat	1097559	1097585	+	3	2	K.VAQLQ TWR.F	13
PSTAT+2419	proteomics_stat	1097685	1097753	+	3	7	R.VLINLLPNTPETVGIINQQLLEK.L	27
PSTAT+2420	proteomics_stat	1097790	1097840	+	3	7	R.GVHVVEDLLAALDSGK.V	21
PSTAT+2421	proteomics_stat	1097847	1097915	+	3	11	K.GAMLDVFNREPLPESPLWQHPR.V	27
PSTAT+2422	proteomics_stat	1097916	1097981	+	3	8	R.VTITPHVAAITRPAEAVEYISR.T	26
PSTAT+2423	proteomics_stat	1097934	1097981	+	3	3	H.VAAITRPAEAVEYISR.T	20
PSTAT+2424	proteomics_stat	1098102	1098185	+	3	3	V.MYPVDLHMHTVASTHAYSTLSDYIAQAK.Q	32
PSTAT+2425	proteomics_stat	1098333	1098365	+	3	5	K.NVDGEIDCSGK.M	15
PSTAT+2426	proteomics_stat	1098432	1098509	+	3	7	K.ATNTQAMIATIASGNVHIISHPGNPK.Y	30
PSTAT+2427	proteomics_stat	1098552	1098599	+	3	4	K.HQVALEINSSFLHSR.K	20
PSTAT+2428	proteomics_stat	1098914	1098958	+	2	3	R.QPQDPLLPLFTLIR.E	19

PSTAT+2429	proteomics_stat	1098968	1099012	+	2	2	K.LAANWPLEQDELLTR.L	19
PSTAT+2430	proteomics_stat	1099313	1099345	+	2	2	K.VEAHATTPFWR.T	15
PSTAT+2431	proteomics_stat	1105055	1105084	+	2	3	R.IHVQGDITK.L	14
PSTAT+2432	proteomics_stat	1105205	1105270	+	2	2	R.QQQGDCPTGHAVITLAGDLPK.A	26
PSTAT+2433	proteomics_stat	1105271	1105303	+	2	5	K.AVVHTVGPVWR.G	15
PSTAT+2434	proteomics_stat	1105304	1105360	+	2	2	R.GGEQNEQQLLQDAYLNSLR.L	23
PSTAT+2435	proteomics_stat	1105361	1105432	+	2	2	R.LVAANSYTSVAFFAISTGVYGYPR.A	28
PSTAT+2436	proteomics_stat	1106016	1106123	+	3	2	R.NIGDAYFGAGEEPLFSDLDVMAIGPVVEDVADDFAR.Y	40
PSTAT+2437	proteomics_stat	1108723	1108761	+	1	8	K.YADYQQIQFNHDK.A	17
PSTAT+2438	proteomics_stat	1108726	1108761	+	1	2	Y.ADYQQIQFNHDK.A	16
PSTAT+2439	proteomics_stat	1108783	1108839	+	1	18	K.TPFKLEFYHQGMFYDTPVK.I	23
PSTAT+2440	proteomics_stat	1108792	1108839	+	1	3	F.KLEFYHQGMFYDTPVK.I	20
PSTAT+2441	proteomics_stat	1108795	1108839	+	1	5	K.LEFYHQGMFYDTPVK.I	19
PSTAT+2442	proteomics_stat	1108840	1108872	+	1	8	K.IN EVTATAVKR.I	15
PSTAT+2443	proteomics_stat	1108840	1108869	+	1	2	K.IN EVTATAVK.R	14
PSTAT+2444	proteomics_stat	1108873	1108935	+	1	6	R.IKYSPTYFTFGDVQHDKDTVK.D	25
PSTAT+2445	proteomics_stat	1108879	1108959	+	1	3	K.YSPDYFTFGDVQHDKDTVKDLGFAGFK.V	31
PSTAT+2446	proteomics_stat	1108984	1109031	+	1	11	K.DKNDEIVSMLGASYFR.V	20
PSTAT+2447	proteomics_stat	1109032	1109070	+	1	3	R.VIGAGQVYGLSAR.G	17
PSTAT+2448	proteomics_stat	1109035	1109070	+	1	2	V.IGAGQVYGLSAR.G	16
PSTAT+2449	proteomics_stat	1109071	1109118	+	1	4	R.GLAIDTALPSGEEFPR.F	20
PSTAT+2450	proteomics_stat	1109119	1109160	+	1	3	R.FKEFWIERPKPTDK.R	18
PSTAT+2451	proteomics_stat	1109125	1109160	+	1	2	K.EFWIERPKPTDK.R	16
PSTAT+2452	proteomics_stat	1109161	1109196	+	1	4	K.RLTIYALLDSPR.A	16
PSTAT+2453	proteomics_stat	1109215	1109262	+	1	2	K.FVVMGRDTPVVDVQSK.I	20
PSTAT+2454	proteomics_stat	1109236	1109262	+	1	9	R.DTVVDVQSK.I	13
PSTAT+2455	proteomics_stat	1109443	1109502	+	1	4	K.HLAVSSFSMENPQGFLLQR.G	24
PSTAT+2456	proteomics_stat	1109593	1109688	+	1	8	K.GSVELVEIPTNDETNDNIVAYWTPDQLPEPGK.E	36
PSTAT+2457	proteomics_stat	1109704	1109775	+	1	11	K.YTITFSRDEDKLHAPDNAWVQQTR.R	28
PSTAT+2458	proteomics_stat	1109725	1109775	+	1	4	R.DEDKLHAPDNAWVQQTR.R	21
PSTAT+2459	proteomics_stat	1109815	1109868	+	1	12	R.QPDGTIAFVVDFTGAEMK.K	22
PSTAT+2460	proteomics_stat	1109869	1109946	+	1	6	K.KLPEDTPVTAQTSIGDNGEIVESTVR.Y	30
PSTAT+2461	proteomics_stat	1109872	1109946	+	1	2	K.LPEDTPVTAQTSIGDNGEIVESTVR.Y	29
PSTAT+2462	proteomics_stat	1110095	1110139	+	2	2	K.TTEYIDAMPIAASEK.A	19
PSTAT+2463	proteomics_stat	1110242	1110322	+	2	2	K.ARLEQAWPDSLADGQLIKDDEGRDQLK.A	31
PSTAT+2464	proteomics_stat	1110440	1110478	+	2	2	R.LTKEEQESEQKWR.T	17
PSTAT+2465	proteomics_stat	1110815	1110856	+	2	3	R.TALIMPICNEDVNR.V	18
PSTAT+2466	proteomics_stat	1111169	1111216	+	2	3	R.LMEANPNAGIIQSSPK.A	20
PSTAT+2467	proteomics_stat	1112309	1112386	+	2	12	R.SLDDGFMHAVFNPSFNALATAMATAR.H	30
PSTAT+2468	proteomics_stat	1112420	1112461	+	2	8	R.DRHVEQALNETPEK.L	18
PSTAT+2469	proteomics_stat	1112426	1112461	+	2	5	R.HVEQALNETPEK.L	16
PSTAT+2470	proteomics_stat	1112549	1112584	+	2	2	R.YSSWVSYEGIK.L	16
PSTAT+2471	proteomics_stat	1125319	1125366	+	1	2	R.DHVLTAITPDWTPGR.-	20
PSTAT+2472	proteomics_stat	1125380	1125412	+	2	5	L.MKYQLTALEAR.V	15
PSTAT+2473	proteomics_stat	1125386	1125412	+	2	4	K.YQLTALEAR.V	13
PSTAT+2474	proteomics_stat	1125413	1125436	+	2	2	R.VIGCLLEK.Q	12

PSTAT+2475	proteomics_stat	1125503	1125574	+	2	15	K.TNREPVMNLSESEVQEQLDNLVKR.H	28
PSTAT+2476	proteomics_stat	1125503	1125571	+	2	6	K.TNREPVMNLSESEVQEQLDNLVK.R	27
PSTAT+2477	proteomics_stat	1125527	1125574	+	2	2	N.LSESEVQEQLDNLVKR.H	20
PSTAT+2478	proteomics_stat	1125632	1125661	+	2	2	R.FCNSEFGDLK.L	14
PSTAT+2479	proteomics_stat	1125662	1125706	+	2	5	K.LSAAEVALITLLLLR.G	19
PSTAT+2480	proteomics_stat	1125749	1125832	+	2	7	R.MYEFSDMAEVESTLEQLANREDGPFVVR.L	32
PSTAT+2481	proteomics_stat	1125749	1125808	+	2	3	R.MYEFSDMAEVESTLEQLANR.E	24
PSTAT+2482	proteomics_stat	1125866	1125952	+	2	5	R.YMHLFSGEVEDQPAVTDMSNAVDGDLQAR.V	33
PSTAT+2483	proteomics_stat	1125893	1125952	+	2	4	V.EDQPAVTDMSNAVDGDLQAR.V	24
PSTAT+2484	proteomics_stat	1126080	1126145	+	3	3	K.AWLPLVAAAASDWTLQGAWSPTR.A	26
PSTAT+2485	proteomics_stat	1126764	1126820	+	3	2	R.GQGVVHKPIPGWQSTLEQR.G	23
PSTAT+2486	proteomics_stat	1126842	1126913	+	3	4	R.HFIECVQNQTVPQTAGEQAVLAQR.I	28
PSTAT+2487	proteomics_stat	1127221	1127277	+	1	2	R.IFAEGAFSQAFVPILAKEYK.S	23
PSTAT+2488	proteomics_stat	1144163	1144189	+	2	2	T.MKTETPSVK.I	13
PSTAT+2489	proteomics_stat	1144379	1144423	+	2	6	R.VAEREEAVSPHLQK.V	19
PSTAT+2490	proteomics_stat	1144787	1144819	+	2	2	R.VSQEGKPSETR.F	15
PSTAT+2491	proteomics_stat	1145000	1145026	+	2	3	R.LFLHAAALK.F	13
PSTAT+2492	proteomics_stat	1145027	1145059	+	2	2	K.FTHPGTGEVMR.I	15
PSTAT+2493	proteomics_stat	1145060	1145092	+	2	2	R.IEAPMDEGLKR.C	15
PSTAT+2494	proteomics_stat	1146026	1146058	+	2	7	K.VKLPLTLDPVR.T	15
PSTAT+2495	proteomics_stat	1146071	1146115	+	2	3	K.RLDYQGIYTPDQVER.V	19
PSTAT+2496	proteomics_stat	1146074	1146115	+	2	3	R.LDYQGIYTPDQVER.V	18
PSTAT+2497	proteomics_stat	1146188	1146214	+	2	2	R.LAVLNGDAK.V	13
PSTAT+2498	proteomics_stat	1146593	1146619	+	2	4	M.AVQQNKPTR.S	13
PSTAT+2499	proteomics_stat	1146638	1146685	+	2	23	R.RSHDALTAVTSLSVDK.T	20
PSTAT+2500	proteomics_stat	1146641	1146700	+	2	26	R.SHDALTAVTSLSVDKTSGEK.H	24
PSTAT+2501	proteomics_stat	1146641	1146685	+	2	51	R.SHDALTAVTSLSVDK.T	19
PSTAT+2502	proteomics_stat	1146710	1146739	+	2	18	R.HHITADGYR.G	14
PSTAT+2503	proteomics_stat	1146713	1146739	+	2	11	H.HITADGYR.G	13
PSTAT+2504	proteomics_stat	1147994	1148032	+	2	6	K.IIGTGSYLPEQVR.T	17
PSTAT+2505	proteomics_stat	1148054	1148089	+	2	2	K.MVDTSEWIVTR.T	16
PSTAT+2506	proteomics_stat	1148108	1148164	+	2	12	R.HIAAPNETVSTMGFEEATR.A	23
PSTAT+2507	proteomics_stat	1148570	1148623	+	2	5	R.VNPENSIHLTMAGNEVFK.V	22
PSTAT+2508	proteomics_stat	1148624	1148686	+	2	16	K.VAVTELAHIVDETLAANNLDR.S	25
PSTAT+2509	proteomics_stat	1148687	1148728	+	2	7	R.SQLDWLVPHQANLR.I	18
PSTAT+2510	proteomics_stat	1148750	1148794	+	2	6	K.KLGMSMDNVVVTLDR.H	19
PSTAT+2511	proteomics_stat	1148753	1148794	+	2	2	K.LGMSMDNVVVTLDR.H	18
PSTAT+2512	proteomics_stat	1148795	1148848	+	2	11	R.HGNTSAASVPCALDEAVR.D	22
PSTAT+2513	proteomics_stat	1148795	1148857	+	2	2	R.HGNTSAASVPCALDEAVRDGR.I	25
PSTAT+2514	proteomics_stat	1149125	1149175	+	2	18	K.TWQTQPALLTASVALYR.V	21
PSTAT+2515	proteomics_stat	1149176	1149199	+	2	3	R.VWQQQGK.A	12
PSTAT+2516	proteomics_stat	1149200	1149286	+	2	27	K.APAMMAGHSLGEYSALVCAGVIDFADAVR.L	33
PSTAT+2517	proteomics_stat	1149302	1149385	+	2	2	R.GKFMQEAVPEGTGAMAAIIGLDDASIAK.A	32
PSTAT+2518	proteomics_stat	1149308	1149385	+	2	12	K.FMQEAVPEGTGAMAAIIGLDDASIAK.A	30
PSTAT+2519	proteomics_stat	1149386	1149469	+	2	11	K.ACEEAAEGQVVSFVNFNSPGQVVIAGHK.E	32
PSTAT+2520	proteomics_stat	1149521	1149604	+	2	12	R.ALPLPVSVPSHCALMKPAADKLAVELAK.I	32

PSTAT+2521	proteomics_stat	1149521	1149583	+	2	6	R.ALPLPVSVP SHCALMKPAADK.L	25
PSTAT+2522	proteomics_stat	1149605	1149655	+	2	8	K.ITFNAPTVPVNNVVDVK.C	21
PSTAT+2523	proteomics_stat	1149656	1149682	+	2	3	K.CETNGDAIR.D	13
PSTAT+2524	proteomics_stat	1149728	1149787	+	2	35	K.SVEYMAAQGVEHLYEVGPGK.V	24
PSTAT+2525	proteomics_stat	1149743	1149787	+	2	2	M.AAQGVEHLYEVGPGK.V	19
PSTAT+2526	proteomics_stat	1149809	1149877	+	2	6	K.RIVDTLTASALNEPSAMAAALEL.-	27
PSTAT+2527	proteomics_stat	1149893	1149910	+	2	2	I.MNFEGK.I	10
PSTAT+2528	proteomics_stat	1149911	1149937	+	2	3	K.IALVTGASR.G	13
PSTAT+2529	proteomics_stat	1149950	1149976	+	2	2	R.AIAETLAAR.G	13
PSTAT+2530	proteomics_stat	1149953	1149976	+	2	4	A.IAETLAAR.G	12
PSTAT+2531	proteomics_stat	1149983	1150054	+	2	2	A.KVIGTATSENGAQ AISDYLGANGK.G	28
PSTAT+2532	proteomics_stat	1149986	1150054	+	2	2	K.VIGTATSENGAQ AISDYLGANGK.G	27
PSTAT+2533	proteomics_stat	1150055	1150108	+	2	16	K.GLMLNVTDPASIESVLEK.I	22
PSTAT+2534	proteomics_stat	1150115	1150165	+	2	28	R.AEFGEVDILVNNAGITR.D	21
PSTAT+2535	proteomics_stat	1150184	1150240	+	2	42	R.MKDEEWNDI IETNLSSVFR.L	23
PSTAT+2536	proteomics_stat	1150289	1150357	+	2	7	R.IITIGSVVGTMGNGGQANYAAAK.A	27
PSTAT+2537	proteomics_stat	1150409	1150462	+	2	11	R.GITVNVVAPGF IETDMTR.A	22
PSTAT+2538	proteomics_stat	1150484	1150516	+	2	4	R.AGILAQVPAGR.L	15
PSTAT+2539	proteomics_stat	1150865	1150894	+	2	20	K.KIIGEQLGVK.Q	14
PSTAT+2540	proteomics_stat	1150868	1150894	+	2	6	K.IIGEQLGVK.Q	13
PSTAT+2541	proteomics_stat	1150868	1150897	+	2	5	K.IIGEQLGVKQ.E	14
PSTAT+2542	proteomics_stat	1151024	1151071	+	2	110	K.ITTVQAAIDYINGHQA.-	20
PSTAT+2543	proteomics_stat	1151174	1151239	+	2	2	R.RVVVTGLGMLSPVGN TVESTWK.A	26
PSTAT+2544	proteomics_stat	1151177	1151239	+	2	5	R.VVVTGLGMLSPVGN TVESTWK.A	25
PSTAT+2545	proteomics_stat	1151327	1151356	+	2	6	K.DFNCEDIISR.K	14
PSTAT+2546	proteomics_stat	1151369	1151461	+	2	28	R.KMDAFIQYGIVAGVQAMQDSGLEITEENATR.I	35
PSTAT+2547	proteomics_stat	1151462	1151545	+	2	11	R.IGAAIGSGIGGLG LIEENHTSLMNGGPR.K	32
PSTAT+2548	proteomics_stat	1151690	1151740	+	2	8	R.IIAYGDADVMVAGGAEK.A	21
PSTAT+2549	proteomics_stat	1151741	1151782	+	2	3	K.ASTPLGVGGF GAAR.A	18
PSTAT+2550	proteomics_stat	1151798	1151836	+	2	3	R.NDNPQAASRPWDK.E	17
PSTAT+2551	proteomics_stat	1151843	1151905	+	2	8	R.DGFVLGDGAGMLV LEEYEHAH.K	25
PSTAT+2552	proteomics_stat	1152029	1152121	+	2	4	R.DAGIEASQIGYVNAHGTSTPAGDKAEQAVK.T	35
PSTAT+2553	proteomics_stat	1152239	1152316	+	2	2	R.DQAVPPTINLDNPDEGC DLDFVPHEA.R	30
PSTAT+2554	proteomics_stat	1152320	1152394	+	2	2	R.QVSGMEYTL CNSFGFGGTNGSLIFK.K	29
PSTAT+2555	proteomics_stat	1152350	1152394	+	2	2	C.NSFGFGGTNGSLIFK.K	19
PSTAT+2556	proteomics_stat	1154121	1154213	+	3	6	R.ADLETPTAYNTYTITGLPPGAIATPGADSLK.A	35
PSTAT+2557	proteomics_stat	1154647	1154685	+	1	2	R.HDLSTQAYQGGGR.G	17
PSTAT+2558	proteomics_stat	1154719	1154793	+	1	2	R.DAVLGDFRPDLTLYLDVTP EVGLKR.A	29
PSTAT+2559	proteomics_stat	1154800	1154853	+	1	2	R.ARGELDRIEQESFDFFN R.T	22
PSTAT+2560	proteomics_stat	1154893	1154949	+	1	2	K.SIHTIDATQPLEAVMDAIR.T	23
PSTAT+2561	proteomics_stat	1155315	1155374	+	3	5	K.VVWVTDAALLTDAANALLK.T	24
PSTAT+2562	proteomics_stat	1156030	1156104	+	1	2	L.DGLDYESLHKD VDDVLAKAAARDVK.F	29
PSTAT+2563	proteomics_stat	1156597	1156644	+	1	4	R.LLVETDSPYLAPVPHR.G	20
PSTAT+2564	proteomics_stat	1156645	1156674	+	1	4	R.GKENQPAMVR.D	14
PSTAT+2565	proteomics_stat	1156705	1156755	+	1	3	K.GVAVEELAQVTTDNFAR.L	21
PSTAT+2566	proteomics_stat	1157101	1157124	+	1	7	K.NAFANLQK.V	12

PSTAT+2567	proteomics_stat	1157503	1157541	+	1	6	R.IKLPEYLGFFAGK.R	17
PSTAT+2568	proteomics_stat	1157809	1157838	+	1	5	R.YMAGDPTAGK.L	14
PSTAT+2569	proteomics_stat	1157812	1157838	+	1	2	Y.MAGDPTAGK.L	13
PSTAT+2570	proteomics_stat	1157863	1157922	+	1	11	K.MYGLPAAAIWHSAPENR.A	24
PSTAT+2571	proteomics_stat	1157866	1157922	+	1	2	M.YGLPAAAIWHSAPENR.A	23
PSTAT+2572	proteomics_stat	1158274	1158327	+	1	13	K.ATGTSEMAPALVAAFVGGK.E	22
PSTAT+2573	proteomics_stat	1158328	1158363	+	1	3	K.ENITNLDACITR.L	16
PSTAT+2574	proteomics_stat	1158370	1158393	+	1	4	R.VSVADVSK.V	12
PSTAT+2575	proteomics_stat	1158415	1158477	+	1	46	K.KLGAAGVVVAGSGVQAIIFGTK.S	25
PSTAT+2576	proteomics_stat	1158418	1158477	+	1	128	K.LGAAGVVVAGSGVQAIIFGTK.S	24
PSTAT+2577	proteomics_stat	1158478	1158516	+	1	13	K.SDNLKTEMDEYIR.N	17
PSTAT+2578	proteomics_stat	1161147	1161197	+	3	7	R.EIPSDIVYQDDLVTAFR.D	21
PSTAT+2579	proteomics_stat	1161150	1161197	+	3	2	E.IPSDIVYQDDLVTAFR.D	20
PSTAT+2580	proteomics_stat	1161198	1161299	+	3	3	R.DISQPAPHILIPNLIPTVNDVSAEHEQALGR.M	38
PSTAT+2581	proteomics_stat	1161252	1161299	+	3	3	I.PTVNDVSAEHEQALGR.M	20
PSTAT+2582	proteomics_stat	1161321	1161359	+	3	8	K.IAEQEGIAEDGYR.L	17
PSTAT+2583	proteomics_stat	1162089	1162130	+	3	6	R.HYDWNGAMQPMVSK.M	18
PSTAT+2584	proteomics_stat	1162131	1162193	+	3	6	K.MLGADGVTAGSVLLVDSVNNR.T	25
PSTAT+2585	proteomics_stat	1162194	1162238	+	3	5	R.TNGSLNAAEATETLR.N	19
PSTAT+2586	proteomics_stat	1162263	1162301	+	3	4	K.FTLVSAQQLSMAK.Q	17
PSTAT+2587	proteomics_stat	1163549	1163602	+	2	3	R.LPAAQSFAALSGMEEGGK.L	22
PSTAT+2588	proteomics_stat	1163762	1163794	+	2	2	R.FIDGMHEAGMK.T	15
PSTAT+2589	proteomics_stat	1164164	1164205	+	2	2	R.KGAVSVLDNLSPIK.A	18
PSTAT+2590	proteomics_stat	1164366	1164419	+	3	5	A.MIIYLHGFDNSNPGNHEK.V	22
PSTAT+2591	proteomics_stat	1164522	1164593	+	3	2	K.MLQLNVDERPLICGVGLGGYWAER.I	28
PSTAT+2592	proteomics_stat	1164618	1164668	+	3	3	R.QVIFNPNLFPYENMEGK.I	21
PSTAT+2593	proteomics_stat	1164669	1164707	+	3	5	K.IDRPEEYADIATK.C	17
PSTAT+2594	proteomics_stat	1164765	1164791	+	3	5	R.NDEALNSQR.T	13
PSTAT+2595	proteomics_stat	1164792	1164851	+	3	13	R.TSEELHHYIEIVWDEEQTHK.F	24
PSTAT+2596	proteomics_stat	1165527	1165574	+	3	16	R.NHGFQFQLGSVIDIDR.E	20
PSTAT+2597	proteomics_stat	1165584	1165643	+	3	5	K.TITIAELRDEKCELLVPERK.I	24
PSTAT+2598	proteomics_stat	1165584	1165640	+	3	5	K.TITIAELRDEKCELLVPERK.K	23
PSTAT+2599	proteomics_stat	1165641	1165712	+	3	6	R.KIAYDTLVMALGSTSNDFNTPGVK.E	28
PSTAT+2600	proteomics_stat	1165644	1165712	+	3	3	K.IAYDTLVMALGSTSNDFNTPGVK.E	27
PSTAT+2601	proteomics_stat	1165713	1165751	+	3	6	K.ENCIFLDNPHQAR.R	17
PSTAT+2602	proteomics_stat	1165755	1165787	+	3	3	R.FHQEMLNLFK.Y	15
PSTAT+2603	proteomics_stat	1165788	1165817	+	3	4	K.YSANLGANGK.V	14
PSTAT+2604	proteomics_stat	1165914	1165964	+	3	7	K.GLTNEALNVTLVEAGER.I	21
PSTAT+2605	proteomics_stat	1165989	1166021	+	3	4	R.ISAAAHNELTK.L	15
PSTAT+2606	proteomics_stat	1166034	1166087	+	3	3	R.VLTQTMVTSADEGGLHTK.D	22
PSTAT+2607	proteomics_stat	1166157	1166183	+	3	5	K.DIGGLETNR.I	13
PSTAT+2608	proteomics_stat	1166184	1166225	+	3	3	R.INQLVVEPTLQTTR.D	18
PSTAT+2609	proteomics_stat	1166373	1166456	+	3	3	K.NYQYKDHGSLVSLSNFSTVGSMLGNLTR.G	32
PSTAT+2610	proteomics_stat	1168362	1168400	+	3	7	A.AVEVQSTPEGQK.V	17
PSTAT+2611	proteomics_stat	1168401	1168487	+	3	3	K.VGTISANAGTNLGSLEEQLAQKADEMGAK.S	33
PSTAT+2612	proteomics_stat	1168401	1168466	+	3	6	K.VGTISANAGTNLGSLEEQLAQK.A	26

PSTAT+2613	proteomics_stat	1168497	1168550	+	3	6	R.ITSVTGPNTLHGTAVIYK.-	22
PSTAT+2614	proteomics_stat	1175986	1176066	+	1	3	K.STLLHLLGGLDTPSGDVIFNGQPMSK.L	31
PSTAT+2615	proteomics_stat	1176256	1176294	+	1	3	R.ANHRPSELSSGGER.Q	17
PSTAT+2616	proteomics_stat	1176337	1176378	+	1	3	R.LVLADEPTGNLDAR.N	18
PSTAT+2617	proteomics_stat	1176421	1176471	+	1	5	R.LQGTAFVVTVDLQLAK.R	21
PSTAT+2618	proteomics_stat	1177260	1177298	+	3	2	R.DAGEVTNSVYVYK.S	17
PSTAT+2619	proteomics_stat	1178869	1178916	+	1	2	R.VLVLTGAGISAESGIR.T	20
PSTAT+2620	proteomics_stat	1178956	1179027	+	1	2	R.VEDVATPEGFDRDPELVQAFYNAR.R	28
PSTAT+2621	proteomics_stat	1179034	1179087	+	1	4	R.QLQQPEIQPNAHLALAK.L	22
PSTAT+2622	proteomics_stat	1179112	1179153	+	1	3	R.FLLVTQNIIDNLHER.A	18
PSTAT+2623	proteomics_stat	1179154	1179198	+	1	2	R.AGNTNVIIHMHGELLK.V	19
PSTAT+2624	proteomics_stat	1179433	1179501	+	1	5	K.LHGAHTVELNLEPSQVGNFAEK.Y	27
PSTAT+2625	proteomics_stat	1179433	1179495	+	1	2	K.LHGAHTVELNLEPSQVGNFA.E	25
PSTAT+2626	proteomics_stat	1179502	1179546	+	1	4	K.YYGPASQVVPEFVEK.L	19
PSTAT+2627	proteomics_stat	1185364	1185468	+	1	13	R.GGDIALGIGDEVLSVPMFVHLHQLLGGTLITTDGK.T	39
PSTAT+2628	proteomics_stat	1185469	1185540	+	1	10	K.TLLGADDKAGIAEIMTALAVLQQK.K	28
PSTAT+2629	proteomics_stat	1185493	1185540	+	1	6	K.AGIAEIMTALAVLQQK.K	20
PSTAT+2630	proteomics_stat	1185565	1185597	+	1	3	R.VAFTPDEEVGK.G	15
PSTAT+2631	proteomics_stat	1185607	1185636	+	1	4	K.HFDVDAFDAR.W	14
PSTAT+2632	proteomics_stat	1185715	1185750	+	1	5	K.IVGNVHPGTAK.G	16
PSTAT+2633	proteomics_stat	1185787	1185867	+	1	6	R.IHAEVPADESPMTEGYEGFYHLASMK.G	31
PSTAT+2634	proteomics_stat	1185976	1186035	+	1	3	K.GLHPDCYIELVIEDSYNMR.E	24
PSTAT+2635	proteomics_stat	1186042	1186089	+	1	14	K.VVEHPHILDIAQQAMR.D	20
PSTAT+2636	proteomics_stat	1186126	1186209	+	1	2	R.GGTDGAQLSFMGLPCPNLFTGGYNYHGK.H	32
PSTAT+2637	proteomics_stat	1186210	1186242	+	1	7	K.HEFVTLEGMEK.A	15
PSTAT+2638	proteomics_stat	1194358	1194384	+	1	4	K.VVVPAQGKK.I	13
PSTAT+2639	proteomics_stat	1194358	1194381	+	1	6	K.VVVPAQGK.K	12
PSTAT+2640	proteomics_stat	1194382	1194405	+	1	3	K.KITLQNGK.L	12
PSTAT+2641	proteomics_stat	1194382	1194486	+	1	2	K.KITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLK.V	39
PSTAT+2642	proteomics_stat	1194385	1194486	+	1	2	K.ITLQNGKLNVPENPIIPYIEGDGIGVDVTPAMLK.V	38
PSTAT+2643	proteomics_stat	1194403	1194486	+	1	4	G.KLNVPENPIIPYIEGDGIGVDVTPAMLK.V	32
PSTAT+2644	proteomics_stat	1194406	1194486	+	1	57	K.LNVPENPIIPYIEGDGIGVDVTPAMLK.V	31
PSTAT+2645	proteomics_stat	1194433	1194486	+	1	6	I.PYIEGDGIGVDVTPAMLK.V	22
PSTAT+2646	proteomics_stat	1194484	1194510	+	1	3	L.KVVDAAVEK.A	13
PSTAT+2647	proteomics_stat	1194487	1194510	+	1	16	K.VVDAAVEK.A	12
PSTAT+2648	proteomics_stat	1194529	1194564	+	1	41	R.KISWMEIYTGEK.S	16
PSTAT+2649	proteomics_stat	1194532	1194564	+	1	16	K.ISWMEIYTGEK.S	15
PSTAT+2650	proteomics_stat	1194565	1194624	+	1	73	K.STQVYGQDVWLPAETLDLIR.E	24
PSTAT+2651	proteomics_stat	1194580	1194624	+	1	2	Y.GQDVWLPAETLDLIR.E	19
PSTAT+2652	proteomics_stat	1194634	1194681	+	1	23	R.VAIKGLTPVGGGIR.S	20
PSTAT+2653	proteomics_stat	1194646	1194681	+	1	7	K.GPLTPVGGGIR.S	16
PSTAT+2654	proteomics_stat	1194742	1194771	+	1	11	R.YYQGTSPVK.H	14
PSTAT+2655	proteomics_stat	1194742	1194804	+	1	64	R.YYQGTSPVKHPELTDVIFR.E	25
PSTAT+2656	proteomics_stat	1194772	1194804	+	1	78	K.HPELTDVIFR.E	15
PSTAT+2657	proteomics_stat	1194805	1194843	+	1	22	R.ENSEDIYAGIEWK.A	17
PSTAT+2658	proteomics_stat	1194877	1194903	+	1	11	K.FLREEMGVK.K	13

PSTAT+2659	proteomics_stat	1194877	1194906	+	1	5	K.FLREEMGVKK.I	14
PSTAT+2660	proteomics_stat	1194880	1194903	+	1	10	F.LREEMGVK.K	12
PSTAT+2661	proteomics_stat	1194907	1194966	+	1	6	K.IRFPEHCGIGIKPCSEEGTK.R	24
PSTAT+2662	proteomics_stat	1194913	1194969	+	1	4	R.FPEHCGIGIKPCSEEGTKR.L	23
PSTAT+2663	proteomics_stat	1194913	1194966	+	1	10	R.FPEHCGIGIKPCSEEGTK.R	22
PSTAT+2664	proteomics_stat	1194979	1195035	+	1	82	R.AAIEYAIANDRDSVTLVHK.G	23
PSTAT+2665	proteomics_stat	1194979	1195011	+	1	4	R.AAIEYAIANDR.D	15
PSTAT+2666	proteomics_stat	1194982	1195035	+	1	5	A.AIEYAIANDRDSVTLVHK.G	22
PSTAT+2667	proteomics_stat	1194994	1195035	+	1	3	Y.AIANDRDSVTLVHK.G	18
PSTAT+2668	proteomics_stat	1195012	1195035	+	1	6	R.DSVTLVHK.G	12
PSTAT+2669	proteomics_stat	1195051	1195095	+	1	36	K.FTEGAFKDWGYQLAR.E	19
PSTAT+2670	proteomics_stat	1195051	1195089	+	1	2	K.FTEGAFKDWGYQLA	17
PSTAT+2671	proteomics_stat	1195072	1195095	+	1	2	K.DWGYQLAR.E	12
PSTAT+2672	proteomics_stat	1195090	1195140	+	1	2	L.AREEFGGELIDGGPWLK.V	21
PSTAT+2673	proteomics_stat	1195096	1195140	+	1	36	R.EEFGGELIDGGPWLK.V	19
PSTAT+2674	proteomics_stat	1195105	1195140	+	1	2	F.GGELIDGGPWLK.V	16
PSTAT+2675	proteomics_stat	1195141	1195179	+	1	4	K.VKNPNTGKEIVIK.D	17
PSTAT+2676	proteomics_stat	1195147	1195179	+	1	3	K.NPNTGKEIVIK.D	15
PSTAT+2677	proteomics_stat	1195180	1195221	+	1	2	K.DVIADAFLLQILLR.P	18
PSTAT+2678	proteomics_stat	1195180	1195248	+	1	6	K.DVIADAFLLQILLRPAEYDVIAC.M	27
PSTAT+2679	proteomics_stat	1195327	1195377	+	1	3	N.IGDECALFEATHGTAPK.Y	21
PSTAT+2680	proteomics_stat	1195378	1195440	+	1	93	K.YAGQDKVNPGSIIISAEMMLR.H	25
PSTAT+2681	proteomics_stat	1195396	1195440	+	1	354	K.VNPGSIIISAEMMLR.H	19
PSTAT+2682	proteomics_stat	1195441	1195479	+	1	217	R.HMGWTEAADLIVK.G	17
PSTAT+2683	proteomics_stat	1195441	1195479	+	1	217	R.HMGWTEAADLIVK.G	17
PSTAT+2684	proteomics_stat	1195480	1195506	+	1	3	K.GMEGAINAK.T	13
PSTAT+2685	proteomics_stat	1195480	1195506	+	1	3	K.GMEGAINAK.T	13
PSTAT+2686	proteomics_stat	1210645	1210683	+	1	217	R.HMGWTEAADLIVK.G	17
PSTAT+2687	proteomics_stat	1210645	1210683	+	1	217	R.HMGWTEAADLIVK.G	17
PSTAT+2688	proteomics_stat	1210684	1210710	+	1	3	K.GMEGAINAK.T	13
PSTAT+2689	proteomics_stat	1210684	1210710	+	1	3	K.GMEGAINAK.T	13
PSTAT+2690	proteomics_stat	1215465	1215500	+	3	2	R.DFSNSDSGGPNR.R	16
PSTAT+2691	proteomics_stat	1226009	1226089	+	2	5	K.AAENLQSLQGYDPSEFTFANGVFCDVK.E	31
PSTAT+2692	proteomics_stat	1226970	1226996	+	3	2	R.DQTYLYVEK.K	13
PSTAT+2693	proteomics_stat	1227087	1227113	+	3	3	K.KLVNADIEK.V	13
PSTAT+2694	proteomics_stat	1227302	1227355	+	2	6	V.MYQHNNWQGALLDYPVSK.V	22
PSTAT+2695	proteomics_stat	1227356	1227385	+	2	3	K.VVCVGSNYAK.H	14
PSTAT+2696	proteomics_stat	1227668	1227772	+	2	4	K.AFDNSCPLSGFIPAAEFTGDPQNTTLSLSVNGEQR.Q	39
PSTAT+2697	proteomics_stat	1230943	1230975	+	1	2	A.LPVDDVWGIGR.R	15
PSTAT+2698	proteomics_stat	1234371	1234424	+	3	5	K.VNNFWETSGLNILETLAR.L	22
PSTAT+2699	proteomics_stat	1234425	1234475	+	3	6	R.LDHESVPQLIDNLLSVR.T	21
PSTAT+2700	proteomics_stat	1234530	1234610	+	3	2	K.AQEVLATANEVADHADAFELDYNIFR.G	31
PSTAT+2701	proteomics_stat	1234611	1234667	+	3	5	R.GLAFASGNPIYGLILNGMK.G	23
PSTAT+2702	proteomics_stat	1237076	1237108	+	2	3	R.NCDTSHYMENK.G	15
PSTAT+2703	proteomics_stat	1237250	1237306	+	2	5	R.DIAVLEDAGVPYQLLESSR.L	23
PSTAT+2704	proteomics_stat	1237307	1237348	+	2	5	R.LAEVEPALAEVAHK.L	18

PSTAT+2705	proteomics_stat	1237349	1237420	+	2	4	K.LTGGLQLPNDETGDCQLFTQNLAR.M	28
PSTAT+2706	proteomics_stat	1237721	1237774	+	2	2	R.VGGMAEIVGFNTELLQPR.R	22
PSTAT+2707	proteomics_stat	1237817	1237894	+	2	4	R.GGHVEQATFWTGLRPMTPDGTVPVGR.T	30
PSTAT+2708	proteomics_stat	1238105	1238146	+	2	3	M.TRPIQASLDLQALK.Q	18
PSTAT+2709	proteomics_stat	1258200	1258229	+	3	5	R.VGGHEQVCDR.Y	14
PSTAT+2710	proteomics_stat	1264280	1264336	+	2	3	R.HEEVQALLGDAQTIADQER.F	23
PSTAT+2711	proteomics_stat	1264970	1265017	+	2	2	R.ITHLPTGIVVECQDER.S	20
PSTAT+2712	proteomics_stat	1265066	1265089	+	2	2	R.IHAAEMAK.R	12
PSTAT+2713	proteomics_stat	1265243	1265314	+	2	2	K.LDMLIEPIIQEHQADQLAALSEQE.-	28
PSTAT+2714	proteomics_stat	1265917	1265991	+	1	2	R.FEPLTALVAADSGMADIVHIIQSR.N	29
PSTAT+2715	proteomics_stat	1267400	1267480	+	2	45	K.VVSIGDINVANDLPFVLFGGMNVLESR.D	31
PSTAT+2716	proteomics_stat	1267496	1267528	+	2	22	R.ICEHYVTVTQK.L	15
PSTAT+2717	proteomics_stat	1267577	1267624	+	2	3	R.SSIHSYRGPGLLEEGMK.I	20
PSTAT+2718	proteomics_stat	1267598	1267624	+	2	2	R.GPGLLEEGMK.I	13
PSTAT+2719	proteomics_stat	1267658	1267747	+	2	2	V.KIITDVHEPSQAQPVADVVDVIQLPAFLAR.Q	34
PSTAT+2720	proteomics_stat	1267661	1267747	+	2	51	K.IITDVHEPSQAQPVADVVDVIQLPAFLAR.Q	33
PSTAT+2721	proteomics_stat	1267748	1267777	+	2	2	R.QTDLVEAMAK.T	14
PSTAT+2722	proteomics_stat	1267802	1267849	+	2	12	K.KPQFVSPGQMGNIVDK.F	20
PSTAT+2723	proteomics_stat	1267802	1267855	+	2	2	K.KPQFVSPGQMGNIVDKFK.E	22
PSTAT+2724	proteomics_stat	1267892	1267951	+	2	87	R.GANFGYDNLVVDMLGFSIMK.K	24
PSTAT+2725	proteomics_stat	1267952	1268008	+	2	4	K.KVSGNSPVIFDVTHALQCR.D	23
PSTAT+2726	proteomics_stat	1267955	1268008	+	2	7	K.VSGNSPVIFDVTHALQCR.D	22
PSTAT+2727	proteomics_stat	1268009	1268038	+	2	4	R.DPFGAASGGR.R	14
PSTAT+2728	proteomics_stat	1268066	1268131	+	2	8	R.AGMAVGLAGLFIEAHPDPEHAK.C	26
PSTAT+2729	proteomics_stat	1268135	1268164	+	2	2	C.DGPSALPLAK.L	14
PSTAT+2730	proteomics_stat	1268192	1268212	+	2	2	K.AIDDLVK.G	11
PSTAT+2731	proteomics_stat	1268192	1268239	+	2	3	K.AIDDLVKGFEELDTSK.-	20
PSTAT+2732	proteomics_stat	1268213	1268239	+	2	6	K.GFEELDTSK.-	13
PSTAT+2733	proteomics_stat	1271384	1271419	+	2	5	K.HVLPSHAQDIYK.E	16
PSTAT+2734	proteomics_stat	1281145	1281231	+	1	2	K.SLKEGSIRFAAEQPEGKNHPRNLFIWRS.N	33
PSTAT+2735	proteomics_stat	1289218	1289289	+	1	2	R.MAGDPPDILIQPVCPQISTLDFHR.A	28
PSTAT+2736	proteomics_stat	1289888	1289929	+	2	2	R.DWDAMVDNPA AAAK.L	18
PSTAT+2737	proteomics_stat	1290125	1290175	+	2	4	R.ALFNGLLQEQLAHQNR.L	21
PSTAT+2738	proteomics_stat	1290707	1290742	+	2	15	K.KAVIPVAGLGTR.M	16
PSTAT+2739	proteomics_stat	1290710	1290742	+	2	2	K.AVIPVAGLGTR.M	15
PSTAT+2740	proteomics_stat	1290875	1290934	+	2	2	K.NSIENHFDTSFLEAMLEKR.V	24
PSTAT+2741	proteomics_stat	1290941	1291003	+	2	4	K.RQLLDEVQSICPPHVTIMQVR.Q	25
PSTAT+2742	proteomics_stat	1290944	1291003	+	2	8	R.QLLDEVQSICPPHVTIMQVR.Q	24
PSTAT+2743	proteomics_stat	1291019	1291150	+	2	6	K.GLGHAVLCAHPVVGDEPVAVILPDVILDEYESDLSQDNLAEMIR.R	48
PSTAT+2744	proteomics_stat	1291031	1291150	+	2	2	H.AVLCAHPVVGDEPVAVILPDVILDEYESDLSQDNLAEMIR.R	44
PSTAT+2745	proteomics_stat	1291151	1291231	+	2	26	R.RFDETGHSQIMVEPVADV TAYGVVDCK.G	31
PSTAT+2746	proteomics_stat	1291154	1291231	+	2	3	R.FDETGHSQIMVEPVADV TAYGVVDCK.G	30
PSTAT+2747	proteomics_stat	1291232	1291291	+	2	6	K.GVELAPGESVPMVGVVEKPK.A	24
PSTAT+2748	proteomics_stat	1291292	1291330	+	2	3	K.ADVAPSNLAIVGR.Y	17
PSTAT+2749	proteomics_stat	1291331	1291369	+	2	5	R.YVLSADIWPLLAK.T	17
PSTAT+2750	proteomics_stat	1291487	1291525	+	2	10	K.LGYMQAFVEYGIR.H	17

PSTAT+2751	proteomics_stat	1291526	1291552	+	2	3	R.HNTLGTEFK.A	13
PSTAT+2752	proteomics_stat	1291553	1291585	+	2	2	K.AWLEEEMGIKK.-	15
PSTAT+2753	proteomics_stat	1299284	1299319	+	2	9	A.ADVPAQVTLAEK.Q	16
PSTAT+2754	proteomics_stat	1299335	1299406	+	2	13	R.NNGSEVQSLDPHKIEGVPEISNR.D	28
PSTAT+2755	proteomics_stat	1299335	1299373	+	2	2	R.NNGSEVQSLDPHK.I	17
PSTAT+2756	proteomics_stat	1299407	1299493	+	2	30	R.DLFEGLLVSDLDGHPAPGVAESWDNKDAK.V	33
PSTAT+2757	proteomics_stat	1299407	1299484	+	2	7	R.DLFEGLLVSDLDGHPAPGVAESWDNK.D	30
PSTAT+2758	proteomics_stat	1299527	1299580	+	2	11	K.WSDGTPVTAQDFVYSWQR.S	22
PSTAT+2759	proteomics_stat	1299530	1299580	+	2	2	W.SDGTPVTAQDFVYSWQR.S	21
PSTAT+2760	proteomics_stat	1299533	1299580	+	2	3	S.DGTPVTAQDFVYSWQR.S	20
PSTAT+2761	proteomics_stat	1299533	1299580	+	2	3	S.DGTPVTAQDFVYSWQR.S	20
PSTAT+2762	proteomics_stat	1299581	1299634	+	2	3	R.SVDPNTASPYASYLQYGH.I	22
PSTAT+2763	proteomics_stat	1299581	1299694	+	2	14	R.SVDPNTASPYASYLQYGHIAIDEILEGKKPITDLGVK.A	42
PSTAT+2764	proteomics_stat	1299668	1299694	+	2	8	K.KPITDLGVK.A	13
PSTAT+2765	proteomics_stat	1299695	1299754	+	2	14	K.AIDDHTLEVTLSEVPYFYK.L	24
PSTAT+2766	proteomics_stat	1299755	1299790	+	2	15	K.LLVHPSTSPVPK.A	16
PSTAT+2767	proteomics_stat	1299818	1299886	+	2	2	K.WTQPGNIVTNGAYTLKDWVNER.I	27
PSTAT+2768	proteomics_stat	1299818	1299865	+	2	12	K.WTQPGNIVTNGAYTLK.D	20
PSTAT+2769	proteomics_stat	1299866	1299886	+	2	2	K.DWVNER.I	11
PSTAT+2770	proteomics_stat	1299902	1299928	+	2	2	R.SPTYWNNAK.T	13
PSTAT+2771	proteomics_stat	1299929	1299988	+	2	2	K.TVINQVTYLPIASEVTDVNR.Y	24
PSTAT+2772	proteomics_stat	1299995	1300048	+	2	6	R.SGEIDMTNNSMPIELFQK.L	22
PSTAT+2773	proteomics_stat	1300058	1300147	+	2	2	K.EIPDEVHVDPYLCTYYEINNQKPPFNDVR.V	34
PSTAT+2774	proteomics_stat	1300166	1300198	+	2	7	K.LGMDRDIIVNK.V	15
PSTAT+2775	proteomics_stat	1300205	1300261	+	2	8	K.AQGNMPAYGYTPPYTDGAK.L	23
PSTAT+2776	proteomics_stat	1300262	1300303	+	2	3	K.LTQPEWFGWSQEK.R	18
PSTAT+2777	proteomics_stat	1300262	1300300	+	2	5	K.LTQPEWFGWSQEK.R	17
PSTAT+2778	proteomics_stat	1300319	1300399	+	2	20	K.KLLAEAGYTADKPLTINLLYNTSDLHK.K	31
PSTAT+2779	proteomics_stat	1300322	1300402	+	2	21	K.LLAEAGYTADKPLTINLLYNTSDLHKK.L	31
PSTAT+2780	proteomics_stat	1300322	1300399	+	2	7	K.LLAEAGYTADKPLTINLLYNTSDLHK.K	30
PSTAT+2781	proteomics_stat	1300403	1300432	+	2	2	K.LAIAASSLWK.K	14
PSTAT+2782	proteomics_stat	1300436	1300456	+	2	2	K.NIGVNVK.L	11
PSTAT+2783	proteomics_stat	1300496	1300522	+	2	8	R.HQGTFDVAR.A	13
PSTAT+2784	proteomics_stat	1300523	1300609	+	2	3	R.AGWCADYNEPTSFLNTMLSNSSMNTAHYK.S	33
PSTAT+2785	proteomics_stat	1300610	1300648	+	2	7	K.SPAFDSIMAETLK.V	17
PSTAT+2786	proteomics_stat	1300688	1300750	+	2	10	K.AEQQLDKDSAIVPYYYYVNAR.L	25
PSTAT+2787	proteomics_stat	1300751	1300786	+	2	2	R.LVKPWVGGYTGK.D	16
PSTAT+2788	proteomics_stat	1300751	1300813	+	2	17	R.LVKPWVGGYTGKDPLDNTYTR.N	25
PSTAT+2789	proteomics_stat	1300814	1300834	+	2	2	R.NMYIVKH.-	11
PSTAT+2790	proteomics_stat	1301079	1301126	+	3	3	K.YHLNDPIMTQYFSYLK.Q	20
PSTAT+2791	proteomics_stat	1303144	1303182	+	1	4	R.VGEQLMEVLMHLK.N	17
PSTAT+2792	proteomics_stat	1303540	1303599	+	1	3	R.DVIFYQPVHPYSIGLLNAVPR.L	24
PSTAT+2793	proteomics_stat	1303926	1303976	+	3	2	R.LYEGETLGVVGESGCGK.S	21
PSTAT+2794	proteomics_stat	1304088	1304138	+	3	2	R.SDIQMIFQDPLASLNPR.M	21
PSTAT+2795	proteomics_stat	1309260	1309361	+	3	2	M.VTPADLEPPQAVQPPPEPVVEPEPEPEPEPPK.E	38
PSTAT+2796	proteomics_stat	1309266	1309361	+	3	2	T.PADLEPPQAVQPPPEPVVEPEPEPEPEPEPPK.E	36

PSTAT+2797	proteomics_stat	1309362	1309397	+	3	2	K.EAPVVIEKPKPK.P	16
PSTAT+2798	proteomics_stat	1309509	1309574	+	3	4	R.LTSSTATAATSKPVTSVASGPR.A	26
PSTAT+2799	proteomics_stat	1312107	1312133	+	3	3	A.HEAGEFFMR.A	13
PSTAT+2800	proteomics_stat	1312311	1312391	+	3	6	R.ATGDIATVHHLPPTLMAQWYFGDASSK.F	31
PSTAT+2801	proteomics_stat	1312392	1312463	+	3	5	K.FRPYVGAGINYTTFFDNGFNDHGK.E	28
PSTAT+2802	proteomics_stat	1312605	1312637	+	3	7	K.LGGAQQHDSVR.L	15
PSTAT+2803	proteomics_stat	1322125	1322166	+	1	4	M.SQFFYIHPDNPQQR.L	18
PSTAT+2804	proteomics_stat	1322167	1322196	+	1	4	R.LINQAVEIVR.K	14
PSTAT+2805	proteomics_stat	1322197	1322250	+	1	9	R.KGGVIVYPTDSGYALGCK.I	22
PSTAT+2806	proteomics_stat	1322200	1322250	+	1	3	K.GGVIVYPTDSGYALGCK.I	21
PSTAT+2807	proteomics_stat	1322251	1322277	+	1	7	K.IEDKNAMER.I	13
PSTAT+2808	proteomics_stat	1322332	1322382	+	1	4	R.DLSELSTYSFVDNVAFR.L	21
PSTAT+2809	proteomics_stat	1322488	1322610	+	1	6	R.VPSNPIAQALLEALGEPMLSTSLMLPGSEFTESDPEEIKDR.L	45
PSTAT+2810	proteomics_stat	1322620	1322709	+	1	3	K.QVDLIHGGYLGQKPTTVIDLTDTPVVR.E	34
PSTAT+2811	proteomics_stat	1324987	1325022	+	1	2	K.LGDRVEVTPGLK.I	16
PSTAT+2812	proteomics_stat	1325080	1325121	+	1	3	R.VLAYKPEGELCTR.N	18
PSTAT+2813	proteomics_stat	1325305	1325385	+	1	4	R.VFGQVDDAKLRDLRQVLEDGPAAFK.T	31
PSTAT+2814	proteomics_stat	1325395	1325451	+	1	2	K.FSGGEGINQWYNVTLTEGR.N	23
PSTAT+2815	proteomics_stat	1325398	1325451	+	1	2	F.SGGEGINQWYNVTLTEGR.N	22
PSTAT+2816	proteomics_stat	1325554	1325598	+	1	2	R.GGWTELDLAQTNYLR.E	19
PSTAT+2817	proteomics_stat	1327485	1327562	+	3	6	R.VNNLSEQYKEMKEELAAALMDSHQK.Q	30
PSTAT+2818	proteomics_stat	1327485	1327511	+	3	2	R.VNNLSEQYK.E	13
PSTAT+2819	proteomics_stat	1327512	1327562	+	3	7	K.EMKEELAAALMDSHQK.Q	21
PSTAT+2820	proteomics_stat	1327629	1327661	+	3	7	K.LGEVATDSKPR.V	15
PSTAT+2821	proteomics_stat	1327683	1327775	+	3	7	K.GSMDAHEVNSLREEITAVLAAFKPQDQVVR.L	35
PSTAT+2822	proteomics_stat	1327683	1327718	+	3	2	K.GSMDAHEVNSLR.E	16
PSTAT+2823	proteomics_stat	1327776	1327835	+	3	6	R.LESPGGMVHGYGLAASQLQR.L	24
PSTAT+2824	proteomics_stat	1328049	1328093	+	3	4	R.TLTLGENTELEGREK.F	19
PSTAT+2825	proteomics_stat	1328148	1328219	+	3	15	R.MRPSLDIEQVATGEHWYQQAVEK.G	28
PSTAT+2826	proteomics_stat	1328220	1328279	+	3	8	K.GLVDEINTSDEVILSLMEGR.E	24
PSTAT+2827	proteomics_stat	1329177	1329206	+	3	3	R.DLPTSGSAK.K	14
PSTAT+2828	proteomics_stat	1329282	1329344	+	3	3	R.MGVDPWHNWEAHYEVLPKKEK.V	25
PSTAT+2829	proteomics_stat	1329378	1329413	+	3	4	K.ADHIYLATDLDR.E	16
PSTAT+2830	proteomics_stat	1329867	1329959	+	3	3	R.YSVLEREDKPTTSKPGAPFITSTLQQAASR.L	35
PSTAT+2831	proteomics_stat	1329885	1329959	+	3	7	R.EDKPTTSKPGAPFITSTLQQAASR.L	29
PSTAT+2832	proteomics_stat	1330035	1330079	+	3	2	R.TDSTNLSQDAVNMVR.G	19
PSTAT+2833	proteomics_stat	1330107	1330145	+	3	2	K.KYLPESPNQYASK.E	17
PSTAT+2834	proteomics_stat	1330146	1330238	+	3	4	K.ENSQAHEAIRPSDVNVMAESLKDMEADAQK.L	35
PSTAT+2835	proteomics_stat	1330146	1330214	+	3	3	K.ENSQAHEAIRPSDVNVMAESLK.D	27
PSTAT+2836	proteomics_stat	1330416	1330499	+	3	11	R.ILPAVNKGDALTLVELTPAQHFTKPPAR.F	32
PSTAT+2837	proteomics_stat	1330437	1330499	+	3	2	K.GDALTLVELTPAQHFTKPPAR.F	25
PSTAT+2838	proteomics_stat	1330539	1330592	+	3	3	R.GIGRPSTYASIIISTIQDR.G	22
PSTAT+2839	proteomics_stat	1330677	1330754	+	3	2	R.ELMNYDFTAQMENSLDQVANHEAEWK.A	30
PSTAT+2840	proteomics_stat	1330755	1330802	+	3	6	K.AVLDFHFFSDFTQQLDK.A	20
PSTAT+2841	proteomics_stat	1330965	1331042	+	3	4	K.TTINLVPENEVLNVLEGEDAETNALR.A	30
PSTAT+2842	proteomics_stat	1331109	1331171	+	3	3	K.LHVCGNPTCDGYEIEEGEFR.I	25

PSTAT+2843	proteomics_stat	1331172	1331210	+	3	7	R.IKGYDGPIVECEK.C	17
PSTAT+2844	proteomics_stat	1331304	1331366	+	3	2	R.NGEVAPPKEDPVLPPELPCCK.S	25
PSTAT+2845	proteomics_stat	1331391	1331435	+	3	4	R.DGAAGVFLAANTFPK.S	19
PSTAT+2846	proteomics_stat	1331508	1331549	+	3	5	R.YLADAPQQDPEGNK.T	18
PSTAT+2847	proteomics_stat	1331580	1331612	+	3	5	K.QQYVSSEKDGK.A	15
PSTAT+2848	proteomics_stat	1332041	1332082	+	2	10	K.HLTQVTPAGQEIR.I	18
PSTAT+2849	proteomics_stat	1332233	1332292	+	2	2	R.YPRVSLMHQGSPTQIADAV.S	24
PSTAT+2850	proteomics_stat	1332242	1332298	+	2	2	R.VSLHMHQGSPTQIADAVSK.G	23
PSTAT+2851	proteomics_stat	1332383	1332424	+	2	6	R.AIVVTPDHPLAGKK.A	18
PSTAT+2852	proteomics_stat	1332383	1332421	+	2	2	R.AIVVTPDHPLAGK.K	17
PSTAT+2853	proteomics_stat	1332425	1332490	+	2	2	K.AITIEELAQYPLVYTFGFTGR.S	26
PSTAT+2854	proteomics_stat	1332653	1332691	+	2	6	R.VDAHDIFSHSTTK.I	17
PSTAT+2855	proteomics_stat	1332770	1332799	+	2	2	R.DVVDAAVLR.S	14
PSTAT+2856	proteomics_stat	1333873	1333902	+	1	10	R.EASKDTLQAK.D	14
PSTAT+2857	proteomics_stat	1333903	1333944	+	1	24	K.DKTYHYSLPLAAK.S	18
PSTAT+2858	proteomics_stat	1333909	1333944	+	1	8	K.TYHYSLPLAAK.S	16
PSTAT+2859	proteomics_stat	1334008	1334067	+	1	3	R.WQDGNVTEEDIHALAGWLK.N	24
PSTAT+2860	proteomics_stat	1334110	1334166	+	1	6	R.VLMQDFTGVPVVDLAAMR.E	23
PSTAT+2861	proteomics_stat	1334203	1334259	+	1	2	K.VNPLSPVDLVIDHSVTVD.R.F	23
PSTAT+2862	proteomics_stat	1334260	1334295	+	1	3	R.FGDDEAFEENVR.L	16
PSTAT+2863	proteomics_stat	1334362	1334424	+	1	3	R.FSVVPPGTGICHQVNLEYLGGK.A	25
PSTAT+2864	proteomics_stat	1334626	1334682	+	1	6	K.LREGITATDLVLTVTQMLR.K	23
PSTAT+2865	proteomics_stat	1334632	1334682	+	1	65	R.EGITATDLVLTVTQMLR.K	21
PSTAT+2866	proteomics_stat	1334704	1334754	+	1	6	K.FVEFYGDGLDSLPLADR.A	21
PSTAT+2867	proteomics_stat	1334755	1334838	+	1	8	R.ATIANMSPEYGATCGFFPIDAVTLDYMR.L	32
PSTAT+2868	proteomics_stat	1334851	1334880	+	1	5	R.SEDQVELVEK.Y	14
PSTAT+2869	proteomics_stat	1334908	1334988	+	1	64	R.NPGDEPIFTSTLELDMNDVEASLAGPK.R	31
PSTAT+2870	proteomics_stat	1335028	1335078	+	1	6	K.AFAASNELEVNATHKDR.Q	21
PSTAT+2871	proteomics_stat	1335028	1335072	+	1	9	K.AFAASNELEVNATHK.D	19
PSTAT+2872	proteomics_stat	1335253	1335276	+	1	2	K.ASLAPGSK.V	12
PSTAT+2873	proteomics_stat	1335415	1335456	+	1	9	K.KSDLTVGAVLSGNR.N	18
PSTAT+2874	proteomics_stat	1335490	1335585	+	1	6	K.TNWLASPLVVAYALAGNMNINLASEPIGHDR.K	36
PSTAT+2875	proteomics_stat	1335586	1335642	+	1	7	R.KGDPVYLKDIWPSAQEIAR.A	23
PSTAT+2876	proteomics_stat	1335586	1335609	+	1	4	R.KGDPVYLK.D	12
PSTAT+2877	proteomics_stat	1335610	1335642	+	1	3	K.DIWPSAQEIAR.A	15
PSTAT+2878	proteomics_stat	1335619	1335642	+	1	2	W.PSAQEIAR.A	12
PSTAT+2879	proteomics_stat	1335643	1335678	+	1	2	R.AVEQVSTEMFRK.E	16
PSTAT+2880	proteomics_stat	1335676	1335717	+	1	5	R.KEYAEVFEGTAEWK.G	18
PSTAT+2881	proteomics_stat	1335736	1335777	+	1	3	R.SDTYGWQEDSTYIR.L	18
PSTAT+2882	proteomics_stat	1335739	1335777	+	1	2	S.DTYGWQEDSTYIR.L	17
PSTAT+2883	proteomics_stat	1335778	1335843	+	1	5	R.LSPFFDEMQUATPAPVEDIHGAR.I	26
PSTAT+2884	proteomics_stat	1335844	1335927	+	1	9	R.ILAMLGDSVTTDHISPAGSIKPDSPAGR.Y	32
PSTAT+2885	proteomics_stat	1335955	1335981	+	1	4	R.KDFNSYGSR.R	13
PSTAT+2886	proteomics_stat	1335958	1335981	+	1	3	K.DFNSYGSR.R	12
PSTAT+2887	proteomics_stat	1336030	1336074	+	1	11	R.IRNEMVPGVEGGMTR.H	19
PSTAT+2888	proteomics_stat	1336036	1336074	+	1	2	R.NEMVPGVEGGMTR.H	17

PSTAT+2889	proteomics_stat	1336075	1336122	+	1	11	R.HLPDSDVVSIYDAAMR.Y	20
PSTAT+2890	proteomics_stat	1336123	1336164	+	1	20	R.YKQEQTPLAVIAGK.E	18
PSTAT+2891	proteomics_stat	1336264	1336320	+	1	9	R.SNLIGMGILPLEFPQGVTR.K	23
PSTAT+2892	proteomics_stat	1336321	1336350	+	1	6	R.KTLGLTGEEK.I	14
PSTAT+2893	proteomics_stat	1336321	1336413	+	1	2	R.KTLGLTGEEKIDIGDLQNLQPGATVPVTLTR.A	35
PSTAT+2894	proteomics_stat	1336324	1336413	+	1	2	K.TLGLTGEEKIDIGDLQNLQPGATVPVTLTR.A	34
PSTAT+2895	proteomics_stat	1336351	1336413	+	1	5	K.IDIGDLQNLQPGATVPVTLTR.A	25
PSTAT+2896	proteomics_stat	1336414	1336446	+	1	5	R.ADGSQEVVPCR.C	15
PSTAT+2897	proteomics_stat	1336453	1336515	+	1	13	R.IDTATELTYQNDGILHYVIR.N	25
PSTAT+2898	proteomics_stat	1338504	1338572	+	3	9	K.RLENQLSPATDVAVVPHSSAAKE.-	27
PSTAT+2899	proteomics_stat	1338504	1338569	+	3	6	K.RLENQLSPATDVAVVPHSSAAK.E	26
PSTAT+2900	proteomics_stat	1339467	1339502	+	3	2	R.DGSEAAQVYITR.Q	16
PSTAT+2901	proteomics_stat	1339563	1339607	+	3	2	N.EAEEGRAKESLMVLR.D	19
PSTAT+2902	proteomics_stat	1339975	1340022	+	1	3	R.AVTNSPVVVALDYHNR.D	20
PSTAT+2903	proteomics_stat	1340023	1340049	+	1	5	R.DDALAFVDK.I	13
PSTAT+2904	proteomics_stat	1340086	1340121	+	1	3	K.EMFTLFGPQFVR.E	16
PSTAT+2905	proteomics_stat	1340470	1340499	+	1	6	R.FKQVFGQEFK.L	14
PSTAT+2906	proteomics_stat	1340554	1340649	+	1	5	R.IMTPEQALSAGVDYMVIGRPVTSVDPAQTLK.A	36
PSTAT+2907	proteomics_stat	1340554	1340610	+	1	2	R.IMTPEQALSAGVDYMVIGR.P	23
PSTAT+2908	proteomics_stat	1340611	1340649	+	1	2	R.PVTQSVDPAQTLK.A	17
PSTAT+2909	proteomics_stat	1340703	1340744	+	3	2	R.LVYSTETGRIDEPK.A	18
PSTAT+2910	proteomics_stat	1342008	1342061	+	3	7	R.DVAADRDDSDIFLLLAQS.P	22
PSTAT+2911	proteomics_stat	1359489	1359533	+	3	4	R.GLQELVVATGGS LHR.K	19
PSTAT+2912	proteomics_stat	1359846	1359896	+	3	5	R.ILFEGFITACQH HIAEK.Q	21
PSTAT+2913	proteomics_stat	1360010	1360096	+	2	3	R.AAELSLTHSAISTIEQDKVSPAISTLQK.L	33
PSTAT+2914	proteomics_stat	1360250	1360303	+	2	2	R.TLAMIFETYQPGTTTGER.I	22
PSTAT+2915	proteomics_stat	1362739	1362792	+	1	2	R.REVASDRYTGALLDHSGG.H	22
PSTAT+2916	proteomics_stat	1364561	1364587	+	2	3	R.LKNLIDAK.E	13
PSTAT+2917	proteomics_stat	1366193	1366234	+	2	8	R.LMIQEMEDTLVEVR.S	18
PSTAT+2918	proteomics_stat	1366409	1366453	+	2	7	K.SLEHEVTLVDDTLAR.M	19
PSTAT+2919	proteomics_stat	1366565	1366603	+	2	2	R.QLDSGKLDEAMAR.F	17
PSTAT+2920	proteomics_stat	1366622	1366669	+	2	9	R.RIDQMEAEASHSFGK.Q	20
PSTAT+2921	proteomics_stat	1366676	1366744	+	2	3	K.SLDDQFAELKADDAISEQLAQLK.A	27
PSTAT+2922	proteomics_stat	1367794	1367859	+	1	7	R.VPEQYQQEHVQGAINIPLKEVK.E	26
PSTAT+2923	proteomics_stat	1367866	1367904	+	1	4	R.IATAVPDKNDTVK.V	17
PSTAT+2924	proteomics_stat	1367944	1368015	+	1	2	K.EILSEMGYTHVENAGGLKDIAMPK.V	28
PSTAT+2925	proteomics_stat	1371299	1371358	+	2	2	S.RAQLITAGRSGGVADGVEYR.N	24
PSTAT+2926	proteomics_stat	1382150	1382182	+	2	4	R.LKNELNALVNR.G	15
PSTAT+2927	proteomics_stat	1383425	1383493	+	2	3	K.QGFQFEAFRPQVMDVDKPLPHIR.L	27
PSTAT+2928	proteomics_stat	1384006	1384053	+	1	4	K.LAQQAGIDQSHPALQR.W	20
PSTAT+2929	proteomics_stat	1385041	1385091	+	1	2	K.SKVDMANPASCQLFGQK.L	21
PSTAT+2930	proteomics_stat	1385107	1385151	+	1	8	R.NHTAAQLINGFNFLR.W	19
PSTAT+2931	proteomics_stat	1385314	1385379	+	1	3	R.QLQNVAAQDVSAFSQIVAVSPK.M	26
PSTAT+2932	proteomics_stat	1385503	1385592	+	1	2	R.AGKPYLALNCASIPEDAVESELFHGAPEGK.K	34
PSTAT+2933	proteomics_stat	1385503	1385595	+	1	2	R.AGKPYLALNCASIPEDAVESELFHGAPEGKK.G	35
PSTAT+2934	proteomics_stat	1385593	1385661	+	1	2	K.KGFFEQANGGSVLLDEIGEMSPR.M	27

PSTAT+2935	proteomics_stat	1385710	1385745	+	1	3	R.VGEDHEVHVDVR.V	16
PSTAT+2936	proteomics_stat	1385821	1385904	+	1	2	R.LNVLTLLNPLRDCPQDIMPLTELFVAR.F	32
PSTAT+2937	proteomics_stat	1385905	1385937	+	1	5	R.FADEQGVPRPK.L	15
PSTAT+2938	proteomics_stat	1386211	1386243	+	1	4	R.LGVSHTAIANK.L	15
PSTAT+2939	proteomics_stat	1391440	1391511	+	1	2	R.DLFEGLVNQNEKGEIVPGVATQWK.S	28
PSTAT+2940	proteomics_stat	1391560	1391613	+	1	2	K.WADGTPVTAQDFVYSWQR.L	22
PSTAT+2941	proteomics_stat	1391566	1391613	+	1	3	S.DGTPVTAQDFVYSWQR.S	20
PSTAT+2942	proteomics_stat	1391566	1391613	+	1	3	S.DGTPVTAQDFVYSWQR.S	20
PSTAT+2943	proteomics_stat	1391701	1391751	+	1	2	K.ATPDQLGVTAVDAHTLK.I	21
PSTAT+2944	proteomics_stat	1391824	1391895	+	1	5	K.ANVESGKEWTKPGNLINGAYVLK.E	28
PSTAT+2945	proteomics_stat	1392085	1392153	+	1	9	K.DIPGQVYTPPQLGTYYAFNTQK.G	27
PSTAT+2946	proteomics_stat	1392346	1392390	+	1	3	K.TLLSAAGYGPQKPLK.L	19
PSTAT+2947	proteomics_stat	1392391	1392429	+	1	3	K.LTLLYNTSENHQK.I	17
PSTAT+2948	proteomics_stat	1392463	1392483	+	1	2	K.NLGVVDVK.L	11
PSTAT+2949	proteomics_stat	1392550	1392630	+	1	2	R.ASWVGDYNEPSTFLTLTSTHSGNISR.F	31
PSTAT+2950	proteomics_stat	1392799	1392840	+	1	3	K.GYPINNPEDVAYS.R.T	18
PSTAT+2951	proteomics_stat	1399439	1399516	+	2	9	T.CDAILTISAGSKPTRSARPAPKTSAR.I	30
PSTAT+2952	proteomics_stat	1401321	1401359	+	3	14	R.QRFDGENSENLLVK.I	17
PSTAT+2953	proteomics_stat	1404237	1404278	+	3	2	R.SGKYPQQASLNLLR.Q	18
PSTAT+2954	proteomics_stat	1406089	1406142	+	1	2	K.GSDVNVDPDAVFAWMLDGR.G	22
PSTAT+2955	proteomics_stat	1406815	1406868	+	1	2	R.TGVMADIEAQVMQENLAR.R	22
PSTAT+2956	proteomics_stat	1428855	1428914	+	3	2	G.WTDRGRYAYGMFVQYQNNER.A	24
PSTAT+2957	proteomics_stat	1461566	1461664	+	2	5	M.SKLDTFIQHAVNAVPSGTSLISSLYGDSLHR.G	37
PSTAT+2958	proteomics_stat	1462498	1462593	+	1	2	M.PIYQIDGLTPVVPEESFVHPTAVLIGDVILGK.G	36
PSTAT+2959	proteomics_stat	1472290	1472343	+	1	4	R.LGYGAMQLAGPGVFGPPR.D	22
PSTAT+2960	proteomics_stat	1472374	1472451	+	1	3	R.EALALGVNHIDTSDFYGPHVTNQIIR.E	30
PSTAT+2961	proteomics_stat	1472452	1472496	+	1	2	R.EALYPYSDDLTIVTK.I	19
PSTAT+2962	proteomics_stat	1472509	1472562	+	1	2	R.RGEDASWLPAPFSPALQK.A	22
PSTAT+2963	proteomics_stat	1472716	1472763	+	1	14	K.HIGLSNVTPTQVAEAR.K	20
PSTAT+2964	proteomics_stat	1472980	1473030	+	1	12	R.SPNILLIPGTSSVAHLR.E	21
PSTAT+2965	proteomics_stat	1473052	1473102	+	1	10	K.LHLSEEVLSTLDGISRE.-	21
PSTAT+2966	proteomics_stat	1481277	1481330	+	3	4	R.EAARPEITYPDNLPVSQK.K	22
PSTAT+2967	proteomics_stat	1481667	1481756	+	3	3	I.IIDEAHERSLNIDFLLGYLKELLPRRDLK.I	34
PSTAT+2968	proteomics_stat	1481802	1481840	+	3	6	R.HFNNAPIIEVSGR.T	17
PSTAT+2969	proteomics_stat	1482231	1482272	+	3	2	R.LPIEPISQASANQR.K	18
PSTAT+2970	proteomics_stat	1482486	1482539	+	3	2	R.LLEELGAIITTEQASAYK.L	22
PSTAT+2971	proteomics_stat	1483284	1483322	+	3	2	R.KVNYSQIDPALCR.E	17
PSTAT+2972	proteomics_stat	1483491	1483517	+	3	3	R.ISHDVISAR.H	13
PSTAT+2973	proteomics_stat	1483878	1483919	+	3	2	R.VKPLELPLLDLSLER.E	18
PSTAT+2974	proteomics_stat	1484793	1484834	+	3	3	K.VENVQQAWQQWINK.L	18
PSTAT+2975	proteomics_stat	1484850	1484879	+	3	2	R.REDEDVKEIR.W	14
PSTAT+2976	proteomics_stat	1485436	1485534	+	1	9	R.DQQIPLLSGGIGHSTTFLYSAIAQHPHYNTIR.T	37
PSTAT+2977	proteomics_stat	1485547	1485606	+	1	2	R.AEATILADIAHQFWHIPHEK.I	24
PSTAT+2978	proteomics_stat	1485607	1485651	+	1	3	K.IWIEDQSTNCGENAR.F	19
PSTAT+2979	proteomics_stat	1485652	1485687	+	1	3	R.FSIALLNQAVR.V	16
PSTAT+2980	proteomics_stat	1485688	1485729	+	1	11	R.VHTAIVVDPTMQR.R	18

PSTAT+2981	proteomics_stat	1485751	1485783	+	1	2	R.RMTGDNDPDAPR.W	15
PSTAT+2982	proteomics_stat	1485754	1485783	+	1	4	R.MTGDNDPDAPR.W	14
PSTAT+2983	proteomics_stat	1485757	1485783	+	1	2	M.TGDNDPDAPR.W	13
PSTAT+2984	proteomics_stat	1485880	1485912	+	1	2	R.YLSLLTGELPR.L	15
PSTAT+2985	proteomics_stat	1485913	1485945	+	1	2	R.LRDDSDGYGPR.G	15
PSTAT+2986	proteomics_stat	1486012	1486047	+	1	3	K.HDAVLIEAMESR.S	16
PSTAT+2987	proteomics_stat	1486259	1486312	+	2	7	M.SVPVQHPMYIDGQFVTWR.G	22
PSTAT+2988	proteomics_stat	1486313	1486366	+	2	5	R.GDAWIDVVNPATEAVISR.I	22
PSTAT+2989	proteomics_stat	1486367	1486396	+	2	6	R.IPDGQAEDAR.K	14
PSTAT+2990	proteomics_stat	1486367	1486399	+	2	2	R.IPDGQAEDARK.A	15
PSTAT+2991	proteomics_stat	1486397	1486420	+	2	5	R.KAIDAAER.A	12
PSTAT+2992	proteomics_stat	1486421	1486459	+	2	4	R.AQPEWEALPAIER.A	17
PSTAT+2993	proteomics_stat	1486502	1486543	+	2	5	R.ASEISALIVEEGGK.I	18
PSTAT+2994	proteomics_stat	1486616	1486675	+	2	14	R.RYEGEIIQSDRPGENILLFK.R	24
PSTAT+2995	proteomics_stat	1486619	1486678	+	2	5	R.YEGEIIQSDRPGENILLFKR.A	24
PSTAT+2996	proteomics_stat	1486739	1486825	+	2	14	R.KMAPALLTGNTIVIKPSEFTPNNIAIAFAK.I	33
PSTAT+2997	proteomics_stat	1486742	1486825	+	2	29	K.MAPALLTGNTIVIKPSEFTPNNIAIAFAK.I	32
PSTAT+2998	proteomics_stat	1486826	1486852	+	2	3	K.IVDEIGLPR.G	13
PSTAT+2999	proteomics_stat	1486829	1486852	+	2	2	I.VDEIGLPR.G	12
PSTAT+3000	proteomics_stat	1486853	1486879	+	2	3	R.GVFNLVLGR.G	13
PSTAT+3001	proteomics_stat	1486880	1486918	+	2	10	R.GETVGQELAGNPK.V	17
PSTAT+3002	proteomics_stat	1487021	1487068	+	2	10	K.APAIVMDDADLELAVK.A	20
PSTAT+3003	proteomics_stat	1487087	1487125	+	2	3	R.VINSGQVCNCAER.V	17
PSTAT+3004	proteomics_stat	1487141	1487167	+	2	2	K.GIYDQFVNR.L	13
PSTAT+3005	proteomics_stat	1487168	1487215	+	2	10	R.LGEAMQAVQFGNPAER.N	20
PSTAT+3006	proteomics_stat	1487168	1487263	+	2	3	R.LGEAMQAVQFGNPAERNDIAMGPLINAAALER.V	36
PSTAT+3007	proteomics_stat	1487216	1487263	+	2	7	R.NDIAMGPLINAAALER.V	20
PSTAT+3008	proteomics_stat	1487339	1487377	+	2	4	K.GYYYPTLLLDVR.Q	17
PSTAT+3009	proteomics_stat	1487549	1487572	+	2	3	K.FGETYINR.E	12
PSTAT+3010	proteomics_stat	1487573	1487614	+	2	10	R.ENFEAMQGFHAGWR.K	18
PSTAT+3011	proteomics_stat	1487645	1487692	+	2	31	K.HGLHEYLQTQVVYLQS.-	20
PSTAT+3012	proteomics_stat	1494245	1494304	+	2	3	R.NAGTGQDNLTHQMHLQETFR.T	24
PSTAT+3013	proteomics_stat	1494976	1495011	+	1	5	A.ADSDIADGQQR.F	16
PSTAT+3014	proteomics_stat	1495069	1495149	+	1	2	R.GAPRPLDPTLATMTPQAYNSIQYDAEK.S	31
PSTAT+3015	proteomics_stat	1495297	1495323	+	1	3	K.YNDAGVDTK.Q	13
PSTAT+3016	proteomics_stat	1495690	1495743	+	1	2	K.QLGIAPMTSMFSCGTNER.R	22
PSTAT+3017	proteomics_stat	1495747	1495788	+	1	6	R.MCDTIHPQIHSDR.L	18
PSTAT+3018	proteomics_stat	1495804	1495848	+	1	5	R.GNGEWICRPLNNPQK.L	19
PSTAT+3019	proteomics_stat	1495849	1495884	+	1	3	K.LQFNAYTDNNPK.G	16
PSTAT+3020	proteomics_stat	1495996	1496073	+	1	2	K.GTIGLMEIPTTGETLDNIVCFWQPEK.A	30
PSTAT+3021	proteomics_stat	1499586	1499636	+	3	3	R.MIIRDENYFTDKYELTR.T	21
PSTAT+3022	proteomics_stat	1499802	1499834	+	3	4	K.SIENLDNLHTR.V	15
PSTAT+3023	proteomics_stat	1500081	1500116	+	3	2	R.VKYNEDVDELHR.T	16
PSTAT+3024	proteomics_stat	1500087	1500116	+	3	4	K.YNEDVDELHR.T	14
PSTAT+3025	proteomics_stat	1500571	1500642	+	1	2	K.YSGFLNNYSDLKETTSATGKPVLR.W	28
PSTAT+3026	proteomics_stat	1500607	1500642	+	1	9	K.ETTSATGKPVLR.W	16

PSTAT+3027	proteomics_stat	1500673	1500744	+	1	2	K.YDSIVWNPITYYPVPKPSTQVGQK.V	28
PSTAT+3028	proteomics_stat	1500673	1500720	+	1	2	K.YDSIVWNPITYYPVPK.P	20
PSTAT+3029	proteomics_stat	1500850	1500879	+	1	2	R.GAITGVDTSK.E	14
PSTAT+3030	proteomics_stat	1500850	1500954	+	1	27	R.GAITGVDTSK EGLQFYEVVPVALVVAGTQMATGHR.T	39
PSTAT+3031	proteomics_stat	1500880	1500954	+	1	47	K.EGLQFYEVVPVALVVAGTQMATGHR.T	29
PSTAT+3032	proteomics_stat	1500970	1501023	+	1	4	R.LYFEGELIDAATNKPVIK.V	22
PSTAT+3033	proteomics_stat	1501048	1501092	+	1	3	K.DLNNESTPMAFENIK.Q	19
PSTAT+3034	proteomics_stat	1501093	1501146	+	1	4	K.QVIDDMATDATMFDVNKK.-	22
PSTAT+3035	proteomics_stat	1509750	1509782	+	3	2	E.PPTNLDKPEGR.L	15
PSTAT+3036	proteomics_stat	1509783	1509818	+	3	3	R.LDIIAWPGYIER.G	16
PSTAT+3037	proteomics_stat	1509819	1509863	+	3	3	R.GQTDKQYDWVTQFEK.E	19
PSTAT+3038	proteomics_stat	1509891	1509932	+	3	3	K.TAATSDEMVSMLTK.G	18
PSTAT+3039	proteomics_stat	1509933	1509977	+	3	2	K.GGYDLVTASGDASLR.L	19
PSTAT+3040	proteomics_stat	1509993	1510034	+	3	2	K.RVQPINTALIPNWK.T	18
PSTAT+3041	proteomics_stat	1509996	1510034	+	3	4	R.VQPINTALIPNWK.T	17
PSTAT+3042	proteomics_stat	1510086	1510139	+	3	8	K.VYGTPYQWGNLLMYNTK.T	22
PSTAT+3043	proteomics_stat	1510140	1510205	+	3	5	K.TFPTPPDSWQVVFVEQNLDPDGK.S	26
PSTAT+3044	proteomics_stat	1510221	1510274	+	3	32	R.VQAYDGPYIADAALFVK.A	22
PSTAT+3045	proteomics_stat	1510275	1510346	+	3	3	K.ATQPQLGISDPYQLTEEQYQAVLK.V	28
PSTAT+3046	proteomics_stat	1510380	1510418	+	3	5	R.YWHDTTVQMSDFK.N	17
PSTAT+3047	proteomics_stat	1510380	1510472	+	3	2	R.YWHDTTVQMSDFKNEGVVASSAWPYQANALK.A	35
PSTAT+3048	proteomics_stat	1510419	1510472	+	3	5	K.NEGVASSAWPYQANALK.A	22
PSTAT+3049	proteomics_stat	1510473	1510508	+	3	3	K.AEGQPVATVFPK.E	16
PSTAT+3050	proteomics_stat	1510509	1510559	+	3	3	K.EGVTGWADTTMLHSEAK.H	21
PSTAT+3051	proteomics_stat	1510560	1510580	+	3	2	K.HPVCAWK.W	11
PSTAT+3052	proteomics_stat	1510608	1510667	+	3	6	K.VQGDVAAWFGSLPVVPEGCK.A	24
PSTAT+3053	proteomics_stat	1510743	1510766	+	3	2	K.TPIAEGGK.F	12
PSTAT+3054	proteomics_stat	1510785	1510820	+	3	2	R.WTQDYIAIMGGR.-	16
PSTAT+3055	proteomics_stat	1511174	1511203	+	2	3	R.HAMAQEALEK.V	14
PSTAT+3056	proteomics_stat	1515675	1515701	+	3	6	M.SHLDEVIAR.V	13
PSTAT+3057	proteomics_stat	1515702	1515794	+	3	5	R.VDAAIEESVIAHMNELLIALSDDAELSREDR.Y	35
PSTAT+3058	proteomics_stat	1515702	1515785	+	3	5	R.VDAAIEESVIAHMNELLIALSDDAELSR.E	32
PSTAT+3059	proteomics_stat	1517081	1517182	+	2	2	R.WVLASRPHGAPVPENFRLEEDDVATPGEGQVLLR.T	38
PSTAT+3060	proteomics_stat	1517132	1517182	+	2	2	R.LEEDDVATPGEGQVLLR.T	21
PSTAT+3061	proteomics_stat	1517222	1517293	+	2	2	R.MSDEPSYSPVDIGGVMVGGTVSR.V	28
PSTAT+3062	proteomics_stat	1517396	1517494	+	2	2	K.LGDHPQNPSWSLGLVGMFGFTAYMGLLDIGQPK.E	37
PSTAT+3063	proteomics_stat	1517495	1517563	+	2	2	K.EGETLVVAAATGPVGATVGQIGK.L	27
PSTAT+3064	proteomics_stat	1517579	1517608	+	2	4	R.VGVVAGGAEK.C	14
PSTAT+3065	proteomics_stat	1517963	1518040	+	2	3	K.EDKIHREEITDGLLENAPQTFIGLLK.G	30
PSTAT+3066	proteomics_stat	1517972	1518040	+	2	3	K.IHYREEITDGLLENAPQTFIGLLK.G	27
PSTAT+3067	proteomics_stat	1518349	1518387	+	1	2	K.HQLSIGALKPGAR.L	17
PSTAT+3068	proteomics_stat	1521454	1521519	+	1	4	K.GAYEMAYSQQENALWLATSQSR.K	26
PSTAT+3069	proteomics_stat	1521763	1521816	+	1	14	R.ELVADDATNTVYISGIGK.E	22
PSTAT+3070	proteomics_stat	1521817	1521855	+	1	2	K.ESVIWVVDGGNIK.L	17
PSTAT+3071	proteomics_stat	1521886	1521924	+	1	5	K.MSTGLALDSEGKR.L	17
PSTAT+3072	proteomics_stat	1521925	1521981	+	1	7	R.LYTTNADGELITIDTADNK.I	23

PSTAT+3073	proteomics_stat	1522084	1522113	+	1	3	K.AAEVLVVDTR.N	14
PSTAT+3074	proteomics_stat	1522135	1522179	+	1	4	K.VAAPESLAVLFNPAR.N	19
PSTAT+3075	proteomics_stat	1522180	1522203	+	1	8	R.NEAYVTHR.Q	12
PSTAT+3076	proteomics_stat	1522255	1522308	+	1	10	K.TFDTPHPNSLALSADGK.T	22
PSTAT+3077	proteomics_stat	1522345	1522380	+	1	2	K.QQEATQPDDVIR.I	16
PSTAT+3078	proteomics_stat	1525021	1525095	+	1	14	I.SSEKKLTIHIVQMFQLLSQAFYNLK.M	29
PSTAT+3079	proteomics_stat	1554667	1554696	+	1	8	K.GQAHWEGDIK.R	14
PSTAT+3080	proteomics_stat	1554700	1554765	+	1	22	R.GKGTVSTESGVLNQQPYGFNTR.F	26
PSTAT+3081	proteomics_stat	1554706	1554765	+	1	5	K.GTVSTESGVLNQQPYGFNTR.F	24
PSTAT+3082	proteomics_stat	1554781	1554828	+	1	2	K.GTNPEELIGAAHAACF.S	20
PSTAT+3083	proteomics_stat	1554940	1555008	+	1	6	K.IALKSEVAVPGIDASTFDGIIQK.A	27
PSTAT+3084	proteomics_stat	1554952	1555008	+	1	10	K.SEVAVPGIDASTFDGIIQK.A	23
PSTAT+3085	proteomics_stat	1555015	1555044	+	1	2	K.AGCPVSQVLK.A	14
PSTAT+3086	proteomics_stat	1599598	1599663	+	1	4	K.GIDFTLHQGEVHALLGGNGAGK.S	26
PSTAT+3087	proteomics_stat	1599679	1599744	+	1	3	K.IIAGITPADSGTLEIEGNNYVR.L	26
PSTAT+3088	proteomics_stat	1599745	1599825	+	1	6	R.LTPVHAHQLGIVLPQEPLLFPSLSIK.E	31
PSTAT+3089	proteomics_stat	1599880	1599951	+	1	2	K.NLLAALGCQFDLHSLAGSLDVADR.Q	28
PSTAT+3090	proteomics_stat	1600264	1600353	+	1	4	K.LWLELPGNRPQHAAGTPVLTLENLTGEGFR.N	34
PSTAT+3091	proteomics_stat	1600930	1600980	+	1	3	R.VYVMHQGEITHSALTER.D	21
PSTAT+3092	proteomics_stat	1603180	1603236	+	1	2	K.LVGVGFFTSGGNGAQQAGK.E	23
PSTAT+3093	proteomics_stat	1603447	1603512	+	1	5	R.SYYINQGTPAQLGGMLVDMAAR.Q	26
PSTAT+3094	proteomics_stat	1603537	1603590	+	1	2	K.VAFFYSSPTVTDQNNQWVK.E	22
PSTAT+3095	proteomics_stat	1603615	1603671	+	1	4	K.EHPGWEIVTTQFGYNDAK.S	23
PSTAT+3096	proteomics_stat	1603672	1603701	+	1	2	K.SLQTAEGILK.A	14
PSTAT+3097	proteomics_stat	1603702	1603782	+	1	4	K.AYSDLDIAPDANALPAAAQAAENLK.N	31
PSTAT+3098	proteomics_stat	1603702	1603791	+	1	3	K.AYSDLDIAPDANALPAAAQAAENLKNDK.V	34
PSTAT+3099	proteomics_stat	1603966	1604055	+	1	7	K.GVGQVEVSPNSVQGYDYEADGNGIVLLPER.V	34
PSTAT+3100	proteomics_stat	1604127	1604156	+	3	2	M.ADLDDIKDGK.D	14
PSTAT+3101	proteomics_stat	1604127	1604165	+	3	5	M.ADLDDIKDGKDFR.T	17
PSTAT+3102	proteomics_stat	1604274	1604333	+	3	8	K.TVMLAFDHGYFQGPTTGLER.I	24
PSTAT+3103	proteomics_stat	1604334	1604390	+	3	2	R.IDINIAPLFEHADVLMCTR.G	23
PSTAT+3104	proteomics_stat	1604403	1604444	+	3	2	R.SVVPATNRPVVL.R.A	18
PSTAT+3105	proteomics_stat	1604445	1604519	+	3	16	R.ASGANSILAELSNEAVALSMDDAVR.L	29
PSTAT+3106	proteomics_stat	1604520	1604585	+	3	2	R.LNSCAVAAQVYIGSEYEHQSIK.N	26
PSTAT+3107	proteomics_stat	1604586	1604618	+	3	2	K.NIIQLVDAGMK.V	15
PSTAT+3108	proteomics_stat	1604823	1604885	+	3	4	R.EALEMCWQAIDQGASGVDMGR.N	25
PSTAT+3109	proteomics_stat	1604886	1604924	+	3	7	R.NIFQSDHPVAMMK.A	17
PSTAT+3110	proteomics_stat	1605092	1605133	+	2	5	R.QNHLGSVQEEGNLR.F	18
PSTAT+3111	proteomics_stat	1605418	1605447	+	1	3	R.SRPAVELLAR.V	14
PSTAT+3112	proteomics_stat	1605448	1605525	+	1	3	R.VPLENVEYVADLGCQPGNSTALLQQR.W	30
PSTAT+3113	proteomics_stat	1605541	1605585	+	1	2	R.ITGIDSSPAMIAEAR.S	19
PSTAT+3114	proteomics_stat	1606030	1606098	+	1	5	R.YHQMLEEQYPLQENGQILLAFPR.L	27
PSTAT+3115	proteomics_stat	1625541	1625594	+	3	32	E.MIVLVTGATAGFGECITR.R	22
PSTAT+3116	proteomics_stat	1625649	1625708	+	3	31	R.LQELKDELGDONLYIAQLDVR.N	24
PSTAT+3117	proteomics_stat	1625820	1625864	+	3	6	K.ASVEDWETMIDTNNK.G	19
PSTAT+3118	proteomics_stat	1625913	1625993	+	3	21	R.NHGHIIINIGSTAGSWPYAGGNVYGATK.A	31

PSTAT+3119	proteomics_stat	1626027	1626053	+	3	7	R.TDLHGTA VR.V	13
PSTAT+3120	proteomics_stat	1626030	1626053	+	3	2	T.DLHGTA VR.V	12
PSTAT+3121	proteomics_stat	1626054	1626107	+	3	7	R.VTDIEPGLVGGTEFSNVR.F	22
PSTAT+3122	proteomics_stat	1626979	1627020	+	1	2	R.AMTQHLQEISESVR.Q	18
PSTAT+3123	proteomics_stat	1642560	1642583	+	3	2	R.QERANYQN.C	12
PSTAT+3124	proteomics_stat	1643688	1643768	+	3	3	G.LGLRSRSFTISTSSASSSLRSVCLNGK.R	31
PSTAT+3125	proteomics_stat	1646222	1646293	+	2	2	K.ELELLELFNALPESEQDTQLAEMR.A	28
PSTAT+3126	proteomics_stat	1653916	1653963	+	1	5	A.ETNKLVI ESGDSAQSR.Q	20
PSTAT+3127	proteomics_stat	1653928	1653963	+	1	3	K.LVIESGDSAQSR.Q	16
PSTAT+3128	proteomics_stat	1653931	1653963	+	1	6	L.VIESGDSAQSR.Q	15
PSTAT+3129	proteomics_stat	1654033	1654077	+	1	6	R.TEKEWDKADAAFDNR.D	19
PSTAT+3130	proteomics_stat	1654033	1654083	+	1	2	R.TEKEWDKADAAFDNRDK.C	21
PSTAT+3131	proteomics_stat	1654042	1654077	+	1	2	K.EWDKADAAFDNR.D	16
PSTAT+3132	proteomics_stat	1654078	1654134	+	1	2	R.DKCEQSANINAYWEPNTR.C	23
PSTAT+3133	proteomics_stat	1654262	1654300	+	2	7	R.YVHQLDNNASVMR.Y	17
PSTAT+3134	proteomics_stat	1654301	1654357	+	2	6	R.YWFEEPYEAFVELSDLYDK.H	23
PSTAT+3135	proteomics_stat	1654412	1654453	+	2	5	K.AGLVELVEINHVR.R	18
PSTAT+3136	proteomics_stat	1654454	1654498	+	2	2	R.RAEFQIIISPEYQ GK.G	19
PSTAT+3137	proteomics_stat	1654730	1654765	+	2	2	K.TPGQTLLKPTAQ.-	16
PSTAT+3138	proteomics_stat	1655673	1655696	+	3	2	R.IQSDISQR.I	12
PSTAT+3139	proteomics_stat	1655697	1655789	+	3	4	R.IINNGVPESFSTLSIVPNDQVDQPDSQVVGH.C	35
PSTAT+3140	proteomics_stat	1670776	1670802	+	1	2	R.DKLDQLSQK.-	13
PSTAT+3141	proteomics_stat	1676517	1676567	+	3	8	A.ATELTPEQAAAVKPFDR.V	21
PSTAT+3142	proteomics_stat	1676586	1676612	+	3	2	R.FNAIGEAVK.A	13
PSTAT+3143	proteomics_stat	1676625	1676699	+	3	6	R.RADKEGAASFYVVDTSDFGNSGNWR.V	29
PSTAT+3144	proteomics_stat	1676628	1676699	+	3	2	R.ADKEGAASFYVVDTSDFGNSGNWR.V	28
PSTAT+3145	proteomics_stat	1676700	1676756	+	3	3	R.VVADLYKADAEKAEETS NR.V	23
PSTAT+3146	proteomics_stat	1676721	1676756	+	3	2	K.ADAEKAETS NR.V	16
PSTAT+3147	proteomics_stat	1676757	1676843	+	3	14	R.VINGVVELPKDQAVLIEPFDTVTVQGFYR.S	33
PSTAT+3148	proteomics_stat	1676757	1676786	+	3	2	R.VINGVVELPK.D	14
PSTAT+3149	proteomics_stat	1676787	1676843	+	3	5	K.DQAVLIEPFDTVTVQGFYR.S	23
PSTAT+3150	proteomics_stat	1676844	1676876	+	3	2	R.SQPEVNDAITK.A	15
PSTAT+3151	proteomics_stat	1676892	1676918	+	3	2	K.GAYSFYIVR.Q	13
PSTAT+3152	proteomics_stat	1676919	1676951	+	3	4	R.QIDANQGGNQR.I	15
PSTAT+3153	proteomics_stat	1676988	1677038	+	3	3	K.RIVQSPDVIPADSEAGR.A	21
PSTAT+3154	proteomics_stat	1676991	1677038	+	3	9	R.IVQSPDVIPADSEAGR.A	20
PSTAT+3155	proteomics_stat	1677039	1677071	+	3	8	R.AALAAGGEAAK.K	15
PSTAT+3156	proteomics_stat	1677039	1677074	+	3	2	R.AALAAGGEAAKK.V	16
PSTAT+3157	proteomics_stat	1677072	1677128	+	3	10	K.KVEIPGVATTASPSSEVGR.F	23
PSTAT+3158	proteomics_stat	1677162	1677209	+	3	4	R.YTVTLPDGTVKVEELNK.A	20
PSTAT+3159	proteomics_stat	1677210	1677248	+	3	4	K.ATAAMMV PFD SIK.F	17
PSTAT+3160	proteomics_stat	1677249	1677299	+	3	5	K.FSGNYGNMTEVSYQVAK.R	21
PSTAT+3161	proteomics_stat	1677357	1677392	+	3	3	R.GNNLTVSADLYK.-	16
PSTAT+3162	proteomics_stat	1680252	1680281	+	3	4	K.HDMQVTVEPR.G	14
PSTAT+3163	proteomics_stat	1680534	1680560	+	3	2	R.QNEQATLTK.G	13
PSTAT+3164	proteomics_stat	1681485	1681541	+	3	2	R.LGVAFNQ MADNINALIASK.K	23

PSTAT+3165	proteomics_stat	1682718	1682753	+	3	2	R.HLPLGLITLNAYR.T	16
PSTAT+3166	proteomics_stat	1686609	1686647	+	3	3	K.LINSVQNYAWGSK.T	17
PSTAT+3167	proteomics_stat	1686648	1686728	+	3	3	K.TALTELYGMENPSSQPMaelwMGaHPK.S	31
PSTAT+3168	proteomics_stat	1686741	1686827	+	3	2	R.VQNAAGDIVSLRDVIESDKSTLLGEAVAK.R	33
PSTAT+3169	proteomics_stat	1686741	1686776	+	3	2	R.VQNAAGDIVSLR.D	16
PSTAT+3170	proteomics_stat	1686777	1686827	+	3	3	R.DVIESDKSTLLGEAVAK.R	21
PSTAT+3171	proteomics_stat	1686828	1686857	+	3	2	K.RFGELPFLFK.V	14
PSTAT+3172	proteomics_stat	1686831	1686857	+	3	3	R.FGELPFLFK.V	13
PSTAT+3173	proteomics_stat	1686858	1686932	+	3	5	K.VLCAAQPLSIQVHPNKHnSEIGFAK.E	29
PSTAT+3174	proteomics_stat	1687137	1687184	+	3	3	R.LSELFASLLNMQGEEK.S	20
PSTAT+3175	proteomics_stat	1687254	1687319	+	3	8	R.LISEFYPEDSGLFSPLLLNVVK.L	26
PSTAT+3176	proteomics_stat	1687320	1687421	+	3	2	K.LNPGEAMFLFAETPHAYLQGValeVMANSDNVLR.A	38
PSTAT+3177	proteomics_stat	1687440	1687475	+	3	3	K.YIDIPELVANVK.F	16
PSTAT+3178	proteomics_stat	1687476	1687520	+	3	10	K.FEAKPANQLLTQPVK.Q	19
PSTAT+3179	proteomics_stat	1687662	1687736	+	3	6	K.GSQQLQLKPGESAFIAANESpVTVK.G	29
PSTAT+3180	proteomics_stat	1687957	1688010	+	1	6	K.KIETHLEDMVAQANAQLK.L	22
PSTAT+3181	proteomics_stat	1687960	1688010	+	1	3	K.IETHLEDMVAQANAQLK.L	21
PSTAT+3182	proteomics_stat	1688011	1688061	+	1	3	K.LTAPESNLEVSyQNYHR.G	21
PSTAT+3183	proteomics_stat	1688062	1688112	+	1	9	R.GVFSSQLQLLVKPIAGK.E	21
PSTAT+3184	proteomics_stat	1688128	1688196	+	1	2	I.KSGQSVIFNESVDHGPFPLAQLK.K	27
PSTAT+3185	proteomics_stat	1688131	1688196	+	1	4	K.SGQSVIFNESVDHGPFPLAQLK.K	26
PSTAT+3186	proteomics_stat	1688131	1688199	+	1	3	K.SGQSVIFNESVDHGPFPLAQLK.L	27
PSTAT+3187	proteomics_stat	1688197	1688283	+	1	21	K.KLNLIPSMASIQTTLVNNEVSKPLFDMAK.G	33
PSTAT+3188	proteomics_stat	1688314	1688385	+	1	2	R.IGYSGDSSSDISLKPLNYEQKDEK.V	28
PSTAT+3189	proteomics_stat	1688314	1688376	+	1	3	R.IGYSGDSSSDISLKPLNYEQK.D	25
PSTAT+3190	proteomics_stat	1688386	1688436	+	1	4	K.VAFSGGEFQLNADRDGK.A	21
PSTAT+3191	proteomics_stat	1688437	1688472	+	1	3	K.AISLSGEAQSGR.I	16
PSTAT+3192	proteomics_stat	1688473	1688502	+	1	4	R.IDAVNEYNQK.V	14
PSTAT+3193	proteomics_stat	1688476	1688502	+	1	2	I.DAVNEYNQK.V	13
PSTAT+3194	proteomics_stat	1688503	1688529	+	1	4	K.VQLTFNNLK.T	13
PSTAT+3195	proteomics_stat	1688530	1688568	+	1	2	K.TDGSSTLASFGER.V	17
PSTAT+3196	proteomics_stat	1688533	1688568	+	1	5	T.DGSSTLASFGER.V	16
PSTAT+3197	proteomics_stat	1688662	1688685	+	1	2	K.SDLVNDGK.T	12
PSTAT+3198	proteomics_stat	1688686	1688727	+	1	2	K.TINSQLDYSLNslK.V	18
PSTAT+3199	proteomics_stat	1688728	1688757	+	1	5	K.VQNQDLGSGK.L	14
PSTAT+3200	proteomics_stat	1688887	1688928	+	1	3	K.VTEAFFSALPLMLK.G	18
PSTAT+3201	proteomics_stat	1688968	1689012	+	1	2	K.NSQGESALNLSLFLK.D	19
PSTAT+3202	proteomics_stat	1689031	1689066	+	1	2	K.EAPQTLAQEVDR.S	16
PSTAT+3203	proteomics_stat	1689091	1689141	+	1	10	K.LTIPVDMATEFMTQVAK.L	21
PSTAT+3204	proteomics_stat	1689142	1689171	+	1	2	K.LEGYQEDQAK.K	14
PSTAT+3205	proteomics_stat	1689142	1689174	+	1	3	K.LEGYQEDQAKK.L	15
PSTAT+3206	proteomics_stat	1689184	1689225	+	1	4	K.QQVEGASAMGQMFR.L	18
PSTAT+3207	proteomics_stat	1689226	1689303	+	1	7	R.LTTLQDNTITTSLQYANGQITLNGQK.M	30
PSTAT+3208	proteomics_stat	1697736	1697786	+	3	2	K.GILPTTDAAVLKANNIQ.S	21
PSTAT+3209	proteomics_stat	1700344	1700442	+	1	4	R.QYNISLPAQSLETLIPHVQVIANEPDLVSFLTK.L	37
PSTAT+3210	proteomics_stat	1700551	1700628	+	1	9	R.FSPGYMAMAHLpVAGVVEAIDGVR.E	30

PSTAT+3211	proteomics_stat	1700737	1700814	+	1	5	R.DQITALDLAGDELGFPGSLFLSHFNR.A	30
PSTAT+3212	proteomics_stat	1701073	1701162	+	1	3	R.ASINTDDPGVQGVDDIIHEYVAAPAAGLSR.E	34
PSTAT+3213	proteomics_stat	1707034	1707087	+	1	2	R.KLEQQQANAVPEEQVDPR.K	22
PSTAT+3214	proteomics_stat	1709706	1709765	+	3	2	K.LYPVANTPAAMLELGVGVK.T	24
PSTAT+3215	proteomics_stat	1709907	1709975	+	3	2	K.TANVVLNTAFGWPTIAVDTHIFR.V	27
PSTAT+3216	proteomics_stat	1712458	1712502	+	1	4	R.ESGKDFTLVSVLDMK.K	19
PSTAT+3217	proteomics_stat	1712506	1712547	+	1	7	K.RLENGDDYFAVNP.K	18
PSTAT+3218	proteomics_stat	1712509	1712547	+	1	2	R.LENGDDYFAVNP.K	17
PSTAT+3219	proteomics_stat	1712548	1712640	+	1	70	K.GQVPALLDDGTLTEGVAIMQYLADSVPR.Q	35
PSTAT+3220	proteomics_stat	1712677	1712721	+	1	2	Y.KTIEWLNYIATELHK.G	19
PSTAT+3221	proteomics_stat	1712680	1712721	+	1	9	K.TIEWLNYIATELHK.G	18
PSTAT+3222	proteomics_stat	1712722	1712778	+	1	6	K.GFTPLFRPDTPEEYKPTVR.A	23
PSTAT+3223	proteomics_stat	1712737	1712778	+	1	3	L.FRPDTPEEYKPTVR.A	18
PSTAT+3224	proteomics_stat	1712797	1712850	+	1	6	K.LQYVNEALKDEHWICGQR.F	22
PSTAT+3225	proteomics_stat	1712908	1712952	+	1	2	K.LNLEGLEHIAAFMQR.M	19
PSTAT+3226	proteomics_stat	1712953	1713003	+	1	7	R.MAERPEVQDALSAEGLK.-	21
PSTAT+3227	proteomics_stat	1718152	1718223	+	1	40	R.SLATAAGAVAGGVAGQGVQSAMNK.T	28
PSTAT+3228	proteomics_stat	1718251	1718286	+	1	10	R.KDDGNTIMVVQK.Q	16
PSTAT+3229	proteomics_stat	1718254	1718286	+	1	5	K.DDGNTIMVVQK.Q	15
PSTAT+3230	proteomics_stat	1718320	1718364	+	1	7	R.VVLASNGSQVTVSPR.-	19
PSTAT+3231	proteomics_stat	1725906	1725926	+	3	2	R.SIDFYTK.V	11
PSTAT+3232	proteomics_stat	1726791	1726868	+	3	2	R.NPFHPFATFDTAALAGLALGQTVLSK.A	30
PSTAT+3233	proteomics_stat	1733405	1733437	+	2	10	M.SFELPALPYAK.D	15
PSTAT+3234	proteomics_stat	1733438	1733491	+	2	43	K.DALAPHISAETIEYHYGK.H	22
PSTAT+3235	proteomics_stat	1733456	1733491	+	2	6	H.ISAETIEYHYGK.H	16
PSTAT+3236	proteomics_stat	1733555	1733575	+	2	4	K.SLEEIIR.S	11
PSTAT+3237	proteomics_stat	1733576	1733623	+	2	3	R.SSEGGVFNNAAQVWNH.T	20
PSTAT+3238	proteomics_stat	1733576	1733677	+	2	6	R.SSEGGVFNNAAQVWNHTFYWNCLAPNAGGEPTGK.V	38
PSTAT+3239	proteomics_stat	1733576	1733638	+	2	2	R.SSEGGVFNNAAQVWNHTFYWN.C	25
PSTAT+3240	proteomics_stat	1733577	1733651	+	3	5	A.ALKVAYSTTQLRSGTILSTGTAWHR.T	29
PSTAT+3241	proteomics_stat	1733621	1733677	+	2	3	N.HTFYWNCLAPNAGGEPTGK.V	23
PSTAT+3242	proteomics_stat	1733678	1733725	+	2	195	K.VAEAIAASFGSFADFK.A	20
PSTAT+3243	proteomics_stat	1733726	1733752	+	2	4	K.AQFTDAAIK.N	13
PSTAT+3244	proteomics_stat	1733753	1733785	+	2	5	K.NFGSGWTWLVK.N	15
PSTAT+3245	proteomics_stat	1733801	1733905	+	2	3	K.LAIVSTSNAGTPLTTDATPLLTVDVWEHAYYIDYR.N	39
PSTAT+3246	proteomics_stat	1735895	1735939	+	2	6	K.RANVSTTTVSHVINK.T	19
PSTAT+3247	proteomics_stat	1735898	1735939	+	2	5	R.ANVSTTTVSHVINK.T	18
PSTAT+3248	proteomics_stat	1735991	1736023	+	2	4	K.ELHYSPAVAR.S	15
PSTAT+3249	proteomics_stat	1736048	1736116	+	2	14	K.SIGLLATSEAAAYFAEIIIEAVEK.N	27
PSTAT+3250	proteomics_stat	1736132	1736176	+	2	3	K.GYTLILGNAWNNLEK.Q	19
PSTAT+3251	proteomics_stat	1736183	1736209	+	2	2	R.AYLSMMAQK.R	13
PSTAT+3252	proteomics_stat	1736210	1736281	+	2	4	K.RVDGLLLVMCSEYPELLAMLEEYR.H	28
PSTAT+3253	proteomics_stat	1736213	1736281	+	2	3	R.VDGLLLVMCSEYPELLAMLEEYR.H	27
PSTAT+3254	proteomics_stat	1736282	1736320	+	2	5	R.HIPMVMDWGEAK.A	17
PSTAT+3255	proteomics_stat	1736321	1736380	+	2	5	K.ADFTDAVIDNAFEGGYMAGR.Y	24
PSTAT+3256	proteomics_stat	1736474	1736497	+	2	2	K.AMEEAMIK.V	12

PSTAT+3257	proteomics_stat	1736498	1736551	+	2	4	K.VPESWIVQGFEPESGYR.A	22
PSTAT+3258	proteomics_stat	1736660	1736701	+	2	2	R.VPQDVSILIGYDNVR.N	18
PSTAT+3259	proteomics_stat	1736711	1736749	+	2	6	R.YFTPALTTIHQPK.D	17
PSTAT+3260	proteomics_stat	1736750	1736791	+	2	3	K.DSLGETAFNMMLDR.I	18
PSTAT+3261	proteomics_stat	1736807	1736839	+	2	2	R.EEPQSIEVHPR.L	15
PSTAT+3262	proteomics_stat	1744841	1744903	+	2	7	K.VWTESEKNHEAGGIYLTDEK.S	25
PSTAT+3263	proteomics_stat	1744862	1744903	+	2	4	K.NHEAGGIYLTDEK.S	18
PSTAT+3264	proteomics_stat	1744904	1744927	+	2	2	K.SALAYLEK.H	12
PSTAT+3265	proteomics_stat	1744940	1744975	+	2	15	R.LKNLGVVEEVVAK.V	16
PSTAT+3266	proteomics_stat	1744940	1745017	+	2	3	R.LKNLGVVEEVVAKVFDVNEPLSQINQA.K	30
PSTAT+3267	proteomics_stat	1744976	1745020	+	2	9	K.VFDVNEPLSQINQAK.L	19
PSTAT+3268	proteomics_stat	1745770	1745841	+	1	3	D.AAMAVAIQHGSFIEDDKQHVVFHR.D	28
PSTAT+3269	proteomics_stat	1746061	1746117	+	1	2	R.IALESNLNVDSFAQAWFAER.K	23
PSTAT+3270	proteomics_stat	1746547	1746609	+	1	4	K.TGDEIPDVGEDYTLQQPEDIR.G	25
PSTAT+3271	proteomics_stat	1747217	1747276	+	2	4	S.ARYNPYWQFARHTQRLRFWR.Y	24
PSTAT+3272	proteomics_stat	1753761	1753787	+	3	2	K.TESEMLAK.M	13
PSTAT+3273	proteomics_stat	1753788	1753817	+	3	3	K.MLDAGMNVMR.L	14
PSTAT+3274	proteomics_stat	1753791	1753817	+	3	3	M.LDAGMNVMR.L	13
PSTAT+3275	proteomics_stat	1753818	1753859	+	3	6	R.LNFSHGDYAEHGQR.I	18
PSTAT+3276	proteomics_stat	1753899	1753940	+	3	8	K.TAAILLDTKGPEIR.T	18
PSTAT+3277	proteomics_stat	1753899	1753925	+	3	7	K.TAAILLDTK.G	13
PSTAT+3278	proteomics_stat	1753941	1753979	+	3	8	R.TMKLEGGNDVSLK.A	17
PSTAT+3279	proteomics_stat	1753950	1753979	+	3	2	K.LEGGNDVSLK.A	14
PSTAT+3280	proteomics_stat	1753980	1754012	+	3	5	K.AGQTFFTTDTK.S	15
PSTAT+3281	proteomics_stat	1754157	1754189	+	3	7	K.VLNNGDLGENK.G	15
PSTAT+3282	proteomics_stat	1754157	1754240	+	3	2	K.VLNNGDLGENKGVNLPGVSIALPALAEK.D	32
PSTAT+3283	proteomics_stat	1754190	1754240	+	3	9	K.GVNLPGVSIALPALAEK.D	21
PSTAT+3284	proteomics_stat	1754241	1754306	+	3	14	K.DKQDLIFGCEQGVDFVAASFIR.K	26
PSTAT+3285	proteomics_stat	1754307	1754333	+	3	3	R.KRSDVIEIR.E	13
PSTAT+3286	proteomics_stat	1754310	1754333	+	3	6	K.RSDVIEIR.E	12
PSTAT+3287	proteomics_stat	1754346	1754381	+	3	11	K.AHGGENIHIISK.I	16
PSTAT+3288	proteomics_stat	1754349	1754381	+	3	2	A.HGGENIHIISK.I	15
PSTAT+3289	proteomics_stat	1754382	1754453	+	3	27	K.IENQEGLNMFDEILEASDGIMVAR.G	28
PSTAT+3290	proteomics_stat	1754454	1754504	+	3	14	R.GDLGVEIPVEEVIFAQK.M	21
PSTAT+3291	proteomics_stat	1754535	1754579	+	3	65	R.KVVITATQMLDSMIK.N	19
PSTAT+3292	proteomics_stat	1754535	1754597	+	3	3	R.KVVITATQMLDSMIKNRPTR.A	25
PSTAT+3293	proteomics_stat	1754538	1754579	+	3	3	K.VVITATQMLDSMIK.N	18
PSTAT+3294	proteomics_stat	1754589	1754672	+	3	3	R.PTRAEAGDVANAILDGTDAVMLSGESAK.G	32
PSTAT+3295	proteomics_stat	1754598	1754672	+	3	7	R.AEAGDVANAILDGTDAVMLSGESAK.G	29
PSTAT+3296	proteomics_stat	1754643	1754672	+	3	2	D.AVMLSGESAK.G	14
PSTAT+3297	proteomics_stat	1754673	1754723	+	3	252	K.GKYPLEAVSIMATICER.T	21
PSTAT+3298	proteomics_stat	1754802	1754867	+	3	24	R.GAVETAEKLDAPLIVVATQGGK.S	26
PSTAT+3299	proteomics_stat	1754826	1754867	+	3	2	K.LDAPLIVVATQGGK.S	18
PSTAT+3300	proteomics_stat	1754886	1754933	+	3	58	R.KYFPDATILALTTNEK.T	20
PSTAT+3301	proteomics_stat	1754889	1754933	+	3	10	K.YFPDATILALTTNEK.T	19
PSTAT+3302	proteomics_stat	1754934	1754960	+	3	8	K.TAHQLVLSK.G	13

PSTAT+3303	proteomics_stat	1754985	1755014	+	3	2	K.EITSTDDFYR.L	14
PSTAT+3304	proteomics_stat	1755024	1755131	+	3	12	K.ELALQSGLAHKGDVVVMVSGALVPSGTTNTASVHVL.-	40
PSTAT+3305	proteomics_stat	1755024	1755056	+	3	11	K.ELALQSGLAHK.G	15
PSTAT+3306	proteomics_stat	1755057	1755131	+	3	8	K.GDVVVMVSGALVPSGTTNTASVHVL.-	29
PSTAT+3307	proteomics_stat	1755520	1755564	+	1	3	A.KIDQLSSDVQTLNAK.V	19
PSTAT+3308	proteomics_stat	1755523	1755564	+	1	6	K.IDQLSSDVQTLNAK.V	18
PSTAT+3309	proteomics_stat	1755565	1755600	+	1	17	K.VDQLSNDVNAMR.S	16
PSTAT+3310	proteomics_stat	1755568	1755600	+	1	7	V.DQLSNDVNAMR.S	15
PSTAT+3311	proteomics_stat	1755601	1755636	+	1	9	R.SDVQAAKDDAAR.A	16
PSTAT+3312	proteomics_stat	1755649	1755669	+	1	3	R.LDNMATK.Y	11
PSTAT+3313	proteomics_stat	1767392	1767463	+	2	3	K.AISSGDMTLPDLAWLNTIPVIGAK.L	28
PSTAT+3314	proteomics_stat	1767498	1767572	+	3	4	W.GGRRSWRKSALILAPPPGSLGRRR.I	29
PSTAT+3315	proteomics_stat	1772854	1772907	+	1	3	R.VDHYADLSNVESVMAAAK.I	22
PSTAT+3316	proteomics_stat	1773397	1773438	+	1	3	K.KASAPGQISVNDLR.T	18
PSTAT+3317	proteomics_stat	1785469	1785489	+	1	2	K.MDNAVDR.H	11
PSTAT+3318	proteomics_stat	1785628	1785705	+	1	4	K.DQIDAIYHQTGVRPLVFYSIVLPEIR.A	30
PSTAT+3319	proteomics_stat	1785811	1785843	+	1	3	R.THGLNPNLNK.Y	15
PSTAT+3320	proteomics_stat	1785856	1785906	+	1	2	R.IAAIDYTLAHDGSLR.N	21
PSTAT+3321	proteomics_stat	1786000	1786077	+	1	3	R.AANYPFIADDMDNLVLPASLKPLQHK.L	30
PSTAT+3322	proteomics_stat	1786531	1786575	+	1	5	R.YPVTGPVATHVTDSR.R	19
PSTAT+3323	proteomics_stat	1786735	1786752	+	1	2	V.YFEKPR.T	10
PSTAT+3324	proteomics_stat	1786735	1786752	+	1	2	V.YFEKPR.T	10
PSTAT+3325	proteomics_stat	1786735	1786752	+	1	2	V.YFEKPR.T	10
PSTAT+3326	proteomics_stat	1786810	1786836	+	1	6	R.VNHGLELAR.K	13
PSTAT+3327	proteomics_stat	1786951	1786974	+	1	4	R.TTESQIHR.E	12
PSTAT+3328	proteomics_stat	1787068	1787097	+	1	2	R.ASHMFLSPDK.N	14
PSTAT+3329	proteomics_stat	1787098	1787157	+	1	4	K.NGQMTIYQTSGNPYGHIIMR.G	24
PSTAT+3330	proteomics_stat	1787326	1787373	+	1	4	R.NGSTAIAGIMAESFLR.E	20
PSTAT+3331	proteomics_stat	1787389	1787463	+	1	2	K.IVGSQPLTYGQSITDPCLGWEDTER.L	29
PSTAT+3332	proteomics_stat	1804403	1804474	+	2	4	R.IYTLTLAPSLDSATITPQIYPEGK.L	28
PSTAT+3333	proteomics_stat	1804481	1804531	+	2	2	R.CTAPVFEPGGGINVAR.A	21
PSTAT+3334	proteomics_stat	1804532	1804651	+	2	13	R.AIAHLGGSATAIFPAGGATGEHLVSLADENVPVATVEAK.D	44
PSTAT+3335	proteomics_stat	1804709	1804750	+	2	5	R.FVMPGAALNEDEFR.Q	18
PSTAT+3336	proteomics_stat	1804880	1804960	+	2	2	R.CIVDSSGEALSAAALIGNIELVKPNQK.E	31
PSTAT+3337	proteomics_stat	1804985	1805014	+	2	3	R.ELTQPDDVRK.A	14
PSTAT+3338	proteomics_stat	1805012	1805044	+	2	9	R.KAAQEIVNSGK.A	15
PSTAT+3339	proteomics_stat	1805015	1805044	+	2	4	K.AAQEIVNSGK.A	14
PSTAT+3340	proteomics_stat	1805051	1805134	+	2	2	K.RVVVSLGPQGALGVDSENCIQVPPPVK.S	32
PSTAT+3341	proteomics_stat	1805054	1805134	+	2	5	R.VVVSLGPQGALGVDSENCIQVPPPVK.S	31
PSTAT+3342	proteomics_stat	1805225	1805272	+	2	9	R.FGVAAGSAATLNQGTR.L	20
PSTAT+3343	proteomics_stat	1805841	1805882	+	3	5	R.LLSEQLGEGEIELR.N	18
PSTAT+3344	proteomics_stat	1805928	1805954	+	3	3	R.YAGHDFVK.C	13
PSTAT+3345	proteomics_stat	1805967	1806020	+	3	6	R.ELLPGFATAEADQLELLSR.S	22
PSTAT+3346	proteomics_stat	1806156	1806242	+	3	2	R.LHQWSDQPQGLDFDNALSTTPQNTWQR.R	33
PSTAT+3347	proteomics_stat	1806306	1806356	+	3	20	K.GIAFGNIDAIVEHIQQR.L	21
PSTAT+3348	proteomics_stat	1806576	1806611	+	3	3	R.QPVYQLYTLLNR.A	16

PSTAT+3349	proteomics_stat	1806618	1806665	+	3	12	R.LFGGQHLVIAQQSLDR.L	20
PSTAT+3350	proteomics_stat	1807530	1807562	+	3	2	R.RNELPDTLGLR.I	15
PSTAT+3351	proteomics_stat	1807650	1807697	+	3	2	R.AISLVEETRPLLPGVR.E	20
PSTAT+3352	proteomics_stat	1807719	1807775	+	3	7	K.EQGLLVGLASASPLHMLEK.V	23
PSTAT+3353	proteomics_stat	1807800	1807832	+	3	5	R.DSFDALASAEK.L	15
PSTAT+3354	proteomics_stat	1807800	1807883	+	3	2	R.DSFDALASAEKLPYSKPHQVYLDCAAK.L	32
PSTAT+3355	proteomics_stat	1807884	1807949	+	3	3	K.LGVDPLTCVALEDVNGMIASK.A	26
PSTAT+3356	proteomics_stat	1809027	1809080	+	3	2	R.HKQWSLAKKVLVGLVMGV.V	22
PSTAT+3357	proteomics_stat	1809396	1809428	+	3	5	R.LNAIESNYVGK.V	15
PSTAT+3358	proteomics_stat	1809429	1809476	+	3	9	K.VSDLSVPQLVLSFIPK.N	20
PSTAT+3359	proteomics_stat	1809567	1809590	+	3	4	K.LLKDDAPK.G	12
PSTAT+3360	proteomics_stat	1809567	1809599	+	3	2	K.LLKDDAPKGER.V	15
PSTAT+3361	proteomics_stat	1809840	1809878	+	3	4	R.KVWPVLTFAFTSR.S	17
PSTAT+3362	proteomics_stat	1809876	1809923	+	3	2	S.RSSAASIPLNVEAQTR.R	20
PSTAT+3363	proteomics_stat	1809879	1809923	+	3	6	R.SSAASIPLNVEAQTR.R	19
PSTAT+3364	proteomics_stat	1810233	1810292	+	3	29	R.TALNVSGSMTAGTLTSQWLK.Q	24
PSTAT+3365	proteomics_stat	1810305	1810346	+	3	6	K.AILSSEDDAELAAH.-	18
PSTAT+3366	proteomics_stat	1812083	1812109	+	2	3	K.LNSLEDVRK.G	13
PSTAT+3367	proteomics_stat	1812107	1812151	+	2	8	R.KGSENYALTTNQGVR.I	19
PSTAT+3368	proteomics_stat	1812110	1812151	+	2	2	K.GSENYALTTNQGVR.I	18
PSTAT+3369	proteomics_stat	1812281	1812316	+	2	3	R.GSAAHGYFQPYK.S	16
PSTAT+3370	proteomics_stat	1812386	1812430	+	2	2	R.FSTVQGGAGSADTVR.D	19
PSTAT+3371	proteomics_stat	1813157	1813213	+	2	3	R.LGGPNFHEIPINRPTCPYH.N	23
PSTAT+3372	proteomics_stat	1813382	1813417	+	2	6	R.SPSFGEYSHPR.L	16
PSTAT+3373	proteomics_stat	1813454	1813489	+	2	2	R.HIVDGFSELSK.V	16
PSTAT+3374	proteomics_stat	1813517	1813570	+	2	3	R.VVDQLAHIDLTLAQAVAK.N	22
PSTAT+3375	proteomics_stat	1813643	1813687	+	2	6	K.DPSLSLYAIPDGDVK.G	19
PSTAT+3376	proteomics_stat	1813961	1813996	+	2	2	K.HLKPIALAGDAR.K	16
PSTAT+3377	proteomics_stat	1814018	1814110	+	2	7	K.IADQGEEGIVEADSADGSFMDLTLMAAHR.V	35
PSTAT+3378	proteomics_stat	1820482	1820508	+	1	3	S.MTLQQQIIK.A	13
PSTAT+3379	proteomics_stat	1820509	1820556	+	1	5	K.ALGAKPQINAEIEIR.S	20
PSTAT+3380	proteomics_stat	1820509	1820553	+	1	4	K.ALGAKPQINAEIEIR.R	19
PSTAT+3381	proteomics_stat	1820575	1820604	+	1	2	K.SYLQTYPFIK.S	14
PSTAT+3382	proteomics_stat	1820605	1820655	+	1	4	K.SLVLGISGGQDSTLAGK.L	21
PSTAT+3383	proteomics_stat	1820656	1820685	+	1	3	K.LCQMAINELR.L	14
PSTAT+3384	proteomics_stat	1820686	1820727	+	1	5	R.LETGNEQLQFIQAVR.L	18
PSTAT+3385	proteomics_stat	1820728	1820796	+	1	10	R.LPYGVQADEQDCQDAIAFIQPDV.V	27
PSTAT+3386	proteomics_stat	1820818	1820850	+	1	2	K.GAVLASEQALR.E	15
PSTAT+3387	proteomics_stat	1820851	1820883	+	1	2	R.EAGIELSDFVR.G	15
PSTAT+3388	proteomics_stat	1820914	1821000	+	1	37	K.AQYSIAGMTSGVVVGTDHAAEAITGFFTK.Y	33
PSTAT+3389	proteomics_stat	1821061	1821102	+	1	4	K.QLLAALACPEHLYK.K	18
PSTAT+3390	proteomics_stat	1821103	1821204	+	1	3	K.KAPTADLEDDRPSLPDEVALGVTYDNIDDYLEGK.N	38
PSTAT+3391	proteomics_stat	1821268	1821303	+	1	14	R.RPPITVDFDFWK.K	16
PSTAT+3392	proteomics_stat	1830488	1830523	+	2	6	R.ARPHQLEAIVEK.H	16
PSTAT+3393	proteomics_stat	1830524	1830559	+	2	8	K.HQPDPVIGLQETK.V	16
PSTAT+3394	proteomics_stat	1830560	1830598	+	2	2	K.VHDDMFPLEEVAK.L	17

PSTAT+3395	proteomics_stat	1830599	1830631	+	2	4	K.LGYNVFYHGQK.G	15
PSTAT+3396	proteomics_stat	1830722	1830799	+	2	8	R.IIMAEIPSLGNVTVINGYFPQGESR.D	30
PSTAT+3397	proteomics_stat	1830827	1830874	+	2	2	K.AQFYQNLQNYLETELK.R	20
PSTAT+3398	proteomics_stat	1830827	1830877	+	2	8	K.AQFYQNLQNYLETELKR.D	21
PSTAT+3399	proteomics_stat	1830878	1830955	+	2	3	R.DNPVLMGDMNISPTDLDIGIGEENR.K	30
PSTAT+3400	proteomics_stat	1831205	1831252	+	2	6	R.SMEKPSDHAPVWATFR.R	20
PSTAT+3401	proteomics_stat	1834025	1834066	+	2	2	R.FNSAMDIPAQGLCR.I	18
PSTAT+3402	proteomics_stat	1837560	1837613	+	3	3	A.AELAKPLTDQLQQQNGK.A	22
PSTAT+3403	proteomics_stat	1837842	1837895	+	3	5	K.AGLTHISILSDALSEPSR.L	22
PSTAT+3404	proteomics_stat	1837905	1837964	+	3	3	K.LPHFEQLVYPQWLHDLQQGK.E	24
PSTAT+3405	proteomics_stat	1838247	1838300	+	3	2	R.LLDGGWQWSDAGLPVER.G	22
PSTAT+3406	proteomics_stat	1840395	1840442	+	3	4	S.MDQTYSLSEFLNHVQK.R	20
PSTAT+3407	proteomics_stat	1840443	1840481	+	3	4	K.RDPNQTEFAQAVR.E	17
PSTAT+3408	proteomics_stat	1840446	1840481	+	3	5	R.DPNQTEFAQAVR.E	16
PSTAT+3409	proteomics_stat	1840482	1840526	+	3	6	R.EVMTTLWPFLEQNPK.Y	19
PSTAT+3410	proteomics_stat	1840638	1840670	+	3	2	R.VQFSSAIGPYK.G	15
PSTAT+3411	proteomics_stat	1840683	1840715	+	3	2	R.FHPSVNLSILK.F	15
PSTAT+3412	proteomics_stat	1840743	1840778	+	3	3	K.NALTTLPMGGGK.G	16
PSTAT+3413	proteomics_stat	1840863	1840916	+	3	8	R.HLGADTDVPAGDIGVGGR.E	22
PSTAT+3414	proteomics_stat	1840866	1840916	+	3	2	H.LGADTDVPAGDIGVGGR.E	21
PSTAT+3415	proteomics_stat	1840950	1840985	+	3	3	K.LSNNTACVFTGK.G	16
PSTAT+3416	proteomics_stat	1840986	1841066	+	3	17	K.GLSFGGSLIRPEATGYGLVYFTEAMLK.R	31
PSTAT+3417	proteomics_stat	1840986	1841069	+	3	2	K.GLSFGGSLIRPEATGYGLVYFTEAMLKR.H	32
PSTAT+3418	proteomics_stat	1841097	1841144	+	3	4	R.VSVSGSGNVAQYAIK.A	20
PSTAT+3419	proteomics_stat	1841166	1841222	+	3	13	R.VITASDSSGTVVDESGFTK.E	23
PSTAT+3420	proteomics_stat	1841169	1841222	+	3	2	V.ITASDSSGTVVDESGFTK.E	22
PSTAT+3421	proteomics_stat	1841289	1841417	+	3	3	K.EFGLVYLEGQQPWSLPVDIALPCATQNELDVDAHQLIANGVK.A	47
PSTAT+3422	proteomics_stat	1841352	1841417	+	3	2	L.PCATQNELDVDAHQLIANGVK.A	26
PSTAT+3423	proteomics_stat	1841418	1841504	+	3	18	K.AVAEGANMPTTIEATELFQQAGVLFAPGK.A	33
PSTAT+3424	proteomics_stat	1841505	1841564	+	3	9	K.AANAGGVATSGLEMAQNAAR.L	24
PSTAT+3425	proteomics_stat	1845268	1845294	+	1	3	R.DRFIVDACL.H	13
PSTAT+3426	proteomics_stat	1847134	1847175	+	1	2	R.LQENSLFDIVNTIR.Q	18
PSTAT+3427	proteomics_stat	1847224	1847268	+	1	3	K.NFAGGDQPSMQYIGK.A	19
PSTAT+3428	proteomics_stat	1847551	1847601	+	1	2	R.WIGELWQNYLNTVAANR.Q	21
PSTAT+3429	proteomics_stat	1848376	1848414	+	1	3	K.IAQGHVWTGQDAK.A	17
PSTAT+3430	proteomics_stat	1848484	1848537	+	1	6	K.VKQWHLEYVDEPTFFDK.V	22
PSTAT+3431	proteomics_stat	1848941	1848982	+	2	2	R.SEQGYIPVSGHLQR.Q	18
PSTAT+3432	proteomics_stat	1849373	1849447	+	2	11	K.AHADGFDAFASPPLPLEAGIHIR.R	29
PSTAT+3433	proteomics_stat	1849448	1849564	+	2	3	R.RLNTPPAPHGEGELIVHPITPQPIGVVTIYPGISADVVR.N	43
PSTAT+3434	proteomics_stat	1849604	1849636	+	2	2	R.SYGVGNAPQNK.A	15
PSTAT+3435	proteomics_stat	1849808	1849855	+	2	7	K.LHYLLSQELDTETIRK.A	20
PSTAT+3436	proteomics_stat	1860807	1860830	+	3	7	K.VGINGFGR.I	12
PSTAT+3437	proteomics_stat	1860864	1860932	+	3	3	K.RSDIEIVAINDLLDADYMayMLK.Y	27
PSTAT+3438	proteomics_stat	1860867	1860932	+	3	1170	R.SDIEIVAINDLLDADYMayMLK.Y	26
PSTAT+3439	proteomics_stat	1860891	1860932	+	3	208	I.NDLLDADYMayMLK.Y	18
PSTAT+3440	proteomics_stat	1860933	1860977	+	3	20	K.YDSTHGRFDGTVEVK.D	19

PSTAT+3441	proteomics_stat	1860954	1861004	+	3	14	R.FDGTVEVKDGHLIVNGK.K	21
PSTAT+3442	proteomics_stat	1860954	1860977	+	3	11	R.FDGTVEVK.D	12
PSTAT+3443	proteomics_stat	1860978	1861004	+	3	46	K.DGHLIVNGK.K	13
PSTAT+3444	proteomics_stat	1861014	1861046	+	3	26	R.VTAERDPANLK.W	15
PSTAT+3445	proteomics_stat	1861014	1861115	+	3	1184	R.VTAERDPANLKWDEVGVDVVAEATGLFLTDEAR.K	38
PSTAT+3446	proteomics_stat	1861014	1861118	+	3	92	R.VTAERDPANLKWDEVGVDVVAEATGLFLTDEAR.H	39
PSTAT+3447	proteomics_stat	1861029	1861115	+	3	31	R.DPANLKWDEVGVDVVAEATGLFLTDEAR.K	33
PSTAT+3448	proteomics_stat	1861029	1861118	+	3	14	R.DPANLKWDEVGVDVVAEATGLFLTDEAR.H	34
PSTAT+3449	proteomics_stat	1861032	1861115	+	3	9	D.PANLKWDEVGVDVVAEATGLFLTDEAR.K	32
PSTAT+3450	proteomics_stat	1861041	1861118	+	3	130	N.LKWDEVGVDVVAEATGLFLTDEAR.H	30
PSTAT+3451	proteomics_stat	1861047	1861115	+	3	1996	K.WDEVGVDVVAEATGLFLTDEAR.K	27
PSTAT+3452	proteomics_stat	1861047	1861118	+	3	476	K.WDEVGVDVVAEATGLFLTDEAR.H	28
PSTAT+3453	proteomics_stat	1861140	1861190	+	3	7	K.KVVMTGPSKDNTPMFVK.G	21
PSTAT+3454	proteomics_stat	1861143	1861190	+	3	12	K.VVMTGPSKDNTPMFVK.G	20
PSTAT+3455	proteomics_stat	1861143	1861196	+	3	9	K.VVMTGPSKDNTPMFVKGA.N	22
PSTAT+3456	proteomics_stat	1861143	1861166	+	3	5	K.VVMTGPSK.D	12
PSTAT+3457	proteomics_stat	1861167	1861190	+	3	2	K.DNTPMFVK.G	12
PSTAT+3458	proteomics_stat	1861191	1861274	+	3	4	K.GANFDKYAGQDIVSNASCTTNCLAPLAK.V	32
PSTAT+3459	proteomics_stat	1861209	1861274	+	3	8	K.YAGQDIVSNASCTTNCLAPLAK.V	26
PSTAT+3460	proteomics_stat	1861272	1861346	+	3	12	A.KVINDNFGIIEGLMTTVHATTATQK.T	29
PSTAT+3461	proteomics_stat	1861275	1861346	+	3	838	K.VINDNFGIIEGLMTTVHATTATQK.T	28
PSTAT+3462	proteomics_stat	1861275	1861325	+	3	6	K.VINDNFGIIEGLMTTVH.A	21
PSTAT+3463	proteomics_stat	1861278	1861346	+	3	4	V.INDNFGIIEGLMTTVHATTATQK.T	27
PSTAT+3464	proteomics_stat	1861281	1861346	+	3	2	I.NDNFGIIEGLMTTVHATTATQK.T	26
PSTAT+3465	proteomics_stat	1861293	1861346	+	3	28	F.GIIEGLMTTVHATTATQK.T	22
PSTAT+3466	proteomics_stat	1861299	1861346	+	3	10	I.IEGLMTTVHATTATQK.T	20
PSTAT+3467	proteomics_stat	1861311	1861346	+	3	6	L.MTTVHATTATQK.T	16
PSTAT+3468	proteomics_stat	1861314	1861346	+	3	3	M.TTVHATTATQK.T	15
PSTAT+3469	proteomics_stat	1861323	1861346	+	3	3	V.HATTATQK.T	12
PSTAT+3470	proteomics_stat	1861389	1861433	+	3	38	R.GASQNIIPSSTGAAK.A	19
PSTAT+3471	proteomics_stat	1861491	1861532	+	3	77	R.VPTPNVSVVDLTVR.L	18
PSTAT+3472	proteomics_stat	1861602	1861682	+	3	355	K.GVLGYTEDDVVSTDFNGEVCTSVFDAK.A	31
PSTAT+3473	proteomics_stat	1861683	1861715	+	3	23	K.AGIALNDNFVK.L	15
PSTAT+3474	proteomics_stat	1861713	1861757	+	3	2	V.KLVSWYDNETGYSNK.V	19
PSTAT+3475	proteomics_stat	1861716	1861757	+	3	100	K.LVSWYDNETGYSNK.V	18
PSTAT+3476	proteomics_stat	1861719	1861757	+	3	7	L.VSWYDNETGYSNK.V	17
PSTAT+3477	proteomics_stat	1861722	1861757	+	3	2	V.SWYDNETGYSNK.V	16
PSTAT+3478	proteomics_stat	1861728	1861757	+	3	3	W.YDNETGYSNK.V	14
PSTAT+3479	proteomics_stat	1861758	1861787	+	3	25	K.VLDLIAHISK.-	14
PSTAT+3480	proteomics_stat	1861883	1861933	+	2	7	K.KIFALPVIEQISPVLSR.R	21
PSTAT+3481	proteomics_stat	1861886	1861933	+	2	9	K.IFALPVIEQISPVLSR.R	20
PSTAT+3482	proteomics_stat	1861937	1861984	+	2	20	R.KLDELDLIVDHPQVK.A	20
PSTAT+3483	proteomics_stat	1861985	1862077	+	2	14	K.ASFALQGAHLLSWKPAGEEVLWLSNNTPFK.N	35
PSTAT+3484	proteomics_stat	1862096	1862170	+	2	9	R.GGVPVCWPWFPGPAAQQGLPAHG FAR.N	29
PSTAT+3485	proteomics_stat	1862423	1862449	+	2	11	R.FIDKVNDAK.E	13
PSTAT+3486	proteomics_stat	1862423	1862491	+	2	4	R.FIDKVNDAKENVLTDGIQTFPDR.T	27

PSTAT+3487	proteomics_stat	1862450	1862491	+	2	2	K.ENVLTDGIQTFPDR.T	18
PSTAT+3488	proteomics_stat	1862501	1862554	+	2	4	R.VYLNPDQDCSVINDEALNR.I	22
PSTAT+3489	proteomics_stat	1864932	1864955	+	3	5	T.MNIFDHYR.Q	12
PSTAT+3490	proteomics_stat	1864956	1865018	+	3	11	R.QRYEAAKDEEFTLQEFLTTCR.Q	25
PSTAT+3491	proteomics_stat	1864962	1865018	+	3	20	R.YEAAKDEEFTLQEFLTTCR.Q	23
PSTAT+3492	proteomics_stat	1865028	1865054	+	3	6	R.SAYANAAER.L	13
PSTAT+3493	proteomics_stat	1865031	1865054	+	3	2	S.AYANAAER.L	12
PSTAT+3494	proteomics_stat	1865055	1865108	+	3	7	R.LLMAIGEPVMVDTAQEPR.L	22
PSTAT+3495	proteomics_stat	1865145	1865210	+	3	3	R.YPAFEEFYGMEDAIEQIVSYLK.H	26
PSTAT+3496	proteomics_stat	1865211	1865237	+	3	8	K.HAAQGLEEK.K	13
PSTAT+3497	proteomics_stat	1865211	1865240	+	3	2	K.HAAQGLEEKK.Q	14
PSTAT+3498	proteomics_stat	1865238	1865279	+	3	26	K.KQILYLLGPPVGGGK.S	18
PSTAT+3499	proteomics_stat	1865298	1865354	+	3	9	R.LKSLMQLVPIYVLSANGER.S	23
PSTAT+3500	proteomics_stat	1865304	1865354	+	3	9	K.SLMQLVPIYVLSANGER.S	21
PSTAT+3501	proteomics_stat	1865355	1865438	+	3	4	R.SPVNDHPFCLFNPQEDAQILEKEYGIPR.R	32
PSTAT+3502	proteomics_stat	1865355	1865420	+	3	4	R.SPVNDHPFCLFNPQEDAQILEK.E	26
PSTAT+3503	proteomics_stat	1865442	1865477	+	3	2	R.YLGTIMSPWAAK.R	16
PSTAT+3504	proteomics_stat	1865478	1865510	+	3	7	K.RLHEFGGDITK.F	15
PSTAT+3505	proteomics_stat	1865484	1865510	+	3	4	L.HEFGGDITK.F	13
PSTAT+3506	proteomics_stat	1865526	1865564	+	3	9	K.VWPSILQQIAIAK.T	17
PSTAT+3507	proteomics_stat	1865565	1865615	+	3	13	K.TEPGDENNQDISALVGK.V	21
PSTAT+3508	proteomics_stat	1865628	1865690	+	3	27	R.KLEHYAQNDPDAYGYSGALCR.A	25
PSTAT+3509	proteomics_stat	1865631	1865690	+	3	4	K.LEHYAQNDPDAYGYSGALCR.A	24
PSTAT+3510	proteomics_stat	1865691	1865729	+	3	26	R.ANQGIMEFVEMFK.A	17
PSTAT+3511	proteomics_stat	1865691	1865741	+	3	2	R.ANQGIMEFVEMFKAPIK.V	21
PSTAT+3512	proteomics_stat	1865868	1865900	+	3	10	R.NNKNNEAFLDR.V	15
PSTAT+3513	proteomics_stat	1865964	1866029	+	3	15	K.LLNHSELTHAPCAPGTLETLSR.F	26
PSTAT+3514	proteomics_stat	1866048	1866083	+	3	19	R.LKEPENSSIYSK.M	16
PSTAT+3515	proteomics_stat	1866090	1866128	+	3	2	R.VYDGESLKDTPK.A	17
PSTAT+3516	proteomics_stat	1866153	1866197	+	3	22	R.DYAGVDEGMNGLSTR.F	19
PSTAT+3517	proteomics_stat	1866222	1866299	+	3	37	R.VFNFDHVEVAANPVHLFYVLEQQIER.E	30
PSTAT+3518	proteomics_stat	1866330	1866347	+	3	2	R.YLEFLK.G	10
PSTAT+3519	proteomics_stat	1866387	1866446	+	3	6	K.EIQTAYLESYSEYQNIIFDR.Y	24
PSTAT+3520	proteomics_stat	1866447	1866521	+	3	5	R.YVTYADFWIQDQEYRDPDTGQLFDR.E	29
PSTAT+3521	proteomics_stat	1866492	1866521	+	3	2	R.DPDTGQLFDR.E	14
PSTAT+3522	proteomics_stat	1866522	1866581	+	3	6	R.ESLNAELEKIEKPAGISNPK.D	24
PSTAT+3523	proteomics_stat	1866549	1866581	+	3	17	K.IEKPAGISNPK.D	15
PSTAT+3524	proteomics_stat	1866549	1866590	+	3	2	K.IEKPAGISNPKDFR.N	18
PSTAT+3525	proteomics_stat	1866582	1866617	+	3	4	K.DFRNEIVNFVLR.A	16
PSTAT+3526	proteomics_stat	1866591	1866617	+	3	2	R.NEIVNFVLR.A	13
PSTAT+3527	proteomics_stat	1866642	1866668	+	3	5	R.NPNWTSYEK.L	13
PSTAT+3528	proteomics_stat	1866690	1866743	+	3	8	K.KMFSNTEELLPVISFNAK.T	22
PSTAT+3529	proteomics_stat	1866693	1866743	+	3	8	K.MFSNTEELLPVISFNAK.T	21
PSTAT+3530	proteomics_stat	1866744	1866788	+	3	4	K.TSTDEQKKHDDFVDR.M	19
PSTAT+3531	proteomics_stat	1866768	1866788	+	3	2	K.HDDFVDR.M	11
PSTAT+3532	proteomics_stat	1867072	1867101	+	1	2	K.QSISEAINKR.S	14

PSTAT+3533	proteomics_stat	1867537	1867611	+	1	2	R.ELHALEENLAIISNSEPAQLLEEER.L	29
PSTAT+3534	proteomics_stat	1871676	1871702	+	3	3	R.VVTHEAVGK.C	13
PSTAT+3535	proteomics_stat	1871775	1871867	+	3	6	K.GNGVNVHVLAILAADQQADLSQLASHIGGLR.A	35
PSTAT+3536	proteomics_stat	1871868	1871951	+	3	3	R.ASLASPAEVDDELTCVFGAIPPFHFHPK.L	32
PSTAT+3537	proteomics_stat	1874951	1874989	+	2	4	K.RVYDPAEQSDGYR.I	17
PSTAT+3538	proteomics_stat	1875089	1875127	+	2	4	K.AFHGEVVYATFR.E	17
PSTAT+3539	proteomics_stat	1875128	1875175	+	2	4	R.EQYLAELAQHEQEGKR.L	20
PSTAT+3540	proteomics_stat	1875194	1875226	+	2	3	K.KQPLTLLYSK.N	15
PSTAT+3541	proteomics_stat	1875227	1875271	+	2	5	K.NTTQNHALVLADWLR.S	19
PSTAT+3542	proteomics_stat	1876486	1876557	+	1	2	I.GRLGGDEFVLVSLNENADISSLR.E	28
PSTAT+3543	proteomics_stat	1880887	1880949	+	1	2	R.FQQAHNGLAAIEEVIAHGPK.T	25
PSTAT+3544	proteomics_stat	1891424	1891546	+	2	9	R.WSDVVIHNNTLYYTGVPENLDADAFEQTANTLAQIDAVLEK.Q	45
PSTAT+3545	proteomics_stat	1891562	1891624	+	2	10	K.SSILDATIFLADKNDFAAMNK.A	25
PSTAT+3546	proteomics_stat	1891625	1891666	+	2	9	K.AWDVAVVAGHAPVR.C	18
PSTAT+3547	proteomics_stat	1891667	1891699	+	2	4	R.CTVQAGLMNPK.Y	15
PSTAT+3548	proteomics_stat	1893045	1893095	+	3	2	R.TTTTDDPLQVLQQLDR.A	21
PSTAT+3549	proteomics_stat	1894365	1894439	+	3	2	K.HAGQVAFPGGAVDDTDASAIAAALR.E	29
PSTAT+3550	proteomics_stat	1899476	1899556	+	2	4	A.LSRFCGGSLSARMAMKTRLSIPSTISR.T	31
PSTAT+3551	proteomics_stat	1900075	1900128	+	1	27	V.TIAIVIGTHGWAAEQLLK.T	22
PSTAT+3552	proteomics_stat	1900129	1900215	+	1	6	K.TAEMLLGEQENVGWIDFVPGENAETLIEK.Y	33
PSTAT+3553	proteomics_stat	1900216	1900236	+	1	2	K.YNAQLAK.L	11
PSTAT+3554	proteomics_stat	1900252	1900308	+	1	36	K.GVLFLVDTWGGSPFNAASR.I	23
PSTAT+3555	proteomics_stat	1900387	1900440	+	1	293	R.DDDPSFDELVALAVETGR.E	22
PSTAT+3556	proteomics_stat	1900480	1900512	+	1	8	K.AAPAPAAAAPK.A	15
PSTAT+3557	proteomics_stat	1900513	1900575	+	1	2	K.AAPTPAKPMGPN DYMVIGLAR.I	25
PSTAT+3558	proteomics_stat	1900588	1900614	+	1	2	R.LIHGQVATR.W	13
PSTAT+3559	proteomics_stat	1900642	1900686	+	1	11	R.IIVVSDEVAADTVRK.T	19
PSTAT+3560	proteomics_stat	1900642	1900683	+	1	7	R.IIVVSDEVAADTVR.K	18
PSTAT+3561	proteomics_stat	1900684	1900746	+	1	21	R.KTLLTQVAPPGVTAHVVDVAK.M	25
PSTAT+3562	proteomics_stat	1900687	1900746	+	1	14	K.TLLTQVAPPGVTAHVVDVAK.M	24
PSTAT+3563	proteomics_stat	1900789	1900827	+	1	8	R.VMLLFTNPTDVER.L	17
PSTAT+3564	proteomics_stat	1900849	1900884	+	1	4	K.ITSVNVGGMAFR.Q	16
PSTAT+3565	proteomics_stat	1900894	1900950	+	1	7	K.TQVNNAVSVDEKDIEAFKK.L	23
PSTAT+3566	proteomics_stat	1900894	1900929	+	1	4	K.TQVNNAVSVDEK.D	16
PSTAT+3567	proteomics_stat	1900894	1900947	+	1	2	K.TQVNNAVSVDEKDIEAFK.K	22
PSTAT+3568	proteomics_stat	1901847	1901903	+	3	3	R.VAGAPAQAAGNNDLDNELD.-	23
PSTAT+3569	proteomics_stat	1901922	1901951	+	3	2	M.VDTTQTTEK.K	14
PSTAT+3570	proteomics_stat	1901991	1902026	+	3	4	R.SNLFQGSWNFER.M	16
PSTAT+3571	proteomics_stat	1902027	1902071	+	3	10	R.MQALGFCFSMVP AIR.R	19
PSTAT+3572	proteomics_stat	1902072	1902101	+	3	8	R.RLYPENNEAR.K	14
PSTAT+3573	proteomics_stat	1902120	1902197	+	3	216	R.HLEFFNTQPFAAPILGVTLALEEQR.A	30
PSTAT+3574	proteomics_stat	1902198	1902242	+	3	6	R.ANGAEIDDGAINGIK.V	19
PSTAT+3575	proteomics_stat	1902243	1902314	+	3	4	K.VGLMGLAGVGDPIFWGTVRPVFA.A	28
PSTAT+3576	proteomics_stat	1902453	1902479	+	3	2	K.DMGGGFLQK.L	13
PSTAT+3577	proteomics_stat	1902537	1902572	+	3	8	K.WTHVNIPLVVSRI	16
PSTAT+3578	proteomics_stat	1907087	1907119	+	2	2	R.GTSTVQYLHTK.S	15

PSTAT+3579	proteomics_stat	1915948	1915992	+	1	5	K.GKEQDHFVALDTQPK.Y	19
PSTAT+3580	proteomics_stat	1916386	1916469	+	1	4	K.LELPSGAGLTADSTPLMYQGLEVGQLTK.L	32
PSTAT+3581	proteomics_stat	1916494	1916541	+	1	2	K.VTGEMTVDPSVVTLLR.E	20
PSTAT+3582	proteomics_stat	1917181	1917225	+	1	3	R.ANAFDIDLHIKPEYR.N	19
PSTAT+3583	proteomics_stat	1917334	1917381	+	1	2	K.GAISFDNLGASASQR.K	20
PSTAT+3584	proteomics_stat	1917619	1917708	+	1	2	R.FSVVTPQISAAGVEHLDTILQPYINVEPGR.G	34
PSTAT+3585	proteomics_stat	1918102	1918131	+	1	2	K.HFLLQESEPK.E	14
PSTAT+3586	proteomics_stat	1918661	1918708	+	2	2	R.MNNEGAILANEFSASR.V	20
PSTAT+3587	proteomics_stat	1918781	1918858	+	2	2	R.VFGAAVPEMFDAILLDAPCSGEGVVR.K	30
PSTAT+3588	proteomics_stat	1919327	1919377	+	2	2	R.DKELWLFVVGIEALIGK.V	21
PSTAT+3589	proteomics_stat	1919900	1919992	+	2	3	K.SDPDLCMQLDAWDAETSIPALLNGEHSVLYR.T	35
PSTAT+3590	proteomics_stat	1919993	1920031	+	2	3	R.TRYDQQSDAWIMR.L	17
PSTAT+3591	proteomics_stat	1928947	1928979	+	1	2	R.VMLLGSSELGK.E	15
PSTAT+3592	proteomics_stat	1928980	1929003	+	1	2	K.EVAIECQR.L	12
PSTAT+3593	proteomics_stat	1929070	1929108	+	1	7	R.SHVINMLDGDALR.R	17
PSTAT+3594	proteomics_stat	1929259	1929303	+	1	4	R.RLAAEELQLPTSTYR.F	19
PSTAT+3595	proteomics_stat	1929262	1929303	+	1	3	R.LAAEELQLPTSTYR.F	18
PSTAT+3596	proteomics_stat	1929412	1929441	+	1	4	R.SAEQLAQAWK.Y	14
PSTAT+3597	proteomics_stat	1929577	1929642	+	1	3	R.QEDGDYRESWQPQMSPLALER.A	26
PSTAT+3598	proteomics_stat	1929598	1929642	+	1	2	R.ESWQPQMSPLALER.A	19
PSTAT+3599	proteomics_stat	1929853	1929957	+	1	3	R.QYGPAAAVILPQLTSQNVTFDNVQNAVADLQIR.L	39
PSTAT+3600	proteomics_stat	1929958	1929990	+	1	5	R.LFGKPEIDGSR.R	15
PSTAT+3601	proteomics_stat	1929991	1930044	+	1	6	R.RLGVALATAESVVDIAIER.A	22
PSTAT+3602	proteomics_stat	1929994	1930044	+	1	27	R.LGVALATAESVVDIAIER.A	21
PSTAT+3603	proteomics_stat	1934694	1934723	+	3	2	K.IQSLEHLSK.S	14
PSTAT+3604	proteomics_stat	1934877	1934924	+	3	4	K.LHLAQSLANGTPYVNR.N	20
PSTAT+3605	proteomics_stat	1934925	1934966	+	3	2	R.NVNEDDSVESYTGK.I	18
PSTAT+3606	proteomics_stat	1935694	1935750	+	1	2	R.TKIVTTLGPATDRDNNLEK.V	23
PSTAT+3607	proteomics_stat	1935700	1935750	+	1	4	K.IVTTLGPATDRDNNLEK.V	21
PSTAT+3608	proteomics_stat	1935751	1935780	+	1	6	K.VIAAGANVVR.M	14
PSTAT+3609	proteomics_stat	1935862	1935897	+	1	14	R.HVAILGDLQGPK.I	16
PSTAT+3610	proteomics_stat	1935928	1935951	+	1	2	K.VFLNIGDK.F	12
PSTAT+3611	proteomics_stat	1935952	1935999	+	1	3	K.FLLDANLKGEGDKEK.V	20
PSTAT+3612	proteomics_stat	1936018	1936071	+	1	3	K.GLPADVPGDILLDDGR.V	22
PSTAT+3613	proteomics_stat	1936084	1936107	+	1	2	K.VLEVQGMK.V	12
PSTAT+3614	proteomics_stat	1936108	1936152	+	1	2	K.VFTEVTVGGPLSNK.G	19
PSTAT+3615	proteomics_stat	1936165	1936221	+	1	4	K.LGGGLSAEALTEKDADIK.T	23
PSTAT+3616	proteomics_stat	1936165	1936203	+	1	2	K.LGGGLSAEALTEK.D	17
PSTAT+3617	proteomics_stat	1936165	1936209	+	1	4	K.LGGGLSAEALTEKDK.A	19
PSTAT+3618	proteomics_stat	1936222	1936269	+	1	38	K.TAALIGVDYLAVSFPR.C	20
PSTAT+3619	proteomics_stat	1936270	1936296	+	1	2	R.CGEDLNYAR.R	13
PSTAT+3620	proteomics_stat	1936351	1936422	+	1	6	R.AEAVCSQDAMDDIILASDVVMVAR.G	28
PSTAT+3621	proteomics_stat	1936423	1936473	+	1	5	R.GDLGVEIGDPELVGIQK.A	21
PSTAT+3622	proteomics_stat	1936567	1936680	+	1	48	R.AEVMDEVANAVLDGTDVAVMLSAETAAGQYPSETVAAMAR.V	42
PSTAT+3623	proteomics_stat	1936702	1936725	+	1	3	K.IPSINVSK.H	12
PSTAT+3624	proteomics_stat	1936732	1936803	+	1	4	R.LDVQFDNVEEAIAMSAMYAANHLK.G	28

PSTAT+3625	proteomics_stat	1936864	1936899	+	1	2	R.ISSGLPIFAMSR.H	16
PSTAT+3626	proteomics_stat	1936909	1936935	+	1	2	R.TLNLTYLR.G	13
PSTAT+3627	proteomics_stat	1936912	1936935	+	1	2	T.LNLTYLR.G	12
PSTAT+3628	proteomics_stat	1936936	1937010	+	1	8	R.GVTPVHFDSANDGVAAASEAVNLLR.D	29
PSTAT+3629	proteomics_stat	1940689	1940736	+	1	3	M.TSLVLENVSVSFGQR.R	20
PSTAT+3630	proteomics_stat	1940830	1940874	+	1	4	R.VVLGLVTPDEGVIKR.N	19
PSTAT+3631	proteomics_stat	1940911	1940949	+	1	2	K.LYLDTTPLTVNR.F	17
PSTAT+3632	proteomics_stat	1940959	1941003	+	1	10	R.LRPGTHKEDILPALK.R	19
PSTAT+3633	proteomics_stat	1941007	1941045	+	1	4	R.VQAGHLINAPMQK.L	17
PSTAT+3634	proteomics_stat	1941085	1941186	+	1	3	R.ALLNRPQLLVLDEPTQGVVDVNGQVALYDLIDQLR.R	38
PSTAT+3635	proteomics_stat	1941190	1941246	+	1	2	R.ELDCGVLVSHDLHLVMAK.T	23
PSTAT+3636	proteomics_stat	1944630	1944662	+	3	5	V.QNLFILFIKKR.Y	15
PSTAT+3637	proteomics_stat	1949021	1949086	+	2	3	R.VGWSADYAEALKQPVDPAPPAK.V	26
PSTAT+3638	proteomics_stat	1949087	1949161	+	2	3	K.VLPENWWQHPAALGATDSDIEIKR.Q	29
PSTAT+3639	proteomics_stat	1950828	1950881	+	3	8	R.SVPGYSNIISMIGMLAER.F	22
PSTAT+3640	proteomics_stat	1950849	1950950	+	3	2	N.IISMIGMLAERFVQPGTQVYDLGCSLGAATLSVR.R	38
PSTAT+3641	proteomics_stat	1950882	1950950	+	3	2	R.FVQPGTQVYDLGCSLGAATLSVR.R	27
PSTAT+3642	proteomics_stat	1951173	1951220	+	3	4	K.IYQGLNPGGALVLSK.F	20
PSTAT+3643	proteomics_stat	1951242	1951283	+	3	2	K.VGELLFNMHHDFKR.A	18
PSTAT+3644	proteomics_stat	1951323	1951370	+	3	3	R.SMLENVMLTDSVETHK.A	20
PSTAT+3645	proteomics_stat	1951586	1951633	+	2	3	K.QWSNAVEFLPEIKPYR.L	20
PSTAT+3646	proteomics_stat	1951634	1951699	+	2	2	R.LDLLHSVTAESEEPSAGQIKR.I	26
PSTAT+3647	proteomics_stat	1951736	1951783	+	2	2	R.KGPFSLYGVNIDTEWR.S	20
PSTAT+3648	proteomics_stat	1951985	1952029	+	2	6	R.AHLLPLGIEQLPALK.A	19
PSTAT+3649	proteomics_stat	1958122	1958172	+	1	2	R.QAMIAAGAPADCEPQVR.Q	21
PSTAT+3650	proteomics_stat	1958185	1958232	+	1	3	K.VQFGDYQANGMMAVAK.K	20
PSTAT+3651	proteomics_stat	1958254	1958307	+	1	4	R.QLAEQVLTHLDLNGIASK.V	22
PSTAT+3652	proteomics_stat	1958308	1958397	+	1	14	K.VEIAGPGFINIFLDPFLAEHVQQALASDR.L	34
PSTAT+3653	proteomics_stat	1958464	1958487	+	1	2	K.EMHVGHLR.S	12
PSTAT+3654	proteomics_stat	1958488	1958517	+	1	2	R.STIIGDAAVR.T	14
PSTAT+3655	proteomics_stat	1958677	1958712	+	1	2	K.KHYDEDEEFAER.A	16
PSTAT+3656	proteomics_stat	1958680	1958712	+	1	2	K.HYDEDEEFAER.A	15
PSTAT+3657	proteomics_stat	1958773	1958820	+	1	4	R.KLVDITMTQNQITYDR.L	20
PSTAT+3658	proteomics_stat	1958776	1958820	+	1	4	K.LVDITMTQNQITYDR.L	19
PSTAT+3659	proteomics_stat	1958821	1958904	+	1	2	R.LNVTLTRDDVMGESLYNPMLPGIVADLK.A	32
PSTAT+3660	proteomics_stat	1958842	1958904	+	1	5	R.DDVMGESLYNPMLPGIVADLK.A	25
PSTAT+3661	proteomics_stat	1958911	1958964	+	1	6	K.GLAVESEGATVFLDEFK.N	22
PSTAT+3662	proteomics_stat	1958965	1959003	+	1	4	K.NKEGPMGVIIQK.K	17
PSTAT+3663	proteomics_stat	1959007	1959051	+	1	4	K.DGGYLYTTTDIACAK.Y	19
PSTAT+3664	proteomics_stat	1959145	1959210	+	1	3	R.KAGYVPESVPLEHHMFGMMLGK.D	26
PSTAT+3665	proteomics_stat	1959148	1959210	+	1	3	K.AGYVPESVPLEHHMFGMMLGK.D	25
PSTAT+3666	proteomics_stat	1959292	1959342	+	1	5	R.RLVAEKNPDMPADELEK.L	21
PSTAT+3667	proteomics_stat	1959292	1959375	+	1	4	R.RLVAEKNPDMPADELEKLANAVGIGAVK.Y	32
PSTAT+3668	proteomics_stat	1959295	1959342	+	1	4	R.LVAEKNPDMPADELEK.L	20
PSTAT+3669	proteomics_stat	1959343	1959375	+	1	5	K.LANAVGIGAVK.Y	15
PSTAT+3670	proteomics_stat	1959502	1959561	+	1	2	R.KAEIDEEQLAAAPVIREDR.E	24

PSTAT+3671	proteomics_stat	1959502	1959552	+	1	2	R.KAEIDEEQLAAAPVIIR.E	21
PSTAT+3672	proteomics_stat	1959505	1959552	+	1	2	K.AEIDEEQLAAAPVIIR.E	20
PSTAT+3673	proteomics_stat	1959775	1959813	+	1	2	K.LGLDTLGIETVER.M	17
PSTAT+3674	proteomics_stat	1977870	1977950	+	3	3	K.GHISLITLASDPEMYNQLAAPMLEDLR.S	31
PSTAT+3675	proteomics_stat	1982177	1982257	+	2	18	C.VPPNMPFINSLRPAPTRPNSPTISPLR.T	31
PSTAT+3676	proteomics_stat	1986875	1986907	+	2	7	R.HAQEEMTHMQR.L	15
PSTAT+3677	proteomics_stat	1986908	1986946	+	2	3	R.LFDYLTDTGNLPR.I	17
PSTAT+3678	proteomics_stat	1986947	1987039	+	2	12	R.INTVESPFAEYSSLDLDFQETYKHEQLITQK.I	35
PSTAT+3679	proteomics_stat	1986947	1987015	+	2	2	R.INTVESPFAEYSSLDLDFQETYK.H	27
PSTAT+3680	proteomics_stat	1987016	1987039	+	2	2	K.HEQLITQK.I	12
PSTAT+3681	proteomics_stat	1987145	1987177	+	2	3	K.SIIDKLSLAGK.S	15
PSTAT+3682	proteomics_stat	1987178	1987234	+	2	10	K.SGEGLYFIDKELSTLDTQN.-	23
PSTAT+3683	proteomics_stat	1993845	1993910	+	3	3	M.STPDFSTAENNQELANEVSCLK.A	26
PSTAT+3684	proteomics_stat	1993911	1993961	+	3	52	K.AMLTMLQAMGQADAGR.V	21
PSTAT+3685	proteomics_stat	1994330	1994374	+	2	5	S.GVITISSFKRIRAIR.L	19
PSTAT+3686	proteomics_stat	2004804	2004830	+	3	3	R.NHAVTEEIK.Y	13
PSTAT+3687	proteomics_stat	2005392	2005451	+	3	2	R.FAHGVQTLFFDHPNCIAFSR.S	24
PSTAT+3688	proteomics_stat	2005515	2005547	+	3	6	K.TIHLGENYGNK.T	15
PSTAT+3689	proteomics_stat	2007599	2007667	+	2	2	K.KGEILEVSDCPQSINNIPLDAR.N	27
PSTAT+3690	proteomics_stat	2007668	2007718	+	2	8	R.NHGYTVLDIQDQGPTIR.Y	21
PSTAT+3691	proteomics_stat	2013384	2013473	+	3	2	R.IATFGGVQPAALAELEVLNGLLDGQNLKR.S	34
PSTAT+3692	proteomics_stat	2023016	2023117	+	2	3	K.TAKEYSDTAKREVSVDVDALLAAINEISESEVHR.S	38
PSTAT+3693	proteomics_stat	2023046	2023117	+	2	18	K.REVSVVDVDALLAAINEISESEVHR.S	28
PSTAT+3694	proteomics_stat	2023049	2023117	+	2	24	R.EVSVVDVDALLAAINEISESEVHR.S	27
PSTAT+3695	proteomics_stat	2023118	2023156	+	2	9	R.SQNDSEHVSVDGR.E	17
PSTAT+3696	proteomics_stat	2023175	2023234	+	2	7	R.ELADAFELDIHDFSVSEVNR.-	24
PSTAT+3697	proteomics_stat	2023640	2023681	+	2	3	R.LREANVPVILCSSK.T	18
PSTAT+3698	proteomics_stat	2024027	2024065	+	2	2	R.LNELGLQFMQGAR.F	17
PSTAT+3699	proteomics_stat	2024066	2024098	+	2	4	R.FWHVLDASAGK.D	15
PSTAT+3700	proteomics_stat	2024099	2024149	+	2	3	K.DQAANWIIATYQQLSGK.R	21
PSTAT+3701	proteomics_stat	2024150	2024230	+	2	23	K.RPTTLGLGDGPNDAPLLEVMDYAVIVK.G	31
PSTAT+3702	proteomics_stat	2033880	2033996	+	3	3	K.NPQVDIAEDNAFFPSEYSLSQYTSPVSDLDGVDYPKPYR.G	43
PSTAT+3703	proteomics_stat	2033880	2033987	+	3	3	K.NPQVDIAEDNAFFPSEYSLSQYTSPVSDLDGVDYPK.P	40
PSTAT+3704	proteomics_stat	2034009	2034035	+	3	5	K.ILVIAADER.Y	13
PSTAT+3705	proteomics_stat	2034039	2034059	+	3	2	Y.LPTDNGK.L	11
PSTAT+3706	proteomics_stat	2034060	2034110	+	3	2	K.LFSTGNHPIETLLPLYH.L	21
PSTAT+3707	proteomics_stat	2034168	2034203	+	3	10	K.FEYWAMPHKDEK.V	16
PSTAT+3708	proteomics_stat	2034207	2034230	+	3	4	V.MPFQHK.S	12
PSTAT+3709	proteomics_stat	2034396	2034443	+	3	5	R.FVISLCHGPA AFLALR.H	20
PSTAT+3710	proteomics_stat	2034444	2034503	+	3	7	R.HGDNPLNGYSICAFPDAADK.Q	24
PSTAT+3711	proteomics_stat	2034504	2034569	+	3	7	K.QTPEIGYMPGHILTWFGEELKK.M	26
PSTAT+3712	proteomics_stat	2034570	2034608	+	3	6	K.MGMNIINDDITGR.V	17
PSTAT+3713	proteomics_stat	2034624	2034671	+	3	17	R.KLLTGDS PFAANALGK.L	20
PSTAT+3714	proteomics_stat	2034627	2034671	+	3	7	K.LLTGDS PFAANALGK.L	19
PSTAT+3715	proteomics_stat	2037196	2037237	+	1	3	K.ALWPEQTATTGDYR.V	18
PSTAT+3716	proteomics_stat	2037268	2037324	+	1	7	K.KQNLESFFPEIPVEFHINK.V	23

PSTAT+3717	proteomics_stat	2037325	2037384	+	1	4	K.VNEHYHVPLLLSQYGSTYR.G	24
PSTAT+3718	proteomics_stat	2037688	2037750	+	1	2	K.ALEFSKPAAWQNNLPLTPADK.V	25
PSTAT+3719	proteomics_stat	2037751	2037792	+	1	2	K.VSGYNNFYEFGLDK.A	18
PSTAT+3720	proteomics_stat	2037751	2037825	+	1	2	K.VSGYNNFYEFGLDKADPAANAGSLK.T	29
PSTAT+3721	proteomics_stat	2037847	2037900	+	1	2	K.ISGEVAKPLTLDHDDLTR.R	22
PSTAT+3722	proteomics_stat	2038282	2038368	+	1	3	R.ERPPTTWNLAAPDEYGFYANVNPYVDHPR.W	33
PSTAT+3723	proteomics_stat	2039480	2039515	+	2	3	H.SHGKPLTEVEQK.A	16
PSTAT+3724	proteomics_stat	2039492	2039515	+	2	2	K.PLTEVEQK.A	12
PSTAT+3725	proteomics_stat	2039513	2039557	+	2	4	Q.KAANGVFDDANVQNR.T	19
PSTAT+3726	proteomics_stat	2039516	2039557	+	2	61	K.AANGVFDDANVQNR.T	18
PSTAT+3727	proteomics_stat	2039519	2039557	+	2	3	A.ANGVFDDANVQNR.T	17
PSTAT+3728	proteomics_stat	2039522	2039557	+	2	3	A.NGVFDDANVQNR.T	16
PSTAT+3729	proteomics_stat	2039558	2039638	+	2	26	R.TLSDWDGVWQSVYPLLQSGKLDPVFQK.K	31
PSTAT+3730	proteomics_stat	2039558	2039617	+	2	78	R.TLSDWDGVWQSVYPLLQSGK.L	24
PSTAT+3731	proteomics_stat	2039561	2039617	+	2	3	T.LSDWDGVWQSVYPLLQSGK.L	23
PSTAT+3732	proteomics_stat	2039564	2039617	+	2	4	L.SDWDGVWQSVYPLLQSGK.L	22
PSTAT+3733	proteomics_stat	2039588	2039638	+	2	3	Q.SVYPLLQSGKLDPVFQK.K	21
PSTAT+3734	proteomics_stat	2039621	2039638	+	2	2	L.DPVFQK.K	10
PSTAT+3735	proteomics_stat	2039657	2039695	+	2	2	K.TKTFAEIKDYHK.G	17
PSTAT+3736	proteomics_stat	2039663	2039695	+	2	81	K.TFAEIKDYHK.G	15
PSTAT+3737	proteomics_stat	2039666	2039695	+	2	16	T.FAEIKDYHK.G	14
PSTAT+3738	proteomics_stat	2039669	2039695	+	2	5	F.AEIKDYHK.G	13
PSTAT+3739	proteomics_stat	2039696	2039755	+	2	2027	K.GYATDIEMIGIEDGIVEFHR.N	24
PSTAT+3740	proteomics_stat	2039756	2039800	+	2	9	R.NNETTSCKYDYDGYK.I	19
PSTAT+3741	proteomics_stat	2039780	2039800	+	2	3	K.YDYDGYK.I	11
PSTAT+3742	proteomics_stat	2039783	2039800	+	2	2	Y.DYDGYK.I	10
PSTAT+3743	proteomics_stat	2039837	2039869	+	2	15	R.YLFECKDPESK.A	15
PSTAT+3744	proteomics_stat	2039840	2039869	+	2	8	Y.LFECKDPESK.A	14
PSTAT+3745	proteomics_stat	2039843	2039869	+	2	2	L.FECKDPESK.A	13
PSTAT+3746	proteomics_stat	2039876	2039914	+	2	3	P.KYIQFSDHIIAPR.K	17
PSTAT+3747	proteomics_stat	2039879	2039914	+	2	48	K.YIQFSDHIIAPR.K	16
PSTAT+3748	proteomics_stat	2039882	2039914	+	2	5	Y.IQFSDHIIAPR.K	15
PSTAT+3749	proteomics_stat	2039888	2039914	+	2	4	Q.FSDHIIAPR.K	13
PSTAT+3750	proteomics_stat	2039894	2039914	+	2	2	S.DHIIAPR.K	11
PSTAT+3751	proteomics_stat	2047492	2047545	+	1	4	S.DGGKVITDAEGKAKVTLK.G	22
PSTAT+3752	proteomics_stat	2053097	2053171	+	2	24	K.GSGLTPAQALDKLDALYEQSVVALR.N	29
PSTAT+3753	proteomics_stat	2053172	2053225	+	2	2	R.NAIGNYITSGELPDENAR.K	22
PSTAT+3754	proteomics_stat	2053226	2053294	+	2	4	R.KQGLFVYPSLTVTWDGSTTNPBK.T	27
PSTAT+3755	proteomics_stat	2053616	2053639	+	2	2	R.RVDFSLAR.L	12
PSTAT+3756	proteomics_stat	2053646	2053708	+	2	2	R.HYTGTPVEHFQPFVLTNYTR.Y	25
PSTAT+3757	proteomics_stat	2054015	2054062	+	2	4	R.ESQAIGDYVLAHAYLR.D	20
PSTAT+3758	proteomics_stat	2054063	2054131	+	2	4	R.DDHVLDVAVLPPDIPISIAEVQR.A	27
PSTAT+3759	proteomics_stat	2054153	2054185	+	2	3	K.LVSGRPGEEVK.Q	15
PSTAT+3760	proteomics_stat	2054198	2054227	+	2	2	R.TGTVVTTDDR.N	14
PSTAT+3761	proteomics_stat	2054198	2054242	+	2	2	R.TGTVVTTDDRNWELR.Y	19
PSTAT+3762	proteomics_stat	2054279	2054329	+	2	3	R.AVAIDMESATIAAQGYR.F	21

PSTAT+3763	proteomics_stat	2054336	2054392	+	2	5	R.VPYGTLLCVSDKPLHGEIK.L	23
PSTAT+3764	proteomics_stat	2054414	2054458	+	2	2	R.FYEGAISEHLQIGIR.A	19
PSTAT+3765	proteomics_stat	2055092	2055130	+	2	2	K.AKGGGDETFVQGR.Y	17
PSTAT+3766	proteomics_stat	2055098	2055130	+	2	2	K.GGGDETFVQGR.Y	15
PSTAT+3767	proteomics_stat	2055131	2055196	+	2	6	R.YEGFGPNGSMIIAETLTSNVNR.T	26
PSTAT+3768	proteomics_stat	2069929	2069997	+	1	2	R.VNPGGSVSDTVISAGGGQSLQGR.A	27
PSTAT+3769	proteomics_stat	2070400	2070438	+	1	5	K.NGGVAGNTTVNQK.G	17
PSTAT+3770	proteomics_stat	2070646	2070675	+	1	3	R.VDDGGTLDVR.N	14
PSTAT+3771	proteomics_stat	2071474	2071533	+	1	2	K.TILNLVNAGNSASGLATSGK.G	24
PSTAT+3772	proteomics_stat	2071603	2071638	+	1	2	R.LQAGAFNYSLNR.D	16
PSTAT+3773	proteomics_stat	2081005	2081040	+	1	3	R.AKGENEAFAAR.I	16
PSTAT+3774	proteomics_stat	2081500	2081547	+	1	2	R.GNTSWVAPLAWHPENR.N	20
PSTAT+3775	proteomics_stat	2088327	2088371	+	3	2	Q.RLIAMAENMPIDILR.V	19
PSTAT+3776	proteomics_stat	2088330	2088371	+	3	6	R.LIAMAENMPIDILR.V	18
PSTAT+3777	proteomics_stat	2088531	2088590	+	3	8	R.LSLATPVDEAWDGPLSLNGK.R	24
PSTAT+3778	proteomics_stat	2088594	2088623	+	3	4	R.IATSYPHLLK.R	14
PSTAT+3779	proteomics_stat	2088657	2088695	+	3	7	K.SCLLNGSVEVAPR.A	17
PSTAT+3780	proteomics_stat	2088696	2088764	+	3	11	R.AGLADAICDLVSTGATLEANGLR.E	27
PSTAT+3781	proteomics_stat	2088696	2088785	+	3	9	R.AGLADAICDLVSTGATLEANGLREVEVIYR.S	34
PSTAT+3782	proteomics_stat	2088810	2088851	+	3	2	R.DGEMEESKQQLIDK.L	18
PSTAT+3783	proteomics_stat	2088810	2088833	+	3	3	R.DGEMEESK.Q	12
PSTAT+3784	proteomics_stat	2088897	2089001	+	3	2	K.YIMMCHAPTERLDEVIALLPGAERPTILPLAGDQQR.V	39
PSTAT+3785	proteomics_stat	2088897	2088926	+	3	6	K.YIMMCHAPTER.L	14
PSTAT+3786	proteomics_stat	2088927	2089001	+	3	8	R.LDEVIALLPGAERPTILPLAGDQQR.V	29
PSTAT+3787	proteomics_stat	2089002	2089055	+	3	5	R.VAMHMVSSETLFWETMEK.L	22
PSTAT+3788	proteomics_stat	2089062	2089103	+	3	2	K.ALGASSILVPIEK.M	18
PSTAT+3789	proteomics_stat	2089124	2089174	+	2	3	M.SFNIIIDWNSCTAEQQR.Q	21
PSTAT+3790	proteomics_stat	2089175	2089222	+	2	8	R.QLLMRPAISASESITR.T	20
PSTAT+3791	proteomics_stat	2089223	2089252	+	2	2	R.TVNDILDNVK.A	14
PSTAT+3792	proteomics_stat	2089292	2089321	+	2	7	K.FDKTTVTALK.V	14
PSTAT+3793	proteomics_stat	2089322	2089357	+	2	6	K.VSAEEIAAASER.L	16
PSTAT+3794	proteomics_stat	2089400	2089468	+	2	6	K.NIETFHTAQKLPVDVETQPGVR.C	27
PSTAT+3795	proteomics_stat	2089400	2089429	+	2	13	K.NIETFHTAQK.L	14
PSTAT+3796	proteomics_stat	2089430	2089468	+	2	7	K.LPPVDVETQPGVR.C	17
PSTAT+3797	proteomics_stat	2089727	2089774	+	2	8	K.VDKIFGPGNAFVTEAK.R	20
PSTAT+3798	proteomics_stat	2089727	2089777	+	2	3	K.VDKIFGPGNAFVTEAKR.Q	21
PSTAT+3799	proteomics_stat	2089736	2089774	+	2	3	K.IFGPGNAFVTEAK.R	17
PSTAT+3800	proteomics_stat	2089958	2089981	+	2	3	R.RVAEAVER.Q	12
PSTAT+3801	proteomics_stat	2090054	2090119	+	2	2	K.DLAQCVEISNQYGPEHLIIQTR.N	26
PSTAT+3802	proteomics_stat	2090312	2090365	+	2	19	K.EGFSALASTIETLAAAER.L	22
PSTAT+3803	proteomics_stat	2090399	2090422	+	2	2	R.VNALKEQA.-	12
PSTAT+3804	proteomics_stat	2090494	2090604	+	1	4	R.RLGGNGDVVWLNANEYPTAVEFQLTQQTLNRYPECQPK.A	41
PSTAT+3805	proteomics_stat	2090497	2090583	+	1	2	R.LGGNGDVVWLNANEYPTAVEFQLTQQTLNR.Y	33
PSTAT+3806	proteomics_stat	2090605	2090667	+	1	9	K.AVIENYAQYAGVKPEQVLVSR.G	25
PSTAT+3807	proteomics_stat	2090797	2090865	+	1	2	R.TVPTLDNWQLDLQGISDKLDGVK.V	27
PSTAT+3808	proteomics_stat	2090797	2090850	+	1	2	R.TVPTLDNWQLDLQGISDK.L	22

PSTAT+3809	proteomics_stat	2090866	2090928	+	1	5	K.VVYVCSPNNTGQLINPQDFR.T	25
PSTAT+3810	proteomics_stat	2091088	2091135	+	1	4	R.CGFTLANEEVINLLMK.V	20
PSTAT+3811	proteomics_stat	2091136	2091219	+	1	9	K.VIAPYPLSTPVADIAAQALSPQGIVAMR.E	32
PSTAT+3812	proteomics_stat	2091226	2091249	+	1	4	R.VAQIIAER.E	12
PSTAT+3813	proteomics_stat	2091250	2091273	+	1	2	R.EYLIAALK.E	12
PSTAT+3814	proteomics_stat	2091274	2091330	+	1	4	K.EIPCVEQVDFSETNYILAR.F	23
PSTAT+3815	proteomics_stat	2091388	2091426	+	1	5	R.DQNKQPSLSGCLR.I	17
PSTAT+3816	proteomics_stat	2091427	2091459	+	1	3	R.ITVGTREESQR.V	15
PSTAT+3817	proteomics_stat	2091504	2091578	+	3	2	K.YLFIDRDGTLISEPPSDFQVDRFDK.L	29
PSTAT+3818	proteomics_stat	2091522	2091569	+	3	10	R.DGTLISEPPSDFQVDR.F	20
PSTAT+3819	proteomics_stat	2091570	2091617	+	3	2	R.FDKLAFEPGVIPPELLK.L	20
PSTAT+3820	proteomics_stat	2091579	2091617	+	3	2	K.LAFEPGVIPPELLK.L	17
PSTAT+3821	proteomics_stat	2091831	2091857	+	3	3	R.YLAEQAMDR.A	13
PSTAT+3822	proteomics_stat	2091885	2091932	+	3	3	R.ATDIQLAENMGITGLR.Y	20
PSTAT+3823	proteomics_stat	2091933	2091983	+	3	3	R.YDRETLNWP MIGEQLTR.R	21
PSTAT+3824	proteomics_stat	2091942	2091983	+	3	2	R.ETLNWP MIGEQLTR.R	18
PSTAT+3825	proteomics_stat	2092071	2092136	+	3	7	K.INTGVGFFDHMLDQIATHGGFR.M	26
PSTAT+3826	proteomics_stat	2092155	2092223	+	3	5	K.GDLYIDDHHTVEDTGLALGEALK.I	27
PSTAT+3827	proteomics_stat	2092296	2092337	+	3	6	R.CALDISGRPHLEYK.A	18
PSTAT+3828	proteomics_stat	2092359	2092400	+	3	7	R.VGDLSTEMIEHFFR.S	18
PSTAT+3829	proteomics_stat	2092506	2092547	+	3	2	R.QAIRVEGDTLPSSK.G	18
PSTAT+3830	proteomics_stat	2092518	2092547	+	3	5	R.VEGDTLPSSK.G	14
PSTAT+3831	proteomics_stat	2092559	2092609	+	2	5	V.MNVVILDTGCANLNSVK.S	21
PSTAT+3832	proteomics_stat	2092643	2092732	+	2	13	K.VSRDPDVLLADKFLPGVGTAQAAMDQVR.E	34
PSTAT+3833	proteomics_stat	2092643	2092681	+	2	6	K.VSRDPDVLLADK.L	17
PSTAT+3834	proteomics_stat	2092652	2092681	+	2	2	R.DPDVLLADK.L	14
PSTAT+3835	proteomics_stat	2092682	2092732	+	2	4	K.LFLPGVGTAQAAMDQVR.E	21
PSTAT+3836	proteomics_stat	2092814	2092873	+	2	3	R.RSEESNGVDLLGIIDEDVPK.M	24
PSTAT+3837	proteomics_stat	2092874	2092918	+	2	4	K.MTDFGLPLPHMGWNR.V	19
PSTAT+3838	proteomics_stat	2093066	2093101	+	2	3	K.DNFYGVQFHPER.S	16
PSTAT+3839	proteomics_stat	2093149	2093193	+	1	2	V.MIIPALDLIDGTVVR.L	19
PSTAT+3840	proteomics_stat	2093194	2093217	+	1	8	R.LHQGDY GK.Q	12
PSTAT+3841	proteomics_stat	2093224	2093250	+	1	2	R.DYGNDPLPR.L	13
PSTAT+3842	proteomics_stat	2093251	2093328	+	1	6	R.LQDYAAQGAEVLHLV DLTGAKDPAKR.Q	30
PSTAT+3843	proteomics_stat	2093347	2093397	+	1	5	K.TLVAGVNV PVQVGGGV.R.S	21
PSTAT+3844	proteomics_stat	2093563	2093646	+	1	5	K.QVAVSGWQENSGVSLEQLVET YLPVGLK.H	32
PSTAT+3845	proteomics_stat	2093647	2093673	+	1	6	K.HVLTCDISR.D	13
PSTAT+3846	proteomics_stat	2093674	2093727	+	1	2	R.DGTLAGSNVSLYEEVCAR.Y	22
PSTAT+3847	proteomics_stat	2093940	2093978	+	3	16	R.NHEIIGDIVPLAK.R	17
PSTAT+3848	proteomics_stat	2094072	2094119	+	3	3	R.VAEVIDIPFCVAGGIK.S	20
PSTAT+3849	proteomics_stat	2094141	2094212	+	3	3	K.ILSFGADKISINSPALADPTLITR.L	28
PSTAT+3850	proteomics_stat	2094165	2094212	+	3	5	K.ISINSPALADPTLITR.L	20
PSTAT+3851	proteomics_stat	2094285	2094320	+	3	7	K.YHVNQYTGDESR.T	16
PSTAT+3852	proteomics_stat	2094327	2094371	+	3	7	R.VTQWETLDWVQEVQK.R	19
PSTAT+3853	proteomics_stat	2094372	2094422	+	3	2	K.RGAGEIVLNMMNQDGVR.N	21
PSTAT+3854	proteomics_stat	2094375	2094422	+	3	2	R.GAGEIVLNMMNQDGVR.N	20

PSTAT+3855	proteomics_stat	2094423	2094452	+	3	3	R.NGYDLEQLKK.V	14
PSTAT+3856	proteomics_stat	2094459	2094530	+	3	13	R.EVCHVPLIASGGAGTMEHFLEAFR.D	28
PSTAT+3857	proteomics_stat	2094531	2094575	+	3	2	R.DADVDGALAASVFHK.Q	19
PSTAT+3858	proteomics_stat	2094603	2094635	+	3	2	K.AYLATQGVEIR.I	15
PSTAT+3859	proteomics_stat	2094680	2094769	+	2	3	K.TDGLMPVIVQHAVSGEVLMLGYMNPALDK.T	34
PSTAT+3860	proteomics_stat	2095013	2095048	+	2	9	R.KSADPETSYTAK.L	16
PSTAT+3861	proteomics_stat	2095016	2095048	+	2	4	K.SADPETSYTAK.L	15
PSTAT+3862	proteomics_stat	2113012	2113059	+	1	11	H.EIVTTVNSDCRVINAR.F	20
PSTAT+3863	proteomics_stat	2122290	2122352	+	3	4	R.FENNVLGKQVLTQLFRDNKA.V	25
PSTAT+3864	proteomics_stat	2136931	2137011	+	1	11	R.LVVTDGDDAEDLLGVVHVIDLLQQSLR.G	31
PSTAT+3865	proteomics_stat	2152205	2152261	+	2	2	R.SGPLAPVQAATAVEQAVPR.Y	23
PSTAT+3866	proteomics_stat	2152313	2152369	+	2	2	R.SRVDGQLIALHFQEGQQVK.A	23
PSTAT+3867	proteomics_stat	2153201	2153245	+	2	2	K.VEVVEAQSATTPEEK.A	19
PSTAT+3868	proteomics_stat	2155474	2155530	+	1	2	R.LGISMADVDNALYNAFGQR.L	23
PSTAT+3869	proteomics_stat	2162696	2162746	+	2	2	R.ELQQQDAESPLIIDEGR.F	21
PSTAT+3870	proteomics_stat	2162846	2162881	+	2	2	R.EQLLNHLYDDYR.V	16
PSTAT+3871	proteomics_stat	2162930	2162968	+	2	2	R.KLESLEDAEQSFIR.A	17
PSTAT+3872	proteomics_stat	2163273	2163320	+	3	8	K.AGNGETILTSELYTSK.T	20
PSTAT+3873	proteomics_stat	2163354	2163386	+	3	2	R.SNSPQEERYEK.K	15
PSTAT+3874	proteomics_stat	2163426	2163482	+	3	32	K.AANHQIIGSSQMYATAQSR.E	23
PSTAT+3875	proteomics_stat	2163507	2163542	+	3	5	K.ANGTSQTVKDNT.-	16
PSTAT+3876	proteomics_stat	2163692	2163733	+	2	5	I.MFKPELLSPAGTLK.N	18
PSTAT+3877	proteomics_stat	2163803	2163871	+	2	3	R.VRNNEFNHENLQLGINEAHALGK.K	27
PSTAT+3878	proteomics_stat	2163809	2163871	+	2	5	R.NNEFNHENLQLGINEAHALGK.K	25
PSTAT+3879	proteomics_stat	2163875	2163913	+	2	2	K.FYVVVNIAPHNAK.L	17
PSTAT+3880	proteomics_stat	2163932	2164006	+	2	8	R.DLKPVVEMGPDALIMSDPGLIMLVR.E	29
PSTAT+3881	proteomics_stat	2164610	2164687	+	2	4	R.KAIDDAAGKPFDTSLLETLEGLAHR.G	30
PSTAT+3882	proteomics_stat	2164613	2164687	+	2	6	K.AIDDAAGKPFDTSLLETLEGLAHR.G	29
PSTAT+3883	proteomics_stat	2164715	2164768	+	2	5	R.HTHDDYQNYEYGYSVSDR.Q	22
PSTAT+3884	proteomics_stat	2164802	2164831	+	2	7	R.KGDLAAVAVK.N	14
PSTAT+3885	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3886	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3887	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3888	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3889	proteomics_stat	2168335	2168391	+	1	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT+3890	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3891	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3892	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3893	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3894	proteomics_stat	2168901	2168948	+	3	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT+3895	proteomics_stat	2185060	2185122	+	1	3	A.GSTNTSGISKYELSSFIADFK.H	25
PSTAT+3896	proteomics_stat	2190102	2190206	+	3	6	E.SPPASNLHGDSAIFPLIVNVPVSTSAANTPALIKK.E	39
PSTAT+3897	proteomics_stat	2192448	2192507	+	3	5	R.GHEVNFICADDAHGTPIMLK.A	24
PSTAT+3898	proteomics_stat	2192508	2192633	+	3	2	K.AQQLGITPEQMIGEMSQEHQTDFAFGFNISYDNYHSTHSEENR.Q	46
PSTAT+3899	proteomics_stat	2192691	2192720	+	3	3	R.TISQLYDPEK.G	14
PSTAT+3900	proteomics_stat	2192691	2192741	+	3	2	R.TISQLYDPEKGMFLPDR.F	21

PSTAT+3901	proteomics_stat	2192847	2192879	+	3	4	K.SVMSGATPVMR.D	15
PSTAT+3902	proteomics_stat	2192943	2192975	+	3	7	R.SGALQEQVANK.M	15
PSTAT+3903	proteomics_stat	2192976	2193023	+	3	15	K.MQEFWESGLQQWDISR.D	20
PSTAT+3904	proteomics_stat	2192979	2193023	+	3	2	M.QEFWESGLQQWDISR.D	19
PSTAT+3905	proteomics_stat	2193024	2193068	+	3	8	R.DAPYFGFEIPNAPGK.Y	19
PSTAT+3906	proteomics_stat	2193069	2193119	+	3	5	K.YFYVWLDAPIGYMGFSK.N	21
PSTAT+3907	proteomics_stat	2193135	2193170	+	3	5	K.RGDSVSFDEYWK.K	16
PSTAT+3908	proteomics_stat	2193171	2193209	+	3	5	K.KDSTAELYHFIGK.D	17
PSTAT+3909	proteomics_stat	2193174	2193209	+	3	2	K.DSTAELYHFIGK.D	16
PSTAT+3910	proteomics_stat	2193351	2193392	+	3	4	K.ASTWLNHFADSLR.Y	18
PSTAT+3911	proteomics_stat	2193423	2193464	+	3	5	R.IDDIDLNLEDFVQR.V	18
PSTAT+3912	proteomics_stat	2193465	2193488	+	3	3	R.VNADIVNK.V	12
PSTAT+3913	proteomics_stat	2193510	2193530	+	3	2	R.NAGFINK.R	11
PSTAT+3914	proteomics_stat	2193531	2193581	+	3	6	K.RFDGVLASELADPQLYK.T	21
PSTAT+3915	proteomics_stat	2193534	2193581	+	3	3	R.FDGVLASELADPQLYK.T	20
PSTAT+3916	proteomics_stat	2193582	2193629	+	3	13	K.TFTDAAEVIGEAWESR.E	20
PSTAT+3917	proteomics_stat	2193651	2193683	+	3	2	R.EIMALADLANR.Y	15
PSTAT+3918	proteomics_stat	2193651	2193719	+	3	3	R.EIMALADLANRYVDEQAPWVVAK.Q	27
PSTAT+3919	proteomics_stat	2193732	2193779	+	3	3	R.DADLQAICSMGINLFR.V	20
PSTAT+3920	proteomics_stat	2193780	2193815	+	3	6	R.VLMTYLKPVLPK.L	16
PSTAT+3921	proteomics_stat	2193828	2193893	+	3	9	R.AEAFNLTELTWDGIQQPLLGHK.V	26
PSTAT+3922	proteomics_stat	2193936	2193977	+	3	5	R.QVEALVEASKEEVK.A	18
PSTAT+3923	proteomics_stat	2193978	2194055	+	3	12	K.AAAAPVTGPLADDPIQETITFDDFAK.V	30
PSTAT+3924	proteomics_stat	2194068	2194112	+	3	8	R.VALIENAEFVEGSDK.L	19
PSTAT+3925	proteomics_stat	2194209	2194241	+	3	4	R.HTIMVANLAPR.K	15
PSTAT+3926	proteomics_stat	2194251	2194298	+	3	4	R.FGISEGMVMAAGPGGK.D	20
PSTAT+3927	proteomics_stat	2194251	2194352	+	3	4	R.FGISEGMVMAAGPGGKDIFLLSPDAGAKPGHQVK.-	38
PSTAT+3928	proteomics_stat	2194299	2194352	+	3	11	K.DIFLLSPDAGAKPGHQVK.-	22
PSTAT+3929	proteomics_stat	2194299	2194334	+	3	2	K.DIFLLSPDAGAK.P	16
PSTAT+3930	proteomics_stat	2208759	2208812	+	3	2	I.DTGTTGDDDKNPNCLGAGR.R	22
PSTAT+3931	proteomics_stat	2220261	2220299	+	3	4	R.LVGSSHLLTDPK.T	17
PSTAT+3932	proteomics_stat	2220327	2220386	+	3	4	R.SGQGDALAVVFPGSLLELWR.V	24
PSTAT+3933	proteomics_stat	2220543	2220593	+	3	2	K.GEQVLAYPGTTLYSLEK.A	21
PSTAT+3934	proteomics_stat	2220900	2220932	+	3	5	R.VRDIEADTPAR.Y	15
PSTAT+3935	proteomics_stat	2220906	2220932	+	3	4	R.DIEADTPAR.Y	13
PSTAT+3936	proteomics_stat	2220933	2220983	+	3	3	R.YNADPDRLFESSGCAGK.L	21
PSTAT+3937	proteomics_stat	2221089	2221142	+	3	3	R.HILANFENLPVAGEYMR.D	22
PSTAT+3938	proteomics_stat	2221311	2221346	+	3	6	K.FGHLFSPHPPR.M	16
PSTAT+3939	proteomics_stat	2221362	2221391	+	3	3	R.DKYEHLLLLK.M	14
PSTAT+3940	proteomics_stat	2221446	2221493	+	3	2	K.QAEGDFFVCTPEEGSK.A	20
PSTAT+3941	proteomics_stat	2221836	2221886	+	3	2	K.FYRENDPTNSMNPBGIGK.T	21
PSTAT+3942	proteomics_stat	2221845	2221886	+	3	4	R.ENDPTNSMNPBGIGK.T	18
PSTAT+3943	proteomics_stat	2229878	2229991	+	2	10	R.FQTAFACLADNLQSALEPILADKYFPALLTGEQVSSLK.S	42
PSTAT+3944	proteomics_stat	2229878	2229946	+	2	7	R.FQTAFACLADNLQSALEPILADK.Y	27
PSTAT+3945	proteomics_stat	2229992	2230060	+	2	4	K.SATGLDEDALAFALLPLAACAR.T	27
PSTAT+3946	proteomics_stat	2230061	2230099	+	2	4	R.TPLSNFNVGAIAR.G	17

PSTAT+3947	proteomics_stat	2230265	2230303	+	2	4	R.QFMNELNSGLDLR.I	17
PSTAT+3948	proteomics_stat	2230490	2230519	+	2	3	K.SPSGVALECK.D	14
PSTAT+3949	proteomics_stat	2230529	2230615	+	2	3	R.IFSGSYAENAAFNPTLPLQGalILLNLK.G	33
PSTAT+3950	proteomics_stat	2230661	2230708	+	2	4	K.ADAPLIQWDATSATLK.A	20
PSTAT+3951	proteomics_stat	2231212	2231271	+	1	2	K.DLIAAGVDPSPDIVLDYAGFR.T	24
PSTAT+3952	proteomics_stat	2241932	2241955	+	2	3	R.MEMLEEHR.C	12
PSTAT+3953	proteomics_stat	2242046	2242117	+	2	4	R.DHTPPPVLVWLSGLTCNDENFTTK.A	28
PSTAT+3954	proteomics_stat	2242280	2242345	+	2	6	R.MYDYLRDELPAVLSQSFNVSDR.C	26
PSTAT+3955	proteomics_stat	2242298	2242345	+	2	2	R.DELPALVQSQFNVSDR.C	20
PSTAT+3956	proteomics_stat	2242346	2242402	+	2	2	R.CAISGHSMGGHGALIMALK.N	23
PSTAT+3957	proteomics_stat	2248868	2248921	+	2	3	K.YIGAHVSAAGGLANAIR.A	22
PSTAT+3958	proteomics_stat	2249036	2249119	+	2	3	K.YHYTSAQILPHDSYLINLGHVPTEALEK.S	32
PSTAT+3959	proteomics_stat	2249126	2249152	+	2	2	R.DAFIDEMQR.C	13
PSTAT+3960	proteomics_stat	2249333	2249374	+	2	3	K.FEHLAAIIDGVEDK.S	18
PSTAT+3961	proteomics_stat	2249501	2249524	+	2	2	R.GMHLNDAK.S	12
PSTAT+3962	proteomics_stat	2263499	2263525	+	2	2	K.GMVLNYNGK.L	13
PSTAT+3963	proteomics_stat	2263541	2263570	+	2	4	K.DIDIQSPTAR.G	14
PSTAT+3964	proteomics_stat	2263613	2263636	+	2	3	R.TGLKVEER.F	12
PSTAT+3965	proteomics_stat	2263637	2263678	+	2	5	R.FKGDDIVDTVTLTR.R	18
PSTAT+3966	proteomics_stat	2263928	2263996	+	2	20	R.NKPATLSTGLVIQVPEYLSPEK.I	27
PSTAT+3967	proteomics_stat	2265896	2265943	+	2	2	K.TTSILHLLAHKDPNEK.W	20
PSTAT+3968	proteomics_stat	2266148	2266201	+	2	3	K.QILDLLTAPVYEPWIDL.R.A	22
PSTAT+3969	proteomics_stat	2266754	2266813	+	2	2	R.IELISSEADWNALQSALLK.L	24
PSTAT+3970	proteomics_stat	2270491	2270541	+	1	3	R.YAFNHFHDYVNPAAPK.G	21
PSTAT+3971	proteomics_stat	2270893	2270961	+	1	3	R.IELAKPGKEDMLSLFSLPVFPEK.Y	27
PSTAT+3972	proteomics_stat	2271262	2271309	+	1	2	K.YIIKDEQKNESAQDTR.W	20
PSTAT+3973	proteomics_stat	2271517	2271567	+	1	3	K.DLPSEVFTQIYQPPVSK.G	21
PSTAT+3974	proteomics_stat	2271775	2271804	+	1	3	R.KVDNSQITNR.M	14
PSTAT+3975	proteomics_stat	2280539	2280565	+	2	5	E.MFTINAEVR.K	13
PSTAT+3976	proteomics_stat	2280539	2280568	+	2	2	E.MFTINAEVRK.E	14
PSTAT+3977	proteomics_stat	2280542	2280565	+	2	2	M.FTINAEVR.K	12
PSTAT+3978	proteomics_stat	2280602	2280640	+	2	52	R.AANKFPAIYGGK.E	17
PSTAT+3979	proteomics_stat	2280641	2280697	+	2	7	K.EAPLAIELDHDKVMNMQAK.A	23
PSTAT+3980	proteomics_stat	2280641	2280676	+	2	8	K.EAPLAIELDHDK.V	16
PSTAT+3981	proteomics_stat	2280698	2280742	+	2	122	K.AEFYSEVLTIVVDGK.E	19
PSTAT+3982	proteomics_stat	2280752	2280775	+	2	4	K.VKAQDVQR.H	12
PSTAT+3983	proteomics_stat	2280794	2280820	+	2	6	K.LQHIDFVRA.-	13
PSTAT+3984	proteomics_stat	2280794	2280817	+	2	7	K.LQHIDFVR.A	12
PSTAT+3985	proteomics_stat	2282169	2282225	+	3	2	R.YSDEQVEQLLAELLNVEK.H	23
PSTAT+3986	proteomics_stat	2282232	2282312	+	3	3	K.APTDLSLMVLGNMVTNLINTSIAPAQR.Q	31
PSTAT+3987	proteomics_stat	2282340	2282375	+	3	10	R.ALQSSINEDKAH.-	16
PSTAT+3988	proteomics_stat	2283058	2283090	+	1	2	K.HGLLDAQEYQR.R	15
PSTAT+3989	proteomics_stat	2283502	2283552	+	1	2	R.TQSDEQTATQWINWLG.R.Y	21
PSTAT+3990	proteomics_stat	2283652	2283684	+	1	2	R.AAGNVDDQINR.V	15
PSTAT+3991	proteomics_stat	2283901	2283966	+	1	2	R.LLHVSTPASEYSQGQDLFNPQR.R	26
PSTAT+3992	proteomics_stat	2294157	2294210	+	3	4	R.RHMQVDNAVAISLLIISR.S	22

PSTAT+3993	proteomics_stat	2312056	2312097	+	1	3	R.RAEMLQQANALDER.E	18
PSTAT+3994	proteomics_stat	2312158	2312256	+	1	3	R.TTFNQPGHLATVVAFDLPINDLIPPGMPLDSFR.L	37
PSTAT+3995	proteomics_stat	2312257	2312301	+	1	2	R.LEPDATATGNNDNEK.E	19
PSTAT+3996	proteomics_stat	2312518	2312562	+	1	2	R.STENVPSTAVNNELR.I	19
PSTAT+3997	proteomics_stat	2312572	2312640	+	1	2	R.AINEEIVSLLPLGLLVHDQESNR.T	27
PSTAT+3998	proteomics_stat	2312818	2312850	+	1	3	R.DQDREVLVNNK.L	15
PSTAT+3999	proteomics_stat	2312911	2312967	+	1	5	K.NIGDALKEPAQSLAESAAK.L	23
PSTAT+4000	proteomics_stat	2313073	2313144	+	1	7	K.SETVLFVSVQDLIDEVVPVLPVPAIK.R	28
PSTAT+4001	proteomics_stat	2313151	2313183	+	1	3	K.GLQLLINNHLK.A	15
PSTAT+4002	proteomics_stat	2313424	2313465	+	1	2	K.ADPLAFWLSDQLAR.K	18
PSTAT+4003	proteomics_stat	2313688	2313783	+	1	3	R.LISQDYDIFLTDNPSNLTASGLLSDDDESQV.R	36
PSTAT+4004	proteomics_stat	2314199	2314258	+	2	5	Y.MNNMNVIIADDHPVIVFGIR.K	24
PSTAT+4005	proteomics_stat	2314262	2314339	+	2	4	K.SLEQIEWVNVVGEFEDSTALINNLPK.L	30
PSTAT+4006	proteomics_stat	2314340	2314414	+	2	5	K.LDAHVLITDLSMPGDKYGDGITLIK.Y	29
PSTAT+4007	proteomics_stat	2314619	2314648	+	2	6	K.ISAGGYGDKR.L	14
PSTAT+4008	proteomics_stat	2314775	2314846	+	2	12	K.LGVENDIALLNYSVTLSPADKD.-	28
PSTAT+4009	proteomics_stat	2337371	2337406	+	2	10	R.IIQIGALQLFLN.V	16
PSTAT+4010	proteomics_stat	2337604	2337645	+	1	6	K.SPVNHNVDHEEIAK.F	18
PSTAT+4011	proteomics_stat	2337667	2337705	+	1	3	R.WWDLEGEFKPLHR.I	17
PSTAT+4012	proteomics_stat	2337766	2337816	+	1	3	K.VLDVGCYGGGILAESMAR.E	21
PSTAT+4013	proteomics_stat	2337817	2337873	+	1	3	R.EGATVTGLDMGFEPQVAK.L	23
PSTAT+4014	proteomics_stat	2337874	2337942	+	1	5	K.LHALESIGQVDYVQETVEEHAH.H	27
PSTAT+4015	proteomics_stat	2337943	2338017	+	1	5	K.HAGQYDVVTCMEMLEHVDPQSVVR.A	29
PSTAT+4016	proteomics_stat	2338018	2338074	+	1	3	R.ACAQLVKPGGDVFFSTLNR.N	23
PSTAT+4017	proteomics_stat	2338159	2338209	+	1	2	K.FIKPAELLGWVDQTSK.E	21
PSTAT+4018	proteomics_stat	2338216	2338260	+	1	6	R.HITGLHYNPITNTFK.L	19
PSTAT+4019	proteomics_stat	2338261	2338308	+	1	2	K.LGPGVDVNYMLHTQNK.-	20
PSTAT+4020	proteomics_stat	2342959	2343018	+	1	2	R.VLDWAAEGLHNVSISQVELR.S	24
PSTAT+4021	proteomics_stat	2343019	2343048	+	1	7	R.SHIQFYDGIK.T	14
PSTAT+4022	proteomics_stat	2343049	2343078	+	1	4	K.TSDIHETIHK.A	14
PSTAT+4023	proteomics_stat	2343103	2343135	+	1	4	R.DAPDYQYLAAR.L	15
PSTAT+4024	proteomics_stat	2343160	2343210	+	1	2	K.KAYGQFEPALYDHVVK.M	21
PSTAT+4025	proteomics_stat	2343229	2343303	+	1	2	K.YDNHLLLEDYTEEFKQMDTFIDHDR.D	29
PSTAT+4026	proteomics_stat	2343469	2343498	+	1	2	K.RFYDAVSTFK.I	14
PSTAT+4027	proteomics_stat	2343694	2343735	+	1	9	R.GGEAFHTGCIPFYK.H	18
PSTAT+4028	proteomics_stat	2343880	2343909	+	1	8	R.HMDYGVQINK.L	14
PSTAT+4029	proteomics_stat	2343925	2344017	+	1	18	R.LLKGEDITLFSQSDVPGLYDAFFADQEEFER.L	35
PSTAT+4030	proteomics_stat	2343934	2344017	+	1	9	K.GEDITLFSQSDVPGLYDAFFADQEEFER.L	32
PSTAT+4031	proteomics_stat	2344069	2344104	+	1	2	K.AVELFSLMMQER.A	16
PSTAT+4032	proteomics_stat	2344120	2344188	+	1	11	R.IYIQNVHDHCNTHSPFDPAIAPVR.Q	27
PSTAT+4033	proteomics_stat	2344348	2344398	+	1	6	R.ALDALLDYQDYPIPAK.R	21
PSTAT+4034	proteomics_stat	2344477	2344512	+	1	12	R.YSDGSANLTHK.T	16
PSTAT+4035	proteomics_stat	2344567	2344611	+	1	3	K.EQGACPWVFNETHYAK.G	19
PSTAT+4036	proteomics_stat	2344642	2344695	+	1	2	K.DLDTIANEPLHYDWEALR.E	22
PSTAT+4037	proteomics_stat	2344723	2344803	+	1	2	R.NSTLSALMPSETSSQISNATNGIEPPR.G	31
PSTAT+4038	proteomics_stat	2344948	2344995	+	1	4	K.FIDQISANTNYDPSR.F	20

PSTAT+4039	proteomics_stat	2345011	2345034	+	1	2	K.VPMQQLK.D	12
PSTAT+4040	proteomics_stat	2345436	2345489	+	3	5	K.NDQLKEPMFFGQPVNVAR.Y	22
PSTAT+4041	proteomics_stat	2345490	2345522	+	3	2	R.YDQKDYDIFEK.L	15
PSTAT+4042	proteomics_stat	2345580	2345618	+	3	5	R.DRIDYQALPEHEK.H	17
PSTAT+4043	proteomics_stat	2345586	2345618	+	3	5	R.IDYQALPEHEK.H	15
PSTAT+4044	proteomics_stat	2345643	2345675	+	3	2	K.YQTLDSIQGR.S	15
PSTAT+4045	proteomics_stat	2345790	2345852	+	3	2	R.NIVNDPSVVFDDIVTNEQIQK.R	25
PSTAT+4046	proteomics_stat	2346117	2346167	+	3	7	R.DEALHLTGTQHMLNLLR.S	21
PSTAT+4047	proteomics_stat	2346285	2346311	+	3	4	R.DGSMIGLNK.D	13
PSTAT+4048	proteomics_stat	2346312	2346353	+	3	4	K.DILCQYVEYITNIR.M	18
PSTAT+4049	proteomics_stat	2346354	2346392	+	3	3	R.MQAVGLDLPFQTR.S	17
PSTAT+4050	proteomics_stat	2350786	2350815	+	1	8	R.HDIATGATGR.N	14
PSTAT+4051	proteomics_stat	2351782	2351862	+	1	2	R.KLGNTRPCTTADLALPGSQEPAEVTLR.K	31
PSTAT+4052	proteomics_stat	2352386	2352490	+	2	3	R.GQSALHFSSGSLDLLSHLPDGGQPVTDIHSGLSLR.Q	39
PSTAT+4053	proteomics_stat	2364655	2364705	+	1	2	K.YNLTDINAAIALTLQVK.L	21
PSTAT+4054	proteomics_stat	2364952	2365002	+	1	2	R.ERFPTLSLPNTEWNSER.I	21
PSTAT+4055	proteomics_stat	2365003	2365086	+	1	2	R.ICSLPLFPDMMTADADHVITALQQLAGQ.-	32
PSTAT+4056	proteomics_stat	2370689	2370763	+	2	4	R.AVAGTGAGLSWSCHGALAAGLAERT.G	29
PSTAT+4057	proteomics_stat	2379870	2379923	+	3	3	R.SMSGIIQPLTIYGPQGIR.E	22
PSTAT+4058	proteomics_stat	2380077	2380124	+	3	4	R.IEEHDKPGALNAQALK.A	20
PSTAT+4059	proteomics_stat	2380452	2380484	+	3	2	R.YDDKGCQHLLR.E	15
PSTAT+4060	proteomics_stat	2406009	2406068	+	3	2	K.AVHYLCDESSDWFPDLDDIR.A	24
PSTAT+4061	proteomics_stat	2406519	2406569	+	3	2	R.AWELINDIPGVSCVKPR.G	21
PSTAT+4062	proteomics_stat	2406962	2407027	+	2	3	R.TENVSEHSLQVAMVAHALAAIK.N	26
PSTAT+4063	proteomics_stat	2407064	2407132	+	2	3	R.IALLAMYHDASEVLTGDLPTPVK.Y	27
PSTAT+4064	proteomics_stat	2407133	2407165	+	2	2	K.YFNSQIAQEYK.A	15
PSTAT+4065	proteomics_stat	2407193	2407273	+	2	2	K.LVDMVPEELRDIFAPLIDEHAYSDEEK.S	31
PSTAT+4066	proteomics_stat	2411543	2411620	+	2	22	K.FAIIDAVNGEYLSGLAECFHLPEAR.I	30
PSTAT+4067	proteomics_stat	2411648	2411764	+	2	2	K.QEALGAGAAHSEALNFIVNTILAQKPELSAQLTAIGHR.I	43
PSTAT+4068	proteomics_stat	2411786	2411833	+	2	5	K.YTSSVVIDESVIQGIK.D	20
PSTAT+4069	proteomics_stat	2411786	2411899	+	2	6	K.YTSSVVIDESVIQGIKDAASFAPLHNPAHLIGIEEALK.S	42
PSTAT+4070	proteomics_stat	2411834	2411899	+	2	7	K.DAASFAPLHNPAHLIGIEEALK.S	26
PSTAT+4071	proteomics_stat	2412026	2412076	+	2	15	R.YGAHGTSHFYVTQEAAK.M	21
PSTAT+4072	proteomics_stat	2412077	2412154	+	2	24	K.MLNKPEELNIITCHLGNNGGSVSAIR.N	30
PSTAT+4073	proteomics_stat	2412101	2412154	+	2	15	E.LNIITCHLGNNGGSVSAIR.N	22
PSTAT+4074	proteomics_stat	2412164	2412220	+	2	5	K.CVDTSMGLTPLEGLVMGTR.S	23
PSTAT+4075	proteomics_stat	2412167	2412220	+	2	2	C.VDTSMGLTPLEGLVMGTR.S	22
PSTAT+4076	proteomics_stat	2412221	2412295	+	2	34	R.SGDIDPAIIFHLHDTLGMSVDANK.L	29
PSTAT+4077	proteomics_stat	2412308	2412352	+	2	4	K.ESGLLGLTEVTSDCR.Y	19
PSTAT+4078	proteomics_stat	2412353	2412394	+	2	4	R.YVEDNYATKEDAKR.A	18
PSTAT+4079	proteomics_stat	2412353	2412379	+	2	4	R.YVEDNYATK.E	13
PSTAT+4080	proteomics_stat	2412353	2412391	+	2	2	R.YVEDNYATKEDAK.R	17
PSTAT+4081	proteomics_stat	2412428	2412463	+	2	2	K.YIGAYTALMDGR.L	16
PSTAT+4082	proteomics_stat	2412464	2412517	+	2	8	R.LDAVFTGGIGENAAMVR.E	22
PSTAT+4083	proteomics_stat	2412536	2412571	+	2	4	K.LGVLFGEVDHER.N	16
PSTAT+4084	proteomics_stat	2412614	2412682	+	2	20	K.EGTRPAVVIPTNEELVIAQDASR.L	27

PSTAT+4085	proteomics_stat	2412868	2412900	+	1	4	R.LSVFKPIAQPR.T	15
PSTAT+4086	proteomics_stat	2412901	2412942	+	1	10	R.TGGDAPDQTTTIVR.A	18
PSTAT+4087	proteomics_stat	2412943	2412981	+	1	5	R.ANSSTTTAAEPLK.M	17
PSTAT+4088	proteomics_stat	2412982	2413068	+	1	2	K.MSYVEGLLSSNQKDVLMEEIVANYHANTK.D	33
PSTAT+4089	proteomics_stat	2412982	2413020	+	1	4	K.MSYVEGLLSSNQK.D	17
PSTAT+4090	proteomics_stat	2413021	2413068	+	1	4	K.DVLMEEIVANYHANTK.D	20
PSTAT+4091	proteomics_stat	2413069	2413113	+	1	8	K.DAEVVLVEGLVPTRK.H	19
PSTAT+4092	proteomics_stat	2413069	2413110	+	1	2	K.DAEVVLVEGLVPTR.K	18
PSTAT+4093	proteomics_stat	2413114	2413152	+	1	15	K.HQFAQSLNYEIAK.T	17
PSTAT+4094	proteomics_stat	2413153	2413221	+	1	2	K.TLNAEIVFVMSQGTDTPEQLKER.I	27
PSTAT+4095	proteomics_stat	2413258	2413290	+	1	3	K.NTNITGVIVNK.L	15
PSTAT+4096	proteomics_stat	2413291	2413320	+	1	4	K.LNAPVDEQGR.T	14
PSTAT+4097	proteomics_stat	2413321	2413362	+	1	9	R.TRPDLSEIFDDSSK.A	18
PSTAT+4098	proteomics_stat	2413363	2413392	+	1	4	K.AKVNNVDPK.L	14
PSTAT+4099	proteomics_stat	2413369	2413392	+	1	2	K.VNNVDPK.L	12
PSTAT+4100	proteomics_stat	2413393	2413461	+	1	10	K.LQESSPLPVLGAVPWSFDLIATR.A	27
PSTAT+4101	proteomics_stat	2413480	2413524	+	1	23	R.HLNATIINEGDINTR.R	19
PSTAT+4102	proteomics_stat	2413849	2413917	+	1	3	K.VQEYVANYINADWIESLTATSER.S	27
PSTAT+4103	proteomics_stat	2413948	2413971	+	1	4	R.YQLTELAR.K	12
PSTAT+4104	proteomics_stat	2414050	2414097	+	1	5	R.GIATCVLLGNPAEINR.V	20
PSTAT+4105	proteomics_stat	2414230	2414355	+	1	2	R.EQLEDNVVLGTLMLEQDEVDGLVSGAVHTTANTIRPPLQLIK.T	46
PSTAT+4106	proteomics_stat	2414524	2414580	+	1	9	R.VAMLSYSTGTSGAGSDVEK.V	23
PSTAT+4107	proteomics_stat	2414614	2414679	+	1	8	K.RPDLMIDGPLQYDAAVMADVAK.S	26
PSTAT+4108	proteomics_stat	2414713	2414763	+	1	8	R.ATVFIFPDLNTGNTTYK.A	21
PSTAT+4109	proteomics_stat	2414776	2414820	+	1	3	R.SADLISIGPMLQGM.R.K	19
PSTAT+4110	proteomics_stat	2414821	2414844	+	1	4	R.KPVNDLSR.G	12
PSTAT+4111	proteomics_stat	2414845	2414910	+	1	11	R.GALVDDIVYTIALTAIQSAQQQ.-	26
PSTAT+4112	proteomics_stat	2418748	2418777	+	1	2	K.GGQFRPEFLR.I	14
PSTAT+4113	proteomics_stat	2419395	2419433	+	3	2	R.TFIGIKEEEINNR.Q	17
PSTAT+4114	proteomics_stat	2419485	2419520	+	3	4	R.TSEDINDALNYR.T	16
PSTAT+4115	proteomics_stat	2419533	2419562	+	3	9	K.NIIQHVENNR.F	14
PSTAT+4116	proteomics_stat	2419581	2419610	+	3	2	K.LTQDVLDIAR.E	14
PSTAT+4117	proteomics_stat	2419787	2419825	+	2	3	R.LLELGHQITVVTR.N	17
PSTAT+4118	proteomics_stat	2419862	2419954	+	2	4	R.VTLWQGLADQSNLNGVDAVINLAGEPIADKR.W	35
PSTAT+4119	proteomics_stat	2420276	2420308	+	2	2	R.LGLGGPIGSGR.Q	15
PSTAT+4120	proteomics_stat	2420495	2420539	+	2	2	R.LLMGESSVLVLGGQR.A	19
PSTAT+4121	proteomics_stat	2420552	2420581	+	2	4	K.RLEEAGFAFR.W	14
PSTAT+4122	proteomics_stat	2420582	2420620	+	2	4	R.WYDLEALADVVR.-	17
PSTAT+4123	proteomics_stat	2427067	2427099	+	1	5	F.RCRRSEVHFLR.S	15
PSTAT+4124	proteomics_stat	2439852	2439902	+	3	3	R.DFDDVYFSNDNGLEETR.Y	21
PSTAT+4125	proteomics_stat	2440383	2440436	+	3	5	R.LARPGGTLATFTSAGFVR.R	22
PSTAT+4126	proteomics_stat	2441355	2441402	+	3	5	R.GSEDYSEDDEQQQNR.Q	20
PSTAT+4127	proteomics_stat	2446766	2446846	+	2	2	R.LIQEQADASHYFSDEFQPLLNTEGPVK.Y	31
PSTAT+4128	proteomics_stat	2446892	2446954	+	2	4	R.RGDYSPFLDLHLGLTLQQAQ.K	25
PSTAT+4129	proteomics_stat	2448537	2448593	+	3	2	R.ITCYSLPISAPLTGRNHRT.E	23
PSTAT+4130	proteomics_stat	2459403	2459447	+	3	6	S.AGFQLNEFSSSGLGR.A	19

PSTAT+4131	proteomics_stat	2459448	2459498	+	3	5	R.AYSGEGAIADDAGNVSR.N	21
PSTAT+4132	proteomics_stat	2460381	2460428	+	3	2	R.IALGTTYYYDDNWTFR.T	20
PSTAT+4133	proteomics_stat	2460429	2460473	+	3	2	R.TGIAFDDSPVPAQNR.S	19
PSTAT+4134	proteomics_stat	2463395	2463430	+	2	2	K.KIEIDEDRLPSR.A	16
PSTAT+4135	proteomics_stat	2466368	2466439	+	2	10	K.DATESIINALAVSDPLVVPLSFTR.N	28
PSTAT+4136	proteomics_stat	2467255	2467317	+	1	8	R.AIKPLIEDIPAFTYDLPLLYK.L	25
PSTAT+4137	proteomics_stat	2478016	2478099	+	1	4	R.IVDADNPLFVYLPCGVGGGPGGVAFGLK.L	32
PSTAT+4138	proteomics_stat	2478469	2478543	+	1	2	R.NTTHLVWATGGGMVPEEEMNQYLAK.G	29
PSTAT+4139	proteomics_stat	2481777	2481827	+	3	3	S.MNAIIIDDHPLAIAAIR.N	21
PSTAT+4140	proteomics_stat	2482044	2482082	+	3	4	K.HCADAGANGFVSK.K	17
PSTAT+4141	proteomics_stat	2482083	2482127	+	3	3	K.KEGMNNIAAIEAAK.N	19
PSTAT+4142	proteomics_stat	2482128	2482163	+	3	3	K.NGYCYFPFSLNR.F	16
PSTAT+4143	proteomics_stat	2498747	2498806	+	2	2	K.LEAAWQQQTSSTPAATVTR.E	24
PSTAT+4144	proteomics_stat	2498807	2498842	+	2	2	R.ENDTINLVKDER.I	16
PSTAT+4145	proteomics_stat	2499065	2499100	+	2	2	R.LKDLDPEVPVSR.S	16
PSTAT+4146	proteomics_stat	2500399	2500458	+	1	2	R.LLFIKILINKDILQRQWA.N	24
PSTAT+4147	proteomics_stat	2509180	2509269	+	1	21	V.TTGIAIMSGAKTVGGVMIMATTVAGISVKR.M	34
PSTAT+4148	proteomics_stat	2512012	2512053	+	1	3	K.LVSNEFVAMMDLQK.I	18
PSTAT+4149	proteomics_stat	2525724	2525801	+	3	3	R.RLSFNKADEITIVFCGSKKSLANGIP.M	30
PSTAT+4150	proteomics_stat	2525916	2525963	+	3	2	R.QTEQLQAQQESSADKA.-	20
PSTAT+4151	proteomics_stat	2529827	2529874	+	2	2	R.LTGATPPDTGIFGIMK.D	20
PSTAT+4152	proteomics_stat	2530434	2530487	+	3	116	M.SKIFEDNSLTIGHTPLVR.L	22
PSTAT+4153	proteomics_stat	2530437	2530487	+	3	4	S.KIFEDNSLTIGHTPLVR.L	21
PSTAT+4154	proteomics_stat	2530440	2530487	+	3	27	K.IFEDNSLTIGHTPLVR.L	20
PSTAT+4155	proteomics_stat	2530443	2530487	+	3	3	I.FEDNSLTIGHTPLVR.L	19
PSTAT+4156	proteomics_stat	2530449	2530487	+	3	2	E.DNSLTIGHTPLVR.L	17
PSTAT+4157	proteomics_stat	2530560	2530595	+	3	2	C.RIGANMIWDAEK.R	16
PSTAT+4158	proteomics_stat	2530563	2530595	+	3	4	R.IGANMIWDAEK.R	15
PSTAT+4159	proteomics_stat	2530563	2530598	+	3	22	R.IGANMIWDAEKR.G	16
PSTAT+4160	proteomics_stat	2530596	2530682	+	3	97	K.RGVLPKPGVELVEPTSGNTGIALAYVAAAR.G	33
PSTAT+4161	proteomics_stat	2530596	2530664	+	3	2	K.RGVLPKPGVELVEPTSGNTGIALA.Y	27
PSTAT+4162	proteomics_stat	2530599	2530682	+	3	270	R.GVLKPGVELVEPTSGNTGIALAYVAAAR.G	32
PSTAT+4163	proteomics_stat	2530599	2530664	+	3	3	R.GVLKPGVELVEPTSGNTGIALA.Y	26
PSTAT+4164	proteomics_stat	2530692	2530730	+	3	6	K.LTLTMPETMSIER.R	17
PSTAT+4165	proteomics_stat	2530746	2530784	+	3	21	K.ALGANLVLTEGAK.G	17
PSTAT+4166	proteomics_stat	2530794	2530841	+	3	8	K.GAIQKAEIIVASNPEK.Y	20
PSTAT+4167	proteomics_stat	2530809	2530841	+	3	13	K.AEEIVASNPEK.Y	15
PSTAT+4168	proteomics_stat	2530839	2530895	+	3	2	E.KYLLQQFSNPANPEIHEK.T	23
PSTAT+4169	proteomics_stat	2530842	2530895	+	3	49	K.YLLQQFSNPANPEIHEK.T	22
PSTAT+4170	proteomics_stat	2530845	2530895	+	3	3	Y.LLLQQFSNPANPEIHEK.T	21
PSTAT+4171	proteomics_stat	2530848	2530895	+	3	2	L.LLQQFSNPANPEIHEK.T	20
PSTAT+4172	proteomics_stat	2530851	2530895	+	3	2	L.LQQFSNPANPEIHEK.T	19
PSTAT+4173	proteomics_stat	2530854	2530991	+	3	10	L.QQFSNPANPEIHEKTTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R.Y	50
PSTAT+4174	proteomics_stat	2530863	2530895	+	3	4	F.SNPANPEIHEK.T	15
PSTAT+4175	proteomics_stat	2530896	2530991	+	3	184	K.TTGPEIWEDTDGQVDVFIAGVGTGGTLTGVS.R.Y	36
PSTAT+4176	proteomics_stat	2531010	2531108	+	3	84	K.GKTDLISVAVEPTDSPVIAQALAGEEIKPGPHK.I	37

PSTAT+4177	proteomics_stat	2531043	2531108	+	3	9	E.PTDSPVIAQALAGEEIKPGPHK.I	26
PSTAT+4178	proteomics_stat	2531106	2531156	+	3	4	H.KIQGIGAGFIPANLDLK.L	21
PSTAT+4179	proteomics_stat	2531109	2531156	+	3	44	K.IQGIGAGFIPANLDLK.L	20
PSTAT+4180	proteomics_stat	2531157	2531210	+	3	55	K.LVDKIVIGITNEEAISTAR.R	22
PSTAT+4181	proteomics_stat	2531166	2531210	+	3	2	D.KVIGITNEEAISTAR.R	19
PSTAT+4182	proteomics_stat	2531169	2531210	+	3	27	K.VIGITNEEAISTAR.R	18
PSTAT+4183	proteomics_stat	2531172	2531210	+	3	4	V.IGITNEEAISTAR.R	17
PSTAT+4184	proteomics_stat	2531211	2531279	+	3	273	R.RLMEEEGILAGISSGAAVAAALK.L	27
PSTAT+4185	proteomics_stat	2531214	2531279	+	3	499	R.LMEEEGILAGISSGAAVAAALK.L	26
PSTAT+4186	proteomics_stat	2531277	2531309	+	3	2	L.KLQEDESFTNK.N	15
PSTAT+4187	proteomics_stat	2531280	2531309	+	3	10	K.LQEDESFTNK.N	14
PSTAT+4188	proteomics_stat	2531283	2531309	+	3	2	L.QEDESFTNK.N	13
PSTAT+4189	proteomics_stat	2531310	2531345	+	3	9	K.NIVVILPSSGER.Y	16
PSTAT+4190	proteomics_stat	2531343	2531387	+	3	5	E.RYLSTALFADLFTEK.E	19
PSTAT+4191	proteomics_stat	2531346	2531387	+	3	128	R.YLSTALFADLFTEK.E	18
PSTAT+4192	proteomics_stat	2531346	2531399	+	3	39	R.YLSTALFADLFTEKELQQ.-	22
PSTAT+4193	proteomics_stat	2531349	2531387	+	3	4	Y.LSTALFADLFTEK.E	17
PSTAT+4194	proteomics_stat	2531786	2531857	+	2	84	T.MFQQEVITITAPNGLHTRPAAQFVK.E	28
PSTAT+4195	proteomics_stat	2531867	2531905	+	2	33	K.GFTSEITVTSNGK.S	17
PSTAT+4196	proteomics_stat	2531933	2532022	+	2	64	K.LQTLGLTQGTVVITISAEGEDEQKAVEHLVK.L	34
PSTAT+4197	proteomics_stat	2531933	2532001	+	2	22	K.LQTLGLTQGTVVITISAEGEDEQK.A	27
PSTAT+4198	proteomics_stat	2532088	2532132	+	1	5	V.MISGILASPGIAFGK.A	19
PSTAT+4199	proteomics_stat	2532091	2532132	+	1	2	M.ISGILASPGIAFGK.A	18
PSTAT+4200	proteomics_stat	2532130	2532171	+	1	2	G.KALLLKEDEVIDR.K	18
PSTAT+4201	proteomics_stat	2532133	2532171	+	1	36	K.ALLLKEDEVIDR.K	17
PSTAT+4202	proteomics_stat	2532133	2532174	+	1	14	K.ALLLKEDEVIDRK.K	18
PSTAT+4203	proteomics_stat	2532148	2532171	+	1	3	K.EDEVIDR.K	12
PSTAT+4204	proteomics_stat	2532175	2532213	+	1	12	K.KISADQVDQEVER.F	17
PSTAT+4205	proteomics_stat	2532178	2532213	+	1	12	K.ISADQVDQEVER.F	16
PSTAT+4206	proteomics_stat	2532181	2532213	+	1	2	I.SADQVDQEVER.F	15
PSTAT+4207	proteomics_stat	2532229	2532261	+	1	4	R.AKASAQLETIK.T	15
PSTAT+4208	proteomics_stat	2532235	2532261	+	1	3	K.ASAQLETIK.T	13
PSTAT+4209	proteomics_stat	2532262	2532294	+	1	3	K.TKAGETFGEEK.E	15
PSTAT+4210	proteomics_stat	2532268	2532294	+	1	3	K.AGETFGEEK.E	13
PSTAT+4211	proteomics_stat	2532268	2532315	+	1	2	K.AGETFGEEKEAIFEGH.I	20
PSTAT+4212	proteomics_stat	2532370	2532459	+	1	10	K.DKHMTADAAAHEVIEGQASALEELDDEYLK.E	34
PSTAT+4213	proteomics_stat	2532370	2532465	+	1	13	K.DKHMTADAAAHEVIEGQASALEELDDEYLKER.A	36
PSTAT+4214	proteomics_stat	2532376	2532459	+	1	30	K.HMTADAAAHEVIEGQASALEELDDEYLK.E	32
PSTAT+4215	proteomics_stat	2532523	2532612	+	1	161	K.IIDLSAIQDEVILVAADLTPSETAQLNLK.V	34
PSTAT+4216	proteomics_stat	2532523	2532609	+	1	77	K.IIDLSAIQDEVILVAADLTPSETAQLNLK.K	33
PSTAT+4217	proteomics_stat	2532610	2532645	+	1	9	K.KVLGFITDAGGR.T	16
PSTAT+4218	proteomics_stat	2532613	2532645	+	1	3	K.VLGFITDAGGR.T	15
PSTAT+4219	proteomics_stat	2532616	2532645	+	1	2	V.LGFITDAGGR.T	14
PSTAT+4220	proteomics_stat	2532673	2532726	+	1	26	R.SLELPAIVGTGSVTSQVK.N	22
PSTAT+4221	proteomics_stat	2532727	2532801	+	1	21	K.NDDYLILDVNNQVYVNPTNEVIDK.M	29
PSTAT+4222	proteomics_stat	2532748	2532801	+	1	3	L.DAVNNQVYVNPTNEVIDK.M	22

PSTAT+4223	proteomics_stat	2532751	2532801	+	1	2	D.AVNNQVYVNPTEVIDK.M	21
PSTAT+4224	proteomics_stat	2532808	2532852	+	1	6	R.AVQEQVASEKELAK.L	19
PSTAT+4225	proteomics_stat	2532808	2532837	+	1	12	R.AVQEQVASEK.A	14
PSTAT+4226	proteomics_stat	2532853	2532924	+	1	41	K.LKDLPAITLDGHQVEVCANIGTVR.D	28
PSTAT+4227	proteomics_stat	2532859	2532924	+	1	2	K.DLPAITLDGHQVEVCANIGTVR.D	26
PSTAT+4228	proteomics_stat	2532946	2532975	+	1	9	R.NGAEGVGLYR.T	14
PSTAT+4229	proteomics_stat	2532976	2533041	+	1	5	R.TEFLFMDRDALPTEEEQFAAYK.A	26
PSTAT+4230	proteomics_stat	2532976	2532999	+	1	2	R.TEFLFMDR.D	12
PSTAT+4231	proteomics_stat	2533000	2533041	+	1	14	R.DALPTEEEQFAAYK.A	18
PSTAT+4232	proteomics_stat	2533042	2533083	+	1	7	K.AVAEACGSQAVIVR.T	18
PSTAT+4233	proteomics_stat	2533084	2533134	+	1	11	R.TMDIGGDKELPYMNFPE.E	21
PSTAT+4234	proteomics_stat	2533135	2533161	+	1	2	K.EENPFLGWR.A	13
PSTAT+4235	proteomics_stat	2533249	2533287	+	1	12	R.IMFPMIISVEEVR.A	17
PSTAT+4236	proteomics_stat	2533300	2533341	+	1	5	K.EIEIYKQELRDEGK.A	18
PSTAT+4237	proteomics_stat	2533342	2533407	+	1	47	K.AFDESIEIGVMVETPAAATIAR.H	26
PSTAT+4238	proteomics_stat	2533384	2533482	+	1	5	T.PAAATIARHLAKEVDFFSIGTNDLTQYTLAVDR.G	37
PSTAT+4239	proteomics_stat	2533420	2533482	+	1	19	K.EVDFFSIGTNDLTQYTLAVDR.G	25
PSTAT+4240	proteomics_stat	2533483	2533545	+	1	15	R.GNDMISHLYQPMSPSVLNLIK.Q	25
PSTAT+4241	proteomics_stat	2533546	2533578	+	1	14	K.QVIDASHAEGK.W	15
PSTAT+4242	proteomics_stat	2533549	2533578	+	1	3	Q.VIDASHAEGK.W	14
PSTAT+4243	proteomics_stat	2533579	2533617	+	1	7	K.WTGMCGELAGDER.A	17
PSTAT+4244	proteomics_stat	2533702	2533725	+	1	3	R.NTNFEDAK.V	12
PSTAT+4245	proteomics_stat	2533726	2533788	+	1	10	K.VLAEQALAQPTTDELMTLVNK.F	25
PSTAT+4246	proteomics_stat	2533880	2533903	+	2	11	K.SLVSDDKK.D	12
PSTAT+4247	proteomics_stat	2533880	2533990	+	2	29	K.SLVSDDKKDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	41
PSTAT+4248	proteomics_stat	2533901	2533990	+	2	38	K.KDTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	34
PSTAT+4249	proteomics_stat	2533904	2533990	+	2	200	K.DTGTIEIIAPLSGEIVNIEDVPDVVFAEK.I	33
PSTAT+4250	proteomics_stat	2533931	2533990	+	2	11	A.PLSGEIVNIEDVPDVVFAEK.I	24
PSTAT+4251	proteomics_stat	2533991	2534032	+	2	23	K.IVGDGIAIKPTGNK.M	18
PSTAT+4252	proteomics_stat	2533994	2534032	+	2	3	I.VGDGIAIKPTGNK.M	17
PSTAT+4253	proteomics_stat	2534033	2534065	+	2	16	K.MVAPVDGTIGK.I	15
PSTAT+4254	proteomics_stat	2534039	2534065	+	2	3	V.APVDGTIGK.I	13
PSTAT+4255	proteomics_stat	2534171	2534194	+	2	2	K.RIAEEGQR.V	12
PSTAT+4256	proteomics_stat	2534195	2534248	+	2	64	R.VKVGDTVIEFDLPLLEEK.A	22
PSTAT+4257	proteomics_stat	2534201	2534248	+	2	41	K.VGDTVIEFDLPLLEEK.A	20
PSTAT+4258	proteomics_stat	2534249	2534311	+	2	4	K.AKSTLTPVVVISNMDEIKELIK.L	25
PSTAT+4259	proteomics_stat	2534255	2534311	+	2	51	K.STLTPVVVISNMDEIKELIK.L	23
PSTAT+4260	proteomics_stat	2534255	2534299	+	2	11	K.STLTPVVVISNMDEIK.E	19
PSTAT+4261	proteomics_stat	2534312	2534353	+	2	14	K.LSGSVTVGETPVIR.I	18
PSTAT+4262	proteomics_stat	2534315	2534353	+	2	2	L.SGSVTVGETPVIR.I	17
PSTAT+4263	proteomics_stat	2542421	2542489	+	2	8	R.AFDSCGYRRRVTHIGDNRRTAMT.T	27
PSTAT+4264	proteomics_stat	2550692	2550742	+	2	2	R.SGDTFIPLYDRVEIAHK.H	21
PSTAT+4265	proteomics_stat	2550902	2550970	+	2	3	K.KATDKDHLLQQVLFDLVQTDTIK.N	27
PSTAT+4266	proteomics_stat	2550905	2550970	+	2	3	K.ATDKDHLLQQVLFDLVQTDTIK.N	26
PSTAT+4267	proteomics_stat	2562275	2562304	+	2	5	K.YHFSNETEFK.L	14
PSTAT+4268	proteomics_stat	2562698	2562727	+	2	2	K.GGVSHWLEGR.R	14

PSTAT+4269	proteomics_stat	2562818	2562853	+	2	2	R.VHPEDRGEMELR.E	16
PSTAT+4270	proteomics_stat	2563307	2563351	+	2	2	K.LITLLPNWIDKLGDE.-	19
PSTAT+4271	proteomics_stat	2574879	2574914	+	3	6	F.KARIGFVIDDLK.I	16
PSTAT+4272	proteomics_stat	2576688	2576759	+	3	4	P.MNELDGIKQFTTVVADSGDIESIR.H	28
PSTAT+4273	proteomics_stat	2576712	2576759	+	3	6	K.QFTTVVADSGDIESIR.H	20
PSTAT+4274	proteomics_stat	2576760	2576807	+	3	11	R.HYHPQDATTNPSLLK.A	20
PSTAT+4275	proteomics_stat	2576805	2576864	+	3	4	L.KAAGLSQYEHLIDDAIAWGK.K	24
PSTAT+4276	proteomics_stat	2576808	2576867	+	3	9	K.AAGLSQYEHLIDDAIAWGK.K	24
PSTAT+4277	proteomics_stat	2576808	2576864	+	3	11	K.AAGLSQYEHLIDDAIAWGK.K	23
PSTAT+4278	proteomics_stat	2576877	2576912	+	3	8	K.TQEQQVVAACDK.L	16
PSTAT+4279	proteomics_stat	2576961	2576984	+	3	2	R.VSTEVDAR.L	12
PSTAT+4280	proteomics_stat	2576985	2577005	+	3	2	R.LSFDKEK.S	11
PSTAT+4281	proteomics_stat	2577024	2577062	+	3	14	R.HLVLDYQQQGVK.S	17
PSTAT+4282	proteomics_stat	2577129	2577179	+	3	39	K.EGINCNLTLIFSFAQAR.A	21
PSTAT+4283	proteomics_stat	2577129	2577179	+	3	39	K.EGINCNLTLIFSFAQAR.A	21
PSTAT+4284	proteomics_stat	2577180	2577227	+	3	19	R.ACAEAGVFLISPFVGR.I	20
PSTAT+4285	proteomics_stat	2577180	2577227	+	3	19	R.ACAEAGVFLISPFVGR.I	20
PSTAT+4286	proteomics_stat	2577252	2577296	+	3	8	R.KPMDPYVVEEDPGVK.S	19
PSTAT+4287	proteomics_stat	2577369	2577407	+	3	4	R.RTEQILALTGCDR.L	17
PSTAT+4288	proteomics_stat	2577531	2577566	+	3	16	R.WEHNQDAMAVEK.L	16
PSTAT+4289	proteomics_stat	2577606	2577635	+	3	3	R.KLEDLLAAKL.-	14
PSTAT+4290	proteomics_stat	2577606	2577632	+	3	7	R.KLEDLLAAK.L	13
PSTAT+4291	proteomics_stat	2577691	2577717	+	1	3	R.ALSMDAVQK.A	13
PSTAT+4292	proteomics_stat	2577691	2577717	+	1	3	R.ALSMDAVQK.A	13
PSTAT+4293	proteomics_stat	2577718	2577792	+	1	5	K.ANSGHPGAPMGADIAEVLWDFLK.H	29
PSTAT+4294	proteomics_stat	2577943	2578047	+	1	6	K.TPGHPEIGYTPGVETTTGPLGQGLANAVGLAIAER.T	39
PSTAT+4295	proteomics_stat	2577976	2578047	+	1	3	P.GVETTTGPLGQGLANAVGLAIAER.T	28
PSTAT+4296	proteomics_stat	2578186	2578263	+	1	2	K.LIGFYDHNHGISIDGETEGWFTDDTAK.R	30
PSTAT+4297	proteomics_stat	2578267	2578329	+	1	5	R.FEAYHWHVIHEIDGHDPQAVK.E	25
PSTAT+4298	proteomics_stat	2578330	2578359	+	1	2	K.EAILEAQSVK.D	14
PSTAT+4299	proteomics_stat	2578417	2578476	+	1	6	K.AGKEEAHGAPLGEEVALAR.Q	24
PSTAT+4300	proteomics_stat	2578426	2578476	+	1	3	K.EEAHGAPLGEEVALAR.Q	21
PSTAT+4301	proteomics_stat	2578600	2578635	+	1	4	K.KAHPQLAEFTR.R	16
PSTAT+4302	proteomics_stat	2578603	2578635	+	1	7	K.AHPQLAEFTR.R	15
PSTAT+4303	proteomics_stat	2578684	2578716	+	1	4	K.YINELQANPAK.I	15
PSTAT+4304	proteomics_stat	2578729	2578827	+	1	4	R.KASQNTLNAYGPMLPELLGGSADLAPSNLTIWK.G	37
PSTAT+4305	proteomics_stat	2578732	2578827	+	1	2	K.ASQNTLNAYGPMLPELLGGSADLAPSNLTIWK.G	36
PSTAT+4306	proteomics_stat	2578828	2578884	+	1	7	K.GSVSLKEDPAGNYIHYGVR.E	23
PSTAT+4307	proteomics_stat	2578846	2578884	+	1	2	K.EDPAGNYIHYGVR.E	17
PSTAT+4308	proteomics_stat	2579017	2579103	+	1	2	R.QIMVYTHDSIGLGEDGPTHQAVEQLASLR.L	33
PSTAT+4309	proteomics_stat	2579392	2579445	+	1	2	R.VVSLPSTDFDAQDEEYR.E	22
PSTAT+4310	proteomics_stat	2579533	2579583	+	1	2	K.GAIVGMTGYGESAPADK.L	21
PSTAT+4311	proteomics_stat	2585965	2586006	+	1	2	R.KLPQAVQNQGVTVR.K	18
PSTAT+4312	proteomics_stat	2586220	2586297	+	1	2	K.DVTD AIESQNAQI AVGQLGGTSPVDK.Q	30
PSTAT+4313	proteomics_stat	2589479	2589541	+	2	2	R.NKITDAASAAALMTEMPAIIK.R	25
PSTAT+4314	proteomics_stat	2589542	2589622	+	2	10	K.RPLLCVPGKPMLLGFS DSSYQQFFHEV.-	31

PSTAT+4315	proteomics_stat	2589671	2589724	+	2	3	R.RPSLSPDDAGCQALLIER.L	22
PSTAT+4316	proteomics_stat	2590163	2590246	+	2	2	R.GSLTCNLTIHGQGHVAYPHLADNPVHR.A	32
PSTAT+4317	proteomics_stat	2590520	2590612	+	2	5	R.GKLVDAVVNAVEHYNEIKPQLLTGGTSDGR.F	35
PSTAT+4318	proteomics_stat	2590526	2590612	+	2	2	K.LVDVVNAVEHYNEIKPQLLTGGTSDGR.F	33
PSTAT+4319	proteomics_stat	2590625	2590675	+	2	3	R.MGAQVVELGPNATIHK.I	21
PSTAT+4320	proteomics_stat	2596240	2596299	+	1	7	R.GVSGRFIQTGGNNVHHLRAV.T	24
PSTAT+4321	proteomics_stat	2597931	2598008	+	3	10	L.TLSSQHYLVITALGADRPQIVNTITR.H	30
PSTAT+4322	proteomics_stat	2598009	2598047	+	3	3	R.HVSSCGCNIEDSR.L	17
PSTAT+4323	proteomics_stat	2598261	2598314	+	3	7	R.FTALFDAHMMNIAELVSR.T	22
PSTAT+4324	proteomics_stat	2598339	2598416	+	3	14	R.AAQLHIQITAHSPASADAANIEQAFK.A	30
PSTAT+4325	proteomics_stat	2598536	2598595	+	2	8	K.FSLPDQDGEQVNLTFDQGR.V	24
PSTAT+4326	proteomics_stat	2598596	2598619	+	2	2	R.VLVYFYFK.A	12
PSTAT+4327	proteomics_stat	2598662	2598685	+	2	2	R.DNMDELK.K.A	12
PSTAT+4328	proteomics_stat	2598686	2598730	+	2	9	K.AGVDVLGISTDKPEK.L	19
PSTAT+4329	proteomics_stat	2598752	2598826	+	2	6	K.ELLNFTLLSDEDHQVCEQFGVWGEK.S	29
PSTAT+4330	proteomics_stat	2598863	2598919	+	2	4	R.ISFLIDADGKIEHVDFDK.T	23
PSTAT+4331	proteomics_stat	2598893	2598919	+	2	3	K.IEHVFDDFK.T	13
PSTAT+4332	proteomics_stat	2598920	2598958	+	2	11	K.TSNHHDVVLNWLK.E	17
PSTAT+4333	proteomics_stat	2614299	2614361	+	3	3	R.GSAPLINDPLLTQYINSLGMR.L	25
PSTAT+4334	proteomics_stat	2614446	2614547	+	3	2	F.GGNVVLHLSALFRYSDNESQLASVMAHEISHVTQR.H	38
PSTAT+4335	proteomics_stat	2614482	2614547	+	3	3	R.YSDNESQLASVMAHEISHVTQR.H	26
PSTAT+4336	proteomics_stat	2614818	2614871	+	3	7	R.YSSRPPEILLTHPLPESR.L	22
PSTAT+4337	proteomics_stat	2614983	2615021	+	3	3	R.NQLTSDLLDEWAK.G	17
PSTAT+4338	proteomics_stat	2615061	2615102	+	3	2	R.ALQAMEANKYDEAR.K	18
PSTAT+4339	proteomics_stat	2615319	2615393	+	3	2	R.YTFNKKDDSNQWDLAQAEALNNR.D	29
PSTAT+4340	proteomics_stat	2615442	2615489	+	3	2	R.LDQAISLLSASSQVK.L	20
PSTAT+4341	proteomics_stat	2615651	2615737	+	2	3	R.ETLNLLKENGVEPEVLYLETPADAATLR.D	33
PSTAT+4342	proteomics_stat	2615672	2615737	+	2	2	K.ENQVEPEVLYLETPADAATLR.D	26
PSTAT+4343	proteomics_stat	2615807	2615875	+	2	5	K.ELNLADSSLSEEALIQAMVDNPK.L	27
PSTAT+4344	proteomics_stat	2615876	2615911	+	2	7	K.LMERPIVVANGK.A	16
PSTAT+4345	proteomics_stat	2619222	2619248	+	3	5	V.TDKTSLSYK.D	13
PSTAT+4346	proteomics_stat	2619222	2619293	+	3	2	V.TDKTSLSYKDAGVDIDAGNALVGR.I	28
PSTAT+4347	proteomics_stat	2619249	2619293	+	3	23	K.DAGVDIDAGNALVGR.I	19
PSTAT+4348	proteomics_stat	2619321	2619380	+	3	9	R.RPEVMGGLGGFGALCALPQK.Y	24
PSTAT+4349	proteomics_stat	2619381	2619428	+	3	14	K.YREPVLVSGTDGVTGK.L	20
PSTAT+4350	proteomics_stat	2619741	2619812	+	3	6	K.VSDGDVLIAGSSGPHSNGYSLVR.K	28
PSTAT+4351	proteomics_stat	2619762	2619812	+	3	2	L.IALGSSGPHSNGYSLVR.K	21
PSTAT+4352	proteomics_stat	2619813	2619899	+	3	5	R.KILEVSGCDPQTTELDGKPLADHLLAPTR.I	33
PSTAT+4353	proteomics_stat	2619912	2619935	+	3	4	K.SVLELIEK.V	12
PSTAT+4354	proteomics_stat	2619936	2619995	+	3	14	K.VDVHAIHLLTGGGFWENIPR.V	24
PSTAT+4355	proteomics_stat	2620107	2620163	+	3	4	R.TFNCVGMIIALPAPEVDK.A	23
PSTAT+4356	proteomics_stat	2620164	2620205	+	3	4	K.ALALLNANGENAWK.I	18
PSTAT+4357	proteomics_stat	2620526	2620564	+	2	2	R.ILSPAIFVSHYAGR.L	17
PSTAT+4358	proteomics_stat	2620565	2620597	+	2	6	R.LLNIHPSLLPK.Y	15
PSTAT+4359	proteomics_stat	2620715	2620759	+	2	3	K.VPVFAGDSEDDITAR.V	19
PSTAT+4360	proteomics_stat	2620760	2620819	+	2	3	R.VQTQEHAHYPLVISWFADGR.L	24

PSTAT+4361	proteomics_stat	2621126	2621170	+	2	5	R.VLQEAADKSNPLIER.M	19
PSTAT+4362	proteomics_stat	2621126	2621149	+	2	2	R.VLQEAADK.S	12
PSTAT+4363	proteomics_stat	2621177	2621218	+	2	3	R.FLGIYSNNLDEFYK.V	18
PSTAT+4364	proteomics_stat	2621570	2621608	+	2	2	R.YALLEIPSDKVPR.F	17
PSTAT+4365	proteomics_stat	2621642	2621677	+	2	4	R.RKPMILLDNILR.Y	16
PSTAT+4366	proteomics_stat	2621645	2621677	+	2	3	R.KPMILLDNILR.Y	15
PSTAT+4367	proteomics_stat	2621945	2621989	+	2	7	R.YHNFKDFINFPNVGK.A	19
PSTAT+4368	proteomics_stat	2621990	2622019	+	2	4	K.ANLVKNKPLPR.L	14
PSTAT+4369	proteomics_stat	2622419	2622454	+	2	7	R.YAHIGTGNFNEK.T	16
PSTAT+4370	proteomics_stat	2622626	2622673	+	2	2	R.EIANAQQGLPSGITLK.L	20
PSTAT+4371	proteomics_stat	2622710	2622757	+	2	2	R.LYAASSSGVPVNULLVR.G	20
PSTAT+4372	proteomics_stat	2622848	2622880	+	2	2	R.VYIFENGDDKK.V	15
PSTAT+4373	proteomics_stat	2622974	2623015	+	2	4	R.VLDIIDILFSDTVK.A	18
PSTAT+4374	proteomics_stat	2623022	2623048	+	2	2	R.YIDKELSNR.Y	13
PSTAT+4375	proteomics_stat	2623362	2623415	+	3	5	R.LQGFSPASVCIVGTHTLR.Q	22
PSTAT+4376	proteomics_stat	2623458	2623505	+	3	2	K.VIPYPIEIIISGNEEAR.L	20
PSTAT+4377	proteomics_stat	2624088	2624138	+	3	4	R.TASSLANQYHIDSEQAR.R	21
PSTAT+4378	proteomics_stat	2624196	2624228	+	3	3	K.LAHPQLEALLR.W	15
PSTAT+4379	proteomics_stat	2624286	2624366	+	3	4	R.HSAYILQNSDLPGFNQEQQLMMATLVR.Y	31
PSTAT+4380	proteomics_stat	2632461	2632502	+	3	2	R.VTFRPQHGGQVLVR.A	18
PSTAT+4381	proteomics_stat	2632737	2632814	+	3	3	K.RRDPSLPVIIYPAAVQGDDAPGQIVR.A	30
PSTAT+4382	proteomics_stat	2632743	2632814	+	3	3	R.DPSLPVIIYPAAVQGDDAPGQIVR.A	28
PSTAT+4383	proteomics_stat	2633295	2633321	+	3	2	R.LNQNPQPK.I	13
PSTAT+4384	proteomics_stat	2633409	2633465	+	3	5	R.FGNAVTHLEAVSPLSTLAR.G	23
PSTAT+4385	proteomics_stat	2650519	2650596	+	1	15	M.STTWVFGADWLAEHIDDPEIQIIDAR.M	30
PSTAT+4386	proteomics_stat	2650756	2650779	+	1	3	R.ELGVNQDK.H	12
PSTAT+4387	proteomics_stat	2650780	2650824	+	1	14	K.HLIVYDEGNLFSAPR.A	19
PSTAT+4388	proteomics_stat	2650861	2650899	+	1	2	K.VSILGGGLAGWQR.D	17
PSTAT+4389	proteomics_stat	2650900	2650983	+	1	84	R.DDLLLEEGAVELPEGEFNAAFNPEAVVK.V	32
PSTAT+4390	proteomics_stat	2650984	2651052	+	1	7	K.VTDVLLASHENTAQIIDARPAAR.F	27
PSTAT+4391	proteomics_stat	2650984	2651040	+	1	6	K.VTDVLLASHENTAQIIDAR.P	23
PSTAT+4392	proteomics_stat	2651053	2651091	+	1	3	R.FNAEVDEPRPGLR.R	17
PSTAT+4393	proteomics_stat	2651092	2651142	+	1	2	R.RGHIPGALNVPWTELVR.E	21
PSTAT+4394	proteomics_stat	2651095	2651142	+	1	15	R.GHIPGALNVPWTELVR.E	20
PSTAT+4395	proteomics_stat	2651158	2651193	+	1	2	K.TTDELDAIFFGR.G	16
PSTAT+4396	proteomics_stat	2651332	2651358	+	1	2	R.ADLPVEPVK.-	13
PSTAT+4397	proteomics_stat	2661527	2661565	+	2	4	K.NYETPDAVEASQK.G	17
PSTAT+4398	proteomics_stat	2661566	2661598	+	2	4	K.GSNDFVTNVDK.A	15
PSTAT+4399	proteomics_stat	2661566	2661631	+	2	2	K.GSNDFVTNVDKAAEAVIIDTIR.K	26
PSTAT+4400	proteomics_stat	2661788	2661850	+	2	2	K.GRTEVAVVYDPMRNELEFTATR.G	25
PSTAT+4401	proteomics_stat	2661851	2661880	+	2	4	R.GQGAQLNGYR.L	14
PSTAT+4402	proteomics_stat	2661902	2661943	+	2	4	R.DLDGTILATGFPFK.A	18
PSTAT+4403	proteomics_stat	2662016	2662060	+	2	2	R.TGSAALDLAYVAAGR.V	19
PSTAT+4404	proteomics_stat	2662127	2662207	+	2	5	R.EAGGIVSDFTGGHNYMLTGNIVAGNPR.V	31
PSTAT+4405	proteomics_stat	2662217	2662264	+	2	5	K.AMLANMRDELSDALKR.-	20
PSTAT+4406	proteomics_stat	2664213	2664275	+	3	2	R.FYDEQGLCDQLYTHLAQALNR.S	25

PSTAT+4407	proteomics_stat	2664276	2664326	+	3	3	R.SLFAIGIDNTLPEEFAR.L	21
PSTAT+4408	proteomics_stat	2683950	2683976	+	3	2	R.MFTHNPELK.E	13
PSTAT+4409	proteomics_stat	2684019	2684096	+	3	7	R.EALFNIAIAYASNIENLPALLPAVEK.I	30
PSTAT+4410	proteomics_stat	2684526	2684588	+	3	5	R.EEGGQVSNWLHNHANVGDVVK.L	25
PSTAT+4411	proteomics_stat	2684589	2684705	+	3	2	K.LVAPAGDFFMAVADDTPTVLISAGVGQTPMLAMLDTLAK.A	43
PSTAT+4412	proteomics_stat	2696982	2697050	+	3	2	K.LALSEALASQPESPSVPIHNQIR.G	27
PSTAT+4413	proteomics_stat	2708520	2708555	+	3	2	R.LADQHQVIVLSK.G	16
PSTAT+4414	proteomics_stat	2708682	2708714	+	3	4	R.HAVEFVASNAR.S	15
PSTAT+4415	proteomics_stat	2708829	2708855	+	3	2	I.LHAADATGR.E	13
PSTAT+4416	proteomics_stat	2709144	2709203	+	3	5	R.VANLEFNQFHPTALYHPQAR.N	24
PSTAT+4417	proteomics_stat	2710984	2711043	+	1	5	K.GFTRPTAIQAAAIPPALDGR.D	24
PSTAT+4418	proteomics_stat	2711044	2711079	+	1	6	R.DVLGSAPTGTGK.T	16
PSTAT+4419	proteomics_stat	2711080	2711130	+	1	10	K.TAAYLLPALQHLLDFPR.K	21
PSTAT+4420	proteomics_stat	2711176	2711208	+	1	2	R.ELAMQVSDHAR.E	15
PSTAT+4421	proteomics_stat	2711401	2711454	+	1	3	R.MLDMGFAQDIEHIAGETR.W	22
PSTAT+4422	proteomics_stat	2711524	2711568	+	1	4	R.LLEDPVEVSANPSTR.E	19
PSTAT+4423	proteomics_stat	2711623	2711649	+	1	2	K.TALLVHLLK.Q	13
PSTAT+4424	proteomics_stat	2711698	2711724	+	1	2	R.VHELANWLR.E	13
PSTAT+4425	proteomics_stat	2711848	2711898	+	1	3	R.GIDIPDVSHVFNFMPR.S	21
PSTAT+4426	proteomics_stat	2711899	2711922	+	1	2	R.SGDTYLHR.I	12
PSTAT+4427	proteomics_stat	2711950	2712003	+	1	3	R.KGTAISLVEAHDHLLLGK.V	22
PSTAT+4428	proteomics_stat	2711953	2712003	+	1	3	K.GTAISLVEAHDHLLLGK.V	21
PSTAT+4429	proteomics_stat	2714821	2714868	+	1	2	K.QQPYFLNTLQTVASER.Q	20
PSTAT+4430	proteomics_stat	2716961	2716999	+	2	4	R.NFAPIFEDVAQER.S	17
PSTAT+4431	proteomics_stat	2718074	2718130	+	2	2	R.NLLAGGFNGPVLVPTPAWK.A	23
PSTAT+4432	proteomics_stat	2718332	2718412	+	2	4	M.RLLGPNSLGLLAPWQGLNASFSVPVIK.R	31
PSTAT+4433	proteomics_stat	2718335	2718412	+	2	2	R.LLGPNSLGLLAPWQGLNASFSVPVIK.R	30
PSTAT+4434	proteomics_stat	2718704	2718757	+	2	3	R.LLNTTAGMDPAWDAAIQR.A	22
PSTAT+4435	proteomics_stat	2718845	2718907	+	2	4	R.LMIISNGAAPAALDALWSR.N	25
PSTAT+4436	proteomics_stat	2719256	2719303	+	2	4	R.TPEGTITAFMHMVEYR.R	20
PSTAT+4437	proteomics_stat	2720087	2720137	+	2	5	R.LAVRYPHQLEEWVELK.N	21
PSTAT+4438	proteomics_stat	2720806	2720859	+	1	3	K.ISQSVDDVDFFYAPADFR.E	22
PSTAT+4439	proteomics_stat	2721082	2721141	+	1	2	R.MAQENPGVDVPVYGVPIINTR.E	24
PSTAT+4440	proteomics_stat	2721142	2721168	+	1	4	R.EALGVLHFK.G	13
PSTAT+4441	proteomics_stat	2721280	2721333	+	1	2	R.KMSDIMFEWVTQIMNGR.G	22
PSTAT+4442	proteomics_stat	2721283	2721333	+	1	3	K.MSDIMFEWVTQIMNGR.G	21
PSTAT+4443	proteomics_stat	2721751	2721789	+	1	2	R.LQYVVNTDQLVVR.L	17
PSTAT+4444	proteomics_stat	2721892	2721951	+	1	5	R.LDLENAILIHDPQLELAPQR.E	24
PSTAT+4445	proteomics_stat	2722006	2722038	+	1	3	R.DLQSIADYPVK.V	15
PSTAT+4446	proteomics_stat	2734459	2734503	+	1	7	R.LNPTHNPIDYVMMYR.G	19
PSTAT+4447	proteomics_stat	2734504	2734563	+	1	7	R.GLTNMALDDSDALQGFFGVDR.S	24
PSTAT+4448	proteomics_stat	2734624	2734662	+	1	2	R.GYPNSQYTTDATK.R	17
PSTAT+4449	proteomics_stat	2734777	2734803	+	1	2	R.DYPDQTQATR.D	13
PSTAT+4450	proteomics_stat	2735179	2735199	+	1	2	M.TMNITSK.Q	11
PSTAT+4451	proteomics_stat	2735254	2735304	+	1	3	K.LEKWQTHLINPHIILSK.E	21
PSTAT+4452	proteomics_stat	2735263	2735304	+	1	22	K.WQTHLINPHIILSK.E	18

PSTAT+4453	proteomics_stat	2735263	2735289	+	1	5	K.WQTHLINPH.I	13
PSTAT+4454	proteomics_stat	2735290	2735373	+	1	2	H.IILSKEPQGFVADATINTPNGVLVASGK.H	32
PSTAT+4455	proteomics_stat	2735305	2735373	+	1	13	K.EPQGFVADATINTPNGVLVASGK.H	27
PSTAT+4456	proteomics_stat	2735305	2735424	+	1	4	K.EPQGFVADATINTPNGVLVASGKHEDMYTAINELINKLER.Q	44
PSTAT+4457	proteomics_stat	2735320	2735373	+	1	2	F.VADATINTPNGVLVASGK.H	22
PSTAT+4458	proteomics_stat	2735326	2735373	+	1	3	A.DATINTPNGVLVASGK.H	20
PSTAT+4459	proteomics_stat	2735350	2735424	+	1	6	N.GVLVASGKHEDMYTAINELINKLER.Q	29
PSTAT+4460	proteomics_stat	2735359	2735415	+	1	5	L.VASGKHEDMYTAINELINK.L	23
PSTAT+4461	proteomics_stat	2735362	2735415	+	1	9	V.ASGKHEDMYTAINELINK.L	22
PSTAT+4462	proteomics_stat	2735365	2735415	+	1	6	A.SGKHEDMYTAINELINK.L	21
PSTAT+4463	proteomics_stat	2735374	2735415	+	1	28	K.HEDMYTAINELINK.L	18
PSTAT+4464	proteomics_stat	2735374	2735424	+	1	65	K.HEDMYTAINELINKLER.Q	21
PSTAT+4465	proteomics_stat	2735377	2735424	+	1	2	H.EDMYTAINELINKLER.Q	20
PSTAT+4466	proteomics_stat	2735380	2735424	+	1	2	E.DMYTAINELINKLER.Q	19
PSTAT+4467	proteomics_stat	2735482	2735514	+	1	2	K.DANFVEEVEEE.-	15
PSTAT+4468	proteomics_stat	2735992	2736060	+	1	9	R.LFQLIIEDSVLTQQALLQQHLNK.I	27
PSTAT+4469	proteomics_stat	2736145	2736180	+	1	10	R.HFEQFIESGCAK.F	16
PSTAT+4470	proteomics_stat	2736448	2736486	+	1	2	K.IEYTESTSAAMEK.V	17
PSTAT+4471	proteomics_stat	2736502	2736570	+	1	7	K.SPHVAALGSEAGGTLYGLQVLER.I	27
PSTAT+4472	proteomics_stat	2736622	2736657	+	1	3	R.KAINVSDQVPAK.T	16
PSTAT+4473	proteomics_stat	2746461	2746505	+	3	2	K.LAFNQEMPPLMSIER.K	19
PSTAT+4474	proteomics_stat	2747922	2748014	+	3	3	R.LMASFLRHWRKRSLSQAPACVLASTISIFSTY.R	35
PSTAT+4475	proteomics_stat	2751226	2751303	+	1	2	S.GSCRQTAASTRRINSGDVCYPPATSR.G	30
PSTAT+4476	proteomics_stat	2751702	2751761	+	3	3	R.VVYRPDINQGNLYTANDVSK.I	24
PSTAT+4477	proteomics_stat	2753095	2753175	+	1	6	R.DGEAFLFGANITPMAVASTHVCDPTR.T	31
PSTAT+4478	proteomics_stat	2753095	2753154	+	1	2	R.DGEAFLFGANITPMAVASTH.V	24
PSTAT+4479	proteomics_stat	2753137	2753175	+	1	2	M.AVASTHVCDPTR.T	17
PSTAT+4480	proteomics_stat	2788487	2788537	+	2	2	R.GGEIYNAEVSGLNEHK.N	21
PSTAT+4481	proteomics_stat	2788688	2788777	+	2	5	R.LAPEHNQIVNHLIYPIPDAMPFLGVHLTR.M	34
PSTAT+4482	proteomics_stat	2789105	2789179	+	2	2	R.TIHTCNAPSPAATSAIPIGAHIVSK.V	29
PSTAT+4483	proteomics_stat	2789295	2789324	+	3	5	A.MKLNDSNLFR.Q	14
PSTAT+4484	proteomics_stat	2789325	2789408	+	3	4	R.QQALINGEWLANNGEAIDVTNPANGDK.L	32
PSTAT+4485	proteomics_stat	2789526	2789570	+	3	7	R.NWFNLMMEHQDDLAR.L	19
PSTAT+4486	proteomics_stat	2789571	2789612	+	3	2	R.LMTLEQGKPLAEAK.G	18
PSTAT+4487	proteomics_stat	2789613	2789669	+	3	4	K.GEISYAASFIEWFAEEGKR.I	23
PSTAT+4488	proteomics_stat	2789670	2789711	+	3	6	R.IYGDTIPGHQADKR.L	18
PSTAT+4489	proteomics_stat	2789670	2789708	+	3	3	R.IYGDTIPGHQADK.R	17
PSTAT+4490	proteomics_stat	2789673	2789711	+	3	4	I.YGDTIPGHQADKR.L	17
PSTAT+4491	proteomics_stat	2789712	2789789	+	3	2	R.LIVIKQPIGVTAAITPWNFPAAMITR.K	30
PSTAT+4492	proteomics_stat	2789727	2789789	+	3	6	K.QPIGVTAAITPWNFPAAMITR.K	25
PSTAT+4493	proteomics_stat	2789793	2789888	+	3	16	K.AGPALAAAGCTMVLKPASQTPFSALALAE LAIR.A	36
PSTAT+4494	proteomics_stat	2789889	2789975	+	3	9	R.AGVPAGVFNVTGSAGAVGNELTSNPLVR.K	33
PSTAT+4495	proteomics_stat	2789976	2790011	+	3	8	R.KLSFTGSTEIGR.Q	16
PSTAT+4496	proteomics_stat	2790045	2790137	+	3	3	K.KVSLELGGNAPFIVFDDADLDKAVEGALASK.F	35
PSTAT+4497	proteomics_stat	2790048	2790137	+	3	14	K.VSLELGGNAPFIVFDDADLDKAVEGALASK.F	34
PSTAT+4498	proteomics_stat	2790144	2790176	+	3	3	R.NAGQTCVCANR.L	15

PSTAT+4499	proteomics_stat	2790240	2790299	+	3	3	K.LHIGDGLDNGVTIGPLIDEK.A	24
PSTAT+4500	proteomics_stat	2790312	2790344	+	3	8	K.VEEHIADALEK.G	15
PSTAT+4501	proteomics_stat	2790384	2790437	+	3	4	R.GGNFFQPTILVDVPANAK.V	22
PSTAT+4502	proteomics_stat	2790438	2790482	+	3	15	K.VSKEETFGPLAPLFR.F	19
PSTAT+4503	proteomics_stat	2790483	2790557	+	3	41	R.FKDEADVIAQANDTEFLAAYFYAR.D	29
PSTAT+4504	proteomics_stat	2790579	2790662	+	3	15	R.VGEALEYGIVGINTGIISNEVAPFGGIK.A	32
PSTAT+4505	proteomics_stat	2790808	2790843	+	1	6	R.GVGQIHPIFADR.A	16
PSTAT+4506	proteomics_stat	2790880	2790939	+	1	11	R.EYLDFAAGIAVLNTGHLHPK.V	24
PSTAT+4507	proteomics_stat	2790973	2791044	+	1	2	K.LSHTCFQVLAYEPYLELCEIMNQK.V	28
PSTAT+4508	proteomics_stat	2791066	2791116	+	1	13	K.KTLLVTTGSEAVENAVK.I	21
PSTAT+4509	proteomics_stat	2791069	2791116	+	1	4	K.TLLVTTGSEAVENAVK.I	20
PSTAT+4510	proteomics_stat	2791141	2791179	+	1	7	R.SGTIAFSGAYHGR.T	17
PSTAT+4511	proteomics_stat	2791210	2791260	+	1	5	K.VNPYSAGMGLMPGHVYR.A	21
PSTAT+4512	proteomics_stat	2791261	2791323	+	1	10	R.ALYPCPLHGISEDDAIASIHR.I	25
PSTAT+4513	proteomics_stat	2791324	2791428	+	1	6	R.IFKNDAAPEDIAAIVIEPVQGEGGFYASSPAFMQR.L	39
PSTAT+4514	proteomics_stat	2791333	2791428	+	1	4	K.NDAAPEDIAAIVIEPVQGEGGFYASSPAFMQR.L	36
PSTAT+4515	proteomics_stat	2791435	2791497	+	1	9	R.ALCDEHGIMLIADEVQSGAGR.T	25
PSTAT+4516	proteomics_stat	2791561	2791602	+	1	4	K.SIAGGFPLAGVTGR.A	18
PSTAT+4517	proteomics_stat	2791603	2791695	+	1	5	R.AEVMDAVAPGGLGGTYAGNPIACVAALEVLK.V	35
PSTAT+4518	proteomics_stat	2791747	2791803	+	1	5	K.LKDGLLAIAEKHPEIGDVR.G	23
PSTAT+4519	proteomics_stat	2791747	2791779	+	1	3	K.LKDGLLAIAEK.H	15
PSTAT+4520	proteomics_stat	2791753	2791803	+	1	2	K.DGLLAIAEKHPEIGDVR.G	21
PSTAT+4521	proteomics_stat	2791753	2791779	+	1	2	K.DGLLAIAEK.H	13
PSTAT+4522	proteomics_stat	2791906	2791950	+	1	4	K.GLILLSCGPYYNVLR.I	19
PSTAT+4523	proteomics_stat	2791951	2791989	+	1	2	R.ILVPLTIEDAQIR.Q	17
PSTAT+4524	proteomics_stat	2791990	2792034	+	1	2	R.QGLEIISQCFDEAKQ.-	19
PSTAT+4525	proteomics_stat	2795749	2795835	+	1	2	R.TSNNADKLAIAAPAEIFLLEDGIDGWKK.A	33
PSTAT+4526	proteomics_stat	2798168	2798266	+	2	7	H.MFNRPNRNDVDDGVQDIQNDVNQLADSLESVLK.S	37
PSTAT+4527	proteomics_stat	2798189	2798266	+	2	22	R.NDVDDGVQDIQNDVNQLADSLESVLK.S	30
PSTAT+4528	proteomics_stat	2798198	2798266	+	2	2	V.DDGVQDIQNDVNQLADSLESVLK.S	27
PSTAT+4529	proteomics_stat	2798216	2798266	+	2	5	D.IQNDVNQLADSLESVLK.S	21
PSTAT+4530	proteomics_stat	2798267	2798308	+	2	2	K.SWGSDAKGEAEAR.S	18
PSTAT+4531	proteomics_stat	2798384	2798416	+	2	3	R.DAVGCADSFVR.E	15
PSTAT+4532	proteomics_stat	2806090	2806143	+	1	3	K.AHQQQFDGWVNEALAAQK.-	22
PSTAT+4533	proteomics_stat	2808792	2808830	+	3	3	Q.MDSSFTPIEQMLK.F	17
PSTAT+4534	proteomics_stat	2808846	2808884	+	3	12	R.HEDFPYQEILLTR.L	17
PSTAT+4535	proteomics_stat	2808939	2809046	+	3	5	K.AQGINETLFMALITLESQENHSIQPSELSALGSSR.T	40
PSTAT+4536	proteomics_stat	2809062	2809085	+	3	8	R.IADELEKR.G	12
PSTAT+4537	proteomics_stat	2809125	2809151	+	3	5	R.CLHLQLTEK.G	13
PSTAT+4538	proteomics_stat	2809170	2809259	+	3	11	R.EVLPPQHNCLHQLWSALSTTEKDQLEQITR.K	34
PSTAT+4539	proteomics_stat	2809170	2809235	+	3	2	R.EVLPPQHNCLHQLWSALSTTEK.D	26
PSTAT+4540	proteomics_stat	2809200	2809259	+	3	2	L.HQLWSALSTTEKDQLEQITR.K	24
PSTAT+4541	proteomics_stat	2809452	2809496	+	3	5	M.SANAETQTPQPVKK.S	19
PSTAT+4542	proteomics_stat	2809701	2809742	+	3	2	K.EGDVLVTLDPDAR.Q	18
PSTAT+4543	proteomics_stat	2809941	2810024	+	3	4	R.DAVTSAQAQLDVAIQQYNANQAMILGTK.L	32
PSTAT+4544	proteomics_stat	2810025	2810069	+	3	6	K.LEDQPAVQQAATEVR.N	19

PSTAT+4545	proteomics_stat	2810136	2810225	+	3	2	R.AVQPGAQISPTTPLMAVVPATNMWVDANFK.E	34
PSTAT+4546	proteomics_stat	2810250	2810300	+	3	2	R.IGQPVTITTDIYGDDVK.Y	21
PSTAT+4547	proteomics_stat	2810313	2810390	+	3	3	K.VVGLDMGTGSAFSLPAQNATGNWIK.V	30
PSTAT+4548	proteomics_stat	2810499	2810522	+	3	5	R.DGQVLANK.V	12
PSTAT+4549	proteomics_stat	2810529	2810558	+	3	2	R.STPVAVSTAR.E	14
PSTAT+4550	proteomics_stat	2814042	2814077	+	3	9	R.AVAIFQPFTIQR.F	16
PSTAT+4551	proteomics_stat	2827708	2827785	+	1	4	R.KSPNVVCSLESVDKLITDAGIDPAFR.Q	30
PSTAT+4552	proteomics_stat	2828180	2828239	+	2	3	K.SIALLAMTGKPTSPLGLAAK.A	24
PSTAT+4553	proteomics_stat	2903205	2903279	+	3	2	P.MTASKSLLAAPHLSLSLVFARMLK.R	29
PSTAT+4554	proteomics_stat	2914948	2915001	+	1	2	K.LKQDGIGACLLKPLTPTR.L	22
PSTAT+4555	proteomics_stat	2923373	2923420	+	2	5	M.SSYANHQALAGLTLGK.S	20
PSTAT+4556	proteomics_stat	2923721	2923747	+	2	4	R.DLSTCAQGK.I	13
PSTAT+4557	proteomics_stat	2924750	2924833	+	2	3	R.ALHVGEAPNMVVCWGGHSINENEYLYAR.R	32
PSTAT+4558	proteomics_stat	2925119	2925163	+	2	2	E.ELLYLLGILMNPANK.D	19
PSTAT+4559	proteomics_stat	2925221	2925265	+	2	8	R.VLDEFVHTLGENAR.R	19
PSTAT+4560	proteomics_stat	2925500	2925532	+	2	2	R.AFSGIVAGNVK.E	15
PSTAT+4561	proteomics_stat	2925575	2925601	+	2	4	K.INGDKEIMR.R	13
PSTAT+4562	proteomics_stat	2925602	2925643	+	2	4	R.RMDDLQGFVAQHR.M	18
PSTAT+4563	proteomics_stat	2925605	2925643	+	2	2	R.MDDLQGFVAQHR.M	17
PSTAT+4564	proteomics_stat	2929416	2929460	+	3	2	K.VTQAGHQATIVSTDK.G	19
PSTAT+4565	proteomics_stat	2933921	2933998	+	2	2	K.AIWGFNGTERPGAVYLAAALAAHSQK.G	30
PSTAT+4566	proteomics_stat	2934323	2934358	+	2	2	R.YGEDENNKQYQR.N	16
PSTAT+4567	proteomics_stat	2934740	2934814	+	2	2	K.LDGLAEHGIIHLINSGSAALDGSK.Q	29
PSTAT+4568	proteomics_stat	2936955	2937041	+	3	2	K.VLAEMGHGDEIIFSDAHFPAHSMGPQVIR.A	33
PSTAT+4569	proteomics_stat	2942567	2942626	+	2	3	M.TNPQFAGHPFGTTVAETLR.N	24
PSTAT+4570	proteomics_stat	2942627	2942668	+	2	3	R.NTFAPLTQWEDKYR.Q	18
PSTAT+4571	proteomics_stat	2942870	2942929	+	2	4	K.TAAELQAQSPLALFDELGLR.A	24
PSTAT+4572	proteomics_stat	2942951	2942998	+	2	2	R.SQGLNALSEAIIAATK.Q	20
PSTAT+4573	proteomics_stat	2944700	2944741	+	2	2	S.ENIFITQCPRVDLR.T	18
PSTAT+4574	proteomics_stat	2947279	2947305	+	1	3	R.KTELVEGFR.H	13
PSTAT+4575	proteomics_stat	2947963	2948010	+	1	2	R.VEAQEEKGDYNSGTVR.F	20
PSTAT+4576	proteomics_stat	2948164	2948235	+	1	4	R.ATINDIGGILELIRPLEQQGILVR.R	28
PSTAT+4577	proteomics_stat	2948239	2948289	+	1	3	R.SREQLEMEIDKFTIQR.D	21
PSTAT+4578	proteomics_stat	2948341	2948382	+	1	2	K.IGEMACVAVHPDYR.S	18
PSTAT+4579	proteomics_stat	2952302	2952352	+	2	2	I.SSNVKASRTWAASWRLR.T	21
PSTAT+4580	proteomics_stat	2960179	2960268	+	1	6	L.MLCLLKALSLGISGNTRTNISQIKLAGSGK.S	34
PSTAT+4581	proteomics_stat	2969482	2969508	+	1	2	R.DDVSQIIER.-	13
PSTAT+4582	proteomics_stat	2969856	2969879	+	3	3	R.EKLIASK.V	12
PSTAT+4583	proteomics_stat	2969910	2969939	+	3	5	K.GIRPDQALDR.K	14
PSTAT+4584	proteomics_stat	2969979	2970047	+	3	4	R.LQTDYLDLYQVHWPQRPTNCFGK.L	27
PSTAT+4585	proteomics_stat	2970048	2970125	+	3	8	K.LGYSWTD SAPAVSLDLDLALAEYQR.A	30
PSTAT+4586	proteomics_stat	2970141	2970182	+	3	3	R.YIGVSNETA FGVMR.Y	18
PSTAT+4587	proteomics_stat	2970183	2970218	+	3	3	R.YLHLADKHDLP.R.I	16
PSTAT+4588	proteomics_stat	2970219	2970257	+	3	3	R.IVTIQNPYSLLNR.S	17
PSTAT+4589	proteomics_stat	2970351	2970383	+	3	4	K.YLNGAKPAGAR.N	15
PSTAT+4590	proteomics_stat	2970468	2970509	+	3	11	R.HGLDPAQMALAFVR.R	18

PSTAT+4591	proteomics_stat	2970510	2970566	+	3	4	R.RQPFVASTLLGATTMDQLK.T	23
PSTAT+4592	proteomics_stat	2977974	2978024	+	3	2	Q.HKSDSILGMDRRGIKHR.Q	21
PSTAT+4593	proteomics_stat	3010299	3010367	+	3	6	K.VEAAASFARSRAGREALITVLSK.A	27
PSTAT+4594	proteomics_stat	3016819	3016845	+	1	6	A.RTAPTSPLR.S	13
PSTAT+4595	proteomics_stat	3020101	3020178	+	1	2	H.RLTAVCSARKCVTSAIVLLRSSQKVK.K	30
PSTAT+4596	proteomics_stat	3031402	3031458	+	1	2	R.ATDPSGIVENEVCPVFAAR.T	23
PSTAT+4597	proteomics_stat	3031919	3031978	+	2	2	K.AVTDFTTTNEELKAVCDFRV.N	24
PSTAT+4598	proteomics_stat	3037937	3037999	+	2	6	K.IRDIIPELVTLHNLKDDSPK.L	25
PSTAT+4599	proteomics_stat	3037937	3037984	+	2	6	K.IRDIIPELVTLHNLK.D	20
PSTAT+4600	proteomics_stat	3038345	3038395	+	2	2	R.IQSWCEQILNEMAEHYA.-	21
PSTAT+4601	proteomics_stat	3039383	3039451	+	2	65	R.LPLTLMTLDWALATITGADSEK.Y	27
PSTAT+4602	proteomics_stat	3039452	3039532	+	2	2	K.YMQGQVTADV SQMAEDQHLLAAHCDAK.G	31
PSTAT+4603	proteomics_stat	3039566	3039595	+	2	2	R.DGDGF AWIER.R	14
PSTAT+4604	proteomics_stat	3039635	3039652	+	2	2	K.YAVFSK.V	10
PSTAT+4605	proteomics_stat	3039653	3039679	+	2	3	K.VTIAPDDER.V	13
PSTAT+4606	proteomics_stat	3039680	3039712	+	2	2	R.VLLGVAGFQAR.A	15
PSTAT+4607	proteomics_stat	3039713	3039757	+	2	4	R.AALANLFSSELP SKEK.Q	19
PSTAT+4608	proteomics_stat	3039713	3039751	+	2	4	R.AALANLFSSELP SK.E	17
PSTAT+4609	proteomics_stat	3039770	3039814	+	2	5	K.EGATLLWFEPHAER.F	19
PSTAT+4610	proteomics_stat	3039815	3039862	+	2	9	R.FLIVTDEATANMLTDK.L	20
PSTAT+4611	proteomics_stat	3040010	3040045	+	2	4	K.KGCTYTGQEMVAR.A	16
PSTAT+4612	proteomics_stat	3040013	3040045	+	2	3	K.GCYTGQEMVAR.A	15
PSTAT+4613	proteomics_stat	3040106	3040138	+	2	4	R.LPEAGEDLELK.M	15
PSTAT+4614	proteomics_stat	3040187	3040255	+	2	4	K.LEDGQVVVQVMNNDMEPDSIFR.V	27
PSTAT+4615	proteomics_stat	3040262	3040312	+	2	3	R.DDANTLHIEPLPYSLEE.-	21
PSTAT+4616	proteomics_stat	3041714	3041770	+	2	3	K.DFLWGGAVAAHQVEGGWNK.G	23
PSTAT+4617	proteomics_stat	3041780	3041830	+	2	6	K.GPSICDVLTTGGAHGVPR.E	21
PSTAT+4618	proteomics_stat	3041861	3041917	+	2	3	K.YYPNHEAVDFYGHYKEDIK.L	23
PSTAT+4619	proteomics_stat	3042053	3042136	+	2	5	K.YNIIEPVITLSHFEMPLHLVQQYGSWTNR.K	32
PSTAT+4620	proteomics_stat	3042197	3042238	+	2	2	K.VKYWMTFNEINNQR.N	18
PSTAT+4621	proteomics_stat	3042398	3042478	+	2	2	V.GCMLAMVPLYPSCNPDDVMFAQESMR.E	31
PSTAT+4622	proteomics_stat	3042512	3042550	+	2	3	R.GYYP SYVLNEWER.R	17
PSTAT+4623	proteomics_stat	3042719	3042760	+	2	3	K.ASDWGWQIDPVGLR.Y	18
PSTAT+4624	proteomics_stat	3042890	3042913	+	2	2	R.AHIEEMKK.A	12
PSTAT+4625	proteomics_stat	3043007	3043060	+	2	3	R.YGFIYVKNHDDGTGDM SR.S	22
PSTAT+4626	proteomics_stat	3043091	3043117	+	2	2	K.EVIASNGEK.L	13
PSTAT+4627	proteomics_stat	3053706	3053744	+	3	8	R.DALNQAADDLNR.L	17
PSTAT+4628	proteomics_stat	3053847	3053879	+	3	3	K.TRDYAASMEQR.I	15
PSTAT+4629	proteomics_stat	3053853	3053879	+	3	5	R.DYAASMEQR.I	13
PSTAT+4630	proteomics_stat	3053886	3053930	+	3	4	R.MLQQTIEQALLEQGR.I	19
PSTAT+4631	proteomics_stat	3057889	3057933	+	1	3	R.IKQLENMFGQPLLVR.T	19
PSTAT+4632	proteomics_stat	3057934	3057969	+	1	3	R.TVPPRPTEQGQK.L	16
PSTAT+4633	proteomics_stat	3058183	3058248	+	1	4	R.RGEVVGAVSIQH QALPSCLVDK.L	26
PSTAT+4634	proteomics_stat	3058249	3058299	+	1	2	K.LGALDYLFVSSKPFAEK.Y	21
PSTAT+4635	proteomics_stat	3058615	3058650	+	1	7	R.KVTDALLDYGHK.V	16
PSTAT+4636	proteomics_stat	3068261	3068308	+	2	3	H.AAIRADRSISCSADLR.L	20

PSTAT+4637	proteomics_stat	3078992	3079090	+	2	2	R.CRVMTVDVANNVPAVSFETHCGVVGEPAFNVTI.D	37
PSTAT+4638	proteomics_stat	3080073	3080111	+	3	4	K.TLSDQACQEMDSK.A	17
PSTAT+4639	proteomics_stat	3080265	3080357	+	3	5	R.VYSGLMDDMTDNEVEAVIGHMGHVALGHVK.K	35
PSTAT+4640	proteomics_stat	3080469	3080495	+	3	2	K.LVNSQFSQR.Q	13
PSTAT+4641	proteomics_stat	3084731	3084781	+	2	3	M.AKHLFTSESVSEGHDPK.I	21
PSTAT+4642	proteomics_stat	3084737	3084781	+	2	12	K.HLFTSESVSEGHDPK.I	19
PSTAT+4643	proteomics_stat	3084737	3084838	+	2	39	K.HLFTSESVSEGHDPKIADQISDAVLDAILEQDPK.A	38
PSTAT+4644	proteomics_stat	3084782	3084838	+	2	7	K.IADQISDAVLDAILEQDPK.A	23
PSTAT+4645	proteomics_stat	3084782	3084832	+	2	2	K.IADQISDAVLDAILEQD.P	21
PSTAT+4646	proteomics_stat	3084950	3085021	+	2	48	R.EIGYVHSDMGFDANSCAVLSAIGK.Q	28
PSTAT+4647	proteomics_stat	3085022	3085054	+	2	2	K.QSPDINQGVDR.A	15
PSTAT+4648	proteomics_stat	3085055	3085159	+	2	7	R.ADPLEQGAGDQGLMFGYATNETDVLMPAPITYAHR.L	39
PSTAT+4649	proteomics_stat	3085187	3085225	+	2	6	R.KNGTLPWLRPDAK.S	17
PSTAT+4650	proteomics_stat	3085190	3085225	+	2	7	K.NGTLPWLRPDAK.S	16
PSTAT+4651	proteomics_stat	3085226	3085258	+	2	2	K.SQVTFQYDDGK.I	15
PSTAT+4652	proteomics_stat	3085226	3085318	+	2	5	K.SQVTFQYDDGKIVGIDAVVLSTQHSEEIDQK.S	35
PSTAT+4653	proteomics_stat	3085259	3085318	+	2	9	K.IVGIDAVVLSTQHSEEIDQK.S	24
PSTAT+4654	proteomics_stat	3085319	3085393	+	2	54	K.SLQEAVMEEIIPILPAEWLTSATK.F	29
PSTAT+4655	proteomics_stat	3085394	3085417	+	2	3	K.FFINPTGR.F	12
PSTAT+4656	proteomics_stat	3085418	3085462	+	2	4	R.FVIGGPMGDCGLTGR.K	19
PSTAT+4657	proteomics_stat	3085463	3085498	+	2	5	R.KIIVDTYGGMAR.H	16
PSTAT+4658	proteomics_stat	3085466	3085498	+	2	3	K.IIVDTYGGMAR.H	15
PSTAT+4659	proteomics_stat	3085499	3085546	+	2	11	R.HGGGAFSGKDPSKVDR.S	20
PSTAT+4660	proteomics_stat	3085499	3085537	+	2	5	R.HGGGAFSGKDPSK.V	17
PSTAT+4661	proteomics_stat	3085580	3085609	+	2	7	K.NIVAAGLADR.C	14
PSTAT+4662	proteomics_stat	3085688	3085720	+	2	3	K.VPSEQLTLLVR.E	15
PSTAT+4663	proteomics_stat	3085787	3085816	+	2	9	K.ETAAYGHFGR.E	14
PSTAT+4664	proteomics_stat	3085838	3085861	+	2	3	K.TDKAQLLR.D	12
PSTAT+4665	proteomics_stat	3089171	3089245	+	2	2	R.IYHPEPLTSHSHIALCEDAANHIGR.V	29
PSTAT+4666	proteomics_stat	3089255	3089335	+	2	2	R.MGPGQALQLFDGSNQVFDAEITSASKK.S	31
PSTAT+4667	proteomics_stat	3089351	3089419	+	2	3	K.VLEGQIDDRESPLHIHLGQVMSR.G	27
PSTAT+4668	proteomics_stat	3089726	3089782	+	2	3	R.LLIGPEGGLSADEIAMTAR.Y	23
PSTAT+4669	proteomics_stat	3090212	3090259	+	2	2	R.AEEKGTLIVNKPQSLR.D	20
PSTAT+4670	proteomics_stat	3090224	3090259	+	2	3	K.GTLIVNKPQSLR.D	16
PSTAT+4671	proteomics_stat	3090275	3090325	+	2	9	K.LFTAWFSDLTPETLVTR.N	21
PSTAT+4672	proteomics_stat	3090359	3090415	+	2	11	K.HSDIILKPLDGMGGASIFR.V	23
PSTAT+4673	proteomics_stat	3090377	3090415	+	2	3	L.KPLDGMGGASIFR.V	17
PSTAT+4674	proteomics_stat	3090416	3090478	+	2	3	R.VKEGDPNLGVIAETLTHEGTR.Y	25
PSTAT+4675	proteomics_stat	3090479	3090514	+	2	3	R.YCMAQNYLPAIK.D	16
PSTAT+4676	proteomics_stat	3090530	3090574	+	2	2	R.VLVVDGEPVPYCLAR.I	19
PSTAT+4677	proteomics_stat	3090734	3090772	+	2	3	R.LTEINVTSPTCIR.E	17
PSTAT+4678	proteomics_stat	3090773	3090835	+	2	62	R.EIEAFPVSITGMLMDAIEAR.L	25
PSTAT+4679	proteomics_stat	3091022	3091099	+	2	3	R.SVYICEHNTNGAMGIIVNKPENLK.I	30
PSTAT+4680	proteomics_stat	3091160	3091204	+	2	3	R.LDKPVMGGPLAEDR.G	19
PSTAT+4681	proteomics_stat	3091205	3091252	+	2	5	R.GFILHTPPSNFASSIR.I	20
PSTAT+4682	proteomics_stat	3091286	3091363	+	2	3	R.DVLETLGTDKQPSDVLVALGYASWEK.G	30

PSTAT+4683	proteomics_stat	3091364	3091435	+	2	6	K.GQLEQEILDNAWLTAPADLNILFK.T	28
PSTAT+4684	proteomics_stat	3093120	3093155	+	3	6	K.MNDIAHNLAQVR.D	16
PSTAT+4685	proteomics_stat	3093156	3093182	+	3	8	R.DKISAAATR.C	13
PSTAT+4686	proteomics_stat	3093228	3093275	+	3	9	K.TKPASAIIEAIDAGQR.Q	20
PSTAT+4687	proteomics_stat	3093321	3093386	+	3	10	R.HFQELGVTGLEWHFIGPLQSNK.S	26
PSTAT+4688	proteomics_stat	3093393	3093434	+	3	5	R.LVAEHFDWCHTIDR.L	18
PSTAT+4689	proteomics_stat	3093531	3093590	+	3	17	K.SGIQLAELDELAABAVALPR.L	24
PSTAT+4690	proteomics_stat	3094880	3094963	+	2	3	K.VTALPAIADDSGLAVDVLGGAPGIYSAR.Y	32
PSTAT+4691	proteomics_stat	3095006	3095044	+	2	2	K.LLETMKDVPDDQR.Q	17
PSTAT+4692	proteomics_stat	3095081	3095140	+	2	2	R.HAEDPTPLVCHGSWPGVITR.E	24
PSTAT+4693	proteomics_stat	3095141	3095203	+	2	2	R.EPAGTGGFGYDPIFFVPSEGK.T	25
PSTAT+4694	proteomics_stat	3095469	3095543	+	3	2	K.TIFIGGGTSPSLLSGPAMQTLDDGVR.A	29
PSTAT+4695	proteomics_stat	3102124	3102150	+	1	3	R.TIFCTFLQR.E	13
PSTAT+4696	proteomics_stat	3102151	3102198	+	1	4	R.EAEGQDFQLYPGELGK.R	20
PSTAT+4697	proteomics_stat	3102202	3102222	+	1	2	R.IYNEISK.E	11
PSTAT+4698	proteomics_stat	3102274	3102303	+	1	3	K.KLNMMNAEHR.K	14
PSTAT+4699	proteomics_stat	3102277	3102303	+	1	2	K.LNMMNAEHR.K	13
PSTAT+4700	proteomics_stat	3102277	3102306	+	1	2	K.LNMMNAEHRK.L	14
PSTAT+4701	proteomics_stat	3102304	3102348	+	1	26	R.KLLEQEMVNFLFEGK.E	19
PSTAT+4702	proteomics_stat	3102307	3102348	+	1	36	K.LLEQEMVNFLFEGK.E	18
PSTAT+4703	proteomics_stat	3102349	3102387	+	1	9	K.EVHIEGYTPEDKK.-	17
PSTAT+4704	proteomics_stat	3102680	3102754	+	2	3	R.SHINFDDGTITTIETIAGTEPAAHLR.R	29
PSTAT+4705	proteomics_stat	3103136	3103183	+	2	2	R.SDALGLMQVQHTAGK.D	20
PSTAT+4706	proteomics_stat	3104960	3104989	+	2	2	R.VPTGTQTVSH.-	14
PSTAT+4707	proteomics_stat	3136752	3136778	+	3	7	M.TDNTYQPAK.V	13
PSTAT+4708	proteomics_stat	3136755	3136778	+	3	2	T.DNTYQPAK.V	12
PSTAT+4709	proteomics_stat	3136875	3136919	+	3	14	K.HPLQLYSLGTPNGQK.V	19
PSTAT+4710	proteomics_stat	3136992	3137048	+	3	3	R.IGDGDQFSSGFVEVNPNSK.I	23
PSTAT+4711	proteomics_stat	3137133	3137165	+	3	2	K.FGYFLPQDLAK.R	15
PSTAT+4712	proteomics_stat	3137529	3137564	+	3	7	R.TNGPLNEQLHER.H	16
PSTAT+4713	proteomics_stat	3137565	3137612	+	3	4	R.HDASDFETNTEDKRQG.-	20
PSTAT+4714	proteomics_stat	3137565	3137606	+	3	11	R.HDASDFETNTEDKR.Q	18
PSTAT+4715	proteomics_stat	3145991	3146056	+	2	9	R.LPALSGLWHNFGHVNALESQR.A	26
PSTAT+4716	proteomics_stat	3146069	3146155	+	2	7	R.KAFDLGITHFDLANNYGPPPGSAEENFGR.L	33
PSTAT+4717	proteomics_stat	3146072	3146155	+	2	4	K.AFDLGITHFDLANNYGPPPGSAEENFGR.L	32
PSTAT+4718	proteomics_stat	3146210	3146257	+	2	3	K.AGYDMWPGPYGSGGSR.K	20
PSTAT+4719	proteomics_stat	3146477	3146521	+	2	10	K.IPLLIHQPSYNLLNR.W	19
PSTAT+4720	proteomics_stat	3146534	3146617	+	2	3	K.SGLLDTLQNNNGVGCIAFTPLAQGLLTGK.Y	32
PSTAT+4721	proteomics_stat	3146750	3146800	+	2	3	R.GQSMAQMALSWLLKDDR.V	21
PSTAT+4722	proteomics_stat	3146831	3146887	+	2	2	R.AEQLEENVQALNNLTFSTK.E	23
PSTAT+4723	proteomics_stat	3146888	3146956	+	2	5	K.ELAQIDQHIADGELNLWQASSDK.-	27
PSTAT+4724	proteomics_stat	3147699	3147737	+	3	2	K.DPTTQYTYGEPK.Q	17
PSTAT+4725	proteomics_stat	3147834	3147872	+	3	3	R.KALVTGGDSGIGR.A	17
PSTAT+4726	proteomics_stat	3147837	3147872	+	3	3	K.ALVTGGDSGIGR.A	16
PSTAT+4727	proteomics_stat	3148215	3148292	+	3	4	K.GASIIITSSIQAYQSPHLLDYAATK.A	30
PSTAT+4728	proteomics_stat	3150270	3150302	+	3	5	K.KLDTQLVNAGR.S	15

PSTAT+4729	proteomics_stat	3150276	3150302	+	3	2	L.DTQLVNAGR.S	13
PSTAT+4730	proteomics_stat	3150309	3150347	+	3	6	K.KYTLGAVNSVIQR.A	17
PSTAT+4731	proteomics_stat	3150312	3150347	+	3	3	K.YTLGAVNSVIQR.A	16
PSTAT+4732	proteomics_stat	3150348	3150383	+	3	2	R.ASSLVFDSVEAK.K	16
PSTAT+4733	proteomics_stat	3150630	3150683	+	3	8	K.LGVTTSWFDPLIGADIVK.H	22
PSTAT+4734	proteomics_stat	3150705	3150779	+	3	9	K.IVFLESPGSITMEVHDVPAIVAAVR.S	29
PSTAT+4735	proteomics_stat	3150888	3150941	+	3	3	K.YLVGHS DAMIGTAVCNAR.C	22
PSTAT+4736	proteomics_stat	3150960	3151019	+	3	2	R.ENAYLMGQMVDADTAYITSR.G	24
PSTAT+4737	proteomics_stat	3151074	3151112	+	3	4	K.VAEWLAEHPQVAR.V	17
PSTAT+4738	proteomics_stat	3151164	3151208	+	3	3	R.DFTGSSGLFSFVLKK.K	19
PSTAT+4739	proteomics_stat	3151374	3151436	+	3	5	R.LHIGLEDVDDLIADLDAGFAR.I	25
PSTAT+4740	proteomics_stat	3153377	3153409	+	2	10	V.MNNFNHLTPTR.I	15
PSTAT+4741	proteomics_stat	3153470	3153502	+	2	4	R.VLITYGGGSVK.K	15
PSTAT+4742	proteomics_stat	3153503	3153541	+	2	10	K.KTGVLQVLDALK.G	17
PSTAT+4743	proteomics_stat	3153506	3153541	+	2	3	K.TGVLQVLDALK.G	16
PSTAT+4744	proteomics_stat	3153542	3153613	+	2	8	K.GMDVLEFGGIEPNPAYETLMNAVK.L	28
PSTAT+4745	proteomics_stat	3153672	3153725	+	3	2	W.TAPNLSPQRLTIRKISIR.G	22
PSTAT+4746	proteomics_stat	3153683	3153751	+	2	7	K.FIAAAANYPENIDPWHILQTGGK.E	27
PSTAT+4747	proteomics_stat	3153761	3153838	+	2	8	K.SAIPMGCVLTLPATGSES NAGAVISR.K	30
PSTAT+4748	proteomics_stat	3153842	3153934	+	2	5	K.TTGDKQAFHSAHVQPVFAVLDPVYTYTLPPR.Q	35
PSTAT+4749	proteomics_stat	3153857	3153934	+	2	38	K.QAFHSAHVQPVFAVLDPVYTYTLPPR.Q	30
PSTAT+4750	proteomics_stat	3153935	3154009	+	2	32	R.QVANGVVD AFVHTVEQYVTKPVD AK.I	29
PSTAT+4751	proteomics_stat	3154022	3154066	+	2	34	R.FAEGILLTLIEDGPK.A	19
PSTAT+4752	proteomics_stat	3154067	3154099	+	2	13	K.ALKEPENYDVR.A	15
PSTAT+4753	proteomics_stat	3154307	3154369	+	2	8	R.VWNITEGSDDERIDAAIAATR.N	25
PSTAT+4754	proteomics_stat	3154343	3154369	+	2	2	R.IDAAIAATR.N	13
PSTAT+4755	proteomics_stat	3154370	3154450	+	2	17	R.NFFEQLGVPTHLSDYGLDGSSIPALLK.K	31
PSTAT+4756	proteomics_stat	3154370	3154453	+	2	3	R.NFFEQLGVPTHLSDYGLDGSSIPALLKK.L	32
PSTAT+4757	proteomics_stat	3154451	3154516	+	2	81	K.KLEEHEG M TQLGENHDITLDVSR.R	26
PSTAT+4758	proteomics_stat	3154454	3154516	+	2	2	K.LEEHEG M TQLGENHDITLDVSR.R	25
PSTAT+4759	proteomics_stat	3154669	3154752	+	1	19	K.LQDGNVMPQLGLGVWQASNEEVITAIQK.A	32
PSTAT+4760	proteomics_stat	3154774	3154821	+	1	8	R.SIDTAAAYKNEEGVGK.A	20
PSTAT+4761	proteomics_stat	3154831	3154872	+	1	8	K.NASVNREELFITTK.L	18
PSTAT+4762	proteomics_stat	3154903	3154929	+	1	3	R.EALLDSLKK.L	13
PSTAT+4763	proteomics_stat	3155044	3155085	+	1	4	K.SIGVCNFIHHLQR.L	18
PSTAT+4764	proteomics_stat	3155086	3155154	+	1	6	R.LIDETGVTPVINQIELHPLMQQR.Q	27
PSTAT+4765	proteomics_stat	3155185	3155226	+	1	4	K.IQTESWSPLAQGGK.G	18
PSTAT+4766	proteomics_stat	3155254	3155277	+	1	3	R.DLADKYGK.T	12
PSTAT+4767	proteomics_stat	3155278	3155301	+	1	6	K.TPAQIVIR.W	12
PSTAT+4768	proteomics_stat	3155302	3155337	+	1	17	R.WHLDSGLVVIK.S	16
PSTAT+4769	proteomics_stat	3155356	3155421	+	1	7	R.IAENFDVWDFRLDKDELGEIAK.L	26
PSTAT+4770	proteomics_stat	3155389	3155421	+	1	7	R.LDKDELGEIAK.L	15
PSTAT+4771	proteomics_stat	3158692	3158760	+	1	3	A.EDHRYIFPRLFTTLGINQCGAIR.A	27
PSTAT+4772	proteomics_stat	3169400	3169501	+	2	2	R.LDSLNLQDVAEIPLEDLLQSSVMDIYHTAQAK.I	38
PSTAT+4773	proteomics_stat	3170555	3170584	+	2	2	M.SNILIINGAK.K	14
PSTAT+4774	proteomics_stat	3170588	3170650	+	2	3	K.FAHSNGQLNDTLTEVADGTLR.D	25

PSTAT+4775	proteomics_stat	3170792	3170848	+	2	2	K.YIDDFTEGHGHTLYASDGR.T	23
PSTAT+4776	proteomics_stat	3170873	3170902	+	2	2	K.YGSGGLVQGK.K	14
PSTAT+4777	proteomics_stat	3170957	3171010	+	2	3	K.DQFFHGVGVGDGVYLPFHK.A	22
PSTAT+4778	proteomics_stat	3171410	3171457	+	2	8	K.AYSEAVKGDVLEMNIR.I	20
PSTAT+4779	proteomics_stat	3171431	3171457	+	2	2	K.GDVLEMNIR.I	13
PSTAT+4780	proteomics_stat	3176203	3176235	+	1	2	A.ENLMQVYQAR.L	15
PSTAT+4781	proteomics_stat	3176260	3176292	+	1	2	K.SAADRDAAFEK.I	15
PSTAT+4782	proteomics_stat	3176368	3176442	+	1	7	R.DANGINSNATSASLQLTQSIFDMSK.W	29
PSTAT+4783	proteomics_stat	3176632	3176676	+	1	4	R.FNVGLVAITDVQNAR.A	19
PSTAT+4784	proteomics_stat	3176719	3176751	+	1	3	R.NNLDNAVEQLR.Q	15
PSTAT+4785	proteomics_stat	3176752	3176808	+	1	2	R.QITGNYPPELAAALNVENFK.T	23
PSTAT+4786	proteomics_stat	3176998	3177051	+	1	2	K.TRGAAGTQYDDSNMGQNK.V	22
PSTAT+4787	proteomics_stat	3177004	3177051	+	1	10	R.GAAGTQYDDSNMGQNK.V	20
PSTAT+4788	proteomics_stat	3177052	3177111	+	1	2	K.VGLSFLPIYQGGMVNSQVK.Q	24
PSTAT+4789	proteomics_stat	3177112	3177165	+	1	4	K.QAQYNFVGASEQLESAHR.S	22
PSTAT+4790	proteomics_stat	3177187	3177237	+	1	5	R.SSFNNINASSINAYK.Q	21
PSTAT+4791	proteomics_stat	3177304	3177351	+	1	9	R.TIVDVLDTTTLYNAK.Q	20
PSTAT+4792	proteomics_stat	3177373	3177405	+	1	4	R.YNYLINQLNIK.S	15
PSTAT+4793	proteomics_stat	3177946	3177984	+	1	2	K.SAECTTAYNNALK.E	17
PSTAT+4794	proteomics_stat	3178165	3178215	+	1	4	R.LMGGGAGFAQQPLFSSK.N	21
PSTAT+4795	proteomics_stat	3178560	3178625	+	3	3	K.LTLAQVEKLEEVTAELHQMCLK.V	26
PSTAT+4796	proteomics_stat	3178584	3178625	+	3	2	K.LEEVTAELHQMCLK.V	18
PSTAT+4797	proteomics_stat	3178704	3178742	+	3	3	R.QSWLTHQPSLYSR.L	17
PSTAT+4798	proteomics_stat	3179745	3179798	+	3	37	T.TANNALALGSITCHLHGR.G	22
PSTAT+4799	proteomics_stat	3182931	3182957	+	3	2	R.EFGEDVEKK.I	13
PSTAT+4800	proteomics_stat	3183051	3183077	+	3	5	R.EKLALLEQR.I	13
PSTAT+4801	proteomics_stat	3199505	3199537	+	2	6	R.SRVPDENQVK.T	15
PSTAT+4802	proteomics_stat	3199538	3199585	+	2	4	K.TLTDKLTNIDNTWNQR.T	20
PSTAT+4803	proteomics_stat	3199607	3199657	+	2	2	K.VAQSDSVINGLKEENQK.L	21
PSTAT+4804	proteomics_stat	3199658	3199687	+	2	3	K.LKNELIVAQK.K	14
PSTAT+4805	proteomics_stat	3200111	3200182	+	2	2	K.SGSGYTGFTCYAAPDVTLEDDLKR.R	28
PSTAT+4806	proteomics_stat	3200129	3200182	+	2	4	T.GFTCYAAPDVTLEDDLKR.R	22
PSTAT+4807	proteomics_stat	3200186	3200269	+	2	4	R.DLTINALAQDDNGEIIDPYNGLGLQNR.L	32
PSTAT+4808	proteomics_stat	3200396	3200440	+	2	2	R.EMTHAGELEHLTPER.V	19
PSTAT+4809	proteomics_stat	3200525	3200575	+	2	2	R.VLFPEIDALFGVPAPAK.W	21
PSTAT+4810	proteomics_stat	3208818	3208853	+	3	9	K.VRENEPFDVALR.R	16
PSTAT+4811	proteomics_stat	3208878	3208901	+	3	5	K.AGVLAEVR.R	12
PSTAT+4812	proteomics_stat	3208908	3208937	+	3	5	R.EFYEKPTTER.K	14
PSTAT+4813	proteomics_stat	3208908	3208940	+	3	5	R.EFYEKPTTERK.R	15
PSTAT+4814	proteomics_stat	3210212	3210292	+	2	3	R.MEQAMPLSAFLFNLSMPQVDLSTPDGR.A	31
PSTAT+4815	proteomics_stat	3211408	3211434	+	1	2	R.EGEIDIKR.I	13
PSTAT+4816	proteomics_stat	3211408	3211431	+	1	3	R.EGEIDIKR.R	12
PSTAT+4817	proteomics_stat	3211432	3211518	+	1	4	K.RIEDGINQVQCSVAEYPEAITYLLEQYDR.V	33
PSTAT+4818	proteomics_stat	3211435	3211518	+	1	4	R.IEDGINQVQCSVAEYPEAITYLLEQYDR.V	32
PSTAT+4819	proteomics_stat	3211435	3211539	+	1	4	R.IEDGINQVQCSVAEYPEAITYLLEQYDRVEAEER.L	39
PSTAT+4820	proteomics_stat	3211666	3211722	+	1	2	E.DGDDDSADDDNSIDPELAR.E	23

PSTAT+4821	proteomics_stat	3211669	3211722	+	1	2	D.GDDDSADDDNSIDPELAR.E	22
PSTAT+4822	proteomics_stat	3211723	3211743	+	1	2	R.EKFAELR.A	11
PSTAT+4823	proteomics_stat	3211789	3211821	+	1	17	R.SHATAQEELK.L	15
PSTAT+4824	proteomics_stat	3211861	3211890	+	1	2	K.QFDYLVNSMR.V	14
PSTAT+4825	proteomics_stat	3212056	3212085	+	1	11	K.LHDVSEEVHR.A	14
PSTAT+4826	proteomics_stat	3212098	3212145	+	1	3	K.LQQIEEETGLTIEQVK.D	20
PSTAT+4827	proteomics_stat	3212260	3212310	+	1	27	R.GLQFLDLIQEGNIGLMK.A	21
PSTAT+4828	proteomics_stat	3212422	3212454	+	1	14	R.IPVHMIETINK.L	15
PSTAT+4829	proteomics_stat	3212473	3212526	+	1	2	R.QMLQEMGREPTPEELAER.M	22
PSTAT+4830	proteomics_stat	3212692	3212730	+	1	10	R.AATHDVLAGLTAR.E	17
PSTAT+4831	proteomics_stat	3212755	3212802	+	1	7	R.FGIDMNTDYTLLEEVGK.Q	20
PSTAT+4832	proteomics_stat	3215335	3215373	+	1	5	R.VNQSDISDAQIKK.I	17
PSTAT+4833	proteomics_stat	3217525	3217587	+	1	2	R.LPSSASALACSAHALNIEKR.T	25
PSTAT+4834	proteomics_stat	3217525	3217584	+	1	4	R.LPSSASALACSAHALNIEK.R	24
PSTAT+4835	proteomics_stat	3217624	3217677	+	1	2	R.EVIEYFKEHVNPGFLEYR.K	22
PSTAT+4836	proteomics_stat	3217645	3217677	+	1	4	K.EHVNPGFLEYR.K	15
PSTAT+4837	proteomics_stat	3217813	3217854	+	1	2	R.NPVVVS AVQNQLAK.Q	18
PSTAT+4838	proteomics_stat	3218107	3218139	+	1	5	R.KPFMPLLPGFR.H	15
PSTAT+4839	proteomics_stat	3218197	3218289	+	1	4	K.TGDDVA AVILEPIQEGGVILPPPGLTAVR.K	35
PSTAT+4840	proteomics_stat	3218794	3218844	+	1	2	R.IEPPLTLTIEQCELVIK.A	21
PSTAT+4841	proteomics_stat	3220256	3220315	+	2	2	R.GLNIPQDISLISVNDIPTAR.F	24
PSTAT+4842	proteomics_stat	3222742	3222759	+	1	3	S.VPAEGK.H	10
PSTAT+4843	proteomics_stat	3229690	3229740	+	1	4	M.SYPSLFAPLDLGFITLK.N	21
PSTAT+4844	proteomics_stat	3229942	3229977	+	1	4	R.TITEAVHQEGGK.I	16
PSTAT+4845	proteomics_stat	3229945	3229977	+	1	3	T.ITEAVHQEGGK.I	15
PSTAT+4846	proteomics_stat	3229978	3230007	+	1	2	K.IALQILHTGR.Y	14
PSTAT+4847	proteomics_stat	3230008	3230064	+	1	3	R.YSYQPHLVAPSALQAPINR.F	23
PSTAT+4848	proteomics_stat	3230065	3230124	+	1	7	R.FVPHEL SHEILQLIDNFAR.C	24
PSTAT+4849	proteomics_stat	3230518	3230553	+	1	2	K.GHVSLPLVTTNR.I	16
PSTAT+4850	proteomics_stat	3230812	3230874	+	1	3	K.NLAVVGAGPAGLAFAINAAAR.G	25
PSTAT+4851	proteomics_stat	3235375	3235407	+	1	6	R.QFVEAAHESGK.Y	15
PSTAT+4852	proteomics_stat	3236275	3236316	+	1	2	R.RQTGVIFPADSVKL.-	18
PSTAT+4853	proteomics_stat	3236275	3236313	+	1	2	R.RQTGVIFPADSVK.L	17
PSTAT+4854	proteomics_stat	3238761	3238805	+	3	3	R.SSAANIPVNMALCEK.L	19
PSTAT+4855	proteomics_stat	3239184	3239207	+	3	2	R.LANSALRN.-	12
PSTAT+4856	proteomics_stat	3244734	3244781	+	3	2	R.IEQGVYLVGDKLPAER.F	20
PSTAT+4857	proteomics_stat	3244908	3244976	+	3	5	R.HQQAADNNMEFANYGPFELLQAR.Q	27
PSTAT+4858	proteomics_stat	3247051	3247089	+	1	2	A.TTLCQEKEQNILK.E	17
PSTAT+4859	proteomics_stat	3247306	3247335	+	1	5	R.KLAEAQEELK.K	14
PSTAT+4860	proteomics_stat	3247309	3247338	+	1	3	K.LAEAQEELKK.L	14
PSTAT+4861	proteomics_stat	3247442	3247489	+	2	21	K.SLSDTLEEVLSSSGEK.S	20
PSTAT+4862	proteomics_stat	3247550	3247585	+	2	11	R.YRLGETGDIAIK.Q	16
PSTAT+4863	proteomics_stat	3247556	3247585	+	2	12	R.LGETGDIAIK.Q	14
PSTAT+4864	proteomics_stat	3249049	3249096	+	1	2	M.GQLIDGVWHD TWYDTK.S	20
PSTAT+4865	proteomics_stat	3249463	3249507	+	1	2	K.KNHTIVSNESA EIIR.M	19
PSTAT+4866	proteomics_stat	3249466	3249507	+	1	8	K.NHTIVSNESA EIIR.M	18

PSTAT+4867	proteomics_stat	3249634	3249681	+	1	3	K.AGFATSQEAYDEAVAK.V	20
PSTAT+4868	proteomics_stat	3249703	3249729	+	1	3	R.LEQILGQHR.Y	13
PSTAT+4869	proteomics_stat	3249730	3249768	+	1	2	R.YLTGNQLTEADIR.L	17
PSTAT+4870	proteomics_stat	3249871	3249924	+	1	2	R.DIYQMPGIAETVNFDIR.N	22
PSTAT+4871	proteomics_stat	3275042	3275071	+	2	3	R.SHAVLTTESK.V	14
PSTAT+4872	proteomics_stat	3275126	3275191	+	2	3	K.LKPGQDSIHYEILPGGQVFMCR.L	26
PSTAT+4873	proteomics_stat	3275192	3275236	+	2	2	R.LGDEQEDHTMNAFLR.F	19
PSTAT+4874	proteomics_stat	3275237	3275272	+	2	2	R.FLDADIQNNPQK.T	16
PSTAT+4875	proteomics_stat	3292196	3292243	+	2	2	K.IALLPLNGQAAVFGFR.T	20
PSTAT+4876	proteomics_stat	3292499	3292588	+	2	5	K.IYDTSSQPLSQILSQVQQDGASIVVGPLLK.N	34
PSTAT+4877	proteomics_stat	3292670	3292714	+	2	2	R.VNICYFALSPEDAR.D	19
PSTAT+4878	proteomics_stat	3292826	3292855	+	2	2	K.LGGGTVLQQK.F	14
PSTAT+4879	proteomics_stat	3292880	3292936	+	2	2	R.AGVNGGSGIALTGSPITLR.A	23
PSTAT+4880	proteomics_stat	3292937	3293023	+	2	7	R.ATTDSGMTTNNPTLQTTPTDDQFTNNGGR.V	33
PSTAT+4881	proteomics_stat	3293093	3293134	+	2	4	R.NGSQSGATLYASSR.S	18
PSTAT+4882	proteomics_stat	3293168	3293278	+	2	2	R.LEMEGLQYSEIPMLAGGNLPLMQQALSAVNNDYSLAR.M	41
PSTAT+4883	proteomics_stat	3294110	3294133	+	2	4	R.LHDEVYAK.Q	12
PSTAT+4884	proteomics_stat	3294548	3294589	+	2	2	R.SVGTQVDDGTLEVR.V	18
PSTAT+4885	proteomics_stat	3294638	3294664	+	2	2	R.INVTAYQ GK.V	13
PSTAT+4886	proteomics_stat	3294665	3294709	+	2	5	K.VLLVGQSPNAELSAR.A	19
PSTAT+4887	proteomics_stat	3294716	3294766	+	2	5	K.QIAMGVDGANEVYNEIR.Q	21
PSTAT+4888	proteomics_stat	3294875	3294925	+	2	12	K.VTTENGEVFLMGLVTER.E	21
PSTAT+4889	proteomics_stat	3297134	3297163	+	2	5	K.KGEASVTIDK.S	14
PSTAT+4890	proteomics_stat	3301539	3301571	+	3	2	R.EAFSHSLDLAR.L	15
PSTAT+4891	proteomics_stat	3301917	3301961	+	3	2	R.DPNPHVRPVPGYGEK.I	19
PSTAT+4892	proteomics_stat	3316698	3316754	+	3	119	R.IGIAFSGGLDTSAALLWMR.Q	23
PSTAT+4893	proteomics_stat	3316755	3316835	+	3	3	R.QKGAVPYAYTANLQGPDEEDYDAIPRR.A	31
PSTAT+4894	proteomics_stat	3316755	3316832	+	3	2	R.QKGAVPYAYTANLQGPDEEDYDAIPR.R	30
PSTAT+4895	proteomics_stat	3316761	3316832	+	3	17	K.GAVPYAYTANLQGPDEEDYDAIPR.R	28
PSTAT+4896	proteomics_stat	3316776	3316832	+	3	3	Y.AYTANLQGPDEEDYDAIPR.R	23
PSTAT+4897	proteomics_stat	3316791	3316832	+	3	2	N.LGQPDEEDYDAIPR.R	18
PSTAT+4898	proteomics_stat	3316800	3316832	+	3	5	Q.PDEEDYDAIPR.R	15
PSTAT+4899	proteomics_stat	3316833	3316865	+	3	15	R.RAMEYGAENAR.L	15
PSTAT+4900	proteomics_stat	3316836	3316865	+	3	4	R.AMEYGAENAR.L	14
PSTAT+4901	proteomics_stat	3316881	3316979	+	3	24	R.KQLVAEGIAAIQCGAFHNTTGGLTYFNTPPLGR.A	37
PSTAT+4902	proteomics_stat	3316884	3316979	+	3	14	K.QLVAEGIAAIQCGAFHNTTGGLTYFNTPPLGR.A	36
PSTAT+4903	proteomics_stat	3316932	3316979	+	3	2	H.NTTGGLTYFNTPPLGR.A	20
PSTAT+4904	proteomics_stat	3316980	3317075	+	3	5	R.AVTGTMLVAAMKEDGVNIWGDGSTYKGNIDIER.F	36
PSTAT+4905	proteomics_stat	3316980	3317015	+	3	2	R.AVTGTMLVAAMK.E	16
PSTAT+4906	proteomics_stat	3316980	3317057	+	3	31	R.AVTGTMLVAAMKEDGVNIWGDGSTYK.G	30
PSTAT+4907	proteomics_stat	3317016	3317057	+	3	3	K.EDGVNIWGDGSTYK.G	18
PSTAT+4908	proteomics_stat	3317085	3317165	+	3	63	R.YGLLTNAELQIYKPWLDTDFIDELGGR.H	31
PSTAT+4909	proteomics_stat	3317166	3317210	+	3	21	R.HEMSEFMIACGFDYK.M	19
PSTAT+4910	proteomics_stat	3317226	3317273	+	3	11	K.AYSTDSNMLGATHEAK.D	20
PSTAT+4911	proteomics_stat	3317226	3317303	+	3	5	K.AYSTDSNMLGATHEAKDLEYLNSSVK.I	30
PSTAT+4912	proteomics_stat	3317274	3317303	+	3	14	K.DLEYLNSSVK.I	14

PSTAT+4913	proteomics_stat	3317304	3317330	+	3	4	K.IVNPIMGVK.F	13
PSTAT+4914	proteomics_stat	3317331	3317378	+	3	14	K.FWDESVKIPAEVTVR.F	20
PSTAT+4915	proteomics_stat	3317334	3317378	+	3	2	F.WDESVKIPAEVTVR.F	19
PSTAT+4916	proteomics_stat	3317352	3317378	+	3	6	K.IPAEEVTVR.F	13
PSTAT+4917	proteomics_stat	3317379	3317414	+	3	27	R.FEQGHPVALNGK.T	16
PSTAT+4918	proteomics_stat	3317382	3317414	+	3	2	F.EQGHPVALNGK.T	15
PSTAT+4919	proteomics_stat	3317415	3317456	+	3	8	K.TFSDDVEMMLEANR.I	18
PSTAT+4920	proteomics_stat	3317418	3317456	+	3	2	T.FSDDVEMMLEANR.I	17
PSTAT+4921	proteomics_stat	3317469	3317504	+	3	23	R.HGLGMSDQIENR.I	16
PSTAT+4922	proteomics_stat	3317502	3317576	+	3	5	N.RIIEAKSRGIYEAPGMALLHIAYER.L	29
PSTAT+4923	proteomics_stat	3317526	3317576	+	3	28	R.GIYEAPGMALLHIAYER.L	21
PSTAT+4924	proteomics_stat	3317577	3317633	+	3	5	R.LLTGIHNEDTIEQYHAHGR.Q	23
PSTAT+4925	proteomics_stat	3317577	3317621	+	3	2	R.LLTGIHNEDTIEQYH.A	19
PSTAT+4926	proteomics_stat	3317580	3317633	+	3	3	L.LTGIHNEDTIEQYHAHGR.Q	22
PSTAT+4927	proteomics_stat	3317664	3317693	+	3	3	R.WFDSQALMLR.D	14
PSTAT+4928	proteomics_stat	3317667	3317693	+	3	2	W.FDSQALMLR.D	13
PSTAT+4929	proteomics_stat	3317670	3317693	+	3	2	F.DSQALMLR.D	12
PSTAT+4930	proteomics_stat	3317709	3317753	+	3	159	R.WVASQITGEVTLELR.R	19
PSTAT+4931	proteomics_stat	3317727	3317816	+	3	12	I.TGEVTLELRGNDYSILNTVSENLYKPER.L	34
PSTAT+4932	proteomics_stat	3317754	3317816	+	3	39	R.RGNDYSILNTVSENLYKPER.L	25
PSTAT+4933	proteomics_stat	3317757	3317816	+	3	28	R.GNDYSILNTVSENLYKPER.L	24
PSTAT+4934	proteomics_stat	3317817	3317861	+	3	10	R.LTMEKGDVSVFSPDDR.I	19
PSTAT+4935	proteomics_stat	3317820	3317861	+	3	2	L.TMEKGDVSVFSPDDR.I	18
PSTAT+4936	proteomics_stat	3317883	3317906	+	3	9	R.NLDITDTR.E	12
PSTAT+4937	proteomics_stat	3317907	3317930	+	3	5	R.EKLFQYAK.T	12
PSTAT+4938	proteomics_stat	3317931	3317999	+	3	12	K.TGLLSSSAASGVPQVENLENKGQ.-	27
PSTAT+4939	proteomics_stat	3317931	3317993	+	3	6	K.TGLLSSSAASGVPQVENLENK.G	25
PSTAT+4940	proteomics_stat	3326016	3326051	+	3	2	R.ETGACNVQVIGK.T	16
PSTAT+4941	proteomics_stat	3328191	3328223	+	3	6	R.AGLHQAGVDGK.V	15
PSTAT+4942	proteomics_stat	3330456	3330503	+	3	4	C.EAVGLRYCKDELNRMK.F	20
PSTAT+4943	proteomics_stat	3331408	3331491	+	1	3	F.QANGLTFAYSVLFTTTLENRVHIKLRFR.A	32
PSTAT+4944	proteomics_stat	3332335	3332406	+	1	7	R.YLGTAFLQLIDDLLDYNADGEQLGK.N	28
PSTAT+4945	proteomics_stat	3332527	3332586	+	1	4	R.HLLEPVLEAMNACGSLEWTR.Q	24
PSTAT+4946	proteomics_stat	3332587	3332655	+	1	6	R.QRAEEEEADKAIQVLPDTPWR.E	27
PSTAT+4947	proteomics_stat	3332656	3332694	+	1	2	R.EALIGLAHIAVQR.D	17
PSTAT+4948	proteomics_stat	3338906	3338995	+	2	2	Y.FAISELTMGLTAIAIGTSLPELATAIAGVR.K	34
PSTAT+4949	proteomics_stat	3339291	3339338	+	3	3	M.SHVELQPGFDFQAGK.E	20
PSTAT+4950	proteomics_stat	3339705	3339731	+	3	4	R.AADVHLCVK.V	13
PSTAT+4951	proteomics_stat	3339741	3339827	+	3	9	K.EACPLGLAPTSSTTATLVMGDALAVALLK.A	33
PSTAT+4952	proteomics_stat	3339834	3339887	+	3	4	R.GFTAEDFALSHPGGALGR.K	22
PSTAT+4953	proteomics_stat	3339903	3339947	+	3	5	R.VNDIMHTGDEIPHVK.K	19
PSTAT+4954	proteomics_stat	3339966	3339989	+	3	2	R.DALLEVTR.K	12
PSTAT+4955	proteomics_stat	3340137	3340187	+	3	16	R.VRPGLAVEALNLMQSR.H	21
PSTAT+4956	proteomics_stat	3341600	3341650	+	2	7	K.INADKVVVTRPGGEQGK.E	21
PSTAT+4957	proteomics_stat	3341615	3341650	+	2	5	K.VVVTRPGGEQGK.E	16
PSTAT+4958	proteomics_stat	3341756	3341821	+	2	2	K.DFVVLGTGNAYLQQVDSNIKGDK.I	26

PSTAT+4959	proteomics_stat	3341849	3341875	+	2	4	K.MQAFSDKGK.R	13
PSTAT+4960	proteomics_stat	3342131	3342190	+	2	2	R.DAGNIIIDDDDISLLPLHAR.A	24
PSTAT+4961	proteomics_stat	3342197	3342238	+	2	6	R.RGIGYLPQEASIFR.R	18
PSTAT+4962	proteomics_stat	3342200	3342238	+	2	2	R.GIGYLPQEASIFR.R	17
PSTAT+4963	proteomics_stat	3342317	3342358	+	2	7	R.ANELMEEFHIEHLR.D	18
PSTAT+4964	proteomics_stat	3342359	3342394	+	2	5	R.DSMGQSLSGGER.R	16
PSTAT+4965	proteomics_stat	3342437	3342496	+	2	3	K.FILLDEPFAGVDPISVIDIK.R	24
PSTAT+4966	proteomics_stat	3342437	3342499	+	2	3	K.FILLDEPFAGVDPISVIDIKR.I	25
PSTAT+4967	proteomics_stat	3342518	3342559	+	2	4	R.DSGLGVLITDHNVR.E	18
PSTAT+4968	proteomics_stat	3342584	3342661	+	2	6	R.AYIVSQGHILAHGTPTEILQDEHVKR.V	30
PSTAT+4969	proteomics_stat	3342584	3342658	+	2	4	R.AYIVSQGHILAHGTPTEILQDEHVK.R	29
PSTAT+4970	proteomics_stat	3342763	3342810	+	1	2	R.LSQQLAMTPQLQQAIR.L	20
PSTAT+4971	proteomics_stat	3342811	3342915	+	1	4	R.LLQLSTLLELQQELQQALESNPLLEQIDTHEEIDTR.E	39
PSTAT+4972	proteomics_stat	3342916	3342966	+	1	4	R.ETQDSETLDTADALEQK.E	21
PSTAT+4973	proteomics_stat	3343390	3343437	+	1	3	R.LIISDHLDLLANHDFR.T	20
PSTAT+4974	proteomics_stat	3343627	3343671	+	1	2	R.LQINQHYASMCNNAR.N	19
PSTAT+4975	proteomics_stat	3344195	3344245	+	2	6	T.MQLNITGNNVEITEALR.E	21
PSTAT+4976	proteomics_stat	3344330	3344434	+	2	12	K.VTHTSDATLHVNGGEIHASAEQDMYAAIDGLIDK.L	39
PSTAT+4977	proteomics_stat	3344600	3344647	+	2	4	I.MTNNDTTLQLSSVLNR.E	20
PSTAT+4978	proteomics_stat	3344723	3344770	+	2	8	K.QLSLPPQVVFEAILTR.E	20
PSTAT+4979	proteomics_stat	3344777	3344824	+	2	5	K.MGSTGIGNGAIIPHGK.L	20
PSTAT+4980	proteomics_stat	3345194	3345262	+	2	4	R.ALEDMGFYCVDNLPVLLPDLAR.T	27
PSTAT+4981	proteomics_stat	3345311	3345403	+	2	3	R.NMPESPEIFEQAMSNLPDAFSPQLLFLDADR.N	35
PSTAT+4982	proteomics_stat	3345311	3345418	+	2	4	R.NMPESPEIFEQAMSNLPDAFSPQLLFLDADRNTLIR.R	40
PSTAT+4983	proteomics_stat	3345461	3345517	+	2	3	K.NLSLESAIDKESDLLEPLR.S	23
PSTAT+4984	proteomics_stat	3345524	3345583	+	2	6	R.ADLIVDTSEMSVHELAEMLR.T	24
PSTAT+4985	proteomics_stat	3345647	3345688	+	2	5	K.HGIPIDADYVFDVR.F	18
PSTAT+4986	proteomics_stat	3345719	3345769	+	2	5	K.LRPMTGLDKPVA AFLDR.H	21
PSTAT+4987	proteomics_stat	3345770	3345805	+	2	7	R.HTEVHNFIYQTR.S	16
PSTAT+4988	proteomics_stat	3345806	3345850	+	2	2	R.SYLELWLPMLETNNR.S	19
PSTAT+4989	proteomics_stat	3345896	3345934	+	2	2	R.SVYIAEQLADYFR.S	17
PSTAT+4990	proteomics_stat	3346081	3346164	+	1	2	D.AEVLLRNDEGTEAEANSVIALMLDSAK.G	32
PSTAT+4991	proteomics_stat	3352780	3352827	+	1	12	N.CGFGLIAHIEGEP SHK.V	20
PSTAT+4992	proteomics_stat	3352897	3352938	+	1	5	K.TGDGCGLLLQKPDR.F	18
PSTAT+4993	proteomics_stat	3352984	3353043	+	1	10	K.NYAVGMLFLNKDPELAAAAR.R	24
PSTAT+4994	proteomics_stat	3353017	3353043	+	1	3	K.DPELAAAAR.R	13
PSTAT+4995	proteomics_stat	3353044	3353070	+	1	6	R.RIVEEELQR.E	13
PSTAT+4996	proteomics_stat	3353047	3353070	+	1	4	R.IVEEELQR.E	12
PSTAT+4997	proteomics_stat	3353071	3353097	+	1	2	R.ETLSIVGWR.D	13
PSTAT+4998	proteomics_stat	3353098	3353154	+	1	12	R.DVPTNEGVLGEIALSSLPR.I	23
PSTAT+4999	proteomics_stat	3353155	3353199	+	1	2	R.IEQIFVNAPAGWRPR.D	19
PSTAT+5000	proteomics_stat	3353245	3353307	+	1	22	K.RLEADKDFYVCSLSNLVNIYK.G	25
PSTAT+5001	proteomics_stat	3353248	3353307	+	1	20	R.LEADKDFYVCSLSNLVNIYK.G	24
PSTAT+5002	proteomics_stat	3353365	3353397	+	1	4	R.LESAICLFHQRF.F	15
PSTAT+5003	proteomics_stat	3353368	3353397	+	1	2	L.ESAIICLFHQRF.F	14
PSTAT+5004	proteomics_stat	3353398	3353421	+	1	4	R.FSTNTVPR.W	12

PSTAT+5005	proteomics_stat	3353446	3353490	+	1	26	R.YLAHNGEINTITGNR.Q	19
PSTAT+5006	proteomics_stat	3353449	3353490	+	1	6	Y.LAHNGEINTITGNR.Q	18
PSTAT+5007	proteomics_stat	3353452	3353490	+	1	2	L.AHNGEINTITGNR.Q	17
PSTAT+5008	proteomics_stat	3353458	3353490	+	1	3	H.NGEINTITGNR.Q	15
PSTAT+5009	proteomics_stat	3353653	3353706	+	1	17	R.LLVPPAWQNNPDMPELR.A	22
PSTAT+5010	proteomics_stat	3353707	3353781	+	1	16	R.AFFDFNSMHMEPWDGPGIVMSDGR.F	29
PSTAT+5011	proteomics_stat	3353842	3353910	+	1	9	K.DKLITCASEVGIWDYQPDEVVEK.G	27
PSTAT+5012	proteomics_stat	3353848	3353910	+	1	7	K.LITCASEVGIWDYQPDEVVEK.G	25
PSTAT+5013	proteomics_stat	3353917	3353952	+	1	3	R.VGPGELMVIDTR.S	16
PSTAT+5014	proteomics_stat	3353962	3354003	+	1	28	R.ILHSAETDDDLKSR.H	18
PSTAT+5015	proteomics_stat	3353962	3353997	+	1	11	R.ILHSAETDDDLK.S	16
PSTAT+5016	proteomics_stat	3353965	3354003	+	1	4	I.LHSAETDDDLKSR.H	17
PSTAT+5017	proteomics_stat	3353965	3353997	+	1	3	I.LHSAETDDDLK.S	15
PSTAT+5018	proteomics_stat	3354004	3354030	+	1	4	R.HPYKEWMEK.N	13
PSTAT+5019	proteomics_stat	3354040	3354087	+	1	8	R.RLVPFEDLPDEEVGSR.E	20
PSTAT+5020	proteomics_stat	3354043	3354087	+	1	9	R.LVPFEDLPDEEVGSR.E	19
PSTAT+5021	proteomics_stat	3354088	3354123	+	1	14	R.ELDDDTLASYQK.Q	16
PSTAT+5022	proteomics_stat	3354091	3354123	+	1	2	E.LDDDTLASYQK.Q	15
PSTAT+5023	proteomics_stat	3354094	3354123	+	1	2	L.DDDTLASYQK.Q	14
PSTAT+5024	proteomics_stat	3354124	3354165	+	1	5	K.QFNYSAEELDSVIR.V	18
PSTAT+5025	proteomics_stat	3354127	3354165	+	1	3	Q.FNYSAEELDSVIR.V	17
PSTAT+5026	proteomics_stat	3354130	3354246	+	1	2	F.NYSAEELDSVIRVLGENGQEA VGSMGDDTPFAVLSSQPR.I	43
PSTAT+5027	proteomics_stat	3354166	3354246	+	1	14	R.VLGENGQEA VGSMGDDTPFAVLSSQPR.I	31
PSTAT+5028	proteomics_stat	3354268	3354351	+	1	3	R.QQFAQVTNPPIDPLREAHVMSLATSIGR.E	32
PSTAT+5029	proteomics_stat	3354268	3354312	+	1	4	R.QQFAQVTNPPIDPLR.E	19
PSTAT+5030	proteomics_stat	3354313	3354351	+	1	12	R.EAHVMSLATSIGR.E	17
PSTAT+5031	proteomics_stat	3354352	3354393	+	1	7	R.EMNVFCEAEGQHR.L	18
PSTAT+5032	proteomics_stat	3354406	3354435	+	1	3	K.SPILLYSDFK.Q	14
PSTAT+5033	proteomics_stat	3354469	3354504	+	1	3	R.ADTLDITFDVTK.T	16
PSTAT+5034	proteomics_stat	3354529	3354552	+	1	3	K.ELCDKAEK.M	12
PSTAT+5035	proteomics_stat	3354562	3354594	+	1	2	R.SGTVLLVLSDR.N	15
PSTAT+5036	proteomics_stat	3354607	3354657	+	1	10	K.DRLPVPAPMAVGAIQTR.L	21
PSTAT+5037	proteomics_stat	3354613	3354657	+	1	4	R.LPVPAPMAVGAIQTR.L	19
PSTAT+5038	proteomics_stat	3354679	3354717	+	1	3	R.CDANIIVETASAR.D	17
PSTAT+5039	proteomics_stat	3354799	3354825	+	1	9	R.LVDTHAIK.D	13
PSTAT+5040	proteomics_stat	3354802	3354825	+	1	4	L.VDTHAIK.D	12
PSTAT+5041	proteomics_stat	3354895	3354924	+	1	3	K.MGISTIASYR.C	14
PSTAT+5042	proteomics_stat	3354934	3354999	+	1	6	K.LFEAVGLHDDVVGLCFQGAVSR.I	26
PSTAT+5043	proteomics_stat	3354997	3355053	+	1	4	S.RIGGASFEDFQQDLLNLSK.R	23
PSTAT+5044	proteomics_stat	3355000	3355053	+	1	33	R.IGGASFEDFQQDLLNLSK.R	22
PSTAT+5045	proteomics_stat	3355003	3355053	+	1	2	I.GGASFEDFQQDLLNLSK.R	21
PSTAT+5046	proteomics_stat	3355102	3355149	+	1	2	K.YVHGGEYHAYNPDVVR.T	20
PSTAT+5047	proteomics_stat	3355111	3355149	+	1	3	H.GGEYHAYNPDVVR.T	17
PSTAT+5048	proteomics_stat	3355150	3355206	+	1	3	R.TLQQAVQSGEYSYQYAK.L	23
PSTAT+5049	proteomics_stat	3355153	3355206	+	1	2	T.LQQAVQSGEYSYQYAK.L	22
PSTAT+5050	proteomics_stat	3355240	3355314	+	1	49	R.DLLAITPGENAVNIADVEPASELFK.R	29

PSTAT+5051	proteomics_stat	3355258	3355314	+	1	2	T.PGENAVNIADVEPASELFK.R	23
PSTAT+5052	proteomics_stat	3355318	3355440	+	1	3	R.FDTAAMSIGALSPEAHEALAEAMNSIGGNSNSGEGGEDPAR.Y	45
PSTAT+5053	proteomics_stat	3355489	3355539	+	1	49	R.FGVTPAYLVNADVIQIK.V	21
PSTAT+5054	proteomics_stat	3355540	3355611	+	1	21	K.VAQGAKPGEGGQLPGDKVTPYIAK.L	28
PSTAT+5055	proteomics_stat	3355540	3355590	+	1	10	K.VAQGAKPGEGGQLPGDK.V	21
PSTAT+5056	proteomics_stat	3355540	3355602	+	1	2	K.VAQGAKPGEGGQLPGDKVTPY.I	25
PSTAT+5057	proteomics_stat	3355618	3355710	+	1	41	R.YSVPGVTLISPPPHHDIYSIEDLAQLIFDLK.Q	35
PSTAT+5058	proteomics_stat	3355741	3355791	+	1	2	V.KLVSEPGVGTIATGVAK.A	21
PSTAT+5059	proteomics_stat	3355744	3355791	+	1	14	K.LVSEPGVGTIATGVAK.A	20
PSTAT+5060	proteomics_stat	3355747	3355791	+	1	2	L.VSEPGVGTIATGVAK.A	19
PSTAT+5061	proteomics_stat	3355792	3355863	+	1	8	K.AYADLITIAGYDGGTGASPLSSVK.Y	28
PSTAT+5062	proteomics_stat	3355864	3355932	+	1	19	K.YAGCPWELGLVETQQALVANGLR.H	27
PSTAT+5063	proteomics_stat	3355945	3355968	+	1	4	R.LQVDGGLK.T	12
PSTAT+5064	proteomics_stat	3355990	3356055	+	1	14	K.AAILGAESFGFGTGPMMVALGCK.Y	26
PSTAT+5065	proteomics_stat	3356065	3356115	+	1	6	R.ICHLNNCATGVATQDDK.L	21
PSTAT+5066	proteomics_stat	3356152	3356181	+	1	2	K.VTNYFEFIAR.E	14
PSTAT+5067	proteomics_stat	3356242	3356280	+	1	5	R.TDLLKELDGFTAK.Q	17
PSTAT+5068	proteomics_stat	3356305	3356337	+	1	16	K.LLETAEPHPGK.A	15
PSTAT+5069	proteomics_stat	3356308	3356337	+	1	4	L.LETAEPHPGK.A	14
PSTAT+5070	proteomics_stat	3356338	3356430	+	1	5	K.ALYCTENPPFDNGLLNAQLLQQAQPFVDER.Q	35
PSTAT+5071	proteomics_stat	3356473	3356547	+	1	10	R.SVGASLSGYIAQTHGDQGLAADPIK.A	29
PSTAT+5072	proteomics_stat	3356500	3356547	+	1	2	Y.IAQTHGDQGLAADPIK.A	20
PSTAT+5073	proteomics_stat	3356548	3356646	+	1	60	K.AYFNGTAGQSFVWNAGGVELYLTGDANDYVGK.G	37
PSTAT+5074	proteomics_stat	3356647	3356700	+	1	10	K.GMAGGLIAIRPPVGSFR.S	22
PSTAT+5075	proteomics_stat	3356701	3356757	+	1	110	R.SHEASIIIGNTCLYGATGGR.L	23
PSTAT+5076	proteomics_stat	3356704	3356757	+	1	2	S.HEASIIIGNTCLYGATGGR.L	22
PSTAT+5077	proteomics_stat	3356887	3356958	+	1	162	K.TGVNFGAGMTGGFAYVLDESDFR.K	28
PSTAT+5078	proteomics_stat	3356965	3357030	+	1	29	R.VNPELVEVLSVDALATHEEHLR.G	26
PSTAT+5079	proteomics_stat	3357031	3357072	+	1	6	R.GLITEHVQHTGSQR.G	18
PSTAT+5080	proteomics_stat	3357073	3357114	+	1	5	R.GEEILANWSTFATK.F	18
PSTAT+5081	proteomics_stat	3357223	3357258	+	1	10	M.SQNVYQFIDLQR.V	16
PSTAT+5082	proteomics_stat	3357292	3357342	+	1	45	R.KIEFVEIYEPFSEGQAK.A	21
PSTAT+5083	proteomics_stat	3357358	3357393	+	1	2	R.CLSCGNPYCEWK.C	16
PSTAT+5084	proteomics_stat	3357394	3357429	+	1	4	K.CPVHNYIPNWLK.L	16
PSTAT+5085	proteomics_stat	3357448	3357507	+	1	14	R.IFEAAELSHQTNTLPEVCGR.V	24
PSTAT+5086	proteomics_stat	3357607	3357648	+	1	2	K.AFEMGWRPDMGVK.Q	18
PSTAT+5087	proteomics_stat	3357661	3357720	+	1	6	K.KVAIIGAGPAGLACADVLTR.N	24
PSTAT+5088	proteomics_stat	3357664	3357720	+	1	10	R.VAIIGAGPAGLACADVLTR.N	23
PSTAT+5089	proteomics_stat	3357664	3357720	+	1	10	R.VAIIGAGPAGLACADVLTR.N	23
PSTAT+5090	proteomics_stat	3357733	3357798	+	1	22	K.AVVDRHPEIGLLTFGIPAFK.L	26
PSTAT+5091	proteomics_stat	3357733	3357807	+	1	21	K.AVVDRHPEIGLLTFGIPAFKLEK.E	29
PSTAT+5092	proteomics_stat	3357751	3357807	+	1	7	R.HPEIGLLTFGIPAFKLEK.E	23
PSTAT+5093	proteomics_stat	3357751	3357798	+	1	24	R.HPEIGLLTFGIPAFK.L	20
PSTAT+5094	proteomics_stat	3357829	3357861	+	1	2	R.EIFTGMGIEFK.L	15
PSTAT+5095	proteomics_stat	3357883	3357957	+	1	25	R.DVQLDDLLSDYDAVFLGVGTYSMR.G	29
PSTAT+5096	proteomics_stat	3357958	3358026	+	1	8	R.GGLENEDADGVYAALPFLIANTK.Q	27

PSTAT+5097	proteomics_stat	3358054	3358083	+	1	6	R.DEPFVSMEGK.R	14
PSTAT+5098	proteomics_stat	3358084	3358131	+	1	2	K.RVVVLGGGDTAMDCVR.T	20
PSTAT+5099	proteomics_stat	3358087	3358131	+	1	7	N.VVVLGGGDTAMDCVR.T	19
PSTAT+5100	proteomics_stat	3358087	3358131	+	1	7	N.VVVLGGGDTAMDCVR.T	19
PSTAT+5101	proteomics_stat	3358177	3358206	+	1	13	R.RDEENMPGSR.R	14
PSTAT+5102	proteomics_stat	3358180	3358206	+	1	5	R.DEENMPGSR.R	13
PSTAT+5103	proteomics_stat	3358219	3358248	+	1	4	K.NAREEGVEFK.F	14
PSTAT+5104	proteomics_stat	3358249	3358293	+	1	5	K.FNVQPLGIEVNGNGK.V	19
PSTAT+5105	proteomics_stat	3358318	3358344	+	1	3	R.TEMGEPDAK.G	13
PSTAT+5106	proteomics_stat	3358354	3358431	+	1	9	R.RAEIVAGSEHIVPADAVIMAFGFRPH.N	30
PSTAT+5107	proteomics_stat	3358357	3358452	+	1	11	R.AEIVAGSEHIVPADAVIMAFGFRPHMEWLAK.H	36
PSTAT+5108	proteomics_stat	3358357	3358431	+	1	5	R.AEIVAGSEHIVPADAVIMAFGFRPH.N	29
PSTAT+5109	proteomics_stat	3358453	3358482	+	1	15	K.HSVELDSQGR.I	14
PSTAT+5110	proteomics_stat	3358483	3358533	+	1	10	R.IIAPEGSDNAFQTSNPK.I	21
PSTAT+5111	proteomics_stat	3358561	3358599	+	1	3	R.GSDLVVTAIAEGR.K	17
PSTAT+5112	proteomics_stat	3358600	3358635	+	1	2	R.KAADGIMNWLEV.-	16
PSTAT+5113	proteomics_stat	3373074	3373091	+	3	2	I.YNEILR.M	10
PSTAT+5114	proteomics_stat	3378387	3378425	+	3	6	R.SAELLDTMAHDYR.Q	17
PSTAT+5115	proteomics_stat	3378450	3378500	+	3	5	K.SSSLLPELSAEANPFR.N	21
PSTAT+5116	proteomics_stat	3378507	3378557	+	3	9	R.LAESEASNDQAPVQMPR.D	21
PSTAT+5117	proteomics_stat	3378558	3378590	+	3	3	R.DYSEGASGLLR.T	15
PSTAT+5118	proteomics_stat	3378966	3378986	+	3	2	K.IPEEFKK.F	11
PSTAT+5119	proteomics_stat	3378987	3379067	+	3	6	K.FFGDDLDPDQPAQPFEGLSGVIINASK.G	31
PSTAT+5120	proteomics_stat	3379068	3379112	+	3	6	K.GYVLTNNHVINQAQK.I	19
PSTAT+5121	proteomics_stat	3379155	3379214	+	3	2	K.LIGSDDQSDIALLQIQNPSK.L	24
PSTAT+5122	proteomics_stat	3379215	3379253	+	3	5	K.LTQIAIADSDKLR.V	17
PSTAT+5123	proteomics_stat	3379254	3379337	+	3	6	R.VGDFAVAVGNPFLGQTATSGIVSALGR.S	32
PSTAT+5124	proteomics_stat	3379338	3379397	+	3	5	R.SGLNLEGFENFIQTDASINR.G	24
PSTAT+5125	proteomics_stat	3379521	3379562	+	3	4	R.TLAQQQLIDFGEIKR.G	18
PSTAT+5126	proteomics_stat	3379611	3379634	+	3	2	K.AFNLDVQR.G	12
PSTAT+5127	proteomics_stat	3379692	3379751	+	3	4	K.AGDIITSLNGKPLNSFAELR.S	24
PSTAT+5128	proteomics_stat	3379962	3380021	+	3	2	K.GSPAAQAGLQKDDVIIGVNR.D	24
PSTAT+5129	proteomics_stat	3380663	3380755	+	2	2	R.VPHIGDVVLAIGNPYNLGQTITQGIISATGR.I	35
PSTAT+5130	proteomics_stat	3382911	3382973	+	3	4	K.MEMVYCLPAELGVPTTSSPLK.N	25
PSTAT+5131	proteomics_stat	3383076	3383150	+	3	3	K.AEGILGTIAGDDTIFTTPANGFTVK.D	29
PSTAT+5132	proteomics_stat	3383626	3383661	+	1	3	A.ADSIDAAQAQNR.E	16
PSTAT+5133	proteomics_stat	3387755	3387826	+	2	3	R.MLHEVQDVHEQLYAFNNTPIGTLR.I	28
PSTAT+5134	proteomics_stat	3401506	3401541	+	1	2	L.MQALLLEQQDGK.T	16
PSTAT+5135	proteomics_stat	3401632	3401655	+	1	2	K.DALAITGK.G	12
PSTAT+5136	proteomics_stat	3401671	3401715	+	1	2	R.NFPMIPGIDFAGTVR.T	19
PSTAT+5137	proteomics_stat	3401734	3401814	+	1	16	R.FHAGQEVLLTGWGVGENHWGGLAEQAR.V	31
PSTAT+5138	proteomics_stat	3401815	3401862	+	1	3	R.VKGDWLVAMPQGLDAR.K	20
PSTAT+5139	proteomics_stat	3402046	3402069	+	1	2	R.ESTHEYLK.S	12
PSTAT+5140	proteomics_stat	3402088	3402132	+	1	3	R.VLPRDEFAESRPLEK.Q	19
PSTAT+5141	proteomics_stat	3402100	3402132	+	1	2	R.DEFAESRPLEK.Q	15
PSTAT+5142	proteomics_stat	3402289	3402327	+	1	2	R.LQGVD SVMTPPER.R	17

PSTAT+5143	proteomics_stat	3402349	3402393	+	1	4	R.LVADLPESFYTQAAK.E	19
PSTAT+5144	proteomics_stat	3402394	3402459	+	1	4	K.EISLSEAPNFAEAIINNQIQGR.T	26
PSTAT+5145	proteomics_stat	3403710	3403736	+	3	4	R.SPMVGTfYR.T	13
PSTAT+5146	proteomics_stat	3403827	3403865	+	3	2	M.MNQIEADKSGTVK.A	17
PSTAT+5147	proteomics_stat	3404020	3404058	+	1	2	K.TVAVHSSADRLK.H	17
PSTAT+5148	proteomics_stat	3404020	3404049	+	1	11	K.TVAVHSSADR.D	14
PSTAT+5149	proteomics_stat	3404059	3404112	+	1	15	K.HVLLADETVICIGPAPSVK.S	22
PSTAT+5150	proteomics_stat	3404230	3404256	+	1	2	R.SGFIFIGPK.A	13
PSTAT+5151	proteomics_stat	3404311	3404376	+	1	4	K.KAGVPCVPGSDGPLGDDMDKNR.A	26
PSTAT+5152	proteomics_stat	3404449	3404496	+	1	2	R.VVRGDAELAQSISMTR.A	20
PSTAT+5153	proteomics_stat	3404509	3404544	+	1	2	K.AAFSNDMVYMEK.Y	16
PSTAT+5154	proteomics_stat	3404563	3404622	+	1	4	R.HVEIQVLADGGQGNAIYLAER.D	24
PSTAT+5155	proteomics_stat	3404653	3404697	+	1	5	K.VVEEAPAPGITPELR.R	19
PSTAT+5156	proteomics_stat	3404815	3404868	+	1	10	R.IQVEHPVTEMITGVDLIK.E	22
PSTAT+5157	proteomics_stat	3404815	3404880	+	1	3	R.IQVEHPVTEMITGVDLIQQLR.I	26
PSTAT+5158	proteomics_stat	3404881	3404910	+	1	2	R.IAAGQPLSIK.Q	14
PSTAT+5159	proteomics_stat	3404881	3404931	+	1	5	R.IAAGQPLSIKQEEVHVR.G	21
PSTAT+5160	proteomics_stat	3404953	3404997	+	1	6	R.INAEDPNTFLPSPGK.I	19
PSTAT+5161	proteomics_stat	3405142	3405183	+	1	7	R.MKNALQELIIDGIK.T	18
PSTAT+5162	proteomics_stat	3405148	3405183	+	1	4	K.NALQELIIDGIK.T	16
PSTAT+5163	proteomics_stat	3405208	3405264	+	1	12	R.IMNDENFQHGTTNIHYLEK.K	23
PSTAT+5164	proteomics_stat	3405214	3405264	+	1	2	M.NDENFQHGTTNIHYLEK.K	21
PSTAT+5165	proteomics_stat	3407641	3407685	+	1	3	K.AIGIDIDPQAIQASR.D	19
PSTAT+5166	proteomics_stat	3407662	3407685	+	1	2	D.PQAIQASR.D	12
PSTAT+5167	proteomics_stat	3409308	3409388	+	3	3	R.VNSDVLTVSTVNSQDQVTQKPLRDSVK.Q	31
PSTAT+5168	proteomics_stat	3409308	3409376	+	3	5	R.VNSDVLTVSTVNSQDQVTQKPLR.D	27
PSTAT+5169	proteomics_stat	3413733	3413771	+	3	2	K.GQQLNASIIAQTR.L	17
PSTAT+5170	proteomics_stat	3413733	3413771	+	3	2	K.GQQLNASIIAQTR.L	17
PSTAT+5171	proteomics_stat	3416535	3416630	+	3	2	K.GTTQDNWETAGAIAGGAAAVAGLTMGIIALSK.-	36
PSTAT+5172	proteomics_stat	3427396	3427428	+	1	5	R.GDVHYVQIGAR.T	15
PSTAT+5173	proteomics_stat	3427534	3427566	+	1	2	K.VMLHGCTIGNR.V	15
PSTAT+5174	proteomics_stat	3427660	3427701	+	1	4	K.RLESGYLYLGSPVK.Q	18
PSTAT+5175	proteomics_stat	3427702	3427731	+	1	2	K.QIRPLSDEEK.A	14
PSTAT+5176	proteomics_stat	3431715	3431750	+	3	3	M.SVLQVLHIPDER.L	16
PSTAT+5177	proteomics_stat	3431760	3431801	+	3	4	K.VAKPVEEVNAEIQR.I	18
PSTAT+5178	proteomics_stat	3431802	3431882	+	3	3	R.IVDDMFETMYAEEGIGLAATQVDIHQR.I	31
PSTAT+5179	proteomics_stat	3432290	3432364	+	2	2	R.HLDALLSSGHNVVGVFTQPDRPAGR.G	29
PSTAT+5180	proteomics_stat	3432548	3432586	+	2	3	R.LGCINVHGSLLPR.W	17
PSTAT+5181	proteomics_stat	3432698	3432748	+	2	5	K.LSCPITAEDTSGTLYDK.L	21
PSTAT+5182	proteomics_stat	3432749	3432790	+	2	3	K.LAELGPQGLITTLK.Q	18
PSTAT+5183	proteomics_stat	3432791	3432856	+	2	2	K.QLADGTAKPEVQDETLVTYAEK.L	26
PSTAT+5184	proteomics_stat	3432923	3432976	+	2	7	R.AFNPWPMMSWLEIEGQPVK.V	22
PSTAT+5185	proteomics_stat	3432986	3433045	+	2	4	K.ASVIDTATNAAPGTILEANK.Q	24
PSTAT+5186	proteomics_stat	3433046	3433111	+	2	2	K.QGIQVATGDGILNLLSLQPAQK.K	26
PSTAT+5187	proteomics_stat	3433253	3433333	+	2	2	R.SMAAQAVEQVVEQGQSLSNILPPLQK.V	31
PSTAT+5188	proteomics_stat	3434009	3434074	+	2	2	K.TTHILEVAPEAQVVAVDIDEQR.L	26

PSTAT+5189	proteomics_stat	3434405	3434455	+	2	4	R.TADAELCETGTPEQPGK.Q	21
PSTAT+5190	proteomics_stat	3435017	3435064	+	2	2	K.AYYGGPLIGNALSTMR.E	20
PSTAT+5191	proteomics_stat	3435665	3435718	+	2	3	R.GVAEAEIAVAHGDESTSR.V	22
PSTAT+5192	proteomics_stat	3435821	3435865	+	2	2	R.IEQGDHVMFLTDKK.F	19
PSTAT+5193	proteomics_stat	3436424	3436453	+	2	3	R.DLLKEQNNRS.-	14
PSTAT+5194	proteomics_stat	3475821	3475877	+	3	3	K.ASQSPNIASQAETPPPHY.-	23
PSTAT+5195	proteomics_stat	3480034	3480075	+	1	2	R.LAQQQAMYESSQER.V	18
PSTAT+5196	proteomics_stat	3480076	3480105	+	1	2	R.VAHLQSYIDR.F	14
PSTAT+5197	proteomics_stat	3480379	3480429	+	1	2	K.LLAGELAPVSGEIGLAK.G	21
PSTAT+5198	proteomics_stat	3480439	3480477	+	1	2	K.LGYFAQHQLEYLR.A	17
PSTAT+5199	proteomics_stat	3482704	3482784	+	1	4	R.HISYFGPEANDFGLLEQTFIEYGQSGK.G	31
PSTAT+5200	proteomics_stat	3483172	3483216	+	1	2	K.GIPSLDESFFVIHFR.N	19
PSTAT+5201	proteomics_stat	3484223	3484249	+	2	22	K.STLIHQGEK.A	13
PSTAT+5202	proteomics_stat	3484223	3484276	+	2	4	K.STLIHQGEKAETLYIVK.G	22
PSTAT+5203	proteomics_stat	3484250	3484276	+	2	2	K.AETLYIVK.G	13
PSTAT+5204	proteomics_stat	3484406	3484444	+	2	4	R.AKTACEVAEISYK.K	17
PSTAT+5205	proteomics_stat	3484412	3484447	+	2	4	K.TACEVAEISYK.F	16
PSTAT+5206	proteomics_stat	3484412	3484444	+	2	2	K.TACEVAEISYK.K	15
PSTAT+5207	proteomics_stat	3484454	3484489	+	2	2	R.QLIQVNPDILMR.L	16
PSTAT+5208	proteomics_stat	3484535	3484570	+	2	4	K.VGNLAFLDVTGR.I	16
PSTAT+5209	proteomics_stat	3484571	3484600	+	2	3	R.IAQTLNLAK.Q	14
PSTAT+5210	proteomics_stat	3484601	3484642	+	2	4	K.QPDAMTHPDGMQIK.I	18
PSTAT+5211	proteomics_stat	3484652	3484684	+	2	2	R.QEIGQIVGCSR.E	15
PSTAT+5212	proteomics_stat	3484709	3484747	+	2	7	K.MLEDQNLISAHGK.T	17
PSTAT+5213	proteomics_stat	3484715	3484747	+	2	3	L.EDQNLISAHGK.T	15
PSTAT+5214	proteomics_stat	3496270	3496317	+	1	4	R.EKLESLLPLHLGQVAK.Y	20
PSTAT+5215	proteomics_stat	3496663	3496713	+	1	3	R.AGYHCVPQEEINQILLR.E	21
PSTAT+5216	proteomics_stat	3497101	3497178	+	1	2	R.VIDGTLTQLGELAQQMNSPSLIIGR.V	30
PSTAT+5217	proteomics_stat	3502710	3502763	+	3	2	K.IAFDQNDKPVHVSELCR.A	22
PSTAT+5218	proteomics_stat	3521202	3521273	+	3	3	R.AASVALFSGHASQGASTITQQLAR.N	28
PSTAT+5219	proteomics_stat	3521775	3521804	+	3	4	K.VQQAQQAVR.N	14
PSTAT+5220	proteomics_stat	3522771	3522818	+	3	2	K.SNVLENNDVEDVAISR.E	20
PSTAT+5221	proteomics_stat	3522885	3522944	+	3	2	K.TGAQEYAPHVINTPLAFLIK.S	24
PSTAT+5222	proteomics_stat	3523137	3523205	+	3	4	R.NLGHTTASGAIKDQISGYEGGAK.S	27
PSTAT+5223	proteomics_stat	3523347	3523442	+	3	2	R.EEYFIEGTQPTQQAVHEVGTIIDNGEAQELF.-	36
PSTAT+5224	proteomics_stat	3524971	3525015	+	1	2	R.SYALQVPVSTQASIR.G	19
PSTAT+5225	proteomics_stat	3526015	3526065	+	1	2	K.NALVNLGNSKDWALVK.R	21
PSTAT+5226	proteomics_stat	3526327	3526380	+	1	4	K.LAQMLMHTPFNAEGIVTK.I	22
PSTAT+5227	proteomics_stat	3527595	3527654	+	3	7	R.RPASEAALLYEETAESVEKR.E	24
PSTAT+5228	proteomics_stat	3527595	3527651	+	3	4	R.RPASEAALLYEETAESVEK.R	23
PSTAT+5229	proteomics_stat	3527850	3527921	+	3	2	R.GELVTVSETLQQILENHDYPQPVK.N	28
PSTAT+5230	proteomics_stat	3528075	3528110	+	3	4	R.VQGEIPENADLK.T	16
PSTAT+5231	proteomics_stat	3528168	3528233	+	3	5	R.YQGVVGLGDTLAACLEDYFMR.S	26
PSTAT+5232	proteomics_stat	3528634	3528714	+	1	3	K.SATTRLRQIRKFINEYVRQRGLCRILR.L	31
PSTAT+5233	proteomics_stat	3528639	3528671	+	3	6	R.NNASPADPQVH.-	15
PSTAT+5234	proteomics_stat	3530978	3531034	+	2	30	R.GVLTLNLGAVAVDTGIFTGR.S	23

PSTAT+5235	proteomics_stat	3531044	3531061	+	2	2	K.DKYIVR.D	10
PSTAT+5236	proteomics_stat	3531107	3531157	+	2	7	K.GKNDNKPLSPETWQHLLK.G	21
PSTAT+5237	proteomics_stat	3531113	3531157	+	2	5	K.NDNKPLSPETWQHLLK.G	19
PSTAT+5238	proteomics_stat	3531191	3531235	+	2	5	R.LFVVDAFCGANPDTR.L	19
PSTAT+5239	proteomics_stat	3531287	3531361	+	2	10	K.NMFIRPSDEELAGFKPDFIVMNGAK.C	29
PSTAT+5240	proteomics_stat	3531362	3531382	+	2	2	K.CTNPQWK.E	11
PSTAT+5241	proteomics_stat	3531383	3531433	+	2	12	K.EQGLNSENFVAFNLTER.M	21
PSTAT+5242	proteomics_stat	3531434	3531475	+	2	4	R.MQLIGGTWYGGEMK.K	18
PSTAT+5243	proteomics_stat	3531434	3531478	+	2	2	R.MQLIGGTWYGGEMKK.G	19
PSTAT+5244	proteomics_stat	3531479	3531517	+	2	2	K.GMFSMMNYLLPLK.G	17
PSTAT+5245	proteomics_stat	3531518	3531559	+	2	6	K.GIASMHCSANVGEK.G	18
PSTAT+5246	proteomics_stat	3531722	3531754	+	2	2	K.EAEPEIYNNAIR.R	15
PSTAT+5247	proteomics_stat	3531758	3531787	+	2	3	R.DALLENVTVR.E	14
PSTAT+5248	proteomics_stat	3531788	3531823	+	2	5	R.EDGTIDFDDGSK.T	16
PSTAT+5249	proteomics_stat	3531839	3531889	+	2	21	R.VSYPIYHIDNIVKPVSK.A	21
PSTAT+5250	proteomics_stat	3531908	3531958	+	2	7	K.VIFLTADAFGVLPPVSR.L	21
PSTAT+5251	proteomics_stat	3531959	3532009	+	2	5	R.LTADQTYHFSLSGFTAK.L	21
PSTAT+5252	proteomics_stat	3532121	3532183	+	2	4	K.RMQAAGAQAAYLVNTGWNGTGK.R	25
PSTAT+5253	proteomics_stat	3532124	3532183	+	2	3	R.MQAAGAQAAYLVNTGWNGTGK.R	24
PSTAT+5254	proteomics_stat	3532124	3532186	+	2	5	R.MQAAGAQAAYLVNTGWNGTGKR.I	25
PSTAT+5255	proteomics_stat	3532208	3532315	+	2	5	R.AIIDAILNGSLDNAETFTLPMFNLAIPTELPGVDTK.I	40
PSTAT+5256	proteomics_stat	3532331	3532366	+	2	6	R.NTYASPEQWQEK.A	16
PSTAT+5257	proteomics_stat	3532331	3532384	+	2	2	R.NTYASPEQWQEKAE TLAK.L	22
PSTAT+5258	proteomics_stat	3532385	3532456	+	2	6	K.LFIDNFDKYTDTPAGAALVAAGPK.L	28
PSTAT+5259	proteomics_stat	3532385	3532459	+	2	9	K.LFIDNFDKYTDTPAGAALVAAGPKL.-	29
PSTAT+5260	proteomics_stat	3532409	3532456	+	2	2	K.YTDTPAGAALVAAGPK.L	20
PSTAT+5261	proteomics_stat	3534047	3534163	+	2	2	R.FISLSRESGSRGWLTSAFSTANSPLVSGIGSSSRNISR.V	43
PSTAT+5262	proteomics_stat	3535431	3535484	+	3	2	R.IIAGEIQARPEQVDAAVR.L	22
PSTAT+5263	proteomics_stat	3535533	3535568	+	3	3	K.EITGGLDDTQLR.N	16
PSTAT+5264	proteomics_stat	3535698	3535736	+	3	4	K.TELEDLYLPYKPK.R	17
PSTAT+5265	proteomics_stat	3535749	3535856	+	3	2	R.GQIAIEAGLEPLADLLWSDPSHTPEVAAAQYVYADK.G	40
PSTAT+5266	proteomics_stat	3535914	3535943	+	3	2	R.FAEDAALLAK.V	14
PSTAT+5267	proteomics_stat	3535965	3536018	+	3	4	K.NAHLVSTVVSGKEEGAK.F	22
PSTAT+5268	proteomics_stat	3535965	3536000	+	3	4	K.NAHLVSTVVSGK.E	16
PSTAT+5269	proteomics_stat	3536025	3536072	+	3	7	R.DYFDHHEPLSTVPSHR.A	20
PSTAT+5270	proteomics_stat	3536346	3536387	+	3	8	R.NLHDLLMAAPAGLR.A	18
PSTAT+5271	proteomics_stat	3536457	3536504	+	3	3	K.LVATDTIYPHTGQAQK.A	20
PSTAT+5272	proteomics_stat	3536538	3536582	+	3	7	K.HNVELVAIGNGTASR.E	19
PSTAT+5273	proteomics_stat	3536769	3536849	+	3	2	L.AELVKIDPKSIGVGQYQHHDVVSQTQLAR.K	31
PSTAT+5274	proteomics_stat	3536796	3536849	+	3	8	K.SIGVGQYQHHDVVSQTQLAR.K	22
PSTAT+5275	proteomics_stat	3536979	3537005	+	3	5	R.DENGQFQNR.Q	13
PSTAT+5276	proteomics_stat	3537072	3537140	+	3	5	R.INHGDNPLDASTVHPEAYPVVER.I	27
PSTAT+5277	proteomics_stat	3537171	3537200	+	3	2	K.DLMGNSSELR.N	14
PSTAT+5278	proteomics_stat	3537210	3537233	+	3	2	K.ASDFTDEK.F	12
PSTAT+5279	proteomics_stat	3537465	3537494	+	3	4	K.FVEDPHTVVK.A	14
PSTAT+5280	proteomics_stat	3537567	3537599	+	3	4	R.LDEQPGETNAR.R	15

PSTAT+5281	proteomics_stat	3537660	3537719	+	3	2	R.EAQPAGNSAMMDALAAAMGK.K	24
PSTAT+5282	proteomics_stat	3543655	3543687	+	1	12	R.ISDAAQAHFAK.L	15
PSTAT+5283	proteomics_stat	3543688	3543723	+	1	6	K.LLANQEETQIR.V	16
PSTAT+5284	proteomics_stat	3543943	3543975	+	1	2	R.KVADDAPLMER.V	15
PSTAT+5285	proteomics_stat	3543946	3543975	+	1	2	K.VADDAPLMER.V	14
PSTAT+5286	proteomics_stat	3543976	3544032	+	1	13	R.VEYMLQSQINPQLAGHGGR.V	23
PSTAT+5287	proteomics_stat	3560048	3560110	+	2	3	K.DLIVIGGGINGAGIAADAAGR.G	25
PSTAT+5288	proteomics_stat	3560408	3560443	+	2	5	R.FGANSVLKPEIK.R	16
PSTAT+5289	proteomics_stat	3561293	3561391	+	2	2	R.TYGSNSELLLNAGTVSDLGEDFGHEFYEAELK.Y	37
PSTAT+5290	proteomics_stat	3585020	3585079	+	2	3	Q.PINTLNNPNQPGYQIPSQQR.M	24
PSTAT+5291	proteomics_stat	3585080	3585118	+	2	7	R.MQTQMOTQIQQK.G	17
PSTAT+5292	proteomics_stat	3585143	3585202	+	2	17	K.TQTQLQQHLENQINNNSQR.V	24
PSTAT+5293	proteomics_stat	3585155	3585202	+	2	4	Q.LQQQHLENQINNNSQR.V	20
PSTAT+5294	proteomics_stat	3585203	3585241	+	2	7	R.VLQSQPGERNPAR.Q	17
PSTAT+5295	proteomics_stat	3585206	3585241	+	2	2	V.LQSQPGERNPAR.Q	16
PSTAT+5296	proteomics_stat	3585242	3585289	+	2	2	R.QQMLPNTNGGMLNSNR.N	20
PSTAT+5297	proteomics_stat	3585242	3585334	+	2	2	R.QQMLPNTNGGMLNSNRNPDSSLNQQHMLPER.R	35
PSTAT+5298	proteomics_stat	3585290	3585334	+	2	6	R.NPDSSLNQQHMLPER.R	19
PSTAT+5299	proteomics_stat	3585335	3585391	+	2	4	R.RNGDMLNQPSTPQPDIPK.T	23
PSTAT+5300	proteomics_stat	3585338	3585391	+	2	7	R.NGDMLNQPSTPQPDIPK.T	22
PSTAT+5301	proteomics_stat	3605362	3605406	+	1	2	R.ATGDKVPAGATSVDR.L	19
PSTAT+5302	proteomics_stat	3605815	3605922	+	1	3	R.VTAIHPATGISESELLTAAAVEQGATHPLAQAIVR.E	40
PSTAT+5303	proteomics_stat	3606310	3606384	+	1	2	K.AVTELNQHAPLAMVGDGINDAPAMK.A	29
PSTAT+5304	proteomics_stat	3608125	3608169	+	1	4	K.LSFSLPADMTDQSGK.L	19
PSTAT+5305	proteomics_stat	3608170	3608223	+	1	3	K.LGTQANMHVWSDATGQK.A	22
PSTAT+5306	proteomics_stat	3608224	3608280	+	1	12	K.AVIVIMGDDPKEDLAVLAK.R	23
PSTAT+5307	proteomics_stat	3608302	3608337	+	1	11	R.SRDPQLQVVTNK.A	16
PSTAT+5308	proteomics_stat	3616620	3616676	+	3	4	R.VTITLDDDLLETLDLSLSQR.R	23
PSTAT+5309	proteomics_stat	3616722	3616802	+	3	3	R.SALAQEATQQHGTQGFVLSYVYEHEK.R	31
PSTAT+5310	proteomics_stat	3616917	3616967	+	3	2	K.GDMGDVQHFADDVIAQR.G	21
PSTAT+5311	proteomics_stat	3627389	3627451	+	2	4	E.INDNKLDFPTSPGISPTIQR.A	25
PSTAT+5312	proteomics_stat	3636451	3636510	+	1	4	R.TRDAINNVEAYFEQHPALLK.Q	24
PSTAT+5313	proteomics_stat	3636457	3636510	+	1	6	R.DAINNVEAYFEQHPALLK.Q	22
PSTAT+5314	proteomics_stat	3637744	3637824	+	1	2	H.TSSPATCPRSSTPGLPLPIRCQSVNTR.S	31
PSTAT+5315	proteomics_stat	3638146	3638184	+	1	83	K.HILIAVDLSPESK.V	17
PSTAT+5316	proteomics_stat	3638200	3638232	+	1	15	K.AVSMARPYNAK.V	15
PSTAT+5317	proteomics_stat	3638233	3638313	+	1	3	K.VSLIHVDVNYSDLYTGLIDVNLGDMQK.R	31
PSTAT+5318	proteomics_stat	3638314	3638433	+	1	17	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	44
PSTAT+5319	proteomics_stat	3638314	3638436	+	1	3	K.RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	45
PSTAT+5320	proteomics_stat	3638317	3638436	+	1	30	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIKK.Y	44
PSTAT+5321	proteomics_stat	3638317	3638433	+	1	31	R.ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK.K	43
PSTAT+5322	proteomics_stat	3638371	3638433	+	1	6	Y.PITETLSGSGDLGQVLVDAIK.K	25
PSTAT+5323	proteomics_stat	3638434	3638487	+	1	3	K.KYDMDLVVCGHHQDFWSK.L	22
PSTAT+5324	proteomics_stat	3638437	3638487	+	1	13	K.YDMDLVVCGHHQDFWSK.L	21
PSTAT+5325	proteomics_stat	3638506	3638565	+	1	69	R.QLINTVHVDMLIVPLRDEEE.-	24
PSTAT+5326	proteomics_stat	3643462	3643497	+	1	3	K.HTVQSLIIESLK.E	16

PSTAT+5327	proteomics_stat	3643549	3643578	+	1	3	R.YQLGSEHAER.T	14
PSTAT+5328	proteomics_stat	3643609	3643665	+	1	3	R.IWQQDDLPAELEAYINVVK.H	23
PSTAT+5329	proteomics_stat	3644331	3644387	+	3	8	K.HYDYIAIGGGSGGIASINR.A	23
PSTAT+5330	proteomics_stat	3644502	3644555	+	3	4	R.EAIHMYGPDYGFDTTINK.F	22
PSTAT+5331	proteomics_stat	3644556	3644585	+	3	2	K.FNWETLIASR.T	14
PSTAT+5332	proteomics_stat	3644604	3644636	+	3	5	R.IHTSYENVLGK.N	15
PSTAT+5333	proteomics_stat	3644637	3644657	+	3	2	K.NNVDVIK.G	11
PSTAT+5334	proteomics_stat	3644829	3644897	+	3	67	R.VAVVGAGYIAVELAGVINGLGAK.T	27
PSTAT+5335	proteomics_stat	3644934	3645017	+	3	27	R.SFDPMISETLVEVMNAEGPQLHTNAIPK.A	32
PSTAT+5336	proteomics_stat	3645111	3645155	+	3	2	R.EPANDNINLEAAGVK.T	19
PSTAT+5337	proteomics_stat	3645189	3645278	+	3	4	K.YQNTNIEGIYAVGDNTGAVELTPVAVAAGR.R	34
PSTAT+5338	proteomics_stat	3645294	3645401	+	3	7	R.LFNKPKDEHLDYSNIPTVVFSHPPIGTVGLTEPQAR.E	40
PSTAT+5339	proteomics_stat	3645402	3645428	+	3	3	R.EQYGDDQVK.V	13
PSTAT+5340	proteomics_stat	3645438	3645479	+	3	2	K.SSFTAMYTAVTTHR.Q	18
PSTAT+5341	proteomics_stat	3645584	3645610	+	2	2	G.GAEDGGNQK.R	13
PSTAT+5342	proteomics_stat	3645609	3645671	+	3	4	K.KDFDNTVAIHPTAAEEFVTMR.-	25
PSTAT+5343	proteomics_stat	3645612	3645671	+	3	2	K.DFDNTVAIHPTAAEEFVTMR.-	24
PSTAT+5344	proteomics_stat	3648263	3648307	+	2	2	M.SNITIYHNPACGTSR.N	19
PSTAT+5345	proteomics_stat	3648263	3648307	+	2	2	M.SNITIYHNPACGTSR.N	19
PSTAT+5346	proteomics_stat	3648440	3648499	+	2	2	R.KNVEPYEELGLAEDKFTDDR.L	24
PSTAT+5347	proteomics_stat	3648623	3648673	+	2	2	K.GAFSKEDGEKVVDEAGK.R	21
PSTAT+5348	proteomics_stat	3648638	3648676	+	2	2	K.EDGEKVVDEAGKR.L	17
PSTAT+5349	proteomics_stat	3652092	3652145	+	3	22	K.SFVAVHNQPGLYVGQQR.F	22
PSTAT+5350	proteomics_stat	3652095	3652145	+	3	2	S.FVAVHNQPGLYVGQQR.F	21
PSTAT+5351	proteomics_stat	3652158	3652181	+	3	3	K.VINVIK.T	12
PSTAT+5352	proteomics_stat	3652182	3652262	+	3	26	K.TDTLLEISVLPDLSYAKPDIEANYQGR.L	31
PSTAT+5353	proteomics_stat	3652275	3652307	+	3	2	R.QSGFLDPVNYR.N	15
PSTAT+5354	proteomics_stat	3652308	3652367	+	3	11	R.NHFVTILGTIQGEQPGFINK.V	24
PSTAT+5355	proteomics_stat	3656359	3656409	+	1	4	I.FETITAKEQVMIFLMTK.D	21
PSTAT+5356	proteomics_stat	3657684	3657725	+	3	2	R.TQLNEAEANVTVAK.A	18
PSTAT+5357	proteomics_stat	3657867	3657917	+	3	5	R.LDPIYVDLTQSVQDFLR.M	21
PSTAT+5358	proteomics_stat	3657918	3657950	+	3	6	R.MKEEVASGQIK.Q	15
PSTAT+5359	proteomics_stat	3657951	3658001	+	3	5	K.QVQGSTPVQLNLENGKR.Y	21
PSTAT+5360	proteomics_stat	3658074	3658148	+	3	3	R.AIFPNPNGDLLPGMYVTALVDEGSR.Q	29
PSTAT+5361	proteomics_stat	3658149	3658202	+	3	2	R.QNVLLVPQEGVTHNAQGK.A	22
PSTAT+5362	proteomics_stat	3658203	3658247	+	3	3	K.ATALILDKDDVVQLR.E	19
PSTAT+5363	proteomics_stat	3658365	3658409	+	3	3	R.AISSSQENASTESKQ.-	19
PSTAT+5364	proteomics_stat	3658365	3658406	+	3	2	R.AISSSQENASTESK.Q	18
PSTAT+5365	proteomics_stat	3659277	3659312	+	3	2	R.YNGKPAAGIAIK.L	16
PSTAT+5366	proteomics_stat	3659997	3660026	+	3	4	K.STQHYTDSTR.S	14
PSTAT+5367	proteomics_stat	3665853	3665897	+	3	2	V.QTVQESYDIIHILLR.Q	19
PSTAT+5368	proteomics_stat	3667992	3668048	+	3	4	G.PAKFPERAYRPAVAGANPR.T	23
PSTAT+5369	proteomics_stat	3677691	3677735	+	3	3	R.LPGLYIETDSTGER.T	19
PSTAT+5370	proteomics_stat	3678129	3678191	+	3	2	R.GADSCLVSIAGEGLVDVPAVK.L	25
PSTAT+5371	proteomics_stat	3678207	3678263	+	3	2	K.VIDTTAAGDSFSAGYLAVR.L	23
PSTAT+5372	proteomics_stat	3678261	3678296	+	3	2	V.RLTGGSAAEDAAK.R	16

PSTAT+5373	proteomics_stat	3678264	3678296	+	3	2	R.LTGGSAAEDAAK.R	15
PSTAT+5374	proteomics_stat	3697671	3697745	+	3	2	K.APHQGAPIVIEQPSSFLAISDLVVR.V	29
PSTAT+5375	proteomics_stat	3707924	3707974	+	2	2	K.STPVALSTFFCWISSKR.I	21
PSTAT+5376	proteomics_stat	3714672	3714737	+	3	4	K.SAIGAGLGLVVGAGIGALSSSK.K	26
PSTAT+5377	proteomics_stat	3715074	3715124	+	3	2	R.ADSVASALITQGVDSR.I	21
PSTAT+5378	proteomics_stat	3715131	3715187	+	3	3	R.TQGLGPANPIASNSTAEGK.A	23
PSTAT+5379	proteomics_stat	3715537	3715596	+	1	3	R.ATSTISVGYDNFVDALTAR.K	24
PSTAT+5380	proteomics_stat	3715711	3715770	+	1	3	K.AGEWTASIGPDWYGTDVHHK.T	24
PSTAT+5381	proteomics_stat	3715774	3715797	+	1	3	T.LGIVGMGR.I	12
PSTAT+5382	proteomics_stat	3715798	3715821	+	1	2	R.IGMALAQR.A	12
PSTAT+5383	proteomics_stat	3715822	3715863	+	1	22	R.AHFGFNMPILYNAR.R	18
PSTAT+5384	proteomics_stat	3716014	3716043	+	1	4	K.SSAIFINAGR.G	14
PSTAT+5385	proteomics_stat	3716044	3716088	+	1	3	R.GPVVDENALIAALQK.G	19
PSTAT+5386	proteomics_stat	3716089	3716214	+	1	9	K.GEIIHAAGLDVFEQEPLSVDSPLLSMANVVAVPHIGSATHETR.Y	46
PSTAT+5387	proteomics_stat	3716089	3716187	+	1	2	K.GEIIHAAGLDVFEQEPLSVDSPLLSMANVVAVPH.I	37
PSTAT+5388	proteomics_stat	3716188	3716268	+	1	2	H.IGSATHETRYGMAACAVDNLIDALQ GK.V	31
PSTAT+5389	proteomics_stat	3716215	3716268	+	1	15	R.YGMAACAVDNLIDALQ GK.V	22
PSTAT+5390	proteomics_stat	3716278	3716304	+	1	2	K.NCVNPHVAD.-	13
PSTAT+5391	proteomics_stat	3726315	3726404	+	3	3	Q.FIGAMLMSQTKENPLRLGIIVWRTLAKIR.Q	34
PSTAT+5392	proteomics_stat	3729700	3729750	+	1	2	K.VVGDQWVDGWLPENALK.I	21
PSTAT+5393	proteomics_stat	3729787	3729867	+	1	2	K.IDAVVASNDATAGGAIQALSAQGLSGK.V	31
PSTAT+5394	proteomics_stat	3729868	3729912	+	1	2	K.VAISGQDADLAGIKR.I	19
PSTAT+5395	proteomics_stat	3729913	3730017	+	1	11	R.IAAGTQTMVYKPIITLLANTAAEIAVELGNGQEPK.A	39
PSTAT+5396	proteomics_stat	3730018	3730062	+	1	3	K.ADTTLNNGLKDVPSR.L	19
PSTAT+5397	proteomics_stat	3737764	3737811	+	1	9	R.HSGITLLMEDLNDGLR.T	20
PSTAT+5398	proteomics_stat	3738628	3738666	+	1	5	R.LSETVIKPFYYQR.V	17
PSTAT+5399	proteomics_stat	3738892	3738936	+	1	2	R.MNYVPEPEKIEAGVK.I	19
PSTAT+5400	proteomics_stat	3770244	3770327	+	3	10	T.LTKNLGLPACATANIRRGVFMSSDIKIK.V	32
PSTAT+5401	proteomics_stat	3771381	3771437	+	3	3	S.KGASPLSAGDVTNDLSHVR.K	23
PSTAT+5402	proteomics_stat	3771384	3771437	+	3	5	K.GASPLSAGDVTNDLSHVR.K	22
PSTAT+5403	proteomics_stat	3771441	3771500	+	3	2	K.IIVACDAGMGSSAMGAGVLR.K	24
PSTAT+5404	proteomics_stat	3771507	3771596	+	3	4	K.IQDAGLSQISVTNSAINNLPDVLVITHR.D	34
PSTAT+5405	proteomics_stat	3771621	3771695	+	3	27	R.QVPQAQHISLTNFDLSGLYTSALTER.L	29
PSTAT+5406	proteomics_stat	3771735	3771788	+	3	7	K.VKDSLKDSFDDSSANLFK.L	22
PSTAT+5407	proteomics_stat	3771741	3771788	+	3	3	K.DSLKDSFDDSSANLFK.L	20
PSTAT+5408	proteomics_stat	3771753	3771788	+	3	5	K.DSFDDSSANLFK.L	16
PSTAT+5409	proteomics_stat	3771789	3771818	+	3	2	K.LGAENIFLGR.K	14
PSTAT+5410	proteomics_stat	3771873	3771917	+	3	2	K.GGYVEPEYVQAMLDLDR.E	19
PSTAT+5411	proteomics_stat	3771918	3771983	+	3	2	R.EKLTPTYLGESIAVPHGTVEAK.D	26
PSTAT+5412	proteomics_stat	3771924	3771983	+	3	7	K.LTPTYLGESIAVPHGTVEAK.D	24
PSTAT+5413	proteomics_stat	3771999	3772037	+	3	5	K.TGVVFCQYPEGVR.F	17
PSTAT+5414	proteomics_stat	3772038	3772067	+	3	5	R.FGEEEDDIAR.L	14
PSTAT+5415	proteomics_stat	3772092	3772160	+	3	17	R.NNEHIQVITSLTNALDDESVIER.L	27
PSTAT+5416	proteomics_stat	3772161	3772214	+	3	16	R.LAHTTSVDEVLELLAGR.K.-	22
PSTAT+5417	proteomics_stat	3772161	3772211	+	3	13	R.LAHTTSVDEVLELLAGR.K	21
PSTAT+5418	proteomics_stat	3772501	3772575	+	1	42	K.LLADAGIQLTFADVNQVLDALNAR.H	29

PSTAT+5419	proteomics_stat	3772768	3772821	+	1	4	K.EQGNESPLNIIACENMVR.G	22
PSTAT+5420	proteomics_stat	3772840	3772875	+	1	12	K.GHVMNALPEDAK.A	16
PSTAT+5421	proteomics_stat	3772876	3772923	+	1	9	K.AWVEEHVGFVDSAVDR.I	20
PSTAT+5422	proteomics_stat	3772879	3772923	+	1	2	A.WVEEHVGFVDSAVDR.I	19
PSTAT+5423	proteomics_stat	3772924	3773004	+	1	67	R.IVPPSASATNDPLEVTVETFSEWIVDK.T	31
PSTAT+5424	proteomics_stat	3772924	3772956	+	1	2	R.IVPPSASATND.P	15
PSTAT+5425	proteomics_stat	3773017	3773079	+	1	19	K.GALPNIPGMELTDNLMAFVER.K	25
PSTAT+5426	proteomics_stat	3773080	3773130	+	1	6	R.KLFTLNTGHAITAYLGK.L	21
PSTAT+5427	proteomics_stat	3773083	3773130	+	1	9	K.LFTLNTGHAITAYLGK.L	20
PSTAT+5428	proteomics_stat	3773086	3773130	+	1	2	L.FTLNTGHAITAYLGK.L	19
PSTAT+5429	proteomics_stat	3773194	3773232	+	1	3	K.GAMEESGAVLIKR.Y	17
PSTAT+5430	proteomics_stat	3773233	3773274	+	1	6	R.YGFDADKHAAYIQK.I	18
PSTAT+5431	proteomics_stat	3773287	3773322	+	1	4	R.FENPYLKDDVER.V	16
PSTAT+5432	proteomics_stat	3773365	3773412	+	1	20	R.LIKPLLTLEYGLPHK.N	20
PSTAT+5433	proteomics_stat	3773413	3773451	+	1	10	K.NLIEGIAAAMHFR.S	17
PSTAT+5434	proteomics_stat	3773452	3773583	+	1	5	R.SEDDPQAQELAALIADKGPQAALAQISGLDANSEVVSEAVTAYK.A	48
PSTAT+5435	proteomics_stat	3774688	3774720	+	1	3	H.MKEVEKNEIKR.L	15
PSTAT+5436	proteomics_stat	3774748	3774813	+	1	9	R.HQQADLSLVEAADKYAELEKEK.A	26
PSTAT+5437	proteomics_stat	3774748	3774807	+	1	7	R.HQQADLSLVEAADKYAELEK.E	24
PSTAT+5438	proteomics_stat	3774964	3775002	+	1	3	R.GLVVHPMTALGR.E	17
PSTAT+5439	proteomics_stat	3778009	3778053	+	1	4	K.NMSDLSLETTLFNEK.L	19
PSTAT+5440	proteomics_stat	3778054	3778107	+	1	2	K.LSMPVALAPVGLCGMYAR.R	22
PSTAT+5441	proteomics_stat	3778132	3778212	+	1	4	K.AADAHGIPFTLSTVSVCPIEEVAPAIAK.R	31
PSTAT+5442	proteomics_stat	3778285	3778341	+	1	2	K.AAGCSTLVFTVDMPTPGAR.Y	23
PSTAT+5443	proteomics_stat	3778348	3778389	+	1	6	R.DAHSGMSGPNAAMR.R	18
PSTAT+5444	proteomics_stat	3778642	3778683	+	1	10	R.FGADGIVVSNHGGR.Q	18
PSTAT+5445	proteomics_stat	3778645	3778683	+	1	2	F.GADGIVVSNHGGR.Q	17
PSTAT+5446	proteomics_stat	3778684	3778713	+	1	2	R.QLDGVLSAR.A	14
PSTAT+5447	proteomics_stat	3778840	3778908	+	1	7	R.AFLYALATAGQAGVANLLNLIK.E	27
PSTAT+5448	proteomics_stat	3778945	3778992	+	1	4	K.SISEITQDSLVLQGLGK.E	20
PSTAT+5449	proteomics_stat	3779376	3779414	+	3	3	R.AGLDYHEFTAVTR.H	17
PSTAT+5450	proteomics_stat	3783298	3783339	+	1	2	K.KPMVLVILDGYGYR.E	18
PSTAT+5451	proteomics_stat	3783298	3783375	+	1	8	K.KPMVLVILDGYGYREEQQDNAIFSAK.T	30
PSTAT+5452	proteomics_stat	3783376	3783459	+	1	20	K.TPVMDALWANRPHTLIDASGLEVGLPDR.Q	32
PSTAT+5453	proteomics_stat	3783460	3783507	+	1	8	R.QMGNSEVGHVNLGAGR.I	20
PSTAT+5454	proteomics_stat	3783532	3783555	+	1	4	R.LDVEIKDR.A	12
PSTAT+5455	proteomics_stat	3783556	3783597	+	1	4	R.AFFANPVLTGAVDK.A	18
PSTAT+5456	proteomics_stat	3783718	3783747	+	1	3	K.IYLHAFLDGR.D	14
PSTAT+5457	proteomics_stat	3783889	3783969	+	1	44	K.AYDLLTLAQGEFQADTAVAGLQAAYAR.D	31
PSTAT+5458	proteomics_stat	3783970	3783993	+	1	7	R.DENDEFVK.A	12
PSTAT+5459	proteomics_stat	3784009	3784071	+	1	6	R.AEQQPDAAMEDGDALIFMNFRA	25
PSTAT+5460	proteomics_stat	3784141	3784191	+	1	71	K.VVNVDFVMLTEYAADIK.T	21
PSTAT+5461	proteomics_stat	3784192	3784251	+	1	17	K.TAVAYPPASLVNTFGEWMAK.N	24
PSTAT+5462	proteomics_stat	3784375	3784428	+	1	7	K.VATYDLQPEMSSAELTEK.L	22
PSTAT+5463	proteomics_stat	3784447	3784530	+	1	11	K.SGKYDTIICNYPNGDMVGHTGVMEAAVK.A	32
PSTAT+5464	proteomics_stat	3784531	3784572	+	1	7	K.AVEALDHCVEEVAK.A	18

PSTAT+5465	proteomics_stat	3784738	3784824	+	1	5	K.LSDIAPTMLSLMGMEIPQEMTGKPLFIVE.-	33
PSTAT+5466	proteomics_stat	3785104	3785142	+	1	5	K.LRETQNTLNQLNK.Q	17
PSTAT+5467	proteomics_stat	3785491	3785550	+	1	2	K.TLAGLESSIQGQQQLSELR.A	24
PSTAT+5468	proteomics_stat	3786397	3786438	+	1	2	K.NTLRPEMSSDEIER.I	18
PSTAT+5469	proteomics_stat	3786823	3786873	+	1	2	K.ASSLLNEPQVDTSTPPK.N	21
PSTAT+5470	proteomics_stat	3792010	3792060	+	1	14	V.MIIVTGGAGFIGSNIVK.A	21
PSTAT+5471	proteomics_stat	3792061	3792111	+	1	2	K.ALNDKGITDILVVDNLK.D	21
PSTAT+5472	proteomics_stat	3792061	3792123	+	1	2	K.ALNDKGITDILVVDNLKDGTK.F	25
PSTAT+5473	proteomics_stat	3792076	3792123	+	1	6	K.GITDILVVDNLKDGTK.F	20
PSTAT+5474	proteomics_stat	3792271	3792303	+	1	2	K.YMMDNNYQYSK.E	15
PSTAT+5475	proteomics_stat	3792304	3792330	+	1	10	K.ELLHYCLER.E	13
PSTAT+5476	proteomics_stat	3792331	3792378	+	1	5	R.EIPFLYASSAATYGGR.T	20
PSTAT+5477	proteomics_stat	3792403	3792441	+	1	8	R.EYEKPLNVYGYSK.F	17
PSTAT+5478	proteomics_stat	3792466	3792507	+	1	4	R.QILPEANSQIVGFR.Y	18
PSTAT+5479	proteomics_stat	3792508	3792531	+	1	3	R.YFNVYGPR.E	12
PSTAT+5480	proteomics_stat	3792544	3792606	+	1	10	K.GSMASVAFHLNTQLNNGESPK.L	25
PSTAT+5481	proteomics_stat	3792607	3792636	+	1	3	K.LFEGSENFKR.D	14
PSTAT+5482	proteomics_stat	3792727	3792774	+	1	8	R.AESFQAVADATLAYHK.K	20
PSTAT+5483	proteomics_stat	3792727	3792777	+	1	16	R.AESFQAVADATLAYHKK.G	21
PSTAT+5484	proteomics_stat	3792778	3792816	+	1	6	K.GQIEYIPFPDKLK.G	17
PSTAT+5485	proteomics_stat	3792817	3792861	+	1	4	K.GRYQAFQADLTNLR.A	19
PSTAT+5486	proteomics_stat	3792823	3792861	+	1	4	R.YQAFQADLTNLR.A	17
PSTAT+5487	proteomics_stat	3792862	3792888	+	1	8	R.AAGYDKPFK.T	13
PSTAT+5488	proteomics_stat	3792889	3792933	+	1	11	K.TVAEGVTEYMAWLNLR.D	19
PSTAT+5489	proteomics_stat	3792892	3792933	+	1	3	T.VAEGVTEYMAWLNLR.D	18
PSTAT+5490	proteomics_stat	3793093	3793158	+	1	4	R.MPEVNEAIPMPLGHGALEIGER.R	26
PSTAT+5491	proteomics_stat	3793741	3793854	+	1	2	K.AIVTNDSSGLMHVAAALNRPLVALYGPSSPDTFPPLSHK.A	42
PSTAT+5492	proteomics_stat	3793897	3793953	+	1	3	R.KGDAAEGYHQSLIDITPQR.V	23
PSTAT+5493	proteomics_stat	3795907	3795945	+	1	2	R.AESMNLVAEHNLR.L	17
PSTAT+5494	proteomics_stat	3807556	3807630	+	1	2	R.GGHNPLEAAAHAIPVLMGPHTFNFK.D	29
PSTAT+5495	proteomics_stat	3807646	3807699	+	1	2	R.LEQASGLITVTDATTLAK.E	22
PSTAT+5496	proteomics_stat	3807751	3807795	+	1	4	R.HAVEVLYQNQGALQR.L	19
PSTAT+5497	proteomics_stat	3807920	3807973	+	2	2	R.ATQMFHDHILAIASPDK.K	22
PSTAT+5498	proteomics_stat	3808169	3808213	+	2	5	R.HLMPELESVFLMPDK.E	19
PSTAT+5499	proteomics_stat	3808259	3808318	+	2	6	R.HQGDVTHFLPENVHQALMAK.L	24
PSTAT+5500	proteomics_stat	3811144	3811185	+	1	3	R.AAATQHNLEVLASR.G	18
PSTAT+5501	proteomics_stat	3811249	3811314	+	1	5	R.MLDPLTIVDMAVAHFSPVNDLK.H	26
PSTAT+5502	proteomics_stat	3811315	3811371	+	1	2	K.HLNIMITAGPTRELPDVR.Y	23
PSTAT+5503	proteomics_stat	3811432	3811494	+	1	9	R.RGANVTLVSGPVSPLTPPFVK.R	25
PSTAT+5504	proteomics_stat	3811435	3811494	+	1	2	R.GANVTLVSGPVSPLTPPFVK.R	24
PSTAT+5505	proteomics_stat	3811663	3811707	+	1	2	K.MVKNPDIVAGVAALK.D	19
PSTAT+5506	proteomics_stat	3811906	3811962	+	1	2	R.KELLGQLLLDEIVTRYDEK.N	23
PSTAT+5507	proteomics_stat	3811906	3811950	+	1	7	R.KELLGQLLLDEIVTR.Y	19
PSTAT+5508	proteomics_stat	3811909	3811950	+	1	3	K.ELLGQLLLDEIVTR.Y	18
PSTAT+5509	proteomics_stat	3811991	3812053	+	2	3	R.VGKEFPLPTYATSGSAGLDLR.A	25
PSTAT+5510	proteomics_stat	3812000	3812053	+	2	6	K.EFPLPTYATSGSAGLDLR.A	22

PSTAT+5511	proteomics_stat	3812054	3812164	+	2	5	R.ACLNDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR.S	41
PSTAT+5512	proteomics_stat	3812264	3812299	+	2	2	R.GQDSFTTIQPGER.I	16
PSTAT+5513	proteomics_stat	3812553	3812609	+	3	4	R.EEILQSLALMLESSDGSQR.I	23
PSTAT+5514	proteomics_stat	3814900	3814947	+	1	2	R.YEPDVSAQGELILNEK.L	20
PSTAT+5515	proteomics_stat	3814987	3815031	+	1	3	K.MQSDEGEINPVDILR.W	19
PSTAT+5516	proteomics_stat	3815212	3815244	+	1	9	R.SHMPEILQWQR.E	15
PSTAT+5517	proteomics_stat	3815263	3815298	+	1	3	K.LEDAQVQLENNR.L	16
PSTAT+5518	proteomics_stat	3815263	3815331	+	1	2	K.LEDAQVQLENNRLEQELVLLAQR.I	27
PSTAT+5519	proteomics_stat	3815332	3815376	+	1	7	R.IDVAEELDRLEAHVK.E	19
PSTAT+5520	proteomics_stat	3815419	3815451	+	1	4	R.RLDFMMQEFNR.E	15
PSTAT+5521	proteomics_stat	3815476	3815517	+	1	2	K.SINA EVTNSAIELK.V	18
PSTAT+5522	proteomics_stat	3817083	3817157	+	3	2	P.EYVIVATAAVALTTIVAPVMPYLRK.V	29
PSTAT+5523	proteomics_stat	3819454	3819501	+	1	2	M.AQGTLIVSAPSGAGK.S	20
PSTAT+5524	proteomics_stat	3819529	3819576	+	1	5	K.TQPLYDTQVSVSHTRR.Q	20
PSTAT+5525	proteomics_stat	3819859	3819894	+	1	2	R.GRGQDSEEVIAK.R	16
PSTAT+5526	proteomics_stat	3819865	3819897	+	1	2	R.GQDSEEVIAK.R	15
PSTAT+5527	proteomics_stat	3819865	3819894	+	1	2	R.GQDSEEVIAK.R	14
PSTAT+5528	proteomics_stat	3819898	3819990	+	1	4	R.MAQAVAEMSHYAEYDYLIVNDDFDALTDLK.T	35
PSTAT+5529	proteomics_stat	3820039	3820059	+	1	3	R.HDALISK.L	11
PSTAT+5530	proteomics_stat	3820165	3820203	+	1	4	K.IGNRFDLVVAAR.R	17
PSTAT+5531	proteomics_stat	3820213	3820284	+	1	10	R.QMQVGGKDPVPEENDKTTVIALR.E	28
PSTAT+5532	proteomics_stat	3820213	3820263	+	1	2	R.QMQVGGKDPVPEENDK.T	21
PSTAT+5533	proteomics_stat	3820285	3820329	+	1	5	R.EIEEGLINNQILDVR.E	19
PSTAT+5534	proteomics_stat	3820330	3820401	+	1	2	R.ERQEQEQEAAELQAVTAIAEGRR.-	28
PSTAT+5535	proteomics_stat	3820330	3820398	+	1	9	R.ERQEQEQEAAELQAVTAIAEGR.R	27
PSTAT+5536	proteomics_stat	3820336	3820398	+	1	4	R.QEQEQEAAELQAVTAIAEGR.R	25
PSTAT+5537	proteomics_stat	3820759	3820785	+	1	2	K.EAQAENFRK.M	13
PSTAT+5538	proteomics_stat	3821320	3821391	+	1	7	K.ANGYQSLHTSMIGPHGVPVEVQIR.T	28
PSTAT+5539	proteomics_stat	3821449	3821484	+	1	2	K.EHGETSTTAQIR.A	16
PSTAT+5540	proteomics_stat	3821563	3821610	+	1	2	K.SDLFPDEIYVFTPEGR.I	20
PSTAT+5541	proteomics_stat	3821857	3821883	+	1	2	K.RDDSVSLGR.R	13
PSTAT+5542	proteomics_stat	3821917	3821952	+	1	4	R.KLNEIPQENIQR.E	16
PSTAT+5543	proteomics_stat	3822193	3822222	+	1	2	K.GLVIIHESCR.N	14
PSTAT+5544	proteomics_stat	3822313	3822417	+	1	2	K.VEMFNHQGALANLTAINTTTSNIQSLNTEEKDGR.V	39
PSTAT+5545	proteomics_stat	3822652	3822705	+	1	2	R.TADAVGVHEVHAVWPGSR.M	22
PSTAT+5546	proteomics_stat	3823245	3823304	+	3	3	R.LLDAVPLSSLTGVAALSNK.L	24
PSTAT+5547	proteomics_stat	3823635	3823709	+	3	2	R.VQGDLSTPELQETLTPVYPTTEGVK.Q	29
PSTAT+5548	proteomics_stat	3827553	3827609	+	3	2	A.PKNLLLAVVLLALILLNR.Q	23
PSTAT+5549	proteomics_stat	3828207	3828278	+	3	2	A.LSLAVGLGVSQQPLILQFAPEWLK.N	28
PSTAT+5550	proteomics_stat	3828645	3828692	+	3	5	R.FSAPSHIVLENVTFGR.D	20
PSTAT+5551	proteomics_stat	3828693	3828722	+	3	4	R.DGQPATLVAK.S	14
PSTAT+5552	proteomics_stat	3828768	3828848	+	3	2	R.HVDTILLENGTLNLTDQTAPLPFKADR.L	31
PSTAT+5553	proteomics_stat	3828768	3828839	+	3	2	R.HVDTILLENGTLNLTDQTAPLPFK.A	28
PSTAT+5554	proteomics_stat	3829266	3829313	+	3	4	R.LQGPDWAVTDLDLSLR.N	20
PSTAT+5555	proteomics_stat	3829521	3829574	+	3	2	K.TLILDDAAIAGLEYTLPK.N	22
PSTAT+5556	proteomics_stat	3829815	3829886	+	3	10	R.RPSLALTANSSTVNISELFAFTEK.G	28

PSTAT+5557	proteomics_stat	3878561	3878611	+	2	2	F.CLFLPAALERESQRKLR.E	21
PSTAT+5558	proteomics_stat	3882368	3882394	+	2	2	R.TFQPSVLKR.N	13
PSTAT+5559	proteomics_stat	3882549	3882596	+	3	3	R.LLTPSQFTFVQQPQR.A	20
PSTAT+5560	proteomics_stat	3882786	3882812	+	3	2	K.KGVADLDNR.A	13
PSTAT+5561	proteomics_stat	3883366	3883449	+	1	7	K.ELNSTQPFQLETSPPQFIYQAQSGLTGR.D	32
PSTAT+5562	proteomics_stat	3883450	3883503	+	1	5	R.DGPDNPANGPRPLYNVEK.D	22
PSTAT+5563	proteomics_stat	3883450	3883482	+	1	3	R.DGPDNPANGPR.P	15
PSTAT+5564	proteomics_stat	3883504	3883587	+	1	76	K.DAYVLAEGQNELQVPMTYTDAAGNTFTK.T	32
PSTAT+5565	proteomics_stat	3883519	3883587	+	1	2	L.AEQNELQVPMTYTDAAGNTFTK.T	27
PSTAT+5566	proteomics_stat	3883546	3883587	+	1	3	V.PMTYTDAAGNTFTK.T	18
PSTAT+5567	proteomics_stat	3883603	3883689	+	1	15	K.RGDYAVNVNYNVQNAGEKPLEISSFGQLK.Q	33
PSTAT+5568	proteomics_stat	3883606	3883689	+	1	2	R.GDYAVNVNYNVQNAGEKPLEISSFGQLK.Q	32
PSTAT+5569	proteomics_stat	3883690	3883755	+	1	9	K.QSITLPPHLDTGSSNFALHTFR.G	26
PSTAT+5570	proteomics_stat	3883756	3883794	+	1	6	R.GAAYSTPDEKEYE.Y	17
PSTAT+5571	proteomics_stat	3883795	3883845	+	1	9	K.YKFDTIADNENLNISSEK.G	21
PSTAT+5572	proteomics_stat	3883966	3884046	+	1	8	K.SQPVLVQPGQTGAMNSTLWVGPEIQDK.M	31
PSTAT+5573	proteomics_stat	3884308	3884337	+	1	2	R.ISQEMMALYK.A	14
PSTAT+5574	proteomics_stat	3885163	3885192	+	1	2	R.IARPGEFSER.A	14
PSTAT+5575	proteomics_stat	3885193	3885276	+	1	6	R.AFLNDKLDLAQAEAIADLIDASSEQAAR.S	32
PSTAT+5576	proteomics_stat	3885316	3885351	+	1	5	R.VNHLVEALTHLR.I	16
PSTAT+5577	proteomics_stat	3885820	3885852	+	1	2	R.LPAKLPTIVVR.N	15
PSTAT+5578	proteomics_stat	3886123	3886185	+	1	2	R.LAQQNLSEITGFTSDDLGR.I	25
PSTAT+5579	proteomics_stat	3887851	3887913	+	1	2	K.LLPHIPADQFPAQALACELYK.V	25
PSTAT+5580	proteomics_stat	3892723	3892749	+	1	2	K.GSFNGMVAR.T	13
PSTAT+5581	proteomics_stat	3892762	3892887	+	1	3	K.IAPASMEVNALPSIADIPLYDADVQQEEGFPATVEALAEQIR.Q	46
PSTAT+5582	proteomics_stat	3892813	3892887	+	1	2	I.PLYDADVQQEEGFPATVEALAEQIR.Q	29
PSTAT+5583	proteomics_stat	3892975	3893049	+	1	9	R.LPDQPLAGKPVLIQTSSMGVIGGAR.C	29
PSTAT+5584	proteomics_stat	3893140	3893229	+	1	22	K.VDPQTGEVIDQGTLDHLTGQLTAFGEFIQR.V	34
PSTAT+5585	proteomics_stat	3906695	3906790	+	2	2	R.KLKDRHRQVGDRLHHVRAPELVGERGKQRRG.F	36
PSTAT+5586	proteomics_stat	3931425	3931478	+	3	3	R.LGHTDTLVVCDAGLPIPK.S	22
PSTAT+5587	proteomics_stat	3931680	3931703	+	3	3	R.YTTHEQFK.Q	12
PSTAT+5588	proteomics_stat	3932023	3932112	+	1	2	K.SSQEAGIGIIHQELNLIPQLTIAENIFLGR.E	34
PSTAT+5589	proteomics_stat	3932521	3932571	+	1	2	R.KLEDQYPHLDKAPGDIR.L	21
PSTAT+5590	proteomics_stat	3932521	3932553	+	1	3	R.KLEDQYPHLDK.A	15
PSTAT+5591	proteomics_stat	3932713	3932757	+	1	2	R.TSGYVTLDGHEVVTR.S	19
PSTAT+5592	proteomics_stat	3932956	3933009	+	1	4	K.TPSMEQAIGLLSGGNQQK.V	22
PSTAT+5593	proteomics_stat	3934376	3934435	+	2	15	A.KDTIALVVSTLNNPFFVSLK.D	24
PSTAT+5594	proteomics_stat	3934376	3934450	+	2	3	A.KDTIALVVSTLNNPFFVSLKDGAQK.E	29
PSTAT+5595	proteomics_stat	3934451	3934510	+	2	6	K.EADKLGYNLVVLD SQNNPAK.E	24
PSTAT+5596	proteomics_stat	3934463	3934510	+	2	2	K.LGYNLVVLDSQNNPAK.E	20
PSTAT+5597	proteomics_stat	3934511	3934543	+	2	2	K.ELANVQDLTVR.G	15
PSTAT+5598	proteomics_stat	3934553	3934603	+	2	7	K.ILLINPTDSDAVGNAVK.M	21
PSTAT+5599	proteomics_stat	3934604	3934645	+	2	3	K.MANQANIPVITLDR.Q	18
PSTAT+5600	proteomics_stat	3934646	3934705	+	2	12	R.QATKGEVVSHIASDNVLGGK.I	24
PSTAT+5601	proteomics_stat	3934658	3934705	+	2	11	K.GEVVSHIASDNVLGGK.I	20
PSTAT+5602	proteomics_stat	3934706	3934732	+	2	2	K.IAGDYIAKK.A	13

PSTAT+5603	proteomics_stat	3934706	3934729	+	2	2	K.IAGDYIAK.K	12
PSTAT+5604	proteomics_stat	3934709	3934732	+	2	2	I.AGDYIAKK.A	12
PSTAT+5605	proteomics_stat	3934751	3934792	+	2	3	K.VIELQGIAGTSAAR.E	18
PSTAT+5606	proteomics_stat	3934793	3934834	+	2	2	R.EREGGFQQAFAAHK.F	18
PSTAT+5607	proteomics_stat	3934799	3934834	+	2	8	R.GEGFQQAFAAHK.F	16
PSTAT+5608	proteomics_stat	3934835	3934873	+	2	2	K.FNVLASQPADFDR.I	17
PSTAT+5609	proteomics_stat	3934994	3935041	+	2	7	K.SDVMVVGFDGTPDGEK.A	20
PSTAT+5610	proteomics_stat	3935060	3935104	+	2	3	K.LAATIAQLPDQIGAK.G	19
PSTAT+5611	proteomics_stat	3935539	3935589	+	1	3	R.QQLATDNIDITPVSIVK.G	21
PSTAT+5612	proteomics_stat	3935710	3935778	+	1	10	R.IANASALLMQLESPLESVMAAAK.I	27
PSTAT+5613	proteomics_stat	3935830	3935910	+	1	5	R.ELPDELLALVDIITPNETEAEKLTGIR.V	31
PSTAT+5614	proteomics_stat	3935911	3936006	+	1	3	R.VENDEDAAKAAQVLHEKGIRTVLITLGSRGVW.A	36
PSTAT+5615	proteomics_stat	3935938	3935961	+	1	11	K.AAQVLHEK.G	12
PSTAT+5616	proteomics_stat	3935998	3936033	+	1	2	R.GVWASVNGEGQR.V	16
PSTAT+5617	proteomics_stat	3946178	3946198	+	2	7	R.HGDFTIK.E	11
PSTAT+5618	proteomics_stat	3946220	3946255	+	2	15	R.HGYAFNELDLGK.R	16
PSTAT+5619	proteomics_stat	3946220	3946258	+	2	4	R.HGYAFNELDLGKR.E	17
PSTAT+5620	proteomics_stat	3946256	3946282	+	2	2	K.REPVTEEEK.L	13
PSTAT+5621	proteomics_stat	3946256	3946303	+	2	4	K.REPVTEEEKLFVAVCR.G	20
PSTAT+5622	proteomics_stat	3946304	3946336	+	2	10	R.GEREPVTEAER.V	15
PSTAT+5623	proteomics_stat	3946376	3946444	+	2	4	K.RFHTLSGGKQPVEGAEDYTDSD.-	27
PSTAT+5624	proteomics_stat	3946379	3946444	+	2	5	R.FHTLSGGKQPVEGAEDYTDSD.-	26
PSTAT+5625	proteomics_stat	3950519	3950557	+	2	9	K.KADYIWFNGEMVR.W	17
PSTAT+5626	proteomics_stat	3950591	3950629	+	2	7	H.ALHYGTSVFEGIR.C	17
PSTAT+5627	proteomics_stat	3950705	3950758	+	2	5	K.IYRFPVSQSIDELMEACR.D	22
PSTAT+5628	proteomics_stat	3950714	3950758	+	2	4	R.FPVSQSIDELMEACR.D	19
PSTAT+5629	proteomics_stat	3950954	3950986	+	2	2	R.AAPNTIPTAAK.A	15
PSTAT+5630	proteomics_stat	3950987	3951034	+	2	11	K.AGGNYLSSLLVGSEAR.R	20
PSTAT+5631	proteomics_stat	3951038	3951118	+	2	14	R.HGYQEGIALDVNGYISEGAGENLFEVK.D	31
PSTAT+5632	proteomics_stat	3951092	3951175	+	2	4	G.AGENLFEVKDGVLFPPFTSSALPGITR.D	32
PSTAT+5633	proteomics_stat	3951119	3951175	+	2	11	K.DGVLFPPFTSSALPGITR.D	23
PSTAT+5634	proteomics_stat	3951239	3951304	+	2	4	R.ESLYLADEVFMSGTAAEITPVR.S	26
PSTAT+5635	proteomics_stat	3951305	3951337	+	2	3	R.SVDGIQVGEGR.C	15
PSTAT+5636	proteomics_stat	3951311	3951337	+	2	2	V.DGIQVGEGR.C	13
PSTAT+5637	proteomics_stat	3951356	3951406	+	2	4	K.RIQQAFFGLFTGETEDK.W	21
PSTAT+5638	proteomics_stat	3951359	3951406	+	2	3	R.IQQAFFGLFTGETEDK.W	20
PSTAT+5639	proteomics_stat	3951675	3951716	+	3	4	K.LVAEQIEAAGGVAK.E	18
PSTAT+5640	proteomics_stat	3951906	3951956	+	3	2	R.LNIPIVFVSGGPMEAGK.T	21
PSTAT+5641	proteomics_stat	3952026	3952058	+	3	6	K.VSDSQSDQVER.S	15
PSTAT+5642	proteomics_stat	3952233	3952271	+	3	2	K.RYYEQNDESALPR.N	17
PSTAT+5643	proteomics_stat	3952236	3952271	+	3	2	R.YYEQNDESALPR.N	16
PSTAT+5644	proteomics_stat	3952542	3952592	+	3	3	R.DVKNVGLGLTLPQTLEQY.D	21
PSTAT+5645	proteomics_stat	3952551	3952625	+	3	5	K.NVLGLTLPQTLEQYDVMLTQDDAVK.N	29
PSTAT+5646	proteomics_stat	3952659	3952688	+	3	3	R.TTQAFSQDCR.W	14
PSTAT+5647	proteomics_stat	3952860	3952907	+	3	4	K.VYESQDDAVEAILGGK.V	20
PSTAT+5648	proteomics_stat	3952908	3952937	+	3	2	K.VVAGDVVVIR.Y	14

PSTAT+5649	proteomics_stat	3952953	3953000	+	3	6	K.GGPGMQEMLYPTSFLK.S	20
PSTAT+5650	proteomics_stat	3953163	3953204	+	3	2	R.GIQLQVSDAELAAR.R	18
PSTAT+5651	proteomics_stat	3953283	3953315	+	3	4	R.AYASLATSADK.G	15
PSTAT+5652	proteomics_stat	3953283	3953327	+	3	2	R.AYASLATSADKGAVR.D	19
PSTAT+5653	proteomics_stat	3953588	3953653	+	2	5	K.AHGVITASAGNHAQGVAFSSAR.L	26
PSTAT+5654	proteomics_stat	3953720	3953770	+	2	2	R.GFGGEVLLHGANFDEAK.A	21
PSTAT+5655	proteomics_stat	3953900	3953956	+	2	3	R.VFVPVGGGGLAAGVAVLK.Q	23
PSTAT+5656	proteomics_stat	3954017	3954055	+	2	3	K.AALDAGHPVDLPR.V	17
PSTAT+5657	proteomics_stat	3954200	3954244	+	2	2	R.AVAEPSGALALAGMK.K	19
PSTAT+5658	proteomics_stat	3954281	3954328	+	2	5	R.LAHILSGANVNFHGLR.Y	20
PSTAT+5659	proteomics_stat	3954533	3954601	+	2	2	K.EILQMLNDGGYSVVDLSDEMAK.L	27
PSTAT+5660	proteomics_stat	3954656	3954700	+	2	3	R.LYSFEFPESPGALLR.F	19
PSTAT+5661	proteomics_stat	3955996	3956025	+	1	10	M.ANYFNLTNLR.Q	14
PSTAT+5662	proteomics_stat	3955999	3956025	+	1	2	A.NYFNLTNLR.Q	13
PSTAT+5663	proteomics_stat	3956056	3956106	+	1	14	R.FMGRDEFADGASYLQGK.K	21
PSTAT+5664	proteomics_stat	3956056	3956109	+	1	7	R.FMGRDEFADGASYLQGKK.V	22
PSTAT+5665	proteomics_stat	3956059	3956106	+	1	4	F.MGRDEFADGASYLQGK.K	20
PSTAT+5666	proteomics_stat	3956062	3956106	+	1	4	M.GRDEFADGASYLQGK.K	19
PSTAT+5667	proteomics_stat	3956068	3956106	+	1	28	R.DEFADGASYLQGK.K	17
PSTAT+5668	proteomics_stat	3956068	3956109	+	1	5	R.DEFADGASYLQGKK.V	18
PSTAT+5669	proteomics_stat	3956107	3956163	+	1	22	K.KVVIVGCGAQGLNQGLNMR.D	23
PSTAT+5670	proteomics_stat	3956107	3956157	+	1	2	K.KVVIVGCGAQGLNQGLN.M	21
PSTAT+5671	proteomics_stat	3956110	3956163	+	1	26	K.VVIVGCGAQGLNQGLNMR.D	22
PSTAT+5672	proteomics_stat	3956113	3956163	+	1	3	V.VIVGCGAQGLNQGLNMR.D	21
PSTAT+5673	proteomics_stat	3956164	3956196	+	1	15	R.DSGLDISYALR.K	15
PSTAT+5674	proteomics_stat	3956164	3956199	+	1	7	R.DSGLDISYALRK.E	16
PSTAT+5675	proteomics_stat	3956257	3956340	+	1	40	K.VGTYEELIPQADLVINLTPDKQHSDVVR.T	32
PSTAT+5676	proteomics_stat	3956257	3956319	+	1	11	K.VGTYEELIPQADLVINLTPDK.Q	25
PSTAT+5677	proteomics_stat	3956281	3956340	+	1	3	I.PQADLVINLTPDKQHSDVVR.T	24
PSTAT+5678	proteomics_stat	3956362	3956424	+	1	17	K.DGAALGYSHGFNIVEVGEQIR.K	25
PSTAT+5679	proteomics_stat	3956362	3956427	+	1	100	K.DGAALGYSHGFNIVEVGEQIRK.D	26
PSTAT+5680	proteomics_stat	3956362	3956388	+	1	5	K.DGAALGYSH.G	13
PSTAT+5681	proteomics_stat	3956425	3956457	+	1	11	R.KDITVVMVAPK.C	15
PSTAT+5682	proteomics_stat	3956428	3956457	+	1	17	K.DITVVMVAPK.C	14
PSTAT+5683	proteomics_stat	3956458	3956490	+	1	4	K.CPGTEVREEYK.R	15
PSTAT+5684	proteomics_stat	3956494	3956568	+	1	18	R.GFGVPTLIAVHPENDPKGEGMAIAK.A	29
PSTAT+5685	proteomics_stat	3956494	3956544	+	1	8	R.GFGVPTLIAVHPENDPK.G	21
PSTAT+5686	proteomics_stat	3956494	3956538	+	1	2	R.GFGVPTLIAVHPEND.P	19
PSTAT+5687	proteomics_stat	3956569	3956598	+	1	6	K.AWAAATGGHR.A	14
PSTAT+5688	proteomics_stat	3956599	3956637	+	1	29	R.AGVLESSFVAEVK.S	17
PSTAT+5689	proteomics_stat	3956638	3956748	+	1	3	K.SDLMGEQTILCGMLQAGSLLCFDKLVEEGTDPAYAEK.L	41
PSTAT+5690	proteomics_stat	3956638	3956709	+	1	3	K.SDLMGEQTILCGMLQAGSLLCFDK.L	28
PSTAT+5691	proteomics_stat	3956710	3956748	+	1	26	K.LVEEGTDPAYAEK.L	17
PSTAT+5692	proteomics_stat	3956713	3956748	+	1	4	L.VEEGTDPAYAEK.L	16
PSTAT+5693	proteomics_stat	3956749	3956790	+	1	95	K.LIQFGWETITEALK.Q	18
PSTAT+5694	proteomics_stat	3956791	3956820	+	1	2	K.QGGITLMMDR.L	14

PSTAT+5695	proteomics_stat	3956839	3956871	+	1	3	K.LRAYALSEQLK.E	15
PSTAT+5696	proteomics_stat	3956845	3956898	+	1	39	R.AYALSEQLKEIMAPLFQK.H	22
PSTAT+5697	proteomics_stat	3956845	3956871	+	1	11	R.AYALSEQLK.E	13
PSTAT+5698	proteomics_stat	3956872	3956898	+	1	5	K.EIMAPLFQK.H	13
PSTAT+5699	proteomics_stat	3956899	3956970	+	1	262	K.HMDDIISGEFSSGMMADWANDDKK.L	28
PSTAT+5700	proteomics_stat	3956971	3957000	+	1	4	K.LLTWREETGK.T	14
PSTAT+5701	proteomics_stat	3956986	3957036	+	1	5	R.EETGKTAFETAPQYEGK.I	21
PSTAT+5702	proteomics_stat	3957001	3957036	+	1	16	K.TAFETAPQYEGK.I	16
PSTAT+5703	proteomics_stat	3957004	3957036	+	1	4	T.AFETAPQYEGK.I	15
PSTAT+5704	proteomics_stat	3957037	3957063	+	1	4	K.IGEQEYFDK.G	13
PSTAT+5705	proteomics_stat	3957037	3957090	+	1	60	K.IGEQEYFDKGVLMIAMVK.A	22
PSTAT+5706	proteomics_stat	3957064	3957090	+	1	2	K.GVLMIAMVK.A	13
PSTAT+5707	proteomics_stat	3957091	3957201	+	1	22	K.AGVELAFETMVDSGIIEESAYYESLHELPLIANTIAR.K	41
PSTAT+5708	proteomics_stat	3957286	3957330	+	1	2	L.LKPFMAELQPGDLGK.A	19
PSTAT+5709	proteomics_stat	3957298	3957330	+	1	3	F.MAELQPGDLGK.A	15
PSTAT+5710	proteomics_stat	3957331	3957369	+	1	12	K.AIPEGAVDNGQLR.D	17
PSTAT+5711	proteomics_stat	3957334	3957369	+	1	4	A.IPEGAVDNGQLR.D	16
PSTAT+5712	proteomics_stat	3957370	3957390	+	1	3	R.DVNEAIR.S	11
PSTAT+5713	proteomics_stat	3957391	3957417	+	1	12	R.SHAIEQVGK.K	13
PSTAT+5714	proteomics_stat	3957391	3957420	+	1	5	R.SHAIEQVGK.L	14
PSTAT+5715	proteomics_stat	3957394	3957417	+	1	2	S.HAIEQVGK.K	12
PSTAT+5716	proteomics_stat	3959453	3959506	+	2	4	R.GARPQNLVLLSQDFPALK.V	22
PSTAT+5717	proteomics_stat	3959639	3959677	+	2	4	K.VLSANNEEHEAER.V	17
PSTAT+5718	proteomics_stat	3960095	3960127	+	2	2	R.LAEREPIAAVR.D	15
PSTAT+5719	proteomics_stat	3963787	3963840	+	1	7	M.SDKIIHLTDDSFDTDVLK.A	22
PSTAT+5720	proteomics_stat	3963793	3963840	+	1	2	D.KIIHLTDDSFDTDVLK.A	20
PSTAT+5721	proteomics_stat	3963796	3963840	+	1	4	K.IIHLTDDSFDTDVLK.A	19
PSTAT+5722	proteomics_stat	3963895	3963942	+	1	13	K.MIAPILDEIADEYQGK.L	20
PSTAT+5723	proteomics_stat	3963958	3963993	+	1	6	K.LNIDQNPGTAPK.Y	16
PSTAT+5724	proteomics_stat	3964075	3964110	+	1	3	K.GQLKEFLDANLA.-	16
PSTAT+5725	proteomics_stat	3964461	3964523	+	3	17	K.NTPVSELITLGENMGLENLAR.M	25
PSTAT+5726	proteomics_stat	3964464	3964523	+	3	3	N.TPVSELITLGENMGLENLAR.M	24
PSTAT+5727	proteomics_stat	3964530	3964559	+	3	14	R.KQDIIFAILK.Q	14
PSTAT+5728	proteomics_stat	3964572	3964637	+	3	70	K.SGEDIFGDGVLEILQDGFGLR.S	26
PSTAT+5729	proteomics_stat	3964638	3964700	+	3	2	R.SADSSYLAGPDDIYVSPSQIR.R	25
PSTAT+5730	proteomics_stat	3964644	3964700	+	3	2	A.DSSYLAGPDDIYVSPSQIR.R	23
PSTAT+5731	proteomics_stat	3964785	3964823	+	3	8	K.VNEVNFDPENAR.N	17
PSTAT+5732	proteomics_stat	3964830	3964871	+	3	16	K.ILFENLPLHANSR.L	18
PSTAT+5733	proteomics_stat	3964887	3964919	+	3	8	R.GNGSTEDLTAR.V	15
PSTAT+5734	proteomics_stat	3964920	3964949	+	3	2	R.VLDLASPIGR.G	14
PSTAT+5735	proteomics_stat	3964959	3964982	+	3	2	R.GLIVAPPK.A	12
PSTAT+5736	proteomics_stat	3965103	3965153	+	3	2	R.LVKGEVVASTFDEPASR.H	21
PSTAT+5737	proteomics_stat	3965112	3965153	+	3	7	K.GEVVASTFDEPASR.H	18
PSTAT+5738	proteomics_stat	3965154	3965186	+	3	23	R.HVQVAEMVIEK.A	15
PSTAT+5739	proteomics_stat	3965211	3965246	+	3	2	K.KDVILLDSITR.L	16
PSTAT+5740	proteomics_stat	3965214	3965246	+	3	3	K.DVILLDSITR.L	15

PSTAT+5741	proteomics_stat	3965256	3965288	+	3	3	R.AYNTVVPASGK.V	15
PSTAT+5742	proteomics_stat	3965289	3965333	+	3	7	K.VLTGGVDANALHRPK.R	19
PSTAT+5743	proteomics_stat	3965334	3965354	+	3	2	K.RFFGAAR.N	11
PSTAT+5744	proteomics_stat	3965355	3965417	+	3	110	R.NVEEGGSLTIATALIDTGSK.M	25
PSTAT+5745	proteomics_stat	3965448	3965480	+	3	4	K.GTGNMELHLSR.K	15
PSTAT+5746	proteomics_stat	3965496	3965525	+	3	8	K.RVFPAYDYNR.S	14
PSTAT+5747	proteomics_stat	3965526	3965576	+	3	2	R.SGTRKEELLTQEELQK.M	21
PSTAT+5748	proteomics_stat	3965538	3965576	+	3	9	R.KEELLTQEELQK.M	17
PSTAT+5749	proteomics_stat	3965541	3965576	+	3	2	K.EELLTQEELQK.M	16
PSTAT+5750	proteomics_stat	3965592	3965645	+	3	8	R.KIIHPMGEIDAMEFLINK.L	22
PSTAT+5751	proteomics_stat	3965595	3965645	+	3	36	K.IIHPMGEIDAMEFLINK.L	21
PSTAT+5752	proteomics_stat	3965661	3965690	+	3	2	K.TNDDFFEMMK.R	14
PSTAT+5753	proteomics_stat	3967453	3967518	+	1	4	K.ADAALLDEMINSIQFIPGDFTR.A	26
PSTAT+5754	proteomics_stat	3967609	3967638	+	1	3	R.AASHLNDELK.G	14
PSTAT+5755	proteomics_stat	3967750	3967776	+	1	5	K.IAEQHNISR.S	13
PSTAT+5756	proteomics_stat	3967855	3967911	+	1	2	R.LENLQAVGPAFDLDYDQNR.A	23
PSTAT+5757	proteomics_stat	3967912	3967956	+	1	2	R.AMLNTLNVGPTLDPR.F	19
PSTAT+5758	proteomics_stat	3968201	3968230	+	2	2	K.MAPLVHALAK.D	14
PSTAT+5759	proteomics_stat	3968561	3968614	+	2	2	R.TLTGHLAMYHFSPTETSR.Q	22
PSTAT+5760	proteomics_stat	3968729	3968773	+	2	3	R.SELAANYPFIDPDKK.M	19
PSTAT+5761	proteomics_stat	3969170	3969208	+	2	5	R.LLKDENEYQAMSR.A	17
PSTAT+5762	proteomics_stat	3969209	3969247	+	2	2	R.AHNYPYGDGQACSR.I	17
PSTAT+5763	proteomics_stat	3970150	3970194	+	1	4	R.EVNDHKPFWVIDQVK.A	19
PSTAT+5764	proteomics_stat	3970749	3970811	+	3	4	R.VFTEHQPCVMHLAAESHVDR.S	25
PSTAT+5765	proteomics_stat	3971037	3971060	+	3	4	K.ASSDHLVR.A	12
PSTAT+5766	proteomics_stat	3971037	3971060	+	3	4	K.ASSDHLVR.A	12
PSTAT+5767	proteomics_stat	3971142	3971180	+	3	2	K.LIPLMILNALAGK.S	17
PSTAT+5768	proteomics_stat	3971217	3971246	+	3	2	R.DWLYVEDHAR.A	14
PSTAT+5769	proteomics_stat	3971217	3971246	+	3	2	R.DWLYVEDHAR.A	14
PSTAT+5770	proteomics_stat	3971277	3971315	+	3	4	K.VGETYNIGGHNER.K	17
PSTAT+5771	proteomics_stat	3971355	3971399	+	3	2	L.EELAPNKPVGVAHYR.D	19
PSTAT+5772	proteomics_stat	3971637	3971669	+	3	3	K.GIILAGGSGTR.L	15
PSTAT+5773	proteomics_stat	3971637	3971669	+	3	3	K.GIILAGGSGTR.L	15
PSTAT+5774	proteomics_stat	3972009	3972056	+	3	3	R.TEGATVFGYQVMDPER.F	20
PSTAT+5775	proteomics_stat	3973169	3973243	+	2	3	H.MIPFNAPPVGTELDYMQSAMGSGK.L	29
PSTAT+5776	proteomics_stat	3973451	3973525	+	2	4	K.IVFVDVRPDTMNIETLIEAAITDK.T	29
PSTAT+5777	proteomics_stat	3973532	3973597	+	2	2	R.VIVPVHYAGVACEMDTIMALAK.K	26
PSTAT+5778	proteomics_stat	3973598	3973654	+	2	2	K.KHNLFVVEDAAQGVMSYK.G	23
PSTAT+5779	proteomics_stat	3973601	3973654	+	2	5	K.HNLFVVEDAAQGVMSYK.G	22
PSTAT+5780	proteomics_stat	3973940	3973987	+	2	2	R.LALWQNYDALAPLAK.A	20
PSTAT+5781	proteomics_stat	3974216	3974263	+	2	2	R.LLRLPLFYNLSPVNQR.T	20
PSTAT+5782	proteomics_stat	3974225	3974263	+	2	3	R.LPLFYNLSPVNQR.T	17
PSTAT+5783	proteomics_stat	3975551	3975598	+	2	3	M.TVLIHVLGSDIPHHNR.T	20
PSTAT+5784	proteomics_stat	3978042	3978089	+	3	3	R.DMQHALDYLFADGQLK.Q	20
PSTAT+5785	proteomics_stat	3978759	3978824	+	3	4	R.RLSAFLHKAFLMLYLPFL.N	26
PSTAT+5786	proteomics_stat	3985021	3985089	+	1	2	I.VVLAFAQIDNLLGSIMIVTFNK.M	27

PSTAT+5787	proteomics_stat	3990316	3990360	+	1	2	R.EAHNELLDAMMQSYR.N	19
PSTAT+5788	proteomics_stat	3992644	3992712	+	1	13	K.NAPPPTKPVETQTQSTVDPKNDR.A	27
PSTAT+5789	proteomics_stat	3992800	3992877	+	1	2	K.MHGLGNDFMVVDQVAVTQNVFFSPELIR.R	30
PSTAT+5790	proteomics_stat	3992893	3992967	+	1	2	R.HLGVGFDQLLVVEPPYDPELDFHYR.I	29
PSTAT+5791	proteomics_stat	3992968	3993018	+	1	2	R.IFNADGSEVAQCNGAR.C	21
PSTAT+5792	proteomics_stat	3993541	3993606	+	1	10	K.GPGHPLYMTGPAVHVYDGFHIL.-	26
PSTAT+5793	proteomics_stat	3995233	3995295	+	1	2	R.ISALTFDLDDTLYDNRPVILR.T	25
PSTAT+5794	proteomics_stat	3995392	3995427	+	1	3	R.EAEPEIYHDVTR.W	16
PSTAT+5795	proteomics_stat	3995440	3995526	+	1	2	R.SIEQAMLDAGLSAEEASAGAHAAMINFAK.W	33
PSTAT+5796	proteomics_stat	3995533	3995574	+	1	4	R.SRIDVPQQTHDTLK.Q	18
PSTAT+5797	proteomics_stat	3995731	3995802	+	1	6	K.LNVPIGEILHVGGDDLTDDVGGAIR.S	28
PSTAT+5798	proteomics_stat	3996303	3996368	+	3	4	R.AHHMDANLPQDFQILDSEDLR.L	26
PSTAT+5799	proteomics_stat	3997386	3997454	+	3	3	R.FMELIDALAQETADMPLHVQTDR.V	27
PSTAT+5800	proteomics_stat	3999491	3999565	+	2	2	R.LEVEESQPLVNAVWIDLVEPDDDER.L	29
PSTAT+5801	proteomics_stat	3999572	3999640	+	2	3	R.VQSELGQSLATRPELEDIEASAR.F	27
PSTAT+5802	proteomics_stat	3999809	3999868	+	2	6	R.SQSMVDGNAYELLLDLFETK.I	24
PSTAT+5803	proteomics_stat	3999869	3999928	+	2	6	K.IEQLADEIENIYSDLEQLSR.V	24
PSTAT+5804	proteomics_stat	3999929	4000009	+	2	2	R.VIMEGHQGDYDEALSTLAELEDIGWK.V	31
PSTAT+5805	proteomics_stat	4000064	4000099	+	2	2	K.ARLPGGQLEQAR.E	16
PSTAT+5806	proteomics_stat	4000070	4000099	+	2	2	R.LPGGQLEQAR.E	14
PSTAT+5807	proteomics_stat	4003539	4003577	+	3	2	K.IGYHLGDAVLSAK.G	17
PSTAT+5808	proteomics_stat	4004845	4004889	+	1	2	P.IIRKPDAPGVMACPR.K	19
PSTAT+5809	proteomics_stat	4007226	4007276	+	3	3	R.ENAFAAFTMGPLTDFWR.Q	21
PSTAT+5810	proteomics_stat	4007799	4007837	+	3	2	R.ALPFAINVLTHSR.Q	17
PSTAT+5811	proteomics_stat	4008223	4008297	+	1	2	L.MYQVVASDLGTLSPDHTLSPYAK.E	29
PSTAT+5812	proteomics_stat	4008430	4008477	+	1	5	R.VHDLGDNLIFAHNLDR.D	20
PSTAT+5813	proteomics_stat	4008478	4008543	+	1	4	R.DIASDLFGVVNDNPDITNVYR.D	26
PSTAT+5814	proteomics_stat	4008598	4008660	+	1	2	K.EAVFYALYEPGLLEPEGVSK.V	25
PSTAT+5815	proteomics_stat	4008661	4008723	+	1	2	K.VFFTCDSHEQLLPLEQAINAR.W	25
PSTAT+5816	proteomics_stat	4008796	4008822	+	1	2	K.GHALEAVAK.K	13
PSTAT+5817	proteomics_stat	4008934	4009005	+	1	5	R.LKDLHPELEVIGTNADDAVPHYLR.K	28
PSTAT+5818	proteomics_stat	4011079	4011111	+	1	26	M.TILNHTLGFPR.V	15
PSTAT+5819	proteomics_stat	4011082	4011111	+	1	6	T.ILNHTLGFPR.V	14
PSTAT+5820	proteomics_stat	4011136	4011174	+	1	8	K.KAQESYWAGNSTR.E	17
PSTAT+5821	proteomics_stat	4011139	4011174	+	1	3	K.AQESYWAGNSTR.E	16
PSTAT+5822	proteomics_stat	4011139	4011177	+	1	2	K.AQESYWAGNSTRE.E	17
PSTAT+5823	proteomics_stat	4011175	4011198	+	1	2	R.EELLAVGR.E	12
PSTAT+5824	proteomics_stat	4011232	4011324	+	1	4	K.QAGIDLLPVGDFAWYDHLTTSLLLGNVPAR.H	35
PSTAT+5825	proteomics_stat	4011325	4011369	+	1	29	R.HQNKDGSVDIDLFR.I	19
PSTAT+5826	proteomics_stat	4011337	4011369	+	1	10	K.DGSVDIDLFR.I	15
PSTAT+5827	proteomics_stat	4011379	4011426	+	1	28	R.GRAPTEGEPAAAAEMTK.W	20
PSTAT+5828	proteomics_stat	4011385	4011426	+	1	9	R.APTGEPAAAAEMTK.W	18
PSTAT+5829	proteomics_stat	4011427	4011471	+	1	29	K.WFNTNYHYMVPEFVK.G	19
PSTAT+5830	proteomics_stat	4011427	4011495	+	1	3	K.WFNTNYHYMVPEFVKGQFKLTW.T	27
PSTAT+5831	proteomics_stat	4011430	4011471	+	1	4	W.FNTNYHYMVPEFVK.G	18
PSTAT+5832	proteomics_stat	4011487	4011543	+	1	6	K.LTWTQLLDEVDEALALGHK.V	23

PSTAT+5833	proteomics_stat	4011544	4011591	+	1	39	K.VKPVLGPTWLVWLGK.V	20
PSTAT+5834	proteomics_stat	4011613	4011675	+	1	2	D.RLSLLNDILPVYQQVLAELAK.R	25
PSTAT+5835	proteomics_stat	4011616	4011675	+	1	11	R.LSLLNDILPVYQQVLAELAK.R	24
PSTAT+5836	proteomics_stat	4011616	4011678	+	1	7	R.LSLLNDILPVYQQVLAELAKR.G	25
PSTAT+5837	proteomics_stat	4011787	4011909	+	1	3	K.LLLTTYFEGVTPNLDITIALPVQGLHVDLVHGKDDVAELHK.R	45
PSTAT+5838	proteomics_stat	4011787	4011885	+	1	10	K.LLLTTYFEGVTPNLDITIALPVQGLHVDLVHGK.D	37
PSTAT+5839	proteomics_stat	4011886	4011912	+	1	10	K.DDVAELHKR.L	13
PSTAT+5840	proteomics_stat	4011910	4011957	+	1	17	K.RLPSDWLLSAGLINGR.N	20
PSTAT+5841	proteomics_stat	4011913	4011957	+	1	17	R.LPSDWLLSAGLINGR.N	19
PSTAT+5842	proteomics_stat	4012021	4012086	+	1	10	R.DLWVASSCSLLHSPIDLSVETR.L	26
PSTAT+5843	proteomics_stat	4012105	4012131	+	1	3	K.SWFALQK.C	13
PSTAT+5844	proteomics_stat	4012132	4012155	+	1	4	K.CHELALLR.D	12
PSTAT+5845	proteomics_stat	4012156	4012218	+	1	23	R.DALNSGDTAALAEWSAPIQAR.R	25
PSTAT+5846	proteomics_stat	4012234	4012260	+	1	14	R.VHNPAVEKR.L	13
PSTAT+5847	proteomics_stat	4012258	4012293	+	1	6	K.RLAAITAQDSQR.A	16
PSTAT+5848	proteomics_stat	4012261	4012293	+	1	14	R.LAAITAQDSQR.A	15
PSTAT+5849	proteomics_stat	4012264	4012293	+	1	2	L.AAITAQDSQR.A	14
PSTAT+5850	proteomics_stat	4012315	4012398	+	1	3	R.AEAQRARFKLPAWPTTTIGSFPQTTEIR.T	32
PSTAT+5851	proteomics_stat	4012336	4012398	+	1	30	R.FKLPAWPTTTIGSFPQTTEIR.T	25
PSTAT+5852	proteomics_stat	4012342	4012398	+	1	8	K.LPAWPTTTIGSFPQTTEIR.T	23
PSTAT+5853	proteomics_stat	4012420	4012449	+	1	14	K.KGNLDANNYR.T	14
PSTAT+5854	proteomics_stat	4012450	4012473	+	1	9	R.TGIAEHK.Q	12
PSTAT+5855	proteomics_stat	4012498	4012536	+	1	4	R.LGLDVLVHGEAER.N	17
PSTAT+5856	proteomics_stat	4012537	4012620	+	1	2	R.NDMVEYFGEHLDGFVFTQNGWVQSYGSR.C	32
PSTAT+5857	proteomics_stat	4012621	4012689	+	1	14	R.CVKPPIVIGDISRPAPITVEWAK.Y	27
PSTAT+5858	proteomics_stat	4012621	4012659	+	1	2	R.CVKPPIVIGDISR.P	17
PSTAT+5859	proteomics_stat	4012687	4012722	+	1	2	A.KYAQSLTDKPKV.G	16
PSTAT+5860	proteomics_stat	4012690	4012722	+	1	23	K.YAQSLTDKPKV.G	15
PSTAT+5861	proteomics_stat	4012723	4012770	+	1	15	K.GMLTGPVTILCWSFPR.E	20
PSTAT+5862	proteomics_stat	4012801	4012887	+	1	156	K.QIALALRDEVADLEAAGIGIIQIDEPALR.E	33
PSTAT+5863	proteomics_stat	4012822	4012887	+	1	186	R.DEVADLEAAGIGIIQIDEPALR.E	26
PSTAT+5864	proteomics_stat	4012843	4012887	+	1	3	E.AAGIGIIQIDEPALR.E	19
PSTAT+5865	proteomics_stat	4012909	4012953	+	1	117	R.SDWDAYLQWGVEAFR.I	19
PSTAT+5866	proteomics_stat	4012954	4012998	+	1	4	R.INAAVAKDDTQIHTH.M	19
PSTAT+5867	proteomics_stat	4013233	4013262	+	1	3	R.LWVNPDCGLK.T	14
PSTAT+5868	proteomics_stat	4013287	4013328	+	1	10	R.AALANMVQAAQNLR.R	18
PSTAT+5869	proteomics_stat	4013302	4013328	+	1	2	N.MVQAAQNLR.R	13
PSTAT+5870	proteomics_stat	4014457	4014492	+	1	2	M.SKSDVFLGLTK.N	16
PSTAT+5871	proteomics_stat	4014463	4014492	+	1	2	K.SDVFLGLTK.N	14
PSTAT+5872	proteomics_stat	4014493	4014552	+	1	7	K.NDLQGATLAIVPGDPDRVEK.I	24
PSTAT+5873	proteomics_stat	4014493	4014543	+	1	2	K.NDLQGATLAIVPGDPDR.V	21
PSTAT+5874	proteomics_stat	4014553	4014582	+	1	14	K.IAALMDKPKV.L	14
PSTAT+5875	proteomics_stat	4014727	4014798	+	1	68	R.IGTTGAIQPHINVGDLVTTASVR.L	28
PSTAT+5876	proteomics_stat	4014727	4014756	+	1	2	R.IGTTGAIQPH.I	14
PSTAT+5877	proteomics_stat	4014799	4014888	+	1	173	R.LDGASLHFAPLEFPAVADFECTTALVEAAK.S	34
PSTAT+5878	proteomics_stat	4014820	4014888	+	1	2	H.FAPLEFPAVADFECTTALVEAAK.S	27

PSTAT+5879	proteomics_stat	4014889	4014957	+	1	19	K.SIGATTHVGVGTASSDTFYPGQER.Y	27
PSTAT+5880	proteomics_stat	4015090	4015122	+	1	2	R.AGMVAGVIVNR.T	15
PSTAT+5881	proteomics_stat	4015123	4015158	+	1	5	R.TQQEIPNAETMK.Q	16
PSTAT+5882	proteomics_stat	4015881	4015934	+	3	2	R.NLQQQLNAQMAQEAINLTR.A	22
PSTAT+5883	proteomics_stat	4016655	4016708	+	3	2	R.EINPDLAEQAVSQDEEYR.L	22
PSTAT+5884	proteomics_stat	4016890	4016931	+	1	3	K.SQETTHFGFQTVAK.E	18
PSTAT+5885	proteomics_stat	4016983	4017024	+	1	2	K.YDVMNDLMSFGIHR.L	18
PSTAT+5886	proteomics_stat	4017064	4017117	+	1	2	R.RGQTVLDLAGGTGDLTAK.F	22
PSTAT+5887	proteomics_stat	4017067	4017117	+	1	3	R.GQTVLDLAGGTGDLTAK.F	21
PSTAT+5888	proteomics_stat	4017373	4017420	+	1	3	R.LLVLEFSKPIIEPLSK.A	20
PSTAT+5889	proteomics_stat	4017421	4017456	+	1	2	K.AYDAYSFHVLPRI	16
PSTAT+5890	proteomics_stat	4019677	4019700	+	1	3	K.YLQHHSVDK.I	12
PSTAT+5891	proteomics_stat	4020091	4020153	+	1	2	K.AMSDDEPKQDKTSQDADFTAK.T	25
PSTAT+5892	proteomics_stat	4020124	4020153	+	1	3	K.TSQDADFTAK.T	14
PSTAT+5893	proteomics_stat	4020151	4020198	+	1	2	A.KTIADKQADTNQEQAK.T	20
PSTAT+5894	proteomics_stat	4020154	4020213	+	1	4	K.TIADKQADTNQEQAKTEAK.R	24
PSTAT+5895	proteomics_stat	4020154	4020198	+	1	2	K.TIADKQADTNQEQAK.T	19
PSTAT+5896	proteomics_stat	4020154	4020216	+	1	2	K.TIADKQADTNQEQAKTEDAKR.H	25
PSTAT+5897	proteomics_stat	4020169	4020216	+	1	3	K.QADTNQEQAKTEDAKR.H	20
PSTAT+5898	proteomics_stat	4020361	4020405	+	1	2	R.SLATTVQNELTQELK.L	19
PSTAT+5899	proteomics_stat	4020550	4020591	+	1	4	K.ASDEAHTIHNPPVK.D	18
PSTAT+5900	proteomics_stat	4020718	4020753	+	1	2	K.TAAPSPSSSDPK-	16
PSTAT+5901	proteomics_stat	4023026	4023082	+	2	4	K.YNDLRDFTLLEQQGELKR.I	23
PSTAT+5902	proteomics_stat	4023041	4023082	+	2	2	R.DFTLLEQQGELKR.I	18
PSTAT+5903	proteomics_stat	4023143	4023178	+	2	2	R.AGGPALLFENPK.G	16
PSTAT+5904	proteomics_stat	4023179	4023223	+	2	3	K.GYSMPVLCNLFGTPK.R	19
PSTAT+5905	proteomics_stat	4023281	4023325	+	2	5	K.LLAFLKEPEPPKGF.R	19
PSTAT+5906	proteomics_stat	4023530	4023550	+	2	2	R.QNLGIYR.Q	11
PSTAT+5907	proteomics_stat	4023602	4023652	+	2	2	R.GGALDYQEWCAHPGER.F	21
PSTAT+5908	proteomics_stat	4023947	4024048	+	2	6	R.EDAIYHSTYTRPPDEPAVLGVALNEVFPILQK.Q	38
PSTAT+5909	proteomics_stat	4024286	4024360	+	2	16	R.DTVLVENTPIDYLDFAFPVSGLGSK.M	29
PSTAT+5910	proteomics_stat	4024361	4024405	+	2	3	K.MGLDATNKWPGETQR.E	19
PSTAT+5911	proteomics_stat	4024571	4024609	+	2	2	K.VTSVEAITDTVYR.V	17
PSTAT+5912	proteomics_stat	4024799	4024846	+	2	3	K.DHQIVVDIPHGEAWLR.D	20
PSTAT+5913	proteomics_stat	4025024	4025077	+	2	6	K.HPGLQVVPVVEQPEAGWR.G	22
PSTAT+5914	proteomics_stat	4025084	4025158	+	2	5	R.TGTVLTAVLQDHGTLAEHDIYIAGR.F	29
PSTAT+5915	proteomics_stat	4029553	4029588	+	1	4	R.GNIGYIGVPPER.A	16
PSTAT+5916	proteomics_stat	4029589	4029630	+	1	5	R.ALQLGIEASNINPK.G	18
PSTAT+5917	proteomics_stat	4029631	4029660	+	1	3	K.GVIDYLHYR.S	14
PSTAT+5918	proteomics_stat	4029751	4029807	+	1	21	R.SGMSEFDINIAYLTATGHR.D	23
PSTAT+5919	proteomics_stat	4029808	4029876	+	1	3	R.DTDVPYSNIVALNEHA AVLHYTK.L	27
PSTAT+5920	proteomics_stat	4029877	4029906	+	1	8	K.LDHQAPEEMR.S	14
PSTAT+5921	proteomics_stat	4029907	4029963	+	1	17	R.SFLLDAGA EYNGYAADLTR.T	23
PSTAT+5922	proteomics_stat	4029979	4030008	+	1	4	K.SDNDYAQLVK.D	14
PSTAT+5923	proteomics_stat	4030009	4030050	+	1	4	K.DVNDEQLALIAMK.A	18
PSTAT+5924	proteomics_stat	4030051	4030095	+	1	3	K.AGVSYVDYHIQFHQR.I	19

PSTAT+5925	proteomics_stat	4030414	4030446	+	1	2	K.IEALKPFGGIR.I	15
PSTAT+5926	proteomics_stat	4030447	4030497	+	1	8	R.IEDNVVIHENNVMTR.D	21
PSTAT+5927	proteomics_stat	4032709	4032747	+	1	2	K.ELGIQADVAVHR.I	17
PSTAT+5928	proteomics_stat	4032805	4032843	+	1	3	R.YGHYHSAFQEFVK.K	17
PSTAT+5929	proteomics_stat	4033138	4033173	+	1	4	R.EIAHLTDKPTLK.-	16
PSTAT+5930	proteomics_stat	4040104	4040148	+	1	6	K.RLNEVIELLQPAWQK.E	19
PSTAT+5931	proteomics_stat	4040104	4040184	+	1	2	K.RLNEVIELLQPAWQKEPDLNLLQFLQK.L	31
PSTAT+5932	proteomics_stat	4040107	4040148	+	1	2	R.LNEVIELLQPAWQK.E	18
PSTAT+5933	proteomics_stat	4040107	4040184	+	1	19	R.LNEVIELLQPAWQKEPDLNLLQFLQK.L	30
PSTAT+5934	proteomics_stat	4040164	4040256	+	1	12	N.LLQFLQKLAKESGFDGELADLTDDILYHLK.M	35
PSTAT+5935	proteomics_stat	4040194	4040256	+	1	33	K.ESGFDGELADLTDDILYHLK.M	25
PSTAT+5936	proteomics_stat	4040275	4040322	+	1	2	K.DAVIPGLQKDYEEEDFK.T	20
PSTAT+5937	proteomics_stat	4040275	4040301	+	1	3	K.DAVIPGLQK.D	13
PSTAT+5938	proteomics_stat	4040302	4040328	+	1	3	K.DYEEDFKTA.L	13
PSTAT+5939	proteomics_stat	4040438	4040515	+	2	4	G.MNNSAFTFQTLHPDTIMDALFEHGIR.V	30
PSTAT+5940	proteomics_stat	4040516	4040557	+	2	2	R.VDSGLTPLNSYENR.V	18
PSTAT+5941	proteomics_stat	4040852	4040908	+	2	2	K.QLFIHRPTIGLNEYLIEPR.K	23
PSTAT+5942	proteomics_stat	4041672	4041707	+	3	3	K.YHVNFMGGDLGK.D	16
PSTAT+5943	proteomics_stat	4041807	4041851	+	3	2	R.SASDIRDVFINAGIK.G	19
PSTAT+5944	proteomics_stat	4041972	4042046	+	3	5	K.YQLNPQGMDSNMDVVFVQQYADTVK.Y	29
PSTAT+5945	proteomics_stat	4044044	4044100	+	2	4	R.ETGAFNEIDNGGGMQAKLF.T	23
PSTAT+5946	proteomics_stat	4044989	4045048	+	2	3	I.MVQIPQNPILVLDGSSYLRY.A	24
PSTAT+5947	proteomics_stat	4045049	4045129	+	2	8	R.AYHAFPLTNSAGEPTGAMYGVNLMLR.S	31
PSTAT+5948	proteomics_stat	4045130	4045183	+	2	9	R.SLIMQYKPTHAAVVFDK.G	22
PSTAT+5949	proteomics_stat	4045190	4045222	+	2	4	K.TFRDELFEHYK.S	15
PSTAT+5950	proteomics_stat	4045223	4045255	+	2	2	K.SHRPPMPDDL.R.A	15
PSTAT+5951	proteomics_stat	4045289	4045357	+	2	7	K.AMGLPLLAVSGVEADDVIGTLAR.E	27
PSTAT+5952	proteomics_stat	4045586	4045648	+	2	3	K.TAQALLQGLGGLDTLYAEPEK.I	25
PSTAT+5953	proteomics_stat	4045694	4045747	+	2	2	K.LEQNKVEAYLSYQLATIK.T	22
PSTAT+5954	proteomics_stat	4046189	4046227	+	2	2	R.ALELLKPLLEDEK.A	17
PSTAT+5955	proteomics_stat	4046297	4046353	+	2	11	R.GIAFDTMLESYILNSVAGR.H	23
PSTAT+5956	proteomics_stat	4046354	4046380	+	2	3	R.HMDSLAER.W	13
PSTAT+5957	proteomics_stat	4046426	4046476	+	2	7	K.GKNQLTFNQIALEEAGR.Y	21
PSTAT+5958	proteomics_stat	4046432	4046476	+	2	5	K.NQLTFNQIALEEAGR.Y	19
PSTAT+5959	proteomics_stat	4046549	4046605	+	2	4	K.GPLNVFENIEMPLVPVLSR.I	23
PSTAT+5960	proteomics_stat	4046639	4046674	+	2	5	K.VLHNHSEELTLR.L	16
PSTAT+5961	proteomics_stat	4046696	4046740	+	2	7	K.AHEIAGEEFNLSSTK.Q	19
PSTAT+5962	proteomics_stat	4046792	4046863	+	2	4	K.TPGGAPSTSEEVLEELALDYPLPK.V	28
PSTAT+5963	proteomics_stat	4046900	4046941	+	2	5	K.STYTDKLPPLMINPK.T	18
PSTAT+5964	proteomics_stat	4047194	4047250	+	2	3	R.ATAAEVFGGLPLETVTSEQR.R	23
PSTAT+5965	proteomics_stat	4047716	4047772	+	2	2	R.LDVPLLVEVGSGENWDQAH.-	23
PSTAT+5966	proteomics_stat	4049427	4049456	+	3	7	K.TREELDQEAR.D	14
PSTAT+5967	proteomics_stat	4049631	4049711	+	3	3	K.SEKPLSPQAELELLETDERLDALLER.L	31
PSTAT+5968	proteomics_stat	4049712	4049765	+	3	3	R.LEAGETLSAEEQSWVDAK.L	22
PSTAT+5969	proteomics_stat	4049796	4049861	+	3	2	K.LGLSYDDDEEEEEDEKQEDMMR.L	26
PSTAT+5970	proteomics_stat	4050311	4050355	+	2	2	K.ADQYLDALQEIVHR.A	19

PSTAT+5971	proteomics_stat	4050377	4050427	+	2	3	R.HVSQLHWGGGTPTYLNK.A	21
PSTAT+5972	proteomics_stat	4050620	4050664	+	2	2	R.EQDEEFIFALLNHAR.E	19
PSTAT+5973	proteomics_stat	4050776	4050826	+	2	2	R.LSVFNIAHLPTIFAAQR.K	21
PSTAT+5974	proteomics_stat	4050836	4050865	+	2	3	K.DADLPSPQQK.L	14
PSTAT+5975	proteomics_stat	4051304	4051330	+	2	2	K.DGLVDVDEK.G	13
PSTAT+5976	proteomics_stat	4052966	4053037	+	2	2	R.HCFVDIKRFGQIIKRPLLIGADGS.I	28
PSTAT+5977	proteomics_stat	4056502	4056534	+	1	3	K.LLQQSGTFDSR.A	15
PSTAT+5978	proteomics_stat	4056553	4056585	+	1	3	R.VMDSNDLEKER.G	15
PSTAT+5979	proteomics_stat	4056553	4056579	+	1	3	R.VMDSNDLEK.E	13
PSTAT+5980	proteomics_stat	4056637	4056690	+	1	5	R.INIVDTPGHADFGGEVER.V	22
PSTAT+5981	proteomics_stat	4056691	4056759	+	1	3	R.VMSMVDSVLLVDAFDGMPQTR.F	27
PSTAT+5982	proteomics_stat	4056772	4056816	+	1	4	K.KAFAYGLKPIVVINK.V	19
PSTAT+5983	proteomics_stat	4056775	4056816	+	1	6	K.AFAYGLKPIVVINK.V	18
PSTAT+5984	proteomics_stat	4057120	4057164	+	1	15	K.VKPNQQVTIIDSEGK.T	19
PSTAT+5985	proteomics_stat	4057205	4057255	+	2	4	S.VWNVSKPIWRKLAISLR.S	21
PSTAT+5986	proteomics_stat	4057441	4057467	+	1	4	K.ELVHNVALR.V	13
PSTAT+5987	proteomics_stat	4057468	4057500	+	1	7	R.VEETEDADAFR.V	15
PSTAT+5988	proteomics_stat	4057513	4057551	+	1	4	R.GELHLSVLIENMR.R	17
PSTAT+5989	proteomics_stat	4057513	4057548	+	1	2	R.GELHLSVLIENM.R	16
PSTAT+5990	proteomics_stat	4057552	4057587	+	1	4	R.REGFELAVSRPK.V	16
PSTAT+5991	proteomics_stat	4057555	4057587	+	1	4	R.EGFELAVSRPK.V	15
PSTAT+5992	proteomics_stat	4057615	4057695	+	1	21	R.KQEPYENVTLDVEEQHQGSVMQALGER.K	31
PSTAT+5993	proteomics_stat	4057738	4057767	+	1	3	R.VRLDYVIPSR.G	14
PSTAT+5994	proteomics_stat	4057786	4057878	+	1	18	R.SEFMTMTSGTGLLYSTFSHYDDVRPGEVGQR.Q	35
PSTAT+5995	proteomics_stat	4057804	4057878	+	1	2	M.TSGTGLLYSTFSHYDDVRPGEVGQR.Q	29
PSTAT+5996	proteomics_stat	4057879	4057914	+	1	2	R.QNGVLISNGQGK.A	16
PSTAT+5997	proteomics_stat	4057957	4058016	+	1	70	K.LFLGHGAEVYEQIIGIHSR.S	24
PSTAT+5998	proteomics_stat	4058017	4058052	+	1	2	R.SNDLTVNCLTGK.K	16
PSTAT+5999	proteomics_stat	4058071	4058115	+	1	3	R.ASGTDEAVVLVPPIR.M	19
PSTAT+6000	proteomics_stat	4058116	4058187	+	1	26	R.MTLEQALEFIDDELVEVTPPTSIR.I	28
PSTAT+6001	proteomics_stat	4058200	4058220	+	1	3	R.HLTENDR.R	11
PSTAT+6002	proteomics_stat	4059701	4059769	+	2	3	E.SLSLLDFANMINANEHPIDALK.T	27
PSTAT+6003	proteomics_stat	4072758	4072817	+	3	4	R.GYMNIDELANLLDVSTQTVR.R	24
PSTAT+6004	proteomics_stat	4073142	4073198	+	3	7	R.SHNSGIIGPSAASFVADFR.A	23
PSTAT+6005	proteomics_stat	4073882	4073908	+	2	3	R.VVLSNTNR.L	13
PSTAT+6006	proteomics_stat	4073909	4073950	+	2	12	R.LHTTFWPEEYPEIR.D	18
PSTAT+6007	proteomics_stat	4073951	4073995	+	2	4	R.DAADHIYLSQDLGMR.K	19
PSTAT+6008	proteomics_stat	4075323	4075373	+	3	5	K.GASPDRAEALDYFVER.C	21
PSTAT+6009	proteomics_stat	4075535	4075564	+	2	2	R.VPQTEEELER.Y	14
PSTAT+6010	proteomics_stat	4075628	4075699	+	2	3	R.DAWDAMAHHQMVVDEQGNLVAVGR.L	28
PSTAT+6011	proteomics_stat	4075769	4075813	+	2	2	K.GLGTLMAMTHLESVAR.Q	19
PSTAT+6012	proteomics_stat	4075877	4075930	+	2	3	K.LGFVNQGEITPTTTPIR.H	22
PSTAT+6013	proteomics_stat	4076054	4076077	+	2	2	R.IQQYTGQK.F	12
PSTAT+6014	proteomics_stat	4084138	4084218	+	1	6	R.LDEVAEEVPVALVYNGISHVMMASPK.D	31
PSTAT+6015	proteomics_stat	4098836	4098895	+	2	5	M.SYTLPSLPYAYDALEPHFDK.Q	24
PSTAT+6016	proteomics_stat	4098836	4098922	+	2	2	M.SYTLPSLPYAYDALEPHFDKQTMEIHHTK.H	33

PSTAT+6017	proteomics_stat	4098896	4098922	+	2	6	K.QTMEIHHTK.H	13
PSTAT+6018	proteomics_stat	4098923	4099012	+	2	3	K.HHQTYYNNANALESLEPEFANLPVEELITK.L	34
PSTAT+6019	proteomics_stat	4099013	4099039	+	2	7	K.LDQLPADKK.T	13
PSTAT+6020	proteomics_stat	4099103	4099132	+	2	4	K.KGTTLQGDLLK.A	14
PSTAT+6021	proteomics_stat	4099148	4099174	+	2	6	R.DFGSVDNFK.A	13
PSTAT+6022	proteomics_stat	4099148	4099189	+	2	14	R.DFGSVDNFKAEFEK.A	18
PSTAT+6023	proteomics_stat	4099205	4099237	+	2	2	R.FGSGWAWLVLK.G	15
PSTAT+6024	proteomics_stat	4099247	4099363	+	2	15	K.LAVVSTANQDSPLMGEAISGASGFPIIMGLDVWEHAYYK.F	43
PSTAT+6025	proteomics_stat	4099247	4099354	+	2	2	K.LAVVSTANQDSPLMGEAISGASGFPIIMGLDVWEHAY.Y	40
PSTAT+6026	proteomics_stat	4099313	4099363	+	2	3	S.GFPIMGLDVWEHAYYK.F	21
PSTAT+6027	proteomics_stat	4099394	4099435	+	2	10	K.EFWNVVNWDEAAAR.F	18
PSTAT+6028	proteomics_stat	4100845	4100877	+	1	7	Q.MRYPVDVYTGK.I	15
PSTAT+6029	proteomics_stat	4100878	4100919	+	1	7	K.IQAYPEGKPSAIAK.I	18
PSTAT+6030	proteomics_stat	4101211	4101267	+	1	3	K.LNYHFDISDIAQLMQNTGK.V	23
PSTAT+6031	proteomics_stat	4103960	4104010	+	2	3	R.STQSHMFDGSLTEHQR.Q	21
PSTAT+6032	proteomics_stat	4104044	4104091	+	2	4	R.HEQPPVNVSELETMHR.L	20
PSTAT+6033	proteomics_stat	4104209	4104247	+	2	2	R.LLTPEQQAVLNEK.H	17
PSTAT+6034	proteomics_stat	4105311	4105367	+	3	2	R.RFPGSDVIIHQDPCSVVPR.E	23
PSTAT+6035	proteomics_stat	4105584	4105640	+	3	4	K.KIGVLTSGGDAPGMNAAIR.G	23
PSTAT+6036	proteomics_stat	4105587	4105640	+	3	5	K.IGVLTSGGDAPGMNAAIR.G	22
PSTAT+6037	proteomics_stat	4105653	4105721	+	3	82	R.SALTEGLEVMGIYDGYLGLYEDR.M	27
PSTAT+6038	proteomics_stat	4105740	4105766	+	3	4	R.YSVSDMINR.G	13
PSTAT+6039	proteomics_stat	4105794	4105823	+	3	6	R.FPEFRDENIR.A	14
PSTAT+6040	proteomics_stat	4105854	4105910	+	3	28	R.GIDALVVIGGDGSYMGAMR.L	23
PSTAT+6041	proteomics_stat	4105911	4105970	+	3	5	R.LTEMGFPCIGLPGTIDNDIK.G	24
PSTAT+6042	proteomics_stat	4105971	4106033	+	3	15	K.GTDYTIGFFTALSTVVEAIDR.L	25
PSTAT+6043	proteomics_stat	4106064	4106090	+	3	3	R.ISVVEVMGR.Y	13
PSTAT+6044	proteomics_stat	4106220	4106246	+	3	3	K.HAIVAITEH.M	13
PSTAT+6045	proteomics_stat	4106220	4106285	+	3	66	K.HAIVAITEHMCDVDELAHFIEK.E	26
PSTAT+6046	proteomics_stat	4106307	4106333	+	3	8	R.ATVLGHIQR.G	13
PSTAT+6047	proteomics_stat	4106376	4106423	+	3	12	R.MGAYAIDLALLAGYGGC	20
PSTAT+6048	proteomics_stat	4106424	4106489	+	3	10	R.CVGIQNEQLVHHDIIIDAIENMK.R	26
PSTAT+6049	proteomics_stat	4106914	4106955	+	1	2	A.KDIQLNVSYPTR.E	18
PSTAT+6050	proteomics_stat	4107235	4107297	+	1	3	K.QIHDWNDLIKPGVSVITPNPK.S	25
PSTAT+6051	proteomics_stat	4107463	4107528	+	1	3	R.GIGDVLIAWENEALLAANELGK.D	26
PSTAT+6052	proteomics_stat	4108523	4108564	+	2	2	R.SPFMMLAEVPEAR.E	18
PSTAT+6053	proteomics_stat	4111023	4111076	+	3	2	K.GCAIDIGTVIDNDNCTSK.F	22
PSTAT+6054	proteomics_stat	4111086	4111127	+	3	3	R.FFATREEAESFMTK.L	18
PSTAT+6055	proteomics_stat	4111128	4111187	+	3	122	K.LKELAAATSSADEGASVAYK.I	24
PSTAT+6056	proteomics_stat	4111134	4111187	+	3	8	K.ELAAATSSADEGASVAYK.I	22
PSTAT+6057	proteomics_stat	4111328	4111381	+	2	184	K.HIGVAISGNEEDALLVNK.A	22
PSTAT+6058	proteomics_stat	4111571	4111618	+	2	7	R.IERGEMPETLLEIMQK.E	20
PSTAT+6059	proteomics_stat	4111580	4111618	+	2	7	R.GEMPETLLEIMQK.E	17
PSTAT+6060	proteomics_stat	4111703	4111741	+	2	4	K.MSADLLIVPFIDK.-	17
PSTAT+6061	proteomics_stat	4113190	4113267	+	1	2	S.GRFRSMVPLAPGPTISFSIYISGALR.K	30
PSTAT+6062	proteomics_stat	4116547	4116579	+	1	2	M.SLEVFEEKLEAK.V	15

PSTAT+6063	proteomics_stat	4116580	4116642	+	1	56	K.VQQAIDTITLLQMEIEELKEK.N	25
PSTAT+6064	proteomics_stat	4116643	4116687	+	1	19	K.NNSLSQEVQNAQHQR.E	19
PSTAT+6065	proteomics_stat	4116688	4116747	+	1	3	R.EELERENNHLKEQQNGWQER.L	24
PSTAT+6066	proteomics_stat	4116688	4116720	+	1	11	R.EELERENNHLK.E	15
PSTAT+6067	proteomics_stat	4116748	4116768	+	1	2	R.LQALLGR.M	11
PSTAT+6068	proteomics_stat	4125060	4125104	+	3	2	K.YEEITASCSCGNVMK.I	19
PSTAT+6069	proteomics_stat	4125111	4125152	+	3	4	R.STVGHDNLNDVCSK.C	18
PSTAT+6070	proteomics_stat	4127049	4127087	+	3	2	R.VLFVDQGDQALR.A	17
PSTAT+6071	proteomics_stat	4127187	4127288	+	3	23	R.EVGAVSVVDNTFLSPALQNPLALGADLVLHSTK.Y	38
PSTAT+6072	proteomics_stat	4127187	4127255	+	3	2	R.EVGAVSVVDNTFLSPALQNPLAL.G	27
PSTAT+6073	proteomics_stat	4127487	4127513	+	3	2	K.YLQTQPLVK.K	13
PSTAT+6074	proteomics_stat	4127514	4127567	+	3	7	K.KLYHPSLPENQGHIEAAR.Q	22
PSTAT+6075	proteomics_stat	4127517	4127567	+	3	4	K.LYHPSLPENQGHIEAAR.Q	21
PSTAT+6076	proteomics_stat	4127577	4127630	+	3	50	K.GFGAMLSFELDGDEQTLR.R	22
PSTAT+6077	proteomics_stat	4127745	4127837	+	3	4	R.AAAGISETLLRISTGIEDGEDLIADLENGFR.A	35
PSTAT+6078	proteomics_stat	4127745	4127777	+	3	3	R.AAAGISETLLR.I	15
PSTAT+6079	proteomics_stat	4127778	4127837	+	3	7	R.ISTGIEDGEDLIADLENGFR.A	24
PSTAT+6080	proteomics_stat	4127948	4128043	+	2	2	R.VAGIMAESQPDDMMVVSAGSTTNQLINWLK.L	36
PSTAT+6081	proteomics_stat	4128098	4128181	+	2	7	R.YQCDLISGLLPAAEADSLISAFVSDLER.L	32
PSTAT+6082	proteomics_stat	4128263	4128319	+	2	4	R.LMSAVLNQQLPAAWLDAR.E	23
PSTAT+6083	proteomics_stat	4128341	4128418	+	2	3	R.AAQPVDEGLSYPLLQQLLVQHPGKR.L	30
PSTAT+6084	proteomics_stat	4128446	4128478	+	2	5	R.NNAGETVLLGR.N	15
PSTAT+6085	proteomics_stat	4128479	4128532	+	2	3	R.NGSDYSATQIGALAGVSR.V	22
PSTAT+6086	proteomics_stat	4128533	4128580	+	2	2	R.VTIWSDVAGVYSADPR.K	20
PSTAT+6087	proteomics_stat	4128617	4128643	+	2	3	R.LDEASELAR.L	13
PSTAT+6088	proteomics_stat	4128785	4128850	+	2	2	R.IVTSHDDVCLIEFQVPASQDFK.L	26
PSTAT+6089	proteomics_stat	4128887	4128928	+	2	4	R.AQVRPLAVGVHNR.Q	18
PSTAT+6090	proteomics_stat	4129169	4129219	+	2	2	R.TGPTESLIQGLHQSFR.A	21
PSTAT+6091	proteomics_stat	4129466	4129576	+	2	4	R.AHPYDDLVLVDVTASQQLADQYLDFAHGFHVISANK.L	41
PSTAT+6092	proteomics_stat	4129643	4129699	+	2	5	R.HWLYNATVGAGLPINHTVR.D	23
PSTAT+6093	proteomics_stat	4129643	4129690	+	2	4	R.HWLYNATVGAGLPINH.T	20
PSTAT+6094	proteomics_stat	4130126	4130185	+	2	2	R.EDHPLASLLPCDNVFAIESR.W	24
PSTAT+6095	proteomics_stat	4130234	4130272	+	2	11	R.DVTAGAIQSDINR.L	17
PSTAT+6096	proteomics_stat	4130666	4130737	+	2	8	R.DALNQSLAEVQGQINVSFEFFPPR.T	28
PSTAT+6097	proteomics_stat	4130738	4130779	+	2	4	R.TSEMEQTLWNSIDR.L	18
PSTAT+6098	proteomics_stat	4130801	4130839	+	2	3	K.FVSVTYGANSGER.D	17
PSTAT+6099	proteomics_stat	4130873	4130938	+	2	3	K.DRTGLEAAPHLTCIDATPDEL.R.T	26
PSTAT+6100	proteomics_stat	4130879	4130938	+	2	5	R.TGLEAAPHLTCIDATPDEL.R.T	24
PSTAT+6101	proteomics_stat	4130975	4131058	+	2	2	R.HIVALRGDLPPGSGKPEMYASDLVTLK.E	32
PSTAT+6102	proteomics_stat	4130993	4131058	+	2	4	R.GDLPPGSGKPEMYASDLVTLK.E	26
PSTAT+6103	proteomics_stat	4131059	4131118	+	2	2	K.EVADFDISVAAYPEVHPEAK.S	24
PSTAT+6104	proteomics_stat	4131119	4131151	+	2	7	K.SAQADLLNLKR.K	15
PSTAT+6105	proteomics_stat	4131119	4131148	+	2	2	K.SAQADLLNLK.R	14
PSTAT+6106	proteomics_stat	4131176	4131217	+	2	9	R.AITQFFFDVESYLR.F	18
PSTAT+6107	proteomics_stat	4131302	4131328	+	2	3	K.KFADMTNVR.I	13
PSTAT+6108	proteomics_stat	4131329	4131385	+	2	7	R.IPAWMAQMFGLDDDAETR.K	23

PSTAT+6109	proteomics_stat	4131329	4131388	+	2	4	R.IPAWMAQMFGLDDDAETRK.L	24
PSTAT+6110	proteomics_stat	4131386	4131424	+	2	4	R.KLVGANIAMDMVK.I	17
PSTAT+6111	proteomics_stat	4131437	4131475	+	2	5	R.EGVKDFHFYTLNR.A	17
PSTAT+6112	proteomics_stat	4131476	4131526	+	2	7	R.AEMSYAICHTLGVPRGL.-	21
PSTAT+6113	proteomics_stat	4131861	4131902	+	3	3	M.STSDDIHNTTATGK.C	18
PSTAT+6114	proteomics_stat	4131903	4131959	+	3	3	K.CPFHQGGHDQSAGATTTTR.D	23
PSTAT+6115	proteomics_stat	4131984	4132013	+	3	10	R.VDLLNQHSNR.S	14
PSTAT+6116	proteomics_stat	4132014	4132049	+	3	2	R.SNPLGEDFDYRK.E	16
PSTAT+6117	proteomics_stat	4132050	4132082	+	3	4	K.EFSKLDYYGLK.K	15
PSTAT+6118	proteomics_stat	4132389	4132460	+	3	5	R.TFGFGAGREDVWEPDLVDVNWGDEK.A	28
PSTAT+6119	proteomics_stat	4132413	4132460	+	3	4	R.EDVWEPDLVDVNWGDEK.A	20
PSTAT+6120	proteomics_stat	4132884	4132961	+	3	6	R.SPAGAIQFEAVDAPEIIPDPFDPSSK.R	30
PSTAT+6121	proteomics_stat	4132884	4132958	+	3	7	R.SPAGAIQFEAVDAPEIIPDPFDPSSK.K	29
PSTAT+6122	proteomics_stat	4132962	4133000	+	3	12	K.RKPTMLVTDLTLR.F	17
PSTAT+6123	proteomics_stat	4132965	4133000	+	3	5	R.KPTMLVTDLTLR.F	16
PSTAT+6124	proteomics_stat	4133034	4133075	+	3	5	R.FLNDPQAFNEAFAR.A	18
PSTAT+6125	proteomics_stat	4133121	4133219	+	3	3	R.YIGPEVPKEDLIWQDPLPQPIYNPTEQDIIDLK.F	37
PSTAT+6126	proteomics_stat	4133145	4133219	+	3	3	K.EDLIWQDPLPQPIYNPTEQDIIDLK.F	29
PSTAT+6127	proteomics_stat	4133220	4133294	+	3	2	K.FAIADSGLSVSELVSVAWASASTFR.G	29
PSTAT+6128	proteomics_stat	4133424	4133474	+	3	48	K.ASLADIIVLAGVVGVEK.A	21
PSTAT+6129	proteomics_stat	4133475	4133525	+	3	20	K.AASAAGLSIHVPFAPGR.V	21
PSTAT+6130	proteomics_stat	4133538	4133597	+	3	28	R.QDQTDIEMFELLEPIADGFR.N	24
PSTAT+6131	proteomics_stat	4133613	4133651	+	3	2	R.LDVSTTESLLIDK.A	17
PSTAT+6132	proteomics_stat	4133652	4133708	+	3	10	K.AQQLTLTAPEMTALVGGMR.V	23
PSTAT+6133	proteomics_stat	4133709	4133738	+	3	4	R.VLGANFDGSK.N	14
PSTAT+6134	proteomics_stat	4133712	4133738	+	3	2	V.LGANFDGSK.N	13
PSTAT+6135	proteomics_stat	4133736	4133807	+	3	2	S.KNGVFTDRVGVLSNDFVNLDMR.Y	28
PSTAT+6136	proteomics_stat	4133760	4133807	+	3	55	R.VGVLSNDFVNLDMR.Y	20
PSTAT+6137	proteomics_stat	4133820	4133855	+	3	8	K.ATDESKELFEGR.D	16
PSTAT+6138	proteomics_stat	4133931	4133972	+	3	13	R.AVAEVYASSDAHEK.F	18
PSTAT+6139	proteomics_stat	4133982	4134005	+	3	2	K.DFVAAWVK.V	12
PSTAT+6140	proteomics_stat	4134006	4134035	+	3	2	K.VMNLDRFDLL.-	14
PSTAT+6141	proteomics_stat	4153093	4153152	+	1	9	R.HPHMNITALTVSAQSNDAKG.L	24
PSTAT+6142	proteomics_stat	4153153	4153182	+	1	6	K.LISDLHPQLK.G	14
PSTAT+6143	proteomics_stat	4153156	4153182	+	1	2	L.ISDLHPQLK.G	13
PSTAT+6144	proteomics_stat	4153372	4153449	+	1	9	K.YYGFTHQYPELLEQAAYGLAEWCGNK.L	30
PSTAT+6145	proteomics_stat	4153456	4153596	+	1	3	K.EANLIAVPGCYPTAAQLALKPLIDADLLDLNQPVINATSGVSGAGR.K	51
PSTAT+6146	proteomics_stat	4153600	4153662	+	1	3	K.AAISNSFCVEVSLQPYGVFTHR.H	25
PSTAT+6147	proteomics_stat	4153762	4153836	+	1	2	R.LKSGVTQAQVAQVLQQAAYAHKPLVR.L	29
PSTAT+6148	proteomics_stat	4153768	4153836	+	1	7	K.SGVTQAQVAQVLQQAAYAHKPLVR.L	27
PSTAT+6149	proteomics_stat	4153957	4153995	+	1	3	K.GAAAQAVQCANIR.F	17
PSTAT+6150	proteomics_stat	4154102	4154128	+	2	2	R.LFSALVNYSR.E	13
PSTAT+6151	proteomics_stat	4154234	4154293	+	2	5	R.VTPADQIDIITGALAGTANK.T	24
PSTAT+6152	proteomics_stat	4154315	4154368	+	2	15	K.KHQIAAVGLFLGDGDSVK.V	22
PSTAT+6153	proteomics_stat	4154318	4154368	+	2	5	K.HQIAAVGLFLGDGDSVK.V	21
PSTAT+6154	proteomics_stat	4154369	4154428	+	2	8	K.VTQLDEELGHVGLAQPGSPK.L	24

PSTAT+6155	proteomics_stat	4154636	4154686	+	2	2	K.AEQLIEQGIITDGMIVK.V	21
PSTAT+6156	proteomics_stat	4154714	4154749	+	2	2	R.TLGRPVDIASWR.H	16
PSTAT+6157	proteomics_stat	4154750	4154800	+	2	5	R.HAEQLPALFNGMPMGTR.I	21
PSTAT+6158	proteomics_stat	4154894	4154917	+	2	4	R.FTQAADQR.F	12
PSTAT+6159	proteomics_stat	4154918	4154944	+	2	3	R.FKQFNDSL.R.F	13
PSTAT+6160	proteomics_stat	4154957	4154998	+	2	2	R.LAEQDIVGSAVWSK.A	18
PSTAT+6161	proteomics_stat	4154999	4155082	+	2	17	K.ALVTVGVLTAEEQAQLEALNVLLEDVR.A	32
PSTAT+6162	proteomics_stat	4155083	4155145	+	2	25	R.ARPQQILESDAEDIHSWVEGK.L	25
PSTAT+6163	proteomics_stat	4155146	4155175	+	2	4	K.LIDKVGQLGK.K	14
PSTAT+6164	proteomics_stat	4155194	4155226	+	2	7	R.SRNDQVATDLK.L	15
PSTAT+6165	proteomics_stat	4155239	4155271	+	2	3	K.DTVSELLTANR.Q	15
PSTAT+6166	proteomics_stat	4155272	4155349	+	2	7	R.QLQSALVETAQNNQDAVMPGYTHLQR.A	30
PSTAT+6167	proteomics_stat	4155440	4155541	+	2	3	R.LDVSPGCGALAGTAYEIDREQLAGWLGAFASATR.N	38
PSTAT+6168	proteomics_stat	4155440	4155499	+	2	2	R.LDVSPGCGALAGTAYEIDR.E	24
PSTAT+6169	proteomics_stat	4155542	4155625	+	2	36	R.NSLDSVSDRDHVLELLSAAAIGMVHLSR.F	32
PSTAT+6170	proteomics_stat	4155689	4155724	+	2	4	R.VTSGSSLMPQKK.N	16
PSTAT+6171	proteomics_stat	4155725	4155751	+	2	3	K.NPDALELIR.G	13
PSTAT+6172	proteomics_stat	4155767	4155805	+	2	3	R.VQGALTGMMMTLK.G	17
PSTAT+6173	proteomics_stat	4155938	4156003	+	2	3	R.CQEAQQGYANATELADYLVAK.G	26
PSTAT+6174	proteomics_stat	4156019	4156063	+	2	51	R.EAHHIVGEAVVEAIR.Q	19
PSTAT+6175	proteomics_stat	4156064	4156108	+	2	6	R.QGKPLEDLPLSELQK.F	19
PSTAT+6176	proteomics_stat	4156109	4156174	+	2	6	K.FSQVIDEDVYPILSLQSCDKR.A	26
PSTAT+6177	proteomics_stat	4156184	4156237	+	2	15	K.GGVSPQQVAQAIFAQAR.L	22
PSTAT+6178	proteomics_stat	4156525	4156560	+	1	3	R.DLEYLVALAEHR.H	16
PSTAT+6179	proteomics_stat	4156573	4156623	+	1	5	R.AADSCHVSQPTLSGQIR.K	21
PSTAT+6180	proteomics_stat	4156624	4156662	+	1	2	R.KLEDELGVMLLER.T	17
PSTAT+6181	proteomics_stat	4157083	4157115	+	1	2	K.LLMLEDGHCLR.D	15
PSTAT+6182	proteomics_stat	4157197	4157259	+	1	4	R.NMVAAGSGITLLPALAVPPER.K	25
PSTAT+6183	proteomics_stat	4157266	4157307	+	1	2	R.DGVVYLPCIKPEPR.R	18
PSTAT+6184	proteomics_stat	4157350	4157382	+	1	11	R.SRYEQLAEAIR.A	15
PSTAT+6185	proteomics_stat	4159306	4159359	+	1	2	R.DVDELGLTMVDESGLMLR.Q	22
PSTAT+6186	proteomics_stat	4159414	4159467	+	1	4	R.TSVSTFMEFIGNPNNAFR.L	22
PSTAT+6187	proteomics_stat	4161866	4161928	+	2	2	R.LPGVDITQNGGSGQLSSIFIR.G	25
PSTAT+6188	proteomics_stat	4161929	4161973	+	2	6	R.GTNASHVLVLIDGVR.L	19
PSTAT+6189	proteomics_stat	4161974	4162039	+	2	2	R.LNLAGVSGSADLSQFPIALVQR.V	26
PSTAT+6190	proteomics_stat	4162064	4162120	+	2	2	R.SAVYGSDAIGGVVNIITR.D	23
PSTAT+6191	proteomics_stat	4162121	4162210	+	2	8	R.DEPGTEISAGWGSNSYQNYDVSTQQQLGDK.T	34
PSTAT+6192	proteomics_stat	4162322	4162378	+	2	4	K.TLYGALEHNFTDAWSGFVR.G	23
PSTAT+6193	proteomics_stat	4162400	4162450	+	2	2	R.TNYDAYYSPGSPLLDTR.K	21
PSTAT+6194	proteomics_stat	4162508	4162540	+	2	5	K.SQLITSYSHSK.D	15
PSTAT+6195	proteomics_stat	4162571	4162603	+	2	3	R.YDSSATLDEM.K.Q	15
PSTAT+6196	proteomics_stat	4162679	4162729	+	2	6	K.QTTTTPGTYVEDGYDQR.N	21
PSTAT+6197	proteomics_stat	4162796	4162822	+	2	3	R.SDDNSQFGR.H	13
PSTAT+6198	proteomics_stat	4162970	4163017	+	2	2	K.QWEGAFEGLTAGVNW.R.I	20
PSTAT+6199	proteomics_stat	4163033	4163077	+	2	2	R.NDVSDLIDYDDHTLK.Y	19
PSTAT+6200	proteomics_stat	4163102	4163182	+	2	2	R.IKGVEATANFDTGPLTHTVSYDYVDAR.N	31

PSTAT+6201	proteomics_stat	4163342	4163407	+	2	2	K.MGGVSLWDLAVAYPVTSHLTVR.G	26
PSTAT+6202	proteomics_stat	4163574	4163639	+	3	2	R.HLLPDLHYIYAFDNVAFPYGEK.S	26
PSTAT+6203	proteomics_stat	4163967	4164005	+	3	2	K.LHGEDVSLDALKR.I	17
PSTAT+6204	proteomics_stat	4164027	4164119	+	3	6	R.MKEPPDTPVVLGCTHFPLLQEELLQVLPEGTR.L	35
PSTAT+6205	proteomics_stat	4174042	4174080	+	1	203	K.TTLTAAITTVLAK.T	17
PSTAT+6206	proteomics_stat	4174042	4174080	+	1	203	K.TTLTAAITTVLAK.T	17
PSTAT+6207	proteomics_stat	4174102	4174137	+	1	17	R.AFDQIDNAPEEK.A	16
PSTAT+6208	proteomics_stat	4174102	4174137	+	1	17	R.AFDQIDNAPEEK.A	16
PSTAT+6209	proteomics_stat	4174105	4174137	+	1	4	A.FDQIDNAPEEK.A	15
PSTAT+6210	proteomics_stat	4174105	4174137	+	1	4	A.FDQIDNAPEEK.A	15
PSTAT+6211	proteomics_stat	4174144	4174191	+	1	245	R.GITINTSHVEYDTPTR.H	20
PSTAT+6212	proteomics_stat	4174144	4174191	+	1	245	R.GITINTSHVEYDTPTR.H	20
PSTAT+6213	proteomics_stat	4174144	4174194	+	1	3	R.GITINTSHVEYDTPTRH.Y	21
PSTAT+6214	proteomics_stat	4174144	4174194	+	1	3	R.GITINTSHVEYDTPTRH.Y	21
PSTAT+6215	proteomics_stat	4174147	4174191	+	1	7	G.ITINTSHVEYDTPTR.H	19
PSTAT+6216	proteomics_stat	4174147	4174191	+	1	7	G.ITINTSHVEYDTPTR.H	19
PSTAT+6217	proteomics_stat	4174150	4174191	+	1	10	I.TINTSHVEYDTPTR.H	18
PSTAT+6218	proteomics_stat	4174150	4174191	+	1	10	I.TINTSHVEYDTPTR.H	18
PSTAT+6219	proteomics_stat	4174153	4174191	+	1	9	T.INTSHVEYDTPTR.H	17
PSTAT+6220	proteomics_stat	4174153	4174191	+	1	9	T.INTSHVEYDTPTR.H	17
PSTAT+6221	proteomics_stat	4174156	4174191	+	1	5	I.NTSHVEYDTPTR.H	16
PSTAT+6222	proteomics_stat	4174156	4174191	+	1	5	I.NTSHVEYDTPTR.H	16
PSTAT+6223	proteomics_stat	4174159	4174191	+	1	8	N.TSHVEYDTPTR.H	15
PSTAT+6224	proteomics_stat	4174159	4174191	+	1	8	N.TSHVEYDTPTR.H	15
PSTAT+6225	proteomics_stat	4174162	4174191	+	1	9	T.SHVEYDTPTR.H	14
PSTAT+6226	proteomics_stat	4174162	4174191	+	1	9	T.SHVEYDTPTR.H	14
PSTAT+6227	proteomics_stat	4174165	4174191	+	1	3	S.HVEYDTPTR.H	13
PSTAT+6228	proteomics_stat	4174165	4174191	+	1	3	S.HVEYDTPTR.H	13
PSTAT+6229	proteomics_stat	4174192	4174236	+	1	117	R.HYAHVDCPGHADYVK.N	19
PSTAT+6230	proteomics_stat	4174192	4174236	+	1	117	R.HYAHVDCPGHADYVK.N	19
PSTAT+6231	proteomics_stat	4174192	4174224	+	1	2	R.HYAHVDCPGHA.D	15
PSTAT+6232	proteomics_stat	4174192	4174224	+	1	2	R.HYAHVDCPGHA.D	15
PSTAT+6233	proteomics_stat	4174195	4174236	+	1	9	H.YAHVDCPGHADYVK.N	18
PSTAT+6234	proteomics_stat	4174195	4174236	+	1	9	H.YAHVDCPGHADYVK.N	18
PSTAT+6235	proteomics_stat	4174198	4174236	+	1	3	Y.AHVDCPGHADYVK.N	17
PSTAT+6236	proteomics_stat	4174198	4174236	+	1	3	Y.AHVDCPGHADYVK.N	17
PSTAT+6237	proteomics_stat	4174204	4174236	+	1	7	H.VDCPGHADYVK.N	15
PSTAT+6238	proteomics_stat	4174204	4174236	+	1	7	H.VDCPGHADYVK.N	15
PSTAT+6239	proteomics_stat	4174210	4174236	+	1	3	D.CPGHADYVK.N	13
PSTAT+6240	proteomics_stat	4174210	4174236	+	1	3	D.CPGHADYVK.N	13
PSTAT+6241	proteomics_stat	4174237	4174317	+	1	2507	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PSTAT+6242	proteomics_stat	4174237	4174317	+	1	2507	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PSTAT+6243	proteomics_stat	4174318	4174338	+	1	19	R.EHILLGR.Q	11
PSTAT+6244	proteomics_stat	4174318	4174338	+	1	19	R.EHILLGR.Q	11
PSTAT+6245	proteomics_stat	4174318	4174341	+	1	2	R.EHILLGRQ.V	12
PSTAT+6246	proteomics_stat	4174318	4174341	+	1	2	R.EHILLGRQ.V	12

PSTAT+6247	proteomics_stat	4174336	4174377	+	1	13	G.RQVGVPYIIVFLNK.C	18
PSTAT+6248	proteomics_stat	4174336	4174377	+	1	13	G.RQVGVPYIIVFLNK.C	18
PSTAT+6249	proteomics_stat	4174339	4174377	+	1	90	R.QVGVPYIIVFLNK.C	17
PSTAT+6250	proteomics_stat	4174339	4174377	+	1	90	R.QVGVPYIIVFLNK.C	17
PSTAT+6251	proteomics_stat	4174378	4174431	+	1	29	K.CDMVDDEELLELVEMEV.R	22
PSTAT+6252	proteomics_stat	4174378	4174431	+	1	29	K.CDMVDDEELLELVEMEV.R	22
PSTAT+6253	proteomics_stat	4174432	4174482	+	1	158	R.ELLSQYDFPGDDTPIVR.G	21
PSTAT+6254	proteomics_stat	4174432	4174482	+	1	158	R.ELLSQYDFPGDDTPIVR.G	21
PSTAT+6255	proteomics_stat	4174435	4174482	+	1	4	E.LLSQYDFPGDDTPIVR.G	20
PSTAT+6256	proteomics_stat	4174435	4174482	+	1	4	E.LLSQYDFPGDDTPIVR.G	20
PSTAT+6257	proteomics_stat	4174438	4174482	+	1	5	L.LSQYDFPGDDTPIVR.G	19
PSTAT+6258	proteomics_stat	4174438	4174482	+	1	5	L.LSQYDFPGDDTPIVR.G	19
PSTAT+6259	proteomics_stat	4174441	4174482	+	1	3	L.SQYDFPGDDTPIVR.G	18
PSTAT+6260	proteomics_stat	4174441	4174482	+	1	3	L.SQYDFPGDDTPIVR.G	18
PSTAT+6261	proteomics_stat	4174483	4174530	+	1	2	R.GSALKALEGDAEWEAK.I	20
PSTAT+6262	proteomics_stat	4174483	4174530	+	1	2	R.GSALKALEGDAEWEAK.I	20
PSTAT+6263	proteomics_stat	4174498	4174530	+	1	33	K.ALEGDAEWEAK.I	15
PSTAT+6264	proteomics_stat	4174498	4174530	+	1	33	K.ALEGDAEWEAK.I	15
PSTAT+6265	proteomics_stat	4174501	4174530	+	1	3	A.LEGDAEWEAK.I	14
PSTAT+6266	proteomics_stat	4174501	4174530	+	1	3	A.LEGDAEWEAK.I	14
PSTAT+6267	proteomics_stat	4174504	4174530	+	1	2	L.EGDAEWEAK.I	13
PSTAT+6268	proteomics_stat	4174504	4174530	+	1	2	L.EGDAEWEAK.I	13
PSTAT+6269	proteomics_stat	4174528	4174581	+	1	19	A.KILELAGFLDSYIPEPER.A	22
PSTAT+6270	proteomics_stat	4174528	4174581	+	1	19	A.KILELAGFLDSYIPEPER.A	22
PSTAT+6271	proteomics_stat	4174531	4174581	+	1	648	K.ILELAGFLDSYIPEPER.A	21
PSTAT+6272	proteomics_stat	4174531	4174581	+	1	648	K.ILELAGFLDSYIPEPER.A	21
PSTAT+6273	proteomics_stat	4174534	4174581	+	1	21	I.LELAGFLDSYIPEPER.A	20
PSTAT+6274	proteomics_stat	4174534	4174581	+	1	21	I.LELAGFLDSYIPEPER.A	20
PSTAT+6275	proteomics_stat	4174537	4174581	+	1	6	L.ELAGFLDSYIPEPER.A	19
PSTAT+6276	proteomics_stat	4174537	4174581	+	1	6	L.ELAGFLDSYIPEPER.A	19
PSTAT+6277	proteomics_stat	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PSTAT+6278	proteomics_stat	4174540	4174581	+	1	2	E.LAGFLDSYIPEPER.A	18
PSTAT+6279	proteomics_stat	4174579	4174638	+	1	9	E.RAIDKPFLLPIEDVFSISGR.G	24
PSTAT+6280	proteomics_stat	4174579	4174638	+	1	9	E.RAIDKPFLLPIEDVFSISGR.G	24
PSTAT+6281	proteomics_stat	4174582	4174638	+	1	314	R.AIDKPFLLPIEDVFSISGR.G	23
PSTAT+6282	proteomics_stat	4174582	4174638	+	1	314	R.AIDKPFLLPIEDVFSISGR.G	23
PSTAT+6283	proteomics_stat	4174585	4174638	+	1	5	A.IDKPFLLPIEDVFSISGR.G	22
PSTAT+6284	proteomics_stat	4174585	4174638	+	1	5	A.IDKPFLLPIEDVFSISGR.G	22
PSTAT+6285	proteomics_stat	4174588	4174638	+	1	5	I.DKPFLLPIEDVFSISGR.G	21
PSTAT+6286	proteomics_stat	4174588	4174638	+	1	5	I.DKPFLLPIEDVFSISGR.G	21
PSTAT+6287	proteomics_stat	4174591	4174638	+	1	5	D.KPFLLPIEDVFSISGR.G	20
PSTAT+6288	proteomics_stat	4174591	4174638	+	1	5	D.KPFLLPIEDVFSISGR.G	20
PSTAT+6289	proteomics_stat	4174594	4174638	+	1	6	K.PFLLPIEDVFSISGR.G	19
PSTAT+6290	proteomics_stat	4174594	4174638	+	1	6	K.PFLLPIEDVFSISGR.G	19
PSTAT+6291	proteomics_stat	4174681	4174713	+	1	112	K.VGEEVEIVGIK.E	15
PSTAT+6292	proteomics_stat	4174681	4174713	+	1	112	K.VGEEVEIVGIK.E	15

PSTAT+6293	proteomics_stat	4174681	4174725	+	1	84	K.VGEEVEIVGIKETQK.S	19
PSTAT+6294	proteomics_stat	4174681	4174725	+	1	84	K.VGEEVEIVGIKETQK.S	19
PSTAT+6295	proteomics_stat	4174723	4174755	+	1	12	Q.KSTCTGVEMFR.K	15
PSTAT+6296	proteomics_stat	4174723	4174755	+	1	12	Q.KSTCTGVEMFR.K	15
PSTAT+6297	proteomics_stat	4174726	4174755	+	1	16	K.STCTGVEMFR.K	14
PSTAT+6298	proteomics_stat	4174726	4174755	+	1	16	K.STCTGVEMFR.K	14
PSTAT+6299	proteomics_stat	4174726	4174758	+	1	7	K.STCTGVEMFRK.L	15
PSTAT+6300	proteomics_stat	4174726	4174758	+	1	7	K.STCTGVEMFRK.L	15
PSTAT+6301	proteomics_stat	4174756	4174776	+	1	7	R.KLLDEGR.A	11
PSTAT+6302	proteomics_stat	4174756	4174776	+	1	7	R.KLLDEGR.A	11
PSTAT+6303	proteomics_stat	4174774	4174806	+	1	4	G.RAGENVGVLLR.G	15
PSTAT+6304	proteomics_stat	4174774	4174806	+	1	4	G.RAGENVGVLLR.G	15
PSTAT+6305	proteomics_stat	4174777	4174806	+	1	13	R.AGENVGVLLR.G	14
PSTAT+6306	proteomics_stat	4174777	4174806	+	1	13	R.AGENVGVLLR.G	14
PSTAT+6307	proteomics_stat	4174816	4174833	+	1	3	K.REEIER.G	10
PSTAT+6308	proteomics_stat	4174816	4174833	+	1	3	K.REEIER.G	10
PSTAT+6309	proteomics_stat	4174816	4174833	+	1	3	K.REEIER.G	10
PSTAT+6310	proteomics_stat	4174834	4174872	+	1	11	R.GQVLAKPGTIKPH.T	17
PSTAT+6311	proteomics_stat	4174834	4174872	+	1	11	R.GQVLAKPGTIKPH.T	17
PSTAT+6312	proteomics_stat	4174834	4174878	+	1	2	R.GQVLAKPGTIKPHTK.F	19
PSTAT+6313	proteomics_stat	4174834	4174878	+	1	2	R.GQVLAKPGTIKPHTK.F	19
PSTAT+6314	proteomics_stat	4174834	4174908	+	1	20	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PSTAT+6315	proteomics_stat	4174834	4174908	+	1	20	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PSTAT+6316	proteomics_stat	4174834	4174866	+	1	7	R.GQVLAKPGTIK.P	15
PSTAT+6317	proteomics_stat	4174834	4174866	+	1	7	R.GQVLAKPGTIK.P	15
PSTAT+6318	proteomics_stat	4174852	4174878	+	1	2	K.PGTIKPHTK.F	13
PSTAT+6319	proteomics_stat	4174852	4174878	+	1	2	K.PGTIKPHTK.F	13
PSTAT+6320	proteomics_stat	4174855	4174923	+	1	2	P.GTIKPHTKFESEVYILSKDEGGR.H	27
PSTAT+6321	proteomics_stat	4174855	4174923	+	1	2	P.GTIKPHTKFESEVYILSKDEGGR.H	27
PSTAT+6322	proteomics_stat	4174873	4174908	+	1	30	H.TKFESEVYILSK.D	16
PSTAT+6323	proteomics_stat	4174873	4174908	+	1	30	H.TKFESEVYILSK.D	16
PSTAT+6324	proteomics_stat	4174873	4174923	+	1	11	H.TKFESEVYILSKDEGGR.H	21
PSTAT+6325	proteomics_stat	4174873	4174923	+	1	11	H.TKFESEVYILSKDEGGR.H	21
PSTAT+6326	proteomics_stat	4174879	4174908	+	1	92	K.FESEVYILSK.D	14
PSTAT+6327	proteomics_stat	4174879	4174908	+	1	92	K.FESEVYILSK.D	14
PSTAT+6328	proteomics_stat	4174879	4174923	+	1	71	K.FESEVYILSKDEGGR.H	19
PSTAT+6329	proteomics_stat	4174879	4174923	+	1	71	K.FESEVYILSKDEGGR.H	19
PSTAT+6330	proteomics_stat	4174882	4174908	+	1	2	F.ESEVYILSK.D	13
PSTAT+6331	proteomics_stat	4174882	4174908	+	1	2	F.ESEVYILSK.D	13
PSTAT+6332	proteomics_stat	4174882	4174923	+	1	4	F.ESEVYILSKDEGGR.H	18
PSTAT+6333	proteomics_stat	4174882	4174923	+	1	4	F.ESEVYILSKDEGGR.H	18
PSTAT+6334	proteomics_stat	4174942	4174968	+	1	7	K.GYRPQFYFR.T	13
PSTAT+6335	proteomics_stat	4174942	4174968	+	1	7	K.GYRPQFYFR.T	13
PSTAT+6336	proteomics_stat	4174942	4174962	+	1	2	K.GYRPQFY.F	11
PSTAT+6337	proteomics_stat	4174942	4174962	+	1	2	K.GYRPQFY.F	11
PSTAT+6338	proteomics_stat	4174948	4174968	+	1	2	Y.RPQFYFR.T	11

PSTAT+6339	proteomics_stat	4174948	4174968	+	1	2	Y.RPQFYFR.T	11
PSTAT+6340	proteomics_stat	4174969	4175040	+	1	180	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PSTAT+6341	proteomics_stat	4174969	4175040	+	1	180	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PSTAT+6342	proteomics_stat	4174969	4175043	+	1	2	R.TTDVTGTIELPEGVEMVMPGDNIK.M.V	29
PSTAT+6343	proteomics_stat	4174969	4175043	+	1	2	R.TTDVTGTIELPEGVEMVMPGDNIK.M.V	29
PSTAT+6344	proteomics_stat	4174975	4175040	+	1	6	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PSTAT+6345	proteomics_stat	4174975	4175040	+	1	6	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PSTAT+6346	proteomics_stat	4174999	4175040	+	1	3	L.PEGVEMVMPGDNIK.M	18
PSTAT+6347	proteomics_stat	4174999	4175040	+	1	3	L.PEGVEMVMPGDNIK.M	18
PSTAT+6348	proteomics_stat	4175038	4175088	+	1	15	I.KMVVTLIHPIAMDDGLR.F	21
PSTAT+6349	proteomics_stat	4175038	4175088	+	1	15	I.KMVVTLIHPIAMDDGLR.F	21
PSTAT+6350	proteomics_stat	4175041	4175088	+	1	109	K.MVVTLIHPIAMDDGLR.F	20
PSTAT+6351	proteomics_stat	4175041	4175088	+	1	109	K.MVVTLIHPIAMDDGLR.F	20
PSTAT+6352	proteomics_stat	4175044	4175088	+	1	2	M.VVTLIHPIAMDDGLR.F	19
PSTAT+6353	proteomics_stat	4175044	4175088	+	1	2	M.VVTLIHPIAMDDGLR.F	19
PSTAT+6354	proteomics_stat	4175047	4175088	+	1	4	V.VTLIHPIAMDDGLR.F	18
PSTAT+6355	proteomics_stat	4175047	4175088	+	1	4	V.VTLIHPIAMDDGLR.F	18
PSTAT+6356	proteomics_stat	4175050	4175088	+	1	4	V.TLIHPIAMDDGLR.F	17
PSTAT+6357	proteomics_stat	4175050	4175088	+	1	4	V.TLIHPIAMDDGLR.F	17
PSTAT+6358	proteomics_stat	4175053	4175088	+	1	4	T.LIHPIAMDDGLR.F	16
PSTAT+6359	proteomics_stat	4175053	4175088	+	1	4	T.LIHPIAMDDGLR.F	16
PSTAT+6360	proteomics_stat	4175056	4175088	+	1	3	L.IHPIAMDDGLR.F	15
PSTAT+6361	proteomics_stat	4175056	4175088	+	1	3	L.IHPIAMDDGLR.F	15
PSTAT+6362	proteomics_stat	4175116	4175139	+	1	3	T.VGAGVVAK.V	12
PSTAT+6363	proteomics_stat	4175116	4175139	+	1	3	T.VGAGVVAK.V	12
PSTAT+6364	proteomics_stat	4175684	4175731	+	2	2	T.AVMSLILWGLDGILVR.L	20
PSTAT+6365	proteomics_stat	4175790	4175828	+	3	6	R.WYVVQAFSGFEGR.V	17
PSTAT+6366	proteomics_stat	4175859	4175924	+	3	6	K.LHNMEDLFGVEMVPTVEEVEIR.G	26
PSTAT+6367	proteomics_stat	4176030	4176107	+	3	9	R.VMGFIGGTSDRPAPISDKEVDAIMNR.L	30
PSTAT+6368	proteomics_stat	4176039	4176107	+	3	3	G.FIGGTSDRPAPISDKEVDAIMNR.L	27
PSTAT+6369	proteomics_stat	4176042	4176107	+	3	3	F.IGGTSDRPAPISDKEVDAIMNR.L	26
PSTAT+6370	proteomics_stat	4176042	4176083	+	3	2	F.IGGTSDRPAPISDK.E	18
PSTAT+6371	proteomics_stat	4176108	4176140	+	3	4	R.LQQVGDKPRPK.T	15
PSTAT+6372	proteomics_stat	4176108	4176134	+	3	4	R.LQQVGDKPR.P	13
PSTAT+6373	proteomics_stat	4176141	4176170	+	3	3	K.TLFEPGEMVR.V	14
PSTAT+6374	proteomics_stat	4176171	4176230	+	3	7	R.VNDGPFADFNQVVEVDYK.S	24
PSTAT+6375	proteomics_stat	4176267	4176308	+	3	4	R.ATPVELDFSQVEKA.-	18
PSTAT+6376	proteomics_stat	4176623	4176664	+	2	26	K.GLPIVVITVYADR.S	18
PSTAT+6377	proteomics_stat	4176686	4176715	+	2	4	K.TPPAAVLLK.A	14
PSTAT+6378	proteomics_stat	4176686	4176712	+	2	3	K.TPPAAVLLK.K	13
PSTAT+6379	proteomics_stat	4176779	4176808	+	2	14	R.AQLQEIAQTK.A	14
PSTAT+6380	proteomics_stat	4176809	4176850	+	2	24	K.AADMTGADIEAMTR.S	18
PSTAT+6381	proteomics_stat	4176812	4176850	+	2	3	A.ADMTGADIEAMTR.S	17
PSTAT+6382	proteomics_stat	4176815	4176850	+	2	5	A.DMTGADIEAMTR.S	16
PSTAT+6383	proteomics_stat	4176959	4176994	+	2	10	K.QYDINEAIALLK.E	16
PSTAT+6384	proteomics_stat	4176962	4176994	+	2	2	Q.YDINEAIALLK.E	15

PSTAT+6385	proteomics_stat	4177013	4177060	+	2	350	K.FVESVDVAVNLGIDAR.K	20
PSTAT+6386	proteomics_stat	4177082	4177114	+	2	10	R.GATVLPHGTGR.S	15
PSTAT+6387	proteomics_stat	4177121	4177165	+	2	3	V.RVAVFTQGANAEEAAK.A	19
PSTAT+6388	proteomics_stat	4177124	4177165	+	2	26	R.VAVFTQGANAEEAAK.A	18
PSTAT+6389	proteomics_stat	4177163	4177216	+	2	2	A.KAAGAELVGMEDLADQIK.K	22
PSTAT+6390	proteomics_stat	4177166	4177216	+	2	30	K.AAGAELVGMEDLADQIK.K	21
PSTAT+6391	proteomics_stat	4177166	4177219	+	2	7	K.AAGAELVGMEDLADQIKK.G	22
PSTAT+6392	proteomics_stat	4177217	4177267	+	2	50	K.KGEMNFDVVIASPDAMR.V	21
PSTAT+6393	proteomics_stat	4177220	4177267	+	2	7	K.GEMNFDVVIASPDAMR.V	20
PSTAT+6394	proteomics_stat	4177268	4177303	+	2	15	R.VVGQLGQVLGPR.G	16
PSTAT+6395	proteomics_stat	4177271	4177303	+	2	4	V.VGQLGQVLGPR.G	15
PSTAT+6396	proteomics_stat	4177274	4177303	+	2	2	V.GQLGQVLGPR.G	14
PSTAT+6397	proteomics_stat	4177304	4177324	+	2	3	R.GLMPNPK.V	11
PSTAT+6398	proteomics_stat	4177325	4177363	+	2	5	K.VGTVTPNVAEAVK.N	17
PSTAT+6399	proteomics_stat	4177403	4177432	+	2	22	K.NGIHHTTIGK.V	14
PSTAT+6400	proteomics_stat	4177430	4177492	+	2	2	G.KVDFDADKLENLEALLVALK.K	25
PSTAT+6401	proteomics_stat	4177433	4177492	+	2	72	K.VDFDADKLENLEALLVALK.K	24
PSTAT+6402	proteomics_stat	4177433	4177495	+	2	42	K.VDFDADKLENLEALLVALKK.A	25
PSTAT+6403	proteomics_stat	4177433	4177459	+	2	6	K.VDFDADKLE	13
PSTAT+6404	proteomics_stat	4177454	4177495	+	2	6	K.LKENLEALLVALKK.A	18
PSTAT+6405	proteomics_stat	4177454	4177492	+	2	18	K.LKENLEALLVALK.K	17
PSTAT+6406	proteomics_stat	4177460	4177492	+	2	2	K.ENLEALLVALK.K	15
PSTAT+6407	proteomics_stat	4177460	4177495	+	2	4	K.ENLEALLVALKK.A	16
PSTAT+6408	proteomics_stat	4177532	4177603	+	2	164	K.KVSISTTMGAGVAVDQAGLSASVN.-	28
PSTAT+6409	proteomics_stat	4178043	4178078	+	3	11	K.QAIVAEVSEVAK.G	16
PSTAT+6410	proteomics_stat	4178079	4178111	+	3	13	K.GALSAVVADSR.G	15
PSTAT+6411	proteomics_stat	4178112	4178144	+	3	2	R.GVTVDKMTCLR.K	15
PSTAT+6412	proteomics_stat	4178202	4178300	+	3	20	R.RAVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	37
PSTAT+6413	proteomics_stat	4178202	4178237	+	3	17	R.RAVEGTPFECLK.D	16
PSTAT+6414	proteomics_stat	4178202	4178270	+	3	3	R.RAVEGTPFECLKDAFVGPTLIAY.S	27
PSTAT+6415	proteomics_stat	4178205	4178300	+	3	18	R.AVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR.L	36
PSTAT+6416	proteomics_stat	4178205	4178237	+	3	5	R.AVEGTPFECLK.D	15
PSTAT+6417	proteomics_stat	4178205	4178270	+	3	2	R.AVEGTPFECLKDAFVGPTLIAY.S	26
PSTAT+6418	proteomics_stat	4178238	4178300	+	3	35	K.DAFVGPTLIAYSMEHPGAAAR.L	25
PSTAT+6419	proteomics_stat	4178247	4178300	+	3	3	F.VGPTLIAYSMEHPGAAAR.L	22
PSTAT+6420	proteomics_stat	4178250	4178300	+	3	2	V.GPTLIAYSMEHPGAAAR.L	21
PSTAT+6421	proteomics_stat	4178271	4178300	+	3	11	Y.SMEHPGAAAR.L	14
PSTAT+6422	proteomics_stat	4178346	4178393	+	3	7	K.AAAFEGELIPASQIDR.L	20
PSTAT+6423	proteomics_stat	4178394	4178432	+	3	13	R.LATLPTYEEAIAR.L	17
PSTAT+6424	proteomics_stat	4178397	4178432	+	3	2	L.ATLPTYEEAIAR.L	16
PSTAT+6425	proteomics_stat	4178673	4178762	+	3	1043	K.FGVSAAA AVAVAAGPVEAAEEKTEFDVILK.A	34
PSTAT+6426	proteomics_stat	4178673	4178738	+	3	199	K.FGVSAAA AVAVAAGPVEAAEEK.T	26
PSTAT+6427	proteomics_stat	4178703	4178762	+	3	2	A.VAAGPVEAAEEKTEFDVILK.A	24
PSTAT+6428	proteomics_stat	4178709	4178762	+	3	2	A.AGPVEAAEEKTEFDVILK.A	22
PSTAT+6429	proteomics_stat	4178712	4178762	+	3	12	A.GPVEAAEEKTEFDVILK.A	21
PSTAT+6430	proteomics_stat	4178739	4178762	+	3	3	K.TEFDVILK.A	12

PSTAT+6431	proteomics_stat	4178805	4178828	+	3	4	R.GATGLGLK.E	12
PSTAT+6432	proteomics_stat	4178829	4178870	+	3	5	K.EAKDLVESAPAALK.E	18
PSTAT+6433	proteomics_stat	4178838	4178909	+	3	18	K.DLVESAPAALKEGVSKDDAEALKK.A	28
PSTAT+6434	proteomics_stat	4178838	4178870	+	3	23	K.DLVESAPAALK.E	15
PSTAT+6435	proteomics_stat	4178838	4178885	+	3	7	K.DLVESAPAALKEGVSK.D	20
PSTAT+6436	proteomics_stat	4178838	4178906	+	3	2	K.DLVESAPAALKEGVSKDDAEALK.K	27
PSTAT+6437	proteomics_stat	4178871	4178909	+	3	47	K.EGVSKDDAEALKK.A	17
PSTAT+6438	proteomics_stat	4178871	4178906	+	3	6	K.EGVSKDDAEALK.K	16
PSTAT+6439	proteomics_stat	4178886	4178909	+	3	3	K.DDAEALKK.A	12
PSTAT+6440	proteomics_stat	4178886	4178906	+	3	2	K.DDAEALK.K	11
PSTAT+6441	proteomics_stat	4178907	4178945	+	3	4	K.KALEEAGAEVEVK.-	17
PSTAT+6442	proteomics_stat	4178910	4178945	+	3	68	K.ALEEAGAEVEVK.-	16
PSTAT+6443	proteomics_stat	4179307	4179378	+	1	6	K.DFGKRPQVLDVPYLLSIQLDSFQK.F	28
PSTAT+6444	proteomics_stat	4179319	4179378	+	1	27	K.RPQVLDVPYLLSIQLDSFQK.F	24
PSTAT+6445	proteomics_stat	4179379	4179429	+	1	7	K.FIEQDPEGQYGLEAAFR.S	21
PSTAT+6446	proteomics_stat	4179430	4179489	+	1	4	R.SVFPIQSYSGNSELQVSYR.L	24
PSTAT+6447	proteomics_stat	4179490	4179531	+	1	5	R.LGEPVFDVQECQIR.G	18
PSTAT+6448	proteomics_stat	4179532	4179558	+	1	3	R.GVTYSAPLR.V	13
PSTAT+6449	proteomics_stat	4179613	4179696	+	1	2	K.DIKEQEVYMGEIPLMTDNGTFVINGTER.V	32
PSTAT+6450	proteomics_stat	4179622	4179696	+	1	7	K.EQEVYMGEIPLMTDNGTFVINGTER.V	29
PSTAT+6451	proteomics_stat	4179721	4179756	+	1	8	R.SPGVFFDSDK GK.T	16
PSTAT+6452	proteomics_stat	4179808	4179840	+	1	4	R.GSWLDFEFDPK.D	15
PSTAT+6453	proteomics_stat	4179808	4179858	+	1	2	R.GSWLDFEFDPKDNLFVR.I	21
PSTAT+6454	proteomics_stat	4179901	4179948	+	1	68	R.ALNYTTEQILDLF FEK.V	20
PSTAT+6455	proteomics_stat	4179967	4180002	+	1	2	R.DNKLQ MELVPER.L	16
PSTAT+6456	proteomics_stat	4180003	4180047	+	1	30	R.LRGETASFDIEANGK.V	19
PSTAT+6457	proteomics_stat	4180117	4180152	+	1	3	K.LIEVPVEYIAGK.V	16
PSTAT+6458	proteomics_stat	4180165	4180239	+	1	71	K.DYIDESTGELICANMELSLDLLAK.L	29
PSTAT+6459	proteomics_stat	4180261	4180323	+	1	17	K.RIETLFTNDLDHGPYISETLR.V	25
PSTAT+6460	proteomics_stat	4180264	4180323	+	1	7	R.IETLFTNDLDHGPYISETLR.V	24
PSTAT+6461	proteomics_stat	4180402	4180473	+	1	10	R.EAAESLFENLFFSEDRYDLSAVGR.M	28
PSTAT+6462	proteomics_stat	4180402	4180449	+	1	3	R.EAAESLFENLFFSEDR.Y	20
PSTAT+6463	proteomics_stat	4180489	4180560	+	1	14	R.SLLREEIEGSGILSKDDIIDVMKK.L	28
PSTAT+6464	proteomics_stat	4180489	4180557	+	1	15	R.SLLREEIEGSGILSKDDIIDVMK.K	27
PSTAT+6465	proteomics_stat	4180489	4180533	+	1	8	R.SLLREEIEGSGILSK.D	19
PSTAT+6466	proteomics_stat	4180534	4180557	+	1	2	K.DDIIDVMK.K	12
PSTAT+6467	proteomics_stat	4180576	4180620	+	1	13	R.NGKGEVDDIDHLGNR.R	19
PSTAT+6468	proteomics_stat	4180630	4180662	+	1	5	R.SVGEMAENQFR.V	15
PSTAT+6469	proteomics_stat	4180696	4180776	+	1	2	K.ERLSGLDLDLMPQDMINAKPISAAVK.E	31
PSTAT+6470	proteomics_stat	4180702	4180776	+	1	12	R.LSLGLDLDLMPQDMINAKPISAAVK.E	29
PSTAT+6471	proteomics_stat	4180702	4180755	+	1	2	R.LSLGLDLDLMPQDMINAK.P	22
PSTAT+6472	proteomics_stat	4180777	4180848	+	1	11	K.EFFGSSQLSQFMDQNNPLSEITHK.R	28
PSTAT+6473	proteomics_stat	4180777	4180851	+	1	6	K.EFFGSSQLSQFMDQNNPLSEITHKR.R	29
PSTAT+6474	proteomics_stat	4180855	4180887	+	1	5	R.ISALGPGGLTR.E	15
PSTAT+6475	proteomics_stat	4180939	4181043	+	1	6	R.VCPIETPEGPNIGLINSLSVYAQTNEYGFLETPYR.K	39
PSTAT+6476	proteomics_stat	4180939	4181046	+	1	2	R.VCPIETPEGPNIGLINSLSVYAQTNEYGFLETPYR.V	40

PSTAT+6477	proteomics_stat	4181179	4181208	+	1	3	R.SKGESSLFSR.D	14
PSTAT+6478	proteomics_stat	4181182	4181208	+	1	2	S.KGESSLFSR.D	13
PSTAT+6479	proteomics_stat	4181209	4181301	+	1	26	R.DQVDYMDVSTQQVSVGASLIPFLEHDDANR.A	35
PSTAT+6480	proteomics_stat	4181302	4181328	+	1	2	R.ALMGANMQR.Q	13
PSTAT+6481	proteomics_stat	4181350	4181385	+	1	7	R.ADKPLVGTGMER.A	16
PSTAT+6482	proteomics_stat	4181386	4181424	+	1	6	R.AVAVDSGVTAVAK.R	17
PSTAT+6483	proteomics_stat	4181425	4181460	+	1	13	K.RGGVVQYVDASR.I	16
PSTAT+6484	proteomics_stat	4181428	4181460	+	1	4	R.GGVVQYVDASR.I	15
PSTAT+6485	proteomics_stat	4181461	4181532	+	1	3	R.IVIKVNEDEMPGEAGIDIYNLTK.Y	28
PSTAT+6486	proteomics_stat	4181473	4181532	+	1	4	K.VNEDEMPGEAGIDIYNLTK.Y	24
PSTAT+6487	proteomics_stat	4181605	4181670	+	1	3	R.GDVLADGPSTDLGELALGQNMR.V	26
PSTAT+6488	proteomics_stat	4181671	4181730	+	1	17	R.VAFMPWNGYNFEDSILVSR.V	24
PSTAT+6489	proteomics_stat	4181749	4181790	+	1	20	R.FTTIHIQELACVSR.D	18
PSTAT+6490	proteomics_stat	4181800	4181859	+	1	8	K.LGP EEITADIPNVGEAALSK.L	24
PSTAT+6491	proteomics_stat	4181926	4181967	+	1	2	K.VTPKGETQLTPEEK.L	18
PSTAT+6492	proteomics_stat	4181938	4181967	+	1	6	K.GETQLTPEEK.L	14
PSTAT+6493	proteomics_stat	4181995	4182024	+	1	3	K.ASDVKDSSLR.V	14
PSTAT+6494	proteomics_stat	4182010	4182075	+	1	2	K.DSSLRVPNGVSGTVIDVQVFTR.D	26
PSTAT+6495	proteomics_stat	4182025	4182075	+	1	22	R.VPNGVSGTVIDVQVFTR.D	21
PSTAT+6496	proteomics_stat	4182100	4182129	+	1	2	R.ALEIEEMQLK.Q	14
PSTAT+6497	proteomics_stat	4182139	4182189	+	1	43	K.KDLSEELQILEAGLFSR.I	21
PSTAT+6498	proteomics_stat	4182142	4182189	+	1	27	K.DLSEELQILEAGLFSR.I	20
PSTAT+6499	proteomics_stat	4182196	4182249	+	1	9	R.AVLVAGGVEAEKLDKLP.R.D	22
PSTAT+6500	proteomics_stat	4182196	4182240	+	1	7	R.AVLVAGGVEAEKLDK.L	19
PSTAT+6501	proteomics_stat	4182196	4182231	+	1	3	R.AVLVAGGVEAEK.L	16
PSTAT+6502	proteomics_stat	4182250	4182288	+	1	2	R.DRWLELGLTDEEK.Q	17
PSTAT+6503	proteomics_stat	4182289	4182348	+	1	4	K.QNQLEQLAEQYDELKHEFEK.K	24
PSTAT+6504	proteomics_stat	4182370	4182411	+	1	8	R.KITQGDDLAPGVLK.I	18
PSTAT+6505	proteomics_stat	4182373	4182411	+	1	4	K.ITQGDDLAPGVLK.I	17
PSTAT+6506	proteomics_stat	4182502	4182585	+	1	16	K.INPIEDMPYDENGTPVDIVLNPLGVPSR.M	32
PSTAT+6507	proteomics_stat	4182586	4182633	+	1	31	R.MNIGQILETHLGMAAK.G	20
PSTAT+6508	proteomics_stat	4182634	4182666	+	1	5	K.GIGDKINAMLK.Q	15
PSTAT+6509	proteomics_stat	4182709	4182735	+	1	5	R.AYDLGADVR.Q	13
PSTAT+6510	proteomics_stat	4182736	4182780	+	1	7	R.QKVDLSTFSDEEVMR.L	19
PSTAT+6511	proteomics_stat	4182802	4182840	+	1	3	K.GMPIATPVFDGAK.E	17
PSTAT+6512	proteomics_stat	4182841	4182867	+	1	2	K.EAEIKELLK.L	13
PSTAT+6513	proteomics_stat	4182868	4182900	+	1	6	K.LGDLPTSGQIR.L	15
PSTAT+6514	proteomics_stat	4182916	4182969	+	1	9	R.TGEQFERPVTVGYMYMLK.L	22
PSTAT+6515	proteomics_stat	4182970	4182993	+	1	15	K.LNHLVDDK.M	12
PSTAT+6516	proteomics_stat	4183006	4183053	+	1	6	R.STGSYSLVTTQQPLGGK.A	20
PSTAT+6517	proteomics_stat	4183186	4183251	+	1	3	K.NIVDGNHQMEPGMPESFNVLLK.E	26
PSTAT+6518	proteomics_stat	4183400	4183435	+	2	2	K.AQTKTEEFDAIK.I	16
PSTAT+6519	proteomics_stat	4183412	4183435	+	2	2	K.TEEFDAIK.I	12
PSTAT+6520	proteomics_stat	4183436	4183465	+	2	2	K.IALASPD MIR.S	14
PSTAT+6521	proteomics_stat	4183466	4183489	+	2	2	R.SWSFGEVK.K	12
PSTAT+6522	proteomics_stat	4183466	4183513	+	2	2	R.SWSFGEVKKPETINYR.T	20

PSTAT+6523	proteomics_stat	4183490	4183513	+	2	3	K.KPETINYR.T	12
PSTAT+6524	proteomics_stat	4183571	4183594	+	2	4	K.DYECLCGK.Y	12
PSTAT+6525	proteomics_stat	4183634	4183660	+	2	2	K.CGVEVTQTK.V	13
PSTAT+6526	proteomics_stat	4183676	4183726	+	2	21	R.MGHIELASPTAHIWFLK.S	21
PSTAT+6527	proteomics_stat	4183676	4183723	+	2	3	R.MGHIELASPTAHIWFL.K	20
PSTAT+6528	proteomics_stat	4183841	4183909	+	2	9	R.QQILTEEQYLDALFEFGDEFDAK.M	27
PSTAT+6529	proteomics_stat	4183910	4183942	+	2	7	K.MGAEAIQALLK.S	15
PSTAT+6530	proteomics_stat	4183943	4184011	+	2	7	K.SMDLEQECEQLREELNETNSETK.R	27
PSTAT+6531	proteomics_stat	4183943	4184014	+	2	4	K.SMDLEQECEQLREELNETNSETKR.K	28
PSTAT+6532	proteomics_stat	4184150	4184182	+	2	4	R.FATSDLNDLYR.R	15
PSTAT+6533	proteomics_stat	4184213	4184251	+	2	3	K.RLLDLAAPDIIVR.N	17
PSTAT+6534	proteomics_stat	4184216	4184251	+	2	3	R.LLDLAAPDIIVR.N	16
PSTAT+6535	proteomics_stat	4184261	4184305	+	2	6	K.RMLQEAVDALLDNGR.R	19
PSTAT+6536	proteomics_stat	4184264	4184308	+	2	2	R.MLQEAVDALLDNGRR.G	19
PSTAT+6537	proteomics_stat	4184264	4184305	+	2	2	R.MLQEAVDALLDNGR.R	18
PSTAT+6538	proteomics_stat	4184408	4184428	+	2	8	K.RVDYSGR.S	11
PSTAT+6539	proteomics_stat	4184486	4184524	+	2	10	K.MALELFKPFYIGK.L	17
PSTAT+6540	proteomics_stat	4184582	4184623	+	2	13	R.EEAVVWDILDEVIR.E	18
PSTAT+6541	proteomics_stat	4184624	4184647	+	2	5	R.EHPVLLNR.A	12
PSTAT+6542	proteomics_stat	4184666	4184707	+	2	7	R.LGIQAFEPVliegK.A	18
PSTAT+6543	proteomics_stat	4184708	4184815	+	2	2	K.AIQLHPLVCAAYNADFDGDQMAVHVPLTLEAQLAR.A	40
PSTAT+6544	proteomics_stat	4184816	4184917	+	2	5	R.ALMMSTNNILSPANGAPIIVPSQDVVLGLYIMTR.D	38
PSTAT+6545	proteomics_stat	4184870	4184917	+	2	2	I.IVPSQDVVLGLYIMTR.D	20
PSTAT+6546	proteomics_stat	4185026	4185070	+	2	4	R.ITEYEKDANGELVAK.T	19
PSTAT+6547	proteomics_stat	4185044	4185070	+	2	2	K.DANGELVAK.T	13
PSTAT+6548	proteomics_stat	4185071	4185100	+	2	8	K.TSLKDTTVGR.A	14
PSTAT+6549	proteomics_stat	4185128	4185169	+	2	2	K.GLPYSIVNQALGKK.A	18
PSTAT+6550	proteomics_stat	4185128	4185166	+	2	6	K.GLPYSIVNQALGK.K	17
PSTAT+6551	proteomics_stat	4185275	4185322	+	2	7	R.SGASVGIDDMVIPEK.H	20
PSTAT+6552	proteomics_stat	4185275	4185319	+	2	2	R.SGASVGIDDMVIPEK.K	19
PSTAT+6553	proteomics_stat	4185320	4185406	+	2	41	K.KHEIIEAEAEVAEIQEQFQSGLVTAGER.Y	33
PSTAT+6554	proteomics_stat	4185323	4185406	+	2	31	K.HEIIEAEAEVAEIQEQFQSGLVTAGER.Y	32
PSTAT+6555	proteomics_stat	4185416	4185448	+	2	2	K.VIDIWAAANDR.V	15
PSTAT+6556	proteomics_stat	4185458	4185499	+	2	2	K.AMMDNLQTETVINR.D	18
PSTAT+6557	proteomics_stat	4185458	4185517	+	2	3	K.AMMDNLQTETVINRDGQEEK.Q	24
PSTAT+6558	proteomics_stat	4185518	4185565	+	2	2	K.QVSFNsiYMMADSGAR.G	20
PSTAT+6559	proteomics_stat	4185605	4185664	+	2	10	R.GLMAKPDGSIETPITANFR.E	24
PSTAT+6560	proteomics_stat	4185665	4185712	+	2	24	R.EGLNVLQYFISTHGAR.K	20
PSTAT+6561	proteomics_stat	4185713	4185739	+	2	9	R.KGLADTALK.T	13
PSTAT+6562	proteomics_stat	4185740	4185766	+	2	2	K.TANSGYLTR.R	13
PSTAT+6563	proteomics_stat	4185899	4185952	+	2	18	R.VTAEDVLKPGTADILVPR.N	22
PSTAT+6564	proteomics_stat	4185953	4186015	+	2	12	R.NTLLHEQWCDLLEENSVDVAVK.V	25
PSTAT+6565	proteomics_stat	4186088	4186171	+	2	7	R.GHIINKGEAIGVIAAQSIGEPGTQTMTR.T	32
PSTAT+6566	proteomics_stat	4186106	4186171	+	2	4	K.GEAIGVIAAQSIGEPGTQTMTR.T	26
PSTAT+6567	proteomics_stat	4186202	4186231	+	2	2	R.AAAESSIQVK.N	14
PSTAT+6568	proteomics_stat	4186343	4186387	+	2	4	R.TKESYKVPYGAFLAK.G	19

PSTAT+6569	proteomics_stat	4186349	4186387	+	2	5	K.ESYKVPYGAVLAK.G	17
PSTAT+6570	proteomics_stat	4186388	4186441	+	2	2	K.GDGEQVAGGETVANWDPH.T	22
PSTAT+6571	proteomics_stat	4186388	4186480	+	2	6	K.GDGEQVAGGETVANWDPHTMPVITEVSGFVR.F	35
PSTAT+6572	proteomics_stat	4186481	4186516	+	2	4	R.FTDMIDGQTITR.Q	16
PSTAT+6573	proteomics_stat	4186490	4186573	+	2	2	D.MIDGQTITRQTDELTLGLSSLVVLDSAER.T	32
PSTAT+6574	proteomics_stat	4186517	4186573	+	2	14	R.QTDELTLGLSSLVVLDSAER.T	23
PSTAT+6575	proteomics_stat	4186574	4186609	+	2	3	R.TAGGKDLRPALK.I	16
PSTAT+6576	proteomics_stat	4186610	4186684	+	2	13	K.IVDAQGNDVLIPGTDMPAQYFLPGK.A	29
PSTAT+6577	proteomics_stat	4186685	4186741	+	2	66	K.AIVQLEDGVQISSGDTLAR.I	23
PSTAT+6578	proteomics_stat	4186793	4186816	+	2	2	R.VADLFEAR.R	12
PSTAT+6579	proteomics_stat	4186826	4186873	+	2	5	K.EPAILAEISGIVSFGK.E	20
PSTAT+6580	proteomics_stat	4186892	4186948	+	2	2	R.RLVITPVDGSDPYEEMIPK.W	23
PSTAT+6581	proteomics_stat	4186895	4186948	+	2	5	R.LVITPVDGSDPYEEMIPK.W	22
PSTAT+6582	proteomics_stat	4186955	4186981	+	2	3	R.QLNVFEGER.V	13
PSTAT+6583	proteomics_stat	4186982	4187038	+	2	7	R.VERGDVISDGPEAPHDILR.L	23
PSTAT+6584	proteomics_stat	4186991	4187038	+	2	5	R.GDVISDGPEAPHDILR.L	20
PSTAT+6585	proteomics_stat	4187066	4187098	+	2	3	R.YIVNEVQDVYR.L	15
PSTAT+6586	proteomics_stat	4187126	4187146	+	2	5	K.HIEVIVR.Q	11
PSTAT+6587	proteomics_stat	4187159	4187224	+	2	7	R.KATIVNAGSSDFLEGEQVEYSR.V	26
PSTAT+6588	proteomics_stat	4187162	4187224	+	2	3	K.ATIVNAGSSDFLEGEQVEYSR.V	25
PSTAT+6589	proteomics_stat	4187306	4187362	+	2	5	K.ASLATESFISAASFQETTR.V	23
PSTAT+6590	proteomics_stat	4187360	4187392	+	2	3	T.RVLTEAAVAGK.R	15
PSTAT+6591	proteomics_stat	4187363	4187392	+	2	7	R.VLTEAAVAGK.R	14
PSTAT+6592	proteomics_stat	4187363	4187395	+	2	3	R.VLTEAAVAGKR.D	15
PSTAT+6593	proteomics_stat	4187408	4187437	+	2	6	R.GLKENVIVGR.L	14
PSTAT+6594	proteomics_stat	4187438	4187479	+	2	8	R.LIPAGTGYAYHQDR.M	18
PSTAT+6595	proteomics_stat	4187441	4187479	+	2	9	L.IPAGTGYAYHQDR.M	17
PSTAT+6596	proteomics_stat	4187444	4187479	+	2	2	I.PAGTGYAYHQDR.M	16
PSTAT+6597	proteomics_stat	4195334	4195369	+	2	2	R.RDDSILLAQHTR.H	16
PSTAT+6598	proteomics_stat	4195376	4195444	+	2	2	R.NGVHTVLAGFVEVGETLEQAVAR.E	27
PSTAT+6599	proteomics_stat	4195739	4195762	+	2	3	K.MTELNDR.Y	12
PSTAT+6600	proteomics_stat	4196057	4196125	+	2	6	K.ADVDKLPIPDPEDELGYVMNAVR.T	27
PSTAT+6601	proteomics_stat	4196081	4196125	+	2	5	I.PDPEDELGYVMNAVR.T	19
PSTAT+6602	proteomics_stat	4196138	4196224	+	2	4	R.ELKGEVPLIGFSGSPWTLATYMEGGSSK.A	33
PSTAT+6603	proteomics_stat	4196594	4196647	+	2	5	K.VALQGNMDPSMLYAPPAR.I	22
PSTAT+6604	proteomics_stat	4197848	4197889	+	2	3	R.LSGETLEHAVEVSK.T	18
PSTAT+6605	proteomics_stat	4198304	4198342	+	2	2	L.MNKTLIDVIAEK.A	17
PSTAT+6606	proteomics_stat	4198313	4198342	+	2	12	K.TQLIDVIAEK.A	14
PSTAT+6607	proteomics_stat	4198313	4198357	+	2	11	K.TQLIDVIAEKAELSK.T	19
PSTAT+6608	proteomics_stat	4198370	4198414	+	2	19	K.AALESTLAAITESLK.E	19
PSTAT+6609	proteomics_stat	4198370	4198456	+	2	899	K.AALESTLAAITESLKEGDAVQLVGFGTK.V	33
PSTAT+6610	proteomics_stat	4198370	4198438	+	2	2	K.AALESTLAAITESLKEGDAVQLV.G	27
PSTAT+6611	proteomics_stat	4198397	4198456	+	2	6	A.ITESLKEGDAVQLVGFGTK.V	24
PSTAT+6612	proteomics_stat	4198415	4198456	+	2	11	K.EGDAVQLVGFGTK.V	18
PSTAT+6613	proteomics_stat	4198478	4198513	+	2	2	R.TGRNPQTGKEIK.I	16
PSTAT+6614	proteomics_stat	4198487	4198513	+	2	2	R.NPQTGKEIK.I	13

PSTAT+6615	proteomics_stat	4198511	4198552	+	2	4	I.KIAAANVPAFVSGK.A	18
PSTAT+6616	proteomics_stat	4198514	4198552	+	2	17	K.IAAANVPAFVSGK.A	17
PSTAT+6617	proteomics_stat	4212306	4212350	+	3	6	M.PIRVPDELPAVNFLR.E	19
PSTAT+6618	proteomics_stat	4212384	4212413	+	3	3	R.ASGQEIRPLK.V	14
PSTAT+6619	proteomics_stat	4212441	4212470	+	3	4	K.KIETENQFLR.L	14
PSTAT+6620	proteomics_stat	4212471	4212515	+	3	2	R.LLSNSPLQVDIQLLR.I	19
PSTAT+6621	proteomics_stat	4212912	4212977	+	3	192	R.DYTDLEILAETEEGDAYLFASK.D	26
PSTAT+6622	proteomics_stat	4212987	4213049	+	3	3	R.IAFVTGHPEYDAQTLAQEFFR.D	25
PSTAT+6623	proteomics_stat	4213050	4213100	+	3	2	R.DVEAGLDPDVPYNYFPN.N	21
PSTAT+6624	proteomics_stat	4213504	4213566	+	1	10	M.TEQATTTDELAFTRPYGEQEK.Q	25
PSTAT+6625	proteomics_stat	4213567	4213632	+	1	85	K.QILTAEAVEFLTELVTHTFPQR.N	26
PSTAT+6626	proteomics_stat	4213588	4213632	+	1	2	A.VEFLTELVTHTFPQR.N	19
PSTAT+6627	proteomics_stat	4213654	4213722	+	1	21	R.IQQQQDIDNGTLPDFISETASIR.D	27
PSTAT+6628	proteomics_stat	4213738	4213770	+	1	2	K.IRGIPADLEDR.R	15
PSTAT+6629	proteomics_stat	4213771	4213800	+	1	23	R.RVEITGPVER.K	14
PSTAT+6630	proteomics_stat	4213774	4213800	+	1	2	R.VEITGPVER.K	13
PSTAT+6631	proteomics_stat	4213801	4213836	+	1	6	R.KMVINALNANVK.V	16
PSTAT+6632	proteomics_stat	4213804	4213836	+	1	10	K.MVINALNANVK.V	15
PSTAT+6633	proteomics_stat	4213837	4213884	+	1	15	K.VFMADFEDSLAPDWNK.V	20
PSTAT+6634	proteomics_stat	4213837	4213911	+	1	10	K.VFMADFEDSLAPDWNKVIDGQINLR.D	29
PSTAT+6635	proteomics_stat	4213849	4213884	+	1	2	A.DFEDSLAPDWNK.V	16
PSTAT+6636	proteomics_stat	4213885	4213911	+	1	4	K.VIDGQINLR.D	13
PSTAT+6637	proteomics_stat	4213912	4213956	+	1	106	R.DAVNGTISYTNAGK.I	19
PSTAT+6638	proteomics_stat	4213957	4213983	+	1	2	K.IYQLKPNPA.V	13
PSTAT+6639	proteomics_stat	4213957	4213998	+	1	34	K.IYQLKPNPAVLICR.V	18
PSTAT+6640	proteomics_stat	4213957	4213995	+	1	2	K.IYQLKPNPAVLIC.R	17
PSTAT+6641	proteomics_stat	4214005	4214025	+	1	3	R.GLHLPEK.H	11
PSTAT+6642	proteomics_stat	4214116	4214145	+	1	2	K.GSGPYFYLPK.T	14
PSTAT+6643	proteomics_stat	4214233	4214298	+	1	4	K.ATLLIETLPAVFQMDEILHALR.D	26
PSTAT+6644	proteomics_stat	4214299	4214328	+	1	2	R.DHIVGLNCGR.W	14
PSTAT+6645	proteomics_stat	4214395	4214439	+	1	17	R.QAVTMDKPFLNAYS.R	19
PSTAT+6646	proteomics_stat	4214395	4214433	+	1	3	R.QAVTMDKPFLNAY.S	17
PSTAT+6647	proteomics_stat	4214398	4214439	+	1	2	Q.AVTMDKPFLNAYS.R	18
PSTAT+6648	proteomics_stat	4214467	4214544	+	1	57	R.GAFAMGGMAAFIPSKDEEHNNQVLNK.V	30
PSTAT+6649	proteomics_stat	4214476	4214544	+	1	3	F.AMGGMAAFIPSKDEEHNNQVLNK.V	27
PSTAT+6650	proteomics_stat	4214512	4214544	+	1	2	K.DEEHNNQVLNK.V	15
PSTAT+6651	proteomics_stat	4214560	4214658	+	1	29	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSR.K	37
PSTAT+6652	proteomics_stat	4214560	4214661	+	1	9	K.SLEANNHGDGTWIAHPGLADTAMAVFNDILGSRK.N	38
PSTAT+6653	proteomics_stat	4214662	4214682	+	1	5	K.NQLEVMR.E	11
PSTAT+6654	proteomics_stat	4214683	4214739	+	1	10	R.EQDAPITADQLLAPCDGER.T	23
PSTAT+6655	proteomics_stat	4214770	4214865	+	1	53	R.VAVQYIEAWISGNCGVPIYGLMEDAATAEISR.T	36
PSTAT+6656	proteomics_stat	4214866	4214898	+	1	11	R.TSIWQWIHHQK.T	15
PSTAT+6657	proteomics_stat	4214866	4214889	+	1	2	R.TSIWQWIH.H	12
PSTAT+6658	proteomics_stat	4214899	4214928	+	1	18	K.TLSNGKPVTK.A	14
PSTAT+6659	proteomics_stat	4214902	4214928	+	1	2	T.LSNGKPVTK.A	13
PSTAT+6660	proteomics_stat	4214941	4214964	+	1	5	R.QMLGEEMK.V	12

PSTAT+6661	proteomics_stat	4214965	4214994	+	1	9	K.VIASSELGEER.F	14
PSTAT+6662	proteomics_stat	4214995	4215090	+	1	9	R.FSQGRFDDAARLMEQITTSDELIDFLTLPGYR.L	36
PSTAT+6663	proteomics_stat	4215028	4215090	+	1	188	R.LMEQITTSDELIDFLTLPGYR.L	25
PSTAT+6664	proteomics_stat	4215138	4215170	+	3	5	K.TRTQQIEELQK.E	15
PSTAT+6665	proteomics_stat	4215144	4215188	+	3	20	R.TQQIEELQKEWTQPR.W	19
PSTAT+6666	proteomics_stat	4215144	4215170	+	3	13	R.TQQIEELQK.E	13
PSTAT+6667	proteomics_stat	4215189	4215233	+	3	27	R.WEGITRPYSAEDVVK.L	19
PSTAT+6668	proteomics_stat	4215192	4215233	+	3	7	W.EGITRPYSAEDVVK.L	18
PSTAT+6669	proteomics_stat	4215195	4215233	+	3	4	E.GITRPYSAEDVVK.L	17
PSTAT+6670	proteomics_stat	4215207	4215233	+	3	2	R.PYSAEDVVK.L	13
PSTAT+6671	proteomics_stat	4215234	4215287	+	3	22	K.LRGSVNPECTLAQLGAAK.M	22
PSTAT+6672	proteomics_stat	4215240	4215287	+	3	33	R.GSVNPECTLAQLGAAK.M	20
PSTAT+6673	proteomics_stat	4215243	4215287	+	3	3	G.SVNPECTLAQLGAAK.M	19
PSTAT+6674	proteomics_stat	4215252	4215287	+	3	4	N.PECTLAQLGAAK.M	16
PSTAT+6675	proteomics_stat	4215297	4215317	+	3	5	R.LLHGESK.K	11
PSTAT+6676	proteomics_stat	4215318	4215377	+	3	217	K.KGYINSLGALTGGQALQQAK.A	24
PSTAT+6677	proteomics_stat	4215321	4215377	+	3	23	K.GYINSLGALTGGQALQQAK.A	23
PSTAT+6678	proteomics_stat	4215321	4215383	+	3	9	K.GYINSLGALTGGQALQQAKAG.I	25
PSTAT+6679	proteomics_stat	4215327	4215377	+	3	2	Y.INSLGALTGGQALQQAK.A	21
PSTAT+6680	proteomics_stat	4215333	4215377	+	3	3	N.SLGALTGGQALQQAK.A	19
PSTAT+6681	proteomics_stat	4215348	4215377	+	3	2	L.TGGQALQQAK.A	14
PSTAT+6682	proteomics_stat	4215378	4215500	+	3	196	K.AGIEAVYLSGWQVAADANLAASMYPDQSLYPANSPAVVER.I	45
PSTAT+6683	proteomics_stat	4215447	4215500	+	3	2	M.YPDQSLYPANSPAVVER.I	22
PSTAT+6684	proteomics_stat	4215468	4215500	+	3	2	Y.PANSPAVVER.I	15
PSTAT+6685	proteomics_stat	4215519	4215569	+	3	12	R.RADQIQWSAGIEPGDPR.Y	21
PSTAT+6686	proteomics_stat	4215522	4215569	+	3	18	R.ADQIQWSAGIEPGDPR.Y	20
PSTAT+6687	proteomics_stat	4215525	4215569	+	3	2	A.DQIQWSAGIEPGDPR.Y	19
PSTAT+6688	proteomics_stat	4215540	4215569	+	3	3	W.SAGIEPGDPR.Y	14
PSTAT+6689	proteomics_stat	4215570	4215650	+	3	233	R.YVDYFLPIVADAEAGFGGVLNAFELMK.A	31
PSTAT+6690	proteomics_stat	4215573	4215650	+	3	10	Y.VDYFLPIVADAEAGFGGVLNAFELMK.A	30
PSTAT+6691	proteomics_stat	4215648	4215710	+	3	26	M.KAMIEAGAAAVHFEDQLASVK.K	25
PSTAT+6692	proteomics_stat	4215651	4215713	+	3	206	K.AMIEAGAAAVHFEDQLASVKK.C	25
PSTAT+6693	proteomics_stat	4215651	4215710	+	3	284	K.AMIEAGAAAVHFEDQLASVK.K	24
PSTAT+6694	proteomics_stat	4215735	4215767	+	3	11	K.VLVPTQEAIQK.L	15
PSTAT+6695	proteomics_stat	4215783	4215827	+	3	26	R.LAADVTGVPTLLVAR.T	19
PSTAT+6696	proteomics_stat	4215786	4215827	+	3	2	L.AADVTVPTLLVAR.T	18
PSTAT+6697	proteomics_stat	4215828	4215863	+	3	2	R.TDADAADLITSD.C	16
PSTAT+6698	proteomics_stat	4215828	4215902	+	3	149	R.TDADAADLITSDCDPYDSEFITGER.T	29
PSTAT+6699	proteomics_stat	4215828	4215884	+	3	2	R.TDADAADLITSDCDPYDSE.F	23
PSTAT+6700	proteomics_stat	4215828	4215878	+	3	2	R.TDADAADLITSDCDPYD.S	21
PSTAT+6701	proteomics_stat	4215828	4215869	+	3	8	R.TDADAADLITSDCD.P	18
PSTAT+6702	proteomics_stat	4215831	4215902	+	3	7	T.DADAADLITSDCDPYDSEFITGER.T	28
PSTAT+6703	proteomics_stat	4215837	4215902	+	3	3	A.DAADLITSDCDPYDSEFITGER.T	26
PSTAT+6704	proteomics_stat	4215840	4215902	+	3	2	D.AADLITSDCDPYDSEFITGER.T	25
PSTAT+6705	proteomics_stat	4215849	4215902	+	3	3	D.LITSDCDPYDSEFITGER.T	22
PSTAT+6706	proteomics_stat	4215852	4215902	+	3	3	L.ITSDCDPYDSEFITGER.T	21

PSTAT+6707	proteomics_stat	4215855	4215902	+	3	12	I.TSDCDPYDSEFITGER.T	20
PSTAT+6708	proteomics_stat	4215858	4215902	+	3	4	T.SDCDPYDSEFITGER.T	19
PSTAT+6709	proteomics_stat	4215864	4215902	+	3	3	D.CDPYDSEFITGER.T	17
PSTAT+6710	proteomics_stat	4215870	4215902	+	3	19	D.PYDSEFITGER.T	15
PSTAT+6711	proteomics_stat	4215876	4215902	+	3	2	Y.DSEFITGER.T	13
PSTAT+6712	proteomics_stat	4215924	4215956	+	3	58	R.THAGIEQAISR.G	15
PSTAT+6713	proteomics_stat	4215927	4215956	+	3	7	T.HAGIEQAISR.G	14
PSTAT+6714	proteomics_stat	4215954	4216028	+	3	12	S.RGLAYAPYADLVWCETSTPDLELAR.R	29
PSTAT+6715	proteomics_stat	4215957	4216028	+	3	57	R.GLAYAPYADLVWCETSTPDLELAR.R	28
PSTAT+6716	proteomics_stat	4216032	4216055	+	3	4	R.FAQAIHAK.Y	12
PSTAT+6717	proteomics_stat	4216065	4216109	+	3	7	G.KLLAYNCSPSFNWQK.N	19
PSTAT+6718	proteomics_stat	4216068	4216109	+	3	27	K.LLAYNCSPSFNWQK.N	18
PSTAT+6719	proteomics_stat	4216071	4216109	+	3	7	L.LAYNCSPSFNWQK.N	17
PSTAT+6720	proteomics_stat	4216074	4216109	+	3	2	L.AYNCSPSFNWQK.N	16
PSTAT+6721	proteomics_stat	4216077	4216109	+	3	4	A.YNCSPSFNWQK.N	15
PSTAT+6722	proteomics_stat	4216110	4216169	+	3	5	K.NLDDKTIASFQQQLSDMGYK.F	24
PSTAT+6723	proteomics_stat	4216125	4216169	+	3	9	K.TIASFQQQLSDMGYK.F	19
PSTAT+6724	proteomics_stat	4216128	4216169	+	3	2	T.IASFQQQLSDMGYK.F	18
PSTAT+6725	proteomics_stat	4216305	4216361	+	3	155	K.DGYTFVSHQQEVGTGYFDK.V	23
PSTAT+6726	proteomics_stat	4216305	4216328	+	3	2	K.DGYTFVSH.Q	12
PSTAT+6727	proteomics_stat	4217768	4217818	+	2	2	R.HISPALMELLQEAEEK.I	21
PSTAT+6728	proteomics_stat	4222514	4222558	+	2	6	R.TLSGQTTEAFYNSLR.H	19
PSTAT+6729	proteomics_stat	4222559	4222615	+	2	2	R.HAEALTFLGLNCALGPDEL.R.Q	23
PSTAT+6730	proteomics_stat	4222874	4222936	+	2	3	R.LSGLEPLNIGEDSLFVNVGER.T	25
PSTAT+6731	proteomics_stat	4223231	4223263	+	2	4	K.EGVDAFIHAK.L	15
PSTAT+6732	proteomics_stat	4223777	4223815	+	2	3	K.TDDTANAQQAWEW.R.S	17
PSTAT+6733	proteomics_stat	4223858	4223899	+	2	2	K.GITEFIEQDTEEAR.Q	18
PSTAT+6734	proteomics_stat	4223900	4223986	+	2	4	R.QQATRIEVIIEGPLMDGMNVVGDVDFGEGK.M	33
PSTAT+6735	proteomics_stat	4224116	4224139	+	2	2	K.GDVHDIGK.N	12
PSTAT+6736	proteomics_stat	4224233	4224307	+	2	3	K.EVNADLIGLSGLITPSLDEMNVVAK.E	29
PSTAT+6737	proteomics_stat	4224320	4224367	+	2	2	R.QGFTIPLLIGGATTSK.A	20
PSTAT+6738	proteomics_stat	4224635	4224676	+	2	2	R.LGVQEVEASIIETLR.N	18
PSTAT+6739	proteomics_stat	4224776	4224823	+	2	2	R.LFKDANDMLDKLSAEK.T	20
PSTAT+6740	proteomics_stat	4224785	4224808	+	2	2	K.DANDMLDK.L	12
PSTAT+6741	proteomics_stat	4224956	4225000	+	2	2	K.TGFANYCLADVFVAPK.L	19
PSTAT+6742	proteomics_stat	4225133	4225168	+	2	3	R.LAEFAEYLHER.V	16
PSTAT+6743	proteomics_stat	4225232	4225294	+	2	3	R.ENYQGIRPAPGYACPEHTEK.A	25
PSTAT+6744	proteomics_stat	4225415	4225441	+	2	2	K.YYAVAQIQR.D	13
PSTAT+6745	proteomics_stat	4225442	4225465	+	2	2	R.DQVEDYAR.R	12
PSTAT+6746	proteomics_stat	4226858	4226899	+	2	2	R.KLADDINVLYTAIK.L	18
PSTAT+6747	proteomics_stat	4227236	4227307	+	2	3	R.LHQQNVQSIETSSLHLGLLGMQR.L	28
PSTAT+6748	proteomics_stat	4227308	4227352	+	2	2	R.LNSLFCVSVAIVLEQ.P	19
PSTAT+6749	proteomics_stat	4231781	4231831	+	2	7	L.MKNINPTQTAAWQALQK.H	21
PSTAT+6750	proteomics_stat	4231787	4231831	+	2	16	K.NINPTQTAAWQALQK.H	19
PSTAT+6751	proteomics_stat	4231832	4231879	+	2	54	K.HFDEMKDVTIADLFAK.D	20
PSTAT+6752	proteomics_stat	4231832	4231849	+	2	2	K.HFDEMK.D	10

PSTAT+6753	proteomics_stat	4231835	4231879	+	2	2	H.FDEMKDVTIADLFAK.D	19
PSTAT+6754	proteomics_stat	4231850	4231879	+	2	2	K.DVTIADLFAK.D	14
PSTAT+6755	proteomics_stat	4231901	4231945	+	2	10	K.FSATFDDQMLVDYSK.N	19
PSTAT+6756	proteomics_stat	4231904	4231945	+	2	2	F.SATFDDQMLVDYSK.N	18
PSTAT+6757	proteomics_stat	4231946	4231975	+	2	3	K.NRITEETLAK.L	14
PSTAT+6758	proteomics_stat	4231994	4232020	+	2	3	K.ECDLAGAIK.S	13
PSTAT+6759	proteomics_stat	4232093	4232158	+	2	8	R.SNTPILVDGKDVMPEVNAVLEK.M	26
PSTAT+6760	proteomics_stat	4232123	4232158	+	2	2	K.DVMPEVNAVLEK.M	16
PSTAT+6761	proteomics_stat	4232165	4232200	+	2	6	K.TFSEAIISGEWK.G	16
PSTAT+6762	proteomics_stat	4232216	4232299	+	2	45	K.AITDVVNIGIGGSDLGPYMTALRPYK.N	32
PSTAT+6763	proteomics_stat	4232300	4232362	+	2	21	K.NHLNMHFVSNVDGTHIAEVLK.K	25
PSTAT+6764	proteomics_stat	4232363	4232404	+	2	19	K.KVNPETTLFLVASK.T	18
PSTAT+6765	proteomics_stat	4232366	4232404	+	2	4	K.VNPETTLFLVASK.T	17
PSTAT+6766	proteomics_stat	4232405	4232449	+	2	12	K.TFTTQETMTNAHSAR.D	19
PSTAT+6767	proteomics_stat	4232408	4232449	+	2	3	T.FTTQETMTNAHSAR.D	18
PSTAT+6768	proteomics_stat	4232495	4232524	+	2	3	K.HFAALSTNAK.A	14
PSTAT+6769	proteomics_stat	4232813	4232857	+	2	9	R.FAAYFQQGNMESNGK.Y	19
PSTAT+6770	proteomics_stat	4232870	4232971	+	2	21	R.NGNVVVDYQTGPPIIWGEPGTNGQHAFYQLIHQGTK.M	38
PSTAT+6771	proteomics_stat	4232870	4232920	+	2	2	R.NGNVVVDYQTGPPIIWGEP.G	21
PSTAT+6772	proteomics_stat	4232909	4232971	+	2	2	I.WGEPGTNGQHAFYQLIHQGTK.M	25
PSTAT+6773	proteomics_stat	4232972	4233037	+	2	5	K.MVPCDFIAPAITHNPLSDHHQK.L	26
PSTAT+6774	proteomics_stat	4233035	4233085	+	2	3	Q.KLLSNFFAQTEALAFGK.S	21
PSTAT+6775	proteomics_stat	4233038	4233085	+	2	41	K.LLSNFFAQTEALAFGK.S	20
PSTAT+6776	proteomics_stat	4233041	4233085	+	2	3	L.LSNFFAQTEALAFGK.S	19
PSTAT+6777	proteomics_stat	4233086	4233115	+	2	10	K.SREVVEQEYR.D	14
PSTAT+6778	proteomics_stat	4233086	4233163	+	2	11	K.SREVVEQEYRDQGKDPATLDYVVVFK.V	30
PSTAT+6779	proteomics_stat	4233092	4233115	+	2	4	R.EVVEQEYR.D	12
PSTAT+6780	proteomics_stat	4233092	4233163	+	2	2	R.EVVEQEYRDQGKDPATLDYVVVFK.V	28
PSTAT+6781	proteomics_stat	4233116	4233163	+	2	8	R.DQGKDPATLDYVVVFK.V	20
PSTAT+6782	proteomics_stat	4233164	4233205	+	2	5	K.VFEGNRPTNSILLR.E	18
PSTAT+6783	proteomics_stat	4233206	4233256	+	2	4	R.EITPFSLGALIALYEHK.I	21
PSTAT+6784	proteomics_stat	4233338	4233409	+	2	19	R.ILPELKDDKEISSHDSSTNGLINR.Y	28
PSTAT+6785	proteomics_stat	4233356	4233409	+	2	4	K.DDKEISSHDSSTNGLINR.Y	22
PSTAT+6786	proteomics_stat	4233365	4233409	+	2	5	K.EISSHDSSTNGLINR.Y	19
PSTAT+6787	proteomics_stat	4245146	4245193	+	2	4	R.VNQVAEVLQLAHLDDR.K	20
PSTAT+6788	proteomics_stat	4245382	4245420	+	1	8	P.RSGRSDDAGRQNR.G	17
PSTAT+6789	proteomics_stat	4245440	4245490	+	2	4	R.VAQVGKPLELYHYPADR.F	21
PSTAT+6790	proteomics_stat	4247234	4247317	+	2	2	R.TSAKPFLLISTAASVVATATSGPSVPR.W	32
PSTAT+6791	proteomics_stat	4247655	4247750	+	3	6	A.DVNYVPQNTSDAPAIPSAALQQLTWTPVDQSK.T	36
PSTAT+6792	proteomics_stat	4247751	4247882	+	3	2	K.TQTTQLATGGQQNLNVPGISGPVAAYSVPANIGELTLTSEVNK.Q	48
PSTAT+6793	proteomics_stat	4248045	4248113	+	3	3	K.LYVLVFTTEKDLQQTQLLDPK.A	27
PSTAT+6794	proteomics_stat	4248075	4248113	+	3	2	K.DLQQTQLLDPK.A	17
PSTAT+6795	proteomics_stat	4250967	4251023	+	3	4	R.LSGKPLLLTELFLPASPLY.-	23
PSTAT+6796	proteomics_stat	4254663	4254689	+	3	3	M.ANNTTGFR.I	13
PSTAT+6797	proteomics_stat	4255186	4255221	+	1	4	R.DHISQTMPPTR.A	16
PSTAT+6798	proteomics_stat	4255294	4255329	+	1	4	R.KGVIEIVSGASR.G	16

PSTAT+6799	proteomics_stat	4255381	4255479	+	1	3	R.VAAGEPLLAQQHIEGHYQVDPSLFKPNADFLLR.V	37
PSTAT+6800	proteomics_stat	4255501	4255542	+	1	2	K.DIGIMDGDLLAVHK.T	18
PSTAT+6801	proteomics_stat	4255558	4255581	+	1	2	R.NGQVVVAR.I	12
PSTAT+6802	proteomics_stat	4255582	4255605	+	1	2	R.IDDEVTVK.R	12
PSTAT+6803	proteomics_stat	4255618	4255683	+	1	2	K.QGNKVPELLPENSEFKPIVVDLR.Q	26
PSTAT+6804	proteomics_stat	4257260	4257292	+	2	6	I.MNKDEAGGNWK.Q	15
PSTAT+6805	proteomics_stat	4257329	4257367	+	2	2	K.LTDDDMTIIEGKR.D	17
PSTAT+6806	proteomics_stat	4257329	4257364	+	2	6	K.LTDDDMTIIEGK.R	16
PSTAT+6807	proteomics_stat	4257413	4257451	+	2	4	K.DQAEKEVVDWETR.N	17
PSTAT+6808	proteomics_stat	4259842	4259895	+	1	2	R.NTLLYTEMVTTGAIHKG.G	22
PSTAT+6809	proteomics_stat	4260439	4260531	+	1	2	R.EAYQNP GilAAVDREIFGSSD TDADPVAVVR.A	35
PSTAT+6810	proteomics_stat	4260481	4260531	+	1	2	R.EIFGSSD TDADPVAVVR.A	21
PSTAT+6811	proteomics_stat	4260556	4260594	+	1	2	R.ELSQGTYLGHITR.H	17
PSTAT+6812	proteomics_stat	4260595	4260633	+	1	5	R.HMLGLFQGIPGAR.Q	17
PSTAT+6813	proteomics_stat	4260670	4260708	+	1	2	K.AGADINVLEHALK.L	17
PSTAT+6814	proteomics_stat	4262559	4262615	+	3	3	R.LQESGSPIDLITLAESLER.Q	23
PSTAT+6815	proteomics_stat	4262670	4262717	+	3	3	K.NTPSAANISAYADIVR.E	20
PSTAT+6816	proteomics_stat	4263261	4263308	+	3	3	R.NIYIDSSGLTPTEVR.S	20
PSTAT+6817	proteomics_stat	4265149	4265193	+	1	2	K.VDAYAGDPIILTLMER.F	19
PSTAT+6818	proteomics_stat	4265302	4265364	+	1	6	R.LNAQPHGASLYLPM EGLN CYR.H	25
PSTAT+6819	proteomics_stat	4265365	4265412	+	1	6	R.HAIAPLLFGADHPVLK.Q	20
PSTAT+6820	proteomics_stat	4265422	4265463	+	1	4	R.VATIQTLLGGSGALK.V	18
PSTAT+6821	proteomics_stat	4265656	4265745	+	1	2	R.SIVLLHPCCHNPTGADLTNDQWD AVIEILK.A	34
PSTAT+6822	proteomics_stat	4265752	4265826	+	1	19	R.ELIPFLDIAYQFGGAGMEEDAYAIR.A	29
PSTAT+6823	proteomics_stat	4265827	4265877	+	1	4	R.AIASAGLPALVSNSFSK.I	21
PSTAT+6824	proteomics_stat	4265902	4265949	+	1	4	R.VGGLSVMCEDAEAAGR.V	20
PSTAT+6825	proteomics_stat	4265980	4266051	+	1	10	R.RNYSPPNFGAQVVA AVLNDEALK.A	28
PSTAT+6826	proteomics_stat	4265983	4266051	+	1	8	R.NYSSPPNFGAQVVA AVLNDEALK.A	27
PSTAT+6827	proteomics_stat	4266148	4266174	+	1	3	R.NFDYLLNQR.G	13
PSTAT+6828	proteomics_stat	4266262	4266300	+	1	2	R.MCVAGLN TANVQR.V	17
PSTAT+6829	proteomics_stat	4268303	4268356	+	2	3	R.GFHLVTDEILNQLADMPR.V	22
PSTAT+6830	proteomics_stat	4268681	4268755	+	2	2	K.MTISELLQYCMAPGAEQSVHNDWK.A	29
PSTAT+6831	proteomics_stat	4272172	4272213	+	1	3	K.VILVGNLQDPEVR.Y	18
PSTAT+6832	proteomics_stat	4272214	4272273	+	1	4	R.YMPNGGAVANITLATESWR.D	24
PSTAT+6833	proteomics_stat	4272337	4272366	+	1	3	K.LAEVASEYLR.K	14
PSTAT+6834	proteomics_stat	4272367	4272402	+	1	7	R.KGSQVYIEGQLR.T	16
PSTAT+6835	proteomics_stat	4272409	4272438	+	1	3	R.KWTDQSGQDR.Y	14
PSTAT+6836	proteomics_stat	4272439	4272495	+	1	4	R.YTTEVVVNVGGTMQMLGGR.Q	23
PSTAT+6837	proteomics_stat	4277333	4277392	+	2	3	R.AVAGQANLLDKDGQIIDGGK.A	24
PSTAT+6838	proteomics_stat	4277366	4277392	+	2	6	K.DGQIIDGGK.A	13
PSTAT+6839	proteomics_stat	4279599	4279649	+	3	2	K.LLHDLDLLEALLIEENQ.-	21
PSTAT+6840	proteomics_stat	4292876	4292974	+	2	2	K.YQSTTEAVQSSSHGIMGTILSLVPTNIVASMAK.G	37
PSTAT+6841	proteomics_stat	4328564	4328590	+	2	7	R.DVTIIDDGK.L	13
PSTAT+6842	proteomics_stat	4329842	4329904	+	2	2	K.ETANRPLKGATPAASDIQEAK.E	25
PSTAT+6843	proteomics_stat	4329866	4329904	+	2	2	K.GATPAASDIQEAK.E	17
PSTAT+6844	proteomics_stat	4329905	4329943	+	2	2	K.EILVEHYDNIEQK.I	17

PSTAT+6845	proteomics_stat	4329944	4329985	+	2	5	K.IDDIDHEIADLQAK.R	18
PSTAT+6846	proteomics_stat	4340096	4340128	+	2	2	R.KLMDSAGASGK.I	15
PSTAT+6847	proteomics_stat	4340246	4340299	+	2	5	R.HGLEQTIADTLGPGGIMR.A	22
PSTAT+6848	proteomics_stat	4340573	4340668	+	2	3	K.TADGSYVNLYPELLAAEAGQAPKPNIHGNT.R	36
PSTAT+6849	proteomics_stat	4368711	4368737	+	3	5	S.MNIRPLHDR.V	13
PSTAT+6850	proteomics_stat	4368771	4368812	+	3	36	K.SAGGIVLTGSAAAK.S	18
PSTAT+6851	proteomics_stat	4368813	4368851	+	3	27	K.STRGEVLAVGNR.I	17
PSTAT+6852	proteomics_stat	4368822	4368851	+	3	9	R.GEVLAVGNR.I	14
PSTAT+6853	proteomics_stat	4368852	4368890	+	3	22	R.ILENGEVKPLDVK.V	17
PSTAT+6854	proteomics_stat	4368852	4368896	+	3	3	R.ILENGEVKPLDVKVG.D	19
PSTAT+6855	proteomics_stat	4368855	4368890	+	3	3	I.LENGEVKPLDVK.V	16
PSTAT+6856	proteomics_stat	4368891	4368932	+	3	28	K.VGDIVIFNDGYGVK.S	18
PSTAT+6857	proteomics_stat	4368894	4368932	+	3	2	V.GDIVIFNDGYGVK.S	17
PSTAT+6858	proteomics_stat	4369099	4369131	+	1	2	L.RGVNVLADAVK.V	15
PSTAT+6859	proteomics_stat	4369102	4369131	+	1	18	R.GVNVLADAVK.V	14
PSTAT+6860	proteomics_stat	4369174	4369200	+	1	2	K.SFGAPTITK.D	13
PSTAT+6861	proteomics_stat	4369222	4369272	+	1	378	R.EIELEDKFENMGAQMVK.E	21
PSTAT+6862	proteomics_stat	4369288	4369362	+	1	234	K.ANDAAGDGTATVLAQAIITEGLK.A	29
PSTAT+6863	proteomics_stat	4369363	4369398	+	1	9	K.AVAAGMNPMDLK.R	16
PSTAT+6864	proteomics_stat	4369363	4369401	+	1	9	K.AVAAGMNPMDLKR.G	17
PSTAT+6865	proteomics_stat	4369414	4369443	+	1	15	K.AVTAAVEELK.A	14
PSTAT+6866	proteomics_stat	4369471	4369527	+	1	6	S.KAIAQVGTISANSDETVGK.L	23
PSTAT+6867	proteomics_stat	4369474	4369527	+	1	107	K.AIAQVGTISANSDETVGK.L	22
PSTAT+6868	proteomics_stat	4369477	4369527	+	1	2	A.IAQVGTISANSDETVGK.L	21
PSTAT+6869	proteomics_stat	4369525	4369551	+	1	4	G.KLIAEAMDK.V	13
PSTAT+6870	proteomics_stat	4369528	4369560	+	1	7	K.LIAEAMDKVGK.E	15
PSTAT+6871	proteomics_stat	4369528	4369551	+	1	8	K.LIAEAMDK.V	12
PSTAT+6872	proteomics_stat	4369531	4369551	+	1	2	L.IAEAMDK.V	11
PSTAT+6873	proteomics_stat	4369531	4369560	+	1	2	L.IAEAMDKVGK.E	14
PSTAT+6874	proteomics_stat	4369552	4369638	+	1	11	K.VGKEGVITVEDGTGLQDELDDVEGMQFDR.G	33
PSTAT+6875	proteomics_stat	4369561	4369638	+	1	629	K.EGVITVEDGTGLQDELDDVEGMQFDR.G	30
PSTAT+6876	proteomics_stat	4369612	4369638	+	1	2	D.VVEGMQFDR.G	13
PSTAT+6877	proteomics_stat	4369636	4369725	+	1	3	D.RGYLSPYFINKPETGAVELESPFILLADKK.I	34
PSTAT+6878	proteomics_stat	4369636	4369722	+	1	2	D.RGYLSPYFINKPETGAVELESPFILLADK.K	33
PSTAT+6879	proteomics_stat	4369639	4369722	+	1	61	R.GYLSPYFINKPETGAVELESPFILLADK.K	32
PSTAT+6880	proteomics_stat	4369639	4369725	+	1	130	R.GYLSPYFINKPETGAVELESPFILLADKK.I	33
PSTAT+6881	proteomics_stat	4369648	4369725	+	1	3	L.SPYFINKPETGAVELESPFILLADKK.I	30
PSTAT+6882	proteomics_stat	4369657	4369722	+	1	3	Y.FINKPETGAVELESPFILLADK.K	26
PSTAT+6883	proteomics_stat	4369657	4369725	+	1	27	Y.FINKPETGAVELESPFILLADKK.I	27
PSTAT+6884	proteomics_stat	4369666	4369725	+	1	2	N.KPETGAVELESPFILLADKK.I	24
PSTAT+6885	proteomics_stat	4369726	4369773	+	1	2	K.ISNIREMLPVLEAVAK.A	20
PSTAT+6886	proteomics_stat	4369741	4369773	+	1	14	R.EMLPVLEAVAK.A	15
PSTAT+6887	proteomics_stat	4369774	4369851	+	1	688	K.AGKPLLIIAEDVEGALATLVVNTMR.G	30
PSTAT+6888	proteomics_stat	4369903	4369980	+	1	376	R.KAMLQDIATLTGGTVISEEIGMELEK.A	30
PSTAT+6889	proteomics_stat	4369906	4369980	+	1	1363	K.AMLQDIATLTGGTVISEEIGMELEK.A	29
PSTAT+6890	proteomics_stat	4369906	4370010	+	1	5	K.AMLQDIATLTGGTVISEEIGMELEKATLEDLGQAK.R	39

PSTAT+6891	proteomics_stat	4369981	4370013	+	1	11	K.ATLEDLGQAKR.V	15
PSTAT+6892	proteomics_stat	4369981	4370010	+	1	10	K.ATLEDLGQAK.R	14
PSTAT+6893	proteomics_stat	4370011	4370082	+	1	8	K.RVVINKDTTTTIIDGVGEEAAIQGR.V	28
PSTAT+6894	proteomics_stat	4370014	4370082	+	1	66	R.VVINKDTTTTIIDGVGEEAAIQGR.V	27
PSTAT+6895	proteomics_stat	4370029	4370082	+	1	167	K.DTTTTIIDGVGEEAAIQGR.V	22
PSTAT+6896	proteomics_stat	4370044	4370082	+	1	4	I.IDGVGEEAAIQGR.V	17
PSTAT+6897	proteomics_stat	4370047	4370082	+	1	4	I.DGVGEEAAIQGR.V	16
PSTAT+6898	proteomics_stat	4370050	4370082	+	1	6	D.GVGEEAAIQGR.V	15
PSTAT+6899	proteomics_stat	4370056	4370082	+	1	2	V.GEEAAIQGR.V	13
PSTAT+6900	proteomics_stat	4370095	4370139	+	1	3	I.RQQIEEATSDYDREK.L	19
PSTAT+6901	proteomics_stat	4370098	4370139	+	1	14	R.QQIEEATSDYDREK.L	18
PSTAT+6902	proteomics_stat	4370098	4370133	+	1	11	R.QQIEEATSDYDR.E	16
PSTAT+6903	proteomics_stat	4370101	4370133	+	1	2	Q.QIEEATSDYDR.E	15
PSTAT+6904	proteomics_stat	4370101	4370139	+	1	2	Q.QIEEATSDYDREK.L	17
PSTAT+6905	proteomics_stat	4370161	4370187	+	1	6	K.LAGGVAVIK.V	13
PSTAT+6906	proteomics_stat	4370188	4370217	+	1	13	K.VGAATEVEMK.E	14
PSTAT+6907	proteomics_stat	4370188	4370223	+	1	3	K.VGAATEVEMKEK.K	16
PSTAT+6908	proteomics_stat	4370188	4370220	+	1	3	K.VGAATEVEMKE.K	15
PSTAT+6909	proteomics_stat	4370227	4370259	+	1	2	K.ARVEDALHATR.A	15
PSTAT+6910	proteomics_stat	4370233	4370259	+	1	15	R.VEDALHATR.A	13
PSTAT+6911	proteomics_stat	4370236	4370259	+	1	3	V.EDALHATR.A	12
PSTAT+6912	proteomics_stat	4370260	4370310	+	1	175	R.AAVEEGVVAGGGVALIR.V	21
PSTAT+6913	proteomics_stat	4370263	4370310	+	1	2	A.AVEEGVVAGGGVALIR.V	20
PSTAT+6914	proteomics_stat	4370323	4370370	+	1	5	K.LADLRGQNEQNVGIK.V	20
PSTAT+6915	proteomics_stat	4370326	4370370	+	1	3	L.ADLRGQNEQNVGIK.V	19
PSTAT+6916	proteomics_stat	4370338	4370370	+	1	7	R.GQNEQNVGIK.V	15
PSTAT+6917	proteomics_stat	4370401	4370457	+	1	3	L.RQIVLNCGEEPSVVANTVK.G	23
PSTAT+6918	proteomics_stat	4370404	4370457	+	1	122	R.QIVLNCGEEPSVVANTVK.G	22
PSTAT+6919	proteomics_stat	4370458	4370541	+	1	38	K.GGDGNYGYNAATEEYGNMIDMGILDPTK.V	32
PSTAT+6920	proteomics_stat	4370458	4370490	+	1	2	K.GGDGNYGYNA.T	15
PSTAT+6921	proteomics_stat	4370551	4370625	+	1	1535	R.SALQYAASVAGLMITTECMVTDLPK.N	29
PSTAT+6922	proteomics_stat	4370572	4370625	+	1	9	A.SVAGLMITTECMVTDLPK.N	22
PSTAT+6923	proteomics_stat	4370578	4370625	+	1	911	V.AGLMITTECMVTDLPK.N	20
PSTAT+6924	proteomics_stat	4370931	4370987	+	3	8	R.IVDEQPGAECQLIGTATGK.Q	23
PSTAT+6925	proteomics_stat	4370988	4371038	+	3	6	K.QSNWLSGQHGEEGSMR.G	21
PSTAT+6926	proteomics_stat	4371132	4371173	+	3	3	S.FVPTDSQIIGQVYK.C	18
PSTAT+6927	proteomics_stat	4373971	4374015	+	1	2	H.FMNNETFEQLSADAK.A	19
PSTAT+6928	proteomics_stat	4374151	4374210	+	1	10	K.GDTAGTGKPATLSTGAVVK.V	24
PSTAT+6929	proteomics_stat	4374211	4374246	+	1	15	K.VPLFVQIGEVIK.V	16
PSTAT+6930	proteomics_stat	4374654	4374710	+	3	14	R.GVGEDISDGGNAISGAATK.A	23
PSTAT+6931	proteomics_stat	4374666	4374710	+	3	3	E.DISDGGNAISGAATK.A	19
PSTAT+6932	proteomics_stat	4374675	4374710	+	3	2	S.DGGNAISGAATK.A	16
PSTAT+6933	proteomics_stat	4381284	4381358	+	3	6	K.EKPTFVYHFPASQASLAQISTEDHR.V	29
PSTAT+6934	proteomics_stat	4381389	4381433	+	3	2	K.GIELANGFHELTAR.E	19
PSTAT+6935	proteomics_stat	4389876	4389908	+	3	2	R.EAELATLEFLK.Q	15
PSTAT+6936	proteomics_stat	4389930	4389968	+	3	2	K.SPICGNSIGQDRR.F	17

PSTAT+6937	proteomics_stat	4389930	4389965	+	3	2	K.SPICGNSIGQDR.R	16
PSTAT+6938	proteomics_stat	4389981	4390016	+	3	2	K.YMPELEAYFHYP.Y	16
PSTAT+6939	proteomics_stat	4389984	4390016	+	3	5	Y.MPELEAYFHYP.Y	15
PSTAT+6940	proteomics_stat	4390053	4390088	+	3	3	R.RWKPEILDGFTK.Q	16
PSTAT+6941	proteomics_stat	4390056	4390088	+	3	6	R.WKPEILDGFTK.Q	15
PSTAT+6942	proteomics_stat	4392173	4392220	+	2	3	R.EAADVLGLTYELMLR.A	20
PSTAT+6943	proteomics_stat	4393130	4393189	+	2	2	R.KPMLWDADALNLLAINPDKR.H	24
PSTAT+6944	proteomics_stat	4393577	4393633	+	2	2	R.IVNPEVTDKNHDESSNSAP.-	23
PSTAT+6945	proteomics_stat	4393746	4393784	+	3	5	R.GFLQALGHQGNVK.S	17
PSTAT+6946	proteomics_stat	4397028	4397078	+	3	4	R.QQNLQILIPELIGYLAK.Q	21
PSTAT+6947	proteomics_stat	4399271	4399324	+	2	3	R.IKADVPTVSLVGYTNAGK.S	22
PSTAT+6948	proteomics_stat	4399358	4399405	+	2	2	R.VYAADQLFATLDPTLR.R	20
PSTAT+6949	proteomics_stat	4399409	4399465	+	2	3	R.IDVADVGETVLADTVGFIR.H	23
PSTAT+6950	proteomics_stat	4399565	4399648	+	2	2	R.VQENIEAVNTVLEEIDAHEIPTLLVMNK.I	32
PSTAT+6951	proteomics_stat	4399679	4399711	+	2	2	R.IDRDEENKPNR.V	15
PSTAT+6952	proteomics_stat	4399712	4399774	+	2	3	R.VWLSAQTGAGIPQLFQALTER.L	25
PSTAT+6953	proteomics_stat	4399775	4399807	+	2	4	R.LSGEVAQHTLR.L	15
PSTAT+6954	proteomics_stat	4400154	4400198	+	3	2	K.GGRDQGGPDLDDIFR.K	19
PSTAT+6955	proteomics_stat	4400163	4400198	+	3	5	R.DQGGPDLDDIFR.K	16
PSTAT+6956	proteomics_stat	4400238	4400297	+	3	3	K.GTGGSGGSSSQGPRPQLGGR.V	24
PSTAT+6957	proteomics_stat	4400400	4400483	+	3	23	K.FSHLVEPGLNWKPTFIDEVKPVNVEAVR.E	32
PSTAT+6958	proteomics_stat	4400484	4400534	+	3	5	R.ELAASGVMLTSDENVVR.V	21
PSTAT+6959	proteomics_stat	4400535	4400558	+	3	2	R.VEMNVQYR.V	12
PSTAT+6960	proteomics_stat	4400577	4400615	+	3	4	K.YLYSVTSPDDSLR.Q	17
PSTAT+6961	proteomics_stat	4400715	4400804	+	3	13	R.ELEETIRPYDMGITLLDVNFQAARPPEEVK.A	34
PSTAT+6962	proteomics_stat	4400805	4400834	+	3	5	K.AAFDDAIAAR.E	14
PSTAT+6963	proteomics_stat	4400859	4400894	+	3	5	R.EAEAYTNEVQPR.A	16
PSTAT+6964	proteomics_stat	4400943	4400981	+	3	4	K.AQTILEAQGEVAR.F	17
PSTAT+6965	proteomics_stat	4401078	4401140	+	3	3	R.KVLVNDKGGNLMVPLDQMLK.G	25
PSTAT+6966	proteomics_stat	4401099	4401140	+	3	2	K.GGNLMVPLDQMLK.G	18
PSTAT+6967	proteomics_stat	4401165	4401194	+	3	2	K.SDNGASNLLR.L	14
PSTAT+6968	proteomics_stat	4401195	4401275	+	3	21	R.LPPASSSTTSGASNTSSTSQGDIMDQR.R	31
PSTAT+6969	proteomics_stat	4401431	4401487	+	2	13	K.VLRDDDNKPLVYEPGLHFK.I	23
PSTAT+6970	proteomics_stat	4401527	4401556	+	2	3	R.IQTMNDNQADR.F	14
PSTAT+6971	proteomics_stat	4401575	4401604	+	2	2	K.KDLIVDSYIK.W	14
PSTAT+6972	proteomics_stat	4401578	4401604	+	2	2	K.DLIVDSYIK.W	13
PSTAT+6973	proteomics_stat	4401629	4401682	+	2	5	R.YYLATGGGDISQAEVLLK.R	22
PSTAT+6974	proteomics_stat	4401779	4401865	+	2	79	R.DALNSGSAGTEDEVTTPAADNAIAEAAER.V	33
PSTAT+6975	proteomics_stat	4401827	4401865	+	2	3	T.PAADNAIAEAAER.V	17
PSTAT+6976	proteomics_stat	4401884	4401949	+	2	24	K.GKVPVINPNSMAALGIEVVDVR.I	26
PSTAT+6977	proteomics_stat	4401890	4401949	+	2	3	K.VPVINPNSMAALGIEVVDVR.I	24
PSTAT+6978	proteomics_stat	4401950	4402000	+	2	3	R.IKQINLPTEVSEAIYNR.M	21
PSTAT+6979	proteomics_stat	4401956	4402000	+	2	3	K.QINLPTEVSEAIYNR.M	19
PSTAT+6980	proteomics_stat	4402040	4402072	+	2	6	R.SQGQEEAEKLR.A	15
PSTAT+6981	proteomics_stat	4402073	4402099	+	2	4	R.ATADYEVTR.T	13
PSTAT+6982	proteomics_stat	4402130	4402165	+	2	9	R.IMRGEEDAEEAAK.L	16

PSTAT+6983	proteomics_stat	4402166	4402216	+	2	5	K.LFADAFSKDPDFYAFIR.S	21
PSTAT+6984	proteomics_stat	4402226	4402294	+	2	3	R.AYENSFSGNQDVMVMSPDSDFFR.Y	27
PSTAT+6985	proteomics_stat	4402226	4402276	+	2	18	R.AYENSFSGNQDVMVMSP.D	21
PSTAT+6986	proteomics_stat	4402713	4402760	+	3	5	M.GNNVVVLGTQWGDEGK.G	20
PSTAT+6987	proteomics_stat	4402713	4402766	+	3	9	M.GNNVVVLGTQWGDEGK.GK.I	22
PSTAT+6988	proteomics_stat	4402767	4402790	+	3	4	K.IVDLLTER.A	12
PSTAT+6989	proteomics_stat	4402809	4402859	+	3	12	R.YQGGHNAGHTLVINGEK.T	21
PSTAT+6990	proteomics_stat	4402860	4402895	+	3	16	K.TVLHLIPSGILR.E	16
PSTAT+6991	proteomics_stat	4402896	4402955	+	3	14	R.ENVTSIIGNGVVLSPAALMK.E	24
PSTAT+6992	proteomics_stat	4402902	4402955	+	3	2	N.VTSIIGNGVVLSPAALMK.E	22
PSTAT+6993	proteomics_stat	4402956	4402979	+	3	3	K.EMKELEDR.G	12
PSTAT+6994	proteomics_stat	4403001	4403063	+	3	20	R.LLLSEACPLILDYHVALDNAR.E	25
PSTAT+6995	proteomics_stat	4403022	4403063	+	3	2	C.PLILDYHVALDNAR.E	18
PSTAT+6996	proteomics_stat	4403154	4403192	+	3	14	R.VGDLFDKETFAEK.L	17
PSTAT+6997	proteomics_stat	4403193	4403243	+	3	8	K.LKEVMEYHNFQLVNYK.A	21
PSTAT+6998	proteomics_stat	4403199	4403243	+	3	16	K.EVMEYHNFQLVNYK.A	19
PSTAT+6999	proteomics_stat	4403244	4403267	+	3	9	K.AEAVDYQK.V	12
PSTAT+7000	proteomics_stat	4403247	4403267	+	3	2	A.EAVDYQK.V	11
PSTAT+7001	proteomics_stat	4403484	4403513	+	3	7	R.YVDYVLGILK.A	14
PSTAT+7002	proteomics_stat	4403529	4403588	+	3	3	R.VGAGPFPTLFDLDETFEFLCK.Q	24
PSTAT+7003	proteomics_stat	4403589	4403621	+	3	5	K.QGNEFGATTGR.R	15
PSTAT+7004	proteomics_stat	4403628	4403660	+	3	3	R.RTGWLDTVAVR.R	15
PSTAT+7005	proteomics_stat	4403631	4403660	+	3	2	R.TGWLDTVAVR.R	14
PSTAT+7006	proteomics_stat	4403661	4403705	+	3	3	R.RAVQLNLSLGSFCLTK.L	19
PSTAT+7007	proteomics_stat	4403664	4403705	+	3	9	R.AVQLNLSLGSFCLTK.L	18
PSTAT+7008	proteomics_stat	4403772	4403810	+	3	8	R.EVTTTPLAADDWK.G	17
PSTAT+7009	proteomics_stat	4403811	4403870	+	3	3	K.GVEPIYETMPGWSESTFGVK.D	24
PSTAT+7010	proteomics_stat	4403877	4403912	+	3	9	R.SGLPQAALNYIK.R	16
PSTAT+7011	proteomics_stat	4403913	4403969	+	3	7	K.RIEELTGVPIDIISTGPDR.T	23
PSTAT+7012	proteomics_stat	4403913	4403990	+	3	13	K.RIEELTGVPIDIISTGPDR.TETMILR.D	30
PSTAT+7013	proteomics_stat	4403916	4403969	+	3	3	R.IEELTGVPIDIISTGPDR.T	22
PSTAT+7014	proteomics_stat	4404543	4404620	+	3	3	K.AVQSFLTELDNYTLADLVEENQPLYK.L	30
PSTAT+7015	proteomics_stat	4404740	4404766	+	2	4	R.EFILEHLTK.R	13
PSTAT+7016	proteomics_stat	4404869	4404892	+	2	5	R.DGQLVFTR.R	12
PSTAT+7017	proteomics_stat	4404989	4405024	+	2	5	R.KDDLYSSEQMK.T	16
PSTAT+7018	proteomics_stat	4405025	4405075	+	2	5	K.TCIHGDQVLAQPLGADR.K	21
PSTAT+7019	proteomics_stat	4405025	4405078	+	2	4	K.TCIHGDQVLAQPLGADR.K.G	22
PSTAT+7020	proteomics_stat	4405142	4405189	+	2	2	R.YFTEAGVGFVPPDDSR.L	20
PSTAT+7021	proteomics_stat	4405304	4405363	+	2	10	K.IVEVLGDNMGTGMAVDIALR.T	24
PSTAT+7022	proteomics_stat	4405364	4405447	+	2	8	R.THEIPYIWPQAVEQQVAGLKEEVPEEAK.A	32
PSTAT+7023	proteomics_stat	4405364	4405423	+	2	2	R.THEIPYIWPQAVEQQVAGLK.E	24
PSTAT+7024	proteomics_stat	4405469	4405507	+	2	5	R.DLPLVTIDGEDAR.D	17
PSTAT+7025	proteomics_stat	4405508	4405537	+	2	6	R.DFDDAVYCEK.K	14
PSTAT+7026	proteomics_stat	4405634	4405726	+	2	4	R.GTSVYFPSQVIPMLPEVLSNGLCSLNPQVDR.L	35
PSTAT+7027	proteomics_stat	4405784	4405816	+	2	3	K.FYEAVMSSSHAR.L	15
PSTAT+7028	proteomics_stat	4405832	4405867	+	2	3	K.VWHILQGDQDLR.E	16

PSTAT+7029	proteomics_stat	4406048	4406092	+	2	8	K.LIEECMILANISAAR.F	19
PSTAT+7030	proteomics_stat	4406129	4406170	+	2	2	R.IHDKPSTEAITSF.R.S	18
PSTAT+7031	proteomics_stat	4406171	4406227	+	2	7	R.SVLAELGLELPGGNKPEPR.D	23
PSTAT+7032	proteomics_stat	4406228	4406299	+	2	22	R.DYAEELLESVADRPDAEMLQTMLLR.S	28
PSTAT+7033	proteomics_stat	4406336	4406371	+	2	4	R.GHFGLALQSYAH.F	16
PSTAT+7034	proteomics_stat	4406390	4406416	+	2	4	R.RYPDLTLHR.A	13
PSTAT+7035	proteomics_stat	4406393	4406416	+	2	2	R.YPDLTLHR.A	12
PSTAT+7036	proteomics_stat	4406441	4406539	+	2	3	K.EQGHQGNNTTETGGYHYSMEEMLQLGQHCSMAER.R	37
PSTAT+7037	proteomics_stat	4406747	4406779	+	2	2	R.LMGESSGQTYR.L	15
PSTAT+7038	proteomics_stat	4406804	4406830	+	2	2	R.VEAVNMDER.K	13
PSTAT+7039	proteomics_stat	4406831	4406863	+	2	7	R.KIDFSLISSER.A	15
PSTAT+7040	proteomics_stat	4406954	4406986	+	2	3	K.KVNFEPDSAFR.G	15
PSTAT+7041	proteomics_stat	4407301	4407348	+	1	9	M.SEMIYGIHAVQALLER.A	20
PSTAT+7042	proteomics_stat	4407403	4407462	+	1	2	R.LLPLIHALESQGVVIQLANR.Q	24
PSTAT+7043	proteomics_stat	4407481	4407516	+	1	10	K.SDGAVHQGIAR.V	16
PSTAT+7044	proteomics_stat	4407640	4407681	+	1	4	R.SADAAGVHAVIVPK.D	18
PSTAT+7045	proteomics_stat	4407682	4407714	+	1	3	K.DRSAQLNATAK.K	15
PSTAT+7046	proteomics_stat	4407688	4407714	+	1	6	R.SAQLNATAK.K	13
PSTAT+7047	proteomics_stat	4407715	4407756	+	1	2	K.KVACGAAESVPLIR.V	18
PSTAT+7048	proteomics_stat	4407784	4407855	+	1	5	R.MLQEENIWIVGTAGEADHTLYQSK.M	28
PSTAT+7049	proteomics_stat	4411180	4411203	+	1	2	R.QIEEQIEK.P	12
PSTAT+7050	proteomics_stat	4412397	4412477	+	3	2	R.EGAGWDSDFLASIGQQLGTAESLELGR.L	31
PSTAT+7051	proteomics_stat	4412595	4412627	+	3	3	R.VHNLAWEEDAR.S	15
PSTAT+7052	proteomics_stat	4412859	4412894	+	3	2	K.QGGSDVMSNTR.A	16
PSTAT+7053	proteomics_stat	4413462	4413536	+	3	7	R.GMPFVAEAMEVLGGIGYCEESELPR.L	29
PSTAT+7054	proteomics_stat	4413621	4413668	+	3	2	K.QAGVYDLLSEAFVEVK.G	20
PSTAT+7055	proteomics_stat	4413747	4413797	+	3	2	R.EITHQLFLLGCGAQLK.Y	21
PSTAT+7056	proteomics_stat	4413864	4413899	+	3	4	R.LSEQIQNDLLLR.A	16
PSTAT+7057	proteomics_stat	4414996	4415043	+	1	2	R.ELADIPVLHAYVPGQK.D	20
PSTAT+7058	proteomics_stat	4415596	4415631	+	1	3	R.LQQALSETGRDK.L	16
PSTAT+7059	proteomics_stat	4423147	4423212	+	1	91	R.HYEIVFMVHPDQSEQVPGMIER.Y	26
PSTAT+7060	proteomics_stat	4423168	4423212	+	1	2	M.VHPDQSEQVPGMIER.Y	19
PSTAT+7061	proteomics_stat	4423213	4423245	+	1	16	R.YTAAITGAEGK.I	15
PSTAT+7062	proteomics_stat	4423306	4423377	+	1	10	H.KAHYVLMNVEAPQEVIDELETTFR.F	28
PSTAT+7063	proteomics_stat	4423309	4423377	+	1	121	K.AHYVLMNVEAPQEVIDELETTFR.F	27
PSTAT+7064	proteomics_stat	4423315	4423377	+	1	3	H.YVLMNVEAPQEVIDELETTFR.F	25
PSTAT+7065	proteomics_stat	4423318	4423377	+	1	3	Y.VLMNVEAPQEVIDELETTFR.F	24
PSTAT+7066	proteomics_stat	4423324	4423377	+	1	5	L.MNVEAPQEVIDELETTFR.F	22
PSTAT+7067	proteomics_stat	4423327	4423377	+	1	3	M.NVEAPQEVIDELETTFR.F	21
PSTAT+7068	proteomics_stat	4423330	4423377	+	1	4	N.VEAPQEVIDELETTFR.F	20
PSTAT+7069	proteomics_stat	4423378	4423398	+	1	5	R.FNDAVIR.S	11
PSTAT+7070	proteomics_stat	4423414	4423452	+	1	7	R.TKHAVTEASPMVK.A	17
PSTAT+7071	proteomics_stat	4423420	4423452	+	1	32	K.HAVTEASPMVK.A	15
PSTAT+7072	proteomics_stat	4423477	4423533	+	1	5	R.RDDFANETADDAEAGDSEE.-	23
PSTAT+7073	proteomics_stat	4423477	4423530	+	1	3	R.RDDFANETADDAEAGDSEE.E	22
PSTAT+7074	proteomics_stat	4423895	4423951	+	2	6	C.RFTAEGVQEIDYKDIATLK.N	23

PSTAT+7075	proteomics_stat	4423895	4423933	+	2	5	C.RFTAEGVQEIDYK.D	17
PSTAT+7076	proteomics_stat	4423898	4423951	+	2	177	R.FTAEGVQEIDYKDIATLK.N	22
PSTAT+7077	proteomics_stat	4423898	4423933	+	2	6	R.FTAEGVQEIDYK.D	16
PSTAT+7078	proteomics_stat	4423952	4423975	+	2	6	K.NYITESGK.I	12
PSTAT+7079	proteomics_stat	4424048	4424080	+	2	4	A.RYLSLLPYTDR.H	15
PSTAT+7080	proteomics_stat	4424051	4424080	+	2	4	R.YLSLLPYTDR.H	14
PSTAT+7081	proteomics_stat	4424131	4424154	+	1	3	V.MQVILLDK.V	12
PSTAT+7082	proteomics_stat	4424155	4424196	+	1	19	K.VANLGS LGDQVNVK.A	18
PSTAT+7083	proteomics_stat	4424155	4424202	+	1	2	K.VANLGS LGDQVNVKAG.Y	20
PSTAT+7084	proteomics_stat	4424158	4424196	+	1	2	V.ANLGS LGDQVNVK.A	17
PSTAT+7085	proteomics_stat	4424254	4424280	+	1	17	K.KNIEFFEAR.R	13
PSTAT+7086	proteomics_stat	4424257	4424280	+	1	2	K.NIEFFEAR.R	12
PSTAT+7087	proteomics_stat	4424299	4424334	+	1	2	A.KLAEVLAAANAR.A	16
PSTAT+7088	proteomics_stat	4424302	4424334	+	1	18	K.LAEVLAAANAR.A	15
PSTAT+7089	proteomics_stat	4424302	4424349	+	1	2	K.LAEVLAAANARA EKIN.A	20
PSTAT+7090	proteomics_stat	4424305	4424334	+	1	6	L.AEVLAAANAR.A	14
PSTAT+7091	proteomics_stat	4424344	4424379	+	1	14	K.INALETVTIASK.A	16
PSTAT+7092	proteomics_stat	4424380	4424421	+	1	6	K.AGDEGKLF GSIGTR.D	18
PSTAT+7093	proteomics_stat	4424422	4424466	+	1	60	R.DIADAVTAAGVEVAK.S	19
PSTAT+7094	proteomics_stat	4424434	4424466	+	1	6	D.AVTAAGVEVAK.S	15
PSTAT+7095	proteomics_stat	4424467	4424499	+	1	4	K.SEVRLPNGVLR.T	15
PSTAT+7096	proteomics_stat	4424500	4424553	+	1	729	R.TTGEHEV SFQVHSEVFAK.V	22
PSTAT+7097	proteomics_stat	4427105	4427137	+	2	7	K.HPAVPVDVVHR.A	15
PSTAT+7098	proteomics_stat	4427186	4427215	+	2	2	R.FQAMAAEGVK.Y	14
PSTAT+7099	proteomics_stat	4427237	4427278	+	2	4	K.KEGVN STESGLQFR.V	18
PSTAT+7100	proteomics_stat	4427240	4427278	+	2	3	K.EGVN STESGLQFR.V	17
PSTAT+7101	proteomics_stat	4427279	4427314	+	2	4	R.VINQGE GAI PAR.T	16
PSTAT+7102	proteomics_stat	4427348	4427386	+	2	4	K.LIDGT VFDSSVAR.G	17
PSTAT+7103	proteomics_stat	4427354	4427386	+	2	4	I.DGT VFDSSVAR.G	15
PSTAT+7104	proteomics_stat	4427387	4427467	+	2	16	R.GEPAEFPVNGVIPGWIEAL TLMPVGSK.W	31
PSTAT+7105	proteomics_stat	4427468	4427509	+	2	4	K.WELTIPQELAYGER.G	18
PSTAT+7106	proteomics_stat	4427905	4427946	+	1	2	K.VVADDQAPAEQSLR.R	18
PSTAT+7107	proteomics_stat	4428847	4428885	+	1	2	R.MLFGLAQEGVAPK.A	17
PSTAT+7108	proteomics_stat	4434778	4434807	+	1	2	E.MLDQVCQLAR.N	14
PSTAT+7109	proteomics_stat	4435168	4435194	+	1	2	K.AWKEECGVR.K	13
PSTAT+7110	proteomics_stat	4435213	4435245	+	1	3	R.DARPLLVISR.S	15
PSTAT+7111	proteomics_stat	4435246	4435269	+	1	2	R.SHADAE LK.E	12
PSTAT+7112	proteomics_stat	4435246	4435326	+	1	5	R.SHADAE LKEYLQQLGEHQ TTSIGSSLK.F	31
PSTAT+7113	proteomics_stat	4435270	4435326	+	1	3	K.EYLQQLGEHQ TTSIGSSLK.F	23
PSTAT+7114	proteomics_stat	4435327	4435368	+	1	3	K.FCLVAEGQAQLYPR.F	18
PSTAT+7115	proteomics_stat	4435369	4435476	+	1	9	R.FGPTNIWDTAAGHAVAAAAGAHVHDWQGKPLDYTPR.E	40
PSTAT+7116	proteomics_stat	4440525	4440569	+	3	3	R.AQLSTIESDEVTPDR.R	19
PSTAT+7117	proteomics_stat	4440780	4440845	+	3	2	K.LLDTRPAIGTVLNQGDYENFKK.S	26
PSTAT+7118	proteomics_stat	4440780	4440842	+	3	2	K.LLDTRPAIGTVLNQGDYENFK.K	25
PSTAT+7119	proteomics_stat	4441413	4441463	+	3	3	R.TDLNDESDSTTLVASR.Y	21
PSTAT+7120	proteomics_stat	4442432	4442458	+	2	3	K.DIQVNIDSK.K	13

PSTAT+7121	proteomics_stat	4443743	4443817	+	2	2	K.DLNLDATINAPGLDNALPGLGGTAK.G	29
PSTAT+7122	proteomics_stat	4444583	4444639	+	2	2	R.LTNNQFDGQVQVTPQGR.R	23
PSTAT+7123	proteomics_stat	4446220	4446255	+	1	2	K.LIESGDWLDRDK.-	16
PSTAT+7124	proteomics_stat	4448048	4448098	+	2	17	A.APLTVGFSQVGSSESGWR.A	21
PSTAT+7125	proteomics_stat	4448204	4448278	+	2	75	R.SFVAQGVDAIFIAPVVATGWEPVLK.E	29
PSTAT+7126	proteomics_stat	4448288	4448320	+	2	6	K.DAEIPVFLDR.S	15
PSTAT+7127	proteomics_stat	4448336	4448389	+	2	4	K.DKSLYMTTADNILEGK.L	22
PSTAT+7128	proteomics_stat	4448342	4448389	+	2	15	K.SLYMTTADNILEGK.L	20
PSTAT+7129	proteomics_stat	4448393	4448413	+	2	2	L.IGDWLVK.E	11
PSTAT+7130	proteomics_stat	4448570	4448599	+	2	6	K.GKEVMESFIK.A	14
PSTAT+7131	proteomics_stat	4448576	4448599	+	2	2	K.EVMESFIK.A	12
PSTAT+7132	proteomics_stat	4448618	4448680	+	2	7	K.NICMVYAHNDDMVIGAIQAIK.E	25
PSTAT+7133	proteomics_stat	4448681	4448749	+	2	7	K.EAGLKPGKDILTGSIDGVPDIYK.A	27
PSTAT+7134	proteomics_stat	4448705	4448749	+	2	10	K.DILTGSIDGVPDIYK.A	19
PSTAT+7135	proteomics_stat	4448750	4448830	+	2	11	K.AMMDGEANASVELTPNMAGPAFPALEK.Y	31
PSTAT+7136	proteomics_stat	4448876	4448920	+	2	6	K.STLYLPDTAKEELEK.K	19
PSTAT+7137	proteomics_stat	4449813	4449839	+	3	2	R.ELDTHALQR.A	13
PSTAT+7138	proteomics_stat	4450206	4450232	+	3	4	R.KEQQEIAER.F	13
PSTAT+7139	proteomics_stat	4450326	4450373	+	3	2	R.WLLTRPQFLILDEPTR.G	20
PSTAT+7140	proteomics_stat	4453940	4454026	+	2	5	K.QGIELIQGYDASQLEPQPDVLIIGNAMTR.G	33
PSTAT+7141	proteomics_stat	4454060	4454110	+	2	3	K.NIPYMSGPQWLHDFVLR.D	21
PSTAT+7142	proteomics_stat	4454345	4454401	+	2	3	R.TLILNLEFDHADIFDDLK.A	23
PSTAT+7143	proteomics_stat	4454558	4454608	+	2	3	K.KLTDDASEWEVLLDGEK.V	21
PSTAT+7144	proteomics_stat	4454684	4454743	+	2	9	R.HVGVAPADAANALGSFINAR.R	24
PSTAT+7145	proteomics_stat	4454762	4454842	+	2	7	R.GEANGVTYDDFAHHPTAILATLAALR.G	31
PSTAT+7146	proteomics_stat	4454906	4454947	+	2	2	K.MGICKDDLAPSLGR.A	18
PSTAT+7147	proteomics_stat	4454921	4454947	+	2	3	K.DDLAPSLGR.A	13
PSTAT+7148	proteomics_stat	4455074	4455139	+	2	7	K.TAQPGDHILVMSNGGFGGIHQK.L	26
PSTAT+7149	proteomics_stat	4456000	4456026	+	1	2	K.VISQVEAQR.K	13
PSTAT+7150	proteomics_stat	4456000	4456029	+	1	3	K.VISQVEAQRK.I	14
PSTAT+7151	proteomics_stat	4456027	4456077	+	1	8	R.KILEEAVSTALELASGK.S	21
PSTAT+7152	proteomics_stat	4456078	4456107	+	1	5	K.SDGAEVAVSK.T	14
PSTAT+7153	proteomics_stat	4456081	4456107	+	1	3	S.DGAEVAVSK.T	13
PSTAT+7154	proteomics_stat	4456108	4456134	+	1	2	K.TTGISVSTR.Y	13
PSTAT+7155	proteomics_stat	4456207	4456254	+	1	5	R.KGSASSTDLSPPQAIAR.T	20
PSTAT+7156	proteomics_stat	4456210	4456254	+	1	2	K.GSASSTDLSPPQAIAR.T	19
PSTAT+7157	proteomics_stat	4456324	4456410	+	1	2	K.ELLAFDAPDLDFHPAEVSPDEAIELAAR.A	33
PSTAT+7158	proteomics_stat	4456411	4456443	+	1	7	R.AEQAALQADKR.I	15
PSTAT+7159	proteomics_stat	4456444	4456491	+	1	5	R.ITNTEGGSFNSHYGVK.V	20
PSTAT+7160	proteomics_stat	4456492	4456539	+	1	6	K.VFGNSHGMQLQGYCSTR.H	20
PSTAT+7161	proteomics_stat	4456540	4456590	+	1	5	R.HSLSSCVIAEENGDMER.D	21
PSTAT+7162	proteomics_stat	4456615	4456665	+	1	2	R.AMSDLQTPWVVGADCAR.R	21
PSTAT+7163	proteomics_stat	4456711	4456794	+	1	17	K.APVIFANEVATGLFGHLVGAIIAGGSVYR.K	32
PSTAT+7164	proteomics_stat	4456828	4456878	+	1	3	K.QILPDWLTIEHPHLLK.G	21
PSTAT+7165	proteomics_stat	4457038	4457076	+	1	2	R.IAGQGLSFEQMLK.E	17
PSTAT+7166	proteomics_stat	4457077	4457151	+	1	4	K.EMGTGLVVTLMGQGVSAITGDYSR.G	29

PSTAT+7167	proteomics_stat	4465696	4465770	+	1	2	R.LVHRDPLPGAQQTVNTVVPPSLSAH.C	29
PSTAT+7168	proteomics_stat	4472603	4472656	+	2	2	R.AQCVTDFMSTVMMSGLSAK.A	22
PSTAT+7169	proteomics_stat	4472885	4472938	+	2	8	K.MIIGNIHNLPWLQPQLR.Q	22
PSTAT+7170	proteomics_stat	4472960	4472986	+	2	3	K.AHVTAETPK.G	13
PSTAT+7171	proteomics_stat	4473014	4473061	+	2	4	R.LFYLISEDMTEPYEAR.R	20
PSTAT+7172	proteomics_stat	4473215	4473307	+	2	12	K.TVILNEGDFVVFYPGEVHKPLCAVGAPAQVR.K	35
PSTAT+7173	proteomics_stat	4476499	4476540	+	1	3	M.ANPEQLEEQREETR.L	18
PSTAT+7174	proteomics_stat	4476541	4476639	+	1	30	R.LIIELLEDDGSDPDALYTIEHHSADDLETLEK.A	37
PSTAT+7175	proteomics_stat	4476805	4476909	+	1	2	K.FDVEYDVGWGTYPEDPNGEDGDDDEFVDEDDDDGVRH.-	39
PSTAT+7176	proteomics_stat	4484619	4484648	+	3	5	R.HQDEVLAEAK.A	14
PSTAT+7177	proteomics_stat	4484781	4484837	+	3	2	K.GNARPSVVVADSGHLTQLR.D	23
PSTAT+7178	proteomics_stat	4484838	4484876	+	3	9	R.DGSQVVTLNQGTR.F	17
PSTAT+7179	proteomics_stat	4485749	4485805	+	2	2	R.AQAMYGGSLSTQQGLWAK.D	23
PSTAT+7180	proteomics_stat	4485806	4485835	+	2	3	K.DGNNFVYIER.V	14
PSTAT+7181	proteomics_stat	4485956	4485994	+	2	3	R.LSQVDESDLTNPK.Q	17
PSTAT+7182	proteomics_stat	4486034	4486117	+	2	3	K.TNLTDPKLGVALDPDALSISGLHNYVK.Y	32
PSTAT+7183	proteomics_stat	4503634	4503699	+	1	3	K.EAGVTFMAGHIMNFFNGVQYAR.K	26
PSTAT+7184	proteomics_stat	4504159	4504215	+	1	2	K.GNMTSEMDGAIAYGHPGKK.T	23
PSTAT+7185	proteomics_stat	4518042	4518086	+	3	3	P.HQLCIITFSGMFAIR.H	19
PSTAT+7186	proteomics_stat	4542633	4542671	+	3	2	R.ILDATNNQLPQDR.E	17
PSTAT+7187	proteomics_stat	4549677	4549718	+	3	2	R.WYGPNDPVSLADV.R.Q	18
PSTAT+7188	proteomics_stat	4549875	4549928	+	3	2	K.THTGNYEQWIANYQQTLR.N	22
PSTAT+7189	proteomics_stat	4550085	4550141	+	3	2	K.RPGAADYTEEEIAQAAER.F	23
PSTAT+7190	proteomics_stat	4550142	4550174	+	3	3	R.FATMSDEDKAR.L	15
PSTAT+7191	proteomics_stat	4551371	4551400	+	2	3	K.HDLENPTAPK.S	14
PSTAT+7192	proteomics_stat	4551749	4551796	+	2	2	K.VGAQFVADVVPFEMMK.L	20
PSTAT+7193	proteomics_stat	4585638	4585700	+	3	3	R.WQNTVGRPELQAFYGALAGQK.A	25
PSTAT+7194	proteomics_stat	4590370	4590450	+	1	11	R.HIAGGDLVKPIEVDGSNEMQLAESLR.H	31
PSTAT+7195	proteomics_stat	4590493	4590561	+	1	4	R.NGANAIYSGASEIATGNNDLSSR.T	27
PSTAT+7196	proteomics_stat	4590652	4590696	+	1	4	R.QASHLALSASETAQR.G	19
PSTAT+7197	proteomics_stat	4590760	4590843	+	1	2	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PSTAT+7198	proteomics_stat	4590760	4590843	+	1	2	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PSTAT+7199	proteomics_stat	4590961	4591032	+	1	10	K.VDVGSTLVESAGETMAEIVSAVTR.V	28
PSTAT+7200	proteomics_stat	4591033	4591083	+	1	3	R.VTDIMGEIASASDEQSR.G	21
PSTAT+7201	proteomics_stat	4591033	4591083	+	1	3	R.VTDIMGEIASASDEQSR.G	21
PSTAT+7202	proteomics_stat	4607476	4607514	+	1	2	R.RTFAIISHPDAGK.T	17
PSTAT+7203	proteomics_stat	4607479	4607514	+	1	2	R.TFAIISHPDAGK.T	16
PSTAT+7204	proteomics_stat	4607533	4607577	+	1	5	K.VLLFGQAIQTAGTVK.G	19
PSTAT+7205	proteomics_stat	4607830	4607865	+	1	3	R.LRDTPILTFMNK.L	16
PSTAT+7206	proteomics_stat	4607866	4607925	+	1	3	K.LDRDIRDPMELLDEVENELK.I	24
PSTAT+7207	proteomics_stat	4607875	4607925	+	1	6	R.DIRDPMELLDEVENELK.I	21
PSTAT+7208	proteomics_stat	4607926	4607967	+	1	2	K.IGCAPITWPIGCGK.L	18
PSTAT+7209	proteomics_stat	4607977	4608027	+	1	7	K.GVYHLYKDETYLYQSGK.G	21
PSTAT+7210	proteomics_stat	4608061	4608141	+	1	3	K.GLNNPDLDAAVGEDLAQQLRDELELVK.G	31
PSTAT+7211	proteomics_stat	4608298	4608342	+	1	2	R.TVEASEDKFTGFVFK.I	19
PSTAT+7212	proteomics_stat	4608394	4608417	+	1	2	R.VVSGKYEK.G	12

PSTAT+7213	proteomics_stat	4608496	4608594	+	1	3	R.SHVEEAYPGDILGLHNHGTIQIGDTFTQGEMMK.F	37
PSTAT+7214	proteomics_stat	4608595	4608633	+	1	4	K.FTGIPNFAPELFR.R	17
PSTAT+7215	proteomics_stat	4608898	4608972	+	1	8	R.KNESQLALDGGDNLAYIATSMVNL.R.L	29
PSTAT+7216	proteomics_stat	4608901	4608972	+	1	2	K.NESQLALDGGDNLAYIATSMVNL.R.L	28
PSTAT+7217	proteomics_stat	4608973	4609017	+	1	3	R.LAQERYPDVQFHQTR.E	19
PSTAT+7218	proteomics_stat	4608988	4609017	+	1	7	R.YPDVQFHQTR.E	14
PSTAT+7219	proteomics_stat	4609503	4609565	+	3	2	A.ENNAQTTNESAGQKVDSSMNK.V	25
PSTAT+7220	proteomics_stat	4609503	4609544	+	3	5	A.ENNAQTTNESAGQK.V	18
PSTAT+7221	proteomics_stat	4609566	4609604	+	3	4	K.VGNFMDDSAITAK.V	17
PSTAT+7222	proteomics_stat	4609611	4609640	+	3	7	K.AALVDHDNIK.S	14
PSTAT+7223	proteomics_stat	4609674	4609730	+	3	156	K.VVTLSGFVESQAQAEAVK.V	23
PSTAT+7224	proteomics_stat	4609740	4609772	+	3	8	K.GVEGVTSVSDK.L	15
PSTAT+7225	proteomics_stat	4609740	4609784	+	3	8	K.GVEGVTSVSDKLVHR.D	19
PSTAT+7226	proteomics_stat	4609809	4609847	+	3	10	K.GYAGDTATTSEIK.A	17
PSTAT+7227	proteomics_stat	4609854	4609883	+	3	4	K.LLADDIVPSR.H	14
PSTAT+7228	proteomics_stat	4609857	4609883	+	3	3	L.LADDIVPSR.H	13
PSTAT+7229	proteomics_stat	4609863	4609958	+	3	4	A.DDIVPSRHVKVETTDGVVQLSGTVDSQAQSDR.A	36
PSTAT+7230	proteomics_stat	4609884	4609976	+	3	2	R.HVKVETTDGVVQLSGTVDSQAQSDRAESIAK.A	35
PSTAT+7231	proteomics_stat	4609884	4609958	+	3	3	R.HVKVETTDGVVQLSGTVDSQAQSDR.A	29
PSTAT+7232	proteomics_stat	4609893	4609976	+	3	3	K.VETTDGVVQLSGTVDSQAQSDRAESIAK.A	32
PSTAT+7233	proteomics_stat	4609893	4609958	+	3	21	K.VETTDGVVQLSGTVDSQAQSDR.A	26
PSTAT+7234	proteomics_stat	4611720	4611764	+	3	3	K.HSDVSLEQLQALER.R	19
PSTAT+7235	proteomics_stat	4611960	4612007	+	3	4	R.TGVVHGFSGLQQAER.F	20
PSTAT+7236	proteomics_stat	4615385	4615456	+	2	2	K.LMDLTLNDDDTDEKVIALCHQAK.T	28
PSTAT+7237	proteomics_stat	4615385	4615429	+	2	5	K.LMDLTLNDDDTDEK.V	19
PSTAT+7238	proteomics_stat	4615430	4615456	+	2	2	K.VIALCHQAK.T	13
PSTAT+7239	proteomics_stat	4615457	4615498	+	2	6	K.TPVGNTAAICIYPR.F	18
PSTAT+7240	proteomics_stat	4615553	4615618	+	2	8	R.IATVTNFPHGNDIDIALAETR.A	26
PSTAT+7241	proteomics_stat	4615619	4615669	+	2	2	R.AAIAYGADEVVVPYR.A	21
PSTAT+7242	proteomics_stat	4615754	4615801	+	2	2	L.KVIIETGELKDEALIR.K	20
PSTAT+7243	proteomics_stat	4615757	4615801	+	2	4	K.VIIETGELKDEALIR.K	19
PSTAT+7244	proteomics_stat	4615802	4615825	+	2	2	R.KASEISIK.A	12
PSTAT+7245	proteomics_stat	4615862	4615894	+	2	2	K.VAVNATPESAR.I	15
PSTAT+7246	proteomics_stat	4615988	4616038	+	2	18	K.YLAIADELFGADWADAR.H	21
PSTAT+7247	proteomics_stat	4616048	4616083	+	2	3	R.FGASSLLASLLK.A	16
PSTAT+7248	proteomics_stat	4616288	4616320	+	2	2	R.DGHALSDEEIR.F	15
PSTAT+7249	proteomics_stat	4616471	4616503	+	2	6	K.SLHLNGPIVDK.H	15
PSTAT+7250	proteomics_stat	4616597	4616680	+	2	3	R.GLGHTGGTLDKLESIPGFDIFPDDNRF.R.E	32
PSTAT+7251	proteomics_stat	4616597	4616674	+	2	5	R.GLGHTGGTLDKLESIPGFDIFPDDNR.F	30
PSTAT+7252	proteomics_stat	4616681	4616749	+	2	4	R.EIIKDVGVAIIGQTSSLAPADKR.F	27
PSTAT+7253	proteomics_stat	4616765	4616821	+	2	4	R.DITATVDSIPLITASILAK.K	23
PSTAT+7254	proteomics_stat	4616822	4616863	+	2	2	K.KLAEGLDALVMDVK.V	18
PSTAT+7255	proteomics_stat	4616864	4616953	+	2	30	K.VGSGAFMPTYELSEALAEIVGVANGAGVR.T	34
PSTAT+7256	proteomics_stat	4617275	4617322	+	2	2	K.AVYADTEGFVSEMDTR.A	20
PSTAT+7257	proteomics_stat	4617365	4617415	+	2	2	R.QASDTIDYVGFDMAR.L	21
PSTAT+7258	proteomics_stat	4617416	4617466	+	2	10	R.LGDQVDGQRPLAVIHAK.D	21

PSTAT+7259	proteomics_stat	4617467	4617496	+	2	4	K.DENNWQEA.A	14
PSTAT+7260	proteomics_stat	4617518	4617559	+	2	4	K.LADKAPESTPTVYR.R	18
PSTAT+7261	proteomics_stat	4617635	4617691	+	2	23	R.AFIMVLDSFGIGATEDAER.F	23
PSTAT+7262	proteomics_stat	4617692	4617745	+	2	4	R.FGDVGADTLGHIAEACAK.G	22
PSTAT+7263	proteomics_stat	4617692	4617724	+	2	2	R.FGDVGADTLGH.I	15
PSTAT+7264	proteomics_stat	4617767	4617799	+	2	2	R.KGPLNLPNLTR.L	15
PSTAT+7265	proteomics_stat	4617815	4617913	+	2	2	K.AHEGSTGFIPAGMDGNAEVIGAYAWAHEMSSGK.D	37
PSTAT+7266	proteomics_stat	4618031	4618111	+	2	17	R.ANLPGYLGNCHSSGTVILDQLGEEHMK.T	31
PSTAT+7267	proteomics_stat	4618112	4618192	+	2	18	K.TGKPIFYTSADSVFQIACHEETFGLDK.L	31
PSTAT+7268	proteomics_stat	4618220	4618255	+	2	2	R.EELTNGGYNIGR.V	16
PSTAT+7269	proteomics_stat	4618256	4618285	+	2	3	R.VIARPFIDGK.A	14
PSTAT+7270	proteomics_stat	4618304	4618360	+	2	14	R.TGNRHDLAVEPPAPTTLQK.L	23
PSTAT+7271	proteomics_stat	4618316	4618360	+	2	6	R.HDLAVEPPAPTTLQK.L	19
PSTAT+7272	proteomics_stat	4618376	4618402	+	2	4	K.HGQVSVVGK.I	13
PSTAT+7273	proteomics_stat	4618403	4618438	+	2	4	K.IADIYANCGITK.K	16
PSTAT+7274	proteomics_stat	4618403	4618441	+	2	2	K.IADIYANCGITK.V	17
PSTAT+7275	proteomics_stat	4618448	4618486	+	2	5	K.ATGLDALFDATIK.E	17
PSTAT+7276	proteomics_stat	4618565	4618606	+	2	5	R.DVAGYAAGLELFD.R	18
PSTAT+7277	proteomics_stat	4618607	4618636	+	2	11	R.RLPELMSLLR.D	14
PSTAT+7278	proteomics_stat	4618637	4618708	+	2	2	R.DDDILILTADHGCDPTWTGTDHTR.E	28
PSTAT+7279	proteomics_stat	4618709	4618741	+	2	3	R.EHIPVLVYGPK.V	15
PSTAT+7280	proteomics_stat	4618769	4618804	+	2	2	R.ETFADIGQTLAK.Y	16
PSTAT+7281	proteomics_stat	4618909	4618980	+	1	13	M.ATPHINAEMGDFADVLMPGDPLR.A	28
PSTAT+7282	proteomics_stat	4618987	4619019	+	1	4	K.YIAETFLEDAR.E	15
PSTAT+7283	proteomics_stat	4619038	4619067	+	1	4	R.GMLGFTGYK.G	14
PSTAT+7284	proteomics_stat	4619074	4619130	+	1	4	R.KISVMGHGMGIPSCSIYTK.E	23
PSTAT+7285	proteomics_stat	4619077	4619130	+	1	8	K.ISVMGHGMGIPSCSIYTK.E	22
PSTAT+7286	proteomics_stat	4619170	4619205	+	1	14	R.VGSCGAVLPHVK.L	16
PSTAT+7287	proteomics_stat	4619206	4619250	+	1	9	K.LRDVVIGMGACTDSK.V	19
PSTAT+7288	proteomics_stat	4619212	4619250	+	1	11	R.DVVIGMGACTDSK.V	17
PSTAT+7289	proteomics_stat	4619266	4619313	+	1	31	R.FKDHDFAAIADFDMVR.N	20
PSTAT+7290	proteomics_stat	4619272	4619313	+	1	5	K.DHDFAAIADFDMVR.N	18
PSTAT+7291	proteomics_stat	4619356	4619424	+	1	14	R.VGNLFSADLFYSPDGEMFDVMEK.Y	27
PSTAT+7292	proteomics_stat	4619425	4619493	+	1	248	K.YGILGVEMEAAGIYGVAAEFGAK.A	27
PSTAT+7293	proteomics_stat	4619494	4619529	+	1	4	K.ALTICTVSDHIR.T	16
PSTAT+7294	proteomics_stat	4619587	4619622	+	1	4	K.IALESVLLGDKE.-	16
PSTAT+7295	proteomics_stat	4623185	4623226	+	2	2	R.LAHEAQLDVAPLQK.I	18
PSTAT+7296	proteomics_stat	4623683	4623760	+	2	3	R.LAQEYEIPLAQTVAIGDGANDLPMIK.A	30
PSTAT+7297	proteomics_stat	4624193	4624258	+	2	2	R.VLGGGVVPGSAILIGGNPGAGK.S	26
PSTAT+7298	proteomics_stat	4624871	4624945	+	2	2	V.EIQALVDHSMANPRRVAVGLEQNR.L	29
PSTAT+7299	proteomics_stat	4624921	4625007	+	1	5	R.GSGAGTKPSGNPAGCVAPSRWSANGRSGC.V	33
PSTAT+7300	proteomics_stat	4625656	4625706	+	1	2	R.ALFDMSMSQQPTVPDR.L	21
PSTAT+7301	proteomics_stat	4625752	4625823	+	1	4	R.IHAFNEEGMEPYPHGWDVWSNGIK.K	28
PSTAT+7302	proteomics_stat	4625989	4626033	+	1	4	R.YWEYIPTEVKPFFVR.T	19
PSTAT+7303	proteomics_stat	4626088	4626132	+	1	2	K.LANIFNTTSAWEYGR.D	19
PSTAT+7304	proteomics_stat	4626409	4626435	+	1	3	R.SLGSSVDRK.E	13

PSTAT+7305	proteomics_stat	4626493	4626519	+	1	2	R.VEEEDYDSR.F	13
PSTAT+7306	proteomics_stat	4629104	4629172	+	2	3	R.GLLAFSPEKPGTTEAQCNYYYAK.W	27
PSTAT+7307	proteomics_stat	4629539	4629601	+	2	2	R.LMIPSLAQAAQLNEDQIQELR.D	25
PSTAT+7308	proteomics_stat	4629680	4629706	+	2	2	R.SQSTSLIER.R	13
PSTAT+7309	proteomics_stat	4629854	4629883	+	2	2	K.EILHQLMQQR.G	14
PSTAT+7310	proteomics_stat	4629938	4629997	+	2	3	K.IDKAPQNVDSALTQGPENAR.V	24
PSTAT+7311	proteomics_stat	4630070	4630099	+	2	2	K.SKTEQAQLAR.Y	14
PSTAT+7312	proteomics_stat	4630634	4630684	+	2	2	R.YFMGDKPTLMSATEWGR.R	21
PSTAT+7313	proteomics_stat	4630864	4630926	+	1	5	K.NAYQNDLHLPLLNMLTPDER.E	25
PSTAT+7314	proteomics_stat	4630990	4631034	+	1	3	R.ELKNELGAGIATITR.G	19
PSTAT+7315	proteomics_stat	4631946	4631993	+	3	2	R.AKELGITHIISDLGR.T	20
PSTAT+7316	proteomics_stat	4631952	4631993	+	3	3	K.ELGITHIISDLGR.T	18
PSTAT+7317	proteomics_stat	4633742	4633822	+	2	4	K.GGLGLAEDTSDAAISCQVQVPIELSDR.I	31
PSTAT+7318	proteomics_stat	4633838	4633861	+	2	2	K.AQGEVVK.K	12
PSTAT+7319	proteomics_stat	4635454	4635522	+	1	2	S.MRVKLEGKNIYEQVYVYALTHELK.S	27
PSTAT+7320	proteomics_stat	4635478	4635522	+	1	2	K.NYIEQVYVYALTHELK.S	19
PSTAT+7321	proteomics_stat	4639061	4639099	+	2	2	R.IVDSQAHLEPATR.W	17
PSTAT+7322	proteomics_stat	4639217	4639267	+	2	2	K.YHYATPVPLVPLEEK.S	21
PSTAT+7323	proteomics_stat	4639457	4639498	+	2	2	K.SDATADQHQLQALR.E	18
PSTAT-1	proteomics_stat	5869	5913	-	5	5	K.KLNAEIIKPVFLDEK.N	19
PSTAT-2	proteomics_stat	5929	5997	-	5	2	K.LNEALAAQGDNVVINLASDEYFK.S	27
PSTAT-3	proteomics_stat	5998	6042	-	5	4	R.GKDLYQFWGDIITNK.L	19
PSTAT-4	proteomics_stat	6133	6207	-	5	3	K.GDVYTGGLQAETFSEDDFDFFAQQHLR.M	29
PSTAT-5	proteomics_stat	6229	6270	-	5	5	R.FHDWQPDFTPANAR.Q	18
PSTAT-6	proteomics_stat	6271	6306	-	5	2	R.ISDKLAGINAAR.F	16
PSTAT-7	proteomics_stat	6307	6342	-	5	2	R.KLTPPQISTLMR.I	16
PSTAT-8	proteomics_stat	20824	20850	-	5	6	K.ANLTAQINK.L	13
PSTAT-9	proteomics_stat	20899	20931	-	5	6	K.AFNEMQPIVDR.Q	15
PSTAT-10	proteomics_stat	20932	20967	-	5	2	A.AIEAGDKAAAQK.A	16
PSTAT-11	proteomics_stat	20932	20976	-	5	6	K.VYAAIEAGDKAAAQK.A	19
PSTAT-12	proteomics_stat	20947	20976	-	5	7	K.VYAAIEAGDK.A	14
PSTAT-13	proteomics_stat	20947	20979	-	5	38	K.KVYAAIEAGDK.A	15
PSTAT-14	proteomics_stat	29408	29434	-	6	3	P.VLENACAAR.R	13
PSTAT-15	proteomics_stat	50824	50877	-	5	3	K.LVMAHAGITPQWDLQTAK.E	22
PSTAT-16	proteomics_stat	50914	50967	-	5	2	R.LTPLLEAPDADELLNWL.R	22
PSTAT-17	proteomics_stat	51687	51752	-	4	5	R.NSLGNLFSVEVLTGMGIDPAMR.A	26
PSTAT-18	proteomics_stat	52179	52208	-	4	3	R.LQTHPFLGPK.L	14
PSTAT-19	proteomics_stat	52224	52319	-	4	2	K.GQAMVEIGPGLAALTEPVGERLDQLTVIELDR.D	36
PSTAT-20	proteomics_stat	52320	52388	-	4	19	R.FGQNFLNDQFVIDSIVSAINPQK.G	27
PSTAT-21	proteomics_stat	53449	53487	-	5	4	K.FSEEAASWMQEQR.A	17
PSTAT-22	proteomics_stat	53449	53490	-	5	4	R.KFSEEAASWMQEQR.A	18
PSTAT-23	proteomics_stat	53521	53550	-	5	2	R.NVDKTDAAQK.D	14
PSTAT-24	proteomics_stat	53641	53724	-	5	4	K.EFSQDPGSANQGGDLGWATPDIFDPAFR.D	32
PSTAT-25	proteomics_stat	53758	53790	-	5	5	R.VKLEQIAADIK.S	15
PSTAT-26	proteomics_stat	53839	53868	-	5	5	K.NISVTEVHAR.H	14
PSTAT-27	proteomics_stat	53869	53895	-	5	2	K.VNDLRGESK.N	13

PSTAT-28	proteomics_stat	53923	53949	-	5	4	K.KGDIVGPIR.S	13
PSTAT-29	proteomics_stat	53998	54060	-	5	6	K.LAIAHSADQQALNGGQMGWGR.I	25
PSTAT-30	proteomics_stat	54367	54432	-	5	2	K.ISDEQLDQAIANIAKQNNMTLD.Q	26
PSTAT-31	proteomics_stat	54388	54432	-	5	4	K.ISDEQLDQAIANIAK.Q	19
PSTAT-32	proteomics_stat	54445	54483	-	5	8	R.LIMDQIILQMGQK.M	17
PSTAT-33	proteomics_stat	54553	54621	-	5	6	K.VAAVVNNGVVLESDVDGLMQSVK.L	27
PSTAT-34	proteomics_stat	54553	54642	-	5	2	A.APQVVDKVAAVVNNGVVLESDVDGLMQSVK.L	34
PSTAT-35	proteomics_stat	54788	54832	-	6	4	R.GLSSNYGLGTQEMLR.S	19
PSTAT-36	proteomics_stat	55022	55072	-	6	4	K.NGISQVGAVASWPIADR.W	21
PSTAT-37	proteomics_stat	55100	55138	-	6	2	R.YASPEYIQTLPK.Y	17
PSTAT-38	proteomics_stat	55175	55213	-	6	3	L.DNVATSNSSIEYR.R	17
PSTAT-39	proteomics_stat	55175	55216	-	6	3	R.LDNVATSNSSIEYR.R	18
PSTAT-40	proteomics_stat	55388	55411	-	6	3	I.YDDAAVER.F	12
PSTAT-41	proteomics_stat	55415	55456	-	6	5	R.IASANQVTTGVTSR.I	18
PSTAT-42	proteomics_stat	55484	55549	-	6	29	R.DQSDIYNYDSSLLQSDYSGLFR.D	26
PSTAT-43	proteomics_stat	55577	55624	-	6	6	R.DMEMLAPGYTQTLEPR.A	20
PSTAT-44	proteomics_stat	55703	55753	-	6	3	K.LLATHYQQTNLDWYNSR.N	21
PSTAT-45	proteomics_stat	55754	55822	-	6	10	R.VHLEPTINLPLSNNWGSINTEAK.L	27
PSTAT-46	proteomics_stat	55847	55879	-	6	2	I.YGQAVHFVNTR.D	15
PSTAT-47	proteomics_stat	55847	55882	-	6	7	R.IYGQAVHFVNTR.D	16
PSTAT-48	proteomics_stat	55883	55984	-	6	2	K.QFQVFSEQNTSSSYSAEPQLDVNYYQNDVGPFDTR.I	38
PSTAT-49	proteomics_stat	55985	56035	-	6	3	K.FSVGYAVQNFNATVSTK.Q	21
PSTAT-50	proteomics_stat	56036	56071	-	6	3	K.YGSSTDGYATQK.F	16
PSTAT-51	proteomics_stat	56072	56110	-	6	2	K.VSDPSYFNDFDNK.Y	17
PSTAT-52	proteomics_stat	56180	56221	-	6	2	K.VYEDEHPNDDSSRR.W	18
PSTAT-53	proteomics_stat	56441	56497	-	6	5	K.VGPVPIFYSPYLQLPVGDK.R	23
PSTAT-54	proteomics_stat	56441	56503	-	6	3	R.FKVGVPVPIFYSPYLQLPVGDK.R	25
PSTAT-55	proteomics_stat	56675	56716	-	6	4	K.DTNVWEGDYQMVGR.Q	18
PSTAT-56	proteomics_stat	56750	56803	-	6	2	R.TVDALGNVHYDDNQVILK.G	22
PSTAT-57	proteomics_stat	56804	56833	-	6	2	K.EAPGQPEPVR.T	14
PSTAT-58	proteomics_stat	56834	56866	-	6	6	R.LQADEVQLHQK.E	15
PSTAT-59	proteomics_stat	56867	56929	-	6	2	K.GDYPDDAVFTGSVDIMQNSR.L	25
PSTAT-60	proteomics_stat	60397	60435	-	5	3	R.QQVMESLDQAGWR.L	17
PSTAT-61	proteomics_stat	60505	60543	-	5	3	R.NEADEKLSAELSR.L	17
PSTAT-62	proteomics_stat	60574	60639	-	5	13	K.LVNAVQQDVHAILQLGEAQIEK.S	26
PSTAT-63	proteomics_stat	60676	60723	-	5	4	K.NGNLAAQVEFETFNR.Q	20
PSTAT-64	proteomics_stat	60850	60909	-	5	4	R.NGLDLILSGDTSSTISLLK.N	24
PSTAT-65	proteomics_stat	60910	60951	-	5	3	R.EDAQFITWEHPLIR.N	18
PSTAT-66	proteomics_stat	61171	61203	-	5	5	R.LLEIHSNGGEK.A	15
PSTAT-67	proteomics_stat	61261	61344	-	5	10	R.TIYDSVYNDLINYLASPDQTEGFDDLK.N	32
PSTAT-68	proteomics_stat	61345	61392	-	5	2	W.YHEGLDAFEHTCPTGR.T	20
PSTAT-69	proteomics_stat	61345	61395	-	5	5	R.WYHEGLDAFEHTCPTGR.T	21
PSTAT-70	proteomics_stat	61420	61467	-	5	9	R.IGQAHDIIQIHVPYLEK.T	20
PSTAT-71	proteomics_stat	61486	61554	-	5	2	R.NFQFASHMVMFDLPFNPDLLQR.I	27
PSTAT-72	proteomics_stat	61636	61674	-	5	5	R.AAVFHGMSIIER.D	17
PSTAT-73	proteomics_stat	61918	61953	-	5	2	K.LPLPTQYQTAIK.V	16

PSTAT-74	proteomics_stat	62173	62223	-	5	7	K.NYRPVADAVAMLLAGNK.L	21
PSTAT-75	proteomics_stat	62224	62259	-	5	4	R.FHDFAQFVEEQK.N	16
PSTAT-76	proteomics_stat	62224	62277	-	5	3	R.LLDPNRFHDFQFVEEQK.N	22
PSTAT-77	proteomics_stat	62284	62382	-	5	2	R.EYQAIEQLAEHVPGVLLLTATPEQLGMESHFAR.L	37
PSTAT-78	proteomics_stat	62485	62562	-	5	2	R.YAEAQHDAYNPFDEQLVICSLDFAR.R	30
PSTAT-79	proteomics_stat	62659	62715	-	5	4	K.TIEAGMILHQQLLSGAAER.V	23
PSTAT-80	proteomics_stat	62950	62970	-	5	2	R.EVFLDSK.L	11
PSTAT-81	proteomics_stat	67480	67542	-	5	5	R.FLEQGGFHAFITTTTFEDLHGLK.Q	25
PSTAT-82	proteomics_stat	68143	68196	-	5	2	K.LVLKPLGTTTPEITAICR.D	22
PSTAT-83	proteomics_stat	74539	74595	-	5	11	K.LTKPATTLEFTPAEVAQR.Q	23
PSTAT-84	proteomics_stat	74698	74733	-	5	7	R.TAASKQPELAQK.F	16
PSTAT-85	proteomics_stat	74734	74799	-	5	5	K.KDNYAAANFSEGHYLQVEVAAR.T	26
PSTAT-86	proteomics_stat	74797	74862	-	5	2	K.GESDLVLSYTTSPAYHILEEK.D	26
PSTAT-87	proteomics_stat	74800	74862	-	5	3	K.GESDLVLSYTTSPAYHILEEK.K	25
PSTAT-88	proteomics_stat	74863	74895	-	5	2	K.GWSEAYGLFLK.G	15
PSTAT-89	proteomics_stat	74962	75003	-	5	5	R.TSTPGLGLLLWMQK.V	18
PSTAT-90	proteomics_stat	75025	75054	-	5	2	K.ELVESDQNRV.V	14
PSTAT-91	proteomics_stat	75205	75255	-	5	4	K.ADVVLGLDNNLLDAASK.T	21
PSTAT-92	proteomics_stat	75322	75357	-	5	4	K.KAFEADCNCELK.L	16
PSTAT-93	proteomics_stat	78869	78946	-	6	3	R.HCMMNGLDSIGLTLQHDDAIAAYEAK.Q	30
PSTAT-94	proteomics_stat	79085	79156	-	6	3	K.VVIAPSFADIFYGNSFNQLLPVK.L	28
PSTAT-95	proteomics_stat	79157	79195	-	6	2	R.EHAPWALTDYGFK.V	17
PSTAT-96	proteomics_stat	79476	79541	-	4	12	R.THLVSPAMAAAAVTGHFADIR.N	26
PSTAT-97	proteomics_stat	79716	79766	-	4	3	K.VAPGVQALVVPGSGPVK.A	21
PSTAT-98	proteomics_stat	79716	79769	-	4	4	R.KVAPGVQALVVPGSGPVK.A	22
PSTAT-99	proteomics_stat	79842	79901	-	4	2	K.ALAYMGLKPGIPLTEVAIDK.V	24
PSTAT-100	proteomics_stat	80625	80654	-	4	2	K.DINACGEMAR.I	14
PSTAT-101	proteomics_stat	80778	80840	-	4	4	K.LFDAHVVEAENETPLLYIDR.H	25
PSTAT-102	proteomics_stat	80888	80935	-	6	12	R.GAAAVSTDEMGIAR.Y	20
PSTAT-103	proteomics_stat	80987	81019	-	6	4	L.DADDAACAIER.A	15
PSTAT-104	proteomics_stat	80987	81025	-	6	2	Y.SLDADDAACAIER.A	17
PSTAT-105	proteomics_stat	80987	81028	-	6	7	R.YSLDADDAACAIER.A	18
PSTAT-106	proteomics_stat	81029	81079	-	6	17	K.NIANPIAQILSLALLR.Y	21
PSTAT-107	proteomics_stat	81254	81340	-	6	4	R.EIVNEIATEYPDVELAHMYIDNATMQLIK.D	33
PSTAT-108	proteomics_stat	81290	81340	-	6	2	R.EIVNEIATEYPDVELAH.M	21
PSTAT-109	proteomics_stat	81341	81373	-	6	3	K.ANVLQSSILWR.E	15
PSTAT-110	proteomics_stat	81341	81391	-	6	4	K.VTSIDKANVLQSSILWR.E	21
PSTAT-111	proteomics_stat	81452	81475	-	6	5	A.FDTEVYHR.F	12
PSTAT-112	proteomics_stat	81452	81478	-	6	3	K.AFDTEVYHR.F	13
PSTAT-113	proteomics_stat	81479	81508	-	6	2	K.GREGSGQYEK.A	14
PSTAT-114	proteomics_stat	81509	81544	-	6	3	R.ELTGGIYFGQPK.G	16
PSTAT-115	proteomics_stat	81545	81586	-	6	3	R.ADIAANGFDILCVR.E	18
PSTAT-116	proteomics_stat	81587	81622	-	6	4	K.LYQGLEAFCLR.A	16
PSTAT-117	proteomics_stat	81623	81649	-	6	5	K.LFSNLRPAK.L	13
PSTAT-118	proteomics_stat	81683	81718	-	6	29	K.WEHLPPDQQPER.G	16
PSTAT-119	proteomics_stat	81884	81949	-	6	18	K.NYHIAVLPDGDGIGPEVMTQALK.V	26

PSTAT-120	proteomics_stat	81884	81955	-	6	5	M.SKNYHIAVLPDGDIGPEVMTQALK.V	28
PSTAT-121	proteomics_stat	81961	81993	-	5	4	K.AQHNENNKETV.-	15
PSTAT-122	proteomics_stat	81961	81996	-	5	4	R.KAQHNENNKETV.-	16
PSTAT-123	proteomics_stat	81997	82026	-	5	3	R.AAEVEKELQR.K	14
PSTAT-124	proteomics_stat	82027	82059	-	5	12	K.AMVHVLNNIWR.A	15
PSTAT-125	proteomics_stat	82060	82107	-	5	26	R.FHGVGLATDIVESSAK.A	20
PSTAT-126	proteomics_stat	82060	82110	-	5	9	R.RFHGVGLATDIVESSAK.A	21
PSTAT-127	proteomics_stat	82111	82155	-	5	12	K.DALGQVDIVANYNGR.R	19
PSTAT-128	proteomics_stat	82186	82215	-	5	4	R.ITEYNVELVK.Y	14
PSTAT-129	proteomics_stat	82216	82272	-	5	6	K.AEAANGNGPVDVAVYQAINR.I	23
PSTAT-130	proteomics_stat	82297	82353	-	5	5	R.LDYFSVQSGSNDIATAAVK.L	23
PSTAT-131	proteomics_stat	82297	82380	-	5	3	K.QQEPEHFRLDYFSVQSGSNDIATAAVK.L	32
PSTAT-132	proteomics_stat	82381	82428	-	5	55	K.GQVFDYDLEALAFIGK.Q	20
PSTAT-133	proteomics_stat	82381	82431	-	5	5	K.KGQVFDYDLEALAFIGK.Q	21
PSTAT-134	proteomics_stat	82444	82488	-	5	4	K.ESEYNLDNLYDAFLK.L	19
PSTAT-135	proteomics_stat	82444	82509	-	5	3	R.MDEMGYKESEYNLDNLYDAFLK.L	26
PSTAT-136	proteomics_stat	82537	82605	-	5	3	R.ENYEIMTPESIGLNQIQLNLTSR.S	27
PSTAT-137	proteomics_stat	82537	82611	-	5	31	K.NRENYEIMTPESIGLNQIQLNLTSR.S	29
PSTAT-138	proteomics_stat	82612	82644	-	5	4	H.SSGIHQDGVLK.N	15
PSTAT-139	proteomics_stat	82612	82674	-	5	22	K.AIVGSGAFAHSSGIHQDGVLK.N	25
PSTAT-140	proteomics_stat	82612	82701	-	5	4	I.CNMPIPANKAIVGSGAFAHSSGIHQDGVLK.N	34
PSTAT-141	proteomics_stat	82675	82725	-	5	4	R.TSQLVSIQCNMPIPANK.A	21
PSTAT-142	proteomics_stat	82726	82773	-	5	14	K.DILNVHTAINHQEIWR.T	20
PSTAT-143	proteomics_stat	82726	82776	-	5	3	R.KDILNVHTAINHQEIWR.T	21
PSTAT-144	proteomics_stat	82783	82824	-	5	9	R.AGNCSLEEVIMAIK.V	18
PSTAT-145	proteomics_stat	82825	82860	-	5	2	R.QVEGAMNGIGER.A	16
PSTAT-146	proteomics_stat	82861	82941	-	5	483	K.AIISVHTHDDLGLAVGNSLAAVHAGAR.Q	31
PSTAT-147	proteomics_stat	82960	83070	-	5	3	R.VVEAAINAGATTINIPDVTGVYTMPFEFAGIISGLYER.V	41
PSTAT-148	proteomics_stat	83071	83094	-	5	3	R.TPIADLAR.V	12
PSTAT-149	proteomics_stat	83095	83139	-	5	7	R.NYTDDVEFSCEDAGR.T	19
PSTAT-150	proteomics_stat	83167	83193	-	5	2	R.STLDEVIER.A	13
PSTAT-151	proteomics_stat	83200	83244	-	5	10	R.IHTFIATSPMHIATK.L	19
PSTAT-152	proteomics_stat	83263	83292	-	5	7	K.DIDVAAESLK.V	14
PSTAT-153	proteomics_stat	83263	83304	-	5	2	R.CVEKDIDVAAESLK.V	18
PSTAT-154	proteomics_stat	83341	83418	-	5	8	R.MGVDMVEVGFVSSPGDFESVQTIAR.Q	30
PSTAT-155	proteomics_stat	83419	83445	-	5	2	K.LQIALALER.M	13
PSTAT-156	proteomics_stat	83452	83490	-	5	7	R.DGEQALQASLSVK.E	17
PSTAT-157	proteomics_stat	95184	95243	-	4	13	R.DTRKRAKTFQMRRCCQVVDQR.S	24
PSTAT-158	proteomics_stat	111652	111708	-	5	3	R.IPSSGDLSESDDWSEEPKQ.-	23
PSTAT-159	proteomics_stat	111655	111699	-	5	2	S.SGDLSESDDWSEEPK.Q	19
PSTAT-160	proteomics_stat	111943	111993	-	5	2	R.LNLSLDSQLYPOISGHK.S	21
PSTAT-161	proteomics_stat	112558	112599	-	5	2	V.MQTQVLFHPLNEK.M	18
PSTAT-162	proteomics_stat	112656	112724	-	4	4	R.LAVADDVIDNNGAPDAIASDVAR.L	27
PSTAT-163	proteomics_stat	112734	112772	-	4	2	R.EHVEQILAAQATR.E	17
PSTAT-164	proteomics_stat	117965	118039	-	6	4	K.ASWLHPDAPVEVEVENLEELDEALK.A	29
PSTAT-165	proteomics_stat	118055	118087	-	6	4	K.ENHIIASGSVR.Q	15

PSTAT-166	proteomics_stat	118118	118153	-	6	3	K.YAVLCGGGANHR.L	16
PSTAT-167	proteomics_stat	118184	118237	-	6	4	R.HYVELLEGTNTQLLDTRK.T	22
PSTAT-168	proteomics_stat	118187	118237	-	6	4	R.HYVELLEGTNTQLLDTR.K	21
PSTAT-169	proteomics_stat	118187	118267	-	6	2	Q.TLSGVASKVRHYVELLEGTNTQLLDTR.K	31
PSTAT-170	proteomics_stat	118244	118288	-	6	3	R.TALNFVQTLSGVASK.V	19
PSTAT-171	proteomics_stat	118502	118549	-	6	4	R.EDLGGTVDANNDITAK.L	20
PSTAT-172	proteomics_stat	118502	118591	-	6	2	R.INLDIPGAVAQALREDLGGTVDANNDITAK.L	34
PSTAT-173	proteomics_stat	120364	120393	-	5	2	R.AKQEQQVVTR.F	14
PSTAT-174	proteomics_stat	120586	120624	-	5	3	R.MLFGLAQQGNAPK.A	17
PSTAT-175	proteomics_stat	121516	121548	-	5	3	M.MEGQQHGEQLK.R	15
PSTAT-176	proteomics_stat	134860	134907	-	5	5	K.HYMFHTKPEDLTDSEER.Q	20
PSTAT-177	proteomics_stat	134992	135048	-	5	15	K.HFIDHEINSIQNFMSSDDMK.A	23
PSTAT-178	proteomics_stat	135085	135141	-	5	12	K.ALNYLIHQLESDIVTIDYR.V	23
PSTAT-179	proteomics_stat	135250	135300	-	5	8	K.TEHPGPLPETVVAHLDK.S	21
PSTAT-180	proteomics_stat	135250	135312	-	5	10	K.LIDKTEHPGPLPETVVAHLDK.S	25
PSTAT-181	proteomics_stat	135313	135378	-	5	4	R.QDYEPQGASVTILVSEEPVDPK.L	26
PSTAT-182	proteomics_stat	135379	135441	-	5	2	R.LTEILSETCSIIGANILNIAR.Q	25
PSTAT-183	proteomics_stat	135442	135486	-	5	3	R.DGYIAYIDELYNANR.L	19
PSTAT-184	proteomics_stat	135601	135678	-	5	4	R.YYNAIHTAAAFALPQYLQDALASQPS.-	30
PSTAT-185	proteomics_stat	135706	135735	-	5	7	R.HLSTEIIQAR.F	14
PSTAT-186	proteomics_stat	136066	136110	-	5	3	R.QYLPNHNAGSYDDPR.F	19
PSTAT-187	proteomics_stat	136186	136227	-	5	10	K.HVLIIGGGDGMAMLR.E	18
PSTAT-188	proteomics_stat	136330	136377	-	5	18	K.TDHQDLIIFENAAFGR.V	20
PSTAT-189	proteomics_stat	138838	138882	-	5	2	K.MGDYIVAYALPDDVK.-	19
PSTAT-190	proteomics_stat	138931	138981	-	5	4	R.LPAGGQATPMTYEVNGK.Q	21
PSTAT-191	proteomics_stat	138997	139023	-	5	4	R.AYNMSNGEK.L	13
PSTAT-192	proteomics_stat	139231	139326	-	5	4	K.GTGTESGIQPQYGVYPYGVTLNPFLLSPFGLPCK.Q	36
PSTAT-193	proteomics_stat	139327	139365	-	5	2	R.GPGNPMQPKDAK.G	17
PSTAT-194	proteomics_stat	139378	139422	-	5	2	R.EVAIANPMALPFVSK.L	19
PSTAT-195	proteomics_stat	139546	139602	-	5	2	K.DLSGADMWGATMFDQLVCR.V	23
PSTAT-196	proteomics_stat	139660	139716	-	5	4	R.NGELVVPAPKVPVQGAAG.G	23
PSTAT-197	proteomics_stat	139870	139911	-	5	2	R.YASSILALNATTGK.L	18
PSTAT-198	proteomics_stat	140194	140277	-	5	4	K.GVLNLQSNMPDTPKGLYEPTSPPIITDK.T	32
PSTAT-199	proteomics_stat	140302	140331	-	5	2	R.LIAINAENGK.L	14
PSTAT-200	proteomics_stat	140362	140403	-	5	3	K.AETASPEVMADCP.R	18
PSTAT-201	proteomics_stat	140428	140460	-	5	6	K.TNESFQHVTCR.G	15
PSTAT-202	proteomics_stat	140521	140559	-	5	3	K.VGDTLYLCTAHQR.L	17
PSTAT-203	proteomics_stat	140560	140622	-	5	2	R.TGDVKQPNDPGEITNEVTPIK.V	25
PSTAT-204	proteomics_stat	140641	140673	-	5	4	K.QINADNVHNLK.E	15
PSTAT-205	proteomics_stat	142077	142103	-	4	19	R.DLDVTATNR.E	13
PSTAT-206	proteomics_stat	142104	142151	-	4	2	K.VTIHGWAYGIHDGLLR.D	20
PSTAT-207	proteomics_stat	142164	142244	-	4	8	R.LDTLCELNVMEQVYNLGHSTIMQSAWK.R	31
PSTAT-208	proteomics_stat	142248	142283	-	4	6	K.HSSLLGEMPQER.R	16
PSTAT-209	proteomics_stat	142479	142514	-	4	2	L.TGLEPGELFVHR.N	16
PSTAT-210	proteomics_stat	142479	142517	-	4	5	R.LTGLEPGELFVHR.N	17
PSTAT-211	proteomics_stat	142623	142664	-	4	2	K.DIDTLISNNALWSK.M	18

PSTAT-212	proteomics_stat	142623	142670	-	4	13	S.MKDIDTLISNNALWSK.M	20
PSTAT-213	proteomics_stat	146347	146397	-	5	9	R.TWRPNVAYFEGDNEMKR.T	21
PSTAT-214	proteomics_stat	146503	146532	-	5	3	R.FSTYIAAER.G	14
PSTAT-215	proteomics_stat	146623	146652	-	5	6	K.VTHADLHYEG.S	14
PSTAT-216	proteomics_stat	146623	146658	-	5	4	R.VKVTHADLHYEG.S	16
PSTAT-217	proteomics_stat	148016	148057	-	6	5	R.DADTLLEVSETSKR.A	18
PSTAT-218	proteomics_stat	148019	148057	-	6	6	R.DADTLLEVSETSK.R	17
PSTAT-219	proteomics_stat	148088	148135	-	6	5	R.DLDEIITIAGQELNEK.G	20
PSTAT-220	proteomics_stat	148088	148177	-	6	6	K.VLSSIADKLQAGERDLDEIITIAGQELNEK.G	34
PSTAT-221	proteomics_stat	148136	148177	-	6	9	K.VLSSIADKLQAGER.D	18
PSTAT-222	proteomics_stat	148136	148198	-	6	2	K.IAPGLYKVLSSIADKLQAGER.D	25
PSTAT-223	proteomics_stat	148202	148228	-	6	6	R.NGYLTAEQR.K	13
PSTAT-224	proteomics_stat	148229	148252	-	6	3	K.DGLALSSR.N	12
PSTAT-225	proteomics_stat	148229	148258	-	6	6	R.AKDGLALSSR.N	14
PSTAT-226	proteomics_stat	148316	148387	-	6	3	K.LFNLVQPDIAFCGEKDFQQLALIR.K	28
PSTAT-227	proteomics_stat	148316	148390	-	6	2	S.KLFNLVQPDIAFCGEKDFQQLALIR.K	29
PSTAT-228	proteomics_stat	148343	148387	-	6	5	K.LFNLVQPDIAFCGEK.D	19
PSTAT-229	proteomics_stat	148412	148507	-	6	14	K.EIYPNGTETHYVDVPLSTMLEGASRPGFHFR.G	36
PSTAT-230	proteomics_stat	148508	148540	-	6	7	R.KVDLVFAPSVK.E	15
PSTAT-231	proteomics_stat	148679	148726	-	6	11	R.VALVPTMGNLHDGHMK.L	20
PSTAT-232	proteomics_stat	148810	148866	-	5	7	R.QYMAEVESGVYPGEEHSFH.-	23
PSTAT-233	proteomics_stat	148918	149031	-	5	17	R.ITEALAIIPVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	42
PSTAT-234	proteomics_stat	148918	149034	-	5	2	K.RITEALAIIPVIGIGAGNVTDGQILVMHDAFGITGGHIPK.F	43
PSTAT-235	proteomics_stat	149032	149136	-	5	2	R.GDEAGDQLLSDALALEAAGAQLLVLECVVELAKR.I	39
PSTAT-236	proteomics_stat	149035	149136	-	5	73	R.GDEAGDQLLSDALALEAAGAQLLVLECVVELAK.R	38
PSTAT-237	proteomics_stat	149149	149214	-	5	5	R.AVPVCGHLGLTPQSVNIFGGYK.V	26
PSTAT-238	proteomics_stat	149215	149265	-	5	54	K.IEGGEWLVETVQMLTER.A	21
PSTAT-239	proteomics_stat	149287	149346	-	5	2	L.PFMAYATPEQAFENAATVMR.A	24
PSTAT-240	proteomics_stat	149287	149349	-	5	3	D.LPFMAYATPEQAFENAATVMR.A	25
PSTAT-241	proteomics_stat	149287	149367	-	5	2	N.CLLLADLPFMAYATPEQAFENAATVMR.A	31
PSTAT-242	proteomics_stat	149287	149379	-	5	10	R.GAPNCLLLADLPFMAYATPEQAFENAATVMR.A	35
PSTAT-243	proteomics_stat	149287	149382	-	5	5	R.RGAPNCLLLADLPFMAYATPEQAFENAATVMR.A	36
PSTAT-244	proteomics_stat	149569	149601	-	5	12	V.MKPTTISLLQK.Y	15
PSTAT-245	proteomics_stat	158053	158130	-	5	2	K.IAQESGLTYHDAFALAMNDVLDEACR.S	30
PSTAT-246	proteomics_stat	158755	158805	-	5	4	R.LAHVMFGPEIIEVATFR.G	21
PSTAT-247	proteomics_stat	158848	158889	-	5	5	K.DFDVTTNATPEQVR.K	18
PSTAT-248	proteomics_stat	158977	159003	-	5	2	R.KDISENALK.V	13
PSTAT-249	proteomics_stat	160344	160379	-	4	2	R.AAQEEFSLER.N	16
PSTAT-250	proteomics_stat	160380	160433	-	4	9	R.TVTHMQDEANFPDPVDR.A	22
PSTAT-251	proteomics_stat	160434	160460	-	4	5	R.NQLRDEVDR.T	13
PSTAT-252	proteomics_stat	160482	160580	-	4	17	K.TSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFR.R	37
PSTAT-253	proteomics_stat	160482	160583	-	4	10	R.KTSSLSILAIAGVEPYQEKPGEEYMNEAQLAHFR.R	38
PSTAT-254	proteomics_stat	174046	174087	-	5	2	K.IIGGGMPVGAFFGR.R	18
PSTAT-255	proteomics_stat	174151	174210	-	5	3	R.ALCDEFGALLIIDEVMTGFR.V	24
PSTAT-256	proteomics_stat	174319	174360	-	5	4	K.YTLTCTYNDLASVR.A	18
PSTAT-257	proteomics_stat	174361	174426	-	5	4	K.AGSGALTLGQPNSPGVPADFAK.Y	26

PSTAT-258	proteomics_stat	174511	174552	-	5	5	R.MVNSGTEATMSAIR.L	18
PSTAT-259	proteomics_stat	174553	174600	-	5	5	K.MAQLVTELVPTMDMVR.M	20
PSTAT-260	proteomics_stat	174601	174639	-	5	2	R.GLSFGAPTEMEVK.M	17
PSTAT-261	proteomics_stat	174640	174666	-	5	2	R.NAVIEAER.G	13
PSTAT-262	proteomics_stat	174667	174732	-	5	5	K.AYIDYVGSWGPMLVGHNHPAIR.N	26
PSTAT-263	proteomics_stat	174733	174765	-	5	2	A.DGAYLYDVDGK.A	15
PSTAT-264	proteomics_stat	174733	174768	-	5	3	K.ADGAYLYDVDGK.A	16
PSTAT-265	proteomics_stat	174769	174810	-	5	3	R.AFTGVGGTPLFIEK.A	18
PSTAT-266	proteomics_stat	174847	174879	-	5	5	M.SKSENLYSAAR.E	15
PSTAT-267	proteomics_stat	178470	178505	-	4	2	K.QSSLMVESLVQK.L	16
PSTAT-268	proteomics_stat	178506	178574	-	4	5	R.AISDVADQSHLSFDEFLAVAAK.Q	27
PSTAT-269	proteomics_stat	178674	178727	-	4	86	R.GLIVSGDAFINGSVGLAK.I	22
PSTAT-270	proteomics_stat	178728	178781	-	4	2	K.LIAAAEACIAELNLNAVR.G	22
PSTAT-271	proteomics_stat	178728	178793	-	4	4	K.ADDKLIAAAEACIAELNLNAVR.G	26
PSTAT-272	proteomics_stat	178866	178898	-	4	6	K.VGDIVVSDEAR.Y	15
PSTAT-273	proteomics_stat	178899	178958	-	4	3	H.CKPDVIINTGSAGGLAPTLK.V	24
PSTAT-274	proteomics_stat	178899	178997	-	4	110	K.VAAALGATLLEHCKPDVIINTGSAGGLAPTLK.V	37
PSTAT-275	proteomics_stat	179013	179084	-	4	2	R.QTISLGGCEIYTGQLNGTEVALLK.S	28
PSTAT-276	proteomics_stat	179103	179147	-	4	53	K.IGIIGAMEEEVTLR.D	19
PSTAT-277	proteomics_stat	183724	183753	-	5	3	K.ISEIEADLEK.L	14
PSTAT-278	proteomics_stat	183754	183780	-	5	24	R.HLESVVTNK.I	13
PSTAT-279	proteomics_stat	183781	183801	-	5	2	R.KILDDL.R	11
PSTAT-280	proteomics_stat	183802	183828	-	5	4	R.DRSEVDLKR.K	13
PSTAT-281	proteomics_stat	183805	183828	-	5	2	R.DRSEVDLKR.R	12
PSTAT-282	proteomics_stat	183829	183864	-	5	4	R.YIIDELDQICQR.D	16
PSTAT-283	proteomics_stat	183865	183894	-	5	3	K.EVQEISPNLR.Y	14
PSTAT-284	proteomics_stat	183865	183930	-	5	4	K.TVVADGVGGQYKEVQEISPNLR.Y	26
PSTAT-285	proteomics_stat	183865	183933	-	5	6	R.KTVVADGVGGQYKEVQEISPNLR.Y	27
PSTAT-286	proteomics_stat	183895	183930	-	5	2	K.TVVADGVGGQYK.E	16
PSTAT-287	proteomics_stat	183895	183933	-	5	6	R.KTVVADGVGGQYK.E	17
PSTAT-288	proteomics_stat	184003	184041	-	5	3	R.YSLRQEANNILK.I	17
PSTAT-289	proteomics_stat	184042	184077	-	5	4	K.SLGITNPEEIDR.Y	16
PSTAT-290	proteomics_stat	185135	185158	-	6	3	K.VGINELLR.T	12
PSTAT-291	proteomics_stat	185135	185164	-	6	5	R.GKVGINELLR.T	14
PSTAT-292	proteomics_stat	185216	185269	-	6	16	R.VPAGSVVSGNLPSKD.GK.Y	22
PSTAT-293	proteomics_stat	185225	185269	-	6	7	R.VPAGSVVSGNLPSK.D	19
PSTAT-294	proteomics_stat	185270	185296	-	6	9	R.ETGEIHYGR.V	13
PSTAT-295	proteomics_stat	185270	185305	-	6	2	I.YDRETGEIHYGR.V	16
PSTAT-296	proteomics_stat	185270	185308	-	6	12	R.IYDRETGEIHYGR.V	17
PSTAT-297	proteomics_stat	185387	185485	-	6	204	K.NVHLSGGVGIGGVLEPLQANPTIIEDNCFIAR.S	37
PSTAT-298	proteomics_stat	185486	185590	-	6	18	R.NTVLMPYSYVNIAGYVDEGTMVDTWATVGSCAQIGK.N	39
PSTAT-299	proteomics_stat	185657	185680	-	6	3	K.FADYDEAR.F	12
PSTAT-300	proteomics_stat	185681	185704	-	6	11	R.YFDKVP.MK.F	12
PSTAT-301	proteomics_stat	185705	185743	-	6	12	R.INDNQVIEGAESR.Y	17
PSTAT-302	proteomics_stat	185744	185767	-	6	2	K.KAVLLSFR.I	12
PSTAT-303	proteomics_stat	185768	185803	-	6	16	K.IDGQWVTHQWLK.K	16

PSTAT-304	proteomics_stat	185768	185815	-	6	5	R.VAEKIDGQWVTHQWLK.K	20
PSTAT-305	proteomics_stat	185816	185863	-	6	24	R.EAVNQVIALLD SGALR.V	20
PSTAT-306	proteomics_stat	185816	185902	-	6	2	R.AEITPANADTVTREAVNQVIALLD SGALR.V	33
PSTAT-307	proteomics_stat	185864	185902	-	6	4	R.AEITPANADTVTR.E	17
PSTAT-308	proteomics_stat	185864	185905	-	6	28	R.RAEITPANADTVTR.E	18
PSTAT-309	proteomics_stat	185906	185944	-	6	2	M.QQLQNIETAFER.R	17
PSTAT-310	proteomics_stat	185906	185947	-	6	35	T.MQQLQNIETAFER.R	18
PSTAT-311	proteomics_stat	186014	186052	-	6	4	R.ALNNELQQEVHQR.L	17
PSTAT-312	proteomics_stat	186419	186457	-	6	3	R.NLSVHDAQIFTTR.D	17
PSTAT-313	proteomics_stat	186536	186595	-	6	4	R.HLLQHDL SKPLVLLSPQATR.G	24
PSTAT-314	proteomics_stat	187019	187090	-	6	4	R.GGDHSILGAQDVVHFAELHGLNSR.E	28
PSTAT-315	proteomics_stat	188715	188750	-	4	3	K.DDTIPAIISHDE.-	16
PSTAT-316	proteomics_stat	188715	188753	-	4	8	R.KDDTIPAIISHDE.-	17
PSTAT-317	proteomics_stat	188754	188822	-	4	2	R.SLSAQYEHTIVVTDNGCEILTLR.K	27
PSTAT-318	proteomics_stat	188871	188939	-	4	6	R.ETNVVLKPGMTFTIEPMVNAGKK.E	27
PSTAT-319	proteomics_stat	188940	188981	-	4	18	R.GFHEEPQVLHYDSR.E	18
PSTAT-320	proteomics_stat	188982	189008	-	4	4	R.EYCGHGIGR.G	13
PSTAT-321	proteomics_stat	189009	189041	-	4	2	K.FVEAEGFSVVR.E	15
PSTAT-322	proteomics_stat	189135	189173	-	4	6	K.MFIVGKPTIMGER.L	17
PSTAT-323	proteomics_stat	189201	189248	-	4	4	K.LLKDGDIVNIDVTVIK.D	20
PSTAT-324	proteomics_stat	189306	189377	-	4	2	R.ICNDYIVNEQHAVSACLGYHGYPK.S	28
PSTAT-325	proteomics_stat	189378	189449	-	4	14	R.LAAEVLEMI EPYVKPGVSTGELDR.I	28
PSTAT-326	proteomics_stat	189964	190014	-	5	3	R.YSFLKVDDVNFVTRTED.E	21
PSTAT-327	proteomics_stat	190474	190548	-	5	23	R.TAFTYGCSNSAQVQGHSTDCVVVTR.D	29
PSTAT-328	proteomics_stat	213681	213731	-	4	4	K.ITSFSHPEIGTVVSES.-	21
PSTAT-329	proteomics_stat	213750	213794	-	4	6	R.KNVEYLVVEAAGETR.E	19
PSTAT-330	proteomics_stat	213792	213815	-	4	3	K.ASDLVSRK.N	12
PSTAT-331	proteomics_stat	213982	214029	-	5	5	K.VLNEMAADDAL SEAVR.E	20
PSTAT-332	proteomics_stat	217072	217101	-	5	3	K.TGDIVEYLVK.Q	14
PSTAT-333	proteomics_stat	217135	217158	-	5	2	L.DNDDIEYK.Y	12
PSTAT-334	proteomics_stat	217135	217161	-	5	3	N.LDNDDIEYK.Y	13
PSTAT-335	proteomics_stat	217135	217164	-	5	5	R.NLDNDDIEYK.Y	14
PSTAT-336	proteomics_stat	217165	217236	-	5	24	K.ERPGVMFADMELIGIPHTIVLGDR.N	28
PSTAT-337	proteomics_stat	217237	217272	-	5	2	R.AQGIEVLLDDRK.E	16
PSTAT-338	proteomics_stat	217321	217386	-	5	4	R.GIVWPDIAIPFQVAILPMNMHK.S	26
PSTAT-339	proteomics_stat	217387	217425	-	5	5	R.VVAAAIEQNYDER.G	17
PSTAT-340	proteomics_stat	217426	217470	-	5	7	R.NQILTMGCY GIGVTR.V	19
PSTAT-341	proteomics_stat	217516	217554	-	5	9	R.GIEVGHIFQLGTK.Y	17
PSTAT-342	proteomics_stat	217516	217557	-	5	4	K.RGIEVGHIFQLGTK.Y	18
PSTAT-343	proteomics_stat	217570	217608	-	5	2	N.VVAGDPSDPGQGR.L	17
PSTAT-344	proteomics_stat	217570	217611	-	5	8	R.NVVAGDPSDPGQGR.L	18
PSTAT-345	proteomics_stat	217612	217644	-	5	7	R.DVATPEVADIR.N	15
PSTAT-346	proteomics_stat	217612	217671	-	5	10	K.HYFGINWDRDVATPEVADIR.N	24
PSTAT-347	proteomics_stat	217672	217722	-	5	7	R.TVAAMSDFAAGANIDGK.H	21
PSTAT-348	proteomics_stat	217723	217779	-	5	4	K.AGPGSLGPVNMPVVIDR.T	23
PSTAT-349	proteomics_stat	217792	217842	-	5	7	K.LPQVASPLTFATEEEIR.A	21

PSTAT-350	proteomics_stat	217792	217851	-	5	5	K.AEKLQVASPLTFATEEEIR.A	24
PSTAT-351	proteomics_stat	217843	217878	-	5	8	R.GDHELNEVKAEK.L	16
PSTAT-352	proteomics_stat	217852	217878	-	5	14	R.GDHELNEVK.A	13
PSTAT-353	proteomics_stat	217879	217923	-	5	3	K.AVEGSSFPQVALLVR.G	19
PSTAT-354	proteomics_stat	217948	217992	-	5	15	K.TIAELVEQFNLPIEK.T	19
PSTAT-355	proteomics_stat	217993	218040	-	5	6	R.AAATQEMTLVDTPNAK.T	20
PSTAT-356	proteomics_stat	218227	218301	-	5	23	K.DAYSFHTSQESLQETYDAMYAAYSK.I	29
PSTAT-357	proteomics_stat	218362	218397	-	5	3	K.QLPLNFYQIQTK.F	16
PSTAT-358	proteomics_stat	218398	218418	-	5	2	R.NELSSYK.Q	11
PSTAT-359	proteomics_stat	218398	218478	-	5	2	R.GERPVLGPTHEEVITDLIRNELSSYK.Q	31
PSTAT-360	proteomics_stat	218419	218478	-	5	14	R.GERPVLGPTHEEVITDLIR.N	24
PSTAT-361	proteomics_stat	218419	218490	-	5	16	R.FVDRGERPFVLGPTHEEVITDLIR.N	28
PSTAT-362	proteomics_stat	218491	218520	-	5	2	R.WEQYGPELLR.F	14
PSTAT-363	proteomics_stat	218521	218601	-	5	4	R.EEMNNAAGAEVSMPPVQPADLWQESGR.W	31
PSTAT-364	proteomics_stat	218632	218673	-	5	5	K.LASGLYTWLPTGVR.V	18
PSTAT-365	proteomics_stat	218632	218676	-	5	5	R.KLASGLYTWLPTGVR.V	19
PSTAT-366	proteomics_stat	218692	218739	-	5	4	K.ETPADAEVISHQLMLR.A	20
PSTAT-367	proteomics_stat	218692	218769	-	5	3	R.TSQYLLSTLKETPADAEVISHQLMLR.A	30
PSTAT-368	proteomics_stat	218740	218769	-	5	2	R.TSQYLLSTLK.E	14
PSTAT-369	proteomics_stat	219271	219318	-	5	2	R.STFRPNPIGMSLVELK.E	20
PSTAT-370	proteomics_stat	219729	219776	-	4	2	S.CQASNQDSPPSIPTAR.K	20
PSTAT-371	proteomics_stat	219729	219803	-	4	41	R.DLGEVSGDSCQASNQDSPPSIPTAR.K	29
PSTAT-372	proteomics_stat	219756	219803	-	4	2	R.DLGEVSGDSCQASNQD.S	20
PSTAT-373	proteomics_stat	219804	219845	-	4	7	R.IYTNAEELVGKPF.R	18
PSTAT-374	proteomics_stat	220146	220193	-	4	11	K.FVQAYQSDEVYEAANK.V	20
PSTAT-375	proteomics_stat	220146	220196	-	4	8	K.KFVQAYQSDEVYEAANK.V	21
PSTAT-376	proteomics_stat	220227	220283	-	4	4	K.DGIFVEDKESPYVNLIVTR.E	23
PSTAT-377	proteomics_stat	220260	220283	-	4	3	K.DGIFVEDK.E	12
PSTAT-378	proteomics_stat	220284	220361	-	4	40	R.SLDDAQIALAVINTTYASQIGLTPAK.D	30
PSTAT-379	proteomics_stat	220362	220394	-	4	4	K.IVELEAPQLPR.S	15
PSTAT-380	proteomics_stat	220404	220460	-	4	13	K.LKDGVGLLPTVLDVVENPK.N	23
PSTAT-381	proteomics_stat	220497	220562	-	4	27	K.SLDELQDGSQVAVPNDPTNLGR.S	26
PSTAT-382	proteomics_stat	220572	220622	-	4	12	K.LVAVGNTFVYPIAGYSK.K	21
PSTAT-383	proteomics_stat	220572	220625	-	4	4	Y.KLVAVGNTFVYPIAGYSK.K	22
PSTAT-384	proteomics_stat	220632	220694	-	4	12	K.GDIDANAFQHHPYLDQQLKDR.G	25
PSTAT-385	proteomics_stat	220638	220694	-	4	12	K.GDIDANAFQHHPYLDQQLK.D	23
PSTAT-386	proteomics_stat	220695	220766	-	4	11	K.DKYGLDVELVTFNDYVLPNEALSK.G	28
PSTAT-387	proteomics_stat	220776	220826	-	4	31	K.VGVIVGAEQQVAEVAQK.V	21
PSTAT-388	proteomics_stat	221250	221303	-	4	2	R.MVENALLEIPTGLIEASR.A	22
PSTAT-389	proteomics_stat	221722	221778	-	5	2	R.FNVNNNIISAQMDYAGGVK.F	23
PSTAT-390	proteomics_stat	221782	221835	-	5	5	R.LEFTQGSVDAPLLSETAR.R	22
PSTAT-391	proteomics_stat	222115	222153	-	5	2	C.DEATSALDPATTR.S	17
PSTAT-392	proteomics_stat	222115	222165	-	5	4	K.VLLCDEATSALDPATTR.S	21
PSTAT-393	proteomics_stat	222208	222246	-	5	2	K.HDSYPSNLSGGQK.Q	17
PSTAT-394	proteomics_stat	222208	222285	-	5	5	R.VTELLSLVGLGDKHDSYPSNLSGGQK.Q	30
PSTAT-395	proteomics_stat	222208	222288	-	5	2	R.RVTELLSLVGLGDKHDSYPSNLSGGQK.Q	31

PSTAT-396	proteomics_stat	222355	222399	-	5	3	R.QIGMIFQHFNLLSSR.T	19
PSTAT-397	proteomics_stat	222514	222597	-	5	7	R.TIQALNNVSLHVPAGQIYGVIGASGAGK.S	32
PSTAT-398	proteomics_stat	230618	230674	-	6	5	R.VQSILQEMAAAESEIMETR.N	23
PSTAT-399	proteomics_stat	234063	234128	-	4	2	R.TEDIDLINVINEETLLQQPEER.F	26
PSTAT-400	proteomics_stat	234213	234263	-	4	2	K.FALSILPHDLSINDYYR.K	21
PSTAT-401	proteomics_stat	234330	234374	-	4	2	R.LFEGTASQMYQSLKK.L	19
PSTAT-402	proteomics_stat	234333	234374	-	4	2	R.LFEGTASQMYQSLK.K	18
PSTAT-403	proteomics_stat	234513	234578	-	4	2	K.FPQIVVYGPQETQDKGTTQVVK.D	26
PSTAT-404	proteomics_stat	234714	234782	-	4	4	S.MNLNSIPAFDDNYIWVLNDEAGR.C	27
PSTAT-405	proteomics_stat	235652	235684	-	6	2	R.LDAALGQHQIK.W	15
PSTAT-406	proteomics_stat	239578	239610	-	5	3	R.VGSDGNGCHYR.G	15
PSTAT-407	proteomics_stat	239869	239916	-	5	2	N.RFLLVEPGGTVHFYDK.R	20
PSTAT-408	proteomics_stat	240121	240174	-	5	4	K.ITLLQQPLVWMDGPANLR.H	22
PSTAT-409	proteomics_stat	240883	240948	-	5	2	R.SINVDDFDPEELATKPKLPEK.V	26
PSTAT-410	proteomics_stat	240895	240948	-	5	2	R.SINVDDFDPEELATKPKV.L	22
PSTAT-411	proteomics_stat	240970	241008	-	5	6	K.GLIDKDEAAILVK.A	17
PSTAT-412	proteomics_stat	241009	241041	-	5	5	R.LDELAHNALVK.G	15
PSTAT-413	proteomics_stat	241081	241128	-	5	2	L.EEALVDVIAADPIHQR.I	20
PSTAT-414	proteomics_stat	241081	241143	-	5	32	N.PVGLLEEALVDVIAADPIHQR.I	25
PSTAT-415	proteomics_stat	241081	241173	-	5	65	R.GQYLPSEHNVPVGLLEEALVDVIAADPIHQR.I	35
PSTAT-416	proteomics_stat	241189	241215	-	5	2	K.ILQVFNATR.S	13
PSTAT-417	proteomics_stat	241225	241260	-	5	2	R.HYLAPSDKLDHK.V	16
PSTAT-418	proteomics_stat	241237	241260	-	5	2	R.HYLAPSDK.L	12
PSTAT-419	proteomics_stat	241423	241473	-	5	2	R.LGDILSQLYLASAVLKR.Y	21
PSTAT-420	proteomics_stat	241426	241473	-	5	9	R.LGDILSQLYLASAVLK.R	20
PSTAT-421	proteomics_stat	241426	241476	-	5	2	A.RLGDILSQLYLASAVLK.R	21
PSTAT-422	proteomics_stat	241498	241560	-	5	143	R.LSANLALLSDVSMVLLGGSLK.R	25
PSTAT-423	proteomics_stat	241582	241623	-	5	4	R.GLTSSTPTGDATKR.Y	18
PSTAT-424	proteomics_stat	241585	241623	-	5	4	R.GLTSSTPTGDATK.R	17
PSTAT-425	proteomics_stat	241585	241626	-	5	2	T.RGLTSSTPTGDATK.R	18
PSTAT-426	proteomics_stat	241693	241719	-	5	2	K.NNDVNAFDK.L	13
PSTAT-427	proteomics_stat	241792	241848	-	5	5	R.AYQGAPIAITVEGANILTR.S	23
PSTAT-428	proteomics_stat	241849	241884	-	5	2	K.GIMLGQSNFLAR.A	16
PSTAT-429	proteomics_stat	242233	242280	-	5	9	R.GKDVFPIDYIIGGPK.M	20
PSTAT-430	proteomics_stat	242281	242322	-	5	15	R.HFPLNVPFQNGPTR.G	18
PSTAT-431	proteomics_stat	242326	242403	-	5	3	K.LLGAEDLGITCALIPTTTPGVEIGR.R	30
PSTAT-432	proteomics_stat	242422	242469	-	5	10	R.YITLAPIATVGLAFK.L	20
PSTAT-433	proteomics_stat	242893	242946	-	5	3	R.LTAAEQAFLDGPVEEACR.M	22
PSTAT-434	proteomics_stat	242974	243048	-	5	6	R.TEKEAIDAGTTWEGDLFQGKPDWK.K	29
PSTAT-435	proteomics_stat	246284	246313	-	6	5	K.NSEAGIDVHK.A	14
PSTAT-436	proteomics_stat	246398	246478	-	6	3	R.ARIDEDLKNQAADVLAGMGLTISDLVR.I	31
PSTAT-437	proteomics_stat	254403	254453	-	4	17	K.TPNIQIIHAGLECGLFK.K	21
PSTAT-438	proteomics_stat	254403	254465	-	4	6	R.LFNKTPNIQIIHAGLECGLFK.K	25
PSTAT-439	proteomics_stat	254481	254537	-	4	2	K.GAYPGWQPDANSPVMHLVR.E	23
PSTAT-440	proteomics_stat	254565	254621	-	4	10	R.SLIDSGKDYVVSMLDSLK.L	23
PSTAT-441	proteomics_stat	254718	254747	-	4	2	L.LNATPNGVIR.N	14

PSTAT-442	proteomics_stat	254718	254750	-	4	2	R.LLNATPNGVIR.N	15
PSTAT-443	proteomics_stat	254772	254828	-	4	9	K.NLALLLDSVANDKAALIAK.S	23
PSTAT-444	proteomics_stat	254790	254828	-	4	4	K.NLALLLDSVANDK.A	17
PSTAT-445	proteomics_stat	254829	254885	-	4	5	K.SLVNTYQEILKNELAEKEK.N	23
PSTAT-446	proteomics_stat	254835	254885	-	4	8	K.SLVNTYQEILKNELAEK.E	21
PSTAT-447	proteomics_stat	254886	254936	-	4	9	R.EAFATIAVAADKVDVLK.S	21
PSTAT-448	proteomics_stat	254952	254981	-	4	2	R.LIDFNGGTLR.N	14
PSTAT-449	proteomics_stat	254982	255017	-	4	3	R.FLAGHAEELDLR.L	16
PSTAT-450	proteomics_stat	255030	255080	-	4	9	K.GGHSGGEIHVGLGNANK.L	21
PSTAT-451	proteomics_stat	255399	255467	-	4	3	K.NNDTVHDFTKDPPIQPYIDGEWVK.A	27
PSTAT-452	proteomics_stat	255438	255467	-	4	4	K.NNDTVHDFTK.D	14
PSTAT-453	proteomics_stat	255468	255512	-	4	4	R.KPVLQAHLDMVPQK.N	19
PSTAT-454	proteomics_stat	255594	255662	-	4	28	K.ICSIHPHSYHEEQLAEYIVGWAK.E	27
PSTAT-455	proteomics_stat	255663	255713	-	4	6	V.SELSLSLSPQPLWDIFAK.I	21
PSTAT-456	proteomics_stat	283283	283312	-	6	2	F.DGFIGEDIPR.G	14
PSTAT-457	proteomics_stat	286964	287041	-	6	3	Q.LRVKRTGVEIVPPVARNGCRLLGYLR.A	30
PSTAT-458	proteomics_stat	287790	287837	-	4	3	R.EQGYALDSEENEQVGR.C	20
PSTAT-459	proteomics_stat	288063	288101	-	4	2	R.TGQTTHLGILDGR.E	17
PSTAT-460	proteomics_stat	288312	288359	-	4	2	R.ALQILDLFNEQATELK.I	20
PSTAT-461	proteomics_stat	288669	288719	-	4	6	K.FLHCLPAFHDDQTTLGK.Q	21
PSTAT-462	proteomics_stat	288669	288719	-	4	6	K.FLHCLPAFHDDQTTLGK.Q	21
PSTAT-463	proteomics_stat	288669	288722	-	4	2	V.KFLHCLPAFHDDQTTLGK.Q	22
PSTAT-464	proteomics_stat	288669	288722	-	4	2	V.KFLHCLPAFHDDQTTLGK.Q	22
PSTAT-465	proteomics_stat	288975	289031	-	4	8	R.NNMGNSMLEAAAALTGLDLR.L	23
PSTAT-466	proteomics_stat	288975	289031	-	4	8	R.NNMGNSMLEAAAALTGLDLR.L	23
PSTAT-467	proteomics_stat	289032	289073	-	4	8	K.AFNEMTLVYAGDAR.N	18
PSTAT-468	proteomics_stat	289032	289073	-	4	8	K.AFNEMTLVYAGDAR.N	18
PSTAT-469	proteomics_stat	289245	289268	-	4	3	K.ESIKDTAR.V	12
PSTAT-470	proteomics_stat	289245	289268	-	4	3	K.ESIKDTAR.V	12
PSTAT-471	proteomics_stat	289269	289310	-	4	9	R.VTYLGPSPGSQIGHK.E	18
PSTAT-472	proteomics_stat	289269	289310	-	4	9	R.VTYLGPSPGSQIGHK.E	18
PSTAT-473	proteomics_stat	289437	289496	-	4	3	K.LLDFTPAQFTSLLTLAAQLK.A	24
PSTAT-474	proteomics_stat	311676	311705	-	4	6	K.ERHPDCQIVK.R	14
PSTAT-475	proteomics_stat	311786	311815	-	6	2	R.TVASEGNVAR.F	14
PSTAT-476	proteomics_stat	311846	311902	-	6	128	R.EIELDGVTYPYVTIDVSSK.S	23
PSTAT-477	proteomics_stat	311846	311911	-	6	11	K.TDREIELDGVTYPYVTIDVSSK.S	26
PSTAT-478	proteomics_stat	311903	311929	-	6	4	K.IGSTIKTDR.E	13
PSTAT-479	proteomics_stat	311930	311959	-	6	3	F.HDTSVDEYFK.I	14
PSTAT-480	proteomics_stat	311930	311965	-	6	2	V.VFHDTSVDEYFK.I	16
PSTAT-481	proteomics_stat	311930	311968	-	6	5	T.VVFHDTSVDEYFK.I	17
PSTAT-482	proteomics_stat	311930	311971	-	6	42	R.TVVFHDTSVDEYFK.I	18
PSTAT-483	proteomics_stat	311972	312001	-	6	4	M.MKPNIHPEYR.T	14
PSTAT-484	proteomics_stat	317903	317965	-	6	2	R.DQIFTHPSMSESLNDFSLVK.-	25
PSTAT-485	proteomics_stat	318413	318469	-	6	3	R.QPATASLHPENAGIAVNER.G	23
PSTAT-486	proteomics_stat	318902	318982	-	6	3	K.NFHNLADMPNIDVIDGQAEFINHSLR.V	31
PSTAT-487	proteomics_stat	318989	319015	-	6	3	R.KNEVVNFLR.N	13

PSTAT-488	proteomics_stat	319028	319069	-	6	7	K.TLVHDAQHTDFVR.A	18
PSTAT-489	proteomics_stat	327217	327249	-	5	2	K.VMANSAASSLK.E	15
PSTAT-490	proteomics_stat	327397	327471	-	5	5	K.SAPALAAGNAMIFKPSEVTPLTALK.L	29
PSTAT-491	proteomics_stat	327892	327948	-	5	3	R.MAEQQLYIHGGYTSATSGR.T	23
PSTAT-492	proteomics_stat	366636	366668	-	4	5	R.VVNQASHVSAK.T	15
PSTAT-493	proteomics_stat	377713	377799	-	5	2	K.GDIDLEPFVTHTMLDEINDAFDLMHEGK.S	33
PSTAT-494	proteomics_stat	378034	378111	-	5	5	R.RFGATDCINPNDYDKPIKDVLLDINK.W	30
PSTAT-495	proteomics_stat	378175	378246	-	5	4	K.VQPGDSVAVFGLGAIGLAVVQGAR.Q	28
PSTAT-496	proteomics_stat	384353	384382	-	6	4	R.YRTDDFILSK.K	14
PSTAT-497	proteomics_stat	387989	388042	-	6	2	R.AGADLIFSYPALDLAEKK.I	22
PSTAT-498	proteomics_stat	388043	388111	-	6	8	K.FAALAGAIDEEKVVLESLSIKR.A	27
PSTAT-499	proteomics_stat	388046	388111	-	6	14	K.FAALAGAIDEEKVVLESLSIKR.R	26
PSTAT-500	proteomics_stat	388112	388165	-	6	3	R.TELPIGAYQVSGEYAMIK.F	22
PSTAT-501	proteomics_stat	388274	388300	-	6	2	K.SYQMNPMNR.R	13
PSTAT-502	proteomics_stat	388304	388336	-	6	11	R.EAAGSALKGDR.K	15
PSTAT-503	proteomics_stat	388337	388366	-	6	2	K.FASSFYGPFR.E	14
PSTAT-504	proteomics_stat	388367	388423	-	6	2	R.QALDAAGFKDTAIMSYSTK.F	23
PSTAT-505	proteomics_stat	388424	388504	-	6	2	K.QAVVAAAAGADFIAPSAAMDGQVQAIR.Q	31
PSTAT-506	proteomics_stat	388649	388729	-	6	6	R.SVMTFGISHHTDETGSDAWREDGLVAR.M	31
PSTAT-507	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-508	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-509	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-510	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-511	proteomics_stat	391437	391484	-	4	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-512	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-513	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-514	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-515	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-516	proteomics_stat	391994	392050	-	6	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-517	proteomics_stat	394822	394857	-	5	3	K.DTTYTPSPDQCR.R	16
PSTAT-518	proteomics_stat	399065	399088	-	6	6	R.HAADNALK.T	12
PSTAT-519	proteomics_stat	399113	399157	-	6	6	K.LWQASGLGYTDLITR.L	19
PSTAT-520	proteomics_stat	399158	399247	-	6	4	R.VDVFLTPENEVINEINTLPGFTNISMYPK.L	34
PSTAT-521	proteomics_stat	399248	399298	-	6	3	R.AIAVQAYQTLGCAGMAR.V	21
PSTAT-522	proteomics_stat	399347	399370	-	6	2	K.YIDEDGAK.V	12
PSTAT-523	proteomics_stat	399557	399616	-	6	2	K.LGLPLFVKPANQGSSVGVSK.V	24
PSTAT-524	proteomics_stat	399617	399649	-	6	4	R.HNISFAEVESK.L	15
PSTAT-525	proteomics_stat	400073	400108	-	6	9	K.SAEHEVSLQSAK.N	16
PSTAT-526	proteomics_stat	402415	402456	-	5	2	D.LPLSLVANSKKTTR.Q	18
PSTAT-527	proteomics_stat	404095	404121	-	5	2	R.AAVIEAMTK.C	13
PSTAT-528	proteomics_stat	404146	404190	-	5	5	K.DMVCSPGGTTIEAVR.V	19
PSTAT-529	proteomics_stat	404146	404229	-	5	3	K.MVLETGEHPGALKDMVCSPGGTTIEAVR.V	32
PSTAT-530	proteomics_stat	404191	404229	-	5	6	K.MVLETGEHPGALK.D	17
PSTAT-531	proteomics_stat	404230	404262	-	5	4	K.FAAQAVMGSAK.M	15
PSTAT-532	proteomics_stat	404413	404517	-	5	7	R.AMPNTPALVNAGMTSVTPNALVTPEDTADVLNIFR.C	39
PSTAT-533	proteomics_stat	404746	404823	-	5	4	K.AILGGLIASGQVLPGGIWWYTPSPDK.V	30

PSTAT-534	proteomics_stat	404824	404856	-	5	2	K.IGFIGCGNMGK.A	15
PSTAT-535	proteomics_stat	408563	408613	-	6	8	K.KQDLTSEEITNHIEAGK.V	21
PSTAT-536	proteomics_stat	408620	408649	-	6	2	K.SLLEDGGVIR.A	14
PSTAT-537	proteomics_stat	408650	408700	-	6	4	R.SGSAAQGFQLLDEAELK.S	21
PSTAT-538	proteomics_stat	408701	408775	-	6	20	K.SLGSLPVVPLSMENPIELTLTEWVR.S	29
PSTAT-539	proteomics_stat	408701	408778	-	6	4	R.KSLGSLPVVPLSMENPIELTLTEWVR.S	30
PSTAT-540	proteomics_stat	408890	408931	-	6	6	K.DSLKDEVLHSLLP.R.A	18
PSTAT-541	proteomics_stat	408890	408940	-	6	3	K.TEKDSLKDEVLHSLLP.R.A	21
PSTAT-542	proteomics_stat	409037	409117	-	6	2	K.MGWVPPMGSHSDALTHVANGQIVICAR.K	31
PSTAT-543	proteomics_stat	411951	412049	-	4	2	R.IDSLFLDEFGTLDSETLDTALDALDALSASGK.T	37
PSTAT-544	proteomics_stat	430398	430469	-	4	3	R.YWHDGGQWNDDAELNFGNGNFVNR.S	28
PSTAT-545	proteomics_stat	430734	430814	-	4	12	R.QSTWYMGGLTDTIDTGLPMSLSMNVYAK.Y	31
PSTAT-546	proteomics_stat	430830	430871	-	4	3	K.EWYFANNYIYDMGR.N	18
PSTAT-547	proteomics_stat	430923	430970	-	4	20	K.GIWNHGSPLFMEIEPR.F	20
PSTAT-548	proteomics_stat	430971	431036	-	4	5	K.DWFDYGYADAPVFFGGNSDAK.G	26
PSTAT-549	proteomics_stat	430971	431039	-	4	4	K.KDWFDYGYADAPVFFGGNSDAK.G	27
PSTAT-550	proteomics_stat	431037	431075	-	4	3	R.NDTYLEYEAFAKK.D	17
PSTAT-551	proteomics_stat	431040	431075	-	4	2	R.NDTYLEYEAFAK.K	16
PSTAT-552	proteomics_stat	431094	431171	-	4	7	A.AENDKPQYLSDWVHQSNNVVGSIYHTR.F	30
PSTAT-553	proteomics_stat	436388	436495	-	6	10	R.EEQLDELLNAVDITLKPEQIAELETYPKPHPVVGFK.-	40
PSTAT-554	proteomics_stat	436565	436600	-	6	4	R.LTGVSEELGATR.A	16
PSTAT-555	proteomics_stat	436601	436636	-	6	6	K.ESDENDAQIAER.L	16
PSTAT-556	proteomics_stat	436601	436648	-	6	2	K.NLYKESDENDAQIAER.L	20
PSTAT-557	proteomics_stat	436673	436705	-	6	8	R.LTRPWGETTAR.L	15
PSTAT-558	proteomics_stat	436712	436774	-	6	2	R.EMLPLCYQEGVAVIPWSPLAR.G	25
PSTAT-559	proteomics_stat	436844	436903	-	6	8	R.YIGASSMHASQFAQALELQK.Q	24
PSTAT-560	proteomics_stat	436919	436975	-	6	4	R.WDYNTPIEETLEALNDVVK.A	23
PSTAT-561	proteomics_stat	436976	437014	-	6	2	R.LGMDYVDILQIHR.W	17
PSTAT-562	proteomics_stat	437054	437083	-	6	2	R.VGDLPEGLSR.A	14
PSTAT-563	proteomics_stat	437096	437122	-	6	11	R.REDEVVATK.V	13
PSTAT-564	proteomics_stat	437144	437221	-	6	4	R.ALEGGINFFDTANSYSDGSSEEIVGR.A	30
PSTAT-565	proteomics_stat	437225	437275	-	6	2	R.GNHAWTLPEESSRPIIK.R	21
PSTAT-566	proteomics_stat	437842	437886	-	5	2	K.LAILNFGTLMPEAAK.V	19
PSTAT-567	proteomics_stat	438079	438141	-	5	2	R.AGIVGADGQTHQGAFDLSYLR.C	25
PSTAT-568	proteomics_stat	438169	438207	-	5	2	R.AYDQVLHDVAIQK.L	17
PSTAT-569	proteomics_stat	438493	438543	-	5	6	R.GYEPAEKDPITFHAVPK.F	21
PSTAT-570	proteomics_stat	439339	439380	-	5	2	K.YPTLALVDSTQELR.L	18
PSTAT-571	proteomics_stat	439435	439500	-	5	3	K.QLAEQSLDTSALALADYIIQR.N	26
PSTAT-572	proteomics_stat	439912	440013	-	5	3	K.FGEANAILAGDALQTLAFSILSDADMPEVSDRDR.I	38
PSTAT-573	proteomics_stat	440191	440265	-	5	3	R.FIAPLPFQNTPVVETMQYGALLGGK.R	29
PSTAT-574	proteomics_stat	440445	440495	-	4	5	R.LESGDLPLEEALNEFER.G	21
PSTAT-575	proteomics_stat	440496	440528	-	4	4	K.ALSELEQIVTR.L	15
PSTAT-576	proteomics_stat	440529	440558	-	4	2	K.KNEAPASFEK.A	14
PSTAT-577	proteomics_stat	440529	440564	-	4	4	M.PKKNEAPASFEK.A	16
PSTAT-578	proteomics_stat	442365	442412	-	4	2	K.LLTSQGPQTAIDFLK.I	20
PSTAT-579	proteomics_stat	442473	442565	-	4	3	R.IVAAICAAPATVLPVPHDIFPIGNMTGFPTLK.D	35

PSTAT-580	proteomics_stat	442587	442616	-	4	2	R.DSTLLVETVK.Q	14
PSTAT-581	proteomics_stat	442635	442709	-	4	3	K.LLADAPLVEVADGEYDVIVLPGGIK.G	29
PSTAT-582	proteomics_stat	442900	442932	-	5	3	R.AHGIAVPENTR.L	15
PSTAT-583	proteomics_stat	442942	442980	-	5	2	R.HTEIDYINGFLLR.R	17
PSTAT-584	proteomics_stat	443311	443367	-	5	7	R.DGNVIIHVANGITHIGPAR.Q	23
PSTAT-585	proteomics_stat	447898	447930	-	5	12	K.LENQHFDEITK.A	15
PSTAT-586	proteomics_stat	448105	448140	-	5	3	K.KPDHYEEIHMPK.N	16
PSTAT-587	proteomics_stat	448183	448230	-	5	8	S.PPPFYNFVAVPHVHER.D	20
PSTAT-588	proteomics_stat	448183	448254	-	5	51	R.TLEWATSSPPPFYNFVAVPHVHER.D	28
PSTAT-589	proteomics_stat	449890	449976	-	5	7	K.SMDMTQPEGEHSAHEGMEGMDMSHAESA.-	33
PSTAT-590	proteomics_stat	449995	450075	-	5	14	K.LAAPSEYNQVEYFSNVKPDFADVINK.F	31
PSTAT-591	proteomics_stat	449995	450078	-	5	2	E.KLAAPSEYNQVEYFSNVKPDFADVINK.F	32
PSTAT-592	proteomics_stat	450076	450117	-	5	6	K.QSPNTMSDMAAFEK.L	18
PSTAT-593	proteomics_stat	450076	450123	-	5	3	K.AKQSPNTMSDMAAFEK.L	20
PSTAT-594	proteomics_stat	450124	450150	-	5	6	R.AAFDQWVAK.A	13
PSTAT-595	proteomics_stat	450178	450258	-	5	17	R.LHLIANEPGTYDGISASYSGPGFSGMK.F	31
PSTAT-596	proteomics_stat	450259	450300	-	5	25	R.LGSQIYAMAGMQTR.L	18
PSTAT-597	proteomics_stat	450301	450342	-	5	15	K.VTSNSVMNSFFIPR.L	18
PSTAT-598	proteomics_stat	452668	452730	-	5	3	R.SAILLILGFASGLPLALTSGLT.L	25
PSTAT-599	proteomics_stat	452828	452911	-	6	49	K.NIADAVNSVLTDTIADMSQDTSIHEFIK.Q	32
PSTAT-600	proteomics_stat	452912	452953	-	6	2	R.ASYNVEGAFQASNK.N	18
PSTAT-601	proteomics_stat	452972	453013	-	6	2	K.ADIAIIATAQNGNK.M	18
PSTAT-602	proteomics_stat	453032	453118	-	6	25	R.GYMVGPNGPVLNLIIVSPLYADVSQGNVR.Y	33
PSTAT-603	proteomics_stat	453170	453202	-	6	9	R.DNQIVTLTASR.D	15
PSTAT-604	proteomics_stat	461362	461448	-	5	3	R.TDPAAPRRSDDSAPVDAGFSYSLRSLPAR.S	33
PSTAT-605	proteomics_stat	464097	464153	-	4	3	R.ANGLNHYLADKPTVMAAMK.Q	23
PSTAT-606	proteomics_stat	464316	464351	-	4	3	K.ALNHAVSLGMAK.D	16
PSTAT-607	proteomics_stat	464475	464543	-	4	4	R.DSIPVPDYEPDADGIPNTFVPGR.N	27
PSTAT-608	proteomics_stat	464544	464594	-	4	2	K.VLDVTLNLNLAVALSSLTR.D	21
PSTAT-609	proteomics_stat	465106	465150	-	5	2	R.LIGEAPYEYTLQWLR.C	19
PSTAT-610	proteomics_stat	474116	474139	-	6	3	R.DGNSFSAR.R	12
PSTAT-611	proteomics_stat	474140	474172	-	6	5	K.KPIIYDVETLR.D	15
PSTAT-612	proteomics_stat	474173	474220	-	6	2	R.LVHSFHSYFLRPGDSK.K	20
PSTAT-613	proteomics_stat	474242	474289	-	6	3	R.QVFGGQVVGQALYAAK.E	20
PSTAT-614	proteomics_stat	478609	478650	-	5	3	K.DVPDNVVVGGNPAR.I	18
PSTAT-615	proteomics_stat	481123	481173	-	5	2	R.YNGLPSMEILGQAAPGK.S	21
PSTAT-616	proteomics_stat	481294	481320	-	5	2	K.KVYVMSEAK.Y	13
PSTAT-617	proteomics_stat	481333	481422	-	5	3	K.AQALGVSINDINTTLGAAWGGSYVNDFIDR.G	34
PSTAT-618	proteomics_stat	481444	481503	-	5	7	K.HPDMLTSVRPNGLEDTPQFK.I	24
PSTAT-619	proteomics_stat	481444	481530	-	5	4	R.NQLLAEAAKHPDMLTSVRPNGLEDTPQFK.I	33
PSTAT-620	proteomics_stat	481678	481731	-	5	2	K.DWADRPGEENKVEAITMR.A	22
PSTAT-621	proteomics_stat	481768	481818	-	5	8	K.NNVESVFAVNGFGFAGR.G	21
PSTAT-622	proteomics_stat	481768	481824	-	5	7	K.EKNNVESVFAVNGFGFAGR.G	23
PSTAT-623	proteomics_stat	481825	481860	-	5	5	K.VLNEVTHYYLTK.E	16
PSTAT-624	proteomics_stat	482707	482751	-	5	2	K.LATGANALDAAAIR.A	19
PSTAT-625	proteomics_stat	482752	482826	-	5	3	K.IELGGENYDIIAEFNGQPASGLGIK.L	29

PSTAT-626	proteomics_stat	482911	482949	-	5	2	K.GQQLNASIIAQTR.L	17
PSTAT-627	proteomics_stat	482911	482949	-	5	2	K.GQQLNASIIAQTR.L	17
PSTAT-628	proteomics_stat	482950	483003	-	5	7	K.AQNAQVAAGQLGGTPPVK.G	22
PSTAT-629	proteomics_stat	483004	483042	-	5	2	K.FQLTPVDVITAIK.A	17
PSTAT-630	proteomics_stat	483043	483072	-	5	2	R.IWMNPNELNK.F	14
PSTAT-631	proteomics_stat	483073	483123	-	5	5	R.TSGVGDVQLFGSQYAMR.I	21
PSTAT-632	proteomics_stat	483653	483721	-	6	29	K.AQEVTDANNQQAASGAQPEQSKS.-	27
PSTAT-633	proteomics_stat	483656	483721	-	6	12	K.AQEVTDANNQQAASGAQPEQSK.S	26
PSTAT-634	proteomics_stat	483806	483850	-	6	3	K.VETRPIVASQAIGDK.W	19
PSTAT-635	proteomics_stat	483806	483889	-	6	3	R.GDATVLVVGADDKVETRPIVASQAIGDK.W	32
PSTAT-636	proteomics_stat	483899	483955	-	6	4	R.LEEGLNPNAILVPQQGVTR.T	23
PSTAT-637	proteomics_stat	483899	483961	-	6	6	R.ARLEEGLNPNAILVPQQGVTR.T	25
PSTAT-638	proteomics_stat	483962	484012	-	6	7	R.AIFPNPDHTLLPGMFVR.A	21
PSTAT-639	proteomics_stat	484121	484162	-	6	3	K.QELANGTLKQENGK.A	18
PSTAT-640	proteomics_stat	484121	484168	-	6	2	R.LKQELANGTLKQENGK.A	20
PSTAT-641	proteomics_stat	484136	484168	-	6	6	R.LKQELANGTLK.Q	15
PSTAT-642	proteomics_stat	484169	484285	-	6	16	K.SNVTEGALVQNGQATALATVQQLDPIYVDVTQSSNDFLR.L	43
PSTAT-643	proteomics_stat	484361	484423	-	6	5	K.QEYDQALADAQQANAAVTAAK.A	25
PSTAT-644	proteomics_stat	484460	484501	-	6	5	K.AQAAANIAQLTVNR.Y	18
PSTAT-645	proteomics_stat	484517	484552	-	6	2	D.PATYQATYDSAK.G	16
PSTAT-646	proteomics_stat	484517	484597	-	6	13	K.EGSDIEAGVSLYQIDPATYQATYDSAK.G	31
PSTAT-647	proteomics_stat	484610	484651	-	6	4	R.IAEVRPQVSGIILK.R	18
PSTAT-648	proteomics_stat	484667	484705	-	6	3	K.TEPLQITTELPGR.T	17
PSTAT-649	proteomics_stat	494583	494657	-	4	2	R.NDLVPDLAIVPRWSITSSRVIPTPL.S	29
PSTAT-650	proteomics_stat	500882	500920	-	6	3	R.AHYDDEVAYITER.G	17
PSTAT-651	proteomics_stat	505908	505976	-	4	6	K.RLPTIIDAPAQEFATYVSGGKR.G	27
PSTAT-652	proteomics_stat	505908	505979	-	4	2	K.RLPTIIDAPAQEFATYVSGGKR.G	28
PSTAT-653	proteomics_stat	505911	505976	-	4	3	K.RLPTIIDAPAQEFATYVSGGK.R	26
PSTAT-654	proteomics_stat	505980	506024	-	4	4	R.STGYLVGGISPLGQK.K	19
PSTAT-655	proteomics_stat	506025	506060	-	4	9	K.KVEMADPMVAQR.S	16
PSTAT-656	proteomics_stat	506085	506135	-	4	2	K.HLAVAVTPVAGQLDLKK.V	21
PSTAT-657	proteomics_stat	506088	506135	-	4	6	K.HLAVAVTPVAGQLDLK.K	20
PSTAT-658	proteomics_stat	506169	506201	-	4	2	K.KLGLNPDQVYK.T	15
PSTAT-659	proteomics_stat	506199	506270	-	4	7	K.ISFQIHTYEHPAETNFGDEVVKK.L	28
PSTAT-660	proteomics_stat	506202	506270	-	4	5	K.ISFQIHTYEHPAETNFGDEVVKK.K	27
PSTAT-661	proteomics_stat	508300	508341	-	5	3	R.HSLMGVADALAIR.A	18
PSTAT-662	proteomics_stat	508549	508599	-	5	4	R.LVMLTGDNPPTANAIK.E	21
PSTAT-663	proteomics_stat	508756	508842	-	5	9	R.GLVSGEAEHALLLGNQALLNEQQVGTK.A	33
PSTAT-664	proteomics_stat	508906	508947	-	5	2	L.AAALEQGSSHPLAR.A	18
PSTAT-665	proteomics_stat	508906	508950	-	5	10	R.LAAALEQGSSHPLAR.A	19
PSTAT-666	proteomics_stat	508987	509031	-	5	7	K.TGTLTEGKPVVAVK.T	19
PSTAT-667	proteomics_stat	509362	509397	-	5	6	R.ASAVGSHTTLR.I	16
PSTAT-668	proteomics_stat	509398	509457	-	5	5	K.GEGDSVHAGTVVQDGSVLF.R.A	24
PSTAT-669	proteomics_stat	509458	509541	-	5	2	R.VPVDGEITQGEAWLDEAMLTGEPQQK.G	32
PSTAT-670	proteomics_stat	509560	509601	-	5	2	K.SVPLAEVQPGMLLR.L	18
PSTAT-671	proteomics_stat	509735	509809	-	6	6	A.LFDERQPVAAVVPDGSATSLLR.SQR.D	29

PSTAT-672	proteomics_stat	510136	510192	-	5	3	R.TALVMGSASPQDLVQAVEK.A	23
PSTAT-673	proteomics_stat	510397	510429	-	5	4	Q.AGYDASVSHPK.A	15
PSTAT-674	proteomics_stat	510397	510432	-	5	6	K.QAGYDASVSHPK.A	16
PSTAT-675	proteomics_stat	510433	510537	-	5	2	K.ESLEQRPDVEQADVSITEAHVTGTASAEQLIETIK.Q	39
PSTAT-676	proteomics_stat	510433	510543	-	5	8	R.VKESLEQRPDVEQADVSITEAHVTGTASAEQLIETIK.Q	41
PSTAT-677	proteomics_stat	514110	514178	-	4	11	K.VVMMPLEASSLMGSIAGIAELVK.D	27
PSTAT-678	proteomics_stat	514179	514223	-	4	2	K.YTEALQQIGSSNSK.V	19
PSTAT-679	proteomics_stat	514386	514418	-	4	2	R.QAEILKAEGEK.Q	15
PSTAT-680	proteomics_stat	514467	514517	-	4	5	R.DVRPPAELISSMNAQMK.A	21
PSTAT-681	proteomics_stat	514602	514646	-	4	2	R.TVLGSMELDEMLSQR.D	19
PSTAT-682	proteomics_stat	514770	514823	-	4	2	K.INMMEQVLDIPSQEVISK.D	22
PSTAT-683	proteomics_stat	514770	514826	-	4	4	R.KINMMEQVLDIPSQEVISK.D	23
PSTAT-684	proteomics_stat	514836	514880	-	4	2	K.TLQPGLSLVVPFMDR.I	19
PSTAT-685	proteomics_stat	516682	516735	-	5	7	K.TFQEILAAALGTGDALASK.Y	22
PSTAT-686	proteomics_stat	516682	516738	-	5	17	R.KTFQEILAAALGTGDALASK.Y	23
PSTAT-687	proteomics_stat	516739	516768	-	5	11	K.DLTAADGQTR.K	14
PSTAT-688	proteomics_stat	516739	516771	-	5	2	R.KDLTAADGQTR.K	15
PSTAT-689	proteomics_stat	516769	516810	-	5	11	R.NEEALELLFGHLR.K	18
PSTAT-690	proteomics_stat	516772	516810	-	5	7	R.NEEALELLFGHLR.K	17
PSTAT-691	proteomics_stat	517090	517152	-	5	2	K.AQQAMQLMQESNYTDALPLLK.D	25
PSTAT-692	proteomics_stat	517195	517275	-	5	5	R.AIPTVYLFQNGQPVDGFGPQPPEAIR.A	31
PSTAT-693	proteomics_stat	517276	517323	-	5	2	K.LDCDAEQMIAAQFGLR.A	20
PSTAT-694	proteomics_stat	517324	517401	-	5	6	R.SQHCLQLTPILESLLAAQYNGQFILAK.L	30
PSTAT-695	proteomics_stat	517723	517788	-	5	3	R.FTDNVNQTSQDKPVENPGIAAR.F	26
PSTAT-696	proteomics_stat	518531	518566	-	6	4	R.RYNEAFSAIYPK.L	16
PSTAT-697	proteomics_stat	518645	518680	-	6	2	R.GFQPQQTEQTLR.Q	16
PSTAT-698	proteomics_stat	518753	518809	-	6	2	K.TSVVNASISGDTSQGLAR.L	23
PSTAT-699	proteomics_stat	518810	518863	-	6	3	R.MSASAAWPALLNDKWQSK.T	22
PSTAT-700	proteomics_stat	523129	523206	-	5	4	P.APSVTPVISPARSPAASRRYVSVRPK.R	30
PSTAT-701	proteomics_stat	542752	542802	-	5	4	R.IHYEGMDDVILLDFLPK.E	21
PSTAT-702	proteomics_stat	542803	542865	-	5	2	R.YVPVEGYAPWLVSIGNASELER.I	25
PSTAT-703	proteomics_stat	543163	543204	-	5	5	K.HGNFALLTPDGLVK.N	18
PSTAT-704	proteomics_stat	543217	543267	-	5	2	M.GYLNNTVGYREDLLANR.A	21
PSTAT-705	proteomics_stat	550837	550875	-	5	9	K.VGHLNLTSDTSR.L	17
PSTAT-706	proteomics_stat	550837	550878	-	5	3	R.KVGHLNLTSDTSR.L	18
PSTAT-707	proteomics_stat	550930	551025	-	5	5	R.AITDLPLPQPVVNNPSPVMINLIGSDVNYDWLK.L	36
PSTAT-708	proteomics_stat	551248	551313	-	5	8	R.GFDGSTVFYPLTHNLHQDGILR.T	26
PSTAT-709	proteomics_stat	551509	551550	-	5	8	K.LHLPTAPWQLLAER.S	18
PSTAT-710	proteomics_stat	551662	551766	-	5	3	R.QAGEPLGIAVWPVGLDAEPAAVPFQQSVITAEIER.W	39
PSTAT-711	proteomics_stat	551826	551864	-	4	6	K.AQTDEVLENPDPR.G	17
PSTAT-712	proteomics_stat	551826	551867	-	4	5	R.KAQTDEVLENPDPR.G	18
PSTAT-713	proteomics_stat	551883	551954	-	4	5	K.AGAANAALLAAQILATHDKELHQR.L	28
PSTAT-714	proteomics_stat	551898	551954	-	4	8	K.AGAANAALLAAQILATHDK.E	23
PSTAT-715	proteomics_stat	551988	552074	-	4	18	K.TLVPVLGVPVQSAALSGVDSLIVQMPR.G	33
PSTAT-716	proteomics_stat	552075	552173	-	4	4	K.LFSFAESAEEENGYQVIIAGAGGAAHLPGMIAAK.T	37
PSTAT-717	proteomics_stat	552075	552185	-	4	5	R.TPKLFSFAESAEEENGYQVIIAGAGGAAHLPGMIAAK.T	41

PSTAT-718	proteomics_stat	553169	553231	-	6	24	R.SGMHQDVPKEDVIIESVTVSE.-	25
PSTAT-719	proteomics_stat	553205	553231	-	6	3	R.SGMHQDVPK.E	13
PSTAT-720	proteomics_stat	553430	553465	-	6	15	K.EPIKNEANGLK.N	16
PSTAT-721	proteomics_stat	553430	553474	-	6	2	K.ATKEPIKNEANGLK.N	19
PSTAT-722	proteomics_stat	553481	553525	-	6	2	I.NGFMIQGGGFEPGMK.Q	19
PSTAT-723	proteomics_stat	553481	553531	-	6	16	R.VINGFMIQGGGFEPGMK.Q	21
PSTAT-724	proteomics_stat	553481	553534	-	6	7	H.RVINGFMIQGGGFEPGMK.Q	22
PSTAT-725	proteomics_stat	553532	553564	-	6	6	R.EGFYNNTIFHR.V	15
PSTAT-726	proteomics_stat	553565	553585	-	6	2	K.NFLDYCR.E	11
PSTAT-727	proteomics_stat	553565	553618	-	6	2	K.TFDDKAPETVKNFLDYCR.E	22
PSTAT-728	proteomics_stat	553586	553615	-	6	4	T.FDDKAPETVK.N	14
PSTAT-729	proteomics_stat	553586	553618	-	6	12	K.TFDDKAPETVK.N	15
PSTAT-730	proteomics_stat	553619	553660	-	6	8	K.MVTFHTNHGDIVIK.T	18
PSTAT-731	proteomics_stat	556040	556072	-	6	4	K.HPHVELCDLLK.L	15
PSTAT-732	proteomics_stat	556101	556208	-	4	33	R.ASYITPVPGGVGPMTVATLIENTLQACVEYHDPQDE.-	40
PSTAT-733	proteomics_stat	556209	556247	-	4	2	K.VVGDVVFEDAAR.A	17
PSTAT-734	proteomics_stat	556509	556532	-	4	2	R.GIVTLLER.Y	12
PSTAT-735	proteomics_stat	556575	556625	-	4	3	R.IHPDKDVGDFHPYVGR.L	21
PSTAT-736	proteomics_stat	556638	556766	-	4	9	R.SYDLPETTSEAELELIDTLNADNTIDGILVQLPLPAGIDNVK.V	47
PSTAT-737	proteomics_stat	556767	556796	-	4	2	K.ACEEVGFVSR.S	14
PSTAT-738	proteomics_stat	556767	556799	-	4	5	R.KACEEVGFVSR.S	15
PSTAT-739	proteomics_stat	556803	556868	-	4	3	R.APGLAVVLVGSNPASQIYVASK.R	26
PSTAT-740	proteomics_stat	577919	577948	-	6	2	K.ICGGAENVVK.T	14
PSTAT-741	proteomics_stat	583915	583965	-	5	18	K.NGAGIENYNFITTAGLK.Y	21
PSTAT-742	proteomics_stat	583966	584016	-	5	6	K.GNTSLYDHNNNTSDYSK.N	21
PSTAT-743	proteomics_stat	583966	584019	-	5	5	K.KGNTSLYDHNNNTSDYSK.N	22
PSTAT-744	proteomics_stat	584032	584055	-	5	5	V.YVEGAWNR.V	12
PSTAT-745	proteomics_stat	584059	584124	-	5	18	K.VKDQNYYSVAVNAGYYVTPNAK.V	26
PSTAT-746	proteomics_stat	584143	584199	-	5	2	K.YSGWVVESSDNDEHYDPGKR.I	23
PSTAT-747	proteomics_stat	584200	584232	-	5	2	R.YEDFELGGTFK.Y	15
PSTAT-748	proteomics_stat	584233	584265	-	5	5	K.MPYIGLTGSYR.Y	15
PSTAT-749	proteomics_stat	584233	584271	-	5	14	R.FKMPYIGLTGSYR.Y	17
PSTAT-750	proteomics_stat	584293	584325	-	5	6	R.DDIGSFPNGER.A	15
PSTAT-751	proteomics_stat	584293	584364	-	5	16	R.GGSYIYSSEEGFRDDIGSFPNGER.A	28
PSTAT-752	proteomics_stat	584383	584415	-	5	5	R.LGLMAGYQESR.Y	15
PSTAT-753	proteomics_stat	584416	584445	-	5	5	K.GWLLNEPNYR.L	14
PSTAT-754	proteomics_stat	584446	584496	-	5	18	R.HPDTQLNYANFDLNIK.G	21
PSTAT-755	proteomics_stat	584497	584565	-	5	7	R.GGNMVDQDWMDSSNPGTWTDES.R.H	27
PSTAT-756	proteomics_stat	584566	584637	-	5	89	K.GAINWDLMPQISIGAAGWTTLGSR.G	28
PSTAT-757	proteomics_stat	584662	584685	-	5	2	R.KVSQLDWK.F	12
PSTAT-758	proteomics_stat	584686	584709	-	5	2	V.YLAEEGGR.K	12
PSTAT-759	proteomics_stat	584686	584712	-	5	6	R.VYLAEEGGR.K	13
PSTAT-760	proteomics_stat	584686	584718	-	5	5	K.ERVYLAEEGGR.K	15
PSTAT-761	proteomics_stat	584725	584796	-	5	8	A.STETLSFTPDNINADISLGTLSGK.T	28
PSTAT-762	proteomics_stat	590049	590096	-	4	2	A.DNIGTSAEELGLSDYR.H	20
PSTAT-763	proteomics_stat	603997	604032	-	5	2	K.SRLPQNITLLEV.-	16

PSTAT-764	proteomics_stat	604033	604104	-	5	11	K.GYTSLVVVPGVGHHSVEDFNATLPK.S	28
PSTAT-765	proteomics_stat	604033	604110	-	5	6	K.EKGYTSLVVVPGVGHHSVEDFNATLPK.S	30
PSTAT-766	proteomics_stat	604327	604353	-	5	2	V.VDQEDADGR.F	13
PSTAT-767	proteomics_stat	604327	604356	-	5	2	L.VVDQEDADGR.F	14
PSTAT-768	proteomics_stat	604327	604359	-	5	11	K.LVVDQEDADGR.F	15
PSTAT-769	proteomics_stat	604387	604425	-	5	3	K.MLDASHVVVFCAK.T	17
PSTAT-770	proteomics_stat	604429	604461	-	5	6	K.SAAGNYVFNER.K	15
PSTAT-771	proteomics_stat	604471	604554	-	5	2	K.TLLQYSPSSTNSQPWHFIVASTEEGKAR.V	32
PSTAT-772	proteomics_stat	604477	604554	-	5	2	K.TLLQYSPSSTNSQPWHFIVASTEEGK.A	30
PSTAT-773	proteomics_stat	604555	604587	-	5	13	K.KLTPEQAEQIK.T	15
PSTAT-774	proteomics_stat	604819	604869	-	5	4	K.HWISVYPGEEISEALLR.D	21
PSTAT-775	proteomics_stat	605599	605634	-	5	5	K.IGASSAIEALHR.Q	16
PSTAT-776	proteomics_stat	605695	605739	-	5	2	R.YGLEGVITDPHTGDR.R	19
PSTAT-777	proteomics_stat	606076	606138	-	5	2	R.FVPHFIALSAASPYMQGTDTR.F	25
PSTAT-778	proteomics_stat	606364	606405	-	5	3	R.DINQAAGQFSAMQK.V	18
PSTAT-779	proteomics_stat	610275	610358	-	4	4	R.FDHHSIVGNWSPALNISQGLGDDFTLK.M	32
PSTAT-780	proteomics_stat	610449	610526	-	4	3	K.DLSSNTQALTGTNTGGAIDGVSTTDR.S	30
PSTAT-781	proteomics_stat	619366	619401	-	5	2	R.LRGEQLTLGYGK.Y	16
PSTAT-782	proteomics_stat	623008	623049	-	5	2	K.LPAGLNASQSQGKR.H	18
PSTAT-783	proteomics_stat	623590	623622	-	5	4	R.GTHTLESQPQR.I	15
PSTAT-784	proteomics_stat	631888	631944	-	5	2	R.VAAAHAVHNGLTVLPQTEK.F	23
PSTAT-785	proteomics_stat	632083	632112	-	5	2	R.LGINNAQAIR.D	14
PSTAT-786	proteomics_stat	632593	632679	-	5	3	R.VVVGPNYFSPHSGSFNHLHDFFTDEQLSR.A	33
PSTAT-787	proteomics_stat	637080	637121	-	4	2	K.ENTLQQAVGLPDQK.T	18
PSTAT-788	proteomics_stat	637275	637352	-	4	5	R.TLLVGVIKPESPATAAAILASKDPAK.T	30
PSTAT-789	proteomics_stat	640665	640694	-	4	3	R.HANLPVLVVR.-	14
PSTAT-790	proteomics_stat	640695	640742	-	4	4	P.SISTHLLGSNASSVIR.H	20
PSTAT-791	proteomics_stat	640695	640748	-	4	38	R.NPSISTHLLGSNASSVIR.H	22
PSTAT-792	proteomics_stat	640749	640799	-	4	4	V.NELAEELGADVIVIGSR.N	21
PSTAT-793	proteomics_stat	640749	640808	-	4	25	R.DEVNELAEELGADVIVIGSR.N	24
PSTAT-794	proteomics_stat	640749	640814	-	4	4	S.VRDEVNELAEELGADVIVIGSR.N	26
PSTAT-795	proteomics_stat	640749	640823	-	4	61	R.FGSVRDEVNELAEELGADVIVIGSR.N	29
PSTAT-796	proteomics_stat	640842	640883	-	4	10	R.LQTMVSHFTIDPSR.I	18
PSTAT-797	proteomics_stat	640884	640916	-	4	3	F.EEHLQHEAQR.L	15
PSTAT-798	proteomics_stat	640884	640919	-	4	16	R.FEEHLQHEAQR.L	16
PSTAT-799	proteomics_stat	640884	640922	-	4	22	R.RFEEHLQHEAQR.L	17
PSTAT-800	proteomics_stat	640941	641024	-	4	2	R.HAEFLAQDDGVIHLLHVLPGSASLSLHR.F	32
PSTAT-801	proteomics_stat	640944	641024	-	4	17	R.HAEFLAQDDGVIHLLHVLPGSASLSLH.R	31
PSTAT-802	proteomics_stat	640953	641024	-	4	2	R.HAEFLAQDDGVIHLLHVLPGSASL.S	28
PSTAT-803	proteomics_stat	640977	641024	-	4	2	R.HAEFLAQDDGVIHLLH.V	20
PSTAT-804	proteomics_stat	641034	641081	-	4	69	K.TIIMPVDVFEMELSDK.A	20
PSTAT-805	proteomics_stat	643450	643521	-	5	3	K.ADAINAPLSANSFLPQPHPGNCGK.T	28
PSTAT-806	proteomics_stat	643708	643761	-	5	4	K.HGACFGDPDAYFGTMVR.L	22
PSTAT-807	proteomics_stat	643825	643872	-	5	2	R.MCSSPETGLSLETAAK.L	20
PSTAT-808	proteomics_stat	643882	643926	-	5	4	R.FGCATRPIPNLPEAR.A	19
PSTAT-809	proteomics_stat	643969	644013	-	5	3	K.ADFLTVHGLWPGLPK.S	19

PSTAT-810	proteomics_stat	658630	658677	-	5	5	R.HGVTMLTLGQYLQPSR.H	20
PSTAT-811	proteomics_stat	658969	659013	-	5	2	R.DGGAQHFDACITAIR.E	19
PSTAT-812	proteomics_stat	660920	660967	-	6	3	K.ISQWKPEATTNNIAPR.L	20
PSTAT-813	proteomics_stat	661755	661811	-	4	9	K.VMGQALPELVDQVVEVVQR.H	23
PSTAT-814	proteomics_stat	661812	661853	-	4	5	K.LNELLEFPTPFTYK.V	18
PSTAT-815	proteomics_stat	661812	661859	-	4	7	K.TKLNELLEFPTPFTYK.V	20
PSTAT-816	proteomics_stat	662083	662124	-	5	3	K.NQVVGTFINFLDQK.T	18
PSTAT-817	proteomics_stat	662125	662172	-	5	8	K.ASYVLNSELHAPLQK.N	20
PSTAT-818	proteomics_stat	662194	662238	-	5	8	R.ASLGVDKDVYLTIPR.G	19
PSTAT-819	proteomics_stat	662239	662280	-	5	2	K.EFASEPWFVFGDSR.A	18
PSTAT-820	proteomics_stat	662290	662316	-	5	4	R.FFETVNPLK.V	13
PSTAT-821	proteomics_stat	662398	662442	-	5	7	K.AGYNLVASATEGQMR.L	19
PSTAT-822	proteomics_stat	662398	662460	-	5	2	K.TGHTDKAGYNLVASATEGQMR.L	25
PSTAT-823	proteomics_stat	662461	662505	-	5	3	R.NGLLWDNSLNVDGIK.T	19
PSTAT-824	proteomics_stat	662611	662670	-	5	3	K.NTHFQTVHGLDADGQYSSAR.D	24
PSTAT-825	proteomics_stat	662671	662787	-	5	10	R.GINLQSGNDACVAMADFAAGSQDAFVGLMNSYVNALGLK.N	43
PSTAT-826	proteomics_stat	662788	662847	-	5	9	K.GSSLMFLKPGMQVPVSQLIR.G	24
PSTAT-827	proteomics_stat	662848	662907	-	5	2	K.ETDLVTIGNDAWATGNPVFK.G	24
PSTAT-828	proteomics_stat	662848	662913	-	5	6	K.FKETDLVTIGNDAWATGNPVFK.G	26
PSTAT-829	proteomics_stat	662923	662958	-	5	6	K.MMTSYVIGQAMK.A	16
PSTAT-830	proteomics_stat	662959	662979	-	5	2	R.DPASLTK.M	11
PSTAT-831	proteomics_stat	662959	662979	-	5	2	R.DPASLTK.M	11
PSTAT-832	proteomics_stat	662959	662982	-	5	5	R.RDPASLTK.M	12
PSTAT-833	proteomics_stat	662983	663009	-	5	3	V.LAEQNADVR.R	13
PSTAT-834	proteomics_stat	663373	663399	-	5	2	K.AEASTLQQR.L	13
PSTAT-835	proteomics_stat	663472	663504	-	5	2	R.AQQYQQQLGQK.F	15
PSTAT-836	proteomics_stat	663739	663846	-	5	7	K.QTYALPAPPDLSGGAGTSSVSGPQGDILPVSNSTLK.S	40
PSTAT-837	proteomics_stat	663847	663918	-	5	4	R.IDPIIVAQDGSLSGPGMACTTVAK.Q	28
PSTAT-838	proteomics_stat	663847	663924	-	5	5	K.VRIDPIIVAQDGSLSGPGMACTTVAK.Q	30
PSTAT-839	proteomics_stat	663925	663963	-	5	7	R.AAADRLNTSNNTK.V	17
PSTAT-840	proteomics_stat	665542	665625	-	5	4	R.QILDHIMLGDNNTDLPAENPAVAAAEDH.-	32
PSTAT-841	proteomics_stat	666481	666528	-	5	2	K.DYSALLNDPNTPLVNR.A	20
PSTAT-842	proteomics_stat	666820	666855	-	5	3	K.LANYAATHDIGK.L	16
PSTAT-843	proteomics_stat	666898	666948	-	5	2	R.YYPYGSALTHVIGYVSK.I	21
PSTAT-844	proteomics_stat	667123	667191	-	5	3	R.TIYQIEMMPEKVDNVQQTLDALR.S	27
PSTAT-845	proteomics_stat	668080	668121	-	5	2	R.HVMSIADHVQESR.A	18
PSTAT-846	proteomics_stat	668206	668247	-	5	2	K.ALQDFVIDKIDDLK.G	18
PSTAT-847	proteomics_stat	670852	670905	-	5	17	R.SDEEQSTTTTDTPATPAR.V	22
PSTAT-848	proteomics_stat	671200	671241	-	5	5	R.LNGVELLDKETTRK.D	18
PSTAT-849	proteomics_stat	671263	671307	-	5	4	K.VMILDSGDPNGPLSR.A	19
PSTAT-850	proteomics_stat	671496	671522	-	4	11	R.AGQEHVAK.Y	13
PSTAT-851	proteomics_stat	671529	671567	-	4	5	K.ITVPVDATEEQVR.E	17
PSTAT-852	proteomics_stat	671529	671573	-	4	3	R.AKITVPVDATEEQVR.E	19
PSTAT-853	proteomics_stat	671628	671675	-	4	3	K.GEGDIDNAPWPVADEK.A	20
PSTAT-854	proteomics_stat	671802	671849	-	4	9	R.QTFNTAIAAIMELMNK.L	20
PSTAT-855	proteomics_stat	671802	671852	-	4	6	R.RQTFNTAIAAIMELMNK.L	21

PSTAT-856	proteomics_stat	671910	671957	-	4	4	K.GDVAALNVDALTENQK.A	20
PSTAT-857	proteomics_stat	671958	671981	-	4	6	K.LVYEHTAK.G	12
PSTAT-858	proteomics_stat	672003	672077	-	4	4	R.LFMMFASPADMTLEWQESGVEGANR.F	29
PSTAT-859	proteomics_stat	672099	672134	-	4	2	K.NNGIDPQVMVER.Y	16
PSTAT-860	proteomics_stat	672099	672140	-	4	8	K.SKNNGIDPQVMVER.Y	18
PSTAT-861	proteomics_stat	672150	672191	-	4	6	K.DAAGHELVTGMSK.M	18
PSTAT-862	proteomics_stat	672150	672197	-	4	7	K.AKDAAGHELVTGMSK.M	20
PSTAT-863	proteomics_stat	672213	672257	-	4	6	R.NWVSPVDAIVERDEK.G	19
PSTAT-864	proteomics_stat	672222	672257	-	4	2	R.NWVSPVDAIVER.D	16
PSTAT-865	proteomics_stat	672258	672323	-	4	2	K.QLLCQGMVLADAFYYVGENDER.N	26
PSTAT-866	proteomics_stat	672324	672359	-	4	10	R.DAGMVNSDEPAK.Q	16
PSTAT-867	proteomics_stat	672501	672551	-	4	10	R.ETDTFDTFMESSWYYAR.Y	21
PSTAT-868	proteomics_stat	672552	672581	-	4	2	K.TTVNGMPALR.E	14
PSTAT-869	proteomics_stat	672774	672800	-	4	2	K.LTAMGVGER.K	13
PSTAT-870	proteomics_stat	672774	672872	-	4	4	K.GVLFNSGEFNGLDHEAAFNAIADKLTAMGVGER.K	37
PSTAT-871	proteomics_stat	672801	672872	-	4	2	K.GVLFNSGEFNGLDHEAAFNAIADK.L	28
PSTAT-872	proteomics_stat	672873	672953	-	4	7	K.YGLNIKPVILAADGSEPDLSQQALTEK.G	31
PSTAT-873	proteomics_stat	672954	672974	-	4	6	R.DYEFASK.Y	11
PSTAT-874	proteomics_stat	672975	673082	-	4	4	K.AVHPLTGEEIPVWAANFVLMYGTGAVMAVPGHDQR.D	40
PSTAT-875	proteomics_stat	673083	673106	-	4	11	K.KGVDTGFK.A	12
PSTAT-876	proteomics_stat	673104	673139	-	4	2	K.VAEAEMATMEKK.G	16
PSTAT-877	proteomics_stat	673107	673139	-	4	5	K.VAEAEMATMEK.K	15
PSTAT-878	proteomics_stat	673149	673196	-	4	4	K.AAENNPelaarAFIDECR.N	20
PSTAT-879	proteomics_stat	673356	673424	-	4	12	K.ITAYADELLNDLDKLDHWPDTVK.T	27
PSTAT-880	proteomics_stat	673680	673730	-	4	7	K.NNTAPAPWTYDNIAYMK.N	21
PSTAT-881	proteomics_stat	673731	673793	-	4	10	K.NVLQPIGWDAFGLPAEGA AVK.N	25
PSTAT-882	proteomics_stat	673815	673844	-	4	2	R.NYTIGDVIAR.Y	14
PSTAT-883	proteomics_stat	673866	673904	-	4	3	K.YYCLSMPLPYPSGR.L	17
PSTAT-884	proteomics_stat	673905	673940	-	4	4	R.TFEVTEDESKEK.Y	16
PSTAT-885	proteomics_stat	673905	673943	-	4	7	K.RTFEVTEDESKEK.Y	17
PSTAT-886	proteomics_stat	673944	673967	-	4	3	K.VQLHWDEK.R	12
PSTAT-887	proteomics_stat	673968	674006	-	4	5	A.MQEQRPEEIESK.V	17
PSTAT-888	proteomics_stat	683504	683542	-	6	3	K.AITSSAGNQTPEK.T	17
PSTAT-889	proteomics_stat	684359	684403	-	6	2	K.KGEVVVVCGPSGSGK.S	19
PSTAT-890	proteomics_stat	685260	685349	-	4	2	K.NSAIASTIGLVDMAAQAGKLLDYSAHAWES.F	34
PSTAT-891	proteomics_stat	685293	685349	-	4	2	K.NSAIASTIGLVDMAAQAGK.L	23
PSTAT-892	proteomics_stat	686074	686100	-	5	8	K.ALFKEPNDK.A	13
PSTAT-893	proteomics_stat	686101	686139	-	5	8	K.NLNMNFELSDEMK.A	17
PSTAT-894	proteomics_stat	686158	686229	-	5	3	K.LMDDTIAQVQTSGEAEKWFDKWFK.N	28
PSTAT-895	proteomics_stat	686167	686232	-	5	2	K.KLMDDTIAQVQTSGEAEKWFDK.W	26
PSTAT-896	proteomics_stat	686179	686229	-	5	13	K.LMDDTIAQVQTSGEAEK.W	21
PSTAT-897	proteomics_stat	686179	686232	-	5	5	K.KLMDDTIAQVQTSGEAEK.W	22
PSTAT-898	proteomics_stat	686233	686253	-	5	3	R.KDDPQFK.K	11
PSTAT-899	proteomics_stat	686254	686319	-	5	10	K.KPDNWEIVGK PQSQEAYGCMLR.K	26
PSTAT-900	proteomics_stat	686254	686325	-	5	8	K.AKKPDNWEIVGK PQSQEAYGCMLR.K	28
PSTAT-901	proteomics_stat	686332	686376	-	5	14	R.AVAFMMDDALLAGER.A	19

PSTAT-902	proteomics_stat	686395	686415	-	5	4	K.DHGDSFR.T	11
PSTAT-903	proteomics_stat	686461	686508	-	5	10	K.AVVVTSGTTSEVLLNK.L	20
PSTAT-904	proteomics_stat	686509	686547	-	5	11	K.GGDIKDFANLKDK.A	17
PSTAT-905	proteomics_stat	686509	686550	-	5	7	K.KGGDIKDFANLKDK.A	18
PSTAT-906	proteomics_stat	686563	686604	-	5	7	K.QAAFSDTIFVVGTR.L	18
PSTAT-907	proteomics_stat	686611	686676	-	5	7	R.IPLLQNGTFDFECGSTTNVVER.Q	26
PSTAT-908	proteomics_stat	686611	686703	-	5	2	K.LIPITSQNRIPLLQNGTFDFECGSTTNVVER.Q	35
PSTAT-909	proteomics_stat	686704	686733	-	5	6	K.KLNKPDQLQVK.L	14
PSTAT-910	proteomics_stat	686734	686787	-	5	5	K.VVGYSQDYSNAIVEAVKK.K	22
PSTAT-911	proteomics_stat	686737	686787	-	5	6	K.VVGYSQDYSNAIVEAVK.K	21
PSTAT-912	proteomics_stat	686737	686790	-	5	6	Q.KVVGYSQDYSNAIVEAVK.K	22
PSTAT-913	proteomics_stat	686788	686829	-	5	3	R.ESSVPFSYDQK.V	18
PSTAT-914	proteomics_stat	686830	686856	-	5	20	K.NGVIVVGHHR.E	13
PSTAT-915	proteomics_stat	686866	686892	-	5	3	A.PAAGSTLDK.I	13
PSTAT-916	proteomics_stat	686866	686904	-	5	21	A.DDAAPAAGSTLDK.I	17
PSTAT-917	proteomics_stat	689100	689141	-	4	2	K.GAPYSYESADRYNK.N	18
PSTAT-918	proteomics_stat	689259	689327	-	4	6	K.SSLIIWPESAITDLEINQQPFLK.A	27
PSTAT-919	proteomics_stat	689397	689444	-	4	3	K.TIQVSMVQGDIPQSLK.W	20
PSTAT-920	proteomics_stat	690141	690167	-	4	3	K.IPDDSPQPK.L	13
PSTAT-921	proteomics_stat	690597	690626	-	4	2	R.SDAEAFSMDK.V	14
PSTAT-922	proteomics_stat	690648	690701	-	4	4	R.FPVISEDKDHIEGILMAK.D	22
PSTAT-923	proteomics_stat	690702	690755	-	4	2	R.NQTLDECLDVIIESAHSR.F	22
PSTAT-924	proteomics_stat	690804	690881	-	4	4	R.DSGQNLDLIEDTRDMLEGVMDIADQR.V	30
PSTAT-925	proteomics_stat	690843	690881	-	4	3	R.DSGQNLDLIEDTR.D	17
PSTAT-926	proteomics_stat	690882	690911	-	4	4	K.NRDELLALIR.D	14
PSTAT-927	proteomics_stat	690960	691004	-	4	4	M.SDDNSHSSDTISNKK.G	19
PSTAT-928	proteomics_stat	691235	691279	-	6	3	K.EAQEQGKPLEAHWAH.M	19
PSTAT-929	proteomics_stat	691388	691432	-	6	2	R.VVDTAESHSLNLTYSR.G	19
PSTAT-930	proteomics_stat	691615	691656	-	5	6	R.IVNAYEAWEEAEQK.R	18
PSTAT-931	proteomics_stat	691768	691809	-	5	2	K.AVITGDVTDLPR.N	18
PSTAT-932	proteomics_stat	691843	691905	-	5	2	R.TLNDAFIILDESQNTTIEQMK.M	25
PSTAT-933	proteomics_stat	692062	692100	-	5	4	R.ILLTRPAVEAGEK.L	17
PSTAT-934	proteomics_stat	692158	692238	-	5	10	R.TPNQAQYIANILDHDITFGVGPAGTGK.T	31
PSTAT-935	proteomics_stat	692281	692322	-	5	6	R.VLEQSAESVPEYQK.A	18
PSTAT-936	proteomics_stat	692332	692379	-	5	5	R.GQIQDIEPEQIHLAIK.E	20
PSTAT-937	proteomics_stat	692410	692457	-	5	8	K.LTGRPICVTAADILR.S	20
PSTAT-938	proteomics_stat	692551	692583	-	5	2	R.EITLEPADNAR.L	15
PSTAT-939	proteomics_stat	693597	693668	-	4	2	R.GEEVSRPSDDILFEIAQLAAQGV.R	28
PSTAT-940	proteomics_stat	696739	696768	-	5	2	R.AVGVHQSAYK.-	14
PSTAT-941	proteomics_stat	696790	696819	-	5	2	K.AIEWDEAFKK.M	14
PSTAT-942	proteomics_stat	696922	696954	-	5	2	R.FRFPYNTPTSK.E	15
PSTAT-943	proteomics_stat	696955	697002	-	5	9	K.EVAAQQVSDQQLQLETAR.F	20
PSTAT-944	proteomics_stat	697003	697056	-	5	5	R.QKEQFSDGVGYSWIDTLK.E	22
PSTAT-945	proteomics_stat	697057	697098	-	5	3	R.ECFEAYLPASVAWR.Q	18
PSTAT-946	proteomics_stat	697270	697296	-	5	2	K.ELHEETVRK.L	13
PSTAT-947	proteomics_stat	697273	697293	-	5	2	E.LHEETVR.K	11

PSTAT-948	proteomics_stat	697273	697296	-	5	6	K.ELHEETVR.K	12
PSTAT-949	proteomics_stat	697555	697620	-	5	7	R.SEAWWPQLHSFAVGLPGSPDLK.A	26
PSTAT-950	proteomics_stat	697654	697737	-	5	20	K.SHLMSDVPYGVLLSGGLDSSIIISAITKK.Y	32
PSTAT-951	proteomics_stat	697657	697737	-	5	30	K.SHLMSDVPYGVLLSGGLDSSIIISAITK.K	31
PSTAT-952	proteomics_stat	697762	697818	-	5	4	R.DWFDYDAVKDNVTDKNELR.Q	23
PSTAT-953	proteomics_stat	697834	697881	-	5	6	K.EFPAGSYLWSQDGEIR.S	20
PSTAT-954	proteomics_stat	697834	697890	-	5	4	R.TIKEFPAGSYLWSQDGEIR.S	23
PSTAT-955	proteomics_stat	698146	698196	-	5	9	K.THVLAVNGEIYNHQALR.A	21
PSTAT-956	proteomics_stat	698197	698250	-	5	5	R.LSIVDVNAGAQPLYNQK.T	22
PSTAT-957	proteomics_stat	698251	698307	-	5	3	R.GPDWSGIYASDNAILAHER.L	23
PSTAT-958	proteomics_stat	698251	698313	-	5	14	R.HRGPDWSGIYASDNAILAHER.L	25
PSTAT-959	proteomics_stat	698938	698985	-	5	3	K.MQAHSEETVIVGDNL.R.T	20
PSTAT-960	proteomics_stat	699001	699042	-	5	6	R.KPFYVGKPSPWIR.A	18
PSTAT-961	proteomics_stat	699100	699132	-	5	7	R.FIATNPDPHGR.G	15
PSTAT-962	proteomics_stat	699190	699246	-	5	2	K.AGFTITDVNPDFVIVGETR.S	23
PSTAT-963	proteomics_stat	699241	699291	-	5	4	K.AYVVGEGALIHELYKAG.F	21
PSTAT-964	proteomics_stat	699247	699291	-	5	3	K.AYVVGEGALIHELYK.A	19
PSTAT-965	proteomics_stat	699310	699384	-	5	5	R.FATAGVDVPDSVFYTSAMATADFLR.R	29
PSTAT-966	proteomics_stat	699310	699420	-	5	2	N.YPSQTGGQLANRFATAGVDVPDSVFYTSAMATADFLR.R	41
PSTAT-967	proteomics_stat	699385	699447	-	5	5	K.GLPLVLLTNYPSQTGGQLANR.F	25
PSTAT-968	proteomics_stat	699448	699537	-	5	6	K.NVICDIDGVLMDNVAVPGAAEFLHGIMDK.G	34
PSTAT-969	proteomics_stat	699600	699641	-	4	2	R.AMLNGILLQHLLN.-	18
PSTAT-970	proteomics_stat	699858	699911	-	4	2	K.AANKGDSLASEVIEYVGR.H	22
PSTAT-971	proteomics_stat	700050	700103	-	4	3	R.NGNVGEIGHIQVEPLGER.C	22
PSTAT-972	proteomics_stat	700494	700532	-	4	2	R.HDATITLFDLSSK.V	17
PSTAT-973	proteomics_stat	700665	700712	-	4	3	R.IQIAEQSQLAPASVTK.I	20
PSTAT-974	proteomics_stat	700770	700817	-	4	3	S.MTPGGQAQIGNVDLVK.Q	20
PSTAT-975	proteomics_stat	700976	701020	-	6	4	R.NLVEHCGIALDEVLR.M	19
PSTAT-976	proteomics_stat	701294	701350	-	6	4	R.AGITFATHLYNAMPYITGR.E	23
PSTAT-977	proteomics_stat	701372	701425	-	6	10	K.LANAGIVVSAGHSNATLK.E	22
PSTAT-978	proteomics_stat	701471	701527	-	6	11	R.KPDAALVDFLCENADVITK.V	23
PSTAT-979	proteomics_stat	701843	701887	-	6	2	K.SVCPVAELPPEIEQR.S	19
PSTAT-980	proteomics_stat	701888	701950	-	6	2	R.IFTGHEFLDDHAVVIADGLIK.S	25
PSTAT-981	proteomics_stat	702043	702075	-	5	3	R.YFNELEAENIK.G	15
PSTAT-982	proteomics_stat	702091	702132	-	5	4	K.AIMVCDEPSTMELK.V	18
PSTAT-983	proteomics_stat	702367	702444	-	5	13	K.IHLFMGGVGNMGHIAFNAPASSLASR.T	30
PSTAT-984	proteomics_stat	702478	702561	-	5	2	R.NFFDHVDIPAENINLLNGNAPDIDAECR.Q	32
PSTAT-985	proteomics_stat	702598	702642	-	5	8	K.HVVTFNMDEYVGLPK.E	19
PSTAT-986	proteomics_stat	702685	702765	-	5	7	R.INAFKPTADRPFVGLPTGGTPMPTYK.A	31
PSTAT-987	proteomics_stat	709540	709575	-	5	3	K.VIEFSDDSIEAR.Q	16
PSTAT-988	proteomics_stat	709660	709698	-	5	2	R.VLNQFDDAGIVTR.H	17
PSTAT-989	proteomics_stat	709699	709743	-	5	2	R.LIDMGEEIGLATVYR.V	19
PSTAT-990	proteomics_stat	709744	709806	-	5	2	K.ILEVLQEPDNHHVSAEDLYKR.L	25
PSTAT-991	proteomics_stat	709747	709806	-	5	3	K.ILEVLQEPDNHHVSAEDLYK.R	24
PSTAT-992	proteomics_stat	710221	710295	-	5	6	K.GLADDDHFVGLAIDEDRQPELTAER.V	29
PSTAT-993	proteomics_stat	710296	710352	-	5	5	R.GATIVGHWPTAGYHFEASK.G	23

PSTAT-994	proteomics_stat	710575	710616	-	5	2	K.QLGKDVADVHDIK.S	18
PSTAT-995	proteomics_stat	710629	710685	-	5	5	M.AITGIFFGSDTGNTENIAK.M	23
PSTAT-996	proteomics_stat	711534	711575	-	4	6	R.QHLNEEGVIQFLK.S	18
PSTAT-997	proteomics_stat	711660	711701	-	4	2	K.LVAIDIAPVDYHVR.R	18
PSTAT-998	proteomics_stat	711660	711710	-	4	2	R.IDKLVAIDIAPVDYHVR.R	21
PSTAT-999	proteomics_stat	711702	711746	-	4	4	K.AVMALTALASDRIDK.L	19
PSTAT-1000	proteomics_stat	711747	711779	-	4	3	K.ATFIGHSMGGK.A	15
PSTAT-1001	proteomics_stat	711780	711812	-	4	2	L.VDTLDAQQIDK.A	15
PSTAT-1002	proteomics_stat	711780	711851	-	4	14	R.DPVMNYPAMAQDLVDTLDAQQIDK.A	28
PSTAT-1003	proteomics_stat	711915	712007	-	4	15	R.AQTAQNQHNNSPIVLVHGLFGSLDNLGVLAR.D	35
PSTAT-1004	proteomics_stat	721532	721609	-	6	3	R.TPLTVLFGQAEILTLDLASEGSPHAR.Q	30
PSTAT-1005	proteomics_stat	723074	723148	-	6	3	R.ETVPDPFFDAADDVVLVDLPPDDL.R.Q	29
PSTAT-1006	proteomics_stat	741837	741878	-	4	3	Y.CINNQCICKVLT.LR.K	18
PSTAT-1007	proteomics_stat	752435	752461	-	6	2	R.QLYTGYEK.R.D	13
PSTAT-1008	proteomics_stat	752438	752455	-	6	4	L.YTGYEK.R	10
PSTAT-1009	proteomics_stat	752438	752458	-	6	2	Q.LYTGYEK.R	11
PSTAT-1010	proteomics_stat	752438	752461	-	6	2	R.QLYTGYEK.R	12
PSTAT-1011	proteomics_stat	752477	752527	-	6	16	R.TVGWIAHWSEMHS DGMK.I	21
PSTAT-1012	proteomics_stat	752528	752578	-	6	8	K.AMGIPSSMFTVIFAMAR.T	21
PSTAT-1013	proteomics_stat	752579	752620	-	6	15	K.LYPNVDFYSGIILK.A	18
PSTAT-1014	proteomics_stat	752579	752623	-	6	46	K.KLYPNVDFYSGIILK.A	19
PSTAT-1015	proteomics_stat	752621	752692	-	6	2	K.DDLLEVAMELENIALNDPYFIEK.L	28
PSTAT-1016	proteomics_stat	752624	752692	-	6	7	K.DDLLEVAMELENIALNDPYFIEK.K	27
PSTAT-1017	proteomics_stat	752624	752707	-	6	20	K.ELGTKDDLLEVAMELENIALNDPYFIEK.K	32
PSTAT-1018	proteomics_stat	752708	752731	-	6	4	R.ETCHEVLK.E	12
PSTAT-1019	proteomics_stat	752792	752812	-	6	4	K.DKNDSFR.L	11
PSTAT-1020	proteomics_stat	752792	752818	-	6	3	R.AKDKNDSFR.L	13
PSTAT-1021	proteomics_stat	752843	752866	-	6	2	M.LEEISSVK.H	12
PSTAT-1022	proteomics_stat	752843	752869	-	6	5	K.MLEEISSVK.H	13
PSTAT-1023	proteomics_stat	752870	752917	-	6	2	A.SLWGP AHGGANE AALK.M	20
PSTAT-1024	proteomics_stat	752870	752935	-	6	11	C.IAAGIASLWGP AHGGANE AALK.M	26
PSTAT-1025	proteomics_stat	752870	752941	-	6	2	F.ACIAAGIASLWGP AHGGANE AALK.M	28
PSTAT-1026	proteomics_stat	752870	752947	-	6	2	N.PFACIAAGIASLWGP AHGGANE AALK.M	30
PSTAT-1027	proteomics_stat	752870	752968	-	6	4	T.AGSSGANPFACIAAGIASLWGP AHGGANE AALK.M	37
PSTAT-1028	proteomics_stat	752870	752971	-	6	117	R.TAGSSGANPFACIAAGIASLWGP AHGGANE AALK.M	38
PSTAT-1029	proteomics_stat	752972	753022	-	6	6	I.LILHADHEQNASTSTVR.T	21
PSTAT-1030	proteomics_stat	752972	753025	-	6	242	R.ILILHADHEQNASTSTVR.T	22
PSTAT-1031	proteomics_stat	753038	753082	-	6	2	F.STPCEPYEVNPILER.A	19
PSTAT-1032	proteomics_stat	753038	753124	-	6	25	R.NDLSYAGNFLNMMFSTPCEPYEVNPILER.A	33
PSTAT-1033	proteomics_stat	753125	753157	-	6	11	K.YSIGQPFVYPR.N	15
PSTAT-1034	proteomics_stat	753125	753160	-	6	2	Y.KYSIGQPFVYPR.N	16
PSTAT-1035	proteomics_stat	753224	753250	-	6	2	H.DSLDVNNPR.H	13
PSTAT-1036	proteomics_stat	753224	753310	-	6	134	R.DSHPMAMVCGITGALAAFYHDSL DVNNPR.H	33
PSTAT-1037	proteomics_stat	753332	753361	-	6	12	R.HTMIHEQITR.L	14
PSTAT-1038	proteomics_stat	753377	753481	-	6	41	R.GFPIDQLATDSNYLEV CYILLNGEKPTQE QYDEFK.T	39
PSTAT-1039	proteomics_stat	753482	753523	-	6	38	K.ITFIDGDEGILLHR.G	18

PSTAT-1040	proteomics_stat	753482	753526	-	6	6	S.KITFIDGDEGILLHR.G	19
PSTAT-1041	proteomics_stat	753524	753559	-	6	4	D.PGFTSTASCESK.I	16
PSTAT-1042	proteomics_stat	753524	753562	-	6	2	F.DPGFTSTASCESK.I	17
PSTAT-1043	proteomics_stat	753524	753577	-	6	29	K.GVFTFDPGFTSTASCESK.I	22
PSTAT-1044	proteomics_stat	753593	753625	-	6	6	K.GTLGQDVIDIR.T	15
PSTAT-1045	proteomics_stat	753593	753670	-	6	13	K.LTLNGDTAVELDVLKGTGQDVIDIR.T	30
PSTAT-1046	proteomics_stat	753626	753670	-	6	42	K.LTLNGDTAVELDVLK.G	19
PSTAT-1047	proteomics_stat	753626	753676	-	6	44	K.AKLTLNGDTAVELDVLK.G	21
PSTAT-1048	proteomics_stat	771331	771372	-	5	6	R.TAAIPKLAIAKER.L	18
PSTAT-1049	proteomics_stat	784163	784222	-	6	11	K.VQTGDGINNDVDTKTDGTTQ.-	24
PSTAT-1050	proteomics_stat	784163	784225	-	6	2	K.KVQTGDGINNDVDTKTDGTTQ.-	25
PSTAT-1051	proteomics_stat	784181	784222	-	6	5	K.VQTGDGINNDVDTK.T	18
PSTAT-1052	proteomics_stat	784181	784225	-	6	8	K.KVQTGDGINNDVDTK.T	19
PSTAT-1053	proteomics_stat	784391	784465	-	6	3	A.DSGAQTNNGQANAAADAGQVAPDAR.E	29
PSTAT-1054	proteomics_stat	784391	784468	-	6	29	A.ADSGAQTNNGQANAAADAGQVAPDAR.E	30
PSTAT-1055	proteomics_stat	786102	786134	-	4	4	Y.YLGNADEIAAK.A	15
PSTAT-1056	proteomics_stat	786102	786137	-	4	9	R.YYLGNADEIAAK.A	16
PSTAT-1057	proteomics_stat	786102	786140	-	4	4	K.RYYLGNADEIAAK.A	17
PSTAT-1058	proteomics_stat	786138	786239	-	4	28	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLKR.Y	38
PSTAT-1059	proteomics_stat	786141	786239	-	4	3	K.YLDNMSEEEIELNIPTGVPLVYEFDENFKPLK.R	37
PSTAT-1060	proteomics_stat	786252	786281	-	4	6	V.IIAAHGNSLR.A	14
PSTAT-1061	proteomics_stat	786252	786284	-	4	28	R.VIAAHGNSLR.A	15
PSTAT-1062	proteomics_stat	786303	786335	-	4	6	V.IPYWNETILPR.M	15
PSTAT-1063	proteomics_stat	786303	786338	-	4	10	R.VIPYWNETILPR.M	16
PSTAT-1064	proteomics_stat	786303	786341	-	4	6	D.RVIPYWNETILPR.M	17
PSTAT-1065	proteomics_stat	786339	786380	-	4	25	K.ELPLTESLALTIDR.V	18
PSTAT-1066	proteomics_stat	786339	786392	-	4	10	K.LSEKELPLTESLALTIDR.V	22
PSTAT-1067	proteomics_stat	786402	786434	-	4	2	K.DDERYPGH DPR.Y	15
PSTAT-1068	proteomics_stat	786423	786470	-	4	4	R.RGFAVTPPELTKDDER.Y	20
PSTAT-1069	proteomics_stat	786435	786467	-	4	4	R.GFAVTPPELTK.D	15
PSTAT-1070	proteomics_stat	786435	786470	-	4	15	R.RGFAVTPPELTK.D	16
PSTAT-1071	proteomics_stat	786480	786500	-	4	10	K.YGDEQVK.Q	11
PSTAT-1072	proteomics_stat	786480	786518	-	4	6	K.AETAKEYGDEQVK.Q	17
PSTAT-1073	proteomics_stat	786501	786548	-	4	6	R.HYGALQGLNKAETAEK.Y	20
PSTAT-1074	proteomics_stat	786519	786545	-	4	4	H.YGALQGLNK.A	13
PSTAT-1075	proteomics_stat	786519	786548	-	4	4	R.HYGALQGLNK.A	14
PSTAT-1076	proteomics_stat	786570	786632	-	4	12	R.AIHTLWNVLDDELQAWLPVEK.S	25
PSTAT-1077	proteomics_stat	786633	786680	-	4	2	K.EEGYSFDFAYTSVLKR.A	20
PSTAT-1078	proteomics_stat	786633	786689	-	4	10	K.LLKEEGYSFDFAYTSVLKR.A	23
PSTAT-1079	proteomics_stat	786636	786680	-	4	6	K.EEGYSFDFAYTSVLK.R	19
PSTAT-1080	proteomics_stat	786636	786686	-	4	2	L.LKEEGYSFDFAYTSVLK.R	21
PSTAT-1081	proteomics_stat	786636	786689	-	4	54	K.LLKEEGYSFDFAYTSVLK.R	22
PSTAT-1082	proteomics_stat	786720	786755	-	4	10	R.FTGWYDIDLSEK.G	16
PSTAT-1083	proteomics_stat	786756	786788	-	4	12	R.HGESQWKNENR.F	15
PSTAT-1084	proteomics_stat	786765	786788	-	4	2	R.HGESQWNK.E	12
PSTAT-1085	proteomics_stat	787176	787241	-	4	9	K.VYTTAPALQFYSGNFLGGTPSR.G	26

PSTAT-1086	proteomics_stat	787254	787286	-	4	6	K.VAAHVWSADEK.L	15
PSTAT-1087	proteomics_stat	787254	787289	-	4	3	K.KVAAHVWSADEK.L	16
PSTAT-1088	proteomics_stat	787302	787334	-	4	9	K.GYDHAFLLQAK.G	15
PSTAT-1089	proteomics_stat	787341	787382	-	4	3	K.IIASEFLADDDQRK.V	18
PSTAT-1090	proteomics_stat	787344	787382	-	4	2	K.IIASEFLADDDQR.K	17
PSTAT-1091	proteomics_stat	787422	787487	-	4	5	K.LQILADEYLPVDEGGIPHDGLK.S	26
PSTAT-1092	proteomics_stat	787497	787577	-	4	5	R.ATVDKPCPVNMTNHVYFNLDGEQSDVR.N	31
PSTAT-1093	proteomics_stat	787614	787691	-	4	2	R.QVLFALSSDDGDQGFPGNLQATVQYR.L	30
PSTAT-1094	proteomics_stat	787692	787718	-	4	4	R.WQIVNQNDR.Q	13
PSTAT-1095	proteomics_stat	787722	787808	-	4	3	R.YTFDGETVTLSPSQGVNQLHGGPEGFDKR.R	33
PSTAT-1096	proteomics_stat	787722	787811	-	4	2	S.RYTFDGETVTLSPSQGVNQLHGGPEGFDKR.R	34
PSTAT-1097	proteomics_stat	787725	787808	-	4	2	R.YTFDGETVTLSPSQGVNQLHGGPEGFDK.R	32
PSTAT-1098	proteomics_stat	787938	787997	-	4	6	R.NNAGMVVTLMDWGATLLSAR.I	24
PSTAT-1099	proteomics_stat	788114	788212	-	6	2	R.MTGGGFGGCIVALIPEELVPAVQQAVAEQYEA.K.T	37
PSTAT-1100	proteomics_stat	788243	788296	-	6	2	R.DDFEITVPQIDTLVEIVK.A	22
PSTAT-1101	proteomics_stat	789119	789184	-	6	5	K.TQSLFANAFGYPATHTIQAPGR.V	26
PSTAT-1102	proteomics_stat	789251	789280	-	6	6	R.DLTAEQAAER.L	14
PSTAT-1103	proteomics_stat	789857	789901	-	6	2	K.TLPELSVAALTEIVK.T	19
PSTAT-1104	proteomics_stat	790364	790405	-	6	4	R.REGDLPAYWADASK.A	18
PSTAT-1105	proteomics_stat	790406	790444	-	6	4	K.ACGKPVNYHFAPR.R	17
PSTAT-1106	proteomics_stat	790445	790531	-	6	38	K.LANKPGVHIYNLGGVGNVLDVVNAFSK.A	33
PSTAT-1107	proteomics_stat	790586	790642	-	6	4	R.DSLAIFGNDYPTEDGTGVR.D	23
PSTAT-1108	proteomics_stat	790784	790819	-	6	2	K.LMVEQILTDLQK.A	16
PSTAT-1109	proteomics_stat	790826	790879	-	6	4	K.IPYVESFPTGTPQSPYK.S	22
PSTAT-1110	proteomics_stat	790961	791026	-	6	5	K.AVGESVQKPLEYYDNVNGTLR.L	26
PSTAT-1111	proteomics_stat	791027	791098	-	6	3	R.NEALMTEILHDHAIDTVIHFAGLK.A	28
PSTAT-1112	proteomics_stat	791701	791769	-	5	4	R.ALVKHPTLLILDEPLQGLDPLNR.Q	27
PSTAT-1113	proteomics_stat	791833	791874	-	5	2	K.LVQQWLDILGIDKR.T	18
PSTAT-1114	proteomics_stat	792043	792114	-	5	5	K.STLLSLVTGDHPQGYSDNLTIFGR.R	28
PSTAT-1115	proteomics_stat	792499	792582	-	5	6	K.TLLCQALMSEPDLLILDEPFGLDVASR.Q	32
PSTAT-1116	proteomics_stat	792499	792585	-	5	2	R.KTLLCQALMSEPDLLILDEPFGLDVASR.Q	33
PSTAT-1117	proteomics_stat	792619	792666	-	5	3	R.CMQLAQQFGITALLDR.R	20
PSTAT-1118	proteomics_stat	792667	792711	-	5	3	R.TTAEIIQDEVKDAPR.C	19
PSTAT-1119	proteomics_stat	792712	792756	-	5	3	R.NNTDMLGPGEDDTGR.T	19
PSTAT-1120	proteomics_stat	793232	793318	-	6	2	K.APWVGITQDEAVAQNADNQLPGIISHIER.G	33
PSTAT-1121	proteomics_stat	793319	793360	-	6	2	R.LGLDEGKEVILLK.A	18
PSTAT-1122	proteomics_stat	793361	793390	-	6	2	K.VAITAQSGAR.L	14
PSTAT-1123	proteomics_stat	793508	793573	-	6	3	K.AFDVLSDDDALPLNSLLAAISR.F	26
PSTAT-1124	proteomics_stat	797210	797257	-	6	2	R.RNSVRLSHKSLWLKR.R	20
PSTAT-1125	proteomics_stat	805281	805304	-	4	2	N.LNDTNYNR.M	12
PSTAT-1126	proteomics_stat	805308	805352	-	4	2	F.AGNTGSVDDNDEIQR.N	19
PSTAT-1127	proteomics_stat	805425	805469	-	4	2	R.SLDVDANTNGQVVIR.D	19
PSTAT-1128	proteomics_stat	805470	805508	-	4	4	R.FNAFGDGVAQLGR.S	17
PSTAT-1129	proteomics_stat	805509	805586	-	4	14	R.TQQEAYVFAPATLSNIYYGFLAVNSR.F	30
PSTAT-1130	proteomics_stat	805602	805634	-	4	2	R.GAVVFDNTEFR.V	15
PSTAT-1131	proteomics_stat	805635	805688	-	4	7	R.TLVTNSYIEGDVDIVSGR.G	22

PSTAT-1132	proteomics_stat	805713	805754	-	4	6	R.QNTFFVTNSGVQNR.L	18
PSTAT-1133	proteomics_stat	805755	805802	-	4	7	R.TDGDQVQINNVNILGR.Q	20
PSTAT-1134	proteomics_stat	805941	805991	-	4	6	K.YMPGKPAWYMYDSCQSK.R	21
PSTAT-1135	proteomics_stat	806016	806060	-	4	3	K.IGLSLDGGMSPADWR.H	19
PSTAT-1136	proteomics_stat	806061	806120	-	4	2	V.PAAPGGITLYGTGEKPIDVK.I	24
PSTAT-1137	proteomics_stat	806061	806171	-	4	2	K.RQYIAVMPGEYQGTVVVPAAPGGITLYGTGEKPIDVK.I	41
PSTAT-1138	proteomics_stat	806788	806832	-	5	3	K.TGYDGAAPPKGETHR.Y	19
PSTAT-1139	proteomics_stat	806848	806910	-	5	7	R.VLPQGFSGSLVAMPDGLQTR.T	25
PSTAT-1140	proteomics_stat	807001	807081	-	5	9	R.HVFNGMGYDGDNISPHLAWDDVPAGTK.S	31
PSTAT-1141	proteomics_stat	807245	807295	-	6	2	K.LIYLMPPYIILPQQLQR.L	21
PSTAT-1142	proteomics_stat	807338	807400	-	6	3	R.VLGAIGVVETTHPVNMAALQK.F	25
PSTAT-1143	proteomics_stat	807938	807982	-	6	3	K.GYLPENLFAPAPQSR.M	19
PSTAT-1144	proteomics_stat	815565	815618	-	4	3	R.FGGNGELSGHNLGNLMLK.A	22
PSTAT-1145	proteomics_stat	821901	821963	-	4	2	R.DNLNGIIAADCCQVDETMLPK.R	25
PSTAT-1146	proteomics_stat	825050	825088	-	6	2	K.SPQEIRPTIDTQK.A	17
PSTAT-1147	proteomics_stat	828329	828415	-	6	8	K.VLLYTDGRPDKPYHGQIGFVSPTAEFTPK.T	33
PSTAT-1148	proteomics_stat	828542	828640	-	6	2	K.ASLEQAQAQLAQAELNLQDSTLIAPSDGTLTR.A	37
PSTAT-1149	proteomics_stat	828641	828664	-	6	2	R.EQDIAQAK.A	12
PSTAT-1150	proteomics_stat	828797	828841	-	6	2	K.QAQAAYDYAQNIFYNR.Q	19
PSTAT-1151	proteomics_stat	828878	828931	-	6	3	K.AGVSVAAQYDLMLAGYR.N	22
PSTAT-1152	proteomics_stat	828932	828994	-	6	8	K.AGQVLGELDHKPYEIALMQAK.A	25
PSTAT-1153	proteomics_stat	829822	829872	-	5	3	D.CAMNNPAMTIKGEQAKK.Q	21
PSTAT-1154	proteomics_stat	836918	836974	-	6	6	K.AAAAGASGYSITSATNNNK.L	23
PSTAT-1155	proteomics_stat	836987	837040	-	6	3	K.IGVVSADGASTLDALEAK.L	22
PSTAT-1156	proteomics_stat	837041	837082	-	6	4	A.AEPVTASQAQNMNK.I	18
PSTAT-1157	proteomics_stat	838925	838984	-	6	2	R.TDIENEVEQNDDGTYSQYGK.K	24
PSTAT-1158	proteomics_stat	844967	844993	-	6	2	R.LQEFLQHVS.-	13
PSTAT-1159	proteomics_stat	845012	845047	-	6	3	R.IAEDGNPQVLK.N	16
PSTAT-1160	proteomics_stat	845171	845218	-	6	4	K.MMLFDEPTSALDPELR.H	20
PSTAT-1161	proteomics_stat	845255	845299	-	6	10	R.AHHYPSELSSGGQQQR.V	19
PSTAT-1162	proteomics_stat	845375	845425	-	6	3	Y.LFPHLTALENVMFGPLR.V	21
PSTAT-1163	proteomics_stat	846505	846537	-	5	8	R.ENGTYNEIYKK.W	15
PSTAT-1164	proteomics_stat	846508	846546	-	5	4	K.TLRENGTYNEIYK.K	17
PSTAT-1165	proteomics_stat	846547	846588	-	5	3	K.GSDELDRDKVNGALK.T	18
PSTAT-1166	proteomics_stat	846589	846639	-	5	5	K.AVGDSLEAQYGIAPFK.G	21
PSTAT-1167	proteomics_stat	846664	846711	-	5	13	R.ADAVLHDTPNILYFIK.T	20
PSTAT-1168	proteomics_stat	846712	846759	-	5	6	R.QFPNIDNAYMELGTNR.A	20
PSTAT-1169	proteomics_stat	846877	846900	-	5	5	K.SGLLMVK.A	12
PSTAT-1170	proteomics_stat	846937	846981	-	5	2	K.NVDLALAGITIDER.K	19
PSTAT-1171	proteomics_stat	846982	847041	-	5	4	K.LDYELKPMDFSGIIPALQTK.N	24
PSTAT-1172	proteomics_stat	846982	847050	-	5	6	K.ELKLDYELKPMDFSGIIPALQTK.N	27
PSTAT-1173	proteomics_stat	847105	847149	-	5	12	K.LVVATDTAFVPEFEK.Q	19
PSTAT-1174	proteomics_stat	847105	847152	-	5	12	K.KLVVATDTAFVPEFEK.Q	20
PSTAT-1175	proteomics_stat	847634	847663	-	6	3	K.FLWFIESNIE.-	14
PSTAT-1176	proteomics_stat	847676	847705	-	6	2	D.TADILTAASR.D	14
PSTAT-1177	proteomics_stat	847676	847708	-	6	2	D.DTADILTAASR.D	15

PSTAT-1178	proteomics_stat	847676	847711	-	6	2	D.DDTADILTAASR.D	16
PSTAT-1179	proteomics_stat	847676	847714	-	6	34	K.DDDTADILTAASR.D	17
PSTAT-1180	proteomics_stat	847676	847732	-	6	55	K.AIGEAKDDDTADILTAASR.D	23
PSTAT-1181	proteomics_stat	847676	847735	-	6	78	R.KAIGEAKDDDTADILTAASR.D	24
PSTAT-1182	proteomics_stat	847676	847759	-	6	7	Y.AIVANDVRKAIGEAKDDDTADILTAASR.D	32
PSTAT-1183	proteomics_stat	847697	847732	-	6	2	K.AIGEAKDDDTAD.I	16
PSTAT-1184	proteomics_stat	847733	847756	-	6	2	A.IVANDVRK.A	12
PSTAT-1185	proteomics_stat	847733	847762	-	6	22	R.YAIVANDVRK.A	14
PSTAT-1186	proteomics_stat	847736	847759	-	6	2	Y.AIVANDVR.K	12
PSTAT-1187	proteomics_stat	847736	847762	-	6	8	R.YAIVANDVR.K	13
PSTAT-1188	proteomics_stat	847736	847777	-	6	3	K.ELADRYAIVANDVR.K	18
PSTAT-1189	proteomics_stat	847763	847819	-	6	7	K.SYPLDIHNVQDHLKELADR.Y	23
PSTAT-1190	proteomics_stat	847778	847813	-	6	14	Y.PLDIHNVQDHLK.E	16
PSTAT-1191	proteomics_stat	847778	847816	-	6	5	S.YPLDIHNVQDHLK.E	17
PSTAT-1192	proteomics_stat	847778	847819	-	6	103	K.SYPLDIHNVQDHLK.E	18
PSTAT-1193	proteomics_stat	847832	847885	-	6	187	R.AVQLGGVALGTTQVINSK.T	22
PSTAT-1194	proteomics_stat	847886	847915	-	6	3	L.IDHLDTMAER.A	14
PSTAT-1195	proteomics_stat	847886	847921	-	6	4	T.ALIDHLDTMAER.A	16
PSTAT-1196	proteomics_stat	847886	847924	-	6	33	R.TALIDHLDTMAER.A	17
PSTAT-1197	proteomics_stat	847925	847957	-	6	3	F.IAVHEMLDGFR.T	15
PSTAT-1198	proteomics_stat	847925	847960	-	6	2	N.FIAVHEMLDGFR.T	16
PSTAT-1199	proteomics_stat	847925	847969	-	6	142	R.GANFIAVHEMLDGFR.T	19
PSTAT-1200	proteomics_stat	847991	848029	-	6	73	R.QVIQFIDLTLTK.Q	17
PSTAT-1201	proteomics_stat	848030	848053	-	6	10	K.ATVELLNR.Q	12
PSTAT-1202	proteomics_stat	848030	848056	-	6	11	K.KATVELLNR.Q	13
PSTAT-1203	proteomics_stat	848081	848104	-	6	37	K.ATNLLYTR.N	12
PSTAT-1204	proteomics_stat	854080	854142	-	5	2	K.SVQTVTGPDQVVLDEAIK.N	25
PSTAT-1205	proteomics_stat	854143	854223	-	5	9	R.YIEVHNPLSTTEAQFEGQEIVPITLTK.S	31
PSTAT-1206	proteomics_stat	854224	854277	-	5	3	R.VQFIDEVPKATTEPDGSR.Y	22
PSTAT-1207	proteomics_stat	854353	854397	-	5	2	L.YAIHGTNANFGIGLR.V	19
PSTAT-1208	proteomics_stat	854353	854397	-	5	2	L.YAIHGTNANFGIGLR.V	19
PSTAT-1209	proteomics_stat	854353	854400	-	5	15	R.LYAIHGTNANFGIGLR.V	20
PSTAT-1210	proteomics_stat	854353	854400	-	5	15	R.LYAIHGTNANFGIGLR.V	20
PSTAT-1211	proteomics_stat	854401	854481	-	5	6	R.AAGEPLPAVVPAGPDNPMGLYALYIGR.L	31
PSTAT-1212	proteomics_stat	854545	854571	-	5	4	K.DTPINWTTK.V	13
PSTAT-1213	proteomics_stat	854572	854622	-	5	4	K.GTNTVIVLPIGIGQLGK.D	21
PSTAT-1214	proteomics_stat	854641	854727	-	5	11	K.GGTVLNIPQQLILPDTVHEGIVINSAEMR.L	33
PSTAT-1215	proteomics_stat	858439	858519	-	5	6	R.YATDDNNHEGALNVIQAVLDNTSPFNS.-	31
PSTAT-1216	proteomics_stat	858808	858855	-	5	3	R.LKPVKDYQEIDVLFK.F	20
PSTAT-1217	proteomics_stat	859195	859239	-	5	2	K.VIVTDMDGTFLLNDAK.T	19
PSTAT-1218	proteomics_stat	864598	864633	-	5	2	K.LSGNTASGLPAR.Q	16
PSTAT-1219	proteomics_stat	864970	865050	-	5	3	R.VALFSTGDELQLPGQPLGDGQIYDTNR.L	31
PSTAT-1220	proteomics_stat	865060	865122	-	5	7	R.LTTAELPVIASLGLAEVPIR.K	25
PSTAT-1221	proteomics_stat	865123	865173	-	5	3	R.RGEDISAGAVVFPAGTR.L	21
PSTAT-1222	proteomics_stat	865213	865296	-	5	3	R.IMTGAPVPEGCEAVVMQEQTEQMDNGVR.F	32
PSTAT-1223	proteomics_stat	865297	865350	-	5	6	K.SFAGQPYHGEWPAGTCIR.I	22

PSTAT-1224	proteomics_stat	865351	865395	-	5	2	R.LADIASGQPLPVAGK.S	19
PSTAT-1225	proteomics_stat	865396	865473	-	5	4	R.ILASDVVSPLDVPGFDNSAMDGYAVR.L	30
PSTAT-1226	proteomics_stat	865474	865527	-	5	3	R.VTPLTAQETLPLVQCFGR.I	22
PSTAT-1227	proteomics_stat	865528	865587	-	5	8	F.MEFTTGLMSLDTALNEMLSR.V	24
PSTAT-1228	proteomics_stat	875936	875983	-	6	2	R.VKVEHADEYDLWGSRV.-	20
PSTAT-1229	proteomics_stat	876137	876172	-	6	2	R.FMQLQQQISAER.L	16
PSTAT-1230	proteomics_stat	876449	876493	-	6	2	K.ILPYLDIPLQHASPR.I	19
PSTAT-1231	proteomics_stat	876494	876556	-	6	6	R.LHYVYPYPHVDDVIPLMAEGK.I	25
PSTAT-1232	proteomics_stat	876611	876640	-	6	4	R.TGFHNGEPVK.T	14
PSTAT-1233	proteomics_stat	876719	876769	-	6	2	R.GDLVSRPIGEVLSEAKR.L	21
PSTAT-1234	proteomics_stat	876854	876895	-	6	3	K.HNPFLSLVPEQGVK.L	18
PSTAT-1235	proteomics_stat	879254	879298	-	6	3	K.ECDALFALLDAELAK.V	19
PSTAT-1236	proteomics_stat	879254	879325	-	6	5	D.QAAIDASCKECDALFALLDAELAK.V	28
PSTAT-1237	proteomics_stat	879299	879328	-	6	6	R.DQAAIDASCK.E	14
PSTAT-1238	proteomics_stat	879371	879412	-	6	5	K.WMDWANQTLNAHR.G	18
PSTAT-1239	proteomics_stat	879431	879457	-	6	2	K.RLWIDSPAR.R	13
PSTAT-1240	proteomics_stat	879458	879481	-	6	3	Y.LAAQYGQK.R	12
PSTAT-1241	proteomics_stat	879485	879532	-	6	4	R.DDESILILWESNAIVR.Y	20
PSTAT-1242	proteomics_stat	879533	879601	-	6	2	R.EFGINHADFLAMNPNGLVPLLR.D	27
PSTAT-1243	proteomics_stat	879602	879658	-	6	4	K.VLLTLEELPEYEQILAGR.E	23
PSTAT-1244	proteomics_stat	879602	879661	-	6	10	K.KVLLTLEELPEYEQILAGR.E	24
PSTAT-1245	proteomics_stat	881325	881351	-	4	3	K.HVLVVDHSK.F	13
PSTAT-1246	proteomics_stat	881742	881774	-	4	2	R.SASHYLLSDQK.S	15
PSTAT-1247	proteomics_stat	885124	885204	-	5	4	Q.LISFFPEIANEIAFVAENGGWVWVSEGK.D	31
PSTAT-1248	proteomics_stat	888449	888493	-	6	4	K.LQHQLDQTSAAQIAR.E	19
PSTAT-1249	proteomics_stat	889737	889823	-	4	2	K.AGKPVETVPQIFVDQQHIGGYTDFAAWVK.E	33
PSTAT-1250	proteomics_stat	889824	889859	-	4	2	R.AEGITKEDLQQK.A	16
PSTAT-1251	proteomics_stat	889860	889892	-	4	2	R.DDFQYQYVDIR.A	15
PSTAT-1252	proteomics_stat	889860	889907	-	4	2	K.LSNERDDFQYQYVDIR.A	20
PSTAT-1253	proteomics_stat	899115	899141	-	4	4	K.LNNALAAIK.A	13
PSTAT-1254	proteomics_stat	899157	899216	-	4	11	K.VTDPQYFGTGLGIAVRPDNK.A	24
PSTAT-1255	proteomics_stat	899217	899249	-	4	9	K.TNPQLGVATEK.V	15
PSTAT-1256	proteomics_stat	899250	899297	-	4	12	R.IDGVFGDTAVVNEWLK.T	20
PSTAT-1257	proteomics_stat	899307	899351	-	4	14	K.TVSYDSYQNAFIDLK.N	19
PSTAT-1258	proteomics_stat	899352	899378	-	4	6	Y.IQDQHPEVK.T	13
PSTAT-1259	proteomics_stat	899352	899381	-	4	15	K.YIQDQHPEVK.T	14
PSTAT-1260	proteomics_stat	899382	899414	-	4	13	R.IGMENGTTTHQK.Y	15
PSTAT-1261	proteomics_stat	899382	899417	-	4	6	K.RIGMENGTTTHQK.Y	16
PSTAT-1262	proteomics_stat	899457	899510	-	4	5	K.QVSFTTPYYENSAVVIK.K	22
PSTAT-1263	proteomics_stat	899517	899558	-	4	5	K.YDAVISGMDITPER.S	18
PSTAT-1264	proteomics_stat	899517	899561	-	4	14	R.KYDAVISGMDITPER.S	19
PSTAT-1265	proteomics_stat	899568	899630	-	4	4	K.QMQAECTFTNHAFDSLIPSLK.F	25
PSTAT-1266	proteomics_stat	899643	899705	-	4	16	Y.PPFESIGANNEIVGFDIDLAK.A	25
PSTAT-1267	proteomics_stat	899643	899732	-	4	31	K.INFGVSATYPPFESIGANNEIVGFDIDLAK.A	34
PSTAT-1268	proteomics_stat	901495	901524	-	5	8	K.DGTYETIYNK.W	14
PSTAT-1269	proteomics_stat	901582	901629	-	5	6	K.VTDKDYFGTGLGIAVR.Q	20

PSTAT-1270	proteomics_stat	901582	901650	-	5	7	K.LAAVGDKVTDKDYFGTGLGIIVR.Q	27
PSTAT-1271	proteomics_stat	901663	901710	-	5	2	R.IDGVFGDTAVVTEWLK.D	20
PSTAT-1272	proteomics_stat	901732	901779	-	5	10	K.HPEITTVPYDSYQNAK.L	20
PSTAT-1273	proteomics_stat	901732	901794	-	5	16	K.FIMDKHPEITTVPYDSYQNAK.L	25
PSTAT-1274	proteomics_stat	901795	901827	-	5	7	K.VGVQNGTTHQK.F	15
PSTAT-1275	proteomics_stat	901861	901923	-	5	3	K.QVLFPTPYDNSALFVGQQGK.Y	25
PSTAT-1276	proteomics_stat	901924	901974	-	5	2	R.RVEAVMAGMDITPEREK.Q	21
PSTAT-1277	proteomics_stat	901930	901974	-	5	14	R.RVEAVMAGMDITPER.E	19
PSTAT-1278	proteomics_stat	901981	902043	-	5	3	K.EIDATCTFSNQAFDSLIPSLK.F	25
PSTAT-1279	proteomics_stat	902044	902139	-	5	14	R.FATEASYPPFESIDANNQIVGFDVLAQALCK.E	36
PSTAT-1280	proteomics_stat	902511	902546	-	4	2	R.YPLHLSGGQQQR.V	16
PSTAT-1281	proteomics_stat	902748	902792	-	4	5	R.SGTLNIAGNHDFDK.T	19
PSTAT-1282	proteomics_stat	903196	903234	-	5	7	Y.LGGSVHATAGTLR.Q	17
PSTAT-1283	proteomics_stat	903196	903237	-	5	19	R.YLGGSVHATAGTLR.Q	18
PSTAT-1284	proteomics_stat	903349	903402	-	5	15	R.TTLPDSAHVASASTIPNR.D	22
PSTAT-1285	proteomics_stat	903451	903480	-	5	5	K.LATLLSDASR.D	14
PSTAT-1286	proteomics_stat	903451	903522	-	5	8	R.SNDITALRPYLSDKLATLLSDASR.D	28
PSTAT-1287	proteomics_stat	903481	903522	-	5	8	R.SNDITALRPYLSDK.L	18
PSTAT-1288	proteomics_stat	903535	903594	-	5	6	R.SGPCVEGGPDNVAQQFYDYR.I	24
PSTAT-1289	proteomics_stat	905794	905850	-	5	3	K.MGAEFVPADLTELVSSQAK.V	23
PSTAT-1290	proteomics_stat	907594	907626	-	5	2	R.NVLINASPIVR.L	15
PSTAT-1291	proteomics_stat	907726	907773	-	5	3	R.LQEDHDNAAWMAEQLR.E	20
PSTAT-1292	proteomics_stat	907885	907926	-	5	3	K.GLGTVPVGSLLVGNR.D	18
PSTAT-1293	proteomics_stat	908011	908040	-	5	2	R.NLALHVDGAR.I	14
PSTAT-1294	proteomics_stat	908092	908124	-	5	2	K.LLSLENTHGK.V	15
PSTAT-1295	proteomics_stat	908131	908160	-	5	3	K.IKPDDIHFAK.T	14
PSTAT-1296	proteomics_stat	908371	908424	-	5	2	G.DDPTVNALQDYAAELSGK.E	22
PSTAT-1297	proteomics_stat	908371	908430	-	5	2	V.YGDDPTVNALQDYAAELSGK.E	24
PSTAT-1298	proteomics_stat	908371	908457	-	5	4	M.MAAPVGDDVYGGDPTVNALQDYAAELSGK.E	33
PSTAT-1299	proteomics_stat	908572	908616	-	5	2	R.AIISGRGDEVIELAK.T	19
PSTAT-1300	proteomics_stat	908686	908733	-	5	3	R.AFSIDGPVLDVVVAK.E	20
PSTAT-1301	proteomics_stat	908734	908763	-	5	2	K.ASEVDEALQR.A	14
PSTAT-1302	proteomics_stat	908773	908805	-	5	2	R.IAEACGITGIR.V	15
PSTAT-1303	proteomics_stat	908806	908859	-	5	3	K.AGGYLTDGTELHDTNFAR.I	22
PSTAT-1304	proteomics_stat	908998	909078	-	5	5	R.LLGSFNHGSMANAMPQALGAQATEPER.Q	31
PSTAT-1305	proteomics_stat	909106	909207	-	5	12	K.AIHPQYLAQQISHFAADDAIFTCDVGTPTVWAAR.Y	38
PSTAT-1306	proteomics_stat	909208	909243	-	5	10	R.KGLDDLAKPSEK.A	16
PSTAT-1307	proteomics_stat	909334	909363	-	5	2	K.VDMALVGDIK.S	14
PSTAT-1308	proteomics_stat	909364	909411	-	5	4	K.IIQIDINPASIGAHSK.V	20
PSTAT-1309	proteomics_stat	909598	909621	-	5	2	K.ELVEFAGK.I	12
PSTAT-1310	proteomics_stat	909622	909675	-	5	3	R.YSSNIALMCGSGCAGAHK.E	22
PSTAT-1311	proteomics_stat	909694	909816	-	5	2	R.GVSVVVLPGDVALKPAPEGATMHWHYHAPQPVVTPPEEELRK.L	45
PSTAT-1312	proteomics_stat	909907	910002	-	5	3	R.NHVPVLAIAAHIPSSIEGSGYFQETHPQELFR.E	36
PSTAT-1313	proteomics_stat	910159	910212	-	5	2	R.IWGVGTGDSLNGLSDSLNR.M	22
PSTAT-1314	proteomics_stat	920624	920662	-	6	6	Q.HQHCYNAGAGFAR.R	17
PSTAT-1315	proteomics_stat	921643	921684	-	5	2	K.AGQSVQFDVHQGPK.G	18

PSTAT-1316	proteomics_stat	925475	925528	-	6	6	R.ILTGDKVTVELTPYDLSK.G	22
PSTAT-1317	proteomics_stat	925550	925597	-	6	25	R.VELENHVVTAHISGK.M	20
PSTAT-1318	proteomics_stat	925562	925597	-	6	6	R.VELENHVVTAH.I	16
PSTAT-1319	proteomics_stat	925598	925663	-	6	12	M.AKEDNIEMQGTVLETLPNTMFR.V	26
PSTAT-1320	proteomics_stat	927066	927125	-	4	2	R.DNLLASPGSSDEALSEILR.R	24
PSTAT-1321	proteomics_stat	927348	927392	-	4	4	R.DVQFTYPEQSQQALK.G	19
PSTAT-1322	proteomics_stat	927705	927749	-	4	2	R.TQLENTEIQWLEAQR.R	19
PSTAT-1323	proteomics_stat	928617	928691	-	4	2	R.ALLNPCSLLLLDEPAASLDAHSEQR.V	29
PSTAT-1324	proteomics_stat	928866	928916	-	4	5	K.HLSWVGQNPQLPAATLR.D	21
PSTAT-1325	proteomics_stat	928965	929018	-	4	5	K.SSLLNALSGFSLYQGSRLR.I	22
PSTAT-1326	proteomics_stat	930338	930391	-	6	3	R.QAITSAGTGCCMAALDAER.Y	22
PSTAT-1327	proteomics_stat	930392	930478	-	6	29	K.VQSGIHGNATQTSIPGVFAAGDVMDDHIYR.Q	33
PSTAT-1328	proteomics_stat	930608	930655	-	6	5	R.TLEEVTDGDMGVTGVR.L	20
PSTAT-1329	proteomics_stat	930656	930691	-	6	4	K.VENGNIIHTNR.T	16
PSTAT-1330	proteomics_stat	930656	930703	-	6	19	R.LMDKVENGNIIHTNR.T	20
PSTAT-1331	proteomics_stat	930656	930706	-	6	3	K.RLMDKVENGNIIHTNR.T	21
PSTAT-1332	proteomics_stat	930743	930829	-	6	73	K.VAVIGGGNTAVEEALYLSNIASEVHLIHR.R	33
PSTAT-1333	proteomics_stat	930920	930985	-	6	6	R.LNGDNGEYTCDALIATGASAR.Y	26
PSTAT-1334	proteomics_stat	931013	931048	-	6	5	K.FETEIIFDHINK.V	16
PSTAT-1335	proteomics_stat	931070	931153	-	6	11	K.GGQLTTTEVENWPGDPNDLTGPLLMEER.M	32
PSTAT-1336	proteomics_stat	931154	931192	-	6	3	R.ANLQPVITGMEK.G	17
PSTAT-1337	proteomics_stat	931193	931249	-	6	4	K.LLILGSGPAGYTAAYVAAR.A	23
PSTAT-1338	proteomics_stat	944562	944636	-	4	5	K.YFNLPTILTTSFETGPNGLVPELK.A	29
PSTAT-1339	proteomics_stat	944637	944669	-	4	2	K.NNVLALGLAK.Y	15
PSTAT-1340	proteomics_stat	944694	944759	-	4	7	R.LDKNDAAVLLVDHQAGLLSLVR.D	26
PSTAT-1341	proteomics_stat	949716	949736	-	4	2	R.DMGNVEK.I	11
PSTAT-1342	proteomics_stat	949857	949907	-	4	2	K.QMNDEIHQNLVGVSNHR.T	21
PSTAT-1343	proteomics_stat	949971	950012	-	4	2	K.EGIHTCLDTNGFVR.R	18
PSTAT-1344	proteomics_stat	950037	950111	-	4	5	R.HFMNASGGGV TASGGEAILQAEFVR.D	29
PSTAT-1345	proteomics_stat	950238	950285	-	4	5	R.IHSFESCGTV DGPGR.F	20
PSTAT-1346	proteomics_stat	950516	950542	-	6	3	K.EQQQDVITR.T	13
PSTAT-1347	proteomics_stat	950516	950560	-	6	2	R.FNSLTKEQQQDVITR.T	19
PSTAT-1348	proteomics_stat	950582	950638	-	6	9	R.EMLLDAMENPEKYPQLTIR.V	23
PSTAT-1349	proteomics_stat	950639	950728	-	6	4	K.TNLAGLMDGYFHHEASIEGGQHLLNVNVMNR.E	34
PSTAT-1350	proteomics_stat	950729	950794	-	6	4	K.DGISYTF SIVPNALGKDDEVK.T	26
PSTAT-1351	proteomics_stat	950732	950758	-	6	2	N.ALGKDDEVK.K	13
PSTAT-1352	proteomics_stat	950732	950794	-	6	5	K.DGISYTF SIVPNALGKDDEVK.K	25
PSTAT-1353	proteomics_stat	950747	950794	-	6	5	K.DGISYTF SIVPNALGK.D	20
PSTAT-1354	proteomics_stat	950816	950848	-	6	3	K.GAVASLTSVAK.L	15
PSTAT-1355	proteomics_stat	950816	950848	-	6	3	K.GAVASLTSVAK.L	15
PSTAT-1356	proteomics_stat	950858	950902	-	6	19	R.AGAPFGPGANPMHGR.D	19
PSTAT-1357	proteomics_stat	950858	950905	-	6	2	R.RAGAPFGPGANPMHGR.D	20
PSTAT-1358	proteomics_stat	950930	950989	-	6	3	R.DAIPTQSVLTITSNVYVYGGK.T	24
PSTAT-1359	proteomics_stat	950933	950989	-	6	33	R.DAIPTQSVLTITSNVYVYGGK.K	23
PSTAT-1360	proteomics_stat	951026	951058	-	6	7	R.VDDLAVDLVER.F	15
PSTAT-1361	proteomics_stat	951059	951130	-	6	83	R.DEDGLAIDFEIEGEYPQFGNNDPR.V	28

PSTAT-1362	proteomics_stat	951155	951214	-	6	25	R.TMACGIAGLSVAADSLSAIK.Y	24
PSTAT-1363	proteomics_stat	951266	951310	-	6	2	K.QYITALNIIHYMHDK.Y	19
PSTAT-1364	proteomics_stat	951311	951340	-	6	5	R.MDHFMDWLAK.Q	14
PSTAT-1365	proteomics_stat	951341	951391	-	6	5	K.SEPIKGDVLNYDEVMER.M	21
PSTAT-1366	proteomics_stat	951416	951454	-	6	5	K.TMLYAINGGVDEK.L	17
PSTAT-1367	proteomics_stat	951494	951607	-	6	2	K.VSIDTSSLQYENDDLMRPDFNDDYAIACCVSPMIVGK.Q	42
PSTAT-1368	proteomics_stat	951620	951709	-	6	3	R.FLNTLYTMGPSPEPNMTILWSEKLPNFKK.F	34
PSTAT-1369	proteomics_stat	951641	951709	-	6	7	R.FLNTLYTMGPSPEPNMTILWSEK.L	27
PSTAT-1370	proteomics_stat	951737	951817	-	6	11	R.TPEYDELFSGDPWIWATESIGGMGLDGR.T	31
PSTAT-1371	proteomics_stat	951842	951889	-	6	10	K.ITEQEAQEMVDHLMK.L	20
PSTAT-1372	proteomics_stat	951908	951940	-	6	2	R.TSTFLDVYIER.D	15
PSTAT-1373	proteomics_stat	951941	951973	-	6	2	K.SQNGAAMSFGFR.T	15
PSTAT-1374	proteomics_stat	951974	952057	-	6	39	K.YGYDISGPATNAQEAIQWTFYGYLAAVK.S	32
PSTAT-1375	proteomics_stat	952091	952120	-	6	4	R.LREEIAEQHR.A	14
PSTAT-1376	proteomics_stat	952121	952186	-	6	35	K.LAQFTSLQADLENGVNLEQTIR.L	26
PSTAT-1377	proteomics_stat	952121	952192	-	6	38	K.DKLAQFTSLQADLENGVNLEQTIR.L	28
PSTAT-1378	proteomics_stat	952121	952216	-	6	2	L.YGIDYLMKDKLAQFTSLQADLENGVNLEQTIR.L	36
PSTAT-1379	proteomics_stat	952193	952225	-	6	5	R.VALYGIDYLMK.D	15
PSTAT-1380	proteomics_stat	952193	952228	-	6	3	R.RVALYGIDYLMK.D	16
PSTAT-1381	proteomics_stat	952253	952291	-	6	4	K.SGVLTLPLDAYGR.G	17
PSTAT-1382	proteomics_stat	952253	952294	-	6	9	R.KSGVLTLPLDAYGR.G	18
PSTAT-1383	proteomics_stat	952301	952345	-	6	6	T.HNQGVFVDVYTPDILR.C	19
PSTAT-1384	proteomics_stat	952301	952348	-	6	29	K.THNQGVFVDVYTPDILR.C	20
PSTAT-1385	proteomics_stat	952301	952351	-	6	7	R.KTHNQGVFVDVYTPDILR.C	21
PSTAT-1386	proteomics_stat	952301	952369	-	6	6	K.IFTEYRKTHNQGVFVDVYTPDILR.C	27
PSTAT-1387	proteomics_stat	952373	952393	-	6	2	R.ELDPMIK.K	11
PSTAT-1388	proteomics_stat	952454	952486	-	6	2	I.VGLQTEAPLKR.A	15
PSTAT-1389	proteomics_stat	952454	952489	-	6	11	K.IVGLQTEAPLKR.A	16
PSTAT-1390	proteomics_stat	952457	952489	-	6	2	K.IVGLQTEAPLK.R	15
PSTAT-1391	proteomics_stat	952502	952576	-	6	211	R.THAPVDFDTAVASTITSHDAGYINK.Q	29
PSTAT-1392	proteomics_stat	952589	952681	-	6	2	K.NYTPYEGDESFLAGATEATTTLWDKVMEGVK.L	35
PSTAT-1393	proteomics_stat	952607	952681	-	6	13	K.NYTPYEGDESFLAGATEATTTLWDK.V	29
PSTAT-1394	proteomics_stat	952727	952756	-	6	11	K.LATAWEGFTK.G	14
PSTAT-1395	proteomics_stat	954266	954340	-	6	2	R.CLQTLLLLAQEEDRQPLQYLNAFVR.M	29
PSTAT-1396	proteomics_stat	955799	955828	-	6	4	K.DAALED SIAR.F	14
PSTAT-1397	proteomics_stat	955799	955852	-	6	2	M.TQTFIPGKDALED SIAR.F	22
PSTAT-1398	proteomics_stat	960107	960154	-	6	15	R.LASVSKLPTSPWVLMR.R	20
PSTAT-1399	proteomics_stat	983811	983852	-	4	42	R.LREEFGVYAVASGR.V	18
PSTAT-1400	proteomics_stat	983868	983903	-	4	2	K.QNGMFSFSGLTK.E	16
PSTAT-1401	proteomics_stat	983904	983936	-	4	8	K.GANRDFSFIK.Q	15
PSTAT-1402	proteomics_stat	983937	983966	-	4	3	R.QLFVNTLQEK.G	14
PSTAT-1403	proteomics_stat	983988	984020	-	4	5	R.AIWEQELTDMR.Q	15
PSTAT-1404	proteomics_stat	984021	984092	-	4	23	R.ANYSNPPAHGASVVATILSN DALR.A	28
PSTAT-1405	proteomics_stat	984123	984170	-	4	22	R.VGACTLVAADSETVDR.A	20
PSTAT-1406	proteomics_stat	984171	984194	-	4	3	K.NFGLYNER.V	12
PSTAT-1407	proteomics_stat	984195	984224	-	4	5	K.ELIVASSYSK.N	14

PSTAT-1408	proteomics_stat	984225	984245	-	4	2	R.AFAAMHK.E	11
PSTAT-1409	proteomics_stat	984246	984275	-	4	4	R.GLEEDAEGLR.A	14
PSTAT-1410	proteomics_stat	984276	984320	-	4	13	K.GWLPLDFAYQGFR.G	19
PSTAT-1411	proteomics_stat	984498	984530	-	4	5	K.SVFNAGLEVR.E	15
PSTAT-1412	proteomics_stat	984531	984566	-	4	8	R.VWVSNPSWPNHK.S	16
PSTAT-1413	proteomics_stat	984531	984569	-	4	5	K.RVWVSNPSWPNHK.S	17
PSTAT-1414	proteomics_stat	984609	984644	-	4	4	R.TAQTPGGTGALR.V	16
PSTAT-1415	proteomics_stat	984651	984677	-	4	9	K.GSALINDKR.A	13
PSTAT-1416	proteomics_stat	984654	984677	-	4	2	K.GSALINDK.R	12
PSTAT-1417	proteomics_stat	984678	984704	-	4	2	R.CTQELLFGK.G	13
PSTAT-1418	proteomics_stat	984705	984743	-	4	6	K.NYLGIDGIPEFGR.C	17
PSTAT-1419	proteomics_stat	984705	984782	-	4	4	K.KAEQYLLNETTKNYLGIDGIPEFGR.C	30
PSTAT-1420	proteomics_stat	984744	984779	-	4	2	K.AEQYLLNETTK.N	16
PSTAT-1421	proteomics_stat	984744	984782	-	4	21	K.KAEQYLLNETTK.N	17
PSTAT-1422	proteomics_stat	984783	984821	-	4	4	K.DETGKTPVLTSVK.K	17
PSTAT-1423	proteomics_stat	984783	984848	-	4	13	K.INLGIGVYKDETGKTPVLTSVK.K	26
PSTAT-1424	proteomics_stat	984807	984848	-	4	3	K.INLGIGVYKDETGK.T	18
PSTAT-1425	proteomics_stat	984870	984926	-	4	2	F.ENITAAPADPILGLADLFR.A	23
PSTAT-1426	proteomics_stat	984870	984929	-	4	4	M.FENITAAPADPILGLADLFR.A	24
PSTAT-1427	proteomics_stat	984870	984932	-	4	21	V.MFENITAAPADPILGLADLFR.A	25
PSTAT-1428	proteomics_stat	986853	986888	-	4	9	R.LIAYVTGVQNV.R.D	16
PSTAT-1429	proteomics_stat	986889	986933	-	4	25	R.YGTVPHSGFGLGFER.L	19
PSTAT-1430	proteomics_stat	986946	986990	-	4	7	R.MLEMGLNKEDYWWYR.D	19
PSTAT-1431	proteomics_stat	987021	987083	-	4	11	K.TVAAMDVLAPGIGIIGGSQR.E	25
PSTAT-1432	proteomics_stat	987156	987179	-	4	7	R.YLAEHF.K.A	12
PSTAT-1433	proteomics_stat	987180	987233	-	4	21	R.KFENPVYWGVDLSSEHER.Y	22
PSTAT-1434	proteomics_stat	987234	987302	-	4	10	R.FIADFAQVDYTDVILENCGR.K	27
PSTAT-1435	proteomics_stat	987507	987533	-	4	3	K.IYTFGPTFR.A	13
PSTAT-1436	proteomics_stat	987534	987596	-	4	5	K.ESFLTVSGQLNGETYACALSK.I	25
PSTAT-1437	proteomics_stat	987597	987641	-	4	15	R.NDQKGVDFDKDFGK.E	19
PSTAT-1438	proteomics_stat	987642	987674	-	4	6	R.VSTLDLENLPR.N	15
PSTAT-1439	proteomics_stat	987675	987758	-	4	14	R.FFNEQGFFWVSTPLITASDTEGAGEMFR.V	32
PSTAT-1440	proteomics_stat	987867	987920	-	4	8	K.VEVAGWVEDPDTPMAAK.R	22
PSTAT-1441	proteomics_stat	987921	987971	-	4	14	K.VVASPGGQQFEIQASK.V	21
PSTAT-1442	proteomics_stat	987972	988007	-	4	4	R.LTTGCSVIVTGK.V	16
PSTAT-1443	proteomics_stat	988008	988109	-	4	52	K.AGISFLAVYDGSCFDPVQAVINNSLPNYNEDVLR.L	38
PSTAT-1444	proteomics_stat	988140	988169	-	4	4	R.VAVDSEVTVR.G	14
PSTAT-1445	proteomics_stat	988170	988205	-	4	5	M.SVVPVADVQLQGR.V	16
PSTAT-1446	proteomics_stat	988170	988208	-	4	2	I.MSVVPVADVQLQGR.V	17
PSTAT-1447	proteomics_stat	988476	988508	-	4	4	K.LVECNPKPAK.L	15
PSTAT-1448	proteomics_stat	988866	988952	-	4	7	R.LSLTPMGTQAHEWFQAHQQISPDLANSQR.A	33
PSTAT-1449	proteomics_stat	989121	989168	-	4	2	R.SPQADVAQALDTLESK.L	20
PSTAT-1450	proteomics_stat	989121	989174	-	4	2	R.YRSPQADVAQALDTLESK.L	22
PSTAT-1451	proteomics_stat	989337	989384	-	4	4	R.LQDDEYQWLSALPFFK.A	20
PSTAT-1452	proteomics_stat	994300	994368	-	5	7	R.DNLEISPNLWAGVGLVRRGGAGTA.L	27
PSTAT-1453	proteomics_stat	1005789	1005827	-	4	2	R.VQLLEGEVTPKK.S	17

PSTAT-1454	proteomics_stat	1005870	1005920	-	4	4	R.GNNQQVLLLEQLENQGIR.I	21
PSTAT-1455	proteomics_stat	1006356	1006424	-	4	6	R.HNTVPLSFADGYPYLLANEASLR.D	27
PSTAT-1456	proteomics_stat	1006587	1006655	-	4	4	R.FTPSPVHDGLHLTAPDGSSAYVR.F	27
PSTAT-1457	proteomics_stat	1006677	1006721	-	4	3	R.IFMITEPDGTFITAR.Q	19
PSTAT-1458	proteomics_stat	1006722	1006775	-	4	3	R.GIGLTHALADVSGLAFDR.I	22
PSTAT-1459	proteomics_stat	1015208	1015234	-	6	4	R.LIYTASDLK.V	13
PSTAT-1460	proteomics_stat	1015355	1015378	-	6	2	R.ALGVGEVK.F	12
PSTAT-1461	proteomics_stat	1015538	1015567	-	6	4	K.MTETGGNFDK.G	14
PSTAT-1462	proteomics_stat	1015577	1015618	-	6	6	K.GPQLPAPNMLMMDR.V	18
PSTAT-1463	proteomics_stat	1015619	1015663	-	6	2	K.EDLLASGRGELFGAK.G	19
PSTAT-1464	proteomics_stat	1015640	1015678	-	6	9	R.ESYTKEDLLASGR.G	17
PSTAT-1465	proteomics_stat	1016920	1016985	-	5	2	R.FDWVAFDESRPLPVSVPSMPLK.L	26
PSTAT-1466	proteomics_stat	1017223	1017288	-	5	2	R.TLQSDAGQLVGGHYEVSGHSIR.L	26
PSTAT-1467	proteomics_stat	1017289	1017336	-	5	2	K.APEESEYLNLIANAAR.T	20
PSTAT-1468	proteomics_stat	1017445	1017495	-	5	2	R.DLVPDTSYQEIFAQPH.L	21
PSTAT-1469	proteomics_stat	1018239	1018271	-	4	30	K.GIKDVVTQPQA.-	15
PSTAT-1470	proteomics_stat	1018293	1018325	-	4	11	R.AALIDCLAPDR.R	15
PSTAT-1471	proteomics_stat	1018293	1018328	-	4	3	Q.RAALIDCLAPDR.R	16
PSTAT-1472	proteomics_stat	1018326	1018382	-	4	3	R.GMGESNPVTGNTCDNVKQR.A	23
PSTAT-1473	proteomics_stat	1018329	1018382	-	4	3	R.GMGESNPVTGNTCDNVKQ.R	22
PSTAT-1474	proteomics_stat	1018332	1018364	-	4	4	N.PVTGNTCDNVK.Q	15
PSTAT-1475	proteomics_stat	1018332	1018376	-	4	2	M.GESNPVTGNTCDNVK.Q	19
PSTAT-1476	proteomics_stat	1018332	1018379	-	4	2	G.MGESNPVTGNTCDNVK.Q	20
PSTAT-1477	proteomics_stat	1018332	1018382	-	4	116	R.GMGESNPVTGNTCDNVK.Q	21
PSTAT-1478	proteomics_stat	1018332	1018385	-	4	6	A.RMGESNPVTGNTCDNVK.Q	22
PSTAT-1479	proteomics_stat	1018383	1018406	-	4	5	I.PADKISAR.G	12
PSTAT-1480	proteomics_stat	1018383	1018412	-	4	5	K.GIPADKISAR.G	14
PSTAT-1481	proteomics_stat	1018413	1018439	-	4	2	Q.SVVDYLISK.G	13
PSTAT-1482	proteomics_stat	1018413	1018445	-	4	11	R.AQSVVDYLISK.G	15
PSTAT-1483	proteomics_stat	1018413	1018448	-	4	142	R.RAQSVVDYLISK.G	16
PSTAT-1484	proteomics_stat	1018449	1018481	-	4	2	G.SDAYNQGLSER.R	15
PSTAT-1485	proteomics_stat	1018449	1018484	-	4	4	I.GSDAYNQGLSER.R	16
PSTAT-1486	proteomics_stat	1018449	1018487	-	4	88	R.IGSDAYNQGLSER.R	17
PSTAT-1487	proteomics_stat	1018449	1018490	-	4	20	D.RIGSDAYNQGLSER.R	18
PSTAT-1488	proteomics_stat	1018488	1018523	-	4	94	K.DGSVVVLGYTDR.I	16
PSTAT-1489	proteomics_stat	1018524	1018592	-	4	3	A.TLKPEGQAALDQLYSQLSNLDPK.D	27
PSTAT-1490	proteomics_stat	1018524	1018595	-	4	187	K.ATLKPEGQAALDQLYSQLSNLDPK.D	28
PSTAT-1491	proteomics_stat	1018524	1018598	-	4	7	N.KATLKPEGQAALDQLYSQLSNLDPK.D	29
PSTAT-1492	proteomics_stat	1018530	1018595	-	4	23	K.ATLKPEGQAALDQLYSQLSNLD.P	26
PSTAT-1493	proteomics_stat	1018551	1018595	-	4	2	K.ATLKPEGQAALDQLY.S	19
PSTAT-1494	proteomics_stat	1018596	1018622	-	4	24	K.SDVLFNFNK.A	13
PSTAT-1495	proteomics_stat	1018638	1018706	-	4	12	R.FGQGEAAPVAPAPAPEVQTK.H	27
PSTAT-1496	proteomics_stat	1018707	1018799	-	4	5	R.LEYQWTTNIGDAHTIGTRPDNGMLSLGVSYSR.F	35
PSTAT-1497	proteomics_stat	1018800	1018874	-	4	15	K.NHDTGVSPVFAGGVEYAITPEIATR.L	29
PSTAT-1498	proteomics_stat	1018926	1018967	-	4	6	K.LGYPTDDLDIYTR.L	18
PSTAT-1499	proteomics_stat	1018995	1019021	-	4	4	K.GSVENGAYK.A	13

PSTAT-1500	proteomics_stat	1018995	1019033	-	4	3	R.MPYKGSVENGAYK.A	17
PSTAT-1501	proteomics_stat	1019118	1019177	-	4	2	K.LGWSQYHDTGFINNGPTHE.N	24
PSTAT-1502	proteomics_stat	1025993	1026076	-	6	4	R.ATGMNVNAMLGSPMGDQVQVVALISEGK.I	32
PSTAT-1503	proteomics_stat	1026077	1026142	-	6	7	R.HQPLLEQHVLVYATGTTGNLISR.A	26
PSTAT-1504	proteomics_stat	1028347	1028376	-	5	2	K.AEFVRDDVFK.L	14
PSTAT-1505	proteomics_stat	1028620	1028706	-	5	2	R.KKEGMELTQGPVTGELPPALLPIEEHGMK.L	33
PSTAT-1506	proteomics_stat	1028725	1028781	-	5	3	R.AALISALQTLYPECSIYDR.S	23
PSTAT-1507	proteomics_stat	1028782	1028835	-	5	7	R.FGNFLVLQLLSAGAERYR.A	22
PSTAT-1508	proteomics_stat	1028950	1029000	-	5	3	R.VWTFDPSEIDIAFFSR.R	21
PSTAT-1509	proteomics_stat	1029049	1029093	-	5	3	K.ASLGETIDIVDHQGK.W	19
PSTAT-1510	proteomics_stat	1031776	1031820	-	5	2	N.RAGSGSGTFFELNKR.S	19
PSTAT-1511	proteomics_stat	1057127	1057174	-	6	2	M.PHHIVIVEDEPVTQAR.L	20
PSTAT-1512	proteomics_stat	1062099	1062182	-	4	8	K.IVMPPKPDENTAALWQQLADAQSSFDPK.K	32
PSTAT-1513	proteomics_stat	1062183	1062215	-	4	3	K.KQTGDLYAVLK.I	15
PSTAT-1514	proteomics_stat	1062480	1062509	-	4	5	K.IPAGVGNGQR.I	14
PSTAT-1515	proteomics_stat	1062525	1062587	-	4	17	R.TISYNLPVYNAFGMIEQEIPK.T	25
PSTAT-1516	proteomics_stat	1062678	1062761	-	4	46	R.QFHHDGQSFNAEDFDDIFSSIFGQHAR.Q	32
PSTAT-1517	proteomics_stat	1062816	1062863	-	4	22	R.FKEVAEAWEVLSDEQR.R	20
PSTAT-1518	proteomics_stat	1062864	1062905	-	4	2	K.YHPDVSKEPDAAEAR.F	18
PSTAT-1519	proteomics_stat	1062864	1062908	-	4	7	R.KYHPDVSKEPDAAEAR.F	19
PSTAT-1520	proteomics_stat	1062942	1062986	-	4	7	K.DYYAIMGVKPTDDLK.T	19
PSTAT-1521	proteomics_stat	1066096	1066143	-	5	7	K.TDKDSLFWGEQTIERK.N	20
PSTAT-1522	proteomics_stat	1066099	1066143	-	5	7	K.TDKDSLFWGEQTIER.K	19
PSTAT-1523	proteomics_stat	1066156	1066191	-	5	5	K.IWEEGSDEVLVK.A	16
PSTAT-1524	proteomics_stat	1066204	1066260	-	5	51	R.NTSPEIAEAI FEVAGYDEK.M	23
PSTAT-1525	proteomics_stat	1066347	1066382	-	4	11	R.YQGEYVAGLAVK.L	16
PSTAT-1526	proteomics_stat	1066416	1066466	-	4	19	R.GGTPYGATTIAGGDGSR.Q	21
PSTAT-1527	proteomics_stat	1066467	1066532	-	4	2	H.HGMVIVPIGYAAQELFDVSQVR.G	26
PSTAT-1528	proteomics_stat	1066566	1066667	-	4	3	R.TFLDQTGGLWASGALYGKSLASVFSSTGTGGGQEQ.T	38
PSTAT-1529	proteomics_stat	1066614	1066658	-	4	2	L.DQTGGLWASGALYGK.L	19
PSTAT-1530	proteomics_stat	1066614	1066664	-	4	7	T.FLDQTGGLWASGALYGK.L	21
PSTAT-1531	proteomics_stat	1066614	1066667	-	4	33	R.TFLDQTGGLWASGALYGK.L	22
PSTAT-1532	proteomics_stat	1066668	1066694	-	4	5	R.FGNMSGQMR.T	13
PSTAT-1533	proteomics_stat	1066695	1066769	-	4	14	K.TQTAPVATPQELADYDAIIFGTPTTR.F	29
PSTAT-1534	proteomics_stat	1066782	1066820	-	4	57	K.RVPETMPPQLFEK.A	17
PSTAT-1535	proteomics_stat	1066821	1066847	-	4	9	K.VDGAEVVVK.R	13
PSTAT-1536	proteomics_stat	1066821	1066871	-	4	12	R.AVAEGASKVDGAEVVVK.R	21
PSTAT-1537	proteomics_stat	1076294	1076335	-	6	2	K.LAQEQQTGLPHPK.I	18
PSTAT-1538	proteomics_stat	1077761	1077805	-	6	2	R.RPETEAVSMLEQAR.L	19
PSTAT-1539	proteomics_stat	1079434	1079520	-	5	6	R.QQNPGNPRVKQNLRFQDKHTLGVLIYRTS.Q	33
PSTAT-1540	proteomics_stat	1087218	1087295	-	4	2	K.NIPQAKDKSILELQAQNWQKNGQHQA.I	30
PSTAT-1541	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-1542	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-1543	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-1544	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20
PSTAT-1545	proteomics_stat	1093972	1094019	-	5	2	S.ENLLEQDFYASGPNQK.W	20

PSTAT-1546	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1547	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1548	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1549	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1550	proteomics_stat	1094529	1094585	-	4	5	K.LAERIGVTAARELSLYES.Q	23
PSTAT-1551	proteomics_stat	1113033	1113059	-	4	4	R.AAADEWDER.-	13
PSTAT-1552	proteomics_stat	1113288	1113341	-	4	3	D.NPGIDAEDANVQQFNAQK.Y	22
PSTAT-1553	proteomics_stat	1113288	1113344	-	4	2	A.DNPGIDAEDANVQQFNAQK.Y	23
PSTAT-1554	proteomics_stat	1113288	1113359	-	4	28	R.EEFLADNPGIDAEDANVQQFNAQK.Y	28
PSTAT-1555	proteomics_stat	1113288	1113401	-	4	14	M.TMYATLEEIDAAREEFLADNPGIDAEDANVQQFNAQK.Y	42
PSTAT-1556	proteomics_stat	1113360	1113401	-	4	5	M.TMYATLEEIDAAR.E	18
PSTAT-1557	proteomics_stat	1115116	1115187	-	5	3	R.SSVFVPLFAVEQAATTTGTWMLAR.M	28
PSTAT-1558	proteomics_stat	1117283	1117360	-	6	2	K.KDGDELDTGDLTLNGVTKPVTLEAK.L	30
PSTAT-1559	proteomics_stat	1117358	1117396	-	6	3	K.YPQATFTSTSVKK.D	17
PSTAT-1560	proteomics_stat	1117361	1117396	-	6	2	K.YPQATFTSTSVK.K	16
PSTAT-1561	proteomics_stat	1117439	1117489	-	6	2	K.VNVTINTTSVDTNHAER.D	21
PSTAT-1562	proteomics_stat	1117439	1117507	-	6	4	K.NPAADKVNVTINTTSVDTNHAER.D	27
PSTAT-1563	proteomics_stat	1117541	1117582	-	6	6	R.IQHLGYSWLYGTFK.D	18
PSTAT-1564	proteomics_stat	1118736	1118786	-	4	3	K.FASVLGEIAADFAQDKK.S	21
PSTAT-1565	proteomics_stat	1118931	1118984	-	4	5	R.VPFAEVASDGSFAFPFLR.N	22
PSTAT-1566	proteomics_stat	1119033	1119113	-	4	3	K.NKFPFTGELPNGDQYYGFPAENDALK.I	31
PSTAT-1567	proteomics_stat	1119369	1119419	-	4	4	R.VPDNYIGLFETDSGFLR.S	21
PSTAT-1568	proteomics_stat	1119462	1119551	-	4	2	R.SGVINLGPADSTFLANVAHSAEQWQLNVEK.L	34
PSTAT-1569	proteomics_stat	1119552	1119581	-	4	4	R.HNEEDPIFVR.S	14
PSTAT-1570	proteomics_stat	1119582	1119611	-	4	2	R.AQTLWDELSR.H	14
PSTAT-1571	proteomics_stat	1119633	1119656	-	4	4	R.HAYGEGEK.Y	12
PSTAT-1572	proteomics_stat	1120802	1120879	-	6	12	R.EEQQVAESIALTDDTLVPFLAGETVR.W	30
PSTAT-1573	proteomics_stat	1121060	1121089	-	6	5	F.LGTDSAPHAR.H	14
PSTAT-1574	proteomics_stat	1121060	1121092	-	6	7	V.FLGTDSAPHAR.H	15
PSTAT-1575	proteomics_stat	1121060	1121095	-	6	10	R.VFLGTDSAPHAR.H	16
PSTAT-1576	proteomics_stat	1121165	1121206	-	6	2	R.NHMLVGGVRPHLYC.L	18
PSTAT-1577	proteomics_stat	1121168	1121206	-	6	6	R.NHMLVGGVRPHLYC	17
PSTAT-1578	proteomics_stat	1121207	1121248	-	6	16	R.LAATITPQHLMFNR.N	18
PSTAT-1579	proteomics_stat	1121264	1121284	-	6	8	K.DAADYVR.D	11
PSTAT-1580	proteomics_stat	1121285	1121308	-	6	5	V.VFEHITTK.D	12
PSTAT-1581	proteomics_stat	1121285	1121311	-	6	10	K.VVFEHITTK.D	13
PSTAT-1582	proteomics_stat	1121285	1121314	-	6	2	L.KVVFEHITTK.D	14
PSTAT-1583	proteomics_stat	1121333	1121362	-	6	5	R.FIESVMEPLR.Q	14
PSTAT-1584	proteomics_stat	1121372	1121434	-	6	31	K.IGMPLLVHGEVTHADIDIFDR.E	25
PSTAT-1585	proteomics_stat	1121444	1121521	-	6	7	K.LYPANATTNSSHGVTSIDAIMPVLER.M	30
PSTAT-1586	proteomics_stat	1121522	1121554	-	6	2	R.GFNEGVFTAAL.L	15
PSTAT-1587	proteomics_stat	1121555	1121644	-	6	9	R.ILDVAPAGHDFTPLMTCYLTDSLDPNELER.G	34
PSTAT-1588	proteomics_stat	1121651	1121713	-	6	9	R.AIVMPNLAPPVTTVEAAVAYR.Q	25
PSTAT-1589	proteomics_stat	1121714	1121749	-	6	4	K.TVVPYTSEIYGR.A	16
PSTAT-1590	proteomics_stat	1121768	1121797	-	6	13	R.RPDDWHLHLR.D	14
PSTAT-1591	proteomics_stat	1122029	1122064	-	6	3	R.NYFNQQPAYVLR.E	16

PSTAT-1592	proteomics_stat	1122065	1122115	-	6	3	K.MQTVMQTLLPYLNQALR.N	21
PSTAT-1593	proteomics_stat	1122116	1122154	-	6	3	K.EMEVVDATVQPEK.M	17
PSTAT-1594	proteomics_stat	1122669	1122698	-	4	2	R.VADYRDNMAK.Q	14
PSTAT-1595	proteomics_stat	1122738	1122791	-	4	2	N.AVNGELSEDDIQLFPLLR.N	22
PSTAT-1596	proteomics_stat	1122738	1122809	-	4	3	K.LIVKPNVAVNGELSEDDIQLFPLLR.N	28
PSTAT-1597	proteomics_stat	1122738	1122821	-	4	2	R.ALDKLIVKPNVAVNGELSEDDIQLFPLLR.N	32
PSTAT-1598	proteomics_stat	1122843	1122899	-	4	4	K.EASAGNFADLLAHS DGLIK.N	23
PSTAT-1599	proteomics_stat	1122921	1122956	-	4	3	K.SAFDEFSTPAAR.K	16
PSTAT-1600	proteomics_stat	1123005	1123034	-	4	7	K.RSPAIEEWLR.K	14
PSTAT-1601	proteomics_stat	1123035	1123106	-	4	3	R.YMPESMDIVHYVDKLDGKPLLTGK.R	28
PSTAT-1602	proteomics_stat	1123065	1123106	-	4	4	R.YMPESMDIVHYVDK.L	18
PSTAT-1603	proteomics_stat	1123155	1123211	-	4	7	K.NIPVELHVLLNDDAETPTR.M	23
PSTAT-1604	proteomics_stat	1123533	1123616	-	4	3	S.IIAEPARETLSASLADARARGSYMGFSL.L	32
PSTAT-1605	proteomics_stat	1140519	1140554	-	4	5	R.APAPEYVPEAPR.H	16
PSTAT-1606	proteomics_stat	1141011	1141055	-	4	8	R.YPIVRPQDVQVEEQR.E	19
PSTAT-1607	proteomics_stat	1141011	1141067	-	4	2	K.VWIRYPIVRPQDVQVEEQR.E	23
PSTAT-1608	proteomics_stat	1141068	1141133	-	4	3	R.YPTQSPMPLTVACASPELASGK.V	26
PSTAT-1609	proteomics_stat	1141068	1141148	-	4	4	R.YRDERYPTQSPMPLTVACASPELASGK.V	31
PSTAT-1610	proteomics_stat	1141194	1141268	-	4	2	A.QTAPEQQEENNADNRDNGGMPPRRSR.R	29
PSTAT-1611	proteomics_stat	1141224	1141289	-	4	5	K.VPLPVVAQTAPEQQEENNADNR.D	26
PSTAT-1612	proteomics_stat	1141305	1141400	-	4	3	R.YEQSVAEEAVVAPVVEETVAAEPIVQEAPAPR.T	36
PSTAT-1613	proteomics_stat	1141455	1141505	-	4	9	K.ALNVEEQSVQETEQEER.V	21
PSTAT-1614	proteomics_stat	1141563	1141589	-	4	2	R.TADEQQAPR.R	13
PSTAT-1615	proteomics_stat	1141800	1141853	-	4	6	K.ALFSGGEEKPTEQPAPK.A	22
PSTAT-1616	proteomics_stat	1141872	1141922	-	4	6	K.AAPATPAAPAQPGLLSR.F	21
PSTAT-1617	proteomics_stat	1141923	1142027	-	4	19	R.KRPEQPALATFAMPDVPPAPTAEPAAPVAVAPK.A	39
PSTAT-1618	proteomics_stat	1142028	1142078	-	4	5	K.LHEEAMALPSEEEFAER.K	21
PSTAT-1619	proteomics_stat	1142079	1142120	-	4	9	R.KGEETPTLSYMLPK.L	18
PSTAT-1620	proteomics_stat	1142127	1142180	-	4	3	R.CVIVPNDQMETPHYHVLR.V	22
PSTAT-1621	proteomics_stat	1142196	1142222	-	4	5	R.SAVNAIETR.Q	13
PSTAT-1622	proteomics_stat	1142223	1142315	-	4	7	R.LIEEEALKENTQEVHAIVPVPIASYLLNEK.R.S	35
PSTAT-1623	proteomics_stat	1142226	1142291	-	4	2	K.ENTQEVHAIVPVPIASYLLNEK.R	26
PSTAT-1624	proteomics_stat	1142226	1142315	-	4	3	R.LIEEEALKENTQEVHAIVPVPIASYLLNEK.R	34
PSTAT-1625	proteomics_stat	1142226	1142318	-	4	3	L.RLIEEEALKENTQEVHAIVPVPIASYLLNEK.R	35
PSTAT-1626	proteomics_stat	1142316	1142348	-	4	3	R.DNESLSLSILR.L	15
PSTAT-1627	proteomics_stat	1142424	1142447	-	4	2	R.FGLLEMSR.Q	12
PSTAT-1628	proteomics_stat	1142529	1142579	-	4	8	R.DLGGLIVIDFIDMTPVR.H	21
PSTAT-1629	proteomics_stat	1142667	1142738	-	4	6	R.LPSGGGIVIDSTEALTAIDINSAR.A	28
PSTAT-1630	proteomics_stat	1142748	1142819	-	4	26	K.LYTGEIPLFSHYQIESQIESAFQR.E	28
PSTAT-1631	proteomics_stat	1142826	1142867	-	4	3	R.QHIAALGRPDFSSK.I	18
PSTAT-1632	proteomics_stat	1142886	1142921	-	4	3	R.QDIGEILIDNPK.V	16
PSTAT-1633	proteomics_stat	1142886	1142933	-	4	4	R.DYLRQDIGEILIDNPK.V	20
PSTAT-1634	proteomics_stat	1142943	1142987	-	4	3	R.PAPFLIHQESNVIVR.A	19
PSTAT-1635	proteomics_stat	1142943	1143002	-	4	8	K.AAESRPAPFLIHQESNVIVR.A	24
PSTAT-1636	proteomics_stat	1143084	1143134	-	4	3	K.EALASLELPEGMGLIVR.T	21
PSTAT-1637	proteomics_stat	1143084	1143146	-	4	2	R.TELKEALASLELPEGMGLIVR.T	25

PSTAT-1638	proteomics_stat	1143084	1143164	-	4	2	R.IEGDDRTELKEALASLELPEGMGLIVR.T	31
PSTAT-1639	proteomics_stat	1143084	1143167	-	4	5	R.RIEGDDRTELKEALASLELPEGMGLIVR.T	32
PSTAT-1640	proteomics_stat	1143135	1143167	-	4	3	R.RIEGDDRTELK.E	15
PSTAT-1641	proteomics_stat	1143264	1143305	-	4	6	R.EGQEVIVQIDKEER.G	18
PSTAT-1642	proteomics_stat	1143366	1143398	-	4	3	R.HGFLPLKEIAR.E	15
PSTAT-1643	proteomics_stat	1143399	1143446	-	4	2	R.IEPSLEAAFVDYGAER.H	20
PSTAT-1644	proteomics_stat	1143477	1143521	-	4	3	R.LYDLDIESPGEQKK.A	19
PSTAT-1645	proteomics_stat	1143480	1143521	-	4	4	R.LYDLDIESPGEQK.K	18
PSTAT-1646	proteomics_stat	1143546	1143581	-	4	6	R.MLINATQQEELR.V	16
PSTAT-1647	proteomics_stat	1145264	1145317	-	6	2	R.DPNTLVGLPLIALCQMLR.R	22
PSTAT-1648	proteomics_stat	1145264	1145329	-	6	5	R.LEGRDPNTLVGLPLIALCQMLR.R	26
PSTAT-1649	proteomics_stat	1145363	1145395	-	6	3	K.EHPLHCAGSFK.S	15
PSTAT-1650	proteomics_stat	1145399	1145434	-	6	7	R.HLSEAEIDNYVR.K	16
PSTAT-1651	proteomics_stat	1145693	1145761	-	6	2	K.LQISFECAAPEVDETPRSDESPR.Q	27
PSTAT-1652	proteomics_stat	1165881	1165928	-	4	7	G.FVGQAFVTVAVQLLDR.V	20
PSTAT-1653	proteomics_stat	1167642	1167719	-	4	3	D.TPAGCFMINNCTTSPDSGDIANTLK.S	30
PSTAT-1654	proteomics_stat	1169870	1169911	-	6	7	K.NHVNPAWLIGLLQK.Q	18
PSTAT-1655	proteomics_stat	1170041	1170085	-	6	3	K.TENELEEIKVELIDR.F	19
PSTAT-1656	proteomics_stat	1170119	1170166	-	6	3	R.MPSLLPDDFIPDVNTR.L	20
PSTAT-1657	proteomics_stat	1170329	1170400	-	6	4	R.LEAIASLEDLGAGFALATHDLEIR.G	28
PSTAT-1658	proteomics_stat	1170716	1170763	-	6	3	R.GGQVYLYNDVENIQK.A	20
PSTAT-1659	proteomics_stat	1170989	1171030	-	6	3	K.FKDLGLLIVDEEHR.F	18
PSTAT-1660	proteomics_stat	1171463	1171507	-	6	2	K.VRDVAEELLDIYAQR.A	19
PSTAT-1661	proteomics_stat	1171556	1171594	-	6	10	R.YAGGAEEANAPLHK.L	17
PSTAT-1662	proteomics_stat	1172525	1172584	-	6	2	R.TLEEVEAINLLPAHEFPTDK.A	24
PSTAT-1663	proteomics_stat	1172645	1172692	-	6	2	R.GALLDLFPMGSELPYR.L	20
PSTAT-1664	proteomics_stat	1172693	1172734	-	6	3	R.HVDQVMEHGAYATR.G	18
PSTAT-1665	proteomics_stat	1172879	1172914	-	6	3	R.LSTLYQLPTMQR.G	16
PSTAT-1666	proteomics_stat	1173026	1173076	-	6	5	R.HAGPVVLIAPDMQNALR.L	21
PSTAT-1667	proteomics_stat	1181024	1181086	-	6	4	K.NGEWQNDVGAASSIYEEYYQK.L	25
PSTAT-1668	proteomics_stat	1181087	1181149	-	6	6	R.KLLSPEVANDKTLYPDAETIK.N	25
PSTAT-1669	proteomics_stat	1181117	1181149	-	6	7	R.KLLSPEVANDK.T	15
PSTAT-1670	proteomics_stat	1181150	1181197	-	6	3	K.QVAETIGYPTPNLAAR.K	20
PSTAT-1671	proteomics_stat	1181198	1181233	-	6	3	K.LINFLLRPDVAK.Q	16
PSTAT-1672	proteomics_stat	1181255	1181305	-	6	15	K.EGGIFWMDSLAIPANAK.N	21
PSTAT-1673	proteomics_stat	1181342	1181449	-	6	30	K.LMPNVAAFNSDNPANPYMEGEVNLGMIWNGSAFVAR.Q	40
PSTAT-1674	proteomics_stat	1181450	1181482	-	6	5	K.EIEAAYNELKK.L	15
PSTAT-1675	proteomics_stat	1181450	1181515	-	6	4	K.LGYSGNTTDPKEIEAAYNELKK.L	26
PSTAT-1676	proteomics_stat	1181483	1181515	-	6	3	K.LGYSGNTTDPK.E	15
PSTAT-1677	proteomics_stat	1181483	1181518	-	6	5	R.KLGYSGNTTDPK.E	16
PSTAT-1678	proteomics_stat	1181573	1181614	-	6	7	K.SVTSWADLWKPEYK.G	18
PSTAT-1679	proteomics_stat	1181615	1181743	-	6	2	K.LTNFSNLDPDMLNKPDPNNDYSIPYIWGATAIGVNGDAVDPK.S	47
PSTAT-1680	proteomics_stat	1181786	1181833	-	6	10	K.DGAYDLVVPSTYYVDK.M	20
PSTAT-1681	proteomics_stat	1181786	1181842	-	6	2	K.TYKDGYDLVVPSTYYVDK.M	23
PSTAT-1682	proteomics_stat	1181849	1181893	-	6	5	K.VIYSTYESNETMYAK.L	19
PSTAT-1683	proteomics_stat	1181909	1181983	-	6	8	A.DDNNTLYFYNWTEYVPPGLLEQFTK.E	29

PSTAT-1684	proteomics_stat	1183741	1183806	-	5	2	K.MVMVSEFFNEDDPDFDHSQDK.M	26
PSTAT-1685	proteomics_stat	1183864	1183917	-	5	2	R.VEEINDDNHA EGLIGYVR.E	22
PSTAT-1686	proteomics_stat	1184275	1184316	-	5	3	R.LLLLDESLSALDYK.L	18
PSTAT-1687	proteomics_stat	1184437	1184463	-	5	3	K.TPAAEITPR.V	13
PSTAT-1688	proteomics_stat	1184650	1184727	-	5	2	K.EVIPQLDLTINNGEFLTLGPGCGK.T	30
PSTAT-1689	proteomics_stat	1184746	1184790	-	5	2	K.QPSSLSPLVQLAGIR.K	19
PSTAT-1690	proteomics_stat	1184746	1184796	-	5	2	L.NKQPSSLSPLVQLAGIR.K	21
PSTAT-1691	proteomics_stat	1186492	1186524	-	5	5	R.IGDDVYANGEK.I	15
PSTAT-1692	proteomics_stat	1186669	1186710	-	5	2	R.EMMLELINQPEHFK.Q	18
PSTAT-1693	proteomics_stat	1186711	1186755	-	5	4	R.AHPADVLPQEMDKL.R.E	19
PSTAT-1694	proteomics_stat	1186717	1186755	-	5	3	R.AHPADVLPQEMDK.L	17
PSTAT-1695	proteomics_stat	1186756	1186800	-	5	7	R.ELGGNYSDPDVPPR.A	19
PSTAT-1696	proteomics_stat	1186801	1186839	-	5	2	R.ELISGFADYVLR.E	17
PSTAT-1697	proteomics_stat	1187308	1187385	-	5	6	R.GFNNFIDPISPDELAGLAMESEVDSR.L	30
PSTAT-1698	proteomics_stat	1187419	1187463	-	5	2	N.MEYQLTLNWPDFLER.H	19
PSTAT-1699	proteomics_stat	1188061	1188108	-	5	2	K.MSVSDAEPVMLEQISR.I	20
PSTAT-1700	proteomics_stat	1189002	1189028	-	4	2	R.GQGYLFELR.-	13
PSTAT-1701	proteomics_stat	1189029	1189070	-	4	6	K.IQAQYPQEVITVR.G	18
PSTAT-1702	proteomics_stat	1189029	1189073	-	4	6	K.KIQAQYPQEVITVR.G	19
PSTAT-1703	proteomics_stat	1189083	1189115	-	4	3	R.ESHTIDVLMGR.L	15
PSTAT-1704	proteomics_stat	1189116	1189157	-	4	3	K.DSLMLQLYPDAELR.E	18
PSTAT-1705	proteomics_stat	1189182	1189223	-	4	18	K.LTAFEYTIMETLIR.N	18
PSTAT-1706	proteomics_stat	1189257	1189316	-	4	5	R.NSGLASQVISLPPFQVDLSR.R	24
PSTAT-1707	proteomics_stat	1189257	1189319	-	4	4	R.RNSGLASQVISLPPFQVDLSR.R	25
PSTAT-1708	proteomics_stat	1189338	1189427	-	4	10	R.ESWQDKVEVLSAGADDYVTKPFHIEVMAR.M	34
PSTAT-1709	proteomics_stat	1189428	1189469	-	4	2	R.SNDVSLPILVLTAR.E	18
PSTAT-1710	proteomics_stat	1189479	1189568	-	4	2	K.EADYYLNEHIPDIAIVDLGLPDEGLSLIR.R	34
PSTAT-1711	proteomics_stat	1189905	1189949	-	4	3	K.QFIDGLALPEEEKAR.L	19
PSTAT-1712	proteomics_stat	1189911	1189949	-	4	2	K.QFIDGLALPEEEK.A	17
PSTAT-1713	proteomics_stat	1189950	1189973	-	4	8	K.RVDAEGMK.Q	12
PSTAT-1714	proteomics_stat	1189998	1190024	-	4	8	R.YGIEKPYEK.L	13
PSTAT-1715	proteomics_stat	1190028	1190096	-	4	12	R.DHLLDELHDHNWEVLAEPQIVMR.R	27
PSTAT-1716	proteomics_stat	1190028	1190111	-	4	5	K.LEVNRDHLLDELHDHNWEVLAEPQIVMR.R	32
PSTAT-1717	proteomics_stat	1190124	1190177	-	4	21	R.NLGVGIGYALIAQSTLK.G	22
PSTAT-1718	proteomics_stat	1190178	1190204	-	4	7	R.DLTDSTVLR.N	13
PSTAT-1719	proteomics_stat	1190229	1190315	-	4	2	M.PHKVNPIDFENSEGNLGLSNAVLQHLASK.L	33
PSTAT-1720	proteomics_stat	1190229	1190348	-	4	2	K.TIAGEIGSSTMPHKVNPIDFENSEGNLGLSNAVLQHLASK.L	44
PSTAT-1721	proteomics_stat	1190307	1190348	-	4	8	K.TIAGEIGSSTMPHK.V	18
PSTAT-1722	proteomics_stat	1190592	1190621	-	4	2	R.QLNQVEILGK.I	14
PSTAT-1723	proteomics_stat	1190640	1190663	-	4	2	K.EMANVAYR.M	12
PSTAT-1724	proteomics_stat	1190664	1190702	-	4	4	R.THGQPATPSTIGK.E	17
PSTAT-1725	proteomics_stat	1190724	1190765	-	4	4	R.QLIDGIKDLAVQYR.D	18
PSTAT-1726	proteomics_stat	1190766	1190798	-	4	2	T.ARDEVILPYWR.Q	15
PSTAT-1727	proteomics_stat	1190766	1190801	-	4	5	K.TARDEVILPYWR.Q	16
PSTAT-1728	proteomics_stat	1190802	1190900	-	4	9	K.VAEIPELHAVSEFIHFACTSEDINNLSHALMLK.T	37
PSTAT-1729	proteomics_stat	1190967	1191047	-	4	111	K.EVPFAADAIGYLDAIVASFSEEDAAR.I	31

PSTAT-1730	proteomics_stat	1191165	1191209	-	4	6	S.MELSSLTAVSPVDGR.Y	19
PSTAT-1731	proteomics_stat	1191357	1191410	-	4	2	R.IQVTGSPAVLQSPQVQAK.V	22
PSTAT-1732	proteomics_stat	1191621	1191665	-	4	2	R.VGLETLLGLVNASSR.Q	19
PSTAT-1733	proteomics_stat	1192031	1192063	-	6	2	R.YRQTDIPCTVK.A	15
PSTAT-1734	proteomics_stat	1192268	1192336	-	6	5	K.IITVDGDEIGEHLQGLMYHTLGQR.K	27
PSTAT-1735	proteomics_stat	1192424	1192459	-	6	5	R.KIAEDLGLVTAK.K	16
PSTAT-1736	proteomics_stat	1192460	1192567	-	6	6	R.GLDSNKDQSYFLYTLSHEQIAQSLFPVGELEKPVQR.K	40
PSTAT-1737	proteomics_stat	1193062	1193106	-	5	4	R.YPLEMIGDFNWPFTK.G	19
PSTAT-1738	proteomics_stat	1193155	1193196	-	5	2	R.WVSAEEILQASNL.R.S	18
PSTAT-1739	proteomics_stat	1193362	1193427	-	5	2	K.ALWNQPAGHLEADETLVEAAAR.E	26
PSTAT-1740	proteomics_stat	1201896	1201922	-	4	3	K.KPDVSITNK.Q	13
PSTAT-1741	proteomics_stat	1221870	1221983	-	4	3	K.VGAAVGAVTGVLGTNGLEGAIKGAVIGGTGGAILGKMK.-	42
PSTAT-1742	proteomics_stat	1223505	1223564	-	4	7	K.DGDISISILELNVTLPEAEELK.-	24
PSTAT-1743	proteomics_stat	1223565	1223612	-	4	3	K.YVQIDPEMVTVQLEQK.D	20
PSTAT-1744	proteomics_stat	1223613	1223636	-	4	2	K.DILEVICK.Y	12
PSTAT-1745	proteomics_stat	1223640	1223675	-	4	4	R.SDAEPHYLPQLR.K	16
PSTAT-1746	proteomics_stat	1223850	1223873	-	4	2	K.AYADTVR.L	12
PSTAT-1747	proteomics_stat	1223874	1223927	-	4	7	R.ASNQGEVILDINADAGK.A	22
PSTAT-1748	proteomics_stat	1223928	1223966	-	4	3	K.LVGVIPEDQSVLR.A	17
PSTAT-1749	proteomics_stat	1223973	1224014	-	4	18	R.GDMLSMEDVLEILR.I	18
PSTAT-1750	proteomics_stat	1224039	1224086	-	4	9	R.AENGEEPIKEHLLLTR.Y	20
PSTAT-1751	proteomics_stat	1224039	1224089	-	4	11	R.RAENGEEPIKEHLLLTR.Y	21
PSTAT-1752	proteomics_stat	1224288	1224308	-	4	2	R.DKDALTR.E	11
PSTAT-1753	proteomics_stat	1224309	1224347	-	4	4	R.TENLYILPASQTR.D	17
PSTAT-1754	proteomics_stat	1224309	1224350	-	4	5	K.RTENLYILPASQTR.D	18
PSTAT-1755	proteomics_stat	1224357	1224419	-	4	9	R.VVYDFVNVIQGDATLNQALIK.D	25
PSTAT-1756	proteomics_stat	1224357	1224422	-	4	4	R.RVVYDFVNVIQGDATLNQALIK.D	26
PSTAT-1757	proteomics_stat	1224423	1224452	-	4	2	R.NLDLIMGCER.R	14
PSTAT-1758	proteomics_stat	1224495	1224536	-	4	10	K.TTSSAAIATGLAQK.G	18
PSTAT-1759	proteomics_stat	1224932	1224982	-	6	4	R.PAPTPQAPAQNTPVTK.T	21
PSTAT-1760	proteomics_stat	1224932	1224991	-	6	9	K.APRPAPTPQAPAQNTPVTK.T	24
PSTAT-1761	proteomics_stat	1225106	1225171	-	6	6	K.HAPVVLNVSALEDPVNWSAMHK.A	26
PSTAT-1762	proteomics_stat	1225199	1225225	-	6	3	K.VIHQALEDK.I	13
PSTAT-1763	proteomics_stat	1226297	1226320	-	6	3	K.YNVDIQIK.-	12
PSTAT-1764	proteomics_stat	1226297	1226323	-	6	20	K.KYNVDIQIK.-	13
PSTAT-1765	proteomics_stat	1226366	1226431	-	6	16	R.YSPELD SHGQYSLPASGKYELR.V	26
PSTAT-1766	proteomics_stat	1226378	1226428	-	6	3	Y.SPELD SHGQYSLPASGK.Y	21
PSTAT-1767	proteomics_stat	1226378	1226431	-	6	15	R.YSPELD SHGQYSLPASGK.Y	22
PSTAT-1768	proteomics_stat	1226432	1226512	-	6	167	K.VHVSISNEGADTYLFGPGIDDSVDLSR.Y	31
PSTAT-1769	proteomics_stat	1226432	1226515	-	6	3	Q.KVHVSISNEGADTYLFGPGIDDSVDLSR.Y	32
PSTAT-1770	proteomics_stat	1226525	1226560	-	6	12	K.GYDYDTYTFYAK.K	16
PSTAT-1771	proteomics_stat	1226561	1226596	-	6	4	K.GHSSAQYSGEIK.G	16
PSTAT-1772	proteomics_stat	1226597	1226620	-	6	6	K.NVNVFRK.G	12
PSTAT-1773	proteomics_stat	1226600	1226620	-	6	3	K.NVNVFRK.K	11
PSTAT-1774	proteomics_stat	1233374	1233424	-	6	2	R.TEDTDLQDDSHIDKHYK.V	21
PSTAT-1775	proteomics_stat	1235115	1235180	-	4	2	R.LSSQYNLSNLEPNIQIWNVDLR.G	26

PSTAT-1776	proteomics_stat	1235196	1235270	-	4	10	R.FFTVLDDDRHNYLEISAIHNEEGYR.E	29
PSTAT-1777	proteomics_stat	1235289	1235333	-	4	5	R.DFKDEFISQFLSPK.V	19
PSTAT-1778	proteomics_stat	1235718	1235765	-	4	11	R.RYPSEPQENLLYFMEK.N	20
PSTAT-1779	proteomics_stat	1235811	1235855	-	4	3	K.SREEYLQSQVNMLWR.T	19
PSTAT-1780	proteomics_stat	1235907	1235951	-	4	3	R.LLDSCHALMNYGVDR.Y	19
PSTAT-1781	proteomics_stat	1235952	1235975	-	4	2	R.YGVDEVER.L	12
PSTAT-1782	proteomics_stat	1235976	1236002	-	4	2	R.KYITECEER.Y	13
PSTAT-1783	proteomics_stat	1236426	1236461	-	4	2	M.ATIDSMNKDTRR.L	16
PSTAT-1784	proteomics_stat	1241437	1241484	-	5	5	R.TVTLPLGAHAILNTR.E	20
PSTAT-1785	proteomics_stat	1241485	1241532	-	5	3	R.LSIPLITGLDFGHEQR.T	20
PSTAT-1786	proteomics_stat	1242181	1242228	-	5	4	R.LTDAGHQVNNVEVIAR.R	20
PSTAT-1787	proteomics_stat	1243247	1243324	-	6	2	R.LYDLSLGGMGALLETAKPAELQEGMR.F	30
PSTAT-1788	proteomics_stat	1243508	1243549	-	6	2	K.AQHITITAETQGAK.V	18
PSTAT-1789	proteomics_stat	1244950	1244994	-	5	3	K.EQPCDNVPATRPTVK.S	19
PSTAT-1790	proteomics_stat	1245019	1245108	-	5	3	K.YDVSTTGTGGGGGEYPLQDGFNGVTNLK.M	34
PSTAT-1791	proteomics_stat	1245190	1245273	-	5	4	K.SGQQWDAPNGWAPLQWVATEGLQNYGQK.E	32
PSTAT-1792	proteomics_stat	1245274	1245318	-	5	21	K.THLLQPGLNNTTSVK.S	19
PSTAT-1793	proteomics_stat	1245352	1245405	-	5	4	R.NQLTAAALFLYVNAAAK.D	22
PSTAT-1794	proteomics_stat	1245487	1245540	-	5	2	K.AAGDNAMANQYETLANAR.Q	22
PSTAT-1795	proteomics_stat	1245571	1245615	-	5	2	R.TTSIVPVDLNSLMFK.M	19
PSTAT-1796	proteomics_stat	1245616	1245651	-	5	3	R.WMDNPQQLNTR.T	16
PSTAT-1797	proteomics_stat	1245733	1245780	-	5	2	R.DTPRPESWVEDIATAK.S	20
PSTAT-1798	proteomics_stat	1246003	1246071	-	5	3	K.VADMVANFAHEIDTYGHIPNGNR.S	27
PSTAT-1799	proteomics_stat	1246144	1246194	-	5	2	K.WDSLLPLPEYVVPVGGGR.F	21
PSTAT-1800	proteomics_stat	1246144	1246215	-	5	2	R.STENTEKWDSLLPLPEYVVPVGGGR.F	28
PSTAT-1801	proteomics_stat	1246216	1246251	-	5	3	R.EHIDGLWPVLR.S	16
PSTAT-1802	proteomics_stat	1246294	1246326	-	5	2	R.HFVNVNFTLPK.E	15
PSTAT-1803	proteomics_stat	1246327	1246359	-	5	2	R.MQQNQSGFDLR.H	15
PSTAT-1804	proteomics_stat	1246360	1246416	-	5	4	K.TFADAVPNSDPLMILADYR.M	23
PSTAT-1805	proteomics_stat	1246435	1246509	-	5	3	A.EETPVPQPPDILLGLFNDVQNAK.L	29
PSTAT-1806	proteomics_stat	1246946	1246990	-	6	3	K.LYAIQPEETLTDVK.T	19
PSTAT-1807	proteomics_stat	1247030	1247083	-	6	2	K.GICLSAGSPVSHSALIAR.E	22
PSTAT-1808	proteomics_stat	1247084	1247176	-	6	5	K.EELPQFNSPTILLAENIYPSTVLQLDPAVVK.G	35
PSTAT-1809	proteomics_stat	1247084	1247203	-	6	2	R.TLVHLTQTKEELPQFNSPTILLAENIYPSTVLQLDPAVVK.G	44
PSTAT-1810	proteomics_stat	1247177	1247203	-	6	3	R.TLVHLTQTK.E	13
PSTAT-1811	proteomics_stat	1247234	1247284	-	6	3	K.ELSQQYQLDDEYLQAR.Y	21
PSTAT-1812	proteomics_stat	1247432	1247479	-	6	2	R.QAIDFTLLDLMTLAK.A	20
PSTAT-1813	proteomics_stat	1247561	1247641	-	6	2	R.QLAEDNFGETEVPPTLRPVPPVSGK.A	31
PSTAT-1814	proteomics_stat	1247708	1247755	-	6	3	K.CVTPESINQIALLQVR.Y	20
PSTAT-1815	proteomics_stat	1247870	1247941	-	6	6	R.EQLGLPSSDTEISDTCPAYDEEAR.S	28
PSTAT-1816	proteomics_stat	1248185	1248244	-	6	2	K.IAIAAGIDDPQNPIGTDPAVK.V	24
PSTAT-1817	proteomics_stat	1248621	1248647	-	4	8	R.DGADGVISR.G	13
PSTAT-1818	proteomics_stat	1248648	1248686	-	4	3	R.QSLTLEELYQMFR.D	17
PSTAT-1819	proteomics_stat	1248783	1248824	-	4	2	K.LPAIADKDIGFILK.N	18
PSTAT-1820	proteomics_stat	1248783	1248836	-	4	3	K.VVEKLPAIADKDIGFILK.N	22
PSTAT-1821	proteomics_stat	1249165	1249230	-	5	2	R.VIALVNNLGATPLSELYGVYNR.L	26

PSTAT-1822	proteomics_stat	1249312	1249386	-	5	15	R.RPFSSLDQTVDEMFDLLVNGSYHR.T	29
PSTAT-1823	proteomics_stat	1249684	1249749	-	5	2	K.NYTGDIILNFETATELLHDSGVK.V	26
PSTAT-1824	proteomics_stat	1249999	1250052	-	5	2	K.LINDVQDVLDLDEQLAGLAK.A	22
PSTAT-1825	proteomics_stat	1255980	1256006	-	4	3	R.AEGKDYIVK.D	13
PSTAT-1826	proteomics_stat	1256025	1256081	-	4	2	R.AQTISFEDFITYKGEQGAK.E	23
PSTAT-1827	proteomics_stat	1256094	1256114	-	4	5	K.IHTDFEK.G	11
PSTAT-1828	proteomics_stat	1256115	1256162	-	4	2	R.AWTIPVGATAPQAAGK.I	20
PSTAT-1829	proteomics_stat	1256232	1256351	-	4	2	K.EGSVVVPVCAAVEADIAELDDEERDEFMQELGLEEPLNR.V	44
PSTAT-1830	proteomics_stat	1256367	1256459	-	4	4	R.YLSFLTLPKPTMYIANVNEDGFENNPYLDQVR.E	35
PSTAT-1831	proteomics_stat	1256472	1256498	-	4	4	R.ALDLSAEEK.A	13
PSTAT-1832	proteomics_stat	1256499	1256534	-	4	3	K.CLPQLENAGMLR.A	16
PSTAT-1833	proteomics_stat	1256535	1256558	-	4	4	K.AELAVLEK.C	12
PSTAT-1834	proteomics_stat	1256610	1256681	-	4	5	K.VNPADDIEVINTELALADLTCER.A	28
PSTAT-1835	proteomics_stat	1256682	1256720	-	4	3	R.CFENDNIIHVSGK.V	17
PSTAT-1836	proteomics_stat	1256721	1256750	-	4	8	R.ETEAIHVVR.C	14
PSTAT-1837	proteomics_stat	1256751	1256789	-	4	2	K.GEGLGNQFLTNR.E	17
PSTAT-1838	proteomics_stat	1256751	1256801	-	4	9	K.GASKGEGLGNQFLTNR.E	21
PSTAT-1839	proteomics_stat	1256802	1256849	-	4	18	R.TLPPTMEFVDIAGLVK.G	20
PSTAT-1840	proteomics_stat	1256850	1256885	-	4	4	R.LDQLAEIVKQQR.T	16
PSTAT-1841	proteomics_stat	1256886	1256963	-	4	6	K.AGIEAANFPCTIEPNTGVVPMMPDR.L	30
PSTAT-1842	proteomics_stat	1257224	1257256	-	6	3	K.LIDEAIDEAAR.C	15
PSTAT-1843	proteomics_stat	1257257	1257301	-	6	5	K.VGVFVLGKPPVSEQK.L	19
PSTAT-1844	proteomics_stat	1257308	1257334	-	6	4	R.IGIGHPGDK.N	13
PSTAT-1845	proteomics_stat	1257635	1257676	-	6	8	R.HNAGAWFVDLLAER.L	18
PSTAT-1846	proteomics_stat	1260154	1260192	-	5	2	R.ISNEESISAMFEH.-	17
PSTAT-1847	proteomics_stat	1260154	1260195	-	5	5	R.RISNEESISAMFEH.-	18
PSTAT-1848	proteomics_stat	1260196	1260234	-	5	5	R.TLTLSGMLAEAIR.R	17
PSTAT-1849	proteomics_stat	1260253	1260312	-	5	5	R.NSVIDEVVCDTIPLSDEIK.S	24
PSTAT-1850	proteomics_stat	1260313	1260360	-	5	3	A.YATHPIFSGNAANNLR.N	20
PSTAT-1851	proteomics_stat	1260313	1260363	-	5	2	F.AYATHPIFSGNAANNLR.N	21
PSTAT-1852	proteomics_stat	1260313	1260366	-	5	3	V.FAYATHPIFSGNAANNLR.N	22
PSTAT-1853	proteomics_stat	1260313	1260369	-	5	24	R.VFAYATHPIFSGNAANNLR.N	23
PSTAT-1854	proteomics_stat	1260382	1260405	-	5	5	K.AAEALKER.G	12
PSTAT-1855	proteomics_stat	1260406	1260456	-	5	5	R.DCVLVDDMIDTGGTLCK.A	21
PSTAT-1856	proteomics_stat	1260457	1260504	-	5	16	R.ANVSQVMHIIGDVAGR.D	20
PSTAT-1857	proteomics_stat	1260514	1260549	-	5	3	L.LNDTDMAIIDKR.R	16
PSTAT-1858	proteomics_stat	1260514	1260552	-	5	6	K.LLNDTDMAIIDKR.R	17
PSTAT-1859	proteomics_stat	1260727	1260765	-	5	2	K.VVADFLSSVGVDR.V	17
PSTAT-1860	proteomics_stat	1260811	1260846	-	5	4	R.ITAVIPYFGYAR.Q	16
PSTAT-1861	proteomics_stat	1260952	1260996	-	5	4	R.FSDGEVSVQINENVR.G	19
PSTAT-1862	proteomics_stat	1260997	1261032	-	5	5	R.LYTSLGDAAVGR.F	16
PSTAT-1863	proteomics_stat	1261045	1261080	-	5	2	L.FAGNATPELAQR.I	16
PSTAT-1864	proteomics_stat	1261045	1261083	-	5	11	K.LFAGNATPELAQR.I	17
PSTAT-1865	proteomics_stat	1261261	1261287	-	5	2	K.GANLSPLHR.A	13
PSTAT-1866	proteomics_stat	1261525	1261596	-	5	5	K.WYLVAHPGVSIPTPVIFKDPPELPR.N	28
PSTAT-1867	proteomics_stat	1261597	1261659	-	5	2	R.GHAFAEGVGEILTPVDPPEK.W	25

PSTAT-1868	proteomics_stat	1261810	1261851	-	5	6	R.LPTGSGANISIDKR.L	18
PSTAT-1869	proteomics_stat	1261810	1261872	-	5	4	K.TAADSGRLPTGSGANISIDKR.L	25
PSTAT-1870	proteomics_stat	1261813	1261872	-	5	2	K.TAADSGRLPTGSGANISIDK.R	24
PSTAT-1871	proteomics_stat	1262136	1262186	-	4	2	K.TQPAMPANMELTDGGQR.I	21
PSTAT-1872	proteomics_stat	1262352	1262387	-	4	3	R.YTADDAEEMIGK.L	16
PSTAT-1873	proteomics_stat	1262397	1262477	-	4	6	R.LLLTNPLGSTELELNAQPGNVQLVDNK.G	31
PSTAT-1874	proteomics_stat	1262559	1262582	-	4	2	R.NLNQYQTR.G	12
PSTAT-1875	proteomics_stat	1272595	1272669	-	5	29	R.GQKPGEGYNIQQMLEILTAQNVPVK.L	29
PSTAT-1876	proteomics_stat	1272595	1272708	-	5	2	R.LFLMSDAVTAGLRGQKPGEGYNIQQMLEILTAQNVPVK.L	42
PSTAT-1877	proteomics_stat	1272754	1272813	-	5	6	K.IVIVANGAPYGSSESLFNSLR.L	24
PSTAT-1878	proteomics_stat	1274489	1274518	-	6	3	R.RLDITESTVK.V	14
PSTAT-1879	proteomics_stat	1274531	1274557	-	6	3	K.LIAQGLPNK.M	13
PSTAT-1880	proteomics_stat	1274576	1274599	-	6	4	R.DVNQLTPR.E	12
PSTAT-1881	proteomics_stat	1274576	1274614	-	6	2	R.ATTERDVNQLTPR.E	17
PSTAT-1882	proteomics_stat	1274624	1274698	-	6	20	K.ALHQAAAGEMVLSEALTPVLAASLR.A	29
PSTAT-1883	proteomics_stat	1274750	1274806	-	6	2	R.IVVFSVSNHEEDVVTALKR.G	23
PSTAT-1884	proteomics_stat	1275330	1275374	-	4	2	R.LVPSHQAIHLLQIAR.E	19
PSTAT-1885	proteomics_stat	1276143	1276223	-	4	3	R.NEMAMLGTALNNMSAELAESYAVLEQR.V	31
PSTAT-1886	proteomics_stat	1276413	1276481	-	4	3	R.ETVSADVSQFVAGLDQLVSGFDR.T	27
PSTAT-1887	proteomics_stat	1287248	1287295	-	6	15	K.IINIHHSFLPAFIGAR.P	20
PSTAT-1888	proteomics_stat	1287344	1287394	-	6	5	K.MADAIDAYQPDYVVLAK.Y	21
PSTAT-1889	proteomics_stat	1287413	1287457	-	6	4	R.FDIPFELVSHGLTR.N	19
PSTAT-1890	proteomics_stat	1287536	1287568	-	6	5	K.EAHCLGDLLMK.A	15
PSTAT-1891	proteomics_stat	1287617	1287694	-	6	12	R.TELEGIFNDSTLLADLDSALPEGSVR.E	30
PSTAT-1892	proteomics_stat	1287716	1287760	-	6	26	K.HELNIVQNNEFVDHR.T	19
PSTAT-1893	proteomics_stat	1291735	1291761	-	5	3	K.SLDDFLIKQ.-	13
PSTAT-1894	proteomics_stat	1291738	1291761	-	5	2	K.SLDDFLIK.Q	12
PSTAT-1895	proteomics_stat	1291825	1291851	-	5	2	S.YVDENGETK.T	13
PSTAT-1896	proteomics_stat	1291825	1291854	-	5	3	Y.SYVDENGETK.T	14
PSTAT-1897	proteomics_stat	1291825	1291857	-	5	28	K.YSYVDENGETK.T	15
PSTAT-1898	proteomics_stat	1291825	1291860	-	5	6	A.KYSYVDENGETK.T	16
PSTAT-1899	proteomics_stat	1291897	1291932	-	5	3	D.PNELLNSLAAVK.S	16
PSTAT-1900	proteomics_stat	1291897	1291959	-	5	6	R.EMLIADGIDPNELLNSLAAVK.S	25
PSTAT-1901	proteomics_stat	1291897	1291977	-	5	2	R.KLQQYREMLIADGIDPNELLNSLAAVK.S	31
PSTAT-1902	proteomics_stat	1291984	1292022	-	5	9	R.EEESAAAAEVEER.T	17
PSTAT-1903	proteomics_stat	1291984	1292025	-	5	94	R.REEESAAAAEVEER.T	18
PSTAT-1904	proteomics_stat	1292026	1292049	-	5	11	K.LEVVVNER.R	12
PSTAT-1905	proteomics_stat	1292026	1292088	-	5	27	R.ECTLETLEEMLEKLEVVVNER.R	25
PSTAT-1906	proteomics_stat	1292050	1292088	-	5	16	R.ECTLETLEEMLEK.L	17
PSTAT-1907	proteomics_stat	1294717	1294749	-	5	5	R.DYVEGETAAKK.E	15
PSTAT-1908	proteomics_stat	1294717	1294779	-	5	2	K.QILLDTYYGRDYVEGETAAKK.E	25
PSTAT-1909	proteomics_stat	1294720	1294749	-	5	10	R.DYVEGETAAK.K	14
PSTAT-1910	proteomics_stat	1294750	1294779	-	5	2	K.QILLDTYYGR.D	14
PSTAT-1911	proteomics_stat	1294804	1294851	-	5	6	K.LSEDAFDDQCTGANPR.Y	20
PSTAT-1912	proteomics_stat	1294804	1294863	-	5	2	A.NVDKLSDAFDDQCTGANPR.Y	24
PSTAT-1913	proteomics_stat	1294804	1294896	-	5	5	R.EAGVQEADFLANVDKLSDAFDDQCTGANPR.Y	35

PSTAT-1914	proteomics_stat	1294852	1294896	-	5	2	R.EAGVQEADFLANVDK.L	19
PSTAT-1915	proteomics_stat	1294927	1294953	-	5	2	K.LLAWLETLK.A	13
PSTAT-1916	proteomics_stat	1294975	1295019	-	5	4	Y.AEIADHLGLSAPGDR.T	19
PSTAT-1917	proteomics_stat	1294975	1295022	-	5	19	R.YAEIADHLGLSAPGDR.T	20
PSTAT-1918	proteomics_stat	1294975	1295025	-	5	4	R.RYAEIADHLGLSAPGDR.T	21
PSTAT-1919	proteomics_stat	1295068	1295094	-	5	12	R.YNANDNPTK.Q	13
PSTAT-1920	proteomics_stat	1295245	1295295	-	5	10	K.EYLPASYHEGSKNPVAR.E	21
PSTAT-1921	proteomics_stat	1295245	1295304	-	5	5	K.LLKEYLPASYHEGSKNPVAR.E	24
PSTAT-1922	proteomics_stat	1295260	1295295	-	5	12	K.EYLPASYHEGSK.N	16
PSTAT-1923	proteomics_stat	1295260	1295304	-	5	5	K.LLKEYLPASYHEGSK.N	19
PSTAT-1924	proteomics_stat	1295305	1295412	-	5	12	K.SLCAFGGLDAVTHAMEAYVSVLASEFSDDGQALQALK.L	40
PSTAT-1925	proteomics_stat	1295413	1295487	-	5	9	K.YPLADYALTPDMAIVDANLVMDMPK.S	29
PSTAT-1926	proteomics_stat	1295413	1295520	-	5	3	F.AVVTDATGQKYPLADYALTPDMAIVDANLVMDMPK.S	40
PSTAT-1927	proteomics_stat	1295488	1295520	-	5	2	F.AVVTDATGQK.Y	15
PSTAT-1928	proteomics_stat	1295488	1295571	-	5	10	K.MIAVTTTSGTGSEVTPFAVVTDATGQK.Y	32
PSTAT-1929	proteomics_stat	1295488	1295607	-	5	3	R.IYKFPKMGVKAKMIAVTTTSGTGSEVTPFAVVTDATGQK.Y	44
PSTAT-1930	proteomics_stat	1295629	1295685	-	5	25	K.IMWVMYEHPEHFEEALR.F	23
PSTAT-1931	proteomics_stat	1295686	1295763	-	5	10	K.GAELANSFKPDVIIALGGGSPMDAAK.I	30
PSTAT-1932	proteomics_stat	1295686	1295766	-	5	26	R.KGAELANSFKPDVIIALGGGSPMDAAK.I	31
PSTAT-1933	proteomics_stat	1295767	1295832	-	5	245	K.AAGVETEVEFFEVEADPTLSIVR.K	26
PSTAT-1934	proteomics_stat	1295833	1295880	-	5	13	R.FLFNNGYADQITSVLK.A	20
PSTAT-1935	proteomics_stat	1295833	1295883	-	5	2	D.RFLFNNGYADQITSVLK.A	21
PSTAT-1936	proteomics_stat	1295902	1295952	-	5	25	R.GSLPIALDEVITDGHKR.A	21
PSTAT-1937	proteomics_stat	1295902	1295955	-	5	20	R.RGSLPIALDEVITDGHKR.A	22
PSTAT-1938	proteomics_stat	1295905	1295952	-	5	3	R.GSLPIALDEVITDGHK.R	20
PSTAT-1939	proteomics_stat	1295905	1295955	-	5	11	R.RGSLPIALDEVITDGHK.R	21
PSTAT-1940	proteomics_stat	1295980	1296003	-	5	3	R.AENMLWHK.L	12
PSTAT-1941	proteomics_stat	1296037	1296108	-	5	7	K.LAPSLTLGCGSWGGSISENVGPK.H	28
PSTAT-1942	proteomics_stat	1296109	1296162	-	5	3	I.LINTPASQGGIGDLYNFK.L	22
PSTAT-1943	proteomics_stat	1296109	1296165	-	5	14	R.ILINTPASQGGIGDLYNFK.L	23
PSTAT-1944	proteomics_stat	1296109	1296168	-	5	2	A.RILINTPASQGGIGDLYNFK.L	24
PSTAT-1945	proteomics_stat	1296202	1296267	-	5	2	L.VAMGGIGHTSCLYTDQDNQPAR.V	26
PSTAT-1946	proteomics_stat	1296202	1296270	-	5	17	K.LVAMGGIGHTSCLYTDQDNQPAR.V	27
PSTAT-1947	proteomics_stat	1296271	1296309	-	5	9	R.AKDFEDAVEKAEK.L	17
PSTAT-1948	proteomics_stat	1296280	1296303	-	5	2	K.DFEDAVEK.A	12
PSTAT-1949	proteomics_stat	1296280	1296309	-	5	12	R.AKDFEDAVEK.A	14
PSTAT-1950	proteomics_stat	1296310	1296336	-	5	5	K.LSPTLAMYP.A	13
PSTAT-1951	proteomics_stat	1296337	1296393	-	5	38	K.ILIGEVTVVDESEPFHEK.L	23
PSTAT-1952	proteomics_stat	1296394	1296435	-	5	6	K.IAELAGFSVPENTK.I	18
PSTAT-1953	proteomics_stat	1296436	1296480	-	5	22	K.NGALNAAIVGQPAYK.I	19
PSTAT-1954	proteomics_stat	1296481	1296504	-	5	5	K.AVQDVILK.N	12
PSTAT-1955	proteomics_stat	1296514	1296549	-	5	44	R.FATHGGYLLQK.E	16
PSTAT-1956	proteomics_stat	1296556	1296630	-	5	8	K.TFDNGVICASEQSVVVVDSVYDAVR.E	29
PSTAT-1957	proteomics_stat	1296631	1296657	-	5	4	R.AVASVLMK.T	13
PSTAT-1958	proteomics_stat	1296658	1296723	-	5	4	K.PAIGVGAGNTPVVIDETADIKR.A	26
PSTAT-1959	proteomics_stat	1296658	1296744	-	5	31	K.AAYSSGKPAIGVGAGNTPVVIDETADIKR.A	33

PSTAT-1960	proteomics_stat	1296661	1296744	-	5	4	K.AAYSSGKPAIGVGAGNTPVVIDETADIK.R	32
PSTAT-1961	proteomics_stat	1296745	1296852	-	5	5	K.DLIGWIDQPSVELSNALMHPDINLILATGGPGMVK.A	40
PSTAT-1962	proteomics_stat	1296853	1296900	-	5	6	K.AADIVLQAAIAAGAPK.D	20
PSTAT-1963	proteomics_stat	1296922	1296951	-	5	12	R.NAIIFSPHPR.A	14
PSTAT-1964	proteomics_stat	1296976	1297092	-	5	2	K.TCGVLEDDTFTGTTITIAEPIGIIICGIVPTTNPSTAIKF.S	43
PSTAT-1965	proteomics_stat	1297093	1297140	-	5	10	K.NHFASEYIYNAYKDEK.T	20
PSTAT-1966	proteomics_stat	1297102	1297140	-	5	17	K.NHFASEYIYNAYK.D	17
PSTAT-1967	proteomics_stat	1297150	1297188	-	5	2	M.AVAESGMGIVEDK.V	17
PSTAT-1968	proteomics_stat	1297150	1297191	-	5	8	K.MAVAESGMGIVEDK.V	18
PSTAT-1969	proteomics_stat	1297207	1297236	-	5	12	R.AAALAAADAR.I	14
PSTAT-1970	proteomics_stat	1297237	1297281	-	5	2	R.EYASFTQEQQVDKIFR.A	19
PSTAT-1971	proteomics_stat	1297246	1297281	-	5	10	R.EYASFTQEQQVDK.I	16
PSTAT-1972	proteomics_stat	1297300	1297341	-	5	9	M.AVTNVAELNALVER.V	18
PSTAT-1973	proteomics_stat	1305590	1305667	-	6	2	R.EYLIMTTPYFVPSDDLHAICTAAQR.G	30
PSTAT-1974	proteomics_stat	1306262	1306318	-	6	3	K.GNQLQLMTESDDVMQALIR.D	23
PSTAT-1975	proteomics_stat	1306355	1306402	-	6	7	K.HIFAEENSSVAAPLFK.L	20
PSTAT-1976	proteomics_stat	1307379	1307435	-	4	2	R.LGDNADVIPGDSNDSSVLK.K	23
PSTAT-1977	proteomics_stat	1308782	1308808	-	6	10	R.LQLLHDEGR.L	13
PSTAT-1978	proteomics_stat	1309890	1309922	-	4	2	K.YVAVDPEGKPR.A	15
PSTAT-1979	proteomics_stat	1310226	1310267	-	4	10	M.STTHNVPQGDVLR.T	18
PSTAT-1980	proteomics_stat	1312787	1312834	-	6	2	K.QMADWLIQNIPQTTEK.F	20
PSTAT-1981	proteomics_stat	1312835	1312891	-	6	3	K.NAGDTASIPTIEAILNEEK.Q	23
PSTAT-1982	proteomics_stat	1312964	1313020	-	6	3	K.MAALGQSIGGIFPSDEIVK.G	23
PSTAT-1983	proteomics_stat	1313099	1313125	-	6	3	R.IEQHLSETK.N	13
PSTAT-1984	proteomics_stat	1313348	1313392	-	6	3	K.LLKETLEEEKATDIK.L	19
PSTAT-1985	proteomics_stat	1313588	1313623	-	6	2	R.IDQVVESESNLK.I	16
PSTAT-1986	proteomics_stat	1313729	1313782	-	6	20	K.TIEDVFIHLLSDTYSAEK.Q	22
PSTAT-1987	proteomics_stat	1314009	1314044	-	4	3	R.GGSGNFAEDREK.A	16
PSTAT-1988	proteomics_stat	1314458	1314478	-	6	2	K.VFVQPMK.A	11
PSTAT-1989	proteomics_stat	1314497	1314529	-	6	11	K.IIEQHINEPEK.M	15
PSTAT-1990	proteomics_stat	1314584	1314643	-	6	2	K.EYNAAPPLQGFGISAPDQVK.A	24
PSTAT-1991	proteomics_stat	1314584	1314649	-	6	11	K.LKEYNAAPPLQGFGISAPDQVK.A	26
PSTAT-1992	proteomics_stat	1314650	1314682	-	6	6	R.AALPLNHLVAK.L	15
PSTAT-1993	proteomics_stat	1314755	1314811	-	6	12	R.HNVAPIFICPPNADDDLLR.Q	23
PSTAT-1994	proteomics_stat	1314827	1314886	-	6	10	K.VGVDSVLVADVPVEESAPFR.Q	24
PSTAT-1995	proteomics_stat	1314887	1314919	-	6	3	K.GIDEFYAQCEK.V	15
PSTAT-1996	proteomics_stat	1314980	1315036	-	6	31	R.AFAAGVTPAQCFEMLALIR.Q	23
PSTAT-1997	proteomics_stat	1315037	1315078	-	6	5	D.PLADGPTIQNATLR.A	18
PSTAT-1998	proteomics_stat	1315037	1315090	-	6	86	I.PFSDPLADGPTIQNATLR.A	22
PSTAT-1999	proteomics_stat	1315037	1315141	-	6	90	K.IIDTLIEAGADALELGIPIFSDPLADGPTIQNATLR.A	39
PSTAT-2000	proteomics_stat	1315142	1315165	-	6	3	D.PGIEQSLK.I	12
PSTAT-2001	proteomics_stat	1315142	1315201	-	6	4	K.EGAFVFPVTLGDPGIEQSLK.I	24
PSTAT-2002	proteomics_stat	1315142	1315204	-	6	5	R.KEGAFVFPVTLGDPGIEQSLK.I	25
PSTAT-2003	proteomics_stat	1315211	1315237	-	6	3	R.YESLFAQLK.E	13
PSTAT-2004	proteomics_stat	1315264	1315302	-	5	13	R.GDKDIFTVHDILK.A	17
PSTAT-2005	proteomics_stat	1315303	1315350	-	5	13	R.ENPDKEQLLVNLSGR.G	20

PSTAT-2006	proteomics_stat	1315360	1315428	-	5	3	K.TLCLHEGIIPALESSHALAH.M	27
PSTAT-2007	proteomics_stat	1315369	1315428	-	5	9	K.TLCLHEGIIPALESSHALAH.A	24
PSTAT-2008	proteomics_stat	1315429	1315476	-	5	7	R.ADYVSITDDEALEAFK.T	20
PSTAT-2009	proteomics_stat	1315591	1315614	-	5	3	R.VGIYFGMK.A	12
PSTAT-2010	proteomics_stat	1315834	1315938	-	5	2	K.DACNEALRDWGSYETAHYMLGTAAGPHYPTIVR.E	39
PSTAT-2011	proteomics_stat	1315915	1315938	-	5	5	K.DACNEALR.D	12
PSTAT-2012	proteomics_stat	1315939	1315989	-	5	11	R.LMGAEVIPVHSGSATLK.D	21
PSTAT-2013	proteomics_stat	1316053	1316130	-	5	61	K.TEIIAETGAGQHGVASALASALLGLK.C	30
PSTAT-2014	proteomics_stat	1316053	1316139	-	5	3	R.MGKTEIIAETGAGQHGVASALASALLGLK.C	33
PSTAT-2015	proteomics_stat	1316179	1316208	-	5	11	R.EDLLHGGAHK.T	14
PSTAT-2016	proteomics_stat	1316179	1316211	-	5	4	K.REDLLHGGAHK.T	15
PSTAT-2017	proteomics_stat	1316209	1316256	-	5	3	K.CQNITAGTNTTLYLKR.E	20
PSTAT-2018	proteomics_stat	1316212	1316256	-	5	7	K.CQNITAGTNTTLYLKR.R	19
PSTAT-2019	proteomics_stat	1316257	1316289	-	5	4	K.NYAGRPTALTK.C	15
PSTAT-2020	proteomics_stat	1316290	1316328	-	5	2	K.DPEFQAQFNDLLK.N	17
PSTAT-2021	proteomics_stat	1316290	1316361	-	5	9	R.QLEEFVSAQKDPFQAQFNDLLK.N	28
PSTAT-2022	proteomics_stat	1316362	1316436	-	5	10	M.TTLLNPYFGEFGGMYVPQILMPALR.Q	29
PSTAT-2023	proteomics_stat	1316646	1316681	-	4	2	Y.VLDNGQGGSGQR.F	16
PSTAT-2024	proteomics_stat	1316646	1316705	-	4	5	R.EFQHVDKYVLDNGQGGSGQR.F	24
PSTAT-2025	proteomics_stat	1316706	1316738	-	4	2	K.ALSVGETLPAR.E	15
PSTAT-2026	proteomics_stat	1316739	1316771	-	4	3	R.EALPAHVAIWK.A	15
PSTAT-2027	proteomics_stat	1316772	1316837	-	4	14	K.VLSLAAVQLHGNEEQLYIDTLR.E	26
PSTAT-2028	proteomics_stat	1316838	1316873	-	4	5	R.NHDIADVVDKAK.V	16
PSTAT-2029	proteomics_stat	1316844	1316873	-	4	5	R.NHDIADVVDK.A	14
PSTAT-2030	proteomics_stat	1316874	1316942	-	4	4	R.CVNVEQAQEVMAAAPLQYVGVFR.N	27
PSTAT-2031	proteomics_stat	1317060	1317137	-	4	9	R.ELSHFANGFLIGSALMAHDDLHAAVR.R	30
PSTAT-2032	proteomics_stat	1317138	1317197	-	4	9	K.LGHNVTVISESGINTYAQVR.E	24
PSTAT-2033	proteomics_stat	1317219	1317242	-	4	2	R.DLSIDLNR.T	12
PSTAT-2034	proteomics_stat	1317537	1317575	-	4	2	K.HYASAISVLTDEK.Y	17
PSTAT-2035	proteomics_stat	1317669	1317698	-	4	2	R.HFYDALQGAR.T	14
PSTAT-2036	proteomics_stat	1317699	1317752	-	4	11	R.KQQQPLASFQNEVQPSTR.H	22
PSTAT-2037	proteomics_stat	1317861	1317917	-	4	21	R.LHGHEDLQANAQTVLEVLR.S	23
PSTAT-2038	proteomics_stat	1317918	1317971	-	4	2	K.GDAAHEAAVAANVAMLMR.L	22
PSTAT-2039	proteomics_stat	1318086	1318172	-	4	6	R.AAVVHSGGMDEVSLHAPTIVAELHDGEIK.S	33
PSTAT-2040	proteomics_stat	1318191	1318298	-	4	5	R.TLFNVLGPLINPAHPPLALIGVYSPELVLPPIAETLR.V	40
PSTAT-2041	proteomics_stat	1318353	1318397	-	4	5	R.QALDELGVCFLPAK.Y	19
PSTAT-2042	proteomics_stat	1318404	1318463	-	4	12	K.SGSSDLLAAFINGINLDMNADK.S	24
PSTAT-2043	proteomics_stat	1318680	1318727	-	4	5	R.GELKPEQLAAALVSMK.I	20
PSTAT-2044	proteomics_stat	1318728	1318790	-	4	10	K.LYQAQTLSQLQESHQLFSAVVR.G	25
PSTAT-2045	proteomics_stat	1318791	1318829	-	4	2	K.LEPANTLQPILEK.L	17
PSTAT-2046	proteomics_stat	1318830	1318865	-	4	2	R.LLEQTLAWAQQK.L	16
PSTAT-2047	proteomics_stat	1318866	1318919	-	4	8	R.VCGFQFHPELITTTQGAR.L	22
PSTAT-2048	proteomics_stat	1319016	1319084	-	4	9	K.ASSIEHDGQAMFAGLTNPLPVAR.Y	27
PSTAT-2049	proteomics_stat	1319190	1319279	-	4	7	R.LATMSNPVLMSPGVPSEAGCPELLTR.L	34
PSTAT-2050	proteomics_stat	1319280	1319312	-	4	3	R.NHIPAQTIER.L	15
PSTAT-2051	proteomics_stat	1319343	1319405	-	4	26	M.ADILLLDNIDSFTYNLADQLR.S	25

PSTAT-2052	proteomics_stat	1319411	1319446	-	6	13	R.AIATAHHAQETF-	16
PSTAT-2053	proteomics_stat	1319471	1319563	-	6	3	R.SALVENGIATVQAGAVVLDSPQSEADETR.N	35
PSTAT-2054	proteomics_stat	1319678	1319716	-	6	2	R.ACMNMGTLGAPK.V	17
PSTAT-2055	proteomics_stat	1319717	1319746	-	6	8	R.HDLDALHAYR.A	14
PSTAT-2056	proteomics_stat	1319765	1319794	-	6	2	R.YSYVMHLVSR.V	14
PSTAT-2057	proteomics_stat	1319804	1319824	-	6	2	R.YVADLTK.V	11
PSTAT-2058	proteomics_stat	1319861	1319899	-	6	3	K.ELSEHMLVDLAR.N	17
PSTAT-2059	proteomics_stat	1320032	1320112	-	6	6	K.SNPSPYMFFMQDNDFTLFGASPESSLK.Y	31
PSTAT-2060	proteomics_stat	1320032	1320115	-	6	2	K.KSNPSPYMFFMQDNDFTLFGASPESSLK.Y	32
PSTAT-2061	proteomics_stat	1320266	1320322	-	6	6	R.QQLTEAAPLPVVSVPHMR.C	23
PSTAT-2062	proteomics_stat	1320350	1320394	-	6	3	R.IQASLFAPNEEEKQR.L	19
PSTAT-2063	proteomics_stat	1320548	1320586	-	6	3	R.LLQNLNVPKEER.E	17
PSTAT-2064	proteomics_stat	1320917	1320970	-	6	3	T.MQTQKPTLELLTCEGAYR.D	22
PSTAT-2065	proteomics_stat	1325815	1325838	-	5	2	K.HAFDAGVK.A	12
PSTAT-2066	proteomics_stat	1325839	1325886	-	5	2	R.DILELADTVSELRPVK.H	20
PSTAT-2067	proteomics_stat	1326438	1326491	-	4	2	K.TPADIMPLYLWLMGDDSR.R	22
PSTAT-2068	proteomics_stat	1326579	1326629	-	4	2	K.FATEGMMQVLADEYQQR.L	21
PSTAT-2069	proteomics_stat	1328576	1328626	-	6	5	R.EHEDTLAGIEATGVTQR.N	21
PSTAT-2070	proteomics_stat	1328648	1328683	-	6	2	K.ETQPIDRELLK.E	16
PSTAT-2071	proteomics_stat	1328663	1328692	-	6	3	I.MNKETQPIDR.E	14
PSTAT-2072	proteomics_stat	1336627	1336659	-	5	3	R.NPNNEHYLDTK.A	15
PSTAT-2073	proteomics_stat	1336993	1337037	-	5	3	R.VHSECLTGDALFSLR.C	19
PSTAT-2074	proteomics_stat	1341137	1341256	-	6	305	R.NTAIGAGAGALGGAVLTDGSTLGLTGGAAVGGVIGHQVGK.-	44
PSTAT-2075	proteomics_stat	1341137	1341262	-	6	2	R.DRNTAIGAGAGALGGAVLTDGSTLGLTGGAAVGGVIGHQVGK.-	46
PSTAT-2076	proteomics_stat	1341648	1341680	-	4	3	R.ASDLMHLEHSK.L	15
PSTAT-2077	proteomics_stat	1341714	1341755	-	4	4	K.FGAVHSYSIGPVER.F	18
PSTAT-2078	proteomics_stat	1341756	1341791	-	4	3	K.ECEAIVLTDSSK.F	16
PSTAT-2079	proteomics_stat	1342062	1342148	-	4	3	R.ELAEFAASLVQPGETIFIENGSSNALLAR.T	33
PSTAT-2080	proteomics_stat	1342296	1342358	-	4	2	R.QQTILQMVIDQGQVSVTDLAK.A	25
PSTAT-2081	proteomics_stat	1345098	1345142	-	4	3	R.DELVCSQENGTQVIK.G	19
PSTAT-2082	proteomics_stat	1345143	1345199	-	4	5	R.LVDNGAIAFIPAPFLHAVR.D	23
PSTAT-2083	proteomics_stat	1345281	1345307	-	4	3	R.DVGDWLYAR.F	13
PSTAT-2084	proteomics_stat	1345335	1345388	-	4	8	K.GETATRPQDEITVQMAER.R	22
PSTAT-2085	proteomics_stat	1345335	1345400	-	4	3	K.AVIKGETATRPQDEITVQMAER.R	26
PSTAT-2086	proteomics_stat	1345410	1345433	-	4	3	K.YGDMINHR.L	12
PSTAT-2087	proteomics_stat	1345536	1345574	-	4	4	R.ELDAQPTGFLLDSR.I	17
PSTAT-2088	proteomics_stat	1345536	1345577	-	4	2	R.RELDAQPTGFLLDSR.I	18
PSTAT-2089	proteomics_stat	1345584	1345640	-	4	91	K.THGLHVDAEEVLTLDGFCK.L	23
PSTAT-2090	proteomics_stat	1345641	1345694	-	4	3	N.VHMGFDPANADALAALLK.T	22
PSTAT-2091	proteomics_stat	1345641	1345715	-	4	7	K.LGFGIYNVHMGFDPANADALAALLK.T	29
PSTAT-2092	proteomics_stat	1345641	1345721	-	4	3	R.DKLGFGIYNVHMGFDPANADALAALLK.T	31
PSTAT-2093	proteomics_stat	1345791	1345841	-	4	3	R.FILGEKGEVLDIVAEPR.R	21
PSTAT-2094	proteomics_stat	1345842	1345859	-	4	4	K.DRPDYR.F	10
PSTAT-2095	proteomics_stat	1345899	1345922	-	4	2	R.LLAQICQR.R	12
PSTAT-2096	proteomics_stat	1345923	1346006	-	4	6	K.LVYDQVSDWLENTGDWQPESEIAEQVR.L	32
PSTAT-2097	proteomics_stat	1346013	1346081	-	4	5	R.MTLSADGTIEDNIEFFAATIESK.A	27

PSTAT-2098	proteomics_stat	1346082	1346114	-	4	3	R.ANEVRPVLACR.M	15
PSTAT-2099	proteomics_stat	1346115	1346144	-	4	3	R.ELSDDLCSLR.A	14
PSTAT-2100	proteomics_stat	1346145	1346192	-	4	7	R.AFTNYLPGFNIPMLPR.E	20
PSTAT-2101	proteomics_stat	1346208	1346291	-	4	2	K.ALPDDKLQLIVAIADPTAWIAEGSKLDK.A	32
PSTAT-2102	proteomics_stat	1346217	1346267	-	4	5	Q.LIVAIADPTAWIAEGSK.L	21
PSTAT-2103	proteomics_stat	1346217	1346291	-	4	13	K.ALPDDKLQLIVAIADPTAWIAEGSK.L	29
PSTAT-2104	proteomics_stat	1346292	1346369	-	4	116	R.EDLTALDFVTIDSASTEDMDDALFAK.A	30
PSTAT-2105	proteomics_stat	1346370	1346420	-	4	3	K.EAPDGVATEMLDEGLVR.E	21
PSTAT-2106	proteomics_stat	1346538	1346588	-	4	7	R.GLNHEFKEGDWAVAEMR.R	21
PSTAT-2107	proteomics_stat	1346616	1346648	-	4	3	R.LAIVPDHPLLK.D	15
PSTAT-2108	proteomics_stat	1346682	1346726	-	4	5	R.ESAPEELVEPFLTR.F	19
PSTAT-2109	proteomics_stat	1346682	1346732	-	4	2	K.ERESAPEELVEPFLTR.F	21
PSTAT-2110	proteomics_stat	1346733	1346759	-	4	3	R.IIAVIHSEK.E	13
PSTAT-2111	proteomics_stat	1346811	1346843	-	4	4	K.GFGFLEVDAQK.S	15
PSTAT-2112	proteomics_stat	1346901	1346936	-	4	2	I.MFQDNPLLAQLK.Q	16
PSTAT-2113	proteomics_stat	1348413	1348445	-	4	7	M.LAHCEAVTPIR.R	15
PSTAT-2114	proteomics_stat	1348413	1348448	-	4	25	K.MLAHCEAVTPIR.R	16
PSTAT-2115	proteomics_stat	1348413	1348451	-	4	5	R.KMLAHCEAVTPIR.R	17
PSTAT-2116	proteomics_stat	1348485	1348514	-	4	8	R.VNAISAGPIR.T	14
PSTAT-2117	proteomics_stat	1348515	1348550	-	4	8	R.YMANAMGPEGVR.V	16
PSTAT-2118	proteomics_stat	1348551	1348574	-	4	2	K.ASLEANVR.Y	12
PSTAT-2119	proteomics_stat	1348575	1348610	-	4	2	R.AIPNYNVMGLAK.A	16
PSTAT-2120	proteomics_stat	1348611	1348661	-	4	5	M.LNPGSALLTLSYLGAER.A	21
PSTAT-2121	proteomics_stat	1348611	1348664	-	4	2	S.MLNPGSALLTLSYLGAER.A	22
PSTAT-2122	proteomics_stat	1348611	1348667	-	4	30	R.SMLNPGSALLTLSYLGAER.A	23
PSTAT-2123	proteomics_stat	1348677	1348721	-	4	49	K.IAHDISSYSFVAMAK.A	19
PSTAT-2124	proteomics_stat	1348734	1348778	-	4	2	A.PGDQLDGDYVNAVTR.E	19
PSTAT-2125	proteomics_stat	1348734	1348793	-	4	2	H.SIGFAPGDQLDGDYVNAVTR.E	24
PSTAT-2126	proteomics_stat	1348734	1348811	-	4	18	K.FDGFVHSIGFAPGDQLDGDYVNAVTR.E	30
PSTAT-2127	proteomics_stat	1348824	1348922	-	4	16	R.VEEFAAQLGSDIVLQCDVAEDASIDTMFAELGK.V	37
PSTAT-2128	proteomics_stat	1348824	1348928	-	4	26	K.GRVEEFAAQLGSDIVLQCDVAEDASIDTMFAELGK.V	39
PSTAT-2129	proteomics_stat	1348929	1348973	-	4	3	R.EGAELAFTYQNDKLG	19
PSTAT-2130	proteomics_stat	1348929	1348997	-	4	2	Y.GIAQAMHREGAELAFTYQNDKLG	27
PSTAT-2131	proteomics_stat	1348935	1348973	-	4	3	R.EGAELAFTYQNDK.L	17
PSTAT-2132	proteomics_stat	1348974	1349012	-	4	7	K.LSIAYGIAQAMHR.E	17
PSTAT-2133	proteomics_stat	1349013	1349039	-	4	6	R.ILVTVGASK.L	13
PSTAT-2134	proteomics_stat	1349915	1349962	-	6	2	R.GSTADV LASPLHELTK.R	20
PSTAT-2135	proteomics_stat	1349963	1350013	-	6	3	K.HISDQVLVMHQGEVVER.G	21
PSTAT-2136	proteomics_stat	1350663	1350707	-	4	2	K.NHLYACHFPLNMEKE.-	19
PSTAT-2137	proteomics_stat	1350873	1350920	-	4	2	K.ELVTMPHHPYTQALIR.A	20
PSTAT-2138	proteomics_stat	1352763	1352801	-	4	2	R.HVLHNLPPVIPR.L	17
PSTAT-2139	proteomics_stat	1353067	1353153	-	5	2	H.RLTGLFNPGLAGASVDAVLFTHARLVAR.F	33
PSTAT-2140	proteomics_stat	1353521	1353571	-	6	3	K.GLVLSFPGNASFAGVYR.E	21
PSTAT-2141	proteomics_stat	1354190	1354270	-	6	4	R.LTLRPGMNVAYLAFNTAKPPLNNPAVR.H	31
PSTAT-2142	proteomics_stat	1354661	1354711	-	6	2	N.GSNFPYFDSLQFADNVK.S	21
PSTAT-2143	proteomics_stat	1354661	1354735	-	6	4	R.NNPWHNVNGSNFPYFDSLQFADNVK.S	29

PSTAT-2144	proteomics_stat	1355567	1355605	-	6	3	R.TPLAHYFQLLLTR.L	17
PSTAT-2145	proteomics_stat	1355606	1355668	-	6	2	K.YFDIADEYATECAEPVAEAER.T	25
PSTAT-2146	proteomics_stat	1357877	1357930	-	6	2	R.FQPGMYVPTQASWGHNNR.T	22
PSTAT-2147	proteomics_stat	1357934	1358005	-	6	2	K.MLAGMIDLMPSSMALLAPNVNSYR.R	28
PSTAT-2148	proteomics_stat	1358375	1358425	-	6	5	R.DAEGYLQPPCAPGTDDR.N	21
PSTAT-2149	proteomics_stat	1358777	1358833	-	6	3	R.YPNTQYVDVLLTDLNGCFR.G	23
PSTAT-2150	proteomics_stat	1365166	1365219	-	5	3	R.HGTSDYPLDDIIIDPFKR.R	22
PSTAT-2151	proteomics_stat	1386332	1386436	-	6	35	R.AVVVIDENDNVIFSQLVDEITTEPDYEAALAVLKA.-	39
PSTAT-2152	proteomics_stat	1386335	1386436	-	6	2	R.AVVVIDENDNVIFSQLVDEITTEPDYEAALAVLK.A	38
PSTAT-2153	proteomics_stat	1386437	1386505	-	6	18	R.NAEFLQAYGVAIADGPKGLAAR.A	27
PSTAT-2154	proteomics_stat	1386452	1386505	-	6	98	R.NAEFLQAYGVAIADGPK.G	22
PSTAT-2155	proteomics_stat	1386506	1386550	-	6	2	C.GAEGLNNVITLSTFR.N	19
PSTAT-2156	proteomics_stat	1386506	1386553	-	6	3	F.CGAEGLNNVITLSTFR.N	20
PSTAT-2157	proteomics_stat	1386506	1386556	-	6	167	R.FCGAEGLNNVITLSTFR.N	21
PSTAT-2158	proteomics_stat	1386557	1386634	-	6	25	K.FNQLATEIDNTVVLCSADLPFAQSR.F	30
PSTAT-2159	proteomics_stat	1386557	1386637	-	6	321	R.KFNQLATEIDNTVVLCSADLPFAQSR.F	31
PSTAT-2160	proteomics_stat	1386638	1386688	-	6	2	V.LNIFPSIDTGVCAASVR.K	21
PSTAT-2161	proteomics_stat	1386638	1386691	-	6	23	K.VLNIFPSIDTGVCAASVR.K	22
PSTAT-2162	proteomics_stat	1386638	1386694	-	6	11	R.KVLNIFPSIDTGVCAASVR.K	23
PSTAT-2163	proteomics_stat	1386695	1386736	-	6	4	K.DLSDVTLGQFAGKR.K	18
PSTAT-2164	proteomics_stat	1386698	1386736	-	6	31	K.DLSDVTLGQFAGK.R	17
PSTAT-2165	proteomics_stat	1386764	1386832	-	6	65	M.SQTVHFQGNPVTVANSIPQAGSK.A	27
PSTAT-2166	proteomics_stat	1393254	1393331	-	4	2	K.ITTFDNRPLYVPNSLFSSISVENPGR.M	30
PSTAT-2167	proteomics_stat	1395699	1395767	-	4	8	R.CDLLVIKPDQYQTPVELDDEEDD.-	27
PSTAT-2168	proteomics_stat	1395768	1395827	-	4	19	R.TGISAAFLGNTAEQVIDHLR.C	24
PSTAT-2169	proteomics_stat	1395828	1395884	-	4	21	I.PDLAEHLQAGIVVLGTVGR.T	23
PSTAT-2170	proteomics_stat	1395828	1395905	-	4	90	K.GLPEEVIPDLAEHLQAGIVVLGTVGR.T	30
PSTAT-2171	proteomics_stat	1395906	1395941	-	4	13	K.FGINENMTHVEK.G	16
PSTAT-2172	proteomics_stat	1396239	1396283	-	4	9	R.LEAVIFPTDWHLLR.K	19
PSTAT-2173	proteomics_stat	1396305	1396367	-	4	3	H.NRPFEAIIQEVISGGHDLVLK.M	25
PSTAT-2174	proteomics_stat	1396380	1396415	-	4	3	K.YYLNAGVPIEK.V	16
PSTAT-2175	proteomics_stat	1396416	1396442	-	4	3	R.TAWIHEQAK.Y	13
PSTAT-2176	proteomics_stat	1396476	1396538	-	4	47	K.AFLPIYDFSYEMTLLSPDER.T	25
PSTAT-2177	proteomics_stat	1396581	1396610	-	4	2	D.PNQDDQPALR.R	14
PSTAT-2178	proteomics_stat	1396581	1396643	-	4	2	M.AMYQNMLVVDPNQDDQPALR.R	25
PSTAT-2179	proteomics_stat	1396810	1396869	-	5	5	K.GKYITIENNDALAQLAGHTR.N	24
PSTAT-2180	proteomics_stat	1396912	1396959	-	5	3	R.GDIGNYLGLTVETISR.L	20
PSTAT-2181	proteomics_stat	1409184	1409258	-	4	2	R.IETMFSAMQNVVPSHLCDTNLFDK.G	29
PSTAT-2182	proteomics_stat	1414847	1414906	-	6	3	V.SHKTSLLDPLEIRELHKLVR.D	24
PSTAT-2183	proteomics_stat	1433212	1433241	-	5	24	R.HAECVLLVVR.-	14
PSTAT-2184	proteomics_stat	1433350	1433388	-	5	8	R.VHVHVEEGSPKDR.I	17
PSTAT-2185	proteomics_stat	1433356	1433388	-	5	21	R.VHVHVEEGSPK.D	15
PSTAT-2186	proteomics_stat	1433410	1433436	-	5	5	K.SQLEEIKK.F	13
PSTAT-2187	proteomics_stat	1433413	1433436	-	5	3	K.SQLEEI.K	12
PSTAT-2188	proteomics_stat	1433437	1433499	-	5	4	A.SLGLAYSaelPAMDDLKAEAK.S	25
PSTAT-2189	proteomics_stat	1433437	1433556	-	5	5	K.IDDAEVHFLTVIPSLPYASLGLAYSaelPAMDDLKAEAK.S	44

PSTAT-2190	proteomics_stat	1433557	1433583	-	5	2	V.ISHVVEEAK.I	13
PSTAT-2191	proteomics_stat	1433557	1433586	-	5	18	R.VISHVEEAK.I	14
PSTAT-2192	proteomics_stat	1433587	1433622	-	5	2	V.PIDISDELTQR.V	16
PSTAT-2193	proteomics_stat	1433587	1433634	-	5	11	R.TILVPIDISDELTQR.V	20
PSTAT-2194	proteomics_stat	1433587	1433637	-	5	2	N.RTILVPIDISDELTQR.V	21
PSTAT-2195	proteomics_stat	1435365	1435406	-	4	2	R.LNSQQPEVAEQLWK.D	18
PSTAT-2196	proteomics_stat	1435416	1435502	-	4	5	R.RADEGKLPALDSRPPSEAPEETLLHEQR.F	33
PSTAT-2197	proteomics_stat	1435944	1435967	-	4	6	R.DADALVEK.S	12
PSTAT-2198	proteomics_stat	1435968	1436009	-	4	2	R.QQLNDVAEAHELLR.D	18
PSTAT-2199	proteomics_stat	1436058	1436111	-	4	3	R.LLDQFADKIPAELLTALK.S	22
PSTAT-2200	proteomics_stat	1436208	1436294	-	4	2	R.MLIANATGCSSYGGNLPSTPYTTDANGR.G	33
PSTAT-2201	proteomics_stat	1436424	1436465	-	4	2	K.INYDFFLNLPEIDR.S	18
PSTAT-2202	proteomics_stat	1437237	1437299	-	4	7	R.LKPGGIFLLNTPYSADEVWSR.L	25
PSTAT-2203	proteomics_stat	1437642	1437701	-	4	3	K.EFGPDCVLAVFAELNAAKPK.A	24
PSTAT-2204	proteomics_stat	1437750	1437833	-	4	6	R.TKEPGAQAEPLYLDVMTALAEAFNNGER.E	32
PSTAT-2205	proteomics_stat	1438008	1438052	-	4	2	R.QYQPFYYGHPQAER.V	19
PSTAT-2206	proteomics_stat	1438053	1438133	-	4	6	R.EATNPWYNAVYDHVEQAMNDFSAATGR.Q	31
PSTAT-2207	proteomics_stat	1438173	1438202	-	4	3	R.ALNPEHPVIR.G	14
PSTAT-2208	proteomics_stat	1438419	1438478	-	4	2	R.TVATHALSIFGDHSDVMAVR.Q	24
PSTAT-2209	proteomics_stat	1438479	1438523	-	4	2	K.LAGELTPFVLHVAAR.T	19
PSTAT-2210	proteomics_stat	1439384	1439437	-	6	2	K.EGAQVDLTANQLTLATAK.Q	22
PSTAT-2211	proteomics_stat	1439438	1439497	-	6	2	R.MMCANPQLNELDNTISEMLK.E	24
PSTAT-2212	proteomics_stat	1439591	1439665	-	6	3	R.FVLESVNGKPVTSKDNPPPEISFGEK.M	29
PSTAT-2213	proteomics_stat	1439908	1439964	-	5	2	A.EALTSISQTTLQNLNLEK.G	23
PSTAT-2214	proteomics_stat	1439908	1440018	-	5	17	R.LSACHNVLFTGHQAFLTAEALTSISQTTLQNLNLEK.G	41
PSTAT-2215	proteomics_stat	1440076	1440114	-	5	4	K.IGSLGMDVYENER.D	17
PSTAT-2216	proteomics_stat	1440124	1440165	-	5	3	R.GALIDSQAAIEALK.N	18
PSTAT-2217	proteomics_stat	1440166	1440195	-	5	8	K.NGVMIVNTSR.G	14
PSTAT-2218	proteomics_stat	1440433	1440483	-	5	5	R.DANFSLEGLTGFTMYGK.T	21
PSTAT-2219	proteomics_stat	1440514	1440579	-	5	16	R.VPAYDPEAVAEHAIGMMMTLNR.R	26
PSTAT-2220	proteomics_stat	1440520	1440579	-	5	2	R.VPAYDPEAVAEHAIGMMMTL.N	24
PSTAT-2221	proteomics_stat	1440604	1440642	-	5	3	R.CAGFNVDLDAK.E	17
PSTAT-2222	proteomics_stat	1461954	1462001	-	4	20	A.TAMPSGWVVRQNLAR.S	20
PSTAT-2223	proteomics_stat	1480375	1480446	-	5	2	K.DGPTDLVTPYLSTFLGFIGITDVK.F	28
PSTAT-2224	proteomics_stat	1480567	1480629	-	5	3	K.AHDVIVIAAPMYNFNISTQLK.N	25
PSTAT-2225	proteomics_stat	1480630	1480677	-	5	4	R.QQEALALSDELIAELK.A	20
PSTAT-2226	proteomics_stat	1480762	1480788	-	5	9	K.HSADEITVR.D	13
PSTAT-2227	proteomics_stat	1492241	1492309	-	6	2	R.HATLVALPVPGHGAGEPIGILTR.V	27
PSTAT-2228	proteomics_stat	1520478	1520543	-	4	2	K.ATGATGDGTQPGDVVDYTVSTTR.F	26
PSTAT-2229	proteomics_stat	1522670	1522750	-	6	2	K.LPGAPFTSWLTLFLLSVLVLMAFDYP.N	31
PSTAT-2230	proteomics_stat	1531324	1531395	-	5	2	R.WQFDDDKLNTLHHLGAGTFVTSKG.R	28
PSTAT-2231	proteomics_stat	1531414	1531491	-	5	2	R.LLPATSAQEYDTLFGVEVVSAAADAR.V	30
PSTAT-2232	proteomics_stat	1533394	1533480	-	5	5	R.AAIINALHLTEDDILPGLPIQVATTGHSK.V	33
PSTAT-2233	proteomics_stat	1552020	1552079	-	4	3	K.TSAEALQQAIDDNFWQAEYR.D	24
PSTAT-2234	proteomics_stat	1552080	1552109	-	4	3	K.MAQQQGVAVK.T	14
PSTAT-2235	proteomics_stat	1552155	1552250	-	4	2	R.ITDEMLMSASETLAQYSPLVLNLEGMVLPELK.D	36

PSTAT-2236	proteomics_stat	1552251	1552337	-	4	5	K.DKIYPIAQCNNAFIFPGIGLVIASGASR.I	33
PSTAT-2237	proteomics_stat	1552338	1552427	-	4	6	R.VEATPQDIIAWTEGNALVATGSPFNPVVWK.D	34
PSTAT-2238	proteomics_stat	1552428	1552475	-	4	8	K.HCPRPIVMPLSNPTS.R.V	20
PSTAT-2239	proteomics_stat	1552557	1552616	-	4	5	R.ENLSDWDTSDVLSLLDVVR.N	24
PSTAT-2240	proteomics_stat	1552632	1552682	-	4	2	R.FGLLTDKMPNLLPFQTK.L	21
PSTAT-2241	proteomics_stat	1552833	1552916	-	4	4	R.YRNEICSFNDDIQGTAAVTVGLTIAASR.A	32
PSTAT-2242	proteomics_stat	1552941	1552982	-	4	4	R.WPDVLLQFEDFAQK.N	18
PSTAT-2243	proteomics_stat	1552941	1552988	-	4	4	K.QRWPDVLLQFEDFAQK.N	20
PSTAT-2244	proteomics_stat	1553169	1553222	-	4	4	R.ILGLGDQIGGGMIGPIGK.L	22
PSTAT-2245	proteomics_stat	1553223	1553249	-	4	2	K.VIVVTDGER.I	13
PSTAT-2246	proteomics_stat	1553250	1553297	-	4	4	R.HNMDDILQNVPNHNIK.V	20
PSTAT-2247	proteomics_stat	1553460	1553489	-	4	3	K.TEIDKHIYLR.N	14
PSTAT-2248	proteomics_stat	1553517	1553579	-	4	12	R.NFNLLGLLPEVVETIEEQAER.A	25
PSTAT-2249	proteomics_stat	1553517	1553582	-	4	9	R.RNFNLLGLLPEVVETIEEQAER.A	26
PSTAT-2250	proteomics_stat	1553610	1553666	-	4	11	R.SLYIPYAGPVLLFPLLNK.G	23
PSTAT-2251	proteomics_stat	1559090	1559116	-	6	2	R.TRDYQQAQK.I	13
PSTAT-2252	proteomics_stat	1559117	1559149	-	6	2	R.NALATTDQTR.T	15
PSTAT-2253	proteomics_stat	1559903	1559950	-	6	3	R.GFLAQNTAGSGPFMLK.S	20
PSTAT-2254	proteomics_stat	1559975	1560058	-	6	6	K.FTLSQPFPFLYTLANDGASIINPAVLK.E	32
PSTAT-2255	proteomics_stat	1560317	1560397	-	6	3	K.AADPQTLDPAVTIDNNDWTVTYPYSYQR.L	31
PSTAT-2256	proteomics_stat	1564070	1564102	-	6	2	R.KVSQAFYDNVR.S	15
PSTAT-2257	proteomics_stat	1566987	1567016	-	4	13	R.SPHYVMNDK.K	14
PSTAT-2258	proteomics_stat	1567047	1567097	-	4	7	K.ANTGVTLEPINSQNAPK.G	21
PSTAT-2259	proteomics_stat	1567047	1567103	-	4	6	K.GKANTGVTLEPINSQNAPK.G	23
PSTAT-2260	proteomics_stat	1567521	1567547	-	4	2	K.NLLPAFAK.M	13
PSTAT-2261	proteomics_stat	1568678	1568707	-	6	3	L.QGIAQQNSFK.H	14
PSTAT-2262	proteomics_stat	1568678	1568707	-	6	3	L.QGIAQQNSFK.H	14
PSTAT-2263	proteomics_stat	1568678	1568710	-	6	9	K.LQGIAQQNSFK.H	15
PSTAT-2264	proteomics_stat	1568678	1568710	-	6	9	K.LQGIAQQNSFK.H	15
PSTAT-2265	proteomics_stat	1568744	1568788	-	6	45	R.GFEMDFAELLEDYK.A	19
PSTAT-2266	proteomics_stat	1568744	1568788	-	6	45	R.GFEMDFAELLEDYK.A	19
PSTAT-2267	proteomics_stat	1568744	1568791	-	6	96	R.RGFEMDFAELLEDYK.A	20
PSTAT-2268	proteomics_stat	1568744	1568791	-	6	96	R.RGFEMDFAELLEDYK.A	20
PSTAT-2269	proteomics_stat	1568804	1568863	-	6	364	R.GWQVPAFTLGGEATDIVVMR.I	24
PSTAT-2270	proteomics_stat	1568804	1568863	-	6	364	R.GWQVPAFTLGGEATDIVVMR.I	24
PSTAT-2271	proteomics_stat	1568876	1568920	-	6	11	K.DGEDPGYTYDLSE.L	19
PSTAT-2272	proteomics_stat	1568876	1568920	-	6	11	K.DGEDPGYTYDLSE.L	19
PSTAT-2273	proteomics_stat	1568876	1568926	-	6	8	K.LKDGEDPGYTYDLSE.L	21
PSTAT-2274	proteomics_stat	1568876	1568926	-	6	8	K.LKDGEDPGYTYDLSE.L	21
PSTAT-2275	proteomics_stat	1568927	1568992	-	6	3	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PSTAT-2276	proteomics_stat	1568927	1568992	-	6	3	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PSTAT-2277	proteomics_stat	1568993	1569046	-	6	90	K.VQNASYQVAAYLADEIAK.L	22
PSTAT-2278	proteomics_stat	1568993	1569046	-	6	90	K.VQNASYQVAAYLADEIAK.L	22
PSTAT-2279	proteomics_stat	1569071	1569112	-	6	19	R.PAGQVIAQYEF.LR.L	18
PSTAT-2280	proteomics_stat	1569071	1569112	-	6	19	R.PAGQVIAQYEF.LR.L	18
PSTAT-2281	proteomics_stat	1569200	1569241	-	6	2	K.FGLAPLGCWVIWR.D	18

PSTAT-2282	proteomics_stat	1569200	1569241	-	6	2	K.FGLAPLGCWVIWR.D	18
PSTAT-2283	proteomics_stat	1569536	1569556	-	6	3	R.YWDVELR.E	11
PSTAT-2284	proteomics_stat	1569536	1569556	-	6	3	R.YWDVELR.E	11
PSTAT-2285	proteomics_stat	1569566	1569637	-	6	4	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PSTAT-2286	proteomics_stat	1569566	1569637	-	6	4	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PSTAT-2287	proteomics_stat	1569566	1569640	-	6	2	K.RMEAAGKPTDKPNLVCGPVQICWHK.F	29
PSTAT-2288	proteomics_stat	1569566	1569640	-	6	2	K.RMEAAGKPTDKPNLVCGPVQICWHK.F	29
PSTAT-2289	proteomics_stat	1569656	1569727	-	6	8	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PSTAT-2290	proteomics_stat	1569656	1569727	-	6	8	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PSTAT-2291	proteomics_stat	1569728	1569772	-	6	17	R.CVNMVADLWHAPAPK.N	19
PSTAT-2292	proteomics_stat	1569728	1569772	-	6	17	R.CVNMVADLWHAPAPK.N	19
PSTAT-2293	proteomics_stat	1569728	1569796	-	6	3	P.QSAAIDLRCVNMVADLWHAPAPK.N	27
PSTAT-2294	proteomics_stat	1569728	1569796	-	6	3	P.QSAAIDLRCVNMVADLWHAPAPK.N	27
PSTAT-2295	proteomics_stat	1569773	1569823	-	6	13	K.NWIDKEEYPQSAIDLR.C	21
PSTAT-2296	proteomics_stat	1569773	1569823	-	6	13	K.NWIDKEEYPQSAIDLR.C	21
PSTAT-2297	proteomics_stat	1569773	1569847	-	6	4	K.LMDLSINKNWIDKEEYPQSAIDLR.C	29
PSTAT-2298	proteomics_stat	1569773	1569847	-	6	4	K.LMDLSINKNWIDKEEYPQSAIDLR.C	29
PSTAT-2299	proteomics_stat	1569824	1569847	-	6	2	K.LMDLSINK.N	12
PSTAT-2300	proteomics_stat	1569824	1569847	-	6	2	K.LMDLSINK.N	12
PSTAT-2301	proteomics_stat	1569848	1569898	-	6	10	R.QNLATFCQTDENVHK.L	21
PSTAT-2302	proteomics_stat	1569848	1569898	-	6	10	R.QNLATFCQTDENVHK.L	21
PSTAT-2303	proteomics_stat	1569899	1569955	-	6	103	R.DDVAFQIINDELYLDGNAR.Q	23
PSTAT-2304	proteomics_stat	1569899	1569955	-	6	103	R.DDVAFQIINDELYLDGNAR.Q	23
PSTAT-2305	proteomics_stat	1569899	1569976	-	6	7	R.FPLHEMRDDVAFQIINDELYLDGNAR.Q	30
PSTAT-2306	proteomics_stat	1569899	1569976	-	6	7	R.FPLHEMRDDVAFQIINDELYLDGNAR.Q	30
PSTAT-2307	proteomics_stat	1569956	1569976	-	6	3	R.FPLHEMR.D	11
PSTAT-2308	proteomics_stat	1569956	1569976	-	6	3	R.FPLHEMR.D	11
PSTAT-2309	proteomics_stat	1569977	1570006	-	6	2	K.SISTIAESKR.F	14
PSTAT-2310	proteomics_stat	1569980	1570006	-	6	2	K.SISTIAESKR.R	13
PSTAT-2311	proteomics_stat	1571280	1571348	-	4	3	R.ITHSTINDNIWASLQNAQIQALK.T	27
PSTAT-2312	proteomics_stat	1572828	1572893	-	4	2	R.DVNAYTSYDETVYQVSLPTTQK.Q	26
PSTAT-2313	proteomics_stat	1573304	1573354	-	6	2	K.TAVDTTNTGVATYASGR.T	21
PSTAT-2314	proteomics_stat	1578977	1579012	-	6	2	K.DNLAAANPQVVK.E	16
PSTAT-2315	proteomics_stat	1579091	1579159	-	6	3	R.HQSDDYPHPNTEDLSQFSYTVR.N	27
PSTAT-2316	proteomics_stat	1579313	1579375	-	6	2	K.LISAMDFYPTALDAADISIPK.D	25
PSTAT-2317	proteomics_stat	1579745	1579795	-	6	2	K.GYISDQLTDEAIGVVDR.A	21
PSTAT-2318	proteomics_stat	1580141	1580185	-	6	2	R.FTNGYVAHGVSGPSR.A	19
PSTAT-2319	proteomics_stat	1580318	1580383	-	6	2	K.GKPNIIVLTMDLGYQLPFDK.G	26
PSTAT-2320	proteomics_stat	1589985	1590053	-	4	2	R.GNITSDAVFNFFDNLDPSPVIR.D	27
PSTAT-2321	proteomics_stat	1596875	1596940	-	6	3	K.GKLWSQILADVSGPLVNIPVVK.E	26
PSTAT-2322	proteomics_stat	1597073	1597126	-	6	2	K.TWYHAAPSFINLSIDPK.C	22
PSTAT-2323	proteomics_stat	1597508	1597591	-	6	2	R.ADILSPVKETGTLLGVVSSQAAELCGLK.A	32
PSTAT-2324	proteomics_stat	1597823	1597861	-	6	3	K.ELHNNTFENEVYR.A	17
PSTAT-2325	proteomics_stat	1598444	1598485	-	6	2	K.IHNELIGLPLSALK.T	18
PSTAT-2326	proteomics_stat	1611597	1611710	-	4	3	K.MAGAGNYPPTVLANVTPEMTAFREEMFGPVAITIAK.D	42
PSTAT-2327	proteomics_stat	1611753	1611779	-	4	2	R.DELHHQVEK.T	13

PSTAT-2328	proteomics_stat	1612125	1612196	-	4	2	K.DAGIPQGVYGLNADNDGVSQMIK.D	28
PSTAT-2329	proteomics_stat	1612197	1612247	-	4	2	K.HAPNVMGCAQLIAQVFK.D	21
PSTAT-2330	proteomics_stat	1612599	1612724	-	4	2	M.TITPATHAISINPATGEQLSVLPWAGADDIENALQLAAAGFR.D	46
PSTAT-2331	proteomics_stat	1622222	1622269	-	6	2	K.SGEINNVIPAAVFDGR.E	20
PSTAT-2332	proteomics_stat	1623668	1623724	-	6	3	R.WHCLEENEAMQDVDDFELR.A	23
PSTAT-2333	proteomics_stat	1623725	1623772	-	6	13	K.GYEMSELLSAALLDMR.W	20
PSTAT-2334	proteomics_stat	1623800	1623844	-	6	9	R.HYQSGAAMPDELQQK.M	19
PSTAT-2335	proteomics_stat	1623854	1623919	-	6	3	R.DFVEFPSQINEHWATHPQVFAR.Y	26
PSTAT-2336	proteomics_stat	1623920	1623952	-	6	3	R.YATLSGTNTPR.D	15
PSTAT-2337	proteomics_stat	1624091	1624141	-	6	4	K.SGGAWMGNFVEQSTLNK.T	21
PSTAT-2338	proteomics_stat	1624370	1624429	-	6	2	K.QQGGFSAQPWDWAFYAEQVR.R	24
PSTAT-2339	proteomics_stat	1624430	1624471	-	6	2	R.ASEDELASIQAVIDK.Q	18
PSTAT-2340	proteomics_stat	1624550	1624597	-	6	6	R.AQQATLLGFPHYAAWK.I	20
PSTAT-2341	proteomics_stat	1624703	1624756	-	6	8	K.WLIPLLNTTQQPALAEMR.D	22
PSTAT-2342	proteomics_stat	1624778	1624861	-	6	25	K.SGGLVVNDIAQLAGMSEQEIALAAEAAR.E	32
PSTAT-2343	proteomics_stat	1624880	1624927	-	6	5	K.VLNTEAATLTSQFNQR.L	20
PSTAT-2344	proteomics_stat	1624979	1625002	-	6	3	R.LVEVIHQRF	12
PSTAT-2345	proteomics_stat	1625003	1625038	-	6	3	R.RESLGLDSESIR.L	16
PSTAT-2346	proteomics_stat	1625060	1625134	-	6	11	R.LDEQFSAELAEELANDIYLNELFAR.V	29
PSTAT-2347	proteomics_stat	1635648	1635677	-	4	3	K.MTGLESYDVK.I	14
PSTAT-2348	proteomics_stat	1635648	1635677	-	4	3	K.MTGLESYDVK.I	14
PSTAT-2349	proteomics_stat	1635648	1635683	-	4	5	R.EKMTGLESYDVK.I	16
PSTAT-2350	proteomics_stat	1635648	1635683	-	4	5	R.EKMTGLESYDVK.I	16
PSTAT-2351	proteomics_stat	1635744	1635785	-	4	11	K.TKAEADISEYITKK.I	18
PSTAT-2352	proteomics_stat	1635747	1635785	-	4	7	K.TKAEADISEYITK.K	17
PSTAT-2353	proteomics_stat	1643708	1643755	-	6	2	K.QTLLSDEDAELVEIVK.E	20
PSTAT-2354	proteomics_stat	1643708	1643755	-	6	2	K.QTLLSDEDAELVEIVK.E	20
PSTAT-2355	proteomics_stat	1643756	1643800	-	6	2	R.LMLEYIADNERLPFK.Q	19
PSTAT-2356	proteomics_stat	1643756	1643800	-	6	2	R.LMLEYIADNERLPFK.Q	19
PSTAT-2357	proteomics_stat	1664629	1664673	-	5	4	K.KLPAPLIGELPYLPR.A	19
PSTAT-2358	proteomics_stat	1664674	1664724	-	5	2	R.INPGLAHYAEIIDVLGK.K	21
PSTAT-2359	proteomics_stat	1665118	1665147	-	5	4	K.TVAGYKPPAK.G	14
PSTAT-2360	proteomics_stat	1673029	1673061	-	5	8	K.ENTHMLFGDAK.A	15
PSTAT-2361	proteomics_stat	1673029	1673109	-	5	5	R.SMNTGYAGVQNPLFFKENTHMLFGDAK.A	31
PSTAT-2362	proteomics_stat	1673062	1673106	-	5	2	S.MNTGYAGVQNPLFFK.E	19
PSTAT-2363	proteomics_stat	1673062	1673109	-	5	14	R.SMNTGYAGVQNPLFFK.E	20
PSTAT-2364	proteomics_stat	1673062	1673112	-	5	3	K.RSMNTGYAGVQNPLFFK.E	21
PSTAT-2365	proteomics_stat	1673110	1673136	-	5	6	K.AQNVIVFKR.S	13
PSTAT-2366	proteomics_stat	1673113	1673136	-	5	3	K.AQNVIVFKR	12
PSTAT-2367	proteomics_stat	1673137	1673175	-	5	4	K.SPIAGMPVLEVWK.A	17
PSTAT-2368	proteomics_stat	1673296	1673334	-	5	29	R.LPGHMNVLLAEAK.V	17
PSTAT-2369	proteomics_stat	1673335	1673361	-	5	8	R.FGIHPVAGR.L	13
PSTAT-2370	proteomics_stat	1673389	1673472	-	5	59	K.NSHSVIITPGYGMVAQAQYPVAEITEK.L	32
PSTAT-2371	proteomics_stat	1673473	1673508	-	5	10	R.EITAEETAELLK.N	16
PSTAT-2372	proteomics_stat	1673509	1673589	-	5	5	R.SFISVIAGGFGTDSSTGDDQEVGEHR.E	31
PSTAT-2373	proteomics_stat	1674776	1674841	-	6	10	R.AGEITWPAPPIQVSAQPQAAQK.A	26

PSTAT-2374	proteomics_stat	1674860	1674901	-	6	7	K.DGNITVDFDDVVIR.G	18
PSTAT-2375	proteomics_stat	1674860	1674907	-	6	34	K.EKDGnitvdfddvvir.g	20
PSTAT-2376	proteomics_stat	1674920	1674973	-	6	11	R.LPTQSSQLYGTNLVNLK.L	22
PSTAT-2377	proteomics_stat	1674920	1675003	-	6	27	K.VIGYTDLPGRPTQSSQLYGTNLVNLK.L	32
PSTAT-2378	proteomics_stat	1674974	1675003	-	6	3	K.VIGYTDLPGR.L	14
PSTAT-2379	proteomics_stat	1675004	1675039	-	6	2	V.PGEIFTTENGVK.V	16
PSTAT-2380	proteomics_stat	1675004	1675099	-	6	4	K.AGSVIVDLAAQNGGNCEYTVPGEIFTTENGVK.V	36
PSTAT-2381	proteomics_stat	1675100	1675120	-	6	3	R.EMVDSMK.A	11
PSTAT-2382	proteomics_stat	1675133	1675186	-	6	40	K.EVDIIVTTALIPGKPAPK.L	22
PSTAT-2383	proteomics_stat	1675187	1675219	-	6	2	K.AEMELFAAQAK.E	15
PSTAT-2384	proteomics_stat	1675220	1675243	-	6	2	K.VMSDAFIK.A	12
PSTAT-2385	proteomics_stat	1675325	1675351	-	6	3	R.AFDTRPEVK.E	13
PSTAT-2386	proteomics_stat	1675352	1675426	-	6	232	K.VMVGAGVAGLAAIGAANSLGAIVR.A	29
PSTAT-2387	proteomics_stat	1675442	1675468	-	6	2	F.TGQITAAGK.V	13
PSTAT-2388	proteomics_stat	1675442	1675471	-	6	2	F.FTGQITAAGK.V	14
PSTAT-2389	proteomics_stat	1675442	1675474	-	6	6	R.FFTGQITAAGK.V	15
PSTAT-2390	proteomics_stat	1675475	1675501	-	6	4	I.VEAAHEFGR.F	13
PSTAT-2391	proteomics_stat	1675475	1675504	-	6	7	A.IVEAAHEFGR.F	14
PSTAT-2392	proteomics_stat	1675475	1675507	-	6	20	R.AIVEAAHEFGR.F	15
PSTAT-2393	proteomics_stat	1675508	1675558	-	6	7	R.AQSLDALSSMANIAGYR.A	21
PSTAT-2394	proteomics_stat	1675568	1675603	-	6	9	R.NVTVMAMDSVPR.I	16
PSTAT-2395	proteomics_stat	1675616	1675645	-	6	2	W.PAQNPPELMQK.L	14
PSTAT-2396	proteomics_stat	1675616	1675714	-	6	21	K.VNAPLDDEIALLNPGTTLVSVFIWPAQNPPELMQK.L	37
PSTAT-2397	proteomics_stat	1675715	1675783	-	6	31	K.AFVQAGAEIVEGNSVWQSEIILK.V	27
PSTAT-2398	proteomics_stat	1675784	1675843	-	6	205	K.LGFTVAVESGAGQLASFDDK.A	24
PSTAT-2399	proteomics_stat	1676558	1676614	-	6	3	T.AFTASPIALKRPVTTTRSK.G	23
PSTAT-2400	proteomics_stat	1683353	1683421	-	6	5	R.INQLLNESLMLVTALNTHIGYDK.A	27
PSTAT-2401	proteomics_stat	1683881	1683973	-	6	33	K.HIEYSLPHVAELALGGTAVGTGLNTHPEYAR.R	35
PSTAT-2402	proteomics_stat	1684247	1684273	-	6	2	R.ASELLGGVR.G	13
PSTAT-2403	proteomics_stat	1684406	1684441	-	6	2	K.VNEDLGLLSEEK.A	16
PSTAT-2404	proteomics_stat	1684457	1684495	-	6	8	K.MPTSLIHALALK.R	17
PSTAT-2405	proteomics_stat	1684529	1684597	-	6	3	R.SEKDSMGAIQVDPADKLWGAQTQR.S	27
PSTAT-2406	proteomics_stat	1684553	1684588	-	6	2	K.DSMGAIQVPAK.L	16
PSTAT-2407	proteomics_stat	1684908	1684973	-	4	13	K.HGGFYLGSIQGAAPVLAQGSIK.S	26
PSTAT-2408	proteomics_stat	1684974	1685003	-	4	3	R.SQQVTDACKK.H	14
PSTAT-2409	proteomics_stat	1684977	1685003	-	4	2	R.SQQVTDACK.K	13
PSTAT-2410	proteomics_stat	1685073	1685123	-	4	3	K.TPEGYASGSLGPTTAGR.M	21
PSTAT-2411	proteomics_stat	1685256	1685321	-	4	2	R.VDLNRPMEILAQLSQYPVSTR.L	26
PSTAT-2412	proteomics_stat	1685256	1685321	-	4	2	R.VDLNRPMEILAQLSQYPVSTR.L	26
PSTAT-2413	proteomics_stat	1685526	1685597	-	4	3	R.DVELEKELLIEAQNGLGQAQFGGK.Y	28
PSTAT-2414	proteomics_stat	1685598	1685648	-	4	5	K.YDELPTEGNEHGQAFR.D	21
PSTAT-2415	proteomics_stat	1685598	1685648	-	4	5	K.YDELPTEGNEHGQAFR.D	21
PSTAT-2416	proteomics_stat	1685673	1685750	-	4	2	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PSTAT-2417	proteomics_stat	1685673	1685750	-	4	2	R.TLGTAAACPPYHIAFVIGGTAETNLK.T	30
PSTAT-2418	proteomics_stat	1685865	1685933	-	4	4	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27
PSTAT-2419	proteomics_stat	1685865	1685933	-	4	4	K.EVNTGTNLPAQIDLYAVDGDYEK.F	27

PSTAT-2420	proteomics_stat	1685967	1686002	-	4	2	R.GVYNTYIEDNLR.Y	16
PSTAT-2421	proteomics_stat	1685967	1686002	-	4	2	R.GVYNTYIEDNLR.Y	16
PSTAT-2422	proteomics_stat	1686003	1686041	-	4	2	R.VWTGGGDEAALAR.G	17
PSTAT-2423	proteomics_stat	1686054	1686104	-	4	4	K.GVLPTCQDTGTAIIVGK.K	21
PSTAT-2424	proteomics_stat	1686054	1686104	-	4	4	K.GVLPTCQDTGTAIIVGK.K	21
PSTAT-2425	proteomics_stat	1686357	1686398	-	4	5	M.SNKPFIHQAPFPLK.K	18
PSTAT-2426	proteomics_stat	1694972	1695013	-	6	2	R.EIFSENGFHSASMK.A	18
PSTAT-2427	proteomics_stat	1695471	1695515	-	4	3	R.VNGIAPGAILTDALK.S	19
PSTAT-2428	proteomics_stat	1695525	1695551	-	4	5	R.NMAFDLGEK.N	13
PSTAT-2429	proteomics_stat	1695552	1695575	-	4	2	K.AAASHLVR.N	12
PSTAT-2430	proteomics_stat	1695576	1695608	-	4	4	K.NINMTSYASSK.A	15
PSTAT-2431	proteomics_stat	1695609	1695659	-	4	15	K.NGGGVILTITSMAAENK.N	21
PSTAT-2432	proteomics_stat	1695729	1695800	-	4	5	K.VDILVNNAGGGGPKPDMADFR.R	28
PSTAT-2433	proteomics_stat	1695729	1695809	-	4	4	K.LGKVDILVNNAGGGGPKPDMADFR.R	31
PSTAT-2434	proteomics_stat	1695810	1695866	-	4	22	R.CDITSEQELSALADFAISK.L	23
PSTAT-2435	proteomics_stat	1695990	1696028	-	4	2	K.CAITTGAGAGIGK.E	17
PSTAT-2436	proteomics_stat	1697570	1697602	-	6	12	K.LKANEPILLIQ.V	15
PSTAT-2437	proteomics_stat	1701586	1701645	-	5	2	M.LAAAESARYIVHSGRGSYVK.Y	24
PSTAT-2438	proteomics_stat	1702087	1702161	-	5	2	K.HLFNDPNIDLIVPTPNDFHPLAK.A	29
PSTAT-2439	proteomics_stat	1704806	1704856	-	6	20	E.MQCVGHGSTHKLQPVQR.S	21
PSTAT-2440	proteomics_stat	1713137	1713214	-	6	4	K.LLQGATLQEALHVTAAVYEIMVTTK.A	30
PSTAT-2441	proteomics_stat	1713407	1713511	-	6	8	R.HGLPASDIIAPNLVEILELCEHAVNNVEEAVLAAR.E	39
PSTAT-2442	proteomics_stat	1713620	1713697	-	6	3	K.LHTCDAVLSGYLGSAEQGEHILGIVR.Q	30
PSTAT-2443	proteomics_stat	1713833	1713904	-	6	7	K.NILAIQSHVVYGHAGNSAAEFPMR.R	28
PSTAT-2444	proteomics_stat	1714077	1714115	-	4	3	K.TIASNAITINGEK.Q	17
PSTAT-2445	proteomics_stat	1714077	1714118	-	4	14	R.KTIASNAITINGEK.Q	18
PSTAT-2446	proteomics_stat	1714131	1714181	-	4	4	K.GADLMQALVDSSELQPSR.G	21
PSTAT-2447	proteomics_stat	1714182	1714280	-	4	8	R.ITECLFSGSLSALSEADFEQLAQDGVPMVEMEK.G	37
PSTAT-2448	proteomics_stat	1714284	1714313	-	4	3	V.HGEEGLQAAK.R	14
PSTAT-2449	proteomics_stat	1714284	1714319	-	4	15	R.LVHGEEGLQAAK.R	16
PSTAT-2450	proteomics_stat	1714284	1714322	-	4	3	T.RLVHGEEGLQAAK.R	17
PSTAT-2451	proteomics_stat	1714320	1714352	-	4	5	R.AQYVLAEQVTR.L	15
PSTAT-2452	proteomics_stat	1714362	1714427	-	4	2	K.FFTFMSIEEINALFEEEDKNSGK.A	26
PSTAT-2453	proteomics_stat	1714437	1714481	-	4	6	K.FYQFWINTADADVYR.F	19
PSTAT-2454	proteomics_stat	1714557	1714604	-	4	24	R.LHQNQVFGLTVPLITK.A	20
PSTAT-2455	proteomics_stat	1714557	1714607	-	4	11	R.RLHQNQVFGLTVPLITK.A	21
PSTAT-2456	proteomics_stat	1714932	1714976	-	4	4	K.LNTEETVQEWVDKIR.K	19
PSTAT-2457	proteomics_stat	1714932	1714979	-	4	15	R.KLNTEETVQEWVDKIR.K	20
PSTAT-2458	proteomics_stat	1714938	1714976	-	4	3	K.LNTEETVQEWVDK.I	17
PSTAT-2459	proteomics_stat	1714938	1714979	-	4	7	R.KLNTEETVQEWVDK.I	18
PSTAT-2460	proteomics_stat	1714992	1715066	-	4	32	R.FQQAGHKPVALVGGATGLIGDPSFK.A	29
PSTAT-2461	proteomics_stat	1714992	1715069	-	4	7	K.RFQQAGHKPVALVGGATGLIGDPSFK.A	30
PSTAT-2462	proteomics_stat	1715163	1715207	-	4	11	R.GLVAQVTDEEALAER.L	19
PSTAT-2463	proteomics_stat	1715441	1715485	-	6	3	R.VSLEQIEFWQGGEHR.L	19
PSTAT-2464	proteomics_stat	1715486	1715533	-	6	4	K.FQQGEVPLPSFWGGFR.V	20
PSTAT-2465	proteomics_stat	1715702	1715737	-	6	3	R.VSLLFPWHTLER.Q	16

PSTAT-2466	proteomics_stat	1715831	1715893	-	6	2	K.LADPTAMVVATVDEHGQPYQR.I	25
PSTAT-2467	proteomics_stat	1715990	1716028	-	6	3	M.SDNDELQQIAHLR.R	17
PSTAT-2468	proteomics_stat	1716757	1716816	-	5	2	L.AELTAVTISEQVLLSGGCER.L	24
PSTAT-2469	proteomics_stat	1716910	1716972	-	5	4	K.VILPLLQNMLSDPYFSQPAPK.S	25
PSTAT-2470	proteomics_stat	1717141	1717218	-	5	7	R.DIALGGQGAPLVPAFHHALLAHPTR.R	30
PSTAT-2471	proteomics_stat	1718417	1718452	-	6	3	K.LEHNIIEIQAKG.-	16
PSTAT-2472	proteomics_stat	1718420	1718452	-	6	8	K.LEHNIIEIQAK.G	15
PSTAT-2473	proteomics_stat	1718453	1718515	-	6	29	R.AEILHGISAEELEQLITLIAK.L	25
PSTAT-2474	proteomics_stat	1718522	1718563	-	6	3	K.AEPLISEMEAVINK.T	18
PSTAT-2475	proteomics_stat	1718654	1718686	-	6	2	K.AIGIEQPSLVR.T	15
PSTAT-2476	proteomics_stat	1718687	1718779	-	6	4	R.LKPLELTQTHWVTLHNIHQLPDQSQIQLAK.A	35
PSTAT-2477	proteomics_stat	1722182	1722253	-	6	10	K.ALMVHVGGDNMSDQPKPLGGGGER.Y	28
PSTAT-2478	proteomics_stat	1722254	1722277	-	6	4	K.SLDEIKDK.A	12
PSTAT-2479	proteomics_stat	1722254	1722283	-	6	2	R.LKSLDEIKDK.A	14
PSTAT-2480	proteomics_stat	1722284	1722310	-	6	3	K.ATDAVIAPR.L	13
PSTAT-2481	proteomics_stat	1722311	1722379	-	6	4	K.HEGPEGAGHLGDLPALVVNNDGK.A	27
PSTAT-2482	proteomics_stat	1722380	1722433	-	6	3	K.ASAAESAGGHLDPQNTGK.H	22
PSTAT-2483	proteomics_stat	1723048	1723134	-	5	2	F.TLATNQVEISPVHQPLLLDGTLDQLQQLR.V	33
PSTAT-2484	proteomics_stat	1723048	1723143	-	5	5	R.LPFTLATNQVEISPVHQPLLLDGTLDQLQQLR.V	36
PSTAT-2485	proteomics_stat	1723144	1723197	-	5	12	R.HFGVSNFTPAQFALLQSR.L	22
PSTAT-2486	proteomics_stat	1723333	1723383	-	5	7	R.EENVIGHYITDRDHIK.S	21
PSTAT-2487	proteomics_stat	1723348	1723383	-	5	2	R.EENVIGHYITDR.D	16
PSTAT-2488	proteomics_stat	1731781	1731807	-	5	2	K.YKSEEPDAE.-	13
PSTAT-2489	proteomics_stat	1731949	1731987	-	5	8	R.FAYVDILQNPDIR.A	17
PSTAT-2490	proteomics_stat	1731988	1732047	-	5	4	K.LPSCGFSAQAVQALAACGER.F	24
PSTAT-2491	proteomics_stat	1732060	1732095	-	5	5	R.QIAENPILLYMK.G	16
PSTAT-2492	proteomics_stat	1740676	1740729	-	5	5	R.VNIEIDPQTQAVVDTVER.V	22
PSTAT-2493	proteomics_stat	1740763	1740798	-	5	9	R.FCVHLIPETLER.T	16
PSTAT-2494	proteomics_stat	1740799	1740855	-	5	2	K.GFIGIDGISLTVGEVTPTR.F	23
PSTAT-2495	proteomics_stat	1740934	1740999	-	5	11	K.FSDEIGGHLMSGHIMTTAEVAK.I	26
PSTAT-2496	proteomics_stat	1741201	1741233	-	5	3	K.LVSIDEKPNFR.T	15
PSTAT-2497	proteomics_stat	1741234	1741266	-	5	4	S.MFTGIVQGTAK.L	15
PSTAT-2498	proteomics_stat	1743507	1743596	-	4	3	K.ASDTLLAGGTMNNLGGEDSDTIVENGSIYR.L	34
PSTAT-2499	proteomics_stat	1750838	1750915	-	6	2	R.CMTQMNIPRVKEFGVPSTGGNTCVAN.F	30
PSTAT-2500	proteomics_stat	1753130	1753153	-	6	3	R.TKEDELYR.E	12
PSTAT-2501	proteomics_stat	1755757	1755864	-	5	8	R.AGYPVSVSSGATPAASNAPSVESAQNGEPEQGNMLR.V	40
PSTAT-2502	proteomics_stat	1755757	1755867	-	5	3	R.RAGYPVSVSSGATPAASNAPSVESAQNGEPEQGNMLR.V	41
PSTAT-2503	proteomics_stat	1755907	1756008	-	5	3	R.YVEVHRPLSAEEQQNVQTMPYTLPAAGFTQFKDNK.A	38
PSTAT-2504	proteomics_stat	1755916	1756008	-	5	15	R.YVEVHRPLSAEEQQNVQTMPYTLPAAGFTQFK.D	35
PSTAT-2505	proteomics_stat	1756009	1756056	-	5	4	K.VINIEPVKYSVEPNGMR.Y	20
PSTAT-2506	proteomics_stat	1756138	1756203	-	5	24	R.LAHGNGEYLIHGTSAPDSVGLR.V	26
PSTAT-2507	proteomics_stat	1756216	1756269	-	5	3	R.GIKLPPVVPAAGPNNPLGR.Y	22
PSTAT-2508	proteomics_stat	1756288	1756326	-	5	5	K.IPNPTWTPTAGIR.Q	17
PSTAT-2509	proteomics_stat	1756339	1756431	-	5	9	R.LYYYPPGENIVQVYPIGIGLQGLETPVMETR.V	35
PSTAT-2510	proteomics_stat	1756465	1756518	-	5	4	K.PGTTITIPSQLLLPDAPR.Q	22
PSTAT-2511	proteomics_stat	1756465	1756581	-	5	10	R.RFDTAAMLILEANNTIAPVPKPGTTITIPSQLLLPDAPR.Q	43

PSTAT-2512	proteomics_stat	1756582	1756647	-	5	11	R.LVGQNQTYTVQEGDKNLQAIAR.R	26
PSTAT-2513	proteomics_stat	1756582	1756650	-	5	2	S.RLVGQNQTYTVQEGDKNLQAIAR.R	27
PSTAT-2514	proteomics_stat	1756603	1756647	-	5	2	R.LVGQNQTYTVQEGDK.N	19
PSTAT-2515	proteomics_stat	1757369	1757410	-	6	2	R.ASLAMYNTHEEVDR.L	18
PSTAT-2516	proteomics_stat	1757960	1758049	-	6	3	R.LLAITHVSNVLGTENPLAEMITLAHQHGAK.V	34
PSTAT-2517	proteomics_stat	1758056	1758121	-	6	2	R.VIPLNPDGTLQLETLPTLFDEK.T	26
PSTAT-2518	proteomics_stat	1758140	1758214	-	6	5	R.AGDNIIISQMEHHANIVPWQMLCAR.V	29
PSTAT-2519	proteomics_stat	1758344	1758379	-	6	8	R.GIHLSAQATEK.M	16
PSTAT-2520	proteomics_stat	1758799	1758840	-	5	2	K.TDGQMTNNLLMGK.L	18
PSTAT-2521	proteomics_stat	1758841	1758885	-	5	3	R.AVFNGLINVAQHAIK.T	19
PSTAT-2522	proteomics_stat	1759009	1759053	-	5	4	R.HNTSTQLNGENSTLR.I	19
PSTAT-2523	proteomics_stat	1759474	1759539	-	5	2	R.YVPALSDATEGSGYEVSIINDDR.Q	26
PSTAT-2524	proteomics_stat	1759594	1759665	-	5	7	K.YTPLEGLINSQFVSIAGEISPQQR.D	28
PSTAT-2525	proteomics_stat	1759702	1759740	-	5	7	R.SPQAQQHLQQLLR.T	17
PSTAT-2526	proteomics_stat	1759744	1759812	-	5	2	M.AGLPNSSNALQQWHHLFEAEGTK.R	27
PSTAT-2527	proteomics_stat	1759868	1759918	-	6	6	R.ILDYIKPDYVHVLYQGR.I	21
PSTAT-2528	proteomics_stat	1759919	1759948	-	6	2	R.SFIIVTHYQR.I	14
PSTAT-2529	proteomics_stat	1759991	1760083	-	6	3	K.KRNDILQMAVLEPELCILDES SGLDIDALK.V	35
PSTAT-2530	proteomics_stat	1760081	1760116	-	6	2	R.SVNVGFSGGEKK.R	16
PSTAT-2531	proteomics_stat	1760312	1760347	-	6	3	K.GKDLLALSPEDR.A	16
PSTAT-2532	proteomics_stat	1760417	1760482	-	6	5	R.GLSLDVHPGEVHAIMGPNGSGK.S	26
PSTAT-2533	proteomics_stat	1760495	1760521	-	6	3	K.DLHVSVEDK.A	13
PSTAT-2534	proteomics_stat	1760582	1760629	-	6	4	K.DVFSLEPLFAVEAQK.L	20
PSTAT-2535	proteomics_stat	1760717	1760758	-	6	7	R.NNSAQLEHEATTSR.I	18
PSTAT-2536	proteomics_stat	1761050	1761094	-	6	2	K.MSWTQSETGSAITWK.Y	19
PSTAT-2537	proteomics_stat	1762123	1762182	-	5	6	K.LFVPLQAMPFIDGTEVDFVR.E	24
PSTAT-2538	proteomics_stat	1762324	1762410	-	5	3	S.MDMHSGTFNPQDFAWQGLTLTPAAAIHIR.E	33
PSTAT-2539	proteomics_stat	1763291	1763326	-	6	8	R.HQVWQIEIFDEK.G	16
PSTAT-2540	proteomics_stat	1763384	1763419	-	6	3	K.VVGLEINANHVR.S	16
PSTAT-2541	proteomics_stat	1763522	1763575	-	6	3	R.FEHIGDDTLEATMPVDSR.T	22
PSTAT-2542	proteomics_stat	1763656	1763688	-	5	14	R.HPVQALLEIIK.-	15
PSTAT-2543	proteomics_stat	1763767	1763823	-	5	2	K.NHENSLGIYELSWHQAMQR.L	23
PSTAT-2544	proteomics_stat	1764223	1764267	-	5	4	K.LGFQPVLLPFSPNGK.A	19
PSTAT-2545	proteomics_stat	1764280	1764348	-	5	6	R.TVLVVQDPFTSYDAQVVADFVR.L	27
PSTAT-2546	proteomics_stat	1764355	1764405	-	5	3	R.SANMTLEQLESLNAEQK.A	21
PSTAT-2547	proteomics_stat	1764406	1764474	-	5	8	K.HIGMVDLPLLSVPSLQQQMVGHR.S	27
PSTAT-2548	proteomics_stat	1764490	1764525	-	5	2	K.TFNFFINQPLVR.K	16
PSTAT-2549	proteomics_stat	1764535	1764582	-	5	4	R.DHLVATVESYAPLMAR.A	20
PSTAT-2550	proteomics_stat	1764601	1764624	-	5	3	R.FLQLYHTR.Y	12
PSTAT-2551	proteomics_stat	1764709	1764759	-	5	3	R.NSWHANKGEYDFSHEVK.E	21
PSTAT-2552	proteomics_stat	1764781	1764837	-	5	4	R.GVDPLKLEQELPESGVSLR.T	23
PSTAT-2553	proteomics_stat	1765141	1765194	-	5	6	R.AEYSPAFFGEELFAELRK.V	22
PSTAT-2554	proteomics_stat	1765144	1765194	-	5	38	R.AEYSPAFFGEELFAELR.K	21
PSTAT-2555	proteomics_stat	1765204	1765236	-	5	2	K.YGGLLWGEHGK.G	15
PSTAT-2556	proteomics_stat	1765390	1765470	-	5	10	K.GAAKPIPAEDTCVPEHLADYIAEFR.A	31
PSTAT-2557	proteomics_stat	1765753	1765782	-	5	2	R.ALSVETVDSK.V	14

PSTAT-2558	proteomics_stat	1765885	1765932	-	5	2	R.ILTGSEGTlafitear.L	20
PSTAT-2559	proteomics_stat	1765933	1765974	-	5	5	R.HVFNDemTEFDLtr.I	18
PSTAT-2560	proteomics_stat	1766050	1766073	-	5	2	R.IYNTVYQR.C	12
PSTAT-2561	proteomics_stat	1766095	1766166	-	5	6	R.AVLLGGDILDtQPLPVELAETLgk.S	28
PSTAT-2562	proteomics_stat	1766167	1766193	-	5	4	K.TSDHVLGVR.A	13
PSTAT-2563	proteomics_stat	1766257	1766325	-	5	4	K.DQLNQYLKPFgyFFAPeLSTsnr.A	27
PSTAT-2564	proteomics_stat	1766257	1766346	-	5	6	R.VEAGVIKdQLNQYLKPFgyFFAPeLSTsnr.A	34
PSTAT-2565	proteomics_stat	1766395	1766457	-	5	2	R.GGGTGTNGqALnQGIIVdMSr.H	25
PSTAT-2566	proteomics_stat	1766503	1766532	-	5	2	R.STADVALIAR.L	14
PSTAT-2567	proteomics_stat	1766533	1766595	-	5	2	R.LTMSTdNSIYqLLPDaVVFPr.S	25
PSTAT-2568	proteomics_stat	1782920	1782943	-	6	2	K.ALLSMAIR.A	12
PSTAT-2569	proteomics_stat	1782944	1782994	-	6	3	R.DSGVVSElFDERNDaVk.A	21
PSTAT-2570	proteomics_stat	1783148	1783171	-	6	2	K.AVVEELAR.Q	12
PSTAT-2571	proteomics_stat	1783190	1783237	-	6	13	R.NDMGLTnVEIMIPFvR.T	20
PSTAT-2572	proteomics_stat	1783190	1783243	-	6	4	R.VRNDMGLTnVEIMIPFvR.T	22
PSTAT-2573	proteomics_stat	1783313	1783351	-	6	2	R.YEPDEENpMLGFR.G	17
PSTAT-2574	proteomics_stat	1783313	1783387	-	6	2	K.SNEyanLVGGERYEPDEENpMLGFR.G	29
PSTAT-2575	proteomics_stat	1783352	1783387	-	6	2	K.SNEyanLVGGER.Y	16
PSTAT-2576	proteomics_stat	1783418	1783462	-	6	6	R.LTEGIATLGAafYpK.R	19
PSTAT-2577	proteomics_stat	1783511	1783561	-	6	3	R.ALLEFDdQEPQLQNEIR.E	21
PSTAT-2578	proteomics_stat	1783583	1783603	-	6	2	R.LEFIINR.M	11
PSTAT-2579	proteomics_stat	1783604	1783651	-	6	6	R.AFDfaCLPNegVGLAR.L	20
PSTAT-2580	proteomics_stat	1783652	1783681	-	6	2	K.VMMNVGNpDR.A	14
PSTAT-2581	proteomics_stat	1783682	1783720	-	6	2	K.SSSVETMPDLpLk.V	17
PSTAT-2582	proteomics_stat	1783808	1783855	-	6	4	R.ELGIPAVVGCGDaTER.M	20
PSTAT-2583	proteomics_stat	1783892	1783915	-	6	3	K.ASAIVTNR.G	12
PSTAT-2584	proteomics_stat	1783919	1783981	-	6	5	R.IEPGDVLVTDmTDPDWEpIMk.K	25
PSTAT-2585	proteomics_stat	1783982	1784011	-	6	18	K.VIHDISEMNR.I	14
PSTAT-2586	proteomics_stat	1784114	1784146	-	6	2	L.FIVQARpETVR.S	15
PSTAT-2587	proteomics_stat	1784114	1784149	-	6	3	K.LFIVQARpETVR.S	16
PSTAT-2588	proteomics_stat	1784168	1784203	-	6	5	K.HYGRpMDIEWAK.D	16
PSTAT-2589	proteomics_stat	1784225	1784269	-	6	6	R.DIFSLTNEEVQELAK.Q	19
PSTAT-2590	proteomics_stat	1784270	1784296	-	6	2	K.IEDVPQEQR.D	13
PSTAT-2591	proteomics_stat	1784306	1784335	-	6	4	M.VYAPTQEHGK.Q	14
PSTAT-2592	proteomics_stat	1784306	1784338	-	6	6	R.MVYAPTQEHGK.Q	15
PSTAT-2593	proteomics_stat	1784555	1784584	-	6	2	R.GVALSAGVQR.M	14
PSTAT-2594	proteomics_stat	1784624	1784653	-	6	9	K.HVFASLFNDR.A	14
PSTAT-2595	proteomics_stat	1784756	1784809	-	6	10	R.EAYAQLSADDENaFAVR.S	22
PSTAT-2596	proteomics_stat	1784810	1784860	-	6	8	R.QWIIDTPFQPELENaIR.E	21
PSTAT-2597	proteomics_stat	1784879	1784932	-	6	5	R.IYELLDKTDIDDVTQLAK.A	22
PSTAT-2598	proteomics_stat	1785068	1785133	-	6	3	M.SNNGSSpLVlWYNQLGMNDVDR.V	26
PSTAT-2599	proteomics_stat	1788039	1788071	-	4	2	R.LQQDEVSDSER.Q	15
PSTAT-2600	proteomics_stat	1788285	1788380	-	4	3	R.LAQTLSPFVAVDALNEALDSYQqVLLThYGER.M	36
PSTAT-2601	proteomics_stat	1789182	1789244	-	4	2	R.WRDELpETYtALSPTPLnNAR.L	25
PSTAT-2602	proteomics_stat	1791687	1791728	-	4	4	R.APLYPDDILWNFEK.F	18
PSTAT-2603	proteomics_stat	1791687	1791734	-	4	5	K.GRAPLYPDDILWNFEK.F	20

PSTAT-2604	proteomics_stat	1791747	1791803	-	4	3	K.LIAAAPTAVAPEESGFYAR.M	23
PSTAT-2605	proteomics_stat	1791981	1792025	-	4	3	K.CGLTPQYEQLENIQK.A	19
PSTAT-2606	proteomics_stat	1792068	1792100	-	4	6	K.DIDGEVTTLEK.F	15
PSTAT-2607	proteomics_stat	1793280	1793306	-	4	2	R.VENASPKDE.-	13
PSTAT-2608	proteomics_stat	1793280	1793312	-	4	15	K.SRVENASPKDE.-	15
PSTAT-2609	proteomics_stat	1793349	1793378	-	4	7	K.TGEDIPITAR.R	14
PSTAT-2610	proteomics_stat	1793412	1793438	-	4	2	L.SGFGNFDLR.D	13
PSTAT-2611	proteomics_stat	1793412	1793441	-	4	3	K.LSGFGNFDLR.D	14
PSTAT-2612	proteomics_stat	1793442	1793468	-	4	4	R.ALENGEQVK.L	13
PSTAT-2613	proteomics_stat	1793442	1793471	-	4	10	R.RALENGEQVK.L	14
PSTAT-2614	proteomics_stat	1793469	1793504	-	4	6	K.ELVELFFEEIRR.A	16
PSTAT-2615	proteomics_stat	1793472	1793504	-	4	17	K.ELVELFFEEIR.R	15
PSTAT-2616	proteomics_stat	1793514	1793561	-	4	3	K.AEMSEYLFDKLGLSKR.D	20
PSTAT-2617	proteomics_stat	1793517	1793561	-	4	4	K.AEMSEYLFDKLGLSK.R	19
PSTAT-2618	proteomics_stat	1793532	1793561	-	4	5	K.AEMSEYLFDK.L	14
PSTAT-2619	proteomics_stat	1793629	1793667	-	5	5	R.TLEEEEAATVAK.C	17
PSTAT-2620	proteomics_stat	1793734	1793781	-	5	12	K.VGVNQVGVNLFDVYR.G	20
PSTAT-2621	proteomics_stat	1793734	1793784	-	5	8	K.KVGVNQVGVNLFDVYR.G	21
PSTAT-2622	proteomics_stat	1793782	1793844	-	5	2	R.DIAVVVAENVPAADILSECK.V	25
PSTAT-2623	proteomics_stat	1793785	1793844	-	5	7	R.DIAVVVAENVPAADILSECK.K	24
PSTAT-2624	proteomics_stat	1793956	1793994	-	5	6	R.IGFVGVVHPELER.K	17
PSTAT-2625	proteomics_stat	1793995	1794057	-	5	4	R.AEANPALHPGQSAAIYLGGER.I	25
PSTAT-2626	proteomics_stat	1794004	1794057	-	5	5	R.AEANPALHPGQSAAIYLG.G	22
PSTAT-2627	proteomics_stat	1794058	1794141	-	5	3	K.ETVDFYDLKGDLESVLDLTGKLNEVEFR.A	32
PSTAT-2628	proteomics_stat	1794079	1794141	-	5	6	K.ETVDFYDLKGDLESVLDLTGK.L	25
PSTAT-2629	proteomics_stat	1794142	1794168	-	5	2	R.YEEHWNLAK.E	13
PSTAT-2630	proteomics_stat	1794208	1794243	-	5	2	R.FVPDTQAPLGIR.Q	16
PSTAT-2631	proteomics_stat	1794334	1794411	-	5	4	K.VQQMIHPGVEALLPSPISVEMSAMR.L	30
PSTAT-2632	proteomics_stat	1794412	1794453	-	5	7	K.GYQEVITYSFVDPK.V	18
PSTAT-2633	proteomics_stat	1794412	1794471	-	5	8	K.TLLNDKGYQEVITYSFVDPK.V	24
PSTAT-2634	proteomics_stat	1794478	1794501	-	5	2	R.EADLSLKR.V	12
PSTAT-2635	proteomics_stat	1794502	1794546	-	5	10	I.PDEPVQASLIMGTHR.E	19
PSTAT-2636	proteomics_stat	1794502	1794567	-	5	9	R.VYGYNNIPDEPVQASLIMGTHR.E	26
PSTAT-2637	proteomics_stat	1794568	1794612	-	5	14	R.FDMEIEEDLVEEVAR.V	19
PSTAT-2638	proteomics_stat	1794613	1794672	-	5	3	R.LGCEVTEGKDEWQAVAPSWR.F	24
PSTAT-2639	proteomics_stat	1794676	1794723	-	5	28	R.LIGHHIADEQVTDILR.R	20
PSTAT-2640	proteomics_stat	1794676	1794726	-	5	4	D.RLIGHHIADEQVTDILR.R	21
PSTAT-2641	proteomics_stat	1794760	1794834	-	5	4	R.LLIDICGGEAGPVIDITNEATLPKR.A	29
PSTAT-2642	proteomics_stat	1794763	1794834	-	5	4	R.LLIDICGGEAGPVIDITNEATLPK.R	28
PSTAT-2643	proteomics_stat	1794931	1795041	-	5	6	K.ALAMGGIFGGEHSGVNDQNVLLLECAFFSPLSITGR.A	41
PSTAT-2644	proteomics_stat	1795042	1795080	-	5	12	K.LNADTLVIADHNK.A	17
PSTAT-2645	proteomics_stat	1795081	1795122	-	5	5	K.EGETLVLLDGTAK.L	18
PSTAT-2646	proteomics_stat	1795438	1795470	-	5	2	R.ADCLGIIGVAR.D	15
PSTAT-2647	proteomics_stat	1795471	1795512	-	5	8	K.LDDNTIEISVTPNR.A	18
PSTAT-2648	proteomics_stat	1795657	1795701	-	5	3	R.VAVATIGAVLPGDFK.I	19
PSTAT-2649	proteomics_stat	1796064	1796123	-	4	3	R.NVGIDPEVYSGFAFGMGMER.L	24

PSTAT-2650	proteomics_stat	1796124	1796171	-	4	6	K.WLEVLGCGMVHPNVLR.N	20
PSTAT-2651	proteomics_stat	1796181	1796240	-	4	10	R.FRPSYFPFTEPSAEVDVMGK.N	24
PSTAT-2652	proteomics_stat	1796241	1796270	-	4	2	R.NFFEEDLQIR.F	14
PSTAT-2653	proteomics_stat	1796271	1796294	-	4	3	K.GTLHDFLR.N	12
PSTAT-2654	proteomics_stat	1796439	1796465	-	4	3	R.TQTSGVQIR.T	13
PSTAT-2655	proteomics_stat	1796475	1796510	-	4	4	R.ADHDTFWFDTR.L	16
PSTAT-2656	proteomics_stat	1796628	1796708	-	4	2	R.LAAETIDVSLPGRRIENGGLHPVTRTI.D	31
PSTAT-2657	proteomics_stat	1796634	1796666	-	4	9	R.IENGGLHPVTR.T	15
PSTAT-2658	proteomics_stat	1796634	1796669	-	4	6	R.RIENGGLHPVTR.T	16
PSTAT-2659	proteomics_stat	1796670	1796708	-	4	2	R.LAAETIDVSLPGR.R	17
PSTAT-2660	proteomics_stat	1796709	1796744	-	4	18	R.KAELESAALNAR.L	16
PSTAT-2661	proteomics_stat	1796775	1796828	-	4	3	R.ELPPEERPAAGAVINEAK.E	22
PSTAT-2662	proteomics_stat	1796883	1796930	-	4	9	K.AAISQASDVAALDNVR.V	20
PSTAT-2663	proteomics_stat	1796931	1796963	-	4	13	M.SHLAELVASAK.A	15
PSTAT-2664	proteomics_stat	1797438	1797461	-	4	2	V.AFTALVEK.A	12
PSTAT-2665	proteomics_stat	1797438	1797464	-	4	5	K.VAFTALVEK.A	13
PSTAT-2666	proteomics_stat	1797438	1797494	-	4	31	K.ILADIAVFDKVAFTALVEK.A	23
PSTAT-2667	proteomics_stat	1797465	1797488	-	4	3	L.ADIAVFDK.V	12
PSTAT-2668	proteomics_stat	1797465	1797491	-	4	4	I.LADIAVFDK.V	13
PSTAT-2669	proteomics_stat	1797465	1797494	-	4	5	K.ILADIAVFDK.V	14
PSTAT-2670	proteomics_stat	1797465	1797497	-	4	8	R.KILADIAVFDK.V	15
PSTAT-2671	proteomics_stat	1797495	1797518	-	4	7	K.ASVEIDRK.I	12
PSTAT-2672	proteomics_stat	1797495	1797521	-	4	4	K.KASVEIDRK.I	13
PSTAT-2673	proteomics_stat	1797498	1797521	-	4	10	K.KASVEIDR.K	12
PSTAT-2674	proteomics_stat	1797630	1797650	-	4	3	K.AGQYAYR.D	11
PSTAT-2675	proteomics_stat	1797651	1797674	-	4	2	R.VAFQAVIK.A	12
PSTAT-2676	proteomics_stat	1797829	1797867	-	5	3	K.GDLGLVIACLPIA.-	17
PSTAT-2677	proteomics_stat	1798159	1798221	-	5	30	R.VKDDLQELAVVESFPTKIEGR.Q	25
PSTAT-2678	proteomics_stat	1798171	1798221	-	5	25	R.VKDDLQELAVVESFPTK.I	21
PSTAT-2679	proteomics_stat	1798222	1798263	-	5	11	R.EMAHQQIGMEVLNR.V	18
PSTAT-2680	proteomics_stat	1798288	1798314	-	5	5	R.FLEEGDKAK.I	13
PSTAT-2681	proteomics_stat	1798333	1798371	-	5	20	K.FRPGTDEGDYQVK.L	17
PSTAT-2682	proteomics_stat	1798465	1798527	-	5	5	K.AEEAGVDLVEISPNAEPPVCR.I	25
PSTAT-2683	proteomics_stat	1798465	1798542	-	5	2	R.EALEKAAEEAGVDLVEISPNAEPPVCR.I	30
PSTAT-2684	proteomics_stat	1798543	1798587	-	5	16	R.LTGLEGEQLGIVSLR.E	19
PSTAT-2685	proteomics_stat	1798714	1798752	-	5	10	K.DLGSMDEVNEVIEK.L	17
PSTAT-2686	proteomics_stat	1798714	1798758	-	5	6	R.GKDLGSMDEVNEVIEK.L	19
PSTAT-2687	proteomics_stat	1798780	1798818	-	5	7	Y.MLVCGDKEVESGK.V	17
PSTAT-2688	proteomics_stat	1798780	1798830	-	5	6	R.RVPYMLVCGDKEVESGK.V	21
PSTAT-2689	proteomics_stat	1799083	1799118	-	5	5	R.LSASYVGEDNER.K	16
PSTAT-2690	proteomics_stat	1799119	1799166	-	5	5	R.AWQCCTVQLDFSLPSR.L	20
PSTAT-2691	proteomics_stat	1799200	1799286	-	5	15	R.AEADLAVALEENNIPFEYQLGEGAFYGP.K.I	33
PSTAT-2692	proteomics_stat	1799287	1799313	-	5	2	R.IGSDEMWRD.A	13
PSTAT-2693	proteomics_stat	1799470	1799505	-	5	18	R.NEPSGSLHGLMR.V	16
PSTAT-2694	proteomics_stat	1799506	1799532	-	5	4	R.MAEFGSCHR.N	13
PSTAT-2695	proteomics_stat	1799557	1799598	-	5	3	M.NCPGHVQIFNQGLK.S	18

PSTAT-2696	proteomics_stat	1799557	1799619	-	5	4	R.EYCIKPMNCPGHVQIFNQGLK.S	25
PSTAT-2697	proteomics_stat	1799620	1799652	-	5	5	K.DAMFTTSSENR.E	15
PSTAT-2698	proteomics_stat	1799620	1799676	-	5	11	K.TGHWDNYKDAMFTTSSENR.E	23
PSTAT-2699	proteomics_stat	1799653	1799676	-	5	2	K.TGHWDNYK.D	12
PSTAT-2700	proteomics_stat	1799713	1799742	-	5	9	K.LKEYQYQEVK.G	14
PSTAT-2701	proteomics_stat	1799890	1799913	-	5	4	K.ALNAYLQR.L	12
PSTAT-2702	proteomics_stat	1799914	1799940	-	5	2	I.YGTAWADKK.A	13
PSTAT-2703	proteomics_stat	1799914	1799943	-	5	7	R.IYGTAWADKK.A	14
PSTAT-2704	proteomics_stat	1800046	1800096	-	5	5	H.DDKPGLYFHEEYVDMCR.G	21
PSTAT-2705	proteomics_stat	1800046	1800126	-	5	22	K.VSILDENIAHDDKPGLYFHEEYVDMCR.G	31
PSTAT-2706	proteomics_stat	1800127	1800159	-	5	7	R.ETFANRGESYK.V	15
PSTAT-2707	proteomics_stat	1800205	1800225	-	5	4	R.MHELAEK.N	11
PSTAT-2708	proteomics_stat	1800226	1800264	-	5	6	R.TLTQEDVEALEKR.M	17
PSTAT-2709	proteomics_stat	1800229	1800264	-	5	3	R.TLTQEDVEALEK.R	16
PSTAT-2710	proteomics_stat	1800265	1800318	-	5	2	M.AIGPVIDNGFYDVLDR.T	22
PSTAT-2711	proteomics_stat	1800265	1800321	-	5	16	K.MAIGPVIDNGFYDVLDR.T	23
PSTAT-2712	proteomics_stat	1800265	1800342	-	5	2	K.QLWPHTKMAIGPVIDNGFYDVLDR.T	30
PSTAT-2713	proteomics_stat	1800379	1800405	-	5	5	K.DEEGLEIIR.H	13
PSTAT-2714	proteomics_stat	1800379	1800477	-	5	17	R.VNGELVDACDLIENDAQLSIITAKDEEGLEIIR.H	37
PSTAT-2715	proteomics_stat	1800406	1800477	-	5	5	R.VNGELVDACDLIENDAQLSIITAK.D	28
PSTAT-2716	proteomics_stat	1800496	1800558	-	5	18	R.HYDHAVSPMDVALDIGPGLAK.A	25
PSTAT-2717	proteomics_stat	1800559	1800591	-	5	3	M.PVITLPDGSQR.H	15
PSTAT-2718	proteomics_stat	1806850	1806876	-	5	2	K.AKGEEGLTR.E	13
PSTAT-2719	proteomics_stat	1817776	1817841	-	5	3	R.EERCMMDLNIPDTQTEAELE.E	26
PSTAT-2720	proteomics_stat	1819386	1819436	-	4	4	R.LLPNKPVEIDSLLYGK.V	21
PSTAT-2721	proteomics_stat	1819945	1820043	-	5	4	K.AETYFVALDDTGHVINSGYQTCAEYDTPQAAK.-	37
PSTAT-2722	proteomics_stat	1820053	1820085	-	5	8	R.GTCQTYILGQR.D	15
PSTAT-2723	proteomics_stat	1820086	1820118	-	5	7	K.PSSEVSMIHAR.G	15
PSTAT-2724	proteomics_stat	1820086	1820145	-	5	34	R.AQVAQIAGKPSSEVSMIHAR.G	24
PSTAT-2725	proteomics_stat	1820170	1820196	-	5	8	K.DQFVQPVK.D	13
PSTAT-2726	proteomics_stat	1820170	1820202	-	5	10	R.TKDQFVQPVK.D	15
PSTAT-2727	proteomics_stat	1823275	1823313	-	5	2	R.KANMLAHMETQNK.I	17
PSTAT-2728	proteomics_stat	1823329	1823355	-	5	3	K.VKAEQIAK.M	13
PSTAT-2729	proteomics_stat	1823464	1823490	-	5	2	K.DLNLTDAQK.Q	13
PSTAT-2730	proteomics_stat	1827069	1827155	-	4	4	R.ETGQALSALEDLDGLLFTGSANTGYQLHR.Q	33
PSTAT-2731	proteomics_stat	1828082	1828162	-	6	2	K.HPIYTHFLSQEAQDVIGQVHPQTAPAR.A	31
PSTAT-2732	proteomics_stat	1828798	1828827	-	5	2	F.AAACEHFVSR.G	14
PSTAT-2733	proteomics_stat	1828798	1828830	-	5	5	R.FAAACEHFVSR.G	15
PSTAT-2734	proteomics_stat	1828831	1828884	-	5	6	R.FAPALNVSEEEVTTGLDR.F	22
PSTAT-2735	proteomics_stat	1828951	1829007	-	5	4	R.GLGLLIGCVLNADYAGQAK.Q	23
PSTAT-2736	proteomics_stat	1829080	1829124	-	5	2	K.VLELINTPEMLNGVK.Q	19
PSTAT-2737	proteomics_stat	1829125	1829193	-	5	4	R.VMTVGTHGTTYGGNPLASAVAGK.V	27
PSTAT-2738	proteomics_stat	1829194	1829250	-	5	6	K.ALGGGFPVGALLATEECAR.V	23
PSTAT-2739	proteomics_stat	1829251	1829313	-	5	4	R.TGELYAYMHYGVTPDLLTTAK.A	25
PSTAT-2740	proteomics_stat	1829314	1829361	-	5	18	R.HNALLIFDEVQTVGGR.T	20
PSTAT-2741	proteomics_stat	1829509	1829583	-	5	3	R.TLFTVSAGGQPAYSQDFAPLPADIR.H	29

PSTAT-2742	proteomics_stat	1829665	1829712	-	5	3	R.VFFCNSGAEANEALK.L	20
PSTAT-2743	proteomics_stat	1829713	1829742	-	5	2	K.KLIDATFADR.V	14
PSTAT-2744	proteomics_stat	1829752	1829796	-	5	7	K.FWHTGNGYTNEPVL.R	19
PSTAT-2745	proteomics_stat	1829797	1829823	-	5	3	R.EALNEQASK.F	13
PSTAT-2746	proteomics_stat	1829926	1829985	-	5	2	R.ENFDEWMIPVYAPAPFIPV.R	24
PSTAT-2747	proteomics_stat	1843164	1843223	-	4	2	R.YQDFMQPLVGTLYQLIDQAK.R	24
PSTAT-2748	proteomics_stat	1843320	1843346	-	4	2	R.YIHSTDAGK.A	13
PSTAT-2749	proteomics_stat	1845019	1845078	-	5	2	K.ATAAEFGIELTAIGELVPA.R	24
PSTAT-2750	proteomics_stat	1845079	1845153	-	5	11	R.DLLCDPQTSGGLLLAVMPEAENEVK.A	29
PSTAT-2751	proteomics_stat	1845163	1845204	-	5	7	R.NFASYGHLMGEMPR.E	18
PSTAT-2752	proteomics_stat	1845235	1845261	-	5	2	K.LPGVEEYIK.L	13
PSTAT-2753	proteomics_stat	1845262	1845285	-	5	3	R.VDYEAIPK.L	12
PSTAT-2754	proteomics_stat	1845286	1845363	-	5	8	K.AMTDVTGFGLLGHLSMCQAGVQAR.V	30
PSTAT-2755	proteomics_stat	1845364	1845408	-	5	4	R.MNIAGASFANIEGVK.A	19
PSTAT-2756	proteomics_stat	1845409	1845459	-	5	7	K.SLLKPEHQGLATEVMCR.M	21
PSTAT-2757	proteomics_stat	1845460	1845513	-	5	12	K.LFLTGPLGIVLTTAEKK.S	22
PSTAT-2758	proteomics_stat	1845463	1845513	-	5	5	K.LFLTGPLGIVLTTAEK.K	21
PSTAT-2759	proteomics_stat	1845550	1845642	-	5	5	R.QAGIALAGGHSIDAPEPIFGLAVTGIVPTER.V	35
PSTAT-2760	proteomics_stat	1845925	1845960	-	5	5	K.VLETILHSEQAK.F	16
PSTAT-2761	proteomics_stat	1845973	1846011	-	5	5	R.LTQYSHGAGCGCK.I	17
PSTAT-2762	proteomics_stat	1846203	1846253	-	4	14	R.EQDKIVGFLYLGTLPQLK.A	21
PSTAT-2763	proteomics_stat	1846272	1846304	-	4	2	R.SGALTESPVV.R	15
PSTAT-2764	proteomics_stat	1846467	1846529	-	4	3	R.FSAVLEQGAIAAGSDDKAIDK.A	25
PSTAT-2765	proteomics_stat	1846479	1846529	-	4	4	R.FSAVLEQGAIAAGSDDK.A	21
PSTAT-2766	proteomics_stat	1846536	1846580	-	4	15	K.SMQPWHFFVIEGEGR.E	19
PSTAT-2767	proteomics_stat	1846608	1846655	-	4	3	R.LAEPAPTGEQLQNILR.A	20
PSTAT-2768	proteomics_stat	1849150	1849203	-	5	2	R.FSSMNDSAEAVYAIVSVP.C	22
PSTAT-2769	proteomics_stat	1852726	1852764	-	5	3	R.DLEKLEDEGFLTR.T	17
PSTAT-2770	proteomics_stat	1853303	1853371	-	6	2	R.DNGIVVQVYSPLEQGLLTGTITR.D	27
PSTAT-2771	proteomics_stat	1860184	1860207	-	5	2	K.DLSHGMQR.I	12
PSTAT-2772	proteomics_stat	1860277	1860330	-	5	4	D.GVYHCLICDAPLFHSQTK.Y	22
PSTAT-2773	proteomics_stat	1860352	1860417	-	5	4	K.NLSEMQFYVTQNHGTEPPFTGR.L	26
PSTAT-2774	proteomics_stat	1860418	1860450	-	5	4	M.ANKPSAEELKK.N	15
PSTAT-2775	proteomics_stat	1863795	1863833	-	4	7	R.LSDEVTDSPMVDK.S	17
PSTAT-2776	proteomics_stat	1864377	1864421	-	4	3	K.FSLGAGVGVVEHPYK.D	19
PSTAT-2777	proteomics_stat	1866459	1866500	-	4	6	G.IRIAILLILNPEIR.V	18
PSTAT-2778	proteomics_stat	1886217	1886261	-	4	3	K.KDPSLTEESLVTFCR.R	19
PSTAT-2779	proteomics_stat	1886424	1886480	-	4	4	K.NGWLHTGDIAVMDEEGFLR.I	23
PSTAT-2780	proteomics_stat	1886481	1886540	-	4	2	K.GPQVMLGYWQRPDATDEIIK.N	24
PSTAT-2781	proteomics_stat	1886541	1886573	-	4	3	V.PPGQPGELCVK.G	15
PSTAT-2782	proteomics_stat	1886541	1886600	-	4	8	K.LVDDDDNEVPPGQPGELCVK.G	24
PSTAT-2783	proteomics_stat	1887021	1887083	-	4	6	R.NMLANLEQVNATYGPLLHPGK.E	25
PSTAT-2784	proteomics_stat	1887105	1887185	-	4	6	R.MQYVKPELVPEDLAFLQYTGTTGVAK.G	31
PSTAT-2785	proteomics_stat	1887291	1887317	-	4	2	R.MGDQLSTAK.G	13
PSTAT-2786	proteomics_stat	1887318	1887347	-	4	5	K.TAVQHVILTR.M	14
PSTAT-2787	proteomics_stat	1887318	1887359	-	4	2	K.VVDKTAVQHVILTR.M	18

PSTAT-2788	proteomics_stat	1887360	1887437	-	4	11	R.ELEHQLNDSGASAIIVSNFAHTLEK.V	30
PSTAT-2789	proteomics_stat	1887438	1887482	-	4	2	R.AGMIVVNVNPLYTPR.E	19
PSTAT-2790	proteomics_stat	1887666	1887746	-	4	2	R.YPADVPTEINPDYQSLVDMFEQSVAR.Y	31
PSTAT-2791	proteomics_stat	1887708	1887746	-	4	3	R.YPADVPTEINPDR.Y	17
PSTAT-2792	proteomics_stat	1888275	1888343	-	4	8	K.TRLEIATVPLDSGARPTLGEPSR.G	27
PSTAT-2793	proteomics_stat	1888344	1888373	-	4	2	K.VVAVQNNQGGK.T	14
PSTAT-2794	proteomics_stat	1888348	1888428	-	5	37	S.GDECAAAVRWSSGGTLWWQSGCGTKPAR.E	31
PSTAT-2795	proteomics_stat	1888386	1888427	-	4	2	R.VMSAPQLYVGQEAR.F	18
PSTAT-2796	proteomics_stat	1888635	1888673	-	4	4	K.TVAVEHAEPVYLR.N	17
PSTAT-2797	proteomics_stat	1888674	1888745	-	4	5	R.DGEVLLPAAEDMLPIACQMFAEGK.T	28
PSTAT-2798	proteomics_stat	1888836	1888904	-	4	2	R.DENGIWHGEETEAVLKPEIVHER.M	27
PSTAT-2799	proteomics_stat	1889076	1889102	-	4	2	R.GPGSFTGVR.I	13
PSTAT-2800	proteomics_stat	1889103	1889180	-	4	7	R.ILPMVQDILTTSGLTDINALAYGR.G	30
PSTAT-2801	proteomics_stat	1898170	1898286	-	5	2	K.GGTDLHALQQALDVEHLADDDDIATVAGLVISANGHIPR.V	43
PSTAT-2802	proteomics_stat	1899487	1899549	-	5	2	E.IVLGIDNLVFIAILADKLPPK.Q	25
PSTAT-2803	proteomics_stat	1904911	1904946	-	5	2	R.DPGDSAEMMQAR.R	16
PSTAT-2804	proteomics_stat	1904911	1904952	-	5	2	R.SRDPGDSAEMMQAR.R	18
PSTAT-2805	proteomics_stat	1905253	1905333	-	5	3	K.TLAEQNVFEFIQDGQKGA AVNVTAI.-	31
PSTAT-2806	proteomics_stat	1905283	1905333	-	5	59	K.TLAEQNVFEFIQDGQK.G	21
PSTAT-2807	proteomics_stat	1905334	1905378	-	5	44	K.DV FVHFSAIQNGGFK.T	19
PSTAT-2808	proteomics_stat	1905379	1905414	-	5	8	K.GFGFITPADGSK.D	16
PSTAT-2809	proteomics_stat	1907335	1907373	-	5	3	R.KISAQMGYHDYPF.-	17
PSTAT-2810	proteomics_stat	1907374	1907412	-	5	4	R.LQEYVAMLHTAAR.K	17
PSTAT-2811	proteomics_stat	1907503	1907550	-	5	10	R.EQGYGEDNEEQEGLR.C	20
PSTAT-2812	proteomics_stat	1907551	1907598	-	5	2	R.TITSTEALLPVLQVR.E	20
PSTAT-2813	proteomics_stat	1908070	1908120	-	5	4	M.ANADLDKQPDVSSVLK.V	21
PSTAT-2814	proteomics_stat	1909755	1909799	-	4	2	K.SLSELFMTHPPLDKR.I	19
PSTAT-2815	proteomics_stat	1909758	1909799	-	4	2	K.SLSELFMTHPPLDK.R	18
PSTAT-2816	proteomics_stat	1910265	1910339	-	4	2	R.QAGIAMPQVAIYHAPDINAFATGAR.R	29
PSTAT-2817	proteomics_stat	1910795	1910827	-	6	10	K.ARPAEQPAPVK.-	15
PSTAT-2818	proteomics_stat	1910837	1910899	-	6	11	K.DYQEPDPYLDETVNIALDLAK.L	25
PSTAT-2819	proteomics_stat	1911005	1911034	-	6	3	R.NIVSLNYAVR.E	14
PSTAT-2820	proteomics_stat	1911107	1911160	-	6	2	K.SGDLTAFPELLKEHNAR.I	22
PSTAT-2821	proteomics_stat	1911311	1911376	-	6	6	R.IYDQMLRPEWPALGVSQYTIQK.F	26
PSTAT-2822	proteomics_stat	1911443	1911496	-	6	6	R.FSASASEIFAAAMQDYGR.A	22
PSTAT-2823	proteomics_stat	1911524	1911565	-	6	2	K.VRESDTDGQVQFYK.G	18
PSTAT-2824	proteomics_stat	1911581	1911661	-	6	4	R.SNGGGALTEAVSLSGLFIPAGPIVQVR.D	31
PSTAT-2825	proteomics_stat	1911719	1911772	-	6	5	K.VGVLDIPGFYVGLTDDVK.V	22
PSTAT-2826	proteomics_stat	1911944	1911997	-	6	6	K.IVGVGQGTGKPMVDVIGWR.L	22
PSTAT-2827	proteomics_stat	1912181	1912237	-	6	8	R.LAQTNSDVFSLAMTAFAR.E	23
PSTAT-2828	proteomics_stat	1912307	1912333	-	6	3	K.VKFDELSLK.L	13
PSTAT-2829	proteomics_stat	1912391	1912462	-	6	2	R.QYALSVLEKPMDFGTGNDTYNLDR.S	28
PSTAT-2830	proteomics_stat	1912475	1912525	-	6	3	R.SGKLDVFDLYNLAQKR.R	21
PSTAT-2831	proteomics_stat	1912478	1912525	-	6	4	R.SGKLDVFDLYNLAQK.R	20
PSTAT-2832	proteomics_stat	1912556	1912621	-	6	7	R.YLNLLDYSHNVLLASDVEQFAK.K	26
PSTAT-2833	proteomics_stat	1912700	1912732	-	6	5	K.EETQHATVSR.V	15

PSTAT-2834	proteomics_stat	1912700	1912756	-	6	6	R.ADQIPVLKEETQHATVSR.V	23
PSTAT-2835	proteomics_stat	1912929	1912973	-	4	4	K.AGQNAMDATVLEITK.D	19
PSTAT-2836	proteomics_stat	1912980	1913039	-	4	3	R.EEQHTPVSDISALTVGQALK.V	24
PSTAT-2837	proteomics_stat	1912980	1913048	-	4	5	K.APREEQHTPVSDISALTVGQALK.V	27
PSTAT-2838	proteomics_stat	1913148	1913192	-	4	3	R.EAAATAGEKEDAPRR.E	19
PSTAT-2839	proteomics_stat	1913259	1913318	-	4	2	R.VDLGDNPCGELDEQHVEHAR.K	24
PSTAT-2840	proteomics_stat	1913319	1913351	-	4	6	R.YLYGVKPGATR.V	15
PSTAT-2841	proteomics_stat	1913499	1913525	-	4	2	K.EVIAFLAER.F	13
PSTAT-2842	proteomics_stat	1913679	1913705	-	4	4	K.VLATTDYKK.F	13
PSTAT-2843	proteomics_stat	1913706	1913729	-	4	2	R.QLVAQLEK.V	12
PSTAT-2844	proteomics_stat	1913730	1913759	-	4	3	R.FTDEDEQGLR.Q	14
PSTAT-2845	proteomics_stat	1913760	1913807	-	4	14	K.NQIIGVLDIDSTVFR.F	20
PSTAT-2846	proteomics_stat	1913808	1913891	-	4	3	R.IEDVHVFDGHIACDAASNSEIVLPLVVK.N	32
PSTAT-2847	proteomics_stat	1913907	1913933	-	4	2	R.GVCGTAVAR.N	13
PSTAT-2848	proteomics_stat	1914039	1914116	-	4	7	R.DFNALMAGETSFLATLANTSALLYER.L	30
PSTAT-2849	proteomics_stat	1914117	1914152	-	4	9	I.MNKTEFYADLNR.D	16
PSTAT-2850	proteomics_stat	1921434	1921493	-	4	5	K.TNAQPISVIQIDDPNNGEK.M	24
PSTAT-2851	proteomics_stat	1921512	1921583	-	4	2	R.PGNALYVINPSTLVQYPLNDIAQK.E	28
PSTAT-2852	proteomics_stat	1921512	1921589	-	4	3	T.CRPGNALYVINPSTLVQYPLNDIAQK.E	30
PSTAT-2853	proteomics_stat	1921623	1921643	-	4	3	R.FEVGKDK.W	11
PSTAT-2854	proteomics_stat	1921644	1921670	-	4	4	A.APQVITVSR.F	13
PSTAT-2855	proteomics_stat	1922652	1922735	-	4	13	K.QLIVPLADSLKPGTYTVDWHVVSVDGHK.T	32
PSTAT-2856	proteomics_stat	1928088	1928126	-	4	3	K.SADIHYQVSVDCCK.A	17
PSTAT-2857	proteomics_stat	1928166	1928222	-	4	2	K.IVGQADPVAVWSLQDIQGK.D	23
PSTAT-2858	proteomics_stat	1928268	1928312	-	4	3	K.CEDLDAAGIAASVKR.D	19
PSTAT-2859	proteomics_stat	1928610	1928681	-	4	2	K.MLDTADLLDTWLTNSPVQMEDEQR.E	28
PSTAT-2860	proteomics_stat	1930184	1930252	-	6	7	K.SVLCIGGSWLVPADALEAGDYDR.I	27
PSTAT-2861	proteomics_stat	1930271	1930309	-	6	3	R.FCPTGGISPANYR.D	17
PSTAT-2862	proteomics_stat	1930310	1930348	-	6	9	K.ALQAIAGPFSQVR.F	17
PSTAT-2863	proteomics_stat	1930391	1930444	-	6	3	I.PGISTVSELMLGMDYGLK.E	22
PSTAT-2864	proteomics_stat	1930391	1930474	-	6	76	K.AATEGTIPLIPGISTVSELMLGMDYGLK.E	32
PSTAT-2865	proteomics_stat	1930475	1930552	-	6	39	N.PQQLAEVTEAGAQFAISPGLTEPLLK.A	30
PSTAT-2866	proteomics_stat	1930475	1930594	-	6	90	K.EVPEAIVGAGTVLNPQQLAEVTEAGAQFAISPGLTEPLLK.A	44
PSTAT-2867	proteomics_stat	1930679	1930705	-	6	5	K.LEHAVPMAK.A	13
PSTAT-2868	proteomics_stat	1930679	1930708	-	6	8	K.KLEHAVPMAK.A	14
PSTAT-2869	proteomics_stat	1930709	1930765	-	6	8	K.TSAESILTTGPVVPVIVVK.K	23
PSTAT-2870	proteomics_stat	1931366	1931428	-	6	2	K.SLDSNVIASFEPFHHGGTK.V	25
PSTAT-2871	proteomics_stat	1931444	1931488	-	6	2	R.YTLEPWLNNGELDWR.E	19
PSTAT-2872	proteomics_stat	1932893	1932997	-	6	2	K.WVDSITEAWAMDNDAPKPYQAGTWGPVASVAMITR.D	39
PSTAT-2873	proteomics_stat	1932998	1933024	-	6	4	R.RDEVEEAWK.W	13
PSTAT-2874	proteomics_stat	1933025	1933048	-	6	3	R.GIQALFVR.R	12
PSTAT-2875	proteomics_stat	1933172	1933213	-	6	3	R.LQPDEGVDIQVLNK.V	18
PSTAT-2876	proteomics_stat	1933256	1933279	-	6	6	K.TPELNLFK.E	12
PSTAT-2877	proteomics_stat	1933379	1933411	-	6	4	K.SSNTETFVAIR.V	15
PSTAT-2878	proteomics_stat	1933379	1933450	-	6	3	K.KVPGYLEEEGANKSSNTETFVAIR.V	28
PSTAT-2879	proteomics_stat	1933412	1933450	-	6	15	K.KVPGYLEEEGANK.S	17

PSTAT-2880	proteomics_stat	1933451	1933483	-	6	4	R.GQYTAGFAQGK.K	15
PSTAT-2881	proteomics_stat	1933727	1933765	-	6	7	R.FANSLFVNNWDNR.T	17
PSTAT-2882	proteomics_stat	1933766	1933795	-	6	2	K.ETVLNLLALR.F	14
PSTAT-2883	proteomics_stat	1933766	1933816	-	6	2	R.IDHYLGKETVLNLLALR.F	21
PSTAT-2884	proteomics_stat	1933796	1933816	-	6	2	R.IDHYLGK.E	11
PSTAT-2885	proteomics_stat	1933817	1933912	-	6	2	R.VVMEKPLGTSLATSQEINDQVGEYFEQCQVYR.I	36
PSTAT-2886	proteomics_stat	1933952	1934005	-	6	4	R.ITINYFAMPPSTFGAICK.G	22
PSTAT-2887	proteomics_stat	1934012	1934035	-	6	2	R.LGAMLDQK.N	12
PSTAT-2888	proteomics_stat	1934036	1934080	-	6	2	L.DFCNLDVNDTAAFSR.L	19
PSTAT-2889	proteomics_stat	1934036	1934083	-	6	2	R.LDFCNLDVNDTAAFSR.L	20
PSTAT-2890	proteomics_stat	1934084	1934125	-	6	4	K.ETIDEGLWDTLSAR.L	18
PSTAT-2891	proteomics_stat	1934234	1934266	-	6	7	R.KLLPSLYQLEK.A	15
PSTAT-2892	proteomics_stat	1934285	1934335	-	6	7	M.AVTQTAQACDLVIFGAK.G	21
PSTAT-2893	proteomics_stat	1937381	1937446	-	6	2	R.LTIQVRPPMDDLLEADDHTIAR.R	26
PSTAT-2894	proteomics_stat	1937687	1937749	-	6	5	K.MAAMFHNQGNPVFDYVWNTVR.R	25
PSTAT-2895	proteomics_stat	1937750	1937821	-	6	2	K.VIFLVPHGWAVDIPAMLMASQGQK.M	28
PSTAT-2896	proteomics_stat	1938170	1938205	-	6	3	K.KNNSEYIPEFDK.S	16
PSTAT-2897	proteomics_stat	1939678	1939740	-	5	18	K.TSYSEFLSQLANQYASCLKG.-	25
PSTAT-2898	proteomics_stat	1939684	1939740	-	5	3	K.TSYSEFLSQLANQYASCLK.G	23
PSTAT-2899	proteomics_stat	1939750	1939782	-	5	2	M.GTLDPLGTNIK.L	15
PSTAT-2900	proteomics_stat	1939750	1939785	-	5	21	R.MGTLDPLGTNIK.L	16
PSTAT-2901	proteomics_stat	1939801	1939827	-	5	6	R.PAVVESVAR.G	13
PSTAT-2902	proteomics_stat	1939801	1939833	-	5	2	Q.FRPAVVESVAR.G	15
PSTAT-2903	proteomics_stat	1939801	1939860	-	5	3	K.ATCVFAEPQFRPAVVESVAR.G	24
PSTAT-2904	proteomics_stat	1939828	1939860	-	5	2	K.ATCVFAEPQFR.P	15
PSTAT-2905	proteomics_stat	1939861	1939881	-	5	9	R.TQLVEQK.A	11
PSTAT-2906	proteomics_stat	1939897	1939959	-	5	2	Q.FGLTPLGHFTVNPEIQPGAQR.L	25
PSTAT-2907	proteomics_stat	1939897	1939962	-	5	30	K.QFGLTPLGHFTVNPEIQPGAQR.L	26
PSTAT-2908	proteomics_stat	1939963	1939998	-	5	6	Y.FVFHDAYGYFEK.Q	16
PSTAT-2909	proteomics_stat	1939963	1940001	-	5	2	G.YFVFHDAYGYFEK.Q	17
PSTAT-2910	proteomics_stat	1939963	1940004	-	5	106	K.GYFVFHDAYGYFEK.Q	18
PSTAT-2911	proteomics_stat	1940005	1940073	-	5	7	K.DFEAQLASTETQVGNELAPLKGK.G	27
PSTAT-2912	proteomics_stat	1940005	1940079	-	5	2	N.LKDFEAQLASTETQVGNELAPLKGK.G	29
PSTAT-2913	proteomics_stat	1940005	1940091	-	5	5	K.LDANLKDFEAQLASTETQVGNELAPLKGK.G	33
PSTAT-2914	proteomics_stat	1940005	1940097	-	5	43	R.AKLDANLKDFEAQLASTETQVGNELAPLKGK.G	35
PSTAT-2915	proteomics_stat	1940011	1940073	-	5	8	K.DFEAQLASTETQVGNELAPLKGK.G	25
PSTAT-2916	proteomics_stat	1940011	1940091	-	5	18	K.LDANLKDFEAQLASTETQVGNELAPLKGK.G	31
PSTAT-2917	proteomics_stat	1940011	1940097	-	5	98	R.AKLDANLKDFEAQLASTETQVGNELAPLKGK.G	33
PSTAT-2918	proteomics_stat	1940098	1940124	-	5	2	K.LVELMPQSR.A	13
PSTAT-2919	proteomics_stat	1940125	1940151	-	5	24	R.ATAVAIHGK.L	13
PSTAT-2920	proteomics_stat	1940152	1940217	-	5	5	K.SDEDHHHGDFNMHLWLSPEIAR.A	26
PSTAT-2921	proteomics_stat	1940218	1940259	-	5	24	K.SIHGDDDDHDHAEK.S	18
PSTAT-2922	proteomics_stat	1940260	1940307	-	5	17	K.QVTIAQLEDVKPLLMK.S	20
PSTAT-2923	proteomics_stat	1940260	1940310	-	5	2	A.KQVTIAQLEDVKPLLMK.S	21
PSTAT-2924	proteomics_stat	1940323	1940364	-	5	2	V.GPEMEAFMQKPVSK.L	18
PSTAT-2925	proteomics_stat	1940323	1940367	-	5	3	W.VGPEMEAFMQKPVSK.L	19

PSTAT-2926	proteomics_stat	1940323	1940370	-	5	2	V.WVGPMEAFMQKPVSK.L	20
PSTAT-2927	proteomics_stat	1940323	1940373	-	5	3	V.WVGPMEAFMQKPVSK.L	21
PSTAT-2928	proteomics_stat	1940323	1940394	-	5	53	R.LQNADLVVVWVGPMEAFMQKPVSK.L	28
PSTAT-2929	proteomics_stat	1940323	1940397	-	5	16	K.RLQNADLVVVWVGPMEAFMQKPVSK.L	29
PSTAT-2930	proteomics_stat	1940395	1940529	-	5	6	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVKR.L	49
PSTAT-2931	proteomics_stat	1940398	1940448	-	5	3	L.PDGASEHDYSLRPSDVK.R	21
PSTAT-2932	proteomics_stat	1940398	1940478	-	5	2	A.DGVTETEVLLPDGASEHDYSLRPSDVK.R	31
PSTAT-2933	proteomics_stat	1940398	1940529	-	5	28	A.AVVASLKPVGFIASAIADGVTETEVLLPDGASEHDYSLRPSDVK.R	48
PSTAT-2934	proteomics_stat	1943129	1943176	-	6	2	K.TTLANIVANEMGVNLR.T	20
PSTAT-2935	proteomics_stat	1943177	1943233	-	6	4	K.LRGDALDHLLIFGPPGLGK.T	23
PSTAT-2936	proteomics_stat	1943318	1943362	-	6	2	R.LISAGTTLPEADVADR.A	19
PSTAT-2937	proteomics_stat	1943413	1943451	-	5	4	K.IARPDASSETLIR.E	17
PSTAT-2938	proteomics_stat	1945438	1945521	-	5	6	R.LIDMLEDCDDVQEVYHNGEISDEVAATL.-	32
PSTAT-2939	proteomics_stat	1945531	1945560	-	5	8	K.ADMAETAPK.L	14
PSTAT-2940	proteomics_stat	1945561	1945599	-	5	6	K.ADSAEVSMIPSTK.A	17
PSTAT-2941	proteomics_stat	1945561	1945632	-	5	5	K.VRDALEAAGLKADSAEVSMIPSTK.A	28
PSTAT-2942	proteomics_stat	1945600	1945626	-	5	4	R.DALEAAGLK.A	13
PSTAT-2943	proteomics_stat	1945600	1945632	-	5	3	K.VRDALEAAGLK.A	15
PSTAT-2944	proteomics_stat	1945768	1945818	-	5	3	K.CGGNLGTDGVSAYLFSK.K	21
PSTAT-2945	proteomics_stat	1946032	1946064	-	5	4	K.LGGGDPDANPR.L	15
PSTAT-2946	proteomics_stat	1946792	1946878	-	6	37	K.TTAAACLMTTEAPSFANPTALAELSIQVVK.K	33
PSTAT-2947	proteomics_stat	1946879	1946935	-	6	3	R.LTMLLTGTDNIRDVIAFPK.T	23
PSTAT-2948	proteomics_stat	1946936	1946980	-	6	20	K.YGTPPHAGLAFGLDR.L	19
PSTAT-2949	proteomics_stat	1947008	1947079	-	6	2	R.IHNGDMQQTVFGILGINEEEQREK.F	28
PSTAT-2950	proteomics_stat	1947014	1947079	-	6	27	R.IHNGDMQQTVFGILGINEEEQR.E	26
PSTAT-2951	proteomics_stat	1947080	1947157	-	6	9	K.AAPENAVANAYDMVINGYEVGGGSRV.I	30
PSTAT-2952	proteomics_stat	1947275	1947301	-	6	8	K.DLGLTDESK.W	13
PSTAT-2953	proteomics_stat	1947275	1947310	-	6	2	K.VGKDLGLTDESK.W	16
PSTAT-2954	proteomics_stat	1947317	1947346	-	6	2	K.IVADAMGALR.L	14
PSTAT-2955	proteomics_stat	1947347	1947397	-	6	3	R.TAAQDGDMMIFFGADNKK.I	21
PSTAT-2956	proteomics_stat	1947398	1947436	-	6	20	K.FLNAEIIEDILDR.T	17
PSTAT-2957	proteomics_stat	1947437	1947469	-	6	4	K.GLEGINSPPVAK.F	15
PSTAT-2958	proteomics_stat	1947437	1947475	-	6	6	R.AKGLEGINSPPVAK.F	17
PSTAT-2959	proteomics_stat	1947521	1947553	-	6	7	R.KQIDEYGNFVK.I	15
PSTAT-2960	proteomics_stat	1947602	1947646	-	6	5	K.SVEFAVFAGPANDPK.G	19
PSTAT-2961	proteomics_stat	1947647	1947685	-	6	8	R.NPMELTDVADLLK.S	17
PSTAT-2962	proteomics_stat	1947686	1947712	-	6	8	R.YGSDKPDLR.N	13
PSTAT-2963	proteomics_stat	1947716	1947766	-	6	5	K.GVDLGDFFVMTFAEAEER.R	21
PSTAT-2964	proteomics_stat	1947788	1947811	-	6	3	R.EVMEALVR.H	12
PSTAT-2965	proteomics_stat	1947812	1947880	-	6	2	R.ADRQPEFTQIDVETSFMTAPQVR.E	27
PSTAT-2966	proteomics_stat	1947923	1947952	-	6	2	K.QLLMMSGFDR.Y	14
PSTAT-2967	proteomics_stat	1947953	1947988	-	6	3	K.FYALPQSPQLFK.Q	16
PSTAT-2968	proteomics_stat	1947953	1947994	-	6	6	K.GKFYALPQSPQLFK.Q	18
PSTAT-2969	proteomics_stat	1948046	1948096	-	6	11	R.FMDDHGFLDIETPMLTK.A	21
PSTAT-2970	proteomics_stat	1948046	1948099	-	6	7	R.RFMDDHGFLDIETPMLTK.A	22
PSTAT-2971	proteomics_stat	1948184	1948234	-	6	3	R.ADVLPDLSNHVNTEEAR.L	21

PSTAT-2972	proteomics_stat	1948373	1948429	-	6	2	R.DREGIVQVFFDPDRADALK.L	23
PSTAT-2973	proteomics_stat	1948469	1948516	-	6	6	R.LSHVGQQVTLCGWVNR.R	20
PSTAT-2974	proteomics_stat	1948517	1948540	-	6	2	R.TEYCGQLR.L	12
PSTAT-2975	proteomics_stat	1956667	1956750	-	5	4	R.AENLHHFLDAGVLEVHSSAGAWQASPMR.Y	32
PSTAT-2976	proteomics_stat	1956751	1956786	-	5	2	R.DAPIIMAGAGVR.A	16
PSTAT-2977	proteomics_stat	1965105	1965185	-	4	3	K.ENIAAAQAGASGYVVKPFTAATLEEK.L	31
PSTAT-2978	proteomics_stat	1965105	1965188	-	4	5	K.KENIAAAQAGASGYVVKPFTAATLEEK.L	32
PSTAT-2979	proteomics_stat	1965327	1965383	-	4	2	K.ELGFNNVEEAEDGVDALNK.L	23
PSTAT-2980	proteomics_stat	1969096	1969173	-	5	3	R.LAASPLTNKPQTPSRPASEQPPAQPR.L	30
PSTAT-2981	proteomics_stat	1969318	1969368	-	5	3	R.VTDIMGEIASASDEQSR.G	21
PSTAT-2982	proteomics_stat	1969318	1969368	-	5	3	R.VTDIMGEIASASDEQSR.G	21
PSTAT-2983	proteomics_stat	1969369	1969440	-	5	3	R.VDTGSLVLESAGETMNNIVNAVTR.V	28
PSTAT-2984	proteomics_stat	1969558	1969641	-	5	2	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PSTAT-2985	proteomics_stat	1969558	1969641	-	5	2	K.IADIISVIDGIAFQTNILALNAAVEAAR.A	32
PSTAT-2986	proteomics_stat	1969696	1969749	-	5	3	R.QASQLAQSASDTAQHGGK.V	22
PSTAT-2987	proteomics_stat	1969840	1969875	-	5	2	R.EIAAGNTDLSSR.T	16
PSTAT-2988	proteomics_stat	1969876	1969908	-	5	2	R.EGSDAIYAGTR.E	15
PSTAT-2989	proteomics_stat	1971337	1971360	-	5	2	M.TGMTNVTK.L	12
PSTAT-2990	proteomics_stat	1978281	1978325	-	4	3	K.NDINHWWQECFISDLK.Q	19
PSTAT-2991	proteomics_stat	1978326	1978355	-	4	3	R.HAEMLDVIVK.N	14
PSTAT-2992	proteomics_stat	1978392	1978529	-	4	14	K.EYVAAQDPANPGVLVLSQFAGAANELTSALIVNPYDRDEVAALDR.A	50
PSTAT-2993	proteomics_stat	1978611	1978664	-	4	3	K.YGQLGWTPLYLNQHFDK.K	22
PSTAT-2994	proteomics_stat	1978677	1978703	-	4	6	R.HQLENEAGR.I	13
PSTAT-2995	proteomics_stat	1978848	1978877	-	4	2	K.NVQNIQSVER.L	14
PSTAT-2996	proteomics_stat	1979472	1979537	-	4	2	K.AAGGLWFGWSGETGNEDQPLKK.V	26
PSTAT-2997	proteomics_stat	1979538	1979606	-	4	6	R.IAPPDEHAASAGGLAVGILGALK.A	27
PSTAT-2998	proteomics_stat	1980154	1980225	-	5	2	R.SMVELDALAKPYRFPLAGVHGAER.R	28
PSTAT-2999	proteomics_stat	1981526	1981561	-	6	2	M.SSVSTSGSGAPK.S	16
PSTAT-3000	proteomics_stat	1983181	1983210	-	5	5	R.DNFKEELEKK.G	14
PSTAT-3001	proteomics_stat	1983298	1983357	-	5	3	K.AQATGFYGSLLPSPDVHGYK.S	24
PSTAT-3002	proteomics_stat	1983358	1983417	-	5	6	K.AADIIGINGVDVAVSELSK.A	24
PSTAT-3003	proteomics_stat	1983442	1983492	-	5	8	K.HWLIVGMNDSTVLGGVR.A	21
PSTAT-3004	proteomics_stat	1983637	1983684	-	5	5	K.ESAVMAITANELDTAR.R	20
PSTAT-3005	proteomics_stat	1983748	1983795	-	5	5	K.GKPMDTVPLVMMMAATK.I	20
PSTAT-3006	proteomics_stat	1985594	1985644	-	6	3	K.NIDFTNHPPAAADPVTMR.A	21
PSTAT-3007	proteomics_stat	1985669	1985713	-	6	3	K.QILDVLDVIAPVEVR.E	19
PSTAT-3008	proteomics_stat	1989128	1989169	-	6	2	K.MSPEAFEEESVDAIR.L	18
PSTAT-3009	proteomics_stat	1989332	1989376	-	6	2	R.LNEFPEQFEPLFGLR.E	19
PSTAT-3010	proteomics_stat	1989584	1989637	-	6	7	K.TGPLNESELEWLDLITK.Y	22
PSTAT-3011	proteomics_stat	1991129	1991224	-	6	2	R.KAGLETFFEPGEGFSLPPDSPALHVIQHIR.D	36
PSTAT-3012	proteomics_stat	1995275	1995367	-	6	5	R.ALAMRPEVILFDEPTSAIDPELVGEVLTNIR.Q	35
PSTAT-3013	proteomics_stat	1995497	1995538	-	6	2	R.TVLENIIEGPVIVK.G	18
PSTAT-3014	proteomics_stat	1995626	1995697	-	6	3	R.SINLLEQPEAGTITVGDITIDTAR.S	28
PSTAT-3015	proteomics_stat	1996521	1996595	-	4	12	R.FKDEGPILFIHTGGAPALFAYHPHV.-	29
PSTAT-3016	proteomics_stat	1996785	1996814	-	4	2	K.VVNLQQAIK.E	14
PSTAT-3017	proteomics_stat	1997157	1997234	-	4	13	K.LGLHCVALLENPIGTTAENYLTNGNR.L	30

PSTAT-3018	proteomics_stat	1997259	1997312	-	4	4	R.EGADTLITAGAIQSNHVR.Q	22
PSTAT-3019	proteomics_stat	1997313	1997345	-	4	8	R.KLEFLAADALR.E	15
PSTAT-3020	proteomics_stat	1997352	1997387	-	4	4	R.DDVTPMAMGGNK.L	16
PSTAT-3021	proteomics_stat	1997352	1997390	-	4	2	K.RDDVTPMAMGGNK.L	17
PSTAT-3022	proteomics_stat	1997427	1997471	-	4	6	R.LEFIGAPTPLEYLPR.F	19
PSTAT-3023	proteomics_stat	1997636	1997665	-	6	9	K.DGTLQALSEK.W	14
PSTAT-3024	proteomics_stat	1997666	1997698	-	6	4	K.AVNDAIAEMQK.D	15
PSTAT-3025	proteomics_stat	1997699	1997722	-	6	4	R.KGNEDLLK.A	12
PSTAT-3026	proteomics_stat	1997747	1997791	-	6	6	K.KTNDTLAVTGEAFSR.Q	19
PSTAT-3027	proteomics_stat	1997792	1997815	-	6	2	R.LAALDLVK.K	12
PSTAT-3028	proteomics_stat	1997888	1997914	-	6	2	R.QNVQGV DVR.T	13
PSTAT-3029	proteomics_stat	1997915	1997959	-	6	5	K.KVGVGLGTNYEEWLR.Q	19
PSTAT-3030	proteomics_stat	1998008	1998058	-	6	3	K.YDFSTPYTISGIQALVK.K	21
PSTAT-3031	proteomics_stat	1998008	1998061	-	6	7	K.KYDFSTPYTISGIQALVK.K	22
PSTAT-3032	proteomics_stat	1998068	1998112	-	6	7	K.RIDVVINQVTISDER.K	19
PSTAT-3033	proteomics_stat	1998146	1998181	-	6	7	K.HLGVEASLKPTK.W	16
PSTAT-3034	proteomics_stat	1998182	1998223	-	6	2	K.LTGFEVEFAQQ LAK.H	18
PSTAT-3035	proteomics_stat	2005704	2005769	-	4	2	R.VDRPTAECAAALDKAPLPTPLP.-	26
PSTAT-3036	proteomics_stat	2005728	2005769	-	4	2	R.VDRPTAECAAALDK.A	18
PSTAT-3037	proteomics_stat	2005770	2005811	-	4	8	R.DGNTIEYDGMTMER.V	18
PSTAT-3038	proteomics_stat	2005812	2005832	-	4	4	R.ELYEVER.D	11
PSTAT-3039	proteomics_stat	2005833	2005877	-	4	3	K.LTLM SDDL TNVTVKR.E	19
PSTAT-3040	proteomics_stat	2005836	2005877	-	4	3	K.LTLM SDDL TNVTVK.R	18
PSTAT-3041	proteomics_stat	2005992	2006033	-	4	3	K.TPAPDWLAGYWQTK.G	18
PSTAT-3042	proteomics_stat	2024688	2024717	-	4	5	K.RLMTALVIRR.A	14
PSTAT-3043	proteomics_stat	2025400	2025447	-	5	2	R.YYGYVTQPWFIGHSQR.E	20
PSTAT-3044	proteomics_stat	2027235	2027297	-	4	3	K.KTAGVLGDDL SLNAQQVSGVR.A	25
PSTAT-3045	proteomics_stat	2029208	2029234	-	6	2	K.DGAEILIDR.G	13
PSTAT-3046	proteomics_stat	2033635	2033688	-	5	3	K.FSLLSNVVASGFNDFRPL.S	22
PSTAT-3047	proteomics_stat	2060487	2060522	-	4	3	R.AFINGQEV DVNR.A	16
PSTAT-3048	proteomics_stat	2060556	2060582	-	4	5	R.NRAEYESDR.K	13
PSTAT-3049	proteomics_stat	2060742	2060786	-	4	2	L.YAIHGTNANFGIGLR.V	19
PSTAT-3050	proteomics_stat	2060742	2060786	-	4	2	L.YAIHGTNANFGIGLR.V	19
PSTAT-3051	proteomics_stat	2060742	2060789	-	4	15	R.LYAIHGTNANFGIGLR.V	20
PSTAT-3052	proteomics_stat	2060742	2060789	-	4	15	R.LYAIHGTNANFGIGLR.V	20
PSTAT-3053	proteomics_stat	2060790	2060840	-	4	2	V.PAGPDNPMGLYAIYIGR.L	21
PSTAT-3054	proteomics_stat	2060790	2060867	-	4	6	K.RGESLPAFVPAGPDNPMGLYAIYIGR.L	30
PSTAT-3055	proteomics_stat	2060883	2060924	-	4	4	R.KQEAPTWTPTPNTR.R	18
PSTAT-3056	proteomics_stat	2060961	2061029	-	4	3	R.LYYP PDSNTVEVFP IIGQAGR.E	27
PSTAT-3057	proteomics_stat	2061063	2061116	-	4	2	K.SGSQ LTI PQQL ILPD TVR.K	22
PSTAT-3058	proteomics_stat	2061117	2061251	-	4	2	R.LVGQSFTVTVPDHNTQPLETFAAQYGQGLSNMLEANPGADVFLPK.S	49
PSTAT-3059	proteomics_stat	2061547	2061597	-	5	2	R.IALSHLGLPEYLNMEMR.L	21
PSTAT-3060	proteomics_stat	2077140	2077160	-	4	2	R.VDDYI I K.N	11
PSTAT-3061	proteomics_stat	2077140	2077178	-	4	4	K.GDYEDRVDDYI I K.N	17
PSTAT-3062	proteomics_stat	2077179	2077262	-	4	276	R.VLLLDNLSDYIKPGMSVEAIQGIIASMK.G	32
PSTAT-3063	proteomics_stat	2077179	2077298	-	4	3	Q.DVEKKIRD NQKRVLLLDNLSDYIKPGMSVEAIQGIIASMK.G	44

PSTAT-3064	proteomics_stat	2077284	2077307	-	4	4	R.EIQDVEKK.I	12
PSTAT-3065	proteomics_stat	2077287	2077307	-	4	5	R.EIQDVEK.K	11
PSTAT-3066	proteomics_stat	2077338	2077382	-	4	3	M.ETTKPSFQDVLEFVR.L	19
PSTAT-3067	proteomics_stat	2077338	2077385	-	4	32	K.METTKPSFQDVLEFVR.L	20
PSTAT-3068	proteomics_stat	2077338	2077388	-	4	3	I.KMETTKPSFQDVLEFVR.L	21
PSTAT-3069	proteomics_stat	2079101	2079151	-	6	3	K.EWVAVYYDNPDETPAEK.L	21
PSTAT-3070	proteomics_stat	2079206	2079253	-	6	6	R.TVAGFHLVGPWEQTVK.K	20
PSTAT-3071	proteomics_stat	2079257	2079286	-	6	2	V.MNYEIKQEEK.R	14
PSTAT-3072	proteomics_stat	2086493	2086537	-	6	4	K.GGHIYNICAPAHPAR.N	19
PSTAT-3073	proteomics_stat	2086538	2086624	-	6	9	K.TAPDGEHGVNLVHLEDVIGAITLLLQAPK.G	33
PSTAT-3074	proteomics_stat	2086652	2086678	-	6	2	R.LAGLVGPGR.H	13
PSTAT-3075	proteomics_stat	2086781	2086834	-	6	2	R.IIFTSSTSVMYQDAQGTVK.E	22
PSTAT-3076	proteomics_stat	2086844	2086912	-	6	19	R.SGPGDEFYLAQVQELVDSALAH.R	27
PSTAT-3077	proteomics_stat	2086844	2086915	-	6	3	R.RSGPGDEFYLAQVQELVDSALAH.R	28
PSTAT-3078	proteomics_stat	2086847	2086912	-	6	2	R.SGPGDEFYLAQVQELVDSALAH.R	26
PSTAT-3079	proteomics_stat	2086916	2086999	-	6	5	R.MEPELVCDSDLDALMDADALVITLPAR.R	32
PSTAT-3080	proteomics_stat	2087030	2087059	-	6	2	K.TTQDGVAAAR.M	14
PSTAT-3081	proteomics_stat	2087060	2087083	-	6	2	R.GWQVTGSK.T	12
PSTAT-3082	proteomics_stat	2087084	2087143	-	6	5	K.VAIVGLGWLGMPLAMSLSAR.G	24
PSTAT-3083	proteomics_stat	2095489	2095518	-	5	3	K.VDDLDIHAYR.Y	14
PSTAT-3084	proteomics_stat	2095489	2095548	-	5	12	R.QNLLDIESLKVDDLDIHAYR.Y	24
PSTAT-3085	proteomics_stat	2095549	2095599	-	5	3	K.HEATRPLVFSNYYQTR.Q	21
PSTAT-3086	proteomics_stat	2095600	2095701	-	5	2	N.QAQVTKPQIQQTGEDITQDTLFLLGSEALESMIK.H	38
PSTAT-3087	proteomics_stat	2095600	2095731	-	5	8	R.QIQEALQYANQAQVTKPQIQQTGEDITQDTLFLLGSEALESMIK.H	48
PSTAT-3088	proteomics_stat	2095747	2095776	-	5	10	R.TQEVVAQEQA.D	14
PSTAT-3089	proteomics_stat	2095801	2095830	-	5	3	K.DLKDNIALGR.K	14
PSTAT-3090	proteomics_stat	2095801	2095884	-	5	4	K.LAQYIQVDDKVNQELEKDLKDNIALGR.K	32
PSTAT-3091	proteomics_stat	2095822	2095884	-	5	2	K.LAQYIQVDDKVNQELEKDLK.D	25
PSTAT-3092	proteomics_stat	2095831	2095884	-	5	4	K.LAQYIQVDDKVNQELEK.D	22
PSTAT-3093	proteomics_stat	2095831	2095887	-	5	2	M.KLAQYIQVDDKVNQELEK.D	23
PSTAT-3094	proteomics_stat	2095978	2096031	-	5	5	R.FSSAFSALAETLDNQEER.E	22
PSTAT-3095	proteomics_stat	2096032	2096064	-	5	3	K.VSDLQETLIGR.F	15
PSTAT-3096	proteomics_stat	2097889	2097927	-	5	6	R.IDKEGVFHTEWLD.-	17
PSTAT-3097	proteomics_stat	2097889	2097930	-	5	14	K.RIDKEGVFHTEWLD.-	18
PSTAT-3098	proteomics_stat	2097931	2097957	-	5	6	R.DYFGAHTYK.R	13
PSTAT-3099	proteomics_stat	2097958	2097996	-	5	16	R.AAVLPANLIQAQR.D	17
PSTAT-3100	proteomics_stat	2097997	2098077	-	5	89	R.DVVAVAVQNGIPVPTFSAAVAYDSYR.A	31
PSTAT-3101	proteomics_stat	2098078	2098110	-	5	4	K.QIADDYQQALR.D	15
PSTAT-3102	proteomics_stat	2098111	2098173	-	5	8	K.ITDAYAENPQIANLLLAPYFK.Q	25
PSTAT-3103	proteomics_stat	2098219	2098269	-	5	9	R.AASEEYNWDLNYGEIAK.I	21
PSTAT-3104	proteomics_stat	2098270	2098302	-	5	3	I.VSYAQGFSQLR.A	15
PSTAT-3105	proteomics_stat	2098270	2098305	-	5	6	K.IVSYAQGFSQLR.A	16
PSTAT-3106	proteomics_stat	2098270	2098308	-	5	2	G.KIVSYAQGFSQLR.A	17
PSTAT-3107	proteomics_stat	2098333	2098389	-	5	9	K.VLSGPQAQPAGDKAEFIEK.V	23
PSTAT-3108	proteomics_stat	2098333	2098392	-	5	2	S.KVLSGPQAQPAGDKAEFIEK.V	24
PSTAT-3109	proteomics_stat	2098351	2098389	-	5	5	K.VLSGPQAQPAGDK.A	17

PSTAT-3110	proteomics_stat	2098351	2098401	-	5	2	V.AASKVLSGPQAQPAGDK.A	21
PSTAT-3111	proteomics_stat	2098405	2098428	-	5	3	Y.ISSLKDQR.V	12
PSTAT-3112	proteomics_stat	2098405	2098431	-	5	8	R.YISSLKDQR.V	13
PSTAT-3113	proteomics_stat	2098432	2098500	-	5	75	K.WTSQSALDLGEPLSLITESVFAR.Y	27
PSTAT-3114	proteomics_stat	2098501	2098569	-	5	10	K.KDEDGNYLVDVILDEAANKGTGK.W	27
PSTAT-3115	proteomics_stat	2098513	2098566	-	5	6	K.DEDGNYLVDVILDEAANK.G	22
PSTAT-3116	proteomics_stat	2098513	2098569	-	5	42	K.KDEDGNYLVDVILDEAANK.G	23
PSTAT-3117	proteomics_stat	2098513	2098584	-	5	13	K.DIFTKKDEDGNYLVDVILDEAANK.G	28
PSTAT-3118	proteomics_stat	2098513	2098596	-	5	5	I.DITKDIFTKKDEDGNYLVDVILDEAANK.G	32
PSTAT-3119	proteomics_stat	2098585	2098677	-	5	86	K.GGLNLTNEELAQTFTTEWNNGELSSYLIDITK.D	35
PSTAT-3120	proteomics_stat	2098678	2098743	-	5	76	K.MVHNGIEYGDMQLIAEAYSLLK.G	26
PSTAT-3121	proteomics_stat	2098744	2098791	-	5	8	E.PCVTYIGADGAGHYVK.M	20
PSTAT-3122	proteomics_stat	2098744	2098818	-	5	19	K.IAAVAEDGEPVCVYIGADGAGHYVK.M	29
PSTAT-3123	proteomics_stat	2098753	2098818	-	5	2	K.IAAVAEDGEPVCVYIGADGAGH.Y	26
PSTAT-3124	proteomics_stat	2098819	2098854	-	5	12	K.EAYELVAPILTK.I	16
PSTAT-3125	proteomics_stat	2098855	2098953	-	5	14	R.ELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	37
PSTAT-3126	proteomics_stat	2098855	2098959	-	5	20	R.NRELSAEGFNFIGTGVSGGEEGALKGPSIMPGGQK.E	39
PSTAT-3127	proteomics_stat	2098885	2098953	-	5	5	R.ELSAEGFNFIGTGVSGGEEGALK.G	27
PSTAT-3128	proteomics_stat	2098885	2098959	-	5	6	R.NRELSAEGFNFIGTGVSGGEEGALK.G	29
PSTAT-3129	proteomics_stat	2098960	2099067	-	5	19	K.AGAGTDA/AIDSLSKPYLDKGDIIIDGGNTFFQDTIRR.N	40
PSTAT-3130	proteomics_stat	2098963	2099067	-	5	29	K.AGAGTDA/AIDSLSKPYLDKGDIIIDGGNTFFQDTIRR.R	39
PSTAT-3131	proteomics_stat	2099014	2099067	-	5	2	K.AGAGTDA/AIDSLSKPYLDK.G	22
PSTAT-3132	proteomics_stat	2099089	2099118	-	5	3	K.EFVESLETPR.R	14
PSTAT-3133	proteomics_stat	2099143	2099178	-	5	14	K.TEEVIAENPGKK.L	16
PSTAT-3134	proteomics_stat	2099143	2099184	-	5	13	R.EKTEEVIAENPGKK.L	18
PSTAT-3135	proteomics_stat	2099146	2099178	-	5	4	K.TEEVIAENPGK.K	15
PSTAT-3136	proteomics_stat	2099146	2099184	-	5	7	R.EKTEEVIAENPGK.K	17
PSTAT-3137	proteomics_stat	2099191	2099217	-	5	2	R.GYTVSIFNR.S	13
PSTAT-3138	proteomics_stat	2099218	2099244	-	5	5	R.NLALNIESR.G	13
PSTAT-3139	proteomics_stat	2099245	2099283	-	5	10	K.QQIGVVGMAMVGR.N	17
PSTAT-3140	proteomics_stat	2099245	2099289	-	5	28	M.SKQQIGVVGMAMVGR.N	19
PSTAT-3141	proteomics_stat	2103617	2103655	-	6	2	K.IFDYLVSSDVEHR.D	17
PSTAT-3142	proteomics_stat	2103701	2103748	-	6	2	R.LATCDMVISHNPQMTK.Y	20
PSTAT-3143	proteomics_stat	2105334	2105360	-	4	2	R.EDKVIFGGR.L	13
PSTAT-3144	proteomics_stat	2105403	2105441	-	4	3	K.VGDEPYYPVNDNK.N	17
PSTAT-3145	proteomics_stat	2105481	2105504	-	4	3	K.HFDYVETK.H	12
PSTAT-3146	proteomics_stat	2105634	2105675	-	4	4	R.IIYTGPIQYFDYR.F	18
PSTAT-3147	proteomics_stat	2105685	2105729	-	4	3	K.LGIDFLKDKDSLASK.A	19
PSTAT-3148	proteomics_stat	2105907	2105975	-	4	8	K.VPENLEEQAISLVGEDLYQALIK.G	27
PSTAT-3149	proteomics_stat	2105907	2105987	-	4	29	K.YGDKVPENLEEQAISLVGEDLYQALIK.G	31
PSTAT-3150	proteomics_stat	2105907	2105990	-	4	15	K.KYGDKVPENLEEQAISLVGEDLYQALIK.G	32
PSTAT-3151	proteomics_stat	2105994	2106032	-	4	3	K.DPQEAQNIINAQK.K	17
PSTAT-3152	proteomics_stat	2106198	2106254	-	4	7	R.NHIGGNAYTEDCEGIQIHK.Y	23
PSTAT-3153	proteomics_stat	2108007	2108093	-	4	2	R.GFFYESFNQSAFEHILGYPVSFVQDNHSR.S	33
PSTAT-3154	proteomics_stat	2108234	2108263	-	6	6	R.KGFIDVEQVR.K	14
PSTAT-3155	proteomics_stat	2108306	2108383	-	6	9	R.GYAWLDTGTHQSLIEASNFIATIEER.Q	30

PSTAT-3156	proteomics_stat	2108429	2108458	-	6	2	R.GELEITDINR.I	14
PSTAT-3157	proteomics_stat	2108480	2108539	-	6	3	K.SNYAVTGLYFYDNDVVQMAK.N	24
PSTAT-3158	proteomics_stat	2108540	2108584	-	6	4	K.NGTAISLEEKPLEPK.S	19
PSTAT-3159	proteomics_stat	2108540	2108608	-	6	8	R.YGVVEFDKNGTAISLEEKPLEPK.S	27
PSTAT-3160	proteomics_stat	2108609	2108656	-	6	6	K.ESGATVFAYHVNDPER.Y	20
PSTAT-3161	proteomics_stat	2108801	2108854	-	6	3	R.FQQLLDGDSQWGLNLQYK.V	22
PSTAT-3162	proteomics_stat	2108894	2108965	-	6	4	K.QLLPIDKPMIYPLSTMLAGIR.D	28
PSTAT-3163	proteomics_stat	2108996	2109028	-	6	3	K.GIILAGGSGTR.L	15
PSTAT-3164	proteomics_stat	2108996	2109028	-	6	3	K.GIILAGGSGTR.L	15
PSTAT-3165	proteomics_stat	2109140	2109190	-	6	2	K.FQQNFALVLPDWQVGVK.R	21
PSTAT-3166	proteomics_stat	2109224	2109265	-	6	4	K.LNAVPTTAYPTPAR.R	18
PSTAT-3167	proteomics_stat	2109731	2109847	-	6	7	R.SIRPDIIVNAAAHTAVDKAESEPEFAQLINATSVEIAIK.A	43
PSTAT-3168	proteomics_stat	2109794	2109847	-	6	5	R.SIRPDIIVNAAAHTAVDK.A	22
PSTAT-3169	proteomics_stat	2109848	2109946	-	6	3	R.ALAPLGNLIAFDVHSTDYCGDFSNPEGVAETVR.S	37
PSTAT-3170	proteomics_stat	2109947	2109976	-	6	2	K.TGQVGWELQR.A	14
PSTAT-3171	proteomics_stat	2110003	2110050	-	5	2	K.SGAYQSWIEQNYEGRQ.-	20
PSTAT-3172	proteomics_stat	2110006	2110050	-	5	2	K.SGAYQSWIEQNYEGR.Q	19
PSTAT-3173	proteomics_stat	2110099	2110146	-	5	3	R.ALGWKPQETFESGIRK.T	20
PSTAT-3174	proteomics_stat	2110102	2110146	-	5	3	R.ALGWKPQETFESGIR.K	19
PSTAT-3175	proteomics_stat	2110294	2110332	-	5	8	K.AGETYNIGGHNEK.K	17
PSTAT-3176	proteomics_stat	2110363	2110392	-	5	2	R.DWLYVEDHAR.A	14
PSTAT-3177	proteomics_stat	2110363	2110392	-	5	2	R.DWLYVEDHAR.A	14
PSTAT-3178	proteomics_stat	2110363	2110407	-	5	5	K.GDQIRDWLYVEDHAR.A	19
PSTAT-3179	proteomics_stat	2110429	2110467	-	5	4	K.LIPLVILNALEGK.A	17
PSTAT-3180	proteomics_stat	2110549	2110572	-	5	4	K.ASSDHLVR.A	12
PSTAT-3181	proteomics_stat	2110549	2110572	-	5	4	K.ASSDHLVR.A	12
PSTAT-3182	proteomics_stat	2110573	2110704	-	5	4	R.FHHISTDEVYDGLPHDPDEVNNTTEELPLFTETTAYAPSSPYSASK.A	48
PSTAT-3183	proteomics_stat	2110717	2110749	-	5	4	R.NYWSALDSDKK.N	15
PSTAT-3184	proteomics_stat	2110750	2110821	-	5	20	R.SITGPAAFIETNIVGTYVLLAAR.N	28
PSTAT-3185	proteomics_stat	2110822	2110884	-	5	9	R.IFAQHQPDVAMHLAAESHVDR.S	25
PSTAT-3186	proteomics_stat	2110885	2110932	-	5	4	R.YVFEHADICDAPAMAR.I	20
PSTAT-3187	proteomics_stat	2110933	2110965	-	5	7	R.ESLADVSDSER.Y	15
PSTAT-3188	proteomics_stat	2110966	2111031	-	5	13	R.HIINNTQDSVVNVDKLTYAGNR.E	26
PSTAT-3189	proteomics_stat	2110987	2111031	-	5	9	R.HIINNTQDSVVNVDK.L	19
PSTAT-3190	proteomics_stat	2111554	2111610	-	5	10	K.KQSVDAMLMTGDSYDCGKK.M	23
PSTAT-3191	proteomics_stat	2111611	2111646	-	5	3	R.IQLTDAIAELAK.K	16
PSTAT-3192	proteomics_stat	2111671	2111709	-	5	3	R.YVLSADIWPELER.T	17
PSTAT-3193	proteomics_stat	2111710	2111778	-	5	11	R.IVEFIEKPDQPQTLDSDIMAVGR.Y	27
PSTAT-3194	proteomics_stat	2111812	2111853	-	5	7	R.MPGDLSEYSVIQTK.E	18
PSTAT-3195	proteomics_stat	2111812	2111856	-	5	7	K.RMPGDLSEYSVIQTK.E	19
PSTAT-3196	proteomics_stat	2111893	2111919	-	5	2	R.YNLAAMIAR.F	13
PSTAT-3197	proteomics_stat	2111920	2111955	-	5	2	D.VVIDDASADPLR.Y	16
PSTAT-3198	proteomics_stat	2111920	2111991	-	5	2	A.IGDNPFFVVLPDVVIDDASADPLR.Y	28
PSTAT-3199	proteomics_stat	2111920	2111997	-	5	13	R.PAIGDNPFFVVLPDVVIDDASADPLR.Y	30
PSTAT-3200	proteomics_stat	2111998	2112042	-	5	7	R.QGEPLGLGHSILCAR.P	19
PSTAT-3201	proteomics_stat	2112043	2112105	-	5	2	K.RQLLAEVQSICPPGVTIMNVR.Q	25

PSTAT-3202	proteomics_stat	2112112	2112171	-	5	7	K.NAVENHFDTSYELESLEQR.V	24
PSTAT-3203	proteomics_stat	2112172	2112201	-	5	4	K.EILLVTHASK.N	14
PSTAT-3204	proteomics_stat	2112202	2112273	-	5	12	K.EMLPIVDKPMIQQYIVDEIVAAGIK.E	28
PSTAT-3205	proteomics_stat	2112286	2112336	-	5	9	K.AVIPVAGLGMHMLPATK.A	21
PSTAT-3206	proteomics_stat	2138209	2138256	-	5	4	R.MEGMNFQQMIQQAVER.N	20
PSTAT-3207	proteomics_stat	2139088	2139117	-	5	2	R.LQMEQDPQHR.G	14
PSTAT-3208	proteomics_stat	2139331	2139378	-	5	2	R.LDVALLPLLSHQLSVK.Q	20
PSTAT-3209	proteomics_stat	2139394	2139435	-	5	2	R.MSLTAQGASQPLVR.A	18
PSTAT-3210	proteomics_stat	2140039	2140065	-	5	2	K.DEVSAALDR.V	13
PSTAT-3211	proteomics_stat	2140039	2140104	-	5	7	R.GHTAAFIDLSGPKDEVSAALDR.V	26
PSTAT-3212	proteomics_stat	2140421	2140462	-	6	2	K.TVRPMFLQFIEPSK.Q	18
PSTAT-3213	proteomics_stat	2140637	2140666	-	6	5	R.MKETVTVEPK.K	14
PSTAT-3214	proteomics_stat	2140718	2140783	-	6	7	K.TNYDHPSAMDHSLLEHLQALK.R	26
PSTAT-3215	proteomics_stat	2140730	2140819	-	6	2	K.DQSHLSMEERVKTNYDHPSAMDHSLLEHL.Q	34
PSTAT-3216	proteomics_stat	2140883	2140909	-	6	2	K.SLIASTLYR.E	13
PSTAT-3217	proteomics_stat	2155438	2155488	-	5	9	R.HADPQTAGAVAINIDIR.H	21
PSTAT-3218	proteomics_stat	2155854	2155925	-	4	10	S.TIYIATTAATISQTVLPSADWKAR.V	28
PSTAT-3219	proteomics_stat	2160592	2160636	-	5	3	V.REIFQRQGVHGGETR.R	19
PSTAT-3220	proteomics_stat	2166094	2166129	-	5	3	K.NDATHFCVTVQGK.K	16
PSTAT-3221	proteomics_stat	2169938	2169970	-	6	3	R.KLSLEPLIAHR.G	15
PSTAT-3222	proteomics_stat	2172328	2172402	-	5	30	R.SFGDIPLVHGMPPFISGIGIEALQNK.I	29
PSTAT-3223	proteomics_stat	2172412	2172468	-	5	2	R.VNEIETYMDGVHLICTTAK.V	23
PSTAT-3224	proteomics_stat	2172643	2172714	-	5	3	K.LQQPDIVETLITLPETQLKEYFTK.Y	28
PSTAT-3225	proteomics_stat	2172658	2172714	-	5	7	K.LQQPDIVETLITLPETQLK.E	23
PSTAT-3226	proteomics_stat	2172829	2172864	-	5	3	K.SSAIYLLRPTNK.V	16
PSTAT-3227	proteomics_stat	2172865	2172942	-	5	7	R.EAEFPTGIMLEQHAIAIPHCEAIHAK.S	30
PSTAT-3228	proteomics_stat	2172943	2172984	-	5	9	K.GVVHDTWPQALIAR.E	18
PSTAT-3229	proteomics_stat	2173552	2173590	-	5	2	R.MVYEAHSTDYQTR.T	17
PSTAT-3230	proteomics_stat	2174029	2174100	-	5	2	R.IILGGDHLGPNCWQQENADAAMEK.S	28
PSTAT-3231	proteomics_stat	2174378	2174407	-	6	2	K.VIADCGCEGR.A	14
PSTAT-3232	proteomics_stat	2174435	2174455	-	6	4	R.DYLQSAK.S	11
PSTAT-3233	proteomics_stat	2174456	2174494	-	6	6	K.NYLTEHPEATDPR.D	17
PSTAT-3234	proteomics_stat	2174495	2174518	-	6	3	K.NAFSQALK.N	12
PSTAT-3235	proteomics_stat	2174519	2174542	-	6	3	K.INVATELK.N	12
PSTAT-3236	proteomics_stat	2174579	2174617	-	6	3	L.PLVLHGASGLSTK.D	17
PSTAT-3237	proteomics_stat	2174579	2174632	-	6	21	R.QWVNLPLVLHGASGLSTK.D	22
PSTAT-3238	proteomics_stat	2174648	2174743	-	6	59	R.EFAEATGIDSLAVAIGTAHGMYSAPALDFSR.L	36
PSTAT-3239	proteomics_stat	2174744	2174848	-	6	111	R.FDVSVAEELGQLGGQEDDVQVNEADALYTNPAQAR.E	39
PSTAT-3240	proteomics_stat	2174879	2174929	-	6	11	R.SVMIDASHLPFAQNISR.V	21
PSTAT-3241	proteomics_stat	2174948	2174968	-	6	3	K.FDDIAQK.V	11
PSTAT-3242	proteomics_stat	2175549	2175587	-	4	6	K.LINAVQDVYLDISK.I	17
PSTAT-3243	proteomics_stat	2175624	2175653	-	4	3	R.AGGMGLILGR.K	14
PSTAT-3244	proteomics_stat	2175675	2175737	-	4	23	R.AGLINSGGAAGGETDLSDAVR.T	25
PSTAT-3245	proteomics_stat	2175675	2175761	-	4	4	Q.LANCYMGRAGLINSNGGAAGGETDLSDAVR.T	33
PSTAT-3246	proteomics_stat	2175738	2175767	-	4	4	R.YQLANCYMGR.A	14
PSTAT-3247	proteomics_stat	2175768	2175800	-	4	3	K.LTSENPIDLVR.Y	15

PSTAT-3248	proteomics_stat	2175801	2175842	-	4	3	K.AINYGYTDDRVS.K.L	18
PSTAT-3249	proteomics_stat	2175843	2175869	-	4	15	K.MAENGGYK.A	13
PSTAT-3250	proteomics_stat	2176023	2176058	-	4	4	R.RQIEEISA.AFER.A	16
PSTAT-3251	proteomics_stat	2176224	2176301	-	4	7	K.NIVELAIEAGCNCVASTYGVLASVSR.R	30
PSTAT-3252	proteomics_stat	2176302	2176403	-	4	7	R.LAGTGYSILPVDQGVHSAGASFAANPLYFDPK.N	38
PSTAT-3253	proteomics_stat	2176404	2176433	-	4	7	R.NMQTLYNTGR.L	14
PSTAT-3254	proteomics_stat	2176473	2176529	-	4	2	R.CMTIPSDQLYLPGHYVDR.V	23
PSTAT-3255	proteomics_stat	2176530	2176556	-	4	2	K.DADNLLQHR.C	13
PSTAT-3256	proteomics_stat	2176533	2176556	-	4	2	K.DADNLLQH.R	12
PSTAT-3257	proteomics_stat	2176557	2176583	-	4	4	M.TDIAQLLGK.D	13
PSTAT-3258	proteomics_stat	2180651	2180692	-	6	2	R.SGVLEHGNILPGER.D	18
PSTAT-3259	proteomics_stat	2181828	2181863	-	4	4	R.HTNWADTVQEAK.S	16
PSTAT-3260	proteomics_stat	2181963	2182010	-	4	4	K.GGHLDDDEQSPDWLFTR.E	20
PSTAT-3261	proteomics_stat	2182080	2182154	-	4	2	R.LLPQVSLITPNLPEAAALLDAPHAR.T	29
PSTAT-3262	proteomics_stat	2182206	2182250	-	4	5	R.YQIQNVVLDTVMLAK.S	19
PSTAT-3263	proteomics_stat	2182323	2182376	-	4	8	R.IEPDFVAAQLDSVFSVDR.I	22
PSTAT-3264	proteomics_stat	2182464	2182529	-	4	2	R.INALTIAGTDPSGGAGIQADLK.T	26
PSTAT-3265	proteomics_stat	2182739	2182777	-	6	5	R.IIGIHGGDPLMTK.V	17
PSTAT-3266	proteomics_stat	2182838	2182897	-	6	4	R.GVDTTDAANAIPAAQTLAR.E	24
PSTAT-3267	proteomics_stat	2182898	2182948	-	6	3	R.GNASEIMALAGIANGGR.G	21
PSTAT-3268	proteomics_stat	2182997	2183053	-	6	3	K.SSQTPWTLDPVAVGALDYR.R	23
PSTAT-3269	proteomics_stat	2183600	2183644	-	6	2	K.GHLTEHIVHQGDELK.R	19
PSTAT-3270	proteomics_stat	2191090	2191146	-	5	2	R.VAAQLYWQGEVIPGEISFR.A	23
PSTAT-3271	proteomics_stat	2191162	2191215	-	5	3	K.GTPTVISRPESEFTAIYR.Q	22
PSTAT-3272	proteomics_stat	2191231	2191278	-	5	4	K.YHTQLLQGMPLHISLR.E	20
PSTAT-3273	proteomics_stat	2191237	2191278	-	5	2	K.YHTQLLQGMPLHIS.L	18
PSTAT-3274	proteomics_stat	2191777	2191827	-	5	7	K.SSTAVNLALALAAEGAK.V	21
PSTAT-3275	proteomics_stat	2192101	2192148	-	5	12	R.AMVAGTLANFQHPTLK.H	20
PSTAT-3276	proteomics_stat	2216631	2216681	-	4	2	K.TLQQLNASIAVEGLDAK.K	21
PSTAT-3277	proteomics_stat	2217048	2217080	-	4	3	K.NKLTSLADLSR.Y	15
PSTAT-3278	proteomics_stat	2217330	2217383	-	4	2	L.GNIIQLVLESHGVPTV.NK.V	22
PSTAT-3279	proteomics_stat	2217330	2217407	-	4	13	K.IDTEGALLGNIIQLVLESHGVPTV.NK.V	30
PSTAT-3280	proteomics_stat	2217744	2217797	-	4	2	K.YDAEPGKFNVFITDSAR.V	22
PSTAT-3281	proteomics_stat	2217969	2218007	-	4	2	K.VTASVQVTNTGKR.E	17
PSTAT-3282	proteomics_stat	2218566	2218607	-	4	2	K.GIIDFLNQYEEAVK.V	18
PSTAT-3283	proteomics_stat	2218566	2218631	-	4	2	K.GANVTSDKGIIDFLNQYEEAVK.V	26
PSTAT-3284	proteomics_stat	2218869	2218895	-	4	2	D.PVDTNAESR.L	13
PSTAT-3285	proteomics_stat	2218869	2218904	-	4	4	K.ESDPVDTNAESR.L	16
PSTAT-3286	proteomics_stat	2218905	2218952	-	4	4	K.YDMGLFNDPYSHLGPK.E	20
PSTAT-3287	proteomics_stat	2219088	2219123	-	4	7	K.HGTAADPEDAVR.V	16
PSTAT-3288	proteomics_stat	2219136	2219168	-	4	5	K.GITVSDHGAIK.E	15
PSTAT-3289	proteomics_stat	2219199	2219288	-	4	4	K.AGLDAGSGAVMVALNSLNGTPATSDSWLLK.D	34
PSTAT-3290	proteomics_stat	2219352	2219387	-	4	6	K.HFAAYGAVEGGK.E	16
PSTAT-3291	proteomics_stat	2219604	2219660	-	4	12	R.TVFPISLGLASSFNLDVAVK.T	23
PSTAT-3292	proteomics_stat	2219661	2219702	-	4	4	K.IPLFFAYDVLHGQR.T	18
PSTAT-3293	proteomics_stat	2219661	2219708	-	4	2	R.LKIPLFFAYDVLHGQR.T	20

PSTAT-3294	proteomics_stat	2219754	2219792	-	4	2	K.DGQVGAIFNTVTR.Q	17
PSTAT-3295	proteomics_stat	2219910	2219951	-	4	3	A.DDLFGNHPLTPEAR.D	18
PSTAT-3296	proteomics_stat	2223615	2223650	-	4	3	M.SHVWGLFSHPDR.E	16
PSTAT-3297	proteomics_stat	2223914	2223997	-	6	2	R.APGRQSCRQAPQKVPPAGTLIAPDAPQR.L	32
PSTAT-3298	proteomics_stat	2224822	2224890	-	5	5	R.IINITSVHEHTPLPDASAYTAAK.H	27
PSTAT-3299	proteomics_stat	2224975	2225013	-	5	2	K.APFLDMAFDEWRK.I	17
PSTAT-3300	proteomics_stat	2236271	2236336	-	6	2	K.QINNHANEAINHGFALVTEER.R	26
PSTAT-3301	proteomics_stat	2236505	2236552	-	6	2	R.FPDKENKPGEVILEVR.N	20
PSTAT-3302	proteomics_stat	2237249	2237308	-	6	2	M.VSSTTPSSGEYLLEMMSGINK.S	24
PSTAT-3303	proteomics_stat	2237375	2237425	-	6	5	R.VPYVGVDKDNLAEFSK.-	21
PSTAT-3304	proteomics_stat	2237378	2237425	-	6	5	R.VPYVGVDKDNLAEFSK.K	20
PSTAT-3305	proteomics_stat	2237447	2237491	-	6	2	K.NLADGKGAADGTNWK.I	19
PSTAT-3306	proteomics_stat	2237513	2237563	-	6	9	K.SGALAGTVLNDANNQAK.A	21
PSTAT-3307	proteomics_stat	2237564	2237620	-	6	13	K.SSIPVFGVDALPEALALVK.S	23
PSTAT-3308	proteomics_stat	2237693	2237734	-	6	3	K.DKMDAWLSGPNANK.I	18
PSTAT-3309	proteomics_stat	2237735	2237785	-	6	6	K.TEQLQDAMWDTAQAK.D	21
PSTAT-3310	proteomics_stat	2237828	2237860	-	6	3	K.GEPGHPDAEAR.T	15
PSTAT-3311	proteomics_stat	2237861	2237890	-	6	3	K.DGQIQFVLLK.G	14
PSTAT-3312	proteomics_stat	2237861	2237926	-	6	17	K.HWAANQGWDLNKDGQIQFVLLK.G	26
PSTAT-3313	proteomics_stat	2237891	2237926	-	6	4	K.HWAANQGWDLNK.D	16
PSTAT-3314	proteomics_stat	2237963	2237989	-	6	2	K.AYYVGTDSK.E	13
PSTAT-3315	proteomics_stat	2237990	2238013	-	6	6	R.KALDSYDK.A	12
PSTAT-3316	proteomics_stat	2238014	2238058	-	6	6	R.GQNVVFFNKEPSR.K	19
PSTAT-3317	proteomics_stat	2238065	2238094	-	6	2	D.PAAAGTVIEK.A	14
PSTAT-3318	proteomics_stat	2238065	2238118	-	6	5	K.ALAINLVDPAAGTVIEK.A	22
PSTAT-3319	proteomics_stat	2238128	2238214	-	6	2	K.AAPDVQLLMNDSQNDQSKQNDQIDVLLAK.G	33
PSTAT-3320	proteomics_stat	2238161	2238214	-	6	8	K.AAPDVQLLMNDSQNDQSK.Q	22
PSTAT-3321	proteomics_stat	2241060	2241107	-	4	6	R.DATSATTTTSLGGLFK.S	20
PSTAT-3322	proteomics_stat	2241312	2241365	-	4	2	R.DITLSTCEHHFVTIDGK.A	22
PSTAT-3323	proteomics_stat	2241417	2241467	-	4	13	K.MYVDEIFSGLDYANFPK.I	21
PSTAT-3324	proteomics_stat	2241567	2241620	-	4	5	R.GLETPLRPPVHEMNETR.K	22
PSTAT-3325	proteomics_stat	2241621	2241656	-	4	5	K.EAALVHEALVAR.G	16
PSTAT-3326	proteomics_stat	2243724	2243774	-	4	2	R.HDKLSDAVNLTGGTSSK.T	21
PSTAT-3327	proteomics_stat	2243775	2243831	-	4	2	K.YTLPLTAINQFLTVGGWR.H	23
PSTAT-3328	proteomics_stat	2243832	2243897	-	4	2	K.VENKNPGNSSPITSESNTVDGK.Y	26
PSTAT-3329	proteomics_stat	2244108	2244155	-	4	2	K.DDPQNSTTTDTGETPR.I	20
PSTAT-3330	proteomics_stat	2244186	2244257	-	4	2	R.DRGDTYNGQFFTSGLPIDGVLGMK.A	28
PSTAT-3331	proteomics_stat	2247068	2247115	-	6	2	R.GPVTLEQLAAAPWILR.E	20
PSTAT-3332	proteomics_stat	2247311	2247364	-	6	2	R.IYASSTIGNYILPAVIAR.Y	22
PSTAT-3333	proteomics_stat	2247386	2247433	-	6	7	R.ALALLEQAVEIEQLFR.E	20
PSTAT-3334	proteomics_stat	2258800	2258838	-	5	4	K.AVAEATPYEPAGK.A	17
PSTAT-3335	proteomics_stat	2258911	2259006	-	5	26	R.GSVGAGNAITPEEVAAADLVIVAADIEVDLAK.F	36
PSTAT-3336	proteomics_stat	2259121	2259186	-	5	5	K.GHAKPYTAPVAATAPVAASGPK.R	26
PSTAT-3337	proteomics_stat	2259187	2259225	-	5	6	R.AVAHPELFLSEAK.G	17
PSTAT-3338	proteomics_stat	2259253	2259339	-	5	9	K.LEIIDNPDAEMAIVLGDIPNDSALNGK.N	33
PSTAT-3339	proteomics_stat	2260028	2260090	-	6	2	K.DGEVTDNFNSGFVTPADWER.F	25

PSTAT-3340	proteomics_stat	2260313	2260375	-	6	2	R.VATITLNPAYDLVGFCEPIER.G	25
PSTAT-3341	proteomics_stat	2260432	2260470	-	5	2	R.FTAQGADAEQALK.A	17
PSTAT-3342	proteomics_stat	2260768	2260860	-	5	2	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLKR.L	35
PSTAT-3343	proteomics_stat	2260771	2260860	-	5	3	R.AANAFDVDGETAAMLVSVAMNDDQPIAVLK.R	34
PSTAT-3344	proteomics_stat	2261314	2261379	-	5	3	R.EQQTSTFLGNGIAIPHGTTDTR.D	26
PSTAT-3345	proteomics_stat	2261380	2261448	-	5	4	R.QVAAALVQAGNVAEGYVNGMLAR.E	27
PSTAT-3346	proteomics_stat	2261476	2261517	-	5	6	T.MFQLSVQDIHPGEK.A	18
PSTAT-3347	proteomics_stat	2269478	2269537	-	6	3	R.GAYVRSSGNSRAGQRQFHSC.R	24
PSTAT-3348	proteomics_stat	2276080	2276124	-	5	2	K.LLSPDGDNAWSVMYK.L	19
PSTAT-3349	proteomics_stat	2277981	2278055	-	4	6	K.GVQLHNEKDLTKPAVLEVITPTQVR.L	29
PSTAT-3350	proteomics_stat	2278056	2278115	-	4	2	K.TYLVLTLESPVADDTAEQFAK.G	24
PSTAT-3351	proteomics_stat	2278149	2278205	-	4	4	R.LDIDTTGLVLMTDDGQWSH.R	23
PSTAT-3352	proteomics_stat	2278323	2278385	-	4	6	K.LLPEHDVAYDGNPLAQQHGP.R.Y	25
PSTAT-3353	proteomics_stat	2281058	2281117	-	6	25	K.FAGSGGGLTINFDAMLLGER.I	24
PSTAT-3354	proteomics_stat	2281142	2281177	-	6	2	K.GYELEESFPADR.S	16
PSTAT-3355	proteomics_stat	2281322	2281372	-	6	3	R.GLLQAVDDFTAEQQLDK.A	21
PSTAT-3356	proteomics_stat	2281385	2281438	-	6	11	K.VADFFMDFLGASEGLNAK.A	22
PSTAT-3357	proteomics_stat	2281385	2281441	-	6	7	R.KVADFFMDFLGASEGLNAK.A	23
PSTAT-3358	proteomics_stat	2281517	2281585	-	6	3	R.VNENLDINPTHYLDINHADIVAR.I	27
PSTAT-3359	proteomics_stat	2281766	2281813	-	6	3	K.AYGLFSESELAQTLR.L	20
PSTAT-3360	proteomics_stat	2281835	2281891	-	6	3	R.DSILLEPTETVVEMVAELHR.V	23
PSTAT-3361	proteomics_stat	2281892	2281924	-	6	2	K.RDEQNLELVLR.D	15
PSTAT-3362	proteomics_stat	2281925	2281966	-	6	3	M.SLDINQIALHQLIK.R	18
PSTAT-3363	proteomics_stat	2284404	2284454	-	4	2	R.IAVEYSGGCGLDVLITE.N	21
PSTAT-3364	proteomics_stat	2295454	2295525	-	5	2	R.LLTGLSRPDAGEVLWQGQPLHQVR.D	28
PSTAT-3365	proteomics_stat	2305033	2305068	-	5	3	R.NGQSELTEGEER.D	16
PSTAT-3366	proteomics_stat	2305135	2305179	-	5	2	R.EFYQVLLPLMQEMGK.T	19
PSTAT-3367	proteomics_stat	2305660	2305713	-	5	2	K.AEFPRPQAFPNWQTLELR.N	22
PSTAT-3368	proteomics_stat	2310031	2310105	-	5	4	K.RTDAQNTAAYIGNGDRAETYTGGLK.Y	29
PSTAT-3369	proteomics_stat	2310058	2310102	-	5	2	R.TDAQNTAAYIGNGDR.A	19
PSTAT-3370	proteomics_stat	2310058	2310105	-	5	4	K.RTDAQNTAAYIGNGDR.A	20
PSTAT-3371	proteomics_stat	2310199	2310252	-	5	5	K.NGNPSGEGFTSGVTNNGR.D	22
PSTAT-3372	proteomics_stat	2310598	2310660	-	5	2	K.VDGLHYFSDNKDVGQTYMR.L	25
PSTAT-3373	proteomics_stat	2316339	2316380	-	4	2	R.LVTAMNNSSSLLK.I	18
PSTAT-3374	proteomics_stat	2316702	2316767	-	4	2	D.GVNILSNELAHTYLNMLTHEDR.Q	26
PSTAT-3375	proteomics_stat	2329257	2329349	-	4	2	V.MLGGGDNALMLPEQASNIRLQSSETPQEIFR.N	35
PSTAT-3376	proteomics_stat	2334929	2334964	-	6	4	R.TAEDENVVGLQR.V	16
PSTAT-3377	proteomics_stat	2335151	2335177	-	6	4	R.TAVAEYPTK.S	13
PSTAT-3378	proteomics_stat	2335178	2335225	-	6	3	R.GDGAILTATQNGYGKR.T	20
PSTAT-3379	proteomics_stat	2335181	2335225	-	6	5	R.GDGAILTATQNGYGK.R	19
PSTAT-3380	proteomics_stat	2335226	2335249	-	6	3	K.VVSLIVPR.G	12
PSTAT-3381	proteomics_stat	2335226	2335267	-	6	8	R.LGEGDKVVSLIVPR.G	18
PSTAT-3382	proteomics_stat	2335508	2335552	-	6	2	R.ITAILPVTFEFEGVK.V	19
PSTAT-3383	proteomics_stat	2335553	2335597	-	6	12	R.GRPVIVNLLPLEQDER.I	19
PSTAT-3384	proteomics_stat	2335655	2335702	-	6	11	R.LLVANTHDHILCFSSR.G	20
PSTAT-3385	proteomics_stat	2335703	2335729	-	6	4	R.IKEEDFIDR.L	13

PSTAT-3386	proteomics_stat	2335793	2335888	-	6	9	R.TEITANSADINLEDLITQEDVVVTLSHQGYVK.Y	36
PSTAT-3387	proteomics_stat	2336057	2336110	-	6	6	R.DGLYYLTEQQAAILDLR.L	22
PSTAT-3388	proteomics_stat	2336111	2336164	-	6	3	R.AGDDAARPEWLEPEFGVR.D	22
PSTAT-3389	proteomics_stat	2336165	2336221	-	6	6	K.TALVANPWQLGNVAAMLER.A	23
PSTAT-3390	proteomics_stat	2336375	2336413	-	6	2	K.IMNLKDIIAAFVR.H	17
PSTAT-3391	proteomics_stat	2336537	2336587	-	6	3	R.VEGISALRDESDKDGMR.I	21
PSTAT-3392	proteomics_stat	2336633	2336674	-	6	3	R.ETIIVHEIPYQVNK.A	18
PSTAT-3393	proteomics_stat	2336684	2336707	-	6	2	R.AEVEVDAK.T	12
PSTAT-3394	proteomics_stat	2336741	2336764	-	6	3	R.RGIEEAYR.T	12
PSTAT-3395	proteomics_stat	2336957	2337055	-	6	5	K.IAHELMADLEKETVDFVDNYDGTEKIPDVMPTK.I	37
PSTAT-3396	proteomics_stat	2336981	2337055	-	6	4	K.IAHELMADLEKETVDFVDNYDGTEK.I	29
PSTAT-3397	proteomics_stat	2337023	2337055	-	6	6	K.IAHELMADLEK.E	15
PSTAT-3398	proteomics_stat	2337080	2337145	-	6	4	R.YMLVDGQGNFGSIDGDSAAAMR.Y	26
PSTAT-3399	proteomics_stat	2337170	2337214	-	6	2	K.YHPHGDSAVYDTIVR.M	19
PSTAT-3400	proteomics_stat	2337260	2337301	-	6	4	R.VLYAMNVLGNDWNK.A	18
PSTAT-3401	proteomics_stat	2337389	2337424	-	6	2	R.EITPVNIEEELK.S	16
PSTAT-3402	proteomics_stat	2338906	2338965	-	5	4	R.SKGPGWIAGCNTRGLAMMFP.N	24
PSTAT-3403	proteomics_stat	2348023	2348085	-	5	3	R.SDKLPEYTPDVNQLYDALYNK.A	25
PSTAT-3404	proteomics_stat	2348113	2348148	-	5	2	K.LTGMVQDAQQNK.L	16
PSTAT-3405	proteomics_stat	2348149	2348229	-	5	3	K.QVAEYADGIGPDYHMLIEETSQPGNIK.L	31
PSTAT-3406	proteomics_stat	2348422	2348448	-	5	2	K.YGYTGKDDK.V	13
PSTAT-3407	proteomics_stat	2348542	2348601	-	5	7	R.VHTFEEIEFVQGLNHSTGK.N	24
PSTAT-3408	proteomics_stat	2360954	2360992	-	6	2	K.LTGPASEQQAMEK.L	17
PSTAT-3409	proteomics_stat	2361362	2361397	-	6	2	K.GEGLVLHEAWLK.E	16
PSTAT-3410	proteomics_stat	2361491	2361535	-	6	2	R.NTVGDNLDDLVTILR.E	19
PSTAT-3411	proteomics_stat	2361491	2361538	-	6	2	R.RNTVGDNLDDLVTILR.E	20
PSTAT-3412	proteomics_stat	2361839	2361880	-	6	3	R.YTIMRPVSI EAGYR.Y	18
PSTAT-3413	proteomics_stat	2371387	2371437	-	5	2	K.VGDLLSPLQNALYCINR.E	21
PSTAT-3414	proteomics_stat	2373031	2373081	-	5	3	R.RWPGSTLPVVEVDALER.L	21
PSTAT-3415	proteomics_stat	2374041	2374142	-	4	6	K.AALNADCDGQAGLQELAGNATMLFYMTEEGQEGR.N	38
PSTAT-3416	proteomics_stat	2374194	2374262	-	4	6	K.QALDMGLVNTVVPLADLEKETVR.W	27
PSTAT-3417	proteomics_stat	2374206	2374262	-	4	3	K.QALDMGLVNTVVPLADLEK.E	23
PSTAT-3418	proteomics_stat	2374503	2374547	-	4	2	K.DDSGVHHLNVLDFQR.Q	19
PSTAT-3419	proteomics_stat	2374503	2374568	-	4	11	R.GDYGGYKDDSGVHHLNVLDFQR.Q	26
PSTAT-3420	proteomics_stat	2374575	2374601	-	4	3	K.AFCSSGGDQK.V	13
PSTAT-3421	proteomics_stat	2374602	2374649	-	4	5	R.YDDNIGVIIITGAGDK.A	20
PSTAT-3422	proteomics_stat	2374764	2374841	-	4	2	N.MIYPDEAMLYAPVEWHDCSEGFEDIR.Y	30
PSTAT-3423	proteomics_stat	2377616	2377642	-	6	2	P.TAAVAGLPR.D	13
PSTAT-3424	proteomics_stat	2378858	2378890	-	6	5	R.VSQASDSYYYR.A	15
PSTAT-3425	proteomics_stat	2378894	2378914	-	6	2	K.ALDDVKK.R	11
PSTAT-3426	proteomics_stat	2378930	2378971	-	6	5	R.SSGDPADQKYVELK.A	18
PSTAT-3427	proteomics_stat	2378972	2379019	-	6	4	I.DDDLTLSETLEEVL.R.S	20
PSTAT-3428	proteomics_stat	2378972	2379022	-	6	202	R.IDDDLTLSETLEEVL.R.S	21
PSTAT-3429	proteomics_stat	2378972	2379046	-	6	13	M.SNQFGDTRIDDLTLSETLEEVL.R.S	29
PSTAT-3430	proteomics_stat	2379023	2379046	-	6	2	M.SNQFGDTR.I	12
PSTAT-3431	proteomics_stat	2388370	2388438	-	5	2	R.GLFWHRPILAAVMTVMMLSLAGI.P	27

PSTAT-3432	proteomics_stat	2393068	2393106	-	5	4	R.QNLNIDSVSEMRG.-	17
PSTAT-3433	proteomics_stat	2393406	2393429	-	4	2	R.AGEVLSNR.K	12
PSTAT-3434	proteomics_stat	2393945	2393989	-	6	8	K.DKGEAENEAKPIDVK.S	19
PSTAT-3435	proteomics_stat	2393945	2394016	-	6	3	R.MAGMAIDGKDKGEAENEAKPIDVK.S	28
PSTAT-3436	proteomics_stat	2393990	2394016	-	6	2	R.MAGMAIDGK.D	13
PSTAT-3437	proteomics_stat	2394017	2394091	-	6	3	R.QDLVYEKEDLLISGPGKYPEYNFYR.M	29
PSTAT-3438	proteomics_stat	2394017	2394094	-	6	7	K.RQDLVYEKEDLLISGPGKYPEYNFYR.M	30
PSTAT-3439	proteomics_stat	2394041	2394094	-	6	8	K.RQDLVYEKEDLLISGPGK.Y	22
PSTAT-3440	proteomics_stat	2395476	2395616	-	4	9	R.VSFSYDGNVTVLPVEIAEGLTAGQVGLPMGMSGIAPVLAGAHLEDLK.E	51
PSTAT-3441	proteomics_stat	2395707	2395754	-	4	5	R.IAPYYHLFGSDELSQR.A	20
PSTAT-3442	proteomics_stat	2395782	2395835	-	4	4	R.LFETSENGLDYFTSVPAR.F	22
PSTAT-3443	proteomics_stat	2395863	2395886	-	4	2	K.FQDEVGGK.L	12
PSTAT-3444	proteomics_stat	2395887	2395943	-	4	5	R.SQVPFAWAPGWNQAWNK.F	23
PSTAT-3445	proteomics_stat	2396013	2396039	-	4	6	R.ANISVHEPR.Q	13
PSTAT-3446	proteomics_stat	2396100	2396150	-	4	6	K.IPELAGIKDAAPDATFR.I	21
PSTAT-3447	proteomics_stat	2396151	2396201	-	4	6	R.EVDWTQLDHVIDAVVAK.I	21
PSTAT-3448	proteomics_stat	2396262	2396300	-	4	3	R.FFQVYDPAYYDSK.T	17
PSTAT-3449	proteomics_stat	2396397	2396429	-	4	3	K.APLVMVVDHQR.T	15
PSTAT-3450	proteomics_stat	2396469	2396507	-	4	4	R.ADAVVVLENDLHR.H	17
PSTAT-3451	proteomics_stat	2396508	2396585	-	4	6	R.SVNSMGLGIMGGGSLEEALTELETGR.A	30
PSTAT-3452	proteomics_stat	2396634	2396705	-	4	31	K.KPLIISGTNAGSLEVIQAAANVAK.A	28
PSTAT-3453	proteomics_stat	2396742	2396798	-	4	2	H.ALDNSAPAVDGIPELQSK.I	23
PSTAT-3454	proteomics_stat	2396742	2396819	-	4	3	R.LGFAIAHALDNSAPAVDGIPELQSK.I	30
PSTAT-3455	proteomics_stat	2396820	2396843	-	4	4	R.APVEDQAR.L	12
PSTAT-3456	proteomics_stat	2396844	2396909	-	4	2	K.HPLFVTNVDDTRLDDIAAWTYR.A	26
PSTAT-3457	proteomics_stat	2396916	2396960	-	4	3	K.VADWQIAAILNIGQR.A	19
PSTAT-3458	proteomics_stat	2397024	2397086	-	4	4	R.EIESYDAVLVLGEDVTQTGAR.V	25
PSTAT-3459	proteomics_stat	2397201	2397230	-	4	2	R.ASVESNFALR.E	14
PSTAT-3460	proteomics_stat	2397267	2397332	-	4	13	R.RGDDFITLNAEQAMQGAADILR.Q	26
PSTAT-3461	proteomics_stat	2397360	2397386	-	4	2	R.FGYGYVNLK.D	13
PSTAT-3462	proteomics_stat	2397393	2397431	-	4	4	R.YNGTVNHYFLCDR.G	17
PSTAT-3463	proteomics_stat	2397738	2397779	-	4	3	R.NQDLGPFISHEMNR.C	18
PSTAT-3464	proteomics_stat	2397924	2398001	-	4	3	R.LVMSCMTPASDGTFFISIDDEEAKQFR.E	30
PSTAT-3465	proteomics_stat	2397933	2398001	-	4	7	R.LVMSCMTPASDGTFFISIDDEEAK.Q	27
PSTAT-3466	proteomics_stat	2398008	2398034	-	4	2	K.QYQNAEDTR.G	13
PSTAT-3467	proteomics_stat	2398252	2398296	-	5	2	F.SNTHLINGIQPNLLK.E	19
PSTAT-3468	proteomics_stat	2398252	2398338	-	5	2	K.YFREEFEAGIKQPFNTHLINGIQPNLLK.E	33
PSTAT-3469	proteomics_stat	2398339	2398392	-	5	7	K.TFCAHAPGAVEPLQSAIK.Y	22
PSTAT-3470	proteomics_stat	2398534	2398557	-	5	3	R.NLEEFFAR.E	12
PSTAT-3471	proteomics_stat	2398558	2398617	-	5	22	R.LGTALAMAVDHEINMVSLVR.N	24
PSTAT-3472	proteomics_stat	2398732	2398764	-	5	2	R.EILEDYAGGMR.D	15
PSTAT-3473	proteomics_stat	2398765	2398806	-	5	3	K.NPGLWELPFGTTAR.E	18
PSTAT-3474	proteomics_stat	2398765	2398812	-	5	16	R.VKNPGLWELPFGTTAR.E	20
PSTAT-3475	proteomics_stat	2398999	2399046	-	5	5	R.YICGEETALINSLEGR.R	20
PSTAT-3476	proteomics_stat	2398999	2399049	-	5	2	G.RYICGEETALINSLEGR.R	21
PSTAT-3477	proteomics_stat	2399362	2399391	-	5	2	R.GGAGFSTGLK.W	14

PSTAT-3478	proteomics_stat	2399413	2399457	-	5	4	K.ALTGLSPDEIVNQVK.D	19
PSTAT-3479	proteomics_stat	2399413	2399460	-	5	7	R.KALTGLSPDEIVNQVK.D	20
PSTAT-3480	proteomics_stat	2399488	2399529	-	5	9	R.LRDDKQPVWLDEYR.S	18
PSTAT-3481	proteomics_stat	2399530	2399559	-	5	8	R.TPETHPLTWR.L	14
PSTAT-3482	proteomics_stat	2399583	2399648	-	4	2	N.MMIDEDTHAHLTPEAIPPELLER.Y	26
PSTAT-3483	proteomics_stat	2399700	2399738	-	4	4	K.LNIKPGQTTFDGR.F	17
PSTAT-3484	proteomics_stat	2400018	2400074	-	4	2	I.MHENQQPQTEAFELSAER.E	23
PSTAT-3485	proteomics_stat	2400149	2400193	-	6	13	R.TPSFAHLQQIPAAIR.G	19
PSTAT-3486	proteomics_stat	2400149	2400199	-	6	2	R.VRTPSFAHLQQIPAAIR.G	21
PSTAT-3487	proteomics_stat	2400206	2400256	-	6	4	K.GINSYYLTS DGSTMSYR.T	21
PSTAT-3488	proteomics_stat	2400365	2400397	-	6	3	K.ADHPLTTPPPK.E	15
PSTAT-3489	proteomics_stat	2400398	2400442	-	6	3	R.ILEQCLNNMPEGPFK.A	19
PSTAT-3490	proteomics_stat	2400482	2400559	-	6	2	K.ARPYSGYENFD FEIPVGGGVSDCYTR.V	30
PSTAT-3491	proteomics_stat	2400590	2400628	-	6	2	K.EALEWGTTGAGLR.A	17
PSTAT-3492	proteomics_stat	2400629	2400658	-	6	3	R.SQGVAAYGAK.E	14
PSTAT-3493	proteomics_stat	2400665	2400691	-	6	2	K.AALQNTILK.G	13
PSTAT-3494	proteomics_stat	2400758	2400787	-	6	9	R.IGGVAHDLPR.G	14
PSTAT-3495	proteomics_stat	2401001	2401057	-	6	2	R.IEYLGGCVNEMPYVLAVEK.L	23
PSTAT-3496	proteomics_stat	2401001	2401093	-	6	3	R.QSWHSYIPYTDRIEYLGGCVNEMPYVLAVEK.L	35
PSTAT-3497	proteomics_stat	2401058	2401093	-	6	2	R.QSWHSYIPYTDRIEYLGGCVNEMPYVLAVEK.L	16
PSTAT-3498	proteomics_stat	2401118	2401183	-	6	9	R.IVLQLDGEEIVDCVPDYGYYHHR.G	26
PSTAT-3499	proteomics_stat	2401184	2401255	-	6	16	R.GTENEDFMFLNLGPNHPSAHGAFR.I	28
PSTAT-3500	proteomics_stat	2401184	2401258	-	6	5	K.RGTENEDFMFLNLGPNHPSAHGAFR.I	29
PSTAT-3501	proteomics_stat	2401256	2401318	-	6	6	K.AKQDLEMEALTFKPEEWGMKR.G	25
PSTAT-3502	proteomics_stat	2401259	2401318	-	6	7	K.AKQDLEMEALTFKPEEWGMK.R	24
PSTAT-3503	proteomics_stat	2401319	2401351	-	6	3	R.ATEFSPFELTK.A	15
PSTAT-3504	proteomics_stat	2401412	2401462	-	6	6	R.ETWDLFGITFDGHPNLR.R	21
PSTAT-3505	proteomics_stat	2401493	2401537	-	6	7	K.VALAENDLHVPTFTK.L	19
PSTAT-3506	proteomics_stat	2401559	2401615	-	6	30	R.EGLPAADFSVFYHLISIDR.N	23
PSTAT-3507	proteomics_stat	2401631	2401681	-	6	7	K.LPKPYVMLFDLHGMDER.L	21
PSTAT-3508	proteomics_stat	2401631	2401684	-	6	3	K.KLPKPYVMLFDLHGMDER.L	22
PSTAT-3509	proteomics_stat	2401685	2401717	-	6	2	R.EQLLEVGDFLK.K	15
PSTAT-3510	proteomics_stat	2401685	2401720	-	6	6	K.REQLLEVGDFLK.K	16
PSTAT-3511	proteomics_stat	2401721	2401747	-	6	2	R.TGVPVWIK.R	13
PSTAT-3512	proteomics_stat	2401748	2401783	-	6	2	R.FGPDFTVQATR.T	16
PSTAT-3513	proteomics_stat	2401790	2401825	-	6	4	R.DHLDDPVIGELR.N	16
PSTAT-3514	proteomics_stat	2401826	2401864	-	6	2	M.TDLTAQEPAWQTR.D	17
PSTAT-3515	proteomics_stat	2402054	2402095	-	6	11	R.RPLSWVVG DQGVYR.A	18
PSTAT-3516	proteomics_stat	2402531	2402572	-	6	3	K.QEIVTDPLEQEVNK.N	18
PSTAT-3517	proteomics_stat	2402660	2402692	-	6	2	R.MNPETNSIANR.Q	15
PSTAT-3518	proteomics_stat	2402660	2402698	-	6	3	R.ERMNPETNSIANR.Q	17
PSTAT-3519	proteomics_stat	2402912	2402956	-	6	2	K.NVPFESGIDSVGSAR.L	19
PSTAT-3520	proteomics_stat	2402912	2402962	-	6	4	R.SKNNVPFESGIDSVGSAR.L	21
PSTAT-3521	proteomics_stat	2404067	2404114	-	6	3	K.GEPIPLVLLDDPSPFR.D	20
PSTAT-3522	proteomics_stat	2404115	2404162	-	6	2	R.TSPTHWYCAA EYILQK.G	20
PSTAT-3523	proteomics_stat	2404520	2404552	-	6	2	R.TQSAVSQMQR.L	15

PSTAT-3524	proteomics_stat	2409491	2409544	-	6	13	R.LNEVDLVLHSLEQITVTK.Q	22
PSTAT-3525	proteomics_stat	2409821	2409901	-	6	16	R.LEHIEATETEGITALPGAIALLSHLNK.A	31
PSTAT-3526	proteomics_stat	2410043	2410099	-	6	2	K.GFLFDLDGTLVDSLPAVER.A	23
PSTAT-3527	proteomics_stat	2410125	2410169	-	4	2	R.QYHLSANEINQIINA.-	19
PSTAT-3528	proteomics_stat	2410170	2410199	-	4	4	R.MLNVWHACPR.Q	14
PSTAT-3529	proteomics_stat	2410209	2410268	-	4	11	R.YTHFDAGTHGFNAQTPMWEK.Y	24
PSTAT-3530	proteomics_stat	2410269	2410292	-	4	2	R.FMVNVEGR.Y	12
PSTAT-3531	proteomics_stat	2410311	2410349	-	4	2	R.VTFLGFDAATEAR.Y	17
PSTAT-3532	proteomics_stat	2410311	2410352	-	4	5	R.RVTFLGFDAATEAR.Y	18
PSTAT-3533	proteomics_stat	2410437	2410469	-	4	2	R.EFGELKEETCR.T	15
PSTAT-3534	proteomics_stat	2410437	2410481	-	4	10	R.ELDREFGELKEETCR.T	19
PSTAT-3535	proteomics_stat	2410482	2410502	-	4	3	R.GYGLQMR.E	11
PSTAT-3536	proteomics_stat	2410533	2410568	-	4	3	K.MMTMLDPANAER.Y	16
PSTAT-3537	proteomics_stat	2410569	2410592	-	4	2	R.LILSNQYK.M	12
PSTAT-3538	proteomics_stat	2416941	2417018	-	4	50	K.DFLPGMLDATAGGVVQADEQLLESAR.R	30
PSTAT-3539	proteomics_stat	2416941	2417030	-	4	2	R.TETKDFLPGMLDATAGGVVQADEQLLESAR.R	34
PSTAT-3540	proteomics_stat	2417049	2417084	-	4	2	R.ATYIVVHDGMGK.I	16
PSTAT-3541	proteomics_stat	2417118	2417183	-	4	2	R.LASTEWVDIVNEENEVIAQASR.E	26
PSTAT-3542	proteomics_stat	2417358	2417402	-	4	9	R.GEIFHFNPGSVSIPK.G	19
PSTAT-3543	proteomics_stat	2417403	2417429	-	4	2	H.THLPVAEQR.G	13
PSTAT-3544	proteomics_stat	2417517	2417597	-	4	8	R.GNCDSEVDQMLLHFPITAPWQVLLLEK.Q	31
PSTAT-3545	proteomics_stat	2417754	2417801	-	4	2	K.LMFASDIHGSLPATER.V	20
PSTAT-3546	proteomics_stat	2418091	2418117	-	5	2	K.KAPLTAEGK.A	13
PSTAT-3547	proteomics_stat	2418337	2418399	-	5	2	K.TIDLDSGEHLQPTWQGYGQTR.R	25
PSTAT-3548	proteomics_stat	2420857	2420910	-	5	4	L.QTGDAQRFRAFIGEIAER.A	22
PSTAT-3549	proteomics_stat	2421953	2422036	-	6	8	R.ALAMEPEVLLFDEPTSALDPELVGEVLR.I	32
PSTAT-3550	proteomics_stat	2422052	2422087	-	6	4	K.YPVHLSGGQQQR.V	16
PSTAT-3551	proteomics_stat	2422490	2422528	-	6	2	M.SENKLNVIDLHKR.Y	17
PSTAT-3552	proteomics_stat	2422493	2422528	-	6	3	M.SENKLNVIDLHK.R	16
PSTAT-3553	proteomics_stat	2423450	2423494	-	6	2	R.YALPGIGNNWQVILK.S	19
PSTAT-3554	proteomics_stat	2424031	2424060	-	5	4	K.KYFDFDVYGG.-	14
PSTAT-3555	proteomics_stat	2424145	2424174	-	5	3	L.FGVGTGMGLR.K	14
PSTAT-3556	proteomics_stat	2424145	2424177	-	5	2	K.LFGVGTGMGLR.K	15
PSTAT-3557	proteomics_stat	2424145	2424207	-	5	5	K.FGGPSVKDEKLFVGTGMGLR.K	25
PSTAT-3558	proteomics_stat	2424178	2424207	-	5	9	K.FGGPSVKDEK.L	14
PSTAT-3559	proteomics_stat	2424217	2424282	-	5	6	R.IDAAFQDEVAASEGFLKQPVGK.D	26
PSTAT-3560	proteomics_stat	2424232	2424282	-	5	12	R.IDAAFQDEVAASEGFLK.Q	21
PSTAT-3561	proteomics_stat	2424283	2424345	-	5	6	K.GIEIVSYQGQDNISDLTAGR.I	25
PSTAT-3562	proteomics_stat	2424346	2424405	-	5	6	R.VGVLQGTQTETFGNEHWAPK.G	24
PSTAT-3563	proteomics_stat	2424346	2424408	-	5	3	K.RVGVLQGTQTETFGNEHWAPK.G	25
PSTAT-3564	proteomics_stat	2424346	2424435	-	5	2	Q.PTVESLKGKRVGVLQGTQTETFGNEHWAPK.G	34
PSTAT-3565	proteomics_stat	2424409	2424450	-	5	2	K.NSDIQPTVESLKGK.R	18
PSTAT-3566	proteomics_stat	2424415	2424450	-	5	4	K.NSDIQPTVESLK.G	16
PSTAT-3567	proteomics_stat	2424466	2424486	-	5	3	K.LYAADSR.L	11
PSTAT-3568	proteomics_stat	2424466	2424486	-	5	3	K.LYAADSR.L	11
PSTAT-3569	proteomics_stat	2424466	2424513	-	5	2	R.QQEIAFTDKLYAADSR.L	20

PSTAT-3570	proteomics_stat	2424487	2424513	-	5	2	R.QQEIAFTDK.L	13
PSTAT-3571	proteomics_stat	2424487	2424516	-	5	5	K.RQQEIAFTDK.L	14
PSTAT-3572	proteomics_stat	2424514	2424558	-	5	8	K.KIDAIMSSLSITEKR.Q	19
PSTAT-3573	proteomics_stat	2424517	2424558	-	5	19	K.KIDAIMSSLSITEK.R	18
PSTAT-3574	proteomics_stat	2424565	2424624	-	5	15	R.INTQCTFVENPLDALIPSLK.A	24
PSTAT-3575	proteomics_stat	2424565	2424627	-	5	13	K.RINTQCTFVENPLDALIPSLK.A	25
PSTAT-3576	proteomics_stat	2424640	2424684	-	5	5	K.NSQGELVGFIDIDLAK.E	19
PSTAT-3577	proteomics_stat	2424685	2424723	-	5	7	R.IGTDPTYAPFESK.N	17
PSTAT-3578	proteomics_stat	2425034	2425063	-	6	3	K.KYFDFNVYGD.-	14
PSTAT-3579	proteomics_stat	2425073	2425111	-	6	4	K.ALGELRQDGTYDK.M	17
PSTAT-3580	proteomics_stat	2425112	2425144	-	6	6	K.DDAELTAAFNK.A	15
PSTAT-3581	proteomics_stat	2425112	2425147	-	6	8	R.KDDAELTAAFNK.A	16
PSTAT-3582	proteomics_stat	2425148	2425177	-	6	2	Y.FGDGTGVGLR.K	14
PSTAT-3583	proteomics_stat	2425148	2425180	-	6	3	K.YFGDGTGVGLR.K	15
PSTAT-3584	proteomics_stat	2425148	2425183	-	6	3	K.KYFGDGTGVGLR.K	16
PSTAT-3585	proteomics_stat	2425190	2425219	-	6	6	K.DFAFAGSSVK.D	14
PSTAT-3586	proteomics_stat	2425220	2425285	-	6	6	R.LDAALQDEVAASEGFLKQPAGK.D	26
PSTAT-3587	proteomics_stat	2425235	2425285	-	6	11	R.LDAALQDEVAASEGFLK.Q	21
PSTAT-3588	proteomics_stat	2425286	2425348	-	6	7	K.GVDVVAYANQDLVYSDLAAGR.L	25
PSTAT-3589	proteomics_stat	2425286	2425354	-	6	9	R.SKGVDDVVAYANQDLVYSDLAAGR.L	27
PSTAT-3590	proteomics_stat	2425355	2425411	-	6	25	K.HVGVQLGSTQEAYANETWR.S	23
PSTAT-3591	proteomics_stat	2425418	2425453	-	6	2	K.GSPIQPTLDSLK.G	16
PSTAT-3592	proteomics_stat	2425469	2425489	-	6	3	K.LYAADSR.L	11
PSTAT-3593	proteomics_stat	2425469	2425489	-	6	3	K.LYAADSR.L	11
PSTAT-3594	proteomics_stat	2425490	2425516	-	6	3	R.QQEIAFSDK.L	13
PSTAT-3595	proteomics_stat	2425517	2425561	-	6	32	K.KIDAISSLSITDKR.Q	19
PSTAT-3596	proteomics_stat	2425520	2425561	-	6	4	K.KIDAISSLSITDK.R	18
PSTAT-3597	proteomics_stat	2425568	2425615	-	6	5	K.CTWVASDFDALIPSLK.A	20
PSTAT-3598	proteomics_stat	2425631	2425678	-	6	9	K.GDFVGFIDILGNEMCK.R	20
PSTAT-3599	proteomics_stat	2425688	2425726	-	6	7	R.IGTDTTYAPFSSK.D	17
PSTAT-3600	proteomics_stat	2426746	2426784	-	5	2	R.QNEVENLEMHNEG.-	17
PSTAT-3601	proteomics_stat	2426812	2426853	-	5	6	K.DVDQGYLDFLDTLR.N	18
PSTAT-3602	proteomics_stat	2426854	2426916	-	5	4	R.AENPDIQQFECSVFNGVYVTK.D	25
PSTAT-3603	proteomics_stat	2426917	2426979	-	5	11	R.QIIGADGLIFQDLNDLIDAVR.A	25
PSTAT-3604	proteomics_stat	2426998	2427057	-	5	6	R.FPNVYGIDMPSATELIAHGR.E	24
PSTAT-3605	proteomics_stat	2427058	2427093	-	5	5	K.KVYLASAPEIR.F	16
PSTAT-3606	proteomics_stat	2427109	2427144	-	5	2	R.GTTSEQIEMAR.E	16
PSTAT-3607	proteomics_stat	2427145	2427183	-	5	5	R.DKNVLLVDDSIVR.G	17
PSTAT-3608	proteomics_stat	2427232	2427261	-	5	2	R.TFIMPGQQLR.R	14
PSTAT-3609	proteomics_stat	2427535	2427591	-	5	7	R.DVAPGEAIYITEEGQLFTR.Q	23
PSTAT-3610	proteomics_stat	2427592	2427672	-	5	7	R.DIDENRTEYMVASESVALDTLGFDFLR.D	31
PSTAT-3611	proteomics_stat	2427676	2427711	-	5	2	R.DPNGIRPLVLGK.R	16
PSTAT-3612	proteomics_stat	2427775	2427828	-	5	9	R.HYPLEADNIFAAIAATNR.L	22
PSTAT-3613	proteomics_stat	2427829	2427897	-	5	19	R.HINTTSDSEILLNIFASELDNFR.H	27
PSTAT-3614	proteomics_stat	2427922	2428038	-	5	3	R.YPTAGSSSASEAQPFYVNSPYGITLAHNGNLTNAHELK.K	43
PSTAT-3615	proteomics_stat	2427925	2427990	-	5	3	Y.VNSPYGITLAHNGNLTNAHELK.K	26

PSTAT-3616	proteomics_stat	2427925	2428038	-	5	8	R.YPTAGSSSASEAQPFYVNSPYGITLAHNGNLTNAHEL.R.K	42
PSTAT-3617	proteomics_stat	2428084	2428122	-	5	8	R.KANGLVSDVFEAR.H	17
PSTAT-3618	proteomics_stat	2428129	2428179	-	5	3	R.GQDAAGIITIDANNCFR.L	21
PSTAT-3619	proteomics_stat	2428129	2428203	-	5	2	D.ALTVLQHRGQDAAGIITIDANNCFR.L	29
PSTAT-3620	proteomics_stat	2428180	2428230	-	5	2	V.MPVNQSIYDALTVLQHR.G	21
PSTAT-3621	proteomics_stat	2428180	2428257	-	5	6	M.CGIVGIAGVMPVNSIYDALTVLQHR.G	30
PSTAT-3622	proteomics_stat	2429218	2429250	-	5	4	K.NADKVNEIVGK.L	15
PSTAT-3623	proteomics_stat	2429299	2429352	-	5	4	K.VEAPPAPKPEPKVVEEK.A	22
PSTAT-3624	proteomics_stat	2430017	2430070	-	6	8	R.VIFDVAHNPHAAEYLTR.M	22
PSTAT-3625	proteomics_stat	2430098	2430130	-	6	3	R.DGIASAILPGR.F	15
PSTAT-3626	proteomics_stat	2430317	2430385	-	6	2	R.SEKPAIVGEPEMPSTIADVAQEK.G	27
PSTAT-3627	proteomics_stat	2430785	2430841	-	6	2	R.LGVLPKPAFVFTVAGTNGK.G	23
PSTAT-3628	proteomics_stat	2430887	2430949	-	6	3	R.TPQAASPLASWLSYLENLHSK.T	25
PSTAT-3629	proteomics_stat	2431082	2431120	-	6	2	K.LMNLPAPEAPR.E	17
PSTAT-3630	proteomics_stat	2431256	2431282	-	6	2	K.ALIGFAGPR.V	13
PSTAT-3631	proteomics_stat	2431283	2431378	-	6	24	R.GLPYISVLTDPMTGGVSASFAMLGDLNIAEPK.A	36
PSTAT-3632	proteomics_stat	2431412	2431450	-	6	7	R.MQEALMSLMQMAK.T	17
PSTAT-3633	proteomics_stat	2431613	2431648	-	6	4	K.ETGEKDALVVMK.G	16
PSTAT-3634	proteomics_stat	2431613	2431666	-	6	3	R.LASAQKETGEKDALVVMK.G	22
PSTAT-3635	proteomics_stat	2431697	2431768	-	6	2	R.LHSLLDEGSLVELGSELEPKDVLK.F	28
PSTAT-3636	proteomics_stat	2431709	2431768	-	6	8	R.LHSLLDEGSLVELGSELEPK.D	24
PSTAT-3637	proteomics_stat	2431841	2431867	-	6	3	C.DSCGQVLYR.A	13
PSTAT-3638	proteomics_stat	2431871	2431903	-	6	7	R.KASIEGVVTK.C	15
PSTAT-3639	proteomics_stat	2432849	2432935	-	6	2	K.AEGLYLVAVDYPDRYDLKPPMGPLFLAD.-	33
PSTAT-3640	proteomics_stat	2433164	2433208	-	6	2	R.AAQCLLGENDFTSFR.A	19
PSTAT-3641	proteomics_stat	2433565	2433636	-	5	44	R.QFIKLRWALSTTAVSITAGNGRTK.S	28
PSTAT-3642	proteomics_stat	2433694	2433720	-	5	2	R.FGGALMAVK.I	13
PSTAT-3643	proteomics_stat	2433721	2433777	-	5	2	R.NDYGMPEQVQFWSVADNVR.F	23
PSTAT-3644	proteomics_stat	2434039	2434092	-	5	2	R.QLAFNMLPLLPDSEGSVR.E	22
PSTAT-3645	proteomics_stat	2434093	2434137	-	5	2	K.LLNGIPIDEEDFFGR.Q	19
PSTAT-3646	proteomics_stat	2434138	2434173	-	5	7	K.KAVDALAGQSAK.L	16
PSTAT-3647	proteomics_stat	2434216	2434299	-	5	4	R.NVIAVPDSLTSQLLAALKPLIDQGGLSR.I	32
PSTAT-3648	proteomics_stat	2434591	2434668	-	5	2	M.SEGWNIIVLGATGAVGEALLETLAER.Q	30
PSTAT-3649	proteomics_stat	2434740	2434772	-	4	3	K.LGFNAVHHPAR.-	15
PSTAT-3650	proteomics_stat	2434944	2434982	-	4	6	R.ITLHGPLDQPTLK.R	17
PSTAT-3651	proteomics_stat	2434944	2434985	-	4	3	G.RITLHGPLDQPTLK.R	18
PSTAT-3652	proteomics_stat	2434983	2435045	-	4	13	K.FIGHEQHVALDTLLPAPEFGR.I	25
PSTAT-3653	proteomics_stat	2435046	2435078	-	4	3	R.GTTQVFEAYSK.F	15
PSTAT-3654	proteomics_stat	2435085	2435132	-	4	3	K.VDIGTSHIAGYTLEGK.A	20
PSTAT-3655	proteomics_stat	2435085	2435135	-	4	11	K.KVDIGTSHIAGYTLEGK.A	21
PSTAT-3656	proteomics_stat	2435196	2435249	-	4	4	R.GAVVDNTALLTCLNEGQK.L	22
PSTAT-3657	proteomics_stat	2435250	2435288	-	4	7	R.SLKPGAILINACR.G	17
PSTAT-3658	proteomics_stat	2435298	2435321	-	4	3	K.TLHLADEK.L	12
PSTAT-3659	proteomics_stat	2435337	2435372	-	4	3	R.ADILTFHTPLFK.D	16
PSTAT-3660	proteomics_stat	2435640	2435693	-	4	2	K.FVGTATAGTDHVDEAWLK.Q	22
PSTAT-3661	proteomics_stat	2435694	2435729	-	4	5	K.VNESLLAGKPIK.F	16

PSTAT-3662	proteomics_stat	2435742	2435819	-	4	7	R.LGEVTAVPGRPIPVAQLADADALMVR.S	30
PSTAT-3663	proteomics_stat	2438422	2438487	-	5	3	R.ELTTVMSNSFGFGGTNATLVMR.K	26
PSTAT-3664	proteomics_stat	2438644	2438667	-	5	3	K.SPAISATK.A	12
PSTAT-3665	proteomics_stat	2438644	2438685	-	5	11	R.EVFGDKSPAISATK.A	18
PSTAT-3666	proteomics_stat	2438704	2438778	-	5	8	M.AMHGVDTPIDYLNHGTSTPVGDVK.E	29
PSTAT-3667	proteomics_stat	2438704	2438781	-	5	19	K.MAMHGVDTPIDYLNHGTSTPVGDVK.E	30
PSTAT-3668	proteomics_stat	2438881	2438949	-	5	84	R.DGFVIAGGGGMVVVEELEHALAR.G	27
PSTAT-3669	proteomics_stat	2438881	2438967	-	5	8	R.TYDAHRDGFVIAGGGGMVVVEELEHALAR.G	33
PSTAT-3670	proteomics_stat	2438977	2438997	-	5	3	K.YNDTPEK.A	11
PSTAT-3671	proteomics_stat	2439085	2439174	-	5	9	K.IHGVNYSISSACATSAHCIGNAVEQIQLGK.Q	34
PSTAT-3672	proteomics_stat	2439124	2439174	-	5	2	K.IHGVNYSISSACATSAH.C	21
PSTAT-3673	proteomics_stat	2439175	2439219	-	5	6	K.AMASGVSACLATPFK.I	19
PSTAT-3674	proteomics_stat	2439265	2439294	-	5	2	R.FQVFGADAMR.G	14
PSTAT-3675	proteomics_stat	2439295	2439330	-	5	2	V.GLIAGSGGGSPR.F	16
PSTAT-3676	proteomics_stat	2439295	2439333	-	5	5	R.VGLIAGSGGGSPR.F	17
PSTAT-3677	proteomics_stat	2439334	2439429	-	5	2	R.FMSDASIYAFLSMEQAIADAGLSPEAYQNNPR.V	36
PSTAT-3678	proteomics_stat	2439439	2439468	-	5	2	K.LDTTGLIDRK.V	14
PSTAT-3679	proteomics_stat	2439442	2439465	-	5	2	L.DTTGLIDR.K	12
PSTAT-3680	proteomics_stat	2439442	2439468	-	5	6	K.LDTTGLIDR.K	13
PSTAT-3681	proteomics_stat	2439469	2439492	-	5	4	R.SHVWGNVK.L	12
PSTAT-3682	proteomics_stat	2439508	2439537	-	5	2	R.SGITFSQELK.D	14
PSTAT-3683	proteomics_stat	2439547	2439618	-	5	26	R.AVITGLGIVSSIGNNQEVLASLR.E	28
PSTAT-3684	proteomics_stat	2442003	2442095	-	4	2	R.GHLTLAIAELESDDHSAQAVHTTVSQSLEK.A	35
PSTAT-3685	proteomics_stat	2444515	2444544	-	5	2	K.GRHDPCVGIR.A	14
PSTAT-3686	proteomics_stat	2444539	2444589	-	5	3	G.RTINRFGEVEMITKGR.H	21
PSTAT-3687	proteomics_stat	2444587	2444628	-	5	4	H.MALKPTSSITVPGR.T	18
PSTAT-3688	proteomics_stat	2444587	2444700	-	5	7	K.DGFQSNHAGGILGGISSGQQIIAHMALKPTSSITVPGR.T	42
PSTAT-3689	proteomics_stat	2444773	2444820	-	5	3	R.LDADIAHALMSINAVK.G	20
PSTAT-3690	proteomics_stat	2444773	2444853	-	5	2	V.PAGLGEPVFDRLDADIAHALMSINAVK.G	31
PSTAT-3691	proteomics_stat	2444773	2444877	-	5	8	K.VTVVASGVPAGLGEPVFDRLDADIAHALMSINAVK.G	39
PSTAT-3692	proteomics_stat	2445154	2445198	-	5	9	K.DVFRPGHADYTYEQK.Y	19
PSTAT-3693	proteomics_stat	2445154	2445222	-	5	7	R.SQDYSAIKDVFRPGHADYTYEQK.Y	27
PSTAT-3694	proteomics_stat	2445352	2445462	-	5	2	R.VTTFGESHLALGCIVDGVPPGIPLTEADLQHDLDRR.R	41
PSTAT-3695	proteomics_stat	2445463	2445492	-	5	2	M.AGNTIGQLFR.V	14
PSTAT-3696	proteomics_stat	2445533	2445556	-	6	2	R.EHFAIYKD.-	12
PSTAT-3697	proteomics_stat	2445746	2445790	-	6	2	R.HEPELGLASGTDGLK.L	19
PSTAT-3698	proteomics_stat	2446136	2446174	-	6	3	K.AWFCEGHEFYVDER.V	17
PSTAT-3699	proteomics_stat	2446175	2446201	-	6	4	R.IPVAYLTNK.A	13
PSTAT-3700	proteomics_stat	2446400	2446453	-	6	6	K.IFVDEAVNELQTIQDMLR.W	22
PSTAT-3701	proteomics_stat	2454739	2454813	-	5	4	R.HGDAALDAASDSVRPLTTNGCDESR.L	29
PSTAT-3702	proteomics_stat	2455190	2455252	-	6	5	R.DGDIGAVFGIGFPPFLGGPFR.Y	25
PSTAT-3703	proteomics_stat	2455346	2455399	-	6	3	K.KQVDPAIYPLIGTQQGQR.I	22
PSTAT-3704	proteomics_stat	2455544	2455606	-	6	3	K.FGFPVGIQILLDEVGIDTGTK.I	25
PSTAT-3705	proteomics_stat	2455607	2455636	-	6	2	R.VEHIDAALVK.F	14
PSTAT-3706	proteomics_stat	2455757	2455822	-	6	4	K.MPLVEIIPHAGTSAQTIATTVK.L	26
PSTAT-3707	proteomics_stat	2456324	2456368	-	6	2	R.AFGELAMTPQSALR.S	19

PSTAT-3708	proteomics_stat	2457292	2457384	-	5	12	R.AHATGEVDDSKFNVLGGSIAYGHPFAATGAR.M	35
PSTAT-3709	proteomics_stat	2457625	2457702	-	5	4	K.HGTVTAANSTPLTDGAAAVILMTESR.A	30
PSTAT-3710	proteomics_stat	2457757	2457828	-	5	5	K.LKEEVMTAFIPPYKQPLVEDNNIR.G	28
PSTAT-3711	proteomics_stat	2457821	2457889	-	6	3	T.ARCISAPFASACRSGMVRRTQR.R	27
PSTAT-3712	proteomics_stat	2457868	2457894	-	5	2	R.EQQDALAHR.S	13
PSTAT-3713	proteomics_stat	2458135	2458200	-	5	2	R.ACATSFQAVANVAESLMAGTIR.A	26
PSTAT-3714	proteomics_stat	2458258	2458338	-	5	12	R.SEIPAEVIEQLVFGQVVQMPEAPNIAR.E	31
PSTAT-3715	proteomics_stat	2458807	2458845	-	5	3	R.AEAEQTLAALTEK.A	17
PSTAT-3716	proteomics_stat	2462553	2462633	-	4	2	R.FGSTLGHYGVGYGPYVQLPFYGSFTLR.D	31
PSTAT-3717	proteomics_stat	2462724	2462825	-	4	6	R.NGLSNFTGNLEEPAVMVNYFLQGDYPYQGMVHFTR.F	38
PSTAT-3718	proteomics_stat	2462871	2462918	-	4	2	R.TMYNFNFVLDPYIVR.P	20
PSTAT-3719	proteomics_stat	2476870	2476920	-	5	10	I.RATNQARRIGCICILER.I	21
PSTAT-3720	proteomics_stat	2495274	2495318	-	4	4	K.IPEPYAAMGSLEFAK.K	19
PSTAT-3721	proteomics_stat	2495343	2495381	-	4	4	K.GLHEAGWMVEMPK.A	17
PSTAT-3722	proteomics_stat	2495829	2495876	-	4	2	R.SVPLVEGVDFFNELER.A	20
PSTAT-3723	proteomics_stat	2496096	2496146	-	4	2	K.LCTVAQRPDTHGYSTR.G	21
PSTAT-3724	proteomics_stat	2496234	2496281	-	4	2	R.IDRLPPYVFNITAEK.M	20
PSTAT-3725	proteomics_stat	2506507	2506584	-	5	5	K.EYVHDIPVYLIVHDNPGLLGSGAHLR.Q	30
PSTAT-3726	proteomics_stat	2506507	2506590	-	5	2	R.FKEYVHDIPVYLIVHDNPGLLGSGAHLR.Q	32
PSTAT-3727	proteomics_stat	2506513	2506590	-	5	2	R.FKEYVHDIPVYLIVHDNPGLLGSGAH.L	30
PSTAT-3728	proteomics_stat	2506801	2506824	-	5	2	R.LPENLKPK.D	12
PSTAT-3729	proteomics_stat	2506801	2506836	-	5	2	K.ADNRLPENLKPK.D	16
PSTAT-3730	proteomics_stat	2506849	2506884	-	5	3	R.VLSGPGLVNLYR.A	16
PSTAT-3731	proteomics_stat	2506885	2506914	-	5	6	R.AEIGHVSAER.V	14
PSTAT-3732	proteomics_stat	2506915	2506998	-	5	7	R.WVSLPGEGGHVDFAPNSEEEAILEILR.A	32
PSTAT-3733	proteomics_stat	2507002	2507109	-	5	2	K.EHLIQFGGAEPVEGKPIAVYGAGTGLGVAHLVHVDK.R	40
PSTAT-3734	proteomics_stat	2507356	2507400	-	5	2	R.LALCDIASGEISQAK.T	19
PSTAT-3735	proteomics_stat	2507401	2507439	-	5	2	K.YALVGDVGGTNAR.L	17
PSTAT-3736	proteomics_stat	2507401	2507445	-	5	4	M.TKYALVGDVGGTNAR.L	19
PSTAT-3737	proteomics_stat	2514841	2514891	-	5	2	R.WHLQALTDPLTLLPNFR.A	21
PSTAT-3738	proteomics_stat	2517357	2517407	-	4	3	R.VAVTGAGQSPALDVTVA.A	21
PSTAT-3739	proteomics_stat	2517426	2517512	-	4	16	K.LAAITDWTAEENVHHAIQATADELEVGMGK.V	33
PSTAT-3740	proteomics_stat	2517561	2517608	-	4	5	R.YFYEDFAEFDADAACK.H	20
PSTAT-3741	proteomics_stat	2517660	2517689	-	4	2	R.NGPQLADLVK.L	14
PSTAT-3742	proteomics_stat	2517789	2517815	-	4	3	K.SASAFNTDK.L	13
PSTAT-3743	proteomics_stat	2517816	2517842	-	4	2	K.YFTLNAVSK.S	13
PSTAT-3744	proteomics_stat	2517843	2517896	-	4	2	R.LGWSHGDQEIFREEMIK.Y	22
PSTAT-3745	proteomics_stat	2517858	2517896	-	4	6	R.LGWSHGDQEIFTR.E	17
PSTAT-3746	proteomics_stat	2517897	2517941	-	4	5	R.DDGYPLEALLNYLVR.L	19
PSTAT-3747	proteomics_stat	2517984	2518040	-	4	2	K.APVPVYAHVSMINGDDGKK.L	23
PSTAT-3748	proteomics_stat	2518068	2518097	-	4	10	R.GEDHINNTPR.Q	14
PSTAT-3749	proteomics_stat	2518098	2518172	-	4	2	R.TDGSPTYNFCVVVDDWDMEITHVIR.G	29
PSTAT-3750	proteomics_stat	2518176	2518223	-	4	5	R.GPIEFNSQELDDLIIR.R	20
PSTAT-3751	proteomics_stat	2518224	2518271	-	4	7	R.FANPQEGSVVFDQIR.G	20
PSTAT-3752	proteomics_stat	2518350	2518382	-	4	4	R.LEALREEQMAK.G	15
PSTAT-3753	proteomics_stat	2518404	2518451	-	4	5	R.YNAVIDQMLEEGTAYK.C	20

PSTAT-3754	proteomics_stat	2518551	2518574	-	4	6	R.IEDTDLER.S	12
PSTAT-3755	proteomics_stat	2518632	2518676	-	4	8	R.FAPSPTGYLHVGGAR.T	19
PSTAT-3756	proteomics_stat	2526255	2526296	-	4	4	K.KTDLVIAGEAAGSK.L	18
PSTAT-3757	proteomics_stat	2526318	2526389	-	4	5	V.VLTGSLSQMSRDDAKARLVELGAK.V	28
PSTAT-3758	proteomics_stat	2527101	2527172	-	4	7	R.LEPVHVAGVLSNATLHNADEIER.L	28
PSTAT-3759	proteomics_stat	2527200	2527223	-	4	2	R.DVEFQVGR.T	12
PSTAT-3760	proteomics_stat	2527284	2527328	-	4	5	K.VNSLAQQEQLGFVAR.A	19
PSTAT-3761	proteomics_stat	2527473	2527547	-	4	4	K.RPLTFFCYGVGVLEGGELPDTHLGR.L	29
PSTAT-3762	proteomics_stat	2527698	2527724	-	4	2	K.LHGENIPAR.L	13
PSTAT-3763	proteomics_stat	2528016	2528054	-	4	2	K.HPELITPDSPTQR.V	17
PSTAT-3764	proteomics_stat	2528016	2528069	-	4	5	R.ELETKHPELITPDSPTQR.V	22
PSTAT-3765	proteomics_stat	2528338	2528406	-	5	6	K.LMLQSAQHIADEVGGVVLDDQRR.M	27
PSTAT-3766	proteomics_stat	2528407	2528478	-	5	7	K.DFTTPGVTIFMQVPSYGDELQNFK.L	28
PSTAT-3767	proteomics_stat	2528479	2528562	-	5	12	R.HLSPDGSGPALFSLANMVKPGTFDPEMK.D	32
PSTAT-3768	proteomics_stat	2528506	2528562	-	5	3	R.HLSPDGSGPALFSLANMVK.P	23
PSTAT-3769	proteomics_stat	2528515	2528562	-	5	2	R.HLSPDGSGPALFSLAN.M	20
PSTAT-3770	proteomics_stat	2528950	2529000	-	5	4	R.PSPQHQQPPYASAPR.Q	21
PSTAT-3771	proteomics_stat	2529055	2529111	-	5	9	R.DDDSYDEDVEDDEGVGEVR.V	23
PSTAT-3772	proteomics_stat	2529055	2529114	-	5	3	K.RDDDSYDEDVEDDEGVGEVR.V	24
PSTAT-3773	proteomics_stat	2534525	2534572	-	6	2	K.GTGDLFCAQLISGLLK.G	20
PSTAT-3774	proteomics_stat	2534714	2534743	-	6	4	R.DLDSAIAAAK.S	14
PSTAT-3775	proteomics_stat	2534753	2534821	-	6	7	R.QYLLPLAQGITPNIFELEILTGN	27
PSTAT-3776	proteomics_stat	2534822	2534917	-	6	3	R.KDHPDLLIMVDPVIGDIDSGIYVKPDLPEAYR.Q	36
PSTAT-3777	proteomics_stat	2534948	2534989	-	6	3	R.AVTTGYMGTSQIK.I	18
PSTAT-3778	proteomics_stat	2536697	2536750	-	6	4	R.YLSTGVFGEHFSQGAGI.-	22
PSTAT-3779	proteomics_stat	2536811	2536864	-	6	3	R.EGIFCGVSSGGAVAGALR.V	22
PSTAT-3780	proteomics_stat	2536901	2536972	-	6	18	R.WPTEYLPGIFNASLVDEVLDIHQR.D	28
PSTAT-3781	proteomics_stat	2536973	2537044	-	6	2	R.EQSKPVTIVGLQPEEGSSIPGIRR.W	28
PSTAT-3782	proteomics_stat	2536976	2537044	-	6	2	R.EQSKPVTIVGLQPEEGSSIPGIR.R	27
PSTAT-3783	proteomics_stat	2537054	2537110	-	6	7	R.ITHFVSSMGTGTITGVSR.F	23
PSTAT-3784	proteomics_stat	2537210	2537236	-	6	3	R.DLALEMANR.G	13
PSTAT-3785	proteomics_stat	2537309	2537341	-	6	2	K.LLMPDNMSQER.R	15
PSTAT-3786	proteomics_stat	2537357	2537443	-	6	4	K.RGEIKPGDVLIEATSGNTGIALAMIAALK.G	33
PSTAT-3787	proteomics_stat	2537477	2537515	-	6	7	K.LEGNNPAGSVKDR.A	17
PSTAT-3788	proteomics_stat	2537483	2537515	-	6	2	K.LEGNNPAGSVK.D	15
PSTAT-3789	proteomics_stat	2537561	2537602	-	6	4	V.STLEQTIGNTPLVK.L	18
PSTAT-3790	proteomics_stat	2537841	2537930	-	4	3	K.GHYTQLVVQPLGWYNEPLTVVMHGDDAPQR.G	34
PSTAT-3791	proteomics_stat	2537931	2537984	-	4	2	R.RTSLDSPLPVQVLEASPK.G	22
PSTAT-3792	proteomics_stat	2538321	2538389	-	4	2	R.ALAVEPQILLLDEPFALDAQVR.K	27
PSTAT-3793	proteomics_stat	2538411	2538479	-	4	2	K.LLEMVQLAHLADRYPAQLSGGQK.Q	27
PSTAT-3794	proteomics_stat	2540537	2540590	-	6	2	K.THFTSGGELDKLLAAGR.N.-	22
PSTAT-3795	proteomics_stat	2540558	2540590	-	6	12	K.THFTSGGELDK.L	15
PSTAT-3796	proteomics_stat	2540591	2540629	-	6	2	R.VEDKFGSWPEVMK.T	17
PSTAT-3797	proteomics_stat	2540666	2540692	-	6	3	R.VNNPEVMDK.L	13
PSTAT-3798	proteomics_stat	2540693	2540755	-	6	2	K.AYLNWLYSPQAQTIITDYYR.V	25
PSTAT-3799	proteomics_stat	2540765	2540833	-	6	5	K.TNILAEFPVAWVDKNVQANGTEK.A	27

PSTAT-3800	proteomics_stat	2540792	2540833	-	6	3	K.TNILAEFPVAWVDK.N	18
PSTAT-3801	proteomics_stat	2540834	2540872	-	6	2	K.QYEAQGFVVIPK.T	17
PSTAT-3802	proteomics_stat	2540834	2540875	-	6	4	R.KQYEAQGFVVIPK.T	18
PSTAT-3803	proteomics_stat	2540873	2540926	-	6	20	R.GLGDVLISFESEVNNIRK.Q	22
PSTAT-3804	proteomics_stat	2540876	2540926	-	6	21	R.GLGDVLISFESEVNNIR.K	21
PSTAT-3805	proteomics_stat	2540954	2540983	-	6	3	K.NVEVFDTGGR.G	14
PSTAT-3806	proteomics_stat	2540984	2541037	-	6	6	K.ADGGDKGKTEQFMTQFLK.N	22
PSTAT-3807	proteomics_stat	2541125	2541154	-	6	5	K.NIHDWNDLVR.S	14
PSTAT-3808	proteomics_stat	2541170	2541220	-	6	9	R.LPNNSSPFYSTMGFLVR.K	21
PSTAT-3809	proteomics_stat	2541254	2541307	-	6	4	K.ADVVTYNQVTDVQILHDK.G	22
PSTAT-3810	proteomics_stat	2541308	2541337	-	6	4	K.QALAILQGLK.A	14
PSTAT-3811	proteomics_stat	2541362	2541391	-	6	3	K.DNGGDKLTIK.Q	14
PSTAT-3812	proteomics_stat	2541392	2541439	-	6	4	R.ELFAALNPPFEQQWAK.D	20
PSTAT-3813	proteomics_stat	2541440	2541475	-	6	2	A.TELLNSSYDVSR.E	16
PSTAT-3814	proteomics_stat	2542079	2542108	-	6	3	R.VNAICPGYVR.T	14
PSTAT-3815	proteomics_stat	2542169	2542240	-	6	4	R.IVMMSSVTGDMVADPGETAYALTK.A	28
PSTAT-3816	proteomics_stat	2542514	2542561	-	6	10	R.HGANLILLDISPEIEK.L	20
PSTAT-3817	proteomics_stat	2542574	2542624	-	6	2	K.TALITGALQGIGEGIAR.T	21
PSTAT-3818	proteomics_stat	2547683	2547733	-	6	10	R.FTKPVTGGYYFAPSLDK.L	21
PSTAT-3819	proteomics_stat	2547749	2547805	-	6	18	R.LHNIEQQLLSMFGDTDGKR.D	23
PSTAT-3820	proteomics_stat	2547752	2547805	-	6	3	R.LHNIEQQLLSMFGDTDGK.R	22
PSTAT-3821	proteomics_stat	2547914	2547976	-	6	8	R.TKEANEEIDGDERPETSHLTR.V	25
PSTAT-3822	proteomics_stat	2547977	2548012	-	6	4	R.MSVHDQEMVIGR.T	16
PSTAT-3823	proteomics_stat	2548043	2548084	-	6	4	K.DGVDAGGSYFVQR.W	18
PSTAT-3824	proteomics_stat	2548106	2548159	-	6	5	R.DLSGFVDGTENPAGEETR.R	22
PSTAT-3825	proteomics_stat	2548262	2548315	-	6	4	K.GLAPTTQFDVLIHILSLR.H	22
PSTAT-3826	proteomics_stat	2548316	2548372	-	6	3	R.ALSGGVGAEEELKDFPGYGK.G	23
PSTAT-3827	proteomics_stat	2548373	2548426	-	6	6	K.FPDAHLGAVVAFGNNTWR.A	22
PSTAT-3828	proteomics_stat	2548526	2548564	-	6	7	M.SQVQSGILPEHCR.A	17
PSTAT-3829	proteomics_stat	2548876	2548920	-	5	5	R.IDVLDSIPADTGVK.I	19
PSTAT-3830	proteomics_stat	2548921	2548971	-	5	2	K.GDNVAMVINGDQGTISR.I	21
PSTAT-3831	proteomics_stat	2549032	2549118	-	5	3	K.VSEQVGELTASTPLQEQAADALDGDYR.L	33
PSTAT-3832	proteomics_stat	2549924	2549962	-	6	3	R.GSAYYLGVHPEFR.G	17
PSTAT-3833	proteomics_stat	2553784	2553828	-	5	2	K.AACNAFTDAVLEIAR.N	19
PSTAT-3834	proteomics_stat	2554252	2554317	-	5	2	R.SLGLISADSDDVTYIAADEATK.Q	26
PSTAT-3835	proteomics_stat	2554894	2554971	-	5	2	K.AQGLLEVRSEISDKNLYLTPDMGRR.L	30
PSTAT-3836	proteomics_stat	2555685	2555753	-	4	4	R.HYDPFIVNTVVGFIGPEYLYNDR.Q	27
PSTAT-3837	proteomics_stat	2555943	2555990	-	4	2	R.GAPGGLIFQSIGSEK.G	20
PSTAT-3838	proteomics_stat	2556222	2556266	-	4	3	K.KANTTIGIPGTF SAR.L	19
PSTAT-3839	proteomics_stat	2560434	2560517	-	4	2	V.SNYSAWLLPVVPLPLLLLCATASAHPLR.L	32
PSTAT-3840	proteomics_stat	2570200	2570277	-	5	3	R.IGELVSVHVIPRPHGDLEEVFPIGLK.G	30
PSTAT-3841	proteomics_stat	2570278	2570313	-	5	2	K.AATDAGAAAAQR.I	16
PSTAT-3842	proteomics_stat	2574177	2574212	-	4	3	K.PVHVLTPIASVR.R	16
PSTAT-3843	proteomics_stat	2574177	2574266	-	4	10	R.VSSSEGVTGVPVLMGVAKPVHVLTPIASVR.R	34
PSTAT-3844	proteomics_stat	2574459	2574515	-	4	10	R.VALLSHSNFGSSDCPSSSK.M	23
PSTAT-3845	proteomics_stat	2574696	2574761	-	4	6	R.GEADAMICGTVGDYHEHFSVVK.N	26

PSTAT-3846	proteomics_stat	2574762	2574809	-	4	7	R.ALISNPTVIGAIMVQR.G	20
PSTAT-3847	proteomics_stat	2574843	2574881	-	4	16	R.FKEYWTEYFQIMK.R	17
PSTAT-3848	proteomics_stat	2574882	2574926	-	4	6	K.AGVDFEIVNNE SDPR.F	19
PSTAT-3849	proteomics_stat	2574954	2575037	-	4	3	R.VLHATQELVTLGLAKPILIGRPNVIEMR.I	32
PSTAT-3850	proteomics_stat	2574993	2575037	-	4	6	R.VLHATQELVTLGLAK.P	19
PSTAT-3851	proteomics_stat	2575038	2575070	-	4	12	K.RVVLPEGEEAR.V	15
PSTAT-3852	proteomics_stat	2575083	2575121	-	4	11	K.TNLFMKPIFSQAR.K	17
PSTAT-3853	proteomics_stat	2575122	2575205	-	4	23	K.AAMESGVATRPIADFDVYIDKLTEFVYK.T	32
PSTAT-3854	proteomics_stat	2575143	2575205	-	4	4	K.AAMESGVATRPIADFDVYIDK.L	25
PSTAT-3855	proteomics_stat	2575368	2575412	-	4	3	R.GALDVGATAINEEMK.L	19
PSTAT-3856	proteomics_stat	2575467	2575502	-	4	3	K.EVRPDAIICTGR.S	16
PSTAT-3857	proteomics_stat	2575503	2575553	-	4	2	M.ILALANPEPEILPPLAK.E	21
PSTAT-3858	proteomics_stat	2575503	2575562	-	4	4	R.APMILALANPEPEILPPLAK.E	24
PSTAT-3859	proteomics_stat	2575572	2575598	-	4	2	K.VLTQEMVKK.M	13
PSTAT-3860	proteomics_stat	2575599	2575655	-	4	8	R.TLDDVIEGADIFLGCSGPK.V	23
PSTAT-3861	proteomics_stat	2575656	2575688	-	4	7	K.AAYAVVDDGKR.T	15
PSTAT-3862	proteomics_stat	2575689	2575733	-	4	4	K.GVIYQGREPNMAETK.A	19
PSTAT-3863	proteomics_stat	2575734	2575760	-	4	8	K.HNIVVCD SK.G	13
PSTAT-3864	proteomics_stat	2575863	2575940	-	4	27	R.MNIPVFHDDQHGTAIISTAAI L NGLR.V	30
PSTAT-3865	proteomics_stat	2576118	2576210	-	4	30	R.GNLVAVISNGTAVLGLGNIGALAGKPVMEGK.G	35
PSTAT-3866	proteomics_stat	2576301	2576339	-	4	9	K.IQVSPTKPLATQR.D	17
PSTAT-3867	proteomics_stat	2576340	2576381	-	4	2	K.QSALDFHEFPVPGK.I	18
PSTAT-3868	proteomics_stat	2582093	2582137	-	6	7	N.VVVLGGGDTAMDCVR.T	19
PSTAT-3869	proteomics_stat	2582093	2582137	-	6	7	N.VVVLGGGDTAMDCVR.T	19
PSTAT-3870	proteomics_stat	2582504	2582560	-	6	10	R.VAIIGAGPAGLACADVLTR.N	23
PSTAT-3871	proteomics_stat	2582504	2582560	-	6	10	R.VAIIGAGPAGLACADVLTR.N	23
PSTAT-3872	proteomics_stat	2592043	2592093	-	5	2	G.CLLRLLQTSELALPALR.G	21
PSTAT-3873	proteomics_stat	2594951	2594995	-	6	20	R.QSLGGLIEAYEAVAR.R	19
PSTAT-3874	proteomics_stat	2594951	2594998	-	6	3	F.RQSLGGLIEAYEAVAR.R	20
PSTAT-3875	proteomics_stat	2595017	2595043	-	6	12	R.LWDKETLEK.M	13
PSTAT-3876	proteomics_stat	2595044	2595088	-	6	7	K.GEVVLGDEFSPDGSR.L	19
PSTAT-3877	proteomics_stat	2595110	2595151	-	6	2	K.KLFD DAGLILVDFK.L	18
PSTAT-3878	proteomics_stat	2595170	2595190	-	6	4	R.MKELTYK.A	11
PSTAT-3879	proteomics_stat	2595206	2595271	-	6	15	K.NDAMHDPMVNESYCETFGWVSK.E	26
PSTAT-3880	proteomics_stat	2595272	2595325	-	6	2	L.GIEEGIELNPPLFDLFLK.N	22
PSTAT-3881	proteomics_stat	2595272	2595328	-	6	222	R.LGIEEGIELNPPLFDLFLK.N	23
PSTAT-3882	proteomics_stat	2595272	2595331	-	6	37	K.RLGIEEGIELNPPLFDLFLK.N	24
PSTAT-3883	proteomics_stat	2595359	2595394	-	6	20	K.KLDMVPECVVR.N	16
PSTAT-3884	proteomics_stat	2595395	2595424	-	6	3	R.LLSDTECLVK.K	14
PSTAT-3885	proteomics_stat	2595425	2595460	-	6	6	K.LAEAGIPTQMER.L	16
PSTAT-3886	proteomics_stat	2595461	2595484	-	6	6	K.FNYFIMSK.L	12
PSTAT-3887	proteomics_stat	2595461	2595502	-	6	5	K.GMVNNKFNYFIMSK.L	18
PSTAT-3888	proteomics_stat	2595554	2595598	-	6	2	T.VYSTENPDLLVLEFR.N	19
PSTAT-3889	proteomics_stat	2595554	2595601	-	6	35	K.TVYSTENPDLLVLEFR.N	20
PSTAT-3890	proteomics_stat	2595856	2595921	-	5	38	K.GHTLTQSQNDALVAVFQA AFSK.-	26
PSTAT-3891	proteomics_stat	2596153	2596218	-	5	4	R.ASTTMDVQSAADDTGLPMLVVR.G	26

PSTAT-3892	proteomics_stat	2596219	2596254	-	5	9	K.SATDAANAAQNR.A	16
PSTAT-3893	proteomics_stat	2596255	2596299	-	5	7	R.YSTEMMNVISAGLDK.S	19
PSTAT-3894	proteomics_stat	2596300	2596356	-	5	9	K.LLNLEQAGKPVADAASMQR.Y	23
PSTAT-3895	proteomics_stat	2596357	2596407	-	5	9	R.YQISVKPQGYQQAVTVK.L	21
PSTAT-3896	proteomics_stat	2596414	2596437	-	5	5	R.LDEDEQYR.G	12
PSTAT-3897	proteomics_stat	2596414	2596485	-	5	2	R.DDAGQTLTDDWVQWNRLEDEQYR.G	28
PSTAT-3898	proteomics_stat	2596438	2596485	-	5	5	R.DDAGQTLTDDWVQWNR.L	20
PSTAT-3899	proteomics_stat	2596507	2596551	-	5	5	R.GNTLWPQVSVLQAK.N	19
PSTAT-3900	proteomics_stat	2596552	2596599	-	5	3	R.TQFTGDTASLLVENGR.G	20
PSTAT-3901	proteomics_stat	2596600	2596653	-	5	3	K.ALDIRPPAQPLALVSGAR.T	22
PSTAT-3902	proteomics_stat	2596946	2596978	-	6	3	R.LPMPITDSEGR.E	15
PSTAT-3903	proteomics_stat	2596946	2597011	-	6	3	K.ELGLVATDTRLRLPMPITDSEGR.E	26
PSTAT-3904	proteomics_stat	2596979	2597011	-	6	2	K.ELGLVATDTRLR.L	15
PSTAT-3905	proteomics_stat	2597024	2597056	-	6	2	K.LFVEPNPIPVK.W	15
PSTAT-3906	proteomics_stat	2597093	2597122	-	6	6	L.AAEGHFAEAR.V	14
PSTAT-3907	proteomics_stat	2597093	2597125	-	6	9	K.LAAEGHFAEAR.V	15
PSTAT-3908	proteomics_stat	2597369	2597422	-	6	8	K.AIAEHTDLPQILYNVPSR.T	22
PSTAT-3909	proteomics_stat	2597423	2597509	-	6	6	R.FNDSGIVGCLTVTPYYNRPSQEGLYQHFK.A	33
PSTAT-3910	proteomics_stat	2597510	2597572	-	6	5	R.IPVIAGTGANATAEAISLTQR.F	25
PSTAT-3911	proteomics_stat	2597735	2597782	-	6	12	P.MFTGSIVAIVTPMDEK.G	20
PSTAT-3912	proteomics_stat	2616211	2616252	-	5	2	G.FELPEDVGRFLLKR.L	18
PSTAT-3913	proteomics_stat	2616589	2616630	-	5	2	R.SHLLHAACAELSQR.G	18
PSTAT-3914	proteomics_stat	2618271	2618381	-	4	33	K.AHPDVELYASIDQGLNEHGYIIPGLGDAGDKIFGK.-	41
PSTAT-3915	proteomics_stat	2618286	2618381	-	4	3	K.AHPDVELYASIDQGLNEHGYIIPGLGDAGDK.I	36
PSTAT-3916	proteomics_stat	2618382	2618429	-	4	11	K.VLVLVAPEGIAALEK.A	20
PSTAT-3917	proteomics_stat	2618451	2618522	-	4	8	R.MALIVDPMLATGGSVIATIDLLK.A	28
PSTAT-3918	proteomics_stat	2618454	2618522	-	4	47	R.MALIVDPMLATGGSVIATIDLLK.K	27
PSTAT-3919	proteomics_stat	2618523	2618546	-	4	8	K.LVSNIDER.M	12
PSTAT-3920	proteomics_stat	2618547	2618585	-	4	12	R.NEETLEPVYFQK.L	17
PSTAT-3921	proteomics_stat	2618586	2618609	-	4	2	R.ISVVGMYR.N	12
PSTAT-3922	proteomics_stat	2618610	2618660	-	4	9	R.AGLGMDGVLENVPSAR.I	21
PSTAT-3923	proteomics_stat	2618661	2618687	-	4	3	K.KITVVPILR.A	13
PSTAT-3924	proteomics_stat	2618694	2618741	-	4	6	K.VTIEGWNGPVEIDQIK.G	20
PSTAT-3925	proteomics_stat	2618742	2618807	-	4	2	R.ELASEVGSLLTYEATADLETEK.V	26
PSTAT-3926	proteomics_stat	2618742	2618813	-	4	10	R.FRELADEVGSLLTYEATADLETEK.V	28
PSTAT-3927	proteomics_stat	2618814	2618837	-	4	3	R.EQDISTKR.F	12
PSTAT-3928	proteomics_stat	2622890	2622940	-	6	5	R.RHFNTIINIARHPVGGR.K	21
PSTAT-3929	proteomics_stat	2628983	2629030	-	6	6	R.VVYDISGKPPATIEWE.-	20
PSTAT-3930	proteomics_stat	2629031	2629060	-	6	2	R.IINEVNGISR.V	14
PSTAT-3931	proteomics_stat	2629073	2629105	-	6	3	H.WAHLPYDFLGR.V	15
PSTAT-3932	proteomics_stat	2629073	2629138	-	6	8	R.AVETIDFMTAHWAHLPYDFLGR.V	26
PSTAT-3933	proteomics_stat	2629139	2629165	-	6	3	R.KYDWWVSLR.A	13
PSTAT-3934	proteomics_stat	2629193	2629228	-	6	6	K.VSQAFTVFLPVR.S	16
PSTAT-3935	proteomics_stat	2629193	2629246	-	6	3	K.ADLYDKVSQAFTVFLPVR.S	22
PSTAT-3936	proteomics_stat	2629193	2629249	-	6	19	R.KADLYDKVSQAFTVFLPVR.S	23
PSTAT-3937	proteomics_stat	2629229	2629249	-	6	9	R.KADLYDK.V	11

PSTAT-3938	proteomics_stat	2629247	2629282	-	6	4	R.RADAIFIEELRK.A	16
PSTAT-3939	proteomics_stat	2629250	2629282	-	6	16	R.RADAIFIEELR.K	15
PSTAT-3940	proteomics_stat	2629358	2629399	-	6	6	K.IGLELGLPYDMLYR.H	18
PSTAT-3941	proteomics_stat	2629358	2629402	-	6	4	R.KIGLELGLPYDMLYR.H	19
PSTAT-3942	proteomics_stat	2629403	2629450	-	6	13	K.MGLVEPLKELFKDEVR.K	20
PSTAT-3943	proteomics_stat	2629415	2629450	-	6	2	K.MGLVEPLKELFK.D	16
PSTAT-3944	proteomics_stat	2629505	2629567	-	6	8	K.WLAQGTIYPDVIESAASATGK.A	25
PSTAT-3945	proteomics_stat	2629568	2629618	-	6	17	R.VFVEVFDEEALKLEDVK.W	21
PSTAT-3946	proteomics_stat	2629637	2629678	-	6	8	R.FLSALAGENDPEAK.R	18
PSTAT-3947	proteomics_stat	2629679	2629759	-	6	24	R.LNEAEQVLDMFGDHFGLNIVHVPAEDR.F	31
PSTAT-3948	proteomics_stat	2629760	2629798	-	6	5	K.NLTCVFDNGLLR.L	17
PSTAT-3949	proteomics_stat	2629811	2629891	-	6	7	R.EQVGDDKVILGLSGGVDSSVTAMLLHR.A	31
PSTAT-3950	proteomics_stat	2629811	2629897	-	6	3	R.IREQVGDDKVILGLSGGVDSSVTAMLLHR.A	33
PSTAT-3951	proteomics_stat	2629898	2629921	-	6	2	K.IIDDAVAR.I	12
PSTAT-3952	proteomics_stat	2629922	2629960	-	6	4	R.DICQCEALWTPAK.I	17
PSTAT-3953	proteomics_stat	2630036	2630119	-	6	2	K.VTAIPSDFITVASTESCPFAIMANEEKR.F	32
PSTAT-3954	proteomics_stat	2630039	2630119	-	6	5	K.VTAIPSDFITVASTESCPFAIMANEEK.R	31
PSTAT-3955	proteomics_stat	2630120	2630188	-	6	4	R.GIEDALTADGKPLLDVWMSHGDK.V	27
PSTAT-3956	proteomics_stat	2630189	2630239	-	6	9	R.EFGYAQVEVNDALVR.G	21
PSTAT-3957	proteomics_stat	2630240	2630275	-	6	2	M.QLGGHVEASNER.E	16
PSTAT-3958	proteomics_stat	2630240	2630281	-	6	2	M.AMQLGGHVEASNER.E	18
PSTAT-3959	proteomics_stat	2630348	2630416	-	6	13	R.DFNPSGIILSGGPESTTEENSPR.A	27
PSTAT-3960	proteomics_stat	2630483	2630530	-	6	9	R.ILILDFGSQYTLVAR.R	20
PSTAT-3961	proteomics_stat	2630656	2630706	-	5	5	I.SGAGIQESHVHDVTITK.E	21
PSTAT-3962	proteomics_stat	2630656	2630709	-	5	23	R.ISGAGIQESHVHDVTITK.E	22
PSTAT-3963	proteomics_stat	2630776	2630808	-	5	7	K.EIIHQMGGLR.S	15
PSTAT-3964	proteomics_stat	2630776	2630814	-	5	12	R.LKEIIHQMGGLR.S	17
PSTAT-3965	proteomics_stat	2630833	2630889	-	5	5	R.YFQSDNAADKLVPEGIEGR.V	23
PSTAT-3966	proteomics_stat	2630860	2630889	-	5	5	R.YFQSDNAADK.L	14
PSTAT-3967	proteomics_stat	2630905	2630934	-	5	3	R.GMGSLGAMSK.G	14
PSTAT-3968	proteomics_stat	2630953	2631045	-	5	61	K.AIAAGASAVMVGSMLAGTEESPEIELYQGR.S	35
PSTAT-3969	proteomics_stat	2631067	2631168	-	5	52	R.IVTGVGVPQITAVADAVEALEGTGIPVIADGGIR.F	38
PSTAT-3970	proteomics_stat	2631067	2631171	-	5	3	T.RIVTGVGVPQITAVADAVEALEGTGIPVIADGGIR.F	39
PSTAT-3971	proteomics_stat	2631169	2631204	-	5	3	K.VGIGPGSICTTR.I	16
PSTAT-3972	proteomics_stat	2631205	2631237	-	5	8	R.ALAEAGCSAVK.V	15
PSTAT-3973	proteomics_stat	2631238	2631291	-	5	6	K.YPDLQIIGGNVATAAGAR.A	22
PSTAT-3974	proteomics_stat	2631238	2631297	-	5	30	R.AKYPDLQIIGGNVATAAGAR.A	24
PSTAT-3975	proteomics_stat	2631313	2631393	-	5	6	R.VDALVAAGVDVLLIDSSHGHSEGLQR.I	31
PSTAT-3976	proteomics_stat	2631313	2631435	-	5	7	R.VGAAVGAGAGNEERVDALVAAGVDVLLIDSSHGHSEGLQR.I	45
PSTAT-3977	proteomics_stat	2631394	2631435	-	5	11	R.VGAAVGAGAGNEER.V	18
PSTAT-3978	proteomics_stat	2631496	2631546	-	5	197	K.ALVVDEFHLLIGMITVK.D	21
PSTAT-3979	proteomics_stat	2631625	2631672	-	5	9	R.FVTDLNQPVSVYMPK.E	20
PSTAT-3980	proteomics_stat	2631682	2631747	-	5	79	R.NGFAGYPVVTEENELVGIITGR.D	26
PSTAT-3981	proteomics_stat	2631769	2631828	-	5	2	K.HESGVVTDPPQTVLPTTTLR.V	24
PSTAT-3982	proteomics_stat	2631772	2631828	-	5	6	K.HESGVVTDPPQTVLPTTTLR.E	23
PSTAT-3983	proteomics_stat	2631772	2631831	-	5	2	K.KHESGVVTDPPQTVLPTTTLR.E	24

PSTAT-3984	proteomics_stat	2631772	2631837	-	5	6	R.VKKHESGVVTDQPVLPTTLR.E	26
PSTAT-3985	proteomics_stat	2631877	2631924	-	5	36	R.LAIALAQEGGIGFIHK.N	20
PSTAT-3986	proteomics_stat	2631925	2631975	-	5	20	R.LNIPMLSAAMDTVTEAR.L	21
PSTAT-3987	proteomics_stat	2631985	2632074	-	5	43	K.EALTFDDVLLVPAHSTVLPNTADLSTQLTK.T	34
PSTAT-3988	proteomics_stat	2633948	2633977	-	6	2	K.RNTLTPTQMR.K	14
PSTAT-3989	proteomics_stat	2633975	2634004	-	6	3	K.EGENPYANKR.N	14
PSTAT-3990	proteomics_stat	2633978	2634004	-	6	2	K.EGENPYANK.R	13
PSTAT-3991	proteomics_stat	2634095	2634154	-	6	7	K.YAHAGGYNPPIVVIHGNQVK.D	24
PSTAT-3992	proteomics_stat	2634176	2634220	-	6	2	R.IMTMAVEDHQPLVR.G	19
PSTAT-3993	proteomics_stat	2634386	2634436	-	6	3	R.SLVIVVNKWDGLSQEVK.E	21
PSTAT-3994	proteomics_stat	2634437	2634493	-	6	7	R.EGISDQDLSLLGFIILNSGR.S	23
PSTAT-3995	proteomics_stat	2634734	2634766	-	6	2	K.LAIVGRPNVGK.S	15
PSTAT-3996	proteomics_stat	2634932	2635021	-	6	30	K.TDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	34
PSTAT-3997	proteomics_stat	2634932	2635051	-	6	2	R.EKPTFLVANKTDGLDPDQAVVDFYSLGLGEIYPIAASHGR.G	44
PSTAT-3998	proteomics_stat	2635169	2635228	-	6	3	R.EFICIDTGGIDGTEDGVETR.M	24
PSTAT-3999	proteomics_stat	2635334	2635378	-	6	4	N.MVPVVALVGRPNVGK.S	19
PSTAT-4000	proteomics_stat	2635499	2635525	-	6	8	K.DGTVYSITR.-	13
PSTAT-4001	proteomics_stat	2635544	2635591	-	6	12	K.VDSSGFQTEPVAADGK.L	20
PSTAT-4002	proteomics_stat	2635763	2635789	-	6	3	R.IYLVQDNR.V	13
PSTAT-4003	proteomics_stat	2635790	2635831	-	6	4	R.ELGSVNDFIVDGNR.I	18
PSTAT-4004	proteomics_stat	2635835	2635855	-	6	3	R.SGQIMWK.R	11
PSTAT-4005	proteomics_stat	2635856	2635945	-	6	40	R.LSDVDTPVVVNGVVFALAYNGNLTALDLR.S	34
PSTAT-4006	proteomics_stat	2635946	2635981	-	6	8	R.ISQATGSTEIDR.L	16
PSTAT-4007	proteomics_stat	2635982	2636029	-	6	4	R.VSAVLMQQMIWQQR.I	20
PSTAT-4008	proteomics_stat	2636030	2636089	-	6	6	R.GESAPTTAFGAAVVGGDNGR.V	24
PSTAT-4009	proteomics_stat	2636090	2636128	-	6	3	K.WTVNLDMPSLSLR.G	17
PSTAT-4010	proteomics_stat	2636129	2636212	-	6	2	R.PVVSDDLVIHTSNGQLQALNEADGAVK.W	32
PSTAT-4011	proteomics_stat	2636129	2636236	-	6	3	K.VAGEALSRPVVSDGLVLIHTSNGQLQALNEADGAVK.W	40
PSTAT-4012	proteomics_stat	2636237	2636290	-	6	3	K.AQVYALNTSDGTVAWQTK.V	22
PSTAT-4013	proteomics_stat	2636291	2636356	-	6	2	K.EPALLSGGVTVSGGHVYIGSEK.A	26
PSTAT-4014	proteomics_stat	2636291	2636374	-	6	7	K.DGWFSKEPALLSGGVTVSGGHVYIGSEK.A	32
PSTAT-4015	proteomics_stat	2636375	2636428	-	6	5	K.ALNADDGKEIWSVSLAEK.D	22
PSTAT-4016	proteomics_stat	2636706	2636747	-	4	2	K.SDVTPALSEMMQMK.I	18
PSTAT-4017	proteomics_stat	2636934	2636987	-	4	6	K.AAAQLQQGLADTSDENLK.A	22
PSTAT-4018	proteomics_stat	2636988	2637056	-	4	8	K.NTYGALASLELAQQFVDKNELEK.A	27
PSTAT-4019	proteomics_stat	2637075	2637152	-	4	6	R.SASLAYQNAVTAVSEGKPD SIPAAEK.F	30
PSTAT-4020	proteomics_stat	2637338	2637388	-	6	10	R.SGEQTAVAQDSVAHLR.T	21
PSTAT-4021	proteomics_stat	2637344	2637388	-	6	2	R.SGEQTAVAQDSVAHL.L	19
PSTAT-4022	proteomics_stat	2637485	2637520	-	6	2	K.LMTNHGGGNFKK.Q	16
PSTAT-4023	proteomics_stat	2637548	2637625	-	6	3	K.ADPVVDIYLVASGADTQSAAMALAER.L	30
PSTAT-4024	proteomics_stat	2637626	2637664	-	6	2	R.LVLLVQAVNPEFK.A	17
PSTAT-4025	proteomics_stat	2637830	2637871	-	6	3	K.LLESAGIAYTVNQR.L	18
PSTAT-4026	proteomics_stat	2637896	2637964	-	6	2	K.NPEVQALLNDAPALGDYLDDEESR.E	27
PSTAT-4027	proteomics_stat	2638025	2638063	-	6	2	R.DALVAFLEQHKEK.L	17
PSTAT-4028	proteomics_stat	2638031	2638075	-	6	3	R.ANYRDALVAFLEQHK.E	19
PSTAT-4029	proteomics_stat	2638286	2638327	-	6	19	R.AGIEHLLYNQEQR.L	18

PSTAT-4030	proteomics_stat	2638328	2638378	-	6	4	R.NGDSLTLRPEGTAGCVR.A	21
PSTAT-4031	proteomics_stat	2638403	2638435	-	6	3	R.AIGEVTDVVEK.E	15
PSTAT-4032	proteomics_stat	2638403	2638438	-	6	2	K.RAIGEVTDVVEK.E	16
PSTAT-4033	proteomics_stat	2638439	2638471	-	6	3	R.LPIVEQTPLFK.R	15
PSTAT-4034	proteomics_stat	2638439	2638507	-	6	2	K.NVLGSYGYSEIRLPIVEQTPLFK.R	27
PSTAT-4035	proteomics_stat	2638472	2638507	-	6	2	K.NVLGSYGYSEIR.L	16
PSTAT-4036	proteomics_stat	2638526	2638570	-	6	4	R.GMNDYLPGETAIWQR.I	19
PSTAT-4037	proteomics_stat	2638774	2638812	-	5	3	R.LDNNDMIDQLEAR.I	17
PSTAT-4038	proteomics_stat	2638774	2638818	-	5	3	K.DRLDNNDMIDQLEAR.I	19
PSTAT-4039	proteomics_stat	2638819	2638848	-	5	3	K.SGLYEDGVRK.D	14
PSTAT-4040	proteomics_stat	2638849	2638956	-	5	19	R.LEDIIITPMDVSIIGCVVNGPGEALVSTLGVTTGGNKK.S	40
PSTAT-4041	proteomics_stat	2638957	2639001	-	5	2	R.QEFDVIGTVNALEQR.L	19
PSTAT-4042	proteomics_stat	2639116	2639169	-	5	60	K.SAIGLGLLLSEGIGDTLR.V	22
PSTAT-4043	proteomics_stat	2639185	2639235	-	5	4	K.QIDQPLHLGITEAGGAR.S	21
PSTAT-4044	proteomics_stat	2639338	2639382	-	5	3	K.YGEPTPQALLESAMR.H	19
PSTAT-4045	proteomics_stat	2639428	2639451	-	5	3	A.RDKNIPIR.I	12
PSTAT-4046	proteomics_stat	2639476	2639508	-	5	2	R.INPGNIGNEER.I	15
PSTAT-4047	proteomics_stat	2639680	2639715	-	5	2	R.TTDVEATVNQIK.A	16
PSTAT-4048	proteomics_stat	2639716	2639784	-	5	3	R.IYVGNVPIGDGAPIAVQSMTNTR.T	27
PSTAT-4049	proteomics_stat	2639916	2639975	-	4	2	K.IGAAPAVQIQYQGKPVDSLR.F	24
PSTAT-4050	proteomics_stat	2639934	2639975	-	4	2	K.IGAAPAVQIQYQ GK.P	18
PSTAT-4051	proteomics_stat	2639982	2640020	-	4	7	K.DGNLNLTGQAPYK.L	17
PSTAT-4052	proteomics_stat	2639982	2640023	-	4	4	R.KDGNLNLTGQAPYK.L	18
PSTAT-4053	proteomics_stat	2640612	2640656	-	4	3	R.LVHIPEEELLPGLEK.Q	19
PSTAT-4054	proteomics_stat	2640681	2640731	-	4	4	R.DIEEDKAPADLASTFLR.G	21
PSTAT-4055	proteomics_stat	2640759	2640797	-	4	2	R.EQLGLSQQAVAER.L	17
PSTAT-4056	proteomics_stat	2640813	2640863	-	4	4	M.NTEATHDQNEALTTGAR.L	21
PSTAT-4057	proteomics_stat	2640813	2640866	-	4	5	R.MNTEATHDQNEALTTGAR.L	22
PSTAT-4058	proteomics_stat	2642464	2642505	-	5	25	R.EIAYFFGEGEVCP.R	18
PSTAT-4059	proteomics_stat	2642506	2642574	-	5	15	R.ADYADSLTENGTHGSDSVESAAR.E	27
PSTAT-4060	proteomics_stat	2642506	2642610	-	5	3	A.TNPANALAGTLRADIADSLTENGTHGSDSVESAAR.E	39
PSTAT-4061	proteomics_stat	2642575	2642625	-	5	19	R.DLLGATNPANALAGTLR.A	21
PSTAT-4062	proteomics_stat	2642575	2642631	-	5	13	R.HRDLLGATNPANALAGTLR.A	23
PSTAT-4063	proteomics_stat	2642743	2642769	-	5	4	M.LHLTVEQAR.G	13
PSTAT-4064	proteomics_stat	2642743	2642772	-	5	15	K.MLHLTVEQAR.G	14
PSTAT-4065	proteomics_stat	2642788	2642808	-	5	2	R.FEAAGFK.I	11
PSTAT-4066	proteomics_stat	2642809	2642835	-	5	3	K.NVIGNIFAR.F	13
PSTAT-4067	proteomics_stat	2642836	2642871	-	5	14	R.TFSIIPNAVAK.N	16
PSTAT-4068	proteomics_stat	2645759	2645782	-	6	2	R.HILGTDGK.S	12
PSTAT-4069	proteomics_stat	2645783	2645848	-	6	3	R.MDASGYPQSAPLPANNVLQIER.H	26
PSTAT-4070	proteomics_stat	2646002	2646046	-	6	2	R.WLSTQESNALFLAAR.T	19
PSTAT-4071	proteomics_stat	2646047	2646148	-	6	2	R.DNALMLSLEENKLLPDEQYTLNLTLSQQAFGER.W	38
PSTAT-4072	proteomics_stat	2646476	2646520	-	6	2	R.AGEQGYSVPTDAINR.G	19
PSTAT-4073	proteomics_stat	2647268	2647318	-	6	2	R.VMAQAWTADDFGSNESK.V	21
PSTAT-4074	proteomics_stat	2647487	2647540	-	6	3	R.YGADIYDIYGQVIEGQGR.L	22
PSTAT-4075	proteomics_stat	2647739	2647780	-	6	2	R.AVGVLHLPLGDENR.R	18

PSTAT-4076	proteomics_stat	2647805	2647849	-	6	3	R.HDLYLSTLVVRPGDK.S	19
PSTAT-4077	proteomics_stat	2648102	2648131	-	6	2	K.APNEAVSSVR.F	14
PSTAT-4078	proteomics_stat	2648438	2648503	-	6	4	R.RAEQAIWPADALPGIRPQFASK.S	26
PSTAT-4079	proteomics_stat	2649152	2649208	-	6	3	K.LPALDLAEFNIAGAPGYSK.Q	23
PSTAT-4080	proteomics_stat	2649242	2649328	-	6	3	K.GQTLTQATSDAQGHVQLENDKNAALLLAR.K	33
PSTAT-4081	proteomics_stat	2649329	2649415	-	6	3	R.YHNRLDIFTQSLENGAAQQGIEVSLLEK.G	33
PSTAT-4082	proteomics_stat	2649479	2649556	-	6	4	K.LLLPLGDIKPLQQAGVYLAVMNQAGR.Y	30
PSTAT-4083	proteomics_stat	2649659	2649706	-	6	7	R.VKPESLPAFISQWEYR.N	20
PSTAT-4084	proteomics_stat	2653124	2653174	-	6	6	R.KAPVEQWSAGATGLGVR.T	21
PSTAT-4085	proteomics_stat	2653325	2653348	-	6	5	R.LPLAEFHR.S	12
PSTAT-4086	proteomics_stat	2653349	2653390	-	6	4	R.LLASAAQENEPFWR.L	18
PSTAT-4087	proteomics_stat	2653451	2653537	-	6	11	R.LVLADGLIDASAQKPEMIIDAATLTGAAK.T	33
PSTAT-4088	proteomics_stat	2653538	2653573	-	6	11	K.KVEVMNTDAEGR.L	16
PSTAT-4089	proteomics_stat	2653607	2653654	-	6	3	K.LFLCCADNLIISGNFAK.L	20
PSTAT-4090	proteomics_stat	2653676	2653732	-	6	2	K.SDMGGAATVTGALAFATR.G	23
PSTAT-4091	proteomics_stat	2653760	2653795	-	6	2	K.GITFDSGGYSIK.Q	16
PSTAT-4092	proteomics_stat	2653796	2653873	-	6	6	R.SPVLLALDYNPTGDKEAPVYACLVGK.G	30
PSTAT-4093	proteomics_stat	2653886	2653921	-	6	4	R.EQGYMGLHTVGR.G	16
PSTAT-4094	proteomics_stat	2653886	2653936	-	6	6	K.GEDLREQGYMGLHTVGR.G	21
PSTAT-4095	proteomics_stat	2653958	2653993	-	6	2	R.AVDLISNVAGDR.V	16
PSTAT-4096	proteomics_stat	2653994	2654047	-	6	13	R.DTINAPAEELGPSQLAQR.A	22
PSTAT-4097	proteomics_stat	2654171	2654209	-	6	9	K.HVQLSGEGWDADR.C	17
PSTAT-4098	proteomics_stat	2654210	2654233	-	6	4	R.KIDGLGIK.H	12
PSTAT-4099	proteomics_stat	2654243	2654317	-	6	5	K.ATYSINNDGITLHLNGADDLGLIQR.A	29
PSTAT-4100	proteomics_stat	2654330	2654362	-	6	3	K.ITLSTQPADAR.W	15
PSTAT-4101	proteomics_stat	2654684	2654731	-	6	3	R.EIGEALYDAYPDLDPK.T	20
PSTAT-4102	proteomics_stat	2654800	2654835	-	5	2	R.VTDEDLVVEIPR.Y	16
PSTAT-4103	proteomics_stat	2654854	2654937	-	5	2	R.EGFDLPESESEQEDDMLDKAWGLEPESR.L	32
PSTAT-4104	proteomics_stat	2654881	2654937	-	5	3	R.EGFDLPESESEQEDDMLDK.A	23
PSTAT-4105	proteomics_stat	2654974	2655006	-	5	10	R.NGIEIEHACEK.S	15
PSTAT-4106	proteomics_stat	2655007	2655096	-	5	7	K.IVILPHQDLCPDGAVLEANSGETILDAALR.N	34
PSTAT-4107	proteomics_stat	2655164	2655199	-	6	3	K.NVDKQTQDFAAR.R	16
PSTAT-4108	proteomics_stat	2655200	2655280	-	6	2	R.QVIDDAAAHLSEVAQGDDVDAIEQAIK.N	31
PSTAT-4109	proteomics_stat	2655281	2655343	-	6	2	R.VLES LHGALAADAALLSAAER.Q	25
PSTAT-4110	proteomics_stat	2655383	2655415	-	6	9	K.DSMSYAEQDVK.A	15
PSTAT-4111	proteomics_stat	2655494	2655547	-	6	16	R.VTFQVDADGLLSVTAMEK.S	22
PSTAT-4112	proteomics_stat	2655632	2655676	-	6	3	K.DGQTAMSIHVMQGER.E	19
PSTAT-4113	proteomics_stat	2655632	2655700	-	6	2	R.AQDFTTFKDGQTAMSIHVMQGER.E	27
PSTAT-4114	proteomics_stat	2656208	2656291	-	6	3	R.GVFEVLATGGDSALGGDDFDHLLADYIR.E	32
PSTAT-4115	proteomics_stat	2656574	2656660	-	6	5	R.YPHLPYQFQASENGLPMIETAAGLLNPVR.V	33
PSTAT-4116	proteomics_stat	2656700	2656744	-	6	3	R.TNAALDTANTISSVK.R	19
PSTAT-4117	proteomics_stat	2656745	2656807	-	6	6	R.HLLPSVVHYQQQGHVSVGYDAR.T	25
PSTAT-4118	proteomics_stat	2656766	2656807	-	6	2	R.HLLPSVVHYQQQGH.S	18
PSTAT-4119	proteomics_stat	2656808	2656846	-	6	5	R.SGQAETLADHEGR.H	17
PSTAT-4120	proteomics_stat	2656904	2656954	-	6	5	M.ALLQISEPGLSAAAPHQR.R	21
PSTAT-4121	proteomics_stat	2657229	2657288	-	4	2	R.AEYLLSLHGFDLASEQHTVR.D	24

PSTAT-4122	proteomics_stat	2657421	2657453	-	4	2	R.YQLDTQALSLR.F	15
PSTAT-4123	proteomics_stat	2657967	2658002	-	4	11	K.IHCSILAEDAIAK.A	16
PSTAT-4124	proteomics_stat	2658045	2658071	-	4	2	K.SLDEAQAIAK.N	13
PSTAT-4125	proteomics_stat	2658186	2658266	-	4	7	R.NVGSGFDNNDENVGSGMVGAPACGDVMK.L	31
PSTAT-4126	proteomics_stat	2658267	2658293	-	4	4	K.VIDHYENPR.N	13
PSTAT-4127	proteomics_stat	2658342	2658380	-	4	4	K.QGVDLNSIEWAHH.-	17
PSTAT-4128	proteomics_stat	2658381	2658410	-	4	2	R.DLSPLWEMYK.Q	14
PSTAT-4129	proteomics_stat	2658381	2658416	-	4	7	R.LRDLSPLWEMYK.Q	16
PSTAT-4130	proteomics_stat	2658432	2658476	-	4	22	R.FTTEEEIDYTIELVR.K	19
PSTAT-4131	proteomics_stat	2658492	2658527	-	4	2	L.GLNDELAHSSIR.F	16
PSTAT-4132	proteomics_stat	2658492	2658530	-	4	2	A.LGLNDELAHSSIR.F	17
PSTAT-4133	proteomics_stat	2658492	2658533	-	4	4	R.ALGLNDELAHSSIR.F	18
PSTAT-4134	proteomics_stat	2658534	2658599	-	4	12	K.DLAVSSGSACTSASLEPSYVLR.A	26
PSTAT-4135	proteomics_stat	2658747	2658782	-	4	14	R.IAKEEMATEMER.L	16
PSTAT-4136	proteomics_stat	2658783	2658833	-	4	27	R.SGTLPVHQIVGMGEAYR.I	21
PSTAT-4137	proteomics_stat	2658843	2658878	-	4	9	R.IEAQMHGGGHER.G	16
PSTAT-4138	proteomics_stat	2658897	2658920	-	4	3	K.GIGALYVR.R	12
PSTAT-4139	proteomics_stat	2658936	2658965	-	4	2	K.VDLMFSFGHK.I	14
PSTAT-4140	proteomics_stat	2658966	2658992	-	4	2	K.LPIDLSQLK.V	13
PSTAT-4141	proteomics_stat	2658966	2659034	-	4	10	R.GIIYHVDATQSVGKLPIDLSQLK.V	27
PSTAT-4142	proteomics_stat	2658993	2659034	-	4	9	R.GIIYHVDATQSVGK.L	18
PSTAT-4143	proteomics_stat	2659170	2659205	-	4	4	R.EGFEVTYLAPQR.N	16
PSTAT-4144	proteomics_stat	2659278	2659301	-	4	3	K.GAANFYQK.K	12
PSTAT-4145	proteomics_stat	2659302	2659352	-	4	39	R.EIVFTSGATESDNLAIAK.G	21
PSTAT-4146	proteomics_stat	2659353	2659388	-	4	5	R.NQIADLVGADPR.E	16
PSTAT-4147	proteomics_stat	2659389	2659427	-	4	4	R.FGWQAEEAVDIAR.N	17
PSTAT-4148	proteomics_stat	2659437	2659487	-	4	6	K.MMQFMTMDGTFGNPASR.S	21
PSTAT-4149	proteomics_stat	2659500	2659547	-	4	6	K.LPIYLDYSATTPVDPR.V	20
PSTAT-4150	proteomics_stat	2659500	2659553	-	4	5	A.MKLPYLDYSATTPVDPR.V	22
PSTAT-4151	proteomics_stat	2659731	2659763	-	4	2	V.NNQEVLDVSGR.Q	15
PSTAT-4152	proteomics_stat	2659881	2659946	-	4	27	K.DASSIAVGEVISAVDESVDATR.C	26
PSTAT-4153	proteomics_stat	2660010	2660051	-	4	2	R.QGISLSYLEQLFSR.L	18
PSTAT-4154	proteomics_stat	2660623	2660655	-	5	3	R.GILASIEQQNK.G	15
PSTAT-4155	proteomics_stat	2660656	2660691	-	5	4	R.ARPESQELNLR.G	16
PSTAT-4156	proteomics_stat	2660713	2660742	-	5	7	R.ENHPGQVMNK.L	14
PSTAT-4157	proteomics_stat	2660743	2660790	-	5	4	R.FYGHLEQTLATGFIR.E	20
PSTAT-4158	proteomics_stat	2661001	2661048	-	5	5	K.SVAEAANTPVALVFR.E	20
PSTAT-4159	proteomics_stat	2661277	2661327	-	5	6	R.IVLVETSHTGNMGSVAR.A	21
PSTAT-4160	proteomics_stat	2682327	2682389	-	4	130	K.ELAGWMCDVLDVINDEAVIER.I	25
PSTAT-4161	proteomics_stat	2682417	2682440	-	4	2	R.VGTPAIR.R	12
PSTAT-4162	proteomics_stat	2682441	2682467	-	4	23	K.SPFVTS GIR.V	13
PSTAT-4163	proteomics_stat	2682513	2682605	-	4	4	K.VVSGGTDNHLFLVDLVDKDLTKGKEADAALGR.A	35
PSTAT-4164	proteomics_stat	2682537	2682605	-	4	54	K.VVSGGTDNHLFLVDLVDKDLTKG.E	27
PSTAT-4165	proteomics_stat	2682537	2682608	-	4	2	Y.KVVSGGTDNHLFLVDLVDKDLTKG.E	28
PSTAT-4166	proteomics_stat	2682537	2682635	-	4	3	M.VEVFLERGYKVVSGGTDNHLFLVDLVDKDLTKG.E	37
PSTAT-4167	proteomics_stat	2682552	2682602	-	4	2	V.VSGGTDNHLFLVDLVDK.N	21

PSTAT-4168	proteomics_stat	2682552	2682605	-	4	26	K.VVSGGTDNHLFLVLDLVDK.N	22
PSTAT-4169	proteomics_stat	2682615	2682638	-	4	5	A.MVEVFLER.G	12
PSTAT-4170	proteomics_stat	2682615	2682641	-	4	10	K.AMVEVFLER.G	13
PSTAT-4171	proteomics_stat	2682651	2682674	-	4	6	K.TYQQQVAK.N	12
PSTAT-4172	proteomics_stat	2682675	2682713	-	4	6	K.AVALKEAMEPEFK.T	17
PSTAT-4173	proteomics_stat	2682714	2682776	-	4	21	K.LNSAVFPGGQGGPLMHVIAGK.A	25
PSTAT-4174	proteomics_stat	2682714	2682779	-	4	11	K.KLNSAVFPGGQGGPLMHVIAGK.A	26
PSTAT-4175	proteomics_stat	2682717	2682779	-	4	4	K.KLNSAVFPGGQGGPLMHVIAG.K	25
PSTAT-4176	proteomics_stat	2682729	2682779	-	4	3	K.KLNSAVFPGGQGGPLMH.V	21
PSTAT-4177	proteomics_stat	2682732	2682779	-	4	4	K.KLNSAVFPGGQGGPLM.H	20
PSTAT-4178	proteomics_stat	2682777	2682803	-	4	3	K.GGSEELYKK.L	13
PSTAT-4179	proteomics_stat	2682780	2682806	-	4	2	A.KGGSEELYK.K	13
PSTAT-4180	proteomics_stat	2682975	2683019	-	4	3	I.IGGFSAYSGVVDWAK.M	19
PSTAT-4181	proteomics_stat	2682975	2683022	-	4	3	M.IIGGFSAYSGVVDWAK.M	20
PSTAT-4182	proteomics_stat	2682975	2683025	-	4	304	K.MIIGGFSAYSGVVDWAK.M	21
PSTAT-4183	proteomics_stat	2683050	2683094	-	4	8	Y.GIDATGHIDYADLEK.Q	19
PSTAT-4184	proteomics_stat	2683050	2683115	-	4	26	K.LYNIVPYGIDATGHIDYADLEK.Q	26
PSTAT-4185	proteomics_stat	2683116	2683160	-	4	2	H.GGHLTHGSPVNFSGK.L	19
PSTAT-4186	proteomics_stat	2683116	2683223	-	4	7	N.FAVYTALLEPGDVTVLGMNLAHGHLTHGSPVNFSGK.L	40
PSTAT-4187	proteomics_stat	2683116	2683241	-	4	10	H.SGSQANFAVYTALLEPGDVTVLGMNLAHGHLTHGSPVNFSGK.L	46
PSTAT-4188	proteomics_stat	2683242	2683280	-	4	3	K.ELFGADYANVQPH.S	17
PSTAT-4189	proteomics_stat	2683242	2683286	-	4	5	R.AKELFGADYANVQPH.S	19
PSTAT-4190	proteomics_stat	2683287	2683334	-	4	2	Y.GGCEYVDIVEQLAIDR.A	20
PSTAT-4191	proteomics_stat	2683287	2683337	-	4	14	Y.YGGCEYVDIVEQLAIDR.A	21
PSTAT-4192	proteomics_stat	2683287	2683340	-	4	694	R.YYGGCEYVDIVEQLAIDR.A	22
PSTAT-4193	proteomics_stat	2683341	2683367	-	4	11	K.YAEGYPGKR.Y	13
PSTAT-4194	proteomics_stat	2683344	2683367	-	4	5	K.YAEGYPGK.R	12
PSTAT-4195	proteomics_stat	2683368	2683400	-	4	4	V.MQAQGSQLTNK.Y	15
PSTAT-4196	proteomics_stat	2683368	2683403	-	4	29	R.VMQAQGSQLTNK.Y	16
PSTAT-4197	proteomics_stat	2683368	2683406	-	4	2	P.RVMQAQGSQLTNK.Y	17
PSTAT-4198	proteomics_stat	2683404	2683454	-	4	7	R.QEEHIELIASENYTSR.V	21
PSTAT-4199	proteomics_stat	2683404	2683460	-	4	494	K.VRQEEHIELIASENYTSR.V	23
PSTAT-4200	proteomics_stat	2683461	2683517	-	4	12	R.EMNIADYDAELWQAMEQEK.V	23
PSTAT-4201	proteomics_stat	2685194	2685250	-	6	2	K.IEIVVPPDIVDTCVDTIIR.T	23
PSTAT-4202	proteomics_stat	2685257	2685289	-	6	2	R.GAEYMVDFLPK.V	15
PSTAT-4203	proteomics_stat	2685329	2685379	-	6	4	R.EALAEVGITGMTVTEVK.G	21
PSTAT-4204	proteomics_stat	2685380	2685421	-	6	3	K.IDAIIKPFKLDVDR.E	18
PSTAT-4205	proteomics_stat	2686196	2686276	-	6	6	R.NSKPFIAINCGALPEQLLESELFHAR.G	31
PSTAT-4206	proteomics_stat	2686818	2686904	-	4	4	R.KPAGNFSPDTPHESEKPAPSTHEVTPDEP.-	33
PSTAT-4207	proteomics_stat	2686920	2686949	-	4	2	R.KLENLTDIER.Q	14
PSTAT-4208	proteomics_stat	2688092	2688178	-	6	2	K.QADSAVELENVELAPLVETVVSASLHSLPAR.A	33
PSTAT-4209	proteomics_stat	2689711	2689764	-	5	2	T.VSNSWHPENWGEDGPWMR.I	22
PSTAT-4210	proteomics_stat	2689711	2689767	-	5	6	R.TVSNWHPENWGEDGPWMR.I	23
PSTAT-4211	proteomics_stat	2689777	2689806	-	5	4	R.VTIMMPHPER.V	14
PSTAT-4212	proteomics_stat	2689807	2689881	-	5	18	K.VTETYPANPNGSPNGITAVTTESGR.V	29
PSTAT-4213	proteomics_stat	2689807	2689914	-	5	3	L.VALRYVDNFGKVTETYPANPNGSPNGITAVTTESGR.V	40

PSTAT-4214	proteomics_stat	2689921	2689953	-	5	6	R.DAAHLAALESK.G	15
PSTAT-4215	proteomics_stat	2690242	2690328	-	5	8	R.TGLEDHALVACGGFSYGDVLAGEGWAK.S	33
PSTAT-4216	proteomics_stat	2690329	2690379	-	5	15	R.AGFDAIDVHMSDLLTGR.T	21
PSTAT-4217	proteomics_stat	2690380	2690427	-	5	6	R.EQGVNSHVEMAAAFHR.A	20
PSTAT-4218	proteomics_stat	2690443	2690505	-	5	4	K.LSFDINEDVAAPYIATGARPK.V	25
PSTAT-4219	proteomics_stat	2690449	2690505	-	5	2	K.LSFDINEDVAAPYIATGAR.P	23
PSTAT-4220	proteomics_stat	2690506	2690538	-	5	3	K.SNDADPGLNVK.L	15
PSTAT-4221	proteomics_stat	2690539	2690577	-	5	2	R.DNPECADQEHQAK.S	17
PSTAT-4222	proteomics_stat	2690539	2690583	-	5	11	R.LRDNPECADQEHQAK.S	19
PSTAT-4223	proteomics_stat	2690584	2690619	-	5	5	R.VVWAETTWMQMR.L	16
PSTAT-4224	proteomics_stat	2690677	2690769	-	5	3	R.AADREAVESVLAQHGLADCVHYVQAVSGDR.F	35
PSTAT-4225	proteomics_stat	2690770	2690817	-	5	37	R.LAALFNEELGAVIQVR.A	20
PSTAT-4226	proteomics_stat	2690818	2690910	-	5	5	R.SDGGLLVTLAEMAFAGHCGIDADIATLGDDR.L	35
PSTAT-4227	proteomics_stat	2690935	2690973	-	5	3	K.GFYDAIQALVAQR.K	17
PSTAT-4228	proteomics_stat	2691022	2691066	-	5	7	K.GNNALGATALAQVYR.Q	19
PSTAT-4229	proteomics_stat	2691067	2691129	-	5	28	R.HTTTPQLSTEDNALLLIDLK.G	25
PSTAT-4230	proteomics_stat	2691145	2691189	-	5	16	R.EMTSPLSLVISAFAR.V	19
PSTAT-4231	proteomics_stat	2691238	2691291	-	5	7	K.AVGEELCPALGLTIPVGK.D	22
PSTAT-4232	proteomics_stat	2691292	2691360	-	5	4	K.LSANWMAAAGHPGEDAGLYEAVK.A	27
PSTAT-4233	proteomics_stat	2691367	2691426	-	5	5	R.LAVGEALTNIAATQIGDIK.R	24
PSTAT-4234	proteomics_stat	2691370	2691426	-	5	3	R.LAVGEALTNIAATQIGDIK.R	23
PSTAT-4235	proteomics_stat	2691427	2691465	-	5	5	R.APVALLDFAASAR.L	17
PSTAT-4236	proteomics_stat	2691619	2691651	-	5	2	K.RVLHLPTVAEK.T	15
PSTAT-4237	proteomics_stat	2691742	2691792	-	5	14	R.HFDNQPIDLPLDVLLGK.T	21
PSTAT-4238	proteomics_stat	2691793	2691858	-	5	65	R.ERAPYAVIGEATEELHLSLHDR.H	26
PSTAT-4239	proteomics_stat	2691859	2691915	-	5	4	R.YVLAVAADQLPLFDELCKR.E	23
PSTAT-4240	proteomics_stat	2691862	2691915	-	5	5	R.YVLAVAADQLPLFDELCKR.R	22
PSTAT-4241	proteomics_stat	2691916	2691981	-	5	4	R.EILSDEPGMSPLEIWCNESQER.Y	26
PSTAT-4242	proteomics_stat	2692003	2692104	-	5	3	R.CWQLGDANPILFIHDVVGAGGLSNAMPELVSDGGR.G	38
PSTAT-4243	proteomics_stat	2692303	2692350	-	5	5	R.GYHKPIMLAGGIGNIR.A	20
PSTAT-4244	proteomics_stat	2692351	2692380	-	5	11	K.VNSHNGEELR.G	14
PSTAT-4245	proteomics_stat	2692351	2692395	-	5	5	R.TYEKVNSHNGEELR.G	19
PSTAT-4246	proteomics_stat	2692396	2692419	-	5	2	R.PALNGYFR.T	12
PSTAT-4247	proteomics_stat	2692396	2692434	-	5	3	N.NEFGPALNGYFR.T	17
PSTAT-4248	proteomics_stat	2692396	2692491	-	5	2	R.IVTALDIMTEGPLGGAAFNEFGPALNGYFR.T	36
PSTAT-4249	proteomics_stat	2692420	2692491	-	5	6	R.IVTALDIMTEGPLGGAAFNEFGR.P	28
PSTAT-4250	proteomics_stat	2692492	2692542	-	5	2	R.IPGFEQPWEEDFGKPER.I	21
PSTAT-4251	proteomics_stat	2692543	2692578	-	5	5	K.AGLVGFVSXNL.R	16
PSTAT-4252	proteomics_stat	2692594	2692689	-	5	7	K.VETHNHPTAISPWPGAATGSGGEIRDEGATGR.G	36
PSTAT-4253	proteomics_stat	2692615	2692689	-	5	5	K.VETHNHPTAISPWPGAATGSGGEIR.D	29
PSTAT-4254	proteomics_stat	2692690	2692728	-	5	9	R.YDFHQEPAHILMK.V	17
PSTAT-4255	proteomics_stat	2692729	2692752	-	5	2	Y.FADHETGR.Y	12
PSTAT-4256	proteomics_stat	2692729	2692755	-	5	7	R.YFADHETGR.Y	13
PSTAT-4257	proteomics_stat	2692756	2692794	-	5	10	K.DNAAVMEGSEVGR.Y	17
PSTAT-4258	proteomics_stat	2692756	2692839	-	5	2	K.NTFETTPDHVLSAYKDNAAVMEGSEVGR.Y	32
PSTAT-4259	proteomics_stat	2692861	2692905	-	5	2	K.IFNADWVIDGEQQPK.S	19

PSTAT-4260	proteomics_stat	2692861	2692911	-	5	2	R.HKIFNADWVIDGEQQPK.S	21
PSTAT-4261	proteomics_stat	2692912	2692977	-	5	4	K.LGRNPNDIELYMFAQANSEHCR.H	26
PSTAT-4262	proteomics_stat	2692978	2693034	-	5	65	R.LGLALAEDEIDYLQDAFTK.L	23
PSTAT-4263	proteomics_stat	2693062	2693163	-	5	9	R.MMETVFFALDDAEQLFAHHQPTPVTSVDLLGQGR.Q	38
PSTAT-4264	proteomics_stat	2693164	2693241	-	5	16	R.GVAYYIEAGTLTNEQWQQVTAELHDR.M	30
PSTAT-4265	proteomics_stat	2693242	2693295	-	5	2	K.ATDIAHNCGLQQVNR.LER.G	22
PSTAT-4266	proteomics_stat	2693251	2693295	-	5	10	K.ATDIAHNCGLQQVNR.L	19
PSTAT-4267	proteomics_stat	2693296	2693346	-	5	3	K.LLLVTPRPGTISPWSSK.A	21
PSTAT-4268	proteomics_stat	2693347	2693385	-	5	11	K.YGPALASHAPQGK.L	17
PSTAT-4269	proteomics_stat	2693395	2693484	-	5	25	R.LPVHNIYAEYVHFADLNAPLNDDDEHAQLER.L	34
PSTAT-4270	proteomics_stat	2693521	2693547	-	5	2	R.GSPALSAFR.I	13
PSTAT-4271	proteomics_stat	2699047	2699088	-	5	3	R.AVMTGLKDDAVAEMK.R	18
PSTAT-4272	proteomics_stat	2699089	2699148	-	5	8	K.AIAAIPEMHELNIIGHAIIGR.A	24
PSTAT-4273	proteomics_stat	2699149	2699187	-	5	7	K.VNAGHGLTYHNVK.A	17
PSTAT-4274	proteomics_stat	2699158	2699187	-	5	5	K.VNAGHGLTYH.N	14
PSTAT-4275	proteomics_stat	2699230	2699259	-	5	2	T.DAEQAQELAR.I	14
PSTAT-4276	proteomics_stat	2699230	2699262	-	5	6	K.TDAEQAQELAR.I	15
PSTAT-4277	proteomics_stat	2699326	2699385	-	5	2	R.LADAGIQVSLFIDADEEQIK.A	24
PSTAT-4278	proteomics_stat	2699364	2699435	-	4	23	A.AWMSQGSVTKCAMPANVWQMPGFR.F	28
PSTAT-4279	proteomics_stat	2699413	2699457	-	5	3	R.QEVTTEGGLDVAGQR.D	19
PSTAT-4280	proteomics_stat	2699413	2699460	-	5	5	K.RQEVTEGGLDVAGQR.D	20
PSTAT-4281	proteomics_stat	2699701	2699748	-	5	2	M.AELLGVDNIHDIATLR.N	20
PSTAT-4282	proteomics_stat	2700749	2700796	-	6	4	R.FLGAELPYSVTVEIER.F	20
PSTAT-4283	proteomics_stat	2701013	2701060	-	6	3	K.APVILAVNKVDNVQEK.A	20
PSTAT-4284	proteomics_stat	2701196	2701270	-	6	5	R.IVGIHTEGAYQAIYVDTPLHMEEK.R	29
PSTAT-4285	proteomics_stat	2701423	2701458	-	5	5	R.KAEQAAAEQALK.K	16
PSTAT-4286	proteomics_stat	2701462	2701545	-	5	4	R.GEAHDQEFTIHCQVSGLSEPVVGTGSSR.R	32
PSTAT-4287	proteomics_stat	2701546	2701584	-	5	4	R.HLPLPTYLVVQVR.G	17
PSTAT-4288	proteomics_stat	2701615	2701656	-	5	2	R.LDEISPGDKQKDPK.T	18
PSTAT-4289	proteomics_stat	2701630	2701656	-	5	2	R.LDEISPGDK.Q	13
PSTAT-4290	proteomics_stat	2701996	2702049	-	5	7	K.LGYTFNHQELLQQALTHR.S	22
PSTAT-4291	proteomics_stat	2701996	2702052	-	5	4	R.KLGYTFNHQELLQQALTHR.S	23
PSTAT-4292	proteomics_stat	2702062	2702085	-	5	2	R.MNPVIVINR.L	12
PSTAT-4293	proteomics_stat	2702384	2702443	-	6	2	R.ATAIWMSFDKQEGEWPTGLR.L	24
PSTAT-4294	proteomics_stat	2702843	2702890	-	6	2	R.AVGLPGDKVTYDPVSK.E	20
PSTAT-4295	proteomics_stat	2702894	2702950	-	6	4	K.RGDIVVFKYPEDPKLDYIK.R	23
PSTAT-4296	proteomics_stat	2702951	2702977	-	6	4	K.TLIETGHPK.R	13
PSTAT-4297	proteomics_stat	2703188	2703229	-	6	2	R.QAAAQAAAGDSLK.A	18
PSTAT-4298	proteomics_stat	2703359	2703418	-	6	7	K.QIGNVELPQEAFLAILHVVGK.D	24
PSTAT-4299	proteomics_stat	2703644	2703673	-	6	2	R.VDALALITHR.D	14
PSTAT-4300	proteomics_stat	2703947	2704009	-	6	3	R.EVIYVDSPSKLPVNNIYELR.E	25
PSTAT-4301	proteomics_stat	2703980	2704009	-	6	3	R.EVIYVDSPSK.L	14
PSTAT-4302	proteomics_stat	2704010	2704075	-	6	3	R.EYDLDLITTAPTVVYEVETTSR.E	26
PSTAT-4303	proteomics_stat	2704130	2704198	-	6	3	K.LSLNDASLFYEPSSSALGFGR.C	27
PSTAT-4304	proteomics_stat	2704199	2704276	-	6	5	K.VKPQVYAGLFPVSSDDYEAFRDALGK.L	30
PSTAT-4305	proteomics_stat	2704214	2704276	-	6	3	K.VKPQVYAGLFPVSSDDYEAFR.D	25

PSTAT-4306	proteomics_stat	2704313	2704357	-	6	7	K.DIHGAPVGDTLTLAR.N	19
PSTAT-4307	proteomics_stat	2704439	2704474	-	6	3	K.VMSTGQTYNADR.L	16
PSTAT-4308	proteomics_stat	2704622	2704654	-	6	2	K.TGVGVQDVLER.L	15
PSTAT-4309	proteomics_stat	2704667	2704720	-	6	2	R.VAEIEIDIVGIDATDAVR.C	22
PSTAT-4310	proteomics_stat	2704667	2704750	-	6	2	K.IDLPAADPERVAEIEIDIVGIDATDAVR.C	32
PSTAT-4311	proteomics_stat	2704721	2704750	-	6	3	K.IDLPAADPER.V	14
PSTAT-4312	proteomics_stat	2704955	2704981	-	6	2	K.AQSVTLDYK.A	13
PSTAT-4313	proteomics_stat	2705003	2705044	-	6	2	R.EMEAQVLDSDMLER.E	18
PSTAT-4314	proteomics_stat	2706021	2706062	-	4	2	R.RPLPTMDNMPIESR.L	18
PSTAT-4315	proteomics_stat	2706063	2706119	-	4	3	K.FSWTPTWLPQGFSEVSSSR.R	23
PSTAT-4316	proteomics_stat	2706225	2706251	-	4	2	R.DGETLEQFR.V	13
PSTAT-4317	proteomics_stat	2706225	2706269	-	4	3	R.VDLLDRDGETLEQFR.V	19
PSTAT-4318	proteomics_stat	2706414	2706518	-	4	4	R.GNEISYFEPGLEPFTLNGDYIVDSLPSLIYTDFKR.L	39
PSTAT-4319	proteomics_stat	2706417	2706518	-	4	3	R.GNEISYFEPGLEPFTLNGDYIVDSLPSLIYTDFK.R	38
PSTAT-4320	proteomics_stat	2706621	2706707	-	4	5	A.TPASGALLQQMNLASQSLNYELSFISINK.Q	33
PSTAT-4321	proteomics_stat	2706917	2706994	-	6	4	K.ASPVSLGVPSEATANNGQQQVQEQR.R	30
PSTAT-4322	proteomics_stat	2707166	2707252	-	6	2	R.VMAAIEEVPVRQPATLIPEAQPHQWQK.M	33
PSTAT-4323	proteomics_stat	2707253	2707306	-	6	2	R.DSMRGDTPEVLFHDISSR.V	22
PSTAT-4324	proteomics_stat	2707651	2707695	-	5	3	K.EISNPENLMLSEELR.Q	19
PSTAT-4325	proteomics_stat	2707696	2707761	-	5	3	R.RPPSSDVDAIEAENFESGGALK.E	26
PSTAT-4326	proteomics_stat	2714124	2714153	-	4	5	R.FNSLTPEQQR.D	14
PSTAT-4327	proteomics_stat	2714175	2714231	-	4	9	R.ETLEDAVKHPEKYPQLTIR.V	23
PSTAT-4328	proteomics_stat	2714196	2714231	-	4	4	R.ETLEDAVKHPEK.Y	16
PSTAT-4329	proteomics_stat	2714235	2714270	-	4	6	V.EGGQHNLNVNVL.R	16
PSTAT-4330	proteomics_stat	2714235	2714273	-	4	11	R.VEGGQHNLNVNVL.R	17
PSTAT-4331	proteomics_stat	2714274	2714306	-	4	9	R.EVPVEVKPEVR.V	15
PSTAT-4332	proteomics_stat	2714328	2714366	-	4	7	K.AGYAEDEVVAVSK.L	17
PSTAT-4333	proteomics_stat	2714382	2714444	-	4	14	K.AANDDLLNSFWLLDSEKGEAR.C	25
PSTAT-4334	proteomics_stat	2714394	2714444	-	4	5	K.AANDDLLNSFWLLDSEK.G	21
PSTAT-4335	proteomics_stat	2714445	2714471	-	4	3	H.MITGIQITK.A	13
PSTAT-4336	proteomics_stat	2715609	2715677	-	4	4	K.MVLVLGQEYGLPDAARDPNDLR.V	27
PSTAT-4337	proteomics_stat	2715696	2715752	-	4	6	R.QAGYTVVTTSSSEQGKPLFK.T	23
PSTAT-4338	proteomics_stat	2715753	2715827	-	4	5	R.TAEGGAEHVQPITGDNIVNVLDDFR.Q	29
PSTAT-4339	proteomics_stat	2715828	2715878	-	4	6	K.GVVVQDAALLESAAIR.T	21
PSTAT-4340	proteomics_stat	2716014	2716058	-	4	4	K.ASGTEHHGGVCFLIK.K	19
PSTAT-4341	proteomics_stat	2716059	2716094	-	4	10	K.AYHVVDDEALTK.A	16
PSTAT-4342	proteomics_stat	2716164	2716223	-	4	3	R.VYGENACQALFQSRPEAIVR.A	24
PSTAT-4343	proteomics_stat	2716275	2716328	-	4	10	R.APGDETPEKADHGGISGK.S	22
PSTAT-4344	proteomics_stat	2723736	2723765	-	4	3	M.AESTVTADSK.L	14
PSTAT-4345	proteomics_stat	2729640	2729660	-	4	3	R.LEVNEDR.I	11
PSTAT-4346	proteomics_stat	2729670	2729738	-	4	8	R.AIQQQIENPLAQQILSGELVPGK.V	27
PSTAT-4347	proteomics_stat	2729751	2729792	-	4	4	K.LLSENGYDPVYGAR.P	18
PSTAT-4348	proteomics_stat	2729793	2729828	-	4	6	R.GYEIHISDEALK.L	16
PSTAT-4349	proteomics_stat	2729853	2729927	-	4	2	R.IDEVVVFHPLGEQHIASIAQIQLKR.L	29
PSTAT-4350	proteomics_stat	2729856	2729927	-	4	20	R.IDEVVVFHPLGEQHIASIAQIQLK.R	28
PSTAT-4351	proteomics_stat	2729928	2729981	-	4	10	K.ELVLGVVSHNFRPEFINR.I	22

PSTAT-4352	proteomics_stat	2729982	2730011	-	4	8	R.FGELDYAHMK.E	14
PSTAT-4353	proteomics_stat	2730012	2730065	-	4	24	R.NTVVIMTSNLGSDLIQER.F	22
PSTAT-4354	proteomics_stat	2730081	2730152	-	4	5	K.AHPDVFNILLQVLDDGRLTDGQGR.T	28
PSTAT-4355	proteomics_stat	2730102	2730152	-	4	53	K.AHPDVFNILLQVLDDGR.L	21
PSTAT-4356	proteomics_stat	2730132	2730191	-	4	4	R.RPYSVILLDEVEKAHPDVFN.I	24
PSTAT-4357	proteomics_stat	2730153	2730191	-	4	20	R.RPYSVILLDEVEK.A	17
PSTAT-4358	proteomics_stat	2730153	2730194	-	4	8	R.RRPYSVILLDEVEK.A	18
PSTAT-4359	proteomics_stat	2730195	2730260	-	4	11	R.LVGAPPGYVGYEEGGYLTEAVR.R	26
PSTAT-4360	proteomics_stat	2730195	2730263	-	4	3	S.RLVGAPPGYVGYEEGGYLTEAVR.R	27
PSTAT-4361	proteomics_stat	2730276	2730302	-	4	2	R.IDMSEFMEK.H	13
PSTAT-4362	proteomics_stat	2730303	2730347	-	4	12	K.ALANFMFDSDEAMVR.I	19
PSTAT-4363	proteomics_stat	2730348	2730431	-	4	2	R.AGLADPNRPIGSFLFLGPTGVGKTELCK.A	32
PSTAT-4364	proteomics_stat	2730363	2730431	-	4	8	R.AGLADPNRPIGSFLFLGPTGVGK.T	27
PSTAT-4365	proteomics_stat	2730441	2730485	-	4	2	V.IGQNEAVDAVSNAIR.R	19
PSTAT-4366	proteomics_stat	2730441	2730488	-	4	9	R.VIGQNEAVDAVSNAIR.R	20
PSTAT-4367	proteomics_stat	2730441	2730491	-	4	6	H.RVIGQNEAVDAVSNAIR.R	21
PSTAT-4368	proteomics_stat	2730489	2730512	-	4	4	R.MEQELHHR.V	12
PSTAT-4369	proteomics_stat	2730570	2730605	-	4	2	K.VTDAEIAEVLAR.W	16
PSTAT-4370	proteomics_stat	2730570	2730611	-	4	24	R.NKVTD AEIAEVLAR.W	18
PSTAT-4371	proteomics_stat	2730630	2730662	-	4	6	K.QLEAATQLE GK.T	15
PSTAT-4372	proteomics_stat	2730663	2730704	-	4	9	R.MSELQYGK IPELEK.Q	18
PSTAT-4373	proteomics_stat	2730681	2730704	-	4	3	R.MSELQYGK.I	12
PSTAT-4374	proteomics_stat	2730768	2730797	-	4	2	K.ASLSGTQTIK.A	14
PSTAT-4375	proteomics_stat	2730798	2730836	-	4	6	R.QYSELEEEWKA EK.A	17
PSTAT-4376	proteomics_stat	2730837	2730875	-	4	3	R.LDMLNEELSDKER.Q	17
PSTAT-4377	proteomics_stat	2730837	2730878	-	4	18	K.RLDMLNEELSDKER.Q	18
PSTAT-4378	proteomics_stat	2730837	2730881	-	4	6	K.KRLDMLNEELSDKER.Q	19
PSTAT-4379	proteomics_stat	2730843	2730878	-	4	2	K.RLDMLNEELSDK.E	16
PSTAT-4380	proteomics_stat	2730903	2730926	-	4	2	K.LEQQALMK.E	12
PSTAT-4381	proteomics_stat	2730954	2730989	-	4	6	R.MQIDSKPEELDR.L	16
PSTAT-4382	proteomics_stat	2730990	2731028	-	4	3	K.AIDLIDEAASSIR.M	17
PSTAT-4383	proteomics_stat	2730990	2731043	-	4	2	R.QLPDKAIDLIDEAASSIR.M	22
PSTAT-4384	proteomics_stat	2731059	2731127	-	4	31	R.YELHHVQITDPAIVAAATLSHR.Y	27
PSTAT-4385	proteomics_stat	2731143	2731190	-	4	12	K.VFVAEPSVEDTIAILR.G	20
PSTAT-4386	proteomics_stat	2731236	2731280	-	4	12	R.GELHCVGATTLD EYR.Q	19
PSTAT-4387	proteomics_stat	2731281	2731331	-	4	6	K.ADGAMDAGNMLK PALAR.G	21
PSTAT-4388	proteomics_stat	2731332	2731391	-	4	67	K.QEGNVILFIDELHTMVGAGK.A	24
PSTAT-4389	proteomics_stat	2731392	2731421	-	4	7	R.LKGVLN DLAK.Q	14
PSTAT-4390	proteomics_stat	2731422	2731445	-	4	8	K.YRGEFEER.L	12
PSTAT-4391	proteomics_stat	2731446	2731490	-	4	3	R.RVLALDMGALVAGAK.Y	19
PSTAT-4392	proteomics_stat	2731491	2731529	-	4	2	R.IINGEVPEGLKGR.R	17
PSTAT-4393	proteomics_stat	2731497	2731529	-	4	4	R.IINGEVPEGLK.G	15
PSTAT-4394	proteomics_stat	2731530	2731559	-	4	4	K.TAIVEGLAQR.I	14
PSTAT-4395	proteomics_stat	2731560	2731598	-	4	3	K.NNPVLIGEPGVGK.T	17
PSTAT-4396	proteomics_stat	2731560	2731604	-	4	18	R.TKNNPVLIGEPGVGK.T	19
PSTAT-4397	proteomics_stat	2731629	2731682	-	4	7	R.AEQGKLDPVIGRDEEIRR.T	22

PSTAT-4398	proteomics_stat	2731632	2731682	-	4	4	R.AEQGKLDPVIGRDEEIR.R	21
PSTAT-4399	proteomics_stat	2731647	2731682	-	4	10	R.AEQGKLDPVIGR.D	16
PSTAT-4400	proteomics_stat	2731683	2731706	-	4	3	K.YTIDLTER.A	12
PSTAT-4401	proteomics_stat	2731683	2731709	-	4	5	K.KYTIDLTER.A	13
PSTAT-4402	proteomics_stat	2731707	2731742	-	4	2	D.QGAEDQRQALKK.Y	16
PSTAT-4403	proteomics_stat	2731722	2731763	-	4	8	R.GGESVNDQGAEDQR.Q	18
PSTAT-4404	proteomics_stat	2731764	2731814	-	4	6	K.AAGATTANITQAIEQMR.G	21
PSTAT-4405	proteomics_stat	2731839	2731892	-	4	31	R.GDNFISSELFVLALESR.G	22
PSTAT-4406	proteomics_stat	2731839	2731895	-	4	16	K.RGDNFISSELFVLALESR.G	23
PSTAT-4407	proteomics_stat	2731896	2731928	-	4	3	R.VLNLCDKLAQK.R	15
PSTAT-4408	proteomics_stat	2731929	2731985	-	4	8	R.LPQVEGTGGDVQPSQDLVR.V	23
PSTAT-4409	proteomics_stat	2731929	2732012	-	4	3	R.TDINQALNRLPQVEGTGGDVQPSQDLVR.V	32
PSTAT-4410	proteomics_stat	2732460	2732522	-	4	3	K.ASAAFIQHGDKYLADIYQLAR.Q	25
PSTAT-4411	proteomics_stat	2732838	2732897	-	4	6	R.LFAAGNLPSPVWLEQVHGK.D	24
PSTAT-4412	proteomics_stat	2733056	2733094	-	6	2	R.ADFEEHKDEVDWL.-	17
PSTAT-4413	proteomics_stat	2733584	2733622	-	6	4	R.LDKDTTGLMVVAK.T	17
PSTAT-4414	proteomics_stat	2733641	2733733	-	6	2	R.DLVVHPGAGNPDGTVLNALLHYYPPIADVPR.A	35
PSTAT-4415	proteomics_stat	2733977	2734021	-	6	2	R.VQLTATVSENQLGQR.L	19
PSTAT-4416	proteomics_stat	2737024	2737059	-	5	4	R.KVEHWFQDYAQR.F	16
PSTAT-4417	proteomics_stat	2737060	2737122	-	5	3	R.FGEAIELLEQGDKQAFIDSFR.K	25
PSTAT-4418	proteomics_stat	2737156	2737209	-	5	2	R.LFAQDPQLYADIIMSSER.N	22
PSTAT-4419	proteomics_stat	2737465	2737557	-	5	11	K.NGPLQAMLVAHDGPNVGLHHPMFGPDSGLAK.Q	35
PSTAT-4420	proteomics_stat	2737609	2737686	-	5	33	R.AADIVADAGMVIVSVPIHVTEQVIGK.L	30
PSTAT-4421	proteomics_stat	2737687	2737713	-	5	5	R.ILEQHDWDR.A	13
PSTAT-4422	proteomics_stat	2737756	2737815	-	5	9	K.TLCPSLRPVVIVGGGGQMGR.L	24
PSTAT-4423	proteomics_stat	2737816	2737851	-	5	4	R.ESYSENDKGFK.T	16
PSTAT-4424	proteomics_stat	2737861	2737920	-	5	4	R.RAEAEALGVPPDLIEDVLR.V	24
PSTAT-4425	proteomics_stat	2737864	2737923	-	5	2	S.RRAEAEALGVPPDLIEDVLR.R	24
PSTAT-4426	proteomics_stat	2737945	2737974	-	5	2	R.FGLPIYVPER.E	14
PSTAT-4427	proteomics_stat	2737981	2738016	-	5	4	K.RLELVAEVGEVK.S	16
PSTAT-4428	proteomics_stat	2738017	2738088	-	5	14	M.VAELTALRDQIDEVDKALLNLLAK.R	28
PSTAT-4429	proteomics_stat	2738041	2738088	-	5	3	M.VAELTALRDQIDEVDK.A	20
PSTAT-4430	proteomics_stat	2738111	2738149	-	6	2	R.EIHQDLNGQLTAR.V	17
PSTAT-4431	proteomics_stat	2738255	2738299	-	6	3	K.DGNRSIIGLMIESNI.H	19
PSTAT-4432	proteomics_stat	2738300	2738341	-	6	5	R.RQPAVAESVVAQIK.D	18
PSTAT-4433	proteomics_stat	2738468	2738545	-	6	3	R.FVGINQAGQVALLQTQGNPDGHVILR.G	30
PSTAT-4434	proteomics_stat	2738873	2738890	-	6	2	V.YFEKPR.T	10
PSTAT-4435	proteomics_stat	2738873	2738890	-	6	2	V.YFEKPR.T	10
PSTAT-4436	proteomics_stat	2738873	2738890	-	6	2	V.YFEKPR.T	10
PSTAT-4437	proteomics_stat	2738873	2738893	-	6	4	R.VYFEKPR.T	11
PSTAT-4438	proteomics_stat	2738873	2738893	-	6	4	R.VYFEKPR.T	11
PSTAT-4439	proteomics_stat	2742289	2742336	-	5	7	R.VFQTHSPVVDSISVKR.R	20
PSTAT-4440	proteomics_stat	2742292	2742333	-	5	8	V.FQTHSPVVDSISVK.R	18
PSTAT-4441	proteomics_stat	2742292	2742336	-	5	54	R.VFQTHSPVVDSISVK.R	19
PSTAT-4442	proteomics_stat	2742292	2742339	-	5	5	E.RVFQTHSPVVDSISVK.R	20
PSTAT-4443	proteomics_stat	2742337	2742363	-	5	4	K.ISNGEGVER.V	13

PSTAT-4444	proteomics_stat	2742337	2742366	-	5	13	R.KISNGEGVER.V	14
PSTAT-4445	proteomics_stat	2742400	2742435	-	5	42	R.LQAFEGVVIIR.N	16
PSTAT-4446	proteomics_stat	2742439	2742465	-	5	4	K.VWVVEGSKK.R	13
PSTAT-4447	proteomics_stat	2742442	2742465	-	5	5	K.VWVVEGSK.K	12
PSTAT-4448	proteomics_stat	2742466	2742489	-	5	2	R.PGDTVEVK.V	12
PSTAT-4449	proteomics_stat	2742466	2742510	-	5	6	K.QDVPSFRPGDTVEVK.V	19
PSTAT-4450	proteomics_stat	2742466	2742534	-	5	6	K.QLEQEQMKQDVPSFRPGDTVEVK.V	27
PSTAT-4451	proteomics_stat	2742657	2742704	-	4	11	R.RPELLENLALTEEQAR.L	20
PSTAT-4452	proteomics_stat	2743041	2743085	-	4	7	R.KLDQAGVSELATNQK.L	19
PSTAT-4453	proteomics_stat	2743563	2743613	-	4	7	K.DLMGCQVVTTEGYDLGK.V	21
PSTAT-4454	proteomics_stat	2743788	2743850	-	4	3	R.VFSSTEDAESIFDYQPWFQK.A	25
PSTAT-4455	proteomics_stat	2743887	2743931	-	4	2	K.QLTAQAPVDPVILGK.M	19
PSTAT-4456	proteomics_stat	2743998	2744033	-	4	4	A.HWVGQGATISDR.V	16
PSTAT-4457	proteomics_stat	2743998	2744036	-	4	9	I.AHWVGQGATISDR.V	17
PSTAT-4458	proteomics_stat	2743998	2744039	-	4	45	R.IAHWVGQGATISDR.V	18
PSTAT-4459	proteomics_stat	2743998	2744042	-	4	2	D.RIAHWVGQGATISDR.V	19
PSTAT-4460	proteomics_stat	2744040	2744102	-	4	3	R.VGFFNPIASEKEEGTRLDLDR.I	25
PSTAT-4461	proteomics_stat	2744055	2744102	-	4	8	R.VGFFNPIASEKEEGTR.L	20
PSTAT-4462	proteomics_stat	2744070	2744102	-	4	3	R.VGFFNPIASEK.E	15
PSTAT-4463	proteomics_stat	2744070	2744105	-	4	2	E.RVGFFNPIASEK.E	16
PSTAT-4464	proteomics_stat	2744133	2744168	-	4	9	K.RPFYQVVVADSR.N	16
PSTAT-4465	proteomics_stat	2744133	2744171	-	4	52	K.KRPFYQVVVADSR.N	17
PSTAT-4466	proteomics_stat	2744573	2744614	-	6	2	R.IAAGCGMQVDVNR.L	18
PSTAT-4467	proteomics_stat	2744801	2744845	-	6	4	K.KGDGFDLNDFLEQLR.Q	19
PSTAT-4468	proteomics_stat	2744801	2744851	-	6	2	K.LKKGDGFDLNDFLEQLR.Q	21
PSTAT-4469	proteomics_stat	2744888	2744938	-	6	16	R.ILGMDVLSLIEDIESK.V	21
PSTAT-4470	proteomics_stat	2745116	2745199	-	6	9	K.QVHASINPVETLFVVDAMTQDAANTAK.A	32
PSTAT-4471	proteomics_stat	2745200	2745235	-	6	3	R.LHVDEAMMDEIK.Q	16
PSTAT-4472	proteomics_stat	2745380	2745424	-	6	2	K.VLVVSADVVRPAAIK.Q	19
PSTAT-4473	proteomics_stat	2745620	2745643	-	6	2	K.AVGHEVNK.S	12
PSTAT-4474	proteomics_stat	2745722	2745754	-	6	4	R.LTEDNVKDTLR.E	15
PSTAT-4475	proteomics_stat	2745734	2745760	-	6	2	R.GRLTEDNVK.D	13
PSTAT-4476	proteomics_stat	2748326	2748346	-	6	2	K.SMLDVVR.K	11
PSTAT-4477	proteomics_stat	2748347	2748397	-	6	25	K.ANPDMSAMVEGIELTLK.S	21
PSTAT-4478	proteomics_stat	2748347	2748418	-	6	17	R.ALEVADKANPDMSAMVEGIELTLK.S	28
PSTAT-4479	proteomics_stat	2748398	2748418	-	6	2	R.ALEVADK.A	11
PSTAT-4480	proteomics_stat	2748419	2748460	-	6	14	K.FINELLPVIDSLDR.A	18
PSTAT-4481	proteomics_stat	2748485	2748508	-	6	2	R.RTELDIEK.A	12
PSTAT-4482	proteomics_stat	2748512	2748538	-	6	3	R.VKAEMENLR.R	13
PSTAT-4483	proteomics_stat	2748560	2748601	-	6	13	K.VANLEAQLAEAQTR.E	18
PSTAT-4484	proteomics_stat	2748611	2748709	-	6	7	K.TPEGQAPEEIIMDQHEEIEAVEPEASAEQVDPR.D	37
PSTAT-4485	proteomics_stat	2752171	2752191	-	5	2	R.TDIDLTK.N	11
PSTAT-4486	proteomics_stat	2770129	2770173	-	5	2	M.SNITIYHNPACGTSR.N	19
PSTAT-4487	proteomics_stat	2770129	2770173	-	5	2	M.SNITIYHNPACGTSR.N	19
PSTAT-4488	proteomics_stat	2794362	2794439	-	4	2	K.IFEANKPMLKSPDKIYPGQVLRIPPEE.-	30
PSTAT-4489	proteomics_stat	2794374	2794409	-	4	6	K.SPDKIYPGQVLR.I	16

PSTAT-4490	proteomics_stat	2794410	2794439	-	4	2	K.IFEANKPMLK.S	14
PSTAT-4491	proteomics_stat	2794440	2794472	-	4	2	K.QVYGNANLYNK.I	15
PSTAT-4492	proteomics_stat	2794473	2794502	-	4	4	K.SGDTLAISISK.Q	14
PSTAT-4493	proteomics_stat	2794503	2794544	-	4	3	K.TATPATASQFYTVK.S	18
PSTAT-4494	proteomics_stat	2794545	2794592	-	4	2	V.AVGNISGIASVDDQVK.T	20
PSTAT-4495	proteomics_stat	2794545	2794601	-	4	171	K.ILVAVGNISGIASVDDQVK.T	23
PSTAT-4496	proteomics_stat	2794608	2794646	-	4	17	K.ATVTGDGLSQAQK.E	17
PSTAT-4497	proteomics_stat	2794647	2794697	-	4	10	K.TGIPDADKVNIIQIADGK.A	21
PSTAT-4498	proteomics_stat	2794698	2794721	-	4	3	K.KVQEHLNK.T	12
PSTAT-4499	proteomics_stat	2794719	2794769	-	4	4	K.LWDAVTGQHDKDDQAKK.V	21
PSTAT-4500	proteomics_stat	2794722	2794766	-	4	3	L.WDAVTGQHDKDDQAK.K	19
PSTAT-4501	proteomics_stat	2794722	2794769	-	4	15	K.LWDAVTGQHDKDDQAK.K	20
PSTAT-4502	proteomics_stat	2794722	2794784	-	4	3	K.DAGEKLWDAVTGQHDKDDQAK.K	25
PSTAT-4503	proteomics_stat	2796137	2796166	-	6	2	K.PIAQALAEGK.S	14
PSTAT-4504	proteomics_stat	2796137	2796169	-	6	2	P.KPIAQALAEGK.S	15
PSTAT-4505	proteomics_stat	2796137	2796175	-	6	33	R.TPKPIAQALAEGK.S	17
PSTAT-4506	proteomics_stat	2796197	2796223	-	6	6	K.FTDVNGETK.T	13
PSTAT-4507	proteomics_stat	2796197	2796229	-	6	12	K.YKFTDVNGETK.T	15
PSTAT-4508	proteomics_stat	2796263	2796316	-	6	2	A.DGINPEELLGNSSAAAPR.A	22
PSTAT-4509	proteomics_stat	2796263	2796319	-	6	16	K.ADGINPEELLGNSSAAAPR.A	23
PSTAT-4510	proteomics_stat	2796320	2796346	-	6	3	K.ISTWLELMK.A	13
PSTAT-4511	proteomics_stat	2796371	2796403	-	6	2	K.ERREEEEQQQR.E	15
PSTAT-4512	proteomics_stat	2796422	2796460	-	6	53	R.EFSIDVLEEMLEK.F	17
PSTAT-4513	proteomics_stat	2796482	2796511	-	6	2	S.VMLQSLNNIR.T	14
PSTAT-4514	proteomics_stat	2796482	2796514	-	6	8	M.SVMLQSLNNIR.T	15
PSTAT-4515	proteomics_stat	2812267	2812299	-	5	3	R.INSNEELALPK.E	15
PSTAT-4516	proteomics_stat	2812324	2812353	-	5	2	H.SLQEAQDIAR.S	14
PSTAT-4517	proteomics_stat	2812324	2812416	-	5	4	K.VQDQIQIPELNVYQCGTYQMHSLEAQDIAR.S	35
PSTAT-4518	proteomics_stat	2812354	2812416	-	5	4	K.VQDQIQIPELNVYQCGTYQMH.S	25
PSTAT-4519	proteomics_stat	2812417	2812440	-	5	6	K.AAMEDVLK.V	12
PSTAT-4520	proteomics_stat	2812459	2812503	-	5	9	R.TGFYMSLIGTPDEQR.V	19
PSTAT-4521	proteomics_stat	2812504	2812560	-	5	13	R.NHLNGNGVEIIDISPMGCR.T	23
PSTAT-4522	proteomics_stat	2812561	2812602	-	5	36	R.GIHTLEHLFAGFMR.N	18
PSTAT-4523	proteomics_stat	2812567	2812602	-	5	2	R.GIHTLEHLFAGF.M	16
PSTAT-4524	proteomics_stat	2812573	2812602	-	5	3	R.GIHTLEHLFA.G	14
PSTAT-4525	proteomics_stat	2812603	2812638	-	5	10	R.FCVPNKEVMPER.G	16
PSTAT-4526	proteomics_stat	2812639	2812680	-	5	2	M.NTPHGDAITVFDLR.F	18
PSTAT-4527	proteomics_stat	2812639	2812683	-	5	5	T.MNTPHGDAITVFDLR.F	19
PSTAT-4528	proteomics_stat	2812639	2812686	-	5	25	K.TMNTPHGDAITVFDLR.F	20
PSTAT-4529	proteomics_stat	2812717	2812749	-	5	2	P.LLDSFTVDHTR.M	15
PSTAT-4530	proteomics_stat	2812717	2812752	-	5	18	M.PLLDSFTVDHTR.M	16
PSTAT-4531	proteomics_stat	2812914	2812970	-	4	4	R.RQQEMEAADEPFVWLEK.H	23
PSTAT-4532	proteomics_stat	2812986	2813033	-	4	2	R.EEPLLEILREEDFVAER.E	20
PSTAT-4533	proteomics_stat	2813169	2813216	-	4	4	R.VAQTLDSSINGGEAYQK.V	20
PSTAT-4534	proteomics_stat	2813169	2813219	-	4	4	K.RVAQTLDSSINGGEAYQK.V	21
PSTAT-4535	proteomics_stat	2813241	2813306	-	4	7	R.KPGLTLGIGCETAQFPLPQVGK.D	26

PSTAT-4536	proteomics_stat	2813418	2813471	-	4	2	R.SLDINPFSPIGVDEQQVR.F	22
PSTAT-4537	proteomics_stat	2813544	2813606	-	4	5	R.LQINSNVLQIENELYAPIRPK.R	25
PSTAT-4538	proteomics_stat	2813757	2813801	-	4	2	K.TECGMYLPHYATSLR.L	19
PSTAT-4539	proteomics_stat	2813943	2813972	-	4	2	K.CGDISGADAK.E	14
PSTAT-4540	proteomics_stat	2814297	2814365	-	4	4	R.VNADGTLATTGHPEALGSALTHK.W	27
PSTAT-4541	proteomics_stat	2817019	2817054	-	5	10	K.EVSVHREEIYQR.I	16
PSTAT-4542	proteomics_stat	2817091	2817147	-	5	53	R.VGETLMIGDEVTVTLGVK.G	23
PSTAT-4543	proteomics_stat	2817430	2817507	-	5	8	K.GGGRPDMAQAGGTDAAALPAALASVK.G	30
PSTAT-4544	proteomics_stat	2817508	2817552	-	5	3	K.AGELIGMVAQQVGGK.G	19
PSTAT-4545	proteomics_stat	2817508	2817558	-	5	2	R.VKAGELIGMVAQQVGGK.G	21
PSTAT-4546	proteomics_stat	2817601	2817651	-	5	9	K.NQLGSTIIVLATVVEGK.V	21
PSTAT-4547	proteomics_stat	2817601	2817672	-	5	8	R.TMVDDLKKNQLGSTIIVLATVVEGK.V	28
PSTAT-4548	proteomics_stat	2817682	2817717	-	5	3	K.LLVSELSGVEPK.M	16
PSTAT-4549	proteomics_stat	2817742	2817783	-	5	7	K.EQAAAQESANLSSK.A	18
PSTAT-4550	proteomics_stat	2817835	2817867	-	5	6	K.GDSNNLADKVR.S	15
PSTAT-4551	proteomics_stat	2817868	2817894	-	5	3	R.LSEVAHLLK.G	13
PSTAT-4552	proteomics_stat	2817868	2817951	-	5	7	R.IEAVTGEGAIATVHADSDRLSEVAHLLK.G	32
PSTAT-4553	proteomics_stat	2817895	2817951	-	5	2	R.IEAVTGEGAIATVHADSDR.L	23
PSTAT-4554	proteomics_stat	2817895	2817954	-	5	20	R.RIEAVTGEGAIATVHADSDR.L	24
PSTAT-4555	proteomics_stat	2817955	2817987	-	5	2	I.ISESGTAAGVR.R	15
PSTAT-4556	proteomics_stat	2817955	2817990	-	5	4	R.IISESGTAAGVR.R	16
PSTAT-4557	proteomics_stat	2817991	2818014	-	5	2	R.TGDIGLFR.I	12
PSTAT-4558	proteomics_stat	2818015	2818071	-	5	3	R.VLSMGDFSTELCGGTHASR.T	23
PSTAT-4559	proteomics_stat	2818090	2818116	-	5	5	K.GAMALFGEK.Y	13
PSTAT-4560	proteomics_stat	2818123	2818167	-	5	4	R.NLPIETNIMDLEAAK.A	19
PSTAT-4561	proteomics_stat	2818171	2818203	-	5	4	R.AVEDLVNTQIR.R	15
PSTAT-4562	proteomics_stat	2818171	2818206	-	5	2	I.RAVEDLVNTQIR.R	16
PSTAT-4563	proteomics_stat	2818204	2818248	-	5	14	R.FDFSHNEAMKPEEIR.A	19
PSTAT-4564	proteomics_stat	2818279	2818308	-	5	6	R.QVLGTHVSQK.G	14
PSTAT-4565	proteomics_stat	2818363	2818404	-	5	3	K.VGDAVQADVDEARR.A	18
PSTAT-4566	proteomics_stat	2818366	2818404	-	5	13	K.VGDAVQADVDEARR.R	17
PSTAT-4567	proteomics_stat	2818426	2818455	-	5	16	K.YGQAIGHIGK.L	14
PSTAT-4568	proteomics_stat	2818456	2818494	-	5	3	K.GANFSFAVEDTQK.Y	17
PSTAT-4569	proteomics_stat	2818600	2818626	-	5	4	K.VTALFVDGK.A	13
PSTAT-4570	proteomics_stat	2818627	2818656	-	5	7	K.GYDHLELNGK.V	14
PSTAT-4571	proteomics_stat	2818627	2818680	-	5	4	R.VDSASEFKGYDHLELNGK.V	22
PSTAT-4572	proteomics_stat	2818735	2818785	-	5	5	R.NIKVDEAGFEAAMEEQR.R	21
PSTAT-4573	proteomics_stat	2818792	2818842	-	5	5	R.LYDTYGFPVLTADVCR.E	21
PSTAT-4574	proteomics_stat	2818843	2818878	-	5	2	L.SGDTLDGETAFR.L	16
PSTAT-4575	proteomics_stat	2818843	2818881	-	5	3	K.LSGDTLDGETAFR.L	17
PSTAT-4576	proteomics_stat	2818882	2818914	-	5	2	R.GLALLDEELAK.L	15
PSTAT-4577	proteomics_stat	2818927	2818950	-	5	2	K.TEEEQFAR.T	12
PSTAT-4578	proteomics_stat	2818927	2818980	-	5	3	R.QQAQVEQVLKTEEEQFAR.T	22
PSTAT-4579	proteomics_stat	2818981	2819034	-	5	5	K.LVGPLIDVMGSAGEDLKR.Q	22
PSTAT-4580	proteomics_stat	2819116	2819166	-	5	4	R.SCAFLIADGVMPSENENR.G	21
PSTAT-4581	proteomics_stat	2819197	2819226	-	5	8	K.VTGATDLSNK.S	14

PSTAT-4582	proteomics_stat	2819251	2819304	-	5	9	R.IAAVLQHVNSNYDIDLFR.T	22
PSTAT-4583	proteomics_stat	2819305	2819370	-	5	3	R.QADGTMEPLPKPSVDTMGLER.I	26
PSTAT-4584	proteomics_stat	2819776	2819811	-	5	6	K.HNDLENVGYTAR.H	16
PSTAT-4585	proteomics_stat	2819863	2819889	-	5	2	K.DVFLGLDKR.N	13
PSTAT-4586	proteomics_stat	2819866	2819976	-	5	3	K.GHQVVASSSLVPHNDPTLLFTNAGMNQFKDVFLGLDK.R	41
PSTAT-4587	proteomics_stat	2819890	2819976	-	5	19	K.GHQVVASSSLVPHNDPTLLFTNAGMNQFK.D	33
PSTAT-4588	proteomics_stat	2819977	2820006	-	5	5	R.QAFLDFFHSK.G	14
PSTAT-4589	proteomics_stat	2820563	2820631	-	6	5	A.YARLLDRAVRILAVRDHSEQELR.R	27
PSTAT-4590	proteomics_stat	2820823	2820858	-	5	3	K.DNPETAKEIEKK.V	16
PSTAT-4591	proteomics_stat	2820826	2820882	-	5	2	K.ANATAWLKDNPETAKEIEK.K	23
PSTAT-4592	proteomics_stat	2820838	2820882	-	5	7	K.ANATAWLKDNPETAK.E	19
PSTAT-4593	proteomics_stat	2820859	2820882	-	5	3	K.ANATAWLK.D	12
PSTAT-4594	proteomics_stat	2820898	2820930	-	5	2	K.AGAWYSYKGEK.I	15
PSTAT-4595	proteomics_stat	2820907	2820930	-	5	3	K.AGAWYSYK.G	12
PSTAT-4596	proteomics_stat	2821060	2821092	-	5	4	K.EGENVVGSETR.V	15
PSTAT-4597	proteomics_stat	2821141	2821194	-	5	3	K.IGVMFGNPETTTGGNALK.F	22
PSTAT-4598	proteomics_stat	2821282	2821332	-	5	8	K.AEIEGEIGDSHMGLAAR.M	21
PSTAT-4599	proteomics_stat	2821333	2821386	-	5	19	R.SGAVDVIVVDSVAALTPK.A	22
PSTAT-4600	proteomics_stat	2821387	2821470	-	5	2	K.LGVDIDNLLCSQPDTGEQALEICDALAR.S	32
PSTAT-4601	proteomics_stat	2821474	2821524	-	5	3	K.TCAFIDAEHALDPIYAR.K	21
PSTAT-4602	proteomics_stat	2821573	2821608	-	5	3	R.IVEIYGPESSGK.T	16
PSTAT-4603	proteomics_stat	2821732	2821764	-	5	6	K.ALAAALGQIEK.Q	15
PSTAT-4604	proteomics_stat	2822093	2822164	-	6	2	R.EETLAQHGAIVSEPVVEMAIGALK.A	28
PSTAT-4605	proteomics_stat	2822258	2822308	-	6	2	R.GATVTTAESCTGGWVAK.V	21
PSTAT-4606	proteomics_stat	2822315	2822368	-	6	2	V.MTDSELMQLSEQVGQALK.A	22
PSTAT-4607	proteomics_stat	2822651	2822731	-	6	6	K.YSISQLAAAGLTPQQPLGNHQASLLR.L	31
PSTAT-4608	proteomics_stat	2822903	2822956	-	6	3	K.GSFAGAMGYGQFMPSSYK.Q	22
PSTAT-4609	proteomics_stat	2822957	2822986	-	6	5	R.DEQDDPLNLK.G	14
PSTAT-4610	proteomics_stat	2823170	2823238	-	6	5	K.FITPDNVQNGVFWNQYEDALNR.A	27
PSTAT-4611	proteomics_stat	2823251	2823319	-	6	3	R.LMDNQAPTTSVKPPSPNGAWLR.Y	27
PSTAT-4612	proteomics_stat	2836840	2836908	-	5	2	R.FLSVDEIDDIIDAHSQPIMVLNR.R	27
PSTAT-4613	proteomics_stat	2864584	2864637	-	5	6	R.LREILQTQGLNIEALFRE.-	22
PSTAT-4614	proteomics_stat	2864695	2864742	-	5	2	R.FGLLGYEAAATLEDVGR.E	20
PSTAT-4615	proteomics_stat	2864695	2864745	-	5	7	R.RFLLGYEAATLEDVGR.E	21
PSTAT-4616	proteomics_stat	2864806	2864877	-	5	2	K.ALLDILADEKENGPEDTTQDDDMK.Q	28
PSTAT-4617	proteomics_stat	2864878	2864919	-	5	6	R.ITSVDTPLGGDSEK.A	18
PSTAT-4618	proteomics_stat	2864941	2865024	-	5	3	R.ELSHKLDHEPSAEEIAEQLDKPVDDVSR.M	32
PSTAT-4619	proteomics_stat	2865187	2865237	-	5	21	R.GLALLDLIEEGLGLIR.A	21
PSTAT-4620	proteomics_stat	2865331	2865414	-	5	7	R.VLDATQLYLGEIGYSPLLTAEVEVFAR.R	32
PSTAT-4621	proteomics_stat	2865415	2865489	-	5	4	K.ALVEQEPSDNDLAEIEELLSQGATQR.V	29
PSTAT-4622	proteomics_stat	2865490	2865552	-	5	3	K.VHDLNEDAIEFDENGVEVFDEK.A	25
PSTAT-4623	proteomics_stat	2865702	2865740	-	4	5	K.IATMGSTGTSSTR.L	17
PSTAT-4624	proteomics_stat	2865771	2865824	-	4	7	K.HNDDYLSAYAHNDTMLVR.E	22
PSTAT-4625	proteomics_stat	2865825	2865851	-	4	2	R.GYGNLIIK.H	13
PSTAT-4626	proteomics_stat	2865852	2865878	-	4	2	R.VVYAGNALR.G	13
PSTAT-4627	proteomics_stat	2865879	2865911	-	4	2	K.GQAIATADGR.V	15

PSTAT-4628	proteomics_stat	2865936	2865974	-	4	2	K.VIETFGASEGGNK.G	17
PSTAT-4629	proteomics_stat	2866467	2866565	-	4	5	I.QPVQQPQIQATQQPQIQPVQPVAAQQPVQMENGR.I	37
PSTAT-4630	proteomics_stat	2866467	2866601	-	4	3	K.MGTTSTAQQPQIQPVQQPQIQATQQPQIQPVQPVAAQQPVQMENGR.I	49
PSTAT-4631	proteomics_stat	2867158	2867187	-	5	4	K.NLDLHNVSTR.H	14
PSTAT-4632	proteomics_stat	2867500	2867529	-	5	2	R.RVQALLDQLR.A	14
PSTAT-4633	proteomics_stat	2868280	2868321	-	5	2	R.ELINTTGDYAHIAE.-	18
PSTAT-4634	proteomics_stat	2868454	2868519	-	5	13	R.EALAFEQAAVAETELQALLVR.E	26
PSTAT-4635	proteomics_stat	2868520	2868585	-	5	3	R.VNDKELMITAALPGSGEWGTQR.E	26
PSTAT-4636	proteomics_stat	2868589	2868636	-	5	4	R.GSWFVATTEELAEQR.R	20
PSTAT-4637	proteomics_stat	2868769	2868795	-	5	2	R.WAQTNTPV.R.D	13
PSTAT-4638	proteomics_stat	2868796	2868834	-	5	3	R.FGIGGSNLQGAQR.W	17
PSTAT-4639	proteomics_stat	2868979	2869038	-	5	2	K.EMPDLSAFQLEGCVLEYAR.H	24
PSTAT-4640	proteomics_stat	2869264	2869326	-	5	6	K.MIEFDNLTYLHGKPKQGTGLLK.A	25
PSTAT-4641	proteomics_stat	2869626	2869715	-	4	22	K.GLLAHSDDGVALHALTDALLGAAALGDIGK.L	34
PSTAT-4642	proteomics_stat	2869731	2869796	-	4	6	R.IGHGFDVHAFGGEGPIIIGGVR.I	26
PSTAT-4643	proteomics_stat	2869826	2869873	-	6	2	K.VTRPEDLALAEFYLR.T	20
PSTAT-4644	proteomics_stat	2869889	2869972	-	6	2	R.ALNEGATITDEASALEYCGFHPQLVEGR.A	32
PSTAT-4645	proteomics_stat	2870000	2870041	-	6	2	R.NGLWHALTPQFFPR.E	18
PSTAT-4646	proteomics_stat	2870456	2870509	-	6	2	M.ATTHLDVCAVPAAGFGR.R	22
PSTAT-4647	proteomics_stat	2870708	2870749	-	6	2	R.VNDDVAAQQATNAK.L	18
PSTAT-4648	proteomics_stat	2871955	2872011	-	5	4	M.ALHDENVVWHSHPVTVQQR.E	23
PSTAT-4649	proteomics_stat	2872173	2872217	-	4	5	R.YQQNPVTGGLIFIDR.L	19
PSTAT-4650	proteomics_stat	2872218	2872292	-	4	10	R.EVENLPLNGIGLVLDLTFDEPLVDR.Y	29
PSTAT-4651	proteomics_stat	2872569	2872610	-	4	2	R.VKVLPSPGVESNVAR.I	18
PSTAT-4652	proteomics_stat	2872629	2872658	-	4	2	R.GYAGTLASGR.V	14
PSTAT-4653	proteomics_stat	2873076	2873117	-	4	2	K.FIIADTPGHEQYTR.N	18
PSTAT-4654	proteomics_stat	2873238	2873285	-	4	4	R.QIYEDQLSSLHNDSCR.H	20
PSTAT-4655	proteomics_stat	2873367	2873441	-	4	2	K.MNTALAQQIANEGGVEAWMIAQQHK.S	29
PSTAT-4656	proteomics_stat	2874025	2874078	-	5	2	K.NPEGVAMGINPFVHGSAAK.H	22
PSTAT-4657	proteomics_stat	2883256	2883327	-	5	3	V.EQSLDVDFDWLITQHCPADLLFQR.L	28
PSTAT-4658	proteomics_stat	2885642	2885677	-	6	2	R.KWEPGMAEEETR.F	16
PSTAT-4659	proteomics_stat	2885678	2885734	-	6	4	K.YHPLWDEGYLSVGDTHTR.K	23
PSTAT-4660	proteomics_stat	2886284	2886331	-	6	2	M.SKLDLNLNLPKVD.R.I	20
PSTAT-4661	proteomics_stat	2886293	2886331	-	6	3	M.SKLDLNLNLPK.V	17
PSTAT-4662	proteomics_stat	2886424	2886459	-	5	4	R.AGIIRPVLDPAR.D	16
PSTAT-4663	proteomics_stat	2886511	2886564	-	5	3	K.ENITEPEILASLDELIGR.W	22
PSTAT-4664	proteomics_stat	2886511	2886573	-	5	4	R.MYKENITEPEILASLDELIGR.W	25
PSTAT-4665	proteomics_stat	2886730	2886774	-	5	5	R.FLPSFIDNIDNLMAK.H	19
PSTAT-4666	proteomics_stat	2886898	2886948	-	5	4	R.ITANQNLIAGVPESEK.A	21
PSTAT-4667	proteomics_stat	2887240	2887314	-	5	35	R.TASEFGYLPLEHTLAVAEAVTTQR.D	29
PSTAT-4668	proteomics_stat	2887480	2887530	-	5	2	K.VATTDEEPILGQTYLPR.K	21
PSTAT-4669	proteomics_stat	2887663	2887737	-	5	9	K.NVKPVHQMLHSVGLDALATANDMNR.N	29
PSTAT-4670	proteomics_stat	2887924	2887962	-	5	3	R.FHGMYYQQDDRD.R.A	17
PSTAT-4671	proteomics_stat	2887963	2888034	-	5	4	R.GTIAEDLNDGLTGGFKGDNFLLR.F	28
PSTAT-4672	proteomics_stat	2887987	2888034	-	5	2	R.GTIAEDLNDGLTGGFK.G	20
PSTAT-4673	proteomics_stat	2888080	2888118	-	5	4	M.SEKHPGLVVEGK.L	17

PSTAT-4674	proteomics_stat	2888250	2888297	-	4	3	R.WINDGAHIYVCGDANR.M	20
PSTAT-4675	proteomics_stat	2888517	2888582	-	4	6	R.LPANPETPVIMIGPGTGIAPFR.A	26
PSTAT-4676	proteomics_stat	2888583	2888612	-	4	5	R.VFIEHNDNFR.L	14
PSTAT-4677	proteomics_stat	2888613	2888669	-	4	5	R.AGGASSFLADRVEEEGEVR.V	23
PSTAT-4678	proteomics_stat	2888778	2888825	-	4	2	R.FSPAQLDAEALINLLR.P	20
PSTAT-4679	proteomics_stat	2888826	2888870	-	4	9	K.LQHYAATTPIVDMVR.F	19
PSTAT-4680	proteomics_stat	2889000	2889029	-	4	5	K.GDEPVTVEGK.T	14
PSTAT-4681	proteomics_stat	2889000	2889056	-	4	2	K.ELVELLWLKGDPEVTVGK.T	23
PSTAT-4682	proteomics_stat	2889057	2889113	-	4	4	R.YQPGDALGVWYQNDPALVK.E	23
PSTAT-4683	proteomics_stat	2889114	2889149	-	4	4	R.HIEIDLGDGSGMR.Y	16
PSTAT-4684	proteomics_stat	2889183	2889221	-	4	8	K.DAPLVASLSVNQK.I	17
PSTAT-4685	proteomics_stat	2889222	2889296	-	4	7	R.APVAAPSQSVATGAVNEIHTSPYSK.D	29
PSTAT-4686	proteomics_stat	2889222	2889302	-	4	12	K.SRAPVAAPSQSVATGAVNEIHTSPYSK.D	31
PSTAT-4687	proteomics_stat	2889327	2889371	-	4	2	R.VDADVEYQAAASEWR.A	19
PSTAT-4688	proteomics_stat	2889522	2889590	-	4	2	K.LLIVVTSTQGEPEPEEVALHK.F	27
PSTAT-4689	proteomics_stat	2889651	2889689	-	4	4	R.VAEALRDDLLAAK.L	17
PSTAT-4690	proteomics_stat	2889861	2889917	-	4	8	M.TTQVPPSALLPLNPEQLAR.L	23
PSTAT-4691	proteomics_stat	2897543	2897620	-	6	9	R.WGDTQDLMGAAVFLASPASNYVNGHL.L	30
PSTAT-4692	proteomics_stat	2902889	2902942	-	6	3	R.DIEALDELLATLTDDKPR.V	22
PSTAT-4693	proteomics_stat	2903063	2903110	-	6	4	K.NGFSCQIETSGTHEVR.C	20
PSTAT-4694	proteomics_stat	2903111	2903179	-	6	5	R.HVVITGGEPICIHDLPLTDLLEK.N	27
PSTAT-4695	proteomics_stat	2903194	2903241	-	5	4	S.GGLRAVKICWLSLVAR.D	20
PSTAT-4696	proteomics_stat	2904686	2904730	-	6	9	R.IEEALGEKAPYNGRK.E	19
PSTAT-4697	proteomics_stat	2904689	2904730	-	6	9	R.IEEALGEKAPYNGR.K	18
PSTAT-4698	proteomics_stat	2904707	2904730	-	6	7	R.IEEALGEK.A	12
PSTAT-4699	proteomics_stat	2904785	2904850	-	6	138	R.SGETEDATIADLAVGTAAGQIK.T	26
PSTAT-4700	proteomics_stat	2904785	2904880	-	6	48	D.AGYTAVISHRSGETEDATIADLAVGTAAGQIK.T	36
PSTAT-4701	proteomics_stat	2904851	2904883	-	6	18	K.DAGYTAVISHR.S	15
PSTAT-4702	proteomics_stat	2904854	2904883	-	6	13	K.DAGYTAVISHR	14
PSTAT-4703	proteomics_stat	2904893	2904937	-	6	53	K.FNQIGSLTETLAAIK.M	19
PSTAT-4704	proteomics_stat	2904938	2904964	-	6	4	K.GIANSILIK.F	13
PSTAT-4705	proteomics_stat	2904965	2904988	-	6	13	K.ILKEGIEK.G	12
PSTAT-4706	proteomics_stat	2904989	2905030	-	6	33	K.IQLVGDDLFVTNTK.I	18
PSTAT-4707	proteomics_stat	2904989	2905033	-	6	2	D.KIQLVGDDLFVTNTK.I	19
PSTAT-4708	proteomics_stat	2904989	2905045	-	6	44	K.VLGDKIQLVGDDLFVTNTK.I	23
PSTAT-4709	proteomics_stat	2905046	2905117	-	6	63	K.QYPIVSIEDGLDESDWDGFAYQTK.V	28
PSTAT-4710	proteomics_stat	2905115	2905165	-	6	2	K.AFTSEEFTHFLEELTKQ.Y	21
PSTAT-4711	proteomics_stat	2905118	2905162	-	6	3	A.FTSEEFTHFLEELTK.Q	19
PSTAT-4712	proteomics_stat	2905118	2905165	-	6	189	K.AFTSEEFTHFLEELTK.Q	20
PSTAT-4713	proteomics_stat	2905118	2905168	-	6	6	N.KAFTSEEFTHFLEELTK.Q	21
PSTAT-4714	proteomics_stat	2905166	2905192	-	6	8	K.YVLAGEGNK.A	13
PSTAT-4715	proteomics_stat	2905166	2905270	-	6	3	K.AAGYELGKDITLAMDCASEFYKDGKYVLAGEGNK.A	39
PSTAT-4716	proteomics_stat	2905193	2905246	-	6	22	K.DITLAMDCASEFYKDGK.Y	22
PSTAT-4717	proteomics_stat	2905193	2905270	-	6	38	K.AAGYELGKDITLAMDCASEFYKDGK.Y	30
PSTAT-4718	proteomics_stat	2905193	2905276	-	6	6	A.VKAAGYELGKDITLAMDCASEFYKDGK.Y	32
PSTAT-4719	proteomics_stat	2905202	2905246	-	6	17	K.DITLAMDCASEFYK.D	19

PSTAT-4720	proteomics_stat	2905202	2905270	-	6	53	K.AAGYELGKDITLAMDCASEFYK.D	27
PSTAT-4721	proteomics_stat	2905247	2905270	-	6	2	K.AAGYELGK.D	12
PSTAT-4722	proteomics_stat	2905271	2905318	-	6	2	N.LGSNAEALAVIAEAVK.A	20
PSTAT-4723	proteomics_stat	2905271	2905354	-	6	2	N.TAVGDEGGYAPNLGSNAEALAVIAEAVK.A	32
PSTAT-4724	proteomics_stat	2905271	2905363	-	6	81	K.GMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	35
PSTAT-4725	proteomics_stat	2905271	2905369	-	6	10	K.AKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	37
PSTAT-4726	proteomics_stat	2905271	2905402	-	6	3	S.EVFHHLAKVLKAKGMNTAVGDEGGYAPNLGSNAEALAVIAEAVK.A	48
PSTAT-4727	proteomics_stat	2905379	2905408	-	6	4	M.GSEVFHHLAK.V	14
PSTAT-4728	proteomics_stat	2905379	2905411	-	6	14	R.MGSEVFHHLAK.V	15
PSTAT-4729	proteomics_stat	2905433	2905507	-	6	2	N.IINGGEHADNNVDIQEFMIQPVGAK.T	29
PSTAT-4730	proteomics_stat	2905433	2905513	-	6	26	M.MNIINGGEHADNNVDIQEFMIQPVGAK.T	31
PSTAT-4731	proteomics_stat	2905433	2905516	-	6	6	P.MMNIINGGEHADNNVDIQEFMIQPVGAK.T	32
PSTAT-4732	proteomics_stat	2905433	2905534	-	6	71	K.YSMPVPMMNIIINGGEHADNNVDIQEFMIQPVGAK.T	38
PSTAT-4733	proteomics_stat	2905535	2905582	-	6	3	G.MPLYEHIAELNGTPGK.Y	20
PSTAT-4734	proteomics_stat	2905535	2905585	-	6	45	K.GMPLYEHIAELNGTPGK.Y	21
PSTAT-4735	proteomics_stat	2905604	2905648	-	6	116	K.FGANAILAVSLANAK.A	19
PSTAT-4736	proteomics_stat	2905604	2905654	-	6	85	K.SKFGANAILAVSLANAK.A	21
PSTAT-4737	proteomics_stat	2905655	2905684	-	6	2	I.MIDLDTENK.S	14
PSTAT-4738	proteomics_stat	2905655	2905687	-	6	10	K.IMIDLDTENK.S	15
PSTAT-4739	proteomics_stat	2905655	2905708	-	6	8	K.DQAGIDKIMIDLDTENK.S	22
PSTAT-4740	proteomics_stat	2905655	2905717	-	6	4	K.DAKDQAGIDKIMIDLDTENK.S	25
PSTAT-4741	proteomics_stat	2905688	2905717	-	6	3	K.DAKDQAGIDK.I	14
PSTAT-4742	proteomics_stat	2905709	2905765	-	6	2	K.AVAAVNGPIAQALIGKDAK.D	23
PSTAT-4743	proteomics_stat	2905718	2905765	-	6	21	K.AVAAVNGPIAQALIGK.D	20
PSTAT-4744	proteomics_stat	2905718	2905768	-	6	2	T.KAVAAVNGPIAQALIGK.D	21
PSTAT-4745	proteomics_stat	2905796	2905825	-	6	4	R.EALELRDGDK.S	14
PSTAT-4746	proteomics_stat	2905826	2905915	-	6	209	R.GNPTVEAEVHLEGGFVGMMAAPSGASTGSR.E	34
PSTAT-4747	proteomics_stat	2906066	2906086	-	6	2	K.AASEFQK.R	11
PSTAT-4748	proteomics_stat	2906087	2906119	-	6	3	R.DGHPLFAGFVK.A	15
PSTAT-4749	proteomics_stat	2906120	2906215	-	6	3	R.SGDDQLVEIIEVPNHPWFVACQFHPEFTSTPR.D	36
PSTAT-4750	proteomics_stat	2906252	2906284	-	6	4	R.HRYEVNMMLLK.Q	15
PSTAT-4751	proteomics_stat	2906291	2906323	-	6	3	R.QLYNAPTIVER.H	15
PSTAT-4752	proteomics_stat	2906324	2906368	-	6	5	R.LGAQQCQLVDDSLVR.Q	19
PSTAT-4753	proteomics_stat	2906369	2906401	-	6	2	R.SEKSDLGGTMR.L	15
PSTAT-4754	proteomics_stat	2906402	2906428	-	6	7	R.DENGNVEVR.S	13
PSTAT-4755	proteomics_stat	2906429	2906515	-	6	2	R.HVANMENANSTEFVPDCKYPVVALITEWR.D	33
PSTAT-4756	proteomics_stat	2906462	2906515	-	6	10	R.HVANMENANSTEFVPDCK.Y	22
PSTAT-4757	proteomics_stat	2906621	2906662	-	6	2	K.GLDAILVPGGFGYR.G	18
PSTAT-4758	proteomics_stat	2906681	2906704	-	6	2	I.DSQDVETR.G	12
PSTAT-4759	proteomics_stat	2906681	2906710	-	6	7	K.LIDSQDVETR.G	14
PSTAT-4760	proteomics_stat	2906798	2906899	-	6	3	R.FSLNCPANLSEWEQVIFEEANPVSEVTIGMVGK.Y	38
PSTAT-4761	proteomics_stat	2906933	2906971	-	6	3	K.DVDSIYKIPGLLK.S	17
PSTAT-4762	proteomics_stat	2906933	2906989	-	6	2	K.AVISLKDVDSDIYKIPGLLK.S	23
PSTAT-4763	proteomics_stat	2906951	2906971	-	6	2	K.DVDSIYK.I	11
PSTAT-4764	proteomics_stat	2907056	2907100	-	6	5	K.ELLSIGIQPDILICR.S	19
PSTAT-4765	proteomics_stat	2907128	2907190	-	6	4	R.EHTLFMHLTLVPYMAASGEVK.T	25

PSTAT-4766	proteomics_stat	2907317	2907373	-	6	3	R.GDYLGATVQVIPHITNAIK.E	23
PSTAT-4767	proteomics_stat	2907317	2907376	-	6	22	R.RGDYLGATVQVIPHITNAIK.E	24
PSTAT-4768	proteomics_stat	2907383	2907406	-	6	2	R.IYSDVLRK.E	12
PSTAT-4769	proteomics_stat	2907635	2907685	-	6	2	M.TTNYIFVTGGVVSSLGK.G	21
PSTAT-4770	proteomics_stat	2908877	2908906	-	6	2	R.DGVALADQVK.S	14
PSTAT-4771	proteomics_stat	2908988	2909050	-	6	2	K.GSEQAGHRPAVVLSPFMYNNK.T	25
PSTAT-4772	proteomics_stat	2909940	2910017	-	4	2	R.LNQMVNFLQSQFNKPSAEEQDAAALK.Q	30
PSTAT-4773	proteomics_stat	2910018	2910074	-	4	2	R.YNFNDVDELLAAIGGGDIR.L	23
PSTAT-4774	proteomics_stat	2910102	2910146	-	4	2	R.QILDDELEHLGISLK.E	19
PSTAT-4775	proteomics_stat	2910573	2910605	-	4	4	K.YKEGAAAGGAR.S	15
PSTAT-4776	proteomics_stat	2910963	2910998	-	4	3	R.EHYIEEFVGHRL.A	16
PSTAT-4777	proteomics_stat	2911263	2911313	-	4	2	K.ATHTDSVSSEQVDNVR.R	21
PSTAT-4778	proteomics_stat	2911266	2911313	-	4	3	K.ATHTDSVSSEQVDNVR.R	20
PSTAT-4779	proteomics_stat	2911386	2911442	-	4	3	R.AALLFPLADANVSEDVLR.E	23
PSTAT-4780	proteomics_stat	2911961	2912035	-	6	2	R.LNGLQNVTFYHENLEEDVTKQPWAK.N	29
PSTAT-4781	proteomics_stat	2917228	2917275	-	5	2	K.DNSGHTGVGEIPGGEK.I	20
PSTAT-4782	proteomics_stat	2917977	2918078	-	4	52	R.ITVDPNGAWLLDEAISLCKGLNDVLTYAEDPCGA.E	38
PSTAT-4783	proteomics_stat	2920692	2920748	-	4	2	R.YGVIALGDSSYVNFNCGGK.Q	23
PSTAT-4784	proteomics_stat	2920779	2920856	-	4	2	K.YVLVVTSTTGQGDLPDSIVPLFQGIK.D	30
PSTAT-4785	proteomics_stat	2921809	2921865	-	5	2	R.ALILAELEKLDALFADDAS.-	23
PSTAT-4786	proteomics_stat	2921866	2921961	-	5	2	R.MHDLLDNKQPLPGAFAPVAPYYEMALATDHPQR.A	36
PSTAT-4787	proteomics_stat	2922760	2922813	-	5	5	R.THLASNLAEFLNQLKPLL.-	22
PSTAT-4788	proteomics_stat	2922931	2922969	-	5	3	R.VQENLIGHLVTQK.R	17
PSTAT-4789	proteomics_stat	2929890	2929934	-	4	7	R.EATLEDIVELYHTAW.-	19
PSTAT-4790	proteomics_stat	2929935	2930000	-	4	4	R.KEDIPALQAALDDVCTGGNPR.E	26
PSTAT-4791	proteomics_stat	2930415	2930468	-	4	5	K.AATGVDALTHAIEGYITR.G	22
PSTAT-4792	proteomics_stat	2930469	2930552	-	4	2	K.FVCVDPHDIPQVAFIDAMMDGMPPALK.A	32
PSTAT-4793	proteomics_stat	2930724	2930804	-	4	2	K.EGLGVFQNSGADYLIAIGGGSPQDTCK.A	31
PSTAT-4794	proteomics_stat	2930955	2930990	-	4	2	R.GAVGALTDEVKR.R	16
PSTAT-4795	proteomics_stat	2938249	2938329	-	5	2	R.YEEVSHNLAYIQAQLDEHGINAQIQR.Q	31
PSTAT-4796	proteomics_stat	2938924	2938953	-	5	3	R.VEVADTNESK.E	14
PSTAT-4797	proteomics_stat	2938969	2939010	-	5	3	R.ITPIVGMLQGVVEK.G	18
PSTAT-4798	proteomics_stat	2941009	2941068	-	5	3	R.TIVSDGKPQTDNDTGMISYK.D	24
PSTAT-4799	proteomics_stat	2943352	2943426	-	5	2	K.IPLVTTGGAGGQIDPTQIQVTDLAK.T	29
PSTAT-4800	proteomics_stat	2943352	2943432	-	5	2	R.NKIPLVTTGGAGGQIDPTQIQVTDLAK.T	31
PSTAT-4801	proteomics_stat	2943460	2943561	-	5	9	R.VTVVDDFVTPDNVAQYMSVGYSYVIDAIDSVRPK.A	38
PSTAT-4802	proteomics_stat	2946981	2947028	-	4	2	C.QDPTLQSAVVVYCKAR.V	20
PSTAT-4803	proteomics_stat	2948136	2948231	-	4	2	R.TRIPCCSSGRINSRIPPISLIVARRICSALSI.T	36
PSTAT-4804	proteomics_stat	2951899	2951976	-	5	2	R.LTDILHISELLQEAGTQLESEHALVR.W	30
PSTAT-4805	proteomics_stat	2953054	2953107	-	5	2	R.HPLFEAIDQLLAEPLSIR.D	22
PSTAT-4806	proteomics_stat	2954891	2954950	-	6	2	K.AFEQAIMPAQMLSQVYFYSR.D	24
PSTAT-4807	proteomics_stat	2955308	2955352	-	6	3	K.KYDHPPELIVDESRLR.V	19
PSTAT-4808	proteomics_stat	2956316	2956366	-	6	4	R.MAQVSAETINPAHPGSK.F	21
PSTAT-4809	proteomics_stat	2957934	2958005	-	4	2	K.AHSEFVQPLPFTLPETVPLETLQR.F	28
PSTAT-4810	proteomics_stat	2959536	2959616	-	4	4	R.DSENAGQLFNSDGEQDVGNPLLASWGK.L	31
PSTAT-4811	proteomics_stat	2960085	2960126	-	4	2	F.TLLRHLYLTDDSDKR.K	18

PSTAT-4812	proteomics_stat	2962818	2962856	-	4	8	R.HIDQITTVLNQLK.N	17
PSTAT-4813	proteomics_stat	2963073	2963114	-	4	4	R.TGTGTLISIFGHQMR.F	18
PSTAT-4814	proteomics_stat	2963115	2963147	-	4	2	K.VLDEGTQKNDR.T	15
PSTAT-4815	proteomics_stat	2963475	2963549	-	4	2	R.TEDILLQTNPQWQSIFDYGVLPR.H	29
PSTAT-4816	proteomics_stat	2963550	2963594	-	4	3	R.VDPNPFAMLFPGSR.T	19
PSTAT-4817	proteomics_stat	2964306	2964344	-	4	3	R.RIDYAEAENLAQR.S	17
PSTAT-4818	proteomics_stat	2964510	2964551	-	4	2	R.VANIYDSLHPAMLR.A	18
PSTAT-4819	proteomics_stat	2964684	2964725	-	4	2	R.EVEEMIGYEIPKPR.I	18
PSTAT-4820	proteomics_stat	2965236	2965310	-	4	2	R.TLIVDGYRGELLVDPEPVLLQEYQR.L	29
PSTAT-4821	proteomics_stat	2965314	2965370	-	4	2	R.ALGIPTVMGADIQPSVLHR.R	23
PSTAT-4822	proteomics_stat	2965698	2965748	-	4	2	K.ETAAIFDLYSHLLSDTR.L	21
PSTAT-4823	proteomics_stat	2976382	2976432	-	5	7	K.HGIWYTDLPAALDVIQR.H	21
PSTAT-4824	proteomics_stat	2976508	2976588	-	5	5	R.VSELQIPVNAAGSVDMLDQLGQVSPGHR.V	31
PSTAT-4825	proteomics_stat	2976589	2976675	-	5	3	R.ALAAGYNPQTHPDDIVFTADVIDQATLER.V	33
PSTAT-4826	proteomics_stat	2976811	2976864	-	5	4	R.LPAEFGCPVWVYDAQIIR.R	22
PSTAT-4827	proteomics_stat	2976865	2976918	-	5	6	M.PHSLFSTDTDLTAENLLR.L	22
PSTAT-4828	proteomics_stat	2980681	2980746	-	5	4	K.HNINVNAIAPGYMATNNTQQLR.A	26
PSTAT-4829	proteomics_stat	3002534	3002584	-	6	3	R.IISATNQNLAQFIAEGK.F	21
PSTAT-4830	proteomics_stat	3002657	3002737	-	6	5	K.TGLIQAANTGTLFLDEIGDMPLMLQAK.L	31
PSTAT-4831	proteomics_stat	3002771	3002848	-	6	6	R.NKPFIAINCAAIPQLLESELFGYVK.G	30
PSTAT-4832	proteomics_stat	3003191	3003235	-	6	3	K.TLGVVQNNIIGKPIR.F	19
PSTAT-4833	proteomics_stat	3031682	3031717	-	6	2	R.DVILFPAMRPVK.-	16
PSTAT-4834	proteomics_stat	3031718	3031753	-	6	4	R.MVMLFTNSHTIR.D	16
PSTAT-4835	proteomics_stat	3031754	3031855	-	6	7	K.DAGDDEAMFYDEDYVTALEHGLPPTAGLGIGIDR.M	38
PSTAT-4836	proteomics_stat	3031856	3031879	-	6	3	R.FLDQVAAK.D	12
PSTAT-4837	proteomics_stat	3031880	3031933	-	6	5	R.EIGNGFSELNDAEDQAQR.F	22
PSTAT-4838	proteomics_stat	3031934	3031990	-	6	8	R.RNDVNPEITDRFEFFIGGR.E	23
PSTAT-4839	proteomics_stat	3031934	3031990	-	6	8	R.RNDVNPEITDRFEFFIGGR.E	23
PSTAT-4840	proteomics_stat	3031958	3031990	-	6	5	R.RNDVNPEITDR.F	15
PSTAT-4841	proteomics_stat	3031958	3031990	-	6	5	R.RNDVNPEITDR.F	15
PSTAT-4842	proteomics_stat	3031991	3032086	-	6	23	R.IVTEIFEVAEAEHLIQPTFITEYPAEVSPLAR.R	36
PSTAT-4843	proteomics_stat	3032105	3032140	-	6	7	K.AIAESIGIHVEK.S	16
PSTAT-4844	proteomics_stat	3032141	3032191	-	6	6	K.YRPETDMADLDNFDSA.A	21
PSTAT-4845	proteomics_stat	3032141	3032194	-	6	5	K.KYRPETDMADLDNFDSA.A	22
PSTAT-4846	proteomics_stat	3032219	3032272	-	6	8	K.TEVTYGDVTLDFGKPFK.L	22
PSTAT-4847	proteomics_stat	3032219	3032299	-	6	8	R.TLAQDILGKTEVYGDVTLDFGKPFK.L	31
PSTAT-4848	proteomics_stat	3032273	3032299	-	6	2	R.TLAQDILGK.T	13
PSTAT-4849	proteomics_stat	3032486	3032533	-	6	36	R.PFITHHNALDLDMYLR.I	20
PSTAT-4850	proteomics_stat	3032486	3032533	-	6	36	R.PFITHHNALDLDMYLR.I	20
PSTAT-4851	proteomics_stat	3032534	3032593	-	6	4	R.GFMVETPMMQVIPGGAAAR.P	24
PSTAT-4852	proteomics_stat	3032654	3032683	-	6	2	Y.LDLISNDESR.N	14
PSTAT-4853	proteomics_stat	3032654	3032686	-	6	4	R.YLDLISNDESR.N	15
PSTAT-4854	proteomics_stat	3032699	3032725	-	6	3	F.HGLQDQEAR.Y	13
PSTAT-4855	proteomics_stat	3032699	3032728	-	6	4	K.FHGLQDQEAR.Y	14
PSTAT-4856	proteomics_stat	3032699	3032752	-	6	4	K.ALRLPKDFHGLQDQEAR.Y	22
PSTAT-4857	proteomics_stat	3032765	3032800	-	6	8	K.TGELSIHCTELR.L	16

PSTAT-4858	proteomics_stat	3032765	3032800	-	6	8	K.TGELSIHCTELR.L	16
PSTAT-4859	proteomics_stat	3032822	3032851	-	6	2	K.WDLGDILGAK.G	14
PSTAT-4860	proteomics_stat	3032822	3032854	-	6	4	K.KWDLGDILGAK.G	15
PSTAT-4861	proteomics_stat	3032852	3032893	-	6	3	R.DDLPEGVYNEQFKK.W	18
PSTAT-4862	proteomics_stat	3032855	3032893	-	6	10	R.DDLPEGVYNEQFK.K	17
PSTAT-4863	proteomics_stat	3032915	3032950	-	6	3	K.ASFVTLQDVGGR.I	16
PSTAT-4864	proteomics_stat	3032915	3032950	-	6	3	K.ASFVTLQDVGGR.I	16
PSTAT-4865	proteomics_stat	3033137	3033193	-	6	2	M.SEQHAQGADAVVDLNNELK.T	23
PSTAT-4866	proteomics_stat	3033218	3033274	-	6	169	R.NTQAVLDGSLDQFIEASLK.A	23
PSTAT-4867	proteomics_stat	3033308	3033331	-	6	11	R.SYVLDDSR.I	12
PSTAT-4868	proteomics_stat	3033395	3033421	-	6	9	K.LYELEMQKK.N	13
PSTAT-4869	proteomics_stat	3033470	3033517	-	6	24	R.ITHIPTGIVTQCQNDR.S	20
PSTAT-4870	proteomics_stat	3033584	3033664	-	6	66	R.HTSFSSAFVYPEVDDDDIDIEINPADLR.I	31
PSTAT-4871	proteomics_stat	3033584	3033667	-	6	10	R.RHTSFSSAFVYPEVDDDDIDIEINPADLR.I	32
PSTAT-4872	proteomics_stat	3033773	3033817	-	6	6	K.TEIIIESEGEVAGIK.S	19
PSTAT-4873	proteomics_stat	3033977	3034081	-	6	108	K.QGLEDVSGLLELAVEADDEETFNEAVAELDALEEK.L	39
PSTAT-4874	proteomics_stat	3034082	3034123	-	6	28	R.SSLEAVVDTLDQMK.Q	18
PSTAT-4875	proteomics_stat	3034148	3034204	-	6	10	R.LEEVNAELEQPDVWNEPER.A	23
PSTAT-4876	proteomics_stat	3034148	3034210	-	6	4	K.ERLEEVAELEQPDVWNEPER.A	25
PSTAT-4877	proteomics_stat	3036152	3036175	-	6	2	K.EFLDEHQK.M	12
PSTAT-4878	proteomics_stat	3036428	3036475	-	6	4	K.LHEQMADYNALGITVR.Y	20
PSTAT-4879	proteomics_stat	3036590	3036652	-	6	3	K.HIIQGPMYDVSGETAPVNVVTK.M	25
PSTAT-4880	proteomics_stat	3036653	3036700	-	6	2	K.TVLTNSGVLYITDDGK.H	20
PSTAT-4881	proteomics_stat	3036701	3036739	-	6	4	K.SSDIQPAPVAGMK.T	17
PSTAT-4882	proteomics_stat	3036752	3036784	-	6	11	A.DDAAIQQTAK.M	15
PSTAT-4883	proteomics_stat	3037406	3037432	-	6	2	K.DLSEAQVER.L	13
PSTAT-4884	proteomics_stat	3038970	3039038	-	4	2	R.ELDISIMPFFEHEYDSLSDDEKR.I	27
PSTAT-4885	proteomics_stat	3041343	3041396	-	4	3	K.VIADIYPGQTQFYVIEFK.C	22
PSTAT-4886	proteomics_stat	3041397	3041438	-	4	2	K.HAEQENMTLTELK.V	18
PSTAT-4887	proteomics_stat	3041544	3041582	-	4	3	K.TITIRDESESHFK.T	17
PSTAT-4888	proteomics_stat	3044232	3044255	-	4	2	R.LDDVYGDR.N	12
PSTAT-4889	proteomics_stat	3044232	3044258	-	4	4	K.RLDDVYGDR.N	13
PSTAT-4890	proteomics_stat	3044259	3044312	-	4	6	R.EVAVFPAGVADKYWPTVK.R	22
PSTAT-4891	proteomics_stat	3044313	3044405	-	4	3	K.AGVWPLEDNPLVNAPHIQSELVAEWAHPYSR.E	35
PSTAT-4892	proteomics_stat	3044469	3044555	-	4	3	R.LIDYGFHAPTMSPVAGTLMVEPTESK.V	33
PSTAT-4893	proteomics_stat	3044556	3044633	-	4	2	R.VAHECILDIRPLKEETGISELDIAKR.L	30
PSTAT-4894	proteomics_stat	3044559	3044633	-	4	5	R.VAHECILDIRPLKEETGISELDIAK.R	29
PSTAT-4895	proteomics_stat	3044679	3044723	-	4	6	K.ASQVAILNANYIASR.L	19
PSTAT-4896	proteomics_stat	3044751	3044819	-	4	7	R.QGAVSAAPFGSASILPISWMIYR.M	27
PSTAT-4897	proteomics_stat	3044751	3044852	-	4	2	H.SVVQIEGMLTRQGAVSAAPFGSASILPISWMIYR.M	38
PSTAT-4898	proteomics_stat	3044820	3044882	-	4	2	K.AHLAPFVPGHSSVVQIEGMLTR.Q	25
PSTAT-4899	proteomics_stat	3044883	3044939	-	4	2	K.TFCIPHGGGGPGMGPVIGV.K.A	23
PSTAT-4900	proteomics_stat	3045069	3045155	-	4	3	R.AKAEQAGDNLSCIMVTYPSTHGVYEETIR.E	33
PSTAT-4901	proteomics_stat	3045312	3045389	-	4	2	K.LTGYDAVCMQPNSSAQGEYAGLLAIR.H	30
PSTAT-4902	proteomics_stat	3045519	3045569	-	4	2	K.DLALNQAMIPLGSCTMK.L	21
PSTAT-4903	proteomics_stat	3045519	3045572	-	4	2	R.KDLALNQAMIPLGSCTMK.L	22

PSTAT-4904	proteomics_stat	3045621	3045656	-	4	3	R.DDEILTHPVFNR.Y	16
PSTAT-4905	proteomics_stat	3045621	3045680	-	4	2	R.SIQPAMLRDDEILTHPVFNR.Y	24
PSTAT-4906	proteomics_stat	3045681	3045773	-	4	5	R.ENVMQLFNVLLGDNHGLDIDTLDKDVAHDSR.S	35
PSTAT-4907	proteomics_stat	3045774	3045824	-	4	5	R.SDILNAVGITLDETTTR.E	21
PSTAT-4908	proteomics_stat	3046119	3046145	-	4	6	K.DAAGNTALR.M	13
PSTAT-4909	proteomics_stat	3046194	3046247	-	4	8	R.FGVPMGYGGPHAAFFAAK.D	22
PSTAT-4910	proteomics_stat	3046848	3046919	-	4	10	K.DIQLATPPQVGAPATEYAALAEK.A	28
PSTAT-4911	proteomics_stat	3046920	3047012	-	4	3	R.HIGPDAAQQQEMLNAVGAQSLNALTGQIVPK.D	35
PSTAT-4912	proteomics_stat	3047013	3047060	-	4	5	M.TQTLSQLENSGAFIER.H	20
PSTAT-4913	proteomics_stat	3047185	3047253	-	5	2	K.ASDESELESLLDATAYEALLEDE.-	27
PSTAT-4914	proteomics_stat	3047185	3047259	-	5	29	K.IKASDESELESLLDATAYEALLEDE.-	29
PSTAT-4915	proteomics_stat	3047518	3047535	-	5	2	K.EHEWLR.K	10
PSTAT-4916	proteomics_stat	3047661	3047702	-	4	2	R.VPEGIGETAIVQIR.N	18
PSTAT-4917	proteomics_stat	3047703	3047792	-	4	4	R.FTDAQGNQHHEGIITSGTFSPTLGYSIALAR.V	34
PSTAT-4918	proteomics_stat	3047823	3047849	-	4	3	K.LVGLVMTEK.G	13
PSTAT-4919	proteomics_stat	3048018	3048062	-	4	10	R.ALVEAGVKPCGLGAR.D	19
PSTAT-4920	proteomics_stat	3048225	3048272	-	4	8	R.DDLSMIAVQGPNAQAK.A	20
PSTAT-4921	proteomics_stat	3048462	3048488	-	4	3	R.YLLANDVAK.L	13
PSTAT-4922	proteomics_stat	3048516	3048566	-	4	5	R.TDAGMFDVSHMTIVDLR.G	21
PSTAT-4923	proteomics_stat	3048639	3048686	-	4	8	M.AQQTPLYEQHTLCGAR.M	20
PSTAT-4924	proteomics_stat	3049866	3049889	-	4	2	K.DGSMLTAR.L	12
PSTAT-4925	proteomics_stat	3050629	3050700	-	5	4	R.TVLVGNAAQTLHPIAGQGFNLGMR.D	28
PSTAT-4926	proteomics_stat	3050680	3050754	-	5	5	K.RSAYPLALTHAARSITHRTVLVGN.A	29
PSTAT-4927	proteomics_stat	3051397	3051477	-	5	2	R.LSHGALPVHLIEATAPESHAHPGFDGR.A	31
PSTAT-4928	proteomics_stat	3051546	3051584	-	4	11	K.KPEEIEALMVAAR.K	17
PSTAT-4929	proteomics_stat	3051585	3051647	-	4	3	R.IEDDIVITETGNENLTASVVK.K	25
PSTAT-4930	proteomics_stat	3051663	3051743	-	4	6	R.ILEPGMVLTVEPGLYIAPDAEVPEQYR.G	31
PSTAT-4931	proteomics_stat	3051954	3051998	-	4	7	R.EIYDIVLESLETSLR.L	19
PSTAT-4932	proteomics_stat	3052062	3052103	-	4	5	R.DGDVLVLDAGCEYK.G	18
PSTAT-4933	proteomics_stat	3052269	3052301	-	4	7	R.AGEITAMAHR.A	15
PSTAT-4934	proteomics_stat	3052269	3052304	-	4	2	R.RAGEITAMAHR.A	16
PSTAT-4935	proteomics_stat	3052305	3052331	-	4	3	K.SPEEIAVLR.R	13
PSTAT-4936	proteomics_stat	3052557	3052583	-	4	5	R.LGQDAAPEK.L	13
PSTAT-4937	proteomics_stat	3052557	3052586	-	4	3	R.RLGQDAAPEK.L	14
PSTAT-4938	proteomics_stat	3052623	3052661	-	4	12	K.SDDTHNHSVLFNR.V	17
PSTAT-4939	proteomics_stat	3052755	3052823	-	4	3	R.QALVEQMPPGSAALIFAPEVTR.S	27
PSTAT-4940	proteomics_stat	3052891	3052968	-	5	7	R.VAALLCHDTFTHPQPTAPEVQKPTLH.-	30
PSTAT-4941	proteomics_stat	3053053	3053091	-	5	2	K.VTGETGEAIDDLR.N	17
PSTAT-4942	proteomics_stat	3053053	3053100	-	5	5	K.LDKVTGETGEAIDDLR.N	20
PSTAT-4943	proteomics_stat	3055371	3055415	-	4	2	R.LMHIHENRPGVLTAL.N	19
PSTAT-4944	proteomics_stat	3055416	3055490	-	4	5	K.YSDNGSTLSAVNFPEVSLPLHGGR.L	29
PSTAT-4945	proteomics_stat	3055419	3055490	-	4	51	K.YSDNGSTLSAVNFPEVSLPLHGGR.R	28
PSTAT-4946	proteomics_stat	3055419	3055493	-	4	5	I.KYSDNGSTLSAVNFPEVSLPLHGGR.R	29
PSTAT-4947	proteomics_stat	3055500	3055556	-	4	12	H.IGGSTQEAQENIGLEVAGK.L	23
PSTAT-4948	proteomics_stat	3055557	3055664	-	4	17	K.HLAGAAIDVFPTEPATNSDPFTSPLCEFDNVLTPH.I	40
PSTAT-4949	proteomics_stat	3055608	3055664	-	4	2	K.HLAGAAIDVFPTEPATNSD.P	23

PSTAT-4950	proteomics_stat	3055665	3055709	-	4	3	G.TVVDIPALCDALASK.H	19
PSTAT-4951	proteomics_stat	3055665	3055712	-	4	17	R.GTVVDIPALCDALASK.H	20
PSTAT-4952	proteomics_stat	3055713	3055760	-	4	19	K.EISLMKPGSLLINASR.G	20
PSTAT-4953	proteomics_stat	3055779	3055862	-	4	2	N.ATQVQHLSDLLNMSDVVSLHVPENPSTK.N	32
PSTAT-4954	proteomics_stat	3055779	3055877	-	4	9	K.LPLGNATQVQHLSDLLNMSDVVSLHVPENPSTK.N	37
PSTAT-4955	proteomics_stat	3055983	3056009	-	4	6	K.LAAGSFEAR.G	13
PSTAT-4956	proteomics_stat	3056103	3056141	-	4	13	R.GIPVFNAPFSNTR.S	17
PSTAT-4957	proteomics_stat	3056103	3056144	-	4	2	K.RGIPVFNAPFSNTR.S	18
PSTAT-4958	proteomics_stat	3056208	3056243	-	4	6	T.HLTEDVINAAEK.L	16
PSTAT-4959	proteomics_stat	3056208	3056246	-	4	39	R.THLTEDVINAAEK.L	17
PSTAT-4960	proteomics_stat	3056208	3056252	-	4	9	R.SRTHLTEDVINAAEK.L	19
PSTAT-4961	proteomics_stat	3056253	3056276	-	4	10	R.DAHFIGLR.S	12
PSTAT-4962	proteomics_stat	3056253	3056288	-	4	2	K.ESIRDAHFIGLR.S	16
PSTAT-4963	proteomics_stat	3056277	3056315	-	4	20	K.GALDDEQLKESIR.D	17
PSTAT-4964	proteomics_stat	3056277	3056348	-	4	4	R.AAGYTNIIEFHKGALDDEQLKESIR.D	28
PSTAT-4965	proteomics_stat	3056289	3056315	-	4	5	K.GALDDEQLK.E	13
PSTAT-4966	proteomics_stat	3056316	3056342	-	4	2	A.GYTNIIEFHK.G	13
PSTAT-4967	proteomics_stat	3056316	3056345	-	4	4	A.AGYTNIIEFHK.G	14
PSTAT-4968	proteomics_stat	3056316	3056348	-	4	16	R.AAGYTNIIEFHK.G	15
PSTAT-4969	proteomics_stat	3056367	3056390	-	4	4	L.LVEGVHQK.A	12
PSTAT-4970	proteomics_stat	3056367	3056393	-	4	10	F.LLVEGVHQK.A	13
PSTAT-4971	proteomics_stat	3056367	3056396	-	4	16	K.FLLVEGVHQK.A	14
PSTAT-4972	proteomics_stat	3056403	3056423	-	4	2	K.VSLEKDK.I	11
PSTAT-4973	proteomics_stat	3056403	3056429	-	4	2	M.AKVSLEKDK.I	13
PSTAT-4974	proteomics_stat	3056703	3056744	-	4	5	R.GADVALIGTPDGVK.T	18
PSTAT-4975	proteomics_stat	3056928	3056963	-	4	5	K.FPLPVEVIPMAR.S	16
PSTAT-4976	proteomics_stat	3056928	3056984	-	4	3	K.QVDILGKFPLPVEVIPMAR.S	23
PSTAT-4977	proteomics_stat	3056985	3057011	-	4	2	K.FICIADASK.Q	13
PSTAT-4978	proteomics_stat	3057012	3057035	-	4	2	K.IIASVAEK.F	12
PSTAT-4979	proteomics_stat	3057012	3057041	-	4	3	R.EKIIASVAEK.F	14
PSTAT-4980	proteomics_stat	3057171	3057218	-	4	19	K.GQIEGAVSSSDASTEK.L	20
PSTAT-4981	proteomics_stat	3057219	3057323	-	4	102	K.AVGWAALQYVQPGTIVGVGTGSTA AHFIDALGTMK.G	39
PSTAT-4982	proteomics_stat	3057219	3057326	-	4	5	K.KAVGWAALQYVQPGTIVGVGTGSTA AHFIDALGTMK.G	40
PSTAT-4983	proteomics_stat	3065380	3065493	-	5	7	K.ADAAPVSAQETYEQA AIQFDDQVDVVFQLEPVDQ QPAK.T	42
PSTAT-4984	proteomics_stat	3065503	3065541	-	5	6	R.YHVSNYQPSPMVR.M	17
PSTAT-4985	proteomics_stat	3065569	3065625	-	5	8	K.AAIDNAIHQAQELANGFHR.K	23
PSTAT-4986	proteomics_stat	3065569	3065628	-	5	8	R.KAAIDNAIHQAQELANGFHR.K	24
PSTAT-4987	proteomics_stat	3065593	3065625	-	5	2	K.AAIDNAIHQAQ.E	15
PSTAT-4988	proteomics_stat	3065635	3065679	-	5	8	R.SVSLGVAQPDAYKDK.A	19
PSTAT-4989	proteomics_stat	3065701	3065742	-	5	4	R.QLDLKNSLLDGALK.A	18
PSTAT-4990	proteomics_stat	3065794	3065826	-	5	2	R.TQPDYDYQDGK.S	15
PSTAT-4991	proteomics_stat	3065827	3065853	-	5	5	K.KDISSANLR.T	13
PSTAT-4992	proteomics_stat	3065854	3065898	-	5	23	R.VAQYISFLELNQIAK.K	19
PSTAT-4993	proteomics_stat	3065935	3066039	-	5	35	A.NELPDGPHIVTSGTASVDAVPDIATLAI EVNVA AK.D	39
PSTAT-4994	proteomics_stat	3066993	3067052	-	4	4	R.EFDAAGISFPYPQMDVNFKR.V	24
PSTAT-4995	proteomics_stat	3066996	3067052	-	4	5	R.EFDAAGISFPYPQMDVNFKR.R	23

PSTAT-4996	proteomics_stat	3067062	3067115	-	4	4	R.VWSNSGDLQNVYWDVLER.I	22
PSTAT-4997	proteomics_stat	3067116	3067157	-	4	7	R.LNELGASSINFVVR.V	18
PSTAT-4998	proteomics_stat	3067188	3067223	-	4	4	K.QILTNIQSEDR.I	16
PSTAT-4999	proteomics_stat	3067224	3067274	-	4	21	R.NEFIIGVAYDSDIDQVK.Q	21
PSTAT-5000	proteomics_stat	3067290	3067322	-	4	4	K.IIAGNIINFSR.E	15
PSTAT-5001	proteomics_stat	3068190	3068222	-	4	3	K.AFQELNAIDVL.-	15
PSTAT-5002	proteomics_stat	3068232	3068258	-	4	5	R.AGQTSMIAR.L	13
PSTAT-5003	proteomics_stat	3068286	3068351	-	4	17	K.ANEAYLQGQLGNPKGEDQPNNK.Y	26
PSTAT-5004	proteomics_stat	3068289	3068351	-	4	2	K.ANEAYLQGQLGNPKGEDQPNNK.K	25
PSTAT-5005	proteomics_stat	3068310	3068351	-	4	18	K.ANEAYLQGQLGNPK.G	18
PSTAT-5006	proteomics_stat	3068352	3068411	-	4	52	K.MNIDTDTQWATWEGVLNYYK.A	24
PSTAT-5007	proteomics_stat	3068412	3068438	-	4	13	K.DSVSYGVVK.M	13
PSTAT-5008	proteomics_stat	3068439	3068510	-	4	11	K.HNLPHNLSLNFVHHGGSGSTAQEI.K.D	28
PSTAT-5009	proteomics_stat	3068511	3068537	-	4	2	R.DSQEYVSKK.H	13
PSTAT-5010	proteomics_stat	3068514	3068537	-	4	15	R.DSQEYVSK.K	12
PSTAT-5011	proteomics_stat	3068538	3068585	-	4	3	H.GVYKPGNVVLTPTILR.D	20
PSTAT-5012	proteomics_stat	3068538	3068591	-	4	6	N.VHGVYKPGNVVLTPTILR.D	22
PSTAT-5013	proteomics_stat	3068538	3068594	-	4	2	G.NVHGVYKPGNVVLTPTILR.D	23
PSTAT-5014	proteomics_stat	3068538	3068603	-	4	3	A.SFGNVHGVYKPGNVVLTPTILR.D	26
PSTAT-5015	proteomics_stat	3068538	3068618	-	4	252	R.FTIAASFGNVHGVYKPGNVVLTPTILR.D	31
PSTAT-5016	proteomics_stat	3068787	3068840	-	4	3	H.MIDLSEESLQENIEICSK.Y	22
PSTAT-5017	proteomics_stat	3068841	3068879	-	4	7	K.HFAATGKPLFSSH.M	17
PSTAT-5018	proteomics_stat	3068880	3068921	-	4	9	K.LLPWIDGLLDAGEK.H	18
PSTAT-5019	proteomics_stat	3068880	3068924	-	4	15	K.LLPWIDGLLDAGEK.H	19
PSTAT-5020	proteomics_stat	3068991	3069041	-	4	5	K.SDVPQGAAILGAISGAH.H	21
PSTAT-5021	proteomics_stat	3069051	3069104	-	4	12	K.APVIVQFSNGGASFIAGK.G	22
PSTAT-5022	proteomics_stat	3069051	3069110	-	4	70	K.VKAPVIVQFSNGGASFIAGK.G	24
PSTAT-5023	proteomics_stat	3069111	3069188	-	4	22	K.ENNFALPAVNCVGTDSINAVLETA.K.V	30
PSTAT-5024	proteomics_stat	3069207	3069257	-	4	11	K.IFDFVKPGVITGDDVQK.V	21
PSTAT-5025	proteomics_stat	3069207	3069263	-	4	20	M.SKIFDFVKPGVITGDDVQK.V	23
PSTAT-5026	proteomics_stat	3069493	3069522	-	5	3	V.LPAVAMLEER.A	14
PSTAT-5027	proteomics_stat	3069493	3069525	-	5	12	K.VLPAVAMLEER.A	15
PSTAT-5028	proteomics_stat	3069526	3069579	-	5	1016	K.ISYISTGGGAFLEFVEGK.V	22
PSTAT-5029	proteomics_stat	3069580	3069684	-	5	115	K.GTEIVANAIDSEAFSIAGGGDTLAAIDLFGIADK.I	39
PSTAT-5030	proteomics_stat	3069580	3069687	-	5	1135	R.KGTEIVANAIDSEAFSIAGGGDTLAAIDLFGIADK.I	40
PSTAT-5031	proteomics_stat	3069685	3069738	-	5	8	K.TILWNGPVGVFEPNFR.K	22
PSTAT-5032	proteomics_stat	3069688	3069729	-	5	3	L.WNGPVGVFEPNFR.K	18
PSTAT-5033	proteomics_stat	3069688	3069732	-	5	5	I.LWNGPVGVFEPNFR.K	19
PSTAT-5034	proteomics_stat	3069688	3069735	-	5	4	T.ILWNGPVGVFEPNFR.K	20
PSTAT-5035	proteomics_stat	3069688	3069738	-	5	87	K.TILWNGPVGVFEPNFR.K	21
PSTAT-5036	proteomics_stat	3069688	3069741	-	5	10	A.KTILWNGPVGVFEPNFR.K	22
PSTAT-5037	proteomics_stat	3069748	3069801	-	5	3	E.QILDIGDASAQELAEILK.N	22
PSTAT-5038	proteomics_stat	3069748	3069810	-	5	15	K.ADEQILDIGDASAQELAEILK.N	25
PSTAT-5039	proteomics_stat	3069748	3069828	-	5	88	K.SVNDVKADEQILDIGDASAQELAEILK.N	31
PSTAT-5040	proteomics_stat	3069829	3069867	-	5	2	V.ATEFSETAPATLK.S	17
PSTAT-5041	proteomics_stat	3069829	3069870	-	5	21	R.VATEFSETAPATLK.S	18

PSTAT-5042	proteomics_stat	3069829	3069873	-	5	3	V.RVATEFSETAPATLK.S	19
PSTAT-5043	proteomics_stat	3069871	3069912	-	5	10	R.LLTTCNIPVPSDVR.V	18
PSTAT-5044	proteomics_stat	3069871	3069915	-	5	4	K.RLLTTCNIPVPSDVR.V	19
PSTAT-5045	proteomics_stat	3069913	3069945	-	5	6	L.YEADLVDEAKR.L	15
PSTAT-5046	proteomics_stat	3069913	3069948	-	5	2	S.LYEADLVDEAKR.L	16
PSTAT-5047	proteomics_stat	3069913	3069951	-	5	15	K.SLYEADLVDEAKR.L	17
PSTAT-5048	proteomics_stat	3069916	3069951	-	5	5	K.SLYEADLVDEAK.R	16
PSTAT-5049	proteomics_stat	3069952	3069981	-	5	5	F.IAAQGHHDVVGK.S	14
PSTAT-5050	proteomics_stat	3069952	3070026	-	5	215	K.IADQLIVGGGIANTFIAAQGHHDVVGK.S	29
PSTAT-5051	proteomics_stat	3070027	3070053	-	5	2	K.LTVLDSLSK.I	13
PSTAT-5052	proteomics_stat	3070066	3070107	-	5	6	K.EPARPMVAIVGGSK.V	18
PSTAT-5053	proteomics_stat	3070066	3070116	-	5	5	K.ALKEPARPMVAIVGGSK.V	21
PSTAT-5054	proteomics_stat	3070117	3070173	-	5	3	F.ADVACAGPLLAELDALGK.A	23
PSTAT-5055	proteomics_stat	3070117	3070176	-	5	106	K.FADVACAGPLLAELDALGK.A	24
PSTAT-5056	proteomics_stat	3070177	3070206	-	5	7	R.AQASTHGIGK.F	14
PSTAT-5057	proteomics_stat	3070207	3070257	-	5	2	Y.AALCDVFVMDAFGTAHR.A	21
PSTAT-5058	proteomics_stat	3070207	3070260	-	5	78	K.YAALCDVFVMDAFGTAHR.A	22
PSTAT-5059	proteomics_stat	3070207	3070263	-	5	26	K.KYAALCDVFVMDAFGTAHR.A	23
PSTAT-5060	proteomics_stat	3070261	3070287	-	5	5	K.KDDETLSSK.Y	13
PSTAT-5061	proteomics_stat	3070261	3070305	-	5	2	R.FNKGEKKDDETLSSK.Y	19
PSTAT-5062	proteomics_stat	3070264	3070284	-	5	2	K.DDETLSSK.K	11
PSTAT-5063	proteomics_stat	3070264	3070287	-	5	3	K.KDDETLSSK.K	12
PSTAT-5064	proteomics_stat	3070306	3070353	-	5	7	D.GVDVAEGELVVLENVR.F	20
PSTAT-5065	proteomics_stat	3070306	3070365	-	5	62	K.DYLDGVDVAEGELVVLENVR.F	24
PSTAT-5066	proteomics_stat	3070306	3070374	-	5	134	R.LVKDYLDGVDVAEGELVVLENVR.F	27
PSTAT-5067	proteomics_stat	3070375	3070398	-	5	5	K.DKLSNPVR.L	12
PSTAT-5068	proteomics_stat	3070393	3070485	-	5	7	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	35
PSTAT-5069	proteomics_stat	3070399	3070458	-	5	3	R.PTEGEYNEEFSLPPVVNYLK.D	24
PSTAT-5070	proteomics_stat	3070399	3070473	-	5	3	T.SHLGRPTEGEYNEEFSLPPVVNYLK.D	29
PSTAT-5071	proteomics_stat	3070399	3070482	-	5	2	V.MVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	32
PSTAT-5072	proteomics_stat	3070399	3070485	-	5	26	K.VMVTSHLGRPTEGEYNEEFSLPPVVNYLK.D	33
PSTAT-5073	proteomics_stat	3070459	3070485	-	5	2	K.VMVTSHLGR.P	13
PSTAT-5074	proteomics_stat	3070498	3070536	-	5	3	R.IRASLPTIELALK.Q	17
PSTAT-5075	proteomics_stat	3070555	3070587	-	5	20	R.ADLNVPVKDGK.V	15
PSTAT-5076	proteomics_stat	3070564	3070587	-	5	4	R.ADLNVPVK.D	12
PSTAT-5077	proteomics_stat	3070600	3070626	-	5	4	M.TDLDLAGKR.V	13
PSTAT-5078	proteomics_stat	3070600	3070629	-	5	9	K.MTDLDLAGKR.V	14
PSTAT-5079	proteomics_stat	3070603	3070629	-	5	7	K.MTDLDLAGK.R	13
PSTAT-5080	proteomics_stat	3071282	3071356	-	6	2	K.VLFSHPGSNDLDATVVYGVNQDQLR.A	29
PSTAT-5081	proteomics_stat	3071396	3071446	-	6	2	R.ELGVDVVLDCGTVYGSR.E	21
PSTAT-5082	proteomics_stat	3072706	3072759	-	5	11	Q.NGADAGSNDHLKGINAVK.I	22
PSTAT-5083	proteomics_stat	3077867	3077920	-	6	4	R.VVSMPSSTDAFDKQDAAYR.E	22
PSTAT-5084	proteomics_stat	3078044	3078073	-	6	4	R.TEEQLANIAR.G	14
PSTAT-5085	proteomics_stat	3078146	3078196	-	6	4	N.MSTWRPCDQVESAWK.Y	21
PSTAT-5086	proteomics_stat	3078209	3078295	-	6	3	R.QVMVYTHDSIGLGEDGPTHQPVEQVASLR.V	33
PSTAT-5087	proteomics_stat	3078428	3078472	-	6	2	A.INEDAAGNYIHYGVR.E	19

PSTAT-5088	proteomics_stat	3078428	3078475	-	6	13	K.AINEDAAGNYIHYGVR.E	20
PSTAT-5089	proteomics_stat	3078476	3078580	-	6	2	K.ASQNAIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	39
PSTAT-5090	proteomics_stat	3078476	3078583	-	6	16	R.KASQNAIEAFGPLLPEFLGGSADLAPSNLTLWSGSK.A	40
PSTAT-5091	proteomics_stat	3078638	3078673	-	6	14	R.MKGEMPSDFDAK.A	16
PSTAT-5092	proteomics_stat	3078677	3078709	-	6	5	K.AYPQEAAEFTR.R	15
PSTAT-5093	proteomics_stat	3078767	3078814	-	6	3	Y.APFEIPSEIYAQWDAK.E	20
PSTAT-5094	proteomics_stat	3078767	3078817	-	6	29	K.YAPFEIPSEIYAQWDAK.E	21
PSTAT-5095	proteomics_stat	3078836	3078895	-	6	22	K.AGTHDSHGAPLGDAEIALTR.E	24
PSTAT-5096	proteomics_stat	3078896	3078925	-	6	2	K.TIIGFGSPNK.A	14
PSTAT-5097	proteomics_stat	3078926	3078961	-	6	4	R.AVTDKPSLLMCK.T	16
PSTAT-5098	proteomics_stat	3078980	3079015	-	6	17	R.DIDGHDAASIKR.A	16
PSTAT-5099	proteomics_stat	3078983	3079015	-	6	3	R.DIDGHDAASIK.R	15
PSTAT-5100	proteomics_stat	3079016	3079045	-	6	6	R.FEAYGWHVIR.D	14
PSTAT-5101	proteomics_stat	3079265	3079318	-	6	3	T.GPLGQGIANAVGMAIAEK.T	22
PSTAT-5102	proteomics_stat	3079265	3079369	-	6	91	K.TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK.T	39
PSTAT-5103	proteomics_stat	3079487	3079519	-	6	2	K.HNPQNPSWADR.D	15
PSTAT-5104	proteomics_stat	3079532	3079588	-	6	32	K.SGHPGAPMGADIAEVLWR.D	23
PSTAT-5105	proteomics_stat	3079595	3079621	-	6	3	R.ALSMDAVQK.A	13
PSTAT-5106	proteomics_stat	3079595	3079621	-	6	3	R.ALSMDAVQK.A	13
PSTAT-5107	proteomics_stat	3081058	3081114	-	5	2	D.PAFAPGTGTPVIGGLTSDR.A	23
PSTAT-5108	proteomics_stat	3081058	3081168	-	5	4	K.QIVGDMPVYLTFDIDCLDPAFAPGTGTPVIGGLTSDR.A	41
PSTAT-5109	proteomics_stat	3081199	3081258	-	5	4	R.TEFDKDNNGFTVLDACQVNR.S	24
PSTAT-5110	proteomics_stat	3081259	3081303	-	5	3	K.EGLIDPNHSVQIGIR.T	19
PSTAT-5111	proteomics_stat	3081304	3081393	-	5	3	K.MALVHFDAHTDTYANGCEFDHGTMFYAPK.E	34
PSTAT-5112	proteomics_stat	3081418	3081465	-	5	7	R.MLSFGGDHFVTLPLLR.A	20
PSTAT-5113	proteomics_stat	3081523	3081573	-	5	5	R.LNVVDCGDLVYAFGDAR.E	21
PSTAT-5114	proteomics_stat	3081604	3081639	-	5	4	R.QVSTNLAWEHNR.F	16
PSTAT-5115	proteomics_stat	3081673	3081756	-	5	6	R.LPMNFQPYDSADWVITGVPFDMATSGR.A	32
PSTAT-5116	proteomics_stat	3081757	3081816	-	5	4	M.STLGHQYDNSLVSNVAFGLR.L	24
PSTAT-5117	proteomics_stat	3082494	3082529	-	4	11	R.AHRPIIDELQER.M	16
PSTAT-5118	proteomics_stat	3082551	3082598	-	4	6	R.AWAEQLYLSMCHEVQK.Q	20
PSTAT-5119	proteomics_stat	3082599	3082679	-	4	4	R.EWLHDSQMDLHDHIGYSSGIFSLQER.A	31
PSTAT-5120	proteomics_stat	3082746	3082790	-	4	6	R.NEYTVPTAPAEDAPR.A	19
PSTAT-5121	proteomics_stat	3082791	3082844	-	4	5	R.AVTAHHTVLSNIIIGVER.N	22
PSTAT-5122	proteomics_stat	3083160	3083207	-	4	11	K.FGLAATQVLQLVETLR.E	20
PSTAT-5123	proteomics_stat	3083160	3083213	-	4	7	K.SKFGLAATQVLQLVETLR.E	22
PSTAT-5124	proteomics_stat	3083403	3083435	-	4	2	R.SVIVCNGYKDR.E	15
PSTAT-5125	proteomics_stat	3083436	3083477	-	4	3	K.AELMAVLAHAGMTR.S	18
PSTAT-5126	proteomics_stat	3083478	3083534	-	4	5	R.VIESLIHSGEPLGLEAGSK.A	23
PSTAT-5127	proteomics_stat	3083478	3083537	-	4	5	R.RVIESLIHSGEPLGLEAGSK.A	24
PSTAT-5128	proteomics_stat	3083553	3083600	-	4	8	R.ESYGYNGDYFLVYPIK.V	20
PSTAT-5129	proteomics_stat	3083553	3083606	-	4	2	R.ARESYGYNGDYFLVYPIK.V	22
PSTAT-5130	proteomics_stat	3083637	3083678	-	4	5	R.LPALFCFPQILQHR.L	18
PSTAT-5131	proteomics_stat	3083832	3083873	-	4	2	R.SMQEAMSSQEASK.M	18
PSTAT-5132	proteomics_stat	3086390	3086413	-	6	7	S.NYTDIQAK.E	12
PSTAT-5133	proteomics_stat	3099022	3099099	-	5	3	K.SGGNPLQNVLGSLGGLQSSIQTWKK.Q	30

PSTAT-5134	proteomics_stat	3099025	3099099	-	5	3	K.SGGNPLQNVLGLSLGGLQSSIQTEWK.K	29
PSTAT-5135	proteomics_stat	3099112	3099186	-	5	3	R.AEGQQLVNVQAMGGILQDSINEMGAK.A	29
PSTAT-5136	proteomics_stat	3099205	3099231	-	5	2	R.SDGLTFHYK.A	13
PSTAT-5137	proteomics_stat	3099403	3099435	-	5	2	R.EQAKDYQAE LR.S	15
PSTAT-5138	proteomics_stat	3099520	3099558	-	5	7	R.DDVIVSPQTVQVK.G	17
PSTAT-5139	proteomics_stat	3099559	3099585	-	5	2	A.DYQCSVTPR.D	13
PSTAT-5140	proteomics_stat	3099898	3099924	-	5	3	C.TEEHQAIVR.K	13
PSTAT-5141	proteomics_stat	3099898	3099927	-	5	11	K.CTEEHQAIVR.K	14
PSTAT-5142	proteomics_stat	3099994	3100071	-	5	41	R.FPEGTSEEQIDKTVDDFINEVIEPNK.L	30
PSTAT-5143	proteomics_stat	3100036	3100071	-	5	7	R.FPEGTSEEQIDK.T	16
PSTAT-5144	proteomics_stat	3100164	3100199	-	4	5	R.LGHGVWDL MFER.V	16
PSTAT-5145	proteomics_stat	3100233	3100277	-	4	2	K.NLSESN DYVPRPASR.P	19
PSTAT-5146	proteomics_stat	3100491	3100526	-	4	10	R.VMCHDAVEVLHK.M	16
PSTAT-5147	proteomics_stat	3100527	3100625	-	4	2	K.DRPEQDFLGIEVHSPGVGACLASAHEEGLSNLR.V	37
PSTAT-5148	proteomics_stat	3106671	3106706	-	4	2	K.LGDLLIHEGSAK.D	16
PSTAT-5149	proteomics_stat	3106707	3106733	-	4	2	R.ADMCNADV K.L	13
PSTAT-5150	proteomics_stat	3110292	3110384	-	4	3	A.KDPQKIFNYIQLTPVRKEGIVGYAAKPGADR.S	35
PSTAT-5151	proteomics_stat	3114684	3114719	-	4	2	K.YQVENK PDDKPK.L	16
PSTAT-5152	proteomics_stat	3115623	3115676	-	4	2	R.GQAVVNISNAAFPILMAR.N	22
PSTAT-5153	proteomics_stat	3116442	3116483	-	4	3	K.LVNEEVENNAATDK.A	18
PSTAT-5154	proteomics_stat	3119680	3119721	-	5	3	K.QPNGYTEPLLHAWR.L	18
PSTAT-5155	proteomics_stat	3119722	3119754	-	5	3	K.AASDLIFLGVK.Q	15
PSTAT-5156	proteomics_stat	3119755	3119832	-	5	4	K.VVDQQNAGDPAYRPMAGNFANSCAFK.A	30
PSTAT-5157	proteomics_stat	3119806	3119832	-	5	3	K.VVDQQNAGD.P	13
PSTAT-5158	proteomics_stat	3119833	3119868	-	5	4	K.EQVQASLENMAK.V	16
PSTAT-5159	proteomics_stat	3119932	3119970	-	5	10	K.VPDIHNVALMEDR.A	17
PSTAT-5160	proteomics_stat	3119971	3120000	-	5	3	R.WVEQGIGCSK.V	14
PSTAT-5161	proteomics_stat	3120262	3120309	-	5	4	K.GMWAMPDLMADMYSQK.G	20
PSTAT-5162	proteomics_stat	3120331	3120366	-	5	6	R.NNVLSGLFCGLR.G	16
PSTAT-5163	proteomics_stat	3120409	3120459	-	5	2	R.TGDEMHSVMEAGPMLR.K	21
PSTAT-5164	proteomics_stat	3120412	3120459	-	5	5	R.TGDEMHSVMEAGPMLR.K	20
PSTAT-5165	proteomics_stat	3120460	3120492	-	5	3	R.VAFINTGFLDR.T	15
PSTAT-5166	proteomics_stat	3120538	3120564	-	5	2	K.MGIMDEERR.T	13
PSTAT-5167	proteomics_stat	3120565	3120603	-	5	4	R.IETMLGMAPNTLK.M	17
PSTAT-5168	proteomics_stat	3120616	3120651	-	5	21	K.MHG PQEVA FANK.L	16
PSTAT-5169	proteomics_stat	3120652	3120681	-	5	7	R.TGSVYIVKPK.M	14
PSTAT-5170	proteomics_stat	3120832	3120876	-	5	2	R.HYTAADGSEISLHGR.S	19
PSTAT-5171	proteomics_stat	3120832	3120891	-	5	3	K.LNDDRHYTAADGSEISLHGR.S	24
PSTAT-5172	proteomics_stat	3120925	3120963	-	5	9	R.NLLGLMQGTLQEK.M	17
PSTAT-5173	proteomics_stat	3120979	3121086	-	5	11	R.IGKDDPAHINDVIVEAAISTILDCEDSVA AVDAEDK.I	40
PSTAT-5174	proteomics_stat	3121087	3121131	-	5	4	K.NNGLHIELQIDANGR.I	19
PSTAT-5175	proteomics_stat	3121132	3121194	-	5	2	R.TPAQFVGYRGDAAAPTCILLK.N	25
PSTAT-5176	proteomics_stat	3121168	3121194	-	5	3	R.TPAQFVGYR.G	13
PSTAT-5177	proteomics_stat	3121252	3121311	-	5	2	R.FLDES LPLENGSYQDVVAFK.V	24
PSTAT-5178	proteomics_stat	3121252	3121314	-	5	3	R.RFLDES LPLENGSYQDVVAFK.V	25
PSTAT-5179	proteomics_stat	3121342	3121425	-	5	4	R.WGSLYDALYGS DIIPQEGAMVSGYDPQR.G	32

PSTAT-5180	proteomics_stat	3121426	3121452	-	5	6	R.YALNAANAR.W	13
PSTAT-5181	proteomics_stat	3121453	3121536	-	5	11	R.VTVETTIDSEITSQAGPQLVVPAMNAR.Y	32
PSTAT-5182	proteomics_stat	3121537	3121569	-	5	4	R.ELGYLVPQPER.V	15
PSTAT-5183	proteomics_stat	3121621	3121650	-	5	3	R.IQAALDEWHR.S	14
PSTAT-5184	proteomics_stat	3121621	3121656	-	5	6	R.DRIQAALDEWHR.S	16
PSTAT-5185	proteomics_stat	3121675	3121713	-	5	2	N.FDEIVHDLAPENR.Q	17
PSTAT-5186	proteomics_stat	3121675	3121716	-	5	7	R.NFDEIVHDLAPENR.Q	18
PSTAT-5187	proteomics_stat	3121717	3121773	-	5	6	R.FVDEEVLPGTGLDAAAFWR.N	23
PSTAT-5188	proteomics_stat	3121801	3121824	-	5	2	M.SQTITQSR.L	12
PSTAT-5189	proteomics_stat	3121876	3122004	-	5	23	R.TAFVTAPLLTSLEGGVPVVVDGQIIGAVGVSGLTGAQDAQVAK.A	47
PSTAT-5190	proteomics_stat	3122005	3122034	-	5	2	K.GYEEMVNNGR.T	14
PSTAT-5191	proteomics_stat	3122071	3122115	-	5	3	R.MDDCAPIAAYISQEK.A	19
PSTAT-5192	proteomics_stat	3122179	3122241	-	5	3	K.VILSQMASAIIAAGQEEAQK.N	25
PSTAT-5193	proteomics_stat	3123651	3123680	-	4	2	K.STAEDNQIHR.I	14
PSTAT-5194	proteomics_stat	3123690	3123764	-	4	2	R.ISLPSDAPMMDLPGEQLIDWGGALR.W	29
PSTAT-5195	proteomics_stat	3123765	3123809	-	4	2	R.EQQLPFFSLPGTLWR.I	19
PSTAT-5196	proteomics_stat	3124347	3124391	-	4	2	R.GIVNYDPTLVITAR.V	19
PSTAT-5197	proteomics_stat	3125054	3125077	-	6	2	R.LAQDEAER.V	12
PSTAT-5198	proteomics_stat	3125366	3125467	-	6	2	L.TLGSDALDSPGFDLLALFTGSEGMLGVTTEVTVK.L	38
PSTAT-5199	proteomics_stat	3134688	3134723	-	4	2	K.ESDIEPLIVVKK.-	16
PSTAT-5200	proteomics_stat	3134820	3134852	-	4	3	K.NIYQQLWCLPK.V	15
PSTAT-5201	proteomics_stat	3134880	3134930	-	4	5	R.CGSNIDLVSHEEVLDK.T	21
PSTAT-5202	proteomics_stat	3134931	3134963	-	4	4	K.TGYAVKPIAGR.C	15
PSTAT-5203	proteomics_stat	3134964	3135008	-	4	3	R.YLLDFTVNDLVK.T	19
PSTAT-5204	proteomics_stat	3135150	3135188	-	4	3	R.EVSDREFAAVPIR.T	17
PSTAT-5205	proteomics_stat	3135189	3135224	-	4	3	K.TWAWETAFDQIR.E	16
PSTAT-5206	proteomics_stat	3135246	3135302	-	4	2	R.GLDELGWDAAGQLIDGEGR.L	23
PSTAT-5207	proteomics_stat	3135381	3135413	-	4	3	R.ARPVHIMQDK.D	15
PSTAT-5208	proteomics_stat	3135423	3135479	-	4	8	K.GNGFNPAEGLINELAGAWK.H	23
PSTAT-5209	proteomics_stat	3135660	3135704	-	4	4	K.VLKDDNLLALFDIPK.I	19
PSTAT-5210	proteomics_stat	3135705	3135749	-	4	11	K.ATNELHLMYLHATDK.V	19
PSTAT-5211	proteomics_stat	3136056	3136112	-	4	5	R.IAEQNVIIHSPLPQQQWTR.E	23
PSTAT-5212	proteomics_stat	3136119	3136163	-	4	7	K.DTGHVAITQLHGK.V	19
PSTAT-5213	proteomics_stat	3136410	3136535	-	4	5	K.GTTSQDAPFGTLLGYAPGGVAIYSSDYSSLDLPQEYEDDAVFR.S	46
PSTAT-5214	proteomics_stat	3139602	3139655	-	4	2	K.GDHTTFVKPNIPATGEFK.G	22
PSTAT-5215	proteomics_stat	3139719	3139790	-	4	3	K.LTGNTLEVAQLHSTLGRIGRTVH.C	28
PSTAT-5216	proteomics_stat	3148975	3149058	-	5	3	K.ADNSMFIGNDPVTDETMITLALNTEGK.K	32
PSTAT-5217	proteomics_stat	3149677	3149763	-	5	3	K.SLSLHLLNEAQNELELSEGSDDNEGKER.T	33
PSTAT-5218	proteomics_stat	3149764	3149808	-	5	2	R.SLNQANDIAADFGSK.S	19
PSTAT-5219	proteomics_stat	3157912	3157965	-	5	2	R.IIQSRSEDSIINEIEAIR.D	22
PSTAT-5220	proteomics_stat	3159573	3159629	-	4	4	R.DISLGDDPGINGQLWDVNR.I	23
PSTAT-5221	proteomics_stat	3159885	3159968	-	4	4	R.YQLQMNDGRPLHVISGDQGFPPAPVSVK.Q	32
PSTAT-5222	proteomics_stat	3160014	3160121	-	4	2	R.LDNFGTPEYNEPGSGGFVGDTLVNGVQSPYVEVSR.G	40
PSTAT-5223	proteomics_stat	3160122	3160184	-	4	2	K.SLPINHYGVDDFPVIIQDKR.L	25
PSTAT-5224	proteomics_stat	3160787	3160819	-	6	2	K.IAELDKEVAER.E	15
PSTAT-5225	proteomics_stat	3160871	3160933	-	6	2	R.LHNGLVIVEMLPIDVSYGK.D	25

PSTAT-5226	proteomics_stat	3161096	3161134	-	6	5	K.AHGTTAEVNVHFK.K	17
PSTAT-5227	proteomics_stat	3161884	3161952	-	5	2	R.GEDGLAQLYVLPQSTLTIHVGK.R	27
PSTAT-5228	proteomics_stat	3162043	3162138	-	5	28	K.ALITLLENAAHVMPVVEDASDMLLAITQAGR.M	36
PSTAT-5229	proteomics_stat	3162343	3162381	-	5	2	K.SNQPVVVDSTGR.S	17
PSTAT-5230	proteomics_stat	3162418	3162453	-	5	6	K.GHDIDAPGLNYK.A	16
PSTAT-5231	proteomics_stat	3162463	3162534	-	5	2	K.AMSEHMLPSEPVTIVLSQMGWVR.S	28
PSTAT-5232	proteomics_stat	3163027	3163089	-	5	10	R.SNRVDMQVMNHLFATTDLEK.S	25
PSTAT-5233	proteomics_stat	3163201	3163257	-	5	4	K.KEDGAVVISALPHQVSGAR.V	23
PSTAT-5234	proteomics_stat	3163321	3163395	-	5	2	K.TTLDQLLDIVQGPDYPTAEIITSR.A	29
PSTAT-5235	proteomics_stat	3163438	3163515	-	5	4	R.LPNILLNGTTGIAVGMATDIPPHNLR.E	30
PSTAT-5236	proteomics_stat	3163657	3163707	-	5	3	R.YPLVDGQGNWGAPDDPK.S	21
PSTAT-5237	proteomics_stat	3165876	3165914	-	4	2	R.VLDKHPPELLNEIR.-	17
PSTAT-5238	proteomics_stat	3167393	3167419	-	6	6	R.WNGVTVTPK.D	13
PSTAT-5239	proteomics_stat	3167420	3167461	-	6	16	K.DASGTINVDIDHKR.W	18
PSTAT-5240	proteomics_stat	3167462	3167488	-	6	5	R.ISDDLIVFK.D	13
PSTAT-5241	proteomics_stat	3167507	3167530	-	6	2	R.DDTWVTLR.G	12
PSTAT-5242	proteomics_stat	3167507	3167539	-	6	6	K.SLRDDTWVTLR.G	15
PSTAT-5243	proteomics_stat	3167540	3167638	-	6	26	A.AEQGGFSGPSATQSQAGGFQGPNGSVTTVESAK.S	37
PSTAT-5244	proteomics_stat	3172981	3173022	-	5	2	R.DGQVYNIAFENGEK.V	18
PSTAT-5245	proteomics_stat	3173047	3173109	-	5	7	K.NYQFSGGLHGVGISVVNALS.K.R	25
PSTAT-5246	proteomics_stat	3174769	3174807	-	5	2	R.ILQITDTHLFAQK.H	17
PSTAT-5247	proteomics_stat	3175513	3175563	-	5	6	R.TKPVLSFLASPGGTSER.S	21
PSTAT-5248	proteomics_stat	3175696	3175764	-	5	8	R.GHAAVLLPFDPRDEVVLIEQIR.I	27
PSTAT-5249	proteomics_stat	3181862	3181906	-	6	17	K.HNMALVTIEDLVAYR.Q	19
PSTAT-5250	proteomics_stat	3181937	3182038	-	6	5	R.GGHTEATIDLMTLAGFKPAGVLCELTNDGDMAR.A	38
PSTAT-5251	proteomics_stat	3182417	3182443	-	6	2	R.VENALAALR.E	13
PSTAT-5252	proteomics_stat	3182444	3182488	-	6	7	T.MNQTLSSFGTPPER.V	19
PSTAT-5253	proteomics_stat	3189836	3189901	-	6	6	R.MHAEGRPVDILAVTGNMDEEHR.T	26
PSTAT-5254	proteomics_stat	3189914	3189961	-	6	4	L.MDHSLNSLNNFDFLAR.S	20
PSTAT-5255	proteomics_stat	3193444	3193482	-	5	4	K.GGDYKPEEIAGSK.E	17
PSTAT-5256	proteomics_stat	3193483	3193518	-	5	2	R.LIAGILPDLLVK.G	16
PSTAT-5257	proteomics_stat	3193588	3193623	-	5	2	K.GDSRPVNPLEQR.M	16
PSTAT-5258	proteomics_stat	3193630	3193668	-	5	2	R.LIVAVNSDASTKR.L	17
PSTAT-5259	proteomics_stat	3193684	3193752	-	5	8	K.VVMTNGVFDILHAGHVSYLANAR.K	27
PSTAT-5260	proteomics_stat	3193789	3193830	-	5	2	R.ADTGFGVMTEELK.L	18
PSTAT-5261	proteomics_stat	3193837	3193884	-	5	2	K.LGTSTVSPIELENAVR.G	20
PSTAT-5262	proteomics_stat	3194131	3194160	-	5	2	K.CKTEEEIVER.G	14
PSTAT-5263	proteomics_stat	3194161	3194214	-	5	7	R.GATLLTPNLSEFEAVVGK.C	22
PSTAT-5264	proteomics_stat	3194161	3194220	-	5	6	R.YRGATLLTPNLSEFEAVVGK.C	24
PSTAT-5265	proteomics_stat	3194239	3194271	-	5	3	R.KAGVPVLIDPK.G	15
PSTAT-5266	proteomics_stat	3194272	3194313	-	5	4	K.GALASVQMIQLAR.K	18
PSTAT-5267	proteomics_stat	3194314	3194367	-	5	5	R.INQALSSIGALVLSDYAK.G	22
PSTAT-5268	proteomics_stat	3194368	3194421	-	5	4	R.LDFEEGFEGVDPQPLHER.I	22
PSTAT-5269	proteomics_stat	3194458	3194499	-	5	4	K.CDFVSVPTHPTITK.L	18
PSTAT-5270	proteomics_stat	3194572	3194649	-	5	6	K.VNTIEERPGGAANVAMNIASLGANAR.L	30
PSTAT-5271	proteomics_stat	3195069	3195125	-	4	7	K.ADEGGITDIEFITQYLVL.R.Y	23

PSTAT-5272	proteomics_stat	3195867	3195950	-	4	2	R.YPLLLDELDPNTLYQPTATDAYRDEL.R.Q	32
PSTAT-5273	proteomics_stat	3197610	3197663	-	4	2	L.MKPLSSPLQYWQTVVER.L	22
PSTAT-5274	proteomics_stat	3197944	3197967	-	5	2	R.FADIHLR.H	12
PSTAT-5275	proteomics_stat	3198166	3198201	-	5	5	R.HTMLLFGGIVPR.K	16
PSTAT-5276	proteomics_stat	3198334	3198372	-	5	3	R.EIKPTTILHVA.A	17
PSTAT-5277	proteomics_stat	3198433	3198468	-	5	2	K.LANQLVSQTGLR.Q	16
PSTAT-5278	proteomics_stat	3198481	3198543	-	5	2	K.AGEFAEPICELELELLSGDTR.A	25
PSTAT-5279	proteomics_stat	3198841	3198927	-	5	8	R.DHLNLTGGEHDPVQLLNIIYETPDNWL.R.G	33
PSTAT-5280	proteomics_stat	3198928	3198963	-	5	6	K.FIVNHSAVEALR.D	16
PSTAT-5281	proteomics_stat	3207921	3207968	-	4	2	R.PMTDRPGLDFSFGLK.T	20
PSTAT-5282	proteomics_stat	3208419	3208463	-	4	2	K.LHADYGGVPELASR.D	19
PSTAT-5283	proteomics_stat	3213250	3213291	-	5	6	K.LVDRPTVQANEVSK.Q	18
PSTAT-5284	proteomics_stat	3213782	3213814	-	6	4	R.RFEAEQYDPQR.V	15
PSTAT-5285	proteomics_stat	3213836	3213895	-	6	2	R.LAQMQIPADDYFIWITGEGK.V	24
PSTAT-5286	proteomics_stat	3213983	3214024	-	6	5	K.LAVKPQVSALVSVR.D	18
PSTAT-5287	proteomics_stat	3216271	3216306	-	5	3	V.SSVRNGSETLAK.G	16
PSTAT-5288	proteomics_stat	3233388	3233441	-	4	2	L.ELFEKVLGPTTTTLAWKK.A	22
PSTAT-5289	proteomics_stat	3241642	3241701	-	5	6	R.DNEVLGTMIGNFQGEPMGK.M	24
PSTAT-5290	proteomics_stat	3241936	3241980	-	5	2	R.LAGETLSEHEVAQFK.T	19
PSTAT-5291	proteomics_stat	3242335	3242412	-	5	4	K.LLSPSTADEIWNENECNELLAQDNFSAR.G	30
PSTAT-5292	proteomics_stat	3242437	3242511	-	5	2	K.FDAWAATVPHTIGNPLYHWHLELR.R	29
PSTAT-5293	proteomics_stat	3251580	3251615	-	4	2	R.ERPVLTVQLLDK.Q	16
PSTAT-5294	proteomics_stat	3251817	3251870	-	4	4	K.ANTQLAIITEVLGAWER.L	22
PSTAT-5295	proteomics_stat	3251958	3252011	-	4	3	R.VLLEAADKLTDAEALAR.G	22
PSTAT-5296	proteomics_stat	3257752	3257775	-	5	2	L.EIEIAIVR.S	12
PSTAT-5297	proteomics_stat	3257752	3257775	-	5	2	L.EIEIAIVR.S	12
PSTAT-5298	proteomics_stat	3257752	3257778	-	5	3	K.LEIEIAIVR.S	13
PSTAT-5299	proteomics_stat	3258467	3258499	-	6	3	K.GAVASLTSVAK.L	15
PSTAT-5300	proteomics_stat	3258467	3258499	-	6	3	K.GAVASLTSVAK.L	15
PSTAT-5301	proteomics_stat	3261614	3261688	-	6	4	R.KEMNEFPVVLVINCSSSIKFSVLD.A	29
PSTAT-5302	proteomics_stat	3269970	3270059	-	4	9	K.DLANALDTSHGVAQLPLTAAVMMEMQALR.A	34
PSTAT-5303	proteomics_stat	3270264	3270320	-	4	4	K.AMAGSVVHTGEIGAGNVTK.L	23
PSTAT-5304	proteomics_stat	3276433	3276498	-	5	3	R.AYGGALICDSTTPSVEPSVEDK.S	26
PSTAT-5305	proteomics_stat	3288057	3288125	-	4	3	R.QRAQCAKCAADTDPQRRIIFRTE.Q	27
PSTAT-5306	proteomics_stat	3289151	3289222	-	6	7	D.IPERYSMPSSSTILCCPVSSLLAR.A	28
PSTAT-5307	proteomics_stat	3290704	3290757	-	5	3	K.TWETIHGAPVGELOWVK.E	22
PSTAT-5308	proteomics_stat	3290788	3290835	-	5	2	R.LLDSLEDIVAVLGESR.Y	20
PSTAT-5309	proteomics_stat	3291037	3291117	-	5	3	K.LQEGQNIALVSDAGTPLINDPGYHLVR.T	31
PSTAT-5310	proteomics_stat	3291175	3291216	-	5	2	R.HTGLLLQHFGINAR.L	18
PSTAT-5311	proteomics_stat	3291217	3291267	-	5	2	R.ALEVLAQAVDLIAEDTR.H	21
PSTAT-5312	proteomics_stat	3296248	3296316	-	5	3	R.VMLAESMRPEHEGVTLSSSEL.R.K	27
PSTAT-5313	proteomics_stat	3298280	3298345	-	6	3	R.LADDALNGVTGLVEYHEHFNRF.-	26
PSTAT-5314	proteomics_stat	3298388	3298423	-	6	5	R.FGFELAAHHDLR.C	16
PSTAT-5315	proteomics_stat	3298724	3298768	-	6	2	R.VEIPIDAPGIDALLR.R	19
PSTAT-5316	proteomics_stat	3305031	3305081	-	4	3	R.NGYNSAALNGDMNQALR.E	21
PSTAT-5317	proteomics_stat	3306809	3306871	-	6	4	R.KSEVLAVPLQPTLQQEVILAR.M	25

PSTAT-5318	proteomics_stat	3307058	3307120	-	6	2	K.EATEQSQPAAAPEAPAAEQGE.-	25
PSTAT-5319	proteomics_stat	3307166	3307207	-	6	4	K.VTDYLQMGQEVVVK.V	18
PSTAT-5320	proteomics_stat	3307217	3307255	-	6	13	K.EGLVHISQIADKR.V	17
PSTAT-5321	proteomics_stat	3307220	3307255	-	6	7	K.EGLVHISQIADK.R	16
PSTAT-5322	proteomics_stat	3307322	3307360	-	6	2	R.RIEEITAEIEVGR.V	17
PSTAT-5323	proteomics_stat	3307403	3307459	-	6	20	R.ALTEETGTTIEIEDDGTKV.I	23
PSTAT-5324	proteomics_stat	3307529	3307555	-	6	3	R.GDISEFAPR.I	13
PSTAT-5325	proteomics_stat	3307556	3307600	-	6	45	R.LHILGVMEQAINAPR.G	19
PSTAT-5326	proteomics_stat	3307610	3307642	-	6	4	K.EIMQVALNQAK.G	15
PSTAT-5327	proteomics_stat	3307661	3307693	-	6	8	R.DGISALQMDIK.I	15
PSTAT-5328	proteomics_stat	3307709	3307780	-	6	5	K.EGDNYVVLSDILGDEDHLGDMDFK.V	28
PSTAT-5329	proteomics_stat	3307781	3307816	-	6	5	K.AAVAGIAMGLVK.E	16
PSTAT-5330	proteomics_stat	3307817	3307912	-	6	7	R.VVSEITESNGSSSMASVCGASLALMDAGVPIK.A	36
PSTAT-5331	proteomics_stat	3307913	3307963	-	6	5	R.GVLAVMPDMDKFPYTVR.V	21
PSTAT-5332	proteomics_stat	3307913	3307966	-	6	9	K.RGVLAVMPDMDKFPYTVR.V	22
PSTAT-5333	proteomics_stat	3308000	3308074	-	6	16	R.TDTFLFHYNFPYVGETGMVGSRK.R	29
PSTAT-5334	proteomics_stat	3308075	3308110	-	6	5	R.DAQVLDELMGER.T	16
PSTAT-5335	proteomics_stat	3308111	3308155	-	6	9	R.GETQALVTATLGAR.D	19
PSTAT-5336	proteomics_stat	3308156	3308182	-	6	5	R.THGSALFTR.G	13
PSTAT-5337	proteomics_stat	3308216	3308233	-	6	3	R.EKDMIR.G	10
PSTAT-5338	proteomics_stat	3308285	3308368	-	6	60	K.SETIATLLAEDETLDENELGEILHAIK.N	32
PSTAT-5339	proteomics_stat	3308369	3308392	-	6	2	R.YAQVDVIK.S	12
PSTAT-5340	proteomics_stat	3308456	3308500	-	6	5	R.WDWQPEPVNEALNAR.V	19
PSTAT-5341	proteomics_stat	3308669	3308731	-	6	7	R.VGYINDQYVLNPTQDELKESK.L	25
PSTAT-5342	proteomics_stat	3308678	3308731	-	6	5	R.VGYINDQYVLNPTQDELK.E	22
PSTAT-5343	proteomics_stat	3308912	3308950	-	6	7	R.EGRPSEGETLIAR.L	17
PSTAT-5344	proteomics_stat	3308993	3309043	-	6	15	K.AKPGQDFPLTVNYQER.T	21
PSTAT-5345	proteomics_stat	3309116	3309166	-	6	14	K.FYQGQHTVTLETGMMAR.Q	21
PSTAT-5346	proteomics_stat	3309116	3309169	-	6	6	R.KFYQGQHTVTLETGMMAR.Q	22
PSTAT-5347	proteomics_stat	3309455	3309475	-	6	10	R.YTQLIER.L	11
PSTAT-5348	proteomics_stat	3309494	3309514	-	6	2	R.KLLDYLK.R	11
PSTAT-5349	proteomics_stat	3309563	3309655	-	6	31	R.DANDTGSTEVQVALLTAQINHLQGHFAEHK.D	35
PSTAT-5350	proteomics_stat	3309566	3309655	-	6	73	R.DANDTGSTEVQVALLTAQINHLQGHFAEHK.K	34
PSTAT-5351	proteomics_stat	3309677	3309703	-	6	3	M.SLSTEATAK.I	13
PSTAT-5352	proteomics_stat	3310197	3310229	-	4	2	K.LGCGAHVIYLR.R	15
PSTAT-5353	proteomics_stat	3310832	3310876	-	6	4	R.MSNLVTSVVKHDEER.R	19
PSTAT-5354	proteomics_stat	3310877	3310930	-	6	35	R.IVPELTFYDNLVVEGMR.M	22
PSTAT-5355	proteomics_stat	3310961	3310990	-	6	2	K.ALQEASGFIR.S	14
PSTAT-5356	proteomics_stat	3311003	3311047	-	6	4	K.VYVTFLNKDEDVAVK.A	19
PSTAT-5357	proteomics_stat	3311066	3311107	-	6	3	R.LGMMTTVSGVEMSR.D	18
PSTAT-5358	proteomics_stat	3311126	3311149	-	6	3	K.EIALILQR.E	12
PSTAT-5359	proteomics_stat	3311376	3311420	-	4	6	R.TGDVIEVFIEIQR.T	19
PSTAT-5360	proteomics_stat	3311439	3311468	-	4	4	R.NGMECGIGVK.N	14
PSTAT-5361	proteomics_stat	3311469	3311495	-	4	9	R.FKDDVNEVR.N	13
PSTAT-5362	proteomics_stat	3311496	3311540	-	4	13	R.DNVVIYEGELESRR.F	19
PSTAT-5363	proteomics_stat	3311496	3311549	-	4	7	R.VLRDNVVIYEGELESRR.F	22

PSTAT-5364	proteomics_stat	3311499	3311540	-	4	4	R.DNVVIYEGELES.R	18
PSTAT-5365	proteomics_stat	3311499	3311549	-	4	2	R.VLRDNVVIYEGELES.R	21
PSTAT-5366	proteomics_stat	3311565	3311612	-	4	4	K.FGAIAGCMVTEGVVKR.H	20
PSTAT-5367	proteomics_stat	3311568	3311612	-	4	8	K.FGAIAGCMVTEGVVKR.R	19
PSTAT-5368	proteomics_stat	3311634	3311663	-	4	2	K.QQIIGLA.EVR.D	14
PSTAT-5369	proteomics_stat	3311664	3311699	-	4	5	K.AAMSGMLSPELK.Q	16
PSTAT-5370	proteomics_stat	3311700	3311738	-	4	29	R.YYSVIYNLIDEVK.A	17
PSTAT-5371	proteomics_stat	3311739	3311771	-	4	9	R.KVIEAESLDR.Y	15
PSTAT-5372	proteomics_stat	3311790	3311879	-	4	95	K.IIGSGVGGITETDATALAAASNAILVGFNVR.A	34
PSTAT-5373	proteomics_stat	3311907	3311954	-	4	4	K.ADVQGSVEAISDSLLK.L	20
PSTAT-5374	proteomics_stat	3311955	3312023	-	4	30	K.SKLENMFANMTEGEVHEVNIVLK.A	27
PSTAT-5375	proteomics_stat	3312093	3312206	-	4	4	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVRDEK.K	42
PSTAT-5376	proteomics_stat	3312102	3312206	-	4	9	R.NELGQEVLEAGPSIPVEILGLSGVPAAGDEVTVVR.D	39
PSTAT-5377	proteomics_stat	3312150	3312206	-	4	3	R.NELGQEVLEAGPSIPVEIL.G	23
PSTAT-5378	proteomics_stat	3312222	3312275	-	4	5	R.EGTLHKGDIVLCGFYGR.V	22
PSTAT-5379	proteomics_stat	3312276	3312302	-	4	3	R.GPVATVLR.E	13
PSTAT-5380	proteomics_stat	3312309	3312350	-	4	2	K.GMASGAVIESFLDK.G	18
PSTAT-5381	proteomics_stat	3312309	3312353	-	4	16	R.KGMASGAVIESFLDK.G	19
PSTAT-5382	proteomics_stat	3312363	3312428	-	4	35	K.AGTGIDELLDAILLQAEVLELK.A	26
PSTAT-5383	proteomics_stat	3312429	3312503	-	4	2	K.NELSQYGILPEEWGGESQFVHVS.AK.A	29
PSTAT-5384	proteomics_stat	3312429	3312509	-	4	28	R.VKNELSQYGILPEEWGGESQFVHVS.AK.A	31
PSTAT-5385	proteomics_stat	3312504	3312575	-	4	3	K.AAQVPVVAVNKIDKPEADPDR.VK.N	28
PSTAT-5386	proteomics_stat	3312510	3312575	-	4	6	K.AAQVPVVAVNKIDKPEADPDR.V	26
PSTAT-5387	proteomics_stat	3312540	3312575	-	4	5	K.AAQVPVVAVNK.I	16
PSTAT-5388	proteomics_stat	3312576	3312665	-	4	46	R.GAQATDIVLVVAADDGVMPQTIEAIQHAK.A	34
PSTAT-5389	proteomics_stat	3312672	3312791	-	4	7	K.VASGEAGGITQHIGAYHVETENGMITFLDTPGHAAFTSMR.A	44
PSTAT-5390	proteomics_stat	3312756	3312791	-	4	4	K.VASGEAGGITQH.I	16
PSTAT-5391	proteomics_stat	3312825	3312866	-	4	11	R.APVVTIMGHVDHGK.T	18
PSTAT-5392	proteomics_stat	3312867	3312893	-	4	3	R.DTGAAA.EPR.A	13
PSTAT-5393	proteomics_stat	3312867	3312932	-	4	3	R.RENELEEAVMSDRDTGAAA.EPR.A	26
PSTAT-5394	proteomics_stat	3312894	3312929	-	4	3	R.ENELEEAVMSDR.D	16
PSTAT-5395	proteomics_stat	3312945	3313022	-	4	24	K.LGAMATINQVIDQETAQLVAEEMGHK.V	30
PSTAT-5396	proteomics_stat	3312945	3313025	-	4	2	M.KLGAMATINQVIDQETAQLVAEEMGHK.V	31
PSTAT-5397	proteomics_stat	3313065	3313112	-	4	11	R.DVVIGETITVGELANK.M	20
PSTAT-5398	proteomics_stat	3313113	3313163	-	4	16	K.GSSLQQGFQKPAQAVNR.D	21
PSTAT-5399	proteomics_stat	3313113	3313166	-	4	5	R.KGSSLQQGFQKPAQAVNR.D	22
PSTAT-5400	proteomics_stat	3313326	3313394	-	4	5	K.WTDNAEPTEDSSDYHVTTT.SQHAR.Q	27
PSTAT-5401	proteomics_stat	3313326	3313412	-	4	3	R.MAEENKWTDNAEPTEDSSDYHVTTT.SQHAR.Q	33
PSTAT-5402	proteomics_stat	3313437	3313460	-	4	3	R.RKLEEEAR.R	12
PSTAT-5403	proteomics_stat	3313482	3313508	-	4	8	R.EQEAAELKR.K	13
PSTAT-5404	proteomics_stat	3313482	3313511	-	4	2	R.REQEAAELKR.K	14
PSTAT-5405	proteomics_stat	3313536	3313565	-	4	8	K.VSNQQDDMTK.N	14
PSTAT-5406	proteomics_stat	3313536	3313586	-	4	12	R.EAAEKDKVSNQQDDMTK.N	21
PSTAT-5407	proteomics_stat	3313707	3313733	-	4	8	R.LAAEEQAQR.E	13
PSTAT-5408	proteomics_stat	3313707	3313736	-	4	3	E.RLAAEEQAQR.E	14
PSTAT-5409	proteomics_stat	3313806	3313838	-	4	3	R.STLNIPGTGGK.S	15

PSTAT-5410	proteomics_stat	3313848	3313880	-	4	2	K.NSGPDKLTLQR.K	15
PSTAT-5411	proteomics_stat	3313881	3313910	-	4	8	K.QLIDHLNQK.N	14
PSTAT-5412	proteomics_stat	3313911	3313943	-	4	5	K.SADDSVSAQEK.Q	15
PSTAT-5413	proteomics_stat	3313911	3313946	-	4	6	R.KSADDSVSAQEK.Q	16
PSTAT-5414	proteomics_stat	3313944	3313979	-	4	3	R.LVQQFADAGIRK.S	16
PSTAT-5415	proteomics_stat	3314091	3314117	-	4	3	K.AGALIMAAR.N	13
PSTAT-5416	proteomics_stat	3314091	3314195	-	4	14	R.GVCTLEDLAEQIGDDLADIEGLTDEKAGALIMAAR.N	39
PSTAT-5417	proteomics_stat	3314118	3314195	-	4	14	R.GVCTLEDLAEQIGDDLADIEGLTDEK.A	30
PSTAT-5418	proteomics_stat	3314223	3314315	-	4	3	K.NALATIAQAQEESLGDNKPADDLLNLEGVDR.D	35
PSTAT-5419	proteomics_stat	3314223	3314321	-	4	3	R.AKNALATIAQAQEESLGDNKPADDLLNLEGVDR.D	37
PSTAT-5420	proteomics_stat	3314328	3314378	-	4	3	K.ELLEIEGLDEPTVEALR.E	21
PSTAT-5421	proteomics_stat	3314508	3314570	-	4	7	R.LASQLSGWELNVMTVDDLQAK.H	25
PSTAT-5422	proteomics_stat	3314739	3314774	-	4	3	R.VQAVSTELGGER.I	16
PSTAT-5423	proteomics_stat	3314784	3314819	-	4	3	K.RIDPVGACVGM.R	16
PSTAT-5424	proteomics_stat	3314877	3314918	-	4	4	R.IEVPEIGEEVIEIK.A	18
PSTAT-5425	proteomics_stat	3314919	3314951	-	4	20	R.SKPEMLIELFR.I	15
PSTAT-5426	proteomics_stat	3314952	3314975	-	4	3	R.GAQLFVTR.S	12
PSTAT-5427	proteomics_stat	3315039	3315107	-	4	2	R.DNISLDLGNNAEAVILREDMLPR.E	27
PSTAT-5428	proteomics_stat	3315057	3315107	-	4	5	R.DNISLDLGNNAEAVILR.E	21
PSTAT-5429	proteomics_stat	3315117	3315155	-	4	3	R.EHEGEIITGVVKK.V	17
PSTAT-5430	proteomics_stat	3315120	3315155	-	4	7	R.EHEGEIITGVVKK.K	16
PSTAT-5431	proteomics_stat	3315120	3315179	-	4	11	R.AMVVDQFREHEGEIITGVVKK.K	24
PSTAT-5432	proteomics_stat	3315156	3315179	-	4	4	R.AMVVDQFR.E	12
PSTAT-5433	proteomics_stat	3315237	3315305	-	4	18	R.YEDESINLGDYVEDQIESVTFDR.I	27
PSTAT-5434	proteomics_stat	3315306	3315365	-	4	2	R.WLVVDEVTPQTKETLEAAR.Y	24
PSTAT-5435	proteomics_stat	3315330	3315365	-	4	3	R.WLVVDEVTPQTK.E	16
PSTAT-5436	proteomics_stat	3315369	3315392	-	4	2	K.SGDFDTR.R	12
PSTAT-5437	proteomics_stat	3315411	3315437	-	4	4	K.KYEQEIDVR.V	13
PSTAT-5438	proteomics_stat	3315411	3315440	-	4	4	K.KKYEQEIDVR.V	14
PSTAT-5439	proteomics_stat	3315438	3315482	-	4	2	K.IFEALESALATATKK.K	19
PSTAT-5440	proteomics_stat	3315438	3315488	-	4	7	R.EKIFEALESALATATKK.K	21
PSTAT-5441	proteomics_stat	3315441	3315482	-	4	3	K.IFEALESALATATK.K	18
PSTAT-5442	proteomics_stat	3315441	3315488	-	4	30	R.EKIFEALESALATATK.K	20
PSTAT-5443	proteomics_stat	3315501	3315539	-	4	5	K.EILAVVEAVSNEK.A	17
PSTAT-5444	proteomics_stat	3315501	3315548	-	4	9	A.MNKEILAVVEAVSNEK.A	20
PSTAT-5445	proteomics_stat	3320198	3320251	-	6	8	K.TEQTQAAPAKPTSDIPN.-	22
PSTAT-5446	proteomics_stat	3320252	3320287	-	6	4	K.GSEWENLSAPAK.T	16
PSTAT-5447	proteomics_stat	3320878	3320916	-	5	2	K.AVTAEVEAALGNR.G	17
PSTAT-5448	proteomics_stat	3320917	3320961	-	5	5	R.YTAGSGDPLEHESVK.A	19
PSTAT-5449	proteomics_stat	3320992	3321030	-	5	5	R.NHMSLHDLCSGMK.M	17
PSTAT-5450	proteomics_stat	3321031	3321087	-	5	17	K.TTTGDGIVAGLQVLAAMAR.N	23
PSTAT-5451	proteomics_stat	3321088	3321129	-	5	3	R.IGAENSGHVILLDK.T	18
PSTAT-5452	proteomics_stat	3321208	3321261	-	5	13	R.GGAVGTLMSNMGLELALK.Q	22
PSTAT-5453	proteomics_stat	3321289	3321354	-	5	2	R.VIMVDHEGNKVDGDQIMYIAR.E	26
PSTAT-5454	proteomics_stat	3321424	3321507	-	5	4	R.ELGANVIAIGCEPNGVNINAIEVGATDVR.A	32
PSTAT-5455	proteomics_stat	3321508	3321564	-	5	2	K.IVVDCANGATYHIAPNVLR.E	23

PSTAT-5456	proteomics_stat	3321565	3321603	-	5	3	K.ATFPNELSLSELK.I	17
PSTAT-5457	proteomics_stat	3321652	3321687	-	5	4	K.EISCVDSAELGK.A	16
PSTAT-5458	proteomics_stat	3321652	3321756	-	5	3	K.FFSIDGTKLPDAVEEAIEAEMEKEISCVDSAELGK.A	39
PSTAT-5459	proteomics_stat	3321688	3321756	-	5	5	K.FFSIDGTKLPDAVEEAIEAEMEKE.E	27
PSTAT-5460	proteomics_stat	3321757	3321816	-	5	5	R.AEAGIVISASHNPFYDNGIK.F	24
PSTAT-5461	proteomics_stat	3322009	3322047	-	5	2	R.VGDAPITPDFVLK.L	17
PSTAT-5462	proteomics_stat	3322054	3322080	-	5	9	R.KYFGTDGIR.G	13
PSTAT-5463	proteomics_stat	3322580	3322609	-	6	2	K.VGAHIINDIR.S	14
PSTAT-5464	proteomics_stat	3322808	3322897	-	6	3	L.SHPHVMGILNVTPDSFSDGGTHNSLIDAVK.H	34
PSTAT-5465	proteomics_stat	3323071	3323097	-	5	2	K.APRPVDEPR.T	13
PSTAT-5466	proteomics_stat	3323098	3323169	-	5	2	R.DVRPPAGWEEPGASNNSGDNGSPK.A	28
PSTAT-5467	proteomics_stat	3323098	3323172	-	5	3	R.RDVRPPAGWEEPGASNNSGDNGSPK.A	29
PSTAT-5468	proteomics_stat	3323173	3323217	-	5	3	K.YETIDAPQIDDLMAR.R	19
PSTAT-5469	proteomics_stat	3323233	3323274	-	5	4	R.QLLTDNMDILHAMK.D	18
PSTAT-5470	proteomics_stat	3323371	3323421	-	5	98	K.LGPLLYAEEEGEVFLGR.S	21
PSTAT-5471	proteomics_stat	3323476	3323538	-	5	3	R.LAEIIYGPEHVSTGASNDIK.V	25
PSTAT-5472	proteomics_stat	3323539	3323580	-	5	10	R.QKLESQISTLYGGR.L	18
PSTAT-5473	proteomics_stat	3323581	3323634	-	5	8	R.ALGVTFFLPEGDAISASR.Q	22
PSTAT-5474	proteomics_stat	3323659	3323688	-	5	3	R.LVPEHDPVHK.V	14
PSTAT-5475	proteomics_stat	3323689	3323733	-	5	16	K.ESTAYHEAGHAIIGR.L	19
PSTAT-5476	proteomics_stat	3323734	3323760	-	5	3	R.SMVMTEAQK.E	13
PSTAT-5477	proteomics_stat	3323797	3323826	-	5	3	K.RVVSVMVEFEK.A	14
PSTAT-5478	proteomics_stat	3323836	3323904	-	5	14	R.GTPGFSGADLANLVNEAALFAAR.G	27
PSTAT-5479	proteomics_stat	3323905	3323949	-	5	15	R.RVPLAPDIDAIIAR.G	19
PSTAT-5480	proteomics_stat	3324145	3324177	-	5	7	R.GAGLGGGHER.E	15
PSTAT-5481	proteomics_stat	3324184	3324231	-	5	22	K.AAPCIIFIDEIDAVGR.Q	20
PSTAT-5482	proteomics_stat	3324184	3324234	-	5	11	K.KAAPCIIFIDEIDAVGR.Q	21
PSTAT-5483	proteomics_stat	3324235	3324261	-	5	7	R.VRDMFEQAK.K	13
PSTAT-5484	proteomics_stat	3324364	3324399	-	5	2	K.GVLMVGGPGTGK.T	16
PSTAT-5485	proteomics_stat	3324430	3324513	-	5	12	K.TTFADVAGCDEAKEEVAELVEYLREPSR.F	32
PSTAT-5486	proteomics_stat	3324442	3324513	-	5	7	K.TTFADVAGCDEAKEEVAELVEYLR.E	28
PSTAT-5487	proteomics_stat	3324730	3324762	-	5	3	R.YTTYIPVQDPK.L	15
PSTAT-5488	proteomics_stat	3324775	3324795	-	5	4	R.EINVTKK.D	11
PSTAT-5489	proteomics_stat	3324817	3324864	-	5	2	K.VDYSTFLQEVNNDQVR.E	20
PSTAT-5490	proteomics_stat	3324817	3324867	-	5	8	R.KVDYSTFLQEVNNDQVR.E	21
PSTAT-5491	proteomics_stat	3325270	3325335	-	5	2	K.VQVMSDMAPNMSGTPAVDIPR.A	26
PSTAT-5492	proteomics_stat	3325459	3325545	-	5	5	K.LFKPGMTVVDLGAAPGGWSQYVVTQIGGK.G	33
PSTAT-5493	proteomics_stat	3325546	3325572	-	5	4	K.LDEIQQSDK.L	13
PSTAT-5494	proteomics_stat	3325603	3325650	-	5	3	R.WLQEHFSDKYVQQAQK.K	20
PSTAT-5495	proteomics_stat	3326264	3326311	-	6	13	K.TPGGEVEFEVIKVEYL.-	20
PSTAT-5496	proteomics_stat	3326312	3326353	-	6	3	R.GLIGKEEDDVVVIK.T	18
PSTAT-5497	proteomics_stat	3326354	3326419	-	6	5	R.IVGDDDEADFKQNLISVNSPIAR.G	26
PSTAT-5498	proteomics_stat	3326501	3326533	-	6	3	K.LSNAQVIDVTK.M	15
PSTAT-5499	proteomics_stat	3326582	3326608	-	6	4	K.ENAEYHAAR.E	13
PSTAT-5500	proteomics_stat	3326609	3326674	-	6	2	L.KSVRRPEIIAAIAEAREHGDLK.E	26
PSTAT-5501	proteomics_stat	3326627	3326662	-	6	13	R.RPEIIAAIAEAR.E	16

PSTAT-5502	proteomics_stat	3326672	3326698	-	6	3	K.LREELDFLK.S	13
PSTAT-5503	proteomics_stat	3328943	3328972	-	6	4	K.YSQDLATKPR.W	14
PSTAT-5504	proteomics_stat	3328997	3329059	-	6	4	R.VLLHLIDIDPIDGTDPVENAR.I	25
PSTAT-5505	proteomics_stat	3329087	3329155	-	6	2	K.SFVVADIPGLIEGAAEGAGLGIR.F	27
PSTAT-5506	proteomics_stat	3329171	3329221	-	6	5	K.VADYPFTTLVPSLGVVR.M	21
PSTAT-5507	proteomics_stat	3329447	3329491	-	6	4	R.VIDQGTGETMGDMTK.H	19
PSTAT-5508	proteomics_stat	3329597	3329683	-	6	2	K.GGPDGGDGGDGGDVWMEADENLNTLIDYR.F	33
PSTAT-5509	proteomics_stat	3330668	3330751	-	6	2	K.QQAGIGILLALTTAICWGALPIAMKQVL.E	32
PSTAT-5510	proteomics_stat	3330887	3330910	-	6	5	R.KFISIEAE.-	12
PSTAT-5511	proteomics_stat	3330956	3330976	-	6	11	R.DHTLFAK.A	11
PSTAT-5512	proteomics_stat	3330977	3331009	-	6	16	K.FHAGANVGCGR.D	15
PSTAT-5513	proteomics_stat	3330983	3331009	-	6	2	K.FHAGANVGC.G	13
PSTAT-5514	proteomics_stat	3331025	3331066	-	6	54	R.FGGESVLAGSIIVR.Q	18
PSTAT-5515	proteomics_stat	3331294	3331329	-	5	7	K.IGVPFVDGGVIK.A	16
PSTAT-5516	proteomics_stat	3331330	3331401	-	5	218	K.LDIATGETVEFAEVLMIANGEEVK.I	28
PSTAT-5517	proteomics_stat	3331330	3331410	-	5	74	R.LEKLDIATGETVEFAEVLMIANGEEVK.I	31
PSTAT-5518	proteomics_stat	3331411	3331434	-	5	4	R.VSEGQTVR.L	12
PSTAT-5519	proteomics_stat	3331444	3331473	-	5	12	Y.MYAVFQSGGK.Q	14
PSTAT-5520	proteomics_stat	3334037	3334060	-	6	4	K.GAHIVMDK.V	12
PSTAT-5521	proteomics_stat	3334106	3334207	-	6	3	R.FGQQQVSLPGGCTIGARPVDLHISGLEQLGATIK.L	38
PSTAT-5522	proteomics_stat	3334208	3334243	-	6	2	R.ASIWALGPLVAR.F	16
PSTAT-5523	proteomics_stat	3334253	3334291	-	6	4	R.DVNVFCAPYDLVK.T	17
PSTAT-5524	proteomics_stat	3334352	3334378	-	6	6	K.LKDVDTSMK.L	13
PSTAT-5525	proteomics_stat	3334379	3334450	-	6	44	K.NAALPILFAALLAEEPVEIQNVPK.L	28
PSTAT-5526	proteomics_stat	3334643	3334690	-	6	3	K.QQTVYGPLMEYIADNR.I	20
PSTAT-5527	proteomics_stat	3334643	3334693	-	6	4	K.KQQTVYGPLMEYIADNR.I	21
PSTAT-5528	proteomics_stat	3335039	3335080	-	6	5	K.KQGNNVTLQGVNDK.V	18
PSTAT-5529	proteomics_stat	3335081	3335131	-	6	5	R.VDTGGLALLHLIDLAK.K	21
PSTAT-5530	proteomics_stat	3335320	3335349	-	5	2	K.GIDGLTAQLK.S	14
PSTAT-5531	proteomics_stat	3335383	3335451	-	5	7	K.NSQGTGNWQAYDMIAEGVSMITTK.Q	27
PSTAT-5532	proteomics_stat	3335383	3335454	-	5	3	R.KNSQGTGNWQAYDMIAEGVSMITTK.Q	28
PSTAT-5533	proteomics_stat	3335530	3335607	-	5	2	K.QAYGQALAMYHGQTYQIAPEQPLGDK.T	30
PSTAT-5534	proteomics_stat	3335620	3335643	-	5	2	R.EAYFAAFR.E	12
PSTAT-5535	proteomics_stat	3335701	3335742	-	5	4	R.TIVDQELLPYVQVK.Y	18
PSTAT-5536	proteomics_stat	3335764	3335790	-	5	3	R.LKNEQPQIR.A	13
PSTAT-5537	proteomics_stat	3335803	3335826	-	5	4	K.LMDEAAQK.T	12
PSTAT-5538	proteomics_stat	3335827	3335850	-	5	4	A.ADQTNPYK.L	12
PSTAT-5539	proteomics_stat	3335935	3336003	-	5	6	K.NSGDAPAAAPGNNETTEPVGTTK.-	27
PSTAT-5540	proteomics_stat	3336019	3336069	-	5	10	K.SAMVLEDLIGQFLYGSK.G	21
PSTAT-5541	proteomics_stat	3336070	3336096	-	5	4	K.DGDTIQDTK.S	13
PSTAT-5542	proteomics_stat	3336283	3336318	-	5	2	R.SPVSIGGVVGR.V	16
PSTAT-5543	proteomics_stat	3337157	3337204	-	6	2	R.AGLMLFNALVGKPEFR.K	20
PSTAT-5544	proteomics_stat	3337371	3337421	-	4	7	K.IVAHGSQAALQANPDPR.V	21
PSTAT-5545	proteomics_stat	3337533	3337616	-	4	4	R.AIALEPDLIMFDEPFVQDPITMGVLVK.L	32
PSTAT-5546	proteomics_stat	3337704	3337754	-	4	6	R.EHTQLPAPLLHSTVMMK.L	21
PSTAT-5547	proteomics_stat	3337857	3337931	-	4	4	R.LIGGQIAPDHGEILFDGENIPAMSR.S	29

PSTAT-5548	proteomics_stat	3337947	3337988	-	4	3	R.GKITAIMGPSGIGK.T	18
PSTAT-5549	proteomics_stat	3346905	3346985	-	4	2	R.RQHFDQVVASGINVLSPLSQTGTITS.D	31
PSTAT-5550	proteomics_stat	3347861	3347926	-	6	8	K.IVTPPAYMLAQNIAEAASGIDK.L	26
PSTAT-5551	proteomics_stat	3348053	3348127	-	6	13	K.ALAQAMHQAGKPLGFMCIAPAMPLPK.I	29
PSTAT-5552	proteomics_stat	3348137	3348184	-	6	4	K.NLSNFASLGSECTVDR.E	20
PSTAT-5553	proteomics_stat	3348185	3348265	-	6	5	R.GEIRPLAQADAAELDALIVPGGFGAAK.N	31
PSTAT-5554	proteomics_stat	3348299	3348388	-	6	2	R.SGAQAVCFAPDKQQVDVINHLTGEAMTETR.N	34
PSTAT-5555	proteomics_stat	3349008	3349067	-	4	3	K.SEALLDIPMLEQYLELVGPK.L	24
PSTAT-5556	proteomics_stat	3349617	3349673	-	4	4	K.DSHGGKPATGTGIGLAVSR.R	23
PSTAT-5557	proteomics_stat	3349920	3350003	-	4	6	K.VQLDNQPVDFTSFLADLENLSALQAQK.G	32
PSTAT-5558	proteomics_stat	3350415	3350468	-	4	3	K.QLVHLKPADVVSPEAAK.V	22
PSTAT-5559	proteomics_stat	3369778	3369870	-	5	2	A.GNLQNAAIIVAVLGLLCAAIFISFMVQSAGKR.W	35
PSTAT-5560	proteomics_stat	3370456	3370536	-	5	4	R.AFSAAWLGYLLDGFDFVLIALVLTEVQ.G	31
PSTAT-5561	proteomics_stat	3371104	3371160	-	5	2	K.LTLDQINTLVTLPGVGALK.Q	23
PSTAT-5562	proteomics_stat	3371311	3371373	-	5	2	K.LIAHVGCVSTAESQQLAASAK.R	25
PSTAT-5563	proteomics_stat	3371527	3371580	-	5	2	R.GVMAALLTPFDQQQALDK.A	22
PSTAT-5564	proteomics_stat	3372128	3372175	-	6	2	K.DFLSHPGGIAHFEQLR.L	20
PSTAT-5565	proteomics_stat	3372176	3372229	-	6	3	R.VSRPSADTIIGELSGMAK.D	22
PSTAT-5566	proteomics_stat	3374511	3374555	-	4	2	R.QVSVPLAAVLAIYAR.E	19
PSTAT-5567	proteomics_stat	3374586	3374624	-	4	2	R.AVGNLELANDEV.R	17
PSTAT-5568	proteomics_stat	3374625	3374657	-	4	3	R.DGQIVLNIAPR.A	15
PSTAT-5569	proteomics_stat	3374828	3374863	-	6	4	R.DSFLASLTEAER.E	16
PSTAT-5570	proteomics_stat	3374900	3374941	-	6	2	R.LPQLGIEFSGPGAK.E	18
PSTAT-5571	proteomics_stat	3375053	3375127	-	6	7	R.IEKDWYTLMNTIINGSASEADAARK.Q	29
PSTAT-5572	proteomics_stat	3375056	3375118	-	6	2	K.DWYTLMNTIINGSASEADAAR.K	25
PSTAT-5573	proteomics_stat	3375056	3375127	-	6	6	R.IEKDWYTLMNTIINGSASEADAAR.K	28
PSTAT-5574	proteomics_stat	3375155	3375196	-	6	11	R.FPHPLMPVYPVAR.G	18
PSTAT-5575	proteomics_stat	3375155	3375223	-	6	8	R.IIMEYLDERFPHPLMPVYPVAR.G	27
PSTAT-5576	proteomics_stat	3375224	3375247	-	6	2	R.ELTLWESR.I	12
PSTAT-5577	proteomics_stat	3375248	3375313	-	6	15	K.DNPPQDLIDLNPNSVPTLVDR.E	26
PSTAT-5578	proteomics_stat	3375314	3375346	-	6	3	K.GVSFEIEHVEK.D	15
PSTAT-5579	proteomics_stat	3375365	3375418	-	6	6	R.SVMTLFSGPTDIYSHQVR.I	22
PSTAT-5580	proteomics_stat	3375374	3375418	-	6	3	R.SVMTLFSGPTDIYSH.Q	19
PSTAT-5581	proteomics_stat	3375945	3375974	-	4	6	R.ALMEYDESLR.S	14
PSTAT-5582	proteomics_stat	3375987	3376025	-	4	3	K.GGGISGQAGAIR.H	17
PSTAT-5583	proteomics_stat	3375990	3376025	-	4	12	K.GGGISGQAGAIR.H	16
PSTAT-5584	proteomics_stat	3376026	3376082	-	4	5	R.QPLELVDLMVEKLDLYITVK.G	23
PSTAT-5585	proteomics_stat	3376050	3376082	-	4	5	R.QPLELVDLMVEK.L	15
PSTAT-5586	proteomics_stat	3376107	3376130	-	4	8	R.SLEQYFGR.E	12
PSTAT-5587	proteomics_stat	3376149	3376175	-	4	3	R.VFIKPGNGK.I	13
PSTAT-5588	proteomics_stat	3376197	3376226	-	4	13	M.AENQYYGTGR.R	14
PSTAT-5589	proteomics_stat	3376248	3376304	-	4	11	K.VYAGNEHNHAAQQPQLDI.-	23
PSTAT-5590	proteomics_stat	3376260	3376304	-	4	3	K.VYAGNEHNHAAQQPQ.V	19
PSTAT-5591	proteomics_stat	3376389	3376415	-	4	2	Q.ATFEEMIAR.R	13
PSTAT-5592	proteomics_stat	3376389	3376418	-	4	4	K.QATFEEMIAR.R	14
PSTAT-5593	proteomics_stat	3376467	3376550	-	4	7	K.AEYTPHVDTGDYIIVLNADKVAVTGNKR.T	32

PSTAT-5594	proteomics_stat	3376470	3376550	-	4	19	K.AEYTPHVDTGDYIIVLNADKVAVTGNK.R	31
PSTAT-5595	proteomics_stat	3376491	3376550	-	4	14	K.AEYTPHVDTGDYIIVLNADK.V	24
PSTAT-5596	proteomics_stat	3376491	3376556	-	4	42	K.HKAEYTPHVDTGDYIIVLNADK.V	26
PSTAT-5597	proteomics_stat	3376605	3376634	-	4	20	R.DWYVV DATGK.T	14
PSTAT-5598	proteomics_stat	3376605	3376637	-	4	6	K.RDWYVV DATGK.T	15
PSTAT-5599	proteomics_stat	3376635	3376667	-	4	2	K.TFTAKPETVKR.D	15
PSTAT-5600	proteomics_stat	3376638	3376667	-	4	13	K.TFTAKPETVK.R	14
PSTAT-5601	proteomics_stat	3376979	3377029	-	6	2	K.LVVS AEVPLYEIQGDR.L	21
PSTAT-5602	proteomics_stat	3377321	3377371	-	6	4	R.TLTQAHLWLSPLHDETR.A	21
PSTAT-5603	proteomics_stat	3377942	3377983	-	6	3	K.ALNEGSHQPDDVQK.E	18
PSTAT-5604	proteomics_stat	3381355	3381387	-	5	24	K.DIALGEEFVNK.-	15
PSTAT-5605	proteomics_stat	3381355	3381390	-	5	5	K.KDIALGEEFVNK.-	16
PSTAT-5606	proteomics_stat	3381388	3381429	-	5	3	F.EQNALEGMLDTLKK.D	18
PSTAT-5607	proteomics_stat	3381388	3381453	-	5	55	K.SIGTLSAFEQNALEGMLDTLKK.D	26
PSTAT-5608	proteomics_stat	3381388	3381456	-	5	138	R.KSIGTLSAFEQNALEGMLDTLKK.D	27
PSTAT-5609	proteomics_stat	3381391	3381453	-	5	4	K.SIGTLSAFEQNALEGMLDTLK.K	25
PSTAT-5610	proteomics_stat	3381391	3381456	-	5	24	R.KSIGTLSAFEQNALEGMLDTLK.K	26
PSTAT-5611	proteomics_stat	3381409	3381456	-	5	5	R.KSIGTLSAFEQNALEG.M	20
PSTAT-5612	proteomics_stat	3381475	3381504	-	5	8	R.FFSQPLLLGK.N	14
PSTAT-5613	proteomics_stat	3381505	3381570	-	5	106	R.ALQGEQGVVE CAYVEGDGQYAR.F	26
PSTAT-5614	proteomics_stat	3381592	3381639	-	5	23	K.AGGGSATLSMGQAAAR.F	20
PSTAT-5615	proteomics_stat	3381634	3381675	-	5	2	R.IQNAGTEVVEAKAG.G	18
PSTAT-5616	proteomics_stat	3381640	3381675	-	5	21	R.IQNAGTEVVEAK.A	16
PSTAT-5617	proteomics_stat	3381640	3381678	-	5	18	K.RIQNAGTEVVEAK.A	17
PSTAT-5618	proteomics_stat	3381676	3381723	-	5	44	V.PGVSFTEQE VADLTKR.I	20
PSTAT-5619	proteomics_stat	3381676	3381726	-	5	8	Q.VPGVSFTEQE VADLTKR.I	21
PSTAT-5620	proteomics_stat	3381676	3381741	-	5	4	L.PLLSQVPGVSFTEQE VADLTKR.I	26
PSTAT-5621	proteomics_stat	3381676	3381759	-	5	3	H.SGVTILPLLSQVPGVSFTEQE VADLTKR.I	32
PSTAT-5622	proteomics_stat	3381676	3381771	-	5	7	V.IGGHSGVTILPLLSQVPGVSFTEQE VADLTKR.I	36
PSTAT-5623	proteomics_stat	3381676	3381798	-	5	7	K.QPGEVEVPVIGGHS GVTILPLLSQVPGVSFTEQE VADLTKR.I	45
PSTAT-5624	proteomics_stat	3381676	3381804	-	5	66	K.GKQPGEVEVPVIGGHS GVTILPLLSQVPGVSFTEQE VADLTKR.I	47
PSTAT-5625	proteomics_stat	3381679	3381723	-	5	9	V.PGVSFTEQE VADLTKR	19
PSTAT-5626	proteomics_stat	3381679	3381738	-	5	49	P.LLSQVPGVSFTEQE VADLTK.R	24
PSTAT-5627	proteomics_stat	3381679	3381759	-	5	8	H.SGVTILPLLSQVPGVSFTEQE VADLTK.R	31
PSTAT-5628	proteomics_stat	3381679	3381792	-	5	2	P.GEVEVPVIGGHS GVTILPLLSQVPGVSFTEQE VADLTK.R	42
PSTAT-5629	proteomics_stat	3381679	3381798	-	5	9	K.QPGEVEVPVIGGHS GVTILPLLSQVPGVSFTEQE VADLTK.R	44
PSTAT-5630	proteomics_stat	3381679	3381804	-	5	57	K.GKQPGEVEVPVIGGHS GVTILPLLSQVPGVSFTEQE VADLTK.R	46
PSTAT-5631	proteomics_stat	3381760	3381804	-	5	2	K.GKQPGEVEVPVIGGHS	19
PSTAT-5632	proteomics_stat	3381805	3381831	-	5	6	R.SNTFVAELK.G	13
PSTAT-5633	proteomics_stat	3381832	3381861	-	5	5	L.FGVTTLDIIR.S	14
PSTAT-5634	proteomics_stat	3381832	3381864	-	5	21	K.LFGVTTLDIIR.S	15
PSTAT-5635	proteomics_stat	3381832	3381870	-	5	32	K.NKLFVTTLDIIR.S	17
PSTAT-5636	proteomics_stat	3381889	3381957	-	5	97	K.ACIGIITNPVNTTVAIAAEVLK.A	27
PSTAT-5637	proteomics_stat	3381892	3381957	-	5	121	K.ACIGIITNPVNTTVAIAAEVLK.K	26
PSTAT-5638	proteomics_stat	3381892	3381960	-	5	15	P.KACIGIITNPVNTTVAIAAEVLK.K	27
PSTAT-5639	proteomics_stat	3381892	3381987	-	5	5	L.VQQVAKTCPKACIGIITNPVNTTVAIAAEVLK.K	36

PSTAT-5640	proteomics_stat	3381970	3381993	-	5	4	K.NLVQQVAK.T	12
PSTAT-5641	proteomics_stat	3381994	3382029	-	5	13	R.SDLFNVNAGIVK.N	16
PSTAT-5642	proteomics_stat	3381994	3382047	-	5	2	R.KPGMDRSDLFNVNAGIVK.N	22
PSTAT-5643	proteomics_stat	3382048	3382122	-	5	64	K.GFSGEDATPALEGADVVLISAGVAR.K	29
PSTAT-5644	proteomics_stat	3382048	3382128	-	5	95	K.IKGFSGEDATPALEGADVVLISAGVAR.K	31
PSTAT-5645	proteomics_stat	3382129	3382182	-	5	6	A.PVTPGVAVDLSHIPTAVK.I	22
PSTAT-5646	proteomics_stat	3382129	3382221	-	5	3	Q.LPSGSELSLYDIAPVTPGVAVDLSHIPTAVK.I	35
PSTAT-5647	proteomics_stat	3382129	3382227	-	5	155	K.TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVK.I	37
PSTAT-5648	proteomics_stat	3382228	3382278	-	5	2	A.VLGAAGGIGQALALLK.T	21
PSTAT-5649	proteomics_stat	3382228	3382281	-	5	5	V.AVLGAAGGIGQALALLK.T	22
PSTAT-5650	proteomics_stat	3382228	3382284	-	5	741	K.VAVLGAAGGIGQALALLK.T	23
PSTAT-5651	proteomics_stat	3382228	3382287	-	5	2	M.KVAVLGAAGGIGQALALLK.T	24
PSTAT-5652	proteomics_stat	3388800	3388844	-	4	6	K.FVFSTSEAYLIENGK.V	19
PSTAT-5653	proteomics_stat	3389061	3389132	-	4	2	R.GSVAIDDEGTPGQYNVLIENGILK.G	28
PSTAT-5654	proteomics_stat	3389133	3389222	-	4	2	R.GTSVFSGQVVELVASELCTVDDGTMVDRR.G	34
PSTAT-5655	proteomics_stat	3389385	3389429	-	4	5	R.FGYEFFLADLDGEVR.A	19
PSTAT-5656	proteomics_stat	3389658	3389729	-	4	9	K.VQTLGAVEHSPLYTSVDPLQSMSR.E	28
PSTAT-5657	proteomics_stat	3389760	3389825	-	4	4	K.TGFAYADQISLLALEQSAQAAR.T	26
PSTAT-5658	proteomics_stat	3389844	3389882	-	4	4	K.DGSYNIDQGVGVR.A	17
PSTAT-5659	proteomics_stat	3389958	3389999	-	4	12	K.HQDLFAILGQLAER.R	18
PSTAT-5660	proteomics_stat	3390000	3390047	-	4	3	M.SLNLVSEQLLAANGLK.H	20
PSTAT-5661	proteomics_stat	3391323	3391370	-	4	2	K.TRGDSTPSSPFPTTER.I	20
PSTAT-5662	proteomics_stat	3391824	3391892	-	4	3	K.NVSSHLPPLAKPAGEPLAVNVK.V	27
PSTAT-5663	proteomics_stat	3392985	3393062	-	4	2	K.LLPGAEHFSGTLSGSVENGLLTASMK.Q	30
PSTAT-5664	proteomics_stat	3393639	3393668	-	4	2	R.DDEGLLSNGR.V	14
PSTAT-5665	proteomics_stat	3394708	3394740	-	5	3	R.VLHSLEQALSK.D	15
PSTAT-5666	proteomics_stat	3394984	3395028	-	5	3	R.QPIFDLFDVENEIQR.A	19
PSTAT-5667	proteomics_stat	3395128	3395154	-	5	2	R.DFADAELDR.I	13
PSTAT-5668	proteomics_stat	3395560	3395625	-	5	5	K.AAFLHASDIMPHTTECVAGEEQK.Q	26
PSTAT-5669	proteomics_stat	3395626	3395673	-	5	3	R.VLPGMQAAFVDIGLDK.A	20
PSTAT-5670	proteomics_stat	3395834	3395896	-	6	4	H.AVVGLPLVETYELLSNFNALR.E	25
PSTAT-5671	proteomics_stat	3395834	3395914	-	6	3	K.INGSYHAVVGLPLVETYELLSNFNALR.E	31
PSTAT-5672	proteomics_stat	3395963	3396019	-	6	2	R.TLTDEDIAGYVASDEPLDK.A	23
PSTAT-5673	proteomics_stat	3396966	3397070	-	4	4	K.LPEPATGIAQPTPQQPATGNAATAPAAPTQPAANR.S	39
PSTAT-5674	proteomics_stat	3397647	3397691	-	4	2	R.LRELLGSPLRQDEQK.M	19
PSTAT-5675	proteomics_stat	3398069	3398116	-	6	7	K.ALEMIDMHGGDLFSEE.-	20
PSTAT-5676	proteomics_stat	3398129	3398194	-	6	9	R.LLMEETGIPVVVAEDPLTCVAR.G	26
PSTAT-5677	proteomics_stat	3398207	3398242	-	6	3	R.GMVLTTGGALLR.N	16
PSTAT-5678	proteomics_stat	3398414	3398452	-	6	5	K.HEIGSAYPGDEVR.E	17
PSTAT-5679	proteomics_stat	3398414	3398458	-	6	2	R.IKHEIGSAYPGDEVR.E	19
PSTAT-5680	proteomics_stat	3398459	3398497	-	6	6	R.NYGLSLIGEATAER.I	17
PSTAT-5681	proteomics_stat	3398459	3398500	-	6	9	R.RNYGLSLIGEATAER.I	18
PSTAT-5682	proteomics_stat	3398501	3398542	-	6	2	I.GGDRFDEAIINYVR.R	18
PSTAT-5683	proteomics_stat	3398501	3398545	-	6	15	R.IGGDRFDEAIINYVR.R	19
PSTAT-5684	proteomics_stat	3398741	3398782	-	6	7	R.VLVCVPVGATQVER.R	18
PSTAT-5685	proteomics_stat	3398741	3398785	-	6	3	P.RVLVCVPVGATQVER.R	19

PSTAT-5686	proteomics_stat	3398843	3398878	-	6	5	K.DGVIADFFVTEK.M	16
PSTAT-5687	proteomics_stat	3398879	3398914	-	6	8	R.TPGNIAAIRPMK.D	16
PSTAT-5688	proteomics_stat	3398930	3398956	-	6	2	S.VAAVGHDAK.Q	13
PSTAT-5689	proteomics_stat	3398930	3398959	-	6	26	K.SVAAVGHDAK.Q	14
PSTAT-5690	proteomics_stat	3398984	3399028	-	6	2	K.GQGIVLNPSVVAIR.Q	19
PSTAT-5691	proteomics_stat	3399029	3399091	-	6	62	R.GMFSNDLSIDLGTANTLIYVK.G	25
PSTAT-5692	proteomics_stat	3400602	3400649	-	4	2	R.LFFDNQLATLLEDQEK.V	20
PSTAT-5693	proteomics_stat	3415672	3415725	-	5	3	H.RVQQGTGKQPQRKLLPER.E	22
PSTAT-5694	proteomics_stat	3428411	3428464	-	6	4	R.GVLLPLLSLDCAVTITNR.T	22
PSTAT-5695	proteomics_stat	3428648	3428692	-	6	4	K.GANVTVPFKEEAFAR.A	19
PSTAT-5696	proteomics_stat	3428693	3428755	-	6	2	R.VLAPINDFINTLNAFFSAGGK.G	25
PSTAT-5697	proteomics_stat	3428756	3428815	-	6	3	K.SPFIHQQFAQQLNIEHPYGR.V	24
PSTAT-5698	proteomics_stat	3428816	3428860	-	6	3	I.METYAVFGNPIAHSK.S	19
PSTAT-5699	proteomics_stat	3429123	3429173	-	4	3	R.WPGPVTFVFPAPATTPR.W	21
PSTAT-5700	proteomics_stat	3429192	3429269	-	4	3	K.GLILIAANYEQLKPYIDDTMLTDVQR.E	30
PSTAT-5701	proteomics_stat	3437668	3437712	-	5	25	R.AGDNAPMAYIELVDR.S	19
PSTAT-5702	proteomics_stat	3437764	3437787	-	5	5	K.LFNELGPR.F	12
PSTAT-5703	proteomics_stat	3437788	3437814	-	5	12	R.TRDNEIVAK.L	13
PSTAT-5704	proteomics_stat	3437854	3437883	-	5	6	R.VVEPLITLAK.T	14
PSTAT-5705	proteomics_stat	3437854	3437886	-	5	16	R.RVVEPLITLAK.T	15
PSTAT-5706	proteomics_stat	3438122	3438151	-	6	2	L.TEIKDVLASR.G	14
PSTAT-5707	proteomics_stat	3438122	3438154	-	6	2	S.LTEIKDVLASR.G	15
PSTAT-5708	proteomics_stat	3438122	3438157	-	6	17	K.SLTEIKDVLASR.G	16
PSTAT-5709	proteomics_stat	3438200	3438235	-	6	2	A.EAIHYIGDLVQR.T	16
PSTAT-5710	proteomics_stat	3438200	3438238	-	6	21	K.AEAIHYIGDLVQR.T	17
PSTAT-5711	proteomics_stat	3438200	3438256	-	6	7	R.SANCLKAEAIHYIGDLVQR.T	23
PSTAT-5712	proteomics_stat	3438257	3438301	-	6	7	D.PILLRPVDDLELTVR.S	19
PSTAT-5713	proteomics_stat	3438257	3438322	-	6	3	K.EEKPEFDPILLRPVDDLELTVR.S	26
PSTAT-5714	proteomics_stat	3438257	3438337	-	6	4	R.QPEVKEEKPEFDPILLRPVDDLELTVR.S	31
PSTAT-5715	proteomics_stat	3438257	3438346	-	6	2	R.DVRQPEVKEEKPEFDPILLRPVDDLELTVR.S	34
PSTAT-5716	proteomics_stat	3438347	3438394	-	6	1546	R.AATILAEQLEAFVDLR.D	20
PSTAT-5717	proteomics_stat	3438347	3438397	-	6	3	R.RAATILAEQLEAFVDLR.D	21
PSTAT-5718	proteomics_stat	3438395	3438466	-	6	16	R.TDLDKLVIEMETNGTIDPEEAIRR.A	28
PSTAT-5719	proteomics_stat	3438398	3438451	-	6	4	K.LVIEMETNGTIDPEEAIR.R	22
PSTAT-5720	proteomics_stat	3438398	3438466	-	6	10	R.TDLDKLVIEMETNGTIDPEEAIR.R	27
PSTAT-5721	proteomics_stat	3438479	3438505	-	6	4	R.IAYNVEAAR.V	13
PSTAT-5722	proteomics_stat	3438506	3438532	-	6	5	V.DACYSPVER.I	13
PSTAT-5723	proteomics_stat	3438506	3438541	-	6	4	R.LLVDACYSPVER.I	16
PSTAT-5724	proteomics_stat	3438542	3438574	-	6	4	I.HSEEDERPIGR.L	15
PSTAT-5725	proteomics_stat	3438542	3438577	-	6	16	R.IHSEEDERPIGR.L	16
PSTAT-5726	proteomics_stat	3438623	3438739	-	6	12	K.SGIGPVTAADITHDGDVEIVKPKQHVICHLTDENASISMR.I	43
PSTAT-5727	proteomics_stat	3438677	3438739	-	6	3	K.SGIGPVTAADITHDGDVEIVK.P	25
PSTAT-5728	proteomics_stat	3438740	3438766	-	6	6	K.DEVILTINK.S	13
PSTAT-5729	proteomics_stat	3438740	3438778	-	6	20	R.VQ GKDEVILTINK.S	17
PSTAT-5730	proteomics_stat	3438794	3438838	-	6	75	K.EGVQEDILEILLNLK.G	19
PSTAT-5731	proteomics_stat	3438839	3438916	-	6	66	R.ILLSSMPGCAVTEVEIDGVLHEYSTK.E	30

PSTAT-5732	proteomics_stat	3438839	3438919	-	6	10	R.RILLSSMPGCAVTEVEIDGVLHEYSTK.E	31
PSTAT-5733	proteomics_stat	3438977	3439012	-	6	3	L.VDIEQVSSTHAK.V	16
PSTAT-5734	proteomics_stat	3438977	3439015	-	6	20	R.LVDIEQVSSTHAK.V	17
PSTAT-5735	proteomics_stat	3439016	3439048	-	6	2	M.QGSVTEFLKPR.L	15
PSTAT-5736	proteomics_stat	3439016	3439051	-	6	13	T.MQGSVTEFLKPR.L	16
PSTAT-5737	proteomics_stat	3439080	3439133	-	4	2710	R.SDLSADINEHLIVELYSK.-	22
PSTAT-5738	proteomics_stat	3439149	3439202	-	4	19	R.EKPTWLEVDAGKMEGTFK.R	22
PSTAT-5739	proteomics_stat	3439167	3439202	-	4	9	R.EKPTWLEVDAGK.M	16
PSTAT-5740	proteomics_stat	3439203	3439226	-	4	2	A.ALELAEQR.E	12
PSTAT-5741	proteomics_stat	3439203	3439229	-	4	10	K.AALELAEQR.E	13
PSTAT-5742	proteomics_stat	3439203	3439235	-	4	11	R.VKAALELAEQR.E	15
PSTAT-5743	proteomics_stat	3439260	3439310	-	4	2	V.VNIIASYQVSPNDVVSIR.E	21
PSTAT-5744	proteomics_stat	3439260	3439313	-	4	12	R.VVNIASYQVSPNDVVSIR.E	22
PSTAT-5745	proteomics_stat	3439260	3439316	-	4	3	G.RVVNIASYQVSPNDVVSIR.E	23
PSTAT-5746	proteomics_stat	3439386	3439403	-	4	2	L.DNVVYR.M	10
PSTAT-5747	proteomics_stat	3439407	3439448	-	4	22	K.GNTGENLLALLEGR.L	18
PSTAT-5748	proteomics_stat	3439407	3439451	-	4	4	L.KGNTGENLLALLEGR.L	19
PSTAT-5749	proteomics_stat	3439407	3439454	-	4	82	R.LKGNTGENLLALLEGR.L	20
PSTAT-5750	proteomics_stat	3439488	3439508	-	4	4	R.IYGVLER.Q	11
PSTAT-5751	proteomics_stat	3439530	3439553	-	4	2	L.SDYGVQLR.E	12
PSTAT-5752	proteomics_stat	3439530	3439556	-	4	10	R.LSDYGVQLR.E	13
PSTAT-5753	proteomics_stat	3439566	3439598	-	4	13	K.IEQAPGQHGAR.K	15
PSTAT-5754	proteomics_stat	3439566	3439601	-	4	4	C.KIEQAPGQHGAR.K	16
PSTAT-5755	proteomics_stat	3439566	3439604	-	4	11	K.CKIEQAPGQHGAR.K	17
PSTAT-5756	proteomics_stat	3439632	3439655	-	4	2	R.EGTDLFLK.S	12
PSTAT-5757	proteomics_stat	3439632	3439658	-	4	4	R.REGTDLFLK.S	13
PSTAT-5758	proteomics_stat	3439860	3439880	-	4	6	K.NLEVVMK.G	11
PSTAT-5759	proteomics_stat	3439881	3439910	-	4	4	C.ADAVKEYGIK.N	14
PSTAT-5760	proteomics_stat	3439881	3439913	-	4	7	R.CADAVKEYGIK.N	15
PSTAT-5761	proteomics_stat	3439914	3439949	-	4	4	K.STPFQAQVAAER.C	16
PSTAT-5762	proteomics_stat	3439914	3439952	-	4	14	R.KSTPFQAQVAAER.C	17
PSTAT-5763	proteomics_stat	3439962	3440009	-	4	15	R.QGNALGWATAGGSGFR.G	20
PSTAT-5764	proteomics_stat	3440010	3440054	-	4	3	H.IHASFNTIVTITDR.Q	19
PSTAT-5765	proteomics_stat	3440010	3440078	-	4	21	K.QVSDGVAHIHASFNTIVTITDR.Q	27
PSTAT-5766	proteomics_stat	3440257	3440280	-	5	2	R.EISMSIKR.L	12
PSTAT-5767	proteomics_stat	3440308	3440361	-	5	18	K.ISELSEGQIDTLRDEVAK.F	22
PSTAT-5768	proteomics_stat	3440308	3440364	-	5	2	V.KISELSEGQIDTLRDEVAK.F	23
PSTAT-5769	proteomics_stat	3440308	3440400	-	5	72	K.AILAAAGIAEDVKISELSEGQIDTLRDEVAK.F	35
PSTAT-5770	proteomics_stat	3440323	3440361	-	5	2	K.ISELSEGQIDTLR.D	17
PSTAT-5771	proteomics_stat	3440362	3440400	-	5	13	K.AILAAAGIAEDVK.I	17
PSTAT-5772	proteomics_stat	3440362	3440406	-	5	3	R.SKAILAAAGIAEDVK.I	19
PSTAT-5773	proteomics_stat	3440413	3440454	-	5	408	K.HAVIALTSIYGVGK.T	18
PSTAT-5774	proteomics_stat	3440455	3440481	-	5	12	I.AGINIPDHK.H	13
PSTAT-5775	proteomics_stat	3440455	3440484	-	5	16	R.IAGINIPDHK.H	14
PSTAT-5776	proteomics_stat	3441028	3441075	-	5	11	K.SGAFVPGIRPGEQTAK.Y	20
PSTAT-5777	proteomics_stat	3441316	3441351	-	5	7	R.VYAAQSTHPLK.V	16

PSTAT-5778	proteomics_stat	3441316	3441354	-	5	4	R.RVYAAQSTHLPLK.V	17
PSTAT-5779	proteomics_stat	3441898	3441948	-	5	24	R.GTIEMFMNFSGGALSR.A	21
PSTAT-5780	proteomics_stat	3442081	3442116	-	5	7	M.AKQPGLDFQSAK.G	16
PSTAT-5781	proteomics_stat	3442130	3442165	-	6	13	R.AAIEAAGGKIEE.-	16
PSTAT-5782	proteomics_stat	3442139	3442165	-	6	6	R.AAIEAAGGK.I	13
PSTAT-5783	proteomics_stat	3442193	3442231	-	6	3	V.ILAGEVTPVTVR.G	17
PSTAT-5784	proteomics_stat	3442193	3442234	-	6	11	K.VILAGEVTPVTVR.G	18
PSTAT-5785	proteomics_stat	3442235	3442273	-	6	22	K.AANIIGIQIEFAK.V	17
PSTAT-5786	proteomics_stat	3442274	3442309	-	6	7	K.VEGGVVDLNTLK.A	16
PSTAT-5787	proteomics_stat	3442328	3442354	-	6	8	R.KAATAEIR.L	13
PSTAT-5788	proteomics_stat	3442385	3442417	-	6	12	R.GFEGGQMPLYR.R	15
PSTAT-5789	proteomics_stat	3442385	3442420	-	6	15	R.RGFEGGQMPLYR.R	16
PSTAT-5790	proteomics_stat	3442523	3442555	-	6	10	R.LNTLSPAEGSK.K	15
PSTAT-5791	proteomics_stat	3442523	3442561	-	6	4	E.MRLNTLSPAEGSK.K	17
PSTAT-5792	proteomics_stat	3442577	3442609	-	6	11	R.GMINAVSFMVK.V	15
PSTAT-5793	proteomics_stat	3442610	3442642	-	6	2	H.TVEREDTPAIR.G	15
PSTAT-5794	proteomics_stat	3442610	3442651	-	6	7	R.IGHTVEREDTPAIR.G	18
PSTAT-5795	proteomics_stat	3442655	3442681	-	6	2	K.ATLLGLGLR.R	13
PSTAT-5796	proteomics_stat	3442751	3442780	-	6	6	R.GKSVEEILGK.-	14
PSTAT-5797	proteomics_stat	3442781	3442837	-	6	4	R.ATIDGLENMNSPEMVAKR.G	23
PSTAT-5798	proteomics_stat	3442784	3442831	-	6	3	T.IDGLENMNSPEMVAK.R	20
PSTAT-5799	proteomics_stat	3442784	3442834	-	6	2	A.TIDGLENMNSPEMVAK.R	21
PSTAT-5800	proteomics_stat	3442784	3442837	-	6	18	R.ATIDGLENMNSPEMVAK.R	22
PSTAT-5801	proteomics_stat	3442784	3442840	-	6	6	V.RATIDGLENMNSPEMVAK.R	23
PSTAT-5802	proteomics_stat	3442838	3442870	-	6	4	A.YGSTNPINVVR.A	15
PSTAT-5803	proteomics_stat	3442838	3442873	-	6	16	K.AYGSTNPINVVR.A	16
PSTAT-5804	proteomics_stat	3442874	3442909	-	6	2	V.LEVAGVHNVLAK.A	16
PSTAT-5805	proteomics_stat	3442874	3442912	-	6	2	A.VLEVAGVHNVLAK.A	17
PSTAT-5806	proteomics_stat	3442874	3442915	-	6	39	R.AVLEVAGVHNVLAK.A	18
PSTAT-5807	proteomics_stat	3442916	3442960	-	6	3	Q.PASEGTGIIAGGAMR.A	19
PSTAT-5808	proteomics_stat	3442916	3442963	-	6	3	M.QPASEGTGIIAGGAMR.A	20
PSTAT-5809	proteomics_stat	3442916	3442969	-	6	2	V.FMQPASEGTGIIAGGAMR.A	22
PSTAT-5810	proteomics_stat	3442916	3442972	-	6	25	R.VFMQPASEGTGIIAGGAMR.A	23
PSTAT-5811	proteomics_stat	3442973	3443044	-	6	2	R.NMINVALNNGTLQHPVKGVHTGSR.V	28
PSTAT-5812	proteomics_stat	3442994	3443044	-	6	44	R.NMINVALNNGTLQHPVK.G	21
PSTAT-5813	proteomics_stat	3442994	3443047	-	6	13	R.RNMINVALNNGTLQHPVK.G	22
PSTAT-5814	proteomics_stat	3443066	3443089	-	6	5	R.EVPAAIQK.A	12
PSTAT-5815	proteomics_stat	3443066	3443095	-	6	8	K.AREVPAAIQK.A	14
PSTAT-5816	proteomics_stat	3443117	3443164	-	6	64	R.IFSFTALTVVGDGNGR.V	20
PSTAT-5817	proteomics_stat	3443287	3443313	-	5	9	R.VQALADAAR.E	13
PSTAT-5818	proteomics_stat	3443338	3443364	-	5	6	K.GIKDVSFDR.S	13
PSTAT-5819	proteomics_stat	3443392	3443415	-	5	12	K.DAAAAVGK.A	12
PSTAT-5820	proteomics_stat	3443392	3443430	-	5	20	K.YTGNKDAAAAVGK.A	17
PSTAT-5821	proteomics_stat	3443452	3443508	-	5	2	A.QVIAPNGSEVLVAASTVEK.A	23
PSTAT-5822	proteomics_stat	3443452	3443520	-	5	167	R.HIYAQVIAPNGSEVLVAASTVEK.A	27
PSTAT-5823	proteomics_stat	3443545	3443568	-	5	3	K.LQELGATR.L	12

PSTAT-5824	proteomics_stat	3443545	3443571	-	5	11	R.KLQELGATR.L	13
PSTAT-5825	proteomics_stat	3443653	3443673	-	5	4	R.YADEVVR.T	11
PSTAT-5826	proteomics_stat	3443716	3443748	-	5	8	K.QVIGQVAADLR.A	15
PSTAT-5827	proteomics_stat	3443716	3443760	-	5	16	K.GADKQVIGQVAADLR.A	19
PSTAT-5828	proteomics_stat	3443761	3443835	-	5	3	F.SHPVDHQLPAGITAECPQTQTEIVLK.G	29
PSTAT-5829	proteomics_stat	3443761	3443838	-	5	2	G.FSHPVDHQLPAGITAECPQTQTEIVLK.G	30
PSTAT-5830	proteomics_stat	3443761	3443847	-	5	2	L.SLGFSPVDHQLPAGITAECPQTQTEIVLK.G	33
PSTAT-5831	proteomics_stat	3443761	3443865	-	5	32	K.GNVINLSLGFSPVDHQLPAGITAECPQTQTEIVLK.G	39
PSTAT-5832	proteomics_stat	3443878	3443901	-	5	2	L.QLVGVGYR.A	12
PSTAT-5833	proteomics_stat	3443878	3443904	-	5	6	K.LQLLVGVGYR.A	13
PSTAT-5834	proteomics_stat	3443878	3443907	-	5	3	K.KLQLLVGVGYR.A	14
PSTAT-5835	proteomics_stat	3443905	3443955	-	5	11	R.ALLNSMVIGVTEGFTKK.L	21
PSTAT-5836	proteomics_stat	3443908	3443955	-	5	90	R.ALLNSMVIGVTEGFTK.K	20
PSTAT-5837	proteomics_stat	3443956	3443997	-	5	50	R.DGYADGWAQAGTAR.A	18
PSTAT-5838	proteomics_stat	3443998	3444024	-	5	2	A.DNTLTFGPR.D	13
PSTAT-5839	proteomics_stat	3443998	3444030	-	5	30	K.HADNTLTFGPR.D	15
PSTAT-5840	proteomics_stat	3444031	3444054	-	5	2	T.LNDAVEVK.H	12
PSTAT-5841	proteomics_stat	3444031	3444057	-	5	5	R.TLNDAVEVK.H	13
PSTAT-5842	proteomics_stat	3444082	3444108	-	5	4	K.INGQVITIK.G	13
PSTAT-5843	proteomics_stat	3444109	3444144	-	5	10	K.APVVVPAGVDVK.I	16
PSTAT-5844	proteomics_stat	3444286	3444306	-	5	4	K.RKDELPK.V	11
PSTAT-5845	proteomics_stat	3444337	3444360	-	5	5	K.AVVESIQR.V	12
PSTAT-5846	proteomics_stat	3444376	3444417	-	5	2	K.VEGDTKPELELTLK.Y	18
PSTAT-5847	proteomics_stat	3444376	3444444	-	5	9	K.EEGFIEDFKVEGDTKPELELTLK.Y	27
PSTAT-5848	proteomics_stat	3444376	3444468	-	5	658	K.VAIANVLKEEGFIEDFKVEGDTKPELELTLK.Y	35
PSTAT-5849	proteomics_stat	3444418	3444468	-	5	18	K.VAIANVLKEEGFIEDFK.V	21
PSTAT-5850	proteomics_stat	3444445	3444474	-	5	2	K.LKVAIANVLK.E	14
PSTAT-5851	proteomics_stat	3444475	3444501	-	5	4	K.AAVTMPSSK.L	13
PSTAT-5852	proteomics_stat	3444529	3444564	-	5	10	M.SMQDPIADMLTR.I	16
PSTAT-5853	proteomics_stat	3444766	3444822	-	5	48	K.AIISDVNASDEDRWNAVLK.L	23
PSTAT-5854	proteomics_stat	3444778	3444822	-	5	2	K.AIISDVNASDEDRWN.A	19
PSTAT-5855	proteomics_stat	3444784	3444822	-	5	6	K.AIISDVNASDEDR.W	17
PSTAT-5856	proteomics_stat	3444838	3444864	-	5	2	V.ALADKYFAK.R	13
PSTAT-5857	proteomics_stat	3444838	3444867	-	5	10	R.VALADKYFAK.R	14
PSTAT-5858	proteomics_stat	3444838	3444870	-	5	3	K.RVALADKYFAK.R	15
PSTAT-5859	proteomics_stat	3444924	3444959	-	4	6	R.ALLAAFDFPFRK.-	16
PSTAT-5860	proteomics_stat	3444927	3444959	-	4	9	R.ALLAAFDFPFRK.K	15
PSTAT-5861	proteomics_stat	3444978	3445010	-	4	3	R.GLDITITTTAK.S	15
PSTAT-5862	proteomics_stat	3445017	3445061	-	4	13	R.EQIIFPEIDYDKVDR.V	19
PSTAT-5863	proteomics_stat	3445062	3445085	-	4	3	R.GNYSMGVR.E	12
PSTAT-5864	proteomics_stat	3445131	3445154	-	4	4	R.LITIAVPR.I	12
PSTAT-5865	proteomics_stat	3445155	3445175	-	4	2	R.MWEFFER.L	11
PSTAT-5866	proteomics_stat	3445197	3445220	-	4	3	R.QGYPIGCK.V	12
PSTAT-5867	proteomics_stat	3445227	3445247	-	4	2	R.KSVAGFK.I	11
PSTAT-5868	proteomics_stat	3445254	3445316	-	4	17	K.LLDNAAADLAAISGQKPLITK.A	25
PSTAT-5869	proteomics_stat	3445254	3445319	-	4	10	K.LLDNAAADLAAISGQKPLITK.A	26

PSTAT-5870	proteomics_stat	3445269	3445316	-	4	4	K.LLDNAAADLAAISGQK.P	20
PSTAT-5871	proteomics_stat	3445317	3445349	-	4	2	N.MGVGEAIADKK.L	15
PSTAT-5872	proteomics_stat	3445317	3445361	-	4	23	K.ITLNMGVGEAIADKK.L	19
PSTAT-5873	proteomics_stat	3445371	3445409	-	4	2	M.TEFNYSVMQVPR.V	17
PSTAT-5874	proteomics_stat	3445371	3445412	-	4	2	L.MTEFNYSVMQVPR.V	18
PSTAT-5875	proteomics_stat	3445371	3445415	-	4	74	K.LMTEFNYSVMQVPR.V	19
PSTAT-5876	proteomics_stat	3445371	3445418	-	4	55	K.KLMTEFNYSVMQVPR.V	20
PSTAT-5877	proteomics_stat	3445416	3445451	-	4	13	K.LHDYKDEVVKK.L	16
PSTAT-5878	proteomics_stat	3445419	3445448	-	4	2	L.HDYKDEVVK.K	14
PSTAT-5879	proteomics_stat	3445419	3445451	-	4	23	K.LHDYKDEVVK.K	15
PSTAT-5880	proteomics_stat	3445419	3445454	-	4	5	A.KLHDYKDEVVK.K	16
PSTAT-5881	proteomics_stat	3445419	3445457	-	4	14	M.AKLHDYKDEVVK.K	17
PSTAT-5882	proteomics_stat	3445434	3445451	-	4	2	K.LHDYK.D	10
PSTAT-5883	proteomics_stat	3445553	3445606	-	6	155	K.EAAIQVSNVAIFNAATGK.A	22
PSTAT-5884	proteomics_stat	3445607	3445657	-	6	18	K.HQKVPALNQPGGIVEK.E	21
PSTAT-5885	proteomics_stat	3445658	3445690	-	6	5	K.VIVEGINLVKK.H	15
PSTAT-5886	proteomics_stat	3445661	3445687	-	6	4	V.IVEGINLVK.K	13
PSTAT-5887	proteomics_stat	3445661	3445690	-	6	9	K.VIVEGINLVK.K	14
PSTAT-5888	proteomics_stat	3445661	3445693	-	6	7	G.KVIVEGINLVK.K	15
PSTAT-5889	proteomics_stat	3445733	3445771	-	6	8	R.RDDEVIVLTGKDK.G	17
PSTAT-5890	proteomics_stat	3445739	3445768	-	6	13	R.DDEVIVLTGK.D	14
PSTAT-5891	proteomics_stat	3445739	3445771	-	6	10	R.RDDEVIVLTGK.D	15
PSTAT-5892	proteomics_stat	3445739	3445777	-	6	38	K.IRRDDEVIVLTGK.D	17
PSTAT-5893	proteomics_stat	3445878	3445934	-	4	5	F.DGNACVLLNNNSEQPIGTR.I	23
PSTAT-5894	proteomics_stat	3445878	3445937	-	4	6	R.FDGNACVLLNNNSEQPIGTR.I	24
PSTAT-5895	proteomics_stat	3445938	3445961	-	4	10	R.RPDGSVIR.F	12
PSTAT-5896	proteomics_stat	3446052	3446078	-	4	11	R.YAGVGDIIK.I	13
PSTAT-5897	proteomics_stat	3446052	3446081	-	4	2	R.RYAGVGDIIK.I	14
PSTAT-5898	proteomics_stat	3446121	3446150	-	4	2	M.LNVADNSGAR.R	14
PSTAT-5899	proteomics_stat	3446121	3446168	-	4	4	M.IQEQTMLNVADNSGAR.R	20
PSTAT-5900	proteomics_stat	3446121	3446171	-	4	23	K.MIQEQTMLNVADNSGAR.R	21
PSTAT-5901	proteomics_stat	3446405	3446455	-	6	2	H.VHDENNECGIGDVVEIR.E	21
PSTAT-5902	proteomics_stat	3446405	3446461	-	6	51	K.LHVHDENNECGIGDVVEIR.E	23
PSTAT-5903	proteomics_stat	3446510	3446533	-	6	9	K.SIVVAIER.F	12
PSTAT-5904	proteomics_stat	3446534	3446557	-	6	5	R.VVSDKMEK.S	12
PSTAT-5905	proteomics_stat	3446650	3446685	-	5	6	A.ASGQLQQSHLLK.Q	16
PSTAT-5906	proteomics_stat	3446650	3446691	-	5	4	M.QAASGQLQQSHLLK.Q	18
PSTAT-5907	proteomics_stat	3446650	3446694	-	5	45	R.MQAASGQLQQSHLLK.Q	19
PSTAT-5908	proteomics_stat	3446650	3446697	-	5	2	L.RMQAASGQLQQSHLLK.Q	20
PSTAT-5909	proteomics_stat	3446659	3446694	-	5	4	R.MQAASGQLQQSH.L	16
PSTAT-5910	proteomics_stat	3446713	3446751	-	5	2	S.VEELNTELLNLLR.E	17
PSTAT-5911	proteomics_stat	3446713	3446754	-	5	33	K.SVEELNTELLNLLR.E	18
PSTAT-5912	proteomics_stat	3446713	3446760	-	5	35	R.EKSVEELNTELLNLLR.E	20
PSTAT-5913	proteomics_stat	3446850	3446885	-	4	2	L.YEMDGVPEELAR.E	16
PSTAT-5914	proteomics_stat	3446850	3446888	-	4	3	V.LYEMDGVPEELAR.E	17
PSTAT-5915	proteomics_stat	3446850	3446891	-	4	16	K.VLYEMDGVPEELAR.E	18

PSTAT-5916	proteomics_stat	3446892	3446933	-	4	24	K.GNVEYWVALIQPGK.V	18
PSTAT-5917	proteomics_stat	3446892	3446939	-	4	60	K.GKGNVEYWVALIQPGK.V	20
PSTAT-5918	proteomics_stat	3446949	3446993	-	4	2	R.VFPDKPITEKPLAVR.M	19
PSTAT-5919	proteomics_stat	3447090	3447137	-	4	35	R.GLAQGTDVSFSGFLK.A	20
PSTAT-5920	proteomics_stat	3447090	3447140	-	4	2	N.RGLAQGTDVSFSGFLK.A	21
PSTAT-5921	proteomics_stat	3447090	3447143	-	4	5	R.NRGLAQGTDVSFSGFLK.A	22
PSTAT-5922	proteomics_stat	3447231	3447293	-	4	14	K.GEILGGMAAVEQPEKPAAQPK.K	25
PSTAT-5923	proteomics_stat	3447231	3447308	-	4	12	K.VWIFKGEILGGMAAVEQPEKPAAQPK.K	30
PSTAT-5924	proteomics_stat	3447309	3447368	-	4	120	R.ADIDYNTSEAHTTYGVIGVK.V	24
PSTAT-5925	proteomics_stat	3447336	3447368	-	4	2	R.ADIDYNTSEAH.T	15
PSTAT-5926	proteomics_stat	3447414	3447437	-	4	2	R.LGGAEIAR.T	12
PSTAT-5927	proteomics_stat	3447438	3447464	-	4	10	K.GIKVEVSGR.L	13
PSTAT-5928	proteomics_stat	3447477	3447500	-	4	4	K.RAVQNAMR.L	12
PSTAT-5929	proteomics_stat	3447528	3447560	-	4	4	L.VADSITSQLER.R	15
PSTAT-5930	proteomics_stat	3447528	3447563	-	4	11	K.LVADSITSQLER.R	16
PSTAT-5931	proteomics_stat	3447564	3447584	-	4	12	R.KPELDAK.L	11
PSTAT-5932	proteomics_stat	3447564	3447641	-	4	4	R.KVVADIAGVPAQINIAEVRKPELDAK.L	30
PSTAT-5933	proteomics_stat	3447582	3447638	-	4	2	K.VVADIAGVPAQINIAEVRK.P	23
PSTAT-5934	proteomics_stat	3447585	3447638	-	4	12	K.VVADIAGVPAQINIAEVR.K	22
PSTAT-5935	proteomics_stat	3447585	3447641	-	4	37	R.KVVADIAGVPAQINIAEVR.K	23
PSTAT-5936	proteomics_stat	3447669	3447710	-	4	18	R.VTIHTARPGIVIGK.K	18
PSTAT-5937	proteomics_stat	3447786	3447824	-	4	3	K.EFADNLDSDFKVR.Q	17
PSTAT-5938	proteomics_stat	3447792	3447824	-	4	10	K.EFADNLDSDFK.V	15
PSTAT-5939	proteomics_stat	3447825	3447872	-	4	40	R.LGIVKPWNSTWFANTK.E	20
PSTAT-5940	proteomics_stat	3447926	3447958	-	6	31	R.TSHITVVVSDR.-	15
PSTAT-5941	proteomics_stat	3448007	3448036	-	6	6	K.IFVDEGPSMK.R	14
PSTAT-5942	proteomics_stat	3448037	3448108	-	6	17	K.VLESAIANAEHNDGADIDDLKVTK.I	28
PSTAT-5943	proteomics_stat	3448037	3448111	-	6	29	K.KVLESAIANAEHNDGADIDDLKVTK.I	29
PSTAT-5944	proteomics_stat	3448046	3448108	-	6	8	K.VLESAIANAEHNDGADIDDLK.V	25
PSTAT-5945	proteomics_stat	3448046	3448111	-	6	22	K.KVLESAIANAEHNDGADIDDLK.V	26
PSTAT-5946	proteomics_stat	3448130	3448171	-	6	11	K.VSQALDILTYTNKK.A	18
PSTAT-5947	proteomics_stat	3448130	3448174	-	6	12	K.KVSQALDILTYTNKK.A	19
PSTAT-5948	proteomics_stat	3448133	3448171	-	6	10	K.VSQALDILTYTNK.K	17
PSTAT-5949	proteomics_stat	3448133	3448174	-	6	54	K.KVSQALDILTYTNK.K	18
PSTAT-5950	proteomics_stat	3448133	3448177	-	6	2	G.KKVSQALDILTYTNK.K	19
PSTAT-5951	proteomics_stat	3448315	3448338	-	5	4	K.LGEFAPTR.T	12
PSTAT-5952	proteomics_stat	3448339	3448383	-	5	10	R.QHVPFVFTDEMVGHK.L	19
PSTAT-5953	proteomics_stat	3448384	3448437	-	5	39	R.STIFPNMIGLTIAVHNGR.Q	22
PSTAT-5954	proteomics_stat	3448384	3448440	-	5	11	R.RSTIFPNMIGLTIAVHNGR.Q	23
PSTAT-5955	proteomics_stat	3448453	3448485	-	5	2	K.AVESGDKKPLR.T	15
PSTAT-5956	proteomics_stat	3448495	3448530	-	5	4	K.KGPFIDLHLLK.V	16
PSTAT-5957	proteomics_stat	3448498	3448527	-	5	6	K.GPFIDLHLLK.K	14
PSTAT-5958	proteomics_stat	3448498	3448530	-	5	7	K.KGPFIDLHLLK.K	15
PSTAT-5959	proteomics_stat	3448628	3448660	-	6	3	K.HPVPWGVQTK.G	15
PSTAT-5960	proteomics_stat	3448628	3448672	-	6	14	R.NFGKHPVTPWGVQTK.G	19
PSTAT-5961	proteomics_stat	3448673	3448723	-	6	13	R.GTAMNPVDHPHGGGEGR.N	21

PSTAT-5962	proteomics_stat	3448778	3448813	-	6	2	T.LGEVGNAEHMLR.V	16
PSTAT-5963	proteomics_stat	3448778	3448819	-	6	21	R.ATLGEVGNAEHMLR.V	18
PSTAT-5964	proteomics_stat	3448787	3448819	-	6	2	R.ATLGEVGNAEH.M	15
PSTAT-5965	proteomics_stat	3448862	3448885	-	6	22	R.DGAYVTLR.L	12
PSTAT-5966	proteomics_stat	3448886	3448915	-	6	2	S.AGTYVQIVAR.D	14
PSTAT-5967	proteomics_stat	3448886	3448918	-	6	14	R.SAGTYVQIVAR.D	15
PSTAT-5968	proteomics_stat	3448937	3448987	-	6	4	R.NIPVGSTVHNEMKPGK.G	21
PSTAT-5969	proteomics_stat	3448988	3449053	-	6	20	K.AGDQIQSGVDAAIKPGNTLPMR.N	26
PSTAT-5970	proteomics_stat	3449096	3449125	-	6	9	R.SANIALVLYK.D	14
PSTAT-5971	proteomics_stat	3449147	3449173	-	6	8	K.DGIPAVVER.L	13
PSTAT-5972	proteomics_stat	3449147	3449179	-	6	21	R.NKDGIPAVVER.L	15
PSTAT-5973	proteomics_stat	3449309	3449332	-	6	5	K.VVNPELHK.G	12
PSTAT-5974	proteomics_stat	3449407	3449442	-	5	3	K.EGQNLDVFGGAE.-	16
PSTAT-5975	proteomics_stat	3449515	3449559	-	5	583	K.LFEVEVEVVNTLVVK.G	19
PSTAT-5976	proteomics_stat	3449575	3449598	-	5	2	K.DATKAEIK.A	12
PSTAT-5977	proteomics_stat	3449727	3449753	-	4	4	K.VVMTADAVK.Q	13
PSTAT-5978	proteomics_stat	3449727	3449762	-	4	8	A.FDKVMTADAVK.Q	16
PSTAT-5979	proteomics_stat	3449727	3449798	-	4	7	R.DATGIDPVSLIAFDKVVMTADAVK.Q	28
PSTAT-5980	proteomics_stat	3449748	3449798	-	4	12	R.DATGIDPVSLIAFDKVV.M	21
PSTAT-5981	proteomics_stat	3449754	3449780	-	4	3	D.PVSLIAFDK.V	13
PSTAT-5982	proteomics_stat	3449754	3449798	-	4	24	R.DATGIDPVSLIAFDK.V	19
PSTAT-5983	proteomics_stat	3449823	3449897	-	4	4	K.LKDMALEDVLIITGELDENLFLAAR.N	29
PSTAT-5984	proteomics_stat	3449967	3449990	-	4	4	K.SILSELVR.Q	12
PSTAT-5985	proteomics_stat	3450024	3450071	-	4	8	R.SGGVTFAARPQDHSQK.V	20
PSTAT-5986	proteomics_stat	3450027	3450071	-	4	3	R.SGGVTFAARPQDHSQ.K	19
PSTAT-5987	proteomics_stat	3450045	3450071	-	4	5	R.SGGVTFAAR.P	13
PSTAT-5988	proteomics_stat	3450138	3450167	-	4	5	K.TRAEVTGSGK.K	14
PSTAT-5989	proteomics_stat	3450189	3450245	-	4	158	R.DFNEALVHQVVVAYAAGAR.Q	23
PSTAT-5990	proteomics_stat	3450246	3450290	-	4	37	K.DAQSALTVSETTFGR.D	19
PSTAT-5991	proteomics_stat	3450322	3450378	-	5	10	K.GAVPGATGSDLIVKPAVKA.-	23
PSTAT-5992	proteomics_stat	3450325	3450369	-	5	3	V.PGATGSDLIVKPAVKA.A	19
PSTAT-5993	proteomics_stat	3450325	3450378	-	5	19	K.GAVPGATGSDLIVKPAVKA.A	22
PSTAT-5994	proteomics_stat	3450412	3450441	-	5	9	R.VTVQSLDVVR.V	14
PSTAT-5995	proteomics_stat	3450442	3450468	-	5	5	K.MAGQMGNER.V	13
PSTAT-5996	proteomics_stat	3450526	3450564	-	5	13	R.TQDATHGNSLSHR.V	17
PSTAT-5997	proteomics_stat	3450529	3450564	-	5	7	R.TQDATHGNSLSH.R	16
PSTAT-5998	proteomics_stat	3450532	3450564	-	5	2	R.TQDATHGNSLS.H	15
PSTAT-5999	proteomics_stat	3450607	3450633	-	5	17	K.KVDVTGTSK.G	13
PSTAT-6000	proteomics_stat	3450634	3450699	-	5	408	R.LAEGEFTVGQSISVELFADVK.K	26
PSTAT-6001	proteomics_stat	3450739	3450771	-	5	11	R.VTKPEAGHFAK.A	15
PSTAT-6002	proteomics_stat	3450784	3450810	-	5	14	R.AIQVTTGAK.K	13
PSTAT-6003	proteomics_stat	3450811	3450834	-	5	8	K.DLANDGYR.A	12
PSTAT-6004	proteomics_stat	3450850	3450909	-	5	51	R.IFTEDGVSIPVTVIEVEANR.V	24
PSTAT-6005	proteomics_stat	3450925	3450948	-	5	2	T.MIGLVGKK.V	12
PSTAT-6006	proteomics_stat	3451047	3451073	-	4	4	L.VDIVEPTEK.T	13
PSTAT-6007	proteomics_stat	3451047	3451076	-	4	11	R.LVDIVEPTEK.T	14

PSTAT-6008	proteomics_stat	3451047	3451079	-	4	2	L.RLVDIVEPEK.T	15
PSTAT-6009	proteomics_stat	3451089	3451106	-	4	2	R.DQYEIR.T	10
PSTAT-6010	proteomics_stat	3451116	3451148	-	4	36	R.FTVLISPHVNK.D	15
PSTAT-6011	proteomics_stat	3451116	3451154	-	4	2	K.ERFTVLISPHVNK.D	17
PSTAT-6012	proteomics_stat	3451200	3451241	-	4	2	L.IDQATAEIVETAKR.T	18
PSTAT-6013	proteomics_stat	3451200	3451244	-	4	18	R.LIDQATAEIVETAKR.T	19
PSTAT-6014	proteomics_stat	3451200	3451247	-	4	4	H.RLIDQATAEIVETAKR.T	20
PSTAT-6015	proteomics_stat	3451203	3451241	-	4	3	L.IDQATAEIVETAK.R	17
PSTAT-6016	proteomics_stat	3451203	3451244	-	4	17	R.LIDQATAEIVETAK.R	18
PSTAT-6017	proteomics_stat	3451203	3451247	-	4	26	H.RLIDQATAEIVETAK.R	19
PSTAT-6018	proteomics_stat	3464274	3464318	-	4	6	K.MGLQNYLQAQIREEG.-	19
PSTAT-6019	proteomics_stat	3464283	3464318	-	4	8	K.MGLQNYLQAQIR.E	16
PSTAT-6020	proteomics_stat	3464319	3464372	-	4	4	R.DEEGHIDWLETELDLIQK.M	22
PSTAT-6021	proteomics_stat	3464397	3464441	-	4	5	R.EAIGYADSVHDYVSR.D	19
PSTAT-6022	proteomics_stat	3464451	3464483	-	4	2	R.SDLALELDGAK.N	15
PSTAT-6023	proteomics_stat	3464484	3464519	-	4	2	K.LNIGEDVEEMLR.S	16
PSTAT-6024	proteomics_stat	3464520	3464564	-	4	5	R.ILFLEGLPNLQDLGK.L	19
PSTAT-6025	proteomics_stat	3464577	3464630	-	4	4	R.LNDVEYHESIDEMKHADR.Y	22
PSTAT-6026	proteomics_stat	3464589	3464630	-	4	6	R.LNDVEYHESIDEMK.H	18
PSTAT-6027	proteomics_stat	3464589	3464633	-	4	5	K.RLNDVEYHESIDEMK.H	19
PSTAT-6028	proteomics_stat	3464658	3464705	-	4	3	L.LGNELVAINQYFLHAR.M	20
PSTAT-6029	proteomics_stat	3464658	3464708	-	4	31	K.LLGNELVAINQYFLHAR.M	21
PSTAT-6030	proteomics_stat	3468179	3468202	-	6	3	T.VGAGVVAK.V	12
PSTAT-6031	proteomics_stat	3468179	3468202	-	6	3	T.VGAGVVAK.V	12
PSTAT-6032	proteomics_stat	3468230	3468262	-	6	3	L.IHPIAMDDGLR.F	15
PSTAT-6033	proteomics_stat	3468230	3468262	-	6	3	L.IHPIAMDDGLR.F	15
PSTAT-6034	proteomics_stat	3468230	3468265	-	6	4	T.LIHPIAMDDGLR.F	16
PSTAT-6035	proteomics_stat	3468230	3468265	-	6	4	T.LIHPIAMDDGLR.F	16
PSTAT-6036	proteomics_stat	3468230	3468268	-	6	4	V.TLIHPIAMDDGLR.F	17
PSTAT-6037	proteomics_stat	3468230	3468268	-	6	4	V.TLIHPIAMDDGLR.F	17
PSTAT-6038	proteomics_stat	3468230	3468271	-	6	4	V.VTLIHPIAMDDGLR.F	18
PSTAT-6039	proteomics_stat	3468230	3468271	-	6	4	V.VTLIHPIAMDDGLR.F	18
PSTAT-6040	proteomics_stat	3468230	3468274	-	6	2	M.VVTLIHPIAMDDGLR.F	19
PSTAT-6041	proteomics_stat	3468230	3468274	-	6	2	M.VVTLIHPIAMDDGLR.F	19
PSTAT-6042	proteomics_stat	3468230	3468277	-	6	109	K.MVVTLIHPIAMDDGLR.F	20
PSTAT-6043	proteomics_stat	3468230	3468277	-	6	109	K.MVVTLIHPIAMDDGLR.F	20
PSTAT-6044	proteomics_stat	3468230	3468280	-	6	15	I.KMVVTLIHPIAMDDGLR.F	21
PSTAT-6045	proteomics_stat	3468230	3468280	-	6	15	I.KMVVTLIHPIAMDDGLR.F	21
PSTAT-6046	proteomics_stat	3468275	3468349	-	6	2	R.TTDVTGTIELPEGVEMVMPGDNIK.M	29
PSTAT-6047	proteomics_stat	3468275	3468349	-	6	2	R.TTDVTGTIELPEGVEMVMPGDNIK.M	29
PSTAT-6048	proteomics_stat	3468278	3468319	-	6	3	L.PEGVEMVMPGDNIK.M	18
PSTAT-6049	proteomics_stat	3468278	3468319	-	6	3	L.PEGVEMVMPGDNIK.M	18
PSTAT-6050	proteomics_stat	3468278	3468343	-	6	6	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PSTAT-6051	proteomics_stat	3468278	3468343	-	6	6	T.DVTGTIELPEGVEMVMPGDNIK.M	26
PSTAT-6052	proteomics_stat	3468278	3468349	-	6	180	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28
PSTAT-6053	proteomics_stat	3468278	3468349	-	6	180	R.TTDVTGTIELPEGVEMVMPGDNIK.M	28

PSTAT-6054	proteomics_stat	3468350	3468370	-	6	2	Y.RPQFYFR.T	11
PSTAT-6055	proteomics_stat	3468350	3468370	-	6	2	Y.RPQFYFR.T	11
PSTAT-6056	proteomics_stat	3468350	3468376	-	6	7	K.GYRPQFYFR.T	13
PSTAT-6057	proteomics_stat	3468350	3468376	-	6	7	K.GYRPQFYFR.T	13
PSTAT-6058	proteomics_stat	3468356	3468376	-	6	2	K.GYRPQFY.F	11
PSTAT-6059	proteomics_stat	3468356	3468376	-	6	2	K.GYRPQFY.F	11
PSTAT-6060	proteomics_stat	3468395	3468436	-	6	4	F.ESEVYILSKDEGGR.H	18
PSTAT-6061	proteomics_stat	3468395	3468436	-	6	4	F.ESEVYILSKDEGGR.H	18
PSTAT-6062	proteomics_stat	3468395	3468439	-	6	71	K.FESEVYILSKDEGGR.H	19
PSTAT-6063	proteomics_stat	3468395	3468439	-	6	71	K.FESEVYILSKDEGGR.H	19
PSTAT-6064	proteomics_stat	3468395	3468445	-	6	11	H.TKFESEVYILSKDEGGR.H	21
PSTAT-6065	proteomics_stat	3468395	3468445	-	6	11	H.TKFESEVYILSKDEGGR.H	21
PSTAT-6066	proteomics_stat	3468395	3468463	-	6	2	P.GTIKPHTKFESEVYILSKDEGGR.H	27
PSTAT-6067	proteomics_stat	3468395	3468463	-	6	2	P.GTIKPHTKFESEVYILSKDEGGR.H	27
PSTAT-6068	proteomics_stat	3468410	3468436	-	6	2	F.ESEVYILSK.D	13
PSTAT-6069	proteomics_stat	3468410	3468436	-	6	2	F.ESEVYILSK.D	13
PSTAT-6070	proteomics_stat	3468410	3468439	-	6	92	K.FESEVYILSK.D	14
PSTAT-6071	proteomics_stat	3468410	3468439	-	6	92	K.FESEVYILSK.D	14
PSTAT-6072	proteomics_stat	3468410	3468445	-	6	30	H.TKFESEVYILSK.D	16
PSTAT-6073	proteomics_stat	3468410	3468445	-	6	30	H.TKFESEVYILSK.D	16
PSTAT-6074	proteomics_stat	3468410	3468484	-	6	20	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PSTAT-6075	proteomics_stat	3468410	3468484	-	6	20	R.GQVLAKPGTIKPHTKFESEVYILSK.D	29
PSTAT-6076	proteomics_stat	3468440	3468466	-	6	2	K.PGTIKPHTK.F	13
PSTAT-6077	proteomics_stat	3468440	3468466	-	6	2	K.PGTIKPHTK.F	13
PSTAT-6078	proteomics_stat	3468440	3468484	-	6	2	R.GQVLAKPGTIKPHTK.F	19
PSTAT-6079	proteomics_stat	3468440	3468484	-	6	2	R.GQVLAKPGTIKPHTK.F	19
PSTAT-6080	proteomics_stat	3468446	3468484	-	6	11	R.GQVLAKPGTIKPH.T	17
PSTAT-6081	proteomics_stat	3468446	3468484	-	6	11	R.GQVLAKPGTIKPH.T	17
PSTAT-6082	proteomics_stat	3468452	3468484	-	6	7	R.GQVLAKPGTIK.P	15
PSTAT-6083	proteomics_stat	3468452	3468484	-	6	7	R.GQVLAKPGTIK.P	15
PSTAT-6084	proteomics_stat	3468485	3468502	-	6	3	K.REEIER.G	10
PSTAT-6085	proteomics_stat	3468485	3468502	-	6	3	K.REEIER.G	10
PSTAT-6086	proteomics_stat	3468485	3468502	-	6	3	K.REEIER.G	10
PSTAT-6087	proteomics_stat	3468512	3468541	-	6	13	R.AGENVGVLLR.G	14
PSTAT-6088	proteomics_stat	3468512	3468541	-	6	13	R.AGENVGVLLR.G	14
PSTAT-6089	proteomics_stat	3468512	3468544	-	6	4	G.RAGENVGVLLR.G	15
PSTAT-6090	proteomics_stat	3468512	3468544	-	6	4	G.RAGENVGVLLR.G	15
PSTAT-6091	proteomics_stat	3468542	3468562	-	6	7	R.KLLDEGR.A	11
PSTAT-6092	proteomics_stat	3468542	3468562	-	6	7	R.KLLDEGR.A	11
PSTAT-6093	proteomics_stat	3468560	3468592	-	6	7	K.STCTGVEMFRK.L	15
PSTAT-6094	proteomics_stat	3468560	3468592	-	6	7	K.STCTGVEMFRK.L	15
PSTAT-6095	proteomics_stat	3468563	3468592	-	6	16	K.STCTGVEMFR.K	14
PSTAT-6096	proteomics_stat	3468563	3468592	-	6	16	K.STCTGVEMFR.K	14
PSTAT-6097	proteomics_stat	3468563	3468595	-	6	12	Q.KSTCTGVEMFR.K	15
PSTAT-6098	proteomics_stat	3468563	3468595	-	6	12	Q.KSTCTGVEMFR.K	15
PSTAT-6099	proteomics_stat	3468593	3468637	-	6	84	K.VGEEVEIVGIKETQK.S	19

PSTAT-6100	proteomics_stat	3468593	3468637	-	6	84	K.VGEEVEIVGIKETQK.S	19
PSTAT-6101	proteomics_stat	3468605	3468637	-	6	112	K.VGEEVEIVGIK.E	15
PSTAT-6102	proteomics_stat	3468605	3468637	-	6	112	K.VGEEVEIVGIK.E	15
PSTAT-6103	proteomics_stat	3468680	3468724	-	6	6	K.PFLLPIEDVFSISGR.G	19
PSTAT-6104	proteomics_stat	3468680	3468724	-	6	6	K.PFLLPIEDVFSISGR.G	19
PSTAT-6105	proteomics_stat	3468680	3468727	-	6	5	D.KPFLPIEDVFSISGR.G	20
PSTAT-6106	proteomics_stat	3468680	3468727	-	6	5	D.KPFLPIEDVFSISGR.G	20
PSTAT-6107	proteomics_stat	3468680	3468730	-	6	5	I.DKPFLPIEDVFSISGR.G	21
PSTAT-6108	proteomics_stat	3468680	3468730	-	6	5	I.DKPFLPIEDVFSISGR.G	21
PSTAT-6109	proteomics_stat	3468680	3468733	-	6	5	A.IDKPFLPIEDVFSISGR.G	22
PSTAT-6110	proteomics_stat	3468680	3468733	-	6	5	A.IDKPFLPIEDVFSISGR.G	22
PSTAT-6111	proteomics_stat	3468680	3468736	-	6	314	R.AIDKPFLPIEDVFSISGR.G	23
PSTAT-6112	proteomics_stat	3468680	3468736	-	6	314	R.AIDKPFLPIEDVFSISGR.G	23
PSTAT-6113	proteomics_stat	3468680	3468739	-	6	9	E.RAIDKPFLPIEDVFSISGR.G	24
PSTAT-6114	proteomics_stat	3468680	3468739	-	6	9	E.RAIDKPFLPIEDVFSISGR.G	24
PSTAT-6115	proteomics_stat	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PSTAT-6116	proteomics_stat	3468737	3468778	-	6	2	E.LAGFLDSYIPEPER.A	18
PSTAT-6117	proteomics_stat	3468737	3468781	-	6	6	L.ELAGFLDSYIPEPER.A	19
PSTAT-6118	proteomics_stat	3468737	3468781	-	6	6	L.ELAGFLDSYIPEPER.A	19
PSTAT-6119	proteomics_stat	3468737	3468784	-	6	21	I.LELAGFLDSYIPEPER.A	20
PSTAT-6120	proteomics_stat	3468737	3468784	-	6	21	I.LELAGFLDSYIPEPER.A	20
PSTAT-6121	proteomics_stat	3468737	3468787	-	6	648	K.ILELAGFLDSYIPEPER.A	21
PSTAT-6122	proteomics_stat	3468737	3468787	-	6	648	K.ILELAGFLDSYIPEPER.A	21
PSTAT-6123	proteomics_stat	3468737	3468790	-	6	19	A.KILELAGFLDSYIPEPER.A	22
PSTAT-6124	proteomics_stat	3468737	3468790	-	6	19	A.KILELAGFLDSYIPEPER.A	22
PSTAT-6125	proteomics_stat	3468788	3468814	-	6	2	L.EGDAEWEAK.I	13
PSTAT-6126	proteomics_stat	3468788	3468814	-	6	2	L.EGDAEWEAK.I	13
PSTAT-6127	proteomics_stat	3468788	3468817	-	6	3	A.LEGDAEWEAK.I	14
PSTAT-6128	proteomics_stat	3468788	3468817	-	6	3	A.LEGDAEWEAK.I	14
PSTAT-6129	proteomics_stat	3468788	3468820	-	6	33	K.ALEGDAEWEAK.I	15
PSTAT-6130	proteomics_stat	3468788	3468820	-	6	33	K.ALEGDAEWEAK.I	15
PSTAT-6131	proteomics_stat	3468788	3468835	-	6	2	R.GSALKALEGDAEWEAK.I	20
PSTAT-6132	proteomics_stat	3468788	3468835	-	6	2	R.GSALKALEGDAEWEAK.I	20
PSTAT-6133	proteomics_stat	3468836	3468877	-	6	3	L.SQYDFPGDDTPIVR.G	18
PSTAT-6134	proteomics_stat	3468836	3468877	-	6	3	L.SQYDFPGDDTPIVR.G	18
PSTAT-6135	proteomics_stat	3468836	3468880	-	6	5	L.LSQYDFPGDDTPIVR.G	19
PSTAT-6136	proteomics_stat	3468836	3468880	-	6	5	L.LSQYDFPGDDTPIVR.G	19
PSTAT-6137	proteomics_stat	3468836	3468883	-	6	4	E.LLSQYDFPGDDTPIVR.G	20
PSTAT-6138	proteomics_stat	3468836	3468883	-	6	4	E.LLSQYDFPGDDTPIVR.G	20
PSTAT-6139	proteomics_stat	3468836	3468886	-	6	158	R.ELLSQYDFPGDDTPIVR.G	21
PSTAT-6140	proteomics_stat	3468836	3468886	-	6	158	R.ELLSQYDFPGDDTPIVR.G	21
PSTAT-6141	proteomics_stat	3468887	3468940	-	6	29	K.CDMVDDEELLELVEMEVR.E	22
PSTAT-6142	proteomics_stat	3468887	3468940	-	6	29	K.CDMVDDEELLELVEMEVR.E	22
PSTAT-6143	proteomics_stat	3468941	3468979	-	6	90	R.QVGVPIIVFLNK.C	17
PSTAT-6144	proteomics_stat	3468941	3468979	-	6	90	R.QVGVPIIVFLNK.C	17
PSTAT-6145	proteomics_stat	3468941	3468982	-	6	13	G.RQVGVPIIVFLNK.C	18

PSTAT-6146	proteomics_stat	3468941	3468982	-	6	13	G.RQVGVPYIIVFLNK.C	18
PSTAT-6147	proteomics_stat	3468977	3469000	-	6	2	R.EHILLGRQ.V	12
PSTAT-6148	proteomics_stat	3468977	3469000	-	6	2	R.EHILLGRQ.V	12
PSTAT-6149	proteomics_stat	3468980	3469000	-	6	19	R.EHILLGR.Q	11
PSTAT-6150	proteomics_stat	3468980	3469000	-	6	19	R.EHILLGR.Q	11
PSTAT-6151	proteomics_stat	3469001	3469081	-	6	2507	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PSTAT-6152	proteomics_stat	3469001	3469081	-	6	2507	K.NMITGAAQMDGAILVVAATDGPMPQTR.E	31
PSTAT-6153	proteomics_stat	3469082	3469108	-	6	3	D.CPGHADYVK.N	13
PSTAT-6154	proteomics_stat	3469082	3469108	-	6	3	D.CPGHADYVK.N	13
PSTAT-6155	proteomics_stat	3469082	3469114	-	6	7	H.VDCPGHADYVK.N	15
PSTAT-6156	proteomics_stat	3469082	3469114	-	6	7	H.VDCPGHADYVK.N	15
PSTAT-6157	proteomics_stat	3469082	3469120	-	6	3	Y.AHVDCPGHADYVK.N	17
PSTAT-6158	proteomics_stat	3469082	3469120	-	6	3	Y.AHVDCPGHADYVK.N	17
PSTAT-6159	proteomics_stat	3469082	3469123	-	6	9	H.YAHVDCPGHADYVK.N	18
PSTAT-6160	proteomics_stat	3469082	3469123	-	6	9	H.YAHVDCPGHADYVK.N	18
PSTAT-6161	proteomics_stat	3469082	3469126	-	6	117	R.HYAHVDCPGHADYVK.N	19
PSTAT-6162	proteomics_stat	3469082	3469126	-	6	117	R.HYAHVDCPGHADYVK.N	19
PSTAT-6163	proteomics_stat	3469094	3469126	-	6	2	R.HYAHVDCPGHA.D	15
PSTAT-6164	proteomics_stat	3469094	3469126	-	6	2	R.HYAHVDCPGHA.D	15
PSTAT-6165	proteomics_stat	3469124	3469174	-	6	3	R.GITINTSHVEYDTPTRH.Y	21
PSTAT-6166	proteomics_stat	3469124	3469174	-	6	3	R.GITINTSHVEYDTPTRH.Y	21
PSTAT-6167	proteomics_stat	3469127	3469153	-	6	3	S.HVEYDTPTR.H	13
PSTAT-6168	proteomics_stat	3469127	3469153	-	6	3	S.HVEYDTPTR.H	13
PSTAT-6169	proteomics_stat	3469127	3469156	-	6	9	T.SHVEYDTPTR.H	14
PSTAT-6170	proteomics_stat	3469127	3469156	-	6	9	T.SHVEYDTPTR.H	14
PSTAT-6171	proteomics_stat	3469127	3469159	-	6	8	N.TSHVEYDTPTR.H	15
PSTAT-6172	proteomics_stat	3469127	3469159	-	6	8	N.TSHVEYDTPTR.H	15
PSTAT-6173	proteomics_stat	3469127	3469162	-	6	5	I.NTSHVEYDTPTR.H	16
PSTAT-6174	proteomics_stat	3469127	3469162	-	6	5	I.NTSHVEYDTPTR.H	16
PSTAT-6175	proteomics_stat	3469127	3469165	-	6	9	T.INTSHVEYDTPTR.H	17
PSTAT-6176	proteomics_stat	3469127	3469165	-	6	9	T.INTSHVEYDTPTR.H	17
PSTAT-6177	proteomics_stat	3469127	3469168	-	6	10	I.TINTSHVEYDTPTR.H	18
PSTAT-6178	proteomics_stat	3469127	3469168	-	6	10	I.TINTSHVEYDTPTR.H	18
PSTAT-6179	proteomics_stat	3469127	3469171	-	6	7	G.ITINTSHVEYDTPTR.H	19
PSTAT-6180	proteomics_stat	3469127	3469171	-	6	7	G.ITINTSHVEYDTPTR.H	19
PSTAT-6181	proteomics_stat	3469127	3469174	-	6	245	R.GITINTSHVEYDTPTR.H	20
PSTAT-6182	proteomics_stat	3469127	3469174	-	6	245	R.GITINTSHVEYDTPTR.H	20
PSTAT-6183	proteomics_stat	3469181	3469213	-	6	4	A.FDQIDNAPEEK.A	15
PSTAT-6184	proteomics_stat	3469181	3469213	-	6	4	A.FDQIDNAPEEK.A	15
PSTAT-6185	proteomics_stat	3469181	3469216	-	6	17	R.AFDQIDNAPEEK.A	16
PSTAT-6186	proteomics_stat	3469181	3469216	-	6	17	R.AFDQIDNAPEEK.A	16
PSTAT-6187	proteomics_stat	3469238	3469276	-	6	203	K.TTLTAAITTVLAK.T	17
PSTAT-6188	proteomics_stat	3469238	3469276	-	6	203	K.TTLTAAITTVLAK.T	17
PSTAT-6189	proteomics_stat	3469431	3469478	-	4	23	K.YDEAPSNVAQAVIEAR.G	20
PSTAT-6190	proteomics_stat	3469431	3469505	-	4	44	R.ASYTMEFLKYDEAPSNVAQAVIEAR.G	29
PSTAT-6191	proteomics_stat	3469431	3469511	-	4	4	K.GRASYTMEFLKYDEAPSNVAQAVIEAR.G	31

PSTAT-6192	proteomics_stat	3469524	3469562	-	4	2	V.PLSEMFGYATQLR.S	17
PSTAT-6193	proteomics_stat	3469524	3469571	-	4	3	H.AEVPLSEMFGYATQLR.S	20
PSTAT-6194	proteomics_stat	3469524	3469574	-	4	16	I.HAEVPLSEMFGYATQLR.S	21
PSTAT-6195	proteomics_stat	3469524	3469577	-	4	140	K.IHAEVPLSEMFGYATQLR.S	22
PSTAT-6196	proteomics_stat	3469578	3469607	-	4	6	K.GQESEVTGVK.I	14
PSTAT-6197	proteomics_stat	3469578	3469619	-	4	7	R.GMLKGQESEVTGVK.I	18
PSTAT-6198	proteomics_stat	3469626	3469682	-	4	28	K.VEVETPEENTGDVIGDLSR.R	23
PSTAT-6199	proteomics_stat	3469626	3469715	-	4	2	K.AKPVILLEPIMKVEVETPEENTGDVIGDLSR.R	34
PSTAT-6200	proteomics_stat	3469647	3469682	-	4	3	K.VEVETPEENTGD.V	16
PSTAT-6201	proteomics_stat	3469683	3469715	-	4	32	K.AKPVILLEPIMK.V	15
PSTAT-6202	proteomics_stat	3469683	3469718	-	4	8	K.KAKPVILLEPIMK.V	16
PSTAT-6203	proteomics_stat	3469731	3469754	-	4	2	K.LAASIAFK.E	12
PSTAT-6204	proteomics_stat	3469755	3469799	-	4	3	H.FGSYHDVDSSELAFAK.L	19
PSTAT-6205	proteomics_stat	3469755	3469802	-	4	12	L.HFGSYHDVDSSELAFAK.L	20
PSTAT-6206	proteomics_stat	3469755	3469805	-	4	293	R.LHFGSYHDVDSSELAFAK.L	21
PSTAT-6207	proteomics_stat	3469806	3469850	-	4	9	K.AGPLAGYPVDMGIR.L	19
PSTAT-6208	proteomics_stat	3469872	3469913	-	4	9	K.GGVIPGEYIPAVDK.G	18
PSTAT-6209	proteomics_stat	3469914	3469940	-	4	10	K.GYEFINDIK.G	13
PSTAT-6210	proteomics_stat	3469941	3470000	-	4	22	R.GQYGHVVIDMYPLEPGSNPK.G	24
PSTAT-6211	proteomics_stat	3470025	3470051	-	4	12	R.QKVTDVEGK.H	13
PSTAT-6212	proteomics_stat	3470061	3470111	-	4	3	R.EFNVEANVGKQVAYRE.T	21
PSTAT-6213	proteomics_stat	3470064	3470108	-	4	6	E.FNVEANVGKQVAYR.E	19
PSTAT-6214	proteomics_stat	3470064	3470111	-	4	17	R.EFNVEANVGKQVAYR.E	20
PSTAT-6215	proteomics_stat	3470121	3470198	-	4	160	R.VWTDEESNQTIAGMGELHLDIIVDR.M	30
PSTAT-6216	proteomics_stat	3470199	3470225	-	4	6	R.LAKEDPSFR.V	13
PSTAT-6217	proteomics_stat	3470268	3470312	-	4	23	R.MEFPEPVISIAVEPK.T	19
PSTAT-6218	proteomics_stat	3470268	3470315	-	4	2	E.RMEFPEPVISIAVEPK.T	20
PSTAT-6219	proteomics_stat	3470313	3470339	-	4	7	D.PDAPIILER.M	13
PSTAT-6220	proteomics_stat	3470313	3470348	-	4	3	T.LCDPDAPIILER.M	16
PSTAT-6221	proteomics_stat	3470313	3470351	-	4	2	D.TLCDPDAPIILER.M	17
PSTAT-6222	proteomics_stat	3470313	3470369	-	4	159	K.DVTTGDTLCDPDAPIILER.M	23
PSTAT-6223	proteomics_stat	3470313	3470402	-	4	6	R.AGDIAAAIGLKDVTGDTLCDPDAPIILER.M	34
PSTAT-6224	proteomics_stat	3470334	3470369	-	4	6	K.DVTTGDTLCDPD.A	16
PSTAT-6225	proteomics_stat	3470340	3470369	-	4	5	K.DVTTGDTLCD.P	14
PSTAT-6226	proteomics_stat	3470370	3470402	-	4	15	R.AGDIAAAIGLK.D	15
PSTAT-6227	proteomics_stat	3470403	3470423	-	4	5	R.EEIKVR.A	11
PSTAT-6228	proteomics_stat	3470427	3470450	-	4	3	R.IVQMHANK.R	12
PSTAT-6229	proteomics_stat	3470475	3470522	-	4	3	V.YSGVVNSGDTVLSVK.A	20
PSTAT-6230	proteomics_stat	3470475	3470525	-	4	28	R.VYSGVVNSGDTVLSVK.A	21
PSTAT-6231	proteomics_stat	3470475	3470528	-	4	6	F.RVYSGVVNSGDTVLSVK.A	22
PSTAT-6232	proteomics_stat	3470526	3470564	-	4	5	I.ATDPFVGNLFFR.V	17
PSTAT-6233	proteomics_stat	3470526	3470567	-	4	16	K.IATDPFVGNLFFR.V	18
PSTAT-6234	proteomics_stat	3470526	3470570	-	4	7	F.KIATDPFVGNLFFR.V	19
PSTAT-6235	proteomics_stat	3470568	3470609	-	4	32	R.HASDDEPFSALAFK.I	18
PSTAT-6236	proteomics_stat	3470610	3470663	-	4	10	D.VPAINGILDDGKDTPAER.H	22
PSTAT-6237	proteomics_stat	3470610	3470666	-	4	2	V.DVPAINGILDDGKDTPAER.H	23

PSTAT-6238	proteomics_stat	3470610	3470678	-	4	14	L.PSPVDVPAINGILDDGKDTPAER.H	27
PSTAT-6239	proteomics_stat	3470610	3470681	-	4	3	Y.LPSPVDVPAINGILDDGKDTPAER.H	28
PSTAT-6240	proteomics_stat	3470610	3470717	-	4	184	K.GVQAMLDAPAIDYLPSPVDVPAINGILDDGKDTPAER.H	40
PSTAT-6241	proteomics_stat	3470610	3470723	-	4	34	K.NKGVQAMLDAPAIDYLPSPVDVPAINGILDDGKDTPAER.H	42
PSTAT-6242	proteomics_stat	3470628	3470717	-	4	12	K.GVQAMLDAPAIDYLPSPVDVPAINGILDDGK.D	34
PSTAT-6243	proteomics_stat	3470724	3470765	-	4	2	L.NNEIILVTCGSAFK.N	18
PSTAT-6244	proteomics_stat	3470724	3470768	-	4	3	V.LNNEIILVTCGSAFK.N	19
PSTAT-6245	proteomics_stat	3470724	3470771	-	4	75	R.VLNNEIILVTCGSAFK.N	20
PSTAT-6246	proteomics_stat	3470790	3470828	-	4	15	K.YLGGEELTEAEIK.G	17
PSTAT-6247	proteomics_stat	3470976	3471053	-	4	2821	R.LGANPVPLQLAIGAEHFTGVVDLVK.M	30
PSTAT-6248	proteomics_stat	3471153	3471197	-	4	3	Y.CAVGGVQPQSETVWR.Q	19
PSTAT-6249	proteomics_stat	3471153	3471218	-	4	3	L.DGAVMVYCAVGGVQPQSETVWR.Q	26
PSTAT-6250	proteomics_stat	3471153	3471224	-	4	22	R.VLDGAVMVYCAVGGVQPQSETVWR.Q	28
PSTAT-6251	proteomics_stat	3471234	3471287	-	4	50	R.INIIDTPGHVDFTIEVER.S	22
PSTAT-6252	proteomics_stat	3471306	3471359	-	4	175	R.GITITSAATTAFWSGMAK.Q	22
PSTAT-6253	proteomics_stat	3471360	3471419	-	4	29	K.IGEVHDGAATMDWMEQEQR.G	24
PSTAT-6254	proteomics_stat	3471420	3471449	-	4	19	R.ILFYTG VNHK.I	14
PSTAT-6255	proteomics_stat	3471468	3471503	-	4	52	R.NIGISAHIDAGK.T	16
PSTAT-6256	proteomics_stat	3471591	3471623	-	4	5	R.SFSHQAGASSK.Q	15
PSTAT-6257	proteomics_stat	3471693	3471746	-	4	5	R.LANELSDAAENKGTAVKK.R	22
PSTAT-6258	proteomics_stat	3471696	3471740	-	4	3	A.NELSDAAENKGTAVK.K	19
PSTAT-6259	proteomics_stat	3471696	3471746	-	4	18	R.LANELSDAAENKGTAVK.K	21
PSTAT-6260	proteomics_stat	3471711	3471743	-	4	2	L.ANELSDAAENK.G	15
PSTAT-6261	proteomics_stat	3471711	3471746	-	4	15	R.LANELSDAAENK.G	16
PSTAT-6262	proteomics_stat	3471819	3471866	-	4	15	R.VGGSTYQVPVEVRPVR.R	20
PSTAT-6263	proteomics_stat	3471819	3471869	-	4	6	R.RVGGSTYQVPVEVRPVR.R	21
PSTAT-6264	proteomics_stat	3471828	3471866	-	4	5	R.VGGSTYQVPVEVR.P	17
PSTAT-6265	proteomics_stat	3471828	3471869	-	4	6	R.RVGGSTYQVPVEVR.P	18
PSTAT-6266	proteomics_stat	3471876	3471935	-	4	88	K.SELEAFEVALENVRPTVEVK.S	24
PSTAT-6267	proteomics_stat	3471876	3471944	-	4	75	R.SGKSELEAFEVALENVRPTVEVK.S	27
PSTAT-6268	proteomics_stat	3471945	3471995	-	4	128	K.STAESIVYSALETLAQR.S	21
PSTAT-6269	proteomics_stat	3471945	3471998	-	4	70	K.KSTAESIVYSALETLAQR.S	22
PSTAT-6270	proteomics_stat	3471996	3472028	-	4	27	K.FVNILMVDGKK.S	15
PSTAT-6271	proteomics_stat	3471999	3472028	-	4	9	K.FVNILMVDGK.K	14
PSTAT-6272	proteomics_stat	3472029	3472052	-	4	2	K.FGSELLAK.F	12
PSTAT-6273	proteomics_stat	3472242	3472277	-	4	2	R.GALDCSGVKDRK.Q	16
PSTAT-6274	proteomics_stat	3472245	3472277	-	4	5	R.GALDCSGVKDRK.K	15
PSTAT-6275	proteomics_stat	3472251	3472277	-	4	2	R.GALDCSGVK.D	13
PSTAT-6276	proteomics_stat	3472326	3472376	-	4	5	Y.IGGEGHNLQEHSVILIR.G	21
PSTAT-6277	proteomics_stat	3472326	3472406	-	4	1270	R.LTNGFEVTSYIGGEGHNLQEHSVILIR.G	31
PSTAT-6278	proteomics_stat	3472446	3472466	-	4	2	R.VYTTTPK.K	11
PSTAT-6279	proteomics_stat	3472482	3472520	-	4	16	K.SNVPALAEACPKR.G	17
PSTAT-6280	proteomics_stat	3472485	3472520	-	4	6	K.SNVPALAEACPKR.R	16
PSTAT-6281	proteomics_stat	3472548	3472571	-	4	3	M.ATVNQLVR.K	12
PSTAT-6282	proteomics_stat	3473818	3473844	-	5	7	K.DAINQVADR.L	13
PSTAT-6283	proteomics_stat	3474169	3474210	-	5	7	R.MLHDMTGADSSVSK.C	18

PSTAT-6284	proteomics_stat	3474247	3474273	-	5	3	R.IANGEHTGR.K	13
PSTAT-6285	proteomics_stat	3474373	3474453	-	5	3	R.SLLTNETSELDLLDQRPFQDFDILK.S	31
PSTAT-6286	proteomics_stat	3474761	3474799	-	6	2	K.IKLVIPPELAYGK.A	17
PSTAT-6287	proteomics_stat	3474821	3474859	-	6	3	R.LDGVIPGWTEGLK.N	17
PSTAT-6288	proteomics_stat	3474881	3474925	-	6	6	K.GTLIDGKEFDNSYTR.G	19
PSTAT-6289	proteomics_stat	3474926	3474955	-	6	11	K.DSDTVVVNYK.G	14
PSTAT-6290	proteomics_stat	3474926	3474970	-	6	4	K.GEAPKSDTVVVNYK.G	19
PSTAT-6291	proteomics_stat	3474926	3475015	-	6	10	K.TSSTGLVYQVVEAGKGEAPKSDTVVVNYK.G	34
PSTAT-6292	proteomics_stat	3474956	3475015	-	6	4	K.TSSTGLVYQVVEAGKGEAPK.D	24
PSTAT-6293	proteomics_stat	3475061	3475093	-	6	3	K.MEKDAADNEAK.G	15
PSTAT-6294	proteomics_stat	3475118	3475165	-	6	8	K.LSDQEIEQTLQAFEAR.V	20
PSTAT-6295	proteomics_stat	3475118	3475171	-	6	3	K.SKLSDQEIEQTLQAFEAR.V	22
PSTAT-6296	proteomics_stat	3475172	3475195	-	6	3	G.VQDAFADK.S	12
PSTAT-6297	proteomics_stat	3475172	3475222	-	6	7	K.LDKDQLIAGVQDAFADK.S	21
PSTAT-6298	proteomics_stat	3475172	3475234	-	6	4	K.LGIKLDKDKQLIAGVQDAFADK.S	25
PSTAT-6299	proteomics_stat	3475235	3475267	-	6	11	R.YMENSLKEQEK.L	15
PSTAT-6300	proteomics_stat	3475247	3475267	-	6	2	R.YMENSLK.E	11
PSTAT-6301	proteomics_stat	3475268	3475300	-	6	3	K.SAYALGASLGR.Y	15
PSTAT-6302	proteomics_stat	3475328	3475366	-	6	9	A.AEAAKPATAADSK.A	17
PSTAT-6303	proteomics_stat	3476100	3476126	-	4	5	K.FNVEVVAIR.E	13
PSTAT-6304	proteomics_stat	3476235	3476276	-	4	6	K.DVFMGVDELQVGM.R.F	18
PSTAT-6305	proteomics_stat	3483508	3483531	-	5	3	R.AVDLSAEK.Y	12
PSTAT-6306	proteomics_stat	3483634	3483666	-	5	10	K.GRQDVVDCEVK.L	15
PSTAT-6307	proteomics_stat	3487018	3487071	-	5	11	R.FAPSLVVEDADIDEGMQR.F	22
PSTAT-6308	proteomics_stat	3487072	3487137	-	5	3	R.DFLYAGAEAGVMVLNAGPDVMR.F	26
PSTAT-6309	proteomics_stat	3487150	3487194	-	5	16	R.GMGLLIGAELKPQYK.G	19
PSTAT-6310	proteomics_stat	3487195	3487230	-	5	4	K.IDQQYDVFSDIR.G	16
PSTAT-6311	proteomics_stat	3487438	3487500	-	5	13	R.TGDLFAYMHYGVTPDILTSK.A	25
PSTAT-6312	proteomics_stat	3487501	3487563	-	5	7	R.ELCDQHQAALLVFDEVQCGMGR.T	25
PSTAT-6313	proteomics_stat	3487564	3487662	-	5	2	K.AVMDDHTCAVVVEPIQEGGVTAATPEFLQGLR.E	37
PSTAT-6314	proteomics_stat	3487663	3487710	-	5	5	K.PADIIHVPFNDLHAVK.A	20
PSTAT-6315	proteomics_stat	3487663	3487734	-	5	17	K.YSDGFGPKPADIIHVPFNDLHAVK.A	28
PSTAT-6316	proteomics_stat	3487735	3487770	-	5	2	R.SLFTVSVGGQPK.Y	16
PSTAT-6317	proteomics_stat	3487771	3487803	-	5	2	K.IIAFHNAFHGR.S	15
PSTAT-6318	proteomics_stat	3487852	3487899	-	5	7	R.VVFMNSGTEANETAFK.L	20
PSTAT-6319	proteomics_stat	3487900	3487929	-	5	6	R.KLIEATFAER.V	14
PSTAT-6320	proteomics_stat	3487939	3487998	-	5	14	K.TQGETLWHISNVFTNEPALR.L	24
PSTAT-6321	proteomics_stat	3487999	3488076	-	5	57	K.EYVDFAGGIAVTALGHCHPALVNALK.T	30
PSTAT-6322	proteomics_stat	3488098	3488172	-	5	3	R.ATFDEVILPIYAPAEFIPVKGQGSR.I	29
PSTAT-6323	proteomics_stat	3488113	3488172	-	5	2	R.ATFDEVILPIYAPAEFIPV.K	24
PSTAT-6324	proteomics_stat	3488913	3488984	-	4	2	K.EAWNQANQSGAMGDLTALQMIFSK.V	28
PSTAT-6325	proteomics_stat	3489252	3489293	-	4	3	R.QLYQDIFDWAGQLR.E	18
PSTAT-6326	proteomics_stat	3489423	3489482	-	4	5	M.SDKFGEGRDPYLYPGLDIMR.N	24
PSTAT-6327	proteomics_stat	3489508	3489567	-	5	6	R.RLEGVEMPLVTLTAAEALAR.L	24
PSTAT-6328	proteomics_stat	3489759	3489836	-	4	13	K.ISQVPTHVGPYQNVPSKPVVILSAK.V	30
PSTAT-6329	proteomics_stat	3489759	3489857	-	4	7	K.GMDVADKISQVPTHVGPYQNVPSKPVVILSAK.V	37

PSTAT-6330	proteomics_stat	3489867	3489893	-	4	2	R.DFGYAVFGK.V	13
PSTAT-6331	proteomics_stat	3489894	3489971	-	4	19	R.TADKDSATSQFFINVADNAFLDHGQR.D	30
PSTAT-6332	proteomics_stat	3490002	3490046	-	4	8	K.KPNPPIKNEADNGLR.N	19
PSTAT-6333	proteomics_stat	3490047	3490103	-	4	4	R.VIPGFMIQGGGFTEQMQQK.K	23
PSTAT-6334	proteomics_stat	3490104	3490175	-	4	23	K.APVSVQNFVDYVNSGFYNNTTFHR.V	28
PSTAT-6335	proteomics_stat	3490104	3490181	-	4	4	K.QKAPVSVQNFVDYVNSGFYNNTTFHR.V	30
PSTAT-6336	proteomics_stat	3490176	3490247	-	4	13	A.AKGDPHVLLTTSAGNIELELDKQK.A	28
PSTAT-6337	proteomics_stat	3490182	3490247	-	4	3	A.AKGDPHVLLTTSAGNIELELDK.Q	26
PSTAT-6338	proteomics_stat	3504279	3504299	-	4	2	R.NASDNIR.N	11
PSTAT-6339	proteomics_stat	3510725	3510778	-	6	2	R.FRND EAF LQQVMKDGAEK.A	22
PSTAT-6340	proteomics_stat	3510740	3510778	-	6	13	R.FRND EAF LQQVMK.D	17
PSTAT-6341	proteomics_stat	3510788	3510838	-	6	7	K.GEVADAVSGMLTELQER.Y	21
PSTAT-6342	proteomics_stat	3510788	3510856	-	6	13	K.MYGHLKGEVADAVSGMLTELQER.Y	27
PSTAT-6343	proteomics_stat	3510857	3510940	-	6	8	K.AGVS NLLDILSAVTGQSIPELEKQFEGK.M	32
PSTAT-6344	proteomics_stat	3510869	3510940	-	6	2	K.AGVS NLLDILSAVTGQSIPELEKQ.F	28
PSTAT-6345	proteomics_stat	3510872	3510940	-	6	27	K.AGVS NLLDILSAVTGQSIPELEK.Q	27
PSTAT-6346	proteomics_stat	3510959	3510994	-	6	9	R.AVTDSDEPPVVR.Y	16
PSTAT-6347	proteomics_stat	3510959	3510997	-	6	3	K.RAVTDSDEPPVVR.Y	17
PSTAT-6348	proteomics_stat	3511019	3511051	-	6	2	R.NNVIGLLEDPK.S	15
PSTAT-6349	proteomics_stat	3511019	3511066	-	6	2	K.SDDNRNNVIGLLEDPK.S	20
PSTAT-6350	proteomics_stat	3511076	3511105	-	6	2	R.VMSLLEPTKK.M	14
PSTAT-6351	proteomics_stat	3511118	3511171	-	6	9	R.FNALYGEIFKVPEPFIPK.S	22
PSTAT-6352	proteomics_stat	3511142	3511171	-	6	2	R.FNALYGEIFK.V	14
PSTAT-6353	proteomics_stat	3511433	3511486	-	6	3	K.ATLDTLALYLACGIDPEK.S	22
PSTAT-6354	proteomics_stat	3511433	3511489	-	6	6	R.KATLDTLALYLACGIDPEK.S	23
PSTAT-6355	proteomics_stat	3511583	3511657	-	6	19	M.TKPIVFSGAQPSGELTIGNYMGALR.Q	29
PSTAT-6356	proteomics_stat	3511830	3511874	-	4	5	R.MGIAPQQMLFVGDSR.N	19
PSTAT-6357	proteomics_stat	3511875	3511955	-	4	3	K.YFSV VIGGDDVQNKKPHPDPLLLVAER.M	31
PSTAT-6358	proteomics_stat	3511956	3512033	-	4	8	K.GLPLGLVTNKPTPFVAPLLEALDIAK.Y	30
PSTAT-6359	proteomics_stat	3512034	3512111	-	4	7	R.YYGEVAEEGTF LFP HVADTLGALQAK.G	30
PSTAT-6360	proteomics_stat	3512136	3512189	-	4	2	K.TMGKPPVDDDIPAE EQVR.I	22
PSTAT-6361	proteomics_stat	3512136	3512192	-	4	4	R.KTMGKPPVDDDIPAE EQVR.I	23
PSTAT-6362	proteomics_stat	3512232	3512276	-	4	5	R.VITWIGNGADVLMER.A	19
PSTAT-6363	proteomics_stat	3512452	3512538	-	5	23	K.VNNIGEIAAAGADM FVAGSAIFDQPDYK.V	33
PSTAT-6364	proteomics_stat	3512455	3512538	-	5	8	K.VNNIGEIAAAGADM FVAGSAIFDQPDYK.K	32
PSTAT-6365	proteomics_stat	3512563	3512592	-	5	2	R.RIDESGFDIR.L	14
PSTAT-6366	proteomics_stat	3512854	3512910	-	5	8	R.NYGITAPIDVHLMVKPVDR.I	23
PSTAT-6367	proteomics_stat	3512920	3513009	-	5	11	K.ALAAGADV VHFVMDNHYPNLTIGPMVLK.S	34
PSTAT-6368	proteomics_stat	3513031	3513075	-	5	5	K.QYLIAPSILSADFAR.L	19
PSTAT-6369	proteomics_stat	3513031	3513081	-	5	4	R.MKQYLIAPSILSADFAR.L	21
PSTAT-6370	proteomics_stat	3514090	3514125	-	5	2	K.AVSTLPADVQAK.N	16
PSTAT-6371	proteomics_stat	3514090	3514128	-	5	5	K.KAVSTLPADVQAK.N	17
PSTAT-6372	proteomics_stat	3514141	3514188	-	5	5	R.NGQPWYV LVSGVYASK.E	20
PSTAT-6373	proteomics_stat	3514189	3514215	-	5	2	K.NYVVYETTR.N	13
PSTAT-6374	proteomics_stat	3514189	3514230	-	5	2	K.KENLKNYVVYETTR.N	18
PSTAT-6375	proteomics_stat	3514231	3514305	-	5	4	K.SAPSSH YTLQLSSSSNYDNLNGWAK.K	29

PSTAT-6376	proteomics_stat	3514306	3514332	-	5	3	K.TAGNVGSLK.S	13
PSTAT-6377	proteomics_stat	3514333	3514371	-	5	2	S.PAQTATPAAGAK.T	17
PSTAT-6378	proteomics_stat	3514333	3514383	-	5	5	V.QTASPAQTATPAAGAK.T	21
PSTAT-6379	proteomics_stat	3514333	3514407	-	5	21	K.ETATTAPVQTASPAQTATPAAGAK.T	29
PSTAT-6380	proteomics_stat	3514408	3514440	-	5	6	K.APAATSTPAPK.E	15
PSTAT-6381	proteomics_stat	3514441	3514476	-	5	11	K.RTEPAAPVASTK.A	16
PSTAT-6382	proteomics_stat	3514627	3514746	-	5	3	R.VEVQGLNNAITQPQNQQQLNNVAVNSTLPTEPATVAPVR.N	44
PSTAT-6383	proteomics_stat	3514747	3514809	-	5	2	L.PPISSTPTQGQTPVATDGQQR.V	25
PSTAT-6384	proteomics_stat	3515080	3515145	-	5	2	R.NEEPEIEEIEDESEDETVDDEER.V	26
PSTAT-6385	proteomics_stat	3515161	3515226	-	5	2	R.GEPQINFDDIELDDTDDRRPTR.A	26
PSTAT-6386	proteomics_stat	3515275	3515328	-	5	8	-.MDEFKPEDELKPDPSDRR.T	22
PSTAT-6387	proteomics_stat	3515423	3515476	-	6	3	R.SGVSHLVNLAIDCQSA.-	22
PSTAT-6388	proteomics_stat	3515546	3515584	-	6	3	R.EMSAQAYLPHMLR.D	17
PSTAT-6389	proteomics_stat	3515585	3515614	-	6	3	K.RAGLPVNGPR.E	14
PSTAT-6390	proteomics_stat	3515804	3515830	-	6	2	K.AEVVAADER.E	13
PSTAT-6391	proteomics_stat	3516056	3516082	-	6	8	K.TAVNHPLGK.N	13
PSTAT-6392	proteomics_stat	3516083	3516139	-	6	5	R.FIQVPTLLSQVDSSVGGK.T	23
PSTAT-6393	proteomics_stat	3516149	3516223	-	6	3	R.DTTLVALGGGVGDLTGFAAASYQR.G	29
PSTAT-6394	proteomics_stat	3516224	3516280	-	6	21	K.SLAVLDTVFTALLQKPHGR.D	23
PSTAT-6395	proteomics_stat	3516281	3516346	-	6	2	R.GVLEQAGVNVDSVILPDGEQYK.S	26
PSTAT-6396	proteomics_stat	3516413	3516475	-	6	13	R.SYPITIASGLFNEPASFLPK.S	25
PSTAT-6397	proteomics_stat	3516568	3516606	-	5	3	K.VVANQIIHMLESN.-	17
PSTAT-6398	proteomics_stat	3516628	3516696	-	5	7	R.EVLEALANERNPLYEEIADVTR.T	27
PSTAT-6399	proteomics_stat	3516697	3516729	-	5	2	K.RPLLHVETPPR.E	15
PSTAT-6400	proteomics_stat	3516829	3516867	-	5	2	K.QGIVLATGGGSVK.S	17
PSTAT-6401	proteomics_stat	3516868	3516891	-	5	4	K.VINELTEK.Q	12
PSTAT-6402	proteomics_stat	3516907	3516960	-	5	8	R.TGADVGVVFDLEGEEGFR.D	22
PSTAT-6403	proteomics_stat	3516961	3517020	-	5	7	R.QLAQQLNMEFYDSDQEIEKR.T	24
PSTAT-6404	proteomics_stat	3517036	3517071	-	5	2	R.NIFLVGPMGAGK.S	16
PSTAT-6405	proteomics_stat	3523725	3523802	-	4	3	K.MNIVVAQDLYPESLEGDEPEPLPQVR.W	30
PSTAT-6406	proteomics_stat	3523836	3523889	-	4	3	R.ELKEEVGFGANDLTFLKK.L	22
PSTAT-6407	proteomics_stat	3523980	3524030	-	4	2	R.EAVMIVPIVDDHLILIR.E	21
PSTAT-6408	proteomics_stat	3524118	3524162	-	4	2	K.SLQKPTILNVETVAR.S	19
PSTAT-6409	proteomics_stat	3529034	3529114	-	6	2	K.VLADNVLIAPGSVKPDATFWSALIQDR.Y	31
PSTAT-6410	proteomics_stat	3532661	3532741	-	6	7	R.KHLFPFVRGDSARTISGTGLGLAIVQ.R	31
PSTAT-6411	proteomics_stat	3533522	3533590	-	6	4	R.WAQHYEFLSHQMAQQLGGPTEVR.V	27
PSTAT-6412	proteomics_stat	3533890	3533946	-	5	3	R.YIQTVWGLGYFVFPDGSKA.-	23
PSTAT-6413	proteomics_stat	3533986	3534009	-	5	3	R.SIDVQISR.L	12
PSTAT-6414	proteomics_stat	3534010	3534036	-	5	2	R.GREYSAMER.S	13
PSTAT-6415	proteomics_stat	3534097	3534156	-	5	5	R.EMFREDEPMPLTSGEFAVLK.A	24
PSTAT-6416	proteomics_stat	3534181	3534240	-	5	3	R.QANELPGAPSQEEAVIAFGK.F	24
PSTAT-6417	proteomics_stat	3534181	3534243	-	5	2	R.RQANELPGAPSQEEAVIAFGK.F	25
PSTAT-6418	proteomics_stat	3534277	3534333	-	5	5	R.IVGLEIGADDYIPKPFNPR.E	23
PSTAT-6419	proteomics_stat	3534352	3534393	-	5	5	R.SQSNPMPPIIMVTAK.G	18
PSTAT-6420	proteomics_stat	3534481	3534510	-	5	2	R.SVANAEQMDR.L	14
PSTAT-6421	proteomics_stat	3534511	3534540	-	5	2	R.YLTEQGFQVR.S	14

PSTAT-6422	proteomics_stat	3542402	3542440	-	6	2	R.FLALQTMGTETAR.Q	17
PSTAT-6423	proteomics_stat	3542453	3542524	-	6	4	R.DEWPGIKPDVLAGFQQQLSDDFQR.T	28
PSTAT-6424	proteomics_stat	3542642	3542704	-	6	2	R.GFGALSLADMAEAVLQQAPDK.A	25
PSTAT-6425	proteomics_stat	3546815	3546904	-	6	2	K.ASVGAPPDILGPLGQNWGLPPMDPHIITAR.A	34
PSTAT-6426	proteomics_stat	3547736	3547804	-	6	4	K.AFNLP TKLPEGYHTLTLTQDDQR.A	27
PSTAT-6427	proteomics_stat	3548237	3548296	-	6	3	K.QGGDPYLVMDFAAYVEAQK.Q	24
PSTAT-6428	proteomics_stat	3548297	3548350	-	6	3	K.YSDGDKHAFDQMLHSIGK.Q	22
PSTAT-6429	proteomics_stat	3548441	3548491	-	6	2	K.VGEENIFIFGHTVEQVK.A	21
PSTAT-6430	proteomics_stat	3548585	3548632	-	6	5	K.LIPAADISEQISTAGK.E	20
PSTAT-6431	proteomics_stat	3548633	3548674	-	6	2	K.VVFLPDYCVSAAEK.L	18
PSTAT-6432	proteomics_stat	3548675	3548722	-	6	4	K.VADVINN DPLVGD K L K.V	20
PSTAT-6433	proteomics_stat	3548894	3548941	-	6	5	R.TGIEINPQAI FDIQIK.R	20
PSTAT-6434	proteomics_stat	3549029	3549070	-	6	2	K.EWANDLDQLINLEK.F	18
PSTAT-6435	proteomics_stat	3549164	3549202	-	6	2	K.DLFPEYHQLWPNK.F	17
PSTAT-6436	proteomics_stat	3549362	3549394	-	6	4	R.HMQIINEINTR.F	15
PSTAT-6437	proteomics_stat	3549431	3549478	-	6	4	K.TFAYTNHTLMPEALER.W	20
PSTAT-6438	proteomics_stat	3549536	3549613	-	6	5	K.LHELADYEVIQLNDTHPTIAIPELLR.V	30
PSTAT-6439	proteomics_stat	3549536	3549616	-	6	19	R.KLHELADYEVIQLNDTHPTIAIPELLR.V	31
PSTAT-6440	proteomics_stat	3549698	3549733	-	6	4	K.VLYPNDNHTAGK.K	16
PSTAT-6441	proteomics_stat	3549743	3549772	-	6	3	R.AEQQGINA EK.L	14
PSTAT-6442	proteomics_stat	3549839	3549862	-	6	2	R.NGVAQPLR.L	12
PSTAT-6443	proteomics_stat	3549863	3549922	-	6	2	R.WEPEFTITGQAWDLPVVGYR.N	24
PSTAT-6444	proteomics_stat	3549941	3549982	-	6	6	R.HNEALDVQVGIGGK.V	18
PSTAT-6445	proteomics_stat	3550142	3550216	-	6	6	K.AYDINLTDLLEEEIDPALGN GGLGR.L	29
PSTAT-6446	proteomics_stat	3550217	3550276	-	6	5	R.LTGNNLLNLGWYQDVQDSLK.A	24
PSTAT-6447	proteomics_stat	3558233	3558277	-	6	2	R.IVTNNLNVANTLMVK.E	19
PSTAT-6448	proteomics_stat	3558278	3558376	-	6	2	K.VAEQIPNGSTLFIDIGTTP EAVAHALLNHSNLR.I	37
PSTAT-6449	proteomics_stat	3558584	3558610	-	6	3	R.HNGIIELVK.Q	13
PSTAT-6450	proteomics_stat	3562160	3562201	-	6	2	K.EYADHIWHIDPVRL.-	18
PSTAT-6451	proteomics_stat	3562256	3562321	-	6	2	R.SYVDCQDKVDELYELQEEWTAK.A	26
PSTAT-6452	proteomics_stat	3562736	3562774	-	6	2	K.VINNDPQIGDKLK.V	17
PSTAT-6453	proteomics_stat	3562775	3562807	-	6	6	K.HIIHLINDVAK.V	15
PSTAT-6454	proteomics_stat	3563045	3563122	-	6	6	R.TDLSLLNELQQHCDFPMVNHAVHQAK.L	30
PSTAT-6455	proteomics_stat	3563132	3563188	-	6	3	R.WLAVANPSLSAVLDEHLGR.N	23
PSTAT-6456	proteomics_stat	3563192	3563224	-	6	2	R.FTNVTNGVTPR.R	15
PSTAT-6457	proteomics_stat	3563606	3563662	-	6	5	K.IAIHLNDTHPVLSIPEMMR.L	23
PSTAT-6458	proteomics_stat	3563705	3563758	-	6	5	R.LRQEYFLVSSTIQDILSR.H	22
PSTAT-6459	proteomics_stat	3563804	3563866	-	6	2	K.FNQGDYFAAVEDKNHSENVSR.V	25
PSTAT-6460	proteomics_stat	3564059	3564106	-	6	2	K.ESPDYWLEYGNPWEFK.R	20
PSTAT-6461	proteomics_stat	3564170	3564220	-	6	3	R.LAACFLDSLATLGLPGR.G	21
PSTAT-6462	proteomics_stat	3564893	3564931	-	6	2	R.FEPCGLTQLYGLK.Y	17
PSTAT-6463	proteomics_stat	3565157	3565195	-	6	2	K.VDDKVPLFAVVSRL.L	17
PSTAT-6464	proteomics_stat	3565223	3565255	-	6	7	R.DTLEDKAENKR.Q	15
PSTAT-6465	proteomics_stat	3565265	3565303	-	6	2	K.IWSPETDLLLASR.Y	17
PSTAT-6466	proteomics_stat	3565304	3565336	-	6	2	R.LSGVLNGVDEK.I	15
PSTAT-6467	proteomics_stat	3565352	3565405	-	6	4	R.EITEPQFAYGMEGLLQQR.H	22

PSTAT-6468	proteomics_stat	3565406	3565459	-	6	2	K.AGLYYADHITAVSPTYAR.E	22
PSTAT-6469	proteomics_stat	3565880	3565909	-	6	3	R.GVTDAQVVS.R	14
PSTAT-6470	proteomics_stat	3565880	3565912	-	6	3	R.RGVTDQVVS.R	15
PSTAT-6471	proteomics_stat	3565943	3566011	-	6	4	K.TGGLADVIGALPAAQIADGVDAR.V	27
PSTAT-6472	proteomics_stat	3566012	3566056	-	6	11	I.MQVLHVCSEMFPLLK.T	19
PSTAT-6473	proteomics_stat	3566095	3566124	-	5	3	R.SEEGIVLVTR.E	14
PSTAT-6474	proteomics_stat	3566227	3566286	-	5	3	R.VNSFCNIDSAVLLPEVWVGR.S	24
PSTAT-6475	proteomics_stat	3566446	3566496	-	5	4	K.ANLDLASVVPELDMYDR.N	21
PSTAT-6476	proteomics_stat	3566497	3566526	-	5	2	R.DVGTLEAYWK.A	14
PSTAT-6477	proteomics_stat	3566527	3566610	-	5	4	K.ITEAGLAYAHPFLSCVQSDPDAEPYWR.D	32
PSTAT-6478	proteomics_stat	3566875	3566898	-	5	3	R.MLIDHVEK.G	12
PSTAT-6479	proteomics_stat	3566914	3566955	-	5	2	K.AEYVVILAGDHIYK.Q	18
PSTAT-6480	proteomics_stat	3566914	3566961	-	5	7	R.YKAEYVVILAGDHIYK.Q	20
PSTAT-6481	proteomics_stat	3566965	3567006	-	5	2	R.GTADAVTQNLDIIR.R	18
PSTAT-6482	proteomics_stat	3566965	3567009	-	5	2	Y.RGTADAVTQNLDIIR.R	19
PSTAT-6483	proteomics_stat	3567031	3567093	-	5	5	R.GWSFFNEEMNEFVDLLPAQQR.M	25
PSTAT-6484	proteomics_stat	3567094	3567147	-	5	3	R.MGVITQYQSHTLVQHIQR.G	22
PSTAT-6485	proteomics_stat	3567151	3567195	-	5	3	R.IIDFALSNCINSGIR.R	19
PSTAT-6486	proteomics_stat	3567232	3567255	-	5	2	R.LKDLTNKR.A	12
PSTAT-6487	proteomics_stat	3567265	3567294	-	5	4	K.SVALILAGGR.G	14
PSTAT-6488	proteomics_stat	3567310	3567333	-	5	3	K.NDHLMLAR.Q	12
PSTAT-6489	proteomics_stat	3567310	3567348	-	5	2	M.VSLEKNDHLMLAR.Q	17
PSTAT-6490	proteomics_stat	3567999	3568052	-	4	4	R.LPSAAINLVTAHDGFTLR.D	22
PSTAT-6491	proteomics_stat	3568716	3568775	-	4	8	K.QLGITALELLPVAQFASEPR.L	24
PSTAT-6492	proteomics_stat	3568824	3568865	-	4	2	K.GLTYLHPEIPVEIR.G	18
PSTAT-6493	proteomics_stat	3568959	3568982	-	4	2	R.DNAAIAPK.C	12
PSTAT-6494	proteomics_stat	3569247	3569306	-	4	3	L.GAHYDGGQVNFNFTLFSAHAER.V	24
PSTAT-6495	proteomics_stat	3569247	3569339	-	4	5	M.TQLAIGKAPLGAHYDGGQVNFNFTLFSAHAER.V	35
PSTAT-6496	proteomics_stat	3569540	3569593	-	6	6	R.DKEGNEIIVASNFTPVPR.H	22
PSTAT-6497	proteomics_stat	3569723	3569797	-	6	3	R.EWNHDASLDWHLLEGGDNWHHGVR.L	29
PSTAT-6498	proteomics_stat	3570236	3570274	-	6	3	R.KEGEWIPNEFGGR.E	17
PSTAT-6499	proteomics_stat	3570338	3570385	-	6	3	R.EVSNFLVGNALYWIER.F	20
PSTAT-6500	proteomics_stat	3570389	3570436	-	6	3	R.EGYHQDWNTLIYNYGR.R	20
PSTAT-6501	proteomics_stat	3570728	3570760	-	6	2	R.HTDNNFWLSYR.E	15
PSTAT-6502	proteomics_stat	3570764	3570820	-	6	2	K.ANQFDAPISIEVHLGSR.R	23
PSTAT-6503	proteomics_stat	3570764	3570823	-	6	4	K.KANQFDAPISIEVHLGSR.R	24
PSTAT-6504	proteomics_stat	3570848	3570919	-	6	3	K.SDPYAFAEQMRPETASLICGLPEK.V	28
PSTAT-6505	proteomics_stat	3570848	3570925	-	6	4	R.LKSDPYAFAEQMRPETASLICGLPEK.V	30
PSTAT-6506	proteomics_stat	3570959	3571018	-	6	4	R.KESGIWELFIPGAHNGQLYK.Y	24
PSTAT-6507	proteomics_stat	3571226	3571282	-	6	3	R.YQLAVVWHGQQNLIDDPYR.F	23
PSTAT-6508	proteomics_stat	3571370	3571414	-	6	5	R.ALLPDATDVWVIEPK.T	19
PSTAT-6509	proteomics_stat	3571439	3571504	-	6	2	R.DVINALIAGHFADPFSVLGMHK.T	26
PSTAT-6510	proteomics_stat	3571819	3571899	-	5	70	K.LNMGPEFLSAFTVGDQLLWGAAEPLRR.M	31
PSTAT-6511	proteomics_stat	3571819	3571902	-	5	23	R.KLNMGPEFLSAFTVGDQLLWGAAEPLRR.M	32
PSTAT-6512	proteomics_stat	3571822	3571869	-	5	4	A.FTVGDQLLWGAAEPLR.R	20
PSTAT-6513	proteomics_stat	3571822	3571875	-	5	3	L.SAFTVGDQLLWGAAEPLR.R	22

PSTAT-6514	proteomics_stat	3571822	3571899	-	5	153	K.LNMGPEFLSAFTVGDQLLWGAAEPLR.R	30
PSTAT-6515	proteomics_stat	3571822	3571902	-	5	4	R.KLNMGPPEFLSAFTVGDQLLWGAAEPLR.R	31
PSTAT-6516	proteomics_stat	3571909	3571959	-	5	24	R.ELTPAAVTGTLTPVGR.L	21
PSTAT-6517	proteomics_stat	3571993	3572037	-	5	2	I.PTVEELLAHAHNPWAK.V	19
PSTAT-6518	proteomics_stat	3571993	3572049	-	5	20	K.DVSIPTVEELLAHAHNPWAK.V	23
PSTAT-6519	proteomics_stat	3571993	3572052	-	5	3	K.KDVSIPTVEELLAHAHNPWAK.V	24
PSTAT-6520	proteomics_stat	3572059	3572082	-	5	2	C.HSQAFTIK.L	12
PSTAT-6521	proteomics_stat	3572059	3572085	-	5	4	R.CHSQAFTIK.L	13
PSTAT-6522	proteomics_stat	3572101	3572145	-	5	2	I.LNTSSVIPVDGLCVR.V	19
PSTAT-6523	proteomics_stat	3572101	3572148	-	5	9	K.ILNTSSVIPVDGLCVR.V	20
PSTAT-6524	proteomics_stat	3572149	3572181	-	5	15	R.EEWKQGAETNK.I	15
PSTAT-6525	proteomics_stat	3572170	3572205	-	5	2	K.QLDNGQSREEWK.G	16
PSTAT-6526	proteomics_stat	3572182	3572274	-	5	3	R.SGELPVDNFGVPLAGSLIPWIDKQLDNGQSR.E	35
PSTAT-6527	proteomics_stat	3572206	3572274	-	5	19	R.SGELPVDNFGVPLAGSLIPWIDK.Q	27
PSTAT-6528	proteomics_stat	3572293	3572382	-	5	19	R.ELLTQMGHLYGHVADELATPSSAILDIERK.V	34
PSTAT-6529	proteomics_stat	3572296	3572382	-	5	222	R.ELLTQMGHLYGHVADELATPSSAILDIER.K	33
PSTAT-6530	proteomics_stat	3572347	3572382	-	5	2	R.ELLTQMGHLYGH.V	16
PSTAT-6531	proteomics_stat	3572518	3572565	-	5	8	D.PVNQDVITDGLNNGIR.T	20
PSTAT-6532	proteomics_stat	3572518	3572568	-	5	2	L.DPVNQDVITDGLNNGIR.T	21
PSTAT-6533	proteomics_stat	3572518	3572589	-	5	14	K.DDAIIIILDPVNQDVITDGLNNGIR.T	28
PSTAT-6534	proteomics_stat	3572518	3572595	-	5	48	R.MKDDAIIIILDPVNQDVITDGLNNGIR.T	30
PSTAT-6535	proteomics_stat	3572518	3572598	-	5	4	L.RMKDDAIIIILDPVNQDVITDGLNNGIR.T	31
PSTAT-6536	proteomics_stat	3572596	3572640	-	5	3	E.SGWQGYWIDAASSLR.M	19
PSTAT-6537	proteomics_stat	3572596	3572643	-	5	81	R.ESGWQGYWIDAASSLR.M	20
PSTAT-6538	proteomics_stat	3572596	3572649	-	5	12	K.LRESGWQGYWIDAASSLR.M	22
PSTAT-6539	proteomics_stat	3572650	3572703	-	5	5	L.DIIVTCQGGDYTNEIYPK.L	22
PSTAT-6540	proteomics_stat	3572650	3572709	-	5	13	K.ALDIIVTCQGGDYTNEIYPK.L	24
PSTAT-6541	proteomics_stat	3572710	3572769	-	5	11	A.PSFGTTGTLQDAFDLEALK.A	24
PSTAT-6542	proteomics_stat	3572710	3572796	-	5	2	F.STSQLGQAAPSFSGTTGTLQDAFDLEALK.A	33
PSTAT-6543	proteomics_stat	3572710	3572826	-	5	163	R.DFDAIRPVFFSTSQLGQAAPSFSGTTGTLQDAFDLEALK.A	43
PSTAT-6544	proteomics_stat	3572776	3572826	-	5	2	R.DFDAIRPVFFSTSQLGQ.A	21
PSTAT-6545	proteomics_stat	3572797	3572826	-	5	2	R.DFDAIRPVFF.S	14
PSTAT-6546	proteomics_stat	3572842	3572871	-	5	7	R.GMVGSVLMQR.M	14
PSTAT-6547	proteomics_stat	3575481	3575552	-	4	3	K.SAVASEVAHQLHAAFLDGDGDFLHPR.R	28
PSTAT-6548	proteomics_stat	3576294	3576341	-	4	2	K.MIEVAGIPVVELMDSK.S	20
PSTAT-6549	proteomics_stat	3576501	3576557	-	4	7	R.AIGVLLPSLTNQVFAEVL.R.G	23
PSTAT-6550	proteomics_stat	3577126	3577176	-	5	2	R.WALLKDEQSVHQIAAER.R	21
PSTAT-6551	proteomics_stat	3577246	3577269	-	5	4	R.RFDAVQGK.Q	12
PSTAT-6552	proteomics_stat	3577336	3577368	-	5	6	R.HSEYNPSSTER.L	15
PSTAT-6553	proteomics_stat	3577489	3577545	-	5	4	R.VINDDVEIAGQGFGTHPHK.D	23
PSTAT-6554	proteomics_stat	3577794	3577835	-	4	2	R.GFEQASPSTVTLAK.-	18
PSTAT-6555	proteomics_stat	3577875	3577928	-	4	5	R.VYDALYQTITHGAPNYVK.E	22
PSTAT-6556	proteomics_stat	3577965	3578054	-	4	3	K.ANIMPGEPGAADDSVGVLEYVNDGVTVR.E	34
PSTAT-6557	proteomics_stat	3578169	3578219	-	4	2	K.ANPDDTFEAQLFYGDLK.A	21
PSTAT-6558	proteomics_stat	3578169	3578225	-	4	2	R.NKANPDDTFEAQLFYGDLK.A	23
PSTAT-6559	proteomics_stat	3578511	3578558	-	4	5	K.NVLVEKPFPTLAQAK.E	20

PSTAT-6560	proteomics_stat	3585642	3585734	-	4	3	R.ELWAGMTPPLSSFEIDALEAAQQAPELPR.G	35
PSTAT-6561	proteomics_stat	3585756	3585821	-	4	4	R.EHGMMANIEIKPTTGTGPLTGK.M	26
PSTAT-6562	proteomics_stat	3585828	3585875	-	4	4	K.MFKGEPLPLLSQVAER.C	20
PSTAT-6563	proteomics_stat	3585903	3585956	-	4	2	R.TSNGWGVAGELNWQDLLR.V	22
PSTAT-6564	proteomics_stat	3585957	3585998	-	4	2	K.DGEIFLLHDDNLER.T	18
PSTAT-6565	proteomics_stat	3586700	3586762	-	6	3	R.AIVRDPVFLFDEPLSNLDAK.L	25
PSTAT-6566	proteomics_stat	3589077	3589112	-	4	4	K.TPQQALDTAVER.G	16
PSTAT-6567	proteomics_stat	3589077	3589115	-	4	7	K.KTPQQALDTAVER.G	17
PSTAT-6568	proteomics_stat	3589113	3589157	-	4	4	R.VIVDEELESVWTGKK.T	19
PSTAT-6569	proteomics_stat	3589191	3589226	-	4	4	R.QMLNKPLPFTK.G	16
PSTAT-6570	proteomics_stat	3589227	3589253	-	4	2	K.NPGADTATR.Q	13
PSTAT-6571	proteomics_stat	3589227	3589274	-	4	4	R.EQGFYEKNPGADTATR.Q	20
PSTAT-6572	proteomics_stat	3589320	3589370	-	4	7	K.FLDFLAKPENAAEWHQK.T	21
PSTAT-6573	proteomics_stat	3589401	3589457	-	4	4	K.DAPQNAIIGGASLWVMQGK.D	23
PSTAT-6574	proteomics_stat	3589458	3589502	-	4	2	K.FNYGVGMMPYDADAK.D	19
PSTAT-6575	proteomics_stat	3589515	3589574	-	4	3	K.FYNGDCAMTTASSGSLANIR.E	24
PSTAT-6576	proteomics_stat	3589596	3589622	-	4	5	K.KGDFSIVVGR.K	13
PSTAT-6577	proteomics_stat	3589620	3589652	-	4	6	K.HIAMLEEMNKK.G	15
PSTAT-6578	proteomics_stat	3589623	3589652	-	4	6	K.HIAMLEEMNK.K	14
PSTAT-6579	proteomics_stat	3589653	3589712	-	4	2	K.NNGFDGTDVLEFNKPEQVK.H	24
PSTAT-6580	proteomics_stat	3589893	3589952	-	4	16	K.TGHLLSQPFNSSTPVLYYNK.D	24
PSTAT-6581	proteomics_stat	3589953	3590021	-	4	5	K.EAGIQFDESQFVPTVSGYSDSK.T	27
PSTAT-6582	proteomics_stat	3590022	3590051	-	4	4	K.AIKPVYDVK.E	14
PSTAT-6583	proteomics_stat	3590052	3590117	-	4	10	R.TGNAPAILQVYEVGTATMMASK.A	26
PSTAT-6584	proteomics_stat	3590118	3590162	-	4	9	K.GNYEQNLSAGIAAFR.T	19
PSTAT-6585	proteomics_stat	3590208	3590279	-	4	4	A.VTTIPFWHSMEGELGKEVDSLQR.F	28
PSTAT-6586	proteomics_stat	3590232	3590279	-	4	4	A.VTTIPFWHSMEGELGK.E	20
PSTAT-6587	proteomics_stat	3590768	3590842	-	6	6	R.GYVLENGHVLSDTGDALLANEAVR.S	29
PSTAT-6588	proteomics_stat	3591011	3591058	-	6	3	R.AGTMSGGEQQMLAIGR.A	20
PSTAT-6589	proteomics_stat	3591083	3591112	-	6	5	R.IKWVYELFPR.L	14
PSTAT-6590	proteomics_stat	3591194	3591223	-	6	3	R.EAVAIVPEGR.R	14
PSTAT-6591	proteomics_stat	3591233	3591277	-	6	5	R.IVFDDKDITDWQTAI.I	19
PSTAT-6592	proteomics_stat	3591293	3591328	-	6	2	K.TLLGLTLCGDPR.A	16
PSTAT-6593	proteomics_stat	3591329	3591409	-	6	5	K.IQALHEVSLHINQGEIVTLIGANGAGK.T	31
PSTAT-6594	proteomics_stat	3591783	3591809	-	4	3	R.IGLLEHANR.Q	13
PSTAT-6595	proteomics_stat	3591993	3592034	-	4	6	R.DQHLEGLPGQIAR.M	18
PSTAT-6596	proteomics_stat	3592035	3592097	-	4	5	K.TTVFNCLTFYKPTGGTILLR.D	25
PSTAT-6597	proteomics_stat	3592098	3592187	-	4	10	R.FGGLLAVNNVNLELYPQEIVSLIGPNGAGK.T	34
PSTAT-6598	proteomics_stat	3592598	3592636	-	6	2	R.AWEALREDEIACR.S	17
PSTAT-6599	proteomics_stat	3592750	3592818	-	5	3	R.HSSDSSSAVPLVKAAGTRSVISL.A	27
PSTAT-6600	proteomics_stat	3594477	3594533	-	4	26	K.GDFGVFQWHADGSSTAAK.-	23
PSTAT-6601	proteomics_stat	3594534	3594593	-	4	4	K.ANGANTVIGPLNWDEKGDLLK.G	24
PSTAT-6602	proteomics_stat	3594546	3594593	-	4	2	K.ANGANTVIGPLNWDEK.G	20
PSTAT-6603	proteomics_stat	3594603	3594635	-	4	4	R.TGSDEPLALVK.D	15
PSTAT-6604	proteomics_stat	3594636	3594704	-	4	33	K.DPSGPYVWITYAAVQSLATALER.T	27
PSTAT-6605	proteomics_stat	3594636	3594707	-	4	5	K.KDPSGPYVWITYAAVQSLATALER.T	28

PSTAT-6606	proteomics_stat	3594636	3594716	-	4	46	K.ADKKDPSPYVWITYAAVQSLATALER.T	31
PSTAT-6607	proteomics_stat	3594705	3594764	-	4	11	K.RYDQDPANQGIVDALKADKK.D	24
PSTAT-6608	proteomics_stat	3594708	3594764	-	4	2	K.RYDQDPANQGIVDALKADK.K	23
PSTAT-6609	proteomics_stat	3594717	3594761	-	4	2	R.YDQDPANQGIVDALK.A	19
PSTAT-6610	proteomics_stat	3594717	3594764	-	4	12	K.RYDQDPANQGIVDALK.A	20
PSTAT-6611	proteomics_stat	3594765	3594857	-	4	16	K.TQFMGPEGVGNASLSNIAGDAAEGMLVTMPK.R	35
PSTAT-6612	proteomics_stat	3594882	3594941	-	4	5	K.ENIDFVYGGYYPENMGQMLR.Q	24
PSTAT-6613	proteomics_stat	3594882	3594944	-	4	3	K.KENIDFVYGGYYPENMGQMLR.Q	25
PSTAT-6614	proteomics_stat	3594882	3594950	-	4	3	R.LKKENIDFVYGGYYPENMGQMLR.Q	27
PSTAT-6615	proteomics_stat	3594951	3595025	-	4	72	K.AANANVFFDGITAGEKDFSALIAR.L	29
PSTAT-6616	proteomics_stat	3594975	3595025	-	4	7	K.AANANVFFDGITAGEK.D	21
PSTAT-6617	proteomics_stat	3595047	3595094	-	4	3	R.IAIIHDKQQYGEGLAR.S	20
PSTAT-6618	proteomics_stat	3595095	3595121	-	4	4	Y.ILETVKPQR.I	13
PSTAT-6619	proteomics_stat	3595095	3595124	-	4	9	K.YILETVKPQR.I	14
PSTAT-6620	proteomics_stat	3595125	3595163	-	4	5	T.AGLDSSQGPTAAK.Y	17
PSTAT-6621	proteomics_stat	3595125	3595166	-	4	13	R.TAGLDSSQGPTAAK.Y	18
PSTAT-6622	proteomics_stat	3595188	3595301	-	4	2	K.YVIGHLCSSSTQPASDIYEDEGILMISPGATNPELTQR.G	42
PSTAT-6623	proteomics_stat	3595323	3595346	-	4	4	K.QAVAVANK.I	12
PSTAT-6624	proteomics_stat	3595323	3595346	-	4	4	K.QAVAVANK.I	12
PSTAT-6625	proteomics_stat	3595347	3595370	-	4	6	E.YDDACDPK.Q	12
PSTAT-6626	proteomics_stat	3595347	3595370	-	4	6	E.YDDACDPK.Q	12
PSTAT-6627	proteomics_stat	3595347	3595382	-	4	2	L.VGVEYDDACDPK.Q	16
PSTAT-6628	proteomics_stat	3595347	3595385	-	4	10	K.LVGVEYDDACDPK.Q	17
PSTAT-6629	proteomics_stat	3595347	3595394	-	4	2	K.GDKLVGVEYDDACDPK.Q	20
PSTAT-6630	proteomics_stat	3595347	3595406	-	4	4	K.GGIKGDKLVGVEYDDACDPK.Q	24
PSTAT-6631	proteomics_stat	3595434	3595502	-	4	14	K.VAVVGAMSGPIAQWGDMEFNAR.Q	27
PSTAT-6632	proteomics_stat	3595434	3595535	-	4	4	A.ISHTAMADDIKVAVVGAMSGPIAQWGDMEFNAR.Q	38
PSTAT-6633	proteomics_stat	3596581	3596637	-	5	59	K.GFEFGVFDWHANGTATDAK.-	23
PSTAT-6634	proteomics_stat	3596581	3596649	-	5	5	K.GDLKGFVFDWHANGTATDAK.-	27
PSTAT-6635	proteomics_stat	3596638	3596697	-	5	4	K.ANSVDTVMGPLTWDEKGLK.G	24
PSTAT-6636	proteomics_stat	3596650	3596697	-	5	11	K.ANSVDTVMGPLTWDEK.G	20
PSTAT-6637	proteomics_stat	3596707	3596757	-	5	4	Q.SLQAGLNQSDDPAEIAK.Y	21
PSTAT-6638	proteomics_stat	3596707	3596769	-	5	3	Y.AALQSLQAGLNQSDDPAEIAK.Y	25
PSTAT-6639	proteomics_stat	3596707	3596805	-	5	37	K.QDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	37
PSTAT-6640	proteomics_stat	3596707	3596808	-	5	302	K.KQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	38
PSTAT-6641	proteomics_stat	3596707	3596814	-	5	8	K.AKKQDPSGAFVWTTYAALQSLQAGLNQSDDPAEIAK.Y	40
PSTAT-6642	proteomics_stat	3596770	3596808	-	5	3	K.KQDPSGAFVWTTY.A	17
PSTAT-6643	proteomics_stat	3596809	3596862	-	5	2	K.NYDQVPANKPIVDAIKAK.K	22
PSTAT-6644	proteomics_stat	3596815	3596862	-	5	15	K.NYDQVPANKPIVDAIK.A	20
PSTAT-6645	proteomics_stat	3596863	3596946	-	5	3	F.MGPEGVANVLSNIAGESAEGLLVTKPK.N	32
PSTAT-6646	proteomics_stat	3596863	3596955	-	5	274	K.TQFMGPEGVANVLSNIAGESAEGLLVTKPK.N	35
PSTAT-6647	proteomics_stat	3596977	3597039	-	5	2	K.ENIDFVYGGYHPENMGQILRQ.A	25
PSTAT-6648	proteomics_stat	3596980	3597021	-	5	2	V.YYGGYHPENMGQILR.Q	18
PSTAT-6649	proteomics_stat	3596980	3597039	-	5	24	K.ENIDFVYGGYHPENMGQILR.Q	24
PSTAT-6650	proteomics_stat	3596980	3597042	-	5	8	K.KENIDFVYGGYHPENMGQILR.Q	25
PSTAT-6651	proteomics_stat	3597049	3597072	-	5	3	K.DFSTLVAR.L	12

PSTAT-6652	proteomics_stat	3597049	3597120	-	5	54	K.GNANVVFFDGITAGEKDFSTLVAR.L	28
PSTAT-6653	proteomics_stat	3597049	3597123	-	5	224	K.KGNANVVFFDGITAGEKDFSTLVAR.L	29
PSTAT-6654	proteomics_stat	3597073	3597120	-	5	10	K.GNANVVFFDGITAGEK.D	20
PSTAT-6655	proteomics_stat	3597073	3597123	-	5	32	K.KGNANVVFFDGITAGEK.D	21
PSTAT-6656	proteomics_stat	3597145	3597192	-	5	7	R.IAIVHDKQQYGEGLAR.A	20
PSTAT-6657	proteomics_stat	3597223	3597255	-	5	2	G.LDSDQGPTAAK.Y	15
PSTAT-6658	proteomics_stat	3597223	3597258	-	5	2	T.GLSDSDQGPTAAK.Y	16
PSTAT-6659	proteomics_stat	3597223	3597261	-	5	4	T.TGLSDSDQGPTAAK.Y	17
PSTAT-6660	proteomics_stat	3597223	3597264	-	5	31	R.TTGLSDSDQGPTAAK.Y	18
PSTAT-6661	proteomics_stat	3597265	3597285	-	5	6	R.GYQLILR.T	11
PSTAT-6662	proteomics_stat	3597286	3597363	-	5	2	Q.PASDIYEDEGILMITPAATAPELTAR.G	30
PSTAT-6663	proteomics_stat	3597286	3597384	-	5	4	H.LCSSSTQPASDIYEDEGILMITPAATAPELTAR.G	37
PSTAT-6664	proteomics_stat	3597286	3597399	-	5	33	K.YVIGHLCSSSTQPASDIYEDEGILMITPAATAPELTAR.G	42
PSTAT-6665	proteomics_stat	3597400	3597444	-	5	3	K.QAVAVANKVVNDGIK.Y	19
PSTAT-6666	proteomics_stat	3597421	3597444	-	5	4	K.QAVAVANK.I	12
PSTAT-6667	proteomics_stat	3597421	3597444	-	5	4	K.QAVAVANK.I	12
PSTAT-6668	proteomics_stat	3597445	3597468	-	5	6	E.YDDACDPK.Q	12
PSTAT-6669	proteomics_stat	3597445	3597468	-	5	6	E.YDDACDPK.Q	12
PSTAT-6670	proteomics_stat	3597505	3597540	-	5	2	T.GAEQAVADINAK.G	16
PSTAT-6671	proteomics_stat	3597505	3597579	-	5	3	M.SGPVAQYGDQFTGAEQAVADINAK.G	29
PSTAT-6672	proteomics_stat	3597505	3597600	-	5	45	K.VAVVGAMSGPVAQYGDQFTGAEQAVADINAK.G	36
PSTAT-6673	proteomics_stat	3599573	3599650	-	6	8	R.NWSGGGALDMLEENPLPAVAVVIPK.L	30
PSTAT-6674	proteomics_stat	3599693	3599758	-	6	2	K.TLDDDAAGVVAQLQAEQVVEK.V	26
PSTAT-6675	proteomics_stat	3600105	3600152	-	4	5	R.MLTLSDGHLHGGVGHE.-	20
PSTAT-6676	proteomics_stat	3600165	3600215	-	4	2	R.VGVTVLMATHDINLISR.R	21
PSTAT-6677	proteomics_stat	3600237	3600320	-	4	3	R.AVVNKPAVLLADEPTGNLDDALSEGILR.L	32
PSTAT-6678	proteomics_stat	3600336	3600374	-	4	3	K.NFPILQSGGEQQR.V	17
PSTAT-6679	proteomics_stat	3600426	3600488	-	4	3	R.TVYDNVAIPLIAGASGDDIR.R	25
PSTAT-6680	proteomics_stat	3600597	3600632	-	4	2	K.LICGIERPSAGK.I	16
PSTAT-6681	proteomics_stat	3600648	3600725	-	4	9	R.QALQGVTFHMQPGEMAFLTGHSAGK.S	30
PSTAT-6682	proteomics_stat	3600926	3600970	-	6	12	K.LFHEAVGLTGITLTK.L	19
PSTAT-6683	proteomics_stat	3600971	3601051	-	6	7	K.KLDVEAPHEVMLTIDASTGQNAVVSQAK.L	31
PSTAT-6684	proteomics_stat	3601070	3601096	-	6	2	K.SHLMEELKK.I	13
PSTAT-6685	proteomics_stat	3601151	3601228	-	6	5	R.NNIPVIAQHTGADSASVIFDAIQAQK.A	30
PSTAT-6686	proteomics_stat	3601394	3601423	-	6	4	K.VDEPLNVEGK.A	14
PSTAT-6687	proteomics_stat	3601424	3601480	-	6	12	R.DAEALYGLLKEEMGEILAK.V	23
PSTAT-6688	proteomics_stat	3601493	3601528	-	6	4	R.KIITNLTEGASR.K	16
PSTAT-6689	proteomics_stat	3601610	3601651	-	6	13	K.TKENLGSFISLFR.G	18
PSTAT-6690	proteomics_stat	3601940	3602017	-	6	6	K.AQPEAEVVAQPEPVVEETPEPVAIER.E	30
PSTAT-6691	proteomics_stat	3602018	3602128	-	6	5	K.ASEQAVEEQPAHTEAEAEETFAADVVEVTEQVAESEK.A	41
PSTAT-6692	proteomics_stat	3603310	3603369	-	5	2	R.LDAQQYHALTVGDKGTLSTYK.G	24
PSTAT-6693	proteomics_stat	3603328	3603369	-	5	2	R.LDAQQYHALTVGDK.G	18
PSTAT-6694	proteomics_stat	3603370	3603420	-	5	2	R.YEASFQKQSGGMEQTFR.L	21
PSTAT-6695	proteomics_stat	3606966	3607016	-	4	2	M.TDLFSSPDHTLDALGLR.C	21
PSTAT-6696	proteomics_stat	3624946	3624993	-	5	2	R.WIGEVYPTSHFLTIAR.G	20
PSTAT-6697	proteomics_stat	3625498	3625548	-	5	3	K.GYVQAMHQSWLQDVASR.Q	21

PSTAT-6698	proteomics_stat	3627570	3627611	-	4	2	R.VNEELPWPDDLVR.L	18
PSTAT-6699	proteomics_stat	3627642	3627683	-	4	2	R.IPELLQQHLEYVK.T	18
PSTAT-6700	proteomics_stat	3627738	3627788	-	4	4	R.IPATISFVASVAQFTP.K.T	21
PSTAT-6701	proteomics_stat	3627837	3627911	-	4	11	R.VLNMVLDSDVYMTFFLPTEQAGTLK.L	29
PSTAT-6702	proteomics_stat	3627972	3628013	-	4	3	R.IAADIDDSELKAPR.D	18
PSTAT-6703	proteomics_stat	3627972	3628016	-	4	2	R.RIAADIDDSELKAPR.D	19
PSTAT-6704	proteomics_stat	3628017	3628043	-	4	4	R.VEAAQATER.R	13
PSTAT-6705	proteomics_stat	3628134	3628190	-	4	2	R.GAISAQQLDDRAAAESAR.A	23
PSTAT-6706	proteomics_stat	3628251	3628277	-	4	6	R.AAQSLVNQR.Q	13
PSTAT-6707	proteomics_stat	3628293	3628340	-	4	2	K.EAQSAVAAAQALLEQR.Q	20
PSTAT-6708	proteomics_stat	3628467	3628499	-	4	2	R.IEATEVDIASK.I	15
PSTAT-6709	proteomics_stat	3630524	3630607	-	6	2	K.IGTVAGTNDSTTTIATNDMVMQEHVTNFT.K	32
PSTAT-6710	proteomics_stat	3641166	3641210	-	4	2	R.EPQLDAMLEHYGIK.G.-	19
PSTAT-6711	proteomics_stat	3641166	3641216	-	4	9	R.GREPQLDAMLEHYGIK.G.-	21
PSTAT-6712	proteomics_stat	3641169	3641216	-	4	3	R.GREPQLDAMLEHYGIK.G	20
PSTAT-6713	proteomics_stat	3641259	3641297	-	4	2	R.ETGQSFLDNILSR.G	17
PSTAT-6714	proteomics_stat	3641994	3642029	-	4	2	R.FFELYDENNELR.G	16
PSTAT-6715	proteomics_stat	3642123	3642179	-	4	4	K.QHLYSISDEQLRPYFPENK.A	23
PSTAT-6716	proteomics_stat	3642186	3642242	-	4	2	K.AEFGVDELQPWDIAYYSEK.Q	23
PSTAT-6717	proteomics_stat	3642255	3642293	-	4	4	R.ARPQGEKELAQLR.A	17
PSTAT-6718	proteomics_stat	3642297	3642347	-	4	12	K.MAENPQQVLDFLDLAK.R	21
PSTAT-6719	proteomics_stat	3642363	3642407	-	4	15	R.HELAAQLLGFENYAFK.S	19
PSTAT-6720	proteomics_stat	3642435	3642479	-	4	4	R.ASDQGPNGKWDNSK.V	19
PSTAT-6721	proteomics_stat	3642510	3642590	-	4	2	K.ELEGYLLTLDIPSYLPVMTYCDNQALR.E	31
PSTAT-6722	proteomics_stat	3642609	3642668	-	4	2	K.LVTDEAELAGMPESALAAK.A	24
PSTAT-6723	proteomics_stat	3642669	3642731	-	4	3	R.LSELGNQYSNNVLDATMGWTK.L	25
PSTAT-6724	proteomics_stat	3642768	3642800	-	4	3	R.DFELSGIGLPK.E	15
PSTAT-6725	proteomics_stat	3642768	3642821	-	4	4	K.AVDNALRDFELSGIGLPK.E	22
PSTAT-6726	proteomics_stat	3642768	3642824	-	4	4	K.KAVDNALRDFELSGIGLPK.E	23
PSTAT-6727	proteomics_stat	3642801	3642824	-	4	3	K.KAVDNALR.D	12
PSTAT-6728	proteomics_stat	3642822	3642863	-	4	5	R.DGDHYATLNTAQKK.A	18
PSTAT-6729	proteomics_stat	3642825	3642863	-	4	3	R.DGDHYATLNTAQK.K	17
PSTAT-6730	proteomics_stat	3642825	3642872	-	4	2	R.DLRDGDHYATLNTAQK.K	20
PSTAT-6731	proteomics_stat	3642882	3642956	-	4	5	R.EAYEQTLPLLSEYSTWVGQHEGLYK.A	29
PSTAT-6732	proteomics_stat	3642975	3643010	-	4	5	R.IFSPVSHLNSVK.N	16
PSTAT-6733	proteomics_stat	3643011	3643088	-	4	5	R.VVAQGAPYTWENLCQPLAEVDDVLR.I	30
PSTAT-6734	proteomics_stat	3643122	3643157	-	4	10	K.ILPEHVVPVTK.A	16
PSTAT-6735	proteomics_stat	3643158	3643202	-	4	8	M.TNPLLPFELPPFSK.I	19
PSTAT-6736	proteomics_stat	3643158	3643205	-	4	4	R.MTNPLLPFELPPFSK.I	20
PSTAT-6737	proteomics_stat	3654019	3654036	-	5	3	K.NLYTFK.N	10
PSTAT-6738	proteomics_stat	3654070	3654120	-	5	19	K.GGDTVTLNETDLTQIPK.V	21
PSTAT-6739	proteomics_stat	3654070	3654171	-	5	3	K.AMTPVAWWMLHEETVYKGGDTVTLNETDLTQIPK.V	38
PSTAT-6740	proteomics_stat	3654121	3654165	-	5	5	M.TPVAAWWMLHEETVYK.G	19
PSTAT-6741	proteomics_stat	3654121	3654168	-	5	3	A.MTPVAWWMLHEETVYK.G	20
PSTAT-6742	proteomics_stat	3654121	3654171	-	5	208	K.AMTPVAWWMLHEETVYK.G	21
PSTAT-6743	proteomics_stat	3654172	3654210	-	5	31	K.DMTCQEFIDLNP.K.A	17

PSTAT-6744	proteomics_stat	3654449	3654469	-	6	7	K.VKGEWDK.I	11
PSTAT-6745	proteomics_stat	3654449	3654475	-	6	6	K.DKVKGEWDK.I	13
PSTAT-6746	proteomics_stat	3654476	3654502	-	6	2	C.TQDKQANFK.D	13
PSTAT-6747	proteomics_stat	3654491	3654574	-	6	142	K.DKPEDAVLDVQGIATVTPAIVQACTQDK.Q	32
PSTAT-6748	proteomics_stat	3654503	3654574	-	6	5	K.DKPEDAVLDVQGIATVTPAIVQAC.T	28
PSTAT-6749	proteomics_stat	3654575	3654670	-	6	82	K.KPVNSWTCEDFLAVDESFPQPTAVGFAEALNNK.D	36
PSTAT-6750	proteomics_stat	3654575	3654685	-	6	59	K.AADNKKPVNSWTCEDFLAVDESFPQPTAVGFAEALNNK.D	41
PSTAT-6751	proteomics_stat	3664212	3664241	-	4	3	L.QGIAQQNSFK.H	14
PSTAT-6752	proteomics_stat	3664212	3664241	-	4	3	L.QGIAQQNSFK.H	14
PSTAT-6753	proteomics_stat	3664212	3664244	-	4	9	K.LQGIAQQNSFK.H	15
PSTAT-6754	proteomics_stat	3664212	3664244	-	4	9	K.LQGIAQQNSFK.H	15
PSTAT-6755	proteomics_stat	3664278	3664322	-	4	45	R.GFEMDFAELLELEDYK.A	19
PSTAT-6756	proteomics_stat	3664278	3664322	-	4	45	R.GFEMDFAELLELEDYK.A	19
PSTAT-6757	proteomics_stat	3664278	3664325	-	4	96	R.RGFEMDFAELLELEDYK.A	20
PSTAT-6758	proteomics_stat	3664278	3664325	-	4	96	R.RGFEMDFAELLELEDYK.A	20
PSTAT-6759	proteomics_stat	3664338	3664397	-	4	364	R.GWQVPAFTLGGEATDIVVMR.I	24
PSTAT-6760	proteomics_stat	3664338	3664397	-	4	364	R.GWQVPAFTLGGEATDIVVMR.I	24
PSTAT-6761	proteomics_stat	3664410	3664454	-	4	11	K.DGEDPGYTLYDLSER.L	19
PSTAT-6762	proteomics_stat	3664410	3664454	-	4	11	K.DGEDPGYTLYDLSER.L	19
PSTAT-6763	proteomics_stat	3664410	3664460	-	4	8	K.LKDGEDPGYTLYDLSER.L	21
PSTAT-6764	proteomics_stat	3664410	3664460	-	4	8	K.LKDGEDPGYTLYDLSER.L	21
PSTAT-6765	proteomics_stat	3664461	3664526	-	4	3	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PSTAT-6766	proteomics_stat	3664461	3664526	-	4	3	K.LGPYEFICTGRPDEGIPAVCFK.L	26
PSTAT-6767	proteomics_stat	3664527	3664580	-	4	90	K.VQNASYQVAAYLADEIAK.L	22
PSTAT-6768	proteomics_stat	3664527	3664580	-	4	90	K.VQNASYQVAAYLADEIAK.L	22
PSTAT-6769	proteomics_stat	3664605	3664646	-	4	19	R.PAGQVIAQYEFRL.L	18
PSTAT-6770	proteomics_stat	3664605	3664646	-	4	19	R.PAGQVIAQYEFRL.L	18
PSTAT-6771	proteomics_stat	3664734	3664775	-	4	2	K.FGLAPLGCWVIWR.D	18
PSTAT-6772	proteomics_stat	3664734	3664775	-	4	2	K.FGLAPLGCWVIWR.D	18
PSTAT-6773	proteomics_stat	3665070	3665090	-	4	3	R.YWDVELR.E	11
PSTAT-6774	proteomics_stat	3665070	3665090	-	4	3	R.YWDVELR.E	11
PSTAT-6775	proteomics_stat	3665100	3665171	-	4	4	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PSTAT-6776	proteomics_stat	3665100	3665171	-	4	4	R.MEAAGKPTDKPNLVCGPVQICWHK.F	28
PSTAT-6777	proteomics_stat	3665100	3665174	-	4	2	K.RMEAAGKPTDKPNLVCGPVQICWHK.F	29
PSTAT-6778	proteomics_stat	3665100	3665174	-	4	2	K.RMEAAGKPTDKPNLVCGPVQICWHK.F	29
PSTAT-6779	proteomics_stat	3665190	3665261	-	4	8	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PSTAT-6780	proteomics_stat	3665190	3665261	-	4	8	K.NGQAVGTNTIGSSEACMLGGMAMK.W	28
PSTAT-6781	proteomics_stat	3665262	3665306	-	4	17	R.CVNMVADLWHAPAPK.N	19
PSTAT-6782	proteomics_stat	3665262	3665306	-	4	17	R.CVNMVADLWHAPAPK.N	19
PSTAT-6783	proteomics_stat	3665262	3665330	-	4	3	P.QSAAIDLRCVNMVADLWHAPAPK.N	27
PSTAT-6784	proteomics_stat	3665262	3665330	-	4	3	P.QSAAIDLRCVNMVADLWHAPAPK.N	27
PSTAT-6785	proteomics_stat	3665307	3665357	-	4	13	K.NWIDKEEYPQSAIDL.R.C	21
PSTAT-6786	proteomics_stat	3665307	3665357	-	4	13	K.NWIDKEEYPQSAIDL.R.C	21
PSTAT-6787	proteomics_stat	3665307	3665381	-	4	4	K.LMDLSINKNWIDKEEYPQSAIDL.R.C	29
PSTAT-6788	proteomics_stat	3665307	3665381	-	4	4	K.LMDLSINKNWIDKEEYPQSAIDL.R.C	29
PSTAT-6789	proteomics_stat	3665358	3665381	-	4	2	K.LMDLSINK.N	12

PSTAT-6790	proteomics_stat	3665358	3665381	-	4	2	K.LMDLSINK.N	12
PSTAT-6791	proteomics_stat	3665382	3665432	-	4	10	R.QNLATFCQTWDDENVHK.L	21
PSTAT-6792	proteomics_stat	3665382	3665432	-	4	10	R.QNLATFCQTWDDENVHK.L	21
PSTAT-6793	proteomics_stat	3665433	3665489	-	4	103	R.DDVAFQIINDELYLDGNAR.Q	23
PSTAT-6794	proteomics_stat	3665433	3665489	-	4	103	R.DDVAFQIINDELYLDGNAR.Q	23
PSTAT-6795	proteomics_stat	3665433	3665510	-	4	7	R.FPLHEMRDDVAFQIINDELYLDGNAR.Q	30
PSTAT-6796	proteomics_stat	3665433	3665510	-	4	7	R.FPLHEMRDDVAFQIINDELYLDGNAR.Q	30
PSTAT-6797	proteomics_stat	3665490	3665510	-	4	3	R.FPLHEMR.D	11
PSTAT-6798	proteomics_stat	3665490	3665510	-	4	3	R.FPLHEMR.D	11
PSTAT-6799	proteomics_stat	3665514	3665540	-	4	2	K.AISTIAESK.R	13
PSTAT-6800	proteomics_stat	3675444	3675527	-	4	3	K.FSGDSLGLDYELTGVLPPDTPPFETDGR.L	32
PSTAT-6801	proteomics_stat	3675762	3675830	-	4	3	K.ADLEIFVDPLGKPLPFSEVTGSK.G	27
PSTAT-6802	proteomics_stat	3675888	3675965	-	4	3	K.NNNWTFNLANDDNKDANAKPSAWSFR.L	30
PSTAT-6803	proteomics_stat	3678707	3678754	-	6	2	R.SLQNVVVDIAPEQYQK.L	20
PSTAT-6804	proteomics_stat	3678827	3678901	-	6	3	V.ARELAKVRDKGLPEEFNALVAQKK.L	29
PSTAT-6805	proteomics_stat	3678896	3678964	-	6	3	R.AQCAINIESPNDKLNLSNLNVAR.E	27
PSTAT-6806	proteomics_stat	3679103	3679141	-	6	2	R.LSIMWDTPWQPIR.E	17
PSTAT-6807	proteomics_stat	3679352	3679420	-	6	6	R.LKGSLLGHDPADPLKQPVEAEK.I	27
PSTAT-6808	proteomics_stat	3679442	3679519	-	6	2	K.LTITPETINHALQSQDMVATWPADTK.E	30
PSTAT-6809	proteomics_stat	3679715	3679783	-	6	3	R.LLVNTGSLAESTQQSGYSHAIPR.I	27
PSTAT-6810	proteomics_stat	3680220	3680246	-	4	7	K.KLDDVLNNR.A	13
PSTAT-6811	proteomics_stat	3682910	3682942	-	6	3	R.HYEEQENAMR.F	15
PSTAT-6812	proteomics_stat	3699890	3699949	-	6	3	K.DYGGQLVACFAVDQDENPQR.-	24
PSTAT-6813	proteomics_stat	3700091	3700129	-	6	8	R.HPYTQALLSATPR.L	17
PSTAT-6814	proteomics_stat	3700130	3700162	-	6	2	K.GTKDQIFNNPR.H	15
PSTAT-6815	proteomics_stat	3700301	3700369	-	6	2	R.GLMLDPDVVIADPEVVSALDVSVR.A	27
PSTAT-6816	proteomics_stat	3700490	3700540	-	6	3	K.VGQILEEPLLINTSLSK.E	21
PSTAT-6817	proteomics_stat	3700490	3700543	-	6	3	K.KVGQILEEPLLINTSLSK.E	22
PSTAT-6818	proteomics_stat	3700490	3700546	-	6	3	R.KKVGQILEEPLLINTSLSK.E	23
PSTAT-6819	proteomics_stat	3700547	3700591	-	6	5	K.IQIVFQNPYGS LNPR.K	19
PSTAT-6820	proteomics_stat	3700628	3700693	-	6	2	R.LLTMIEMPTGGELYQQDLLK.H	26
PSTAT-6821	proteomics_stat	3701005	3701040	-	5	5	K.YDRPNGCLLNPR.C	16
PSTAT-6822	proteomics_stat	3701074	3701106	-	5	2	R.ALPEFAQDKER.L	15
PSTAT-6823	proteomics_stat	3701389	3701433	-	5	4	R.LDVYPHQLSGGMSQR.V	19
PSTAT-6824	proteomics_stat	3701434	3701481	-	5	2	R.AIDLLNQVGIPDPASR.L	20
PSTAT-6825	proteomics_stat	3701686	3701733	-	5	2	K.SVSSLAIMGLIDYPGR.V	20
PSTAT-6826	proteomics_stat	3701734	3701778	-	5	2	K.QGEVVGIVGESGSGK.S	19
PSTAT-6827	proteomics_stat	3703529	3703564	-	6	3	K.SRIPVWEEFVPR.F	16
PSTAT-6828	proteomics_stat	3704124	3704177	-	4	2	K.GYVVDPLGKHHFENVISIE.-	22
PSTAT-6829	proteomics_stat	3704151	3704177	-	4	4	K.GYVVDPLGK.H	13
PSTAT-6830	proteomics_stat	3704187	3704264	-	4	67	K.QAQVMHDQAPALIAHSTVFEPVRK.E	30
PSTAT-6831	proteomics_stat	3704190	3704264	-	4	18	K.QAQVMHDQAPALIAHSTVFEPVRK.K	29
PSTAT-6832	proteomics_stat	3704214	3704264	-	4	3	K.QAQVMHDQAPALIAH.S	21
PSTAT-6833	proteomics_stat	3704304	3704345	-	4	23	K.WCYKPFEDLIQPAR.A	18
PSTAT-6834	proteomics_stat	3704469	3704504	-	4	4	K.IVTYEWGEYLKR.A	16
PSTAT-6835	proteomics_stat	3704472	3704504	-	4	6	K.IVTYEWGEYLK.R	15

PSTAT-6836	proteomics_stat	3704523	3704555	-	4	3	R.MAEMIQADWAK.V	15
PSTAT-6837	proteomics_stat	3704559	3704618	-	4	4	K.GFSIDLWAMPVQRPYNPNAR.R	24
PSTAT-6838	proteomics_stat	3704655	3704723	-	4	9	K.NLIPPTMWGYNDDVQDYTYDPEK.A	27
PSTAT-6839	proteomics_stat	3704724	3704753	-	4	2	A.VYQGAGVSAK.N	14
PSTAT-6840	proteomics_stat	3704724	3704756	-	4	9	K.AVYQGAGVSAK.N	15
PSTAT-6841	proteomics_stat	3704757	3704798	-	4	5	R.QALTYAVNKDAIIK.A	18
PSTAT-6842	proteomics_stat	3704772	3704798	-	4	4	R.QALTYAVNK.D	13
PSTAT-6843	proteomics_stat	3704805	3704825	-	4	6	K.KPLDDVK.V	11
PSTAT-6844	proteomics_stat	3704826	3704888	-	4	25	K.SINLMEMPGLNVGYLSYNVQK.K	25
PSTAT-6845	proteomics_stat	3704904	3704951	-	4	7	K.NECQVMPYPNPADIAR.M	20
PSTAT-6846	proteomics_stat	3704904	3704960	-	4	6	K.LQKNECQVMPYPNPADIAR.M	23
PSTAT-6847	proteomics_stat	3704970	3705047	-	4	40	K.AFDGYWGTPKQIDTLVFSITPDASVR.Y	30
PSTAT-6848	proteomics_stat	3704970	3705053	-	4	3	R.YKAFDGYWGTPKQIDTLVFSITPDASVR.Y	32
PSTAT-6849	proteomics_stat	3705069	3705122	-	4	5	K.LDLNPIGTGPFQLQYQK.D	22
PSTAT-6850	proteomics_stat	3705069	3705140	-	4	39	K.AGTPEKLDLNPIGTGPFQLQYQK.D	28
PSTAT-6851	proteomics_stat	3705141	3705164	-	4	5	K.EYADAMMK.A	12
PSTAT-6852	proteomics_stat	3705165	3705221	-	4	2	R.PEAPFLADLAMDFASILSK.E	23
PSTAT-6853	proteomics_stat	3705165	3705257	-	4	5	K.VDDNTVQFVLRPEAPFLADLAMDFASILSK.E	35
PSTAT-6854	proteomics_stat	3705165	3705260	-	4	14	K.KVDDNTVQFVLRPEAPFLADLAMDFASILSK.E	36
PSTAT-6855	proteomics_stat	3705258	3705326	-	4	2	K.VSGGSYEYFEGMGLPELISEVK.V	27
PSTAT-6856	proteomics_stat	3705261	3705326	-	4	15	K.VSGGSYEYFEGMGLPELISEVK.K	26
PSTAT-6857	proteomics_stat	3705261	3705329	-	4	2	H.KVSGGSYEYFEGMGLPELISEVK.K	27
PSTAT-6858	proteomics_stat	3705354	3705395	-	4	2	R.ELNADDVVFSDR.Q	18
PSTAT-6859	proteomics_stat	3705357	3705395	-	4	8	R.ELNADDVVFSDR.Q	17
PSTAT-6860	proteomics_stat	3705462	3705485	-	4	4	K.WEVSEDGK.T	12
PSTAT-6861	proteomics_stat	3705462	3705524	-	4	4	K.IGTTEVIPGLAEKWEVSEDGK.T	25
PSTAT-6862	proteomics_stat	3705486	3705524	-	4	7	K.IGTTEVIPGLAEK.W	17
PSTAT-6863	proteomics_stat	3705540	3705590	-	4	4	L.FTSGTTYDASSVPLYNR.L	21
PSTAT-6864	proteomics_stat	3705540	3705644	-	4	6	A.KTLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR.L	39
PSTAT-6865	proteomics_stat	3707140	3707217	-	5	3	K.AQMINSYDNSVTYVDHFISSVIDQVR.D	30
PSTAT-6866	proteomics_stat	3712786	3712827	-	5	2	K.SELQWLETFFYNVAR.Q	18
PSTAT-6867	proteomics_stat	3713170	3713226	-	5	2	R.IVEALENPGGAYQHNGMNR.H	23
PSTAT-6868	proteomics_stat	3714187	3714228	-	5	2	R.KGFLASPENPQGIR.G	18
PSTAT-6869	proteomics_stat	3716360	3716431	-	6	8	K.LIAPLPAQHQAQFNQAWTTAVTATQ.-	28
PSTAT-6870	proteomics_stat	3716603	3716647	-	6	2	K.QSDDLKPVFDQAFTK.V	19
PSTAT-6871	proteomics_stat	3716648	3716680	-	6	17	K.LQADAAHSALK.Q	15
PSTAT-6872	proteomics_stat	3716681	3716731	-	6	6	R.EMNGSLGVLAQQLQNAK.L	21
PSTAT-6873	proteomics_stat	3716732	3716770	-	6	6	R.VPQDYVTQSGPLR.E	17
PSTAT-6874	proteomics_stat	3716771	3716884	-	6	10	K.QFGPFVSDYAILYGYSQQVNVQAMDSGLRPVVDVSVNAIR.V	42
PSTAT-6875	proteomics_stat	3716801	3716884	-	6	4	K.QFGPFVSDYAILYGYSQQVNVQAMDSGLR.P	32
PSTAT-6876	proteomics_stat	3716885	3716914	-	6	6	R.LPTLTADQKK.Q	14
PSTAT-6877	proteomics_stat	3716885	3716926	-	6	2	R.SGERLPTLTADQKK.Q	18
PSTAT-6878	proteomics_stat	3716927	3716962	-	6	2	K.AFIDFLQNTVMR.S	16
PSTAT-6879	proteomics_stat	3716927	3716965	-	6	8	R.KAFIDFLQNTVMR.S	17
PSTAT-6880	proteomics_stat	3720426	3720458	-	4	4	K.VMVMVDDKELR.I	15
PSTAT-6881	proteomics_stat	3720459	3720521	-	4	10	R.YQDALVELAELREPVDAFFDK.V	25

PSTAT-6882	proteomics_stat	3720486	3720521	-	4	2	R.YQDALVELAELR.E	16
PSTAT-6883	proteomics_stat	3720522	3720554	-	4	2	R.DKLEPYFTEGR.Y	15
PSTAT-6884	proteomics_stat	3720582	3720620	-	4	13	R.VNASTLKEPEEIK.L	17
PSTAT-6885	proteomics_stat	3720582	3720644	-	4	2	K.SDEVLSDRVNASTLKEPEEIK.L	25
PSTAT-6886	proteomics_stat	3720621	3720644	-	4	3	K.SDEVLSDR.V	12
PSTAT-6887	proteomics_stat	3720666	3720707	-	4	4	R.TLDAALAAANKR.V	18
PSTAT-6888	proteomics_stat	3720732	3720764	-	4	2	R.RPTRPADFDAR.M	15
PSTAT-6889	proteomics_stat	3720765	3720821	-	4	5	R.AWYQDEGYVDTIQAVLAR.R	23
PSTAT-6890	proteomics_stat	3720828	3720878	-	4	47	K.LTNANVVDDVIDFMLGR.F	21
PSTAT-6891	proteomics_stat	3720828	3720881	-	4	2	D.KLTNANVVDDVIDFMLGR.F	22
PSTAT-6892	proteomics_stat	3720828	3720893	-	4	32	R.LYGDKLTNANVVDDVIDFMLGR.F	26
PSTAT-6893	proteomics_stat	3720894	3720938	-	4	9	K.NLNLDLQTLTEEAVR.L	19
PSTAT-6894	proteomics_stat	3721005	3721049	-	4	7	K.MDTLAGIFGIGQHPK.G	19
PSTAT-6895	proteomics_stat	3721005	3721109	-	4	21	R.FAGDDLPSNPVACALAIADKMDTLGIFGIGQHPK.G	39
PSTAT-6896	proteomics_stat	3721050	3721109	-	4	7	R.FAGDDLPSNPVACALAIADK.M	24
PSTAT-6897	proteomics_stat	3721110	3721166	-	4	4	R.HDGEAEDVAVALNEQYQPR.F	23
PSTAT-6898	proteomics_stat	3721257	3721319	-	4	6	R.IQALAGWIAEQIGADVNHATR.A	25
PSTAT-6899	proteomics_stat	3721335	3721376	-	4	9	R.LQTVLFQQQLGTLR.D	18
PSTAT-6900	proteomics_stat	3721377	3721400	-	4	7	K.RLEDNLPR.L	12
PSTAT-6901	proteomics_stat	3721458	3721490	-	4	5	K.DPQQIISGNEK.V	15
PSTAT-6902	proteomics_stat	3721458	3721532	-	4	20	K.LLPNFIFVANIESKDPQQIISGNEK.V	29
PSTAT-6903	proteomics_stat	3721575	3721616	-	4	3	K.FLAVPAEALVYTMK.G	18
PSTAT-6904	proteomics_stat	3721716	3721745	-	4	11	K.IKADAEEAAR.K	14
PSTAT-6905	proteomics_stat	3721755	3721778	-	4	3	K.VIADYEER.K	12
PSTAT-6906	proteomics_stat	3721755	3721784	-	4	4	R.GKVIADYEER.K	14
PSTAT-6907	proteomics_stat	3721791	3721850	-	4	4	R.FMGEPEFTIDNADQYPEILR.E	24
PSTAT-6908	proteomics_stat	3721869	3721907	-	4	2	K.VIPATILGIQSDR.V	17
PSTAT-6909	proteomics_stat	3721908	3721973	-	4	2	R.WGASDVHFVRPVHTVTLGLGDK.V	26
PSTAT-6910	proteomics_stat	3721998	3722051	-	4	4	K.GESTEALLPNMVATSLAK.L	22
PSTAT-6911	proteomics_stat	3722064	3722096	-	4	4	L.TTDKGEWLLYR.A	15
PSTAT-6912	proteomics_stat	3722064	3722099	-	4	5	R.LTTDKGEWLLYR.A	16
PSTAT-6913	proteomics_stat	3722100	3722132	-	4	2	R.GCGITVDQAER.L	15
PSTAT-6914	proteomics_stat	3722154	3722201	-	4	4	R.GPAIAQAFDAEGKPSK.A	20
PSTAT-6915	proteomics_stat	3722154	3722204	-	4	3	K.RGPAIAQAFDAEGKPSK.A	21
PSTAT-6916	proteomics_stat	3722202	3722249	-	4	7	K.VANLAEQPDREIEKR.G	20
PSTAT-6917	proteomics_stat	3722205	3722249	-	4	6	K.VANLAEQPDREIEK.R	19
PSTAT-6918	proteomics_stat	3722217	3722249	-	4	4	K.VANLAEQPDREIEK.E	15
PSTAT-6919	proteomics_stat	3722265	3722357	-	4	156	R.SLAESFAANFTAELDNAGLAHGTQVQWFAAPR.R	35
PSTAT-6920	proteomics_stat	3722367	3722408	-	4	2	K.TFLVEIGTEELPPK.A	18
PSTAT-6921	proteomics_stat	3722469	3722498	-	4	2	K.AVAEAYASR.E	14
PSTAT-6922	proteomics_stat	3722559	3722591	-	4	6	K.AAHSFNLLDAR.K	15
PSTAT-6923	proteomics_stat	3722601	3722657	-	4	5	K.EAQQLLALENPLPLPAYER.I	23
PSTAT-6924	proteomics_stat	3722997	3723032	-	4	2	K.ELGMDPTIHDR.F	16
PSTAT-6925	proteomics_stat	3723033	3723113	-	4	12	R.LQHYYQFQVVIKPSPDNIQELYLGLSK.E	31
PSTAT-6926	proteomics_stat	3723153	3723200	-	4	8	R.ELGPEPMAAAYVQPSR.R	20
PSTAT-6927	proteomics_stat	3723276	3723320	-	4	14	R.TFQGLILTLQDYWAR.Q	19

PSTAT-6928	proteomics_stat	3726423	3726485	-	4	2	K.LTGLSNVPALIAAAQQADESA.E	25
PSTAT-6929	proteomics_stat	3726741	3726806	-	4	2	R.DQMPALYEGSEITGALLPEVAK.A	26
PSTAT-6930	proteomics_stat	3727002	3727046	-	4	2	R.VITGNLMMPGFTAPK.L	19
PSTAT-6931	proteomics_stat	3728252	3728341	-	6	2	R.YGAGAATNPDPEVFSWAATQVV TAMEATHK.L	34
PSTAT-6932	proteomics_stat	3739941	3739991	-	4	2	R.NTITELPAMFDELAHIR.E	21
PSTAT-6933	proteomics_stat	3740073	3740120	-	4	2	R.AYIGQHMPLYCSAMGK.I	20
PSTAT-6934	proteomics_stat	3753041	3753064	-	6	2	M.LEHYQQT.K.C	12
PSTAT-6935	proteomics_stat	3753041	3753067	-	6	3	M.MLEHYQQT.K.C	13
PSTAT-6936	proteomics_stat	3753041	3753070	-	6	7	K.MMLEHYQQT.K.C	14
PSTAT-6937	proteomics_stat	3753206	3753274	-	6	5	K.TMEEALELANDTQYGLGAGVWSR.N	27
PSTAT-6938	proteomics_stat	3753275	3753325	-	6	21	R.VFQEEIFGPVLA VTTFK.T	21
PSTAT-6939	proteomics_stat	3753326	3753376	-	6	5	K.DGYYLEPTILFGQNNMR.V	21
PSTAT-6940	proteomics_stat	3753326	3753397	-	6	4	K.LLEGELKDGYYLEPTILFGQNNMR.V	28
PSTAT-6941	proteomics_stat	3753326	3753400	-	6	4	R.KLLEGELKDGYYLEPTILFGQNNMR.V	29
PSTAT-6942	proteomics_stat	3753404	3753433	-	6	3	K.EGADVLTGGR.R	14
PSTAT-6943	proteomics_stat	3753434	3753529	-	6	24	R.SGNPLDSVTQMGAQVSHGQLETILNYIDIGKK.E	36
PSTAT-6944	proteomics_stat	3753437	3753529	-	6	8	R.SGNPLDSVTQMGAQVSHGQLETILNYIDIGKK.K	35
PSTAT-6945	proteomics_stat	3753569	3753598	-	6	2	R.ALVQESIYER.F	14
PSTAT-6946	proteomics_stat	3753719	3753748	-	6	2	I.IPVTELEGGK.S	14
PSTAT-6947	proteomics_stat	3753719	3753811	-	6	9	K.VAFTGSTEVGQQIMQYATQNIIPVTELEGGK.S	35
PSTAT-6948	proteomics_stat	3754139	3754183	-	6	2	R.ETSAADVPLAIDHFR.Y	19
PSTAT-6949	proteomics_stat	3754184	3754246	-	6	9	R.MEQNLELLATAETWDNGKPIR.E	25
PSTAT-6950	proteomics_stat	3754184	3754258	-	6	3	K.IADRMEQNLELLATAETWDNGKPIR.E	29
PSTAT-6951	proteomics_stat	3754319	3754348	-	6	5	R.DIDLALDAAH.K	14
PSTAT-6952	proteomics_stat	3754349	3754468	-	6	2	K.ARYDNFIGGEWVAPADGEYYQNLTPVTGQLLCEVASSGK.R	44
PSTAT-6953	proteomics_stat	3754352	3754462	-	6	3	R.YDNFIGGEWVAPADGEYYQNLTPVTGQLLCEVASSGK.R	41
PSTAT-6954	proteomics_stat	3754475	3754531	-	6	4	M.TNNPPSAQIKPGEYGFPLK.L	23
PSTAT-6955	proteomics_stat	3754475	3754534	-	6	6	I.MTNNPPSAQIKPGEYGFPLK.L	24
PSTAT-6956	proteomics_stat	3756355	3756393	-	5	2	K.AEPLFGDEPWVVR.D	17
PSTAT-6957	proteomics_stat	3756493	3756543	-	5	5	R.MALPMEDEALVLLIEK.M	21
PSTAT-6958	proteomics_stat	3756760	3756801	-	5	3	R.AQSDADALSVHLER.G	18
PSTAT-6959	proteomics_stat	3756925	3756996	-	5	5	R.VSILLEDNLAEVFDTPWLADNDR.L	28
PSTAT-6960	proteomics_stat	3757177	3757227	-	5	9	R.ALHAQNQPTETANAGQR.I	21
PSTAT-6961	proteomics_stat	3757789	3757845	-	5	2	K.TTLLQAITGVNADRLPEEK.K	23
PSTAT-6962	proteomics_stat	3757992	3758021	-	4	4	R.GSHLES LAAR.W	14
PSTAT-6963	proteomics_stat	3758208	3758255	-	4	5	R.LYLHPEALSEKLPTLR.L	20
PSTAT-6964	proteomics_stat	3758451	3758525	-	4	3	K.ELDVPVVDL GSGSLVDLSQYGLPK.E	29
PSTAT-6965	proteomics_stat	3758562	3758600	-	4	3	K.VHTSNYSIQGFTK.A	17
PSTAT-6966	proteomics_stat	3758658	3758699	-	4	4	R.QAGCTLHEVGTTNR.T	18
PSTAT-6967	proteomics_stat	3758769	3758852	-	4	2	R.ITGAEDACIVNNAAVLLMLAATASGK.E	32
PSTAT-6968	proteomics_stat	3758982	3759050	-	4	8	K.EAQSALRPVINLTGTVLHTNLGR.A	27
PSTAT-6969	proteomics_stat	3759652	3759705	-	5	3	R.KIEALADGIMDAGLVSVR.E	22
PSTAT-6970	proteomics_stat	3774245	3774298	-	6	3	R.NAIPSGIPDESPLYLQR.L	22
PSTAT-6971	proteomics_stat	3774362	3774400	-	6	6	M.GKLGENVPLLDK.A	17
PSTAT-6972	proteomics_stat	3779860	3779928	-	5	5	K.IGAGSVVLQVPPHTTAAGV PAR.I	27
PSTAT-6973	proteomics_stat	3780025	3780129	-	5	4	R.GIMLDHATGIVVGETAVIENDVSILQSVTLGGTGK.S	39

PSTAT-6974	proteomics_stat	3780268	3780318	-	5	5	R.TRDPAVDKYSTPLLYLK.G	21
PSTAT-6975	proteomics_stat	3780319	3780393	-	5	3	R.EVVEEAYAADPEMIASACDIQAVR.T	29
PSTAT-6976	proteomics_stat	3780430	3780474	-	5	8	K.HENLGSALSYMLANK.L	19
PSTAT-6977	proteomics_stat	3780544	3780582	-	5	2	M.SCEELEIVWNNIK.A	17
PSTAT-6978	proteomics_stat	3780731	3780787	-	6	8	R.FGVEMPITEEIQVLYCGK.N	23
PSTAT-6979	proteomics_stat	3780821	3780847	-	6	2	K.IGQVVEGYR.N	13
PSTAT-6980	proteomics_stat	3780908	3781000	-	6	6	R.LGAALGADPATFMGMAGLGLVLTCTDNQSR.N	35
PSTAT-6981	proteomics_stat	3781100	3781150	-	6	3	R.VYSNPDFIGVQLGGAVK.N	21
PSTAT-6982	proteomics_stat	3781160	3781252	-	6	2	K.ELAAGLPTAISLASTDQTFADDLQQLLHCGK.S	35
PSTAT-6983	proteomics_stat	3781253	3781309	-	6	5	R.EALGDQIPLAVISGPTFAK.E	23
PSTAT-6984	proteomics_stat	3781406	3781453	-	6	7	R.NILVVVPSHVFGVLR.Q	20
PSTAT-6985	proteomics_stat	3781454	3781540	-	6	3	R.CNAAFPLDVPFPDTHLHLESDLATALAASR.N	33
PSTAT-6986	proteomics_stat	3781538	3781606	-	6	21	R.NGHEVVLWGHDPHEIATLERDRC.N	27
PSTAT-6987	proteomics_stat	3781687	3781791	-	5	43	R.GTFPQLNLAPVNFDAFMNYLQQQAGEGTEEHQDA.-	39
PSTAT-6988	proteomics_stat	3781969	3782028	-	5	2	K.LDLDTASSQLADDVYEVVLR.V	24
PSTAT-6989	proteomics_stat	3782050	3782094	-	5	7	K.DISFEAPNAPHVFQK.D	19
PSTAT-6990	proteomics_stat	3782346	3782390	-	4	3	K.GVSFQELPIDGNAAK.R	19
PSTAT-6991	proteomics_stat	3782439	3782462	-	4	2	M.ANVEIYTK.E	12
PSTAT-6992	proteomics_stat	3782616	3782660	-	4	3	K.EGVAGWAGENLPLVR.G	19
PSTAT-6993	proteomics_stat	3782661	3782690	-	4	3	K.AGFAQVFLK.E	14
PSTAT-6994	proteomics_stat	3782691	3782759	-	4	4	K.DKPVIVVDGSGMQCQEPANALTK.A	27
PSTAT-6995	proteomics_stat	3782691	3782765	-	4	5	K.HKDKPVIVVDGSGMQCQEPANALTK.A	29
PSTAT-6996	proteomics_stat	3782793	3782837	-	4	19	K.GHIAGSINLLPSEIK.A	19
PSTAT-6997	proteomics_stat	3782793	3782840	-	4	8	R.KGHIAGSINLLPSEIK.A	20
PSTAT-6998	proteomics_stat	3782859	3782897	-	4	8	R.LINKEDAVVVDLR.Q	17
PSTAT-6999	proteomics_stat	3788595	3788627	-	4	4	R.TMLDTMNHGGR.I	15
PSTAT-7000	proteomics_stat	3789276	3789350	-	4	5	K.LKAEEGIWMTDVVPPELGHNDLLIK.I	29
PSTAT-7001	proteomics_stat	3789429	3789470	-	4	3	R.TQMSSAAHTPEQITR.A	18
PSTAT-7002	proteomics_stat	3789555	3789644	-	4	3	R.EQMSSAAGFTLAGADHAIIPVMLGDAVVAQK.F	34
PSTAT-7003	proteomics_stat	3789714	3789773	-	4	8	R.SRPYLFNSLAPAIVAASIK.V	24
PSTAT-7004	proteomics_stat	3789873	3789905	-	4	3	R.GSHEYCDVMGR.V	15
PSTAT-7005	proteomics_stat	3790083	3790118	-	4	2	R.YANNDMQELEAR.L	16
PSTAT-7006	proteomics_stat	3790290	3790334	-	4	3	R.FICGTQDSHKELEQK.L	19
PSTAT-7007	proteomics_stat	3790524	3790568	-	4	2	R.GEFYQQLTNDLETAR.A	19
PSTAT-7008	proteomics_stat	3796289	3796324	-	6	3	K.DIDTETLTNSVK.R	16
PSTAT-7009	proteomics_stat	3796361	3796408	-	6	3	R.TPEYPSHLIWSPNHHK.S	20
PSTAT-7010	proteomics_stat	3798662	3798715	-	6	2	K.VRNEGLNTLNDFYLLAER.K	22
PSTAT-7011	proteomics_stat	3799126	3799167	-	5	2	K.IALENSPWKDDSPR.D	18
PSTAT-7012	proteomics_stat	3800152	3800193	-	5	3	K.NTALLKPNNNSQLR.Y	18
PSTAT-7013	proteomics_stat	3801603	3801662	-	4	2	K.DSVIPAPEGETATFIYVGR.M	24
PSTAT-7014	proteomics_stat	3805963	3806046	-	5	3	K.IDMLLYQDTIPIILSENPEINALYGISNK.G	32
PSTAT-7015	proteomics_stat	3806069	3806122	-	6	3	K.DAISWGYVINYSCHQYQA.A	22
PSTAT-7016	proteomics_stat	3809309	3809329	-	6	7	K.KFDPVVR.Q	11
PSTAT-7017	proteomics_stat	3809366	3809404	-	6	5	V.SSAGTGHFYTTTK.N	17
PSTAT-7018	proteomics_stat	3809366	3809407	-	6	5	L.VSSAGTGHFYTTTK.N	18
PSTAT-7019	proteomics_stat	3809366	3809410	-	6	98	K.LVSSAGTGHFYTTTK.N	19

PSTAT-7020	proteomics_stat	3809366	3809413	-	6	2	I.KLVSSAGTGHFYTTTK.N	20
PSTAT-7021	proteomics_stat	3809366	3809416	-	6	4	K.IKLVSSAGTGHFYTTTK.N	21
PSTAT-7022	proteomics_stat	3809482	3809511	-	5	5	K.GIDTVLAELR.A	14
PSTAT-7023	proteomics_stat	3809482	3809514	-	5	2	K.KGIDTVLAELR.A	15
PSTAT-7024	proteomics_stat	3809563	3809586	-	5	9	R.FWVESEKR.F	12
PSTAT-7025	proteomics_stat	3809563	3809589	-	5	3	H.RFWVESEKR.F	13
PSTAT-7026	proteomics_stat	3809566	3809586	-	5	2	R.FWVESEK.R	11
PSTAT-7027	proteomics_stat	3809587	3809613	-	5	2	R.FLPNLHSHR.F	13
PSTAT-7028	proteomics_stat	3813276	3813314	-	4	5	R.GRGEISAIQEVER.D	17
PSTAT-7029	proteomics_stat	3813435	3813482	-	4	4	K.DHGEGGNLVGSALQGR.V	20
PSTAT-7030	proteomics_stat	3813660	3813704	-	4	7	R.KSPYFFNAGLFNTGR.D	19
PSTAT-7031	proteomics_stat	3837243	3837281	-	4	3	K.EFLQSYQSPEVAK.A	17
PSTAT-7032	proteomics_stat	3837243	3837299	-	4	2	K.NAENVKEFLQSYQSPEVAK.A	23
PSTAT-7033	proteomics_stat	3837243	3837311	-	4	2	R.EDNKNAENVKEFLQSYQSPEVAK.A	27
PSTAT-7034	proteomics_stat	3837312	3837344	-	4	2	K.NSPYVNILVAR.E	15
PSTAT-7035	proteomics_stat	3837447	3837488	-	4	19	R.HLQIMELEGAQLPR.V	18
PSTAT-7036	proteomics_stat	3837582	3837629	-	4	5	K.EGATVAIPNDPTNLGR.A	20
PSTAT-7037	proteomics_stat	3837657	3837707	-	4	8	K.LVAVGNTFVFPMAGYSK.K	21
PSTAT-7038	proteomics_stat	3837861	3837911	-	4	4	K.VGVINGAEQDVAEVAK.V	21
PSTAT-7039	proteomics_stat	3837864	3837911	-	4	6	K.VGVINGAEQDVAEVAK.K	20
PSTAT-7040	proteomics_stat	3837864	3837914	-	4	2	I.KGVINGAEQDVAEVAK.K	21
PSTAT-7041	proteomics_stat	3848462	3848536	-	6	2	K.GMATIMLSVHSDPALVEQALNAGAR.G	29
PSTAT-7042	proteomics_stat	3848846	3848875	-	6	3	R.NQSDPTMFNK.I	14
PSTAT-7043	proteomics_stat	3848885	3848932	-	6	10	R.LEQMISQIDKLEDVVK.V	20
PSTAT-7044	proteomics_stat	3848933	3848968	-	6	9	K.SHIWLLVNDQQR.L	16
PSTAT-7045	proteomics_stat	3848969	3849022	-	6	6	R.RAFNVEGILCLPIQDSK.S	22
PSTAT-7046	proteomics_stat	3849023	3849067	-	6	3	R.NHPGVMTHVCGLFAR.R	19
PSTAT-7047	proteomics_stat	3849068	3849115	-	6	18	A.MQNTTHDNVILELTVR.N	20
PSTAT-7048	proteomics_stat	3849497	3849583	-	6	13	R.QWLTSGGLGTMGFGLPAAIGAALANPDRK.V	33
PSTAT-7049	proteomics_stat	3849500	3849583	-	6	6	R.QWLTSGGLGTMGFGLPAAIGAALANPDR.K	32
PSTAT-7050	proteomics_stat	3849743	3849778	-	6	13	R.AEWHQLVADLQR.E	16
PSTAT-7051	proteomics_stat	3849779	3849847	-	6	5	H.VAIQADVDDVLAQLIPLVEAQPR.A	27
PSTAT-7052	proteomics_stat	3849779	3849856	-	6	5	K.QPHVAIQADVDDVLAQLIPLVEAQPR.A	30
PSTAT-7053	proteomics_stat	3849779	3849862	-	6	75	K.IKQPHVAIQADVDDVLAQLIPLVEAQPR.A	32
PSTAT-7054	proteomics_stat	3849863	3849901	-	6	6	K.IIHVDIDRAELGK.I	17
PSTAT-7055	proteomics_stat	3849878	3849901	-	6	4	K.IIHVDIDR.A	12
PSTAT-7056	proteomics_stat	3849902	3849928	-	6	3	K.TEQFCPNAK.I	13
PSTAT-7057	proteomics_stat	3849953	3850006	-	6	29	R.STNYILQEADLLIVLGAR.F	22
PSTAT-7058	proteomics_stat	3850007	3850051	-	6	8	K.AHPLSLGMLGMHGVR.S	19
PSTAT-7059	proteomics_stat	3850052	3850102	-	6	12	K.AQLPTTMTLMALGMLPK.A	21
PSTAT-7060	proteomics_stat	3850124	3850171	-	6	24	K.RPVLYLGGGVINAPAR.V	20
PSTAT-7061	proteomics_stat	3850172	3850201	-	6	6	R.DAAAMINAAK.R	14
PSTAT-7062	proteomics_stat	3850172	3850237	-	6	3	K.AAAPAFSEESIRDAAAMINAAK.R	26
PSTAT-7063	proteomics_stat	3850202	3850237	-	6	3	K.AAAPAFSEESIR.D	16
PSTAT-7064	proteomics_stat	3850238	3850291	-	6	3	K.DVQTAVFEIETQPAMAEK.A	22
PSTAT-7065	proteomics_stat	3850238	3850321	-	6	2	R.PGPVWIDIPKDVQTAVFEIETQPAMAEK.A	32

PSTAT-7066	proteomics_stat	3850238	3850339	-	6	7	R.IAQSGRPGPVWIDIPKDVQTAVFEIETQPAMAЕК.A	38
PSTAT-7067	proteomics_stat	3850292	3850339	-	6	4	R.IAQSGRPGPVWIDIPK.D	20
PSTAT-7068	proteomics_stat	3850340	3850381	-	6	9	R.HIEELPQVMSDAFR.I	18
PSTAT-7069	proteomics_stat	3850400	3850510	-	6	7	R.LDSIPLICITGQVPASMIGTDAFQEVDTYGISIPITK.H	41
PSTAT-7070	proteomics_stat	3850592	3850633	-	6	9	R.HEQGAGFIAQGMAR.T	18
PSTAT-7071	proteomics_stat	3850649	3850720	-	6	5	K.IVTGIPGGSIIPVYDALSQSTQIR.H	28
PSTAT-7072	proteomics_stat	3850721	3850771	-	6	39	R.FTGAEFIVHFLEQQGIK.I	21
PSTAT-7073	proteomics_stat	3865077	3865121	-	4	4	R.GANLVNGLLYIDLER.V	19
PSTAT-7074	proteomics_stat	3865122	3865154	-	4	4	R.KFQLAENIHVR.G	15
PSTAT-7075	proteomics_stat	3865227	3865301	-	4	200	R.IAIVAGFAESELEITAQDNLLVVK.G	29
PSTAT-7076	proteomics_stat	3865302	3865391	-	4	9	R.LFNHLENNQSQSNGGYPPYNVELVDENHYR.I	34
PSTAT-7077	proteomics_stat	3866886	3866927	-	4	2	R.GGSHVHVFPNGER.V	18
PSTAT-7078	proteomics_stat	3867084	3867128	-	4	4	R.ASQGAHVGVVTVHPK.S	19
PSTAT-7079	proteomics_stat	3870740	3870799	-	6	3	R.GGPILMSAIAGIDQALWDIK.G	24
PSTAT-7080	proteomics_stat	3872662	3872739	-	5	18	R.YHEAVLQSVHNPVLQQLSIAISSLQR.A	30
PSTAT-7081	proteomics_stat	3874694	3874747	-	6	3	K.AADGSTVAQTALSYYDYR.F	22
PSTAT-7082	proteomics_stat	3874748	3874810	-	6	3	K.ELHMEQPGDYCITYNGALVQK.A	25
PSTAT-7083	proteomics_stat	3875108	3875191	-	6	6	K.IIDALSPQGEVSPQANNDLLSAGMELLK.G	32
PSTAT-7084	proteomics_stat	3875192	3875245	-	6	5	K.LGVDTSTASSLLAEQLPK.I	22
PSTAT-7085	proteomics_stat	3875749	3875778	-	5	4	R.RAFIEENALK.A	14
PSTAT-7086	proteomics_stat	3875779	3875838	-	5	8	K.DAIAADQLFTTLMGDAVEPR.R	24
PSTAT-7087	proteomics_stat	3875863	3875922	-	5	2	K.GLGEMNPEQLWETTM DPESR.R	24
PSTAT-7088	proteomics_stat	3875863	3875928	-	5	2	R.YKGLGEMNPEQLWETTM DPESR.R	26
PSTAT-7089	proteomics_stat	3875959	3876006	-	5	25	R.RQPVASFEQALDWLVK.E	20
PSTAT-7090	proteomics_stat	3876076	3876141	-	5	6	R.THGVDTDYPLDHEFITGGEYRR.I	26
PSTAT-7091	proteomics_stat	3876079	3876141	-	5	7	R.THGVDTDYPLDHEFITGGEYR.R	25
PSTAT-7092	proteomics_stat	3876148	3876198	-	5	4	K.FDVHTNAEQNLFEPIVR.V	21
PSTAT-7093	proteomics_stat	3876199	3876258	-	5	7	R.WVNALVSELNDKEQHGSQWK.F	24
PSTAT-7094	proteomics_stat	3876259	3876321	-	5	8	K.ELIYQPTLTEADLSDEQTVTR.W	25
PSTAT-7095	proteomics_stat	3876367	3876396	-	5	2	K.LVSEYNATQK.M	14
PSTAT-7096	proteomics_stat	3876529	3876636	-	5	2	D.GSHIRTLTLTFFYRQMPEIVERGHVYIAQPPLYKVK.K	40
PSTAT-7097	proteomics_stat	3876535	3876570	-	5	16	R.GHVYIAQPPLYK.V	16
PSTAT-7098	proteomics_stat	3876676	3876762	-	5	4	K.MLSSQEVATLITALGCGIGRDEYNPKLR.Y	33
PSTAT-7099	proteomics_stat	3876703	3876762	-	5	3	K.MLSSQEVATLITALGCGIGR.D	24
PSTAT-7100	proteomics_stat	3876844	3876924	-	5	4	K.LADCQERDPALSELYLVEGDSAGGSAK.Q	31
PSTAT-7101	proteomics_stat	3876925	3876963	-	5	2	R.RKGALDLA GLPGK.L	17
PSTAT-7102	proteomics_stat	3877036	3877104	-	5	6	K.SAVEQQMNELLA EYLL ENPTDAK.I	27
PSTAT-7103	proteomics_stat	3877105	3877131	-	5	6	K.DKLVSSEVK.S	13
PSTAT-7104	proteomics_stat	3877231	3877269	-	5	4	R.TLNAYMDKEGYSK.K	17
PSTAT-7105	proteomics_stat	3877285	3877314	-	5	4	R.DGGTHLAGFR.A	14
PSTAT-7106	proteomics_stat	3877474	3877515	-	5	6	R.DGKEDHFHYEGGIK.A	18
PSTAT-7107	proteomics_stat	3877531	3877566	-	5	2	R.ELSFLNSGV SIR.L	16
PSTAT-7108	proteomics_stat	3877657	3877716	-	5	5	R.QIYEHGVPQAPLAVTGETEK.T	24
PSTAT-7109	proteomics_stat	3877756	3877812	-	5	16	K.VSGGLHGVGVSVVNALSQK.L	23
PSTAT-7110	proteomics_stat	3877813	3877833	-	5	2	K.FDDNSYK.V	11
PSTAT-7111	proteomics_stat	3877834	3877914	-	5	32	R.GIPTGIHP EEGVSAAEVIMTVLHAGGK.F	31

PSTAT-7112	proteomics_stat	3879553	3879582	-	5	2	K.HLEAGCDLLK.Q	14
PSTAT-7113	proteomics_stat	3879640	3879672	-	5	3	R.AHVGDFIFTSK.L	15
PSTAT-7114	proteomics_stat	3879700	3879723	-	5	3	L.DGGDNPLR.V	12
PSTAT-7115	proteomics_stat	3879754	3879816	-	5	5	R.LAVCSMPIGQSLPSHSVIVPR.K	25
PSTAT-7116	proteomics_stat	3879841	3879888	-	5	4	R.YYLNGLMFETEGEELR.T	20
PSTAT-7117	proteomics_stat	3879937	3880029	-	5	2	R.FSLSTLPAADFPNLDDWQSEVEFTLPQATMK.R	35
PSTAT-7118	proteomics_stat	3880123	3880176	-	5	3	R.VALVQPHEPGATTVPARK.F	22
PSTAT-7119	proteomics_stat	3880126	3880176	-	5	6	R.VALVQPHEPGATTVPAR.K	21
PSTAT-7120	proteomics_stat	3881177	3881218	-	6	4	K.THLLHAVGNGIMAR.K	18
PSTAT-7121	proteomics_stat	3881618	3881716	-	6	2	R.LQDELPATEFMSWIRPLQAELSDNTLALYAPNR.F	37
PSTAT-7122	proteomics_stat	3904879	3904932	-	5	4	R.HVGGDELDKLLAGKDSK.-	22
PSTAT-7123	proteomics_stat	3904891	3904932	-	5	7	R.HVGGDELDKLLAGK.D	18
PSTAT-7124	proteomics_stat	3904906	3904932	-	5	2	R.HVGGDELDK.L	13
PSTAT-7125	proteomics_stat	3905083	3905115	-	5	11	K.KVDQEYEGIVR.Q	15
PSTAT-7126	proteomics_stat	3905203	3905253	-	5	10	K.FSQQHQPPLLVSLES�GR.H	21
PSTAT-7127	proteomics_stat	3905380	3905442	-	5	4	R.VIEGDKNVNMMVAIDEACVR.I	25
PSTAT-7128	proteomics_stat	3905446	3905535	-	5	5	R.TQVMTMGGMVEQQLSDAITAMHNQDSDLAK.R	34
PSTAT-7129	proteomics_stat	3905536	3905577	-	5	5	K.HISGQFNAELESIR.T	18
PSTAT-7130	proteomics_stat	3905817	3905891	-	4	4	R.GIAIRPEVLLLDEPCALDPISTGR.I	29
PSTAT-7131	proteomics_stat	3906042	3906113	-	4	3	K.VGMVFQKPTFPFMSIYDNIAFGVR.L	28
PSTAT-7132	proteomics_stat	3906120	3906188	-	4	3	R.AEGEILLDGDNILTNSQDIALLR.A	27
PSTAT-7133	proteomics_stat	3906243	3906284	-	4	2	K.NQVTAFIGPSGCGK.S	18
PSTAT-7134	proteomics_stat	3908266	3908349	-	5	2	K.LAALIVLLMLGGIIVSLIISWPSIQKF.G	32
PSTAT-7135	proteomics_stat	3908649	3908678	-	4	3	K.KPEQGTEVLK.F	14
PSTAT-7136	proteomics_stat	3908649	3908687	-	4	3	K.DQKKPEQGTEVLK.F	17
PSTAT-7137	proteomics_stat	3908787	3908849	-	4	4	K.LISADGKPVSPTEENFANAAG.G	25
PSTAT-7138	proteomics_stat	3908874	3908915	-	4	2	R.LPGAIGYVEYAYAK.Q	18
PSTAT-7139	proteomics_stat	3908973	3909020	-	4	5	K.VNEEWKNNVGTGSTVK.W	20
PSTAT-7140	proteomics_stat	3909072	3909101	-	4	2	K.LPSQNIIVVR.R	14
PSTAT-7141	proteomics_stat	3909180	3909206	-	4	2	K.SGELVLDGK.T	13
PSTAT-7142	proteomics_stat	3909345	3909398	-	4	4	K.ETGNKVNYQGIGSSGGVK.Q	22
PSTAT-7143	proteomics_stat	3909420	3909473	-	4	3	A.EASLTGAGATFPAPVYAK.W	22
PSTAT-7144	proteomics_stat	3909892	3909915	-	5	2	K.GTDVDQPR.N	12
PSTAT-7145	proteomics_stat	3910078	3910104	-	5	9	K.LKSNIIEVR.A	13
PSTAT-7146	proteomics_stat	3910105	3910179	-	5	10	K.HGPLALIDADMPVIVVAPNNELLEK.L	29
PSTAT-7147	proteomics_stat	3910180	3910227	-	5	3	K.EISYIHAEAYAAGELK.H	20
PSTAT-7148	proteomics_stat	3910180	3910233	-	5	31	K.LKEISYIHAEAYAAGELK.H	22
PSTAT-7149	proteomics_stat	3910234	3910272	-	5	2	R.GDQYPIALEGALK.L	17
PSTAT-7150	proteomics_stat	3910273	3910329	-	5	21	R.IEALAEDFSDKHHALFLGR.G	23
PSTAT-7151	proteomics_stat	3910330	3910359	-	5	8	R.IEQMLSQDKR.I	14
PSTAT-7152	proteomics_stat	3910333	3910359	-	5	2	R.IEQMLSQDKR	13
PSTAT-7153	proteomics_stat	3910360	3910419	-	5	9	K.GLDASIEHDIVHGLQALPSR.I	24
PSTAT-7154	proteomics_stat	3910360	3910425	-	5	5	R.LKGLDASIEHDIVHGLQALPSR.I	26
PSTAT-7155	proteomics_stat	3910480	3910539	-	5	3	R.ESDLALMTNAGTEIGVASTK.A	24
PSTAT-7156	proteomics_stat	3910540	3910599	-	5	6	K.ELGYLGSALICNVPGSSLVR.E	24
PSTAT-7157	proteomics_stat	3910609	3910671	-	5	8	R.NSLMITLSQSGETADTLAQLR.L	25

PSTAT-7158	proteomics_stat	3910696	3910755	-	5	4	R.YWFESLAGIPCDVEIASEFR.Y	24
PSTAT-7159	proteomics_stat	3910816	3910878	-	5	3	R.ISHGQVDLSELGPNADELLSK.V	25
PSTAT-7160	proteomics_stat	3910942	3910998	-	5	7	K.RQDIESNLQYDAGDKGIYR.H	23
PSTAT-7161	proteomics_stat	3910954	3910995	-	5	4	R.QDIESNLQYDAGDK.G	18
PSTAT-7162	proteomics_stat	3910954	3910998	-	5	8	K.RQDIESNLQYDAGDK.G	19
PSTAT-7163	proteomics_stat	3910999	3911037	-	5	4	R.SVNIFDKTGAEVK.R	17
PSTAT-7164	proteomics_stat	3911041	3911082	-	5	26	R.FIFLEEGDIAEITR.R	18
PSTAT-7165	proteomics_stat	3911041	3911085	-	5	3	R.RFIFLEEGDIAEITR.R	19
PSTAT-7166	proteomics_stat	3911086	3911169	-	5	76	R.SGSPLVIGLGMGENFIASDQLALLPVTR.R	32
PSTAT-7167	proteomics_stat	3911170	3911196	-	5	8	R.HPDTLLAAR.S	13
PSTAT-7168	proteomics_stat	3911197	3911229	-	5	2	R.GAYGTVIMDSR.H	15
PSTAT-7169	proteomics_stat	3911470	3911538	-	5	10	K.VQMLAQAAEEHPLHGGTGIAHTR.W	27
PSTAT-7170	proteomics_stat	3911557	3911610	-	5	14	R.GYDSAGLAVVDAEGHMTR.L	22
PSTAT-7171	proteomics_stat	3911626	3911658	-	5	3	R.DVAEILLEGLR.R	15
PSTAT-7172	proteomics_stat	3911659	3911688	-	5	3	M.CGIVGAIQR.D	14
PSTAT-7173	proteomics_stat	3911973	3912041	-	4	4	K.TIIGDDVFGSDTQLVAPVTVGK.G	27
PSTAT-7174	proteomics_stat	3912171	3912230	-	4	14	R.LRPGAELLEGAHVGNFVEMK.K	24
PSTAT-7175	proteomics_stat	3912486	3912512	-	4	2	R.VYQSEQAEK.L	13
PSTAT-7176	proteomics_stat	3912537	3912566	-	4	2	R.LSEVEGVNNR.L	14
PSTAT-7177	proteomics_stat	3912567	3912593	-	4	8	R.EIVAVHPQR.L	13
PSTAT-7178	proteomics_stat	3912594	3912665	-	4	3	K.LTNNNAQGEYYITDIIALAYQEGR.E	28
PSTAT-7179	proteomics_stat	3912735	3912779	-	4	2	K.VTGIVEHKDATDEQR.Q	19
PSTAT-7180	proteomics_stat	3912801	3912827	-	4	5	K.LDDPTGYGR.I	13
PSTAT-7181	proteomics_stat	3912828	3912869	-	4	4	R.DAKPQGGIGLLTVK.L	18
PSTAT-7182	proteomics_stat	3913591	3913692	-	5	3	K.AEEHISSSHGDVDYAQASAELAKAIAQLRVIELT.K	38
PSTAT-7183	proteomics_stat	3913624	3913692	-	5	5	K.AEEHISSSHGDVDYAQASAELAK.A	27
PSTAT-7184	proteomics_stat	3913624	3913695	-	5	91	R.KAEEHISSSHGDVDYAQASAELAK.A	28
PSTAT-7185	proteomics_stat	3913624	3913698	-	5	4	K.RKAEEHISSSHGDVDYAQASAELAK.A	29
PSTAT-7186	proteomics_stat	3913714	3913737	-	5	2	R.GQDLDEAR.A	12
PSTAT-7187	proteomics_stat	3913840	3913926	-	5	29	K.IQVTGSEGELGIYPGHAPLLTAIKPGMIR.I	33
PSTAT-7188	proteomics_stat	3913927	3913992	-	5	25	M.AMTYHLDVVSAEQMFGSLVEK.I	26
PSTAT-7189	proteomics_stat	3914031	3914111	-	4	174	K.GIMEGEYDHLPEQAFYMVGSIEEAVEK.A	31
PSTAT-7190	proteomics_stat	3914031	3914150	-	4	4	G.KYVSLKDTIRGFKGIMEGEYDHLPEQAFYMVGSIEEAVEK.A	44
PSTAT-7191	proteomics_stat	3914121	3914147	-	4	8	K.YVSLKDTIR.G	13
PSTAT-7192	proteomics_stat	3914148	3914198	-	4	3	F.LSQPFFVAEVFTGSPGK.Y	21
PSTAT-7193	proteomics_stat	3914148	3914201	-	4	102	R.FLSQPFFVAEVFTGSPGK.Y	22
PSTAT-7194	proteomics_stat	3914148	3914204	-	4	2	Q.RFLSQPFFVAEVFTGSPGK.Y	23
PSTAT-7195	proteomics_stat	3914148	3914225	-	4	40	V.ARARKIQRFLSQPFFVAEVFTGSPGK.Y	30
PSTAT-7196	proteomics_stat	3914220	3914282	-	4	81	K.DIIAILGMDELSEEDKLVVAR.A	25
PSTAT-7197	proteomics_stat	3914220	3914297	-	4	95	R.YQELKDIIAILGMDELSEEDKLVVAR.A	30
PSTAT-7198	proteomics_stat	3914235	3914282	-	4	3	K.DIIAILGMDELSEEDK.L	20
PSTAT-7199	proteomics_stat	3914298	3914321	-	4	6	R.GVQSILQR.Y	12
PSTAT-7200	proteomics_stat	3914322	3914369	-	4	8	R.QLDPLVVGQEHYDTAR.G	20
PSTAT-7201	proteomics_stat	3914322	3914372	-	4	3	S.RQLDPLVVGQEHYDTAR.G	21
PSTAT-7202	proteomics_stat	3914370	3914423	-	4	2	Q.IASLGIYPAVDPLDSTSR.Q	22
PSTAT-7203	proteomics_stat	3914370	3914426	-	4	9	R.QIASLGIYPAVDPLDSTSR.Q	23

PSTAT-7204	proteomics_stat	3914427	3914537	-	4	177	K.TGSITSVQAVYVPADDLTDPSPATTF AHL DATVVLSR.Q	41
PSTAT-7205	proteomics_stat	3914478	3914552	-	4	5	R.ITSTKTGSITSVQAVYVPADDLTDP.S	29
PSTAT-7206	proteomics_stat	3914553	3914612	-	4	2	M.PSAVGYQPTLAEEMGVLQER.I	24
PSTAT-7207	proteomics_stat	3914553	3914615	-	4	16	R.MPSAVGYQPTLAEEMGVLQER.I	25
PSTAT-7208	proteomics_stat	3914616	3914657	-	4	8	R.YTLAGTEVSALLGR.M	18
PSTAT-7209	proteomics_stat	3914658	3914690	-	4	19	R.DVLLFVDNIYR.Y	15
PSTAT-7210	proteomics_stat	3914658	3914702	-	4	2	R.DEGRDVLLFVDNIYR.Y	19
PSTAT-7211	proteomics_stat	3914658	3914708	-	4	37	K.FRDEGRDVLLFVDNIYR.Y	21
PSTAT-7212	proteomics_stat	3914709	3914741	-	4	14	R.VALTGLTMAEK.F	15
PSTAT-7213	proteomics_stat	3914748	3914792	-	4	12	K.VSLVYGQMNEPPG NR.L	19
PSTAT-7214	proteomics_stat	3914748	3914843	-	4	6	R.EGNDFYHEMTDSNVIDK VSLVYGQMNEPPG NR.L	36
PSTAT-7215	proteomics_stat	3914748	3914849	-	4	12	R.TREGNDFYHEMTDSNVIDK VSLVYGQMNEPPG NR.L	38
PSTAT-7216	proteomics_stat	3914793	3914843	-	4	6	R.EGNDFYHEMTDSNVIDK.V	21
PSTAT-7217	proteomics_stat	3914793	3914849	-	4	14	R.TREGNDFYHEMTDSNVIDK.V	23
PSTAT-7218	proteomics_stat	3914850	3914897	-	4	3	I.AIEHSGYSVFAGVGER.T	20
PSTAT-7219	proteomics_stat	3914850	3914900	-	4	2	N.IAIEHSGYSVFAGVGER.T	21
PSTAT-7220	proteomics_stat	3914850	3914903	-	4	220	R.NIAIEHSGYSVFAGVGER.T	22
PSTAT-7221	proteomics_stat	3914904	3914930	-	4	2	K.TVNMELIR.N	13
PSTAT-7222	proteomics_stat	3914931	3914963	-	4	11	K.VGLFGGAGVGK.T	15
PSTAT-7223	proteomics_stat	3914973	3915002	-	4	7	K.VIDL MCPF AK.G	14
PSTAT-7224	proteomics_stat	3915003	3915062	-	4	25	R.AAPSYEELSNSQELLE TG I K.V	24
PSTAT-7225	proteomics_stat	3915078	3915137	-	4	6	R.IMNVLGEPVDMKGEIGEEER.W	24
PSTAT-7226	proteomics_stat	3915102	3915137	-	4	4	R.IMNVLGEPVDMK.G	16
PSTAT-7227	proteomics_stat	3915153	3915188	-	4	12	K.DLEHPIEVPVGK.A	16
PSTAT-7228	proteomics_stat	3915153	3915203	-	4	5	R.GLDVKDLEHPIEVPVGK.A	21
PSTAT-7229	proteomics_stat	3915207	3915239	-	4	2	R.TIAMGSSDGLR.R	15
PSTAT-7230	proteomics_stat	3915240	3915281	-	4	2	L.VLEVQQQLGGGIVR.T	18
PSTAT-7231	proteomics_stat	3915240	3915284	-	4	71	R.LVLEVQQQLGGGIVR.T	19
PSTAT-7232	proteomics_stat	3915285	3915317	-	4	5	Y.DALEVQNGNER.L	15
PSTAT-7233	proteomics_stat	3915285	3915320	-	4	3	V.YDALEVQNGNER.L	16
PSTAT-7234	proteomics_stat	3915285	3915323	-	4	14	R.VYDALEVQNGNER.L	17
PSTAT-7235	proteomics_stat	3915324	3915383	-	4	57	K.IVQVIGAVVDVEFPQDAVPR.V	24
PSTAT-7236	proteomics_stat	3915488	3915511	-	6	4	K.ELQLVYNK.A	12
PSTAT-7237	proteomics_stat	3915560	3915622	-	6	10	R.YVESQVYQG VVENLASEQAAR.M	25
PSTAT-7238	proteomics_stat	3915560	3915625	-	6	9	R.RYVESQVYQG VVENLASEQAAR.M	26
PSTAT-7239	proteomics_stat	3915650	3915682	-	6	4	K.SWDYLYEPDPK.A	15
PSTAT-7240	proteomics_stat	3915683	3915766	-	6	4	K.FINTMSQVPTISQLLPLASDDDD LKHK.S	32
PSTAT-7241	proteomics_stat	3915683	3915769	-	6	5	N.KFINTMSQVPTISQLLPLASDDDD LKHK.S	33
PSTAT-7242	proteomics_stat	3915689	3915766	-	6	2	K.FINTMSQVPTISQLLPLASDDDD LK.H	30
PSTAT-7243	proteomics_stat	3915788	3915826	-	6	9	K.VMLQAYDEGR LDK.L	17
PSTAT-7244	proteomics_stat	3915827	3915925	-	6	84	K.GVSFFNSVGGNVVAQVTGMGDNPSLSELIGPVK.V	37
PSTAT-7245	proteomics_stat	3915926	3915961	-	6	2	K.GVQC DLAMIGSK.G	16
PSTAT-7246	proteomics_stat	3915926	3915976	-	6	2	K.TWTDKGVQC DLAMIGSK.G	21
PSTAT-7247	proteomics_stat	3915998	3916033	-	6	2	R.GLCGGLNINLFK.K	16
PSTAT-7248	proteomics_stat	3916034	3916063	-	6	2	R.VGYLVVSTDR.G	14
PSTAT-7249	proteomics_stat	3916034	3916066	-	6	3	K.RVGYLVVSTDR.G	15

PSTAT-7250	proteomics_stat	3916097	3916135	-	6	9	K.VIGHLAHGNLEYK.H	17
PSTAT-7251	proteomics_stat	3916139	3916171	-	6	4	M.AASRPYAETMR.K	15
PSTAT-7252	proteomics_stat	3916139	3916174	-	6	5	R.MAASRPYAETMR.K	16
PSTAT-7253	proteomics_stat	3916196	3916222	-	6	4	K.AMEMVAASK.M	13
PSTAT-7254	proteomics_stat	3916357	3916383	-	5	4	K.LKGILDSFK.A	13
PSTAT-7255	proteomics_stat	3916384	3916449	-	5	11	R.DHAPLMQEINQTGGYNDEIEGK.L	26
PSTAT-7256	proteomics_stat	3916384	3916491	-	5	21	K.IGSFEAALLAYVDRDHAPLMQEINQTGGYNDEIEGK.L	40
PSTAT-7257	proteomics_stat	3916450	3916491	-	5	12	K.IGSFEAALLAYVDR.D	18
PSTAT-7258	proteomics_stat	3916492	3916521	-	5	5	R.GYLADVLSK.I	14
PSTAT-7259	proteomics_stat	3916522	3916563	-	5	2	M.SVAQQSLVLF AAER.G	18
PSTAT-7260	proteomics_stat	3916522	3916578	-	5	72	K.QYAPMSVAQQSLVLF AAER.G	23
PSTAT-7261	proteomics_stat	3916522	3916584	-	5	19	K.QKQYAPMSVAQQSLVLF AAER.G	25
PSTAT-7262	proteomics_stat	3916624	3916677	-	5	14	R.ELAAFSQFASDLDDATR.K	22
PSTAT-7263	proteomics_stat	3916627	3916674	-	5	2	E.LAAFSQFASDLDDATR.K	20
PSTAT-7264	proteomics_stat	3916627	3916677	-	5	19	R.ELAAFSQFASDLDDATR.K	21
PSTAT-7265	proteomics_stat	3916753	3916785	-	5	2	R.PAVNPGISVSR.V	15
PSTAT-7266	proteomics_stat	3916927	3916971	-	5	11	R.VNAEYVEAFTKGEVK.G	19
PSTAT-7267	proteomics_stat	3916939	3916971	-	5	6	R.VNAEYVEAFTK.G	15
PSTAT-7268	proteomics_stat	3916993	3917031	-	5	11	R.EAFP GDVFYLHSR.L	17
PSTAT-7269	proteomics_stat	3917086	3917130	-	5	34	R.DRGEDALIIYDDL SK.Q	19
PSTAT-7270	proteomics_stat	3917131	3917250	-	5	5	R.KLEEHGALANTIVVVATASES AALQYLAPYAGCAMGEYFR.D	44
PSTAT-7271	proteomics_stat	3917248	3917277	-	5	2	K.ASTISNVVRK.L	14
PSTAT-7272	proteomics_stat	3917278	3917304	-	5	3	K.CIYVAIGQK.A	13
PSTAT-7273	proteomics_stat	3917320	3917355	-	5	10	K.TALAI DAIINQR.D	16
PSTAT-7274	proteomics_stat	3917398	3917427	-	5	6	K.AVDSMIPIGR.G	14
PSTAT-7275	proteomics_stat	3917428	3917463	-	5	16	R.QSVDQPVQTGYK.A	16
PSTAT-7276	proteomics_stat	3917464	3917526	-	5	19	K.GPLDHDGFS AVEAIAPGVIER.Q	25
PSTAT-7277	proteomics_stat	3917527	3917562	-	5	14	R.VVNTLGAPIDGK.G	16
PSTAT-7278	proteomics_stat	3917620	3917676	-	5	24	R.DSVGAVVMG PYADLAEGMK.V	23
PSTAT-7279	proteomics_stat	3917677	3917703	-	5	8	R.YAIALNLER.D	13
PSTAT-7280	proteomics_stat	3917704	3917757	-	5	2	I.HGLADCMQGEMISLP GNR.Y	22
PSTAT-7281	proteomics_stat	3917704	3917760	-	5	18	R.IHGLADCMQGEMISLP GNR.Y	23
PSTAT-7282	proteomics_stat	3917761	3917835	-	5	80	R.IAQFN VVSEAHNEG TIVSVSDGVIR.I	29
PSTAT-7283	proteomics_stat	3917842	3917880	-	5	12	S.MQLNSTEISELIK.Q	17
PSTAT-7284	proteomics_stat	3917932	3917964	-	5	2	R.AGDMVIDG SVR.G	15
PSTAT-7285	proteomics_stat	3917965	3917991	-	5	2	K.SVMAGVIIR.A	13
PSTAT-7286	proteomics_stat	3918031	3918054	-	5	2	K.ISAAMEKR.L	12
PSTAT-7287	proteomics_stat	3918055	3918126	-	5	6	R.AVSEATAEVD VISAAALSEQQLAK.I	28
PSTAT-7288	proteomics_stat	3918127	3918171	-	5	14	R.LNALPDVLEQFIHLR.A	19
PSTAT-7289	proteomics_stat	3918193	3918267	-	5	4	A.PETLAESFIAVCGEQLDENGQNLIR.V	29
PSTAT-7290	proteomics_stat	3918193	3918306	-	5	5	K.NEQMAELLSGALAPETLAESFIAVCGEQLDENGQNLIR.V	42
PSTAT-7291	proteomics_stat	3918307	3918345	-	5	6	R.WQDMLAFAAEVTK.N	17
PSTAT-7292	proteomics_stat	3918346	3918387	-	5	7	K.AAFDFAVEHQSV ER.W	18
PSTAT-7293	proteomics_stat	3918388	3918423	-	5	7	M.SEFITVARPYAK.A	16
PSTAT-7294	proteomics_stat	3918444	3918497	-	4	8	R.SVDEAANS DIVDKLVAEL.-	22
PSTAT-7295	proteomics_stat	3918459	3918497	-	4	14	R.SVDEAANS DIVDK.L	17

PSTAT-7296	proteomics_stat	3918510	3918545	-	4	9	K.QVAILAVAGAEK.I	16
PSTAT-7297	proteomics_stat	3918510	3918548	-	4	12	R.KQVAILAVAGAEK.I	17
PSTAT-7298	proteomics_stat	3918570	3918611	-	4	2	K.IVAQAQAEIEAERK.R	18
PSTAT-7299	proteomics_stat	3918573	3918611	-	4	17	K.IVAQAQAEIEAER.K	17
PSTAT-7300	proteomics_stat	3918618	3918662	-	4	10	R.SQILDEAKAEAEQER.T	19
PSTAT-7301	proteomics_stat	3918618	3918665	-	4	4	R.RSQILDEAKAEAEQER.T	20
PSTAT-7302	proteomics_stat	3918666	3918704	-	4	5	K.AEAQVIIIEQANKR.R	17
PSTAT-7303	proteomics_stat	3918669	3918704	-	4	6	K.AEAQVIIIEQANK.R	16
PSTAT-7304	proteomics_stat	3918669	3918710	-	4	29	K.AKAEAQVIIIEQANK.R	18
PSTAT-7305	proteomics_stat	3918711	3918734	-	4	2	A.SATDQLKK.A	12
PSTAT-7306	proteomics_stat	3918711	3918737	-	4	9	K.ASATDQLKK.A	13
PSTAT-7307	proteomics_stat	3918714	3918740	-	4	2	A.KASATDQLK.K	13
PSTAT-7308	proteomics_stat	3918738	3918764	-	4	5	R.AHKDLDLAK.A	13
PSTAT-7309	proteomics_stat	3918765	3918797	-	4	4	K.EIADGLASAER.A	15
PSTAT-7310	proteomics_stat	3918765	3918803	-	4	17	R.QKEIADGLASAER.A	17
PSTAT-7311	proteomics_stat	3920003	3920071	-	6	17	M.ASENMTPQDYIGHHLNQLDLR.T	27
PSTAT-7312	proteomics_stat	3921335	3921385	-	6	4	R.QVQHELKLENIEPVQSR.V	21
PSTAT-7313	proteomics_stat	3921500	3921547	-	6	3	R.HILDSIVVAPYLQGER.F	20
PSTAT-7314	proteomics_stat	3922388	3922441	-	6	2	R.SQAYLGVLVDDLCTLGK.E	22
PSTAT-7315	proteomics_stat	3922604	3922651	-	6	3	K.IVRPGYAIEYDFDPR.D	20
PSTAT-7316	proteomics_stat	3923489	3923575	-	6	2	R.MGQQTLLLTHNIDTLGQMSCNPAIGGIGK.G	33
PSTAT-7317	proteomics_stat	3924038	3924112	-	6	11	K.INILDHDIPEDPAEEWLGSWVNLK.-	29
PSTAT-7318	proteomics_stat	3924149	3924199	-	6	3	R.EYDTFCGAIDKLEAELK.N	21
PSTAT-7319	proteomics_stat	3928118	3928150	-	6	2	R.HLQLQQQSDK.T	15
PSTAT-7320	proteomics_stat	3928475	3928555	-	6	3	R.SMLTSQQDENDNPVPDALQVTDEEYER.W	31
PSTAT-7321	proteomics_stat	3928607	3928672	-	6	4	R.LLVAASNELPEADSSLEALYDR.M	26
PSTAT-7322	proteomics_stat	3928715	3928762	-	6	4	K.AGPAILNTLLTAINER.Q	20
PSTAT-7323	proteomics_stat	3939198	3939275	-	4	5	R.ILKGEYEPGTILPGEIELGEQFGVSR.T	30
PSTAT-7324	proteomics_stat	3939315	3939347	-	4	2	M.PLSAQQLAAQK.N	15
PSTAT-7325	proteomics_stat	3945754	3945801	-	5	4	K.LLPPYAETLMSTWQAAR.K	20
PSTAT-7326	proteomics_stat	3957573	3957644	-	4	3	K.VVFSCPVLEPTGPLHTQFGYHIIK.V	28
PSTAT-7327	proteomics_stat	3957798	3957827	-	4	3	K.TAAALHILVK.E	14
PSTAT-7328	proteomics_stat	3961851	3961898	-	4	2	R.LIYQGVHAHTTGADQR.L	20
PSTAT-7329	proteomics_stat	3962460	3962504	-	4	2	K.YNPDALMTDLPKPLR.L	19
PSTAT-7330	proteomics_stat	3962505	3962606	-	4	13	R.AGASGHSISLACEEYALNLPAIETYIGHHSIPVSK.Y	38
PSTAT-7331	proteomics_stat	3962625	3962699	-	4	12	R.GLHIPAVTHVFNLDLPDDCEDYVHR.I	29
PSTAT-7332	proteomics_stat	3962880	3962918	-	4	2	R.LLQTLIEEWPDR.A	17
PSTAT-7333	proteomics_stat	3962925	3962963	-	4	5	R.IKEELFYPSNEEK.M	17
PSTAT-7334	proteomics_stat	3963147	3963203	-	4	4	K.QNHINLGAIQVVVLDEADR.M	23
PSTAT-7335	proteomics_stat	3963312	3963371	-	4	2	R.ELAVQIHADAEPLEATGLK.L	24
PSTAT-7336	proteomics_stat	3963414	3963476	-	4	4	K.TMAFLTSTFHLLSHPAIADR.K	25
PSTAT-7337	proteomics_stat	3963477	3963512	-	4	8	R.DVAGQAQTGTGK.T	16
PSTAT-7338	proteomics_stat	3963513	3963572	-	4	9	K.GFHNCTPIQALALPLTLAGR.D	24
PSTAT-7339	proteomics_stat	3963513	3963575	-	4	3	K.KGFHNCTPIQALALPLTLAGR.D	25
PSTAT-7340	proteomics_stat	3963597	3963623	-	4	3	K.FSDFALHPK.V	13
PSTAT-7341	proteomics_stat	3964473	3964544	-	4	9	K.NNVLLTHTSQVFQPHIFAESDQLR.N	28

PSTAT-7342	proteomics_stat	3984787	3984837	-	5	2	K.QRPDAYDYAWLADALDR.L	21
PSTAT-7343	proteomics_stat	3984850	3984885	-	5	4	K.HGEWQEASLAFR.A	16
PSTAT-7344	proteomics_stat	3984886	3984939	-	5	4	K.NVGDRPLLWSTLGQSLMK.H	22
PSTAT-7345	proteomics_stat	3984961	3984993	-	5	4	R.LKTNPEQLEK.V	15
PSTAT-7346	proteomics_stat	3985159	3985185	-	5	3	R.ADNGSEGLR.N	13
PSTAT-7347	proteomics_stat	3985186	3985233	-	5	3	R.AMLEQQAWIGLMDQAR.A	20
PSTAT-7348	proteomics_stat	3985261	3985308	-	5	4	R.TGAWSSLLDIIPSMK.A	20
PSTAT-7349	proteomics_stat	3985429	3985476	-	5	3	R.AAELAGNDTIPVEITR.V	20
PSTAT-7350	proteomics_stat	3985513	3985578	-	5	3	K.NADHAEQPVVNYLLAAEAAQQR.G	26
PSTAT-7351	proteomics_stat	3985911	3986003	-	4	11	R.NLLAQAAGTTEAKPAPAPQADTPAAAPQGE.-	35
PSTAT-7352	proteomics_stat	3986025	3986114	-	4	7	K.AFLDEVDSLQSQNISMIDLPELQSQAMLEK.L	34
PSTAT-7353	proteomics_stat	3986115	3986147	-	4	5	R.AYYDTPDDATTK.A	15
PSTAT-7354	proteomics_stat	3986250	3986300	-	4	3	R.DDTAVPLLAPNQDIYLR.E	21
PSTAT-7355	proteomics_stat	3986250	3986306	-	4	4	R.RRDDTAVPLLAPNQDIYLR.E	23
PSTAT-7356	proteomics_stat	3986361	3986438	-	4	7	R.LADNDSGSPMDSGGEELSSSISEWR.I	30
PSTAT-7357	proteomics_stat	3986439	3986474	-	4	2	K.LNQLSNQVDNLR.L	16
PSTAT-7358	proteomics_stat	3986601	3986648	-	4	4	R.KLWSDQDVTAAALLK.S	20
PSTAT-7359	proteomics_stat	3986697	3986726	-	4	2	K.VATISGSDAK.T	14
PSTAT-7360	proteomics_stat	3986805	3986846	-	4	2	K.AQESQKAELEGIK.Q	18
PSTAT-7361	proteomics_stat	3987000	3987044	-	4	2	R.EAVDTSQPVATEKK.S	19
PSTAT-7362	proteomics_stat	3987003	3987044	-	4	7	R.EAVDTSQPVATEK.K	18
PSTAT-7363	proteomics_stat	3987798	3987848	-	4	2	M.SILVTRPSPAGEELVSR.L	21
PSTAT-7364	proteomics_stat	3987890	3987958	-	6	4	R.GAPQDAEQMGISLAEELLNNGAR.E	27
PSTAT-7365	proteomics_stat	3987890	3987961	-	6	5	R.RGAPQDAEQMGISLAEELLNNGAR.E	28
PSTAT-7366	proteomics_stat	3988109	3988150	-	6	4	R.ELLAALNHHETALR.V	18
PSTAT-7367	proteomics_stat	3988265	3988315	-	6	3	K.LDNGEYDAIILAVAGLK.R	21
PSTAT-7368	proteomics_stat	3988397	3988474	-	6	6	R.DAFVSNNYDSLALPAGSIVGTSSLR.R	30
PSTAT-7369	proteomics_stat	3988487	3988540	-	6	3	K.DVPVEFPQGLGLVTICER.E	22
PSTAT-7370	proteomics_stat	3988541	3988567	-	6	5	R.ADIADVHSMK.D	13
PSTAT-7371	proteomics_stat	3988658	3988711	-	6	3	K.LMASHPGLVVELVPMVTR.G	22
PSTAT-7372	proteomics_stat	3991765	3991836	-	5	4	R.SGETFWDLLEQAATQQAGETVSFR.-	28
PSTAT-7373	proteomics_stat	4002442	4002471	-	5	7	R.HETISEDEL.R.Q	14
PSTAT-7374	proteomics_stat	4002586	4002618	-	5	3	R.YEKEFAQLAFK.N	15
PSTAT-7375	proteomics_stat	4013422	4013517	-	5	6	K.AEIIVYPDAGHAFNADYRPSYHAASAEDGWQR.M	36
PSTAT-7376	proteomics_stat	4013545	4013643	-	5	4	K.QPVDIATDLNAPILGLYGGQDNSIPQESVETMR.Q	37
PSTAT-7377	proteomics_stat	4013701	4013739	-	5	5	R.ITWLYAAHNPQLK.A	17
PSTAT-7378	proteomics_stat	4013794	4013850	-	5	6	K.VPDSQVLADLDHVASWASR.N	23
PSTAT-7379	proteomics_stat	4013851	4013910	-	5	6	R.EGDPNDFADIPTLLSGLVAK.V	24
PSTAT-7380	proteomics_stat	4013911	4013958	-	5	5	R.LALEGYLAIAPELYFR.E	20
PSTAT-7381	proteomics_stat	4013974	4014042	-	5	2	K.QSDGPLPVVIVVQEIFGVHEHIR.D	27
PSTAT-7382	proteomics_stat	4022500	4022538	-	5	5	K.DIVDPATPYPGDK.V	17
PSTAT-7383	proteomics_stat	4022539	4022604	-	5	6	R.FGASPAIVPSAVIHQLSVYKPK.D	26
PSTAT-7384	proteomics_stat	4022626	4022715	-	5	2	R.TAVSEPLFPNYLFEVFDPEVIHTTTINATR.G	34
PSTAT-7385	proteomics_stat	4025743	4025802	-	5	10	K.INLNGGAIALGHPLGCSGAR.I	24
PSTAT-7386	proteomics_stat	4025803	4025835	-	5	5	K.DLGLIEQIDEK.I	15
PSTAT-7387	proteomics_stat	4025929	4025991	-	5	3	R.SMAVVGCDPSIMGYGPVPASK.L	25

PSTAT-7388	proteomics_stat	4026190	4026237	-	5	2	K.NEIPTGGHDADGVLK.Q	20
PSTAT-7389	proteomics_stat	4026238	4026270	-	5	2	R.AWAATQSAAF.K.N	15
PSTAT-7390	proteomics_stat	4026328	4026369	-	5	2	K.AAGMMGLTAEMLAR.M	18
PSTAT-7391	proteomics_stat	4026487	4026528	-	5	3	R.LCGSSMQALHDAAR.M	18
PSTAT-7392	proteomics_stat	4026529	4026585	-	5	7	R.NAALLAEVPHSVPAVTVNR.L	23
PSTAT-7393	proteomics_stat	4026586	4026672	-	5	4	R.NPALEAAALDDIYWGCVQQTLEQGFNIAR.N	33
PSTAT-7394	proteomics_stat	4026688	4026717	-	5	5	R.AEDLSAHLMR.S	14
PSTAT-7395	proteomics_stat	4026814	4026870	-	5	7	R.HNEPYPPVEPARPVGDLK.T	23
PSTAT-7396	proteomics_stat	4026883	4026948	-	5	4	K.YLDMAQQYQHLGPLYEVPEGLR.N	26
PSTAT-7397	proteomics_stat	4026976	4027071	-	5	4	R.CLEEGIIATPAEADMALVYGLGFPPFHGGAFR.W	36
PSTAT-7398	proteomics_stat	4027105	4027137	-	5	3	K.RDFSEEEIAR.M	15
PSTAT-7399	proteomics_stat	4027138	4027191	-	5	2	K.KEEDAAVEDLLAEVSQPK.R	22
PSTAT-7400	proteomics_stat	4027255	4027287	-	5	2	R.DAIDALFDANR.F	15
PSTAT-7401	proteomics_stat	4027450	4027491	-	5	4	R.VLFPYFAGFSQLLR.D	18
PSTAT-7402	proteomics_stat	4027492	4027536	-	5	4	K.TPIVVNDPCPGFFVNR.V	19
PSTAT-7403	proteomics_stat	4027600	4027623	-	5	2	R.MPLVEIIR.G	12
PSTAT-7404	proteomics_stat	4027624	4027737	-	5	3	R.QDTVLASNTSTIPISELANALERPENFCGMHFFNPVHR.M	42
PSTAT-7405	proteomics_stat	4027744	4027770	-	5	3	K.AVLAETE.QK.V	13
PSTAT-7406	proteomics_stat	4027744	4027773	-	5	4	K.KAVLAETE.QK.V	14
PSTAT-7407	proteomics_stat	4027990	4028052	-	5	3	K.QAAVLGAGIMGGGIAYQSAWK.G	25
PSTAT-7408	proteomics_stat	4028095	4028133	-	5	2	R.ALVGIFLNDQYVK.G	17
PSTAT-7409	proteomics_stat	4028134	4028169	-	5	5	K.SFVPLAHTNEAR.A	16
PSTAT-7410	proteomics_stat	4028170	4028205	-	5	6	R.FGREEALNLENK.S	16
PSTAT-7411	proteomics_stat	4028257	4028283	-	5	7	K.GMVAQTAGK.H	13
PSTAT-7412	proteomics_stat	4028428	4028454	-	5	2	K.IGLVDGVVK.A	13
PSTAT-7413	proteomics_stat	4028455	4028481	-	5	5	K.DVGADQALK.I	13
PSTAT-7414	proteomics_stat	4028836	4028904	-	5	3	K.LDTATVASLGEAIGVLEQQSDLK.G	27
PSTAT-7415	proteomics_stat	4039456	4039497	-	5	3	K.DAFVNVNTPPELAR.W	18
PSTAT-7416	proteomics_stat	4039498	4039536	-	5	3	R.LAGGHAVDFSDHK.D	17
PSTAT-7417	proteomics_stat	4039822	4039854	-	5	4	R.HQEIQASGLK.V	15
PSTAT-7418	proteomics_stat	4048510	4048563	-	5	2	R.LVDLPGYGYAEVPEEMKR.K	22
PSTAT-7419	proteomics_stat	4048564	4048605	-	5	5	R.TQLINLFEVADGKR.L	18
PSTAT-7420	proteomics_stat	4048639	4048671	-	5	4	K.SSALNTLTNQK.S	15
PSTAT-7421	proteomics_stat	4048687	4048731	-	5	4	R.HLPSDTGIEVAFAGR.S	19
PSTAT-7422	proteomics_stat	4048732	4048785	-	5	6	L.TNLNYQQTHFVMSAPDIR.H	22
PSTAT-7423	proteomics_stat	4052009	4052056	-	6	2	R.SGHQNLLSEAQPELER.T	20
PSTAT-7424	proteomics_stat	4052252	4052287	-	6	5	K.LLHPETEALTR.L	16
PSTAT-7425	proteomics_stat	4052915	4052950	-	6	6	R.AISHYQEQQPR.N	16
PSTAT-7426	proteomics_stat	4053970	4054014	-	5	3	R.LSQEQLQHAQQVAAR.D	19
PSTAT-7427	proteomics_stat	4054651	4054692	-	5	10	R.MTPHPVEFELYYSV.-	18
PSTAT-7428	proteomics_stat	4054717	4054767	-	5	269	K.AGGVFTDEAIDAYIALR.R	21
PSTAT-7429	proteomics_stat	4054768	4054815	-	5	2	S.LEEALNELDLNLDREFLK.A	20
PSTAT-7430	proteomics_stat	4054768	4054833	-	5	2	I.PQVAGSLEEALNELDLNLDREFLK.A	26
PSTAT-7431	proteomics_stat	4054768	4054839	-	5	15	K.EIPQVAGSLEEALNELDLNLDREFLK.A	28
PSTAT-7432	proteomics_stat	4054768	4054872	-	5	5	K.NLYDLPPEEAKEIPQVAGSLEEALNELDLNLDREFLK.A	39
PSTAT-7433	proteomics_stat	4054780	4054872	-	5	2	K.NLYDLPPEEAKEIPQVAGSLEEALNELDLNLDREFLK.E	35

PSTAT-7434	proteomics_stat	4054840	4054899	-	5	10	K.IHPGEAMDKNLYDLPPEEAK.E	24
PSTAT-7435	proteomics_stat	4054900	4054977	-	5	10	R.FPDPAANPYLCFAALLMAGLDGIKNK.I	30
PSTAT-7436	proteomics_stat	4054906	4054977	-	5	18	R.FPDPAANPYLCFAALLMAGLDGIKN.N	28
PSTAT-7437	proteomics_stat	4054999	4055022	-	5	3	R.IPVVSSPK.A	12
PSTAT-7438	proteomics_stat	4055044	4055088	-	5	3	L.VPGYEAPVMLAYSAR.N	19
PSTAT-7439	proteomics_stat	4055044	4055091	-	5	6	R.LVPGYEAPVMLAYSAR.N	20
PSTAT-7440	proteomics_stat	4055092	4055136	-	5	13	K.AINALANPTTNSYKR.L	19
PSTAT-7441	proteomics_stat	4055095	4055136	-	5	14	K.AINALANPTTNSYK.R	18
PSTAT-7442	proteomics_stat	4055146	4055193	-	5	2	Y.AGLSEQALYYIGGVK.H	20
PSTAT-7443	proteomics_stat	4055146	4055196	-	5	85	K.YAGLSEQALYYIGGVK.H	21
PSTAT-7444	proteomics_stat	4055146	4055226	-	5	300	K.NGVNLFAGDKYAGLSEQALYYIGGVK.H	31
PSTAT-7445	proteomics_stat	4055197	4055226	-	5	4	K.NGVNLFAGDK.Y	14
PSTAT-7446	proteomics_stat	4055227	4055280	-	5	6	K.PMFGDNGSGMHCHMSLSK.N	22
PSTAT-7447	proteomics_stat	4055338	4055361	-	5	3	K.ADEIQIYK.Y	12
PSTAT-7448	proteomics_stat	4055338	4055364	-	5	9	K.KADEIQIYK.Y	13
PSTAT-7449	proteomics_stat	4055383	4055427	-	5	3	H.HHEVATAGQNEVATR.F	19
PSTAT-7450	proteomics_stat	4055383	4055478	-	5	4	R.SEMCLVMEQMGLVVEAHHHEVATAGQNEVATR.F	36
PSTAT-7451	proteomics_stat	4055479	4055526	-	5	16	K.GGYFPVPPVDSAQDIR.S	20
PSTAT-7452	proteomics_stat	4055527	4055637	-	5	7	R.FGSSISGSHVAIDIEGAWNSSTQYEGGNKGHRPAVK.G	41
PSTAT-7453	proteomics_stat	4055548	4055637	-	5	27	R.FGSSISGSHVAIDIEGAWNSSTQYEGGNK.G	34
PSTAT-7454	proteomics_stat	4055638	4055679	-	5	2	L.FGPEPEFFLFDDIR.F	18
PSTAT-7455	proteomics_stat	4055638	4055706	-	5	123	R.STGIADTVLFGPEPEFFLFDDIR.F	27
PSTAT-7456	proteomics_stat	4055707	4055727	-	5	5	K.RAEDYLR.S	11
PSTAT-7457	proteomics_stat	4055791	4055850	-	5	15	M.PDASTAVIDPFFADSTLIIR.C	24
PSTAT-7458	proteomics_stat	4055791	4055853	-	5	2	L.MPDASTAVIDPFFADSTLIIR.C	25
PSTAT-7459	proteomics_stat	4055791	4055880	-	5	116	K.GINESDMVMPDASTAVIDPFFADSTLIIR.C	34
PSTAT-7460	proteomics_stat	4055881	4055910	-	5	5	M.FDGSSIGGWK.G	14
PSTAT-7461	proteomics_stat	4055881	4055913	-	5	4	K.MFDGSSIGGWK.G	15
PSTAT-7462	proteomics_stat	4055914	4055973	-	5	16	K.EQHVTIPAHQVNAEFFEFGK.M	24
PSTAT-7463	proteomics_stat	4055914	4055979	-	5	39	K.GKEQHVTIPAHQVNAEFFEFGK.M	26
PSTAT-7464	proteomics_stat	4056010	4056051	-	5	5	S.AEHVLTMLNEHEVK.F	18
PSTAT-7465	proteomics_stat	4056010	4056054	-	5	38	M.SAEHVLTMLNEHEVK.F	19
PSTAT-7466	proteomics_stat	4080558	4080614	-	4	2	R.DTVGNNGVYDNPNDLSAK.S	23
PSTAT-7467	proteomics_stat	4081056	4081100	-	4	2	L.QPEQFVEIGESLANK.L	19
PSTAT-7468	proteomics_stat	4081056	4081124	-	4	2	K.HALLNAILQPEQFVEIGESLANK.L	27
PSTAT-7469	proteomics_stat	4083375	4083422	-	4	2	R.DANYIAQNAEGVTVNR.W	20
PSTAT-7470	proteomics_stat	4102009	4102071	-	5	2	K.ANQLWSEVLDNAAFEAEQMGK.S	25
PSTAT-7471	proteomics_stat	4103079	4103108	-	4	6	R.AIDMHISNLR.R	14
PSTAT-7472	proteomics_stat	4103130	4103159	-	4	5	R.EHLSQEVLGK.R	14
PSTAT-7473	proteomics_stat	4103259	4103342	-	4	7	R.SHWSEQQNNNDNGSPTLEVDALVLNPGR.Q	32
PSTAT-7474	proteomics_stat	4103379	4103435	-	4	5	R.VLGLELGADDYLKPFNDR.E	23
PSTAT-7475	proteomics_stat	4103454	4103492	-	4	7	R.QTHQTPVIMLTAR.G	17
PSTAT-7476	proteomics_stat	4103502	4103525	-	4	6	K.KNGIDTLK.A	12
PSTAT-7477	proteomics_stat	4103640	4103684	-	4	4	K.ILLVDDDRELTSLK.E	19
PSTAT-7478	proteomics_stat	4108790	4108816	-	6	4	K.ADAFAVIVK.A	13
PSTAT-7479	proteomics_stat	4108817	4108942	-	6	23	K.VDANIAEQVIIQYGGSVNASNAELFAQPDIDGALVGGASLK.A	46

PSTAT-7480	proteomics_stat	4108967	4108993	-	6	4	T.PAQAVHK.F	13
PSTAT-7481	proteomics_stat	4108967	4108996	-	6	4	A.TPAQAVHK.F	14
PSTAT-7482	proteomics_stat	4108967	4109002	-	6	23	K.SATPAQAVHK.F	16
PSTAT-7483	proteomics_stat	4108970	4109002	-	6	3	K.SATPAQAVH.K	15
PSTAT-7484	proteomics_stat	4109003	4109074	-	6	53	K.TQGAAAFEGAVIAYEPVWAIGTGK.S	28
PSTAT-7485	proteomics_stat	4109117	4109179	-	6	3	K.EQGLTPVLCIGETEAEAGK.T	25
PSTAT-7486	proteomics_stat	4109195	4109221	-	6	3	K.ESEDELIKK.F	13
PSTAT-7487	proteomics_stat	4109195	4109233	-	6	4	R.TYHKESDELIKK.F	17
PSTAT-7488	proteomics_stat	4109237	4109278	-	6	17	K.DIGAQYIIIGHSER.R	18
PSTAT-7489	proteomics_stat	4109279	4109374	-	6	199	R.EAEGSHIMLGAQNVDLNLSGAFTGETSAAMLK.D	36
PSTAT-7490	proteomics_stat	4109279	4109377	-	6	2	K.REAEGSHIMLGAQNVDLNLSGAFTGETSAAMLK.D	37
PSTAT-7491	proteomics_stat	4109375	4109446	-	6	6	K.ELAGVAGCAVAIAPPEMYIDMAKR.E	28
PSTAT-7492	proteomics_stat	4109378	4109446	-	6	10	K.ELAGVAGCAVAIAPPEMYIDMAK.R	27
PSTAT-7493	proteomics_stat	4109450	4109482	-	6	15	R.HMVHELVSNLK.K	15
PSTAT-7494	proteomics_stat	4111839	4111883	-	4	2	K.ETSHVMLCGNPQMVR.D	19
PSTAT-7495	proteomics_stat	4112016	4112063	-	4	2	R.YAADLSYLPLMQELEK.R	20
PSTAT-7496	proteomics_stat	4112274	4112345	-	4	3	R.AYSYVNSPDNDLEFYLVTVPDQK.L	28
PSTAT-7497	proteomics_stat	4112382	4112462	-	4	3	K.VQNWTDALFSLTVHAPVLPFTAGQFTK.L	31
PSTAT-7498	proteomics_stat	4113063	4113104	-	4	2	R.HDAVIAEMQQLGVR.V	18
PSTAT-7499	proteomics_stat	4113105	4113170	-	4	5	R.NVAAALGKPLSELTVTILAKPR.H	26
PSTAT-7500	proteomics_stat	4113806	4113838	-	6	4	R.EFRPGIETTER.N	15
PSTAT-7501	proteomics_stat	4113854	4113934	-	6	13	R.EVTALGAAYLAGLAVGFQNLDELQEK.A	31
PSTAT-7502	proteomics_stat	4113956	4114021	-	6	11	R.VDGGAVANNFLMQFQSDILGTR.V	26
PSTAT-7503	proteomics_stat	4114037	4114075	-	6	4	R.DVLEAMQADSGIR.L	17
PSTAT-7504	proteomics_stat	4114076	4114108	-	6	3	R.ATLESIAQTR.D	15
PSTAT-7505	proteomics_stat	4114160	4114237	-	6	3	K.VQNTNGVYVPAFTGLGAPYWDPYAR.G	30
PSTAT-7506	proteomics_stat	4114238	4114279	-	6	4	K.LINDAYDSEYFATK.V	18
PSTAT-7507	proteomics_stat	4114409	4114456	-	6	4	K.NTYGTGCFMLMNTGEK.A	20
PSTAT-7508	proteomics_stat	4114472	4114534	-	6	3	R.IPISGIAGDQQAALFGQLCVK.E	25
PSTAT-7509	proteomics_stat	4114547	4114585	-	6	4	R.SSEVYGQTNIGGK.G	17
PSTAT-7510	proteomics_stat	4114547	4114588	-	6	5	R.RSSEVYGQTNIGGK.G	18
PSTAT-7511	proteomics_stat	4114637	4114678	-	6	5	R.TMLFNIHTLDWDDK.M	18
PSTAT-7512	proteomics_stat	4114679	4114711	-	6	8	R.VHVTDYTNASR.T	15
PSTAT-7513	proteomics_stat	4114787	4114813	-	6	6	W.ILDHVEGSR.E	13
PSTAT-7514	proteomics_stat	4114787	4114816	-	6	2	K.WILDHVEGSR.E	14
PSTAT-7515	proteomics_stat	4114868	4114891	-	6	4	R.DGLEDYIR.S	12
PSTAT-7516	proteomics_stat	4114925	4114969	-	6	3	K.ETGKPIYNAIVWQCR.R	19
PSTAT-7517	proteomics_stat	4114994	4115044	-	6	7	K.ADISSDQIAAIGITNQR.E	21
PSTAT-7518	proteomics_stat	4115144	4115191	-	6	4	R.AVVMHDANIISVSQR.E	20
PSTAT-7519	proteomics_stat	4116871	4116963	-	5	5	R.VNFGGVTFFSGDHLYADNTGIILSEDPLDIE.-	35
PSTAT-7520	proteomics_stat	4116964	4117017	-	5	4	M.AAIPVGAAGEGIGESDVR.V	22
PSTAT-7521	proteomics_stat	4116964	4117062	-	5	2	R.QVDDLEELDIGIQAMAAIPVGAAGEGIGESDVR.V	37
PSTAT-7522	proteomics_stat	4117063	4117113	-	5	28	R.LAVQNEWEGLYIYGAVR.Q	21
PSTAT-7523	proteomics_stat	4117114	4117140	-	5	4	R.ALVDAELAR.L	13
PSTAT-7524	proteomics_stat	4117183	4117233	-	5	2	K.CFEDNGLLYDLLEQNGR.G	21
PSTAT-7525	proteomics_stat	4117267	4117347	-	5	8	K.YDTSELCDIYQEDVNVVEPLFSNFGGR.A	31

PSTAT-7526	proteomics_stat	4117267	4117353	-	5	23	P.MKYDTSELCDIYQEDVNVVEPLFSNFGGR.A	33
PSTAT-7527	proteomics_stat	4118451	4118483	-	4	2	L.DALVADEDLSR.F	15
PSTAT-7528	proteomics_stat	4118451	4118489	-	4	8	K.HLDALVADEDLSR.F	17
PSTAT-7529	proteomics_stat	4118490	4118567	-	4	2	R.LMEEISYDASDLGQNTIDADYVSK.H	30
PSTAT-7530	proteomics_stat	4118592	4118645	-	4	4	R.IAEAAWQVNESTENIGAR.R	22
PSTAT-7531	proteomics_stat	4118703	4118744	-	4	4	R.ILTEPNASITVQYK.A	18
PSTAT-7532	proteomics_stat	4118745	4118783	-	4	2	R.VELQALTTSDFER.I	17
PSTAT-7533	proteomics_stat	4118745	4118795	-	4	3	R.LPIRVELQALTTSDFER.I	21
PSTAT-7534	proteomics_stat	4118796	4118876	-	4	26	K.TDHILFIASGAFQIAKPSDLIPELQGR.L	31
PSTAT-7535	proteomics_stat	4118892	4118933	-	4	8	R.DLLPLVEGCTVSTK.H	18
PSTAT-7536	proteomics_stat	4118949	4118981	-	4	12	K.RGESSGPDVSR.E	15
PSTAT-7537	proteomics_stat	4118982	4119050	-	4	8	K.QDAIDAVEQHGIVFIDEIDKICK.R	27
PSTAT-7538	proteomics_stat	4118982	4119074	-	4	4	K.LVNPEELKQDAIDAVEQHGIVFIDEIDKICK.R	35
PSTAT-7539	proteomics_stat	4118991	4119050	-	4	3	K.QDAIDAVEQHGIVFIDEIDK.I	24
PSTAT-7540	proteomics_stat	4118991	4119074	-	4	5	K.LVNPEELKQDAIDAVEQHGIVFIDEIDK.I	32
PSTAT-7541	proteomics_stat	4119075	4119101	-	4	3	K.LLIEEEAAK.L	13
PSTAT-7542	proteomics_stat	4119303	4119350	-	4	5	K.NNWGQTEQQQEPSAAR.Q	20
PSTAT-7543	proteomics_stat	4119351	4119380	-	4	2	R.ILDVLIPPAK.N	14
PSTAT-7544	proteomics_stat	4119381	4119410	-	4	9	R.YRAEELAEER.I	14
PSTAT-7545	proteomics_stat	4119444	4119467	-	4	3	R.DLTDAAVK.M	12
PSTAT-7546	proteomics_stat	4119531	4119554	-	4	3	K.LANAPFIK.V	12
PSTAT-7547	proteomics_stat	4119582	4119617	-	4	5	K.NILMIGPTGVGK.T	16
PSTAT-7548	proteomics_stat	4119618	4119659	-	4	4	R.MQLNEELRHEVTPK.N	18
PSTAT-7549	proteomics_stat	4119696	4119725	-	4	2	K.HIIGQDNAKR.S	14
PSTAT-7550	proteomics_stat	4119696	4119749	-	4	7	R.EIVSELDKHIIGQDNAKR.S	22
PSTAT-7551	proteomics_stat	4119699	4119725	-	4	7	K.HIIGQDNAK.R	13
PSTAT-7552	proteomics_stat	4119699	4119749	-	4	5	R.EIVSELDKHIIGQDNAK.R	21
PSTAT-7553	proteomics_stat	4120224	4120283	-	4	16	R.NGHVVIAGDGQATLGNTVMK.G	24
PSTAT-7554	proteomics_stat	4120454	4120486	-	6	5	K.GKENADSTLNR.L	15
PSTAT-7555	proteomics_stat	4120637	4120669	-	6	2	R.AADAPKPTAEK.K	15
PSTAT-7556	proteomics_stat	4120775	4120810	-	6	2	R.TSQAAPVQAQPR.Q	16
PSTAT-7557	proteomics_stat	4120862	4120891	-	6	3	R.QAQQLAEQQR.L	14
PSTAT-7558	proteomics_stat	4121036	4121071	-	6	2	R.APTEPSAGGEVK.T	16
PSTAT-7559	proteomics_stat	4121117	4121155	-	6	5	K.VTGNGLPPKPEER.W	17
PSTAT-7560	proteomics_stat	4122441	4122467	-	4	2	K.KQETAATMK.D	13
PSTAT-7561	proteomics_stat	4124792	4124830	-	6	2	M.PVAHVALPVPLPR.T	17
PSTAT-7562	proteomics_stat	4126149	4126175	-	4	2	R.SDEIPEAAK.E	13
PSTAT-7563	proteomics_stat	4126149	4126181	-	4	2	K.ERSDEIPEAAK.E	15
PSTAT-7564	proteomics_stat	4126182	4126268	-	4	25	R.HATNSELLCEAFLHAFTGQPLPDDADLRK.E	33
PSTAT-7565	proteomics_stat	4126185	4126268	-	4	22	R.HATNSELLCEAFLHAFTGQPLPDDADLR.K	32
PSTAT-7566	proteomics_stat	4126221	4126268	-	4	4	R.HATNSELLCEAFLHAF.T	20
PSTAT-7567	proteomics_stat	4126323	4126349	-	4	2	K.KITVSIPLK.V	13
PSTAT-7568	proteomics_stat	4126365	4126415	-	4	9	M.AEWSGEYISPYAEHGKK.S	21
PSTAT-7569	proteomics_stat	4135549	4135599	-	5	2	T.VVQIQANTNLAIDGAR.Q	21
PSTAT-7570	proteomics_stat	4136363	4136410	-	6	2	K.AMLAAEQHVVTPALER.V	20
PSTAT-7571	proteomics_stat	4136519	4136569	-	6	7	R.LLAAGIGDALATWFEAR.A	21

PSTAT-7572	proteomics_stat	4136774	4136827	-	6	3	R.GIAETAQCAGAILGIGGGK.T	22
PSTAT-7573	proteomics_stat	4136834	4136899	-	6	4	K.DAGLVVEIAPFGGECSEQNEIDR.L	26
PSTAT-7574	proteomics_stat	4136999	4137028	-	6	2	K.YIQGADVIR.L	14
PSTAT-7575	proteomics_stat	4137354	4137428	-	4	4	K.EGITTLGTAVYSAAQGLLAALAGAK.Y	29
PSTAT-7576	proteomics_stat	4146750	4146773	-	4	3	R.DFSQDVDR.K	12
PSTAT-7577	proteomics_stat	4146795	4146836	-	4	7	R.HMYTIPFLLWTSEK.W	18
PSTAT-7578	proteomics_stat	4147143	4147202	-	4	3	R.EYDTNVLKPFEVLNDPAPK.K	24
PSTAT-7579	proteomics_stat	4147218	4147253	-	4	3	R.QTDKQYMNQQR.T	16
PSTAT-7580	proteomics_stat	4147281	4147319	-	4	5	K.TFWITNQQTMTAR.N	17
PSTAT-7581	proteomics_stat	4147671	4147721	-	4	4	R.MEPAAPWQFLTGYQYR.Q	21
PSTAT-7582	proteomics_stat	4148482	4148532	-	5	65	R.VEQALMVTIAGIAAGMR.N	21
PSTAT-7583	proteomics_stat	4148575	4148625	-	5	19	R.NIYTDPLNVLQAEELLHR.S	21
PSTAT-7584	proteomics_stat	4148626	4148700	-	5	151	K.VVLAIANDSLHMLADLPWIAESIQLR.N	29
PSTAT-7585	proteomics_stat	4148701	4148724	-	5	3	R.NLQEEDIK.V	12
PSTAT-7586	proteomics_stat	4148767	4148802	-	5	5	K.ADLWLAEYDQR.L	16
PSTAT-7587	proteomics_stat	4148803	4148832	-	5	3	R.LGMLEMVFAK.A	14
PSTAT-7588	proteomics_stat	4148857	4148883	-	5	2	K.QSELEAMCR.D	13
PSTAT-7589	proteomics_stat	4148857	4148901	-	5	8	K.VVEDGKQSELEAMCR.D	19
PSTAT-7590	proteomics_stat	4148902	4148946	-	5	11	R.LMLPAWLGAGTALQK.V	19
PSTAT-7591	proteomics_stat	4148947	4148982	-	5	10	R.AIPWIFAWTQNR.L	16
PSTAT-7592	proteomics_stat	4149016	4149072	-	5	17	R.SATPEQELGKPLGSRPAK.R	23
PSTAT-7593	proteomics_stat	4149025	4149072	-	5	5	R.SATPEQELGKPLGSR.P	20
PSTAT-7594	proteomics_stat	4149073	4149102	-	5	4	R.ENKDFVPYFR.S	14
PSTAT-7595	proteomics_stat	4149115	4149150	-	5	2	M.DELSVISCDVYR.G	16
PSTAT-7596	proteomics_stat	4149115	4149156	-	5	8	R.IMDELSVISCDVYR.G	18
PSTAT-7597	proteomics_stat	4149115	4149159	-	5	2	R.RIMDELSVISCDVYR.G	19
PSTAT-7598	proteomics_stat	4149268	4149294	-	5	3	R.VTEQGEMIR.F	13
PSTAT-7599	proteomics_stat	4149307	4149360	-	5	27	R.GGAPAHAAALLSQPPGSLK.G	22
PSTAT-7600	proteomics_stat	4149379	4149408	-	5	2	A.GIELTLFHGR.G	14
PSTAT-7601	proteomics_stat	4149379	4149411	-	5	16	K.AGIELTLFHGR.G	15
PSTAT-7602	proteomics_stat	4149424	4149483	-	5	12	K.DAGVMAASWAQYQAQDALIK.T	24
PSTAT-7603	proteomics_stat	4149484	4149519	-	5	2	K.QMVMIGYSDSAK.D	16
PSTAT-7604	proteomics_stat	4149649	4149687	-	5	28	K.TPSDVLAVHLLK.E	17
PSTAT-7605	proteomics_stat	4149688	4149765	-	5	30	R.EVLDTQCQVIAEAPQGSIAAYVISMAK.T	30
PSTAT-7606	proteomics_stat	4149826	4149888	-	5	8	R.YLGIGDYESWSEADKQAF.LR.E	25
PSTAT-7607	proteomics_stat	4149835	4149888	-	5	2	R.YLGIGDYESWSEADKQAF.L	22
PSTAT-7608	proteomics_stat	4149889	4149918	-	5	17	R.HTEALGELTR.Y	14
PSTAT-7609	proteomics_stat	4150123	4150155	-	5	4	R.LMATQAWLEAR.L	15
PSTAT-7610	proteomics_stat	4150183	4150278	-	5	4	K.DIQVLVSELSMVEATPELLALVGEEGAAEPYR.Y	36
PSTAT-7611	proteomics_stat	4150327	4150362	-	5	17	R.DGNPNVTADITR.H	16
PSTAT-7612	proteomics_stat	4150327	4150389	-	5	4	R.FTSWMGGDRDGNPNVTADITR.H	25
PSTAT-7613	proteomics_stat	4150390	4150416	-	5	6	K.LPVEFVVR.F	13
PSTAT-7614	proteomics_stat	4150390	4150455	-	5	12	R.ELNEQLEENLGKLPVEFVVR.F	26
PSTAT-7615	proteomics_stat	4150417	4150455	-	5	8	R.ELNEQLEENLGK.L	17
PSTAT-7616	proteomics_stat	4150456	4150506	-	5	3	G.FAVVENSLWQGVPNYLR.E	21
PSTAT-7617	proteomics_stat	4150513	4150542	-	5	5	K.LRPSPVDEAK.W	14

PSTAT-7618	proteomics_stat	4150513	4150545	-	5	2	R.KLRPSPVDEAK.W	15
PSTAT-7619	proteomics_stat	4150543	4150584	-	5	13	R.QLIAQSWHTDEIRK.L	18
PSTAT-7620	proteomics_stat	4150546	4150584	-	5	2	R.QLIAQSWHTDEIR.K	17
PSTAT-7621	proteomics_stat	4150594	4150629	-	5	3	K.DIADYEHNQLMR.R	16
PSTAT-7622	proteomics_stat	4150594	4150644	-	5	8	K.QLDNKDIADYEHNQLMR.R	21
PSTAT-7623	proteomics_stat	4150690	4150749	-	5	2	K.AVESLSLELVLTAHPTEITR.R	24
PSTAT-7624	proteomics_stat	4150750	4150785	-	5	7	K.NQPELSEDTIKK.A	16
PSTAT-7625	proteomics_stat	4150750	4150791	-	5	11	K.LKNQPELSEDTIKK.A	18
PSTAT-7626	proteomics_stat	4150753	4150791	-	5	6	K.LKNQPELSEDTIK.K	17
PSTAT-7627	proteomics_stat	4150804	4150839	-	5	5	K.GEAASNPEVIAR.T	16
PSTAT-7628	proteomics_stat	4150840	4150902	-	5	15	R.AFSQFLNLANTAQYHSISPK.G	25
PSTAT-7629	proteomics_stat	4150903	4150962	-	5	8	R.QELLTTLQNLNSDELTPVAR.A	24
PSTAT-7630	proteomics_stat	4150903	4150983	-	5	8	R.AGNDANRQELLTTLQNLNSDELTPVAR.A	31
PSTAT-7631	proteomics_stat	4151020	4151049	-	5	3	K.DALGEHILER.V	14
PSTAT-7632	proteomics_stat	4151020	4151067	-	5	4	V.LGETIKDALGEHILER.V	20
PSTAT-7633	proteomics_stat	4151020	4151070	-	5	22	K.VLGETIKDALGEHILER.V	21
PSTAT-7634	proteomics_stat	4151023	4151070	-	5	2	K.VLGETIKDALGEHILE.R	20
PSTAT-7635	proteomics_stat	4151071	4151094	-	5	3	R.SNVSMGLK.V	12
PSTAT-7636	proteomics_stat	4151095	4151121	-	5	2	N.MNEQYSALR.S	13
PSTAT-7637	proteomics_stat	4151914	4151994	-	5	3	R.LTVDELHPPIPGYECPNHLVEVVEK.L	31
PSTAT-7638	proteomics_stat	4152007	4152078	-	5	20	R.PLPGMTLNLNGLLNDALAPVSR.W	28
PSTAT-7639	proteomics_stat	4152211	4152267	-	5	15	R.GVNAIELMHDAIGHILQLR.D	23
PSTAT-7640	proteomics_stat	4152268	4152306	-	5	12	R.IQQSGHSSDPAR.G	17
PSTAT-7641	proteomics_stat	4152340	4152414	-	5	3	R.YFAETTALRPDCAIIGEPTSLQPVR.A	29
PSTAT-7642	proteomics_stat	4152415	4152471	-	5	2	K.KPLYILATADEETSMAGAR.Y	23
PSTAT-7643	proteomics_stat	4152529	4152591	-	5	3	R.DPFTLTEHDGKLYGLGTADMK.G	25
PSTAT-7644	proteomics_stat	4152601	4152687	-	5	5	K.FNMLASIGQGAGGLLLAGHTDTPFDDGR.W	33
PSTAT-7645	proteomics_stat	4152601	4152693	-	5	14	R.NKFNMLASIGQGAGGLLLAGHTDTPFDDGR.W	35
PSTAT-7646	proteomics_stat	4152694	4152738	-	5	6	K.DLGFNVEVQVPVGR.N	19
PSTAT-7647	proteomics_stat	4152832	4152864	-	5	3	K.NKLPPFIEIYR.A	15
PSTAT-7648	proteomics_stat	4157521	4157565	-	5	4	R.AAEIIHIGQAIIMEQK.G	19
PSTAT-7649	proteomics_stat	4157731	4157808	-	5	5	K.GEATAHLIEDIPTGIYTIPEISSVGK.T	30
PSTAT-7650	proteomics_stat	4158001	4158036	-	5	2	K.LKADCLLYANGR.T	16
PSTAT-7651	proteomics_stat	4158049	4158108	-	5	7	R.HNEEYKIEGCDDGVIMHLK.S	24
PSTAT-7652	proteomics_stat	4158283	4158327	-	5	3	R.IYSDSILSMHHEPR.H	19
PSTAT-7653	proteomics_stat	4158460	4158492	-	5	2	R.NHCEILQGNAR.F	15
PSTAT-7654	proteomics_stat	4158517	4158573	-	5	4	R.SSFADILNHADNVINQQTR.M	23
PSTAT-7655	proteomics_stat	4158583	4158627	-	5	3	R.IIEFNQNPLYSDHSR.L	19
PSTAT-7656	proteomics_stat	4158652	4158702	-	5	3	R.YQNVGGGCTHWGTIPSK.A	21
PSTAT-7657	proteomics_stat	4158733	4158810	-	5	2	M.PHSYDYDAIVIGSGPGGEGAAMGLVK.Q	30
PSTAT-7658	proteomics_stat	4160388	4160426	-	4	2	K.SYQCETIFVDPGR.S	17
PSTAT-7659	proteomics_stat	4160460	4160501	-	4	5	R.MAAEEFTQAMNGVR.E	18
PSTAT-7660	proteomics_stat	4160502	4160591	-	4	2	R.VLATEIAKPSVAAAQYNIAANHIDNVQIIR.M	34
PSTAT-7661	proteomics_stat	4160670	4160747	-	4	2	R.QVENSFTQPNAAMNIQMLEWALDVTK.G	30
PSTAT-7662	proteomics_stat	4160829	4160861	-	4	5	R.AQNLNVHLIGR.A	15
PSTAT-7663	proteomics_stat	4161006	4161074	-	4	2	R.VDSFPAASELINQLMTAMIAGVR.N	27

PSTAT-7664	proteomics_stat	4161087	4161140	-	4	3	R.IWHDGDDLYHIIFDQQT.K.S	22
PSTAT-7665	proteomics_stat	4161180	4161230	-	4	7	R.LQSMMPFSDLVPEVFR.S	21
PSTAT-7666	proteomics_stat	4172111	4172140	-	6	5	K.SANHAVEEVR.L	14
PSTAT-7667	proteomics_stat	4172258	4172311	-	6	4	K.FREGAFTDPDSYFHNYAK.L	22
PSTAT-7668	proteomics_stat	4172639	4172692	-	6	10	R.RVELITTDGFLHPNQVLK.E	22
PSTAT-7669	proteomics_stat	4172792	4172833	-	6	4	R.QAVLEQFLGTNGQR.I	18
PSTAT-7670	proteomics_stat	4172936	4172977	-	6	3	R.DSVPMTLSEDEIAR.L	18
PSTAT-7671	proteomics_stat	4183381	4183428	-	5	3	I.ASNSSVLVCAFRNFNK.S	20
PSTAT-7672	proteomics_stat	4190566	4190601	-	5	2	K.FASSQLMVEAIR.A	16
PSTAT-7673	proteomics_stat	4190602	4190649	-	5	5	R.IADKTFDShLFTGTGK.F	20
PSTAT-7674	proteomics_stat	4190979	4191044	-	4	4	R.TAGVVGPVVGVMGTLQALEAIK.L	26
PSTAT-7675	proteomics_stat	4192147	4192191	-	5	2	R.SGLYPVVDVSVQWIER.L	19
PSTAT-7676	proteomics_stat	4192395	4192433	-	4	5	R.AYHDETLQPESGK.V	17
PSTAT-7677	proteomics_stat	4192539	4192568	-	4	11	K.IAAHAADLAK.G	14
PSTAT-7678	proteomics_stat	4192590	4192625	-	4	3	K.EHLGLPNKEDVK.Q	16
PSTAT-7679	proteomics_stat	4193106	4193174	-	4	3	R.DTLLEQAEQGVDFTHAGVLLR.Y	27
PSTAT-7680	proteomics_stat	4193175	4193216	-	4	2	K.VNGIAEDLTWEAFR.D	18
PSTAT-7681	proteomics_stat	4193217	4193267	-	4	3	R.NSPVPIGTVPYQALEK.V	21
PSTAT-7682	proteomics_stat	4193619	4193660	-	4	3	R.QGIITPEMEFIAIR.E	18
PSTAT-7683	proteomics_stat	4193811	4193837	-	4	2	K.LRQPWIDAR.G	13
PSTAT-7684	proteomics_stat	4193838	4193942	-	4	3	K.EQPQYEENEAPVYDTSGPYQAIINVQGLAK.L	39
PSTAT-7685	proteomics_stat	4194027	4194080	-	4	2	R.AQHFDITLLEGTAFPNSKR.I	22
PSTAT-7686	proteomics_stat	4194030	4194080	-	4	4	R.AQHFDITLLEGTAFPNSK.R	21
PSTAT-7687	proteomics_stat	4194568	4194606	-	5	3	R.ILHKLEGNGLAR.A	17
PSTAT-7688	proteomics_stat	4194607	4194675	-	5	4	K.ALDDFCQSLVDYLSAGHFSIYER.I	27
PSTAT-7689	proteomics_stat	4196826	4196912	-	4	15	R.LRRSDPVDLYRVDPRGSQKPKVRFVERVM.T	33
PSTAT-7690	proteomics_stat	4202758	4202805	-	5	3	R.VLCVTALGHTVAEAQK.R	20
PSTAT-7691	proteomics_stat	4202806	4202841	-	5	3	L.ADDEQVVTNGGR.V	16
PSTAT-7692	proteomics_stat	4202806	4202844	-	5	7	K.LADDEQVVTNGGR.V	17
PSTAT-7693	proteomics_stat	4202866	4202916	-	5	6	R.TGDVIHGLPLEEVAGGK.V	21
PSTAT-7694	proteomics_stat	4202917	4202967	-	5	4	R.ASLGVVMAAGGYPGDYR.T	21
PSTAT-7695	proteomics_stat	4203049	4203084	-	5	2	R.FGDPETQPIMLR.M	16
PSTAT-7696	proteomics_stat	4203085	4203156	-	5	2	Y.TGFLYAGLMIDKQGNPKVIEFNCR.F	28
PSTAT-7697	proteomics_stat	4203217	4203291	-	5	2	K.DTGPNTGGMGAYSPAPVVTDDVHQR.T	29
PSTAT-7698	proteomics_stat	4203217	4203303	-	5	3	R.VGDKDTGPNTGGMGAYSPAPVVTDDVHQR.T	33
PSTAT-7699	proteomics_stat	4203406	4203495	-	5	39	K.GVIVAMTLEEAEEAAVHDMLAGNAFGDAGHR.I	34
PSTAT-7700	proteomics_stat	4203547	4203612	-	5	5	R.HKIPTAEYQNFTEVEPALAYLR.E	26
PSTAT-7701	proteomics_stat	4203640	4203684	-	5	3	K.IFGPTAGAAQLEGSK.A	19
PSTAT-7702	proteomics_stat	4203721	4203762	-	5	4	K.IDLTIVGPEAPLVK.G	18
PSTAT-7703	proteomics_stat	4203763	4203900	-	5	6	K.AAQSPLVETVFPAGNAGTALEPALQNVAIGVTDIPALLDFAQNEK.I	50
PSTAT-7704	proteomics_stat	4203901	4203921	-	5	4	R.EHALAWK.A	11
PSTAT-7705	proteomics_stat	4204044	4204109	-	4	2	R.DGIDAAAAGVTCVIQPGGSIR.D	26
PSTAT-7706	proteomics_stat	4204149	4204175	-	4	2	K.AADEGLEVK.G	13
PSTAT-7707	proteomics_stat	4204206	4204247	-	4	4	K.NNMTIGIGAGQMSR.V	18
PSTAT-7708	proteomics_stat	4204248	4204271	-	4	3	K.SNAIVYAK.N	12
PSTAT-7709	proteomics_stat	4204311	4204337	-	4	3	K.RQPSEQELR.D	13

PSTAT-7710	proteomics_stat	4204350	4204382	-	4	7	R.DLGMVGAEEELR.V	15
PSTAT-7711	proteomics_stat	4204383	4204415	-	4	2	K.RVNGGLLVQDR.D	15
PSTAT-7712	proteomics_stat	4204437	4204466	-	4	2	R.VLTGQWGER.V	14
PSTAT-7713	proteomics_stat	4204494	4204544	-	4	10	R.QFVEVIIAPSASEEALK.I	21
PSTAT-7714	proteomics_stat	4204545	4204583	-	4	6	R.ELDAETAQAIISR.Q	17
PSTAT-7715	proteomics_stat	4204584	4204628	-	4	2	K.TDPTSAFGGIIAFNR.E	19
PSTAT-7716	proteomics_stat	4204584	4204637	-	4	2	R.AYKTDPTSAFGGIIAFNR.E	22
PSTAT-7717	proteomics_stat	4204638	4204694	-	4	13	K.HANPCGVAIGNSILDAYDR.A	23
PSTAT-7718	proteomics_stat	4204695	4204781	-	4	2	K.ALSYNNIADTDAALECVKEFAEPACVIVK.H	33
PSTAT-7719	proteomics_stat	4204728	4204781	-	4	3	K.ALSYNNIADTDAALECVK.E	22
PSTAT-7720	proteomics_stat	4204782	4204820	-	4	10	K.EASVATATQVQGK.A	17
PSTAT-7721	proteomics_stat	4204821	4204874	-	4	15	R.YGENSHQQAIFYEENVK.E	22
PSTAT-7722	proteomics_stat	4204938	4205021	-	4	26	K.AFEHTAAYDSMIANYFGSMVPAYHGESK.E	32
PSTAT-7723	proteomics_stat	4205040	4205081	-	4	5	K.EMDDNEGSLTLATR.F	18
PSTAT-7724	proteomics_stat	4205040	4205108	-	4	2	K.SSDYDAIIKEMDDNEGSLTLATR.F	27
PSTAT-7725	proteomics_stat	4205082	4205108	-	4	2	K.SSDYDAIIK.E	13
PSTAT-7726	proteomics_stat	4205109	4205129	-	4	2	K.DVAIVVK.S	11
PSTAT-7727	proteomics_stat	4205109	4205138	-	4	4	K.NHKDVAIVVK.S	14
PSTAT-7728	proteomics_stat	4205151	4205213	-	4	5	R.EGCSLEDAVENIDIGGPTMVR.S	25
PSTAT-7729	proteomics_stat	4205214	4205306	-	4	5	R.GQDDAIMEEHQIQPIDMVVNLYPFAQTVAR.E	35
PSTAT-7730	proteomics_stat	4205214	4205309	-	4	23	R.RGQDDAIMEEHQIQPIDMVVNLYPFAQTVAR.E	36
PSTAT-7731	proteomics_stat	4205355	4205414	-	4	7	K.GLPVTEVSDYTGFPPEMDGR.V	24
PSTAT-7732	proteomics_stat	4205355	4205447	-	4	2	S.TGGTARLLAEKGLPVTEVSDYTGFPPEMDGR.V	35
PSTAT-7733	proteomics_stat	4205430	4205465	-	4	2	R.GVELLSTGGTAR.L	16
PSTAT-7734	proteomics_stat	4205466	4205504	-	4	5	K.AGIVEFAQALSAR.G	17
PSTAT-7735	proteomics_stat	4227479	4227520	-	6	2	K.AGEEAVPLEAGHRF.-	18
PSTAT-7736	proteomics_stat	4227521	4227565	-	6	3	K.GHATLGGPNTTYVFK.A	19
PSTAT-7737	proteomics_stat	4227653	4227772	-	6	2	R.TTNDMPIVDPQGF DALNFLQLINPHFTNALPEGHKGETR.E	44
PSTAT-7738	proteomics_stat	4228073	4228123	-	6	2	K.AWLEHALPLIAEQLQGR.R	21
PSTAT-7739	proteomics_stat	4229523	4229558	-	4	2	R.VLTNSETNSIKK.D	16
PSTAT-7740	proteomics_stat	4229910	4229930	-	4	3	K.LHSNLFE.-	11
PSTAT-7741	proteomics_stat	4230009	4230044	-	4	4	K.EVFGVLEPFNIR.M	16
PSTAT-7742	proteomics_stat	4230009	4230062	-	4	2	K.ACGVGKEVFGVLEPFNIR.M	22
PSTAT-7743	proteomics_stat	4230063	4230119	-	4	2	R.VEVEEGLALVALIGNDLSK.A	23
PSTAT-7744	proteomics_stat	4230291	4230338	-	4	4	R.NQTLTLHSLNMLHSR.G	20
PSTAT-7745	proteomics_stat	4230357	4230407	-	4	6	R.AGGTLVCNK TENPPLFR.A	21
PSTAT-7746	proteomics_stat	4230381	4230407	-	4	5	R.AGGTLVCNK.T	13
PSTAT-7747	proteomics_stat	4230450	4230485	-	4	12	K.VLHPATLLPAVR.S	16
PSTAT-7748	proteomics_stat	4230486	4230539	-	4	8	R.IDEIAFAEAAEMATFGAK.V	22
PSTAT-7749	proteomics_stat	4230486	4230542	-	4	20	K.RIDEIAFAEAAEMATFGAK.V	23
PSTAT-7750	proteomics_stat	4230561	4230608	-	4	4	R.VDIWTDVPGIYTTDPR.V	20
PSTAT-7751	proteomics_stat	4230609	4230662	-	4	15	R.GGSDYTAALLAEALHASR.V	22
PSTAT-7752	proteomics_stat	4230687	4230737	-	4	18	R.LNEGLVITQGFIGSENK.G	21
PSTAT-7753	proteomics_stat	4230738	4230794	-	4	15	R.AEPDIAALAEALQLLPR.L	23
PSTAT-7754	proteomics_stat	4230987	4231004	-	4	3	K.REEIER.G	10
PSTAT-7755	proteomics_stat	4230987	4231004	-	4	3	K.REEIER.G	10

PSTAT-7756	proteomics_stat	4230987	4231004	-	4	3	K.REEIER.G	10
PSTAT-7757	proteomics_stat	4231026	4231052	-	4	3	R.NIQFAILER.L	13
PSTAT-7758	proteomics_stat	4231155	4231190	-	4	4	R.SADIVLSDANVR.L	16
PSTAT-7759	proteomics_stat	4243264	4243302	-	5	4	R.QTVDEALKDAQTR.I	17
PSTAT-7760	proteomics_stat	4243303	4243332	-	5	5	R.TAVINAASGR.Q	14
PSTAT-7761	proteomics_stat	4243333	4243386	-	5	9	K.GEIMPNIQMSAFWYAVR.T	22
PSTAT-7762	proteomics_stat	4243387	4243416	-	5	4	R.IAATMENAQK.G	14
PSTAT-7763	proteomics_stat	4243450	4243479	-	5	3	K.DKPLGAVALK.S	14
PSTAT-7764	proteomics_stat	4243450	4243533	-	5	2	K.EFLENYLLTDEGLEAVNKDKPLGAVALK.S	32
PSTAT-7765	proteomics_stat	4243480	4243533	-	5	7	K.EFLENYLLTDEGLEAVNK.D	22
PSTAT-7766	proteomics_stat	4243480	4243545	-	5	2	K.ELAKEFLENYLLTDEGLEAVNK.D	26
PSTAT-7767	proteomics_stat	4243534	4243611	-	5	13	K.GQPSKPFVGVLSAGINAASPNKELAK.E	30
PSTAT-7768	proteomics_stat	4243546	4243611	-	5	6	K.GQPSKPFVGVLSAGINAASPNK.E	26
PSTAT-7769	proteomics_stat	4243612	4243647	-	5	3	K.VNYGVTVLPTFK.G	16
PSTAT-7770	proteomics_stat	4243708	4243758	-	5	4	K.HMNADTDYSIAEAAFNK.G	21
PSTAT-7771	proteomics_stat	4243765	4243797	-	5	2	K.AGLTFLVDLIK.N	15
PSTAT-7772	proteomics_stat	4243798	4243827	-	5	5	K.DVGVDNAGAK.A	14
PSTAT-7773	proteomics_stat	4243798	4243839	-	5	2	K.YDIKDVGVNAGAK.A	18
PSTAT-7774	proteomics_stat	4243828	4243854	-	5	2	K.YENGGYDIK.D	13
PSTAT-7775	proteomics_stat	4243945	4243983	-	5	4	K.TWEEIPALDKELK.A	17
PSTAT-7776	proteomics_stat	4243984	4244058	-	5	2	K.LIAYPIAVEALSIIYNKDLLPNPPK.T	29
PSTAT-7777	proteomics_stat	4244008	4244058	-	5	72	K.LIAYPIAVEALSIIYNK.D	21
PSTAT-7778	proteomics_stat	4244101	4244166	-	5	3	R.FGGYASQSGLLAEITPDKAFQDK.L	26
PSTAT-7779	proteomics_stat	4244167	4244226	-	5	2	K.FPQVAATGDGPDIIFWAHDR.F	24
PSTAT-7780	proteomics_stat	4244167	4244262	-	5	5	K.VTVEHPDKLEEKFPQVAATGDGPDIIFWAHDR.F	36
PSTAT-7781	proteomics_stat	4244227	4244262	-	5	6	K.VTVEHPDKLEEK.F	16
PSTAT-7782	proteomics_stat	4244239	4244262	-	5	3	K.VTVEHPDK.L	12
PSTAT-7783	proteomics_stat	4244287	4244319	-	5	3	K.GYNGLAEVGKK.F	15
PSTAT-7784	proteomics_stat	4252144	4252197	-	5	9	R.DEGYISDSGDAEPAETMK.V	22
PSTAT-7785	proteomics_stat	4252231	4252275	-	5	4	R.LSVLHGINAPEFFDK.A	19
PSTAT-7786	proteomics_stat	4252408	4252464	-	5	4	R.QGLITLQDDELHINPAHSR.T	23
PSTAT-7787	proteomics_stat	4252465	4252521	-	5	5	R.WDRDELDPVIDALANEMQR.Q	23
PSTAT-7788	proteomics_stat	4252540	4252584	-	5	3	R.DVLMMEHVNVLYPMLK.A	19
PSTAT-7789	proteomics_stat	4252690	4252737	-	5	2	K.FEVEKDTIGDIIILPR.E	20
PSTAT-7790	proteomics_stat	4252819	4252863	-	5	3	R.EQLTEQLNCYLDLMR.N	19
PSTAT-7791	proteomics_stat	4252945	4253028	-	5	6	R.ESIDPIEAVRPWLTPVNNIAADLMVR.I	32
PSTAT-7792	proteomics_stat	4253128	4253157	-	5	2	K.EKESLPQMLR.G	14
PSTAT-7793	proteomics_stat	4253179	4253256	-	5	7	R.GGTRPITLIPIYIGYEHVMEVGTYAK.E	30
PSTAT-7794	proteomics_stat	4253623	4253658	-	5	5	R.LYQGINVHNAER.V	16
PSTAT-7795	proteomics_stat	4254151	4254180	-	5	4	K.LFHDYLDLHR.S	14
PSTAT-7796	proteomics_stat	4254181	4254219	-	5	2	R.VFTYYTPKEESIK.L	17
PSTAT-7797	proteomics_stat	4254247	4254318	-	5	6	R.AQCLAHDLPDPLEIDGTLLPR.Y	28
PSTAT-7798	proteomics_stat	4261304	4261327	-	6	2	R.AHEILES.R.A	12
PSTAT-7799	proteomics_stat	4261328	4261375	-	6	5	K.VDVAEQQKYPLKDAQR.A	20
PSTAT-7800	proteomics_stat	4261340	4261375	-	6	6	K.VDVAEQQKYPLK.D	16
PSTAT-7801	proteomics_stat	4261352	4261375	-	6	2	K.VDVAEQQK.Y	12

PSTAT-7802	proteomics_stat	4261376	4261435	-	6	34	R.EELTEASNELFSLIASGVIK.V	24
PSTAT-7803	proteomics_stat	4261436	4261486	-	6	8	K.GSLYVTRPSLQGYITTR.E	21
PSTAT-7804	proteomics_stat	4261724	4261753	-	6	2	K.LIGTVGTAQK.A	14
PSTAT-7805	proteomics_stat	4261883	4261939	-	6	7	K.AAILPAAISFEQAAASFLK.G	23
PSTAT-7806	proteomics_stat	4261940	4262002	-	6	3	R.VVYAQSALGAYSSVHNIADK.A	25
PSTAT-7807	proteomics_stat	4262042	4262110	-	6	4	R.SGLYPPPSLPSGLGTEAAGIVSK.V	27
PSTAT-7808	proteomics_stat	4262111	4262146	-	6	3	K.AIGINFIDTYIR.S	16
PSTAT-7809	proteomics_stat	4262147	4262227	-	6	5	K.HGGPEVLQAVEFTPADPAENEIQVENK.A	31
PSTAT-7810	proteomics_stat	4269957	4270037	-	4	3	R.GNNLKDVTLTLPVGLFTCITGVSGSGK.S	31
PSTAT-7811	proteomics_stat	4270698	4270742	-	4	2	R.YKETESSAVREELAK.F	19
PSTAT-7812	proteomics_stat	4273851	4273871	-	4	19	R.FTLIIGR.C	11
PSTAT-7813	proteomics_stat	4277176	4277253	-	5	2	A.PIMSRLPISELPFSSLNEMAKTPEK.W	30
PSTAT-7814	proteomics_stat	4281285	4281317	-	4	3	R.SQTGFVGEQGR.A	15
PSTAT-7815	proteomics_stat	4283189	4283212	-	6	4	R.IEDNAHFR.E	12
PSTAT-7816	proteomics_stat	4283475	4283513	-	4	2	G.DTSTLADPGVVEK.L	17
PSTAT-7817	proteomics_stat	4283475	4283537	-	4	3	A.AGDTSNLGDSTLADPGVVEK.L	25
PSTAT-7818	proteomics_stat	4283475	4283543	-	4	12	K.IAAGDTSNLGDSTLADPGVVEK.L	27
PSTAT-7819	proteomics_stat	4283475	4283546	-	4	6	R.KIAAGDTSNLGDSTLADPGVVEK.L	28
PSTAT-7820	proteomics_stat	4283583	4283639	-	4	7	K.EIGPLATPDVLHWTDSLPK.T	23
PSTAT-7821	proteomics_stat	4283583	4283642	-	4	6	R.KEIGPLATPDVLHWTDSLPK.T	24
PSTAT-7822	proteomics_stat	4283655	4283729	-	4	41	K.GQAIYAVTLNHGEEPSPELYAEVR.N	29
PSTAT-7823	proteomics_stat	4283730	4283771	-	4	29	K.IAEAAVVGIPHNK.G	18
PSTAT-7824	proteomics_stat	4283772	4283816	-	4	14	R.LGTAEIESALVAHPK.I	19
PSTAT-7825	proteomics_stat	4283817	4283849	-	4	15	R.VDDVLNVSGHR.L	15
PSTAT-7826	proteomics_stat	4283850	4283882	-	4	3	R.DEDGYYWITGR.V	15
PSTAT-7827	proteomics_stat	4283850	4283885	-	4	10	R.RDEDGYYWITGR.V	16
PSTAT-7828	proteomics_stat	4283916	4283945	-	4	6	R.FEQTYFSTFK.N	14
PSTAT-7829	proteomics_stat	4283916	4283969	-	4	8	R.TLFGDHERFEQTYFSTFK.N	22
PSTAT-7830	proteomics_stat	4283970	4284095	-	4	14	K.AGSATRPFVGVQPALVDNEGNPLEGATEGSLVITDSWPGQAR.T	46
PSTAT-7831	proteomics_stat	4284096	4284176	-	4	10	K.CPVVDTWVWQTETGGFMITPLPGATELK.A	31
PSTAT-7832	proteomics_stat	4284195	4284245	-	4	3	L.GSVGEPINPEAWEWYWK.K	21
PSTAT-7833	proteomics_stat	4284195	4284251	-	4	16	R.ILGSVGEPIINPEAWEWYWK.K	23
PSTAT-7834	proteomics_stat	4284264	4284308	-	4	15	R.ALMAEGDKAIEGTDR.S	19
PSTAT-7835	proteomics_stat	4284309	4284350	-	4	25	K.HQVNILYTAPT AIR.A	18
PSTAT-7836	proteomics_stat	4284309	4284371	-	4	40	R.MAQVVDKHQVNILYTAPT AIR.A	25
PSTAT-7837	proteomics_stat	4284309	4284404	-	4	3	F.EGVPNWPTPARMAQVVDKHQVNILYTAPT AIR.A	36
PSTAT-7838	proteomics_stat	4284351	4284371	-	4	2	R.MAQVVDK.H	11
PSTAT-7839	proteomics_stat	4284729	4284794	-	4	25	K.NVDDALKNPVTSVEHVVLKR.T	26
PSTAT-7840	proteomics_stat	4284732	4284794	-	4	23	K.NVDDALKNPVTSVEHVVLK.R	25
PSTAT-7841	proteomics_stat	4284822	4284848	-	4	3	L.VITSDEGVR.A	13
PSTAT-7842	proteomics_stat	4284822	4284851	-	4	3	R.LVITSDEGVR.A	14
PSTAT-7843	proteomics_stat	4284873	4284929	-	4	4	I.GAVHSVIFGGFSPEAVAGR.I	23
PSTAT-7844	proteomics_stat	4284873	4284932	-	4	26	R.IGAVHSVIFGGFSPEAVAGR.I	24
PSTAT-7845	proteomics_stat	4284933	4285004	-	4	22	K.KGDVVAIYMPMVPEAAVAMLACAR.I	28
PSTAT-7846	proteomics_stat	4284939	4285004	-	4	2	K.KGDVVAIYMPMVPEAAVAMLAC.A	26
PSTAT-7847	proteomics_stat	4285002	4285037	-	4	4	R.FANTLLELG IKK.G	16

PSTAT-7848	proteomics_stat	4285005	4285037	-	4	4	R.FANTLLELGIK.K	15
PSTAT-7849	proteomics_stat	4285077	4285118	-	4	5	R.TAIWEGDDASQSK.H	18
PSTAT-7850	proteomics_stat	4285119	4285142	-	4	2	R.HLQENGDR.T	12
PSTAT-7851	proteomics_stat	4285143	4285181	-	4	2	E.DGTLNLAANCLDR.H	17
PSTAT-7852	proteomics_stat	4285143	4285187	-	4	3	W.YEDGTLNLAANCLDR.H	19
PSTAT-7853	proteomics_stat	4285143	4285190	-	4	19	K.WYEDGTLNLAANCLDR.H	20
PSTAT-7854	proteomics_stat	4285191	4285226	-	4	8	K.NTSFAPGNVSIK.W	16
PSTAT-7855	proteomics_stat	4285191	4285232	-	4	5	K.VKNTSFAPGNVSIK.W	18
PSTAT-7856	proteomics_stat	4285233	4285262	-	4	12	K.ILDWIKPYQK.V	14
PSTAT-7857	proteomics_stat	4285263	4285346	-	4	3	R.CLINPQQYEAMYQQSINVPDTFWGEQ GK.I	32
PSTAT-7858	proteomics_stat	4285347	4285376	-	4	7	K.HTIPANIADR.C	14
PSTAT-7859	proteomics_stat	4310268	4310321	-	4	3	K.LADYIICSPAPETPLLGR.N	22
PSTAT-7860	proteomics_stat	4310685	4310774	-	4	2	R.SALEDYFSQSEQVLPSELAFDEAPQDVV NK.V	34
PSTAT-7861	proteomics_stat	4323339	4323383	-	4	3	K.VTDKFGVPWMINVVK.Q	19
PSTAT-7862	proteomics_stat	4323522	4323569	-	4	2	R.IAGSDIMMSDAMPSGK.A	20
PSTAT-7863	proteomics_stat	4323570	4323647	-	4	3	K.SAQDSAENCPSGMQFPDTAIAHANVR.I	30
PSTAT-7864	proteomics_stat	4324476	4324508	-	4	5	R.LVEGDHNIDCK.I	15
PSTAT-7865	proteomics_stat	4324572	4324622	-	4	16	K.DANGNLLADGDSVTIIK.D	21
PSTAT-7866	proteomics_stat	4331641	4331712	-	5	2	K.IAGLDVGGADDYLVKPFAL EELHAR.I	28
PSTAT-7867	proteomics_stat	4331731	4331766	-	5	2	K.KYTLPLVILTAR.D	16
PSTAT-7868	proteomics_stat	4344204	4344269	-	4	2	R.VDLNRP MKEILAQLSQYPVSTR.L	26
PSTAT-7869	proteomics_stat	4344204	4344269	-	4	2	R.VDLNRP MKEILAQLSQYPVSTR.L	26
PSTAT-7870	proteomics_stat	4344546	4344596	-	4	5	K.YYDELPTEGNEHQAFR.D	21
PSTAT-7871	proteomics_stat	4344546	4344596	-	4	5	K.YYDELPTEGNEHQAFR.D	21
PSTAT-7872	proteomics_stat	4344621	4344698	-	4	2	R.TLGT AACPPYHIAFVIGG TSAETNLK.T	30
PSTAT-7873	proteomics_stat	4344621	4344698	-	4	2	R.TLGT AACPPYHIAFVIGG TSAETNLK.T	30
PSTAT-7874	proteomics_stat	4344813	4344881	-	4	4	K.EVNTGTNLPAQIDLYAVDGD EYK.F	27
PSTAT-7875	proteomics_stat	4344813	4344881	-	4	4	K.EVNTGTNLPAQIDLYAVDGD EYK.F	27
PSTAT-7876	proteomics_stat	4344915	4344950	-	4	2	R.GVYNTYIEDNLR.Y	16
PSTAT-7877	proteomics_stat	4344915	4344950	-	4	2	R.GVYNTYIEDNLR.Y	16
PSTAT-7878	proteomics_stat	4345002	4345052	-	4	4	K.GVLPTCQDTGTAIIVGK.K	21
PSTAT-7879	proteomics_stat	4345002	4345052	-	4	4	K.GVLPTCQDTGTAIIVGK.K	21
PSTAT-7880	proteomics_stat	4347599	4347670	-	6	3	K.HQYYDQAELDQLIHGSSS NEQDPR.R	28
PSTAT-7881	proteomics_stat	4351400	4351423	-	6	2	R.FQEQVNAK.A	12
PSTAT-7882	proteomics_stat	4351424	4351477	-	6	8	R.EIGNGFSELNDAEDQAER.F	22
PSTAT-7883	proteomics_stat	4351478	4351534	-	6	8	R.RNDVNPEITDRFEFFIGGR.E	23
PSTAT-7884	proteomics_stat	4351478	4351534	-	6	8	R.RNDVNPEITDRFEFFIGGR.E	23
PSTAT-7885	proteomics_stat	4351502	4351534	-	6	5	R.RNDVNPEITDR.F	15
PSTAT-7886	proteomics_stat	4351502	4351534	-	6	5	R.RNDVNPEITDR.F	15
PSTAT-7887	proteomics_stat	4351535	4351630	-	6	3	R.IVTEIFDEVAEAHLIQPTFITEYPAEVSPLAR.R	36
PSTAT-7888	proteomics_stat	4351685	4351735	-	6	4	K.YRPETDMADLDNFDAAK.A	21
PSTAT-7889	proteomics_stat	4351763	4351810	-	6	4	K.VTYGEHVDFGKPF EK.L	20
PSTAT-7890	proteomics_stat	4352030	4352077	-	6	36	R.PFITHHNALDLDMYLR.I	20
PSTAT-7891	proteomics_stat	4352030	4352077	-	6	36	R.PFITHHNALDLDMYLR.I	20
PSTAT-7892	proteomics_stat	4352309	4352344	-	6	8	K.TGELSIHCTELR.L	16
PSTAT-7893	proteomics_stat	4352309	4352344	-	6	8	K.TGELSIHCTELR.L	16

PSTAT-7894	proteomics_stat	4352399	4352437	-	6	2	R.DSLPEGVYNDQFK.K	17
PSTAT-7895	proteomics_stat	4352459	4352494	-	6	3	K.ASFVTLQDVGGR.I	16
PSTAT-7896	proteomics_stat	4352459	4352494	-	6	3	K.ASFVTLQDVGGR.I	16
PSTAT-7897	proteomics_stat	4352573	4352614	-	6	2	R.DHTSDQLHEEFDAK.D	18
PSTAT-7898	proteomics_stat	4353728	4353805	-	6	2	T.SMELVSGDALFSPSIFYSAAGERLVR.I	30
PSTAT-7899	proteomics_stat	4360813	4360842	-	5	3	R.SQADVDTAHR.L	14
PSTAT-7900	proteomics_stat	4360894	4360965	-	5	6	K.SAAYDFTHELLTTLEVDDPAMVAK.Q	28
PSTAT-7901	proteomics_stat	4360966	4361055	-	5	6	N.NRYPGCLFIAACTFYDPGPHIQLADQQK.S	34
PSTAT-7902	proteomics_stat	4361098	4361136	-	5	3	R.QLMLDETQTAEQK.L	17
PSTAT-7903	proteomics_stat	4361098	4361139	-	5	3	R.RQLMLDETQTAEQK.L	18
PSTAT-7904	proteomics_stat	4361170	4361211	-	5	6	R.FWPDKEAILYDALR.Y	18
PSTAT-7905	proteomics_stat	4361242	4361295	-	5	8	K.LLELQGIANTTLEMVAER.V	22
PSTAT-7906	proteomics_stat	4361428	4361499	-	5	4	K.HLNVLGLPTILFFDGQGQEHQAR.V	28
PSTAT-7907	proteomics_stat	4363290	4363364	-	4	2	K.SSNTASVVVLTCTAPDEATAQDLAAK.V	29
PSTAT-7908	proteomics_stat	4364161	4364190	-	5	2	K.RLEEGLVELR.G	14
PSTAT-7909	proteomics_stat	4364947	4365015	-	5	2	R.GLLTEAELDDIFSVQNLMPAYK.A	27
PSTAT-7910	proteomics_stat	4365325	4365369	-	5	3	K.VNPVVPEVVNQVCFK.V	19
PSTAT-7911	proteomics_stat	4365370	4365432	-	5	2	R.AGLNEINLPELQAGSSIMPAK.V	25
PSTAT-7912	proteomics_stat	4365931	4365972	-	5	7	K.GEQYLNPNHDVVK.C	18
PSTAT-7913	proteomics_stat	4366087	4366140	-	5	3	K.SVANAIIAACDEVLNNGK.C	22
PSTAT-7914	proteomics_stat	4366264	4366305	-	5	7	R.EVPADAYYGVHTLR.A	18
PSTAT-7915	proteomics_stat	4366306	4366332	-	5	2	R.IEEDLLGTR.E	13
PSTAT-7916	proteomics_stat	4375263	4375316	-	4	5	R.TPTISDEVKQEMLAVATR.E	22
PSTAT-7917	proteomics_stat	4375377	4375430	-	4	3	K.VSFFGPFYGGYNVIALDR.E	22
PSTAT-7918	proteomics_stat	4375515	4375544	-	4	5	R.DDGGLNVINK.G	14
PSTAT-7919	proteomics_stat	4376146	4376181	-	5	3	K.TLQQGIQLAQRS.Y	16
PSTAT-7920	proteomics_stat	4376719	4376769	-	5	7	K.KQPVTQQTLFELGSVSK.T	21
PSTAT-7921	proteomics_stat	4376878	4376910	-	5	4	A.APQQINDIVHR.T	15
PSTAT-7922	proteomics_stat	4377809	4377853	-	6	2	K.VESSKDFLIATLKPR.-	19
PSTAT-7923	proteomics_stat	4377854	4377889	-	6	6	K.HVDPAAAIQQGK.V	16
PSTAT-7924	proteomics_stat	4378406	4378501	-	6	3	R.YNPEVDTAPHSAFYEVYPDATTSLLDALGYIK.D	36
PSTAT-7925	proteomics_stat	4378551	4378604	-	4	3	R.VYGGEDAADKAEAAANKK.E	22
PSTAT-7926	proteomics_stat	4378884	4378916	-	4	2	K.TIDKLAELQER.F	15
PSTAT-7927	proteomics_stat	4378938	4378988	-	4	2	K.IRDEMGLAMEEGCGIYR.T	21
PSTAT-7928	proteomics_stat	4378989	4379033	-	4	5	R.LKDLVNQDGGENWAK.I	19
PSTAT-7929	proteomics_stat	4379034	4379099	-	4	6	R.AATAGNGNEAAIEAQAAGVEQR.L	26
PSTAT-7930	proteomics_stat	4379100	4379126	-	4	2	R.LAGEQATER.A	13
PSTAT-7931	proteomics_stat	4379169	4379222	-	4	5	K.GLFAVGECSSVGLHGANR.L	22
PSTAT-7932	proteomics_stat	4380246	4380284	-	4	4	R.AAIAAAQANPNAK.I	17
PSTAT-7933	proteomics_stat	4386176	4386232	-	6	4	R.ELLNSLLQGGDTLLLELTK.L	23
PSTAT-7934	proteomics_stat	4387034	4387108	-	6	3	R.SVSPGMSTDALNQEILQVSSQLLDK.S	29
PSTAT-7935	proteomics_stat	4387550	4387591	-	6	3	K.VNLVEQLESLSVTK.I	18
PSTAT-7936	proteomics_stat	4387841	4387918	-	6	5	R.EMIYVPGDLFSVNHHTAQNVPNLFAR.N	30
PSTAT-7937	proteomics_stat	4387961	4387996	-	6	5	R.NGTFTVTTYLSPR.D	16
PSTAT-7938	proteomics_stat	4388060	4388089	-	6	4	K.IEEDKILQAK.G	14
PSTAT-7939	proteomics_stat	4388090	4388200	-	6	2	R.TFNEFFVRPLRDEVRPIDTDPNVLVMPADGVISQLGK.I	41

PSTAT-7940	proteomics_stat	4388201	4388233	-	6	6	K.EAQKPDASYR.T	15
PSTAT-7941	proteomics_stat	4388720	4388770	-	6	2	R.LYHFPHGGDVIDSPGVR.E	21
PSTAT-7942	proteomics_stat	4388909	4388974	-	6	9	R.VLMVSSHTQDGLKPLEEALTGR.I	26
PSTAT-7943	proteomics_stat	4389251	4389298	-	6	4	R.VVWRPGKPAAEVNVK.G	20
PSTAT-7944	proteomics_stat	4389344	4389391	-	6	3	R.FGMHADVESADGDVHR.C	20
PSTAT-7945	proteomics_stat	4393123	4393170	-	5	3	I.ASRFNASASHNIGLRK.F	20
PSTAT-7946	proteomics_stat	4394397	4394453	-	4	6	K.DDSVIAAILPLHRFGFTVF.G	23
PSTAT-7947	proteomics_stat	4398017	4398058	-	6	2	R.FRLQGKTTSGDNPR.N	18
PSTAT-7948	proteomics_stat	4414629	4414655	-	4	3	R.RDQTQQLQR.I	13
PSTAT-7949	proteomics_stat	4415727	4415783	-	4	4	K.NANPEILQQLEAQGVSIILR.V	23
PSTAT-7950	proteomics_stat	4422725	4422754	-	6	2	A.AIEINNHQAR.N	14
PSTAT-7951	proteomics_stat	4424807	4424857	-	6	4	A.LLNAYSDDLPHDLKIGLR.S	21
PSTAT-7952	proteomics_stat	4426501	4426557	-	5	4	R.EAQLDIQSQSQPPTTEQLR.A	23
PSTAT-7953	proteomics_stat	4431289	4431351	-	5	2	K.SVGLPDGLADMLADSDVGASK.G	25
PSTAT-7954	proteomics_stat	4431415	4431477	-	5	4	K.VYELAGDSAWTLTLQLAAELTK.Q	25
PSTAT-7955	proteomics_stat	4431478	4431507	-	5	6	R.VISEAGHEGK.V	14
PSTAT-7956	proteomics_stat	4432780	4432806	-	5	2	R.LAPIAGDKK.L	13
PSTAT-7957	proteomics_stat	4432885	4432938	-	5	4	K.FAGTGDSHIAFASPENR.S	22
PSTAT-7958	proteomics_stat	4432954	4433022	-	5	4	K.NLTFNGKPIDPNAMFLVATNNYR.A	27
PSTAT-7959	proteomics_stat	4432954	4433028	-	5	2	R.IKNLTFNGKPIDPNAMFLVATNNYR.A	29
PSTAT-7960	proteomics_stat	4433029	4433070	-	5	2	R.YDGECQMINANAER.I	18
PSTAT-7961	proteomics_stat	4433311	4433346	-	5	5	R.KNDPASVVEVEK.G	16
PSTAT-7962	proteomics_stat	4433359	4433436	-	5	4	K.AYVEHYIQGDPLAKLPVLSAAAPFK.V	30
PSTAT-7963	proteomics_stat	4433437	4433469	-	5	2	D.PTVQVVNNAQK.A	15
PSTAT-7964	proteomics_stat	4433437	4433514	-	5	3	K.SADNMYSYLALVQDDPTVQVVNNAQK.A	30
PSTAT-7965	proteomics_stat	4433515	4433541	-	5	2	R.QFVSKPIGK.S	13
PSTAT-7966	proteomics_stat	4433605	4433643	-	5	2	K.AEARPIYDIANKK.S	17
PSTAT-7967	proteomics_stat	4433758	4433793	-	5	2	K.DFADIEGADIAK.G	16
PSTAT-7968	proteomics_stat	4433887	4433943	-	5	2	K.GADVVVVLAHSGLSADPYK.V	23
PSTAT-7969	proteomics_stat	4433887	4433949	-	5	4	R.EKGADVVVVLAHSGLSADPYK.V	25
PSTAT-7970	proteomics_stat	4434151	4434186	-	5	3	K.FPYVNANVIDAR.T	16
PSTAT-7971	proteomics_stat	4434208	4434282	-	5	3	K.ALNTLDYTVGTLGNHEFNGLDYLK.N	29
PSTAT-7972	proteomics_stat	4434283	4434309	-	5	5	K.AGDIHVPYK.A	13
PSTAT-7973	proteomics_stat	4436743	4436796	-	5	3	K.DGALTPEEVQQVMDLLQK.L	22
PSTAT-7974	proteomics_stat	4439621	4439695	-	6	13	R.HITTEIANATPFYYAEDDHQQYLHK.N	29
PSTAT-7975	proteomics_stat	4439747	4439791	-	6	4	R.SAIYPLTPEQDAAAR.A	19
PSTAT-7976	proteomics_stat	4439906	4439947	-	6	5	R.EVCSGDTGHAEAVR.I	18
PSTAT-7977	proteomics_stat	4439948	4440025	-	6	3	R.LFWQLPGVYSTAAGYTGGYTPNPTYR.E	30
PSTAT-7978	proteomics_stat	4440143	4440178	-	6	6	K.HLVSPADALPGR.N	16
PSTAT-7979	proteomics_stat	4440143	4440181	-	6	2	K.KHLVSPADALPGR.N	17
PSTAT-7980	proteomics_stat	4447160	4447186	-	6	4	K.AEIVASFER.A	13
PSTAT-7981	proteomics_stat	4447235	4447279	-	6	9	K.AQIAHFFEHYKDLEK.G	19
PSTAT-7982	proteomics_stat	4447247	4447279	-	6	8	K.AQIAHFFEHYK.D	15
PSTAT-7983	proteomics_stat	4447280	4447309	-	6	2	K.DVNDLPELLK.A	14
PSTAT-7984	proteomics_stat	4447280	4447327	-	6	10	K.EYDHIKDVNDLPELLK.A	20
PSTAT-7985	proteomics_stat	4447280	4447336	-	6	11	K.LSKEYDHIKDVNDLPELLK.A	23

PSTAT-7986	proteomics_stat	4447361	4447390	-	6	5	K.MTDEAGEDAK.L	14
PSTAT-7987	proteomics_stat	4447415	4447480	-	6	2	L.DGDPVDVLPVTPYPLQPGSVIR.C	26
PSTAT-7988	proteomics_stat	4447415	4447489	-	6	2	T.LSLDGDVPDVLVPTPYPLQPGSVIR.C	29
PSTAT-7989	proteomics_stat	4447544	4447585	-	6	2	K.YEIDKESGALFVDR.F	18
PSTAT-7990	proteomics_stat	4447544	4447645	-	6	35	K.DLPEDIYVVIEIPANADPIKYEIDKESGALFVDR.F	38
PSTAT-7991	proteomics_stat	4447646	4447672	-	6	6	M.SLLNVPAGK.D	13
PSTAT-7992	proteomics_stat	4452661	4452699	-	5	2	F.FVGNDDHMMVEDVER.F	17
PSTAT-7993	proteomics_stat	4452661	4452705	-	5	3	R.SFFVGNDDHMMVEDVER.F	19
PSTAT-7994	proteomics_stat	4452661	4452708	-	5	3	R.RSFFVGNDDHMMVEDVER.F	20
PSTAT-7995	proteomics_stat	4452709	4452744	-	5	4	R.ILDIIPETLHQR.R	16
PSTAT-7996	proteomics_stat	4452826	4452873	-	5	5	K.GGIYLYPSTASHPDGK.L	20
PSTAT-7997	proteomics_stat	4452886	4452918	-	5	2	R.YIGSLVADFHR.N	15
PSTAT-7998	proteomics_stat	4452919	4452966	-	5	3	K.FCQEEDKSTNRPYTSR.Y	20
PSTAT-7999	proteomics_stat	4452979	4453029	-	5	5	K.TYSINEGNYIKFPNGVK.K	21
PSTAT-8000	proteomics_stat	4452997	4453029	-	5	2	K.TYSINEGNYIK.F	15
PSTAT-8001	proteomics_stat	4455454	4455516	-	5	5	R.LIDQGDDAIAEVLNLWPDADR.Q	25
PSTAT-8002	proteomics_stat	4455538	4455567	-	5	6	R.HNQQVVLVFK.L	14
PSTAT-8003	proteomics_stat	4455736	4455765	-	5	3	R.LGAEIVDLGK.N	14
PSTAT-8004	proteomics_stat	4459277	4459318	-	6	3	R.VAPILYMEGACGVR.L	18
PSTAT-8005	proteomics_stat	4459565	4459603	-	6	2	R.MYPDILNYDQVVK.V	17
PSTAT-8006	proteomics_stat	4460003	4460086	-	6	3	K.SISTATAVTAQIIAQVASHIYGGTTINR.I	32
PSTAT-8007	proteomics_stat	4460216	4460239	-	6	2	R.DVVQAHER.G	12
PSTAT-8008	proteomics_stat	4460315	4460374	-	6	3	R.GLVEQTNASLLNENANKDSK.V	24
PSTAT-8009	proteomics_stat	4464691	4464741	-	5	2	R.NISYLGVPVHSDVTTGKR.R	21
PSTAT-8010	proteomics_stat	4468556	4468579	-	6	2	L.EIEIAIVR.S	12
PSTAT-8011	proteomics_stat	4468556	4468579	-	6	2	L.EIEIAIVR.S	12
PSTAT-8012	proteomics_stat	4468601	4468621	-	6	2	R.SCVEVAR.L	11
PSTAT-8013	proteomics_stat	4468622	4468672	-	6	4	N.ATYEAFFTEHNATFFPAR.S	21
PSTAT-8014	proteomics_stat	4468622	4468699	-	6	96	K.DLNDFATVNATYEAFFTEHNATFFPAR.S	30
PSTAT-8015	proteomics_stat	4468736	4468762	-	6	7	K.AIVEAAGLK.V	13
PSTAT-8016	proteomics_stat	4468784	4468822	-	6	6	K.TGEVPADVAAQAR.Q	17
PSTAT-8017	proteomics_stat	4468823	4468927	-	6	14	K.TIATENAPAAIGPYVQGVLDLGNMIITSGQIPVNP.K.T	39
PSTAT-8018	proteomics_stat	4469012	4469041	-	6	2	K.EFSHNVVLAN.-	14
PSTAT-8019	proteomics_stat	4469012	4469053	-	6	8	K.YCEKEFSHNVVLAN.-	18
PSTAT-8020	proteomics_stat	4469087	4469137	-	6	3	N.SNCISHAEPVSSSFAVR.K	21
PSTAT-8021	proteomics_stat	4469189	4469212	-	6	3	I.DNYEVVGK.S	12
PSTAT-8022	proteomics_stat	4469189	4469215	-	6	10	R.IDNYEVVGK.S	13
PSTAT-8023	proteomics_stat	4469216	4469290	-	6	28	K.IENTFLEDQVDQLALYAPQATVNR.I	29
PSTAT-8024	proteomics_stat	4469303	4469347	-	6	5	R.ITIGLNLPSGEMGRK.D	19
PSTAT-8025	proteomics_stat	4469306	4469347	-	6	6	R.ITIGLNLPSGEMGRK.K	18
PSTAT-8026	proteomics_stat	4469387	4469428	-	6	17	R.GTVIDHIPAQIGFK.L	18
PSTAT-8027	proteomics_stat	4469387	4469431	-	6	2	K.RGTVIDHIPAQIGFK.L	19
PSTAT-8028	proteomics_stat	4469429	4469467	-	6	6	M.THDNKLQVEAIKR.G	17
PSTAT-8029	proteomics_stat	4469498	4469527	-	6	7	R.QALLALVLR.D	14
PSTAT-8030	proteomics_stat	4469528	4469569	-	6	4	H.AWYFQQAGNGIFAR.Q	18
PSTAT-8031	proteomics_stat	4469528	4469578	-	6	29	K.TPHAWYFQQAGNGIFAR.Q	21

PSTAT-8032	proteomics_stat	4469528	4469608	-	6	37	R.VDEIATDVKTPHAWYFQQAGNGIFAR.Q	31
PSTAT-8033	proteomics_stat	4469570	4469608	-	6	2	R.VDEIATDVKTPH.A	17
PSTAT-8034	proteomics_stat	4469579	4469608	-	6	8	R.VDEIATDVK.T	14
PSTAT-8035	proteomics_stat	4469684	4469710	-	6	8	L.DPSEYANVK.A	13
PSTAT-8036	proteomics_stat	4469684	4469713	-	6	4	R.LDPSEYANVK.A	14
PSTAT-8037	proteomics_stat	4469684	4469719	-	6	7	K.ERLDPSEYANVK.A	16
PSTAT-8038	proteomics_stat	4469801	4469866	-	6	4	R.FYFIAPDALAMPQYILDMLDEK.G	26
PSTAT-8039	proteomics_stat	4469882	4469914	-	6	21	R.TVHSLTQALAK.F	15
PSTAT-8040	proteomics_stat	4469924	4469962	-	6	23	R.LDNLHVAMVGD.LK.Y	17
PSTAT-8041	proteomics_stat	4469963	4470076	-	6	39	R.LATEFSGNVPVLNAGDGSNQHPTQTLLDLFTIQETQGR.L	42
PSTAT-8042	proteomics_stat	4470101	4470163	-	6	13	K.GETLADTISVISTYVDAIVMR.H	25
PSTAT-8043	proteomics_stat	4470101	4470166	-	6	10	K.KGETLADTISVISTYVDAIVMR.H	26
PSTAT-8044	proteomics_stat	4470164	4470220	-	6	4	R.LGASVVGFSANTSLSLGGK.G	23
PSTAT-8045	proteomics_stat	4470167	4470220	-	6	20	R.LGASVVGFSANTSLSLGGK.K	22
PSTAT-8046	proteomics_stat	4470167	4470223	-	6	2	H.RLGASVVGFSANTSLSLGGK.K	23
PSTAT-8047	proteomics_stat	4470221	4470244	-	6	4	L.SFETSMHR.L	12
PSTAT-8048	proteomics_stat	4470221	4470247	-	6	7	R.LSFETSMHR.L	13
PSTAT-8049	proteomics_stat	4470254	4470289	-	6	10	K.VIASCFFEA.SR.T	16
PSTAT-8050	proteomics_stat	4470296	4470328	-	6	6	K.LKANPQPELLK.H	15
PSTAT-8051	proteomics_stat	4470329	4470364	-	6	21	R.DDLNLVLATAAK.L	16
PSTAT-8052	proteomics_stat	4470329	4470394	-	6	102	K.HIISINDLSRDDNLVLATAAK.L	26
PSTAT-8053	proteomics_stat	4470365	4470394	-	6	21	K.HIISINDLSR.D	14
PSTAT-8054	proteomics_stat	4475474	4475524	-	6	6	K.FLHCLPAFHDDQTTLGK.Q	21
PSTAT-8055	proteomics_stat	4475474	4475524	-	6	6	K.FLHCLPAFHDDQTTLGK.Q	21
PSTAT-8056	proteomics_stat	4475474	4475527	-	6	2	V.KFLHCLPAFHDDQTTLGK.Q	22
PSTAT-8057	proteomics_stat	4475474	4475527	-	6	2	V.KFLHCLPAFHDDQTTLGK.Q	22
PSTAT-8058	proteomics_stat	4475525	4475557	-	6	3	K.MMQLTGNPEVK.F	15
PSTAT-8059	proteomics_stat	4475672	4475725	-	6	8	R.ALAQQNGGNITLTEDVAK.G	22
PSTAT-8060	proteomics_stat	4475780	4475836	-	6	8	R.NNMGNMLEAAALTGLDLR.L	23
PSTAT-8061	proteomics_stat	4475780	4475836	-	6	8	R.NNMGNMLEAAALTGLDLR.L	23
PSTAT-8062	proteomics_stat	4475837	4475878	-	6	8	K.AFNEMTLVYAGDAR.N	18
PSTAT-8063	proteomics_stat	4475837	4475878	-	6	8	K.AFNEMTLVYAGDAR.N	18
PSTAT-8064	proteomics_stat	4476050	4476073	-	6	3	K.ESIKDTAR.V	12
PSTAT-8065	proteomics_stat	4476050	4476073	-	6	3	K.ESIKDTAR.V	12
PSTAT-8066	proteomics_stat	4476074	4476115	-	6	9	R.VTYLGPSPGSQIGHK.E	18
PSTAT-8067	proteomics_stat	4476074	4476115	-	6	9	R.VTYLGPSPGSQIGHK.E	18
PSTAT-8068	proteomics_stat	4476248	4476301	-	6	13	K.LLDFTPAELNSLLQLAAK.L	22
PSTAT-8069	proteomics_stat	4477210	4477242	-	5	3	K.KLALMAMEQAR.E	15
PSTAT-8070	proteomics_stat	4477489	4477524	-	5	2	R.RLTLQDNPAIAR.V	16
PSTAT-8071	proteomics_stat	4479047	4479076	-	6	10	R.EKLEGYAEAK.A	14
PSTAT-8072	proteomics_stat	4479083	4479106	-	6	2	R.APEAVIAK.E	12
PSTAT-8073	proteomics_stat	4479107	4479133	-	6	2	K.LANEGFVAR.A	13
PSTAT-8074	proteomics_stat	4479188	4479256	-	6	14	K.IIDGAELLIPMAGLINKEDELAR.L	27
PSTAT-8075	proteomics_stat	4479206	4479256	-	6	3	K.IIDGAELLIPMAGLINK.E	21
PSTAT-8076	proteomics_stat	4479257	4479313	-	6	4	R.LESITVLPADDKGPVSVTK.I	23
PSTAT-8077	proteomics_stat	4479314	4479337	-	6	4	R.GFLQTLAR.L	12

PSTAT-8078	proteomics_stat	4479380	4479427	-	6	9	R.AEMNIAPGKPLELLLR.G	20
PSTAT-8079	proteomics_stat	4479569	4479616	-	6	12	R.LAHPIIPFITETIWQR.V	20
PSTAT-8080	proteomics_stat	4479617	4479652	-	6	12	R.HTLVTVLEGLLR.L	16
PSTAT-8081	proteomics_stat	4479983	4480015	-	6	2	R.FTLAALASTGR.D	15
PSTAT-8082	proteomics_stat	4480016	4480060	-	6	8	K.QFPNGIEPHGTDALR.F	19
PSTAT-8083	proteomics_stat	4480082	4480117	-	6	2	R.TGNMMQPQLADK.I	16
PSTAT-8084	proteomics_stat	4480082	4480120	-	6	4	K.RTGNMMQPQLADK.I	17
PSTAT-8085	proteomics_stat	4480118	4480189	-	6	14	K.SKGNVIDPLDMVDGISLPELLEKR.T	28
PSTAT-8086	proteomics_stat	4480121	4480183	-	6	4	K.GNVIDPLDMVDGISLPELLEK.R	25
PSTAT-8087	proteomics_stat	4480121	4480189	-	6	9	K.SKGNVIDPLDMVDGISLPELLEK.R	27
PSTAT-8088	proteomics_stat	4480460	4480495	-	6	5	R.KENNLGADVVL.R.Q	16
PSTAT-8089	proteomics_stat	4480514	4480558	-	6	7	R.IPAWYDEAGNVYVGR.N	19
PSTAT-8090	proteomics_stat	4480580	4480606	-	6	2	R.DIQDWCSR.Q	13
PSTAT-8091	proteomics_stat	4480607	4480639	-	6	2	K.QYENMYFSWMR.D	15
PSTAT-8092	proteomics_stat	4480640	4480705	-	6	10	R.ADVLAKPAVEAVENGDIQFVPK.Q	26
PSTAT-8093	proteomics_stat	4480706	4480753	-	6	7	R.GGVVIEPMLTDQWYVR.A	20
PSTAT-8094	proteomics_stat	4480754	4480834	-	6	21	K.AVVAAVDALGLLEEIKPHDLTPYGD.R.G	31
PSTAT-8095	proteomics_stat	4480754	4480837	-	6	32	R.KAVVAAVDALGLLEEIKPHDLTPYGD.R.G	32
PSTAT-8096	proteomics_stat	4480859	4480909	-	6	3	K.GNESDVYSSEIPAEFQK.L	21
PSTAT-8097	proteomics_stat	4480910	4480936	-	6	2	R.ESAVQVFDTK.G	13
PSTAT-8098	proteomics_stat	4480937	4480984	-	6	33	R.HALPMINILTFDGD.R.E	20
PSTAT-8099	proteomics_stat	4480985	4481029	-	6	6	K.ITPAHDFNDYEVGKR.H	19
PSTAT-8100	proteomics_stat	4480988	4481029	-	6	2	K.ITPAHDFNDYEVGK.R	18
PSTAT-8101	proteomics_stat	4481042	4481086	-	6	3	R.IPIVGDEHADMEKGT.G	19
PSTAT-8102	proteomics_stat	4481048	4481086	-	6	5	R.IPIVGDEHADMEK.G	17
PSTAT-8103	proteomics_stat	4481048	4481089	-	6	12	R.RIPIVGDEHADMEK.G	18
PSTAT-8104	proteomics_stat	4481138	4481218	-	6	2	K.DYLVVATTRPETLLGDTGVAVNPEDPR.Y	31
PSTAT-8105	proteomics_stat	4481234	4481257	-	6	2	R.YPLADGAK.T	12
PSTAT-8106	proteomics_stat	4481357	4481383	-	6	10	R.LYKEDLIYR.G	13
PSTAT-8107	proteomics_stat	4481399	4481434	-	6	2	R.FTMDEGLSNAVK.E	16
PSTAT-8108	proteomics_stat	4481441	4481470	-	6	2	R.RLGNSVDWER.E	14
PSTAT-8109	proteomics_stat	4481507	4481539	-	6	3	R.EAFIDKIWEWK.A	15
PSTAT-8110	proteomics_stat	4481585	4481647	-	6	9	K.NTLWQVGTDHAGIATQMVVER.K	25
PSTAT-8111	proteomics_stat	4481801	4481851	-	6	2	K.TYNPQDIEQPLYEHWEK.Q	21
PSTAT-8112	proteomics_stat	4481932	4482003	-	5	2	R.TSFADFATAFTEVVDFVPYEDSLK.Q	28
PSTAT-8113	proteomics_stat	4482079	4482150	-	5	2	R.LDEALWARPAESFVPHNLAGEGPR.G	28
PSTAT-8114	proteomics_stat	4482487	4482537	-	5	20	K.GATGRPVALLAQFLLNR.A	21
PSTAT-8115	proteomics_stat	4482553	4482594	-	5	4	K.YNWAHLDIAGTAWR.S	18
PSTAT-8116	proteomics_stat	4482607	4482717	-	5	2	R.LPLGDEYQEQLSINFADMANIGGRPGGAITAGCFLSR.F	41
PSTAT-8117	proteomics_stat	4482907	4482984	-	5	24	R.AYRPGDVLTTMSGQTVLEVLNTDAEGR.L	30
PSTAT-8118	proteomics_stat	4482985	4483059	-	5	7	R.MVAELQLPINVIGVLGCENMPGG.R.A	29
PSTAT-8119	proteomics_stat	4483165	4483209	-	5	3	K.GNASEDARPIVLVVK.G	19
PSTAT-8120	proteomics_stat	4483210	4483287	-	5	2	K.ELGMHSYLAVGQGSQNESLMSVIEYK.G	30
PSTAT-8121	proteomics_stat	4483351	4483410	-	5	8	K.DLGNMPPNICNAAYLASQAR.Q	24
PSTAT-8122	proteomics_stat	4483420	4483458	-	5	22	R.AIQHGLAIAAGIK.A	17
PSTAT-8123	proteomics_stat	4483621	4483689	-	5	3	K.TINTLNDTGSMEAVCFLTELHVK.G	27

PSTAT-8124	proteomics_stat	4483759	4483830	-	5	13	R.RGELEGKPGQTLLLHHVPNVLSER.I	28
PSTAT-8125	proteomics_stat	4483831	4483863	-	5	2	K.ISDGYISALLR.R	15
PSTAT-8126	proteomics_stat	4483831	4483893	-	5	8	R.LSPIAEQLDKISDGYISALLR.R	25
PSTAT-8127	proteomics_stat	4483864	4483896	-	5	4	R.RLSPIAEQLDK.I	15
PSTAT-8128	proteomics_stat	4486659	4486685	-	4	3	K.DGVVQTMAS.S	13
PSTAT-8129	proteomics_stat	4486698	4486766	-	4	4	K.EVAVDDGILGGLKDILFGTTGPR.G	27
PSTAT-8130	proteomics_stat	4486698	4486772	-	4	3	K.GKEVAVDDGILGGLKDILFGTTGPR.G	29
PSTAT-8131	proteomics_stat	4486773	4486817	-	4	3	K.GFQASTEQQNPPAK.G	19
PSTAT-8132	proteomics_stat	4486866	4486901	-	4	3	R.NGLINHSPVYGK.Y	16
PSTAT-8133	proteomics_stat	4486866	4486928	-	4	4	R.MGPVTEDERNGLINHSPVYGK.Y	25
PSTAT-8134	proteomics_stat	4487466	4487531	-	4	2	R.GLLSLEQQGAAHFFGEPMLDIK.D	26
PSTAT-8135	proteomics_stat	4487532	4487588	-	4	2	K.SFQNYGNISSASVGAIQR.G	23
PSTAT-8136	proteomics_stat	4487670	4487720	-	4	2	R.LLNLNDVQSGVLNIIFR.I	21
PSTAT-8137	proteomics_stat	4487862	4487906	-	4	3	K.GDLTGVAQAGTVSEK.L	19
PSTAT-8138	proteomics_stat	4487907	4487960	-	4	3	K.LAESLSEIGVPVFMADVK.G	22
PSTAT-8139	proteomics_stat	4488015	4488059	-	4	3	R.TPDTELFLLPGMANR.H	19
PSTAT-8140	proteomics_stat	4509529	4509645	-	5	2	R.HRRLLPVSALTGALLLVVADLLARIIHPPLELPVGLTA.I	43
PSTAT-8141	proteomics_stat	4509988	4510056	-	5	2	K.MLAKTHQPMKLALTGVALSACWA.S	27
PSTAT-8142	proteomics_stat	4510057	4510104	-	5	2	L.PLLAFAGGMAGLILLK.M	20
PSTAT-8143	proteomics_stat	4511951	4512004	-	6	2	R.HAGVYIALQQIAPVLLLK.S	22
PSTAT-8144	proteomics_stat	4517535	4517582	-	4	2	R.FYDKEGMPVVADVDQR.I	20
PSTAT-8145	proteomics_stat	4517655	4517702	-	4	3	K.AFFVVGNALDENPLIR.V	20
PSTAT-8146	proteomics_stat	4526437	4526484	-	5	2	K.TLFNIVPEAAVYLGNR.D	20
PSTAT-8147	proteomics_stat	4526698	4526730	-	5	7	K.VRPETTAAMAR.I	15
PSTAT-8148	proteomics_stat	4528308	4528382	-	4	4	R.TNSDYGIPTLNGAALLTGINDDALK.Q	29
PSTAT-8149	proteomics_stat	4528494	4528547	-	4	2	K.ILVACGTGMSTSTMIAHK.L	22
PSTAT-8150	proteomics_stat	4528787	4528831	-	6	6	R.MLEQTALEHNIPVQR.E	19
PSTAT-8151	proteomics_stat	4529492	4529521	-	6	2	R.YGSDKPDALR.L	14
PSTAT-8152	proteomics_stat	4535742	4535810	-	4	3	R.AYGVSLPWNNSLIIGGETAGGK.A	27
PSTAT-8153	proteomics_stat	4536087	4536125	-	4	2	K.TWLINGEAKPGLR.T	17
PSTAT-8154	proteomics_stat	4536462	4536503	-	4	2	K.NSEGLTQVFNDVHK.Y	18
PSTAT-8155	proteomics_stat	4551425	4551466	-	6	9	H.RKRFQPFFTTQQR.F	18
PSTAT-8156	proteomics_stat	4552451	4552501	-	6	6	L.ISNYTISTGSHVQVQVK.K	21
PSTAT-8157	proteomics_stat	4556181	4556264	-	4	2	L.YDFLTLEKCRNFSQAAVSRNVSQPAFSR.R	32
PSTAT-8158	proteomics_stat	4556515	4556592	-	5	3	K.DYDFSISDALRPLTSSVAGFLNLTGK.G	30
PSTAT-8159	proteomics_stat	4556812	4556850	-	5	2	R.NVPLFEQALEFAR.K	17
PSTAT-8160	proteomics_stat	4556932	4556991	-	5	2	R.VGGLLGGKPGVTVFHMGDSK.K	24
PSTAT-8161	proteomics_stat	4556992	4557042	-	5	3	R.SAAPDVYHLANMAAESR.V	21
PSTAT-8162	proteomics_stat	4557079	4557123	-	5	2	R.TITGSVEKDVAIIDR.V	19
PSTAT-8163	proteomics_stat	4557193	4557216	-	5	3	R.HPESLLAK.T	12
PSTAT-8164	proteomics_stat	4557217	4557276	-	5	2	R.LTEAGVTSVVGLLGTDSISR.H	24
PSTAT-8165	proteomics_stat	4564310	4564336	-	6	2	K.VDINSEDSR.V	13
PSTAT-8166	proteomics_stat	4575991	4576014	-	5	4	T.EMDQQIIR.G	12
PSTAT-8167	proteomics_stat	4576791	4576868	-	4	2	K.TESYCLEDALNDLFIPETTIETILKR.L	30
PSTAT-8168	proteomics_stat	4578295	4578336	-	5	4	R.RVEQLFAYADTIEK.Q	18
PSTAT-8169	proteomics_stat	4578529	4578564	-	5	3	K.KLQHQNLLYPDK.L	16

PSTAT-8170	proteomics_stat	4578679	4578708	-	5	4	R.AGHVDQNDIR.F	14
PSTAT-8171	proteomics_stat	4578778	4578813	-	5	2	K.KLNFESILTEL.R.N	16
PSTAT-8172	proteomics_stat	4578937	4578987	-	5	2	K.IIAEKLDTLAQQVDSTK.A	21
PSTAT-8173	proteomics_stat	4579351	4579398	-	5	2	K.EQAINYLKDDYLPLIR.A	20
PSTAT-8174	proteomics_stat	4579417	4579470	-	5	4	K.LPEGWVIAPVSTVTTLIR.G	22
PSTAT-8175	proteomics_stat	4579521	4579556	-	4	4	R.ELGASDEADLQR.Q	16
PSTAT-8176	proteomics_stat	4579863	4579901	-	4	2	R.TPFTDEHLQPFER.V	17
PSTAT-8177	proteomics_stat	4579929	4579994	-	4	2	K.GTVANPNQDKNCTDDVWVYDLR.T	26
PSTAT-8178	proteomics_stat	4580235	4580294	-	4	7	K.AHIVATNPPFGSAAGTNITR.T	24
PSTAT-8179	proteomics_stat	4580295	4580336	-	4	2	R.LGNTLGSDGENLPK.A	18
PSTAT-8180	proteomics_stat	4580337	4580402	-	4	6	R.LALMNCLLHDIEGNLDHGGAIR.L	26
PSTAT-8181	proteomics_stat	4580511	4580567	-	4	2	R.EVVQDPAAGTAGFLIEADR.Y	23
PSTAT-8182	proteomics_stat	4580568	4580600	-	4	3	K.TIIHLLKQP.R.E	15
PSTAT-8183	proteomics_stat	4580661	4580705	-	4	3	K.SRDDFGDMYEGLLQK.N	19
PSTAT-8184	proteomics_stat	4580769	4580819	-	4	3	K.LVQAVFHNVSTTITEPK.Q	21
PSTAT-8185	proteomics_stat	4580820	4580852	-	4	3	K.MLVHLGEDDKK.L	15
PSTAT-8186	proteomics_stat	4581734	4581799	-	6	4	K.SLYGDYDTPQDFLEAFDSLVR.S	26
PSTAT-8187	proteomics_stat	4582685	4582759	-	6	3	R.ISPQGEVINDTLEDDQDFEVADFNR.G	29
PSTAT-8188	proteomics_stat	4582880	4582942	-	6	2	K.IALTATPALHTVQIFGEPVYR.Y	25
PSTAT-8189	proteomics_stat	4583123	4583155	-	6	6	K.IHVATVQSLV.K.R	15
PSTAT-8190	proteomics_stat	4584263	4584307	-	6	6	R.EKAQTQAEVEAQQQK.L	19
PSTAT-8191	proteomics_stat	4586385	4586411	-	4	2	K.TDVAGEAEK.L	13
PSTAT-8192	proteomics_stat	4586610	4586681	-	4	8	R.SNELEDALLDLLNLDKGNIQFDR.L	28
PSTAT-8193	proteomics_stat	4586793	4586822	-	4	2	R.HILNEQHGYK.I	14
PSTAT-8194	proteomics_stat	4586838	4586888	-	4	7	S.MNPIAVTLLTGFLGAGK.T	21
PSTAT-8195	proteomics_stat	4598774	4598821	-	6	3	R.SGIRPLHQNCSEFENYR.V	20
PSTAT-8196	proteomics_stat	4599277	4599363	-	5	2	K.LARPGSDVALDDQLYQEPQAAPVAVPMGK.F	33
PSTAT-8197	proteomics_stat	4604863	4604940	-	5	2	R.FDMIISNPPFHDGMQTSLDAAQTLIR.G	30
PSTAT-8198	proteomics_stat	4604863	4604946	-	5	3	K.GRFDMIISNPPFHDGMQTSLDAAQTLIR.G	32
PSTAT-8199	proteomics_stat	4605133	4605189	-	5	2	R.DGLDVGSQQLLSTLTPHTK.G	23
PSTAT-8200	proteomics_stat	4605139	4605189	-	5	2	R.DGLDVGSQQLLSTLTPH.T	21
PSTAT-8201	proteomics_stat	4605325	4605366	-	5	2	R.SAEQMLADYAPLNK.V	18
PSTAT-8202	proteomics_stat	4605616	4605657	-	5	2	R.ILFAGDLQDDLPAR.L	18
PSTAT-8203	proteomics_stat	4605658	4605684	-	5	5	R.HSDDFEQSR.I	13
PSTAT-8204	proteomics_stat	4615053	4615085	-	4	3	M.PTSHENALQQR.C	15
PSTAT-8205	proteomics_stat	4621250	4621306	-	6	3	R.AQVFTDSLNPAPLEALAGR.L	23
PSTAT-8206	proteomics_stat	4621847	4621927	-	6	4	R.SSGGAVFHDLGNTCFTFMAGKPEYDK.T	31
PSTAT-8207	proteomics_stat	4627043	4627102	-	6	3	R.ALENALLEFPGCAMVISHDR.W	24
PSTAT-8208	proteomics_stat	4627103	4627153	-	6	3	N.MLLLDEPTNDLDIETLR.A	21
PSTAT-8209	proteomics_stat	4627103	4627174	-	6	12	K.LLQVGGNMLLLDEPTNDLDIETLR.A	28
PSTAT-8210	proteomics_stat	4627196	4627222	-	6	2	R.VGELSGGER.G	13
PSTAT-8211	proteomics_stat	4627196	4627225	-	6	5	K.RVGELSGGER.G	14
PSTAT-8212	proteomics_stat	4627271	4627297	-	6	2	K.IGNTEMPSR.A	13
PSTAT-8213	proteomics_stat	4627298	4627339	-	6	5	K.TVWEEVSGGLDIMK.I	18
PSTAT-8214	proteomics_stat	4627340	4627384	-	6	4	K.LASVDQFRDSMDNSK.T	19
PSTAT-8215	proteomics_stat	4627361	4627384	-	6	2	K.LASVDQFR.D	12

PSTAT-8216	proteomics_stat	4627385	4627444	-	6	6	R.MISGQEQPDSGTITLGETVK.L	24
PSTAT-8217	proteomics_stat	4627460	4627501	-	6	5	K.GAIVGIIGPNGAGK.S	18
PSTAT-8218	proteomics_stat	4627502	4627537	-	6	3	R.LLIDDLFSFIPK.G	16
PSTAT-8219	proteomics_stat	4627592	4627630	-	6	2	R.NETNELFIPPGPR.L	17
PSTAT-8220	proteomics_stat	4627592	4627633	-	6	14	K.RNETNELFIPPGPR.L	18
PSTAT-8221	proteomics_stat	4627631	4627666	-	6	2	R.FEELNSTEYQKR.N	16
PSTAT-8222	proteomics_stat	4627634	4627666	-	6	3	R.FEELNSTEYQK.R	15
PSTAT-8223	proteomics_stat	4627751	4627783	-	6	9	R.LAQEASQEAAR.R	15
PSTAT-8224	proteomics_stat	4627751	4627786	-	6	4	Q.RLAQEASQEAAR.R	16
PSTAT-8225	proteomics_stat	4627793	4627843	-	6	3	R.GEGIPWEGNYSSWLEQK.D	21
PSTAT-8226	proteomics_stat	4627889	4627936	-	6	18	R.FLHDFEGTVVAITHDR.Y	20
PSTAT-8227	proteomics_stat	4627937	4628020	-	6	5	R.LLLEKPDMLLLDEPTNHLDAESVAWLER.F	32
PSTAT-8228	proteomics_stat	4628042	4628068	-	6	2	K.IANLSGGER.R	13
PSTAT-8229	proteomics_stat	4628069	4628107	-	6	3	R.AADALRLPDWDAK.I	17
PSTAT-8230	proteomics_stat	4628108	4628164	-	6	6	R.LEEIIQAHDGHNLNVQLER.A	23
PSTAT-8231	proteomics_stat	4628165	4628239	-	6	9	K.RLDEVYALYADPDADFDKLAEEQGR.L	29
PSTAT-8232	proteomics_stat	4628237	4628284	-	6	5	R.ESIEEAVSEVVNALKR.L	20
PSTAT-8233	proteomics_stat	4628240	4628284	-	6	17	R.ESIEEAVSEVVNALK.R	19
PSTAT-8234	proteomics_stat	4628285	4628335	-	6	5	K.IGYLPQEPQLNPEHTVR.E	21
PSTAT-8235	proteomics_stat	4628336	4628395	-	6	5	R.IMAGIDKIDIEGEARPPDIK.I	24
PSTAT-8236	proteomics_stat	4628411	4628443	-	6	3	K.IGVLGLNGAGK.S	15
PSTAT-8237	proteomics_stat	4628444	4628476	-	6	2	K.NISLSFFPGAK.I	15
PSTAT-8238	proteomics_stat	4628516	4628542	-	6	3	V.AQFVYTMHR.V	13
PSTAT-8239	proteomics_stat	4631056	4631163	-	5	12	A.SGIRCTMPDAPRLIRPTKSI AFQQHLFQPLAQLDGR.G	40
PSTAT-8240	proteomics_stat	4632854	4632946	-	6	2	K.FVTLEDTPLIGVTQSYSCSLEQISDFRHEMR.Y	35
PSTAT-8241	proteomics_stat	4632866	4632946	-	6	3	K.FVTLEDTPLIGVTQSYSCSLEQISDFR.H	31
PSTAT-8242	proteomics_stat	4632947	4632976	-	6	2	R.LGEFTMPEHK.F	14
PSTAT-8243	proteomics_stat	4633091	4633132	-	6	10	R.LTARPILDIALQYR.F	18
PSTAT-8244	proteomics_stat	4633169	4633204	-	6	4	K.DVTGHAIGAYIR.A	16
PSTAT-8245	proteomics_stat	4633244	4633309	-	6	6	R.DLLIWLEGHLDQPLSLDNVAAK.A	26
PSTAT-8246	proteomics_stat	4637637	4637699	-	4	36	K.HFESTPDTPEIIATIHGEGYR.F	25
PSTAT-8247	proteomics_stat	4637637	4637702	-	4	18	R.KHFESTPDTPEIIATIHGEGYR.F	26
PSTAT-8248	proteomics_stat	4637796	4637828	-	4	13	R.AMLHFCENPGK.I	15
PSTAT-8249	proteomics_stat	4637841	4637882	-	4	9	R.SLIGPDGEQYKLP.R.S	18
PSTAT-8250	proteomics_stat	4637850	4637882	-	4	2	R.SLIGPDGEQYK.L	15
PSTAT-8251	proteomics_stat	4637883	4637915	-	4	5	K.FNGWELDINSR.S	15
PSTAT-8252	proteomics_stat	4637937	4637969	-	4	4	R.TMNLGTVSEER.R	15
PSTAT-8253	proteomics_stat	4637937	4637972	-	4	2	S.RTMNLGTVSEER.R	16
PSTAT-8254	proteomics_stat	4638006	4638062	-	4	13	K.ILGLEIGADDYITKPFNPR.E	23
PSTAT-8255	proteomics_stat	4638006	4638080	-	4	41	R.DNEVDKILGLEIGADDYITKPFNPR.E	29
PSTAT-8256	proteomics_stat	4638081	4638119	-	4	9	R.EQANVALMFLTGR.D	17
PSTAT-8257	proteomics_stat	4638282	4638314	-	4	5	H.ILIVEDLVTR.N	15
PSTAT-8258	proteomics_stat	4638282	4638329	-	4	24	N.MQTPHILIVEDLVTR.N	20
PPUB+1	Proteomics_pub	352	384	+	1		FGGTSVANAER	11
PPUB+2	Proteomics_pub	394	423	+	1		VADILESNAER	10
PPUB+3	Proteomics_pub	424	462	+	1		QGQVATVLSAPAK	13

PPUB+4	Proteomics_pub	463	495	+	1	ITNHLVAMIEK	11
PPUB+5	Proteomics_pub	496	543	+	1	TISGQDALPNISDAER	16
PPUB+6	Proteomics_pub	544	609	+	1	IFAE LLTGLAAAQPGFPLAQLK	22
PPUB+7	Proteomics_pub	610	642	+	1	TFVDQEFAQIK	11
PPUB+8	Proteomics_pub	643	720	+	1	HVLHGISLLGQCPDSINAALICRGEK	26
PPUB+9	Proteomics_pub	760	795	+	1	GHNVTVIDPVEK	12
PPUB+10	Proteomics_pub	796	852	+	1	LLAVGHYLESTVDIAESTR	19
PPUB+11	Proteomics_pub	871	924	+	1	IPADHMVLMAGFTAGNEK	18
PPUB+12	Proteomics_pub	949	993	+	1	NGSDYSAAVLAACL	15
PPUB+13	Proteomics_pub	1141	1185	+	1	TITPIAQFQIPCLIK	15
PPUB+14	Proteomics_pub	1186	1233	+	1	NTGNPQAPGTLIGASR	16
PPUB+15	Proteomics_pub	1486	1521	+	1	EGLLEPLAVTER	12
PPUB+16	Proteomics_pub	1522	1557	+	1	LAIISVVDGDMR	12
PPUB+17	Proteomics_pub	1603	1647	+	1	ANINIVAI AQSSER	15
PPUB+18	Proteomics_pub	1648	1695	+	1	SISVVVNNDDATTGVR	16
PPUB+19	Proteomics_pub	2044	2076	+	1	EGFHVVTPNKK	11
PPUB+20	Proteomics_pub	2077	2115	+	1	ANTSSMDYHQLR	13
PPUB+21	Proteomics_pub	2143	2229	+	1	FLYDTNVGAGLPVIENLQNLNAGDELMK	29
PPUB+22	Proteomics_pub	2320	2349	+	1	EMGYTEPDPR	10
PPUB+23	Proteomics_pub	2350	2379	+	1	DDLSGMDVAR	10
PPUB+24	Proteomics_pub	2569	2604	+	1	YVGNIDEDGVCR	12
PPUB+25	Proteomics_pub	2611	2646	+	1	IAEVDGNDPLFK	12
PPUB+26	Proteomics_pub	2984	3013	+	2	ENIVYQCWER	10
PPUB+27	Proteomics_pub	3167	3199	+	2	LLALMGELEGR	11
PPUB+28	Proteomics_pub	3482	3505	+	2	DVIAEPYR	8
PPUB+29	Proteomics_pub	3656	3697	+	2	NYLQNEGEGFVHICR	14
PPUB+30	Proteomics_pub	3755	3808	+	2	DHNEQVSFAQAVTQGLGK	18
PPUB+31	Proteomics_pub	3809	3877	+	2	NQGLFFPHDLPEFSLTEIDEMLK	23
PPUB+32	Proteomics_pub	3905	3958	+	2	ILSAFIGDEIPQEILEER	18
PPUB+33	Proteomics_pub	4316	4342	+	2	QAFDDEELK	9
PPUB+34	Proteomics_pub	4343	4387	+	2	VALGLNSANSINISR	15
PPUB+35	Proteomics_pub	4448	4513	+	2	NQLVSVPSGNFGDLTAGLLAK	22
PPUB+36	Proteomics_pub	4535	4576	+	2	RFIAATNVNDTVPR	14
PPUB+37	Proteomics_pub	4538	4576	+	2	FIAATNVNDTVPR	13
PPUB+38	Proteomics_pub	4577	4606	+	2	FLHDGQWSPK	10
PPUB+39	Proteomics_pub	4706	4756	+	2	ELGYAAVDDETTQQTMR	17
PPUB+40	Proteomics_pub	4766	4810	+	2	ELGYTSEPHAAVAYR	15
PPUB+41	Proteomics_pub	4820	4876	+	2	DQLNPGEYGLFLGTAHPAK	19
PPUB+42	Proteomics_pub	4943	4996	+	2	ADLPLLSHNLPAFPAALR	18
PPUB+43	Proteomics_pub	4943	4999	+	2	ADLPLLSHNLPAFPAALRK	19
PPUB+44	Proteomics_pub	8265	8312	+	3	QYTTVVADTGDIAMK	16
PPUB+45	Proteomics_pub	8313	8384	+	3	LYQPQDATTNPSLILNAAQIPEYR	24
PPUB+46	Proteomics_pub	8313	8387	+	3	LYQPQDATTNPSLILNAAQIPEYRK	25
PPUB+47	Proteomics_pub	8385	8417	+	3	KLIDDAVAWAK	11
PPUB+48	Proteomics_pub	8388	8417	+	3	LIDDAVAWAK	10
PPUB+49	Proteomics_pub	8418	8465	+	3	QQSNDRAQQIVDATDK	16

PPUB+50	Proteomics_pub	8436	8465	+	3	AQQIVDATDK	10
PPUB+51	Proteomics_pub	8466	8498	+	3	LAVNIGLEILK	11
PPUB+52	Proteomics_pub	8538	8570	+	3	LSYDTEASIAK	11
PPUB+53	Proteomics_pub	8538	8576	+	3	LSYDTEASIAKAK	13
PPUB+54	Proteomics_pub	8589	8621	+	3	LYNDAGISNDR	11
PPUB+55	Proteomics_pub	8589	8633	+	3	LYNDAGISNDRILIK	15
PPUB+56	Proteomics_pub	8634	8660	+	3	LASTWEGIR	9
PPUB+57	Proteomics_pub	8634	8660	+	3	LASTWQGIR	9
PPUB+58	Proteomics_pub	8682	8732	+	3	EGINCNLTLFSAQAR	17
PPUB+59	Proteomics_pub	8682	8732	+	3	EGINCNLTLFSAQAR	17
PPUB+60	Proteomics_pub	8733	8780	+	3	ACAEAGVFLISPFVGR	16
PPUB+61	Proteomics_pub	8733	8780	+	3	ACAEAGVFLISPFVGR	16
PPUB+62	Proteomics_pub	8817	8879	+	3	EYAPAEDPGVSVSEIYQYYK	21
PPUB+63	Proteomics_pub	8880	8921	+	3	EHGYETVVMGASFR	14
PPUB+64	Proteomics_pub	8922	8960	+	3	NIGEILELAGCDR	13
PPUB+65	Proteomics_pub	8922	8987	+	3	NIGEILELAGCDRLTIAPALLK	22
PPUB+66	Proteomics_pub	8988	9020	+	3	ELAESEGAIER	11
PPUB+67	Proteomics_pub	8988	9023	+	3	ELAESEGAIERK	12
PPUB+68	Proteomics_pub	9021	9047	+	3	KLSYTGEVK	9
PPUB+69	Proteomics_pub	9063	9119	+	3	ITSEFLWQHNDPMAVDK	19
PPUB+70	Proteomics_pub	9141	9170	+	3	FAIDQEKLEK	10
PPUB+71	Proteomics_pub	9546	9587	+	3	RDVTPDATLAVADR	14
PPUB+72	Proteomics_pub	9549	9587	+	3	DVTPDATLAVADR	13
PPUB+73	Proteomics_pub	9588	9617	+	3	EMPGFGEQMR	10
PPUB+74	Proteomics_pub	9618	9659	+	3	QISLHFVPTAILSR	14
PPUB+75	Proteomics_pub	9678	9716	+	3	KQALILNLPQPK	13
PPUB+76	Proteomics_pub	9681	9716	+	3	QALILNLPQPK	12
PPUB+77	Proteomics_pub	12172	12237	+	1	IIGIDLGTNSCVAIMDGTTPR	22
PPUB+78	Proteomics_pub	12238	12264	+	1	VLENAEGDR	9
PPUB+79	Proteomics_pub	12238	12327	+	1	VLENAEGDRTPPSIIAYTQDGETLVGQPAK	30
PPUB+80	Proteomics_pub	12265	12327	+	1	TTPSIIAYTQDGETLVGQPAK	21
PPUB+81	Proteomics_pub	12265	12330	+	1	TTPSIIAYTQDGETLVGQPAKR	22
PPUB+82	Proteomics_pub	12328	12372	+	1	RQAVTNPQNTLFAIK	15
PPUB+83	Proteomics_pub	12331	12372	+	1	QAVTNPQNTLFAIK	14
PPUB+84	Proteomics_pub	12331	12375	+	1	QAVTNPQNTLFAIKR	15
PPUB+85	Proteomics_pub	12415	12438	+	1	DVSIMPFK	8
PPUB+86	Proteomics_pub	12439	12480	+	1	IIAADNGDAWVEVK	14
PPUB+87	Proteomics_pub	12490	12525	+	1	MAPPQISAEVLK	12
PPUB+88	Proteomics_pub	12490	12528	+	1	MAPPQISAEVLKK	13
PPUB+89	Proteomics_pub	12535	12615	+	1	KTAEDYLGEVPTEAVITVPAYFNDAQR	27
PPUB+90	Proteomics_pub	12538	12615	+	1	TAEDYLGEVPTEAVITVPAYFNDAQR	26
PPUB+91	Proteomics_pub	12661	12711	+	1	RIINEPTAAALAYGLDK	17
PPUB+92	Proteomics_pub	12664	12711	+	1	IINEPTAAALAYGLDK	16
PPUB+93	Proteomics_pub	12664	12726	+	1	IINEPTAAALAYGLDKGTGNR	21
PPUB+94	Proteomics_pub	12727	12804	+	1	TIAVYDLGGGTFDISIIEIDEVDGEK	26
PPUB+95	Proteomics_pub	12805	12867	+	1	TFEVLATNGDTHLGGEDFDSR	21

PPUB+96	Proteomics_pub	12868	12897	+	1	LINYLVEEFK	10
PPUB+97	Proteomics_pub	12868	12900	+	1	LINYLVEEFKK	11
PPUB+98	Proteomics_pub	12922	12945	+	1	NDPLAMQR	8
PPUB+99	Proteomics_pub	12967	13044	+	1	AKIELSSAQQTVDNLPYITADATGPK	26
PPUB+100	Proteomics_pub	12973	13044	+	1	IELSSAQQTVDNLPYITADATGPK	24
PPUB+101	Proteomics_pub	13069	13107	+	1	AKLESLVEDLVNR	13
PPUB+102	Proteomics_pub	13075	13107	+	1	LESLVEDLVNR	11
PPUB+103	Proteomics_pub	13126	13197	+	1	VALQDAGLSVSDIDDVILVGGQTR	24
PPUB+104	Proteomics_pub	13216	13239	+	1	KVAEFFGK	8
PPUB+105	Proteomics_pub	13219	13248	+	1	VAEFFGKEPR	10
PPUB+106	Proteomics_pub	13249	13323	+	1	KDVNPDEAVAIGA AVQGGVLTGDVK	25
PPUB+107	Proteomics_pub	13252	13323	+	1	DVNPDEAVAIGA AVQGGVLTGDVK	24
PPUB+108	Proteomics_pub	13324	13404	+	1	DVLLLDVTPLSLGIETMGGVMTTLIAK	27
PPUB+109	Proteomics_pub	13426	13497	+	1	HSQVFSTAEDNQSAVTIHVLQGER	24
PPUB+110	Proteomics_pub	13426	13500	+	1	HSQVFSTAEDNQSAVTIHVLQGERK	25
PPUB+111	Proteomics_pub	13504	13563	+	1	AADNKSLGQFNLDGINPAPR	20
PPUB+112	Proteomics_pub	13519	13563	+	1	SLGQFNLDGINPAPR	15
PPUB+113	Proteomics_pub	13669	13704	+	1	ASSGLNEDEIQK	12
PPUB+114	Proteomics_pub	13714	13743	+	1	DAEANAADR	10
PPUB+115	Proteomics_pub	13714	13746	+	1	DAEANAADRK	11
PPUB+116	Proteomics_pub	13771	13803	+	1	NQGDHLLHSTR	11
PPUB+117	Proteomics_pub	13771	13806	+	1	NQGDHLLHSTRK	12
PPUB+118	Proteomics_pub	13807	13848	+	1	QVEEAGDKLPADDK	14
PPUB+119	Proteomics_pub	13849	13893	+	1	TAIESALTALETALK	15
PPUB+120	Proteomics_pub	13849	13905	+	1	TAIESALTALETALKGEDK	19
PPUB+121	Proteomics_pub	13924	13953	+	1	MQELAQVSQK	10
PPUB+122	Proteomics_pub	13954	14028	+	1	LMEIAQQQHAQQQTAGADASANNAK	25
PPUB+123	Proteomics_pub	13954	14067	+	1	LMEIAQQQHAQQQTAGADASANNAKDDDVVDAEFEEVK	38
PPUB+124	Proteomics_pub	14029	14067	+	1	DDDVVDAEFEEVK	13
PPUB+125	Proteomics_pub	14177	14209	+	2	QDYEILGVSK	11
PPUB+126	Proteomics_pub	14321	14353	+	2	EAYEVLTD SQK	11
PPUB+127	Proteomics_pub	14321	14356	+	2	EAYEVLTD SQKR	12
PPUB+128	Proteomics_pub	14687	14734	+	2	QGF FAVQQTCPHCQGR	16
PPUB+129	Proteomics_pub	14813	14842	+	2	IPAGVDTGDR	10
PPUB+130	Proteomics_pub	15110	15139	+	2	GGAQGDLLCR	10
PPUB+131	Proteomics_pub	15140	15175	+	2	VVVETPVGLNER	12
PPUB+132	Proteomics_pub	15182	15244	+	2	QLLQELQESFGGPTGEHNSPR	21
PPUB+133	Proteomics_pub	15272	15295	+	2	KFFDDLTR	8
PPUB+134	Proteomics_pub	22406	22444	+	2	STLNLPETGFPMR	13
PPUB+135	Proteomics_pub	22460	22483	+	2	REPGLMAR	8
PPUB+136	Proteomics_pub	22484	22516	+	2	WTDDDLYGIIR	11
PPUB+137	Proteomics_pub	22637	22705	+	2	GLSGYDSPYVPGWDCHGLPIELK	23
PPUB+138	Proteomics_pub	22706	22738	+	2	VEQEYKPGEK	11
PPUB+139	Proteomics_pub	22772	22804	+	2	EYAATQVDGQR	11
PPUB+140	Proteomics_pub	22820	22870	+	2	LGVLDW SHPYLTMDFK	17
PPUB+141	Proteomics_pub	22904	22930	+	2	IIGNHHLHK	9

PPUB+142	Proteomics_pub	22931	22966	+	2	GAKPVHWCVDCR	12
PPUB+143	Proteomics_pub	22967	23005	+	2	SALAEAEVEYYDK	13
PPUB+144	Proteomics_pub	23006	23059	+	2	TSPSIDVAFQAVDQDALK	18
PPUB+145	Proteomics_pub	23066	23143	+	2	FAVSNVNGPISLVIWTTTPWTLPANR	26
PPUB+146	Proteomics_pub	23216	23242	+	2	DLVESVMQR	9
PPUB+147	Proteomics_pub	23243	23281	+	2	IGVTDYITILGTVK	13
PPUB+148	Proteomics_pub	23525	23560	+	2	ANDIVALLQEK	12
PPUB+149	Proteomics_pub	23585	23614	+	2	MQHSYPCCW	10
PPUB+150	Proteomics_pub	23615	23638	+	2	HKTPIIFR	8
PPUB+151	Proteomics_pub	23639	23674	+	2	ATPQWFVSMQK	12
PPUB+152	Proteomics_pub	23708	23743	+	2	GVQWIPDWGQAR	12
PPUB+153	Proteomics_pub	23744	23788	+	2	IESMVANRPDWCISR	15
PPUB+154	Proteomics_pub	23795	23830	+	2	TWGVPMSLFVHK	12
PPUB+155	Proteomics_pub	23831	23854	+	2	DTEELHPR	8
PPUB+156	Proteomics_pub	23855	23884	+	2	TLELMEEVAK	10
PPUB+157	Proteomics_pub	23885	23932	+	2	RVEVDGIQAWWDLDAK	16
PPUB+158	Proteomics_pub	23933	23968	+	2	EILGDEADQYVK	12
PPUB+159	Proteomics_pub	24152	24193	+	2	QVLTHGFTVDGQGR	14
PPUB+160	Proteomics_pub	24206	24247	+	2	SIGNTVSPQDVMNK	14
PPUB+161	Proteomics_pub	24371	24409	+	2	FLLANLNGFDPK	13
PPUB+162	Proteomics_pub	24410	24448	+	2	DMVKPEEMVVLDR	13
PPUB+163	Proteomics_pub	24449	24469	+	2	WAVGCAK	7
PPUB+164	Proteomics_pub	24494	24532	+	2	AYEAYDFHEVVQR	13
PPUB+165	Proteomics_pub	24626	24673	+	2	RSCQTALYHIAEALVR	16
PPUB+166	Proteomics_pub	24629	24673	+	2	SCQTALYHIAEALVR	15
PPUB+167	Proteomics_pub	24674	24736	+	2	WMAPILSFTADEVWGYLPGER	21
PPUB+168	Proteomics_pub	24944	24970	+	2	LTALGDEL	9
PPUB+169	Proteomics_pub	24971	25051	+	2	FVLLTSGATVADYNDAPADAQQSEVLK	27
PPUB+170	Proteomics_pub	25100	25129	+	2	CWHYTDQVVGK	10
PPUB+171	Proteomics_pub	25130	25159	+	2	VAEHAEICGR	10
PPUB+172	Proteomics_pub	25160	25192	+	2	CVSNVAGDGEK	11
PPUB+173	Proteomics_pub	25160	25195	+	2	CVSNVAGDGEKR	12
PPUB+174	Proteomics_pub	25880	25912	+	2	LDDGTTAESTR	11
PPUB+175	Proteomics_pub	25940	25993	+	2	LGDASLSEGLEQHLLGLK	18
PPUB+176	Proteomics_pub	26277	26303	+	3	MQILLANPR	9
PPUB+177	Proteomics_pub	27024	27056	+	3	DIQEEWVKEVK	11
PPUB+178	Proteomics_pub	28491	28544	+	3	EGSSLLGSDAGELAGAGK	18
PPUB+179	Proteomics_pub	28665	28706	+	3	GMVIGTTGFDEAGK	14
PPUB+180	Proteomics_pub	28977	29009	+	3	VPGTIGFATVR	11
PPUB+181	Proteomics_pub	29094	29120	+	3	MTFANGAVR	9
PPUB+182	Proteomics_pub	29121	29144	+	3	SALWLSGK	8
PPUB+183	Proteomics_pub	29660	29704	+	2	SALLVLEDGTQFHGR	15
PPUB+184	Proteomics_pub	29900	29929	+	2	DLPLIASNFR	10
PPUB+185	Proteomics_pub	29930	29959	+	2	NTEDLSSYLK	10
PPUB+186	Proteomics_pub	29960	29998	+	2	RHNIVAIADIDTR	13
PPUB+187	Proteomics_pub	30026	30088	+	2	GAQNGCIIAGDNPDAALALEK	21

PPUB+188	Proteomics_pub	30095	30130	+	2	AFPGLNGMDLAK	12
PPUB+189	Proteomics_pub	30206	30256	+	2	KEDELPFHVVAYDFGAK	17
PPUB+190	Proteomics_pub	30296	30340	+	2	LTIVPAQTS AEDVLK	15
PPUB+191	Proteomics_pub	30341	30421	+	2	MNPDGIFLSNGPGDPAPCDYAITAIQK	27
PPUB+192	Proteomics_pub	30641	30676	+	2	SLFDGTLQGIHR	12
PPUB+193	Proteomics_pub	30946	31041	+	1	VILVNSNPATIMTDPEMADATYIEPIHWEVVR	32
PPUB+194	Proteomics_pub	31057	31128	+	1	ERPDAVLPTMGGQTALNCALELER	24
PPUB+195	Proteomics_pub	31372	31398	+	1	EEFEEICAR	9
PPUB+196	Proteomics_pub	31399	31422	+	1	GLDLSPTK	8
PPUB+197	Proteomics_pub	31423	31458	+	1	ELLIDESLIGWK	12
PPUB+198	Proteomics_pub	31636	31689	+	1	EIGVETGGSNVQFAVNP	18
PPUB+199	Proteomics_pub	31699	31725	+	1	LIVIEMNPR	9
PPUB+200	Proteomics_pub	31756	31779	+	1	ATGFPIAK	8
PPUB+201	Proteomics_pub	31792	31845	+	1	LAVGYTLDELMNDITGGR	18
PPUB+202	Proteomics_pub	31846	31890	+	1	TPASFEPSIDYVVT	15
PPUB+203	Proteomics_pub	31954	31983	+	1	SVGEVMAIGR	10
PPUB+204	Proteomics_pub	32017	32052	+	1	GLEVGATGFDPK	12
PPUB+205	Proteomics_pub	32053	32085	+	1	VSLDDPEALTK	11
PPUB+206	Proteomics_pub	32104	32148	+	1	DAGADRIWYIADAFR	15
PPUB+207	Proteomics_pub	32122	32148	+	1	IWYIADAFR	9
PPUB+208	Proteomics_pub	32149	32196	+	1	AGLSVDGVFNLTNIDR	16
PPUB+209	Proteomics_pub	32242	32286	+	1	VAEVGITGLNADFLR	15
PPUB+210	Proteomics_pub	32500	32529	+	1	IMVLGGGPNR	10
PPUB+211	Proteomics_pub	32662	32709	+	1	LYFEPVTLEDVLEIVR	16
PPUB+212	Proteomics_pub	32725	32763	+	1	GVIVQYGGQTPLK	13
PPUB+213	Proteomics_pub	32773	32829	+	1	ALEAAGVPVIGTSPDAIDR	19
PPUB+214	Proteomics_pub	32875	32928	+	1	LKQPANATVTAIEMAVEK	18
PPUB+215	Proteomics_pub	32923	32985	+	1	EAVADIGYPCIVKPMSSSGK	21
PPUB+216	Proteomics_pub	32935	32985	+	1	EIGYPLVVRPSYVLGGR	17
PPUB+217	Proteomics_pub	32986	33024	+	1	AMEIVYDEADLRR	13
PPUB+218	Proteomics_pub	33286	33315	+	1	GLMNVQFAVK	10
PPUB+219	Proteomics_pub	33316	33351	+	1	NNEVYLIEVNPR	12
PPUB+220	Proteomics_pub	33433	33459	+	1	SLAEQGVTK	9
PPUB+221	Proteomics_pub	33490	33513	+	1	EVVLPFNK	8
PPUB+222	Proteomics_pub	33514	33552	+	1	FPGVDPLLGP	13
PPUB+223	Proteomics_pub	33553	33582	+	1	STGEVMGVGR	10
PPUB+224	Proteomics_pub	33607	33636	+	1	AQLGSNSTMK	10
PPUB+225	Proteomics_pub	33835	33876	+	1	NGEYTYIINTTSGR	14
PPUB+226	Proteomics_pub	34000	34035	+	1	VISVQEMHAQIK	12
PPUB+227	Proteomics_pub	85777	85818	+	1	HEQAAVHMADGLAR	14
PPUB+228	Proteomics_pub	86566	86604	+	1	TVTADIPVGDAR	13
PPUB+229	Proteomics_pub	86743	86778	+	1	IKPQAVIETLWR	12
PPUB+230	Proteomics_pub	86869	86931	+	1	WINSGGLGTMGFGLPAALGVK	21
PPUB+231	Proteomics_pub	87435	87491	+	3	GYNIESLTVAPTDDPTLSR	19
PPUB+232	Proteomics_pub	87492	87521	+	3	MTIQTVGDEK	10
PPUB+233	Proteomics_pub	87573	87608	+	3	VSELGQGAHVER	12

PPUB+234	Proteomics_pub	93187	93225	+	1	DLLAPWVPDAPSR	13
PPUB+235	Proteomics_pub	93760	93792	+	1	FAASVFTNLSR	11
PPUB+236	Proteomics_pub	93991	94032	+	1	ATEVNYHDSGATIR	14
PPUB+237	Proteomics_pub	94791	94823	+	3	FDAHDFADQAK	11
PPUB+238	Proteomics_pub	94953	94982	+	3	VVALTGSSGK	10
PPUB+239	Proteomics_pub	100196	100228	+	2	VLVVGGSQGAR	11
PPUB+240	Proteomics_pub	100265	100303	+	2	LGDSVTIWHQSGK	13
PPUB+241	Proteomics_pub	101398	101442	+	1	QTFINFLHNLPHYGR	15
PPUB+242	Proteomics_pub	101542	101592	+	1	VEDYQQIGPQGHFTLLR	17
PPUB+243	Proteomics_pub	101713	101742	+	1	ALESFQGTGR	10
PPUB+244	Proteomics_pub	102202	102237	+	1	LKPQTPEEEQHD	12
PPUB+245	Proteomics_pub	102245	102280	+	2	IAVLLGGTSAER	12
PPUB+246	Proteomics_pub	102281	102325	+	2	EVSLNSGAAVLAGLR	15
PPUB+247	Proteomics_pub	102326	102361	+	2	EGGIDAYPVDPK	12
PPUB+248	Proteomics_pub	102641	102700	+	2	LGLPLFVKPANQGSSVGVSK	20
PPUB+249	Proteomics_pub	102701	102736	+	2	VVAENALQDALR	12
PPUB+250	Proteomics_pub	102839	102877	+	2	IQPSGTFYDYEAK	13
PPUB+251	Proteomics_pub	105305	105346	+	2	MFPEMELTNDAVIK	14
PPUB+252	Proteomics_pub	105347	105397	+	2	VIGVGGGGGNAVEHMVR	17
PPUB+253	Proteomics_pub	105458	105502	+	2	TAVGQTIQIGSGITK	15
PPUB+254	Proteomics_pub	105503	105538	+	2	GLGAGANPEVGR	12
PPUB+255	Proteomics_pub	105539	105571	+	2	NAADEDRLDALR	11
PPUB+256	Proteomics_pub	105731	105769	+	2	MAFAEQGITELSK	13
PPUB+257	Proteomics_pub	105770	105805	+	2	HVDSLITIPNDK	12
PPUB+258	Proteomics_pub	105827	105874	+	2	GISLLDAFGAANDVLK	16
PPUB+259	Proteomics_pub	106118	106153	+	2	LDEFETVGNTIR	12
PPUB+260	Proteomics_pub	106226	106261	+	2	VTVVATGIGMDK	12
PPUB+261	Proteomics_pub	106262	106291	+	2	RPEITLVTNK	10
PPUB+262	Proteomics_pub	106292	106318	+	2	QVQQPVMDR	9
PPUB+263	Proteomics_pub	106319	106372	+	2	YQQHGMAPLTQEKPVAK	18
PPUB+264	Proteomics_pub	106373	106405	+	2	VVNDNAPQTAK	11
PPUB+265	Proteomics_pub	106406	106441	+	2	EPDYLDIPAFLR	12
PPUB+266	Proteomics_pub	108447	108494	+	3	GEVLENIPEAFVVR	16
PPUB+267	Proteomics_pub	108603	108650	+	3	TLTATLPAYLNALTGK	16
PPUB+268	Proteomics_pub	108651	108692	+	3	GVHVTVNDYLAQR	14
PPUB+269	Proteomics_pub	108939	108989	+	3	TPLIISGPAEDSSEMYK	17
PPUB+270	Proteomics_pub	108939	108992	+	3	TPLIISGPAEDSSEMYKR	18
PPUB+271	Proteomics_pub	109266	109304	+	3	DGEVIVDEHTGR	13
PPUB+272	Proteomics_pub	109497	109538	+	3	LDTVVVPTNRPMIR	14
PPUB+273	Proteomics_pub	109581	109613	+	3	IQAIIEDIKER	11
PPUB+274	Proteomics_pub	109623	109661	+	3	GQPVLVGTISIEK	13
PPUB+275	Proteomics_pub	109911	109961	+	3	HDAVLEAGGLHIIGTER	17
PPUB+276	Proteomics_pub	110208	110249	+	3	QLLEYDDVANDQRR	14
PPUB+277	Proteomics_pub	110268	110318	+	3	NELLDVSDVSETINSIR	17
PPUB+278	Proteomics_pub	110493	110525	+	3	ILAQSIEVYQR	11
PPUB+279	Proteomics_pub	110571	110606	+	3	GVMLQTLDSLWK	12

PPUB+280	Proteomics_pub	110607	110636	+	3	EHLAAMDYLR	10
PPUB+281	Proteomics_pub	110775	110810	+	3	MPEEVEELEQQR	12
PPUB+282	Proteomics_pub	113516	113542	+	2	SRSDVLELR	9
PPUB+283	Proteomics_pub	113735	113779	+	2	HVMVSTGTSDADFEK	15
PPUB+284	Proteomics_pub	113975	114010	+	2	VGIGPGSVCTTR	12
PPUB+285	Proteomics_pub	113975	114010	+	2	VGIGPGSICTTR	12
PPUB+286	Proteomics_pub	114272	114301	+	2	RHVGGVAEYR	10
PPUB+287	Proteomics_pub	114338	114361	+	2	GPVENTAR	8
PPUB+288	Proteomics_pub	114383	114412	+	2	SACTYVGASR	10
PPUB+289	Proteomics_pub	123020	123061	+	2	SERFPNDVDPIETR	14
PPUB+290	Proteomics_pub	123029	123061	+	2	FPNDVDPIETR	11
PPUB+291	Proteomics_pub	123062	123094	+	2	DWLQAIESVIR	11
PPUB+292	Proteomics_pub	123062	123112	+	2	DWLQAIESVIREEGVER	17
PPUB+293	Proteomics_pub	123113	123151	+	2	AQYLIDQLLAEAR	13
PPUB+294	Proteomics_pub	123113	123154	+	2	AQYLIDQLLAEAR	14
PPUB+295	Proteomics_pub	123152	123256	+	2	KGGVNVAAGTGISNYINTIPVEEQPEYPGNLELER	35
PPUB+296	Proteomics_pub	123155	123256	+	2	GGVNVAAGTGISNYINTIPVEEQPEYPGNLELER	34
PPUB+297	Proteomics_pub	123155	123259	+	2	GGVNVAAGTGISNYINTIPVEEQPEYPGNLELER	35
PPUB+298	Proteomics_pub	123278	123304	+	2	WNAIMTVLR	9
PPUB+299	Proteomics_pub	123317	123397	+	2	DLELGGHMASFQSSATIYDVCFNHFFR	27
PPUB+300	Proteomics_pub	123398	123469	+	2	ARNEQDGGDLVYFQGHISPGVYAR	24
PPUB+301	Proteomics_pub	123404	123469	+	2	NEQDGGDLVYFQGHISPGVYAR	22
PPUB+302	Proteomics_pub	123488	123517	+	2	LTQEQLDNFR	10
PPUB+303	Proteomics_pub	123488	123562	+	2	LTQEQLDNFRQEVHGNLSSYPHPK	25
PPUB+304	Proteomics_pub	123563	123637	+	2	LMPEFWQFPTVSMGLGPIGAIYQAK	25
PPUB+305	Proteomics_pub	123683	123736	+	2	QTVYAFLGDGEMDEPESK	18
PPUB+306	Proteomics_pub	123761	123808	+	2	EKLDNLVFINCNLQR	16
PPUB+307	Proteomics_pub	123767	123808	+	2	LDNLVFINCNLQR	14
PPUB+308	Proteomics_pub	123809	123838	+	2	LDGPTVGNKG	10
PPUB+309	Proteomics_pub	123839	123892	+	2	IINELEGIFEGAGWNVIK	18
PPUB+310	Proteomics_pub	123947	123997	+	2	LIQLMNETVDGDYQTFK	17
PPUB+311	Proteomics_pub	124040	124102	+	2	YPETAALVADWTDEQIWALNR	21
PPUB+312	Proteomics_pub	124160	124195	+	2	GKATVILAHTIK	12
PPUB+313	Proteomics_pub	124166	124195	+	2	ATVILAHTIK	10
PPUB+314	Proteomics_pub	124196	124228	+	2	GYGMGDAAEKG	11
PPUB+315	Proteomics_pub	124250	124273	+	2	KMNMDGVR	8
PPUB+316	Proteomics_pub	124283	124324	+	2	DRFNVPVSDADIEK	14
PPUB+317	Proteomics_pub	124289	124324	+	2	FNVPVSDADIEK	12
PPUB+318	Proteomics_pub	124325	124384	+	2	LPYITFPEGSEEHTYLHAQR	20
PPUB+319	Proteomics_pub	124391	124414	+	2	LHGYPVSR	8
PPUB+320	Proteomics_pub	124436	124489	+	2	LELPSLQDFGALLEEQSK	18
PPUB+321	Proteomics_pub	124490	124519	+	2	EISTTIAFVR	10
PPUB+322	Proteomics_pub	124556	124591	+	2	DRLVPIIADEAR	12
PPUB+323	Proteomics_pub	124562	124591	+	2	LVPIIADEAR	10
PPUB+324	Proteomics_pub	124592	124618	+	2	TFGMEGLFR	9
PPUB+325	Proteomics_pub	124619	124669	+	2	QIGIYSPNGQYTPQDR	17

PPUB+326	Proteomics_pub	124619	124690	+	2	QIGIYSPNGQQYTPQDREQVAYYK	24
PPUB+327	Proteomics_pub	124670	124702	+	2	EQVAYYKEDEK	11
PPUB+328	Proteomics_pub	124838	124879	+	2	IGDLCWAAGDQQAR	14
PPUB+329	Proteomics_pub	124880	124909	+	2	GFLIGGTSGR	10
PPUB+330	Proteomics_pub	125063	125149	+	2	QENVVYITTLNENYHMPAMPEGAEEGIR	29
PPUB+331	Proteomics_pub	125063	125152	+	2	QENVVYITTLNENYHMPAMPEGAEEGIRK	30
PPUB+332	Proteomics_pub	125153	125188	+	2	GIYKLETIEGSK	12
PPUB+333	Proteomics_pub	125189	125227	+	2	GKVQLLGSISLR	13
PPUB+334	Proteomics_pub	125195	125227	+	2	VQLLGSISLR	11
PPUB+335	Proteomics_pub	125261	125317	+	2	DYGVGSDVYSVTSFTELAR	19
PPUB+336	Proteomics_pub	125318	125338	+	2	DGQDCER	7
PPUB+337	Proteomics_pub	125339	125371	+	2	WNMLHPLETPR	11
PPUB+338	Proteomics_pub	125372	125434	+	2	VPYIAQVMNDAPAVASTDYMK	21
PPUB+339	Proteomics_pub	125456	125482	+	2	TYVPADDYR	9
PPUB+340	Proteomics_pub	125483	125509	+	2	VLGTDGFR	9
PPUB+341	Proteomics_pub	125534	125593	+	2	HHFEVDASYVVVAALGELAK	20
PPUB+342	Proteomics_pub	125639	125671	+	2	FNIDADKVNPR	11
PPUB+343	Proteomics_pub	125698	125763	+	1	AIEIKVPDIGADEVEITEILVK	22
PPUB+344	Proteomics_pub	125704	125763	+	1	DVNVDPDGSDEVEVTEILVK	20
PPUB+345	Proteomics_pub	125704	125763	+	1	EVNVDPDGGDEVEVTEVMVK	20
PPUB+346	Proteomics_pub	125713	125763	+	1	VPDIGADEVEITEILVK	17
PPUB+347	Proteomics_pub	126013	126072	+	1	DVNVDPDGSDEVEVTEILVK	20
PPUB+348	Proteomics_pub	126013	126072	+	1	EVNVDPDGGDEVEVTEVMVK	20
PPUB+349	Proteomics_pub	126022	126072	+	1	VPDIGADEVEITEILVK	17
PPUB+350	Proteomics_pub	126316	126375	+	1	DVNVDPDGSDEVEVTEILVK	20
PPUB+351	Proteomics_pub	126316	126375	+	1	EVNVDPDGGDEVEVTEVMVK	20
PPUB+352	Proteomics_pub	126325	126375	+	1	VPDIGADEVEITEILVK	17
PPUB+353	Proteomics_pub	126568	126600	+	1	QEAAAPAPAAK	11
PPUB+354	Proteomics_pub	126634	126696	+	1	AEGKSEFAENDAYVHATPLIR	21
PPUB+355	Proteomics_pub	126646	126696	+	1	SEFAENDAYVHATPLIR	17
PPUB+356	Proteomics_pub	126646	126699	+	1	SEFAENDAYVHATPLIRR	18
PPUB+357	Proteomics_pub	126700	126732	+	1	LAREFGVNLAK	11
PPUB+358	Proteomics_pub	126760	126792	+	1	ILREDVQAYVK	11
PPUB+359	Proteomics_pub	126805	126867	+	1	RAEAAPAATGGGIPGMLPWP	21
PPUB+360	Proteomics_pub	126808	126867	+	1	AEAAPAATGGGIPGMLPWP	20
PPUB+361	Proteomics_pub	126883	126915	+	1	FGEIEEVELGR	11
PPUB+362	Proteomics_pub	126949	126987	+	1	NWVMIPHVTHFDK	13
PPUB+363	Proteomics_pub	126988	127017	+	1	TDITELEAFR	10
PPUB+364	Proteomics_pub	126988	127020	+	1	TDITELEAFR	11
PPUB+365	Proteomics_pub	127063	127089	+	1	ITPVVFIMK	9
PPUB+366	Proteomics_pub	127090	127122	+	1	AVAAALEQMPR	11
PPUB+367	Proteomics_pub	127123	127155	+	1	FNSSLSEDGQR	11
PPUB+368	Proteomics_pub	127123	127167	+	1	FNSSLSEDGQRLTK	15
PPUB+369	Proteomics_pub	127168	127230	+	1	KYINIGVAVDTPNGLVVPVFK	21
PPUB+370	Proteomics_pub	127171	127230	+	1	YINIGVAVDTPNGLVVPVFK	20
PPUB+371	Proteomics_pub	127306	127425	+	1	LTAGEMQGGCFTISSIGGLGTHFAPIVNAPEVAILGVSK	40

PPUB+372	Proteomics_pub	127426	127455	+	1	SAMEPVWNGK	10
PPUB+373	Proteomics_pub	127426	127470	+	1	SAMEPVWNGKEFVPR	15
PPUB+374	Proteomics_pub	127471	127506	+	1	LMLPISLSFDHR	12
PPUB+375	Proteomics_pub	127507	127533	+	1	VIDGADGAR	9
PPUB+376	Proteomics_pub	127534	127572	+	1	FITIINNTLSDIR	13
PPUB+377	Proteomics_pub	127534	127575	+	1	FITIINNTLSDIRR	14
PPUB+378	Proteomics_pub	127930	127983	+	1	TQVVVLGAGPAGYSAAFR	18
PPUB+379	Proteomics_pub	127984	128022	+	1	CADLGLETVIVER	13
PPUB+380	Proteomics_pub	128023	128073	+	1	YNTLGGVCLNVGCIPSK	17
PPUB+381	Proteomics_pub	128095	128151	+	1	VIEEAKALAEHGIVFGPEK	19
PPUB+382	Proteomics_pub	128113	128151	+	1	ALAEHGIVFGPEK	13
PPUB+383	Proteomics_pub	128182	128229	+	1	EKVINQLTGGLAGMAK	16
PPUB+384	Proteomics_pub	128188	128229	+	1	VINQLTGGLAGMAK	14
PPUB+385	Proteomics_pub	128266	128310	+	1	FTGANTLEVEGENGK	15
PPUB+386	Proteomics_pub	128311	128394	+	1	TVINFDNAIIAAGSRPIQLPFIPHEDPR	28
PPUB+387	Proteomics_pub	128395	128427	+	1	IWDSTDALELK	11
PPUB+388	Proteomics_pub	128395	128442	+	1	IWDSTDALELKEVPER	16
PPUB+389	Proteomics_pub	128596	128622	+	1	KFNLMLETK	9
PPUB+390	Proteomics_pub	128623	128676	+	1	VTAVEAKEDGIYVTMEGK	18
PPUB+391	Proteomics_pub	128644	128676	+	1	EDGIYVTMEGK	11
PPUB+392	Proteomics_pub	128677	128700	+	1	KAPAEPQR	8
PPUB+393	Proteomics_pub	128680	128730	+	1	APAEPQRYDAVLVAIGR	17
PPUB+394	Proteomics_pub	128701	128730	+	1	YDAVLVAIGR	10
PPUB+395	Proteomics_pub	128764	128799	+	1	AGVEVDDRGFIR	12
PPUB+396	Proteomics_pub	128818	128880	+	1	TNVPHIFAIGDIVQPMLAHK	21
PPUB+397	Proteomics_pub	128881	128925	+	1	GVHEGHVAAEVIAGK	15
PPUB+398	Proteomics_pub	128881	128928	+	1	GVHEGHVAAEVIAGKK	16
PPUB+399	Proteomics_pub	128947	129006	+	1	VIPSIAYTEPEVAWVGLTEK	20
PPUB+400	Proteomics_pub	129016	129069	+	1	EKGISYETATFPWAASGR	18
PPUB+401	Proteomics_pub	129022	129069	+	1	GISYETATFPWAASGR	16
PPUB+402	Proteomics_pub	129070	129105	+	1	AIASDCADGMTK	12
PPUB+403	Proteomics_pub	129070	129120	+	1	AIASDCADGMTKLIFDK	17
PPUB+404	Proteomics_pub	129106	129132	+	1	LIFDKESHR	9
PPUB+405	Proteomics_pub	131651	131719	+	2	AAEGIAPKPLDANQMAALVELLK	23
PPUB+406	Proteomics_pub	131720	131770	+	2	NPPAGEEEFLDLLTNR	17
PPUB+407	Proteomics_pub	131771	131806	+	2	VPPGVDEAAAYVK	12
PPUB+408	Proteomics_pub	131834	131869	+	2	GEAKSPLLTPEK	12
PPUB+409	Proteomics_pub	132233	132277	+	2	EGIEPDQPGVVGPIK	15
PPUB+410	Proteomics_pub	132302	132352	+	2	GFPLAYVGDVVGTSR	17
PPUB+411	Proteomics_pub	132302	132355	+	2	GFPLAYVGDVVGTSR	18
PPUB+412	Proteomics_pub	132419	132445	+	2	GGGLCLGGK	9
PPUB+413	Proteomics_pub	132566	132607	+	2	NHETGELLATFELK	14
PPUB+414	Proteomics_pub	132608	132634	+	2	TDVLIIDEVR	9
PPUB+415	Proteomics_pub	132635	132667	+	2	AGGRIPLIIGR	11
PPUB+416	Proteomics_pub	132689	132724	+	2	EALGLPHSDVFR	12
PPUB+417	Proteomics_pub	132734	132775	+	2	DVAESDRGFSLAQK	14

PPUB+418	Proteomics_pub	132803	132835	+	2	GIRPGAYCEPK	11
PPUB+419	Proteomics_pub	132836	132880	+	2	MTSVGSQDTTGPMTR	15
PPUB+420	Proteomics_pub	133016	133069	+	2	GGVSLRPGDGVHISWLNLR	18
PPUB+421	Proteomics_pub	133070	133117	+	2	MLLPDTVGTGGDSHTR	16
PPUB+422	Proteomics_pub	133232	133255	+	2	MQPGITLR	8
PPUB+423	Proteomics_pub	133256	133291	+	2	DLVHAIPLYAIK	12
PPUB+424	Proteomics_pub	133346	133378	+	2	ILEIEGLPDLK	11
PPUB+425	Proteomics_pub	133379	133420	+	2	VEQAFELTDASAER	14
PPUB+426	Proteomics_pub	133445	133498	+	2	LNKEPIIEYLNSNIVLLK	18
PPUB+427	Proteomics_pub	133454	133498	+	2	EPIIEYLNSNIVLLK	15
PPUB+428	Proteomics_pub	133718	133768	+	2	IDEVFIGSCMTNIGHFR	17
PPUB+429	Proteomics_pub	133781	133816	+	2	LLDAHKGQLPTR	12
PPUB+430	Proteomics_pub	133817	133840	+	2	LWVAPPTR	8
PPUB+431	Proteomics_pub	133904	133948	+	2	IEIPGCSLCMGNQAR	15
PPUB+432	Proteomics_pub	133949	133987	+	2	VADGATVVSTSTR	13
PPUB+433	Proteomics_pub	134003	134071	+	2	LGTGANVFLASAELAAVAALIGK	23
PPUB+434	Proteomics_pub	134072	134119	+	2	LPTPEEYQTYVAQVDK	16
PPUB+435	Proteomics_pub	134141	134179	+	2	YLNFNQLSQYTEK	13
PPUB+436	Proteomics_pub	141437	141475	+	2	HTVEVMIPAEIHK	13
PPUB+437	Proteomics_pub	141521	141559	+	2	DSGSDMVLVGLLR	13
PPUB+438	Proteomics_pub	141767	141793	+	2	EILSLREPK	9
PPUB+439	Proteomics_pub	141794	141832	+	2	SLAICTLLDKPSR	13
PPUB+440	Proteomics_pub	141794	141835	+	2	SLAICTLLDKPSRR	14
PPUB+441	Proteomics_pub	141926	141946	+	2	HLPYIGK	7
PPUB+442	Proteomics_pub	142869	142910	+	3	GAIVGIIGPNGAGK	14
PPUB+443	Proteomics_pub	142911	142949	+	3	STTIGIISLVNK	13
PPUB+444	Proteomics_pub	143457	143495	+	3	LKSETFILDLPK	13
PPUB+445	Proteomics_pub	167718	167774	+	3	VPQISVVTAEMALHQPK	19
PPUB+446	Proteomics_pub	167784	167825	+	3	EALSYTPGVSVGTR	14
PPUB+447	Proteomics_pub	167826	167861	+	3	GASNTYDHLIIR	12
PPUB+448	Proteomics_pub	167913	167966	+	3	LQGNFYNDVIDPYMLER	18
PPUB+449	Proteomics_pub	167982	168044	+	3	GPMSQLYGS DALGGVVNIITK	21
PPUB+450	Proteomics_pub	167982	168008	+	3	GPVSVLYGK	9
PPUB+451	Proteomics_pub	168009	168044	+	3	SSPGLLNMVSK	12
PPUB+452	Proteomics_pub	168045	168083	+	3	RPTTEPLKEVQFK	13
PPUB+453	Proteomics_pub	168330	168362	+	3	EGTVEPLPNGK	11
PPUB+454	Proteomics_pub	168363	168395	+	3	RLPTDFNEGAK	11
PPUB+455	Proteomics_pub	168366	168395	+	3	LPTDFNEGAK	10
PPUB+456	Proteomics_pub	168939	168971	+	3	YDWADQESLNR	11
PPUB+457	Proteomics_pub	169107	169133	+	3	DGNIFAPSK	9
PPUB+458	Proteomics_pub	169161	169217	+	3	YVPEDRPVVTVGAVYNLTK	19
PPUB+459	Proteomics_pub	169494	169535	+	3	YTGSSYGD PANSEFK	14
PPUB+460	Proteomics_pub	169536	169571	+	3	VGSYTVVDALVR	12
PPUB+461	Proteomics_pub	176613	176663	+	3	SDDVALPLEFTDAAANK	17
PPUB+462	Proteomics_pub	176670	176705	+	3	SLIADEDNPNLK	12
PPUB+463	Proteomics_pub	176892	176918	+	3	FIVTNPNAK	9

PPUB+464	Proteomics_pub	181253	181303	+	2	GYVVTNNHVVDNATVIK	17
PPUB+465	Proteomics_pub	181361	181396	+	2	SDIALIQIQNPK	12
PPUB+466	Proteomics_pub	181439	181522	+	2	VGDYTVAIIGNPFGLGETVTSGIVSALGR	28
PPUB+467	Proteomics_pub	181523	181582	+	2	SGLNAENYENFIQTDAAINR	20
PPUB+468	Proteomics_pub	181706	181744	+	2	NLTSQMVEYGQVK	13
PPUB+469	Proteomics_pub	181745	181795	+	2	RGELGIMGTELNSELAK	17
PPUB+470	Proteomics_pub	181820	181864	+	2	GAFVSQVLPNSSAAK	15
PPUB+471	Proteomics_pub	181820	181864	+	2	GAFVSEVLPGSGSAK	15
PPUB+472	Proteomics_pub	181877	181936	+	2	AGDVITSLNGKPISSFAALR	20
PPUB+473	Proteomics_pub	181937	181969	+	2	AQVGTMPVGSK	11
PPUB+474	Proteomics_pub	182099	182134	+	2	GKDQGVVNNVK	12
PPUB+475	Proteomics_pub	182105	182134	+	2	DQGVVNNVK	10
PPUB+476	Proteomics_pub	182135	182167	+	2	TGTPAAQIGLK	11
PPUB+477	Proteomics_pub	182168	182209	+	2	KGDVIIIGANQQAVK	14
PPUB+478	Proteomics_pub	182231	182275	+	2	VLDSKPSVLALNIQR	15
PPUB+479	Proteomics_pub	189907	189936	+	1	AGVHFGHQTR	10
PPUB+480	Proteomics_pub	189952	189978	+	1	MKPFIFGAR	9
PPUB+481	Proteomics_pub	189979	190008	+	1	NKVHIINLEK	10
PPUB+482	Proteomics_pub	190009	190050	+	1	TVPMFNEALAELENK	14
PPUB+483	Proteomics_pub	190009	190062	+	1	TVPMFNEALAELENKIASR	18
PPUB+484	Proteomics_pub	190096	190158	+	1	AASEAVKDAALSCDQFFVNHR	21
PPUB+485	Proteomics_pub	190117	190158	+	1	DAALSCDQFFVNHR	14
PPUB+486	Proteomics_pub	190159	190188	+	1	WLGMLTNWK	10
PPUB+487	Proteomics_pub	190213	190257	+	1	LKDLETQSQDGTDFDK	15
PPUB+488	Proteomics_pub	190219	190257	+	1	DLETQSQDGTDFDK	13
PPUB+489	Proteomics_pub	190219	190266	+	1	DLETQSQDGTDFDKLTK	16
PPUB+490	Proteomics_pub	190291	190329	+	1	ELEKLENSLGGIK	13
PPUB+491	Proteomics_pub	190303	190329	+	1	LENSLGGIK	9
PPUB+492	Proteomics_pub	190330	190395	+	1	DMGGLPDALFVIDADHEHIAIK	22
PPUB+493	Proteomics_pub	190396	190497	+	1	EANNLIPVFAIVDTNSDPDGVDFVIPGNDDAIR	34
PPUB+494	Proteomics_pub	190498	190539	+	1	AVTLYLGAVAATVR	14
PPUB+495	Proteomics_pub	190498	190548	+	1	AVTLYLGAVAATVREGR	17
PPUB+496	Proteomics_pub	190540	190596	+	1	EGRSQDLASQAEESEFVEAE	19
PPUB+497	Proteomics_pub	190549	190596	+	1	SQDLASQAEESEFVEAE	16
PPUB+498	Proteomics_pub	190860	190895	+	3	AEITASLVKELR	12
PPUB+499	Proteomics_pub	190902	190928	+	3	TGAGMMDCK	9
PPUB+500	Proteomics_pub	190902	190931	+	3	TGAGMMDCKK	10
PPUB+501	Proteomics_pub	190929	190982	+	3	KALTEANGDIELAIENMR	18
PPUB+502	Proteomics_pub	190932	190982	+	3	ALTEANGDIELAIENMR	17
PPUB+503	Proteomics_pub	190932	190985	+	3	ALTEANGDIELAIENMRK	18
PPUB+504	Proteomics_pub	191010	191045	+	3	KAGNVAADGVK	12
PPUB+505	Proteomics_pub	191013	191045	+	3	AGNVAADGVK	11
PPUB+506	Proteomics_pub	191052	191111	+	3	IDGNYGIILEVNCQTFVAK	20
PPUB+507	Proteomics_pub	191112	191141	+	3	DAGFQAFADK	10
PPUB+508	Proteomics_pub	191112	191168	+	3	DAGFQAFADKVLDAAVAGK	19
PPUB+509	Proteomics_pub	191142	191192	+	3	VLDAAVAGKITDVEVLK	17

PPUB+510	Proteomics_pub	191193	191231	+	3	AQFEERVALVAK	13
PPUB+511	Proteomics_pub	191232	191258	+	3	IGENINIRR	9
PPUB+512	Proteomics_pub	191256	191309	+	3	RVAALEGDVLGSYQHGAR	18
PPUB+513	Proteomics_pub	191259	191309	+	3	VAALEGDVLGSYQHGAR	17
PPUB+514	Proteomics_pub	191358	191435	+	3	HIAMHVAASKPEFIKPEDVSAEVVEK	26
PPUB+515	Proteomics_pub	191436	191483	+	3	EYVQLDIAMQSGKPK	16
PPUB+516	Proteomics_pub	191484	191513	+	3	EIAEKMVEGR	10
PPUB+517	Proteomics_pub	191520	191576	+	3	KFTGEVSLTGQPFVMEPSK	19
PPUB+518	Proteomics_pub	191523	191576	+	3	FTGEVSLTGQPFVMEPSK	18
PPUB+519	Proteomics_pub	191598	191630	+	3	EHNAEVTGFIR	11
PPUB+520	Proteomics_pub	191631	191657	+	3	FEVGEIEK	9
PPUB+521	Proteomics_pub	191631	191699	+	3	FEVGEIEKVETDFAAEVAAMSK	23
PPUB+522	Proteomics_pub	191658	191699	+	3	VETDFAAEVAAMSK	14
PPUB+523	Proteomics_pub	191858	191887	+	2	ATNAKPVYKR	10
PPUB+524	Proteomics_pub	192074	192130	+	2	VVDHMGMLATVMNGLAMR	19
PPUB+525	Proteomics_pub	192164	192235	+	2	LMSAIPLNGVCDYSWAEAISLLR	24
PPUB+526	Proteomics_pub	192236	192310	+	2	NNRVVILSAGTGNPFITDSAACL	25
PPUB+527	Proteomics_pub	192353	192385	+	2	VDGVFTADPAK	11
PPUB+528	Proteomics_pub	192353	192439	+	2	VDGVFTADPAKDPTATMYEQLTYSEVLEK	29
PPUB+529	Proteomics_pub	192449	192481	+	2	VMDLAAFTLAR	11
PPUB+530	Proteomics_pub	192503	192535	+	2	VFNMNKPGALR	11
PPUB+531	Proteomics_pub	192965	193027	+	2	ASPSLLDGIVVEYGTPTPLR	21
PPUB+532	Proteomics_pub	193028	193060	+	2	QLASVTVEDSR	11
PPUB+533	Proteomics_pub	193112	193168	+	2	AIMASDLGLNPNSAGSDIR	19
PPUB+534	Proteomics_pub	193112	193198	+	2	AIMASDLGLNPNSAGSDIRVPLPLTEER	29
PPUB+535	Proteomics_pub	193169	193198	+	2	VPLPLTEER	10
PPUB+536	Proteomics_pub	193310	193336	+	2	EISEDERR	9
PPUB+537	Proteomics_pub	195347	195370	+	2	WDIVQGVR	8
PPUB+538	Proteomics_pub	195626	195661	+	2	RFGGTEPGDETA	12
PPUB+539	Proteomics_pub	198009	198035	+	3	DIHFEGLQR	9
PPUB+540	Proteomics_pub	198036	198074	+	3	VAVGAALLSMPVR	13
PPUB+541	Proteomics_pub	198075	198119	+	3	TGDTVNDEDISNTIR	15
PPUB+542	Proteomics_pub	198120	198155	+	3	ALFATGNFEDVR	12
PPUB+543	Proteomics_pub	198165	198194	+	3	DGDTLLVQVK	10
PPUB+544	Proteomics_pub	198195	198236	+	3	ERPTIASITFSGNK	14
PPUB+545	Proteomics_pub	198261	198287	+	3	QNLEASGVR	9
PPUB+546	Proteomics_pub	198288	198332	+	3	VGESLDRITTIADIEK	15
PPUB+547	Proteomics_pub	198333	198365	+	3	GLEDFYYSVGK	11
PPUB+548	Proteomics_pub	198576	198608	+	3	QKLAGDLETLR	11
PPUB+549	Proteomics_pub	198582	198608	+	3	LAGDLETLR	9
PPUB+550	Proteomics_pub	198639	198680	+	3	FNIDSTQVSLTPDK	14
PPUB+551	Proteomics_pub	198639	198683	+	3	FNIDSTQVSLTPDKK	15
PPUB+552	Proteomics_pub	198729	198794	+	3	LSGVEVSGNLAGHSAEIEQLTK	22
PPUB+553	Proteomics_pub	198795	198827	+	3	IPEGELYNGTK	11
PPUB+554	Proteomics_pub	198870	198890	+	3	YGYAYPR	7
PPUB+555	Proteomics_pub	198891	198926	+	3	VQSMPEINDADK	12

PPUB+556	Proteomics_pub	198987	199025	+	3	FEGNDTSKDAVLR	13
PPUB+557	Proteomics_pub	199101	199139	+	3	LGFFETVDTDTQR	13
PPUB+558	Proteomics_pub	199101	199178	+	3	LGFFETVDTDTQRVPGSPDQVDVVYK	26
PPUB+559	Proteomics_pub	199140	199178	+	3	VPGSPDQVDVVYK	13
PPUB+560	Proteomics_pub	199392	199448	+	3	LFYNDFQADDADLSDYTNK	19
PPUB+561	Proteomics_pub	199449	199505	+	3	SYGTDVTLGFPINEYNSLR	19
PPUB+562	Proteomics_pub	199506	199568	+	3	AGLGYVHNSLSNMQPQVAMWR	21
PPUB+563	Proteomics_pub	199722	199757	+	3	VTIPGSDNEYK	12
PPUB+564	Proteomics_pub	199830	199859	+	3	WGYGDGLGGK	10
PPUB+565	Proteomics_pub	199911	199940	+	3	GFQSNTIGPK	10
PPUB+566	Proteomics_pub	199941	200018	+	3	AVYFPHQASNYDPDYDYECATQDGAK	26
PPUB+567	Proteomics_pub	200307	200351	+	3	YDGDKAEQFQFNIGK	15
PPUB+568	Proteomics_pub	200551	200598	+	1	IAIVNMGSLFQQVAQK	16
PPUB+569	Proteomics_pub	200599	200634	+	1	TGVSNTLENEFK	12
PPUB+570	Proteomics_pub	200599	200640	+	1	TGVSNTLENEFKGR	14
PPUB+571	Proteomics_pub	200641	200682	+	1	ASELQRMETDLQAK	14
PPUB+572	Proteomics_pub	200857	200931	+	1	SVANSQDIDLVVANAVAYNSSDVK	25
PPUB+573	Proteomics_pub	201202	201225	+	1	NPYLTYAR	8
PPUB+574	Proteomics_pub	201817	201903	+	1	VTVTGMGMVMRPITEPGVYSSGIPLQPNK	29
PPUB+575	Proteomics_pub	201916	201954	+	1	TAALVMNIDDMSK	13
PPUB+576	Proteomics_pub	202104	202160	+	3	TTNHTLQIEEILELLPHR	19
PPUB+577	Proteomics_pub	202341	202400	+	3	SVGKLEPGELYFAGIDEAR	20
PPUB+578	Proteomics_pub	202353	202400	+	3	LEPGELYFAGIDEAR	16
PPUB+579	Proteomics_pub	202401	202457	+	3	FKRPVVPGDQMIMEVTFEK	19
PPUB+580	Proteomics_pub	202479	202508	+	3	FKGVALVDGK	10
PPUB+581	Proteomics_pub	202509	202541	+	3	VVCEATMMCAR	11
PPUB+582	Proteomics_pub	202725	202787	+	3	IGRDNEIYQFASIGEVNQDLK	21
PPUB+583	Proteomics_pub	202734	202787	+	3	DNEIYQFASIGEVNQDLK	18
PPUB+584	Proteomics_pub	203241	203300	+	3	TLDEVKPEIAELAETPEVK	20
PPUB+585	Proteomics_pub	203301	203324	+	3	AFTDFFAR	8
PPUB+586	Proteomics_pub	206626	206655	+	1	LEGVTRNAGK	10
PPUB+587	Proteomics_pub	207376	207399	+	1	FAGYGFNK	8
PPUB+588	Proteomics_pub	208453	208488	+	1	SGTIPVHLYYQR	12
PPUB+589	Proteomics_pub	208777	208824	+	1	KIFADLGAWQIAQLAR	16
PPUB+590	Proteomics_pub	208780	208824	+	1	IFADLGAWQIAQLAR	15
PPUB+591	Proteomics_pub	208825	208860	+	1	HPQRPYTLDYVR	12
PPUB+592	Proteomics_pub	208861	208899	+	1	LAFDEFDELADGR	13
PPUB+593	Proteomics_pub	208861	208917	+	1	LAFDEFDELADGRAYADDK	19
PPUB+594	Proteomics_pub	208900	208941	+	1	AYADDKAIVGGIAR	14
PPUB+595	Proteomics_pub	208942	208980	+	1	LDGRPVMIIIGHQK	13
PPUB+596	Proteomics_pub	209083	209145	+	1	MPIITFIDTPGAYPGVGAEEER	21
PPUB+597	Proteomics_pub	209338	209391	+	1	SADKAPLAAEAMGIIAPR	18
PPUB+598	Proteomics_pub	209350	209391	+	1	APLAAEAMGIIAPR	14
PPUB+599	Proteomics_pub	209407	209451	+	1	LIDSIIPEPLGGAHR	15
PPUB+600	Proteomics_pub	209452	209481	+	1	NPEAMAASLK	10
PPUB+601	Proteomics_pub	209482	209538	+	1	AQLLADLADLDVLSTEDLK	19

PPUB+602	Proteomics_pub	211383	211433	+	3	LFADAFSKDPDFYAFIR	17
PPUB+603	Proteomics_pub	222842	222868	+	2	SVPAIFLDR	9
PPUB+604	Proteomics_pub	223163	223195	+	2	KPHPGMLLSAR	11
PPUB+605	Proteomics_pub	243543	243608	+	3	MYQDLIRNELNEAAETLANFLK	22
PPUB+606	Proteomics_pub	243609	243638	+	3	DDANIHAIQR	10
PPUB+607	Proteomics_pub	243639	243668	+	3	AAVLLADSFK	10
PPUB+608	Proteomics_pub	243873	243929	+	3	EGDVLLGISTSGNSANVIK	19
PPUB+609	Proteomics_pub	243996	244025	+	3	MAGTADIEIR	10
PPUB+610	Proteomics_pub	244026	244052	+	3	VPHFGYADR	9
PPUB+611	Proteomics_pub	255989	256027	+	2	YIVTWDMLQIHAR	13
PPUB+612	Proteomics_pub	256043	256066	+	2	LMPSEQWK	8
PPUB+613	Proteomics_pub	256088	256120	+	2	GGLVPGALLAR	11
PPUB+614	Proteomics_pub	256136	256183	+	2	HVDTVCISSYDHDNR	16
PPUB+615	Proteomics_pub	256202	256279	+	2	RAEGDGEGFIVIDDLVDTGGTAVAIR	26
PPUB+616	Proteomics_pub	257874	257900	+	3	FTALGPYIR	9
PPUB+617	Proteomics_pub	258078	258113	+	3	SVPVKDTEVVER	12
PPUB+618	Proteomics_pub	258147	258179	+	3	LRELLTTLNLK	11
PPUB+619	Proteomics_pub	259642	259674	+	1	LGTSVLTTGGSR	11
PPUB+620	Proteomics_pub	259828	259857	+	1	QLLAAVGQSR	10
PPUB+621	Proteomics_pub	260179	260208	+	1	DVYGIDDALR	10
PPUB+622	Proteomics_pub	260209	260262	+	1	AIAGDSVSGLTGGMSTK	18
PPUB+623	Proteomics_pub	260263	260289	+	1	LQAADVACR	9
PPUB+624	Proteomics_pub	261177	261218	+	3	TNAATVAVIQDALK	14
PPUB+625	Proteomics_pub	261303	261326	+	3	YIDMLIPR	8
PPUB+626	Proteomics_pub	261465	261515	+	3	TQRPSTCNTVETLLVNK	17
PPUB+627	Proteomics_pub	261516	261551	+	3	NIADSFLPALS	12
PPUB+628	Proteomics_pub	261690	261728	+	3	IVSDLDDAIAHIR	13
PPUB+629	Proteomics_pub	261729	261767	+	3	EHGTQHSDAILTR	13
PPUB+630	Proteomics_pub	261909	261944	+	3	GPMGLEALTTYK	12
PPUB+631	Proteomics_pub	261945	261974	+	3	WIGIGDYTIR	10
PPUB+632	Proteomics_pub	261945	261977	+	3	WIGIGDYTIRA	11
PPUB+633	Proteomics_pub	281727	281789	+	3	IPVIAGTGANATAEAISLTQR	21
PPUB+634	Proteomics_pub	321225	321257	+	3	AVYHPSCSLAR	11
PPUB+635	Proteomics_pub	339392	339436	+	2	KELVVVAIGGNSIIK	15
PPUB+636	Proteomics_pub	339875	339901	+	2	RVVASPEPK	9
PPUB+637	Proteomics_pub	376314	376343	+	3	LTQAQLINGR	10
PPUB+638	Proteomics_pub	385854	385922	+	3	ALAINPDILLMDEAFSALDPLIR	23
PPUB+639	Proteomics_pub	407401	407433	+	1	MLQSNEYFSGK	11
PPUB+640	Proteomics_pub	407440	407472	+	1	SIGFSSSSTGR	11
PPUB+641	Proteomics_pub	409368	409400	+	3	MRIGIDLGGTK	11
PPUB+642	Proteomics_pub	416639	416695	+	2	ILGLEIGADDYITKPFNPR	19
PPUB+643	Proteomics_pub	424982	425011	+	2	VIAVGTTSVR	10
PPUB+644	Proteomics_pub	425361	425393	+	3	MKFELDTTDDR	11
PPUB+645	Proteomics_pub	425367	425393	+	3	FELDTTDDR	9
PPUB+646	Proteomics_pub	425424	425477	+	3	GVVETPCFMPVGTGTGTVK	18
PPUB+647	Proteomics_pub	425670	425696	+	3	ITEQGVHFR	9

PPUB+648	Proteomics_pub	425697	425738	+	3	NPINGDPIFLDPEK	14
PPUB+649	Proteomics_pub	425871	425897	+	3	ERFDSLGNK	9
PPUB+650	Proteomics_pub	426084	426131	+	3	YLMGVGKPEDLVEGVR	16
PPUB+651	Proteomics_pub	426135	426170	+	3	GIDMFDCVMPTR	12
PPUB+652	Proteomics_pub	426180	426215	+	3	NGHLFVTDGVVK	12
PPUB+653	Proteomics_pub	426237	426284	+	3	SDTGPLDPECDCYTCR	16
PPUB+654	Proteomics_pub	426345	426368	+	3	LNTIHNLR	8
PPUB+655	Proteomics_pub	426402	426452	+	3	AIEEGKLESFVTDIFYQR	17
PPUB+656	Proteomics_pub	426420	426452	+	3	LESFVTDIFYQR	11
PPUB+657	Proteomics_pub	426685	426723	+	1	GDEVLTNNGGLVGR	13
PPUB+658	Proteomics_pub	426796	426822	+	1	DFVAAVLPK	9
PPUB+659	Proteomics_pub	427066	427101	+	1	SVALEEGAILAR	12
PPUB+660	Proteomics_pub	427102	427128	+	1	FDSTDTQLR	9
PPUB+661	Proteomics_pub	427306	427335	+	1	LQEQNIDSLR	10
PPUB+662	Proteomics_pub	427378	427413	+	1	KENNYGLSITFR	12
PPUB+663	Proteomics_pub	427381	427413	+	1	ENNYGLSITFR	11
PPUB+664	Proteomics_pub	427456	427503	+	1	RHPDLVISSQGSNQLR	16
PPUB+665	Proteomics_pub	427540	427575	+	1	EYAVQQNINILR	12
PPUB+666	Proteomics_pub	427576	427620	+	1	NRVNQLGVAEPVVQR	15
PPUB+667	Proteomics_pub	427582	427620	+	1	VNQLGVAEPVVQR	13
PPUB+668	Proteomics_pub	427636	427674	+	1	IVVELPGIQDTAR	13
PPUB+669	Proteomics_pub	427717	427761	+	1	LVNTNVDQAAAASGR	15
PPUB+670	Proteomics_pub	427795	427821	+	1	EGQPVVLYK	9
PPUB+671	Proteomics_pub	428035	428073	+	1	QEEVINIANIQSR	13
PPUB+672	Proteomics_pub	428092	428124	+	1	ITGINNPNEAR	11
PPUB+673	Proteomics_pub	428146	428187	+	1	AGALIAPIQIVEER	14
PPUB+674	Proteomics_pub	428479	428511	+	1	TVQQAIDEGYR	11
PPUB+675	Proteomics_pub	428665	428694	+	1	AIVNLLYGGK	10
PPUB+676	Proteomics_pub	428732	428770	+	2	AQEYTVLQNLHGR	13
PPUB+677	Proteomics_pub	429077	429115	+	2	VINESTNQNAAVK	13
PPUB+678	Proteomics_pub	433871	433912	+	2	MNIIEANVATPDAR	14
PPUB+679	Proteomics_pub	433934	433987	+	2	FNNFINDSLLEG AIDALK	18
PPUB+680	Proteomics_pub	433934	433990	+	2	FNNFINDSLLEG AIDALKR	19
PPUB+681	Proteomics_pub	433991	434077	+	2	IGQVKDENITVVWVPGAYELPLAAGALAK	29
PPUB+682	Proteomics_pub	434006	434077	+	2	DENITVVWVPGAYELPLAAGALAK	24
PPUB+683	Proteomics_pub	434078	434122	+	2	TGKYDAVIALGTVIR	15
PPUB+684	Proteomics_pub	434087	434122	+	2	YDAVIALGTVIR	12
PPUB+685	Proteomics_pub	434279	434326	+	2	GAEAALTALEMINVLK	16
PPUB+686	Proteomics_pub	434577	434606	+	3	LLEELGQVEK	10
PPUB+687	Proteomics_pub	434664	434696	+	3	VAINAEIELAK	11
PPUB+688	Proteomics_pub	434724	434747	+	3	FVNGVLDK	8
PPUB+689	Proteomics_pub	434748	434777	+	3	AAPVIRPNKK	10
PPUB+690	Proteomics_pub	440878	440907	+	1	HYDETLAVVR	10
PPUB+691	Proteomics_pub	440908	440931	+	1	HWDNIEVR	8
PPUB+692	Proteomics_pub	441115	441150	+	1	GKHDFSSIDVER	12
PPUB+693	Proteomics_pub	441151	441192	+	1	YVGGGLNQHIESAR	14

PPUB+694	Proteomics_pub	441760	441786	+	1	QIGTEDFAR	9
PPUB+695	Proteomics_pub	441895	441927	+	1	VVEEANNVDIR	11
PPUB+696	Proteomics_pub	442048	442086	+	1	VEGIDVVS LPFYK	13
PPUB+697	Proteomics_pub	442099	442122	+	1	FGDLDQNK	8
PPUB+698	Proteomics_pub	444006	444044	+	3	NVEASFELNDASK	13
PPUB+699	Proteomics_pub	444054	444104	+	3	VLSEDFQVNQLLDILR	17
PPUB+700	Proteomics_pub	444120	444176	+	3	RGIEGSSLDVPENIVHSGK	19
PPUB+701	Proteomics_pub	444123	444176	+	3	GIEGSSLDVPENIVHSGK	18
PPUB+702	Proteomics_pub	444198	444230	+	3	LKQGIESATQK	11
PPUB+703	Proteomics_pub	444204	444230	+	3	QGIESATQK	9
PPUB+704	Proteomics_pub	444267	444299	+	3	VQAQIQGDEIR	11
PPUB+705	Proteomics_pub	444312	444350	+	3	SRDDLQAVMAMVR	13
PPUB+706	Proteomics_pub	444318	444350	+	3	DDLQAVMAMVR	11
PPUB+707	Proteomics_pub	444351	444383	+	3	GGDLGQPQFK	11
PPUB+708	Proteomics_pub	453732	453779	+	3	AAFQPVFLEVVDSEYR	16
PPUB+709	Proteomics_pub	453780	453815	+	3	HNVPAGESSEHFK	12
PPUB+710	Proteomics_pub	454357	454395	+	1	MQVSVETTQGLGR	13
PPUB+711	Proteomics_pub	454357	454398	+	1	MQVSVETTQGLGRR	14
PPUB+712	Proteomics_pub	454360	454395	+	1	QVSVETTQGLGR	12
PPUB+713	Proteomics_pub	454396	454443	+	1	RVTTITIAADSIETAVK	16
PPUB+714	Proteomics_pub	454399	454443	+	1	VTITIAADSIETAVK	15
PPUB+715	Proteomics_pub	454495	454527	+	1	GKVP MNIVAQR	11
PPUB+716	Proteomics_pub	454501	454527	+	1	VPMNIVAQR	9
PPUB+717	Proteomics_pub	454528	454575	+	1	YGASVRQDVLGDLMSR	16
PPUB+718	Proteomics_pub	454546	454575	+	1	QDVLGDLMSR	10
PPUB+719	Proteomics_pub	454576	454605	+	1	NFIDAIIEK	10
PPUB+720	Proteomics_pub	454600	454650	+	1	EKINPAGAPTYVPGEYK	17
PPUB+721	Proteomics_pub	454606	454650	+	1	INPAGAPTYVPGEYK	15
PPUB+722	Proteomics_pub	454813	454845	+	1	EKDGAVEAEDR	11
PPUB+723	Proteomics_pub	454819	454845	+	1	DGAVEAEDR	9
PPUB+724	Proteomics_pub	454819	454899	+	1	DGAVEAEDRVTIDFTGSVDGEEFEGGK	27
PPUB+725	Proteomics_pub	454846	454899	+	1	VTIDFTGSVDGEEFEGGK	18
PPUB+726	Proteomics_pub	454900	454935	+	1	ASDFVLAMGQGR	12
PPUB+727	Proteomics_pub	454936	454965	+	1	MIPGFEDGIK	10
PPUB+728	Proteomics_pub	454975	455037	+	1	AGEEFTIDVTFPEEYHAENLK	21
PPUB+729	Proteomics_pub	455074	455118	+	1	VEERELPELTAEFIK	15
PPUB+730	Proteomics_pub	455086	455118	+	1	ELPELTAEFIK	11
PPUB+731	Proteomics_pub	455086	455121	+	1	ELPELTAEFIKR	12
PPUB+732	Proteomics_pub	455119	455157	+	1	RFGVEDGSVEGLR	13
PPUB+733	Proteomics_pub	455122	455157	+	1	FGVEDGSVEGLR	12
PPUB+734	Proteomics_pub	455122	455169	+	1	FGVEDGSVEGLRAEVR	16
PPUB+735	Proteomics_pub	455212	455244	+	1	VKSQAIEGLVK	11
PPUB+736	Proteomics_pub	455245	455301	+	1	ANDIDVPAALIDSEIDVLR	19
PPUB+737	Proteomics_pub	455245	455304	+	1	ANDIDVPAALIDSEIDVLR	20
PPUB+738	Proteomics_pub	455338	455382	+	1	QALELPRELFEEQAK	15
PPUB+739	Proteomics_pub	455359	455385	+	1	ELFEEQAKR	9

PPUB+740	Proteomics_pub	455386	455424	+	1	RVVVGLLLGEVIR	13
PPUB+741	Proteomics_pub	455389	455424	+	1	VVVGLLLGEVIR	12
PPUB+742	Proteomics_pub	455425	455454	+	1	TNELKADEER	10
PPUB+743	Proteomics_pub	455461	455502	+	1	GLIEEMASAYEDPK	14
PPUB+744	Proteomics_pub	455527	455553	+	1	NKELMDNMR	9
PPUB+745	Proteomics_pub	455554	455598	+	1	NVALEEQAQAVEAVLAK	15
PPUB+746	Proteomics_pub	455617	455652	+	1	ETTFNELMNQQA	12
PPUB+747	Proteomics_pub	456276	456296	+	3	FCLPNSR	7
PPUB+748	Proteomics_pub	456297	456362	+	3	VMIHQPLGGYQGQATDIEIHAR	22
PPUB+749	Proteomics_pub	456387	456440	+	3	MNELMALHTGQSLEQUIER	18
PPUB+750	Proteomics_pub	456459	456518	+	3	FLSAPEAVEYGLVDSILTHR	20
PPUB+751	Proteomics_pub	456459	456521	+	3	FLSAPEAVEYGLVDSILTHRN	21
PPUB+752	Proteomics_pub	456683	456709	+	2	LLYCSFCGK	9
PPUB+753	Proteomics_pub	456863	456904	+	2	NHLDDYVIGQEQAQ	14
PPUB+754	Proteomics_pub	456986	457024	+	2	SNILLIGPTGSGK	13
PPUB+755	Proteomics_pub	456989	457024	+	2	NIFLVGPMGAGK	12
PPUB+756	Proteomics_pub	456989	457024	+	2	NILMIGPTGVGK	12
PPUB+757	Proteomics_pub	457184	457213	+	2	GIVYIDEIDK	10
PPUB+758	Proteomics_pub	457184	457222	+	2	GIVYIDEIDKISR	13
PPUB+759	Proteomics_pub	457223	457249	+	2	KSDNPSITR	9
PPUB+760	Proteomics_pub	457250	457288	+	2	DVSGEGVQALLK	13
PPUB+761	Proteomics_pub	457334	457375	+	2	KHPQQEFLQVDTSK	14
PPUB+762	Proteomics_pub	457376	457417	+	2	ILFICGGAFAGLDK	14
PPUB+763	Proteomics_pub	457433	457474	+	2	VETGSGIGFGATVK	14
PPUB+764	Proteomics_pub	457490	457540	+	2	ASEGELLAQVEPEDLIK	17
PPUB+765	Proteomics_pub	457541	457570	+	2	FGLIPEFIGR	10
PPUB+766	Proteomics_pub	457571	457630	+	2	LPVVATLNELSEALIQLK	20
PPUB+767	Proteomics_pub	458136	458162	+	3	IEIPVLPLR	9
PPUB+768	Proteomics_pub	458136	458210	+	3	IEIPVLPLRDVVVPHMVIPLFVGR	25
PPUB+769	Proteomics_pub	458163	458210	+	3	DVVVPHMVIPLFVGR	16
PPUB+770	Proteomics_pub	458280	458357	+	3	EASTDEPGVNDLFTVGTVASILQMLK	26
PPUB+771	Proteomics_pub	458379	458408	+	3	VLVEGLQRAR	10
PPUB+772	Proteomics_pub	458409	458450	+	3	ISALSDNGEHFSAK	14
PPUB+773	Proteomics_pub	458451	458486	+	3	AEYLESPTIDER	12
PPUB+774	Proteomics_pub	458451	458507	+	3	AEYLESPTIDEREQEVLR	19
PPUB+775	Proteomics_pub	458508	458540	+	3	TAISQFEGYIK	11
PPUB+776	Proteomics_pub	458508	458549	+	3	TAISQFEGYIKLNK	14
PPUB+777	Proteomics_pub	458604	458639	+	3	LADTIAAHMPLK	12
PPUB+778	Proteomics_pub	458652	458687	+	3	QSVLEMSDVNER	12
PPUB+779	Proteomics_pub	458829	458876	+	3	ELGEMDDAPDENEALK	16
PPUB+780	Proteomics_pub	458829	458879	+	3	ELGEMDDAPDENEALKR	17
PPUB+781	Proteomics_pub	458988	459029	+	3	GYIDWMVQVPWNAR	14
PPUB+782	Proteomics_pub	459054	459098	+	3	QAQEILDTDHYGLER	15
PPUB+783	Proteomics_pub	459111	459140	+	3	ILEYLAVQSR	10
PPUB+784	Proteomics_pub	459150	459197	+	3	IKGPILCLVGGPPGVGK	16
PPUB+785	Proteomics_pub	459156	459197	+	3	GPILCLVGGPPGVGK	14

PPUB+786	Proteomics_pub	459300	459326	+	3	TYIGSMPGK	9
PPUB+787	Proteomics_pub	459360	459392	+	3	NPLFLLEIDK	11
PPUB+788	Proteomics_pub	459579	459605	+	3	LSGYTEDEK	9
PPUB+789	Proteomics_pub	459579	459620	+	3	LSGYTEDEKLNIAK	14
PPUB+790	Proteomics_pub	459663	459710	+	3	KGELTVDDSAIIGIIR	16
PPUB+791	Proteomics_pub	459723	459749	+	3	EAGVRGLER	9
PPUB+792	Proteomics_pub	459810	459860	+	3	HIEINGDNLHDYLGVQR	17
PPUB+793	Proteomics_pub	459981	460049	+	3	LYTGSLGEVMQESIQAALTVVR	23
PPUB+794	Proteomics_pub	460065	460094	+	3	LGINPDFYEK	10
PPUB+795	Proteomics_pub	460065	460097	+	3	LGINPDFYEKR	11
PPUB+796	Proteomics_pub	460098	460136	+	3	DIHVHVPEGATPK	13
PPUB+797	Proteomics_pub	460242	460271	+	3	GQVLPIGGLK	10
PPUB+798	Proteomics_pub	460308	460334	+	3	TVLIPFENK	9
PPUB+799	Proteomics_pub	460308	460337	+	3	TVLIPFENKR	10
PPUB+800	Proteomics_pub	460338	460394	+	3	DLEEIPDNVIADLDIHPVK	19
PPUB+801	Proteomics_pub	460684	460728	+	1	SQLIDKIAAGADISK	15
PPUB+802	Proteomics_pub	460744	460785	+	1	ALDAIIASVTESLK	14
PPUB+803	Proteomics_pub	460744	460833	+	1	ALDAIIASVTESLKEGDDVALVGFGTFAVK	30
PPUB+804	Proteomics_pub	460786	460833	+	1	EGDDVALVGFGTFAVK	16
PPUB+805	Proteomics_pub	460849	460875	+	1	TGRNPQTGK	9
PPUB+806	Proteomics_pub	460849	460875	+	1	TGRNPQTGK	9
PPUB+807	Proteomics_pub	460858	460899	+	1	NPQTGKEITIAAAK	14
PPUB+808	Proteomics_pub	461295	461327	+	3	GQFENAFNSER	11
PPUB+809	Proteomics_pub	461421	461456	+	3	LIDEALLDQYAR	12
PPUB+810	Proteomics_pub	461493	461534	+	3	QAIFATPAFQVDGK	14
PPUB+811	Proteomics_pub	461670	461711	+	3	GETDELAALVAQQR	14
PPUB+812	Proteomics_pub	461721	461756	+	3	EATIDVNALAAK	12
PPUB+813	Proteomics_pub	461988	462038	+	3	AVLDELNKGDFAAALAK	17
PPUB+814	Proteomics_pub	462012	462038	+	3	GGDFAALAK	9
PPUB+815	Proteomics_pub	462225	462260	+	3	SLDEVRDDIAAK	12
PPUB+816	Proteomics_pub	462276	462308	+	3	ALDAYYALQK	11
PPUB+817	Proteomics_pub	462309	462374	+	3	VSDAASNDTESLAGAEQAAGVK	22
PPUB+818	Proteomics_pub	462375	462401	+	3	ATQTGWFSK	9
PPUB+819	Proteomics_pub	462540	462599	+	3	ISEHKPEAVKPLADVQEQVK	20
PPUB+820	Proteomics_pub	462681	462713	+	3	GAEAMQAAGLK	11
PPUB+821	Proteomics_pub	462741	462794	+	3	SGRDPISQAAFALPLPAK	18
PPUB+822	Proteomics_pub	469178	469219	+	2	GAIVGIIGPNGAGK	14
PPUB+823	Proteomics_pub	471963	471995	+	3	GAEYMVDFLPK	11
PPUB+824	Proteomics_pub	486309	486362	+	3	SRLDGTDVGETALRPSQK	18
PPUB+825	Proteomics_pub	486561	486599	+	3	TAQEAVSPDEAAR	13
PPUB+826	Proteomics_pub	487572	487601	+	3	VLEKNGVAVR	10
PPUB+827	Proteomics_pub	488778	488810	+	3	LGVAYGSDLEK	11
PPUB+828	Proteomics_pub	490636	490671	+	1	MTATAQQLEYLK	12
PPUB+829	Proteomics_pub	490639	490671	+	1	TATAQQLEYLK	11
PPUB+830	Proteomics_pub	490684	490722	+	1	SIQDYPKPGILFR	13
PPUB+831	Proteomics_pub	490723	490752	+	1	DVTSLLEDPK	10

PPUB+832	Proteomics_pub	490753	490788	+	1	AYALSIDLLVER	12
PPUB+833	Proteomics_pub	490834	490893	+	1	GFLFGAPVALGLGVGFVPR	20
PPUB+834	Proteomics_pub	491065	491133	+	1	RLGGEVADAAFIINLFDLGGEQR	23
PPUB+835	Proteomics_pub	491068	491133	+	1	LGGEVADAAFIINLFDLGGEQR	22
PPUB+836	Proteomics_pub	491143	491184	+	1	QGITSYSLVPPFGH	14
PPUB+837	Proteomics_pub	493369	493428	+	1	MQEEIAQLEVTGESGAGLVK	20
PPUB+838	Proteomics_pub	493429	493458	+	1	VTINGAHNCR	10
PPUB+839	Proteomics_pub	493459	493497	+	1	RVEIDPSLLEDDK	13
PPUB+840	Proteomics_pub	493462	493497	+	1	VEIDPSLLEDDK	12
PPUB+841	Proteomics_pub	493498	493545	+	1	EMLEDLVAAAFNDAAR	16
PPUB+842	Proteomics_pub	493573	493617	+	1	MASVSSGMQLPPGFK	15
PPUB+843	Proteomics_pub	494443	494478	+	1	ELISNASDAADK	12
PPUB+844	Proteomics_pub	494443	494484	+	1	ELISNASDAADKLR	14
PPUB+845	Proteomics_pub	494491	494535	+	1	ALSNPDLYEGDGELR	15
PPUB+846	Proteomics_pub	494566	494604	+	1	TLTISDNGVGMTR	13
PPUB+847	Proteomics_pub	494605	494640	+	1	DEVIDHLGTIAK	12
PPUB+848	Proteomics_pub	494653	494688	+	1	SFLESLGSDQAK	12
PPUB+849	Proteomics_pub	494770	494850	+	1	AAGEKPENGVFWESAGEGEYTVADITK	27
PPUB+850	Proteomics_pub	494860	494886	+	1	GTEITLHLR	9
PPUB+851	Proteomics_pub	494887	494919	+	1	EGEDEFLLDWR	11
PPUB+852	Proteomics_pub	494941	494979	+	1	YSDHIALPVEIEK	13
PPUB+853	Proteomics_pub	494941	494982	+	1	YSDHIALPVEIEKR	14
PPUB+854	Proteomics_pub	494983	495021	+	1	EEKDGETVISWEK	13
PPUB+855	Proteomics_pub	494992	495021	+	1	DGETVISWEK	10
PPUB+856	Proteomics_pub	495058	495084	+	1	SEITDEEYK	9
PPUB+857	Proteomics_pub	495058	495096	+	1	SEITDEEYKEFYK	13
PPUB+858	Proteomics_pub	495097	495144	+	1	HIAHDFNDPLTWSHNR	16
PPUB+859	Proteomics_pub	495097	495156	+	1	HIAHDFNDPLTWSHNRVEGK	20
PPUB+860	Proteomics_pub	495157	495216	+	1	QEYTSLLYIPSQAPWDMWNR	20
PPUB+861	Proteomics_pub	495253	495300	+	1	VFIMDDAEQFMPNYLR	16
PPUB+862	Proteomics_pub	495310	495351	+	1	GLIDSSDLPLNVSR	14
PPUB+863	Proteomics_pub	495352	495381	+	1	EILQDSTVTR	10
PPUB+864	Proteomics_pub	495454	495492	+	1	YQTFWQQFGLVLK	13
PPUB+865	Proteomics_pub	495493	495537	+	1	EGPAEDFANQEIAIK	15
PPUB+866	Proteomics_pub	495547	495609	+	1	FASTHTDSSAQTVSLEDYVSR	21
PPUB+867	Proteomics_pub	495631	495669	+	1	IYYITADSYAAAK	13
PPUB+868	Proteomics_pub	495670	495696	+	1	SSPHLELLR	9
PPUB+869	Proteomics_pub	495703	495732	+	1	GIEVLLLSDR	10
PPUB+870	Proteomics_pub	495820	495849	+	1	LADEVDESAK	10
PPUB+871	Proteomics_pub	495820	495861	+	1	LADEVDESAKEAEK	14
PPUB+872	Proteomics_pub	495862	495885	+	1	ALTPFIDR	8
PPUB+873	Proteomics_pub	495937	495999	+	1	LTDTPAIVSTDADEMSTQMAK	21
PPUB+874	Proteomics_pub	496039	496077	+	1	YIFELNPDHVLVK	13
PPUB+875	Proteomics_pub	496078	496107	+	1	RAADTEDEAK	10
PPUB+876	Proteomics_pub	496108	496158	+	1	FSEWVELLLDQALLAER	17
PPUB+877	Proteomics_pub	496159	496191	+	1	GTLEDPNLFIR	11

PPUB+878	Proteomics_pub	496405	496437	+	1	IILLGAPGAGK	11
PPUB+879	Proteomics_pub	496438	496467	+	1	GTQAQFIMEK	10
PPUB+880	Proteomics_pub	496468	496506	+	1	YGIPQISTGDMLR	13
PPUB+881	Proteomics_pub	496570	496605	+	1	LVTDELVIALVK	12
PPUB+882	Proteomics_pub	496633	496662	+	1	NGFLLDGFPR	10
PPUB+883	Proteomics_pub	496663	496689	+	1	TIPQADAMK	9
PPUB+884	Proteomics_pub	496768	496791	+	1	RVHAPSGR	8
PPUB+885	Proteomics_pub	496822	496866	+	1	VEGKDDVTGEELTR	15
PPUB+886	Proteomics_pub	496834	496866	+	1	DDVTGEELTR	11
PPUB+887	Proteomics_pub	496867	496893	+	1	KDDQEETVR	9
PPUB+888	Proteomics_pub	496897	496950	+	1	RLVEYHQMTAPLIGYYSK	18
PPUB+889	Proteomics_pub	496900	496950	+	1	LVEYHQMTAPLIGYYSK	17
PPUB+890	Proteomics_pub	496951	496983	+	1	EAEAGNTKYAK	11
PPUB+891	Proteomics_pub	496984	497016	+	1	VDGTPVAEVR	11
PPUB+892	Proteomics_pub	504540	504572	+	3	FPLLSANIYQK	11
PPUB+893	Proteomics_pub	504630	504668	+	3	IAVIGLTTDDTAK	13
PPUB+894	Proteomics_pub	504669	504707	+	3	IGNPEYFTDIEFR	13
PPUB+895	Proteomics_pub	505062	505097	+	3	MVNYQLIPVNLK	12
PPUB+896	Proteomics_pub	505614	505661	+	3	MATLNFNATGGDGYPR	16
PPUB+897	Proteomics_pub	505734	505769	+	3	SSPLDVSVEPK	12
PPUB+898	Proteomics_pub	532253	532291	+	2	RGRPGQAEPVAQK	13
PPUB+899	Proteomics_pub	532256	532291	+	2	GRPGQAEPVAQK	12
PPUB+900	Proteomics_pub	532343	532411	+	2	SGGSSSVSDISLNLDLPLSTTFR	23
PPUB+901	Proteomics_pub	532523	532555	+	2	DVLSVAGPFMR	11
PPUB+902	Proteomics_pub	532679	532708	+	2	LPLHASGAGK	10
PPUB+903	Proteomics_pub	532973	532999	+	2	FVSQGELVR	9
PPUB+904	Proteomics_pub	554065	554106	+	1	ANENGESFVAMVDR	14
PPUB+905	Proteomics_pub	554173	554226	+	1	ATHHIAEIIELTEQLIAK	18
PPUB+906	Proteomics_pub	554305	554337	+	1	QDLDQLQAGAR	11
PPUB+907	Proteomics_pub	554359	554388	+	1	RNPMDFVLWK	10
PPUB+908	Proteomics_pub	554641	554667	+	1	SLGNFFTVR	9
PPUB+909	Proteomics_pub	554704	554730	+	1	YFLMSGHYR	9
PPUB+910	Proteomics_pub	554731	554763	+	1	SQLNYSEENLK	11
PPUB+911	Proteomics_pub	554806	554856	+	1	GTDKTVAPAGGEAFEAR	17
PPUB+912	Proteomics_pub	554818	554856	+	1	TVAPAGGEAFEAR	13
PPUB+913	Proteomics_pub	555151	555210	+	1	DRLNEMGIVLEDGPQGTTWR	20
PPUB+914	Proteomics_pub	597260	597289	+	2	LAGMPEADIR	10
PPUB+915	Proteomics_pub	597293	597322	+	2	LIATQKIQTR	10
PPUB+916	Proteomics_pub	613168	613218	+	1	AFSNPFDDPQGAFYILR	17
PPUB+917	Proteomics_pub	613339	613380	+	1	TLTPTNFTQLQEAQ	14
PPUB+918	Proteomics_pub	613518	613556	+	3	AVVAGLAQADTLR	13
PPUB+919	Proteomics_pub	613710	613766	+	3	VDSGKPLVFHQLIQVADNR	19
PPUB+920	Proteomics_pub	613833	613865	+	3	QIANIYCTWLR	11
PPUB+921	Proteomics_pub	614058	614090	+	3	LKLEFTDGEFR	11
PPUB+922	Proteomics_pub	614391	614435	+	3	AAGDEPLFGPVLNIK	15
PPUB+923	Proteomics_pub	614580	614615	+	3	YDEPTLIQHAER	12

PPUB+924	Proteomics_pub	615213	615248	+	3	GVMVGQTAIVNR	12
PPUB+925	Proteomics_pub	615249	615305	+	3	LLWMQNHYPVLTGEDVVAQK	19
PPUB+926	Proteomics_pub	615849	615881	+	3	FIADPFAPGER	11
PPUB+927	Proteomics_pub	615909	615944	+	3	WLDNGAVEYLGR	12
PPUB+928	Proteomics_pub	616446	616490	+	3	QVTPGQVMVASTVAK	15
PPUB+929	Proteomics_pub	616491	616529	+	3	LATIIDAEEEDSTR	13
PPUB+930	Proteomics_pub	616491	616532	+	3	LATIIDAEEEDSTRR	14
PPUB+931	Proteomics_pub	616533	616562	+	3	MGFETILPLR	10
PPUB+932	Proteomics_pub	617046	617084	+	3	LLTTAHSVPPFDGK	13
PPUB+933	Proteomics_pub	617109	617138	+	3	TLQEGMSPER	10
PPUB+934	Proteomics_pub	617178	617225	+	3	QDCAHVDIISPGTFEK	16
PPUB+935	Proteomics_pub	624168	624191	+	3	FFFMSPYR	8
PPUB+936	Proteomics_pub	624192	624221	+	3	SFTTSGCFAR	10
PPUB+937	Proteomics_pub	624222	624275	+	3	FDEPAVNGDSPDSPFQK	18
PPUB+938	Proteomics_pub	624303	624356	+	3	AQGKPNPVMVGAIPFDPR	18
PPUB+939	Proteomics_pub	624318	624356	+	3	NPVMVGAIPFDPR	13
PPUB+940	Proteomics_pub	624468	624512	+	3	QAIPEQTTFEQMVAR	15
PPUB+941	Proteomics_pub	624513	624548	+	3	AAALTATPVQDK	12
PPUB+942	Proteomics_pub	624726	624758	+	3	FSSIPLAGSAR	11
PPUB+943	Proteomics_pub	624759	624785	+	3	RQPDEVLDR	9
PPUB+944	Proteomics_pub	624819	624857	+	3	DRHEHELVTQAMK	13
PPUB+945	Proteomics_pub	625179	625232	+	3	LFAGAGIVPASSPLGEWR	18
PPUB+946	Proteomics_pub	625248	625280	+	3	LSTMLNVFGLH	11
PPUB+947	Proteomics_pub	625314	625334	+	3	WPEEFAR	7
PPUB+948	Proteomics_pub	625350	625391	+	3	GYWQDLPLTDILTR	14
PPUB+949	Proteomics_pub	625392	625433	+	3	HAASDSIAVIDGER	14
PPUB+950	Proteomics_pub	625449	625490	+	3	ELNQAADNLACSLR	14
PPUB+951	Proteomics_pub	625578	625619	+	3	LGVAPVLALFSHQR	14
PPUB+952	Proteomics_pub	625932	625967	+	3	SVEICQFTQQTR	12
PPUB+953	Proteomics_pub	626481	626582	+	3	SPQHNASAFDANGFYCSGDLISIDPEGYITVQGR	34
PPUB+954	Proteomics_pub	626616	626651	+	3	IAAEEIENLLLR	12
PPUB+955	Proteomics_pub	626799	626852	+	3	LPDRVECVDLPLTAVGK	18
PPUB+956	Proteomics_pub	626811	626852	+	3	VECVDSLPLTAVGK	14
PPUB+957	Proteomics_pub	626932	626979	+	1	LQAYALPESHDIQNK	16
PPUB+958	Proteomics_pub	626980	627006	+	1	VDWAFEPQR	9
PPUB+959	Proteomics_pub	627121	627159	+	1	QHNIPVYYTAQPK	13
PPUB+960	Proteomics_pub	627181	627219	+	1	ALLNDMWGPGLTR	13
PPUB+961	Proteomics_pub	627250	627285	+	1	LTPDADDTVLVK	12
PPUB+962	Proteomics_pub	627514	627561	+	1	VVMTEELLPAIPASK	16
PPUB+963	Proteomics_pub	627688	627723	+	1	VHGIDIDFVMLAK	12
PPUB+964	Proteomics_pub	627724	627750	+	1	NPTIDAWWK	9
PPUB+965	Proteomics_pub	627792	627818	+	3	NVWVTGAGK	9
PPUB+966	Proteomics_pub	627990	628025	+	3	LDALVNAAGILR	12
PPUB+967	Proteomics_pub	628026	628052	+	3	MGATDQLSK	9
PPUB+968	Proteomics_pub	628140	628187	+	3	GGAIIVTVASDAAHTPR	16
PPUB+969	Proteomics_pub	628188	628217	+	3	IGMSAYGASK	10

PPUB+970	Proteomics_pub	628269	628322	+	3	GITVNVVAPGFIEDMTR	18
PPUB+971	Proteomics_pub	628278	628322	+	3	CNVVSPGSTDTDMQR	15
PPUB+972	Proteomics_pub	628323	628358	+	3	TLWVSDDAEEQR	12
PPUB+973	Proteomics_pub	628613	628657	+	2	LGDDVLEAEMPVDTR	15
PPUB+974	Proteomics_pub	628820	628849	+	2	GVCQPLHLGR	10
PPUB+975	Proteomics_pub	636630	636668	+	3	NPVMVGAIPFDPR	13
PPUB+976	Proteomics_pub	638189	638218	+	2	IKPFKNQAFK	10
PPUB+977	Proteomics_pub	638204	638248	+	2	NQAFKNGEFIEITEK	15
PPUB+978	Proteomics_pub	638219	638248	+	2	NGEFIEITEK	10
PPUB+979	Proteomics_pub	638219	638263	+	2	NGEFIEITEKDTEGR	15
PPUB+980	Proteomics_pub	638264	638356	+	2	WSVFFYPADFTFVCPTELGDVADHYEELQK	31
PPUB+981	Proteomics_pub	638357	638407	+	2	LGVDVYAVSTDTHFTHK	17
PPUB+982	Proteomics_pub	638408	638440	+	2	AWHSSSETIAK	11
PPUB+983	Proteomics_pub	638441	638485	+	2	IKYAMIGDPTGALTR	15
PPUB+984	Proteomics_pub	638447	638485	+	2	YAMIGDPTGALTR	13
PPUB+985	Proteomics_pub	638486	638527	+	2	NFDNMREDEGLADR	14
PPUB+986	Proteomics_pub	638528	638596	+	2	ATFVVDPQGIIQAIEVTAEGIGR	23
PPUB+987	Proteomics_pub	638528	638617	+	2	ATFVVDPQGIIQAIEVTAEGIGRSDASDLLR	30
PPUB+988	Proteomics_pub	638627	638674	+	2	AAQYVASHPGEVCPAK	16
PPUB+989	Proteomics_pub	638675	638725	+	2	WKEGEATLAPSLDLVGK	17
PPUB+990	Proteomics_pub	638681	638725	+	2	EGEATLAPSLDLVGK	15
PPUB+991	Proteomics_pub	638681	638728	+	2	EGEATLAPSLDLVGKI	16
PPUB+992	Proteomics_pub	639024	639071	+	3	LTKPVELIATLDDSAK	16
PPUB+993	Proteomics_pub	639087	639122	+	3	ELLAIEIAELSDK	12
PPUB+994	Proteomics_pub	639123	639158	+	3	VTFKEDNSLPVR	12
PPUB+995	Proteomics_pub	639135	639158	+	3	EDNSLPVR	8
PPUB+996	Proteomics_pub	639159	639206	+	3	KPSFLITNPGSNQGPR	16
PPUB+997	Proteomics_pub	639285	639314	+	3	EAQSLLEQIR	10
PPUB+998	Proteomics_pub	639420	639473	+	3	IKHTAIDGGTFQNEITDR	18
PPUB+999	Proteomics_pub	639426	639473	+	3	HTAIDGGTFQNEITDR	16
PPUB+1000	Proteomics_pub	639474	639512	+	3	NVMGVPVAVFVNGK	13
PPUB+1001	Proteomics_pub	639483	639512	+	3	GVPAMFVNGK	10
PPUB+1002	Proteomics_pub	639798	639851	+	3	VHVDEYDVIDIDSQSASK	18
PPUB+1003	Proteomics_pub	639852	639917	+	3	LIPAAVEGGLHQIETASGAVLK	22
PPUB+1004	Proteomics_pub	639957	639989	+	3	NMNVPGEDQYR	11
PPUB+1005	Proteomics_pub	639996	640037	+	3	GVTYCPHCDGPLFK	14
PPUB+1006	Proteomics_pub	640149	640178	+	3	ADQVLQDKLR	10
PPUB+1007	Proteomics_pub	640188	640244	+	3	NVDIILNAQTTEVKGDGSK	19
PPUB+1008	Proteomics_pub	640374	640400	+	3	MGEIIDA	9
PPUB+1009	Proteomics_pub	640419	640460	+	3	GVFAAGDCTTVPYK	14
PPUB+1010	Proteomics_pub	640461	640493	+	3	QIIIATGEGAK	11
PPUB+1011	Proteomics_pub	640494	640526	+	3	ASLSAFDYLR	11
PPUB+1012	Proteomics_pub	656560	656595	+	1	GFGFITPDDGSK	12
PPUB+1013	Proteomics_pub	656560	656595	+	1	GFGFISPVDGSK	12
PPUB+1014	Proteomics_pub	656560	656595	+	1	GFGFITPADGSK	12
PPUB+1015	Proteomics_pub	656560	656595	+	1	GFGFITPEDGSK	12

PPUB+1016	Proteomics_pub	656560	656595	+	1	GFGFITPDDGSK	12
PPUB+1017	Proteomics_pub	656560	656595	+	1	GFGFITPKDGSK	12
PPUB+1018	Proteomics_pub	656596	656640	+	1	DVFNHFSAIQNDGYK	15
PPUB+1019	Proteomics_pub	656596	656640	+	1	DVFNHFSAIQNGGFK	15
PPUB+1020	Proteomics_pub	656596	656640	+	1	DVFNHFSAIQTNGFK	15
PPUB+1021	Proteomics_pub	656641	656691	+	1	TLAEGQNVEFEIQDGQK	17
PPUB+1022	Proteomics_pub	656641	656691	+	1	TLAEGQRVEFEITNGAK	17
PPUB+1023	Proteomics_pub	656662	656691	+	1	VEFEITNGAK	10
PPUB+1024	Proteomics_pub	656692	656721	+	1	GPSAANVIAL	10
PPUB+1025	Proteomics_pub	703203	703253	+	3	ALQLPIAVLPVAALLLR	17
PPUB+1026	Proteomics_pub	703524	703556	+	3	LPDFLSFFGGK	11
PPUB+1027	Proteomics_pub	704736	704774	+	3	AVGDGVAVKPTDK	13
PPUB+1028	Proteomics_pub	704811	704900	+	3	IFETNHAFSIESDSGVELFVHFGIDTVELK	30
PPUB+1029	Proteomics_pub	705319	705354	+	1	SEAEARPTNFIR	12
PPUB+1030	Proteomics_pub	705355	705387	+	1	QIIDEDLASGK	11
PPUB+1031	Proteomics_pub	705409	705453	+	1	FAPSPTGYLHVGGAR	15
PPUB+1032	Proteomics_pub	705454	705492	+	1	SICLNFGIAQDYK	13
PPUB+1033	Proteomics_pub	705511	705534	+	1	FDDTNPVK	8
PPUB+1034	Proteomics_pub	705535	705564	+	1	EDIEYVESIK	10
PPUB+1035	Proteomics_pub	705535	705609	+	1	EDIEYVESIKNDVEWLGFWHWSGNVR	25
PPUB+1036	Proteomics_pub	705565	705609	+	1	NDVEWLGFWHWSGNVR	15
PPUB+1037	Proteomics_pub	705610	705666	+	1	YSSDYFDQLHAYAIELINK	19
PPUB+1038	Proteomics_pub	705667	705708	+	1	GLAYVDELTPSEQIR	14
PPUB+1039	Proteomics_pub	705718	705741	+	1	GTLTQPGK	8
PPUB+1040	Proteomics_pub	705763	705795	+	1	SVEENLALFEK	11
PPUB+1041	Proteomics_pub	705802	705825	+	1	AGGFEEGK	8
PPUB+1042	Proteomics_pub	705844	705876	+	1	IDMASPFIVMR	11
PPUB+1043	Proteomics_pub	705901	705930	+	1	FAEHHQTGNK	10
PPUB+1044	Proteomics_pub	706033	706080	+	1	LYDWVLDNITIPVHPR	16
PPUB+1045	Proteomics_pub	706099	706128	+	1	LNLEYTVMSK	10
PPUB+1046	Proteomics_pub	706159	706185	+	1	HVEGWDDPR	9
PPUB+1047	Proteomics_pub	706270	706341	+	1	QDNTIEMASLESCIREDLNENAPR	24
PPUB+1048	Proteomics_pub	706315	706341	+	1	EDLNENAPR	9
PPUB+1049	Proteomics_pub	706342	706368	+	1	AMAVIDPVK	9
PPUB+1050	Proteomics_pub	706450	706485	+	1	QVPFSGEIWIDR	12
PPUB+1051	Proteomics_pub	706591	706650	+	1	DAEGNITTIFFCTYDADTLK	20
PPUB+1052	Proteomics_pub	706678	706728	+	1	GVIHWVSAHALPVEIR	17
PPUB+1053	Proteomics_pub	706741	706815	+	1	LFSVPNPGAADDFLSVINPESLVK	25
PPUB+1054	Proteomics_pub	706816	706842	+	1	QGFAEPSLK	9
PPUB+1055	Proteomics_pub	706816	706860	+	1	QGFAEPSLKDAVAGK	15
PPUB+1056	Proteomics_pub	706879	706905	+	1	EGYFCLDSR	9
PPUB+1057	Proteomics_pub	706906	706938	+	1	HSTAEEKPVFNR	11
PPUB+1058	Proteomics_pub	712267	712299	+	1	HIGESASDILR	11
PPUB+1059	Proteomics_pub	712267	712302	+	1	HIGESASDILRR	12
PPUB+1060	Proteomics_pub	712312	712350	+	1	FSAASQPAAPVTK	13
PPUB+1061	Proteomics_pub	712360	712398	+	1	VASPAIVEAKPVK	13

PPUB+1062	Proteomics_pub	712429	712464	+	1	ELLLSDEYAEQK	12
PPUB+1063	Proteomics_pub	712429	712467	+	1	ELLLSDEYAEQKR	13
PPUB+1064	Proteomics_pub	712564	712599	+	1	VYFAADEQTLLK	12
PPUB+1065	Proteomics_pub	712624	712674	+	1	HVPGTPYVWITNTNTGR	17
PPUB+1066	Proteomics_pub	712624	712677	+	1	HVPGTPYVWITNTNTGRK	18
PPUB+1067	Proteomics_pub	712940	712996	+	2	HSFNPHILAIQAIAEER	19
PPUB+1068	Proteomics_pub	713249	713293	+	2	YNPPNGGPADTNVTK	15
PPUB+1069	Proteomics_pub	713309	713338	+	2	ANALLADGLK	10
PPUB+1070	Proteomics_pub	713351	713389	+	2	ISLDEAMASGHVK	13
PPUB+1071	Proteomics_pub	713390	713458	+	2	EQDLVQPFVEGLADIVDMAAIQK	23
PPUB+1072	Proteomics_pub	713459	713515	+	2	AGLTLGVDPLGGSGIEYWK	19
PPUB+1073	Proteomics_pub	713663	713707	+	2	DKFDLAFANDPDYDR	15
PPUB+1074	Proteomics_pub	713822	713851	+	2	TLVSSAMIDR	10
PPUB+1075	Proteomics_pub	713876	713902	+	2	LVEVPVGFK	9
PPUB+1076	Proteomics_pub	713978	714007	+	2	FDGTPWSTDK	10
PPUB+1077	Proteomics_pub	714098	714121	+	2	FGAPSYNR	8
PPUB+1078	Proteomics_pub	714167	714223	+	2	LSPMVASSTLAGDPITAR	19
PPUB+1079	Proteomics_pub	714224	714268	+	2	LTAAPNGASIGGLK	15
PPUB+1080	Proteomics_pub	714329	714367	+	2	IYCESFLGEEHRK	13
PPUB+1081	Proteomics_pub	714380	714412	+	2	EAVEIVSEVLK	11
PPUB+1082	Proteomics_pub	742056	742088	+	3	NTELEQLINEK	11
PPUB+1083	Proteomics_pub	742161	742211	+	3	IVTGVTSQALLDEAVR	17
PPUB+1084	Proteomics_pub	742551	742601	+	3	VAWCTGGGQSFIDSAAR	17
PPUB+1085	Proteomics_pub	742602	742661	+	3	FGVDAFITGEVSEQTIHSAR	20
PPUB+1086	Proteomics_pub	744357	744380	+	3	YFEQLAWR	8
PPUB+1087	Proteomics_pub	755193	755243	+	3	AALQISQSGQTCALLSK	17
PPUB+1088	Proteomics_pub	755469	755501	+	3	IYQRPFGGQSK	11
PPUB+1089	Proteomics_pub	755502	755528	+	3	NFGGEQAAR	9
PPUB+1090	Proteomics_pub	755718	755750	+	3	ATVLATGGAGR	11
PPUB+1091	Proteomics_pub	755751	755813	+	3	IYQSTTNAHINTGDGVGMAIR	21
PPUB+1092	Proteomics_pub	755904	755930	+	3	GEGGYLLNK	9
PPUB+1093	Proteomics_pub	756108	756134	+	3	LPGILELSR	9
PPUB+1094	Proteomics_pub	756219	756251	+	3	VTGQALTVNEK	11
PPUB+1095	Proteomics_pub	756327	756368	+	3	LGGNSLLDLVVFGR	14
PPUB+1096	Proteomics_pub	756327	756368	+	3	LGSNSLAELVVFGR	14
PPUB+1097	Proteomics_pub	756369	756419	+	3	AAGLHLQESIAEQGALR	17
PPUB+1098	Proteomics_pub	756513	756554	+	3	ALQECMQHNFSVFR	14
PPUB+1099	Proteomics_pub	756624	756659	+	3	LDDTSSEFNTQR	12
PPUB+1100	Proteomics_pub	757080	757121	+	3	EGVCGSDGLNMNGK	14
PPUB+1101	Proteomics_pub	757122	757175	+	3	NGLACITPISALNQPQKK	18
PPUB+1102	Proteomics_pub	757176	757214	+	3	IVIRPLPGLPVIR	13
PPUB+1103	Proteomics_pub	757260	757304	+	3	IKPYLLNNGQNPPAR	15
PPUB+1104	Proteomics_pub	757305	757331	+	3	EHLQMPEQR	9
PPUB+1105	Proteomics_pub	757416	757451	+	3	FIGPAGLLAAYR	12
PPUB+1106	Proteomics_pub	758055	758117	+	3	STFQQLPGTGVKPDQFHSQTR	21
PPUB+1107	Proteomics_pub	758154	758192	+	3	YSSTISDPDTNVK	13

PPUB+1108	Proteomics_pub	758202	758228	+	3	VLQLINAYR	9
PPUB+1109	Proteomics_pub	758229	758285	+	3	FRGHQHANLDPLGLWQQDK	19
PPUB+1110	Proteomics_pub	758235	758285	+	3	GHQHANLDPLGLWQQDK	17
PPUB+1111	Proteomics_pub	758535	758573	+	3	FLSELTAEEGLER	13
PPUB+1112	Proteomics_pub	758712	758747	+	3	GRLNLVNLVGLK	12
PPUB+1113	Proteomics_pub	758718	758747	+	3	LNVLVNLVGLK	10
PPUB+1114	Proteomics_pub	758748	758783	+	3	KPQDLFDEFAGK	12
PPUB+1115	Proteomics_pub	758790	758816	+	3	EHLGTGDVK	9
PPUB+1116	Proteomics_pub	758940	758972	+	3	LDRLDEPSSNK	11
PPUB+1117	Proteomics_pub	759057	759083	+	3	GYEVGGTVR	9
PPUB+1118	Proteomics_pub	759084	759137	+	3	IVINNQVGFTTSNPLDAR	18
PPUB+1119	Proteomics_pub	759138	759167	+	3	STPYCTDIGK	10
PPUB+1120	Proteomics_pub	759267	759296	+	3	DVFIDLVCYR	10
PPUB+1121	Proteomics_pub	759384	759413	+	3	IYADKLEQEK	10
PPUB+1122	Proteomics_pub	759414	759458	+	3	VATLEDATEMVNLYR	15
PPUB+1123	Proteomics_pub	759606	759647	+	3	RISTVPEAVEMQSR	14
PPUB+1124	Proteomics_pub	759609	759647	+	3	ISTVPEAVEMQSR	13
PPUB+1125	Proteomics_pub	760059	760127	+	3	MCGLVMMLPHGYEQGPEHSSAR	23
PPUB+1126	Proteomics_pub	760398	760424	+	3	VYYDLLEQR	9
PPUB+1127	Proteomics_pub	760428	760460	+	3	KNNQHDAIVR	11
PPUB+1128	Proteomics_pub	760431	760460	+	3	NNQHDAIVR	10
PPUB+1129	Proteomics_pub	760461	760490	+	3	IEQLYPFPHK	10
PPUB+1130	Proteomics_pub	760491	760529	+	3	AMQEVLLQFAHVK	13
PPUB+1131	Proteomics_pub	760599	760628	+	3	EVIPFGASLR	10
PPUB+1132	Proteomics_pub	760629	760688	+	3	YAGRPASASPAVGYMSVHQK	20
PPUB+1133	Proteomics_pub	760689	760727	+	3	QQQDLVNDALNVE	13
PPUB+1134	Proteomics_pub	760748	760819	+	2	SSVDILVPLPESVADATVATWHK	24
PPUB+1135	Proteomics_pub	760973	760999	+	2	LREGNSAGK	9
PPUB+1136	Proteomics_pub	761015	761047	+	2	SEEKASTPAQR	11
PPUB+1137	Proteomics_pub	761048	761101	+	2	QQASLEEQNNDALSPAIR	18
PPUB+1138	Proteomics_pub	761048	761104	+	2	QQASLEEQNNDALSPAIRR	19
PPUB+1139	Proteomics_pub	761105	761143	+	2	LLAEHNLDASAIK	13
PPUB+1140	Proteomics_pub	761201	761266	+	2	APAKESAPAAAAPAAQPALAAR	22
PPUB+1141	Proteomics_pub	761213	761266	+	2	ESAPAAAAPAAQPALAAR	18
PPUB+1142	Proteomics_pub	761333	761395	+	2	NSTAMLTTFNEVNMKPIMDLR	21
PPUB+1143	Proteomics_pub	761396	761422	+	2	KQYGEAFEK	9
PPUB+1144	Proteomics_pub	761399	761425	+	2	QYGEAFEKR	9
PPUB+1145	Proteomics_pub	761438	761464	+	2	LGFMSFYVK	9
PPUB+1146	Proteomics_pub	761600	761635	+	2	DVDTLGMADIEK	12
PPUB+1147	Proteomics_pub	761600	761638	+	2	DVDTLGMADIEKK	13
PPUB+1148	Proteomics_pub	761891	761920	+	2	ESVGFLVTIK	10
PPUB+1149	Proteomics_pub	762237	762263	+	3	MNLHEYQAK	9
PPUB+1150	Proteomics_pub	762279	762323	+	3	YGLPAPVGYACTTPR	15
PPUB+1151	Proteomics_pub	762348	762374	+	3	IGAGPWVVK	9
PPUB+1152	Proteomics_pub	762447	762473	+	3	AFAENWLK	9
PPUB+1153	Proteomics_pub	762555	762584	+	3	ELYLGAVVDR	10

PPUB+1154	Proteomics_pub	762642	762674	+	3	VAEETPHLIHK	11
PPUB+1155	Proteomics_pub	762675	762719	+	3	VALDPLTGMPYQGR	15
PPUB+1156	Proteomics_pub	762774	762809	+	3	IFMGLATIFLER	12
PPUB+1157	Proteomics_pub	762810	762851	+	3	DLALIEINPLVITK	14
PPUB+1158	Proteomics_pub	762852	762881	+	3	QGDLICLDGK	10
PPUB+1159	Proteomics_pub	762882	762911	+	3	LGADGNALFR	10
PPUB+1160	Proteomics_pub	763068	763121	+	3	LHGGEANFLDVGGGATK	18
PPUB+1161	Proteomics_pub	763173	763208	+	3	AVLVNIFGGIVR	12
PPUB+1162	Proteomics_pub	763281	763313	+	3	LEGNNAELGAK	11
PPUB+1163	Proteomics_pub	763314	763352	+	3	KLADSGLNIIAAK	13
PPUB+1164	Proteomics_pub	763317	763352	+	3	LADSGLNIIAAK	12
PPUB+1165	Proteomics_pub	763317	763400	+	3	LADSGLNIIAAKGLTDAAQQVVAAVEGK	28
PPUB+1166	Proteomics_pub	763353	763400	+	3	GLTDAAQQVVAAVEGK	16
PPUB+1167	Proteomics_pub	763433	763504	+	2	VICQGFTGSQGTFFHSEQAIAYGTK	24
PPUB+1168	Proteomics_pub	763505	763531	+	2	MVGGVTPGK	9
PPUB+1169	Proteomics_pub	763532	763576	+	2	GGTTHLGLPVFNTVR	15
PPUB+1170	Proteomics_pub	763640	763675	+	2	DSILEAIDAGIK	12
PPUB+1171	Proteomics_pub	763676	763729	+	2	LIITITEGIPTLDMMLTVK	18
PPUB+1172	Proteomics_pub	763730	763756	+	2	VKLDEAGVR	9
PPUB+1173	Proteomics_pub	763757	763804	+	2	MIGNPCPGVITPGECK	16
PPUB+1174	Proteomics_pub	763805	763843	+	2	IGIQPGHIHKPGK	13
PPUB+1175	Proteomics_pub	763862	763891	+	2	SGTLTYEAVK	10
PPUB+1176	Proteomics_pub	764072	764125	+	2	EHVTKPVVGYIAGVTAPK	18
PPUB+1177	Proteomics_pub	764135	764170	+	2	MGHAGAIAGGK	12
PPUB+1178	Proteomics_pub	764171	764218	+	2	GTADEKFAALEAAGVK	16
PPUB+1179	Proteomics_pub	764228	764257	+	2	SLADIGEALK	10
PPUB+1180	Proteomics_pub	764228	764269	+	2	SLADIGEALKTVLK	14
PPUB+1181	Proteomics_pub	771575	771604	+	2	SVDTPIVIGLK	10
PPUB+1182	Proteomics_pub	771605	771631	+	2	ELMVQHEER	9
PPUB+1183	Proteomics_pub	771650	771676	+	2	AYSLLEQLR	9
PPUB+1184	Proteomics_pub	771677	771703	+	2	SGSTDQAVR	9
PPUB+1185	Proteomics_pub	771728	771754	+	2	DLGYGLLLK	9
PPUB+1186	Proteomics_pub	771758	771811	+	2	YTPNVADATEAQIQQATK	18
PPUB+1187	Proteomics_pub	772205	772246	+	2	YHFEQSSTTTQPAR	14
PPUB+1188	Proteomics_pub	772838	772861	+	2	TVGELHLR	8
PPUB+1189	Proteomics_pub	772961	773002	+	2	STMDHYAASNPLNK	14
PPUB+1190	Proteomics_pub	774541	774567	+	1	FWSGIELSR	9
PPUB+1191	Proteomics_pub	774595	774639	+	1	DNLTGSEQIFYSGFK	15
PPUB+1192	Proteomics_pub	774661	774705	+	1	ANSHAPEAVVEGASR	15
PPUB+1193	Proteomics_pub	775033	775065	+	1	QAFTVSESNGK	11
PPUB+1194	Proteomics_pub	776432	776479	+	2	AAAADDIFGELSSGK	16
PPUB+1195	Proteomics_pub	777035	777151	+	2	YIDSGVDSGRPIGVVFPQWAGPGAAPEDIGGIVAADLR	39
PPUB+1196	Proteomics_pub	777389	777427	+	2	IAGHTASDEVFEK	13
PPUB+1197	Proteomics_pub	777461	777511	+	2	IAYVVQTNGGQFPYELR	17
PPUB+1198	Proteomics_pub	777512	777553	+	2	VSDYDGYNQFVVHR	14
PPUB+1199	Proteomics_pub	777554	777601	+	2	SPQPLMSPAUSPDGSK	16

PPUB+1200	Proteomics_pub	777602	777631	+	2	LAYVTFESGR	10
PPUB+1201	Proteomics_pub	777632	777673	+	2	SALVIQTLANGAVR	14
PPUB+1202	Proteomics_pub	777824	777910	+	2	SNNTEPTWFPDSQNLAFSDQAGRPQVYK	29
PPUB+1203	Proteomics_pub	777911	777940	+	2	VNINGGAPQR	10
PPUB+1204	Proteomics_pub	777941	777994	+	2	ITWEGSQNQDADVSSDGK	18
PPUB+1205	Proteomics_pub	778467	778520	+	3	LQMQLLQNNIVFDLKD	18
PPUB+1206	Proteomics_pub	778467	778532	+	3	LQMQLLQNNIVFDLDKYDIR	22
PPUB+1207	Proteomics_pub	778533	778577	+	3	SDFAQMLDAHANFLR	15
PPUB+1208	Proteomics_pub	778596	778625	+	3	VTVEGHADER	10
PPUB+1209	Proteomics_pub	778626	778661	+	3	GTPEYNISLGER	12
PPUB+1210	Proteomics_pub	778698	778739	+	3	GVSADQISIVSYGK	14
PPUB+1211	Proteomics_pub	778740	778784	+	3	EKPAVLGHDEAAYSK	15
PPUB+1212	Proteomics_pub	779043	779090	+	3	GQIQENQYQLNQVVER	16
PPUB+1213	Proteomics_pub	779235	779288	+	3	SGNANTDYNAIALVQDK	18
PPUB+1214	Proteomics_pub	779289	779333	+	3	SRQDDAMVAFQNFJK	15
PPUB+1215	Proteomics_pub	779334	779399	+	3	NYPDSTYLPNANYWLGQLNYNK	22
PPUB+1216	Proteomics_pub	779406	779444	+	3	KDDAAYYFASVVK	13
PPUB+1217	Proteomics_pub	779409	779444	+	3	DDAAYYFASVVK	12
PPUB+1218	Proteomics_pub	779487	779525	+	3	VGIVMVDKGDGDTAK	13
PPUB+1219	Proteomics_pub	781539	781574	+	3	HPASTLLVAGVR	12
PPUB+1220	Proteomics_pub	781710	781748	+	3	TVVVYANTSAAVK	13
PPUB+1221	Proteomics_pub	782139	782183	+	3	ELLEAPTAGEGATCR	15
PPUB+1222	Proteomics_pub	784856	784882	+	2	MNYQNDDLK	9
PPUB+1223	Proteomics_pub	784898	784930	+	2	ELLPPVALLEK	11
PPUB+1224	Proteomics_pub	784931	784975	+	2	FPATENAANTVAHAR	15
PPUB+1225	Proteomics_pub	785015	785065	+	2	LLVIGPCSIHDPVAAK	17
PPUB+1226	Proteomics_pub	785171	785227	+	2	GLINDPHMDNSFQINDGLR	19
PPUB+1227	Proteomics_pub	785351	785374	+	2	TTESQVHR	8
PPUB+1228	Proteomics_pub	785375	785413	+	2	ELASGLSCPVGFK	13
PPUB+1229	Proteomics_pub	785438	785497	+	2	VAIDAINAAGAPHCFLSVTK	20
PPUB+1230	Proteomics_pub	785498	785557	+	2	WGHSIVNTSGNGDCHIILR	20
PPUB+1231	Proteomics_pub	785621	785674	+	2	AGLPAQVMIDFSHANSSK	18
PPUB+1232	Proteomics_pub	794615	794656	+	2	QTLLGNSLVVVAPK	14
PPUB+1233	Proteomics_pub	794693	794725	+	2	TNWTSLNNGGR	11
PPUB+1234	Proteomics_pub	794726	794773	+	2	LAVGDPEHVPAGIYAK	16
PPUB+1235	Proteomics_pub	794789	794818	+	2	LGAWDTLSPK	10
PPUB+1236	Proteomics_pub	794867	794917	+	2	NEAPLGIVYGSDAVASK	17
PPUB+1237	Proteomics_pub	794960	795013	+	2	KVEYPVAVVEGHNNATVK	18
PPUB+1238	Proteomics_pub	795035	795061	+	2	GPQAAEIFK	9
PPUB+1239	Proteomics_pub	797953	797985	+	1	YLYVGVRPEFR	11
PPUB+1240	Proteomics_pub	798139	798225	+	1	LEDGLPVGVVDVVEGLDGCHSANISPDNR	29
PPUB+1241	Proteomics_pub	798226	798249	+	1	TLWVPALK	8
PPUB+1242	Proteomics_pub	798259	798345	+	1	ICLFTVSDDGHLVAQDPAEVTTVEGAGPR	29
PPUB+1243	Proteomics_pub	798496	798531	+	1	WAADIHITPDGR	12
PPUB+1244	Proteomics_pub	798532	798552	+	1	HLYACDR	7
PPUB+1245	Proteomics_pub	798610	798642	+	1	EGFQPTETQPR	11

PPUB+1246	Proteomics_pub	798643	798669	+	1	GFNVDHSGK	9
PPUB+1247	Proteomics_pub	798694	798750	+	1	SHHISVYEIVGEQGLLHEK	19
PPUB+1248	Proteomics_pub	798757	798801	+	1	YAVGQGPWWVVNAH	15
PPUB+1249	Proteomics_pub	808681	808713	+	1	QVQVSTLLSIK	11
PPUB+1250	Proteomics_pub	808789	808824	+	1	LMEVEQVLESAR	12
PPUB+1251	Proteomics_pub	808990	809070	+	1	LANAGLDYYNHNLDTSPFEYGNIIITR	27
PPUB+1252	Proteomics_pub	809125	809166	+	1	VCSGGIVGLGETVK	14
PPUB+1253	Proteomics_pub	809488	809547	+	1	LGLNPQQTAVLAGDNEQQQR	20
PPUB+1254	Proteomics_pub	811505	811540	+	2	YFVTGTDTEVGK	12
PPUB+1255	Proteomics_pub	811541	811576	+	2	TVASCALLQAAK	12
PPUB+1256	Proteomics_pub	811592	811630	+	2	TAGYKPVASGSEK	13
PPUB+1257	Proteomics_pub	811649	811675	+	2	NSDALALQR	9
PPUB+1258	Proteomics_pub	812045	812074	+	2	HAEYMTTLTR	10
PPUB+1259	Proteomics_pub	817281	817313	+	3	SQVSTEFIPTR	11
PPUB+1260	Proteomics_pub	817341	817379	+	3	RGEEDDTSGHYLR	13
PPUB+1261	Proteomics_pub	817380	817418	+	3	DSAQEAGHHVVDK	13
PPUB+1262	Proteomics_pub	817569	817598	+	3	EVEGFGEVFR	10
PPUB+1263	Proteomics_pub	817668	817700	+	3	TLIFAMPGSTK	11
PPUB+1264	Proteomics_pub	817710	817751	+	3	TAWENIAPQLDAR	14
PPUB+1265	Proteomics_pub	818304	818366	+	3	ELVGTDATEVAADFPTVEALR	21
PPUB+1266	Proteomics_pub	818394	818420	+	3	WALALEDGK	9
PPUB+1267	Proteomics_pub	830248	830292	+	1	TAGFTLPLLQHLITR	15
PPUB+1268	Proteomics_pub	830908	830946	+	1	SAAIHGNKSQGAR	13
PPUB+1269	Proteomics_pub	830986	831015	+	1	VLVATDIAAR	10
PPUB+1270	Proteomics_pub	831388	831423	+	1	LGDAKPAGEQQR	12
PPUB+1271	Proteomics_pub	834792	834839	+	3	LGFPVVVHGVSEDPTR	16
PPUB+1272	Proteomics_pub	835029	835064	+	3	LATPFAEGEALR	12
PPUB+1273	Proteomics_pub	835065	835100	+	3	LSSVSHPEYIGR	12
PPUB+1274	Proteomics_pub	835134	835184	+	3	ALLMHGTEGEVYANPQR	17
PPUB+1275	Proteomics_pub	835185	835211	+	3	CPQINLIDR	9
PPUB+1276	Proteomics_pub	835278	835310	+	3	DPETTAQWIER	11
PPUB+1277	Proteomics_pub	835311	835349	+	3	CLAGSEPIPESLK	13
PPUB+1278	Proteomics_pub	835799	835834	+	2	EAGAAVTLDGDR	12
PPUB+1279	Proteomics_pub	849823	849885	+	1	YRYEEDNSPLGVIGSFTYTEK	21
PPUB+1280	Proteomics_pub	849829	849885	+	1	YEEDNSPLGVIGSFTYTEK	19
PPUB+1281	Proteomics_pub	849886	849918	+	1	SRTASSGDYNK	11
PPUB+1282	Proteomics_pub	849892	849918	+	1	TASSGDYNK	9
PPUB+1283	Proteomics_pub	849892	849957	+	1	TASSGDYNKNQYYGITAGPAYR	22
PPUB+1284	Proteomics_pub	849919	849957	+	1	NQYYGITAGPAYR	13
PPUB+1285	Proteomics_pub	849919	850008	+	1	NQYYGITAGPAYRINDWASIYGVVGVGYGK	30
PPUB+1286	Proteomics_pub	849958	850008	+	1	INDWASIYGVVGVGYGK	17
PPUB+1287	Proteomics_pub	850009	850038	+	1	FQTTEYPYK	10
PPUB+1288	Proteomics_pub	850141	850182	+	1	SVDVGTWIAGVGYR	14
PPUB+1289	Proteomics_pub	850141	850185	+	1	SVDVGTWIAGVGYRF	15
PPUB+1290	Proteomics_pub	855588	855668	+	3	AASLLHGLGFSNEQLERPVSDFSGGWR	27
PPUB+1291	Proteomics_pub	856137	856166	+	3	NALEVEGLTK	10

PPUB+1292	Proteomics_pub	856275	856316	+	3	TLVGDLPDSGTVK	14
PPUB+1293	Proteomics_pub	856722	856760	+	3	VIDFSGNYEDYLR	13
PPUB+1294	Proteomics_pub	868111	868155	+	1	AHHYPSELGGQQQR	15
PPUB+1295	Proteomics_pub	868171	868239	+	1	ALAINPDILLMDEAFSALDPLIR	23
PPUB+1296	Proteomics_pub	880202	880267	+	2	FKETDLVTIGNDAWATGNPVFK	22
PPUB+1297	Proteomics_pub	880445	880504	+	2	NTHFQTVHGLDADGQYSSAR	20
PPUB+1298	Proteomics_pub	880610	880654	+	2	NGLLWDNSLNVDGIK	15
PPUB+1299	Proteomics_pub	880673	880717	+	2	AGYNLVASATEGQMR	15
PPUB+1300	Proteomics_pub	880778	880798	+	2	LLTWGFR	7
PPUB+1301	Proteomics_pub	890407	890442	+	1	MTPTIELICGHR	12
PPUB+1302	Proteomics_pub	890452	890487	+	1	HFTDEPISEAQR	12
PPUB+1303	Proteomics_pub	890512	890556	+	1	ATSSSSFLQCSSIIR	15
PPUB+1304	Proteomics_pub	890569	890610	+	1	ALREELVTLTGGQK	14
PPUB+1305	Proteomics_pub	890578	890610	+	1	EELVTLTGGQK	11
PPUB+1306	Proteomics_pub	890914	890964	+	1	LPASILVHENSYPQLDK	17
PPUB+1307	Proteomics_pub	890965	891015	+	1	GALAQYDEQLAEYYLTR	17
PPUB+1308	Proteomics_pub	891034	891057	+	1	DTWSDHIR	8
PPUB+1309	Proteomics_pub	891073	891108	+	1	ESRPFILDYLHK	12
PPUB+1310	Proteomics_pub	893220	893279	+	3	LMAGSTGFDLVVPSASFLE	20
PPUB+1311	Proteomics_pub	893280	893315	+	3	QLTAGVFQPLDK	12
PPUB+1312	Proteomics_pub	893964	893996	+	3	AATPLVSAEVR	11
PPUB+1313	Proteomics_pub	894433	894468	+	1	GQVLIDGVDIK	12
PPUB+1314	Proteomics_pub	894649	894684	+	1	KPHQLSGGQQQR	12
PPUB+1315	Proteomics_pub	894700	894768	+	1	ALAINPDILLMDEAFSALDPLIR	23
PPUB+1316	Proteomics_pub	898725	898763	+	3	ILYISCNPETLCK	13
PPUB+1317	Proteomics_pub	919990	920025	+	1	YPLHLSGGQQQR	12
PPUB+1318	Proteomics_pub	920062	920103	+	1	LVLADEPTGNLDAR	14
PPUB+1319	Proteomics_pub	922880	922915	+	2	LDVVNFISHGTR	12
PPUB+1320	Proteomics_pub	923030	923059	+	2	VGGIDPLIGR	10
PPUB+1321	Proteomics_pub	923108	923146	+	2	NNPVLIGEPGVGK	13
PPUB+1322	Proteomics_pub	923147	923176	+	2	TAIAEGLAWR	10
PPUB+1323	Proteomics_pub	923678	923710	+	2	AIDVIDEAGAR	11
PPUB+1324	Proteomics_pub	923744	923782	+	2	TVNVADIESVVAR	13
PPUB+1325	Proteomics_pub	923882	923911	+	2	AIEALTEAIK	10
PPUB+1326	Proteomics_pub	923921	923989	+	2	AGLADPNRPIGSFLFLGPTGVGK	23
PPUB+1327	Proteomics_pub	923954	923989	+	2	NILMIGPTGVGK	12
PPUB+1328	Proteomics_pub	924041	924067	+	2	FDMSEYMER	9
PPUB+1329	Proteomics_pub	924149	924190	+	2	RRPYSVILLDEVEK	14
PPUB+1330	Proteomics_pub	924191	924262	+	2	AHPDVFNILLQVLDDGRLTDGQGR	24
PPUB+1331	Proteomics_pub	924515	924547	+	2	GVSLEVSQEAR	11
PPUB+1332	Proteomics_pub	924704	924739	+	2	NELTYGFQSAQK	12
PPUB+1333	Proteomics_pub	931926	931961	+	3	RVGLSPTPCLER	12
PPUB+1334	Proteomics_pub	931929	931961	+	3	VGLSPTPCLER	11
PPUB+1335	Proteomics_pub	932070	932114	+	3	GAPDVFEQFNTAVQK	15
PPUB+1336	Proteomics_pub	932178	932201	+	3	VPDMSAYR	8
PPUB+1337	Proteomics_pub	932229	932252	+	3	LPGVNDTR	8

PPUB+1338	Proteomics_pub	932253	932279	+	3	TYVVMEEVK	9
PPUB+1339	Proteomics_pub	935666	935689	+	2	NLAGYNEK	8
PPUB+1340	Proteomics_pub	936116	936151	+	2	DQEVHAVVQDWK	12
PPUB+1341	Proteomics_pub	936727	936783	+	1	VTDGSGAAVQEGQGDLWVK	19
PPUB+1342	Proteomics_pub	936850	936903	+	1	TLWFYNPFVEQATATWLK	18
PPUB+1343	Proteomics_pub	936943	936978	+	1	NQSSDWQQYNIK	12
PPUB+1344	Proteomics_pub	936979	937011	+	1	QNGDDFVLTPK	11
PPUB+1345	Proteomics_pub	937033	937056	+	1	QFTINVGR	8
PPUB+1346	Proteomics_pub	937057	937104	+	1	DGTIHQFSAVEQDDQR	16
PPUB+1347	Proteomics_pub	937123	937155	+	1	SQQNGAVDAAK	11
PPUB+1348	Proteomics_pub	938675	938701	+	2	NEPDAVAEK	9
PPUB+1349	Proteomics_pub	938723	938758	+	2	LDVDKLGALEER	12
PPUB+1350	Proteomics_pub	938765	938803	+	2	VLQVKTENLQAER	13
PPUB+1351	Proteomics_pub	938843	938866	+	2	GEDIEPLR	8
PPUB+1352	Proteomics_pub	938843	938881	+	2	GEDIEPLRLEVNK	13
PPUB+1353	Proteomics_pub	938909	938941	+	2	AELDALQAEIR	11
PPUB+1354	Proteomics_pub	938942	939025	+	2	DIALTIPNLPADEVPGKDENDNVEVSR	28
PPUB+1355	Proteomics_pub	939062	939118	+	2	DHVTLGEMHSGLDFAAAVK	19
PPUB+1356	Proteomics_pub	939287	939391	+	2	FAGDLFHTRPLEEEADTSNYALIPTAEVPLTNLVR	35
PPUB+1357	Proteomics_pub	939392	939427	+	2	GEIIDEDDLPIK	12
PPUB+1358	Proteomics_pub	939455	939478	+	2	SEAGSYGR	8
PPUB+1359	Proteomics_pub	939518	939592	+	2	VEMVQIVRPEDSMAALEEMTGHAEK	25
PPUB+1360	Proteomics_pub	939593	939622	+	2	VLQLLGLPYR	10
PPUB+1361	Proteomics_pub	939593	939625	+	2	VLQLLGLPYRK	11
PPUB+1362	Proteomics_pub	939626	939667	+	2	IILCTGDMGFGACK	14
PPUB+1363	Proteomics_pub	939668	939712	+	2	TYDLEVVIPAQNTYR	15
PPUB+1364	Proteomics_pub	939713	939754	+	2	EISSCSNVWDFQAR	14
PPUB+1365	Proteomics_pub	939800	939841	+	2	LVHTLNGSGLAVGR	14
PPUB+1366	Proteomics_pub	939842	939886	+	2	TLVAVMENYQQADGR	15
PPUB+1367	Proteomics_pub	956879	956935	+	2	AQIFNFSSGPAMPLPAEVLK	19
PPUB+1368	Proteomics_pub	956957	957001	+	2	DWNGLTGTSVMEVSHR	15
PPUB+1369	Proteomics_pub	957008	957040	+	2	EFIQVAEEAEK	11
PPUB+1370	Proteomics_pub	957008	957049	+	2	EFIQVAEEAEKDFR	14
PPUB+1371	Proteomics_pub	957041	957079	+	2	DFRDLLNVPSNYK	13
PPUB+1372	Proteomics_pub	957050	957079	+	2	DLLNVPSNYK	10
PPUB+1373	Proteomics_pub	957080	957106	+	2	VLFCHGGGR	9
PPUB+1374	Proteomics_pub	957107	957148	+	2	GQFAAVPLNILGDK	14
PPUB+1375	Proteomics_pub	957149	957199	+	2	TTADYVDAGYWAASAIK	17
PPUB+1376	Proteomics_pub	957209	957241	+	2	KYCTPNVFDAK	11
PPUB+1377	Proteomics_pub	957212	957241	+	2	YCTPNVFDAK	10
PPUB+1378	Proteomics_pub	957440	957469	+	2	YGVIIYAGAQK	10
PPUB+1379	Proteomics_pub	957470	957508	+	2	NIGPAGLTIVIVR	13
PPUB+1380	Proteomics_pub	957470	957526	+	2	NIGPAGLTIVIVREDLLGK	19
PPUB+1381	Proteomics_pub	957527	957637	+	2	ANIACPSILDYSILNDNGSMFNTPTFAWYLSGLVFK	37
PPUB+1382	Proteomics_pub	957638	957676	+	2	WLKANGGVAAMDK	13
PPUB+1383	Proteomics_pub	957647	957676	+	2	ANGGVAEMDK	10

PPUB+1384	Proteomics_pub	957647	957691	+	2	ANGGVAEMDKINQQK	15
PPUB+1385	Proteomics_pub	957692	957736	+	2	AELLYGVIDNSDFYR	15
PPUB+1386	Proteomics_pub	957767	957808	+	2	MNVPFQLADSALDK	14
PPUB+1387	Proteomics_pub	957809	957853	+	2	LFLEESFAAGLHALK	15
PPUB+1388	Proteomics_pub	957881	957919	+	2	ASIYNAMPLEGVK	13
PPUB+1389	Proteomics_pub	957920	957952	+	2	ALTDFMVEFER	11
PPUB+1390	Proteomics_pub	958035	958067	+	3	MESLTLQPIAR	11
PPUB+1391	Proteomics_pub	958068	958100	+	3	VDGTINLPGSK	11
PPUB+1392	Proteomics_pub	958116	958148	+	3	ALLLAALAHGK	11
PPUB+1393	Proteomics_pub	958149	958187	+	3	TVLTNLLDSDDVR	13
PPUB+1394	Proteomics_pub	958452	958490	+	3	ITYLEQENYPPLR	13
PPUB+1395	Proteomics_pub	958662	958712	+	3	TFGVEIQHYQQFVVK	17
PPUB+1396	Proteomics_pub	959067	959093	+	3	LFAMATELR	9
PPUB+1397	Proteomics_pub	959094	959135	+	3	KVGAEVEEGHDYIR	14
PPUB+1398	Proteomics_pub	959097	959135	+	3	VGAEVEEGHDYIR	13
PPUB+1399	Proteomics_pub	959154	959192	+	3	LNFAEIATYNDHR	13
PPUB+1400	Proteomics_pub	959268	959300	+	3	TFPDYFEQLAR	11
PPUB+1401	Proteomics_pub	960060	960101	+	3	QEAEADDYSYDLLR	14
PPUB+1402	Proteomics_pub	960427	960477	+	1	TAIAPVITIDGSPGAGK	17
PPUB+1403	Proteomics_pub	960700	960747	+	1	TQEVANAASQVAAPFR	16
PPUB+1404	Proteomics_pub	960787	960816	+	1	ELPGLIADGR	10
PPUB+1405	Proteomics_pub	960817	960855	+	1	DMGTVVFPDAPVK	13
PPUB+1406	Proteomics_pub	960856	960885	+	1	IFLDASSEER	10
PPUB+1407	Proteomics_pub	960919	960942	+	1	GFSVNFER	8
PPUB+1408	Proteomics_pub	961218	961259	+	3	MTESFAQLFEESLK	14
PPUB+1409	Proteomics_pub	961221	961259	+	3	TESFAQLFEESLK	13
PPUB+1410	Proteomics_pub	961260	961292	+	3	EIETRPGSIVR	11
PPUB+1411	Proteomics_pub	961293	961346	+	3	GVVVAIDKDVVLVDAGLK	18
PPUB+1412	Proteomics_pub	961317	961346	+	3	DVVLVDAGLK	10
PPUB+1413	Proteomics_pub	961317	961379	+	3	DVVLVDAGLKSESAIPAEQFK	21
PPUB+1414	Proteomics_pub	961347	961379	+	3	SESAIPAEQFK	11
PPUB+1415	Proteomics_pub	961380	961475	+	3	NAQGELEIQVGDEVDVALDAVEDGFGETLLSR	32
PPUB+1416	Proteomics_pub	961488	961517	+	3	RHEAWITLEK	10
PPUB+1417	Proteomics_pub	961491	961517	+	3	HEAWITLEK	9
PPUB+1418	Proteomics_pub	961518	961562	+	3	AYEDAETVTGVINGK	15
PPUB+1419	Proteomics_pub	961518	961568	+	3	AYEDAETVTGVINGKVK	17
PPUB+1420	Proteomics_pub	961563	961601	+	3	VKGGFTVELNGIR	13
PPUB+1421	Proteomics_pub	961569	961601	+	3	GGFTVELNGIR	11
PPUB+1422	Proteomics_pub	961602	961643	+	3	AFLPGSLVDVRPVR	14
PPUB+1423	Proteomics_pub	961644	961682	+	3	DTLHLEGKELEFK	13
PPUB+1424	Proteomics_pub	961728	961763	+	3	RAVIESENSAER	12
PPUB+1425	Proteomics_pub	961731	961763	+	3	AVIESENSAER	11
PPUB+1426	Proteomics_pub	961731	961805	+	3	AVIESENSAERDQLLENLQEGMEVK	25
PPUB+1427	Proteomics_pub	961764	961805	+	3	DQLLENLQEGMEVK	14
PPUB+1428	Proteomics_pub	961818	961895	+	3	NLTDYGAFVDLGGVDGLLHITDMAWK	26
PPUB+1429	Proteomics_pub	961818	961898	+	3	NLTDYGAFVDLGGVDGLLHITDMAWKR	27

PPUB+1430	Proteomics_pub	961899	961949	+	3	VKHPSEIVNVGDEITVK	17
PPUB+1431	Proteomics_pub	961905	961949	+	3	HPSEIVNVGDEITVK	15
PPUB+1432	Proteomics_pub	961917	961973	+	3	VVNVGDVVEVMVLIDEER	19
PPUB+1433	Proteomics_pub	961998	962033	+	3	QLGEDPWVAIAK	12
PPUB+1434	Proteomics_pub	962067	962159	+	3	VTNLT DYGCFVEIEEGVEGLVHVSEMDWTNK	31
PPUB+1435	Proteomics_pub	962073	962150	+	3	NLTDYGA FVDLGGVDGLLHITDMAWK	26
PPUB+1436	Proteomics_pub	962268	962306	+	3	ANPWQQFAETHNK	13
PPUB+1437	Proteomics_pub	962268	962315	+	3	ANPWQQFAETHNKGDR	16
PPUB+1438	Proteomics_pub	962334	962411	+	3	NLTDYGA FVDLGGVDGLLHITDMAWK	26
PPUB+1439	Proteomics_pub	962334	962438	+	3	SITDFGIFIGLDGGIDGLVHLSDISWNVAGEEAVR	35
PPUB+1440	Proteomics_pub	962448	962495	+	3	KGDEIAAVVLQVDAER	16
PPUB+1441	Proteomics_pub	962451	962495	+	3	GDEIAAVVLQVDAER	15
PPUB+1442	Proteomics_pub	962451	962501	+	3	GDEIAAVVLQVDAERER	17
PPUB+1443	Proteomics_pub	962520	962564	+	3	QLAEDPFNNWVALNK	15
PPUB+1444	Proteomics_pub	962520	962567	+	3	QLAEDPFNNWVALNKK	16
PPUB+1445	Proteomics_pub	962610	962654	+	3	GATVELADGVEGYLR	15
PPUB+1446	Proteomics_pub	962673	962729	+	3	DRVEDATLVLSVGDEVEAK	19
PPUB+1447	Proteomics_pub	962802	962873	+	3	DAIATVNKQEDANFSNNAMAEAFK	24
PPUB+1448	Proteomics_pub	962826	962873	+	3	QEDANFSNNAMAEAFK	16
PPUB+1449	Proteomics_pub	963078	963110	+	3	LATQQSHIPAK	11
PPUB+1450	Proteomics_pub	963132	963176	+	3	EMLEHMASTLAQGER	15
PPUB+1451	Proteomics_pub	963189	963218	+	3	GFGSFLHYR	10
PPUB+1452	Proteomics_pub	963246	963275	+	3	TGDKVELEGK	10
PPUB+1453	Proteomics_pub	966741	966773	+	3	SLTNVNAQFQR	11
PPUB+1454	Proteomics_pub	966879	966905	+	3	NVTFTYPGR	9
PPUB+1455	Proteomics_pub	967395	967427	+	3	AIQAALDELQK	11
PPUB+1456	Proteomics_pub	969908	969946	+	2	LLEIIACPVCNGK	13
PPUB+1457	Proteomics_pub	969986	970012	+	2	LDNLAFPLR	9
PPUB+1458	Proteomics_pub	969986	970048	+	2	LDNLAFPLR DGIPVLLTEAR	21
PPUB+1459	Proteomics_pub	970013	970048	+	2	DGIPVLLTEAR	12
PPUB+1460	Proteomics_pub	970078	970104	+	1	SFVVIIPAR	9
PPUB+1461	Proteomics_pub	970207	970242	+	1	IIVATDHEDVAR	12
PPUB+1462	Proteomics_pub	970243	970281	+	1	AVEAAGGEVCMTR	13
PPUB+1463	Proteomics_pub	970405	970431	+	1	QVADNLAQR	9
PPUB+1464	Proteomics_pub	970573	970614	+	1	FAEGLETVDGNFLR	14
PPUB+1465	Proteomics_pub	970615	970638	+	1	HLGIYGYR	8
PPUB+1466	Proteomics_pub	970735	970800	+	1	IHVAVAQEVPGTGVDTPEDLER	22
PPUB+1467	Proteomics_pub	972355	972414	+	1	GLDASIEHDIVHGLQALPSR	20
PPUB+1468	Proteomics_pub	975573	975611	+	3	SLTLINWNGFFAR	13
PPUB+1469	Proteomics_pub	976203	976235	+	3	DYLLPENSGVR	11
PPUB+1470	Proteomics_pub	976785	976823	+	3	AIQYNQAI AALNR	13
PPUB+1471	Proteomics_pub	977022	977045	+	3	NEAWDVAR	8
PPUB+1472	Proteomics_pub	977076	977105	+	3	HLAEQVQPLR	10
PPUB+1473	Proteomics_pub	977244	977279	+	3	IASLSDSVSNAR	12
PPUB+1474	Proteomics_pub	977508	977534	+	3	NAVDEEIER	9
PPUB+1475	Proteomics_pub	977535	977567	+	3	LSQPGGSEDQR	11

PPUB+1476	Proteomics_pub	978099	978137	+	3	ALSNHENDNQQR	13
PPUB+1477	Proteomics_pub	978279	978311	+	3	FVQQFGNQLAK	11
PPUB+1478	Proteomics_pub	978312	978368	+	3	LEPIVSVLQSDPEQFEQLK	19
PPUB+1479	Proteomics_pub	978954	978989	+	3	RELAYLSADDLR	12
PPUB+1480	Proteomics_pub	978957	978989	+	3	ELAYLSADDLR	11
PPUB+1481	Proteomics_pub	981384	981425	+	3	AFLPGSLVDVRPVR	14
PPUB+1482	Proteomics_pub	982945	982983	+	1	LAALVDPGGDAEK	13
PPUB+1483	Proteomics_pub	983116	983157	+	1	EDEFWLQGLPAQSR	14
PPUB+1484	Proteomics_pub	989944	989976	+	1	TVVTAVSQAVR	11
PPUB+1485	Proteomics_pub	989977	990003	+	1	HGASDAPLR	9
PPUB+1486	Proteomics_pub	990070	990111	+	1	EEEGALVISNLPER	14
PPUB+1487	Proteomics_pub	990223	990264	+	1	HITYYLDLRPDVLR	14
PPUB+1488	Proteomics_pub	990292	990327	+	1	IKYPFLLSNGNR	12
PPUB+1489	Proteomics_pub	990298	990327	+	1	YPFLLSNGNR	10
PPUB+1490	Proteomics_pub	990328	990357	+	1	VAQGELENGR	10
PPUB+1491	Proteomics_pub	990466	990495	+	1	EVALELYVDR	10
PPUB+1492	Proteomics_pub	990643	990666	+	1	GLNIFNSK	8
PPUB+1493	Proteomics_pub	990682	990723	+	1	TDTATDKDYLDIER	14
PPUB+1494	Proteomics_pub	990724	990765	+	1	VIGHEYFHNWTGNR	14
PPUB+1495	Proteomics_pub	990802	990855	+	1	EGLTVFRDQEFSSDLGSR	18
PPUB+1496	Proteomics_pub	990823	990855	+	1	DQEFSSDLGSR	11
PPUB+1497	Proteomics_pub	991012	991050	+	1	MIHTLLGEENFQK	13
PPUB+1498	Proteomics_pub	991051	991074	+	1	GMQLYFER	8
PPUB+1499	Proteomics_pub	991159	991197	+	1	WYSQSGTPIVTVK	13
PPUB+1500	Proteomics_pub	991249	991278	+	1	TPATPDQAEK	10
PPUB+1501	Proteomics_pub	991279	991329	+	1	QPLHIPFAIELYDNEGK	17
PPUB+1502	Proteomics_pub	991480	991512	+	1	WSDQQLTFLMR	11
PPUB+1503	Proteomics_pub	991537	991575	+	1	WDAAQSLLATYIK	13
PPUB+1504	Proteomics_pub	991591	991644	+	1	HQQGQPLSLPVHVADAFR	18
PPUB+1505	Proteomics_pub	991903	991950	+	1	FLAFGETHLADVLVSK	16
PPUB+1506	Proteomics_pub	992089	992142	+	1	WFILQATSPAANVLETVR	18
PPUB+1507	Proteomics_pub	992161	992187	+	1	SFTMSNPNR	9
PPUB+1508	Proteomics_pub	992194	992298	+	1	SLIGAFAGSNPAAFHAEDGSGYFLVEMLTDLNSR	35
PPUB+1509	Proteomics_pub	992278	992340	+	1	ITDAYAENPQIANLLLAPYFK	21
PPUB+1510	Proteomics_pub	992401	992436	+	1	GLENLSGDLYEK	12
PPUB+1511	Proteomics_pub	1004015	1004041	+	2	ALFQLDPER	9
PPUB+1512	Proteomics_pub	1004288	1004326	+	2	LFRLVDAEGLINR	13
PPUB+1513	Proteomics_pub	1004297	1004326	+	2	LVDAEGLINR	10
PPUB+1514	Proteomics_pub	1007067	1007096	+	3	MNSLFASTAR	10
PPUB+1515	Proteomics_pub	1007193	1007222	+	3	LVYQSLMWSR	10
PPUB+1516	Proteomics_pub	1007967	1008011	+	3	GPYGTVLSNPPYGER	15
PPUB+1517	Proteomics_pub	1008012	1008059	+	3	LDSEPALIALHSLGR	16
PPUB+1518	Proteomics_pub	1009601	1009675	+	2	INEVLAQLGLDPNVALSSLSGGWLR	25
PPUB+1519	Proteomics_pub	1009778	1009825	+	2	FLHDFEGTVVAITHDR	16
PPUB+1520	Proteomics_pub	1010276	1010311	+	2	LMLGQLQADSGR	12
PPUB+1521	Proteomics_pub	1013028	1013069	+	3	VGSVETSTFDTQKR	14

PPUB+1522	Proteomics_pub	1013742	1013771	+	3	LMEALDKINK	10
PPUB+1523	Proteomics_pub	1014057	1014083	+	3	SNALVFEAK	9
PPUB+1524	Proteomics_pub	1024864	1024893	+	1	LMAPLLKAWK	10
PPUB+1525	Proteomics_pub	1025716	1025745	+	1	NLDVVPVARKP	10
PPUB+1526	Proteomics_pub	1027541	1027579	+	2	CPAIEIPRLGLAK	13
PPUB+1527	Proteomics_pub	1050732	1050767	+	3	GFGFITPDDGSK	12
PPUB+1528	Proteomics_pub	1050732	1050767	+	3	GFGFISVPDVGSK	12
PPUB+1529	Proteomics_pub	1050732	1050767	+	3	GFGFITPADGSK	12
PPUB+1530	Proteomics_pub	1050732	1050767	+	3	GFGFITPEDGSK	12
PPUB+1531	Proteomics_pub	1050732	1050767	+	3	GFGFITPDDGSK	12
PPUB+1532	Proteomics_pub	1050732	1050767	+	3	GFGFITPKDVGSK	12
PPUB+1533	Proteomics_pub	1050768	1050812	+	3	DVFBVHFSAIQNDGYK	15
PPUB+1534	Proteomics_pub	1050768	1050812	+	3	DVFBVHFSAIQNGGFK	15
PPUB+1535	Proteomics_pub	1050768	1050812	+	3	DVFBVHFSAIQTNGFK	15
PPUB+1536	Proteomics_pub	1050813	1050863	+	3	TLAEGQNVFEIQDGGQK	17
PPUB+1537	Proteomics_pub	1050813	1050863	+	3	TLNENQKVEFSIEQQQR	17
PPUB+1538	Proteomics_pub	1050834	1050863	+	3	VEFSIEQQQR	10
PPUB+1539	Proteomics_pub	1051314	1051352	+	3	QAETEIADFIAQK	13
PPUB+1540	Proteomics_pub	1051419	1051448	+	3	MTGLESYDVK	10
PPUB+1541	Proteomics_pub	1051419	1051448	+	3	MTGLESYDVK	10
PPUB+1542	Proteomics_pub	1057970	1058008	+	2	EASGSLLPASEVK	13
PPUB+1543	Proteomics_pub	1081703	1081732	+	2	ENIAPGFSQK	10
PPUB+1544	Proteomics_pub	1082129	1082155	+	2	ALFGDNTTK	9
PPUB+1545	Proteomics_pub	1082243	1082290	+	2	VVGAAGLIEEVAASK	16
PPUB+1546	Proteomics_pub	1082366	1082398	+	2	IVDLLRPQLQK	11
PPUB+1547	Proteomics_pub	1082531	1082572	+	2	GPITALAEDLAQLR	14
PPUB+1548	Proteomics_pub	1084848	1084880	+	3	LGFLPGDLSQK	11
PPUB+1549	Proteomics_pub	1097328	1097375	+	3	LQAHPEMLNPSVPLFR	16
PPUB+1550	Proteomics_pub	1097754	1097789	+	3	LPDGAYLLNLR	12
PPUB+1551	Proteomics_pub	1098285	1098311	+	3	VVDGVGILR	9
PPUB+1552	Proteomics_pub	1098890	1098913	+	2	VLGSLYLR	8
PPUB+1553	Proteomics_pub	1098914	1098958	+	2	QPQDPLLPLFTLIR	15
PPUB+1554	Proteomics_pub	1098968	1099012	+	2	LAANWPLEQDELLTR	15
PPUB+1555	Proteomics_pub	1099313	1099345	+	2	VEAHATTPFWR	11
PPUB+1556	Proteomics_pub	1108723	1108761	+	1	YADYQQIQFNHDK	13
PPUB+1557	Proteomics_pub	1108762	1108782	+	1	AYWNNLK	7
PPUB+1558	Proteomics_pub	1108795	1108839	+	1	LEFYHQGMFYFDTPVK	15
PPUB+1559	Proteomics_pub	1108840	1108869	+	1	INEVTATAVK	10
PPUB+1560	Proteomics_pub	1108840	1108872	+	1	INEVTATAVKR	11
PPUB+1561	Proteomics_pub	1108879	1108935	+	1	YSPDYFTFGDVGQHDKDTVK	19
PPUB+1562	Proteomics_pub	1108936	1108959	+	1	DLGFAGFK	8
PPUB+1563	Proteomics_pub	1108984	1109031	+	1	DKNDEIVSMLGASYFR	16
PPUB+1564	Proteomics_pub	1108990	1109031	+	1	NDEIVSMLGASYFR	14
PPUB+1565	Proteomics_pub	1109032	1109070	+	1	VIGAGQVYGLSAR	13
PPUB+1566	Proteomics_pub	1109071	1109118	+	1	GLAIDTALPSGEEFPR	16
PPUB+1567	Proteomics_pub	1109161	1109196	+	1	RLTIYALLDSPR	12

PPUB+1568	Proteomics_pub	1109164	1109196	+	1	LTIYALLDSPR	11
PPUB+1569	Proteomics_pub	1109215	1109262	+	1	FVVMGRDVTVDVQSK	16
PPUB+1570	Proteomics_pub	1109236	1109262	+	1	DTVVDVQSK	9
PPUB+1571	Proteomics_pub	1109443	1109502	+	1	HLAVSSFSMENPQGFGLLQR	20
PPUB+1572	Proteomics_pub	1109593	1109688	+	1	GSVELVEIPTNDETNDNIVAYWTPDQLPEPGK	32
PPUB+1573	Proteomics_pub	1109725	1109775	+	1	DEDKLHAPDNAWVQQR	17
PPUB+1574	Proteomics_pub	1109869	1109946	+	1	KLPEDTPVTAQTSIGDNGEIVESTVR	26
PPUB+1575	Proteomics_pub	1124971	1124997	+	1	LGMINEFHK	9
PPUB+1576	Proteomics_pub	1125386	1125412	+	2	YQLTALLEAR	9
PPUB+1577	Proteomics_pub	1125632	1125661	+	2	FCNSEFGDLK	10
PPUB+1578	Proteomics_pub	1125995	1126024	+	2	LDSLLAHLGD	10
PPUB+1579	Proteomics_pub	1144190	1144225	+	2	IVAITADEAGQR	12
PPUB+1580	Proteomics_pub	1144379	1144423	+	2	VAEREEAVSPHLQK	15
PPUB+1581	Proteomics_pub	1144589	1144627	+	2	LDRDTSGVLLVAK	13
PPUB+1582	Proteomics_pub	1144598	1144627	+	2	DTSGVLLVAK	10
PPUB+1583	Proteomics_pub	1144706	1144729	+	2	GQWQSHVK	8
PPUB+1584	Proteomics_pub	1144730	1144777	+	2	SVQAPLLKNILQSGER	16
PPUB+1585	Proteomics_pub	1144787	1144819	+	2	VSQEGKPSETR	11
PPUB+1586	Proteomics_pub	1144967	1144999	+	2	QLTEAGTGLNR	11
PPUB+1587	Proteomics_pub	1145027	1145059	+	2	FTHPGTGEVMR	11
PPUB+1588	Proteomics_pub	1146026	1146058	+	2	VKLPLTDPVR	11
PPUB+1589	Proteomics_pub	1146032	1146058	+	2	LPLTDPVR	9
PPUB+1590	Proteomics_pub	1146071	1146115	+	2	RLDYQGIYTPDQVER	15
PPUB+1591	Proteomics_pub	1146188	1146214	+	2	LAVLNGDAK	9
PPUB+1592	Proteomics_pub	1146215	1146241	+	2	VTVTLECQR	9
PPUB+1593	Proteomics_pub	1146593	1146619	+	2	AVQQNKPTR	9
PPUB+1594	Proteomics_pub	1146638	1146685	+	2	RSHDALTAVTSLSVDK	16
PPUB+1595	Proteomics_pub	1146641	1146685	+	2	SHDALTAVTSLSVDK	15
PPUB+1596	Proteomics_pub	1146641	1146700	+	2	SHDALTAVTSLSVDKTSGEK	20
PPUB+1597	Proteomics_pub	1146710	1146739	+	2	HHITADGYR	10
PPUB+1598	Proteomics_pub	1147994	1148032	+	2	IIGTGSYLPEQVR	13
PPUB+1599	Proteomics_pub	1148054	1148089	+	2	MVDTSEWIVTR	12
PPUB+1600	Proteomics_pub	1148108	1148164	+	2	HIAAPNETVSTMGFEEATR	19
PPUB+1601	Proteomics_pub	1148378	1148413	+	2	YALVVGSDVLAR	12
PPUB+1602	Proteomics_pub	1148624	1148686	+	2	VAVTELAHIVDETLAANNLDR	21
PPUB+1603	Proteomics_pub	1148687	1148728	+	2	SQLDWLVPHQANLR	14
PPUB+1604	Proteomics_pub	1148750	1148794	+	2	KLGMSMDNVVVTLDR	15
PPUB+1605	Proteomics_pub	1148795	1148848	+	2	HGNTSAASVPCALDEAVR	18
PPUB+1606	Proteomics_pub	1149125	1149175	+	2	TWQTQPALLTASVALYR	17
PPUB+1607	Proteomics_pub	1149176	1149199	+	2	VWQQQGGK	8
PPUB+1608	Proteomics_pub	1149200	1149286	+	2	APAMMAGHSLGEYSALVCAGVIDFADAVR	29
PPUB+1609	Proteomics_pub	1149308	1149385	+	2	FMQEAVPEGTGAMAAIIGLDDASIAK	26
PPUB+1610	Proteomics_pub	1149386	1149469	+	2	ACEEAAEGQVVSPVNFNSPGQVVIAGHK	28
PPUB+1611	Proteomics_pub	1149518	1149583	+	2	RALPLPVSVP SHCALMKPAADK	22
PPUB+1612	Proteomics_pub	1149521	1149583	+	2	ALPLPVSVP SHCALMKPAADK	21
PPUB+1613	Proteomics_pub	1149605	1149655	+	2	ITFNAPTVPVNNVDVK	17

PPUB+1614	Proteomics_pub	1149656	1149682	+	2	CETNGDAIR	9
PPUB+1615	Proteomics_pub	1149656	1149697	+	2	CETNGDAIRDALVR	14
PPUB+1616	Proteomics_pub	1149698	1149727	+	2	QLYNPVQWTK	10
PPUB+1617	Proteomics_pub	1149728	1149787	+	2	SVEYMAAQGVEHLYEVGPGK	20
PPUB+1618	Proteomics_pub	1149809	1149877	+	2	RIVDTLTASALNEPSAMAAALEL	23
PPUB+1619	Proteomics_pub	1149812	1149877	+	2	IVDTLTASALNEPSAMAAALEL	22
PPUB+1620	Proteomics_pub	1149911	1149949	+	2	IALVTGASRGIGR	13
PPUB+1621	Proteomics_pub	1149950	1149985	+	2	AIAETLAARGAK	12
PPUB+1622	Proteomics_pub	1149986	1150054	+	2	VIGTATSENGAQ AISDYL GANGK	23
PPUB+1623	Proteomics_pub	1150055	1150108	+	2	GLMLNVTD PASIESVLEK	18
PPUB+1624	Proteomics_pub	1150109	1150165	+	2	IRAEFGVDILVNNAGITR	19
PPUB+1625	Proteomics_pub	1150115	1150165	+	2	AEFGVDILVNNAGITR	17
PPUB+1626	Proteomics_pub	1150184	1150240	+	2	MKDEEWN DIIETNLSSVFR	19
PPUB+1627	Proteomics_pub	1150190	1150240	+	2	DEEWN DIIETNLSSVFR	17
PPUB+1628	Proteomics_pub	1150289	1150357	+	2	IITIGSVVGTMGNGGQANYAAAK	23
PPUB+1629	Proteomics_pub	1150409	1150462	+	2	GITVNVVAPGFIEDMTR	18
PPUB+1630	Proteomics_pub	1150463	1150516	+	2	ALSDDQRAGILAQVPAGR	18
PPUB+1631	Proteomics_pub	1150484	1150516	+	2	AGILAQVPAGR	11
PPUB+1632	Proteomics_pub	1150865	1150894	+	2	KIIEQLGVK	10
PPUB+1633	Proteomics_pub	1151024	1151071	+	2	ITTVQAAIDYINGHQA	16
PPUB+1634	Proteomics_pub	1151174	1151239	+	2	RVVVTGLGMLSPVGNTVESTWK	22
PPUB+1635	Proteomics_pub	1151177	1151239	+	2	VVVTGLGMLSPVGNTVESTWK	21
PPUB+1636	Proteomics_pub	1151327	1151356	+	2	DFNCEDIISR	10
PPUB+1637	Proteomics_pub	1151327	1151359	+	2	DFNCEDIISRK	11
PPUB+1638	Proteomics_pub	1151462	1151545	+	2	IGAAIGSGIGGLG LIEENHTSLMNGGPR	28
PPUB+1639	Proteomics_pub	1151624	1151689	+	2	GPSISIATACTSGVHNIGHAAR	22
PPUB+1640	Proteomics_pub	1151741	1151782	+	2	ASTPLGVGGFGAAR	14
PPUB+1641	Proteomics_pub	1151798	1151836	+	2	NDNPQAASRPWDK	13
PPUB+1642	Proteomics_pub	1151843	1151911	+	2	DGFVIAGGGGMVVVELEHALAR	23
PPUB+1643	Proteomics_pub	1152029	1152100	+	2	DAGIEASQIGYVNAHGTSTPAGDK	24
PPUB+1644	Proteomics_pub	1152029	1152121	+	2	DAGIEASQIGYVNAHGTSTPAGDKAEAQAVK	31
PPUB+1645	Proteomics_pub	1152122	1152148	+	2	TIFGEAASR	9
PPUB+1646	Proteomics_pub	1152170	1152238	+	2	SMTGHLLGAAGAVESIYSILALR	23
PPUB+1647	Proteomics_pub	1154359	1154394	+	1	YIVIEGLEGAGK	12
PPUB+1648	Proteomics_pub	1154821	1154853	+	1	IEQESFDFFNR	11
PPUB+1649	Proteomics_pub	1154866	1154892	+	1	YLELAAQDK	9
PPUB+1650	Proteomics_pub	1156363	1156395	+	1	ELNKPVI VHTR	11
PPUB+1651	Proteomics_pub	1156597	1156644	+	1	LLVETDSPYLAPVPHR	16
PPUB+1652	Proteomics_pub	1156675	1156704	+	1	DVAEYMAVLK	10
PPUB+1653	Proteomics_pub	1157503	1157541	+	1	IKLPEYLGFFAGK	13
PPUB+1654	Proteomics_pub	1157509	1157541	+	1	LPEYLGFFAGK	11
PPUB+1655	Proteomics_pub	1157809	1157838	+	1	YMAGDPTAGK	10
PPUB+1656	Proteomics_pub	1158238	1158273	+	1	TPGREDATEDAK	12
PPUB+1657	Proteomics_pub	1158274	1158327	+	1	ATGTSEMAPALVA AFGGK	18
PPUB+1658	Proteomics_pub	1158328	1158363	+	1	ENITNLDACITR	12
PPUB+1659	Proteomics_pub	1158370	1158414	+	1	VSVADVSKVDQAGLK	15

PPUB+1660	Proteomics_pub	1158415	1158477	+	1	KLGAAGVVVAGSGVQAIFGTK	21
PPUB+1661	Proteomics_pub	1158478	1158516	+	1	SDNLKTEMDEYIR	13
PPUB+1662	Proteomics_pub	1158493	1158516	+	1	TEMDEYIR	8
PPUB+1663	Proteomics_pub	1161147	1161197	+	3	EIPSDIVYQDDLVTAFR	17
PPUB+1664	Proteomics_pub	1161198	1161299	+	3	DISPQAPTHILIIIPNILIPTVNDVSAEHEQALGR	34
PPUB+1665	Proteomics_pub	1161321	1161359	+	3	IAEQEGIAEDGYR	13
PPUB+1666	Proteomics_pub	1162194	1162238	+	3	TNGSLNAAEATETLR	15
PPUB+1667	Proteomics_pub	1162263	1162301	+	3	FTLVSAQQLSMAK	13
PPUB+1668	Proteomics_pub	1162302	1162343	+	3	QQGLGSPQDSLGR	14
PPUB+1669	Proteomics_pub	1163486	1163518	+	2	LVVAVDQEGGR	11
PPUB+1670	Proteomics_pub	1164167	1164205	+	2	GAVSVLDNLSPIK	13
PPUB+1671	Proteomics_pub	1164420	1164455	+	3	VLQLQFIDPDVR	12
PPUB+1672	Proteomics_pub	1164594	1164617	+	3	IGFLCDIR	8
PPUB+1673	Proteomics_pub	1164669	1164707	+	3	IDRPEEYADIATK	13
PPUB+1674	Proteomics_pub	1165713	1165751	+	3	ENCIFLDNPHQAR	13
PPUB+1675	Proteomics_pub	1165752	1165787	+	3	RFHQEMLNLFK	12
PPUB+1676	Proteomics_pub	1165755	1165787	+	3	FHQEMLNLFK	11
PPUB+1677	Proteomics_pub	1165788	1165817	+	3	YSANLGANGK	10
PPUB+1678	Proteomics_pub	1165818	1165889	+	3	VNIAIVGGGATGVLSAELHNAVK	24
PPUB+1679	Proteomics_pub	1165914	1165964	+	3	GLTNEALNVTLVEAGER	17
PPUB+1680	Proteomics_pub	1165989	1166021	+	3	ISAAAHNELTK	11
PPUB+1681	Proteomics_pub	1166034	1166087	+	3	VLTQTMVTSADEGGLHTK	18
PPUB+1682	Proteomics_pub	1166157	1166183	+	3	DIGGLETNR	9
PPUB+1683	Proteomics_pub	1166184	1166225	+	3	INQLVVEPTLQTR	14
PPUB+1684	Proteomics_pub	1166388	1166456	+	3	DHGSLVLSLNFSTVGSMLMGNLTR	23
PPUB+1685	Proteomics_pub	1176256	1176300	+	1	AHHYPSELSSGGQQQR	15
PPUB+1686	Proteomics_pub	1176256	1176294	+	1	ANHRPSELSSGGER	13
PPUB+1687	Proteomics_pub	1176337	1176378	+	1	LVLADEPTGNLDAR	14
PPUB+1688	Proteomics_pub	1176891	1176917	+	3	GVNPQQEQR	9
PPUB+1689	Proteomics_pub	1176969	1176998	+	3	AGEQQIIIGK	10
PPUB+1690	Proteomics_pub	1185364	1185468	+	1	GGDIALGIGDEVLSPVMFVVLHQLLGGQLITTDGK	35
PPUB+1691	Proteomics_pub	1194346	1194381	+	1	MESKVVVPAQ GK	12
PPUB+1692	Proteomics_pub	1194406	1194486	+	1	LNVPENPIIPYIEGDGIGVDVTPAMLK	27
PPUB+1693	Proteomics_pub	1194529	1194564	+	1	KISWMEIYTGEK	12
PPUB+1694	Proteomics_pub	1194532	1194564	+	1	ISWMEIYTGEK	11
PPUB+1695	Proteomics_pub	1194565	1194624	+	1	STQVYQDQVWLPAETLDLIR	20
PPUB+1696	Proteomics_pub	1194634	1194681	+	1	VAIKGPLTTPVGGGIR	16
PPUB+1697	Proteomics_pub	1194646	1194681	+	1	GPLTTPVGGGIR	12
PPUB+1698	Proteomics_pub	1194703	1194741	+	1	QELDLYICLRPVR	13
PPUB+1699	Proteomics_pub	1194742	1194771	+	1	YYQGTSPSPVK	10
PPUB+1700	Proteomics_pub	1194742	1194804	+	1	YYQGTSPSPVKHPELTD MVIFR	21
PPUB+1701	Proteomics_pub	1194772	1194804	+	1	HPELTD MVIFR	11
PPUB+1702	Proteomics_pub	1194805	1194843	+	1	ENSEDIYAGIEWK	13
PPUB+1703	Proteomics_pub	1194907	1194966	+	1	IRFPEHCGIGIKPCSEEGTK	20
PPUB+1704	Proteomics_pub	1194979	1195011	+	1	AAIEYAIANDR	11
PPUB+1705	Proteomics_pub	1194979	1195035	+	1	AAIEYAIANDRDSVTLVHK	19

PPUB+1706	Proteomics_pub	1195051	1195095	+	1	FTEGAFKDWGYQLAR	15
PPUB+1707	Proteomics_pub	1195072	1195095	+	1	DWGYQLAR	8
PPUB+1708	Proteomics_pub	1195096	1195140	+	1	EEFGGELIDGGPWLK	15
PPUB+1709	Proteomics_pub	1195141	1195164	+	1	VKNPNTGK	8
PPUB+1710	Proteomics_pub	1195396	1195440	+	1	VNPGSILSAEMMLR	15
PPUB+1711	Proteomics_pub	1195441	1195479	+	1	HMGWTEAADLIVK	13
PPUB+1712	Proteomics_pub	1195480	1195506	+	1	GMEGAINAK	9
PPUB+1713	Proteomics_pub	1195507	1195530	+	1	TVTYDFER	8
PPUB+1714	Proteomics_pub	1210645	1210683	+	1	HMGWTEAADLIVK	13
PPUB+1715	Proteomics_pub	1210684	1210710	+	1	GMEGAINAK	9
PPUB+1716	Proteomics_pub	1210711	1210734	+	1	TVTYDFER	8
PPUB+1717	Proteomics_pub	1234266	1234295	+	3	ELSELIGVTR	10
PPUB+1718	Proteomics_pub	1234425	1234475	+	3	LDHESVPQLIDNLLSVR	17
PPUB+1719	Proteomics_pub	1234476	1234502	+	3	TNISTIFIR	9
PPUB+1720	Proteomics_pub	1234692	1234718	+	3	HYFANPEAR	9
PPUB+1721	Proteomics_pub	1237163	1237192	+	2	AETNIQYEGR	10
PPUB+1722	Proteomics_pub	1237220	1237249	+	2	TEQQYENATR	10
PPUB+1723	Proteomics_pub	1264280	1264336	+	2	HEEVQALLGDAQTIADQER	19
PPUB+1724	Proteomics_pub	1264583	1264633	+	2	AGTGGDEAALFAGDLFR	17
PPUB+1725	Proteomics_pub	1264784	1264819	+	2	VQRVPATESQGR	12
PPUB+1726	Proteomics_pub	1264823	1264903	+	2	HTSFSSAFVYPEVDDDDIDIEINPADLR	27
PPUB+1727	Proteomics_pub	1264970	1265017	+	2	ITHIPTGIVTQCQNDR	16
PPUB+1728	Proteomics_pub	1267400	1267480	+	2	VVSGDINVANDLPFVLFGGMNVLESR	27
PPUB+1729	Proteomics_pub	1267496	1267528	+	2	ICEHYVTVTQK	11
PPUB+1730	Proteomics_pub	1267529	1267552	+	2	LGIPYVFK	8
PPUB+1731	Proteomics_pub	1267598	1267624	+	2	GPGLEEGMK	9
PPUB+1732	Proteomics_pub	1267661	1267747	+	2	IITDVHEPSQAQPVADVVDVIQLPAFLAR	29
PPUB+1733	Proteomics_pub	1267748	1267777	+	2	QTDLVEAMAK	10
PPUB+1734	Proteomics_pub	1267802	1267849	+	2	KPQFVSPGQMGNIVDK	16
PPUB+1735	Proteomics_pub	1267850	1267873	+	2	FKEGGNEK	8
PPUB+1736	Proteomics_pub	1267892	1267951	+	2	GANFGYDNLVVDMLGFSIMK	20
PPUB+1737	Proteomics_pub	1267952	1268008	+	2	KVSGNSPVIFDVTHALQCR	19
PPUB+1738	Proteomics_pub	1267955	1268008	+	2	VSGNSPVIFDVTHALQCR	18
PPUB+1739	Proteomics_pub	1268009	1268038	+	2	DPFGAASGGR	10
PPUB+1740	Proteomics_pub	1268132	1268164	+	2	CDGPSALPLAK	11
PPUB+1741	Proteomics_pub	1268213	1268239	+	2	GFEELDTSK	9
PPUB+1742	Proteomics_pub	1279957	1279983	+	1	LCDLWLAPK	9
PPUB+1743	Proteomics_pub	1282163	1282201	+	2	ITPTFTEESDGVR	13
PPUB+1744	Proteomics_pub	1283298	1283324	+	3	DKNFDNIQK	9
PPUB+1745	Proteomics_pub	1290707	1290742	+	2	KAVIPVAGLGTR	12
PPUB+1746	Proteomics_pub	1290710	1290760	+	2	AVIPVAGLGMHMLPATK	17
PPUB+1747	Proteomics_pub	1290710	1290742	+	2	AVIPVAGLGTR	11
PPUB+1748	Proteomics_pub	1290944	1291003	+	2	QLLDEVQSI CPPHVTIMQVR	20
PPUB+1749	Proteomics_pub	1291232	1291291	+	2	GVELAPGESVPMVGVVEKPK	20
PPUB+1750	Proteomics_pub	1291292	1291330	+	2	ADVAPSNLAIVGR	13
PPUB+1751	Proteomics_pub	1291331	1291369	+	2	YVLSADIWPLAK	13

PPUB+1752	Proteomics_pub	1291433	1291459	+	2	ETVEAYHMK	9
PPUB+1753	Proteomics_pub	1291487	1291525	+	2	LGYMQAFVEYGIR	13
PPUB+1754	Proteomics_pub	1291526	1291552	+	2	HNTLGTEFK	9
PPUB+1755	Proteomics_pub	1291553	1291585	+	2	AWLEEEMGIKK	11
PPUB+1756	Proteomics_pub	1292795	1292836	+	2	STALLQSSYNYQER	14
PPUB+1757	Proteomics_pub	1292846	1292878	+	2	TVVYTAEIDDR	11
PPUB+1758	Proteomics_pub	1293218	1293280	+	2	LDQAGRPYNEGEQVVIGNER	21
PPUB+1759	Proteomics_pub	1293311	1293352	+	2	EALQVDSLTAIQR	14
PPUB+1760	Proteomics_pub	1299335	1299373	+	2	NNGSEVQSLDPHK	13
PPUB+1761	Proteomics_pub	1299335	1299406	+	2	NNGSEVQSLDPHKIEGVPEISNR	24
PPUB+1762	Proteomics_pub	1299374	1299406	+	2	IEGVPEISNR	11
PPUB+1763	Proteomics_pub	1299407	1299484	+	2	DLFEGLLVSDLDGHPAPGVAESWDNK	26
PPUB+1764	Proteomics_pub	1299494	1299514	+	2	VWTFHLR	7
PPUB+1765	Proteomics_pub	1299527	1299580	+	2	WADGTPVTAQDFVYSWQR	18
PPUB+1766	Proteomics_pub	1299527	1299580	+	2	WSDGTPVTAQDFVYSWQR	18
PPUB+1767	Proteomics_pub	1299581	1299667	+	2	SVDPNTASPYASYLQYGHIAIDEILEGK	29
PPUB+1768	Proteomics_pub	1299668	1299694	+	2	KPITDLGVK	9
PPUB+1769	Proteomics_pub	1299695	1299754	+	2	AIDDHTLEVTLSEVPYFYK	20
PPUB+1770	Proteomics_pub	1299755	1299790	+	2	LLVHPSTSPVPK	12
PPUB+1771	Proteomics_pub	1299818	1299865	+	2	WTQPGNIVTNGAYTLK	16
PPUB+1772	Proteomics_pub	1299887	1299928	+	2	IVLERSPTYWNNAK	14
PPUB+1773	Proteomics_pub	1299902	1299928	+	2	SPTYWNNAK	9
PPUB+1774	Proteomics_pub	1299929	1299988	+	2	TVINQVTYLPIASEVTDVNR	20
PPUB+1775	Proteomics_pub	1299929	1299994	+	2	TVINQVTYLPIASEVTDVNRYSR	22
PPUB+1776	Proteomics_pub	1300166	1300198	+	2	LGMDRDIIVNK	11
PPUB+1777	Proteomics_pub	1300205	1300261	+	2	AQGNMPAYGYTPPYTDGAK	19
PPUB+1778	Proteomics_pub	1300262	1300300	+	2	LTQPEWFGWSQEK	13
PPUB+1779	Proteomics_pub	1300262	1300303	+	2	LTQPEWFGWSQEK	14
PPUB+1780	Proteomics_pub	1300322	1300399	+	2	LLAEAGYTADKPLTINLLYNTSDLHK	26
PPUB+1781	Proteomics_pub	1300322	1300402	+	2	LLAEAGYTADKPLTINLLYNTSDLHKK	27
PPUB+1782	Proteomics_pub	1300400	1300432	+	2	KLAIAASSLWK	11
PPUB+1783	Proteomics_pub	1300403	1300432	+	2	LAIAASSLWK	10
PPUB+1784	Proteomics_pub	1300496	1300522	+	2	HQGTDFVAR	9
PPUB+1785	Proteomics_pub	1300523	1300609	+	2	AGWCADYNEPTSFLNTMLSNSSMNTAHYK	29
PPUB+1786	Proteomics_pub	1300610	1300648	+	2	SPAFDSIMAETLK	13
PPUB+1787	Proteomics_pub	1300688	1300750	+	2	AEQLDKDSAIVPVYYYVNR	21
PPUB+1788	Proteomics_pub	1300709	1300750	+	2	DSAIVPVYYYVNR	14
PPUB+1789	Proteomics_pub	1300751	1300786	+	2	LVKPVVGGYTGK	12
PPUB+1790	Proteomics_pub	1300751	1300813	+	2	LVKPVVGGYTGKPLDNTYTR	21
PPUB+1791	Proteomics_pub	1300787	1300813	+	2	PLDNTYTR	9
PPUB+1792	Proteomics_pub	1322167	1322196	+	1	LINQAVEIVR	10
PPUB+1793	Proteomics_pub	1322710	1322739	+	1	EGVGDVVKPFL	10
PPUB+1794	Proteomics_pub	1324930	1324959	+	1	EIESIIEAGR	10
PPUB+1795	Proteomics_pub	1325080	1325121	+	1	VLAYYKPEGELCTR	14
PPUB+1796	Proteomics_pub	1325305	1325331	+	1	VFGQVDDAK	9
PPUB+1797	Proteomics_pub	1325350	1325385	+	1	GVQLEDGPAAFK	12

PPUB+1798	Proteomics_pub	1325467	1325502	+	1	RLWEAVGVQVSR	12
PPUB+1799	Proteomics_pub	1327629	1327661	+	3	LGEVATDSKPR	11
PPUB+1800	Proteomics_pub	1328328	1328372	+	3	FTGSAAESADRLLLR	15
PPUB+1801	Proteomics_pub	1329081	1329110	+	3	ALVIVESPAK	10
PPUB+1802	Proteomics_pub	1329129	1329155	+	3	YLGSDYVVK	9
PPUB+1803	Proteomics_pub	1329177	1329206	+	3	DLPTSGSAAK	10
PPUB+1804	Proteomics_pub	1329414	1329443	+	3	EGEAIAWHLR	10
PPUB+1805	Proteomics_pub	1329516	1329554	+	3	QAFNKPGEINIDR	13
PPUB+1806	Proteomics_pub	1329825	1329860	+	3	EQTQAAVSLLEK	12
PPUB+1807	Proteomics_pub	1329885	1329959	+	3	EDKPTTSKPGAPFITSTLQQAASR	25
PPUB+1808	Proteomics_pub	1330035	1330079	+	3	TDSTNLSQDAVNMVR	15
PPUB+1809	Proteomics_pub	1330080	1330106	+	3	GYISDNFGK	9
PPUB+1810	Proteomics_pub	1330110	1330145	+	3	YLPESPNQYASK	12
PPUB+1811	Proteomics_pub	1330293	1330334	+	3	YDSTTLTVGAGDFR	14
PPUB+1812	Proteomics_pub	1330539	1330592	+	3	GIGRPSTYASIISTIQR	18
PPUB+1813	Proteomics_pub	1330755	1330802	+	3	AVLDHFFSDFTQLDK	16
PPUB+1814	Proteomics_pub	1331109	1331171	+	3	LHVCNNPTCDGYEIEEGEFR	21
PPUB+1815	Proteomics_pub	1331178	1331210	+	3	GYDGPVCEK	11
PPUB+1816	Proteomics_pub	1331295	1331327	+	3	ILRNGEVAPPK	11
PPUB+1817	Proteomics_pub	1331391	1331435	+	3	DGAAGVFLAANTFPK	15
PPUB+1818	Proteomics_pub	1331451	1331477	+	3	APLVEELR	9
PPUB+1819	Proteomics_pub	1331508	1331549	+	3	YLADAPQQDPEGNK	14
PPUB+1820	Proteomics_pub	1331613	1331648	+	3	ATGWSAFYVDGK	12
PPUB+1821	Proteomics_pub	1332041	1332082	+	2	HLTQVTPAGQEIR	14
PPUB+1822	Proteomics_pub	1332155	1332193	+	2	GSLYIATHTQAR	13
PPUB+1823	Proteomics_pub	1332491	1332517	+	2	SELDTAFNR	9
PPUB+1824	Proteomics_pub	1332536	1332571	+	2	IVFTATDADVIK	12
PPUB+1825	Proteomics_pub	1332722	1332748	+	2	SYMYDFIQR	9
PPUB+1826	Proteomics_pub	1332770	1332799	+	2	DVVDAVALR	10
PPUB+1827	Proteomics_pub	1334260	1334295	+	1	FGDDEAFEENVR	12
PPUB+1828	Proteomics_pub	1335643	1335675	+	1	AVEQVSTEMFR	11
PPUB+1829	Proteomics_pub	1336036	1336074	+	1	NEMVPGVEGGMTR	13
PPUB+1830	Proteomics_pub	1336414	1336446	+	1	ADGSQEVVPCR	11
PPUB+1831	Proteomics_pub	1340023	1340049	+	1	DDALAFVDK	9
PPUB+1832	Proteomics_pub	1340476	1340499	+	1	QVFGQEFK	8
PPUB+1833	Proteomics_pub	1366409	1366453	+	2	SLEHEVTLVDDTLAR	15
PPUB+1834	Proteomics_pub	1366565	1366603	+	2	QLDSGKLDEAMAR	13
PPUB+1835	Proteomics_pub	1366622	1366669	+	2	RIDQMEAEAESHSFGK	16
PPUB+1836	Proteomics_pub	1366676	1366705	+	2	SLDDQFAELK	10
PPUB+1837	Proteomics_pub	1366706	1366744	+	2	ADDAISEQLAQLK	13
PPUB+1838	Proteomics_pub	1371106	1371159	+	1	ISGAGIQESHVHDVTITK	18
PPUB+1839	Proteomics_pub	1375147	1375194	+	1	HILLKPSPIMTDEQAR	16
PPUB+1840	Proteomics_pub	1385938	1385970	+	1	LAADLNTVLR	11
PPUB+1841	Proteomics_pub	1391368	1391406	+	1	HIKDEPASLPAK	13
PPUB+1842	Proteomics_pub	1391407	1391439	+	1	AVGLPEIQVIR	11
PPUB+1843	Proteomics_pub	1391440	1391475	+	1	DLFEGLVNQNEK	12

PPUB+1844	Proteomics_pub	1391560	1391613	+	1	WADGTPVTAQDFVYSWQR	18
PPUB+1845	Proteomics_pub	1391560	1391613	+	1	WSDGTPVTAQDFVYSWQR	18
PPUB+1846	Proteomics_pub	1391848	1391895	+	1	WTQPGNIVTNGAYTLK	16
PPUB+1847	Proteomics_pub	1392349	1392426	+	1	LLAEAGYTADKPLTINLLYNTSDLHK	26
PPUB+1848	Proteomics_pub	1392349	1392429	+	1	LLAEAGYTADKPLTINLLYNTSDLHKK	27
PPUB+1849	Proteomics_pub	1392391	1392429	+	1	LTLLYNTSENHQK	13
PPUB+1850	Proteomics_pub	1392523	1392549	+	1	NTGNFVDVIR	9
PPUB+1851	Proteomics_pub	1392655	1392690	+	1	VLAQASTENTVK	12
PPUB+1852	Proteomics_pub	1392715	1392777	+	1	AEQQLDKDSAIVPVYYYVNAR	21
PPUB+1853	Proteomics_pub	1392778	1392840	+	1	LVKPPWVGGYTGKDPLDNTYTR	21
PPUB+1854	Proteomics_pub	1392799	1392840	+	1	GYPINNPEDVAYS	14
PPUB+1855	Proteomics_pub	1425488	1425577	+	2	NQYYGITAGPAYRINDWASIYGVVGVGYGK	30
PPUB+1856	Proteomics_pub	1473432	1473461	+	3	LIVLGNLTVK	10
PPUB+1857	Proteomics_pub	1475316	1475342	+	3	FPVDVLKAR	9
PPUB+1858	Proteomics_pub	1482588	1482617	+	3	LARMVLEAQK	10
PPUB+1859	Proteomics_pub	1482996	1483028	+	3	DADKQEYTGAR	11
PPUB+1860	Proteomics_pub	1483143	1483187	+	3	IDPEWVEPVAQHLIK	15
PPUB+1861	Proteomics_pub	1483581	1483610	+	3	SMLIKEGAEK	10
PPUB+1862	Proteomics_pub	1484901	1484954	+	3	VSYFAQQLGTPYPISDKR	18
PPUB+1863	Proteomics_pub	1486259	1486312	+	2	SVPVQHPMYIDGQFVTWR	18
PPUB+1864	Proteomics_pub	1486367	1486399	+	2	IPDGQAEDARK	11
PPUB+1865	Proteomics_pub	1486421	1486459	+	2	AQPEWEALPAIER	13
PPUB+1866	Proteomics_pub	1486502	1486543	+	2	ASEISALIVEEGGK	14
PPUB+1867	Proteomics_pub	1486616	1486675	+	2	RYEGEIIQSDRPGENILLFK	20
PPUB+1868	Proteomics_pub	1486826	1486852	+	2	IVDEIGLPR	9
PPUB+1869	Proteomics_pub	1486853	1486879	+	2	GVFNLVLGR	9
PPUB+1870	Proteomics_pub	1486880	1486918	+	2	GETVGQELAGNPK	13
PPUB+1871	Proteomics_pub	1486997	1487020	+	2	VCLELGGK	8
PPUB+1872	Proteomics_pub	1487087	1487125	+	2	VINSGQVCNCAER	13
PPUB+1873	Proteomics_pub	1487141	1487167	+	2	GIYDQFVNR	9
PPUB+1874	Proteomics_pub	1487549	1487572	+	2	FGETYINR	8
PPUB+1875	Proteomics_pub	1495069	1495149	+	1	GAPRPLPDTLATMTPQAYNSIQYDAEK	27
PPUB+1876	Proteomics_pub	1495324	1495365	+	1	QLEGQSDLGFAGFR	14
PPUB+1877	Proteomics_pub	1495849	1495884	+	1	LQFNAYTDNNPK	12
PPUB+1878	Proteomics_pub	1496083	1496112	+	1	AGDEFQFYR	10
PPUB+1879	Proteomics_pub	1496290	1496331	+	1	GIEPVITLSSGEAK	14
PPUB+1880	Proteomics_pub	1496374	1496427	+	1	IQFDWYPTSDSTDPVDMR	18
PPUB+1881	Proteomics_pub	1499685	1499714	+	3	TLDLGCNGNR	10
PPUB+1882	Proteomics_pub	1499715	1499765	+	3	NSLYLAANGYDVDAWDK	17
PPUB+1883	Proteomics_pub	1499766	1499795	+	3	NAMSIANVER	10
PPUB+1884	Proteomics_pub	1499802	1499834	+	3	SIENLDNLHTR	11
PPUB+1885	Proteomics_pub	1499835	1499867	+	3	VVDLNNLTFDR	11
PPUB+1886	Proteomics_pub	1500087	1500116	+	3	YNEDVGELHR	10
PPUB+1887	Proteomics_pub	1511231	1511266	+	2	KPHQLSGGQQQR	12
PPUB+1888	Proteomics_pub	1511282	1511350	+	2	ALAINPDILLMDEAFSALDPLIR	23
PPUB+1889	Proteomics_pub	1515675	1515701	+	3	SHLDEVIAR	9

PPUB+1890	Proteomics_pub	1521454	1521519	+	1	GAYEMAYSQQENALWLATSQSR	22
PPUB+1891	Proteomics_pub	1521523	1521549	+	1	LDKGGVVYR	9
PPUB+1892	Proteomics_pub	1521730	1521762	+	1	RTEEVRPLQPR	11
PPUB+1893	Proteomics_pub	1521733	1521762	+	1	TEEVRPLQPR	10
PPUB+1894	Proteomics_pub	1521763	1521816	+	1	ELVADDATNTVYISGIGK	18
PPUB+1895	Proteomics_pub	1521817	1521855	+	1	ESVIWVVDGGNIK	13
PPUB+1896	Proteomics_pub	1521886	1521921	+	1	MSTGLALDSEGK	12
PPUB+1897	Proteomics_pub	1521886	1521924	+	1	MSTGLALDSEGKR	13
PPUB+1898	Proteomics_pub	1521922	1521981	+	1	RLYTTNADGELITIDTADNK	20
PPUB+1899	Proteomics_pub	1521925	1521981	+	1	LYTTNADGELITIDTADNK	19
PPUB+1900	Proteomics_pub	1522018	1522056	+	1	EHFFINISLDTAR	13
PPUB+1901	Proteomics_pub	1522084	1522113	+	1	AAEVLVVDTR	10
PPUB+1902	Proteomics_pub	1522135	1522179	+	1	VAAPESLAVLFNPAR	15
PPUB+1903	Proteomics_pub	1522180	1522203	+	1	NEAYVTHR	8
PPUB+1904	Proteomics_pub	1522255	1522308	+	1	TFDTPHPNSLALSADGK	18
PPUB+1905	Proteomics_pub	1522345	1522380	+	1	QQEATQPDDVIR	12
PPUB+1906	Proteomics_pub	1545785	1545820	+	2	WQQISWEEAFDR	12
PPUB+1907	Proteomics_pub	1545869	1545895	+	2	NEQGVTVNR	9
PPUB+1908	Proteomics_pub	1545971	1546006	+	2	ALGMLAVDNQAR	12
PPUB+1909	Proteomics_pub	1546088	1546150	+	2	NANLVVVMGGNAEAHPVGFR	21
PPUB+1910	Proteomics_pub	1546217	1546252	+	2	TAAVADYYAPIR	12
PPUB+1911	Proteomics_pub	1546253	1546312	+	2	SGTDIAFLSGVLLYLLNNEK	20
PPUB+1912	Proteomics_pub	1546631	1546693	+	2	TASFLYALGWTQHSVGAQNIR	21
PPUB+1913	Proteomics_pub	1547243	1547317	+	2	IQTEVFRLPSTCFAEENGSIIVNSGR	25
PPUB+1914	Proteomics_pub	1547570	1547605	+	2	KGQQLSSFAQLR	12
PPUB+1915	Proteomics_pub	1547768	1547809	+	2	ASADPQGNPWPDPKR	14
PPUB+1916	Proteomics_pub	1548983	1549015	+	2	VVVGQEPACVK	11
PPUB+1917	Proteomics_pub	1554700	1554765	+	1	GKGTVSTESGVLNQQPYGFNTR	22
PPUB+1918	Proteomics_pub	1554706	1554765	+	1	GTVSTESGVLNQQPYGFNTR	20
PPUB+1919	Proteomics_pub	1554913	1554939	+	1	VDAGFAITK	9
PPUB+1920	Proteomics_pub	1554952	1555008	+	1	SEVAVPGIDASTFDGIIQK	19
PPUB+1921	Proteomics_pub	1555015	1555044	+	1	AGCPVSQVLK	10
PPUB+1922	Proteomics_pub	1625664	1625708	+	3	DELGDNLZIAQLDVR	15
PPUB+1923	Proteomics_pub	1625784	1625840	+	3	AGLTLGVDPLGGSGIEYWK	19
PPUB+1924	Proteomics_pub	1625886	1625912	+	3	AVLPGMVER	9
PPUB+1925	Proteomics_pub	1625913	1625993	+	3	NHGHIINIGSTAGSWPYAGGNVYGATK	27
PPUB+1926	Proteomics_pub	1626027	1626053	+	3	TDLHGTA VR	9
PPUB+1927	Proteomics_pub	1626054	1626107	+	3	VTDIEPLVGGTEFSNVR	18
PPUB+1928	Proteomics_pub	1627263	1627319	+	3	NAITTGSRVMVSGTGHTGK	19
PPUB+1929	Proteomics_pub	1627287	1627319	+	3	VMVSGTGHTGK	11
PPUB+1930	Proteomics_pub	1627320	1627364	+	3	ILSIDTEGLTAEQIR	15
PPUB+1931	Proteomics_pub	1627320	1627367	+	3	ILSIDTEGLTAEQIRR	16
PPUB+1932	Proteomics_pub	1627374	1627403	+	3	TVVVEGCEEK	10
PPUB+1933	Proteomics_pub	1627374	1627427	+	3	TVVVEGCEEKLAPLDLIR	18
PPUB+1934	Proteomics_pub	1654262	1654300	+	2	YVHQLDNNASVMR	13
PPUB+1935	Proteomics_pub	1654730	1654765	+	2	TPGQTLKPTAQ	12

PPUB+1936	Proteomics_pub	1676586	1676612	+	3	FNAIGEAVK	9
PPUB+1937	Proteomics_pub	1676637	1676699	+	3	EGAASFYVVDTSDFGNSGNWR	21
PPUB+1938	Proteomics_pub	1676757	1676786	+	3	VINGVVELPK	10
PPUB+1939	Proteomics_pub	1676787	1676843	+	3	DQAVLIEPFDTVTVQGFYR	19
PPUB+1940	Proteomics_pub	1676844	1676876	+	3	SQPEVNDAITK	11
PPUB+1941	Proteomics_pub	1676892	1676918	+	3	GAYSFYIVR	9
PPUB+1942	Proteomics_pub	1676919	1676951	+	3	QIDANQGGNQR	11
PPUB+1943	Proteomics_pub	1676991	1677038	+	3	IVQSPDVIPADSEAGR	16
PPUB+1944	Proteomics_pub	1677039	1677071	+	3	AALAAGGEAAK	11
PPUB+1945	Proteomics_pub	1677072	1677128	+	3	KVEIPGVATTASPSSEVGR	19
PPUB+1946	Proteomics_pub	1677162	1677191	+	3	YTVTLPDGTK	10
PPUB+1947	Proteomics_pub	1677162	1677209	+	3	YTVTLPDGTKVEELNK	16
PPUB+1948	Proteomics_pub	1677210	1677248	+	3	ATAAMMVPFDSIK	13
PPUB+1949	Proteomics_pub	1677249	1677299	+	3	FSGNYGNMTEVSYQVAK	17
PPUB+1950	Proteomics_pub	1677357	1677392	+	3	GNNLTVSADLYK	12
PPUB+1951	Proteomics_pub	1686609	1686647	+	3	LINSVQNYAWGSK	13
PPUB+1952	Proteomics_pub	1686648	1686728	+	3	TALTELYGMENPSSQPMaelWMAHPK	27
PPUB+1953	Proteomics_pub	1686741	1686776	+	3	VQNAAGDIVSLR	12
PPUB+1954	Proteomics_pub	1686777	1686827	+	3	DVIESDKSTLLGEAVAK	17
PPUB+1955	Proteomics_pub	1686831	1686857	+	3	FGELPFLFK	9
PPUB+1956	Proteomics_pub	1686858	1686905	+	3	VLCAAQPLSIQVHPNK	16
PPUB+1957	Proteomics_pub	1686906	1686932	+	3	HNSEIGFAK	9
PPUB+1958	Proteomics_pub	1686933	1686971	+	3	ENAAGIPMDAAER	13
PPUB+1959	Proteomics_pub	1687209	1687253	+	3	SALDSQQGEPWQTIR	15
PPUB+1960	Proteomics_pub	1687254	1687319	+	3	LISEFYPEDSGLFSPLLLNVVK	22
PPUB+1961	Proteomics_pub	1687440	1687475	+	3	YIDIPELVANVK	12
PPUB+1962	Proteomics_pub	1687476	1687520	+	3	FEAKPANQLLTQPVK	15
PPUB+1963	Proteomics_pub	1687662	1687736	+	3	GSQQQLKPKGESAFIAANESPVTVK	25
PPUB+1964	Proteomics_pub	1688011	1688061	+	1	LTAPESNLEVSQNYHR	17
PPUB+1965	Proteomics_pub	1688284	1688313	+	1	GETPFEINSR	10
PPUB+1966	Proteomics_pub	1688386	1688436	+	1	VAFSGGEFQLNADRDGK	17
PPUB+1967	Proteomics_pub	1688503	1688529	+	1	VQLTFNNLK	9
PPUB+1968	Proteomics_pub	1688530	1688568	+	1	TDGSSTLASFGER	13
PPUB+1969	Proteomics_pub	1688686	1688727	+	1	TINSQLDYSLNSLK	14
PPUB+1970	Proteomics_pub	1688728	1688757	+	1	VQNQDLGSGK	10
PPUB+1971	Proteomics_pub	1688887	1688928	+	1	VTEAFFSALPLMLK	14
PPUB+1972	Proteomics_pub	1688929	1688967	+	1	GDPVITIAPLSWK	13
PPUB+1973	Proteomics_pub	1688968	1689012	+	1	NSQGESALNLSLFLK	15
PPUB+1974	Proteomics_pub	1689031	1689066	+	1	EAPQTLAQEVDR	12
PPUB+1975	Proteomics_pub	1698765	1698800	+	3	ENITNLDACITR	12
PPUB+1976	Proteomics_pub	1700461	1700487	+	1	VLASLDACR	9
PPUB+1977	Proteomics_pub	1700524	1700550	+	1	HGLHYVELR	9
PPUB+1978	Proteomics_pub	1701073	1701162	+	1	ASINTDDPGVQGVDDIIHEYVAAPAAGLSR	30
PPUB+1979	Proteomics_pub	1718152	1718223	+	1	SLATAAGAVAGGVAGQGVQSAMNK	24
PPUB+1980	Proteomics_pub	1718224	1718250	+	1	TQGVELEIR	9
PPUB+1981	Proteomics_pub	1718251	1718286	+	1	KDDGNTIMVVQK	12

PPUB+1982	Proteomics_pub	1718320	1718364	+	1	VVLASNGSQVTVSPR	15
PPUB+1983	Proteomics_pub	1725004	1725075	+	1	ISHASLQPGGQAPVAPSALSAGTR	24
PPUB+1984	Proteomics_pub	1725133	1725177	+	1	ALELEEIPGIVNDFR	15
PPUB+1985	Proteomics_pub	1725283	1725315	+	1	TDQYGGSVENR	11
PPUB+1986	Proteomics_pub	1725562	1725606	+	1	FHGPIIGAGAYTVEK	15
PPUB+1987	Proteomics_pub	1725628	1725657	+	1	GLIDAVAFGR	10
PPUB+1988	Proteomics_pub	1725658	1725690	+	1	DWIANPDLVAR	11
PPUB+1989	Proteomics_pub	1725861	1725887	+	3	MRLHTMLR	9
PPUB+1990	Proteomics_pub	1725951	1725974	+	3	TSENPEYK	8
PPUB+1991	Proteomics_pub	1726173	1726220	+	3	GGTTVIAFVEDPDGYK	16
PPUB+1992	Proteomics_pub	1733405	1733437	+	2	SFELPALPYAK	11
PPUB+1993	Proteomics_pub	1733438	1733491	+	2	DALAPHISAETIEYHYGK	18
PPUB+1994	Proteomics_pub	1733492	1733533	+	2	HHQTYVTNLNLIK	14
PPUB+1995	Proteomics_pub	1733534	1733575	+	2	GTAFEGKSLEEIIR	14
PPUB+1996	Proteomics_pub	1733576	1733677	+	2	SSEGGVFNNAAQVWNHTFYWNCCLAPNAGGEPTGK	34
PPUB+1997	Proteomics_pub	1733678	1733725	+	2	VAEIAASFGSFADFK	16
PPUB+1998	Proteomics_pub	1733753	1733785	+	2	NFGSGWTWLVK	11
PPUB+1999	Proteomics_pub	1733801	1733905	+	2	LAIVSTSNAGTPLTTDATPLLTVDVWEHAYYIDYR	35
PPUB+2000	Proteomics_pub	1733906	1733968	+	2	NARPGYLEHFWALVNWEFVAK	21
PPUB+2001	Proteomics_pub	1735898	1735939	+	2	ANVSTTTVSHVINK	14
PPUB+2002	Proteomics_pub	1736132	1736176	+	2	GYTLILGNAWNPLEK	15
PPUB+2003	Proteomics_pub	1736405	1736437	+	2	EIGVIPGLER	11
PPUB+2004	Proteomics_pub	1736498	1736551	+	2	VPESWIVQGDPEPESGYR	18
PPUB+2005	Proteomics_pub	1736660	1736701	+	2	VPQDVSLIGYDNVR	14
PPUB+2006	Proteomics_pub	1736711	1736749	+	2	YFTPALTTIHQPK	13
PPUB+2007	Proteomics_pub	1736750	1736791	+	2	DSLGETAFNMLLDR	14
PPUB+2008	Proteomics_pub	1739515	1739556	+	1	AGIINGSAPADIR	14
PPUB+2009	Proteomics_pub	1739788	1739823	+	1	EHYDLGNLFSR	12
PPUB+2010	Proteomics_pub	1739866	1739901	+	1	DADNLESAQQAK	12
PPUB+2011	Proteomics_pub	1744841	1744903	+	2	VWTESEKNHEAGGIYLFTEK	21
PPUB+2012	Proteomics_pub	1744976	1745020	+	2	VFDVNEPLSQINQAK	15
PPUB+2013	Proteomics_pub	1753737	1753760	+	3	IVCTIGPK	8
PPUB+2014	Proteomics_pub	1753788	1753817	+	3	MLDAGMNVMR	10
PPUB+2015	Proteomics_pub	1753818	1753859	+	3	LNFSHGDYAEHGQR	14
PPUB+2016	Proteomics_pub	1753899	1753940	+	3	TAAILLDTKGPEIR	14
PPUB+2017	Proteomics_pub	1753941	1753979	+	3	TMKLEGGNDVSLK	13
PPUB+2018	Proteomics_pub	1753950	1753979	+	3	LEGGNDVSLK	10
PPUB+2019	Proteomics_pub	1753980	1754012	+	3	AGQFTFTTDDK	11
PPUB+2020	Proteomics_pub	1754157	1754189	+	3	VLNNGDLGENK	11
PPUB+2021	Proteomics_pub	1754190	1754240	+	3	GVNLPGVSIAPALAEK	17
PPUB+2022	Proteomics_pub	1754241	1754306	+	3	DKQDLIFGCEQGVDFVAASFIR	22
PPUB+2023	Proteomics_pub	1754346	1754381	+	3	AHGGENIHIISK	12
PPUB+2024	Proteomics_pub	1754382	1754453	+	3	IENQEGLNMFDEILEASDGIMVAR	24
PPUB+2025	Proteomics_pub	1754454	1754504	+	3	GDLGVEIPVEEVIFAQK	17
PPUB+2026	Proteomics_pub	1754535	1754579	+	3	KVVITATQMLDSMIK	15
PPUB+2027	Proteomics_pub	1754538	1754579	+	3	VVITATQMLDSMIK	14

PPUB+2028	Proteomics_pub	1754580	1754672	+	3	NPRPTRAEAGDVANAILDGTDAVMLSGESAK	31
PPUB+2029	Proteomics_pub	1754598	1754672	+	3	AEAGDVANAILDGTDAVMLSGESAK	25
PPUB+2030	Proteomics_pub	1754673	1754723	+	3	GKYPLEAVSIMATICER	17
PPUB+2031	Proteomics_pub	1754748	1754771	+	3	LEFNNDNR	8
PPUB+2032	Proteomics_pub	1754748	1754774	+	3	LEFNNDNRK	9
PPUB+2033	Proteomics_pub	1754775	1754801	+	3	LRITEAVCR	9
PPUB+2034	Proteomics_pub	1754802	1754867	+	3	GAVETAEKLDAPLIVVATQGGK	22
PPUB+2035	Proteomics_pub	1754826	1754867	+	3	LDAPLIVVATQGGK	14
PPUB+2036	Proteomics_pub	1754886	1754933	+	3	KYFPDATILALTNEK	16
PPUB+2037	Proteomics_pub	1754889	1754933	+	3	YFPDATILALTNEK	15
PPUB+2038	Proteomics_pub	1754934	1754960	+	3	TAHQLVLSK	9
PPUB+2039	Proteomics_pub	1754985	1755014	+	3	EITSTDDFYR	10
PPUB+2040	Proteomics_pub	1755024	1755056	+	3	ELALQSGLAHK	11
PPUB+2041	Proteomics_pub	1755024	1755131	+	3	ELALQSGLAHKGDVVVMVSGALVPSGTTNTASVHVL	36
PPUB+2042	Proteomics_pub	1755057	1755131	+	3	GDVVVMVSGALVPSGTTNTASVHVL	25
PPUB+2043	Proteomics_pub	1755523	1755564	+	1	IDQLSSDVQTLNAK	14
PPUB+2044	Proteomics_pub	1755565	1755600	+	1	VDQLSNDVNAMR	12
PPUB+2045	Proteomics_pub	1755601	1755636	+	1	SDVQAAKDDAAR	12
PPUB+2046	Proteomics_pub	1772731	1772760	+	1	DLVIGTGAPK	10
PPUB+2047	Proteomics_pub	1773151	1773180	+	1	TPEAEEIAR	10
PPUB+2048	Proteomics_pub	1773400	1773438	+	1	ASAPGQISVNDLR	13
PPUB+2049	Proteomics_pub	1773439	1773465	+	1	TVLTIHQ	9
PPUB+2050	Proteomics_pub	1786975	1787013	+	1	ELASGLSCPVGFK	13
PPUB+2051	Proteomics_pub	1787038	1787097	+	1	VAIDAINAAGAPHFLSVTK	20
PPUB+2052	Proteomics_pub	1804481	1804531	+	2	CTAPVFEPGGGGINVAR	17
PPUB+2053	Proteomics_pub	1805015	1805044	+	2	AAQEIVNSGK	10
PPUB+2054	Proteomics_pub	1805189	1805224	+	2	LAENASLEEMVR	12
PPUB+2055	Proteomics_pub	1805225	1805272	+	2	FGVAAGSAATLNQGTR	16
PPUB+2056	Proteomics_pub	1805469	1805519	+	3	HEDMYTAINELINKLER	17
PPUB+2057	Proteomics_pub	1807650	1807697	+	3	AISLVEETRPLLPVGR	16
PPUB+2058	Proteomics_pub	1807800	1807832	+	3	DSFDALASAEK	11
PPUB+2059	Proteomics_pub	1820575	1820604	+	1	SYLQTYPFIK	10
PPUB+2060	Proteomics_pub	1820605	1820655	+	1	SLVLGISGGQDSTLAGK	17
PPUB+2061	Proteomics_pub	1820656	1820685	+	1	LCQMAINELR	10
PPUB+2062	Proteomics_pub	1820686	1820727	+	1	LETGNESLQFIAVR	14
PPUB+2063	Proteomics_pub	1820818	1820850	+	1	GAVLASEQALR	11
PPUB+2064	Proteomics_pub	1820851	1820883	+	1	EAGIELSDFVR	11
PPUB+2065	Proteomics_pub	1821001	1821039	+	1	YDGGTDINPLYR	13
PPUB+2066	Proteomics_pub	1821265	1821303	+	1	RRPPITVFDDFWK	13
PPUB+2067	Proteomics_pub	1830458	1830487	+	2	FVSFNINGLR	10
PPUB+2068	Proteomics_pub	1830488	1830523	+	2	ARPHQLEAVEK	12
PPUB+2069	Proteomics_pub	1830599	1830631	+	2	LGYNVFIYHGQK	11
PPUB+2070	Proteomics_pub	1830827	1830874	+	2	AQFYQNLQNYLETLEK	16
PPUB+2071	Proteomics_pub	1831052	1831078	+	2	HANPQTADR	9
PPUB+2072	Proteomics_pub	1831079	1831099	+	2	FSWFDYR	7
PPUB+2073	Proteomics_pub	1838028	1838105	+	3	LYLISHIPGADYIDTNEVESEPLWNK	26

PPUB+2074	Proteomics_pub	1840638	1840670	+	3	VQFSSAIGPYK	11
PPUB+2075	Proteomics_pub	1840683	1840715	+	3	FHPSVNLSTLK	11
PPUB+2076	Proteomics_pub	1840716	1840742	+	3	FLGFQTFK	9
PPUB+2077	Proteomics_pub	1840830	1840862	+	3	FCQALMTELYR	11
PPUB+2078	Proteomics_pub	1840917	1840949	+	3	EVGFMAGMMKK	11
PPUB+2079	Proteomics_pub	1840950	1840985	+	3	LSNNTACVFTGK	12
PPUB+2080	Proteomics_pub	1841097	1841144	+	3	VSVSGSGNVAQYAIK	16
PPUB+2081	Proteomics_pub	1841703	1841735	+	3	VADAMLAQGV	11
PPUB+2082	Proteomics_pub	1860798	1860830	+	3	TIKVGINGFGR	11
PPUB+2083	Proteomics_pub	1860864	1860932	+	3	RSDIEIVAINDLLDADYMYMLK	23
PPUB+2084	Proteomics_pub	1860867	1860932	+	3	SDIEIVAINDLLDADYMYMLK	22
PPUB+2085	Proteomics_pub	1860933	1860977	+	3	YDSTHGRFDGTVEVK	15
PPUB+2086	Proteomics_pub	1860954	1861004	+	3	FDGTVEVKDGHVINGK	17
PPUB+2087	Proteomics_pub	1860978	1861004	+	3	DGHLVINGK	9
PPUB+2088	Proteomics_pub	1860978	1861007	+	3	DGHLVINGKK	10
PPUB+2089	Proteomics_pub	1861014	1861046	+	3	VTAERDPANLK	11
PPUB+2090	Proteomics_pub	1861047	1861115	+	3	WDEVGVDVVAEATGLFLTDEAR	23
PPUB+2091	Proteomics_pub	1861047	1861118	+	3	WDEVGVDVVAEATGLFLTDEARK	24
PPUB+2092	Proteomics_pub	1861140	1861166	+	3	KVVMGTGPSK	9
PPUB+2093	Proteomics_pub	1861143	1861190	+	3	VVMTGPSKDNTPMFVK	16
PPUB+2094	Proteomics_pub	1861167	1861190	+	3	DNTPMFVK	8
PPUB+2095	Proteomics_pub	1861191	1861274	+	3	GANFDKYAQDIVSNASCTTNCLAPLAK	28
PPUB+2096	Proteomics_pub	1861209	1861274	+	3	YAGQDIVSNASCTTNCLAPLAK	22
PPUB+2097	Proteomics_pub	1861275	1861346	+	3	VINDNFGIIEGLMTTVHATTATQK	24
PPUB+2098	Proteomics_pub	1861347	1861370	+	3	TVDGPSHK	8
PPUB+2099	Proteomics_pub	1861347	1861379	+	3	TVDGPSHKDWR	11
PPUB+2100	Proteomics_pub	1861380	1861433	+	3	GGRGASQNIIPSSTGAAK	18
PPUB+2101	Proteomics_pub	1861389	1861433	+	3	GASQNIIPSSTGAAK	15
PPUB+2102	Proteomics_pub	1861434	1861469	+	3	AVGKVLPELNGK	12
PPUB+2103	Proteomics_pub	1861446	1861469	+	3	VLPELNGK	8
PPUB+2104	Proteomics_pub	1861446	1861490	+	3	VLPELNGKLTGMAFR	15
PPUB+2105	Proteomics_pub	1861470	1861532	+	3	LTGMAFRVPTPNVSVVDLTVR	21
PPUB+2106	Proteomics_pub	1861491	1861532	+	3	VPTPNVSVVDLTVR	14
PPUB+2107	Proteomics_pub	1861491	1861541	+	3	VPTPNVSVVDLTVRLEK	17
PPUB+2108	Proteomics_pub	1861542	1861577	+	3	AATYEQIKAQV	12
PPUB+2109	Proteomics_pub	1861683	1861715	+	3	AGIALNDNFVK	11
PPUB+2110	Proteomics_pub	1861716	1861757	+	3	LVSWDNETGYSNK	14
PPUB+2111	Proteomics_pub	1861716	1861787	+	3	LVSWDNETGYSNKVLDLIAHISK	24
PPUB+2112	Proteomics_pub	1861758	1861787	+	3	VLDLIAHISK	10
PPUB+2113	Proteomics_pub	1861883	1861933	+	2	KIFALPVIEQISPVLSR	17
PPUB+2114	Proteomics_pub	1861886	1861933	+	2	IFALPVIEQISPVLSR	16
PPUB+2115	Proteomics_pub	1861886	1861936	+	2	IFALPVIEQISPVLSRR	17
PPUB+2116	Proteomics_pub	1861937	1861984	+	2	KLDELIVVDHPQVK	16
PPUB+2117	Proteomics_pub	1861940	1861984	+	2	LDELIVVDHPQVK	15
PPUB+2118	Proteomics_pub	1861985	1862077	+	2	ASFALQGAHLLSWKPAGEEEVLWLSNNTPFK	31
PPUB+2119	Proteomics_pub	1862096	1862170	+	2	GGVPVCWPWFGPAAQQLPAHGFAR	25

PPUB+2120	Proteomics_pub	1862396	1862422	+	2	VSVSGLGDR	9
PPUB+2121	Proteomics_pub	1862450	1862491	+	2	ENVLTDGIQTFFPDR	14
PPUB+2122	Proteomics_pub	1862450	1862500	+	2	ENVLTDGIQTFFDRTDR	17
PPUB+2123	Proteomics_pub	1862501	1862554	+	2	VYLNPDQDCSVINDEALNR	18
PPUB+2124	Proteomics_pub	1862711	1862743	+	2	EKPAHLAQSIR	11
PPUB+2125	Proteomics_pub	1891562	1891600	+	2	SSILDATIFLADK	13
PPUB+2126	Proteomics_pub	1891625	1891666	+	2	AWDAWVVAGHAPVR	14
PPUB+2127	Proteomics_pub	1891667	1891699	+	2	CTVQAGLMNPK	11
PPUB+2128	Proteomics_pub	1894983	1895027	+	3	VGIGPSSSHTVGPMK	15
PPUB+2129	Proteomics_pub	1894983	1895027	+	3	IGIGPSSSHTVGPMK	15
PPUB+2130	Proteomics_pub	1895262	1895282	+	3	HEVDFPR	7
PPUB+2131	Proteomics_pub	1895898	1895936	+	3	YLLVASAIGSLYK	13
PPUB+2132	Proteomics_pub	1896225	1896254	+	3	VIETMYETGK	10
PPUB+2133	Proteomics_pub	1896225	1896254	+	3	VIETMYETGK	10
PPUB+2134	Proteomics_pub	1900252	1900308	+	1	GVLFLVDTWGGSPFNAASR	19
PPUB+2135	Proteomics_pub	1900480	1900512	+	1	AAPAPAAAAPK	11
PPUB+2136	Proteomics_pub	1900513	1900575	+	1	AAPTPAKPMGPNDYMVIGLAR	21
PPUB+2137	Proteomics_pub	1900588	1900614	+	1	LIHGQVATR	9
PPUB+2138	Proteomics_pub	1900642	1900686	+	1	IIVVSDEVAADTVRK	15
PPUB+2139	Proteomics_pub	1900687	1900746	+	1	TLLTQVAPPGVTAHVVDVAK	20
PPUB+2140	Proteomics_pub	1900789	1900827	+	1	VMLLFTNPTDVER	13
PPUB+2141	Proteomics_pub	1900849	1900884	+	1	ITSVNVGGMAFR	12
PPUB+2142	Proteomics_pub	1900894	1900929	+	1	TQVNNAVSVDEK	12
PPUB+2143	Proteomics_pub	1901991	1902026	+	3	SNLFQGSWNFER	12
PPUB+2144	Proteomics_pub	1902072	1902101	+	3	RLYPENNEAR	10
PPUB+2145	Proteomics_pub	1902453	1902479	+	3	DMGGGFLLQK	9
PPUB+2146	Proteomics_pub	1902537	1902572	+	3	WTHVNIPLVVS	12
PPUB+2147	Proteomics_pub	1918039	1918086	+	1	GGIAFATPPGTPLAPK	16
PPUB+2148	Proteomics_pub	1923177	1923215	+	3	VNVDLAAAGVAFK	13
PPUB+2149	Proteomics_pub	1928908	1928946	+	1	TLLGTALRPAATR	13
PPUB+2150	Proteomics_pub	1928947	1928979	+	1	VMLLGSSELGK	11
PPUB+2151	Proteomics_pub	1929004	1929033	+	1	LGVEVIAVDR	10
PPUB+2152	Proteomics_pub	1929034	1929069	+	1	YADAPAMHVAHR	12
PPUB+2153	Proteomics_pub	1929262	1929303	+	1	LAAEELQLPTSTYR	14
PPUB+2154	Proteomics_pub	1929304	1929330	+	1	FADSESLFR	9
PPUB+2155	Proteomics_pub	1929331	1929393	+	1	EAVADIGYPCIVKPMSSSGK	21
PPUB+2156	Proteomics_pub	1929412	1929441	+	1	SAEQLAQAWK	10
PPUB+2157	Proteomics_pub	1929598	1929642	+	1	ESWQPQMSPLALER	15
PPUB+2158	Proteomics_pub	1929820	1929852	+	1	AFLGLPVGGIR	11
PPUB+2159	Proteomics_pub	1929994	1930044	+	1	LGVALATAESVVDIAIER	17
PPUB+2160	Proteomics_pub	1935198	1935236	+	3	DGEVIVDEHTGR	13
PPUB+2161	Proteomics_pub	1935700	1935750	+	1	IVTTLGPATDRDNNLEK	17
PPUB+2162	Proteomics_pub	1935751	1935780	+	1	VIAAGANVVR	10
PPUB+2163	Proteomics_pub	1935862	1935897	+	1	HVAILGDLQGP	12
PPUB+2164	Proteomics_pub	1935952	1935978	+	1	FLLDANLGK	9
PPUB+2165	Proteomics_pub	1936018	1936071	+	1	GLPADVVPDILLDDGR	18

PPUB+2166	Proteomics_pub	1936108	1936152	+	1	VFTEVTVGGPLSNNK	15
PPUB+2167	Proteomics_pub	1936165	1936203	+	1	LGGGLSAEALTEK	13
PPUB+2168	Proteomics_pub	1936165	1936209	+	1	LGGGLSAEALTEKDK	15
PPUB+2169	Proteomics_pub	1936423	1936473	+	1	GDLGVEIGDPELVGIQK	17
PPUB+2170	Proteomics_pub	1936804	1936842	+	1	GVTAIITMTESGR	13
PPUB+2171	Proteomics_pub	1936864	1936899	+	1	ISSGLPIFAMSR	12
PPUB+2172	Proteomics_pub	1936909	1936935	+	1	TLNLTALYR	9
PPUB+2173	Proteomics_pub	1940773	1940814	+	1	GAIVGIIGPNGAGK	14
PPUB+2174	Proteomics_pub	1948991	1949020	+	2	ASGQPVFLVR	10
PPUB+2175	Proteomics_pub	1950795	1950827	+	3	VAEVFPDMIQR	11
PPUB+2176	Proteomics_pub	1951044	1951082	+	3	APTPVDVIEGDIR	13
PPUB+2177	Proteomics_pub	1951173	1951220	+	3	IYQGLNPGGALVLSEK	16
PPUB+2178	Proteomics_pub	1958422	1958463	+	1	QTIVVDYSAPNVAK	14
PPUB+2179	Proteomics_pub	1958488	1958517	+	1	STIIGDAAVR	10
PPUB+2180	Proteomics_pub	1958518	1958541	+	1	TLEFLGHK	8
PPUB+2181	Proteomics_pub	1958677	1958712	+	1	KHYDEDEEFAER	12
PPUB+2182	Proteomics_pub	1958734	1958760	+	1	LQSGDEYFR	9
PPUB+2183	Proteomics_pub	1958821	1958904	+	1	LNVTLTRDDVMGESLYNPMLPGIVADLK	28
PPUB+2184	Proteomics_pub	1958971	1959003	+	1	EGEPMGVIIQK	11
PPUB+2185	Proteomics_pub	1959253	1959285	+	1	LADLLDEALER	11
PPUB+2186	Proteomics_pub	1959310	1959342	+	1	NPDMPADELEK	11
PPUB+2187	Proteomics_pub	1959343	1959375	+	1	LANAVGIGAVK	11
PPUB+2188	Proteomics_pub	1959502	1959552	+	1	KAEIDEEQLAAAPVIIR	17
PPUB+2189	Proteomics_pub	1959775	1959813	+	1	LGLDTLGIETVER	13
PPUB+2190	Proteomics_pub	1986875	1986907	+	2	HAQEEMTHMQR	11
PPUB+2191	Proteomics_pub	1986908	1986946	+	2	LFDYLTDTGNLPR	13
PPUB+2192	Proteomics_pub	1986947	1987015	+	2	INTVESPFAEYSSLDLDFQETYK	23
PPUB+2193	Proteomics_pub	1987040	1987135	+	2	INELAHAAMTNQDYPTFNFLQWYVSEQHEEEK	32
PPUB+2194	Proteomics_pub	1987178	1987207	+	2	SGEGLYFIDK	10
PPUB+2195	Proteomics_pub	1987208	1987234	+	2	ELSTLDTQN	9
PPUB+2196	Proteomics_pub	2015100	2015141	+	3	GGKVGLFGGAGVGK	14
PPUB+2197	Proteomics_pub	2032156	2032185	+	1	DGNKLDLYGK	10
PPUB+2198	Proteomics_pub	2032156	2032185	+	1	DGNKVDLYGK	10
PPUB+2199	Proteomics_pub	2032186	2032248	+	1	VDGLHYFSDNKDVDGDQTYMR	21
PPUB+2200	Proteomics_pub	2032363	2032416	+	1	VAFAGLKFDVGSFDYGR	18
PPUB+2201	Proteomics_pub	2032363	2032416	+	1	LAFAGLKYADVGSFDYGR	18
PPUB+2202	Proteomics_pub	2032848	2032895	+	3	YDANNIYLAANYGETR	16
PPUB+2203	Proteomics_pub	2032962	2033039	+	3	AQNFEAVAQYQDFGLRPSLAYLQSK	26
PPUB+2204	Proteomics_pub	2033112	2033147	+	3	YVDVGATYYFNK	12
PPUB+2205	Proteomics_pub	2033148	2033174	+	3	NMSTYVDYK	9
PPUB+2206	Proteomics_pub	2034168	2034203	+	3	FEYWAMPHKDEK	12
PPUB+2207	Proteomics_pub	2034627	2034671	+	3	LLTGDSPPFAANALGK	15
PPUB+2208	Proteomics_pub	2039516	2039557	+	2	AANGVFDDANVQNR	14
PPUB+2209	Proteomics_pub	2039558	2039617	+	2	TLSDWDGWWQSVYPLLQSGK	20
PPUB+2210	Proteomics_pub	2039696	2039755	+	2	GYATDIEMIGIEDGIVEFHR	20
PPUB+2211	Proteomics_pub	2039837	2039869	+	2	YLFECKDPESK	11

PPUB+2212	Proteomics_pub	2039879	2039914	+	2	YIQFSDHIIAPR	12
PPUB+2213	Proteomics_pub	2053646	2053708	+	2	HYTGTPVEHFQPFVLFYNYTR	21
PPUB+2214	Proteomics_pub	2054198	2054242	+	2	TGTVVTTDDRNWELR	15
PPUB+2215	Proteomics_pub	2054957	2054986	+	2	FGVEIYAAAK	10
PPUB+2216	Proteomics_pub	2054987	2055025	+	2	QGEPDPELNTSLK	13
PPUB+2217	Proteomics_pub	2055092	2055130	+	2	AKGGGDETFVQGR	13
PPUB+2218	Proteomics_pub	2055098	2055130	+	2	GGGDETFVQGR	11
PPUB+2219	Proteomics_pub	2055131	2055196	+	2	YEGFGPNGSMIIAETLTSNVNR	22
PPUB+2220	Proteomics_pub	2055572	2055595	+	2	VYHNVANL	8
PPUB+2221	Proteomics_pub	2068427	2068489	+	2	GPMSSELYGSDALGGVVNIITK	21
PPUB+2222	Proteomics_pub	2068445	2068489	+	2	YGPQSVGGVVNFVTR	15
PPUB+2223	Proteomics_pub	2068445	2068489	+	2	YNGAAGGVVNIITK	15
PPUB+2224	Proteomics_pub	2088330	2088371	+	3	LIAMAENMPIDILR	14
PPUB+2225	Proteomics_pub	2088531	2088590	+	3	LSLATPVDEAWDGPLSLNGK	20
PPUB+2226	Proteomics_pub	2088657	2088695	+	3	SCLLNGSVEVAPR	13
PPUB+2227	Proteomics_pub	2088696	2088764	+	3	AGLADAICDLVSTGATLEANGLR	23
PPUB+2228	Proteomics_pub	2089062	2089103	+	3	ALGASSILVLPK	14
PPUB+2229	Proteomics_pub	2089175	2089222	+	2	QLLMRPAISASESITR	16
PPUB+2230	Proteomics_pub	2089223	2089252	+	2	TVNDILDNVK	10
PPUB+2231	Proteomics_pub	2089322	2089357	+	2	VSAEEIAAASER	12
PPUB+2232	Proteomics_pub	2089400	2089429	+	2	NIETFHTAQK	10
PPUB+2233	Proteomics_pub	2089736	2089774	+	2	IFGPGNAFVTEAK	13
PPUB+2234	Proteomics_pub	2090175	2090231	+	3	TGNRHDLAVEPPAPTVLQK	19
PPUB+2235	Proteomics_pub	2090425	2090454	+	1	STVTITDLAR	10
PPUB+2236	Proteomics_pub	2090605	2090667	+	1	AVIENYAQYAGVKPEQVLVSR	21
PPUB+2237	Proteomics_pub	2162363	2162392	+	2	LGQLLIDYLR	10
PPUB+2238	Proteomics_pub	2162588	2162644	+	2	ILGLEIGADDYITKPFNPR	19
PPUB+2239	Proteomics_pub	2163692	2163733	+	2	MFKPELLSPAGTLK	14
PPUB+2240	Proteomics_pub	2163809	2163871	+	2	NNEFNHENLQLGINEAHALGK	21
PPUB+2241	Proteomics_pub	2164076	2164102	+	2	FWQQMGLTR	9
PPUB+2242	Proteomics_pub	2164250	2164285	+	2	DPNQGCTNACR	12
PPUB+2243	Proteomics_pub	2164688	2164711	+	2	GYTEGFLR	8
PPUB+2244	Proteomics_pub	2164769	2164801	+	2	QQFVGFTGER	11
PPUB+2245	Proteomics_pub	2164802	2164831	+	2	KGDAAVAVK	10
PPUB+2246	Proteomics_pub	2185090	2185122	+	1	YELSSFIADFK	11
PPUB+2247	Proteomics_pub	2192634	2192660	+	3	QLSELIYSR	9
PPUB+2248	Proteomics_pub	2192691	2192720	+	3	TISQLYDPEK	10
PPUB+2249	Proteomics_pub	2192847	2192879	+	3	SVVSGATPVMR	11
PPUB+2250	Proteomics_pub	2192880	2192942	+	3	DSEHFFFDLPSFSEMLQAWTR	21
PPUB+2251	Proteomics_pub	2192943	2192975	+	3	SGALQEQVANK	11
PPUB+2252	Proteomics_pub	2192976	2193023	+	3	MQEWFESGLQQWDISR	16
PPUB+2253	Proteomics_pub	2193024	2193068	+	3	DAPYFGFEIPNAPGK	15
PPUB+2254	Proteomics_pub	2193135	2193170	+	3	RGDSVSFDEYWK	12
PPUB+2255	Proteomics_pub	2193174	2193209	+	3	DSTAELYHFIGK	12
PPUB+2256	Proteomics_pub	2193351	2193392	+	3	ASTWLNHFADADSLR	14
PPUB+2257	Proteomics_pub	2193423	2193464	+	3	IDDIDLNLEDFVQR	14

PPUB+2258	Proteomics_pub	2193510	2193533	+	3	NAGFINKR	8
PPUB+2259	Proteomics_pub	2193531	2193581	+	3	RFDGVLASELADPQLYK	17
PPUB+2260	Proteomics_pub	2193582	2193629	+	3	TFTDAAEVIGEAWESR	16
PPUB+2261	Proteomics_pub	2193651	2193683	+	3	EIMALADLANR	11
PPUB+2262	Proteomics_pub	2193780	2193815	+	3	VLMTYLKPVLPK	12
PPUB+2263	Proteomics_pub	2193936	2193977	+	3	QVEALVEASKEEVK	14
PPUB+2264	Proteomics_pub	2193978	2194055	+	3	AAAAPVTGPLADDPIQETITFDDFAK	26
PPUB+2265	Proteomics_pub	2194068	2194112	+	3	VALIENAEFVEGSDK	15
PPUB+2266	Proteomics_pub	2194122	2194148	+	3	LTLDLGGEK	9
PPUB+2267	Proteomics_pub	2194122	2194151	+	3	LTLDLGGEKR	10
PPUB+2268	Proteomics_pub	2194173	2194208	+	3	SAYPDPQALIGR	12
PPUB+2269	Proteomics_pub	2194209	2194241	+	3	HTIMVANLAPR	11
PPUB+2270	Proteomics_pub	2194251	2194298	+	3	FGISEGMVMAAGPGGK	16
PPUB+2271	Proteomics_pub	2194299	2194352	+	3	DIFLLSPDAGAKPGHQVK	18
PPUB+2272	Proteomics_pub	2204659	2204697	+	1	TDWLDIAGSLIK	13
PPUB+2273	Proteomics_pub	2208250	2208285	+	1	SEQENSPAATTR	12
PPUB+2274	Proteomics_pub	2221422	2221445	+	3	SWLVDYFK	8
PPUB+2275	Proteomics_pub	2229878	2229946	+	2	FQTAFQAQLADNLQSALEPILADK	23
PPUB+2276	Proteomics_pub	2229947	2229991	+	2	YFPALLTGEQVSSLK	15
PPUB+2277	Proteomics_pub	2229992	2230060	+	2	SATGLDEDALAFALLPLAACAR	23
PPUB+2278	Proteomics_pub	2230061	2230099	+	2	TPLSNFNVGAIAR	13
PPUB+2279	Proteomics_pub	2230217	2230264	+	2	ALAAITVNYTPCGHCR	16
PPUB+2280	Proteomics_pub	2230265	2230303	+	2	QFMNELNSGLDLR	13
PPUB+2281	Proteomics_pub	2230340	2230369	+	2	DYLPDAFGPK	10
PPUB+2282	Proteomics_pub	2230490	2230519	+	2	SPSGVALECK	10
PPUB+2283	Proteomics_pub	2230616	2230642	+	2	GYDYPDIQR	9
PPUB+2284	Proteomics_pub	2230661	2230708	+	2	ADAPLIQWDATSATLK	16
PPUB+2285	Proteomics_pub	2263907	2263966	+	2	GDTAGTGGKPATLSTGAVVK	20
PPUB+2286	Proteomics_pub	2270758	2270811	+	1	WADGTPVTAQDFVYSWQR	18
PPUB+2287	Proteomics_pub	2270758	2270811	+	1	WSDGTPVTAQDFVYSWQR	18
PPUB+2288	Proteomics_pub	2275585	2275620	+	1	YPLHLSGGQQQR	12
PPUB+2289	Proteomics_pub	2280539	2280565	+	2	MFTINAEVR	9
PPUB+2290	Proteomics_pub	2280539	2280568	+	2	MFTINAEVRK	10
PPUB+2291	Proteomics_pub	2280602	2280640	+	2	AANKFPAIYGGK	13
PPUB+2292	Proteomics_pub	2280614	2280640	+	2	FPAIYGGK	9
PPUB+2293	Proteomics_pub	2280641	2280676	+	2	EAPLAIELDHDK	12
PPUB+2294	Proteomics_pub	2280641	2280697	+	2	EAPLAIELDHDKVMNMQAK	19
PPUB+2295	Proteomics_pub	2280677	2280742	+	2	VMNMQAKAEFYSEVLTIIVVDGK	22
PPUB+2296	Proteomics_pub	2280698	2280742	+	2	AEFYSEVLTIIVVDGK	15
PPUB+2297	Proteomics_pub	2280794	2280817	+	2	LQHIDFVR	8
PPUB+2298	Proteomics_pub	2280794	2280820	+	2	LQHIDFVRA	9
PPUB+2299	Proteomics_pub	2282169	2282225	+	3	YSDEQVEQLLAELNVLEK	19
PPUB+2300	Proteomics_pub	2282313	2282339	+	3	QAIANSFAR	9
PPUB+2301	Proteomics_pub	2282340	2282369	+	3	ALQSSINEDK	10
PPUB+2302	Proteomics_pub	2282340	2282375	+	3	ALQSSINEDKAH	12
PPUB+2303	Proteomics_pub	2302050	2302097	+	3	RQVIQLTPQEDESTLK	16

PPUB+2304	Proteomics_pub	2302269	2302310	+	3	KFVTAYLGDAGMLR	14
PPUB+2305	Proteomics_pub	2302272	2302310	+	3	FVTAYLGDAGMLR	13
PPUB+2306	Proteomics_pub	2302323	2302364	+	3	LPIVVYTPDNVDVK	14
PPUB+2307	Proteomics_pub	2314199	2314258	+	2	MNNMNVIIADDHPVILFGIR	20
PPUB+2308	Proteomics_pub	2314388	2314414	+	2	YGDGITLIK	9
PPUB+2309	Proteomics_pub	2314526	2314552	+	2	QGAPTDLPK	9
PPUB+2310	Proteomics_pub	2314580	2314606	+	2	KFTPESVSR	9
PPUB+2311	Proteomics_pub	2314619	2314648	+	2	ISAGGYGDKR	10
PPUB+2312	Proteomics_pub	2314679	2314717	+	2	LFAEGFLVTEIAK	13
PPUB+2313	Proteomics_pub	2314775	2314846	+	2	LGVENDIALLNYLSSVTLSPADKD	24
PPUB+2314	Proteomics_pub	2337817	2337873	+	1	EGATVTGLDMGFEPQVAK	19
PPUB+2315	Proteomics_pub	2338018	2338074	+	1	ACAQLVKPGGDVFFSTLNR	19
PPUB+2316	Proteomics_pub	2338261	2338308	+	1	LPGVDVNYMLHTQNK	16
PPUB+2317	Proteomics_pub	2342887	2342913	+	1	MNQNLVTK	9
PPUB+2318	Proteomics_pub	2343019	2343048	+	1	SHIQFYDGIK	10
PPUB+2319	Proteomics_pub	2343049	2343078	+	1	TSDIHETIIK	10
PPUB+2320	Proteomics_pub	2343103	2343135	+	1	DAPDYQYLAAR	11
PPUB+2321	Proteomics_pub	2343163	2343210	+	1	AYGQFEPALYDHVVK	16
PPUB+2322	Proteomics_pub	2343229	2343273	+	1	YDNHLLLEDYTEEEFK	15
PPUB+2323	Proteomics_pub	2343472	2343498	+	1	FYDAVSTFK	9
PPUB+2324	Proteomics_pub	2343499	2343534	+	1	ISLPTPIMSGVR	12
PPUB+2325	Proteomics_pub	2343640	2343666	+	1	AGIGINAGR	9
PPUB+2326	Proteomics_pub	2343694	2343735	+	1	GGEAFHTGCIPFYK	14
PPUB+2327	Proteomics_pub	2343757	2343780	+	1	SCSQGGVR	8
PPUB+2328	Proteomics_pub	2343880	2343909	+	1	HMDYGVQINK	10
PPUB+2329	Proteomics_pub	2343934	2344017	+	1	GEDITLFSPSDVPGLYDAFFADQEEFER	28
PPUB+2330	Proteomics_pub	2344069	2344104	+	1	AVELFSLMMQER	12
PPUB+2331	Proteomics_pub	2344420	2344464	+	1	TLGIGVINFAYYLAK	15
PPUB+2332	Proteomics_pub	2344477	2344512	+	1	YSDGSANLTHK	12
PPUB+2333	Proteomics_pub	2344513	2344545	+	1	TFEAIQYLLK	11
PPUB+2334	Proteomics_pub	2344567	2344611	+	1	EQGACPWFNETTYAK	15
PPUB+2335	Proteomics_pub	2344612	2344638	+	1	GILPIDTYK	9
PPUB+2336	Proteomics_pub	2344612	2344641	+	1	GILPIDTYKK	10
PPUB+2337	Proteomics_pub	2345409	2345435	+	3	AYTTFSQTK	9
PPUB+2338	Proteomics_pub	2345436	2345489	+	3	NDQLKEPMFFGQPVNVAR	18
PPUB+2339	Proteomics_pub	2345580	2345618	+	3	DRIDYQALPEHEK	13
PPUB+2340	Proteomics_pub	2345586	2345618	+	3	IDYQALPEHEK	11
PPUB+2341	Proteomics_pub	2345619	2345642	+	3	HIFISNLK	8
PPUB+2342	Proteomics_pub	2345643	2345675	+	3	YQTLSDSIQGR	11
PPUB+2343	Proteomics_pub	2345790	2345852	+	3	NIVNDPSVVFDDIVTNEQIQK	21
PPUB+2344	Proteomics_pub	2346117	2346167	+	3	DEALHLTGTHMLNLLR	17
PPUB+2345	Proteomics_pub	2346261	2346284	+	3	DWADYLFR	8
PPUB+2346	Proteomics_pub	2346354	2346392	+	3	MQAVGLDLFPQTR	13
PPUB+2347	Proteomics_pub	2411504	2411542	+	2	LVLVLCGSSSLK	13
PPUB+2348	Proteomics_pub	2411543	2411620	+	2	FAIIDAVNGEEYLSGLAECFHLPEAR	26
PPUB+2349	Proteomics_pub	2411648	2411764	+	2	QEAALGAGAAHSEALNFIVNTILAQKPELSAQLTAIGHR	39

PPUB+2350	Proteomics_pub	2411786	2411833	+	2	YTSSVIDESVIQGIK	16
PPUB+2351	Proteomics_pub	2411834	2411899	+	2	DAASFAPLHNPAHLIGIEEALK	22
PPUB+2352	Proteomics_pub	2411924	2412007	+	2	NVAVFDTAHFQTMPEESYLYALPYNLYK	28
PPUB+2353	Proteomics_pub	2412023	2412076	+	2	RYGAHGTSHFYVTQEAAK	18
PPUB+2354	Proteomics_pub	2412026	2412076	+	2	YGAHGTSHFYVTQEAAK	17
PPUB+2355	Proteomics_pub	2412077	2412154	+	2	MLNKPVEELNIITCHLGNGGVSVAIR	26
PPUB+2356	Proteomics_pub	2412221	2412295	+	2	SGDIDPAIIFHLHDTLGMSVDANK	25
PPUB+2357	Proteomics_pub	2412308	2412352	+	2	ESGLLGLTEVTSDCR	15
PPUB+2358	Proteomics_pub	2412308	2412379	+	2	ESGLLGLTEVTSDCRYVEDNYATK	24
PPUB+2359	Proteomics_pub	2412353	2412379	+	2	YVEDNYATK	9
PPUB+2360	Proteomics_pub	2412392	2412418	+	2	RAMDVYCHR	9
PPUB+2361	Proteomics_pub	2412395	2412418	+	2	AMDVYCHR	8
PPUB+2362	Proteomics_pub	2412428	2412463	+	2	YIGAYTALMDGR	12
PPUB+2363	Proteomics_pub	2412464	2412517	+	2	LDAVVFTGGIGENAAMVR	18
PPUB+2364	Proteomics_pub	2412518	2412571	+	2	ELSLGKLGVLGFVDHER	18
PPUB+2365	Proteomics_pub	2412536	2412571	+	2	LGVLGFVDHER	12
PPUB+2366	Proteomics_pub	2412536	2412586	+	2	LGVLGFVDHERNLAAR	17
PPUB+2367	Proteomics_pub	2412596	2412682	+	2	SGFINKEGTRPAVVIPTNEELVIAQDASR	29
PPUB+2368	Proteomics_pub	2412614	2412682	+	2	EGTRPAVVIPTNEELVIAQDASR	23
PPUB+2369	Proteomics_pub	2412614	2412691	+	2	EGTRPAVVIPTNEELVIAQDASRLTA	26
PPUB+2370	Proteomics_pub	2412868	2412900	+	1	LSVFKPIAQPR	11
PPUB+2371	Proteomics_pub	2412901	2412942	+	1	TGGDAPDQTTIVR	14
PPUB+2372	Proteomics_pub	2412943	2412981	+	1	ANSSTTTAAEPLK	13
PPUB+2373	Proteomics_pub	2412982	2413020	+	1	MSYVEGLLSSNQK	13
PPUB+2374	Proteomics_pub	2413021	2413068	+	1	DVLMEEIVANYHANTK	16
PPUB+2375	Proteomics_pub	2413069	2413110	+	1	DAEVLVEGLVPTR	14
PPUB+2376	Proteomics_pub	2413069	2413113	+	1	DAEVLVEGLVPTRK	15
PPUB+2377	Proteomics_pub	2413111	2413152	+	1	KHQFAQSLNYEIAK	14
PPUB+2378	Proteomics_pub	2413114	2413152	+	1	HQFAQSLNYEIAK	13
PPUB+2379	Proteomics_pub	2413258	2413290	+	1	NTNITGVIVNK	11
PPUB+2380	Proteomics_pub	2413291	2413320	+	1	LNAPVDEQGR	10
PPUB+2381	Proteomics_pub	2413321	2413362	+	1	TRPDLSEIFDDSSK	14
PPUB+2382	Proteomics_pub	2413393	2413461	+	1	LQESSPLPVLGAVPWSFDLIATR	23
PPUB+2383	Proteomics_pub	2413480	2413524	+	1	HLNATIINEGDINTR	15
PPUB+2384	Proteomics_pub	2413480	2413527	+	1	HLNATIINEGDINTRR	16
PPUB+2385	Proteomics_pub	2413555	2413584	+	1	SIPHMLEHFR	10
PPUB+2386	Proteomics_pub	2413984	2414016	+	1	RVVLPEGEAR	11
PPUB+2387	Proteomics_pub	2413984	2414016	+	1	RIVLPEGDEPR	11
PPUB+2388	Proteomics_pub	2413987	2414016	+	1	IVLPEGDEPR	10
PPUB+2389	Proteomics_pub	2414050	2414097	+	1	GIATCVLLGNPAEINR	16
PPUB+2390	Proteomics_pub	2414524	2414580	+	1	VAMLSYSTGTSGAGSDVEK	19
PPUB+2391	Proteomics_pub	2414614	2414679	+	1	RPDLMIDGPLQYDAVMADVAK	22
PPUB+2392	Proteomics_pub	2414680	2414712	+	1	SKAPNSPVAGR	11
PPUB+2393	Proteomics_pub	2414686	2414712	+	1	APNSPVAGR	9
PPUB+2394	Proteomics_pub	2414713	2414763	+	1	ATVFIFPDLNTGNTTYK	17
PPUB+2395	Proteomics_pub	2414776	2414820	+	1	SADLISIGPMLQGMR	15

PPUB+2396	Proteomics_pub	2414845	2414910	+	1	GALVDDIVYTIALTAIQSAQQQ	22
PPUB+2397	Proteomics_pub	2419485	2419520	+	3	TSEDINDALNYR	12
PPUB+2398	Proteomics_pub	2419533	2419562	+	3	NIIQHVENNR	10
PPUB+2399	Proteomics_pub	2419581	2419610	+	3	LTQDVLDIAR	10
PPUB+2400	Proteomics_pub	2419668	2419706	+	3	YADSVSMTLSWQR	13
PPUB+2401	Proteomics_pub	2459448	2459498	+	3	AYSGEGAIADDAGNVSR	17
PPUB+2402	Proteomics_pub	2460318	2460353	+	3	ATSTSGDTLQK	12
PPUB+2403	Proteomics_pub	2460429	2460473	+	3	TGIAFDSPVPAQNR	15
PPUB+2404	Proteomics_pub	2460474	2460500	+	3	SISIPDQDR	9
PPUB+2405	Proteomics_pub	2460591	2460629	+	3	INEGPYQFESEGK	13
PPUB+2406	Proteomics_pub	2466560	2466595	+	2	WQAGADMVLAKR	12
PPUB+2407	Proteomics_pub	2477239	2477274	+	1	MNSLIAQYPLVK	12
PPUB+2408	Proteomics_pub	2477542	2477577	+	1	KDShLPISGSIK	12
PPUB+2409	Proteomics_pub	2482164	2482196	+	3	FVGLTSDQK	11
PPUB+2410	Proteomics_pub	2482630	2482668	+	1	VRGINADYLNLLK	13
PPUB+2411	Proteomics_pub	2484472	2484501	+	1	DLINALEVEK	10
PPUB+2412	Proteomics_pub	2512156	2512191	+	1	GLNEEQGNVSR	12
PPUB+2413	Proteomics_pub	2529488	2529514	+	2	VSSFTSAPR	9
PPUB+2414	Proteomics_pub	2530440	2530487	+	3	IFEDNSLTIGHTPLVR	16
PPUB+2415	Proteomics_pub	2530563	2530595	+	3	IGANMIWDAEK	11
PPUB+2416	Proteomics_pub	2530596	2530682	+	3	RGVLKPGVELVEPTSGNTGIALAYVAAAR	29
PPUB+2417	Proteomics_pub	2530599	2530682	+	3	GVLKPGVELVEPTSGNTGIALAYVAAAR	28
PPUB+2418	Proteomics_pub	2530692	2530730	+	3	LTLTMPETMSIER	13
PPUB+2419	Proteomics_pub	2530746	2530784	+	3	ALGANLVLTGAK	13
PPUB+2420	Proteomics_pub	2530809	2530841	+	3	AEEIVASNPEK	11
PPUB+2421	Proteomics_pub	2530842	2530895	+	3	YLLLQQFSNPANPEIHEK	18
PPUB+2422	Proteomics_pub	2531109	2531156	+	3	IQGIGAGFIPANLDLK	16
PPUB+2423	Proteomics_pub	2531157	2531210	+	3	LVDKVIGITNEEAISTAR	18
PPUB+2424	Proteomics_pub	2531169	2531210	+	3	VIGITNEEAISTAR	14
PPUB+2425	Proteomics_pub	2531280	2531309	+	3	LQEDESFTNK	10
PPUB+2426	Proteomics_pub	2531310	2531345	+	3	NIVVILPSSGER	12
PPUB+2427	Proteomics_pub	2531346	2531387	+	3	YLSTALFADLFTEK	14
PPUB+2428	Proteomics_pub	2531786	2531857	+	2	MFQQEVTITAPNGLHTRPAAQFVK	24
PPUB+2429	Proteomics_pub	2531867	2531905	+	2	GFTSEITVTSNGK	13
PPUB+2430	Proteomics_pub	2531933	2532001	+	2	LQTLGLTQGTVVVISAEGEDEQK	23
PPUB+2431	Proteomics_pub	2531933	2532022	+	2	LQTLGLTQGTVVVISAEGEDEQKAVEHLVK	30
PPUB+2432	Proteomics_pub	2532088	2532132	+	1	MISGILASPGIAFGK	15
PPUB+2433	Proteomics_pub	2532091	2532132	+	1	ISGILASPGIAFGK	14
PPUB+2434	Proteomics_pub	2532133	2532171	+	1	ALLLKEDEIVDR	13
PPUB+2435	Proteomics_pub	2532175	2532213	+	1	KISADQVDQEVER	13
PPUB+2436	Proteomics_pub	2532178	2532213	+	1	ISADQVDQEVER	12
PPUB+2437	Proteomics_pub	2532262	2532294	+	1	TKAGETFGEEK	11
PPUB+2438	Proteomics_pub	2532376	2532459	+	1	HMTADAAAHEVIEGQASALEELDDEYLK	28
PPUB+2439	Proteomics_pub	2532523	2532609	+	1	IIDLSAIQDEVILVAADLTPSETAQLNLK	29
PPUB+2440	Proteomics_pub	2532610	2532645	+	1	KVLGFITDAGGR	12
PPUB+2441	Proteomics_pub	2532613	2532645	+	1	VLGFITDAGGR	11

PPUB+2442	Proteomics_pub	2532646	2532672	+	1	TSHTSIMAR	9
PPUB+2443	Proteomics_pub	2532673	2532726	+	1	SLELPAIVGTGSVTSQVK	18
PPUB+2444	Proteomics_pub	2532727	2532801	+	1	NDDYLILDVANNQVYVNPTEVIDK	25
PPUB+2445	Proteomics_pub	2532808	2532837	+	1	AVQEQVASEK	10
PPUB+2446	Proteomics_pub	2532808	2532852	+	1	AVQEQVASEKAELAK	15
PPUB+2447	Proteomics_pub	2532859	2532924	+	1	DLPAITLDGHQVEVCANIGTVR	22
PPUB+2448	Proteomics_pub	2532925	2532975	+	1	DVEGAERNGAEGVGLYR	17
PPUB+2449	Proteomics_pub	2532946	2532975	+	1	NGAEGVGLYR	10
PPUB+2450	Proteomics_pub	2532976	2532999	+	1	TEFLFMDR	8
PPUB+2451	Proteomics_pub	2532976	2533041	+	1	TEFLFMDRDALPTEEEQFAAYK	22
PPUB+2452	Proteomics_pub	2533000	2533041	+	1	DALPTEEEQFAAYK	14
PPUB+2453	Proteomics_pub	2533042	2533083	+	1	AVAEACGSQAVIVR	14
PPUB+2454	Proteomics_pub	2533084	2533107	+	1	TMDIGGDK	8
PPUB+2455	Proteomics_pub	2533084	2533134	+	1	TMDIGGDKELPYMNFPK	17
PPUB+2456	Proteomics_pub	2533108	2533134	+	1	ELPYMNFPK	9
PPUB+2457	Proteomics_pub	2533135	2533161	+	1	EENPFLGWR	9
PPUB+2458	Proteomics_pub	2533249	2533287	+	1	IMFPMIISVEEVR	13
PPUB+2459	Proteomics_pub	2533300	2533329	+	1	EIEIYKQELR	10
PPUB+2460	Proteomics_pub	2533483	2533545	+	1	GNDMISHLYQPMSPSVLNLIK	21
PPUB+2461	Proteomics_pub	2533546	2533578	+	1	QVIDASHAEGK	11
PPUB+2462	Proteomics_pub	2533579	2533617	+	1	WTGMCGELAGDER	13
PPUB+2463	Proteomics_pub	2533702	2533725	+	1	NTNFEDAK	8
PPUB+2464	Proteomics_pub	2533726	2533788	+	1	VLAEQALAQPTTDELMTLVNK	21
PPUB+2465	Proteomics_pub	2533904	2533990	+	2	DTGTIEIIAPLSGEIVNIEDVPDVVFAEK	29
PPUB+2466	Proteomics_pub	2533991	2534032	+	2	IVGDGIAIKPTGNK	14
PPUB+2467	Proteomics_pub	2534033	2534065	+	2	MVAPVDGTIGK	11
PPUB+2468	Proteomics_pub	2534066	2534155	+	2	IFETNHAFSIESDSGVELFVHFGIDTVELK	30
PPUB+2469	Proteomics_pub	2534195	2534248	+	2	VKVGDTVIEFDLPLLEEK	18
PPUB+2470	Proteomics_pub	2534201	2534248	+	2	VGDTVIEFDLPLLEEK	16
PPUB+2471	Proteomics_pub	2534255	2534299	+	2	STLTPVVISNMDEIK	15
PPUB+2472	Proteomics_pub	2534255	2534311	+	2	STLTPVVISNMDEIKELIK	19
PPUB+2473	Proteomics_pub	2534312	2534353	+	2	LSGSVTVGETPVIR	14
PPUB+2474	Proteomics_pub	2534927	2534959	+	2	SNPLGEDFDYR	11
PPUB+2475	Proteomics_pub	2557042	2557089	+	1	MLALGVYPEITLADAR	16
PPUB+2476	Proteomics_pub	2562902	2562934	+	2	IAELEAALANK	11
PPUB+2477	Proteomics_pub	2563031	2563054	+	2	EWVNPMPK	8
PPUB+2478	Proteomics_pub	2563307	2563339	+	2	LITLLPNWIDK	11
PPUB+2479	Proteomics_pub	2576712	2576759	+	3	QYTTVVADTGDIAAMK	16
PPUB+2480	Proteomics_pub	2576760	2576807	+	3	HYHPQDATTPNSLLK	16
PPUB+2481	Proteomics_pub	2576835	2576864	+	3	LIDDAVAWAK	10
PPUB+2482	Proteomics_pub	2576877	2576912	+	3	TQEQQVVAACDK	12
PPUB+2483	Proteomics_pub	2577081	2577107	+	3	LASTWEGIR	9
PPUB+2484	Proteomics_pub	2577081	2577107	+	3	LASTWQGIR	9
PPUB+2485	Proteomics_pub	2577129	2577179	+	3	EGINCNLTLFSAQAR	17
PPUB+2486	Proteomics_pub	2577129	2577179	+	3	EGINCNLTLFSAQAR	17
PPUB+2487	Proteomics_pub	2577180	2577227	+	3	ACAEAGVFLISPFVGR	16

PPUB+2488	Proteomics_pub	2577180	2577227	+	3	ACAEAGVFLISPFVGR	16
PPUB+2489	Proteomics_pub	2577228	2577251	+	3	IYDWYQAR	8
PPUB+2490	Proteomics_pub	2577327	2577368	+	3	EHGYETVVMGASFR	14
PPUB+2491	Proteomics_pub	2577408	2577434	+	3	LTIAPNLLK	9
PPUB+2492	Proteomics_pub	2577510	2577566	+	3	ITSEFLWQHNQDPMVAVDK	19
PPUB+2493	Proteomics_pub	2577724	2577780	+	1	SGHPGAPMGMDIAEVLWR	19
PPUB+2494	Proteomics_pub	2577793	2577825	+	1	HNPQNPSWADR	11
PPUB+2495	Proteomics_pub	2577793	2577831	+	1	HNPQNPSWADRDR	13
PPUB+2496	Proteomics_pub	2577943	2578047	+	1	TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK	35
PPUB+2497	Proteomics_pub	2578387	2578416	+	1	TIIGFGSPNK	10
PPUB+2498	Proteomics_pub	2578387	2578416	+	1	TVIGFGSPNK	10
PPUB+2499	Proteomics_pub	2578417	2578476	+	1	AGTHDSHGAPLGDAEIALTR	20
PPUB+2500	Proteomics_pub	2578495	2578545	+	1	YAPFEIPSEIYAQWDAK	17
PPUB+2501	Proteomics_pub	2578636	2578659	+	1	RMSGGLPK	8
PPUB+2502	Proteomics_pub	2578837	2578884	+	1	AINEDAAGNYIHYGVR	16
PPUB+2503	Proteomics_pub	2579104	2579166	+	1	VTPNMSTWRPCDQVESAVAWK	21
PPUB+2504	Proteomics_pub	2579182	2579214	+	1	QDGPTALILSR	11
PPUB+2505	Proteomics_pub	2579215	2579268	+	1	QNLAQQERTEEQLANIAR	18
PPUB+2506	Proteomics_pub	2579392	2579478	+	1	VVSLPSTDIFDAQDEEYRESVLPSNVAAR	29
PPUB+2507	Proteomics_pub	2579479	2579517	+	1	VAVEAGIADYWYK	13
PPUB+2508	Proteomics_pub	2586241	2586294	+	1	AQNAQVAAGQLGGTPPVK	18
PPUB+2509	Proteomics_pub	2587144	2587167	+	1	GFFGWFNRR	8
PPUB+2510	Proteomics_pub	2587234	2587287	+	1	YLLIYALIVAGMVVFLR	18
PPUB+2511	Proteomics_pub	2589368	2589442	+	2	VDGLDSELLNDFINELGWEALLNTR	25
PPUB+2512	Proteomics_pub	2589725	2589754	+	2	LQAIGFTVER	10
PPUB+2513	Proteomics_pub	2589932	2589967	+	2	GSLAAMVVAER	12
PPUB+2514	Proteomics_pub	2590676	2590720	+	2	INECVNAADLQLLAR	15
PPUB+2515	Proteomics_pub	2597931	2598008	+	3	TLSSQHYLVITALGADRPQIVNTITR	26
PPUB+2516	Proteomics_pub	2598009	2598047	+	3	HVSSCGCNIEDSR	13
PPUB+2517	Proteomics_pub	2598536	2598595	+	2	FSLPDQDGEQVNLDFQGGQR	20
PPUB+2518	Proteomics_pub	2598596	2598619	+	2	VLVYFYPK	8
PPUB+2519	Proteomics_pub	2598620	2598661	+	2	AMTPGCTVQACGLR	14
PPUB+2520	Proteomics_pub	2598683	2598730	+	2	KAGVDVLGISTDKPEK	16
PPUB+2521	Proteomics_pub	2598686	2598730	+	2	AGVDVLGISTDKPEK	15
PPUB+2522	Proteomics_pub	2598752	2598826	+	2	ELLNFTLLSDEDHQVCEQFGVWGEK	25
PPUB+2523	Proteomics_pub	2598863	2598892	+	2	ISFLIDADGK	10
PPUB+2524	Proteomics_pub	2598863	2598919	+	2	ISFLIDADGKIEHVDFDFK	19
PPUB+2525	Proteomics_pub	2598920	2598958	+	2	TSNHHDVVLNWLK	13
PPUB+2526	Proteomics_pub	2615672	2615737	+	2	ENGVEPEVVLYLETPADAATLR	22
PPUB+2527	Proteomics_pub	2615876	2615911	+	2	LMERPIVVANGK	12
PPUB+2528	Proteomics_pub	2615918	2615956	+	2	IGRPPEQVLEIVG	13
PPUB+2529	Proteomics_pub	2619249	2619293	+	3	DAGVDIDAGNALVGR	15
PPUB+2530	Proteomics_pub	2619315	2619380	+	3	TRRPEVMGGLGGFGALCALPQK	22
PPUB+2531	Proteomics_pub	2619321	2619380	+	3	RPEVMGGLGGFGALCALPQK	20
PPUB+2532	Proteomics_pub	2619381	2619428	+	3	YREPVLVSGTDGVTGK	16
PPUB+2533	Proteomics_pub	2619741	2619812	+	3	VSDGDVLIAGSSGPHSNGYSLVR	24

PPUB+2534	Proteomics_pub	2619936	2619995	+	3	VDVHAIHLLTGGGFWENIPR	20
PPUB+2535	Proteomics_pub	2620107	2620163	+	3	TFNCGVGMIIALPAPEVDK	19
PPUB+2536	Proteomics_pub	2620164	2620205	+	3	ALALLNANGENAWK	14
PPUB+2537	Proteomics_pub	2620565	2620597	+	2	LLNIHPSLLPK	11
PPUB+2538	Proteomics_pub	2620715	2620759	+	2	VPVFAGDSEDDITAR	15
PPUB+2539	Proteomics_pub	2650861	2650899	+	1	VSILGGGLAGWQR	13
PPUB+2540	Proteomics_pub	2651053	2651091	+	1	FNAEVDEPRPGLR	13
PPUB+2541	Proteomics_pub	2651158	2651193	+	1	TTDELDAIFFGR	12
PPUB+2542	Proteomics_pub	2651332	2651358	+	1	ADLPVEPVK	9
PPUB+2543	Proteomics_pub	2661464	2661493	+	2	MHPMLNIAVR	10
PPUB+2544	Proteomics_pub	2661527	2661565	+	2	NYETPDAVEASQK	13
PPUB+2545	Proteomics_pub	2661566	2661598	+	2	GSNDFVTNVDK	11
PPUB+2546	Proteomics_pub	2661599	2661631	+	2	AAEAVIIDTIR	11
PPUB+2547	Proteomics_pub	2661599	2661634	+	2	AAEAVIIDTIRK	12
PPUB+2548	Proteomics_pub	2661635	2661745	+	2	SYPQHTIITEESGELEGTDQDVQWVIDPLDGTTNFIK	37
PPUB+2549	Proteomics_pub	2661749	2661781	+	2	LPHFAVSIIVR	11
PPUB+2550	Proteomics_pub	2661794	2661826	+	2	TEVAVVYDPMR	11
PPUB+2551	Proteomics_pub	2661851	2661880	+	2	GQGAQLNGYR	10
PPUB+2552	Proteomics_pub	2661902	2661943	+	2	DLDGTLATGFPFK	14
PPUB+2553	Proteomics_pub	2661902	2661949	+	2	DLDGTLATGFPFKAK	16
PPUB+2554	Proteomics_pub	2661944	2661985	+	2	AKQYATTYINIVGK	14
PPUB+2555	Proteomics_pub	2661950	2661985	+	2	QYATTYINIVGK	12
PPUB+2556	Proteomics_pub	2661986	2662012	+	2	LFNECADFR	9
PPUB+2557	Proteomics_pub	2662016	2662060	+	2	TGSAALDLAYVAAGR	15
PPUB+2558	Proteomics_pub	2662061	2662126	+	2	VDGFFEIGLRPWDFAGELLVR	22
PPUB+2559	Proteomics_pub	2662127	2662207	+	2	EAGGIVSDFTGGHNYMLTGNIVAGNPR	27
PPUB+2560	Proteomics_pub	2662238	2662264	+	2	DELSDALKR	9
PPUB+2561	Proteomics_pub	2708682	2708714	+	3	HAVEFVASNAR	11
PPUB+2562	Proteomics_pub	2708826	2708855	+	3	ILHAADATGR	10
PPUB+2563	Proteomics_pub	2708919	2708951	+	3	SNAVDLIVSDK	11
PPUB+2564	Proteomics_pub	2709036	2709068	+	3	AVLATGGASK	11
PPUB+2565	Proteomics_pub	2709069	2709131	+	3	IYQSTTNAHINTGDGVGMAIR	21
PPUB+2566	Proteomics_pub	2709144	2709203	+	3	VANLEFNQFHPTALYHPQAR	20
PPUB+2567	Proteomics_pub	2709204	2709230	+	3	NFLLTEALR	9
PPUB+2568	Proteomics_pub	2709888	2709914	+	3	VSNLLELR	9
PPUB+2569	Proteomics_pub	2711044	2711079	+	1	DVLGMAQTGSGK	12
PPUB+2570	Proteomics_pub	2711524	2711568	+	1	LLEDPVEVSANPSTR	15
PPUB+2571	Proteomics_pub	2711812	2711847	+	1	LDILIATDVAAR	12
PPUB+2572	Proteomics_pub	2716961	2716999	+	2	NFAPIFEDVAQER	13
PPUB+2573	Proteomics_pub	2717141	2717173	+	2	APFDSWLNESL	11
PPUB+2574	Proteomics_pub	2720860	2720892	+	1	ETLLEKIASAK	11
PPUB+2575	Proteomics_pub	2721037	2721081	+	1	IGAAASNTNADWYCR	15
PPUB+2576	Proteomics_pub	2721847	2721882	+	1	WMLITGNLNP	12
PPUB+2577	Proteomics_pub	2721892	2721951	+	1	LDLENAILIHDPQLELAPQR	20
PPUB+2578	Proteomics_pub	2734240	2734293	+	1	EEVPDNPNEIYATAQK	18
PPUB+2579	Proteomics_pub	2734315	2734350	+	1	QAITQLEALDNR	12

PPUB+2580	Proteomics_pub	2734411	2734449	+	1	NADLPLAQAAIDR	13
PPUB+2581	Proteomics_pub	2734411	2734458	+	1	NADLPLAQAAIDRFIR	16
PPUB+2582	Proteomics_pub	2734459	2734503	+	1	LNPTHPNIDYVMYMR	15
PPUB+2583	Proteomics_pub	2734504	2734563	+	1	GLTNMALDDSDALQGFFGVDR	20
PPUB+2584	Proteomics_pub	2734591	2734623	+	1	AAFSDFSKLV	11
PPUB+2585	Proteomics_pub	2734624	2734662	+	1	GYPNSQYTTDATK	13
PPUB+2586	Proteomics_pub	2734696	2734731	+	1	YEYSVAEYYTER	12
PPUB+2587	Proteomics_pub	2734732	2734758	+	1	GAWVAVVNR	9
PPUB+2588	Proteomics_pub	2734777	2734803	+	1	DYPDTQATR	9
PPUB+2589	Proteomics_pub	2734804	2734836	+	1	DALPLMENAYR	11
PPUB+2590	Proteomics_pub	2735176	2735226	+	1	MQLNITGNNVEITEALR	17
PPUB+2591	Proteomics_pub	2735200	2735226	+	1	QMEITPAIR	9
PPUB+2592	Proteomics_pub	2735263	2735304	+	1	WQTHLINPHIILSK	14
PPUB+2593	Proteomics_pub	2735305	2735373	+	1	EPQGFVADATINTPNGVLVDSGK	23
PPUB+2594	Proteomics_pub	2735374	2735415	+	1	HEDMYTAINELINK	14
PPUB+2595	Proteomics_pub	2735374	2735424	+	1	HEDMYTAINELINKLER	17
PPUB+2596	Proteomics_pub	2735437	2735460	+	1	LQHKGEAR	8
PPUB+2597	Proteomics_pub	2742025	2742087	+	1	IRTQGLGANPIASNSTAEGK	21
PPUB+2598	Proteomics_pub	2742031	2742087	+	1	TQGLGANPIASNSTAEGK	19
PPUB+2599	Proteomics_pub	2751702	2751761	+	3	VVYRPDINQGNILTANDVSK	20
PPUB+2600	Proteomics_pub	2751861	2751965	+	3	QQPGHEGVTQQTLLTFNSSGVLTNIDNKPALSGN	35
PPUB+2601	Proteomics_pub	2752933	2752971	+	1	AHKPGSATIALNK	13
PPUB+2602	Proteomics_pub	2753062	2753094	+	1	ANISDSYVLLR	11
PPUB+2603	Proteomics_pub	2758270	2758299	+	1	NIIILQFGPNK	10
PPUB+2604	Proteomics_pub	2802873	2802896	+	3	IFGEHPQR	8
PPUB+2605	Proteomics_pub	2803083	2803118	+	3	GQVLIDGVDIK	12
PPUB+2606	Proteomics_pub	2803308	2803352	+	3	AHHYPSELSGGQQQR	15
PPUB+2607	Proteomics_pub	2803368	2803436	+	3	ALAINPDILLMDEAFSALDPLIR	23
PPUB+2608	Proteomics_pub	2803437	2803463	+	3	TEMQDELVK	9
PPUB+2609	Proteomics_pub	2803485	2803526	+	3	TIVFISHDLDEAMR	14
PPUB+2610	Proteomics_pub	2803635	2803667	+	3	GVDISQVFSK	11
PPUB+2611	Proteomics_pub	2803740	2803784	+	3	LLQDEDREYGYVIER	15
PPUB+2612	Proteomics_pub	2803794	2803826	+	3	FVGAVSIDSLK	11
PPUB+2613	Proteomics_pub	2805235	2805303	+	1	GITVNPVQSTITEETFQTLVSR	23
PPUB+2614	Proteomics_pub	2805469	2805516	+	1	EGVFNAAQGYLIDK	16
PPUB+2615	Proteomics_pub	2805469	2805519	+	1	EGVFNAAQGYLIDKK	17
PPUB+2616	Proteomics_pub	2805538	2805570	+	1	ITNIAQLKDPK	11
PPUB+2617	Proteomics_pub	2805580	2805606	+	1	LFDTNGDGK	9
PPUB+2618	Proteomics_pub	2805820	2805867	+	1	DVWVWLQVPSALPGDK	16
PPUB+2619	Proteomics_pub	2805883	2805942	+	1	LPNGANYGFPVSTMHIVANK	20
PPUB+2620	Proteomics_pub	2805976	2806044	+	1	LFAIMQLPVADINAQNAIMHDGK	23
PPUB+2621	Proteomics_pub	2806045	2806089	+	1	ASEGDIQGHVDGWIK	15
PPUB+2622	Proteomics_pub	2806090	2806143	+	1	AHQQQFDGWVNEALAAQK	18
PPUB+2623	Proteomics_pub	2808792	2808830	+	3	MDSSFTPIEQMLK	13
PPUB+2624	Proteomics_pub	2808846	2808884	+	3	HEDFPYQEILLTR	13
PPUB+2625	Proteomics_pub	2809452	2809496	+	3	SANAETQTPQQPVKK	15

PPUB+2626	Proteomics_pub	2809701	2809742	+	3	EGDVLVLTDPDAR	14
PPUB+2627	Proteomics_pub	2856798	2856851	+	3	AYTLNUTCPTFIDKPGIR	18
PPUB+2628	Proteomics_pub	2923373	2923420	+	2	SSYANHQALAGLTLGK	16
PPUB+2629	Proteomics_pub	2923421	2923474	+	2	STDYRDTYDASLLQGVPR	18
PPUB+2630	Proteomics_pub	2923652	2923681	+	2	LYLNSFNQTR	10
PPUB+2631	Proteomics_pub	2923895	2923930	+	2	VVEETLVSHLLK	12
PPUB+2632	Proteomics_pub	2924501	2924530	+	2	FENFDINVLR	10
PPUB+2633	Proteomics_pub	2924915	2924944	+	2	GAAVGHAQQR	10
PPUB+2634	Proteomics_pub	2925605	2925643	+	2	MDDLQGFVAQHR	13
PPUB+2635	Proteomics_pub	2926251	2926286	+	3	METTQTSTIASK	12
PPUB+2636	Proteomics_pub	2926488	2926547	+	3	NPGEDITEVVEEHFGIGAGK	20
PPUB+2637	Proteomics_pub	2926956	2926988	+	3	REEYGDMAEQK	11
PPUB+2638	Proteomics_pub	2927226	2927252	+	3	EGFNGMVIK	9
PPUB+2639	Proteomics_pub	2927598	2927624	+	3	MISVFDIFK	9
PPUB+2640	Proteomics_pub	2927625	2927669	+	3	VGIGPSSSHTVGPMK	15
PPUB+2641	Proteomics_pub	2927625	2927669	+	3	IGIGPSSSHTVGPMK	15
PPUB+2642	Proteomics_pub	2928264	2928296	+	3	GISTEGLVPGK	11
PPUB+2643	Proteomics_pub	2928540	2928578	+	3	YLLVASAIGSLYK	13
PPUB+2644	Proteomics_pub	2928867	2928896	+	3	VIETMYETGK	10
PPUB+2645	Proteomics_pub	2928867	2928896	+	3	VIETMYETGK	10
PPUB+2646	Proteomics_pub	2970219	2970257	+	3	IVTIQNPYSLLNR	13
PPUB+2647	Proteomics_pub	2970435	2970464	+	3	AVAAAYVDIAR	10
PPUB+2648	Proteomics_pub	2970465	2970509	+	3	RHGLDPAQMALAFVR	15
PPUB+2649	Proteomics_pub	3016122	3016166	+	3	VVVLGGGDTAMDCVR	15
PPUB+2650	Proteomics_pub	3019701	3019739	+	3	EEIDDALSGLFSR	13
PPUB+2651	Proteomics_pub	3022029	3022055	+	3	AVLVPSDDK	9
PPUB+2652	Proteomics_pub	3038210	3038266	+	2	GATIVGHWPTAGYHFEASK	19
PPUB+2653	Proteomics_pub	3039383	3039451	+	2	LPLTMTLDDWALATITGADSEK	23
PPUB+2654	Proteomics_pub	3039566	3039595	+	2	DGDGFAWIER	10
PPUB+2655	Proteomics_pub	3039608	3039634	+	2	EPQLTELKK	9
PPUB+2656	Proteomics_pub	3039653	3039679	+	2	VTIAPDDER	9
PPUB+2657	Proteomics_pub	3039680	3039712	+	2	VLLGVAGFQAR	11
PPUB+2658	Proteomics_pub	3039713	3039751	+	2	AALANLFSSELPK	13
PPUB+2659	Proteomics_pub	3039713	3039757	+	2	AALANLFSSELPK	15
PPUB+2660	Proteomics_pub	3039770	3039814	+	2	EGATLLWFEHPAER	15
PPUB+2661	Proteomics_pub	3040013	3040045	+	2	GCYTGQEMVAR	11
PPUB+2662	Proteomics_pub	3040073	3040105	+	2	ALWLLAGSASR	11
PPUB+2663	Proteomics_pub	3040106	3040138	+	2	LPEAGEDLELK	11
PPUB+2664	Proteomics_pub	3040256	3040312	+	2	VRDDANTLHIEPLPYSLEE	19
PPUB+2665	Proteomics_pub	3041780	3041830	+	2	GPSICDVLTTGGAHGVPR	17
PPUB+2666	Proteomics_pub	3041918	3041941	+	2	LFAEMGFK	8
PPUB+2667	Proteomics_pub	3041984	3042019	+	2	GDEAQPNEEGLK	12
PPUB+2668	Proteomics_pub	3042020	3042052	+	2	FYDDMFDELLK	11
PPUB+2669	Proteomics_pub	3042203	3042238	+	2	YWMTFNEINNQR	12
PPUB+2670	Proteomics_pub	3042485	3042511	+	2	YVFTDVQLR	9
PPUB+2671	Proteomics_pub	3042512	3042550	+	2	GYPSYVLNEWER	13

PPUB+2672	Proteomics_pub	3042569	3042598	+	2	MEDGDLDVLR	10
PPUB+2673	Proteomics_pub	3042653	3042718	+	2	AEGGTGDAISGFEGSVPNPYVK	22
PPUB+2674	Proteomics_pub	3042719	3042760	+	2	ASDWGWQIDPVGLR	14
PPUB+2675	Proteomics_pub	3042761	3042787	+	2	YALCELYER	9
PPUB+2676	Proteomics_pub	3042839	3042874	+	2	VEEDGSINDDYR	12
PPUB+2677	Proteomics_pub	3043031	3043060	+	2	HDDGTGDMSR	10
PPUB+2678	Proteomics_pub	3043091	3043117	+	2	EVIASNGEK	9
PPUB+2679	Proteomics_pub	3053622	3053681	+	3	QQGGFSAQPWDWAFYAEQVR	20
PPUB+2680	Proteomics_pub	3053637	3053672	+	3	SAQPVDIQIFGR	12
PPUB+2681	Proteomics_pub	3053706	3053744	+	3	DALNQAADDLNQR	13
PPUB+2682	Proteomics_pub	3080112	3080147	+	3	ATIAPANSEYAK	12
PPUB+2683	Proteomics_pub	3080496	3080537	+	3	QEAEADDYSYDLLR	14
PPUB+2684	Proteomics_pub	3080544	3080582	+	3	GISPAGLATSFEK	13
PPUB+2685	Proteomics_pub	3084737	3084781	+	2	HLFTSESVSEGHDPK	15
PPUB+2686	Proteomics_pub	3084782	3084838	+	2	IADQISDAVLDAILEQDPK	19
PPUB+2687	Proteomics_pub	3084845	3084868	+	2	VACETYVK	8
PPUB+2688	Proteomics_pub	3085022	3085054	+	2	QSPDINQGVDR	11
PPUB+2689	Proteomics_pub	3085055	3085159	+	2	ADPLEQGAGDQGLMFGYATNETDVLMPAPITYAHR	35
PPUB+2690	Proteomics_pub	3085226	3085258	+	2	SQVTFQYDDGK	11
PPUB+2691	Proteomics_pub	3085259	3085318	+	2	IVGIDAVVLSTQHSEEIDQK	20
PPUB+2692	Proteomics_pub	3085319	3085393	+	2	SLQEAVMEEIIPILPAEWLTSATK	25
PPUB+2693	Proteomics_pub	3085394	3085417	+	2	FFINPTGR	8
PPUB+2694	Proteomics_pub	3085418	3085462	+	2	FVIGGPMGDCGLTGR	15
PPUB+2695	Proteomics_pub	3085418	3085465	+	2	FVIGGPMGDCGLTGRK	16
PPUB+2696	Proteomics_pub	3085463	3085498	+	2	KIIVDTYGGMAR	12
PPUB+2697	Proteomics_pub	3085466	3085498	+	2	IIVDTYGGMAR	11
PPUB+2698	Proteomics_pub	3085499	3085525	+	2	HGGGAFSGK	9
PPUB+2699	Proteomics_pub	3085499	3085537	+	2	HGGGAFSGKDPSK	13
PPUB+2700	Proteomics_pub	3085580	3085609	+	2	NIVAAGLADR	10
PPUB+2701	Proteomics_pub	3085688	3085720	+	2	VPSEQLTLLVR	11
PPUB+2702	Proteomics_pub	3085787	3085816	+	2	ETAAYGHFGR	10
PPUB+2703	Proteomics_pub	3089909	3089950	+	2	LGIVMDPIANINIK	14
PPUB+2704	Proteomics_pub	3089909	3089953	+	2	LGIVMDPIANINIKK	15
PPUB+2705	Proteomics_pub	3089954	3089989	+	2	DSSFAMLLAQR	12
PPUB+2706	Proteomics_pub	3090224	3090259	+	2	GTLIVNKPQSLR	12
PPUB+2707	Proteomics_pub	3090359	3090415	+	2	HSDIILKPLDGMGGASIFR	19
PPUB+2708	Proteomics_pub	3090416	3090478	+	2	VKEGDPNLGVIAETLTHEGTR	21
PPUB+2709	Proteomics_pub	3090422	3090478	+	2	EGDPNLGVIAETLTHEGTR	19
PPUB+2710	Proteomics_pub	3090530	3090574	+	2	VLVVDGEPVPYCLAR	15
PPUB+2711	Proteomics_pub	3090575	3090598	+	2	IPQGGETR	8
PPUB+2712	Proteomics_pub	3090695	3090733	+	2	GLIFVGLDIIGDR	13
PPUB+2713	Proteomics_pub	3090734	3090772	+	2	LTEINVTSPICIR	13
PPUB+2714	Proteomics_pub	3091205	3091252	+	2	GFILHTPPSNFASSIR	16
PPUB+2715	Proteomics_pub	3091253	3091285	+	2	ISDNTVMTTSR	11
PPUB+2716	Proteomics_pub	3091472	3091519	+	2	LIGVDILTMPGVAGHA	16
PPUB+2717	Proteomics_pub	3093120	3093155	+	3	MNDIAHNLAQVR	12

PPUB+2718	Proteomics_pub	3093192	3093227	+	3	SPEITLLAVSK	12
PPUB+2719	Proteomics_pub	3093228	3093275	+	3	TKPASAIAEAIDAGQR	16
PPUB+2720	Proteomics_pub	3093276	3093314	+	3	QFGENYVQEGVDK	13
PPUB+2721	Proteomics_pub	3093603	3093644	+	3	GLMAIPAPESEYVR	14
PPUB+2722	Proteomics_pub	3093780	3093806	+	3	IGTAIFGAR	9
PPUB+2723	Proteomics_pub	3094712	3094741	+	2	VVLATGNVVK	10
PPUB+2724	Proteomics_pub	3095141	3095203	+	2	EPAGTGGFGYDPIFFVPSEGK	21
PPUB+2725	Proteomics_pub	3102124	3102150	+	1	TIFCTFLQR	9
PPUB+2726	Proteomics_pub	3102151	3102198	+	1	EAEGQDFQLYPGELGK	16
PPUB+2727	Proteomics_pub	3102223	3102249	+	1	EAWAQWQHK	9
PPUB+2728	Proteomics_pub	3102274	3102303	+	1	KLNMMNAEHR	10
PPUB+2729	Proteomics_pub	3102307	3102348	+	1	LLEQEMVNFLFEGK	14
PPUB+2730	Proteomics_pub	3153377	3153409	+	2	MNNFNLHTPTR	11
PPUB+2731	Proteomics_pub	3153470	3153502	+	2	VLITYGGGSVK	11
PPUB+2732	Proteomics_pub	3153503	3153541	+	2	KTGVLDQVLDALK	13
PPUB+2733	Proteomics_pub	3153506	3153541	+	2	TGVLDQVLDALK	12
PPUB+2734	Proteomics_pub	3153683	3153751	+	2	FIAAAAANYPENIDPWHILQTGGK	23
PPUB+2735	Proteomics_pub	3154067	3154099	+	2	ALKEPENYDVR	11
PPUB+2736	Proteomics_pub	3154076	3154099	+	2	EPENYDVR	8
PPUB+2737	Proteomics_pub	3154307	3154369	+	2	VWNITEGSDDERIDAAIAATR	21
PPUB+2738	Proteomics_pub	3156724	3156765	+	1	IDQLSSDVQTLNAK	14
PPUB+2739	Proteomics_pub	3159899	3159922	+	2	EQAGIPDR	8
PPUB+2740	Proteomics_pub	3170873	3170902	+	2	YGSGLVQVK	10
PPUB+2741	Proteomics_pub	3170906	3170956	+	2	YMLSLTWNAPMEAFTEK	17
PPUB+2742	Proteomics_pub	3171431	3171457	+	2	GDVLEMNIR	9
PPUB+2743	Proteomics_pub	3176719	3176751	+	1	NNLDNAVEQLR	11
PPUB+2744	Proteomics_pub	3176809	3176844	+	1	TDKQPVNALLK	12
PPUB+2745	Proteomics_pub	3176917	3176997	+	1	QAQDGHLPDLTASTGISDTSYSGSK	27
PPUB+2746	Proteomics_pub	3177052	3177111	+	1	VGLSFLPIYQGGMVNSQVK	20
PPUB+2747	Proteomics_pub	3177112	3177165	+	1	QAQYNFVGASEQLESAHR	18
PPUB+2748	Proteomics_pub	3177187	3177237	+	1	SSFNNINASSINAYK	17
PPUB+2749	Proteomics_pub	3177304	3177351	+	1	TIVDVLDTTTLYNAK	16
PPUB+2750	Proteomics_pub	3177373	3177405	+	1	YNYLINQLNIK	11
PPUB+2751	Proteomics_pub	3177580	3177615	+	1	TTTNGHNPFNR	12
PPUB+2752	Proteomics_pub	3199307	3199339	+	2	YVDELNTWVR	11
PPUB+2753	Proteomics_pub	3199511	3199537	+	2	VPDLENQVK	9
PPUB+2754	Proteomics_pub	3199553	3199585	+	2	LTNIDNTWNQR	11
PPUB+2755	Proteomics_pub	3208818	3208853	+	3	VRENEPFDVALR	12
PPUB+2756	Proteomics_pub	3208824	3208853	+	3	ENEFPDVALR	10
PPUB+2757	Proteomics_pub	3208866	3208901	+	3	SCEKAGVLAEVR	12
PPUB+2758	Proteomics_pub	3208905	3208937	+	3	REFYEKPTTER	11
PPUB+2759	Proteomics_pub	3208908	3208937	+	3	EFYEKPTTER	10
PPUB+2760	Proteomics_pub	3208908	3208940	+	3	EFYEKPTTERK	11
PPUB+2761	Proteomics_pub	3211378	3211407	+	1	EMGTVELLTR	10
PPUB+2762	Proteomics_pub	3211789	3211821	+	1	SHATAQEEILK	11
PPUB+2763	Proteomics_pub	3211861	3211890	+	1	QFDYLVNSMR	10

PPUB+2764	Proteomics_pub	3211936	3211956	+	1	LCVEQCK	7
PPUB+2765	Proteomics_pub	3212056	3212085	+	1	LHDVSEEVHR	10
PPUB+2766	Proteomics_pub	3212098	3212145	+	1	LQQIEEETGLTIEQVK	16
PPUB+2767	Proteomics_pub	3212260	3212310	+	1	GLQFLDLIQEGNIGLMK	17
PPUB+2768	Proteomics_pub	3212422	3212454	+	1	IPVHMIETINK	11
PPUB+2769	Proteomics_pub	3212473	3212526	+	1	QMLQEMGREPTPEELAER	18
PPUB+2770	Proteomics_pub	3212497	3212526	+	1	EPTPEELAER	10
PPUB+2771	Proteomics_pub	3212692	3212730	+	1	AATHDVLAGLTAR	13
PPUB+2772	Proteomics_pub	3215335	3215370	+	1	VNQSDISDAQIK	12
PPUB+2773	Proteomics_pub	3247400	3247429	+	2	SKEHTTEHLR	10
PPUB+2774	Proteomics_pub	3247442	3247489	+	2	SLSDTLEEVLSSSGEK	16
PPUB+2775	Proteomics_pub	3247556	3247585	+	2	LGETGDIAIK	10
PPUB+2776	Proteomics_pub	3277305	3277376	+	3	IHLDASMSCAGDPIPLAPETVAER	24
PPUB+2777	Proteomics_pub	3277788	3277817	+	3	VGPALTFALR	10
PPUB+2778	Proteomics_pub	3281822	3281848	+	2	RTIELGVTK	9
PPUB+2779	Proteomics_pub	3291608	3291634	+	2	INWQLLAIR	9
PPUB+2780	Proteomics_pub	3291761	3291793	+	2	DFAGAQNLLAK	11
PPUB+2781	Proteomics_pub	3291794	3291832	+	2	ITPADLEQNQQAR	13
PPUB+2782	Proteomics_pub	3291848	3291889	+	2	IDASQGRPSIDLLR	14
PPUB+2783	Proteomics_pub	3291890	3291925	+	2	ALIAQEPLLGAK	12
PPUB+2784	Proteomics_pub	3292244	3292273	+	2	TIQQGFEEAK	10
PPUB+2785	Proteomics_pub	3292613	3292669	+	2	SNTPLNLVLLALNQPENIENR	19
PPUB+2786	Proteomics_pub	3292826	3292855	+	2	LGGGTVLQVK	10
PPUB+2787	Proteomics_pub	3293135	3293167	+	2	SAQGTAGPDFR	11
PPUB+2788	Proteomics_pub	3294548	3294589	+	2	SVGTQVDDGTLEVR	14
PPUB+2789	Proteomics_pub	3294638	3294664	+	2	INVTAYQVK	9
PPUB+2790	Proteomics_pub	3294665	3294709	+	2	VLLVGQSPNAELSAR	15
PPUB+2791	Proteomics_pub	3294767	3294823	+	2	QQQPIGLGEASNDTWITTK	19
PPUB+2792	Proteomics_pub	3316836	3316865	+	3	AMEYGAENAR	10
PPUB+2793	Proteomics_pub	3316980	3317015	+	3	AVTGTMLVAAMK	12
PPUB+2794	Proteomics_pub	3317226	3317273	+	3	AYSTDSNMLGATHEAK	16
PPUB+2795	Proteomics_pub	3317274	3317303	+	3	DLEYLNSSVK	10
PPUB+2796	Proteomics_pub	3317352	3317378	+	3	IPAEVTVR	9
PPUB+2797	Proteomics_pub	3317415	3317456	+	3	TFSDDVEMMLEANR	14
PPUB+2798	Proteomics_pub	3317469	3317504	+	3	HGLGMSDQIENR	12
PPUB+2799	Proteomics_pub	3317664	3317693	+	3	WFDSQALMLR	10
PPUB+2800	Proteomics_pub	3317832	3317861	+	3	GDSVFSPDDR	10
PPUB+2801	Proteomics_pub	3317931	3317993	+	3	TGLSSSAASGVPQVENLENK	21
PPUB+2802	Proteomics_pub	3326016	3326051	+	3	ETGACNVQVIGK	12
PPUB+2803	Proteomics_pub	3326052	3326078	+	3	TLVLYRPTK	9
PPUB+2804	Proteomics_pub	3332086	3332121	+	1	AFQMMTSLGSLK	12
PPUB+2805	Proteomics_pub	3332335	3332406	+	1	YLGTAFLIDDDLLDYNADGEQLGK	24
PPUB+2806	Proteomics_pub	3340304	3340360	+	2	AGASLATCYGPVSADVIAK	19
PPUB+2807	Proteomics_pub	3340601	3340630	+	2	LIAFSDLLEK	10
PPUB+2808	Proteomics_pub	3340700	3340750	+	2	VGLSVAVADAHPLLIPTK	17
PPUB+2809	Proteomics_pub	3342050	3342091	+	2	GAIVGIIPNGAGK	14

PPUB+2810	Proteomics_pub	3342518	3342559	+	2	DSGLGVLITDHNVR	14
PPUB+2811	Proteomics_pub	3342662	3342688	+	2	VYLGEDFRL	9
PPUB+2812	Proteomics_pub	3344195	3344245	+	2	MQLNITGNNVEITEALR	17
PPUB+2813	Proteomics_pub	3344687	3344722	+	2	RALEIISELAAK	12
PPUB+2814	Proteomics_pub	3344690	3344722	+	2	ALEIISELAAK	11
PPUB+2815	Proteomics_pub	3344723	3344770	+	2	QLSLPPQVVFEAILTR	16
PPUB+2816	Proteomics_pub	3345023	3345088	+	2	AAQSDEELYQIITDEGTPDEA	22
PPUB+2817	Proteomics_pub	3352897	3352938	+	1	TGDGCGLLLQKPDR	14
PPUB+2818	Proteomics_pub	3352897	3352947	+	1	TGDGCGLLLQKPDRFFR	17
PPUB+2819	Proteomics_pub	3352984	3353016	+	1	NYAVGMLFLNK	11
PPUB+2820	Proteomics_pub	3353071	3353097	+	1	ETLSIVGWR	9
PPUB+2821	Proteomics_pub	3353155	3353199	+	1	IEQIFVNAPAGWRPR	15
PPUB+2822	Proteomics_pub	3353308	3353337	+	1	GLCMPTDLPR	10
PPUB+2823	Proteomics_pub	3353338	3353364	+	1	FYLDLADLR	9
PPUB+2824	Proteomics_pub	3353365	3353397	+	1	LESAICLFHQK	11
PPUB+2825	Proteomics_pub	3353398	3353421	+	1	FSTNTVPR	8
PPUB+2826	Proteomics_pub	3353422	3353445	+	1	WPLAQPFK	8
PPUB+2827	Proteomics_pub	3353446	3353490	+	1	YLAHNGEINTITGNR	15
PPUB+2828	Proteomics_pub	3353653	3353706	+	1	LLVPPAWQNNPMDPELR	18
PPUB+2829	Proteomics_pub	3353782	3353805	+	1	FAACNLDR	8
PPUB+2830	Proteomics_pub	3353917	3353952	+	1	VGPGLMVIDTR	12
PPUB+2831	Proteomics_pub	3353962	3353997	+	1	ILHSAETDDDLK	12
PPUB+2832	Proteomics_pub	3354088	3354123	+	1	ELDDDTLASYQK	12
PPUB+2833	Proteomics_pub	3354124	3354165	+	1	QFNYSAEELDSVIR	14
PPUB+2834	Proteomics_pub	3354313	3354351	+	1	EAHVMSLATSIGR	13
PPUB+2835	Proteomics_pub	3354406	3354435	+	1	SPILLYSDFK	10
PPUB+2836	Proteomics_pub	3354529	3354552	+	1	ELCDKAEK	8
PPUB+2837	Proteomics_pub	3354562	3354594	+	1	SGTVLLVLSDR	11
PPUB+2838	Proteomics_pub	3354607	3354657	+	1	DRLPVPAPMAVGAIQTR	17
PPUB+2839	Proteomics_pub	3354679	3354717	+	1	CDANIIIVETASAR	13
PPUB+2840	Proteomics_pub	3354799	3354825	+	1	LVDTHAIK	9
PPUB+2841	Proteomics_pub	3354895	3354924	+	1	MGISTIASYR	10
PPUB+2842	Proteomics_pub	3355000	3355053	+	1	IGGASFEDFQQDLLNLSK	18
PPUB+2843	Proteomics_pub	3355072	3355101	+	1	KPISQGGLLK	10
PPUB+2844	Proteomics_pub	3355150	3355206	+	1	TLQQAVQSGEYSYQYAK	19
PPUB+2845	Proteomics_pub	3355489	3355539	+	1	FGVTPAYLVNADVIQIK	17
PPUB+2846	Proteomics_pub	3355540	3355590	+	1	VAQGAKPGEQQLPQDK	17
PPUB+2847	Proteomics_pub	3355744	3355791	+	1	LVSEPGVGTIATGVAK	16
PPUB+2848	Proteomics_pub	3355792	3355863	+	1	AYADLITIAGYDGGTGASPLSSVK	24
PPUB+2849	Proteomics_pub	3356065	3356115	+	1	ICHLNNCATGVATQDDK	17
PPUB+2850	Proteomics_pub	3356152	3356181	+	1	VTNYFEFIAR	10
PPUB+2851	Proteomics_pub	3356191	3356220	+	1	ELMAQLGVTR	10
PPUB+2852	Proteomics_pub	3356305	3356337	+	1	LLETAEPHPGK	11
PPUB+2853	Proteomics_pub	3356440	3356460	+	1	TFWFDIR	7
PPUB+2854	Proteomics_pub	3356473	3356547	+	1	SVGASLSGYIAQTHGDQGLAADPIK	25
PPUB+2855	Proteomics_pub	3356647	3356700	+	1	GMAGGLIAIRPPVGSFR	18

PPUB+2856	Proteomics_pub	3356701	3356757	+	1	SHEASIIGNTCLYGATGGR	19
PPUB+2857	Proteomics_pub	3357031	3357072	+	1	GLITEHVQHTGSQR	14
PPUB+2858	Proteomics_pub	3357073	3357114	+	1	GEEILANWSTFATK	14
PPUB+2859	Proteomics_pub	3357223	3357258	+	1	SQNVYQFIDLQR	12
PPUB+2860	Proteomics_pub	3357292	3357342	+	1	KIEFVEIYEPFSEGQAK	17
PPUB+2861	Proteomics_pub	3357448	3357507	+	1	IFEAAELSHQTNTLPEVCGR	20
PPUB+2862	Proteomics_pub	3357607	3357648	+	1	AFEMGWRPDMSGVK	14
PPUB+2863	Proteomics_pub	3357958	3358026	+	1	GLENEDADGVYAALPFLIANTK	23
PPUB+2864	Proteomics_pub	3358054	3358083	+	1	DEPFVSMEGK	10
PPUB+2865	Proteomics_pub	3358087	3358131	+	1	VVVLGGGDTAMDCVR	15
PPUB+2866	Proteomics_pub	3358156	3358176	+	1	HVTCAYR	7
PPUB+2867	Proteomics_pub	3358180	3358206	+	1	DEENMPGSR	9
PPUB+2868	Proteomics_pub	3358453	3358482	+	1	HSVELDSQGR	10
PPUB+2869	Proteomics_pub	3358483	3358533	+	1	IIAPEGSDNAFQTSNPK	17
PPUB+2870	Proteomics_pub	3358534	3358560	+	1	IFAGGDIVR	9
PPUB+2871	Proteomics_pub	3358561	3358599	+	1	GSDLVVTAIAEGR	13
PPUB+2872	Proteomics_pub	3379068	3379112	+	3	GYVLTNNHVINQAQK	15
PPUB+2873	Proteomics_pub	3379254	3379337	+	3	VGDYTVAIIGNPFGLGETVTSGIVSALGR	28
PPUB+2874	Proteomics_pub	3379338	3379397	+	3	SGLNAENYENFIQTDAAINR	20
PPUB+2875	Proteomics_pub	3379521	3379559	+	3	TLAQLIDFGEIK	13
PPUB+2876	Proteomics_pub	3379560	3379610	+	3	RGELGIMGTELNSELAK	17
PPUB+2877	Proteomics_pub	3379635	3379679	+	3	GAFVSQLPNSAASK	15
PPUB+2878	Proteomics_pub	3379635	3379679	+	3	GAFVSEVLPGSGSAK	15
PPUB+2879	Proteomics_pub	3379692	3379751	+	3	AGDVITSLNGKPISSFAALR	20
PPUB+2880	Proteomics_pub	3380486	3380530	+	2	GYVLTNNHVINQAQK	15
PPUB+2881	Proteomics_pub	3380672	3380755	+	2	VGDYTVAIIGNPFGLGETVTSGIVSALGR	28
PPUB+2882	Proteomics_pub	3397425	3397463	+	3	YADSVSMTLSWQR	13
PPUB+2883	Proteomics_pub	3402013	3402045	+	1	LGYQVAVSQR	11
PPUB+2884	Proteomics_pub	3402349	3402393	+	1	LVADLPESFYTQAAK	15
PPUB+2885	Proteomics_pub	3403482	3403550	+	3	LIELVEESGISELEISEGEEESVR	23
PPUB+2886	Proteomics_pub	3403710	3403736	+	3	SPMVGTfYR	9
PPUB+2887	Proteomics_pub	3403866	3403925	+	3	AILVESGQPVEFDEPLVIE	20
PPUB+2888	Proteomics_pub	3404020	3404049	+	1	TVAVHSSADR	10
PPUB+2889	Proteomics_pub	3404020	3404058	+	1	TVAVHSSADRDLK	13
PPUB+2890	Proteomics_pub	3404059	3404112	+	1	HVLLADETVICIGPAPSVK	18
PPUB+2891	Proteomics_pub	3404230	3404256	+	1	SGFIFIGPK	9
PPUB+2892	Proteomics_pub	3404230	3404271	+	1	SGFIFIGPKAETIR	14
PPUB+2893	Proteomics_pub	3404314	3404370	+	1	AGVPCVPGSDGPLGDDMDK	19
PPUB+2894	Proteomics_pub	3404389	3404415	+	1	RIGYPVIIK	9
PPUB+2895	Proteomics_pub	3404458	3404496	+	1	GDAELAQSISMTR	13
PPUB+2896	Proteomics_pub	3404509	3404544	+	1	AAFSNDMVYMEK	12
PPUB+2897	Proteomics_pub	3404563	3404622	+	1	HVEIQVLADGQGNAIYLAER	20
PPUB+2898	Proteomics_pub	3404653	3404697	+	1	VVEEAPAPGITPELR	15
PPUB+2899	Proteomics_pub	3404653	3404700	+	1	VVEEAPAPGITPELRR	16
PPUB+2900	Proteomics_pub	3404725	3404748	+	1	ACVDIGYR	8
PPUB+2901	Proteomics_pub	3404815	3404868	+	1	IQVEHPVTEMITGVDLIK	18

PPUB+2902	Proteomics_pub	3404881	3404910	+	1	IAAGQPLSIK	10
PPUB+2903	Proteomics_pub	3404881	3404931	+	1	IAAGQPLSIKQEEVHVR	17
PPUB+2904	Proteomics_pub	3404953	3404997	+	1	INAEDPNTFLPSPGK	15
PPUB+2905	Proteomics_pub	3405007	3405036	+	1	FHAPGGFGVR	10
PPUB+2906	Proteomics_pub	3405100	3405123	+	1	LICYGENR	8
PPUB+2907	Proteomics_pub	3405148	3405183	+	1	NALQELIIDGIK	12
PPUB+2908	Proteomics_pub	3405208	3405264	+	1	IMNDENFQHGGTNIHYLEK	19
PPUB+2909	Proteomics_pub	3407350	3407382	+	1	IEQLEDKDWER	11
PPUB+2910	Proteomics_pub	3407641	3407685	+	1	AIGIDIDPQAIQASR	15
PPUB+2911	Proteomics_pub	3409308	3409376	+	3	VNSDVLTVSTVNSQDQVTQKPLR	23
PPUB+2912	Proteomics_pub	3409308	3409388	+	3	VNSDVLTVSTVNSQDQVTQKPLRDSVK	27
PPUB+2913	Proteomics_pub	3409401	3409505	+	3	NYFAQLNGQDVNDLYELVLAEEVQPLLDMMVMQYTR	35
PPUB+2914	Proteomics_pub	3409521	3409559	+	3	AALMMGINRGTLR	13
PPUB+2915	Proteomics_pub	3412021	3412059	+	1	TEPLQITTELPGR	13
PPUB+2916	Proteomics_pub	3412129	3412209	+	1	EGSDIEAGVSLYQIDPATYQATYDSAK	27
PPUB+2917	Proteomics_pub	3412765	3412827	+	1	ARLEEGLNPAILVPQQGVTR	21
PPUB+2918	Proteomics_pub	3412771	3412827	+	1	LEEGLNPAILVPQQGVTR	19
PPUB+2919	Proteomics_pub	3413733	3413771	+	3	GQQLNASIIAQTR	13
PPUB+2920	Proteomics_pub	3413931	3413975	+	3	LATGANALDTAAAIR	15
PPUB+2921	Proteomics_pub	3413991	3414020	+	3	MEPFFPSGLK	10
PPUB+2922	Proteomics_pub	3414672	3414725	+	3	YLLIYALIVAGMVLFLR	18
PPUB+2923	Proteomics_pub	3415917	3415958	+	3	EGKGVVEATLMAVR	14
PPUB+2924	Proteomics_pub	3420878	3420922	+	2	AHHYPSELSSGGQQQR	15
PPUB+2925	Proteomics_pub	3420887	3420922	+	2	YPLHLSSGGQQQR	12
PPUB+2926	Proteomics_pub	3431715	3431750	+	3	SVLQVLHIPDER	12
PPUB+2927	Proteomics_pub	3431757	3431801	+	3	KVAKPVEEVNAEIQR	15
PPUB+2928	Proteomics_pub	3431760	3431801	+	3	VAKPVEEVNAEIQR	14
PPUB+2929	Proteomics_pub	3431922	3431954	+	3	LVLINPELLEK	11
PPUB+2930	Proteomics_pub	3431955	3432005	+	3	SGETGIEEGCLSIPEQR	17
PPUB+2931	Proteomics_pub	3432135	3432164	+	3	LFMDYLSPLK	10
PPUB+2932	Proteomics_pub	3432254	3432289	+	2	IIFAGTPDFAAR	12
PPUB+2933	Proteomics_pub	3432290	3432364	+	2	HLDALLSSGHNVVGVFTQPDRPAGR	25
PPUB+2934	Proteomics_pub	3432548	3432586	+	2	LGCINVHGSLLPR	13
PPUB+2935	Proteomics_pub	3432698	3432748	+	2	LSCPITAEDTSGTLYDK	17
PPUB+2936	Proteomics_pub	3432749	3432790	+	2	LAELGPQGLITTLK	14
PPUB+2937	Proteomics_pub	3432791	3432856	+	2	QLADGTAKPEVQDETLVTYAEK	22
PPUB+2938	Proteomics_pub	3432878	3432913	+	2	IDWSLSAAQLER	12
PPUB+2939	Proteomics_pub	3432986	3433045	+	2	ASVIDTATNAAPGTILEANK	20
PPUB+2940	Proteomics_pub	3433046	3433111	+	2	QGIVQVATGDGILNLLSLQPAGK	22
PPUB+2941	Proteomics_pub	3433115	3433147	+	2	AMSAQDLLNSR	11
PPUB+2942	Proteomics_pub	3433151	3433174	+	2	EWFPVGNR	8
PPUB+2943	Proteomics_pub	3433784	3433822	+	2	DSWLALLDEAGMK	13
PPUB+2944	Proteomics_pub	3434456	3434503	+	2	QNLPGAEEGDGFFYAK	16
PPUB+2945	Proteomics_pub	3479695	3479775	+	1	AASLLHGLGFSNEQLERPVSDFSGGWR	27
PPUB+2946	Proteomics_pub	3479881	3479928	+	1	FLHDFEGTVVAITHDR	16
PPUB+2947	Proteomics_pub	3480511	3480537	+	1	LAPQELEQK	9

PPUB+2948	Proteomics_pub	3480712	3480771	+	1	ALENALLEFPGCAMVISHDR	20
PPUB+2949	Proteomics_pub	3484223	3484249	+	2	STLIHQGEK	9
PPUB+2950	Proteomics_pub	3484250	3484276	+	2	AETLYYIVK	9
PPUB+2951	Proteomics_pub	3484277	3484315	+	2	GSVAVLIKDEEGK	13
PPUB+2952	Proteomics_pub	3484412	3484444	+	2	TACEVAEISYK	11
PPUB+2953	Proteomics_pub	3484412	3484447	+	2	TACEVAEISYKK	12
PPUB+2954	Proteomics_pub	3484448	3484489	+	2	FRQLIQVNPDI LMR	14
PPUB+2955	Proteomics_pub	3484454	3484489	+	2	QLIQVNPDI LMR	12
PPUB+2956	Proteomics_pub	3484535	3484570	+	2	VGNLAFLDVTGR	12
PPUB+2957	Proteomics_pub	3484571	3484600	+	2	IAQTLNLAK	10
PPUB+2958	Proteomics_pub	3484652	3484684	+	2	QEIGQIVGCSR	11
PPUB+2959	Proteomics_pub	3484709	3484747	+	2	MLEDQNLISAHGK	13
PPUB+2960	Proteomics_pub	3521133	3521159	+	3	AFIATEDSR	9
PPUB+2961	Proteomics_pub	3522249	3522275	+	3	FN RATQALR	9
PPUB+2962	Proteomics_pub	3527823	3527849	+	3	YLFENFAVR	9
PPUB+2963	Proteomics_pub	3527922	3527975	+	3	NVLAELLVATSLLTATLK	18
PPUB+2964	Proteomics_pub	3528075	3528110	+	3	VQGEIPENADLK	12
PPUB+2965	Proteomics_pub	3528111	3528167	+	3	TLVGNQYVVITITPSEGER	19
PPUB+2966	Proteomics_pub	3528384	3528428	+	3	TEELLTLPANEVLWR	15
PPUB+2967	Proteomics_pub	3528429	3528482	+	3	LYHEEEVTVYDPQDVEFK	18
PPUB+2968	Proteomics_pub	3528639	3528671	+	3	NNASPADPQVH	11
PPUB+2969	Proteomics_pub	3530978	3531034	+	2	GVLTNLGAVAVDTGIFTGR	19
PPUB+2970	Proteomics_pub	3531077	3531100	+	2	DTFWWADK	8
PPUB+2971	Proteomics_pub	3531107	3531157	+	2	GKNDNKPLSPETWQH LK	17
PPUB+2972	Proteomics_pub	3531113	3531157	+	2	NDNKPLSPETWQH LK	15
PPUB+2973	Proteomics_pub	3531188	3531235	+	2	RLFVVDAFCGANPDTR	16
PPUB+2974	Proteomics_pub	3531191	3531235	+	2	LFVVDAFCGANPDTR	15
PPUB+2975	Proteomics_pub	3531248	3531286	+	2	FITEVAWQAHFVK	13
PPUB+2976	Proteomics_pub	3531383	3531433	+	2	EQGLNSENFVAFNLTER	17
PPUB+2977	Proteomics_pub	3531434	3531475	+	2	MQLIGGTWYGGEMK	14
PPUB+2978	Proteomics_pub	3531518	3531559	+	2	GIASMHC SANVGEK	14
PPUB+2979	Proteomics_pub	3531722	3531754	+	2	EAEPEIYN AIR	11
PPUB+2980	Proteomics_pub	3531722	3531757	+	2	EAEPEIYN AIRR	12
PPUB+2981	Proteomics_pub	3531758	3531787	+	2	DALLENVTVR	10
PPUB+2982	Proteomics_pub	3531788	3531823	+	2	EDGTIDFDDGSK	12
PPUB+2983	Proteomics_pub	3531908	3531958	+	2	VIFLTADAFGVLPPVSR	17
PPUB+2984	Proteomics_pub	3531959	3532009	+	2	LTADQTQYHFLSGFTAK	17
PPUB+2985	Proteomics_pub	3532028	3532120	+	2	GITEPTPTFSACFGAAFLSLHPTQYAEVLVK	31
PPUB+2986	Proteomics_pub	3532121	3532183	+	2	RMQAAGAQA YLVNTGWNGTGK	21
PPUB+2987	Proteomics_pub	3532331	3532366	+	2	NTYASPEQWQEK	12
PPUB+2988	Proteomics_pub	3532385	3532408	+	2	LFIDNFDK	8
PPUB+2989	Proteomics_pub	3532409	3532456	+	2	YTDTPAGAAALVAAGPK	16
PPUB+2990	Proteomics_pub	3532409	3532459	+	2	YTDTPAGAAALVAAGPKL	17
PPUB+2991	Proteomics_pub	3535431	3535484	+	3	IIAGEIQARPEQVDA AVR	18
PPUB+2992	Proteomics_pub	3535485	3535523	+	3	LLDEGNTVPFIAR	13
PPUB+2993	Proteomics_pub	3535533	3535568	+	3	EITGGLLDDTQLR	12

PPUB+2994	Proteomics_pub	3535698	3535736	+	3	TELEDLYLPYKPK	13
PPUB+2995	Proteomics_pub	3535914	3535943	+	3	FAEDAALLAK	10
PPUB+2996	Proteomics_pub	3535914	3535949	+	3	FAEDAALLAKVR	12
PPUB+2997	Proteomics_pub	3535965	3536018	+	3	NAHLVSTVVSGKEEGAK	18
PPUB+2998	Proteomics_pub	3536091	3536156	+	3	GRNEGLVQLSLNADPQFDEPPK	22
PPUB+2999	Proteomics_pub	3536202	3536231	+	3	LNNAPADSWR	10
PPUB+3000	Proteomics_pub	3536346	3536387	+	3	NLHDLLMAAPAGLR	14
PPUB+3001	Proteomics_pub	3536457	3536504	+	3	LVATDTIYPHTGQAAK	16
PPUB+3002	Proteomics_pub	3536796	3536849	+	3	SIGVGQYQHDVSTQLAR	18
PPUB+3003	Proteomics_pub	3537042	3537071	+	3	AFEQCAGFLR	10
PPUB+3004	Proteomics_pub	3537072	3537140	+	3	INHGDNPLDASTVHPEAYPVVER	23
PPUB+3005	Proteomics_pub	3537384	3537464	+	3	NLTDYGAFFVDLGGVDGLLHITDMAWKR	27
PPUB+3006	Proteomics_pub	3537567	3537599	+	3	LDEQPGETNAR	11
PPUB+3007	Proteomics_pub	3538477	3538509	+	1	TTLFNQLTGSR	11
PPUB+3008	Proteomics_pub	3539665	3539688	+	1	TLDAPRER	8
PPUB+3009	Proteomics_pub	3543655	3543687	+	1	ISDAAQAHFAC	11
PPUB+3010	Proteomics_pub	3543688	3543723	+	1	LLANQEEGTQIR	12
PPUB+3011	Proteomics_pub	3543724	3543816	+	1	VFVINPGTPNAECGVSYPDAVEATDTALK	31
PPUB+3012	Proteomics_pub	3543943	3543975	+	1	KVADDAPLMER	11
PPUB+3013	Proteomics_pub	3543946	3543975	+	1	VADDAPLMER	10
PPUB+3014	Proteomics_pub	3543976	3544032	+	1	VEYMLQSQINPQLAGHGGR	19
PPUB+3015	Proteomics_pub	3544141	3544170	+	1	QLLNEFPKELK	10
PPUB+3016	Proteomics_pub	3545298	3545324	+	3	AIAEMILPK	9
PPUB+3017	Proteomics_pub	3560198	3560221	+	2	YLEHYEFR	8
PPUB+3018	Proteomics_pub	3560486	3560518	+	2	LVLANAQMVVR	11
PPUB+3019	Proteomics_pub	3560636	3560668	+	2	GLVNATGPWVK	11
PPUB+3020	Proteomics_pub	3560765	3560797	+	2	QAYILQNEDEK	11
PPUB+3021	Proteomics_pub	3561068	3561097	+	2	APLLSVFGGK	10
PPUB+3022	Proteomics_pub	3561182	3561238	+	2	ESVLPGGAIEGDRDDYAAR	19
PPUB+3023	Proteomics_pub	3608125	3608169	+	1	LSFSLPADMTDQSGK	15
PPUB+3024	Proteomics_pub	3608170	3608223	+	1	LGTQANNMHVWSDATGQK	18
PPUB+3025	Proteomics_pub	3608302	3608337	+	1	SRDPQLQVVTNK	12
PPUB+3026	Proteomics_pub	3608362	3608394	+	1	MQQLDSIIIAK	11
PPUB+3027	Proteomics_pub	3616291	3616359	+	1	ALAINPDILLMDEAFSALDPLIR	23
PPUB+3028	Proteomics_pub	3636622	3636657	+	1	GMLTTDVESYDK	12
PPUB+3029	Proteomics_pub	3636733	3636762	+	1	MPGVSADDQR	10
PPUB+3030	Proteomics_pub	3638146	3638184	+	1	HILIAVDLSPESK	13
PPUB+3031	Proteomics_pub	3638200	3638232	+	1	AVSMARPYNAC	11
PPUB+3032	Proteomics_pub	3638314	3638433	+	1	RISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK	40
PPUB+3033	Proteomics_pub	3638317	3638433	+	1	ISEETHHALTELSTNAGYPITETLSGSGDLGQVLVDAIK	39
PPUB+3034	Proteomics_pub	3643462	3643497	+	1	HTVQSLIIESLK	12
PPUB+3035	Proteomics_pub	3643579	3643608	+	1	TGEYLEGIAR	10
PPUB+3036	Proteomics_pub	3643693	3643722	+	1	YYPGSPLIAR	10
PPUB+3037	Proteomics_pub	3643918	3643965	+	1	TDYQAVVSGIAEGYKR	16
PPUB+3038	Proteomics_pub	3644430	3644471	+	3	ELGGTCVNVGCVPK	14
PPUB+3039	Proteomics_pub	3644502	3644555	+	3	EAIHMYGPDYGFDTTINK	18

PPUB+3040	Proteomics_pub	3644556	3644585	+	3	FNWETLIASR	10
PPUB+3041	Proteomics_pub	3644604	3644636	+	3	IHTSYENVLGGK	11
PPUB+3042	Proteomics_pub	3644829	3644915	+	3	VAVIGGGNTAVEEALYLSNIASEVHLIHR	29
PPUB+3043	Proteomics_pub	3644934	3645017	+	3	SFDPMISETLVEVMNAEGPQLHTNAIPK	28
PPUB+3044	Proteomics_pub	3645111	3645155	+	3	EPANDNINLEAAGVK	15
PPUB+3045	Proteomics_pub	3645189	3645278	+	3	YQNTNIEGIYAVGDNTGAVELTPVAVAAGR	30
PPUB+3046	Proteomics_pub	3645189	3645281	+	3	YQNTNIEGIYAVGDNTGAVELTPVAVAAGR	31
PPUB+3047	Proteomics_pub	3645402	3645428	+	3	EQYGDDQVK	9
PPUB+3048	Proteomics_pub	3645438	3645479	+	3	SSFTAMYAVTTHR	14
PPUB+3049	Proteomics_pub	3645498	3645524	+	3	LVCVGSEEK	9
PPUB+3050	Proteomics_pub	3645612	3645671	+	3	DFDNTVAIHPTAAEEFVTMR	20
PPUB+3051	Proteomics_pub	3652092	3652145	+	3	SFVAVHNQPGLYVGQQR	18
PPUB+3052	Proteomics_pub	3652308	3652367	+	3	NHFVTILGTIQGEQPGFINK	20
PPUB+3053	Proteomics_pub	3657489	3657569	+	3	EGSDIEAGVSLYQIDPATYQATYDSAK	27
PPUB+3054	Proteomics_pub	3658125	3658187	+	3	ARLEEGLNPAILVPQQGVTR	21
PPUB+3055	Proteomics_pub	3659313	3659357	+	3	LATGANALDAAAIR	15
PPUB+3056	Proteomics_pub	3659997	3660038	+	3	STHHYTDSVGGILR	14
PPUB+3057	Proteomics_pub	3660051	3660104	+	3	YLLIYALIVAGMVVFLR	18
PPUB+3058	Proteomics_pub	3660198	3660233	+	3	VLNEVTHYYLTK	12
PPUB+3059	Proteomics_pub	3677691	3677735	+	3	LPGLYIETDSTGER	15
PPUB+3060	Proteomics_pub	3678264	3678296	+	3	LTGGSAAEDAAK	11
PPUB+3061	Proteomics_pub	3714873	3714986	+	3	SGDNIILNMPNNVTFDSSATLKPAGANTLTGVAMVLK	38
PPUB+3062	Proteomics_pub	3715074	3715124	+	3	ADSVASALITQGVASR	17
PPUB+3063	Proteomics_pub	3715125	3715187	+	3	IRTQGLPANPIASNSTAEGK	21
PPUB+3064	Proteomics_pub	3715131	3715187	+	3	TQGLGANPIASNSTAEGK	19
PPUB+3065	Proteomics_pub	3715200	3715226	+	3	RVEITLSPL	9
PPUB+3066	Proteomics_pub	3715822	3715863	+	1	AHFGFNMPILYNAR	14
PPUB+3067	Proteomics_pub	3716014	3716043	+	1	SSAIFINAGR	10
PPUB+3068	Proteomics_pub	3716044	3716088	+	1	GPVVDENALIAALQK	15
PPUB+3069	Proteomics_pub	3716278	3716304	+	1	NCVNPVHAD	9
PPUB+3070	Proteomics_pub	3718120	3718155	+	1	GFGFITPDDGSK	12
PPUB+3071	Proteomics_pub	3718120	3718155	+	1	GFGFISVPDGGK	12
PPUB+3072	Proteomics_pub	3718120	3718155	+	1	GFGFITPADGSK	12
PPUB+3073	Proteomics_pub	3718120	3718155	+	1	GFGFITPEDGSK	12
PPUB+3074	Proteomics_pub	3718120	3718155	+	1	GFGFITPDDGSK	12
PPUB+3075	Proteomics_pub	3718120	3718155	+	1	GFGFITPKDGSK	12
PPUB+3076	Proteomics_pub	3718156	3718200	+	1	DVVFHFSAIQNDGYK	15
PPUB+3077	Proteomics_pub	3718156	3718200	+	1	DVVFHFSAIQNGGFK	15
PPUB+3078	Proteomics_pub	3718156	3718200	+	1	DVVFHFSAIQTNGFK	15
PPUB+3079	Proteomics_pub	3718201	3718251	+	1	TLAEGQRVEFEITNGAK	17
PPUB+3080	Proteomics_pub	3718222	3718251	+	1	VSFTIESGAK	10
PPUB+3081	Proteomics_pub	3718252	3718281	+	1	GPAAGNVTSL	10
PPUB+3082	Proteomics_pub	3737731	3737763	+	1	TFSLFGDKFTR	11
PPUB+3083	Proteomics_pub	3771384	3771437	+	3	GASPLSAGDVTNDLSHVR	18
PPUB+3084	Proteomics_pub	3771789	3771818	+	3	LGAENIFLGR	10
PPUB+3085	Proteomics_pub	3772038	3772067	+	3	FGEEEDDIAR	10

PPUB+3086	Proteomics_pub	3772924	3773004	+	1	IVPPSASATNDPLEVTVETFSEWIVDK	27
PPUB+3087	Proteomics_pub	3773131	3773154	+	1	LAGHQ TIR	8
PPUB+3088	Proteomics_pub	3773194	3773229	+	1	GAMEESGAVLIK	12
PPUB+3089	Proteomics_pub	3773287	3773322	+	1	FENPYLKDDVER	12
PPUB+3090	Proteomics_pub	3773365	3773412	+	1	LIKPLLGTLEYGLPHK	16
PPUB+3091	Proteomics_pub	3773413	3773451	+	1	NLIEGIAAAMHFR	13
PPUB+3092	Proteomics_pub	3773452	3773502	+	1	SEDDPQAQELAALIADK	17
PPUB+3093	Proteomics_pub	3774748	3774789	+	1	HQQADLSLVEAADK	14
PPUB+3094	Proteomics_pub	3774964	3775002	+	1	GLVVVHPMTALGR	13
PPUB+3095	Proteomics_pub	3783298	3783375	+	1	KPMVLVILDGYGYREEQQDNAIFSAK	26
PPUB+3096	Proteomics_pub	3783340	3783375	+	1	EEQQDNAIFSAK	12
PPUB+3097	Proteomics_pub	3783376	3783459	+	1	TPVMDALWANRPHTLIDASGLEVGLPDR	28
PPUB+3098	Proteomics_pub	3783460	3783507	+	1	QMGNSEVGHVNLGAGR	16
PPUB+3099	Proteomics_pub	3783550	3783597	+	1	DRAFFANPVLTGAVDK	16
PPUB+3100	Proteomics_pub	3783556	3783597	+	1	AFFANPVLTGAVDK	14
PPUB+3101	Proteomics_pub	3783718	3783747	+	1	IYLHAFDGR	10
PPUB+3102	Proteomics_pub	3783817	3783843	+	1	GRVASIIGR	9
PPUB+3103	Proteomics_pub	3783889	3783993	+	1	AYDLLTLAQGEFQADTAVAGLQAAYARDENDEFVK	35
PPUB+3104	Proteomics_pub	3784009	3784071	+	1	AEGQPDAAMEDGDALIFMNR	21
PPUB+3105	Proteomics_pub	3784099	3784134	+	1	AFVNADFDGFAR	12
PPUB+3106	Proteomics_pub	3784375	3784428	+	1	VATYDLQPEMSSAELTEK	18
PPUB+3107	Proteomics_pub	3784531	3784572	+	1	AVEALDHCVEEVAK	14
PPUB+3108	Proteomics_pub	3792061	3792111	+	1	ALNDKGITDILVVDNLK	17
PPUB+3109	Proteomics_pub	3792076	3792111	+	1	GITDILVVDNLK	12
PPUB+3110	Proteomics_pub	3792076	3792123	+	1	GITDILVVDNLKDGTK	16
PPUB+3111	Proteomics_pub	3792271	3792303	+	1	YMMDN NYQYSK	11
PPUB+3112	Proteomics_pub	3792304	3792330	+	1	ELLHYCLER	9
PPUB+3113	Proteomics_pub	3792331	3792378	+	1	EIPFLYASSAATYGGR	16
PPUB+3114	Proteomics_pub	3792403	3792441	+	1	EYEKPLNVYGYSK	13
PPUB+3115	Proteomics_pub	3792442	3792465	+	1	FLFDEYVR	8
PPUB+3116	Proteomics_pub	3792466	3792507	+	1	QILPEANSQIVGFR	14
PPUB+3117	Proteomics_pub	3792508	3792531	+	1	YFNVY GPR	8
PPUB+3118	Proteomics_pub	3792607	3792633	+	1	LFEGSENFK	9
PPUB+3119	Proteomics_pub	3792607	3792636	+	1	LFEGSENFKR	10
PPUB+3120	Proteomics_pub	3792727	3792774	+	1	AESFQAVADATLAYHK	16
PPUB+3121	Proteomics_pub	3792775	3792810	+	1	KGQIEYIPFPDK	12
PPUB+3122	Proteomics_pub	3792778	3792810	+	1	GQIEYIPFPDK	11
PPUB+3123	Proteomics_pub	3792778	3792816	+	1	GQIEYIPFPDKLK	13
PPUB+3124	Proteomics_pub	3792817	3792861	+	1	GRYQAF TQADLTNLR	15
PPUB+3125	Proteomics_pub	3792823	3792861	+	1	YQAF TQADLTNLR	13
PPUB+3126	Proteomics_pub	3792862	3792888	+	1	AAGYDKPKF	9
PPUB+3127	Proteomics_pub	3792889	3792933	+	1	TVAEGVTEYMAWLNR	15
PPUB+3128	Proteomics_pub	3793228	3793266	+	1	SALVPFFAGIPHR	13
PPUB+3129	Proteomics_pub	3793291	3793314	+	1	YGLLNDVR	8
PPUB+3130	Proteomics_pub	3807409	3807435	+	1	QAGLSYITR	9
PPUB+3131	Proteomics_pub	3807700	3807735	+	1	EVSSLLTDADYR	12

PPUB+3132	Proteomics_pub	3811144	3811185	+	1	AAATQHNLEVLASR	14
PPUB+3133	Proteomics_pub	3811789	3811887	+	1	NLDLICANDVVSQPTQGFNSDNNALHLFWQDGDK	33
PPUB+3134	Proteomics_pub	3812000	3812053	+	2	EFPLPTYATSGSAGLDLR	18
PPUB+3135	Proteomics_pub	3812054	3812164	+	2	ACLDDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR	37
PPUB+3136	Proteomics_pub	3812054	3812164	+	2	ACLNDAVELAPGDTTLVPTGLAIHIADPSLAAMMLPR	37
PPUB+3137	Proteomics_pub	3812264	3812299	+	2	GQDSFTIQPGER	12
PPUB+3138	Proteomics_pub	3814876	3814899	+	1	GKVECTLR	8
PPUB+3139	Proteomics_pub	3814957	3814986	+	1	QLVTAANWVK	10
PPUB+3140	Proteomics_pub	3814987	3815031	+	1	MQSDEGEINPVDILR	15
PPUB+3141	Proteomics_pub	3815176	3815205	+	1	LEGVTAEVVK	10
PPUB+3142	Proteomics_pub	3815212	3815244	+	1	SHMPEILQWQR	11
PPUB+3143	Proteomics_pub	3815263	3815298	+	1	LEDAQVQLENNR	12
PPUB+3144	Proteomics_pub	3815263	3815331	+	1	LEDAQVQLENNRLEQELVLLAQR	23
PPUB+3145	Proteomics_pub	3815332	3815376	+	1	IDVAEELDRLEAHVK	15
PPUB+3146	Proteomics_pub	3815419	3815451	+	1	RLDFMMQEFNR	11
PPUB+3147	Proteomics_pub	3815476	3815517	+	1	SINAEVTNSAIELK	14
PPUB+3148	Proteomics_pub	3819454	3819501	+	1	AQGTLYIVSAPSGAGK	16
PPUB+3149	Proteomics_pub	3819529	3819576	+	1	TQPLYDTQVSVSHTTR	16
PPUB+3150	Proteomics_pub	3819808	3819834	+	1	SIFILPPSK	9
PPUB+3151	Proteomics_pub	3819808	3819849	+	1	SIFILPPSKIELDR	14
PPUB+3152	Proteomics_pub	3820132	3820164	+	1	ARVTVQDAVEK	11
PPUB+3153	Proteomics_pub	3820165	3820203	+	1	IGNRFDLVLVAAR	13
PPUB+3154	Proteomics_pub	3820213	3820263	+	1	QMVGKDPPLVPEENDK	17
PPUB+3155	Proteomics_pub	3820234	3820263	+	1	DPLVPEENDK	10
PPUB+3156	Proteomics_pub	3820264	3820329	+	1	TTVIALREIEEGLINNQILDVR	22
PPUB+3157	Proteomics_pub	3820285	3820329	+	1	EIEEGLINNQILDVR	15
PPUB+3158	Proteomics_pub	3820330	3820398	+	1	ERQEQEQEAAELQAVTAIAEGR	23
PPUB+3159	Proteomics_pub	3820336	3820398	+	1	QEQQEQEAAELQAVTAIAEGR	21
PPUB+3160	Proteomics_pub	3820336	3820401	+	1	QEQQEQEAAELQAVTAIAEGR	22
PPUB+3161	Proteomics_pub	3821917	3821952	+	1	KLNEIPQENIQR	12
PPUB+3162	Proteomics_pub	3822490	3822519	+	1	VMPDVIVKTR	10
PPUB+3163	Proteomics_pub	3882365	3882391	+	2	RTFQPSVLK	9
PPUB+3164	Proteomics_pub	3882368	3882394	+	2	TFQPSVLKR	9
PPUB+3165	Proteomics_pub	3883291	3883323	+	1	TDVLDLTINTR	11
PPUB+3166	Proteomics_pub	3883324	3883365	+	1	GGDVEQALLPAYPK	14
PPUB+3167	Proteomics_pub	3883450	3883503	+	1	DGPDNPANGPRPLYNVEK	18
PPUB+3168	Proteomics_pub	3883795	3883845	+	1	YKFDTIADNENLNISSE	17
PPUB+3169	Proteomics_pub	3883801	3883845	+	1	FDTIADNENLNISSE	15
PPUB+3170	Proteomics_pub	3884308	3884337	+	1	ISQEMMALYK	10
PPUB+3171	Proteomics_pub	3886825	3886851	+	1	AYREEAIK	9
PPUB+3172	Proteomics_pub	3886960	3886986	+	1	GDEAYSGSR	9
PPUB+3173	Proteomics_pub	3887017	3887061	+	1	NIFGYQYTIPTHQGR	15
PPUB+3174	Proteomics_pub	3887062	3887097	+	1	GAEQIYIPVLIK	12
PPUB+3175	Proteomics_pub	3887257	3887286	+	1	GNFDLEGLER	10
PPUB+3176	Proteomics_pub	3887407	3887442	+	1	KYDIPVVMDSAR	12
PPUB+3177	Proteomics_pub	3887410	3887442	+	1	YDIPVVMDSAR	11

PPUB+3178	Proteomics_pub	3887443	3887469	+	1	FAENAYFIK	9
PPUB+3179	Proteomics_pub	3887491	3887517	+	1	DWTIEQITR	9
PPUB+3180	Proteomics_pub	3887530	3887559	+	1	YADMLAMSAK	10
PPUB+3181	Proteomics_pub	3887560	3887601	+	1	KDAMVPMGGLLCMK	14
PPUB+3182	Proteomics_pub	3887602	3887637	+	1	DDSFDDVYTECR	12
PPUB+3183	Proteomics_pub	3887638	3887703	+	1	TLCVVQEGFPTYGGLEGGAMER	22
PPUB+3184	Proteomics_pub	3887929	3887961	+	1	AVEIGSFLLGR	11
PPUB+3185	Proteomics_pub	3888103	3888129	+	1	GLTFTYEPK	9
PPUB+3186	Proteomics_pub	3892687	3892719	+	1	LQVVTLGSLR	11
PPUB+3187	Proteomics_pub	3892687	3892722	+	1	LQVVTLGSLRK	12
PPUB+3188	Proteomics_pub	3892951	3892974	+	1	NAIDWLSR	8
PPUB+3189	Proteomics_pub	3892975	3893049	+	1	LPDQPLAGKPVLIQTSSMGVIGGAR	25
PPUB+3190	Proteomics_pub	3925256	3925294	+	2	LGLIEVQAPILSR	13
PPUB+3191	Proteomics_pub	3925295	3925336	+	2	VGDGTQDNLSGCEK	14
PPUB+3192	Proteomics_pub	3925358	3925402	+	2	ALPDAQFEVVHSLAK	15
PPUB+3193	Proteomics_pub	3925412	3925468	+	2	QTLGQHDFSAGEGLYTHMK	19
PPUB+3194	Proteomics_pub	3925493	3925540	+	2	LSPLHSVYVDQWDWER	16
PPUB+3195	Proteomics_pub	3925580	3925612	+	2	STVEAIWAGIK	11
PPUB+3196	Proteomics_pub	3925751	3925789	+	2	DLGAVFLVGGGK	13
PPUB+3197	Proteomics_pub	3925964	3926029	+	2	HQLALTGDEDRLELEWHQALLR	22
PPUB+3198	Proteomics_pub	3926030	3926074	+	2	GEMPQTIGGGIGQSR	15
PPUB+3199	Proteomics_pub	3931383	3931424	+	3	GTVLNSDISSVISR	14
PPUB+3200	Proteomics_pub	3931425	3931478	+	3	LGHTDTLVVCDAGLPIPK	18
PPUB+3201	Proteomics_pub	3931491	3931595	+	3	IDMALTQGVPSFMQVLGVVTNEMQVEAIIAEEIK	35
PPUB+3202	Proteomics_pub	3931704	3931736	+	3	QQTAEQAVIR	11
PPUB+3203	Proteomics_pub	3934451	3934510	+	2	EADKLGYNLVVLD SQNNPAK	20
PPUB+3204	Proteomics_pub	3934463	3934510	+	2	LGYNLVVLD SQNNPAK	16
PPUB+3205	Proteomics_pub	3934511	3934543	+	2	ELANVQDLTVR	11
PPUB+3206	Proteomics_pub	3934553	3934603	+	2	ILLINPTSDAVGNAVK	17
PPUB+3207	Proteomics_pub	3934604	3934645	+	2	MANQANIPVITLDR	14
PPUB+3208	Proteomics_pub	3934646	3934705	+	2	QATKGEVVS HIASDNVLGGK	20
PPUB+3209	Proteomics_pub	3934658	3934705	+	2	GEVVSHIASDNVLGGK	16
PPUB+3210	Proteomics_pub	3934751	3934792	+	2	VIELQGIAGTSAAR	14
PPUB+3211	Proteomics_pub	3934793	3934834	+	2	ERGEFQQAVAAHK	14
PPUB+3212	Proteomics_pub	3934799	3934834	+	2	GEGFQQAVAAHK	12
PPUB+3213	Proteomics_pub	3934835	3934873	+	2	FNVLASQPADFDR	13
PPUB+3214	Proteomics_pub	3934835	3934879	+	2	FNVLASQPADFDR IK	15
PPUB+3215	Proteomics_pub	3934994	3935041	+	2	SDVMVVGFDGTPDGEK	16
PPUB+3216	Proteomics_pub	3935060	3935104	+	2	LAATIAQLPDQIGAK	15
PPUB+3217	Proteomics_pub	3935446	3935475	+	1	GANQAVAAGR	10
PPUB+3218	Proteomics_pub	3935476	3935538	+	1	SGANIAFIAC TGDDSIGESVR	21
PPUB+3219	Proteomics_pub	3935539	3935589	+	1	QQLATDNIDITPVSVIK	17
PPUB+3220	Proteomics_pub	3935710	3935778	+	1	IANASALLMQLESPLSVMAAAK	23
PPUB+3221	Proteomics_pub	3935797	3935829	+	1	TIVALNPAPAR	11
PPUB+3222	Proteomics_pub	3936280	3936321	+	1	ANVSTTTVSHVINK	14
PPUB+3223	Proteomics_pub	3937090	3937128	+	1	YFTPALTTIHQPK	13

PPUB+3224	Proteomics_pub	3946112	3946138	+	2	AESFTTTNR	9
PPUB+3225	Proteomics_pub	3946178	3946219	+	2	HGDFTIKEAQLLER	14
PPUB+3226	Proteomics_pub	3946220	3946255	+	2	HGYAFNELDLGK	12
PPUB+3227	Proteomics_pub	3946220	3946258	+	2	HGYAFNELDLGKR	13
PPUB+3228	Proteomics_pub	3946304	3946336	+	2	GEREPVTEAER	11
PPUB+3229	Proteomics_pub	3946376	3946444	+	2	RFHTLSGGKPQVEGAEDYTDSD	23
PPUB+3230	Proteomics_pub	3946379	3946444	+	2	FHTLSGGKPQVEGAEDYTDSD	22
PPUB+3231	Proteomics_pub	3949760	3949822	+	2	WINSGGLGTMGFGLPAALGVK	21
PPUB+3232	Proteomics_pub	3950714	3950758	+	2	FPVSQSIDELMEACR	15
PPUB+3233	Proteomics_pub	3950954	3950986	+	2	AAPNTIPTAAK	11
PPUB+3234	Proteomics_pub	3951305	3951337	+	2	SVDGIQVGEGR	11
PPUB+3235	Proteomics_pub	3951356	3951406	+	2	RIQQAFFGLFTGETEDK	17
PPUB+3236	Proteomics_pub	3952026	3952058	+	3	VSDSQSDQVER	11
PPUB+3237	Proteomics_pub	3952185	3952211	+	3	KQLFLNAGK	9
PPUB+3238	Proteomics_pub	3955996	3956025	+	1	ANYFNLTNLR	10
PPUB+3239	Proteomics_pub	3956026	3956055	+	1	QQLAQLGKCR	10
PPUB+3240	Proteomics_pub	3956068	3956106	+	1	DEFADGASYLQGK	13
PPUB+3241	Proteomics_pub	3956107	3956163	+	1	KVVIVGCGAQGLNQGLNMR	19
PPUB+3242	Proteomics_pub	3956164	3956196	+	1	DSGLDISYALR	11
PPUB+3243	Proteomics_pub	3956428	3956457	+	1	DITVVMVAPK	10
PPUB+3244	Proteomics_pub	3956710	3956748	+	1	LVEEGTDPAYAEK	13
PPUB+3245	Proteomics_pub	3956845	3956871	+	1	AYALSEQLK	9
PPUB+3246	Proteomics_pub	3956872	3956898	+	1	EIMAPLFQK	9
PPUB+3247	Proteomics_pub	3957001	3957036	+	1	TAFETAPQYEGK	12
PPUB+3248	Proteomics_pub	3957037	3957063	+	1	IGEQEYFDK	9
PPUB+3249	Proteomics_pub	3963796	3963840	+	1	IIHLTDDSFDTDLK	15
PPUB+3250	Proteomics_pub	3963895	3963942	+	1	MIAPILDEIADEYQGK	16
PPUB+3251	Proteomics_pub	3963958	3963993	+	1	LNIDQNPGTAPK	12
PPUB+3252	Proteomics_pub	3964006	3964032	+	1	GIPTLLLFK	9
PPUB+3253	Proteomics_pub	3964075	3964110	+	1	GQLKEFLDANLA	12
PPUB+3254	Proteomics_pub	3964461	3964523	+	3	NTPVSELITLGENMGLNLR	21
PPUB+3255	Proteomics_pub	3964530	3964559	+	3	KQDIIFAILK	10
PPUB+3256	Proteomics_pub	3964533	3964559	+	3	QDIIFAILK	9
PPUB+3257	Proteomics_pub	3964572	3964637	+	3	SGEDIFGDGVLEILQDGFGLR	22
PPUB+3258	Proteomics_pub	3964638	3964700	+	3	SADSSYLAGPDDIYVSPSQIR	21
PPUB+3259	Proteomics_pub	3964638	3964703	+	3	SADSSYLAGPDDIYVSPSQIRR	22
PPUB+3260	Proteomics_pub	3964785	3964823	+	3	VNEVNFDPENAR	13
PPUB+3261	Proteomics_pub	3964824	3964871	+	3	NKILFENLPLHANSR	16
PPUB+3262	Proteomics_pub	3964830	3964871	+	3	ILFENLPLHANSR	14
PPUB+3263	Proteomics_pub	3964887	3964919	+	3	GNGSTEDLTAR	11
PPUB+3264	Proteomics_pub	3964920	3964949	+	3	VLDLASPIGR	10
PPUB+3265	Proteomics_pub	3964920	3964958	+	3	VLDLASPIGRGQR	13
PPUB+3266	Proteomics_pub	3964959	3964982	+	3	GLIVAPPK	8
PPUB+3267	Proteomics_pub	3964959	3964991	+	3	GLIVAPPKAGK	11
PPUB+3268	Proteomics_pub	3965103	3965153	+	3	LVKGEVVASTFDEPASR	17
PPUB+3269	Proteomics_pub	3965112	3965153	+	3	GEVVASTFDEPASR	14

PPUB+3270	Proteomics_pub	3965154	3965186	+	3	HVQVAEMVIEK	11
PPUB+3271	Proteomics_pub	3965214	3965246	+	3	DVIILLDSITR	11
PPUB+3272	Proteomics_pub	3965256	3965288	+	3	AYNTVVPASGK	11
PPUB+3273	Proteomics_pub	3965289	3965333	+	3	VLTGGVDANALHRPK	15
PPUB+3274	Proteomics_pub	3965418	3965447	+	3	MDEVIYEEFK	10
PPUB+3275	Proteomics_pub	3965448	3965480	+	3	GTGNMELHLSR	11
PPUB+3276	Proteomics_pub	3965496	3965525	+	3	RVFPAIDYNR	10
PPUB+3277	Proteomics_pub	3965499	3965525	+	3	VFPAIDYNR	9
PPUB+3278	Proteomics_pub	3965538	3965576	+	3	KEELLTTQEELQK	13
PPUB+3279	Proteomics_pub	3965541	3965576	+	3	EELLTTQEELQK	12
PPUB+3280	Proteomics_pub	3965595	3965645	+	3	IIHPMGEIDAMEFLINK	17
PPUB+3281	Proteomics_pub	3965661	3965690	+	3	TNDDFFEMMK	10
PPUB+3282	Proteomics_pub	3968162	3968200	+	2	VLTVFGTRPEAIK	13
PPUB+3283	Proteomics_pub	3968486	3968518	+	2	IPVGHVEAGLR	11
PPUB+3284	Proteomics_pub	3968519	3968560	+	2	TGDLYSPWPEEANR	14
PPUB+3285	Proteomics_pub	3969080	3969124	+	2	DTTERPEAVTAGTVR	15
PPUB+3286	Proteomics_pub	3969170	3969208	+	2	LLKDENEYQAMSR	13
PPUB+3287	Proteomics_pub	3969862	3969900	+	1	IFLEGECVVTNSR	13
PPUB+3288	Proteomics_pub	3970039	3970131	+	1	VNILQPGPGVGGHCIAVDPWFIVAQNPQQR	31
PPUB+3289	Proteomics_pub	3970602	3970646	+	3	HIINNTQDSVVNVDK	15
PPUB+3290	Proteomics_pub	3971142	3971180	+	3	LIPLVILNALEK	13
PPUB+3291	Proteomics_pub	3971637	3971669	+	3	GIILAGGSGTR	11
PPUB+3292	Proteomics_pub	3971637	3971669	+	3	GIILAGGSGTR	11
PPUB+3293	Proteomics_pub	3971700	3971771	+	3	EMLPIVDKPMIQYIVDEIVAAGIK	24
PPUB+3294	Proteomics_pub	3972057	3972089	+	3	FGVVEFDDNFR	11
PPUB+3295	Proteomics_pub	3972081	3972125	+	3	NGTAISLEEKPLEPK	15
PPUB+3296	Proteomics_pub	3972456	3972491	+	3	TGYGQYLLELLR	12
PPUB+3297	Proteomics_pub	3996555	3996590	+	3	AGLVDFAEALLR	12
PPUB+3298	Proteomics_pub	3997899	3997940	+	3	FIGELPEECVEEVR	14
PPUB+3299	Proteomics_pub	3999449	3999481	+	2	MLSAFQLENNR	11
PPUB+3300	Proteomics_pub	4000070	4000099	+	2	LPGGQLEQAR	10
PPUB+3301	Proteomics_pub	4008904	4008939	+	1	ACIMGSGHQRLK	12
PPUB+3302	Proteomics_pub	4011079	4011111	+	1	TILNHTLGFPR	11
PPUB+3303	Proteomics_pub	4011139	4011174	+	1	AQESYWAGNSTR	12
PPUB+3304	Proteomics_pub	4011337	4011369	+	1	DGSVDIDTLFR	11
PPUB+3305	Proteomics_pub	4011385	4011426	+	1	APTGEPAAAAEMTK	14
PPUB+3306	Proteomics_pub	4011544	4011591	+	1	VKPVLLGPVTWLWLK	16
PPUB+3307	Proteomics_pub	4011616	4011675	+	1	LSLLNDILPVYQQVLAELAK	20
PPUB+3308	Proteomics_pub	4012105	4012131	+	1	SWFAFALQK	9
PPUB+3309	Proteomics_pub	4012261	4012293	+	1	LAAITAQDSQR	11
PPUB+3310	Proteomics_pub	4012342	4012398	+	1	LPAWPPTTIGSFPQTTEIR	19
PPUB+3311	Proteomics_pub	4012450	4012473	+	1	TGIAEHIK	8
PPUB+3312	Proteomics_pub	4012690	4012722	+	1	YAQSLTDKPVK	11
PPUB+3313	Proteomics_pub	4013233	4013262	+	1	LWVNPDCGLK	10
PPUB+3314	Proteomics_pub	4013287	4013328	+	1	AALANMVQAAQNLK	14
PPUB+3315	Proteomics_pub	4014463	4014492	+	1	SDVFHLGLTK	10

PPUB+3316	Proteomics_pub	4014493	4014543	+	1	NDLQGATLAIVPGDPDR	17
PPUB+3317	Proteomics_pub	4014493	4014552	+	1	NDLQGATLAIVPGDPDRVEK	20
PPUB+3318	Proteomics_pub	4014553	4014582	+	1	IAALMDKPVK	10
PPUB+3319	Proteomics_pub	4014616	4014714	+	1	AELDGKPVIVCSTGIGGPSTSIAVEELAQLGIR	33
PPUB+3320	Proteomics_pub	4014727	4014798	+	1	IGTTGAIQPHINVGDLVLTASVR	24
PPUB+3321	Proteomics_pub	4014799	4014888	+	1	LDGASLHFAPLEFPAVADFECTTALVEAAK	30
PPUB+3322	Proteomics_pub	4014889	4014957	+	1	SIGATTHVGVTTASSDTFYPGQER	23
PPUB+3323	Proteomics_pub	4015090	4015122	+	1	AGMVAGVIVNR	11
PPUB+3324	Proteomics_pub	4015123	4015158	+	1	TQQEIPNAETMK	12
PPUB+3325	Proteomics_pub	4015123	4015182	+	1	TQQEIPNAETMKQTESHAVK	20
PPUB+3326	Proteomics_pub	4016064	4016093	+	3	SRMQPDVIVR	10
PPUB+3327	Proteomics_pub	4017037	4017063	+	1	FTIDCSGVR	9
PPUB+3328	Proteomics_pub	4017067	4017117	+	1	GQTVLIDLGGTGDLTAK	17
PPUB+3329	Proteomics_pub	4017148	4017183	+	1	VVLADINESMLK	12
PPUB+3330	Proteomics_pub	4017373	4017420	+	1	LLVLEFSKPIIEPLSK	16
PPUB+3331	Proteomics_pub	4017421	4017456	+	1	AYDAYSFHVLP	12
PPUB+3332	Proteomics_pub	4017457	4017495	+	1	IGSLVANDADSYR	13
PPUB+3333	Proteomics_pub	4017457	4017516	+	1	IGSLVANDADSYRYLAESIR	20
PPUB+3334	Proteomics_pub	4020040	4020078	+	1	LGSIGSDLGASIK	13
PPUB+3335	Proteomics_pub	4020124	4020153	+	1	TSQDADFTAK	10
PPUB+3336	Proteomics_pub	4020169	4020213	+	1	QADTNQEAKTEDAK	15
PPUB+3337	Proteomics_pub	4020445	4020477	+	1	ASLTNLTPELK	11
PPUB+3338	Proteomics_pub	4023083	4023133	+	2	ITLVPDPHLEITEIADR	17
PPUB+3339	Proteomics_pub	4023143	4023178	+	2	AGGPALLFENPK	12
PPUB+3340	Proteomics_pub	4023281	4023316	+	2	LLAFLKEPEPPK	12
PPUB+3341	Proteomics_pub	4023410	4023442	+	2	IVSGDDVDLNR	11
PPUB+3342	Proteomics_pub	4023602	4023652	+	2	GGALDYQEWCAHPGER	17
PPUB+3343	Proteomics_pub	4024571	4024609	+	2	VTSVEAITDVTYR	13
PPUB+3344	Proteomics_pub	4024616	4024645	+	2	IVPDAAFSFR	10
PPUB+3345	Proteomics_pub	4029184	4029210	+	1	MESLASLYK	9
PPUB+3346	Proteomics_pub	4029211	4029237	+	1	NHIATLQER	9
PPUB+3347	Proteomics_pub	4029517	4029552	+	1	ADGIGSLLPAAR	12
PPUB+3348	Proteomics_pub	4029553	4029588	+	1	GNIGYIGVPER	12
PPUB+3349	Proteomics_pub	4029589	4029630	+	1	ALQLGIEASNINPK	14
PPUB+3350	Proteomics_pub	4029631	4029660	+	1	GVIDYLHYR	10
PPUB+3351	Proteomics_pub	4029979	4030008	+	1	SDNDYAQLVK	10
PPUB+3352	Proteomics_pub	4030009	4030050	+	1	DVNDEQLALIATMK	14
PPUB+3353	Proteomics_pub	4030447	4030497	+	1	IEDNVVIHENVENMTR	17
PPUB+3354	Proteomics_pub	4040104	4040148	+	1	RLNEVIELLQPAWQK	15
PPUB+3355	Proteomics_pub	4040149	4040184	+	1	EPDLNLLQFLQK	12
PPUB+3356	Proteomics_pub	4040275	4040301	+	1	DAVIPGLQK	9
PPUB+3357	Proteomics_pub	4041672	4041707	+	3	YHVNFMGGDLGK	12
PPUB+3358	Proteomics_pub	4041759	4041791	+	3	VTVPLFEGVQK	11
PPUB+3359	Proteomics_pub	4041807	4041851	+	3	SASDIRDVFINAGIK	15
PPUB+3360	Proteomics_pub	4041825	4041851	+	3	DVFINAGIK	9
PPUB+3361	Proteomics_pub	4041852	4041893	+	3	GEEYDAAWNSFVVK	14

PPUB+3362	Proteomics_pub	4041933	4041971	+	3	NVMGVPVAVFVNGK	13
PPUB+3363	Proteomics_pub	4041942	4041971	+	3	GVPAMFVNGK	10
PPUB+3364	Proteomics_pub	4041972	4042046	+	3	YQLNPQGMDTSNMDVVFVQYADTVK	25
PPUB+3365	Proteomics_pub	4045847	4045873	+	2	WTADVEAGK	9
PPUB+3366	Proteomics_pub	4046264	4046296	+	2	GILANYGIELR	11
PPUB+3367	Proteomics_pub	4046354	4046380	+	2	HDMSLAER	9
PPUB+3368	Proteomics_pub	4046396	4046425	+	2	TITFEEIAGK	10
PPUB+3369	Proteomics_pub	4046432	4046476	+	2	NQLTFNQIALEEAGR	15
PPUB+3370	Proteomics_pub	4046639	4046674	+	2	VLHNNHSEELTLR	12
PPUB+3371	Proteomics_pub	4046741	4046767	+	2	QLQTILFEK	9
PPUB+3372	Proteomics_pub	4046951	4046992	+	2	VHTSYHQAVTATGR	14
PPUB+3373	Proteomics_pub	4046993	4047034	+	2	LSSTDPNLQNIPIVR	14
PPUB+3374	Proteomics_pub	4047146	4047181	+	2	DKGLLTFAEAGK	12
PPUB+3375	Proteomics_pub	4047152	4047181	+	2	GLLTFAEAGK	10
PPUB+3376	Proteomics_pub	4047194	4047250	+	2	ATAAEVFGLEPLETVTSEQR	19
PPUB+3377	Proteomics_pub	4047419	4047451	+	2	EQGYVETLDGR	11
PPUB+3378	Proteomics_pub	4049427	4049456	+	3	TREELDQEAR	10
PPUB+3379	Proteomics_pub	4049577	4049606	+	3	TPIPLGVTEK	10
PPUB+3380	Proteomics_pub	4049766	4049795	+	3	LDRIDELMQK	10
PPUB+3381	Proteomics_pub	4056448	4056483	+	1	NFSIIAHIDHGK	12
PPUB+3382	Proteomics_pub	4056448	4056483	+	1	NIAIIAHVDHGK	12
PPUB+3383	Proteomics_pub	4056502	4056534	+	1	LLQSGTFDSR	11
PPUB+3384	Proteomics_pub	4056553	4056585	+	1	VMDSNDLEKER	11
PPUB+3385	Proteomics_pub	4056637	4056690	+	1	INIIDTPGHVDFTIEVER	18
PPUB+3386	Proteomics_pub	4056637	4056690	+	1	INIVDTPGHADFGGEVER	18
PPUB+3387	Proteomics_pub	4056691	4056759	+	1	VMSMVDVLLVVDADFDPMPQTR	23
PPUB+3388	Proteomics_pub	4056772	4056816	+	1	KAFAYGLKPIVVINK	15
PPUB+3389	Proteomics_pub	4056775	4056816	+	1	AFAYGLKPIVVINK	14
PPUB+3390	Proteomics_pub	4057120	4057164	+	1	VKPNQQVTIIDSEGK	15
PPUB+3391	Proteomics_pub	4057189	4057215	+	1	VLGHLGLER	9
PPUB+3392	Proteomics_pub	4057441	4057467	+	1	ELVHNVALR	9
PPUB+3393	Proteomics_pub	4057468	4057500	+	1	VEETEDADAFR	11
PPUB+3394	Proteomics_pub	4057552	4057587	+	1	REGFELAVSRPK	12
PPUB+3395	Proteomics_pub	4057555	4057587	+	1	EGFELAVSRPK	11
PPUB+3396	Proteomics_pub	4057738	4057767	+	1	VRLDYVIPSR	10
PPUB+3397	Proteomics_pub	4057744	4057767	+	1	LDYVIPSR	8
PPUB+3398	Proteomics_pub	4057879	4057914	+	1	QNGVLISNGQGK	12
PPUB+3399	Proteomics_pub	4057915	4057950	+	1	AVAFALFGLQDR	12
PPUB+3400	Proteomics_pub	4057957	4058016	+	1	LFLGHGAEVYEQIIGIHSR	20
PPUB+3401	Proteomics_pub	4058017	4058052	+	1	SNDLTVNCLTGK	12
PPUB+3402	Proteomics_pub	4058071	4058115	+	1	ASGTDEAVVLVPPIR	15
PPUB+3403	Proteomics_pub	4084060	4084095	+	1	EIENVTNITGVR	12
PPUB+3404	Proteomics_pub	4098836	4098895	+	2	SYTLPLSPYAYDALEPHFDK	20
PPUB+3405	Proteomics_pub	4098869	4098922	+	2	DALAPHISAETIEYHYGK	18
PPUB+3406	Proteomics_pub	4098896	4098922	+	2	QTMEIHHTK	9
PPUB+3407	Proteomics_pub	4098923	4099012	+	2	HHQTYVNNANALESLEPEFANLPVEELITK	30

PPUB+3408	Proteomics_pub	4099013	4099039	+	2	LDQLPADKK	9
PPUB+3409	Proteomics_pub	4099052	4099093	+	2	NNAGGHANHSLFWK	14
PPUB+3410	Proteomics_pub	4099103	4099132	+	2	KGTTLQGDLK	10
PPUB+3411	Proteomics_pub	4099106	4099132	+	2	GTTLQGDLK	9
PPUB+3412	Proteomics_pub	4099133	4099174	+	2	AAIERDFGSVDNFK	14
PPUB+3413	Proteomics_pub	4099148	4099174	+	2	DFGSVDNFK	9
PPUB+3414	Proteomics_pub	4099148	4099189	+	2	DFGSVDNFKAEFEK	14
PPUB+3415	Proteomics_pub	4099205	4099237	+	2	FGSGWAWLVLK	11
PPUB+3416	Proteomics_pub	4099205	4099246	+	2	FGSGWAWLVLKGDK	14
PPUB+3417	Proteomics_pub	4099247	4099363	+	2	LAVVSTANQDSPLMGEAISGASGFPIMGLDVWEHAYYLK	39
PPUB+3418	Proteomics_pub	4099376	4099435	+	2	RPDYIKEFWNVVNWDEAAAR	20
PPUB+3419	Proteomics_pub	4099394	4099435	+	2	EFWNVVNWDEAAAR	14
PPUB+3420	Proteomics_pub	4100878	4100919	+	1	IQAYPEGKPSAIK	14
PPUB+3421	Proteomics_pub	4101211	4101267	+	1	LNYHFDISDIAQLMQNTGK	19
PPUB+3422	Proteomics_pub	4101304	4101339	+	1	VSADAPLELVSR	12
PPUB+3423	Proteomics_pub	4105584	4105640	+	3	KIGVLTSGGDAPGMNAAIR	19
PPUB+3424	Proteomics_pub	4105587	4105640	+	3	IGVLTSGGDAPGMNAAIR	18
PPUB+3425	Proteomics_pub	4105740	4105766	+	3	YSVSDMINR	9
PPUB+3426	Proteomics_pub	4105767	4105793	+	3	GGTFLGSAR	9
PPUB+3427	Proteomics_pub	4105794	4105823	+	3	FPEFRDENIR	10
PPUB+3428	Proteomics_pub	4105911	4105970	+	3	LTEMGFPCIGLPGTIDNDIK	20
PPUB+3429	Proteomics_pub	4106040	4106063	+	3	DTSSSHQR	8
PPUB+3430	Proteomics_pub	4106307	4106333	+	3	ATVLGHIQR	9
PPUB+3431	Proteomics_pub	4106334	4106360	+	3	GGSPVPYDR	9
PPUB+3432	Proteomics_pub	4106376	4106423	+	3	MGAYAIDLLLAGYGGR	16
PPUB+3433	Proteomics_pub	4106424	4106489	+	3	CVGIQNEQLVHHDIIIDAIENMK	22
PPUB+3434	Proteomics_pub	4106490	4106525	+	3	RPFKGDWLDCAK	12
PPUB+3435	Proteomics_pub	4106502	4106525	+	3	GDWLDCAK	8
PPUB+3436	Proteomics_pub	4116580	4116636	+	1	VQQAIDTITLLQMEIEELK	19
PPUB+3437	Proteomics_pub	4116643	4116687	+	1	NNSLSQEVQNAQHQR	15
PPUB+3438	Proteomics_pub	4116643	4116702	+	1	NNSLSQEVQNAQHQREELER	20
PPUB+3439	Proteomics_pub	4116688	4116720	+	1	EELERENHLK	11
PPUB+3440	Proteomics_pub	4116721	4116747	+	1	EQQNGWQER	9
PPUB+3441	Proteomics_pub	4125045	4125104	+	3	DIHPKYEEITASCSCGNVMK	20
PPUB+3442	Proteomics_pub	4125060	4125104	+	3	YEEITASCSCGNVMK	15
PPUB+3443	Proteomics_pub	4125105	4125152	+	3	IRSTVGHDLNLDVCSK	16
PPUB+3444	Proteomics_pub	4125111	4125152	+	3	STVGHDLNLDVCSK	14
PPUB+3445	Proteomics_pub	4125153	4125176	+	3	CHPFFTGK	8
PPUB+3446	Proteomics_pub	4125177	4125203	+	3	QRDVATGGR	9
PPUB+3447	Proteomics_pub	4125183	4125212	+	3	DVATGGRVDR	10
PPUB+3448	Proteomics_pub	4125222	4125245	+	3	RFNIPGSK	8
PPUB+3449	Proteomics_pub	4128416	4128445	+	2	RLVVTGFISR	10
PPUB+3450	Proteomics_pub	4128590	4128616	+	2	DACLLPLLR	9
PPUB+3451	Proteomics_pub	4129823	4129852	+	2	EMGYTEPDPR	10
PPUB+3452	Proteomics_pub	4131861	4131902	+	3	STSDDIHNTTATGK	14
PPUB+3453	Proteomics_pub	4131903	4131959	+	3	CPFHQGGHDQSAGAGTTTR	19

PPUB+3454	Proteomics_pub	4131960	4131983	+	3	DWWPNQLR	8
PPUB+3455	Proteomics_pub	4131984	4132013	+	3	VDLLNQHSNR	10
PPUB+3456	Proteomics_pub	4132014	4132046	+	3	SNPLGEDFDYR	11
PPUB+3457	Proteomics_pub	4132014	4132049	+	3	SNPLGEDFDYRK	12
PPUB+3458	Proteomics_pub	4132236	4132280	+	3	FAPLNSWPDNVSLDK	15
PPUB+3459	Proteomics_pub	4132326	4132388	+	3	ISWADLFILAGNVALENSGFR	21
PPUB+3460	Proteomics_pub	4132389	4132460	+	3	TFGFGAGREDVWEPDLVDVNWGDEK	24
PPUB+3461	Proteomics_pub	4132863	4132883	+	3	YEWVQTR	7
PPUB+3462	Proteomics_pub	4132884	4132961	+	3	SPAGAIQFEAVDAPEIIPDPFDPSKK	26
PPUB+3463	Proteomics_pub	4133034	4133075	+	3	FLNDPQAFNEAFAR	14
PPUB+3464	Proteomics_pub	4133352	4133381	+	3	DWDVNAAAVR	10
PPUB+3465	Proteomics_pub	4133424	4133474	+	3	ASLADIIVLAGVVGVEK	17
PPUB+3466	Proteomics_pub	4133475	4133525	+	3	AASAAGLSIHVPFAPGR	17
PPUB+3467	Proteomics_pub	4133652	4133708	+	3	AQQLTLTAPEMTALVGGMR	19
PPUB+3468	Proteomics_pub	4133709	4133738	+	3	VLGANFDGSK	10
PPUB+3469	Proteomics_pub	4133895	4133930	+	3	ADLVFGSNSVLR	12
PPUB+3470	Proteomics_pub	4133931	4133972	+	3	AVAEVYASSDAHEK	14
PPUB+3471	Proteomics_pub	4134006	4134035	+	3	VMNLDRFDLL	10
PPUB+3472	Proteomics_pub	4156525	4156560	+	1	DLEYLVALAEHR	12
PPUB+3473	Proteomics_pub	4157350	4157382	+	1	SRYEQLAEAIR	11
PPUB+3474	Proteomics_pub	4161779	4161814	+	2	STVLAPTTVVTR	12
PPUB+3475	Proteomics_pub	4161929	4161973	+	2	GTNASHVVLVIDGVR	15
PPUB+3476	Proteomics_pub	4162451	4162486	+	2	KLYSQSWDAGLR	12
PPUB+3477	Proteomics_pub	4162454	4162486	+	2	LYSQSWDAGLR	11
PPUB+3478	Proteomics_pub	4162508	4162540	+	2	SQLITSYSHSK	11
PPUB+3479	Proteomics_pub	4162874	4162903	+	2	FIASYGTSYK	10
PPUB+3480	Proteomics_pub	4163033	4163077	+	2	NDVSDLIDYDDHTLK	15
PPUB+3481	Proteomics_pub	4170557	4170589	+	2	DSIFKHEYQDR	11
PPUB+3482	Proteomics_pub	4171031	4171060	+	2	FNWLEPEVR	10
PPUB+3483	Proteomics_pub	4173991	4174041	+	1	TKPHVNVGTIGHVDHGK	17
PPUB+3484	Proteomics_pub	4173991	4174080	+	1	TKPHVNVGTIGHVDHGKTTLTAAITTVLAK	30
PPUB+3485	Proteomics_pub	4174006	4174041	+	1	NFSIIAHIDHGK	12
PPUB+3486	Proteomics_pub	4174006	4174041	+	1	NIAIIAHVDHGK	12
PPUB+3487	Proteomics_pub	4174042	4174080	+	1	TTLTAAITTVLAK	13
PPUB+3488	Proteomics_pub	4174042	4174101	+	1	TTLTAAITTVLAKTYGGAAR	20
PPUB+3489	Proteomics_pub	4174081	4174137	+	1	TYGGAARAFDQIDNAPEEK	19
PPUB+3490	Proteomics_pub	4174102	4174137	+	1	AFDQIDNAPEEK	12
PPUB+3491	Proteomics_pub	4174102	4174143	+	1	AFDQIDNAPEEKAR	14
PPUB+3492	Proteomics_pub	4174138	4174191	+	1	ARGITINTSHVEYDTPTR	18
PPUB+3493	Proteomics_pub	4174144	4174191	+	1	GITINTSHVEYDTPTR	16
PPUB+3494	Proteomics_pub	4174192	4174236	+	1	HYAHVDCPGHADYVK	15
PPUB+3495	Proteomics_pub	4174237	4174317	+	1	NMITGAAQMDGAILVVAATDGPMPQTR	27
PPUB+3496	Proteomics_pub	4174339	4174377	+	1	QVGVPIIVFLNK	13
PPUB+3497	Proteomics_pub	4174378	4174431	+	1	CDMVDDEELLELVEMEV	18
PPUB+3498	Proteomics_pub	4174432	4174482	+	1	ELLSQYDFPGDDTPIVR	17
PPUB+3499	Proteomics_pub	4174483	4174530	+	1	GSALKALEGDAEWEAK	16

PPUB+3500	Proteomics_pub	4174498	4174530	+	1	ALEGDAEWEAK	11
PPUB+3501	Proteomics_pub	4174498	4174581	+	1	ALEGDAEWEAKILELAGFLDSYIPEPER	28
PPUB+3502	Proteomics_pub	4174531	4174581	+	1	ILELAGFLDSYIPEPER	17
PPUB+3503	Proteomics_pub	4174531	4174638	+	1	ILELAGFLDSYIPEPERAIDKPFLLPIDVFSISGR	36
PPUB+3504	Proteomics_pub	4174582	4174638	+	1	AIDKPFLLPIDVFSISGR	19
PPUB+3505	Proteomics_pub	4174681	4174713	+	1	VGEEVEIVGIK	11
PPUB+3506	Proteomics_pub	4174681	4174725	+	1	VGEEVEIVGIKETQK	15
PPUB+3507	Proteomics_pub	4174726	4174755	+	1	STCTGVEMFR	10
PPUB+3508	Proteomics_pub	4174726	4174758	+	1	STCTGVEMFRK	11
PPUB+3509	Proteomics_pub	4174759	4174806	+	1	LLDEGRAGENVGVLLR	16
PPUB+3510	Proteomics_pub	4174777	4174806	+	1	AGENVGVLLR	10
PPUB+3511	Proteomics_pub	4174777	4174815	+	1	AGENVGVLLRGIK	13
PPUB+3512	Proteomics_pub	4174834	4174878	+	1	GQVLAKPGTIKPHTK	15
PPUB+3513	Proteomics_pub	4174879	4174908	+	1	FESEVYILSK	10
PPUB+3514	Proteomics_pub	4174879	4174923	+	1	FESEVYILSKDEGGR	15
PPUB+3515	Proteomics_pub	4174942	4174968	+	1	GYRPQFYFR	9
PPUB+3516	Proteomics_pub	4174969	4175040	+	1	TTDVTGTIELPEGVEMVMPGDNIK	24
PPUB+3517	Proteomics_pub	4175041	4175088	+	1	MVVTLIHPIAMDDGLR	16
PPUB+3518	Proteomics_pub	4175101	4175139	+	1	EGGRTVGAGVVAK	13
PPUB+3519	Proteomics_pub	4175790	4175828	+	3	WYVVQAFSGFEGR	13
PPUB+3520	Proteomics_pub	4176030	4176083	+	3	VMGFIGGTS DRPAPISDK	18
PPUB+3521	Proteomics_pub	4176108	4176140	+	3	LQQVGDKPRPK	11
PPUB+3522	Proteomics_pub	4176141	4176170	+	3	TLFEPGEMVR	10
PPUB+3523	Proteomics_pub	4176171	4176230	+	3	VNDGPFADFNQVVEVDYK	20
PPUB+3524	Proteomics_pub	4176237	4176266	+	3	LKVSVSIFGR	10
PPUB+3525	Proteomics_pub	4176267	4176305	+	3	ATPVELDFSQVEK	13
PPUB+3526	Proteomics_pub	4176267	4176308	+	3	ATPVELDFSQVEKA	14
PPUB+3527	Proteomics_pub	4176623	4176664	+	2	GLPIPVVITVYADR	14
PPUB+3528	Proteomics_pub	4176686	4176712	+	2	TPPAVLLK	9
PPUB+3529	Proteomics_pub	4176686	4176715	+	2	TPPAVLLKK	10
PPUB+3530	Proteomics_pub	4176716	4176754	+	2	AAGIKSGSGKPNK	13
PPUB+3531	Proteomics_pub	4176770	4176808	+	2	ISRAQLQEIAQTK	13
PPUB+3532	Proteomics_pub	4176779	4176808	+	2	AQLQEIAQTK	10
PPUB+3533	Proteomics_pub	4176809	4176850	+	2	AADMTGADIEAMTR	14
PPUB+3534	Proteomics_pub	4176959	4176994	+	2	QYDINEAIALLK	12
PPUB+3535	Proteomics_pub	4177013	4177060	+	2	FVESVDVAVNLGIDAR	16
PPUB+3536	Proteomics_pub	4177064	4177114	+	2	SDQNVRGATVLPHTGTR	17
PPUB+3537	Proteomics_pub	4177082	4177114	+	2	GATVLPHTGTR	11
PPUB+3538	Proteomics_pub	4177082	4177123	+	2	GATVLPHTGRSVR	14
PPUB+3539	Proteomics_pub	4177115	4177165	+	2	SVRVAVFTQGANAEEAK	17
PPUB+3540	Proteomics_pub	4177124	4177165	+	2	VAVFTQGANAEEAK	14
PPUB+3541	Proteomics_pub	4177166	4177216	+	2	AAGAELVGMEDLADQIK	17
PPUB+3542	Proteomics_pub	4177166	4177219	+	2	AAGAELVGMEDLADQIKK	18
PPUB+3543	Proteomics_pub	4177217	4177267	+	2	KGEMNFDVVIASPDAMR	17
PPUB+3544	Proteomics_pub	4177268	4177303	+	2	VVGQLGQVLGPR	12
PPUB+3545	Proteomics_pub	4177268	4177324	+	2	VVGQLGQVLGPRGLMPNPK	19

PPUB+3546	Proteomics_pub	4177325	4177363	+	2	VGTVTPNVAEAVK	13
PPUB+3547	Proteomics_pub	4177325	4177372	+	2	VGTVTPNVAEAVKNAK	16
PPUB+3548	Proteomics_pub	4177403	4177432	+	2	NGIIHTTIGK	10
PPUB+3549	Proteomics_pub	4177403	4177453	+	2	NGIIHTTIGKVDFDADK	17
PPUB+3550	Proteomics_pub	4177433	4177459	+	2	VDFDADKLLK	9
PPUB+3551	Proteomics_pub	4177454	4177492	+	2	LKENLEALLVALK	13
PPUB+3552	Proteomics_pub	4177460	4177492	+	2	ENLEALLVALK	11
PPUB+3553	Proteomics_pub	4177460	4177495	+	2	ENLEALLVALKK	12
PPUB+3554	Proteomics_pub	4178022	4178078	+	3	ALNLQDKQAIVAEVSEVAK	19
PPUB+3555	Proteomics_pub	4178043	4178078	+	3	QAIVA EVSEVAK	12
PPUB+3556	Proteomics_pub	4178079	4178111	+	3	GALSAVVADSR	11
PPUB+3557	Proteomics_pub	4178202	4178237	+	3	RAVEGTPFECLK	12
PPUB+3558	Proteomics_pub	4178205	4178237	+	3	AVEGTPFECLK	11
PPUB+3559	Proteomics_pub	4178205	4178300	+	3	AVEGTPFECLKDAFVGPTLIAYSMEHPGAAAR	32
PPUB+3560	Proteomics_pub	4178238	4178300	+	3	DAFVGPTLIAYSMEHPGAAAR	21
PPUB+3561	Proteomics_pub	4178346	4178393	+	3	AAAFEGELIPASQIDR	16
PPUB+3562	Proteomics_pub	4178346	4178432	+	3	AAAFEGELIPASQIDRLATLPTYEEAIAR	29
PPUB+3563	Proteomics_pub	4178394	4178432	+	3	LATLPTYEEAIAR	13
PPUB+3564	Proteomics_pub	4178586	4178672	+	3	SITKDQIIEAVAAMSVM DVVELISAMEEK	29
PPUB+3565	Proteomics_pub	4178598	4178672	+	3	DQIIEAVAAMSVM DVVELISAMEEK	25
PPUB+3566	Proteomics_pub	4178673	4178738	+	3	FGVSAAA AVAAGPV EAAEEK	22
PPUB+3567	Proteomics_pub	4178673	4178762	+	3	FGVSAAA AVAAGPV EAAEEKTEFDVILK	30
PPUB+3568	Proteomics_pub	4178763	4178795	+	3	AAGANKVAVIK	11
PPUB+3569	Proteomics_pub	4178796	4178828	+	3	AVRGATGLGLK	11
PPUB+3570	Proteomics_pub	4178829	4178870	+	3	EAKDLVESAPAALK	14
PPUB+3571	Proteomics_pub	4178838	4178870	+	3	DLVESAPAALK	11
PPUB+3572	Proteomics_pub	4178871	4178906	+	3	EGVSKDDAEALK	12
PPUB+3573	Proteomics_pub	4178907	4178945	+	3	KALEEAGAEVEVK	13
PPUB+3574	Proteomics_pub	4178910	4178945	+	3	ALEEAGAEVEVK	12
PPUB+3575	Proteomics_pub	4179307	4179378	+	1	DFGKR PQVLDVPYLLSIQLDSFQK	24
PPUB+3576	Proteomics_pub	4179319	4179378	+	1	RPQVLDVPYLLSIQLDSFQK	20
PPUB+3577	Proteomics_pub	4179379	4179429	+	1	FIEQDPEGQYGLEAAFR	17
PPUB+3578	Proteomics_pub	4179430	4179489	+	1	SVFPIQSYSGNSELQYVSYR	20
PPUB+3579	Proteomics_pub	4179490	4179531	+	1	LGEPVFDVQECQIR	14
PPUB+3580	Proteomics_pub	4179532	4179558	+	1	GVTYSAPLR	9
PPUB+3581	Proteomics_pub	4179721	4179750	+	1	SPGVFFDSDK	10
PPUB+3582	Proteomics_pub	4179721	4179756	+	1	SPGVFFDSDKGK	12
PPUB+3583	Proteomics_pub	4179808	4179840	+	1	GSWLDFEFDPK	11
PPUB+3584	Proteomics_pub	4179874	4179900	+	1	KLPATIILR	9
PPUB+3585	Proteomics_pub	4179901	4179948	+	1	ALNYTTEQILD LFFEK	16
PPUB+3586	Proteomics_pub	4179967	4180002	+	1	DNKLQMELVPER	12
PPUB+3587	Proteomics_pub	4179976	4180002	+	1	LQMELVPER	9
PPUB+3588	Proteomics_pub	4180003	4180047	+	1	LRGETASFDIEANGK	15
PPUB+3589	Proteomics_pub	4180117	4180152	+	1	LIEVPVEYIAGK	12
PPUB+3590	Proteomics_pub	4180240	4180263	+	1	LSQSGHKR	8
PPUB+3591	Proteomics_pub	4180261	4180323	+	1	RIETLFTNDLDHGPYISETLR	21

PPUB+3592	Proteomics_pub	4180264	4180323	+	1	IETLFTNDLDHGPIYSETLR	20
PPUB+3593	Proteomics_pub	4180402	4180473	+	1	EAAESLFENLFFSEDRYDLSAVGR	24
PPUB+3594	Proteomics_pub	4180489	4180533	+	1	SLLREEIEGSGILSK	15
PPUB+3595	Proteomics_pub	4180501	4180533	+	1	EEIEGSGILSK	11
PPUB+3596	Proteomics_pub	4180534	4180560	+	1	DDIIDVMKK	9
PPUB+3597	Proteomics_pub	4180576	4180620	+	1	NGKGEVDDIDHLGNR	15
PPUB+3598	Proteomics_pub	4180585	4180620	+	1	GEVDDIDHLGNR	12
PPUB+3599	Proteomics_pub	4180585	4180623	+	1	GEVDDIDHLGNRR	13
PPUB+3600	Proteomics_pub	4180630	4180662	+	1	SVGEMAENQFR	11
PPUB+3601	Proteomics_pub	4180777	4180848	+	1	EFFGSSQLSQFMDQNNPLSEITHK	24
PPUB+3602	Proteomics_pub	4180855	4180887	+	1	ISALGPGGLTR	11
PPUB+3603	Proteomics_pub	4180912	4180938	+	1	DVHPHTHYGR	9
PPUB+3604	Proteomics_pub	4181179	4181208	+	1	SKGESSLFSR	10
PPUB+3605	Proteomics_pub	4181302	4181328	+	1	ALMGANMQR	9
PPUB+3606	Proteomics_pub	4181350	4181385	+	1	ADKPLVGTGMER	12
PPUB+3607	Proteomics_pub	4181386	4181424	+	1	AVAVDSGVTAVAK	13
PPUB+3608	Proteomics_pub	4181425	4181460	+	1	RGVQYVDASR	12
PPUB+3609	Proteomics_pub	4181428	4181460	+	1	GGVVQYVDASR	11
PPUB+3610	Proteomics_pub	4181473	4181532	+	1	VNEDEMPGEAGIDIYNLTK	20
PPUB+3611	Proteomics_pub	4181542	4181604	+	1	SNQNTCINQMPCVSLGEPVER	21
PPUB+3612	Proteomics_pub	4181605	4181670	+	1	GDVLADGPGSTDLGELALGQNMNR	22
PPUB+3613	Proteomics_pub	4181671	4181730	+	1	VAFMPWNGYNFEDSILVSR	20
PPUB+3614	Proteomics_pub	4181749	4181790	+	1	FTTIHQELACVSR	14
PPUB+3615	Proteomics_pub	4181800	4181859	+	1	LGPEEITADIPNVGEAALSK	20
PPUB+3616	Proteomics_pub	4181860	4181925	+	1	LDESGIVYIGAEVTGGDILVGK	22
PPUB+3617	Proteomics_pub	4181926	4181967	+	1	VTPKGETQLTPEEK	14
PPUB+3618	Proteomics_pub	4181938	4181967	+	1	GETQLTPEEK	10
PPUB+3619	Proteomics_pub	4181995	4182024	+	1	ASDVKDSSLR	10
PPUB+3620	Proteomics_pub	4182010	4182075	+	1	DSSLRVPNGVSGTVIDVQVFTR	22
PPUB+3621	Proteomics_pub	4182025	4182075	+	1	VPNGVSGTVIDVQVFTR	17
PPUB+3622	Proteomics_pub	4182064	4182138	+	1	IFTEDGVSIPVTVIEVEANRVTQVK	25
PPUB+3623	Proteomics_pub	4182097	4182129	+	1	RALEIEEMQLK	11
PPUB+3624	Proteomics_pub	4182100	4182129	+	1	ALEIEEMQLK	10
PPUB+3625	Proteomics_pub	4182139	4182189	+	1	KDLSEELQILEAGLFSR	17
PPUB+3626	Proteomics_pub	4182142	4182189	+	1	DLSEELQILEAGLFSR	16
PPUB+3627	Proteomics_pub	4182196	4182231	+	1	AVLVAGGVEAEK	12
PPUB+3628	Proteomics_pub	4182196	4182240	+	1	AVLVAGGVEAEKLDK	15
PPUB+3629	Proteomics_pub	4182250	4182288	+	1	DRWLELGLTDEEK	13
PPUB+3630	Proteomics_pub	4182256	4182288	+	1	WLELGLTDEEK	11
PPUB+3631	Proteomics_pub	4182289	4182333	+	1	QNQLEQLAEQYDELK	15
PPUB+3632	Proteomics_pub	4182370	4182411	+	1	KITQGDDLAPGVLK	14
PPUB+3633	Proteomics_pub	4182373	4182411	+	1	ITQGDDLAPGVLK	13
PPUB+3634	Proteomics_pub	4182502	4182585	+	1	INPIEDMPYDENGTPVDIVLNLPLGVPSR	28
PPUB+3635	Proteomics_pub	4182586	4182633	+	1	MNIGQILETHLGMAAK	16
PPUB+3636	Proteomics_pub	4182709	4182735	+	1	AYDLGADV	9
PPUB+3637	Proteomics_pub	4182736	4182780	+	1	QKVDLSTFSDEEVMR	15

PPUB+3638	Proteomics_pub	4182742	4182780	+	1	VDLSTFSDEEVMR	13
PPUB+3639	Proteomics_pub	4182799	4182840	+	1	KGMPIATPVFDGAK	14
PPUB+3640	Proteomics_pub	4182802	4182840	+	1	GMPIATPVFDGAK	13
PPUB+3641	Proteomics_pub	4182868	4182900	+	1	LGDLPTSGQIR	11
PPUB+3642	Proteomics_pub	4182916	4182969	+	1	TGEQFERPVTGYMYMLK	18
PPUB+3643	Proteomics_pub	4182970	4182993	+	1	LNHLVDDK	8
PPUB+3644	Proteomics_pub	4182970	4183005	+	1	LNHLVDDKM HAR	12
PPUB+3645	Proteomics_pub	4183006	4183053	+	1	STGSYSLVTTQQPLGGK	16
PPUB+3646	Proteomics_pub	4183075	4183149	+	1	FGEMEVWALEAYGAAYTLQEMLTVK	25
PPUB+3647	Proteomics_pub	4183252	4183293	+	1	EIRSLGINIELEDE	14
PPUB+3648	Proteomics_pub	4183436	4183465	+	2	IALASPD MIR	10
PPUB+3649	Proteomics_pub	4183466	4183489	+	2	SWSFGEVK	8
PPUB+3650	Proteomics_pub	4183466	4183513	+	2	SWSFGEVKKPETINYR	16
PPUB+3651	Proteomics_pub	4183553	4183594	+	2	IFGPVKDYECLCGK	14
PPUB+3652	Proteomics_pub	4183571	4183594	+	2	DYECLCGK	8
PPUB+3653	Proteomics_pub	4183634	4183660	+	2	CGVEVTQTK	9
PPUB+3654	Proteomics_pub	4183676	4183726	+	2	MGHIELASPTAHIWFLK	17
PPUB+3655	Proteomics_pub	4183742	4183771	+	2	IGLLDMPLR	10
PPUB+3656	Proteomics_pub	4183742	4183783	+	2	IGLLDMPLRDIER	14
PPUB+3657	Proteomics_pub	4183841	4183909	+	2	QQILTEEQYLDAL EEF GDEFDAK	23
PPUB+3658	Proteomics_pub	4183910	4183942	+	2	MGA EAIQALLK	11
PPUB+3659	Proteomics_pub	4183943	4184011	+	2	SMDLEQECEQLREELNETNSETK	23
PPUB+3660	Proteomics_pub	4183979	4184011	+	2	EELNETNSETK	11
PPUB+3661	Proteomics_pub	4183979	4184014	+	2	EELNETNSETKR	12
PPUB+3662	Proteomics_pub	4184150	4184182	+	2	FATSDLNDLYR	11
PPUB+3663	Proteomics_pub	4184150	4184185	+	2	FATSDLNDLYRR	12
PPUB+3664	Proteomics_pub	4184213	4184251	+	2	RLLDLAAPDIIVR	13
PPUB+3665	Proteomics_pub	4184216	4184251	+	2	LLDLAAPDIIVR	12
PPUB+3666	Proteomics_pub	4184261	4184305	+	2	RMLQEAVDALLDN GR	15
PPUB+3667	Proteomics_pub	4184264	4184305	+	2	MLQEAVDALLDN GR	14
PPUB+3668	Proteomics_pub	4184264	4184308	+	2	MLQEAVDALLDN GR	15
PPUB+3669	Proteomics_pub	4184315	4184347	+	2	AITGSNKRPLK	11
PPUB+3670	Proteomics_pub	4184429	4184458	+	2	SVITVGPYLR	10
PPUB+3671	Proteomics_pub	4184459	4184482	+	2	LHQCGLPK	8
PPUB+3672	Proteomics_pub	4184486	4184524	+	2	MALELFKPFYIGK	13
PPUB+3673	Proteomics_pub	4184582	4184623	+	2	EEAVVWDILDEVIR	14
PPUB+3674	Proteomics_pub	4184624	4184647	+	2	EHPVLLNR	8
PPUB+3675	Proteomics_pub	4184666	4184707	+	2	LGIQAFEPVLIEGK	14
PPUB+3676	Proteomics_pub	4184936	4184965	+	2	GEGMVLTPGPK	10
PPUB+3677	Proteomics_pub	4184987	4185013	+	2	SGLASLHAR	9
PPUB+3678	Proteomics_pub	4185026	4185070	+	2	ITEYEKDANGELVAK	15
PPUB+3679	Proteomics_pub	4185044	4185070	+	2	DANGELVAK	9
PPUB+3680	Proteomics_pub	4185071	4185100	+	2	TSLKDTTVGR	10
PPUB+3681	Proteomics_pub	4185071	4185100	+	2	TSLXDTTVGR	10
PPUB+3682	Proteomics_pub	4185101	4185127	+	2	AILWMIVPK	9
PPUB+3683	Proteomics_pub	4185128	4185166	+	2	GLPYSIVNQALGK	13

PPUB+3684	Proteomics_pub	4185128	4185169	+	2	GLPYSIVNQALGKK	14
PPUB+3685	Proteomics_pub	4185182	4185202	+	2	MLNTCYR	7
PPUB+3686	Proteomics_pub	4185203	4185274	+	2	ILGLKPTVIFADQIMYTGfAYAAR	24
PPUB+3687	Proteomics_pub	4185275	4185319	+	2	SGASVGIDDMVIPEK	15
PPUB+3688	Proteomics_pub	4185275	4185322	+	2	SGASVGIDDMVIPEKK	16
PPUB+3689	Proteomics_pub	4185416	4185448	+	2	VIDIWAAANDR	11
PPUB+3690	Proteomics_pub	4185458	4185499	+	2	AMMDNLQTETVINR	14
PPUB+3691	Proteomics_pub	4185458	4185517	+	2	AMMDNLQTETVINRDGQEEK	20
PPUB+3692	Proteomics_pub	4185605	4185664	+	2	GLMAKPDGSIETPITANFR	20
PPUB+3693	Proteomics_pub	4185665	4185712	+	2	EGLNVLQYFISTHGAR	16
PPUB+3694	Proteomics_pub	4185740	4185766	+	2	TANSGYLTR	9
PPUB+3695	Proteomics_pub	4185899	4185952	+	2	VTAEDVLKPGTADILVPR	18
PPUB+3696	Proteomics_pub	4185953	4186015	+	2	NTLLHEQWCDLLEENSVDVAVK	21
PPUB+3697	Proteomics_pub	4186022	4186075	+	2	SVVSCDTDFGVCAHCYGR	18
PPUB+3698	Proteomics_pub	4186106	4186171	+	2	GEAIGVIAAQSIGEPGTQLTMR	22
PPUB+3699	Proteomics_pub	4186172	4186201	+	2	TFHIGGAASR	10
PPUB+3700	Proteomics_pub	4186349	4186387	+	2	ESYKVPYGAVLAK	13
PPUB+3701	Proteomics_pub	4186361	4186387	+	2	VPYGAVLAK	9
PPUB+3702	Proteomics_pub	4186388	4186480	+	2	GDGEQVAGGETVANWDPHTMPVITEVSGFVR	31
PPUB+3703	Proteomics_pub	4186481	4186516	+	2	FTDMIDGQTITR	12
PPUB+3704	Proteomics_pub	4186517	4186573	+	2	QTDELTLGLSSLVVLSAER	19
PPUB+3705	Proteomics_pub	4186610	4186684	+	2	IVDAQGNDVLIIPGTDMPAQYFLPGK	25
PPUB+3706	Proteomics_pub	4186685	4186741	+	2	AIVQLEDGVQISSGDTLAR	19
PPUB+3707	Proteomics_pub	4186742	4186768	+	2	IPQESGGTK	9
PPUB+3708	Proteomics_pub	4186769	4186792	+	2	DITGGLPR	8
PPUB+3709	Proteomics_pub	4186826	4186873	+	2	EPAILAEISGIVSFGK	16
PPUB+3710	Proteomics_pub	4186895	4186948	+	2	LVITPVDGSDPYEEMIPK	18
PPUB+3711	Proteomics_pub	4186955	4186981	+	2	QLNVFEGER	9
PPUB+3712	Proteomics_pub	4186982	4187038	+	2	VERGDVISDGPEAPHDILR	19
PPUB+3713	Proteomics_pub	4186991	4187038	+	2	GDVISDGPEAPHDILR	16
PPUB+3714	Proteomics_pub	4187066	4187098	+	2	YIVNEVQDVYR	11
PPUB+3715	Proteomics_pub	4187114	4187146	+	2	INDKHIEVIVR	11
PPUB+3716	Proteomics_pub	4187159	4187224	+	2	KATIVNAGSSDFLEGEQVEYSR	22
PPUB+3717	Proteomics_pub	4187162	4187224	+	2	ATIVNAGSSDFLEGEQVEYSR	21
PPUB+3718	Proteomics_pub	4187231	4187263	+	2	IANRELEANGK	11
PPUB+3719	Proteomics_pub	4187306	4187362	+	2	ASLATESFISAASFQETTR	19
PPUB+3720	Proteomics_pub	4187363	4187392	+	2	VLTEAAVAGK	10
PPUB+3721	Proteomics_pub	4187363	4187395	+	2	VLTEAAVAGKR	11
PPUB+3722	Proteomics_pub	4187408	4187437	+	2	GLKENVIVGR	10
PPUB+3723	Proteomics_pub	4187438	4187479	+	2	LIPAGTGYAYHQDR	14
PPUB+3724	Proteomics_pub	4187492	4187593	+	2	AAGEAPAAPQVTAEDASASLAELLNAGLGGSDNE	34
PPUB+3725	Proteomics_pub	4193595	4193648	+	3	DALAPHISAETIEYHYGK	18
PPUB+3726	Proteomics_pub	4195859	4195891	+	2	AQAGDFMSLCK	11
PPUB+3727	Proteomics_pub	4196033	4196056	+	2	FTSPVTCK	8
PPUB+3728	Proteomics_pub	4196462	4196488	+	2	RVPVTLFTK	9
PPUB+3729	Proteomics_pub	4197722	4197748	+	2	VNFDSQLEK	9

PPUB+3730	Proteomics_pub	4197848	4197889	+	2	LSGETLEHAVEVSK	14
PPUB+3731	Proteomics_pub	4198076	4198114	+	2	EAGESNIGIIFQQ	13
PPUB+3732	Proteomics_pub	4198304	4198342	+	2	MNKTQLIDVIAEK	13
PPUB+3733	Proteomics_pub	4198313	4198342	+	2	TQLIDVIAEK	10
PPUB+3734	Proteomics_pub	4198313	4198357	+	2	TQLIDVIAEKAELSK	15
PPUB+3735	Proteomics_pub	4198370	4198414	+	2	AALESTLAAITESLK	15
PPUB+3736	Proteomics_pub	4198370	4198456	+	2	AALESTLAAITESLKEGDAVQLVGFQTFK	29
PPUB+3737	Proteomics_pub	4198415	4198456	+	2	EGDAVQLVGFQTFK	14
PPUB+3738	Proteomics_pub	4198478	4198504	+	2	TGRNPQTGK	9
PPUB+3739	Proteomics_pub	4198478	4198504	+	2	TGRNPQTGK	9
PPUB+3740	Proteomics_pub	4198514	4198552	+	2	IAAANVPFVSGK	13
PPUB+3741	Proteomics_pub	4223777	4223815	+	2	TDDTANAQQAQEW	13
PPUB+3742	Proteomics_pub	4224839	4224868	+	2	GVVGLFPANR	10
PPUB+3743	Proteomics_pub	4231781	4231831	+	2	MKNINPTQTAAWQALQK	17
PPUB+3744	Proteomics_pub	4231787	4231831	+	2	NINPTQTAAWQALQK	15
PPUB+3745	Proteomics_pub	4231832	4231879	+	2	HFDEMKDVTIADLFAK	16
PPUB+3746	Proteomics_pub	4231850	4231879	+	2	DVTIADLFAK	10
PPUB+3747	Proteomics_pub	4231901	4231945	+	2	FSATFDDQMLVDYSK	15
PPUB+3748	Proteomics_pub	4231946	4231975	+	2	NRITEETLAK	10
PPUB+3749	Proteomics_pub	4231994	4232020	+	2	ECDLAGAIK	9
PPUB+3750	Proteomics_pub	4232093	4232122	+	2	SNTPIILVDGK	10
PPUB+3751	Proteomics_pub	4232093	4232158	+	2	SNTPIILVDGKDVMPVNAVLEK	22
PPUB+3752	Proteomics_pub	4232123	4232158	+	2	DVMPVNAVLEK	12
PPUB+3753	Proteomics_pub	4232165	4232200	+	2	TFSEAIISGEWK	12
PPUB+3754	Proteomics_pub	4232216	4232299	+	2	AITDVVNIGIGGSDLGPYMTALRQYK	28
PPUB+3755	Proteomics_pub	4232300	4232362	+	2	NHLNMHFVSNVDGTHIAEVLK	21
PPUB+3756	Proteomics_pub	4232363	4232404	+	2	KVNPETTLFLVASK	14
PPUB+3757	Proteomics_pub	4232366	4232404	+	2	VNPETTLFLVASK	13
PPUB+3758	Proteomics_pub	4232405	4232449	+	2	TFTTQETMTNAHSAR	15
PPUB+3759	Proteomics_pub	4232495	4232524	+	2	HFAALSTNAK	10
PPUB+3760	Proteomics_pub	4232687	4232713	+	2	HFSTTPAEK	9
PPUB+3761	Proteomics_pub	4232813	4232857	+	2	FAAYFQQGNMESNGK	15
PPUB+3762	Proteomics_pub	4232870	4232971	+	2	NGNVVDYQTGPPIIWGEPGTNGQHAFYQLIHQGTK	34
PPUB+3763	Proteomics_pub	4233038	4233085	+	2	LLSNFFAQTEALAFGK	16
PPUB+3764	Proteomics_pub	4233086	4233115	+	2	SREVVEQEYR	10
PPUB+3765	Proteomics_pub	4233092	4233127	+	2	EVVEQEYRDQGK	12
PPUB+3766	Proteomics_pub	4233116	4233163	+	2	DQGKDPATLDYVVPFK	16
PPUB+3767	Proteomics_pub	4233128	4233163	+	2	DPATLDYVVPFK	12
PPUB+3768	Proteomics_pub	4233164	4233205	+	2	VFEGNRPTNSILLR	14
PPUB+3769	Proteomics_pub	4233206	4233256	+	2	EITPFSLGALIALYEHK	17
PPUB+3770	Proteomics_pub	4233365	4233409	+	2	EISSHDSSTNGLINR	15
PPUB+3771	Proteomics_pub	4244810	4244839	+	2	ASVQLQNVTK	10
PPUB+3772	Proteomics_pub	4245005	4245031	+	2	MNDTPPAER	9
PPUB+3773	Proteomics_pub	4245491	4245520	+	2	FVAGFIGSPK	10
PPUB+3774	Proteomics_pub	4246336	4246383	+	1	NLIEWLPGSTIWAGKR	16
PPUB+3775	Proteomics_pub	4247074	4247100	+	1	TGDKNNQYK	9

PPUB+3776	Proteomics_pub	4247245	4247283	+	1	AVPADFNNGGSFGR	13
PPUB+3777	Proteomics_pub	4248018	4248044	+	3	LTPALGQQK	9
PPUB+3778	Proteomics_pub	4248075	4248113	+	3	DLQQTQLLDPK	13
PPUB+3779	Proteomics_pub	4248126	4248170	+	3	GVGNSIPDIPDPVAR	15
PPUB+3780	Proteomics_pub	4255159	4255185	+	1	QQEVFDLIR	9
PPUB+3781	Proteomics_pub	4255339	4255380	+	1	LLQEEEEGLPLVGR	14
PPUB+3782	Proteomics_pub	4257329	4257364	+	2	LTDDDMTIIEGK	12
PPUB+3783	Proteomics_pub	4257329	4257367	+	2	LTDDDMTIIEGKR	13
PPUB+3784	Proteomics_pub	4260556	4260594	+	1	ELSQGTYLGHITR	13
PPUB+3785	Proteomics_pub	4260643	4260669	+	1	RYLSENAHK	9
PPUB+3786	Proteomics_pub	4265365	4265412	+	1	HAIAPLLFGADHPVLK	16
PPUB+3787	Proteomics_pub	4265422	4265463	+	1	VATIQLTGGSGALK	14
PPUB+3788	Proteomics_pub	4265614	4265640	+	1	FNDLLATLK	9
PPUB+3789	Proteomics_pub	4265902	4265949	+	1	VGGLSVMCEDAEAAGR	16
PPUB+3790	Proteomics_pub	4266052	4266084	+	1	ASWLAEVEEMR	11
PPUB+3791	Proteomics_pub	4266148	4266174	+	1	NFDYLLNQR	9
PPUB+3792	Proteomics_pub	4266175	4266219	+	1	GMFSYTGLSAAQVDR	15
PPUB+3793	Proteomics_pub	4266220	4266261	+	1	LREEFGVYAVASGR	14
PPUB+3794	Proteomics_pub	4266262	4266300	+	1	MCVAGLNTANVQR	13
PPUB+3795	Proteomics_pub	4272172	4272213	+	1	VILVGNLQDPEVR	14
PPUB+3796	Proteomics_pub	4272337	4272366	+	1	LAEVASEYLR	10
PPUB+3797	Proteomics_pub	4272370	4272402	+	1	GSQVYIEGQLR	11
PPUB+3798	Proteomics_pub	4272409	4272438	+	1	KWTDQSGQDR	10
PPUB+3799	Proteomics_pub	4272412	4272438	+	1	WTDQSGQDR	9
PPUB+3800	Proteomics_pub	4272412	4272495	+	1	WTDQSGQDRYTTEVVVNVGGTMQMLGGR	28
PPUB+3801	Proteomics_pub	4279467	4279508	+	3	NDVESSVQEENLER	14
PPUB+3802	Proteomics_pub	4328564	4328590	+	2	DVTIIDDGK	9
PPUB+3803	Proteomics_pub	4329179	4329223	+	2	HALEETPAFQQHVDK	15
PPUB+3804	Proteomics_pub	4329905	4329943	+	2	EILVEHYDNIEQK	13
PPUB+3805	Proteomics_pub	4329944	4329985	+	2	IDDIDHEIADLQAK	14
PPUB+3806	Proteomics_pub	4368711	4368737	+	3	MNIRPLHDR	9
PPUB+3807	Proteomics_pub	4368771	4368812	+	3	SAGGIVLTGSAAAK	14
PPUB+3808	Proteomics_pub	4368813	4368851	+	3	STRGEVLAVGNR	13
PPUB+3809	Proteomics_pub	4368822	4368851	+	3	GEVLAVGNR	10
PPUB+3810	Proteomics_pub	4368852	4368890	+	3	ILENGEVKPLDVK	13
PPUB+3811	Proteomics_pub	4368891	4368932	+	3	VGDIVIFNDGYGVK	14
PPUB+3812	Proteomics_pub	4368942	4369001	+	3	IDNEEVLIMSESDILAIVEA	20
PPUB+3813	Proteomics_pub	4369093	4369131	+	1	MLRGVNVLADAVK	13
PPUB+3814	Proteomics_pub	4369102	4369131	+	1	GVNVLADAVK	10
PPUB+3815	Proteomics_pub	4369102	4369149	+	1	GVNVLADAVKVTLGPK	16
PPUB+3816	Proteomics_pub	4369156	4369200	+	1	NVVLDKSFGAPTITK	15
PPUB+3817	Proteomics_pub	4369174	4369200	+	1	SFGAPTITK	9
PPUB+3818	Proteomics_pub	4369174	4369221	+	1	SFGAPTITKDGVSVAR	16
PPUB+3819	Proteomics_pub	4369222	4369272	+	1	EIELEDKFENMGAQMVK	17
PPUB+3820	Proteomics_pub	4369243	4369272	+	1	FENMGAQMVK	10
PPUB+3821	Proteomics_pub	4369288	4369362	+	1	ANDAAGDGTTTATVLAQAIITEGLK	25

PPUB+3822	Proteomics_pub	4369363	4369398	+	1	AVAAGMNPMDLK	12
PPUB+3823	Proteomics_pub	4369363	4369401	+	1	AVAAGMNPMDLKR	13
PPUB+3824	Proteomics_pub	4369402	4369443	+	1	GIDKAVTAAVEELK	14
PPUB+3825	Proteomics_pub	4369414	4369443	+	1	AVTAAVEELK	10
PPUB+3826	Proteomics_pub	4369444	4369473	+	1	ALSVPCSDSK	10
PPUB+3827	Proteomics_pub	4369474	4369527	+	1	AIAQVGTISANSDETVGK	18
PPUB+3828	Proteomics_pub	4369474	4369551	+	1	AIAQVGTISANSDETVGKLIAEAMDK	26
PPUB+3829	Proteomics_pub	4369528	4369560	+	1	LIAEAMDKVVK	11
PPUB+3830	Proteomics_pub	4369561	4369638	+	1	EGVITVEDGTGLQDELDVVEGMQFDR	26
PPUB+3831	Proteomics_pub	4369639	4369722	+	1	GYLSPYFINKPETGAVELESPFILLADK	28
PPUB+3832	Proteomics_pub	4369639	4369725	+	1	GYLSPYFINKPETGAVELESPFILLADKK	29
PPUB+3833	Proteomics_pub	4369726	4369773	+	1	ISNIREMLPVLEAVAK	16
PPUB+3834	Proteomics_pub	4369741	4369773	+	1	EMLPVLEAVAK	11
PPUB+3835	Proteomics_pub	4369774	4369851	+	1	AGKPLLIIAEDVEGEALATLVVNTMR	26
PPUB+3836	Proteomics_pub	4369864	4369899	+	1	VAVKAPGFGDR	12
PPUB+3837	Proteomics_pub	4369879	4369902	+	1	APGFGDRR	8
PPUB+3838	Proteomics_pub	4369906	4369980	+	1	AMLQDIATLTGGTVISEEIGMELEK	25
PPUB+3839	Proteomics_pub	4369981	4370010	+	1	ATLEDLGQAK	10
PPUB+3840	Proteomics_pub	4369981	4370013	+	1	ATLEDLGQAKR	11
PPUB+3841	Proteomics_pub	4370014	4370082	+	1	VVINKDTTTIIDGVGEEAAIQGR	23
PPUB+3842	Proteomics_pub	4370029	4370082	+	1	DTTTIIDGVGEEAAIQGR	18
PPUB+3843	Proteomics_pub	4370098	4370133	+	1	QQIEEATSDYDR	12
PPUB+3844	Proteomics_pub	4370098	4370139	+	1	QQIEEATSDYDREK	14
PPUB+3845	Proteomics_pub	4370188	4370217	+	1	VGAATEVEMK	10
PPUB+3846	Proteomics_pub	4370188	4370223	+	1	VGAATEVEMKEK	12
PPUB+3847	Proteomics_pub	4370227	4370259	+	1	ARVEDALHATR	11
PPUB+3848	Proteomics_pub	4370233	4370259	+	1	VEDALHATR	9
PPUB+3849	Proteomics_pub	4370260	4370310	+	1	AAVEEGVVAGGGVALIR	17
PPUB+3850	Proteomics_pub	4370323	4370370	+	1	LADLRGQNEQNVGIK	16
PPUB+3851	Proteomics_pub	4370338	4370370	+	1	GQNEQNVGIK	11
PPUB+3852	Proteomics_pub	4370383	4370457	+	1	AMEAPLRQIVLNCGEEPSVVANTVK	25
PPUB+3853	Proteomics_pub	4370404	4370457	+	1	QIVLNCGEEPSVVANTVK	18
PPUB+3854	Proteomics_pub	4370458	4370541	+	1	GGDGNYGYNAAATEEYGNMIDMGILDPTK	28
PPUB+3855	Proteomics_pub	4370551	4370625	+	1	SALQYAASVAGLMITTECMVTDLPK	25
PPUB+3856	Proteomics_pub	4370626	4370691	+	1	NDAADLGAAGGMGGMGGMGGMM	22
PPUB+3857	Proteomics_pub	4373725	4373751	+	1	ATYYSNDFR	9
PPUB+3858	Proteomics_pub	4373725	4373763	+	1	ATYYSNDFRAGLK	13
PPUB+3859	Proteomics_pub	4374151	4374210	+	1	GDTAGTGGKPATLSTGAVVK	20
PPUB+3860	Proteomics_pub	4374211	4374246	+	1	VPLFVQIGEVK	12
PPUB+3861	Proteomics_pub	4381044	4381130	+	3	LMNEVDDLLQQVLDCPAAESLSYQQAFLR	29
PPUB+3862	Proteomics_pub	4381131	4381163	+	3	YLEIDPLSADK	11
PPUB+3863	Proteomics_pub	4381131	4381175	+	3	YLEIDPLSADKTQLR	15
PPUB+3864	Proteomics_pub	4381482	4381529	+	3	GLPQHPIDQNLIEALK	16
PPUB+3865	Proteomics_pub	4389630	4389698	+	3	SANENNLIIWIDLEMTGLDPERDR	23
PPUB+3866	Proteomics_pub	4389819	4389848	+	3	THTASGLVER	10
PPUB+3867	Proteomics_pub	4389876	4389908	+	3	EAELATLEFLK	11

PPUB+3868	Proteomics_pub	4389930	4389965	+	3	SPICGNSIGQDR	12
PPUB+3869	Proteomics_pub	4389930	4389968	+	3	SPICGNSIGQDRR	13
PPUB+3870	Proteomics_pub	4389981	4390016	+	3	YMPELEAYFHyr	12
PPUB+3871	Proteomics_pub	4390056	4390088	+	3	WKPEILDGFTK	11
PPUB+3872	Proteomics_pub	4390122	4390151	+	3	ESVAELAYR	10
PPUB+3873	Proteomics_pub	4398314	4398358	+	2	AKGQSLQDPFLNALR	15
PPUB+3874	Proteomics_pub	4398320	4398358	+	2	GQSLQDPFLNALR	13
PPUB+3875	Proteomics_pub	4398320	4398361	+	2	GQSLQDPFLNALRR	14
PPUB+3876	Proteomics_pub	4398362	4398403	+	2	ERVVSIYLVNGIK	14
PPUB+3877	Proteomics_pub	4398368	4398403	+	2	VPVSIYLVNGIK	12
PPUB+3878	Proteomics_pub	4398404	4398451	+	2	LQGQIESFDQFVILLK	16
PPUB+3879	Proteomics_pub	4398452	4398478	+	2	NTVSQMYYK	9
PPUB+3880	Proteomics_pub	4398908	4398964	+	2	ATGASVVLFDHALSPAQR	19
PPUB+3881	Proteomics_pub	4399775	4399807	+	2	LSGEVAQHTLR	11
PPUB+3882	Proteomics_pub	4399841	4399867	+	2	FYQLQAIK	9
PPUB+3883	Proteomics_pub	4400163	4400198	+	3	DQGPPDLDIFR	12
PPUB+3884	Proteomics_pub	4400238	4400297	+	3	GTGSGGGSSSQGPRPQLGGR	20
PPUB+3885	Proteomics_pub	4400535	4400558	+	3	VEMNVQYR	8
PPUB+3886	Proteomics_pub	4400577	4400615	+	3	YLYSVTSPDDSLRL	13
PPUB+3887	Proteomics_pub	4400805	4400834	+	3	AAFDDAIAAR	10
PPUB+3888	Proteomics_pub	4400859	4400894	+	3	EAEAYTNEVQPR	12
PPUB+3889	Proteomics_pub	4400943	4400981	+	3	AQTILEAQGEVAR	13
PPUB+3890	Proteomics_pub	4401578	4401604	+	2	DLIVDSYIK	9
PPUB+3891	Proteomics_pub	4401956	4402000	+	2	QINLPTEVSEAIYNR	15
PPUB+3892	Proteomics_pub	4402073	4402099	+	2	ATADYEVTR	9
PPUB+3893	Proteomics_pub	4402166	4402216	+	2	LFADAFSKDPDFYAFIR	17
PPUB+3894	Proteomics_pub	4402190	4402216	+	2	DPDFYAFIR	9
PPUB+3895	Proteomics_pub	4402713	4402760	+	3	GNNVVVLGTQWGDEGK	16
PPUB+3896	Proteomics_pub	4402809	4402859	+	3	YQGGHNAGHTLVINGEK	17
PPUB+3897	Proteomics_pub	4402860	4402895	+	3	TVLHLIPSGILR	12
PPUB+3898	Proteomics_pub	4402896	4402955	+	3	ENVTSIINGVVLSPAALMK	20
PPUB+3899	Proteomics_pub	4403001	4403063	+	3	LLLSEACPLILDYHVALDNAR	21
PPUB+3900	Proteomics_pub	4403106	4403132	+	3	GIGPAYEDK	9
PPUB+3901	Proteomics_pub	4403106	4403141	+	3	GIGPAYEDKVAR	12
PPUB+3902	Proteomics_pub	4403154	4403192	+	3	VGDLFDKETFAEK	13
PPUB+3903	Proteomics_pub	4403193	4403243	+	3	LKEVMEYHNFQLVNYK	17
PPUB+3904	Proteomics_pub	4403199	4403243	+	3	EVMEYHNFQLVNYK	15
PPUB+3905	Proteomics_pub	4403268	4403348	+	3	VLDDTMAVADILTSMVVDVSDLLDQAR	27
PPUB+3906	Proteomics_pub	4403484	4403513	+	3	YVDYVLGILK	10
PPUB+3907	Proteomics_pub	4403484	4403528	+	3	YVDYVLGILKAYSTR	15
PPUB+3908	Proteomics_pub	4403589	4403621	+	3	QGNFEGATTGR	11
PPUB+3909	Proteomics_pub	4403628	4403660	+	3	RTGWLDTVAVR	11
PPUB+3910	Proteomics_pub	4403631	4403660	+	3	TGWLDTVAVR	10
PPUB+3911	Proteomics_pub	4403631	4403663	+	3	TGWLDTVAVRR	11
PPUB+3912	Proteomics_pub	4403661	4403705	+	3	RAVQLNSLSGFCLTK	15
PPUB+3913	Proteomics_pub	4403664	4403705	+	3	AVQLNSLSGFCLTK	14

PPUB+3914	Proteomics_pub	4403772	4403810	+	3	EVTTPPLAADDWK	13
PPUB+3915	Proteomics_pub	4403811	4403870	+	3	GVEPIYETMPGWSESTFGVK	20
PPUB+3916	Proteomics_pub	4403877	4403912	+	3	SGLPQAALNYIK	12
PPUB+3917	Proteomics_pub	4403913	4403969	+	3	RIEELTGVPIDIISTGPDR	19
PPUB+3918	Proteomics_pub	4403916	4403969	+	3	IEELTGVPIDIISTGPDR	18
PPUB+3919	Proteomics_pub	4403970	4404005	+	3	TETMILRDPFDA	12
PPUB+3920	Proteomics_pub	4404740	4404766	+	2	EFILEHLTK	9
PPUB+3921	Proteomics_pub	4404869	4404892	+	2	DGQLVFTR	8
PPUB+3922	Proteomics_pub	4405832	4405867	+	2	VWHILQGDQDLR	12
PPUB+3923	Proteomics_pub	4405949	4405981	+	2	GGISFESEEA	11
PPUB+3924	Proteomics_pub	4406129	4406170	+	2	IHDKPSTEAITSF	14
PPUB+3925	Proteomics_pub	4406309	4406335	+	2	QAIYDPENR	9
PPUB+3926	Proteomics_pub	4406747	4406779	+	2	LMGESSGQTYR	11
PPUB+3927	Proteomics_pub	4406831	4406863	+	2	KIDFSLISSER	11
PPUB+3928	Proteomics_pub	4407481	4407516	+	1	SDGAVHQGIAR	12
PPUB+3929	Proteomics_pub	4407532	4407639	+	1	QYQENDLPDLIASLDQPFLILDGVTDPHNLGACLR	36
PPUB+3930	Proteomics_pub	4423147	4423212	+	1	HYEIVFMVHPDQSEQVPGMIER	22
PPUB+3931	Proteomics_pub	4423213	4423245	+	1	YTAAITGAEGK	11
PPUB+3932	Proteomics_pub	4423246	4423272	+	1	IHRLEDWGR	9
PPUB+3933	Proteomics_pub	4423273	4423299	+	1	RQLAYPINK	9
PPUB+3934	Proteomics_pub	4423276	4423299	+	1	QLAYPINK	8
PPUB+3935	Proteomics_pub	4423309	4423377	+	1	AHYVLMNVEAPQEVIDELETTFR	23
PPUB+3936	Proteomics_pub	4423414	4423452	+	1	TKHAVTEASPMVK	13
PPUB+3937	Proteomics_pub	4423420	4423452	+	1	HAVTEASPMVK	11
PPUB+3938	Proteomics_pub	4423477	4423533	+	1	RDDFANETADDAEAGDSEE	19
PPUB+3939	Proteomics_pub	4423480	4423533	+	1	DDFANETADDAEAGDSEE	18
PPUB+3940	Proteomics_pub	4423898	4423933	+	2	FTAEGVQEIDYK	12
PPUB+3941	Proteomics_pub	4423898	4423951	+	2	FTAEGVQEIDYKDIATLK	18
PPUB+3942	Proteomics_pub	4423952	4423990	+	2	NYITESGKIVPSR	13
PPUB+3943	Proteomics_pub	4424051	4424080	+	2	YLSLLPYTDR	10
PPUB+3944	Proteomics_pub	4424051	4424086	+	2	YLSLLPYTDRHQ	12
PPUB+3945	Proteomics_pub	4424155	4424196	+	1	VANLGLSLGDQVNVK	14
PPUB+3946	Proteomics_pub	4424197	4424235	+	1	AGYARNFLVPQGK	13
PPUB+3947	Proteomics_pub	4424212	4424235	+	1	NFLVPQGK	8
PPUB+3948	Proteomics_pub	4424254	4424280	+	1	KNIEFFEAR	9
PPUB+3949	Proteomics_pub	4424302	4424334	+	1	LAEVLAANAR	11
PPUB+3950	Proteomics_pub	4424302	4424343	+	1	LAEVLAANARA EK	14
PPUB+3951	Proteomics_pub	4424344	4424379	+	1	INALETVTIASK	12
PPUB+3952	Proteomics_pub	4424422	4424466	+	1	DIADAVTAAGVEVAK	15
PPUB+3953	Proteomics_pub	4424467	4424499	+	1	SEVRLPNGVLR	11
PPUB+3954	Proteomics_pub	4424500	4424553	+	1	TTGEHEVSFQVHSEVFAK	18
PPUB+3955	Proteomics_pub	4427105	4427137	+	2	HPAVPVDVVHR	11
PPUB+3956	Proteomics_pub	4427186	4427215	+	2	FQAMAAEGVK	10
PPUB+3957	Proteomics_pub	4427216	4427239	+	2	YLEENAKK	8
PPUB+3958	Proteomics_pub	4427237	4427278	+	2	KEGVNSTESGLQFR	14
PPUB+3959	Proteomics_pub	4427240	4427278	+	2	EGVNSTESGLQFR	13

PPUB+3960	Proteomics_pub	4427279	4427314	+	2	VINQGEAIPAR	12
PPUB+3961	Proteomics_pub	4427279	4427323	+	2	VINQGEAIPARTDR	15
PPUB+3962	Proteomics_pub	4427330	4427386	+	2	VHYTGKLDIGTVFDSSVAR	19
PPUB+3963	Proteomics_pub	4427348	4427386	+	2	LIDGTVFDSSVAR	13
PPUB+3964	Proteomics_pub	4427387	4427467	+	2	GEPAEFPVNGVIPGWIEALTLMPVGSK	27
PPUB+3965	Proteomics_pub	4427468	4427509	+	2	WELTIPQELAYGER	14
PPUB+3966	Proteomics_pub	4435270	4435326	+	1	EYLQQLGEHQTTSIGSSLK	19
PPUB+3967	Proteomics_pub	4435477	4435503	+	1	ESFLNPGFR	9
PPUB+3968	Proteomics_pub	4443602	4443628	+	2	LTGNVKQNK	9
PPUB+3969	Proteomics_pub	4444643	4444669	+	2	NLGGNVNIR	9
PPUB+3970	Proteomics_pub	4445279	4445311	+	2	LTGDLNVVQDK	11
PPUB+3971	Proteomics_pub	4446088	4446126	+	1	IDNATLAELDALR	13
PPUB+3972	Proteomics_pub	4456207	4456254	+	1	KGSASSTDLSPPQAIAR	16
PPUB+3973	Proteomics_pub	4456255	4456284	+	1	TVQAALDIAR	10
PPUB+3974	Proteomics_pub	4456324	4456410	+	1	ELLAFDAPDLDFHPAEVSPDEAIELAAR	29
PPUB+3975	Proteomics_pub	4456444	4456491	+	1	ITNTEGGSFNSHYGVK	16
PPUB+3976	Proteomics_pub	4456492	4456539	+	1	VFGNSHGMLQGYCSTR	16
PPUB+3977	Proteomics_pub	4456798	4456827	+	1	STFLLDLGLK	10
PPUB+3978	Proteomics_pub	4456879	4456917	+	1	GLASTPFDSEGVV	13
PPUB+3979	Proteomics_pub	4457038	4457076	+	1	IAGQGLSFEQMLK	13
PPUB+3980	Proteomics_pub	4457242	4457277	+	1	NIVTVGNDIETR	12
PPUB+3981	Proteomics_pub	4457278	4457319	+	1	SNIQCGSVLLPEMK	14
PPUB+3982	Proteomics_pub	4465813	4465866	+	1	TFDTHPEGLNQAEVESAR	18
PPUB+3983	Proteomics_pub	4466098	4466130	+	1	AMVSNTATVLR	11
PPUB+3984	Proteomics_pub	4466206	4466241	+	1	LAAGDMIPADLR	12
PPUB+3985	Proteomics_pub	4466794	4466829	+	1	IVLENHTDISGK	12
PPUB+3986	Proteomics_pub	4466842	4466889	+	1	VLHSAWLNSHYQTGLK	16
PPUB+3987	Proteomics_pub	4466890	4466940	+	1	NLLDTAVLEGTDDEESAR	17
PPUB+3988	Proteomics_pub	4466965	4466994	+	1	IDEIPDFFER	10
PPUB+3989	Proteomics_pub	4467052	4467093	+	1	GALQEILNVCSQVR	14
PPUB+3990	Proteomics_pub	4467346	4467381	+	1	ILTGDSSELVAAK	12
PPUB+3991	Proteomics_pub	4467541	4467597	+	1	EGHVVGFMGDGINDAPALR	19
PPUB+3992	Proteomics_pub	4467646	4467675	+	1	EAADIILLEK	10
PPUB+3993	Proteomics_pub	4472987	4473013	+	2	GKHDIENR	9
PPUB+3994	Proteomics_pub	4473179	4473214	+	2	DIAFLPEGVDEK	12
PPUB+3995	Proteomics_pub	4476499	4476528	+	1	ANPEQLEEQR	10
PPUB+3996	Proteomics_pub	4476499	4476540	+	1	ANPEQLEEQRETR	14
PPUB+3997	Proteomics_pub	4476541	4476639	+	1	LIIEELLEDDGSDPDALYTIHHLSADDLETLEK	33
PPUB+3998	Proteomics_pub	4494845	4494892	+	2	MLALGVYPEITLADAR	16
PPUB+3999	Proteomics_pub	4607440	4607472	+	1	TLSPYLQEVAK	11
PPUB+4000	Proteomics_pub	4607479	4607514	+	1	TFAIISHPDAGK	12
PPUB+4001	Proteomics_pub	4607533	4607577	+	1	VLLFGQAIQTAGTVK	15
PPUB+4002	Proteomics_pub	4607686	4607739	+	1	INIIDTPGHVDFTIEVER	18
PPUB+4003	Proteomics_pub	4607686	4607739	+	1	INIVDTPGHADFGGEVER	18
PPUB+4004	Proteomics_pub	4607740	4607787	+	1	TLTAVDCCLMVIDAAK	16
PPUB+4005	Proteomics_pub	4607830	4607865	+	1	LRDTPILTFMNK	12

PPUB+4006	Proteomics_pub	4607926	4607967	+	1	IGCAPITWPIGCGK	14
PPUB+4007	Proteomics_pub	4607998	4608027	+	1	DETYLYQSGK	10
PPUB+4008	Proteomics_pub	4608061	4608141	+	1	GLNNPDLDAAVGEDLAQQLRDELELVK	27
PPUB+4009	Proteomics_pub	4608298	4608342	+	1	TVEASEDKFTGFVFK	15
PPUB+4010	Proteomics_pub	4608595	4608633	+	1	FTGIPNFAPELFR	13
PPUB+4011	Proteomics_pub	4608853	4608876	+	1	WVECADAK	8
PPUB+4012	Proteomics_pub	4608988	4609017	+	1	YPDVQFHQTR	10
PPUB+4013	Proteomics_pub	4609566	4609604	+	3	VGNFMDDSAITAK	13
PPUB+4014	Proteomics_pub	4609656	4609739	+	3	VETTDGVVQLSGTVDSQAQSDRAESIAK	28
PPUB+4015	Proteomics_pub	4609740	4609772	+	3	GVEGVTSVSDK	11
PPUB+4016	Proteomics_pub	4609809	4609847	+	3	GYAGDTATTSEIK	13
PPUB+4017	Proteomics_pub	4609854	4609883	+	3	LLADDIVPSR	10
PPUB+4018	Proteomics_pub	4609893	4609976	+	3	VETTDGVVQLSGTVDSQAQSDRAESIAK	28
PPUB+4019	Proteomics_pub	4615346	4615375	+	2	MTDLKASSLR	10
PPUB+4020	Proteomics_pub	4615385	4615429	+	2	LMDLTLNDDDTDEK	15
PPUB+4021	Proteomics_pub	4615385	4615456	+	2	LMDLTLNDDDTDEKVIACHQAK	24
PPUB+4022	Proteomics_pub	4615430	4615456	+	2	VIALCHQAK	9
PPUB+4023	Proteomics_pub	4615457	4615498	+	2	TPVGNTAAICIYPR	14
PPUB+4024	Proteomics_pub	4615457	4615516	+	2	TPVGNTAAICIYPRFIPIAR	20
PPUB+4025	Proteomics_pub	4615520	4615552	+	2	TLKEQGTPEIR	11
PPUB+4026	Proteomics_pub	4615529	4615552	+	2	EQGTPEIR	8
PPUB+4027	Proteomics_pub	4615553	4615618	+	2	IATVTNFPHGNDIDIALAETR	22
PPUB+4028	Proteomics_pub	4615619	4615669	+	2	AAIAYGADEVVFFPYR	17
PPUB+4029	Proteomics_pub	4615670	4615714	+	2	ALMAGNEQVGFDLVK	15
PPUB+4030	Proteomics_pub	4615670	4615723	+	2	ALMAGNEQVGFDLVKACK	18
PPUB+4031	Proteomics_pub	4615715	4615756	+	2	ACKEACAAANVLLK	14
PPUB+4032	Proteomics_pub	4615724	4615756	+	2	EACAAANVLLK	11
PPUB+4033	Proteomics_pub	4615757	4615801	+	2	VIIETGELKDEALIR	15
PPUB+4034	Proteomics_pub	4615826	4615861	+	2	AGADFIKTSTGK	12
PPUB+4035	Proteomics_pub	4615847	4615894	+	2	TSTGKVAVNATPESAR	16
PPUB+4036	Proteomics_pub	4615862	4615894	+	2	VAVNATPESAR	11
PPUB+4037	Proteomics_pub	4615895	4615933	+	2	IMMEVIRDMGVEK	13
PPUB+4038	Proteomics_pub	4615934	4615966	+	2	TVGFKPAGGVR	11
PPUB+4039	Proteomics_pub	4615988	4616038	+	2	YLAIADFLGADWADAR	17
PPUB+4040	Proteomics_pub	4616039	4616083	+	2	HYRFGASSLLASLLK	15
PPUB+4041	Proteomics_pub	4616048	4616083	+	2	FGASSLLASLLK	12
PPUB+4042	Proteomics_pub	4616048	4616107	+	2	FGASSLLASLLKALGHGDGK	20
PPUB+4043	Proteomics_pub	4616084	4616107	+	2	ALGHGDGK	8
PPUB+4044	Proteomics_pub	4616084	4616122	+	2	ALGHGDGKSASSY	13
PPUB+4045	Proteomics_pub	4616252	4616281	+	2	MFLAQEIIRK	10
PPUB+4046	Proteomics_pub	4616288	4616320	+	2	DGHALSDEEIR	11
PPUB+4047	Proteomics_pub	4616342	4616419	+	2	DNTISEGQIAALAMTIFFHDMTMPER	26
PPUB+4048	Proteomics_pub	4616444	4616470	+	2	DSGTVLWDWK	9
PPUB+4049	Proteomics_pub	4616471	4616503	+	2	SLHLNGPIVDK	11
PPUB+4050	Proteomics_pub	4616597	4616629	+	2	GLGHTGGTLDK	11
PPUB+4051	Proteomics_pub	4616630	4616674	+	2	LESIPGFDIFPDDNR	15

PPUB+4052	Proteomics_pub	4616630	4616680	+	2	LESIPGFDIFPDDNRFR	17
PPUB+4053	Proteomics_pub	4616693	4616746	+	2	DVGVAIIGQTSSLAPADK	18
PPUB+4054	Proteomics_pub	4616693	4616749	+	2	DVGVAIIGQTSSLAPADKR	19
PPUB+4055	Proteomics_pub	4616765	4616821	+	2	DITATVDSIPLITASILAK	19
PPUB+4056	Proteomics_pub	4616822	4616863	+	2	KLAEGLDALVMDVK	14
PPUB+4057	Proteomics_pub	4616825	4616863	+	2	LAEGLDALVMDVK	13
PPUB+4058	Proteomics_pub	4616864	4616953	+	2	VGSGAFMPTYELSEALAEIIVGVANGAGVR	30
PPUB+4059	Proteomics_pub	4616954	4617022	+	2	TTALLTDMNQVLASSAGNAVEVR	23
PPUB+4060	Proteomics_pub	4617023	4617055	+	2	EAVQFLTGEYR	11
PPUB+4061	Proteomics_pub	4617023	4617064	+	2	EAVQFLTGEYRNPR	14
PPUB+4062	Proteomics_pub	4617143	4617175	+	2	AKLQAVLDNGK	11
PPUB+4063	Proteomics_pub	4617149	4617175	+	2	LQAVLDNGK	9
PPUB+4064	Proteomics_pub	4617149	4617196	+	2	LQAVLDNGKAAEVFGR	16
PPUB+4065	Proteomics_pub	4617215	4617247	+	2	GPTDFVENYAK	11
PPUB+4066	Proteomics_pub	4617248	4617274	+	2	YLPTAMLTk	9
PPUB+4067	Proteomics_pub	4617275	4617322	+	2	AVYADTEGFVSEMDTR	16
PPUB+4068	Proteomics_pub	4617323	4617361	+	2	ALGMAVVAMGGGR	13
PPUB+4069	Proteomics_pub	4617323	4617364	+	2	ALGMAVVAMGGGRR	14
PPUB+4070	Proteomics_pub	4617365	4617415	+	2	QASDTIDYSVGFDMAR	17
PPUB+4071	Proteomics_pub	4617416	4617466	+	2	LGQVDVGQRPLAVIHAK	17
PPUB+4072	Proteomics_pub	4617467	4617496	+	2	DENNWQEAAK	10
PPUB+4073	Proteomics_pub	4617518	4617559	+	2	LADKAPESTPTVYR	14
PPUB+4074	Proteomics_pub	4617530	4617559	+	2	APESTPTVYR	10
PPUB+4075	Proteomics_pub	4617692	4617745	+	2	FGDVGADTLGHIAEACAK	18
PPUB+4076	Proteomics_pub	4617767	4617799	+	2	KGPLNLPNLTR	11
PPUB+4077	Proteomics_pub	4617770	4617799	+	2	GPLNLPNLTR	10
PPUB+4078	Proteomics_pub	4617770	4617814	+	2	GPLNLPNLTRLGLAK	15
PPUB+4079	Proteomics_pub	4618031	4618111	+	2	ANLPGYLGNCSSGTVILDQLGEEHMK	27
PPUB+4080	Proteomics_pub	4618112	4618192	+	2	TGKPIFYTSADSVFQIACHEETFGLDK	27
PPUB+4081	Proteomics_pub	4618193	4618219	+	2	LYELCEIAR	9
PPUB+4082	Proteomics_pub	4618220	4618255	+	2	EELTNGGYNIGR	12
PPUB+4083	Proteomics_pub	4618256	4618285	+	2	VIARPFIGDK	10
PPUB+4084	Proteomics_pub	4618256	4618303	+	2	VIARPFIGDKAGNFQR	16
PPUB+4085	Proteomics_pub	4618304	4618360	+	2	TGNRHDLAVEPPAPTVLQK	19
PPUB+4086	Proteomics_pub	4618316	4618360	+	2	HDLAVEPPAPTVLQK	15
PPUB+4087	Proteomics_pub	4618376	4618402	+	2	HGQVVSVGK	9
PPUB+4088	Proteomics_pub	4618403	4618438	+	2	IADIYANCGITK	12
PPUB+4089	Proteomics_pub	4618403	4618441	+	2	IADIYANCGITK	13
PPUB+4090	Proteomics_pub	4618448	4618486	+	2	ATGLDALFDATIK	13
PPUB+4091	Proteomics_pub	4618565	4618606	+	2	DVAGYAAGLELDFDR	14
PPUB+4092	Proteomics_pub	4618610	4618636	+	2	LPELMSLLR	9
PPUB+4093	Proteomics_pub	4618637	4618708	+	2	DDDILILTADHGCDPTWTGTDHTR	24
PPUB+4094	Proteomics_pub	4618709	4618741	+	2	EHIPVLVYGPK	11
PPUB+4095	Proteomics_pub	4618742	4618768	+	2	VKPGSLGHR	9
PPUB+4096	Proteomics_pub	4618769	4618804	+	2	ETFADIGQTLAK	12
PPUB+4097	Proteomics_pub	4618805	4618837	+	2	YFGTSDMEYGK	11

PPUB+4098	Proteomics_pub	4618909	4618980	+	1	ATPHINAEMGDFADVLLMPGDPLR	24
PPUB+4099	Proteomics_pub	4618987	4619019	+	1	YIAETFLEDAR	11
PPUB+4100	Proteomics_pub	4618987	4619037	+	1	YIAETFLEDAREVNNVR	17
PPUB+4101	Proteomics_pub	4619038	4619067	+	1	GMLGFTGTYK	10
PPUB+4102	Proteomics_pub	4619074	4619130	+	1	KISVMGHGMGIPSCSIYTK	19
PPUB+4103	Proteomics_pub	4619077	4619130	+	1	ISVMGHGMGIPSCSIYTK	18
PPUB+4104	Proteomics_pub	4619131	4619157	+	1	ELITDFGVK	9
PPUB+4105	Proteomics_pub	4619131	4619160	+	1	ELITDFGVKK	10
PPUB+4106	Proteomics_pub	4619170	4619205	+	1	VGSCGAVLPHVK	12
PPUB+4107	Proteomics_pub	4619206	4619250	+	1	LRDVVIGMGACTDSK	15
PPUB+4108	Proteomics_pub	4619212	4619250	+	1	DVVIGMGACTDSK	13
PPUB+4109	Proteomics_pub	4619266	4619313	+	1	FKDHDFAAIADFDMMVR	16
PPUB+4110	Proteomics_pub	4619272	4619313	+	1	DHDFAAIADFDMMVR	14
PPUB+4111	Proteomics_pub	4619314	4619355	+	1	NAVDAAKALGIDAR	14
PPUB+4112	Proteomics_pub	4619356	4619424	+	1	VGNLFSADLFYSPDGEMFDVMEK	23
PPUB+4113	Proteomics_pub	4619425	4619493	+	1	YGILGVEMEAAGIYGVAEEFGAK	23
PPUB+4114	Proteomics_pub	4619494	4619529	+	1	ALTICTVSDHIR	12
PPUB+4115	Proteomics_pub	4619530	4619559	+	1	THEQTAAER	10
PPUB+4116	Proteomics_pub	4619530	4619586	+	1	THEQTAAERQTTFNMIK	19
PPUB+4117	Proteomics_pub	4619560	4619586	+	1	QTTFNMIK	9
PPUB+4118	Proteomics_pub	4619587	4619619	+	1	IALESVLLGDK	11
PPUB+4119	Proteomics_pub	4619587	4619622	+	1	IALESVLLGDKE	12
PPUB+4120	Proteomics_pub	4631844	4631876	+	3	HGESQWNKENR	11
PPUB+4121	Proteomics_pub	4633661	4633696	+	2	IVVEAFDDPDVK	12
PPUB+4122	Proteomics_pub	4633922	4633954	+	2	NALAYLAYS DK	11
PPUB+4123	Proteomics_pub	4633976	4634011	+	2	NAISAVPMPWR	12
PPUB+4124	Proteomics_pub	4634300	4634356	+	2	ILGLEIGADDYITKPFNPR	19
PPUB+4125	Proteomics_pub	4639061	4639099	+	2	IVDSQAHLEPATR	13
PPUB+4126	Proteomics_pub	4639268	4639306	+	2	SSWMSHAALVFGR	13
PPUB-1	Proteomics_pub	6229	6270	-	5	FHDWQPDFTPANAR	14
PPUB-2	Proteomics_pub	6397	6432	-	5	TLDYQSPLTTTR	12
PPUB-3	Proteomics_pub	20818	20850	-	5	ANLTAQINKLA	11
PPUB-4	Proteomics_pub	20824	20850	-	5	ANLTAQINK	9
PPUB-5	Proteomics_pub	20824	20856	-	5	HKANLTAQINK	11
PPUB-6	Proteomics_pub	20887	20931	-	5	AFNEMQPIVDRQAAK	15
PPUB-7	Proteomics_pub	20899	20931	-	5	AFNEMQPIVDR	11
PPUB-8	Proteomics_pub	20947	20979	-	5	KVYAAIEAGDK	11
PPUB-9	Proteomics_pub	20947	20976	-	5	VYAAIEAGDK	10
PPUB-10	Proteomics_pub	51768	51794	-	4	ITTEAFNQR	9
PPUB-11	Proteomics_pub	52179	52208	-	4	LQTHPFLGPK	10
PPUB-12	Proteomics_pub	52209	52256	-	4	LDQLTVIELDRDLAAR	16
PPUB-13	Proteomics_pub	52224	52256	-	4	LDQLTVIELDR	11
PPUB-14	Proteomics_pub	52320	52388	-	4	FGQNFLNDQFVIDSIVSAINPQK	23
PPUB-15	Proteomics_pub	53449	53487	-	5	FSEEAASWMQEQR	13
PPUB-16	Proteomics_pub	53449	53490	-	5	KFSEEAASWMQEQR	14
PPUB-17	Proteomics_pub	53641	53724	-	5	EFSDQPGSANQGGDLGWATPDIFDPAFR	28

PPUB-18	Proteomics_pub	53758	53790	-	5	VKLEQIAADIK	11
PPUB-19	Proteomics_pub	53791	53838	-	5	HILLKPSPIMTDEQAR	16
PPUB-20	Proteomics_pub	53896	53922	-	5	SGVGFHILK	9
PPUB-21	Proteomics_pub	53923	53949	-	5	KGDIVGPIR	9
PPUB-22	Proteomics_pub	53950	53997	-	5	IQELPGIFAQALSTAK	16
PPUB-23	Proteomics_pub	53998	54060	-	5	LAIHSAHQALNGGQMGWGR	21
PPUB-24	Proteomics_pub	54316	54351	-	5	LAYDGLNYNTYR	12
PPUB-25	Proteomics_pub	54358	54387	-	5	QNNMTLDQMR	10
PPUB-26	Proteomics_pub	54388	54432	-	5	ISDEQLDQAANIAK	15
PPUB-27	Proteomics_pub	54445	54483	-	5	LIMDQIILQMGQK	13
PPUB-28	Proteomics_pub	54502	54531	-	5	QQLPDDATLR	10
PPUB-29	Proteomics_pub	54788	54832	-	6	GLSSNYGLGTQEMLR	15
PPUB-30	Proteomics_pub	55100	55138	-	6	YASPEYIQATLPK	13
PPUB-31	Proteomics_pub	55175	55216	-	6	LDNVATSNSSIEYR	14
PPUB-32	Proteomics_pub	55304	55342	-	6	TGDDNITWENDDK	13
PPUB-33	Proteomics_pub	55415	55456	-	6	IASANQVTTGVTSR	14
PPUB-34	Proteomics_pub	55484	55576	-	6	AQYLYVPYRDQSDIYNYDSSLQSDYSGLFR	31
PPUB-35	Proteomics_pub	55847	55882	-	6	IYGQAVHFVNTR	12
PPUB-36	Proteomics_pub	56036	56071	-	6	YGSSTDGYATQK	12
PPUB-37	Proteomics_pub	56072	56110	-	6	VSDPSYFNDFDNK	13
PPUB-38	Proteomics_pub	56180	56221	-	6	VYEDEHPNDDSSRR	14
PPUB-39	Proteomics_pub	56183	56221	-	6	VYEDEHPNDDSSR	13
PPUB-40	Proteomics_pub	56441	56497	-	6	VGPVPIFYSPYLQLPVGDK	19
PPUB-41	Proteomics_pub	56804	56833	-	6	EAPGQPEPVR	10
PPUB-42	Proteomics_pub	56834	56866	-	6	LQADEVQLHQK	11
PPUB-43	Proteomics_pub	60436	60489	-	5	AVNPNIRDDELTAIESNR	18
PPUB-44	Proteomics_pub	60505	60543	-	5	NEADEKLSAELSR	13
PPUB-45	Proteomics_pub	60910	60951	-	5	EDAQFITWEHPLIR	14
PPUB-46	Proteomics_pub	61420	61467	-	5	IGQAHDIQIHVPYLEK	16
PPUB-47	Proteomics_pub	61693	61728	-	5	AATALQLEQVLR	12
PPUB-48	Proteomics_pub	61891	61917	-	5	VSGIMGARK	9
PPUB-49	Proteomics_pub	61918	61953	-	5	LPLPTQYQTAIK	12
PPUB-50	Proteomics_pub	62173	62223	-	5	NYRPVADAVAMLLAGNK	17
PPUB-51	Proteomics_pub	62224	62259	-	5	FHDFAQFVEEQK	12
PPUB-52	Proteomics_pub	62716	62748	-	5	VLLADEVGLGK	11
PPUB-53	Proteomics_pub	62971	63003	-	5	LDTEESGVALR	11
PPUB-54	Proteomics_pub	63142	63180	-	5	TVTLLFPSTGENR	13
PPUB-55	Proteomics_pub	66254	66307	-	6	LLYQAFPSIGGIVHHSR	18
PPUB-56	Proteomics_pub	66308	66337	-	6	KPSSDTPTHR	10
PPUB-57	Proteomics_pub	66841	66867	-	5	WNEVYYGFR	9
PPUB-58	Proteomics_pub	66895	66948	-	5	QFAEMHDIEITVIDNDTR	18
PPUB-59	Proteomics_pub	67048	67074	-	5	LPVANALWK	9
PPUB-60	Proteomics_pub	67096	67125	-	5	LLVNCIDTVK	10
PPUB-61	Proteomics_pub	67126	67194	-	5	LIFNTQTGPAIVASLIDLGDYR	23
PPUB-62	Proteomics_pub	67132	67194	-	5	LIFNTQTGPAIVASLIDLGDR	21
PPUB-63	Proteomics_pub	67315	67380	-	5	VMSTGLQGGTSFMEDYTYHFEK	22

PPUB-64	Proteomics_pub	67408	67452	-	5	LMQQGYGFAGEGDWK	15
PPUB-65	Proteomics_pub	67453	67479	-	5	QLPGLAVQR	9
PPUB-66	Proteomics_pub	67480	67542	-	5	FLEQGGFHAFITTFEDLHGLK	21
PPUB-67	Proteomics_pub	67564	67590	-	5	RQNVLEAAR	9
PPUB-68	Proteomics_pub	67735	67779	-	5	EVAVTDGDKVAAQIK	15
PPUB-69	Proteomics_pub	67753	67779	-	5	EVAVTDGDK	9
PPUB-70	Proteomics_pub	67753	67797	-	5	FGDNMREAVTDGDK	15
PPUB-71	Proteomics_pub	67876	67920	-	5	MRQQHAVVTGHWQDK	15
PPUB-72	Proteomics_pub	67876	67914	-	5	QQHAVVTGHWQDK	13
PPUB-73	Proteomics_pub	67921	67944	-	5	EFGFIGAR	8
PPUB-74	Proteomics_pub	68077	68121	-	5	CAGLVVWLHTFSPAQ	15
PPUB-75	Proteomics_pub	68143	68196	-	5	LVLKPLGTTTPEITAICR	18
PPUB-76	Proteomics_pub	68197	68262	-	5	QVTQHAEHVVNALNTEAKLPCK	22
PPUB-77	Proteomics_pub	68209	68262	-	5	QVTQHAEHVVNALNTEAK	18
PPUB-78	Proteomics_pub	68438	68473	-	6	SEQAQRFEQLYR	12
PPUB-79	Proteomics_pub	68510	68542	-	6	VHADIPSAQQK	11
PPUB-80	Proteomics_pub	68732	68815	-	6	GVITDLNLATDAPLLFGGLIAATAFGAR	28
PPUB-81	Proteomics_pub	68732	68821	-	6	LKGVITDLNLATDAPLLFGGLIAATAFGAR	30
PPUB-82	Proteomics_pub	68846	68896	-	6	NPSLDHLPVVDWFNGR	17
PPUB-83	Proteomics_pub	69134	69175	-	6	VIGTSTCDILIADK	14
PPUB-84	Proteomics_pub	69353	69427	-	6	SLWHESWGGLPPASFFDELDPILNR	25
PPUB-85	Proteomics_pub	69614	69649	-	6	LCHAPGNVDYSR	12
PPUB-86	Proteomics_pub	69818	69850	-	6	TVLAELSVEQR	11
PPUB-87	Proteomics_pub	69851	69883	-	6	DYIESMEAALK	11
PPUB-88	Proteomics_pub	69896	69931	-	6	GQFCDAPNNQFR	12
PPUB-89	Proteomics_pub	70004	70045	-	6	AIAIGLDFGSDSVR	14
PPUB-90	Proteomics_pub	72814	72855	-	5	GAIVGIIGPNGAGK	14
PPUB-91	Proteomics_pub	74512	74538	-	5	QAWISEWQR	9
PPUB-92	Proteomics_pub	74539	74595	-	5	LTKPATTLEFTPAEVAAQR	19
PPUB-93	Proteomics_pub	74596	74697	-	5	FLQFMVSPAFQNAIPTGNWMPVANVTLPAGFEK	34
PPUB-94	Proteomics_pub	74734	74799	-	5	KDNYAAANFSEGHYLQVEVAAR	22
PPUB-95	Proteomics_pub	74800	74862	-	5	GESDLVLSYTTSPAYHILEEK	21
PPUB-96	Proteomics_pub	74863	74895	-	5	GWSEAYGLFLK	11
PPUB-97	Proteomics_pub	74926	74961	-	5	VYGDDAPQAWQK	12
PPUB-98	Proteomics_pub	74962	75003	-	5	TSTPGLGLLLWMQK	14
PPUB-99	Proteomics_pub	75025	75054	-	5	ELVESDQNR	10
PPUB-100	Proteomics_pub	75205	75255	-	5	ADVVLGLDNNLLDAASK	17
PPUB-101	Proteomics_pub	75283	75321	-	5	LVALEDGVSLNLR	13
PPUB-102	Proteomics_pub	79043	79084	-	6	LSDAEVDELFAVK	14
PPUB-103	Proteomics_pub	79157	79195	-	6	EHAPWALTDYGFK	13
PPUB-104	Proteomics_pub	79196	79222	-	6	ENFGCGSSR	9
PPUB-105	Proteomics_pub	79310	79345	-	6	TGFGAHLFNDWR	12
PPUB-106	Proteomics_pub	79370	79432	-	6	HTGLVVPLDAANVDTDIIPK	21
PPUB-107	Proteomics_pub	79614	79655	-	4	LPGCSMCLAMNDR	14
PPUB-108	Proteomics_pub	79686	79715	-	4	AQAEAELDK	10
PPUB-109	Proteomics_pub	79716	79766	-	4	VAPGVQALVVPGSGPVK	17

PPUB-110	Proteomics_pub	79812	79841	-	4	VFIGSCTNSR	10
PPUB-111	Proteomics_pub	80076	80105	-	4	DFDDAVAYWK	10
PPUB-112	Proteomics_pub	80133	80177	-	4	AGLVAPDETTFNKYK	15
PPUB-113	Proteomics_pub	80238	80294	-	4	TGSAGGTGHVVEFCGEAIR	19
PPUB-114	Proteomics_pub	80625	80654	-	4	DINACGEMAR	10
PPUB-115	Proteomics_pub	80655	80696	-	4	TFATMDHNVSTQTK	14
PPUB-116	Proteomics_pub	80730	80777	-	4	HLVHEVTSPQAFDGLR	16
PPUB-117	Proteomics_pub	80888	80935	-	6	GAAAVSTDEMGDIAR	16
PPUB-118	Proteomics_pub	80987	81028	-	6	YSLDADDAACAIER	14
PPUB-119	Proteomics_pub	81029	81079	-	6	NIANPIAQILSLALLR	17
PPUB-120	Proteomics_pub	81341	81373	-	6	ANVLQSSILWR	11
PPUB-121	Proteomics_pub	81509	81544	-	6	ELTGGIYFGQPK	12
PPUB-122	Proteomics_pub	81587	81622	-	6	LYQGLEAFCLR	12
PPUB-123	Proteomics_pub	82060	82107	-	5	FHGVGLATDIVESSAK	16
PPUB-124	Proteomics_pub	82060	82110	-	5	RFHGVGLATDIVESSAK	17
PPUB-125	Proteomics_pub	82186	82215	-	5	ITEYNVELVK	10
PPUB-126	Proteomics_pub	82273	82296	-	5	LACGEEVK	8
PPUB-127	Proteomics_pub	82297	82353	-	5	LDYFSVQSGSNDIATAAVK	19
PPUB-128	Proteomics_pub	82381	82431	-	5	KGQVFDYDLEALAFIGK	17
PPUB-129	Proteomics_pub	82537	82611	-	5	NRENYEIMTPESIGLNQIQLNLSR	25
PPUB-130	Proteomics_pub	82612	82674	-	5	AIVGSGAFAHSSGIHQDGVLK	21
PPUB-131	Proteomics_pub	82726	82773	-	5	DILNVHTAINHQEIWR	16
PPUB-132	Proteomics_pub	82825	82860	-	5	QVEGAMNGIGER	12
PPUB-133	Proteomics_pub	83095	83139	-	5	NYTDDVEFSCEDAGR	15
PPUB-134	Proteomics_pub	83167	83193	-	5	STLDEVIER	9
PPUB-135	Proteomics_pub	83200	83244	-	5	IHTFIATSPMHIATK	15
PPUB-136	Proteomics_pub	83263	83292	-	5	DIDVAAESLK	10
PPUB-137	Proteomics_pub	83452	83490	-	5	DGEQALQASLSVK	13
PPUB-138	Proteomics_pub	83491	83526	-	5	SQQVIIIFDTTLR	12
PPUB-139	Proteomics_pub	111943	111993	-	5	LNLSLDSQLYPQISGHK	17
PPUB-140	Proteomics_pub	112279	112311	-	5	AAGSVLISAPR	11
PPUB-141	Proteomics_pub	134833	134859	-	5	QEITAALWK	9
PPUB-142	Proteomics_pub	134992	135048	-	5	HFIDHEINSIQNFMSDDMK	19
PPUB-143	Proteomics_pub	135085	135141	-	5	ALNYLIHQLESIVTIDYR	19
PPUB-144	Proteomics_pub	135142	135186	-	5	ADIEVSTCGVISPLK	15
PPUB-145	Proteomics_pub	135250	135300	-	5	TEHPGPLPETVVAHLDK	17
PPUB-146	Proteomics_pub	135379	135441	-	5	LTEILSETCSIIGANILNIAR	21
PPUB-147	Proteomics_pub	135442	135486	-	5	DGYIAYIDELYNANR	15
PPUB-148	Proteomics_pub	135541	135567	-	5	LHGFNNLTK	9
PPUB-149	Proteomics_pub	135706	135735	-	5	HLSTEIIQAR	10
PPUB-150	Proteomics_pub	136186	136227	-	5	HVLIIGGGDGAMLR	14
PPUB-151	Proteomics_pub	136330	136377	-	5	TDHQDLIIFENAAFGR	16
PPUB-152	Proteomics_pub	138931	138981	-	5	LPAGGQATPMTYEVNGK	17
PPUB-153	Proteomics_pub	139192	139230	-	5	QPAWGYISALDLK	13
PPUB-154	Proteomics_pub	139603	139659	-	5	GDYVTPTQPFSELSFRPTK	19
PPUB-155	Proteomics_pub	139660	139716	-	5	NGELVVPAPKPKVPQGAAK	19

PPUB-156	Proteomics_pub	139717	139746	-	5	TGNIFVLDRR	10
PPUB-157	Proteomics_pub	139720	139746	-	5	TGNIFVLDR	9
PPUB-158	Proteomics_pub	139870	139911	-	5	YASSILALNATTGK	14
PPUB-159	Proteomics_pub	140278	140301	-	5	LCETFANK	8
PPUB-160	Proteomics_pub	140302	140331	-	5	LIAINAENGK	10
PPUB-161	Proteomics_pub	140332	140358	-	5	IILPVNDGR	9
PPUB-162	Proteomics_pub	140428	140460	-	5	TNESFQHVTCR	11
PPUB-163	Proteomics_pub	140491	140520	-	5	LFALDAASGK	10
PPUB-164	Proteomics_pub	140521	140559	-	5	VGDTLYLCTAHQR	13
PPUB-165	Proteomics_pub	140641	140673	-	5	QINADNVHNLK	11
PPUB-166	Proteomics_pub	142059	142103	-	4	DLVDVTATNRETLEQR	15
PPUB-167	Proteomics_pub	142077	142103	-	4	DLVDVTATNR	9
PPUB-168	Proteomics_pub	142104	142151	-	4	VTIHGWAYGIHDGLLR	16
PPUB-169	Proteomics_pub	142248	142283	-	4	HSSLLGEMPQER	12
PPUB-170	Proteomics_pub	142479	142517	-	4	LTGLEPGELFVHR	13
PPUB-171	Proteomics_pub	142533	142562	-	4	FLWIGCSDSR	10
PPUB-172	Proteomics_pub	142563	142622	-	4	MLVEEDPGFFEKLAQAQKPR	20
PPUB-173	Proteomics_pub	142587	142622	-	4	MLVEEDPGFFEK	12
PPUB-174	Proteomics_pub	142623	142664	-	4	DIDTLISNNALWSK	14
PPUB-175	Proteomics_pub	142623	142670	-	4	MKDIDTLISNNALWSK	16
PPUB-176	Proteomics_pub	146347	146397	-	5	TWRPNVAYFEGDNEMKR	17
PPUB-177	Proteomics_pub	146494	146532	-	5	FSTYAIAAERGSR	13
PPUB-178	Proteomics_pub	146503	146532	-	5	FSTYAIAAER	10
PPUB-179	Proteomics_pub	148016	148057	-	6	DADTLLEVSETSKR	14
PPUB-180	Proteomics_pub	148019	148057	-	6	DADTLLEVSETSK	13
PPUB-181	Proteomics_pub	148136	148177	-	6	VLSSIADKLQAGER	14
PPUB-182	Proteomics_pub	148202	148228	-	6	NGYLTAEQR	9
PPUB-183	Proteomics_pub	148316	148342	-	6	DFQQLALIR	9
PPUB-184	Proteomics_pub	148343	148387	-	6	LFNLVQPDIACFGEK	15
PPUB-185	Proteomics_pub	148508	148540	-	6	KVDLVFAPSVK	11
PPUB-186	Proteomics_pub	148508	148537	-	6	VDLVFAPSVK	10
PPUB-187	Proteomics_pub	148553	148576	-	6	TLQEDCEK	8
PPUB-188	Proteomics_pub	148763	148795	-	6	MLIETLPLLR	11
PPUB-189	Proteomics_pub	148810	148866	-	5	QYMAEVESGVYPGEEHSFH	19
PPUB-190	Proteomics_pub	148879	148908	-	5	NFLAETGDIR	10
PPUB-191	Proteomics_pub	149035	149136	-	5	GDEAGDQLLSDALALEAAGAQLLVLECVVELAK	34
PPUB-192	Proteomics_pub	149035	149148	-	5	VQGRGDEAGDQLLSDALALEAAGAQLLVLECVVELAK	38
PPUB-193	Proteomics_pub	149215	149265	-	5	IEGGEWLIVETVQMLTER	17
PPUB-194	Proteomics_pub	149509	149547	-	5	FATITAYDYSFAK	13
PPUB-195	Proteomics_pub	149509	149550	-	5	RFATITAYDYSFAK	14
PPUB-196	Proteomics_pub	149569	149601	-	5	MKPTTISLLQK	11
PPUB-197	Proteomics_pub	152943	152975	-	4	GIEQQGNISIK	11
PPUB-198	Proteomics_pub	154512	154538	-	4	VTITQGGYK	9
PPUB-199	Proteomics_pub	158890	158916	-	5	DLLLGGKKPK	9
PPUB-200	Proteomics_pub	158917	158955	-	5	AGYEAWLVGGGVR	13
PPUB-201	Proteomics_pub	159025	159081	-	5	EESEAEQAVARPQVTVIPR	19

PPUB-202	Proteomics_pub	160188	160232	-	4	RLEARPTADLCIDCK	15
PPUB-203	Proteomics_pub	160344	160379	-	4	AAQEEEFSLER	12
PPUB-204	Proteomics_pub	160380	160433	-	4	TVTHMQDEAANFPDPVDR	18
PPUB-205	Proteomics_pub	160434	160460	-	4	NQLRDEVDR	9
PPUB-206	Proteomics_pub	160482	160580	-	4	TSSLSILAIAGVEPYQEKPGE EYMNEAQLAHR	33
PPUB-207	Proteomics_pub	174046	174087	-	5	IIGGGMPVGAFFGGR	14
PPUB-208	Proteomics_pub	174319	174360	-	5	YTLTCTYNDLASVR	14
PPUB-209	Proteomics_pub	174361	174426	-	5	AGSGALTLGQPNSPGVPADFAK	22
PPUB-210	Proteomics_pub	174511	174552	-	5	MVNSGTEATMSAIR	14
PPUB-211	Proteomics_pub	174601	174639	-	5	GLSFGAPTEMEVK	13
PPUB-212	Proteomics_pub	174733	174768	-	5	ADGAYLYDVGK	12
PPUB-213	Proteomics_pub	174769	174810	-	5	AFTGVGGTPLFIEK	14
PPUB-214	Proteomics_pub	174811	174846	-	5	ELIPGGVNSPVR	12
PPUB-215	Proteomics_pub	174847	174873	-	5	SENLISAAR	9
PPUB-216	Proteomics_pub	174847	174879	-	5	SKSENLISAAR	11
PPUB-217	Proteomics_pub	178470	178505	-	4	QSSLMVESLVQK	12
PPUB-218	Proteomics_pub	178506	178574	-	4	AISDVADQQSHLSFDEFLAVAAK	23
PPUB-219	Proteomics_pub	178728	178781	-	4	LIAAAEACIAELNLNAVR	18
PPUB-220	Proteomics_pub	178866	178898	-	4	VGDIVVSDEAR	11
PPUB-221	Proteomics_pub	179103	179147	-	4	IGIIGAMEEEVTLLR	15
PPUB-222	Proteomics_pub	183724	183753	-	5	ISEIEADLEK	10
PPUB-223	Proteomics_pub	183754	183780	-	5	HLESVVTNK	9
PPUB-224	Proteomics_pub	183865	183894	-	5	EVQEISPNLR	10
PPUB-225	Proteomics_pub	183895	183930	-	5	TVVADGVGQGYK	12
PPUB-226	Proteomics_pub	184042	184077	-	5	SLGITNPEEIDR	12
PPUB-227	Proteomics_pub	185135	185164	-	6	GKVGINELLR	10
PPUB-228	Proteomics_pub	185186	185215	-	6	YSLYCAVIVK	10
PPUB-229	Proteomics_pub	185216	185269	-	6	VPAGSVVVSGNLPSKDGK	18
PPUB-230	Proteomics_pub	185225	185269	-	6	VPAGSVVVSGNLPSK	15
PPUB-231	Proteomics_pub	185270	185296	-	6	ETGEIHYGR	9
PPUB-232	Proteomics_pub	185270	185308	-	6	IYDRETGEIHYGR	13
PPUB-233	Proteomics_pub	185387	185485	-	6	NVHLSGGVGIGGVLEPLQANPTIIEDNCFIGAR	33
PPUB-234	Proteomics_pub	185612	185647	-	6	EGFRVPPAAVR	12
PPUB-235	Proteomics_pub	185657	185680	-	6	FADYDEAR	8
PPUB-236	Proteomics_pub	185681	185704	-	6	YFDKVPK	8
PPUB-237	Proteomics_pub	185705	185764	-	6	AVLLSFRINDNQVIEGAESR	20
PPUB-238	Proteomics_pub	185705	185743	-	6	INDNQVIEGAESR	13
PPUB-239	Proteomics_pub	185768	185803	-	6	IDGQWVTHQWLK	12
PPUB-240	Proteomics_pub	185816	185863	-	6	EAVNQVIALLDGALR	16
PPUB-241	Proteomics_pub	185864	185902	-	6	AEITPANADTVTR	13
PPUB-242	Proteomics_pub	185864	185905	-	6	RAEITPANADTVTR	14
PPUB-243	Proteomics_pub	185906	185947	-	6	MQQLQNIETAFER	14
PPUB-244	Proteomics_pub	188715	188753	-	4	KDDTIPAIISHDE	13
PPUB-245	Proteomics_pub	188940	188981	-	4	GFHEEPQVLHYDSR	14
PPUB-246	Proteomics_pub	189009	189041	-	4	FVEAEGFSVVR	11
PPUB-247	Proteomics_pub	189093	189125	-	4	ITQESLYLALR	11

PPUB-248	Proteomics_pub	189135	189173	-	4	MFIVGKPTIMGER	13
PPUB-249	Proteomics_pub	189249	189305	-	4	SVCISINEVVCHGIPDDAK	19
PPUB-250	Proteomics_pub	217072	217101	-	5	TGDIVEYLVK	10
PPUB-251	Proteomics_pub	217135	217164	-	5	NLDNDDIEYK	10
PPUB-252	Proteomics_pub	217165	217236	-	5	ERPGVMFADMELIGIPHTIVLGDR	24
PPUB-253	Proteomics_pub	217237	217272	-	5	AQGIEVLLDDR	12
PPUB-254	Proteomics_pub	217240	217272	-	5	AQGIEVLLDDR	11
PPUB-255	Proteomics_pub	217321	217386	-	5	GIVWPDAIAPFQVAILPMNMHK	22
PPUB-256	Proteomics_pub	217387	217425	-	5	VVAAAIEQNYDER	13
PPUB-257	Proteomics_pub	217426	217470	-	5	NQILTMGCYIGVTR	15
PPUB-258	Proteomics_pub	217471	217497	-	5	ASVQGEDGR	9
PPUB-259	Proteomics_pub	217516	217554	-	5	GIEVGHIFQLGTK	13
PPUB-260	Proteomics_pub	217516	217557	-	5	RGIEVGHIFQLGTK	14
PPUB-261	Proteomics_pub	217570	217611	-	5	NVVAGDPSPDGQGR	14
PPUB-262	Proteomics_pub	217612	217644	-	5	DVATPEVADIR	11
PPUB-263	Proteomics_pub	217612	217671	-	5	HYFGINWDRDVATPEVADIR	20
PPUB-264	Proteomics_pub	217645	217671	-	5	HYFGINWDR	9
PPUB-265	Proteomics_pub	217723	217779	-	5	AGPGSLGPVNMPIPVIDR	19
PPUB-266	Proteomics_pub	217792	217851	-	5	AEKLPQVASPLTFATEEEIR	20
PPUB-267	Proteomics_pub	217792	217842	-	5	LPQVASPLTFATEEEIR	17
PPUB-268	Proteomics_pub	217852	217878	-	5	GDHELNEVK	9
PPUB-269	Proteomics_pub	217879	217923	-	5	AVEGSSFPQVALLVR	15
PPUB-270	Proteomics_pub	217948	217992	-	5	TIAELVEQFNLPKIEK	15
PPUB-271	Proteomics_pub	217993	218040	-	5	AAATQEMTLVDTPNAK	16
PPUB-272	Proteomics_pub	218362	218397	-	5	QLPLNFYQIQTK	12
PPUB-273	Proteomics_pub	218419	218490	-	5	FVDRGERPFVLGPTHEEVITDLIR	24
PPUB-274	Proteomics_pub	218419	218478	-	5	GERPFVLGPTHEEVITDLIR	20
PPUB-275	Proteomics_pub	218491	218520	-	5	WEQYGPELLR	10
PPUB-276	Proteomics_pub	218632	218673	-	5	LASGLYTWLPTGVR	14
PPUB-277	Proteomics_pub	218692	218739	-	5	ETPADAEVISHQLMLR	16
PPUB-278	Proteomics_pub	218740	218769	-	5	TSQYLLSTLK	10
PPUB-279	Proteomics_pub	219804	219845	-	4	IYTNAEELVGKPFRR	14
PPUB-280	Proteomics_pub	219891	219932	-	4	SPVEPVQSTAPQPK	14
PPUB-281	Proteomics_pub	220146	220193	-	4	FVQAYQSDEVYEAANK	16
PPUB-282	Proteomics_pub	220227	220283	-	4	DGIFVEDKESPYVNLIVTR	19
PPUB-283	Proteomics_pub	220227	220259	-	4	ESPYVNLIVTR	11
PPUB-284	Proteomics_pub	220362	220394	-	4	IVELEAPQLPR	11
PPUB-285	Proteomics_pub	220497	220562	-	4	SLDELQDGSQVAVPNDPTNLGR	22
PPUB-286	Proteomics_pub	220572	220622	-	4	LVAVGNTFVYPIAGYSK	17
PPUB-287	Proteomics_pub	220638	220694	-	4	GDIDANAFQHKPYLDQQLK	19
PPUB-288	Proteomics_pub	220776	220826	-	4	VGIVGAEQQVAEVAQK	17
PPUB-289	Proteomics_pub	222514	222555	-	5	GAIVGIIGPNGAGK	14
PPUB-290	Proteomics_pub	254403	254453	-	4	TPNIQIIHAGLECGLFK	17
PPUB-291	Proteomics_pub	254481	254537	-	4	GAYPGWQPDANSPVMHLVR	19
PPUB-292	Proteomics_pub	254565	254600	-	4	DYVVSMLDSLKG	12
PPUB-293	Proteomics_pub	254565	254621	-	4	SLIDSGKDYVVSMLDSLKG	19

PPUB-294	Proteomics_pub	254718	254750	-	4	LLNATPNGVIR	11
PPUB-295	Proteomics_pub	254790	254834	-	4	EKNLALLLDSVANDK	15
PPUB-296	Proteomics_pub	254790	254828	-	4	NLALLLDSVANDK	13
PPUB-297	Proteomics_pub	254853	254885	-	4	SLVNTYQEILK	11
PPUB-298	Proteomics_pub	254901	254936	-	4	EAFATIAVAADK	12
PPUB-299	Proteomics_pub	254952	254981	-	4	LIDFNGGTLR	10
PPUB-300	Proteomics_pub	254982	255017	-	4	FLAGHAEELDLR	12
PPUB-301	Proteomics_pub	255030	255080	-	4	GGHSGGEIHVGLGNANK	17
PPUB-302	Proteomics_pub	255102	255134	-	4	EAVPAGFETFK	11
PPUB-303	Proteomics_pub	255399	255437	-	4	DPIQPYIDGEWVK	13
PPUB-304	Proteomics_pub	255438	255467	-	4	NNDTVHDFTK	10
PPUB-305	Proteomics_pub	255468	255512	-	4	KPVVLQAHLDMPVQK	15
PPUB-306	Proteomics_pub	255513	255542	-	4	KPATAGMENR	10
PPUB-307	Proteomics_pub	255543	255569	-	4	DQVGNILIR	9
PPUB-308	Proteomics_pub	255663	255713	-	4	SELSQLSPQPLWDIFAK	17
PPUB-309	Proteomics_pub	258323	258376	-	6	NMSTYVDYIINQIDSDNK	18
PPUB-310	Proteomics_pub	258377	258412	-	6	YVDVGATYYFNK	12
PPUB-311	Proteomics_pub	258455	258532	-	6	AQNFEAVAQYQFDGFLRPSLAYLQSK	26
PPUB-312	Proteomics_pub	258569	258616	-	6	YDANNIYLAANYGETR	16
PPUB-313	Proteomics_pub	258617	258646	-	6	KAEQWATGLK	10
PPUB-314	Proteomics_pub	258800	258859	-	6	NTDFFGLVDGLNFAVQYQGK	20
PPUB-315	Proteomics_pub	258800	258859	-	6	NSNFFGLVDGLNFAVQYLGK	20
PPUB-316	Proteomics_pub	258983	259015	-	6	FQDVGSFDYGR	11
PPUB-317	Proteomics_pub	258983	259036	-	6	VAFAGLKFQDVGSFDYGR	18
PPUB-318	Proteomics_pub	258983	259036	-	6	LAFAGLKYADVGSFDYGR	18
PPUB-319	Proteomics_pub	258983	259015	-	6	YADVGSFDYGR	11
PPUB-320	Proteomics_pub	259151	259213	-	6	VDGLHYFSDNKDVDGDQTYMR	21
PPUB-321	Proteomics_pub	259214	259243	-	6	DGNKLDLYGK	10
PPUB-322	Proteomics_pub	259214	259243	-	6	DGNKVDLYGK	10
PPUB-323	Proteomics_pub	326881	326907	-	5	VLCGGDVLK	9
PPUB-324	Proteomics_pub	360545	360613	-	6	IGAGSVVLQPVPPHTTAAGVPAR	23
PPUB-325	Proteomics_pub	377875	377958	-	5	GWGQSVIIGVAVAGQEISTRPFQLVTGR	28
PPUB-326	Proteomics_pub	378130	378156	-	5	IIAIDTNPk	9
PPUB-327	Proteomics_pub	378466	378489	-	5	TNLCVAVR	8
PPUB-328	Proteomics_pub	388046	388075	-	6	VVLESLGSIK	10
PPUB-329	Proteomics_pub	388076	388111	-	6	FAALAGAIDEK	12
PPUB-330	Proteomics_pub	388112	388171	-	6	ERTELPIGAYQVSGEYAMIK	20
PPUB-331	Proteomics_pub	388112	388165	-	6	TELPIGAYQVSGEYAMIK	18
PPUB-332	Proteomics_pub	388181	388270	-	6	EAIRESLLDEAQGADCLMVKPAYLDIVR	30
PPUB-333	Proteomics_pub	388181	388258	-	6	ESLLDEAQGADCLMVKPAYLDIVR	26
PPUB-334	Proteomics_pub	388337	388366	-	6	FASSFYGPFR	10
PPUB-335	Proteomics_pub	388367	388396	-	6	DTAIMSYSTK	10
PPUB-336	Proteomics_pub	388397	388423	-	6	QALDAAGFK	9
PPUB-337	Proteomics_pub	388787	388816	-	6	AVEAMPGVMR	10
PPUB-338	Proteomics_pub	399113	399157	-	6	LWQASGLGYTDLITR	15
PPUB-339	Proteomics_pub	399305	399346	-	6	VVVPAIAPEINDK	14

PPUB-340	Proteomics_pub	399347	399370	-	6	YIDEDGAK	8
PPUB-341	Proteomics_pub	399557	399616	-	6	LGLPLFVKPANQGSSVGVSK	20
PPUB-342	Proteomics_pub	399617	399649	-	6	HNISFAEVESK	11
PPUB-343	Proteomics_pub	399659	399700	-	6	DAGLNIAPFITLTR	14
PPUB-344	Proteomics_pub	400013	400042	-	6	FDVVLLGIDK	10
PPUB-345	Proteomics_pub	400073	400108	-	6	SAEHEVSLQSAK	12
PPUB-346	Proteomics_pub	404146	404190	-	5	DMVCSPGGTTIEAVR	15
PPUB-347	Proteomics_pub	404191	404229	-	5	MVLETGEHPGALK	13
PPUB-348	Proteomics_pub	404230	404262	-	5	FAAQAVMMSAK	11
PPUB-349	Proteomics_pub	404602	404634	-	5	VLSEITSSLNK	11
PPUB-350	Proteomics_pub	408563	408613	-	6	KQDLTSEEITNHIEAGK	17
PPUB-351	Proteomics_pub	408620	408649	-	6	SLLEDGGVIR	10
PPUB-352	Proteomics_pub	408650	408700	-	6	SGSAAQGFQLLDEAELK	17
PPUB-353	Proteomics_pub	408779	408808	-	6	KAEDTLALLR	10
PPUB-354	Proteomics_pub	430398	430469	-	4	YWHGGQWNDDAELNFGNGNFNVR	24
PPUB-355	Proteomics_pub	430674	430733	-	4	YQWQNYGAANENEWDGYRFK	20
PPUB-356	Proteomics_pub	430680	430733	-	4	YQWQNYGAANENEWDGYR	18
PPUB-357	Proteomics_pub	430830	430871	-	4	EWYFANNYIDMGR	14
PPUB-358	Proteomics_pub	430872	430907	-	4	LTNTDLSFGPFK	12
PPUB-359	Proteomics_pub	430923	430970	-	4	GIWNHGSPLFMEIEPR	16
PPUB-360	Proteomics_pub	431037	431075	-	4	NDTYLEYEAFACK	13
PPUB-361	Proteomics_pub	431040	431075	-	4	NDTYLEYEAFAK	12
PPUB-362	Proteomics_pub	440496	440528	-	4	ALSELEQIVTR	11
PPUB-363	Proteomics_pub	442365	442412	-	4	LLTSQGGTAIDFGLK	16
PPUB-364	Proteomics_pub	442587	442616	-	4	DSTLLVETVK	10
PPUB-365	Proteomics_pub	447898	447930	-	5	LENQHFDEITK	11
PPUB-366	Proteomics_pub	448105	448140	-	5	KPDHYEEIHMPK	12
PPUB-367	Proteomics_pub	448255	448284	-	5	DLTGDPWGGR	10
PPUB-368	Proteomics_pub	449995	450075	-	5	LAAPSEYNQVEYFSNVKPDFADVINK	27
PPUB-369	Proteomics_pub	450076	450117	-	5	QSPNTMSDMAAFEK	14
PPUB-370	Proteomics_pub	450124	450150	-	5	AAFDQWVAK	9
PPUB-371	Proteomics_pub	450178	450258	-	5	LHLIANEPGTYDGISASYSGPGFSGMK	27
PPUB-372	Proteomics_pub	450301	450342	-	5	VTSNSVMNSFFIPR	14
PPUB-373	Proteomics_pub	452828	452911	-	6	NIADAVNSVLTDTIADMSQDTSIHEFIK	28
PPUB-374	Proteomics_pub	452912	452953	-	6	ASYNVEGAFQASNK	14
PPUB-375	Proteomics_pub	452972	453013	-	6	ADIAIIATAQNGNK	14
PPUB-376	Proteomics_pub	453032	453118	-	6	GYMVGPNPVLNLIIVSPLYADVSQGNVR	29
PPUB-377	Proteomics_pub	453134	453160	-	6	FLLQEVLEK	9
PPUB-378	Proteomics_pub	453170	453202	-	6	DNQIVTLTASR	11
PPUB-379	Proteomics_pub	474116	474139	-	6	DGNSFSAR	8
PPUB-380	Proteomics_pub	474140	474172	-	6	KPIIYDVETLR	11
PPUB-381	Proteomics_pub	474338	474367	-	6	NLLTLLNLEK	10
PPUB-382	Proteomics_pub	480481	480522	-	5	KNEDIEHSHTVDHH	14
PPUB-383	Proteomics_pub	480721	480753	-	5	GLIEATLDAVR	11
PPUB-384	Proteomics_pub	480721	480762	-	5	EGKGVVEATLMAVR	14
PPUB-385	Proteomics_pub	481768	481818	-	5	NNVESVFAVNGFGFAGR	17

PPUB-386	Proteomics_pub	481825	481860	-	5	VLNEVTHYYLTK	12
PPUB-387	Proteomics_pub	482020	482061	-	5	STHHYTDSVGGILR	14
PPUB-388	Proteomics_pub	482074	482097	-	5	GFFGWFNR	8
PPUB-389	Proteomics_pub	482662	482691	-	5	MEPFFPSGLK	10
PPUB-390	Proteomics_pub	482707	482751	-	5	LATGANALDTAAAIR	15
PPUB-391	Proteomics_pub	482884	482910	-	5	LTSTEEFGK	9
PPUB-392	Proteomics_pub	482911	482949	-	5	GQQLNASIIAQTR	13
PPUB-393	Proteomics_pub	482950	483003	-	5	AQNAQVAAGQLGGTTPVK	18
PPUB-394	Proteomics_pub	483653	483721	-	6	AQEVADANNQAASGAQPEQSKS	23
PPUB-395	Proteomics_pub	483656	483721	-	6	AQEVADANNQAASGAQPEQSK	22
PPUB-396	Proteomics_pub	483782	483805	-	6	WLVTEGLK	8
PPUB-397	Proteomics_pub	483899	483961	-	6	ARLEEGLNPNAILVPQQGVTR	21
PPUB-398	Proteomics_pub	483899	483955	-	6	LEEGLNPNAILVPQQGVTR	19
PPUB-399	Proteomics_pub	484361	484423	-	6	QEYDQALADAQQANAAVTAAK	21
PPUB-400	Proteomics_pub	484460	484501	-	6	AQAAANIAQLTVNR	14
PPUB-401	Proteomics_pub	484517	484597	-	6	EGSDIEAGVSLYQIDPATYQATYDSAK	27
PPUB-402	Proteomics_pub	484667	484705	-	6	TEPLQITTELPGR	13
PPUB-403	Proteomics_pub	505911	505976	-	4	RLPTIIDAPAQEFATYVSGGK	22
PPUB-404	Proteomics_pub	506085	506135	-	4	HLAVAVTPVAGQLDLKK	17
PPUB-405	Proteomics_pub	506169	506201	-	4	KLGLNPDQVYK	11
PPUB-406	Proteomics_pub	508549	508593	-	5	LLTGDSPPFAANALGK	15
PPUB-407	Proteomics_pub	516682	516735	-	5	TFQEILAAALGTGDALASK	18
PPUB-408	Proteomics_pub	516739	516768	-	5	DLTAADGQTR	10
PPUB-409	Proteomics_pub	516772	516810	-	5	NEEALELLFGHLR	13
PPUB-410	Proteomics_pub	516811	516921	-	5	QAADTPEIQQLQQVAENPEDAALATQLALQLHQVGR	37
PPUB-411	Proteomics_pub	516922	516957	-	5	YQGLVAQIELLK	12
PPUB-412	Proteomics_pub	516958	516987	-	5	TIPLQDQDTR	10
PPUB-413	Proteomics_pub	517015	517089	-	5	DAWQLSNQNGEIGLLLAETLIALNR	25
PPUB-414	Proteomics_pub	517195	517275	-	5	AIPTVYLFQNGQPVDGFGQPPEAIR	27
PPUB-415	Proteomics_pub	517276	517323	-	5	LDCDAEQMIAAQFGLR	16
PPUB-416	Proteomics_pub	517402	517500	-	5	SVENIVNINESNLQQVLEQSMTPVLFYFWSER	33
PPUB-417	Proteomics_pub	518645	518680	-	6	GFQPQQTEQTLR	12
PPUB-418	Proteomics_pub	518681	518719	-	6	WVLEVELGGNDGLR	13
PPUB-419	Proteomics_pub	550837	550875	-	5	VGHLNLTDSDTSR	13
PPUB-420	Proteomics_pub	551482	551508	-	5	SEWPAVFDR	9
PPUB-421	Proteomics_pub	551509	551550	-	5	LHLPTAPWQLLAER	14
PPUB-422	Proteomics_pub	551578	551604	-	5	DVFPIIADR	9
PPUB-423	Proteomics_pub	551578	551625	-	5	HPAFVNRDVFPIIADR	16
PPUB-424	Proteomics_pub	551638	551661	-	5	WPETALTR	8
PPUB-425	Proteomics_pub	551826	551864	-	4	AQTDEVLENPDPR	13
PPUB-426	Proteomics_pub	551898	551954	-	4	AGAANAALLAAQILATHDK	19
PPUB-427	Proteomics_pub	551955	551987	-	4	GIPVGTLAGK	11
PPUB-428	Proteomics_pub	552075	552173	-	4	LFSFAESAEENGYQVIIAGAGGAAHLPGMIAAK	33
PPUB-429	Proteomics_pub	553205	553231	-	6	SGMHQDVPK	9
PPUB-430	Proteomics_pub	553430	553465	-	6	EPIKNEANGLK	12
PPUB-431	Proteomics_pub	553475	553531	-	6	VIPGFMIQGGGFTEQMQQK	19

PPUB-432	Proteomics_pub	553481	553531	-	6	VINGFMIQGGGFEPGMK	17
PPUB-433	Proteomics_pub	553532	553603	-	6	APVSVQNFVDYVNSGFYNNITFHR	24
PPUB-434	Proteomics_pub	553532	553564	-	6	EGFYNNITFHR	11
PPUB-435	Proteomics_pub	553565	553585	-	6	NFLDYCR	7
PPUB-436	Proteomics_pub	553586	553618	-	6	TFDDKAPETVK	11
PPUB-437	Proteomics_pub	553619	553660	-	6	MVTFHTNHGDIVIK	14
PPUB-438	Proteomics_pub	556004	556039	-	6	LEGWSESGAQAK	12
PPUB-439	Proteomics_pub	556040	556072	-	6	HPHVELCDLLK	11
PPUB-440	Proteomics_pub	556209	556247	-	4	VVGDVVFEDAAKR	13
PPUB-441	Proteomics_pub	556212	556247	-	4	VVGDVVFEDAAK	12
PPUB-442	Proteomics_pub	556575	556610	-	4	DVDGFHPYNVGR	12
PPUB-443	Proteomics_pub	556575	556625	-	4	IHPDKDVDGFHPYNVGR	17
PPUB-444	Proteomics_pub	556803	556868	-	4	APGLAVVLVGSNPASQIYVASK	22
PPUB-445	Proteomics_pub	556887	556916	-	4	SEVAQKVQAR	10
PPUB-446	Proteomics_pub	564335	564367	-	6	RADGTSTPAVR	11
PPUB-447	Proteomics_pub	564554	564580	-	6	FALATGLRK	9
PPUB-448	Proteomics_pub	575041	575067	-	5	NMSTYVDYK	9
PPUB-449	Proteomics_pub	575068	575103	-	5	YVDVGATYYFNK	12
PPUB-450	Proteomics_pub	575146	575223	-	5	AQNFEAVAQYQDFGLRPSLAYLQSK	26
PPUB-451	Proteomics_pub	575263	575310	-	5	YDANNIYLAANYGETR	16
PPUB-452	Proteomics_pub	575515	575574	-	5	NTDFFGLVDGLNFAVQYQGK	20
PPUB-453	Proteomics_pub	575515	575574	-	5	NSNFFGLVDGLNFAVQYLGK	20
PPUB-454	Proteomics_pub	575698	575751	-	5	VAFAGLKFQDVGSFDYGR	18
PPUB-455	Proteomics_pub	575698	575751	-	5	LAFAGLKYADVGSFDYGR	18
PPUB-456	Proteomics_pub	575869	575931	-	5	VDGLHYFSDNKDVDGDQTYMR	21
PPUB-457	Proteomics_pub	575932	575961	-	5	DGNKLDLYGK	10
PPUB-458	Proteomics_pub	583915	583965	-	5	NGAGIENYNFITTAGLK	17
PPUB-459	Proteomics_pub	583966	584016	-	5	GNTSLYDHNNNTSDYSK	17
PPUB-460	Proteomics_pub	583966	584019	-	5	KGNTSLYDHNDNTSDYSK	18
PPUB-461	Proteomics_pub	583966	584019	-	5	KGNTSLYDHNNNTSDYSK	18
PPUB-462	Proteomics_pub	584020	584058	-	5	VYVEGAWNRVTNK	13
PPUB-463	Proteomics_pub	584032	584058	-	5	VYVEGAWNR	9
PPUB-464	Proteomics_pub	584059	584124	-	5	VKDQNYYSVAVNAGYYVTPNAK	22
PPUB-465	Proteomics_pub	584143	584199	-	5	YSGWVSSDNDHEYDPGKR	19
PPUB-466	Proteomics_pub	584200	584232	-	5	YEDFELGGTFK	11
PPUB-467	Proteomics_pub	584233	584271	-	5	FKMPYIGLTGSYR	13
PPUB-468	Proteomics_pub	584233	584265	-	5	MPYIGLTGSYR	11
PPUB-469	Proteomics_pub	584293	584364	-	5	GGSYIYSSEEGFRDDIGSFPNGER	24
PPUB-470	Proteomics_pub	584326	584364	-	5	GGSYIYSSEEGFR	13
PPUB-471	Proteomics_pub	584383	584415	-	5	LGLMAGYQESR	11
PPUB-472	Proteomics_pub	584416	584445	-	5	GWLLNEPNYR	10
PPUB-473	Proteomics_pub	584446	584496	-	5	HPDTQLNYANEFDLNIK	17
PPUB-474	Proteomics_pub	584662	584685	-	5	KVSQLDWK	8
PPUB-475	Proteomics_pub	584686	584712	-	5	VYLAEEGGR	9
PPUB-476	Proteomics_pub	603997	604026	-	5	LPQNITLTEV	10
PPUB-477	Proteomics_pub	603997	604032	-	5	SRLPQNITLTEV	12

PPUB-478	Proteomics_pub	604033	604104	-	5	GYTSLVVVPGVGHHSVEDFNATLPK	24
PPUB-479	Proteomics_pub	604225	604257	-	5	DLHDDAEWMAK	11
PPUB-480	Proteomics_pub	604306	604359	-	5	LVVDQEDADGRFATPEAK	18
PPUB-481	Proteomics_pub	604327	604359	-	5	LVVDQEDADGR	11
PPUB-482	Proteomics_pub	604360	604386	-	5	TAMDDVWLK	9
PPUB-483	Proteomics_pub	604387	604425	-	5	MLDASHVVVFCAK	13
PPUB-484	Proteomics_pub	604429	604461	-	5	SAAGNYVFNER	11
PPUB-485	Proteomics_pub	604555	604587	-	5	KLTPQAEQIK	11
PPUB-486	Proteomics_pub	604555	604584	-	5	LTPEQAEQIK	10
PPUB-487	Proteomics_pub	609705	609734	-	4	GQPAVGPETK	10
PPUB-488	Proteomics_pub	610065	610097	-	4	DGWLAVGTWFR	11
PPUB-489	Proteomics_pub	610656	610703	-	4	IPEGLAGGTEGKFNEK	16
PPUB-490	Proteomics_pub	610668	610703	-	4	IPEGLAGGTEGK	12
PPUB-491	Proteomics_pub	610977	611012	-	4	AGTYATTLPAGR	12
PPUB-492	Proteomics_pub	611211	611273	-	4	GPMSSLYGSDALGGVVNIITK	21
PPUB-493	Proteomics_pub	611211	611255	-	4	YNGAAGGVVNIITK	15
PPUB-494	Proteomics_pub	611370	611426	-	4	GMGPENTLILIDGKPVSSR	19
PPUB-495	Proteomics_pub	611454	611501	-	4	TMPGVNLTGNSTSGQR	16
PPUB-496	Proteomics_pub	619285	619326	-	5	GAIVGIIGPNGAGK	14
PPUB-497	Proteomics_pub	633884	633928	-	6	IPAWYDEAGNVVYVGR	15
PPUB-498	Proteomics_pub	637053	637079	-	4	TLNIIMGNK	9
PPUB-499	Proteomics_pub	637197	637235	-	4	LNVPANVSTEQMK	13
PPUB-500	Proteomics_pub	637536	637568	-	4	GENLSNTLIEK	11
PPUB-501	Proteomics_pub	640695	640748	-	4	NPSISTHLLGSNASSVIR	18
PPUB-502	Proteomics_pub	640842	640883	-	4	LQTMVSHFTIDPSR	14
PPUB-503	Proteomics_pub	640884	640922	-	4	RFEHLQHEAQR	13
PPUB-504	Proteomics_pub	643648	643671	-	5	FLADNYGK	8
PPUB-505	Proteomics_pub	643672	643707	-	5	LNQEIKESEAGK	12
PPUB-506	Proteomics_pub	643882	643926	-	5	FGCATRPIPNLPEAR	15
PPUB-507	Proteomics_pub	643969	644013	-	5	ADFLTVHGLWPGLPK	15
PPUB-508	Proteomics_pub	658492	658521	-	5	SSYHADLQAK	10
PPUB-509	Proteomics_pub	658630	658677	-	5	HGVTMLTLGQYLQPSR	16
PPUB-510	Proteomics_pub	658747	658779	-	5	FKEAHPEIPTK	11
PPUB-511	Proteomics_pub	658840	658905	-	5	ALDILTATPPDVFHNHLENVPR	22
PPUB-512	Proteomics_pub	658921	658947	-	5	IETLVPDFR	9
PPUB-513	Proteomics_pub	658969	659013	-	5	DGGAQHFADCCITAIR	15
PPUB-514	Proteomics_pub	659014	659052	-	5	YVVITSVDRDDL	13
PPUB-515	Proteomics_pub	659053	659085	-	5	LAQTIADMALR	11
PPUB-516	Proteomics_pub	661710	661754	-	4	HAPGDYTPTVKPSK	15
PPUB-517	Proteomics_pub	661755	661811	-	4	VMGQALPELVDQVVEVVQR	19
PPUB-518	Proteomics_pub	661812	661853	-	4	LNELLEFPPTFTYK	14
PPUB-519	Proteomics_pub	661812	661859	-	4	TKLNELLEFPPTFTYK	16
PPUB-520	Proteomics_pub	662125	662172	-	5	ASYVLNSSLHAPLQK	16
PPUB-521	Proteomics_pub	662194	662238	-	5	ASLGVDKDVYLTIPR	15
PPUB-522	Proteomics_pub	662239	662280	-	5	EFASEPVWFGDSR	14
PPUB-523	Proteomics_pub	662290	662316	-	5	FFETVNPLK	9

PPUB-524	Proteomics_pub	662317	662337	-	5	LLTWGFR	7
PPUB-525	Proteomics_pub	662371	662397	-	5	LISAVMGGR	9
PPUB-526	Proteomics_pub	662398	662442	-	5	AGYNLVASATEGQMR	15
PPUB-527	Proteomics_pub	662461	662505	-	5	NGLLWDNSLNVDGIK	15
PPUB-528	Proteomics_pub	662518	662541	-	5	EFTFNGIR	8
PPUB-529	Proteomics_pub	662578	662610	-	5	DMALIGQALIR	11
PPUB-530	Proteomics_pub	662611	662670	-	5	NTHFQTVHGLDADGQYSSAR	20
PPUB-531	Proteomics_pub	662848	662913	-	5	FKETDLVTIGNDAWATGNPVFK	22
PPUB-532	Proteomics_pub	668080	668121	-	5	HVMSIADHVQESR	14
PPUB-533	Proteomics_pub	668170	668205	-	5	GQDIIALDVQGK	12
PPUB-534	Proteomics_pub	668206	668247	-	5	ALQDFVIDKIDDLK	14
PPUB-535	Proteomics_pub	668221	668247	-	5	ALQDFVIDK	9
PPUB-536	Proteomics_pub	671448	671471	-	4	KVIYVPGK	8
PPUB-537	Proteomics_pub	671496	671522	-	4	AGQEHLVAK	9
PPUB-538	Proteomics_pub	671523	671567	-	4	ITVPVDATEEQVRER	15
PPUB-539	Proteomics_pub	671529	671573	-	4	AKITVPVDATEEQVR	15
PPUB-540	Proteomics_pub	671529	671567	-	4	ITVPVDATEEQVR	13
PPUB-541	Proteomics_pub	671628	671675	-	4	GEGDIDNAPWPVADEK	16
PPUB-542	Proteomics_pub	671730	671765	-	4	ALMQEALLAVVR	12
PPUB-543	Proteomics_pub	671730	671792	-	4	APTDGEQDRALMQEALLAVVR	21
PPUB-544	Proteomics_pub	671766	671792	-	4	APTDGEQDR	9
PPUB-545	Proteomics_pub	671802	671849	-	4	QTFNTAIAAIMELMNK	16
PPUB-546	Proteomics_pub	671802	671852	-	4	RQTFNTAIAAIMELMNK	17
PPUB-547	Proteomics_pub	671910	671957	-	4	GDVAALNVDALTEDQK	16
PPUB-548	Proteomics_pub	671910	671957	-	4	GDVAALNVDALTENQK	16
PPUB-549	Proteomics_pub	672099	672134	-	4	NNGIDPQVMVER	12
PPUB-550	Proteomics_pub	672099	672140	-	4	SKNNGIDPQVMVER	14
PPUB-551	Proteomics_pub	672150	672197	-	4	AKDAAGHELVTGMSK	16
PPUB-552	Proteomics_pub	672150	672191	-	4	DAAGHELVTGMSK	14
PPUB-553	Proteomics_pub	672213	672257	-	4	NWVSPVDAIVERDEK	15
PPUB-554	Proteomics_pub	672222	672257	-	4	NWVSPVDAIVER	12
PPUB-555	Proteomics_pub	672324	672359	-	4	DAGMVNSDEPAK	12
PPUB-556	Proteomics_pub	672501	672551	-	4	ETDTFDTFMESSWYYAR	17
PPUB-557	Proteomics_pub	672552	672581	-	4	TTVNGMPALR	10
PPUB-558	Proteomics_pub	672735	672758	-	4	LRDWGVSR	8
PPUB-559	Proteomics_pub	672774	672800	-	4	LTAMGVGER	9
PPUB-560	Proteomics_pub	672873	672953	-	4	YGLNIKPVILAADGSEPDLSQQALTEK	27
PPUB-561	Proteomics_pub	673083	673106	-	4	KGVDTGFK	8
PPUB-562	Proteomics_pub	673107	673139	-	4	VAEAEMATMEK	11
PPUB-563	Proteomics_pub	673149	673196	-	4	AAENNPেলাAFIDEKR	16
PPUB-564	Proteomics_pub	673356	673382	-	4	LDHWPDTVK	9
PPUB-565	Proteomics_pub	673383	673424	-	4	ITAYADELLNDLKD	14
PPUB-566	Proteomics_pub	673425	673448	-	4	EIPQWFIK	8
PPUB-567	Proteomics_pub	673473	673550	-	4	TSAVNWCPNDQTVLANEQVIDGCCWR	26
PPUB-568	Proteomics_pub	673569	673592	-	4	FFTELYKK	8
PPUB-569	Proteomics_pub	673605	673637	-	4	ELATCTPEYYR	11

PPUB-570	Proteomics_pub	673638	673667	-	4	MLGFGYDWSR	10
PPUB-571	Proteomics_pub	673680	673730	-	4	NNTAPAPWTYDNIAYMK	17
PPUB-572	Proteomics_pub	673731	673793	-	4	NVLQPIGWDAFGLPAEGAAVK	21
PPUB-573	Proteomics_pub	673815	673844	-	4	NYTIGDVIAR	10
PPUB-574	Proteomics_pub	673866	673904	-	4	YYCLSMLPYPSGR	13
PPUB-575	Proteomics_pub	673905	673940	-	4	TFEVTEDESKEK	12
PPUB-576	Proteomics_pub	673911	673943	-	4	RTFEVTEDESK	11
PPUB-577	Proteomics_pub	673911	673940	-	4	TFEVTEDESK	10
PPUB-578	Proteomics_pub	673941	673967	-	4	VQLHWDEKR	9
PPUB-579	Proteomics_pub	673968	674006	-	4	MQEQRPEEIESK	13
PPUB-580	Proteomics_pub	682116	682178	-	4	IINEPTAAALAYGLDKGTGNR	21
PPUB-581	Proteomics_pub	684047	684082	-	6	YPLHLSGGQQQR	12
PPUB-582	Proteomics_pub	684047	684091	-	6	AHHYPSELSSGGQQQR	15
PPUB-583	Proteomics_pub	686677	686703	-	5	LIPITSQNR	9
PPUB-584	Proteomics_pub	686737	686787	-	5	VVGYSQDYSNAIVEAVK	17
PPUB-585	Proteomics_pub	686830	686856	-	5	NGVIVVGHR	9
PPUB-586	Proteomics_pub	689196	689237	-	4	DKGSSLVTGIVDAR	14
PPUB-587	Proteomics_pub	689364	689396	-	4	WDEGQLLNTLK	11
PPUB-588	Proteomics_pub	690213	690248	-	4	GETIDIDGYQFK	12
PPUB-589	Proteomics_pub	690804	690842	-	4	DMLEGVMDIADQR	13
PPUB-590	Proteomics_pub	690882	690911	-	4	NRDELLALIR	10
PPUB-591	Proteomics_pub	691768	691809	-	5	AVITGDVTQIDLPR	14
PPUB-592	Proteomics_pub	691912	691947	-	5	NVIEVAPLAYMR	12
PPUB-593	Proteomics_pub	691969	692028	-	5	VDPYLRPLYDALFEMLGFEK	20
PPUB-594	Proteomics_pub	692029	692061	-	5	LGFLPGDLSQK	11
PPUB-595	Proteomics_pub	692116	692157	-	5	TYLAVAAAVDALER	14
PPUB-596	Proteomics_pub	692158	692238	-	5	TPNQAQYIANILDHDITFGVGPAGTGK	27
PPUB-597	Proteomics_pub	692281	692322	-	5	VLEQSAESVPEYGK	14
PPUB-598	Proteomics_pub	692332	692379	-	5	GQIQDIEPEQIHIAIK	16
PPUB-599	Proteomics_pub	692380	692409	-	5	SLYVDTAPMR	10
PPUB-600	Proteomics_pub	692410	692457	-	5	LTGRPICVTAADILR	16
PPUB-601	Proteomics_pub	692500	692550	-	5	LLSLCGPFDDNIKQLER	17
PPUB-602	Proteomics_pub	692512	692550	-	5	LLSLCGPFDDNIK	13
PPUB-603	Proteomics_pub	692551	692583	-	5	EITLEPADNAR	11
PPUB-604	Proteomics_pub	692799	692831	-	4	VAETPESVIAR	11
PPUB-605	Proteomics_pub	692871	692915	-	4	FVDVEITDVYPNSLR	15
PPUB-606	Proteomics_pub	692916	692954	-	4	VVNFEGTPDMIGK	13
PPUB-607	Proteomics_pub	693045	693074	-	4	INQQAMAWSR	10
PPUB-608	Proteomics_pub	693363	693419	-	4	DTPELVSFLHLPVQSGSDR	19
PPUB-609	Proteomics_pub	693480	693509	-	4	LVAIDGIDR	10
PPUB-610	Proteomics_pub	693510	693596	-	4	EVNLLGQNVNAWRGENYDGTGGSFADLLR	29
PPUB-611	Proteomics_pub	693510	693557	-	4	GENYDGTGGSFADLLR	16
PPUB-612	Proteomics_pub	693558	693596	-	4	EVNLLGQNVNAWR	13
PPUB-613	Proteomics_pub	693597	693668	-	4	GEEVSRPSDDILFEIAQLAAQGVR	24
PPUB-614	Proteomics_pub	693774	693812	-	4	SPVVDISFPEIEK	13
PPUB-615	Proteomics_pub	693822	693848	-	4	LPEMINSVR	9

PPUB-616	Proteomics_pub	693849	693893	-	4	AHYVDIIFGPQTLHR	15
PPUB-617	Proteomics_pub	696739	696768	-	5	AVGVHQSAVK	10
PPUB-618	Proteomics_pub	696793	696819	-	5	AIEWDEAFK	9
PPUB-619	Proteomics_pub	696955	697002	-	5	EVAAQQVSDQQLLETAR	16
PPUB-620	Proteomics_pub	697198	697227	-	5	AMSAWGVVEAR	10
PPUB-621	Proteomics_pub	697396	697425	-	5	ASTPMYLSMR	10
PPUB-622	Proteomics_pub	697738	697773	-	5	NELRQALEDVSK	12
PPUB-623	Proteomics_pub	697762	697791	-	5	DNVTDKNELR	10
PPUB-624	Proteomics_pub	698146	698196	-	5	THVLAVNGEIYNHQALR	17
PPUB-625	Proteomics_pub	698197	698250	-	5	LSIVDVNAGAQLYNQK	18
PPUB-626	Proteomics_pub	698251	698307	-	5	GPDWSGIYASDNAILAHER	19
PPUB-627	Proteomics_pub	698251	698313	-	5	HRGPDWSGIYASDNAILAHER	21
PPUB-628	Proteomics_pub	699100	699132	-	5	FIATNPDTHGR	11
PPUB-629	Proteomics_pub	699190	699246	-	5	AGFTITDVNPDFVIVGETR	19
PPUB-630	Proteomics_pub	702043	702075	-	5	YFNELEAENIK	11
PPUB-631	Proteomics_pub	702091	702132	-	5	AIMVCDEPSTMELK	14
PPUB-632	Proteomics_pub	702286	702318	-	5	FFDNDVNQVPK	11
PPUB-633	Proteomics_pub	702478	702561	-	5	NFFDHVDIPAENINLLNGNAPDIDAECR	28
PPUB-634	Proteomics_pub	702793	702828	-	5	LIPLTTAEQVGK	12
PPUB-635	Proteomics_pub	709540	709575	-	5	VIEFSDDSIER	12
PPUB-636	Proteomics_pub	709576	709638	-	5	SVFELTQQHHHDHLICLDCGK	21
PPUB-637	Proteomics_pub	709660	709698	-	5	VLNQFDDAGIVTR	13
PPUB-638	Proteomics_pub	709747	709806	-	5	ILEVLQEPDNHHVSAEDLYK	20
PPUB-639	Proteomics_pub	710221	710295	-	5	GLADDDHFVGLAIDEDRQPELTAER	25
PPUB-640	Proteomics_pub	710296	710352	-	5	GATIVGHWPTAGYHFEASK	19
PPUB-641	Proteomics_pub	710575	710604	-	5	DVADVHDIK	10
PPUB-642	Proteomics_pub	710629	710685	-	5	AITGIFFGSDTGNTENIAK	19
PPUB-643	Proteomics_pub	711510	711533	-	4	SFVDGEWR	8
PPUB-644	Proteomics_pub	711711	711746	-	4	AVMALTALASDR	12
PPUB-645	Proteomics_pub	719021	719044	-	6	GDLVLFDR	8
PPUB-646	Proteomics_pub	752438	752461	-	6	QLYTGYEK	8
PPUB-647	Proteomics_pub	752477	752527	-	6	TVGWIAHWSEMHSDBGK	17
PPUB-648	Proteomics_pub	752528	752578	-	6	AMGIPSSMFTVIFAMAR	17
PPUB-649	Proteomics_pub	752624	752707	-	6	ELGTKDDLLEVAMELENIALNDPYFIEK	28
PPUB-650	Proteomics_pub	752708	752731	-	6	ETCHEVLK	8
PPUB-651	Proteomics_pub	752972	753025	-	6	ILILHADHEQNASTSTVR	18
PPUB-652	Proteomics_pub	753125	753157	-	6	YSIGQPFVYPR	11
PPUB-653	Proteomics_pub	753158	753187	-	6	MPTMAAMCYK	10
PPUB-654	Proteomics_pub	753332	753361	-	6	HTMIHEQITR	10
PPUB-655	Proteomics_pub	753482	753523	-	6	ITFDGDEGILLHR	14
PPUB-656	Proteomics_pub	753524	753577	-	6	GVFTFDPGFTSTASCESK	18
PPUB-657	Proteomics_pub	753593	753625	-	6	GTLGQDVIDIR	11
PPUB-658	Proteomics_pub	786069	786101	-	4	AAAVANQGKAK	11
PPUB-659	Proteomics_pub	786075	786137	-	4	YYLGNADIEIAKAAAVANQGK	21
PPUB-660	Proteomics_pub	786102	786140	-	4	RYLGNADIEIAK	13
PPUB-661	Proteomics_pub	786102	786137	-	4	YYLGNADIEIAK	12

PPUB-662	Proteomics_pub	786141	786239	-	4	YLDNMSEEEILELNIPITGVPLVYEFDENFKPLK	33
PPUB-663	Proteomics_pub	786252	786296	-	4	SGERVIIAAHGNSLR	15
PPUB-664	Proteomics_pub	786252	786284	-	4	VIIAAHGNSLR	11
PPUB-665	Proteomics_pub	786303	786338	-	4	VIPYWNETILPR	12
PPUB-666	Proteomics_pub	786339	786380	-	4	ELPLTESLALTIDR	14
PPUB-667	Proteomics_pub	786339	786392	-	4	LSEKELPLTESLALTIDR	18
PPUB-668	Proteomics_pub	786435	786467	-	4	GFAVTPPELTK	11
PPUB-669	Proteomics_pub	786435	786470	-	4	RGFAVTPPELTK	12
PPUB-670	Proteomics_pub	786471	786500	-	4	YGDEQVKQWR	10
PPUB-671	Proteomics_pub	786519	786548	-	4	HYGALQGLNK	10
PPUB-672	Proteomics_pub	786570	786632	-	4	AIHTLWNVLDELQAWLPVEK	21
PPUB-673	Proteomics_pub	786570	786635	-	4	RAIHTLWNVLDELQAWLPVEK	22
PPUB-674	Proteomics_pub	786636	786680	-	4	EEGYSFDFAYTSVLK	15
PPUB-675	Proteomics_pub	786636	786689	-	4	LLKEEGYSFDFAYTSVLK	18
PPUB-676	Proteomics_pub	786720	786755	-	4	FTGWYDVDLSEK	12
PPUB-677	Proteomics_pub	786756	786788	-	4	HGESQWNKENR	11
PPUB-678	Proteomics_pub	786765	786788	-	4	HGESQWNK	8
PPUB-679	Proteomics_pub	787176	787241	-	4	VYTTAPALQFYSGNFLGGTPSR	22
PPUB-680	Proteomics_pub	787392	787421	-	4	SVAGTSFDFR	10
PPUB-681	Proteomics_pub	787692	787718	-	4	WQIVNQNDR	9
PPUB-682	Proteomics_pub	787911	787937	-	4	IPLSDGSVR	9
PPUB-683	Proteomics_pub	787938	787997	-	4	NNAGMVVTLMDWGATLLSAR	20
PPUB-684	Proteomics_pub	788336	788380	-	6	TVEAASALEQGDLKR	15
PPUB-685	Proteomics_pub	788339	788380	-	6	TVEAASALEQGDLK	14
PPUB-686	Proteomics_pub	788381	788404	-	6	HILTENAR	8
PPUB-687	Proteomics_pub	788414	788473	-	6	DVTIEEFNAVAHELDPIVAK	20
PPUB-688	Proteomics_pub	788474	788497	-	6	FFQQPALR	8
PPUB-689	Proteomics_pub	788525	788554	-	6	TLVGSEYNTR	10
PPUB-690	Proteomics_pub	788555	788593	-	6	GVAVVIINSNFKR	13
PPUB-691	Proteomics_pub	789119	789184	-	6	TQSLFANAFGYPATHTIQAPGR	22
PPUB-692	Proteomics_pub	789209	789244	-	6	AVSDIHFRESGV	12
PPUB-693	Proteomics_pub	789221	789244	-	6	AVSDIHFR	8
PPUB-694	Proteomics_pub	789497	789523	-	6	ITDLTDAQR	9
PPUB-695	Proteomics_pub	790364	790405	-	6	REGDLPAYWADASK	14
PPUB-696	Proteomics_pub	790406	790444	-	6	ACGKPVNYHFAPR	13
PPUB-697	Proteomics_pub	790784	790819	-	6	LMVEQILTDLQK	12
PPUB-698	Proteomics_pub	790826	790879	-	6	IPYVESFPTGTPQSPYGK	18
PPUB-699	Proteomics_pub	790961	791026	-	6	AVGESVQKPLEYDNNVNGTLR	22
PPUB-700	Proteomics_pub	791701	791769	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-701	Proteomics_pub	793232	793318	-	6	APWVGITQDEAVAQNADNQLPGIISHIER	29
PPUB-702	Proteomics_pub	793361	793390	-	6	VAITAQSGAR	10
PPUB-703	Proteomics_pub	793628	793669	-	6	ATGGKGGGGGAVLTR	14
PPUB-704	Proteomics_pub	797562	797600	-	4	KTLLPSSIEALAR	13
PPUB-705	Proteomics_pub	797562	797597	-	4	TLLPSSIEALAR	12
PPUB-706	Proteomics_pub	797601	797642	-	4	VIALDLDTLLTPK	14
PPUB-707	Proteomics_pub	805470	805508	-	4	FNAFGDGVAQLGR	13

PPUB-708	Proteomics_pub	805713	805754	-	4	QNTFFVTNSGVQNR	14
PPUB-709	Proteomics_pub	805755	805802	-	4	TDGDQVQINNVNILGR	16
PPUB-710	Proteomics_pub	826717	826785	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-711	Proteomics_pub	827101	827142	-	5	GAIVGIIGPNGAGK	14
PPUB-712	Proteomics_pub	828067	828108	-	5	GAIVGIIGPNGAGK	14
PPUB-713	Proteomics_pub	838475	838504	-	6	TFLLTANMHF	10
PPUB-714	Proteomics_pub	839231	839263	-	6	GSPVTTVD TAK	11
PPUB-715	Proteomics_pub	839354	839380	-	6	DFELNGGIR	9
PPUB-716	Proteomics_pub	839549	839635	-	6	ILTNQTNLTSTFYTGSIHVDVSTGVEFTR	29
PPUB-717	Proteomics_pub	839666	839758	-	6	VKQDYLMTAIMGGASNITQPTSDVNSWTWSR	31
PPUB-718	Proteomics_pub	840011	840058	-	6	YGVAPSVAFGLGTANR	16
PPUB-719	Proteomics_pub	840119	840169	-	6	RGTLDVNVQVIGD TTAVR	17
PPUB-720	Proteomics_pub	840293	840328	-	6	DTFNTEQVEVIK	12
PPUB-721	Proteomics_pub	840350	840391	-	6	GADTSNSIYIDGIR	14
PPUB-722	Proteomics_pub	840467	840502	-	6	DQGATNLTDALK	12
PPUB-723	Proteomics_pub	840536	840565	-	6	FSRPVADTTR	10
PPUB-724	Proteomics_pub	844185	844208	-	4	MGQWARQK	8
PPUB-725	Proteomics_pub	845012	845047	-	6	IAEDGNPQVLIK	12
PPUB-726	Proteomics_pub	845171	845239	-	6	ALAINPDILLMDEAFSALDPLIR	23
PPUB-727	Proteomics_pub	845255	845290	-	6	YPLHLSGGGQQQR	12
PPUB-728	Proteomics_pub	845255	845299	-	6	AHHYPSELSGGGQQQR	15
PPUB-729	Proteomics_pub	845261	845299	-	6	ANHRPSELSGGER	13
PPUB-730	Proteomics_pub	845567	845614	-	6	AQGTLYIVSAPSGAGK	16
PPUB-731	Proteomics_pub	845567	845608	-	6	GAIVGIIGPNGAGK	14
PPUB-732	Proteomics_pub	846589	846639	-	5	AVGDSLEAQYGIAPFK	17
PPUB-733	Proteomics_pub	846664	846711	-	5	ADAVLHDTPNILYFIK	16
PPUB-734	Proteomics_pub	846712	846759	-	5	QFPNIDNAYMELGTNR	16
PPUB-735	Proteomics_pub	846787	846816	-	5	SGTGSVDYAK	10
PPUB-736	Proteomics_pub	846901	846930	-	5	AIDFSDGYK	10
PPUB-737	Proteomics_pub	846937	846981	-	5	NVDLALAGITITDER	15
PPUB-738	Proteomics_pub	847105	847152	-	5	KLVVATDTAFV PFEFK	16
PPUB-739	Proteomics_pub	847105	847149	-	5	LVVATDTAFV PFEFK	15
PPUB-740	Proteomics_pub	847634	847663	-	6	FLWFIESNIE	10
PPUB-741	Proteomics_pub	847676	847732	-	6	AIGEAKDDDTADILTAASR	19
PPUB-742	Proteomics_pub	847676	847714	-	6	DDDTADILTAASR	13
PPUB-743	Proteomics_pub	847733	847762	-	6	YAIVANDVRK	10
PPUB-744	Proteomics_pub	847736	847762	-	6	YAIVANDVR	9
PPUB-745	Proteomics_pub	847763	847819	-	6	SYPLDIHNVQDHLKELADR	19
PPUB-746	Proteomics_pub	847778	847819	-	6	SYPLDIHNVQDHLK	14
PPUB-747	Proteomics_pub	847832	847885	-	6	AVQLGGVALGTTQVINSK	18
PPUB-748	Proteomics_pub	847886	847924	-	6	TALIDHLD TMAER	13
PPUB-749	Proteomics_pub	847925	847969	-	6	GANFIAVHEMLDGFR	15
PPUB-750	Proteomics_pub	847970	847990	-	6	QAHWNMR	7
PPUB-751	Proteomics_pub	847991	848029	-	6	QVIQFIDL SLITK	13
PPUB-752	Proteomics_pub	848081	848110	-	6	SKATNLLYTR	10
PPUB-753	Proteomics_pub	854080	854142	-	5	SVQTVTGP DQVDQVVLDEAIK	21

PPUB-754	Proteomics_pub	854143	854223	-	5	YIEVHNPLSTTEAQFEGQEIVPITLTK	27
PPUB-755	Proteomics_pub	854224	854277	-	5	VQFIDEVPVKATTEPDGSR	18
PPUB-756	Proteomics_pub	854251	854277	-	5	VQFIDEVPVK	9
PPUB-757	Proteomics_pub	854500	854529	-	5	AGPTWTPTAK	10
PPUB-758	Proteomics_pub	854545	854571	-	5	DTPINWTTK	9
PPUB-759	Proteomics_pub	854572	854622	-	5	GTNTVIVLPIGIGQLGK	17
PPUB-760	Proteomics_pub	854641	854727	-	5	GGTVLNIPQQILPDTVHEGIVINSAEMR	29
PPUB-761	Proteomics_pub	860933	860965	-	6	MDQYLYPYRR	11
PPUB-762	Proteomics_pub	861794	861829	-	6	MTTLKLDLTSR	12
PPUB-763	Proteomics_pub	864598	864633	-	5	LSGNTASGLPAR	12
PPUB-764	Proteomics_pub	865123	865173	-	5	RGEDISAGAVVFPAGTR	17
PPUB-765	Proteomics_pub	865297	865350	-	5	SFAGQPYHGEWPAGTCIR	18
PPUB-766	Proteomics_pub	865351	865395	-	5	LADIASGQPLPVAGK	15
PPUB-767	Proteomics_pub	876137	876172	-	6	FMQLQQQISAER	12
PPUB-768	Proteomics_pub	876356	876382	-	6	EICPELTR	9
PPUB-769	Proteomics_pub	876449	876493	-	6	ILPYLDIPLQHASPR	15
PPUB-770	Proteomics_pub	876854	876895	-	6	HNPFLSLVPEQGVK	14
PPUB-771	Proteomics_pub	877202	877231	-	6	IGFVSLGCPK	10
PPUB-772	Proteomics_pub	879104	879139	-	6	WYQQLTERPAVR	12
PPUB-773	Proteomics_pub	879140	879247	-	6	WFSGDEFGVGDIAIAPFIYNLFNVGLTWTTPRPNLQR	36
PPUB-774	Proteomics_pub	879299	879328	-	6	DQAAIDASCK	10
PPUB-775	Proteomics_pub	899169	899216	-	4	VTDKDYFGTGLGI AVR	16
PPUB-776	Proteomics_pub	899217	899249	-	4	TNPQLGVATEK	11
PPUB-777	Proteomics_pub	899250	899297	-	4	IDGVFGDTAVVTEWLK	16
PPUB-778	Proteomics_pub	899382	899414	-	4	VG VQNGTTHQK	11
PPUB-779	Proteomics_pub	899457	899510	-	4	QVSFTTPYYENS AVVIAK	18
PPUB-780	Proteomics_pub	899517	899558	-	4	YDAVISGMDITPER	14
PPUB-781	Proteomics_pub	899568	899630	-	4	EIDATCTFSNQAFDSLIPSLK	21
PPUB-782	Proteomics_pub	901495	901524	-	5	DGTYETIYNK	10
PPUB-783	Proteomics_pub	901582	901617	-	5	DYFGTGLGI AVR	12
PPUB-784	Proteomics_pub	901582	901629	-	5	VTDKDYFGTGLGI AVR	16
PPUB-785	Proteomics_pub	901663	901710	-	5	IDGVFGDTAVVTEWLK	16
PPUB-786	Proteomics_pub	901732	901779	-	5	HPEITTVPYDSYQNAK	16
PPUB-787	Proteomics_pub	901795	901827	-	5	VG VQNGTTHQK	11
PPUB-788	Proteomics_pub	901861	901923	-	5	QVLFTTPYYDNSALFVGQQGK	21
PPUB-789	Proteomics_pub	901870	901923	-	5	QVSFTTPYYENS AVVIAK	18
PPUB-790	Proteomics_pub	901981	902043	-	5	EIDATCTFSNQAFDSLIPSLK	21
PPUB-791	Proteomics_pub	902056	902100	-	5	NSQGELVGFIDLAK	15
PPUB-792	Proteomics_pub	902511	902546	-	4	YPLHLGGGQQQR	12
PPUB-793	Proteomics_pub	902511	902555	-	4	AHHYPSELSSGGQQQR	15
PPUB-794	Proteomics_pub	902793	902819	-	4	VLNLEMPR	9
PPUB-795	Proteomics_pub	907594	907626	-	5	NVLINASPIVR	11
PPUB-796	Proteomics_pub	907885	907926	-	5	GLGTPVGSLLVGNR	14
PPUB-797	Proteomics_pub	908572	908598	-	5	GDEVIELAK	9
PPUB-798	Proteomics_pub	908734	908763	-	5	ASEVDEALQR	10
PPUB-799	Proteomics_pub	921592	921642	-	5	GNHASVIVPEVEAAVA	17

PPUB-800	Proteomics_pub	921643	921684	-	5	AGQSVQFDVHQGPK	14
PPUB-801	Proteomics_pub	921694	921738	-	5	DVFNHFSAIQNDGYK	15
PPUB-802	Proteomics_pub	921694	921738	-	5	DVFNHFSAIQNGGFK	15
PPUB-803	Proteomics_pub	921694	921738	-	5	DVFNHFSAIQTNGFK	15
PPUB-804	Proteomics_pub	925475	925528	-	6	ILTGDKVTVELTPYDLSK	18
PPUB-805	Proteomics_pub	925475	925510	-	6	VTVELTPYDLSK	12
PPUB-806	Proteomics_pub	925550	925597	-	6	VELENGHVTAHISGK	16
PPUB-807	Proteomics_pub	925598	925663	-	6	AKEDNIEMQGTVLETLPTMFR	22
PPUB-808	Proteomics_pub	930311	930337	-	6	YLDGLADAK	9
PPUB-809	Proteomics_pub	930338	930391	-	6	QAITSAGTGCMAALDAER	18
PPUB-810	Proteomics_pub	930392	930478	-	6	VQSGIHGNATQTSIPGVFAAGDVMDHIYR	29
PPUB-811	Proteomics_pub	930608	930655	-	6	TLEEVTDGDMGVTVGR	16
PPUB-812	Proteomics_pub	930656	930703	-	6	LMDKVENGNILHTNR	16
PPUB-813	Proteomics_pub	930656	930691	-	6	VENGNILHTNR	12
PPUB-814	Proteomics_pub	930743	930829	-	6	VAVIGGGNTAVEEALYLSNIASEVHLIHR	29
PPUB-815	Proteomics_pub	930839	930880	-	6	GVSACATCDGFFYR	14
PPUB-816	Proteomics_pub	930881	930919	-	6	YLGLPSEEFKGR	13
PPUB-817	Proteomics_pub	930887	930919	-	6	YLGLPSEEFK	11
PPUB-818	Proteomics_pub	931013	931048	-	6	FETEIIFDHINK	12
PPUB-819	Proteomics_pub	931070	931153	-	6	GGQLTTTTEVENWPGDPNDLTGPLLMER	28
PPUB-820	Proteomics_pub	931154	931192	-	6	ANLQPVLITGMEK	13
PPUB-821	Proteomics_pub	931193	931249	-	6	LLILGSGPAGYAAVYAAR	19
PPUB-822	Proteomics_pub	950516	950542	-	6	EQQQDVITR	9
PPUB-823	Proteomics_pub	950582	950614	-	6	HPEKYPQLTIR	11
PPUB-824	Proteomics_pub	950582	950638	-	6	EMLLDAMENPEKYPQLTIR	19
PPUB-825	Proteomics_pub	950603	950638	-	6	EMLLDAMENPEK	12
PPUB-826	Proteomics_pub	950639	950680	-	6	VEGGQHLNVNVLRR	14
PPUB-827	Proteomics_pub	950747	950794	-	6	DGISYTFIVPNALGK	16
PPUB-828	Proteomics_pub	950816	950848	-	6	GAVASLTSVAK	11
PPUB-829	Proteomics_pub	950858	950902	-	6	AGAPFGPGANPMHGR	15
PPUB-830	Proteomics_pub	950858	950905	-	6	RAGAPFGPGANPMHGR	16
PPUB-831	Proteomics_pub	950906	950932	-	6	KTGNTPDGR	9
PPUB-832	Proteomics_pub	950906	950929	-	6	TGNTPDGR	8
PPUB-833	Proteomics_pub	950930	950989	-	6	DAIPTQSVLTITSNVVYGGK	20
PPUB-834	Proteomics_pub	950933	950989	-	6	DAIPTQSVLTITSNVVYGGK	19
PPUB-835	Proteomics_pub	951026	951058	-	6	VDDLAVDLVER	11
PPUB-836	Proteomics_pub	951155	951214	-	6	TMACGIAGLSVAADSLSAIK	20
PPUB-837	Proteomics_pub	951215	951265	-	6	YSYEASLMALHDRDVIR	17
PPUB-838	Proteomics_pub	951227	951265	-	6	YSYEASLMALHDR	13
PPUB-839	Proteomics_pub	951266	951310	-	6	QYITALNIIHYMHDK	15
PPUB-840	Proteomics_pub	951311	951340	-	6	MDHFMWLAK	10
PPUB-841	Proteomics_pub	951341	951376	-	6	GDVLNYDEVMER	12
PPUB-842	Proteomics_pub	951341	951391	-	6	SEPIKGDVLNYDEVMER	17
PPUB-843	Proteomics_pub	951416	951454	-	6	TMLYAINGGVDEK	13
PPUB-844	Proteomics_pub	951470	951493	-	6	QMQQFFGAR	8
PPUB-845	Proteomics_pub	951494	951607	-	6	VSIDTSSLQYENDDLMRPDFNNDYAIACCVSPMIVGK	38

PPUB-846	Proteomics_pub	951641	951709	-	6	FLNTLYTMGSPPEPNMTILWSEK	23
PPUB-847	Proteomics_pub	951737	951817	-	6	TPEYDELFSGDPIWATESIGGMGLDGR	27
PPUB-848	Proteomics_pub	951842	951898	-	6	AGKITEQEAQEMVDHLVMK	19
PPUB-849	Proteomics_pub	951842	951889	-	6	ITEQEAQEMVDHLVMK	16
PPUB-850	Proteomics_pub	951908	951940	-	6	TSTFLDVYIER	11
PPUB-851	Proteomics_pub	951941	951973	-	6	SQNGAAMSFR	11
PPUB-852	Proteomics_pub	952091	952114	-	6	EEIAEQHR	8
PPUB-853	Proteomics_pub	952091	952120	-	6	LREEIAEQHR	10
PPUB-854	Proteomics_pub	952121	952186	-	6	LAQFTSLQADLENGVNLEQTIR	22
PPUB-855	Proteomics_pub	952193	952225	-	6	VALYGIDYLMK	11
PPUB-856	Proteomics_pub	952253	952294	-	6	KSGVLTGLPDAYGR	14
PPUB-857	Proteomics_pub	952253	952291	-	6	SGVLTGLPDAYGR	13
PPUB-858	Proteomics_pub	952301	952351	-	6	KTHNQGVFDVYTPDILR	17
PPUB-859	Proteomics_pub	952301	952348	-	6	THNQGVFDVYTPDILR	16
PPUB-860	Proteomics_pub	952370	952393	-	6	ELDPMIKK	8
PPUB-861	Proteomics_pub	952427	952453	-	6	ALIPFGGIK	9
PPUB-862	Proteomics_pub	952427	952456	-	6	RALIPFGGIK	10
PPUB-863	Proteomics_pub	952454	952489	-	6	IVGLQTEAPLKR	12
PPUB-864	Proteomics_pub	952457	952489	-	6	IVGLQTEAPLK	11
PPUB-865	Proteomics_pub	952502	952576	-	6	THAPVDFDTAVASTITSHDAGYINK	25
PPUB-866	Proteomics_pub	952607	952681	-	6	NYTPYEGDESFLAGATEATTTLWDK	25
PPUB-867	Proteomics_pub	952697	952726	-	6	GDWQNEVNR	10
PPUB-868	Proteomics_pub	952727	952756	-	6	LATAWEGFTK	10
PPUB-869	Proteomics_pub	954971	954997	-	6	TVTELLQGR	9
PPUB-870	Proteomics_pub	955178	955231	-	6	IIAESISLPEIPADVLAR	18
PPUB-871	Proteomics_pub	955247	955276	-	6	VQGLSEVFER	10
PPUB-872	Proteomics_pub	955376	955402	-	6	GICGLPFTR	9
PPUB-873	Proteomics_pub	955619	955657	-	6	AALASALGEYFER	13
PPUB-874	Proteomics_pub	955799	955828	-	6	DAALEDSIAR	10
PPUB-875	Proteomics_pub	955799	955852	-	6	TQTFIPGKDAALEDSIAR	18
PPUB-876	Proteomics_pub	983811	983852	-	4	LREEFGVYAVASGR	14
PPUB-877	Proteomics_pub	983868	983903	-	4	QNGMFSFSGLTK	12
PPUB-878	Proteomics_pub	983937	983966	-	4	QLFVNTLQEK	10
PPUB-879	Proteomics_pub	983988	984020	-	4	AIWEQELTDMR	11
PPUB-880	Proteomics_pub	984021	984092	-	4	ANYSNPPAHGASVVATILSNDALR	24
PPUB-881	Proteomics_pub	984123	984170	-	4	VGACTLVAADSETVDR	16
PPUB-882	Proteomics_pub	984171	984194	-	4	NFLYNER	8
PPUB-883	Proteomics_pub	984195	984224	-	4	ELIVASSYSK	10
PPUB-884	Proteomics_pub	984246	984275	-	4	GLEEDAEGLR	10
PPUB-885	Proteomics_pub	984276	984320	-	4	GWLPLDFAYQGFAR	15
PPUB-886	Proteomics_pub	984498	984530	-	4	SVFNSAGLEVR	11
PPUB-887	Proteomics_pub	984531	984566	-	4	VWVSNPSWPNHK	12
PPUB-888	Proteomics_pub	984609	984644	-	4	TAQTPGGTGALR	12
PPUB-889	Proteomics_pub	984651	984677	-	4	GSALINDKR	9
PPUB-890	Proteomics_pub	984678	984704	-	4	CTQELLFGK	9
PPUB-891	Proteomics_pub	984705	984743	-	4	NYLGIDGIPEFGR	13

PPUB-892	Proteomics_pub	984744	984779	-	4	AEQYLLENETTK	12
PPUB-893	Proteomics_pub	984744	984782	-	4	KAEQYLLENETTK	13
PPUB-894	Proteomics_pub	984783	984821	-	4	DETGKTPVLTSVK	13
PPUB-895	Proteomics_pub	984807	984848	-	4	INLGIGVYKDETGK	14
PPUB-896	Proteomics_pub	984822	984848	-	4	INLGIGVYK	9
PPUB-897	Proteomics_pub	984870	984932	-	4	MFENITAAPADPILGLADLFR	21
PPUB-898	Proteomics_pub	985171	985224	-	5	NMSTYVDYIINQIDSDNK	18
PPUB-899	Proteomics_pub	985225	985260	-	5	YVDVGATYYFNK	12
PPUB-900	Proteomics_pub	985381	985410	-	5	FTNTSGFANK	10
PPUB-901	Proteomics_pub	985435	985482	-	5	YDANNIYLAANYGETR	16
PPUB-902	Proteomics_pub	985483	985509	-	5	AEQWATGLK	9
PPUB-903	Proteomics_pub	985483	985512	-	5	KAEQWATGLK	10
PPUB-904	Proteomics_pub	985510	985551	-	5	TNLQEAQPLGNGKK	14
PPUB-905	Proteomics_pub	985513	985551	-	5	TNLQEAQPLGNGK	13
PPUB-906	Proteomics_pub	985660	985719	-	5	NTDFFGLVDGLNFAVQYQGK	20
PPUB-907	Proteomics_pub	985660	985719	-	5	NSNFFGLVDGLNFAVQYLGK	20
PPUB-908	Proteomics_pub	985840	985872	-	5	FQDVGSFDYGR	11
PPUB-909	Proteomics_pub	985840	985893	-	5	VAFAGLKFQDVGSFDYGR	18
PPUB-910	Proteomics_pub	985840	985893	-	5	LAFAGLKYADVGSFDYGR	18
PPUB-911	Proteomics_pub	985840	985872	-	5	YADVGSFDYGR	11
PPUB-912	Proteomics_pub	986065	986091	-	5	AVGLHYFSK	9
PPUB-913	Proteomics_pub	986092	986121	-	5	DGNKLDLYGK	10
PPUB-914	Proteomics_pub	986092	986121	-	5	DGNKVDLYGK	10
PPUB-915	Proteomics_pub	986853	986888	-	4	LIAYVTGVQNVN	12
PPUB-916	Proteomics_pub	986889	986933	-	4	YGTTPHAGLAFGLDR	15
PPUB-917	Proteomics_pub	986889	986936	-	4	RYGTVPHSGFGLGFER	16
PPUB-918	Proteomics_pub	986889	986933	-	4	YGTVPHSGFGLGFER	15
PPUB-919	Proteomics_pub	986946	986966	-	4	EDYWWYR	7
PPUB-920	Proteomics_pub	987021	987083	-	4	TVAAMDVLAPGIGEIIIGGSQR	21
PPUB-921	Proteomics_pub	987156	987179	-	4	YLAEHFHFK	8
PPUB-922	Proteomics_pub	987180	987233	-	4	KFENPVYWGVDLSSEHER	18
PPUB-923	Proteomics_pub	987396	987482	-	4	HIAEFWMLEPEVAFANLNDIAGLAEAMLK	29
PPUB-924	Proteomics_pub	987507	987533	-	4	IYTFGPTFR	9
PPUB-925	Proteomics_pub	987597	987626	-	4	VDFDKDFFGK	10
PPUB-926	Proteomics_pub	987642	987674	-	4	VSTLDLENLPR	11
PPUB-927	Proteomics_pub	987759	987785	-	4	HTLAQALHR	9
PPUB-928	Proteomics_pub	987759	987791	-	4	VRHTLAQALHR	11
PPUB-929	Proteomics_pub	987792	987818	-	4	TNLIGAVAR	9
PPUB-930	Proteomics_pub	987843	987866	-	4	RHSIEYLR	8
PPUB-931	Proteomics_pub	987867	987920	-	4	VEVAGWVEDPDTYPMAAK	18
PPUB-932	Proteomics_pub	987921	987971	-	4	VVASPGQGQQFEIQASK	17
PPUB-933	Proteomics_pub	987972	988007	-	4	LTTGCSVIVTGK	12
PPUB-934	Proteomics_pub	988140	988169	-	4	VAVDSEVTVR	10
PPUB-935	Proteomics_pub	988170	988205	-	4	SVVPVADVLQGR	12
PPUB-936	Proteomics_pub	988557	988586	-	4	VQLSFGIGTR	10
PPUB-937	Proteomics_pub	988701	988736	-	4	HDSGDPVEWGEK	12

PPUB-938	Proteomics_pub	988752	988778	-	4	DFGVEFASR	9
PPUB-939	Proteomics_pub	989076	989120	-	4	LVDFSALTAGLMSR	15
PPUB-940	Proteomics_pub	989262	989303	-	4	FNPEQVTVSNDNGK	14
PPUB-941	Proteomics_pub	992764	992832	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-942	Proteomics_pub	1015178	1015207	-	6	VGLFQDTSAF	10
PPUB-943	Proteomics_pub	1015208	1015234	-	6	LIYTASDLK	9
PPUB-944	Proteomics_pub	1015235	1015279	-	6	LIMGLADGEVLVDGR	15
PPUB-945	Proteomics_pub	1015235	1015282	-	6	RLIMGLADGEVLVDGR	16
PPUB-946	Proteomics_pub	1015322	1015354	-	6	FTGQVLPTAKK	11
PPUB-947	Proteomics_pub	1015325	1015354	-	6	FTGQVLPTAK	10
PPUB-948	Proteomics_pub	1015538	1015567	-	6	MTETGGNFDK	10
PPUB-949	Proteomics_pub	1015577	1015618	-	6	GPQLPAPNMLMMDR	14
PPUB-950	Proteomics_pub	1015619	1015663	-	6	EDLLASGRGELFGAK	15
PPUB-951	Proteomics_pub	1015640	1015678	-	6	ESYTKEDLLASGR	13
PPUB-952	Proteomics_pub	1018239	1018271	-	4	GIKDVVTQPQA	11
PPUB-953	Proteomics_pub	1018263	1018289	-	4	VEIEVKGIK	9
PPUB-954	Proteomics_pub	1018290	1018325	-	4	AALIDCLAPDRR	12
PPUB-955	Proteomics_pub	1018293	1018325	-	4	AALIDCLAPDR	11
PPUB-956	Proteomics_pub	1018293	1018331	-	4	QRAALIDCLAPDR	13
PPUB-957	Proteomics_pub	1018326	1018382	-	4	GMGESNPVTGNTCDNVKQR	19
PPUB-958	Proteomics_pub	1018332	1018382	-	4	GMGESNPVTGNTCDNVK	17
PPUB-959	Proteomics_pub	1018383	1018412	-	4	GIPADKISAR	10
PPUB-960	Proteomics_pub	1018413	1018445	-	4	AQSVVDYLISK	11
PPUB-961	Proteomics_pub	1018413	1018448	-	4	RAQSVVDYLISK	12
PPUB-962	Proteomics_pub	1018446	1018487	-	4	IGSDAYNQGLSERR	14
PPUB-963	Proteomics_pub	1018449	1018523	-	4	DGSVVVLGYTDRIGSDAYNQGLSER	25
PPUB-964	Proteomics_pub	1018449	1018487	-	4	IGSDAYNQGLSER	13
PPUB-965	Proteomics_pub	1018488	1018523	-	4	DGSVVVLGYTDR	12
PPUB-966	Proteomics_pub	1018524	1018595	-	4	ATLKPEGQAALDQLYSQLSNLDPK	24
PPUB-967	Proteomics_pub	1018596	1018637	-	4	HFTLKSVDLNFNFK	14
PPUB-968	Proteomics_pub	1018596	1018622	-	4	SDVLFNFK	9
PPUB-969	Proteomics_pub	1018638	1018706	-	4	FGQGEAAPVVAPAPAPEVQTK	23
PPUB-970	Proteomics_pub	1018707	1018799	-	4	LEYQWTNNIGDAHTIGTRPDNGMLSLGVSYSR	31
PPUB-971	Proteomics_pub	1018800	1018874	-	4	NHDTGVSPVFAGGVEYAITPEIATR	25
PPUB-972	Proteomics_pub	1018905	1018925	-	4	LGGMVWR	7
PPUB-973	Proteomics_pub	1018926	1018967	-	4	LGYPITDDLDIYTR	14
PPUB-974	Proteomics_pub	1018995	1019021	-	4	GSVENGAYK	9
PPUB-975	Proteomics_pub	1018995	1019033	-	4	MPYKGSVENGAYK	13
PPUB-976	Proteomics_pub	1019178	1019204	-	4	DNTWYTGAK	9
PPUB-977	Proteomics_pub	1025804	1025917	-	6	LATVWNIPVATNVATADFIIQSPHFNDVAVDILIPDYQR	38
PPUB-978	Proteomics_pub	1026077	1026142	-	6	HQPLLEQHVLVYATGTTGNLISR	22
PPUB-979	Proteomics_pub	1028080	1028106	-	5	DVQFIEQFR	9
PPUB-980	Proteomics_pub	1028107	1028139	-	5	IIADAAIDAGR	11
PPUB-981	Proteomics_pub	1028566	1028589	-	5	TGYLDQR	8
PPUB-982	Proteomics_pub	1028836	1028883	-	5	LIAGESDGLPGITIDR	16
PPUB-983	Proteomics_pub	1029007	1029036	-	5	GAYSPASQIR	10

PPUB-984	Proteomics_pub	1029049	1029093	-	5	ASLGETIDIVDHQ GK	15
PPUB-985	Proteomics_pub	1056857	1056913	-	6	ILGLEIGADDYITKPFNPR	19
PPUB-986	Proteomics_pub	1066099	1066134	-	5	DSLFWGEQTIER	12
PPUB-987	Proteomics_pub	1066261	1066293	-	5	AHHVGEWASLR	11
PPUB-988	Proteomics_pub	1066347	1066382	-	4	YQGEYVAGLAVK	12
PPUB-989	Proteomics_pub	1066383	1066415	-	4	QPSQEELSIAR	11
PPUB-990	Proteomics_pub	1066416	1066466	-	4	GGTPYGATTIAGGDGSR	17
PPUB-991	Proteomics_pub	1066614	1066667	-	4	TFLDQTGGLWASGALY GK	18
PPUB-992	Proteomics_pub	1066668	1066694	-	4	FGNMSGQMR	9
PPUB-993	Proteomics_pub	1066695	1066769	-	4	TQTAPVATPQELADYDAIIFGTPTR	25
PPUB-994	Proteomics_pub	1066695	1066769	-	4	TQTAPVATPQELANYDAIIFGTPTR	25
PPUB-995	Proteomics_pub	1066821	1066871	-	4	AVAEGASKVDGAEVVVK	17
PPUB-996	Proteomics_pub	1074245	1074280	-	6	DGTIVSVQGFAR	12
PPUB-997	Proteomics_pub	1074560	1074586	-	6	LLPGPTGER	9
PPUB-998	Proteomics_pub	1074665	1074697	-	6	AALTQPLNALR	11
PPUB-999	Proteomics_pub	1074734	1074781	-	6	LLANRPESALAVTLAR	16
PPUB-1000	Proteomics_pub	1074782	1074808	-	6	AGGPLYLYR	9
PPUB-1001	Proteomics_pub	1075211	1075252	-	6	LTTDIGPVIDSEAK	14
PPUB-1002	Proteomics_pub	1075301	1075342	-	6	VLCLQDEIADHTLK	14
PPUB-1003	Proteomics_pub	1075565	1075603	-	6	GETVGAQLTGDDR	13
PPUB-1004	Proteomics_pub	1075565	1075651	-	6	LEDGLPVGVDVVEGLDGCHSANISPDNR	29
PPUB-1005	Proteomics_pub	1075874	1075903	-	6	TFSNAIAEVR	10
PPUB-1006	Proteomics_pub	1076174	1076218	-	6	LASLSSALLNSALQK	15
PPUB-1007	Proteomics_pub	1076219	1076257	-	6	DNSAGLDLANEHR	13
PPUB-1008	Proteomics_pub	1076294	1076335	-	6	LAQQEQGTGLPHPK	14
PPUB-1009	Proteomics_pub	1076441	1076491	-	6	IYAPVGTHTLLAYLVR	17
PPUB-1010	Proteomics_pub	1077119	1077151	-	6	GIYEGPGISIK	11
PPUB-1011	Proteomics_pub	1077416	1077451	-	6	LVSTHNEASLSR	12
PPUB-1012	Proteomics_pub	1113033	1113059	-	4	AAADEWDER	9
PPUB-1013	Proteomics_pub	1113288	1113359	-	4	EEFLADNPGIDAEDANVQQFNAQK	24
PPUB-1014	Proteomics_pub	1117361	1117396	-	6	YPQATFTSTSVK	12
PPUB-1015	Proteomics_pub	1118709	1118735	-	4	SDFDLTPFR	9
PPUB-1016	Proteomics_pub	1118985	1119023	-	4	HNGGQVIHSADER	13
PPUB-1017	Proteomics_pub	1119159	1119194	-	4	DLLPELPVQPVR	12
PPUB-1018	Proteomics_pub	1119228	1119281	-	4	HDDDGVTIETADGEYQAK	18
PPUB-1019	Proteomics_pub	1119369	1119419	-	4	VPDNYIGLFETDSGFLR	17
PPUB-1020	Proteomics_pub	1119435	1119461	-	4	LDAQGIMAR	9
PPUB-1021	Proteomics_pub	1121060	1121095	-	6	VFLGTDSAPHAR	12
PPUB-1022	Proteomics_pub	1121096	1121122	-	6	ELVASGFNR	9
PPUB-1023	Proteomics_pub	1121123	1121149	-	6	RNIHQALR	9
PPUB-1024	Proteomics_pub	1121207	1121248	-	6	LAATIPQHLMFNR	14
PPUB-1025	Proteomics_pub	1121333	1121362	-	6	FIESVMEPLR	10
PPUB-1026	Proteomics_pub	1121522	1121554	-	6	GFNEGVFTAAK	11
PPUB-1027	Proteomics_pub	1121714	1121749	-	6	TVVPYTSEIYGR	12
PPUB-1028	Proteomics_pub	1122633	1122668	-	4	QTQINLLSSMAI	12
PPUB-1029	Proteomics_pub	1122843	1122899	-	4	EASAGNFADLLAHS DGLIK	19

PPUB-1030	Proteomics_pub	1122921	1122956	-	4	SAFDEFSTPAAR	12
PPUB-1031	Proteomics_pub	1123005	1123031	-	4	SPAIEEWLR	9
PPUB-1032	Proteomics_pub	1123155	1123211	-	4	NIPVELHVLLNDDAETPTR	19
PPUB-1033	Proteomics_pub	1123236	1123271	-	4	LYIYDHCPYCLK	12
PPUB-1034	Proteomics_pub	1140408	1140476	-	4	GAAGGHTATHHASAAPARPQVE	23
PPUB-1035	Proteomics_pub	1140519	1140554	-	4	APAPEYVPEAPR	12
PPUB-1036	Proteomics_pub	1141011	1141055	-	4	YPIVRPQDVQVEEQR	15
PPUB-1037	Proteomics_pub	1141455	1141505	-	4	ALNVEEQSVQETEQEER	17
PPUB-1038	Proteomics_pub	1141563	1141589	-	4	TADEQQAPR	9
PPUB-1039	Proteomics_pub	1141629	1141658	-	4	QAQQQTAETR	10
PPUB-1040	Proteomics_pub	1141800	1141853	-	4	ALFSGGEETKPTQPAPK	18
PPUB-1041	Proteomics_pub	1141872	1141922	-	4	AAPATPAAPAQPGLLSR	17
PPUB-1042	Proteomics_pub	1142028	1142078	-	4	LHEEAMALPSEEEFAER	17
PPUB-1043	Proteomics_pub	1142316	1142348	-	4	DNESLSLSILR	11
PPUB-1044	Proteomics_pub	1142349	1142372	-	4	CSGTGTVR	8
PPUB-1045	Proteomics_pub	1142373	1142417	-	4	LSPSLGESSHHVCPR	15
PPUB-1046	Proteomics_pub	1142886	1142921	-	4	QDIGEILIDNPK	12
PPUB-1047	Proteomics_pub	1143399	1143446	-	4	IEPSLEAAFVDYGAER	16
PPUB-1048	Proteomics_pub	1168833	1168886	-	4	VQFIDEVPKATTEPDGSR	18
PPUB-1049	Proteomics_pub	1169262	1169348	-	4	GGTVLNIQQQLPDTVHEGIVINSAEMR	29
PPUB-1050	Proteomics_pub	1170842	1170874	-	6	DLSIATPPAR	11
PPUB-1051	Proteomics_pub	1171052	1171078	-	6	IDILIGTHK	9
PPUB-1052	Proteomics_pub	1171532	1171555	-	6	LGGDAWSR	8
PPUB-1053	Proteomics_pub	1171556	1171594	-	6	YAGGAEENAPLHK	13
PPUB-1054	Proteomics_pub	1171595	1171633	-	6	LYVPVSSLHLISR	13
PPUB-1055	Proteomics_pub	1171712	1171771	-	6	NLAELHIGQPVVHLEHGVGR	20
PPUB-1056	Proteomics_pub	1172117	1172146	-	6	AANANLGFQK	10
PPUB-1057	Proteomics_pub	1172693	1172734	-	6	HVDQVMEHGEYATR	14
PPUB-1058	Proteomics_pub	1181024	1181086	-	6	NGEWQNDVGAASSIYEEYYQK	21
PPUB-1059	Proteomics_pub	1181024	1181116	-	6	TLYPDAETIKNGEWQNDVGAASSIYEEYYQK	31
PPUB-1060	Proteomics_pub	1181087	1181116	-	6	TLYPDAETIK	10
PPUB-1061	Proteomics_pub	1181117	1181149	-	6	KLLSPEVANDK	11
PPUB-1062	Proteomics_pub	1181117	1181146	-	6	LLSPEVANDK	10
PPUB-1063	Proteomics_pub	1181150	1181197	-	6	QVAETIGYTPNLAAR	16
PPUB-1064	Proteomics_pub	1181198	1181233	-	6	LINFLLRPDVAK	12
PPUB-1065	Proteomics_pub	1181255	1181305	-	6	EGGIFWMDSLAIPANAK	17
PPUB-1066	Proteomics_pub	1181306	1181341	-	6	QAGTPIDVVWPK	12
PPUB-1067	Proteomics_pub	1181450	1181482	-	6	EIEAAYNELKK	11
PPUB-1068	Proteomics_pub	1181453	1181482	-	6	EIEAAYNELK	10
PPUB-1069	Proteomics_pub	1181483	1181515	-	6	LGYSGNTTDPK	11
PPUB-1070	Proteomics_pub	1181543	1181572	-	6	GSLLLTDDAR	10
PPUB-1071	Proteomics_pub	1181573	1181614	-	6	SVTSWADLWKPEYK	14
PPUB-1072	Proteomics_pub	1181786	1181833	-	6	DGAYDLVVPSTYYVDK	16
PPUB-1073	Proteomics_pub	1181786	1181842	-	6	TYKDGAYDLVVPSTYYVDK	19
PPUB-1074	Proteomics_pub	1181849	1181893	-	6	VIYSTYESNETMYAK	15
PPUB-1075	Proteomics_pub	1183864	1183917	-	5	VEEINDDNHAEGLIGYVR	18

PPUB-1076	Proteomics_pub	1184269	1184337	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-1077	Proteomics_pub	1184353	1184397	-	5	AHHYPSELSSGGQQQR	15
PPUB-1078	Proteomics_pub	1184353	1184388	-	5	KPHQLSGGQQQR	12
PPUB-1079	Proteomics_pub	1184389	1184418	-	5	MVQLETFAQR	10
PPUB-1080	Proteomics_pub	1184437	1184463	-	5	TPAAEITPR	9
PPUB-1081	Proteomics_pub	1184599	1184634	-	5	LIAGLETVDSGR	12
PPUB-1082	Proteomics_pub	1184743	1184790	-	5	QPSSLSPLVQLAGIRK	16
PPUB-1083	Proteomics_pub	1184746	1184790	-	5	QPSSLSPLVQLAGIR	15
PPUB-1084	Proteomics_pub	1189002	1189028	-	4	GQGYLFELR	9
PPUB-1085	Proteomics_pub	1189029	1189070	-	4	IQAQYPQEVITTVR	14
PPUB-1086	Proteomics_pub	1189224	1189253	-	4	ELSINDEVIK	10
PPUB-1087	Proteomics_pub	1189257	1189316	-	4	NSGLASQVISLPPFQVDLSR	20
PPUB-1088	Proteomics_pub	1189428	1189469	-	4	SNDVSLPILVLTAR	14
PPUB-1089	Proteomics_pub	1189569	1189619	-	4	VQIQDAGHQVDDAEDAK	17
PPUB-1090	Proteomics_pub	1189632	1189664	-	4	VLVVEDNALLR	11
PPUB-1091	Proteomics_pub	1189842	1189868	-	4	AITMVDELK	9
PPUB-1092	Proteomics_pub	1189869	1189898	-	4	AMTPANYIGR	10
PPUB-1093	Proteomics_pub	1189905	1189949	-	4	QFIDGLALPEEEKAR	15
PPUB-1094	Proteomics_pub	1189911	1189949	-	4	QFIDGLALPEEEK	13
PPUB-1095	Proteomics_pub	1189998	1190027	-	4	RYGIEKPYEK	10
PPUB-1096	Proteomics_pub	1189998	1190024	-	4	YGIEKPYEK	9
PPUB-1097	Proteomics_pub	1190124	1190177	-	4	NLGVGIGYALIAYQSTLK	18
PPUB-1098	Proteomics_pub	1190178	1190204	-	4	DLTDSTVLR	9
PPUB-1099	Proteomics_pub	1190229	1190306	-	4	VNPIDFENSEGNLGLSNAVLQHLASK	26
PPUB-1100	Proteomics_pub	1190307	1190348	-	4	TIAGEIGSSTMPHK	14
PPUB-1101	Proteomics_pub	1190391	1190420	-	4	FNTILIDFDR	10
PPUB-1102	Proteomics_pub	1190592	1190621	-	4	QLNQVEILGK	10
PPUB-1103	Proteomics_pub	1190664	1190702	-	4	THGQPATPSTIGK	13
PPUB-1104	Proteomics_pub	1190724	1190765	-	4	QLIDGIKDLAVQYR	14
PPUB-1105	Proteomics_pub	1190766	1190792	-	4	DEVILPYWR	9
PPUB-1106	Proteomics_pub	1190766	1190801	-	4	TARDEVILPYWR	12
PPUB-1107	Proteomics_pub	1190967	1191047	-	4	EVPAFAADAIGYLDIVASFSEEDAAR	27
PPUB-1108	Proteomics_pub	1191108	1191137	-	4	GIFSEYGLLK	10
PPUB-1109	Proteomics_pub	1191165	1191209	-	4	MELSSLTAVSPVDGR	15
PPUB-1110	Proteomics_pub	1192385	1192417	-	6	DSTGICFIGER	11
PPUB-1111	Proteomics_pub	1192424	1192456	-	6	IAEDLGLVTAK	11
PPUB-1112	Proteomics_pub	1192601	1192645	-	6	DIGAQYIIIGHSERR	15
PPUB-1113	Proteomics_pub	1192805	1192882	-	6	NWEEDDGEYEYCTAAADLADAQAVCDK	26
PPUB-1114	Proteomics_pub	1197434	1197457	-	6	NNMFEPK	8
PPUB-1115	Proteomics_pub	1223565	1223612	-	4	YVQIDPEMVTVQLEQK	16
PPUB-1116	Proteomics_pub	1223640	1223675	-	4	SDAEPHYLPQLR	12
PPUB-1117	Proteomics_pub	1223739	1223765	-	4	ALLDFFLSR	9
PPUB-1118	Proteomics_pub	1223850	1223927	-	4	ASNQGEPVILDINADAGKAYADTVER	26
PPUB-1119	Proteomics_pub	1223874	1223927	-	4	ASNQGEPVILDINADAGK	18
PPUB-1120	Proteomics_pub	1223928	1223966	-	4	LVGVIPEDQSVLR	13
PPUB-1121	Proteomics_pub	1224060	1224089	-	4	RAENGEPIK	10

PPUB-1122	Proteomics_pub	1224096	1224131	-	4	DSDRILGILASK	12
PPUB-1123	Proteomics_pub	1224309	1224347	-	4	TENLYILPASQTR	13
PPUB-1124	Proteomics_pub	1224423	1224452	-	4	NLDLIMG CER	10
PPUB-1125	Proteomics_pub	1224495	1224536	-	4	TTSSAAIATGLA QK	14
PPUB-1126	Proteomics_pub	1224998	1225027	-	6	MGLPILTEGK	10
PPUB-1127	Proteomics_pub	1225199	1225225	-	6	VIHQALEDK	9
PPUB-1128	Proteomics_pub	1226297	1226323	-	6	KYNVDIQIK	9
PPUB-1129	Proteomics_pub	1226378	1226431	-	6	YSPELDSHGQYSLPASGK	18
PPUB-1130	Proteomics_pub	1226525	1226560	-	6	GYDYDTYTFYAK	12
PPUB-1131	Proteomics_pub	1226561	1226596	-	6	GHSSAQYSGEIK	12
PPUB-1132	Proteomics_pub	1241395	1241436	-	5	EGTQLTISGHVPVK	14
PPUB-1133	Proteomics_pub	1241437	1241484	-	5	TVTLP LGAHAILNNTR	16
PPUB-1134	Proteomics_pub	1241632	1241670	-	5	MLLQLYHAGILPR	13
PPUB-1135	Proteomics_pub	1242181	1242228	-	5	LTDAGHQVNNVEVIAR	16
PPUB-1136	Proteomics_pub	1247240	1247323	-	6	HMTADAAAHEVIEGQASALEELDDEY LK	28
PPUB-1137	Proteomics_pub	1247561	1247641	-	6	QLAEDNFGETE EVAPPTLRPVPPVSGK	27
PPUB-1138	Proteomics_pub	1248272	1248301	-	6	LGEGVGELAR	10
PPUB-1139	Proteomics_pub	1248939	1248965	-	4	TQIVNWLTR	9
PPUB-1140	Proteomics_pub	1248994	1249059	-	5	VDETLALWDAPVHTPALN WGK	22
PPUB-1141	Proteomics_pub	1249999	1250052	-	5	LINDVQDVLDEQLAGLAK	18
PPUB-1142	Proteomics_pub	1253085	1253105	-	4	DGNIWLR	7
PPUB-1143	Proteomics_pub	1255947	1255979	-	4	DGDVMNFLFNV	11
PPUB-1144	Proteomics_pub	1256043	1256081	-	4	AQTISFEDFITYK	13
PPUB-1145	Proteomics_pub	1256115	1256162	-	4	AWTIPVGATAPQAAGK	16
PPUB-1146	Proteomics_pub	1256172	1256210	-	4	LLNLQTYFTAGVK	13
PPUB-1147	Proteomics_pub	1256367	1256459	-	4	YLSFLT LKPTMYIANVNEDGFENNPYLDQVR	31
PPUB-1148	Proteomics_pub	1256499	1256534	-	4	CLPQLENAGMLR	12
PPUB-1149	Proteomics_pub	1256682	1256720	-	4	CFENDNIIHVSGK	13
PPUB-1150	Proteomics_pub	1256721	1256750	-	4	ETEAI GHVVR	10
PPUB-1151	Proteomics_pub	1256751	1256801	-	4	GASKGEG LGNQFLT NIR	17
PPUB-1152	Proteomics_pub	1256751	1256789	-	4	GEG LGNQFLT NIR	13
PPUB-1153	Proteomics_pub	1256802	1256849	-	4	TLPTTMEFVDIAGLVK	16
PPUB-1154	Proteomics_pub	1256850	1256885	-	4	LDQLAEIVK PQR	12
PPUB-1155	Proteomics_pub	1256964	1256990	-	4	STLFNALT K	9
PPUB-1156	Proteomics_pub	1257224	1257256	-	6	LIDEAIDEAAR	11
PPUB-1157	Proteomics_pub	1257257	1257301	-	6	VVG FVLGKPPVSEQK	15
PPUB-1158	Proteomics_pub	1257341	1257367	-	6	LGNNPNFHR	9
PPUB-1159	Proteomics_pub	1257488	1257517	-	6	AVAAMASFFR	10
PPUB-1160	Proteomics_pub	1257518	1257556	-	6	LLVPTTFMNL SGK	13
PPUB-1161	Proteomics_pub	1257557	1257583	-	6	VTLGGEDVR	9
PPUB-1162	Proteomics_pub	1257635	1257676	-	6	HNAGAWFVDLLAER	14
PPUB-1163	Proteomics_pub	1257677	1257724	-	6	LIVGLANPGA EYAATR	16
PPUB-1164	Proteomics_pub	1260154	1260192	-	5	ISNEESISAMFEH	13
PPUB-1165	Proteomics_pub	1260154	1260195	-	5	RISNEESISAMFEH	14
PPUB-1166	Proteomics_pub	1260196	1260234	-	5	TLT LSGMLAEAIR	13
PPUB-1167	Proteomics_pub	1260253	1260312	-	5	NSVIDEVVCDTIPLSDEIK	20

PPUB-1168	Proteomics_pub	1260313	1260372	-	5	RVFAYATHPIFSGNAANNLR	20
PPUB-1169	Proteomics_pub	1260313	1260369	-	5	VFAYATHPIFSGNAANNLR	19
PPUB-1170	Proteomics_pub	1260457	1260504	-	5	ANVSQVMHIIGDVAGR	16
PPUB-1171	Proteomics_pub	1260514	1260552	-	5	LLNDTDMAIIDKR	13
PPUB-1172	Proteomics_pub	1260517	1260552	-	5	LLNDTDMAIIDK	12
PPUB-1173	Proteomics_pub	1260727	1260765	-	5	VVADFLSSVGVDR	13
PPUB-1174	Proteomics_pub	1260811	1260861	-	5	ASAGRITAVIPYFGYAR	17
PPUB-1175	Proteomics_pub	1260811	1260846	-	5	ITAVIPYFGYAR	12
PPUB-1176	Proteomics_pub	1260997	1261044	-	5	IANRLYTSLGDAAVGR	16
PPUB-1177	Proteomics_pub	1260997	1261032	-	5	LYTSLGDAAVGR	12
PPUB-1178	Proteomics_pub	1261045	1261083	-	5	LFAGNATPELAQR	13
PPUB-1179	Proteomics_pub	1262316	1262351	-	4	LTGMPIPLNSLR	12
PPUB-1180	Proteomics_pub	1262484	1262513	-	4	FFWQQTGQDR	10
PPUB-1181	Proteomics_pub	1272484	1272567	-	5	GISTLPLIDGVEIGTLVELAQWTLASDK	28
PPUB-1182	Proteomics_pub	1272670	1272708	-	5	LFLMSDAVTAGLR	13
PPUB-1183	Proteomics_pub	1272709	1272735	-	5	EQESNLDLR	9
PPUB-1184	Proteomics_pub	1272754	1272813	-	5	IVIVANGAPYGSSESLFNSLR	20
PPUB-1185	Proteomics_pub	1274531	1274557	-	6	LIAQGLPNK	9
PPUB-1186	Proteomics_pub	1274699	1274749	-	6	ASEGELLAQVEPEDLIK	17
PPUB-1187	Proteomics_pub	1287308	1287334	-	6	VLTPFVAR	9
PPUB-1188	Proteomics_pub	1287344	1287394	-	6	MADAIDAYQPDYVVLAK	17
PPUB-1189	Proteomics_pub	1287413	1287457	-	6	FDIPFELVSHEGLTR	15
PPUB-1190	Proteomics_pub	1287413	1287472	-	6	SLVERFDIPFELVSHEGLTR	20
PPUB-1191	Proteomics_pub	1287536	1287568	-	6	EAHCLGDLLMK	11
PPUB-1192	Proteomics_pub	1287617	1287694	-	6	TELEGIFNDSTLLADLDSALPEGSVR	26
PPUB-1193	Proteomics_pub	1287716	1287760	-	6	HELNIVQNNFVDHR	15
PPUB-1194	Proteomics_pub	1287797	1287817	-	6	TICPDQK	7
PPUB-1195	Proteomics_pub	1291735	1291761	-	5	SLDDFLIKQ	9
PPUB-1196	Proteomics_pub	1291804	1291824	-	5	TWTGQGR	7
PPUB-1197	Proteomics_pub	1291825	1291875	-	5	AQRPAKYSYVDENGETK	17
PPUB-1198	Proteomics_pub	1291825	1291857	-	5	YSYVDENGETK	11
PPUB-1199	Proteomics_pub	1291897	1291959	-	5	EMLIADGIDPNELLNSLAAVK	21
PPUB-1200	Proteomics_pub	1291984	1292022	-	5	EEESAAAAEVEER	13
PPUB-1201	Proteomics_pub	1291984	1292025	-	5	REEESAAAAEVEER	14
PPUB-1202	Proteomics_pub	1292026	1292088	-	5	ECTLETLEEMLEKLEVVNER	21
PPUB-1203	Proteomics_pub	1292050	1292088	-	5	ECTLETLEEMLEK	13
PPUB-1204	Proteomics_pub	1292110	1292142	-	5	SEALKILNNIR	11
PPUB-1205	Proteomics_pub	1294717	1294749	-	5	DYVEGETAAK	11
PPUB-1206	Proteomics_pub	1294720	1294749	-	5	DYVEGETAAK	10
PPUB-1207	Proteomics_pub	1294750	1294779	-	5	QILLDTYYGR	10
PPUB-1208	Proteomics_pub	1294780	1294851	-	5	LSEDAFDDQCTGANPRYPLISELK	24
PPUB-1209	Proteomics_pub	1294804	1294851	-	5	LSEDAFDDQCTGANPR	16
PPUB-1210	Proteomics_pub	1294852	1294896	-	5	EAGVQEADFLANVDK	15
PPUB-1211	Proteomics_pub	1294927	1294953	-	5	LLAWLETLK	9
PPUB-1212	Proteomics_pub	1294975	1295022	-	5	YAEIADHLGLSAPGDR	16
PPUB-1213	Proteomics_pub	1295029	1295067	-	5	QTAFSQYDRPQAR	13

PPUB-1214	Proteomics_pub	1295068	1295094	-	5	YNANDNPTK	9
PPUB-1215	Proteomics_pub	1295095	1295160	-	5	LGSQFHIPHLANALLICNVIR	22
PPUB-1216	Proteomics_pub	1295245	1295295	-	5	EYLPASYHEGSKNPVAR	17
PPUB-1217	Proteomics_pub	1295260	1295295	-	5	EYLPASYHEGSK	12
PPUB-1218	Proteomics_pub	1295413	1295487	-	5	YPLADYALTPDMAIVDANLVMDMPK	25
PPUB-1219	Proteomics_pub	1295488	1295571	-	5	MIAVTTTSGTGSEVTPFAVVTDATGQK	28
PPUB-1220	Proteomics_pub	1295629	1295685	-	5	IMWVMYEHPEHFEEALR	19
PPUB-1221	Proteomics_pub	1295686	1295763	-	5	GAELANSFKPDVIALGGGSPMDAAK	26
PPUB-1222	Proteomics_pub	1295686	1295766	-	5	KGAELANSFKPDVIALGGGSPMDAAK	27
PPUB-1223	Proteomics_pub	1295833	1295880	-	5	FLFNNGYADQITSVLK	16
PPUB-1224	Proteomics_pub	1295902	1295952	-	5	GSLPIALDEVITDGHKR	17
PPUB-1225	Proteomics_pub	1295905	1295952	-	5	GSLPIALDEVITDGHK	16
PPUB-1226	Proteomics_pub	1295905	1295955	-	5	RGSLPIALDEVITDGHK	17
PPUB-1227	Proteomics_pub	1295980	1296006	-	5	RAENMLWHK	9
PPUB-1228	Proteomics_pub	1296037	1296108	-	5	LAPSLTLGCGSWGGSISENVGPK	24
PPUB-1229	Proteomics_pub	1296109	1296165	-	5	ILINTPASQGGIGDLYNFK	19
PPUB-1230	Proteomics_pub	1296202	1296270	-	5	LVAMGGIGHTSCLYTDQDNQPAR	23
PPUB-1231	Proteomics_pub	1296280	1296309	-	5	AKDFEDAVEK	10
PPUB-1232	Proteomics_pub	1296280	1296303	-	5	DFEDAVEK	8
PPUB-1233	Proteomics_pub	1296310	1296336	-	5	LSPTLAMYP	9
PPUB-1234	Proteomics_pub	1296337	1296393	-	5	ILIGEVTVVDESEPFHAHEK	19
PPUB-1235	Proteomics_pub	1296394	1296435	-	5	IAELAGFSVPENTK	14
PPUB-1236	Proteomics_pub	1296436	1296480	-	5	NGALNAAIVGQPAYK	15
PPUB-1237	Proteomics_pub	1296514	1296549	-	5	FATHGGYLLQGK	12
PPUB-1238	Proteomics_pub	1296658	1296744	-	5	AAVSSGKPAIGVGAGNTPVVIDETADIKR	29
PPUB-1239	Proteomics_pub	1296661	1296744	-	5	AAVSSGKPAIGVGAGNTPVVIDETADIK	28
PPUB-1240	Proteomics_pub	1296745	1296852	-	5	DLIGWIDQPSVELSNALMHHDPDINLILATGGPGMVK	36
PPUB-1241	Proteomics_pub	1296853	1296900	-	5	AADIVLQAIIAAGAPK	16
PPUB-1242	Proteomics_pub	1296922	1296951	-	5	NAIIFSPHPR	10
PPUB-1243	Proteomics_pub	1297093	1297140	-	5	NHFASEYIYNAYKDEK	16
PPUB-1244	Proteomics_pub	1297102	1297140	-	5	NHFASEYIYNAYK	13
PPUB-1245	Proteomics_pub	1297150	1297191	-	5	MAVAESGMGIVEDK	14
PPUB-1246	Proteomics_pub	1297192	1297236	-	5	AAALAAADARIPLAK	15
PPUB-1247	Proteomics_pub	1297207	1297245	-	5	IFRAALAAADAR	13
PPUB-1248	Proteomics_pub	1297246	1297281	-	5	EYASFTQEQVVK	12
PPUB-1249	Proteomics_pub	1297300	1297341	-	5	AVTNVAELNALVER	14
PPUB-1250	Proteomics_pub	1314683	1314709	-	6	AGVTGAENR	9
PPUB-1251	Proteomics_pub	1314710	1314733	-	6	GYTYLLSR	8
PPUB-1252	Proteomics_pub	1315211	1315237	-	6	YESLFAQLK	9
PPUB-1253	Proteomics_pub	1327059	1327097	-	4	IALVTGASRGIGR	13
PPUB-1254	Proteomics_pub	1328459	1328485	-	6	HLAHLVLEK	9
PPUB-1255	Proteomics_pub	1328576	1328626	-	6	EHEDTLAGIEATGVTVQR	17
PPUB-1256	Proteomics_pub	1341714	1341755	-	4	FGAVHSYSIGPVER	14
PPUB-1257	Proteomics_pub	1341834	1341884	-	4	AFIGIDGWQPETGFTGR	17
PPUB-1258	Proteomics_pub	1342266	1342295	-	4	ATGVSEVTIR	10
PPUB-1259	Proteomics_pub	1345041	1345079	-	4	VTDVIDVTIAEVR	13

PPUB-1260	Proteomics_pub	1345143	1345199	-	4	LVDNGAIAFIPAPFLHAVR	19
PPUB-1261	Proteomics_pub	1345218	1345247	-	4	FAAEIVDISR	10
PPUB-1262	Proteomics_pub	1345281	1345307	-	4	DVGDWLYAR	9
PPUB-1263	Proteomics_pub	1345335	1345400	-	4	AVIKGETATRPQDEITVQMAER	22
PPUB-1264	Proteomics_pub	1345335	1345388	-	4	GETATRPQDEITVQMAER	18
PPUB-1265	Proteomics_pub	1345536	1345574	-	4	ELDAQPTGFLDSR	13
PPUB-1266	Proteomics_pub	1345641	1345715	-	4	LGFGIYNVHMGFDPANADALAALLK	25
PPUB-1267	Proteomics_pub	1345791	1345823	-	4	GEVLDIVAEPR	11
PPUB-1268	Proteomics_pub	1345860	1345883	-	4	HNHALVFK	8
PPUB-1269	Proteomics_pub	1346082	1346114	-	4	ANEVRPVLACR	11
PPUB-1270	Proteomics_pub	1346115	1346144	-	4	ELSDDLCSLR	10
PPUB-1271	Proteomics_pub	1346145	1346192	-	4	AFTNYLPGFNIPMLPR	16
PPUB-1272	Proteomics_pub	1346217	1346273	-	4	LQLIVAIADPTAWIAEGSK	19
PPUB-1273	Proteomics_pub	1346538	1346567	-	4	EGDWAVAEMR	10
PPUB-1274	Proteomics_pub	1346616	1346648	-	4	LAIVPDHPLLK	11
PPUB-1275	Proteomics_pub	1346727	1346759	-	4	IIAVIHSEKER	11
PPUB-1276	Proteomics_pub	1346733	1346759	-	4	IIAVIHSEK	9
PPUB-1277	Proteomics_pub	1346811	1346843	-	4	GFGFLEVDAQK	11
PPUB-1278	Proteomics_pub	1346901	1346936	-	4	MFQDNPLLAQLK	12
PPUB-1279	Proteomics_pub	1348410	1348448	-	4	MLAHCEAVTPIRR	13
PPUB-1280	Proteomics_pub	1348413	1348448	-	4	MLAHCEAVTPIR	12
PPUB-1281	Proteomics_pub	1348485	1348514	-	4	VNAISAGPIR	10
PPUB-1282	Proteomics_pub	1348515	1348550	-	4	YMANAMGPEGVR	12
PPUB-1283	Proteomics_pub	1348575	1348610	-	4	AIPNYNVMLAK	12
PPUB-1284	Proteomics_pub	1348611	1348667	-	4	SMLNPGSALLTSLYGAER	19
PPUB-1285	Proteomics_pub	1348677	1348721	-	4	IAHDISSYSFVAMAK	15
PPUB-1286	Proteomics_pub	1348734	1348811	-	4	FDGFVHSIGFAPGDQLDGDYVNAVTR	26
PPUB-1287	Proteomics_pub	1348929	1348973	-	4	EGAELAFYQNDKLLK	15
PPUB-1288	Proteomics_pub	1348935	1348973	-	4	EGAELAFYQNDK	13
PPUB-1289	Proteomics_pub	1348974	1349012	-	4	LSIAYGIAQAMHR	13
PPUB-1290	Proteomics_pub	1349013	1349042	-	4	RILVTGVASK	10
PPUB-1291	Proteomics_pub	1353878	1353904	-	6	VVIVPVEGR	9
PPUB-1292	Proteomics_pub	1353998	1354027	-	6	SLGLENLTLK	10
PPUB-1293	Proteomics_pub	1354748	1354786	-	6	ELNADDVVFSFDR	13
PPUB-1294	Proteomics_pub	1355567	1355605	-	6	TPLAHYFQLLLTR	13
PPUB-1295	Proteomics_pub	1386452	1386505	-	6	NAEFLQAYGVAIADGPLK	18
PPUB-1296	Proteomics_pub	1386506	1386556	-	6	FCGAEGLNNVITLSTFR	17
PPUB-1297	Proteomics_pub	1386557	1386634	-	6	FNQLATEIDNTVVLCSADLPFAQSR	26
PPUB-1298	Proteomics_pub	1386635	1386691	-	6	VLNIFPSIDTGVCAASVRK	19
PPUB-1299	Proteomics_pub	1386638	1386694	-	6	KVLNIFPSIDTGVCAASVR	19
PPUB-1300	Proteomics_pub	1386638	1386691	-	6	VLNIFPSIDTGVCAASVR	18
PPUB-1301	Proteomics_pub	1386695	1386736	-	6	DLSDVTLGQFAGKR	14
PPUB-1302	Proteomics_pub	1386698	1386736	-	6	DLSDVTLGQFAGK	13
PPUB-1303	Proteomics_pub	1386764	1386832	-	6	SQTVHFQGNPVTVANSIPQAGSK	23
PPUB-1304	Proteomics_pub	1395768	1395827	-	4	TGISAAFLGNTAEQVIDHLR	20
PPUB-1305	Proteomics_pub	1396380	1396415	-	4	YYLNAGVPIEIK	12

PPUB-1306	Proteomics_pub	1396416	1396442	-	4	TAWIHEQAK	9
PPUB-1307	Proteomics_pub	1396810	1396863	-	5	YITTIENNDALAQLAGHTR	18
PPUB-1308	Proteomics_pub	1397014	1397043	-	5	LAAFIYNLSR	10
PPUB-1309	Proteomics_pub	1409637	1409669	-	4	IVEENTYGIVK	11
PPUB-1310	Proteomics_pub	1409688	1409732	-	4	QPGFPEHVLPEYLEK	15
PPUB-1311	Proteomics_pub	1409733	1409792	-	4	NLQQSAPINFSLVAVNLDQK	20
PPUB-1312	Proteomics_pub	1409793	1409822	-	4	DSYTMLEILR	10
PPUB-1313	Proteomics_pub	1409946	1409972	-	4	MQENQQITK	9
PPUB-1314	Proteomics_pub	1433877	1433903	-	4	NMSTYVDYK	9
PPUB-1315	Proteomics_pub	1433904	1433939	-	4	YVDVGATYFFNK	12
PPUB-1316	Proteomics_pub	1434009	1434086	-	4	AQNFEAVAQYQFDFGLRPSLAYLQSK	26
PPUB-1317	Proteomics_pub	1434132	1434179	-	4	YDANNIYLAANYGETR	16
PPUB-1318	Proteomics_pub	1434576	1434608	-	4	FQDVGSFDYGR	11
PPUB-1319	Proteomics_pub	1434576	1434629	-	4	VAFAGLKFQDVGSFDYGR	18
PPUB-1320	Proteomics_pub	1434576	1434629	-	4	LAFAGLKYADVGSFDYGR	18
PPUB-1321	Proteomics_pub	1434576	1434608	-	4	YADVGSFDYGR	11
PPUB-1322	Proteomics_pub	1434744	1434806	-	4	VDGLHYFSDNKDVG DGDQTYMR	21
PPUB-1323	Proteomics_pub	1434807	1434836	-	4	DGNKLDLYGK	10
PPUB-1324	Proteomics_pub	1434807	1434836	-	4	DGNKVDLYGK	10
PPUB-1325	Proteomics_pub	1436295	1436321	-	4	LLTQLYGDR	9
PPUB-1326	Proteomics_pub	1438134	1438172	-	4	GTSANPDTYFQSR	13
PPUB-1327	Proteomics_pub	1438650	1438673	-	4	NVWGDTPR	8
PPUB-1328	Proteomics_pub	1440019	1440054	-	5	SNDVIQDDVFRR	12
PPUB-1329	Proteomics_pub	1440022	1440054	-	5	SNDVIQDDVFR	11
PPUB-1330	Proteomics_pub	1440055	1440114	-	5	IGSLGMDVYENERDLFFEDK	20
PPUB-1331	Proteomics_pub	1440076	1440114	-	5	IGSLGMDVYENER	13
PPUB-1332	Proteomics_pub	1440124	1440165	-	5	GALIDSQAAIEALK	14
PPUB-1333	Proteomics_pub	1440166	1440195	-	5	NGVMIVNTSR	10
PPUB-1334	Proteomics_pub	1440406	1440432	-	5	TAGVIGTGK	9
PPUB-1335	Proteomics_pub	1440604	1440642	-	5	CAGFNNVDLDAAK	13
PPUB-1336	Proteomics_pub	1451619	1451666	-	4	MQQLASFLSGTWQSGR	16
PPUB-1337	Proteomics_pub	1480486	1480524	-	5	YTENGPEGLVTGK	13
PPUB-1338	Proteomics_pub	1480543	1480566	-	5	NYFDLVAR	8
PPUB-1339	Proteomics_pub	1480762	1480788	-	5	HSADEITVR	9
PPUB-1340	Proteomics_pub	1488042	1488086	-	4	VLPELNGKLTGMAFR	15
PPUB-1341	Proteomics_pub	1488600	1488668	-	4	RSDIEIVAINDLLDADY MAYMLK	23
PPUB-1342	Proteomics_pub	1488600	1488665	-	4	SDIEIVAINDLLDADY MAYMLK	22
PPUB-1343	Proteomics_pub	1516079	1516138	-	6	HYFGINWDRDVATPEVADIR	20
PPUB-1344	Proteomics_pub	1539718	1539744	-	5	LCDLWLAPK	9
PPUB-1345	Proteomics_pub	1543879	1543941	-	5	VDGLHYFSDNKDVG DGDQTYMR	21
PPUB-1346	Proteomics_pub	1543942	1543971	-	5	DGNKLDLYGK	10
PPUB-1347	Proteomics_pub	1543942	1543971	-	5	DGNKVDLYGK	10
PPUB-1348	Proteomics_pub	1552020	1552079	-	4	TSAEALQQAIDDNFWQAEYR	20
PPUB-1349	Proteomics_pub	1552080	1552109	-	4	MAQQQGVAVK	10
PPUB-1350	Proteomics_pub	1552251	1552331	-	4	IYPFAQCNNAFIFPGIGLGVASGASR	27
PPUB-1351	Proteomics_pub	1552428	1552475	-	4	HCPRPVIMPLSNPTSR	16

PPUB-1352	Proteomics_pub	1552707	1552733	-	4	EGLSEEAAR	9
PPUB-1353	Proteomics_pub	1553169	1553222	-	4	ILGLGDQIGGMGIPIGK	18
PPUB-1354	Proteomics_pub	1553223	1553249	-	4	VIVVTDGER	9
PPUB-1355	Proteomics_pub	1553298	1553324	-	4	GVFISYQNR	9
PPUB-1356	Proteomics_pub	1553424	1553459	-	4	NIQDTNETLFYR	12
PPUB-1357	Proteomics_pub	1553490	1553516	-	4	AWIQYQGFK	9
PPUB-1358	Proteomics_pub	1553517	1553579	-	4	NFNLLGILLPEVVETIEEQAER	21
PPUB-1359	Proteomics_pub	1553871	1553900	-	4	SSVNNPTGR	10
PPUB-1360	Proteomics_pub	1556550	1556585	-	4	YPLHLSGGQQQR	12
PPUB-1361	Proteomics_pub	1556898	1556939	-	4	GAIVGIIGPNGAGK	14
PPUB-1362	Proteomics_pub	1560023	1560082	-	6	AIDDHTLEVTLSEPVYFYK	20
PPUB-1363	Proteomics_pub	1560140	1560193	-	6	WADGTPVTAQDFVYSWQR	18
PPUB-1364	Proteomics_pub	1560140	1560193	-	6	WSDGTPVTAQDFVYSWQR	18
PPUB-1365	Proteomics_pub	1568678	1568710	-	6	LQGIAQQNSFK	11
PPUB-1366	Proteomics_pub	1568678	1568710	-	6	LQGIAQQNSFK	11
PPUB-1367	Proteomics_pub	1568711	1568731	-	6	YLSDHPK	7
PPUB-1368	Proteomics_pub	1568876	1568920	-	6	DGEDPGYTYDLSEK	15
PPUB-1369	Proteomics_pub	1568876	1568926	-	6	LKDGEDPGYTYDLSEK	17
PPUB-1370	Proteomics_pub	1568876	1568920	-	6	DGEDPGYTYDLSEK	15
PPUB-1371	Proteomics_pub	1568876	1568926	-	6	LKDGEDPGYTYDLSEK	17
PPUB-1372	Proteomics_pub	1568927	1568992	-	6	LGPYEFICTGRPDEGIPAVCFK	22
PPUB-1373	Proteomics_pub	1568993	1569046	-	6	VQNASYQVAAYLADEIAK	18
PPUB-1374	Proteomics_pub	1569536	1569556	-	6	YWDVELR	7
PPUB-1375	Proteomics_pub	1569566	1569637	-	6	MEAAGKPTDKPNLVCGPVQICWHK	24
PPUB-1376	Proteomics_pub	1569773	1569808	-	6	EEYPQSAIDLK	12
PPUB-1377	Proteomics_pub	1569773	1569823	-	6	NWIDKEEYPQSAIDLK	17
PPUB-1378	Proteomics_pub	1569773	1569808	-	6	EEYPQSAIDLK	12
PPUB-1379	Proteomics_pub	1569848	1569898	-	6	QNLATFCQWDDENVHK	17
PPUB-1380	Proteomics_pub	1569899	1569955	-	6	DDVAFQIINDELYLDGNAR	19
PPUB-1381	Proteomics_pub	1573092	1573124	-	4	LITGQLDNGLR	11
PPUB-1382	Proteomics_pub	1583647	1583673	-	5	IGGDMALLK	9
PPUB-1383	Proteomics_pub	1584553	1584591	-	5	VGDTLYLCTAHQR	13
PPUB-1384	Proteomics_pub	1592640	1592675	-	4	QVSVETTQGLGR	12
PPUB-1385	Proteomics_pub	1623668	1623724	-	6	WHCLEENEAMQDVDDFELR	19
PPUB-1386	Proteomics_pub	1623920	1623952	-	6	YATLSGTNTPR	11
PPUB-1387	Proteomics_pub	1624370	1624429	-	6	QQGGFSAQPWDWAFYAEQVR	20
PPUB-1388	Proteomics_pub	1624430	1624471	-	6	ASDELASIQAVIDK	14
PPUB-1389	Proteomics_pub	1624499	1624528	-	6	TPEAALNFMR	10
PPUB-1390	Proteomics_pub	1624550	1624597	-	6	AQQATLLGFPHYAAWK	16
PPUB-1391	Proteomics_pub	1624658	1624681	-	6	LFIAGWTR	8
PPUB-1392	Proteomics_pub	1624703	1624756	-	6	WLIPLLNTTQQPALAEMR	18
PPUB-1393	Proteomics_pub	1624880	1624927	-	6	VLNTEAATLTSQFNQR	16
PPUB-1394	Proteomics_pub	1625003	1625035	-	6	ESLGLDSESIR	11
PPUB-1395	Proteomics_pub	1635648	1635677	-	4	MTGLESYDVK	10
PPUB-1396	Proteomics_pub	1635648	1635677	-	4	MTGLESYDVK	10
PPUB-1397	Proteomics_pub	1635684	1635713	-	4	EVTSIQFTAR	10

PPUB-1398	Proteomics_pub	1635747	1635779	-	4	AEADISEYITK	11
PPUB-1399	Proteomics_pub	1635747	1635785	-	4	TKAEADISEYITK	13
PPUB-1400	Proteomics_pub	1636512	1636562	-	4	TLNENQKVEFSIEQQQR	17
PPUB-1401	Proteomics_pub	1636563	1636607	-	4	DVFNHFSAIQNDGYK	15
PPUB-1402	Proteomics_pub	1636563	1636607	-	4	DVFNHFSAIQNGGFK	15
PPUB-1403	Proteomics_pub	1636563	1636607	-	4	DVFNHFSAIQTNGFK	15
PPUB-1404	Proteomics_pub	1636608	1636643	-	4	GFGFITPDDGSK	12
PPUB-1405	Proteomics_pub	1636608	1636643	-	4	GFGFISPVDGSK	12
PPUB-1406	Proteomics_pub	1636608	1636643	-	4	GFGFITPADGSK	12
PPUB-1407	Proteomics_pub	1636608	1636643	-	4	GFGFITPEDGSK	12
PPUB-1408	Proteomics_pub	1636608	1636643	-	4	GFGFITPDDGSK	12
PPUB-1409	Proteomics_pub	1636608	1636643	-	4	GFGFITPKDGSK	12
PPUB-1410	Proteomics_pub	1639366	1639398	-	5	GPAANVIITD	11
PPUB-1411	Proteomics_pub	1639399	1639449	-	5	TLAEGQRVEFEITNGAK	17
PPUB-1412	Proteomics_pub	1639399	1639449	-	5	TLNENQKVEFSIEQQQR	17
PPUB-1413	Proteomics_pub	1639450	1639494	-	5	DVFNHFSAIQNDGYK	15
PPUB-1414	Proteomics_pub	1639450	1639494	-	5	DVFNHFSAIQNGGFK	15
PPUB-1415	Proteomics_pub	1639450	1639494	-	5	DVFNHFSAIQTNGFK	15
PPUB-1416	Proteomics_pub	1639495	1639530	-	5	GFGFITPDDGSK	12
PPUB-1417	Proteomics_pub	1639495	1639530	-	5	GFGFISPVDGSK	12
PPUB-1418	Proteomics_pub	1639495	1639530	-	5	GFGFITPADGSK	12
PPUB-1419	Proteomics_pub	1639495	1639530	-	5	GFGFITPEDGSK	12
PPUB-1420	Proteomics_pub	1639495	1639530	-	5	GFGFITPDDGSK	12
PPUB-1421	Proteomics_pub	1639495	1639530	-	5	GFGFITPKDGSK	12
PPUB-1422	Proteomics_pub	1648682	1648744	-	6	SNQNTCINQMPCVSLGEPVER	21
PPUB-1423	Proteomics_pub	1665106	1665144	-	5	TAGYKPVASGSEK	13
PPUB-1424	Proteomics_pub	1665196	1665231	-	5	YFVTGTDTEVGK	12
PPUB-1425	Proteomics_pub	1673137	1673175	-	5	SPIAGMPVLEVWK	13
PPUB-1426	Proteomics_pub	1673389	1673472	-	5	NSHSVIIITPGYGMVAQAQYPVAEITEK	28
PPUB-1427	Proteomics_pub	1674860	1674901	-	6	DGNITVDFDDVVIR	14
PPUB-1428	Proteomics_pub	1674920	1675003	-	6	VIGYTDLPGRLLPTQSSQLYGTNLVNLK	28
PPUB-1429	Proteomics_pub	1675442	1675474	-	6	FFTGGQITAAGK	11
PPUB-1430	Proteomics_pub	1685073	1685123	-	4	TPEGYASGSLGPTTAGR	17
PPUB-1431	Proteomics_pub	1685124	1685156	-	4	DHPIYYAGPAK	11
PPUB-1432	Proteomics_pub	1685256	1685297	-	4	EILAQLSQYPVSTR	14
PPUB-1433	Proteomics_pub	1685436	1685486	-	4	HGASCPVGMGVSCSADR	17
PPUB-1434	Proteomics_pub	1685598	1685648	-	4	YYDELPTEGNEHGQAFR	17
PPUB-1435	Proteomics_pub	1685934	1685966	-	4	YSQNAPLDMYK	11
PPUB-1436	Proteomics_pub	1686003	1686041	-	4	VWTGGGDEAALAR	13
PPUB-1437	Proteomics_pub	1686246	1686278	-	4	VAPEALTLLAR	11
PPUB-1438	Proteomics_pub	1695441	1695470	-	4	SVITPEIEQK	10
PPUB-1439	Proteomics_pub	1695471	1695515	-	4	VNGIAPGAILTDALK	15
PPUB-1440	Proteomics_pub	1695525	1695551	-	4	NMAFDLGEK	9
PPUB-1441	Proteomics_pub	1695576	1695608	-	4	NINMTSYASSK	11
PPUB-1442	Proteomics_pub	1713092	1713136	-	6	AMQEYELQVVAAQDR	15
PPUB-1443	Proteomics_pub	1713215	1713262	-	6	QPVGVGDVTSGLLLVK	16

PPUB-1444	Proteomics_pub	1713368	1713406	-	6	ELIAQGPQIVLVK	13
PPUB-1445	Proteomics_pub	1713512	1713553	-	6	GCIVAPGVAEFHVR	14
PPUB-1446	Proteomics_pub	1713554	1713589	-	6	YFCDPVMGHPEK	12
PPUB-1447	Proteomics_pub	1713975	1713998	-	4	NYCLICWK	8
PPUB-1448	Proteomics_pub	1714038	1714076	-	4	QSDPEYFFKEEDR	13
PPUB-1449	Proteomics_pub	1714077	1714118	-	4	KTIASNAITINGEK	14
PPUB-1450	Proteomics_pub	1714077	1714115	-	4	TIASNAITINGEK	13
PPUB-1451	Proteomics_pub	1714284	1714319	-	4	LVHGEEGLQAAK	12
PPUB-1452	Proteomics_pub	1714320	1714352	-	4	AQYVLAEQVTR	11
PPUB-1453	Proteomics_pub	1714437	1714481	-	4	FYQFWINTADADVYR	15
PPUB-1454	Proteomics_pub	1714497	1714532	-	4	TEGGAVWLDPPK	12
PPUB-1455	Proteomics_pub	1714500	1714532	-	4	TEGGAVWLDPK	11
PPUB-1456	Proteomics_pub	1714557	1714604	-	4	LHQNQVFGLTVPLITK	16
PPUB-1457	Proteomics_pub	1714557	1714607	-	4	RLHQNQVFGLTVPLITK	17
PPUB-1458	Proteomics_pub	1714785	1714814	-	4	HFSVNMINK	10
PPUB-1459	Proteomics_pub	1714938	1714979	-	4	KLNTEETVQEWVDK	14
PPUB-1460	Proteomics_pub	1714938	1714976	-	4	LNTEETVQEWVDK	13
PPUB-1461	Proteomics_pub	1714992	1715066	-	4	FQQAGHKPVALVGGATGLIGDPSFK	25
PPUB-1462	Proteomics_pub	1715070	1715162	-	4	LAQGPIALYCGFDPTADSLHLGHLVPLLCLK	31
PPUB-1463	Proteomics_pub	1715163	1715207	-	4	GLVAQVTDEEALAER	15
PPUB-1464	Proteomics_pub	1715441	1715485	-	6	VSLEQIEFWQGGEHR	15
PPUB-1465	Proteomics_pub	1715486	1715533	-	6	FQQGEVPLPSFWGGFR	16
PPUB-1466	Proteomics_pub	1715597	1715626	-	6	DSQIGAWVSK	10
PPUB-1467	Proteomics_pub	1715702	1715737	-	6	VLLFPWHTLER	12
PPUB-1468	Proteomics_pub	1723144	1723197	-	5	HFGVSNFTPAQFALLQSR	18
PPUB-1469	Proteomics_pub	1723609	1723644	-	5	ITIAPQGPEFSR	12
PPUB-1470	Proteomics_pub	1731781	1731807	-	5	YKSEEPDAE	9
PPUB-1471	Proteomics_pub	1731949	1731987	-	5	FAYVDILQNPDIR	13
PPUB-1472	Proteomics_pub	1731988	1732047	-	5	LPSCGFSAQAVQALAACGER	20
PPUB-1473	Proteomics_pub	1732060	1732095	-	5	QIAENPILLYMK	12
PPUB-1474	Proteomics_pub	1740676	1740729	-	5	VNIEIDPQTQAVVDTVR	18
PPUB-1475	Proteomics_pub	1740763	1740798	-	5	FCVHLIPETLER	12
PPUB-1476	Proteomics_pub	1741009	1741035	-	5	VGDWVNVVER	9
PPUB-1477	Proteomics_pub	1741234	1741266	-	5	MFTGIVQGTAK	11
PPUB-1478	Proteomics_pub	1743015	1743044	-	4	EISPDFINVK	10
PPUB-1479	Proteomics_pub	1743435	1743467	-	4	TQNLSVNVGGR	11
PPUB-1480	Proteomics_pub	1743993	1744031	-	4	AENTVVTGAGWLK	13
PPUB-1481	Proteomics_pub	1744098	1744133	-	4	NLMSDGNVQIVK	12
PPUB-1482	Proteomics_pub	1756009	1756062	-	5	VQFIDEVPKATTEPDGSR	18
PPUB-1483	Proteomics_pub	1759961	1759990	-	6	VVADGVNSLR	10
PPUB-1484	Proteomics_pub	1760312	1760341	-	6	DLLALSPEDR	10
PPUB-1485	Proteomics_pub	1760417	1760458	-	6	GAIVGIIGPNGAGK	14
PPUB-1486	Proteomics_pub	1762045	1762077	-	5	DECGCGESFHV	11
PPUB-1487	Proteomics_pub	1762045	1762098	-	5	FTNPNVKDECGCGESFHV	18
PPUB-1488	Proteomics_pub	1762123	1762164	-	5	SLQFLDGTQLDFVK	14
PPUB-1489	Proteomics_pub	1763522	1763566	-	6	LGDDVLEAEMPVDTR	15

PPUB-1490	Proteomics_pub	1791466	1791507	-	5	GAIVGIIGPNGAGK	14
PPUB-1491	Proteomics_pub	1793319	1793348	-	4	RVVTFRPGQK	10
PPUB-1492	Proteomics_pub	1793319	1793345	-	4	VVTFRPGQK	9
PPUB-1493	Proteomics_pub	1793349	1793378	-	4	TGEDIPITAR	10
PPUB-1494	Proteomics_pub	1793412	1793441	-	4	LSGFGNFDLR	10
PPUB-1495	Proteomics_pub	1793442	1793468	-	4	ALENGEQVK	9
PPUB-1496	Proteomics_pub	1793469	1793504	-	4	ELVELFFEEIRR	12
PPUB-1497	Proteomics_pub	1793532	1793561	-	4	AEMSEYLFDK	10
PPUB-1498	Proteomics_pub	1793629	1793667	-	5	TLEEEIEAATVAK	13
PPUB-1499	Proteomics_pub	1793668	1793706	-	5	SLAISLILQDTSR	13
PPUB-1500	Proteomics_pub	1793734	1793781	-	5	VGVNQVGVNLFVYR	16
PPUB-1501	Proteomics_pub	1793782	1793844	-	5	DIAVVVAENVPAADILSECKK	21
PPUB-1502	Proteomics_pub	1793956	1793994	-	5	IGFVGVVHPELER	13
PPUB-1503	Proteomics_pub	1794004	1794057	-	5	AEANPALHPGQSAAIYK	18
PPUB-1504	Proteomics_pub	1794079	1794141	-	5	ETVDFYDLKGDLESVLDLTGK	21
PPUB-1505	Proteomics_pub	1794079	1794114	-	5	GDLESVLDLTGK	12
PPUB-1506	Proteomics_pub	1794115	1794141	-	5	ETVDFYDLK	9
PPUB-1507	Proteomics_pub	1794142	1794168	-	5	YEEHWNLAK	9
PPUB-1508	Proteomics_pub	1794169	1794207	-	5	QDLMLAGVICGNR	13
PPUB-1509	Proteomics_pub	1794208	1794243	-	5	FVPDTQAPLGR	12
PPUB-1510	Proteomics_pub	1794412	1794453	-	5	GYQEVITYSFVDPK	14
PPUB-1511	Proteomics_pub	1794502	1794567	-	5	VYGYNNIPDEPVQASLIMGTHR	22
PPUB-1512	Proteomics_pub	1794613	1794672	-	5	LGCEVTEGKDEWQAVAPSWR	20
PPUB-1513	Proteomics_pub	1794646	1794672	-	5	LGCEVTEGK	9
PPUB-1514	Proteomics_pub	1794676	1794723	-	5	LIGHHIADEQVTDILR	16
PPUB-1515	Proteomics_pub	1794763	1794834	-	5	LLIDICGGEGPVIDITNEATLPK	24
PPUB-1516	Proteomics_pub	1794856	1794882	-	5	GVPALQHK	9
PPUB-1517	Proteomics_pub	1794892	1794921	-	5	HGLHTDASHR	10
PPUB-1518	Proteomics_pub	1795042	1795080	-	5	LNADTLVIADHMK	13
PPUB-1519	Proteomics_pub	1795081	1795122	-	5	EGETLVLLDGTEAK	14
PPUB-1520	Proteomics_pub	1795132	1795161	-	5	DRIEGGIIVR	10
PPUB-1521	Proteomics_pub	1795264	1795287	-	5	APTPLWMK	8
PPUB-1522	Proteomics_pub	1795438	1795470	-	5	ADCLGIIGVAR	11
PPUB-1523	Proteomics_pub	1795438	1795512	-	5	LDDNTIEISVTPNRADCLGIIGVAR	25
PPUB-1524	Proteomics_pub	1795471	1795512	-	5	LDDNTIEISVTPNR	14
PPUB-1525	Proteomics_pub	1795657	1795701	-	5	VAVATIGAVLPGDFK	15
PPUB-1526	Proteomics_pub	1795714	1795749	-	5	LLDIVCGAPNCR	12
PPUB-1527	Proteomics_pub	1796181	1796240	-	4	FRPSYFPFTEPSAEVDVMGK	20
PPUB-1528	Proteomics_pub	1796241	1796270	-	4	NFFEEDLQIR	10
PPUB-1529	Proteomics_pub	1796271	1796294	-	4	GTLHDFLR	8
PPUB-1530	Proteomics_pub	1796439	1796465	-	4	TQTSGVQIR	9
PPUB-1531	Proteomics_pub	1796475	1796510	-	4	ADHDTFWFDTTR	12
PPUB-1532	Proteomics_pub	1796634	1796666	-	4	IENGGLHPVTR	11
PPUB-1533	Proteomics_pub	1796634	1796669	-	4	RIENGGLHPVTR	12
PPUB-1534	Proteomics_pub	1796667	1796708	-	4	LAAETIDVSLPGRR	14
PPUB-1535	Proteomics_pub	1796670	1796708	-	4	LAAETIDVSLPGR	13

PPUB-1536	Proteomics_pub	1796709	1796741	-	4	AELESAALNAR	11
PPUB-1537	Proteomics_pub	1796709	1796744	-	4	KAELESAALNAR	12
PPUB-1538	Proteomics_pub	1796745	1796774	-	4	EQVQQALNAR	10
PPUB-1539	Proteomics_pub	1796829	1796864	-	4	KGHLTLQMTTLR	12
PPUB-1540	Proteomics_pub	1796883	1796930	-	4	AAISQASDVAALDNVR	16
PPUB-1541	Proteomics_pub	1796931	1796963	-	4	SHLAELVASAK	11
PPUB-1542	Proteomics_pub	1797465	1797494	-	4	ILADIAVFDK	10
PPUB-1543	Proteomics_pub	1797465	1797497	-	4	KILADIAVFDK	11
PPUB-1544	Proteomics_pub	1797540	1797581	-	4	INAAARQNGISYSK	14
PPUB-1545	Proteomics_pub	1797829	1797867	-	5	GDLGLVIACLPYA	13
PPUB-1546	Proteomics_pub	1798132	1798158	-	5	QMIMVLAPK	9
PPUB-1547	Proteomics_pub	1798171	1798215	-	5	DDLQELAVVESFPTK	15
PPUB-1548	Proteomics_pub	1798171	1798221	-	5	VKDDLQELAVVESFPTK	17
PPUB-1549	Proteomics_pub	1798222	1798263	-	5	EMAHQQIGMEVLNR	14
PPUB-1550	Proteomics_pub	1798222	1798269	-	5	GREMAHQQIGMEVLNR	16
PPUB-1551	Proteomics_pub	1798288	1798314	-	5	FLEEGDKAK	9
PPUB-1552	Proteomics_pub	1798327	1798371	-	5	FRPGTDEGDYQVKLR	15
PPUB-1553	Proteomics_pub	1798333	1798371	-	5	FRPGTDEGDYQVK	13
PPUB-1554	Proteomics_pub	1798432	1798464	-	5	IMDYGKFLYEK	11
PPUB-1555	Proteomics_pub	1798465	1798527	-	5	AEEAGVDLVEISPNAEPPVCR	21
PPUB-1556	Proteomics_pub	1798528	1798587	-	5	LTGLEGEQLGIVSLREALEK	20
PPUB-1557	Proteomics_pub	1798543	1798587	-	5	LTGLEGEQLGIVSLR	15
PPUB-1558	Proteomics_pub	1798714	1798752	-	5	DLGSMDVNEVIEK	13
PPUB-1559	Proteomics_pub	1798714	1798758	-	5	GKDLGSMDVNEVIEK	15
PPUB-1560	Proteomics_pub	1799059	1799082	-	5	KVPVMIHR	8
PPUB-1561	Proteomics_pub	1799083	1799118	-	5	LSASYVGEDNER	12
PPUB-1562	Proteomics_pub	1799167	1799199	-	5	IEFTLYDCLDR	11
PPUB-1563	Proteomics_pub	1799287	1799313	-	5	IGSDEMWDR	9
PPUB-1564	Proteomics_pub	1799470	1799505	-	5	NEPSGSLHGLMR	12
PPUB-1565	Proteomics_pub	1799620	1799652	-	5	DAMFTTSSENR	11
PPUB-1566	Proteomics_pub	1799713	1799742	-	5	LKEYQYQEVK	10
PPUB-1567	Proteomics_pub	1799917	1799943	-	5	IYGTAWADK	9
PPUB-1568	Proteomics_pub	1799974	1799994	-	5	TAGAYWR	7
PPUB-1569	Proteomics_pub	1800022	1800045	-	5	GPHVPNMR	8
PPUB-1570	Proteomics_pub	1800226	1800264	-	5	TLTQEDVEALEKR	13
PPUB-1571	Proteomics_pub	1800229	1800264	-	5	TLTQEDVEALEK	12
PPUB-1572	Proteomics_pub	1800265	1800321	-	5	MAIGPVIDNGFYVDLDR	19
PPUB-1573	Proteomics_pub	1800343	1800378	-	5	HSCAHLGHAIK	12
PPUB-1574	Proteomics_pub	1800379	1800405	-	5	DEEGLEIIR	9
PPUB-1575	Proteomics_pub	1800496	1800558	-	5	HYDHAVSPMDVALDIGPGLAK	21
PPUB-1576	Proteomics_pub	1800559	1800591	-	5	PVITLPDGSQR	11
PPUB-1577	Proteomics_pub	1808252	1808308	-	6	TGISAAFLGNTAEQVIDHLR	20
PPUB-1578	Proteomics_pub	1845163	1845204	-	5	NFASYGHLMGEMPR	14
PPUB-1579	Proteomics_pub	1845205	1845234	-	5	LGAVPGGTER	10
PPUB-1580	Proteomics_pub	1845235	1845261	-	5	LPGVEEYIK	9
PPUB-1581	Proteomics_pub	1845262	1845285	-	5	VDYEAIPK	8

PPUB-1582	Proteomics_pub	1845364	1845408	-	5	MNIAGASFANIEGVK	15
PPUB-1583	Proteomics_pub	1845409	1845459	-	5	SLLKPEHQGLATEVMCR	17
PPUB-1584	Proteomics_pub	1845550	1845642	-	5	QAGIALAGGHSIDAPEPIFGLAVTGIVPTER	31
PPUB-1585	Proteomics_pub	1845886	1845924	-	5	FVDPNLLVGNETR	13
PPUB-1586	Proteomics_pub	1845925	1845960	-	5	VLETILHSEQAK	12
PPUB-1587	Proteomics_pub	1845973	1846011	-	5	LTQYSHGAGCGCK	13
PPUB-1588	Proteomics_pub	1846203	1846241	-	4	IVGFLYLGTPQLK	13
PPUB-1589	Proteomics_pub	1846272	1846304	-	4	SGALTESPVVR	11
PPUB-1590	Proteomics_pub	1846416	1846445	-	4	APLIITVVAK	10
PPUB-1591	Proteomics_pub	1846479	1846529	-	4	FSAVLEQGAIAAGSDDK	17
PPUB-1592	Proteomics_pub	1846608	1846655	-	4	LAEPAPTGEQLQNILR	16
PPUB-1593	Proteomics_pub	1846608	1846667	-	4	SASRLAEPAPTGEQLQNILR	20
PPUB-1594	Proteomics_pub	1860079	1860105	-	5	YCVNSASLR	9
PPUB-1595	Proteomics_pub	1860277	1860333	-	5	DGVYHCLICDAPLFHSQTK	19
PPUB-1596	Proteomics_pub	1863756	1863794	-	4	SWTGLISTGITYK	13
PPUB-1597	Proteomics_pub	1863795	1863833	-	4	LSDEVTDSPMVDK	13
PPUB-1598	Proteomics_pub	1864266	1864310	-	4	GLGGGYLLWNDATDK	15
PPUB-1599	Proteomics_pub	1864377	1864421	-	4	FSLGAGVGVVEHPYK	15
PPUB-1600	Proteomics_pub	1888386	1888439	-	4	SFVAVHNQPGLYVGQQR	18
PPUB-1601	Proteomics_pub	1888635	1888673	-	4	TVAVEHAEPVYLR	13
PPUB-1602	Proteomics_pub	1889076	1889102	-	4	GPGSFTGVR	9
PPUB-1603	Proteomics_pub	1905253	1905282	-	5	GPAAVNVTAI	10
PPUB-1604	Proteomics_pub	1905283	1905333	-	5	TLAEGQNVEFEIQDGQK	17
PPUB-1605	Proteomics_pub	1905283	1905333	-	5	TLAEGQRVEFEITNGAK	17
PPUB-1606	Proteomics_pub	1905283	1905333	-	5	TLNENQKVEFSIEQGQR	17
PPUB-1607	Proteomics_pub	1905334	1905378	-	5	DVFNHFSAIQNDGYK	15
PPUB-1608	Proteomics_pub	1905334	1905378	-	5	DVFNHFSAIQNGGFK	15
PPUB-1609	Proteomics_pub	1905334	1905378	-	5	DVFNHFSAIQTNGFK	15
PPUB-1610	Proteomics_pub	1905379	1905414	-	5	GFGFITPDDGSK	12
PPUB-1611	Proteomics_pub	1905379	1905414	-	5	GFGFISPVDGSK	12
PPUB-1612	Proteomics_pub	1905379	1905414	-	5	GFGFITPADGSK	12
PPUB-1613	Proteomics_pub	1905379	1905414	-	5	GFGFITPEDGSK	12
PPUB-1614	Proteomics_pub	1905379	1905414	-	5	GFGFITPDDGSK	12
PPUB-1615	Proteomics_pub	1905379	1905414	-	5	GFGFITPKDGSK	12
PPUB-1616	Proteomics_pub	1907335	1907370	-	5	ISAQMGYHDYPF	12
PPUB-1617	Proteomics_pub	1907374	1907412	-	5	LQEYVAMLHTAAR	13
PPUB-1618	Proteomics_pub	1907551	1907598	-	5	TITSTEALLPVLQVVR	16
PPUB-1619	Proteomics_pub	1907614	1907640	-	5	QILEGVEYK	9
PPUB-1620	Proteomics_pub	1907677	1907706	-	5	NPLYSTAIGK	10
PPUB-1621	Proteomics_pub	1907917	1907955	-	5	TLGYVAQEGESEK	13
PPUB-1622	Proteomics_pub	1908004	1908033	-	5	EIGITELSQR	10
PPUB-1623	Proteomics_pub	1908004	1908069	-	5	VFGILQALGEEREIGITELSQR	22
PPUB-1624	Proteomics_pub	1908034	1908069	-	5	VFGILQALGEER	12
PPUB-1625	Proteomics_pub	1908070	1908120	-	5	ANADLDKQPDSVSSVLK	17
PPUB-1626	Proteomics_pub	1910340	1910372	-	4	WLVNVTATQAR	11
PPUB-1627	Proteomics_pub	1910388	1910420	-	4	SVGGEVIEQPR	11

PPUB-1628	Proteomics_pub	1910795	1910827	-	6	ARPAEQPAPVK	11
PPUB-1629	Proteomics_pub	1910972	1911004	-	6	EKENNEDDATR	11
PPUB-1630	Proteomics_pub	1911122	1911160	-	6	SGDLTAFEPELLK	13
PPUB-1631	Proteomics_pub	1911662	1911694	-	6	QNVSSVIIDLR	11
PPUB-1632	Proteomics_pub	1912634	1912666	-	6	QFDLDQAFSAK	11
PPUB-1633	Proteomics_pub	1912700	1912732	-	6	EETQHATVSER	11
PPUB-1634	Proteomics_pub	1912881	1912916	-	4	VQLNSGMSLIVR	12
PPUB-1635	Proteomics_pub	1912929	1912973	-	4	AGQNAMDATVLEITK	15
PPUB-1636	Proteomics_pub	1912980	1913039	-	4	EEQHTPVSDISALTVGQALK	20
PPUB-1637	Proteomics_pub	1913151	1913192	-	4	EAAATAGEKEDAPR	14
PPUB-1638	Proteomics_pub	1913199	1913231	-	4	VQAQRAEQQAK	11
PPUB-1639	Proteomics_pub	1913259	1913318	-	4	VDLDGNPCGELDEQHVEHAR	20
PPUB-1640	Proteomics_pub	1913319	1913351	-	4	YLYGVKPGATR	11
PPUB-1641	Proteomics_pub	1913352	1913384	-	4	SALRLYTSSWR	11
PPUB-1642	Proteomics_pub	1913397	1913423	-	4	VAGEMNLSK	9
PPUB-1643	Proteomics_pub	1913424	1913453	-	4	IGIFQDLVDR	10
PPUB-1644	Proteomics_pub	1913454	1913498	-	4	FPHCFSAEGEARPLK	15
PPUB-1645	Proteomics_pub	1913730	1913759	-	4	FTDEDEQGLR	10
PPUB-1646	Proteomics_pub	1913907	1913933	-	4	GVCGTAVAR	9
PPUB-1647	Proteomics_pub	1914117	1914143	-	4	TEFYADLNR	9
PPUB-1648	Proteomics_pub	1921407	1921433	-	4	MSLAPFIER	9
PPUB-1649	Proteomics_pub	1921434	1921493	-	4	TNAQPISVIQIDDPNNPGEK	20
PPUB-1650	Proteomics_pub	1928577	1928609	-	4	EALSLWLAEQK	11
PPUB-1651	Proteomics_pub	1930184	1930252	-	6	SVLCIGGSWLVPADALEAGDYDR	23
PPUB-1652	Proteomics_pub	1930271	1930309	-	6	FCPTGGISPANYR	13
PPUB-1653	Proteomics_pub	1930310	1930348	-	6	ALQAIAGPFSQVR	13
PPUB-1654	Proteomics_pub	1930349	1930390	-	6	EFKFFPAEANGGVK	14
PPUB-1655	Proteomics_pub	1930349	1930381	-	6	FFPAEANGGVK	11
PPUB-1656	Proteomics_pub	1930391	1930474	-	6	AATEGTIPLIPGISTVSELMLGMDYGLK	28
PPUB-1657	Proteomics_pub	1930607	1930633	-	6	TECAVDAIR	9
PPUB-1658	Proteomics_pub	1930679	1930708	-	6	KLEHAVPMAK	10
PPUB-1659	Proteomics_pub	1930709	1930765	-	6	TSAESILTTGPVVPVIVVK	19
PPUB-1660	Proteomics_pub	1932893	1932997	-	6	WVDSITEAWAMDNDAPKPYQAGTWGPVASVAMITR	35
PPUB-1661	Proteomics_pub	1933070	1933129	-	6	LDLSYSETFNQTHLADAYER	20
PPUB-1662	Proteomics_pub	1933172	1933213	-	6	LQPDEGVDIQVLNK	14
PPUB-1663	Proteomics_pub	1933256	1933279	-	6	TPELNLFK	8
PPUB-1664	Proteomics_pub	1933331	1933357	-	6	WAGVPFYLR	9
PPUB-1665	Proteomics_pub	1933379	1933411	-	6	SSNTETFVAIR	11
PPUB-1666	Proteomics_pub	1933412	1933450	-	6	KVPGYLEEEGANK	13
PPUB-1667	Proteomics_pub	1933451	1933483	-	6	GQYTAGFAQ GK	11
PPUB-1668	Proteomics_pub	1933727	1933765	-	6	FANSLFVNNDNR	13
PPUB-1669	Proteomics_pub	1933766	1933795	-	6	ETVLNLLALR	10
PPUB-1670	Proteomics_pub	1934036	1934083	-	6	LDFCNLDVNDTAAFSR	16
PPUB-1671	Proteomics_pub	1934084	1934125	-	6	ETIDEGLWDTLSAR	14
PPUB-1672	Proteomics_pub	1934207	1934233	-	6	AGQLNPDR	9
PPUB-1673	Proteomics_pub	1934234	1934263	-	6	LLPSLYQLEK	10

PPUB-1674	Proteomics_pub	1937456	1937488	-	6	VVPLFPIYDGK	11
PPUB-1675	Proteomics_pub	1937504	1937536	-	6	ATLPAIGRLMK	11
PPUB-1676	Proteomics_pub	1939741	1939785	-	5	MGTLDPLGTNIKLGK	15
PPUB-1677	Proteomics_pub	1939750	1939785	-	5	MGTLDPLGTNIK	12
PPUB-1678	Proteomics_pub	1939801	1939860	-	5	ATCVFAEPQFRPAVVESVAR	20
PPUB-1679	Proteomics_pub	1939897	1939962	-	5	QFGLTPLGHFTVNPEIQPGAQR	22
PPUB-1680	Proteomics_pub	1939963	1940004	-	5	GYFVFHDAYGYFEK	14
PPUB-1681	Proteomics_pub	1940011	1940073	-	5	DFEAQLASTETQVGNELAPLK	21
PPUB-1682	Proteomics_pub	1940098	1940124	-	5	LVELMPQSR	9
PPUB-1683	Proteomics_pub	1940125	1940151	-	5	ATAVAIHGK	9
PPUB-1684	Proteomics_pub	1940218	1940259	-	5	SIHGDDDDHDHAEK	14
PPUB-1685	Proteomics_pub	1940260	1940307	-	5	QVTIAQLEDVKPLLMK	16
PPUB-1686	Proteomics_pub	1942865	1942891	-	6	AGSLTSPLR	9
PPUB-1687	Proteomics_pub	1945020	1945070	-	4	VIGVGGGGGNAVEHMVR	17
PPUB-1688	Proteomics_pub	1945531	1945560	-	5	ADMDAETAPK	10
PPUB-1689	Proteomics_pub	1945561	1945599	-	5	ADSAEVSMPSTK	13
PPUB-1690	Proteomics_pub	1945561	1945626	-	5	DALEAAGLKADSAEVSMPSTK	22
PPUB-1691	Proteomics_pub	1945600	1945632	-	5	VRDALEAAGLK	11
PPUB-1692	Proteomics_pub	1945768	1945818	-	5	CGGNLGTDGSVAYLFSK	17
PPUB-1693	Proteomics_pub	1945852	1945917	-	5	YEGFGPNGSMIIAETLTSNVNR	22
PPUB-1694	Proteomics_pub	1945987	1946025	-	5	AAVDKALSNNMTR	13
PPUB-1695	Proteomics_pub	1946032	1946064	-	5	LGGGDPDANPR	11
PPUB-1696	Proteomics_pub	1946065	1946094	-	5	IIRELVTAAK	10
PPUB-1697	Proteomics_pub	1946900	1946935	-	6	LTMLLTGTDNIR	12
PPUB-1698	Proteomics_pub	1946936	1946980	-	6	YGTTPPHAGLAFGLDR	15
PPUB-1699	Proteomics_pub	1946936	1946983	-	6	RYGTVPHSGFGLGFER	16
PPUB-1700	Proteomics_pub	1946936	1946980	-	6	YGTVPHSGFGLGFER	15
PPUB-1701	Proteomics_pub	1946981	1947007	-	6	FGFLLDALK	9
PPUB-1702	Proteomics_pub	1947080	1947157	-	6	AAPENAVANAYDMVINGYEVGGGSVR	26
PPUB-1703	Proteomics_pub	1947317	1947346	-	6	IVADAMGALR	10
PPUB-1704	Proteomics_pub	1947347	1947397	-	6	TAAQDGDMIFFGADNKK	17
PPUB-1705	Proteomics_pub	1947398	1947436	-	6	FLNAEIIEDILDR	13
PPUB-1706	Proteomics_pub	1947437	1947469	-	6	GLEGINSPVAK	11
PPUB-1707	Proteomics_pub	1947521	1947553	-	6	KQIDEYGNFVK	11
PPUB-1708	Proteomics_pub	1947521	1947550	-	6	QIDEYGNFVK	10
PPUB-1709	Proteomics_pub	1947554	1947580	-	6	VPGGASLTR	9
PPUB-1710	Proteomics_pub	1947602	1947646	-	6	SVEFAVFAGPANDPK	15
PPUB-1711	Proteomics_pub	1947647	1947685	-	6	NPMELTDVADLLK	13
PPUB-1712	Proteomics_pub	1947686	1947712	-	6	YGSDKPDLR	9
PPUB-1713	Proteomics_pub	1947713	1947766	-	6	GVDLGDFFVMTFAEAERR	18
PPUB-1714	Proteomics_pub	1947767	1947787	-	6	HLWLEVK	7
PPUB-1715	Proteomics_pub	1947923	1947952	-	6	QLLMMSGFDR	10
PPUB-1716	Proteomics_pub	1947953	1947988	-	6	FYALPQSPQLFK	12
PPUB-1717	Proteomics_pub	1948184	1948234	-	6	ADVLPPLDSNHVNTTEAR	17
PPUB-1718	Proteomics_pub	1948373	1948423	-	6	EGIVQVFFDPDRADALK	17
PPUB-1719	Proteomics_pub	1948430	1948462	-	6	DLGSLIFIDMR	11

PPUB-1720	Proteomics_pub	1983559	1983582	-	5	QIYQVPTK	8
PPUB-1721	Proteomics_pub	1983907	1983948	-	5	TLNAIDSLAASGAK	14
PPUB-1722	Proteomics_pub	1995383	1995418	-	6	YPLHLSGGQQQR	12
PPUB-1723	Proteomics_pub	1995713	1995754	-	6	GAIVGIIGPNGAGK	14
PPUB-1724	Proteomics_pub	1996635	1996673	-	4	LEGILLDPVYTGK	13
PPUB-1725	Proteomics_pub	1996785	1996814	-	4	VVNLQQAIK	10
PPUB-1726	Proteomics_pub	1997612	1997635	-	6	WFGADVTK	8
PPUB-1727	Proteomics_pub	1997636	1997665	-	6	DGTLQALSEK	10
PPUB-1728	Proteomics_pub	1997666	1997698	-	6	AVNDAIAEMQK	11
PPUB-1729	Proteomics_pub	1997747	1997791	-	6	KTNDTLAVTGEAFSR	15
PPUB-1730	Proteomics_pub	1997747	1997788	-	6	TNDTLAVTGEAFSR	14
PPUB-1731	Proteomics_pub	1997849	1997887	-	6	TYDDDPTKYQDLR	13
PPUB-1732	Proteomics_pub	1997888	1997914	-	6	QNVQGV DVR	9
PPUB-1733	Proteomics_pub	1997915	1997956	-	6	VGVGLGTNYEEWLR	14
PPUB-1734	Proteomics_pub	1998008	1998061	-	6	KYDFSTPYTISGIQALVK	18
PPUB-1735	Proteomics_pub	1998065	1998109	-	6	IDVVINQVTISDERK	15
PPUB-1736	Proteomics_pub	1998113	1998145	-	6	WDGMLASLDSK	11
PPUB-1737	Proteomics_pub	1998146	1998181	-	6	HLGVEASLKPTK	12
PPUB-1738	Proteomics_pub	1998224	1998289	-	6	GTLLVGLGEGTYPPFSFGDDGK	22
PPUB-1739	Proteomics_pub	1999445	1999498	-	6	QMLQEMGREPTPEELAER	18
PPUB-1740	Proteomics_pub	2058624	2058662	-	4	GSLYIATHTQAR	13
PPUB-1741	Proteomics_pub	2077122	2077160	-	4	VDDYIIKNAELSK	13
PPUB-1742	Proteomics_pub	2077140	2077178	-	4	GDYEDRVDDYIIK	13
PPUB-1743	Proteomics_pub	2077338	2077385	-	4	METTKPSFQDVLEFVR	16
PPUB-1744	Proteomics_pub	2079813	2079857	-	4	AGYNLVSATGQMR	15
PPUB-1745	Proteomics_pub	2079876	2079920	-	4	NGLLWDNSLNVDGIK	15
PPUB-1746	Proteomics_pub	2083731	2083760	-	4	NPVPQYEDVA	10
PPUB-1747	Proteomics_pub	2084091	2084117	-	4	SFFGYVHPK	9
PPUB-1748	Proteomics_pub	2085054	2085083	-	4	SHNVTPNTR	10
PPUB-1749	Proteomics_pub	2086436	2086465	-	6	LLGLEPPQFR	10
PPUB-1750	Proteomics_pub	2087000	2087029	-	6	MSGIDSYLLR	10
PPUB-1751	Proteomics_pub	2087030	2087059	-	6	TTQDGVAAAR	10
PPUB-1752	Proteomics_pub	2095348	2095374	-	5	NALRNYNAK	9
PPUB-1753	Proteomics_pub	2095489	2095548	-	5	QNLLDIESLKVDDLDIHAYR	20
PPUB-1754	Proteomics_pub	2095549	2095599	-	5	HEATRPLVFSPNYQTR	17
PPUB-1755	Proteomics_pub	2095747	2095776	-	5	TQEVVAQEQK	10
PPUB-1756	Proteomics_pub	2095801	2095830	-	5	DLKDNIALGR	10
PPUB-1757	Proteomics_pub	2095831	2095884	-	5	LAQYIQQVDDKVNQELEK	18
PPUB-1758	Proteomics_pub	2095852	2095884	-	5	LAQYIQQVDDK	11
PPUB-1759	Proteomics_pub	2095972	2096031	-	5	FSSAFSALAETLDNQEEREK	20
PPUB-1760	Proteomics_pub	2096032	2096064	-	5	VSDLQETLIGR	11
PPUB-1761	Proteomics_pub	2097889	2097918	-	5	EGVFHTEWLD	10
PPUB-1762	Proteomics_pub	2097889	2097927	-	5	IDKEGVFHTEWLD	13
PPUB-1763	Proteomics_pub	2097928	2097957	-	5	DYFGAHTYKR	10
PPUB-1764	Proteomics_pub	2097931	2097957	-	5	DYFGAHTYK	9
PPUB-1765	Proteomics_pub	2097931	2097957	-	5	DYFGAHTYK	9

PPUB-1766	Proteomics_pub	2097958	2097996	-	5	AAVLPANLIQAQR	13
PPUB-1767	Proteomics_pub	2098078	2098110	-	5	QIADDYQQALR	11
PPUB-1768	Proteomics_pub	2098111	2098173	-	5	ITDAYAENPQIANLLLAPYFK	21
PPUB-1769	Proteomics_pub	2098219	2098269	-	5	AASEEYNWDLNYGEIAK	17
PPUB-1770	Proteomics_pub	2098270	2098305	-	5	IVSYAQGFSQLR	12
PPUB-1771	Proteomics_pub	2098270	2098305	-	5	IVSYAQGFSQLR	12
PPUB-1772	Proteomics_pub	2098333	2098389	-	5	VLSGPQAQPAGDKAEFIEK	19
PPUB-1773	Proteomics_pub	2098351	2098389	-	5	VLSGPQAQPAGDK	13
PPUB-1774	Proteomics_pub	2098405	2098431	-	5	YISSLKDQR	9
PPUB-1775	Proteomics_pub	2098405	2098431	-	5	YISSLKDQR	9
PPUB-1776	Proteomics_pub	2098432	2098500	-	5	WTSQSALDLGEPLSLITESVFAR	23
PPUB-1777	Proteomics_pub	2098513	2098566	-	5	DEDGNYLVDVILDEAANK	18
PPUB-1778	Proteomics_pub	2098513	2098569	-	5	KDEDGNYLVDVILDEAANK	19
PPUB-1779	Proteomics_pub	2098585	2098677	-	5	GGLNLTNEELAQTFTWNNGELSSYLIDITK	31
PPUB-1780	Proteomics_pub	2098678	2098743	-	5	MVHNGIEYGDMLIAEAYSLLK	22
PPUB-1781	Proteomics_pub	2098744	2098818	-	5	IAAVAEDGEPCVITYIGADGAGHYVK	25
PPUB-1782	Proteomics_pub	2098819	2098854	-	5	EAYELVAPILTK	12
PPUB-1783	Proteomics_pub	2098855	2098884	-	5	GPSIMPGGQK	10
PPUB-1784	Proteomics_pub	2098885	2098953	-	5	ELSAEGFNFIGTGVSGGEEGALK	23
PPUB-1785	Proteomics_pub	2098885	2098959	-	5	NRELSAEGFNFIGTGVSGGEEGALK	25
PPUB-1786	Proteomics_pub	2098960	2099013	-	5	GDIIIDGGNTFFQDTIRR	18
PPUB-1787	Proteomics_pub	2098963	2099013	-	5	GDIIIDGGNTFFQDTIR	17
PPUB-1788	Proteomics_pub	2099014	2099067	-	5	AGAGTDAAIDSLKPYLDK	18
PPUB-1789	Proteomics_pub	2099086	2099142	-	5	LVPYYTVQEFVESLETPRR	19
PPUB-1790	Proteomics_pub	2099086	2099118	-	5	EFVESLETPRR	11
PPUB-1791	Proteomics_pub	2099089	2099118	-	5	EFVESLETPR	10
PPUB-1792	Proteomics_pub	2099089	2099142	-	5	LVPYYTVKEFVESLETPR	18
PPUB-1793	Proteomics_pub	2099119	2099145	-	5	KLVPYYTVK	9
PPUB-1794	Proteomics_pub	2099119	2099142	-	5	LVPYYTVK	8
PPUB-1795	Proteomics_pub	2099143	2099178	-	5	TEEVIAENPGKK	12
PPUB-1796	Proteomics_pub	2099143	2099178	-	5	TEEVIAENPGKK	12
PPUB-1797	Proteomics_pub	2099146	2099184	-	5	EKTEEVIAENPGK	13
PPUB-1798	Proteomics_pub	2099146	2099178	-	5	TEEVIAENPGK	11
PPUB-1799	Proteomics_pub	2099191	2099217	-	5	GYTVSIFNR	9
PPUB-1800	Proteomics_pub	2099218	2099244	-	5	NLALNIESR	9
PPUB-1801	Proteomics_pub	2099218	2099244	-	5	NLALNIESR	9
PPUB-1802	Proteomics_pub	2099245	2099283	-	5	QQIGVVGMAMVGR	13
PPUB-1803	Proteomics_pub	2099245	2099289	-	5	SKQQIGVVGMAMVGR	15
PPUB-1804	Proteomics_pub	2099245	2099283	-	5	QQIGVVGMAMVGR	13
PPUB-1805	Proteomics_pub	2099245	2099289	-	5	SKQQIGVVGMAMVGR	15
PPUB-1806	Proteomics_pub	2102566	2102634	-	5	IGAGSVVLQVPVPHHTAAGVPAR	23
PPUB-1807	Proteomics_pub	2103098	2103130	-	6	DVLEEVIDDLK	11
PPUB-1808	Proteomics_pub	2103236	2103262	-	6	IGYAVGSIK	9
PPUB-1809	Proteomics_pub	2103263	2103295	-	6	AALADFIVDNR	11
PPUB-1810	Proteomics_pub	2103449	2103484	-	6	YLGSFDAQSPEK	12
PPUB-1811	Proteomics_pub	2103566	2103595	-	6	GVIYAGNLSR	10

PPUB-1812	Proteomics_pub	2103617	2103655	-	6	IFDYLVSSDVEHR	13
PPUB-1813	Proteomics_pub	2103776	2103811	-	6	IVPLIHDIDELR	12
PPUB-1814	Proteomics_pub	2105271	2105318	-	4	YYDMHQVISAALYQVK	16
PPUB-1815	Proteomics_pub	2105334	2105360	-	4	EDKVIFGGR	9
PPUB-1816	Proteomics_pub	2105403	2105441	-	4	VGDEPYYPVNDNK	13
PPUB-1817	Proteomics_pub	2105481	2105504	-	4	HFDYVETK	8
PPUB-1818	Proteomics_pub	2105634	2105675	-	4	IIYTGPIDQYFDYR	14
PPUB-1819	Proteomics_pub	2105766	2105798	-	4	YQGIPVGGYTK	11
PPUB-1820	Proteomics_pub	2105799	2105831	-	4	FTFDNNYFSDR	11
PPUB-1821	Proteomics_pub	2105907	2105975	-	4	VPENLEEQAISLVGEDLYQALIK	23
PPUB-1822	Proteomics_pub	2105994	2106032	-	4	DPQEAQNIINAQK	13
PPUB-1823	Proteomics_pub	2106093	2106122	-	4	FTNSPLAIYK	10
PPUB-1824	Proteomics_pub	2107623	2107649	-	4	LFTLDELIR	9
PPUB-1825	Proteomics_pub	2107839	2107871	-	4	WVGVLISADNK	11
PPUB-1826	Proteomics_pub	2108234	2108260	-	6	GFIDVEQVR	9
PPUB-1827	Proteomics_pub	2108264	2108293	-	6	VSCPEEIAFR	10
PPUB-1828	Proteomics_pub	2108429	2108458	-	6	GELEITDINR	10
PPUB-1829	Proteomics_pub	2108429	2108458	-	6	GELEITDINR	10
PPUB-1830	Proteomics_pub	2108540	2108584	-	6	NGTAISLEEKPLEPK	15
PPUB-1831	Proteomics_pub	2108585	2108608	-	6	YGVVEFDK	8
PPUB-1832	Proteomics_pub	2108609	2108656	-	6	ESGATVFAYHVNDPER	16
PPUB-1833	Proteomics_pub	2108801	2108854	-	6	FQQLLGDGSQWGLNLQYK	18
PPUB-1834	Proteomics_pub	2108855	2108893	-	6	DILIISTPQDTPR	13
PPUB-1835	Proteomics_pub	2108894	2108965	-	6	EMLPIVDKPMIQYIVDEIVAAGIK	24
PPUB-1836	Proteomics_pub	2108966	2108995	-	6	LYPVTMAVSK	10
PPUB-1837	Proteomics_pub	2108996	2109028	-	6	GIILAGGSGTR	11
PPUB-1838	Proteomics_pub	2108996	2109028	-	6	GIILAGGSGTR	11
PPUB-1839	Proteomics_pub	2109140	2109190	-	6	FQQNFALVLPDWQVGVK	17
PPUB-1840	Proteomics_pub	2109224	2109265	-	6	LNAVPTTAYPTPAR	14
PPUB-1841	Proteomics_pub	2109947	2109976	-	6	TGQVGVWELQR	10
PPUB-1842	Proteomics_pub	2110003	2110050	-	5	SGAYQSWIEQNYEGRQ	16
PPUB-1843	Proteomics_pub	2110069	2110098	-	5	TVEWYLSNTK	10
PPUB-1844	Proteomics_pub	2110102	2110146	-	5	ALGWKPQETFESGIR	15
PPUB-1845	Proteomics_pub	2110147	2110176	-	5	YAIDAEKIGR	10
PPUB-1846	Proteomics_pub	2110237	2110290	-	5	NIDVVLITICDLLDEIVPK	18
PPUB-1847	Proteomics_pub	2110294	2110332	-	5	AGETYNIGGHNEK	13
PPUB-1848	Proteomics_pub	2110333	2110362	-	5	ALYTVVTEGK	10
PPUB-1849	Proteomics_pub	2110429	2110467	-	5	LIPLVILNALEGK	13
PPUB-1850	Proteomics_pub	2110717	2110749	-	5	NYWSALDSDKK	11
PPUB-1851	Proteomics_pub	2110885	2110932	-	5	YVFEHADICDAPAMAR	16
PPUB-1852	Proteomics_pub	2110933	2110965	-	5	ESLADVSDSER	11
PPUB-1853	Proteomics_pub	2110966	2111031	-	5	HIINNTQDSVVNVDKLTYAGNR	22
PPUB-1854	Proteomics_pub	2110987	2111031	-	5	HIINNTQDSVVNVDK	15
PPUB-1855	Proteomics_pub	2111515	2111553	-	5	LGYMQAFVEYGIR	13
PPUB-1856	Proteomics_pub	2111608	2111646	-	5	IQLTDAIAELAKK	13
PPUB-1857	Proteomics_pub	2111611	2111646	-	5	IQLTDAIAELAK	12

PPUB-1858	Proteomics_pub	2111671	2111709	-	5	YVLSADIWPLAK	13
PPUB-1859	Proteomics_pub	2111710	2111778	-	5	IVEFIEKPDQPQLDSDIMAVGR	23
PPUB-1860	Proteomics_pub	2111812	2111853	-	5	MPGDLSEYSVIQTK	14
PPUB-1861	Proteomics_pub	2111893	2111919	-	5	YNLAAMIAR	9
PPUB-1862	Proteomics_pub	2112043	2112102	-	5	QLLDEVQSICPPHVTIMQVR	20
PPUB-1863	Proteomics_pub	2112172	2112201	-	5	EILLVTHASK	10
PPUB-1864	Proteomics_pub	2112202	2112273	-	5	EMLPIVDKPMIQYIVDEIVAAGIK	24
PPUB-1865	Proteomics_pub	2112286	2112336	-	5	AVIPVAGLGMHMLPATK	17
PPUB-1866	Proteomics_pub	2120254	2120292	-	5	ADLGIAFDGDGDR	13
PPUB-1867	Proteomics_pub	2127531	2127569	-	4	WVLVELGGNDGLR	13
PPUB-1868	Proteomics_pub	2130109	2130177	-	5	IGAGSVVLQVPVPHHTAAGVPAR	23
PPUB-1869	Proteomics_pub	2140192	2140221	-	5	DIEAWLDEGR	10
PPUB-1870	Proteomics_pub	2140394	2140420	-	6	QYADIIVPR	9
PPUB-1871	Proteomics_pub	2164823	2164867	-	6	HELNIVQNNFVDHR	15
PPUB-1872	Proteomics_pub	2169905	2169937	-	6	GSFESFAQAVR	11
PPUB-1873	Proteomics_pub	2169938	2169970	-	6	KLSLEPLIAHR	11
PPUB-1874	Proteomics_pub	2170307	2170339	-	6	SVTAIDISSEK	11
PPUB-1875	Proteomics_pub	2170766	2170804	-	6	IASSGLCGSDLPR	13
PPUB-1876	Proteomics_pub	2170829	2170858	-	6	VAESVIPEIK	10
PPUB-1877	Proteomics_pub	2170859	2170891	-	6	SVVNDTDGIVR	11
PPUB-1878	Proteomics_pub	2171473	2171514	-	5	VIKPIDGLTPIAK	14
PPUB-1879	Proteomics_pub	2172328	2172402	-	5	SFGDIPLVHGMPPFISGIGIEALQNK	25
PPUB-1880	Proteomics_pub	2172412	2172468	-	5	VNEIETYMDGVHLICTTAK	19
PPUB-1881	Proteomics_pub	2172469	2172516	-	5	ELCQNHNPVELIQCR	16
PPUB-1882	Proteomics_pub	2172658	2172714	-	5	LQQPDIVETLITLPETQLK	19
PPUB-1883	Proteomics_pub	2172829	2172864	-	5	SSAIYLLRPTNK	12
PPUB-1884	Proteomics_pub	2172943	2172984	-	5	GVVHDTWPQALIAR	14
PPUB-1885	Proteomics_pub	2172985	2173026	-	5	SEVLTHIGNEMLAK	14
PPUB-1886	Proteomics_pub	2173084	2173107	-	5	AYRYGCAE	8
PPUB-1887	Proteomics_pub	2173126	2173176	-	5	IQSGELSAIPHQLIMDK	17
PPUB-1888	Proteomics_pub	2173318	2173350	-	5	TGFNDSLDIR	11
PPUB-1889	Proteomics_pub	2173420	2173476	-	5	EAIFALAQIEQELIAPENR	19
PPUB-1890	Proteomics_pub	2173477	2173506	-	5	VGPALTFALR	10
PPUB-1891	Proteomics_pub	2173552	2173590	-	5	MVYEAHSTDYQTR	13
PPUB-1892	Proteomics_pub	2173912	2173983	-	5	IHLDASMSCAGDPIPLAPETVAER	24
PPUB-1893	Proteomics_pub	2173999	2174028	-	5	SVELVKEYVR	10
PPUB-1894	Proteomics_pub	2174029	2174100	-	5	IILGGDHLGPNCWQQENADAAMEK	24
PPUB-1895	Proteomics_pub	2174122	2174148	-	5	EFVFTIADK	9
PPUB-1896	Proteomics_pub	2174375	2174407	-	6	VIADCGCEGRA	11
PPUB-1897	Proteomics_pub	2174378	2174407	-	6	VIADCGCEGR	10
PPUB-1898	Proteomics_pub	2174579	2174632	-	6	QWVNLPLVLHGASGLSTK	18
PPUB-1899	Proteomics_pub	2174849	2174872	-	6	EVVDFCHR	8
PPUB-1900	Proteomics_pub	2174879	2174929	-	6	SVMIDASHLPFAQNISR	17
PPUB-1901	Proteomics_pub	2175738	2175767	-	4	YQLANCYMGR	10
PPUB-1902	Proteomics_pub	2175768	2175800	-	4	LTSNPIDLVR	11
PPUB-1903	Proteomics_pub	2176434	2176472	-	4	VMIDNNRPPAVLR	13

PPUB-1904	Proteomics_pub	2181864	2181920	-	4	NTHGTGCTLSAALAALRPR	19
PPUB-1905	Proteomics_pub	2181921	2181947	-	4	FTAPRIMTK	9
PPUB-1906	Proteomics_pub	2182739	2182777	-	6	IIGIHGGDPLMTK	13
PPUB-1907	Proteomics_pub	2182997	2183053	-	6	SSQTPWTLDPVAVGALDYR	19
PPUB-1908	Proteomics_pub	2191162	2191215	-	5	GTPTVISRPESEFTAIYR	18
PPUB-1909	Proteomics_pub	2191777	2191827	-	5	SSTAVNLALALAAEGAK	17
PPUB-1910	Proteomics_pub	2191963	2191989	-	5	EQCSAELLR	9
PPUB-1911	Proteomics_pub	2192101	2192148	-	5	AMVAGTLANFQHPTLK	16
PPUB-1912	Proteomics_pub	2192149	2192190	-	5	MNEQSQAKSPEALR	14
PPUB-1913	Proteomics_pub	2214830	2214871	-	6	TIVFISHDLDEAMR	14
PPUB-1914	Proteomics_pub	2214920	2214988	-	6	ALAINPDILLMDEAFSALDPLIR	23
PPUB-1915	Proteomics_pub	2215004	2215039	-	6	YPLHLSGGQQQR	12
PPUB-1916	Proteomics_pub	2217099	2217152	-	4	LIWLTPAPANNTWTIAVR	18
PPUB-1917	Proteomics_pub	2218416	2218445	-	4	TDITIPQSQR	10
PPUB-1918	Proteomics_pub	2218740	2218784	-	4	SATIAVVGPLADSKR	15
PPUB-1919	Proteomics_pub	2218971	2219003	-	4	VTMAELDDAAR	11
PPUB-1920	Proteomics_pub	2219661	2219702	-	4	IPLFFAYDVLHGQR	14
PPUB-1921	Proteomics_pub	2219754	2219792	-	4	DGQVGAI FNTVTR	13
PPUB-1922	Proteomics_pub	2219817	2219846	-	4	LISVGPDPNK	10
PPUB-1923	Proteomics_pub	2219883	2219909	-	4	DAFVTELLK	9
PPUB-1924	Proteomics_pub	2241060	2241107	-	4	DATSATTTTSLGGLFK	16
PPUB-1925	Proteomics_pub	2241213	2241254	-	4	IVQFFAQR PQVQR	14
PPUB-1926	Proteomics_pub	2241567	2241620	-	4	GLETPLRPPVHEMDNETR	18
PPUB-1927	Proteomics_pub	2241621	2241656	-	4	EAALVHEALVAR	12
PPUB-1928	Proteomics_pub	2242875	2242901	-	4	AGVLNLGDK	9
PPUB-1929	Proteomics_pub	2243127	2243159	-	4	LSINYTYNDGR	11
PPUB-1930	Proteomics_pub	2243184	2243210	-	4	IQGVETELK	9
PPUB-1931	Proteomics_pub	2243217	2243252	-	4	RIPVFSYYNVNK	12
PPUB-1932	Proteomics_pub	2243643	2243678	-	4	IFEPLALTTGVR	12
PPUB-1933	Proteomics_pub	2243679	2243723	-	4	TSASQYALFVEDEWR	15
PPUB-1934	Proteomics_pub	2243724	2243765	-	4	LSDAVNLTGGTSSK	14
PPUB-1935	Proteomics_pub	2243832	2243897	-	4	VENKNPGNSSPITSESNTVDGK	22
PPUB-1936	Proteomics_pub	2243913	2243939	-	4	WDYGTSELK	9
PPUB-1937	Proteomics_pub	2244318	2244380	-	4	GPMS SLYGSDALGGVVNIITK	21
PPUB-1938	Proteomics_pub	2244318	2244362	-	4	YGPQSVGGVVNFVTR	15
PPUB-1939	Proteomics_pub	2244318	2244362	-	4	YGNGAAGGVVNIITK	15
PPUB-1940	Proteomics_pub	2244396	2244443	-	4	HNDFDLNWIPVDSIER	16
PPUB-1941	Proteomics_pub	2244459	2244515	-	4	GMGPENTLILIDGKPVSSR	19
PPUB-1942	Proteomics_pub	2244471	2244515	-	4	GLDSSYTLILVDGKR	15
PPUB-1943	Proteomics_pub	2244474	2244515	-	4	GLDSSYTLILVDGK	14
PPUB-1944	Proteomics_pub	2244531	2244575	-	4	EVPGVQLTNEGDNRK	15
PPUB-1945	Proteomics_pub	2277981	2278031	-	4	DLTKPAVLEVITPTQVR	17
PPUB-1946	Proteomics_pub	2278323	2278385	-	4	LLPEHDVAYDGNPLAQQHGPR	21
PPUB-1947	Proteomics_pub	2278461	2278490	-	4	FIAQQQLGVS R	10
PPUB-1948	Proteomics_pub	2303313	2303345	-	4	VSSPQWQATLK	11
PPUB-1949	Proteomics_pub	2303922	2303954	-	4	LLQESGIPEAK	11

PPUB-1950	Proteomics_pub	2309671	2309724	-	5	DAGINTDNIVALGLVYQF	18
PPUB-1951	Proteomics_pub	2309725	2309757	-	5	INLLDDNQFTR	11
PPUB-1952	Proteomics_pub	2309758	2309784	-	5	NMSTYVDYK	9
PPUB-1953	Proteomics_pub	2309785	2309820	-	5	YVDVGATYYFNK	12
PPUB-1954	Proteomics_pub	2309866	2309943	-	5	AQNFEAVAQYQFDFGLRPSLAYLQSK	26
PPUB-1955	Proteomics_pub	2309944	2309970	-	5	VGSLGWANK	9
PPUB-1956	Proteomics_pub	2309971	2310030	-	5	YDANNIYLAAQYTQTYNATR	20
PPUB-1957	Proteomics_pub	2310031	2310057	-	5	AETYTGGLK	9
PPUB-1958	Proteomics_pub	2310031	2310102	-	5	TDAQNTAAYIGNGDRAETYTGGLK	24
PPUB-1959	Proteomics_pub	2310058	2310105	-	5	RTDAQNTAAYIGNGDR	16
PPUB-1960	Proteomics_pub	2310058	2310102	-	5	TDAQNTAAYIGNGDR	15
PPUB-1961	Proteomics_pub	2310187	2310252	-	5	NGNPSGEGFTSGVTNNGRDALR	22
PPUB-1962	Proteomics_pub	2310199	2310252	-	5	NGNPSGEGFTSGVTNNGR	18
PPUB-1963	Proteomics_pub	2310253	2310312	-	5	NTDFFGLVDGLNFAVQYQGK	20
PPUB-1964	Proteomics_pub	2310253	2310312	-	5	NSNFFGLVDGLNFAVQYLGK	20
PPUB-1965	Proteomics_pub	2310433	2310465	-	5	FQDVGSFDYGR	11
PPUB-1966	Proteomics_pub	2310433	2310486	-	5	VAFAGLKFQDVGSFDYGR	18
PPUB-1967	Proteomics_pub	2310433	2310486	-	5	LAFAGLKYADVGSFDYGR	18
PPUB-1968	Proteomics_pub	2310433	2310465	-	5	YADVGSFDYGR	11
PPUB-1969	Proteomics_pub	2310598	2310627	-	5	DVDGDQTYMR	10
PPUB-1970	Proteomics_pub	2310598	2310660	-	5	VDGLHYFSDNKDVDGDQTYMR	21
PPUB-1971	Proteomics_pub	2310628	2310660	-	5	VDGLHYFSDNK	11
PPUB-1972	Proteomics_pub	2310661	2310690	-	5	DGNKLDLYGK	10
PPUB-1973	Proteomics_pub	2310661	2310690	-	5	DGNKVDLYGK	10
PPUB-1974	Proteomics_pub	2333053	2333079	-	5	LDALSQQPR	9
PPUB-1975	Proteomics_pub	2334310	2334345	-	5	IVYEHDLTLKDK	12
PPUB-1976	Proteomics_pub	2334929	2334964	-	6	TAEDENVVGLQR	12
PPUB-1977	Proteomics_pub	2334965	2334991	-	6	NTQGVILIR	9
PPUB-1978	Proteomics_pub	2334992	2335024	-	6	TRVSEISIVGR	11
PPUB-1979	Proteomics_pub	2335151	2335177	-	6	TAVAHEYPTK	9
PPUB-1980	Proteomics_pub	2335181	2335225	-	6	GDGAILTATQNGYGK	15
PPUB-1981	Proteomics_pub	2335226	2335267	-	6	LGEGDKVVSIVPR	14
PPUB-1982	Proteomics_pub	2335277	2335306	-	6	AMGCNTTGVR	10
PPUB-1983	Proteomics_pub	2335475	2335507	-	6	VFMATANGTVK	11
PPUB-1984	Proteomics_pub	2335508	2335552	-	6	ITAILPVTEFEEGVK	15
PPUB-1985	Proteomics_pub	2335553	2335597	-	6	GRPIVNLPLEQDER	15
PPUB-1986	Proteomics_pub	2335607	2335633	-	6	VYQLPEATR	9
PPUB-1987	Proteomics_pub	2335655	2335702	-	6	LLVANTHDHILCFSSR	16
PPUB-1988	Proteomics_pub	2335703	2335729	-	6	IKEEDFIDR	9
PPUB-1989	Proteomics_pub	2335760	2335792	-	6	YQPLSEYEAQR	11
PPUB-1990	Proteomics_pub	2335913	2335951	-	6	LMEVIREEELVLR	13
PPUB-1991	Proteomics_pub	2335973	2336005	-	6	ELLDQIAELLR	11
PPUB-1992	Proteomics_pub	2336057	2336110	-	6	DGLYLYLTEQQAQAILDLR	18
PPUB-1993	Proteomics_pub	2336111	2336164	-	6	AGDDAARPEWLEPEFGVR	18
PPUB-1994	Proteomics_pub	2336222	2336248	-	6	HAPTPAEAK	9
PPUB-1995	Proteomics_pub	2336249	2336314	-	6	AHILEALAVLANIDPIIELIR	22

PPUB-1996	Proteomics_pub	2336633	2336674	-	6	ETIIVHEIPYQVNK	14
PPUB-1997	Proteomics_pub	2336684	2336713	-	6	ARAEVEVDAK	10
PPUB-1998	Proteomics_pub	2336981	2337022	-	6	ETVDFVDNYDGTEK	14
PPUB-1999	Proteomics_pub	2337023	2337055	-	6	IAHELMADLEK	11
PPUB-2000	Proteomics_pub	2337170	2337214	-	6	YHPHGDSAVYDTIVR	15
PPUB-2001	Proteomics_pub	2337305	2337328	-	6	DGLKPVHR	8
PPUB-2002	Proteomics_pub	2337305	2337346	-	6	ALPFIGDGLKPVQR	14
PPUB-2003	Proteomics_pub	2337347	2337388	-	6	SSYLDYAMSVIVGR	14
PPUB-2004	Proteomics_pub	2337389	2337424	-	6	EITPVNIEEELK	12
PPUB-2005	Proteomics_pub	2374152	2374184	-	4	EMLQNSPMALR	11
PPUB-2006	Proteomics_pub	2374206	2374262	-	4	QALDMGLVNTVVPLADLEK	19
PPUB-2007	Proteomics_pub	2374278	2374304	-	4	AREIWFLCR	9
PPUB-2008	Proteomics_pub	2374278	2374298	-	4	EIWFLCR	7
PPUB-2009	Proteomics_pub	2374323	2374367	-	4	VGSFDGGWGASYMAR	15
PPUB-2010	Proteomics_pub	2374503	2374547	-	4	DDSGVHHLNVLDFQR	15
PPUB-2011	Proteomics_pub	2374575	2374601	-	4	AFCSGGDQK	9
PPUB-2012	Proteomics_pub	2374602	2374649	-	4	YDDNIGVIILTGAGDK	16
PPUB-2013	Proteomics_pub	2374650	2374679	-	4	EMIQALADAR	10
PPUB-2014	Proteomics_pub	2374680	2374706	-	4	NAFRPLTVK	9
PPUB-2015	Proteomics_pub	2376679	2376717	-	5	LGDWVQDDKPWLR	13
PPUB-2016	Proteomics_pub	2377421	2377474	-	6	LFAGAGIVPASSPLGEWR	18
PPUB-2017	Proteomics_pub	2378972	2379022	-	6	IDDDLTLSETLEEVL	17
PPUB-2018	Proteomics_pub	2378972	2379046	-	6	SNQFGDTRIDDLTLSETLEEVL	25
PPUB-2019	Proteomics_pub	2395707	2395754	-	4	IAPYYHLFGSDELSQR	16
PPUB-2020	Proteomics_pub	2395863	2395886	-	4	FQDEVGGK	8
PPUB-2021	Proteomics_pub	2395887	2395943	-	4	SQVPPAWAPGWNSPQAWNK	19
PPUB-2022	Proteomics_pub	2396013	2396039	-	4	ANISVHEPR	9
PPUB-2023	Proteomics_pub	2396100	2396126	-	4	DAAPDATFR	9
PPUB-2024	Proteomics_pub	2396100	2396150	-	4	IPELAGIKDAAPDATFR	17
PPUB-2025	Proteomics_pub	2396238	2396261	-	4	TMLESWR	8
PPUB-2026	Proteomics_pub	2396262	2396300	-	4	FFQVYDPAYYDSK	13
PPUB-2027	Proteomics_pub	2396397	2396429	-	4	APLVMVVDHQR	11
PPUB-2028	Proteomics_pub	2396469	2396507	-	4	ADAVVLENDLHR	13
PPUB-2029	Proteomics_pub	2396586	2396618	-	4	GADVGITMIAR	11
PPUB-2030	Proteomics_pub	2396634	2396705	-	4	KPLIISGTNAGSLEVIQAAANVAK	24
PPUB-2031	Proteomics_pub	2396706	2396741	-	4	IDVIVQALAGAK	12
PPUB-2032	Proteomics_pub	2396742	2396819	-	4	LGFAIAHALDNSAPAVDGIPELQSK	26
PPUB-2033	Proteomics_pub	2397087	2397116	-	4	EGGIYTPALR	10
PPUB-2034	Proteomics_pub	2397144	2397200	-	4	ELVGEENFYTGIAHGEQER	19
PPUB-2035	Proteomics_pub	2397201	2397230	-	4	ASVESNFALR	10
PPUB-2036	Proteomics_pub	2397231	2397257	-	4	KVIGIGSPR	9
PPUB-2037	Proteomics_pub	2397360	2397386	-	4	FGYGYVNLK	9
PPUB-2038	Proteomics_pub	2397738	2397779	-	4	NQDLGPFISHEMNR	14
PPUB-2039	Proteomics_pub	2398339	2398392	-	5	TFCAHAPGAVEPLQSAIK	18
PPUB-2040	Proteomics_pub	2398558	2398617	-	5	LGTALAMAVDHEINMVSLVR	20
PPUB-2041	Proteomics_pub	2398732	2398764	-	5	EILEDYAGGMR	11

PPUB-2042	Proteomics_pub	2398765	2398806	-	5	NPGLWELPFGTTAR	14
PPUB-2043	Proteomics_pub	2398765	2398812	-	5	VKNPGLWELPFGTTAR	16
PPUB-2044	Proteomics_pub	2398999	2399046	-	5	YICGEETALINSLEGR	16
PPUB-2045	Proteomics_pub	2399104	2399142	-	5	AIAEATEAGLLGK	13
PPUB-2046	Proteomics_pub	2399362	2399391	-	5	GGAGFSTGLK	10
PPUB-2047	Proteomics_pub	2399413	2399457	-	5	ALTGLSPDEIVNQVK	15
PPUB-2048	Proteomics_pub	2399530	2399559	-	5	TPETHPLTWR	10
PPUB-2049	Proteomics_pub	2399700	2399741	-	4	KLNIKPGQTTFDGR	14
PPUB-2050	Proteomics_pub	2399700	2399738	-	4	LNIKPGQTTFDGR	13
PPUB-2051	Proteomics_pub	2399742	2399804	-	4	YCDSVVCHINGYQGIQAALK	21
PPUB-2052	Proteomics_pub	2400149	2400193	-	6	TPSFAHLQQIPAAIR	15
PPUB-2053	Proteomics_pub	2400482	2400559	-	6	ARPYSGYENFDFEIPVGGGVSDCYTR	26
PPUB-2054	Proteomics_pub	2400563	2400589	-	6	ATGIDFDVR	9
PPUB-2055	Proteomics_pub	2400590	2400628	-	6	EALEWGTTGAGLR	13
PPUB-2056	Proteomics_pub	2400629	2400658	-	6	SQGVAAYGAK	10
PPUB-2057	Proteomics_pub	2400713	2400736	-	6	EFLDWMPK	8
PPUB-2058	Proteomics_pub	2400758	2400787	-	6	IGGVAHDLPR	10
PPUB-2059	Proteomics_pub	2400974	2401000	-	6	LAGITVPDR	9
PPUB-2060	Proteomics_pub	2401319	2401351	-	6	ATEFSPFELTK	11
PPUB-2061	Proteomics_pub	2401463	2401492	-	6	LFPNANWYER	10
PPUB-2062	Proteomics_pub	2401493	2401537	-	6	VALAENDLHVPTFTK	15
PPUB-2063	Proteomics_pub	2401559	2401615	-	6	EGLPAADFVSVFYHLISIDR	19
PPUB-2064	Proteomics_pub	2401685	2401717	-	6	EQLLEVGDFLK	11
PPUB-2065	Proteomics_pub	2401685	2401720	-	6	REQLLEVGDFLK	12
PPUB-2066	Proteomics_pub	2401721	2401747	-	6	TGVPVVWIK	9
PPUB-2067	Proteomics_pub	2401748	2401783	-	6	FGPDAFTVQATR	12
PPUB-2068	Proteomics_pub	2401790	2401825	-	6	DHLDDPVIGELR	12
PPUB-2069	Proteomics_pub	2401976	2402011	-	6	IAVTNLRTPDEI	12
PPUB-2070	Proteomics_pub	2402054	2402095	-	6	RPLSWVVGDDQGVYR	14
PPUB-2071	Proteomics_pub	2402273	2402299	-	6	LYDQMLEPK	9
PPUB-2072	Proteomics_pub	2402531	2402572	-	6	QEIVTDPLEQEVNK	14
PPUB-2073	Proteomics_pub	2402573	2402614	-	6	IDPNGENDRYPLQK	14
PPUB-2074	Proteomics_pub	2402660	2402692	-	6	MNPETNSIANR	11
PPUB-2075	Proteomics_pub	2402708	2402737	-	6	IGALDWTPAR	10
PPUB-2076	Proteomics_pub	2402912	2402956	-	6	NVPFESGIDSVGSAR	15
PPUB-2077	Proteomics_pub	2410125	2410169	-	4	QYHLSANEINQIINA	15
PPUB-2078	Proteomics_pub	2410170	2410199	-	4	MLNVWHACPR	10
PPUB-2079	Proteomics_pub	2410269	2410292	-	4	FMVNVEGR	8
PPUB-2080	Proteomics_pub	2410311	2410352	-	4	RVTFGLGFDAATEAR	14
PPUB-2081	Proteomics_pub	2410311	2410349	-	4	VTFLGFDAATEAR	13
PPUB-2082	Proteomics_pub	2410533	2410568	-	4	MMTMLDPANAER	12
PPUB-2083	Proteomics_pub	2416659	2416697	-	4	NAKNEAVETETAE	13
PPUB-2084	Proteomics_pub	2416866	2416937	-	4	EAEELGIAGVPFAEHGQFYFEDK	24
PPUB-2085	Proteomics_pub	2417118	2417183	-	4	LASTEWVDIVNEENEVIAQASR	22
PPUB-2086	Proteomics_pub	2417358	2417402	-	4	GEIFHFNPGSVSIPK	15
PPUB-2087	Proteomics_pub	2417646	2417678	-	4	NALPEGYAPAK	11

PPUB-2088	Proteomics_pub	2422052	2422087	-	6	YPLHLSGGQQQR	12
PPUB-2089	Proteomics_pub	2424031	2424060	-	5	KYFDFDVYGG	10
PPUB-2090	Proteomics_pub	2424145	2424177	-	5	LFGVGTGMGLR	11
PPUB-2091	Proteomics_pub	2424178	2424207	-	5	FGGPSVKDEK	10
PPUB-2092	Proteomics_pub	2424232	2424282	-	5	IDAAFQDEVAASEGFLK	17
PPUB-2093	Proteomics_pub	2424346	2424408	-	5	RVGVLQGTQTETFGNEHWAPK	21
PPUB-2094	Proteomics_pub	2424415	2424450	-	5	NSDIQPTVESLK	12
PPUB-2095	Proteomics_pub	2424487	2424513	-	5	QQEIAFTDK	9
PPUB-2096	Proteomics_pub	2424487	2424516	-	5	RQQEIAFTDK	10
PPUB-2097	Proteomics_pub	2424640	2424684	-	5	NSQGELVGFIDDLAK	15
PPUB-2098	Proteomics_pub	2424685	2424723	-	5	IGTDTTYAPFSSK	13
PPUB-2099	Proteomics_pub	2424685	2424723	-	5	IGTPTYAPFESK	13
PPUB-2100	Proteomics_pub	2425148	2425180	-	6	YFGDGTGVGLR	11
PPUB-2101	Proteomics_pub	2425235	2425285	-	6	IDAAFQDEVAASEGFLK	17
PPUB-2102	Proteomics_pub	2425418	2425453	-	6	GSPIQPTLDSLK	12
PPUB-2103	Proteomics_pub	2425490	2425519	-	6	RQQEIAFTDK	10
PPUB-2104	Proteomics_pub	2425688	2425726	-	6	IGTDTTYAPFSSK	13
PPUB-2105	Proteomics_pub	2425688	2425726	-	6	IGTPTYAPFESK	13
PPUB-2106	Proteomics_pub	2426746	2426784	-	5	QNEVENLEMHNEG	13
PPUB-2107	Proteomics_pub	2426854	2426916	-	5	AENPDIQQFECSVFNQVYVTK	21
PPUB-2108	Proteomics_pub	2427058	2427090	-	5	VYLASAAPEIR	11
PPUB-2109	Proteomics_pub	2427109	2427144	-	5	GTTSEQUIEMAR	12
PPUB-2110	Proteomics_pub	2427145	2427177	-	5	NVLLVDDSIVR	11
PPUB-2111	Proteomics_pub	2427232	2427261	-	5	TFIMPGQQLR	10
PPUB-2112	Proteomics_pub	2428084	2428119	-	5	ANGLVSDVFEAR	12
PPUB-2113	Proteomics_pub	2428129	2428179	-	5	GQDAAGIITIDANNCFR	17
PPUB-2114	Proteomics_pub	2431082	2431120	-	6	LMNLPAPNPEAPR	13
PPUB-2115	Proteomics_pub	2431256	2431282	-	6	ALIGFAGPR	9
PPUB-2116	Proteomics_pub	2431709	2431768	-	6	LHSLLEDEGSLVELGSELEPK	20
PPUB-2117	Proteomics_pub	2431871	2431900	-	6	ASIPEGVWTK	10
PPUB-2118	Proteomics_pub	2434138	2434170	-	5	AVDALAGQSAK	11
PPUB-2119	Proteomics_pub	2434174	2434215	-	5	ISVTSLISASAQ GK	14
PPUB-2120	Proteomics_pub	2434528	2434554	-	5	NESAGEQLR	9
PPUB-2121	Proteomics_pub	2434944	2434982	-	4	ITLHGPLDQPTLK	13
PPUB-2122	Proteomics_pub	2435046	2435078	-	4	GTTQVFEAYSK	11
PPUB-2123	Proteomics_pub	2435196	2435249	-	4	GAVVDNTALLTCLNEGQK	18
PPUB-2124	Proteomics_pub	2435250	2435288	-	4	SLKPGAILINACR	13
PPUB-2125	Proteomics_pub	2435337	2435372	-	4	ADILTFHTPLFK	12
PPUB-2126	Proteomics_pub	2435523	2435546	-	4	DGFSLYDR	8
PPUB-2127	Proteomics_pub	2435835	2435867	-	4	ILVDENMPYAR	11
PPUB-2128	Proteomics_pub	2438575	2438643	-	5	SMTGHLLGAAGAVESIYSILALR	23
PPUB-2129	Proteomics_pub	2438644	2438685	-	5	EVFGDKSPAISATK	14
PPUB-2130	Proteomics_pub	2438668	2438703	-	5	ELAAIREVFGDK	12
PPUB-2131	Proteomics_pub	2438704	2438781	-	5	MAMHGVDTPIDYLNHSGTSTPVGDVK	26
PPUB-2132	Proteomics_pub	2438791	2438880	-	5	GAHIYAEIVGYGATSDGADMVAPSGEGAVR	30
PPUB-2133	Proteomics_pub	2438881	2438949	-	5	DGFVIAGGGGMVVVELEHALAR	23

PPUB-2134	Proteomics_pub	2438968	2438997	-	5	YNDTPEKASR	10
PPUB-2135	Proteomics_pub	2438977	2438997	-	5	YNDTPEK	7
PPUB-2136	Proteomics_pub	2439085	2439174	-	5	IHGVNYSISSACATSAHCIGNAVEQIQLGK	30
PPUB-2137	Proteomics_pub	2439175	2439219	-	5	AMASGVSACLATPFK	15
PPUB-2138	Proteomics_pub	2439220	2439246	-	5	AVGPYVVTK	9
PPUB-2139	Proteomics_pub	2439265	2439294	-	5	FQVFGADAMR	10
PPUB-2140	Proteomics_pub	2439295	2439333	-	5	VGLIAGSGGGSPR	13
PPUB-2141	Proteomics_pub	2439439	2439468	-	5	LDTTGLIDRK	10
PPUB-2142	Proteomics_pub	2439442	2439468	-	5	LDTTGLIDR	9
PPUB-2143	Proteomics_pub	2439469	2439492	-	5	SHVWGNVK	8
PPUB-2144	Proteomics_pub	2439508	2439537	-	5	SGITFSQELK	10
PPUB-2145	Proteomics_pub	2439538	2439618	-	5	AVITGLGIVSSIGNNQEVLASLREGR	27
PPUB-2146	Proteomics_pub	2439547	2439618	-	5	AVITGLGIVSSIGNNQEVLASLR	24
PPUB-2147	Proteomics_pub	2439547	2439621	-	5	RAVITGLGIVSSIGNNQEVLASLR	25
PPUB-2148	Proteomics_pub	2441973	2442002	-	4	AIGAGELSPR	10
PPUB-2149	Proteomics_pub	2445070	2445108	-	5	ETAMRVAAGATAK	13
PPUB-2150	Proteomics_pub	2445463	2445492	-	5	AGNTIGQLFR	10
PPUB-2151	Proteomics_pub	2446091	2446120	-	6	SPIGELINNK	10
PPUB-2152	Proteomics_pub	2446175	2446201	-	6	IPVAYLTNK	9
PPUB-2153	Proteomics_pub	2446400	2446453	-	6	IFVDEAVNELQTIQDMLR	18
PPUB-2154	Proteomics_pub	2458738	2458776	-	5	ITPTFTEESDQVR	13
PPUB-2155	Proteomics_pub	2458807	2458845	-	5	AEAEQTLAALTEK	13
PPUB-2156	Proteomics_pub	2462388	2462417	-	4	QSSDPYIMVR	10
PPUB-2157	Proteomics_pub	2462418	2462450	-	4	AQLLDSDGLLR	11
PPUB-2158	Proteomics_pub	2462451	2462477	-	4	WTLEGIETR	9
PPUB-2159	Proteomics_pub	2462919	2462945	-	4	SDPLEGFNR	9
PPUB-2160	Proteomics_pub	2491172	2491195	-	6	WFGADVTK	8
PPUB-2161	Proteomics_pub	2500651	2500689	-	5	WTGMCGELAGDER	13
PPUB-2162	Proteomics_pub	2501107	2501133	-	5	EENPFLGWR	9
PPUB-2163	Proteomics_pub	2501134	2501184	-	5	TMDIGGDKELPYMNFPAK	17
PPUB-2164	Proteomics_pub	2501161	2501184	-	5	TMDIGGDK	8
PPUB-2165	Proteomics_pub	2501227	2501292	-	5	TEFLFMDRDALPTEEEQFAAYK	22
PPUB-2166	Proteomics_pub	2501293	2501343	-	5	DVEGAERNGAEGVGLYR	17
PPUB-2167	Proteomics_pub	2501293	2501322	-	5	NGAEGVGLYR	10
PPUB-2168	Proteomics_pub	2506615	2506647	-	5	FLEFFKASGFR	11
PPUB-2169	Proteomics_pub	2506849	2506884	-	5	VLSGPGLVNLVYR	12
PPUB-2170	Proteomics_pub	2506885	2506914	-	5	AEIGHVSAER	10
PPUB-2171	Proteomics_pub	2507401	2507439	-	5	YALVGDVGGTNAR	13
PPUB-2172	Proteomics_pub	2517282	2517317	-	4	ALDFIAERENQQ	12
PPUB-2173	Proteomics_pub	2517345	2517407	-	4	VAVTGAGQSPALDVTVHAIGK	21
PPUB-2174	Proteomics_pub	2517426	2517512	-	4	LAAITDWTAEVHHAIQATADELEVGMGK	29
PPUB-2175	Proteomics_pub	2517561	2517608	-	4	YFYEDFAEFDADAACK	16
PPUB-2176	Proteomics_pub	2517564	2517608	-	4	YFYEDFAEFDADAACK	15
PPUB-2177	Proteomics_pub	2517660	2517689	-	4	NGPQLADLVK	10
PPUB-2178	Proteomics_pub	2517789	2517815	-	4	SASAFNTDK	9
PPUB-2179	Proteomics_pub	2517816	2517842	-	4	YFTLNAVSK	9

PPUB-2180	Proteomics_pub	2517858	2517896	-	4	LGWSHGDQEIFTR	13
PPUB-2181	Proteomics_pub	2517897	2517941	-	4	DDGYLPEALLNYLVR	15
PPUB-2182	Proteomics_pub	2517942	2517971	-	4	HGAVSVMQYR	10
PPUB-2183	Proteomics_pub	2517942	2517974	-	4	RHGAVSVMQYR	11
PPUB-2184	Proteomics_pub	2518068	2518097	-	4	GEDHINNTPR	10
PPUB-2185	Proteomics_pub	2518176	2518271	-	4	FANPQEGSVVFDQIRGPIEFNSNQELDDLIR	32
PPUB-2186	Proteomics_pub	2518176	2518223	-	4	GPIEFNSNQELDDLIR	16
PPUB-2187	Proteomics_pub	2518224	2518271	-	4	FANPQEGSVVFDQIR	16
PPUB-2188	Proteomics_pub	2518272	2518316	-	4	HSHEHHADDEPCVVR	15
PPUB-2189	Proteomics_pub	2518350	2518382	-	4	LEALREEQMAK	11
PPUB-2190	Proteomics_pub	2518404	2518451	-	4	YNAVIDQMLEEGTAYK	16
PPUB-2191	Proteomics_pub	2518602	2518631	-	4	TALYSWLFAR	10
PPUB-2192	Proteomics_pub	2518632	2518676	-	4	FAPSPTGYLHVGGAR	15
PPUB-2193	Proteomics_pub	2527749	2527790	-	4	GDGTTGEDITSNVR	14
PPUB-2194	Proteomics_pub	2527977	2528015	-	4	VGAAPLAAFSQIR	13
PPUB-2195	Proteomics_pub	2534918	2534947	-	6	ILAEWLTALR	10
PPUB-2196	Proteomics_pub	2535230	2535256	-	6	SSLLLLFNDK	9
PPUB-2197	Proteomics_pub	2537357	2537440	-	6	GVLPKPGVELVEPTSGNTGIALAYVAAAR	28
PPUB-2198	Proteomics_pub	2537357	2537443	-	6	RGVLPKPGVELVEPTSGNTGIALAYVAAAR	29
PPUB-2199	Proteomics_pub	2538321	2538389	-	4	ALAINPDILLMDEAFSALDPLIR	23
PPUB-2200	Proteomics_pub	2538405	2538440	-	4	YPLHLSGGQQQR	12
PPUB-2201	Proteomics_pub	2538405	2538449	-	4	AHHYPSELSGGQQQR	15
PPUB-2202	Proteomics_pub	2538714	2538755	-	4	GAIVGIIGPNGAGK	14
PPUB-2203	Proteomics_pub	2542079	2542108	-	6	VNAICPGYVR	10
PPUB-2204	Proteomics_pub	2542109	2542144	-	6	SLAVEYAQSGIR	12
PPUB-2205	Proteomics_pub	2542574	2542624	-	6	TALITGALQGIGEGIAR	17
PPUB-2206	Proteomics_pub	2547683	2547733	-	6	FTKPVTGGYFAPSLDK	17
PPUB-2207	Proteomics_pub	2547914	2547976	-	6	TKEANEIIDGDERPETSHLTR	21
PPUB-2208	Proteomics_pub	2548103	2548159	-	6	DLSGFVDGTENPAGEETRR	19
PPUB-2209	Proteomics_pub	2548316	2548372	-	6	ALSGGVGAEELEKDFPGYGK	19
PPUB-2210	Proteomics_pub	2548337	2548372	-	6	ALSGGVGAEELEK	12
PPUB-2211	Proteomics_pub	2548526	2548564	-	6	SQVQSGILPEHCR	13
PPUB-2212	Proteomics_pub	2555343	2555369	-	4	RAGDPSLFF	9
PPUB-2213	Proteomics_pub	2556057	2556089	-	4	VLDTIYGVIDK	11
PPUB-2214	Proteomics_pub	2569018	2569104	-	5	AAYSSGKPAIGVGAGNTPVVIDETADIKR	29
PPUB-2215	Proteomics_pub	2569504	2569545	-	5	MAVAESGMGIVEDK	14
PPUB-2216	Proteomics_pub	2574459	2574515	-	4	VALLSHSNFGSSDCPSSSK	19
PPUB-2217	Proteomics_pub	2574762	2574809	-	4	ALISNPTVIGAIMVQR	16
PPUB-2218	Proteomics_pub	2574810	2574836	-	4	GVTQEQAQR	9
PPUB-2219	Proteomics_pub	2574843	2574875	-	4	EYWTEYFQIMK	11
PPUB-2220	Proteomics_pub	2575038	2575070	-	4	RVVLPEGEEAR	11
PPUB-2221	Proteomics_pub	2575038	2575070	-	4	RIVLPEGDEPR	11
PPUB-2222	Proteomics_pub	2575083	2575121	-	4	TNLFMKPIFSQAR	13
PPUB-2223	Proteomics_pub	2575368	2575412	-	4	GALDVGATAINEEMK	15
PPUB-2224	Proteomics_pub	2575503	2575562	-	4	APMILALANPEPEILPPLAK	20
PPUB-2225	Proteomics_pub	2575599	2575658	-	4	RTLDDVIEGADIFLGCSPK	20

PPUB-2226	Proteomics_pub	2575656	2575688	-	4	AAYAVVDDGKR	11
PPUB-2227	Proteomics_pub	2575734	2575760	-	4	HNIVVCDISK	9
PPUB-2228	Proteomics_pub	2576301	2576339	-	4	IQVSPTKPLATQR	13
PPUB-2229	Proteomics_pub	2581625	2581663	-	6	GSDLVVTAIAEGR	13
PPUB-2230	Proteomics_pub	2582093	2582137	-	6	VVVLGGGDTAMDCVR	15
PPUB-2231	Proteomics_pub	2582198	2582266	-	6	GLENEDADGVYAALPFLIANTK	23
PPUB-2232	Proteomics_pub	2582717	2582776	-	6	IFEAAELSHQTNTLPEVCGR	20
PPUB-2233	Proteomics_pub	2594951	2594995	-	6	QSLGGLIEAYEAVAR	15
PPUB-2234	Proteomics_pub	2595044	2595088	-	6	GEVVLGDEFSPDGSR	15
PPUB-2235	Proteomics_pub	2595110	2595151	-	6	KLFDDAGLILVDFK	14
PPUB-2236	Proteomics_pub	2595206	2595271	-	6	NDAMHDPMVNESYCETFGWVSK	22
PPUB-2237	Proteomics_pub	2595272	2595328	-	6	LGIEEGIELNPPLFDLFLK	19
PPUB-2238	Proteomics_pub	2595272	2595331	-	6	RLGIEEGIELNPPLFDLFLK	20
PPUB-2239	Proteomics_pub	2595359	2595394	-	6	KLDMVPVECVVR	12
PPUB-2240	Proteomics_pub	2595359	2595391	-	6	LDMVPVECVVR	11
PPUB-2241	Proteomics_pub	2595395	2595424	-	6	LLSDTECLVK	10
PPUB-2242	Proteomics_pub	2595425	2595460	-	6	LAEAGIPTQMER	12
PPUB-2243	Proteomics_pub	2595461	2595484	-	6	FNYFIMSK	8
PPUB-2244	Proteomics_pub	2595554	2595601	-	6	TVYSTENPDLLVLEFR	16
PPUB-2245	Proteomics_pub	2595856	2595921	-	5	GHTLTQSQNDALVAVFQAAFSK	22
PPUB-2246	Proteomics_pub	2595922	2595948	-	5	SSLQFIDPK	9
PPUB-2247	Proteomics_pub	2595949	2595975	-	5	LQVGDLDNR	9
PPUB-2248	Proteomics_pub	2595976	2596074	-	5	SQGNMAVITYKPLSDSDWQELGASDPGLASGDYK	33
PPUB-2249	Proteomics_pub	2596075	2596104	-	5	VGMKVTDSTR	10
PPUB-2250	Proteomics_pub	2596126	2596152	-	5	GPFNVVWQR	9
PPUB-2251	Proteomics_pub	2596219	2596254	-	5	SATDAANAAQNR	12
PPUB-2252	Proteomics_pub	2596300	2596356	-	5	LLNLEQAGKPVADAASMQR	19
PPUB-2253	Proteomics_pub	2596414	2596485	-	5	DDAGQTLTTDWWVQWNRLDEDEQYR	24
PPUB-2254	Proteomics_pub	2596507	2596551	-	5	GNTLWPQVVSVLQAK	15
PPUB-2255	Proteomics_pub	2596552	2596599	-	5	TQFTGDTASLLVENGR	16
PPUB-2256	Proteomics_pub	2596600	2596653	-	5	ALDIRPPAQLALVSGAR	18
PPUB-2257	Proteomics_pub	2596946	2596978	-	6	LPMPITDSGR	11
PPUB-2258	Proteomics_pub	2596979	2597011	-	6	ELGLVATDTLR	11
PPUB-2259	Proteomics_pub	2597024	2597056	-	6	LFVEPNPIPVK	11
PPUB-2260	Proteomics_pub	2597093	2597125	-	6	LAAEGHFAEAR	11
PPUB-2261	Proteomics_pub	2597333	2597368	-	6	TGCDLLPETVGR	12
PPUB-2262	Proteomics_pub	2597369	2597422	-	6	AIAEHTDLPQILYNVPSR	18
PPUB-2263	Proteomics_pub	2597510	2597572	-	6	IPVIAGTGANATAEAISLTQR	21
PPUB-2264	Proteomics_pub	2618286	2618381	-	4	AHPDVELYASIDQGLNEHGYIIPGLGDAGDK	32
PPUB-2265	Proteomics_pub	2618382	2618429	-	4	VLVLVAAPEGIAALEK	16
PPUB-2266	Proteomics_pub	2618451	2618522	-	4	MALIVDPMLATGGSVIATIDLLKK	24
PPUB-2267	Proteomics_pub	2618547	2618585	-	4	NEETLEVPVPYFQK	13
PPUB-2268	Proteomics_pub	2618610	2618660	-	4	AGLGMMDGVLENVPSAR	17
PPUB-2269	Proteomics_pub	2618694	2618741	-	4	VTIEGWNGPVEIDQIK	16
PPUB-2270	Proteomics_pub	2618742	2618807	-	4	ELASEVGSLLTYEATADLETEK	22
PPUB-2271	Proteomics_pub	2628983	2629030	-	6	VVYDISGKPPATIEWE	16

PPUB-2272	Proteomics_pub	2629031	2629060	-	6	IINEVNGISR	10
PPUB-2273	Proteomics_pub	2629031	2629072	-	6	VSNRIINEVNGISR	14
PPUB-2274	Proteomics_pub	2629139	2629165	-	6	KYDWWVSLR	9
PPUB-2275	Proteomics_pub	2629139	2629162	-	6	YDWWVSLR	8
PPUB-2276	Proteomics_pub	2629166	2629192	-	6	SVGVMGDGR	9
PPUB-2277	Proteomics_pub	2629193	2629228	-	6	VSQFTVFLPVR	12
PPUB-2278	Proteomics_pub	2629250	2629279	-	6	ADAIFIEELR	10
PPUB-2279	Proteomics_pub	2629250	2629282	-	6	RADAIFIEELR	11
PPUB-2280	Proteomics_pub	2629325	2629357	-	6	HPFPGPGLGVR	11
PPUB-2281	Proteomics_pub	2629358	2629399	-	6	IGLELGLPYDMLYR	14
PPUB-2282	Proteomics_pub	2629358	2629402	-	6	KIGLELGLPYDMLYR	15
PPUB-2283	Proteomics_pub	2629460	2629489	-	6	SHHNVGGLPK	10
PPUB-2284	Proteomics_pub	2629505	2629567	-	6	WLAQGTIYPDVIESAASATGK	21
PPUB-2285	Proteomics_pub	2629568	2629618	-	6	VFVEVFDEEALKLEDVK	17
PPUB-2286	Proteomics_pub	2629583	2629618	-	6	VFVEVFDEEALK	12
PPUB-2287	Proteomics_pub	2629634	2629678	-	6	FLSALAGENDPEAKR	15
PPUB-2288	Proteomics_pub	2629637	2629678	-	6	FLSALAGENDPEAK	14
PPUB-2289	Proteomics_pub	2629760	2629798	-	6	NLTCVFDNGLLR	13
PPUB-2290	Proteomics_pub	2629922	2629960	-	6	DICQCEALWTPAK	13
PPUB-2291	Proteomics_pub	2629994	2630035	-	6	FYGVQFHPEVTHTR	14
PPUB-2292	Proteomics_pub	2629994	2630038	-	6	RFYGVQFHPEVTHTR	15
PPUB-2293	Proteomics_pub	2630039	2630119	-	6	VTAIPSDFITVASTESCPFAIMANEK	27
PPUB-2294	Proteomics_pub	2630120	2630188	-	6	GIEDALTADGKPLLDVWMSHGDK	23
PPUB-2295	Proteomics_pub	2630189	2630239	-	6	EFGYAQVEVVNDSALVR	17
PPUB-2296	Proteomics_pub	2630348	2630416	-	6	DFNPSGIILSGGPESTTEENSPR	23
PPUB-2297	Proteomics_pub	2630483	2630530	-	6	ILILDFGSQYQLVAR	16
PPUB-2298	Proteomics_pub	2630629	2630655	-	5	ESPNYRLGS	9
PPUB-2299	Proteomics_pub	2630656	2630709	-	5	ISGAGIQESHVHDVTITK	18
PPUB-2300	Proteomics_pub	2630731	2630775	-	5	SCMGLTGCCTIDELR	15
PPUB-2301	Proteomics_pub	2630776	2630808	-	5	EIIHQMGGLR	11
PPUB-2302	Proteomics_pub	2630776	2630814	-	5	LKEIIHQMGGLR	13
PPUB-2303	Proteomics_pub	2630833	2630859	-	5	LVPEGIEGR	9
PPUB-2304	Proteomics_pub	2630833	2630889	-	5	YFQSDNAADKLVPEGIEGR	19
PPUB-2305	Proteomics_pub	2630860	2630889	-	5	YFQSDNAADK	10
PPUB-2306	Proteomics_pub	2630905	2630934	-	5	GMGSLGAMSK	10
PPUB-2307	Proteomics_pub	2630905	2630943	-	5	SYRGMGSLGAMSK	13
PPUB-2308	Proteomics_pub	2631067	2631168	-	5	IVTGVGVPQITAVADAVEALEGTGIPVIADGGIR	34
PPUB-2309	Proteomics_pub	2631169	2631204	-	5	VGIGPGSVCTTR	12
PPUB-2310	Proteomics_pub	2631169	2631204	-	5	VGIGPGSICTTR	12
PPUB-2311	Proteomics_pub	2631205	2631237	-	5	ALAEAGCSAVK	11
PPUB-2312	Proteomics_pub	2631238	2631297	-	5	AKYPDLQIIGGNVATAAGAR	20
PPUB-2313	Proteomics_pub	2631238	2631291	-	5	YDDLQIIGGNVATAAGAR	18
PPUB-2314	Proteomics_pub	2631313	2631393	-	5	VDALVAAGVDVLLIDSSHGHSEGLVQR	27
PPUB-2315	Proteomics_pub	2631394	2631435	-	5	VGAAVGAGAGNEER	14
PPUB-2316	Proteomics_pub	2631442	2631474	-	5	KPNACKDEQGR	11
PPUB-2317	Proteomics_pub	2631625	2631672	-	5	FVTDLNQPVSVYMPK	16

PPUB-2318	Proteomics_pub	2631682	2631747	-	5	NGFAGYPVVTEENELVGIITGR	22
PPUB-2319	Proteomics_pub	2631772	2631828	-	5	HESGVVTDQPQTVLPTTTLR	19
PPUB-2320	Proteomics_pub	2631772	2631831	-	5	KHESGVVTDQPQTVLPTTTLR	20
PPUB-2321	Proteomics_pub	2631841	2631876	-	5	NMSIERQAEVVR	12
PPUB-2322	Proteomics_pub	2631877	2631924	-	5	LAIALAQEGGIGFIHK	16
PPUB-2323	Proteomics_pub	2631925	2631975	-	5	LNIPMLSAAMDTVTEAR	17
PPUB-2324	Proteomics_pub	2631985	2632074	-	5	EALTDDVLLVPAHSTVLPNTADLSTQLTK	30
PPUB-2325	Proteomics_pub	2634095	2634154	-	6	YAHAGGYNPPIVVIHGNQVK	20
PPUB-2326	Proteomics_pub	2634272	2634331	-	6	VHFISALHGSGVGNLFESVR	20
PPUB-2327	Proteomics_pub	2634332	2634355	-	6	LGFIIDFAR	8
PPUB-2328	Proteomics_pub	2634332	2634382	-	6	QASDTIDYSVGFDTDMAR	17
PPUB-2329	Proteomics_pub	2634665	2634697	-	6	VVYDMPGTTR	11
PPUB-2330	Proteomics_pub	2635067	2635102	-	6	AGLMPADEAIAK	12
PPUB-2331	Proteomics_pub	2635265	2635300	-	6	DALVADFPGLTR	12
PPUB-2332	Proteomics_pub	2635499	2635525	-	6	DGTVYSITR	9
PPUB-2333	Proteomics_pub	2635544	2635591	-	6	VDSSGFQTEPVAADGK	16
PPUB-2334	Proteomics_pub	2635763	2635789	-	6	IYLVQDQNR	9
PPUB-2335	Proteomics_pub	2635790	2635831	-	6	ELGSVNDFIVDGNR	14
PPUB-2336	Proteomics_pub	2635946	2635981	-	6	ISQATGSTEIDR	12
PPUB-2337	Proteomics_pub	2636030	2636089	-	6	GESAPTTAFGAAVVGGDNGR	20
PPUB-2338	Proteomics_pub	2636090	2636128	-	6	WTVNLDMPSSLR	13
PPUB-2339	Proteomics_pub	2636291	2636356	-	6	EPALLSGGVTVSGGHVYIGSEK	22
PPUB-2340	Proteomics_pub	2636375	2636428	-	6	ALNADDGKEIWSVSLAEK	18
PPUB-2341	Proteomics_pub	2636934	2636987	-	4	AAAQLQQGLADTSDENLK	18
PPUB-2342	Proteomics_pub	2637075	2637152	-	4	SASLAYQNAVAVSEGGKPSIPAAEK	26
PPUB-2343	Proteomics_pub	2637338	2637388	-	6	SGEQTAVAQDSVAAHLR	17
PPUB-2344	Proteomics_pub	2637521	2637547	-	6	LRDELPGVK	9
PPUB-2345	Proteomics_pub	2637626	2637664	-	6	LVLLVQAVNPEFK	13
PPUB-2346	Proteomics_pub	2637665	2637703	-	6	ATPAVGFMGLER	13
PPUB-2347	Proteomics_pub	2637704	2637736	-	6	YDGLVEQLGGR	11
PPUB-2348	Proteomics_pub	2637737	2637799	-	6	TVFEWVTNSLGSQGTVCAGGR	21
PPUB-2349	Proteomics_pub	2638031	2638063	-	6	DALVAFLEQHK	11
PPUB-2350	Proteomics_pub	2638259	2638285	-	6	LWYIGPMFR	9
PPUB-2351	Proteomics_pub	2638286	2638327	-	6	AGIEHGLLYNQEQR	14
PPUB-2352	Proteomics_pub	2638328	2638378	-	6	NGDSLTLRPEGTAGCVR	17
PPUB-2353	Proteomics_pub	2638379	2638402	-	6	EMYTFEDR	8
PPUB-2354	Proteomics_pub	2638403	2638435	-	6	AIGEVDVVEK	11
PPUB-2355	Proteomics_pub	2638403	2638438	-	6	RAIGEVDVVEK	12
PPUB-2356	Proteomics_pub	2638439	2638471	-	6	LPIVEQTPLFK	11
PPUB-2357	Proteomics_pub	2638472	2638507	-	6	NVLGSYGYSEIR	12
PPUB-2358	Proteomics_pub	2638526	2638570	-	6	GMNDYLPGETAIWQR	15
PPUB-2359	Proteomics_pub	2638711	2638737	-	5	RIDVQQVEK	9
PPUB-2360	Proteomics_pub	2639002	2639037	-	5	GINFIACPTCSR	12
PPUB-2361	Proteomics_pub	2639080	2639115	-	5	VSLAADPVVEIK	12
PPUB-2362	Proteomics_pub	2639248	2639283	-	5	ASDVFLAVESYR	12
PPUB-2363	Proteomics_pub	2639398	2639427	-	5	IGVNAGSLEK	10

PPUB-2364	Proteomics_pub	2639476	2639508	-	5	INPGNIGNEER	11
PPUB-2365	Proteomics_pub	2639509	2639538	-	5	VAEYGVDCLE	10
PPUB-2366	Proteomics_pub	2639608	2639646	-	5	VSVPTMDAAEAFK	13
PPUB-2367	Proteomics_pub	2639668	2639715	-	5	TTDVEATVNQIKALER	16
PPUB-2368	Proteomics_pub	2639680	2639715	-	5	TTDVEATVNQIK	12
PPUB-2369	Proteomics_pub	2639916	2639975	-	4	IGAPAAVQIQYQGKPVLSR	20
PPUB-2370	Proteomics_pub	2639982	2640020	-	4	DGNLNLGTGQAPYK	13
PPUB-2371	Proteomics_pub	2639982	2640023	-	4	KDGNLNLGTGQAPYK	14
PPUB-2372	Proteomics_pub	2640681	2640713	-	4	APADLASTFLR	11
PPUB-2373	Proteomics_pub	2640681	2640731	-	4	DIEEDKAPADLASTFLR	17
PPUB-2374	Proteomics_pub	2640759	2640797	-	4	EQLGLSQQAVAER	13
PPUB-2375	Proteomics_pub	2640813	2640866	-	4	MNTEATHDQNEALTTGAR	18
PPUB-2376	Proteomics_pub	2641160	2641186	-	6	MQGEAIDIK	9
PPUB-2377	Proteomics_pub	2641343	2641390	-	6	INLIPWNPFGAPYGR	16
PPUB-2378	Proteomics_pub	2641643	2641684	-	6	VTLSTSGVVPALDK	14
PPUB-2379	Proteomics_pub	2641844	2641873	-	6	VSEIIGQVWR	10
PPUB-2380	Proteomics_pub	2641883	2641915	-	6	FCSTAQQGFNR	11
PPUB-2381	Proteomics_pub	2641997	2642023	-	6	WAIAVGDQR	9
PPUB-2382	Proteomics_pub	2642045	2642071	-	6	APEVVEEQR	9
PPUB-2383	Proteomics_pub	2642264	2642302	-	6	SEQLVTPENVTTK	13
PPUB-2384	Proteomics_pub	2642464	2642505	-	5	EIAYFFGEGEVCP	14
PPUB-2385	Proteomics_pub	2642506	2642574	-	5	ADYADSLTENGTHGSDSVESAAR	23
PPUB-2386	Proteomics_pub	2642575	2642625	-	5	DLLGATNPANALAGTLR	17
PPUB-2387	Proteomics_pub	2642575	2642631	-	5	HRDLLGATNPANALAGTLR	19
PPUB-2388	Proteomics_pub	2642743	2642772	-	5	MLHLTVEQAR	10
PPUB-2389	Proteomics_pub	2642809	2642835	-	5	NVIGNIFAR	9
PPUB-2390	Proteomics_pub	2642836	2642871	-	5	TFSIIPNAVAK	12
PPUB-2391	Proteomics_pub	2653124	2653171	-	6	APVEQWSAGATGLGVR	16
PPUB-2392	Proteomics_pub	2653124	2653174	-	6	KAPVEQWSAGATGLGVR	17
PPUB-2393	Proteomics_pub	2653349	2653390	-	6	LLASAAQENEPFWR	14
PPUB-2394	Proteomics_pub	2653538	2653615	-	6	AYRPGDVLTTMSGQTVEVLNTDAEGR	26
PPUB-2395	Proteomics_pub	2653538	2653573	-	6	KVEVMNTDAEGR	12
PPUB-2396	Proteomics_pub	2653583	2653606	-	6	LGDIITYR	8
PPUB-2397	Proteomics_pub	2653760	2653795	-	6	GITFDSGGYSIK	12
PPUB-2398	Proteomics_pub	2653796	2653828	-	6	EAPVYACLVGK	11
PPUB-2399	Proteomics_pub	2653958	2653993	-	6	AVDLISNVAGDR	12
PPUB-2400	Proteomics_pub	2653994	2654047	-	6	DTINAPAEELGPSQLAQR	18
PPUB-2401	Proteomics_pub	2654048	2654071	-	6	LMIIDWVR	8
PPUB-2402	Proteomics_pub	2654171	2654209	-	6	HVQLSGEGWDADR	13
PPUB-2403	Proteomics_pub	2654243	2654317	-	6	ATYSINNDGITLHLNGADDLGLIQR	25
PPUB-2404	Proteomics_pub	2654330	2654362	-	6	ITLSTQPADAR	11
PPUB-2405	Proteomics_pub	2654603	2654674	-	6	FTDMHQWICDLEDFFDDDPQASNEK	24
PPUB-2406	Proteomics_pub	2654684	2654731	-	6	EIGEALYDAYPDLDPK	16
PPUB-2407	Proteomics_pub	2654800	2654835	-	5	VTDEDLVVEIPR	12
PPUB-2408	Proteomics_pub	2654854	2654880	-	5	AWGLEPESR	9
PPUB-2409	Proteomics_pub	2654881	2654937	-	5	EGFDSLPESEQEDDMLDK	19

PPUB-2410	Proteomics_pub	2654938	2654973	-	5	SCACTTCHCIVR	12
PPUB-2411	Proteomics_pub	2655007	2655096	-	5	IVILPHQDLCPDGAVLEANSGETILDAALR	30
PPUB-2412	Proteomics_pub	2655629	2655703	-	6	HSQVFSTAEDNQSAVTIHVLQGERK	25
PPUB-2413	Proteomics_pub	2655632	2655703	-	6	HSQVFSTAEDNQSAVTIHVLQGER	24
PPUB-2414	Proteomics_pub	2655725	2655805	-	6	DVLLLDVTPLSLGIETMGGVMTLIAK	27
PPUB-2415	Proteomics_pub	2656031	2656066	-	6	EQFNELIAPLVK	12
PPUB-2416	Proteomics_pub	2656133	2656162	-	6	ELLDAAIAAK	10
PPUB-2417	Proteomics_pub	2656184	2656207	-	6	EQAGIPDR	8
PPUB-2418	Proteomics_pub	2656208	2656252	-	6	IGGDRFDEAIINYVR	15
PPUB-2419	Proteomics_pub	2656367	2656417	-	6	RIINEPTAAALAYGLDK	17
PPUB-2420	Proteomics_pub	2656697	2656744	-	6	TNAALDTANTISSVKR	16
PPUB-2421	Proteomics_pub	2656700	2656744	-	6	TNAALDTANTISSVK	15
PPUB-2422	Proteomics_pub	2656808	2656846	-	6	SGQAETLADHEGR	13
PPUB-2423	Proteomics_pub	2656904	2656954	-	6	ALLQISEPGLSAAPHQR	17
PPUB-2424	Proteomics_pub	2657403	2657453	-	4	YQLDTQALSRLFQDLQR	17
PPUB-2425	Proteomics_pub	2657421	2657453	-	4	YQLDTQALSLR	11
PPUB-2426	Proteomics_pub	2657454	2657489	-	4	MDYFTLFGPAR	12
PPUB-2427	Proteomics_pub	2657588	2657620	-	6	DECGCGESFHV	11
PPUB-2428	Proteomics_pub	2657588	2657641	-	6	FTNPNVKDECGCGESFHV	18
PPUB-2429	Proteomics_pub	2657666	2657707	-	6	SLQFLDGTQLDFVK	14
PPUB-2430	Proteomics_pub	2657873	2657905	-	6	SITLSDSAAAR	11
PPUB-2431	Proteomics_pub	2657967	2658002	-	4	IHCSILAEDAIAK	12
PPUB-2432	Proteomics_pub	2658003	2658044	-	4	NTDIAEELPPVK	14
PPUB-2433	Proteomics_pub	2658078	2658134	-	4	TYGCGSAIASSSLVTEWVK	19
PPUB-2434	Proteomics_pub	2658141	2658173	-	4	VNDEGIIEDAR	11
PPUB-2435	Proteomics_pub	2658186	2658266	-	4	NVGSFDNNDENVGSGMVGAPACGDVMK	27
PPUB-2436	Proteomics_pub	2658267	2658293	-	4	VIDHYENPR	9
PPUB-2437	Proteomics_pub	2658342	2658380	-	4	QGVDLNSIEWAHH	13
PPUB-2438	Proteomics_pub	2658381	2658410	-	4	DLSPLWEMYK	10
PPUB-2439	Proteomics_pub	2658381	2658416	-	4	LRDLSPLWEMYK	12
PPUB-2440	Proteomics_pub	2658492	2658533	-	4	ALGLNDELAHSSIR	14
PPUB-2441	Proteomics_pub	2658534	2658599	-	4	DLAVSSGSACTASASLEPSYVLR	22
PPUB-2442	Proteomics_pub	2658747	2658782	-	4	IAKEEMATEMER	12
PPUB-2443	Proteomics_pub	2658783	2658833	-	4	SGTLPVHQIVGMGEAYR	17
PPUB-2444	Proteomics_pub	2658843	2658878	-	4	IEAQMHGGGHER	12
PPUB-2445	Proteomics_pub	2658843	2658884	-	4	VRIEAQMHGGGHER	14
PPUB-2446	Proteomics_pub	2658936	2658965	-	4	VDLMSFSGHK	10
PPUB-2447	Proteomics_pub	2658966	2659034	-	4	GIIYHVDATQSVGKLPIDLSQLK	23
PPUB-2448	Proteomics_pub	2658966	2658992	-	4	LPIDLSQLK	9
PPUB-2449	Proteomics_pub	2658993	2659034	-	4	GIIYHVDATQSVGK	14
PPUB-2450	Proteomics_pub	2659170	2659205	-	4	EGFEVTYLAPQR	12
PPUB-2451	Proteomics_pub	2659278	2659301	-	4	GAANFYQK	8
PPUB-2452	Proteomics_pub	2659353	2659388	-	4	NQIADLVGADPR	12
PPUB-2453	Proteomics_pub	2659389	2659427	-	4	FGWQAEAEVDIAR	13
PPUB-2454	Proteomics_pub	2659437	2659487	-	4	MMQFMTMDGTFGNPASR	17
PPUB-2455	Proteomics_pub	2659500	2659547	-	4	LPIYLDYSATTPVDPR	16

PPUB-2456	Proteomics_pub	2659500	2659553	-	4	MKLPYLDYSATTPVDPR	18
PPUB-2457	Proteomics_pub	2659881	2659946	-	4	DASSIAVGEVISAVDESVDATR	22
PPUB-2458	Proteomics_pub	2659947	2659976	-	4	GPGGGYLLGK	10
PPUB-2459	Proteomics_pub	2660010	2660051	-	4	QGISLSYLEQLFSR	14
PPUB-2460	Proteomics_pub	2660623	2660655	-	5	GILASIEQQNK	11
PPUB-2461	Proteomics_pub	2660656	2660691	-	5	ARPESQELNLR	12
PPUB-2462	Proteomics_pub	2660965	2660994	-	5	VGLTNEELQK	10
PPUB-2463	Proteomics_pub	2660995	2661048	-	5	SVAEAANTPVALVFRER	18
PPUB-2464	Proteomics_pub	2661001	2661048	-	5	SVAEAANTPVALVFR	16
PPUB-2465	Proteomics_pub	2661277	2661327	-	5	IVLVETSHTGNMGSVAR	17
PPUB-2466	Proteomics_pub	2673013	2673054	-	5	ADVVLDCDNDMATR	14
PPUB-2467	Proteomics_pub	2682279	2682314	-	4	VLDICARYPVYA	12
PPUB-2468	Proteomics_pub	2682327	2682389	-	4	ELAGWMCDVLDSDINDEAVIER	21
PPUB-2469	Proteomics_pub	2682441	2682491	-	4	NSVPNDPKSPFVTSGIR	17
PPUB-2470	Proteomics_pub	2682441	2682467	-	4	SPFVTSGIR	9
PPUB-2471	Proteomics_pub	2682468	2682491	-	4	NSVPNDPK	8
PPUB-2472	Proteomics_pub	2682513	2682551	-	4	NLTGKEADAALGR	13
PPUB-2473	Proteomics_pub	2682552	2682605	-	4	VVSGGTDNHLFLVLDLVDK	18
PPUB-2474	Proteomics_pub	2682606	2682641	-	4	AMVEVFLERGYK	12
PPUB-2475	Proteomics_pub	2682615	2682641	-	4	AMVEVFLER	9
PPUB-2476	Proteomics_pub	2682675	2682698	-	4	EAMEPEFK	8
PPUB-2477	Proteomics_pub	2682714	2682779	-	4	KLNSAVFPGGQGGPLMHVIAGK	22
PPUB-2478	Proteomics_pub	2682714	2682776	-	4	LNSAVFPGGQGGPLMHVIAGK	21
PPUB-2479	Proteomics_pub	2682777	2682803	-	4	GGSEELYKK	9
PPUB-2480	Proteomics_pub	2682975	2683025	-	4	MIIGGFSAYSGVVDWAK	17
PPUB-2481	Proteomics_pub	2683050	2683115	-	4	LYNIVPYGIDATGHIDYADLEK	22
PPUB-2482	Proteomics_pub	2683287	2683340	-	4	YYGGCEYVDIVEQLAIDR	18
PPUB-2483	Proteomics_pub	2683341	2683367	-	4	YAEGYPGKR	9
PPUB-2484	Proteomics_pub	2683344	2683367	-	4	YAEGYPGK	8
PPUB-2485	Proteomics_pub	2683368	2683403	-	4	VMQAQGSQTLNK	12
PPUB-2486	Proteomics_pub	2683404	2683454	-	4	QEEHIELIASENYTSR	17
PPUB-2487	Proteomics_pub	2683404	2683460	-	4	VRQEEHIELIASENYTSR	19
PPUB-2488	Proteomics_pub	2683461	2683517	-	4	EMNIADYDAELWQAMEQEK	19
PPUB-2489	Proteomics_pub	2683461	2683520	-	4	REMNIADYDAELWQAMEQEK	20
PPUB-2490	Proteomics_pub	2685095	2685127	-	6	IRTGEEDDAI	11
PPUB-2491	Proteomics_pub	2685194	2685250	-	6	IEIIVPDDIVDTCVDTIIR	19
PPUB-2492	Proteomics_pub	2685257	2685289	-	6	GAEYMVDFLPK	11
PPUB-2493	Proteomics_pub	2689921	2689953	-	5	DAAHLAALLESK	11
PPUB-2494	Proteomics_pub	2689966	2690061	-	5	FSLVEVTQSPSLLLQGMVGSQMPIAVSHGEGR	32
PPUB-2495	Proteomics_pub	2690329	2690379	-	5	AGFDAIDVHMSDLLTGR	17
PPUB-2496	Proteomics_pub	2690443	2690505	-	5	LSFDINEDVAAPYIATGARPK	21
PPUB-2497	Proteomics_pub	2690506	2690538	-	5	SNDADPGLNVK	11
PPUB-2498	Proteomics_pub	2690539	2690583	-	5	LRDNPECADQEHQAK	15
PPUB-2499	Proteomics_pub	2690935	2690973	-	5	GFYDAIQALVAQR	13
PPUB-2500	Proteomics_pub	2691022	2691066	-	5	GNNALGATALAQVYR	15
PPUB-2501	Proteomics_pub	2691145	2691189	-	5	EMTSPLSLVISAFAR	15

PPUB-2502	Proteomics_pub	2691238	2691291	-	5	AVGEELCPALGLTIPVGK	18
PPUB-2503	Proteomics_pub	2691292	2691360	-	5	LSANWMAAAGHPGEDAGLYEAVK	23
PPUB-2504	Proteomics_pub	2691367	2691426	-	5	LAVGEALTNIAATQIGDIKR	20
PPUB-2505	Proteomics_pub	2691370	2691426	-	5	LAVGEALTNIAATQIGDIK	19
PPUB-2506	Proteomics_pub	2691427	2691465	-	5	APVALLDFAASAR	13
PPUB-2507	Proteomics_pub	2691592	2691618	-	5	TFLVTIGDR	9
PPUB-2508	Proteomics_pub	2691652	2691681	-	5	EGITIADAVK	10
PPUB-2509	Proteomics_pub	2691742	2691792	-	5	HFDNQPIDLPLDVLLGK	17
PPUB-2510	Proteomics_pub	2691862	2691915	-	5	YVLAVAADQLPLFDELCK	18
PPUB-2511	Proteomics_pub	2691916	2691981	-	5	EILSDEPGMSPLEIWCNESQER	22
PPUB-2512	Proteomics_pub	2692303	2692350	-	5	GYHKPIMLAGGIGNIR	16
PPUB-2513	Proteomics_pub	2692351	2692380	-	5	VNSHNGEELR	10
PPUB-2514	Proteomics_pub	2692492	2692542	-	5	IPGFQWEEEDFGKPER	17
PPUB-2515	Proteomics_pub	2692543	2692578	-	5	AGLVGFSVSNLR	12
PPUB-2516	Proteomics_pub	2692690	2692728	-	5	YDFHQEPAHILMK	13
PPUB-2517	Proteomics_pub	2692729	2692755	-	5	YFADHETGR	9
PPUB-2518	Proteomics_pub	2692756	2692794	-	5	DNAAVMEGSEVGR	13
PPUB-2519	Proteomics_pub	2692795	2692839	-	5	NTFETTPDHVLSAYK	15
PPUB-2520	Proteomics_pub	2692861	2692905	-	5	IFNADWVIDGEQQPK	15
PPUB-2521	Proteomics_pub	2693035	2693061	-	5	QALIDANLR	9
PPUB-2522	Proteomics_pub	2693164	2693241	-	5	GVAYYIEAGTLTNEQWQQVTAELHDR	26
PPUB-2523	Proteomics_pub	2693251	2693295	-	5	ATDIAHNCGLQQVNR	15
PPUB-2524	Proteomics_pub	2693521	2693547	-	5	GSPALSAFR	9
PPUB-2525	Proteomics_pub	2699149	2699187	-	5	VNAGHGLTYHNVK	13
PPUB-2526	Proteomics_pub	2699188	2699220	-	5	AATFAASLGLK	11
PPUB-2527	Proteomics_pub	2699230	2699262	-	5	TDAEQAQELAR	11
PPUB-2528	Proteomics_pub	2699413	2699457	-	5	QEVTTGGLDVAGQR	15
PPUB-2529	Proteomics_pub	2699413	2699460	-	5	RQEVTTGGLDVAGQR	16
PPUB-2530	Proteomics_pub	2699701	2699748	-	5	AELLGVNIDHIATLR	16
PPUB-2531	Proteomics_pub	2701657	2701683	-	5	LILNWFYQTR	9
PPUB-2532	Proteomics_pub	2701828	2701854	-	5	GNTLAELAR	9
PPUB-2533	Proteomics_pub	2702062	2702085	-	5	MNPVIVNR	8
PPUB-2534	Proteomics_pub	2703644	2703673	-	6	VDALALITHR	10
PPUB-2535	Proteomics_pub	2703674	2703700	-	6	VDVLINGER	9
PPUB-2536	Proteomics_pub	2703728	2703757	-	6	GYASLDYNFK	10
PPUB-2537	Proteomics_pub	2703947	2703979	-	6	LPAVNNIYELR	11
PPUB-2538	Proteomics_pub	2703980	2704009	-	6	EVIYVDSPSK	10
PPUB-2539	Proteomics_pub	2704130	2704198	-	6	LSLNDASLFYEPESSSALGFGFR	23
PPUB-2540	Proteomics_pub	2704214	2704276	-	6	VKPQVYAGLFPVSSDDYEAFR	21
PPUB-2541	Proteomics_pub	2704313	2704357	-	6	DIHGAPVGDTLTLAR	15
PPUB-2542	Proteomics_pub	2704358	2704393	-	6	CGEVGWLVCAIK	12
PPUB-2543	Proteomics_pub	2704439	2704474	-	6	VMSTGQTYNADR	12
PPUB-2544	Proteomics_pub	2704622	2704654	-	6	TGVGVQDVLER	11
PPUB-2545	Proteomics_pub	2704721	2704750	-	6	IDLPAADPER	10
PPUB-2546	Proteomics_pub	2704877	2704930	-	6	INIIDTPGHVDFFTIEVER	18
PPUB-2547	Proteomics_pub	2704877	2704954	-	6	ASDGETYQLNFIDTPGHVDFSIEVSR	26

PPUB-2548	Proteomics_pub	2704877	2704930	-	6	INIVDTPGHADFGGEVER	18
PPUB-2549	Proteomics_pub	2704955	2704981	-	6	AQSVTLDYK	9
PPUB-2550	Proteomics_pub	2705096	2705131	-	6	NFSIIAHIDHGK	12
PPUB-2551	Proteomics_pub	2705096	2705131	-	6	NIAIIAHVDHGK	12
PPUB-2552	Proteomics_pub	2706378	2706413	-	4	LSPYYDFISVGR	12
PPUB-2553	Proteomics_pub	2707996	2708031	-	5	SEQLTDQVLVER	12
PPUB-2554	Proteomics_pub	2714124	2714153	-	4	FNSLTPEQQR	10
PPUB-2555	Proteomics_pub	2714175	2714207	-	4	HPEKYPQLTIR	11
PPUB-2556	Proteomics_pub	2714175	2714231	-	4	EMLLDAMENPEKYPQLTIR	19
PPUB-2557	Proteomics_pub	2714196	2714231	-	4	ETLEDAVKHPEK	12
PPUB-2558	Proteomics_pub	2714208	2714234	-	4	RETLEDAVK	9
PPUB-2559	Proteomics_pub	2714232	2714273	-	4	VEGGQHNLNVNVLRR	14
PPUB-2560	Proteomics_pub	2714235	2714273	-	4	VEGGQHNLNVNVLRR	13
PPUB-2561	Proteomics_pub	2714274	2714306	-	4	EVPVEVKPEVR	11
PPUB-2562	Proteomics_pub	2714328	2714366	-	4	AGYAEDEVVAVSK	13
PPUB-2563	Proteomics_pub	2714382	2714444	-	4	AANDDLLNSFWLLDSEKGEAR	21
PPUB-2564	Proteomics_pub	2714394	2714444	-	4	AANDDLLNSFWLLDSEK	17
PPUB-2565	Proteomics_pub	2714394	2714471	-	4	MITGIQITKAANDDLLNSFWLLDSEK	26
PPUB-2566	Proteomics_pub	2714445	2714471	-	4	MITGIQITK	9
PPUB-2567	Proteomics_pub	2715696	2715752	-	4	QAGYTVVTTSSSEQGKPLFK	19
PPUB-2568	Proteomics_pub	2716059	2716094	-	4	AYHVVDDEAELTK	12
PPUB-2569	Proteomics_pub	2716134	2716163	-	4	AWFIQSVTPR	10
PPUB-2570	Proteomics_pub	2716164	2716223	-	4	VYGENACQALFQSRPEAIVR	20
PPUB-2571	Proteomics_pub	2716245	2716274	-	4	SFIDPEVLRR	10
PPUB-2572	Proteomics_pub	2722659	2722685	-	4	AEMFPAQVR	9
PPUB-2573	Proteomics_pub	2723088	2723120	-	4	QLDETSQQETR	11
PPUB-2574	Proteomics_pub	2723736	2723765	-	4	AESTVTADSK	10
PPUB-2575	Proteomics_pub	2729739	2729792	-	4	LLENGYDPVYGARPLKR	18
PPUB-2576	Proteomics_pub	2729793	2729828	-	4	GYEIHISDEALK	12
PPUB-2577	Proteomics_pub	2729928	2729981	-	4	ELVLGVVSHNFRPEFINR	18
PPUB-2578	Proteomics_pub	2729982	2730011	-	4	FGELDYAHMK	10
PPUB-2579	Proteomics_pub	2730081	2730152	-	4	AHPDVFNILLQVLDDGRLTDGQGR	24
PPUB-2580	Proteomics_pub	2730102	2730152	-	4	AHPDVFNILLQVLDDGR	17
PPUB-2581	Proteomics_pub	2730153	2730191	-	4	RPYSVILLDEVEK	13
PPUB-2582	Proteomics_pub	2730153	2730194	-	4	RRPYSVILLDEVEK	14
PPUB-2583	Proteomics_pub	2730363	2730431	-	4	AGLADPNRPIGSFLFLGPTGVGK	23
PPUB-2584	Proteomics_pub	2730363	2730398	-	4	NILMIGPTGVGK	12
PPUB-2585	Proteomics_pub	2730438	2730488	-	4	VIGQNEAVDAVSNAIRR	17
PPUB-2586	Proteomics_pub	2730441	2730488	-	4	VIGQNEAVDAVSNAIR	16
PPUB-2587	Proteomics_pub	2730489	2730512	-	4	MEQELHHR	8
PPUB-2588	Proteomics_pub	2730546	2730569	-	4	WTGIPVSR	8
PPUB-2589	Proteomics_pub	2730570	2730611	-	4	NKVTDAEIAEVLAR	14
PPUB-2590	Proteomics_pub	2730570	2730605	-	4	VTDAEIAEVLAR	12
PPUB-2591	Proteomics_pub	2730630	2730662	-	4	QLEAATQLEGK	11
PPUB-2592	Proteomics_pub	2730768	2730797	-	4	ASLSGTQTIK	10
PPUB-2593	Proteomics_pub	2730807	2730842	-	4	ERQYSELEEEWK	12

PPUB-2594	Proteomics_pub	2730807	2730836	-	4	QYSELEEEWK	10
PPUB-2595	Proteomics_pub	2730843	2730878	-	4	RLDMLNEELSDK	12
PPUB-2596	Proteomics_pub	2730954	2730989	-	4	MQIDSKPEELDR	12
PPUB-2597	Proteomics_pub	2730990	2731028	-	4	AIDLIDEAASSIR	13
PPUB-2598	Proteomics_pub	2731143	2731190	-	4	VFVAEPSVEDTIAILR	16
PPUB-2599	Proteomics_pub	2731236	2731280	-	4	GELHCVGATTLDEYR	15
PPUB-2600	Proteomics_pub	2731281	2731331	-	4	ADGAMDAGNMLKPALAR	17
PPUB-2601	Proteomics_pub	2731446	2731490	-	4	RVLALDMGALVAGAK	15
PPUB-2602	Proteomics_pub	2731446	2731487	-	4	VLALDMGALVAGAK	14
PPUB-2603	Proteomics_pub	2731497	2731529	-	4	IINGEVPEGLK	11
PPUB-2604	Proteomics_pub	2731530	2731559	-	4	TAIVEGLAQR	10
PPUB-2605	Proteomics_pub	2731560	2731598	-	4	NNPVLIGEPGVGK	13
PPUB-2606	Proteomics_pub	2731560	2731604	-	4	TKNNPVLIGEPGVGK	15
PPUB-2607	Proteomics_pub	2731683	2731709	-	4	KYTIDLTER	9
PPUB-2608	Proteomics_pub	2731683	2731706	-	4	YTIDLTER	8
PPUB-2609	Proteomics_pub	2731722	2731763	-	4	GGESVNDQGAEDQR	14
PPUB-2610	Proteomics_pub	2731764	2731814	-	4	AAGATTANITQAIEQMR	17
PPUB-2611	Proteomics_pub	2731929	2731985	-	4	LPQVEGTGGDVQPSQDLVR	19
PPUB-2612	Proteomics_pub	2731929	2732012	-	4	TDINQALNRLPQVEGTGGDVQPSQDLVR	28
PPUB-2613	Proteomics_pub	2731986	2732012	-	4	TDINQALNR	9
PPUB-2614	Proteomics_pub	2732412	2732453	-	4	LANVGVEQIFGGDR	14
PPUB-2615	Proteomics_pub	2732460	2732489	-	4	YLADIYQLAR	10
PPUB-2616	Proteomics_pub	2732523	2732549	-	4	EAFMAVDAK	9
PPUB-2617	Proteomics_pub	2732550	2732576	-	4	AFEVGGEVR	9
PPUB-2618	Proteomics_pub	2732991	2733017	-	4	GVAACSSTR	9
PPUB-2619	Proteomics_pub	2733584	2733622	-	6	LDRDTSGVLLVAK	13
PPUB-2620	Proteomics_pub	2733977	2734021	-	6	VQLTATVSENQLGQR	15
PPUB-2621	Proteomics_pub	2738351	2738404	-	6	AGLPAQVMIDFSHANSSK	18
PPUB-2622	Proteomics_pub	2738612	2738650	-	6	ELASGLSCPVGFK	13
PPUB-2623	Proteomics_pub	2738798	2738854	-	6	GLINDPHMDNSFQINDGLR	19
PPUB-2624	Proteomics_pub	2742289	2742336	-	5	VFQTHSPVVDSISVKR	16
PPUB-2625	Proteomics_pub	2742292	2742336	-	5	VFQTHSPVVDSISVK	15
PPUB-2626	Proteomics_pub	2742337	2742363	-	5	ISNGEGVER	9
PPUB-2627	Proteomics_pub	2742337	2742366	-	5	KISNGEGVER	10
PPUB-2628	Proteomics_pub	2742364	2742393	-	5	GLHSAFTVRK	10
PPUB-2629	Proteomics_pub	2742367	2742393	-	5	GLHSAFTVR	9
PPUB-2630	Proteomics_pub	2742367	2742399	-	5	NRGLHSAFTVR	11
PPUB-2631	Proteomics_pub	2742400	2742435	-	5	LQAFEGVVIAIR	12
PPUB-2632	Proteomics_pub	2742400	2742438	-	5	RLQAFEGVVIAIR	13
PPUB-2633	Proteomics_pub	2742439	2742465	-	5	VWVVEGSKK	9
PPUB-2634	Proteomics_pub	2742466	2742510	-	5	QDVPSFRPGDTVEVK	15
PPUB-2635	Proteomics_pub	2742657	2742704	-	4	RPELLENLALTEEQAR	16
PPUB-2636	Proteomics_pub	2743041	2743085	-	4	KLDQAGVSELATNQK	15
PPUB-2637	Proteomics_pub	2743086	2743112	-	4	VIYLSQPGR	9
PPUB-2638	Proteomics_pub	2743446	2743478	-	4	LVPFLDGQVIK	11
PPUB-2639	Proteomics_pub	2743563	2743613	-	4	DLMGCQVVTTEGYDLGK	17

PPUB-2640	Proteomics_pub	2743722	2743748	-	4	HHNQDMIK	9
PPUB-2641	Proteomics_pub	2743749	2743787	-	4	AGQWQQVQLESWK	13
PPUB-2642	Proteomics_pub	2743887	2743931	-	4	QLTAQAPVDPIVLGK	15
PPUB-2643	Proteomics_pub	2743998	2744039	-	4	IAHWVQGQATISDR	14
PPUB-2644	Proteomics_pub	2744040	2744069	-	4	EEGTRLDLDR	10
PPUB-2645	Proteomics_pub	2744055	2744102	-	4	VGFFNPIASEKEEGTR	16
PPUB-2646	Proteomics_pub	2744070	2744102	-	4	VGFFNPIASEK	11
PPUB-2647	Proteomics_pub	2744133	2744171	-	4	KRPFYQVVVADSR	13
PPUB-2648	Proteomics_pub	2744133	2744168	-	4	RPFYQVVVADSR	12
PPUB-2649	Proteomics_pub	2744801	2744845	-	6	KGDGFDLNDLFLEQLR	15
PPUB-2650	Proteomics_pub	2744888	2744938	-	6	ILGMDVLSLIEDIESK	17
PPUB-2651	Proteomics_pub	2745071	2745115	-	6	AFNEALPLTGVVLTG	15
PPUB-2652	Proteomics_pub	2745236	2745271	-	6	FYDVLLVDTAGR	12
PPUB-2653	Proteomics_pub	2745380	2745424	-	6	VLVVSADVYPAAIK	15
PPUB-2654	Proteomics_pub	2745590	2745619	-	6	SLTPGQEFVK	10
PPUB-2655	Proteomics_pub	2745671	2745712	-	6	MALLEADVALPVVR	14
PPUB-2656	Proteomics_pub	2748347	2748397	-	6	ANPDMSAMVEGIELTLK	17
PPUB-2657	Proteomics_pub	2748419	2748460	-	6	FINELLPVIDSLDR	14
PPUB-2658	Proteomics_pub	2748512	2748538	-	6	VKAEMENLR	9
PPUB-2659	Proteomics_pub	2748560	2748601	-	6	VANLEAQLAEQTR	14
PPUB-2660	Proteomics_pub	2748611	2748709	-	6	TPEGQAPEEIIIMDQHEEIEAVEPEASAEQVDPR	33
PPUB-2661	Proteomics_pub	2794473	2794502	-	4	SGDTLSAISK	10
PPUB-2662	Proteomics_pub	2794503	2794544	-	4	TATPATASQFYTVK	14
PPUB-2663	Proteomics_pub	2794608	2794646	-	4	ATVTGDGLSQEAK	13
PPUB-2664	Proteomics_pub	2794647	2794697	-	4	TGIPDADKVNIIQIADGK	17
PPUB-2665	Proteomics_pub	2794647	2794673	-	4	VNIQIADGK	9
PPUB-2666	Proteomics_pub	2796137	2796175	-	6	TPKPIAQALAEKG	13
PPUB-2667	Proteomics_pub	2796197	2796223	-	6	FTDVNGETK	9
PPUB-2668	Proteomics_pub	2796263	2796319	-	6	ADGINPEELGNSSAAAPR	19
PPUB-2669	Proteomics_pub	2796320	2796346	-	6	ISTWLELMK	9
PPUB-2670	Proteomics_pub	2796422	2796460	-	6	EFSDVLEEMLEK	13
PPUB-2671	Proteomics_pub	2796482	2796514	-	6	SVMLQSLNNIR	11
PPUB-2672	Proteomics_pub	2812267	2812299	-	5	INSNEELALPK	11
PPUB-2673	Proteomics_pub	2812459	2812503	-	5	TGFYMSLIGTPDEQR	15
PPUB-2674	Proteomics_pub	2812504	2812560	-	5	NHLNGNGVEIIDISPMGCR	19
PPUB-2675	Proteomics_pub	2812561	2812602	-	5	GIHTLEHLFAGFMR	14
PPUB-2676	Proteomics_pub	2812639	2812686	-	5	TMNTPHGDAITVFDLR	16
PPUB-2677	Proteomics_pub	2812717	2812752	-	5	PLLDSTVDHTR	12
PPUB-2678	Proteomics_pub	2813067	2813102	-	4	SMIDTGIGGTGK	12
PPUB-2679	Proteomics_pub	2813169	2813216	-	4	VAQTLDSINGGEAYQK	16
PPUB-2680	Proteomics_pub	2813472	2813498	-	4	GGIEYIEVR	9
PPUB-2681	Proteomics_pub	2813730	2813756	-	4	LSDLGYTNK	9
PPUB-2682	Proteomics_pub	2817019	2817054	-	5	EVSVHREEIYQR	12
PPUB-2683	Proteomics_pub	2817430	2817507	-	5	GGGRPDMAQAGGTDAAALPAALASVK	26
PPUB-2684	Proteomics_pub	2817508	2817552	-	5	AGELIGMVAQQVGGK	15
PPUB-2685	Proteomics_pub	2817682	2817717	-	5	LLVSELSGVEPK	12

PPUB-2686	Proteomics_pub	2817742	2817801	-	5	ELQQLKEQAAAQESANLSSK	20
PPUB-2687	Proteomics_pub	2817742	2817783	-	5	EQAAAQESANLSSK	14
PPUB-2688	Proteomics_pub	2817835	2817867	-	5	GDSNNLADKVR	11
PPUB-2689	Proteomics_pub	2817868	2817894	-	5	LSEVAHLLK	9
PPUB-2690	Proteomics_pub	2817895	2817954	-	5	RIEAVTGEGAIATVHADSDR	20
PPUB-2691	Proteomics_pub	2817955	2817990	-	5	IIESGTAAGVR	12
PPUB-2692	Proteomics_pub	2817991	2818014	-	5	TGDIGLFR	8
PPUB-2693	Proteomics_pub	2818015	2818071	-	5	VLSMGDFSTELCGGTHASR	19
PPUB-2694	Proteomics_pub	2818078	2818116	-	5	GAMALFGEKYDER	13
PPUB-2695	Proteomics_pub	2818090	2818116	-	5	GAMALFGEK	9
PPUB-2696	Proteomics_pub	2818123	2818167	-	5	NLPIETNIMDLEAAK	15
PPUB-2697	Proteomics_pub	2818168	2818203	-	5	AVEDLVNTQIRR	12
PPUB-2698	Proteomics_pub	2818171	2818203	-	5	AVEDLVNTQIR	11
PPUB-2699	Proteomics_pub	2818204	2818248	-	5	FDFSHNEAMKPEEIR	15
PPUB-2700	Proteomics_pub	2818279	2818308	-	5	QVLGTHVSQK	10
PPUB-2701	Proteomics_pub	2818363	2818404	-	5	VGDAVQADVDEARR	14
PPUB-2702	Proteomics_pub	2818366	2818404	-	5	VGDAVQADVDEAR	13
PPUB-2703	Proteomics_pub	2818426	2818455	-	5	YGQAIGHIGK	10
PPUB-2704	Proteomics_pub	2818456	2818494	-	5	GANFSFAVEDTQK	13
PPUB-2705	Proteomics_pub	2818495	2818599	-	5	AVDAINAGQEAVVVLDTQTPFYAESGGQVGDKGELK	35
PPUB-2706	Proteomics_pub	2818507	2818599	-	5	AVDAINAGQEAVVVLDTQTPFYAESGGQVGDK	31
PPUB-2707	Proteomics_pub	2818600	2818626	-	5	VTALFVDGK	9
PPUB-2708	Proteomics_pub	2818627	2818656	-	5	GYDHLELNGK	10
PPUB-2709	Proteomics_pub	2818627	2818680	-	5	VDSASEFKGYDHLELNGK	18
PPUB-2710	Proteomics_pub	2818681	2818722	-	5	EASGFGADYNAMIR	14
PPUB-2711	Proteomics_pub	2818735	2818776	-	5	VDEAGFEAAMEEQR	14
PPUB-2712	Proteomics_pub	2818792	2818842	-	5	LYDTYGFVDTLADVCR	17
PPUB-2713	Proteomics_pub	2818843	2818881	-	5	LSGDTLDGETAFR	13
PPUB-2714	Proteomics_pub	2818882	2818914	-	5	GLALLDEELAK	11
PPUB-2715	Proteomics_pub	2818951	2818980	-	5	QQAQVEQVLK	10
PPUB-2716	Proteomics_pub	2818951	2818983	-	5	RQAQVEQVLK	11
PPUB-2717	Proteomics_pub	2818981	2819034	-	5	LVGPLIDVMGSAGEDLKR	18
PPUB-2718	Proteomics_pub	2819053	2819076	-	5	HGNMLGAK	8
PPUB-2719	Proteomics_pub	2819197	2819226	-	5	VTGATDLSNK	10
PPUB-2720	Proteomics_pub	2819251	2819304	-	5	IAAVLQHVNSNYDIDLFR	18
PPUB-2721	Proteomics_pub	2819305	2819370	-	5	QADGTMEPLPKPSVDTGMGLER	22
PPUB-2722	Proteomics_pub	2819722	2819775	-	5	HHTFFEMLGNFSFGDYFK	18
PPUB-2723	Proteomics_pub	2819776	2819811	-	5	HNDLENVGYTAR	12
PPUB-2724	Proteomics_pub	2819863	2819889	-	5	DVFLGLDKR	9
PPUB-2725	Proteomics_pub	2819866	2819889	-	5	DVFLGLDK	8
PPUB-2726	Proteomics_pub	2819977	2820006	-	5	QAFLDFFHSK	10
PPUB-2727	Proteomics_pub	2820859	2820882	-	5	ANATAWLK	8
PPUB-2728	Proteomics_pub	2820907	2820930	-	5	AGAWYSYK	8
PPUB-2729	Proteomics_pub	2821060	2821092	-	5	EGENVVGSETR	11
PPUB-2730	Proteomics_pub	2821141	2821194	-	5	IGVMFGNPETTTGGNALK	18
PPUB-2731	Proteomics_pub	2821282	2821332	-	5	AEIEGEIGDSHMGLAAR	17

PPUB-2732	Proteomics_pub	2821474	2821524	-	5	TCAFIDAEHALDPIYAR	17
PPUB-2733	Proteomics_pub	2821573	2821608	-	5	IVEIYGPESSGK	12
PPUB-2734	Proteomics_pub	2821720	2821764	-	5	ALAAALGQIEKQFGK	15
PPUB-2735	Proteomics_pub	2821732	2821764	-	5	ALAAALGQIEK	11
PPUB-2736	Proteomics_pub	2865187	2865237	-	5	GLQFLDLIQEGNIGLMK	17
PPUB-2737	Proteomics_pub	2865702	2865740	-	4	IATMGSTGTSSTR	13
PPUB-2738	Proteomics_pub	2865825	2865851	-	4	GYGNLIIEK	9
PPUB-2739	Proteomics_pub	2865852	2865878	-	4	VVYAGNALR	9
PPUB-2740	Proteomics_pub	2865879	2865911	-	4	GQAIATADGR	11
PPUB-2741	Proteomics_pub	2865936	2865974	-	4	VIETFGASEGGNK	13
PPUB-2742	Proteomics_pub	2868697	2868729	-	5	SALFNQIVAER	11
PPUB-2743	Proteomics_pub	2868769	2868795	-	5	WAQTNTPVR	9
PPUB-2744	Proteomics_pub	2868796	2868834	-	5	FGIGGSNLQGAQR	13
PPUB-2745	Proteomics_pub	2868835	2868864	-	5	GVPNYFGAQR	10
PPUB-2746	Proteomics_pub	2868919	2868945	-	5	GNAFTLVLR	9
PPUB-2747	Proteomics_pub	2870099	2870128	-	6	TGGILAAPVR	10
PPUB-2748	Proteomics_pub	2872995	2873075	-	4	NMITGAAQMDGAILVVAATDGPMPQTR	27
PPUB-2749	Proteomics_pub	2895977	2896024	-	6	ILNTSSVIPVDGLCVR	16
PPUB-2750	Proteomics_pub	2902889	2902948	-	6	VRDIEALDELLATLTDDKPR	20
PPUB-2751	Proteomics_pub	2902979	2903014	-	6	GGYEVLSQALER	12
PPUB-2752	Proteomics_pub	2903261	2903302	-	6	LEDREVSLSILAK	14
PPUB-2753	Proteomics_pub	2904689	2904730	-	6	IEEALGEKAPYNGR	14
PPUB-2754	Proteomics_pub	2904785	2904850	-	6	SGETEDATIADLAVGTAAGQIK	22
PPUB-2755	Proteomics_pub	2904851	2904883	-	6	DAGYTAVISHR	11
PPUB-2756	Proteomics_pub	2904851	2904892	-	6	MAKDAGYTAVISHR	14
PPUB-2757	Proteomics_pub	2904893	2904937	-	6	FNQIGSLTETLAAIK	15
PPUB-2758	Proteomics_pub	2904989	2905030	-	6	IQLVGDDLFTNTK	14
PPUB-2759	Proteomics_pub	2904989	2905045	-	6	VLGDKIQLVGDDLFTNTK	19
PPUB-2760	Proteomics_pub	2905046	2905117	-	6	QYPIVSIEDGLDESDWDGFAYQTK	24
PPUB-2761	Proteomics_pub	2905118	2905165	-	6	AFTSEEFTHFLEELTK	16
PPUB-2762	Proteomics_pub	2905166	2905201	-	6	DGKYVLAGEGKN	12
PPUB-2763	Proteomics_pub	2905166	2905192	-	6	YVLAGEGKN	9
PPUB-2764	Proteomics_pub	2905202	2905246	-	6	DITLAMDCASEFYK	15
PPUB-2765	Proteomics_pub	2905271	2905363	-	6	GMNTAVGDEGGYAPNLGSNAEALAVIAEAVK	31
PPUB-2766	Proteomics_pub	2905379	2905411	-	6	MGSEVFHHLAK	11
PPUB-2767	Proteomics_pub	2905433	2905534	-	6	YSMPVPMMNIIINGGEHADNNVDIQEFMIQPVGAK	34
PPUB-2768	Proteomics_pub	2905535	2905585	-	6	GMPLYEHIAELNGTPGK	17
PPUB-2769	Proteomics_pub	2905604	2905648	-	6	FGANAILAVSLANAK	15
PPUB-2770	Proteomics_pub	2905604	2905654	-	6	SKFGANAILAVSLANAK	17
PPUB-2771	Proteomics_pub	2905655	2905708	-	6	DQAGIDKIMIDLGTENK	18
PPUB-2772	Proteomics_pub	2905655	2905687	-	6	IMIDLGTENK	11
PPUB-2773	Proteomics_pub	2905688	2905717	-	6	DAKDQAGIDK	10
PPUB-2774	Proteomics_pub	2905709	2905765	-	6	AVAAVNGPIAQALIGKDAK	19
PPUB-2775	Proteomics_pub	2905718	2905765	-	6	AVAAVNGPIAQALIGK	16
PPUB-2776	Proteomics_pub	2905796	2905825	-	6	EALELRDGDK	10
PPUB-2777	Proteomics_pub	2905916	2905945	-	6	IIGREIIDS	10

PPUB-2778	Proteomics_pub	2906087	2906119	-	6	DGHPLFAGFVK	11
PPUB-2779	Proteomics_pub	2906120	2906215	-	6	SGDDQLVEIIEVNPVWVACQFHPEFTSTPR	32
PPUB-2780	Proteomics_pub	2906252	2906284	-	6	HRYEVNNMLLK	11
PPUB-2781	Proteomics_pub	2906252	2906278	-	6	YEVNNMLLK	9
PPUB-2782	Proteomics_pub	2906291	2906323	-	6	QLYNAPTIVER	11
PPUB-2783	Proteomics_pub	2906324	2906368	-	6	LGAQQCQLVDDSLVR	15
PPUB-2784	Proteomics_pub	2906369	2906392	-	6	SDLGGTMR	8
PPUB-2785	Proteomics_pub	2906402	2906428	-	6	DENGNVEVR	9
PPUB-2786	Proteomics_pub	2906462	2906515	-	6	HVANMENANSTEFVPDCK	18
PPUB-2787	Proteomics_pub	2906591	2906620	-	6	GVEGMITTAR	10
PPUB-2788	Proteomics_pub	2906621	2906662	-	6	GLDAILVPGGFGYR	14
PPUB-2789	Proteomics_pub	2906681	2906710	-	6	LIDSQDVETR	10
PPUB-2790	Proteomics_pub	2906771	2906797	-	6	YIELPDAYK	9
PPUB-2791	Proteomics_pub	2906900	2906932	-	6	SQGLDDYICKR	11
PPUB-2792	Proteomics_pub	2906903	2906932	-	6	SQGLDDYICK	10
PPUB-2793	Proteomics_pub	2906933	2906971	-	6	DVDSIYKIPGLLK	13
PPUB-2794	Proteomics_pub	2906951	2906989	-	6	AVISLKDVDIYK	13
PPUB-2795	Proteomics_pub	2906990	2907019	-	6	IALFCNVPEK	10
PPUB-2796	Proteomics_pub	2907056	2907100	-	6	ELLSIGIQPDILICR	15
PPUB-2797	Proteomics_pub	2907317	2907376	-	6	RGDYLGATVQVIPHITNAIK	20
PPUB-2798	Proteomics_pub	2907407	2907430	-	6	RNNFTTGR	8
PPUB-2799	Proteomics_pub	2907593	2907634	-	6	GIAAASLAAILEAR	14
PPUB-2800	Proteomics_pub	2911835	2911873	-	6	ILYISCNPETLCK	13
PPUB-2801	Proteomics_pub	2921417	2921455	-	6	EDKGPQPAVTHYR	13
PPUB-2802	Proteomics_pub	2921555	2921593	-	6	LLAQQFEQHQIQK	13
PPUB-2803	Proteomics_pub	2921651	2921686	-	6	DQIGQHVFTAHR	12
PPUB-2804	Proteomics_pub	2929935	2929982	-	4	LSEDAFDDQCTGANPR	16
PPUB-2805	Proteomics_pub	2930169	2930234	-	4	LGSQFHIPHLANALLICNVIR	22
PPUB-2806	Proteomics_pub	2930553	2930636	-	4	MIAVTTTSGTGSEVTPFAVVTDDATGQK	28
PPUB-2807	Proteomics_pub	2944181	2944231	-	6	GQHFDIYQGIGPEAGHR	17
PPUB-2808	Proteomics_pub	2944469	2944504	-	6	HWGETHSEAEVR	12
PPUB-2809	Proteomics_pub	2944709	2944741	-	6	AEIYAGALSDK	11
PPUB-2810	Proteomics_pub	2944775	2944804	-	6	QGEFQYPIYR	10
PPUB-2811	Proteomics_pub	2945000	2945092	-	6	FTQPFSLVNQPDVAVGAPINAGDFAEQINHIR	31
PPUB-2812	Proteomics_pub	2962401	2962448	-	4	FEDFEIEGYDPHPGIK	16
PPUB-2813	Proteomics_pub	2962449	2962478	-	4	RKPESIFDYR	10
PPUB-2814	Proteomics_pub	2962818	2962856	-	4	HIDQITTVLNQLK	13
PPUB-2815	Proteomics_pub	2963031	2963072	-	4	FNLQDGFPLVTTKR	14
PPUB-2816	Proteomics_pub	2963073	2963114	-	4	TGTGTLISIFGHQMR	14
PPUB-2817	Proteomics_pub	2964888	2964914	-	4	EENPFLGWR	9
PPUB-2818	Proteomics_pub	2965005	2965070	-	4	TEFLFMDRDALPTEEEQFAAYK	22
PPUB-2819	Proteomics_pub	2979497	2979523	-	6	AREELNEIR	9
PPUB-2820	Proteomics_pub	2979548	2979574	-	6	HIEAEVLR	9
PPUB-2821	Proteomics_pub	2980166	2980204	-	6	MVTINTESALTPR	13
PPUB-2822	Proteomics_pub	2980166	2980201	-	6	VTINTESALTPR	12
PPUB-2823	Proteomics_pub	2980990	2981040	-	5	AEFGVDILVNNAGITR	17

PPUB-2824	Proteomics_pub	2996920	2996952	-	5	AMLHFCENPGK	11
PPUB-2825	Proteomics_pub	3027082	3027120	-	5	GSDLVVTAIAEGR	13
PPUB-2826	Proteomics_pub	3027550	3027594	-	5	VVVLGGGDTAMDCVR	15
PPUB-2827	Proteomics_pub	3028174	3028233	-	5	IFEAAELSHQTNTLPEVCGR	20
PPUB-2828	Proteomics_pub	3031682	3031717	-	6	DVILFPAMRPVK	12
PPUB-2829	Proteomics_pub	3031682	3031717	-	6	DVILFPAMRPQK	12
PPUB-2830	Proteomics_pub	3031718	3031753	-	6	MVMLFTNSHTIR	12
PPUB-2831	Proteomics_pub	3031718	3031753	-	6	MIMLFTNSHTIR	12
PPUB-2832	Proteomics_pub	3031754	3031798	-	6	YGTPPHAGLAFGLDR	15
PPUB-2833	Proteomics_pub	3031754	3031855	-	6	DAGDDEAMFYDEDYVTALEHGLPPTAGLGIGIDR	34
PPUB-2834	Proteomics_pub	3031880	3031933	-	6	EIGNGFSELNDAEDQAQR	18
PPUB-2835	Proteomics_pub	3031880	3031933	-	6	EIGNGFSELNDAEDQAER	18
PPUB-2836	Proteomics_pub	3031958	3031990	-	6	RNDVNPEITDR	11
PPUB-2837	Proteomics_pub	3031991	3032086	-	6	IVTEIFEEVAEAHLIQPTFITEYPAEVSPLAR	32
PPUB-2838	Proteomics_pub	3032105	3032140	-	6	AIAESIGIHVEK	12
PPUB-2839	Proteomics_pub	3032105	3032140	-	6	ALAESIGITVEK	12
PPUB-2840	Proteomics_pub	3032141	3032191	-	6	YRPETDMADLDNFDSAQ	17
PPUB-2841	Proteomics_pub	3032141	3032191	-	6	YRPETDMADLDNFDAAK	17
PPUB-2842	Proteomics_pub	3032219	3032272	-	6	TEVTYGDVTLDFGKPF EK	18
PPUB-2843	Proteomics_pub	3032219	3032266	-	6	VTYGEHVDFGKPF EK	16
PPUB-2844	Proteomics_pub	3032273	3032299	-	6	TLAQDILGK	9
PPUB-2845	Proteomics_pub	3032300	3032332	-	6	DLIELTSLFR	11
PPUB-2846	Proteomics_pub	3032333	3032386	-	6	HNPEFTMMELYMAYADYK	18
PPUB-2847	Proteomics_pub	3032435	3032461	-	6	RLVVGGFER	9
PPUB-2848	Proteomics_pub	3032654	3032686	-	6	YLDLISNDESR	11
PPUB-2849	Proteomics_pub	3032699	3032752	-	6	ALRPLPDKFHGLQDQEAR	18
PPUB-2850	Proteomics_pub	3032699	3032728	-	6	FHGLQDQEAR	10
PPUB-2851	Proteomics_pub	3032699	3032752	-	6	ALRPLPDKFHGLQDQEV R	18
PPUB-2852	Proteomics_pub	3032729	3032752	-	6	ALRPLPDK	8
PPUB-2853	Proteomics_pub	3032765	3032800	-	6	TGELSIHCTELR	12
PPUB-2854	Proteomics_pub	3032765	3032806	-	6	TKTGELSIHCTELR	14
PPUB-2855	Proteomics_pub	3032765	3032806	-	6	TQTGELSIHCTELR	14
PPUB-2856	Proteomics_pub	3032822	3032854	-	6	KWDLGDILGAK	11
PPUB-2857	Proteomics_pub	3032822	3032851	-	6	WDLGDILGAK	10
PPUB-2858	Proteomics_pub	3032822	3032851	-	6	WDLGDIIGAR	10
PPUB-2859	Proteomics_pub	3032852	3032893	-	6	DDLPEGVYNEQFKK	14
PPUB-2860	Proteomics_pub	3032855	3032893	-	6	DDLPEGVYNEQFK	13
PPUB-2861	Proteomics_pub	3032855	3032893	-	6	DSLPEGVYNDQFK	13
PPUB-2862	Proteomics_pub	3032915	3032950	-	6	ASFVTLQDVGGRR	12
PPUB-2863	Proteomics_pub	3033071	3033106	-	6	EQGIAFPNDFRR	12
PPUB-2864	Proteomics_pub	3033074	3033106	-	6	EQGIAFPNDFR	11
PPUB-2865	Proteomics_pub	3033137	3033193	-	6	SEQHAQGADAVVDLNNELK	19
PPUB-2866	Proteomics_pub	3033218	3033274	-	6	NTQAVLDGSLDQFIEASLK	19
PPUB-2867	Proteomics_pub	3033332	3033382	-	6	QAMEDNKSDIGWGSQIR	17
PPUB-2868	Proteomics_pub	3033332	3033361	-	6	SDIGWGSQIR	10
PPUB-2869	Proteomics_pub	3033470	3033517	-	6	ITHIPTGIVTQCQNDR	16

PPUB-2870	Proteomics_pub	3033584	3033664	-	6	HTSFSSAFVYPEVDDDDIDIEINPADLR	27
PPUB-2871	Proteomics_pub	3033668	3033694	-	6	KSPFDSSGGR	9
PPUB-2872	Proteomics_pub	3033725	3033757	-	6	ISGDYAYGWLR	11
PPUB-2873	Proteomics_pub	3033773	3033817	-	6	TEIIIESEGEVAGIK	15
PPUB-2874	Proteomics_pub	3034082	3034123	-	6	SSLEAVVDTLDQMK	14
PPUB-2875	Proteomics_pub	3034130	3034204	-	6	LEEVNAELEQPDVWNEPERAQLGK	25
PPUB-2876	Proteomics_pub	3034148	3034210	-	6	ERLEEVNAELEQPDVWNEPER	21
PPUB-2877	Proteomics_pub	3034148	3034204	-	6	LEEVNAELEQPDVWNEPER	19
PPUB-2878	Proteomics_pub	3034275	3034304	-	4	MFEINPVNNR	10
PPUB-2879	Proteomics_pub	3036152	3036175	-	6	EFLDEHQK	8
PPUB-2880	Proteomics_pub	3036317	3036343	-	6	AFDDVMAGK	9
PPUB-2881	Proteomics_pub	3036557	3036589	-	6	MLLKQLNALEK	11
PPUB-2882	Proteomics_pub	3036590	3036652	-	6	HIIQGPMYDVSGTAPVNVTK	21
PPUB-2883	Proteomics_pub	3036653	3036700	-	6	TVLTNSGVLYITDDGK	16
PPUB-2884	Proteomics_pub	3036701	3036739	-	6	SSDIQPAPVAGMK	13
PPUB-2885	Proteomics_pub	3041343	3041396	-	4	VIADIYPGQTQFYVIEFK	18
PPUB-2886	Proteomics_pub	3041397	3041438	-	4	HAEQENMTLTELK	14
PPUB-2887	Proteomics_pub	3041583	3041612	-	4	FQDDILAGR	10
PPUB-2888	Proteomics_pub	3041586	3041612	-	4	FQDDILAGR	9
PPUB-2889	Proteomics_pub	3043879	3043917	-	5	IALVTGASRGIGR	13
PPUB-2890	Proteomics_pub	3044232	3044258	-	4	RLDDVYGDR	9
PPUB-2891	Proteomics_pub	3044277	3044312	-	4	EVAVFPAGVADK	12
PPUB-2892	Proteomics_pub	3044427	3044453	-	4	FIDAMLAIR	9
PPUB-2893	Proteomics_pub	3044559	3044594	-	4	EETGISELDIAK	12
PPUB-2894	Proteomics_pub	3044643	3044678	-	4	LQDAFPVLYTGR	12
PPUB-2895	Proteomics_pub	3044679	3044723	-	4	ASQVAILNANYIASR	15
PPUB-2896	Proteomics_pub	3044883	3044939	-	4	TFCIPHGGGGPGMGPVGVK	19
PPUB-2897	Proteomics_pub	3045069	3045149	-	4	AEQAGDNLSCIMVTPSTHGVYEETIR	27
PPUB-2898	Proteomics_pub	3045156	3045185	-	4	NGNIDLTDLR	10
PPUB-2899	Proteomics_pub	3045621	3045656	-	4	DDEILTHPVFNR	12
PPUB-2900	Proteomics_pub	3045621	3045680	-	4	SIQPAMLRDDEILTHPVFNR	20
PPUB-2901	Proteomics_pub	3045774	3045824	-	4	SDILNAVGITLDETTTR	17
PPUB-2902	Proteomics_pub	3045930	3045965	-	4	LTDILAAGLQK	12
PPUB-2903	Proteomics_pub	3046119	3046145	-	4	DAAGNTALR	9
PPUB-2904	Proteomics_pub	3046194	3046247	-	4	FGVPMGYGGPHAAFFAAK	18
PPUB-2905	Proteomics_pub	3046248	3046283	-	4	QGADIVFGSAQR	12
PPUB-2906	Proteomics_pub	3046500	3046547	-	4	FFVASDVHPQTLDVVR	16
PPUB-2907	Proteomics_pub	3047013	3047060	-	4	TQTLSQLENSGAFIER	16
PPUB-2908	Proteomics_pub	3047185	3047253	-	5	ASDESELESLLDATAYEALLEDE	23
PPUB-2909	Proteomics_pub	3047661	3047702	-	4	VPEGIGETAIVQIR	14
PPUB-2910	Proteomics_pub	3047703	3047792	-	4	FTDAQGNQHEGIITSGTFSPTLGYSIALAR	30
PPUB-2911	Proteomics_pub	3047823	3047849	-	4	LVGLVMTEK	9
PPUB-2912	Proteomics_pub	3048018	3048062	-	4	ALVEAGVKPCGLGAR	15
PPUB-2913	Proteomics_pub	3048195	3048224	-	4	AATLFNDAQR	10
PPUB-2914	Proteomics_pub	3048225	3048272	-	4	DDLSMIAVQGPNAQAK	16
PPUB-2915	Proteomics_pub	3048462	3048488	-	4	YLLANDVAK	9

PPUB-2916	Proteomics_pub	3048516	3048566	-	4	TDAGMFDVSHMTIVDLR	17
PPUB-2917	Proteomics_pub	3048639	3048686	-	4	AQQTPLYEQHTLCCGAR	16
PPUB-2918	Proteomics_pub	3051903	3051953	-	4	LYRPGTSILEVTGEVVR	17
PPUB-2919	Proteomics_pub	3052305	3052340	-	4	LFKSPEEIAVLR	12
PPUB-2920	Proteomics_pub	3052305	3052331	-	4	SPEEIAVLR	9
PPUB-2921	Proteomics_pub	3052557	3052583	-	4	LGQDAAPEK	9
PPUB-2922	Proteomics_pub	3052587	3052616	-	4	DLTAEIWFGR	10
PPUB-2923	Proteomics_pub	3052623	3052661	-	4	SDDTHNHSVLFNR	13
PPUB-2924	Proteomics_pub	3052830	3052859	-	4	SEISRQEFQR	10
PPUB-2925	Proteomics_pub	3053053	3053100	-	5	LDKVTGETGEAIDDLR	16
PPUB-2926	Proteomics_pub	3053053	3053091	-	5	VTGETGEAIDDLR	13
PPUB-2927	Proteomics_pub	3055416	3055490	-	4	YSDNGSTLSAVNFPEVSLPLHGGR	25
PPUB-2928	Proteomics_pub	3055419	3055490	-	4	YSDNGSTLSAVNFPEVSLPLHGGR	24
PPUB-2929	Proteomics_pub	3055665	3055712	-	4	GTVVDIPALCDALASK	16
PPUB-2930	Proteomics_pub	3055713	3055760	-	4	EISLMKPGSLLINASR	16
PPUB-2931	Proteomics_pub	3055779	3055877	-	4	LPLGNATQVQHLSDLLNMSDVVSLHVPENPSTK	33
PPUB-2932	Proteomics_pub	3055983	3056009	-	4	LAAGSFEAR	9
PPUB-2933	Proteomics_pub	3056058	3056102	-	4	SVAELVIGELLLLLR	15
PPUB-2934	Proteomics_pub	3056103	3056141	-	4	GIPVFNAPFSNTR	13
PPUB-2935	Proteomics_pub	3056103	3056144	-	4	RGIPVFNAPFSNTR	14
PPUB-2936	Proteomics_pub	3056208	3056252	-	4	SRTHLTEDVINA AEK	15
PPUB-2937	Proteomics_pub	3056208	3056246	-	4	THLTEDVINA AEK	13
PPUB-2938	Proteomics_pub	3056253	3056276	-	4	DAHFIGLR	8
PPUB-2939	Proteomics_pub	3056289	3056315	-	4	GALDDEQLK	9
PPUB-2940	Proteomics_pub	3056316	3056348	-	4	AAGYTNI EFHK	11
PPUB-2941	Proteomics_pub	3056367	3056396	-	4	FLLVEGVHQK	10
PPUB-2942	Proteomics_pub	3056703	3056744	-	4	GADVALIGTPDGVK	14
PPUB-2943	Proteomics_pub	3056928	3056963	-	4	FPLPVEIPMAR	12
PPUB-2944	Proteomics_pub	3056985	3057011	-	4	FICIADASK	9
PPUB-2945	Proteomics_pub	3057012	3057041	-	4	EKIIASVAEK	10
PPUB-2946	Proteomics_pub	3057171	3057218	-	4	GQIEGAVSSSDASTEK	16
PPUB-2947	Proteomics_pub	3057219	3057323	-	4	AVGWAAALQYVQPGTIVGVGTGSTAAHFIDALGTMK	35
PPUB-2948	Proteomics_pub	3065503	3065541	-	5	YHVSNYQSPMVR	13
PPUB-2949	Proteomics_pub	3065542	3065568	-	5	KLGPVYSVR	9
PPUB-2950	Proteomics_pub	3065542	3065565	-	5	LGPVYSVR	8
PPUB-2951	Proteomics_pub	3065635	3065679	-	5	SVSLGVAQPDAYKDK	15
PPUB-2952	Proteomics_pub	3065641	3065679	-	5	SVSLGVAQPDAYK	13
PPUB-2953	Proteomics_pub	3065701	3065730	-	5	LNSLLDGALK	10
PPUB-2954	Proteomics_pub	3065701	3065742	-	5	QLDKLNSLLDGALK	14
PPUB-2955	Proteomics_pub	3065851	3065898	-	5	VAQYISFLELNQIAKK	16
PPUB-2956	Proteomics_pub	3065854	3065898	-	5	VAQYISFLELNQIAK	15
PPUB-2957	Proteomics_pub	3067062	3067115	-	4	VWSNSGDLQNVYWDVLER	18
PPUB-2958	Proteomics_pub	3067116	3067157	-	4	LNELGASSINFVVR	14
PPUB-2959	Proteomics_pub	3067188	3067223	-	4	QILTNIQSEDR	12
PPUB-2960	Proteomics_pub	3067290	3067322	-	4	IIAGNIINFSR	11
PPUB-2961	Proteomics_pub	3068190	3068222	-	4	AFQELNAIDVL	11

PPUB-2962	Proteomics_pub	3068190	3068231	-	4	LEKAFQELNAIDVL	14
PPUB-2963	Proteomics_pub	3068223	3068258	-	4	AGQTSMIARLEK	12
PPUB-2964	Proteomics_pub	3068232	3068258	-	4	AGQTSMIAR	9
PPUB-2965	Proteomics_pub	3068286	3068309	-	4	GEDQPNNK	8
PPUB-2966	Proteomics_pub	3068289	3068351	-	4	ANEAYLQGQLGNPKGEDQPNK	21
PPUB-2967	Proteomics_pub	3068310	3068351	-	4	ANEAYLQGQLGNPK	14
PPUB-2968	Proteomics_pub	3068352	3068411	-	4	MNIDTDTQWATWEGVLNYYK	20
PPUB-2969	Proteomics_pub	3068412	3068438	-	4	DSVSYGVVK	9
PPUB-2970	Proteomics_pub	3068439	3068510	-	4	HNLPHNSLNFVHGGSGSTAQEIK	24
PPUB-2971	Proteomics_pub	3068439	3068513	-	4	KHNLPHNSLNFVHGGSGSTAQEIK	25
PPUB-2972	Proteomics_pub	3068511	3068537	-	4	DSQEYVSKK	9
PPUB-2973	Proteomics_pub	3068538	3068618	-	4	FTIAASFGNVHGVYKPGNVVLTPTILR	27
PPUB-2974	Proteomics_pub	3068787	3068879	-	4	HFAATGKPLFSSHMIDLSEESLQENIEICSK	31
PPUB-2975	Proteomics_pub	3068880	3068924	-	4	KLLPWIDGLLDAGEK	15
PPUB-2976	Proteomics_pub	3068880	3068921	-	4	LLPWIDGLLDAGEK	14
PPUB-2977	Proteomics_pub	3069051	3069104	-	4	APVIVQFSNGGASFIAGK	18
PPUB-2978	Proteomics_pub	3069051	3069110	-	4	VKAPVIVQFSNGGASFIAGK	20
PPUB-2979	Proteomics_pub	3069111	3069188	-	4	ENNFALPAVNCVGTDSINAVLETAAK	26
PPUB-2980	Proteomics_pub	3069207	3069257	-	4	IFDFVKPGVITGDDVQK	17
PPUB-2981	Proteomics_pub	3069207	3069263	-	4	SKIFDFVKPGVITGDDVQK	19
PPUB-2982	Proteomics_pub	3069493	3069525	-	5	VLPAVAMLEER	11
PPUB-2983	Proteomics_pub	3069526	3069579	-	5	ISYISTGGGAFLEFVEGK	18
PPUB-2984	Proteomics_pub	3069580	3069684	-	5	GTEIVANAIADSEAFSIAGGGDTLAAIDLFGIADK	35
PPUB-2985	Proteomics_pub	3069580	3069687	-	5	KGTEIVANAIADSEAFSIAGGGDTLAAIDLFGIADK	36
PPUB-2986	Proteomics_pub	3069685	3069738	-	5	TILWNGPVGVFEPNFRK	18
PPUB-2987	Proteomics_pub	3069688	3069738	-	5	TILWNGPVGVFEPNFR	17
PPUB-2988	Proteomics_pub	3069748	3069810	-	5	ADEQILDIGDASAQELAEILK	21
PPUB-2989	Proteomics_pub	3069748	3069828	-	5	SVNDVKADEQILDIGDASAQELAEILK	27
PPUB-2990	Proteomics_pub	3069829	3069870	-	5	VATEFSETAPATLK	14
PPUB-2991	Proteomics_pub	3069871	3069912	-	5	LLTTCNIPVPSDVR	14
PPUB-2992	Proteomics_pub	3069871	3069915	-	5	RLLTTCNIPVPSDVR	15
PPUB-2993	Proteomics_pub	3069913	3069951	-	5	SLYEADLVDEAKR	13
PPUB-2994	Proteomics_pub	3069916	3069951	-	5	SLYEADLVDEAK	12
PPUB-2995	Proteomics_pub	3069952	3070026	-	5	IADQLIVGGGIANTFIAAQGHVGVK	25
PPUB-2996	Proteomics_pub	3070027	3070065	-	5	VSTKLTVLDSLSK	13
PPUB-2997	Proteomics_pub	3070066	3070116	-	5	ALKEPARPMVAIVGGSK	17
PPUB-2998	Proteomics_pub	3070066	3070107	-	5	EPARPMVAIVGGSK	14
PPUB-2999	Proteomics_pub	3070117	3070206	-	5	AQASTHGIGKFADVACAGPLLAELDALGK	30
PPUB-3000	Proteomics_pub	3070117	3070176	-	5	FADVACAGPLLAELDALGK	20
PPUB-3001	Proteomics_pub	3070177	3070206	-	5	AQASTHGIGK	10
PPUB-3002	Proteomics_pub	3070207	3070263	-	5	KYAALCDVFMVDAFGTAHR	19
PPUB-3003	Proteomics_pub	3070207	3070260	-	5	YAALCDVFMVDAFGTAHR	18
PPUB-3004	Proteomics_pub	3070306	3070365	-	5	DYLDGVDVAEGELVVLENVR	20
PPUB-3005	Proteomics_pub	3070306	3070374	-	5	LVKDYLDGVDVAEGELVVLENVR	23
PPUB-3006	Proteomics_pub	3070375	3070398	-	5	DKLSNPVR	8
PPUB-3007	Proteomics_pub	3070399	3070485	-	5	VMVTSHLGRPTEGEYNEEFSLLPVVNYLK	29

PPUB-3008	Proteomics_pub	3070486	3070530	-	5	ASLPTIELALKQGAK	15
PPUB-3009	Proteomics_pub	3070498	3070530	-	5	ASLPTIELALK	11
PPUB-3010	Proteomics_pub	3070498	3070536	-	5	IRASLPTIELALK	13
PPUB-3011	Proteomics_pub	3070555	3070587	-	5	ADLNVPVKDGK	11
PPUB-3012	Proteomics_pub	3070600	3070629	-	5	MTDLDLAGKR	10
PPUB-3013	Proteomics_pub	3070603	3070629	-	5	MTDLDLAGK	9
PPUB-3014	Proteomics_pub	3070603	3070641	-	5	SVIKMTDLDLAGK	13
PPUB-3015	Proteomics_pub	3070955	3071005	-	6	VPTPNVSVVDLTVRLEK	17
PPUB-3016	Proteomics_pub	3071147	3071218	-	6	VINDNFGIIEGLMTTVHATTATQK	24
PPUB-3017	Proteomics_pub	3071447	3071470	-	6	SLQSLPWR	8
PPUB-3018	Proteomics_pub	3071486	3071518	-	6	DQLFVGDDAIR	11
PPUB-3019	Proteomics_pub	3071678	3071710	-	6	TIKVGINGFGR	11
PPUB-3020	Proteomics_pub	3077795	3077833	-	6	VAVEAGIADYWYK	13
PPUB-3021	Proteomics_pub	3077834	3077920	-	6	VVSLPSTDIFDAQDEEYRESVLPSNVAAR	29
PPUB-3022	Proteomics_pub	3078044	3078097	-	6	QNLAQQERTEEQLANIAR	18
PPUB-3023	Proteomics_pub	3078044	3078073	-	6	TEEQLANIAR	10
PPUB-3024	Proteomics_pub	3078098	3078130	-	6	QDGPTALILSR	11
PPUB-3025	Proteomics_pub	3078098	3078145	-	6	YGVREQDGPTALILSR	16
PPUB-3026	Proteomics_pub	3078146	3078208	-	6	VTPNMSTWRPCDQVESAWWK	21
PPUB-3027	Proteomics_pub	3078428	3078475	-	6	AINEDAAGNYIHYGVR	16
PPUB-3028	Proteomics_pub	3078638	3078667	-	6	GEMPSDFDAK	10
PPUB-3029	Proteomics_pub	3078638	3078673	-	6	MKGEMPSDFDAK	12
PPUB-3030	Proteomics_pub	3078677	3078709	-	6	AYPQEADEFTR	11
PPUB-3031	Proteomics_pub	3078767	3078817	-	6	YAPFEIPSEIYAQWDAK	17
PPUB-3032	Proteomics_pub	3078836	3078895	-	6	AGTHDSHGAPLGDAEIALTR	20
PPUB-3033	Proteomics_pub	3078896	3078925	-	6	TIIGFGSPNK	10
PPUB-3034	Proteomics_pub	3078896	3078925	-	6	TVIGFGSPNK	10
PPUB-3035	Proteomics_pub	3078926	3078961	-	6	AVTDKPSLLMCK	12
PPUB-3036	Proteomics_pub	3078980	3079015	-	6	DIDGHDAASIKR	12
PPUB-3037	Proteomics_pub	3078983	3079015	-	6	DIDGHDAASIK	11
PPUB-3038	Proteomics_pub	3079016	3079045	-	6	FEAYGWHVIR	10
PPUB-3039	Proteomics_pub	3079265	3079369	-	6	TPGHPEVGYTAGVETTTGPLGQGIANAVGMAIAEK	35
PPUB-3040	Proteomics_pub	3079481	3079519	-	6	HNPQNPSWADRDR	13
PPUB-3041	Proteomics_pub	3079487	3079519	-	6	HNPQNPSWADR	11
PPUB-3042	Proteomics_pub	3079532	3079588	-	6	SGHPGAPMGDIIEVLWR	19
PPUB-3043	Proteomics_pub	3081169	3081198	-	5	SVDDVIAQVK	10
PPUB-3044	Proteomics_pub	3081199	3081243	-	5	DNGFTVLDACQVNR	15
PPUB-3045	Proteomics_pub	3081199	3081258	-	5	TEFDKDNFTVLDACQVNR	20
PPUB-3046	Proteomics_pub	3081259	3081303	-	5	EGLIDPNHSVQIGIR	15
PPUB-3047	Proteomics_pub	3081418	3081465	-	5	MLSFGGDHFVTLPLLR	16
PPUB-3048	Proteomics_pub	3081523	3081573	-	5	LNVDVDCGDLVYAFGDAR	17
PPUB-3049	Proteomics_pub	3081580	3081603	-	5	FPWNFDMR	8
PPUB-3050	Proteomics_pub	3081604	3081660	-	5	HGPAAIRQVSTNLAWEHNR	19
PPUB-3051	Proteomics_pub	3081604	3081639	-	5	QVSTNLAWEHNR	12
PPUB-3052	Proteomics_pub	3081757	3081816	-	5	STLGHQYDNSLSVNAFGFLR	20
PPUB-3053	Proteomics_pub	3082494	3082529	-	4	AHRPIIDELQER	12

PPUB-3054	Proteomics_pub	3082746	3082790	-	4	NEYTVPTAPAEDAPR	15
PPUB-3055	Proteomics_pub	3082791	3082844	-	4	AVTAHHTVLVSNIIIGVER	18
PPUB-3056	Proteomics_pub	3083160	3083207	-	4	FGLAATQVLQLVETLR	16
PPUB-3057	Proteomics_pub	3083409	3083435	-	4	SVIVCNGYK	9
PPUB-3058	Proteomics_pub	3083436	3083477	-	4	AELMAVLAHAGMTR	14
PPUB-3059	Proteomics_pub	3083478	3083534	-	4	VIESLIHSGEPLGLEAGSK	19
PPUB-3060	Proteomics_pub	3083553	3083600	-	4	ESYGYNGDYFLVYPIK	16
PPUB-3061	Proteomics_pub	3083637	3083678	-	4	LPALFCFPQILQHR	14
PPUB-3062	Proteomics_pub	3083727	3083822	-	4	TYNIAWWGNYYDVNELGHISVCPDPDVPEAR	32
PPUB-3063	Proteomics_pub	3083832	3083873	-	4	SMQEVAMSSQEASK	14
PPUB-3064	Proteomics_pub	3083874	3083930	-	4	SDDMSMGLPSSAGEHGVLRL	19
PPUB-3065	Proteomics_pub	3093067	3093102	-	5	MNMEEIVALSVK	12
PPUB-3066	Proteomics_pub	3093067	3093099	-	5	NMEEIVALSVK	11
PPUB-3067	Proteomics_pub	3099205	3099231	-	5	SDGLTFHYK	9
PPUB-3068	Proteomics_pub	3099301	3099333	-	5	IIVQEMGESSK	11
PPUB-3069	Proteomics_pub	3099370	3099402	-	5	STLPWIDEGAK	11
PPUB-3070	Proteomics_pub	3099520	3099558	-	5	DDVIVSPQTVQVK	13
PPUB-3071	Proteomics_pub	3099898	3099927	-	5	CTEEHQAIR	10
PPUB-3072	Proteomics_pub	3099994	3100035	-	5	TVDDFINEVIEPNK	14
PPUB-3073	Proteomics_pub	3100036	3100071	-	5	FPEGTSEEQIDK	12
PPUB-3074	Proteomics_pub	3106539	3106562	-	4	GDLVLFDR	8
PPUB-3075	Proteomics_pub	3115770	3115808	-	4	NVNDGQIQGVINK	13
PPUB-3076	Proteomics_pub	3116043	3116072	-	4	YSTTGQNNTR	10
PPUB-3077	Proteomics_pub	3116832	3116864	-	4	TGYLTLGGSQR	11
PPUB-3078	Proteomics_pub	3120925	3120963	-	5	NLLGLMQGTLQEK	13
PPUB-3079	Proteomics_pub	3129906	3129962	-	4	AVDRFDLIAVQQATKPFLR	19
PPUB-3080	Proteomics_pub	3134691	3134723	-	4	ESDIEPLIVVK	11
PPUB-3081	Proteomics_pub	3134964	3135008	-	4	YLLDTEFTVNDELVK	15
PPUB-3082	Proteomics_pub	3135246	3135302	-	4	GLDELGWDAAGQLIDGEGR	19
PPUB-3083	Proteomics_pub	3136056	3136112	-	4	IAEQNVIHSPLPQQGWTR	19
PPUB-3084	Proteomics_pub	3136119	3136163	-	4	DTGHVAIITQLHGK	15
PPUB-3085	Proteomics_pub	3136179	3136214	-	4	APVAGALLIWDK	12
PPUB-3086	Proteomics_pub	3149299	3149340	-	5	DLDEASAAHPVR	14
PPUB-3087	Proteomics_pub	3149764	3149808	-	5	SLNQANDIAADFGSK	15
PPUB-3088	Proteomics_pub	3149851	3149874	-	5	SVEFFNQK	8
PPUB-3089	Proteomics_pub	3159282	3159317	-	4	GSIGQLLNPVP	12
PPUB-3090	Proteomics_pub	3159537	3159572	-	4	IDVTAQQGTWER	12
PPUB-3091	Proteomics_pub	3161953	3161985	-	5	IINIPSAEAR	11
PPUB-3092	Proteomics_pub	3162304	3162342	-	5	SYAIDPITLPSAR	13
PPUB-3093	Proteomics_pub	3163396	3163437	-	5	EVAQAAIALIDQPK	14
PPUB-3094	Proteomics_pub	3163867	3163908	-	5	ALPFIGDGLKPVQR	14
PPUB-3095	Proteomics_pub	3164157	3164198	-	4	GYPINNPEDVAYS	14
PPUB-3096	Proteomics_pub	3164157	3164219	-	4	LVKPVWGGYTGKPLDNTYTR	21
PPUB-3097	Proteomics_pub	3164448	3164474	-	4	RAGDFMLSR	9
PPUB-3098	Proteomics_pub	3164568	3164648	-	4	LLAEAGYTADKPLTINLLYNTSDLHKK	27
PPUB-3099	Proteomics_pub	3164571	3164648	-	4	LLAEAGYTADKPLTINLLYNTSDLHK	26

PPUB-3100	Proteomics_pub	3164787	3164813	-	4	RALYLTVDR	9
PPUB-3101	Proteomics_pub	3165294	3165380	-	4	SVDPNTASPYASYLQYGHIAIDEILEGK	29
PPUB-3102	Proteomics_pub	3165381	3165434	-	4	WADGTPVTAQDFVYSWQR	18
PPUB-3103	Proteomics_pub	3165381	3165434	-	4	WSDGTPVTAQDFVYSWQR	18
PPUB-3104	Proteomics_pub	3167393	3167419	-	6	WNGVTVTPK	9
PPUB-3105	Proteomics_pub	3167462	3167488	-	6	ISDDLYVFK	9
PPUB-3106	Proteomics_pub	3167507	3167539	-	6	SLRDDTWVTLR	11
PPUB-3107	Proteomics_pub	3172138	3172218	-	5	LADCQERDPALSELYLVEGDSAGGSAK	27
PPUB-3108	Proteomics_pub	3172186	3172218	-	5	LADCTAQLDLNR	11
PPUB-3109	Proteomics_pub	3172474	3172500	-	5	LSAEDIWDR	9
PPUB-3110	Proteomics_pub	3175432	3175512	-	5	SSIMVGEVDATTASGIHGLADENEDIR	27
PPUB-3111	Proteomics_pub	3175513	3175563	-	5	TKPVLSFLASPGGTSER	17
PPUB-3112	Proteomics_pub	3175828	3175854	-	5	GFFSLDLR	9
PPUB-3113	Proteomics_pub	3175894	3175932	-	5	MLKPDNLPVTFGK	13
PPUB-3114	Proteomics_pub	3181862	3181906	-	6	HNMALVTIEDLVAYR	15
PPUB-3115	Proteomics_pub	3181907	3181936	-	6	APECIEFANK	10
PPUB-3116	Proteomics_pub	3182039	3182065	-	6	AQAGGVLTR	9
PPUB-3117	Proteomics_pub	3182066	3182131	-	6	AAIADGAKPSDLNRPGHVFPLR	22
PPUB-3118	Proteomics_pub	3182267	3182308	-	6	HGSGIVCLCITEDR	14
PPUB-3119	Proteomics_pub	3182444	3182488	-	6	MNQTLSSFGTPPER	15
PPUB-3120	Proteomics_pub	3182444	3182485	-	6	NQTLSSFGTPPER	14
PPUB-3121	Proteomics_pub	3193483	3193518	-	5	LIAGILPDLVK	12
PPUB-3122	Proteomics_pub	3193837	3193884	-	5	LGTSTVSPIELENAVR	16
PPUB-3123	Proteomics_pub	3194044	3194079	-	5	SEQGMSLLQPGK	12
PPUB-3124	Proteomics_pub	3194536	3194571	-	5	LVGLTGIDDAAR	12
PPUB-3125	Proteomics_pub	3194650	3194682	-	5	ISPEAPVPPVK	11
PPUB-3126	Proteomics_pub	3196713	3196736	-	4	RGLTDNIK	8
PPUB-3127	Proteomics_pub	3213782	3213814	-	6	RFEAEQYDPQR	11
PPUB-3128	Proteomics_pub	3213983	3214024	-	6	LAVKPVQSALVSVR	14
PPUB-3129	Proteomics_pub	3214370	3214411	-	6	IVLGGALDGFSTR	14
PPUB-3130	Proteomics_pub	3256373	3256402	-	6	VIETMYETGK	10
PPUB-3131	Proteomics_pub	3256373	3256402	-	6	VIETMYETGK	10
PPUB-3132	Proteomics_pub	3256691	3256729	-	6	YLLVASAIGSLYK	13
PPUB-3133	Proteomics_pub	3257600	3257644	-	6	VGIGPSSSHTVGPMK	15
PPUB-3134	Proteomics_pub	3257600	3257644	-	6	IGIGPSSSHTVGPMK	15
PPUB-3135	Proteomics_pub	3257980	3258018	-	5	TGEVPADVAAQAR	13
PPUB-3136	Proteomics_pub	3258233	3258265	-	6	HPEKYPQLTIR	11
PPUB-3137	Proteomics_pub	3258233	3258289	-	6	EMLLDAMENPEKYPQLTIR	19
PPUB-3138	Proteomics_pub	3258254	3258289	-	6	ETLEDAVKHPEK	12
PPUB-3139	Proteomics_pub	3258254	3258289	-	6	EMLLDAMENPEK	12
PPUB-3140	Proteomics_pub	3258290	3258331	-	6	VEGGQHNLNVNVLRR	14
PPUB-3141	Proteomics_pub	3258398	3258445	-	6	DGISYTFIVPNALGK	16
PPUB-3142	Proteomics_pub	3258467	3258499	-	6	GAVASLTSVAK	11
PPUB-3143	Proteomics_pub	3258509	3258553	-	6	AGAPFGPGANPMHGR	15
PPUB-3144	Proteomics_pub	3258509	3258556	-	6	RAGAPFGPGANPMHGR	16
PPUB-3145	Proteomics_pub	3258557	3258583	-	6	KTGNTPDGR	9

PPUB-3146	Proteomics_pub	3258557	3258580	-	6	TGNTPDGR	8
PPUB-3147	Proteomics_pub	3258581	3258640	-	6	DAIPTQSVLTITSNVVYGKK	20
PPUB-3148	Proteomics_pub	3258584	3258640	-	6	DAIPTQSVLTITSNVVYGK	19
PPUB-3149	Proteomics_pub	3258806	3258865	-	6	TMACGIAGLSVAADSLSAIK	20
PPUB-3150	Proteomics_pub	3258866	3258916	-	6	YSYEASLMALHDRDVIR	17
PPUB-3151	Proteomics_pub	3258878	3258916	-	6	YSYEASLMALHDR	13
PPUB-3152	Proteomics_pub	3258917	3258961	-	6	QYITALNIIHYMHDK	15
PPUB-3153	Proteomics_pub	3259067	3259105	-	6	TMLYAINGGVDEK	13
PPUB-3154	Proteomics_pub	3259121	3259144	-	6	QMQLFFGAR	8
PPUB-3155	Proteomics_pub	3259145	3259258	-	6	VSIDTSSLQYENDDLMRPDFNNDYAIACCVSPMIVGK	38
PPUB-3156	Proteomics_pub	3259292	3259360	-	6	FLNTLYTMGPSPEPNMTILWSEK	23
PPUB-3157	Proteomics_pub	3259388	3259468	-	6	TPEYDELFSGDPIWATESIGGMGLDGR	27
PPUB-3158	Proteomics_pub	3259493	3259549	-	6	AGKITEQEAQEMVDHLVMK	19
PPUB-3159	Proteomics_pub	3259493	3259540	-	6	ITEQEAQEMVDHLVMK	16
PPUB-3160	Proteomics_pub	3259559	3259591	-	6	TSTFLDVYIER	11
PPUB-3161	Proteomics_pub	3259592	3259624	-	6	SQNGAAMSFGR	11
PPUB-3162	Proteomics_pub	3259844	3259876	-	6	VALYGIDYLMK	11
PPUB-3163	Proteomics_pub	3259904	3259945	-	6	KSGVLTGLPDAYGR	14
PPUB-3164	Proteomics_pub	3259904	3259942	-	6	SGVLTGLPDAYGR	13
PPUB-3165	Proteomics_pub	3259952	3260002	-	6	KTHNQGVFDVYTPDILR	17
PPUB-3166	Proteomics_pub	3259952	3259999	-	6	THNQGVFDVYTPDILR	16
PPUB-3167	Proteomics_pub	3260105	3260140	-	6	IVGLQTEAPLKR	12
PPUB-3168	Proteomics_pub	3260108	3260140	-	6	IVGLQTEAPLK	11
PPUB-3169	Proteomics_pub	3260153	3260227	-	6	THAPVDFDTAVASTITSHDAGYINK	25
PPUB-3170	Proteomics_pub	3260258	3260332	-	6	NYTPYEGDESFLAGATEATTLWDK	25
PPUB-3171	Proteomics_pub	3260678	3260731	-	6	LDAVVFTGGIGENAAMVR	18
PPUB-3172	Proteomics_pub	3260843	3260887	-	6	ESGLLGLTEVTSDCR	15
PPUB-3173	Proteomics_pub	3261629	3261667	-	6	LVLVLNCGSSSLK	13
PPUB-3174	Proteomics_pub	3263217	3263249	-	4	NSMIALIQRNK	11
PPUB-3175	Proteomics_pub	3297644	3297676	-	6	RLEGEESDLAR	11
PPUB-3176	Proteomics_pub	3304170	3304235	-	4	ILNKPMNMQLLGDAQPHTGGER	22
PPUB-3177	Proteomics_pub	3304242	3304277	-	4	GMPGEVLQHFTR	12
PPUB-3178	Proteomics_pub	3304278	3304313	-	4	LFASHSTIELPK	12
PPUB-3179	Proteomics_pub	3304332	3304376	-	4	HIVGAIANEGDISSR	15
PPUB-3180	Proteomics_pub	3304377	3304412	-	4	IEVGRDDGVEVR	12
PPUB-3181	Proteomics_pub	3304413	3304439	-	4	DVGDMQLYR	9
PPUB-3182	Proteomics_pub	3304536	3304574	-	4	TLIVPPDAPMRPK	13
PPUB-3183	Proteomics_pub	3304593	3304655	-	4	IQPTAEGEELDLETLAAALLK	21
PPUB-3184	Proteomics_pub	3304671	3304712	-	4	VQQQLESSLQYR	14
PPUB-3185	Proteomics_pub	3304740	3304787	-	4	LTIPEVELPNAELLGK	16
PPUB-3186	Proteomics_pub	3304962	3304997	-	4	LDILIATDVAAR	12
PPUB-3187	Proteomics_pub	3305031	3305081	-	4	NGYNAAALNGDMNQALR	17
PPUB-3188	Proteomics_pub	3305082	3305117	-	4	NATLEVAEALER	12
PPUB-3189	Proteomics_pub	3305190	3305255	-	4	IQSSVTTRPDISQSYWTVWGMR	22
PPUB-3190	Proteomics_pub	3305394	3305435	-	4	LSGLVLDEADEMLR	14
PPUB-3191	Proteomics_pub	3305478	3305513	-	4	QGPQIVVGTGPR	12

PPUB-3192	Proteomics_pub	3305541	3305576	-	4	GVNVVALYGGQR	12
PPUB-3193	Proteomics_pub	3305631	3305663	-	4	APQILVLAPTR	11
PPUB-3194	Proteomics_pub	3305664	3305714	-	4	TAAFSLPLLQNLDPELK	17
PPUB-3195	Proteomics_pub	3305715	3305750	-	4	DVLGMAQTGSGK	12
PPUB-3196	Proteomics_pub	3305715	3305750	-	4	DVAGQAQTGTGK	12
PPUB-3197	Proteomics_pub	3305841	3305879	-	4	AEFETTFADLGLK	13
PPUB-3198	Proteomics_pub	3306512	3306538	-	6	GIALYYGGR	9
PPUB-3199	Proteomics_pub	3307058	3307120	-	6	EATEQSQPAAAEAPAAEQGE	21
PPUB-3200	Proteomics_pub	3307166	3307207	-	6	VTDYLQMGQEVVK	14
PPUB-3201	Proteomics_pub	3307217	3307255	-	6	EGLVHISQIADKR	13
PPUB-3202	Proteomics_pub	3307217	3307297	-	6	NLTDYGAFVDLGGVDGLLHITDMAWKR	27
PPUB-3203	Proteomics_pub	3307220	3307255	-	6	EGLVHISQIADK	12
PPUB-3204	Proteomics_pub	3307220	3307297	-	6	NLTDYGAFVDLGGVDGLLHITDMAWK	26
PPUB-3205	Proteomics_pub	3307256	3307297	-	6	IVDFGAFVAIGGGK	14
PPUB-3206	Proteomics_pub	3307322	3307360	-	6	RIEETAEIEVGR	13
PPUB-3207	Proteomics_pub	3307403	3307459	-	6	ALTEETGTTIEIEDDGTVK	19
PPUB-3208	Proteomics_pub	3307529	3307555	-	6	GDISEFAPR	9
PPUB-3209	Proteomics_pub	3307556	3307600	-	6	LHILGVMEQAINAPR	15
PPUB-3210	Proteomics_pub	3307610	3307642	-	6	EIMQVALNQAK	11
PPUB-3211	Proteomics_pub	3307661	3307693	-	6	DGISALQMDIK	11
PPUB-3212	Proteomics_pub	3307709	3307780	-	6	EGDNYVVLSDILGDEDHLGDMDFK	24
PPUB-3213	Proteomics_pub	3307781	3307816	-	6	AAVAGIAMGLVK	12
PPUB-3214	Proteomics_pub	3307913	3307963	-	6	GVLAVMPDMDKFPYTVR	17
PPUB-3215	Proteomics_pub	3307931	3307963	-	6	GVLAVMPDMDK	11
PPUB-3216	Proteomics_pub	3307931	3307966	-	6	RGVLAVMPDMDK	12
PPUB-3217	Proteomics_pub	3308000	3308074	-	6	TDTFLFHYNFPYVSVGETGMVGSFK	25
PPUB-3218	Proteomics_pub	3308075	3308110	-	6	DAQVLDELMGER	12
PPUB-3219	Proteomics_pub	3308111	3308155	-	6	GETQALVTATLGTAR	15
PPUB-3220	Proteomics_pub	3308156	3308182	-	6	THGSALFTR	9
PPUB-3221	Proteomics_pub	3308285	3308368	-	6	SETIATLLAEDETLDENELGEILHAIK	28
PPUB-3222	Proteomics_pub	3308456	3308500	-	6	WDWQPEPVNEALNAR	15
PPUB-3223	Proteomics_pub	3308669	3308731	-	6	VGYINDQYVLNPTQDELKESK	21
PPUB-3224	Proteomics_pub	3308678	3308731	-	6	VGYINDQYVLNPTQDELK	18
PPUB-3225	Proteomics_pub	3308912	3308950	-	6	EGRPSEGETLIAR	13
PPUB-3226	Proteomics_pub	3308912	3308953	-	6	REGRPSEGETLIAR	14
PPUB-3227	Proteomics_pub	3308993	3309043	-	6	AKPGQDFFPLTVNYQER	17
PPUB-3228	Proteomics_pub	3308993	3309046	-	6	KAKPGQDFFPLTVNYQER	18
PPUB-3229	Proteomics_pub	3309116	3309166	-	6	FQYQGHTVTLETGMMAR	17
PPUB-3230	Proteomics_pub	3309116	3309169	-	6	KFQYQGHTVTLETGMMAR	18
PPUB-3231	Proteomics_pub	3309563	3309655	-	6	DANDTGSTEVQVALLTAQINHLQGHFAEHKK	31
PPUB-3232	Proteomics_pub	3309566	3309655	-	6	DANDTGSTEVQVALLTAQINHLQGHFAEHK	30
PPUB-3233	Proteomics_pub	3309954	3309986	-	4	TSGAPLEGLVR	11
PPUB-3234	Proteomics_pub	3310230	3310256	-	4	TIIDDLGEK	9
PPUB-3235	Proteomics_pub	3310961	3310990	-	6	ALQEASGFIR	10
PPUB-3236	Proteomics_pub	3311003	3311047	-	6	VYVTFLNKDEDAVK	15
PPUB-3237	Proteomics_pub	3311066	3311107	-	6	LGMMTTVSGVEMSR	14

PPUB-3238	Proteomics_pub	3311439	3311468	-	4	NGMECGIGVK	10
PPUB-3239	Proteomics_pub	3311469	3311495	-	4	FKDDVNEVR	9
PPUB-3240	Proteomics_pub	3311496	3311540	-	4	DNVVIYEGELESRR	15
PPUB-3241	Proteomics_pub	3311499	3311540	-	4	DNVVIYEGELESR	14
PPUB-3242	Proteomics_pub	3311565	3311612	-	4	FGAIAGCMVTEGVVKR	16
PPUB-3243	Proteomics_pub	3311568	3311612	-	4	FGAIAGCMVTEGVVK	15
PPUB-3244	Proteomics_pub	3311634	3311663	-	4	QQIIGLAEVR	10
PPUB-3245	Proteomics_pub	3311664	3311699	-	4	AAMSGMLSPELK	12
PPUB-3246	Proteomics_pub	3311700	3311738	-	4	YYSVIYNLIDEVK	13
PPUB-3247	Proteomics_pub	3311739	3311771	-	4	KVIEAESLDR	11
PPUB-3248	Proteomics_pub	3311739	3311768	-	4	VIEAESLDR	10
PPUB-3249	Proteomics_pub	3311907	3311954	-	4	ADVQGSVEAISDSLLK	16
PPUB-3250	Proteomics_pub	3312222	3312275	-	4	EGTLHKGDIVLCGFYGR	18
PPUB-3251	Proteomics_pub	3312222	3312257	-	4	GDIVLCGFYGR	12
PPUB-3252	Proteomics_pub	3312276	3312302	-	4	GPVATVLR	9
PPUB-3253	Proteomics_pub	3312276	3312308	-	4	GRGPVATVLR	11
PPUB-3254	Proteomics_pub	3312309	3312350	-	4	GMASGAVIESFLDK	14
PPUB-3255	Proteomics_pub	3312309	3312353	-	4	KGMASGAVIESFLDK	15
PPUB-3256	Proteomics_pub	3312363	3312428	-	4	AGTGIDELLDAILLQAEVLELK	22
PPUB-3257	Proteomics_pub	3312429	3312503	-	4	NELSQYGILPEEWGGESQFVHVS AK	25
PPUB-3258	Proteomics_pub	3312510	3312539	-	4	IDKPEADPDR	10
PPUB-3259	Proteomics_pub	3312540	3312575	-	4	AAQVPVVAVNK	12
PPUB-3260	Proteomics_pub	3312825	3312866	-	4	APVVTIMGHVDHGK	14
PPUB-3261	Proteomics_pub	3312867	3312893	-	4	DTGAAAEPR	9
PPUB-3262	Proteomics_pub	3312867	3312929	-	4	ENELEEAVMSDRDTGAAAEPR	21
PPUB-3263	Proteomics_pub	3312894	3312929	-	4	ENELEEAVMSDR	12
PPUB-3264	Proteomics_pub	3312945	3313022	-	4	LGAMATINQVIDQETAQLVAEEMGHK	26
PPUB-3265	Proteomics_pub	3313023	3313052	-	4	GSQVIKAMMK	10
PPUB-3266	Proteomics_pub	3313113	3313163	-	4	GSSLQQGFQKPAQAVNR	17
PPUB-3267	Proteomics_pub	3313113	3313166	-	4	KGSSLQQGFQKPAQAVNR	18
PPUB-3268	Proteomics_pub	3313284	3313325	-	4	QAEDESDREVEGGR	14
PPUB-3269	Proteomics_pub	3313326	3313394	-	4	WTDNAEPTEDSSDYHVTT SQHAR	23
PPUB-3270	Proteomics_pub	3313800	3313838	-	4	STLNIPGTGGKSK	13
PPUB-3271	Proteomics_pub	3313806	3313838	-	4	STLNIPGTGGK	11
PPUB-3272	Proteomics_pub	3313848	3313880	-	4	NSGPKLTLQR	11
PPUB-3273	Proteomics_pub	3313881	3313910	-	4	QTLIDHLNQK	10
PPUB-3274	Proteomics_pub	3313911	3313946	-	4	KSADDSVSAQEK	12
PPUB-3275	Proteomics_pub	3313911	3313943	-	4	SADDSVSAQEK	11
PPUB-3276	Proteomics_pub	3313944	3313979	-	4	LVQQFADAGIRK	12
PPUB-3277	Proteomics_pub	3313947	3313979	-	4	LVQQFADAGIR	11
PPUB-3278	Proteomics_pub	3314064	3314090	-	4	NICWFGDEA	9
PPUB-3279	Proteomics_pub	3314118	3314195	-	4	GVCTLEDLAEQGIDDLADIEGLTDEK	26
PPUB-3280	Proteomics_pub	3314208	3314315	-	4	NALATIAQAQEE SLGDNKPADDLLNLEGVDRDLAFK	36
PPUB-3281	Proteomics_pub	3314322	3314378	-	4	ELLEIEGLDEPTVEALRER	19
PPUB-3282	Proteomics_pub	3314328	3314378	-	4	ELLEIEGLDEPTVEALR	17
PPUB-3283	Proteomics_pub	3314466	3314507	-	4	HQAEAHAAIDTFTK	14

PPUB-3284	Proteomics_pub	3314589	3314642	-	4	HTMDIAVEAGNLAQAIGR	18
PPUB-3285	Proteomics_pub	3314739	3314774	-	4	VQAVSTELGGER	12
PPUB-3286	Proteomics_pub	3314784	3314816	-	4	IDPVGACVGMR	11
PPUB-3287	Proteomics_pub	3314784	3314819	-	4	RIDPVGACVGMR	12
PPUB-3288	Proteomics_pub	3314877	3314918	-	4	IEVPEIGEEVIEIK	14
PPUB-3289	Proteomics_pub	3314919	3314951	-	4	SKPEMLIELFR	11
PPUB-3290	Proteomics_pub	3314976	3315008	-	4	GVLYSVRPEAR	11
PPUB-3291	Proteomics_pub	3315120	3315155	-	4	EHEGEITGVVK	12
PPUB-3292	Proteomics_pub	3315237	3315329	-	4	EITLEAARYEDES LNLGDYVEDQIESVTFDR	31
PPUB-3293	Proteomics_pub	3315237	3315305	-	4	YEDES LNLGDYVEDQIESVTFDR	23
PPUB-3294	Proteomics_pub	3315330	3315365	-	4	WLVVDEV TQPTK	12
PPUB-3295	Proteomics_pub	3315369	3315392	-	4	SGDFD TFR	8
PPUB-3296	Proteomics_pub	3315411	3315437	-	4	KYEQEIDVR	9
PPUB-3297	Proteomics_pub	3315441	3315488	-	4	EKIFEALESALATATK	16
PPUB-3298	Proteomics_pub	3315441	3315482	-	4	IFEALESALATATK	14
PPUB-3299	Proteomics_pub	3315501	3315539	-	4	EILAVVEAVSNEK	13
PPUB-3300	Proteomics_pub	3315600	3315632	-	4	DEVFALSNIQK	11
PPUB-3301	Proteomics_pub	3315717	3315749	-	4	FVGEEVTLVLR	11
PPUB-3302	Proteomics_pub	3315939	3316007	-	4	LTEMITAPVEALGFELVGIEFIR	23
PPUB-3303	Proteomics_pub	3320782	3320832	-	5	VMVEGEDEAQVTEFAHR	17
PPUB-3304	Proteomics_pub	3320878	3320916	-	5	AVTAEVEAALGNR	13
PPUB-3305	Proteomics_pub	3320917	3320961	-	5	YTAGSGDPLEHESVK	15
PPUB-3306	Proteomics_pub	3320962	3320991	-	5	MFPQILVNVR	10
PPUB-3307	Proteomics_pub	3321031	3321087	-	5	TTTGDGIVAGLQVLAAMAR	19
PPUB-3308	Proteomics_pub	3321088	3321129	-	5	IGAENSGHVILLDK	14
PPUB-3309	Proteomics_pub	3321184	3321207	-	5	QLGIPFAR	8
PPUB-3310	Proteomics_pub	3321208	3321261	-	5	GGAVGTLMSNMGLELALK	18
PPUB-3311	Proteomics_pub	3321289	3321324	-	5	VDGDQIMYIIAR	12
PPUB-3312	Proteomics_pub	3321355	3321393	-	5	ADLGIAFDGDGDR	13
PPUB-3313	Proteomics_pub	3321508	3321564	-	5	IVVDCANGATYHIAPNVLR	19
PPUB-3314	Proteomics_pub	3321565	3321603	-	5	ATFPNELSLSELK	13
PPUB-3315	Proteomics_pub	3321652	3321687	-	5	EISCVDSAELGK	12
PPUB-3316	Proteomics_pub	3321976	3322008	-	5	LGWAAGKVLAR	11
PPUB-3317	Proteomics_pub	3322009	3322047	-	5	VGDAPITPDFVLK	13
PPUB-3318	Proteomics_pub	3322054	3322080	-	5	KYFGTDGIR	9
PPUB-3319	Proteomics_pub	3322054	3322077	-	5	YFGTDGIR	8
PPUB-3320	Proteomics_pub	3322358	3322390	-	6	LLLDPGFGFGK	11
PPUB-3321	Proteomics_pub	3323026	3323070	-	5	TPNPGNTMSEQLGDK	15
PPUB-3322	Proteomics_pub	3323371	3323421	-	5	LGPLLYAE EGEVFLGR	17
PPUB-3323	Proteomics_pub	3323539	3323574	-	5	LESQISTLYGGR	12
PPUB-3324	Proteomics_pub	3323581	3323634	-	5	ALGVTFFLPEGDAISASR	18
PPUB-3325	Proteomics_pub	3323659	3323688	-	5	LVPEHDPVHK	10
PPUB-3326	Proteomics_pub	3323689	3323733	-	5	ESTAYHEAGHAIIGR	15
PPUB-3327	Proteomics_pub	3323797	3323823	-	5	VVSMVEFEK	9
PPUB-3328	Proteomics_pub	3323836	3323904	-	5	GTPGFSGADLANLVNEAALFAAR	23
PPUB-3329	Proteomics_pub	3323905	3323949	-	5	RVPLAPDIDAAIIAR	15

PPUB-3330	Proteomics_pub	3323983	3324012	-	5	QVVVGLPDVR	10
PPUB-3331	Proteomics_pub	3324145	3324177	-	5	GAGLGGGHDER	11
PPUB-3332	Proteomics_pub	3324364	3324399	-	5	GVLVVGPPGTGK	12
PPUB-3333	Proteomics_pub	3324430	3324474	-	5	EEVAELVEYLREPSR	15
PPUB-3334	Proteomics_pub	3324730	3324762	-	5	YTTYIPVQDPK	11
PPUB-3335	Proteomics_pub	3324817	3324867	-	5	KVDYSTFLQEVNNDQVR	17
PPUB-3336	Proteomics_pub	3325159	3325194	-	5	VFQGGGFDEYLR	12
PPUB-3337	Proteomics_pub	3325459	3325545	-	5	LFKPGMTVVDLGAAPGGWSQYVVTQIGGK	29
PPUB-3338	Proteomics_pub	3326276	3326311	-	6	TPGGEVEFEVIK	12
PPUB-3339	Proteomics_pub	3326312	3326353	-	6	GLIGKEEDDVVVIK	14
PPUB-3340	Proteomics_pub	3326354	3326419	-	6	IVGDDEADFKQNLISVNSPIAR	22
PPUB-3341	Proteomics_pub	3326354	3326389	-	6	QNLISVNSPIAR	12
PPUB-3342	Proteomics_pub	3326390	3326419	-	6	IVGDDEADFK	10
PPUB-3343	Proteomics_pub	3326501	3326533	-	6	LSNAQVIDVTK	11
PPUB-3344	Proteomics_pub	3326555	3326581	-	6	EQQGFCEGR	9
PPUB-3345	Proteomics_pub	3326582	3326626	-	6	EHGDLKENAEYHAAR	15
PPUB-3346	Proteomics_pub	3326627	3326662	-	6	RPEIIAAIAEAR	12
PPUB-3347	Proteomics_pub	3326672	3326698	-	6	LREELDFLK	9
PPUB-3348	Proteomics_pub	3326711	3326737	-	6	MQAIPMTLR	9
PPUB-3349	Proteomics_pub	3328811	3328849	-	6	YYLISAASGLGVK	13
PPUB-3350	Proteomics_pub	3328850	3328882	-	6	AIAEALGWEDK	11
PPUB-3351	Proteomics_pub	3328943	3328996	-	6	IIISELEKYSQDLATKPR	18
PPUB-3352	Proteomics_pub	3329087	3329155	-	6	SFVVADIPQLIEGAAEGAGLGIR	23
PPUB-3353	Proteomics_pub	3329171	3329221	-	6	VADYPFTTLVPSLGVVR	17
PPUB-3354	Proteomics_pub	3329447	3329491	-	6	VIDQGTGETMGDMTK	15
PPUB-3355	Proteomics_pub	3330956	3331009	-	6	FHAGANVGCGRDHTLFAK	18
PPUB-3356	Proteomics_pub	3330977	3331009	-	6	FHAGANVGCGR	11
PPUB-3357	Proteomics_pub	3331025	3331066	-	6	FGGESVLAGSIIVR	14
PPUB-3358	Proteomics_pub	3331025	3331069	-	6	RFGGESVLAGSIIVR	15
PPUB-3359	Proteomics_pub	3331261	3331293	-	5	AEVVAHGRGEK	11
PPUB-3360	Proteomics_pub	3331270	3331329	-	5	IGVPPFDGGVIKAEVVAHGR	20
PPUB-3361	Proteomics_pub	3331294	3331329	-	5	IGVPPFDGGVIK	12
PPUB-3362	Proteomics_pub	3331444	3331473	-	5	MYAVFQSGGK	10
PPUB-3363	Proteomics_pub	3331444	3331470	-	5	YAVFQSGGK	9
PPUB-3364	Proteomics_pub	3333404	3333439	-	6	LSGAQVMATDLR	12
PPUB-3365	Proteomics_pub	3333524	3333631	-	6	TAPHPAFPTDMQAQFTLLNLVAEGTGFITETVFENR	36
PPUB-3366	Proteomics_pub	3333716	3333760	-	6	NTQPDTLDAVLAKLR	15
PPUB-3367	Proteomics_pub	3333722	3333760	-	6	NAQPDTLDAVLAK	13
PPUB-3368	Proteomics_pub	3334208	3334243	-	6	ASIWALGPLVAR	12
PPUB-3369	Proteomics_pub	3334451	3334483	-	6	LQGEVTISGAK	11
PPUB-3370	Proteomics_pub	3334595	3334621	-	6	AYTPAEWAR	9
PPUB-3371	Proteomics_pub	3334988	3335020	-	6	LYNLPADVLPR	11
PPUB-3372	Proteomics_pub	3335081	3335131	-	6	VDTGGLALLLHLIDLAK	17
PPUB-3373	Proteomics_pub	3335141	3335167	-	6	GITCIDLSR	9
PPUB-3374	Proteomics_pub	3335320	3335349	-	5	GIDGLTAQLK	10
PPUB-3375	Proteomics_pub	3335356	3335382	-	5	QNEWGTLLR	9

PPUB-3376	Proteomics_pub	3335473	3335511	-	5	VTIIDPNGRPPVR	13
PPUB-3377	Proteomics_pub	3335530	3335607	-	5	QAYGQALAMYHGQTYQIAPEQPLGDK	26
PPUB-3378	Proteomics_pub	3335665	3335700	-	5	YAGALVLGQYYK	12
PPUB-3379	Proteomics_pub	3335701	3335742	-	5	TIVDQELLPYVQVK	14
PPUB-3380	Proteomics_pub	3335764	3335790	-	5	LKNEQPQIR	9
PPUB-3381	Proteomics_pub	3336070	3336096	-	5	DGDTIQDTK	9
PPUB-3382	Proteomics_pub	3336178	3336216	-	5	YNHIPDTSSLSIR	13
PPUB-3383	Proteomics_pub	3336256	3336282	-	5	VADITLDPK	9
PPUB-3384	Proteomics_pub	3336283	3336318	-	5	SPVSIGGVVGR	12
PPUB-3385	Proteomics_pub	3347861	3347926	-	6	IVTTPAYMLAQNIAEASGIDK	22
PPUB-3386	Proteomics_pub	3348128	3348184	-	6	NLSNFASLGSECTVDRELK	19
PPUB-3387	Proteomics_pub	3348137	3348184	-	6	NLSNFASLGSECTVDR	16
PPUB-3388	Proteomics_pub	3348185	3348265	-	6	GEIRPLAQADAAELDALIVPGGFGAAK	27
PPUB-3389	Proteomics_pub	3348299	3348352	-	6	QQVDVINHLTGEAMTETR	18
PPUB-3390	Proteomics_pub	3348353	3348388	-	6	SGAQAVCFAPDK	12
PPUB-3391	Proteomics_pub	3350256	3350279	-	4	HGLMGFGR	8
PPUB-3392	Proteomics_pub	3367863	3367949	-	4	ELLTQMGHLYGHVADELATPSSAILDIER	29
PPUB-3393	Proteomics_pub	3368834	3368872	-	6	AVVSVPIIGIVKR	13
PPUB-3394	Proteomics_pub	3368873	3368905	-	6	IEGVANLQATR	11
PPUB-3395	Proteomics_pub	3370708	3370740	-	5	ALAQQLMQERG	11
PPUB-3396	Proteomics_pub	3370711	3370740	-	5	ALAQQLMQER	10
PPUB-3397	Proteomics_pub	3370759	3370785	-	5	KPFGPVDEK	9
PPUB-3398	Proteomics_pub	3370786	3370830	-	5	TVLHYMDVVSPLCR	15
PPUB-3399	Proteomics_pub	3371161	3371229	-	5	AIIDSADGLPMVVYNIPALSGVK	23
PPUB-3400	Proteomics_pub	3371311	3371373	-	5	LIAHVGCVSTAESQQLAASAK	21
PPUB-3401	Proteomics_pub	3371386	3371421	-	5	EQVLEIVAEAAK	12
PPUB-3402	Proteomics_pub	3374574	3374624	-	4	AVGNLELANDEVRFNAR	17
PPUB-3403	Proteomics_pub	3374586	3374624	-	4	AVGNLELANDEV	13
PPUB-3404	Proteomics_pub	3374625	3374657	-	4	DGQIVLNIAPR	11
PPUB-3405	Proteomics_pub	3374772	3374798	-	4	MDLSQLTPR	9
PPUB-3406	Proteomics_pub	3374828	3374863	-	6	DSFLASLSEAER	12
PPUB-3407	Proteomics_pub	3374900	3374941	-	6	LPQLGIEFSGPGAK	14
PPUB-3408	Proteomics_pub	3375155	3375196	-	6	FPHPLMPVYPVAR	14
PPUB-3409	Proteomics_pub	3375197	3375223	-	6	IIMEYLDER	9
PPUB-3410	Proteomics_pub	3375224	3375313	-	6	DNPPQDLIDLNPNSVPTLVDRELTLWESR	30
PPUB-3411	Proteomics_pub	3375314	3375346	-	6	GVSFEIEHVEK	11
PPUB-3412	Proteomics_pub	3375365	3375421	-	6	RSVMTLFSGPTDIYSHQVR	19
PPUB-3413	Proteomics_pub	3375365	3375418	-	6	SVMTLFSGPTDIYSHQVR	18
PPUB-3414	Proteomics_pub	3375933	3375974	-	4	ALMEYDESLRSELR	14
PPUB-3415	Proteomics_pub	3375945	3375974	-	4	ALMEYDESLR	10
PPUB-3416	Proteomics_pub	3375975	3376025	-	4	GGGISGQAGAIRHGITR	17
PPUB-3417	Proteomics_pub	3375990	3376025	-	4	GGGISGQAGAIR	12
PPUB-3418	Proteomics_pub	3376050	3376082	-	4	QPLELVDMVEK	11
PPUB-3419	Proteomics_pub	3376095	3376130	-	4	SLEQYFGRETAR	12
PPUB-3420	Proteomics_pub	3376107	3376130	-	4	SLEQYFGR	8
PPUB-3421	Proteomics_pub	3376131	3376175	-	4	VFIKPGNGKIVINQR	15

PPUB-3422	Proteomics_pub	3376149	3376175	-	4	VFIKPGNGK	9
PPUB-3423	Proteomics_pub	3376197	3376226	-	4	AENQYYGTGR	10
PPUB-3424	Proteomics_pub	3376248	3376310	-	4	LKVYAGNEHNHAAQQPQVLDI	21
PPUB-3425	Proteomics_pub	3376248	3376304	-	4	VYAGNEHNHAAQQPQVLDI	19
PPUB-3426	Proteomics_pub	3376389	3376418	-	4	QATFEEMIAR	10
PPUB-3427	Proteomics_pub	3376419	3376466	-	4	TDKVVYHHTGHIGGIK	16
PPUB-3428	Proteomics_pub	3376419	3376457	-	4	VYYHHTGHIGGIK	13
PPUB-3429	Proteomics_pub	3376491	3376550	-	4	AEYTPHVDTGDIIVLNADK	20
PPUB-3430	Proteomics_pub	3376491	3376556	-	4	HKAEYTPHVDTGDIIVLNADK	22
PPUB-3431	Proteomics_pub	3376605	3376634	-	4	DWYVVVDATGK	10
PPUB-3432	Proteomics_pub	3376605	3376637	-	4	RDWYVVVDATGK	11
PPUB-3433	Proteomics_pub	3376635	3376667	-	4	TFTAKPETVKR	11
PPUB-3434	Proteomics_pub	3376638	3376667	-	4	TFTAKPETVK	10
PPUB-3435	Proteomics_pub	3381355	3381387	-	5	DIALGEEFVNK	11
PPUB-3436	Proteomics_pub	3381388	3381453	-	5	SIGTLSAFEQNALEGMLDTLKK	22
PPUB-3437	Proteomics_pub	3381475	3381504	-	5	FFSQPLLLGK	10
PPUB-3438	Proteomics_pub	3381505	3381570	-	5	ALQGEQGVVECAVVEGDGQYAR	22
PPUB-3439	Proteomics_pub	3381592	3381639	-	5	AGGGSATLSMGQAAAR	16
PPUB-3440	Proteomics_pub	3381640	3381675	-	5	IQNAGTEVVEAK	12
PPUB-3441	Proteomics_pub	3381640	3381678	-	5	RIQNAGTEVVEAK	13
PPUB-3442	Proteomics_pub	3381805	3381831	-	5	SNTFVAELK	9
PPUB-3443	Proteomics_pub	3381832	3381864	-	5	LFGVTTLDIIR	11
PPUB-3444	Proteomics_pub	3381892	3381957	-	5	ACIGIITNPVNTTVAIAAEVLK	22
PPUB-3445	Proteomics_pub	3381994	3382029	-	5	SDLFNVNAGIVK	12
PPUB-3446	Proteomics_pub	3382048	3382122	-	5	GFSGEDATPALEGADVVLISAGVAR	25
PPUB-3447	Proteomics_pub	3382129	3382227	-	5	TQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVK	33
PPUB-3448	Proteomics_pub	3382228	3382284	-	5	VAVLGAAGGIGQALALLLK	19
PPUB-3449	Proteomics_pub	3388638	3388682	-	4	EGQSLPVGVGQPTLK	15
PPUB-3450	Proteomics_pub	3389658	3389729	-	4	VQTLGAVEHSPLYTSVDPLQSMR	24
PPUB-3451	Proteomics_pub	3389844	3389882	-	4	DGSYNIDQGVGVR	13
PPUB-3452	Proteomics_pub	3389958	3389999	-	4	HQDLFAILGQLAER	14
PPUB-3453	Proteomics_pub	3390948	3390977	-	4	NGIHTTIGK	10
PPUB-3454	Proteomics_pub	3392424	3392462	-	4	ASNLTAVIPDYSK	13
PPUB-3455	Proteomics_pub	3398069	3398116	-	6	ALEMIDMHGGDLFSEE	16
PPUB-3456	Proteomics_pub	3398129	3398194	-	6	LLMEETGIPVVVAEDPLTCVAR	22
PPUB-3457	Proteomics_pub	3398207	3398242	-	6	GMVLTGGGALLR	12
PPUB-3458	Proteomics_pub	3398414	3398452	-	6	HEIGSAYPGDEV	13
PPUB-3459	Proteomics_pub	3398414	3398458	-	6	IKHEIGSAYPGDEV	15
PPUB-3460	Proteomics_pub	3398459	3398497	-	6	NYGSLIGEATAER	13
PPUB-3461	Proteomics_pub	3398459	3398500	-	6	RNYGSLIGEATAER	14
PPUB-3462	Proteomics_pub	3398501	3398530	-	6	FDEAIINYVR	10
PPUB-3463	Proteomics_pub	3398501	3398545	-	6	IGGDRFDEAIINYVR	15
PPUB-3464	Proteomics_pub	3398702	3398737	-	6	AIRESAQGAGAR	12
PPUB-3465	Proteomics_pub	3398738	3398782	-	6	VLVCPVPGATQVER	15
PPUB-3466	Proteomics_pub	3398741	3398782	-	6	VLVCPVPGATQVER	14
PPUB-3467	Proteomics_pub	3398843	3398878	-	6	DGVIADFFVTEK	12

PPUB-3468	Proteomics_pub	3398930	3398959	-	6	SVAAVGHDAK	10
PPUB-3469	Proteomics_pub	3398975	3399028	-	6	GQGIVLNEPSVVAIRQDR	18
PPUB-3470	Proteomics_pub	3398984	3399028	-	6	GQGIVLNEPSVVAIR	15
PPUB-3471	Proteomics_pub	3428465	3428497	-	6	ILLIGAGGASR	11
PPUB-3472	Proteomics_pub	3428525	3428575	-	6	LLGDNTDGVLLSDLER	17
PPUB-3473	Proteomics_pub	3428591	3428647	-	6	ADELTERAALAGAVNTLMR	19
PPUB-3474	Proteomics_pub	3428648	3428692	-	6	GANVTVPFKEEFAR	15
PPUB-3475	Proteomics_pub	3428693	3428755	-	6	VLAPINDFINTLNAFFSAGGK	21
PPUB-3476	Proteomics_pub	3428874	3428900	-	4	DALTGELFR	9
PPUB-3477	Proteomics_pub	3428922	3428972	-	4	AQFGAAFPVVPGETGGR	17
PPUB-3478	Proteomics_pub	3429123	3429173	-	4	WPGPVTVFVPAPATTPR	17
PPUB-3479	Proteomics_pub	3429375	3429416	-	4	DAIAAAIDVLNEER	14
PPUB-3480	Proteomics_pub	3437659	3437712	-	5	AGDNAPMAYIELVDRSEK	18
PPUB-3481	Proteomics_pub	3437668	3437712	-	5	AGDNAPMAYIELVDR	15
PPUB-3482	Proteomics_pub	3437752	3437787	-	5	LFNELGPRFASR	12
PPUB-3483	Proteomics_pub	3437764	3437787	-	5	LFNELGPR	8
PPUB-3484	Proteomics_pub	3437788	3437814	-	5	TRDNEIVAK	9
PPUB-3485	Proteomics_pub	3437833	3437883	-	5	VVEPLITLAKTDSVANR	17
PPUB-3486	Proteomics_pub	3437854	3437886	-	5	RVVEPLITLAK	11
PPUB-3487	Proteomics_pub	3437854	3437883	-	5	VVEPLITLAK	10
PPUB-3488	Proteomics_pub	3438065	3438100	-	6	LENWPPASIAD	12
PPUB-3489	Proteomics_pub	3438122	3438157	-	6	SLTEIKDVLASR	12
PPUB-3490	Proteomics_pub	3438200	3438238	-	6	AEAIHYIGDLVQR	13
PPUB-3491	Proteomics_pub	3438257	3438322	-	6	EKPEFDPILLRPVDDLELTVR	22
PPUB-3492	Proteomics_pub	3438338	3438394	-	6	AATILAEQLEAFVDLRDVR	19
PPUB-3493	Proteomics_pub	3438347	3438394	-	6	AATILAEQLEAFVDLR	16
PPUB-3494	Proteomics_pub	3438347	3438397	-	6	RAATILAEQLEAFVDLR	17
PPUB-3495	Proteomics_pub	3438395	3438451	-	6	LVIEMETNGTIDPEEAIIR	19
PPUB-3496	Proteomics_pub	3438398	3438451	-	6	LVIEMETNGTIDPEEAIIR	18
PPUB-3497	Proteomics_pub	3438467	3438505	-	6	IAYNVEAARVEQR	13
PPUB-3498	Proteomics_pub	3438479	3438505	-	6	IAYNVEAAR	9
PPUB-3499	Proteomics_pub	3438506	3438541	-	6	LLVDACYSPVER	12
PPUB-3500	Proteomics_pub	3438542	3438577	-	6	IHSEEDERPIGR	12
PPUB-3501	Proteomics_pub	3438578	3438607	-	6	GRGYVPASTR	10
PPUB-3502	Proteomics_pub	3438578	3438601	-	6	GYVPASTR	8
PPUB-3503	Proteomics_pub	3438740	3438766	-	6	DEVILTLNK	9
PPUB-3504	Proteomics_pub	3438740	3438778	-	6	VQGKDEVILTLNK	13
PPUB-3505	Proteomics_pub	3438779	3438838	-	6	EGVQEDILEILLNLKGLAVR	20
PPUB-3506	Proteomics_pub	3438794	3438838	-	6	EGVQEDILEILLNLK	15
PPUB-3507	Proteomics_pub	3438917	3438952	-	6	GFGHTLGNALRR	12
PPUB-3508	Proteomics_pub	3438920	3438952	-	6	GFGHTLGNALR	11
PPUB-3509	Proteomics_pub	3438977	3439015	-	6	LVDIEQVSSTHAK	13
PPUB-3510	Proteomics_pub	3439016	3439051	-	6	MQGSVTEFLKPR	12
PPUB-3511	Proteomics_pub	3439080	3439133	-	4	SDLSADINEHLIVELYSK	18
PPUB-3512	Proteomics_pub	3439149	3439202	-	4	EKPTWLEVDAGKMEGTFK	18
PPUB-3513	Proteomics_pub	3439167	3439202	-	4	EKPTWLEVDAGK	12

PPUB-3514	Proteomics_pub	3439203	3439235	-	4	VKAAELEAEQR	11
PPUB-3515	Proteomics_pub	3439254	3439313	-	4	VVNIASYQVSPNDVVSIREK	20
PPUB-3516	Proteomics_pub	3439260	3439313	-	4	VVNIASYQVSPNDVVSIR	18
PPUB-3517	Proteomics_pub	3439386	3439448	-	4	GNTGENLLALLEGRLDNVVYR	21
PPUB-3518	Proteomics_pub	3439407	3439448	-	4	GNTGENLLALLEGR	14
PPUB-3519	Proteomics_pub	3439407	3439454	-	4	LKGNTGENLLALLEGR	16
PPUB-3520	Proteomics_pub	3439479	3439508	-	4	IYGVLERQFR	10
PPUB-3521	Proteomics_pub	3439524	3439556	-	4	LSDYGVQLREK	11
PPUB-3522	Proteomics_pub	3439530	3439556	-	4	LSDYGVQLR	9
PPUB-3523	Proteomics_pub	3439566	3439604	-	4	CKIEQAPGQHGAR	13
PPUB-3524	Proteomics_pub	3439566	3439598	-	4	IEQAPGQHGAR	11
PPUB-3525	Proteomics_pub	3439620	3439655	-	4	EGTDLFLKSGVR	12
PPUB-3526	Proteomics_pub	3439632	3439655	-	4	EGTDLFLK	8
PPUB-3527	Proteomics_pub	3439632	3439658	-	4	REGTDLFLK	9
PPUB-3528	Proteomics_pub	3439746	3439802	-	4	ITNITDVTPIPHNGCRPPK	19
PPUB-3529	Proteomics_pub	3439881	3439913	-	4	CADAVKEYGIK	11
PPUB-3530	Proteomics_pub	3439914	3439952	-	4	KSTPFAAQVAAER	13
PPUB-3531	Proteomics_pub	3439914	3439949	-	4	STPFAAQVAAER	12
PPUB-3532	Proteomics_pub	3439962	3440009	-	4	QGNALGWATAGGSGFR	16
PPUB-3533	Proteomics_pub	3440010	3440081	-	4	KQVSDGVAHIHASFNNTIVTITDR	24
PPUB-3534	Proteomics_pub	3440010	3440078	-	4	QVSDGVAHIHASFNNTIVTITDR	23
PPUB-3535	Proteomics_pub	3440233	3440256	-	5	LMDLGCYR	8
PPUB-3536	Proteomics_pub	3440233	3440259	-	5	RLMDLGCYR	9
PPUB-3537	Proteomics_pub	3440281	3440307	-	5	FVVEGDLRR	9
PPUB-3538	Proteomics_pub	3440308	3440361	-	5	ISELSEGQIDTLRDEVAK	18
PPUB-3539	Proteomics_pub	3440323	3440361	-	5	ISELSEGQIDTLR	13
PPUB-3540	Proteomics_pub	3440362	3440400	-	5	AILAAAGIAEDVK	13
PPUB-3541	Proteomics_pub	3440407	3440454	-	5	HAVIALTSIYGVGKTR	16
PPUB-3542	Proteomics_pub	3440413	3440454	-	5	HAVIALTSIYGVGK	14
PPUB-3543	Proteomics_pub	3440455	3440490	-	5	ARIAGINIPDHK	12
PPUB-3544	Proteomics_pub	3440455	3440484	-	5	IAGINIPDHK	10
PPUB-3545	Proteomics_pub	3441028	3441075	-	5	SGAFVPGIRPGEQTAK	16
PPUB-3546	Proteomics_pub	3441316	3441354	-	5	RVYAAQSTHLPLK	13
PPUB-3547	Proteomics_pub	3441316	3441351	-	5	VYAAQSTHLPLK	12
PPUB-3548	Proteomics_pub	3442081	3442116	-	5	AKQPGLDFQSAK	12
PPUB-3549	Proteomics_pub	3442081	3442110	-	5	QPGLDFQSAK	10
PPUB-3550	Proteomics_pub	3442130	3442165	-	6	AAIEAAGGKIEE	12
PPUB-3551	Proteomics_pub	3442184	3442234	-	6	VILAGEVTPVTVRGLR	17
PPUB-3552	Proteomics_pub	3442193	3442234	-	6	VILAGEVTPVTVR	14
PPUB-3553	Proteomics_pub	3442235	3442273	-	6	AANIIGIQIEFAK	13
PPUB-3554	Proteomics_pub	3442274	3442309	-	6	VEGGVVDLNTLK	12
PPUB-3555	Proteomics_pub	3442385	3442417	-	6	GFEGGQMPLYR	11
PPUB-3556	Proteomics_pub	3442385	3442420	-	6	RGFEGGQMPLYR	12
PPUB-3557	Proteomics_pub	3442523	3442555	-	6	LNTLSPAEGSK	11
PPUB-3558	Proteomics_pub	3442523	3442561	-	6	MRLNTLSPAEGSK	13
PPUB-3559	Proteomics_pub	3442577	3442609	-	6	GMINAVSFMVK	11

PPUB-3560	Proteomics_pub	3442610	3442651	-	6	IGHTVEREDTPAIR	14
PPUB-3561	Proteomics_pub	3442652	3442681	-	6	ATLLGLGLRR	10
PPUB-3562	Proteomics_pub	3442655	3442687	-	6	HKATLLGLGLR	11
PPUB-3563	Proteomics_pub	3442781	3442837	-	6	ATIDGLENMNSPEMVAAKR	19
PPUB-3564	Proteomics_pub	3442784	3442837	-	6	ATIDGLENMNSPEMVAAK	18
PPUB-3565	Proteomics_pub	3442838	3442873	-	6	AYGSTNPINVVRR	12
PPUB-3566	Proteomics_pub	3442874	3442915	-	6	AVLEVAGVHNVLAK	14
PPUB-3567	Proteomics_pub	3442916	3442972	-	6	VFMQPASEGTGIAGGAMR	19
PPUB-3568	Proteomics_pub	3442994	3443044	-	6	NMINVALNNGTLQHPVK	17
PPUB-3569	Proteomics_pub	3442994	3443047	-	6	RNMINVALNNGTLQHPVK	18
PPUB-3570	Proteomics_pub	3443066	3443095	-	6	AREVPAAIQK	10
PPUB-3571	Proteomics_pub	3443117	3443164	-	6	IFSFTALTVVGDGNGR	16
PPUB-3572	Proteomics_pub	3443314	3443337	-	5	SGFQYHGR	8
PPUB-3573	Proteomics_pub	3443338	3443364	-	5	GIKDVSFDR	9
PPUB-3574	Proteomics_pub	3443377	3443415	-	5	DAAAAVGKAVAER	13
PPUB-3575	Proteomics_pub	3443392	3443430	-	5	YTGKNDAAAAGVK	13
PPUB-3576	Proteomics_pub	3443452	3443520	-	5	HIYAQVIAPNGSEVLVAASTVEK	23
PPUB-3577	Proteomics_pub	3443545	3443571	-	5	KLQELGATR	9
PPUB-3578	Proteomics_pub	3443716	3443760	-	5	GADKQVIGQVAADLR	15
PPUB-3579	Proteomics_pub	3443716	3443748	-	5	QVIGQVAADLR	11
PPUB-3580	Proteomics_pub	3443761	3443865	-	5	GNVINLSLGFSPVDHQLPAGITAECPTQTEIVLK	35
PPUB-3581	Proteomics_pub	3443878	3443907	-	5	KLQLVGVGYR	10
PPUB-3582	Proteomics_pub	3443878	3443904	-	5	LQLVGVGYR	9
PPUB-3583	Proteomics_pub	3443908	3443955	-	5	ALLNSMVIGVTEGFTK	16
PPUB-3584	Proteomics_pub	3443956	3443997	-	5	DGYADGWAQAGTAR	14
PPUB-3585	Proteomics_pub	3443956	3444030	-	5	HADNTLTFGPRDGYADGWAQAGTAR	25
PPUB-3586	Proteomics_pub	3443998	3444030	-	5	HADNTLTFGPR	11
PPUB-3587	Proteomics_pub	3443998	3444057	-	5	TLNDAVEVKHADNTLTFGPR	20
PPUB-3588	Proteomics_pub	3444031	3444057	-	5	TLNDAVEVK	9
PPUB-3589	Proteomics_pub	3444109	3444144	-	5	APVVVPAGVDVK	12
PPUB-3590	Proteomics_pub	3444178	3444216	-	5	QAGLGGEIICYVA	13
PPUB-3591	Proteomics_pub	3444244	3444285	-	5	VMAGLGIADVSTSK	14
PPUB-3592	Proteomics_pub	3444376	3444444	-	5	EEGFIEDFKVEGDTKPELELTLK	23
PPUB-3593	Proteomics_pub	3444376	3444417	-	5	VEGDTKPELELTLK	14
PPUB-3594	Proteomics_pub	3444418	3444444	-	5	EEGFIEDFK	9
PPUB-3595	Proteomics_pub	3444418	3444468	-	5	VAIANVLKEEGFIEDFK	17
PPUB-3596	Proteomics_pub	3444475	3444501	-	5	AAVTMPSSK	9
PPUB-3597	Proteomics_pub	3444529	3444564	-	5	SMQDPIADMLTR	12
PPUB-3598	Proteomics_pub	3444682	3444711	-	5	QTGRPHGFLR	10
PPUB-3599	Proteomics_pub	3444766	3444822	-	5	AIISDVNASDEDRWNAVLK	19
PPUB-3600	Proteomics_pub	3444784	3444822	-	5	AIISDVNASDEDR	13
PPUB-3601	Proteomics_pub	3444838	3444867	-	5	VALADKYFAK	10
PPUB-3602	Proteomics_pub	3444924	3444959	-	4	ALLAAFDFPFRK	12
PPUB-3603	Proteomics_pub	3444927	3444959	-	4	ALLAAFDFPFR	11
PPUB-3604	Proteomics_pub	3444978	3445010	-	4	GLDITITTTAK	11
PPUB-3605	Proteomics_pub	3445017	3445061	-	4	EQIIFPEIDYDKVDR	15

PPUB-3606	Proteomics_pub	3445026	3445061	-	4	EQIIFPEIDYDK	12
PPUB-3607	Proteomics_pub	3445062	3445085	-	4	GNYSMGVR	8
PPUB-3608	Proteomics_pub	3445155	3445175	-	4	MWEFFER	7
PPUB-3609	Proteomics_pub	3445197	3445226	-	4	IRQGYPIGCK	10
PPUB-3610	Proteomics_pub	3445197	3445220	-	4	QGYPIGCK	8
PPUB-3611	Proteomics_pub	3445248	3445316	-	4	LLDNAAADLAAISGQKPLITKAR	23
PPUB-3612	Proteomics_pub	3445254	3445319	-	4	KLLDNAAADLAAISGQKPLITK	22
PPUB-3613	Proteomics_pub	3445254	3445316	-	4	LLDNAAADLAAISGQKPLITK	21
PPUB-3614	Proteomics_pub	3445317	3445361	-	4	ITLNMGVGEAIADKK	15
PPUB-3615	Proteomics_pub	3445320	3445361	-	4	ITLNMGVGEAIADK	14
PPUB-3616	Proteomics_pub	3445371	3445418	-	4	KLMTEFNYSVMQVPR	16
PPUB-3617	Proteomics_pub	3445371	3445415	-	4	LMTEFNYSVMQVPR	15
PPUB-3618	Proteomics_pub	3445419	3445451	-	4	LHDYKDEVVK	11
PPUB-3619	Proteomics_pub	3445517	3445543	-	6	VGFRFEDGK	9
PPUB-3620	Proteomics_pub	3445544	3445606	-	6	EAAIQVSNVAIFNAATGKADR	21
PPUB-3621	Proteomics_pub	3445553	3445606	-	6	EAAIQVSNVAIFNAATGK	18
PPUB-3622	Proteomics_pub	3445607	3445657	-	6	HQKVPALNQPGGIVEK	17
PPUB-3623	Proteomics_pub	3445607	3445660	-	6	KHQKVPALNQPGGIVEK	18
PPUB-3624	Proteomics_pub	3445658	3445690	-	6	VIVEGINLVKK	11
PPUB-3625	Proteomics_pub	3445661	3445690	-	6	VIVEGINLVK	10
PPUB-3626	Proteomics_pub	3445739	3445768	-	6	DDEVIVLTGK	10
PPUB-3627	Proteomics_pub	3445739	3445771	-	6	RDDEVIVLTGK	11
PPUB-3628	Proteomics_pub	3445878	3445937	-	4	FDGNACVLLNNSEQPIGTR	20
PPUB-3629	Proteomics_pub	3446052	3446081	-	4	RYAGVGDIIK	10
PPUB-3630	Proteomics_pub	3446052	3446078	-	4	YAGVGDIIK	9
PPUB-3631	Proteomics_pub	3446118	3446171	-	4	MIQEQTMLNVADNSGARR	18
PPUB-3632	Proteomics_pub	3446121	3446168	-	4	IQEQTMLNVADNSGAR	16
PPUB-3633	Proteomics_pub	3446121	3446171	-	4	MIQEQTMLNVADNSGAR	17
PPUB-3634	Proteomics_pub	3446348	3446377	-	6	SWTLVRVVEK	10
PPUB-3635	Proteomics_pub	3446405	3446461	-	6	LHVHDENNECGIGDVVEIR	19
PPUB-3636	Proteomics_pub	3446483	3446509	-	6	FVKHPIYGK	9
PPUB-3637	Proteomics_pub	3446593	3446619	-	5	TLLNEKAGA	9
PPUB-3638	Proteomics_pub	3446650	3446694	-	5	MQAASGQLQQSHLLK	15
PPUB-3639	Proteomics_pub	3446695	3446754	-	5	SVEELNTELLNLLREQFNLR	20
PPUB-3640	Proteomics_pub	3446713	3446760	-	5	EKSVEELNTELLNLLR	16
PPUB-3641	Proteomics_pub	3446713	3446754	-	5	SVEELNTELLNLLR	14
PPUB-3642	Proteomics_pub	3446850	3446891	-	4	VLYEMDGVPEELAR	14
PPUB-3643	Proteomics_pub	3446892	3446939	-	4	GKGNVEYWVALIQPGK	16
PPUB-3644	Proteomics_pub	3446892	3446933	-	4	GNVEYWVALIQPGK	14
PPUB-3645	Proteomics_pub	3447090	3447137	-	4	GLAQGTDVSVFGSFLK	16
PPUB-3646	Proteomics_pub	3447090	3447143	-	4	NRGLAQGTDVSVFGSFLK	18
PPUB-3647	Proteomics_pub	3447231	3447293	-	4	GEILGGMAAVEQPEKPAAQPK	21
PPUB-3648	Proteomics_pub	3447231	3447308	-	4	VWIFKGEILGGMAAVEQPEKPAAQPK	26
PPUB-3649	Proteomics_pub	3447309	3447368	-	4	ADIDYNTSEAHTTYGVIGVK	20
PPUB-3650	Proteomics_pub	3447369	3447398	-	4	EGRVPLHLTLR	10
PPUB-3651	Proteomics_pub	3447525	3447563	-	4	LVADSITSQLERR	13

PPUB-3652	Proteomics_pub	3447528	3447584	-	4	KPELDAKLVADSITSQLER	19
PPUB-3653	Proteomics_pub	3447528	3447563	-	4	LVADSITSQLER	12
PPUB-3654	Proteomics_pub	3447585	3447641	-	4	KVVADIAGVPAQINIAEVR	19
PPUB-3655	Proteomics_pub	3447585	3447638	-	4	VVADIAGVPAQINIAEVR	18
PPUB-3656	Proteomics_pub	3447669	3447710	-	4	VTIHTARPGIVIGK	14
PPUB-3657	Proteomics_pub	3447786	3447824	-	4	EFADNLDSDFKVR	13
PPUB-3658	Proteomics_pub	3447792	3447824	-	4	EFADNLDSDFK	11
PPUB-3659	Proteomics_pub	3447825	3447872	-	4	LGIVKPWNSTWFANTK	16
PPUB-3660	Proteomics_pub	3447926	3447961	-	6	RTSHITVVVSDR	12
PPUB-3661	Proteomics_pub	3447926	3447958	-	6	TSHITVVVSDR	11
PPUB-3662	Proteomics_pub	3448004	3448036	-	6	IFVDEGPSMKR	11
PPUB-3663	Proteomics_pub	3448007	3448036	-	6	IFVDEGPSMK	10
PPUB-3664	Proteomics_pub	3448037	3448108	-	6	VLESAIANAHEHNDGADIDDLKVTK	24
PPUB-3665	Proteomics_pub	3448046	3448111	-	6	KVLESAIANAHEHNDGADIDDLK	22
PPUB-3666	Proteomics_pub	3448046	3448108	-	6	VLESAIANAHEHNDGADIDDLK	21
PPUB-3667	Proteomics_pub	3448130	3448171	-	6	VSQALDILTYTNKK	14
PPUB-3668	Proteomics_pub	3448133	3448174	-	6	KVSQALDILTYTNK	14
PPUB-3669	Proteomics_pub	3448133	3448171	-	6	VSQALDILTYTNK	13
PPUB-3670	Proteomics_pub	3448175	3448201	-	6	LVADLIRGK	9
PPUB-3671	Proteomics_pub	3448288	3448314	-	5	TYRGHAADK	9
PPUB-3672	Proteomics_pub	3448315	3448338	-	5	LGEFAPTR	8
PPUB-3673	Proteomics_pub	3448339	3448383	-	5	QHVPVFTDEMVGHK	15
PPUB-3674	Proteomics_pub	3448384	3448440	-	5	RSTIFPNMIGLTIAVHNGR	19
PPUB-3675	Proteomics_pub	3448384	3448437	-	5	STIFPNMIGLTIAVHNGR	18
PPUB-3676	Proteomics_pub	3448453	3448485	-	5	AVESGDKKPLR	11
PPUB-3677	Proteomics_pub	3448498	3448527	-	5	GPFIDLHLLK	10
PPUB-3678	Proteomics_pub	3448498	3448530	-	5	KGPFIDLHLLK	11
PPUB-3679	Proteomics_pub	3448628	3448660	-	6	HPVTPWGVQTK	11
PPUB-3680	Proteomics_pub	3448628	3448672	-	6	NFGKHPVTPWGVQTK	15
PPUB-3681	Proteomics_pub	3448673	3448723	-	6	GTAMNPVDHPPHGGGEGR	17
PPUB-3682	Proteomics_pub	3448778	3448819	-	6	ATLGEVGNAEHMLR	14
PPUB-3683	Proteomics_pub	3448862	3448918	-	6	SAGTYVQIVARDGAYVTLR	19
PPUB-3684	Proteomics_pub	3448886	3448936	-	6	GGQLARSAGTYVQIVAR	17
PPUB-3685	Proteomics_pub	3448886	3448918	-	6	SAGTYVQIVAR	11
PPUB-3686	Proteomics_pub	3448919	3448987	-	6	NIPVGSTVHNEMKPGKGGQLAR	23
PPUB-3687	Proteomics_pub	3448937	3448987	-	6	NIPVGSTVHNEMKPGK	17
PPUB-3688	Proteomics_pub	3448988	3449053	-	6	AGDQIQSGVDAAIKPGNTLPMR	22
PPUB-3689	Proteomics_pub	3449096	3449125	-	6	SANIALVLYK	10
PPUB-3690	Proteomics_pub	3449126	3449173	-	6	DGIPAVVERLEYDPNR	16
PPUB-3691	Proteomics_pub	3449147	3449173	-	6	DGIPAVVER	9
PPUB-3692	Proteomics_pub	3449147	3449179	-	6	NKDGPVAVVER	11
PPUB-3693	Proteomics_pub	3449198	3449230	-	6	HIGGGHKQAYR	11
PPUB-3694	Proteomics_pub	3449270	3449308	-	6	GKPFAPLLEKNSK	13
PPUB-3695	Proteomics_pub	3449279	3449308	-	6	GKPFAPLLEK	10
PPUB-3696	Proteomics_pub	3449279	3449332	-	6	VVNPELHKGKPFAPLLEK	18
PPUB-3697	Proteomics_pub	3449309	3449332	-	6	VVNPELHK	8

PPUB-3698	Proteomics_pub	3449407	3449442	-	5	EGQNLDVFGGAE	12
PPUB-3699	Proteomics_pub	3449515	3449559	-	5	LFEVEVEVVNTLVVK	15
PPUB-3700	Proteomics_pub	3449608	3449649	-	5	ASTAMEKSNTIVLK	14
PPUB-3701	Proteomics_pub	3449650	3449679	-	5	VLRAPHVSEK	10
PPUB-3702	Proteomics_pub	3449754	3449798	-	4	DATGIDPVSLIAFDK	15
PPUB-3703	Proteomics_pub	3449754	3449810	-	4	VDVRDATGIDPVSLIAFDK	19
PPUB-3704	Proteomics_pub	3449823	3449891	-	4	DMALEDVLIITGELDENLFLAAR	23
PPUB-3705	Proteomics_pub	3449823	3449897	-	4	LKDMALEDVLIITGELDENLFLAAR	25
PPUB-3706	Proteomics_pub	3449940	3449966	-	4	QDRLIVVEK	9
PPUB-3707	Proteomics_pub	3449958	3449990	-	4	SILSELVRQDR	11
PPUB-3708	Proteomics_pub	3450024	3450071	-	4	SGGVTFAARPQDHSQK	16
PPUB-3709	Proteomics_pub	3450126	3450161	-	4	A EVTGSGKKPWR	12
PPUB-3710	Proteomics_pub	3450138	3450167	-	4	TRAEVTGSGK	10
PPUB-3711	Proteomics_pub	3450189	3450290	-	4	DAQSALTVSETTFGRDFNEALVHQVVVAYAAGAR	34
PPUB-3712	Proteomics_pub	3450189	3450245	-	4	DFNEALVHQVVVAYAAGAR	19
PPUB-3713	Proteomics_pub	3450246	3450290	-	4	DAQSALTVSETTFGR	15
PPUB-3714	Proteomics_pub	3450322	3450378	-	5	GAVPGATGSDLIVKPAVKA	19
PPUB-3715	Proteomics_pub	3450325	3450378	-	5	GAVPGATGSDLIVKPAVK	18
PPUB-3716	Proteomics_pub	3450412	3450468	-	5	MAGQMGNERVTVQSLDVVR	19
PPUB-3717	Proteomics_pub	3450412	3450441	-	5	VTVQSLDVVR	10
PPUB-3718	Proteomics_pub	3450442	3450471	-	5	KMAGQMGNER	10
PPUB-3719	Proteomics_pub	3450442	3450468	-	5	MAGQMGNER	9
PPUB-3720	Proteomics_pub	3450526	3450564	-	5	TQDATHGNSLSHR	13
PPUB-3721	Proteomics_pub	3450580	3450606	-	5	GKGFAGTVK	9
PPUB-3722	Proteomics_pub	3450634	3450699	-	5	LAEGEFTVQGSISVELFADVK	22
PPUB-3723	Proteomics_pub	3450739	3450771	-	5	VTKPEAGHFAK	11
PPUB-3724	Proteomics_pub	3450781	3450810	-	5	AIQVTTGAKK	10
PPUB-3725	Proteomics_pub	3450784	3450834	-	5	DLANDGYRAIQVTTGAK	17
PPUB-3726	Proteomics_pub	3450811	3450834	-	5	DLANDGYR	8
PPUB-3727	Proteomics_pub	3450811	3450849	-	5	VTQVKDLANDGYR	13
PPUB-3728	Proteomics_pub	3450835	3450909	-	5	IFTEDGVSIPVTVIEVEANRVTQVK	25
PPUB-3729	Proteomics_pub	3450850	3450909	-	5	IFTEDGVSIPVTVIEVEANR	20
PPUB-3730	Proteomics_pub	3451047	3451076	-	4	LVDIVEPTEK	10
PPUB-3731	Proteomics_pub	3451116	3451154	-	4	ERFTVLISPHVNK	13
PPUB-3732	Proteomics_pub	3451116	3451148	-	4	FTVLISPHVNK	11
PPUB-3733	Proteomics_pub	3451155	3451181	-	4	GPIPLPTRK	9
PPUB-3734	Proteomics_pub	3451158	3451181	-	4	GPIPLPTR	8
PPUB-3735	Proteomics_pub	3451200	3451244	-	4	LIDQATAEIVETAKR	15
PPUB-3736	Proteomics_pub	3451203	3451244	-	4	LIDQATAEIVETAK	14
PPUB-3737	Proteomics_pub	3451954	3451995	-	5	DEANISPETTVMKGK	14
PPUB-3738	Proteomics_pub	3464451	3464483	-	4	SDLALELDGAK	11
PPUB-3739	Proteomics_pub	3464484	3464519	-	4	LNIGEDVEMLR	12
PPUB-3740	Proteomics_pub	3464520	3464564	-	4	ILFLEGLPNLQDLGK	15
PPUB-3741	Proteomics_pub	3468179	3468217	-	6	EGGRTVGAGVVAK	13
PPUB-3742	Proteomics_pub	3468230	3468277	-	6	MVVTLIHPIAMDDGLR	16
PPUB-3743	Proteomics_pub	3468278	3468349	-	6	TTDVTGTIELPEGVEMVMPGDNIK	24

PPUB-3744	Proteomics_pub	3468350	3468376	-	6	GYRPQFYFR	9
PPUB-3745	Proteomics_pub	3468395	3468439	-	6	FESEVYILSKDEGGR	15
PPUB-3746	Proteomics_pub	3468410	3468439	-	6	FESEVYILSK	10
PPUB-3747	Proteomics_pub	3468440	3468484	-	6	GQVLAKPGTIKPHTK	15
PPUB-3748	Proteomics_pub	3468503	3468541	-	6	AGENVGVLLRGIK	13
PPUB-3749	Proteomics_pub	3468512	3468541	-	6	AGENVGVLLR	10
PPUB-3750	Proteomics_pub	3468512	3468559	-	6	LLDEGRAGENGVLLR	16
PPUB-3751	Proteomics_pub	3468560	3468592	-	6	STCTGVEMFRK	11
PPUB-3752	Proteomics_pub	3468563	3468592	-	6	STCTGVEMFR	10
PPUB-3753	Proteomics_pub	3468593	3468637	-	6	VGEEVEIVGIKETQK	15
PPUB-3754	Proteomics_pub	3468605	3468637	-	6	VGEEVEIVGIK	11
PPUB-3755	Proteomics_pub	3468680	3468736	-	6	AIDKPFLLPIEDVFSISGR	19
PPUB-3756	Proteomics_pub	3468680	3468787	-	6	ILELAGFLDSYIPEPERAIDKPFLLPIEDVFSISGR	36
PPUB-3757	Proteomics_pub	3468737	3468820	-	6	ALEGDAEWEAKILELAGFLDSYIPEPER	28
PPUB-3758	Proteomics_pub	3468737	3468787	-	6	ILELAGFLDSYIPEPER	17
PPUB-3759	Proteomics_pub	3468788	3468820	-	6	ALEGDAEWEAK	11
PPUB-3760	Proteomics_pub	3468788	3468835	-	6	GSALKALEGDAEWEAK	16
PPUB-3761	Proteomics_pub	3468836	3468886	-	6	ELLSQYDFPGDDTPIVR	17
PPUB-3762	Proteomics_pub	3468887	3468940	-	6	CDMVDDDEELLELVEMEV	18
PPUB-3763	Proteomics_pub	3468941	3468979	-	6	QVGVPYIIVFLNK	13
PPUB-3764	Proteomics_pub	3469001	3469081	-	6	NMITGAAQMDGAILVVAATDGPMPQTR	27
PPUB-3765	Proteomics_pub	3469082	3469126	-	6	HYAHVDCPGHADYVK	15
PPUB-3766	Proteomics_pub	3469127	3469180	-	6	ARGITINTSHVEYDTPTR	18
PPUB-3767	Proteomics_pub	3469127	3469174	-	6	GITINTSHVEYDTPTR	16
PPUB-3768	Proteomics_pub	3469175	3469216	-	6	AFDQIDNAPEEKAR	14
PPUB-3769	Proteomics_pub	3469181	3469216	-	6	AFDQIDNAPEEK	12
PPUB-3770	Proteomics_pub	3469181	3469237	-	6	TYGGAARAFDQIDNAPEEK	19
PPUB-3771	Proteomics_pub	3469217	3469276	-	6	TTLTAAITTVLAKTYGGAAR	20
PPUB-3772	Proteomics_pub	3469238	3469327	-	6	TKPHVNVGTIGHVDHGKTTLTAAITTVLAK	30
PPUB-3773	Proteomics_pub	3469238	3469276	-	6	TTLTAAITTVLAK	13
PPUB-3774	Proteomics_pub	3469277	3469327	-	6	TKPHVNVGTIGHVDHGK	17
PPUB-3775	Proteomics_pub	3469277	3469312	-	6	NFSIIAHIDHGK	12
PPUB-3776	Proteomics_pub	3469277	3469312	-	6	NIAIIAHVDHGK	12
PPUB-3777	Proteomics_pub	3469431	3469478	-	4	YDEAPSNVAQAVIEAR	16
PPUB-3778	Proteomics_pub	3469479	3469505	-	4	ASYTMEFLK	9
PPUB-3779	Proteomics_pub	3469479	3469511	-	4	GRASYTMEFLK	11
PPUB-3780	Proteomics_pub	3469524	3469577	-	4	IHAEVPLSEMFGYATQLR	18
PPUB-3781	Proteomics_pub	3469578	3469619	-	4	GMLKGQESEVTGVK	14
PPUB-3782	Proteomics_pub	3469578	3469607	-	4	GQESEVTGVK	10
PPUB-3783	Proteomics_pub	3469623	3469682	-	4	VEVETPEENTGDVIGDLSRR	20
PPUB-3784	Proteomics_pub	3469626	3469715	-	4	AKPVLLPEIMKVEVETPEENTGDVIGDLSR	30
PPUB-3785	Proteomics_pub	3469626	3469682	-	4	VEVETPEENTGDVIGDLSR	19
PPUB-3786	Proteomics_pub	3469683	3469715	-	4	AKPVLLPEIMK	11
PPUB-3787	Proteomics_pub	3469683	3469718	-	4	KAKPVLLPEIMK	12
PPUB-3788	Proteomics_pub	3469755	3469805	-	4	LHFGSYHDVDSSELAFK	17
PPUB-3789	Proteomics_pub	3469806	3469850	-	4	AGPLAGYPVVDMGIR	15

PPUB-3790	Proteomics_pub	3469872	3469913	-	4	GGVIPGEYIPAVDK	14
PPUB-3791	Proteomics_pub	3469914	3469940	-	4	GYEFINDIK	9
PPUB-3792	Proteomics_pub	3469941	3470000	-	4	GQYGHVVIDMYPLEPGSNPK	20
PPUB-3793	Proteomics_pub	3469941	3470015	-	4	QSGGRGQYGHVVIDMYPLEPGSNPK	25
PPUB-3794	Proteomics_pub	3470025	3470051	-	4	QKVTDVEGK	9
PPUB-3795	Proteomics_pub	3470052	3470111	-	4	EFNVEANVGKPPQVAYRETIR	20
PPUB-3796	Proteomics_pub	3470064	3470111	-	4	EFNVEANVGKPPQVAYR	16
PPUB-3797	Proteomics_pub	3470064	3470114	-	4	REFNVEANVGKPPQVAYR	17
PPUB-3798	Proteomics_pub	3470121	3470198	-	4	VWTDEESNQTIAGMGELHLDIIVDR	26
PPUB-3799	Proteomics_pub	3470199	3470225	-	4	LAKEDPSFR	9
PPUB-3800	Proteomics_pub	3470268	3470312	-	4	MEFPEPVISIAVEPK	15
PPUB-3801	Proteomics_pub	3470313	3470369	-	4	DVTTGDTLCDPDAPIILER	19
PPUB-3802	Proteomics_pub	3470370	3470402	-	4	AGDIAAAIGLK	11
PPUB-3803	Proteomics_pub	3470424	3470450	-	4	IVQMHANKR	9
PPUB-3804	Proteomics_pub	3470427	3470450	-	4	IVQMHANK	8
PPUB-3805	Proteomics_pub	3470475	3470525	-	4	VYSGVVNSGDTVLNSVK	17
PPUB-3806	Proteomics_pub	3470526	3470567	-	4	IATDPFVGNLFFR	14
PPUB-3807	Proteomics_pub	3470568	3470609	-	4	HASDDEPFSAFAFK	14
PPUB-3808	Proteomics_pub	3470610	3470717	-	4	GVQAMLDAPVIDYLPSPVDVPAINGILDDGKDTPAER	36
PPUB-3809	Proteomics_pub	3470628	3470717	-	4	GVQAMLDAPVIDYLPSPVDVPAINGILDDGK	30
PPUB-3810	Proteomics_pub	3470724	3470771	-	4	VLNNEIILVTCGSAFK	16
PPUB-3811	Proteomics_pub	3470790	3470828	-	4	YLGGEELTEAEIK	13
PPUB-3812	Proteomics_pub	3470829	3470969	-	4	AINWNDADQGVTFEYEDIPADMVELANEWHQNLIESAAEASEELMEK	47
PPUB-3813	Proteomics_pub	3470976	3471053	-	4	LGANPVPLQLAIGAEHFTGVVDLVK	26
PPUB-3814	Proteomics_pub	3470976	3471059	-	4	TRLGANPVPLQLAIGAEHFTGVVDLVK	28
PPUB-3815	Proteomics_pub	3471060	3471098	-	4	MGANFLKVVNQIK	13
PPUB-3816	Proteomics_pub	3471099	3471125	-	4	IAFVNKMDR	9
PPUB-3817	Proteomics_pub	3471153	3471224	-	4	VLDGAVMVYCAVGGVQPQSETVWR	24
PPUB-3818	Proteomics_pub	3471234	3471287	-	4	INIIDTPGHVDFDFTIEVER	18
PPUB-3819	Proteomics_pub	3471234	3471311	-	4	ASDGETYQLNFIDTPGHVDFSYEVS	26
PPUB-3820	Proteomics_pub	3471234	3471287	-	4	INIVDTPGHADFGGEVER	18
PPUB-3821	Proteomics_pub	3471306	3471359	-	4	GITITSAATTAFWSGMAK	18
PPUB-3822	Proteomics_pub	3471360	3471419	-	4	IGEVHDDAATMDWMEQEQR	20
PPUB-3823	Proteomics_pub	3471420	3471449	-	4	ILFYTGVNHK	10
PPUB-3824	Proteomics_pub	3471468	3471503	-	4	NIGISAHIDAGK	12
PPUB-3825	Proteomics_pub	3471468	3471509	-	4	YRNIGISAHIDAGK	14
PPUB-3826	Proteomics_pub	3471567	3471590	-	4	QPALGYLN	8
PPUB-3827	Proteomics_pub	3471567	3471623	-	4	SFSHQAGASSKQPALGYLN	19
PPUB-3828	Proteomics_pub	3471591	3471623	-	4	SFSHQAGASSK	11
PPUB-3829	Proteomics_pub	3471639	3471674	-	4	MAEANKAFAHYR	12
PPUB-3830	Proteomics_pub	3471696	3471746	-	4	LANELSDAAENKGTAVK	17
PPUB-3831	Proteomics_pub	3471711	3471746	-	4	LANELSDAAENK	12
PPUB-3832	Proteomics_pub	3471816	3471866	-	4	VGGSTYQVPVEVRPVR	17
PPUB-3833	Proteomics_pub	3471819	3471869	-	4	RVGGSTYQVPVEVRPVR	17
PPUB-3834	Proteomics_pub	3471819	3471866	-	4	VGGSTYQVPVEVRPVR	16
PPUB-3835	Proteomics_pub	3471876	3471935	-	4	SELEAFEVALENVRPTVEVK	20

PPUB-3836	Proteomics_pub	3471876	3471944	-	4	SGKSELEAFEVALENVRPTVEVK	23
PPUB-3837	Proteomics_pub	3471945	3471998	-	4	KSTAESIVYSALETLAQR	18
PPUB-3838	Proteomics_pub	3471945	3471995	-	4	STAESIVYSALETLAQR	17
PPUB-3839	Proteomics_pub	3471996	3472028	-	4	FVNILMVDGKK	11
PPUB-3840	Proteomics_pub	3471999	3472028	-	4	FVNILMVDGK	10
PPUB-3841	Proteomics_pub	3472029	3472070	-	4	ILPDPKFGSELLAK	14
PPUB-3842	Proteomics_pub	3472251	3472277	-	4	GALDCSGVK	9
PPUB-3843	Proteomics_pub	3472326	3472406	-	4	LTNGFEVTSYIGGEGHNLQEHSVILIR	27
PPUB-3844	Proteomics_pub	3472482	3472520	-	4	SNVPALEACPQKR	13
PPUB-3845	Proteomics_pub	3472485	3472520	-	4	SNVPALEACPQK	12
PPUB-3846	Proteomics_pub	3473743	3473769	-	5	SGDFQGQDK	9
PPUB-3847	Proteomics_pub	3474169	3474210	-	5	MLHDMTGADSSVSK	14
PPUB-3848	Proteomics_pub	3474211	3474243	-	5	IGSPITDLALR	11
PPUB-3849	Proteomics_pub	3474761	3474799	-	6	IKLVIPPELAYGK	13
PPUB-3850	Proteomics_pub	3474761	3474793	-	6	LVIPPELAYGK	11
PPUB-3851	Proteomics_pub	3474821	3474880	-	6	GEPLSFRLDGVIPGWTEGLK	20
PPUB-3852	Proteomics_pub	3474821	3474859	-	6	LDGVIPGWTEGLK	13
PPUB-3853	Proteomics_pub	3474881	3474904	-	6	EFDNSYTR	8
PPUB-3854	Proteomics_pub	3474881	3474925	-	6	GTLIDGKEFDNSYTR	15
PPUB-3855	Proteomics_pub	3474881	3474937	-	6	VHYTGKLDIDGTVFDSSVAR	19
PPUB-3856	Proteomics_pub	3474926	3474955	-	6	DSDTVVVVNYK	10
PPUB-3857	Proteomics_pub	3474956	3475015	-	6	TSSTGLVYQVVEAGKGEAPK	20
PPUB-3858	Proteomics_pub	3474971	3475015	-	6	TSSTGLVYQVVEAGK	15
PPUB-3859	Proteomics_pub	3475118	3475165	-	6	LSDQIEIQLQAFEAR	16
PPUB-3860	Proteomics_pub	3475172	3475213	-	6	DQLIAGVQDAFADK	14
PPUB-3861	Proteomics_pub	3475172	3475222	-	6	LDKDQLIAGVQDAFADK	17
PPUB-3862	Proteomics_pub	3475235	3475267	-	6	YMENSLKEQEK	11
PPUB-3863	Proteomics_pub	3475268	3475300	-	6	SAYALGASLGR	11
PPUB-3864	Proteomics_pub	3476100	3476126	-	4	FNVEVVAIR	9
PPUB-3865	Proteomics_pub	3476235	3476276	-	4	DVFMGVDELQVGMR	14
PPUB-3866	Proteomics_pub	3476286	3476348	-	4	FDVAVGANDAYGQYDENLVQR	21
PPUB-3867	Proteomics_pub	3476472	3476504	-	4	DLVVSLAYQVR	11
PPUB-3868	Proteomics_pub	3489759	3489836	-	4	ISQVPTHDVGPYQNVPSKPVVILSAK	26
PPUB-3869	Proteomics_pub	3489867	3489893	-	4	DFGYAVFGK	9
PPUB-3870	Proteomics_pub	3489894	3489959	-	4	DSATSQFFINVADNAFLDHGQR	22
PPUB-3871	Proteomics_pub	3490002	3490046	-	4	KPNPPIKNEADNGLR	15
PPUB-3872	Proteomics_pub	3490047	3490103	-	4	VIPGFMIQGGGFTEQMQQK	19
PPUB-3873	Proteomics_pub	3490053	3490103	-	4	VINGFMIQGGGFEPGMK	17
PPUB-3874	Proteomics_pub	3490104	3490175	-	4	APVSVQNFVDYVNSGFYNNTTFHR	24
PPUB-3875	Proteomics_pub	3490182	3490241	-	4	GDPHVLLTTSAGNIELELDK	20
PPUB-3876	Proteomics_pub	3510659	3510694	-	6	AVYEAIGFVAKP	12
PPUB-3877	Proteomics_pub	3510740	3510778	-	6	FRNDEAFLQQVMK	13
PPUB-3878	Proteomics_pub	3510740	3510772	-	6	NDEAFLQQVMK	11
PPUB-3879	Proteomics_pub	3510788	3510838	-	6	GEVADAVSGMLTELQER	17
PPUB-3880	Proteomics_pub	3510872	3510940	-	6	AGVSNLLDILSAVTGQSIPELEK	23
PPUB-3881	Proteomics_pub	3510941	3510994	-	6	AVTDSDEPPVVRYDVQNK	18

PPUB-3882	Proteomics_pub	3510959	3510994	-	6	AVTDSDEPPVVR	12
PPUB-3883	Proteomics_pub	3511019	3511051	-	6	NNVIGLLEDPK	11
PPUB-3884	Proteomics_pub	3511019	3511066	-	6	SDDNRNNVIGLLEDPK	16
PPUB-3885	Proteomics_pub	3511076	3511105	-	6	VMSLLEPTKK	10
PPUB-3886	Proteomics_pub	3511079	3511105	-	6	VMSLLEPTK	9
PPUB-3887	Proteomics_pub	3511118	3511171	-	6	FNALYGEIFKVPEPFIPK	18
PPUB-3888	Proteomics_pub	3511142	3511171	-	6	FNALYGEIFK	10
PPUB-3889	Proteomics_pub	3511187	3511258	-	6	DIALTIPNLPADEVVPGKDENDNVEVSR	28
PPUB-3890	Proteomics_pub	3511433	3511489	-	6	KATLDTLALYLACGIDPEK	19
PPUB-3891	Proteomics_pub	3511583	3511657	-	6	TKPIVFSGAQPSGELTIGNYMGALR	25
PPUB-3892	Proteomics_pub	3512563	3512589	-	5	IDESGFDIR	9
PPUB-3893	Proteomics_pub	3512563	3512592	-	5	RIDESGFDIR	10
PPUB-3894	Proteomics_pub	3512686	3512745	-	5	AGLVFNPATPLSYLDYVMDK	20
PPUB-3895	Proteomics_pub	3513031	3513075	-	5	QYLIAPSILSADFAR	15
PPUB-3896	Proteomics_pub	3514090	3514125	-	5	AVSTLPADVQAK	12
PPUB-3897	Proteomics_pub	3514090	3514128	-	5	KAVSTLPADVQAK	13
PPUB-3898	Proteomics_pub	3514189	3514215	-	5	NYVVYETTR	9
PPUB-3899	Proteomics_pub	3514231	3514305	-	5	SAPSSHYTLQLSSSSNYDNLNGWAK	25
PPUB-3900	Proteomics_pub	3514306	3514332	-	5	TAGNVGSLK	9
PPUB-3901	Proteomics_pub	3514333	3514407	-	5	ETATTAPVQTASPAQTTATPAAGAK	25
PPUB-3902	Proteomics_pub	3514408	3514440	-	5	APAATSTPAPK	11
PPUB-3903	Proteomics_pub	3514441	3514476	-	5	RTEPAAPVASTK	12
PPUB-3904	Proteomics_pub	3514477	3514509	-	5	TEPKPVAQTPK	11
PPUB-3905	Proteomics_pub	3514909	3514953	-	5	APSTTSSDQTASGEK	15
PPUB-3906	Proteomics_pub	3516281	3516313	-	6	SLIGPDGEQYK	11
PPUB-3907	Proteomics_pub	3516568	3516606	-	5	VVANQIIHMLESN	13
PPUB-3908	Proteomics_pub	3516628	3516696	-	5	EVLEALANERNPLYEEIADVTR	23
PPUB-3909	Proteomics_pub	3516628	3516666	-	5	NPLYEEIADVTR	13
PPUB-3910	Proteomics_pub	3516667	3516696	-	5	EVLEALANER	10
PPUB-3911	Proteomics_pub	3516667	3516729	-	5	RPLLHVETPPREVLEALANER	21
PPUB-3912	Proteomics_pub	3516697	3516729	-	5	RPLLHVETPPR	11
PPUB-3913	Proteomics_pub	3516760	3516795	-	5	GVVVYLETTIEK	12
PPUB-3914	Proteomics_pub	3516829	3516867	-	5	QGIVLATGGGSVK	13
PPUB-3915	Proteomics_pub	3516961	3517020	-	5	QLAQQLNMEFYDSDQEIEKR	20
PPUB-3916	Proteomics_pub	3517036	3517071	-	5	NIFLVGPMGAGK	12
PPUB-3917	Proteomics_pub	3517036	3517074	-	5	RNIFLVGPMGAGK	13
PPUB-3918	Proteomics_pub	3523890	3523934	-	4	GLIDPGESVYEAANR	15
PPUB-3919	Proteomics_pub	3524118	3524162	-	4	SLQKPTILNVETVAR	15
PPUB-3920	Proteomics_pub	3526137	3526175	-	4	SCLLNGSVEVAPR	13
PPUB-3921	Proteomics_pub	3534181	3534240	-	5	QANELPGAPSQEEAVIAFGK	20
PPUB-3922	Proteomics_pub	3534181	3534243	-	5	RQANELPGAPSQEEAVIAFGK	21
PPUB-3923	Proteomics_pub	3534277	3534333	-	5	ILGLEIGADDYITKPFNPR	19
PPUB-3924	Proteomics_pub	3534481	3534510	-	5	SVANAEQMDR	10
PPUB-3925	Proteomics_pub	3534511	3534540	-	5	YLTEQGFQVR	10
PPUB-3926	Proteomics_pub	3546236	3546271	-	6	ASLMSMTPTLNR	12
PPUB-3927	Proteomics_pub	3546785	3546814	-	6	AYEPFIELLR	10

PPUB-3928	Proteomics_pub	3548297	3548332	-	6	HAFDQMLHSIGK	12
PPUB-3929	Proteomics_pub	3548441	3548491	-	6	VGEENIFIFGHTVEQVK	17
PPUB-3930	Proteomics_pub	3548558	3548584	-	6	EASGTGNMK	9
PPUB-3931	Proteomics_pub	3548585	3548632	-	6	LIPAADISEQISTAGK	16
PPUB-3932	Proteomics_pub	3548633	3548674	-	6	VVFLPDYCVSAAEK	14
PPUB-3933	Proteomics_pub	3548675	3548722	-	6	VADVINDPLVGDKLK	16
PPUB-3934	Proteomics_pub	3548681	3548722	-	6	VADVINDPLVGDK	14
PPUB-3935	Proteomics_pub	3548747	3548773	-	6	AAPGYLAK	9
PPUB-3936	Proteomics_pub	3549029	3549070	-	6	EWANDLDQLINLEK	14
PPUB-3937	Proteomics_pub	3549083	3549118	-	6	QCNPALAALLDK	12
PPUB-3938	Proteomics_pub	3549362	3549394	-	6	HMQIINEINTR	11
PPUB-3939	Proteomics_pub	3549431	3549478	-	6	TFAYTNHTLMPEALER	16
PPUB-3940	Proteomics_pub	3549698	3549733	-	6	VLYPNDNHTAGK	12
PPUB-3941	Proteomics_pub	3549773	3549796	-	6	FNDGDFLR	8
PPUB-3942	Proteomics_pub	3549839	3549862	-	6	NGVAQPLR	8
PPUB-3943	Proteomics_pub	3549941	3549982	-	6	HNEALDVQVGIGGK	14
PPUB-3944	Proteomics_pub	3549983	3550003	-	6	SNYPWFR	7
PPUB-3945	Proteomics_pub	3550004	3550033	-	6	QVEAPDDWHR	10
PPUB-3946	Proteomics_pub	3550217	3550276	-	6	LTGNLLNLGWYQDVQDSLK	20
PPUB-3947	Proteomics_pub	3550316	3550351	-	6	AQPFAPVANQR	12
PPUB-3948	Proteomics_pub	3550352	3550396	-	6	QWWLAVSEALAEMLR	15
PPUB-3949	Proteomics_pub	3550397	3550432	-	6	YGLNSAAEMTPR	12
PPUB-3950	Proteomics_pub	3550469	3550492	-	6	SQPIFNDK	8
PPUB-3951	Proteomics_pub	3559287	3559313	-	4	FLENPADPR	9
PPUB-3952	Proteomics_pub	3559443	3559475	-	4	MLMITSFANPR	11
PPUB-3953	Proteomics_pub	3562502	3562552	-	6	VGEENIFIFGHTVEQVK	17
PPUB-3954	Proteomics_pub	3562736	3562783	-	6	VADVINDPLVGDKLK	16
PPUB-3955	Proteomics_pub	3562742	3562783	-	6	VADVINDPLVGDK	14
PPUB-3956	Proteomics_pub	3565880	3565912	-	6	RGVTDAQVVS	11
PPUB-3957	Proteomics_pub	3565910	3565942	-	6	VLLPAFPDIRR	11
PPUB-3958	Proteomics_pub	3570236	3570274	-	6	KEGEWIPNEFGGR	13
PPUB-3959	Proteomics_pub	3571819	3571899	-	5	LNMGPEFLSAFTVGDQLLWGAAEPLRR	27
PPUB-3960	Proteomics_pub	3571909	3571959	-	5	ELTPAAVTGTLTPVGR	17
PPUB-3961	Proteomics_pub	3571993	3572049	-	5	DVSIPTVEELLAHNPWAK	19
PPUB-3962	Proteomics_pub	3572059	3572085	-	5	CHSQAFTIK	9
PPUB-3963	Proteomics_pub	3572101	3572148	-	5	ILNTSSVIPVDGLCVR	16
PPUB-3964	Proteomics_pub	3572149	3572181	-	5	EEWKGQAEATNK	11
PPUB-3965	Proteomics_pub	3572182	3572205	-	5	QLDNGQSR	8
PPUB-3966	Proteomics_pub	3572206	3572274	-	5	SGELPVDNFGVPLAGSLIPWIDK	23
PPUB-3967	Proteomics_pub	3572296	3572382	-	5	ELLTQMGHLYGHVADELATPSSAILDIER	29
PPUB-3968	Proteomics_pub	3572518	3572589	-	5	DDAIIILDVPVNDVITDGLNNGIR	24
PPUB-3969	Proteomics_pub	3572518	3572595	-	5	MKDDAIIILDVPVNDVITDGLNNGIR	26
PPUB-3970	Proteomics_pub	3572596	3572643	-	5	ESGWQGYWIDAASSLR	16
PPUB-3971	Proteomics_pub	3572596	3572649	-	5	LRESGWQGYWIDAASSLR	18
PPUB-3972	Proteomics_pub	3572650	3572709	-	5	ALDIIVTCQGGDYTNEIYPK	20
PPUB-3973	Proteomics_pub	3572710	3572826	-	5	DFDAIRPVFFSTSQLGQAAPSGGTTGLQDAFDLEALK	39

PPUB-3974	Proteomics_pub	3572842	3572871	-	5	GMVGSVLMQR	10
PPUB-3975	Proteomics_pub	3572872	3572895	-	5	NVGFIGWR	8
PPUB-3976	Proteomics_pub	3576207	3576242	-	4	QMTTAAIARGHR	12
PPUB-3977	Proteomics_pub	3576558	3576590	-	4	APDILSNATSR	11
PPUB-3978	Proteomics_pub	3576639	3576668	-	4	NPEQVSVALR	10
PPUB-3979	Proteomics_pub	3577794	3577835	-	4	GFEQASPSTVTLAK	14
PPUB-3980	Proteomics_pub	3577836	3577874	-	4	ESEVLTNLEILER	13
PPUB-3981	Proteomics_pub	3577875	3577928	-	4	VYDALYQTITHGAPNYVK	18
PPUB-3982	Proteomics_pub	3577929	3577964	-	4	EEMKPEMGDYGR	12
PPUB-3983	Proteomics_pub	3578055	3578087	-	4	YGIDQQETSLK	11
PPUB-3984	Proteomics_pub	3578169	3578219	-	4	ANPDDTFEAQLFYGDLK	17
PPUB-3985	Proteomics_pub	3578454	3578483	-	4	GLTVTPYQNR	10
PPUB-3986	Proteomics_pub	3578511	3578558	-	4	NVLVEKPFPTLAQAK	16
PPUB-3987	Proteomics_pub	3578721	3578750	-	4	DSWHVAHIFR	10
PPUB-3988	Proteomics_pub	3578793	3578828	-	4	MVINCAFIGFGK	12
PPUB-3989	Proteomics_pub	3589596	3589646	-	4	AVLDELNKGDFAAALAK	17
PPUB-3990	Proteomics_pub	3594477	3594533	-	4	GFDGFGVFWHADGSSTAAK	19
PPUB-3991	Proteomics_pub	3594603	3594635	-	4	TGSDEPLALVK	11
PPUB-3992	Proteomics_pub	3594717	3594764	-	4	RYDQDPANQGIVDALK	16
PPUB-3993	Proteomics_pub	3595047	3595073	-	4	QQYGEGLAR	9
PPUB-3994	Proteomics_pub	3595047	3595073	-	4	QQYGEGLAR	9
PPUB-3995	Proteomics_pub	3595347	3595385	-	4	LVGVEYDDACDPK	13
PPUB-3996	Proteomics_pub	3596581	3596637	-	5	GFDGFGVFWHADGSSTAAK	19
PPUB-3997	Proteomics_pub	3596707	3596808	-	5	KQDPSGAFVWTTYAALQSLQAGLNQSDPAEIAK	34
PPUB-3998	Proteomics_pub	3597145	3597171	-	5	QQYGEGLAR	9
PPUB-3999	Proteomics_pub	3597145	3597171	-	5	QQYGEGLAR	9
PPUB-4000	Proteomics_pub	3598543	3598593	-	5	GLQFLDLIQEGNIGLMK	17
PPUB-4001	Proteomics_pub	3600336	3600371	-	4	YPLHLSGGQQQR	12
PPUB-4002	Proteomics_pub	3600336	3600380	-	4	AHHYPSELSSGGQQQR	15
PPUB-4003	Proteomics_pub	3600776	3600814	-	6	ADDFIEALFARED	13
PPUB-4004	Proteomics_pub	3600815	3600838	-	6	IEDLRPFK	8
PPUB-4005	Proteomics_pub	3600926	3600970	-	6	LFHEAVGLTGITLTK	15
PPUB-4006	Proteomics_pub	3601109	3601144	-	6	NIDVLIADTAGR	12
PPUB-4007	Proteomics_pub	3601394	3601423	-	6	VDEPLNVEGK	10
PPUB-4008	Proteomics_pub	3601451	3601480	-	6	DAEALYGLLK	10
PPUB-4009	Proteomics_pub	3601493	3601525	-	6	IITNLTEGASR	11
PPUB-4010	Proteomics_pub	3601493	3601528	-	6	KIITNLTEGASR	12
PPUB-4011	Proteomics_pub	3601610	3601645	-	6	ENLGSFGFISLFR	12
PPUB-4012	Proteomics_pub	3601610	3601651	-	6	TKENLGSFGFISLFR	14
PPUB-4013	Proteomics_pub	3602018	3602128	-	6	ASEQAVEEQQAHTAEAEETFAADVVEVTEQVAESEK	37
PPUB-4014	Proteomics_pub	3602213	3602245	-	6	GFFSWLGFQK	11
PPUB-4015	Proteomics_pub	3626233	3626301	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-4016	Proteomics_pub	3627013	3627081	-	5	ALAINPDILLMDEAFSALDPLIR	23
PPUB-4017	Proteomics_pub	3628383	3628415	-	4	EGEVLAKMDTR	11
PPUB-4018	Proteomics_pub	3634513	3634551	-	5	LQQLGQIPDVSLK	13
PPUB-4019	Proteomics_pub	3634909	3634971	-	5	LVIATGGLSMPGLGASPFQYK	21

PPUB-4020	Proteomics_pub	3641259	3641297	-	4	ETGQSFLDNILSR	13
PPUB-4021	Proteomics_pub	3641298	3641324	-	4	FEEEGIFNR	9
PPUB-4022	Proteomics_pub	3641424	3641459	-	4	LVAVVPSPSWGR	12
PPUB-4023	Proteomics_pub	3641556	3641585	-	4	NYQAALFILR	10
PPUB-4024	Proteomics_pub	3641994	3642029	-	4	FFELYDENNELR	12
PPUB-4025	Proteomics_pub	3642090	3642122	-	4	AVNGLFEVVKR	11
PPUB-4026	Proteomics_pub	3642186	3642242	-	4	AEFGVDELQPWDIAYYSEK	19
PPUB-4027	Proteomics_pub	3642768	3642821	-	4	AVDNALRDFELSGIGLPK	18
PPUB-4028	Proteomics_pub	3642768	3642800	-	4	DFELSGIGLPK	11
PPUB-4029	Proteomics_pub	3642825	3642863	-	4	DGDHYATLNTAQK	13
PPUB-4030	Proteomics_pub	3642975	3643010	-	4	IFSPVSHLNSVK	12
PPUB-4031	Proteomics_pub	3643122	3643157	-	4	ILPEHVVPVAVTK	12
PPUB-4032	Proteomics_pub	3664212	3664244	-	4	LQGIAQQNSFK	11
PPUB-4033	Proteomics_pub	3664212	3664244	-	4	LQGIAQQNSFK	11
PPUB-4034	Proteomics_pub	3664245	3664265	-	4	YLSDHPK	7
PPUB-4035	Proteomics_pub	3664410	3664454	-	4	DGEDPGYTLYDLSEK	15
PPUB-4036	Proteomics_pub	3664410	3664460	-	4	LKDGEDPGYTLYDLSEK	17
PPUB-4037	Proteomics_pub	3664410	3664454	-	4	DGEDPGYTLYDLSEK	15
PPUB-4038	Proteomics_pub	3664410	3664460	-	4	LKDGEDPGYTLYDLSEK	17
PPUB-4039	Proteomics_pub	3664461	3664526	-	4	LGPFYFICTGRPDEGIPAVCFK	22
PPUB-4040	Proteomics_pub	3664527	3664580	-	4	VQNASYQVAAYLADEIAK	18
PPUB-4041	Proteomics_pub	3665100	3665171	-	4	MEAAGKPTDKPNLVCGPVQICWHK	24
PPUB-4042	Proteomics_pub	3665307	3665342	-	4	EEYPQSAADLR	12
PPUB-4043	Proteomics_pub	3665307	3665357	-	4	NWIDKEEYPQSAADLR	17
PPUB-4044	Proteomics_pub	3665307	3665342	-	4	EEYPQSAADLR	12
PPUB-4045	Proteomics_pub	3665382	3665432	-	4	QNLATFCQTWDDENVHK	17
PPUB-4046	Proteomics_pub	3665433	3665489	-	4	DDVAFQIINDELYLDGNAR	19
PPUB-4047	Proteomics_pub	3678707	3678754	-	6	SLQNQVVDIAPEQYQK	16
PPUB-4048	Proteomics_pub	3678926	3678964	-	6	AQCAINIESPNDK	13
PPUB-4049	Proteomics_pub	3679151	3679186	-	6	AEAVSIMTDAVR	12
PPUB-4050	Proteomics_pub	3679187	3679225	-	6	ETPAPVPTLSPLR	13
PPUB-4051	Proteomics_pub	3679520	3679555	-	6	EALSYLANATGK	12
PPUB-4052	Proteomics_pub	3679640	3679669	-	6	SLWQQGIDPK	10
PPUB-4053	Proteomics_pub	3679670	3679714	-	6	IALTQSGGLDAAQAR	15
PPUB-4054	Proteomics_pub	3679715	3679783	-	6	LLVNTGSLAESTQQSGYSHAIPR	23
PPUB-4055	Proteomics_pub	3700301	3700369	-	6	ALAINPDILLMDEAFSALDPLIR	23
PPUB-4056	Proteomics_pub	3701734	3701775	-	5	GAIVGIIGPNGAGK	14
PPUB-4057	Proteomics_pub	3704151	3704177	-	4	GYVVDPLGK	9
PPUB-4058	Proteomics_pub	3704304	3704345	-	4	WCYKPFEDLIQPAR	14
PPUB-4059	Proteomics_pub	3704472	3704504	-	4	IVTYEWGEYLK	11
PPUB-4060	Proteomics_pub	3704523	3704555	-	4	MAEMIQADWAK	11
PPUB-4061	Proteomics_pub	3704724	3704756	-	4	AVYQGAGVSAK	11
PPUB-4062	Proteomics_pub	3704772	3704798	-	4	QALTYAVNK	9
PPUB-4063	Proteomics_pub	3704826	3704888	-	4	SINLMEMPGLNVGYLSYNVQK	21
PPUB-4064	Proteomics_pub	3704970	3705047	-	4	AFDGYWGTKPQIDTLVFSITPDASVR	26
PPUB-4065	Proteomics_pub	3705069	3705122	-	4	LDLNPIGTGPFQLQQYQK	18

PPUB-4066	Proteomics_pub	3705357	3705395	-	4	ELNADDVVFSFDR	13
PPUB-4067	Proteomics_pub	3705486	3705524	-	4	IGTTEVIPGLAEK	13
PPUB-4068	Proteomics_pub	3705540	3705641	-	4	TLVYCSEGSPEGFNPQLFTSGTTYDASSVPLYNR	34
PPUB-4069	Proteomics_pub	3714187	3714225	-	5	GFLASPENPQGIR	13
PPUB-4070	Proteomics_pub	3714274	3714321	-	5	GALATGMENSLQSAVR	16
PPUB-4071	Proteomics_pub	3716603	3716647	-	6	QSDDLKPVFDQAFTK	15
PPUB-4072	Proteomics_pub	3716732	3716770	-	6	VPQDYVTQSGPLR	13
PPUB-4073	Proteomics_pub	3716888	3716914	-	6	LPTLTADQK	9
PPUB-4074	Proteomics_pub	3716927	3716962	-	6	AFIDFLQNTVMR	12
PPUB-4075	Proteomics_pub	3720486	3720521	-	4	YQDALVELAELR	12
PPUB-4076	Proteomics_pub	3720522	3720554	-	4	DKLEPYFTEGR	11
PPUB-4077	Proteomics_pub	3720522	3720548	-	4	LEPYFTEGR	9
PPUB-4078	Proteomics_pub	3720582	3720620	-	4	VNASTLKEPEEIK	13
PPUB-4079	Proteomics_pub	3720666	3720707	-	4	TLDAAAALAAANKR	14
PPUB-4080	Proteomics_pub	3720669	3720707	-	4	TLDAAAALAAANK	13
PPUB-4081	Proteomics_pub	3720828	3720878	-	4	LTNANVVDDVIDFMLGR	17
PPUB-4082	Proteomics_pub	3720894	3720938	-	4	NLNLDLQTLTEEAVR	15
PPUB-4083	Proteomics_pub	3721005	3721049	-	4	MDTLAGIFGIGQHPK	15
PPUB-4084	Proteomics_pub	3721050	3721109	-	4	FAGDDLPSNPVACALAIADK	20
PPUB-4085	Proteomics_pub	3721110	3721166	-	4	HDGEAEDVAVALNEQYQPR	19
PPUB-4086	Proteomics_pub	3721257	3721319	-	4	IQALAGWIAEQIGADVNHATR	21
PPUB-4087	Proteomics_pub	3721329	3721376	-	4	LQTVLFFQQQLGTLRDK	16
PPUB-4088	Proteomics_pub	3721335	3721397	-	4	LEDNLPRLQTVLFFQQQLGTLR	21
PPUB-4089	Proteomics_pub	3721335	3721376	-	4	LQTVLFFQQQLGTLR	14
PPUB-4090	Proteomics_pub	3721377	3721400	-	4	RLEDNLPR	8
PPUB-4091	Proteomics_pub	3721404	3721442	-	4	LADAEFFNTDRK	13
PPUB-4092	Proteomics_pub	3721407	3721442	-	4	LADAEFFNTDR	12
PPUB-4093	Proteomics_pub	3721458	3721490	-	4	DPQQIISGNEK	11
PPUB-4094	Proteomics_pub	3721533	3721562	-	4	YFPVYANDGK	10
PPUB-4095	Proteomics_pub	3721575	3721616	-	4	FLAVPAEALVYTMK	14
PPUB-4096	Proteomics_pub	3721629	3721712	-	4	IGGNADLSESLLEEVASLVEWPVLTAK	28
PPUB-4097	Proteomics_pub	3721629	3721715	-	4	KIGGNADLSESLLEEVASLVEWPVLTAK	29
PPUB-4098	Proteomics_pub	3721716	3721745	-	4	IKADAEAAAR	10
PPUB-4099	Proteomics_pub	3721791	3721850	-	4	FMGEPEFTIDNADQYPEILR	20
PPUB-4100	Proteomics_pub	3721869	3721907	-	4	VIPATILGIQSDR	13
PPUB-4101	Proteomics_pub	3721908	3721973	-	4	WGASDVHFVRPVHTVTLGDK	22
PPUB-4102	Proteomics_pub	3721998	3722063	-	4	AHVKGESTEALLPNMVATSLAK	22
PPUB-4103	Proteomics_pub	3722064	3722084	-	4	GEWLLYR	7
PPUB-4104	Proteomics_pub	3722064	3722099	-	4	LTTDKGEWLLYR	12
PPUB-4105	Proteomics_pub	3722100	3722132	-	4	GCGITVDQAER	11
PPUB-4106	Proteomics_pub	3722154	3722201	-	4	GPAIAQAFDAEGKPSK	16
PPUB-4107	Proteomics_pub	3722154	3722204	-	4	RGPAIAQAFDAEGKPSK	17
PPUB-4108	Proteomics_pub	3722205	3722249	-	4	VANLAEAQPDREIEK	15
PPUB-4109	Proteomics_pub	3722439	3722468	-	4	EALGFPMCCK	10
PPUB-4110	Proteomics_pub	3722469	3722498	-	4	AVAEAYYASR	10
PPUB-4111	Proteomics_pub	3722559	3722591	-	4	AAHSFNLLDAR	11

PPUB-4112	Proteomics_pub	3722601	3722657	-	4	EAQQLLALENPLPLPAYER	19
PPUB-4113	Proteomics_pub	3722997	3723032	-	4	ELGMDPTIHDR	12
PPUB-4114	Proteomics_pub	3723201	3723275	-	4	QGCTIVQPLDMEVGAGTSHPMTCRLR	25
PPUB-4115	Proteomics_pub	3723276	3723320	-	4	TFQGLILTLQDYWAR	15
PPUB-4116	Proteomics_pub	3749196	3749234	-	4	LSDEVTDSMPVDK	13
PPUB-4117	Proteomics_pub	3755371	3755454	-	5	MIAVTTTSGTGSEVTPFAVVTDDATGQK	28
PPUB-4118	Proteomics_pub	3755536	3755613	-	5	GAELANSFKPDVIALGGGSPMDAAK	26
PPUB-4119	Proteomics_pub	3757606	3757686	-	5	NMITGAAQMDGAILVVAATDGPMPQTR	27
PPUB-4120	Proteomics_pub	3759604	3759651	-	5	EQARPAAQSEDELLR	16
PPUB-4121	Proteomics_pub	3759652	3759702	-	5	IEALADGIMDAGLVSVR	17
PPUB-4122	Proteomics_pub	3759940	3759972	-	5	LVGSYTSFVVR	11
PPUB-4123	Proteomics_pub	3779860	3779928	-	5	IGAGSVVLQVPPHTTAAGVPAR	23
PPUB-4124	Proteomics_pub	3779938	3779964	-	5	ILGNIEVGR	9
PPUB-4125	Proteomics_pub	3780268	3780294	-	5	YSTPLLYLK	9
PPUB-4126	Proteomics_pub	3780394	3780429	-	5	LSSPIMPAIAIR	12
PPUB-4127	Proteomics_pub	3780821	3780847	-	6	IGQVVEGYR	9
PPUB-4128	Proteomics_pub	3781687	3781791	-	5	GTFPQLNLPVNFDAFMNYLQQAGEGTEEHQDA	35
PPUB-4129	Proteomics_pub	3781792	3781818	-	5	ECITSMVSR	9
PPUB-4130	Proteomics_pub	3781969	3782049	-	5	DWQPEVKLDLDTASSQLADDVYEVVLR	27
PPUB-4131	Proteomics_pub	3781969	3782028	-	5	LDLDTASSQLADDVYEVVLR	20
PPUB-4132	Proteomics_pub	3782050	3782094	-	5	DISFEAPNAPHVFQK	15
PPUB-4133	Proteomics_pub	3782107	3782148	-	5	SEQNNTMTFQIQR	14
PPUB-4134	Proteomics_pub	3782241	3782315	-	4	TTVPQIFIDAQHIGGCDDLALDAR	25
PPUB-4135	Proteomics_pub	3782346	3782390	-	4	GVSFQELPIDGNAAK	15
PPUB-4136	Proteomics_pub	3782616	3782660	-	4	EGVAGWAGENLPLVR	15
PPUB-4137	Proteomics_pub	3782661	3782690	-	4	AGFAQVFVLK	10
PPUB-4138	Proteomics_pub	3782691	3782759	-	4	DKPVIVVDGSGMQCQEPANALTK	23
PPUB-4139	Proteomics_pub	3782766	3782792	-	4	ANNVGELEK	9
PPUB-4140	Proteomics_pub	3782793	3782837	-	4	GHIAGSINLLPSEIK	15
PPUB-4141	Proteomics_pub	3782859	3782897	-	4	LINKEDAVVVDLR	13
PPUB-4142	Proteomics_pub	3788400	3788423	-	4	FSIDDFQK	8
PPUB-4143	Proteomics_pub	3788424	3788477	-	4	MAALIQSGLDLSPITHR	18
PPUB-4144	Proteomics_pub	3788769	3788801	-	4	NVVITDVNEYR	11
PPUB-4145	Proteomics_pub	3789078	3789116	-	4	VSGEGHITCGHCR	13
PPUB-4146	Proteomics_pub	3789276	3789344	-	4	AEEGIWMTDVPVPELGHNDLLIK	23
PPUB-4147	Proteomics_pub	3789429	3789470	-	4	TQMSAAHTPEQITR	14
PPUB-4148	Proteomics_pub	3789489	3789533	-	4	EGIYVTGFFYPVVPK	15
PPUB-4149	Proteomics_pub	3789714	3789773	-	4	SRPYLFSNSLAPAIVAASIK	20
PPUB-4150	Proteomics_pub	3789801	3789842	-	4	ALGGASGGYTAARK	14
PPUB-4151	Proteomics_pub	3789804	3789842	-	4	ALGGASGGYTAAR	13
PPUB-4152	Proteomics_pub	3789843	3789872	-	4	VDIITGTLGK	10
PPUB-4153	Proteomics_pub	3789873	3789905	-	4	GSHEYCDVMGR	11
PPUB-4154	Proteomics_pub	3790083	3790118	-	4	YANNDMQELEAR	12
PPUB-4155	Proteomics_pub	3790305	3790334	-	4	FICGTQDSHK	10
PPUB-4156	Proteomics_pub	3790335	3790376	-	4	AGMDSHGFGMASVR	14
PPUB-4157	Proteomics_pub	3790524	3790568	-	4	GEFYQQLTNDLETAR	15

PPUB-4158	Proteomics_pub	3809360	3809410	-	6	LVSSAGTGHFYTTTKNK	17
PPUB-4159	Proteomics_pub	3809366	3809416	-	6	IKLVSSAGTGHFYTTTK	17
PPUB-4160	Proteomics_pub	3809366	3809410	-	6	LVSSAGTGHFYTTTK	15
PPUB-4161	Proteomics_pub	3809482	3809511	-	5	GIDTVLAELR	10
PPUB-4162	Proteomics_pub	3809482	3809514	-	5	KGIDTVLAELR	11
PPUB-4163	Proteomics_pub	3809563	3809586	-	5	FWVESEKR	8
PPUB-4164	Proteomics_pub	3809587	3809613	-	5	FLPNLHSHR	9
PPUB-4165	Proteomics_pub	3809587	3809616	-	5	RFLPNLHSHR	10
PPUB-4166	Proteomics_pub	3809617	3809643	-	5	SHALNATKR	9
PPUB-4167	Proteomics_pub	3809644	3809688	-	5	VCQVTGKRVPVTGNNR	15
PPUB-4168	Proteomics_pub	3809668	3809694	-	5	SRVCQVTGK	9
PPUB-4169	Proteomics_pub	3813276	3813308	-	4	GEISAIQEVER	11
PPUB-4170	Proteomics_pub	3813276	3813314	-	4	GRGEISAIQEVER	13
PPUB-4171	Proteomics_pub	3813435	3813482	-	4	DHGEGGNLVGSALQGR	16
PPUB-4172	Proteomics_pub	3813660	3813704	-	4	KSPYFFNAGLFNTGR	15
PPUB-4173	Proteomics_pub	3813660	3813701	-	4	SPYFFNAGLFNTGR	14
PPUB-4174	Proteomics_pub	3813747	3813773	-	4	QFIEFALSK	9
PPUB-4175	Proteomics_pub	3814144	3814194	-	5	TASITGACVALVDALQK	17
PPUB-4176	Proteomics_pub	3814426	3814464	-	5	VLCTASIEEGVPR	13
PPUB-4177	Proteomics_pub	3814465	3814506	-	5	HAEGSVLVEFGDTK	14
PPUB-4178	Proteomics_pub	3814519	3814554	-	5	SNNQVRPVTLTR	12
PPUB-4179	Proteomics_pub	3837312	3837368	-	4	DGIFVEDKESPYVNLIVTR	19
PPUB-4180	Proteomics_pub	3837582	3837647	-	4	SLDELQDGSQVAVPNDPTNLGR	22
PPUB-4181	Proteomics_pub	3837657	3837707	-	4	LVAVGNTFVYPIAGYSK	17
PPUB-4182	Proteomics_pub	3837861	3837911	-	4	VGVIVGAEQQVAEVAQK	17
PPUB-4183	Proteomics_pub	3864495	3864527	-	4	IAISERPALNS	11
PPUB-4184	Proteomics_pub	3864528	3864557	-	4	NEPEPIAAQR	10
PPUB-4185	Proteomics_pub	3864558	3864602	-	4	GANLVNGLLYIDLER	15
PPUB-4186	Proteomics_pub	3864678	3864707	-	4	GTPEQPKEEK	10
PPUB-4187	Proteomics_pub	3864720	3864755	-	4	QEDLEIQLEGTR	12
PPUB-4188	Proteomics_pub	3864756	3864782	-	4	ITLALAGFR	9
PPUB-4189	Proteomics_pub	3864783	3864803	-	4	SDDNHYR	7
PPUB-4190	Proteomics_pub	3864888	3864920	-	4	MRNFDLSPLYR	11
PPUB-4191	Proteomics_pub	3864888	3864914	-	4	NFDLSPLMR	9
PPUB-4192	Proteomics_pub	3865077	3865121	-	4	GANLVNGLLYIDLER	15
PPUB-4193	Proteomics_pub	3865122	3865151	-	4	FQLAENIHVR	10
PPUB-4194	Proteomics_pub	3865122	3865154	-	4	KFQLAENIHVR	11
PPUB-4195	Proteomics_pub	3865167	3865196	-	4	TYLYQGIAER	10
PPUB-4196	Proteomics_pub	3865197	3865226	-	4	GAHADEQKER	10
PPUB-4197	Proteomics_pub	3865302	3865391	-	4	LFNHLENNQSQSNGGYPPYNVELVDENHYR	30
PPUB-4198	Proteomics_pub	3865413	3865445	-	4	MRNFDLSPLYR	11
PPUB-4199	Proteomics_pub	3865413	3865439	-	4	NFDLSPLYR	9
PPUB-4200	Proteomics_pub	3874178	3874216	-	6	SNLEDGVAFAIEK	13
PPUB-4201	Proteomics_pub	3874394	3874429	-	6	SAPYFLEILDKR	12
PPUB-4202	Proteomics_pub	3874397	3874429	-	6	SAPYFLEILDK	11
PPUB-4203	Proteomics_pub	3874640	3874672	-	6	EVGSHFHALDR	11

PPUB-4204	Proteomics_pub	3874694	3874747	-	6	AADGSTVAQTALSYDDYR	18
PPUB-4205	Proteomics_pub	3875749	3875775	-	5	AFIEENALK	9
PPUB-4206	Proteomics_pub	3875749	3875778	-	5	RAFIEENALK	10
PPUB-4207	Proteomics_pub	3875779	3875838	-	5	DAIAADQLFTTLMGDAVEPR	20
PPUB-4208	Proteomics_pub	3875959	3876006	-	5	RQPVASFEQALDWLVK	16
PPUB-4209	Proteomics_pub	3876016	3876048	-	5	GLLEEDAFIER	11
PPUB-4210	Proteomics_pub	3876148	3876198	-	5	FDVHTNAEQNLFEPIVR	17
PPUB-4211	Proteomics_pub	3876223	3876258	-	5	WVNALVSELNDK	12
PPUB-4212	Proteomics_pub	3876259	3876321	-	5	ELIQPTLTEADLSDEQTVTR	21
PPUB-4213	Proteomics_pub	3876367	3876396	-	5	LVSEYNATQK	10
PPUB-4214	Proteomics_pub	3876595	3876621	-	5	TLLLTFFYR	9
PPUB-4215	Proteomics_pub	3876844	3876924	-	5	LADCQERDPALSELYLVEGDSAGGSAK	27
PPUB-4216	Proteomics_pub	3876925	3876957	-	5	GALDLAGLPGK	11
PPUB-4217	Proteomics_pub	3877165	3877194	-	5	EGLIAVVSVK	10
PPUB-4218	Proteomics_pub	3877402	3877443	-	5	TPIHPNIFYFSTEK	14
PPUB-4219	Proteomics_pub	3877450	3877473	-	5	AFVEYLNK	8
PPUB-4220	Proteomics_pub	3877531	3877566	-	5	ELSFLNSGV SIR	12
PPUB-4221	Proteomics_pub	3877657	3877716	-	5	QIYEHGVPQAPLAVTGETEK	20
PPUB-4222	Proteomics_pub	3877756	3877812	-	5	VSGGLHGVGVSVVNALSQK	19
PPUB-4223	Proteomics_pub	3878110	3878139	-	5	SNSYDSSSIK	10
PPUB-4224	Proteomics_pub	3879472	3879498	-	5	LYVSENQLK	9
PPUB-4225	Proteomics_pub	3879553	3879582	-	5	HLEAGCDLLK	10
PPUB-4226	Proteomics_pub	3879673	3879699	-	5	VQIGSNNIR	9
PPUB-4227	Proteomics_pub	3879700	3879729	-	5	MLDGGDNPLR	10
PPUB-4228	Proteomics_pub	3879754	3879816	-	5	LAVCSMPIGQSLPSHSVIVPR	21
PPUB-4229	Proteomics_pub	3880126	3880176	-	5	VALVQPHEPGATTVPAR	17
PPUB-4230	Proteomics_pub	3900582	3900617	-	4	VEEDGSINDDYR	12
PPUB-4231	Proteomics_pub	3900696	3900737	-	4	ASDWGWQIDPVGLR	14
PPUB-4232	Proteomics_pub	3908739	3908768	-	4	TFAQDLTNQK	10
PPUB-4233	Proteomics_pub	3908787	3908849	-	4	LISADGKVPSPTEENFANAAK	21
PPUB-4234	Proteomics_pub	3908874	3908915	-	4	LPGAIGYVEYAYAK	14
PPUB-4235	Proteomics_pub	3908916	3908948	-	4	GNDGIAAFVQR	11
PPUB-4236	Proteomics_pub	3909021	3909071	-	4	RADGSGTSFVFTSYLAK	17
PPUB-4237	Proteomics_pub	3909072	3909101	-	4	LPSQNIAVVR	10
PPUB-4238	Proteomics_pub	3909153	3909179	-	4	TLGDIYLGK	9
PPUB-4239	Proteomics_pub	3909345	3909398	-	4	ETGNKVNYYQGIGSSGGVK	18
PPUB-4240	Proteomics_pub	3909345	3909383	-	4	VNYQGIGSSGGVK	13
PPUB-4241	Proteomics_pub	3909892	3909915	-	5	GTDVDQPR	8
PPUB-4242	Proteomics_pub	3910180	3910227	-	5	EISYIHAEAYAAGELK	16
PPUB-4243	Proteomics_pub	3910234	3910272	-	5	GDQYPIALEGALK	13
PPUB-4244	Proteomics_pub	3910273	3910296	-	5	HHALFLGR	8
PPUB-4245	Proteomics_pub	3910273	3910329	-	5	IEALAEDFSDKHHALFLGR	19
PPUB-4246	Proteomics_pub	3910297	3910329	-	5	IEALAEDFSDK	11
PPUB-4247	Proteomics_pub	3910297	3910332	-	5	RIEALAEDFSDK	12
PPUB-4248	Proteomics_pub	3910330	3910359	-	5	IEQMLSQDKR	10
PPUB-4249	Proteomics_pub	3910333	3910359	-	5	IEQMLSQDK	9

PPUB-4250	Proteomics_pub	3910360	3910419	-	5	GLDASIEHDIVHGLQALPSR	20
PPUB-4251	Proteomics_pub	3910435	3910479	-	5	AFTTQLTVLLMLVAK	15
PPUB-4252	Proteomics_pub	3910540	3910599	-	5	ELGYLGSLAICNVPGSSLVR	20
PPUB-4253	Proteomics_pub	3910696	3910755	-	5	YWFESLAGIPCDVEIASEFR	20
PPUB-4254	Proteomics_pub	3910756	3910815	-	5	VEHIQILACGTSYNSGMVSR	20
PPUB-4255	Proteomics_pub	3910816	3910878	-	5	ISHGQVDLSELGPNADLLSK	21
PPUB-4256	Proteomics_pub	3910897	3910926	-	5	EIYEQPNAIK	10
PPUB-4257	Proteomics_pub	3910954	3910998	-	5	RQDIESNLQYDAGDK	15
PPUB-4258	Proteomics_pub	3911041	3911082	-	5	FIFLEEGDIAEITR	14
PPUB-4259	Proteomics_pub	3911170	3911196	-	5	HPDTLLAAR	9
PPUB-4260	Proteomics_pub	3911197	3911229	-	5	GAYGTVMDSR	11
PPUB-4261	Proteomics_pub	3911470	3911538	-	5	VQMLAQAAEEHPLHGGTGIAHTR	23
PPUB-4262	Proteomics_pub	3911557	3911610	-	5	GYDSAGLAVVDAEGHMTR	18
PPUB-4263	Proteomics_pub	3911626	3911658	-	5	DVAEILLEGLR	11
PPUB-4264	Proteomics_pub	3911659	3911688	-	5	CGIVGAIQR	10
PPUB-4265	Proteomics_pub	3911904	3911936	-	4	NVGENALAIR	11
PPUB-4266	Proteomics_pub	3911937	3911972	-	4	GATIAAGTTVTR	12
PPUB-4267	Proteomics_pub	3912171	3912230	-	4	LRPGAELLEGAHVGNFVEMK	20
PPUB-4268	Proteomics_pub	3912486	3912512	-	4	VYQSEQAQK	9
PPUB-4269	Proteomics_pub	3912537	3912566	-	4	LSEVEGVNNR	10
PPUB-4270	Proteomics_pub	3912567	3912593	-	4	EIVAVHPQR	9
PPUB-4271	Proteomics_pub	3912828	3912875	-	4	LRDAKPQQGGIGLLTVK	16
PPUB-4272	Proteomics_pub	3913170	3913223	-	4	MLNNAMSVVILAAGKGTR	18
PPUB-4273	Proteomics_pub	3913179	3913223	-	4	MLNNAMSVVILAAGK	15
PPUB-4274	Proteomics_pub	3913624	3913692	-	5	AEEHISSSHGDVDYAQASAELAK	23
PPUB-4275	Proteomics_pub	3913624	3913695	-	5	KAEEHISSSHGDVDYAQASAELAK	24
PPUB-4276	Proteomics_pub	3913840	3913926	-	5	IQVTGSEGELGIYPGHAPLLTAIKPGMIR	29
PPUB-4277	Proteomics_pub	3913927	3913992	-	5	AMTYHLDVVSAEQQMFSGLVEK	22
PPUB-4278	Proteomics_pub	3914031	3914111	-	4	GIMEGEYDHLPEQAFYMVGSIEEAVEK	27
PPUB-4279	Proteomics_pub	3914148	3914201	-	4	FLSQPFFVAEVFTGSPGK	18
PPUB-4280	Proteomics_pub	3914235	3914282	-	4	DIIAILGMDELSEDK	16
PPUB-4281	Proteomics_pub	3914322	3914369	-	4	QLDPLVVGQEHYDTAR	16
PPUB-4282	Proteomics_pub	3914370	3914426	-	4	QIASLGIYPVAVDPLDSTSR	19
PPUB-4283	Proteomics_pub	3914427	3914537	-	4	TGSITSVQAVYVPADDLTDPSATTF AHL DATVVLSR	37
PPUB-4284	Proteomics_pub	3914553	3914615	-	4	MPSAVGYQPTLAEEMGVLQER	21
PPUB-4285	Proteomics_pub	3914616	3914657	-	4	YTLAGTEVSALLGR	14
PPUB-4286	Proteomics_pub	3914658	3914702	-	4	DEGRDVLLFVDNIYR	15
PPUB-4287	Proteomics_pub	3914658	3914690	-	4	DVLLFVDNIYR	11
PPUB-4288	Proteomics_pub	3914709	3914741	-	4	VALTGLTMAEK	11
PPUB-4289	Proteomics_pub	3914748	3914792	-	4	VSLVYGQMNPPG NR	15
PPUB-4290	Proteomics_pub	3914793	3914843	-	4	EGNDFYHEMTDSNVIDK	17
PPUB-4291	Proteomics_pub	3914793	3914849	-	4	TREGNDFYHEMTDSNVIDK	19
PPUB-4292	Proteomics_pub	3914850	3914903	-	4	NIAIEHSGYSVFAGVGER	18
PPUB-4293	Proteomics_pub	3914904	3914930	-	4	TVNMMELIR	9
PPUB-4294	Proteomics_pub	3914931	3914972	-	4	GGKVGLFGGAGVGK	14
PPUB-4295	Proteomics_pub	3914931	3914963	-	4	VGLFGGAGVGK	11

PPUB-4296	Proteomics_pub	3914973	3915002	-	4	VIDLMCPFAK	10
PPUB-4297	Proteomics_pub	3915003	3915062	-	4	AAPSYEELSNSQELLETKGK	20
PPUB-4298	Proteomics_pub	3915078	3915137	-	4	IMNVLGEPVDMKGEIGEEER	20
PPUB-4299	Proteomics_pub	3915102	3915137	-	4	IMNVLGEPVDMK	12
PPUB-4300	Proteomics_pub	3915153	3915188	-	4	DLEHPIEVPVGK	12
PPUB-4301	Proteomics_pub	3915207	3915239	-	4	TIAMGSSDGLR	11
PPUB-4302	Proteomics_pub	3915240	3915284	-	4	LVLEVQQQLGGGIVR	15
PPUB-4303	Proteomics_pub	3915285	3915323	-	4	VYDALEVQNGNER	13
PPUB-4304	Proteomics_pub	3915512	3915544	-	6	AATDNGGSLIK	11
PPUB-4305	Proteomics_pub	3915650	3915682	-	6	SWDYLYEPDPK	11
PPUB-4306	Proteomics_pub	3915788	3915826	-	6	VMLQAYDEGRLDK	13
PPUB-4307	Proteomics_pub	3915926	3915961	-	6	GVQCDLAMIGSK	12
PPUB-4308	Proteomics_pub	3915995	3916033	-	6	GLCGGLNINLFKK	13
PPUB-4309	Proteomics_pub	3916034	3916063	-	6	VGYLVVSTDR	10
PPUB-4310	Proteomics_pub	3916223	3916258	-	6	IASVQNTQKITK	12
PPUB-4311	Proteomics_pub	3916232	3916264	-	6	SKIASVQNTQK	11
PPUB-4312	Proteomics_pub	3916492	3916521	-	5	GYLADVLSK	10
PPUB-4313	Proteomics_pub	3916522	3916578	-	5	QYAPMSVAQQSLVLFAAER	19
PPUB-4314	Proteomics_pub	3916603	3916626	-	5	KQLDHGQK	8
PPUB-4315	Proteomics_pub	3916624	3916677	-	5	ELAAFSQFASDLDDATR	18
PPUB-4316	Proteomics_pub	3916627	3916677	-	5	ELAAFSQFASDLDDATR	17
PPUB-4317	Proteomics_pub	3916927	3916971	-	5	VNAEYVEAFTKGEVK	15
PPUB-4318	Proteomics_pub	3916939	3916971	-	5	VNAEYVEAFTK	11
PPUB-4319	Proteomics_pub	3916993	3917031	-	5	EAFPGDVLYHSR	13
PPUB-4320	Proteomics_pub	3917086	3917130	-	5	DRGEDALIIYDDLSK	15
PPUB-4321	Proteomics_pub	3917278	3917304	-	5	CIYVAIGQK	9
PPUB-4322	Proteomics_pub	3917320	3917355	-	5	TALAIIDAIINQR	12
PPUB-4323	Proteomics_pub	3917398	3917427	-	5	AVDSMIPIGR	10
PPUB-4324	Proteomics_pub	3917428	3917463	-	5	QSVDQPVQTYK	12
PPUB-4325	Proteomics_pub	3917464	3917526	-	5	GPLDHDGFSAVEAIAPGVIER	21
PPUB-4326	Proteomics_pub	3917527	3917562	-	5	VVNTLGAPIDGK	12
PPUB-4327	Proteomics_pub	3917677	3917703	-	5	YAIALNLER	9
PPUB-4328	Proteomics_pub	3917704	3917760	-	5	IHGLADCMQGENISLPGNR	19
PPUB-4329	Proteomics_pub	3917761	3917835	-	5	IAQFNVVSEAHNEGTIVSVSDGVIR	25
PPUB-4330	Proteomics_pub	3917842	3917880	-	5	MQLNSTEISELIK	13
PPUB-4331	Proteomics_pub	3917932	3917964	-	5	AGDMVIDGSVR	11
PPUB-4332	Proteomics_pub	3918055	3918126	-	5	AVSEATAEVDVISAAAALSEQQLAK	24
PPUB-4333	Proteomics_pub	3918127	3918171	-	5	LNALPDVLEQFIHLR	15
PPUB-4334	Proteomics_pub	3918307	3918345	-	5	WQDMLAFAAEVTK	13
PPUB-4335	Proteomics_pub	3918346	3918387	-	5	AAFDFAVEHQSVR	14
PPUB-4336	Proteomics_pub	3918388	3918423	-	5	SEFITVARPYAK	12
PPUB-4337	Proteomics_pub	3918459	3918497	-	4	SVDEAANSDIVDK	13
PPUB-4338	Proteomics_pub	3918510	3918545	-	4	QVAILAVAGA EK	12
PPUB-4339	Proteomics_pub	3918618	3918662	-	4	SQILDEAKAEAEQER	15
PPUB-4340	Proteomics_pub	3918669	3918704	-	4	AEAQVIEQANK	12
PPUB-4341	Proteomics_pub	3918765	3918797	-	4	EIADGLASAER	11

PPUB-4342	Proteomics_pub	3919063	3919089	-	5	QPDLIPLLR	9
PPUB-4343	Proteomics_pub	3920685	3920735	-	4	TCAFIDAEHALDPIYAR	17
PPUB-4344	Proteomics_pub	3921113	3921142	-	6	LQVPALDGER	10
PPUB-4345	Proteomics_pub	3921641	3921673	-	6	DAGISLTDHQK	11
PPUB-4346	Proteomics_pub	3921848	3921889	-	6	LNDHKPASIGQASR	14
PPUB-4347	Proteomics_pub	3922271	3922297	-	6	ELGLVDDER	9
PPUB-4348	Proteomics_pub	3923102	3923134	-	6	AGDPPSIPLSR	11
PPUB-4349	Proteomics_pub	3923411	3923440	-	6	AIDQAGIQFR	10
PPUB-4350	Proteomics_pub	3924038	3924112	-	6	INILDHDIPEDPAEEWLGSWVNLK	25
PPUB-4351	Proteomics_pub	3924200	3924226	-	6	FGAIGIGSR	9
PPUB-4352	Proteomics_pub	3927294	3927323	-	4	LNSPWAEQAR	10
PPUB-4353	Proteomics_pub	3939288	3939314	-	4	NLSYVLAEK	9
PPUB-4354	Proteomics_pub	3939315	3939347	-	4	PLSAQQLAAQK	11
PPUB-4355	Proteomics_pub	3957163	3957222	-	5	VHFISALHGSGVGNLFESVR	20
PPUB-4356	Proteomics_pub	3962700	3962735	-	4	LDILIATDVAAR	12
PPUB-4357	Proteomics_pub	3962700	3962729	-	4	VLVATDIAAR	10
PPUB-4358	Proteomics_pub	3962925	3962963	-	4	IKEELFYPSNEEK	13
PPUB-4359	Proteomics_pub	3963276	3963311	-	4	LGLAYGGDGYDK	12
PPUB-4360	Proteomics_pub	3963477	3963512	-	4	DVLGMAQTGSGK	12
PPUB-4361	Proteomics_pub	3963477	3963512	-	4	DVAGQAQTGTGK	12
PPUB-4362	Proteomics_pub	3987971	3988009	-	6	ALVGAPDGSQIIR	13
PPUB-4363	Proteomics_pub	3988487	3988540	-	6	DVPVEFPQGLGLVTICER	18
PPUB-4364	Proteomics_pub	3988625	3988657	-	6	GDVILDTPLAK	11
PPUB-4365	Proteomics_pub	3991765	3991836	-	5	SGETFWDLLEQAATQQAGETVSFR	24
PPUB-4366	Proteomics_pub	3992023	3992058	-	5	LADQLWLTIEER	12
PPUB-4367	Proteomics_pub	4004769	4004810	-	4	HNAGAWFVDLLAER	14
PPUB-4368	Proteomics_pub	4048510	4048563	-	5	LVDLPGYGYAEVPEEMKR	18
PPUB-4369	Proteomics_pub	4048564	4048605	-	5	TQLINLFEVADGKR	14
PPUB-4370	Proteomics_pub	4048639	4048686	-	5	SNAGKSSALNTLTNQK	16
PPUB-4371	Proteomics_pub	4048639	4048671	-	5	SSALNTLTNQK	11
PPUB-4372	Proteomics_pub	4048687	4048731	-	5	HLPSTGTGIEVAFAGR	15
PPUB-4373	Proteomics_pub	4053403	4053438	-	5	EGGTGLGLSIAR	12
PPUB-4374	Proteomics_pub	4054651	4054692	-	5	MTPHPVEFELYYSV	14
PPUB-4375	Proteomics_pub	4054714	4054767	-	5	AGGVFTDEAIDAYIALRR	18
PPUB-4376	Proteomics_pub	4054717	4054767	-	5	AGGVFTDEAIDAYIALR	17
PPUB-4377	Proteomics_pub	4054768	4054839	-	5	EIPQVAGSLEEALNELDLREFLK	24
PPUB-4378	Proteomics_pub	4054780	4054839	-	5	EIPQVAGSLEEALNELDLDR	20
PPUB-4379	Proteomics_pub	4054873	4054899	-	5	IHPGEAMDK	9
PPUB-4380	Proteomics_pub	4054906	4054977	-	5	FPDPAANPYLCFAALLMAGLDGIK	24
PPUB-4381	Proteomics_pub	4054999	4055037	-	5	SASIRIPVVSSPK	13
PPUB-4382	Proteomics_pub	4055044	4055091	-	5	LVPGYEAPVMLAYSAR	16
PPUB-4383	Proteomics_pub	4055044	4055094	-	5	RLVPGYEAPVMLAYSAR	17
PPUB-4384	Proteomics_pub	4055092	4055136	-	5	AINALANPTTNSYKR	15
PPUB-4385	Proteomics_pub	4055095	4055136	-	5	AINALANPTTNSYK	14
PPUB-4386	Proteomics_pub	4055146	4055196	-	5	YAGLSEQALYYIGGVIK	17
PPUB-4387	Proteomics_pub	4055197	4055226	-	5	NGVNLFAGDK	10

PPUB-4388	Proteomics_pub	4055311	4055337	-	5	YVVHNVHR	9
PPUB-4389	Proteomics_pub	4055338	4055364	-	5	KADEIQIYK	9
PPUB-4390	Proteomics_pub	4055479	4055526	-	5	GGYFPVPPVDSAQDIR	16
PPUB-4391	Proteomics_pub	4055548	4055637	-	5	FGSSISGSHVAIDDIEGAWNSSTQYEGGNK	30
PPUB-4392	Proteomics_pub	4055638	4055706	-	5	STGIADTVLFGPEPEFFLDDIR	23
PPUB-4393	Proteomics_pub	4055740	4055790	-	5	CDILEPGTLQGYDRDPR	17
PPUB-4394	Proteomics_pub	4055881	4055913	-	5	MFDGSSIGGWK	11
PPUB-4395	Proteomics_pub	4055914	4055973	-	5	EQHVTIPAHQVNAEFFEEGK	20
PPUB-4396	Proteomics_pub	4055914	4055979	-	5	GKEQHVTIPAHQVNAEFFEEGK	22
PPUB-4397	Proteomics_pub	4056010	4056054	-	5	SAEHLVMTLNEHEVK	15
PPUB-4398	Proteomics_pub	4078463	4078498	-	6	AESCDDCDTYLK	12
PPUB-4399	Proteomics_pub	4079087	4079125	-	6	ELAENNPGLGDYLR	13
PPUB-4400	Proteomics_pub	4079201	4079239	-	6	IIPQDELGSSEKR	13
PPUB-4401	Proteomics_pub	4079566	4079601	-	5	IVVNEEVGDTGR	12
PPUB-4402	Proteomics_pub	4080252	4080284	-	4	VVVGQEPACVK	11
PPUB-4403	Proteomics_pub	4080711	4080749	-	4	SATNGLTPAPQAR	13
PPUB-4404	Proteomics_pub	4080753	4080779	-	4	AYQSQDIIR	9
PPUB-4405	Proteomics_pub	4080798	4080824	-	4	SFLVNVEKV	9
PPUB-4406	Proteomics_pub	4080894	4080947	-	4	DIDTIGIPIHWGYEGVAK	18
PPUB-4407	Proteomics_pub	4081026	4081055	-	4	LGIAQGDTVK	10
PPUB-4408	Proteomics_pub	4081155	4081190	-	4	ADKFPYVGTTYR	12
PPUB-4409	Proteomics_pub	4081458	4081499	-	4	ASADPQGNPWDPKR	14
PPUB-4410	Proteomics_pub	4081662	4081694	-	4	GQQLSSFAQLR	11
PPUB-4411	Proteomics_pub	4081662	4081697	-	4	KGQQLSSFAQLR	12
PPUB-4412	Proteomics_pub	4081698	4081745	-	4	ALADITDPATGAVIVK	16
PPUB-4413	Proteomics_pub	4081869	4081931	-	4	GADAPGIALTDGEILSGIFLR	21
PPUB-4414	Proteomics_pub	4081953	4082027	-	4	IQTEVFRLPSTCFEENGSIIVNSGR	25
PPUB-4415	Proteomics_pub	4082028	4082114	-	4	FLVTIDPLNTETSNFWQNHGELNEVDSSK	29
PPUB-4416	Proteomics_pub	4082211	4082246	-	4	GYDVLQYFEMMK	12
PPUB-4417	Proteomics_pub	4082577	4082639	-	4	TASFLYALGWTQHSVGAQNIR	21
PPUB-4418	Proteomics_pub	4082640	4082678	-	4	VCEYIAETSAHDK	13
PPUB-4419	Proteomics_pub	4082772	4082795	-	4	DTTLQHPR	8
PPUB-4420	Proteomics_pub	4082958	4083017	-	4	SGTDIAFLSGVLLYLLNNEK	20
PPUB-4421	Proteomics_pub	4083018	4083053	-	4	TAAVADYYAPIR	12
PPUB-4422	Proteomics_pub	4083120	4083182	-	4	NANLVVVMGGNAEAHPVGFR	21
PPUB-4423	Proteomics_pub	4083264	4083299	-	4	ALGMLAVDNQAR	12
PPUB-4424	Proteomics_pub	4083375	4083431	-	4	EDRDANYIAQNAEGVTVNR	19
PPUB-4425	Proteomics_pub	4083450	4083485	-	4	WQQISWEAFDR	12
PPUB-4426	Proteomics_pub	4083525	4083563	-	4	GAGLVDFIHSESR	13
PPUB-4427	Proteomics_pub	4103127	4103159	-	4	EHLSQEVLGKR	11
PPUB-4428	Proteomics_pub	4103130	4103159	-	4	EHLSQEVLGK	10
PPUB-4429	Proteomics_pub	4103259	4103342	-	4	SHWSEQQQNNDNGSPTLEVDALVLNPNR	28
PPUB-4430	Proteomics_pub	4103379	4103435	-	4	ILGLEIGADDYITKPFNPR	19
PPUB-4431	Proteomics_pub	4103454	4103492	-	4	QTHQTPVIMLTAR	13
PPUB-4432	Proteomics_pub	4103640	4103684	-	4	ILLVDDRELTSLLK	15
PPUB-4433	Proteomics_pub	4108943	4108966	-	6	FIRDHIAK	8

PPUB-4434	Proteomics_pub	4108967	4109002	-	6	SATPAQAQAVHK	12
PPUB-4435	Proteomics_pub	4109003	4109074	-	6	TQGAAAFEGAVIAYEPVWAIGTGK	24
PPUB-4436	Proteomics_pub	4109096	4109179	-	6	EQGLTPVLCIGETEAENEAGKTEEVCAR	28
PPUB-4437	Proteomics_pub	4109117	4109179	-	6	EQGLTPVLCIGETEAENEAGK	21
PPUB-4438	Proteomics_pub	4109234	4109278	-	6	DIGAQYIIIGHSERR	15
PPUB-4439	Proteomics_pub	4109237	4109278	-	6	DIGAQYIIIGHSER	14
PPUB-4440	Proteomics_pub	4109378	4109446	-	6	ELAGVAGCAVAIAPPEMYIDMAK	23
PPUB-4441	Proteomics_pub	4109447	4109482	-	6	HMVHELVSNLRK	12
PPUB-4442	Proteomics_pub	4109450	4109482	-	6	HMVHELVSNLR	11
PPUB-4443	Proteomics_pub	4109498	4109524	-	6	HPLVMGNWK	9
PPUB-4444	Proteomics_pub	4109498	4109530	-	6	MRHPLVMGNWK	11
PPUB-4445	Proteomics_pub	4112064	4112090	-	4	NLVLVHAAR	9
PPUB-4446	Proteomics_pub	4112355	4112381	-	4	LGLEIDGER	9
PPUB-4447	Proteomics_pub	4113740	4113766	-	6	AMAWEEHDE	9
PPUB-4448	Proteomics_pub	4113806	4113838	-	6	EFRPGIETTER	11
PPUB-4449	Proteomics_pub	4113854	4113934	-	6	EVTALGAAYLAGLAVGFWQNLDELQEK	27
PPUB-4450	Proteomics_pub	4113956	4114021	-	6	VDGGAVANNFLMQFQSDILGTR	22
PPUB-4451	Proteomics_pub	4114037	4114075	-	6	DVLEAMQADSGIR	13
PPUB-4452	Proteomics_pub	4114076	4114108	-	6	ATLESIAYQTR	11
PPUB-4453	Proteomics_pub	4114109	4114135	-	6	GVNANHIIIR	9
PPUB-4454	Proteomics_pub	4114238	4114279	-	6	LINDAYDSEYFATK	14
PPUB-4455	Proteomics_pub	4114409	4114456	-	6	NTYGTGCFMLMNTGEK	16
PPUB-4456	Proteomics_pub	4114547	4114588	-	6	RSSEVYGQTNIGGK	14
PPUB-4457	Proteomics_pub	4114547	4114585	-	6	SSEVYGQTNIGGK	13
PPUB-4458	Proteomics_pub	4114610	4114636	-	6	MLEVLDIPR	9
PPUB-4459	Proteomics_pub	4114637	4114678	-	6	TMLFNIHTLDWDDK	14
PPUB-4460	Proteomics_pub	4114679	4114711	-	6	VHVTDYTNASR	11
PPUB-4461	Proteomics_pub	4114787	4114816	-	6	WILDHVEGSR	10
PPUB-4462	Proteomics_pub	4114823	4114867	-	6	SNTGLVIDPYFSGTK	15
PPUB-4463	Proteomics_pub	4114868	4114891	-	6	DGLEDYIR	8
PPUB-4464	Proteomics_pub	4114925	4114969	-	6	ETGKPIYNAIVWQCR	15
PPUB-4465	Proteomics_pub	4114994	4115044	-	6	ADISSDQIAAIGITNQR	17
PPUB-4466	Proteomics_pub	4115144	4115191	-	6	AVVMDHDANIISVSQR	16
PPUB-4467	Proteomics_pub	4115192	4115233	-	6	KYIVALDQGTSSR	14
PPUB-4468	Proteomics_pub	4115192	4115230	-	6	YIVALDQGTSSR	13
PPUB-4469	Proteomics_pub	4117144	4117176	-	5	VLVVDGGGSVR	11
PPUB-4470	Proteomics_pub	4117183	4117233	-	5	CFEDNGLLYDLLEQNGR	17
PPUB-4471	Proteomics_pub	4117234	4117266	-	5	ASFGGQIITVK	11
PPUB-4472	Proteomics_pub	4118442	4118489	-	4	HLDALVAEDEDLSRFIL	16
PPUB-4473	Proteomics_pub	4118451	4118489	-	4	HLDALVAEDEDLSR	13
PPUB-4474	Proteomics_pub	4118592	4118645	-	4	IAEAAWQVNESTENIGAR	18
PPUB-4475	Proteomics_pub	4118703	4118744	-	4	ILTEPNASITVQYK	14
PPUB-4476	Proteomics_pub	4118745	4118783	-	4	VELQALTTSDFER	13
PPUB-4477	Proteomics_pub	4118892	4118933	-	4	DLLPLVEGCTVSTK	14
PPUB-4478	Proteomics_pub	4118982	4119020	-	4	GIVYIDEIDKISR	13
PPUB-4479	Proteomics_pub	4118991	4119020	-	4	GIVYIDEIDK	10

PPUB-4480	Proteomics_pub	4118991	4119050	-	4	QDAIDAVEQHGIVFIDEIDK	20
PPUB-4481	Proteomics_pub	4119303	4119350	-	4	NNWQGTEQQQEPSAAR	16
PPUB-4482	Proteomics_pub	4119351	4119380	-	4	ILDVLIPPAK	10
PPUB-4483	Proteomics_pub	4119489	4119515	-	4	FTEVGYVGK	9
PPUB-4484	Proteomics_pub	4119582	4119617	-	4	NILMIGPTGVGK	12
PPUB-4485	Proteomics_pub	4119699	4119725	-	4	HIIGQDNAK	9
PPUB-4486	Proteomics_pub	4119873	4119905	-	4	ALLENTSAR	11
PPUB-4487	Proteomics_pub	4120089	4120121	-	4	KLEMHQGHVVK	11
PPUB-4488	Proteomics_pub	4126149	4126175	-	4	SDEIPEAAK	9
PPUB-4489	Proteomics_pub	4138889	4138912	-	6	TMDIGGDK	8
PPUB-4490	Proteomics_pub	4139021	4139071	-	6	DVEGAERNGAEGVGLYR	17
PPUB-4491	Proteomics_pub	4139021	4139050	-	6	NGAEGVGLYR	10
PPUB-4492	Proteomics_pub	4147578	4147646	-	4	LLNENNALPPLANFKDESGNEPR	23
PPUB-4493	Proteomics_pub	4148575	4148625	-	5	NIYTDPLNVLQAEELLHR	17
PPUB-4494	Proteomics_pub	4148767	4148802	-	5	ADLWLAEYYDQR	12
PPUB-4495	Proteomics_pub	4148803	4148832	-	5	LGMLEMVFAK	10
PPUB-4496	Proteomics_pub	4148902	4148946	-	5	LMLPAWLGAGTALQK	15
PPUB-4497	Proteomics_pub	4148947	4148982	-	5	AIPWIFAWTQNR	12
PPUB-4498	Proteomics_pub	4148983	4149012	-	5	RPTGGVESLR	10
PPUB-4499	Proteomics_pub	4148983	4149015	-	5	RRPTGGVESLR	11
PPUB-4500	Proteomics_pub	4149016	4149072	-	5	SATPEQELGKPLGSRPAK	19
PPUB-4501	Proteomics_pub	4149043	4149072	-	5	SATPEQELGK	10
PPUB-4502	Proteomics_pub	4149073	4149093	-	5	DFVPYFR	7
PPUB-4503	Proteomics_pub	4149268	4149294	-	5	VTEQGEMIR	9
PPUB-4504	Proteomics_pub	4149307	4149360	-	5	GGAPAHAALLSQPPGSLK	18
PPUB-4505	Proteomics_pub	4149379	4149411	-	5	AGIELTLFHGR	11
PPUB-4506	Proteomics_pub	4149484	4149519	-	5	QMVMIGYSDSAK	12
PPUB-4507	Proteomics_pub	4149649	4149687	-	5	TPSDVLAVHLLLK	13
PPUB-4508	Proteomics_pub	4149766	4149792	-	5	NWQPSAETR	9
PPUB-4509	Proteomics_pub	4149844	4149888	-	5	YLGIGDYESWSEADK	15
PPUB-4510	Proteomics_pub	4149889	4149918	-	5	HTEALGELTR	10
PPUB-4511	Proteomics_pub	4149946	4149969	-	5	CFGVPLVR	8
PPUB-4512	Proteomics_pub	4150123	4150155	-	5	LMATQAWLEAR	11
PPUB-4513	Proteomics_pub	4150279	4150305	-	5	WKATDLFLK	9
PPUB-4514	Proteomics_pub	4150327	4150362	-	5	DGNPNVTADITR	12
PPUB-4515	Proteomics_pub	4150327	4150389	-	5	FTSWMGGDRDGNPNVTADITR	21
PPUB-4516	Proteomics_pub	4150390	4150416	-	5	LPVEFVPVR	9
PPUB-4517	Proteomics_pub	4150417	4150455	-	5	ELNEQLEENLGYK	13
PPUB-4518	Proteomics_pub	4150513	4150542	-	5	LRPSPVDEAK	10
PPUB-4519	Proteomics_pub	4150594	4150629	-	5	DIADYEHNQLMR	12
PPUB-4520	Proteomics_pub	4150750	4150785	-	5	NQPELSEDTIKK	12
PPUB-4521	Proteomics_pub	4150753	4150785	-	5	NQPELSEDTIK	11
PPUB-4522	Proteomics_pub	4150804	4150839	-	5	GEAASNPEVIAR	12
PPUB-4523	Proteomics_pub	4150840	4150902	-	5	AFSQFLNLANTAEQYHSISPK	21
PPUB-4524	Proteomics_pub	4150903	4150983	-	5	AGNDANRQELLTTLQNLNDELPPVAR	27
PPUB-4525	Proteomics_pub	4151020	4151049	-	5	DALGEHILER	10

PPUB-4526	Proteomics_pub	4151095	4151121	-	5	MNEQYSALR	9
PPUB-4527	Proteomics_pub	4157416	4157448	-	5	VAALNGLNRLF	11
PPUB-4528	Proteomics_pub	4158391	4158459	-	5	FVDEHTLALDCPDGSVETLTAEK	23
PPUB-4529	Proteomics_pub	4158460	4158492	-	5	NHCEILQGNAR	11
PPUB-4530	Proteomics_pub	4158652	4158702	-	5	YNTLGGVCLNVGCIPSK	17
PPUB-4531	Proteomics_pub	4160301	4160339	-	4	ILYISCNPETLCK	13
PPUB-4532	Proteomics_pub	4189966	4189995	-	5	LAVEAGLLAR	10
PPUB-4533	Proteomics_pub	4190167	4190244	-	5	RLEEVGCAAVMPLGAPIGSNQGLETR	26
PPUB-4534	Proteomics_pub	4190317	4190349	-	5	WLLPDIETLK	11
PPUB-4535	Proteomics_pub	4190350	4190373	-	5	LEIHPDAR	8
PPUB-4536	Proteomics_pub	4190374	4190400	-	5	EALGTNWLK	9
PPUB-4537	Proteomics_pub	4190401	4190439	-	5	TAEAAIFAAHLAR	13
PPUB-4538	Proteomics_pub	4190527	4190565	-	5	ASGSQVLVTLAMKR	13
PPUB-4539	Proteomics_pub	4190530	4190565	-	5	ASGSQVLVTLAMK	12
PPUB-4540	Proteomics_pub	4190566	4190601	-	5	FASSQLMVEAIR	12
PPUB-4541	Proteomics_pub	4190602	4190637	-	5	TFDShLFTGTGK	12
PPUB-4542	Proteomics_pub	4190847	4190894	-	4	RASGCPVCGGSNADPV	16
PPUB-4543	Proteomics_pub	4190940	4190978	-	4	LLSGIETPAGELR	13
PPUB-4544	Proteomics_pub	4191204	4191245	-	4	ADVVLDCDNDMATR	14
PPUB-4545	Proteomics_pub	4191282	4191329	-	4	LTQLNPDIQLTALQQR	16
PPUB-4546	Proteomics_pub	4191931	4191996	-	5	HQAYGVHLGQEDLQATDLNAIR	22
PPUB-4547	Proteomics_pub	4192009	4192032	-	5	LFINDYWR	8
PPUB-4548	Proteomics_pub	4192147	4192191	-	5	SGLYPVVVDSVQWIER	15
PPUB-4549	Proteomics_pub	4192362	4192394	-	4	VAHFCSMCGPK	11
PPUB-4550	Proteomics_pub	4192395	4192433	-	4	AYHDETLQPESGK	13
PPUB-4551	Proteomics_pub	4192434	4192478	-	4	WEDQFNALDLPFTAR	15
PPUB-4552	Proteomics_pub	4192539	4192568	-	4	IAAHAADLAK	10
PPUB-4553	Proteomics_pub	4192590	4192625	-	4	EHLGLPNKEDVK	12
PPUB-4554	Proteomics_pub	4192992	4193039	-	4	WCLSHHQENFLYQHFR	16
PPUB-4555	Proteomics_pub	4193217	4193267	-	4	NSPVPIGTVPIYQALEK	17
PPUB-4556	Proteomics_pub	4193301	4193339	-	4	WGADTVMDLSTGR	13
PPUB-4557	Proteomics_pub	4193358	4193417	-	4	VNANIGNSAVTSSIEEEVEK	20
PPUB-4558	Proteomics_pub	4193433	4193489	-	4	AIIIPANINHPESEPMIIGR	19
PPUB-4559	Proteomics_pub	4193511	4193576	-	4	HQHPGMSFGAHLPENITAEFVR	22
PPUB-4560	Proteomics_pub	4193619	4193660	-	4	QGIITPEMEFIAIR	14
PPUB-4561	Proteomics_pub	4193661	4193684	-	4	VTQLHYAR	8
PPUB-4562	Proteomics_pub	4193706	4193729	-	4	FSGVLTPK	8
PPUB-4563	Proteomics_pub	4193730	4193759	-	4	LADDGLDELRL	10
PPUB-4564	Proteomics_pub	4193784	4193810	-	4	GDTEELTVR	9
PPUB-4565	Proteomics_pub	4193811	4193837	-	4	LRQPWIDAR	9
PPUB-4566	Proteomics_pub	4193838	4193942	-	4	EQPQYEENEAIIPVYDTS GPYGD PQIAINVQQGLAK	35
PPUB-4567	Proteomics_pub	4193943	4193981	-	4	EIQLSPTLIGGSK	13
PPUB-4568	Proteomics_pub	4193994	4194026	-	4	IYITGTHPGVR	11
PPUB-4569	Proteomics_pub	4194030	4194080	-	4	AQHFIDTLEGTAFPNSK	17
PPUB-4570	Proteomics_pub	4202758	4202805	-	5	VLCVTALGHTVAEAQK	16
PPUB-4571	Proteomics_pub	4202806	4202844	-	5	LADDEQVVTNGGR	13

PPUB-4572	Proteomics_pub	4202866	4202916	-	5	TGDVIHGLPLEEVAGGK	17
PPUB-4573	Proteomics_pub	4203049	4203084	-	5	FGDPETQPIMLR	12
PPUB-4574	Proteomics_pub	4203217	4203291	-	5	DTGPNTGGMGAYSPAPVVTDDVHQR	25
PPUB-4575	Proteomics_pub	4203547	4203606	-	5	IPTAEYQNFTEVEPALAYLR	20
PPUB-4576	Proteomics_pub	4203640	4203684	-	5	IFGPTAGAAQLEGSK	15
PPUB-4577	Proteomics_pub	4203721	4203762	-	5	IDLTIVGPEAPLVK	14
PPUB-4578	Proteomics_pub	4204110	4204148	-	4	GSSMASDAFFPFR	13
PPUB-4579	Proteomics_pub	4204206	4204247	-	4	NNMTIGIGAGQMSR	14
PPUB-4580	Proteomics_pub	4204290	4204310	-	4	DALFCWK	7
PPUB-4581	Proteomics_pub	4204350	4204382	-	4	DLGMVGAELR	11
PPUB-4582	Proteomics_pub	4204383	4204415	-	4	RVNGLLVQDR	11
PPUB-4583	Proteomics_pub	4204383	4204412	-	4	VNGLLVQDR	10
PPUB-4584	Proteomics_pub	4204437	4204466	-	4	VLTCGQWGER	10
PPUB-4585	Proteomics_pub	4204494	4204544	-	4	QFVEVIIAPSASEEALK	17
PPUB-4586	Proteomics_pub	4204545	4204583	-	4	ELDAETAQAIISR	13
PPUB-4587	Proteomics_pub	4204584	4204628	-	4	TDPTSAFGGIIAFNR	15
PPUB-4588	Proteomics_pub	4204638	4204694	-	4	HANPCGVAIGNSILDAYDR	19
PPUB-4589	Proteomics_pub	4204695	4204727	-	4	EFAEPACVIVK	11
PPUB-4590	Proteomics_pub	4204728	4204781	-	4	ALSYNNIADTDAALECVK	18
PPUB-4591	Proteomics_pub	4204782	4204820	-	4	EASVATATQVQ GK	13
PPUB-4592	Proteomics_pub	4204821	4204874	-	4	YGENSHQQAIFYIENVK	18
PPUB-4593	Proteomics_pub	4204938	4205021	-	4	AFEHTAAYDSMIANYFGSMVPAYHGSK	28
PPUB-4594	Proteomics_pub	4205040	4205081	-	4	EMDDNEGSLTLATR	14
PPUB-4595	Proteomics_pub	4205151	4205213	-	4	EGCSLEDAVENIDIGGPTMVR	21
PPUB-4596	Proteomics_pub	4205355	4205414	-	4	GLPVTEVSDYTGFPEDMDGR	20
PPUB-4597	Proteomics_pub	4205430	4205465	-	4	GVELLSTGGTAR	12
PPUB-4598	Proteomics_pub	4205466	4205504	-	4	AGIVEFAQALSAR	13
PPUB-4599	Proteomics_pub	4220989	4221030	-	5	GYSFDDEEHALGLR	14
PPUB-4600	Proteomics_pub	4221163	4221192	-	5	LPLHASGAGK	10
PPUB-4601	Proteomics_pub	4221565	4221618	-	5	KPAVATAPATGQVQSLTR	18
PPUB-4602	Proteomics_pub	4231191	4231232	-	4	FGGTSVADFDAMNR	14
PPUB-4603	Proteomics_pub	4231191	4231253	-	4	SEIVVSKFGGTSVADFDAMNR	21
PPUB-4604	Proteomics_pub	4243264	4243302	-	5	QTVDEALKDAQTR	13
PPUB-4605	Proteomics_pub	4243387	4243416	-	5	IAATMENAQK	10
PPUB-4606	Proteomics_pub	4243450	4243479	-	5	DKPLGAVALK	10
PPUB-4607	Proteomics_pub	4243480	4243533	-	5	EFLENYLLTDEGLEAVNK	18
PPUB-4608	Proteomics_pub	4243546	4243611	-	5	GQPSKPFVGVLSAGINAASPNK	22
PPUB-4609	Proteomics_pub	4243612	4243647	-	5	VNYGVTVLPTFK	12
PPUB-4610	Proteomics_pub	4243648	4243707	-	5	GETAMTINGPWAWSNIDTSK	20
PPUB-4611	Proteomics_pub	4243765	4243797	-	5	AGLTLFLVDLIK	11
PPUB-4612	Proteomics_pub	4243798	4243827	-	5	DVGVDNAGAK	10
PPUB-4613	Proteomics_pub	4243798	4243839	-	5	YDIKDVVDNAGAK	14
PPUB-4614	Proteomics_pub	4243954	4243983	-	5	TWEEIPALDK	10
PPUB-4615	Proteomics_pub	4244008	4244058	-	5	LIAYPIAVEALS LIYNK	17
PPUB-4616	Proteomics_pub	4244071	4244100	-	5	LYPFTWDAVR	10
PPUB-4617	Proteomics_pub	4244167	4244226	-	5	FPQVAATGDGPDIIFWAHDR	20

PPUB-4618	Proteomics_pub	4244290	4244319	-	5	GYNGLAEVVK	10
PPUB-4619	Proteomics_pub	4244320	4244346	-	5	LVIWINGDK	9
PPUB-4620	Proteomics_pub	4252231	4252275	-	5	LSVLHGINAPEFFDK	15
PPUB-4621	Proteomics_pub	4252378	4252407	-	5	TLQLLAAGAR	10
PPUB-4622	Proteomics_pub	4253623	4253658	-	5	LYQGINVHNAER	12
PPUB-4623	Proteomics_pub	4261724	4261753	-	6	LIGTVGTAQK	10
PPUB-4624	Proteomics_pub	4262111	4262146	-	6	AIGINFIDTYIR	12
PPUB-4625	Proteomics_pub	4269384	4269428	-	4	LGQSATTLGGGEAQR	15
PPUB-4626	Proteomics_pub	4269384	4269419	-	4	SAETLSGGGEAQR	12
PPUB-4627	Proteomics_pub	4269471	4269503	-	4	EFFDAVPALAR	11
PPUB-4628	Proteomics_pub	4269645	4269677	-	4	CEACQGDGVIK	11
PPUB-4629	Proteomics_pub	4269729	4269758	-	4	ELFAGVPESR	10
PPUB-4630	Proteomics_pub	4269759	4269800	-	4	SNPATYTG VFTPVR	14
PPUB-4631	Proteomics_pub	4269810	4269842	-	4	VIDIDQSPIGR	11
PPUB-4632	Proteomics_pub	4270290	4270328	-	4	DNERLLGTLIHLR	13
PPUB-4633	Proteomics_pub	4270290	4270316	-	4	LLGTLIHLR	9
PPUB-4634	Proteomics_pub	4270413	4270457	-	4	LGQSATTLGGGEAQR	15
PPUB-4635	Proteomics_pub	4270413	4270448	-	4	SAETLSGGGEAQR	12
PPUB-4636	Proteomics_pub	4270656	4270697	-	4	FISNRPCASCEGTR	14
PPUB-4637	Proteomics_pub	4270971	4271015	-	4	VIQNPESLSLGGAIR	15
PPUB-4638	Proteomics_pub	4271568	4271609	-	4	STVGTITEIH DYLR	14
PPUB-4639	Proteomics_pub	4271742	4271783	-	4	SSLAFDTLYAEGQR	14
PPUB-4640	Proteomics_pub	4283730	4283771	-	4	IAEAAVVGIPHNK	14
PPUB-4641	Proteomics_pub	4283772	4283816	-	4	LGTAEIESALVAHPK	15
PPUB-4642	Proteomics_pub	4308392	4308424	-	6	EGTAIVYISHK	11
PPUB-4643	Proteomics_pub	4315370	4315411	-	6	LVLADEPTGNLDAR	14
PPUB-4644	Proteomics_pub	4316656	4316697	-	5	GAIVGIIGPNGAGK	14
PPUB-4645	Proteomics_pub	4322709	4322753	-	4	AHHYPSELGGGQQQR	15
PPUB-4646	Proteomics_pub	4323060	4323101	-	4	GAIVGIIGPNGAGK	14
PPUB-4647	Proteomics_pub	4324476	4324508	-	4	LVEGDHNIDCK	11
PPUB-4648	Proteomics_pub	4324572	4324622	-	4	DANGNLLADGDSVTIHK	17
PPUB-4649	Proteomics_pub	4324734	4324754	-	4	SLPHCPK	7
PPUB-4650	Proteomics_pub	4344021	4344071	-	4	TPEGYASGSLGPTTAGR	17
PPUB-4651	Proteomics_pub	4344072	4344104	-	4	DHPIYYAGPAK	11
PPUB-4652	Proteomics_pub	4344204	4344245	-	4	EILAQLSQYPVSTR	14
PPUB-4653	Proteomics_pub	4344384	4344434	-	4	HGASCPVGMGVSCSADR	17
PPUB-4654	Proteomics_pub	4344546	4344596	-	4	YYDELPTEGNEHGQAFR	17
PPUB-4655	Proteomics_pub	4344882	4344914	-	4	YSQNAPLDMYK	11
PPUB-4656	Proteomics_pub	4344951	4344989	-	4	VWTGGGDEAALAR	13
PPUB-4657	Proteomics_pub	4351226	4351261	-	6	DVILFPAMRPVK	12
PPUB-4658	Proteomics_pub	4351226	4351261	-	6	DVILFPAMRPQK	12
PPUB-4659	Proteomics_pub	4351262	4351297	-	6	MVMLFTNSHTIR	12
PPUB-4660	Proteomics_pub	4351262	4351297	-	6	MIMLFTNSHTIR	12
PPUB-4661	Proteomics_pub	4351298	4351342	-	6	YGTTPHAGLAFGLDR	15
PPUB-4662	Proteomics_pub	4351424	4351477	-	6	EIGNGFSELNDAEDQAQR	18
PPUB-4663	Proteomics_pub	4351424	4351477	-	6	EIGNGFSELNDAEDQAER	18

PPUB-4664	Proteomics_pub	4351502	4351534	-	6	RNDVNPEITDR	11
PPUB-4665	Proteomics_pub	4351535	4351630	-	6	IVTEIFEVVAEHLIQPTFITEYPAEVSPLAR	32
PPUB-4666	Proteomics_pub	4351649	4351684	-	6	AIAESIGIHVEK	12
PPUB-4667	Proteomics_pub	4351649	4351684	-	6	ALAESIGITVEK	12
PPUB-4668	Proteomics_pub	4351685	4351735	-	6	YRPETDMADLDFNSAK	17
PPUB-4669	Proteomics_pub	4351685	4351735	-	6	YRPETDMADLDFNDAAK	17
PPUB-4670	Proteomics_pub	4351763	4351816	-	6	TEVTYGDVTLDFGKPFK	18
PPUB-4671	Proteomics_pub	4351763	4351810	-	6	VTYGEHVDFGKPFK	16
PPUB-4672	Proteomics_pub	4351811	4351843	-	6	TLAQEVLGTTK	11
PPUB-4673	Proteomics_pub	4351844	4351876	-	6	DLIELTESLFR	11
PPUB-4674	Proteomics_pub	4351979	4352005	-	6	RLVVGGFER	9
PPUB-4675	Proteomics_pub	4352198	4352230	-	6	YLDLISNDESR	11
PPUB-4676	Proteomics_pub	4352204	4352230	-	6	YLDLIANDK	9
PPUB-4677	Proteomics_pub	4352243	4352296	-	6	ALRPLPKFHGLQDQEAR	18
PPUB-4678	Proteomics_pub	4352243	4352272	-	6	FHGLQDQEAR	10
PPUB-4679	Proteomics_pub	4352243	4352296	-	6	ALRPLPKFHGLQDQEV	18
PPUB-4680	Proteomics_pub	4352273	4352296	-	6	ALRPLPK	8
PPUB-4681	Proteomics_pub	4352309	4352344	-	6	TGELSIHCTELR	12
PPUB-4682	Proteomics_pub	4352309	4352350	-	6	TKTGELSIHCTELR	14
PPUB-4683	Proteomics_pub	4352309	4352350	-	6	TQTGELSIHCTELR	14
PPUB-4684	Proteomics_pub	4352366	4352398	-	6	KWDLGDILGAK	11
PPUB-4685	Proteomics_pub	4352366	4352395	-	6	WDLGDILGAK	10
PPUB-4686	Proteomics_pub	4352366	4352395	-	6	WDLGDIIGAR	10
PPUB-4687	Proteomics_pub	4352396	4352437	-	6	DDLPEGVYNEQFKK	14
PPUB-4688	Proteomics_pub	4352399	4352437	-	6	DDLPEGVYNEQFK	13
PPUB-4689	Proteomics_pub	4352399	4352437	-	6	DSLPEGVYNDQFK	13
PPUB-4690	Proteomics_pub	4352459	4352494	-	6	ASFVTLQDVGGR	12
PPUB-4691	Proteomics_pub	4352615	4352650	-	6	EQGIAFPNDFRR	12
PPUB-4692	Proteomics_pub	4352618	4352650	-	6	EQGIAFPNDFR	11
PPUB-4693	Proteomics_pub	4352681	4352719	-	6	GANEAIDFNDEL	13
PPUB-4694	Proteomics_pub	4364917	4364940	-	5	RYTDESEQ	8
PPUB-4695	Proteomics_pub	4365325	4365369	-	5	VNPVPEVVNQVCFK	15
PPUB-4696	Proteomics_pub	4365736	4365783	-	5	TQLQDAVPMTLGQEFR	16
PPUB-4697	Proteomics_pub	4365823	4365864	-	5	LVDAINQLREGFER	14
PPUB-4698	Proteomics_pub	4365838	4365864	-	5	LVDAINQLR	9
PPUB-4699	Proteomics_pub	4365931	4365972	-	5	GEYQYLNPNHVNK	14
PPUB-4700	Proteomics_pub	4366204	4366230	-	5	ISDIPEFVR	9
PPUB-4701	Proteomics_pub	4366231	4366263	-	5	AIENFYISNNK	11
PPUB-4702	Proteomics_pub	4366264	4366305	-	5	EVPADAYYGVHTLR	14
PPUB-4703	Proteomics_pub	4366306	4366332	-	5	IEEDLLGTR	9
PPUB-4704	Proteomics_pub	4376146	4376181	-	5	TLQQGIQLAQR	12
PPUB-4705	Proteomics_pub	4376248	4376298	-	5	AVHVSPGALDAEAYGVK	17
PPUB-4706	Proteomics_pub	4379127	4379168	-	4	LGGNSLLDLVVFGR	14
PPUB-4707	Proteomics_pub	4379127	4379168	-	4	LGSNSLAELVVFGR	14
PPUB-4708	Proteomics_pub	4380246	4380284	-	4	AAIAAAQANPNAK	13
PPUB-4709	Proteomics_pub	4387961	4387996	-	6	NGTFVTTYLSR	12

PPUB-4710	Proteomics_pub	4388060	4388089	-	6	IEEDKILQAK	10
PPUB-4711	Proteomics_pub	4388168	4388200	-	6	TFNEFFVRPLR	11
PPUB-4712	Proteomics_pub	4388339	4388365	-	6	LSLQYILPK	9
PPUB-4713	Proteomics_pub	4388720	4388770	-	6	LYHFPHGDDVIDSPGVR	17
PPUB-4714	Proteomics_pub	4388837	4388872	-	6	SSLLNALLGLQK	12
PPUB-4715	Proteomics_pub	4431640	4431678	-	5	MLADSGIVYTLR	13
PPUB-4716	Proteomics_pub	4431901	4431936	-	5	AQALAAQGITVR	12
PPUB-4717	Proteomics_pub	4431985	4432047	-	5	MIAITGATGQLGHYVIESLMK	21
PPUB-4718	Proteomics_pub	4432807	4432845	-	5	AGEIHPAADNNWR	13
PPUB-4719	Proteomics_pub	4432846	4432884	-	5	SVLAAWIADESKR	13
PPUB-4720	Proteomics_pub	4433359	4433391	-	5	LPVLSAAAPFK	11
PPUB-4721	Proteomics_pub	4433758	4433793	-	5	DFADIEGADIAK	12
PPUB-4722	Proteomics_pub	4434283	4434309	-	5	AGDIHPVYK	9
PPUB-4723	Proteomics_pub	4447187	4447219	-	6	VEGWENAEAAK	11
PPUB-4724	Proteomics_pub	4447247	4447279	-	6	AQIAHFFEHYK	11
PPUB-4725	Proteomics_pub	4447280	4447309	-	6	DVNDLPELLK	10
PPUB-4726	Proteomics_pub	4447280	4447327	-	6	EYDHIKDVNDLPELLK	16
PPUB-4727	Proteomics_pub	4447337	4447390	-	6	MTDEAGEDAKLIAVPHTK	18
PPUB-4728	Proteomics_pub	4447337	4447390	-	6	MTDEAGEDAKLVAVPHSK	18
PPUB-4729	Proteomics_pub	4447361	4447390	-	6	MTDEAGEDAK	10
PPUB-4730	Proteomics_pub	4447391	4447414	-	6	CRPVGVLK	8
PPUB-4731	Proteomics_pub	4447544	4447570	-	6	ESGALFVDR	9
PPUB-4732	Proteomics_pub	4447544	4447585	-	6	YEIDKESGALFVDR	14
PPUB-4733	Proteomics_pub	4447571	4447645	-	6	DLPEDIYVVIEIPANADPIKYEIDK	25
PPUB-4734	Proteomics_pub	4447586	4447645	-	6	DLPEDIYVVIEIPANADPIK	20
PPUB-4735	Proteomics_pub	4447646	4447672	-	6	SLLNVPAGK	9
PPUB-4736	Proteomics_pub	4452709	4452744	-	5	ILDIIPETLHQR	12
PPUB-4737	Proteomics_pub	4452826	4452873	-	5	GGIYLPSTASHPDGK	16
PPUB-4738	Proteomics_pub	4452886	4452918	-	5	YIGSLVADFHR	11
PPUB-4739	Proteomics_pub	4452946	4452966	-	5	FCQEEDK	7
PPUB-4740	Proteomics_pub	4452997	4453029	-	5	TYSINEGNYIK	11
PPUB-4741	Proteomics_pub	4453177	4453233	-	5	VTPVGTVPTEEDFLQPGNK	19
PPUB-4742	Proteomics_pub	4455442	4455516	-	5	LIDQGDDAIAEVLNLPDADRQQLR	25
PPUB-4743	Proteomics_pub	4455538	4455567	-	5	HNQQVVLFFHK	10
PPUB-4744	Proteomics_pub	4455697	4455735	-	5	NALDKIPLDADLR	13
PPUB-4745	Proteomics_pub	4455736	4455765	-	5	LGAEIVDLGK	10
PPUB-4746	Proteomics_pub	4455736	4455768	-	5	RLGAEIVDLGK	11
PPUB-4747	Proteomics_pub	4455802	4455885	-	5	TKQPEDWLDDVPGDDIEDEDDEIIVVSK	28
PPUB-4748	Proteomics_pub	4461509	4461544	-	6	DADELLAILASK	12
PPUB-4749	Proteomics_pub	4461509	4461556	-	6	NDGRDADELLAILASK	16
PPUB-4750	Proteomics_pub	4461698	4461736	-	6	FGDEGEYRVPAAK	13
PPUB-4751	Proteomics_pub	4461830	4461865	-	6	WTLAKPDFVALK	12
PPUB-4752	Proteomics_pub	4462634	4462675	-	6	SFQDTTGSSTGDLR	14
PPUB-4753	Proteomics_pub	4464066	4464101	-	4	FVLNQPANARPK	12
PPUB-4754	Proteomics_pub	4464144	4464191	-	4	INQTDIDRLIELVGGGR	16
PPUB-4755	Proteomics_pub	4468553	4468582	-	6	IEIEIAIVRR	10

PPUB-4756	Proteomics_pub	4468784	4468822	-	6	TGEVPADVAAQAR	13
PPUB-4757	Proteomics_pub	4469189	4469215	-	6	IDNYEVVVGK	9
PPUB-4758	Proteomics_pub	4469306	4469347	-	6	ITIGLNLPSEGEMGR	14
PPUB-4759	Proteomics_pub	4469387	4469428	-	6	GTVIDHIPAQIGFK	14
PPUB-4760	Proteomics_pub	4469498	4469527	-	6	QALLALVLNR	10
PPUB-4761	Proteomics_pub	4469528	4469578	-	6	TPHAWYFQQAGNGIFAR	17
PPUB-4762	Proteomics_pub	4469579	4469608	-	6	VDEIATDVVDK	10
PPUB-4763	Proteomics_pub	4469684	4469719	-	6	ERLDPSEYANVK	12
PPUB-4764	Proteomics_pub	4469684	4469713	-	6	LDPSEYANVK	10
PPUB-4765	Proteomics_pub	4469882	4469914	-	6	TVHSLTQALAK	11
PPUB-4766	Proteomics_pub	4469924	4469962	-	6	LDNLHVAMVGDLEK	13
PPUB-4767	Proteomics_pub	4470077	4470100	-	6	HPQEGAAR	8
PPUB-4768	Proteomics_pub	4470101	4470166	-	6	KGETLADTISVISTYVDAIVMR	22
PPUB-4769	Proteomics_pub	4470167	4470220	-	6	LGASVVGFSANTSLEK	18
PPUB-4770	Proteomics_pub	4470254	4470289	-	6	VIASCFEASTR	12
PPUB-4771	Proteomics_pub	4470296	4470322	-	6	ANPQPELLK	9
PPUB-4772	Proteomics_pub	4470329	4470364	-	6	DDLNLVLATAAK	12
PPUB-4773	Proteomics_pub	4470365	4470394	-	6	HIISINDLSR	10
PPUB-4774	Proteomics_pub	4479008	4479040	-	6	LIEQQAVIAAL	11
PPUB-4775	Proteomics_pub	4479047	4479076	-	6	EKLEGYAEAK	10
PPUB-4776	Proteomics_pub	4479107	4479133	-	6	LANEGFVAR	9
PPUB-4777	Proteomics_pub	4479257	4479313	-	6	LESITVLPADDKGPVSVTK	19
PPUB-4778	Proteomics_pub	4479278	4479313	-	6	LESITVLPADDK	12
PPUB-4779	Proteomics_pub	4479356	4479379	-	6	GCSADAER	8
PPUB-4780	Proteomics_pub	4479380	4479427	-	6	AEMNIAPGKPLELLLR	16
PPUB-4781	Proteomics_pub	4479617	4479652	-	6	HTLVTVLEGLLR	12
PPUB-4782	Proteomics_pub	4479983	4480015	-	6	FTLAALASTGR	11
PPUB-4783	Proteomics_pub	4480076	4480117	-	6	TGNMMQPQLADKIR	14
PPUB-4784	Proteomics_pub	4480082	4480117	-	6	TGNMMQPQLADK	12
PPUB-4785	Proteomics_pub	4480121	4480183	-	6	GNVIDPLDMVDGISLPELLEK	21
PPUB-4786	Proteomics_pub	4480460	4480492	-	6	ENNLGADVLLR	11
PPUB-4787	Proteomics_pub	4480460	4480495	-	6	KENNLGADVLLR	12
PPUB-4788	Proteomics_pub	4480514	4480558	-	6	IPAWYDEAGNVYVGR	15
PPUB-4789	Proteomics_pub	4480559	4480579	-	6	QLWWGHR	7
PPUB-4790	Proteomics_pub	4480580	4480606	-	6	DIQDWCISR	9
PPUB-4791	Proteomics_pub	4480607	4480639	-	6	QYENMYFSWMR	11
PPUB-4792	Proteomics_pub	4480640	4480705	-	6	ADVLAKPAVEAVENGDIQFVPK	22
PPUB-4793	Proteomics_pub	4480754	4480834	-	6	AVVAAVDALGLLEEIKPHDLTVPYGDR	27
PPUB-4794	Proteomics_pub	4480859	4480909	-	6	GNESDVYSSEIPAEFQK	17
PPUB-4795	Proteomics_pub	4480910	4480936	-	6	ESAQVFDTK	9
PPUB-4796	Proteomics_pub	4480937	4480984	-	6	HALPMINILTFDGDILR	16
PPUB-4797	Proteomics_pub	4480937	4480987	-	6	RHALPMINILTFDGDILR	17
PPUB-4798	Proteomics_pub	4480985	4481029	-	6	ITPAHDFNDYEVGKR	15
PPUB-4799	Proteomics_pub	4480988	4481029	-	6	ITPAHDFNDYEVGK	14
PPUB-4800	Proteomics_pub	4481048	4481086	-	6	IPIVGDEHADMEK	13
PPUB-4801	Proteomics_pub	4481048	4481089	-	6	RIPIVGDEHADMEK	14

PPUB-4802	Proteomics_pub	4481090	4481116	-	6	YVILPLVNR	9
PPUB-4803	Proteomics_pub	4481234	4481257	-	6	YPLADGAK	8
PPUB-4804	Proteomics_pub	4481288	4481320	-	6	TAISDLEVENR	11
PPUB-4805	Proteomics_pub	4481357	4481383	-	6	LYKEDLIYR	9
PPUB-4806	Proteomics_pub	4481399	4481434	-	6	FTMDEGLSNAVK	12
PPUB-4807	Proteomics_pub	4481441	4481467	-	6	LGNSVDWER	9
PPUB-4808	Proteomics_pub	4481480	4481506	-	6	AESGGTITR	9
PPUB-4809	Proteomics_pub	4481585	4481647	-	6	NTLWQVGTDHAGIATQMVVER	21
PPUB-4810	Proteomics_pub	4481801	4481851	-	6	TYNPQDIEQPLYEHWEK	17
PPUB-4811	Proteomics_pub	4482487	4482537	-	5	GATGRPVALLAQFLLNR	17
PPUB-4812	Proteomics_pub	4482553	4482594	-	5	YNWAHLDIAGTAWR	14
PPUB-4813	Proteomics_pub	4482871	4482906	-	5	LVLCDVLTIVER	12
PPUB-4814	Proteomics_pub	4482907	4482984	-	5	AYRPGDVLTTMSGQTVEVLNTDAEGR	26
PPUB-4815	Proteomics_pub	4483129	4483164	-	5	GITFDSGGYSIK	12
PPUB-4816	Proteomics_pub	4483420	4483458	-	5	AIQHGLAIAAGIK	13
PPUB-4817	Proteomics_pub	4483543	4483572	-	5	ETLYSFDQLK	10
PPUB-4818	Proteomics_pub	4483735	4483758	-	5	ILLIGCGK	8
PPUB-4819	Proteomics_pub	4483831	4483863	-	5	ISDGYISALLR	11
PPUB-4820	Proteomics_pub	4483864	4483893	-	5	LSPIAEQLDK	10
PPUB-4821	Proteomics_pub	4483897	4483932	-	5	SACIVVGVFEPR	12
PPUB-4822	Proteomics_pub	4485634	4485708	-	5	NNRVVILSAGTGNPFFTTDSAACL	25
PPUB-4823	Proteomics_pub	4491081	4491137	-	4	IRAIEFGEVDILVNNAGITR	19
PPUB-4824	Proteomics_pub	4511432	4511464	-	6	IFHHQPLTVVK	11
PPUB-4825	Proteomics_pub	4511552	4511599	-	6	RWQQDPLWQMLTAAQK	16
PPUB-4826	Proteomics_pub	4512071	4512106	-	6	AHLKPWQSVGTR	12
PPUB-4827	Proteomics_pub	4512454	4512483	-	5	NIFDQDYFIR	10
PPUB-4828	Proteomics_pub	4512703	4512747	-	5	EKGDTYGNLVPFSPK	15
PPUB-4829	Proteomics_pub	4512829	4512855	-	5	HTGLETQAR	9
PPUB-4830	Proteomics_pub	4512988	4513026	-	5	AVQSGNVEPEKAR	13
PPUB-4831	Proteomics_pub	4512994	4513026	-	5	AVQSGNVEPEK	11
PPUB-4832	Proteomics_pub	4513279	4513344	-	5	YYTATSSGQLPSGSSPYDRDTR	22
PPUB-4833	Proteomics_pub	4513507	4513542	-	5	FNIQGFYTQTLR	12
PPUB-4834	Proteomics_pub	4513951	4513995	-	5	YGPQSVGGVNVFVTR	15
PPUB-4835	Proteomics_pub	4514323	4514367	-	5	EDALTVVGDWLG DAR	15
PPUB-4836	Proteomics_pub	4517505	4517534	-	4	ILGISLAQLR	10
PPUB-4837	Proteomics_pub	4517655	4517702	-	4	AFFVVG NALDENPLIR	16
PPUB-4838	Proteomics_pub	4556458	4556514	-	5	GEILPGNDADLLVMTPELR	19
PPUB-4839	Proteomics_pub	4556515	4556592	-	5	DYDFSISDALRPLTSSVAGFLNLTGK	26
PPUB-4840	Proteomics_pub	4556713	4556742	-	5	AVQAGIPLAR	10
PPUB-4841	Proteomics_pub	4556743	4556811	-	5	KGGTIDITSSIDEPVAPAEGIAR	23
PPUB-4842	Proteomics_pub	4556812	4556850	-	5	NVPLFEQALEFAR	13
PPUB-4843	Proteomics_pub	4556875	4556928	-	5	ALQPIYDLLENCDVPISK	18
PPUB-4844	Proteomics_pub	4556992	4557042	-	5	SAAPDVYHLANMAAESR	17
PPUB-4845	Proteomics_pub	4557217	4557276	-	5	LTEAGVTSVVGLLGTDSISR	20
PPUB-4846	Proteomics_pub	4579485	4579520	-	4	QLLEEFGGVKE	12
PPUB-4847	Proteomics_pub	4579521	4579556	-	4	ELGASDEADLQR	12

PPUB-4848	Proteomics_pub	4579665	4579694	-	4	SDSLDISWLK	10
PPUB-4849	Proteomics_pub	4579965	4579994	-	4	GTVANPNQDK	10
PPUB-4850	Proteomics_pub	4579995	4580018	-	4	TNVLFFTK	8
PPUB-4851	Proteomics_pub	4580112	4580156	-	4	AAVVVPDNLVFEGGK	15
PPUB-4852	Proteomics_pub	4580235	4580294	-	4	AHIVATNPPFGSAAGTNITR	20
PPUB-4853	Proteomics_pub	4580295	4580336	-	4	LGNTLGS DGENLPK	14
PPUB-4854	Proteomics_pub	4580442	4580501	-	4	SQTNDLDDLDGDTQDFQIHR	20
PPUB-4855	Proteomics_pub	4580856	4580885	-	4	IGQEQLQFYR	10
PPUB-4856	Proteomics_pub	4583816	4583839	-	6	NNIDV PAR	8
PPUB-4857	Proteomics_pub	4584188	4584220	-	6	QQETE AQTQAR	11
PPUB-4858	Proteomics_pub	4584263	4584301	-	6	AQTQAEVEAQQQK	13
PPUB-4859	Proteomics_pub	4586631	4586681	-	4	SNELEDALLDLDNLDK	17
PPUB-4860	Proteomics_pub	4586793	4586822	-	4	HILNEQHGYK	10
PPUB-4861	Proteomics_pub	4587170	4587208	-	6	ETPYVPIPEGGVK	13
PPUB-4862	Proteomics_pub	4587170	4587217	-	6	TDKETPYVPIPEGGVK	16
PPUB-4863	Proteomics_pub	4587917	4587946	-	6	DIGEPSVLNR	10
PPUB-4864	Proteomics_pub	4588214	4588240	-	6	LLANETDAR	9
PPUB-4865	Proteomics_pub	4596208	4596231	-	5	NNLFFVIR	8
PPUB-4866	Proteomics_pub	4596886	4596942	-	5	TYFDNEAFPDLTPELGALK	19
PPUB-4867	Proteomics_pub	4597775	4597828	-	6	DGQQNLNDNIGTTPLAEK	18
PPUB-4868	Proteomics_pub	4597835	4597876	-	6	EDTNYLDGIQGLLK	14
PPUB-4869	Proteomics_pub	4604824	4604850	-	5	HLNSGGELR	9
PPUB-4870	Proteomics_pub	4605013	4605057	-	5	LTLCDVSAPAVEASR	15
PPUB-4871	Proteomics_pub	4605133	4605189	-	5	DGLDVGSQ LLLSTLTPHTK	19
PPUB-4872	Proteomics_pub	4605190	4605213	-	5	TLPGVFSR	8
PPUB-4873	Proteomics_pub	4605214	4605252	-	5	FWGEYSVDGLTVK	13
PPUB-4874	Proteomics_pub	4605616	4605657	-	5	ILFAGDLQDDL PAR	14
PPUB-4875	Proteomics_pub	4605658	4605684	-	5	HSDDFEQSR	9
PPUB-4876	Proteomics_pub	4605685	4605720	-	5	SAFTPASEVLLR	12
PPUB-4877	Proteomics_pub	4619870	4619926	-	6	VFAYATHPIFSGNAANNLR	19
PPUB-4878	Proteomics_pub	4621250	4621306	-	6	AQVFTDSLNPAPLEALAGR	19
PPUB-4879	Proteomics_pub	4626908	4626937	-	6	TLGADALEPK	10
PPUB-4880	Proteomics_pub	4627043	4627102	-	6	ALENALLEFPGCAMVISHDR	20
PPUB-4881	Proteomics_pub	4627196	4627225	-	6	RVGELSGGER	10
PPUB-4882	Proteomics_pub	4627271	4627297	-	6	IGNTEMP SR	9
PPUB-4883	Proteomics_pub	4627298	4627339	-	6	TVWEEVSGGLDIMK	14
PPUB-4884	Proteomics_pub	4627385	4627444	-	6	MISGQEQPDSGTITLGETVK	20
PPUB-4885	Proteomics_pub	4627460	4627501	-	6	GAIVGIIPNGAGK	14
PPUB-4886	Proteomics_pub	4627502	4627537	-	6	LLIDDL SFSIPK	12
PPUB-4887	Proteomics_pub	4627592	4627633	-	6	RNETNELFIPPGPR	14
PPUB-4888	Proteomics_pub	4627634	4627666	-	6	FEELNSTEYQK	11
PPUB-4889	Proteomics_pub	4627751	4627783	-	6	LAQEASQEAAR	11
PPUB-4890	Proteomics_pub	4627889	4627936	-	6	FLHDFEGTVVAITHDR	16
PPUB-4891	Proteomics_pub	4628042	4628068	-	6	IANLSGGER	9
PPUB-4892	Proteomics_pub	4628108	4628164	-	6	LEEIIQAHDGHNLNVQLER	19
PPUB-4893	Proteomics_pub	4628240	4628284	-	6	ESIEEAVSEVVNALK	15

PPUB-4894	Proteomics_pub	4628285	4628335	-	6	IGYLPQEPQLNPEHTVR	17
PPUB-4895	Proteomics_pub	4628411	4628443	-	6	IGVLGLNGAGK	11
PPUB-4896	Proteomics_pub	4628444	4628476	-	6	NISLSFFPGAK	11
PPUB-4897	Proteomics_pub	4633064	4633090	-	6	FDSQQTFTTR	9
PPUB-4898	Proteomics_pub	4633091	4633132	-	6	LTARPILDIALQYR	14
PPUB-4899	Proteomics_pub	4637637	4637699	-	4	HFESTPDTPEIIATIHGEGYR	21
PPUB-4900	Proteomics_pub	4637796	4637828	-	4	AMLHFCENPGK	11
PPUB-4901	Proteomics_pub	4637841	4637882	-	4	SLIGPDGEQYKLPK	14
PPUB-4902	Proteomics_pub	4637850	4637882	-	4	SLIGPDGEQYK	11
PPUB-4903	Proteomics_pub	4637883	4637915	-	4	FNGWELDINSR	11
PPUB-4904	Proteomics_pub	4637934	4637969	-	4	TMNLGTVSEERR	12
PPUB-4905	Proteomics_pub	4637937	4637969	-	4	TMNLGTVSEER	11
PPUB-4906	Proteomics_pub	4638006	4638062	-	4	ILGLEIGADDYITKPFNPR	19
PPUB-4907	Proteomics_pub	4638081	4638119	-	4	EQANVALMFLTGR	13

Supplementary Table 7: Maximally extendable ORFs predicted from all six possible translational frames. Abbreviations: FOC, filtered observation count; pORF, potential ORF.

mORF id	Start	End	Strand	Frame	Length (bp)	Codon		peptide	FOC	pORF
						Start	Stop			
mORF_+_30	30	98	+	3	69	ATG	TAA	0	0	
mORF_+_38	38	76	+	2	39	GTG	TGA	0	0	
mORF_+_40	40	48	+	1	9	GTG	TAA	0	0	
mORF_+_91	91	114	+	1	24	GTG	TGA	0	0	
mORF_+_111	111	119	+	3	9	TTG	TAG	0	0	
mORF_+_190	190	255	+	1	66	ATG	TGA	0	0	
mORF_+_245	245	331	+	2	87	GTG	TAA	0	0	
mORF_+_294	294	323	+	3	30	GTG	TAA	0	0	
mORF_+_337	337	2799	+	1	2463	ATG	TGA	186	3524	pORF_+_337
mORF_+_374	374	487	+	2	114	ATG	TGA	0	0	
mORF_+_488	488	562	+	2	75	TTG	TGA	0	0	
mORF_+_629	629	640	+	2	12	TTG	TAA	0	0	
mORF_+_644	644	703	+	2	60	ATG	TGA	0	0	
mORF_+_675	675	686	+	3	12	GTG	TAG	0	0	
mORF_+_705	705	842	+	3	138	TTG	TGA	0	0	
mORF_+_710	710	751	+	2	42	GTG	TAG	0	0	
mORF_+_836	836	895	+	2	60	TTG	TGA	0	0	
mORF_+_917	917	1075	+	2	159	ATG	TGA	0	0	
mORF_+_999	999	1025	+	3	27	TTG	TGA	0	0	
mORF_+_1173	1173	1184	+	3	12	TTG	TAA	0	0	
mORF_+_1220	1220	1273	+	2	54	TTG	TGA	0	0	
mORF_+_1343	1343	1381	+	2	39	TTG	TGA	0	0	
mORF_+_1436	1436	1483	+	2	48	GTG	TGA	0	0	
mORF_+_1544	1544	1666	+	2	123	GTG	TAA	0	0	
mORF_+_1673	1673	1747	+	2	75	ATG	TGA	0	0	
mORF_+_1748	1748	1789	+	2	42	TTG	TGA	0	0	
mORF_+_1832	1832	1948	+	2	117	GTG	TAA	0	0	
mORF_+_1988	1988	2224	+	2	237	TTG	TGA	0	0	
mORF_+_2351	2351	2389	+	2	39	ATG	TGA	0	0	
mORF_+_2399	2399	2608	+	2	210	GTG	TGA	0	0	
mORF_+_2612	2612	2650	+	2	39	TTG	TGA	0	0	
mORF_+_2654	2654	2791	+	2	138	ATG	TAG	0	0	
mORF_+_2781	2781	2840	+	3	60	ATG	TGA	0	0	
mORF_+_2801	2801	3733	+	2	933	ATG	TAA	31	290	pORF_+_2801
mORF_+_2850	2850	2873	+	3	24	TTG	TGA	0	0	
mORF_+_2880	2880	2906	+	3	27	TTG	TAG	0	0	
mORF_+_2913	2913	3053	+	3	141	TTG	TGA	0	0	
mORF_+_3001	3001	3033	+	1	33	GTG	TAA	0	0	
mORF_+_3096	3096	3122	+	3	27	GTG	TGA	0	0	
mORF_+_3132	3132	3179	+	3	48	ATG	TGA	0	0	
mORF_+_3235	3235	3306	+	1	72	GTG	TGA	0	0	
mORF_+_3246	3246	3260	+	3	15	GTG	TGA	0	0	
mORF_+_3303	3303	3476	+	3	174	TTG	TGA	0	0	
mORF_+_3310	3310	3342	+	1	33	GTG	TAA	0	0	
mORF_+_3397	3397	3459	+	1	63	TTG	TGA	0	0	
mORF_+_3483	3483	3566	+	3	84	ATG	TAG	0	0	
mORF_+_3607	3607	3612	+	1	6	GTG	TGA	0	0	
mORF_+_3609	3609	3737	+	3	129	GTG	TGA	0	0	
mORF_+_3691	3691	3858	+	1	168	TTG	TGA	0	0	
mORF_+_3734	3734	5020	+	2	1287	ATG	TAA	117	3490	pORF_+_3734
mORF_+_3777	3777	3791	+	3	15	TTG	TAA	0	0	
mORF_+_3861	3861	3875	+	3	15	TTG	TGA	0	0	
mORF_+_3885	3885	4088	+	3	204	TTG	TGA	0	0	
mORF_+_4015	4015	4053	+	1	39	TTG	TAA	0	0	
mORF_+_4095	4095	4115	+	3	21	TTG	TGA	0	0	
mORF_+_4137	4137	4187	+	3	51	GTG	TGA	0	0	
mORF_+_4272	4272	4313	+	3	42	TTG	TGA	0	0	
mORF_+_4323	4323	4340	+	3	18	TTG	TGA	0	0	
mORF_+_4402	4402	4416	+	1	15	TTG	TGA	0	0	

mORF_+_4413	4413	4493	+	3	81	TTG	TGA	0	0
mORF_+_4542	4542	4559	+	3	18	TTG	TGA	0	0
mORF_+_4594	4594	4731	+	1	138	GTG	TGA	0	0
mORF_+_4665	4665	4703	+	3	39	GTG	TGA	0	0
mORF_+_4716	4716	4763	+	3	48	ATG	TAA	0	0
mORF_+_4809	4809	4829	+	3	21	GTG	TGA	0	0
mORF_+_4842	4842	5003	+	3	162	ATG	TGA	0	0
mORF_+_5051	5051	5080	+	2	30	TTG	TGA	0	0
mORF_+_5059	5059	5142	+	1	84	ATG	TAG	0	0
mORF_+_5088	5088	5237	+	3	150	ATG	TGA	0	0
mORF_+_5129	5129	5137	+	2	9	ATG	TAA	0	0
mORF_+_5152	5152	5187	+	1	36	TTG	TAA	0	0
mORF_+_5215	5215	5352	+	1	138	ATG	TGA	0	0
mORF_+_5234	5234	5530	+	2	297	GTG	TAA	0	0
mORF_+_5349	5349	5534	+	3	186	GTG	TGA	0	0
mORF_+_5401	5401	5418	+	1	18	GTG	TGA	0	0
mORF_+_5419	5419	5475	+	1	57	ATG	TAA	0	0
mORF_+_5531	5531	5548	+	2	18	ATG	TAA	0	0
mORF_+_5538	5538	5570	+	3	33	ATG	TGA	0	0
mORF_+_5570	5570	5605	+	2	36	ATG	TAA	0	0
mORF_+_5618	5618	5674	+	2	57	TTG	TGA	0	0
mORF_+_5628	5628	5639	+	3	12	ATG	TAG	0	0
mORF_+_5671	5671	5946	+	1	276	TTG	TGA	0	0
mORF_+_5720	5720	5749	+	2	30	TTG	TAA	0	0
mORF_+_5783	5783	5842	+	2	60	TTG	TAG	0	0
mORF_+_5826	5826	5837	+	3	12	GTG	TAG	0	0
mORF_+_5849	5849	6028	+	2	180	ATG	TGA	0	0
mORF_+_5974	5974	6093	+	1	120	TTG	TAA	0	0
mORF_+_5976	5976	6008	+	3	33	GTG	TGA	0	0
mORF_+_6139	6139	6378	+	1	240	ATG	TAA	0	0
mORF_+_6194	6194	6199	+	2	6	GTG	TAG	0	0
mORF_+_6245	6245	6268	+	2	24	GTG	TGA	0	0
mORF_+_6281	6281	6397	+	2	117	TTG	TAG	0	0
mORF_+_6401	6401	6424	+	2	24	GTG	TAA	0	0
mORF_+_6418	6418	6444	+	1	27	TTG	TGA	0	0
mORF_+_6441	6441	6449	+	3	9	GTG	TAA	0	0
mORF_+_6469	6469	6504	+	1	36	TTG	TGA	0	0
mORF_+_6482	6482	6589	+	2	108	ATG	TAA	0	0
mORF_+_6501	6501	6515	+	3	15	ATG	TGA	0	0
mORF_+_6523	6523	6528	+	1	6	TTG	TGA	0	0
mORF_+_6525	6525	6698	+	3	174	GTG	TAA	0	0
mORF_+_6650	6650	6658	+	2	9	ATG	TGA	0	0
mORF_+_6655	6655	6678	+	1	24	ATG	TAA	0	0
mORF_+_6680	6680	6853	+	2	174	ATG	TAA	0	0
mORF_+_6730	6730	6753	+	1	24	TTG	TAG	0	0
mORF_+_6774	6774	6812	+	3	39	TTG	TAG	0	0
mORF_+_6854	6854	6859	+	2	6	ATG	TAG	0	0
mORF_+_6860	6860	6961	+	2	102	TTG	TGA	0	0
mORF_+_6977	6977	6982	+	2	6	ATG	TAG	0	0
mORF_+_6984	6984	7034	+	3	51	TTG	TGA	0	0
mORF_+_6986	6986	7168	+	2	183	GTG	TGA	0	0
mORF_+_7075	7075	7194	+	1	120	TTG	TAA	0	0
mORF_+_7122	7122	7178	+	3	57	TTG	TAG	0	0
mORF_+_7259	7259	7369	+	2	111	ATG	TGA	0	0
mORF_+_7264	7264	7773	+	1	510	GTG	TGA	0	0
mORF_+_7379	7379	7477	+	2	99	GTG	TGA	0	0
mORF_+_7383	7383	7397	+	3	15	TTG	TAA	0	0
mORF_+_7493	7493	7501	+	2	9	ATG	TAG	0	0
mORF_+_7505	7505	7615	+	2	111	ATG	TAA	0	0
mORF_+_7569	7569	7598	+	3	30	ATG	TGA	0	0
mORF_+_7620	7620	7661	+	3	42	GTG	TAA	0	0
mORF_+_7652	7652	7777	+	2	126	ATG	TGA	0	0
mORF_+_7770	7770	7820	+	3	51	ATG	TAA	0	0

mORF+_7804	7804	7989	+	1	186	ATG	TGA	0	0	
mORF+_7808	7808	7846	+	2	39	ATG	TAG	0	0	
mORF+_7865	7865	7906	+	2	42	GTG	TAA	0	0	
mORF+_7937	7937	8002	+	2	66	ATG	TAA	0	0	
mORF+_7974	7974	8141	+	3	168	TTG	TAA	0	0	
mORF+_8044	8044	8061	+	1	18	TTG	TAG	0	0	
mORF+_8075	8075	8359	+	2	285	TTG	TAA	0	0	
mORF+_8157	8157	8165	+	3	9	TTG	TGA	0	0	
mORF+_8175	8175	9191	+	3	1017	GTG	TAA	142	4767	pORF+_8175
mORF+_8329	8329	8391	+	1	63	ATG	TGA	0	0	
mORF+_8392	8392	8475	+	1	84	TTG	TAA	0	0	
mORF+_8479	8479	8496	+	1	18	TTG	TGA	0	0	
mORF+_8527	8527	8583	+	1	57	TTG	TGA	0	0	
mORF+_8599	8599	8628	+	1	30	ATG	TGA	0	0	
mORF+_8659	8659	8703	+	1	45	GTG	TGA	0	0	
mORF+_8731	8731	8760	+	1	30	GTG	TGA	0	0	
mORF+_8735	8735	8788	+	2	54	TTG	TGA	0	0	
mORF+_8770	8770	8964	+	1	195	TTG	TGA	0	0	
mORF+_9083	9083	9118	+	2	36	GTG	TAA	0	0	
mORF+_9142	9142	9174	+	1	33	TTG	TGA	0	0	
mORF+_9203	9203	9343	+	2	141	GTG	TGA	0	0	
mORF+_9261	9261	9278	+	3	18	GTG	TAA	0	0	
mORF+_9303	9303	9893	+	3	591	TTG	TAA	21	129	pORF+_9303
mORF+_9322	9322	9330	+	1	9	TTG	TAG	0	0	
mORF+_9395	9395	9427	+	2	33	ATG	TGA	0	0	
mORF+_9424	9424	9444	+	1	21	TTG	TAA	0	0	
mORF+_9451	9451	9501	+	1	51	ATG	TGA	0	0	
mORF+_9479	9479	9484	+	2	6	GTG	TGA	0	0	
mORF+_9503	9503	9550	+	2	48	TTG	TGA	0	0	
mORF+_9547	9547	9555	+	1	9	GTG	TAA	0	0	
mORF+_9562	9562	9579	+	1	18	ATG	TAG	0	0	
mORF+_9601	9601	9672	+	1	72	TTG	TGA	0	0	
mORF+_9739	9739	9744	+	1	6	GTG	TGA	0	0	
mORF+_9763	9763	10299	+	1	537	TTG	TAA	0	0	
mORF+_9956	9956	10000	+	2	45	GTG	TAG	0	0	
mORF+_10002	10002	10049	+	3	48	TTG	TGA	0	0	
mORF+_10046	10046	10192	+	2	147	ATG	TAG	0	0	
mORF+_10050	10050	10109	+	3	60	TTG	TAA	0	0	
mORF+_10131	10131	10160	+	3	30	GTG	TAA	0	0	
mORF+_10206	10206	10289	+	3	84	GTG	TGA	0	0	
mORF+_10286	10286	10363	+	2	78	GTG	TAG	0	0	
mORF+_10290	10290	10385	+	3	96	ATG	TAA	0	0	
mORF+_10345	10345	10521	+	1	177	TTG	TGA	0	0	
mORF+_10367	10367	10405	+	2	39	ATG	TAA	0	0	
mORF+_10412	10412	10528	+	2	117	TTG	TGA	0	0	
mORF+_10464	10464	10475	+	3	12	GTG	TAG	0	0	
mORF+_10518	10518	10652	+	3	135	ATG	TGA	0	0	
mORF+_10522	10522	10533	+	1	12	ATG	TAA	0	0	
mORF+_10552	10552	10620	+	1	69	GTG	TGA	0	0	
mORF+_10592	10592	10609	+	2	18	GTG	TGA	0	0	
mORF+_10653	10653	10715	+	3	63	GTG	TAG	0	0	
mORF+_10685	10685	10747	+	2	63	TTG	TAG	0	0	
mORF+_10747	10747	11031	+	1	285	GTG	TAG	0	0	
mORF+_10793	10793	10828	+	2	36	ATG	TAA	0	0	
mORF+_10821	10821	11315	+	3	495	GTG	TGA	0	0	
mORF+_10841	10841	10879	+	2	39	TTG	TAA	0	0	
mORF+_10940	10940	11008	+	2	69	GTG	TAA	0	0	
mORF+_11012	11012	11068	+	2	57	TTG	TGA	0	0	
mORF+_11065	11065	11211	+	1	147	TTG	TAA	0	0	
mORF+_11102	11102	11149	+	2	48	GTG	TAA	0	0	
mORF+_11180	11180	11332	+	2	153	ATG	TGA	0	0	
mORF+_11287	11287	11349	+	1	63	TTG	TAA	0	0	
mORF+_11360	11360	11398	+	2	39	TTG	TAA	0	0	

mORF_+_11362	11362	11385	+	1	24	GTG	TAG	0	0	
mORF_+_11407	11407	11436	+	1	30	GTG	TGA	0	0	
mORF_+_11420	11420	11449	+	2	30	ATG	TGA	0	0	
mORF_+_11433	11433	11456	+	3	24	ATG	TGA	0	0	
mORF_+_11446	11446	11547	+	1	102	GTG	TGA	0	0	
mORF_+_11453	11453	11488	+	2	36	TTG	TAA	0	0	
mORF_+_11508	11508	11528	+	3	21	TTG	TGA	0	0	
mORF_+_11566	11566	11574	+	1	9	TTG	TAA	0	0	
mORF_+_11579	11579	11749	+	2	171	ATG	TAA	0	0	
mORF_+_11604	11604	11813	+	3	210	ATG	TAG	0	0	
mORF_+_11623	11623	11832	+	1	210	ATG	TAG	0	0	
mORF_+_11891	11891	11932	+	2	42	TTG	TAA	0	0	
mORF_+_11898	11898	12017	+	3	120	ATG	TGA	0	0	
mORF_+_11935	11935	12042	+	1	108	TTG	TAG	0	0	
mORF_+_11954	11954	12058	+	2	105	TTG	TGA	0	0	
mORF_+_12055	12055	12078	+	1	24	GTG	TGA	0	0	
mORF_+_12059	12059	12175	+	2	117	GTG	TAA	0	0	
mORF_+_12075	12075	12092	+	3	18	ATG	TGA	0	0	
mORF_+_12163	12163	14079	+	1	1917	ATG	TAA	261	8561	pORF_+_12163
mORF_+_12176	12176	12211	+	2	36	TTG	TAG	0	0	
mORF_+_12204	12204	12302	+	3	99	TTG	TGA	0	0	
mORF_+_12221	12221	12310	+	2	90	ATG	TAG	0	0	
mORF_+_12311	12311	12340	+	2	30	TTG	TGA	0	0	
mORF_+_12362	12362	12379	+	2	18	TTG	TGA	0	0	
mORF_+_12380	12380	12523	+	2	144	TTG	TGA	0	0	
mORF_+_12465	12465	12479	+	3	15	ATG	TAA	0	0	
mORF_+_12557	12557	12568	+	2	12	GTG	TAA	0	0	
mORF_+_12605	12605	12658	+	2	54	ATG	TAA	0	0	
mORF_+_12740	12740	12871	+	2	132	ATG	TGA	0	0	
mORF_+_12884	12884	12949	+	2	66	TTG	TGA	0	0	
mORF_+_13067	13067	13102	+	2	36	GTG	TAA	0	0	
mORF_+_13112	13112	13123	+	2	12	TTG	TGA	0	0	
mORF_+_13127	13127	13276	+	2	150	TTG	TAG	0	0	
mORF_+_13283	13283	13309	+	2	27	GTG	TGA	0	0	
mORF_+_13313	13313	13321	+	2	9	GTG	TAA	0	0	
mORF_+_13379	13379	13384	+	2	6	GTG	TGA	0	0	
mORF_+_13478	13478	13540	+	2	63	ATG	TAG	0	0	
mORF_+_13541	13541	13684	+	2	144	ATG	TGA	0	0	
mORF_+_13691	13691	13870	+	2	180	ATG	TGA	0	0	
mORF_+_13895	13895	13957	+	2	63	GTG	TGA	0	0	
mORF_+_13979	13979	14098	+	2	120	ATG	TAA	0	0	
mORF_+_14138	14138	15298	+	2	1161	GTG	TAA	47	329	pORF_+_14138
mORF_+_14223	14223	14258	+	3	36	GTG	TGA	0	0	
mORF_+_14283	14283	14339	+	3	57	GTG	TGA	0	0	
mORF_+_14355	14355	14564	+	3	210	GTG	TGA	0	0	
mORF_+_14596	14596	14601	+	1	6	GTG	TGA	0	0	
mORF_+_14598	14598	14744	+	3	147	GTG	TGA	0	0	
mORF_+_14605	14605	14616	+	1	12	TTG	TAG	0	0	
mORF_+_14647	14647	14787	+	1	141	TTG	TGA	0	0	
mORF_+_14769	14769	15041	+	3	273	ATG	TGA	0	0	
mORF_+_14959	14959	15024	+	1	66	TTG	TGA	0	0	
mORF_+_15111	15111	15161	+	3	51	GTG	TAG	0	0	
mORF_+_15133	15133	15261	+	1	129	GTG	TGA	0	0	
mORF_+_15213	15213	15269	+	3	57	GTG	TGA	0	0	
mORF_+_15279	15279	15290	+	3	12	TTG	TGA	0	0	
mORF_+_15318	15318	15335	+	3	18	GTG	TAA	0	0	
mORF_+_15343	15343	15351	+	1	9	GTG	TGA	0	0	
mORF_+_15348	15348	15371	+	3	24	TTG	TAA	0	0	
mORF_+_15356	15356	15394	+	2	39	ATG	TAA	0	0	
mORF_+_15373	15373	15432	+	1	60	GTG	TGA	0	0	
mORF_+_15410	15410	15427	+	2	18	TTG	TGA	0	0	
mORF_+_15429	15429	15437	+	3	9	ATG	TAA	0	0	
mORF_+_15439	15439	16557	+	1	1119	GTG	TAA	3	9	pORF_+_15439

mORF_+_15488	15488	15538	+	2	51	TTG	TAA	0	0
mORF_+_15557	15557	15679	+	2	123	GTG	TGA	0	0
mORF_+_15630	15630	15647	+	3	18	ATG	TGA	0	0
mORF_+_15692	15692	15886	+	2	195	ATG	TAA	0	0
mORF_+_15756	15756	15827	+	3	72	TTG	TGA	0	0
mORF_+_15828	15828	15851	+	3	24	ATG	TGA	0	0
mORF_+_15920	15920	16051	+	2	132	TTG	TAA	0	0
mORF_+_15978	15978	16010	+	3	33	ATG	TGA	0	0
mORF_+_16070	16070	16078	+	2	9	TTG	TGA	0	0
mORF_+_16101	16101	16109	+	3	9	TTG	TAA	0	0
mORF_+_16115	16115	16129	+	2	15	GTG	TAA	0	0
mORF_+_16184	16184	16216	+	2	33	TTG	TAA	0	0
mORF_+_16295	16295	16309	+	2	15	ATG	TAA	0	0
mORF_+_16325	16325	16489	+	2	165	ATG	TAA	0	0
mORF_+_16353	16353	16379	+	3	27	TTG	TGA	0	0
mORF_+_16455	16455	16469	+	3	15	GTG	TAA	0	0
mORF_+_16490	16490	16501	+	2	12	TTG	TAA	0	0
mORF_+_16532	16532	16720	+	2	189	GTG	TAG	0	0
mORF_+_16564	16564	16671	+	1	108	GTG	TAA	0	0
mORF_+_16611	16611	16628	+	3	18	GTG	TGA	0	0
mORF_+_16726	16726	16773	+	1	48	ATG	TGA	0	0
mORF_+_16745	16745	17032	+	2	288	TTG	TGA	0	0
mORF_+_16770	16770	16808	+	3	39	GTG	TGA	0	0
mORF_+_16854	16854	16964	+	3	111	GTG	TAG	0	0
mORF_+_16903	16903	16920	+	1	18	TTG	TGA	0	0
mORF_+_16948	16948	17025	+	1	78	ATG	TAA	0	0
mORF_+_17025	17025	17078	+	3	54	ATG	TAA	0	0
mORF_+_17085	17085	17102	+	3	18	TTG	TAA	0	0
mORF_+_17124	17124	17150	+	3	27	TTG	TAA	0	0
mORF_+_17126	17126	17134	+	2	9	GTG	TAA	0	0
mORF_+_17186	17186	17224	+	2	39	TTG	TAA	0	0
mORF_+_17208	17208	17252	+	3	45	TTG	TAA	0	0
mORF_+_17299	17299	17310	+	1	12	ATG	TAG	0	0
mORF_+_17325	17325	17384	+	3	60	GTG	TAG	0	0
mORF_+_17430	17430	17447	+	3	18	ATG	TAA	0	0
mORF_+_17437	17437	17514	+	1	78	GTG	TAG	0	0
mORF_+_17489	17489	18655	+	2	1167	GTG	TGA	0	0
mORF_+_17517	17517	17567	+	3	51	GTG	TGA	0	0
mORF_+_17592	17592	17678	+	3	87	GTG	TAA	0	0
mORF_+_17596	17596	17682	+	1	87	ATG	TGA	0	0
mORF_+_17679	17679	17690	+	3	12	ATG	TGA	0	0
mORF_+_17730	17730	17738	+	3	9	GTG	TGA	0	0
mORF_+_17793	17793	17804	+	3	12	TTG	TGA	0	0
mORF_+_17805	17805	17939	+	3	135	TTG	TAG	0	0
mORF_+_17863	17863	17886	+	1	24	GTG	TGA	0	0
mORF_+_17982	17982	18056	+	3	75	TTG	TAG	0	0
mORF_+_18060	18060	18080	+	3	21	TTG	TGA	0	0
mORF_+_18085	18085	18300	+	1	216	GTG	TAA	0	0
mORF_+_18087	18087	18149	+	3	63	GTG	TGA	0	0
mORF_+_18183	18183	18206	+	3	24	TTG	TGA	0	0
mORF_+_18216	18216	18275	+	3	60	ATG	TGA	0	0
mORF_+_18288	18288	18341	+	3	54	TTG	TGA	0	0
mORF_+_18381	18381	18431	+	3	51	TTG	TGA	0	0
mORF_+_18490	18490	18543	+	1	54	GTG	TAG	0	0
mORF_+_18522	18522	18548	+	3	27	TTG	TAG	0	0
mORF_+_18612	18612	18770	+	3	159	TTG	TAA	0	0
mORF_+_18652	18652	18681	+	1	30	TTG	TAA	0	0
mORF_+_18697	18697	19620	+	1	924	TTG	TAA	0	0
mORF_+_18761	18761	18811	+	2	51	ATG	TAA	0	0
mORF_+_18887	18887	18952	+	2	66	GTG	TAA	0	0
mORF_+_18971	18971	18976	+	2	6	TTG	TGA	0	0
mORF_+_19004	19004	19072	+	2	69	TTG	TAG	0	0
mORF_+_19214	19214	19231	+	2	18	TTG	TGA	0	0

mORF_+_19221	19221	19340	+	3	120	ATG	TAA	0	0	
mORF_+_19385	19385	19402	+	2	18	TTG	TGA	0	0	
mORF_+_19412	19412	19489	+	2	78	TTG	TAG	0	0	
mORF_+_19493	19493	19513	+	2	21	TTG	TGA	0	0	
mORF_+_19526	19526	19549	+	2	24	ATG	TGA	0	0	
mORF_+_19644	19644	19661	+	3	18	GTG	TAG	0	0	
mORF_+_19662	19662	19754	+	3	93	TTG	TGA	0	0	
mORF_+_19697	19697	19708	+	2	12	TTG	TGA	0	0	
mORF_+_19705	19705	19740	+	1	36	TTG	TAA	0	0	
mORF_+_19766	19766	19876	+	2	111	ATG	TGA	0	0	
mORF_+_19791	19791	19817	+	3	27	TTG	TGA	0	0	
mORF_+_19827	19827	19838	+	3	12	ATG	TAA	0	0	
mORF_+_19845	19845	20135	+	3	291	ATG	TAA	0	0	
mORF_+_19873	19873	19965	+	1	93	TTG	TGA	0	0	
mORF_+_19910	19910	20044	+	2	135	GTG	TGA	0	0	
mORF_+_20041	20041	20058	+	1	18	GTG	TAA	0	0	
mORF_+_20096	20096	20263	+	2	168	GTG	TGA	0	0	
mORF_+_20202	20202	20279	+	3	78	ATG	TGA	0	0	
mORF_+_20260	20260	20268	+	1	9	GTG	TAA	0	0	
mORF_+_20273	20273	20365	+	2	93	GTG	TGA	0	0	
mORF_+_20304	20304	20342	+	3	39	TTG	TGA	0	0	
mORF_+_20350	20350	20475	+	1	126	GTG	TGA	0	0	
mORF_+_20372	20372	20377	+	2	6	GTG	TAA	0	0	
mORF_+_20378	20378	20410	+	2	33	GTG	TGA	0	0	
mORF_+_20394	20394	20471	+	3	78	ATG	TAG	0	0	
mORF_+_20438	20438	20548	+	2	111	GTG	TAA	0	0	
mORF_+_20550	20550	20618	+	3	69	TTG	TGA	0	0	
mORF_+_20573	20573	20668	+	2	96	GTG	TAA	0	0	
mORF_+_20596	20596	20622	+	1	27	TTG	TAG	0	0	
mORF_+_20629	20629	20688	+	1	60	TTG	TAG	0	0	
mORF_+_20698	20698	21063	+	1	366	ATG	TGA	0	0	
mORF_+_20730	20730	20765	+	3	36	GTG	TAA	0	0	
mORF_+_20808	20808	20831	+	3	24	TTG	TGA	0	0	
mORF_+_20825	20825	20857	+	2	33	TTG	TGA	0	0	
mORF_+_20835	20835	20849	+	3	15	GTG	TAG	0	0	
mORF_+_20859	20859	20891	+	3	33	GTG	TAG	0	0	
mORF_+_20867	20867	20899	+	2	33	TTG	TGA	0	0	
mORF_+_20928	20928	20966	+	3	39	ATG	TAG	0	0	
mORF_+_20948	20948	21043	+	2	96	TTG	TGA	0	0	
mORF_+_21012	21012	21059	+	3	48	TTG	TAG	0	0	
mORF_+_21044	21044	21181	+	2	138	ATG	TAA	0	0	
mORF_+_21093	21093	21140	+	3	48	ATG	TAG	0	0	
mORF_+_21148	21148	21171	+	1	24	TTG	TAA	0	0	
mORF_+_21162	21162	21203	+	3	42	GTG	TAG	0	0	
mORF_+_21181	21181	21399	+	1	219	ATG	TGA	0	0	
mORF_+_21203	21203	21259	+	2	57	GTG	TAA	0	0	
mORF_+_21234	21234	21239	+	3	6	GTG	TGA	0	0	
mORF_+_21263	21263	21292	+	2	30	TTG	TGA	0	0	
mORF_+_21294	21294	21410	+	3	117	TTG	TGA	0	0	
mORF_+_21407	21407	22348	+	2	942	ATG	TAA	13	50	pORF_+_21407
mORF_+_21457	21457	21477	+	1	21	GTG	TAA	0	0	
mORF_+_21459	21459	21467	+	3	9	GTG	TGA	0	0	
mORF_+_21471	21471	21557	+	3	87	TTG	TGA	0	0	
mORF_+_21570	21570	21623	+	3	54	TTG	TGA	0	0	
mORF_+_21651	21651	21713	+	3	63	TTG	TAA	0	0	
mORF_+_21658	21658	21669	+	1	12	GTG	TGA	0	0	
mORF_+_21679	21679	21780	+	1	102	GTG	TGA	0	0	
mORF_+_21768	21768	21776	+	3	9	TTG	TAG	0	0	
mORF_+_21777	21777	21992	+	3	216	GTG	TAG	0	0	
mORF_+_21877	21877	21933	+	1	57	TTG	TGA	0	0	
mORF_+_21999	21999	22010	+	3	12	GTG	TAG	0	0	
mORF_+_22038	22038	22070	+	3	33	ATG	TGA	0	0	
mORF_+_22080	22080	22088	+	3	9	ATG	TAG	0	0	

mORF_+_22104	22104	22190	+	3	87	GTG	TAG	0	0	
mORF_+_22191	22191	22229	+	3	39	ATG	TAG	0	0	
mORF_+_22251	22251	22283	+	3	33	ATG	TGA	0	0	
mORF_+_22293	22293	22310	+	3	18	TTG	TAA	0	0	
mORF_+_22326	22326	22334	+	3	9	TTG	TAA	0	0	
mORF_+_22356	22356	22361	+	3	6	ATG	TAA	0	0	
mORF_+_22391	22391	25207	+	2	2817	ATG	TGA	154	1052	pORF_+_22391
mORF_+_22395	22395	22415	+	3	21	GTG	TGA	0	0	
mORF_+_22443	22443	22613	+	3	171	GTG	TGA	0	0	
mORF_+_22483	22483	22491	+	1	9	TTG	TGA	0	0	
mORF_+_22650	22650	22703	+	3	54	ATG	TGA	0	0	
mORF_+_22731	22731	22856	+	3	126	GTG	TGA	0	0	
mORF_+_22765	22765	22794	+	1	30	GTG	TGA	0	0	
mORF_+_22951	22951	22959	+	1	9	GTG	TGA	0	0	
mORF_+_22956	22956	23057	+	3	102	TTG	TGA	0	0	
mORF_+_23067	23067	23075	+	3	9	TTG	TAA	0	0	
mORF_+_23122	23122	23226	+	1	105	GTG	TGA	0	0	
mORF_+_23154	23154	23204	+	3	51	TTG	TGA	0	0	
mORF_+_23223	23223	23234	+	3	12	TTG	TAA	0	0	
mORF_+_23283	23283	23423	+	3	141	GTG	TGA	0	0	
mORF_+_23460	23460	23513	+	3	54	TTG	TGA	0	0	
mORF_+_23541	23541	23696	+	3	156	TTG	TGA	0	0	
mORF_+_23602	23602	23763	+	1	162	GTG	TAA	0	0	
mORF_+_23757	23757	23867	+	3	111	TTG	TGA	0	0	
mORF_+_23776	23776	23862	+	1	87	GTG	TGA	0	0	
mORF_+_23889	23889	23966	+	3	78	TTG	TGA	0	0	
mORF_+_23911	23911	23955	+	1	45	GTG	TGA	0	0	
mORF_+_23985	23985	24113	+	3	129	ATG	TAA	0	0	
mORF_+_23989	23989	23997	+	1	9	ATG	TGA	0	0	
mORF_+_24180	24180	24239	+	3	60	ATG	TGA	0	0	
mORF_+_24271	24271	24300	+	1	30	GTG	TGA	0	0	
mORF_+_24297	24297	24326	+	3	30	GTG	TGA	0	0	
mORF_+_24330	24330	24389	+	3	60	GTG	TGA	0	0	
mORF_+_24396	24396	24419	+	3	24	TTG	TGA	0	0	
mORF_+_24460	24460	24555	+	1	96	TTG	TGA	1	2	pORF_+_24460
mORF_+_24462	24462	24536	+	3	75	GTG	TGA	0	0	
mORF_+_24552	24552	24803	+	3	252	TTG	TGA	0	0	
mORF_+_24712	24712	24738	+	1	27	GTG	TGA	0	0	
mORF_+_24760	24760	24795	+	1	36	GTG	TGA	0	0	
mORF_+_24807	24807	24830	+	3	24	ATG	TGA	0	0	
mORF_+_24837	24837	24848	+	3	12	GTG	TGA	0	0	
mORF_+_24858	24858	24911	+	3	54	TTG	TAA	0	0	
mORF_+_24918	24918	24947	+	3	30	ATG	TGA	0	0	
mORF_+_24960	24960	24983	+	3	24	ATG	TGA	0	0	
mORF_+_24999	24999	25058	+	3	60	TTG	TGA	0	0	
mORF_+_25083	25083	25346	+	3	264	GTG	TAA	0	0	
mORF_+_25090	25090	25182	+	1	93	GTG	TGA	0	0	
mORF_+_25207	25207	25701	+	1	495	ATG	TAA	0	0	
mORF_+_25307	25307	25450	+	2	144	TTG	TGA	0	0	
mORF_+_25413	25413	25445	+	3	33	TTG	TAG	0	0	
mORF_+_25520	25520	25579	+	2	60	TTG	TGA	0	0	
mORF_+_25554	25554	25685	+	3	132	GTG	TAG	0	0	
mORF_+_25622	25622	25657	+	2	36	TTG	TGA	0	0	
mORF_+_25658	25658	25726	+	2	69	TTG	TGA	0	0	
mORF_+_25720	25720	25833	+	1	114	ATG	TGA	0	0	
mORF_+_25749	25749	25877	+	3	129	TTG	TAA	0	0	
mORF_+_25826	25826	26275	+	2	450	ATG	TAA	10	66	pORF_+_25826
mORF_+_25887	25887	25991	+	3	105	ATG	TGA	0	0	
mORF_+_26028	26028	26060	+	3	33	ATG	TGA	0	0	
mORF_+_26079	26079	26162	+	3	84	GTG	TGA	0	0	
mORF_+_26193	26193	27227	+	3	1035	TTG	TAA	14	105	pORF_+_26193
mORF_+_26302	26302	26322	+	1	21	GTG	TAG	0	0	
mORF_+_26309	26309	26344	+	2	36	TTG	TGA	0	0	

mORF_+_26338	26338	26484	+	1	147	TTG	TGA	0	0	
mORF_+_26500	26500	26544	+	1	45	GTG	TGA	0	0	
mORF_+_26551	26551	26574	+	1	24	TTG	TGA	0	0	
mORF_+_26611	26611	26736	+	1	126	GTG	TGA	0	0	
mORF_+_26726	26726	26794	+	2	69	GTG	TGA	0	0	
mORF_+_26791	26791	26808	+	1	18	ATG	TGA	0	0	
mORF_+_26839	26839	27009	+	1	171	TTG	TGA	0	0	
mORF_+_27010	27010	27045	+	1	36	TTG	TGA	0	0	
mORF_+_27038	27038	27055	+	2	18	GTG	TAA	0	0	
mORF_+_27056	27056	27142	+	2	87	ATG	TGA	0	0	
mORF_+_27106	27106	27243	+	1	138	ATG	TAA	0	0	
mORF_+_27247	27247	27321	+	1	75	ATG	TGA	0	0	
mORF_+_27255	27255	27389	+	3	135	ATG	TGA	0	0	
mORF_+_27293	27293	28207	+	2	915	ATG	TAA	6	25	pORF_+_27293
mORF_+_27408	27408	27626	+	3	219	ATG	TGA	0	0	
mORF_+_27630	27630	27671	+	3	42	GTG	TAA	0	0	
mORF_+_27678	27678	27734	+	3	57	TTG	TGA	0	0	
mORF_+_27697	27697	27786	+	1	90	ATG	TAA	0	0	
mORF_+_27741	27741	27881	+	3	141	GTG	TAA	0	0	
mORF_+_27847	27847	27888	+	1	42	GTG	TGA	0	0	
mORF_+_28050	28050	28160	+	3	111	TTG	TGA	0	0	
mORF_+_28111	28111	28185	+	1	75	TTG	TGA	0	0	
mORF_+_28216	28216	28260	+	1	45	ATG	TGA	0	0	
mORF_+_28227	28227	28283	+	3	57	ATG	TAA	0	0	
mORF_+_28247	28247	28318	+	2	72	ATG	TAG	0	0	
mORF_+_28303	28303	28338	+	1	36	TTG	TGA	0	0	
mORF_+_28348	28348	28371	+	1	24	ATG	TAG	0	0	
mORF_+_28374	28374	29195	+	3	822	ATG	TAA	49	757	pORF_+_28374
mORF_+_28378	28378	28437	+	1	60	ATG	TGA	0	0	
mORF_+_28489	28489	28581	+	1	93	GTG	TAA	0	0	
mORF_+_28585	28585	28632	+	1	48	ATG	TGA	0	0	
mORF_+_28646	28646	28693	+	2	48	TTG	TGA	0	0	
mORF_+_28657	28657	28674	+	1	18	ATG	TGA	0	0	
mORF_+_28690	28690	28812	+	1	123	TTG	TGA	0	0	
mORF_+_28816	28816	28932	+	1	117	GTG	TGA	0	0	
mORF_+_28937	28937	28957	+	2	21	TTG	TGA	0	0	
mORF_+_28954	28954	29097	+	1	144	GTG	TGA	0	0	
mORF_+_29101	29101	29118	+	1	18	TTG	TAA	0	0	
mORF_+_29129	29129	29143	+	2	15	GTG	TAA	0	0	
mORF_+_29137	29137	29226	+	1	90	GTG	TAA	0	0	
mORF_+_29207	29207	29350	+	2	144	TTG	TAA	0	0	
mORF_+_29263	29263	29295	+	1	33	TTG	TAA	0	0	
mORF_+_29286	29286	29306	+	3	21	ATG	TAA	0	0	
mORF_+_29307	29307	29441	+	3	135	GTG	TAG	0	0	
mORF_+_29326	29326	29355	+	1	30	TTG	TAA	0	0	
mORF_+_29359	29359	29445	+	1	87	TTG	TGA	0	0	
mORF_+_29399	29399	29461	+	2	63	ATG	TAA	0	0	
mORF_+_29442	29442	29498	+	3	57	ATG	TAA	0	0	
mORF_+_29461	29461	29481	+	1	21	ATG	TGA	0	0	
mORF_+_29474	29474	29611	+	2	138	ATG	TAA	0	0	
mORF_+_29553	29553	29573	+	3	21	TTG	TAA	0	0	
mORF_+_29580	29580	29588	+	3	9	TTG	TGA	0	0	
mORF_+_29601	29601	29606	+	3	6	TTG	TGA	0	0	
mORF_+_29613	29613	29627	+	3	15	ATG	TGA	0	0	
mORF_+_29624	29624	30799	+	2	1176	GTG	TAA	75	1335	pORF_+_29624
mORF_+_29628	29628	29654	+	3	27	GTG	TGA	0	0	
mORF_+_29730	29730	29759	+	3	30	TTG	TGA	0	0	
mORF_+_29829	29829	29894	+	3	66	TTG	TGA	0	0	
mORF_+_29913	29913	29957	+	3	45	TTG	TGA	0	0	
mORF_+_29979	29979	30005	+	3	27	TTG	TGA	0	0	
mORF_+_30036	30036	30083	+	3	48	ATG	TAG	0	0	
mORF_+_30111	30111	30137	+	3	27	ATG	TGA	0	0	
mORF_+_30186	30186	30299	+	3	114	GTG	TGA	0	0	

mORF_+_30330	30330	30338	+	3	9	ATG	TGA	0	0	
mORF_+_30391	30391	30543	+	1	153	GTG	TAA	0	0	
mORF_+_30489	30489	30509	+	3	21	GTG	TGA	0	0	
mORF_+_30513	30513	30566	+	3	54	TTG	TAA	0	0	
mORF_+_30591	30591	30770	+	3	180	TTG	TAA	0	0	
mORF_+_30771	30771	30809	+	3	39	TTG	TAA	0	0	
mORF_+_30817	30817	34038	+	1	3222	ATG	TAA	249	4405	pORF_+_30817
mORF_+_30857	30857	30958	+	2	102	GTG	TGA	0	0	
mORF_+_30885	30885	30890	+	3	6	GTG	TGA	0	0	
mORF_+_30915	30915	30920	+	3	6	GTG	TAA	0	0	
mORF_+_31001	31001	31105	+	2	105	ATG	TGA	0	0	
mORF_+_31151	31151	31162	+	2	12	GTG	TGA	0	0	
mORF_+_31163	31163	31219	+	2	57	TTG	TAG	0	0	
mORF_+_31232	31232	31432	+	2	201	TTG	TGA	0	0	
mORF_+_31311	31311	31346	+	3	36	GTG	TAG	0	0	
mORF_+_31389	31389	31436	+	3	48	TTG	TGA	0	0	
mORF_+_31433	31433	31447	+	2	15	TTG	TGA	0	0	
mORF_+_31481	31481	31585	+	2	105	GTG	TGA	0	0	
mORF_+_31634	31634	31681	+	2	48	GTG	TGA	0	0	
mORF_+_31703	31703	31717	+	2	15	TTG	TGA	0	0	
mORF_+_31772	31772	31822	+	2	51	TTG	TGA	0	0	
mORF_+_31877	31877	31939	+	2	63	ATG	TGA	0	0	
mORF_+_31958	31958	31969	+	2	12	TTG	TGA	0	0	
mORF_+_31976	31976	32056	+	2	81	TTG	TGA	0	0	
mORF_+_32063	32063	32080	+	2	18	ATG	TAA	0	0	
mORF_+_32138	32138	32182	+	2	45	ATG	TGA	0	0	
mORF_+_32189	32189	32269	+	2	81	TTG	TGA	0	0	
mORF_+_32306	32306	32680	+	2	375	TTG	TAA	0	0	
mORF_+_32466	32466	32495	+	3	30	GTG	TGA	0	0	
mORF_+_32559	32559	32615	+	3	57	TTG	TAA	0	0	
mORF_+_32690	32690	32761	+	2	72	ATG	TGA	0	0	
mORF_+_32816	32816	32872	+	2	57	ATG	TGA	0	0	
mORF_+_32909	32909	32923	+	2	15	TTG	TAG	0	0	
mORF_+_32939	32939	33097	+	2	159	TTG	TAG	0	0	
mORF_+_33101	33101	33139	+	2	39	TTG	TGA	0	0	
mORF_+_33140	33140	33220	+	2	81	TTG	TAA	0	0	
mORF_+_33195	33195	33338	+	3	144	ATG	TGA	0	0	
mORF_+_33236	33236	33241	+	2	6	ATG	TGA	0	0	
mORF_+_33305	33305	33313	+	2	9	TTG	TGA	0	0	
mORF_+_33335	33335	33421	+	2	87	TTG	TGA	0	0	
mORF_+_33524	33524	33538	+	2	15	TTG	TAG	0	0	
mORF_+_33599	33599	33634	+	2	36	TTG	TGA	0	0	
mORF_+_33647	33647	33712	+	2	66	GTG	TGA	0	0	
mORF_+_33731	33731	33790	+	2	60	ATG	TAA	0	0	
mORF_+_33800	33800	33901	+	2	102	ATG	TGA	0	0	
mORF_+_33911	33911	33949	+	2	39	GTG	TGA	0	0	
mORF_+_33959	33959	33979	+	2	21	TTG	TGA	0	0	
mORF_+_33980	33980	34003	+	2	24	ATG	TAA	0	0	
mORF_+_34043	34043	34072	+	2	30	GTG	TAA	0	0	
mORF_+_34048	34048	34077	+	1	30	ATG	TGA	0	0	
mORF_+_34074	34074	34085	+	3	12	TTG	TAA	0	0	
mORF_+_34102	34102	34167	+	1	66	ATG	TAA	0	0	
mORF_+_34119	34119	34133	+	3	15	TTG	TAA	0	0	
mORF_+_34139	34139	34159	+	2	21	TTG	TGA	0	0	
mORF_+_34195	34195	34695	+	1	501	GTG	TAA	2	19	pORF_+_34195
mORF_+_34233	34233	34286	+	3	54	ATG	TGA	0	0	
mORF_+_34247	34247	34267	+	2	21	TTG	TAG	0	0	
mORF_+_34283	34283	34339	+	2	57	GTG	TAA	0	0	
mORF_+_34302	34302	34307	+	3	6	GTG	TGA	0	0	
mORF_+_34347	34347	34361	+	3	15	ATG	TGA	0	0	
mORF_+_34368	34368	34409	+	3	42	GTG	TGA	0	0	
mORF_+_34406	34406	34435	+	2	30	TTG	TGA	0	0	
mORF_+_34509	34509	34532	+	3	24	ATG	TAA	0	0	

mORF_+_34547	34547	34594	+	2	48	ATG	TAG	0	0	
mORF_+_34598	34598	34603	+	2	6	GTG	TAA	0	0	
mORF_+_34659	34659	34709	+	3	51	GTG	TGA	0	0	
mORF_+_34706	34706	34864	+	2	159	TTG	TAA	0	0	
mORF_+_34725	34725	34745	+	3	21	TTG	TAG	0	0	
mORF_+_34732	34732	34791	+	1	60	ATG	TAG	0	0	
mORF_+_34846	34846	34941	+	1	96	GTG	TAA	0	0	
mORF_+_34871	34871	34927	+	2	57	ATG	TAA	0	0	
mORF_+_34902	34902	35174	+	3	273	TTG	TAG	0	0	
mORF_+_35086	35086	35157	+	1	72	ATG	TAG	0	0	
mORF_+_35111	35111	35248	+	2	138	ATG	TGA	0	0	
mORF_+_35184	35184	35198	+	3	15	ATG	TGA	0	0	
mORF_+_35202	35202	35234	+	3	33	TTG	TAG	0	0	
mORF_+_35245	35245	35904	+	1	660	GTG	TAA	0	0	
mORF_+_35262	35262	35267	+	3	6	ATG	TAG	0	0	
mORF_+_35312	35312	35347	+	2	36	ATG	TAA	0	0	
mORF_+_35432	35432	35464	+	2	33	ATG	TAG	0	0	
mORF_+_35457	35457	35573	+	3	117	ATG	TAA	0	0	
mORF_+_35522	35522	35533	+	2	12	GTG	TAG	0	0	
mORF_+_35633	35633	35854	+	2	222	TTG	TAG	0	0	
mORF_+_35879	35879	36235	+	2	357	TTG	TGA	0	0	
mORF_+_35940	35940	36008	+	3	69	GTG	TAA	0	0	
mORF_+_36025	36025	36048	+	1	24	TTG	TAG	0	0	
mORF_+_36078	36078	36089	+	3	12	TTG	TAG	0	0	
mORF_+_36099	36099	36116	+	3	18	TTG	TAA	0	0	
mORF_+_36126	36126	36242	+	3	117	TTG	TAG	0	0	
mORF_+_36145	36145	36150	+	1	6	ATG	TAA	0	0	
mORF_+_36178	36178	36228	+	1	51	TTG	TAG	0	0	
mORF_+_36232	36232	36981	+	1	750	GTG	TGA	0	0	
mORF_+_36312	36312	36329	+	3	18	GTG	TGA	0	0	
mORF_+_36402	36402	36437	+	3	36	ATG	TGA	0	0	
mORF_+_36434	36434	36487	+	2	54	TTG	TGA	0	0	
mORF_+_36560	36560	36583	+	2	24	TTG	TAA	0	0	
mORF_+_36656	36656	36757	+	2	102	GTG	TGA	0	0	
mORF_+_36663	36663	36671	+	3	9	GTG	TGA	0	0	
mORF_+_36842	36842	36871	+	2	30	ATG	TAA	0	0	
mORF_+_36932	36932	36940	+	2	9	TTG	TAA	0	0	
mORF_+_37034	37034	37153	+	2	120	GTG	TGA	0	0	
mORF_+_37150	37150	37317	+	1	168	ATG	TAG	1	3	pORF_+_37150
mORF_+_37194	37194	37247	+	3	54	GTG	TAA	0	0	
mORF_+_37235	37235	37240	+	2	6	TTG	TAA	0	0	
mORF_+_37271	37271	37330	+	2	60	GTG	TAG	0	0	
mORF_+_37323	37323	37367	+	3	45	GTG	TAA	0	0	
mORF_+_37337	37337	37351	+	2	15	GTG	TGA	0	0	
mORF_+_37345	37345	37626	+	1	282	TTG	TAG	0	0	
mORF_+_37395	37395	37463	+	3	69	GTG	TAG	0	0	
mORF_+_37415	37415	37429	+	2	15	ATG	TGA	0	0	
mORF_+_37430	37430	37447	+	2	18	GTG	TGA	0	0	
mORF_+_37575	37575	37601	+	3	27	TTG	TAA	0	0	
mORF_+_37613	37613	37663	+	2	51	TTG	TAA	0	0	
mORF_+_37626	37626	37685	+	3	60	GTG	TAA	0	0	
mORF_+_37676	37676	37693	+	2	18	GTG	TGA	0	0	
mORF_+_37759	37759	37800	+	1	42	ATG	TAG	0	0	
mORF_+_37801	37801	37887	+	1	87	ATG	TGA	0	0	
mORF_+_37814	37814	37870	+	2	57	ATG	TAG	0	0	
mORF_+_37824	37824	37901	+	3	78	TTG	TAG	0	0	
mORF_+_37911	37911	37940	+	3	30	TTG	TGA	0	0	
mORF_+_37941	37941	37958	+	3	18	ATG	TAG	0	0	
mORF_+_37974	37974	38093	+	3	120	ATG	TGA	0	0	
mORF_+_37994	37994	37999	+	2	6	ATG	TGA	0	0	
mORF_+_37996	37996	38037	+	1	42	GTG	TGA	0	0	
mORF_+_38018	38018	38101	+	2	84	TTG	TGA	0	0	
mORF_+_38094	38094	38255	+	3	162	GTG	TAA	0	0	

mORF_+_38098	38098	38277	+	1	180	TTG	TAA	0	0
mORF_+_38207	38207	38863	+	2	657	ATG	TAA	0	0
mORF_+_38283	38283	38384	+	3	102	GTG	TAG	0	0
mORF_+_38317	38317	38337	+	1	21	GTG	TAA	0	0
mORF_+_38436	38436	38474	+	3	39	TTG	TAA	0	0
mORF_+_38481	38481	38609	+	3	129	ATG	TAA	0	0
mORF_+_38566	38566	38676	+	1	111	GTG	TAA	0	0
mORF_+_38691	38691	38699	+	3	9	GTG	TAG	0	0
mORF_+_38709	38709	38735	+	3	27	TTG	TGA	0	0
mORF_+_38772	38772	38945	+	3	174	TTG	TAG	0	0
mORF_+_38915	38915	39106	+	2	192	GTG	TAG	0	0
mORF_+_38961	38961	39110	+	3	150	ATG	TGA	0	0
mORF_+_39107	39107	39148	+	2	42	ATG	TGA	0	0
mORF_+_39136	39136	39141	+	1	6	ATG	TAG	0	0
mORF_+_39145	39145	39519	+	1	375	ATG	TAA	0	0
mORF_+_39156	39156	39200	+	3	45	ATG	TAG	0	0
mORF_+_39347	39347	39550	+	2	204	ATG	TGA	0	0
mORF_+_39390	39390	39461	+	3	72	TTG	TGA	0	0
mORF_+_39532	39532	40023	+	1	492	GTG	TGA	0	0
mORF_+_39596	39596	39604	+	2	9	TTG	TAG	0	0
mORF_+_39644	39644	39850	+	2	207	TTG	TAG	0	0
mORF_+_39857	39857	39907	+	2	51	TTG	TAG	0	0
mORF_+_40043	40043	40135	+	2	93	GTG	TAG	0	0
mORF_+_40078	40078	40374	+	1	297	TTG	TAA	0	0
mORF_+_40080	40080	40106	+	3	27	GTG	TGA	0	0
mORF_+_40137	40137	40184	+	3	48	TTG	TAA	0	0
mORF_+_40251	40251	40259	+	3	9	GTG	TGA	0	0
mORF_+_40256	40256	40276	+	2	21	TTG	TAG	0	0
mORF_+_40398	40398	40448	+	3	51	TTG	TAA	0	0
mORF_+_40406	40406	40420	+	2	15	TTG	TAA	0	0
mORF_+_40469	40469	40516	+	2	48	ATG	TGA	0	0
mORF_+_40513	40513	40575	+	1	63	TTG	TGA	0	0
mORF_+_40559	40559	40651	+	2	93	ATG	TAA	0	0
mORF_+_40572	40572	40664	+	3	93	TTG	TAA	0	0
mORF_+_40676	40676	40954	+	2	279	GTG	TAA	0	0
mORF_+_40725	40725	40751	+	3	27	GTG	TGA	0	0
mORF_+_40785	40785	40796	+	3	12	TTG	TGA	0	0
mORF_+_40857	40857	40949	+	3	93	TTG	TAG	0	0
mORF_+_40965	40965	41009	+	3	45	ATG	TAG	0	0
mORF_+_41012	41012	41026	+	2	15	ATG	TAG	0	0
mORF_+_41033	41033	41080	+	2	48	ATG	TAG	0	0
mORF_+_41084	41084	41143	+	2	60	ATG	TAA	0	0
mORF_+_41176	41176	41472	+	1	297	TTG	TGA	0	0
mORF_+_41198	41198	41347	+	2	150	ATG	TAG	0	0
mORF_+_41351	41351	41458	+	2	108	TTG	TAA	0	0
mORF_+_41409	41409	41654	+	3	246	GTG	TAA	0	0
mORF_+_41486	41486	41524	+	2	39	GTG	TAA	0	0
mORF_+_41509	41509	41565	+	1	57	GTG	TAA	0	0
mORF_+_41579	41579	41590	+	2	12	GTG	TAG	0	0
mORF_+_41669	41669	41797	+	2	129	GTG	TAA	0	0
mORF_+_41769	41769	41792	+	3	24	ATG	TGA	0	0
mORF_+_41861	41861	41938	+	2	78	ATG	TAA	0	0
mORF_+_41946	41946	42047	+	3	102	GTG	TAA	0	0
mORF_+_41965	41965	41994	+	1	30	TTG	TAA	0	0
mORF_+_42047	42047	42061	+	2	15	ATG	TAA	0	0
mORF_+_42072	42072	42134	+	3	63	GTG	TAA	0	0
mORF_+_42076	42076	42102	+	1	27	TTG	TGA	0	0
mORF_+_42127	42127	42165	+	1	39	TTG	TAA	0	0
mORF_+_42143	42143	42172	+	2	30	TTG	TAA	0	0
mORF_+_42156	42156	42161	+	3	6	TTG	TGA	0	0
mORF_+_42189	42189	42293	+	3	105	TTG	TGA	0	0
mORF_+_42224	42224	42334	+	2	111	TTG	TAA	0	0
mORF_+_42274	42274	42315	+	1	42	TTG	TAA	0	0

mORF_+_42340	42340	43173	+	1	834	GTG	TAA	0	0	
mORF_+_42398	42398	42406	+	2	9	ATG	TGA	0	0	
mORF_+_42417	42417	42425	+	3	9	TTG	TAA	0	0	
mORF_+_42426	42426	42437	+	3	12	GTG	TGA	0	0	
mORF_+_42437	42437	42478	+	2	42	ATG	TAG	0	0	
mORF_+_42494	42494	42505	+	2	12	ATG	TAA	0	0	
mORF_+_42527	42527	42547	+	2	21	TTG	TAA	0	0	
mORF_+_42537	42537	42596	+	3	60	TTG	TAA	0	0	
mORF_+_42584	42584	42604	+	2	21	GTG	TGA	0	0	
mORF_+_42626	42626	42655	+	2	30	ATG	TGA	0	0	
mORF_+_42656	42656	42664	+	2	9	TTG	TGA	0	0	
mORF_+_42665	42665	42748	+	2	84	TTG	TGA	0	0	
mORF_+_42755	42755	42859	+	2	105	GTG	TGA	0	0	
mORF_+_42878	42878	42913	+	2	36	TTG	TAA	0	0	
mORF_+_42932	42932	42979	+	2	48	TTG	TGA	0	0	
mORF_+_43017	43017	43043	+	3	27	ATG	TAA	0	0	
mORF_+_43034	43034	43111	+	2	78	TTG	TGA	0	0	
mORF_+_43112	43112	43273	+	2	162	TTG	TAA	0	0	
mORF_+_43183	43183	43191	+	1	9	ATG	TGA	0	0	
mORF_+_43188	43188	44129	+	3	942	ATG	TGA	0	0	
mORF_+_43255	43255	43269	+	1	15	GTG	TAG	0	0	
mORF_+_43288	43288	43353	+	1	66	TTG	TAA	0	0	
mORF_+_43393	43393	43557	+	1	165	GTG	TGA	0	0	
mORF_+_43573	43573	43623	+	1	51	GTG	TGA	0	0	
mORF_+_43645	43645	43851	+	1	207	ATG	TAG	0	0	
mORF_+_43694	43694	43948	+	2	255	GTG	TGA	0	0	
mORF_+_43852	43852	43935	+	1	84	GTG	TGA	0	0	
mORF_+_43993	43993	44091	+	1	99	TTG	TGA	0	0	
mORF_+_44126	44126	44167	+	2	42	TTG	TGA	0	0	
mORF_+_44152	44152	44199	+	1	48	TTG	TGA	0	0	
mORF_+_44180	44180	45466	+	2	1287	ATG	TGA	1	3	pORF_+_44180
mORF_+_44196	44196	44276	+	3	81	TTG	TAG	0	0	
mORF_+_44286	44286	44384	+	3	99	GTG	TAG	0	0	
mORF_+_44400	44400	44420	+	3	21	ATG	TGA	0	0	
mORF_+_44454	44454	44522	+	3	69	ATG	TGA	0	0	
mORF_+_44592	44592	44612	+	3	21	ATG	TAG	0	0	
mORF_+_44619	44619	44630	+	3	12	ATG	TGA	0	0	
mORF_+_44631	44631	44648	+	3	18	TTG	TGA	0	0	
mORF_+_44652	44652	44666	+	3	15	TTG	TGA	0	0	
mORF_+_44676	44676	44735	+	3	60	TTG	TGA	0	0	
mORF_+_44766	44766	44840	+	3	75	TTG	TGA	0	0	
mORF_+_44806	44806	44868	+	1	63	TTG	TGA	0	0	
mORF_+_44865	44865	44981	+	3	117	ATG	TGA	0	0	
mORF_+_44893	44893	44916	+	1	24	TTG	TGA	0	0	
mORF_+_45057	45057	45074	+	3	18	TTG	TGA	0	0	
mORF_+_45075	45075	45104	+	3	30	TTG	TGA	0	0	
mORF_+_45097	45097	45204	+	1	108	GTG	TAA	0	0	
mORF_+_45141	45141	45185	+	3	45	TTG	TGA	0	0	
mORF_+_45234	45234	45380	+	3	147	TTG	TGA	0	0	
mORF_+_45438	45438	45446	+	3	9	ATG	TGA	0	0	
mORF_+_45463	45463	45750	+	1	288	ATG	TGA	0	0	
mORF_+_45479	45479	45544	+	2	66	ATG	TGA	0	0	
mORF_+_45551	45551	45583	+	2	33	ATG	TGA	0	0	
mORF_+_45588	45588	45620	+	3	33	GTG	TGA	0	0	
mORF_+_45617	45617	45829	+	2	213	ATG	TGA	0	0	
mORF_+_45648	45648	45761	+	3	114	ATG	TGA	0	0	
mORF_+_45786	45786	47138	+	3	1353	TTG	TAA	0	0	
mORF_+_45826	45826	45912	+	1	87	TTG	TAA	0	0	
mORF_+_45869	45869	45964	+	2	96	GTG	TGA	0	0	
mORF_+_45916	45916	45939	+	1	24	TTG	TGA	0	0	
mORF_+_45970	45970	46092	+	1	123	TTG	TGA	0	0	
mORF_+_46111	46111	46140	+	1	30	TTG	TGA	0	0	
mORF_+_46159	46159	46197	+	1	39	TTG	TGA	0	0	

mORF_+_46246	46246	46362	+	1	117	TTG	TGA	0	0	
mORF_+_46256	46256	46306	+	2	51	GTG	TGA	0	0	
mORF_+_46369	46369	46425	+	1	57	TTG	TAA	0	0	
mORF_+_46430	46430	46480	+	2	51	GTG	TGA	0	0	
mORF_+_46456	46456	46575	+	1	120	TTG	TGA	0	0	
mORF_+_46600	46600	46656	+	1	57	TTG	TAG	0	0	
mORF_+_46660	46660	46668	+	1	9	ATG	TGA	0	0	
mORF_+_46709	46709	46864	+	2	156	GTG	TAA	0	0	
mORF_+_46744	46744	46761	+	1	18	TTG	TGA	0	0	
mORF_+_46828	46828	46929	+	1	102	TTG	TGA	0	0	
mORF_+_46871	46871	46885	+	2	15	GTG	TAA	0	0	
mORF_+_46948	46948	47019	+	1	72	TTG	TAA	0	0	
mORF_+_47041	47041	47052	+	1	12	TTG	TGA	0	0	
mORF_+_47065	47065	47112	+	1	48	TTG	TGA	0	0	
mORF_+_47140	47140	47178	+	1	39	TTG	TGA	0	0	
mORF_+_47175	47175	47201	+	3	27	TTG	TGA	0	0	
mORF_+_47198	47198	47230	+	2	33	ATG	TAA	0	0	
mORF_+_47209	47209	47298	+	1	90	TTG	TAA	0	0	
mORF_+_47211	47211	47249	+	3	39	GTG	TGA	0	0	
mORF_+_47246	47246	47776	+	2	531	ATG	TAG	1	2	pORF_+_47246
mORF_+_47262	47262	47420	+	3	159	ATG	TGA	0	0	
mORF_+_47443	47443	47484	+	1	42	GTG	TAA	0	0	
mORF_+_47514	47514	47558	+	3	45	ATG	TGA	0	0	
mORF_+_47548	47548	47586	+	1	39	GTG	TGA	0	0	
mORF_+_47583	47583	47657	+	3	75	TTG	TGA	0	0	
mORF_+_47673	47673	49631	+	3	1959	TTG	TAA	1	3	pORF_+_47673
mORF_+_47695	47695	47700	+	1	6	TTG	TGA	0	0	
mORF_+_47752	47752	47787	+	1	36	ATG	TGA	0	0	
mORF_+_47824	47824	47874	+	1	51	TTG	TGA	0	0	
mORF_+_47890	47890	47916	+	1	27	TTG	TGA	0	0	
mORF_+_47897	47897	48175	+	2	279	GTG	TGA	0	0	
mORF_+_47920	47920	47964	+	1	45	ATG	TGA	0	0	
mORF_+_48016	48016	48054	+	1	39	GTG	TGA	0	0	
mORF_+_48091	48091	48120	+	1	30	TTG	TGA	0	0	
mORF_+_48154	48154	48171	+	1	18	TTG	TGA	0	0	
mORF_+_48172	48172	48186	+	1	15	ATG	TGA	0	0	
mORF_+_48208	48208	48264	+	1	57	GTG	TGA	0	0	
mORF_+_48286	48286	48327	+	1	42	GTG	TAA	0	0	
mORF_+_48337	48337	48399	+	1	63	GTG	TAG	0	0	
mORF_+_48427	48427	48621	+	1	195	GTG	TAG	0	0	
mORF_+_48625	48625	48708	+	1	84	TTG	TGA	0	0	
mORF_+_48701	48701	48736	+	2	36	GTG	TAA	0	0	
mORF_+_48709	48709	48765	+	1	57	TTG	TAG	0	0	
mORF_+_48746	48746	48778	+	2	33	TTG	TGA	0	0	
mORF_+_48775	48775	48849	+	1	75	GTG	TGA	0	0	
mORF_+_48833	48833	48913	+	2	81	GTG	TGA	0	0	
mORF_+_48910	48910	48975	+	1	66	TTG	TGA	0	0	
mORF_+_48997	48997	49038	+	1	42	TTG	TGA	0	0	
mORF_+_49090	49090	49098	+	1	9	TTG	TGA	0	0	
mORF_+_49108	49108	49170	+	1	63	ATG	TGA	0	0	
mORF_+_49249	49249	49338	+	1	90	TTG	TGA	0	0	
mORF_+_49381	49381	49506	+	1	126	ATG	TAA	0	0	
mORF_+_49507	49507	49545	+	1	39	GTG	TAA	0	0	
mORF_+_49555	49555	49641	+	1	87	ATG	TGA	0	0	
mORF_+_49638	49638	49646	+	3	9	GTG	TAA	0	0	
mORF_+_49669	49669	49734	+	1	66	TTG	TAA	0	0	
mORF_+_49683	49683	49688	+	3	6	TTG	TAA	0	0	
mORF_+_49688	49688	50302	+	2	615	ATG	TAA	7	27	pORF_+_49688
mORF_+_49791	49791	49826	+	3	36	GTG	TGA	0	0	
mORF_+_49836	49836	49847	+	3	12	TTG	TAG	0	0	
mORF_+_49885	49885	49917	+	1	33	GTG	TAA	0	0	
mORF_+_50041	50041	50061	+	1	21	GTG	TGA	0	0	
mORF_+_50058	50058	50102	+	3	45	ATG	TGA	0	0	

mORF+_50074	50074	50082	+	1	9	GTG	TGA	0	0
mORF+_50103	50103	50159	+	3	57	TTG	TGA	0	0
mORF+_50214	50214	50312	+	3	99	ATG	TAG	0	0
mORF+_50275	50275	50283	+	1	9	TTG	TGA	0	0
mORF+_50305	50305	50325	+	1	21	TTG	TAG	0	0
mORF+_50332	50332	50466	+	1	135	ATG	TAA	0	0
mORF+_50376	50376	50684	+	3	309	GTG	TAA	0	0
mORF+_50522	50522	50545	+	2	24	TTG	TGA	0	0
mORF+_50542	50542	50733	+	1	192	GTG	TGA	0	0
mORF+_50555	50555	50653	+	2	99	ATG	TGA	0	0
mORF+_50690	50690	50782	+	2	93	TTG	TAG	0	0
mORF+_50730	50730	50855	+	3	126	GTG	TGA	0	0
mORF+_50825	50825	51028	+	2	204	TTG	TGA	0	0
mORF+_50863	50863	51060	+	1	198	GTG	TAA	0	0
mORF+_50961	50961	50993	+	3	33	GTG	TGA	0	0
mORF+_51029	51029	51073	+	2	45	TTG	TAG	0	0
mORF+_51160	51160	51546	+	1	387	ATG	TGA	0	0
mORF+_51168	51168	51209	+	3	42	ATG	TAA	0	0
mORF+_51213	51213	51239	+	3	27	ATG	TGA	0	0
mORF+_51236	51236	51313	+	2	78	ATG	TAG	0	0
mORF+_51240	51240	51281	+	3	42	GTG	TGA	0	0
mORF+_51323	51323	51463	+	2	141	ATG	TAA	0	0
mORF+_51348	51348	51389	+	3	42	TTG	TAA	0	0
mORF+_51390	51390	51452	+	3	63	GTG	TGA	0	0
mORF+_51497	51497	51517	+	2	21	TTG	TAA	0	0
mORF+_51543	51543	51602	+	3	60	GTG	TGA	0	0
mORF+_51550	51550	51612	+	1	63	TTG	TAA	0	0
mORF+_51560	51560	51565	+	2	6	ATG	TAG	0	0
mORF+_51599	51599	51733	+	2	135	TTG	TAA	0	0
mORF+_51663	51663	51719	+	3	57	TTG	TAA	0	0
mORF+_51739	51739	51828	+	1	90	TTG	TGA	0	0
mORF+_51825	51825	51896	+	3	72	GTG	TGA	0	0
mORF+_51836	51836	51889	+	2	54	TTG	TAA	0	0
mORF+_51874	51874	51933	+	1	60	TTG	TAG	0	0
mORF+_51936	51936	51953	+	3	18	TTG	TAA	0	0
mORF+_51943	51943	52047	+	1	105	ATG	TAG	0	0
mORF+_52008	52008	52190	+	3	183	TTG	TAA	0	0
mORF+_52072	52072	52086	+	1	15	GTG	TAA	0	0
mORF+_52093	52093	52116	+	1	24	TTG	TGA	0	0
mORF+_52193	52193	52240	+	2	48	ATG	TGA	0	0
mORF+_52197	52197	52403	+	3	207	ATG	TAA	0	0
mORF+_52237	52237	52365	+	1	129	ATG	TGA	0	0
mORF+_52280	52280	52333	+	2	54	ATG	TAA	0	0
mORF+_52369	52369	52440	+	1	72	TTG	TAA	0	0
mORF+_52404	52404	52616	+	3	213	GTG	TGA	0	0
mORF+_52430	52430	52537	+	2	108	TTG	TGA	0	0
mORF+_52537	52537	52548	+	1	12	ATG	TAA	0	0
mORF+_52619	52619	52918	+	2	300	GTG	TAA	0	0
mORF+_52695	52695	52769	+	3	75	TTG	TGA	0	0
mORF+_52809	52809	52850	+	3	42	ATG	TGA	0	0
mORF+_52879	52879	52890	+	1	12	GTG	TGA	0	0
mORF+_52887	52887	53012	+	3	126	GTG	TGA	0	0
mORF+_52919	52919	53152	+	2	234	ATG	TAA	0	0
mORF+_52927	52927	53019	+	1	93	TTG	TAA	0	0
mORF+_53025	53025	53132	+	3	108	ATG	TAA	0	0
mORF+_53163	53163	53243	+	3	81	GTG	TAA	0	0
mORF+_53170	53170	53256	+	1	87	GTG	TGA	0	0
mORF+_53213	53213	53356	+	2	144	TTG	TAA	0	0
mORF+_53253	53253	53435	+	3	183	GTG	TAA	0	0
mORF+_53338	53338	53391	+	1	54	GTG	TGA	0	0
mORF+_53402	53402	53419	+	2	18	TTG	TAG	0	0
mORF+_53420	53420	53440	+	2	21	TTG	TAG	0	0
mORF+_53452	53452	53574	+	1	123	TTG	TAA	0	0

mORF_+_53469	53469	53672	+	3	204	TTG	TAG	0	0
mORF_+_53504	53504	53596	+	2	93	ATG	TGA	0	0
mORF_+_53575	53575	53589	+	1	15	ATG	TGA	0	0
mORF_+_53593	53593	53964	+	1	372	GTG	TAA	0	0
mORF_+_53618	53618	53716	+	2	99	TTG	TGA	0	0
mORF_+_53759	53759	53848	+	2	90	TTG	TGA	0	0
mORF_+_53870	53870	53995	+	2	126	TTG	TGA	0	0
mORF_+_53964	53964	54254	+	3	291	ATG	TGA	0	0
mORF_+_54046	54046	54570	+	1	525	ATG	TAA	0	0
mORF_+_54098	54098	54133	+	2	36	ATG	TGA	0	0
mORF_+_54167	54167	54322	+	2	156	ATG	TAG	0	0
mORF_+_54323	54323	54331	+	2	9	GTG	TAG	0	0
mORF_+_54377	54377	54412	+	2	36	ATG	TGA	0	0
mORF_+_54464	54464	54472	+	2	9	ATG	TGA	0	0
mORF_+_54476	54476	54541	+	2	66	ATG	TGA	0	0
mORF_+_54534	54534	54608	+	3	75	TTG	TGA	0	0
mORF_+_54605	54605	54745	+	2	141	TTG	TAA	0	0
mORF_+_54739	54739	54849	+	1	111	GTG	TAA	0	0
mORF_+_54762	54762	54770	+	3	9	GTG	TGA	0	0
mORF_+_54767	54767	54961	+	2	195	TTG	TAA	0	0
mORF_+_54780	54780	54818	+	3	39	ATG	TAG	0	0
mORF_+_54819	54819	54917	+	3	99	TTG	TAA	0	0
mORF_+_54856	54856	54966	+	1	111	TTG	TAG	0	0
mORF_+_54974	54974	55297	+	2	324	TTG	TGA	0	0
mORF_+_54978	54978	54998	+	3	21	TTG	TAG	0	0
mORF_+_55014	55014	55097	+	3	84	ATG	TAG	0	0
mORF_+_55033	55033	55104	+	1	72	TTG	TAG	0	0
mORF_+_55185	55185	55232	+	3	48	ATG	TGA	0	0
mORF_+_55219	55219	55356	+	1	138	GTG	TGA	0	0
mORF_+_55305	55305	55361	+	3	57	TTG	TAG	0	0
mORF_+_55367	55367	55930	+	2	564	TTG	TAA	0	0
mORF_+_55413	55413	55475	+	3	63	ATG	TAA	0	0
mORF_+_55420	55420	55425	+	1	6	ATG	TGA	0	0
mORF_+_55536	55536	55547	+	3	12	ATG	TGA	0	0
mORF_+_55641	55641	55736	+	3	96	TTG	TGA	0	0
mORF_+_55744	55744	55770	+	1	27	TTG	TGA	0	0
mORF_+_55767	55767	55820	+	3	54	TTG	TGA	0	0
mORF_+_55828	55828	55857	+	1	30	TTG	TAA	0	0
mORF_+_55839	55839	55880	+	3	42	ATG	TAA	0	0
mORF_+_55956	55956	56024	+	3	69	GTG	TAG	0	0
mORF_+_55990	55990	56007	+	1	18	TTG	TGA	0	0
mORF_+_56012	56012	56176	+	2	165	TTG	TAA	0	0
mORF_+_56044	56044	56091	+	1	48	TTG	TGA	0	0
mORF_+_56073	56073	56096	+	3	24	TTG	TAG	0	0
mORF_+_56112	56112	56120	+	3	9	TTG	TAG	0	0
mORF_+_56127	56127	56144	+	3	18	TTG	TGA	0	0
mORF_+_56148	56148	56171	+	3	24	ATG	TAG	0	0
mORF_+_56185	56185	56301	+	1	117	GTG	TGA	0	0
mORF_+_56204	56204	56230	+	2	27	GTG	TGA	0	0
mORF_+_56298	56298	56324	+	3	27	ATG	TAA	0	0
mORF_+_56315	56315	56962	+	2	648	ATG	TAA	0	0
mORF_+_56331	56331	56369	+	3	39	GTG	TAA	0	0
mORF_+_56350	56350	56502	+	1	153	TTG	TAA	0	0
mORF_+_56394	56394	56468	+	3	75	TTG	TAG	0	0
mORF_+_56574	56574	56627	+	3	54	GTG	TAG	0	0
mORF_+_56709	56709	56777	+	3	69	TTG	TAA	0	0
mORF_+_56827	56827	56886	+	1	60	GTG	TGA	0	0
mORF_+_56883	56883	56924	+	3	42	ATG	TAG	0	0
mORF_+_56946	56946	56999	+	3	54	TTG	TAG	0	0
mORF_+_57001	57001	57192	+	1	192	TTG	TAG	0	0
mORF_+_57015	57015	57053	+	3	39	ATG	TGA	0	0
mORF_+_57050	57050	57139	+	2	90	TTG	TAA	0	0
mORF_+_57066	57066	57116	+	3	51	GTG	TGA	0	0

mORF_+_57192	57192	57212	+	3	21	GTG	TAG	0	0	
mORF_+_57218	57218	57331	+	2	114	GTG	TAG	0	0	
mORF_+_57240	57240	57305	+	3	66	ATG	TAA	0	0	
mORF_+_57271	57271	57285	+	1	15	ATG	TGA	0	0	
mORF_+_57319	57319	58179	+	1	861	TTG	TGA	1	2	pORF_+_57319
mORF_+_57321	57321	57464	+	3	144	GTG	TGA	0	0	
mORF_+_57353	57353	57409	+	2	57	TTG	TGA	0	0	
mORF_+_57449	57449	57547	+	2	99	TTG	TGA	0	0	
mORF_+_57489	57489	57509	+	3	21	GTG	TGA	0	0	
mORF_+_57632	57632	57748	+	2	117	ATG	TAA	0	0	
mORF_+_57785	57785	57847	+	2	63	TTG	TAG	0	0	
mORF_+_57866	57866	57886	+	2	21	TTG	TGA	0	0	
mORF_+_57896	57896	58000	+	2	105	GTG	TGA	0	0	
mORF_+_58010	58010	58048	+	2	39	ATG	TGA	0	0	
mORF_+_58052	58052	58102	+	2	51	GTG	TGA	0	0	
mORF_+_58145	58145	58153	+	2	9	ATG	TGA	0	0	
mORF_+_58176	58176	58187	+	3	12	ATG	TAA	0	0	
mORF_+_58188	58188	58334	+	3	147	ATG	TAA	0	0	
mORF_+_58265	58265	58309	+	2	45	ATG	TAG	0	0	
mORF_+_58321	58321	58404	+	1	84	TTG	TGA	0	0	
mORF_+_58337	58337	58453	+	2	117	TTG	TAA	0	0	
mORF_+_58401	58401	58415	+	3	15	ATG	TGA	0	0	
mORF_+_58458	58458	58538	+	3	81	ATG	TAA	0	0	
mORF_+_58474	58474	59124	+	1	651	ATG	TGA	0	0	
mORF_+_58590	58590	58625	+	3	36	GTG	TAA	0	0	
mORF_+_58721	58721	58852	+	2	132	ATG	TAA	0	0	
mORF_+_58773	58773	58793	+	3	21	ATG	TGA	0	0	
mORF_+_58853	58853	58969	+	2	117	GTG	TGA	0	0	
mORF_+_58884	58884	58910	+	3	27	ATG	TAA	0	0	
mORF_+_58974	58974	58988	+	3	15	TTG	TAA	0	0	
mORF_+_58982	58982	58999	+	2	18	TTG	TGA	0	0	
mORF_+_59009	59009	59089	+	2	81	ATG	TAA	0	0	
mORF_+_59034	59034	59045	+	3	12	GTG	TAA	0	0	
mORF_+_59121	59121	59279	+	3	159	GTG	TAA	0	0	
mORF_+_59128	59128	59154	+	1	27	GTG	TAA	0	0	
mORF_+_59185	59185	59238	+	1	54	TTG	TGA	0	0	
mORF_+_59266	59266	59334	+	1	69	ATG	TGA	0	0	
mORF_+_59331	59331	59360	+	3	30	ATG	TGA	0	0	
mORF_+_59357	59357	59368	+	2	12	ATG	TAG	0	0	
mORF_+_59380	59380	59442	+	1	63	GTG	TAA	0	0	
mORF_+_59417	59417	59446	+	2	30	ATG	TAG	0	0	
mORF_+_59450	59450	59476	+	2	27	ATG	TAA	0	0	
mORF_+_59490	59490	59594	+	3	105	ATG	TGA	0	0	
mORF_+_59515	59515	59577	+	1	63	GTG	TAG	0	0	
mORF_+_59602	59602	59664	+	1	63	TTG	TGA	0	0	
mORF_+_59661	59661	59672	+	3	12	ATG	TAA	0	0	
mORF_+_59721	59721	59807	+	3	87	TTG	TAA	0	0	
mORF_+_59735	59735	59764	+	2	30	ATG	TAG	0	0	
mORF_+_59773	59773	59877	+	1	105	GTG	TAA	0	0	
mORF_+_59828	59828	59887	+	2	60	ATG	TAA	0	0	
mORF_+_59896	59896	60150	+	1	255	TTG	TAG	0	0	
mORF_+_59901	59901	59963	+	3	63	GTG	TAA	0	0	
mORF_+_60038	60038	60100	+	2	63	ATG	TAA	0	0	
mORF_+_60117	60117	60188	+	3	72	TTG	TAA	0	0	
mORF_+_60164	60164	60247	+	2	84	ATG	TGA	0	0	
mORF_+_60198	60198	60293	+	3	96	ATG	TGA	0	0	
mORF_+_60281	60281	60364	+	2	84	ATG	TGA	0	0	
mORF_+_60322	60322	60855	+	1	534	GTG	TAA	0	0	
mORF_+_60327	60327	60332	+	3	6	TTG	TAG	0	0	
mORF_+_60440	60440	60601	+	2	162	TTG	TGA	0	0	
mORF_+_60561	60561	60608	+	3	48	ATG	TAG	0	0	
mORF_+_60641	60641	60655	+	2	15	TTG	TGA	0	0	
mORF_+_60713	60713	60808	+	2	96	TTG	TAA	0	0	

mORF_+_60753	60753	60770	+	3	18	GTG	TGA	0	0	
mORF_+_60845	60845	61033	+	2	189	TTG	TGA	0	0	
mORF_+_60858	60858	60935	+	3	78	GTG	TAA	0	0	
mORF_+_60922	60922	61299	+	1	378	ATG	TGA	0	0	
mORF_+_60942	60942	60983	+	3	42	GTG	TGA	0	0	
mORF_+_61055	61055	61078	+	2	24	ATG	TGA	0	0	
mORF_+_61079	61079	61291	+	2	213	TTG	TGA	0	0	
mORF_+_61161	61161	61265	+	3	105	GTG	TGA	0	0	
mORF_+_61296	61296	61313	+	3	18	GTG	TAA	0	0	
mORF_+_61322	61322	61339	+	2	18	TTG	TAA	0	0	
mORF_+_61343	61343	61390	+	2	48	GTG	TGA	0	0	
mORF_+_61363	61363	61500	+	1	138	GTG	TAG	0	0	
mORF_+_61371	61371	61511	+	3	141	ATG	TGA	0	0	
mORF_+_61508	61508	61756	+	2	249	TTG	TGA	0	0	
mORF_+_61512	61512	61646	+	3	135	ATG	TAA	0	0	
mORF_+_61534	61534	61578	+	1	45	GTG	TGA	0	0	
mORF_+_61660	61660	61947	+	1	288	GTG	TAG	0	0	
mORF_+_61817	61817	61843	+	2	27	GTG	TGA	0	0	
mORF_+_61896	61896	61907	+	3	12	GTG	TAA	0	0	
mORF_+_61907	61907	61933	+	2	27	ATG	TGA	0	0	
mORF_+_61958	61958	62065	+	2	108	ATG	TGA	0	0	
mORF_+_61963	61963	62580	+	1	618	GTG	TAG	1	8	pORF_+_61963
mORF_+_62097	62097	62597	+	3	501	TTG	TGA	0	0	
mORF_+_62150	62150	62221	+	2	72	ATG	TAA	0	0	
mORF_+_62369	62369	62377	+	2	9	ATG	TGA	0	0	
mORF_+_62477	62477	62539	+	2	63	TTG	TAA	0	0	
mORF_+_62594	62594	62626	+	2	33	TTG	TGA	0	0	
mORF_+_62626	62626	62634	+	1	9	ATG	TAA	0	0	
mORF_+_62683	62683	62724	+	1	42	TTG	TAA	0	0	
mORF_+_62711	62711	62779	+	2	69	ATG	TGA	0	0	
mORF_+_62758	62758	63171	+	1	414	GTG	TAA	0	0	
mORF_+_62783	62783	62794	+	2	12	ATG	TGA	0	0	
mORF_+_62936	62936	63019	+	2	84	TTG	TAG	0	0	
mORF_+_63083	63083	63247	+	2	165	ATG	TGA	0	0	
mORF_+_63132	63132	63158	+	3	27	GTG	TAG	0	0	
mORF_+_63159	63159	63176	+	3	18	ATG	TGA	0	0	
mORF_+_63244	63244	63288	+	1	45	TTG	TAA	0	0	
mORF_+_63252	63252	63257	+	3	6	GTG	TAA	0	0	
mORF_+_63267	63267	63323	+	3	57	GTG	TGA	0	0	
mORF_+_63289	63289	63528	+	1	240	TTG	TAG	0	0	
mORF_+_63314	63314	63328	+	2	15	GTG	TAG	0	0	
mORF_+_63350	63350	63457	+	2	108	ATG	TAA	0	0	
mORF_+_63444	63444	63512	+	3	69	TTG	TAG	0	0	
mORF_+_63458	63458	63463	+	2	6	GTG	TAG	0	0	
mORF_+_63528	63528	63548	+	3	21	GTG	TGA	0	0	
mORF_+_63542	63542	63598	+	2	57	GTG	TAA	0	0	
mORF_+_63552	63552	63827	+	3	276	TTG	TAG	0	0	
mORF_+_63577	63577	63615	+	1	39	TTG	TGA	0	0	
mORF_+_63766	63766	63795	+	1	30	TTG	TGA	0	0	
mORF_+_63797	63797	63889	+	2	93	ATG	TAA	0	0	
mORF_+_63805	63805	63837	+	1	33	TTG	TGA	0	0	
mORF_+_63865	63865	63918	+	1	54	GTG	TGA	0	0	
mORF_+_63964	63964	64155	+	1	192	ATG	TAG	0	0	
mORF_+_63968	63968	64063	+	2	96	TTG	TAA	0	0	
mORF_+_63990	63990	64013	+	3	24	ATG	TAA	0	0	
mORF_+_64029	64029	64139	+	3	111	TTG	TGA	0	0	
mORF_+_64076	64076	64159	+	2	84	GTG	TAA	0	0	
mORF_+_64172	64172	64204	+	2	33	GTG	TGA	0	0	
mORF_+_64189	64189	64209	+	1	21	TTG	TGA	0	0	
mORF_+_64194	64194	64541	+	3	348	TTG	TGA	0	0	
mORF_+_64219	64219	64284	+	1	66	ATG	TAA	0	0	
mORF_+_64232	64232	64297	+	2	66	ATG	TGA	0	0	
mORF_+_64294	64294	64524	+	1	231	ATG	TAG	0	0	

mORF_+_64559	64559	64615	+	2	57	GTG	TAG	0	0
mORF_+_64590	64590	64727	+	3	138	GTG	TAA	0	0
mORF_+_64664	64664	64738	+	2	75	ATG	TGA	0	0
mORF_+_64735	64735	64791	+	1	57	ATG	TAA	0	0
mORF_+_64749	64749	64880	+	3	132	GTG	TAA	0	0
mORF_+_64793	64793	64864	+	2	72	TTG	TAG	0	0
mORF_+_64910	64910	64960	+	2	51	ATG	TAA	0	0
mORF_+_65007	65007	65417	+	3	411	GTG	TGA	0	0
mORF_+_65119	65119	65139	+	1	21	ATG	TAG	0	0
mORF_+_65140	65140	65247	+	1	108	TTG	TAA	0	0
mORF_+_65251	65251	65346	+	1	96	ATG	TAG	0	0
mORF_+_65380	65380	65442	+	1	63	GTG	TAG	0	0
mORF_+_65414	65414	65422	+	2	9	GTG	TGA	0	0
mORF_+_65517	65517	65573	+	3	57	TTG	TAA	0	0
mORF_+_65582	65582	65650	+	2	69	GTG	TAA	0	0
mORF_+_65598	65598	65759	+	3	162	TTG	TAA	0	0
mORF_+_65669	65669	65680	+	2	12	GTG	TAA	0	0
mORF_+_65695	65695	66108	+	1	414	TTG	TGA	0	0
mORF_+_65807	65807	65932	+	2	126	TTG	TAA	0	0
mORF_+_65832	65832	65867	+	3	36	TTG	TAA	0	0
mORF_+_65988	65988	66185	+	3	198	ATG	TAG	0	0
mORF_+_65996	65996	66523	+	2	528	ATG	TAA	0	0
mORF_+_66201	66201	66227	+	3	27	GTG	TGA	0	0
mORF_+_66211	66211	66375	+	1	165	TTG	TAA	0	0
mORF_+_66243	66243	66299	+	3	57	ATG	TGA	0	0
mORF_+_66321	66321	66410	+	3	90	GTG	TAA	0	0
mORF_+_66426	66426	66647	+	3	222	TTG	TGA	0	0
mORF_+_66475	66475	66480	+	1	6	ATG	TGA	0	0
mORF_+_66499	66499	66537	+	1	39	TTG	TGA	0	0
mORF_+_66563	66563	66610	+	2	48	GTG	TAG	0	0
mORF_+_66577	66577	66732	+	1	156	TTG	TGA	0	0
mORF_+_66644	66644	66838	+	2	195	TTG	TAG	0	0
mORF_+_66648	66648	66695	+	3	48	ATG	TAG	0	0
mORF_+_66729	66729	66884	+	3	156	TTG	TAA	0	0
mORF_+_66733	66733	66780	+	1	48	ATG	TAG	0	0
mORF_+_66897	66897	66920	+	3	24	GTG	TGA	0	0
mORF_+_66899	66899	67132	+	2	234	GTG	TAA	0	0
mORF_+_66931	66931	67125	+	1	195	GTG	TAG	0	0
mORF_+_66969	66969	66980	+	3	12	GTG	TGA	0	0
mORF_+_67029	67029	67118	+	3	90	TTG	TAA	0	0
mORF_+_67177	67177	67374	+	1	198	TTG	TGA	0	0
mORF_+_67184	67184	67234	+	2	51	TTG	TGA	0	0
mORF_+_67331	67331	67336	+	2	6	GTG	TAG	0	0
mORF_+_67352	67352	67438	+	2	87	GTG	TAA	0	0
mORF_+_67371	67371	67388	+	3	18	TTG	TGA	0	0
mORF_+_67489	67489	68646	+	1	1158	GTG	TAA	0	0
mORF_+_67505	67505	67630	+	2	126	GTG	TAG	0	0
mORF_+_67608	67608	67661	+	3	54	GTG	TAA	0	0
mORF_+_67676	67676	67816	+	2	141	ATG	TGA	0	0
mORF_+_67743	67743	67769	+	3	27	GTG	TGA	0	0
mORF_+_67931	67931	68134	+	2	204	ATG	TAA	0	0
mORF_+_67956	67956	67979	+	3	24	GTG	TAA	0	0
mORF_+_68156	68156	68263	+	2	108	GTG	TGA	0	0
mORF_+_68300	68300	68320	+	2	21	ATG	TAA	0	0
mORF_+_68342	68342	68353	+	2	12	GTG	TAG	0	0
mORF_+_68402	68402	68524	+	2	123	GTG	TGA	0	0
mORF_+_68529	68529	68708	+	3	180	ATG	TGA	0	0
mORF_+_68537	68537	69295	+	2	759	GTG	TAA	0	0
mORF_+_68677	68677	68694	+	1	18	GTG	TAA	0	0
mORF_+_68724	68724	68882	+	3	159	ATG	TGA	0	0
mORF_+_68728	68728	68790	+	1	63	TTG	TAG	0	0
mORF_+_68839	68839	68856	+	1	18	GTG	TAA	0	0
mORF_+_68898	68898	69026	+	3	129	TTG	TAG	0	0

mORF_+_68905	68905	68949	+	1	45	ATG	TGA	0	0	
mORF_+_69135	69135	69599	+	3	465	TTG	TAA	0	0	
mORF_+_69184	69184	69192	+	1	9	GTG	TAG	0	0	
mORF_+_69196	69196	69333	+	1	138	GTG	TGA	0	0	
mORF_+_69350	69350	69871	+	2	522	ATG	TGA	0	0	
mORF_+_69523	69523	69657	+	1	135	ATG	TAA	0	0	
mORF_+_69609	69609	69614	+	3	6	ATG	TAG	0	0	
mORF_+_69630	69630	69881	+	3	252	TTG	TAG	1	2	pORF_+_69630
mORF_+_69769	69769	69834	+	1	66	GTG	TAA	0	0	
mORF_+_69856	69856	69984	+	1	129	GTG	TAG	0	0	
mORF_+_69890	69890	70090	+	2	201	ATG	TAG	0	0	
mORF_+_69963	69963	70103	+	3	141	GTG	TAA	0	0	
mORF_+_70036	70036	70155	+	1	120	TTG	TAG	0	0	
mORF_+_70142	70142	70165	+	2	24	ATG	TGA	0	0	
mORF_+_70162	70162	70179	+	1	18	GTG	TAA	0	0	
mORF_+_70170	70170	70295	+	3	126	GTG	TAG	0	0	
mORF_+_70183	70183	70203	+	1	21	ATG	TGA	0	0	
mORF_+_70216	70216	70311	+	1	96	TTG	TAA	0	0	
mORF_+_70229	70229	70270	+	2	42	TTG	TAA	0	0	
mORF_+_70320	70320	70394	+	3	75	GTG	TGA	0	0	
mORF_+_70336	70336	71265	+	1	930	ATG	TAA	2	9	pORF_+_70336
mORF_+_70343	70343	70366	+	2	24	ATG	TGA	0	0	
mORF_+_70367	70367	70381	+	2	15	ATG	TGA	0	0	
mORF_+_70403	70403	70456	+	2	54	ATG	TAA	0	0	
mORF_+_70463	70463	70513	+	2	51	TTG	TGA	0	0	
mORF_+_70577	70577	70846	+	2	270	TTG	TAA	0	0	
mORF_+_70656	70656	70703	+	3	48	ATG	TGA	0	0	
mORF_+_70704	70704	70712	+	3	9	ATG	TAA	0	0	
mORF_+_70853	70853	71044	+	2	192	TTG	TAG	0	0	
mORF_+_70932	70932	70973	+	3	42	TTG	TGA	0	0	
mORF_+_70998	70998	71051	+	3	54	TTG	TAG	0	0	
mORF_+_71141	71141	71239	+	2	99	ATG	TGA	0	0	
mORF_+_71187	71187	71228	+	3	42	ATG	TGA	0	0	
mORF_+_71240	71240	71248	+	2	9	ATG	TAG	0	0	
mORF_+_71266	71266	71304	+	1	39	TTG	TAG	0	0	
mORF_+_71285	71285	71296	+	2	12	TTG	TGA	0	0	
mORF_+_71313	71313	71402	+	3	90	TTG	TGA	0	0	
mORF_+_71351	71351	72115	+	2	765	ATG	TAG	0	0	
mORF_+_71496	71496	71513	+	3	18	TTG	TAA	0	0	
mORF_+_71544	71544	71555	+	3	12	TTG	TGA	0	0	
mORF_+_71584	71584	71595	+	1	12	TTG	TAA	0	0	
mORF_+_71643	71643	71975	+	3	333	TTG	TGA	0	0	
mORF_+_71800	71800	71877	+	1	78	GTG	TGA	0	0	
mORF_+_71884	71884	71958	+	1	75	ATG	TAA	0	0	
mORF_+_72004	72004	72099	+	1	96	GTG	TAA	0	0	
mORF_+_72105	72105	72122	+	3	18	TTG	TAG	0	0	
mORF_+_72125	72125	72190	+	2	66	TTG	TAG	0	0	
mORF_+_72127	72127	72141	+	1	15	GTG	TGA	0	0	
mORF_+_72141	72141	72239	+	3	99	ATG	TAA	0	0	
mORF_+_72249	72249	72593	+	3	345	GTG	TAG	0	0	
mORF_+_72284	72284	72433	+	2	150	TTG	TGA	0	0	
mORF_+_72364	72364	72381	+	1	18	GTG	TAG	0	0	
mORF_+_72391	72391	72438	+	1	48	TTG	TAA	0	0	
mORF_+_72595	72595	72642	+	1	48	GTG	TAG	0	0	
mORF_+_72653	72653	72697	+	2	45	ATG	TGA	0	0	
mORF_+_72660	72660	72680	+	3	21	GTG	TGA	0	0	
mORF_+_72673	72673	72723	+	1	51	GTG	TGA	0	0	
mORF_+_72720	72720	72734	+	3	15	GTG	TAG	0	0	
mORF_+_72735	72735	72758	+	3	24	TTG	TAG	0	0	
mORF_+_72737	72737	72742	+	2	6	GTG	TGA	0	0	
mORF_+_72739	72739	72870	+	1	132	GTG	TAA	0	0	
mORF_+_72828	72828	72875	+	3	48	TTG	TAA	0	0	
mORF_+_72889	72889	72924	+	1	36	ATG	TAA	0	0	

mORF_+_72905	72905	72940	+	2	36	GTG	TAG	0	0
mORF_+_72993	72993	73019	+	3	27	GTG	TAG	0	0
mORF_+_73028	73028	73174	+	2	147	TTG	TAA	0	0
mORF_+_73053	73053	73205	+	3	153	GTG	TGA	0	0
mORF_+_73114	73114	73230	+	1	117	ATG	TGA	0	0
mORF_+_73212	73212	73220	+	3	9	ATG	TAG	0	0
mORF_+_73227	73227	73268	+	3	42	GTG	TAA	0	0
mORF_+_73287	73287	73418	+	3	132	TTG	TGA	0	0
mORF_+_73316	73316	73348	+	2	33	TTG	TAA	0	0
mORF_+_73318	73318	73332	+	1	15	GTG	TAG	0	0
mORF_+_73473	73473	73739	+	3	267	ATG	TGA	0	0
mORF_+_73550	73550	73606	+	2	57	TTG	TAA	0	0
mORF_+_73552	73552	73848	+	1	297	GTG	TAG	0	0
mORF_+_73664	73664	73879	+	2	216	ATG	TAG	0	0
mORF_+_73848	73848	74012	+	3	165	GTG	TGA	0	0
mORF_+_73937	73937	73948	+	2	12	TTG	TAA	0	0
mORF_+_73976	73976	74050	+	2	75	ATG	TAA	0	0
mORF_+_74028	74028	74114	+	3	87	ATG	TAG	0	0
mORF_+_74038	74038	74076	+	1	39	GTG	TAA	0	0
mORF_+_74084	74084	74485	+	2	402	ATG	TAA	0	0
mORF_+_74152	74152	74187	+	1	36	GTG	TAA	0	0
mORF_+_74190	74190	74279	+	3	90	ATG	TAG	0	0
mORF_+_74230	74230	74310	+	1	81	TTG	TGA	0	0
mORF_+_74307	74307	74372	+	3	66	ATG	TAG	0	0
mORF_+_74320	74320	74868	+	1	549	GTG	TAA	0	0
mORF_+_74460	74460	74507	+	3	48	GTG	TGA	0	0
mORF_+_74532	74532	74567	+	3	36	ATG	TGA	0	0
mORF_+_74564	74564	74761	+	2	198	GTG	TAG	0	0
mORF_+_74580	74580	74621	+	3	42	TTG	TGA	0	0
mORF_+_74625	74625	74687	+	3	63	TTG	TAA	0	0
mORF_+_74813	74813	74818	+	2	6	ATG	TGA	0	0
mORF_+_74831	74831	74839	+	2	9	GTG	TAA	0	0
mORF_+_74897	74897	74959	+	2	63	TTG	TAG	0	0
mORF_+_74938	74938	74976	+	1	39	TTG	TAG	0	0
mORF_+_74940	74940	75164	+	3	225	GTG	TAA	0	0
mORF_+_75002	75002	75016	+	2	15	GTG	TGA	0	0
mORF_+_75034	75034	75222	+	1	189	TTG	TAA	0	0
mORF_+_75083	75083	75097	+	2	15	TTG	TAA	0	0
mORF_+_75134	75134	75403	+	2	270	GTG	TAG	0	0
mORF_+_75443	75443	75514	+	2	72	GTG	TGA	0	0
mORF_+_75499	75499	75621	+	1	123	GTG	TAG	0	0
mORF_+_75590	75590	75604	+	2	15	GTG	TGA	0	0
mORF_+_75621	75621	75734	+	3	114	GTG	TGA	0	0
mORF_+_75646	75646	75678	+	1	33	ATG	TAA	0	0
mORF_+_75725	75725	75757	+	2	33	TTG	TAA	0	0
mORF_+_75735	75735	75977	+	3	243	ATG	TGA	0	0
mORF_+_75757	75757	75924	+	1	168	ATG	TAA	0	0
mORF_+_75785	75785	75871	+	2	87	TTG	TAG	0	0
mORF_+_75890	75890	75940	+	2	51	ATG	TAG	0	0
mORF_+_75968	75968	76084	+	2	117	ATG	TAG	0	0
mORF_+_75993	75993	76016	+	3	24	TTG	TGA	0	0
mORF_+_76018	76018	76038	+	1	21	TTG	TGA	0	0
mORF_+_76035	76035	76067	+	3	33	ATG	TGA	0	0
mORF_+_76086	76086	76160	+	3	75	GTG	TAA	0	0
mORF_+_76133	76133	76288	+	2	156	ATG	TAA	0	0
mORF_+_76213	76213	76245	+	1	33	TTG	TGA	0	0
mORF_+_76269	76269	76292	+	3	24	GTG	TAG	0	0
mORF_+_76339	76339	76404	+	1	66	GTG	TAA	0	0
mORF_+_76417	76417	76527	+	1	111	ATG	TGA	0	0
mORF_+_76460	76460	76579	+	2	120	TTG	TAA	0	0
mORF_+_76464	76464	76661	+	3	198	TTG	TAG	0	0
mORF_+_76598	76598	76687	+	2	90	TTG	TAA	0	0
mORF_+_76674	76674	76730	+	3	57	TTG	TGA	0	0

mORF_+_76724	76724	76774	+	2	51	ATG	TGA	0	0
mORF_+_76771	76771	76848	+	1	78	GTG	TGA	0	0
mORF_+_76778	76778	76840	+	2	63	TTG	TAG	0	0
mORF_+_76797	76797	76922	+	3	126	ATG	TAG	0	0
mORF_+_76853	76853	76900	+	2	48	TTG	TAG	0	0
mORF_+_76885	76885	77169	+	1	285	ATG	TGA	0	0
mORF_+_76938	76938	76973	+	3	36	ATG	TGA	0	0
mORF_+_76940	76940	77206	+	2	267	GTG	TAA	0	0
mORF_+_77001	77001	77027	+	3	27	TTG	TGA	0	0
mORF_+_77160	77160	77186	+	3	27	ATG	TGA	0	0
mORF_+_77220	77220	77519	+	3	300	TTG	TGA	0	0
mORF_+_77227	77227	77271	+	1	45	TTG	TGA	0	0
mORF_+_77255	77255	77350	+	2	96	TTG	TAA	0	0
mORF_+_77293	77293	77301	+	1	9	ATG	TAA	0	0
mORF_+_77368	77368	77451	+	1	84	ATG	TAA	0	0
mORF_+_77381	77381	77479	+	2	99	GTG	TGA	0	0
mORF_+_77476	77476	77487	+	1	12	TTG	TGA	0	0
mORF_+_77492	77492	77500	+	2	9	GTG	TGA	0	0
mORF_+_77497	77497	77748	+	1	252	ATG	TGA	0	0
mORF_+_77516	77516	77539	+	2	24	TTG	TGA	0	0
mORF_+_77532	77532	77543	+	3	12	ATG	TGA	0	0
mORF_+_77547	77547	77555	+	3	9	TTG	TAA	0	0
mORF_+_77621	77621	78799	+	2	1179	ATG	TGA	0	0
mORF_+_77658	77658	77693	+	3	36	GTG	TGA	0	0
mORF_+_77745	77745	77792	+	3	48	GTG	TGA	0	0
mORF_+_77793	77793	77816	+	3	24	ATG	TAA	0	0
mORF_+_77875	77875	77919	+	1	45	TTG	TAA	0	0
mORF_+_77898	77898	77933	+	3	36	ATG	TGA	0	0
mORF_+_77946	77946	78041	+	3	96	GTG	TGA	0	0
mORF_+_78060	78060	78119	+	3	60	GTG	TGA	0	0
mORF_+_78079	78079	78264	+	1	186	ATG	TAG	0	0
mORF_+_78147	78147	78182	+	3	36	TTG	TGA	0	0
mORF_+_78183	78183	78215	+	3	33	TTG	TAG	0	0
mORF_+_78231	78231	78299	+	3	69	ATG	TAA	0	0
mORF_+_78301	78301	78330	+	1	30	GTG	TGA	0	0
mORF_+_78327	78327	78359	+	3	33	TTG	TAG	0	0
mORF_+_78340	78340	78351	+	1	12	GTG	TAG	0	0
mORF_+_78441	78441	78470	+	3	30	ATG	TGA	0	0
mORF_+_78579	78579	78617	+	3	39	TTG	TAA	0	0
mORF_+_78601	78601	78657	+	1	57	ATG	TAA	0	0
mORF_+_78705	78705	78743	+	3	39	TTG	TAA	0	0
mORF_+_78715	78715	78789	+	1	75	TTG	TAA	0	0
mORF_+_78744	78744	78776	+	3	33	TTG	TAA	0	0
mORF_+_78796	78796	78834	+	1	39	TTG	TGA	0	0
mORF_+_78804	78804	78851	+	3	48	GTG	TAA	0	0
mORF_+_78866	78866	79084	+	2	219	TTG	TAA	0	0
mORF_+_78871	78871	78912	+	1	42	TTG	TAA	0	0
mORF_+_78888	78888	78977	+	3	90	ATG	TAG	0	0
mORF_+_79104	79104	79124	+	3	21	TTG	TAG	0	0
mORF_+_79128	79128	79169	+	3	42	ATG	TAG	0	0
mORF_+_79177	79177	79323	+	1	147	ATG	TAA	0	0
mORF_+_79190	79190	79471	+	2	282	GTG	TAA	0	0
mORF_+_79236	79236	79250	+	3	15	ATG	TGA	0	0
mORF_+_79377	79377	79643	+	3	267	ATG	TGA	0	0
mORF_+_79381	79381	79437	+	1	57	TTG	TGA	0	0
mORF_+_79471	79471	79893	+	1	423	ATG	TAG	0	0
mORF_+_79520	79520	79531	+	2	12	TTG	TGA	0	0
mORF_+_79640	79640	79681	+	2	42	TTG	TAA	0	0
mORF_+_79745	79745	79837	+	2	93	GTG	TAA	0	0
mORF_+_79957	79957	80085	+	1	129	TTG	TAG	0	0
mORF_+_80009	80009	80035	+	2	27	GTG	TGA	0	0
mORF_+_80025	80025	80234	+	3	210	TTG	TAA	0	0
mORF_+_80051	80051	80137	+	2	87	TTG	TGA	0	0

mORF_+_80107	80107	80142	+	1	36	TTG	TAG	0	0	
mORF_+_80149	80149	80553	+	1	405	GTG	TGA	0	0	
mORF_+_80162	80162	80305	+	2	144	GTG	TAA	0	0	
mORF_+_80268	80268	80756	+	3	489	ATG	TGA	0	0	
mORF_+_80306	80306	80332	+	2	27	TTG	TAA	0	0	
mORF_+_80375	80375	80515	+	2	141	TTG	TGA	0	0	
mORF_+_80593	80593	80679	+	1	87	TTG	TGA	0	0	
mORF_+_80683	80683	80709	+	1	27	ATG	TGA	0	0	
mORF_+_80753	80753	80860	+	2	108	GTG	TAG	0	0	
mORF_+_80766	80766	80792	+	3	27	ATG	TAA	0	0	
mORF_+_80826	80826	80852	+	3	27	GTG	TAA	0	0	
mORF_+_80863	80863	80898	+	1	36	ATG	TGA	0	0	
mORF_+_80895	80895	81029	+	3	135	ATG	TAA	0	0	
mORF_+_80971	80971	80982	+	1	12	ATG	TAA	0	0	
mORF_+_81040	81040	81180	+	1	141	GTG	TGA	0	0	
mORF_+_81056	81056	81247	+	2	192	TTG	TGA	0	0	
mORF_+_81069	81069	81458	+	3	390	TTG	TGA	0	0	
mORF_+_81184	81184	81258	+	1	75	TTG	TAA	0	0	
mORF_+_81290	81290	81349	+	2	60	ATG	TAA	0	0	
mORF_+_81359	81359	81649	+	2	291	TTG	TAA	0	0	
mORF_+_81511	81511	81645	+	1	135	TTG	TGA	0	0	
mORF_+_81528	81528	81617	+	3	90	ATG	TGA	0	0	
mORF_+_81639	81639	81833	+	3	195	TTG	TAA	0	0	
mORF_+_81656	81656	81709	+	2	54	GTG	TAA	0	0	
mORF_+_81703	81703	81846	+	1	144	GTG	TGA	1	3	pORF_+_81703
mORF_+_81710	81710	81991	+	2	282	ATG	TGA	0	0	
mORF_+_81840	81840	81947	+	3	108	GTG	TAA	0	0	
mORF_+_81985	81985	82071	+	1	87	GTG	TGA	0	0	
mORF_+_81995	81995	82123	+	2	129	TTG	TAG	0	0	
mORF_+_82068	82068	82088	+	3	21	ATG	TAG	0	0	
mORF_+_82102	82102	82473	+	1	372	GTG	TAA	0	0	
mORF_+_82169	82169	82231	+	2	63	TTG	TGA	0	0	
mORF_+_82224	82224	82277	+	3	54	TTG	TGA	0	0	
mORF_+_82259	82259	82348	+	2	90	TTG	TAA	0	0	
mORF_+_82388	82388	82414	+	2	27	ATG	TAA	0	0	
mORF_+_82433	82433	82600	+	2	168	TTG	TAG	0	0	
mORF_+_82513	82513	82716	+	1	204	ATG	TAA	0	0	
mORF_+_82584	82584	82592	+	3	9	GTG	TGA	0	0	
mORF_+_82647	82647	82712	+	3	66	GTG	TAA	0	0	
mORF_+_82670	82670	82744	+	2	75	ATG	TGA	0	0	
mORF_+_82741	82741	82890	+	1	150	GTG	TGA	0	0	
mORF_+_82748	82748	83011	+	2	264	ATG	TAG	0	0	
mORF_+_82845	82845	82937	+	3	93	TTG	TAA	0	0	
mORF_+_82918	82918	83313	+	1	396	GTG	TAA	2	218	pORF_+_82918
mORF_+_83018	83018	83137	+	2	120	GTG	TAA	0	0	
mORF_+_83091	83091	83165	+	3	75	GTG	TAG	0	0	
mORF_+_83189	83189	83242	+	2	54	GTG	TGA	0	0	
mORF_+_83217	83217	83234	+	3	18	TTG	TAA	0	0	
mORF_+_83348	83348	83689	+	2	342	ATG	TAA	0	0	
mORF_+_83353	83353	83475	+	1	123	TTG	TAA	0	0	
mORF_+_83466	83466	83513	+	3	48	TTG	TAA	0	0	
mORF_+_83518	83518	83553	+	1	36	TTG	TAG	0	0	
mORF_+_83541	83541	83609	+	3	69	TTG	TGA	0	0	
mORF_+_83602	83602	83625	+	1	24	TTG	TAA	0	0	
mORF_+_83625	83625	83672	+	3	48	ATG	TAG	0	0	
mORF_+_83632	83632	83703	+	1	72	ATG	TGA	0	0	
mORF_+_83700	83700	83711	+	3	12	GTG	TAA	0	0	
mORF_+_83723	83723	83743	+	2	21	ATG	TAG	0	0	
mORF_+_83727	83727	83777	+	3	51	ATG	TGA	0	0	
mORF_+_83734	83734	83829	+	1	96	ATG	TAA	0	0	
mORF_+_83765	83765	83785	+	2	21	ATG	TAA	0	0	
mORF_+_83801	83801	83926	+	2	126	GTG	TAA	0	0	
mORF_+_83830	83830	83847	+	1	18	TTG	TAA	0	0	

mORF_+_83832	83832	83852	+	3	21	GTG	TAA	0	0	
mORF_+_83917	83917	83976	+	1	60	TTG	TGA	0	0	
mORF_+_83976	83976	84029	+	3	54	ATG	TGA	0	0	
mORF_+_83981	83981	83989	+	2	9	TTG	TGA	0	0	
mORF_+_83986	83986	84015	+	1	30	TTG	TGA	0	0	
mORF_+_84023	84023	84076	+	2	54	TTG	TAA	0	0	
mORF_+_84036	84036	84047	+	3	12	TTG	TAA	0	0	
mORF_+_84060	84060	84068	+	3	9	ATG	TAA	0	0	
mORF_+_84109	84109	84114	+	1	6	TTG	TAG	0	0	
mORF_+_84115	84115	84135	+	1	21	ATG	TAG	0	0	
mORF_+_84119	84119	84145	+	2	27	TTG	TAG	0	0	
mORF_+_84138	84138	84194	+	3	57	ATG	TGA	0	0	
mORF_+_84169	84169	84291	+	1	123	ATG	TGA	0	0	
mORF_+_84179	84179	84190	+	2	12	ATG	TAA	0	0	
mORF_+_84191	84191	85312	+	2	1122	ATG	TAA	0	0	
mORF_+_84288	84288	84332	+	3	45	ATG	TAA	0	0	
mORF_+_84348	84348	84353	+	3	6	GTG	TGA	0	0	
mORF_+_84459	84459	84467	+	3	9	ATG	TGA	0	0	
mORF_+_84489	84489	84548	+	3	60	GTG	TGA	0	0	
mORF_+_84561	84561	84653	+	3	93	ATG	TAG	0	0	
mORF_+_84660	84660	84734	+	3	75	ATG	TAG	0	0	
mORF_+_84715	84715	84762	+	1	48	TTG	TAA	0	0	
mORF_+_84768	84768	84815	+	3	48	TTG	TAA	0	0	
mORF_+_84858	84858	84863	+	3	6	TTG	TGA	0	0	
mORF_+_84870	84870	84935	+	3	66	ATG	TAG	0	0	
mORF_+_84978	84978	85058	+	3	81	ATG	TAG	0	0	
mORF_+_85042	85042	85050	+	1	9	TTG	TGA	0	0	
mORF_+_85140	85140	85181	+	3	42	TTG	TAG	0	0	
mORF_+_85150	85150	85161	+	1	12	TTG	TGA	0	0	
mORF_+_85242	85242	85292	+	3	51	ATG	TAG	0	0	
mORF_+_85273	85273	85338	+	1	66	GTG	TGA	0	0	
mORF_+_85317	85317	85409	+	3	93	TTG	TAG	0	0	
mORF_+_85339	85339	85368	+	1	30	ATG	TGA	0	0	
mORF_+_85369	85369	85374	+	1	6	ATG	TAG	0	0	
mORF_+_85388	85388	85441	+	2	54	ATG	TAA	0	0	
mORF_+_85390	85390	85419	+	1	30	GTG	TAA	0	0	
mORF_+_85443	85443	85475	+	3	33	TTG	TAA	0	0	
mORF_+_85445	85445	85570	+	2	126	GTG	TAA	0	0	
mORF_+_85485	85485	85688	+	3	204	ATG	TAA	0	0	
mORF_+_85540	85540	87354	+	1	1815	GTG	TGA	51	258	pORF_+_85540
mORF_+_85721	85721	85771	+	2	51	TTG	TAG	0	0	
mORF_+_85778	85778	85849	+	2	72	ATG	TAA	0	0	
mORF_+_85871	85871	85918	+	2	48	ATG	TAG	0	0	
mORF_+_85919	85919	85939	+	2	21	TTG	TAG	0	0	
mORF_+_85961	85961	86056	+	2	96	ATG	TGA	0	0	
mORF_+_85974	85974	86009	+	3	36	GTG	TAA	0	0	
mORF_+_86081	86081	86101	+	2	21	GTG	TAG	0	0	
mORF_+_86105	86105	86242	+	2	138	TTG	TAG	0	0	
mORF_+_86258	86258	86269	+	2	12	TTG	TAG	0	0	
mORF_+_86273	86273	86308	+	2	36	GTG	TGA	0	0	
mORF_+_86339	86339	86353	+	2	15	TTG	TGA	0	0	
mORF_+_86343	86343	86444	+	3	102	TTG	TAA	1	5	pORF_+_86343
mORF_+_86450	86450	86455	+	2	6	ATG	TGA	0	0	
mORF_+_86477	86477	86572	+	2	96	TTG	TGA	0	0	
mORF_+_86588	86588	86719	+	2	132	TTG	TGA	0	0	
mORF_+_86679	86679	86693	+	3	15	GTG	TGA	0	0	
mORF_+_86697	86697	86726	+	3	30	GTG	TGA	0	0	
mORF_+_86723	86723	86761	+	2	39	ATG	TGA	0	0	
mORF_+_86772	86772	87053	+	3	282	TTG	TAA	0	0	
mORF_+_86810	86810	86989	+	2	180	ATG	TGA	0	0	
mORF_+_87078	87078	87197	+	3	120	GTG	TGA	0	0	
mORF_+_87161	87161	87334	+	2	174	ATG	TAA	0	0	
mORF_+_87327	87327	87848	+	3	522	GTG	TGA	24	481	pORF_+_87327

mORF_+_87388	87388	87414	+	1	27	ATG	TGA	0	0	
mORF_+_87415	87415	87456	+	1	42	TTG	TGA	0	0	
mORF_+_87460	87460	87495	+	1	36	TTG	TGA	0	0	
mORF_+_87514	87514	87576	+	1	63	ATG	TGA	0	0	
mORF_+_87577	87577	87624	+	1	48	GTG	TGA	0	0	
mORF_+_87649	87649	87660	+	1	12	GTG	TGA	0	0	
mORF_+_87682	87682	87729	+	1	48	GTG	TAG	0	0	
mORF_+_87748	87748	87762	+	1	15	TTG	TAG	0	0	
mORF_+_87775	87775	87840	+	1	66	ATG	TAA	0	0	
mORF_+_87845	87845	87946	+	2	102	TTG	TAA	0	0	
mORF_+_87889	87889	87927	+	1	39	TTG	TAA	0	0	
mORF_+_87900	87900	88031	+	3	132	TTG	TGA	0	0	
mORF_+_87934	87934	87960	+	1	27	TTG	TAG	0	0	
mORF_+_87961	87961	88041	+	1	81	ATG	TGA	0	0	
mORF_+_88028	88028	89032	+	2	1005	GTG	TAA	12	48	pORF_+_88028
mORF_+_88038	88038	88118	+	3	81	ATG	TGA	0	0	
mORF_+_88131	88131	88229	+	3	99	TTG	TGA	0	0	
mORF_+_88275	88275	88313	+	3	39	TTG	TGA	0	0	
mORF_+_88314	88314	88787	+	3	474	TTG	TGA	0	0	
mORF_+_88351	88351	88359	+	1	9	GTG	TGA	0	0	
mORF_+_88720	88720	88827	+	1	108	ATG	TGA	0	0	
mORF_+_88791	88791	88982	+	3	192	ATG	TAA	0	0	
mORF_+_88876	88876	88965	+	1	90	GTG	TAA	0	0	
mORF_+_89057	89057	89113	+	2	57	GTG	TAA	0	0	
mORF_+_89101	89101	89139	+	1	39	ATG	TGA	0	0	
mORF_+_89136	89136	89165	+	3	30	TTG	TAA	0	0	
mORF_+_89143	89143	89169	+	1	27	ATG	TAA	0	0	
mORF_+_89198	89198	89401	+	2	204	GTG	TAG	0	0	
mORF_+_89218	89218	89259	+	1	42	TTG	TAA	0	0	
mORF_+_89235	89235	89246	+	3	12	ATG	TGA	0	0	
mORF_+_89343	89343	89351	+	3	9	ATG	TAA	0	0	
mORF_+_89353	89353	89487	+	1	135	ATG	TAA	0	0	
mORF_+_89391	89391	89414	+	3	24	GTG	TAA	0	0	
mORF_+_89466	89466	89492	+	3	27	TTG	TAA	0	0	
mORF_+_89537	89537	89626	+	2	90	ATG	TGA	0	0	
mORF_+_89542	89542	89547	+	1	6	TTG	TGA	0	0	
mORF_+_89544	89544	89579	+	3	36	GTG	TAA	0	0	
mORF_+_89590	89590	89619	+	1	30	GTG	TAA	0	0	
mORF_+_89598	89598	90092	+	3	495	TTG	TAA	4	13	pORF_+_89598
mORF_+_89623	89623	89655	+	1	33	GTG	TAG	0	0	
mORF_+_89713	89713	89832	+	1	120	TTG	TGA	0	0	
mORF_+_89738	89738	89749	+	2	12	TTG	TGA	0	0	
mORF_+_89762	89762	89788	+	2	27	GTG	TGA	0	0	
mORF_+_89789	89789	89842	+	2	54	ATG	TGA	0	0	
mORF_+_89839	89839	89868	+	1	30	TTG	TAG	0	0	
mORF_+_89872	89872	89913	+	1	42	ATG	TAA	0	0	
mORF_+_89882	89882	89986	+	2	105	ATG	TGA	0	0	
mORF_+_89935	89935	89946	+	1	12	ATG	TGA	0	0	
mORF_+_89965	89965	91035	+	1	1071	TTG	TGA	28	224	pORF_+_89965
mORF_+_89990	89990	89998	+	2	9	GTG	TGA	0	0	
mORF_+_90131	90131	90214	+	2	84	ATG	TGA	0	0	
mORF_+_90227	90227	90550	+	2	324	TTG	TGA	0	0	
mORF_+_90507	90507	90563	+	3	57	ATG	TGA	0	0	
mORF_+_90557	90557	90625	+	2	69	ATG	TGA	0	0	
mORF_+_90723	90723	90737	+	3	15	TTG	TGA	0	0	
mORF_+_90734	90734	90751	+	2	18	GTG	TAG	0	0	
mORF_+_90791	90791	90841	+	2	51	GTG	TGA	0	0	
mORF_+_90854	90854	90898	+	2	45	GTG	TGA	0	0	
mORF_+_90923	90923	90946	+	2	24	GTG	TAG	0	0	
mORF_+_90989	90989	91069	+	2	81	GTG	TAA	0	0	
mORF_+_91032	91032	91397	+	3	366	ATG	TAA	2	5	pORF_+_91032
mORF_+_91096	91096	91176	+	1	81	ATG	TGA	0	0	
mORF_+_91163	91163	91270	+	2	108	TTG	TGA	0	0	

mORF_+_91255	91255	91263	+	1	9	ATG	TAG	0	0	
mORF_+_91267	91267	91284	+	1	18	TTG	TGA	0	0	
mORF_+_91271	91271	91291	+	2	21	ATG	TGA	0	0	
mORF_+_91288	91288	91386	+	1	99	TTG	TAG	0	0	
mORF_+_91413	91413	93179	+	3	1767	ATG	TAA	0	0	
mORF_+_91459	91459	91539	+	1	81	ATG	TAG	0	0	
mORF_+_91475	91475	91639	+	2	165	TTG	TGA	0	0	
mORF_+_91685	91685	91693	+	2	9	TTG	TGA	0	0	
mORF_+_91708	91708	91842	+	1	135	ATG	TGA	0	0	
mORF_+_91897	91897	91935	+	1	39	GTG	TGA	0	0	
mORF_+_91978	91978	92064	+	1	87	TTG	TAA	0	0	
mORF_+_92006	92006	92029	+	2	24	ATG	TGA	0	0	
mORF_+_92065	92065	92115	+	1	51	TTG	TGA	0	0	
mORF_+_92119	92119	92157	+	1	39	TTG	TGA	0	0	
mORF_+_92209	92209	92271	+	1	63	ATG	TGA	0	0	
mORF_+_92320	92320	92355	+	1	36	TTG	TAA	0	0	
mORF_+_92371	92371	92463	+	1	93	GTG	TAA	0	0	
mORF_+_92500	92500	92520	+	1	21	GTG	TAG	0	0	
mORF_+_92560	92560	92643	+	1	84	TTG	TAG	0	0	
mORF_+_92630	92630	92638	+	2	9	GTG	TGA	0	0	
mORF_+_92758	92758	92823	+	1	66	TTG	TGA	0	0	
mORF_+_92947	92947	93096	+	1	150	TTG	TGA	0	0	
mORF_+_93109	93109	93117	+	1	9	ATG	TGA	0	0	
mORF_+_93133	93133	93144	+	1	12	ATG	TGA	0	0	
mORF_+_93166	93166	94653	+	1	1488	GTG	TGA	28	204	pORF_+_93166
mORF_+_93194	93194	93241	+	2	48	TTG	TGA	0	0	
mORF_+_93201	93201	93374	+	3	174	GTG	TGA	1	4	pORF_+_93201
mORF_+_93254	93254	93283	+	2	30	GTG	TAG	0	0	
mORF_+_93341	93341	93508	+	2	168	GTG	TAA	0	0	
mORF_+_93552	93552	93602	+	3	51	GTG	TAA	0	0	
mORF_+_93566	93566	93586	+	2	21	TTG	TAA	0	0	
mORF_+_93596	93596	93622	+	2	27	TTG	TGA	0	0	
mORF_+_93656	93656	93757	+	2	102	ATG	TGA	0	0	
mORF_+_93702	93702	93803	+	3	102	TTG	TGA	0	0	
mORF_+_93761	93761	93787	+	2	27	TTG	TAA	0	0	
mORF_+_93800	93800	93988	+	2	189	TTG	TGA	0	0	
mORF_+_93840	93840	93857	+	3	18	ATG	TGA	0	0	
mORF_+_93864	93864	93884	+	3	21	TTG	TAA	0	0	
mORF_+_94019	94019	94075	+	2	57	GTG	TGA	0	0	
mORF_+_94044	94044	94064	+	3	21	TTG	TGA	0	0	
mORF_+_94182	94182	94340	+	3	159	TTG	TAA	0	0	
mORF_+_94253	94253	94357	+	2	105	ATG	TGA	0	0	
mORF_+_94367	94367	94399	+	2	33	TTG	TGA	0	0	
mORF_+_94430	94430	94465	+	2	36	GTG	TAG	0	0	
mORF_+_94466	94466	94486	+	2	21	ATG	TGA	0	0	
mORF_+_94496	94496	94510	+	2	15	GTG	TGA	0	0	
mORF_+_94512	94512	94532	+	3	21	TTG	TAA	0	0	
mORF_+_94538	94538	94645	+	2	108	ATG	TGA	0	0	
mORF_+_94646	94646	94657	+	2	12	TTG	TAG	0	0	
mORF_+_94650	94650	96008	+	3	1359	ATG	TAG	11	43	pORF_+_94650
mORF_+_94693	94693	94731	+	1	39	GTG	TAA	0	0	
mORF_+_94768	94768	94779	+	1	12	TTG	TGA	0	0	
mORF_+_94792	94792	94884	+	1	93	TTG	TAA	0	0	
mORF_+_94909	94909	94965	+	1	57	TTG	TGA	0	0	
mORF_+_94925	94925	94993	+	2	69	ATG	TAA	0	0	
mORF_+_95021	95021	95122	+	2	102	GTG	TGA	0	0	
mORF_+_95068	95068	95079	+	1	12	GTG	TGA	0	0	
mORF_+_95119	95119	95151	+	1	33	TTG	TAG	0	0	
mORF_+_95224	95224	95301	+	1	78	TTG	TGA	0	0	
mORF_+_95341	95341	95415	+	1	75	TTG	TGA	0	0	
mORF_+_95357	95357	95458	+	2	102	GTG	TAG	0	0	
mORF_+_95464	95464	95580	+	1	117	ATG	TGA	0	0	
mORF_+_95656	95656	95670	+	1	15	ATG	TGA	0	0	

mORF_+_95764	95764	95814	+	1	51	ATG	TAA	0	0	
mORF_+_95833	95833	95889	+	1	57	ATG	TAA	0	0	
mORF_+_95911	95911	95928	+	1	18	TTG	TAA	0	0	
mORF_+_95956	95956	95976	+	1	21	GTG	TAG	0	0	
mORF_+_95995	95995	96051	+	1	57	ATG	TAA	0	0	
mORF_+_96002	96002	97084	+	2	1083	ATG	TAA	0	0	
mORF_+_96115	96115	96177	+	1	63	GTG	TAA	0	0	
mORF_+_96135	96135	96236	+	3	102	TTG	TGA	0	0	
mORF_+_96249	96249	96254	+	3	6	TTG	TGA	0	0	
mORF_+_96268	96268	96345	+	1	78	GTG	TGA	0	0	
mORF_+_96327	96327	96386	+	3	60	GTG	TGA	0	0	
mORF_+_96394	96394	96498	+	1	105	TTG	TAA	0	0	
mORF_+_96420	96420	96506	+	3	87	TTG	TGA	0	0	
mORF_+_96552	96552	96575	+	3	24	TTG	TAA	0	0	
mORF_+_96585	96585	96668	+	3	84	ATG	TGA	0	0	
mORF_+_96649	96649	96771	+	1	123	GTG	TAA	0	0	
mORF_+_96672	96672	96740	+	3	69	TTG	TAG	0	0	
mORF_+_96801	96801	96806	+	3	6	ATG	TAG	0	0	
mORF_+_96822	96822	96833	+	3	12	GTG	TAG	0	0	
mORF_+_96984	96984	96992	+	3	9	ATG	TGA	0	0	
mORF_+_97017	97017	97043	+	3	27	TTG	TGA	0	0	
mORF_+_97056	97056	97073	+	3	18	TTG	TGA	0	0	
mORF_+_97087	97087	98403	+	1	1317	ATG	TGA	18	70	pORF_+_97087
mORF_+_97109	97109	97177	+	2	69	ATG	TGA	0	0	
mORF_+_97262	97262	97276	+	2	15	ATG	TGA	0	0	
mORF_+_97269	97269	97346	+	3	78	ATG	TGA	0	0	
mORF_+_97292	97292	97333	+	2	42	TTG	TAA	0	0	
mORF_+_97346	97346	97453	+	2	108	ATG	TAG	0	0	
mORF_+_97457	97457	97522	+	2	66	GTG	TGA	0	0	
mORF_+_97532	97532	97606	+	2	75	ATG	TAG	0	0	
mORF_+_97539	97539	97544	+	3	6	GTG	TGA	0	0	
mORF_+_97655	97655	97738	+	2	84	TTG	TAA	0	0	
mORF_+_97710	97710	97721	+	3	12	TTG	TAA	0	0	
mORF_+_97754	97754	97807	+	2	54	GTG	TGA	0	0	
mORF_+_97859	97859	97864	+	2	6	ATG	TGA	0	0	
mORF_+_97901	97901	97960	+	2	60	ATG	TGA	0	0	
mORF_+_97997	97997	98080	+	2	84	TTG	TGA	0	0	
mORF_+_98028	98028	98036	+	3	9	TTG	TAA	0	0	
mORF_+_98081	98081	98095	+	2	15	ATG	TAG	0	0	
mORF_+_98120	98120	98167	+	2	48	GTG	TGA	0	0	
mORF_+_98168	98168	98398	+	2	231	ATG	TAG	0	0	
mORF_+_98190	98190	98204	+	3	15	TTG	TGA	0	0	
mORF_+_98400	98400	99647	+	3	1248	TTG	TGA	1	2	pORF_+_98400
mORF_+_98549	98549	98656	+	2	108	GTG	TGA	0	0	
mORF_+_98575	98575	98592	+	1	18	TTG	TGA	0	0	
mORF_+_98653	98653	98670	+	1	18	GTG	TGA	0	0	
mORF_+_98734	98734	98769	+	1	36	GTG	TGA	0	0	
mORF_+_98813	98813	98902	+	2	90	TTG	TAA	0	0	
mORF_+_98995	98995	99021	+	1	27	TTG	TGA	0	0	
mORF_+_99059	99059	99250	+	2	192	GTG	TAA	0	0	
mORF_+_99070	99070	99111	+	1	42	TTG	TGA	0	0	
mORF_+_99139	99139	99195	+	1	57	GTG	TAA	0	0	
mORF_+_99214	99214	99246	+	1	33	TTG	TAG	0	0	
mORF_+_99328	99328	99354	+	1	27	ATG	TAA	0	0	
mORF_+_99388	99388	99405	+	1	18	TTG	TAG	0	0	
mORF_+_99409	99409	99483	+	1	75	TTG	TAG	0	0	
mORF_+_99541	99541	99558	+	1	18	GTG	TGA	0	0	
mORF_+_99592	99592	99816	+	1	225	TTG	TGA	0	0	
mORF_+_99644	99644	100711	+	2	1068	ATG	TAA	10	27	pORF_+_99644
mORF_+_99648	99648	99668	+	3	21	GTG	TAA	0	0	
mORF_+_99690	99690	99731	+	3	42	GTG	TAA	0	0	
mORF_+_99801	99801	99854	+	3	54	ATG	TAA	0	0	
mORF_+_99972	99972	99995	+	3	24	GTG	TAG	0	0	

mORF+_99985	99985	100017	+	1	33	GTG	TGA	0	0	
mORF+_100005	100005	100040	+	3	36	TTG	TAA	0	0	
mORF+_100048	100048	100104	+	1	57	ATG	TAA	0	0	
mORF+_100062	100062	100076	+	3	15	TTG	TGA	0	0	
mORF+_100092	100092	100115	+	3	24	GTG	TAG	0	0	
mORF+_100137	100137	100205	+	3	69	ATG	TAG	0	0	
mORF+_100209	100209	100364	+	3	156	GTG	TGA	0	0	
mORF+_100374	100374	100436	+	3	63	TTG	TAA	0	0	
mORF+_100399	100399	100446	+	1	48	GTG	TGA	0	0	
mORF+_100443	100443	100625	+	3	183	GTG	TAA	0	0	
mORF+_100603	100603	100686	+	1	84	GTG	TGA	0	0	
mORF+_100662	100662	100691	+	3	30	ATG	TGA	0	0	
mORF+_100698	100698	100739	+	3	42	TTG	TGA	0	0	
mORF+_100712	100712	100717	+	2	6	TTG	TAG	0	0	
mORF+_100720	100720	100761	+	1	42	ATG	TAA	0	0	
mORF+_100727	100727	100753	+	2	27	TTG	TAA	0	0	
mORF+_100765	100765	102240	+	1	1476	ATG	TGA	24	108	pORF+_100765
mORF+_100835	100835	100918	+	2	84	TTG	TAG	0	0	
mORF+_100955	100955	101080	+	2	126	GTG	TGA	0	0	
mORF+_101087	101087	101110	+	2	24	GTG	TAA	0	0	
mORF+_101123	101123	101233	+	2	111	ATG	TAA	0	0	
mORF+_101249	101249	101278	+	2	30	ATG	TGA	0	0	
mORF+_101279	101279	101395	+	2	117	TTG	TAA	0	0	
mORF+_101441	101441	101449	+	2	9	GTG	TGA	0	0	
mORF+_101451	101451	101459	+	3	9	GTG	TGA	0	0	
mORF+_101453	101453	101470	+	2	18	GTG	TGA	0	0	
mORF+_101528	101528	101545	+	2	18	ATG	TAG	0	0	
mORF+_101561	101561	101623	+	2	63	TTG	TGA	0	0	
mORF+_101624	101624	101650	+	2	27	ATG	TGA	0	0	
mORF+_101666	101666	101782	+	2	117	TTG	TGA	0	0	
mORF+_101783	101783	101893	+	2	111	ATG	TAA	0	0	
mORF+_101936	101936	101959	+	2	24	ATG	TGA	0	0	
mORF+_101966	101966	101980	+	2	15	TTG	TGA	0	0	
mORF+_102039	102039	102071	+	3	33	GTG	TGA	0	0	
mORF+_102053	102053	102103	+	2	51	GTG	TAG	0	0	
mORF+_102167	102167	102190	+	2	24	TTG	TAG	0	0	
mORF+_102233	102233	103153	+	2	921	ATG	TAA	24	67	pORF+_102233
mORF+_102261	102261	102293	+	3	33	GTG	TGA	0	0	
mORF+_102324	102324	102374	+	3	51	GTG	TGA	0	0	
mORF+_102432	102432	102467	+	3	36	GTG	TGA	0	0	
mORF+_102541	102541	102600	+	1	60	ATG	TGA	0	0	
mORF+_102549	102549	102578	+	3	30	GTG	TAG	0	0	
mORF+_102597	102597	102611	+	3	15	TTG	TGA	0	0	
mORF+_102684	102684	102704	+	3	21	GTG	TAG	0	0	
mORF+_102714	102714	102734	+	3	21	ATG	TAA	0	0	
mORF+_102753	102753	102767	+	3	15	ATG	TGA	0	0	
mORF+_102768	102768	102782	+	3	15	TTG	TAA	0	0	
mORF+_102775	102775	102816	+	1	42	ATG	TGA	0	0	
mORF+_102783	102783	102953	+	3	171	GTG	TAG	0	0	
mORF+_102964	102964	103002	+	1	39	ATG	TGA	0	0	
mORF+_102999	102999	103064	+	3	66	TTG	TGA	0	0	
mORF+_103155	103155	103985	+	3	831	ATG	TGA	1	2	pORF+_103155
mORF+_103216	103216	103251	+	1	36	ATG	TGA	0	0	
mORF+_103306	103306	103341	+	1	36	ATG	TGA	0	0	
mORF+_103345	103345	103419	+	1	75	GTG	TGA	0	0	
mORF+_103426	103426	103452	+	1	27	ATG	TAG	0	0	
mORF+_103466	103466	103474	+	2	9	GTG	TAA	0	0	
mORF+_103496	103496	103504	+	2	9	GTG	TGA	0	0	
mORF+_103504	103504	103512	+	1	9	ATG	TGA	0	0	
mORF+_103525	103525	103569	+	1	45	TTG	TAG	0	0	
mORF+_103547	103547	103555	+	2	9	GTG	TGA	0	0	
mORF+_103636	103636	103719	+	1	84	ATG	TGA	0	0	
mORF+_103786	103786	103806	+	1	21	TTG	TGA	0	0	

mORF_+_103822	103822	103827	+	1	6	TTG	TAG	0	0	
mORF_+_103864	103864	103917	+	1	54	ATG	TAG	0	0	
mORF_+_103982	103982	105244	+	2	1263	ATG	TAA	27	137	pORF_+_103982
mORF_+_104025	104025	104051	+	3	27	TTG	TAG	0	0	
mORF_+_104088	104088	104135	+	3	48	TTG	TGA	0	0	
mORF_+_104158	104158	104178	+	1	21	GTG	TGA	0	0	
mORF_+_104175	104175	104192	+	3	18	TTG	TGA	0	0	
mORF_+_104200	104200	104238	+	1	39	TTG	TAA	0	0	
mORF_+_104256	104256	104294	+	3	39	ATG	TGA	0	0	
mORF_+_104304	104304	104372	+	3	69	ATG	TGA	0	0	
mORF_+_104385	104385	104423	+	3	39	ATG	TAG	0	0	
mORF_+_104467	104467	104508	+	1	42	ATG	TGA	0	0	
mORF_+_104505	104505	104522	+	3	18	TTG	TGA	0	0	
mORF_+_104512	104512	104529	+	1	18	TTG	TGA	0	0	
mORF_+_104526	104526	104537	+	3	12	TTG	TGA	0	0	
mORF_+_104541	104541	104573	+	3	33	TTG	TGA	0	0	
mORF_+_104580	104580	104675	+	3	96	ATG	TAA	0	0	
mORF_+_104682	104682	104699	+	3	18	ATG	TGA	0	0	
mORF_+_104703	104703	104822	+	3	120	GTG	TAG	0	0	
mORF_+_104767	104767	104799	+	1	33	TTG	TGA	0	0	
mORF_+_104823	104823	104870	+	3	48	GTG	TGA	0	0	
mORF_+_104976	104976	104984	+	3	9	TTG	TAA	0	0	
mORF_+_104988	104988	105068	+	3	81	GTG	TGA	0	0	
mORF_+_105090	105090	105173	+	3	84	ATG	TAG	0	0	
mORF_+_105180	105180	105341	+	3	162	GTG	TGA	0	0	
mORF_+_105202	105202	105222	+	1	21	GTG	TAG	0	0	
mORF_+_105223	105223	105312	+	1	90	TTG	TGA	0	0	
mORF_+_105305	105305	106456	+	2	1152	ATG	TAA	119	2094	pORF_+_105305
mORF_+_105375	105375	105431	+	3	57	ATG	TAA	0	0	
mORF_+_105438	105438	105683	+	3	246	ATG	TGA	0	0	
mORF_+_105687	105687	105785	+	3	99	TTG	TGA	0	0	
mORF_+_105843	105843	105872	+	3	30	ATG	TGA	0	0	
mORF_+_105933	105933	105953	+	3	21	TTG	TAA	0	0	
mORF_+_105999	105999	106139	+	3	141	GTG	TAG	0	0	
mORF_+_106152	106152	106211	+	3	60	GTG	TGA	0	0	
mORF_+_106212	106212	106229	+	3	18	ATG	TAA	0	0	
mORF_+_106233	106233	106283	+	3	51	TTG	TGA	0	0	
mORF_+_106329	106329	106346	+	3	18	ATG	TGA	0	0	
mORF_+_106365	106365	106379	+	3	15	TTG	TGA	0	0	
mORF_+_106380	106380	106463	+	3	84	ATG	TGA	0	0	
mORF_+_106460	106460	106552	+	2	93	TTG	TAA	0	0	
mORF_+_106471	106471	106539	+	1	69	TTG	TAA	0	0	
mORF_+_106488	106488	106496	+	3	9	TTG	TAA	0	0	
mORF_+_106557	106557	107474	+	3	918	ATG	TAA	7	26	pORF_+_106557
mORF_+_106600	106600	106635	+	1	36	GTG	TGA	0	0	
mORF_+_106714	106714	106788	+	1	75	ATG	TAG	0	0	
mORF_+_106748	106748	106768	+	2	21	GTG	TGA	0	0	
mORF_+_106798	106798	106926	+	1	129	ATG	TGA	0	0	
mORF_+_106942	106942	107082	+	1	141	TTG	TGA	0	0	
mORF_+_106985	106985	106993	+	2	9	GTG	TGA	0	0	
mORF_+_107095	107095	107229	+	1	135	ATG	TGA	0	0	
mORF_+_107174	107174	107212	+	2	39	GTG	TGA	0	0	
mORF_+_107248	107248	107358	+	1	111	TTG	TGA	0	0	
mORF_+_107303	107303	107341	+	2	39	GTG	TAA	0	0	
mORF_+_107407	107407	107412	+	1	6	ATG	TGA	0	0	
mORF_+_107533	107533	107652	+	1	120	GTG	TAA	0	0	
mORF_+_107552	107552	108217	+	2	666	TTG	TAA	0	0	
mORF_+_107580	107580	107600	+	3	21	GTG	TAA	0	0	
mORF_+_107652	107652	107672	+	3	21	ATG	TAA	0	0	
mORF_+_107662	107662	107682	+	1	21	TTG	TGA	0	0	
mORF_+_107679	107679	107708	+	3	30	TTG	TGA	0	0	
mORF_+_107709	107709	107720	+	3	12	GTG	TGA	0	0	
mORF_+_107736	107736	107771	+	3	36	TTG	TAG	0	0	

mORF+_107778	107778	107792	+	3	15	TTG	TAG	0	0	
mORF+_107880	107880	107972	+	3	93	TTG	TAA	0	0	
mORF+_108015	108015	108083	+	3	69	TTG	TGA	0	0	
mORF+_108120	108120	108173	+	3	54	TTG	TAA	0	0	
mORF+_108192	108192	108269	+	3	78	GTG	TGA	0	0	
mORF+_108266	108266	108301	+	2	36	TTG	TAA	0	0	
mORF+_108279	108279	110984	+	3	2706	ATG	TAA	132	1294	pORF+_108279
mORF+_108364	108364	108408	+	1	45	ATG	TGA	0	0	
mORF+_108430	108430	108468	+	1	39	GTG	TGA	0	0	
mORF+_108493	108493	108609	+	1	117	GTG	TGA	0	0	
mORF+_108691	108691	108735	+	1	45	GTG	TGA	0	0	
mORF+_108829	108829	108924	+	1	96	TTG	TGA	0	0	
mORF+_108928	108928	108948	+	1	21	ATG	TGA	0	0	
mORF+_109108	109108	109122	+	1	15	GTG	TGA	0	0	
mORF+_109123	109123	109140	+	1	18	TTG	TGA	0	0	
mORF+_109156	109156	109197	+	1	42	ATG	TGA	0	0	
mORF+_109228	109228	109449	+	1	222	ATG	TGA	0	0	
mORF+_109510	109510	109533	+	1	24	TTG	TGA	0	0	
mORF+_109594	109594	109686	+	1	93	TTG	TGA	0	0	
mORF+_109747	109747	109779	+	1	33	TTG	TGA	0	0	
mORF+_109804	109804	110061	+	1	258	GTG	TGA	0	0	
mORF+_110071	110071	110097	+	1	27	TTG	TGA	0	0	
mORF+_110131	110131	110148	+	1	18	TTG	TGA	0	0	
mORF+_110141	110141	110152	+	2	12	GTG	TAA	0	0	
mORF+_110158	110158	110295	+	1	138	TTG	TGA	0	0	
mORF+_110317	110317	110409	+	1	93	GTG	TGA	0	0	
mORF+_110378	110378	110455	+	2	78	GTG	TAA	0	0	
mORF+_110437	110437	110553	+	1	117	TTG	TGA	0	0	
mORF+_110590	110590	110733	+	1	144	TTG	TGA	0	0	
mORF+_110600	110600	110695	+	2	96	GTG	TGA	0	0	
mORF+_110737	110737	110757	+	1	21	ATG	TGA	0	0	
mORF+_110788	110788	110832	+	1	45	TTG	TAG	0	0	
mORF+_110860	110860	110916	+	1	57	ATG	TAG	0	0	
mORF+_110930	110930	110950	+	2	21	TTG	TAA	0	0	
mORF+_110963	110963	110998	+	2	36	GTG	TGA	0	0	
mORF+_110968	110968	110991	+	1	24	ATG	TAA	0	0	
mORF+_110995	110995	111003	+	1	9	TTG	TAA	0	0	
mORF+_111044	111044	111433	+	2	390	ATG	TAG	0	0	
mORF+_111060	111060	111068	+	3	9	TTG	TAG	0	0	
mORF+_111090	111090	111104	+	3	15	ATG	TAA	0	0	
mORF+_111120	111120	111284	+	3	165	ATG	TAA	0	0	
mORF+_111289	111289	111333	+	1	45	GTG	TAA	0	0	
mORF+_111348	111348	111410	+	3	63	GTG	TAA	0	0	
mORF+_111352	111352	111375	+	1	24	GTG	TAA	0	0	
mORF+_111411	111411	111482	+	3	72	TTG	TGA	0	0	
mORF+_111475	111475	111549	+	1	75	ATG	TAG	0	0	
mORF+_111482	111482	111532	+	2	51	ATG	TGA	0	0	
mORF+_111582	111582	111785	+	3	204	TTG	TGA	0	0	
mORF+_111598	111598	111843	+	1	246	ATG	TGA	0	0	
mORF+_111758	111758	111859	+	2	102	TTG	TAG	0	0	
mORF+_111816	111816	111833	+	3	18	TTG	TAA	0	0	
mORF+_111908	111908	111967	+	2	60	GTG	TAA	0	0	
mORF+_111946	111946	111975	+	1	30	ATG	TGA	0	0	
mORF+_111972	111972	112097	+	3	126	GTG	TAA	0	0	
mORF+_112048	112048	112080	+	1	33	TTG	TAA	0	0	
mORF+_112091	112091	112234	+	2	144	ATG	TGA	0	0	
mORF+_112098	112098	112109	+	3	12	GTG	TGA	0	0	
mORF+_112168	112168	112194	+	1	27	ATG	TAA	0	0	
mORF+_112185	112185	112190	+	3	6	ATG	TAG	0	0	
mORF+_112270	112270	112296	+	1	27	TTG	TAA	0	0	
mORF+_112329	112329	112460	+	3	132	ATG	TGA	0	0	
mORF+_112387	112387	112452	+	1	66	TTG	TAA	0	0	
mORF+_112418	112418	112525	+	2	108	GTG	TGA	0	0	

mORF_+_112474	112474	112506	+	1	33	ATG	TAA	0	0	
mORF_+_112519	112519	112569	+	1	51	TTG	TAG	0	0	
mORF_+_112538	112538	112678	+	2	141	ATG	TAG	0	0	
mORF_+_112548	112548	112616	+	3	69	ATG	TGA	0	0	
mORF_+_112573	112573	112644	+	1	72	ATG	TAG	0	0	
mORF_+_112644	112644	112865	+	3	222	GTG	TGA	0	0	
mORF_+_112685	112685	112705	+	2	21	GTG	TGA	0	0	
mORF_+_112702	112702	112746	+	1	45	ATG	TGA	0	0	
mORF_+_112739	112739	112807	+	2	69	TTG	TAA	0	0	
mORF_+_112795	112795	112902	+	1	108	ATG	TAG	0	0	
mORF_+_112862	112862	112912	+	2	51	GTG	TAG	0	0	
mORF_+_112914	112914	113081	+	3	168	TTG	TAG	0	0	
mORF_+_112990	112990	113064	+	1	75	TTG	TGA	0	0	
mORF_+_113027	113027	113053	+	2	27	ATG	TAG	0	0	
mORF_+_113071	113071	113109	+	1	39	ATG	TGA	0	0	
mORF_+_113087	113087	113119	+	2	33	GTG	TAA	0	0	
mORF_+_113131	113131	113247	+	1	117	ATG	TGA	0	0	
mORF_+_113244	113244	113288	+	3	45	ATG	TGA	0	0	
mORF_+_113269	113269	113334	+	1	66	GTG	TAG	0	0	
mORF_+_113285	113285	113377	+	2	93	TTG	TAG	0	0	
mORF_+_113370	113370	113420	+	3	51	TTG	TAG	0	0	
mORF_+_113377	113377	113427	+	1	51	GTG	TAA	0	0	
mORF_+_113444	113444	114487	+	2	1044	ATG	TAA	49	613	pORF_+_113444
mORF_+_113451	113451	113465	+	3	15	TTG	TGA	0	0	
mORF_+_113526	113526	113615	+	3	90	ATG	TAG	0	0	
mORF_+_113649	113649	113660	+	3	12	TTG	TGA	0	0	
mORF_+_113692	113692	113724	+	1	33	GTG	TGA	0	0	
mORF_+_113724	113724	113732	+	3	9	ATG	TGA	0	0	
mORF_+_113736	113736	113741	+	3	6	ATG	TGA	0	0	
mORF_+_113763	113763	113801	+	3	39	ATG	TGA	0	0	
mORF_+_113821	113821	113829	+	1	9	TTG	TGA	0	0	
mORF_+_113826	113826	113921	+	3	96	TTG	TAG	0	0	
mORF_+_113887	113887	113916	+	1	30	GTG	TAA	0	0	
mORF_+_113928	113928	114050	+	3	123	GTG	TAA	0	0	
mORF_+_113935	113935	113940	+	1	6	GTG	TGA	0	0	
mORF_+_113998	113998	114213	+	1	216	TTG	TGA	0	0	
mORF_+_114057	114057	114089	+	3	33	GTG	TGA	0	0	
mORF_+_114099	114099	114251	+	3	153	ATG	TGA	0	0	
mORF_+_114279	114279	114416	+	3	138	TTG	TGA	0	0	
mORF_+_114388	114388	114675	+	1	288	TTG	TGA	0	0	
mORF_+_114447	114447	114551	+	3	105	GTG	TAA	0	0	
mORF_+_114503	114503	114595	+	2	93	GTG	TAA	0	0	
mORF_+_114552	114552	114632	+	3	81	ATG	TAA	0	0	
mORF_+_114659	114659	114700	+	2	42	TTG	TGA	0	0	
mORF_+_114672	114672	114695	+	3	24	ATG	TAA	0	0	
mORF_+_114688	114688	114795	+	1	108	TTG	TGA	0	0	
mORF_+_114716	114716	114757	+	2	42	ATG	TAA	0	0	
mORF_+_114738	114738	114776	+	3	39	TTG	TAG	0	0	
mORF_+_114792	114792	114884	+	3	93	TTG	TAA	0	0	
mORF_+_114821	114821	114865	+	2	45	GTG	TGA	0	0	
mORF_+_114892	114892	115152	+	1	261	ATG	TAG	0	0	
mORF_+_114903	114903	114959	+	3	57	TTG	TGA	0	0	
mORF_+_114905	114905	114925	+	2	21	GTG	TAA	0	0	
mORF_+_114956	114956	114967	+	2	12	GTG	TAA	0	0	
mORF_+_115121	115121	115141	+	2	21	GTG	TGA	0	0	
mORF_+_115179	115179	115217	+	3	39	ATG	TAA	0	0	
mORF_+_115187	115187	115204	+	2	18	TTG	TGA	0	0	
mORF_+_115201	115201	115233	+	1	33	ATG	TAA	0	0	
mORF_+_115205	115205	115222	+	2	18	TTG	TGA	0	0	
mORF_+_115252	115252	115266	+	1	15	TTG	TGA	0	0	
mORF_+_115278	115278	115373	+	3	96	TTG	TGA	0	0	
mORF_+_115333	115333	115350	+	1	18	GTG	TGA	0	0	
mORF_+_115390	115390	115530	+	1	141	TTG	TGA	0	0	

mORF_+_115419	115419	115502	+	3	84	GTG	TAA	0	0
mORF_+_115527	115527	115598	+	3	72	TTG	TAG	0	0
mORF_+_115534	115534	115749	+	1	216	ATG	TAA	0	0
mORF_+_115598	115598	115606	+	2	9	GTG	TAA	0	0
mORF_+_115614	115614	115622	+	3	9	TTG	TAG	0	0
mORF_+_115622	115622	115630	+	2	9	GTG	TAA	0	0
mORF_+_115668	115668	115859	+	3	192	TTG	TAG	0	0
mORF_+_115760	115760	115873	+	2	114	GTG	TGA	0	0
mORF_+_115771	115771	115908	+	1	138	TTG	TAA	0	0
mORF_+_115877	115877	115924	+	2	48	ATG	TAA	0	0
mORF_+_115930	115930	116085	+	1	156	GTG	TGA	0	0
mORF_+_115953	115953	116075	+	3	123	GTG	TAA	0	0
mORF_+_115988	115988	116173	+	2	186	TTG	TGA	0	0
mORF_+_116082	116082	116147	+	3	66	ATG	TAG	0	0
mORF_+_116110	116110	116118	+	1	9	TTG	TAA	0	0
mORF_+_116149	116149	116154	+	1	6	GTG	TAG	0	0
mORF_+_116170	116170	116262	+	1	93	GTG	TAA	0	0
mORF_+_116234	116234	116281	+	2	48	ATG	TGA	0	0
mORF_+_116285	116285	116404	+	2	120	GTG	TAA	0	0
mORF_+_116302	116302	116322	+	1	21	ATG	TAG	0	0
mORF_+_116389	116389	116496	+	1	108	TTG	TAA	0	0
mORF_+_116408	116408	116476	+	2	69	GTG	TGA	0	0
mORF_+_116457	116457	116519	+	3	63	GTG	TGA	0	0
mORF_+_116513	116513	116533	+	2	21	GTG	TGA	0	0
mORF_+_116526	116526	116633	+	3	108	GTG	TGA	0	0
mORF_+_116630	116630	116776	+	2	147	GTG	TAG	0	0
mORF_+_116635	116635	116691	+	1	57	TTG	TAA	0	0
mORF_+_116703	116703	116948	+	3	246	ATG	TGA	0	0
mORF_+_116740	116740	116835	+	1	96	ATG	TAA	0	0
mORF_+_116780	116780	116800	+	2	21	TTG	TGA	0	0
mORF_+_116858	116858	116866	+	2	9	TTG	TGA	0	0
mORF_+_116866	116866	116991	+	1	126	ATG	TAG	0	0
mORF_+_116903	116903	116917	+	2	15	GTG	TGA	0	0
mORF_+_116945	116945	117025	+	2	81	GTG	TGA	0	0
mORF_+_116979	116979	117083	+	3	105	ATG	TGA	0	0
mORF_+_116995	116995	117243	+	1	249	ATG	TAG	0	0
mORF_+_117080	117080	117112	+	2	33	GTG	TAG	0	0
mORF_+_117087	117087	117200	+	3	114	GTG	TGA	0	0
mORF_+_117113	117113	117172	+	2	60	TTG	TGA	0	0
mORF_+_117176	117176	117310	+	2	135	TTG	TAG	0	0
mORF_+_117207	117207	117233	+	3	27	TTG	TGA	0	0
mORF_+_117259	117259	117303	+	1	45	TTG	TGA	0	0
mORF_+_117285	117285	117323	+	3	39	TTG	TAG	0	0
mORF_+_117314	117314	117406	+	2	93	GTG	TAA	0	0
mORF_+_117370	117370	117423	+	1	54	ATG	TAG	0	0
mORF_+_117425	117425	117454	+	2	30	ATG	TAG	0	0
mORF_+_117435	117435	117497	+	3	63	GTG	TGA	0	0
mORF_+_117457	117457	117486	+	1	30	TTG	TAA	0	0
mORF_+_117476	117476	117565	+	2	90	ATG	TGA	0	0
mORF_+_117525	117525	117530	+	3	6	GTG	TAA	0	0
mORF_+_117538	117538	117795	+	1	258	TTG	TAG	0	0
mORF_+_117567	117567	117755	+	3	189	TTG	TAG	0	0
mORF_+_117656	117656	117739	+	2	84	TTG	TAA	0	0
mORF_+_117782	117782	117799	+	2	18	TTG	TAG	0	0
mORF_+_117847	117847	117861	+	1	15	GTG	TGA	0	0
mORF_+_117852	117852	118124	+	3	273	TTG	TGA	0	0
mORF_+_118025	118025	118063	+	2	39	GTG	TGA	0	0
mORF_+_118079	118079	118165	+	2	87	ATG	TGA	0	0
mORF_+_118185	118185	118235	+	3	51	TTG	TAG	0	0
mORF_+_118235	118235	118261	+	2	27	GTG	TGA	0	0
mORF_+_118268	118268	118303	+	2	36	TTG	TAA	0	0
mORF_+_118287	118287	118343	+	3	57	GTG	TGA	0	0
mORF_+_118315	118315	118353	+	1	39	ATG	TGA	0	0

mORF+_118340	118340	118498	+	2	159	TTG	TAA	0	0	
mORF+_118344	118344	118409	+	3	66	TTG	TGA	0	0	
mORF+_118434	118434	118478	+	3	45	TTG	TGA	0	0	
mORF+_118504	118504	118512	+	1	9	TTG	TAA	0	0	
mORF+_118518	118518	118631	+	3	114	TTG	TAG	0	0	
mORF+_118644	118644	118676	+	3	33	ATG	TAA	0	0	
mORF+_118686	118686	118697	+	3	12	ATG	TGA	0	0	
mORF+_118733	118733	119284	+	2	552	ATG	TGA	3	20	pORF+_118733
mORF+_118750	118750	118806	+	1	57	GTG	TGA	0	0	
mORF+_118758	118758	118964	+	3	207	TTG	TGA	0	0	
mORF+_118870	118870	118902	+	1	33	GTG	TGA	0	0	
mORF+_118971	118971	118985	+	3	15	GTG	TAG	0	0	
mORF+_118992	118992	119153	+	3	162	ATG	TGA	0	0	
mORF+_119014	119014	119061	+	1	48	ATG	TGA	0	0	
mORF+_119154	119154	119186	+	3	33	TTG	TGA	0	0	
mORF+_119158	119158	119178	+	1	21	TTG	TAA	0	0	
mORF+_119194	119194	119199	+	1	6	TTG	TGA	0	0	
mORF+_119196	119196	119330	+	3	135	GTG	TAA	0	0	
mORF+_119242	119242	120135	+	1	894	TTG	TAA	1	2	pORF+_119242
mORF+_119351	119351	119386	+	2	36	TTG	TGA	0	0	
mORF+_119426	119426	119440	+	2	15	TTG	TGA	0	0	
mORF+_119499	119499	119537	+	3	39	GTG	TAA	0	0	
mORF+_119510	119510	119566	+	2	57	TTG	TGA	0	0	
mORF+_119582	119582	119626	+	2	45	ATG	TGA	0	0	
mORF+_119657	119657	119734	+	2	78	GTG	TGA	0	0	
mORF+_119691	119691	119699	+	3	9	GTG	TAA	0	0	
mORF+_119735	119735	119767	+	2	33	TTG	TGA	0	0	
mORF+_119774	119774	119911	+	2	138	ATG	TGA	0	0	
mORF+_119790	119790	119849	+	3	60	ATG	TGA	0	0	
mORF+_119871	119871	119924	+	3	54	TTG	TGA	0	0	
mORF+_119918	119918	119989	+	2	72	ATG	TAA	0	0	
mORF+_120017	120017	120100	+	2	84	GTG	TGA	0	0	
mORF+_120101	120101	120112	+	2	12	TTG	TGA	0	0	
mORF+_120142	120142	120234	+	1	93	TTG	TAA	0	0	
mORF+_120161	120161	120172	+	2	12	GTG	TAG	0	0	
mORF+_120197	120197	120223	+	2	27	TTG	TAG	0	0	
mORF+_120379	120379	120468	+	1	90	TTG	TAA	0	0	
mORF+_120389	120389	120499	+	2	111	TTG	TAG	0	0	
mORF+_120444	120444	120503	+	3	60	GTG	TAA	0	0	
mORF+_120528	120528	120758	+	3	231	GTG	TAA	0	0	
mORF+_120542	120542	120808	+	2	267	ATG	TAG	0	0	
mORF+_120604	120604	120717	+	1	114	TTG	TAA	0	0	
mORF+_120721	120721	120780	+	1	60	GTG	TGA	0	0	
mORF+_120777	120777	120830	+	3	54	GTG	TAA	0	0	
mORF+_120818	120818	120826	+	2	9	ATG	TAG	0	0	
mORF+_120840	120840	120887	+	3	48	TTG	TGA	0	0	
mORF+_120856	120856	121029	+	1	174	TTG	TAG	0	0	
mORF+_120884	120884	120979	+	2	96	GTG	TGA	0	0	
mORF+_120989	120989	121198	+	2	210	TTG	TGA	0	0	
mORF+_121199	121199	121258	+	2	60	ATG	TAG	0	0	
mORF+_121309	121309	121455	+	1	147	GTG	TAA	0	0	
mORF+_121364	121364	121399	+	2	36	ATG	TAA	0	0	
mORF+_121495	121495	121521	+	1	27	ATG	TAG	0	0	
mORF+_121531	121531	121629	+	1	99	GTG	TAA	0	0	
mORF+_121550	121550	121603	+	2	54	ATG	TAA	0	0	
mORF+_121560	121560	121580	+	3	21	GTG	TGA	0	0	
mORF+_121596	121596	121730	+	3	135	GTG	TGA	0	0	
mORF+_121631	121631	121762	+	2	132	TTG	TAA	0	0	
mORF+_121723	121723	121797	+	1	75	ATG	TGA	0	0	
mORF+_121787	121787	121792	+	2	6	ATG	TAG	0	0	
mORF+_121794	121794	121814	+	3	21	ATG	TAA	0	0	
mORF+_121815	121815	121823	+	3	9	TTG	TAA	0	0	
mORF+_121835	121835	121870	+	2	36	TTG	TAG	0	0	

mORF_+_121842	121842	121961	+	3	120	GTG	TAA	0	0	
mORF_+_121915	121915	121980	+	1	66	TTG	TGA	0	0	
mORF_+_121955	121955	122029	+	2	75	TTG	TAG	0	0	
mORF_+_121965	121965	122012	+	3	48	GTG	TGA	0	0	
mORF_+_122040	122040	122138	+	3	99	ATG	TGA	0	0	
mORF_+_122059	122059	122856	+	1	798	TTG	TAG	12	52	pORF_+_122059
mORF_+_122072	122072	122080	+	2	9	GTG	TAA	0	0	
mORF_+_122129	122129	122134	+	2	6	ATG	TGA	0	0	
mORF_+_122135	122135	122158	+	2	24	TTG	TGA	0	0	
mORF_+_122222	122222	122494	+	2	273	TTG	TAG	0	0	
mORF_+_122325	122325	122375	+	3	51	ATG	TGA	0	0	
mORF_+_122555	122555	122602	+	2	48	TTG	TAA	0	0	
mORF_+_122604	122604	122690	+	3	87	GTG	TAG	0	0	
mORF_+_122630	122630	122686	+	2	57	ATG	TGA	0	0	
mORF_+_122708	122708	122998	+	2	291	TTG	TAG	0	0	
mORF_+_122856	122856	122894	+	3	39	GTG	TAA	0	0	
mORF_+_122965	122965	123006	+	1	42	ATG	TAA	0	0	
mORF_+_123017	123017	125680	+	2	2664	ATG	TAA	275	3774	pORF_+_123017
mORF_+_123036	123036	123125	+	3	90	ATG	TGA	0	0	
mORF_+_123138	123138	123164	+	3	27	TTG	TAA	0	0	
mORF_+_123213	123213	123293	+	3	81	TTG	TGA	0	0	
mORF_+_123303	123303	123491	+	3	189	GTG	TGA	0	0	
mORF_+_123376	123376	123384	+	1	9	GTG	TAA	0	0	
mORF_+_123534	123534	123566	+	3	33	ATG	TGA	0	0	
mORF_+_123615	123615	123644	+	3	30	TTG	TGA	0	0	
mORF_+_123660	123660	123668	+	3	9	GTG	TGA	0	0	
mORF_+_123705	123705	123887	+	3	183	GTG	TGA	0	0	
mORF_+_123898	123898	123906	+	1	9	GTG	TAG	0	0	
mORF_+_123910	123910	123918	+	1	9	TTG	TGA	0	0	
mORF_+_123915	123915	123950	+	3	36	ATG	TGA	0	0	
mORF_+_123972	123972	124097	+	3	126	TTG	TGA	0	0	
mORF_+_124101	124101	124175	+	3	75	GTG	TAA	0	0	
mORF_+_124179	124179	124256	+	3	78	TTG	TGA	0	0	
mORF_+_124266	124266	124526	+	3	261	GTG	TGA	0	0	
mORF_+_124623	124623	124796	+	3	174	TTG	TGA	0	0	
mORF_+_124744	124744	125034	+	1	291	TTG	TGA	0	0	
mORF_+_124839	124839	124889	+	3	51	TTG	TGA	0	0	
mORF_+_124944	124944	124970	+	3	27	ATG	TGA	0	0	
mORF_+_125016	125016	125096	+	3	81	TTG	TGA	0	0	
mORF_+_125130	125130	125273	+	3	144	GTG	TAG	0	0	
mORF_+_125316	125316	125393	+	3	78	GTG	TGA	0	0	
mORF_+_125329	125329	125334	+	1	6	TTG	TGA	0	0	
mORF_+_125496	125496	125687	+	3	192	ATG	TAA	0	0	
mORF_+_125695	125695	127587	+	1	1893	ATG	TAA	208	4155	pORF_+_125695
mORF_+_125732	125732	125797	+	2	66	ATG	TGA	0	0	
mORF_+_125876	125876	125905	+	2	30	TTG	TGA	0	0	
mORF_+_125930	125930	126055	+	2	126	GTG	TGA	0	0	
mORF_+_126074	126074	126106	+	2	33	TTG	TGA	0	0	
mORF_+_126152	126152	126166	+	2	15	TTG	TGA	0	0	
mORF_+_126188	126188	126214	+	2	27	GTG	TGA	0	0	
mORF_+_126236	126236	126313	+	2	78	GTG	TGA	0	0	
mORF_+_126341	126341	126358	+	2	18	GTG	TGA	0	0	
mORF_+_126389	126389	126409	+	2	21	TTG	TGA	0	0	
mORF_+_126455	126455	126469	+	2	15	TTG	TGA	0	0	
mORF_+_126488	126488	126502	+	2	15	TTG	TGA	0	0	
mORF_+_126533	126533	126691	+	2	159	TTG	TGA	0	0	
mORF_+_126713	126713	126736	+	2	24	TTG	TGA	0	0	
mORF_+_126806	126806	126943	+	2	138	GTG	TGA	0	0	
mORF_+_126858	126858	126890	+	3	33	GTG	TGA	0	0	
mORF_+_126968	126968	127060	+	2	93	ATG	TGA	0	0	
mORF_+_127073	127073	127087	+	2	15	TTG	TGA	0	0	
mORF_+_127094	127094	127159	+	2	66	TTG	TGA	0	0	
mORF_+_127184	127184	127273	+	2	90	GTG	TGA	0	0	

mORF_+_127295	127295	127309	+	2	15	GTG	TGA	0	0	
mORF_+_127332	127332	127454	+	3	123	TTG	TAA	0	0	
mORF_+_127385	127385	127390	+	2	6	TTG	TGA	0	0	
mORF_+_127448	127448	127474	+	2	27	ATG	TGA	0	0	
mORF_+_127517	127517	127582	+	2	66	GTG	TGA	0	0	
mORF_+_127631	127631	127696	+	2	66	ATG	TAA	0	0	
mORF_+_127635	127635	127643	+	3	9	ATG	TGA	0	0	
mORF_+_127669	127669	127686	+	1	18	TTG	TAA	0	0	
mORF_+_127690	127690	127707	+	1	18	TTG	TAA	0	0	
mORF_+_127732	127732	127788	+	1	57	GTG	TAG	0	0	
mORF_+_127763	127763	127819	+	2	57	ATG	TAA	0	0	
mORF_+_127824	127824	127844	+	3	21	GTG	TGA	0	0	
mORF_+_127841	127841	127882	+	2	42	GTG	TGA	0	0	
mORF_+_127879	127879	129336	+	1	1458	ATG	TAA	152	4367	pORF_+_127879
mORF_+_127946	127946	127996	+	2	51	TTG	TAG	0	0	
mORF_+_127983	127983	127991	+	3	9	TTG	TGA	0	0	
mORF_+_128033	128033	128050	+	2	18	TTG	TGA	0	0	
mORF_+_128043	128043	128072	+	3	30	TTG	TAA	0	0	
mORF_+_128207	128207	128317	+	2	111	GTG	TGA	0	0	
mORF_+_128339	128339	128425	+	2	87	TTG	TGA	0	0	
mORF_+_128456	128456	128608	+	2	153	GTG	TGA	0	0	
mORF_+_128633	128633	128662	+	2	30	TTG	TGA	0	0	
mORF_+_128723	128723	128998	+	2	276	TTG	TGA	0	0	
mORF_+_128985	128985	129002	+	3	18	ATG	TGA	0	0	
mORF_+_129032	129032	129100	+	2	69	ATG	TGA	0	0	
mORF_+_129051	129051	129161	+	3	111	GTG	TAA	0	0	
mORF_+_129131	129131	129136	+	2	6	GTG	TGA	0	0	
mORF_+_129140	129140	129232	+	2	93	GTG	TGA	0	0	
mORF_+_129207	129207	129212	+	3	6	TTG	TGA	0	0	
mORF_+_129345	129345	129527	+	3	183	TTG	TGA	0	0	
mORF_+_129424	129424	129483	+	1	60	TTG	TGA	0	0	
mORF_+_129464	129464	129505	+	2	42	TTG	TAG	0	0	
mORF_+_129509	129509	129562	+	2	54	TTG	TGA	0	0	
mORF_+_129511	129511	129636	+	1	126	GTG	TAA	0	0	
mORF_+_129569	129569	129658	+	2	90	TTG	TGA	0	0	
mORF_+_129655	129655	129714	+	1	60	GTG	TAG	0	0	
mORF_+_129765	129765	129860	+	3	96	ATG	TGA	0	0	
mORF_+_129884	129884	130078	+	2	195	TTG	TAA	0	0	
mORF_+_129898	129898	129915	+	1	18	GTG	TGA	0	0	
mORF_+_129967	129967	129999	+	1	33	GTG	TAA	0	0	
mORF_+_129999	129999	130028	+	3	30	ATG	TGA	0	0	
mORF_+_130006	130006	130104	+	1	99	GTG	TGA	0	0	
mORF_+_130079	130079	130372	+	2	294	TTG	TAG	0	0	
mORF_+_130083	130083	130115	+	3	33	GTG	TGA	0	0	
mORF_+_130126	130126	130203	+	1	78	TTG	TAA	0	0	
mORF_+_130173	130173	130289	+	3	117	TTG	TGA	0	0	
mORF_+_130317	130317	130325	+	3	9	TTG	TGA	0	0	
mORF_+_130359	130359	130403	+	3	45	ATG	TAG	0	0	
mORF_+_130372	130372	130386	+	1	15	GTG	TAG	0	0	
mORF_+_130447	130447	130560	+	1	114	GTG	TGA	0	0	
mORF_+_130479	130479	130496	+	3	18	TTG	TAA	0	0	
mORF_+_130509	130509	130514	+	3	6	TTG	TAG	0	0	
mORF_+_130515	130515	130526	+	3	12	TTG	TAG	0	0	
mORF_+_130539	130539	130886	+	3	348	TTG	TGA	0	0	
mORF_+_130564	130564	130581	+	1	18	TTG	TAA	0	0	
mORF_+_130612	130612	130620	+	1	9	ATG	TGA	0	0	
mORF_+_130624	130624	130632	+	1	9	GTG	TGA	0	0	
mORF_+_130663	130663	130671	+	1	9	TTG	TAA	0	0	
mORF_+_130687	130687	130851	+	1	165	TTG	TAA	0	0	
mORF_+_130709	130709	130846	+	2	138	TTG	TGA	0	0	
mORF_+_130901	130901	130963	+	2	63	TTG	TGA	0	0	
mORF_+_130909	130909	131043	+	1	135	GTG	TGA	0	0	
mORF_+_131021	131021	131182	+	2	162	TTG	TAG	0	0	

mORF+_131037	131037	131318	+	3	282	GTG	TGA	0	0	
mORF+_131044	131044	131055	+	1	12	ATG	TGA	0	0	
mORF+_131065	131065	131103	+	1	39	GTG	TAA	0	0	
mORF+_131131	131131	131190	+	1	60	GTG	TAG	0	0	
mORF+_131231	131231	131341	+	2	111	ATG	TAG	0	0	
mORF+_131350	131350	131373	+	1	24	TTG	TGA	0	0	
mORF+_131360	131360	131401	+	2	42	TTG	TAA	0	0	
mORF+_131370	131370	131432	+	3	63	TTG	TAG	0	0	
mORF+_131462	131462	134212	+	2	2751	ATG	TAA	230	7054	pORF+_131462
mORF+_131473	131473	131478	+	1	6	TTG	TAA	0	0	
mORF+_131518	131518	131634	+	1	117	TTG	TAA	0	0	
mORF+_131649	131649	131708	+	3	60	GTG	TAG	0	0	
mORF+_131769	131769	131858	+	3	90	GTG	TGA	0	0	
mORF+_131898	131898	131921	+	3	24	GTG	TGA	0	0	
mORF+_131934	131934	131987	+	3	54	ATG	TGA	0	0	
mORF+_132003	132003	132011	+	3	9	ATG	TAG	0	0	
mORF+_132039	132039	132086	+	3	48	ATG	TGA	0	0	
mORF+_132076	132076	132105	+	1	30	ATG	TGA	0	0	
mORF+_132153	132153	132221	+	3	69	ATG	TGA	0	0	
mORF+_132178	132178	132234	+	1	57	GTG	TGA	0	0	
mORF+_132231	132231	132518	+	3	288	GTG	TGA	0	0	
mORF+_132376	132376	132393	+	1	18	GTG	TGA	0	0	
mORF+_132430	132430	132444	+	1	15	GTG	TAA	0	0	
mORF+_132534	132534	132605	+	3	72	TTG	TGA	0	0	
mORF+_132621	132621	132656	+	3	36	TTG	TGA	0	0	
mORF+_132666	132666	132674	+	3	9	GTG	TGA	0	0	
mORF+_132687	132687	132782	+	3	96	GTG	TAG	0	0	
mORF+_132786	132786	132800	+	3	15	GTG	TGA	0	0	
mORF+_132825	132825	132839	+	3	15	GTG	TGA	0	0	
mORF+_132879	132879	132890	+	3	12	GTG	TGA	0	0	
mORF+_132901	132901	132921	+	1	21	GTG	TGA	0	0	
mORF+_132969	132969	132977	+	3	9	TTG	TGA	0	0	
mORF+_133014	133014	133064	+	3	51	GTG	TGA	0	0	
mORF+_133098	133098	133184	+	3	87	GTG	TAA	0	0	
mORF+_133191	133191	133304	+	3	114	TTG	TGA	0	0	
mORF+_133308	133308	133376	+	3	69	TTG	TGA	0	0	
mORF+_133380	133380	133400	+	3	21	TTG	TAA	0	0	
mORF+_133404	133404	133448	+	3	45	ATG	TGA	0	0	
mORF+_133432	133432	133482	+	1	51	TTG	TAA	0	0	
mORF+_133498	133498	133581	+	1	84	GTG	TGA	0	0	
mORF+_133596	133596	133622	+	3	27	ATG	TGA	0	0	
mORF+_133660	133660	133683	+	1	24	GTG	TGA	0	0	
mORF+_133662	133662	133748	+	3	87	GTG	TGA	0	0	
mORF+_133767	133767	133859	+	3	93	GTG	TGA	0	0	
mORF+_133819	133819	133890	+	1	72	GTG	TAA	0	0	
mORF+_133893	133893	134063	+	3	171	GTG	TGA	0	0	
mORF+_133927	133927	133938	+	1	12	GTG	TAA	0	0	
mORF+_134064	134064	134114	+	3	51	TTG	TAG	0	0	
mORF+_134127	134127	134147	+	3	21	TTG	TGA	0	0	
mORF+_134184	134184	134192	+	3	9	ATG	TGA	0	0	
mORF+_134247	134247	134261	+	3	15	ATG	TGA	0	0	
mORF+_134254	134254	134331	+	1	78	GTG	TAA	0	0	
mORF+_134258	134258	134320	+	2	63	ATG	TAA	0	0	
mORF+_134340	134340	134750	+	3	411	ATG	TAA	4	17	pORF+_134340
mORF+_134348	134348	134452	+	2	105	ATG	TGA	0	0	
mORF+_134359	134359	134427	+	1	69	GTG	TAA	0	0	
mORF+_134449	134449	134484	+	1	36	ATG	TGA	0	0	
mORF+_134503	134503	134535	+	1	33	TTG	TGA	0	0	
mORF+_134569	134569	134604	+	1	36	ATG	TGA	0	0	
mORF+_134582	134582	134596	+	2	15	GTG	TGA	0	0	
mORF+_134638	134638	134658	+	1	21	ATG	TGA	0	0	
mORF+_134687	134687	134698	+	2	12	ATG	TGA	0	0	
mORF+_134695	134695	134754	+	1	60	TTG	TAA	0	0	

mORF_+_134804	134804	134815	+	2	12	TTG	TAA	0	0	
mORF_+_134888	134888	134905	+	2	18	TTG	TAG	0	0	
mORF_+_134893	134893	135201	+	1	309	GTG	TAA	0	0	
mORF_+_134936	134936	134959	+	2	24	TTG	TGA	0	0	
mORF_+_134978	134978	135019	+	2	42	ATG	TGA	0	0	
mORF_+_135062	135062	135091	+	2	30	ATG	TAA	0	0	
mORF_+_135095	135095	135133	+	2	39	ATG	TAA	0	0	
mORF_+_135214	135214	135426	+	1	213	ATG	TGA	0	0	
mORF_+_135282	135282	135311	+	3	30	GTG	TGA	0	0	
mORF_+_135302	135302	135373	+	2	72	TTG	TAA	0	0	
mORF_+_135363	135363	135392	+	3	30	GTG	TAA	0	0	
mORF_+_135386	135386	135457	+	2	72	ATG	TAG	0	0	
mORF_+_135503	135503	135511	+	2	9	TTG	TAG	0	0	
mORF_+_135542	135542	135601	+	2	60	TTG	TAG	0	0	
mORF_+_135562	135562	135612	+	1	51	ATG	TGA	0	0	
mORF_+_135609	135609	135719	+	3	111	GTG	TAA	0	0	
mORF_+_135625	135625	135642	+	1	18	TTG	TAA	0	0	
mORF_+_135658	135658	135729	+	1	72	ATG	TGA	0	0	
mORF_+_135671	135671	135676	+	2	6	TTG	TAA	0	0	
mORF_+_135726	135726	135776	+	3	51	TTG	TGA	0	0	
mORF_+_135733	135733	135741	+	1	9	ATG	TAA	0	0	
mORF_+_135773	135773	135787	+	2	15	ATG	TAA	0	0	
mORF_+_135832	135832	135876	+	1	45	ATG	TAA	0	0	
mORF_+_135842	135842	135943	+	2	102	TTG	TAA	0	0	
mORF_+_135892	135892	136104	+	1	213	TTG	TAG	0	0	
mORF_+_135894	135894	135956	+	3	63	GTG	TGA	0	0	
mORF_+_135953	135953	136027	+	2	75	GTG	TGA	0	0	
mORF_+_136037	136037	136081	+	2	45	TTG	TAG	0	0	
mORF_+_136097	136097	136111	+	2	15	TTG	TGA	0	0	
mORF_+_136151	136151	136237	+	2	87	GTG	TGA	0	0	
mORF_+_136155	136155	136217	+	3	63	TTG	TAA	0	0	
mORF_+_136171	136171	136251	+	1	81	ATG	TAG	0	0	
mORF_+_136258	136258	136434	+	1	177	ATG	TAG	0	0	
mORF_+_136298	136298	136372	+	2	75	GTG	TGA	0	0	
mORF_+_136338	136338	136358	+	3	21	ATG	TGA	0	0	
mORF_+_136441	136441	136596	+	1	156	ATG	TAA	0	0	
mORF_+_136463	136463	136471	+	2	9	ATG	TGA	0	0	
mORF_+_136523	136523	136582	+	2	60	TTG	TAG	0	0	
mORF_+_136533	136533	136577	+	3	45	ATG	TGA	0	0	
mORF_+_136616	136616	136663	+	2	48	TTG	TAG	0	0	
mORF_+_136685	136685	136702	+	2	18	ATG	TAA	0	0	
mORF_+_136723	136723	136770	+	1	48	TTG	TAA	0	0	
mORF_+_136743	136743	136766	+	3	24	GTG	TAG	0	0	
mORF_+_136863	136863	136904	+	3	42	TTG	TGA	0	0	
mORF_+_136917	136917	136937	+	3	21	TTG	TAA	0	0	
mORF_+_136982	136982	137047	+	2	66	TTG	TGA	0	0	
mORF_+_136996	136996	137010	+	1	15	GTG	TGA	0	0	
mORF_+_137007	137007	137021	+	3	15	TTG	TAA	0	0	
mORF_+_137044	137044	138633	+	1	1590	TTG	TAA	38	433	pORF_+_137044
mORF_+_137093	137093	137104	+	2	12	GTG	TAA	0	0	
mORF_+_137123	137123	137233	+	2	111	GTG	TAA	0	0	
mORF_+_137145	137145	137195	+	3	51	GTG	TGA	0	0	
mORF_+_137237	137237	137317	+	2	81	TTG	TGA	0	0	
mORF_+_137345	137345	137365	+	2	21	TTG	TGA	0	0	
mORF_+_137408	137408	137464	+	2	57	GTG	TGA	0	0	
mORF_+_137474	137474	137566	+	2	93	TTG	TGA	0	0	
mORF_+_137567	137567	137587	+	2	21	TTG	TGA	0	0	
mORF_+_137607	137607	137621	+	3	15	GTG	TGA	0	0	
mORF_+_137618	137618	137632	+	2	15	ATG	TGA	0	0	
mORF_+_137669	137669	137689	+	2	21	TTG	TGA	0	0	
mORF_+_137711	137711	137728	+	2	18	TTG	TGA	0	0	
mORF_+_137735	137735	137851	+	2	117	GTG	TGA	0	0	
mORF_+_137769	137769	137801	+	3	33	TTG	TAA	0	0	

mORF_+_137852	137852	137887	+	2	36	TTG	TGA	0	0	
mORF_+_137924	137924	137971	+	2	48	TTG	TGA	0	0	
mORF_+_138002	138002	138031	+	2	30	TTG	TAA	0	0	
mORF_+_138047	138047	138085	+	2	39	TTG	TAA	0	0	
mORF_+_138194	138194	138235	+	2	42	ATG	TGA	0	0	
mORF_+_138299	138299	138334	+	2	36	ATG	TGA	0	0	
mORF_+_138347	138347	138403	+	2	57	TTG	TGA	0	0	
mORF_+_138375	138375	138503	+	3	129	TTG	TAA	0	0	
mORF_+_138455	138455	138508	+	2	54	ATG	TAG	0	0	
mORF_+_138515	138515	138535	+	2	21	ATG	TGA	0	0	
mORF_+_138548	138548	138613	+	2	66	ATG	TGA	0	0	
mORF_+_138653	138653	138682	+	2	30	ATG	TGA	0	0	
mORF_+_138682	138682	138732	+	1	51	ATG	TAG	0	0	
mORF_+_138704	138704	138748	+	2	45	ATG	TGA	0	0	
mORF_+_138735	138735	138800	+	3	66	GTG	TGA	0	0	
mORF_+_138745	138745	138897	+	1	153	TTG	TGA	0	0	
mORF_+_138761	138761	138766	+	2	6	TTG	TAG	0	0	
mORF_+_138797	138797	138862	+	2	66	ATG	TAA	0	0	
mORF_+_138813	138813	138827	+	3	15	TTG	TGA	0	0	
mORF_+_138894	138894	138962	+	3	69	ATG	TAG	0	0	
mORF_+_138901	138901	138981	+	1	81	GTG	TAA	0	0	
mORF_+_139007	139007	139021	+	2	15	TTG	TAA	0	0	
mORF_+_139073	139073	139216	+	2	144	GTG	TAA	0	0	
mORF_+_139080	139080	139112	+	3	33	TTG	TGA	0	0	
mORF_+_139221	139221	139268	+	3	48	ATG	TGA	0	0	
mORF_+_139265	139265	139303	+	2	39	TTG	TGA	0	0	
mORF_+_139296	139296	139511	+	3	216	GTG	TGA	0	0	
mORF_+_139304	139304	139525	+	2	222	ATG	TAG	0	0	
mORF_+_139534	139534	140157	+	1	624	GTG	TGA	0	0	
mORF_+_139568	139568	139639	+	2	72	ATG	TGA	0	0	
mORF_+_139641	139641	139766	+	3	126	TTG	TAA	0	0	
mORF_+_139736	139736	139762	+	2	27	ATG	TAA	0	0	
mORF_+_139790	139790	139846	+	2	57	GTG	TGA	0	0	
mORF_+_139812	139812	139880	+	3	69	GTG	TAG	0	0	
mORF_+_139880	139880	139912	+	2	33	GTG	TAA	0	0	
mORF_+_139926	139926	140033	+	3	108	GTG	TAA	0	0	
mORF_+_139928	139928	139978	+	2	51	GTG	TAG	0	0	
mORF_+_140042	140042	140416	+	2	375	GTG	TGA	0	0	
mORF_+_140061	140061	140117	+	3	57	TTG	TGA	0	0	
mORF_+_140154	140154	140171	+	3	18	TTG	TAA	0	0	
mORF_+_140211	140211	140270	+	3	60	GTG	TGA	0	0	
mORF_+_140260	140260	140778	+	1	519	TTG	TAA	0	0	
mORF_+_140456	140456	140479	+	2	24	TTG	TAA	0	0	
mORF_+_140492	140492	140530	+	2	39	TTG	TGA	0	0	
mORF_+_140549	140549	140695	+	2	147	GTG	TGA	0	0	
mORF_+_140760	140760	140789	+	3	30	GTG	TGA	0	0	
mORF_+_140762	140762	141100	+	2	339	GTG	TAG	0	0	
mORF_+_140844	140844	140885	+	3	42	GTG	TGA	0	0	
mORF_+_141140	141140	141259	+	2	120	ATG	TAG	0	0	
mORF_+_141219	141219	141227	+	3	9	TTG	TAA	0	0	
mORF_+_141284	141284	141334	+	2	51	ATG	TGA	0	0	
mORF_+_141286	141286	141291	+	1	6	GTG	TGA	0	0	
mORF_+_141288	141288	141338	+	3	51	GTG	TAG	0	0	
mORF_+_141331	141331	141402	+	1	72	ATG	TGA	0	0	
mORF_+_141356	141356	141967	+	2	612	GTG	TAA	37	400	pORF_+_141356
mORF_+_141399	141399	141413	+	3	15	GTG	TAA	0	0	
mORF_+_141558	141558	141626	+	3	69	GTG	TGA	0	0	
mORF_+_141586	141586	141594	+	1	9	GTG	TGA	0	0	
mORF_+_141663	141663	141671	+	3	9	GTG	TGA	0	0	
mORF_+_141690	141690	141719	+	3	30	ATG	TGA	0	0	
mORF_+_141720	141720	141776	+	3	57	TTG	TAA	0	0	
mORF_+_141805	141805	141822	+	1	18	TTG	TAA	0	0	
mORF_+_141834	141834	141842	+	3	9	GTG	TGA	0	0	

mORF_+_141879	141879	141950	+	3	72	ATG	TGA	0	0	
mORF_+_141968	141968	141973	+	2	6	GTG	TGA	0	0	
mORF_+_141970	141970	142053	+	1	84	GTG	TGA	0	0	
mORF_+_141983	141983	142036	+	2	54	ATG	TGA	0	0	
mORF_+_141999	141999	142175	+	3	177	ATG	TGA	0	0	
mORF_+_142081	142081	142122	+	1	42	TTG	TGA	0	0	
mORF_+_142123	142123	142131	+	1	9	ATG	TAG	0	0	
mORF_+_142144	142144	142377	+	1	234	ATG	TAG	0	0	
mORF_+_142176	142176	142277	+	3	102	TTG	TGA	0	0	
mORF_+_142274	142274	142288	+	2	15	ATG	TGA	0	0	
mORF_+_142281	142281	142517	+	3	237	ATG	TAA	0	0	
mORF_+_142393	142393	142428	+	1	36	ATG	TGA	0	0	
mORF_+_142453	142453	142458	+	1	6	GTG	TGA	0	0	
mORF_+_142459	142459	142485	+	1	27	ATG	TGA	0	0	
mORF_+_142572	142572	142628	+	3	57	TTG	TGA	0	0	
mORF_+_142580	142580	142648	+	2	69	GTG	TGA	0	0	
mORF_+_142639	142639	142689	+	1	51	TTG	TAA	0	0	
mORF_+_142652	142652	142711	+	2	60	GTG	TAA	0	0	
mORF_+_142704	142704	142748	+	3	45	TTG	TAA	0	0	
mORF_+_142750	142750	142755	+	1	6	GTG	TAA	0	0	
mORF_+_142779	142779	143705	+	3	927	ATG	TGA	14	34	pORF_+_142779
mORF_+_142786	142786	142851	+	1	66	TTG	TAG	0	0	
mORF_+_142870	142870	142944	+	1	75	GTG	TAA	0	0	
mORF_+_142972	142972	143001	+	1	30	TTG	TGA	0	0	
mORF_+_143053	143053	143079	+	1	27	TTG	TGA	0	0	
mORF_+_143156	143156	143239	+	2	84	ATG	TGA	0	0	
mORF_+_143176	143176	143202	+	1	27	GTG	TGA	0	0	
mORF_+_143218	143218	143232	+	1	15	TTG	TAA	0	0	
mORF_+_143236	143236	143253	+	1	18	ATG	TGA	0	0	
mORF_+_143284	143284	143316	+	1	33	TTG	TGA	0	0	
mORF_+_143303	143303	143416	+	2	114	GTG	TGA	0	0	
mORF_+_143413	143413	143439	+	1	27	GTG	TGA	0	0	
mORF_+_143515	143515	143604	+	1	90	ATG	TAA	0	0	
mORF_+_143605	143605	143628	+	1	24	GTG	TAA	0	0	
mORF_+_143665	143665	143832	+	1	168	TTG	TAA	0	0	
mORF_+_143702	143702	144472	+	2	771	ATG	TAA	0	0	
mORF_+_143838	143838	143900	+	3	63	TTG	TGA	0	0	
mORF_+_143922	143922	143993	+	3	72	ATG	TAG	0	0	
mORF_+_144018	144018	144074	+	3	57	TTG	TGA	0	0	
mORF_+_144093	144093	144134	+	3	42	TTG	TAA	0	0	
mORF_+_144115	144115	144207	+	1	93	GTG	TGA	0	0	
mORF_+_144165	144165	144179	+	3	15	TTG	TGA	0	0	
mORF_+_144183	144183	144236	+	3	54	GTG	TAA	0	0	
mORF_+_144336	144336	144428	+	3	93	GTG	TGA	0	0	
mORF_+_144433	144433	144468	+	1	36	TTG	TAG	0	0	
mORF_+_144450	144450	144554	+	3	105	GTG	TGA	0	0	
mORF_+_144511	144511	144549	+	1	39	TTG	TAG	0	0	
mORF_+_144577	144577	145017	+	1	441	ATG	TAA	0	0	
mORF_+_144585	144585	144608	+	3	24	TTG	TGA	0	0	
mORF_+_144605	144605	144676	+	2	72	ATG	TGA	0	0	
mORF_+_144663	144663	144701	+	3	39	GTG	TAA	0	0	
mORF_+_144720	144720	144737	+	3	18	GTG	TGA	0	0	
mORF_+_144725	144725	144769	+	2	45	ATG	TAA	0	0	
mORF_+_144831	144831	144869	+	3	39	TTG	TGA	0	0	
mORF_+_144848	144848	144865	+	2	18	GTG	TAA	0	0	
mORF_+_144866	144866	144877	+	2	12	TTG	TGA	0	0	
mORF_+_144882	144882	144890	+	3	9	TTG	TGA	0	0	
mORF_+_144887	144887	144898	+	2	12	GTG	TGA	0	0	
mORF_+_144923	144923	144949	+	2	27	TTG	TGA	0	0	
mORF_+_144957	144957	145001	+	3	45	TTG	TAA	0	0	
mORF_+_145007	145007	145030	+	2	24	ATG	TGA	0	0	
mORF_+_145030	145030	145050	+	1	21	ATG	TAA	0	0	
mORF_+_145056	145056	145199	+	3	144	TTG	TGA	0	0	

mORF_+_145081	145081	146310	+	1	1230	ATG	TAA	0	0
mORF_+_145127	145127	145210	+	2	84	GTG	TGA	0	0
mORF_+_145241	145241	145381	+	2	141	TTG	TGA	0	0
mORF_+_145433	145433	145498	+	2	66	GTG	TGA	0	0
mORF_+_145535	145535	145600	+	2	66	TTG	TAA	0	0
mORF_+_145700	145700	145723	+	2	24	GTG	TGA	0	0
mORF_+_145793	145793	145816	+	2	24	TTG	TGA	0	0
mORF_+_145823	145823	145840	+	2	18	ATG	TGA	0	0
mORF_+_145847	145847	145855	+	2	9	ATG	TGA	0	0
mORF_+_145871	145871	145933	+	2	63	TTG	TGA	0	0
mORF_+_145905	145905	145943	+	3	39	GTG	TGA	0	0
mORF_+_145961	145961	146005	+	2	45	ATG	TAG	0	0
mORF_+_146006	146006	146032	+	2	27	ATG	TGA	0	0
mORF_+_146039	146039	146152	+	2	114	GTG	TGA	0	0
mORF_+_146165	146165	146188	+	2	24	ATG	TGA	0	0
mORF_+_146360	146360	146377	+	2	18	TTG	TAG	0	0
mORF_+_146384	146384	146524	+	2	141	TTG	TAA	0	0
mORF_+_146464	146464	146856	+	1	393	GTG	TAA	0	0
mORF_+_146525	146525	146632	+	2	108	GTG	TAG	0	0
mORF_+_146669	146669	146722	+	2	54	TTG	TAA	0	0
mORF_+_146765	146765	146875	+	2	111	TTG	TGA	0	0
mORF_+_146805	146805	146864	+	3	60	TTG	TGA	0	0
mORF_+_146901	146901	146924	+	3	24	GTG	TGA	0	0
mORF_+_146921	146921	147019	+	2	99	TTG	TAA	0	0
mORF_+_146968	146968	147870	+	1	903	ATG	TAA	0	0
mORF_+_147023	147023	147106	+	2	84	ATG	TAG	0	0
mORF_+_147081	147081	147086	+	3	6	TTG	TGA	0	0
mORF_+_147122	147122	147136	+	2	15	TTG	TGA	0	0
mORF_+_147197	147197	147205	+	2	9	ATG	TGA	0	0
mORF_+_147206	147206	147250	+	2	45	TTG	TGA	0	0
mORF_+_147366	147366	147377	+	3	12	GTG	TGA	0	0
mORF_+_147374	147374	147529	+	2	156	TTG	TAA	0	0
mORF_+_147539	147539	147559	+	2	21	TTG	TGA	0	0
mORF_+_147593	147593	147661	+	2	69	TTG	TGA	0	0
mORF_+_147705	147705	147713	+	3	9	GTG	TGA	0	0
mORF_+_147710	147710	147760	+	2	51	TTG	TAA	0	0
mORF_+_147812	147812	147856	+	2	45	TTG	TAA	0	0
mORF_+_147878	147878	147886	+	2	9	GTG	TGA	0	0
mORF_+_147883	147883	147903	+	1	21	ATG	TAA	0	0
mORF_+_147890	147890	147940	+	2	51	ATG	TAA	0	0
mORF_+_147963	147963	148067	+	3	105	TTG	TGA	0	0
mORF_+_148045	148045	148119	+	1	75	ATG	TAA	0	0
mORF_+_148103	148103	148174	+	2	72	TTG	TAA	0	0
mORF_+_148113	148113	148223	+	3	111	ATG	TAA	0	0
mORF_+_148205	148205	148240	+	2	36	TTG	TAG	0	0
mORF_+_148254	148254	148337	+	3	84	TTG	TGA	0	0
mORF_+_148267	148267	148383	+	1	117	TTG	TGA	0	0
mORF_+_148331	148331	148531	+	2	201	TTG	TAA	0	0
mORF_+_148362	148362	148475	+	3	114	ATG	TAA	0	0
mORF_+_148476	148476	148502	+	3	27	GTG	TAG	0	0
mORF_+_148545	148545	148586	+	3	42	TTG	TAA	0	0
mORF_+_148579	148579	148626	+	1	48	GTG	TAA	0	0
mORF_+_148662	148662	148763	+	3	102	TTG	TGA	0	0
mORF_+_148685	148685	148792	+	2	108	ATG	TAA	0	0
mORF_+_148799	148799	148810	+	2	12	GTG	TAA	0	0
mORF_+_148810	148810	149094	+	1	285	ATG	TAA	0	0
mORF_+_148883	148883	148930	+	2	48	ATG	TGA	0	0
mORF_+_148979	148979	149119	+	2	141	GTG	TGA	0	0
mORF_+_149019	149019	149030	+	3	12	GTG	TAA	0	0
mORF_+_149037	149037	149111	+	3	75	TTG	TGA	0	0
mORF_+_149116	149116	149175	+	1	60	TTG	TGA	0	0
mORF_+_149150	149150	149155	+	2	6	TTG	TAG	0	0
mORF_+_149178	149178	149270	+	3	93	GTG	TGA	0	0

mORF_+_149194	149194	149580	+	1	387	GTG	TAA	0	0
mORF_+_149267	149267	149404	+	2	138	TTG	TAG	0	0
mORF_+_149298	149298	149342	+	3	45	TTG	TAA	0	0
mORF_+_149370	149370	149423	+	3	54	TTG	TAA	0	0
mORF_+_149432	149432	149449	+	2	18	GTG	TGA	0	0
mORF_+_149456	149456	149524	+	2	69	ATG	TAG	0	0
mORF_+_149534	149534	149668	+	2	135	GTG	TGA	0	0
mORF_+_149626	149626	149679	+	1	54	GTG	TAG	0	0
mORF_+_149695	149695	149724	+	1	30	GTG	TAG	0	0
mORF_+_149743	149743	149808	+	1	66	GTG	TGA	0	0
mORF_+_149784	149784	149792	+	3	9	TTG	TAA	0	0
mORF_+_149792	149792	149839	+	2	48	ATG	TAG	0	0
mORF_+_149805	149805	149819	+	3	15	ATG	TGA	0	0
mORF_+_149821	149821	149835	+	1	15	GTG	TGA	0	0
mORF_+_149832	149832	149912	+	3	81	TTG	TAA	0	0
mORF_+_149857	149857	149877	+	1	21	GTG	TAA	0	0
mORF_+_149912	149912	149953	+	2	42	ATG	TGA	0	0
mORF_+_149950	149950	150018	+	1	69	ATG	TGA	0	0
mORF_+_150006	150006	150104	+	3	99	TTG	TGA	0	0
mORF_+_150008	150008	150037	+	2	30	GTG	TGA	0	0
mORF_+_150034	150034	150078	+	1	45	GTG	TGA	0	0
mORF_+_150044	150044	150118	+	2	75	TTG	TAA	0	0
mORF_+_150119	150119	150148	+	2	30	TTG	TAA	0	0
mORF_+_150152	150152	150163	+	2	12	TTG	TGA	0	0
mORF_+_150160	150160	150240	+	1	81	TTG	TAA	0	0
mORF_+_150167	150167	150178	+	2	12	ATG	TAA	0	0
mORF_+_150194	150194	150214	+	2	21	ATG	TGA	0	0
mORF_+_150224	150224	150229	+	2	6	GTG	TGA	0	0
mORF_+_150241	150241	150255	+	1	15	ATG	TGA	0	0
mORF_+_150243	150243	150308	+	3	66	GTG	TGA	0	0
mORF_+_150266	150266	150289	+	2	24	TTG	TAA	0	0
mORF_+_150305	150305	150337	+	2	33	TTG	TAA	0	0
mORF_+_150327	150327	150452	+	3	126	TTG	TAG	0	0
mORF_+_150338	150338	150343	+	2	6	GTG	TAG	0	0
mORF_+_150379	150379	150420	+	1	42	ATG	TAG	0	0
mORF_+_150430	150430	150507	+	1	78	TTG	TAG	0	0
mORF_+_150483	150483	150560	+	3	78	TTG	TGA	0	0
mORF_+_150523	150523	150576	+	1	54	ATG	TAA	0	0
mORF_+_150533	150533	150601	+	2	69	TTG	TAA	0	0
mORF_+_150609	150609	150632	+	3	24	ATG	TGA	0	0
mORF_+_150640	150640	150696	+	1	57	ATG	TAA	0	0
mORF_+_150659	150659	150811	+	2	153	TTG	TAA	0	0
mORF_+_150766	150766	150777	+	1	12	GTG	TAA	0	0
mORF_+_150787	150787	150807	+	1	21	TTG	TAA	0	0
mORF_+_150821	150821	150877	+	2	57	GTG	TAA	0	0
mORF_+_150829	150829	150846	+	1	18	GTG	TAG	0	0
mORF_+_150881	150881	150895	+	2	15	TTG	TGA	0	0
mORF_+_150917	150917	150940	+	2	24	GTG	TGA	0	0
mORF_+_150931	150931	151026	+	1	96	ATG	TAA	0	0
mORF_+_150975	150975	151040	+	3	66	TTG	TAA	0	0
mORF_+_150980	150980	151012	+	2	33	ATG	TAG	0	0
mORF_+_151030	151030	151107	+	1	78	ATG	TGA	0	0
mORF_+_151050	151050	151055	+	3	6	ATG	TAA	0	0
mORF_+_151062	151062	151094	+	3	33	ATG	TAA	0	0
mORF_+_151088	151088	151138	+	2	51	GTG	TAA	0	0
mORF_+_151104	151104	151166	+	3	63	ATG	TAA	0	0
mORF_+_151172	151172	151195	+	2	24	TTG	TGA	0	0
mORF_+_151176	151176	151199	+	3	24	ATG	TAG	0	0
mORF_+_151224	151224	151247	+	3	24	TTG	TAG	0	0
mORF_+_151255	151255	151308	+	1	54	TTG	TAA	0	0
mORF_+_151274	151274	151312	+	2	39	ATG	TGA	0	0
mORF_+_151338	151338	151358	+	3	21	ATG	TGA	0	0
mORF_+_151355	151355	151384	+	2	30	GTG	TGA	0	0

mORF_+_151381	151381	151410	+	1	30	TTG	TGA	0	0
mORF_+_151469	151469	151588	+	2	120	TTG	TGA	0	0
mORF_+_151548	151548	151775	+	3	228	ATG	TGA	0	0
mORF_+_151585	151585	151605	+	1	21	TTG	TAG	0	0
mORF_+_151589	151589	151612	+	2	24	GTG	TGA	0	0
mORF_+_151646	151646	151678	+	2	33	ATG	TGA	0	0
mORF_+_151648	151648	151731	+	1	84	GTG	TAA	0	0
mORF_+_151715	151715	151795	+	2	81	GTG	TAA	0	0
mORF_+_151744	151744	152067	+	1	324	TTG	TGA	0	0
mORF_+_151797	151797	151937	+	3	141	TTG	TAA	0	0
mORF_+_151799	151799	151906	+	2	108	GTG	TAG	0	0
mORF_+_151919	151919	151981	+	2	63	ATG	TGA	0	0
mORF_+_151944	151944	152084	+	3	141	TTG	TAA	0	0
mORF_+_151994	151994	152020	+	2	27	ATG	TGA	0	0
mORF_+_152084	152084	152089	+	2	6	ATG	TAG	0	0
mORF_+_152144	152144	152167	+	2	24	TTG	TGA	0	0
mORF_+_152171	152171	152221	+	2	51	ATG	TAA	0	0
mORF_+_152222	152222	152233	+	2	12	ATG	TAA	0	0
mORF_+_152246	152246	152320	+	2	75	TTG	TAG	0	0
mORF_+_152253	152253	152588	+	3	336	ATG	TGA	0	0
mORF_+_152272	152272	152394	+	1	123	GTG	TAG	0	0
mORF_+_152452	152452	152487	+	1	36	TTG	TAA	0	0
mORF_+_152497	152497	152544	+	1	48	GTG	TGA	0	0
mORF_+_152641	152641	152670	+	1	30	ATG	TGA	0	0
mORF_+_152643	152643	152648	+	3	6	GTG	TAG	0	0
mORF_+_152655	152655	152816	+	3	162	TTG	TGA	0	0
mORF_+_152686	152686	152691	+	1	6	GTG	TGA	0	0
mORF_+_152701	152701	152712	+	1	12	TTG	TGA	0	0
mORF_+_152743	152743	152835	+	1	93	TTG	TGA	0	0
mORF_+_152792	152792	152863	+	2	72	ATG	TAA	0	0
mORF_+_152823	152823	152828	+	3	6	TTG	TAG	0	0
mORF_+_152868	152868	153095	+	3	228	TTG	TGA	0	0
mORF_+_152870	152870	152947	+	2	78	GTG	TAA	0	0
mORF_+_152947	152947	153036	+	1	90	ATG	TAA	0	0
mORF_+_152984	152984	153016	+	2	33	ATG	TGA	0	0
mORF_+_153050	153050	153079	+	2	30	ATG	TGA	0	0
mORF_+_153076	153076	153141	+	1	66	GTG	TGA	0	0
mORF_+_153096	153096	153134	+	3	39	TTG	TGA	0	0
mORF_+_153196	153196	153225	+	1	30	TTG	TGA	0	0
mORF_+_153222	153222	153446	+	3	225	ATG	TGA	0	0
mORF_+_153244	153244	153255	+	1	12	GTG	TAA	0	0
mORF_+_153277	153277	153285	+	1	9	TTG	TAA	0	0
mORF_+_153329	153329	153346	+	2	18	GTG	TAA	0	0
mORF_+_153400	153400	153417	+	1	18	GTG	TGA	0	0
mORF_+_153434	153434	153553	+	2	120	TTG	TGA	0	0
mORF_+_153508	153508	153531	+	1	24	TTG	TAG	0	0
mORF_+_153589	153589	153627	+	1	39	TTG	TGA	0	0
mORF_+_153594	153594	153650	+	3	57	TTG	TGA	0	0
mORF_+_153657	153657	153674	+	3	18	TTG	TAA	0	0
mORF_+_153664	153664	153705	+	1	42	GTG	TAA	0	0
mORF_+_153683	153683	153694	+	2	12	TTG	TGA	0	0
mORF_+_153718	153718	153762	+	1	45	GTG	TAG	0	0
mORF_+_153737	153737	153754	+	2	18	ATG	TGA	0	0
mORF_+_153773	153773	153796	+	2	24	ATG	TAG	0	0
mORF_+_153802	153802	153831	+	1	30	TTG	TAA	0	0
mORF_+_153813	153813	153860	+	3	48	TTG	TGA	0	0
mORF_+_153857	153857	153898	+	2	42	ATG	TAA	0	0
mORF_+_153891	153891	153929	+	3	39	TTG	TGA	0	0
mORF_+_153922	153922	153933	+	1	12	ATG	TAA	0	0
mORF_+_153926	153926	154006	+	2	81	GTG	TAA	0	0
mORF_+_153940	153940	154017	+	1	78	ATG	TAA	0	0
mORF_+_153960	153960	153989	+	3	30	TTG	TAG	0	0
mORF_+_154022	154022	154294	+	2	273	GTG	TAG	0	0

mORF_+_154078	154078	154098	+	1	21	TTG	TAA	0	0
mORF_+_154101	154101	154175	+	3	75	TTG	TGA	0	0
mORF_+_154138	154138	154146	+	1	9	TTG	TGA	0	0
mORF_+_154281	154281	154289	+	3	9	TTG	TAA	0	0
mORF_+_154368	154368	154382	+	3	15	TTG	TGA	0	0
mORF_+_154379	154379	154432	+	2	54	ATG	TAA	0	0
mORF_+_154389	154389	154409	+	3	21	TTG	TGA	0	0
mORF_+_154426	154426	154509	+	1	84	ATG	TAA	0	0
mORF_+_154524	154524	154589	+	3	66	TTG	TAA	0	0
mORF_+_154534	154534	154566	+	1	33	GTG	TGA	0	0
mORF_+_154567	154567	154671	+	1	105	ATG	TAA	0	0
mORF_+_154684	154684	154692	+	1	9	ATG	TGA	0	0
mORF_+_154689	154689	154805	+	3	117	TTG	TAA	0	0
mORF_+_154768	154768	154773	+	1	6	TTG	TAG	0	0
mORF_+_154774	154774	154833	+	1	60	TTG	TAA	0	0
mORF_+_154796	154796	154822	+	2	27	ATG	TAA	0	0
mORF_+_154823	154823	154879	+	2	57	ATG	TGA	0	0
mORF_+_154834	154834	154869	+	1	36	ATG	TGA	0	0
mORF_+_154866	154866	154889	+	3	24	ATG	TGA	0	0
mORF_+_154876	154876	154938	+	1	63	TTG	TAG	0	0
mORF_+_154886	154886	154906	+	2	21	ATG	TAA	0	0
mORF_+_154925	154925	154999	+	2	75	ATG	TAA	0	0
mORF_+_154941	154941	155129	+	3	189	TTG	TAA	0	0
mORF_+_155041	155041	155118	+	1	78	TTG	TGA	0	0
mORF_+_155138	155138	155143	+	2	6	ATG	TGA	0	0
mORF_+_155140	155140	155223	+	1	84	GTG	TAA	0	0
mORF_+_155174	155174	155188	+	2	15	TTG	TAA	0	0
mORF_+_155193	155193	155504	+	3	312	TTG	TAA	0	0
mORF_+_155204	155204	155230	+	2	27	TTG	TGA	0	0
mORF_+_155291	155291	155344	+	2	54	ATG	TGA	0	0
mORF_+_155353	155353	155397	+	1	45	TTG	TGA	0	0
mORF_+_155453	155453	155512	+	2	60	TTG	TAA	0	0
mORF_+_155515	155515	155628	+	1	114	ATG	TAA	0	0
mORF_+_155523	155523	155546	+	3	24	TTG	TAA	0	0
mORF_+_155537	155537	155608	+	2	72	TTG	TAG	0	0
mORF_+_155577	155577	155621	+	3	45	ATG	TAG	0	0
mORF_+_155661	155661	155861	+	3	201	TTG	TAA	0	0
mORF_+_155666	155666	155767	+	2	102	TTG	TAG	0	0
mORF_+_155783	155783	155812	+	2	30	GTG	TGA	0	0
mORF_+_155797	155797	155895	+	1	99	TTG	TGA	0	0
mORF_+_155892	155892	155921	+	3	30	GTG	TGA	0	0
mORF_+_155897	155897	156085	+	2	189	GTG	TGA	0	0
mORF_+_155922	155922	155966	+	3	45	TTG	TAG	0	0
mORF_+_155926	155926	156021	+	1	96	TTG	TAA	0	0
mORF_+_156082	156082	156141	+	1	60	TTG	TGA	0	0
mORF_+_156116	156116	156214	+	2	99	ATG	TGA	0	0
mORF_+_156138	156138	156146	+	3	9	ATG	TAA	0	0
mORF_+_156177	156177	156194	+	3	18	TTG	TAA	0	0
mORF_+_156181	156181	156249	+	1	69	ATG	TAG	0	0
mORF_+_156291	156291	156305	+	3	15	GTG	TGA	0	0
mORF_+_156312	156312	156341	+	3	30	ATG	TAA	0	0
mORF_+_156319	156319	156330	+	1	12	ATG	TAG	0	0
mORF_+_156349	156349	156390	+	1	42	TTG	TAA	0	0
mORF_+_156356	156356	156496	+	2	141	TTG	TAG	0	0
mORF_+_156409	156409	156432	+	1	24	TTG	TAG	0	0
mORF_+_156450	156450	156461	+	3	12	TTG	TGA	0	0
mORF_+_156468	156468	156800	+	3	333	TTG	TGA	0	0
mORF_+_156517	156517	156528	+	1	12	ATG	TAA	0	0
mORF_+_156616	156616	156639	+	1	24	TTG	TGA	0	0
mORF_+_156706	156706	156789	+	1	84	TTG	TGA	0	0
mORF_+_156713	156713	156796	+	2	84	TTG	TAA	0	0
mORF_+_156920	156920	156934	+	2	15	ATG	TGA	0	0
mORF_+_156924	156924	156944	+	3	21	TTG	TGA	0	0

mORF+_156931	156931	156969	+	1	39	ATG	TAG	0	0	
mORF+_156941	156941	156976	+	2	36	ATG	TAA	0	0	
mORF+_156963	156963	156986	+	3	24	ATG	TGA	0	0	
mORF+_156976	156976	157053	+	1	78	ATG	TGA	0	0	
mORF+_156983	156983	157072	+	2	90	ATG	TAA	0	0	
mORF+_156990	156990	157022	+	3	33	TTG	TAG	0	0	
mORF+_157050	157050	157115	+	3	66	TTG	TAG	0	0	
mORF+_157102	157102	157134	+	1	33	GTG	TGA	0	0	
mORF+_157119	157119	157193	+	3	75	ATG	TAA	0	0	
mORF+_157206	157206	157247	+	3	42	ATG	TAA	0	0	
mORF+_157213	157213	157251	+	1	39	ATG	TAA	0	0	
mORF+_157260	157260	157298	+	3	39	TTG	TGA	0	0	
mORF+_157276	157276	157362	+	1	87	ATG	TAA	0	0	
mORF+_157286	157286	157291	+	2	6	ATG	TAA	0	0	
mORF+_157295	157295	157525	+	2	231	TTG	TAG	0	0	
mORF+_157434	157434	157517	+	3	84	ATG	TGA	0	0	
mORF+_157456	157456	157521	+	1	66	GTG	TGA	0	0	
mORF+_157518	157518	157574	+	3	57	TTG	TAA	0	0	
mORF+_157534	157534	157629	+	1	96	GTG	TAA	0	0	
mORF+_157580	157580	157657	+	2	78	TTG	TAA	0	0	
mORF+_157605	157605	157613	+	3	9	GTG	TAA	0	0	
mORF+_157632	157632	157814	+	3	183	ATG	TGA	0	0	
mORF+_157657	157657	157677	+	1	21	ATG	TGA	0	0	
mORF+_157760	157760	157927	+	2	168	TTG	TAA	0	0	
mORF+_157825	157825	158022	+	1	198	TTG	TAA	0	0	
mORF+_157833	157833	157943	+	3	111	GTG	TAG	0	0	
mORF+_157962	157962	158246	+	3	285	ATG	TGA	0	0	
mORF+_158101	158101	158367	+	1	267	GTG	TAG	0	0	
mORF+_158165	158165	158284	+	2	120	ATG	TAG	0	0	
mORF+_158291	158291	158320	+	2	30	ATG	TGA	0	0	
mORF+_158394	158394	158423	+	3	30	GTG	TAG	0	0	
mORF+_158459	158459	158524	+	2	66	ATG	TAG	0	0	
mORF+_158576	158576	158590	+	2	15	ATG	TAA	0	0	
mORF+_158630	158630	158800	+	2	171	TTG	TGA	0	0	
mORF+_158704	158704	158910	+	1	207	TTG	TAA	0	0	
mORF+_158846	158846	159178	+	2	333	TTG	TAA	0	0	
mORF+_159016	159016	159090	+	1	75	ATG	TAG	0	0	
mORF+_159045	159045	159110	+	3	66	GTG	TAG	0	0	
mORF+_159141	159141	159194	+	3	54	GTG	TGA	0	0	
mORF+_159191	159191	159244	+	2	54	ATG	TAA	0	0	
mORF+_159256	159256	159270	+	1	15	TTG	TGA	0	0	
mORF+_159276	159276	159344	+	3	69	TTG	TAG	0	0	
mORF+_159302	159302	159403	+	2	102	GTG	TAG	0	0	
mORF+_159381	159381	159794	+	3	414	ATG	TAG	0	0	
mORF+_159391	159391	159435	+	1	45	TTG	TGA	0	0	
mORF+_159410	159410	159418	+	2	9	GTG	TAA	0	0	
mORF+_159436	159436	159441	+	1	6	ATG	TAA	0	0	
mORF+_159491	159491	159529	+	2	39	TTG	TAA	0	0	
mORF+_159565	159565	159570	+	1	6	TTG	TAG	0	0	
mORF+_159595	159595	159633	+	1	39	ATG	TGA	0	0	
mORF+_159611	159611	159637	+	2	27	GTG	TAA	0	0	
mORF+_159637	159637	159714	+	1	78	ATG	TGA	0	0	
mORF+_159751	159751	159759	+	1	9	ATG	TGA	0	0	
mORF+_159778	159778	159786	+	1	9	GTG	TAA	0	0	
mORF+_159798	159798	159809	+	3	12	TTG	TAA	0	0	
mORF+_159818	159818	159907	+	2	90	GTG	TAG	1	2	pORF+_159818
mORF+_159837	159837	160148	+	3	312	GTG	TAA	0	0	
mORF+_159952	159952	159996	+	1	45	ATG	TAG	0	0	
mORF+_160070	160070	160090	+	2	21	GTG	TGA	0	0	
mORF+_160072	160072	160101	+	1	30	GTG	TAA	0	0	
mORF+_160189	160189	160269	+	1	81	TTG	TAG	0	0	
mORF+_160315	160315	160458	+	1	144	TTG	TGA	0	0	
mORF+_160422	160422	160619	+	3	198	ATG	TAA	0	0	

mORF_+_160424	160424	160429	+	2	6	GTG	TAA	0	0	
mORF_+_160466	160466	160690	+	2	225	ATG	TAG	0	0	
mORF_+_160555	160555	160656	+	1	102	ATG	TGA	0	0	
mORF_+_160638	160638	160667	+	3	30	ATG	TAA	0	0	
mORF_+_160675	160675	160701	+	1	27	ATG	TAA	0	0	
mORF_+_160711	160711	160725	+	1	15	TTG	TGA	0	0	
mORF_+_160722	160722	160760	+	3	39	GTG	TAA	0	0	
mORF_+_160738	160738	160845	+	1	108	TTG	TAA	0	0	
mORF_+_160787	160787	160792	+	2	6	ATG	TAA	0	0	
mORF_+_160799	160799	160810	+	2	12	GTG	TAA	0	0	
mORF_+_160869	160869	160880	+	3	12	TTG	TGA	0	0	
mORF_+_160887	160887	160922	+	3	36	TTG	TGA	0	0	
mORF_+_160906	160906	161016	+	1	111	ATG	TGA	0	0	
mORF_+_160919	160919	160933	+	2	15	GTG	TAA	0	0	
mORF_+_160941	160941	161066	+	3	126	ATG	TAA	0	0	
mORF_+_161026	161026	161091	+	1	66	GTG	TAG	0	0	
mORF_+_161195	161195	161206	+	2	12	TTG	TAA	0	0	
mORF_+_161242	161242	161277	+	1	36	GTG	TGA	0	0	
mORF_+_161258	161258	161416	+	2	159	ATG	TGA	0	0	
mORF_+_161274	161274	161282	+	3	9	TTG	TAA	0	0	
mORF_+_161290	161290	161442	+	1	153	GTG	TAA	0	0	
mORF_+_161292	161292	161321	+	3	30	GTG	TGA	0	0	
mORF_+_161385	161385	161390	+	3	6	GTG	TAG	0	0	
mORF_+_161486	161486	161512	+	2	27	TTG	TAG	0	0	
mORF_+_161532	161532	161537	+	3	6	GTG	TAG	0	0	
mORF_+_161539	161539	161577	+	1	39	GTG	TGA	0	0	
mORF_+_161541	161541	161570	+	3	30	GTG	TAA	0	0	
mORF_+_161574	161574	161666	+	3	93	GTG	TGA	0	0	
mORF_+_161620	161620	161655	+	1	36	TTG	TAA	0	0	
mORF_+_161657	161657	161710	+	2	54	ATG	TGA	0	0	
mORF_+_161659	161659	161811	+	1	153	GTG	TGA	0	0	
mORF_+_161676	161676	161684	+	3	9	TTG	TGA	0	0	
mORF_+_161789	161789	161845	+	2	57	TTG	TAA	0	0	
mORF_+_161808	161808	161828	+	3	21	GTG	TGA	0	0	
mORF_+_161812	161812	161817	+	1	6	GTG	TGA	0	0	
mORF_+_161890	161890	161970	+	1	81	ATG	TAA	0	0	
mORF_+_161903	161903	161995	+	2	93	ATG	TAA	0	0	
mORF_+_161952	161952	162035	+	3	84	GTG	TGA	0	0	
mORF_+_162017	162017	162088	+	2	72	TTG	TAA	0	0	
mORF_+_162060	162060	164534	+	3	2475	ATG	TAA	2	7	pORF_+_162060
mORF_+_162070	162070	162180	+	1	111	GTG	TAA	0	0	
mORF_+_162158	162158	162247	+	2	90	TTG	TAA	0	0	
mORF_+_162181	162181	162417	+	1	237	GTG	TGA	0	0	
mORF_+_162433	162433	162447	+	1	15	GTG	TGA	0	0	
mORF_+_162451	162451	162465	+	1	15	GTG	TGA	0	0	
mORF_+_162469	162469	162564	+	1	96	TTG	TGA	0	0	
mORF_+_162652	162652	162711	+	1	60	TTG	TAG	0	0	
mORF_+_162784	162784	162858	+	1	75	GTG	TGA	0	0	
mORF_+_162925	162925	162942	+	1	18	TTG	TAA	0	0	
mORF_+_162946	162946	163026	+	1	81	TTG	TGA	0	0	
mORF_+_162971	162971	163000	+	2	30	TTG	TGA	0	0	
mORF_+_163063	163063	163110	+	1	48	GTG	TAA	0	0	
mORF_+_163147	163147	163188	+	1	42	GTG	TGA	0	0	
mORF_+_163202	163202	163309	+	2	108	ATG	TGA	0	0	
mORF_+_163306	163306	163365	+	1	60	GTG	TAG	0	0	
mORF_+_163420	163420	163524	+	1	105	TTG	TAA	0	0	
mORF_+_163540	163540	163683	+	1	144	GTG	TAA	0	0	
mORF_+_163694	163694	163774	+	2	81	ATG	TGA	0	0	
mORF_+_163738	163738	163782	+	1	45	ATG	TAG	0	0	
mORF_+_163826	163826	163834	+	2	9	GTG	TGA	0	0	
mORF_+_163831	163831	163851	+	1	21	ATG	TGA	0	0	
mORF_+_163945	163945	163968	+	1	24	ATG	TAA	0	0	
mORF_+_164018	164018	164047	+	2	30	ATG	TGA	0	0	

mORF_+_164044	164044	164112	+	1	69	ATG	TGA	0	0	
mORF_+_164093	164093	164179	+	2	87	GTG	TGA	0	0	
mORF_+_164176	164176	164292	+	1	117	TTG	TGA	0	0	
mORF_+_164180	164180	164206	+	2	27	TTG	TAG	0	0	
mORF_+_164308	164308	164409	+	1	102	TTG	TGA	0	0	
mORF_+_164434	164434	164454	+	1	21	GTG	TGA	0	0	
mORF_+_164473	164473	164799	+	1	327	ATG	TAA	0	0	
mORF_+_164537	164537	164743	+	2	207	TTG	TGA	0	0	
mORF_+_164673	164673	164678	+	3	6	TTG	TAA	0	0	
mORF_+_164715	164715	167264	+	3	2550	TTG	TAA	19	88	pORF_+_164715
mORF_+_164818	164818	164940	+	1	123	ATG	TAA	0	0	
mORF_+_164927	164927	165007	+	2	81	ATG	TAG	0	0	
mORF_+_164956	164956	164967	+	1	12	TTG	TGA	0	0	
mORF_+_165013	165013	165081	+	1	69	TTG	TGA	0	0	
mORF_+_165184	165184	165192	+	1	9	TTG	TGA	0	0	
mORF_+_165205	165205	165249	+	1	45	TTG	TGA	0	0	
mORF_+_165253	165253	165333	+	1	81	TTG	TGA	0	0	
mORF_+_165358	165358	165498	+	1	141	GTG	TGA	0	0	
mORF_+_165520	165520	165534	+	1	15	GTG	TGA	0	0	
mORF_+_165649	165649	165663	+	1	15	TTG	TGA	0	0	
mORF_+_165733	165733	165747	+	1	15	TTG	TAG	0	0	
mORF_+_165815	165815	165823	+	2	9	GTG	TAA	0	0	
mORF_+_165886	165886	165912	+	1	27	TTG	TGA	0	0	
mORF_+_165913	165913	165951	+	1	39	GTG	TGA	0	0	
mORF_+_166054	166054	166113	+	1	60	TTG	TGA	0	0	
mORF_+_166138	166138	166284	+	1	147	TTG	TGA	0	0	
mORF_+_166322	166322	166387	+	2	66	GTG	TGA	0	0	
mORF_+_166327	166327	166419	+	1	93	TTG	TGA	0	0	
mORF_+_166429	166429	166437	+	1	9	ATG	TGA	0	0	
mORF_+_166621	166621	166659	+	1	39	GTG	TAA	0	0	
mORF_+_166669	166669	166737	+	1	69	ATG	TGA	0	0	
mORF_+_166742	166742	166843	+	2	102	ATG	TAA	0	0	
mORF_+_166786	166786	166848	+	1	63	TTG	TAG	0	0	
mORF_+_166858	166858	166884	+	1	27	TTG	TGA	0	0	
mORF_+_166903	166903	166995	+	1	93	GTG	TGA	0	0	
mORF_+_166999	166999	167229	+	1	231	TTG	TAG	0	0	
mORF_+_167054	167054	167155	+	2	102	TTG	TGA	0	0	
mORF_+_167234	167234	167257	+	2	24	TTG	TAG	0	0	
mORF_+_167251	167251	167271	+	1	21	TTG	TAA	0	0	
mORF_+_167274	167274	167312	+	3	39	GTG	TAA	0	0	
mORF_+_167294	167294	167332	+	2	39	TTG	TAA	0	0	
mORF_+_167351	167351	167434	+	2	84	TTG	TAA	0	0	
mORF_+_167392	167392	167541	+	1	150	TTG	TAG	0	0	
mORF_+_167484	167484	169727	+	3	2244	ATG	TAA	73	336	pORF_+_167484
mORF_+_167572	167572	167742	+	1	171	ATG	TGA	0	0	
mORF_+_167645	167645	167695	+	2	51	ATG	TAA	0	0	
mORF_+_167806	167806	167853	+	1	48	GTG	TGA	0	0	
mORF_+_167866	167866	167901	+	1	36	TTG	TGA	0	0	
mORF_+_167902	167902	167910	+	1	9	ATG	TGA	0	0	
mORF_+_167935	167935	168030	+	1	96	ATG	TGA	0	0	
mORF_+_168115	168115	168165	+	1	51	TTG	TGA	0	0	
mORF_+_168172	168172	168579	+	1	408	TTG	TAG	0	0	
mORF_+_168566	168566	168592	+	2	27	GTG	TAA	0	0	
mORF_+_168622	168622	168708	+	1	87	TTG	TGA	0	0	
mORF_+_168712	168712	168801	+	1	90	GTG	TGA	0	0	
mORF_+_168820	168820	168861	+	1	42	ATG	TGA	0	0	
mORF_+_168886	168886	168930	+	1	45	ATG	TAG	0	0	
mORF_+_168905	168905	168913	+	2	9	GTG	TAA	0	0	
mORF_+_168940	168940	169053	+	1	114	ATG	TAA	0	0	
mORF_+_169081	169081	169158	+	1	78	TTG	TGA	0	0	
mORF_+_169162	169162	169188	+	1	27	ATG	TAG	0	0	
mORF_+_169195	169195	169230	+	1	36	GTG	TGA	0	0	
mORF_+_169261	169261	169293	+	1	33	TTG	TAG	0	0	

mORF_+_169324	169324	169335	+	1	12	GTG	TAG	0	0	
mORF_+_169357	169357	169473	+	1	117	ATG	TGA	0	0	
mORF_+_169430	169430	169438	+	2	9	GTG	TGA	0	0	
mORF_+_169486	169486	169566	+	1	81	GTG	TAG	0	0	
mORF_+_169573	169573	169824	+	1	252	ATG	TAA	0	0	
mORF_+_169736	169736	170575	+	2	840	TTG	TGA	2	4	pORF_+_169736
mORF_+_169812	169812	169874	+	3	63	TTG	TAA	0	0	
mORF_+_169905	169905	170078	+	3	174	TTG	TGA	0	0	
mORF_+_170085	170085	170189	+	3	105	GTG	TAA	0	0	
mORF_+_170113	170113	170217	+	1	105	GTG	TAG	0	0	
mORF_+_170245	170245	170274	+	1	30	GTG	TAG	0	0	
mORF_+_170278	170278	170331	+	1	54	TTG	TGA	0	0	
mORF_+_170328	170328	170357	+	3	30	TTG	TAA	0	0	
mORF_+_170367	170367	170375	+	3	9	GTG	TGA	0	0	
mORF_+_170382	170382	170456	+	3	75	TTG	TGA	0	0	
mORF_+_170457	170457	170507	+	3	51	TTG	TGA	0	0	
mORF_+_170511	170511	170561	+	3	51	ATG	TGA	0	0	
mORF_+_170565	170565	170675	+	3	111	TTG	TGA	0	0	
mORF_+_170572	170572	171465	+	1	894	TTG	TGA	2	4	pORF_+_170572
mORF_+_170672	170672	170809	+	2	138	TTG	TGA	0	0	
mORF_+_170700	170700	170837	+	3	138	GTG	TAA	0	0	
mORF_+_170840	170840	170851	+	2	12	TTG	TGA	0	0	
mORF_+_170891	170891	170989	+	2	99	ATG	TGA	0	0	
mORF_+_171047	171047	171070	+	2	24	ATG	TGA	0	0	
mORF_+_171080	171080	171085	+	2	6	TTG	TGA	0	0	
mORF_+_171089	171089	171112	+	2	24	GTG	TGA	0	0	
mORF_+_171176	171176	171322	+	2	147	TTG	TAA	0	0	
mORF_+_171336	171336	171443	+	3	108	GTG	TAA	0	0	
mORF_+_171353	171353	171469	+	2	117	TTG	TAA	0	0	
mORF_+_171462	171462	173444	+	3	1983	GTG	TAA	1	3	pORF_+_171462
mORF_+_171475	171475	171510	+	1	36	TTG	TAG	0	0	
mORF_+_171514	171514	171540	+	1	27	TTG	TGA	0	0	
mORF_+_171569	171569	171601	+	2	33	GTG	TGA	0	0	
mORF_+_171598	171598	171618	+	1	21	TTG	TGA	0	0	
mORF_+_171739	171739	171852	+	1	114	TTG	TAA	0	0	
mORF_+_171836	171836	171970	+	2	135	TTG	TGA	0	0	
mORF_+_171853	171853	171894	+	1	42	TTG	TAA	0	0	
mORF_+_171967	171967	172011	+	1	45	ATG	TGA	0	0	
mORF_+_171992	171992	172036	+	2	45	GTG	TGA	0	0	
mORF_+_172033	172033	172068	+	1	36	TTG	TGA	0	0	
mORF_+_172043	172043	172114	+	2	72	ATG	TGA	0	0	
mORF_+_172111	172111	172206	+	1	96	TTG	TGA	0	0	
mORF_+_172309	172309	172320	+	1	12	TTG	TGA	0	0	
mORF_+_172364	172364	172450	+	2	87	GTG	TAG	0	0	
mORF_+_172405	172405	172464	+	1	60	GTG	TGA	0	0	
mORF_+_172477	172477	172539	+	1	63	GTG	TGA	0	0	
mORF_+_172564	172564	172620	+	1	57	TTG	TAA	0	0	
mORF_+_172589	172589	172744	+	2	156	GTG	TAG	0	0	
mORF_+_172657	172657	172704	+	1	48	TTG	TGA	0	0	
mORF_+_172759	172759	172773	+	1	15	TTG	TGA	0	0	
mORF_+_172795	172795	172842	+	1	48	ATG	TGA	0	0	
mORF_+_172876	172876	172920	+	1	45	GTG	TAA	0	0	
mORF_+_172960	172960	172989	+	1	30	GTG	TGA	0	0	
mORF_+_173023	173023	173052	+	1	30	ATG	TGA	0	0	
mORF_+_173081	173081	173119	+	2	39	GTG	TGA	0	0	
mORF_+_173113	173113	173136	+	1	24	GTG	TAG	0	0	
mORF_+_173161	173161	173178	+	1	18	TTG	TAG	0	0	
mORF_+_173183	173183	173335	+	2	153	TTG	TGA	0	0	
mORF_+_173212	173212	173223	+	1	12	TTG	TGA	0	0	
mORF_+_173227	173227	173238	+	1	12	TTG	TAA	0	0	
mORF_+_173251	173251	173262	+	1	12	TTG	TGA	0	0	
mORF_+_173311	173311	173427	+	1	117	GTG	TGA	0	0	
mORF_+_173339	173339	173482	+	2	144	GTG	TAA	0	0	

mORF_+_173502	173502	173558	+	3	57	ATG	TAG	0	0	
mORF_+_173509	173509	173697	+	1	189	ATG	TGA	0	0	
mORF_+_173594	173594	173710	+	2	117	ATG	TAA	0	0	
mORF_+_173625	173625	173648	+	3	24	GTG	TGA	0	0	
mORF_+_173700	173700	173747	+	3	48	GTG	TAA	0	0	
mORF_+_173731	173731	174105	+	1	375	ATG	TAA	0	0	
mORF_+_173822	173822	173923	+	2	102	ATG	TGA	0	0	
mORF_+_173895	173895	174086	+	3	192	GTG	TGA	0	0	
mORF_+_174083	174083	174124	+	2	42	ATG	TAA	0	0	
mORF_+_174132	174132	174179	+	3	48	GTG	TGA	0	0	
mORF_+_174176	174176	174343	+	2	168	ATG	TAA	0	0	
mORF_+_174295	174295	174354	+	1	60	TTG	TAA	0	0	
mORF_+_174312	174312	174410	+	3	99	ATG	TGA	0	0	
mORF_+_174362	174362	174451	+	2	90	TTG	TGA	0	0	
mORF_+_174411	174411	174476	+	3	66	GTG	TAA	0	0	
mORF_+_174448	174448	174636	+	1	189	GTG	TAA	0	0	
mORF_+_174482	174482	174721	+	2	240	TTG	TAA	0	0	
mORF_+_174618	174618	174779	+	3	162	TTG	TAA	0	0	
mORF_+_174679	174679	175095	+	1	417	ATG	TAA	0	0	
mORF_+_174734	174734	174757	+	2	24	TTG	TAA	0	0	
mORF_+_174783	174783	174806	+	3	24	GTG	TAA	0	0	
mORF_+_174788	174788	174862	+	2	75	GTG	TAA	0	0	
mORF_+_174881	174881	174895	+	2	15	ATG	TGA	0	0	
mORF_+_174908	174908	174946	+	2	39	GTG	TAA	0	0	
mORF_+_174912	174912	174938	+	3	27	ATG	TAA	0	0	
mORF_+_174978	174978	174989	+	3	12	GTG	TGA	0	0	
mORF_+_175010	175010	175021	+	2	12	TTG	TGA	0	0	
mORF_+_175055	175055	175099	+	2	45	GTG	TGA	0	0	
mORF_+_175096	175096	175110	+	1	15	GTG	TGA	0	0	
mORF_+_175103	175103	175117	+	2	15	TTG	TGA	0	0	
mORF_+_175107	175107	176528	+	3	1422	ATG	TGA	0	0	
mORF_+_175183	175183	175206	+	1	24	TTG	TAG	0	0	
mORF_+_175240	175240	175344	+	1	105	TTG	TAA	0	0	
mORF_+_175381	175381	175497	+	1	117	TTG	TGA	0	0	
mORF_+_175478	175478	175576	+	2	99	GTG	TAA	0	0	
mORF_+_175504	175504	175611	+	1	108	TTG	TGA	0	0	
mORF_+_175615	175615	175743	+	1	129	GTG	TAA	0	0	
mORF_+_175765	175765	175821	+	1	57	TTG	TGA	0	0	
mORF_+_175822	175822	175875	+	1	54	TTG	TGA	0	0	
mORF_+_175862	175862	175915	+	2	54	GTG	TAA	0	0	
mORF_+_175891	175891	175986	+	1	96	TTG	TAA	0	0	
mORF_+_175919	175919	176059	+	2	141	ATG	TAA	0	0	
mORF_+_175993	175993	176064	+	1	72	GTG	TGA	0	0	
mORF_+_176176	176176	176325	+	1	150	TTG	TAA	0	0	
mORF_+_176395	176395	176412	+	1	18	TTG	TAG	0	0	
mORF_+_176452	176452	176613	+	1	162	TTG	TGA	0	0	
mORF_+_176525	176525	176548	+	2	24	TTG	TAG	0	0	
mORF_+_176552	176552	176617	+	2	66	ATG	TGA	0	0	
mORF_+_176565	176565	176573	+	3	9	TTG	TAG	0	0	
mORF_+_176577	176577	176954	+	3	378	TTG	TAA	18	476	pORF_+_176577
mORF_+_176614	176614	176625	+	1	12	GTG	TAG	0	0	
mORF_+_176725	176725	176775	+	1	51	GTG	TGA	0	0	
mORF_+_176732	176732	176764	+	2	33	TTG	TGA	0	0	
mORF_+_176809	176809	176832	+	1	24	TTG	TGA	0	0	
mORF_+_176860	176860	176901	+	1	42	TTG	TGA	0	0	
mORF_+_176930	176930	176947	+	2	18	TTG	TAG	0	0	
mORF_+_176959	176959	177036	+	1	78	TTG	TAG	0	0	
mORF_+_176967	176967	177041	+	3	75	GTG	TAA	0	0	
mORF_+_177043	177043	177075	+	1	33	ATG	TAG	0	0	
mORF_+_177086	177086	177130	+	2	45	ATG	TAA	0	0	
mORF_+_177111	177111	177140	+	3	30	GTG	TAG	0	0	
mORF_+_177142	177142	177192	+	1	51	GTG	TAA	0	0	
mORF_+_177171	177171	177230	+	3	60	TTG	TGA	0	0	

mORF_+_177197	177197	177469	+	2	273	ATG	TGA	0	0	
mORF_+_177366	177366	177416	+	3	51	TTG	TGA	0	0	
mORF_+_177420	177420	177641	+	3	222	TTG	TGA	0	0	
mORF_+_177466	177466	177564	+	1	99	GTG	TAA	0	0	
mORF_+_177479	177479	177616	+	2	138	ATG	TAG	0	0	
mORF_+_177673	177673	177711	+	1	39	GTG	TAA	0	0	
mORF_+_177695	177695	177850	+	2	156	TTG	TAA	0	0	
mORF_+_177715	177715	177747	+	1	33	GTG	TGA	0	0	
mORF_+_177744	177744	177938	+	3	195	GTG	TGA	0	0	
mORF_+_177835	177835	177867	+	1	33	GTG	TAA	0	0	
mORF_+_177869	177869	178108	+	2	240	TTG	TAA	0	0	
mORF_+_177961	177961	177972	+	1	12	ATG	TAA	0	0	
mORF_+_177972	177972	178040	+	3	69	ATG	TGA	0	0	
mORF_+_178071	178071	178103	+	3	33	TTG	TGA	0	0	
mORF_+_178113	178113	178307	+	3	195	TTG	TAG	0	0	
mORF_+_178121	178121	178453	+	2	333	TTG	TGA	0	0	
mORF_+_178132	178132	178323	+	1	192	TTG	TGA	0	0	
mORF_+_178335	178335	178484	+	3	150	GTG	TGA	0	0	
mORF_+_178411	178411	178446	+	1	36	GTG	TGA	0	0	
mORF_+_178450	178450	178458	+	1	9	GTG	TAG	0	0	
mORF_+_178463	178463	178510	+	2	48	GTG	TAG	0	0	
mORF_+_178542	178542	178820	+	3	279	ATG	TAA	0	0	
mORF_+_178570	178570	178824	+	1	255	ATG	TGA	0	0	
mORF_+_178622	178622	178699	+	2	78	TTG	TGA	0	0	
mORF_+_178841	178841	178849	+	2	9	ATG	TGA	0	0	
mORF_+_178846	178846	178863	+	1	18	GTG	TGA	0	0	
mORF_+_178860	178860	179189	+	3	330	GTG	TAG	0	0	
mORF_+_178868	178868	178939	+	2	72	GTG	TAA	0	0	
mORF_+_178933	178933	179055	+	1	123	GTG	TAG	0	0	
mORF_+_179098	179098	179181	+	1	84	TTG	TGA	0	0	
mORF_+_179129	179129	179140	+	2	12	TTG	TGA	0	0	
mORF_+_179196	179196	179267	+	3	72	ATG	TAA	0	0	
mORF_+_179237	179237	180754	+	2	1518	ATG	TAA	1	8	pORF_+_179237
mORF_+_179313	179313	179492	+	3	180	ATG	TAA	0	0	
mORF_+_179535	179535	179543	+	3	9	ATG	TGA	0	0	
mORF_+_179553	179553	179582	+	3	30	TTG	TGA	0	0	
mORF_+_179575	179575	179637	+	1	63	ATG	TGA	0	0	
mORF_+_179607	179607	179633	+	3	27	TTG	TAA	0	0	
mORF_+_179634	179634	179687	+	3	54	ATG	TGA	0	0	
mORF_+_179776	179776	179787	+	1	12	ATG	TGA	0	0	
mORF_+_179784	179784	179825	+	3	42	TTG	TGA	0	0	
mORF_+_179853	179853	179867	+	3	15	TTG	TAA	0	0	
mORF_+_179884	179884	179907	+	1	24	GTG	TGA	0	0	
mORF_+_179892	179892	179924	+	3	33	GTG	TAA	0	0	
mORF_+_179964	179964	180017	+	3	54	TTG	TAA	0	0	
mORF_+_180019	180019	180069	+	1	51	GTG	TGA	0	0	
mORF_+_180054	180054	180080	+	3	27	GTG	TAG	0	0	
mORF_+_180099	180099	180209	+	3	111	TTG	TAA	0	0	
mORF_+_180130	180130	180144	+	1	15	GTG	TGA	0	0	
mORF_+_180294	180294	180398	+	3	105	TTG	TAA	0	0	
mORF_+_180358	180358	180375	+	1	18	ATG	TAA	0	0	
mORF_+_180402	180402	180470	+	3	69	ATG	TAG	0	0	
mORF_+_180552	180552	180701	+	3	150	TTG	TGA	0	0	
mORF_+_180649	180649	180723	+	1	75	ATG	TGA	0	0	
mORF_+_180711	180711	180737	+	3	27	ATG	TGA	0	0	
mORF_+_180763	180763	180768	+	1	6	TTG	TAA	0	0	
mORF_+_180793	180793	180807	+	1	15	TTG	TAG	0	0	
mORF_+_180853	180853	180966	+	1	114	TTG	TGA	0	0	
mORF_+_180884	180884	182308	+	2	1425	ATG	TAA	69	784	pORF_+_180884
mORF_+_180909	180909	180923	+	3	15	GTG	TGA	0	0	
mORF_+_181005	181005	181028	+	3	24	TTG	TGA	0	0	
mORF_+_181113	181113	181313	+	3	201	GTG	TGA	0	0	
mORF_+_181317	181317	181376	+	3	60	ATG	TGA	0	0	

mORF_+_181428	181428	181457	+	3	30	ATG	TAG	0	0
mORF_+_181461	181461	181493	+	3	33	TTG	TAA	0	0
mORF_+_181503	181503	181532	+	3	30	TTG	TGA	0	0
mORF_+_181533	181533	181613	+	3	81	ATG	TGA	0	0
mORF_+_181680	181680	181703	+	3	24	TTG	TGA	0	0
mORF_+_181749	181749	181778	+	3	30	GTG	TGA	0	0
mORF_+_181806	181806	181832	+	3	27	TTG	TAA	0	0
mORF_+_181881	181881	181889	+	3	9	GTG	TGA	0	0
mORF_+_181923	181923	181961	+	3	39	TTG	TAG	0	0
mORF_+_182046	182046	182090	+	3	45	TTG	TGA	0	0
mORF_+_182172	182172	182180	+	3	9	GTG	TGA	0	0
mORF_+_182184	182184	182207	+	3	24	TTG	TGA	0	0
mORF_+_182358	182358	182399	+	3	42	GTG	TAG	0	0
mORF_+_182404	182404	182547	+	1	144	TTG	TAA	0	0
mORF_+_182411	182411	182452	+	2	42	ATG	TAA	0	0
mORF_+_182445	182445	183620	+	3	1176	GTG	TAG	0	0
mORF_+_182551	182551	182664	+	1	114	ATG	TAG	0	0
mORF_+_182680	182680	182736	+	1	57	GTG	TAA	0	0
mORF_+_182737	182737	182745	+	1	9	TTG	TGA	0	0
mORF_+_182749	182749	182793	+	1	45	GTG	TGA	0	0
mORF_+_182915	182915	182971	+	2	57	ATG	TGA	0	0
mORF_+_182965	182965	183039	+	1	75	TTG	TGA	0	0
mORF_+_183070	183070	183081	+	1	12	TTG	TAA	0	0
mORF_+_183118	183118	183165	+	1	48	TTG	TGA	0	0
mORF_+_183241	183241	183330	+	1	90	TTG	TGA	0	0
mORF_+_183358	183358	183405	+	1	48	GTG	TGA	0	0
mORF_+_183449	183449	183508	+	2	60	GTG	TAA	0	0
mORF_+_183463	183463	183546	+	1	84	ATG	TGA	0	0
mORF_+_183553	183553	183675	+	1	123	TTG	TAG	0	0
mORF_+_183624	183624	183632	+	3	9	ATG	TAA	0	0
mORF_+_183635	183635	183694	+	2	60	TTG	TAA	0	0
mORF_+_183682	183682	183723	+	1	42	ATG	TAG	0	0
mORF_+_183758	183758	183781	+	2	24	TTG	TGA	0	0
mORF_+_183778	183778	183786	+	1	9	GTG	TAA	0	0
mORF_+_183841	183841	183870	+	1	30	TTG	TAG	0	0
mORF_+_183857	183857	183901	+	2	45	ATG	TAA	0	0
mORF_+_183965	183965	184000	+	2	36	TTG	TAG	0	0
mORF_+_184016	184016	184042	+	2	27	TTG	TAA	0	0
mORF_+_184061	184061	184243	+	2	183	TTG	TGA	0	0
mORF_+_184110	184110	184121	+	3	12	ATG	TAA	0	0
mORF_+_184123	184123	184137	+	1	15	TTG	TAG	0	0
mORF_+_184125	184125	184169	+	3	45	GTG	TGA	0	0
mORF_+_184141	184141	184338	+	1	198	TTG	TAG	0	0
mORF_+_184203	184203	184211	+	3	9	ATG	TAA	0	0
mORF_+_184331	184331	184483	+	2	153	TTG	TGA	0	0
mORF_+_184339	184339	184377	+	1	39	ATG	TAA	0	0
mORF_+_184341	184341	184364	+	3	24	GTG	TAA	0	0
mORF_+_184428	184428	184571	+	3	144	TTG	TAA	0	0
mORF_+_184480	184480	184680	+	1	201	ATG	TGA	0	0
mORF_+_184520	184520	184624	+	2	105	TTG	TAG	0	0
mORF_+_184596	184596	184655	+	3	60	TTG	TGA	0	0
mORF_+_184677	184677	184799	+	3	123	GTG	TAA	0	0
mORF_+_184711	184711	184806	+	1	96	TTG	TAA	0	0
mORF_+_184836	184836	184877	+	3	42	TTG	TAA	0	0
mORF_+_184843	184843	184896	+	1	54	ATG	TAA	0	0
mORF_+_184896	184896	184970	+	3	75	ATG	TAA	0	0
mORF_+_184921	184921	184962	+	1	42	TTG	TGA	0	0
mORF_+_184925	184925	184945	+	2	21	ATG	TAA	0	0
mORF_+_184995	184995	185015	+	3	21	ATG	TGA	0	0
mORF_+_185020	185020	185151	+	1	132	GTG	TAA	0	0
mORF_+_185060	185060	185230	+	2	171	GTG	TGA	0	0
mORF_+_185130	185130	185207	+	3	78	ATG	TAG	0	0
mORF_+_185217	185217	185279	+	3	63	TTG	TAG	0	0

mORF_+_185227	185227	185346	+	1	120	TTG	TGA	0	0
mORF_+_185279	185279	185938	+	2	660	GTG	TAA	0	0
mORF_+_185313	185313	185321	+	3	9	GTG	TGA	0	0
mORF_+_185325	185325	185570	+	3	246	ATG	TAA	0	0
mORF_+_185422	185422	185430	+	1	9	TTG	TAG	0	0
mORF_+_185551	185551	185565	+	1	15	ATG	TGA	0	0
mORF_+_185586	185586	185612	+	3	27	GTG	TGA	0	0
mORF_+_185626	185626	185742	+	1	117	GTG	TAA	0	0
mORF_+_185694	185694	185705	+	3	12	TTG	TAG	0	0
mORF_+_185821	185821	185871	+	1	51	GTG	TAA	0	0
mORF_+_185874	185874	185972	+	3	99	GTG	TAA	0	0
mORF_+_185947	185947	186000	+	1	54	TTG	TGA	0	0
mORF_+_185997	185997	186020	+	3	24	TTG	TGA	0	0
mORF_+_186020	186020	186082	+	2	63	ATG	TAA	0	0
mORF_+_186066	186066	186125	+	3	60	GTG	TGA	0	0
mORF_+_186106	186106	186111	+	1	6	TTG	TAA	0	0
mORF_+_186122	186122	186268	+	2	147	ATG	TAA	0	0
mORF_+_186210	186210	186353	+	3	144	TTG	TGA	0	0
mORF_+_186278	186278	186454	+	2	177	TTG	TAA	0	0
mORF_+_186295	186295	186345	+	1	51	GTG	TAA	0	0
mORF_+_186372	186372	186446	+	3	75	TTG	TGA	0	0
mORF_+_186436	186436	186519	+	1	84	GTG	TAA	0	0
mORF_+_186456	186456	186497	+	3	42	TTG	TAA	0	0
mORF_+_186528	186528	186617	+	3	90	GTG	TGA	0	0
mORF_+_186581	186581	186589	+	2	9	ATG	TAA	0	0
mORF_+_186593	186593	186658	+	2	66	ATG	TGA	0	0
mORF_+_186619	186619	186645	+	1	27	TTG	TAG	0	0
mORF_+_186655	186655	186930	+	1	276	GTG	TGA	0	0
mORF_+_186665	186665	186706	+	2	42	TTG	TAG	0	0
mORF_+_186687	186687	186728	+	3	42	ATG	TGA	0	0
mORF_+_186722	186722	186778	+	2	57	TTG	TAG	0	0
mORF_+_186756	186756	186800	+	3	45	GTG	TAG	0	0
mORF_+_186818	186818	187024	+	2	207	TTG	TGA	0	0
mORF_+_186846	186846	186887	+	3	42	TTG	TAG	0	0
mORF_+_186927	186927	186947	+	3	21	TTG	TGA	0	0
mORF_+_187012	187012	187128	+	1	117	GTG	TGA	0	0
mORF_+_187034	187034	187144	+	2	111	GTG	TGA	0	0
mORF_+_187074	187074	187112	+	3	39	ATG	TGA	0	0
mORF_+_187125	187125	187256	+	3	132	ATG	TAG	0	0
mORF_+_187141	187141	187236	+	1	96	TTG	TAG	0	0
mORF_+_187178	187178	187348	+	2	171	ATG	TAG	0	0
mORF_+_187339	187339	187485	+	1	147	TTG	TGA	0	0
mORF_+_187370	187370	187453	+	2	84	GTG	TAA	0	0
mORF_+_187380	187380	187475	+	3	96	ATG	TAA	0	0
mORF_+_187476	187476	187511	+	3	36	ATG	TAG	0	0
mORF_+_187496	187496	187549	+	2	54	GTG	TAG	0	0
mORF_+_187524	187524	187589	+	3	66	ATG	TGA	0	0
mORF_+_187549	187549	187674	+	1	126	GTG	TGA	0	0
mORF_+_187638	187638	187706	+	3	69	ATG	TAA	0	0
mORF_+_187655	187655	187789	+	2	135	TTG	TAA	0	0
mORF_+_187690	187690	187695	+	1	6	GTG	TAA	0	0
mORF_+_187820	187820	187867	+	2	48	ATG	TAA	0	0
mORF_+_187921	187921	187995	+	1	75	ATG	TGA	0	0
mORF_+_187934	187934	188149	+	2	216	ATG	TAA	0	0
mORF_+_187959	187959	188015	+	3	57	GTG	TAG	0	0
mORF_+_188019	188019	188030	+	3	12	GTG	TAA	0	0
mORF_+_188076	188076	188234	+	3	159	TTG	TGA	0	0
mORF_+_188231	188231	188269	+	2	39	ATG	TAA	0	0
mORF_+_188285	188285	188320	+	2	36	TTG	TAA	0	0
mORF_+_188344	188344	188409	+	1	66	GTG	TGA	0	0
mORF_+_188348	188348	188428	+	2	81	ATG	TAA	0	0
mORF_+_188432	188432	188560	+	2	129	TTG	TAA	0	0
mORF_+_188457	188457	188597	+	3	141	GTG	TGA	0	0

mORF_+_188581	188581	188685	+	1	105	ATG	TAA	0	0	
mORF_+_188588	188588	188797	+	2	210	TTG	TAG	0	0	
mORF_+_188607	188607	188666	+	3	60	GTG	TAA	0	0	
mORF_+_188721	188721	188759	+	3	39	GTG	TAG	0	0	
mORF_+_188740	188740	188952	+	1	213	ATG	TAG	1	2	pORF_+_188740
mORF_+_188799	188799	189098	+	3	300	ATG	TAG	0	0	
mORF_+_188810	188810	188887	+	2	78	GTG	TGA	0	0	
mORF_+_188891	188891	188905	+	2	15	TTG	TGA	0	0	
mORF_+_189076	189076	189315	+	1	240	ATG	TAG	0	0	
mORF_+_189117	189117	189497	+	3	381	TTG	TGA	0	0	
mORF_+_189361	189361	189366	+	1	6	ATG	TAA	0	0	
mORF_+_189376	189376	189531	+	1	156	ATG	TGA	0	0	
mORF_+_189494	189494	189502	+	2	9	TTG	TAG	0	0	
mORF_+_189528	189528	189551	+	3	24	GTG	TAA	0	0	
mORF_+_189552	189552	189632	+	3	81	GTG	TAA	0	0	
mORF_+_189610	189610	189651	+	1	42	GTG	TGA	0	0	
mORF_+_189651	189651	189704	+	3	54	ATG	TAA	0	0	
mORF_+_189676	189676	190599	+	1	924	TTG	TAA	142	5991	pORF_+_189676
mORF_+_189768	189768	189773	+	3	6	GTG	TAA	0	0	
mORF_+_189804	189804	189845	+	3	42	GTG	TAA	0	0	
mORF_+_189911	189911	189955	+	2	45	GTG	TGA	0	0	
mORF_+_189971	189971	190045	+	2	75	GTG	TGA	0	0	
mORF_+_190052	190052	190114	+	2	63	TTG	TGA	0	0	
mORF_+_190289	190289	190363	+	2	75	GTG	TAA	0	0	
mORF_+_190367	190367	190504	+	2	138	ATG	TGA	0	0	
mORF_+_190523	190523	190588	+	2	66	TTG	TAG	0	0	
mORF_+_190606	190606	190626	+	1	21	TTG	TAG	0	0	
mORF_+_190633	190633	190731	+	1	99	TTG	TGA	0	0	
mORF_+_190682	190682	190708	+	2	27	GTG	TAA	0	0	
mORF_+_190728	190728	190823	+	3	96	ATG	TAA	0	0	
mORF_+_190786	190786	190884	+	1	99	ATG	TAA	0	0	
mORF_+_190823	190823	190855	+	2	33	ATG	TAG	0	0	
mORF_+_190857	190857	191708	+	3	852	ATG	TAA	165	5731	pORF_+_190857
mORF_+_190894	190894	190917	+	1	24	GTG	TGA	0	0	
mORF_+_190922	190922	190942	+	2	21	TTG	TGA	0	0	
mORF_+_190990	190990	191040	+	1	51	GTG	TGA	0	0	
mORF_+_191104	191104	191190	+	1	87	TTG	TGA	0	0	
mORF_+_191212	191212	191226	+	1	15	GTG	TAG	0	0	
mORF_+_191233	191233	191430	+	1	198	TTG	TAG	0	0	
mORF_+_191503	191503	191517	+	1	15	TTG	TGA	0	0	
mORF_+_191581	191581	191595	+	1	15	TTG	TGA	0	0	
mORF_+_191641	191641	191730	+	1	90	GTG	TGA	0	0	
mORF_+_191744	191744	191770	+	2	27	TTG	TAA	0	0	
mORF_+_191746	191746	191760	+	1	15	GTG	TAA	0	0	
mORF_+_191774	191774	191836	+	2	63	TTG	TGA	0	0	
mORF_+_191776	191776	191790	+	1	15	GTG	TGA	0	0	
mORF_+_191833	191833	191883	+	1	51	TTG	TAA	0	0	
mORF_+_191855	191855	192580	+	2	726	ATG	TAA	41	806	pORF_+_191855
mORF_+_191865	191865	191903	+	3	39	ATG	TGA	0	0	
mORF_+_191904	191904	192017	+	3	114	GTG	TGA	0	0	
mORF_+_192018	192018	192068	+	3	51	TTG	TGA	0	0	
mORF_+_192075	192075	192110	+	3	36	TTG	TAA	0	0	
mORF_+_192129	192129	192155	+	3	27	GTG	TGA	0	0	
mORF_+_192186	192186	192251	+	3	66	ATG	TGA	0	0	
mORF_+_192193	192193	192273	+	1	81	GTG	TAA	0	0	
mORF_+_192301	192301	192324	+	1	24	TTG	TGA	0	0	
mORF_+_192309	192309	192341	+	3	33	GTG	TGA	0	0	
mORF_+_192354	192354	192416	+	3	63	TTG	TGA	0	0	
mORF_+_192480	192480	192515	+	3	36	GTG	TGA	0	0	
mORF_+_192525	192525	192545	+	3	21	GTG	TAA	0	0	
mORF_+_192549	192549	192569	+	3	21	GTG	TAA	0	0	
mORF_+_192586	192586	192600	+	1	15	GTG	TAA	0	0	
mORF_+_192655	192655	192753	+	1	99	TTG	TAA	0	0	

mORF_+_192669	192669	192758	+	3	90	TTG	TAG	0	0	
mORF_+_192743	192743	192763	+	2	21	ATG	TAA	0	0	
mORF_+_192787	192787	192810	+	1	24	ATG	TAG	0	0	
mORF_+_192823	192823	192843	+	1	21	GTG	TGA	0	0	
mORF_+_192825	192825	192830	+	3	6	GTG	TGA	0	0	
mORF_+_192827	192827	192847	+	2	21	GTG	TGA	0	0	
mORF_+_192872	192872	193429	+	2	558	GTG	TGA	63	2072	pORF_+_192872
mORF_+_192894	192894	192923	+	3	30	ATG	TAG	0	0	
mORF_+_192916	192916	193083	+	1	168	ATG	TGA	0	0	
mORF_+_192963	192963	193043	+	3	81	GTG	TAA	0	0	
mORF_+_193080	193080	193139	+	3	60	TTG	TGA	0	0	
mORF_+_193167	193167	193187	+	3	21	GTG	TGA	0	0	
mORF_+_193224	193224	193289	+	3	66	GTG	TGA	0	0	
mORF_+_193347	193347	193361	+	3	15	ATG	TGA	0	0	
mORF_+_193365	193365	193418	+	3	54	ATG	TGA	0	0	
mORF_+_193434	193434	193460	+	3	27	TTG	TAG	0	0	
mORF_+_193465	193465	193524	+	1	60	TTG	TGA	0	0	
mORF_+_193487	193487	193591	+	2	105	TTG	TAA	0	0	
mORF_+_193521	193521	194717	+	3	1197	ATG	TGA	3	10	pORF_+_193521
mORF_+_193558	193558	193611	+	1	54	TTG	TAG	0	0	
mORF_+_193612	193612	193650	+	1	39	TTG	TAG	0	0	
mORF_+_193655	193655	193696	+	2	42	GTG	TGA	0	0	
mORF_+_193678	193678	193686	+	1	9	ATG	TAA	0	0	
mORF_+_193693	193693	193758	+	1	66	ATG	TAA	0	0	
mORF_+_193759	193759	193812	+	1	54	GTG	TGA	0	0	
mORF_+_193775	193775	193795	+	2	21	TTG	TGA	0	0	
mORF_+_193822	193822	193938	+	1	117	TTG	TAA	0	0	
mORF_+_194038	194038	194124	+	1	87	TTG	TGA	0	0	
mORF_+_194218	194218	194268	+	1	51	TTG	TGA	0	0	
mORF_+_194228	194228	194239	+	2	12	TTG	TAA	0	0	
mORF_+_194317	194317	194391	+	1	75	GTG	TGA	0	0	
mORF_+_194375	194375	194458	+	2	84	ATG	TGA	0	0	
mORF_+_194428	194428	194436	+	1	9	GTG	TGA	0	0	
mORF_+_194440	194440	194475	+	1	36	TTG	TGA	0	0	
mORF_+_194468	194468	194665	+	2	198	ATG	TGA	0	0	
mORF_+_194527	194527	194598	+	1	72	ATG	TGA	0	0	
mORF_+_194641	194641	194700	+	1	60	GTG	TGA	0	0	
mORF_+_194748	194748	194759	+	3	12	TTG	TAG	0	0	
mORF_+_194767	194767	194775	+	1	9	GTG	TAG	0	0	
mORF_+_194800	194800	194811	+	1	12	TTG	TAA	0	0	
mORF_+_194820	194820	194906	+	3	87	ATG	TGA	0	0	
mORF_+_194825	194825	194869	+	2	45	GTG	TGA	0	0	
mORF_+_194903	194903	195664	+	2	762	GTG	TGA	4	6	pORF_+_194903
mORF_+_194949	194949	195098	+	3	150	ATG	TAA	0	0	
mORF_+_195105	195105	195158	+	3	54	ATG	TAA	0	0	
mORF_+_195168	195168	195194	+	3	27	TTG	TAA	0	0	
mORF_+_195172	195172	195186	+	1	15	GTG	TAG	0	0	
mORF_+_195231	195231	195293	+	3	63	TTG	TAA	0	0	
mORF_+_195324	195324	195356	+	3	33	TTG	TAG	0	0	
mORF_+_195346	195346	195381	+	1	36	TTG	TGA	0	0	
mORF_+_195420	195420	195434	+	3	15	ATG	TAA	0	0	
mORF_+_195441	195441	195470	+	3	30	ATG	TAG	0	0	
mORF_+_195520	195520	195579	+	1	60	TTG	TGA	0	0	
mORF_+_195528	195528	195602	+	3	75	TTG	TAA	0	0	
mORF_+_195603	195603	195683	+	3	81	ATG	TGA	0	0	
mORF_+_195664	195664	195816	+	1	153	ATG	TAG	0	0	
mORF_+_195677	195677	196534	+	2	858	TTG	TAA	0	0	
mORF_+_195705	195705	195713	+	3	9	TTG	TAA	0	0	
mORF_+_195765	195765	195770	+	3	6	TTG	TAA	0	0	
mORF_+_195844	195844	195933	+	1	90	ATG	TGA	0	0	
mORF_+_195930	195930	196055	+	3	126	TTG	TAA	0	0	
mORF_+_195943	195943	196020	+	1	78	TTG	TAA	0	0	
mORF_+_196059	196059	196151	+	3	93	TTG	TGA	0	0	

mORF+_196132	196132	196170	+	1	39	ATG	TGA	0	0	
mORF+_196188	196188	196283	+	3	96	TTG	TAA	0	0	
mORF+_196288	196288	196401	+	1	114	ATG	TAA	0	0	
mORF+_196296	196296	196364	+	3	69	ATG	TAG	0	0	
mORF+_196404	196404	196436	+	3	33	GTG	TAA	0	0	
mORF+_196449	196449	196460	+	3	12	GTG	TAG	0	0	
mORF+_196467	196467	196478	+	3	12	TTG	TGA	0	0	
mORF+_196497	196497	196544	+	3	48	TTG	TAA	0	0	
mORF+_196501	196501	197898	+	1	1398	TTG	TGA	2	4	pORF+_196501
mORF+_196583	196583	196672	+	2	90	TTG	TAG	0	0	
mORF+_196641	196641	196658	+	3	18	TTG	TGA	0	0	
mORF+_196676	196676	196735	+	2	60	TTG	TGA	0	0	
mORF+_196751	196751	196948	+	2	198	ATG	TAG	0	0	
mORF+_196979	196979	196999	+	2	21	TTG	TAA	0	0	
mORF+_197009	197009	197092	+	2	84	ATG	TAG	0	0	
mORF+_197028	197028	197060	+	3	33	TTG	TAA	0	0	
mORF+_197099	197099	197125	+	2	27	TTG	TAA	0	0	
mORF+_197150	197150	197308	+	2	159	TTG	TAA	0	0	
mORF+_197313	197313	197345	+	3	33	GTG	TAA	0	0	
mORF+_197324	197324	197329	+	2	6	TTG	TGA	0	0	
mORF+_197333	197333	197362	+	2	30	TTG	TAG	0	0	
mORF+_197429	197429	197557	+	2	129	ATG	TGA	0	0	
mORF+_197547	197547	197600	+	3	54	GTG	TGA	0	0	
mORF+_197597	197597	197605	+	2	9	GTG	TGA	0	0	
mORF+_197621	197621	197656	+	2	36	GTG	TGA	0	0	
mORF+_197672	197672	197710	+	2	39	TTG	TGA	0	0	
mORF+_197747	197747	197860	+	2	114	TTG	TAA	0	0	
mORF+_197823	197823	197882	+	3	60	TTG	TGA	0	0	
mORF+_197867	197867	197905	+	2	39	TTG	TAG	0	0	
mORF+_197895	197895	197909	+	3	15	ATG	TAG	0	0	
mORF+_197928	197928	200360	+	3	2433	ATG	TAA	110	499	pORF+_197928
mORF+_197986	197986	198003	+	1	18	GTG	TAG	0	0	
mORF+_198034	198034	198192	+	1	159	GTG	TAA	0	0	
mORF+_198208	198208	198243	+	1	36	TTG	TGA	0	0	
mORF+_198247	198247	198258	+	1	12	ATG	TGA	0	0	
mORF+_198280	198280	198381	+	1	102	GTG	TAA	0	0	
mORF+_198412	198412	198423	+	1	12	GTG	TAA	0	0	
mORF+_198442	198442	198507	+	1	66	GTG	TGA	0	0	
mORF+_198526	198526	198555	+	1	30	GTG	TAG	0	0	
mORF+_198539	198539	198565	+	2	27	GTG	TAA	0	0	
mORF+_198595	198595	198669	+	1	75	TTG	TGA	0	0	
mORF+_198739	198739	198747	+	1	9	TTG	TGA	0	0	
mORF+_198757	198757	198789	+	1	33	TTG	TGA	0	0	
mORF+_198805	198805	198831	+	1	27	GTG	TGA	0	0	
mORF+_198844	198844	198945	+	1	102	ATG	TGA	0	0	
mORF+_198949	198949	199095	+	1	147	TTG	TGA	0	0	
mORF+_199052	199052	199084	+	2	33	ATG	TAA	0	0	
mORF+_199111	199111	199182	+	1	72	TTG	TAA	0	0	
mORF+_199210	199210	199242	+	1	33	TTG	TGA	0	0	
mORF+_199255	199255	199278	+	1	24	GTG	TAG	0	0	
mORF+_199288	199288	199347	+	1	60	ATG	TAA	0	0	
mORF+_199369	199369	199377	+	1	9	ATG	TAA	0	0	
mORF+_199384	199384	199467	+	1	84	GTG	TGA	0	0	
mORF+_199504	199504	199713	+	1	210	GTG	TGA	0	0	
mORF+_199562	199562	199588	+	2	27	GTG	TGA	0	0	
mORF+_199652	199652	199663	+	2	12	TTG	TAA	0	0	
mORF+_199780	199780	199851	+	1	72	ATG	TAG	0	0	
mORF+_199805	199805	199843	+	2	39	ATG	TGA	0	0	
mORF+_199885	199885	200046	+	1	162	ATG	TAG	0	0	
mORF+_199994	199994	200029	+	2	36	ATG	TAA	0	0	
mORF+_200065	200065	200394	+	1	330	TTG	TAG	0	0	
mORF+_200159	200159	200209	+	2	51	TTG	TAG	0	0	
mORF+_200252	200252	200341	+	2	90	ATG	TAA	0	0	

mORF_+_200361	200361	200471	+	3	111	GTG	TAA	0	0	
mORF_+_200378	200378	200383	+	2	6	ATG	TAG	0	0	
mORF_+_200465	200465	200485	+	2	21	ATG	TGA	0	0	
mORF_+_200482	200482	200967	+	1	486	GTG	TAA	72	3528	pORF_+_200482
mORF_+_200490	200490	200546	+	3	57	GTG	TGA	0	0	
mORF_+_200552	200552	200590	+	2	39	TTG	TAG	0	0	
mORF_+_200603	200603	200686	+	2	84	GTG	TGA	0	0	
mORF_+_200762	200762	200854	+	2	93	TTG	TGA	0	0	
mORF_+_200861	200861	200929	+	2	69	TTG	TAA	0	0	
mORF_+_200971	200971	201996	+	1	1026	ATG	TAA	24	230	pORF_+_200971
mORF_+_201011	201011	201124	+	2	114	ATG	TAG	0	0	
mORF_+_201129	201129	201311	+	3	183	GTG	TAA	0	0	
mORF_+_201146	201146	201154	+	2	9	TTG	TGA	0	0	
mORF_+_201182	201182	201196	+	2	15	GTG	TAG	0	0	
mORF_+_201269	201269	201286	+	2	18	TTG	TGA	0	0	
mORF_+_201323	201323	201340	+	2	18	TTG	TGA	0	0	
mORF_+_201341	201341	201373	+	2	33	TTG	TGA	0	0	
mORF_+_201380	201380	201397	+	2	18	GTG	TAG	0	0	
mORF_+_201387	201387	201401	+	3	15	TTG	TAA	0	0	
mORF_+_201416	201416	201445	+	2	30	GTG	TAA	0	0	
mORF_+_201455	201455	201484	+	2	30	ATG	TGA	0	0	
mORF_+_201477	201477	201542	+	3	66	TTG	TAA	0	0	
mORF_+_201518	201518	201550	+	2	33	TTG	TGA	0	0	
mORF_+_201563	201563	201574	+	2	12	TTG	TAA	0	0	
mORF_+_201578	201578	201658	+	2	81	TTG	TGA	0	0	
mORF_+_201662	201662	201697	+	2	36	TTG	TGA	0	0	
mORF_+_201672	201672	201689	+	3	18	GTG	TAA	0	0	
mORF_+_201698	201698	201748	+	2	51	TTG	TGA	0	0	
mORF_+_201752	201752	201769	+	2	18	TTG	TGA	0	0	
mORF_+_201807	201807	201860	+	3	54	ATG	TGA	0	0	
mORF_+_201938	201938	201949	+	2	12	TTG	TGA	0	0	
mORF_+_201968	201968	202087	+	2	120	TTG	TGA	0	0	
mORF_+_202008	202008	202556	+	3	549	TTG	TGA	36	719	pORF_+_202008
mORF_+_202084	202084	202104	+	1	21	TTG	TGA	0	0	
mORF_+_202129	202129	202143	+	1	15	TTG	TAG	0	0	
mORF_+_202195	202195	202224	+	1	30	TTG	TAA	0	0	
mORF_+_202228	202228	202296	+	1	69	ATG	TGA	0	0	
mORF_+_202363	202363	202434	+	1	72	GTG	TGA	0	0	
mORF_+_202489	202489	202512	+	1	24	TTG	TAG	0	0	
mORF_+_202514	202514	202543	+	2	30	TTG	TAG	0	0	
mORF_+_202534	202534	202563	+	1	30	GTG	TGA	0	0	
mORF_+_202560	202560	203348	+	3	789	GTG	TAA	24	211	pORF_+_202560
mORF_+_202564	202564	202692	+	1	129	TTG	TGA	0	0	
mORF_+_202646	202646	202678	+	2	33	TTG	TGA	0	0	
mORF_+_202702	202702	202710	+	1	9	TTG	TGA	0	0	
mORF_+_202711	202711	202785	+	1	75	ATG	TGA	0	0	
mORF_+_202789	202789	202884	+	1	96	ATG	TGA	0	0	
mORF_+_202927	202927	202947	+	1	21	TTG	TAG	0	0	
mORF_+_202937	202937	202951	+	2	15	TTG	TAA	0	0	
mORF_+_202999	202999	203028	+	1	30	TTG	TGA	0	0	
mORF_+_203053	203053	203067	+	1	15	TTG	TGA	0	0	
mORF_+_203071	203071	203166	+	1	96	TTG	TGA	0	0	
mORF_+_203185	203185	203223	+	1	39	GTG	TGA	0	0	
mORF_+_203248	203248	203256	+	1	9	ATG	TGA	0	0	
mORF_+_203266	203266	203298	+	1	33	TTG	TGA	0	0	
mORF_+_203317	203317	203340	+	1	24	TTG	TGA	0	0	
mORF_+_203348	203348	204496	+	2	1149	ATG	TGA	4	8	pORF_+_203348
mORF_+_203373	203373	203423	+	3	51	TTG	TAA	0	0	
mORF_+_203442	203442	203534	+	3	93	ATG	TGA	0	0	
mORF_+_203541	203541	203594	+	3	54	TTG	TGA	0	0	
mORF_+_203604	203604	203615	+	3	12	TTG	TGA	0	0	
mORF_+_203622	203622	203756	+	3	135	ATG	TAG	0	0	
mORF_+_203728	203728	203811	+	1	84	GTG	TGA	0	0	

mORF_+_203808	203808	203870	+	3	63	ATG	TAG	0	0	
mORF_+_203827	203827	203856	+	1	30	GTG	TGA	0	0	
mORF_+_203883	203883	203987	+	3	105	ATG	TGA	0	0	
mORF_+_204048	204048	204233	+	3	186	ATG	TGA	0	0	
mORF_+_204190	204190	204276	+	1	87	GTG	TGA	0	0	
mORF_+_204279	204279	204317	+	3	39	ATG	TAG	0	0	
mORF_+_204340	204340	204345	+	1	6	GTG	TGA	0	0	
mORF_+_204342	204342	204488	+	3	147	GTG	TAG	0	0	
mORF_+_204493	204493	205089	+	1	597	ATG	TGA	0	0	
mORF_+_204503	204503	204562	+	2	60	TTG	TAG	0	0	
mORF_+_204563	204563	204589	+	2	27	TTG	TGA	0	0	
mORF_+_204593	204593	204622	+	2	30	TTG	TGA	0	0	
mORF_+_204623	204623	204640	+	2	18	ATG	TGA	0	0	
mORF_+_204665	204665	204691	+	2	27	ATG	TGA	0	0	
mORF_+_204746	204746	204811	+	2	66	ATG	TGA	0	0	
mORF_+_204812	204812	204862	+	2	51	TTG	TGA	0	0	
mORF_+_204890	204890	204916	+	2	27	GTG	TGA	0	0	
mORF_+_204920	204920	205111	+	2	192	GTG	TAA	0	0	
mORF_+_205093	205093	205107	+	1	15	TTG	TAA	0	0	
mORF_+_205095	205095	205133	+	3	39	GTG	TGA	0	0	
mORF_+_205126	205126	208608	+	1	3483	ATG	TAA	4	2	pORF_+_205126
mORF_+_205181	205181	205210	+	2	30	ATG	TAA	0	0	
mORF_+_205266	205266	205313	+	3	48	TTG	TAA	0	0	
mORF_+_205268	205268	205279	+	2	12	GTG	TGA	0	0	
mORF_+_205298	205298	205369	+	2	72	ATG	TAA	0	0	
mORF_+_205344	205344	205361	+	3	18	GTG	TGA	0	0	
mORF_+_205454	205454	205498	+	2	45	GTG	TAA	0	0	
mORF_+_205559	205559	205579	+	2	21	GTG	TAG	0	0	
mORF_+_205580	205580	205636	+	2	57	ATG	TGA	0	0	
mORF_+_205584	205584	205601	+	3	18	GTG	TGA	0	0	
mORF_+_205655	205655	205933	+	2	279	ATG	TAA	0	0	
mORF_+_205863	205863	205868	+	3	6	GTG	TGA	0	0	
mORF_+_205943	205943	205984	+	2	42	TTG	TGA	0	0	
mORF_+_206009	206009	206200	+	2	192	GTG	TAG	0	0	
mORF_+_206172	206172	206186	+	3	15	GTG	TAA	0	0	
mORF_+_206210	206210	206248	+	2	39	GTG	TGA	0	0	
mORF_+_206276	206276	206380	+	2	105	TTG	TAG	0	0	
mORF_+_206396	206396	206449	+	2	54	GTG	TGA	0	0	
mORF_+_206489	206489	206512	+	2	24	TTG	TGA	0	0	
mORF_+_206549	206549	206608	+	2	60	TTG	TGA	0	0	
mORF_+_206663	206663	206782	+	2	120	GTG	TGA	0	0	
mORF_+_206795	206795	206839	+	2	45	TTG	TGA	0	0	
mORF_+_206861	206861	206974	+	2	114	ATG	TGA	0	0	
mORF_+_207092	207092	207145	+	2	54	ATG	TGA	0	0	
mORF_+_207126	207126	207137	+	3	12	GTG	TGA	0	0	
mORF_+_207203	207203	207352	+	2	150	TTG	TGA	0	0	
mORF_+_207416	207416	207448	+	2	33	ATG	TGA	0	0	
mORF_+_207441	207441	207533	+	3	93	ATG	TGA	0	0	
mORF_+_207530	207530	207553	+	2	24	ATG	TGA	0	0	
mORF_+_207534	207534	207653	+	3	120	GTG	TGA	0	0	
mORF_+_207623	207623	207748	+	2	126	ATG	TGA	0	0	
mORF_+_207788	207788	207820	+	2	33	TTG	TGA	0	0	
mORF_+_207836	207836	207844	+	2	9	ATG	TAA	0	0	
mORF_+_207926	207926	207976	+	2	51	TTG	TAG	0	0	
mORF_+_207954	207954	207989	+	3	36	GTG	TGA	0	0	
mORF_+_207977	207977	207997	+	2	21	ATG	TAG	0	0	
mORF_+_208043	208043	208066	+	2	24	TTG	TAA	0	0	
mORF_+_208094	208094	208210	+	2	117	GTG	TGA	0	0	
mORF_+_208292	208292	208321	+	2	30	TTG	TGA	0	0	
mORF_+_208343	208343	208390	+	2	48	TTG	TGA	0	0	
mORF_+_208403	208403	208420	+	2	18	TTG	TAA	0	0	
mORF_+_208493	208493	208555	+	2	63	ATG	TAA	0	0	
mORF_+_208524	208524	208604	+	3	81	GTG	TGA	0	0	

mORF_+_208565	208565	208624	+	2	60	GTG	TGA	0	0	
mORF_+_208621	208621	209580	+	1	960	ATG	TAA	76	1725	pORF_+_208621
mORF_+_208637	208637	208687	+	2	51	TTG	TGA	0	0	
mORF_+_208706	208706	208765	+	2	60	ATG	TAG	0	0	
mORF_+_208796	208796	208960	+	2	165	GTG	TGA	0	0	
mORF_+_208800	208800	208871	+	3	72	ATG	TGA	0	0	
mORF_+_208967	208967	209059	+	2	93	TTG	TGA	0	0	
mORF_+_209144	209144	209206	+	2	63	GTG	TAG	0	0	
mORF_+_209208	209208	209225	+	3	18	TTG	TGA	0	0	
mORF_+_209222	209222	209272	+	2	51	GTG	TGA	0	0	
mORF_+_209316	209316	209366	+	3	51	TTG	TGA	0	0	
mORF_+_209318	209318	209395	+	2	78	GTG	TGA	0	0	
mORF_+_209438	209438	209479	+	2	42	GTG	TGA	0	0	
mORF_+_209612	209612	209650	+	2	39	GTG	TGA	0	0	
mORF_+_209647	209647	209682	+	1	36	ATG	TGA	0	0	
mORF_+_209679	209679	211820	+	3	2142	ATG	TAA	6	14	pORF_+_209679
mORF_+_209689	209689	209808	+	1	120	TTG	TGA	0	0	
mORF_+_209834	209834	209851	+	2	18	TTG	TGA	0	0	
mORF_+_209848	209848	210396	+	1	549	TTG	TGA	1	5	pORF_+_209848
mORF_+_209876	209876	209881	+	2	6	ATG	TAG	0	0	
mORF_+_210119	210119	210184	+	2	66	TTG	TGA	0	0	
mORF_+_210407	210407	210415	+	2	9	TTG	TAA	0	0	
mORF_+_210445	210445	210450	+	1	6	ATG	TAG	0	0	
mORF_+_210478	210478	210585	+	1	108	ATG	TGA	0	0	
mORF_+_210566	210566	210604	+	2	39	ATG	TGA	0	0	
mORF_+_210601	210601	210726	+	1	126	ATG	TGA	0	0	
mORF_+_210736	210736	210753	+	1	18	GTG	TGA	0	0	
mORF_+_210829	210829	210861	+	1	33	ATG	TGA	0	0	
mORF_+_210892	210892	210951	+	1	60	TTG	TGA	0	0	
mORF_+_211022	211022	211060	+	2	39	TTG	TGA	0	0	
mORF_+_211057	211057	211161	+	1	105	ATG	TGA	0	0	
mORF_+_211067	211067	211108	+	2	42	ATG	TAA	0	0	
mORF_+_211240	211240	211251	+	1	12	GTG	TAG	0	0	
mORF_+_211294	211294	211338	+	1	45	TTG	TGA	0	0	
mORF_+_211399	211399	211467	+	1	69	ATG	TGA	0	0	
mORF_+_211547	211547	211564	+	2	18	ATG	TAA	0	0	
mORF_+_211582	211582	211623	+	1	42	TTG	TGA	0	0	
mORF_+_211715	211715	211747	+	2	33	TTG	TGA	0	0	
mORF_+_211744	211744	211806	+	1	63	TTG	TAA	0	0	
mORF_+_211822	211822	211848	+	1	27	TTG	TAA	0	0	
mORF_+_211850	211850	212266	+	2	417	GTG	TAA	5	25	pORF_+_211850
mORF_+_211905	211905	211934	+	3	30	TTG	TGA	0	0	
mORF_+_211959	211959	212042	+	3	84	TTG	TGA	0	0	
mORF_+_212005	212005	212028	+	1	24	ATG	TAA	0	0	
mORF_+_212043	212043	212171	+	3	129	TTG	TGA	0	0	
mORF_+_212095	212095	212121	+	1	27	TTG	TAG	0	0	
mORF_+_212173	212173	212178	+	1	6	GTG	TGA	0	0	
mORF_+_212175	212175	212318	+	3	144	GTG	TAA	0	0	
mORF_+_212270	212270	212350	+	2	81	TTG	TAG	0	0	
mORF_+_212331	212331	213629	+	3	1299	ATG	TAA	2	6	pORF_+_212331
mORF_+_212398	212398	212490	+	1	93	TTG	TAA	0	0	
mORF_+_212432	212432	212599	+	2	168	GTG	TGA	0	0	
mORF_+_212491	212491	212715	+	1	225	GTG	TAA	0	0	
mORF_+_212690	212690	212695	+	2	6	ATG	TGA	0	0	
mORF_+_212725	212725	212913	+	1	189	GTG	TAG	0	0	
mORF_+_212825	212825	212842	+	2	18	GTG	TGA	0	0	
mORF_+_212933	212933	212983	+	2	51	TTG	TGA	0	0	
mORF_+_212944	212944	213024	+	1	81	TTG	TAG	0	0	
mORF_+_213058	213058	213078	+	1	21	TTG	TGA	0	0	
mORF_+_213079	213079	213159	+	1	81	GTG	TGA	0	0	
mORF_+_213193	213193	213462	+	1	270	ATG	TAA	0	0	
mORF_+_213251	213251	213262	+	2	12	GTG	TAA	0	0	
mORF_+_213296	213296	213355	+	2	60	GTG	TAA	0	0	

mORF_+_213494	213494	213505	+	2	12	GTG	TGA	0	0	
mORF_+_213502	213502	213540	+	1	39	GTG	TGA	0	0	
mORF_+_213541	213541	213564	+	1	24	TTG	TGA	0	0	
mORF_+_213574	213574	213600	+	1	27	GTG	TAA	0	0	
mORF_+_213604	213604	213633	+	1	30	TTG	TGA	0	0	
mORF_+_213630	213630	213644	+	3	15	GTG	TAA	0	0	
mORF_+_213714	213714	213806	+	3	93	GTG	TAA	2	8	pORF_+_213714
mORF_+_213793	213793	213867	+	1	75	TTG	TGA	0	0	
mORF_+_213818	213818	213910	+	2	93	TTG	TGA	0	0	
mORF_+_213864	213864	213935	+	3	72	ATG	TGA	0	0	
mORF_+_213907	213907	213918	+	1	12	TTG	TGA	0	0	
mORF_+_213911	213911	213940	+	2	30	TTG	TAA	0	0	
mORF_+_213957	213957	213986	+	3	30	TTG	TGA	0	0	
mORF_+_214097	214097	214153	+	2	57	TTG	TAA	0	0	
mORF_+_214126	214126	214185	+	1	60	ATG	TAA	0	0	
mORF_+_214160	214160	214171	+	2	12	ATG	TAA	0	0	
mORF_+_214201	214201	214272	+	1	72	GTG	TGA	0	0	
mORF_+_214291	214291	214836	+	1	546	ATG	TGA	0	0	
mORF_+_214328	214328	214372	+	2	45	ATG	TGA	0	0	
mORF_+_214428	214428	214445	+	3	18	GTG	TGA	0	0	
mORF_+_214439	214439	214717	+	2	279	ATG	TAA	0	0	
mORF_+_214473	214473	214484	+	3	12	GTG	TGA	0	0	
mORF_+_214497	214497	214508	+	3	12	GTG	TAA	0	0	
mORF_+_214530	214530	214538	+	3	9	GTG	TGA	0	0	
mORF_+_214635	214635	214700	+	3	66	GTG	TGA	0	0	
mORF_+_214724	214724	214741	+	2	18	TTG	TGA	0	0	
mORF_+_214763	214763	214771	+	2	9	ATG	TGA	0	0	
mORF_+_214784	214784	214807	+	2	24	ATG	TGA	0	0	
mORF_+_214833	214833	215255	+	3	423	ATG	TAA	0	0	
mORF_+_214837	214837	214842	+	1	6	TTG	TGA	0	0	
mORF_+_214852	214852	215022	+	1	171	ATG	TGA	0	0	
mORF_+_215029	215029	215040	+	1	12	GTG	TGA	0	0	
mORF_+_215041	215041	215079	+	1	39	TTG	TGA	0	0	
mORF_+_215167	215167	215217	+	1	51	GTG	TGA	0	0	
mORF_+_215265	215265	215333	+	3	69	ATG	TAA	0	0	
mORF_+_215269	215269	215979	+	1	711	ATG	TAA	7	19	pORF_+_215269
mORF_+_215400	215400	215486	+	3	87	TTG	TGA	0	0	
mORF_+_215420	215420	215479	+	2	60	GTG	TGA	0	0	
mORF_+_215483	215483	215569	+	2	87	ATG	TAA	0	0	
mORF_+_215538	215538	215555	+	3	18	ATG	TGA	0	0	
mORF_+_215582	215582	215701	+	2	120	GTG	TGA	0	0	
mORF_+_215741	215741	215788	+	2	48	ATG	TAG	0	0	
mORF_+_215760	215760	215795	+	3	36	TTG	TAA	0	0	
mORF_+_215837	215837	215863	+	2	27	GTG	TAG	0	0	
mORF_+_215879	215879	215989	+	2	111	TTG	TGA	0	0	
mORF_+_215958	215958	215966	+	3	9	TTG	TAG	0	0	
mORF_+_215986	215986	216039	+	1	54	TTG	TGA	0	0	
mORF_+_216036	216036	216107	+	3	72	TTG	TGA	0	0	
mORF_+_216053	216053	216058	+	2	6	TTG	TAG	0	0	
mORF_+_216107	216107	216250	+	2	144	ATG	TAA	0	0	
mORF_+_216130	216130	216156	+	1	27	ATG	TAA	0	0	
mORF_+_216210	216210	216218	+	3	9	TTG	TAA	0	0	
mORF_+_216293	216293	216424	+	2	132	ATG	TAA	0	0	
mORF_+_216334	216334	216339	+	1	6	GTG	TAA	0	0	
mORF_+_216340	216340	216372	+	1	33	GTG	TGA	0	0	
mORF_+_216354	216354	216539	+	3	186	TTG	TAG	0	0	
mORF_+_216455	216455	216487	+	2	33	TTG	TGA	0	0	
mORF_+_216484	216484	216510	+	1	27	GTG	TAA	0	0	
mORF_+_216555	216555	216728	+	3	174	TTG	TGA	0	0	
mORF_+_216590	216590	216619	+	2	30	TTG	TAA	0	0	
mORF_+_216638	216638	216766	+	2	129	ATG	TGA	0	0	
mORF_+_216718	216718	216747	+	1	30	TTG	TGA	0	0	
mORF_+_216741	216741	216860	+	3	120	GTG	TGA	0	0	

mORF_+_216763	216763	216810	+	1	48	ATG	TGA	0	0	
mORF_+_216817	216817	216849	+	1	33	GTG	TGA	0	0	
mORF_+_216839	216839	216913	+	2	75	TTG	TGA	0	0	
mORF_+_216870	216870	217067	+	3	198	TTG	TAA	0	0	
mORF_+_216880	216880	216930	+	1	51	ATG	TGA	0	0	
mORF_+_216991	216991	217035	+	1	45	TTG	TGA	0	0	
mORF_+_217016	217016	217021	+	2	6	ATG	TAA	0	0	
mORF_+_217091	217091	217399	+	2	309	ATG	TAG	0	0	
mORF_+_217186	217186	217767	+	1	582	GTG	TGA	0	0	
mORF_+_217269	217269	217367	+	3	99	GTG	TAG	0	0	
mORF_+_217503	217503	217562	+	3	60	GTG	TGA	0	0	
mORF_+_217517	217517	217540	+	2	24	TTG	TGA	0	0	
mORF_+_217559	217559	217669	+	2	111	TTG	TAG	0	0	
mORF_+_217590	217590	217637	+	3	48	TTG	TAG	0	0	
mORF_+_217682	217682	217873	+	2	192	ATG	TGA	0	0	
mORF_+_217764	217764	217784	+	3	21	GTG	TAA	0	0	
mORF_+_217827	217827	217856	+	3	30	TTG	TAA	0	0	
mORF_+_217870	217870	218661	+	1	792	GTG	TAA	0	0	
mORF_+_217964	217964	218092	+	2	129	TTG	TAG	0	0	
mORF_+_218099	218099	218155	+	2	57	GTG	TGA	0	0	
mORF_+_218180	218180	218236	+	2	57	GTG	TAG	0	0	
mORF_+_218247	218247	218330	+	3	84	TTG	TGA	0	0	
mORF_+_218327	218327	218377	+	2	51	ATG	TGA	0	0	
mORF_+_218399	218399	218404	+	2	6	TTG	TAA	0	0	
mORF_+_218432	218432	218449	+	2	18	GTG	TGA	0	0	
mORF_+_218451	218451	218714	+	3	264	TTG	TGA	0	0	
mORF_+_218588	218588	218707	+	2	120	TTG	TGA	0	0	
mORF_+_218707	218707	218802	+	1	96	ATG	TAG	0	0	
mORF_+_218733	218733	218744	+	3	12	GTG	TGA	0	0	
mORF_+_218741	218741	218839	+	2	99	TTG	TGA	0	0	
mORF_+_218836	218836	218844	+	1	9	GTG	TAG	0	0	
mORF_+_218852	218852	218884	+	2	33	GTG	TGA	0	0	
mORF_+_218863	218863	218958	+	1	96	ATG	TAG	0	0	
mORF_+_218927	218927	218971	+	2	45	GTG	TAG	0	0	
mORF_+_218975	218975	219001	+	2	27	TTG	TAG	0	0	
mORF_+_219133	219133	219426	+	1	294	TTG	TAA	0	0	
mORF_+_219188	219188	219403	+	2	216	TTG	TGA	1	4	pORF_+_219188
mORF_+_219297	219297	219305	+	3	9	TTG	TAG	0	0	
mORF_+_219321	219321	219434	+	3	114	GTG	TGA	0	0	
mORF_+_219427	219427	219636	+	1	210	ATG	TGA	0	0	
mORF_+_219467	219467	219472	+	2	6	TTG	TAG	0	0	
mORF_+_219479	219479	219550	+	2	72	ATG	TAG	0	0	
mORF_+_219661	219661	219762	+	1	102	GTG	TGA	0	0	
mORF_+_219675	219675	219683	+	3	9	ATG	TAA	0	0	
mORF_+_219717	219717	219824	+	3	108	TTG	TAA	0	0	
mORF_+_219731	219731	219766	+	2	36	GTG	TAG	0	0	
mORF_+_219814	219814	219843	+	1	30	TTG	TAA	0	0	
mORF_+_219856	219856	219915	+	1	60	GTG	TGA	0	0	
mORF_+_219878	219878	219964	+	2	87	TTG	TGA	0	0	
mORF_+_219912	219912	219941	+	3	30	TTG	TAA	0	0	
mORF_+_219943	219943	220083	+	1	141	ATG	TGA	2	8	pORF_+_219943
mORF_+_219965	219965	219997	+	2	33	GTG	TAG	0	0	
mORF_+_220008	220008	220079	+	3	72	ATG	TGA	0	0	
mORF_+_220043	220043	220048	+	2	6	TTG	TAA	0	0	
mORF_+_220080	220080	220109	+	3	30	ATG	TAA	0	0	
mORF_+_220093	220093	220164	+	1	72	TTG	TAA	0	0	
mORF_+_220151	220151	220327	+	2	177	TTG	TGA	0	0	
mORF_+_220216	220216	220317	+	1	102	TTG	TAG	0	0	
mORF_+_220318	220318	220581	+	1	264	GTG	TAA	0	0	
mORF_+_220344	220344	220496	+	3	153	TTG	TGA	0	0	
mORF_+_220376	220376	220465	+	2	90	GTG	TGA	0	0	
mORF_+_220493	220493	220510	+	2	18	GTG	TAG	0	0	
mORF_+_220511	220511	220567	+	2	57	TTG	TGA	0	0	

mORF_+_220603	220603	220629	+	1	27	GTG	TAG	0	0	
mORF_+_220644	220644	220880	+	3	237	TTG	TGA	0	0	
mORF_+_220678	220678	220725	+	1	48	TTG	TAG	0	0	
mORF_+_220703	220703	220732	+	2	30	ATG	TGA	0	0	
mORF_+_220729	220729	220857	+	1	129	TTG	TGA	0	0	
mORF_+_220838	220838	220915	+	2	78	TTG	TGA	0	0	
mORF_+_220912	220912	221013	+	1	102	TTG	TGA	0	0	
mORF_+_220953	220953	220964	+	3	12	ATG	TGA	0	0	
mORF_+_220958	220958	220981	+	2	24	GTG	TGA	0	0	
mORF_+_221029	221029	221073	+	1	45	ATG	TAG	0	0	
mORF_+_221077	221077	221082	+	1	6	ATG	TAG	0	0	
mORF_+_221164	221164	221508	+	1	345	GTG	TAA	1	2	pORF_+_221164
mORF_+_221171	221171	221314	+	2	144	TTG	TAA	0	0	
mORF_+_221318	221318	221380	+	2	63	GTG	TAA	0	0	
mORF_+_221487	221487	221714	+	3	228	TTG	TGA	0	0	
mORF_+_221567	221567	221623	+	2	57	TTG	TAA	0	0	
mORF_+_221644	221644	222183	+	1	540	ATG	TAA	0	0	
mORF_+_221666	221666	221740	+	2	75	ATG	TAA	0	0	
mORF_+_221759	221759	221821	+	2	63	ATG	TGA	0	0	
mORF_+_221802	221802	221828	+	3	27	GTG	TAA	0	0	
mORF_+_221862	221862	221927	+	3	66	ATG	TAA	0	0	
mORF_+_221975	221975	222238	+	2	264	GTG	TAG	0	0	
mORF_+_222117	222117	222296	+	3	180	GTG	TGA	0	0	
mORF_+_222205	222205	222270	+	1	66	TTG	TGA	0	0	
mORF_+_222293	222293	222547	+	2	255	TTG	TAA	0	0	
mORF_+_222309	222309	222374	+	3	66	GTG	TAA	0	0	
mORF_+_222376	222376	222429	+	1	54	ATG	TGA	0	0	
mORF_+_222474	222474	222506	+	3	33	TTG	TAA	0	0	
mORF_+_222550	222550	222648	+	1	99	TTG	TGA	0	0	
mORF_+_222578	222578	222673	+	2	96	TTG	TAG	0	0	
mORF_+_222645	222645	222668	+	3	24	TTG	TAA	0	0	
mORF_+_222676	222676	222801	+	1	126	GTG	TAG	0	0	
mORF_+_222713	222713	222745	+	2	33	ATG	TAA	0	0	
mORF_+_222759	222759	222959	+	3	201	ATG	TAA	0	0	
mORF_+_222776	222776	222829	+	2	54	TTG	TAA	0	0	
mORF_+_222808	222808	222819	+	1	12	ATG	TAA	0	0	
mORF_+_222833	222833	223408	+	2	576	GTG	TGA	14	84	pORF_+_222833
mORF_+_222972	222972	222986	+	3	15	TTG	TAG	0	0	
mORF_+_223005	223005	223046	+	3	42	TTG	TGA	0	0	
mORF_+_223051	223051	223128	+	1	78	GTG	TAG	0	0	
mORF_+_223080	223080	223247	+	3	168	ATG	TAG	0	0	
mORF_+_223156	223156	223212	+	1	57	TTG	TGA	0	0	
mORF_+_223266	223266	223352	+	3	87	TTG	TAA	0	0	
mORF_+_223342	223342	223356	+	1	15	TTG	TAG	0	0	
mORF_+_223405	223405	223419	+	1	15	ATG	TGA	0	0	
mORF_+_223416	223416	223427	+	3	12	ATG	TGA	0	0	
mORF_+_223424	223424	223432	+	2	9	TTG	TAA	0	0	
mORF_+_223435	223435	223503	+	1	69	ATG	TGA	0	0	
mORF_+_223449	223449	223460	+	3	12	TTG	TGA	0	0	
mORF_+_223475	223475	223534	+	2	60	ATG	TGA	0	0	
mORF_+_223500	223500	223562	+	3	63	GTG	TGA	0	0	
mORF_+_223531	223531	223611	+	1	81	TTG	TGA	0	0	
mORF_+_223559	223559	223606	+	2	48	TTG	TGA	0	0	
mORF_+_223655	223655	223684	+	2	30	GTG	TAA	0	0	
mORF_+_223657	223657	223704	+	1	48	GTG	TGA	0	0	
mORF_+_223701	223701	223724	+	3	24	ATG	TGA	0	0	
mORF_+_223721	223721	223732	+	2	12	GTG	TAA	0	0	
mORF_+_223754	223754	223777	+	2	24	TTG	TGA	0	0	
mORF_+_223774	223774	223821	+	1	48	TTG	TAA	0	0	
mORF_+_223799	223799	223909	+	2	111	TTG	TGA	0	0	
mORF_+_223825	223825	223842	+	1	18	ATG	TAA	0	0	
mORF_+_223854	223854	223868	+	3	15	TTG	TGA	0	0	
mORF_+_223872	223872	223886	+	3	15	GTG	TGA	0	0	

mORF_+_223890	223890	223922	+	3	33	ATG	TAA	0	0
mORF_+_223909	223909	223938	+	1	30	ATG	TAG	0	0
mORF_+_223988	223988	224017	+	2	30	TTG	TAG	0	0
mORF_+_223998	223998	224021	+	3	24	ATG	TAG	0	0
mORF_+_224008	224008	224076	+	1	69	ATG	TGA	0	0
mORF_+_224025	224025	224033	+	3	9	GTG	TAA	0	0
mORF_+_224073	224073	224159	+	3	87	ATG	TGA	0	0
mORF_+_224137	224137	224181	+	1	45	TTG	TGA	0	0
mORF_+_224144	224144	224230	+	2	87	ATG	TAA	0	0
mORF_+_224178	224178	224201	+	3	24	ATG	TAA	0	0
mORF_+_224242	224242	224280	+	1	39	TTG	TAA	0	0
mORF_+_224249	224249	224377	+	2	129	TTG	TGA	0	0
mORF_+_224374	224374	224523	+	1	150	GTG	TGA	0	0
mORF_+_224453	224453	224458	+	2	6	GTG	TAG	0	0
mORF_+_224466	224466	224561	+	3	96	ATG	TAG	0	0
mORF_+_224492	224492	224635	+	2	144	GTG	TAA	0	0
mORF_+_224589	224589	224615	+	3	27	ATG	TGA	0	0
mORF_+_224619	224619	224693	+	3	75	GTG	TGA	0	0
mORF_+_224690	224690	224764	+	2	75	TTG	TGA	0	0
mORF_+_224712	224712	224729	+	3	18	GTG	TAA	0	0
mORF_+_224719	224719	224850	+	1	132	ATG	TGA	0	0
mORF_+_224786	224786	224812	+	2	27	ATG	TGA	0	0
mORF_+_224825	224825	224863	+	2	39	ATG	TAA	0	0
mORF_+_224847	224847	225212	+	3	366	GTG	TAG	0	0
mORF_+_224974	224974	225102	+	1	129	ATG	TGA	0	0
mORF_+_225077	225077	225208	+	2	132	TTG	TAG	0	0
mORF_+_225133	225133	225144	+	1	12	ATG	TGA	0	0
mORF_+_225160	225160	225246	+	1	87	TTG	TGA	0	0
mORF_+_225243	225243	225278	+	3	36	GTG	TAA	0	0
mORF_+_225250	225250	225270	+	1	21	ATG	TAA	0	0
mORF_+_225297	225297	225371	+	3	75	TTG	TAA	0	0
mORF_+_225335	225335	225355	+	2	21	GTG	TGA	0	0
mORF_+_225355	225355	225390	+	1	36	ATG	TAG	0	0
mORF_+_225396	225396	225416	+	3	21	GTG	TGA	0	0
mORF_+_225422	225422	225595	+	2	174	GTG	TAA	0	0
mORF_+_225474	225474	225488	+	3	15	TTG	TAA	0	0
mORF_+_225493	225493	225567	+	1	75	ATG	TAG	0	0
mORF_+_225498	225498	225509	+	3	12	ATG	TAG	0	0
mORF_+_225609	225609	225701	+	3	93	GTG	TGA	0	0
mORF_+_225638	225638	225673	+	2	36	TTG	TGA	0	0
mORF_+_225670	225670	225681	+	1	12	TTG	TGA	0	0
mORF_+_225685	225685	225810	+	1	126	ATG	TGA	0	0
mORF_+_225692	225692	225772	+	2	81	TTG	TAA	0	0
mORF_+_225753	225753	225758	+	3	6	TTG	TGA	0	0
mORF_+_225782	225782	225832	+	2	51	GTG	TAA	0	0
mORF_+_225786	225786	225842	+	3	57	ATG	TAA	0	0
mORF_+_225844	225844	225852	+	1	9	GTG	TGA	0	0
mORF_+_225849	225849	225914	+	3	66	ATG	TAA	0	0
mORF_+_225877	225877	225918	+	1	42	ATG	TGA	0	0
mORF_+_225890	225890	225931	+	2	42	GTG	TAA	0	0
mORF_+_225931	225931	226053	+	1	123	ATG	TAG	0	0
mORF_+_226041	226041	226088	+	3	48	GTG	TGA	0	0
mORF_+_226043	226043	226120	+	2	78	GTG	TGA	0	0
mORF_+_226117	226117	226197	+	1	81	GTG	TGA	0	0
mORF_+_226208	226208	226306	+	2	99	GTG	TAG	0	0
mORF_+_226221	226221	226259	+	3	39	GTG	TGA	0	0
mORF_+_226276	226276	226314	+	1	39	GTG	TGA	0	0
mORF_+_226299	226299	226358	+	3	60	ATG	TAG	0	0
mORF_+_226333	226333	226413	+	1	81	ATG	TAA	0	0
mORF_+_226415	226415	226474	+	2	60	TTG	TAA	0	0
mORF_+_226440	226440	226448	+	3	9	GTG	TAG	0	0
mORF_+_226467	226467	226592	+	3	126	TTG	TAG	0	0
mORF_+_226501	226501	226515	+	1	15	ATG	TAG	0	0

mORF_+_226519	226519	226539	+	1	21	ATG	TGA	0	0
mORF_+_226526	226526	226588	+	2	63	GTG	TAG	0	0
mORF_+_226599	226599	226718	+	3	120	GTG	TAA	0	0
mORF_+_226663	226663	226779	+	1	117	ATG	TAA	0	0
mORF_+_226712	226712	226759	+	2	48	GTG	TAA	0	0
mORF_+_226772	226772	226843	+	2	72	ATG	TAA	0	0
mORF_+_226780	226780	226854	+	1	75	GTG	TAA	0	0
mORF_+_226815	226815	226826	+	3	12	ATG	TAG	0	0
mORF_+_226887	226887	226892	+	3	6	ATG	TAA	0	0
mORF_+_226905	226905	227018	+	3	114	ATG	TGA	0	0
mORF_+_226933	226933	226971	+	1	39	ATG	TGA	0	0
mORF_+_226981	226981	227100	+	1	120	GTG	TGA	0	0
mORF_+_226988	226988	227023	+	2	36	ATG	TAA	0	0
mORF_+_227039	227039	227086	+	2	48	GTG	TAA	0	0
mORF_+_227097	227097	227132	+	3	36	GTG	TAG	0	0
mORF_+_227136	227136	227228	+	3	93	ATG	TAA	0	0
mORF_+_227197	227197	227280	+	1	84	ATG	TGA	0	0
mORF_+_227231	227231	227236	+	2	6	GTG	TAG	0	0
mORF_+_227277	227277	227408	+	3	132	GTG	TGA	0	0
mORF_+_227296	227296	227349	+	1	54	GTG	TAA	0	0
mORF_+_227378	227378	227389	+	2	12	GTG	TAG	0	0
mORF_+_227405	227405	227422	+	2	18	TTG	TGA	0	0
mORF_+_227419	227419	227448	+	1	30	GTG	TAA	0	0
mORF_+_227471	227471	227476	+	2	6	ATG	TAG	0	0
mORF_+_227477	227477	227542	+	2	66	GTG	TAA	0	0
mORF_+_227487	227487	227612	+	3	126	TTG	TAA	0	0
mORF_+_227555	227555	227587	+	2	33	GTG	TGA	0	0
mORF_+_227569	227569	227616	+	1	48	GTG	TGA	0	0
mORF_+_227613	227613	227711	+	3	99	TTG	TAA	0	0
mORF_+_227701	227701	227736	+	1	36	TTG	TAA	0	0
mORF_+_227736	227736	227771	+	3	36	ATG	TGA	0	0
mORF_+_227768	227768	227788	+	2	21	GTG	TGA	0	0
mORF_+_227785	227785	227841	+	1	57	GTG	TAG	0	0
mORF_+_227796	227796	227828	+	3	33	GTG	TGA	0	0
mORF_+_227825	227825	227866	+	2	42	GTG	TGA	0	0
mORF_+_227856	227856	227873	+	3	18	TTG	TAG	0	0
mORF_+_227863	227863	227892	+	1	30	TTG	TGA	0	0
mORF_+_227879	227879	228025	+	2	147	GTG	TAA	0	0
mORF_+_227889	227889	227927	+	3	39	TTG	TGA	0	0
mORF_+_227896	227896	227949	+	1	54	GTG	TGA	0	0
mORF_+_227946	227946	227957	+	3	12	TTG	TAA	0	0
mORF_+_227977	227977	228000	+	1	24	TTG	TAG	0	0
mORF_+_228049	228049	228081	+	1	33	TTG	TAG	0	0
mORF_+_228081	228081	228104	+	3	24	GTG	TGA	0	0
mORF_+_228086	228086	228094	+	2	9	ATG	TAA	0	0
mORF_+_228101	228101	228217	+	2	117	TTG	TGA	0	0
mORF_+_228129	228129	228164	+	3	36	GTG	TGA	0	0
mORF_+_228165	228165	228191	+	3	27	ATG	TAA	0	0
mORF_+_228246	228246	228293	+	3	48	GTG	TAG	0	0
mORF_+_228250	228250	228288	+	1	39	TTG	TGA	0	0
mORF_+_228305	228305	228346	+	2	42	ATG	TAG	0	0
mORF_+_228325	228325	228480	+	1	156	GTG	TAG	0	0
mORF_+_228353	228353	228397	+	2	45	GTG	TGA	0	0
mORF_+_228429	228429	228506	+	3	78	GTG	TGA	0	0
mORF_+_228458	228458	228484	+	2	27	ATG	TAA	0	0
mORF_+_228485	228485	228499	+	2	15	ATG	TAA	0	0
mORF_+_228500	228500	228550	+	2	51	GTG	TGA	0	0
mORF_+_228526	228526	228558	+	1	33	TTG	TGA	0	0
mORF_+_228555	228555	228578	+	3	24	TTG	TGA	0	0
mORF_+_228575	228575	228631	+	2	57	TTG	TAA	0	0
mORF_+_228604	228604	228609	+	1	6	GTG	TAA	0	0
mORF_+_228618	228618	228626	+	3	9	ATG	TGA	0	0
mORF_+_228641	228641	228658	+	2	18	ATG	TAA	0	0

mORF_+_228648	228648	228710	+	3	63	GTG	TGA	0	0	
mORF_+_228680	228680	228691	+	2	12	TTG	TGA	0	0	
mORF_+_228688	228688	228720	+	1	33	TTG	TAA	0	0	
mORF_+_228755	228755	228883	+	2	129	TTG	TAA	0	0	
mORF_+_228828	228828	228860	+	3	33	ATG	TAG	0	0	
mORF_+_228907	228907	229191	+	1	285	GTG	TAG	0	0	
mORF_+_228911	228911	228916	+	2	6	TTG	TAA	0	0	
mORF_+_228926	228926	228937	+	2	12	GTG	TAG	0	0	
mORF_+_229062	229062	229139	+	3	78	TTG	TAA	0	0	
mORF_+_229167	229167	229970	+	3	804	ATG	TAA	13	64	pORF_+_229167
mORF_+_229216	229216	229233	+	1	18	TTG	TGA	0	0	
mORF_+_229243	229243	229302	+	1	60	TTG	TAG	0	0	
mORF_+_229312	229312	229392	+	1	81	TTG	TGA	0	0	
mORF_+_229435	229435	229446	+	1	12	ATG	TGA	0	0	
mORF_+_229474	229474	229533	+	1	60	ATG	TGA	0	0	
mORF_+_229537	229537	229572	+	1	36	GTG	TGA	0	0	
mORF_+_229585	229585	229704	+	1	120	TTG	TGA	0	0	
mORF_+_229714	229714	229728	+	1	15	ATG	TGA	0	0	
mORF_+_229732	229732	229785	+	1	54	ATG	TGA	0	0	
mORF_+_229793	229793	229837	+	2	45	GTG	TAA	0	0	
mORF_+_229882	229882	229980	+	1	99	TTG	TGA	0	0	
mORF_+_229919	229919	229939	+	2	21	TTG	TAG	0	0	
mORF_+_229961	229961	230116	+	2	156	ATG	TAA	0	0	
mORF_+_230037	230037	230066	+	3	30	ATG	TAA	0	0	
mORF_+_230080	230080	230286	+	1	207	ATG	TGA	0	0	
mORF_+_230145	230145	230159	+	3	15	TTG	TAG	0	0	
mORF_+_230181	230181	230357	+	3	177	TTG	TAG	0	0	
mORF_+_230246	230246	230251	+	2	6	ATG	TAA	0	0	
mORF_+_230252	230252	230329	+	2	78	TTG	TAA	0	0	
mORF_+_230514	230514	230528	+	3	15	GTG	TAG	0	0	
mORF_+_230564	230564	230599	+	2	36	GTG	TAA	0	0	
mORF_+_230581	230581	230631	+	1	51	TTG	TAA	0	0	
mORF_+_230665	230665	230712	+	1	48	TTG	TAA	0	0	
mORF_+_230714	230714	230788	+	2	75	TTG	TGA	0	0	
mORF_+_230721	230721	230903	+	3	183	GTG	TAG	0	0	
mORF_+_230791	230791	230823	+	1	33	TTG	TAA	0	0	
mORF_+_230795	230795	230803	+	2	9	TTG	TAA	0	0	
mORF_+_230804	230804	230917	+	2	114	TTG	TGA	0	0	
mORF_+_230884	230884	230967	+	1	84	TTG	TAA	0	0	
mORF_+_230924	230924	230950	+	2	27	TTG	TGA	0	0	
mORF_+_230943	230943	231053	+	3	111	ATG	TAA	0	0	
mORF_+_230957	230957	231019	+	2	63	ATG	TAA	0	0	
mORF_+_230998	230998	231003	+	1	6	GTG	TAA	0	0	
mORF_+_231037	231037	231048	+	1	12	TTG	TGA	0	0	
mORF_+_231082	231082	231096	+	1	15	GTG	TGA	0	0	
mORF_+_231093	231093	231101	+	3	9	TTG	TAA	0	0	
mORF_+_231122	231122	231922	+	2	801	GTG	TAA	1	2	pORF_+_231122
mORF_+_231138	231138	231236	+	3	99	ATG	TAA	0	0	
mORF_+_231265	231265	231294	+	1	30	GTG	TGA	0	0	
mORF_+_231295	231295	231393	+	1	99	ATG	TAA	0	0	
mORF_+_231327	231327	231374	+	3	48	ATG	TAG	0	0	
mORF_+_231381	231381	231452	+	3	72	TTG	TAA	0	0	
mORF_+_231481	231481	231498	+	1	18	TTG	TGA	0	0	
mORF_+_231495	231495	231539	+	3	45	GTG	TGA	0	0	
mORF_+_231615	231615	231656	+	3	42	ATG	TAG	0	0	
mORF_+_231696	231696	231719	+	3	24	ATG	TGA	0	0	
mORF_+_231735	231735	231833	+	3	99	TTG	TGA	0	0	
mORF_+_231840	231840	231977	+	3	138	GTG	TGA	0	0	
mORF_+_231926	231926	232549	+	2	624	ATG	TAA	0	0	
mORF_+_231993	231993	232052	+	3	60	ATG	TGA	0	0	
mORF_+_232077	232077	232178	+	3	102	ATG	TGA	0	0	
mORF_+_232209	232209	232214	+	3	6	TTG	TGA	0	0	
mORF_+_232311	232311	232322	+	3	12	GTG	TGA	0	0	

mORF_+_232315	232315	232335	+	1	21	GTG	TGA	0	0
mORF_+_232332	232332	232346	+	3	15	ATG	TGA	0	0
mORF_+_232350	232350	232361	+	3	12	TTG	TAA	0	0
mORF_+_232393	232393	232497	+	1	105	ATG	TGA	0	0
mORF_+_232482	232482	232529	+	3	48	TTG	TAG	0	0
mORF_+_232530	232530	232553	+	3	24	ATG	TAA	0	0
mORF_+_232574	232574	232930	+	2	357	GTG	TAA	0	0
mORF_+_232594	232594	232725	+	1	132	TTG	TGA	0	0
mORF_+_232722	232722	232757	+	3	36	TTG	TAA	0	0
mORF_+_232773	232773	232835	+	3	63	TTG	TAG	0	0
mORF_+_232816	232816	232890	+	1	75	TTG	TGA	0	0
mORF_+_232887	232887	232943	+	3	57	GTG	TAA	0	0
mORF_+_232952	232952	233017	+	2	66	TTG	TGA	0	0
mORF_+_233014	233014	233295	+	1	282	TTG	TAA	0	0
mORF_+_233031	233031	233093	+	3	63	TTG	TGA	0	0
mORF_+_233069	233069	233218	+	2	150	GTG	TAA	0	0
mORF_+_233094	233094	233111	+	3	18	ATG	TGA	0	0
mORF_+_233199	233199	233234	+	3	36	TTG	TGA	0	0
mORF_+_233222	233222	233374	+	2	153	TTG	TAA	0	0
mORF_+_233247	233247	233261	+	3	15	ATG	TAG	0	0
mORF_+_233340	233340	233351	+	3	12	TTG	TGA	0	0
mORF_+_233411	233411	233479	+	2	69	TTG	TAA	0	0
mORF_+_233445	233445	233525	+	3	81	TTG	TGA	0	0
mORF_+_233480	233480	233503	+	2	24	TTG	TAA	0	0
mORF_+_233504	233504	233566	+	2	63	TTG	TGA	0	0
mORF_+_233559	233559	233612	+	3	54	TTG	TAG	0	0
mORF_+_233563	233563	233595	+	1	33	GTG	TAG	0	0
mORF_+_233588	233588	233689	+	2	102	ATG	TAG	0	0
mORF_+_233632	233632	233670	+	1	39	TTG	TAA	0	0
mORF_+_233680	233680	233703	+	1	24	GTG	TAA	0	0
mORF_+_233696	233696	233830	+	2	135	TTG	TGA	0	0
mORF_+_233823	233823	233837	+	3	15	GTG	TAA	0	0
mORF_+_233841	233841	233969	+	3	129	TTG	TAG	0	0
mORF_+_233854	233854	233937	+	1	84	TTG	TAA	0	0
mORF_+_233894	233894	233977	+	2	84	TTG	TAA	0	0
mORF_+_233956	233956	233994	+	1	39	GTG	TAA	0	0
mORF_+_233970	233970	234047	+	3	78	TTG	TGA	0	0
mORF_+_234010	234010	234186	+	1	177	ATG	TGA	0	0
mORF_+_234044	234044	234100	+	2	57	TTG	TAA	0	0
mORF_+_234075	234075	234086	+	3	12	TTG	TAA	0	0
mORF_+_234147	234147	234176	+	3	30	TTG	TAG	0	0
mORF_+_234176	234176	234208	+	2	33	GTG	TAA	0	0
mORF_+_234183	234183	234200	+	3	18	TTG	TAA	0	0
mORF_+_234229	234229	234291	+	1	63	ATG	TGA	0	0
mORF_+_234240	234240	234275	+	3	36	GTG	TGA	0	0
mORF_+_234272	234272	234337	+	2	66	TTG	TAA	0	0
mORF_+_234288	234288	234320	+	3	33	ATG	TAA	0	0
mORF_+_234338	234338	234430	+	2	93	GTG	TGA	0	0
mORF_+_234342	234342	234356	+	3	15	TTG	TGA	0	0
mORF_+_234400	234400	234420	+	1	21	GTG	TAA	0	0
mORF_+_234441	234441	234449	+	3	9	ATG	TAA	0	0
mORF_+_234451	234451	234456	+	1	6	GTG	TGA	0	0
mORF_+_234453	234453	234677	+	3	225	GTG	TAA	0	0
mORF_+_234514	234514	234612	+	1	99	TTG	TGA	0	0
mORF_+_234524	234524	234631	+	2	108	GTG	TGA	0	0
mORF_+_234628	234628	234747	+	1	120	GTG	TAA	0	0
mORF_+_234748	234748	234801	+	1	54	TTG	TGA	0	0
mORF_+_234798	234798	235538	+	3	741	GTG	TAA	0	0
mORF_+_234811	234811	234816	+	1	6	TTG	TGA	0	0
mORF_+_234857	234857	234931	+	2	75	TTG	TAA	0	0
mORF_+_234937	234937	234969	+	1	33	ATG	TAA	0	0
mORF_+_234983	234983	235081	+	2	99	TTG	TAA	0	0
mORF_+_235015	235015	235167	+	1	153	ATG	TGA	0	0

mORF_+_235094	235094	235150	+	2	57	TTG	TGA	0	0	
mORF_+_235168	235168	235284	+	1	117	TTG	TGA	0	0	
mORF_+_235318	235318	235383	+	1	66	TTG	TGA	0	0	
mORF_+_235355	235355	235474	+	2	120	GTG	TAA	0	0	
mORF_+_235384	235384	235449	+	1	66	ATG	TAA	0	0	
mORF_+_235501	235501	235641	+	1	141	TTG	TAA	0	0	
mORF_+_235517	235517	235525	+	2	9	ATG	TAA	0	0	
mORF_+_235547	235547	235828	+	2	282	TTG	TAA	0	0	
mORF_+_235569	235569	235661	+	3	93	GTG	TGA	0	0	
mORF_+_235672	235672	235770	+	1	99	ATG	TGA	0	0	
mORF_+_235719	235719	235889	+	3	171	TTG	TAG	0	0	
mORF_+_235956	235956	236057	+	3	102	TTG	TAA	0	0	
mORF_+_236023	236023	236052	+	1	30	TTG	TGA	0	0	
mORF_+_236058	236058	236798	+	3	741	ATG	TAA	2	6	pORF_+_236058
mORF_+_236128	236128	236184	+	1	57	TTG	TGA	0	0	
mORF_+_236212	236212	236313	+	1	102	ATG	TAG	0	0	
mORF_+_236317	236317	236355	+	1	39	ATG	TGA	0	0	
mORF_+_236458	236458	236529	+	1	72	TTG	TAG	0	0	
mORF_+_236510	236510	236533	+	2	24	ATG	TAA	0	0	
mORF_+_236566	236566	236601	+	1	36	ATG	TGA	0	0	
mORF_+_236605	236605	236808	+	1	204	GTG	TGA	0	0	
mORF_+_236780	236780	236818	+	2	39	TTG	TAA	0	0	
mORF_+_236805	236805	236864	+	3	60	GTG	TGA	0	0	
mORF_+_236840	236840	236899	+	2	60	TTG	TAA	0	0	
mORF_+_236874	236874	237116	+	3	243	TTG	TAG	0	0	
mORF_+_237055	237055	237075	+	1	21	TTG	TGA	0	0	
mORF_+_237097	237097	237150	+	1	54	ATG	TAA	0	0	
mORF_+_237117	237117	237221	+	3	105	GTG	TGA	0	0	
mORF_+_237160	237160	237183	+	1	24	ATG	TAA	0	0	
mORF_+_237218	237218	237259	+	2	42	ATG	TAA	0	0	
mORF_+_237222	237222	237239	+	3	18	ATG	TGA	0	0	
mORF_+_237246	237246	237263	+	3	18	TTG	TGA	0	0	
mORF_+_237260	237260	237295	+	2	36	GTG	TAA	0	0	
mORF_+_237289	237289	237399	+	1	111	ATG	TGA	0	0	
mORF_+_237335	237335	238120	+	2	786	ATG	TAA	0	0	
mORF_+_237363	237363	237476	+	3	114	GTG	TGA	0	0	
mORF_+_237498	237498	237584	+	3	87	ATG	TAA	0	0	
mORF_+_237588	237588	237695	+	3	108	TTG	TGA	0	0	
mORF_+_237697	237697	237702	+	1	6	TTG	TAA	0	0	
mORF_+_237720	237720	237755	+	3	36	ATG	TGA	0	0	
mORF_+_237777	237777	237857	+	3	81	TTG	TGA	0	0	
mORF_+_237868	237868	237882	+	1	15	ATG	TAA	0	0	
mORF_+_237885	237885	237980	+	3	96	ATG	TGA	0	0	
mORF_+_237958	237958	237987	+	1	30	GTG	TGA	0	0	
mORF_+_237984	237984	238043	+	3	60	ATG	TGA	0	0	
mORF_+_238171	238171	238326	+	1	156	TTG	TAG	0	0	
mORF_+_238215	238215	238247	+	3	33	ATG	TAG	0	0	
mORF_+_238328	238328	238375	+	2	48	TTG	TAG	0	0	
mORF_+_238365	238365	238409	+	3	45	GTG	TAA	0	0	
mORF_+_238378	238378	238536	+	1	159	TTG	TGA	0	0	
mORF_+_238412	238412	238426	+	2	15	GTG	TAG	0	0	
mORF_+_238457	238457	238480	+	2	24	TTG	TGA	0	0	
mORF_+_238505	238505	238522	+	2	18	ATG	TAA	0	0	
mORF_+_238533	238533	238544	+	3	12	ATG	TAA	0	0	
mORF_+_238558	238558	238596	+	1	39	ATG	TAA	0	0	
mORF_+_238606	238606	238878	+	1	273	GTG	TGA	0	0	
mORF_+_238622	238622	238639	+	2	18	TTG	TAA	0	0	
mORF_+_238667	238667	238693	+	2	27	ATG	TAA	0	0	
mORF_+_238725	238725	238730	+	3	6	ATG	TAA	0	0	
mORF_+_238757	238757	238768	+	2	12	GTG	TAA	0	0	
mORF_+_238781	238781	238843	+	2	63	ATG	TAA	0	0	
mORF_+_238821	238821	238832	+	3	12	TTG	TAG	0	0	
mORF_+_238844	238844	238966	+	2	123	TTG	TAA	0	0	

mORF_+_238869	238869	238895	+	3	27	ATG	TAA	0	0	
mORF_+_239000	239000	239020	+	2	21	TTG	TAA	0	0	
mORF_+_239026	239026	239112	+	1	87	TTG	TAA	0	0	
mORF_+_239039	239039	239062	+	2	24	TTG	TAA	0	0	
mORF_+_239154	239154	239378	+	3	225	GTG	TAG	1	2	pORF_+_239154
mORF_+_239194	239194	239214	+	1	21	ATG	TAA	0	0	
mORF_+_239257	239257	239274	+	1	18	TTG	TGA	0	0	
mORF_+_239278	239278	239304	+	1	27	ATG	TAA	0	0	
mORF_+_239356	239356	239760	+	1	405	TTG	TAA	0	0	
mORF_+_239451	239451	239537	+	3	87	ATG	TAG	0	0	
mORF_+_239507	239507	239521	+	2	15	ATG	TGA	0	0	
mORF_+_239594	239594	239638	+	2	45	TTG	TGA	0	0	
mORF_+_239664	239664	239732	+	3	69	ATG	TGA	0	0	
mORF_+_239699	239699	239725	+	2	27	TTG	TAA	0	0	
mORF_+_239729	239729	239767	+	2	39	TTG	TAG	0	0	
mORF_+_239819	239819	239833	+	2	15	TTG	TAA	0	0	
mORF_+_239833	239833	239838	+	1	6	ATG	TAG	0	0	
mORF_+_239839	239839	239943	+	1	105	ATG	TAA	0	0	
mORF_+_239852	239852	239866	+	2	15	ATG	TGA	0	0	
mORF_+_239888	239888	240109	+	2	222	GTG	TGA	0	0	
mORF_+_239943	239943	239987	+	3	45	ATG	TAG	0	0	
mORF_+_240013	240013	240021	+	1	9	TTG	TAG	0	0	
mORF_+_240015	240015	240059	+	3	45	GTG	TAA	0	0	
mORF_+_240106	240106	240297	+	1	192	TTG	TGA	0	0	
mORF_+_240128	240128	240223	+	2	96	TTG	TAA	0	0	
mORF_+_240153	240153	240173	+	3	21	GTG	TAA	0	0	
mORF_+_240245	240245	240253	+	2	9	TTG	TAG	0	0	
mORF_+_240275	240275	240355	+	2	81	ATG	TAA	0	0	
mORF_+_240343	240343	240816	+	1	474	ATG	TAA	24	314	pORF_+_240343
mORF_+_240416	240416	240439	+	2	24	GTG	TAA	0	0	
mORF_+_240452	240452	240523	+	2	72	TTG	TGA	0	0	
mORF_+_240569	240569	240586	+	2	18	ATG	TGA	0	0	
mORF_+_240594	240594	240608	+	3	15	GTG	TGA	0	0	
mORF_+_240605	240605	240634	+	2	30	ATG	TGA	0	0	
mORF_+_240636	240636	240653	+	3	18	GTG	TAA	0	0	
mORF_+_240680	240680	240718	+	2	39	TTG	TGA	0	0	
mORF_+_240719	240719	240724	+	2	6	ATG	TGA	0	0	
mORF_+_240728	240728	240772	+	2	45	ATG	TGA	0	0	
mORF_+_240797	240797	240820	+	2	24	ATG	TAG	0	0	
mORF_+_241022	241022	241087	+	2	66	TTG	TGA	0	0	
mORF_+_241024	241024	241212	+	1	189	GTG	TAA	0	0	
mORF_+_241092	241092	241589	+	3	498	TTG	TAG	0	0	
mORF_+_241181	241181	241231	+	2	51	ATG	TGA	0	0	
mORF_+_241228	241228	241329	+	1	102	ATG	TAA	0	0	
mORF_+_241238	241238	241258	+	2	21	TTG	TAA	0	0	
mORF_+_241366	241366	241461	+	1	96	TTG	TAA	0	0	
mORF_+_241484	241484	241576	+	2	93	ATG	TGA	0	0	
mORF_+_241570	241570	241620	+	1	51	GTG	TAA	0	0	
mORF_+_241589	241589	241672	+	2	84	GTG	TGA	0	0	
mORF_+_241602	241602	241685	+	3	84	TTG	TGA	0	0	
mORF_+_241669	241669	242160	+	1	492	GTG	TGA	0	0	
mORF_+_241682	241682	241846	+	2	165	TTG	TAA	0	0	
mORF_+_241833	241833	241880	+	3	48	GTG	TAA	0	0	
mORF_+_241862	241862	241945	+	2	84	TTG	TGA	0	0	
mORF_+_241991	241991	241999	+	2	9	ATG	TAG	0	0	
mORF_+_242010	242010	242087	+	3	78	ATG	TAG	0	0	
mORF_+_242093	242093	242101	+	2	9	TTG	TGA	0	0	
mORF_+_242108	242108	242113	+	2	6	ATG	TGA	0	0	
mORF_+_242127	242127	242177	+	3	51	TTG	TGA	0	0	
mORF_+_242162	242162	242254	+	2	93	TTG	TAA	0	0	
mORF_+_242221	242221	242382	+	1	162	TTG	TAA	0	0	
mORF_+_242348	242348	242470	+	2	123	GTG	TAG	0	0	
mORF_+_242355	242355	242375	+	3	21	TTG	TAA	0	0	

mORF_+_242454	242454	242465	+	3	12	GTG	TAA	0	0	
mORF_+_242474	242474	242608	+	2	135	TTG	TGA	0	0	
mORF_+_242586	242586	242708	+	3	123	GTG	TAA	0	0	
mORF_+_242632	242632	242685	+	1	54	GTG	TAA	0	0	
mORF_+_242651	242651	242659	+	2	9	GTG	TAA	0	0	
mORF_+_242740	242740	243237	+	1	498	TTG	TAA	0	0	
mORF_+_242795	242795	242962	+	2	168	TTG	TAG	0	0	
mORF_+_242987	242987	243250	+	2	264	TTG	TGA	0	0	
mORF_+_243132	243132	243146	+	3	15	ATG	TAA	0	0	
mORF_+_243247	243247	243345	+	1	99	GTG	TGA	0	0	
mORF_+_243321	243321	243326	+	3	6	TTG	TAG	0	0	
mORF_+_243342	243342	243359	+	3	18	GTG	TAG	0	0	
mORF_+_243350	243350	243397	+	2	48	ATG	TAA	0	0	
mORF_+_243363	243363	243368	+	3	6	ATG	TAA	0	0	
mORF_+_243415	243415	243462	+	1	48	TTG	TAG	0	0	
mORF_+_243485	243485	243565	+	2	81	TTG	TAA	0	0	
mORF_+_243510	243510	244121	+	3	612	TTG	TAA	40	975	pORF_+_243510
mORF_+_243610	243610	243654	+	1	45	ATG	TAG	0	0	
mORF_+_243673	243673	243741	+	1	69	GTG	TGA	0	0	
mORF_+_243710	243710	243757	+	2	48	TTG	TGA	0	0	
mORF_+_243754	243754	243867	+	1	114	GTG	TAG	0	0	
mORF_+_243880	243880	243924	+	1	45	ATG	TGA	0	0	
mORF_+_243946	243946	243960	+	1	15	GTG	TGA	0	0	
mORF_+_244036	244036	244077	+	1	42	TTG	TGA	0	0	
mORF_+_244099	244099	244182	+	1	84	TTG	TGA	0	0	
mORF_+_244167	244167	244175	+	3	9	GTG	TGA	0	0	
mORF_+_244175	244175	244267	+	2	93	ATG	TGA	0	0	
mORF_+_244182	244182	244193	+	3	12	ATG	TGA	0	0	
mORF_+_244242	244242	244277	+	3	36	ATG	TAA	0	0	
mORF_+_244298	244298	244348	+	2	51	ATG	TGA	0	0	
mORF_+_244312	244312	245094	+	1	783	TTG	TGA	4	12	pORF_+_244312
mORF_+_244314	244314	244379	+	3	66	GTG	TAG	0	0	
mORF_+_244391	244391	244534	+	2	144	TTG	TAA	0	0	
mORF_+_244620	244620	244631	+	3	12	ATG	TAA	0	0	
mORF_+_244640	244640	244660	+	2	21	ATG	TGA	0	0	
mORF_+_244817	244817	244873	+	2	57	ATG	TAA	0	0	
mORF_+_244881	244881	244892	+	3	12	TTG	TAA	0	0	
mORF_+_244922	244922	245002	+	2	81	TTG	TGA	0	0	
mORF_+_245003	245003	245020	+	2	18	TTG	TGA	0	0	
mORF_+_245027	245027	245089	+	2	63	ATG	TAG	0	0	
mORF_+_245058	245058	245138	+	3	81	ATG	TGA	0	0	
mORF_+_245101	245101	245127	+	1	27	TTG	TAA	0	0	
mORF_+_245132	245132	245146	+	2	15	TTG	TAA	0	0	
mORF_+_245153	245153	245197	+	2	45	TTG	TAG	0	0	
mORF_+_245169	245169	245234	+	3	66	TTG	TAA	0	0	
mORF_+_245185	245185	245499	+	1	315	TTG	TAA	0	0	
mORF_+_245237	245237	245287	+	2	51	TTG	TAA	0	0	
mORF_+_245363	245363	245377	+	2	15	TTG	TAG	0	0	
mORF_+_245370	245370	245468	+	3	99	TTG	TAA	0	0	
mORF_+_245384	245384	245428	+	2	45	ATG	TAA	0	0	
mORF_+_245450	245450	245479	+	2	30	TTG	TAG	0	0	
mORF_+_245537	245537	245551	+	2	15	TTG	TGA	0	0	
mORF_+_245559	245559	245630	+	3	72	TTG	TGA	0	0	
mORF_+_245608	245608	245757	+	1	150	TTG	TGA	0	0	
mORF_+_245627	245627	245635	+	2	9	TTG	TAG	0	0	
mORF_+_245657	245657	245674	+	2	18	TTG	TAG	0	0	
mORF_+_245708	245708	245821	+	2	114	TTG	TGA	0	0	
mORF_+_245754	245754	246005	+	3	252	ATG	TAA	0	0	
mORF_+_245818	245818	245982	+	1	165	TTG	TGA	0	0	
mORF_+_245852	245852	245872	+	2	21	ATG	TAG	0	0	
mORF_+_246022	246022	246027	+	1	6	TTG	TAA	0	0	
mORF_+_246051	246051	246077	+	3	27	ATG	TGA	0	0	
mORF_+_246074	246074	246130	+	2	57	ATG	TGA	0	0	

mORF_+_246081	246081	246119	+	3	39	TTG	TAA	0	0
mORF_+_246127	246127	246174	+	1	48	TTG	TGA	0	0
mORF_+_246171	246171	246203	+	3	33	ATG	TGA	0	0
mORF_+_246182	246182	246253	+	2	72	GTG	TAA	0	0
mORF_+_246207	246207	246245	+	3	39	TTG	TAA	0	0
mORF_+_246279	246279	246290	+	3	12	TTG	TGA	0	0
mORF_+_246287	246287	246322	+	2	36	ATG	TGA	0	0
mORF_+_246297	246297	246326	+	3	30	ATG	TGA	0	0
mORF_+_246319	246319	246342	+	1	24	TTG	TAG	0	0
mORF_+_246323	246323	246334	+	2	12	TTG	TAA	0	0
mORF_+_246327	246327	246338	+	3	12	ATG	TGA	0	0
mORF_+_246335	246335	246352	+	2	18	TTG	TAA	0	0
mORF_+_246364	246364	246390	+	1	27	ATG	TGA	0	0
mORF_+_246387	246387	246452	+	3	66	GTG	TGA	0	0
mORF_+_246502	246502	246546	+	1	45	TTG	TAG	0	0
mORF_+_246516	246516	246539	+	3	24	GTG	TGA	0	0
mORF_+_246536	246536	246613	+	2	78	TTG	TGA	0	0
mORF_+_246552	246552	246575	+	3	24	ATG	TGA	0	0
mORF_+_246592	246592	246609	+	1	18	ATG	TAA	0	0
mORF_+_246621	246621	246635	+	3	15	ATG	TAA	0	0
mORF_+_246638	246638	246649	+	2	12	ATG	TAA	0	0
mORF_+_246652	246652	247461	+	1	810	TTG	TAG	0	0
mORF_+_246692	246692	246709	+	2	18	ATG	TGA	0	0
mORF_+_246737	246737	246760	+	2	24	TTG	TGA	0	0
mORF_+_246762	246762	247001	+	3	240	TTG	TGA	0	0
mORF_+_246782	246782	246859	+	2	78	TTG	TAA	0	0
mORF_+_246899	246899	246958	+	2	60	TTG	TAA	0	0
mORF_+_246998	246998	247042	+	2	45	GTG	TAA	0	0
mORF_+_247100	247100	247309	+	2	210	TTG	TAG	0	0
mORF_+_247337	247337	247384	+	2	48	ATG	TAA	0	0
mORF_+_247494	247494	247511	+	3	18	TTG	TGA	0	0
mORF_+_247504	247504	247644	+	1	141	GTG	TGA	0	0
mORF_+_247511	247511	247579	+	2	69	ATG	TAA	0	0
mORF_+_247590	247590	247691	+	3	102	TTG	TGA	0	0
mORF_+_247637	247637	248134	+	2	498	ATG	TAA	0	0
mORF_+_247675	247675	247758	+	1	84	ATG	TAA	0	0
mORF_+_247779	247779	247907	+	3	129	TTG	TGA	0	0
mORF_+_247897	247897	247965	+	1	69	TTG	TAG	0	0
mORF_+_247971	247971	247991	+	3	21	ATG	TAA	0	0
mORF_+_248004	248004	248015	+	3	12	ATG	TAA	0	0
mORF_+_248008	248008	248028	+	1	21	TTG	TGA	0	0
mORF_+_248025	248025	248099	+	3	75	GTG	TAA	0	0
mORF_+_248029	248029	248109	+	1	81	TTG	TAG	0	0
mORF_+_248109	248109	248297	+	3	189	GTG	TGA	0	0
mORF_+_248135	248135	248152	+	2	18	TTG	TGA	0	0
mORF_+_248137	248137	248163	+	1	27	GTG	TAG	0	0
mORF_+_248189	248189	248203	+	2	15	GTG	TAG	0	0
mORF_+_248246	248246	248377	+	2	132	ATG	TAA	0	0
mORF_+_248290	248290	248304	+	1	15	GTG	TAG	0	0
mORF_+_248337	248337	248909	+	3	573	TTG	TAA	0	0
mORF_+_248347	248347	248451	+	1	105	ATG	TAA	0	0
mORF_+_248444	248444	248557	+	2	114	TTG	TGA	0	0
mORF_+_248554	248554	248616	+	1	63	TTG	TGA	0	0
mORF_+_248626	248626	248748	+	1	123	TTG	TGA	0	0
mORF_+_248714	248714	248794	+	2	81	ATG	TGA	0	0
mORF_+_248761	248761	248859	+	1	99	GTG	TAA	0	0
mORF_+_248860	248860	248940	+	1	81	TTG	TAG	0	0
mORF_+_248894	248894	248929	+	2	36	GTG	TAA	0	0
mORF_+_248916	248916	249362	+	3	447	ATG	TAA	0	0
mORF_+_249064	249064	249120	+	1	57	GTG	TAG	0	0
mORF_+_249181	249181	249207	+	1	27	ATG	TGA	0	0
mORF_+_249235	249235	249351	+	1	117	ATG	TAA	0	0
mORF_+_249320	249320	249367	+	2	48	GTG	TGA	0	0

mORF_+_249385	249385	249591	+	1	207	ATG	TAG	0	0	
mORF_+_249537	249537	249998	+	3	462	GTG	TAA	0	0	
mORF_+_249605	249605	249655	+	2	51	TTG	TGA	0	0	
mORF_+_249646	249646	249885	+	1	240	TTG	TAG	0	0	
mORF_+_249863	249863	249940	+	2	78	ATG	TGA	0	0	
mORF_+_249937	249937	250827	+	1	891	TTG	TAA	2	4	pORF_+_249937
mORF_+_250061	250061	250153	+	2	93	TTG	TAA	0	0	
mORF_+_250226	250226	250234	+	2	9	GTG	TGA	0	0	
mORF_+_250235	250235	250255	+	2	21	ATG	TGA	0	0	
mORF_+_250277	250277	250375	+	2	99	TTG	TGA	0	0	
mORF_+_250403	250403	250621	+	2	219	TTG	TGA	0	0	
mORF_+_250694	250694	250711	+	2	18	TTG	TGA	0	0	
mORF_+_250718	250718	250834	+	2	117	GTG	TGA	0	0	
mORF_+_250828	250828	250860	+	1	33	ATG	TGA	0	0	
mORF_+_250881	250881	251018	+	3	138	GTG	TGA	0	0	
mORF_+_250891	250891	250905	+	1	15	GTG	TAA	0	0	
mORF_+_250898	250898	251953	+	2	1056	ATG	TGA	0	0	
mORF_+_251049	251049	251306	+	3	258	TTG	TGA	0	0	
mORF_+_251092	251092	251127	+	1	36	ATG	TGA	0	0	
mORF_+_251239	251239	251367	+	1	129	TTG	TAA	0	0	
mORF_+_251382	251382	251387	+	3	6	TTG	TGA	0	0	
mORF_+_251499	251499	251525	+	3	27	GTG	TGA	0	0	
mORF_+_251512	251512	251517	+	1	6	GTG	TGA	0	0	
mORF_+_251541	251541	251729	+	3	189	TTG	TAA	0	0	
mORF_+_251563	251563	251574	+	1	12	GTG	TAG	0	0	
mORF_+_251671	251671	251676	+	1	6	ATG	TGA	0	0	
mORF_+_251745	251745	251762	+	3	18	TTG	TGA	0	0	
mORF_+_251859	251859	251906	+	3	48	ATG	TGA	0	0	
mORF_+_251913	251913	252128	+	3	216	TTG	TAA	0	0	
mORF_+_251950	251950	252024	+	1	75	ATG	TGA	0	0	
mORF_+_252005	252005	252298	+	2	294	ATG	TAA	0	0	
mORF_+_252129	252129	252152	+	3	24	GTG	TAA	0	0	
mORF_+_252162	252162	252191	+	3	30	TTG	TAA	0	0	
mORF_+_252210	252210	252224	+	3	15	GTG	TAG	0	0	
mORF_+_252258	252258	252266	+	3	9	ATG	TGA	0	0	
mORF_+_252270	252270	252356	+	3	87	ATG	TGA	0	0	
mORF_+_252301	252301	252699	+	1	399	ATG	TGA	0	0	
mORF_+_252353	252353	252364	+	2	12	TTG	TAA	0	0	
mORF_+_252389	252389	252457	+	2	69	GTG	TAA	0	0	
mORF_+_252464	252464	252613	+	2	150	TTG	TGA	0	0	
mORF_+_252564	252564	252581	+	3	18	TTG	TGA	0	0	
mORF_+_252591	252591	252620	+	3	30	ATG	TGA	0	0	
mORF_+_252662	252662	252712	+	2	51	TTG	TGA	0	0	
mORF_+_252696	252696	252716	+	3	21	TTG	TAA	0	0	
mORF_+_252709	252709	253161	+	1	453	ATG	TAA	0	0	
mORF_+_252759	252759	252776	+	3	18	ATG	TAG	0	0	
mORF_+_252839	252839	253000	+	2	162	TTG	TAA	0	0	
mORF_+_252882	252882	252899	+	3	18	GTG	TAA	0	0	
mORF_+_253064	253064	253177	+	2	114	TTG	TGA	0	0	
mORF_+_253107	253107	253130	+	3	24	ATG	TAA	0	0	
mORF_+_253174	253174	253212	+	1	39	ATG	TGA	0	0	
mORF_+_253196	253196	253348	+	2	153	ATG	TAA	0	0	
mORF_+_253239	253239	253286	+	3	48	ATG	TAA	0	0	
mORF_+_253359	253359	253403	+	3	45	TTG	TAA	0	0	
mORF_+_253408	253408	253554	+	1	147	GTG	TAG	0	0	
mORF_+_253440	253440	253457	+	3	18	ATG	TGA	0	0	
mORF_+_253454	253454	253531	+	2	78	ATG	TGA	0	0	
mORF_+_253467	253467	253733	+	3	267	ATG	TGA	0	0	
mORF_+_253538	253538	253699	+	2	162	GTG	TAA	0	0	
mORF_+_253645	253645	254202	+	1	558	TTG	TAA	0	0	
mORF_+_253763	253763	253786	+	2	24	ATG	TAA	0	0	
mORF_+_253776	253776	253889	+	3	114	ATG	TGA	0	0	
mORF_+_253799	253799	254014	+	2	216	GTG	TGA	0	0	

mORF_+_254039	254039	254068	+	2	30	ATG	TGA	0	0	
mORF_+_254069	254069	254116	+	2	48	TTG	TGA	0	0	
mORF_+_254147	254147	254212	+	2	66	TTG	TGA	0	0	
mORF_+_254202	254202	254258	+	3	57	ATG	TAA	0	0	
mORF_+_254209	254209	254232	+	1	24	ATG	TAA	0	0	
mORF_+_254297	254297	254359	+	2	63	GTG	TGA	0	0	
mORF_+_254307	254307	254621	+	3	315	ATG	TGA	0	0	
mORF_+_254323	254323	254328	+	1	6	ATG	TGA	0	0	
mORF_+_254356	254356	254472	+	1	117	GTG	TGA	0	0	
mORF_+_254363	254363	254374	+	2	12	TTG	TAG	0	0	
mORF_+_254531	254531	254758	+	2	228	ATG	TAA	0	0	
mORF_+_254584	254584	254598	+	1	15	ATG	TAG	0	0	
mORF_+_254634	254634	255095	+	3	462	GTG	TAA	0	0	
mORF_+_254650	254650	254868	+	1	219	TTG	TGA	0	0	
mORF_+_254920	254920	255006	+	1	87	ATG	TGA	0	0	
mORF_+_254957	254957	254971	+	2	15	GTG	TGA	0	0	
mORF_+_255031	255031	255075	+	1	45	TTG	TGA	0	0	
mORF_+_255103	255103	255189	+	1	87	TTG	TAG	0	0	
mORF_+_255144	255144	255254	+	3	111	ATG	TAA	0	0	
mORF_+_255214	255214	255318	+	1	105	GTG	TGA	0	0	
mORF_+_255315	255315	255500	+	3	186	GTG	TAA	0	0	
mORF_+_255364	255364	255423	+	1	60	ATG	TAA	0	0	
mORF_+_255442	255442	255567	+	1	126	GTG	TGA	0	0	
mORF_+_255579	255579	255698	+	3	120	ATG	TAA	0	0	
mORF_+_255596	255596	255655	+	2	60	TTG	TAG	0	0	
mORF_+_255610	255610	255636	+	1	27	ATG	TGA	0	0	
mORF_+_255664	255664	255702	+	1	39	TTG	TGA	0	0	
mORF_+_255689	255689	255721	+	2	33	GTG	TAA	0	0	
mORF_+_255699	255699	255770	+	3	72	TTG	TAG	0	0	
mORF_+_255728	255728	255856	+	2	129	TTG	TAA	0	0	
mORF_+_255777	255777	255815	+	3	39	ATG	TGA	0	0	
mORF_+_255799	255799	255876	+	1	78	TTG	TGA	0	0	
mORF_+_255849	255849	255953	+	3	105	GTG	TAG	0	0	
mORF_+_255977	255977	256435	+	2	459	ATG	TAA	27	349	pORF_+_255977
mORF_+_256020	256020	256046	+	3	27	ATG	TGA	0	0	
mORF_+_256060	256060	256122	+	1	63	ATG	TGA	0	0	
mORF_+_256074	256074	256082	+	3	9	TTG	TAA	0	0	
mORF_+_256086	256086	256199	+	3	114	GTG	TGA	0	0	
mORF_+_256150	256150	256191	+	1	42	TTG	TAA	0	0	
mORF_+_256215	256215	256496	+	3	282	ATG	TAG	0	0	
mORF_+_256390	256390	256476	+	1	87	GTG	TAA	0	0	
mORF_+_256527	256527	257771	+	3	1245	ATG	TAA	18	47	pORF_+_256527
mORF_+_256642	256642	256677	+	1	36	TTG	TGA	0	0	
mORF_+_256691	256691	256711	+	2	21	GTG	TGA	0	0	
mORF_+_256708	256708	256749	+	1	42	TTG	TGA	0	0	
mORF_+_256756	256756	256794	+	1	39	ATG	TGA	0	0	
mORF_+_256795	256795	256947	+	1	153	TTG	TGA	0	0	
mORF_+_256826	256826	256957	+	2	132	GTG	TGA	0	0	
mORF_+_256954	256954	257121	+	1	168	ATG	TAA	0	0	
mORF_+_257123	257123	257170	+	2	48	GTG	TGA	0	0	
mORF_+_257125	257125	257205	+	1	81	GTG	TGA	0	0	
mORF_+_257209	257209	257286	+	1	78	TTG	TAA	0	0	
mORF_+_257240	257240	257299	+	2	60	ATG	TAA	0	0	
mORF_+_257306	257306	257356	+	2	51	GTG	TAA	0	0	
mORF_+_257335	257335	257397	+	1	63	TTG	TGA	0	0	
mORF_+_257404	257404	257424	+	1	21	TTG	TAG	0	0	
mORF_+_257440	257440	257544	+	1	105	GTG	TGA	0	0	
mORF_+_257450	257450	257482	+	2	33	GTG	TGA	0	0	
mORF_+_257719	257719	257826	+	1	108	TTG	TAG	0	0	
mORF_+_257765	257765	257782	+	2	18	GTG	TAA	0	0	
mORF_+_257786	257786	257800	+	2	15	TTG	TAA	0	0	
mORF_+_257829	257829	258230	+	3	402	ATG	TGA	17	46	pORF_+_257829
mORF_+_257842	257842	257865	+	1	24	GTG	TGA	0	0	

mORF_+_257899	257899	257961	+	1	63	GTG	TGA	0	0	
mORF_+_257909	257909	257920	+	2	12	GTG	TAA	0	0	
mORF_+_257936	257936	257983	+	2	48	TTG	TGA	0	0	
mORF_+_257980	257980	258090	+	1	111	GTG	TAA	0	0	
mORF_+_257996	257996	258061	+	2	66	GTG	TAA	0	0	
mORF_+_258106	258106	258162	+	1	57	TTG	TGA	0	0	
mORF_+_258193	258193	258216	+	1	24	ATG	TGA	0	0	
mORF_+_258227	258227	258370	+	2	144	GTG	TGA	0	0	
mORF_+_258231	258231	258272	+	3	42	GTG	TAA	0	0	
mORF_+_258238	258238	258315	+	1	78	GTG	TAA	0	0	
mORF_+_258285	258285	258356	+	3	72	ATG	TAA	0	0	
mORF_+_258378	258378	258389	+	3	12	TTG	TAA	0	0	
mORF_+_258414	258414	258470	+	3	57	TTG	TAA	0	0	
mORF_+_258478	258478	258714	+	1	237	ATG	TAA	0	0	
mORF_+_258506	258506	258694	+	2	189	TTG	TGA	0	0	
mORF_+_258537	258537	258584	+	3	48	TTG	TAG	0	0	
mORF_+_258606	258606	258704	+	3	99	TTG	TAG	0	0	
mORF_+_258714	258714	258809	+	3	96	ATG	TGA	0	0	
mORF_+_258742	258742	258783	+	1	42	ATG	TAA	0	0	
mORF_+_258773	258773	258823	+	2	51	TTG	TAA	0	0	
mORF_+_258855	258855	258992	+	3	138	GTG	TAA	0	0	
mORF_+_259046	259046	259303	+	2	258	TTG	TAA	0	0	
mORF_+_259051	259051	259125	+	1	75	GTG	TAA	0	0	
mORF_+_259129	259129	259143	+	1	15	GTG	TGA	0	0	
mORF_+_259140	259140	259160	+	3	21	TTG	TAA	0	0	
mORF_+_259203	259203	259223	+	3	21	ATG	TAG	0	0	
mORF_+_259273	259273	259401	+	1	129	ATG	TGA	0	0	
mORF_+_259287	259287	259346	+	3	60	ATG	TAA	0	0	
mORF_+_259404	259404	259466	+	3	63	TTG	TAA	0	0	
mORF_+_259442	259442	259450	+	2	9	ATG	TAA	0	0	
mORF_+_259444	259444	259458	+	1	15	GTG	TAA	0	0	
mORF_+_259494	259494	259577	+	3	84	TTG	TGA	0	0	
mORF_+_259520	259520	259564	+	2	45	ATG	TAA	0	0	
mORF_+_259525	259525	260715	+	1	1191	TTG	TAA	41	226	pORF_+_259525
mORF_+_259574	259574	259615	+	2	42	TTG	TGA	0	0	
mORF_+_259599	259599	259619	+	3	21	ATG	TGA	0	0	
mORF_+_259616	259616	259639	+	2	24	GTG	TAA	0	0	
mORF_+_259652	259652	259660	+	2	9	GTG	TAA	0	0	
mORF_+_259685	259685	259756	+	2	72	GTG	TGA	0	0	
mORF_+_259713	259713	259784	+	3	72	GTG	TGA	0	0	
mORF_+_259781	259781	259846	+	2	66	GTG	TAG	0	0	
mORF_+_259869	259869	259931	+	3	63	GTG	TGA	0	0	
mORF_+_259892	259892	259921	+	2	30	ATG	TGA	0	0	
mORF_+_259925	259925	259957	+	2	33	GTG	TGA	0	0	
mORF_+_260012	260012	260116	+	2	105	ATG	TGA	0	0	
mORF_+_260180	260180	260254	+	2	75	ATG	TGA	0	0	
mORF_+_260283	260283	260342	+	3	60	TTG	TGA	0	0	
mORF_+_260288	260288	260347	+	2	60	GTG	TGA	0	0	
mORF_+_260378	260378	260452	+	2	75	ATG	TAG	0	0	
mORF_+_260453	260453	260521	+	2	69	ATG	TGA	0	0	
mORF_+_260537	260537	260704	+	2	168	GTG	TGA	0	0	
mORF_+_260556	260556	260651	+	3	96	TTG	TGA	0	0	
mORF_+_260727	260727	261980	+	3	1254	ATG	TAA	50	334	pORF_+_260727
mORF_+_260746	260746	260775	+	1	30	TTG	TAG	0	0	
mORF_+_260824	260824	260931	+	1	108	ATG	TGA	0	0	
mORF_+_260953	260953	261006	+	1	54	TTG	TAA	0	0	
mORF_+_260975	260975	261043	+	2	69	GTG	TGA	0	0	
mORF_+_261010	261010	261078	+	1	69	ATG	TGA	0	0	
mORF_+_261082	261082	261102	+	1	21	ATG	TGA	0	0	
mORF_+_261106	261106	261129	+	1	24	TTG	TGA	0	0	
mORF_+_261122	261122	261139	+	2	18	GTG	TAA	0	0	
mORF_+_261139	261139	261147	+	1	9	ATG	TGA	0	0	
mORF_+_261157	261157	261201	+	1	45	GTG	TGA	0	0	

mORF_+_261170	261170	261181	+	2	12	GTG	TAA	0	0
mORF_+_261238	261238	261318	+	1	81	GTG	TGA	0	0
mORF_+_261325	261325	261378	+	1	54	GTG	TGA	0	0
mORF_+_261350	261350	261358	+	2	9	GTG	TGA	0	0
mORF_+_261385	261385	261393	+	1	9	GTG	TAG	0	0
mORF_+_261398	261398	261415	+	2	18	ATG	TGA	0	0
mORF_+_261412	261412	261426	+	1	15	TTG	TAG	0	0
mORF_+_261482	261482	261487	+	2	6	ATG	TAA	0	0
mORF_+_261493	261493	261510	+	1	18	TTG	TGA	0	0
mORF_+_261586	261586	261675	+	1	90	ATG	TAG	0	0
mORF_+_261703	261703	261762	+	1	60	TTG	TGA	0	0
mORF_+_261790	261790	261885	+	1	96	TTG	TAA	0	0
mORF_+_261907	261907	261933	+	1	27	GTG	TGA	0	0
mORF_+_261944	261944	261961	+	2	18	GTG	TGA	0	0
mORF_+_261955	261955	261984	+	1	30	TTG	TAA	0	0
mORF_+_261991	261991	262005	+	1	15	GTG	TAG	0	0
mORF_+_262010	262010	262045	+	2	36	TTG	TAG	0	0
mORF_+_262026	262026	262079	+	3	54	TTG	TGA	0	0
mORF_+_262054	262054	262104	+	1	51	TTG	TAG	0	0
mORF_+_262076	262076	262132	+	2	57	GTG	TAA	0	0
mORF_+_262110	262110	262232	+	3	123	TTG	TAA	0	0
mORF_+_262132	262132	262146	+	1	15	ATG	TAG	0	0
mORF_+_262239	262239	262244	+	3	6	GTG	TAA	0	0
mORF_+_262320	262320	262352	+	3	33	TTG	TAA	0	0
mORF_+_262336	262336	262407	+	1	72	TTG	TGA	0	0
mORF_+_262358	262358	262381	+	2	24	ATG	TAA	0	0
mORF_+_262371	262371	262397	+	3	27	GTG	TAG	0	0
mORF_+_262404	262404	262415	+	3	12	ATG	TAA	0	0
mORF_+_262431	262431	262460	+	3	30	TTG	TAA	0	0
mORF_+_262435	262435	262452	+	1	18	ATG	TAA	0	0
mORF_+_262439	262439	262498	+	2	60	TTG	TAG	0	0
mORF_+_262523	262523	262528	+	2	6	ATG	TAA	0	0
mORF_+_262539	262539	262655	+	3	117	TTG	TAA	0	0
mORF_+_262565	262565	262633	+	2	69	TTG	TAA	0	0
mORF_+_262576	262576	262719	+	1	144	TTG	TAG	0	0
mORF_+_262721	262721	262795	+	2	75	GTG	TAG	0	0
mORF_+_262738	262738	262821	+	1	84	GTG	TAA	0	0
mORF_+_262767	262767	262913	+	3	147	ATG	TAA	0	0
mORF_+_262825	262825	262845	+	1	21	TTG	TGA	0	0
mORF_+_262892	262892	262909	+	2	18	ATG	TAG	0	0
mORF_+_262924	262924	262932	+	1	9	GTG	TAA	0	0
mORF_+_262933	262933	262950	+	1	18	ATG	TAG	0	0
mORF_+_262966	262966	263148	+	1	183	GTG	TAA	0	0
mORF_+_262992	262992	263510	+	3	519	GTG	TAG	0	0
mORF_+_263078	263078	263113	+	2	36	ATG	TGA	0	0
mORF_+_263158	263158	263283	+	1	126	TTG	TAG	0	0
mORF_+_263192	263192	263197	+	2	6	GTG	TAA	0	0
mORF_+_263290	263290	263361	+	1	72	TTG	TAA	0	0
mORF_+_263389	263389	263403	+	1	15	TTG	TAG	0	0
mORF_+_263444	263444	263461	+	2	18	TTG	TGA	0	0
mORF_+_263470	263470	263475	+	1	6	ATG	TAA	0	0
mORF_+_263492	263492	263938	+	2	447	GTG	TAA	0	0
mORF_+_263586	263586	263753	+	3	168	GTG	TGA	0	0
mORF_+_263611	263611	263664	+	1	54	GTG	TGA	0	0
mORF_+_263760	263760	263900	+	3	141	TTG	TGA	0	0
mORF_+_263901	263901	263999	+	3	99	ATG	TGA	0	0
mORF_+_263917	263917	263982	+	1	66	GTG	TAA	0	0
mORF_+_263960	263960	264301	+	2	342	TTG	TAG	0	0
mORF_+_264015	264015	264038	+	3	24	ATG	TAA	0	0
mORF_+_264043	264043	264159	+	1	117	GTG	TAA	0	0
mORF_+_264169	264169	264201	+	1	33	ATG	TAA	0	0
mORF_+_264180	264180	264227	+	3	48	TTG	TAG	0	0
mORF_+_264202	264202	264219	+	1	18	ATG	TGA	0	0

mORF_+_264328	264328	264369	+	1	42	GTG	TGA	0	0	
mORF_+_264366	264366	264506	+	3	141	GTG	TGA	0	0	
mORF_+_264389	264389	264487	+	2	99	TTG	TAA	0	0	
mORF_+_264400	264400	264450	+	1	51	GTG	TAA	0	0	
mORF_+_264491	264491	264580	+	2	90	GTG	TAA	0	0	
mORF_+_264507	264507	264560	+	3	54	ATG	TGA	0	0	
mORF_+_264517	264517	264573	+	1	57	ATG	TAG	0	0	
mORF_+_264611	264611	264688	+	2	78	ATG	TGA	0	0	
mORF_+_264660	264660	264908	+	3	249	GTG	TGA	0	0	
mORF_+_264685	264685	265116	+	1	432	GTG	TGA	0	0	
mORF_+_264743	264743	264781	+	2	39	GTG	TGA	0	0	
mORF_+_264851	264851	264937	+	2	87	TTG	TAG	0	0	
mORF_+_264965	264965	265039	+	2	75	TTG	TGA	0	0	
mORF_+_265052	265052	265123	+	2	72	GTG	TGA	0	0	
mORF_+_265117	265117	265296	+	1	180	ATG	TAG	0	0	
mORF_+_265151	265151	265213	+	2	63	GTG	TGA	0	0	
mORF_+_265296	265296	265343	+	3	48	GTG	TGA	0	0	
mORF_+_265344	265344	265523	+	3	180	TTG	TAG	0	0	
mORF_+_265391	265391	265570	+	2	180	ATG	TAA	0	0	
mORF_+_265486	265486	265623	+	1	138	GTG	TGA	0	0	
mORF_+_265581	265581	265598	+	3	18	GTG	TAG	0	0	
mORF_+_265634	265634	265822	+	2	189	GTG	TAA	0	0	
mORF_+_265660	265660	265668	+	1	9	GTG	TGA	0	0	
mORF_+_265665	265665	265973	+	3	309	GTG	TGA	1	2	pORF_+_265665
mORF_+_265717	265717	265725	+	1	9	ATG	TGA	0	0	
mORF_+_265762	265762	265791	+	1	30	GTG	TGA	0	0	
mORF_+_265823	265823	266146	+	2	324	ATG	TGA	0	0	
mORF_+_266064	266064	266207	+	3	144	GTG	TGA	0	0	
mORF_+_266143	266143	266154	+	1	12	GTG	TGA	0	0	
mORF_+_266168	266168	266218	+	2	51	ATG	TGA	0	0	
mORF_+_266185	266185	266193	+	1	9	GTG	TGA	0	0	
mORF_+_266225	266225	266233	+	2	9	ATG	TGA	0	0	
mORF_+_266230	266230	266340	+	1	111	GTG	TGA	0	0	
mORF_+_266262	266262	266336	+	3	75	ATG	TGA	0	0	
mORF_+_266333	266333	266386	+	2	54	GTG	TAA	0	0	
mORF_+_266337	266337	266558	+	3	222	GTG	TGA	0	0	
mORF_+_266417	266417	266503	+	2	87	TTG	TGA	0	0	
mORF_+_266449	266449	266460	+	1	12	GTG	TAA	0	0	
mORF_+_266500	266500	266532	+	1	33	GTG	TGA	0	0	
mORF_+_266571	266571	266789	+	3	219	GTG	TGA	0	0	
mORF_+_266642	266642	266875	+	2	234	GTG	TAG	0	0	
mORF_+_266662	266662	266667	+	1	6	ATG	TGA	0	0	
mORF_+_266677	266677	266919	+	1	243	TTG	TGA	0	0	
mORF_+_266805	266805	266858	+	3	54	TTG	TGA	0	0	
mORF_+_266909	266909	266923	+	2	15	GTG	TAG	0	0	
mORF_+_266916	266916	267026	+	3	111	TTG	TGA	0	0	
mORF_+_266981	266981	267061	+	2	81	ATG	TAG	0	0	
mORF_+_266986	266986	267132	+	1	147	TTG	TGA	0	0	
mORF_+_267078	267078	267092	+	3	15	ATG	TAG	0	0	
mORF_+_267116	267116	267172	+	2	57	GTG	TAA	0	0	
mORF_+_267120	267120	267302	+	3	183	TTG	TAA	0	0	
mORF_+_267196	267196	267231	+	1	36	TTG	TAA	0	0	
mORF_+_267308	267308	267316	+	2	9	ATG	TAA	0	0	
mORF_+_267364	267364	267381	+	1	18	GTG	TGA	0	0	
mORF_+_267382	267382	267774	+	1	393	ATG	TGA	0	0	
mORF_+_267504	267504	267590	+	3	87	ATG	TAG	0	0	
mORF_+_267539	267539	267553	+	2	15	GTG	TAA	0	0	
mORF_+_267615	267615	268001	+	3	387	ATG	TGA	0	0	
mORF_+_267962	267962	267994	+	2	33	GTG	TGA	0	0	
mORF_+_267998	267998	268063	+	2	66	GTG	TAA	0	0	
mORF_+_268024	268024	268083	+	1	60	TTG	TAG	0	0	
mORF_+_268101	268101	268121	+	3	21	TTG	TGA	0	0	
mORF_+_268128	268128	268205	+	3	78	TTG	TAA	0	0	

mORF_+_268223	268223	268240	+	2	18	GTG	TAA	0	0
mORF_+_268241	268241	268273	+	2	33	TTG	TGA	0	0
mORF_+_268296	268296	268331	+	3	36	TTG	TGA	0	0
mORF_+_268328	268328	268342	+	2	15	ATG	TAA	0	0
mORF_+_268332	268332	268358	+	3	27	ATG	TAA	0	0
mORF_+_268369	268369	268380	+	1	12	TTG	TGA	0	0
mORF_+_268377	268377	268400	+	3	24	ATG	TAA	0	0
mORF_+_268387	268387	268506	+	1	120	GTG	TGA	0	0
mORF_+_268439	268439	268459	+	2	21	GTG	TAA	0	0
mORF_+_268503	268503	268535	+	3	33	GTG	TGA	0	0
mORF_+_268532	268532	268609	+	2	78	TTG	TAA	0	0
mORF_+_268576	268576	268692	+	1	117	ATG	TAG	0	0
mORF_+_268616	268616	268621	+	2	6	ATG	TAA	0	0
mORF_+_268647	268647	268670	+	3	24	GTG	TAG	0	0
mORF_+_268695	268695	268745	+	3	51	TTG	TAA	0	0
mORF_+_268775	268775	268840	+	2	66	TTG	TGA	0	0
mORF_+_268779	268779	268913	+	3	135	GTG	TAA	0	0
mORF_+_268891	268891	268950	+	1	60	TTG	TGA	0	0
mORF_+_268947	268947	269060	+	3	114	GTG	TGA	0	0
mORF_+_269015	269015	269089	+	2	75	GTG	TGA	0	0
mORF_+_269073	269073	269174	+	3	102	GTG	TAA	0	0
mORF_+_269086	269086	269148	+	1	63	TTG	TAA	0	0
mORF_+_269186	269186	269245	+	2	60	ATG	TGA	0	0
mORF_+_269188	269188	269307	+	1	120	GTG	TGA	0	0
mORF_+_269276	269276	269533	+	2	258	TTG	TAA	0	0
mORF_+_269304	269304	269426	+	3	123	GTG	TAG	0	0
mORF_+_269434	269434	269445	+	1	12	GTG	TGA	0	0
mORF_+_269448	269448	269459	+	3	12	TTG	TGA	0	0
mORF_+_269466	269466	269870	+	3	405	GTG	TGA	0	0
mORF_+_269494	269494	269502	+	1	9	GTG	TAA	0	0
mORF_+_269557	269557	269619	+	1	63	TTG	TGA	0	0
mORF_+_269624	269624	269644	+	2	21	ATG	TGA	0	0
mORF_+_269641	269641	269754	+	1	114	GTG	TAA	0	0
mORF_+_269776	269776	269799	+	1	24	TTG	TGA	0	0
mORF_+_269804	269804	269830	+	2	27	ATG	TGA	0	0
mORF_+_269827	269827	270978	+	1	1152	ATG	TGA	0	0
mORF_+_269867	269867	269905	+	2	39	TTG	TAG	0	0
mORF_+_269874	269874	269900	+	3	27	ATG	TGA	0	0
mORF_+_269975	269975	269995	+	2	21	ATG	TAG	0	0
mORF_+_270059	270059	270067	+	2	9	GTG	TAG	0	0
mORF_+_270104	270104	270250	+	2	147	GTG	TGA	0	0
mORF_+_270192	270192	270326	+	3	135	GTG	TGA	0	0
mORF_+_270359	270359	270379	+	2	21	GTG	TGA	0	0
mORF_+_270416	270416	270463	+	2	48	ATG	TAG	0	0
mORF_+_270525	270525	270611	+	3	87	TTG	TAG	0	0
mORF_+_270575	270575	270580	+	2	6	TTG	TAG	0	0
mORF_+_270699	270699	270758	+	3	60	ATG	TAA	0	0
mORF_+_270786	270786	270806	+	3	21	TTG	TGA	0	0
mORF_+_270803	270803	270823	+	2	21	ATG	TAA	0	0
mORF_+_270849	270849	270875	+	3	27	ATG	TGA	0	0
mORF_+_270854	270854	270880	+	2	27	TTG	TAG	0	0
mORF_+_270887	270887	270901	+	2	15	TTG	TAA	0	0
mORF_+_270950	270950	270970	+	2	21	TTG	TGA	0	0
mORF_+_270975	270975	270998	+	3	24	TTG	TGA	0	0
mORF_+_270995	270995	271027	+	2	33	TTG	TAA	0	0
mORF_+_271054	271054	271479	+	1	426	GTG	TGA	0	0
mORF_+_271070	271070	271270	+	2	201	ATG	TGA	0	0
mORF_+_271290	271290	271316	+	3	27	TTG	TAA	0	0
mORF_+_271319	271319	271375	+	2	57	GTG	TAA	0	0
mORF_+_271392	271392	271403	+	3	12	GTG	TGA	0	0
mORF_+_271400	271400	271408	+	2	9	GTG	TGA	0	0
mORF_+_271415	271415	271450	+	2	36	GTG	TAA	0	0
mORF_+_271443	271443	271454	+	3	12	ATG	TGA	0	0

mORF_+_271451	271451	271549	+	2	99	ATG	TGA	0	0
mORF_+_271476	271476	271487	+	3	12	TTG	TAA	0	0
mORF_+_271494	271494	271577	+	3	84	ATG	TAA	0	0
mORF_+_271519	271519	271524	+	1	6	GTG	TGA	0	0
mORF_+_271546	271546	271572	+	1	27	GTG	TGA	0	0
mORF_+_271595	271595	271612	+	2	18	TTG	TAA	0	0
mORF_+_271619	271619	271642	+	2	24	ATG	TGA	0	0
mORF_+_271647	271647	271709	+	3	63	TTG	TGA	0	0
mORF_+_271678	271678	271686	+	1	9	GTG	TGA	0	0
mORF_+_271706	271706	271714	+	2	9	GTG	TGA	0	0
mORF_+_271721	271721	271774	+	2	54	GTG	TGA	0	0
mORF_+_271771	271771	271950	+	1	180	TTG	TGA	0	0
mORF_+_271776	271776	271889	+	3	114	ATG	TGA	0	0
mORF_+_271814	271814	271825	+	2	12	TTG	TGA	0	0
mORF_+_271859	271859	271903	+	2	45	GTG	TAA	0	0
mORF_+_271925	271925	272047	+	2	123	ATG	TAA	0	0
mORF_+_271938	271938	271976	+	3	39	ATG	TAG	0	0
mORF_+_271986	271986	272042	+	3	57	ATG	TGA	0	0
mORF_+_272026	272026	272064	+	1	39	ATG	TGA	0	0
mORF_+_272061	272061	272180	+	3	120	GTG	TGA	0	0
mORF_+_272071	272071	273216	+	1	1146	TTG	TGA	0	0
mORF_+_272099	272099	272155	+	2	57	TTG	TGA	0	0
mORF_+_272228	272228	272239	+	2	12	TTG	TGA	0	0
mORF_+_272270	272270	272419	+	2	150	TTG	TGA	0	0
mORF_+_272436	272436	272447	+	3	12	ATG	TGA	0	0
mORF_+_272444	272444	272512	+	2	69	GTG	TGA	0	0
mORF_+_272531	272531	272557	+	2	27	GTG	TGA	0	0
mORF_+_272558	272558	272608	+	2	51	TTG	TGA	0	0
mORF_+_272633	272633	272650	+	2	18	GTG	TGA	0	0
mORF_+_272658	272658	272714	+	3	57	GTG	TGA	0	0
mORF_+_272687	272687	272767	+	2	81	ATG	TGA	0	0
mORF_+_272768	272768	272803	+	2	36	ATG	TGA	0	0
mORF_+_272826	272826	272840	+	3	15	GTG	TAA	0	0
mORF_+_272886	272886	272924	+	3	39	GTG	TGA	0	0
mORF_+_272915	272915	273007	+	2	93	ATG	TGA	0	0
mORF_+_272979	272979	273029	+	3	51	GTG	TAA	0	0
mORF_+_273044	273044	273166	+	2	123	ATG	TGA	0	0
mORF_+_273177	273177	273287	+	3	111	ATG	TAG	0	0
mORF_+_273241	273241	273264	+	1	24	TTG	TAA	0	0
mORF_+_273265	273265	273273	+	1	9	ATG	TGA	0	0
mORF_+_273328	273328	273390	+	1	63	GTG	TAA	0	0
mORF_+_273374	273374	273640	+	2	267	TTG	TAG	0	0
mORF_+_273400	273400	273654	+	1	255	TTG	TGA	0	0
mORF_+_273471	273471	273521	+	3	51	ATG	TGA	0	0
mORF_+_273540	273540	273698	+	3	159	GTG	TGA	0	0
mORF_+_273661	273661	274029	+	1	369	TTG	TAA	0	0
mORF_+_273695	273695	273793	+	2	99	TTG	TGA	0	0
mORF_+_273794	273794	273811	+	2	18	TTG	TGA	0	0
mORF_+_273839	273839	273895	+	2	57	TTG	TGA	0	0
mORF_+_273858	273858	273869	+	3	12	GTG	TGA	0	0
mORF_+_273902	273902	273961	+	2	60	ATG	TGA	0	0
mORF_+_273989	273989	274117	+	2	129	ATG	TGA	0	0
mORF_+_274102	274102	274125	+	1	24	ATG	TAG	0	0
mORF_+_274118	274118	274144	+	2	27	ATG	TAA	0	0
mORF_+_274166	274166	274174	+	2	9	TTG	TAA	0	0
mORF_+_274184	274184	274255	+	2	72	ATG	TGA	0	0
mORF_+_274201	274201	274386	+	1	186	TTG	TGA	0	0
mORF_+_274206	274206	274271	+	3	66	ATG	TGA	0	0
mORF_+_274304	274304	274417	+	2	114	ATG	TAA	0	0
mORF_+_274359	274359	274472	+	3	114	TTG	TGA	0	0
mORF_+_274469	274469	274540	+	2	72	TTG	TAG	0	0
mORF_+_274513	274513	274524	+	1	12	TTG	TAG	0	0
mORF_+_274525	274525	275952	+	1	1428	ATG	TAA	1	2

pORF_+_274525

mORF_+_274568	274568	274579	+	2	12	ATG	TGA	0	0	
mORF_+_274631	274631	274708	+	2	78	TTG	TGA	0	0	
mORF_+_274709	274709	274852	+	2	144	TTG	TGA	0	0	
mORF_+_274740	274740	275123	+	3	384	GTG	TAA	0	0	
mORF_+_274964	274964	274972	+	2	9	TTG	TGA	0	0	
mORF_+_274973	274973	275119	+	2	147	ATG	TGA	0	0	
mORF_+_275153	275153	275170	+	2	18	GTG	TGA	0	0	
mORF_+_275192	275192	275266	+	2	75	TTG	TAG	0	0	
mORF_+_275318	275318	275335	+	2	18	TTG	TGA	0	0	
mORF_+_275372	275372	275395	+	2	24	TTG	TAG	0	0	
mORF_+_275471	275471	275539	+	2	69	ATG	TAA	0	0	
mORF_+_275490	275490	275507	+	3	18	GTG	TGA	0	0	
mORF_+_275585	275585	275671	+	2	87	GTG	TAG	0	0	
mORF_+_275676	275676	275735	+	3	60	GTG	TAA	0	0	
mORF_+_275702	275702	275743	+	2	42	TTG	TGA	0	0	
mORF_+_275744	275744	275791	+	2	48	GTG	TAG	0	0	
mORF_+_275766	275766	276041	+	3	276	GTG	TAG	0	0	
mORF_+_275795	275795	276871	+	2	1077	TTG	TGA	1	3	pORF_+_275795
mORF_+_276031	276031	276036	+	1	6	GTG	TAA	0	0	
mORF_+_276052	276052	276108	+	1	57	GTG	TGA	0	0	
mORF_+_276105	276105	276212	+	3	108	TTG	TGA	0	0	
mORF_+_276130	276130	276192	+	1	63	ATG	TGA	0	0	
mORF_+_276213	276213	276488	+	3	276	TTG	TGA	0	0	
mORF_+_276358	276358	276363	+	1	6	TTG	TAG	0	0	
mORF_+_276501	276501	276548	+	3	48	GTG	TGA	0	0	
mORF_+_276511	276511	276570	+	1	60	GTG	TGA	0	0	
mORF_+_276567	276567	276614	+	3	48	GTG	TAG	0	0	
mORF_+_276627	276627	276674	+	3	48	TTG	TAA	0	0	
mORF_+_276720	276720	276728	+	3	9	ATG	TGA	0	0	
mORF_+_276750	276750	276812	+	3	63	GTG	TGA	0	0	
mORF_+_276757	276757	277065	+	1	309	TTG	TAG	0	0	
mORF_+_276813	276813	276857	+	3	45	TTG	TAA	0	0	
mORF_+_276897	276897	276902	+	3	6	TTG	TAG	0	0	
mORF_+_276929	276929	277081	+	2	153	TTG	TAA	0	0	
mORF_+_276936	276936	277031	+	3	96	ATG	TAA	0	0	
mORF_+_277068	277068	277133	+	3	66	TTG	TAG	0	0	
mORF_+_277094	277094	277369	+	2	276	GTG	TGA	0	0	
mORF_+_277185	277185	277256	+	3	72	GTG	TGA	0	0	
mORF_+_277225	277225	277287	+	1	63	GTG	TGA	0	0	
mORF_+_277291	277291	277320	+	1	30	TTG	TAA	0	0	
mORF_+_277305	277305	277355	+	3	51	TTG	TAA	0	0	
mORF_+_277366	277366	277383	+	1	18	GTG	TGA	0	0	
mORF_+_277380	277380	277439	+	3	60	ATG	TGA	0	0	
mORF_+_277385	277385	278143	+	2	759	GTG	TAG	0	0	
mORF_+_277446	277446	277622	+	3	177	GTG	TGA	0	0	
mORF_+_277674	277674	277727	+	3	54	TTG	TAA	0	0	
mORF_+_277815	277815	278021	+	3	207	GTG	TGA	0	0	
mORF_+_278028	278028	278102	+	3	75	GTG	TGA	0	0	
mORF_+_278180	278180	278191	+	2	12	TTG	TAA	0	0	
mORF_+_278216	278216	278269	+	2	54	GTG	TAA	0	0	
mORF_+_278312	278312	278467	+	2	156	ATG	TGA	0	0	
mORF_+_278314	278314	278355	+	1	42	GTG	TGA	0	0	
mORF_+_278352	278352	278408	+	3	57	GTG	TGA	0	0	
mORF_+_278380	278380	278391	+	1	12	TTG	TAA	0	0	
mORF_+_278418	278418	278429	+	3	12	ATG	TAA	0	0	
mORF_+_278436	278436	278726	+	3	291	ATG	TAA	0	0	
mORF_+_278464	278464	278556	+	1	93	TTG	TGA	0	0	
mORF_+_278501	278501	278635	+	2	135	GTG	TGA	0	0	
mORF_+_278632	278632	278649	+	1	18	GTG	TAA	0	0	
mORF_+_278687	278687	278956	+	2	270	GTG	TGA	3	15	pORF_+_278687
mORF_+_278793	278793	278870	+	3	78	ATG	TGA	0	0	
mORF_+_278851	278851	279066	+	1	216	ATG	TGA	0	0	
mORF_+_278895	278895	278933	+	3	39	TTG	TGA	0	0	

mORF_+_278963	278963	278968	+	2	6	GTG	TAA	0	0	
mORF_+_278969	278969	279001	+	2	33	GTG	TGA	0	0	
mORF_+_278985	278985	279062	+	3	78	ATG	TAG	0	0	
mORF_+_279029	279029	279139	+	2	111	GTG	TAA	0	0	
mORF_+_279141	279141	279173	+	3	33	TTG	TAA	0	0	
mORF_+_279199	279199	279225	+	1	27	ATG	TGA	0	0	
mORF_+_279204	279204	279230	+	3	27	TTG	TAG	0	0	
mORF_+_279237	279237	279251	+	3	15	TTG	TAA	0	0	
mORF_+_279300	279300	279320	+	3	21	TTG	TGA	0	0	
mORF_+_279317	279317	279328	+	2	12	TTG	TGA	0	0	
mORF_+_279325	279325	279369	+	1	45	TTG	TAA	0	0	
mORF_+_279351	279351	279410	+	3	60	ATG	TGA	0	0	
mORF_+_279432	279432	279470	+	3	39	GTG	TAA	0	0	
mORF_+_279476	279476	279616	+	2	141	GTG	TGA	2	26	pORF_+_279476
mORF_+_279480	279480	279521	+	3	42	GTG	TAA	0	0	
mORF_+_279496	279496	279543	+	1	48	GTG	TGA	0	0	
mORF_+_279540	279540	279572	+	3	33	TTG	TAA	0	0	
mORF_+_279585	279585	279602	+	3	18	ATG	TAA	0	0	
mORF_+_279613	279613	279675	+	1	63	ATG	TGA	0	0	
mORF_+_279624	279624	279815	+	3	192	GTG	TAG	0	0	
mORF_+_279653	279653	279724	+	2	72	TTG	TGA	0	0	
mORF_+_279721	279721	279879	+	1	159	GTG	TGA	0	0	
mORF_+_279779	279779	279832	+	2	54	GTG	TGA	0	0	
mORF_+_279833	279833	279844	+	2	12	ATG	TGA	0	0	
mORF_+_279867	279867	280304	+	3	438	ATG	TGA	0	0	
mORF_+_279896	279896	279916	+	2	21	GTG	TGA	0	0	
mORF_+_279913	279913	279942	+	1	30	GTG	TGA	0	0	
mORF_+_279985	279985	279999	+	1	15	ATG	TGA	0	0	
mORF_+_280006	280006	280056	+	1	51	TTG	TAA	0	0	
mORF_+_280069	280069	280134	+	1	66	ATG	TAG	0	0	
mORF_+_280186	280186	280311	+	1	126	TTG	TGA	0	0	
mORF_+_280277	280277	280633	+	2	357	TTG	TGA	0	0	
mORF_+_280347	280347	280580	+	3	234	GTG	TGA	0	0	
mORF_+_280555	280555	280617	+	1	63	GTG	TAA	0	0	
mORF_+_280674	280674	280829	+	3	156	GTG	TGA	0	0	
mORF_+_280717	280717	280947	+	1	231	GTG	TGA	0	0	
mORF_+_280826	280826	280879	+	2	54	GTG	TGA	0	0	
mORF_+_280848	280848	280991	+	3	144	ATG	TGA	0	0	
mORF_+_280975	280975	281031	+	1	57	GTG	TGA	0	0	
mORF_+_280988	280988	281197	+	2	210	ATG	TAA	0	0	
mORF_+_281004	281004	281090	+	3	87	ATG	TGA	0	0	
mORF_+_281071	281071	281076	+	1	6	TTG	TAG	0	0	
mORF_+_281080	281080	281370	+	1	291	GTG	TGA	0	0	
mORF_+_281220	281220	281228	+	3	9	ATG	TAG	0	0	
mORF_+_281229	281229	281234	+	3	6	TTG	TAA	0	0	
mORF_+_281235	281235	281435	+	3	201	GTG	TAG	0	0	
mORF_+_281258	281258	281356	+	2	99	GTG	TGA	0	0	
mORF_+_281420	281420	281440	+	2	21	TTG	TGA	0	0	
mORF_+_281437	281437	281451	+	1	15	ATG	TAA	0	0	
mORF_+_281469	281469	281474	+	3	6	ATG	TAG	0	0	
mORF_+_281481	281481	282410	+	3	930	ATG	TGA	3	5	pORF_+_281481
mORF_+_281623	281623	281739	+	1	117	TTG	TGA	0	0	
mORF_+_282055	282055	282174	+	1	120	GTG	TGA	0	0	
mORF_+_282274	282274	282279	+	1	6	TTG	TGA	0	0	
mORF_+_282404	282404	284392	+	2	1989	TTG	TAA	1	4	pORF_+_282404
mORF_+_282432	282432	282476	+	3	45	TTG	TGA	0	0	
mORF_+_282691	282691	282915	+	1	225	TTG	TAA	0	0	
mORF_+_282741	282741	282863	+	3	123	ATG	TGA	0	0	
mORF_+_282936	282936	283328	+	3	393	TTG	TGA	0	0	
mORF_+_283120	283120	283269	+	1	150	GTG	TAG	1	2	pORF_+_283120
mORF_+_283413	283413	283457	+	3	45	TTG	TGA	0	0	
mORF_+_283605	283605	283673	+	3	69	TTG	TAG	0	0	
mORF_+_283609	283609	283683	+	1	75	ATG	TGA	0	0	

mORF_+_283680	283680	283688	+	3	9	ATG	TGA	0	0	
mORF_+_283815	283815	283922	+	3	108	ATG	TGA	0	0	
mORF_+_283993	283993	284115	+	1	123	GTG	TAA	0	0	
mORF_+_284022	284022	284147	+	3	126	ATG	TGA	0	0	
mORF_+_284284	284284	284337	+	1	54	GTG	TGA	0	0	
mORF_+_284334	284334	284360	+	3	27	ATG	TAA	0	0	
mORF_+_284441	284441	284476	+	2	36	TTG	TAG	0	0	
mORF_+_284477	284477	284512	+	2	36	TTG	TAA	0	0	
mORF_+_284490	284490	284528	+	3	39	TTG	TAA	0	0	
mORF_+_284532	284532	284549	+	3	18	ATG	TAA	0	0	
mORF_+_284539	284539	284553	+	1	15	TTG	TGA	0	0	
mORF_+_284550	284550	284588	+	3	39	TTG	TAA	0	0	
mORF_+_284608	284608	284613	+	1	6	GTG	TAA	0	0	
mORF_+_284619	284619	286001	+	3	1383	ATG	TAA	3	11	pORF_+_284619
mORF_+_284647	284647	284805	+	1	159	TTG	TGA	0	0	
mORF_+_284864	284864	284992	+	2	129	GTG	TAA	0	0	
mORF_+_285170	285170	285244	+	2	75	GTG	TGA	0	0	
mORF_+_285241	285241	285330	+	1	90	TTG	TGA	0	0	
mORF_+_285302	285302	285613	+	2	312	GTG	TAA	0	0	
mORF_+_285580	285580	285639	+	1	60	TTG	TGA	0	0	
mORF_+_285632	285632	285649	+	2	18	GTG	TGA	0	0	
mORF_+_285730	285730	285939	+	1	210	TTG	TGA	0	0	
mORF_+_286013	286013	287623	+	2	1611	ATG	TAA	0	0	
mORF_+_286063	286063	286143	+	1	81	GTG	TGA	0	0	
mORF_+_286140	286140	286148	+	3	9	GTG	TGA	0	0	
mORF_+_286237	286237	286260	+	1	24	GTG	TAA	0	0	
mORF_+_286290	286290	286610	+	3	321	TTG	TGA	0	0	
mORF_+_286303	286303	286392	+	1	90	GTG	TGA	0	0	
mORF_+_286444	286444	286500	+	1	57	GTG	TGA	0	0	
mORF_+_286597	286597	286785	+	1	189	ATG	TGA	0	0	
mORF_+_286782	286782	286952	+	3	171	GTG	TGA	0	0	
mORF_+_286786	286786	286902	+	1	117	ATG	TGA	0	0	
mORF_+_286903	286903	287034	+	1	132	ATG	TGA	0	0	
mORF_+_287031	287031	287243	+	3	213	TTG	TGA	0	0	
mORF_+_287280	287280	287480	+	3	201	TTG	TGA	1	2	pORF_+_287280
mORF_+_287347	287347	287451	+	1	105	GTG	TGA	0	0	
mORF_+_287461	287461	287487	+	1	27	GTG	TGA	0	0	
mORF_+_287484	287484	287864	+	3	381	ATG	TAA	0	0	
mORF_+_287491	287491	287640	+	1	150	GTG	TAG	0	0	
mORF_+_287749	287749	287829	+	1	81	ATG	TAG	0	0	
mORF_+_287884	287884	287910	+	1	27	GTG	TGA	0	0	
mORF_+_287965	287965	288015	+	1	51	TTG	TAG	0	0	
mORF_+_287982	287982	288011	+	3	30	GTG	TGA	0	0	
mORF_+_288008	288008	288301	+	2	294	GTG	TGA	0	0	
mORF_+_288019	288019	288054	+	1	36	ATG	TAG	0	0	
mORF_+_288084	288084	288257	+	3	174	ATG	TAG	0	0	
mORF_+_288088	288088	288225	+	1	138	GTG	TGA	0	0	
mORF_+_288264	288264	288452	+	3	189	GTG	TGA	0	0	
mORF_+_288277	288277	288375	+	1	99	TTG	TGA	0	0	
mORF_+_288388	288388	288414	+	1	27	ATG	TAA	0	0	
mORF_+_288449	288449	288499	+	2	51	ATG	TGA	0	0	
mORF_+_288454	288454	288768	+	1	315	ATG	TGA	0	0	
mORF_+_288480	288480	289265	+	3	786	GTG	TGA	0	0	
mORF_+_288539	288539	288559	+	2	21	TTG	TAA	0	0	
mORF_+_288808	288808	288843	+	1	36	TTG	TAG	0	0	
mORF_+_289018	289018	289050	+	1	33	TTG	TAG	0	0	
mORF_+_289075	289075	289206	+	1	132	TTG	TGA	0	0	
mORF_+_289219	289219	289305	+	1	87	ATG	TAG	0	0	
mORF_+_289262	289262	289309	+	2	48	TTG	TAA	0	0	
mORF_+_289272	289272	289301	+	3	30	ATG	TAA	0	0	
mORF_+_289328	289328	289381	+	2	54	ATG	TGA	0	0	
mORF_+_289378	289378	289566	+	1	189	ATG	TAA	0	0	
mORF_+_289445	289445	289471	+	2	27	GTG	TGA	0	0	

mORF_+_289475	289475	289486	+	2	12	GTG	TAA	0	0	
mORF_+_289506	289506	289520	+	3	15	GTG	TAA	0	0	
mORF_+_289541	289541	289561	+	2	21	ATG	TGA	0	0	
mORF_+_289579	289579	289737	+	1	159	ATG	TGA	0	0	
mORF_+_289581	289581	289586	+	3	6	GTG	TAA	0	0	
mORF_+_289595	289595	289654	+	2	60	TTG	TGA	0	0	
mORF_+_289629	289629	289862	+	3	234	GTG	TAA	0	0	
mORF_+_289700	289700	289759	+	2	60	TTG	TGA	0	0	
mORF_+_289744	289744	289938	+	1	195	TTG	TGA	0	0	
mORF_+_289862	289862	289879	+	2	18	ATG	TGA	0	0	
mORF_+_289889	289889	289900	+	2	12	ATG	TAA	0	0	
mORF_+_289907	289907	290197	+	2	291	ATG	TAA	0	0	
mORF_+_289935	289935	290027	+	3	93	TTG	TGA	0	0	
mORF_+_289972	289972	290106	+	1	135	GTG	TGA	0	0	
mORF_+_290103	290103	290120	+	3	18	GTG	TAA	0	0	
mORF_+_290158	290158	290427	+	1	270	GTG	TGA	3	15	pORF_+_290158
mORF_+_290264	290264	290341	+	2	78	ATG	TGA	0	0	
mORF_+_290322	290322	290537	+	3	216	ATG	TGA	0	0	
mORF_+_290366	290366	290404	+	2	39	TTG	TGA	0	0	
mORF_+_290434	290434	290439	+	1	6	GTG	TAA	0	0	
mORF_+_290440	290440	290472	+	1	33	GTG	TGA	0	0	
mORF_+_290456	290456	290533	+	2	78	ATG	TAG	0	0	
mORF_+_290500	290500	290610	+	1	111	GTG	TAA	0	0	
mORF_+_290612	290612	290677	+	2	66	TTG	TAA	0	0	
mORF_+_290641	290641	290763	+	1	123	ATG	TGA	0	0	
mORF_+_290724	290724	291455	+	3	732	ATG	TAA	0	0	
mORF_+_290785	290785	290850	+	1	66	ATG	TGA	0	0	
mORF_+_290813	290813	290857	+	2	45	GTG	TGA	0	0	
mORF_+_290854	290854	290892	+	1	39	ATG	TGA	0	0	
mORF_+_290908	290908	290946	+	1	39	ATG	TGA	0	0	
mORF_+_290956	290956	291039	+	1	84	GTG	TGA	0	0	
mORF_+_291005	291005	291010	+	2	6	GTG	TGA	0	0	
mORF_+_291044	291044	291064	+	2	21	TTG	TGA	0	0	
mORF_+_291061	291061	291231	+	1	171	TTG	TAG	0	0	
mORF_+_291256	291256	291342	+	1	87	ATG	TAA	0	0	
mORF_+_291379	291379	291462	+	1	84	ATG	TAG	0	0	
mORF_+_291467	291467	291490	+	2	24	TTG	TAG	0	0	
mORF_+_291498	291498	291515	+	3	18	TTG	TAA	0	0	
mORF_+_291558	291558	291635	+	3	78	TTG	TAA	0	0	
mORF_+_291598	291598	291621	+	1	24	TTG	TAG	0	0	
mORF_+_291670	291670	291723	+	1	54	TTG	TGA	0	0	
mORF_+_291705	291705	291863	+	3	159	ATG	TGA	0	0	
mORF_+_291763	291763	291792	+	1	30	GTG	TGA	0	0	
mORF_+_291823	291823	291846	+	1	24	TTG	TGA	0	0	
mORF_+_291910	291910	292050	+	1	141	ATG	TAG	0	0	
mORF_+_292050	292050	292076	+	3	27	GTG	TAA	0	0	
mORF_+_292140	292140	292283	+	3	144	ATG	TAG	0	0	
mORF_+_292163	292163	292174	+	2	12	ATG	TAA	0	0	
mORF_+_292318	292318	292392	+	1	75	GTG	TAG	0	0	
mORF_+_292344	292344	292415	+	3	72	ATG	TAA	0	0	
mORF_+_292402	292402	292434	+	1	33	GTG	TAG	0	0	
mORF_+_292451	292451	292522	+	2	72	ATG	TGA	0	0	
mORF_+_292468	292468	292488	+	1	21	GTG	TAA	0	0	
mORF_+_292506	292506	292526	+	3	21	TTG	TAA	0	0	
mORF_+_292545	292545	292550	+	3	6	TTG	TGA	0	0	
mORF_+_292547	292547	292636	+	2	90	GTG	TGA	0	0	
mORF_+_292600	292600	292623	+	1	24	ATG	TGA	0	0	
mORF_+_292620	292620	292727	+	3	108	TTG	TAA	0	0	
mORF_+_292633	292633	292704	+	1	72	GTG	TGA	0	0	
mORF_+_292637	292637	292654	+	2	18	ATG	TGA	0	0	
mORF_+_292711	292711	292755	+	1	45	ATG	TAA	0	0	
mORF_+_292805	292805	292837	+	2	33	ATG	TGA	0	0	
mORF_+_292834	292834	292857	+	1	24	ATG	TAA	0	0	

mORF_+_292861	292861	292869	+	1	9	TTG	TGA	0	0
mORF_+_292906	292906	292917	+	1	12	ATG	TAG	0	0
mORF_+_292930	292930	292950	+	1	21	TTG	TGA	0	0
mORF_+_292947	292947	292964	+	3	18	GTG	TAA	0	0
mORF_+_292951	292951	293007	+	1	57	GTG	TGA	0	0
mORF_+_292964	292964	292999	+	2	36	ATG	TAA	0	0
mORF_+_293004	293004	293054	+	3	51	ATG	TGA	0	0
mORF_+_293017	293017	293058	+	1	42	ATG	TAA	0	0
mORF_+_293027	293027	293035	+	2	9	GTG	TAA	0	0
mORF_+_293058	293058	293090	+	3	33	ATG	TAG	0	0
mORF_+_293066	293066	293122	+	2	57	TTG	TAA	0	0
mORF_+_293094	293094	293144	+	3	51	GTG	TAA	0	0
mORF_+_293098	293098	293115	+	1	18	TTG	TAA	0	0
mORF_+_293145	293145	293189	+	3	45	TTG	TGA	0	0
mORF_+_293149	293149	293172	+	1	24	TTG	TAG	0	0
mORF_+_293159	293159	293203	+	2	45	TTG	TAA	0	0
mORF_+_293203	293203	293289	+	1	87	ATG	TAA	0	0
mORF_+_293283	293283	293381	+	3	99	ATG	TGA	0	0
mORF_+_293375	293375	293440	+	2	66	ATG	TAA	0	0
mORF_+_293433	293433	293453	+	3	21	ATG	TGA	0	0
mORF_+_293446	293446	293472	+	1	27	ATG	TGA	0	0
mORF_+_293450	293450	293563	+	2	114	TTG	TAA	0	0
mORF_+_293469	293469	293540	+	3	72	TTG	TAG	0	0
mORF_+_293497	293497	293502	+	1	6	TTG	TAA	0	0
mORF_+_293503	293503	293508	+	1	6	ATG	TAA	0	0
mORF_+_293509	293509	293529	+	1	21	ATG	TAA	0	0
mORF_+_293584	293584	293610	+	1	27	ATG	TGA	0	0
mORF_+_293607	293607	293636	+	3	30	TTG	TAA	0	0
mORF_+_293623	293623	293778	+	1	156	ATG	TGA	0	0
mORF_+_293636	293636	293647	+	2	12	ATG	TGA	0	0
mORF_+_293765	293765	293800	+	2	36	TTG	TAG	0	0
mORF_+_293775	293775	293795	+	3	21	ATG	TAA	0	0
mORF_+_293782	293782	293841	+	1	60	TTG	TGA	0	0
mORF_+_293838	293838	293855	+	3	18	GTG	TAG	0	0
mORF_+_293849	293849	293899	+	2	51	TTG	TGA	0	0
mORF_+_293865	293865	293882	+	3	18	ATG	TAA	0	0
mORF_+_293889	293889	293909	+	3	21	TTG	TGA	0	0
mORF_+_293896	293896	293964	+	1	69	TTG	TGA	0	0
mORF_+_293910	293910	293945	+	3	36	GTG	TGA	0	0
mORF_+_293942	293942	294007	+	2	66	GTG	TAG	0	0
mORF_+_293961	293961	293984	+	3	24	TTG	TAG	0	0
mORF_+_294040	294040	294069	+	1	30	TTG	TGA	0	0
mORF_+_294079	294079	294123	+	1	45	GTG	TAA	0	0
mORF_+_294165	294165	294176	+	3	12	ATG	TAA	0	0
mORF_+_294205	294205	294237	+	1	33	ATG	TAG	0	0
mORF_+_294215	294215	294259	+	2	45	TTG	TGA	0	0
mORF_+_294225	294225	294296	+	3	72	TTG	TAA	0	0
mORF_+_294275	294275	294283	+	2	9	ATG	TGA	0	0
mORF_+_294280	294280	294309	+	1	30	TTG	TAA	0	0
mORF_+_294287	294287	294292	+	2	6	TTG	TAG	0	0
mORF_+_294296	294296	294337	+	2	42	ATG	TGA	0	0
mORF_+_294318	294318	294326	+	3	9	TTG	TGA	0	0
mORF_+_294330	294330	294356	+	3	27	GTG	TGA	0	0
mORF_+_294334	294334	294534	+	1	201	TTG	TGA	0	0
mORF_+_294353	294353	294382	+	2	30	TTG	TGA	0	0
mORF_+_294357	294357	294386	+	3	30	ATG	TGA	0	0
mORF_+_294383	294383	294409	+	2	27	TTG	TAA	0	0
mORF_+_294416	294416	294424	+	2	9	TTG	TAG	0	0
mORF_+_294497	294497	294514	+	2	18	ATG	TAG	0	0
mORF_+_294531	294531	294563	+	3	33	GTG	TGA	0	0
mORF_+_294545	294545	294586	+	2	42	ATG	TAG	0	0
mORF_+_294594	294594	294617	+	3	24	TTG	TAA	0	0
mORF_+_294628	294628	294720	+	1	93	TTG	TGA	0	0

mORF_+_294635	294635	294673	+	2	39	ATG	TGA	0	0
mORF_+_294717	294717	294734	+	3	18	TTG	TGA	0	0
mORF_+_294722	294722	294739	+	2	18	TTG	TAA	0	0
mORF_+_294769	294769	294822	+	1	54	GTG	TAG	0	0
mORF_+_294788	294788	294841	+	2	54	TTG	TAA	0	0
mORF_+_294823	294823	294837	+	1	15	TTG	TGA	0	0
mORF_+_294834	294834	294875	+	3	42	TTG	TGA	0	0
mORF_+_294845	294845	294862	+	2	18	GTG	TGA	0	0
mORF_+_294859	294859	294882	+	1	24	ATG	TAG	0	0
mORF_+_294872	294872	294886	+	2	15	TTG	TGA	0	0
mORF_+_294883	294883	294951	+	1	69	TTG	TAA	0	0
mORF_+_294894	294894	294899	+	3	6	TTG	TAA	0	0
mORF_+_294914	294914	294967	+	2	54	ATG	TAA	0	0
mORF_+_294936	294936	295028	+	3	93	TTG	TAG	0	0
mORF_+_294973	294973	295065	+	1	93	ATG	TAA	0	0
mORF_+_294989	294989	295003	+	2	15	GTG	TAA	0	0
mORF_+_295028	295028	295129	+	2	102	GTG	TAA	0	0
mORF_+_295053	295053	295070	+	3	18	TTG	TGA	0	0
mORF_+_295083	295083	295136	+	3	54	GTG	TGA	0	0
mORF_+_295133	295133	295153	+	2	21	GTG	TAA	0	0
mORF_+_295147	295147	295200	+	1	54	GTG	TAA	0	0
mORF_+_295176	295176	295298	+	3	123	TTG	TAA	0	0
mORF_+_295178	295178	295186	+	2	9	GTG	TGA	0	0
mORF_+_295258	295258	295305	+	1	48	TTG	TGA	0	0
mORF_+_295265	295265	295273	+	2	9	TTG	TAG	0	0
mORF_+_295302	295302	295436	+	3	135	GTG	TAG	0	0
mORF_+_295351	295351	295362	+	1	12	TTG	TGA	0	0
mORF_+_295427	295427	295489	+	2	63	TTG	TAG	0	0
mORF_+_295441	295441	295449	+	1	9	ATG	TAG	0	0
mORF_+_295455	295455	295556	+	3	102	TTG	TAA	0	0
mORF_+_295490	295490	295528	+	2	39	TTG	TGA	0	0
mORF_+_295559	295559	295630	+	2	72	TTG	TAG	0	0
mORF_+_295561	295561	295581	+	1	21	GTG	TGA	0	0
mORF_+_295578	295578	295589	+	3	12	ATG	TGA	0	0
mORF_+_295614	295614	295640	+	3	27	TTG	TAA	0	0
mORF_+_295643	295643	295711	+	2	69	GTG	TAG	0	0
mORF_+_295650	295650	295700	+	3	51	GTG	TAA	0	0
mORF_+_295728	295728	295814	+	3	87	TTG	TGA	0	0
mORF_+_295744	295744	295809	+	1	66	ATG	TAA	0	0
mORF_+_295766	295766	295927	+	2	162	TTG	TGA	0	0
mORF_+_295821	295821	295880	+	3	60	ATG	TGA	0	0
mORF_+_295837	295837	295848	+	1	12	ATG	TAG	0	0
mORF_+_295852	295852	295860	+	1	9	TTG	TGA	0	0
mORF_+_295915	295915	295971	+	1	57	TTG	TAG	0	0
mORF_+_295978	295978	296055	+	1	78	GTG	TAA	0	0
mORF_+_296006	296006	296011	+	2	6	TTG	TAA	0	0
mORF_+_296055	296055	296282	+	3	228	ATG	TAA	0	0
mORF_+_296099	296099	296194	+	2	96	TTG	TAA	0	0
mORF_+_296116	296116	296127	+	1	12	TTG	TAG	0	0
mORF_+_296128	296128	296199	+	1	72	TTG	TGA	0	0
mORF_+_296228	296228	296236	+	2	9	TTG	TGA	0	0
mORF_+_296233	296233	296262	+	1	30	TTG	TGA	0	0
mORF_+_296266	296266	296316	+	1	51	TTG	TAA	0	0
mORF_+_296282	296282	296287	+	2	6	ATG	TAA	0	0
mORF_+_296294	296294	296299	+	2	6	GTG	TAA	0	0
mORF_+_296304	296304	296333	+	3	30	ATG	TAA	0	0
mORF_+_296327	296327	296380	+	2	54	TTG	TAA	0	0
mORF_+_296352	296352	296360	+	3	9	TTG	TAA	0	0
mORF_+_296362	296362	296415	+	1	54	TTG	TAA	0	0
mORF_+_296384	296384	296395	+	2	12	ATG	TGA	0	0
mORF_+_296396	296396	296440	+	2	45	TTG	TAA	0	0
mORF_+_296400	296400	296411	+	3	12	TTG	TAG	0	0
mORF_+_296418	296418	296426	+	3	9	ATG	TAA	0	0

mORF+_296440	296440	296454	+	1	15	ATG	TAG	0	0
mORF+_296527	296527	297030	+	1	504	GTG	TGA	0	0
mORF+_296538	296538	296549	+	3	12	GTG	TAA	0	0
mORF+_296552	296552	296608	+	2	57	TTG	TAA	0	0
mORF+_296589	296589	296633	+	3	45	GTG	TGA	0	0
mORF+_296630	296630	296638	+	2	9	TTG	TAG	0	0
mORF+_296658	296658	296765	+	3	108	TTG	TGA	0	0
mORF+_296669	296669	296695	+	2	27	TTG	TAG	0	0
mORF+_296777	296777	296902	+	2	126	GTG	TAA	0	0
mORF+_296784	296784	296837	+	3	54	TTG	TAG	0	0
mORF+_296889	296889	297017	+	3	129	ATG	TGA	0	0
mORF+_297014	297014	297262	+	2	249	ATG	TGA	0	0
mORF+_297030	297030	297176	+	3	147	ATG	TAA	0	0
mORF+_297094	297094	297192	+	1	99	TTG	TAG	0	0
mORF+_297180	297180	297317	+	3	138	GTG	TGA	0	0
mORF+_297259	297259	297306	+	1	48	TTG	TGA	0	0
mORF+_297339	297339	297581	+	3	243	ATG	TAG	0	0
mORF+_297355	297355	297405	+	1	51	GTG	TAA	0	0
mORF+_297377	297377	297418	+	2	42	TTG	TGA	0	0
mORF+_297422	297422	297430	+	2	9	ATG	TGA	0	0
mORF+_297448	297448	297513	+	1	66	TTG	TAG	0	0
mORF+_297497	297497	297601	+	2	105	GTG	TGA	0	0
mORF+_297585	297585	297677	+	3	93	ATG	TGA	0	0
mORF+_297598	297598	297654	+	1	57	GTG	TAG	0	0
mORF+_297871	297871	297963	+	1	93	ATG	TAA	0	0
mORF+_297879	297879	297947	+	3	69	GTG	TGA	0	0
mORF+_297944	297944	298003	+	2	60	ATG	TGA	0	0
mORF+_298000	298000	298011	+	1	12	GTG	TAA	0	0
mORF+_298030	298030	298170	+	1	141	GTG	TGA	0	0
mORF+_298154	298154	298204	+	2	51	TTG	TAA	0	0
mORF+_298167	298167	298490	+	3	324	ATG	TAG	0	0
mORF+_298247	298247	298267	+	2	21	GTG	TAG	0	0
mORF+_298258	298258	298602	+	1	345	ATG	TAA	0	0
mORF+_298271	298271	298282	+	2	12	TTG	TGA	0	0
mORF+_298430	298430	298516	+	2	87	GTG	TAA	0	0
mORF+_298612	298612	298680	+	1	69	GTG	TGA	0	0
mORF+_298632	298632	298871	+	3	240	TTG	TAG	0	0
mORF+_298735	298735	298743	+	1	9	ATG	TAG	0	0
mORF+_298750	298750	298806	+	1	57	GTG	TGA	0	0
mORF+_298837	298837	298962	+	1	126	TTG	TGA	0	0
mORF+_298898	298898	298957	+	2	60	GTG	TAA	0	0
mORF+_299005	299005	299163	+	1	159	GTG	TGA	0	0
mORF+_299160	299160	299186	+	3	27	ATG	TAA	0	0
mORF+_299193	299193	299252	+	3	60	TTG	TGA	0	0
mORF+_299215	299215	299301	+	1	87	GTG	TGA	0	0
mORF+_299249	299249	299257	+	2	9	GTG	TAG	0	0
mORF+_299295	299295	299534	+	3	240	GTG	TGA	0	0
mORF+_299305	299305	299529	+	1	225	GTG	TGA	0	0
mORF+_299495	299495	299548	+	2	54	TTG	TAA	0	0
mORF+_299580	299580	299861	+	3	282	ATG	TAA	0	0
mORF+_299617	299617	299622	+	1	6	GTG	TAG	0	0
mORF+_299650	299650	299706	+	1	57	GTG	TGA	0	0
mORF+_299707	299707	299739	+	1	33	TTG	TAA	0	0
mORF+_299762	299762	299848	+	2	87	GTG	TAG	0	0
mORF+_299824	299824	299832	+	1	9	ATG	TGA	0	0
mORF+_299848	299848	300006	+	1	159	GTG	TAG	0	0
mORF+_299894	299894	299917	+	2	24	GTG	TAA	0	0
mORF+_299943	299943	300293	+	3	351	TTG	TGA	0	0
mORF+_300019	300019	300045	+	1	27	TTG	TAG	0	0
mORF+_300053	300053	300067	+	2	15	GTG	TAG	0	0
mORF+_300058	300058	300120	+	1	63	GTG	TGA	0	0
mORF+_300157	300157	300219	+	1	63	ATG	TAA	0	0
mORF+_300239	300239	300289	+	2	51	ATG	TAG	0	0

mORF+_300309	300309	300368	+	3	60	ATG	TGA	0	0	
mORF+_300323	300323	300460	+	2	138	ATG	TAA	0	0	
mORF+_300325	300325	300372	+	1	48	GTG	TAA	0	0	
mORF+_300451	300451	300477	+	1	27	GTG	TAA	0	0	
mORF+_300504	300504	300530	+	3	27	ATG	TGA	0	0	
mORF+_300506	300506	300805	+	2	300	GTG	TAA	0	0	
mORF+_300544	300544	300549	+	1	6	GTG	TGA	0	0	
mORF+_300546	300546	300674	+	3	129	GTG	TGA	0	0	
mORF+_300607	300607	300681	+	1	75	TTG	TAA	0	0	
mORF+_300723	300723	300734	+	3	12	TTG	TGA	0	0	
mORF+_300735	300735	300746	+	3	12	TTG	TAA	0	0	
mORF+_300762	300762	300797	+	3	36	GTG	TGA	0	0	
mORF+_300790	300790	300969	+	1	180	TTG	TAA	0	0	
mORF+_300869	300869	301252	+	2	384	GTG	TGA	0	0	
mORF+_300885	300885	301055	+	3	171	GTG	TGA	0	0	
mORF+_301036	301036	301062	+	1	27	TTG	TAA	0	0	
mORF+_301063	301063	301101	+	1	39	GTG	TAA	0	0	
mORF+_301110	301110	301157	+	3	48	ATG	TAG	0	0	
mORF+_301161	301161	301247	+	3	87	ATG	TGA	0	0	
mORF+_301249	301249	301281	+	1	33	GTG	TAG	0	0	
mORF+_301259	301259	301270	+	2	12	ATG	TGA	0	0	
mORF+_301293	301293	301346	+	3	54	ATG	TGA	0	0	
mORF+_301303	301303	301554	+	1	252	TTG	TAG	0	0	
mORF+_301313	301313	301321	+	2	9	GTG	TAG	0	0	
mORF+_301343	301343	301369	+	2	27	TTG	TGA	0	0	
mORF+_301397	301397	301420	+	2	24	ATG	TGA	0	0	
mORF+_301424	301424	301498	+	2	75	ATG	TGA	0	0	
mORF+_301511	301511	301669	+	2	159	TTG	TGA	0	0	
mORF+_301605	301605	301637	+	3	33	GTG	TAG	0	0	
mORF+_301650	301650	301664	+	3	15	TTG	TAG	0	0	
mORF+_301666	301666	301737	+	1	72	ATG	TAA	0	0	
mORF+_301695	301695	301712	+	3	18	TTG	TAA	0	0	
mORF+_301741	301741	301818	+	1	78	GTG	TAA	0	0	
mORF+_301790	301790	301852	+	2	63	TTG	TGA	0	0	
mORF+_301833	301833	301904	+	3	72	GTG	TAA	0	0	
mORF+_301846	301846	301863	+	1	18	GTG	TAA	0	0	
mORF+_301912	301912	301923	+	1	12	ATG	TGA	0	0	
mORF+_301920	301920	301988	+	3	69	ATG	TAG	0	0	
mORF+_301989	301989	302168	+	3	180	TTG	TGA	0	0	
mORF+_301996	301996	302070	+	1	75	ATG	TAA	0	0	
mORF+_302083	302083	302112	+	1	30	ATG	TAG	0	0	
mORF+_302102	302102	302212	+	2	111	TTG	TAG	0	0	
mORF+_302122	302122	302178	+	1	57	TTG	TGA	0	0	
mORF+_302215	302215	302829	+	1	615	ATG	TAA	6	25	pORF+_302215
mORF+_302225	302225	302281	+	2	57	TTG	TGA	0	0	
mORF+_302282	302282	302308	+	2	27	TTG	TGA	0	0	
mORF+_302310	302310	302321	+	3	12	GTG	TGA	0	0	
mORF+_302360	302360	302386	+	2	27	ATG	TAA	0	0	
mORF+_302367	302367	302408	+	3	42	GTG	TGA	0	0	
mORF+_302405	302405	302467	+	2	63	TTG	TGA	0	0	
mORF+_302409	302409	302420	+	3	12	TTG	TAA	0	0	
mORF+_302477	302477	302548	+	2	72	ATG	TAG	0	0	
mORF+_302552	302552	302629	+	2	78	TTG	TAG	0	0	
mORF+_302565	302565	302579	+	3	15	TTG	TGA	0	0	
mORF+_302639	302639	302650	+	2	12	TTG	TGA	0	0	
mORF+_302687	302687	302734	+	2	48	TTG	TAG	0	0	
mORF+_302697	302697	302705	+	3	9	GTG	TGA	0	0	
mORF+_302750	302750	302815	+	2	66	TTG	TAG	0	0	
mORF+_302829	302829	302837	+	3	9	ATG	TGA	0	0	
mORF+_302834	302834	302875	+	2	42	TTG	TAG	0	0	
mORF+_302838	302838	302903	+	3	66	ATG	TGA	0	0	
mORF+_302903	302903	303082	+	2	180	ATG	TAA	0	0	
mORF+_302916	302916	302948	+	3	33	GTG	TAG	0	0	

mORF_+_302977	302977	303021	+	1	45	TTG	TGA	0	0
mORF_+_303009	303009	303065	+	3	57	TTG	TAA	0	0
mORF_+_303069	303069	303251	+	3	183	TTG	TGA	0	0
mORF_+_303073	303073	303102	+	1	30	ATG	TAG	0	0
mORF_+_303106	303106	303129	+	1	24	TTG	TGA	0	0
mORF_+_303166	303166	303297	+	1	132	ATG	TGA	0	0
mORF_+_303252	303252	303275	+	3	24	TTG	TGA	0	0
mORF_+_303272	303272	303460	+	2	189	GTG	TAA	0	0
mORF_+_303294	303294	303344	+	3	51	GTG	TAA	0	0
mORF_+_303361	303361	303408	+	1	48	ATG	TAA	0	0
mORF_+_303384	303384	303425	+	3	42	ATG	TAA	0	0
mORF_+_303474	303474	303500	+	3	27	TTG	TGA	0	0
mORF_+_303497	303497	303511	+	2	15	GTG	TGA	0	0
mORF_+_303504	303504	303548	+	3	45	TTG	TGA	0	0
mORF_+_303508	303508	303552	+	1	45	ATG	TAA	0	0
mORF_+_303545	303545	303616	+	2	72	GTG	TGA	0	0
mORF_+_303586	303586	303666	+	1	81	GTG	TAA	0	0
mORF_+_303635	303635	303685	+	2	51	GTG	TGA	0	0
mORF_+_303687	303687	303722	+	3	36	GTG	TAG	0	0
mORF_+_303765	303765	303782	+	3	18	ATG	TAG	0	0
mORF_+_303791	303791	303811	+	2	21	GTG	TAA	0	0
mORF_+_303821	303821	303844	+	2	24	ATG	TAG	0	0
mORF_+_303907	303907	303960	+	1	54	ATG	TAA	0	0
mORF_+_303909	303909	303965	+	3	57	GTG	TGA	0	0
mORF_+_303973	303973	304023	+	1	51	GTG	TGA	0	0
mORF_+_303990	303990	304091	+	3	102	ATG	TAG	0	0
mORF_+_304036	304036	304134	+	1	99	TTG	TAA	0	0
mORF_+_304052	304052	304081	+	2	30	ATG	TGA	0	0
mORF_+_304118	304118	304405	+	2	288	ATG	TAA	0	0
mORF_+_304206	304206	304442	+	3	237	GTG	TGA	0	0
mORF_+_304264	304264	304299	+	1	36	GTG	TGA	0	0
mORF_+_304327	304327	304401	+	1	75	ATG	TAG	0	0
mORF_+_304405	304405	304425	+	1	21	ATG	TGA	0	0
mORF_+_304492	304492	304632	+	1	141	ATG	TAG	0	0
mORF_+_304505	304505	304522	+	2	18	TTG	TGA	0	0
mORF_+_304571	304571	304642	+	2	72	GTG	TAG	0	0
mORF_+_304648	304648	304722	+	1	75	TTG	TAG	0	0
mORF_+_304667	304667	304711	+	2	45	GTG	TGA	0	0
mORF_+_304759	304759	304809	+	1	51	TTG	TAG	0	0
mORF_+_304820	304820	304885	+	2	66	GTG	TAA	0	0
mORF_+_304891	304891	304974	+	1	84	ATG	TGA	0	0
mORF_+_304958	304958	304987	+	2	30	GTG	TGA	0	0
mORF_+_304984	304984	305064	+	1	81	TTG	TAG	0	0
mORF_+_305089	305089	305100	+	1	12	TTG	TAG	0	0
mORF_+_305113	305113	305253	+	1	141	TTG	TAG	0	0
mORF_+_305129	305129	305149	+	2	21	ATG	TGA	0	0
mORF_+_305211	305211	305219	+	3	9	ATG	TGA	0	0
mORF_+_305216	305216	305230	+	2	15	TTG	TGA	0	0
mORF_+_305237	305237	305257	+	2	21	TTG	TAA	0	0
mORF_+_305241	305241	305273	+	3	33	TTG	TAA	0	0
mORF_+_305290	305290	305445	+	1	156	ATG	TGA	0	0
mORF_+_305295	305295	305390	+	3	96	TTG	TAG	0	0
mORF_+_305393	305393	305413	+	2	21	TTG	TGA	0	0
mORF_+_305406	305406	305564	+	3	159	ATG	TGA	0	0
mORF_+_305456	305456	305503	+	2	48	GTG	TGA	0	0
mORF_+_305500	305500	305553	+	1	54	TTG	TAA	0	0
mORF_+_305510	305510	305515	+	2	6	TTG	TAA	0	0
mORF_+_305569	305569	305616	+	1	48	ATG	TAA	0	0
mORF_+_305574	305574	305705	+	3	132	GTG	TAA	0	0
mORF_+_305632	305632	305760	+	1	129	GTG	TAA	0	0
mORF_+_305711	305711	305890	+	2	180	ATG	TGA	0	0
mORF_+_305767	305767	305775	+	1	9	GTG	TAA	0	0
mORF_+_305785	305785	305790	+	1	6	ATG	TAG	0	0

mORF_+_305799	305799	305819	+	3	21	TTG	TGA	0	0
mORF_+_305809	305809	306078	+	1	270	ATG	TGA	0	0
mORF_+_305936	305936	305980	+	2	45	GTG	TGA	0	0
mORF_+_306075	306075	306131	+	3	57	ATG	TGA	0	0
mORF_+_306128	306128	306169	+	2	42	TTG	TAG	0	0
mORF_+_306182	306182	306361	+	2	180	GTG	TAG	0	0
mORF_+_306247	306247	306411	+	1	165	ATG	TGA	0	0
mORF_+_306261	306261	306269	+	3	9	GTG	TAG	0	0
mORF_+_306276	306276	306314	+	3	39	GTG	TAA	0	0
mORF_+_306377	306377	306400	+	2	24	TTG	TAA	0	0
mORF_+_306408	306408	306485	+	3	78	GTG	TAA	0	0
mORF_+_306416	306416	306451	+	2	36	TTG	TAG	0	0
mORF_+_306476	306476	306523	+	2	48	TTG	TGA	0	0
mORF_+_306542	306542	306646	+	2	105	GTG	TAG	0	0
mORF_+_306662	306662	306688	+	2	27	TTG	TAA	0	0
mORF_+_306700	306700	306762	+	1	63	TTG	TGA	0	0
mORF_+_306702	306702	306722	+	3	21	GTG	TGA	0	0
mORF_+_306728	306728	306835	+	2	108	TTG	TAG	0	0
mORF_+_306759	306759	306863	+	3	105	GTG	TAA	0	0
mORF_+_306841	306841	306882	+	1	42	TTG	TAG	0	0
mORF_+_306869	306869	306940	+	2	72	TTG	TAG	0	0
mORF_+_306876	306876	307052	+	3	177	GTG	TGA	0	0
mORF_+_306994	306994	307083	+	1	90	TTG	TGA	0	0
mORF_+_307010	307010	307015	+	2	6	GTG	TAA	0	0
mORF_+_307025	307025	307030	+	2	6	TTG	TAA	0	0
mORF_+_307043	307043	307048	+	2	6	TTG	TAG	0	0
mORF_+_307052	307052	307141	+	2	90	ATG	TGA	0	0
mORF_+_307059	307059	307094	+	3	36	ATG	TGA	0	0
mORF_+_307095	307095	307169	+	3	75	GTG	TAA	0	0
mORF_+_307138	307138	307197	+	1	60	TTG	TAG	0	0
mORF_+_307142	307142	307165	+	2	24	TTG	TGA	0	0
mORF_+_307199	307199	307315	+	2	117	GTG	TGA	0	0
mORF_+_307227	307227	307262	+	3	36	ATG	TAA	0	0
mORF_+_307252	307252	307362	+	1	111	TTG	TGA	0	0
mORF_+_307335	307335	307349	+	3	15	TTG	TAA	0	0
mORF_+_307359	307359	307400	+	3	42	ATG	TAG	0	0
mORF_+_307441	307441	307590	+	1	150	ATG	TAG	0	0
mORF_+_307473	307473	307502	+	3	30	GTG	TAA	0	0
mORF_+_307511	307511	307576	+	2	66	TTG	TAA	0	0
mORF_+_307609	307609	307641	+	1	33	ATG	TAG	0	0
mORF_+_307613	307613	307633	+	2	21	TTG	TGA	0	0
mORF_+_307658	307658	307765	+	2	108	GTG	TAA	0	0
mORF_+_307663	307663	307686	+	1	24	ATG	TAA	0	0
mORF_+_307781	307781	307846	+	2	66	ATG	TGA	0	0
mORF_+_307843	307843	307881	+	1	39	GTG	TAA	0	0
mORF_+_307894	307894	308091	+	1	198	TTG	TGA	0	0
mORF_+_307950	307950	307958	+	3	9	GTG	TAA	0	0
mORF_+_307983	307983	308051	+	3	69	ATG	TGA	0	0
mORF_+_307985	307985	308020	+	2	36	GTG	TAG	0	0
mORF_+_308054	308054	308344	+	2	291	GTG	TGA	0	0
mORF_+_308088	308088	308123	+	3	36	GTG	TGA	0	0
mORF_+_308143	308143	308301	+	1	159	TTG	TAG	0	0
mORF_+_308374	308374	308550	+	1	177	ATG	TAA	0	0
mORF_+_308396	308396	308407	+	2	12	ATG	TGA	0	0
mORF_+_308462	308462	308488	+	2	27	ATG	TGA	0	0
mORF_+_308504	308504	308998	+	2	495	ATG	TAG	0	0
mORF_+_308556	308556	308687	+	3	132	TTG	TAG	0	0
mORF_+_308617	308617	308658	+	1	42	GTG	TAA	0	0
mORF_+_308712	308712	308738	+	3	27	TTG	TAG	0	0
mORF_+_308770	308770	308901	+	1	132	TTG	TGA	0	0
mORF_+_308784	308784	308795	+	3	12	TTG	TGA	0	0
mORF_+_308832	308832	308909	+	3	78	ATG	TGA	0	0
mORF_+_308922	308922	308930	+	3	9	ATG	TAG	0	0

mORF+_309015	309015	309311	+	3	297	GTG	TAA	0	0
mORF+_309043	309043	309051	+	1	9	TTG	TAA	0	0
mORF+_309070	309070	309099	+	1	30	GTG	TGA	0	0
mORF+_309169	309169	309252	+	1	84	ATG	TAA	0	0
mORF+_309239	309239	309271	+	2	33	GTG	TAA	0	0
mORF+_309357	309357	309380	+	3	24	ATG	TAA	0	0
mORF+_309393	309393	309470	+	3	78	GTG	TAA	0	0
mORF+_309442	309442	309477	+	1	36	GTG	TAG	0	0
mORF+_309492	309492	309566	+	3	75	TTG	TAA	0	0
mORF+_309583	309583	309624	+	1	42	GTG	TGA	0	0
mORF+_309585	309585	309815	+	3	231	GTG	TGA	0	0
mORF+_309631	309631	309645	+	1	15	GTG	TAA	0	0
mORF+_309658	309658	309675	+	1	18	TTG	TAG	0	0
mORF+_309697	309697	309705	+	1	9	GTG	TAA	0	0
mORF+_309748	309748	309855	+	1	108	GTG	TAA	0	0
mORF+_309846	309846	309920	+	3	75	ATG	TGA	0	0
mORF+_309874	309874	309915	+	1	42	TTG	TGA	0	0
mORF+_309917	309917	309928	+	2	12	TTG	TGA	0	0
mORF+_309925	309925	309939	+	1	15	GTG	TGA	0	0
mORF+_309936	309936	310076	+	3	141	GTG	TAG	0	0
mORF+_309959	309959	309976	+	2	18	TTG	TGA	0	0
mORF+_310004	310004	310177	+	2	174	TTG	TAG	0	0
mORF+_310024	310024	310260	+	1	237	ATG	TAA	0	0
mORF+_310232	310232	310243	+	2	12	TTG	TAA	0	0
mORF+_310254	310254	310340	+	3	87	TTG	TAA	0	0
mORF+_310367	310367	310411	+	2	45	TTG	TAA	0	0
mORF+_310468	310468	310578	+	1	111	ATG	TAA	0	0
mORF+_310481	310481	310504	+	2	24	ATG	TGA	0	0
mORF+_310554	310554	310646	+	3	93	ATG	TAA	0	0
mORF+_310588	310588	310620	+	1	33	GTG	TAA	0	0
mORF+_310680	310680	310712	+	3	33	TTG	TGA	0	0
mORF+_310694	310694	310726	+	2	33	ATG	TGA	0	0
mORF+_310713	310713	310817	+	3	105	GTG	TAA	0	0
mORF+_310723	310723	310788	+	1	66	GTG	TGA	0	0
mORF+_310823	310823	310834	+	2	12	TTG	TAA	0	0
mORF+_310849	310849	310890	+	1	42	TTG	TAG	0	0
mORF+_310874	310874	310882	+	2	9	TTG	TGA	0	0
mORF+_310884	310884	310922	+	3	39	GTG	TAG	0	0
mORF+_310909	310909	310914	+	1	6	GTG	TGA	0	0
mORF+_310965	310965	310982	+	3	18	ATG	TGA	0	0
mORF+_310979	310979	311125	+	2	147	TTG	TAA	0	0
mORF+_310990	310990	311013	+	1	24	TTG	TAA	0	0
mORF+_311013	311013	311021	+	3	9	ATG	TAA	0	0
mORF+_311023	311023	311064	+	1	42	ATG	TAA	0	0
mORF+_311064	311064	311075	+	3	12	ATG	TGA	0	0
mORF+_311126	311126	311215	+	2	90	GTG	TAA	0	0
mORF+_311164	311164	311274	+	1	111	ATG	TAA	0	0
mORF+_311283	311283	311321	+	3	39	ATG	TAA	0	0
mORF+_311326	311326	311367	+	1	42	TTG	TGA	0	0
mORF+_311330	311330	311563	+	2	234	GTG	TAA	0	0
mORF+_311368	311368	311385	+	1	18	GTG	TAA	0	0
mORF+_311373	311373	311396	+	3	24	GTG	TGA	0	0
mORF+_311484	311484	311531	+	3	48	ATG	TAA	0	0
mORF+_311593	311593	311622	+	1	30	TTG	TGA	0	0
mORF+_311636	311636	311644	+	2	9	GTG	TAG	0	0
mORF+_311697	311697	311834	+	3	138	ATG	TAG	0	0
mORF+_311708	311708	311728	+	2	21	TTG	TAA	0	0
mORF+_311777	311777	311806	+	2	30	TTG	TGA	0	0
mORF+_311788	311788	311850	+	1	63	GTG	TAG	0	0
mORF+_311840	311840	312079	+	2	240	GTG	TGA	0	0
mORF+_311863	311863	311916	+	1	54	TTG	TGA	0	0
mORF+_311913	311913	312029	+	3	117	TTG	TAA	0	0
mORF+_312016	312016	312024	+	1	9	ATG	TAA	0	0

mORF_+_312042	312042	312128	+	3	87	ATG	TAG	0	0	
mORF_+_312076	312076	312141	+	1	66	GTG	TGA	0	0	
mORF_+_312086	312086	312172	+	2	87	GTG	TGA	0	0	
mORF_+_312135	312135	312152	+	3	18	TTG	TAA	0	0	
mORF_+_312165	312165	312257	+	3	93	GTG	TGA	0	0	
mORF_+_312169	312169	312294	+	1	126	TTG	TAA	0	0	
mORF_+_312254	312254	312265	+	2	12	TTG	TGA	0	0	
mORF_+_312270	312270	312332	+	3	63	GTG	TAA	0	0	
mORF_+_312320	312320	312385	+	2	66	ATG	TAA	0	0	
mORF_+_312403	312403	312426	+	1	24	TTG	TAA	0	0	
mORF_+_312434	312434	312547	+	2	114	ATG	TGA	0	0	
mORF_+_312466	312466	312504	+	1	39	TTG	TAA	0	0	
mORF_+_312492	312492	312518	+	3	27	GTG	TAA	0	0	
mORF_+_312505	312505	312522	+	1	18	GTG	TAA	0	0	
mORF_+_312528	312528	312569	+	3	42	TTG	TAG	0	0	
mORF_+_312544	312544	312678	+	1	135	TTG	TGA	0	0	
mORF_+_312570	312570	312611	+	3	42	ATG	TGA	0	0	
mORF_+_312608	312608	312625	+	2	18	TTG	TGA	0	0	
mORF_+_312615	312615	312773	+	3	159	ATG	TGA	0	0	
mORF_+_312679	312679	312756	+	1	78	TTG	TGA	0	0	
mORF_+_312770	312770	312862	+	2	93	TTG	TAA	0	0	
mORF_+_312843	312843	312854	+	3	12	GTG	TGA	0	0	
mORF_+_312877	312877	312882	+	1	6	TTG	TGA	0	0	
mORF_+_312879	312879	312932	+	3	54	GTG	TAA	0	0	
mORF_+_312901	312901	312909	+	1	9	TTG	TGA	0	0	
mORF_+_312975	312975	313058	+	3	84	ATG	TAA	0	0	
mORF_+_312985	312985	312996	+	1	12	TTG	TAG	0	0	
mORF_+_313007	313007	313021	+	2	15	ATG	TGA	0	0	
mORF_+_313018	313018	313044	+	1	27	ATG	TGA	0	0	
mORF_+_313087	313087	313125	+	1	39	TTG	TGA	0	0	
mORF_+_313122	313122	313178	+	3	57	TTG	TGA	0	0	
mORF_+_313126	313126	313188	+	1	63	GTG	TGA	0	0	
mORF_+_313175	313175	313198	+	2	24	ATG	TAA	0	0	
mORF_+_313185	313185	313262	+	3	78	ATG	TAA	0	0	
mORF_+_313207	313207	313332	+	1	126	TTG	TAG	0	0	
mORF_+_313292	313292	313318	+	2	27	GTG	TAA	0	0	
mORF_+_313344	313344	313364	+	3	21	ATG	TAA	0	0	
mORF_+_313349	313349	313378	+	2	30	TTG	TAA	0	0	
mORF_+_313410	313410	313439	+	3	30	ATG	TAG	0	0	
mORF_+_313414	313414	313707	+	1	294	GTG	TAA	0	0	
mORF_+_313440	313440	313463	+	3	24	GTG	TAA	0	0	
mORF_+_313536	313536	313556	+	3	21	GTG	TAA	0	0	
mORF_+_313581	313581	314468	+	3	888	ATG	TAG	0	0	
mORF_+_313649	313649	313774	+	2	126	GTG	TGA	0	0	
mORF_+_313717	313717	313746	+	1	30	GTG	TGA	0	0	
mORF_+_313792	313792	313830	+	1	39	ATG	TAA	0	0	
mORF_+_313849	313849	313947	+	1	99	ATG	TGA	0	0	
mORF_+_313910	313910	313957	+	2	48	GTG	TAA	0	0	
mORF_+_313948	313948	313971	+	1	24	ATG	TGA	0	0	
mORF_+_314005	314005	314127	+	1	123	ATG	TGA	0	0	
mORF_+_314143	314143	314205	+	1	63	ATG	TGA	0	0	
mORF_+_314218	314218	314349	+	1	132	ATG	TGA	0	0	
mORF_+_314353	314353	314436	+	1	84	ATG	TGA	0	0	
mORF_+_314468	314468	314491	+	2	24	GTG	TAA	0	0	
mORF_+_314484	314484	314540	+	3	57	GTG	TAA	0	0	
mORF_+_314506	314506	314814	+	1	309	GTG	TGA	10	35	pORF_+_314506
mORF_+_314576	314576	314587	+	2	12	GTG	TGA	0	0	
mORF_+_314591	314591	314809	+	2	219	TTG	TGA	0	0	
mORF_+_314811	314811	315677	+	3	867	ATG	TAG	5	10	pORF_+_314811
mORF_+_314818	314818	314928	+	1	111	ATG	TAA	0	0	
mORF_+_314864	314864	315025	+	2	162	GTG	TGA	0	0	
mORF_+_314965	314965	315018	+	1	54	TTG	TGA	0	0	
mORF_+_315022	315022	315057	+	1	36	ATG	TAA	0	0	

mORF+_315187	315187	315315	+	1	129	GTG	TGA	0	0
mORF+_315203	315203	315238	+	2	36	GTG	TGA	0	0
mORF+_315272	315272	315364	+	2	93	GTG	TAA	0	0
mORF+_315334	315334	315438	+	1	105	ATG	TGA	0	0
mORF+_315454	315454	315465	+	1	12	GTG	TGA	0	0
mORF+_315476	315476	315490	+	2	15	TTG	TAA	0	0
mORF+_315490	315490	315522	+	1	33	ATG	TGA	0	0
mORF+_315530	315530	315586	+	2	57	ATG	TAA	0	0
mORF+_315538	315538	315567	+	1	30	ATG	TAA	0	0
mORF+_315596	315596	315601	+	2	6	ATG	TGA	0	0
mORF+_315598	315598	315702	+	1	105	GTG	TAG	0	0
mORF+_315611	315611	315658	+	2	48	GTG	TGA	0	0
mORF+_315695	315695	315808	+	2	114	GTG	TGA	0	0
mORF+_315724	315724	315786	+	1	63	TTG	TGA	0	0
mORF+_315741	315741	315833	+	3	93	ATG	TAG	0	0
mORF+_315802	315802	315846	+	1	45	TTG	TAA	0	0
mORF+_315869	315869	315883	+	2	15	ATG	TAG	0	0
mORF+_315885	315885	315998	+	3	114	TTG	TGA	0	0
mORF+_315901	315901	315933	+	1	33	GTG	TAA	0	0
mORF+_315934	315934	315951	+	1	18	ATG	TAG	0	0
mORF+_315952	315952	315969	+	1	18	GTG	TGA	0	0
mORF+_315989	315989	316006	+	2	18	TTG	TAA	0	0
mORF+_316024	316024	316086	+	1	63	TTG	TAA	0	0
mORF+_316046	316046	316078	+	2	33	GTG	TAA	0	0
mORF+_316099	316099	316146	+	1	48	ATG	TAG	0	0
mORF+_316118	316118	316294	+	2	177	ATG	TGA	0	0
mORF+_316155	316155	316265	+	3	111	GTG	TAG	0	0
mORF+_316276	316276	316299	+	1	24	GTG	TAG	0	0
mORF+_316301	316301	316342	+	2	42	GTG	TAG	0	0
mORF+_316311	316311	316418	+	3	108	TTG	TAA	0	0
mORF+_316419	316419	316433	+	3	15	GTG	TAG	0	0
mORF+_316472	316472	316528	+	2	57	TTG	TAA	0	0
mORF+_316512	316512	316532	+	3	21	ATG	TGA	0	0
mORF+_316529	316529	316570	+	2	42	GTG	TAA	0	0
mORF+_316554	316554	316682	+	3	129	TTG	TAA	0	0
mORF+_316594	316594	316626	+	1	33	ATG	TAG	0	0
mORF+_316687	316687	316791	+	1	105	ATG	TGA	0	0
mORF+_316706	316706	316735	+	2	30	TTG	TAA	0	0
mORF+_316754	316754	316777	+	2	24	TTG	TAA	0	0
mORF+_316764	316764	316787	+	3	24	TTG	TGA	0	0
mORF+_316784	316784	316843	+	2	60	ATG	TGA	0	0
mORF+_316788	316788	316814	+	3	27	TTG	TAA	0	0
mORF+_316840	316840	316875	+	1	36	GTG	TAA	0	0
mORF+_316877	316877	316912	+	2	36	ATG	TGA	0	0
mORF+_316924	316924	317091	+	1	168	GTG	TAA	0	0
mORF+_316938	316938	316967	+	3	30	GTG	TAA	0	0
mORF+_316970	316970	316999	+	2	30	TTG	TAA	0	0
mORF+_316992	316992	317087	+	3	96	TTG	TAA	0	0
mORF+_317100	317100	317150	+	3	51	ATG	TAA	0	0
mORF+_317117	317117	317146	+	2	30	ATG	TGA	0	0
mORF+_317140	317140	317286	+	1	147	GTG	TAG	0	0
mORF+_317153	317153	317179	+	2	27	ATG	TAA	0	0
mORF+_317180	317180	317218	+	2	39	ATG	TGA	0	0
mORF+_317293	317293	317340	+	1	48	TTG	TGA	0	0
mORF+_317301	317301	317390	+	3	90	TTG	TAG	0	0
mORF+_317306	317306	317416	+	2	111	ATG	TAA	0	0
mORF+_317416	317416	317433	+	1	18	ATG	TAA	0	0
mORF+_317471	317471	317548	+	2	78	TTG	TGA	0	0
mORF+_317526	317526	317795	+	3	270	GTG	TAA	0	0
mORF+_317545	317545	317610	+	1	66	GTG	TGA	0	0
mORF+_317620	317620	317700	+	1	81	ATG	TGA	0	0
mORF+_317702	317702	317758	+	2	57	ATG	TAA	0	0
mORF+_317740	317740	317748	+	1	9	ATG	TAA	0	0

mORF_+_317761	317761	317787	+	1	27	GTG	TAA	0	0
mORF_+_317806	317806	317814	+	1	9	ATG	TGA	0	0
mORF_+_317811	317811	317828	+	3	18	GTG	TAG	0	0
mORF_+_317876	317876	317911	+	2	36	TTG	TAA	0	0
mORF_+_317904	317904	317951	+	3	48	TTG	TGA	0	0
mORF_+_317911	317911	317928	+	1	18	ATG	TGA	0	0
mORF_+_317929	317929	317955	+	1	27	GTG	TAA	0	0
mORF_+_317948	317948	317971	+	2	24	ATG	TAA	0	0
mORF_+_317973	317973	317981	+	3	9	ATG	TAA	0	0
mORF_+_318015	318015	318161	+	3	147	TTG	TGA	0	0
mORF_+_318026	318026	318049	+	2	24	GTG	TGA	0	0
mORF_+_318046	318046	318228	+	1	183	GTG	TAA	0	0
mORF_+_318065	318065	318094	+	2	30	TTG	TAA	0	0
mORF_+_318185	318185	318286	+	2	102	TTG	TAA	0	0
mORF_+_318270	318270	318308	+	3	39	TTG	TAA	0	0
mORF_+_318316	318316	318330	+	1	15	GTG	TAA	0	0
mORF_+_318321	318321	318326	+	3	6	ATG	TAA	0	0
mORF_+_318332	318332	318388	+	2	57	TTG	TAA	0	0
mORF_+_318369	318369	318470	+	3	102	TTG	TGA	0	0
mORF_+_318406	318406	318462	+	1	57	TTG	TAG	0	0
mORF_+_318446	318446	318451	+	2	6	ATG	TAA	0	0
mORF_+_318467	318467	318487	+	2	21	TTG	TAA	0	0
mORF_+_318490	318490	318552	+	1	63	GTG	TGA	0	0
mORF_+_318506	318506	318601	+	2	96	TTG	TAA	0	0
mORF_+_318570	318570	318593	+	3	24	TTG	TGA	0	0
mORF_+_318669	318669	318872	+	3	204	ATG	TGA	0	0
mORF_+_318746	318746	318766	+	2	21	ATG	TAG	0	0
mORF_+_318820	318820	318852	+	1	33	TTG	TAA	0	0
mORF_+_318836	318836	318994	+	2	159	TTG	TAA	0	0
mORF_+_318918	318918	318977	+	3	60	TTG	TGA	0	0
mORF_+_319023	319023	319061	+	3	39	ATG	TGA	0	0
mORF_+_319043	319043	319123	+	2	81	GTG	TGA	0	0
mORF_+_319051	319051	319095	+	1	45	GTG	TAA	0	0
mORF_+_319071	319071	319214	+	3	144	TTG	TGA	0	0
mORF_+_319114	319114	319134	+	1	21	TTG	TGA	0	0
mORF_+_319124	319124	319174	+	2	51	TTG	TAA	0	0
mORF_+_319156	319156	319167	+	1	12	TTG	TGA	0	0
mORF_+_319174	319174	319203	+	1	30	ATG	TAA	0	0
mORF_+_319224	319224	319256	+	3	33	ATG	TGA	0	0
mORF_+_319253	319253	319264	+	2	12	TTG	TGA	0	0
mORF_+_319261	319261	319308	+	1	48	ATG	TGA	0	0
mORF_+_319305	319305	319328	+	3	24	TTG	TGA	0	0
mORF_+_319313	319313	319345	+	2	33	TTG	TAA	0	0
mORF_+_319368	319368	319397	+	3	30	ATG	TAG	0	0
mORF_+_319411	319411	319449	+	1	39	TTG	TGA	0	0
mORF_+_319421	319421	319426	+	2	6	TTG	TAA	0	0
mORF_+_319451	319451	320305	+	2	855	ATG	TGA	0	0
mORF_+_319455	319455	319475	+	3	21	ATG	TGA	0	0
mORF_+_319510	319510	319527	+	1	18	TTG	TGA	0	0
mORF_+_319524	319524	319583	+	3	60	GTG	TAA	0	0
mORF_+_319570	319570	319695	+	1	126	TTG	TAA	0	0
mORF_+_319644	319644	319682	+	3	39	ATG	TGA	0	0
mORF_+_319686	319686	319757	+	3	72	ATG	TAA	0	0
mORF_+_319875	319875	319997	+	3	123	ATG	TAA	0	0
mORF_+_319882	319882	319887	+	1	6	GTG	TAG	0	0
mORF_+_319927	319927	319944	+	1	18	GTG	TAA	0	0
mORF_+_320079	320079	320129	+	3	51	TTG	TAA	0	0
mORF_+_320184	320184	320192	+	3	9	TTG	TGA	0	0
mORF_+_320211	320211	320309	+	3	99	ATG	TAA	0	0
mORF_+_320257	320257	320439	+	1	183	TTG	TAA	0	0
mORF_+_320352	320352	320357	+	3	6	TTG	TGA	0	0
mORF_+_320354	320354	320413	+	2	60	GTG	TGA	0	0
mORF_+_320385	320385	320423	+	3	39	GTG	TAG	0	0

mORF_+_320442	320442	320489	+	3	48	ATG	TGA	0	0	
mORF_+_320486	320486	320509	+	2	24	TTG	TGA	0	0	
mORF_+_320493	320493	320543	+	3	51	GTG	TAA	0	0	
mORF_+_320500	320500	320550	+	1	51	TTG	TGA	0	0	
mORF_+_320528	320528	320554	+	2	27	GTG	TAA	0	0	
mORF_+_320578	320578	320583	+	1	6	ATG	TAG	0	0	
mORF_+_320594	320594	320617	+	2	24	ATG	TGA	0	0	
mORF_+_320605	320605	320661	+	1	57	ATG	TAA	0	0	
mORF_+_320637	320637	320642	+	3	6	ATG	TGA	0	0	
mORF_+_320639	320639	320680	+	2	42	GTG	TGA	0	0	
mORF_+_320646	320646	320717	+	3	72	ATG	TGA	0	0	
mORF_+_320671	320671	320691	+	1	21	TTG	TGA	0	0	
mORF_+_320684	320684	320743	+	2	60	TTG	TAA	0	0	
mORF_+_320721	320721	320735	+	3	15	GTG	TAG	0	0	
mORF_+_320762	320762	320803	+	2	42	TTG	TAA	0	0	
mORF_+_320769	320769	320813	+	3	45	TTG	TGA	0	0	
mORF_+_320804	320804	320818	+	2	15	ATG	TAA	0	0	
mORF_+_320818	320818	320829	+	1	12	ATG	TAG	0	0	
mORF_+_320830	320830	320835	+	1	6	TTG	TGA	0	0	
mORF_+_320832	320832	321551	+	3	720	GTG	TGA	4	19	pORF_+_320832
mORF_+_320836	320836	320874	+	1	39	ATG	TGA	0	0	
mORF_+_320951	320951	320977	+	2	27	ATG	TAG	0	0	
mORF_+_321068	321068	321112	+	2	45	TTG	TGA	0	0	
mORF_+_321076	321076	321084	+	1	9	ATG	TAA	0	0	
mORF_+_321109	321109	321189	+	1	81	ATG	TAG	0	0	
mORF_+_321119	321119	321181	+	2	63	ATG	TAA	0	0	
mORF_+_321199	321199	321204	+	1	6	ATG	TAG	0	0	
mORF_+_321205	321205	321270	+	1	66	GTG	TGA	0	0	
mORF_+_321242	321242	321247	+	2	6	TTG	TAG	0	0	
mORF_+_321298	321298	321321	+	1	24	ATG	TGA	0	0	
mORF_+_321325	321325	321402	+	1	78	TTG	TGA	0	0	
mORF_+_321412	321412	321423	+	1	12	TTG	TGA	0	0	
mORF_+_321448	321448	321462	+	1	15	TTG	TGA	0	0	
mORF_+_321464	321464	321532	+	2	69	TTG	TGA	0	0	
mORF_+_321481	321481	321519	+	1	39	GTG	TGA	0	0	
mORF_+_321526	321526	321540	+	1	15	TTG	TGA	0	0	
mORF_+_321562	321562	322989	+	1	1428	ATG	TAA	1	5	pORF_+_321562
mORF_+_321614	321614	321751	+	2	138	TTG	TGA	0	0	
mORF_+_321711	321711	321740	+	3	30	GTG	TGA	0	0	
mORF_+_321818	321818	321892	+	2	75	TTG	TGA	0	0	
mORF_+_321920	321920	321961	+	2	42	TTG	TGA	0	0	
mORF_+_321962	321962	322114	+	2	153	TTG	TGA	0	0	
mORF_+_322154	322154	322165	+	2	12	GTG	TAG	0	0	
mORF_+_322209	322209	322226	+	3	18	ATG	TGA	0	0	
mORF_+_322223	322223	322276	+	2	54	ATG	TGA	0	0	
mORF_+_322242	322242	322259	+	3	18	GTG	TAA	0	0	
mORF_+_322292	322292	322315	+	2	24	TTG	TAG	0	0	
mORF_+_322316	322316	322324	+	2	9	ATG	TGA	0	0	
mORF_+_322343	322343	322363	+	2	21	GTG	TGA	0	0	
mORF_+_322409	322409	322519	+	2	111	TTG	TGA	0	0	
mORF_+_322512	322512	322619	+	3	108	TTG	TAA	0	0	
mORF_+_322544	322544	322594	+	2	51	TTG	TGA	0	0	
mORF_+_322607	322607	322705	+	2	99	TTG	TGA	0	0	
mORF_+_322653	322653	322667	+	3	15	ATG	TGA	0	0	
mORF_+_322674	322674	322733	+	3	60	GTG	TGA	0	0	
mORF_+_322784	322784	322822	+	2	39	ATG	TGA	0	0	
mORF_+_322806	322806	322892	+	3	87	GTG	TAG	0	0	
mORF_+_322829	322829	323677	+	2	849	GTG	TGA	2	4	pORF_+_322829
mORF_+_322947	322947	322955	+	3	9	TTG	TAA	0	0	
mORF_+_323013	323013	323159	+	3	147	TTG	TGA	0	0	
mORF_+_323166	323166	323174	+	3	9	GTG	TGA	0	0	
mORF_+_323212	323212	323217	+	1	6	GTG	TAA	0	0	
mORF_+_323250	323250	323396	+	3	147	GTG	TAA	0	0	

mORF_+_323299	323299	323364	+	1	66	ATG	TAA	0	0
mORF_+_323505	323505	323510	+	3	6	GTG	TAG	0	0
mORF_+_323550	323550	323645	+	3	96	GTG	TGA	0	0
mORF_+_323664	323664	323726	+	3	63	TTG	TGA	0	0
mORF_+_323671	323671	323688	+	1	18	TTG	TGA	0	0
mORF_+_323723	323723	323749	+	2	27	TTG	TGA	0	0
mORF_+_323767	323767	323850	+	1	84	ATG	TGA	0	0
mORF_+_323807	323807	323827	+	2	21	ATG	TGA	0	0
mORF_+_323873	323873	324127	+	2	255	TTG	TAA	0	0
mORF_+_323910	323910	323963	+	3	54	ATG	TGA	0	0
mORF_+_323935	323935	323997	+	1	63	TTG	TAG	0	0
mORF_+_324051	324051	324062	+	3	12	GTG	TAG	0	0
mORF_+_324090	324090	324140	+	3	51	ATG	TAA	0	0
mORF_+_324141	324141	324209	+	3	69	TTG	TGA	0	0
mORF_+_324154	324154	324195	+	1	42	TTG	TGA	0	0
mORF_+_324206	324206	324319	+	2	114	TTG	TGA	0	0
mORF_+_324249	324249	324302	+	3	54	TTG	TGA	0	0
mORF_+_324316	324316	324432	+	1	117	GTG	TAG	0	0
mORF_+_324324	324324	324329	+	3	6	ATG	TAG	0	0
mORF_+_324357	324357	324362	+	3	6	TTG	TAG	0	0
mORF_+_324383	324383	324439	+	2	57	TTG	TAA	0	0
mORF_+_324414	324414	324464	+	3	51	TTG	TGA	0	0
mORF_+_324452	324452	324541	+	2	90	TTG	TAA	0	0
mORF_+_324572	324572	324622	+	2	51	TTG	TAA	0	0
mORF_+_324577	324577	324606	+	1	30	TTG	TAA	0	0
mORF_+_324625	324625	324633	+	1	9	TTG	TAA	0	0
mORF_+_324649	324649	324687	+	1	39	ATG	TGA	0	0
mORF_+_324684	324684	324707	+	3	24	ATG	TGA	0	0
mORF_+_324697	324697	324759	+	1	63	ATG	TAA	0	0
mORF_+_324704	324704	324730	+	2	27	ATG	TAA	0	0
mORF_+_324830	324830	324910	+	2	81	TTG	TAA	0	0
mORF_+_324850	324850	325029	+	1	180	GTG	TAA	0	0
mORF_+_324911	324911	324937	+	2	27	TTG	TGA	0	0
mORF_+_324987	324987	325310	+	3	324	GTG	TGA	0	0
mORF_+_325036	325036	325149	+	1	114	TTG	TGA	0	0
mORF_+_325168	325168	325233	+	1	66	ATG	TAG	0	0
mORF_+_325190	325190	325237	+	2	48	TTG	TAA	0	0
mORF_+_325295	325295	325366	+	2	72	TTG	TAA	0	0
mORF_+_325317	325317	325607	+	3	291	GTG	TAA	0	0
mORF_+_325450	325450	325530	+	1	81	TTG	TAG	0	0
mORF_+_325546	325546	325578	+	1	33	TTG	TGA	0	0
mORF_+_325611	325611	325685	+	3	75	ATG	TGA	0	0
mORF_+_325651	325651	325803	+	1	153	TTG	TGA	0	0
mORF_+_325682	325682	325798	+	2	117	GTG	TGA	0	0
mORF_+_325800	325800	326309	+	3	510	GTG	TAG	0	0
mORF_+_325825	325825	325854	+	1	30	ATG	TGA	0	0
mORF_+_325873	325873	325935	+	1	63	GTG	TGA	0	0
mORF_+_325942	325942	325965	+	1	24	TTG	TAG	0	0
mORF_+_326008	326008	326058	+	1	51	TTG	TGA	0	0
mORF_+_326092	326092	326100	+	1	9	TTG	TAG	0	0
mORF_+_326173	326173	326187	+	1	15	TTG	TAG	0	0
mORF_+_326191	326191	326283	+	1	93	ATG	TAG	0	0
mORF_+_326290	326290	326295	+	1	6	TTG	TAG	0	0
mORF_+_326315	326315	326419	+	2	105	ATG	TAG	0	0
mORF_+_326338	326338	326358	+	1	21	GTG	TAG	0	0
mORF_+_326428	326428	326460	+	1	33	TTG	TAG	0	0
mORF_+_326466	326466	326507	+	3	42	TTG	TAG	0	0
mORF_+_326492	326492	326542	+	2	51	ATG	TAA	0	0
mORF_+_326576	326576	326593	+	2	18	ATG	TAG	0	0
mORF_+_326584	326584	327189	+	1	606	GTG	TGA	0	0
mORF_+_326630	326630	326662	+	2	33	GTG	TGA	0	0
mORF_+_326666	326666	326722	+	2	57	ATG	TAG	0	0
mORF_+_326744	326744	326767	+	2	24	ATG	TAG	0	0

mORF+_326774	326774	326941	+	2	168	ATG	TAG	0	0	
mORF+_326847	326847	326972	+	3	126	GTG	TGA	0	0	
mORF+_327020	327020	327109	+	2	90	ATG	TGA	0	0	
mORF+_327054	327054	327119	+	3	66	ATG	TGA	0	0	
mORF+_327126	327126	327242	+	3	117	TTG	TAG	0	0	
mORF+_327134	327134	327385	+	2	252	ATG	TAA	0	0	
mORF+_327279	327279	327353	+	3	75	ATG	TAA	0	0	
mORF+_327301	327301	327402	+	1	102	ATG	TAA	0	0	
mORF+_327431	327431	327499	+	2	69	TTG	TAG	0	0	
mORF+_327441	327441	327638	+	3	198	TTG	TAA	1	2	pORF+_327441
mORF+_327651	327651	327878	+	3	228	TTG	TAA	0	0	
mORF+_327677	327677	327916	+	2	240	GTG	TAA	0	0	
mORF+_327787	327787	327996	+	1	210	TTG	TGA	0	0	
mORF+_327978	327978	327992	+	3	15	GTG	TGA	0	0	
mORF+_327986	327986	328069	+	2	84	ATG	TAA	0	0	
mORF+_327993	327993	328097	+	3	105	GTG	TAG	0	0	
mORF+_328108	328108	328176	+	1	69	GTG	TGA	0	0	
mORF+_328205	328205	328297	+	2	93	ATG	TAA	0	0	
mORF+_328324	328324	328368	+	1	45	GTG	TGA	0	0	
mORF+_328328	328328	328333	+	2	6	ATG	TAA	0	0	
mORF+_328365	328365	328415	+	3	51	GTG	TAG	0	0	
mORF+_328381	328381	328410	+	1	30	TTG	TGA	0	0	
mORF+_328415	328415	328690	+	2	276	GTG	TGA	0	0	
mORF+_328422	328422	328625	+	3	204	ATG	TAA	0	0	
mORF+_328468	328468	328596	+	1	129	TTG	TAA	0	0	
mORF+_328609	328609	328662	+	1	54	TTG	TAG	0	0	
mORF+_328629	328629	328637	+	3	9	GTG	TAA	0	0	
mORF+_328638	328638	328652	+	3	15	TTG	TGA	0	0	
mORF+_328674	328674	328841	+	3	168	GTG	TAA	0	0	
mORF+_328687	328687	330720	+	1	2034	ATG	TGA	0	0	
mORF+_328814	328814	328927	+	2	114	TTG	TGA	0	0	
mORF+_328851	328851	329084	+	3	234	TTG	TGA	0	0	
mORF+_328988	328988	329014	+	2	27	TTG	TGA	0	0	
mORF+_329081	329081	329131	+	2	51	TTG	TAA	0	0	
mORF+_329147	329147	329155	+	2	9	ATG	TGA	0	0	
mORF+_329273	329273	329284	+	2	12	TTG	TGA	0	0	
mORF+_329303	329303	329350	+	2	48	TTG	TGA	0	0	
mORF+_329360	329360	329398	+	2	39	TTG	TGA	0	0	
mORF+_329441	329441	329500	+	2	60	GTG	TGA	0	0	
mORF+_329543	329543	329557	+	2	15	ATG	TGA	0	0	
mORF+_329558	329558	329575	+	2	18	ATG	TGA	0	0	
mORF+_329606	329606	329635	+	2	30	TTG	TGA	0	0	
mORF+_329628	329628	329639	+	3	12	GTG	TAA	0	0	
mORF+_329661	329661	329801	+	3	141	ATG	TAG	0	0	
mORF+_329684	329684	329752	+	2	69	TTG	TGA	0	0	
mORF+_329810	329810	329953	+	2	144	ATG	TGA	0	0	
mORF+_330059	330059	330070	+	2	12	TTG	TGA	0	0	
mORF+_330146	330146	330151	+	2	6	TTG	TGA	0	0	
mORF+_330206	330206	330262	+	2	57	GTG	TGA	0	0	
mORF+_330476	330476	330577	+	2	102	TTG	TAG	0	0	
mORF+_330489	330489	330542	+	3	54	TTG	TAA	0	0	
mORF+_330638	330638	330703	+	2	66	TTG	TGA	0	0	
mORF+_330717	330717	330734	+	3	18	GTG	TAA	0	0	
mORF+_330721	330721	330801	+	1	81	TTG	TAA	0	0	
mORF+_330744	330744	330779	+	3	36	ATG	TGA	0	0	
mORF+_330776	330776	330919	+	2	144	TTG	TAA	0	0	
mORF+_330816	330816	330947	+	3	132	TTG	TGA	0	0	
mORF+_330859	330859	330903	+	1	45	TTG	TAA	0	0	
mORF+_330919	330919	330924	+	1	6	ATG	TAA	0	0	
mORF+_330928	330928	330942	+	1	15	TTG	TGA	0	0	
mORF+_330944	330944	330961	+	2	18	ATG	TGA	0	0	
mORF+_330958	330958	331044	+	1	87	ATG	TGA	0	0	
mORF+_330965	330965	331012	+	2	48	ATG	TAA	0	0	

mORF+_331002	331002	331019	+	3	18	TTG	TAA	0	0	
mORF+_331026	331026	331100	+	3	75	GTG	TGA	0	0	
mORF+_331028	331028	331033	+	2	6	GTG	TGA	0	0	
mORF+_331045	331045	331053	+	1	9	ATG	TAA	0	0	
mORF+_331057	331057	331080	+	1	24	TTG	TAA	0	0	
mORF+_331094	331094	331144	+	2	51	TTG	TAG	0	0	
mORF+_331101	331101	331193	+	3	93	ATG	TGA	0	0	
mORF+_331120	331120	331131	+	1	12	GTG	TAA	0	0	
mORF+_331184	331184	331216	+	2	33	ATG	TGA	0	0	
mORF+_331194	331194	331250	+	3	57	ATG	TAA	0	0	
mORF+_331207	331207	331260	+	1	54	GTG	TAA	0	0	
mORF+_331244	331244	331315	+	2	72	TTG	TGA	0	0	
mORF+_331260	331260	331277	+	3	18	ATG	TGA	0	0	
mORF+_331278	331278	331295	+	3	18	ATG	TAG	0	0	
mORF+_331282	331282	331308	+	1	27	ATG	TAA	0	0	
mORF+_331312	331312	331320	+	1	9	TTG	TAG	0	0	
mORF+_331346	331346	331357	+	2	12	ATG	TGA	0	0	
mORF+_331367	331367	331393	+	2	27	TTG	TGA	0	0	
mORF+_331375	331375	331554	+	1	180	TTG	TAA	0	0	
mORF+_331401	331401	331406	+	3	6	TTG	TGA	0	0	
mORF+_331403	331403	331432	+	2	30	GTG	TAA	0	0	
mORF+_331439	331439	331459	+	2	21	TTG	TAA	0	0	
mORF+_331482	331482	331577	+	3	96	GTG	TAA	0	0	
mORF+_331487	331487	331510	+	2	24	ATG	TGA	0	0	
mORF+_331529	331529	331567	+	2	39	ATG	TGA	0	0	
mORF+_331587	331587	331598	+	3	12	GTG	TGA	0	0	
mORF+_331589	331589	332683	+	2	1095	GTG	TGA	1	2	pORF+_331589
mORF+_331603	331603	331608	+	1	6	ATG	TGA	0	0	
mORF+_331605	331605	331703	+	3	99	GTG	TGA	0	0	
mORF+_331749	331749	332006	+	3	258	GTG	TGA	0	0	
mORF+_331966	331966	332016	+	1	51	GTG	TGA	0	0	
mORF+_332013	332013	332108	+	3	96	GTG	TAA	0	0	
mORF+_332184	332184	332243	+	3	60	TTG	TGA	0	0	
mORF+_332206	332206	332229	+	1	24	TTG	TGA	0	0	
mORF+_332236	332236	332253	+	1	18	GTG	TAA	0	0	
mORF+_332340	332340	332519	+	3	180	TTG	TAG	0	0	
mORF+_332659	332659	332688	+	1	30	ATG	TAA	0	0	
mORF+_332676	332676	332795	+	3	120	GTG	TAA	0	0	
mORF+_332737	332737	332745	+	1	9	ATG	TAA	0	0	
mORF+_332768	332768	332812	+	2	45	ATG	TGA	0	0	
mORF+_332785	332785	332841	+	1	57	TTG	TAA	0	0	
mORF+_332843	332843	332920	+	2	78	ATG	TAA	0	0	
mORF+_332866	332866	332949	+	1	84	ATG	TAA	0	0	
mORF+_332966	332966	333070	+	2	105	TTG	TAG	0	0	
mORF+_332991	332991	333032	+	3	42	TTG	TAA	0	0	
mORF+_333004	333004	333114	+	1	111	GTG	TAA	0	0	
mORF+_333092	333092	333121	+	2	30	ATG	TGA	0	0	
mORF+_333118	333118	333192	+	1	75	GTG	TAG	0	0	
mORF+_333164	333164	333169	+	2	6	GTG	TAA	0	0	
mORF+_333192	333192	333233	+	3	42	GTG	TAA	0	0	
mORF+_333209	333209	333226	+	2	18	ATG	TGA	0	0	
mORF+_333266	333266	333343	+	2	78	GTG	TAA	0	0	
mORF+_333321	333321	333356	+	3	36	GTG	TAA	0	0	
mORF+_333328	333328	333477	+	1	150	GTG	TAA	0	0	
mORF+_333362	333362	333421	+	2	60	ATG	TAA	0	0	
mORF+_333446	333446	333460	+	2	15	TTG	TAA	0	0	
mORF+_333482	333482	333547	+	2	66	ATG	TAG	0	0	
mORF+_333551	333551	333721	+	2	171	ATG	TAA	0	0	
mORF+_333621	333621	333644	+	3	24	ATG	TAA	0	0	
mORF+_333648	333648	333686	+	3	39	TTG	TGA	0	0	
mORF+_333699	333699	333731	+	3	33	ATG	TAA	0	0	
mORF+_333738	333738	333752	+	3	15	TTG	TAA	0	0	
mORF+_333788	333788	333805	+	2	18	TTG	TGA	0	0	

mORF_+_333885	333885	334061	+	3	177	ATG	TAA	0	0	
mORF_+_333932	333932	334147	+	2	216	TTG	TAA	0	0	
mORF_+_334137	334137	334163	+	3	27	ATG	TGA	0	0	
mORF_+_334160	334160	334180	+	2	21	TTG	TGA	0	0	
mORF_+_334177	334177	334221	+	1	45	GTG	TGA	0	0	
mORF_+_334218	334218	334265	+	3	48	GTG	TAG	0	0	
mORF_+_334228	334228	334236	+	1	9	TTG	TGA	0	0	
mORF_+_334268	334268	334303	+	2	36	ATG	TAG	0	0	
mORF_+_334291	334291	334311	+	1	21	GTG	TAA	0	0	
mORF_+_334319	334319	334423	+	2	105	TTG	TAA	0	0	
mORF_+_334323	334323	334556	+	3	234	GTG	TGA	0	0	
mORF_+_334354	334354	334386	+	1	33	TTG	TGA	0	0	
mORF_+_334454	334454	334507	+	2	54	TTG	TGA	0	0	
mORF_+_334498	334498	334503	+	1	6	ATG	TGA	0	0	
mORF_+_334504	334504	335109	+	1	606	ATG	TAA	1	4	pORF_+_334504
mORF_+_334553	334553	334570	+	2	18	GTG	TAA	0	0	
mORF_+_334580	334580	334678	+	2	99	TTG	TAA	0	0	
mORF_+_334662	334662	334682	+	3	21	TTG	TGA	0	0	
mORF_+_334679	334679	334723	+	2	45	TTG	TAA	0	0	
mORF_+_334751	334751	334759	+	2	9	ATG	TAA	0	0	
mORF_+_334800	334800	334844	+	3	45	TTG	TGA	0	0	
mORF_+_334814	334814	334831	+	2	18	TTG	TGA	0	0	
mORF_+_334841	334841	334858	+	2	18	GTG	TAA	0	0	
mORF_+_334862	334862	334867	+	2	6	TTG	TAA	0	0	
mORF_+_334913	334913	334918	+	2	6	ATG	TAG	0	0	
mORF_+_334943	334943	335020	+	2	78	TTG	TGA	0	0	
mORF_+_335030	335030	335092	+	2	63	ATG	TGA	0	0	
mORF_+_335093	335093	335161	+	2	69	TTG	TAA	0	0	
mORF_+_335145	335145	335207	+	3	63	GTG	TGA	0	0	
mORF_+_335149	335149	336012	+	1	864	GTG	TAA	1	2	pORF_+_335149
mORF_+_335168	335168	335230	+	2	63	ATG	TAA	0	0	
mORF_+_335271	335271	335276	+	3	6	TTG	TGA	0	0	
mORF_+_335273	335273	335401	+	2	129	GTG	TAG	0	0	
mORF_+_335301	335301	335327	+	3	27	TTG	TGA	0	0	
mORF_+_335412	335412	335519	+	3	108	TTG	TGA	0	0	
mORF_+_335516	335516	335566	+	2	51	ATG	TAA	0	0	
mORF_+_335663	335663	335695	+	2	33	TTG	TAA	0	0	
mORF_+_335801	335801	335809	+	2	9	GTG	TAA	0	0	
mORF_+_335876	335876	335908	+	2	33	ATG	TAG	0	0	
mORF_+_335924	335924	335980	+	2	57	TTG	TGA	0	0	
mORF_+_335970	335970	336017	+	3	48	TTG	TAG	0	0	
mORF_+_336002	336002	337549	+	2	1548	ATG	TGA	1	2	pORF_+_336002
mORF_+_336039	336039	336056	+	3	18	TTG	TGA	0	0	
mORF_+_336072	336072	336128	+	3	57	GTG	TGA	0	0	
mORF_+_336201	336201	336356	+	3	156	TTG	TGA	0	0	
mORF_+_336375	336375	336422	+	3	48	TTG	TGA	0	0	
mORF_+_336447	336447	336497	+	3	51	TTG	TGA	0	0	
mORF_+_336513	336513	336617	+	3	105	GTG	TGA	0	0	
mORF_+_336630	336630	336659	+	3	30	ATG	TGA	0	0	
mORF_+_336660	336660	336683	+	3	24	TTG	TGA	0	0	
mORF_+_336756	336756	336920	+	3	165	TTG	TAA	0	0	
mORF_+_336987	336987	337082	+	3	96	TTG	TGA	0	0	
mORF_+_337057	337057	337188	+	1	132	GTG	TGA	0	0	
mORF_+_337092	337092	337139	+	3	48	ATG	TGA	0	0	
mORF_+_337179	337179	337220	+	3	42	TTG	TGA	0	0	
mORF_+_337221	337221	337250	+	3	30	TTG	TGA	0	0	
mORF_+_337296	337296	337394	+	3	99	TTG	TGA	0	0	
mORF_+_337407	337407	337442	+	3	36	ATG	TAG	0	0	
mORF_+_337464	337464	337478	+	3	15	TTG	TGA	0	0	
mORF_+_337518	337518	337568	+	3	51	GTG	TAG	0	0	
mORF_+_337549	337549	338967	+	1	1419	ATG	TGA	2	4	pORF_+_337549
mORF_+_337613	337613	337621	+	2	9	ATG	TGA	0	0	
mORF_+_337631	337631	337636	+	2	6	ATG	TAG	0	0	

mORF_+_337706	337706	337789	+	2	84	TTG	TGA	0	0	
mORF_+_337790	337790	337828	+	2	39	TTG	TGA	0	0	
mORF_+_337878	337878	337955	+	3	78	GTG	TGA	0	0	
mORF_+_337989	337989	338135	+	3	147	GTG	TAA	0	0	
mORF_+_338024	338024	338059	+	2	36	GTG	TAA	0	0	
mORF_+_338150	338150	338161	+	2	12	TTG	TGA	0	0	
mORF_+_338171	338171	338206	+	2	36	GTG	TGA	0	0	
mORF_+_338264	338264	338305	+	2	42	ATG	TGA	0	0	
mORF_+_338268	338268	338276	+	3	9	GTG	TAA	0	0	
mORF_+_338369	338369	338560	+	2	192	TTG	TGA	0	0	
mORF_+_338409	338409	338426	+	3	18	GTG	TAA	0	0	
mORF_+_338532	338532	338585	+	3	54	ATG	TAA	0	0	
mORF_+_338573	338573	338845	+	2	273	TTG	TGA	0	0	
mORF_+_338870	338870	338887	+	2	18	ATG	TGA	0	0	
mORF_+_338888	338888	339313	+	2	426	TTG	TAG	0	0	
mORF_+_338946	338946	338996	+	3	51	GTG	TGA	0	0	
mORF_+_338986	338986	339357	+	1	372	ATG	TAA	0	0	
mORF_+_339063	339063	339089	+	3	27	TTG	TGA	0	0	
mORF_+_339156	339156	339221	+	3	66	TTG	TAG	0	0	
mORF_+_339249	339249	339275	+	3	27	TTG	TGA	0	0	
mORF_+_339348	339348	339392	+	3	45	TTG	TGA	0	0	
mORF_+_339389	339389	340339	+	2	951	ATG	TAA	2	0	pORF_+_339389
mORF_+_339399	339399	339479	+	3	81	TTG	TGA	0	0	
mORF_+_339528	339528	339536	+	3	9	TTG	TGA	0	0	
mORF_+_339576	339576	339614	+	3	39	GTG	TAA	0	0	
mORF_+_339630	339630	339665	+	3	36	GTG	TGA	0	0	
mORF_+_339762	339762	339935	+	3	174	TTG	TGA	0	0	
mORF_+_339841	339841	339852	+	1	12	GTG	TGA	0	0	
mORF_+_339948	339948	339956	+	3	9	TTG	TAA	0	0	
mORF_+_339957	339957	339986	+	3	30	TTG	TAG	0	0	
mORF_+_340062	340062	340088	+	3	27	GTG	TGA	0	0	
mORF_+_340111	340111	340332	+	1	222	GTG	TAA	0	0	
mORF_+_340122	340122	340172	+	3	51	TTG	TGA	0	0	
mORF_+_340349	340349	341731	+	2	1383	ATG	TGA	8	17	pORF_+_340349
mORF_+_340371	340371	340382	+	3	12	GTG	TGA	0	0	
mORF_+_340419	340419	340454	+	3	36	TTG	TAG	0	0	
mORF_+_340542	340542	340685	+	3	144	TTG	TGA	0	0	
mORF_+_340744	340744	340860	+	1	117	GTG	TGA	0	0	
mORF_+_340857	340857	340928	+	3	72	TTG	TGA	0	0	
mORF_+_340977	340977	341039	+	3	63	TTG	TAA	0	0	
mORF_+_340981	340981	340986	+	1	6	GTG	TGA	0	0	
mORF_+_341043	341043	341231	+	3	189	GTG	TAG	0	0	
mORF_+_341277	341277	341309	+	3	33	TTG	TAG	0	0	
mORF_+_341310	341310	341414	+	3	105	ATG	TAA	0	0	
mORF_+_341460	341460	341552	+	3	93	ATG	TAG	0	0	
mORF_+_341562	341562	341576	+	3	15	ATG	TGA	0	0	
mORF_+_341577	341577	341759	+	3	183	ATG	TGA	0	0	
mORF_+_341596	341596	341616	+	1	21	ATG	TGA	0	0	
mORF_+_341710	341710	341742	+	1	33	GTG	TGA	0	0	
mORF_+_341756	341756	341836	+	2	81	GTG	TGA	0	0	
mORF_+_341802	341802	341864	+	3	63	ATG	TAG	0	0	
mORF_+_341806	341806	341868	+	1	63	GTG	TAA	0	0	
mORF_+_341873	341873	341884	+	2	12	TTG	TGA	0	0	
mORF_+_341881	341881	341925	+	1	45	GTG	TAG	0	0	
mORF_+_341955	341955	342092	+	3	138	ATG	TAA	0	0	
mORF_+_341965	341965	342021	+	1	57	TTG	TAA	0	0	
mORF_+_342025	342025	342060	+	1	36	TTG	TGA	0	0	
mORF_+_342038	342038	342088	+	2	51	ATG	TAG	0	0	
mORF_+_342108	342108	343157	+	3	1050	ATG	TGA	54	446	pORF_+_342108
mORF_+_342124	342124	342315	+	1	192	TTG	TAG	0	0	
mORF_+_342224	342224	342295	+	2	72	TTG	TGA	0	0	
mORF_+_342319	342319	342333	+	1	15	TTG	TAG	0	0	
mORF_+_342340	342340	342438	+	1	99	ATG	TGA	0	0	

mORF_+_342383	342383	342388	+	2	6	TTG	TAA	0	0
mORF_+_342392	342392	342406	+	2	15	TTG	TGA	0	0
mORF_+_342514	342514	342813	+	1	300	ATG	TGA	0	0
mORF_+_342578	342578	342634	+	2	57	GTG	TAA	0	0
mORF_+_342886	342886	342900	+	1	15	GTG	TGA	0	0
mORF_+_342907	342907	342954	+	1	48	TTG	TGA	0	0
mORF_+_342967	342967	342975	+	1	9	GTG	TAG	0	0
mORF_+_342988	342988	343056	+	1	69	TTG	TAG	0	0
mORF_+_343025	343025	343051	+	2	27	TTG	TGA	0	0
mORF_+_343081	343081	343116	+	1	36	ATG	TGA	0	0
mORF_+_343126	343126	343149	+	1	24	TTG	TAA	0	0
mORF_+_343177	343177	343185	+	1	9	GTG	TAA	0	0
mORF_+_343275	343275	343286	+	3	12	TTG	TAA	0	0
mORF_+_343321	343321	343335	+	1	15	ATG	TGA	0	0
mORF_+_343338	343338	343388	+	3	51	GTG	TAA	0	0
mORF_+_343400	343400	344215	+	2	816	ATG	TAG	0	0
mORF_+_343515	343515	343538	+	3	24	GTG	TGA	0	0
mORF_+_343551	343551	343583	+	3	33	ATG	TAG	0	0
mORF_+_343567	343567	343575	+	1	9	TTG	TGA	0	0
mORF_+_343587	343587	343661	+	3	75	ATG	TAA	0	0
mORF_+_343633	343633	343647	+	1	15	GTG	TAA	0	0
mORF_+_343662	343662	343847	+	3	186	ATG	TAG	0	0
mORF_+_343765	343765	343776	+	1	12	TTG	TGA	0	0
mORF_+_343876	343876	343896	+	1	21	TTG	TGA	0	0
mORF_+_343893	343893	343916	+	3	24	TTG	TGA	0	0
mORF_+_343939	343939	344004	+	1	66	GTG	TAA	0	0
mORF_+_343947	343947	344039	+	3	93	ATG	TAA	0	0
mORF_+_344115	344115	344129	+	3	15	ATG	TAA	0	0
mORF_+_344130	344130	344162	+	3	33	ATG	TAG	0	0
mORF_+_344134	344134	344145	+	1	12	ATG	TAA	0	0
mORF_+_344163	344163	344183	+	3	21	GTG	TAA	0	0
mORF_+_344240	344240	344404	+	2	165	TTG	TAA	0	0
mORF_+_344268	344268	344345	+	3	78	ATG	TGA	0	0
mORF_+_344299	344299	344364	+	1	66	ATG	TAA	0	0
mORF_+_344392	344392	344445	+	1	54	ATG	TGA	0	0
mORF_+_344397	344397	344411	+	3	15	GTG	TGA	0	0
mORF_+_344408	344408	344542	+	2	135	ATG	TAA	0	0
mORF_+_344427	344427	344432	+	3	6	TTG	TGA	0	0
mORF_+_344433	344433	344456	+	3	24	ATG	TGA	0	0
mORF_+_344476	344476	344658	+	1	183	ATG	TGA	0	0
mORF_+_344484	344484	344525	+	3	42	GTG	TGA	0	0
mORF_+_344598	344598	344873	+	3	276	TTG	TAG	0	0
mORF_+_344689	344689	344736	+	1	48	GTG	TGA	0	0
mORF_+_344720	344720	344779	+	2	60	ATG	TAA	0	0
mORF_+_344758	344758	344766	+	1	9	GTG	TGA	0	0
mORF_+_344943	344943	344954	+	3	12	TTG	TAA	0	0
mORF_+_344971	344971	345045	+	1	75	TTG	TGA	0	0
mORF_+_345042	345042	345125	+	3	84	TTG	TGA	0	0
mORF_+_345142	345142	345168	+	1	27	TTG	TAA	0	0
mORF_+_345208	345208	345216	+	1	9	TTG	TAG	0	0
mORF_+_345216	345216	345296	+	3	81	GTG	TGA	0	0
mORF_+_345218	345218	345277	+	2	60	GTG	TAA	0	0
mORF_+_345226	345226	345237	+	1	12	TTG	TGA	0	0
mORF_+_345333	345333	345467	+	3	135	TTG	TAA	0	0
mORF_+_345433	345433	345543	+	1	111	TTG	TAA	0	0
mORF_+_345452	345452	345502	+	2	51	TTG	TAA	0	0
mORF_+_345524	345524	345547	+	2	24	GTG	TGA	0	0
mORF_+_345544	345544	345552	+	1	9	GTG	TAA	0	0
mORF_+_345583	345583	345678	+	1	96	GTG	TGA	0	0
mORF_+_345602	345602	345637	+	2	36	GTG	TGA	0	0
mORF_+_345665	345665	345706	+	2	42	ATG	TAA	0	0
mORF_+_345675	345675	345686	+	3	12	GTG	TGA	0	0
mORF_+_345708	345708	345983	+	3	276	ATG	TAA	28	412

pORF_+_345708

mORF_+_345736	345736	345744	+	1	9	GTG	TAG	0	0	
mORF_+_345760	345760	345780	+	1	21	ATG	TGA	0	0	
mORF_+_345796	345796	345828	+	1	33	TTG	TAG	0	0	
mORF_+_345829	345829	345882	+	1	54	GTG	TGA	0	0	
mORF_+_345895	345895	345924	+	1	30	ATG	TGA	0	0	
mORF_+_345995	345995	346000	+	2	6	ATG	TAA	0	0	
mORF_+_346010	346010	346129	+	2	120	ATG	TAA	0	0	
mORF_+_346026	346026	346040	+	3	15	GTG	TGA	0	0	
mORF_+_346167	346167	346247	+	3	81	GTG	TAA	0	0	
mORF_+_346174	346174	346188	+	1	15	TTG	TAA	0	0	
mORF_+_346240	346240	346260	+	1	21	TTG	TAA	0	0	
mORF_+_346310	346310	346345	+	2	36	TTG	TAG	0	0	
mORF_+_346345	346345	346374	+	1	30	GTG	TAA	0	0	
mORF_+_346365	346365	346577	+	3	213	TTG	TAA	0	0	
mORF_+_346486	346486	346671	+	1	186	TTG	TAG	0	0	
mORF_+_346559	346559	346567	+	2	9	TTG	TGA	0	0	
mORF_+_346568	346568	346606	+	2	39	GTG	TGA	0	0	
mORF_+_346622	346622	346777	+	2	156	GTG	TAG	0	0	
mORF_+_346711	346711	347004	+	1	294	GTG	TGA	0	0	
mORF_+_346823	346823	346891	+	2	69	TTG	TGA	0	0	
mORF_+_346913	346913	347008	+	2	96	TTG	TGA	0	0	
mORF_+_346998	346998	347111	+	3	114	GTG	TGA	0	0	
mORF_+_347005	347005	347079	+	1	75	TTG	TAA	0	0	
mORF_+_347048	347048	347065	+	2	18	TTG	TGA	0	0	
mORF_+_347066	347066	347140	+	2	75	GTG	TAG	0	0	
mORF_+_347210	347210	347266	+	2	57	GTG	TAG	0	0	
mORF_+_347244	347244	347261	+	3	18	GTG	TAA	0	0	
mORF_+_347272	347272	347388	+	1	117	TTG	TAA	0	0	
mORF_+_347321	347321	347332	+	2	12	ATG	TGA	0	0	
mORF_+_347336	347336	347398	+	2	63	GTG	TAG	0	0	
mORF_+_347373	347373	347411	+	3	39	TTG	TAA	0	0	
mORF_+_347471	347471	347515	+	2	45	ATG	TAG	0	0	
mORF_+_347493	347493	347546	+	3	54	TTG	TAG	0	0	
mORF_+_347552	347552	347566	+	2	15	ATG	TGA	0	0	
mORF_+_347563	347563	347685	+	1	123	GTG	TAA	0	0	
mORF_+_347636	347636	347719	+	2	84	TTG	TAA	0	0	
mORF_+_347652	347652	347669	+	3	18	GTG	TAG	0	0	
mORF_+_347697	347697	347741	+	3	45	TTG	TGA	0	0	
mORF_+_347720	347720	347731	+	2	12	TTG	TGA	0	0	
mORF_+_347728	347728	347826	+	1	99	ATG	TAA	0	0	
mORF_+_347738	347738	347761	+	2	24	GTG	TAA	0	0	
mORF_+_347775	347775	347792	+	3	18	TTG	TGA	0	0	
mORF_+_347789	347789	347812	+	2	24	ATG	TGA	0	0	
mORF_+_347841	347841	347948	+	3	108	TTG	TGA	0	0	
mORF_+_347843	347843	347881	+	2	39	GTG	TAA	0	0	
mORF_+_347860	347860	347889	+	1	30	TTG	TGA	0	0	
mORF_+_347899	347899	347928	+	1	30	ATG	TAA	0	0	
mORF_+_347906	347906	348796	+	2	891	ATG	TAA	2	4	pORF_+_347906
mORF_+_347970	347970	348110	+	3	141	TTG	TGA	0	0	
mORF_+_348136	348136	348192	+	1	57	TTG	TAA	0	0	
mORF_+_348159	348159	348209	+	3	51	ATG	TGA	0	0	
mORF_+_348228	348228	348368	+	3	141	GTG	TGA	0	0	
mORF_+_348384	348384	348398	+	3	15	ATG	TAG	0	0	
mORF_+_348408	348408	348635	+	3	228	ATG	TGA	0	0	
mORF_+_348651	348651	348791	+	3	141	ATG	TGA	0	0	
mORF_+_348807	348807	348845	+	3	39	TTG	TGA	0	0	
mORF_+_348811	348811	348834	+	1	24	TTG	TGA	0	0	
mORF_+_348827	348827	348883	+	2	57	ATG	TAG	0	0	
mORF_+_348868	348868	348876	+	1	9	GTG	TGA	0	0	
mORF_+_348898	348898	348927	+	1	30	ATG	TGA	0	0	
mORF_+_348920	348920	348943	+	2	24	ATG	TGA	0	0	
mORF_+_348927	348927	348938	+	3	12	ATG	TGA	0	0	
mORF_+_348940	348940	348969	+	1	30	GTG	TGA	0	0	

mORF+_349013	349013	349069	+	2	57	ATG	TAG	0	0	
mORF+_349020	349020	349031	+	3	12	ATG	TGA	0	0	
mORF+_349054	349054	349062	+	1	9	GTG	TGA	0	0	
mORF+_349106	349106	349150	+	2	45	ATG	TGA	0	0	
mORF+_349113	349113	349124	+	3	12	ATG	TGA	0	0	
mORF+_349147	349147	349155	+	1	9	GTG	TGA	0	0	
mORF+_349213	349213	349239	+	1	27	ATG	TGA	0	0	
mORF+_349236	349236	350405	+	3	1170	ATG	TAA	2	4	pORF+_349236
mORF+_349270	349270	349431	+	1	162	ATG	TGA	0	0	
mORF+_349400	349400	349411	+	2	12	TTG	TGA	0	0	
mORF+_349453	349453	349485	+	1	33	GTG	TGA	0	0	
mORF+_349558	349558	349869	+	1	312	ATG	TGA	0	0	
mORF+_349682	349682	349732	+	2	51	TTG	TGA	0	0	
mORF+_349870	349870	350094	+	1	225	TTG	TGA	0	0	
mORF+_350101	350101	350139	+	1	39	GTG	TGA	0	0	
mORF+_350177	350177	350395	+	2	219	GTG	TAA	0	0	
mORF+_350272	350272	350511	+	1	240	TTG	TGA	0	0	
mORF+_350439	350439	351890	+	3	1452	ATG	TAA	1	3	pORF+_350439
mORF+_350629	350629	350724	+	1	96	TTG	TGA	0	0	
mORF+_350765	350765	350896	+	2	132	GTG	TGA	0	0	
mORF+_350893	350893	350961	+	1	69	ATG	TAG	0	0	
mORF+_351041	351041	351100	+	2	60	GTG	TAA	0	0	
mORF+_351076	351076	351150	+	1	75	ATG	TGA	0	0	
mORF+_351200	351200	351226	+	2	27	GTG	TAA	0	0	
mORF+_351229	351229	351342	+	1	114	GTG	TGA	0	0	
mORF+_351349	351349	351399	+	1	51	ATG	TGA	0	0	
mORF+_351547	351547	351894	+	1	348	TTG	TAA	0	0	
mORF+_351590	351590	351598	+	2	9	TTG	TGA	0	0	
mORF+_351930	351930	353816	+	3	1887	ATG	TAG	0	0	
mORF+_352003	352003	352143	+	1	141	TTG	TGA	1	2	pORF+_352003
mORF+_352061	352061	352072	+	2	12	TTG	TGA	0	0	
mORF+_352088	352088	352201	+	2	114	GTG	TGA	0	0	
mORF+_352144	352144	352209	+	1	66	TTG	TGA	0	0	
mORF+_352240	352240	352281	+	1	42	GTG	TGA	0	0	
mORF+_352282	352282	352404	+	1	123	TTG	TGA	0	0	
mORF+_352405	352405	352476	+	1	72	TTG	TAA	0	0	
mORF+_352501	352501	352950	+	1	450	ATG	TGA	1	4	pORF+_352501
mORF+_352610	352610	352672	+	2	63	GTG	TAA	0	0	
mORF+_352763	352763	352912	+	2	150	TTG	TAG	0	0	
mORF+_353045	353045	353188	+	2	144	TTG	TAA	0	0	
mORF+_353065	353065	353316	+	1	252	ATG	TGA	0	0	
mORF+_353222	353222	353362	+	2	141	GTG	TGA	0	0	
mORF+_353359	353359	353421	+	1	63	TTG	TAA	0	0	
mORF+_353428	353428	353514	+	1	87	TTG	TGA	0	0	
mORF+_353518	353518	353526	+	1	9	ATG	TGA	0	0	
mORF+_353548	353548	353760	+	1	213	TTG	TGA	0	0	
mORF+_353732	353732	353770	+	2	39	TTG	TGA	0	0	
mORF+_353767	353767	353880	+	1	114	TTG	TGA	0	0	
mORF+_353828	353828	353869	+	2	42	ATG	TGA	0	0	
mORF+_353856	353856	353963	+	3	108	GTG	TGA	0	0	
mORF+_353948	353948	353974	+	2	27	ATG	TGA	0	0	
mORF+_353956	353956	354048	+	1	93	ATG	TAA	0	0	
mORF+_354074	354074	354094	+	2	21	TTG	TGA	0	0	
mORF+_354091	354091	354159	+	1	69	ATG	TAA	0	0	
mORF+_354114	354114	354215	+	3	102	TTG	TGA	0	0	
mORF+_354146	354146	354405	+	2	1260	GTG	TAA	4	10	pORF+_354146
mORF+_354256	354256	354288	+	1	33	GTG	TAG	0	0	
mORF+_354294	354294	354383	+	3	90	ATG	TGA	0	0	
mORF+_354396	354396	354539	+	3	144	TTG	TGA	0	0	
mORF+_354427	354427	354510	+	1	84	ATG	TAA	0	0	
mORF+_354540	354540	354560	+	3	21	TTG	TGA	0	0	
mORF+_354579	354579	354596	+	3	18	TTG	TGA	0	0	
mORF+_354612	354612	354692	+	3	81	TTG	TAA	0	0	

mORF_+_354652	354652	354666	+	1	15	GTG	TAA	0	0	
mORF_+_354726	354726	354860	+	3	135	ATG	TGA	0	0	
mORF_+_354873	354873	354920	+	3	48	GTG	TGA	0	0	
mORF_+_354924	354924	354968	+	3	45	TTG	TGA	0	0	
mORF_+_354999	354999	355013	+	3	15	ATG	TAG	0	0	
mORF_+_355090	355090	355101	+	1	12	ATG	TAA	0	0	
mORF_+_355107	355107	355121	+	3	15	TTG	TGA	0	0	
mORF_+_355152	355152	355160	+	3	9	GTG	TGA	0	0	
mORF_+_355194	355194	355220	+	3	27	ATG	TGA	0	0	
mORF_+_355224	355224	355313	+	3	90	GTG	TAG	0	0	
mORF_+_355231	355231	355341	+	1	111	TTG	TAA	0	0	
mORF_+_355314	355314	355325	+	3	12	GTG	TGA	0	0	
mORF_+_355380	355380	356678	+	3	1299	ATG	TGA	43	351	pORF_+_355380
mORF_+_355454	355454	355495	+	2	42	GTG	TGA	0	0	
mORF_+_355492	355492	355512	+	1	21	TTG	TGA	0	0	
mORF_+_355537	355537	355554	+	1	18	ATG	TAG	0	0	
mORF_+_355567	355567	355683	+	1	117	TTG	TAA	0	0	
mORF_+_355687	355687	355698	+	1	12	ATG	TGA	0	0	
mORF_+_355709	355709	355840	+	2	132	ATG	TGA	0	0	
mORF_+_355732	355732	355788	+	1	57	TTG	TAA	0	0	
mORF_+_355837	355837	355923	+	1	87	TTG	TAG	0	0	
mORF_+_355930	355930	355935	+	1	6	ATG	TAG	0	0	
mORF_+_355954	355954	356193	+	1	240	TTG	TGA	0	0	
mORF_+_356212	356212	356418	+	1	207	TTG	TGA	0	0	
mORF_+_356351	356351	356437	+	2	87	GTG	TAA	0	0	
mORF_+_356440	356440	356448	+	1	9	ATG	TGA	0	0	
mORF_+_356500	356500	356526	+	1	27	TTG	TGA	0	0	
mORF_+_356545	356545	356607	+	1	63	ATG	TGA	0	0	
mORF_+_356608	356608	356745	+	1	138	TTG	TAG	0	0	
mORF_+_356675	356675	356761	+	2	87	TTG	TAG	0	0	
mORF_+_356706	356706	356723	+	3	18	ATG	TGA	0	0	
mORF_+_356805	356805	356945	+	3	141	GTG	TAG	0	0	
mORF_+_356861	356861	356902	+	2	42	ATG	TAG	0	0	
mORF_+_356863	356863	356961	+	1	99	GTG	TAG	0	0	
mORF_+_356906	356906	356923	+	2	18	ATG	TGA	0	0	
mORF_+_357005	357005	357157	+	2	153	GTG	TAG	0	0	
mORF_+_357061	357061	357297	+	1	237	ATG	TAG	0	0	
mORF_+_357063	357063	357137	+	3	75	GTG	TAG	0	0	
mORF_+_357171	357171	357197	+	3	27	ATG	TAA	0	0	
mORF_+_357176	357176	357244	+	2	69	GTG	TAA	0	0	
mORF_+_357245	357245	357262	+	2	18	TTG	TGA	0	0	
mORF_+_357269	357269	357334	+	2	66	GTG	TGA	0	0	
mORF_+_357273	357273	357278	+	3	6	ATG	TAG	0	0	
mORF_+_357297	357297	357416	+	3	120	GTG	TAA	0	0	
mORF_+_357316	357316	357399	+	1	84	GTG	TGA	0	0	
mORF_+_357443	357443	357556	+	2	114	TTG	TGA	0	0	
mORF_+_357462	357462	357545	+	3	84	ATG	TAG	0	0	
mORF_+_357553	357553	357567	+	1	15	GTG	TAG	0	0	
mORF_+_357616	357616	357669	+	1	54	GTG	TGA	0	0	
mORF_+_357666	357666	357701	+	3	36	ATG	TAA	0	0	
mORF_+_357742	357742	357894	+	1	153	GTG	TAA	0	0	
mORF_+_357828	357828	357956	+	3	129	TTG	TGA	0	0	
mORF_+_357895	357895	357927	+	1	33	TTG	TAA	0	0	
mORF_+_357937	357937	357972	+	1	36	ATG	TGA	0	0	
mORF_+_357953	357953	358039	+	2	87	ATG	TGA	0	0	
mORF_+_357969	357969	357986	+	3	18	ATG	TAG	0	0	
mORF_+_358023	358023	358682	+	3	660	GTG	TAA	0	0	
mORF_+_358036	358036	358170	+	1	135	TTG	TGA	0	0	
mORF_+_358177	358177	358305	+	1	129	GTG	TGA	0	0	
mORF_+_358307	358307	358420	+	2	114	TTG	TAA	0	0	
mORF_+_358309	358309	358335	+	1	27	GTG	TGA	0	0	
mORF_+_358342	358342	358716	+	1	375	TTG	TGA	0	0	
mORF_+_358646	358646	358732	+	2	87	TTG	TAA	0	0	

mORF+_358713	358713	359183	+	3	471	ATG	TGA	0	0
mORF+_358747	358747	358842	+	1	96	TTG	TAA	0	0
mORF+_358954	358954	359037	+	1	84	GTG	TGA	0	0
mORF+_359050	359050	359151	+	1	102	ATG	TAG	0	0
mORF+_359152	359152	359247	+	1	96	ATG	TAA	0	0
mORF+_359189	359189	360370	+	2	1182	ATG	TGA	0	0
mORF+_359238	359238	359312	+	3	75	TTG	TGA	0	0
mORF+_359397	359397	359438	+	3	42	ATG	TGA	0	0
mORF+_359439	359439	359456	+	3	18	TTG	TGA	0	0
mORF+_359460	359460	359540	+	3	81	GTG	TGA	0	0
mORF+_359596	359596	359664	+	1	69	GTG	TAG	0	0
mORF+_359622	359622	359642	+	3	21	GTG	TAA	0	0
mORF+_359692	359692	359841	+	1	150	GTG	TAA	0	0
mORF+_359709	359709	359837	+	3	129	TTG	TGA	0	0
mORF+_359862	359862	359933	+	3	72	TTG	TGA	0	0
mORF+_359940	359940	359966	+	3	27	TTG	TGA	0	0
mORF+_360079	360079	360249	+	1	171	GTG	TAG	0	0
mORF+_360093	360093	360101	+	3	9	GTG	TAG	0	0
mORF+_360165	360165	360269	+	3	105	TTG	TGA	0	0
mORF+_360285	360285	360308	+	3	24	ATG	TGA	0	0
mORF+_360292	360292	360414	+	1	123	GTG	TAA	0	0
mORF+_360327	360327	360419	+	3	93	TTG	TAG	0	0
mORF+_360392	360392	360427	+	2	36	TTG	TGA	0	0
mORF+_360430	360430	360435	+	1	6	TTG	TAG	0	0
mORF+_360501	360501	360509	+	3	9	TTG	TAA	0	0
mORF+_360512	360512	360823	+	2	312	GTG	TAA	0	0
mORF+_360574	360574	360594	+	1	21	TTG	TGA	0	0
mORF+_360582	360582	360659	+	3	78	ATG	TGA	0	0
mORF+_360678	360678	360806	+	3	129	TTG	TAG	0	0
mORF+_360769	360769	360828	+	1	60	GTG	TGA	0	0
mORF+_360816	360816	360839	+	3	24	ATG	TAA	0	0
mORF+_360832	360832	360933	+	1	102	TTG	TAA	0	0
mORF+_360843	360843	360872	+	3	30	TTG	TAA	0	0
mORF+_360854	360854	360961	+	2	108	ATG	TGA	0	0
mORF+_360915	360915	360974	+	3	60	GTG	TGA	0	0
mORF+_360961	360961	360978	+	1	18	ATG	TAA	0	0
mORF+_360965	360965	360991	+	2	27	ATG	TAA	0	0
mORF+_361047	361047	361103	+	3	57	TTG	TGA	0	0
mORF+_361072	361072	361119	+	1	48	TTG	TAA	0	0
mORF+_361100	361100	361153	+	2	54	ATG	TAA	0	0
mORF+_361146	361146	361205	+	3	60	TTG	TAA	0	0
mORF+_361208	361208	361261	+	2	54	GTG	TAA	0	0
mORF+_361277	361277	361357	+	2	81	ATG	TAA	0	0
mORF+_361327	361327	361368	+	1	42	TTG	TGA	0	0
mORF+_361438	361438	361473	+	1	36	ATG	TGA	0	0
mORF+_361475	361475	361618	+	2	144	GTG	TAG	0	0
mORF+_361485	361485	361496	+	3	12	ATG	TAA	0	0
mORF+_361563	361563	361580	+	3	18	GTG	TAA	0	0
mORF+_361605	361605	361649	+	3	45	TTG	TAG	0	0
mORF+_361681	361681	361728	+	1	48	TTG	TGA	0	0
mORF+_361700	361700	361906	+	2	207	GTG	TGA	0	0
mORF+_361725	361725	361754	+	3	30	GTG	TGA	0	0
mORF+_361764	361764	361775	+	3	12	GTG	TAA	0	0
mORF+_361782	361782	361871	+	3	90	ATG	TGA	0	0
mORF+_361789	361789	361857	+	1	69	ATG	TAA	0	0
mORF+_361872	361872	361913	+	3	42	GTG	TGA	0	0
mORF+_361910	361910	362068	+	2	159	TTG	TAA	0	0
mORF+_362022	362022	362051	+	3	30	ATG	TAA	0	0
mORF+_362096	362096	362329	+	2	234	ATG	TAG	0	0
mORF+_362104	362104	362109	+	1	6	TTG	TAA	0	0
mORF+_362112	362112	362126	+	3	15	GTG	TAA	0	0
mORF+_362224	362224	362232	+	1	9	TTG	TAA	0	0
mORF+_362287	362287	362304	+	1	18	ATG	TAG	0	0

mORF_+_362336	362336	362350	+	2	15	ATG	TAA	0	0
mORF_+_362382	362382	362405	+	3	24	TTG	TAA	0	0
mORF_+_362384	362384	362398	+	2	15	GTG	TAG	0	0
mORF_+_362405	362405	362464	+	2	60	ATG	TGA	0	0
mORF_+_362436	362436	362651	+	3	216	ATG	TGA	0	0
mORF_+_362461	362461	362523	+	1	63	TTG	TGA	0	0
mORF_+_362557	362557	362760	+	1	204	ATG	TGA	0	0
mORF_+_362582	362582	362638	+	2	57	GTG	TGA	0	0
mORF_+_362651	362651	362692	+	2	42	ATG	TAA	0	0
mORF_+_362682	362682	362798	+	3	117	GTG	TAA	0	0
mORF_+_362753	362753	362812	+	2	60	ATG	TAG	0	0
mORF_+_362818	362818	362829	+	1	12	TTG	TAA	0	0
mORF_+_362893	362893	362982	+	1	90	ATG	TAA	0	0
mORF_+_362898	362898	362930	+	3	33	GTG	TAA	0	0
mORF_+_362995	362995	363231	+	1	237	ATG	TGA	0	0
mORF_+_363039	363039	363119	+	3	81	GTG	TAG	0	0
mORF_+_363050	363050	363082	+	2	33	GTG	TAA	0	0
mORF_+_363125	363125	363181	+	2	57	ATG	TGA	0	0
mORF_+_363165	363165	363176	+	3	12	GTG	TGA	0	0
mORF_+_363228	363228	363254	+	3	27	GTG	TAA	0	0
mORF_+_363256	363256	363402	+	1	147	TTG	TGA	0	0
mORF_+_363281	363281	363592	+	2	312	ATG	TGA	0	0
mORF_+_363405	363405	363440	+	3	36	ATG	TGA	0	0
mORF_+_363421	363421	363474	+	1	54	TTG	TAG	0	0
mORF_+_363502	363502	363636	+	1	135	TTG	TAA	0	0
mORF_+_363504	363504	363800	+	3	297	GTG	TAA	0	0
mORF_+_363620	363620	363766	+	2	147	ATG	TAA	0	0
mORF_+_363661	363661	363843	+	1	183	GTG	TAA	0	0
mORF_+_363779	363779	363811	+	2	33	TTG	TGA	0	0
mORF_+_363907	363907	363951	+	1	45	GTG	TAG	0	0
mORF_+_363965	363965	364126	+	2	162	TTG	TGA	0	0
mORF_+_364123	364123	364143	+	1	21	GTG	TGA	0	0
mORF_+_364163	364163	364180	+	2	18	ATG	TGA	0	0
mORF_+_364177	364177	364230	+	1	54	GTG	TAG	0	0
mORF_+_364260	364260	364376	+	3	117	TTG	TAA	0	0
mORF_+_364268	364268	364315	+	2	48	ATG	TAG	0	0
mORF_+_364273	364273	364656	+	1	384	GTG	TAG	0	0
mORF_+_364328	364328	364354	+	2	27	GTG	TAA	0	0
mORF_+_364379	364379	364435	+	2	57	TTG	TGA	0	0
mORF_+_364487	364487	364603	+	2	117	TTG	TAG	0	0
mORF_+_364656	364656	364661	+	3	6	GTG	TGA	0	0
mORF_+_364658	364658	364675	+	2	18	GTG	TAA	0	0
mORF_+_364715	364715	364771	+	2	57	GTG	TAG	0	0
mORF_+_364841	364841	364930	+	2	90	GTG	TGA	0	0
mORF_+_364849	364849	364998	+	1	150	ATG	TAA	0	0
mORF_+_364866	364866	364871	+	3	6	GTG	TAG	0	0
mORF_+_365001	365001	365090	+	3	90	ATG	TAA	0	0
mORF_+_365063	365063	365077	+	2	15	TTG	TGA	0	0
mORF_+_365074	365074	365127	+	1	54	ATG	TAG	0	0
mORF_+_365148	365148	365153	+	3	6	ATG	TGA	0	0
mORF_+_365150	365150	365161	+	2	12	GTG	TAA	0	0
mORF_+_365180	365180	365215	+	2	36	GTG	TAG	0	0
mORF_+_365222	365222	365230	+	2	9	TTG	TAG	0	0
mORF_+_365231	365231	365245	+	2	15	ATG	TAA	0	0
mORF_+_365248	365248	365265	+	1	18	GTG	TGA	0	0
mORF_+_365262	365262	365456	+	3	195	TTG	TAA	0	0
mORF_+_365380	365380	365496	+	1	117	TTG	TAA	0	0
mORF_+_365396	365396	365602	+	2	207	GTG	TAA	0	0
mORF_+_365508	365508	365519	+	3	12	GTG	TAA	0	0
mORF_+_365541	365541	365546	+	3	6	GTG	TGA	0	0
mORF_+_365611	365611	365625	+	1	15	GTG	TGA	0	0
mORF_+_365618	365618	365869	+	2	252	ATG	TGA	0	0
mORF_+_365622	365622	365630	+	3	9	GTG	TAA	0	0

mORF_+_365641	365641	365787	+	1	147	TTG	TGA	0	0
mORF_+_365646	365646	365699	+	3	54	TTG	TAA	0	0
mORF_+_365730	365730	365771	+	3	42	TTG	TGA	0	0
mORF_+_365788	365788	365811	+	1	24	TTG	TGA	0	0
mORF_+_365817	365817	365879	+	3	63	TTG	TAA	0	0
mORF_+_365866	365866	365892	+	1	27	TTG	TAA	0	0
mORF_+_365894	365894	365965	+	2	72	ATG	TAA	0	0
mORF_+_365965	365965	365994	+	1	30	ATG	TGA	0	0
mORF_+_365975	365975	366121	+	2	147	TTG	TGA	0	0
mORF_+_365998	365998	366057	+	1	60	TTG	TGA	0	0
mORF_+_366042	366042	366170	+	3	129	TTG	TAA	0	0
mORF_+_366067	366067	366105	+	1	39	ATG	TGA	0	0
mORF_+_366112	366112	366201	+	1	90	TTG	TGA	0	0
mORF_+_366170	366170	366259	+	2	90	ATG	TAA	0	0
mORF_+_366192	366192	366299	+	3	108	TTG	TAA	0	0
mORF_+_366265	366265	366360	+	1	96	TTG	TAG	0	0
mORF_+_366272	366272	366313	+	2	42	GTG	TAG	0	0
mORF_+_366364	366364	366471	+	1	108	ATG	TGA	0	0
mORF_+_366384	366384	366719	+	3	336	TTG	TAA	0	0
mORF_+_366532	366532	366597	+	1	66	GTG	TAA	0	0
mORF_+_366575	366575	366748	+	2	174	GTG	TGA	0	0
mORF_+_366750	366750	366854	+	3	105	TTG	TAG	0	0
mORF_+_366773	366773	367030	+	2	258	ATG	TGA	0	0
mORF_+_366793	366793	366819	+	1	27	TTG	TAA	0	0
mORF_+_366820	366820	366900	+	1	81	ATG	TAG	0	0
mORF_+_366885	366885	367010	+	3	126	TTG	TAG	0	0
mORF_+_366910	366910	367098	+	1	189	ATG	TAA	0	0
mORF_+_367064	367064	367117	+	2	54	TTG	TGA	0	0
mORF_+_367107	367107	367265	+	3	159	GTG	TGA	0	0
mORF_+_367114	367114	367143	+	1	30	TTG	TAA	0	0
mORF_+_367160	367160	367249	+	2	90	TTG	TGA	0	0
mORF_+_367168	367168	367257	+	1	90	TTG	TAA	0	0
mORF_+_367270	367270	367410	+	1	141	GTG	TAA	0	0
mORF_+_367274	367274	367750	+	2	477	GTG	TAA	0	0
mORF_+_367293	367293	367424	+	3	132	TTG	TGA	0	0
mORF_+_367411	367411	367572	+	1	162	TTG	TAA	0	0
mORF_+_367650	367650	367664	+	3	15	TTG	TAG	0	0
mORF_+_367675	367675	367833	+	1	159	GTG	TGA	0	0
mORF_+_367701	367701	367709	+	3	9	ATG	TGA	0	0
mORF_+_367710	367710	367715	+	3	6	TTG	TAG	0	0
mORF_+_367763	367763	367780	+	2	18	ATG	TAA	0	0
mORF_+_367782	367782	367919	+	3	138	TTG	TGA	0	0
mORF_+_367811	367811	367825	+	2	15	TTG	TGA	0	0
mORF_+_367835	367835	369499	+	2	1665	ATG	TGA	0	0
mORF_+_367950	367950	367985	+	3	36	TTG	TGA	0	0
mORF_+_367998	367998	368141	+	3	144	GTG	TGA	0	0
mORF_+_368080	368080	368127	+	1	48	GTG	TGA	0	0
mORF_+_368145	368145	368201	+	3	57	ATG	TGA	0	0
mORF_+_368229	368229	368288	+	3	60	ATG	TGA	0	0
mORF_+_368338	368338	368355	+	1	18	GTG	TGA	0	0
mORF_+_368352	368352	368387	+	3	36	GTG	TGA	0	0
mORF_+_368388	368388	368435	+	3	48	ATG	TAG	0	0
mORF_+_368422	368422	368538	+	1	117	GTG	TGA	0	0
mORF_+_368499	368499	368549	+	3	51	ATG	TGA	0	0
mORF_+_368577	368577	368606	+	3	30	GTG	TAA	0	0
mORF_+_368631	368631	368642	+	3	12	ATG	TGA	0	0
mORF_+_368652	368652	368882	+	3	231	GTG	TGA	0	0
mORF_+_368740	368740	368760	+	1	21	ATG	TAA	0	0
mORF_+_368791	368791	368886	+	1	96	ATG	TGA	0	0
mORF_+_368883	368883	368897	+	3	15	TTG	TGA	0	0
mORF_+_368946	368946	368969	+	3	24	GTG	TGA	0	0
mORF_+_369039	369039	369047	+	3	9	GTG	TGA	0	0
mORF_+_369051	369051	369128	+	3	78	GTG	TGA	0	0

mORF_+_369168	369168	369200	+	3	33	TTG	TGA	0	0	
mORF_+_369178	369178	369288	+	1	111	ATG	TAA	0	0	
mORF_+_369354	369354	369371	+	3	18	ATG	TGA	0	0	
mORF_+_369387	369387	369431	+	3	45	TTG	TGA	0	0	
mORF_+_369468	369468	369494	+	3	27	ATG	TAG	0	0	
mORF_+_369501	369501	370445	+	3	945	ATG	TGA	0	0	
mORF_+_369547	369547	369591	+	1	45	ATG	TGA	0	0	
mORF_+_369592	369592	369684	+	1	93	TTG	TGA	0	0	
mORF_+_369706	369706	369798	+	1	93	TTG	TGA	0	0	
mORF_+_369814	369814	370149	+	1	336	TTG	TGA	0	0	
mORF_+_370168	370168	370227	+	1	60	TTG	TGA	0	0	
mORF_+_370208	370208	370216	+	2	9	TTG	TAA	0	0	
mORF_+_370261	370261	370425	+	1	165	ATG	TAA	0	0	
mORF_+_370400	370400	371329	+	2	930	GTG	TAA	1	2	pORF_+_370400
mORF_+_370509	370509	370514	+	3	6	ATG	TAG	0	0	
mORF_+_370548	370548	370649	+	3	102	ATG	TAG	0	0	
mORF_+_370678	370678	370713	+	1	36	TTG	TAA	0	0	
mORF_+_370716	370716	370751	+	3	36	GTG	TGA	0	0	
mORF_+_370840	370840	370929	+	1	90	ATG	TAA	0	0	
mORF_+_370998	370998	371015	+	3	18	TTG	TGA	0	0	
mORF_+_371028	371028	371042	+	3	15	TTG	TGA	0	0	
mORF_+_371121	371121	371159	+	3	39	TTG	TGA	0	0	
mORF_+_371160	371160	371309	+	3	150	TTG	TGA	0	0	
mORF_+_371272	371272	371358	+	1	87	GTG	TGA	0	0	
mORF_+_371333	371333	372148	+	2	816	ATG	TGA	0	0	
mORF_+_371355	371355	371426	+	3	72	TTG	TGA	0	0	
mORF_+_371427	371427	371471	+	3	45	TTG	TAA	0	0	
mORF_+_371472	371472	371510	+	3	39	ATG	TAG	0	0	
mORF_+_371559	371559	371675	+	3	117	TTG	TGA	0	0	
mORF_+_371596	371596	371610	+	1	15	GTG	TAA	0	0	
mORF_+_371727	371727	371867	+	3	141	TTG	TAG	0	0	
mORF_+_371731	371731	371811	+	1	81	ATG	TAA	0	0	
mORF_+_371935	371935	371955	+	1	21	ATG	TAA	0	0	
mORF_+_371955	371955	372038	+	3	84	ATG	TAG	0	0	
mORF_+_372057	372057	372095	+	3	39	ATG	TAG	0	0	
mORF_+_372102	372102	372152	+	3	51	TTG	TAA	0	0	
mORF_+_372145	372145	373095	+	1	951	ATG	TGA	0	0	
mORF_+_372185	372185	372199	+	2	15	TTG	TGA	0	0	
mORF_+_372248	372248	372322	+	2	75	TTG	TGA	0	0	
mORF_+_372347	372347	372397	+	2	51	TTG	TGA	0	0	
mORF_+_372404	372404	372442	+	2	39	ATG	TAA	0	0	
mORF_+_372443	372443	372451	+	2	9	TTG	TGA	0	0	
mORF_+_372587	372587	372757	+	2	171	GTG	TGA	0	0	
mORF_+_372764	372764	372784	+	2	21	GTG	TGA	0	0	
mORF_+_372803	372803	372871	+	2	69	ATG	TGA	0	0	
mORF_+_372887	372887	372949	+	2	63	TTG	TGA	0	0	
mORF_+_373001	373001	373024	+	2	24	ATG	TGA	0	0	
mORF_+_373031	373031	373102	+	2	72	GTG	TAA	0	0	
mORF_+_373092	373092	374105	+	3	1014	ATG	TAA	0	0	
mORF_+_373132	373132	373323	+	1	192	GTG	TGA	0	0	
mORF_+_373295	373295	373303	+	2	9	ATG	TGA	0	0	
mORF_+_373384	373384	373503	+	1	120	ATG	TGA	0	0	
mORF_+_373567	373567	373608	+	1	42	GTG	TGA	0	0	
mORF_+_373624	373624	373644	+	1	21	GTG	TGA	0	0	
mORF_+_373702	373702	373863	+	1	162	TTG	TAA	0	0	
mORF_+_373867	373867	374004	+	1	138	ATG	TAA	0	0	
mORF_+_374005	374005	374067	+	1	63	GTG	TGA	0	0	
mORF_+_374071	374071	374169	+	1	99	TTG	TGA	0	0	
mORF_+_374105	374105	374227	+	2	123	ATG	TAG	0	0	
mORF_+_374130	374130	374198	+	3	69	TTG	TGA	0	0	
mORF_+_374203	374203	374208	+	1	6	TTG	TAG	0	0	
mORF_+_374260	374260	374328	+	1	69	ATG	TAG	0	0	
mORF_+_374267	374267	374371	+	2	105	GTG	TGA	0	0	

mORF_+_374304	374304	374309	+	3	6	TTG	TAG	0	0	
mORF_+_374361	374361	374429	+	3	69	ATG	TAG	0	0	
mORF_+_374368	374368	374472	+	1	105	GTG	TAA	0	0	
mORF_+_374405	374405	374410	+	2	6	TTG	TAG	0	0	
mORF_+_374462	374462	374530	+	2	69	ATG	TAG	0	0	
mORF_+_374493	374493	374828	+	3	336	ATG	TAA	0	0	
mORF_+_374506	374506	374511	+	1	6	TTG	TAG	0	0	
mORF_+_374563	374563	374571	+	1	9	ATG	TAA	0	0	
mORF_+_374638	374638	375894	+	1	1257	ATG	TGA	1	2	pORF_+_374638
mORF_+_374789	374789	374932	+	2	144	TTG	TGA	0	0	
mORF_+_374933	374933	375016	+	2	84	TTG	TGA	0	0	
mORF_+_375023	375023	375064	+	2	42	GTG	TGA	0	0	
mORF_+_375092	375092	375106	+	2	15	GTG	TGA	0	0	
mORF_+_375117	375117	375509	+	3	393	TTG	TAA	0	0	
mORF_+_375122	375122	375178	+	2	57	GTG	TAG	0	0	
mORF_+_375203	375203	375220	+	2	18	GTG	TGA	0	0	
mORF_+_375299	375299	375385	+	2	87	GTG	TGA	0	0	
mORF_+_375452	375452	375487	+	2	36	TTG	TAA	0	0	
mORF_+_375572	375572	375724	+	2	153	TTG	TAG	0	0	
mORF_+_375824	375824	375853	+	2	30	TTG	TGA	0	0	
mORF_+_375879	375879	376535	+	3	657	GTG	TAA	11	51	pORF_+_375879
mORF_+_375887	375887	375907	+	2	21	ATG	TAG	0	0	
mORF_+_376102	376102	376122	+	1	21	GTG	TAG	0	0	
mORF_+_376144	376144	376215	+	1	72	TTG	TGA	0	0	
mORF_+_376225	376225	376233	+	1	9	TTG	TGA	0	0	
mORF_+_376246	376246	376290	+	1	45	TTG	TGA	0	0	
mORF_+_376303	376303	376332	+	1	30	TTG	TGA	0	0	
mORF_+_376336	376336	376449	+	1	114	ATG	TAG	0	0	
mORF_+_376483	376483	376527	+	1	45	ATG	TGA	0	0	
mORF_+_376529	376529	376564	+	2	36	GTG	TGA	0	0	
mORF_+_376549	376549	376860	+	1	312	GTG	TAA	0	0	
mORF_+_376557	376557	376664	+	3	108	ATG	TGA	0	0	
mORF_+_376574	376574	376615	+	2	42	ATG	TAG	0	0	
mORF_+_376664	376664	376789	+	2	126	ATG	TAG	0	0	
mORF_+_376674	376674	376715	+	3	42	TTG	TAG	0	0	
mORF_+_376865	376865	376924	+	2	60	TTG	TAA	0	0	
mORF_+_376899	376899	376955	+	3	57	TTG	TGA	0	0	
mORF_+_376952	376952	376972	+	2	21	ATG	TGA	0	0	
mORF_+_376969	376969	376980	+	1	12	TTG	TGA	0	0	
mORF_+_376977	376977	376985	+	3	9	GTG	TAA	0	0	
mORF_+_377034	377034	377105	+	3	72	ATG	TGA	0	0	
mORF_+_377047	377047	377127	+	1	81	TTG	TAA	0	0	
mORF_+_377081	377081	377164	+	2	84	ATG	TGA	0	0	
mORF_+_377161	377161	377211	+	1	51	ATG	TAA	0	0	
mORF_+_377180	377180	377200	+	2	21	TTG	TGA	0	0	
mORF_+_377187	377187	377372	+	3	186	TTG	TAA	0	0	
mORF_+_377225	377225	377236	+	2	12	TTG	TAG	0	0	
mORF_+_377246	377246	377251	+	2	6	TTG	TAA	0	0	
mORF_+_377251	377251	377445	+	1	195	ATG	TGA	0	0	
mORF_+_377351	377351	377392	+	2	42	GTG	TAA	0	0	
mORF_+_377414	377414	377497	+	2	84	ATG	TAG	0	0	
mORF_+_377484	377484	377570	+	3	87	TTG	TGA	0	0	
mORF_+_377527	377527	377613	+	1	87	TTG	TAA	0	0	
mORF_+_377582	377582	377659	+	2	78	ATG	TGA	0	0	
mORF_+_377661	377661	377747	+	3	87	GTG	TAA	0	0	
mORF_+_377708	377708	377917	+	2	210	ATG	TGA	0	0	
mORF_+_377722	377722	377829	+	1	108	ATG	TAA	0	0	
mORF_+_377895	377895	377939	+	3	45	ATG	TGA	0	0	
mORF_+_377936	377936	377950	+	2	15	ATG	TGA	0	0	
mORF_+_377962	377962	378705	+	1	744	GTG	TAG	1	2	pORF_+_377962
mORF_+_377993	377993	378076	+	2	84	TTG	TAG	0	0	
mORF_+_378089	378089	378175	+	2	87	ATG	TGA	0	0	
mORF_+_378254	378254	378394	+	2	141	GTG	TAG	0	0	

mORF_+_378318	378318	378332	+	3	15	TTG	TAA	0	0
mORF_+_378336	378336	378374	+	3	39	TTG	TGA	0	0
mORF_+_378375	378375	378380	+	3	6	ATG	TAG	0	0
mORF_+_378413	378413	378418	+	2	6	TTG	TAA	0	0
mORF_+_378428	378428	378535	+	2	108	GTG	TAA	0	0
mORF_+_378560	378560	378613	+	2	54	TTG	TGA	0	0
mORF_+_378663	378663	378695	+	3	33	ATG	TGA	0	0
mORF_+_378692	378692	378820	+	2	129	GTG	TAA	0	0
mORF_+_378723	378723	378842	+	3	120	GTG	TAG	0	0
mORF_+_378814	378814	378837	+	1	24	ATG	TAA	0	0
mORF_+_378861	378861	378896	+	3	36	GTG	TAG	0	0
mORF_+_378875	378875	379177	+	2	303	TTG	TAG	0	0
mORF_+_378993	378993	379184	+	3	192	ATG	TAA	0	0
mORF_+_379208	379208	379276	+	2	69	GTG	TAG	0	0
mORF_+_379212	379212	379250	+	3	39	ATG	TAA	0	0
mORF_+_379323	379323	379496	+	3	174	TTG	TAG	0	0
mORF_+_379346	379346	379390	+	2	45	TTG	TAA	0	0
mORF_+_379351	379351	379410	+	1	60	GTG	TGA	0	0
mORF_+_379435	379435	379446	+	1	12	ATG	TAG	0	0
mORF_+_379448	379448	379609	+	2	162	GTG	TGA	0	0
mORF_+_379471	379471	379476	+	1	6	GTG	TAA	0	0
mORF_+_379503	379503	379631	+	3	129	TTG	TGA	0	0
mORF_+_379516	379516	379560	+	1	45	GTG	TAA	0	0
mORF_+_379606	379606	379626	+	1	21	GTG	TAG	0	0
mORF_+_379628	379628	379678	+	2	51	GTG	TAG	0	0
mORF_+_379641	379641	379715	+	3	75	TTG	TAA	0	0
mORF_+_379678	379678	379683	+	1	6	GTG	TAG	0	0
mORF_+_379696	379696	379737	+	1	42	GTG	TGA	0	0
mORF_+_379709	379709	379729	+	2	21	TTG	TAA	0	0
mORF_+_379796	379796	379852	+	2	57	TTG	TGA	0	0
mORF_+_379843	379843	379869	+	1	27	GTG	TAA	0	0
mORF_+_379854	379854	379943	+	3	90	ATG	TAA	0	0
mORF_+_379904	379904	379978	+	2	75	TTG	TAA	0	0
mORF_+_379951	379951	379959	+	1	9	TTG	TGA	0	0
mORF_+_379956	379956	380006	+	3	51	ATG	TAA	0	0
mORF_+_379996	379996	380016	+	1	21	ATG	TAA	0	0
mORF_+_380024	380024	380032	+	2	9	ATG	TAA	0	0
mORF_+_380035	380035	380103	+	1	69	ATG	TGA	0	0
mORF_+_380100	380100	380117	+	3	18	GTG	TAG	0	0
mORF_+_380152	380152	380211	+	1	60	TTG	TGA	0	0
mORF_+_380156	380156	380227	+	2	72	GTG	TAA	0	0
mORF_+_380208	380208	380252	+	3	45	GTG	TAG	0	0
mORF_+_380302	380302	380331	+	1	30	ATG	TAA	0	0
mORF_+_380322	380322	380366	+	3	45	GTG	TAA	0	0
mORF_+_380371	380371	380499	+	1	129	TTG	TGA	0	0
mORF_+_380385	380385	380402	+	3	18	TTG	TAA	0	0
mORF_+_380420	380420	380479	+	2	60	GTG	TAA	0	0
mORF_+_380454	380454	380471	+	3	18	TTG	TAA	0	0
mORF_+_380530	380530	380940	+	1	411	GTG	TAA	0	0
mORF_+_380564	380564	380578	+	2	15	TTG	TGA	0	0
mORF_+_380579	380579	380590	+	2	12	TTG	TAG	0	0
mORF_+_380636	380636	380665	+	2	30	TTG	TGA	0	0
mORF_+_380678	380678	380698	+	2	21	TTG	TAG	0	0
mORF_+_380774	380774	380806	+	2	33	TTG	TGA	0	0
mORF_+_380855	380855	380905	+	2	51	ATG	TAG	0	0
mORF_+_380898	380898	381803	+	3	906	GTG	TAG	0	0
mORF_+_380930	380930	381007	+	2	78	ATG	TGA	0	0
mORF_+_380971	380971	381264	+	1	294	GTG	TGA	0	0
mORF_+_381110	381110	381142	+	2	33	ATG	TGA	0	0
mORF_+_381281	381281	381292	+	2	12	ATG	TGA	0	0
mORF_+_381310	381310	381486	+	1	177	GTG	TGA	0	0
mORF_+_381479	381479	381493	+	2	15	GTG	TAA	0	0
mORF_+_381493	381493	381594	+	1	102	ATG	TAG	0	0

mORF_+_381500	381500	381514	+	2	15	ATG	TAA	0	0
mORF_+_381622	381622	381660	+	1	39	GTG	TAA	0	0
mORF_+_381676	381676	381777	+	1	102	TTG	TAA	0	0
mORF_+_381704	381704	381718	+	2	15	ATG	TAG	0	0
mORF_+_381764	381764	381769	+	2	6	TTG	TAA	0	0
mORF_+_381778	381778	381861	+	1	84	GTG	TAA	0	0
mORF_+_381788	381788	381994	+	2	207	ATG	TGA	0	0
mORF_+_381991	381991	382011	+	1	21	GTG	TAA	0	0
mORF_+_382002	382002	382019	+	3	18	TTG	TGA	0	0
mORF_+_382016	382016	382078	+	2	63	TTG	TAA	0	0
mORF_+_382045	382045	382062	+	1	18	GTG	TGA	0	0
mORF_+_382108	382108	382116	+	1	9	ATG	TAA	0	0
mORF_+_382173	382173	382364	+	3	192	ATG	TAA	0	0
mORF_+_382235	382235	382267	+	2	33	TTG	TGA	0	0
mORF_+_382261	382261	382296	+	1	36	GTG	TAA	0	0
mORF_+_382374	382374	382637	+	3	264	ATG	TAG	0	0
mORF_+_382444	382444	382494	+	1	51	TTG	TAG	0	0
mORF_+_382454	382454	382519	+	2	66	GTG	TGA	0	0
mORF_+_382516	382516	382770	+	1	255	GTG	TAG	0	0
mORF_+_382613	382613	382651	+	2	39	GTG	TAA	0	0
mORF_+_382683	382683	382691	+	3	9	GTG	TAA	0	0
mORF_+_382782	382782	382817	+	3	36	TTG	TAA	0	0
mORF_+_382801	382801	382842	+	1	42	GTG	TAA	0	0
mORF_+_382843	382843	382992	+	1	150	TTG	TAA	0	0
mORF_+_382884	382884	383006	+	3	123	TTG	TAG	0	0
mORF_+_383015	383015	383056	+	2	42	GTG	TAA	0	0
mORF_+_383056	383056	383082	+	1	27	ATG	TGA	0	0
mORF_+_383079	383079	383099	+	3	21	TTG	TAG	0	0
mORF_+_383123	383123	383143	+	2	21	TTG	TAA	0	0
mORF_+_383128	383128	383187	+	1	60	ATG	TGA	0	0
mORF_+_383165	383165	383218	+	2	54	TTG	TGA	0	0
mORF_+_383184	383184	383303	+	3	120	ATG	TAA	0	0
mORF_+_383215	383215	383262	+	1	48	TTG	TGA	0	0
mORF_+_383237	383237	383317	+	2	81	GTG	TGA	0	0
mORF_+_383314	383314	383355	+	1	42	TTG	TGA	0	0
mORF_+_383363	383363	383410	+	2	48	ATG	TAG	0	0
mORF_+_383400	383400	383429	+	3	30	TTG	TGA	0	0
mORF_+_383426	383426	383494	+	2	69	TTG	TGA	0	0
mORF_+_383433	383433	383564	+	3	132	TTG	TAA	0	0
mORF_+_383476	383476	383517	+	1	42	ATG	TGA	0	0
mORF_+_383524	383524	383568	+	1	45	ATG	TGA	0	0
mORF_+_383565	383565	383615	+	3	51	ATG	TAA	0	0
mORF_+_383575	383575	383595	+	1	21	GTG	TGA	0	0
mORF_+_383629	383629	383706	+	1	78	TTG	TAA	0	0
mORF_+_383643	383643	383750	+	3	108	ATG	TAA	0	0
mORF_+_383735	383735	383779	+	2	45	ATG	TAG	0	0
mORF_+_383766	383766	383822	+	3	57	ATG	TGA	0	0
mORF_+_383801	383801	383923	+	2	123	TTG	TAA	0	0
mORF_+_383844	383844	383900	+	3	57	ATG	TAA	0	0
mORF_+_383917	383917	383937	+	1	21	ATG	TAA	0	0
mORF_+_383931	383931	383954	+	3	24	ATG	TGA	0	0
mORF_+_383938	383938	384018	+	1	81	ATG	TAA	0	0
mORF_+_383976	383976	383993	+	3	18	GTG	TAA	0	0
mORF_+_383993	383993	384043	+	2	51	ATG	TAG	0	0
mORF_+_384012	384012	384119	+	3	108	ATG	TGA	0	0
mORF_+_384019	384019	384081	+	1	63	GTG	TAG	0	0
mORF_+_384071	384071	384076	+	2	6	ATG	TGA	0	0
mORF_+_384083	384083	384103	+	2	21	TTG	TAA	0	0
mORF_+_384094	384094	384147	+	1	54	TTG	TGA	0	0
mORF_+_384116	384116	384202	+	2	87	GTG	TAA	0	0
mORF_+_384144	384144	384164	+	3	21	GTG	TGA	0	0
mORF_+_384148	384148	384153	+	1	6	ATG	TAA	0	0
mORF_+_384165	384165	384182	+	3	18	TTG	TGA	0	0

mORF_+_384215	384215	384223	+	2	9	ATG	TGA	0	0	
mORF_+_384220	384220	384246	+	1	27	TTG	TAA	0	0	
mORF_+_384258	384258	384281	+	3	24	ATG	TAA	0	0	
mORF_+_384260	384260	384286	+	2	27	GTG	TGA	0	0	
mORF_+_384283	384283	384312	+	1	30	ATG	TAG	0	0	
mORF_+_384288	384288	384293	+	3	6	GTG	TAG	0	0	
mORF_+_384306	384306	384383	+	3	78	TTG	TAA	0	0	
mORF_+_384323	384323	384334	+	2	12	TTG	TAA	0	0	
mORF_+_384399	384399	385418	+	3	1020	ATG	TAA	1	4	pORF_+_384399
mORF_+_384403	384403	384525	+	1	123	ATG	TGA	0	0	
mORF_+_384589	384589	384705	+	1	117	TTG	TAG	0	0	
mORF_+_384709	384709	384786	+	1	78	TTG	TAA	0	0	
mORF_+_384817	384817	384879	+	1	63	TTG	TGA	0	0	
mORF_+_384913	384913	384918	+	1	6	TTG	TGA	0	0	
mORF_+_384964	384964	385026	+	1	63	TTG	TGA	0	0	
mORF_+_385049	385049	385111	+	2	63	GTG	TGA	0	0	
mORF_+_385093	385093	385119	+	1	27	TTG	TGA	0	0	
mORF_+_385144	385144	385185	+	1	42	ATG	TGA	0	0	
mORF_+_385178	385178	385234	+	2	57	GTG	TGA	0	0	
mORF_+_385237	385237	385257	+	1	21	GTG	TGA	0	0	
mORF_+_385378	385378	385497	+	1	120	ATG	TGA	0	0	
mORF_+_385431	385431	386198	+	3	768	ATG	TGA	1	0	pORF_+_385431
mORF_+_385570	385570	385653	+	1	84	TTG	TAG	0	0	
mORF_+_385663	385663	385731	+	1	69	ATG	TAG	0	0	
mORF_+_385679	385679	386023	+	2	345	GTG	TGA	0	0	
mORF_+_385822	385822	385947	+	1	126	GTG	TGA	0	0	
mORF_+_386053	386053	386163	+	1	111	GTG	TAA	0	0	
mORF_+_386173	386173	386211	+	1	39	TTG	TAA	0	0	
mORF_+_386195	386195	387022	+	2	828	ATG	TGA	1	2	pORF_+_386195
mORF_+_386199	386199	386237	+	3	39	GTG	TGA	0	0	
mORF_+_386239	386239	386337	+	1	99	ATG	TAG	0	0	
mORF_+_386277	386277	386288	+	3	12	TTG	TAG	0	0	
mORF_+_386388	386388	386447	+	3	60	TTG	TGA	0	0	
mORF_+_386422	386422	386517	+	1	96	GTG	TAG	0	0	
mORF_+_386469	386469	386549	+	3	81	TTG	TAA	0	0	
mORF_+_386607	386607	386639	+	3	33	TTG	TGA	0	0	
mORF_+_386655	386655	386690	+	3	36	TTG	TGA	0	0	
mORF_+_386715	386715	386852	+	3	138	GTG	TGA	0	0	
mORF_+_386755	386755	386898	+	1	144	GTG	TGA	0	0	
mORF_+_386853	386853	386873	+	3	21	TTG	TAG	0	0	
mORF_+_386895	386895	386939	+	3	45	GTG	TGA	0	0	
mORF_+_386940	386940	386963	+	3	24	TTG	TAG	0	0	
mORF_+_387006	387006	387026	+	3	21	ATG	TGA	0	0	
mORF_+_387019	387019	387870	+	1	852	ATG	TAA	1	2	pORF_+_387019
mORF_+_387023	387023	387034	+	2	12	GTG	TGA	0	0	
mORF_+_387077	387077	387088	+	2	12	GTG	TGA	0	0	
mORF_+_387113	387113	387325	+	2	213	TTG	TGA	0	0	
mORF_+_387332	387332	387457	+	2	126	TTG	TGA	0	0	
mORF_+_387458	387458	387601	+	2	144	GTG	TGA	0	0	
mORF_+_387620	387620	387625	+	2	6	TTG	TGA	0	0	
mORF_+_387626	387626	387658	+	2	33	ATG	TGA	0	0	
mORF_+_387695	387695	387775	+	2	81	TTG	TGA	0	0	
mORF_+_387759	387759	387767	+	3	9	TTG	TAA	0	0	
mORF_+_387785	387785	387820	+	2	36	ATG	TAA	0	0	
mORF_+_387839	387839	387919	+	2	81	TTG	TGA	0	0	
mORF_+_387916	387916	388023	+	1	108	GTG	TGA	0	0	
mORF_+_388188	388188	388295	+	3	108	ATG	TGA	0	0	
mORF_+_388252	388252	388386	+	1	135	GTG	TAA	0	0	
mORF_+_388302	388302	388352	+	3	51	TTG	TAA	0	0	
mORF_+_388368	388368	388424	+	3	57	TTG	TGA	0	0	
mORF_+_388467	388467	388568	+	3	102	ATG	TGA	0	0	
mORF_+_388502	388502	388513	+	2	12	TTG	TAA	0	0	
mORF_+_388544	388544	388603	+	2	60	ATG	TGA	0	0	

mORF+_388578	388578	388706	+	3	129	GTG	TGA	0	0
mORF+_388700	388700	388942	+	2	243	ATG	TAA	0	0
mORF+_388710	388710	388823	+	3	114	ATG	TAG	0	0
mORF+_388765	388765	388869	+	1	105	GTG	TAA	0	0
mORF+_388876	388876	388896	+	1	21	GTG	TAG	0	0
mORF+_388914	388914	389036	+	3	123	TTG	TGA	0	0
mORF+_388966	388966	388986	+	1	21	TTG	TAG	0	0
mORF+_389008	389008	389130	+	1	123	ATG	TAG	0	0
mORF+_389030	389030	389185	+	2	156	ATG	TAA	0	0
mORF+_389134	389134	389172	+	1	39	TTG	TAA	0	0
mORF+_389148	389148	389177	+	3	30	TTG	TGA	0	0
mORF+_389190	389190	389324	+	3	135	TTG	TAA	0	0
mORF+_389221	389221	389232	+	1	12	TTG	TGA	0	0
mORF+_389275	389275	389367	+	1	93	ATG	TGA	0	0
mORF+_389288	389288	389299	+	2	12	GTG	TGA	0	0
mORF+_389309	389309	389392	+	2	84	GTG	TAA	0	0
mORF+_389364	389364	389399	+	3	36	TTG	TAG	0	0
mORF+_389413	389413	389430	+	1	18	ATG	TGA	0	0
mORF+_389427	389427	389471	+	3	45	TTG	TGA	0	0
mORF+_389434	389434	389502	+	1	69	TTG	TAG	0	0
mORF+_389468	389468	389551	+	2	84	ATG	TAA	0	0
mORF+_389475	389475	390935	+	3	1461	ATG	TGA	0	0
mORF+_389551	389551	389637	+	1	87	ATG	TAG	0	0
mORF+_389606	389606	389623	+	2	18	TTG	TAA	0	0
mORF+_389638	389638	389652	+	1	15	ATG	TAA	0	0
mORF+_389659	389659	389751	+	1	93	GTG	TGA	0	0
mORF+_389755	389755	389805	+	1	51	ATG	TGA	0	0
mORF+_389845	389845	389946	+	1	102	ATG	TGA	0	0
mORF+_389950	389950	390021	+	1	72	TTG	TAA	0	0
mORF+_390034	390034	390081	+	1	48	ATG	TAG	0	0
mORF+_390115	390115	390201	+	1	87	TTG	TAA	0	0
mORF+_390179	390179	390187	+	2	9	TTG	TAA	0	0
mORF+_390253	390253	390357	+	1	105	ATG	TGA	0	0
mORF+_390364	390364	390390	+	1	27	ATG	TGA	0	0
mORF+_390394	390394	390468	+	1	75	GTG	TGA	0	0
mORF+_390485	390485	390493	+	2	9	TTG	TGA	0	0
mORF+_390493	390493	390519	+	1	27	ATG	TAA	0	0
mORF+_390545	390545	390568	+	2	24	GTG	TAA	0	0
mORF+_390550	390550	390696	+	1	147	TTG	TAG	0	0
mORF+_390716	390716	390745	+	2	30	ATG	TGA	0	0
mORF+_390742	390742	390753	+	1	12	TTG	TGA	0	0
mORF+_390763	390763	390798	+	1	36	ATG	TAA	0	0
mORF+_390841	390841	390876	+	1	36	TTG	TGA	0	0
mORF+_390898	390898	390906	+	1	9	TTG	TGA	0	0
mORF+_390920	390920	390931	+	2	12	GTG	TGA	0	0
mORF+_390932	390932	390949	+	2	18	TTG	TAA	0	0
mORF+_390951	390951	391226	+	3	276	ATG	TGA	0	0
mORF+_390976	390976	391038	+	1	63	TTG	TAA	0	0
mORF+_391064	391064	391087	+	2	24	TTG	TGA	0	0
mORF+_391169	391169	391261	+	2	93	TTG	TAA	0	0
mORF+_391249	391249	391254	+	1	6	GTG	TGA	0	0
mORF+_391251	391251	391343	+	3	93	GTG	TGA	0	0
mORF+_391327	391327	391461	+	1	135	ATG	TAA	0	0
mORF+_391331	391331	391354	+	2	24	GTG	TAA	0	0
mORF+_391361	391361	391378	+	2	18	GTG	TGA	0	0
mORF+_391500	391500	391652	+	3	153	GTG	TGA	0	0
mORF+_391502	391502	391516	+	2	15	GTG	TGA	0	0
mORF+_391541	391541	391591	+	2	51	TTG	TAA	0	0
mORF+_391628	391628	391660	+	2	33	GTG	TAA	0	0
mORF+_391686	391686	391961	+	3	276	GTG	TGA	0	0
mORF+_391708	391708	391731	+	1	24	GTG	TGA	0	0
mORF+_391718	391718	391786	+	2	69	TTG	TGA	0	0
mORF+_391783	391783	391803	+	1	21	TTG	TGA	0	0

mORF_+_391849	391849	391872	+	1	24	ATG	TAG	0	0
mORF_+_391862	391862	391996	+	2	135	TTG	TGA	0	0
mORF_+_391912	391912	391926	+	1	15	GTG	TAG	0	0
mORF_+_391983	391983	391988	+	3	6	TTG	TAG	0	0
mORF_+_391993	391993	392010	+	1	18	GTG	TGA	0	0
mORF_+_392037	392037	392129	+	3	93	ATG	TGA	0	0
mORF_+_392081	392081	392110	+	2	30	ATG	TGA	0	0
mORF_+_392107	392107	392160	+	1	54	TTG	TAG	0	0
mORF_+_392126	392126	392140	+	2	15	GTG	TGA	0	0
mORF_+_392165	392165	392185	+	2	21	GTG	TAA	0	0
mORF_+_392175	392175	392228	+	3	54	TTG	TAA	0	0
mORF_+_392234	392234	392248	+	2	15	GTG	TGA	0	0
mORF_+_392239	392239	393642	+	1	1404	TTG	TAA	0	0
mORF_+_392252	392252	392299	+	2	48	TTG	TGA	0	0
mORF_+_392342	392342	392377	+	2	36	GTG	TGA	0	0
mORF_+_392438	392438	392449	+	2	12	TTG	TGA	0	0
mORF_+_392456	392456	392467	+	2	12	ATG	TGA	0	0
mORF_+_392528	392528	392626	+	2	99	ATG	TAA	0	0
mORF_+_392678	392678	392740	+	2	63	GTG	TGA	0	0
mORF_+_392813	392813	392827	+	2	15	TTG	TGA	0	0
mORF_+_392840	392840	392872	+	2	33	ATG	TAA	0	0
mORF_+_392865	392865	392888	+	3	24	ATG	TAA	0	0
mORF_+_392882	392882	393025	+	2	144	GTG	TGA	0	0
mORF_+_392982	392982	393014	+	3	33	GTG	TAA	0	0
mORF_+_393026	393026	393121	+	2	96	ATG	TGA	0	0
mORF_+_393176	393176	393217	+	2	42	TTG	TGA	0	0
mORF_+_393201	393201	393245	+	3	45	TTG	TGA	0	0
mORF_+_393242	393242	393259	+	2	18	GTG	TGA	0	0
mORF_+_393296	393296	393313	+	2	18	GTG	TGA	0	0
mORF_+_393329	393329	393373	+	2	45	TTG	TAG	0	0
mORF_+_393374	393374	393415	+	2	42	ATG	TGA	0	0
mORF_+_393467	393467	393472	+	2	6	ATG	TGA	0	0
mORF_+_393515	393515	393598	+	2	84	GTG	TAG	0	0
mORF_+_393623	393623	393676	+	2	54	GTG	TAA	0	0
mORF_+_393685	393685	394353	+	1	669	ATG	TAA	0	0
mORF_+_393761	393761	393874	+	2	114	TTG	TAG	0	0
mORF_+_393777	393777	393812	+	3	36	ATG	TAA	0	0
mORF_+_393953	393953	393961	+	2	9	ATG	TAA	0	0
mORF_+_394002	394002	394049	+	3	48	TTG	TGA	0	0
mORF_+_394046	394046	394087	+	2	42	TTG	TAG	0	0
mORF_+_394130	394130	394177	+	2	48	TTG	TGA	0	0
mORF_+_394178	394178	394216	+	2	39	TTG	TGA	0	0
mORF_+_394409	394409	394504	+	2	96	TTG	TAG	0	0
mORF_+_394508	394508	394537	+	2	30	ATG	TGA	0	0
mORF_+_394601	394601	394648	+	2	48	TTG	TGA	0	0
mORF_+_394664	394664	394690	+	2	27	ATG	TGA	0	0
mORF_+_394701	394701	394880	+	3	180	ATG	TAA	0	0
mORF_+_394742	394742	394750	+	2	9	GTG	TAG	0	0
mORF_+_394778	394778	394831	+	2	54	GTG	TGA	0	0
mORF_+_394844	394844	394849	+	2	6	GTG	TAG	0	0
mORF_+_394850	394850	394906	+	2	57	GTG	TAA	0	0
mORF_+_394910	394910	394975	+	2	66	TTG	TGA	0	0
mORF_+_394929	394929	394961	+	3	33	GTG	TAG	0	0
mORF_+_395023	395023	395178	+	1	156	TTG	TAG	0	0
mORF_+_395034	395034	395114	+	3	81	TTG	TGA	0	0
mORF_+_395111	395111	395140	+	2	30	TTG	TAG	0	0
mORF_+_395142	395142	395249	+	3	108	TTG	TGA	0	0
mORF_+_395243	395243	395317	+	2	75	TTG	TAA	0	0
mORF_+_395366	395366	395383	+	2	18	GTG	TAA	0	0
mORF_+_395389	395389	395469	+	1	81	ATG	TGA	0	0
mORF_+_395435	395435	395545	+	2	111	GTG	TGA	0	0
mORF_+_395466	395466	395531	+	3	66	ATG	TGA	0	0
mORF_+_395532	395532	395567	+	3	36	ATG	TGA	0	0

mORF_+_395564	395564	395614	+	2	51	TTG	TAA	0	0	
mORF_+_395572	395572	395589	+	1	18	TTG	TAG	0	0	
mORF_+_395589	395589	395597	+	3	9	GTG	TAA	0	0	
mORF_+_395649	395649	395843	+	3	195	ATG	TAA	0	0	
mORF_+_395659	395659	395664	+	1	6	TTG	TGA	0	0	
mORF_+_395687	395687	395692	+	2	6	ATG	TAA	0	0	
mORF_+_395705	395705	395710	+	2	6	TTG	TGA	0	0	
mORF_+_395707	395707	395751	+	1	45	GTG	TAA	0	0	
mORF_+_395762	395762	395803	+	2	42	ATG	TAG	0	0	
mORF_+_395809	395809	395835	+	1	27	ATG	TAA	0	0	
mORF_+_395857	395857	397083	+	1	1227	GTG	TAA	0	0	
mORF_+_395916	395916	395960	+	3	45	TTG	TGA	0	0	
mORF_+_395927	395927	396037	+	2	111	TTG	TGA	0	0	
mORF_+_396056	396056	396067	+	2	12	TTG	TAG	0	0	
mORF_+_396060	396060	396212	+	3	153	TTG	TGA	0	0	
mORF_+_396074	396074	396142	+	2	69	TTG	TGA	0	0	
mORF_+_396197	396197	396217	+	2	21	ATG	TGA	0	0	
mORF_+_396293	396293	396301	+	2	9	TTG	TGA	0	0	
mORF_+_396317	396317	396325	+	2	9	GTG	TGA	0	0	
mORF_+_396335	396335	396373	+	2	39	TTG	TGA	0	0	
mORF_+_396431	396431	396505	+	2	75	GTG	TGA	0	0	
mORF_+_396548	396548	396595	+	2	48	ATG	TGA	0	0	
mORF_+_396596	396596	396619	+	2	24	TTG	TGA	0	0	
mORF_+_396683	396683	396688	+	2	6	GTG	TAG	0	0	
mORF_+_396716	396716	396916	+	2	201	ATG	TGA	0	0	
mORF_+_396938	396938	396970	+	2	33	TTG	TGA	0	0	
mORF_+_396978	396978	396995	+	3	18	ATG	TGA	0	0	
mORF_+_396992	396992	397000	+	2	9	TTG	TGA	0	0	
mORF_+_397028	397028	397066	+	2	39	TTG	TAA	0	0	
mORF_+_397096	397096	398190	+	1	1095	ATG	TGA	1	2	pORF_+_397096
mORF_+_397155	397155	397160	+	3	6	GTG	TAG	0	0	
mORF_+_397205	397205	397210	+	2	6	ATG	TAG	0	0	
mORF_+_397256	397256	397390	+	2	135	ATG	TAA	0	0	
mORF_+_397412	397412	397468	+	2	57	TTG	TAA	0	0	
mORF_+_397547	397547	397558	+	2	12	TTG	TGA	0	0	
mORF_+_397589	397589	397750	+	2	162	TTG	TGA	0	0	
mORF_+_397671	397671	397769	+	3	99	GTG	TAG	0	0	
mORF_+_397787	397787	397864	+	2	78	TTG	TGA	0	0	
mORF_+_397880	397880	397888	+	2	9	GTG	TAA	0	0	
mORF_+_397994	397994	398131	+	2	138	GTG	TGA	0	0	
mORF_+_398144	398144	398158	+	2	15	TTG	TAG	0	0	
mORF_+_398175	398175	398216	+	3	42	TTG	TAA	0	0	
mORF_+_398201	398201	398245	+	2	45	ATG	TAA	0	0	
mORF_+_398261	398261	398281	+	2	21	ATG	TAG	0	0	
mORF_+_398298	398298	398405	+	3	108	ATG	TAG	0	0	
mORF_+_398365	398365	398526	+	1	162	GTG	TAA	0	0	
mORF_+_398417	398417	398425	+	2	9	ATG	TAA	0	0	
mORF_+_398438	398438	398500	+	2	63	TTG	TGA	0	0	
mORF_+_398484	398484	398621	+	3	138	ATG	TGA	0	0	
mORF_+_398536	398536	398547	+	1	12	TTG	TGA	0	0	
mORF_+_398591	398591	398596	+	2	6	GTG	TGA	0	0	
mORF_+_398593	398593	398658	+	1	66	GTG	TAA	0	0	
mORF_+_398609	398609	398701	+	2	93	ATG	TGA	0	0	
mORF_+_398652	398652	398663	+	3	12	ATG	TGA	0	0	
mORF_+_398685	398685	399029	+	3	345	GTG	TAA	0	0	
mORF_+_398698	398698	398727	+	1	30	GTG	TAA	0	0	
mORF_+_398770	398770	398820	+	1	51	TTG	TGA	0	0	
mORF_+_398842	398842	398955	+	1	114	GTG	TGA	0	0	
mORF_+_398927	398927	398968	+	2	42	TTG	TAG	0	0	
mORF_+_399004	399004	399048	+	1	45	ATG	TAA	0	0	
mORF_+_399058	399058	399120	+	1	63	TTG	TGA	0	0	
mORF_+_399060	399060	399089	+	3	30	GTG	TGA	0	0	
mORF_+_399086	399086	399235	+	2	150	GTG	TAA	0	0	

mORF+_399117	399117	399134	+	3	18	GTG	TAA	0	0	
mORF+_399180	399180	399278	+	3	99	GTG	TGA	0	0	
mORF+_399275	399275	399610	+	2	336	TTG	TAA	0	0	
mORF+_399312	399312	399383	+	3	72	TTG	TAG	0	0	
mORF+_399399	399399	399503	+	3	105	GTG	TGA	0	0	
mORF+_399532	399532	399564	+	1	33	TTG	TGA	0	0	
mORF+_399558	399558	399584	+	3	27	TTG	TGA	0	0	
mORF+_399604	399604	399621	+	1	18	GTG	TAG	0	0	
mORF+_399642	399642	399650	+	3	9	ATG	TGA	0	0	
mORF+_399647	399647	399706	+	2	60	GTG	TAG	0	0	
mORF+_399654	399654	399869	+	3	216	TTG	TGA	0	0	
mORF+_399676	399676	399720	+	1	45	ATG	TGA	0	0	
mORF+_399827	399827	399973	+	2	147	GTG	TAG	0	0	
mORF+_399981	399981	400169	+	3	189	TTG	TAA	0	0	
mORF+_399998	399998	400108	+	2	111	GTG	TGA	0	0	
mORF+_400075	400075	400152	+	1	78	TTG	TAA	0	0	
mORF+_400176	400176	400220	+	3	45	GTG	TGA	0	0	
mORF+_400225	400225	400428	+	1	204	TTG	TGA	0	0	
mORF+_400251	400251	400343	+	3	93	GTG	TAA	0	0	
mORF+_400289	400289	400312	+	2	24	ATG	TGA	0	0	
mORF+_400344	400344	400358	+	3	15	ATG	TGA	0	0	
mORF+_400355	400355	400384	+	2	30	GTG	TAA	0	0	
mORF+_400425	400425	400466	+	3	42	TTG	TAA	0	0	
mORF+_400447	400447	400458	+	1	12	TTG	TAA	0	0	
mORF+_400451	400451	400564	+	2	114	GTG	TGA	0	0	
mORF+_400506	400506	400532	+	3	27	TTG	TAA	0	0	
mORF+_400561	400561	400629	+	1	69	GTG	TGA	0	0	
mORF+_400571	400571	400597	+	2	27	ATG	TAA	0	0	
mORF+_400590	400590	400613	+	3	24	TTG	TGA	0	0	
mORF+_400610	400610	400870	+	2	261	ATG	TAA	9	105	pORF+_400610
mORF+_400623	400623	400688	+	3	66	TTG	TAG	0	0	
mORF+_400675	400675	400740	+	1	66	GTG	TGA	0	0	
mORF+_400737	400737	400754	+	3	18	ATG	TGA	0	0	
mORF+_400755	400755	400766	+	3	12	TTG	TAG	0	0	
mORF+_400794	400794	400841	+	3	48	ATG	TAA	0	0	
mORF+_400902	400902	402386	+	3	1485	TTG	TAA	1	8	pORF+_400902
mORF+_400945	400945	400974	+	1	30	ATG	TGA	0	0	
mORF+_400987	400987	401025	+	1	39	TTG	TGA	0	0	
mORF+_401098	401098	401112	+	1	15	GTG	TAA	0	0	
mORF+_401116	401116	401181	+	1	66	GTG	TGA	0	0	
mORF+_401182	401182	401262	+	1	81	TTG	TAG	0	0	
mORF+_401263	401263	401304	+	1	42	ATG	TGA	0	0	
mORF+_401371	401371	401526	+	1	156	GTG	TGA	0	0	
mORF+_401537	401537	401563	+	2	27	ATG	TGA	0	0	
mORF+_401560	401560	401748	+	1	189	GTG	TGA	0	0	
mORF+_401567	401567	401578	+	2	12	ATG	TAA	0	0	
mORF+_401693	401693	401716	+	2	24	ATG	TGA	0	0	
mORF+_401752	401752	401766	+	1	15	ATG	TGA	0	0	
mORF+_401803	401803	401844	+	1	42	TTG	TAG	0	0	
mORF+_401863	401863	401943	+	1	81	ATG	TGA	0	0	
mORF+_401956	401956	401967	+	1	12	TTG	TGA	0	0	
mORF+_401974	401974	402132	+	1	159	ATG	TAG	0	0	
mORF+_402041	402041	402076	+	2	36	TTG	TGA	0	0	
mORF+_402163	402163	402207	+	1	45	TTG	TAA	0	0	
mORF+_402217	402217	402228	+	1	12	ATG	TGA	0	0	
mORF+_402292	402292	402333	+	1	42	TTG	TGA	0	0	
mORF+_402401	402401	402490	+	2	90	GTG	TGA	0	0	
mORF+_402450	402450	402614	+	3	165	ATG	TAA	0	0	
mORF+_402487	402487	402825	+	1	339	ATG	TGA	4	16	pORF+_402487
mORF+_402497	402497	402508	+	2	12	ATG	TGA	0	0	
mORF+_402647	402647	402667	+	2	21	ATG	TGA	0	0	
mORF+_402668	402668	402679	+	2	12	GTG	TGA	0	0	
mORF+_402672	402672	402749	+	3	78	TTG	TAA	0	0	

mORF_+_402776	402776	402799	+	2	24	GTG	TGA	0	0	
mORF_+_402800	402800	402832	+	2	33	GTG	TGA	0	0	
mORF_+_402835	402835	402906	+	1	72	GTG	TAA	0	0	
mORF_+_402845	402845	402892	+	2	48	GTG	TAG	0	0	
mORF_+_402858	402858	402926	+	3	69	ATG	TGA	0	0	
mORF_+_402908	402908	402949	+	2	42	TTG	TGA	0	0	
mORF_+_402927	402927	404042	+	3	1116	ATG	TGA	0	0	
mORF_+_402946	402946	402999	+	1	54	ATG	TAA	0	0	
mORF_+_403060	403060	403176	+	1	117	GTG	TAG	0	0	
mORF_+_403130	403130	403213	+	2	84	GTG	TAG	0	0	
mORF_+_403240	403240	403251	+	1	12	ATG	TAG	0	0	
mORF_+_403259	403259	403432	+	2	174	GTG	TAG	0	0	
mORF_+_403354	403354	403374	+	1	21	TTG	TGA	0	0	
mORF_+_403390	403390	403407	+	1	18	TTG	TGA	0	0	
mORF_+_403432	403432	403554	+	1	123	GTG	TGA	0	0	
mORF_+_403445	403445	403534	+	2	90	ATG	TAA	0	0	
mORF_+_403595	403595	403618	+	2	24	TTG	TGA	0	0	
mORF_+_403615	403615	403662	+	1	48	ATG	TGA	0	0	
mORF_+_403708	403708	403779	+	1	72	ATG	TGA	0	0	
mORF_+_403780	403780	403812	+	1	33	TTG	TAA	0	0	
mORF_+_403864	403864	403875	+	1	12	ATG	TAA	0	0	
mORF_+_403921	403921	403941	+	1	21	GTG	TGA	0	0	
mORF_+_403963	403963	403974	+	1	12	GTG	TGA	0	0	
mORF_+_403967	403967	404020	+	2	54	GTG	TAA	0	0	
mORF_+_404066	404066	404254	+	2	189	TTG	TGA	0	0	
mORF_+_404175	404175	404324	+	3	150	GTG	TAA	0	0	
mORF_+_404206	404206	404961	+	1	756	ATG	TAG	0	0	
mORF_+_404463	404463	404492	+	3	30	TTG	TAA	0	0	
mORF_+_404496	404496	404525	+	3	30	GTG	TAA	0	0	
mORF_+_404504	404504	404794	+	2	291	GTG	TGA	0	0	
mORF_+_404819	404819	404887	+	2	69	ATG	TGA	0	0	
mORF_+_404868	404868	405446	+	3	579	TTG	TAA	3	41	pORF_+_404868
mORF_+_404894	404894	404902	+	2	9	TTG	TGA	0	0	
mORF_+_404980	404980	404991	+	1	12	ATG	TGA	0	0	
mORF_+_404996	404996	405031	+	2	36	TTG	TAA	0	0	
mORF_+_405004	405004	405027	+	1	24	ATG	TAA	0	0	
mORF_+_405154	405154	405201	+	1	48	TTG	TGA	0	0	
mORF_+_405179	405179	405184	+	2	6	GTG	TGA	0	0	
mORF_+_405295	405295	405306	+	1	12	GTG	TGA	0	0	
mORF_+_405334	405334	405477	+	1	144	GTG	TGA	0	0	
mORF_+_405413	405413	405436	+	2	24	GTG	TAG	0	0	
mORF_+_405447	405447	405452	+	3	6	ATG	TAA	0	0	
mORF_+_405474	405474	405557	+	3	84	TTG	TAG	0	0	
mORF_+_405485	405485	405493	+	2	9	TTG	TAG	0	0	
mORF_+_405500	405500	405508	+	2	9	GTG	TGA	0	0	
mORF_+_405505	405505	405522	+	1	18	TTG	TAA	0	0	
mORF_+_405523	405523	405570	+	1	48	GTG	TGA	0	0	
mORF_+_405567	405567	405632	+	3	66	ATG	TGA	0	0	
mORF_+_405613	405613	405672	+	1	60	TTG	TAA	0	0	
mORF_+_405629	405629	406153	+	2	525	ATG	TGA	9	32	pORF_+_405629
mORF_+_405666	405666	405758	+	3	93	GTG	TGA	0	0	
mORF_+_405733	405733	405888	+	1	156	GTG	TAA	0	0	
mORF_+_405928	405928	405954	+	1	27	GTG	TAA	0	0	
mORF_+_405930	405930	405998	+	3	69	GTG	TAA	0	0	
mORF_+_406047	406047	406109	+	3	63	ATG	TGA	0	0	
mORF_+_406147	406147	406188	+	1	42	TTG	TGA	0	0	
mORF_+_406185	406185	406193	+	3	9	GTG	TAA	0	0	
mORF_+_406203	406203	406394	+	3	192	ATG	TGA	5	18	pORF_+_406203
mORF_+_406228	406228	406242	+	1	15	GTG	TAG	0	0	
mORF_+_406249	406249	406278	+	1	30	TTG	TAA	0	0	
mORF_+_406327	406327	406461	+	1	135	GTG	TAA	0	0	
mORF_+_406391	406391	406483	+	2	93	GTG	TAG	0	0	
mORF_+_406425	406425	406622	+	3	198	GTG	TAA	0	0	

mORF_+_406465	406465	406476	+	1	12	ATG	TAA	0	0	
mORF_+_406519	406519	406575	+	1	57	TTG	TAG	0	0	
mORF_+_406535	406535	406618	+	2	84	ATG	TAA	0	0	
mORF_+_406585	406585	406731	+	1	147	GTG	TGA	0	0	
mORF_+_406641	406641	406655	+	3	15	GTG	TGA	0	0	
mORF_+_406652	406652	407329	+	2	678	ATG	TAA	1	7	pORF_+_406652
mORF_+_406656	406656	406676	+	3	21	GTG	TGA	0	0	
mORF_+_406686	406686	406718	+	3	33	TTG	TGA	0	0	
mORF_+_406728	406728	406772	+	3	45	TTG	TAA	0	0	
mORF_+_406776	406776	406787	+	3	12	GTG	TGA	0	0	
mORF_+_406839	406839	406940	+	3	102	ATG	TAA	0	0	
mORF_+_406989	406989	407225	+	3	237	TTG	TAG	0	0	
mORF_+_407095	407095	407136	+	1	42	ATG	TAA	0	0	
mORF_+_407218	407218	407289	+	1	72	TTG	TAA	0	0	
mORF_+_407268	407268	407297	+	3	30	ATG	TGA	0	0	
mORF_+_407298	407298	407339	+	3	42	TTG	TGA	0	0	
mORF_+_407332	407332	407364	+	1	33	TTG	TAG	0	0	
mORF_+_407336	407336	407437	+	2	102	GTG	TGA	0	0	
mORF_+_407364	407364	407372	+	3	9	GTG	TAG	0	0	
mORF_+_407373	407373	407414	+	3	42	ATG	TAA	0	0	
mORF_+_407401	407401	407685	+	1	285	ATG	TAA	7	225	pORF_+_407401
mORF_+_407483	407483	407536	+	2	54	GTG	TGA	0	0	
mORF_+_407546	407546	407557	+	2	12	GTG	TGA	0	0	
mORF_+_407558	407558	407704	+	2	147	ATG	TGA	0	0	
mORF_+_407670	407670	407747	+	3	78	GTG	TAA	0	0	
mORF_+_407701	407701	407724	+	1	24	TTG	TGA	0	0	
mORF_+_407759	407759	407794	+	2	36	TTG	TAA	0	0	
mORF_+_407805	407805	407813	+	3	9	TTG	TAA	0	0	
mORF_+_407820	407820	407867	+	3	48	GTG	TAA	0	0	
mORF_+_407837	407837	407860	+	2	24	TTG	TAA	0	0	
mORF_+_407873	407873	407965	+	2	93	ATG	TAA	0	0	
mORF_+_407880	407880	407912	+	3	33	ATG	TGA	0	0	
mORF_+_407893	407893	408174	+	1	282	TTG	TGA	0	0	
mORF_+_408026	408026	408031	+	2	6	ATG	TGA	0	0	
mORF_+_408039	408039	408104	+	3	66	GTG	TGA	0	0	
mORF_+_408071	408071	408109	+	2	39	TTG	TAG	0	0	
mORF_+_408140	408140	408205	+	2	66	GTG	TAA	0	0	
mORF_+_408171	408171	408254	+	3	84	ATG	TAA	0	0	
mORF_+_408217	408217	408228	+	1	12	TTG	TAA	0	0	
mORF_+_408235	408235	408288	+	1	54	TTG	TAA	0	0	
mORF_+_408266	408266	408355	+	2	90	GTG	TAA	0	0	
mORF_+_408340	408340	408408	+	1	69	GTG	TGA	0	0	
mORF_+_408371	408371	408379	+	2	9	TTG	TAA	0	0	
mORF_+_408405	408405	408461	+	3	57	ATG	TGA	0	0	
mORF_+_408458	408458	408763	+	2	306	TTG	TAA	0	0	
mORF_+_408492	408492	408524	+	3	33	TTG	TGA	0	0	
mORF_+_408525	408525	408581	+	3	57	ATG	TGA	0	0	
mORF_+_408582	408582	409058	+	3	477	TTG	TGA	0	0	
mORF_+_408685	408685	408834	+	1	150	GTG	TAA	0	0	
mORF_+_408865	408865	408876	+	1	12	TTG	TAA	0	0	
mORF_+_408905	408905	409078	+	2	174	GTG	TAA	0	0	
mORF_+_409062	409062	409217	+	3	156	TTG	TAA	0	0	
mORF_+_409088	409088	409165	+	2	78	GTG	TAG	0	0	
mORF_+_409141	409141	409149	+	1	9	ATG	TAA	0	0	
mORF_+_409150	409150	409209	+	1	60	ATG	TAA	0	0	
mORF_+_409230	409230	410276	+	3	1047	TTG	TAA	9	28	pORF_+_409230
mORF_+_409292	409292	409342	+	2	51	TTG	TGA	0	0	
mORF_+_409309	409309	409377	+	1	69	TTG	TAG	0	0	
mORF_+_409411	409411	409548	+	1	138	TTG	TAG	0	0	
mORF_+_409585	409585	409593	+	1	9	GTG	TGA	0	0	
mORF_+_409597	409597	409644	+	1	48	ATG	TAA	0	0	
mORF_+_409678	409678	409713	+	1	36	ATG	TAG	0	0	
mORF_+_409714	409714	409752	+	1	39	ATG	TGA	0	0	

mORF_+_409766	409766	409828	+	2	63	ATG	TGA	0	0
mORF_+_409789	409789	409968	+	1	180	ATG	TGA	0	0
mORF_+_409829	409829	409906	+	2	78	GTG	TAA	0	0
mORF_+_409913	409913	409921	+	2	9	TTG	TGA	0	0
mORF_+_409975	409975	409983	+	1	9	ATG	TGA	0	0
mORF_+_409990	409990	410028	+	1	39	GTG	TAG	0	0
mORF_+_410080	410080	410088	+	1	9	ATG	TGA	0	0
mORF_+_410104	410104	410109	+	1	6	ATG	TGA	0	0
mORF_+_410110	410110	410130	+	1	21	TTG	TGA	0	0
mORF_+_410134	410134	410139	+	1	6	ATG	TAG	0	0
mORF_+_410158	410158	410169	+	1	12	TTG	TGA	0	0
mORF_+_410179	410179	410307	+	1	129	TTG	TGA	0	0
mORF_+_410195	410195	410200	+	2	6	ATG	TGA	0	0
mORF_+_410255	410255	410497	+	2	243	GTG	TAA	0	0
mORF_+_410307	410307	410393	+	3	87	ATG	TAA	0	0
mORF_+_410344	410344	410358	+	1	15	GTG	TAG	0	0
mORF_+_410394	410394	410462	+	3	69	GTG	TAG	0	0
mORF_+_410446	410446	410736	+	1	291	GTG	TAA	0	0
mORF_+_410501	410501	410575	+	2	75	ATG	TAG	0	0
mORF_+_410529	410529	410708	+	3	180	GTG	TAA	0	0
mORF_+_410750	410750	410923	+	2	174	TTG	TAA	0	0
mORF_+_410758	410758	410763	+	1	6	TTG	TAG	0	0
mORF_+_410773	410773	410778	+	1	6	TTG	TAG	0	0
mORF_+_410781	410781	410816	+	3	36	GTG	TAA	0	0
mORF_+_410835	410835	410888	+	3	54	TTG	TAA	0	0
mORF_+_410913	410913	410987	+	3	75	GTG	TAA	0	0
mORF_+_411029	411029	411046	+	2	18	ATG	TAG	0	0
mORF_+_411033	411033	411050	+	3	18	ATG	TGA	0	0
mORF_+_411071	411071	411127	+	2	57	TTG	TGA	0	0
mORF_+_411124	411124	411225	+	1	102	GTG	TAA	0	0
mORF_+_411189	411189	411209	+	3	21	ATG	TAA	0	0
mORF_+_411230	411230	411235	+	2	6	GTG	TAA	0	0
mORF_+_411275	411275	411436	+	2	162	ATG	TAA	0	0
mORF_+_411354	411354	411452	+	3	99	TTG	TGA	0	0
mORF_+_411391	411391	411510	+	1	120	ATG	TGA	0	0
mORF_+_411449	411449	411514	+	2	66	GTG	TAG	0	0
mORF_+_411507	411507	411536	+	3	30	GTG	TGA	0	0
mORF_+_411533	411533	411568	+	2	36	ATG	TAA	0	0
mORF_+_411537	411537	411629	+	3	93	TTG	TGA	0	0
mORF_+_411580	411580	411690	+	1	111	ATG	TAA	0	0
mORF_+_411626	411626	411796	+	2	171	GTG	TAA	0	0
mORF_+_411763	411763	411867	+	1	105	TTG	TAG	0	0
mORF_+_411877	411877	412215	+	1	339	TTG	TAG	0	0
mORF_+_411930	411930	412208	+	3	279	GTG	TAA	0	0
mORF_+_412052	412052	412066	+	2	15	GTG	TGA	0	0
mORF_+_412221	412221	412259	+	3	39	GTG	TAA	0	0
mORF_+_412288	412288	412365	+	1	78	TTG	TGA	0	0
mORF_+_412362	412362	412382	+	3	21	TTG	TAA	0	0
mORF_+_412386	412386	412484	+	3	99	TTG	TAA	0	0
mORF_+_412447	412447	412473	+	1	27	GTG	TGA	0	0
mORF_+_412488	412488	412643	+	3	156	TTG	TAG	0	0
mORF_+_412513	412513	412548	+	1	36	GTG	TGA	0	0
mORF_+_412553	412553	412579	+	2	27	GTG	TGA	0	0
mORF_+_412576	412576	412596	+	1	21	GTG	TGA	0	0
mORF_+_412621	412621	412683	+	1	63	TTG	TGA	0	0
mORF_+_412643	412643	413083	+	2	441	GTG	TAA	0	0
mORF_+_412647	412647	412661	+	3	15	TTG	TAG	0	0
mORF_+_412711	412711	412905	+	1	195	GTG	TGA	0	0
mORF_+_412734	412734	412772	+	3	39	TTG	TAA	0	0
mORF_+_412788	412788	412793	+	3	6	GTG	TAA	0	0
mORF_+_412803	412803	412928	+	3	126	TTG	TAA	0	0
mORF_+_412941	412941	413039	+	3	99	TTG	TAA	0	0
mORF_+_413046	413046	413117	+	3	72	TTG	TAA	0	0

mORF_+_413121	413121	413138	+	3	18	ATG	TAA	0	0
mORF_+_413154	413154	413333	+	3	180	GTG	TAG	0	0
mORF_+_413165	413165	413209	+	2	45	GTG	TGA	0	0
mORF_+_413206	413206	413244	+	1	39	GTG	TGA	0	0
mORF_+_413249	413249	413362	+	2	114	GTG	TAA	0	0
mORF_+_413311	413311	413394	+	1	84	ATG	TGA	0	0
mORF_+_413436	413436	413480	+	3	45	GTG	TAA	0	0
mORF_+_413443	413443	413469	+	1	27	GTG	TGA	0	0
mORF_+_413456	413456	413509	+	2	54	GTG	TGA	0	0
mORF_+_413490	413490	413645	+	3	156	TTG	TAA	0	0
mORF_+_413506	413506	413571	+	1	66	TTG	TAA	0	0
mORF_+_413591	413591	413623	+	2	33	GTG	TGA	0	0
mORF_+_413620	413620	413703	+	1	84	GTG	TGA	0	0
mORF_+_413661	413661	413762	+	3	102	TTG	TAA	0	0
mORF_+_413708	413708	413743	+	2	36	GTG	TAG	0	0
mORF_+_413770	413770	413901	+	1	132	GTG	TGA	0	0
mORF_+_413796	413796	413813	+	3	18	TTG	TAA	0	0
mORF_+_413817	413817	413924	+	3	108	TTG	TAA	0	0
mORF_+_413940	413940	413957	+	3	18	TTG	TAA	0	0
mORF_+_413979	413979	414020	+	3	42	GTG	TAA	0	0
mORF_+_413989	413989	414144	+	1	156	ATG	TGA	0	0
mORF_+_414008	414008	414130	+	2	123	TTG	TAA	0	0
mORF_+_414054	414054	414170	+	3	117	ATG	TAA	0	0
mORF_+_414177	414177	414233	+	3	57	TTG	TAA	0	0
mORF_+_414246	414246	414275	+	3	30	TTG	TAA	0	0
mORF_+_414321	414321	414452	+	3	132	TTG	TAA	0	0
mORF_+_414337	414337	414435	+	1	99	GTG	TAG	0	0
mORF_+_414442	414442	414549	+	1	108	GTG	TAA	0	0
mORF_+_414507	414507	414563	+	3	57	TTG	TAA	0	0
mORF_+_414595	414595	414813	+	1	219	TTG	TGA	0	0
mORF_+_414641	414641	414766	+	2	126	GTG	TGA	0	0
mORF_+_414666	414666	414785	+	3	120	TTG	TGA	0	0
mORF_+_414782	414782	414793	+	2	12	GTG	TAG	0	0
mORF_+_414810	414810	414938	+	3	129	GTG	TAA	0	0
mORF_+_414829	414829	415017	+	1	189	ATG	TGA	0	0
mORF_+_414863	414863	414874	+	2	12	TTG	TAA	0	0
mORF_+_414938	414938	414967	+	2	30	ATG	TGA	0	0
mORF_+_414983	414983	415132	+	2	150	GTG	TAA	0	0
mORF_+_415011	415011	415217	+	3	207	GTG	TGA	0	0
mORF_+_415063	415063	415080	+	1	18	GTG	TGA	0	0
mORF_+_415186	415186	415242	+	1	57	ATG	TAG	0	0
mORF_+_415223	415223	415384	+	2	162	ATG	TAA	0	0
mORF_+_415242	415242	415469	+	3	228	GTG	TAG	0	0
mORF_+_415267	415267	415311	+	1	45	GTG	TAA	0	0
mORF_+_415393	415393	415494	+	1	102	TTG	TAA	0	0
mORF_+_415409	415409	415624	+	2	216	ATG	TAA	0	0
mORF_+_415482	415482	415508	+	3	27	ATG	TGA	0	0
mORF_+_415498	415498	415641	+	1	144	GTG	TGA	0	0
mORF_+_415524	415524	415529	+	3	6	ATG	TAG	0	0
mORF_+_415569	415569	415580	+	3	12	GTG	TAA	0	0
mORF_+_415581	415581	415655	+	3	75	ATG	TGA	0	0
mORF_+_415625	415625	415720	+	2	96	ATG	TAA	0	0
mORF_+_415668	415668	415685	+	3	18	TTG	TAG	0	0
mORF_+_415721	415721	415783	+	2	63	ATG	TAA	0	0
mORF_+_415767	415767	415952	+	3	186	ATG	TGA	0	0
mORF_+_415838	415838	415969	+	2	132	TTG	TAA	0	0
mORF_+_415971	415971	416006	+	3	36	TTG	TAA	0	0
mORF_+_416063	416063	416158	+	2	96	ATG	TGA	0	0
mORF_+_416071	416071	416178	+	1	108	GTG	TAA	0	0
mORF_+_416160	416160	416165	+	3	6	GTG	TGA	0	0
mORF_+_416162	416162	416293	+	2	132	GTG	TAA	0	0
mORF_+_416169	416169	416267	+	3	99	ATG	TGA	0	0
mORF_+_416272	416272	416304	+	1	33	ATG	TAA	0	0

mORF_+_416274	416274	416390	+	3	117	GTG	TAG	0	0	
mORF_+_416317	416317	416331	+	1	15	ATG	TAA	0	0	
mORF_+_416366	416366	417055	+	2	690	ATG	TAA	3	4	pORF_+_416366
mORF_+_416394	416394	416483	+	3	90	ATG	TGA	0	0	
mORF_+_416493	416493	416513	+	3	21	ATG	TAA	0	0	
mORF_+_416649	416649	416723	+	3	75	TTG	TAA	0	0	
mORF_+_416760	416760	416777	+	3	18	TTG	TAA	0	0	
mORF_+_416931	416931	417098	+	3	168	ATG	TAA	0	0	
mORF_+_417113	417113	418408	+	2	1296	GTG	TAA	1	3	pORF_+_417113
mORF_+_417130	417130	417324	+	1	195	GTG	TAG	0	0	
mORF_+_417186	417186	417230	+	3	45	GTG	TAA	0	0	
mORF_+_417318	417318	417401	+	3	84	GTG	TGA	0	0	
mORF_+_417478	417478	417483	+	1	6	GTG	TAA	0	0	
mORF_+_417504	417504	417581	+	3	78	TTG	TGA	0	0	
mORF_+_417588	417588	417677	+	3	90	GTG	TGA	0	0	
mORF_+_417687	417687	417746	+	3	60	GTG	TGA	0	0	
mORF_+_417750	417750	417770	+	3	21	ATG	TGA	0	0	
mORF_+_417801	417801	417884	+	3	84	ATG	TGA	0	0	
mORF_+_417936	417936	417959	+	3	24	ATG	TGA	0	0	
mORF_+_417969	417969	417995	+	3	27	TTG	TGA	0	0	
mORF_+_418020	418020	418028	+	3	9	TTG	TAG	0	0	
mORF_+_418071	418071	418103	+	3	33	GTG	TGA	0	0	
mORF_+_418158	418158	418220	+	3	63	GTG	TGA	0	0	
mORF_+_418239	418239	418280	+	3	42	TTG	TAG	0	0	
mORF_+_418299	418299	418307	+	3	9	ATG	TGA	0	0	
mORF_+_418332	418332	418346	+	3	15	TTG	TAG	0	0	
mORF_+_418368	418368	418388	+	3	21	TTG	TAA	0	0	
mORF_+_418389	418389	418505	+	3	117	TTG	TGA	0	0	
mORF_+_418429	418429	418437	+	1	9	TTG	TAA	0	0	
mORF_+_418463	418463	418486	+	2	24	TTG	TAG	0	0	
mORF_+_418499	418499	418525	+	2	27	TTG	TAG	0	0	
mORF_+_418510	418510	418521	+	1	12	TTG	TGA	0	0	
mORF_+_418518	418518	418568	+	3	51	ATG	TGA	0	0	
mORF_+_418528	418528	418548	+	1	21	ATG	TAG	0	0	
mORF_+_418562	418562	418678	+	2	117	TTG	TAA	0	0	
mORF_+_418608	418608	418616	+	3	9	TTG	TAA	0	0	
mORF_+_418636	418636	418737	+	1	102	TTG	TAA	0	0	
mORF_+_418647	418647	418661	+	3	15	GTG	TGA	0	0	
mORF_+_418730	418730	418780	+	2	51	TTG	TAA	0	0	
mORF_+_418764	418764	418811	+	3	48	TTG	TGA	0	0	
mORF_+_418808	418808	418891	+	2	84	ATG	TAA	0	0	
mORF_+_418815	418815	420134	+	3	1320	ATG	TAA	0	0	
mORF_+_418867	418867	418989	+	1	123	TTG	TAA	0	0	
mORF_+_419011	419011	419157	+	1	147	TTG	TGA	0	0	
mORF_+_419078	419078	419137	+	2	60	TTG	TGA	0	0	
mORF_+_419161	419161	419277	+	1	117	GTG	TGA	0	0	
mORF_+_419305	419305	419400	+	1	96	TTG	TGA	0	0	
mORF_+_419428	419428	419487	+	1	60	TTG	TGA	0	0	
mORF_+_419521	419521	419532	+	1	12	GTG	TGA	0	0	
mORF_+_419617	419617	419673	+	1	57	ATG	TAA	0	0	
mORF_+_419701	419701	419709	+	1	9	TTG	TGA	0	0	
mORF_+_419713	419713	419814	+	1	102	GTG	TAA	0	0	
mORF_+_419717	419717	419803	+	2	87	TTG	TAA	0	0	
mORF_+_419864	419864	419911	+	2	48	GTG	TAA	0	0	
mORF_+_419878	419878	419886	+	1	9	TTG	TAA	0	0	
mORF_+_419926	419926	420054	+	1	129	TTG	TAA	0	0	
mORF_+_420047	420047	420142	+	2	96	GTG	TGA	0	0	
mORF_+_420147	420147	420155	+	3	9	TTG	TAA	0	0	
mORF_+_420169	420169	420195	+	1	27	ATG	TGA	0	0	
mORF_+_420176	420176	420220	+	2	45	GTG	TAA	0	0	
mORF_+_420189	420189	420203	+	3	15	GTG	TAG	0	0	
mORF_+_420207	420207	421583	+	3	1377	TTG	TAA	2	5	pORF_+_420207
mORF_+_420235	420235	420243	+	1	9	GTG	TAA	0	0	

mORF_+_420283	420283	420531	+	1	249	TTG	TGA	0	0	
mORF_+_420538	420538	420594	+	1	57	TTG	TGA	0	0	
mORF_+_420584	420584	420649	+	2	66	TTG	TGA	0	0	
mORF_+_420646	420646	420699	+	1	54	GTG	TGA	0	0	
mORF_+_420700	420700	420816	+	1	117	TTG	TAA	0	0	
mORF_+_420770	420770	420796	+	2	27	GTG	TAA	0	0	
mORF_+_420838	420838	421026	+	1	189	TTG	TGA	0	0	
mORF_+_420986	420986	421012	+	2	27	GTG	TAG	0	0	
mORF_+_421051	421051	421083	+	1	33	TTG	TGA	0	0	
mORF_+_421108	421108	421125	+	1	18	GTG	TAG	0	0	
mORF_+_421202	421202	421384	+	2	183	GTG	TAA	0	0	
mORF_+_421240	421240	421254	+	1	15	TTG	TGA	0	0	
mORF_+_421348	421348	421392	+	1	45	TTG	TGA	0	0	
mORF_+_421408	421408	421416	+	1	9	GTG	TAG	0	0	
mORF_+_421465	421465	421530	+	1	66	TTG	TGA	0	0	
mORF_+_421511	421511	421546	+	2	36	GTG	TAA	0	0	
mORF_+_421531	421531	421599	+	1	69	TTG	TAA	0	0	
mORF_+_421587	421587	421622	+	3	36	TTG	TGA	0	0	
mORF_+_421678	421678	421782	+	1	105	ATG	TAA	0	0	
mORF_+_421685	421685	421699	+	2	15	GTG	TAG	0	0	
mORF_+_421703	421703	421714	+	2	12	ATG	TGA	0	0	
mORF_+_421739	421739	423556	+	2	1818	ATG	TAA	2	5	pORF_+_421739
mORF_+_421749	421749	421820	+	3	72	ATG	TGA	0	0	
mORF_+_421813	421813	421869	+	1	57	GTG	TAA	0	0	
mORF_+_421930	421930	421947	+	1	18	ATG	TGA	0	0	
mORF_+_421935	421935	422288	+	3	354	GTG	TAA	0	0	
mORF_+_421993	421993	422133	+	1	141	GTG	TGA	0	0	
mORF_+_422316	422316	422324	+	3	9	TTG	TGA	0	0	
mORF_+_422394	422394	422669	+	3	276	ATG	TGA	0	0	
mORF_+_422548	422548	422592	+	1	45	TTG	TAG	0	0	
mORF_+_422670	422670	422714	+	3	45	ATG	TGA	0	0	
mORF_+_422722	422722	422790	+	1	69	GTG	TAA	0	0	
mORF_+_422748	422748	422915	+	3	168	ATG	TGA	0	0	
mORF_+_422881	422881	422991	+	1	111	ATG	TGA	0	0	
mORF_+_422922	422922	423197	+	3	276	GTG	TAG	1	2	pORF_+_422922
mORF_+_423172	423172	423189	+	1	18	GTG	TGA	0	0	
mORF_+_423204	423204	423293	+	3	90	ATG	TGA	0	0	
mORF_+_423223	423223	423231	+	1	9	TTG	TAA	0	0	
mORF_+_423294	423294	423386	+	3	93	TTG	TGA	0	0	
mORF_+_423396	423396	423503	+	3	108	GTG	TGA	0	0	
mORF_+_423472	423472	423507	+	1	36	ATG	TGA	0	0	
mORF_+_423544	423544	423603	+	1	60	ATG	TAA	0	0	
mORF_+_423575	423575	423721	+	2	147	GTG	TGA	0	0	
mORF_+_423636	423636	423647	+	3	12	ATG	TAA	0	0	
mORF_+_423697	423697	423738	+	1	42	ATG	TAG	0	0	
mORF_+_423769	423769	423834	+	1	66	TTG	TAA	0	0	
mORF_+_423788	423788	423907	+	2	120	GTG	TGA	0	0	
mORF_+_423819	423819	423851	+	3	33	TTG	TAG	0	0	
mORF_+_423879	423879	424082	+	3	204	GTG	TAA	0	0	
mORF_+_423904	423904	424017	+	1	114	ATG	TGA	0	0	
mORF_+_423959	423959	424225	+	2	267	GTG	TGA	0	0	
mORF_+_424018	424018	424128	+	1	111	ATG	TGA	0	0	
mORF_+_424110	424110	424118	+	3	9	ATG	TAA	0	0	
mORF_+_424119	424119	424133	+	3	15	ATG	TAA	0	0	
mORF_+_424174	424174	424260	+	1	87	TTG	TGA	0	0	
mORF_+_424230	424230	424277	+	3	48	GTG	TGA	0	0	
mORF_+_424235	424235	425305	+	2	1071	ATG	TAA	13	68	pORF_+_424235
mORF_+_424278	424278	424349	+	3	72	TTG	TGA	0	0	
mORF_+_424374	424374	424424	+	3	51	TTG	TGA	0	0	
mORF_+_424440	424440	424592	+	3	153	TTG	TGA	0	0	
mORF_+_424614	424614	424844	+	3	231	TTG	TGA	0	0	
mORF_+_424854	424854	424946	+	3	93	TTG	TAG	0	0	
mORF_+_424986	424986	425126	+	3	141	TTG	TGA	0	0	

mORF_+_425175	425175	425198	+	3	24	TTG	TGA	0	0	
mORF_+_425247	425247	425324	+	3	78	GTG	TAA	0	0	
mORF_+_425329	425329	425364	+	1	36	TTG	TGA	0	0	
mORF_+_425361	425361	426488	+	3	1128	ATG	TAA	48	180	pORF_+_425361
mORF_+_425368	425368	425430	+	1	63	TTG	TAG	0	0	
mORF_+_425441	425441	425500	+	2	60	TTG	TGA	0	0	
mORF_+_425455	425455	425475	+	1	21	TTG	TAA	0	0	
mORF_+_425497	425497	425571	+	1	75	TTG	TGA	0	0	
mORF_+_425543	425543	425668	+	2	126	GTG	TAA	0	0	
mORF_+_425653	425653	425781	+	1	129	TTG	TGA	0	0	
mORF_+_425785	425785	425970	+	1	186	TTG	TAG	0	0	
mORF_+_425792	425792	425812	+	2	21	GTG	TGA	0	0	
mORF_+_425852	425852	425866	+	2	15	TTG	TAG	0	0	
mORF_+_425980	425980	426090	+	1	111	TTG	TGA	0	0	
mORF_+_426053	426053	426103	+	2	51	ATG	TAA	0	0	
mORF_+_426097	426097	426159	+	1	63	TTG	TAA	0	0	
mORF_+_426181	426181	426198	+	1	18	ATG	TGA	0	0	
mORF_+_426202	426202	426213	+	1	12	ATG	TGA	0	0	
mORF_+_426223	426223	426336	+	1	114	ATG	TAG	0	0	
mORF_+_426263	426263	426268	+	2	6	GTG	TGA	0	0	
mORF_+_426269	426269	426316	+	2	48	TTG	TGA	0	0	
mORF_+_426320	426320	426361	+	2	42	TTG	TAA	0	0	
mORF_+_426406	426406	426423	+	1	18	TTG	TAG	0	0	
mORF_+_426481	426481	426843	+	1	363	TTG	TAA	15	84	pORF_+_426481
mORF_+_426497	426497	426511	+	2	15	ATG	TAA	0	0	
mORF_+_426530	426530	426538	+	2	9	ATG	TAG	0	0	
mORF_+_426548	426548	426580	+	2	33	GTG	TGA	0	0	
mORF_+_426677	426677	426700	+	2	24	TTG	TGA	0	0	
mORF_+_426707	426707	426727	+	2	21	GTG	TAA	0	0	
mORF_+_426752	426752	426766	+	2	15	TTG	TGA	0	0	
mORF_+_426767	426767	426784	+	2	18	ATG	TAG	0	0	
mORF_+_426794	426794	426805	+	2	12	GTG	TAG	0	0	
mORF_+_426866	426866	426877	+	2	12	TTG	TAA	0	0	
mORF_+_426871	426871	428718	+	1	1848	GTG	TGA	48	158	pORF_+_426871
mORF_+_426891	426891	426962	+	3	72	GTG	TGA	0	0	
mORF_+_426920	426920	427021	+	2	102	TTG	TGA	0	0	
mORF_+_427094	427094	427144	+	2	51	TTG	TAA	0	0	
mORF_+_427157	427157	427234	+	2	78	GTG	TGA	0	0	
mORF_+_427244	427244	427273	+	2	30	TTG	TGA	0	0	
mORF_+_427298	427298	427399	+	2	102	TTG	TGA	0	0	
mORF_+_427415	427415	427450	+	2	36	ATG	TGA	0	0	
mORF_+_427502	427502	427510	+	2	9	GTG	TAA	0	0	
mORF_+_427517	427517	427528	+	2	12	ATG	TGA	0	0	
mORF_+_427529	427529	427585	+	2	57	GTG	TAA	0	0	
mORF_+_427592	427592	427723	+	2	132	TTG	TAA	0	0	
mORF_+_427733	427733	427783	+	2	51	TTG	TGA	0	0	
mORF_+_427808	427808	427828	+	2	21	TTG	TAA	0	0	
mORF_+_427838	427838	428032	+	2	195	GTG	TGA	0	0	
mORF_+_428144	428144	428158	+	2	15	GTG	TGA	0	0	
mORF_+_428174	428174	428275	+	2	102	TTG	TGA	0	0	
mORF_+_428238	428238	428288	+	3	51	TTG	TAA	0	0	
mORF_+_428294	428294	428302	+	2	9	TTG	TGA	0	0	
mORF_+_428303	428303	428320	+	2	18	TTG	TGA	0	0	
mORF_+_428321	428321	428332	+	2	12	TTG	TGA	0	0	
mORF_+_428411	428411	428440	+	2	30	TTG	TGA	0	0	
mORF_+_428495	428495	428554	+	2	60	TTG	TGA	0	0	
mORF_+_428624	428624	428674	+	2	51	GTG	TAA	0	0	
mORF_+_428684	428684	429700	+	2	1017	ATG	TAA	18	52	pORF_+_428684
mORF_+_428722	428722	428751	+	1	30	GTG	TGA	0	0	
mORF_+_428727	428727	428759	+	3	33	ATG	TAA	0	0	
mORF_+_428778	428778	428831	+	3	54	ATG	TAA	0	0	
mORF_+_428889	428889	428939	+	3	51	GTG	TAA	0	0	
mORF_+_428943	428943	429074	+	3	132	GTG	TGA	0	0	

mORF_+_429102	429102	429113	+	3	12	ATG	TGA	0	0	
mORF_+_429120	429120	429179	+	3	60	TTG	TGA	0	0	
mORF_+_429222	429222	429320	+	3	99	TTG	TGA	0	0	
mORF_+_429226	429226	429315	+	1	90	GTG	TGA	0	0	
mORF_+_429324	429324	429338	+	3	15	TTG	TGA	0	0	
mORF_+_429393	429393	429452	+	3	60	GTG	TGA	0	0	
mORF_+_429525	429525	429554	+	3	30	GTG	TGA	0	0	
mORF_+_429567	429567	429620	+	3	54	GTG	TGA	0	0	
mORF_+_429712	429712	429801	+	1	90	TTG	TAA	0	0	
mORF_+_429758	429758	429862	+	2	105	ATG	TAG	0	0	
mORF_+_429765	429765	429950	+	3	186	TTG	TGA	0	0	
mORF_+_429829	429829	430176	+	1	348	ATG	TGA	0	0	
mORF_+_429929	429929	430150	+	2	222	TTG	TGA	0	0	
mORF_+_430020	430020	430043	+	3	24	GTG	TGA	0	0	
mORF_+_430173	430173	430187	+	3	15	GTG	TAA	0	0	
mORF_+_430190	430190	430312	+	2	123	TTG	TAA	0	0	
mORF_+_430197	430197	430241	+	3	45	ATG	TGA	0	0	
mORF_+_430248	430248	430334	+	3	87	GTG	TAA	0	0	
mORF_+_430306	430306	430365	+	1	60	TTG	TAA	0	0	
mORF_+_430322	430322	430396	+	2	75	ATG	TAG	0	0	
mORF_+_430405	430405	430452	+	1	48	TTG	TGA	0	0	
mORF_+_430461	430461	430589	+	3	129	GTG	TAA	0	0	
mORF_+_430561	430561	430626	+	1	66	TTG	TAG	0	0	
mORF_+_430565	430565	430615	+	2	51	TTG	TGA	0	0	
mORF_+_430675	430675	430686	+	1	12	TTG	TAA	0	0	
mORF_+_430750	430750	430845	+	1	96	ATG	TAA	0	0	
mORF_+_430846	430846	430851	+	1	6	ATG	TAG	0	0	
mORF_+_430852	430852	431016	+	1	165	TTG	TAA	0	0	
mORF_+_430925	430925	430942	+	2	18	GTG	TAA	0	0	
mORF_+_430956	430956	431225	+	3	270	GTG	TAA	0	0	
mORF_+_431048	431048	431122	+	2	75	ATG	TAA	0	0	
mORF_+_431074	431074	431103	+	1	30	TTG	TGA	0	0	
mORF_+_431158	431158	431274	+	1	117	TTG	TGA	0	0	
mORF_+_431225	431225	431473	+	2	249	ATG	TAA	0	0	
mORF_+_431238	431238	431255	+	3	18	ATG	TGA	0	0	
mORF_+_431271	431271	431381	+	3	111	GTG	TAA	0	0	
mORF_+_431287	431287	431298	+	1	12	TTG	TAA	0	0	
mORF_+_431335	431335	431427	+	1	93	TTG	TGA	0	0	
mORF_+_431437	431437	431490	+	1	54	TTG	TGA	0	0	
mORF_+_431487	431487	431546	+	3	60	ATG	TAA	0	0	
mORF_+_431500	431500	431580	+	1	81	ATG	TAA	0	0	
mORF_+_431555	431555	431584	+	2	30	ATG	TGA	0	0	
mORF_+_431662	431662	431775	+	1	114	TTG	TAG	0	0	
mORF_+_431675	431675	431686	+	2	12	TTG	TGA	0	0	
mORF_+_431690	431690	431707	+	2	18	TTG	TGA	0	0	
mORF_+_431697	431697	431735	+	3	39	TTG	TGA	0	0	
mORF_+_431736	431736	431780	+	3	45	ATG	TAA	0	0	
mORF_+_431783	431783	431884	+	2	102	GTG	TAA	0	0	
mORF_+_431853	431853	431927	+	3	75	TTG	TGA	0	0	
mORF_+_431917	431917	432102	+	1	186	TTG	TAG	0	0	
mORF_+_431924	431924	431944	+	2	21	GTG	TGA	0	0	
mORF_+_431945	431945	432205	+	2	261	TTG	TAA	0	0	
mORF_+_432157	432157	432189	+	1	33	TTG	TAA	0	0	
mORF_+_432165	432165	432194	+	3	30	TTG	TAG	0	0	
mORF_+_432226	432226	432675	+	1	450	ATG	TAA	11	64	pORF_+_432226
mORF_+_432231	432231	432260	+	3	30	TTG	TAA	0	0	
mORF_+_432266	432266	432382	+	2	117	TTG	TAA	0	0	
mORF_+_432315	432315	432329	+	3	15	GTG	TAA	0	0	
mORF_+_432398	432398	432463	+	2	66	GTG	TGA	0	0	
mORF_+_432470	432470	432547	+	2	78	ATG	TGA	0	0	
mORF_+_432548	432548	432562	+	2	15	TTG	TGA	0	0	
mORF_+_432605	432605	432712	+	2	108	TTG	TAA	0	0	
mORF_+_432679	432679	433782	+	1	1104	GTG	TGA	9	40	pORF_+_432679

mORF_+_432755	432755	432958	+	2	204	ATG	TAG	1	5	pORF_+_432755
mORF_+_432762	432762	432797	+	3	36	GTG	TGA	0	0	
mORF_+_432927	432927	432935	+	3	9	GTG	TGA	0	0	
mORF_+_432968	432968	433057	+	2	90	TTG	TGA	0	0	
mORF_+_433064	433064	433081	+	2	18	GTG	TGA	0	0	
mORF_+_433136	433136	433252	+	2	117	TTG	TAA	0	0	
mORF_+_433185	433185	433214	+	3	30	GTG	TGA	0	0	
mORF_+_433277	433277	433291	+	2	15	ATG	TAA	0	0	
mORF_+_433299	433299	433307	+	3	9	TTG	TGA	0	0	
mORF_+_433313	433313	433372	+	2	60	ATG	TGA	0	0	
mORF_+_433373	433373	433393	+	2	21	TTG	TGA	0	0	
mORF_+_433409	433409	433492	+	2	84	TTG	TGA	0	0	
mORF_+_433464	433464	433505	+	3	42	GTG	TAA	0	0	
mORF_+_433523	433523	433531	+	2	9	TTG	TGA	0	0	
mORF_+_433622	433622	433630	+	2	9	ATG	TGA	0	0	
mORF_+_433631	433631	433657	+	2	27	TTG	TAG	0	0	
mORF_+_433677	433677	433697	+	3	21	ATG	TGA	0	0	
mORF_+_433694	433694	433705	+	2	12	TTG	TAG	0	0	
mORF_+_433742	433742	433747	+	2	6	ATG	TAG	0	0	
mORF_+_433754	433754	433771	+	2	18	ATG	TAG	0	0	
mORF_+_433758	433758	433826	+	3	69	TTG	TAA	0	0	
mORF_+_433775	433775	434341	+	2	567	GTG	TGA	51	2108	pORF_+_433775
mORF_+_433881	433881	433985	+	3	105	TTG	TGA	0	0	
mORF_+_434007	434007	434099	+	3	93	ATG	TGA	0	0	
mORF_+_434026	434026	434046	+	1	21	TTG	TGA	0	0	
mORF_+_434100	434100	434222	+	3	123	TTG	TGA	0	0	
mORF_+_434235	434235	434297	+	3	63	TTG	TGA	0	0	
mORF_+_434304	434304	434312	+	3	9	TTG	TGA	0	0	
mORF_+_434316	434316	434324	+	3	9	ATG	TGA	0	0	
mORF_+_434361	434361	434780	+	3	420	GTG	TGA	16	165	pORF_+_434361
mORF_+_434389	434389	434481	+	1	93	GTG	TAA	0	0	
mORF_+_434393	434393	434446	+	2	54	GTG	TGA	0	0	
mORF_+_434488	434488	434556	+	1	69	TTG	TGA	0	0	
mORF_+_434620	434620	434760	+	1	141	TTG	TGA	0	0	
mORF_+_434777	434777	434818	+	2	42	GTG	TGA	0	0	
mORF_+_434815	434815	434847	+	1	33	ATG	TGA	0	0	
mORF_+_434858	434858	435835	+	2	978	ATG	TAA	10	84	pORF_+_434858
mORF_+_434863	434863	434898	+	1	36	ATG	TGA	0	0	
mORF_+_434865	434865	434882	+	3	18	GTG	TGA	0	0	
mORF_+_434883	434883	434906	+	3	24	TTG	TAA	0	0	
mORF_+_434919	434919	435071	+	3	153	TTG	TGA	0	0	
mORF_+_434947	434947	434997	+	1	51	TTG	TGA	0	0	
mORF_+_435151	435151	435159	+	1	9	GTG	TGA	0	0	
mORF_+_435156	435156	435248	+	3	93	TTG	TGA	0	0	
mORF_+_435267	435267	435290	+	3	24	TTG	TAA	0	0	
mORF_+_435312	435312	435329	+	3	18	GTG	TGA	0	0	
mORF_+_435387	435387	435416	+	3	30	TTG	TGA	0	0	
mORF_+_435558	435558	435680	+	3	123	TTG	TGA	0	0	
mORF_+_435658	435658	435780	+	1	123	GTG	TGA	0	0	
mORF_+_435684	435684	435746	+	3	63	GTG	TGA	0	0	
mORF_+_435777	435777	435800	+	3	24	GTG	TAG	0	0	
mORF_+_435813	435813	436331	+	3	519	ATG	TAG	0	0	
mORF_+_435838	435838	435858	+	1	21	ATG	TGA	0	0	
mORF_+_435872	435872	436138	+	2	267	GTG	TGA	0	0	
mORF_+_435883	435883	435909	+	1	27	TTG	TAA	0	0	
mORF_+_436060	436060	436167	+	1	108	GTG	TGA	0	0	
mORF_+_436145	436145	436216	+	2	72	GTG	TGA	0	0	
mORF_+_436213	436213	436248	+	1	36	TTG	TGA	0	0	
mORF_+_436258	436258	436272	+	1	15	TTG	TGA	0	0	
mORF_+_436332	436332	436349	+	3	18	TTG	TGA	0	0	
mORF_+_436334	436334	436354	+	2	21	GTG	TGA	0	0	
mORF_+_436342	436342	436392	+	1	51	ATG	TAA	0	0	
mORF_+_436358	436358	436477	+	2	120	TTG	TAG	0	0	

mORF_+_436455	436455	436643	+	3	189	GTG	TAG	0	0
mORF_+_436516	436516	436590	+	1	75	GTG	TGA	0	0
mORF_+_436559	436559	436600	+	2	42	TTG	TAA	0	0
mORF_+_436675	436675	436683	+	1	9	GTG	TAG	0	0
mORF_+_436714	436714	436821	+	1	108	TTG	TGA	0	0
mORF_+_436800	436800	436805	+	3	6	TTG	TAG	0	0
mORF_+_436805	436805	436888	+	2	84	GTG	TGA	0	0
mORF_+_436858	436858	436935	+	1	78	GTG	TGA	0	0
mORF_+_436932	436932	436970	+	3	39	TTG	TAA	0	0
mORF_+_436979	436979	437062	+	2	84	ATG	TAA	0	0
mORF_+_437007	437007	437180	+	3	174	ATG	TAA	0	0
mORF_+_437087	437087	437344	+	2	258	ATG	TAA	0	0
mORF_+_437140	437140	437229	+	1	90	GTG	TAA	0	0
mORF_+_437184	437184	437270	+	3	87	TTG	TGA	0	0
mORF_+_437257	437257	437535	+	1	279	GTG	TAG	0	0
mORF_+_437349	437349	437507	+	3	159	TTG	TAA	0	0
mORF_+_437354	437354	437443	+	2	90	TTG	TAA	0	0
mORF_+_437541	437541	437558	+	3	18	ATG	TGA	0	0
mORF_+_437555	437555	437614	+	2	60	TTG	TGA	0	0
mORF_+_437620	437620	437778	+	1	159	TTG	TAA	0	0
mORF_+_437648	437648	437977	+	2	330	ATG	TAG	0	0
mORF_+_437922	437922	438059	+	3	138	TTG	TAA	0	0
mORF_+_438004	438004	438336	+	1	333	GTG	TGA	0	0
mORF_+_438059	438059	438088	+	2	30	ATG	TAA	0	0
mORF_+_438134	438134	438175	+	2	42	ATG	TGA	0	0
mORF_+_438221	438221	438229	+	2	9	GTG	TAA	0	0
mORF_+_438239	438239	438316	+	2	78	ATG	TAG	0	0
mORF_+_438300	438300	438377	+	3	78	TTG	TAA	0	0
mORF_+_438347	438347	438442	+	2	96	ATG	TAG	0	0
mORF_+_438435	438435	438497	+	3	63	TTG	TAG	0	0
mORF_+_438505	438505	438606	+	1	102	GTG	TAG	0	0
mORF_+_438512	438512	438541	+	2	30	GTG	TAA	0	0
mORF_+_438554	438554	438634	+	2	81	TTG	TGA	0	0
mORF_+_438631	438631	438783	+	1	153	GTG	TGA	0	0
mORF_+_438650	438650	438655	+	2	6	ATG	TAG	0	0
mORF_+_438680	438680	438790	+	2	111	GTG	TAA	0	0
mORF_+_438738	438738	438827	+	3	90	TTG	TGA	0	0
mORF_+_438817	438817	439032	+	1	216	ATG	TGA	0	0
mORF_+_438821	438821	438907	+	2	87	TTG	TGA	0	0
mORF_+_438926	438926	439105	+	2	180	ATG	TGA	0	0
mORF_+_439029	439029	439415	+	3	387	TTG	TAA	0	0
mORF_+_439036	439036	439050	+	1	15	ATG	TAA	0	0
mORF_+_439087	439087	439287	+	1	201	GTG	TAA	0	0
mORF_+_439109	439109	439156	+	2	48	ATG	TAA	0	0
mORF_+_439196	439196	439204	+	2	9	GTG	TAG	0	0
mORF_+_439235	439235	439291	+	2	57	GTG	TAG	0	0
mORF_+_439352	439352	439450	+	2	99	GTG	TAG	0	0
mORF_+_439422	439422	439445	+	3	24	TTG	TGA	0	0
mORF_+_439467	439467	440144	+	3	678	GTG	TAA	0	0
mORF_+_439498	439498	439743	+	1	246	TTG	TAA	0	0
mORF_+_439652	439652	439663	+	2	12	ATG	TGA	0	0
mORF_+_439682	439682	439789	+	2	108	ATG	TGA	0	0
mORF_+_439786	439786	439842	+	1	57	ATG	TAA	0	0
mORF_+_439826	439826	439855	+	2	30	TTG	TGA	0	0
mORF_+_439972	439972	439977	+	1	6	TTG	TAA	0	0
mORF_+_440020	440020	440070	+	1	51	ATG	TAA	0	0
mORF_+_440077	440077	440085	+	1	9	ATG	TAA	0	0
mORF_+_440095	440095	440202	+	1	108	GTG	TAA	0	0
mORF_+_440132	440132	440158	+	2	27	GTG	TGA	0	0
mORF_+_440162	440162	440170	+	2	9	GTG	TAA	0	0
mORF_+_440205	440205	440264	+	3	60	ATG	TAA	0	0
mORF_+_440219	440219	440245	+	2	27	ATG	TGA	0	0
mORF_+_440282	440282	440344	+	2	63	TTG	TAA	0	0

mORF_+_440308	440308	440427	+	1	120	TTG	TGA	0	0	
mORF_+_440385	440385	440411	+	3	27	TTG	TAA	0	0	
mORF_+_440429	440429	440569	+	2	141	GTG	TAA	0	0	
mORF_+_440569	440569	440580	+	1	12	ATG	TGA	0	0	
mORF_+_440573	440573	440635	+	2	63	ATG	TAA	0	0	
mORF_+_440604	440604	440648	+	3	45	ATG	TAA	0	0	
mORF_+_440642	440642	440653	+	2	12	ATG	TGA	0	0	
mORF_+_440650	440650	440676	+	1	27	GTG	TAG	0	0	
mORF_+_440655	440655	440747	+	3	93	GTG	TAA	0	0	
mORF_+_440711	440711	440776	+	2	66	GTG	TGA	0	0	
mORF_+_440751	440751	440789	+	3	39	TTG	TAA	0	0	
mORF_+_440773	440773	442221	+	1	1449	ATG	TAA	30	150	pORF_+_440773
mORF_+_440882	440882	440974	+	2	93	ATG	TGA	0	0	
mORF_+_441113	441113	441169	+	2	57	GTG	TAA	0	0	
mORF_+_441179	441179	441196	+	2	18	TTG	TGA	0	0	
mORF_+_441212	441212	441217	+	2	6	ATG	TGA	0	0	
mORF_+_441278	441278	441364	+	2	87	TTG	TGA	0	0	
mORF_+_441419	441419	441574	+	2	156	ATG	TGA	0	0	
mORF_+_441453	441453	441500	+	3	48	GTG	TAA	0	0	
mORF_+_441581	441581	441667	+	2	87	GTG	TGA	0	0	
mORF_+_441683	441683	441706	+	2	24	TTG	TGA	0	0	
mORF_+_441764	441764	441811	+	2	48	TTG	TGA	0	0	
mORF_+_441801	441801	441842	+	3	42	TTG	TAA	0	0	
mORF_+_441851	441851	442000	+	2	150	TTG	TGA	0	0	
mORF_+_442022	442022	442045	+	2	24	ATG	TGA	0	0	
mORF_+_442058	442058	442090	+	2	33	TTG	TGA	0	0	
mORF_+_442100	442100	442153	+	2	54	TTG	TGA	0	0	
mORF_+_442134	442134	442142	+	3	9	GTG	TGA	0	0	
mORF_+_442199	442199	442204	+	2	6	ATG	TGA	0	0	
mORF_+_442223	442223	442363	+	2	141	TTG	TAA	0	0	
mORF_+_442225	442225	442284	+	1	60	GTG	TAA	0	0	
mORF_+_442251	442251	442319	+	3	69	ATG	TGA	0	0	
mORF_+_442329	442329	442961	+	3	633	ATG	TGA	0	0	
mORF_+_442421	442421	442555	+	2	135	GTG	TAG	0	0	
mORF_+_442441	442441	442947	+	1	507	TTG	TAA	0	0	
mORF_+_442850	442850	442966	+	2	117	GTG	TAG	0	0	
mORF_+_442976	442976	443053	+	2	78	GTG	TAA	0	0	
mORF_+_442978	442978	443073	+	1	96	GTG	TGA	0	0	
mORF_+_443077	443077	443151	+	1	75	ATG	TAA	0	0	
mORF_+_443174	443174	443290	+	2	117	ATG	TAA	0	0	
mORF_+_443184	443184	443192	+	3	9	GTG	TAA	0	0	
mORF_+_443242	443242	443403	+	1	162	ATG	TAA	0	0	
mORF_+_443313	443313	443333	+	3	21	GTG	TGA	0	0	
mORF_+_443330	443330	443350	+	2	21	GTG	TGA	0	0	
mORF_+_443340	443340	443354	+	3	15	TTG	TAA	0	0	
mORF_+_443354	443354	443413	+	2	60	ATG	TGA	0	0	
mORF_+_443403	443403	443471	+	3	69	ATG	TAG	0	0	
mORF_+_443414	443414	443452	+	2	39	ATG	TGA	0	0	
mORF_+_443419	443419	443457	+	1	39	TTG	TAA	0	0	
mORF_+_443481	443481	443501	+	3	21	GTG	TGA	0	0	
mORF_+_443483	443483	443635	+	2	153	GTG	TAA	0	0	
mORF_+_443520	443520	443594	+	3	75	ATG	TAA	0	0	
mORF_+_443638	443638	443700	+	1	63	TTG	TAA	0	0	
mORF_+_443678	443678	443791	+	2	114	TTG	TAA	0	0	
mORF_+_443685	443685	443693	+	3	9	GTG	TAA	0	0	
mORF_+_443701	443701	443709	+	1	9	TTG	TAA	0	0	
mORF_+_443739	443739	444398	+	3	660	TTG	TAA	70	2591	pORF_+_443739
mORF_+_443792	443792	443932	+	2	141	TTG	TGA	0	0	
mORF_+_443794	443794	443823	+	1	30	GTG	TAA	0	0	
mORF_+_443923	443923	444030	+	1	108	TTG	TGA	0	0	
mORF_+_444103	444103	444117	+	1	15	GTG	TGA	0	0	
mORF_+_444127	444127	444201	+	1	75	TTG	TGA	0	0	
mORF_+_444211	444211	444246	+	1	36	TTG	TGA	0	0	

mORF_+_444289	444289	444303	+	1	15	ATG	TAA	0	0
mORF_+_444316	444316	444447	+	1	132	GTG	TGA	0	0
mORF_+_444407	444407	444439	+	2	33	ATG	TGA	0	0
mORF_+_444429	444429	444485	+	3	57	ATG	TAG	0	0
mORF_+_444464	444464	444469	+	2	6	TTG	TAA	0	0
mORF_+_444528	444528	444629	+	3	102	ATG	TGA	0	0
mORF_+_444572	444572	444592	+	2	21	TTG	TAA	0	0
mORF_+_444598	444598	444645	+	1	48	ATG	TAG	0	0
mORF_+_444626	444626	444790	+	2	165	TTG	TGA	0	0
mORF_+_444669	444669	444710	+	3	42	TTG	TGA	0	0
mORF_+_444765	444765	444809	+	3	45	TTG	TAA	0	0
mORF_+_444800	444800	444865	+	2	66	ATG	TAA	0	0
mORF_+_444884	444884	444889	+	2	6	TTG	TAA	0	0
mORF_+_444915	444915	444944	+	3	30	GTG	TAA	0	0
mORF_+_444979	444979	445119	+	1	141	TTG	TAG	0	0
mORF_+_445064	445064	445084	+	2	21	TTG	TAG	0	0
mORF_+_445088	445088	445135	+	2	48	ATG	TAG	0	0
mORF_+_445122	445122	445229	+	3	108	TTG	TAA	0	0
mORF_+_445144	445144	445563	+	1	420	GTG	TAG	0	0
mORF_+_445229	445229	445318	+	2	90	ATG	TGA	0	0
mORF_+_445319	445319	445414	+	2	96	GTG	TGA	0	0
mORF_+_445365	445365	445376	+	3	12	TTG	TAG	0	0
mORF_+_445415	445415	445699	+	2	285	GTG	TGA	0	0
mORF_+_445545	445545	445580	+	3	36	TTG	TAA	0	0
mORF_+_445653	445653	445805	+	3	153	ATG	TAA	0	0
mORF_+_445730	445730	445882	+	2	153	ATG	TAA	0	0
mORF_+_445762	445762	445842	+	1	81	TTG	TAA	0	0
mORF_+_445919	445919	445924	+	2	6	GTG	TAA	0	0
mORF_+_445937	445937	445945	+	2	9	ATG	TAA	0	0
mORF_+_445948	445948	445962	+	1	15	ATG	TAG	0	0
mORF_+_445982	445982	446014	+	2	33	ATG	TAG	0	0
mORF_+_446036	446036	446197	+	2	162	TTG	TAA	0	0
mORF_+_446112	446112	446177	+	3	66	GTG	TAA	0	0
mORF_+_446271	446271	446309	+	3	39	GTG	TGA	0	0
mORF_+_446306	446306	446791	+	2	486	GTG	TGA	0	0
mORF_+_446325	446325	446369	+	3	45	ATG	TAA	0	0
mORF_+_446356	446356	446376	+	1	21	TTG	TAA	0	0
mORF_+_446385	446385	446399	+	3	15	ATG	TAG	0	0
mORF_+_446523	446523	446531	+	3	9	GTG	TAG	0	0
mORF_+_446547	446547	446561	+	3	15	ATG	TAA	0	0
mORF_+_446658	446658	446756	+	3	99	GTG	TAG	0	0
mORF_+_446757	446757	446810	+	3	54	TTG	TAG	0	0
mORF_+_446788	446788	446814	+	1	27	GTG	TAA	0	0
mORF_+_446829	446829	446966	+	3	138	ATG	TGA	0	0
mORF_+_446839	446839	446889	+	1	51	TTG	TGA	0	0
mORF_+_446906	446906	446944	+	2	39	TTG	TAG	0	0
mORF_+_446944	446944	447015	+	1	72	GTG	TAG	0	0
mORF_+_446954	446954	446962	+	2	9	ATG	TAG	0	0
mORF_+_446963	446963	447220	+	2	258	TTG	TAG	0	0
mORF_+_447070	447070	447291	+	1	222	GTG	TAA	0	0
mORF_+_447114	447114	447194	+	3	81	TTG	TGA	0	0
mORF_+_447298	447298	447522	+	1	225	GTG	TGA	0	0
mORF_+_447330	447330	447476	+	3	147	GTG	TGA	0	0
mORF_+_447519	447519	447902	+	3	384	GTG	TAG	0	0
mORF_+_447601	447601	447639	+	1	39	TTG	TAG	0	0
mORF_+_447640	447640	447747	+	1	108	GTG	TAG	0	0
mORF_+_447772	447772	447792	+	1	21	ATG	TAG	0	0
mORF_+_447811	447811	449172	+	1	1362	TTG	TGA	0	0
mORF_+_447878	447878	447958	+	2	81	TTG	TAG	0	0
mORF_+_447995	447995	448117	+	2	123	GTG	TGA	0	0
mORF_+_448176	448176	448310	+	3	135	ATG	TAG	0	0
mORF_+_448385	448385	448555	+	2	171	ATG	TAG	0	0
mORF_+_448455	448455	448463	+	3	9	GTG	TAA	0	0

mORF_+_448592	448592	448753	+	2	162	ATG	TGA	0	0
mORF_+_448757	448757	448930	+	2	174	ATG	TAA	0	0
mORF_+_448809	448809	448817	+	3	9	TTG	TGA	0	0
mORF_+_448908	448908	449039	+	3	132	TTG	TGA	0	0
mORF_+_449000	449000	449005	+	2	6	ATG	TAA	0	0
mORF_+_449036	449036	449095	+	2	60	TTG	TAG	0	0
mORF_+_449133	449133	449150	+	3	18	TTG	TAA	0	0
mORF_+_449169	449169	449183	+	3	15	GTG	TAA	0	0
mORF_+_449195	449195	449302	+	2	108	TTG	TAA	0	0
mORF_+_449214	449214	449237	+	3	24	GTG	TAA	0	0
mORF_+_449343	449343	449399	+	3	57	GTG	TAA	0	0
mORF_+_449438	449438	449566	+	2	129	TTG	TGA	0	0
mORF_+_449548	449548	449850	+	1	303	GTG	TGA	0	0
mORF_+_449580	449580	449636	+	3	57	GTG	TAA	0	0
mORF_+_449636	449636	449740	+	2	105	ATG	TAG	0	0
mORF_+_449759	449759	449890	+	2	132	GTG	TAA	0	0
mORF_+_449847	449847	449993	+	3	147	GTG	TAA	0	0
mORF_+_449890	449890	450189	+	1	300	ATG	TGA	0	0
mORF_+_449912	449912	449986	+	2	75	ATG	TGA	0	0
mORF_+_449996	449996	450208	+	2	213	TTG	TAG	0	0
mORF_+_450126	450126	450170	+	3	45	TTG	TAG	0	0
mORF_+_450230	450230	450286	+	2	57	GTG	TAA	0	0
mORF_+_450253	450253	450543	+	1	291	ATG	TAA	0	0
mORF_+_450308	450308	450412	+	2	105	ATG	TAG	0	0
mORF_+_450413	450413	450502	+	2	90	ATG	TGA	0	0
mORF_+_450471	450471	450488	+	3	18	GTG	TAG	0	0
mORF_+_450503	450503	450838	+	2	336	GTG	TAA	0	0
mORF_+_450583	450583	450588	+	1	6	GTG	TGA	0	0
mORF_+_450585	450585	450608	+	3	24	GTG	TAG	0	0
mORF_+_450660	450660	450671	+	3	12	TTG	TAA	0	0
mORF_+_450693	450693	450770	+	3	78	ATG	TGA	0	0
mORF_+_450715	450715	450747	+	1	33	TTG	TAA	0	0
mORF_+_450792	450792	450827	+	3	36	ATG	TGA	0	0
mORF_+_450862	450862	450921	+	1	60	GTG	TAA	0	0
mORF_+_450876	450876	450911	+	3	36	GTG	TAA	0	0
mORF_+_450878	450878	451012	+	2	135	GTG	TAA	0	0
mORF_+_450933	450933	450980	+	3	48	TTG	TGA	0	0
mORF_+_450994	450994	451029	+	1	36	TTG	TGA	0	0
mORF_+_451023	451023	451070	+	3	48	GTG	TAA	0	0
mORF_+_451048	451048	451056	+	1	9	TTG	TAA	0	0
mORF_+_451060	451060	451065	+	1	6	ATG	TGA	0	0
mORF_+_451102	451102	451116	+	1	15	GTG	TGA	0	0
mORF_+_451113	451113	451127	+	3	15	GTG	TAA	0	0
mORF_+_451146	451146	451151	+	3	6	GTG	TAA	0	0
mORF_+_451170	451170	451196	+	3	27	ATG	TAA	0	0
mORF_+_451233	451233	451244	+	3	12	ATG	TAG	0	0
mORF_+_451263	451263	451283	+	3	21	GTG	TAA	0	0
mORF_+_451303	451303	451317	+	1	15	ATG	TAG	0	0
mORF_+_451405	451405	451437	+	1	33	GTG	TAG	0	0
mORF_+_451476	451476	451526	+	3	51	GTG	TAA	0	0
mORF_+_451484	451484	451498	+	2	15	ATG	TAA	0	0
mORF_+_451529	451529	451618	+	2	90	TTG	TAG	0	0
mORF_+_451542	451542	451583	+	3	42	GTG	TAA	0	0
mORF_+_451620	451620	451718	+	3	99	ATG	TAG	0	0
mORF_+_451633	451633	451698	+	1	66	GTG	TGA	0	0
mORF_+_451711	451711	451728	+	1	18	TTG	TGA	0	0
mORF_+_451725	451725	451838	+	3	114	ATG	TAA	0	0
mORF_+_451769	451769	451822	+	2	54	GTG	TAG	0	0
mORF_+_451825	451825	451878	+	1	54	ATG	TAA	0	0
mORF_+_451880	451880	452317	+	2	438	ATG	TAA	0	0
mORF_+_451896	451896	451982	+	3	87	GTG	TAA	0	0
mORF_+_452034	452034	452081	+	3	48	TTG	TAA	0	0
mORF_+_452130	452130	452207	+	3	78	GTG	TAA	0	0

mORF_+_452143	452143	452235	+	1	93	TTG	TAA	0	0	
mORF_+_452223	452223	452330	+	3	108	GTG	TGA	0	0	
mORF_+_452331	452331	452588	+	3	258	TTG	TAA	0	0	
mORF_+_452452	452452	452496	+	1	45	TTG	TAA	0	0	
mORF_+_452456	452456	452557	+	2	102	GTG	TAG	0	0	
mORF_+_452506	452506	452574	+	1	69	TTG	TGA	0	0	
mORF_+_452624	452624	452743	+	2	120	ATG	TGA	0	0	
mORF_+_452676	452676	452816	+	3	141	ATG	TAA	0	0	
mORF_+_452740	452740	452754	+	1	15	TTG	TAA	0	0	
mORF_+_452758	452758	452832	+	1	75	TTG	TGA	0	0	
mORF_+_452768	452768	453367	+	2	600	ATG	TAA	0	0	
mORF_+_452829	452829	452858	+	3	30	TTG	TGA	0	0	
mORF_+_452871	452871	452948	+	3	78	ATG	TAG	0	0	
mORF_+_452964	452964	453032	+	3	69	TTG	TAG	0	0	
mORF_+_453039	453039	453116	+	3	78	TTG	TAA	0	0	
mORF_+_453207	453207	453227	+	3	21	GTG	TGA	0	0	
mORF_+_453214	453214	453252	+	1	39	TTG	TAA	0	0	
mORF_+_453252	453252	453428	+	3	177	ATG	TAA	0	0	
mORF_+_453277	453277	453300	+	1	24	TTG	TAA	0	0	
mORF_+_453322	453322	453354	+	1	33	TTG	TAA	0	0	
mORF_+_453418	453418	453498	+	1	81	GTG	TGA	0	0	
mORF_+_453422	453422	453475	+	2	54	TTG	TAA	0	0	
mORF_+_453468	453468	453506	+	3	39	GTG	TAA	0	0	
mORF_+_453479	453479	453484	+	2	6	ATG	TAA	0	0	
mORF_+_453531	453531	453557	+	3	27	ATG	TAA	0	0	
mORF_+_453542	453542	453565	+	2	24	GTG	TAA	0	0	
mORF_+_453577	453577	453618	+	1	42	TTG	TAA	0	0	
mORF_+_453609	453609	453647	+	3	39	TTG	TAG	0	0	
mORF_+_453625	453625	453654	+	1	30	ATG	TAA	0	0	
mORF_+_453659	453659	453709	+	2	51	ATG	TGA	0	0	
mORF_+_453663	453663	454013	+	3	351	ATG	TAA	10	132	pORF_+_453663
mORF_+_453706	453706	453717	+	1	12	GTG	TAG	0	0	
mORF_+_453766	453766	453858	+	1	93	ATG	TGA	0	0	
mORF_+_453913	453913	454056	+	1	144	ATG	TAA	0	0	
mORF_+_453947	453947	454210	+	2	264	GTG	TAA	0	0	
mORF_+_454047	454047	454067	+	3	21	ATG	TGA	0	0	
mORF_+_454093	454093	454176	+	1	84	TTG	TAA	0	0	
mORF_+_454104	454104	454151	+	3	48	TTG	TGA	0	0	
mORF_+_454210	454210	454227	+	1	18	ATG	TGA	0	0	
mORF_+_454224	454224	454319	+	3	96	TTG	TAA	0	0	
mORF_+_454228	454228	454242	+	1	15	ATG	TGA	0	0	
mORF_+_454258	454258	454263	+	1	6	ATG	TGA	0	0	
mORF_+_454264	454264	454326	+	1	63	TTG	TGA	0	0	
mORF_+_454323	454323	454352	+	3	30	TTG	TAA	0	0	
mORF_+_454336	454336	454347	+	1	12	GTG	TGA	0	0	
mORF_+_454357	454357	455655	+	1	1299	ATG	TAA	247	13384	pORF_+_454357
mORF_+_454370	454370	454402	+	2	33	TTG	TAA	0	0	
mORF_+_454460	454460	454510	+	2	51	TTG	TGA	0	0	
mORF_+_454517	454517	454567	+	2	51	TTG	TGA	0	0	
mORF_+_454583	454583	454678	+	2	96	TTG	TAG	0	0	
mORF_+_454682	454682	454753	+	2	72	TTG	TGA	0	0	
mORF_+_454766	454766	454849	+	2	84	TTG	TAA	0	0	
mORF_+_454949	454949	455002	+	2	54	TTG	TGA	0	0	
mORF_+_455075	455075	455101	+	2	27	TTG	TGA	0	0	
mORF_+_455129	455129	455146	+	2	18	TTG	TAG	0	0	
mORF_+_455324	455324	455392	+	2	69	GTG	TAG	0	0	
mORF_+_455393	455393	455437	+	2	45	TTG	TGA	0	0	
mORF_+_455555	455555	455608	+	2	54	ATG	TGA	0	0	
mORF_+_455705	455705	455728	+	2	24	GTG	TGA	0	0	
mORF_+_455725	455725	455769	+	1	45	ATG	TAG	0	0	
mORF_+_455732	455732	455797	+	2	66	TTG	TGA	0	0	
mORF_+_455736	455736	455774	+	3	39	ATG	TAA	0	0	
mORF_+_455785	455785	456036	+	1	252	TTG	TGA	0	0	

mORF_+_455790	455790	455807	+	3	18	ATG	TGA	0	0	
mORF_+_455801	455801	455821	+	2	21	ATG	TAA	0	0	
mORF_+_455901	455901	456524	+	3	624	ATG	TGA	30	456	pORF_+_455901
mORF_+_456046	456046	456069	+	1	24	TTG	TGA	0	0	
mORF_+_456070	456070	456150	+	1	81	TTG	TGA	0	0	
mORF_+_456172	456172	456252	+	1	81	ATG	TGA	0	0	
mORF_+_456278	456278	456364	+	2	87	TTG	TGA	0	0	
mORF_+_456355	456355	456372	+	1	18	ATG	TGA	0	0	
mORF_+_456391	456391	456426	+	1	36	ATG	TAG	0	0	
mORF_+_456433	456433	456510	+	1	78	TTG	TGA	0	0	
mORF_+_456521	456521	456646	+	2	126	TTG	TGA	0	0	
mORF_+_456541	456541	456660	+	1	120	GTG	TAA	0	0	
mORF_+_456603	456603	456653	+	3	51	TTG	TGA	0	0	
mORF_+_456650	456650	457924	+	2	1275	ATG	TAA	106	1894	pORF_+_456650
mORF_+_456669	456669	456734	+	3	66	ATG	TGA	0	0	
mORF_+_456691	456691	456720	+	1	30	TTG	TGA	0	0	
mORF_+_456735	456735	457001	+	3	267	TTG	TGA	0	0	
mORF_+_456766	456766	456774	+	1	9	ATG	TGA	0	0	
mORF_+_456778	456778	456783	+	1	6	ATG	TAA	0	0	
mORF_+_457059	457059	457094	+	3	36	ATG	TGA	0	0	
mORF_+_457107	457107	457286	+	3	180	ATG	TGA	0	0	
mORF_+_457153	457153	457203	+	1	51	ATG	TGA	0	0	
mORF_+_457326	457326	457421	+	3	96	GTG	TGA	0	0	
mORF_+_457387	457387	457416	+	1	30	TTG	TAA	0	0	
mORF_+_457431	457431	457436	+	3	6	GTG	TAG	0	0	
mORF_+_457452	457452	457472	+	3	21	TTG	TAA	0	0	
mORF_+_457518	457518	457535	+	3	18	TTG	TGA	0	0	
mORF_+_457542	457542	457592	+	3	51	TTG	TGA	0	0	
mORF_+_457593	457593	457601	+	3	9	ATG	TGA	0	0	
mORF_+_457701	457701	457778	+	3	78	GTG	TAG	0	0	
mORF_+_457857	457857	457883	+	3	27	TTG	TGA	0	0	
mORF_+_457887	457887	457928	+	3	42	ATG	TAA	0	0	
mORF_+_458002	458002	458100	+	1	99	TTG	TAA	0	0	
mORF_+_458006	458006	458077	+	2	72	ATG	TGA	0	0	
mORF_+_458049	458049	458057	+	3	9	ATG	TGA	0	0	
mORF_+_458067	458067	460466	+	3	2400	GTG	TAG	152	1165	pORF_+_458067
mORF_+_458137	458137	458307	+	1	171	TTG	TAA	0	0	
mORF_+_458225	458225	458251	+	2	27	TTG	TGA	0	0	
mORF_+_458428	458428	458544	+	1	117	ATG	TGA	0	0	
mORF_+_458617	458617	458637	+	1	21	TTG	TGA	0	0	
mORF_+_458737	458737	458802	+	1	66	TTG	TGA	0	0	
mORF_+_458836	458836	458874	+	1	39	GTG	TGA	0	0	
mORF_+_458986	458986	459102	+	1	117	GTG	TGA	0	0	
mORF_+_459017	459017	459031	+	2	15	GTG	TAG	0	0	
mORF_+_459115	459115	459177	+	1	63	TTG	TAG	0	0	
mORF_+_459205	459205	459330	+	1	126	TTG	TGA	0	0	
mORF_+_459379	459379	459462	+	1	84	ATG	TAG	0	0	
mORF_+_459514	459514	459537	+	1	24	TTG	TGA	0	0	
mORF_+_459598	459598	459609	+	1	12	ATG	TGA	0	0	
mORF_+_459643	459643	459660	+	1	18	TTG	TGA	0	0	
mORF_+_459667	459667	459675	+	1	9	GTG	TGA	0	0	
mORF_+_459721	459721	459807	+	1	87	GTG	TAA	0	0	
mORF_+_459764	459764	459781	+	2	18	GTG	TAA	0	0	
mORF_+_459838	459838	459906	+	1	69	ATG	TAA	0	0	
mORF_+_459917	459917	459937	+	2	21	GTG	TGA	0	0	
mORF_+_459934	459934	459945	+	1	12	GTG	TGA	0	0	
mORF_+_459949	459949	459984	+	1	36	TTG	TGA	0	0	
mORF_+_459959	459959	459973	+	2	15	ATG	TAA	0	0	
mORF_+_460048	460048	460188	+	1	141	GTG	TGA	0	0	
mORF_+_460163	460163	460195	+	2	33	GTG	TAA	0	0	
mORF_+_460204	460204	460221	+	1	18	GTG	TGA	0	0	
mORF_+_460225	460225	460269	+	1	45	GTG	TGA	0	0	
mORF_+_460366	460366	460392	+	1	27	TTG	TGA	0	0	

mORF_+_460399	460399	460413	+	1	15	TTG	TGA	0	0	
mORF_+_460429	460429	460455	+	1	27	ATG	TGA	0	0	
mORF_+_460466	460466	460489	+	2	24	GTG	TAA	0	0	
mORF_+_460520	460520	460606	+	2	87	TTG	TGA	0	0	
mORF_+_460534	460534	460545	+	1	12	TTG	TAA	0	0	
mORF_+_460551	460551	460577	+	3	27	ATG	TAA	0	0	
mORF_+_460581	460581	460589	+	3	9	GTG	TAA	0	0	
mORF_+_460594	460594	460611	+	1	18	ATG	TAA	0	0	
mORF_+_460630	460630	460653	+	1	24	TTG	TAA	0	0	
mORF_+_460643	460643	460660	+	2	18	GTG	TAA	0	0	
mORF_+_460675	460675	460947	+	1	273	GTG	TAA	47	10879	pORF_+_460675
mORF_+_460703	460703	460750	+	2	48	TTG	TAG	0	0	
mORF_+_460751	460751	460771	+	2	21	ATG	TAA	0	0	
mORF_+_460793	460793	460801	+	2	9	ATG	TAG	0	0	
mORF_+_460814	460814	460930	+	2	117	TTG	TGA	0	0	
mORF_+_460951	460951	460971	+	1	21	TTG	TGA	0	0	
mORF_+_460968	460968	461045	+	3	78	GTG	TGA	0	0	
mORF_+_460996	460996	461073	+	1	78	ATG	TAG	0	0	
mORF_+_461049	461049	461102	+	3	54	TTG	TGA	0	0	
mORF_+_461078	461078	461257	+	2	180	TTG	TAA	0	0	
mORF_+_461095	461095	461142	+	1	48	TTG	TGA	0	0	
mORF_+_461139	461139	463010	+	3	1872	ATG	TAA	99	1041	pORF_+_461139
mORF_+_461230	461230	461241	+	1	12	GTG	TGA	0	0	
mORF_+_461242	461242	461274	+	1	33	TTG	TGA	0	0	
mORF_+_461275	461275	461391	+	1	117	ATG	TGA	0	0	
mORF_+_461455	461455	461463	+	1	9	GTG	TGA	0	0	
mORF_+_461479	461479	461580	+	1	102	ATG	TGA	0	0	
mORF_+_461644	461644	461667	+	1	24	TTG	TGA	0	0	
mORF_+_461671	461671	461766	+	1	96	GTG	TGA	0	0	
mORF_+_461779	461779	461817	+	1	39	TTG	TGA	0	0	
mORF_+_461854	461854	462006	+	1	153	ATG	TGA	0	0	
mORF_+_462016	462016	462033	+	1	18	GTG	TAG	0	0	
mORF_+_462086	462086	462244	+	2	159	TTG	TGA	0	0	
mORF_+_462097	462097	462120	+	1	24	ATG	TGA	0	0	
mORF_+_462124	462124	462135	+	1	12	ATG	TGA	0	0	
mORF_+_462157	462157	462186	+	1	30	GTG	TGA	0	0	
mORF_+_462187	462187	462222	+	1	36	TTG	TGA	0	0	
mORF_+_462241	462241	462264	+	1	24	GTG	TGA	0	0	
mORF_+_462283	462283	462312	+	1	30	ATG	TGA	0	0	
mORF_+_462316	462316	462423	+	1	108	ATG	TGA	0	0	
mORF_+_462389	462389	462406	+	2	18	TTG	TAA	0	0	
mORF_+_462436	462436	462468	+	1	33	TTG	TAG	0	0	
mORF_+_462469	462469	462513	+	1	45	GTG	TAG	0	0	
mORF_+_462580	462580	462669	+	1	90	ATG	TGA	0	0	
mORF_+_462682	462682	462711	+	1	30	GTG	TGA	0	0	
mORF_+_462715	462715	462735	+	1	21	TTG	TAA	0	0	
mORF_+_462748	462748	462864	+	1	117	GTG	TGA	0	0	
mORF_+_462940	462940	462951	+	1	12	TTG	TGA	0	0	
mORF_+_462985	462985	463050	+	1	66	TTG	TAA	0	0	
mORF_+_463034	463034	463129	+	2	96	ATG	TGA	0	0	
mORF_+_463092	463092	463124	+	3	33	TTG	TAA	0	0	
mORF_+_463099	463099	463164	+	1	66	TTG	TGA	0	0	
mORF_+_463161	463161	463532	+	3	372	ATG	TAA	0	0	
mORF_+_463207	463207	463266	+	1	60	GTG	TAG	0	0	
mORF_+_463324	463324	463377	+	1	54	GTG	TAG	0	0	
mORF_+_463390	463390	463404	+	1	15	ATG	TGA	0	0	
mORF_+_463420	463420	463470	+	1	51	TTG	TAA	0	0	
mORF_+_463538	463538	463567	+	2	30	TTG	TGA	0	0	
mORF_+_463545	463545	463613	+	3	69	GTG	TAA	0	0	
mORF_+_463619	463619	463699	+	2	81	TTG	TGA	0	0	
mORF_+_463626	463626	464024	+	3	399	ATG	TAA	1	6	pORF_+_463626
mORF_+_463648	463648	463758	+	1	111	GTG	TGA	0	0	
mORF_+_463751	463751	463768	+	2	18	GTG	TAA	0	0	

mORF_+_463825	463825	463836	+	1	12	GTG	TAA	0	0
mORF_+_463927	463927	463977	+	1	51	ATG	TAG	0	0
mORF_+_463946	463946	463954	+	2	9	TTG	TGA	0	0
mORF_+_464030	464030	464197	+	2	168	TTG	TAA	0	0
mORF_+_464032	464032	464136	+	1	105	GTG	TAA	0	0
mORF_+_464136	464136	464159	+	3	24	ATG	TAA	0	0
mORF_+_464149	464149	464178	+	1	30	TTG	TGA	0	0
mORF_+_464175	464175	464234	+	3	60	ATG	TAA	0	0
mORF_+_464242	464242	464250	+	1	9	TTG	TAA	0	0
mORF_+_464323	464323	464382	+	1	60	ATG	TAG	0	0
mORF_+_464340	464340	464348	+	3	9	ATG	TAG	0	0
mORF_+_464348	464348	464413	+	2	66	GTG	TAA	0	0
mORF_+_464447	464447	464560	+	2	114	TTG	TGA	0	0
mORF_+_464536	464536	464664	+	1	129	ATG	TGA	0	0
mORF_+_464598	464598	464708	+	3	111	ATG	TAA	0	0
mORF_+_464606	464606	464749	+	2	144	GTG	TGA	0	0
mORF_+_464725	464725	464739	+	1	15	GTG	TGA	0	0
mORF_+_464784	464784	464870	+	3	87	TTG	TAA	0	0
mORF_+_464839	464839	464976	+	1	138	TTG	TAA	0	0
mORF_+_464889	464889	464927	+	3	39	GTG	TAA	0	0
mORF_+_464927	464927	464935	+	2	9	ATG	TAG	0	0
mORF_+_464942	464942	465217	+	2	276	TTG	TGA	0	0
mORF_+_465031	465031	465057	+	1	27	TTG	TAG	0	0
mORF_+_465045	465045	465167	+	3	123	GTG	TGA	0	0
mORF_+_465058	465058	465150	+	1	93	ATG	TAA	0	0
mORF_+_465175	465175	465186	+	1	12	GTG	TAG	0	0
mORF_+_465177	465177	465224	+	3	48	GTG	TAA	0	0
mORF_+_465214	465214	465264	+	1	51	ATG	TAG	0	0
mORF_+_465225	465225	465230	+	3	6	TTG	TGA	0	0
mORF_+_465227	465227	465283	+	2	57	GTG	TGA	0	0
mORF_+_465252	465252	465332	+	3	81	GTG	TGA	0	0
mORF_+_465280	465280	465297	+	1	18	ATG	TAG	0	0
mORF_+_465298	465298	465327	+	1	30	GTG	TAG	0	0
mORF_+_465329	465329	465385	+	2	57	TTG	TGA	0	0
mORF_+_465352	465352	465378	+	1	27	ATG	TAA	0	0
mORF_+_465378	465378	465395	+	3	18	ATG	TGA	0	0
mORF_+_465382	465382	465417	+	1	36	ATG	TAA	0	0
mORF_+_465392	465392	465439	+	2	48	GTG	TGA	0	0
mORF_+_465421	465421	465426	+	1	6	TTG	TAA	0	0
mORF_+_465436	465436	465519	+	1	84	TTG	TAA	0	0
mORF_+_465446	465446	465508	+	2	63	ATG	TAG	0	0
mORF_+_465524	465524	465667	+	2	144	ATG	TGA	0	0
mORF_+_465550	465550	465672	+	1	123	TTG	TAA	0	0
mORF_+_465673	465673	465726	+	1	54	ATG	TAA	0	0
mORF_+_465713	465713	465784	+	2	72	GTG	TAG	0	0
mORF_+_465720	465720	465854	+	3	135	GTG	TGA	0	0
mORF_+_465757	465757	465825	+	1	69	TTG	TAA	0	0
mORF_+_465847	465847	465882	+	1	36	ATG	TAA	0	0
mORF_+_465851	465851	465886	+	2	36	GTG	TGA	0	0
mORF_+_465883	465883	465906	+	1	24	TTG	TAA	0	0
mORF_+_465891	465891	466010	+	3	120	GTG	TAG	0	0
mORF_+_465925	465925	465930	+	1	6	GTG	TAA	0	0
mORF_+_465931	465931	465936	+	1	6	GTG	TGA	0	0
mORF_+_465958	465958	465969	+	1	12	ATG	TAG	0	0
mORF_+_466021	466021	466032	+	1	12	GTG	TAA	0	0
mORF_+_466099	466099	466137	+	1	39	ATG	TAG	0	0
mORF_+_466172	466172	466402	+	2	231	GTG	TGA	0	0
mORF_+_466176	466176	466205	+	3	30	GTG	TAA	0	0
mORF_+_466186	466186	466215	+	1	30	TTG	TAA	0	0
mORF_+_466243	466243	466311	+	1	69	TTG	TAG	0	0
mORF_+_466284	466284	466325	+	3	42	GTG	TGA	0	0
mORF_+_466339	466339	466362	+	1	24	TTG	TGA	0	0
mORF_+_466395	466395	466460	+	3	66	GTG	TGA	0	0

mORF_+_466420	466420	466611	+	1	192	ATG	TAA	0	0	
mORF_+_466463	466463	466507	+	2	45	GTG	TGA	0	0	
mORF_+_466523	466523	466540	+	2	18	TTG	TAA	0	0	
mORF_+_466614	466614	466658	+	3	45	GTG	TGA	0	0	
mORF_+_466624	466624	467454	+	1	831	GTG	TAA	0	0	
mORF_+_466655	466655	466678	+	2	24	TTG	TGA	0	0	
mORF_+_466697	466697	466822	+	2	126	GTG	TGA	0	0	
mORF_+_466859	466859	467032	+	2	174	GTG	TAA	0	0	
mORF_+_466920	466920	466955	+	3	36	ATG	TGA	0	0	
mORF_+_466962	466962	467012	+	3	51	TTG	TAG	0	0	
mORF_+_467036	467036	467134	+	2	99	ATG	TAG	0	0	
mORF_+_467141	467141	467215	+	2	75	GTG	TGA	0	0	
mORF_+_467151	467151	467201	+	3	51	GTG	TAA	0	0	
mORF_+_467253	467253	467270	+	3	18	TTG	TGA	0	0	
mORF_+_467264	467264	467278	+	2	15	TTG	TGA	0	0	
mORF_+_467327	467327	467371	+	2	45	ATG	TGA	0	0	
mORF_+_467372	467372	467410	+	2	39	TTG	TGA	0	0	
mORF_+_467379	467379	468065	+	3	687	TTG	TAA	0	0	
mORF_+_467480	467480	467530	+	2	51	TTG	TAA	0	0	
mORF_+_467494	467494	467502	+	1	9	TTG	TGA	0	0	
mORF_+_467515	467515	467544	+	1	30	GTG	TAA	0	0	
mORF_+_467546	467546	467554	+	2	9	TTG	TGA	0	0	
mORF_+_467551	467551	467571	+	1	21	GTG	TAA	0	0	
mORF_+_467596	467596	467613	+	1	18	GTG	TAG	0	0	
mORF_+_467620	467620	467697	+	1	78	TTG	TGA	0	0	
mORF_+_467654	467654	467683	+	2	30	TTG	TGA	0	0	
mORF_+_467708	467708	467911	+	2	204	TTG	TGA	0	0	
mORF_+_467806	467806	467814	+	1	9	TTG	TGA	0	0	
mORF_+_467854	467854	467925	+	1	72	TTG	TGA	0	0	
mORF_+_467938	467938	467949	+	1	12	TTG	TGA	0	0	
mORF_+_468095	468095	469867	+	2	1773	GTG	TAG	1	0	pORF_+_468095
mORF_+_468105	468105	468116	+	3	12	TTG	TAA	0	0	
mORF_+_468136	468136	468366	+	1	231	ATG	TGA	0	0	
mORF_+_468168	468168	468233	+	3	66	TTG	TGA	0	0	
mORF_+_468291	468291	468395	+	3	105	TTG	TAA	0	0	
mORF_+_468435	468435	468503	+	3	69	GTG	TGA	0	0	
mORF_+_468633	468633	468722	+	3	90	ATG	TGA	0	0	
mORF_+_468732	468732	468911	+	3	180	TTG	TAA	0	0	
mORF_+_468886	468886	468990	+	1	105	TTG	TAA	0	0	
mORF_+_468993	468993	469058	+	3	66	TTG	TGA	0	0	
mORF_+_469062	469062	469106	+	3	45	ATG	TAA	0	0	
mORF_+_469281	469281	469295	+	3	15	ATG	TGA	0	0	
mORF_+_469393	469393	469422	+	1	30	TTG	TGA	0	0	
mORF_+_469401	469401	469439	+	3	39	ATG	TAG	0	0	
mORF_+_469449	469449	469508	+	3	60	ATG	TGA	0	0	
mORF_+_469542	469542	469559	+	3	18	TTG	TAG	0	0	
mORF_+_469581	469581	469667	+	3	87	TTG	TAA	0	0	
mORF_+_469645	469645	469710	+	1	66	GTG	TGA	0	0	
mORF_+_469674	469674	469697	+	3	24	GTG	TGA	0	0	
mORF_+_469707	469707	469721	+	3	15	GTG	TGA	0	0	
mORF_+_469746	469746	471641	+	3	1896	GTG	TGA	2	6	pORF_+_469746
mORF_+_469880	469880	469927	+	2	48	GTG	TAA	0	0	
mORF_+_469939	469939	469950	+	1	12	TTG	TGA	0	0	
mORF_+_469955	469955	470032	+	2	78	GTG	TAA	0	0	
mORF_+_469960	469960	470022	+	1	63	TTG	TAG	0	0	
mORF_+_470050	470050	470142	+	1	93	TTG	TAG	0	0	
mORF_+_470176	470176	470199	+	1	24	ATG	TAA	0	0	
mORF_+_470206	470206	470232	+	1	27	TTG	TGA	0	0	
mORF_+_470248	470248	470262	+	1	15	ATG	TGA	0	0	
mORF_+_470305	470305	470376	+	1	72	GTG	TAA	0	0	
mORF_+_470434	470434	470502	+	1	69	TTG	TGA	0	0	
mORF_+_470536	470536	470628	+	1	93	TTG	TGA	0	0	
mORF_+_470651	470651	470698	+	2	48	TTG	TGA	0	0	

mORF_+_470653	470653	470664	+	1	12	GTG	TGA	0	0	
mORF_+_470671	470671	470754	+	1	84	TTG	TAA	0	0	
mORF_+_470794	470794	470823	+	1	30	TTG	TGA	0	0	
mORF_+_470845	470845	470931	+	1	87	ATG	TAA	0	0	
mORF_+_470965	470965	471021	+	1	57	TTG	TGA	0	0	
mORF_+_471046	471046	471075	+	1	30	GTG	TAA	0	0	
mORF_+_471295	471295	471354	+	1	60	TTG	TGA	0	0	
mORF_+_471358	471358	471447	+	1	90	TTG	TAG	0	0	
mORF_+_471451	471451	471633	+	1	183	TTG	TGA	0	0	
mORF_+_471661	471661	471723	+	1	63	TTG	TAA	0	0	
mORF_+_471672	471672	471677	+	3	6	ATG	TAA	0	0	
mORF_+_471684	471684	472160	+	3	477	GTG	TAA	1	0	pORF_+_471684
mORF_+_471781	471781	471786	+	1	6	GTG	TAG	0	0	
mORF_+_471871	471871	471906	+	1	36	GTG	TGA	0	0	
mORF_+_471946	471946	471999	+	1	54	ATG	TAA	0	0	
mORF_+_472003	472003	472041	+	1	39	TTG	TGA	0	0	
mORF_+_472078	472078	472275	+	1	198	TTG	TAA	0	0	
mORF_+_472190	472190	473476	+	2	1287	ATG	TAA	0	0	
mORF_+_472218	472218	472250	+	3	33	TTG	TAA	0	0	
mORF_+_472284	472284	472295	+	3	12	ATG	TGA	0	0	
mORF_+_472300	472300	472464	+	1	165	TTG	TGA	0	0	
mORF_+_472338	472338	472361	+	3	24	TTG	TGA	0	0	
mORF_+_472410	472410	472499	+	3	90	TTG	TGA	0	0	
mORF_+_472575	472575	472598	+	3	24	TTG	TGA	0	0	
mORF_+_472602	472602	472643	+	3	42	TTG	TGA	0	0	
mORF_+_472657	472657	472764	+	1	108	ATG	TAA	0	0	
mORF_+_472683	472683	472799	+	3	117	TTG	TGA	0	0	
mORF_+_472888	472888	472902	+	1	15	TTG	TAA	0	0	
mORF_+_472893	472893	472952	+	3	60	TTG	TGA	0	0	
mORF_+_472983	472983	473072	+	3	90	TTG	TGA	0	0	
mORF_+_473002	473002	473019	+	1	18	ATG	TAA	0	0	
mORF_+_473038	473038	473184	+	1	147	GTG	TGA	0	0	
mORF_+_473091	473091	473111	+	3	21	TTG	TGA	0	0	
mORF_+_473181	473181	473240	+	3	60	ATG	TGA	0	0	
mORF_+_473215	473215	473286	+	1	72	TTG	TGA	0	0	
mORF_+_473250	473250	473294	+	3	45	TTG	TGA	0	0	
mORF_+_473355	473355	473393	+	3	39	GTG	TGA	0	0	
mORF_+_473397	473397	473528	+	3	132	TTG	TAA	0	0	
mORF_+_473529	473529	473534	+	3	6	TTG	TGA	0	0	
mORF_+_473531	473531	473752	+	2	222	GTG	TAG	0	0	
mORF_+_473614	473614	473670	+	1	57	GTG	TAA	0	0	
mORF_+_473631	473631	473714	+	3	84	GTG	TGA	0	0	
mORF_+_473736	473736	473786	+	3	51	ATG	TAA	0	0	
mORF_+_473801	473801	474295	+	2	495	ATG	TAA	0	0	
mORF_+_473833	473833	473931	+	1	99	TTG	TGA	0	0	
mORF_+_473928	473928	474035	+	3	108	ATG	TGA	0	0	
mORF_+_474025	474025	474105	+	1	81	TTG	TAG	0	0	
mORF_+_474090	474090	474101	+	3	12	TTG	TGA	0	0	
mORF_+_474244	474244	474432	+	1	189	TTG	TGA	0	0	
mORF_+_474429	474429	474509	+	3	81	TTG	TGA	0	0	
mORF_+_474446	474446	474586	+	2	141	TTG	TGA	0	0	
mORF_+_474460	474460	474477	+	1	18	ATG	TGA	0	0	
mORF_+_474502	474502	474528	+	1	27	ATG	TGA	0	0	
mORF_+_474513	474513	474545	+	3	33	GTG	TAA	0	0	
mORF_+_474583	474583	474606	+	1	24	TTG	TGA	0	0	
mORF_+_474599	474599	474667	+	2	69	ATG	TAA	0	0	
mORF_+_474603	474603	475175	+	3	573	ATG	TAA	11	101	pORF_+_474603
mORF_+_474625	474625	474633	+	1	9	GTG	TAG	0	0	
mORF_+_474637	474637	474807	+	1	171	TTG	TGA	0	0	
mORF_+_474838	474838	474957	+	1	120	ATG	TGA	0	0	
mORF_+_474958	474958	474975	+	1	18	GTG	TGA	0	0	
mORF_+_474976	474976	475017	+	1	42	ATG	TGA	0	0	
mORF_+_475093	475093	475137	+	1	45	GTG	TGA	0	0	

mORF_+_475239	475239	475277	+	3	39	TTG	TAA	0	0
mORF_+_475277	475277	475336	+	2	60	ATG	TAA	0	0
mORF_+_475321	475321	475443	+	1	123	GTG	TAA	0	0
mORF_+_475326	475326	475355	+	3	30	GTG	TAA	0	0
mORF_+_475444	475444	475455	+	1	12	GTG	TAG	0	0
mORF_+_475479	475479	475502	+	3	24	TTG	TGA	0	0
mORF_+_475499	475499	475837	+	2	339	ATG	TAA	0	0
mORF_+_475566	475566	475748	+	3	183	GTG	TGA	0	0
mORF_+_475606	475606	475620	+	1	15	ATG	TAG	0	0
mORF_+_475651	475651	475767	+	1	117	TTG	TAG	0	0
mORF_+_475752	475752	475847	+	3	96	GTG	TGA	0	0
mORF_+_475859	475859	475909	+	2	51	TTG	TGA	0	0
mORF_+_475896	475896	476249	+	3	354	ATG	TAG	0	0
mORF_+_475903	475903	476049	+	1	147	ATG	TGA	0	0
mORF_+_476015	476015	476086	+	2	72	ATG	TGA	0	0
mORF_+_476083	476083	476154	+	1	72	ATG	TGA	0	0
mORF_+_476197	476197	476214	+	1	18	TTG	TGA	0	0
mORF_+_476218	476218	476253	+	1	36	ATG	TAG	0	0
mORF_+_476255	476255	476317	+	2	63	GTG	TAA	0	0
mORF_+_476265	476265	476348	+	3	84	GTG	TAG	0	0
mORF_+_476272	476272	476460	+	1	189	GTG	TGA	0	0
mORF_+_476366	476366	476386	+	2	21	GTG	TAA	0	0
mORF_+_476396	476396	476542	+	2	147	TTG	TAA	0	0
mORF_+_476457	476457	476546	+	3	90	ATG	TAA	0	0
mORF_+_476554	476554	476661	+	1	108	TTG	TGA	0	0
mORF_+_476591	476591	476836	+	2	246	ATG	TAG	0	0
mORF_+_476658	476658	476693	+	3	36	GTG	TGA	0	0
mORF_+_476700	476700	476789	+	3	90	TTG	TGA	0	0
mORF_+_476779	476779	476829	+	1	51	GTG	TAA	0	0
mORF_+_476842	476842	476880	+	1	39	ATG	TAA	0	0
mORF_+_476861	476861	476893	+	2	33	TTG	TGA	0	0
mORF_+_476890	476890	477009	+	1	120	GTG	TAG	0	0
mORF_+_476949	476949	476978	+	3	30	TTG	TGA	0	0
mORF_+_476981	476981	477034	+	2	54	GTG	TGA	0	0
mORF_+_477031	477031	477111	+	1	81	GTG	TAA	0	0
mORF_+_477116	477116	477151	+	2	36	TTG	TGA	0	0
mORF_+_477148	477148	477162	+	1	15	TTG	TGA	0	0
mORF_+_477159	477159	477203	+	3	45	GTG	TAA	0	0
mORF_+_477204	477204	477266	+	3	63	ATG	TGA	0	0
mORF_+_477224	477224	477247	+	2	24	ATG	TAG	0	0
mORF_+_477235	477235	477255	+	1	21	GTG	TAA	0	0
mORF_+_477288	477288	477344	+	3	57	ATG	TAG	0	0
mORF_+_477299	477299	477337	+	2	39	ATG	TGA	0	0
mORF_+_477334	477334	477351	+	1	18	ATG	TGA	0	0
mORF_+_477348	477348	477389	+	3	42	ATG	TAA	0	0
mORF_+_477389	477389	477430	+	2	42	ATG	TAA	0	0
mORF_+_477391	477391	477423	+	1	33	GTG	TAA	0	0
mORF_+_477402	477402	477416	+	3	15	ATG	TAA	0	0
mORF_+_477423	477423	477461	+	3	39	ATG	TAA	0	0
mORF_+_477437	477437	477448	+	2	12	ATG	TAA	0	0
mORF_+_477442	477442	477606	+	1	165	ATG	TGA	0	0
mORF_+_477512	477512	477772	+	2	261	ATG	TAA	0	0
mORF_+_477540	477540	477554	+	3	15	TTG	TAA	0	0
mORF_+_477603	477603	477713	+	3	111	ATG	TAG	0	0
mORF_+_477670	477670	477696	+	1	27	GTG	TAG	0	0
mORF_+_477736	477736	477816	+	1	81	ATG	TAA	0	0
mORF_+_477765	477765	478016	+	3	252	ATG	TGA	0	0
mORF_+_477827	477827	477868	+	2	42	ATG	TAG	0	0
mORF_+_477832	477832	477858	+	1	27	GTG	TAA	0	0
mORF_+_477884	477884	477910	+	2	27	TTG	TAA	0	0
mORF_+_477886	477886	477918	+	1	33	GTG	TAG	0	0
mORF_+_477931	477931	477939	+	1	9	ATG	TGA	0	0
mORF_+_477943	477943	477966	+	1	24	GTG	TGA	0	0

mORF_+_477956	477956	477997	+	2	42	TTG	TAA	0	0
mORF_+_478010	478010	478036	+	2	27	ATG	TAA	0	0
mORF_+_478080	478080	478271	+	3	192	TTG	TAA	0	0
mORF_+_478126	478126	478182	+	1	57	ATG	TAG	0	0
mORF_+_478226	478226	478258	+	2	33	GTG	TAA	0	0
mORF_+_478330	478330	478524	+	1	195	GTG	TAA	0	0
mORF_+_478371	478371	478535	+	3	165	ATG	TAG	0	0
mORF_+_478487	478487	478549	+	2	63	GTG	TAA	0	0
mORF_+_478566	478566	478604	+	3	39	TTG	TAA	0	0
mORF_+_478577	478577	478819	+	2	243	TTG	TAG	0	0
mORF_+_478653	478653	478658	+	3	6	TTG	TGA	0	0
mORF_+_478785	478785	478865	+	3	81	GTG	TAG	0	0
mORF_+_478804	478804	478986	+	1	183	ATG	TAG	0	0
mORF_+_478856	478856	478930	+	2	75	ATG	TAG	0	0
mORF_+_478950	478950	479051	+	3	102	TTG	TAA	0	0
mORF_+_478999	478999	479010	+	1	12	TTG	TAA	0	0
mORF_+_479012	479012	479035	+	2	24	GTG	TGA	0	0
mORF_+_479014	479014	479082	+	1	69	GTG	TAA	0	0
mORF_+_479036	479036	479047	+	2	12	TTG	TGA	0	0
mORF_+_479135	479135	479197	+	2	63	GTG	TGA	0	0
mORF_+_479194	479194	479337	+	1	144	GTG	TGA	0	0
mORF_+_479220	479220	479225	+	3	6	GTG	TGA	0	0
mORF_+_479222	479222	479239	+	2	18	GTG	TAG	0	0
mORF_+_479243	479243	479293	+	2	51	ATG	TAG	0	0
mORF_+_479348	479348	479389	+	2	42	TTG	TGA	0	0
mORF_+_479386	479386	479400	+	1	15	GTG	TGA	0	0
mORF_+_479465	479465	479503	+	2	39	GTG	TAA	0	0
mORF_+_479472	479472	479552	+	3	81	TTG	TAA	0	0
mORF_+_479543	479543	479569	+	2	27	ATG	TAA	0	0
mORF_+_479595	479595	479642	+	3	48	TTG	TGA	0	0
mORF_+_479685	479685	479750	+	3	66	GTG	TAA	0	0
mORF_+_479755	479755	479802	+	1	48	GTG	TGA	0	0
mORF_+_479771	479771	479920	+	2	150	ATG	TGA	0	0
mORF_+_479799	479799	479834	+	3	36	TTG	TGA	0	0
mORF_+_479812	479812	479892	+	1	81	TTG	TAA	0	0
mORF_+_479835	479835	479867	+	3	33	TTG	TGA	0	0
mORF_+_479896	479896	479934	+	1	39	GTG	TAA	0	0
mORF_+_479913	479913	479957	+	3	45	TTG	TGA	0	0
mORF_+_479954	479954	479962	+	2	9	TTG	TAA	0	0
mORF_+_479978	479978	479995	+	2	18	ATG	TGA	0	0
mORF_+_480003	480003	480026	+	3	24	TTG	TAA	0	0
mORF_+_480041	480041	480163	+	2	123	TTG	TAA	0	0
mORF_+_480145	480145	480219	+	1	75	TTG	TGA	0	0
mORF_+_480222	480222	480230	+	3	9	ATG	TAA	0	0
mORF_+_480241	480241	480282	+	1	42	ATG	TAA	0	0
mORF_+_480283	480283	480300	+	1	18	ATG	TAA	0	0
mORF_+_480349	480349	480369	+	1	21	ATG	TAA	0	0
mORF_+_480362	480362	480394	+	2	33	GTG	TGA	0	0
mORF_+_480396	480396	480530	+	3	135	TTG	TAA	0	0
mORF_+_480418	480418	480438	+	1	21	ATG	TAA	0	0
mORF_+_480431	480431	480484	+	2	54	ATG	TGA	0	0
mORF_+_480481	480481	480714	+	1	234	ATG	TAA	0	0
mORF_+_480521	480521	480853	+	2	333	TTG	TAA	0	0
mORF_+_480573	480573	480656	+	3	84	TTG	TGA	0	0
mORF_+_480828	480828	480833	+	3	6	TTG	TGA	0	0
mORF_+_480860	480860	481036	+	2	177	TTG	TGA	0	0
mORF_+_481002	481002	481073	+	3	72	GTG	TAG	0	0
mORF_+_481079	481079	481174	+	2	96	TTG	TAA	0	0
mORF_+_481090	481090	481146	+	1	57	TTG	TAA	0	0
mORF_+_481107	481107	481310	+	3	204	TTG	TGA	0	0
mORF_+_481307	481307	481315	+	2	9	ATG	TAA	0	0
mORF_+_481368	481368	481391	+	3	24	ATG	TAA	0	0
mORF_+_481382	481382	481540	+	2	159	GTG	TGA	0	0

mORF_+_481473	481473	481631	+	3	159	TTG	TAA	0	0	
mORF_+_481501	481501	482202	+	1	702	GTG	TGA	0	0	
mORF_+_481652	481652	481765	+	2	114	TTG	TGA	0	0	
mORF_+_481671	481671	481688	+	3	18	GTG	TAA	0	0	
mORF_+_481814	481814	481837	+	2	24	TTG	TAG	0	0	
mORF_+_481853	481853	481900	+	2	48	TTG	TGA	0	0	
mORF_+_481866	481866	481913	+	3	48	GTG	TAA	0	0	
mORF_+_481904	481904	481969	+	2	66	ATG	TAG	0	0	
mORF_+_481947	481947	481988	+	3	42	TTG	TGA	0	0	
mORF_+_481973	481973	482008	+	2	36	ATG	TAA	0	0	
mORF_+_482045	482045	482050	+	2	6	GTG	TAG	0	0	
mORF_+_482057	482057	482116	+	2	60	GTG	TGA	0	0	
mORF_+_482123	482123	482224	+	2	102	TTG	TGA	0	0	
mORF_+_482196	482196	482213	+	3	18	TTG	TAA	0	0	
mORF_+_482346	482346	482372	+	3	27	TTG	TAA	0	0	
mORF_+_482399	482399	482617	+	2	219	ATG	TGA	0	0	
mORF_+_482445	482445	482567	+	3	123	TTG	TAA	0	0	
mORF_+_482614	482614	483036	+	1	423	GTG	TAG	0	0	
mORF_+_482639	482639	482656	+	2	18	GTG	TAA	0	0	
mORF_+_482649	482649	482756	+	3	108	ATG	TGA	0	0	
mORF_+_482753	482753	482806	+	2	54	TTG	TAG	0	0	
mORF_+_482885	482885	482920	+	2	36	TTG	TGA	0	0	
mORF_+_483005	483005	483103	+	2	99	TTG	TGA	0	0	
mORF_+_483087	483087	483131	+	3	45	GTG	TGA	0	0	
mORF_+_483131	483131	483160	+	2	30	ATG	TAG	0	0	
mORF_+_483182	483182	483262	+	2	81	ATG	TGA	0	0	
mORF_+_483231	483231	483359	+	3	129	ATG	TGA	0	0	
mORF_+_483253	483253	483648	+	1	396	TTG	TAA	0	0	
mORF_+_483299	483299	483313	+	2	15	TTG	TGA	0	0	
mORF_+_483356	483356	483484	+	2	129	GTG	TAG	0	0	
mORF_+_483441	483441	483521	+	3	81	GTG	TAG	0	0	
mORF_+_483542	483542	483634	+	2	93	TTG	TAA	0	0	
mORF_+_483657	483657	483674	+	3	18	TTG	TGA	0	0	
mORF_+_483682	483682	483711	+	1	30	TTG	TAA	0	0	
mORF_+_483689	483689	483925	+	2	237	TTG	TAA	0	0	
mORF_+_483718	483718	483819	+	1	102	GTG	TAG	0	0	
mORF_+_483826	483826	483930	+	1	105	TTG	TAG	0	0	
mORF_+_483852	483852	483992	+	3	141	TTG	TGA	0	0	
mORF_+_483934	483934	483942	+	1	9	TTG	TAA	0	0	
mORF_+_483958	483958	484011	+	1	54	GTG	TAG	0	0	
mORF_+_483989	483989	484018	+	2	30	GTG	TAG	0	0	
mORF_+_484020	484020	484040	+	3	21	GTG	TGA	0	0	
mORF_+_484089	484089	484208	+	3	120	ATG	TAG	0	0	
mORF_+_484108	484108	484305	+	1	198	GTG	TAA	0	0	
mORF_+_484133	484133	484780	+	2	648	TTG	TAG	0	0	
mORF_+_484293	484293	484328	+	3	36	ATG	TAA	0	0	
mORF_+_484335	484335	484412	+	3	78	TTG	TGA	0	0	
mORF_+_484431	484431	484439	+	3	9	ATG	TGA	0	0	
mORF_+_484485	484485	484541	+	3	57	TTG	TGA	0	0	
mORF_+_484531	484531	484602	+	1	72	ATG	TGA	0	0	
mORF_+_484584	484584	484634	+	3	51	ATG	TGA	0	0	
mORF_+_484665	484665	485204	+	3	540	GTG	TAG	1	3	pORF_+_484665
mORF_+_484684	484684	484689	+	1	6	TTG	TGA	0	0	
mORF_+_484844	484844	484849	+	2	6	ATG	TAA	0	0	
mORF_+_484879	484879	484893	+	1	15	ATG	TAA	0	0	
mORF_+_484924	484924	485142	+	1	219	GTG	TAA	0	0	
mORF_+_484952	484952	484957	+	2	6	ATG	TAA	0	0	
mORF_+_484985	484985	485632	+	2	648	ATG	TAA	0	0	
mORF_+_485208	485208	485252	+	3	45	TTG	TAA	0	0	
mORF_+_485268	485268	485288	+	3	21	ATG	TGA	0	0	
mORF_+_485332	485332	485379	+	1	48	ATG	TAA	0	0	
mORF_+_485340	485340	485408	+	3	69	TTG	TAG	0	0	
mORF_+_485425	485425	485433	+	1	9	TTG	TGA	0	0	

mORF_+_485430	485430	485459	+	3	30	TTG	TAA	0	0	
mORF_+_485523	485523	485717	+	3	195	TTG	TGA	0	0	
mORF_+_485596	485596	485613	+	1	18	GTG	TAA	0	0	
mORF_+_485675	485675	485701	+	2	27	TTG	TGA	0	0	
mORF_+_485698	485698	485763	+	1	66	GTG	TGA	0	0	
mORF_+_485714	485714	485878	+	2	165	TTG	TGA	0	0	
mORF_+_485760	485760	489122	+	3	3363	ATG	TAA	22	49	pORF_+_485760
mORF_+_485797	485797	485922	+	1	126	TTG	TAA	0	0	
mORF_+_486100	486100	486135	+	1	36	ATG	TGA	0	0	
mORF_+_486169	486169	486369	+	1	201	TTG	TAA	0	0	
mORF_+_486394	486394	486477	+	1	84	ATG	TGA	0	0	
mORF_+_486586	486586	486621	+	1	36	ATG	TGA	0	0	
mORF_+_486766	486766	486777	+	1	12	TTG	TGA	0	0	
mORF_+_486838	486838	486855	+	1	18	ATG	TGA	0	0	
mORF_+_486889	486889	487062	+	1	174	TTG	TGA	0	0	
mORF_+_487105	487105	487122	+	1	18	GTG	TGA	0	0	
mORF_+_487148	487148	487162	+	2	15	TTG	TAA	0	0	
mORF_+_487213	487213	487230	+	1	18	ATG	TGA	0	0	
mORF_+_487306	487306	487317	+	1	12	TTG	TGA	0	0	
mORF_+_487435	487435	487455	+	1	21	GTG	TGA	0	0	
mORF_+_487448	487448	487729	+	2	282	GTG	TGA	0	0	
mORF_+_487468	487468	487476	+	1	9	TTG	TGA	0	0	
mORF_+_487555	487555	487722	+	1	168	TTG	TGA	0	0	
mORF_+_487726	487726	487749	+	1	24	ATG	TGA	0	0	
mORF_+_487771	487771	487863	+	1	93	TTG	TAA	0	0	
mORF_+_487784	487784	487813	+	2	30	ATG	TGA	0	0	
mORF_+_487870	487870	487878	+	1	9	TTG	TGA	0	0	
mORF_+_487936	487936	487956	+	1	21	TTG	TGA	0	0	
mORF_+_487990	487990	487998	+	1	9	GTG	TAA	0	0	
mORF_+_488029	488029	488058	+	1	30	GTG	TGA	0	0	
mORF_+_488074	488074	488151	+	1	78	GTG	TGA	0	0	
mORF_+_488155	488155	488199	+	1	45	TTG	TGA	0	0	
mORF_+_488186	488186	488254	+	2	69	TTG	TGA	0	0	
mORF_+_488302	488302	488337	+	1	36	TTG	TGA	0	0	
mORF_+_488407	488407	488457	+	1	51	ATG	TGA	0	0	
mORF_+_488483	488483	488491	+	2	9	TTG	TAA	0	0	
mORF_+_488498	488498	488557	+	2	60	GTG	TAA	0	0	
mORF_+_488527	488527	488574	+	1	48	TTG	TGA	0	0	
mORF_+_488602	488602	488616	+	1	15	TTG	TAA	0	0	
mORF_+_488620	488620	488643	+	1	24	TTG	TAA	0	0	
mORF_+_488659	488659	488697	+	1	39	GTG	TGA	0	0	
mORF_+_488716	488716	488733	+	1	18	TTG	TGA	0	0	
mORF_+_488791	488791	488829	+	1	39	ATG	TGA	0	0	
mORF_+_488893	488893	488973	+	1	81	TTG	TGA	0	0	
mORF_+_488993	488993	489001	+	2	9	GTG	TGA	0	0	
mORF_+_488998	488998	489069	+	1	72	GTG	TGA	0	0	
mORF_+_489097	489097	489117	+	1	21	ATG	TAG	0	0	
mORF_+_489146	489146	489163	+	2	18	TTG	TAA	0	0	
mORF_+_489157	489157	489198	+	1	42	TTG	TGA	0	0	
mORF_+_489168	489168	489317	+	3	150	GTG	TAG	0	0	
mORF_+_489188	489188	489376	+	2	189	ATG	TAA	0	0	
mORF_+_489250	489250	489255	+	1	6	GTG	TAG	0	0	
mORF_+_489464	489464	489520	+	2	57	TTG	TAA	0	0	
mORF_+_489489	489489	489512	+	3	24	GTG	TAG	0	0	
mORF_+_489554	489554	489673	+	2	120	ATG	TAG	0	0	
mORF_+_489565	489565	489993	+	1	429	GTG	TAG	0	0	
mORF_+_489692	489692	489757	+	2	66	ATG	TGA	0	0	
mORF_+_489780	489780	489854	+	3	75	ATG	TGA	0	0	
mORF_+_489791	489791	489901	+	2	111	TTG	TAG	0	0	
mORF_+_489926	489926	489949	+	2	24	ATG	TAG	0	0	
mORF_+_489951	489951	489983	+	3	33	GTG	TGA	0	0	
mORF_+_490049	490049	490078	+	2	30	ATG	TAG	0	0	
mORF_+_490062	490062	490073	+	3	12	TTG	TAA	0	0	

mORF_+_490106	490106	490483	+	2	378	ATG	TGA	0	0	
mORF_+_490131	490131	490148	+	3	18	TTG	TAG	0	0	
mORF_+_490216	490216	490461	+	1	246	GTG	TGA	0	0	
mORF_+_490221	490221	490415	+	3	195	TTG	TAA	0	0	
mORF_+_490458	490458	490568	+	3	111	TTG	TAA	0	0	
mORF_+_490582	490582	491187	+	1	606	TTG	TAA	48	1015	pORF_+_490582
mORF_+_490658	490658	490858	+	2	201	TTG	TAG	0	0	
mORF_+_490874	490874	491059	+	2	186	TTG	TGA	0	0	
mORF_+_491072	491072	491269	+	2	198	GTG	TAG	0	0	
mORF_+_491200	491200	491319	+	1	120	TTG	TGA	0	0	
mORF_+_491202	491202	491255	+	3	54	GTG	TGA	0	0	
mORF_+_491282	491282	491365	+	2	84	GTG	TGA	0	0	
mORF_+_491316	491316	493247	+	3	1932	ATG	TGA	6	19	pORF_+_491316
mORF_+_491359	491359	491391	+	1	33	TTG	TGA	0	0	
mORF_+_491431	491431	491502	+	1	72	ATG	TAA	0	0	
mORF_+_491531	491531	491548	+	2	18	GTG	TAA	0	0	
mORF_+_491554	491554	491586	+	1	33	GTG	TGA	0	0	
mORF_+_491587	491587	491688	+	1	102	TTG	TGA	0	0	
mORF_+_491743	491743	491808	+	1	66	TTG	TGA	0	0	
mORF_+_491851	491851	491970	+	1	120	ATG	TAA	0	0	
mORF_+_491989	491989	492108	+	1	120	TTG	TAA	0	0	
mORF_+_492121	492121	492315	+	1	195	ATG	TGA	0	0	
mORF_+_492146	492146	492259	+	2	114	GTG	TGA	0	0	
mORF_+_492316	492316	492369	+	1	54	TTG	TGA	0	0	
mORF_+_492439	492439	492465	+	1	27	TTG	TAA	0	0	
mORF_+_492607	492607	492642	+	1	36	GTG	TGA	0	0	
mORF_+_492823	492823	492855	+	1	33	ATG	TAG	0	0	
mORF_+_492868	492868	492897	+	1	30	TTG	TGA	0	0	
mORF_+_492881	492881	493036	+	2	156	GTG	TGA	0	0	
mORF_+_492940	492940	493005	+	1	66	ATG	TGA	0	0	
mORF_+_493015	493015	493044	+	1	30	GTG	TGA	0	0	
mORF_+_493066	493066	493074	+	1	9	TTG	TGA	0	0	
mORF_+_493081	493081	493284	+	1	204	TTG	TGA	0	0	
mORF_+_493118	493118	493180	+	2	63	GTG	TAA	0	0	
mORF_+_493244	493244	493279	+	2	36	TTG	TAA	0	0	
mORF_+_493281	493281	493310	+	3	30	GTG	TAA	0	0	
mORF_+_493285	493285	493629	+	1	345	TTG	TGA	34	1115	pORF_+_493285
mORF_+_493304	493304	493330	+	2	27	TTG	TGA	0	0	
mORF_+_493442	493442	493465	+	2	24	GTG	TAG	0	0	
mORF_+_493550	493550	493741	+	2	192	TTG	TAG	0	0	
mORF_+_493629	493629	494234	+	3	606	ATG	TAA	5	49	pORF_+_493629
mORF_+_493687	493687	493953	+	1	267	TTG	TGA	0	0	
mORF_+_493805	493805	493837	+	2	33	TTG	TAA	0	0	
mORF_+_493990	493990	494049	+	1	60	ATG	TGA	0	0	
mORF_+_494071	494071	494268	+	1	198	TTG	TGA	0	0	
mORF_+_494108	494108	494122	+	2	15	TTG	TGA	0	0	
mORF_+_494265	494265	494312	+	3	48	TTG	TAA	0	0	
mORF_+_494281	494281	494337	+	1	57	TTG	TAG	0	0	
mORF_+_494344	494344	496218	+	1	1875	ATG	TGA	153	1255	pORF_+_494344
mORF_+_494363	494363	494383	+	2	21	GTG	TGA	0	0	
mORF_+_494441	494441	494572	+	2	132	GTG	TGA	0	0	
mORF_+_494615	494615	494701	+	2	87	TTG	TGA	0	0	
mORF_+_494711	494711	494755	+	2	45	TTG	TGA	0	0	
mORF_+_494792	494792	494968	+	2	177	ATG	TAG	0	0	
mORF_+_495042	495042	495053	+	3	12	GTG	TAA	0	0	
mORF_+_495071	495071	495127	+	2	57	ATG	TGA	0	0	
mORF_+_495143	495143	495235	+	2	93	GTG	TGA	0	0	
mORF_+_495198	495198	495224	+	3	27	GTG	TAA	0	0	
mORF_+_495242	495242	495316	+	2	75	ATG	TGA	0	0	
mORF_+_495317	495317	495340	+	2	24	TTG	TGA	0	0	
mORF_+_495350	495350	495376	+	2	27	GTG	TAA	0	0	
mORF_+_495392	495392	495400	+	2	9	ATG	TGA	0	0	
mORF_+_495407	495407	495490	+	2	84	GTG	TGA	0	0	

mORF_+_495548	495548	495613	+	2	66	TTG	TGA	0	0	
mORF_+_495656	495656	495748	+	2	93	ATG	TGA	0	0	
mORF_+_495741	495741	495764	+	3	24	GTG	TGA	0	0	
mORF_+_495800	495800	495868	+	2	69	TTG	TGA	0	0	
mORF_+_495884	495884	495889	+	2	6	GTG	TGA	0	0	
mORF_+_495917	495917	495928	+	2	12	ATG	TGA	0	0	
mORF_+_496079	496079	496123	+	2	45	GTG	TAG	0	0	
mORF_+_496116	496116	496223	+	3	108	GTG	TAA	0	0	
mORF_+_496223	496223	496591	+	2	369	ATG	TGA	0	0	
mORF_+_496230	496230	496298	+	3	69	ATG	TAA	0	0	
mORF_+_496314	496314	496385	+	3	72	GTG	TAA	0	0	
mORF_+_496339	496339	497043	+	1	705	TTG	TAA	115	5542	pORF_+_496339
mORF_+_496613	496613	496687	+	2	75	TTG	TGA	0	0	
mORF_+_496703	496703	496744	+	2	42	ATG	TGA	0	0	
mORF_+_496748	496748	496825	+	2	78	TTG	TAG	0	0	
mORF_+_496847	496847	496858	+	2	12	GTG	TGA	0	0	
mORF_+_496871	496871	496921	+	2	51	ATG	TGA	0	0	
mORF_+_496985	496985	497098	+	2	114	TTG	TGA	0	0	
mORF_+_497095	497095	497202	+	1	108	GTG	TGA	0	0	
mORF_+_497199	497199	497219	+	3	21	TTG	TAG	0	0	
mORF_+_497258	497258	497269	+	2	12	TTG	TAA	0	0	
mORF_+_497279	497279	498241	+	2	963	ATG	TAA	4	14	pORF_+_497279
mORF_+_497328	497328	497351	+	3	24	ATG	TAA	0	0	
mORF_+_497391	497391	497435	+	3	45	TTG	TGA	0	0	
mORF_+_497410	497410	497616	+	1	207	ATG	TGA	0	0	
mORF_+_497457	497457	497507	+	3	51	GTG	TGA	0	0	
mORF_+_497613	497613	497636	+	3	24	ATG	TAG	0	0	
mORF_+_497643	497643	497966	+	3	324	TTG	TGA	0	0	
mORF_+_497695	497695	497703	+	1	9	ATG	TGA	0	0	
mORF_+_497908	497908	497928	+	1	21	TTG	TGA	0	0	
mORF_+_497988	497988	498008	+	3	21	TTG	TGA	0	0	
mORF_+_498073	498073	498135	+	1	63	GTG	TGA	0	0	
mORF_+_498084	498084	498212	+	3	129	TTG	TGA	0	0	
mORF_+_498222	498222	498254	+	3	33	TTG	TAA	0	0	
mORF_+_498303	498303	498347	+	3	45	GTG	TGA	0	0	
mORF_+_498310	498310	498375	+	1	66	ATG	TAA	0	0	
mORF_+_498329	498329	498340	+	2	12	GTG	TAG	0	0	
mORF_+_498344	498344	498364	+	2	21	TTG	TGA	0	0	
mORF_+_498455	498455	498481	+	2	27	GTG	TAA	0	0	
mORF_+_498506	498506	498607	+	2	102	TTG	TAA	0	0	
mORF_+_498516	498516	498737	+	3	222	ATG	TGA	0	0	
mORF_+_498544	498544	498552	+	1	9	TTG	TAA	0	0	
mORF_+_498692	498692	498742	+	2	51	ATG	TGA	0	0	
mORF_+_498739	498739	498822	+	1	84	TTG	TGA	0	0	
mORF_+_498819	498819	498881	+	3	63	GTG	TGA	0	0	
mORF_+_498827	498827	498832	+	2	6	GTG	TAA	0	0	
mORF_+_498853	498853	498939	+	1	87	TTG	TAG	0	0	
mORF_+_498878	498878	498934	+	2	57	ATG	TAA	0	0	
mORF_+_498975	498975	499163	+	3	189	GTG	TAA	0	0	
mORF_+_499007	499007	499012	+	2	6	ATG	TAA	0	0	
mORF_+_499064	499064	499069	+	2	6	GTG	TAA	0	0	
mORF_+_499078	499078	499116	+	1	39	TTG	TAA	1	6	pORF_+_499078
mORF_+_499181	499181	499312	+	2	132	TTG	TAA	0	0	
mORF_+_499224	499224	499229	+	3	6	TTG	TAA	0	0	
mORF_+_499242	499242	499340	+	3	99	ATG	TAA	0	0	
mORF_+_499306	499306	499365	+	1	60	GTG	TAA	0	0	
mORF_+_499349	499349	500653	+	2	1305	ATG	TAA	18	63	pORF_+_499349
mORF_+_499485	499485	499529	+	3	45	TTG	TAA	0	0	
mORF_+_499551	499551	499565	+	3	15	TTG	TAG	0	0	
mORF_+_499617	499617	499814	+	3	198	TTG	TGA	0	0	
mORF_+_499696	499696	499710	+	1	15	GTG	TGA	0	0	
mORF_+_499738	499738	499743	+	1	6	GTG	TAA	0	0	
mORF_+_499801	499801	499878	+	1	78	TTG	TGA	0	0	

mORF+_499815	499815	499862	+	3	48	TTG	TGA	0	0
mORF+_499893	499893	499898	+	3	6	ATG	TGA	0	0
mORF+_499899	499899	499979	+	3	81	TTG	TGA	0	0
mORF+_499942	499942	499956	+	1	15	TTG	TGA	0	0
mORF+_499986	499986	500024	+	3	39	TTG	TGA	0	0
mORF+_500040	500040	500108	+	3	69	TTG	TGA	0	0
mORF+_500062	500062	500118	+	1	57	GTG	TGA	0	0
mORF+_500115	500115	500132	+	3	18	ATG	TGA	0	0
mORF+_500194	500194	500256	+	1	63	GTG	TAA	0	0
mORF+_500304	500304	500402	+	3	99	ATG	TGA	0	0
mORF+_500335	500335	500409	+	1	75	TTG	TAA	0	0
mORF+_500409	500409	500516	+	3	108	ATG	TAA	0	0
mORF+_500539	500539	500544	+	1	6	GTG	TAA	0	0
mORF+_500547	500547	500561	+	3	15	ATG	TGA	0	0
mORF+_500616	500616	500873	+	3	258	GTG	TGA	0	0
mORF+_500704	500704	500721	+	1	18	TTG	TGA	0	0
mORF+_500714	500714	501118	+	2	405	ATG	TGA	0	0
mORF+_500812	500812	500892	+	1	81	GTG	TGA	0	0
mORF+_500889	500889	500915	+	3	27	GTG	TAA	0	0
mORF+_500962	500962	501045	+	1	84	ATG	TAA	0	0
mORF+_500991	500991	501191	+	3	201	TTG	TAA	0	0
mORF+_501115	501115	501327	+	1	213	GTG	TGA	0	0
mORF+_501206	501206	501307	+	2	102	ATG	TAG	0	0
mORF+_501210	501210	501479	+	3	270	TTG	TGA	0	0
mORF+_501365	501365	501385	+	2	21	TTG	TAA	0	0
mORF+_501391	501391	501417	+	1	27	ATG	TAA	0	0
mORF+_501460	501460	501531	+	1	72	ATG	TAA	0	0
mORF+_501470	501470	501511	+	2	42	TTG	TAA	0	0
mORF+_501560	501560	501577	+	2	18	TTG	TAA	0	0
mORF+_501634	501634	501783	+	1	150	ATG	TAA	0	0
mORF+_501647	501647	501757	+	2	111	GTG	TAA	0	0
mORF+_501802	501802	501822	+	1	21	TTG	TAA	0	0
mORF+_501858	501858	502031	+	3	174	ATG	TGA	0	0
mORF+_501868	501868	501891	+	1	24	ATG	TGA	0	0
mORF+_502019	502019	502042	+	2	24	TTG	TAA	0	0
mORF+_502043	502043	502069	+	2	27	TTG	TAA	0	0
mORF+_502057	502057	502269	+	1	213	GTG	TGA	0	0
mORF+_502086	502086	502457	+	3	372	GTG	TGA	0	0
mORF+_502238	502238	502351	+	2	114	GTG	TAA	0	0
mORF+_502327	502327	502407	+	1	81	ATG	TAA	0	0
mORF+_502454	502454	502525	+	2	72	GTG	TAA	0	0
mORF+_502480	502480	502563	+	1	84	GTG	TAA	0	0
mORF+_502497	502497	502535	+	3	39	TTG	TGA	0	0
mORF+_502532	502532	502570	+	2	39	ATG	TGA	0	0
mORF+_502567	502567	502593	+	1	27	TTG	TAG	0	0
mORF+_502574	502574	502750	+	2	177	TTG	TAG	0	0
mORF+_502584	502584	502634	+	3	51	ATG	TAA	0	0
mORF+_502666	502666	502806	+	1	141	ATG	TAA	0	0
mORF+_502731	502731	502775	+	3	45	ATG	TAG	0	0
mORF+_502785	502785	502796	+	3	12	ATG	TGA	0	0
mORF+_502793	502793	502960	+	2	168	GTG	TAA	0	0
mORF+_502836	502836	502901	+	3	66	ATG	TGA	0	0
mORF+_502914	502914	502988	+	3	75	ATG	TAG	0	0
mORF+_502924	502924	502941	+	1	18	ATG	TAA	0	0
mORF+_502973	502973	502993	+	2	21	GTG	TAA	0	0
mORF+_503117	503117	503143	+	2	27	ATG	TAA	0	0
mORF+_503153	503153	503224	+	2	72	TTG	TAA	0	0
mORF+_503169	503169	503174	+	3	6	GTG	TAA	0	0
mORF+_503184	503184	503198	+	3	15	ATG	TAG	0	0
mORF+_503214	503214	503399	+	3	186	ATG	TAA	0	0
mORF+_503263	503263	503271	+	1	9	GTG	TGA	0	0
mORF+_503306	503306	503542	+	2	237	GTG	TGA	0	0
mORF+_503311	503311	503331	+	1	21	GTG	TGA	0	0

mORF+_503359	503359	503409	+	1	51	GTG	TAA	0	0	
mORF+_503448	503448	503462	+	3	15	TTG	TGA	0	0	
mORF+_503539	503539	503625	+	1	87	ATG	TAA	0	0	
mORF+_503631	503631	503678	+	3	48	ATG	TAG	0	0	
mORF+_503638	503638	503721	+	1	84	TTG	TGA	0	0	
mORF+_503690	503690	503698	+	2	9	TTG	TAG	0	0	
mORF+_503718	503718	503768	+	3	51	GTG	TGA	0	0	
mORF+_503746	503746	503832	+	1	87	ATG	TGA	0	0	
mORF+_503798	503798	503824	+	2	27	TTG	TGA	0	0	
mORF+_503805	503805	504008	+	3	204	ATG	TGA	0	0	
mORF+_503854	503854	503922	+	1	69	ATG	TAG	0	0	
mORF+_503903	503903	503959	+	2	57	TTG	TGA	0	0	
mORF+_503947	503947	503952	+	1	6	ATG	TAA	0	0	
mORF+_503956	503956	504141	+	1	186	ATG	TGA	0	0	
mORF+_503966	503966	503971	+	2	6	TTG	TGA	0	0	
mORF+_503996	503996	504085	+	2	90	ATG	TGA	0	0	
mORF+_504113	504113	504199	+	2	87	TTG	TGA	0	0	
mORF+_504138	504138	505790	+	3	1653	ATG	TAA	44	198	pORF+_504138
mORF+_504196	504196	504450	+	1	255	GTG	TGA	0	0	
mORF+_504275	504275	504286	+	2	12	TTG	TGA	0	0	
mORF+_504463	504463	504627	+	1	165	ATG	TGA	0	0	
mORF+_504530	504530	504595	+	2	66	GTG	TAA	0	0	
mORF+_504599	504599	504613	+	2	15	GTG	TAA	0	0	
mORF+_504631	504631	504648	+	1	18	TTG	TGA	0	0	
mORF+_504655	504655	504735	+	1	81	ATG	TGA	0	0	
mORF+_504805	504805	504879	+	1	75	ATG	TGA	0	0	
mORF+_504886	504886	505059	+	1	174	GTG	TGA	0	0	
mORF+_504959	504959	505006	+	2	48	ATG	TGA	0	0	
mORF+_505007	505007	505033	+	2	27	GTG	TGA	0	0	
mORF+_505240	505240	505302	+	1	63	ATG	TGA	0	0	
mORF+_505330	505330	505347	+	1	18	GTG	TGA	0	0	
mORF+_505366	505366	505410	+	1	45	GTG	TGA	0	0	
mORF+_505429	505429	505452	+	1	24	ATG	TGA	0	0	
mORF+_505468	505468	505479	+	1	12	TTG	TGA	0	0	
mORF+_505510	505510	505563	+	1	54	GTG	TGA	0	0	
mORF+_505633	505633	505686	+	1	54	ATG	TGA	0	0	
mORF+_505699	505699	505716	+	1	18	TTG	TGA	0	0	
mORF+_505747	505747	505752	+	1	6	ATG	TGA	0	0	
mORF+_505753	505753	505779	+	1	27	GTG	TGA	0	0	
mORF+_505798	505798	505830	+	1	33	GTG	TAA	0	0	
mORF+_505805	505805	505933	+	2	129	ATG	TAG	0	0	
mORF+_505809	505809	506198	+	3	390	TTG	TAA	0	0	
mORF+_505855	505855	505929	+	1	75	TTG	TAA	0	0	
mORF+_505933	505933	506103	+	1	171	GTG	TGA	0	0	
mORF+_505946	505946	505963	+	2	18	GTG	TAA	0	0	
mORF+_505967	505967	505999	+	2	33	TTG	TAA	0	0	
mORF+_506078	506078	506092	+	2	15	TTG	TAA	0	0	
mORF+_506170	506170	506175	+	1	6	TTG	TAG	0	0	
mORF+_506203	506203	506250	+	1	48	TTG	TAG	0	0	
mORF+_506241	506241	506288	+	3	48	GTG	TAA	0	0	
mORF+_506272	506272	506325	+	1	54	TTG	TAA	0	0	
mORF+_506300	506300	506311	+	2	12	GTG	TAA	0	0	
mORF+_506354	506354	506407	+	2	54	ATG	TGA	0	0	
mORF+_506380	506380	506454	+	1	75	TTG	TAA	0	0	
mORF+_506465	506465	506554	+	2	90	ATG	TAG	0	0	
mORF+_506478	506478	506492	+	3	15	TTG	TAG	0	0	
mORF+_506554	506554	506658	+	1	105	GTG	TGA	0	0	
mORF+_506589	506589	506627	+	3	39	ATG	TGA	0	0	
mORF+_506627	506627	506875	+	2	249	ATG	TAG	0	0	
mORF+_506664	506664	506882	+	3	219	TTG	TAA	0	0	
mORF+_506695	506695	506967	+	1	273	GTG	TAG	0	0	
mORF+_506915	506915	506977	+	2	63	TTG	TGA	0	0	
mORF+_506974	506974	507003	+	1	30	GTG	TAA	0	0	

mORF+_506985	506985	507185	+	3	201	ATG	TGA	0	0	
mORF+_507005	507005	507334	+	2	330	GTG	TAG	0	0	
mORF+_507213	507213	507251	+	3	39	TTG	TAA	0	0	
mORF+_507316	507316	507321	+	1	6	TTG	TGA	0	0	
mORF+_507318	507318	507344	+	3	27	GTG	TGA	0	0	
mORF+_507328	507328	507378	+	1	51	ATG	TAA	0	0	
mORF+_507341	507341	507391	+	2	51	GTG	TGA	0	0	
mORF+_507348	507348	507494	+	3	147	ATG	TGA	0	0	
mORF+_507388	507388	507783	+	1	396	ATG	TAA	2	5	pORF+_507388
mORF+_507398	507398	507436	+	2	39	ATG	TAA	0	0	
mORF+_507491	507491	507517	+	2	27	ATG	TGA	0	0	
mORF+_507524	507524	507532	+	2	9	ATG	TAG	0	0	
mORF+_507545	507545	507574	+	2	30	ATG	TGA	0	0	
mORF+_507629	507629	507655	+	2	27	TTG	TAA	0	0	
mORF+_507648	507648	507674	+	3	27	TTG	TGA	0	0	
mORF+_507671	507671	507859	+	2	189	TTG	TGA	0	0	
mORF+_507678	507678	507689	+	3	12	TTG	TGA	0	0	
mORF+_507852	507852	508004	+	3	153	TTG	TGA	0	0	
mORF+_507859	507859	507903	+	1	45	ATG	TGA	0	0	
mORF+_507896	507896	507910	+	2	15	GTG	TAG	0	0	
mORF+_507953	507953	508093	+	2	141	TTG	TGA	0	0	
mORF+_507997	507997	508011	+	1	15	GTG	TAG	0	0	
mORF+_508054	508054	508074	+	1	21	ATG	TAA	0	0	
mORF+_508090	508090	508782	+	1	693	ATG	TAA	0	0	
mORF+_508130	508130	508255	+	2	126	TTG	TAG	0	0	
mORF+_508167	508167	508193	+	3	27	TTG	TAA	0	0	
mORF+_508197	508197	508208	+	3	12	GTG	TGA	0	0	
mORF+_508283	508283	508417	+	2	135	ATG	TGA	0	0	
mORF+_508296	508296	508310	+	3	15	TTG	TAG	0	0	
mORF+_508439	508439	508465	+	2	27	ATG	TGA	0	0	
mORF+_508455	508455	508490	+	3	36	TTG	TGA	0	0	
mORF+_508487	508487	508732	+	2	246	TTG	TGA	0	0	
mORF+_508572	508572	508739	+	3	168	TTG	TAA	0	0	
mORF+_508757	508757	508792	+	2	36	TTG	TGA	0	0	
mORF+_508793	508793	508813	+	2	21	TTG	TGA	0	0	
mORF+_508810	508810	508875	+	1	66	ATG	TAG	0	0	
mORF+_508848	508848	508865	+	3	18	ATG	TGA	0	0	
mORF+_508850	508850	509209	+	2	360	GTG	TAG	0	0	
mORF+_508908	508908	509132	+	3	225	GTG	TAA	0	0	
mORF+_508918	508918	509295	+	1	378	ATG	TGA	0	0	
mORF+_509220	509220	509255	+	3	36	GTG	TGA	0	0	
mORF+_509327	509327	509749	+	2	423	TTG	TAA	0	0	
mORF+_509364	509364	509375	+	3	12	GTG	TAG	0	0	
mORF+_509377	509377	509646	+	1	270	ATG	TAA	0	0	
mORF+_509472	509472	509522	+	3	51	TTG	TAA	0	0	
mORF+_509628	509628	509672	+	3	45	GTG	TAG	0	0	
mORF+_509685	509685	509717	+	3	33	GTG	TGA	0	0	
mORF+_509704	509704	510156	+	1	453	ATG	TAA	0	0	
mORF+_509792	509792	509809	+	2	18	TTG	TAG	0	0	
mORF+_509880	509880	509942	+	3	63	ATG	TAA	0	0	
mORF+_509960	509960	510130	+	2	171	TTG	TAG	0	0	
mORF+_510027	510027	510065	+	3	39	GTG	TAG	0	0	
mORF+_510160	510160	510375	+	1	216	TTG	TGA	0	0	
mORF+_510162	510162	510224	+	3	63	GTG	TGA	0	0	
mORF+_510221	510221	510424	+	2	204	GTG	TAA	0	0	
mORF+_510357	510357	510395	+	3	39	GTG	TAG	0	0	
mORF+_510399	510399	510437	+	3	39	TTG	TGA	0	0	
mORF+_510403	510403	510600	+	1	198	GTG	TGA	0	0	
mORF+_510434	510434	510559	+	2	126	TTG	TGA	0	0	
mORF+_510597	510597	510605	+	3	9	GTG	TAA	0	0	
mORF+_510626	510626	510649	+	2	24	TTG	TAA	0	0	
mORF+_510636	510636	510707	+	3	72	GTG	TAA	0	0	
mORF+_510729	510729	510743	+	3	15	TTG	TAG	0	0	

mORF+_510756	510756	510773	+	3	18	TTG	TAA	0	0	
mORF+_510775	510775	510792	+	1	18	TTG	TAA	0	0	
mORF+_510799	510799	510858	+	1	60	ATG	TAA	0	0	
mORF+_510821	510821	510847	+	2	27	GTG	TAA	0	0	
mORF+_510865	510865	511797	+	1	933	ATG	TGA	13	93	pORF+_510865
mORF+_510872	510872	511003	+	2	132	ATG	TGA	0	0	
mORF+_511010	511010	511084	+	2	75	ATG	TAG	0	0	
mORF+_511088	511088	511096	+	2	9	TTG	TAG	0	0	
mORF+_511100	511100	511177	+	2	78	ATG	TAG	0	0	
mORF+_511184	511184	511213	+	2	30	ATG	TAA	0	0	
mORF+_511214	511214	511243	+	2	30	ATG	TGA	0	0	
mORF+_511256	511256	511318	+	2	63	ATG	TAG	0	0	
mORF+_511410	511410	511415	+	3	6	TTG	TGA	0	0	
mORF+_511412	511412	511516	+	2	105	GTG	TGA	0	0	
mORF+_511449	511449	511475	+	3	27	GTG	TGA	0	0	
mORF+_511595	511595	511651	+	2	57	ATG	TAG	0	0	
mORF+_511652	511652	511684	+	2	33	GTG	TGA	0	0	
mORF+_511691	511691	511819	+	2	129	TTG	TAA	0	0	
mORF+_511800	511800	513092	+	3	1293	ATG	TAA	0	0	
mORF+_511844	511844	512167	+	2	324	ATG	TGA	0	0	
mORF+_511867	511867	511923	+	1	57	TTG	TAA	0	0	
mORF+_511948	511948	512055	+	1	108	TTG	TAG	0	0	
mORF+_512131	512131	512223	+	1	93	GTG	TGA	0	0	
mORF+_512251	512251	512259	+	1	9	ATG	TAG	0	0	
mORF+_512317	512317	512403	+	1	87	TTG	TAA	0	0	
mORF+_512410	512410	512433	+	1	24	TTG	TGA	0	0	
mORF+_512500	512500	512565	+	1	66	TTG	TAG	0	0	
mORF+_512578	512578	512595	+	1	18	ATG	TAG	0	0	
mORF+_512623	512623	512637	+	1	15	ATG	TGA	0	0	
mORF+_512762	512762	512917	+	2	156	GTG	TGA	0	0	
mORF+_512791	512791	512805	+	1	15	TTG	TGA	0	0	
mORF+_512851	512851	512871	+	1	21	TTG	TGA	0	0	
mORF+_512890	512890	512961	+	1	72	TTG	TGA	0	0	
mORF+_512977	512977	513021	+	1	45	TTG	TGA	0	0	
mORF+_512996	512996	513010	+	2	15	GTG	TAG	0	0	
mORF+_513023	513023	513082	+	2	60	ATG	TAA	0	0	
mORF+_513031	513031	513072	+	1	42	TTG	TGA	0	0	
mORF+_513102	513102	513179	+	3	78	GTG	TGA	0	0	
mORF+_513124	513124	513168	+	1	45	TTG	TGA	0	0	
mORF+_513161	513161	513220	+	2	60	GTG	TGA	0	0	
mORF+_513217	513217	513624	+	1	408	ATG	TGA	1	2	pORF+_513217
mORF+_513230	513230	513235	+	2	6	ATG	TAG	0	0	
mORF+_513275	513275	513295	+	2	21	ATG	TGA	0	0	
mORF+_513500	513500	513628	+	2	129	TTG	TAA	0	0	
mORF+_513621	513621	513674	+	3	54	GTG	TGA	0	0	
mORF+_513646	513646	513651	+	1	6	ATG	TAG	0	0	
mORF+_513671	513671	513748	+	2	78	ATG	TGA	0	0	
mORF+_513682	513682	513726	+	1	45	ATG	TGA	0	0	
mORF+_513723	513723	513761	+	3	39	ATG	TGA	0	0	
mORF+_513745	513745	513819	+	1	75	ATG	TAA	0	0	
mORF+_513758	513758	513823	+	2	66	TTG	TGA	0	0	
mORF+_513820	513820	514074	+	1	255	ATG	TAA	0	0	
mORF+_513899	513899	513994	+	2	96	ATG	TAA	0	0	
mORF+_514056	514056	514163	+	3	108	GTG	TAA	0	0	
mORF+_514082	514082	514273	+	2	192	ATG	TAG	0	0	
mORF+_514096	514096	514242	+	1	147	TTG	TAG	0	0	
mORF+_514288	514288	514353	+	1	66	TTG	TGA	0	0	
mORF+_514377	514377	514487	+	3	111	TTG	TGA	0	0	
mORF+_514402	514402	514419	+	1	18	TTG	TGA	0	0	
mORF+_514441	514441	514446	+	1	6	ATG	TAA	0	0	
mORF+_514453	514453	514608	+	1	156	TTG	TGA	0	0	
mORF+_514484	514484	514495	+	2	12	TTG	TAA	0	0	
mORF+_514505	514505	514537	+	2	33	GTG	TGA	0	0	

mORF_+_514586	514586	514594	+	2	9	GTG	TGA	0	0	
mORF_+_514631	514631	514657	+	2	27	TTG	TAG	0	0	
mORF_+_514651	514651	514704	+	1	54	ATG	TAA	0	0	
mORF_+_514750	514750	514890	+	1	141	ATG	TAG	0	0	
mORF_+_514806	514806	514877	+	3	72	TTG	TAA	0	0	
mORF_+_514936	514936	515073	+	1	138	TTG	TGA	0	0	
mORF_+_515013	515013	515027	+	3	15	TTG	TAA	0	0	
mORF_+_515037	515037	515051	+	3	15	TTG	TAA	0	0	
mORF_+_515143	515143	515820	+	1	678	ATG	TAA	5	12	pORF_+_515143
mORF_+_515195	515195	515254	+	2	60	GTG	TAA	0	0	
mORF_+_515271	515271	515342	+	3	72	TTG	TGA	0	0	
mORF_+_515273	515273	515293	+	2	21	GTG	TAA	0	0	
mORF_+_515300	515300	515311	+	2	12	TTG	TGA	0	0	
mORF_+_515339	515339	515365	+	2	27	TTG	TAA	0	0	
mORF_+_515420	515420	515446	+	2	27	TTG	TGA	0	0	
mORF_+_515561	515561	515587	+	2	27	GTG	TGA	0	0	
mORF_+_515627	515627	515635	+	2	9	ATG	TAA	0	0	
mORF_+_515639	515639	515680	+	2	42	GTG	TGA	0	0	
mORF_+_515690	515690	515725	+	2	36	ATG	TGA	0	0	
mORF_+_515718	515718	515735	+	3	18	GTG	TAA	0	0	
mORF_+_515750	515750	515764	+	2	15	ATG	TGA	0	0	
mORF_+_515780	515780	516586	+	2	807	ATG	TGA	0	0	
mORF_+_515952	515952	515969	+	3	18	TTG	TGA	0	0	
mORF_+_515988	515988	516002	+	3	15	ATG	TGA	0	0	
mORF_+_516033	516033	516137	+	3	105	ATG	TGA	0	0	
mORF_+_516040	516040	516063	+	1	24	GTG	TAA	0	0	
mORF_+_516153	516153	516176	+	3	24	TTG	TGA	0	0	
mORF_+_516195	516195	516215	+	3	21	TTG	TAG	0	0	
mORF_+_516226	516226	516258	+	1	33	GTG	TAG	0	0	
mORF_+_516291	516291	516326	+	3	36	TTG	TGA	0	0	
mORF_+_516381	516381	516389	+	3	9	TTG	TAG	0	0	
mORF_+_516423	516423	516443	+	3	21	TTG	TGA	0	0	
mORF_+_516510	516510	516524	+	3	15	TTG	TAA	0	0	
mORF_+_516583	516583	517383	+	1	801	ATG	TAA	0	0	
mORF_+_516591	516591	516764	+	3	174	ATG	TGA	0	0	
mORF_+_516620	516620	516748	+	2	129	TTG	TGA	0	0	
mORF_+_516761	516761	516823	+	2	63	GTG	TGA	0	0	
mORF_+_516852	516852	517337	+	3	486	GTG	TAA	0	0	
mORF_+_516962	516962	516970	+	2	9	GTG	TGA	0	0	
mORF_+_516983	516983	517069	+	2	87	ATG	TGA	0	0	
mORF_+_517112	517112	517117	+	2	6	GTG	TAA	0	0	
mORF_+_517118	517118	517420	+	2	303	TTG	TAG	0	0	
mORF_+_517374	517374	517469	+	3	96	TTG	TAG	0	0	
mORF_+_517393	517393	517536	+	1	144	GTG	TGA	0	0	
mORF_+_517433	517433	517549	+	2	117	GTG	TAA	0	0	
mORF_+_517518	517518	517613	+	3	96	TTG	TAA	0	0	
mORF_+_517580	517580	517651	+	2	72	TTG	TAG	0	0	
mORF_+_517681	517681	517866	+	1	186	ATG	TGA	0	0	
mORF_+_517691	517691	517900	+	2	210	TTG	TAA	0	0	
mORF_+_517857	517857	518000	+	3	144	GTG	TGA	0	0	
mORF_+_517916	517916	518254	+	2	339	GTG	TGA	0	0	
mORF_+_517966	517966	517974	+	1	9	GTG	TAA	0	0	
mORF_+_518005	518005	518169	+	1	165	GTG	TGA	0	0	
mORF_+_518007	518007	518057	+	3	51	GTG	TGA	0	0	
mORF_+_518166	518166	518195	+	3	30	GTG	TAA	0	0	
mORF_+_518251	518251	518271	+	1	21	ATG	TAA	0	0	
mORF_+_518329	518329	518418	+	1	90	TTG	TAA	0	0	
mORF_+_518358	518358	518375	+	3	18	TTG	TGA	0	0	
mORF_+_518372	518372	518383	+	2	12	ATG	TAA	0	0	
mORF_+_518436	518436	518444	+	3	9	TTG	TGA	0	0	
mORF_+_518441	518441	518602	+	2	162	ATG	TAA	0	0	
mORF_+_518467	518467	518475	+	1	9	GTG	TGA	0	0	
mORF_+_518472	518472	518480	+	3	9	TTG	TAG	0	0	

mORF+_518523	518523	518540	+	3	18	TTG	TAA	0	0	
mORF+_518541	518541	518564	+	3	24	ATG	TAA	0	0	
mORF+_518578	518578	518628	+	1	51	TTG	TGA	0	0	
mORF+_518616	518616	518675	+	3	60	TTG	TGA	0	0	
mORF+_518654	518654	518902	+	2	249	TTG	TAA	0	0	
mORF+_518668	518668	518787	+	1	120	GTG	TGA	0	0	
mORF+_518694	518694	518729	+	3	36	TTG	TGA	0	0	
mORF+_518775	518775	519158	+	3	384	GTG	TGA	0	0	
mORF+_518957	518957	519643	+	2	687	ATG	TGA	1	2	pORF+_518957
mORF+_519231	519231	519254	+	3	24	TTG	TAA	0	0	
mORF+_519306	519306	519359	+	3	54	GTG	TAG	0	0	
mORF+_519405	519405	519557	+	3	153	GTG	TGA	0	0	
mORF+_519640	519640	522054	+	1	2415	ATG	TGA	2	19	pORF+_519640
mORF+_519644	519644	519688	+	2	45	TTG	TAA	0	0	
mORF+_519651	519651	519785	+	3	135	TTG	TGA	0	0	
mORF+_519689	519689	519706	+	2	18	TTG	TAA	0	0	
mORF+_519782	519782	519868	+	2	87	GTG	TGA	0	0	
mORF+_519837	519837	519950	+	3	114	GTG	TGA	0	0	
mORF+_519905	519905	519997	+	2	93	TTG	TGA	0	0	
mORF+_520070	520070	520111	+	2	42	TTG	TGA	0	0	
mORF+_520178	520178	520390	+	2	213	ATG	TGA	0	0	
mORF+_520272	520272	520292	+	3	21	ATG	TAA	0	0	
mORF+_520521	520521	520748	+	3	228	GTG	TAA	0	0	
mORF+_520556	520556	520567	+	2	12	GTG	TAG	0	0	
mORF+_520661	520661	520672	+	2	12	TTG	TGA	0	0	
mORF+_520748	520748	520759	+	2	12	ATG	TAG	0	0	
mORF+_520793	520793	520831	+	2	39	TTG	TAA	0	0	
mORF+_520835	520835	520876	+	2	42	GTG	TAG	0	0	
mORF+_520851	520851	520970	+	3	120	TTG	TAG	0	0	
mORF+_520895	520895	520918	+	2	24	GTG	TGA	0	0	
mORF+_520919	520919	520936	+	2	18	ATG	TGA	0	0	
mORF+_520989	520989	521126	+	3	138	GTG	TAA	0	0	
mORF+_521060	521060	521122	+	2	63	GTG	TAA	0	0	
mORF+_521252	521252	521389	+	2	138	ATG	TAA	0	0	
mORF+_521393	521393	521413	+	2	21	TTG	TGA	0	0	
mORF+_521567	521567	521584	+	2	18	ATG	TGA	0	0	
mORF+_521627	521627	521641	+	2	15	TTG	TAA	0	0	
mORF+_521778	521778	521831	+	3	54	GTG	TGA	0	0	
mORF+_521792	521792	522067	+	2	276	GTG	TAA	0	0	
mORF+_521925	521925	522020	+	3	96	GTG	TAA	0	0	
mORF+_522051	522051	522083	+	3	33	GTG	TGA	0	0	
mORF+_522080	522080	522106	+	2	27	TTG	TAA	0	0	
mORF+_522084	522084	522101	+	3	18	ATG	TAA	0	0	
mORF+_522094	522094	522147	+	1	54	TTG	TGA	0	0	
mORF+_522116	522116	522127	+	2	12	ATG	TGA	0	0	
mORF+_522141	522141	522224	+	3	84	TTG	TAA	0	0	
mORF+_522163	522163	522180	+	1	18	TTG	TGA	0	0	
mORF+_522185	522185	522259	+	2	75	GTG	TGA	0	0	
mORF+_522256	522256	522336	+	1	81	TTG	TGA	0	0	
mORF+_522260	522260	522325	+	2	66	ATG	TAA	0	0	
mORF+_522333	522333	522365	+	3	33	TTG	TGA	0	0	
mORF+_522356	522356	522379	+	2	24	TTG	TAA	0	0	
mORF+_522366	522366	522389	+	3	24	TTG	TGA	0	0	
mORF+_522386	522386	522400	+	2	15	GTG	TAA	0	0	
mORF+_522416	522416	522460	+	2	45	TTG	TGA	0	0	
mORF+_522418	522418	522447	+	1	30	GTG	TAA	0	0	
mORF+_522420	522420	522467	+	3	48	GTG	TAA	0	0	
mORF+_522457	522457	522471	+	1	15	ATG	TAA	0	0	
mORF+_522485	522485	526765	+	2	4281	ATG	TAA	1	2	pORF+_522485
mORF+_522528	522528	522563	+	3	36	ATG	TAA	0	0	
mORF+_522567	522567	522614	+	3	48	TTG	TGA	0	0	
mORF+_522589	522589	522786	+	1	198	GTG	TGA	0	0	
mORF+_522675	522675	522818	+	3	144	TTG	TGA	0	0	

mORF_+_522852	522852	522989	+	3	138	TTG	TAA	0	0
mORF_+_522901	522901	522921	+	1	21	GTG	TAA	0	0
mORF_+_522958	522958	523053	+	1	96	GTG	TGA	0	0
mORF_+_523065	523065	523145	+	3	81	GTG	TGA	0	0
mORF_+_523155	523155	523196	+	3	42	GTG	TGA	0	0
mORF_+_523203	523203	523232	+	3	30	GTG	TGA	0	0
mORF_+_523248	523248	523385	+	3	138	GTG	TGA	0	0
mORF_+_523378	523378	523458	+	1	81	GTG	TGA	0	0
mORF_+_523455	523455	523610	+	3	156	GTG	TGA	0	0
mORF_+_523641	523641	523676	+	3	36	ATG	TGA	0	0
mORF_+_523683	523683	523718	+	3	36	GTG	TGA	0	0
mORF_+_523770	523770	523835	+	3	66	ATG	TGA	0	0
mORF_+_523836	523836	523919	+	3	84	ATG	TGA	0	0
mORF_+_523962	523962	524090	+	3	129	ATG	TGA	0	0
mORF_+_524151	524151	524177	+	3	27	ATG	TGA	0	0
mORF_+_524220	524220	524240	+	3	21	ATG	TAA	0	0
mORF_+_524265	524265	524303	+	3	39	GTG	TGA	0	0
mORF_+_524349	524349	524390	+	3	42	ATG	TGA	0	0
mORF_+_524353	524353	524508	+	1	156	GTG	TGA	0	0
mORF_+_524409	524409	524435	+	3	27	ATG	TGA	0	0
mORF_+_524472	524472	524540	+	3	69	ATG	TGA	0	0
mORF_+_524559	524559	524627	+	3	69	GTG	TGA	0	0
mORF_+_524647	524647	524658	+	1	12	GTG	TGA	0	0
mORF_+_524655	524655	524675	+	3	21	ATG	TGA	0	0
mORF_+_524706	524706	524747	+	3	42	GTG	TGA	0	0
mORF_+_524755	524755	524805	+	1	51	ATG	TGA	0	0
mORF_+_524802	524802	524882	+	3	81	ATG	TGA	0	0
mORF_+_524875	524875	524964	+	1	90	GTG	TGA	0	0
mORF_+_524886	524886	524912	+	3	27	ATG	TGA	0	0
mORF_+_524961	524961	525017	+	3	57	GTG	TGA	0	0
mORF_+_525075	525075	525353	+	3	279	ATG	TGA	0	0
mORF_+_525091	525091	525099	+	1	9	GTG	TGA	0	0
mORF_+_525286	525286	525297	+	1	12	GTG	TAA	0	0
mORF_+_525381	525381	525386	+	3	6	GTG	TGA	0	0
mORF_+_525465	525465	525554	+	3	90	ATG	TGA	0	0
mORF_+_525559	525559	525579	+	1	21	GTG	TAA	0	0
mORF_+_525592	525592	525636	+	1	45	GTG	TGA	0	0
mORF_+_525597	525597	525620	+	3	24	ATG	TGA	0	0
mORF_+_525765	525765	525851	+	3	87	GTG	TGA	0	0
mORF_+_525855	525855	525890	+	3	36	GTG	TGA	0	0
mORF_+_525868	525868	526029	+	1	162	GTG	TGA	0	0
mORF_+_526026	526026	526193	+	3	168	ATG	TGA	0	0
mORF_+_526033	526033	526050	+	1	18	ATG	TAA	0	0
mORF_+_526201	526201	526245	+	1	45	ATG	TGA	0	0
mORF_+_526242	526242	526328	+	3	87	TTG	TAA	0	0
mORF_+_526267	526267	526275	+	1	9	TTG	TGA	0	0
mORF_+_526291	526291	526341	+	1	51	ATG	TAA	0	0
mORF_+_526344	526344	526370	+	3	27	TTG	TAG	0	0
mORF_+_526371	526371	526379	+	3	9	ATG	TGA	0	0
mORF_+_526402	526402	526407	+	1	6	ATG	TAA	0	0
mORF_+_526407	526407	526487	+	3	81	ATG	TAA	0	0
mORF_+_526516	526516	526536	+	1	21	ATG	TAG	0	0
mORF_+_526539	526539	526622	+	3	84	TTG	TAA	0	0
mORF_+_526641	526641	526736	+	3	96	TTG	TGA	0	0
mORF_+_526744	526744	526761	+	1	18	ATG	TGA	0	0
mORF_+_526758	526758	526808	+	3	51	ATG	TGA	0	0
mORF_+_526771	526771	526815	+	1	45	GTG	TAG	0	0
mORF_+_526805	526805	527173	+	2	369	ATG	TAA	0	0
mORF_+_526851	526851	526904	+	3	54	TTG	TGA	0	0
mORF_+_526908	526908	526928	+	3	21	ATG	TAG	0	0
mORF_+_526992	526992	527045	+	3	54	ATG	TAA	0	0
mORF_+_527065	527065	527076	+	1	12	TTG	TGA	0	0
mORF_+_527070	527070	527123	+	3	54	TTG	TAG	0	0

mORF+_527139	527139	527153	+	3	15	ATG	TGA	0	0
mORF+_527143	527143	527166	+	1	24	ATG	TAG	0	0
mORF+_527173	527173	527883	+	1	711	ATG	TAA	0	0
mORF+_527189	527189	527245	+	2	57	ATG	TGA	0	0
mORF+_527208	527208	527225	+	3	18	GTG	TGA	0	0
mORF+_527229	527229	527249	+	3	21	GTG	TGA	0	0
mORF+_527246	527246	527383	+	2	138	ATG	TAG	0	0
mORF+_527397	527397	527441	+	3	45	ATG	TGA	0	0
mORF+_527408	527408	527422	+	2	15	ATG	TGA	0	0
mORF+_527432	527432	527449	+	2	18	ATG	TAG	0	0
mORF+_527465	527465	527470	+	2	6	ATG	TAG	0	0
mORF+_527511	527511	527528	+	3	18	ATG	TGA	0	0
mORF+_527534	527534	527545	+	2	12	ATG	TGA	0	0
mORF+_527561	527561	527614	+	2	54	GTG	TAA	0	0
mORF+_527583	527583	527609	+	3	27	TTG	TAA	0	0
mORF+_527615	527615	527683	+	2	69	ATG	TAA	0	0
mORF+_527735	527735	527764	+	2	30	TTG	TAA	0	0
mORF+_527765	527765	527779	+	2	15	ATG	TGA	0	0
mORF+_527781	527781	527810	+	3	30	ATG	TAG	0	0
mORF+_527811	527811	527816	+	3	6	ATG	TAG	0	0
mORF+_527816	527816	527851	+	2	36	GTG	TAA	0	0
mORF+_527864	527864	528124	+	2	261	ATG	TAA	0	0
mORF+_527910	527910	527921	+	3	12	TTG	TAA	0	0
mORF+_527925	527925	527942	+	3	18	TTG	TAA	0	0
mORF+_527935	527935	527970	+	1	36	ATG	TGA	0	0
mORF+_527967	527967	527981	+	3	15	ATG	TAA	0	0
mORF+_528018	528018	528062	+	3	45	ATG	TAG	0	0
mORF+_528034	528034	528099	+	1	66	ATG	TGA	0	0
mORF+_528087	528087	528092	+	3	6	ATG	TAG	0	0
mORF+_528096	528096	528131	+	3	36	ATG	TGA	0	0
mORF+_528128	528128	528160	+	2	33	ATG	TGA	0	0
mORF+_528157	528157	528354	+	1	198	TTG	TAA	0	0
mORF+_528203	528203	528268	+	2	66	ATG	TAA	0	0
mORF+_528225	528225	528233	+	3	9	GTG	TAA	0	0
mORF+_528278	528278	528313	+	2	36	TTG	TAA	0	0
mORF+_528320	528320	528367	+	2	48	TTG	TAA	0	0
mORF+_528342	528342	528362	+	3	21	TTG	TGA	0	0
mORF+_528355	528355	528402	+	1	48	TTG	TAG	0	0
mORF+_528402	528402	528428	+	3	27	GTG	TGA	0	0
mORF+_528437	528437	528454	+	2	18	ATG	TAA	0	0
mORF+_528447	528447	528464	+	3	18	TTG	TAG	0	0
mORF+_528473	528473	528505	+	2	33	ATG	TGA	0	0
mORF+_528495	528495	528524	+	3	30	TTG	TGA	0	0
mORF+_528502	528502	528600	+	1	99	TTG	TAA	0	0
mORF+_528593	528593	528622	+	2	30	TTG	TAA	0	0
mORF+_528628	528628	528642	+	1	15	ATG	TAA	0	0
mORF+_528635	528635	528688	+	2	54	GTG	TAA	0	0
mORF+_528642	528642	528647	+	3	6	ATG	TGA	0	0
mORF+_528693	528693	528725	+	3	33	TTG	TAG	0	0
mORF+_528749	528749	528778	+	2	30	GTG	TAG	0	0
mORF+_528754	528754	528858	+	1	105	ATG	TGA	0	0
mORF+_528865	528865	528885	+	1	21	TTG	TGA	0	0
mORF+_528882	528882	528980	+	3	99	TTG	TGA	0	0
mORF+_528899	528899	528907	+	2	9	ATG	TAA	0	0
mORF+_528974	528974	529165	+	2	192	GTG	TGA	0	0
mORF+_528985	528985	529050	+	1	66	GTG	TAA	0	0
mORF+_529146	529146	529235	+	3	90	ATG	TGA	0	0
mORF+_529162	529162	529176	+	1	15	TTG	TGA	0	0
mORF+_529208	529208	529294	+	2	87	GTG	TAA	0	0
mORF+_529239	529239	529265	+	3	27	ATG	TAA	0	0
mORF+_529258	529258	529338	+	1	81	TTG	TAA	0	0
mORF+_529314	529314	529469	+	3	156	ATG	TAA	0	0
mORF+_529316	529316	529369	+	2	54	GTG	TAA	0	0

mORF_+_529488	529488	529568	+	3	81	ATG	TAG	0	0	
mORF_+_529498	529498	529560	+	1	63	GTG	TAG	0	0	
mORF_+_529520	529520	529585	+	2	66	TTG	TAA	0	0	
mORF_+_529599	529599	529850	+	3	252	GTG	TAG	0	0	
mORF_+_529893	529893	529904	+	3	12	TTG	TAA	0	0	
mORF_+_529895	529895	530044	+	2	150	GTG	TAG	0	0	
mORF_+_529906	529906	529932	+	1	27	GTG	TGA	0	0	
mORF_+_529929	529929	529979	+	3	51	ATG	TAA	0	0	
mORF_+_530028	530028	530141	+	3	114	TTG	TGA	0	0	
mORF_+_530069	530069	530338	+	2	270	GTG	TGA	0	0	
mORF_+_530175	530175	530273	+	3	99	TTG	TGA	0	0	
mORF_+_530212	530212	530223	+	1	12	ATG	TGA	0	0	
mORF_+_530277	530277	530327	+	3	51	TTG	TAA	0	0	
mORF_+_530293	530293	530424	+	1	132	GTG	TAG	0	0	
mORF_+_530351	530351	530374	+	2	24	TTG	TAG	0	0	
mORF_+_530358	530358	530456	+	3	99	GTG	TAA	0	0	
mORF_+_530434	530434	530559	+	1	126	GTG	TGA	0	0	
mORF_+_530459	530459	530515	+	2	57	GTG	TGA	0	0	
mORF_+_530532	530532	530690	+	3	159	TTG	TGA	0	0	
mORF_+_530629	530629	530679	+	1	51	ATG	TGA	0	0	
mORF_+_530684	530684	530704	+	2	21	TTG	TGA	0	0	
mORF_+_530701	530701	530787	+	1	87	TTG	TAA	0	0	
mORF_+_530733	530733	530918	+	3	186	ATG	TGA	0	0	
mORF_+_530750	530750	530830	+	2	81	ATG	TAA	0	0	
mORF_+_530915	530915	530956	+	2	42	ATG	TAA	0	0	
mORF_+_530928	530928	531056	+	3	129	ATG	TAG	0	0	
mORF_+_530977	530977	531000	+	1	24	TTG	TGA	0	0	
mORF_+_531059	531059	531253	+	2	195	TTG	TAG	0	0	
mORF_+_531069	531069	531074	+	3	6	ATG	TGA	0	0	
mORF_+_531135	531135	531140	+	3	6	TTG	TAG	0	0	
mORF_+_531147	531147	531344	+	3	198	TTG	TAA	0	0	
mORF_+_531205	531205	531336	+	1	132	TTG	TAA	0	0	
mORF_+_531254	531254	531370	+	2	117	ATG	TAA	0	0	
mORF_+_531357	531357	531482	+	3	126	GTG	TGA	0	0	
mORF_+_531385	531385	531417	+	1	33	TTG	TGA	0	0	
mORF_+_531475	531475	531498	+	1	24	TTG	TGA	0	0	
mORF_+_531479	531479	531544	+	2	66	GTG	TAA	0	0	
mORF_+_531516	531516	531581	+	3	66	ATG	TGA	0	0	
mORF_+_531553	531553	531603	+	1	51	TTG	TAG	0	0	
mORF_+_531578	531578	531595	+	2	18	TTG	TAA	0	0	
mORF_+_531605	531605	531715	+	2	111	TTG	TAG	0	0	
mORF_+_531615	531615	531629	+	3	15	TTG	TGA	0	0	
mORF_+_531640	531640	531678	+	1	39	GTG	TGA	0	0	
mORF_+_531675	531675	532157	+	3	483	ATG	TGA	0	0	
mORF_+_531715	531715	531732	+	1	18	GTG	TAA	0	0	
mORF_+_531769	531769	531873	+	1	105	ATG	TGA	0	0	
mORF_+_531931	531931	531960	+	1	30	GTG	TAG	0	0	
mORF_+_531961	531961	532023	+	1	63	GTG	TGA	0	0	
mORF_+_532105	532105	532179	+	1	75	GTG	TAA	0	0	
mORF_+_532154	532154	532189	+	2	36	GTG	TAA	0	0	
mORF_+_532190	532190	532216	+	2	27	TTG	TAG	0	0	
mORF_+_532197	532197	532232	+	3	36	TTG	TAG	0	0	
mORF_+_532235	532235	533050	+	2	816	ATG	TAA	21	97	pORF_+_532235
mORF_+_532317	532317	532418	+	3	102	TTG	TGA	0	0	
mORF_+_532440	532440	532463	+	3	24	TTG	TAG	0	0	
mORF_+_532468	532468	532494	+	1	27	GTG	TAA	0	0	
mORF_+_532485	532485	532562	+	3	78	GTG	TGA	0	0	
mORF_+_532587	532587	532622	+	3	36	ATG	TAA	0	0	
mORF_+_532623	532623	532634	+	3	12	TTG	TAG	0	0	
mORF_+_532636	532636	532641	+	1	6	GTG	TAA	0	0	
mORF_+_532657	532657	532836	+	1	180	GTG	TGA	0	0	
mORF_+_532659	532659	532742	+	3	84	GTG	TGA	0	0	
mORF_+_532791	532791	532814	+	3	24	TTG	TGA	0	0	

mORF_+_532833	532833	532853	+	3	21	GTG	TAG	0	0	
mORF_+_532866	532866	532874	+	3	9	ATG	TAG	0	0	
mORF_+_532882	532882	532908	+	1	27	TTG	TGA	0	0	
mORF_+_532905	532905	532961	+	3	57	ATG	TGA	0	0	
mORF_+_532974	532974	533036	+	3	63	TTG	TGA	0	0	
mORF_+_533050	533050	534921	+	1	1872	ATG	TAA	3	7	pORF_+_533050
mORF_+_533096	533096	533122	+	2	27	TTG	TAA	0	0	
mORF_+_533103	533103	533126	+	3	24	TTG	TAG	0	0	
mORF_+_533159	533159	533389	+	2	231	TTG	TGA	0	0	
mORF_+_533352	533352	533417	+	3	66	ATG	TGA	0	0	
mORF_+_533433	533433	533471	+	3	39	GTG	TAA	0	0	
mORF_+_533495	533495	533587	+	2	93	TTG	TGA	0	0	
mORF_+_533642	533642	533731	+	2	90	TTG	TAG	0	0	
mORF_+_533762	533762	533782	+	2	21	TTG	TAA	0	0	
mORF_+_533786	533786	533827	+	2	42	ATG	TGA	0	0	
mORF_+_533882	533882	533890	+	2	9	ATG	TGA	0	0	
mORF_+_533963	533963	534007	+	2	45	TTG	TAG	0	0	
mORF_+_534041	534041	534118	+	2	78	TTG	TGA	0	0	
mORF_+_534075	534075	534101	+	3	27	GTG	TGA	0	0	
mORF_+_534128	534128	534250	+	2	123	TTG	TGA	0	0	
mORF_+_534168	534168	534176	+	3	9	GTG	TAA	0	0	
mORF_+_534180	534180	534206	+	3	27	ATG	TAA	0	0	
mORF_+_534266	534266	534277	+	2	12	ATG	TGA	0	0	
mORF_+_534287	534287	534403	+	2	117	TTG	TAG	0	0	
mORF_+_534300	534300	534362	+	3	63	TTG	TAA	0	0	
mORF_+_534432	534432	534443	+	3	12	TTG	TGA	0	0	
mORF_+_534434	534434	534496	+	2	63	GTG	TGA	0	0	
mORF_+_534497	534497	534508	+	2	12	TTG	TAG	0	0	
mORF_+_534512	534512	534574	+	2	63	TTG	TGA	0	0	
mORF_+_534596	534596	534652	+	2	57	TTG	TGA	0	0	
mORF_+_534653	534653	534676	+	2	24	ATG	TAA	0	0	
mORF_+_534696	534696	534701	+	3	6	TTG	TAA	0	0	
mORF_+_534731	534731	534763	+	2	33	TTG	TAA	0	0	
mORF_+_534809	534809	534814	+	2	6	GTG	TGA	0	0	
mORF_+_534857	534857	534934	+	2	78	TTG	TAA	0	0	
mORF_+_534934	534934	535710	+	1	777	ATG	TAA	5	34	pORF_+_534934
mORF_+_534968	534968	535069	+	2	102	TTG	TAA	0	0	
mORF_+_535011	535011	535031	+	3	21	GTG	TGA	0	0	
mORF_+_535073	535073	535195	+	2	123	ATG	TAG	0	0	
mORF_+_535211	535211	535303	+	2	93	ATG	TAG	0	0	
mORF_+_535316	535316	535333	+	2	18	ATG	TGA	0	0	
mORF_+_535358	535358	535420	+	2	63	TTG	TGA	0	0	
mORF_+_535427	535427	535453	+	2	27	TTG	TGA	0	0	
mORF_+_535440	535440	535466	+	3	27	TTG	TGA	0	0	
mORF_+_535463	535463	535501	+	2	39	ATG	TAA	0	0	
mORF_+_535518	535518	535526	+	3	9	GTG	TGA	0	0	
mORF_+_535532	535532	535615	+	2	84	TTG	TAA	0	0	
mORF_+_535638	535638	535652	+	3	15	TTG	TGA	0	0	
mORF_+_535643	535643	535717	+	2	75	TTG	TAA	0	0	
mORF_+_535731	535731	535742	+	3	12	ATG	TAG	0	0	
mORF_+_535752	535752	535775	+	3	24	TTG	TGA	0	0	
mORF_+_535765	535765	535797	+	1	33	GTG	TAA	0	0	
mORF_+_535810	535810	536688	+	1	879	ATG	TGA	2	16	pORF_+_535810
mORF_+_535826	535826	535834	+	2	9	TTG	TAG	0	0	
mORF_+_535871	535871	535966	+	2	96	GTG	TAA	0	0	
mORF_+_536015	536015	536062	+	2	48	TTG	TGA	0	0	
mORF_+_536043	536043	536081	+	3	39	TTG	TGA	0	0	
mORF_+_536075	536075	536086	+	2	12	TTG	TGA	0	0	
mORF_+_536102	536102	536131	+	2	30	TTG	TGA	0	0	
mORF_+_536132	536132	536422	+	2	291	ATG	TGA	0	0	
mORF_+_536432	536432	536473	+	2	42	TTG	TGA	0	0	
mORF_+_536543	536543	536563	+	2	21	GTG	TGA	0	0	
mORF_+_536606	536606	536647	+	2	42	GTG	TAG	0	0	

mORF_+_536703	536703	536723	+	3	21	ATG	TGA	0	0	
mORF_+_536720	536720	536998	+	2	279	ATG	TGA	0	0	
mORF_+_536760	536760	536777	+	3	18	ATG	TAA	0	0	
mORF_+_536838	536838	536897	+	3	60	GTG	TAG	0	0	
mORF_+_536857	536857	538311	+	1	1455	ATG	TAA	0	0	
mORF_+_536961	536961	536981	+	3	21	ATG	TAA	0	0	
mORF_+_537074	537074	537085	+	2	12	TTG	TAA	0	0	
mORF_+_537098	537098	537136	+	2	39	GTG	TGA	0	0	
mORF_+_537143	537143	537187	+	2	45	GTG	TAA	0	0	
mORF_+_537197	537197	537253	+	2	57	TTG	TGA	0	0	
mORF_+_537210	537210	537299	+	3	90	GTG	TGA	0	0	
mORF_+_537260	537260	537286	+	2	27	TTG	TAA	0	0	
mORF_+_537293	537293	537313	+	2	21	GTG	TAG	0	0	
mORF_+_537365	537365	537373	+	2	9	TTG	TAG	0	0	
mORF_+_537377	537377	537397	+	2	21	TTG	TAA	0	0	
mORF_+_537423	537423	537494	+	3	72	GTG	TGA	0	0	
mORF_+_537491	537491	537553	+	2	63	TTG	TGA	0	0	
mORF_+_537566	537566	537592	+	2	27	TTG	TGA	0	0	
mORF_+_537629	537629	537661	+	2	33	GTG	TAG	0	0	
mORF_+_537662	537662	537811	+	2	150	TTG	TGA	0	0	
mORF_+_537696	537696	537734	+	3	39	ATG	TGA	0	0	
mORF_+_537765	537765	537830	+	3	66	TTG	TAA	0	0	
mORF_+_537866	537866	537892	+	2	27	TTG	TGA	0	0	
mORF_+_537914	537914	537937	+	2	24	TTG	TGA	0	0	
mORF_+_537945	537945	538067	+	3	123	GTG	TAA	0	0	
mORF_+_538007	538007	538018	+	2	12	TTG	TAA	0	0	
mORF_+_538019	538019	538030	+	2	12	TTG	TGA	0	0	
mORF_+_538043	538043	538051	+	2	9	TTG	TGA	0	0	
mORF_+_538070	538070	538144	+	2	75	TTG	TAA	0	0	
mORF_+_538169	538169	538261	+	2	93	TTG	TAA	0	0	
mORF_+_538215	538215	538334	+	3	120	ATG	TGA	0	0	
mORF_+_538324	538324	538386	+	1	63	TTG	TAA	0	0	
mORF_+_538331	538331	538339	+	2	9	TTG	TAA	0	0	
mORF_+_538371	538371	539732	+	3	1362	ATG	TAA	0	0	
mORF_+_538429	538429	538434	+	1	6	TTG	TAG	0	0	
mORF_+_538459	538459	538635	+	1	177	TTG	TGA	0	0	
mORF_+_538669	538669	538692	+	1	24	TTG	TGA	0	0	
mORF_+_538699	538699	538719	+	1	21	ATG	TGA	0	0	
mORF_+_538723	538723	538863	+	1	141	TTG	TAA	0	0	
mORF_+_538808	538808	538858	+	2	51	ATG	TGA	0	0	
mORF_+_538885	538885	538944	+	1	60	GTG	TGA	0	0	
mORF_+_538946	538946	538951	+	2	6	TTG	TGA	0	0	
mORF_+_538948	538948	538989	+	1	42	GTG	TAA	0	0	
mORF_+_538996	538996	539127	+	1	132	ATG	TGA	0	0	
mORF_+_539075	539075	539119	+	2	45	TTG	TGA	0	0	
mORF_+_539131	539131	539340	+	1	210	GTG	TGA	0	0	
mORF_+_539159	539159	539164	+	2	6	TTG	TGA	0	0	
mORF_+_539228	539228	539287	+	2	60	GTG	TAA	0	0	
mORF_+_539324	539324	539350	+	2	27	ATG	TAA	0	0	
mORF_+_539363	539363	539413	+	2	51	ATG	TGA	0	0	
mORF_+_539410	539410	539460	+	1	51	ATG	TAA	0	0	
mORF_+_539524	539524	539664	+	1	141	ATG	TGA	2	12	pORF_+_539524
mORF_+_539674	539674	539913	+	1	240	TTG	TAG	0	0	
mORF_+_539756	539756	539779	+	2	24	TTG	TAA	0	0	
mORF_+_539781	539781	540128	+	3	348	GTG	TGA	0	0	
mORF_+_539783	539783	541090	+	2	1308	GTG	TAA	0	0	
mORF_+_539977	539977	540054	+	1	78	TTG	TGA	0	0	
mORF_+_540138	540138	540155	+	3	18	TTG	TAG	0	0	
mORF_+_540264	540264	540272	+	3	9	TTG	TAG	0	0	
mORF_+_540328	540328	540456	+	1	129	GTG	TGA	0	0	
mORF_+_540369	540369	540401	+	3	33	TTG	TAA	0	0	
mORF_+_540453	540453	540518	+	3	66	GTG	TGA	0	0	
mORF_+_540469	540469	540627	+	1	159	GTG	TAG	0	0	

mORF_+_540561	540561	540650	+	3	90	GTG	TGA	0	0
mORF_+_540693	540693	540716	+	3	24	TTG	TAA	0	0
mORF_+_540753	540753	540830	+	3	78	ATG	TGA	0	0
mORF_+_540766	540766	540834	+	1	69	TTG	TAG	0	0
mORF_+_540834	540834	540899	+	3	66	GTG	TAA	0	0
mORF_+_540942	540942	540959	+	3	18	TTG	TAA	0	0
mORF_+_541072	541072	541098	+	1	27	GTG	TGA	0	0
mORF_+_541092	541092	541109	+	3	18	TTG	TGA	0	0
mORF_+_541106	541106	542257	+	2	1152	TTG	TAA	0	0
mORF_+_541119	541119	541154	+	3	36	TTG	TAA	0	0
mORF_+_541155	541155	541235	+	3	81	GTG	TAG	0	0
mORF_+_541165	541165	541182	+	1	18	ATG	TAA	0	0
mORF_+_541239	541239	541295	+	3	57	ATG	TGA	0	0
mORF_+_541299	541299	541331	+	3	33	TTG	TGA	0	0
mORF_+_541332	541332	541373	+	3	42	ATG	TGA	0	0
mORF_+_541374	541374	541400	+	3	27	TTG	TGA	0	0
mORF_+_541446	541446	541463	+	3	18	TTG	TAA	0	0
mORF_+_541470	541470	541616	+	3	147	ATG	TAG	0	0
mORF_+_541632	541632	541682	+	3	51	TTG	TAG	0	0
mORF_+_541645	541645	541677	+	1	33	ATG	TGA	0	0
mORF_+_541684	541684	541689	+	1	6	ATG	TGA	0	0
mORF_+_541686	541686	541709	+	3	24	GTG	TAG	0	0
mORF_+_541734	541734	541931	+	3	198	TTG	TGA	0	0
mORF_+_541932	541932	541976	+	3	45	ATG	TGA	0	0
mORF_+_542031	542031	542069	+	3	39	GTG	TGA	0	0
mORF_+_542070	542070	542165	+	3	96	TTG	TAG	0	0
mORF_+_542184	542184	542237	+	3	54	GTG	TAG	0	0
mORF_+_542276	542276	542326	+	2	51	ATG	TGA	0	0
mORF_+_542298	542298	542456	+	3	159	GTG	TAG	0	0
mORF_+_542323	542323	542382	+	1	60	ATG	TAG	0	0
mORF_+_542366	542366	542434	+	2	69	TTG	TAA	0	0
mORF_+_542438	542438	542488	+	2	51	GTG	TAA	0	0
mORF_+_542475	542475	542483	+	3	9	GTG	TGA	0	0
mORF_+_542588	542588	542593	+	2	6	ATG	TAA	0	0
mORF_+_542621	542621	542635	+	2	15	TTG	TAA	0	0
mORF_+_542665	542665	542748	+	1	84	GTG	TAA	0	0
mORF_+_542679	542679	542777	+	3	99	GTG	TAA	0	0
mORF_+_542729	542729	542797	+	2	69	ATG	TAA	0	0
mORF_+_542797	542797	542880	+	1	84	ATG	TAA	0	0
mORF_+_542801	542801	542848	+	2	48	ATG	TAG	0	0
mORF_+_542841	542841	542912	+	3	72	GTG	TAA	0	0
mORF_+_542887	542887	542925	+	1	39	TTG	TAA	0	0
mORF_+_542970	542970	542996	+	3	27	ATG	TGA	0	0
mORF_+_542975	542975	543070	+	2	96	TTG	TGA	0	0
mORF_+_543052	543052	543186	+	1	135	TTG	TAA	0	0
mORF_+_543075	543075	543080	+	3	6	GTG	TGA	0	0
mORF_+_543077	543077	543088	+	2	12	GTG	TAA	0	0
mORF_+_543111	543111	543158	+	3	48	TTG	TAA	0	0
mORF_+_543116	543116	543244	+	2	129	GTG	TAA	0	0
mORF_+_543189	543189	543209	+	3	21	GTG	TAA	0	0
mORF_+_543202	543202	543231	+	1	30	GTG	TAA	0	0
mORF_+_543248	543248	543556	+	2	309	GTG	TAA	0	0
mORF_+_543273	543273	543302	+	3	30	ATG	TGA	0	0
mORF_+_543309	543309	543473	+	3	165	ATG	TAA	0	0
mORF_+_543313	543313	543327	+	1	15	GTG	TGA	0	0
mORF_+_543412	543412	543624	+	1	213	TTG	TGA	0	0
mORF_+_543507	543507	543653	+	3	147	GTG	TGA	0	0
mORF_+_543617	543617	543847	+	2	231	TTG	TGA	0	0
mORF_+_543663	543663	543776	+	3	114	ATG	TGA	0	0
mORF_+_543783	543783	543800	+	3	18	ATG	TAA	0	0
mORF_+_543828	543828	543872	+	3	45	GTG	TAA	0	0
mORF_+_543844	543844	543969	+	1	126	TTG	TAA	0	0
mORF_+_543911	543911	543988	+	2	78	TTG	TAG	0	0

mORF_+_543988	543988	544008	+	1	21	GTG	TAA	0	0
mORF_+_544047	544047	544424	+	3	378	TTG	TAA	0	0
mORF_+_544187	544187	544333	+	2	147	TTG	TAA	0	0
mORF_+_544207	544207	544260	+	1	54	TTG	TAA	0	0
mORF_+_544300	544300	544389	+	1	90	GTG	TAA	0	0
mORF_+_544391	544391	544429	+	2	39	TTG	TAA	0	0
mORF_+_544496	544496	544537	+	2	42	TTG	TAA	0	0
mORF_+_544507	544507	544512	+	1	6	GTG	TAA	0	0
mORF_+_544541	544541	544570	+	2	30	TTG	TGA	0	0
mORF_+_544567	544567	544656	+	1	90	ATG	TAA	0	0
mORF_+_544572	544572	544580	+	3	9	GTG	TAA	0	0
mORF_+_544626	544626	544664	+	3	39	ATG	TGA	0	0
mORF_+_544649	544649	544720	+	2	72	TTG	TAA	0	0
mORF_+_544710	544710	544748	+	3	39	ATG	TGA	0	0
mORF_+_544742	544742	544756	+	2	15	ATG	TAA	0	0
mORF_+_544793	544793	544798	+	2	6	ATG	TAA	0	0
mORF_+_544799	544799	544825	+	2	27	TTG	TAA	0	0
mORF_+_544918	544918	545007	+	1	90	TTG	TAG	0	0
mORF_+_544943	544943	545353	+	2	411	ATG	TAA	0	0
mORF_+_545044	545044	545058	+	1	15	ATG	TAG	0	0
mORF_+_545161	545161	545193	+	1	33	TTG	TGA	0	0
mORF_+_545184	545184	545225	+	3	42	ATG	TAA	0	0
mORF_+_545230	545230	545256	+	1	27	TTG	TGA	0	0
mORF_+_545292	545292	545435	+	3	144	TTG	TAG	0	0
mORF_+_545356	545356	545580	+	1	225	TTG	TGA	0	0
mORF_+_545456	545456	545527	+	2	72	ATG	TAA	0	0
mORF_+_545561	545561	545614	+	2	54	GTG	TGA	0	0
mORF_+_545611	545611	545631	+	1	21	GTG	TAA	0	0
mORF_+_545618	545618	545683	+	2	66	ATG	TAG	0	0
mORF_+_545655	545655	545660	+	3	6	ATG	TGA	0	0
mORF_+_545695	545695	545721	+	1	27	TTG	TGA	0	0
mORF_+_545753	545753	545779	+	2	27	ATG	TGA	0	0
mORF_+_545776	545776	545907	+	1	132	TTG	TGA	0	0
mORF_+_545786	545786	545806	+	2	21	TTG	TGA	0	0
mORF_+_545829	545829	545846	+	3	18	TTG	TAA	0	0
mORF_+_545867	545867	545923	+	2	57	GTG	TAA	0	0
mORF_+_545904	545904	547571	+	3	1668	ATG	TAA	0	0
mORF_+_545930	545930	545995	+	2	66	GTG	TGA	0	0
mORF_+_545989	545989	546009	+	1	21	ATG	TAA	0	0
mORF_+_546061	546061	546171	+	1	111	ATG	TAA	0	0
mORF_+_546095	546095	546112	+	2	18	TTG	TAG	0	0
mORF_+_546232	546232	546270	+	1	39	GTG	TGA	0	0
mORF_+_546289	546289	546336	+	1	48	ATG	TGA	0	0
mORF_+_546367	546367	546414	+	1	48	ATG	TGA	0	0
mORF_+_546442	546442	546474	+	1	33	TTG	TGA	0	0
mORF_+_546490	546490	546627	+	1	138	TTG	TAA	0	0
mORF_+_546530	546530	546604	+	2	75	GTG	TGA	0	0
mORF_+_546646	546646	546711	+	1	66	GTG	TGA	0	0
mORF_+_546715	546715	546729	+	1	15	TTG	TGA	0	0
mORF_+_546796	546796	546879	+	1	84	ATG	TAG	0	0
mORF_+_546839	546839	546871	+	2	33	TTG	TAA	0	0
mORF_+_546902	546902	547018	+	2	117	TTG	TAG	0	0
mORF_+_546952	546952	547002	+	1	51	TTG	TGA	0	0
mORF_+_547030	547030	547077	+	1	48	TTG	TGA	0	0
mORF_+_547105	547105	547158	+	1	54	TTG	TGA	0	0
mORF_+_547159	547159	547200	+	1	42	TTG	TGA	0	0
mORF_+_547219	547219	547233	+	1	15	GTG	TAG	0	0
mORF_+_547249	547249	547266	+	1	18	ATG	TGA	0	0
mORF_+_547279	547279	547341	+	1	63	GTG	TGA	0	0
mORF_+_547289	547289	547447	+	2	159	ATG	TAA	0	0
mORF_+_547465	547465	547557	+	1	93	TTG	TAG	0	0
mORF_+_547511	547511	547537	+	2	27	ATG	TAA	0	0
mORF_+_547581	547581	547841	+	3	261	ATG	TGA	0	0

mORF+_547606	547606	547689	+	1	84	ATG	TAA	0	0	
mORF+_547763	547763	547804	+	2	42	GTG	TGA	0	0	
mORF+_547801	547801	547923	+	1	123	ATG	TGA	0	0	
mORF+_547838	547838	548839	+	2	1002	GTG	TGA	0	0	
mORF+_547860	547860	547865	+	3	6	ATG	TGA	0	0	
mORF+_547866	547866	547931	+	3	66	ATG	TGA	0	0	
mORF+_547989	547989	548015	+	3	27	TTG	TGA	0	0	
mORF+_548037	548037	548045	+	3	9	ATG	TAA	0	0	
mORF+_548130	548130	548171	+	3	42	ATG	TAA	0	0	
mORF+_548175	548175	548234	+	3	60	GTG	TGA	0	0	
mORF+_548304	548304	548318	+	3	15	ATG	TGA	0	0	
mORF+_548502	548502	548525	+	3	24	TTG	TGA	0	0	
mORF+_548550	548550	548693	+	3	144	TTG	TAG	0	0	
mORF+_548662	548662	548736	+	1	75	GTG	TAA	0	0	
mORF+_548757	548757	549665	+	3	909	TTG	TGA	1	2	pORF+_548757
mORF+_548788	548788	548796	+	1	9	GTG	TGA	0	0	
mORF+_548836	548836	548853	+	1	18	TTG	TGA	0	0	
mORF+_548872	548872	548916	+	1	45	TTG	TAG	0	0	
mORF+_548924	548924	548941	+	2	18	GTG	TAA	0	0	
mORF+_548989	548989	549345	+	1	357	GTG	TAA	0	0	
mORF+_549008	549008	549064	+	2	57	ATG	TGA	0	0	
mORF+_549131	549131	549256	+	2	126	TTG	TGA	0	0	
mORF+_549355	549355	549369	+	1	15	ATG	TGA	0	0	
mORF+_549397	549397	549408	+	1	12	ATG	TAG	0	0	
mORF+_549409	549409	549474	+	1	66	ATG	TGA	0	0	
mORF+_549493	549493	549546	+	1	54	ATG	TGA	0	0	
mORF+_549548	549548	549577	+	2	30	TTG	TGA	0	0	
mORF+_549568	549568	549714	+	1	147	TTG	TGA	0	0	
mORF+_549662	549662	550555	+	2	894	ATG	TAG	0	0	
mORF+_549675	549675	549722	+	3	48	TTG	TGA	0	0	
mORF+_549753	549753	549866	+	3	114	GTG	TAG	0	0	
mORF+_549853	549853	549987	+	1	135	GTG	TGA	0	0	
mORF+_549882	549882	549911	+	3	30	ATG	TGA	0	0	
mORF+_549912	549912	549938	+	3	27	TTG	TGA	0	0	
mORF+_549984	549984	550094	+	3	111	TTG	TGA	0	0	
mORF+_550098	550098	550199	+	3	102	GTG	TGA	0	0	
mORF+_550201	550201	550236	+	1	36	TTG	TGA	0	0	
mORF+_550206	550206	550229	+	3	24	GTG	TGA	0	0	
mORF+_550233	550233	550259	+	3	27	ATG	TGA	0	0	
mORF+_550260	550260	550319	+	3	60	TTG	TGA	0	0	
mORF+_550329	550329	550403	+	3	75	ATG	TAG	0	0	
mORF+_550410	550410	550445	+	3	36	TTG	TAA	0	0	
mORF+_550455	550455	550568	+	3	114	GTG	TAG	0	0	
mORF+_550486	550486	550512	+	1	27	GTG	TGA	0	0	
mORF+_550573	550573	550815	+	1	243	TTG	TAA	0	0	
mORF+_550575	550575	550652	+	3	78	GTG	TGA	0	0	
mORF+_550619	550619	550741	+	2	123	GTG	TAG	0	0	
mORF+_550842	550842	550970	+	3	129	ATG	TGA	0	0	
mORF+_550844	550844	550945	+	2	102	GTG	TAA	0	0	
mORF+_550867	550867	551007	+	1	141	ATG	TAA	0	0	
mORF+_550967	550967	551077	+	2	111	TTG	TGA	0	0	
mORF+_551032	551032	551394	+	1	363	ATG	TAA	0	0	
mORF+_551067	551067	551111	+	3	45	GTG	TGA	0	0	
mORF+_551108	551108	551164	+	2	57	TTG	TAG	0	0	
mORF+_551217	551217	551351	+	3	135	GTG	TAA	0	0	
mORF+_551222	551222	551266	+	2	45	TTG	TGA	0	0	
mORF+_551297	551297	551380	+	2	84	GTG	TAA	0	0	
mORF+_551409	551409	551462	+	3	54	TTG	TAA	0	0	
mORF+_551425	551425	551481	+	1	57	TTG	TAA	0	0	
mORF+_551450	551450	551572	+	2	123	GTG	TGA	0	0	
mORF+_551532	551532	551591	+	3	60	GTG	TAA	0	0	
mORF+_551545	551545	551646	+	1	102	GTG	TAA	0	0	
mORF+_551646	551646	551681	+	3	36	ATG	TAA	0	0	

mORF+_551689	551689	551751	+	1	63	TTG	TAA	0	0	
mORF+_551744	551744	551767	+	2	24	ATG	TGA	0	0	
mORF+_551816	551816	552127	+	2	312	ATG	TAA	0	0	
mORF+_551866	551866	551907	+	1	42	TTG	TGA	0	0	
mORF+_551889	551889	551933	+	3	45	GTG	TAA	0	0	
mORF+_551983	551983	552012	+	1	30	ATG	TAG	0	0	
mORF+_551997	551997	552332	+	3	336	TTG	TAA	0	0	
mORF+_552076	552076	552135	+	1	60	TTG	TGA	0	0	
mORF+_552184	552184	552192	+	1	9	GTG	TGA	0	0	
mORF+_552256	552256	552363	+	1	108	ATG	TAG	0	0	
mORF+_552405	552405	552494	+	3	90	TTG	TGA	0	0	
mORF+_552409	552409	552444	+	1	36	GTG	TAA	0	0	
mORF+_552478	552478	552543	+	1	66	GTG	TGA	0	0	
mORF+_552491	552491	552553	+	2	63	TTG	TAA	0	0	
mORF+_552504	552504	552746	+	3	243	ATG	TAG	0	0	
mORF+_552544	552544	552606	+	1	63	TTG	TGA	0	0	
mORF+_552649	552649	552789	+	1	141	ATG	TGA	0	0	
mORF+_552765	552765	552878	+	3	114	GTG	TAA	0	0	
mORF+_552805	552805	552849	+	1	45	GTG	TAA	0	0	
mORF+_552883	552883	552936	+	1	54	ATG	TGA	0	0	
mORF+_552933	552933	553088	+	3	156	ATG	TAA	1	2	pORF+_552933
mORF+_552937	552937	552945	+	1	9	ATG	TAA	0	0	
mORF+_552973	552973	553137	+	1	165	TTG	TGA	0	0	
mORF+_553001	553001	553111	+	2	111	GTG	TGA	0	0	
mORF+_553134	553134	553304	+	3	171	ATG	TAG	0	0	
mORF+_553154	553154	553840	+	2	687	GTG	TAA	0	0	
mORF+_553207	553207	553254	+	1	48	TTG	TGA	0	0	
mORF+_553359	553359	553397	+	3	39	TTG	TGA	0	0	
mORF+_553372	553372	553458	+	1	87	GTG	TGA	0	0	
mORF+_553440	553440	553511	+	3	72	TTG	TGA	0	0	
mORF+_553524	553524	553556	+	3	33	TTG	TAA	0	0	
mORF+_553600	553600	553623	+	1	24	GTG	TGA	0	0	
mORF+_553620	553620	553640	+	3	21	TTG	TGA	0	0	
mORF+_553641	553641	553682	+	3	42	TTG	TGA	0	0	
mORF+_553663	553663	553728	+	1	66	TTG	TAG	0	0	
mORF+_553683	553683	553715	+	3	33	TTG	TAG	0	0	
mORF+_553761	553761	553880	+	3	120	ATG	TAA	0	0	
mORF+_553834	553834	555219	+	1	1386	ATG	TAA	62	375	pORF+_553834
mORF+_553914	553914	553976	+	3	63	GTG	TGA	0	0	
mORF+_553916	553916	554017	+	2	102	GTG	TGA	0	0	
mORF+_554021	554021	554110	+	2	90	ATG	TGA	0	0	
mORF+_554132	554132	554143	+	2	12	TTG	TGA	0	0	
mORF+_554198	554198	554218	+	2	21	TTG	TGA	0	0	
mORF+_554237	554237	554260	+	2	24	ATG	TGA	0	0	
mORF+_554288	554288	554470	+	2	183	ATG	TGA	0	0	
mORF+_554382	554382	554456	+	3	75	GTG	TGA	0	0	
mORF+_554457	554457	554489	+	3	33	ATG	TAA	0	0	
mORF+_554495	554495	554524	+	2	30	TTG	TGA	0	0	
mORF+_554564	554564	554587	+	2	24	GTG	TGA	0	0	
mORF+_554618	554618	554677	+	2	60	TTG	TGA	0	0	
mORF+_554771	554771	554932	+	2	162	GTG	TAA	0	0	
mORF+_554966	554966	555091	+	2	126	ATG	TAA	0	0	
mORF+_555107	555107	555328	+	2	222	ATG	TAA	0	0	
mORF+_555220	555220	555336	+	1	117	TTG	TGA	0	0	
mORF+_555228	555228	555290	+	3	63	TTG	TAG	0	0	
mORF+_555336	555336	555419	+	3	84	ATG	TGA	0	0	
mORF+_555349	555349	555357	+	1	9	GTG	TAA	0	0	
mORF+_555365	555365	555532	+	2	168	ATG	TGA	0	0	
mORF+_555454	555454	555609	+	1	156	GTG	TGA	0	0	
mORF+_555477	555477	555485	+	3	9	GTG	TAG	0	0	
mORF+_555591	555591	555695	+	3	105	ATG	TAA	0	0	
mORF+_555619	555619	555627	+	1	9	TTG	TAA	0	0	
mORF+_555679	555679	555819	+	1	141	ATG	TGA	0	0	

mORF_+_555756	555756	555830	+	3	75	GTG	TAG	0	0
mORF_+_555770	555770	555778	+	2	9	TTG	TGA	0	0
mORF_+_555812	555812	555865	+	2	54	ATG	TGA	0	0
mORF_+_555862	555862	556119	+	1	258	TTG	TGA	0	0
mORF_+_555905	555905	556081	+	2	177	GTG	TAA	0	0
mORF_+_555942	555942	556139	+	3	198	TTG	TAG	0	0
mORF_+_556109	556109	556198	+	2	90	GTG	TAA	0	0
mORF_+_556141	556141	556371	+	1	231	GTG	TGA	0	0
mORF_+_556202	556202	556216	+	2	15	ATG	TAG	0	0
mORF_+_556289	556289	556303	+	2	15	TTG	TGA	0	0
mORF_+_556368	556368	556664	+	3	297	GTG	TAA	0	0
mORF_+_556387	556387	556398	+	1	12	GTG	TGA	0	0
mORF_+_556408	556408	556509	+	1	102	GTG	TAA	0	0
mORF_+_556463	556463	556486	+	2	24	ATG	TGA	0	0
mORF_+_556522	556522	556590	+	1	69	GTG	TAA	0	0
mORF_+_556612	556612	556623	+	1	12	TTG	TGA	0	0
mORF_+_556639	556639	556674	+	1	36	TTG	TGA	0	0
mORF_+_556671	556671	557129	+	3	459	TTG	TGA	0	0
mORF_+_556681	556681	556764	+	1	84	ATG	TAA	0	0
mORF_+_556798	556798	556818	+	1	21	TTG	TAA	0	0
mORF_+_556808	556808	556951	+	2	144	TTG	TAA	0	0
mORF_+_556955	556955	557101	+	2	147	TTG	TGA	0	0
mORF_+_557014	557014	557064	+	1	51	TTG	TGA	0	0
mORF_+_557074	557074	557085	+	1	12	TTG	TGA	0	0
mORF_+_557126	557126	557140	+	2	15	ATG	TAA	0	0
mORF_+_557162	557162	557176	+	2	15	TTG	TAA	0	0
mORF_+_557248	557248	557256	+	1	9	TTG	TGA	0	0
mORF_+_557250	557250	557285	+	3	36	GTG	TAA	0	0
mORF_+_557264	557264	557305	+	2	42	TTG	TAG	0	0
mORF_+_557312	557312	557329	+	2	18	GTG	TAA	0	0
mORF_+_557368	557368	557376	+	1	9	GTG	TAA	0	0
mORF_+_557400	557400	557414	+	3	15	ATG	TAA	0	0
mORF_+_557402	557402	557977	+	2	576	GTG	TAA	0	0
mORF_+_557415	557415	557438	+	3	24	ATG	TGA	0	0
mORF_+_557496	557496	557510	+	3	15	ATG	TAG	0	0
mORF_+_557511	557511	557546	+	3	36	ATG	TGA	0	0
mORF_+_557547	557547	557564	+	3	18	ATG	TGA	0	0
mORF_+_557586	557586	557648	+	3	63	TTG	TAA	0	0
mORF_+_557685	557685	557867	+	3	183	TTG	TGA	0	0
mORF_+_557922	557922	557966	+	3	45	GTG	TGA	0	0
mORF_+_557970	557970	558026	+	3	57	ATG	TAA	0	0
mORF_+_557989	557989	557997	+	1	9	TTG	TGA	0	0
mORF_+_558026	558026	558103	+	2	78	ATG	TAA	0	0
mORF_+_558049	558049	558063	+	1	15	ATG	TAA	0	0
mORF_+_558073	558073	558207	+	1	135	ATG	TAA	0	0
mORF_+_558104	558104	558118	+	2	15	ATG	TGA	0	0
mORF_+_558120	558120	558128	+	3	9	GTG	TAA	0	0
mORF_+_558165	558165	558194	+	3	30	TTG	TAA	0	0
mORF_+_558197	558197	558889	+	2	693	ATG	TAA	0	0
mORF_+_558261	558261	558284	+	3	24	ATG	TAG	0	0
mORF_+_558285	558285	558401	+	3	117	GTG	TAA	0	0
mORF_+_558331	558331	558339	+	1	9	ATG	TAG	0	0
mORF_+_558376	558376	558384	+	1	9	GTG	TGA	0	0
mORF_+_558435	558435	558524	+	3	90	TTG	TGA	0	0
mORF_+_558525	558525	558548	+	3	24	ATG	TAG	0	0
mORF_+_558555	558555	558563	+	3	9	ATG	TGA	0	0
mORF_+_558573	558573	558605	+	3	33	ATG	TGA	0	0
mORF_+_558693	558693	558827	+	3	135	ATG	TGA	0	0
mORF_+_558843	558843	558860	+	3	18	ATG	TAA	0	0
mORF_+_558920	558920	561523	+	2	2604	ATG	TAA	0	0
mORF_+_558964	558964	559077	+	1	114	GTG	TGA	0	0
mORF_+_558993	558993	559016	+	3	24	TTG	TAA	0	0
mORF_+_559020	559020	559055	+	3	36	ATG	TAG	0	0

mORF+_559059	559059	559220	+	3	162	ATG	TAA	0	0
mORF+_559245	559245	559286	+	3	42	TTG	TAG	0	0
mORF+_559306	559306	559335	+	1	30	ATG	TGA	0	0
mORF+_559335	559335	559373	+	3	39	ATG	TGA	0	0
mORF+_559435	559435	559443	+	1	9	GTG	TGA	0	0
mORF+_559440	559440	559466	+	3	27	ATG	TGA	0	0
mORF+_559494	559494	559655	+	3	162	ATG	TGA	0	0
mORF+_559546	559546	559617	+	1	72	GTG	TAA	0	0
mORF+_559659	559659	559670	+	3	12	GTG	TAA	0	0
mORF+_559692	559692	559817	+	3	126	GTG	TAA	0	0
mORF+_559830	559830	560018	+	3	189	ATG	TGA	0	0
mORF+_560202	560202	560207	+	3	6	ATG	TAA	0	0
mORF+_560211	560211	560228	+	3	18	ATG	TAG	0	0
mORF+_560244	560244	560285	+	3	42	ATG	TGA	0	0
mORF+_560349	560349	560423	+	3	75	TTG	TAA	0	0
mORF+_560475	560475	560636	+	3	162	ATG	TAG	0	0
mORF+_560560	560560	560628	+	1	69	GTG	TGA	0	0
mORF+_560658	560658	560696	+	3	39	TTG	TGA	0	0
mORF+_560721	560721	560798	+	3	78	ATG	TAG	0	0
mORF+_560799	560799	560828	+	3	30	GTG	TGA	0	0
mORF+_560847	560847	560999	+	3	153	GTG	TAA	0	0
mORF+_561027	561027	561035	+	3	9	ATG	TGA	0	0
mORF+_561057	561057	561089	+	3	33	GTG	TAA	0	0
mORF+_561105	561105	561113	+	3	9	ATG	TGA	0	0
mORF+_561120	561120	561257	+	3	138	ATG	TAG	0	0
mORF+_561306	561306	561341	+	3	36	TTG	TAA	0	0
mORF+_561354	561354	561377	+	3	24	GTG	TAA	0	0
mORF+_561378	561378	561539	+	3	162	GTG	TAA	0	0
mORF+_561412	561412	562542	+	1	1131	GTG	TGA	0	0
mORF+_561570	561570	561617	+	3	48	ATG	TAG	0	0
mORF+_561608	561608	561628	+	2	21	GTG	TAG	0	0
mORF+_561635	561635	561724	+	2	90	ATG	TAG	0	0
mORF+_561725	561725	561760	+	2	36	GTG	TGA	0	0
mORF+_561738	561738	561776	+	3	39	TTG	TAG	0	0
mORF+_561779	561779	561850	+	2	72	ATG	TAG	0	0
mORF+_561851	561851	561859	+	2	9	GTG	TGA	0	0
mORF+_561866	561866	561877	+	2	12	TTG	TGA	0	0
mORF+_562046	562046	562051	+	2	6	ATG	TGA	0	0
mORF+_562100	562100	562138	+	2	39	TTG	TAA	0	0
mORF+_562139	562139	562288	+	2	150	ATG	TAA	0	0
mORF+_562257	562257	562394	+	3	138	ATG	TAA	0	0
mORF+_562307	562307	562351	+	2	45	GTG	TAG	0	0
mORF+_562358	562358	563068	+	2	711	TTG	TAA	0	0
mORF+_562539	562539	562556	+	3	18	ATG	TGA	0	0
mORF+_562591	562591	562617	+	1	27	GTG	TGA	0	0
mORF+_562602	562602	562625	+	3	24	GTG	TAG	0	0
mORF+_562656	562656	562679	+	3	24	TTG	TAA	0	0
mORF+_562692	562692	562706	+	3	15	TTG	TAG	0	0
mORF+_562717	562717	562773	+	1	57	ATG	TAG	0	0
mORF+_562789	562789	562863	+	1	75	ATG	TGA	0	0
mORF+_562806	562806	562955	+	3	150	TTG	TAG	0	0
mORF+_562956	562956	562979	+	3	24	ATG	TAA	0	0
mORF+_562986	562986	563006	+	3	21	TTG	TAG	0	0
mORF+_563013	563013	563054	+	3	42	GTG	TGA	0	0
mORF+_563090	563090	563098	+	2	9	TTG	TAG	0	0
mORF+_563115	563115	563147	+	3	33	TTG	TAG	0	0
mORF+_563119	563119	563130	+	1	12	ATG	TAG	0	0
mORF+_563132	563132	563140	+	2	9	TTG	TAA	0	0
mORF+_563152	563152	563181	+	1	30	ATG	TAA	0	0
mORF+_563171	563171	563227	+	2	57	TTG	TAA	0	0
mORF+_563234	563234	563305	+	2	72	ATG	TAG	0	0
mORF+_563268	563268	563309	+	3	42	TTG	TAA	0	0
mORF+_563330	563330	563353	+	2	24	GTG	TGA	0	0

mORF_+_563359	563359	563445	+	1	87	ATG	TGA	0	0	
mORF_+_563381	563381	563434	+	2	54	TTG	TAA	0	0	
mORF_+_563451	563451	563492	+	3	42	ATG	TGA	0	0	
mORF_+_563474	563474	563575	+	2	102	GTG	TAA	0	0	
mORF_+_563485	563485	563550	+	1	66	TTG	TAA	0	0	
mORF_+_563579	563579	563593	+	2	15	ATG	TAA	0	0	
mORF_+_563632	563632	563913	+	1	282	TTG	TAA	0	0	
mORF_+_563660	563660	563671	+	2	12	ATG	TGA	0	0	
mORF_+_563681	563681	563761	+	2	81	ATG	TGA	0	0	
mORF_+_563694	563694	563705	+	3	12	TTG	TAG	0	0	
mORF_+_563751	563751	563768	+	3	18	TTG	TGA	0	0	
mORF_+_563765	563765	563833	+	2	69	ATG	TAA	0	0	
mORF_+_563802	563802	563825	+	3	24	GTG	TAG	0	0	
mORF_+_563861	563861	563890	+	2	30	TTG	TGA	0	0	
mORF_+_563933	563933	563968	+	2	36	TTG	TAG	0	0	
mORF_+_563961	563961	563984	+	3	24	TTG	TAA	0	0	
mORF_+_563988	563988	564137	+	3	150	GTG	TGA	0	0	
mORF_+_564071	564071	564208	+	2	138	GTG	TGA	0	0	
mORF_+_564082	564082	564141	+	1	60	TTG	TAG	0	0	
mORF_+_564174	564174	564200	+	3	27	ATG	TGA	0	0	
mORF_+_564211	564211	564255	+	1	45	ATG	TGA	0	0	
mORF_+_564246	564246	564404	+	3	159	GTG	TGA	0	0	
mORF_+_564248	564248	564301	+	2	54	GTG	TGA	0	0	
mORF_+_564307	564307	564339	+	1	33	ATG	TGA	0	0	
mORF_+_564349	564349	564372	+	1	24	TTG	TAG	0	0	
mORF_+_564383	564383	564475	+	2	93	ATG	TGA	0	0	
mORF_+_564408	564408	564419	+	3	12	TTG	TGA	0	0	
mORF_+_564462	564462	564773	+	3	312	ATG	TGA	0	0	
mORF_+_564472	564472	564546	+	1	75	TTG	TGA	0	0	
mORF_+_564524	564524	564778	+	2	255	TTG	TGA	0	0	
mORF_+_564568	564568	564585	+	1	18	TTG	TGA	0	0	
mORF_+_564598	564598	564621	+	1	24	GTG	TAA	0	0	
mORF_+_564628	564628	564654	+	1	27	TTG	TGA	0	0	
mORF_+_564760	564760	564822	+	1	63	TTG	TGA	0	0	
mORF_+_564822	564822	564833	+	3	12	ATG	TGA	0	0	
mORF_+_564869	564869	564970	+	2	102	ATG	TGA	0	0	
mORF_+_564898	564898	564918	+	1	21	TTG	TAA	0	0	
mORF_+_565029	565029	565100	+	3	72	GTG	TGA	0	0	
mORF_+_565088	565088	565198	+	2	111	GTG	TGA	0	0	
mORF_+_565110	565110	565292	+	3	183	TTG	TGA	0	0	
mORF_+_565117	565117	565137	+	1	21	TTG	TAA	0	0	
mORF_+_565195	565195	565755	+	1	561	GTG	TGA	0	0	
mORF_+_565217	565217	565261	+	2	45	ATG	TGA	0	0	
mORF_+_565271	565271	565447	+	2	177	ATG	TAA	0	0	
mORF_+_565362	565362	565385	+	3	24	GTG	TGA	0	0	
mORF_+_565466	565466	565480	+	2	15	ATG	TAG	0	0	
mORF_+_565481	565481	565543	+	2	63	TTG	TAA	0	0	
mORF_+_565554	565554	565586	+	3	33	TTG	TGA	0	0	
mORF_+_565583	565583	565720	+	2	138	ATG	TGA	0	0	
mORF_+_565674	565674	565910	+	3	237	TTG	TGA	0	0	
mORF_+_565780	565780	565806	+	1	27	GTG	TAA	0	0	
mORF_+_565843	565843	565893	+	1	51	GTG	TGA	0	0	
mORF_+_565903	565903	565950	+	1	48	GTG	TAA	0	0	
mORF_+_565907	565907	566002	+	2	96	ATG	TGA	0	0	
mORF_+_565959	565959	565982	+	3	24	GTG	TAA	0	0	
mORF_+_566018	566018	566041	+	2	24	GTG	TAA	0	0	
mORF_+_566034	566034	566090	+	3	57	GTG	TAA	0	0	
mORF_+_566056	566056	566364	+	1	309	GTG	TGA	10	35	pORF_+_566056
mORF_+_566126	566126	566137	+	2	12	GTG	TGA	0	0	
mORF_+_566141	566141	566359	+	2	219	TTG	TGA	0	0	
mORF_+_566361	566361	567227	+	3	867	ATG	TAG	5	10	pORF_+_566361
mORF_+_566368	566368	566478	+	1	111	ATG	TAA	0	0	
mORF_+_566414	566414	566575	+	2	162	GTG	TGA	0	0	

mORF_+_566515	566515	566568	+	1	54	TTG	TGA	0	0	
mORF_+_566572	566572	566607	+	1	36	ATG	TAA	0	0	
mORF_+_566737	566737	566865	+	1	129	GTG	TGA	0	0	
mORF_+_566753	566753	566788	+	2	36	GTG	TGA	0	0	
mORF_+_566822	566822	566914	+	2	93	GTG	TAA	0	0	
mORF_+_566884	566884	566988	+	1	105	ATG	TGA	0	0	
mORF_+_567004	567004	567015	+	1	12	GTG	TGA	0	0	
mORF_+_567026	567026	567040	+	2	15	TTG	TAA	0	0	
mORF_+_567040	567040	567072	+	1	33	ATG	TGA	0	0	
mORF_+_567080	567080	567136	+	2	57	ATG	TAA	0	0	
mORF_+_567088	567088	567117	+	1	30	ATG	TAA	0	0	
mORF_+_567146	567146	567151	+	2	6	ATG	TGA	0	0	
mORF_+_567148	567148	567252	+	1	105	GTG	TAG	0	0	
mORF_+_567161	567161	567208	+	2	48	GTG	TGA	0	0	
mORF_+_567245	567245	567283	+	2	39	GTG	TAA	0	0	
mORF_+_567285	567285	567470	+	3	186	ATG	TGA	0	0	
mORF_+_567310	567310	567378	+	1	69	TTG	TGA	0	0	
mORF_+_567362	567362	567397	+	2	36	ATG	TAA	0	0	
mORF_+_567401	567401	567445	+	2	45	GTG	TAA	0	0	
mORF_+_567412	567412	567423	+	1	12	GTG	TGA	0	0	
mORF_+_567467	567467	567487	+	2	21	ATG	TGA	0	0	
mORF_+_567484	567484	567870	+	1	387	TTG	TAA	0	0	
mORF_+_567533	567533	567541	+	2	9	ATG	TGA	0	0	
mORF_+_567557	567557	567598	+	2	42	TTG	TAA	0	0	
mORF_+_567627	567627	567752	+	3	126	ATG	TAG	0	0	
mORF_+_567638	567638	567679	+	2	42	TTG	TAG	0	0	
mORF_+_567710	567710	567748	+	2	39	TTG	TGA	0	0	
mORF_+_567762	567762	567842	+	3	81	ATG	TAA	0	0	
mORF_+_567821	567821	567835	+	2	15	GTG	TGA	0	0	
mORF_+_567877	567877	567894	+	1	18	TTG	TAA	0	0	
mORF_+_567898	567898	567921	+	1	24	ATG	TGA	0	0	
mORF_+_567918	567918	568067	+	3	150	ATG	TAA	1	3	pORF_+_567918
mORF_+_567932	567932	567994	+	2	63	ATG	TAA	0	0	
mORF_+_567970	567970	568038	+	1	69	TTG	TGA	0	0	
mORF_+_568045	568045	568056	+	1	12	TTG	TAA	0	0	
mORF_+_568117	568117	568128	+	1	12	GTG	TGA	0	0	
mORF_+_568125	568125	569651	+	3	1527	ATG	TAA	0	0	
mORF_+_568207	568207	568221	+	1	15	TTG	TAA	0	0	
mORF_+_568214	568214	568231	+	2	18	ATG	TAG	0	0	
mORF_+_568231	568231	568254	+	1	24	GTG	TAA	0	0	
mORF_+_568258	568258	568269	+	1	12	ATG	TAG	0	0	
mORF_+_568276	568276	568326	+	1	51	GTG	TAG	0	0	
mORF_+_568327	568327	568335	+	1	9	ATG	TAG	0	0	
mORF_+_568339	568339	568371	+	1	33	ATG	TAG	0	0	
mORF_+_568372	568372	568428	+	1	57	TTG	TGA	0	0	
mORF_+_568450	568450	568461	+	1	12	TTG	TAA	0	0	
mORF_+_568466	568466	568486	+	2	21	TTG	TAA	0	0	
mORF_+_568489	568489	568500	+	1	12	TTG	TGA	0	0	
mORF_+_568501	568501	568518	+	1	18	ATG	TAA	0	0	
mORF_+_568549	568549	568566	+	1	18	ATG	TAA	0	0	
mORF_+_568589	568589	568669	+	2	81	ATG	TGA	0	0	
mORF_+_568609	568609	568635	+	1	27	ATG	TGA	0	0	
mORF_+_568666	568666	568707	+	1	42	ATG	TGA	0	0	
mORF_+_568714	568714	568722	+	1	9	TTG	TAA	0	0	
mORF_+_568756	568756	568764	+	1	9	ATG	TAG	0	0	
mORF_+_568777	568777	568791	+	1	15	ATG	TAA	0	0	
mORF_+_568813	568813	568833	+	1	21	GTG	TAA	0	0	
mORF_+_568817	568817	568837	+	2	21	ATG	TGA	0	0	
mORF_+_568834	568834	568848	+	1	15	TTG	TAG	0	0	
mORF_+_568871	568871	568912	+	2	42	TTG	TGA	0	0	
mORF_+_568888	568888	568908	+	1	21	GTG	TAA	0	0	
mORF_+_568909	568909	569022	+	1	114	GTG	TAA	0	0	
mORF_+_569048	569048	569053	+	2	6	GTG	TGA	0	0	

mORF_+_569050	569050	569073	+	1	24	GTG	TGA	0	0
mORF_+_569057	569057	569065	+	2	9	TTG	TAA	0	0
mORF_+_569074	569074	569124	+	1	51	TTG	TGA	0	0
mORF_+_569114	569114	569143	+	2	30	TTG	TGA	0	0
mORF_+_569140	569140	569157	+	1	18	GTG	TAA	0	0
mORF_+_569170	569170	569256	+	1	87	TTG	TAG	0	0
mORF_+_569204	569204	569209	+	2	6	TTG	TAG	0	0
mORF_+_569269	569269	569283	+	1	15	TTG	TGA	0	0
mORF_+_569302	569302	569337	+	1	36	TTG	TAG	0	0
mORF_+_569410	569410	569415	+	1	6	GTG	TAA	0	0
mORF_+_569425	569425	569448	+	1	24	GTG	TAA	0	0
mORF_+_569458	569458	569511	+	1	54	ATG	TAA	0	0
mORF_+_569471	569471	569491	+	2	21	ATG	TAA	0	0
mORF_+_569533	569533	569550	+	1	18	GTG	TGA	0	0
mORF_+_569551	569551	569580	+	1	30	ATG	TAA	0	0
mORF_+_569611	569611	569655	+	1	45	GTG	TAA	0	0
mORF_+_569655	569655	569717	+	3	63	ATG	TGA	0	0
mORF_+_569675	569675	569686	+	2	12	ATG	TGA	0	0
mORF_+_569680	569680	569727	+	1	48	ATG	TAA	0	0
mORF_+_569714	569714	569734	+	2	21	TTG	TAA	0	0
mORF_+_569727	569727	569873	+	3	147	ATG	TGA	0	0
mORF_+_569740	569740	569784	+	1	45	TTG	TAG	0	0
mORF_+_569744	569744	569791	+	2	48	TTG	TGA	0	0
mORF_+_569788	569788	569817	+	1	30	ATG	TAG	0	0
mORF_+_569818	569818	569850	+	1	33	GTG	TGA	0	0
mORF_+_569828	569828	569860	+	2	33	TTG	TGA	0	0
mORF_+_569857	569857	569901	+	1	45	GTG	TGA	0	0
mORF_+_569870	569870	569908	+	2	39	ATG	TAG	0	0
mORF_+_569886	569886	569945	+	3	60	ATG	TAA	0	0
mORF_+_569902	569902	569913	+	1	12	ATG	TAA	0	0
mORF_+_569936	569936	569965	+	2	30	GTG	TAG	0	0
mORF_+_569975	569975	570040	+	2	66	ATG	TGA	0	0
mORF_+_569977	569977	570003	+	1	27	GTG	TAA	0	0
mORF_+_569982	569982	570026	+	3	45	TTG	TGA	0	0
mORF_+_570004	570004	570069	+	1	66	TTG	TAA	0	0
mORF_+_570027	570027	570089	+	3	63	TTG	TAA	0	0
mORF_+_570044	570044	570061	+	2	18	TTG	TAA	0	0
mORF_+_570116	570116	570667	+	2	552	ATG	TAG	0	0
mORF_+_570195	570195	570203	+	3	9	ATG	TAA	0	0
mORF_+_570231	570231	570281	+	3	51	ATG	TAA	0	0
mORF_+_570250	570250	570255	+	1	6	GTG	TGA	0	0
mORF_+_570291	570291	570323	+	3	33	GTG	TAA	0	0
mORF_+_570330	570330	570398	+	3	69	ATG	TAA	0	0
mORF_+_570358	570358	570381	+	1	24	TTG	TAA	0	0
mORF_+_570411	570411	570554	+	3	144	TTG	TAA	0	0
mORF_+_570499	570499	570510	+	1	12	ATG	TAA	0	0
mORF_+_570544	570544	570561	+	1	18	ATG	TGA	0	0
mORF_+_570600	570600	570644	+	3	45	TTG	TAA	0	0
mORF_+_570654	570654	570662	+	3	9	ATG	TAA	0	0
mORF_+_570669	570669	570704	+	3	36	GTG	TAA	0	0
mORF_+_570677	570677	571474	+	2	798	ATG	TAA	0	0
mORF_+_570735	570735	570824	+	3	90	ATG	TAA	0	0
mORF_+_570772	570772	570831	+	1	60	GTG	TGA	0	0
mORF_+_570828	570828	570845	+	3	18	TTG	TAA	0	0
mORF_+_570856	570856	570867	+	1	12	TTG	TGA	0	0
mORF_+_570858	570858	570938	+	3	81	GTG	TAA	0	0
mORF_+_570939	570939	570968	+	3	30	TTG	TAA	0	0
mORF_+_571027	571027	571074	+	1	48	TTG	TAA	0	0
mORF_+_571125	571125	571166	+	3	42	ATG	TGA	0	0
mORF_+_571174	571174	571182	+	1	9	TTG	TAA	0	0
mORF_+_571210	571210	571326	+	1	117	ATG	TAA	0	0
mORF_+_571227	571227	571274	+	3	48	TTG	TAG	0	0
mORF_+_571311	571311	571316	+	3	6	ATG	TGA	0	0

mORF_+_571326	571326	571355	+	3	30	ATG	TAA	0	0
mORF_+_571371	571371	571439	+	3	69	TTG	TAA	0	0
mORF_+_571393	571393	571413	+	1	21	GTG	TGA	0	0
mORF_+_571477	571477	571485	+	1	9	GTG	TAA	0	0
mORF_+_571507	571507	571566	+	1	60	TTG	TGA	0	0
mORF_+_571563	571563	571670	+	3	108	GTG	TGA	0	0
mORF_+_571591	571591	571692	+	1	102	ATG	TGA	0	0
mORF_+_571667	571667	571798	+	2	132	TTG	TAA	0	0
mORF_+_571689	571689	572144	+	3	456	GTG	TAA	0	0
mORF_+_571802	571802	571810	+	2	9	GTG	TGA	0	0
mORF_+_571807	571807	571914	+	1	108	GTG	TAA	0	0
mORF_+_571847	571847	571867	+	2	21	GTG	TGA	0	0
mORF_+_571907	571907	571948	+	2	42	TTG	TGA	0	0
mORF_+_571918	571918	571974	+	1	57	ATG	TAA	0	0
mORF_+_571978	571978	572073	+	1	96	GTG	TGA	0	0
mORF_+_572048	572048	572053	+	2	6	GTG	TAA	0	0
mORF_+_572077	572077	572091	+	1	15	TTG	TGA	0	0
mORF_+_572081	572081	572314	+	2	234	TTG	TGA	0	0
mORF_+_572163	572163	572171	+	3	9	GTG	TGA	0	0
mORF_+_572268	572268	572597	+	3	330	TTG	TGA	0	0
mORF_+_572278	572278	572319	+	1	42	ATG	TGA	0	0
mORF_+_572332	572332	572352	+	1	21	GTG	TAA	0	0
mORF_+_572342	572342	572371	+	2	30	ATG	TAA	0	0
mORF_+_572371	572371	572412	+	1	42	ATG	TGA	0	0
mORF_+_572420	572420	572512	+	2	93	GTG	TGA	0	0
mORF_+_572452	572452	572574	+	1	123	TTG	TGA	0	0
mORF_+_572531	572531	572590	+	2	60	ATG	TAA	0	0
mORF_+_572594	572594	572956	+	2	363	GTG	TGA	0	0
mORF_+_572769	572769	572894	+	3	126	TTG	TGA	0	0
mORF_+_572773	572773	572802	+	1	30	GTG	TGA	0	0
mORF_+_572913	572913	572930	+	3	18	GTG	TGA	0	0
mORF_+_572949	572949	572963	+	3	15	ATG	TGA	0	0
mORF_+_572953	572953	573093	+	1	141	ATG	TGA	0	0
mORF_+_572960	572960	573037	+	2	78	TTG	TGA	0	0
mORF_+_573090	573090	573116	+	3	27	ATG	TAA	0	0
mORF_+_573124	573124	573174	+	1	51	TTG	TAA	0	0
mORF_+_573134	573134	573160	+	2	27	TTG	TGA	0	0
mORF_+_573138	573138	573143	+	3	6	TTG	TAA	0	0
mORF_+_573144	573144	573179	+	3	36	TTG	TGA	0	0
mORF_+_573164	573164	573562	+	2	399	TTG	TAA	0	0
mORF_+_573183	573183	573245	+	3	63	GTG	TGA	0	0
mORF_+_573208	573208	573228	+	1	21	TTG	TAA	0	0
mORF_+_573258	573258	573281	+	3	24	TTG	TAA	0	0
mORF_+_573310	573310	573318	+	1	9	ATG	TGA	0	0
mORF_+_573315	573315	573332	+	3	18	GTG	TGA	0	0
mORF_+_573337	573337	573438	+	1	102	TTG	TAA	0	0
mORF_+_573402	573402	573407	+	3	6	ATG	TAG	0	0
mORF_+_573442	573442	573453	+	1	12	TTG	TGA	0	0
mORF_+_573453	573453	573494	+	3	42	ATG	TAA	0	0
mORF_+_573495	573495	573509	+	3	15	TTG	TAA	0	0
mORF_+_573543	573543	573581	+	3	39	TTG	TAA	0	0
mORF_+_573571	573571	573591	+	1	21	TTG	TAA	0	0
mORF_+_573594	573594	573605	+	3	12	ATG	TGA	0	0
mORF_+_573602	573602	573622	+	2	21	TTG	TAA	0	0
mORF_+_573665	573665	573676	+	2	12	TTG	TAA	0	0
mORF_+_573667	573667	573690	+	1	24	GTG	TGA	0	0
mORF_+_573687	573687	573746	+	3	60	TTG	TAA	0	0
mORF_+_573704	573704	573922	+	2	219	ATG	TAG	0	0
mORF_+_573783	573783	573851	+	3	69	ATG	TGA	0	0
mORF_+_573805	573805	573813	+	1	9	GTG	TAG	0	0
mORF_+_573876	573876	573899	+	3	24	TTG	TAA	0	0
mORF_+_573900	573900	573908	+	3	9	ATG	TGA	0	0
mORF_+_573963	573963	574025	+	3	63	GTG	TAA	0	0

mORF_+_574009	574009	574275	+	1	267	TTG	TAG	0	0
mORF_+_574035	574035	574289	+	3	255	TTG	TGA	0	0
mORF_+_574106	574106	574156	+	2	51	ATG	TGA	0	0
mORF_+_574175	574175	574333	+	2	159	GTG	TGA	0	0
mORF_+_574296	574296	574664	+	3	369	TTG	TAA	0	0
mORF_+_574330	574330	574428	+	1	99	TTG	TGA	0	0
mORF_+_574429	574429	574446	+	1	18	TTG	TGA	0	0
mORF_+_574474	574474	574530	+	1	57	TTG	TGA	0	0
mORF_+_574493	574493	574504	+	2	12	GTG	TGA	0	0
mORF_+_574537	574537	574596	+	1	60	ATG	TGA	0	0
mORF_+_574624	574624	574752	+	1	129	ATG	TGA	0	0
mORF_+_574737	574737	574760	+	3	24	ATG	TAG	0	0
mORF_+_574753	574753	574779	+	1	27	ATG	TAA	0	0
mORF_+_574801	574801	574809	+	1	9	TTG	TAA	0	0
mORF_+_574819	574819	574890	+	1	72	ATG	TGA	0	0
mORF_+_574836	574836	575012	+	3	177	TTG	TAG	0	0
mORF_+_574841	574841	574906	+	2	66	ATG	TGA	0	0
mORF_+_574939	574939	575112	+	1	174	ATG	TAA	0	0
mORF_+_574994	574994	575047	+	2	54	TTG	TAA	0	0
mORF_+_575069	575069	575080	+	2	12	TTG	TAA	0	0
mORF_+_575085	575085	575108	+	3	24	TTG	TGA	0	0
mORF_+_575105	575105	575119	+	2	15	TTG	TGA	0	0
mORF_+_575152	575152	576003	+	1	852	TTG	TAG	0	0
mORF_+_575199	575199	575231	+	3	33	GTG	TAG	0	0
mORF_+_575282	575282	575293	+	2	12	GTG	TAA	0	0
mORF_+_575294	575294	575389	+	2	96	ATG	TGA	0	0
mORF_+_575390	575390	575416	+	2	27	GTG	TAA	0	0
mORF_+_575418	575418	575453	+	3	36	TTG	TAG	0	0
mORF_+_575486	575486	575491	+	2	6	GTG	TAG	0	0
mORF_+_575516	575516	575530	+	2	15	TTG	TGA	0	0
mORF_+_575570	575570	575581	+	2	12	TTG	TAG	0	0
mORF_+_575583	575583	575612	+	3	30	TTG	TGA	0	0
mORF_+_575609	575609	575626	+	2	18	ATG	TGA	0	0
mORF_+_575633	575633	575695	+	2	63	GTG	TAG	0	0
mORF_+_575682	575682	575801	+	3	120	ATG	TGA	0	0
mORF_+_575711	575711	575722	+	2	12	ATG	TAG	0	0
mORF_+_575765	575765	575779	+	2	15	TTG	TGA	0	0
mORF_+_575792	575792	575818	+	2	27	TTG	TGA	0	0
mORF_+_575840	575840	575878	+	2	39	TTG	TAA	0	0
mORF_+_575951	575951	575971	+	2	21	TTG	TAA	0	0
mORF_+_576009	576009	576053	+	3	45	ATG	TGA	0	0
mORF_+_576050	576050	576100	+	2	51	GTG	TAA	0	0
mORF_+_576063	576063	576077	+	3	15	TTG	TAA	0	0
mORF_+_576081	576081	576137	+	3	57	ATG	TAA	0	0
mORF_+_576116	576116	576121	+	2	6	ATG	TGA	0	0
mORF_+_576118	576118	576156	+	1	39	GTG	TGA	0	0
mORF_+_576141	576141	576290	+	3	150	TTG	TGA	0	0
mORF_+_576158	576158	576163	+	2	6	TTG	TGA	0	0
mORF_+_576160	576160	576168	+	1	9	GTG	TAG	0	0
mORF_+_576211	576211	576225	+	1	15	ATG	TGA	0	0
mORF_+_576218	576218	576229	+	2	12	TTG	TAA	0	0
mORF_+_576275	576275	576349	+	2	75	GTG	TGA	0	0
mORF_+_576343	576343	576414	+	1	72	TTG	TAG	0	0
mORF_+_576353	576353	576370	+	2	18	TTG	TAG	0	0
mORF_+_576414	576414	576527	+	3	114	GTG	TGA	0	0
mORF_+_576602	576602	576637	+	2	36	TTG	TAA	0	0
mORF_+_576613	576613	576624	+	1	12	GTG	TGA	0	0
mORF_+_576621	576621	576836	+	3	216	ATG	TAA	0	0
mORF_+_576649	576649	576705	+	1	57	GTG	TAG	0	0
mORF_+_576725	576725	576751	+	2	27	GTG	TAG	0	0
mORF_+_576739	576739	576771	+	1	33	GTG	TGA	0	0
mORF_+_576829	576829	576927	+	1	99	GTG	TAA	0	0
mORF_+_576836	576836	577333	+	2	498	ATG	TGA	0	0

mORF_+_576861	576861	576896	+	3	36	TTG	TAG	0	0
mORF_+_576921	576921	577061	+	3	141	GTG	TGA	0	0
mORF_+_576979	576979	577026	+	1	48	ATG	TAA	0	0
mORF_+_577045	577045	577065	+	1	21	ATG	TAA	0	0
mORF_+_577071	577071	577205	+	3	135	TTG	TAA	0	0
mORF_+_577228	577228	577233	+	1	6	ATG	TGA	0	0
mORF_+_577230	577230	577283	+	3	54	GTG	TGA	0	0
mORF_+_577270	577270	577296	+	1	27	ATG	TGA	0	0
mORF_+_577293	577293	577412	+	3	120	GTG	TGA	0	0
mORF_+_577318	577318	577791	+	1	474	GTG	TAG	0	0
mORF_+_577409	577409	577462	+	2	54	GTG	TGA	0	0
mORF_+_577505	577505	577546	+	2	42	GTG	TAG	0	0
mORF_+_577550	577550	577732	+	2	183	ATG	TGA	0	0
mORF_+_577775	577775	577831	+	2	57	ATG	TGA	0	0
mORF_+_577782	577782	577862	+	3	81	GTG	TAA	0	0
mORF_+_577828	577828	577875	+	1	48	TTG	TAA	0	0
mORF_+_577863	577863	578000	+	3	138	ATG	TGA	0	0
mORF_+_577900	577900	577923	+	1	24	ATG	TAA	0	0
mORF_+_577904	577904	578104	+	2	201	TTG	TAG	0	0
mORF_+_578004	578004	578045	+	3	42	GTG	TGA	0	0
mORF_+_578017	578017	578052	+	1	36	TTG	TAA	0	0
mORF_+_578053	578053	578076	+	1	24	ATG	TAA	0	0
mORF_+_578115	578115	578171	+	3	57	ATG	TAA	0	0
mORF_+_578137	578137	578163	+	1	27	TTG	TAG	0	0
mORF_+_578156	578156	578182	+	2	27	ATG	TAA	0	0
mORF_+_578186	578186	578194	+	2	9	ATG	TGA	0	0
mORF_+_578191	578191	578220	+	1	30	TTG	TAA	0	0
mORF_+_578204	578204	578239	+	2	36	TTG	TGA	0	0
mORF_+_578220	578220	578315	+	3	96	ATG	TAA	0	0
mORF_+_578224	578224	578319	+	1	96	ATG	TAA	0	0
mORF_+_578325	578325	578381	+	3	57	ATG	TGA	0	0
mORF_+_578354	578354	578410	+	2	57	TTG	TAG	0	0
mORF_+_578412	578412	578429	+	3	18	GTG	TAG	0	0
mORF_+_578422	578422	578454	+	1	33	TTG	TAG	0	0
mORF_+_578429	578429	578437	+	2	9	GTG	TGA	0	0
mORF_+_578438	578438	578476	+	2	39	ATG	TAG	0	0
mORF_+_578457	578457	578507	+	3	51	ATG	TAA	0	0
mORF_+_578488	578488	578571	+	1	84	ATG	TGA	0	0
mORF_+_578556	578556	578561	+	3	6	ATG	TGA	0	0
mORF_+_578558	578558	578587	+	2	30	GTG	TAG	0	0
mORF_+_578568	578568	578600	+	3	33	TTG	TAA	0	0
mORF_+_578602	578602	578616	+	1	15	ATG	TGA	0	0
mORF_+_578613	578613	578624	+	3	12	TTG	TAA	0	0
mORF_+_578660	578660	578686	+	2	27	GTG	TGA	0	0
mORF_+_578683	578683	578703	+	1	21	GTG	TAG	0	0
mORF_+_578696	578696	578707	+	2	12	GTG	TAG	0	0
mORF_+_578716	578716	578721	+	1	6	ATG	TGA	0	0
mORF_+_578718	578718	578798	+	3	81	GTG	TAA	0	0
mORF_+_578726	578726	578731	+	2	6	TTG	TGA	0	0
mORF_+_578728	578728	578739	+	1	12	GTG	TAG	0	0
mORF_+_578779	578779	578823	+	1	45	TTG	TAA	0	0
mORF_+_578801	578801	578812	+	2	12	ATG	TGA	0	0
mORF_+_578817	578817	578837	+	3	21	TTG	TGA	0	0
mORF_+_578834	578834	578908	+	2	75	GTG	TGA	0	0
mORF_+_578854	578854	578889	+	1	36	TTG	TGA	0	0
mORF_+_578895	578895	579017	+	3	123	TTG	TAA	0	0
mORF_+_578902	578902	578928	+	1	27	TTG	TAG	0	0
mORF_+_578915	578915	578944	+	2	30	ATG	TAA	0	0
mORF_+_578950	578950	578961	+	1	12	TTG	TAA	0	0
mORF_+_578954	578954	579067	+	2	114	TTG	TAA	0	0
mORF_+_579025	579025	579054	+	1	30	GTG	TGA	0	0
mORF_+_579051	579051	579059	+	3	9	TTG	TAA	0	0
mORF_+_579075	579075	579110	+	3	36	ATG	TAA	0	0

mORF_+_579103	579103	579309	+	1	207	ATG	TGA	0	0
mORF_+_579125	579125	579145	+	2	21	ATG	TGA	0	0
mORF_+_579149	579149	579154	+	2	6	GTG	TAA	0	0
mORF_+_579194	579194	579202	+	2	9	ATG	TAA	0	0
mORF_+_579203	579203	579214	+	2	12	TTG	TAG	0	0
mORF_+_579207	579207	579221	+	3	15	ATG	TAA	0	0
mORF_+_579248	579248	579265	+	2	18	TTG	TGA	0	0
mORF_+_579302	579302	579325	+	2	24	TTG	TAA	0	0
mORF_+_579346	579346	579390	+	1	45	GTG	TAA	0	0
mORF_+_579384	579384	579431	+	3	48	GTG	TGA	0	0
mORF_+_579412	579412	579423	+	1	12	ATG	TAA	0	0
mORF_+_579428	579428	579493	+	2	66	GTG	TAA	0	0
mORF_+_579494	579494	579547	+	2	54	TTG	TGA	0	0
mORF_+_579544	579544	579696	+	1	153	ATG	TGA	0	0
mORF_+_579576	579576	579665	+	3	90	TTG	TGA	0	0
mORF_+_579635	579635	579661	+	2	27	TTG	TAG	0	0
mORF_+_579662	579662	579670	+	2	9	TTG	TGA	0	0
mORF_+_579687	579687	579710	+	3	24	GTG	TGA	0	0
mORF_+_579698	579698	579727	+	2	30	TTG	TAA	0	0
mORF_+_579703	579703	579732	+	1	30	TTG	TGA	0	0
mORF_+_579729	579729	579746	+	3	18	TTG	TAA	0	0
mORF_+_579766	579766	579777	+	1	12	TTG	TGA	0	0
mORF_+_579774	579774	579815	+	3	42	TTG	TAG	0	0
mORF_+_579779	579779	579787	+	2	9	GTG	TGA	0	0
mORF_+_579784	579784	579795	+	1	12	TTG	TAG	0	0
mORF_+_579796	579796	579819	+	1	24	ATG	TGA	0	0
mORF_+_579803	579803	579808	+	2	6	TTG	TGA	0	0
mORF_+_579816	579816	579917	+	3	102	ATG	TAA	0	0
mORF_+_579836	579836	579901	+	2	66	GTG	TGA	0	0
mORF_+_579898	579898	579948	+	1	51	ATG	TAA	0	0
mORF_+_579948	579948	579998	+	3	51	ATG	TGA	0	0
mORF_+_579992	579992	580198	+	2	207	GTG	TAA	0	0
mORF_+_580039	580039	580602	+	1	564	TTG	TAA	0	0
mORF_+_580050	580050	580085	+	3	36	ATG	TGA	0	0
mORF_+_580200	580200	580223	+	3	24	ATG	TGA	0	0
mORF_+_580205	580205	580354	+	2	150	ATG	TGA	0	0
mORF_+_580358	580358	580510	+	2	153	ATG	TGA	0	0
mORF_+_580553	580553	580561	+	2	9	ATG	TGA	0	0
mORF_+_580577	580577	581320	+	2	744	GTG	TAA	0	0
mORF_+_580617	580617	580760	+	3	144	TTG	TGA	0	0
mORF_+_580672	580672	580686	+	1	15	ATG	TAA	0	0
mORF_+_580761	580761	580793	+	3	33	ATG	TGA	0	0
mORF_+_580794	580794	580802	+	3	9	ATG	TGA	0	0
mORF_+_580812	580812	580859	+	3	48	GTG	TAG	0	0
mORF_+_580914	580914	580973	+	3	60	GTG	TAG	0	0
mORF_+_580927	580927	580941	+	1	15	GTG	TGA	0	0
mORF_+_581022	581022	581081	+	3	60	ATG	TGA	0	0
mORF_+_581059	581059	581160	+	1	102	GTG	TGA	0	0
mORF_+_581085	581085	581144	+	3	60	ATG	TGA	0	0
mORF_+_581157	581157	581189	+	3	33	GTG	TAG	0	0
mORF_+_581262	581262	581417	+	3	156	GTG	TGA	0	0
mORF_+_581293	581293	581430	+	1	138	GTG	TAA	0	0
mORF_+_581324	581324	581350	+	2	27	TTG	TAA	0	0
mORF_+_581372	581372	581389	+	2	18	ATG	TGA	0	0
mORF_+_581414	581414	581449	+	2	36	TTG	TGA	0	0
mORF_+_581421	581421	581507	+	3	87	TTG	TGA	0	0
mORF_+_581456	581456	581464	+	2	9	ATG	TAA	0	0
mORF_+_581458	581458	581637	+	1	180	GTG	TAG	0	0
mORF_+_581508	581508	581513	+	3	6	TTG	TAA	0	0
mORF_+_581514	581514	581531	+	3	18	ATG	TGA	0	0
mORF_+_581528	581528	581581	+	2	54	TTG	TAG	0	0
mORF_+_581541	581541	581660	+	3	120	TTG	TGA	0	0
mORF_+_581657	581657	581701	+	2	45	GTG	TAA	0	0

mORF_+_581673	581673	581693	+	3	21	ATG	TGA	0	0
mORF_+_581729	581729	581755	+	2	27	ATG	TGA	0	0
mORF_+_581752	581752	581772	+	1	21	TTG	TAG	0	0
mORF_+_581773	581773	581790	+	1	18	ATG	TAG	0	0
mORF_+_581834	581834	581887	+	2	54	GTG	TAA	0	0
mORF_+_581877	581877	581975	+	3	99	TTG	TAA	0	0
mORF_+_581888	581888	581950	+	2	63	ATG	TGA	0	0
mORF_+_581902	581902	581925	+	1	24	GTG	TAG	0	0
mORF_+_581935	581935	581988	+	1	54	ATG	TAA	0	0
mORF_+_581989	581989	582006	+	1	18	GTG	TAG	0	0
mORF_+_581994	581994	581999	+	3	6	GTG	TAA	0	0
mORF_+_582018	582018	582032	+	3	15	GTG	TAA	0	0
mORF_+_582040	582040	582048	+	1	9	ATG	TAG	0	0
mORF_+_582055	582055	582060	+	1	6	TTG	TGA	0	0
mORF_+_582057	582057	582065	+	3	9	GTG	TAA	0	0
mORF_+_582073	582073	582114	+	1	42	ATG	TAG	0	0
mORF_+_582098	582098	582283	+	2	186	ATG	TGA	0	0
mORF_+_582120	582120	582128	+	3	9	TTG	TAG	0	0
mORF_+_582135	582135	582236	+	3	102	ATG	TAG	0	0
mORF_+_582296	582296	582358	+	2	63	GTG	TAA	0	0
mORF_+_582309	582309	582326	+	3	18	GTG	TAG	0	0
mORF_+_582340	582340	582387	+	1	48	GTG	TAA	0	0
mORF_+_582388	582388	582393	+	1	6	TTG	TGA	0	0
mORF_+_582390	582390	582491	+	3	102	GTG	TAA	0	0
mORF_+_582403	582403	582423	+	1	21	GTG	TGA	0	0
mORF_+_582416	582416	582505	+	2	90	TTG	TAA	0	0
mORF_+_582457	582457	582474	+	1	18	ATG	TGA	0	0
mORF_+_582515	582515	582532	+	2	18	ATG	TAA	0	0
mORF_+_582526	582526	582546	+	1	21	TTG	TAA	0	0
mORF_+_582533	582533	582580	+	2	48	TTG	TGA	0	0
mORF_+_582537	582537	582569	+	3	33	ATG	TGA	0	0
mORF_+_582570	582570	582575	+	3	6	ATG	TGA	0	0
mORF_+_582577	582577	582633	+	1	57	TTG	TGA	0	0
mORF_+_582587	582587	582619	+	2	33	ATG	TAA	0	0
mORF_+_582630	582630	582644	+	3	15	TTG	TAG	0	0
mORF_+_582658	582658	582729	+	1	72	GTG	TAG	0	0
mORF_+_582663	582663	582668	+	3	6	TTG	TAG	0	0
mORF_+_582668	582668	582682	+	2	15	GTG	TAA	0	0
mORF_+_582701	582701	582724	+	2	24	TTG	TAA	0	0
mORF_+_582708	582708	582713	+	3	6	ATG	TAA	0	0
mORF_+_582767	582767	582796	+	2	30	ATG	TAA	0	0
mORF_+_582784	582784	582816	+	1	33	TTG	TAA	0	0
mORF_+_582801	582801	582893	+	3	93	GTG	TGA	0	0
mORF_+_582817	582817	582885	+	1	69	ATG	TAA	0	0
mORF_+_582839	582839	582850	+	2	12	TTG	TAA	0	0
mORF_+_582851	582851	582865	+	2	15	TTG	TGA	0	0
mORF_+_582890	582890	582925	+	2	36	ATG	TAG	0	0
mORF_+_582897	582897	582947	+	3	51	GTG	TGA	0	0
mORF_+_582904	582904	583653	+	1	750	ATG	TGA	0	0
mORF_+_582944	582944	582952	+	2	9	TTG	TAA	0	0
mORF_+_582998	582998	583003	+	2	6	TTG	TAA	0	0
mORF_+_583032	583032	583043	+	3	12	ATG	TAA	0	0
mORF_+_583052	583052	583063	+	2	12	TTG	TAG	0	0
mORF_+_583074	583074	583103	+	3	30	ATG	TAA	0	0
mORF_+_583103	583103	583204	+	2	102	ATG	TAG	0	0
mORF_+_583221	583221	583322	+	3	102	TTG	TAA	0	0
mORF_+_583253	583253	583282	+	2	30	TTG	TAA	0	0
mORF_+_583349	583349	583369	+	2	21	TTG	TAA	0	0
mORF_+_583359	583359	583400	+	3	42	ATG	TGA	0	0
mORF_+_583376	583376	583387	+	2	12	TTG	TGA	0	0
mORF_+_583397	583397	583408	+	2	12	GTG	TAA	0	0
mORF_+_583427	583427	583456	+	2	30	ATG	TGA	0	0
mORF_+_583475	583475	583492	+	2	18	ATG	TAA	0	0

mORF_+_583514	583514	583522	+	2	9	ATG	TAG	0	0
mORF_+_583530	583530	583541	+	3	12	ATG	TAA	0	0
mORF_+_583532	583532	583615	+	2	84	GTG	TAA	0	0
mORF_+_583560	583560	583571	+	3	12	ATG	TAA	0	0
mORF_+_583628	583628	583636	+	2	9	ATG	TAA	0	0
mORF_+_583646	583646	583684	+	2	39	TTG	TAA	0	0
mORF_+_583656	583656	583712	+	3	57	ATG	TGA	0	0
mORF_+_583678	583678	583734	+	1	57	ATG	TAA	0	0
mORF_+_583709	583709	583717	+	2	9	TTG	TGA	0	0
mORF_+_583736	583736	583741	+	2	6	TTG	TAA	0	0
mORF_+_583742	583742	583780	+	2	39	TTG	TGA	0	0
mORF_+_583747	583747	583776	+	1	30	TTG	TAA	0	0
mORF_+_583777	583777	583800	+	1	24	TTG	TAG	0	0
mORF_+_583790	583790	583795	+	2	6	ATG	TGA	0	0
mORF_+_583834	583834	583845	+	1	12	TTG	TGA	0	0
mORF_+_583842	583842	583919	+	3	78	TTG	TAA	0	0
mORF_+_583847	583847	583906	+	2	60	ATG	TAA	0	0
mORF_+_583894	583894	583980	+	1	87	TTG	TGA	0	0
mORF_+_583910	583910	583945	+	2	36	GTG	TAG	0	0
mORF_+_583967	583967	583975	+	2	9	TTG	TAG	0	0
mORF_+_583982	583982	583996	+	2	15	GTG	TGA	0	0
mORF_+_583993	583993	584007	+	1	15	GTG	TGA	0	0
mORF_+_584004	584004	584030	+	3	27	GTG	TAA	0	0
mORF_+_584040	584040	584069	+	3	30	ATG	TAG	0	0
mORF_+_584070	584070	584075	+	3	6	GTG	TGA	0	0
mORF_+_584072	584072	584080	+	2	9	GTG	TAA	0	0
mORF_+_584090	584090	584107	+	2	18	TTG	TAG	0	0
mORF_+_584113	584113	584181	+	1	69	TTG	TGA	0	0
mORF_+_584120	584120	584137	+	2	18	TTG	TAA	0	0
mORF_+_584138	584138	584161	+	2	24	GTG	TAG	0	0
mORF_+_584178	584178	584204	+	3	27	ATG	TAA	0	0
mORF_+_584205	584205	584270	+	3	66	ATG	TAA	0	0
mORF_+_584207	584207	584233	+	2	27	GTG	TAA	0	0
mORF_+_584255	584255	584260	+	2	6	ATG	TAG	0	0
mORF_+_584275	584275	584706	+	1	432	TTG	TAG	0	0
mORF_+_584279	584279	584284	+	2	6	TTG	TAG	0	0
mORF_+_584289	584289	584330	+	3	42	TTG	TGA	0	0
mORF_+_584405	584405	584422	+	2	18	ATG	TAA	0	0
mORF_+_584423	584423	584476	+	2	54	TTG	TAA	0	0
mORF_+_584477	584477	584548	+	2	72	TTG	TGA	0	0
mORF_+_584484	584484	584603	+	3	120	GTG	TAG	0	0
mORF_+_584558	584558	584677	+	2	120	TTG	TGA	0	0
mORF_+_584631	584631	584642	+	3	12	TTG	TAA	0	0
mORF_+_584646	584646	584660	+	3	15	TTG	TGA	0	0
mORF_+_584721	584721	584750	+	3	30	TTG	TAA	0	0
mORF_+_584750	584750	585109	+	2	360	ATG	TAG	0	0
mORF_+_584823	584823	584858	+	3	36	TTG	TAA	0	0
mORF_+_584886	584886	584915	+	3	30	TTG	TAA	0	0
mORF_+_584931	584931	584957	+	3	27	TTG	TAG	0	0
mORF_+_584950	584950	584967	+	1	18	TTG	TGA	0	0
mORF_+_584964	584964	584999	+	3	36	ATG	TAA	0	0
mORF_+_585010	585010	585099	+	1	90	TTG	TAA	0	0
mORF_+_585033	585033	585074	+	3	42	GTG	TAA	0	0
mORF_+_585075	585075	585089	+	3	15	GTG	TAG	0	0
mORF_+_585111	585111	585143	+	3	33	ATG	TAG	0	0
mORF_+_585133	585133	585213	+	1	81	ATG	TGA	0	0
mORF_+_585186	585186	585218	+	3	33	ATG	TAG	0	0
mORF_+_585191	585191	585250	+	2	60	TTG	TAA	0	0
mORF_+_585225	585225	585230	+	3	6	GTG	TGA	0	0
mORF_+_585252	585252	585263	+	3	12	TTG	TAA	0	0
mORF_+_585265	585265	585276	+	1	12	ATG	TAG	0	0
mORF_+_585290	585290	585406	+	2	117	GTG	TAA	0	0
mORF_+_585339	585339	585437	+	3	99	ATG	TAA	0	0

mORF_+_585385	585385	585477	+	1	93	TTG	TAA	0	0
mORF_+_585458	585458	585469	+	2	12	GTG	TAG	0	0
mORF_+_585478	585478	585516	+	1	39	TTG	TAA	0	0
mORF_+_585491	585491	585532	+	2	42	GTG	TAA	0	0
mORF_+_585548	585548	585565	+	2	18	GTG	TAG	0	0
mORF_+_585593	585593	585649	+	2	57	TTG	TAA	0	0
mORF_+_585649	585649	585705	+	1	57	ATG	TAA	0	0
mORF_+_585671	585671	585862	+	2	192	ATG	TGA	0	0
mORF_+_585736	585736	585834	+	1	99	TTG	TAG	0	0
mORF_+_585771	585771	585872	+	3	102	ATG	TAA	0	0
mORF_+_585859	585859	585912	+	1	54	ATG	TAA	0	0
mORF_+_585879	585879	585944	+	3	66	TTG	TGA	0	0
mORF_+_585941	585941	585979	+	2	39	TTG	TGA	0	0
mORF_+_585961	585961	585972	+	1	12	GTG	TAA	0	0
mORF_+_585976	585976	585984	+	1	9	GTG	TAA	0	0
mORF_+_585987	585987	586001	+	3	15	TTG	TGA	0	0
mORF_+_585998	585998	586033	+	2	36	ATG	TAG	0	0
mORF_+_586057	586057	586191	+	1	135	ATG	TGA	0	0
mORF_+_586064	586064	586210	+	2	147	TTG	TAA	0	0
mORF_+_586173	586173	586187	+	3	15	ATG	TGA	0	0
mORF_+_586188	586188	586400	+	3	213	GTG	TAA	0	0
mORF_+_586249	586249	586263	+	1	15	TTG	TGA	0	0
mORF_+_586327	586327	586350	+	1	24	ATG	TAG	0	0
mORF_+_586369	586369	586476	+	1	108	GTG	TAA	0	0
mORF_+_586503	586503	586526	+	3	24	TTG	TAA	0	0
mORF_+_586598	586598	586606	+	2	9	TTG	TAA	0	0
mORF_+_586608	586608	586685	+	3	78	GTG	TGA	0	0
mORF_+_586642	586642	586671	+	1	30	ATG	TAA	0	0
mORF_+_586679	586679	586696	+	2	18	TTG	TAA	0	0
mORF_+_586711	586711	586737	+	1	27	TTG	TGA	0	0
mORF_+_586721	586721	586783	+	2	63	ATG	TGA	0	0
mORF_+_586783	586783	586869	+	1	87	ATG	TAG	0	0
mORF_+_586833	586833	586985	+	3	153	TTG	TAA	0	0
mORF_+_586987	586987	587022	+	1	36	GTG	TAA	0	0
mORF_+_587009	587009	587101	+	2	93	ATG	TAA	0	0
mORF_+_587031	587031	587066	+	3	36	TTG	TAA	0	0
mORF_+_587118	587118	587555	+	3	438	TTG	TGA	0	0
mORF_+_587120	587120	587134	+	2	15	GTG	TAA	0	0
mORF_+_587174	587174	587194	+	2	21	GTG	TGA	0	0
mORF_+_587191	587191	587259	+	1	69	ATG	TGA	0	0
mORF_+_587305	587305	587325	+	1	21	TTG	TAG	0	0
mORF_+_587386	587386	587403	+	1	18	GTG	TAG	0	0
mORF_+_587407	587407	587415	+	1	9	TTG	TGA	0	0
mORF_+_587565	587565	587603	+	3	39	GTG	TGA	0	0
mORF_+_587584	587584	587688	+	1	105	TTG	TGA	0	0
mORF_+_587600	587600	587677	+	2	78	ATG	TGA	0	0
mORF_+_587640	587640	587792	+	3	153	TTG	TGA	0	0
mORF_+_587716	587716	587787	+	1	72	GTG	TAA	0	0
mORF_+_587818	587818	587856	+	1	39	TTG	TAG	0	0
mORF_+_587847	587847	588365	+	3	519	TTG	TGA	0	0
mORF_+_587896	587896	588006	+	1	111	TTG	TGA	0	0
mORF_+_587912	587912	587950	+	2	39	TTG	TGA	0	0
mORF_+_588023	588023	588361	+	2	339	GTG	TGA	0	0
mORF_+_588049	588049	588075	+	1	27	ATG	TAG	0	0
mORF_+_588091	588091	588117	+	1	27	ATG	TAG	0	0
mORF_+_588235	588235	588303	+	1	69	GTG	TGA	0	0
mORF_+_588340	588340	588399	+	1	60	TTG	TGA	0	0
mORF_+_588362	588362	588373	+	2	12	TTG	TGA	0	0
mORF_+_588383	588383	588565	+	2	183	GTG	TGA	0	0
mORF_+_588406	588406	588411	+	1	6	ATG	TAA	0	0
mORF_+_588414	588414	588476	+	3	63	TTG	TAG	0	0
mORF_+_588442	588442	588558	+	1	117	TTG	TGA	0	0
mORF_+_588555	588555	588698	+	3	144	GTG	TAG	0	0

mORF+_588584	588584	588937	+	2	354	GTG	TGA	0	0
mORF+_588589	588589	588597	+	1	9	GTG	TAG	0	0
mORF+_588700	588700	588711	+	1	12	GTG	TAA	0	0
mORF+_588816	588816	588845	+	3	30	TTG	TAA	0	0
mORF+_588891	588891	588926	+	3	36	ATG	TAA	0	0
mORF+_588966	588966	588977	+	3	12	TTG	TAA	0	0
mORF+_588992	588992	589042	+	2	51	GTG	TAA	0	0
mORF+_589014	589014	589025	+	3	12	TTG	TAG	0	0
mORF+_589026	589026	589199	+	3	174	TTG	TAA	0	0
mORF+_589046	589046	589117	+	2	72	TTG	TGA	0	0
mORF+_589096	589096	589125	+	1	30	TTG	TAA	0	0
mORF+_589144	589144	589188	+	1	45	TTG	TGA	0	0
mORF+_589237	589237	589260	+	1	24	TTG	TAA	0	0
mORF+_589323	589323	589343	+	3	21	TTG	TAG	0	0
mORF+_589325	589325	589339	+	2	15	GTG	TAA	0	0
mORF+_589333	589333	589365	+	1	33	GTG	TAA	0	0
mORF+_589343	589343	589360	+	2	18	GTG	TGA	0	0
mORF+_589365	589365	589424	+	3	60	ATG	TGA	0	0
mORF+_589376	589376	589417	+	2	42	GTG	TAA	0	0
mORF+_589421	589421	589438	+	2	18	ATG	TGA	0	0
mORF+_589435	589435	589509	+	1	75	GTG	TGA	0	0
mORF+_589448	589448	589786	+	2	339	GTG	TAA	0	0
mORF+_589452	589452	589529	+	3	78	TTG	TAA	0	0
mORF+_589531	589531	589590	+	1	60	GTG	TAG	0	0
mORF+_589578	589578	589682	+	3	105	TTG	TAA	0	0
mORF+_589755	589755	589925	+	3	171	TTG	TAA	0	0
mORF+_589956	589956	590120	+	3	165	GTG	TAA	0	0
mORF+_589978	589978	590037	+	1	60	ATG	TAA	0	0
mORF+_589985	589985	590041	+	2	57	TTG	TAA	0	0
mORF+_590083	590083	590214	+	1	132	GTG	TAA	0	0
mORF+_590102	590102	590152	+	2	51	GTG	TGA	0	0
mORF+_590207	590207	590263	+	2	57	GTG	TGA	0	0
mORF+_590232	590232	590297	+	3	66	GTG	TGA	0	0
mORF+_590236	590236	590253	+	1	18	TTG	TAA	0	0
mORF+_590260	590260	590358	+	1	99	TTG	TAA	0	0
mORF+_590309	590309	590389	+	2	81	GTG	TGA	0	0
mORF+_590370	590370	590384	+	3	15	TTG	TAA	0	0
mORF+_590386	590386	590547	+	1	162	ATG	TAA	0	0
mORF+_590396	590396	590425	+	2	30	GTG	TGA	0	0
mORF+_590468	590468	590479	+	2	12	GTG	TGA	0	0
mORF+_590492	590492	590518	+	2	27	TTG	TGA	0	0
mORF+_590502	590502	590555	+	3	54	TTG	TGA	0	0
mORF+_590552	590552	590584	+	2	33	GTG	TAA	0	0
mORF+_590560	590560	590661	+	1	102	TTG	TAA	0	0
mORF+_590591	590591	590698	+	2	108	TTG	TAA	0	0
mORF+_590698	590698	590841	+	1	144	ATG	TGA	0	0
mORF+_590759	590759	590911	+	2	153	ATG	TGA	0	0
mORF+_590799	590799	590819	+	3	21	GTG	TAA	0	0
mORF+_590838	590838	590903	+	3	66	TTG	TGA	0	0
mORF+_590890	590890	590934	+	1	45	TTG	TAA	0	0
mORF+_590977	590977	591036	+	1	60	ATG	TAG	0	0
mORF+_590982	590982	591056	+	3	75	TTG	TGA	0	0
mORF+_591047	591047	591118	+	2	72	TTG	TAG	0	0
mORF+_591149	591149	591349	+	2	201	ATG	TAG	0	0
mORF+_591198	591198	591212	+	3	15	ATG	TGA	0	0
mORF+_591226	591226	591483	+	1	258	ATG	TGA	0	0
mORF+_591318	591318	591386	+	3	69	TTG	TAA	0	0
mORF+_591401	591401	591601	+	2	201	ATG	TAA	0	0
mORF+_591480	591480	591611	+	3	132	TTG	TAA	0	0
mORF+_591493	591493	591501	+	1	9	GTG	TAA	0	0
mORF+_591654	591654	591677	+	3	24	GTG	TGA	0	0
mORF+_591683	591683	591772	+	2	90	GTG	TAA	0	0
mORF+_591706	591706	591756	+	1	51	TTG	TGA	0	0

mORF_+_591776	591776	591826	+	2	51	ATG	TGA	0	0	
mORF_+_591787	591787	591879	+	1	93	GTG	TGA	0	0	
mORF_+_591854	591854	592063	+	2	210	TTG	TGA	0	0	
mORF_+_591876	591876	591908	+	3	33	GTG	TAA	0	0	
mORF_+_591898	591898	592191	+	1	294	ATG	TAA	0	0	
mORF_+_592076	592076	592084	+	2	9	TTG	TAG	0	0	
mORF_+_592085	592085	592102	+	2	18	GTG	TGA	0	0	
mORF_+_592121	592121	592225	+	2	105	GTG	TAA	0	0	
mORF_+_592259	592259	592285	+	2	27	TTG	TAG	0	0	
mORF_+_592319	592319	592366	+	2	48	ATG	TAG	0	0	
mORF_+_592428	592428	592469	+	3	42	ATG	TGA	0	0	
mORF_+_592459	592459	592554	+	1	96	ATG	TAA	0	0	
mORF_+_592466	592466	592486	+	2	21	GTG	TAA	0	0	
mORF_+_592499	592499	592546	+	2	48	TTG	TGA	0	0	
mORF_+_592533	592533	592562	+	3	30	TTG	TAA	0	0	
mORF_+_592562	592562	592567	+	2	6	ATG	TGA	0	0	
mORF_+_592564	592564	592701	+	1	138	GTG	TAG	0	0	
mORF_+_592577	592577	592765	+	2	189	TTG	TAA	0	0	
mORF_+_592617	592617	592724	+	3	108	ATG	TAA	0	0	
mORF_+_592725	592725	592856	+	3	132	GTG	TAG	0	0	
mORF_+_592738	592738	592779	+	1	42	ATG	TGA	0	0	
mORF_+_592805	592805	592987	+	2	183	TTG	TGA	0	0	
mORF_+_592849	592849	592893	+	1	45	TTG	TGA	0	0	
mORF_+_592897	592897	593028	+	1	132	TTG	TGA	0	0	
mORF_+_593145	593145	593198	+	3	54	TTG	TGA	0	0	
mORF_+_593152	593152	593184	+	1	33	ATG	TGA	0	0	
mORF_+_593165	593165	593218	+	2	54	TTG	TAA	0	0	
mORF_+_593203	593203	593340	+	1	138	TTG	TGA	0	0	
mORF_+_593244	593244	593777	+	3	534	ATG	TAA	1	2	pORF_+_593244
mORF_+_593407	593407	593460	+	1	54	ATG	TAA	0	0	
mORF_+_593420	593420	593431	+	2	12	ATG	TAA	0	0	
mORF_+_593488	593488	593493	+	1	6	ATG	TAG	0	0	
mORF_+_593509	593509	593577	+	1	69	TTG	TGA	0	0	
mORF_+_593650	593650	593697	+	1	48	ATG	TGA	0	0	
mORF_+_593740	593740	593748	+	1	9	TTG	TAA	0	0	
mORF_+_593787	593787	593810	+	3	24	TTG	TAG	0	0	
mORF_+_593824	593824	593871	+	1	48	GTG	TGA	0	0	
mORF_+_593868	593868	593882	+	3	15	ATG	TGA	0	0	
mORF_+_593883	593883	594098	+	3	216	GTG	TAG	0	0	
mORF_+_593890	593890	593976	+	1	87	ATG	TGA	0	0	
mORF_+_593897	593897	593935	+	2	39	ATG	TGA	0	0	
mORF_+_593954	593954	593989	+	2	36	TTG	TGA	0	0	
mORF_+_594008	594008	594013	+	2	6	ATG	TAA	0	0	
mORF_+_594056	594056	594172	+	2	117	TTG	TGA	0	0	
mORF_+_594172	594172	594324	+	1	153	ATG	TAA	0	0	
mORF_+_594218	594218	594283	+	2	66	GTG	TGA	0	0	
mORF_+_594324	594324	594404	+	3	81	ATG	TGA	0	0	
mORF_+_594326	594326	594376	+	2	51	GTG	TAG	0	0	
mORF_+_594401	594401	594535	+	2	135	TTG	TAA	0	0	
mORF_+_594409	594409	594471	+	1	63	ATG	TAA	0	0	
mORF_+_594553	594553	594609	+	1	57	ATG	TAA	0	0	
mORF_+_594572	594572	594703	+	2	132	TTG	TAG	0	0	
mORF_+_594678	594678	594698	+	3	21	ATG	TAG	0	0	
mORF_+_594713	594713	594868	+	2	156	ATG	TAA	0	0	
mORF_+_594727	594727	594738	+	1	12	TTG	TGA	0	0	
mORF_+_594735	594735	594800	+	3	66	ATG	TAA	0	0	
mORF_+_594823	594823	596196	+	1	1374	ATG	TGA	1	2	pORF_+_594823
mORF_+_594831	594831	594836	+	3	6	TTG	TAA	0	0	
mORF_+_594849	594849	594953	+	3	105	TTG	TAA	0	0	
mORF_+_594995	594995	595012	+	2	18	TTG	TGA	0	0	
mORF_+_595106	595106	595243	+	2	138	ATG	TAA	0	0	
mORF_+_595325	595325	595378	+	2	54	ATG	TAG	0	0	
mORF_+_595412	595412	595438	+	2	27	ATG	TGA	0	0	

mORF_+_595451	595451	595483	+	2	33	ATG	TGA	0	0	
mORF_+_595541	595541	595597	+	2	57	ATG	TAA	0	0	
mORF_+_595703	595703	595747	+	2	45	ATG	TAA	0	0	
mORF_+_595815	595815	595838	+	3	24	GTG	TGA	0	0	
mORF_+_595835	595835	595915	+	2	81	TTG	TGA	0	0	
mORF_+_595919	595919	595984	+	2	66	ATG	TGA	0	0	
mORF_+_596093	596093	596140	+	2	48	ATG	TGA	0	0	
mORF_+_596144	596144	596272	+	2	129	ATG	TAA	0	0	
mORF_+_596193	596193	596330	+	3	138	TTG	TGA	0	0	
mORF_+_596227	596227	596337	+	1	111	ATG	TAA	0	0	
mORF_+_596327	596327	596353	+	2	27	ATG	TAA	0	0	
mORF_+_596354	596354	596686	+	2	333	ATG	TAA	3	7	pORF_+_596354
mORF_+_596400	596400	596444	+	3	45	TTG	TGA	0	0	
mORF_+_596535	596535	596546	+	3	12	TTG	TGA	0	0	
mORF_+_596598	596598	596705	+	3	108	GTG	TGA	0	0	
mORF_+_596702	596702	597925	+	2	1224	ATG	TGA	3	2	pORF_+_596702
mORF_+_596775	596775	596984	+	3	210	TTG	TGA	0	0	
mORF_+_597018	597018	597161	+	3	144	TTG	TGA	0	0	
mORF_+_597189	597189	597296	+	3	108	GTG	TGA	0	0	
mORF_+_597342	597342	597353	+	3	12	TTG	TGA	0	0	
mORF_+_597363	597363	597383	+	3	21	TTG	TGA	0	0	
mORF_+_597433	597433	597522	+	1	90	GTG	TAA	0	0	
mORF_+_597480	597480	597623	+	3	144	ATG	TAA	0	0	
mORF_+_597541	597541	597702	+	1	162	ATG	TGA	0	0	
mORF_+_597699	597699	597725	+	3	27	TTG	TGA	0	0	
mORF_+_597732	597732	597854	+	3	123	TTG	TGA	0	0	
mORF_+_597855	597855	597944	+	3	90	TTG	TGA	0	0	
mORF_+_597922	597922	597933	+	1	12	TTG	TAA	0	0	
mORF_+_597937	597937	601080	+	1	3144	ATG	TAA	1	6	pORF_+_597937
mORF_+_597941	597941	597988	+	2	48	TTG	TGA	0	0	
mORF_+_597945	597945	598034	+	3	90	ATG	TAA	0	0	
mORF_+_598046	598046	598132	+	2	87	ATG	TGA	0	0	
mORF_+_598199	598199	598441	+	2	243	TTG	TGA	0	0	
mORF_+_598457	598457	598489	+	2	33	TTG	TGA	0	0	
mORF_+_598532	598532	598555	+	2	24	ATG	TAA	0	0	
mORF_+_598568	598568	598681	+	2	114	ATG	TAA	0	0	
mORF_+_598688	598688	598771	+	2	84	GTG	TAA	0	0	
mORF_+_598928	598928	598990	+	2	63	TTG	TAG	0	0	
mORF_+_598994	598994	599095	+	2	102	GTG	TGA	0	0	
mORF_+_599058	599058	599183	+	3	126	GTG	TAA	0	0	
mORF_+_599096	599096	599167	+	2	72	ATG	TGA	0	0	
mORF_+_599174	599174	599251	+	2	78	ATG	TGA	0	0	
mORF_+_599196	599196	599216	+	3	21	GTG	TGA	0	0	
mORF_+_599258	599258	599302	+	2	45	ATG	TGA	0	0	
mORF_+_599360	599360	599422	+	2	63	TTG	TAG	0	0	
mORF_+_599453	599453	599500	+	2	48	GTG	TGA	0	0	
mORF_+_599504	599504	599527	+	2	24	GTG	TGA	0	0	
mORF_+_599606	599606	599722	+	2	117	TTG	TAA	0	0	
mORF_+_599753	599753	599809	+	2	57	TTG	TAG	0	0	
mORF_+_599841	599841	599876	+	3	36	GTG	TGA	0	0	
mORF_+_599873	599873	600046	+	2	174	TTG	TAG	0	0	
mORF_+_599919	599919	599939	+	3	21	GTG	TAA	0	0	
mORF_+_600077	600077	600151	+	2	75	TTG	TGA	0	0	
mORF_+_600161	600161	600178	+	2	18	ATG	TGA	0	0	
mORF_+_600203	600203	600304	+	2	102	TTG	TGA	0	0	
mORF_+_600386	600386	600469	+	2	84	ATG	TAG	0	0	
mORF_+_600653	600653	600766	+	2	114	TTG	TGA	0	0	
mORF_+_600681	600681	600815	+	3	135	GTG	TAA	0	0	
mORF_+_600845	600845	600895	+	2	51	ATG	TGA	0	0	
mORF_+_600933	600933	601043	+	3	111	GTG	TAA	0	0	
mORF_+_600971	600971	600985	+	2	15	TTG	TGA	0	0	
mORF_+_600986	600986	600997	+	2	12	TTG	TGA	0	0	
mORF_+_601050	601050	601100	+	3	51	GTG	TAA	0	0	

mORF+_601103	601103	601135	+	2	33	GTG	TAA	0	0	
mORF+_601105	601105	601185	+	1	81	GTG	TGA	0	0	
mORF+_601110	601110	601142	+	3	33	TTG	TAA	0	0	
mORF+_601136	601136	601255	+	2	120	ATG	TAA	0	0	
mORF+_601146	601146	602558	+	3	1413	GTG	TAA	1	2	pORF+_601146
mORF+_601273	601273	601389	+	1	117	TTG	TGA	0	0	
mORF+_601402	601402	601509	+	1	108	TTG	TAA	0	0	
mORF+_601576	601576	601638	+	1	63	ATG	TGA	0	0	
mORF+_601586	601586	601630	+	2	45	GTG	TAA	0	0	
mORF+_601651	601651	601680	+	1	30	ATG	TGA	0	0	
mORF+_601714	601714	601815	+	1	102	TTG	TGA	0	0	
mORF+_601721	601721	601882	+	2	162	GTG	TGA	0	0	
mORF+_601864	601864	601920	+	1	57	TTG	TAA	0	0	
mORF+_601988	601988	602014	+	2	27	GTG	TAG	0	0	
mORF+_602020	602020	602025	+	1	6	TTG	TGA	0	0	
mORF+_602140	602140	602178	+	1	39	TTG	TGA	0	0	
mORF+_602197	602197	602217	+	1	21	GTG	TGA	0	0	
mORF+_602281	602281	602292	+	1	12	TTG	TGA	0	0	
mORF+_602359	602359	602451	+	1	93	GTG	TGA	0	0	
mORF+_602465	602465	602479	+	2	15	GTG	TGA	0	0	
mORF+_602476	602476	602649	+	1	174	ATG	TAA	0	0	
mORF+_602510	602510	602539	+	2	30	GTG	TAA	0	0	
mORF+_602586	602586	602693	+	3	108	ATG	TGA	0	0	
mORF+_602650	602650	602787	+	1	138	ATG	TAG	0	0	
mORF+_602693	602693	602812	+	2	120	ATG	TAA	0	0	
mORF+_602730	602730	602735	+	3	6	ATG	TGA	0	0	
mORF+_602754	602754	602798	+	3	45	ATG	TAG	0	0	
mORF+_602834	602834	602848	+	2	15	TTG	TAA	0	0	
mORF+_602873	602873	602941	+	2	69	ATG	TAA	0	0	
mORF+_602919	602919	602990	+	3	72	TTG	TGA	0	0	
mORF+_602960	602960	603004	+	2	45	TTG	TAA	0	0	
mORF+_603020	603020	603121	+	2	102	ATG	TGA	0	0	
mORF+_603072	603072	603305	+	3	234	GTG	TGA	1	2	pORF+_603072
mORF+_603115	603115	603141	+	1	27	ATG	TAA	0	0	
mORF+_603364	603364	603381	+	1	18	TTG	TGA	0	0	
mORF+_603426	603426	603464	+	3	39	ATG	TGA	0	0	
mORF+_603490	603490	603525	+	1	36	ATG	TAA	0	0	
mORF+_603564	603564	603638	+	3	75	ATG	TGA	0	0	
mORF+_603617	603617	603673	+	2	57	TTG	TAA	0	0	
mORF+_603642	603642	603836	+	3	195	TTG	TGA	0	0	
mORF+_603677	603677	603721	+	2	45	GTG	TGA	0	0	
mORF+_603718	603718	603774	+	1	57	GTG	TAA	0	0	
mORF+_603764	603764	603856	+	2	93	ATG	TAA	0	0	
mORF+_603914	603914	603967	+	2	54	ATG	TAG	0	0	
mORF+_603937	603937	603957	+	1	21	ATG	TGA	0	0	
mORF+_603976	603976	604008	+	1	33	ATG	TAA	0	0	
mORF+_604010	604010	604069	+	2	60	GTG	TGA	0	0	
mORF+_604018	604018	604551	+	1	534	TTG	TAG	0	0	
mORF+_604097	604097	604102	+	2	6	GTG	TAG	0	0	
mORF+_604136	604136	604219	+	2	84	ATG	TAA	0	0	
mORF+_604227	604227	604439	+	3	213	TTG	TGA	0	0	
mORF+_604283	604283	604447	+	2	165	TTG	TAA	0	0	
mORF+_604463	604463	604618	+	2	156	TTG	TGA	0	0	
mORF+_604533	604533	604559	+	3	27	ATG	TGA	0	0	
mORF+_604602	604602	604610	+	3	9	ATG	TAG	0	0	
mORF+_604615	604615	604626	+	1	12	ATG	TAA	0	0	
mORF+_604637	604637	604711	+	2	75	ATG	TAA	0	0	
mORF+_604657	604657	604662	+	1	6	ATG	TGA	0	0	
mORF+_604659	604659	604775	+	3	117	GTG	TAG	0	0	
mORF+_604675	604675	604731	+	1	57	GTG	TAG	0	0	
mORF+_604721	604721	604744	+	2	24	ATG	TAG	0	0	
mORF+_604762	604762	604827	+	1	66	TTG	TAA	0	0	
mORF+_604808	604808	604885	+	2	78	TTG	TGA	0	0	

mORF+_604867	604867	604923	+	1	57	GTG	TAA	0	0	
mORF+_604898	604898	604918	+	2	21	ATG	TGA	0	0	
mORF+_604902	604902	604955	+	3	54	TTG	TGA	0	0	
mORF+_604933	604933	604974	+	1	42	TTG	TAG	0	0	
mORF+_604952	604952	605137	+	2	186	TTG	TAA	0	0	
mORF+_605089	605089	605097	+	1	9	GTG	TGA	0	0	
mORF+_605094	605094	605111	+	3	18	GTG	TAA	0	0	
mORF+_605098	605098	605166	+	1	69	TTG	TAA	0	0	
mORF+_605145	605145	605177	+	3	33	ATG	TAA	0	0	
mORF+_605268	605268	605273	+	3	6	GTG	TAA	0	0	
mORF+_605294	605294	605410	+	2	117	ATG	TAA	0	0	
mORF+_605301	605301	605444	+	3	144	ATG	TAA	0	0	
mORF+_605317	605317	605424	+	1	108	GTG	TAA	0	0	
mORF+_605414	605414	605491	+	2	78	GTG	TAG	0	0	
mORF+_605434	605434	605439	+	1	6	ATG	TAA	0	0	
mORF+_605452	605452	605568	+	1	117	TTG	TAG	0	0	
mORF+_605602	605602	605688	+	1	87	ATG	TAG	0	0	
mORF+_605625	605625	605720	+	3	96	ATG	TGA	0	0	
mORF+_605705	605705	605740	+	2	36	GTG	TAG	0	0	
mORF+_605707	605707	605817	+	1	111	GTG	TAA	0	0	
mORF+_605759	605759	605779	+	2	21	TTG	TAA	0	0	
mORF+_605821	605821	605841	+	1	21	GTG	TAA	0	0	
mORF+_605860	605860	605874	+	1	15	GTG	TAA	0	0	
mORF+_605903	605903	605914	+	2	12	GTG	TGA	0	0	
mORF+_605911	605911	606066	+	1	156	ATG	TGA	0	0	
mORF+_605948	605948	605971	+	2	24	ATG	TAA	0	0	
mORF+_606063	606063	606125	+	3	63	GTG	TAA	0	0	
mORF+_606127	606127	606144	+	1	18	GTG	TGA	0	0	
mORF+_606141	606141	606230	+	3	90	GTG	TGA	0	0	
mORF+_606151	606151	606378	+	1	228	GTG	TGA	0	0	
mORF+_606164	606164	606205	+	2	42	ATG	TGA	0	0	
mORF+_606227	606227	606235	+	2	9	ATG	TAA	0	0	
mORF+_606251	606251	606259	+	2	9	GTG	TGA	0	0	
mORF+_606311	606311	606337	+	2	27	GTG	TGA	0	0	
mORF+_606344	606344	606526	+	2	183	GTG	TAG	0	0	
mORF+_606451	606451	606504	+	1	54	GTG	TGA	0	0	
mORF+_606501	606501	606539	+	3	39	TTG	TAA	0	0	
mORF+_606586	606586	606600	+	1	15	ATG	TAA	0	0	
mORF+_606600	606600	606608	+	3	9	ATG	TAG	0	0	
mORF+_606618	606618	606767	+	3	150	ATG	TGA	0	0	
mORF+_606665	606665	606700	+	2	36	ATG	TGA	0	0	
mORF+_606694	606694	606711	+	1	18	TTG	TGA	0	0	
mORF+_606728	606728	606748	+	2	21	TTG	TGA	0	0	
mORF+_606745	606745	606837	+	1	93	GTG	TGA	0	0	
mORF+_606755	606755	606787	+	2	33	ATG	TGA	0	0	
mORF+_606771	606771	606794	+	3	24	GTG	TGA	0	0	
mORF+_606791	606791	606829	+	2	39	TTG	TGA	0	0	
mORF+_606798	606798	606833	+	3	36	ATG	TAA	0	0	
mORF+_606834	606834	606872	+	3	39	ATG	TAA	0	0	
mORF+_606841	606841	606876	+	1	36	GTG	TAA	0	0	
mORF+_606886	606886	606921	+	1	36	TTG	TGA	0	0	
mORF+_606914	606914	607147	+	2	234	GTG	TGA	0	0	
mORF+_606960	606960	607211	+	3	252	ATG	TAG	0	0	
mORF+_607042	607042	607056	+	1	15	ATG	TAA	0	0	
mORF+_607072	607072	607092	+	1	21	ATG	TAG	0	0	
mORF+_607144	607144	607158	+	1	15	GTG	TGA	0	0	
mORF+_607171	607171	607275	+	1	105	TTG	TGA	0	0	
mORF+_607215	607215	607229	+	3	15	TTG	TAA	0	0	
mORF+_607217	607217	607237	+	2	21	GTG	TAA	0	0	
mORF+_607253	607253	607270	+	2	18	TTG	TGA	0	0	
mORF+_607272	607272	607280	+	3	9	ATG	TAA	0	0	
mORF+_607282	607282	608400	+	1	1119	GTG	TAA	3	9	pORF+_607282
mORF+_607331	607331	607381	+	2	51	TTG	TAA	0	0	

mORF+_607400	607400	607522	+	2	123	GTG	TGA	0	0
mORF+_607473	607473	607490	+	3	18	ATG	TGA	0	0
mORF+_607535	607535	607729	+	2	195	ATG	TAA	0	0
mORF+_607599	607599	607670	+	3	72	TTG	TGA	0	0
mORF+_607671	607671	607694	+	3	24	ATG	TGA	0	0
mORF+_607763	607763	607894	+	2	132	TTG	TAA	0	0
mORF+_607821	607821	607853	+	3	33	ATG	TGA	0	0
mORF+_607913	607913	607921	+	2	9	TTG	TGA	0	0
mORF+_607944	607944	607952	+	3	9	TTG	TAA	0	0
mORF+_607958	607958	607972	+	2	15	GTG	TAA	0	0
mORF+_608027	608027	608059	+	2	33	TTG	TAA	0	0
mORF+_608138	608138	608152	+	2	15	ATG	TAA	0	0
mORF+_608168	608168	608332	+	2	165	ATG	TAA	0	0
mORF+_608196	608196	608222	+	3	27	TTG	TGA	0	0
mORF+_608298	608298	608312	+	3	15	GTG	TAA	0	0
mORF+_608333	608333	608344	+	2	12	TTG	TAA	0	0
mORF+_608375	608375	608563	+	2	189	GTG	TAG	0	0
mORF+_608407	608407	608514	+	1	108	GTG	TAA	0	0
mORF+_608454	608454	608471	+	3	18	GTG	TGA	0	0
mORF+_608569	608569	608613	+	1	45	ATG	TAA	0	0
mORF+_608594	608594	608707	+	2	114	TTG	TGA	0	0
mORF+_608607	608607	608648	+	3	42	ATG	TGA	0	0
mORF+_608638	608638	608685	+	1	48	GTG	TAA	0	0
mORF+_608688	608688	608891	+	3	204	GTG	TAA	0	0
mORF+_608704	608704	608760	+	1	57	ATG	TGA	0	0
mORF+_608761	608761	608796	+	1	36	ATG	TGA	0	0
mORF+_608831	608831	608839	+	2	9	TTG	TAA	0	0
mORF+_608840	608840	608929	+	2	90	ATG	TAA	0	0
mORF+_608851	608851	609000	+	1	150	TTG	TGA	0	0
mORF+_608913	608913	609017	+	3	105	GTG	TAA	0	0
mORF+_608951	608951	609025	+	2	75	TTG	TAG	0	0
mORF+_609033	609033	609080	+	3	48	GTG	TAG	0	0
mORF+_609089	609089	609295	+	2	207	TTG	TAG	0	0
mORF+_609153	609153	609215	+	3	63	ATG	TAA	0	0
mORF+_609255	609255	609323	+	3	69	ATG	TGA	0	0
mORF+_609323	609323	609388	+	2	66	ATG	TGA	0	0
mORF+_609345	609345	609407	+	3	63	ATG	TAG	0	0
mORF+_609385	609385	609441	+	1	57	TTG	TGA	0	0
mORF+_609438	609438	609827	+	3	390	ATG	TGA	0	0
mORF+_609454	609454	609468	+	1	15	TTG	TGA	0	0
mORF+_609487	609487	609528	+	1	42	GTG	TAG	0	0
mORF+_609556	609556	609693	+	1	138	TTG	TAA	0	0
mORF+_609706	609706	609732	+	1	27	TTG	TGA	0	0
mORF+_609742	609742	609897	+	1	156	TTG	TAA	0	0
mORF+_609806	609806	609850	+	2	45	GTG	TGA	0	0
mORF+_609898	609898	609993	+	1	96	GTG	TGA	0	0
mORF+_610003	610003	610035	+	1	33	GTG	TAG	0	0
mORF+_610017	610017	610298	+	3	282	TTG	TAA	0	0
mORF+_610051	610051	610059	+	1	9	TTG	TAA	0	0
mORF+_610075	610075	610170	+	1	96	GTG	TAG	0	0
mORF+_610216	610216	610221	+	1	6	ATG	TAG	0	0
mORF+_610267	610267	610350	+	1	84	ATG	TGA	0	0
mORF+_610302	610302	610439	+	3	138	TTG	TGA	0	0
mORF+_610378	610378	610542	+	1	165	ATG	TGA	0	0
mORF+_610436	610436	610477	+	2	42	TTG	TAG	0	0
mORF+_610502	610502	610576	+	2	75	GTG	TAA	0	0
mORF+_610536	610536	610991	+	3	456	TTG	TAA	0	0
mORF+_610649	610649	610666	+	2	18	GTG	TAA	0	0
mORF+_610717	610717	610788	+	1	72	GTG	TAG	0	0
mORF+_610807	610807	610839	+	1	33	TTG	TAG	0	0
mORF+_610849	610849	610896	+	1	48	TTG	TAA	0	0
mORF+_610922	610922	610954	+	2	33	ATG	TAA	0	0
mORF+_610960	610960	611025	+	1	66	TTG	TGA	0	0

mORF+_611025	611025	611585	+	3	561	ATG	TAA	0	0	
mORF+_611035	611035	611256	+	1	222	TTG	TAA	0	0	
mORF+_611174	611174	611218	+	2	45	ATG	TAA	0	0	
mORF+_611306	611306	611488	+	2	183	GTG	TAA	0	0	
mORF+_611386	611386	611460	+	1	75	TTG	TGA	0	0	
mORF+_611467	611467	611670	+	1	204	GTG	TAA	0	0	
mORF+_611622	611622	611627	+	3	6	ATG	TGA	0	0	
mORF+_611624	611624	611683	+	2	60	GTG	TGA	0	0	
mORF+_611649	611649	611807	+	3	159	TTG	TGA	0	0	
mORF+_611680	611680	611703	+	1	24	TTG	TGA	0	0	
mORF+_611710	611710	611841	+	1	132	TTG	TAA	0	0	
mORF+_611717	611717	611890	+	2	174	TTG	TAG	0	0	
mORF+_611841	611841	611900	+	3	60	ATG	TAA	0	0	
mORF+_611875	611875	611985	+	1	111	TTG	TGA	0	0	
mORF+_611934	611934	611963	+	3	30	TTG	TGA	0	0	
mORF+_611960	611960	613162	+	2	1203	GTG	TGA	1	2	pORF+_611960
mORF+_611982	611982	612029	+	3	48	GTG	TGA	0	0	
mORF+_611992	611992	612033	+	1	42	GTG	TGA	0	0	
mORF+_612030	612030	612098	+	3	69	ATG	TAA	0	0	
mORF+_612058	612058	612066	+	1	9	GTG	TGA	0	0	
mORF+_612106	612106	612183	+	1	78	ATG	TAA	0	0	
mORF+_612123	612123	612128	+	3	6	GTG	TGA	0	0	
mORF+_612171	612171	612332	+	3	162	TTG	TAG	0	0	
mORF+_612193	612193	612258	+	1	66	GTG	TGA	0	0	
mORF+_612421	612421	612477	+	1	57	ATG	TGA	0	0	
mORF+_612474	612474	612485	+	3	12	GTG	TGA	0	0	
mORF+_612498	612498	612605	+	3	108	GTG	TGA	0	0	
mORF+_612502	612502	612699	+	1	198	ATG	TAA	0	0	
mORF+_612645	612645	612653	+	3	9	ATG	TGA	0	0	
mORF+_612699	612699	612746	+	3	48	ATG	TGA	0	0	
mORF+_612753	612753	612866	+	3	114	TTG	TAA	0	0	
mORF+_612886	612886	612927	+	1	42	GTG	TGA	0	0	
mORF+_612924	612924	612935	+	3	12	TTG	TAA	0	0	
mORF+_612942	612942	613001	+	3	60	GTG	TGA	0	0	
mORF+_613026	613026	613046	+	3	21	ATG	TAA	0	0	
mORF+_613071	613071	613112	+	3	42	TTG	TGA	0	0	
mORF+_613093	613093	613152	+	1	60	TTG	TGA	0	0	
mORF+_613149	613149	613178	+	3	30	ATG	TAA	0	0	
mORF+_613159	613159	613383	+	1	225	TTG	TGA	4	53	pORF+_613159
mORF+_613187	613187	613345	+	2	159	ATG	TGA	0	0	
mORF+_613242	613242	617261	+	3	4020	GTG	TAA	22	13	pORF+_613242
mORF+_613477	613477	613485	+	1	9	TTG	TAA	0	0	
mORF+_613495	613495	613536	+	1	42	TTG	TAG	0	0	
mORF+_613592	613592	613603	+	2	12	GTG	TGA	0	0	
mORF+_613600	613600	613611	+	1	12	ATG	TGA	0	0	
mORF+_613651	613651	613680	+	1	30	TTG	TAA	0	0	
mORF+_613804	613804	613911	+	1	108	ATG	TAG	0	0	
mORF+_613856	613856	613906	+	2	51	ATG	TGA	0	0	
mORF+_613954	613954	614061	+	1	108	GTG	TGA	0	0	
mORF+_614113	614113	614133	+	1	21	GTG	TAG	0	0	
mORF+_614137	614137	614232	+	1	96	TTG	TGA	0	0	
mORF+_614153	614153	614380	+	2	228	GTG	TGA	0	0	
mORF+_614278	614278	614331	+	1	54	TTG	TGA	0	0	
mORF+_614359	614359	614550	+	1	192	ATG	TGA	0	0	
mORF+_614554	614554	614598	+	1	45	TTG	TAA	0	0	
mORF+_614605	614605	614619	+	1	15	ATG	TGA	0	0	
mORF+_614629	614629	614934	+	1	306	TTG	TGA	0	0	
mORF+_614660	614660	614692	+	2	33	GTG	TGA	0	0	
mORF+_614947	614947	614955	+	1	9	ATG	TAG	0	0	
mORF+_614956	614956	615012	+	1	57	TTG	TGA	0	0	
mORF+_615028	615028	615048	+	1	21	ATG	TAA	0	0	
mORF+_615082	615082	615096	+	1	15	ATG	TAA	0	0	
mORF+_615104	615104	615112	+	2	9	TTG	TAA	0	0	

mORF+_615136	615136	615219	+	1	84	GTG	TAA	0	0
mORF+_615254	615254	615322	+	2	69	TTG	TGA	0	0
mORF+_615289	615289	615375	+	1	87	ATG	TGA	0	0
mORF+_615332	615332	615382	+	2	51	GTG	TGA	0	0
mORF+_615424	615424	615441	+	1	18	TTG	TAA	0	0
mORF+_615454	615454	615492	+	1	39	TTG	TGA	0	0
mORF+_615515	615515	615544	+	2	30	TTG	TAG	0	0
mORF+_615544	615544	615591	+	1	48	GTG	TAA	0	0
mORF+_615569	615569	615610	+	2	42	ATG	TAA	0	0
mORF+_615616	615616	615639	+	1	24	ATG	TAG	0	0
mORF+_615640	615640	615750	+	1	111	ATG	TGA	0	0
mORF+_615716	615716	615742	+	2	27	ATG	TGA	0	0
mORF+_615769	615769	615837	+	1	69	GTG	TGA	0	0
mORF+_615853	615853	615960	+	1	108	TTG	TAA	0	0
mORF+_616021	616021	616053	+	1	33	ATG	TGA	0	0
mORF+_616075	616075	616269	+	1	195	GTG	TGA	0	0
mORF+_616288	616288	616410	+	1	123	GTG	TGA	0	0
mORF+_616346	616346	616351	+	2	6	GTG	TGA	0	0
mORF+_616438	616438	616452	+	1	15	TTG	TGA	0	0
mORF+_616504	616504	617052	+	1	549	TTG	TGA	0	0
mORF+_616586	616586	616720	+	2	135	TTG	TGA	0	0
mORF+_617074	617074	617127	+	1	54	TTG	TGA	0	0
mORF+_617150	617150	617221	+	2	72	GTG	TGA	0	0
mORF+_617185	617185	617253	+	1	69	GTG	TAA	0	0
mORF+_617302	617302	617322	+	1	21	ATG	TGA	0	0
mORF+_617315	617315	617329	+	2	15	TTG	TAG	0	0
mORF+_617319	617319	617351	+	3	33	TTG	TAA	0	0
mORF+_617332	617332	617355	+	1	24	TTG	TAG	0	0
mORF+_617357	617357	617428	+	2	72	GTG	TGA	0	0
mORF+_617361	617361	617423	+	3	63	ATG	TAA	0	0
mORF+_617425	617425	617496	+	1	72	GTG	TAA	0	0
mORF+_617451	617451	617489	+	3	39	TTG	TGA	0	0
mORF+_617477	617477	618610	+	2	1134	ATG	TAA	0	0
mORF+_617505	617505	617573	+	3	69	GTG	TAA	0	0
mORF+_617584	617584	617739	+	1	156	ATG	TAA	0	0
mORF+_617619	617619	617645	+	3	27	TTG	TGA	0	0
mORF+_617685	617685	617858	+	3	174	TTG	TGA	0	0
mORF+_617910	617910	617921	+	3	12	TTG	TGA	0	0
mORF+_617940	617940	617999	+	3	60	TTG	TAA	0	0
mORF+_618018	618018	618041	+	3	24	GTG	TGA	0	0
mORF+_618126	618126	618329	+	3	204	TTG	TAG	0	0
mORF+_618348	618348	618359	+	3	12	TTG	TGA	0	0
mORF+_618363	618363	618401	+	3	39	GTG	TAA	0	0
mORF+_618411	618411	618425	+	3	15	ATG	TGA	0	0
mORF+_618498	618498	618503	+	3	6	TTG	TGA	0	0
mORF+_618535	618535	618624	+	1	90	TTG	TGA	0	0
mORF+_618537	618537	618590	+	3	54	GTG	TGA	0	0
mORF+_618615	618615	618683	+	3	69	TTG	TGA	0	0
mORF+_618680	618680	618703	+	2	24	ATG	TAA	0	0
mORF+_618704	618704	618751	+	2	48	ATG	TGA	0	0
mORF+_618774	618774	618812	+	3	39	ATG	TAA	0	0
mORF+_618784	618784	618867	+	1	84	ATG	TAA	0	0
mORF+_618889	618889	619266	+	1	378	ATG	TAA	0	0
mORF+_618911	618911	619009	+	2	99	GTG	TGA	0	0
mORF+_618933	618933	619085	+	3	153	TTG	TAA	0	0
mORF+_619031	619031	619096	+	2	66	GTG	TGA	0	0
mORF+_619133	619133	619204	+	2	72	GTG	TAA	0	0
mORF+_619182	619182	619310	+	3	129	GTG	TAA	0	0
mORF+_619211	619211	619243	+	2	33	ATG	TGA	0	0
mORF+_619280	619280	619324	+	2	45	GTG	TGA	0	0
mORF+_619311	619311	619319	+	3	9	TTG	TGA	0	0
mORF+_619321	619321	619386	+	1	66	GTG	TAA	0	0
mORF+_619367	619367	619456	+	2	90	TTG	TAA	0	0

mORF_+_619426	619426	619440	+	1	15	TTG	TGA	0	0	
mORF_+_619500	619500	619550	+	3	51	TTG	TAA	0	0	
mORF_+_619594	619594	620076	+	1	483	GTG	TGA	0	0	
mORF_+_619617	619617	619631	+	3	15	GTG	TAA	0	0	
mORF_+_619622	619622	619639	+	2	18	GTG	TAA	0	0	
mORF_+_619664	619664	619678	+	2	15	TTG	TAA	0	0	
mORF_+_619820	619820	619858	+	2	39	GTG	TGA	0	0	
mORF_+_620045	620045	620062	+	2	18	TTG	TAG	0	0	
mORF_+_620119	620119	620172	+	1	54	GTG	TGA	0	0	
mORF_+_620195	620195	620248	+	2	54	GTG	TGA	0	0	
mORF_+_620245	620245	620406	+	1	162	GTG	TAA	0	0	
mORF_+_620410	620410	620466	+	1	57	ATG	TAA	0	0	
mORF_+_620517	620517	620582	+	3	66	ATG	TGA	0	0	
mORF_+_620579	620579	620779	+	2	201	ATG	TAA	0	0	
mORF_+_620650	620650	620679	+	1	30	TTG	TAA	0	0	
mORF_+_620701	620701	620898	+	1	198	GTG	TAA	0	0	
mORF_+_620703	620703	620879	+	3	177	GTG	TGA	0	0	
mORF_+_620831	620831	620836	+	2	6	ATG	TAG	0	0	
mORF_+_620861	620861	620962	+	2	102	TTG	TAA	0	0	
mORF_+_620907	620907	620993	+	3	87	ATG	TGA	0	0	
mORF_+_621016	621016	621162	+	1	147	ATG	TGA	0	0	
mORF_+_621053	621053	621175	+	2	123	TTG	TAA	0	0	
mORF_+_621099	621099	621470	+	3	372	ATG	TAG	0	0	
mORF_+_621310	621310	621327	+	1	18	GTG	TGA	0	0	
mORF_+_621337	621337	621351	+	1	15	ATG	TAA	0	0	
mORF_+_621388	621388	621426	+	1	39	GTG	TGA	0	0	
mORF_+_621458	621458	621484	+	2	27	TTG	TAA	0	0	
mORF_+_621472	621472	621498	+	1	27	ATG	TAA	0	0	
mORF_+_621474	621474	621530	+	3	57	GTG	TAA	0	0	
mORF_+_621518	621518	621523	+	2	6	TTG	TAA	0	0	
mORF_+_621523	621523	622773	+	1	1251	ATG	TAA	3	84	pORF_+_621523
mORF_+_621611	621611	621661	+	2	51	TTG	TGA	0	0	
mORF_+_621719	621719	621730	+	2	12	TTG	TGA	0	0	
mORF_+_621740	621740	621775	+	2	36	GTG	TGA	0	0	
mORF_+_621797	621797	621940	+	2	144	GTG	TAG	0	0	
mORF_+_621819	621819	621827	+	3	9	GTG	TAA	0	0	
mORF_+_621876	621876	621947	+	3	72	ATG	TGA	0	0	
mORF_+_621944	621944	621955	+	2	12	GTG	TAA	0	0	
mORF_+_622016	622016	622048	+	2	33	TTG	TAG	0	0	
mORF_+_622139	622139	622153	+	2	15	GTG	TGA	0	0	
mORF_+_622184	622184	622231	+	2	48	TTG	TGA	0	0	
mORF_+_622301	622301	622351	+	2	51	TTG	TAA	0	0	
mORF_+_622373	622373	622393	+	2	21	GTG	TGA	0	0	
mORF_+_622427	622427	622444	+	2	18	TTG	TGA	0	0	
mORF_+_622452	622452	622568	+	3	117	GTG	TAA	0	0	
mORF_+_622496	622496	622558	+	2	63	GTG	TAG	0	0	
mORF_+_622575	622575	622793	+	3	219	GTG	TAA	0	0	
mORF_+_622601	622601	622609	+	2	9	ATG	TAG	0	0	
mORF_+_622625	622625	622642	+	2	18	GTG	TGA	0	0	
mORF_+_622652	622652	622687	+	2	36	TTG	TGA	0	0	
mORF_+_622807	622807	622950	+	1	144	TTG	TAG	0	0	
mORF_+_622811	622811	622822	+	2	12	ATG	TAG	0	0	
mORF_+_622865	622865	622909	+	2	45	TTG	TAA	0	0	
mORF_+_622950	622950	623000	+	3	51	GTG	TGA	0	0	
mORF_+_622997	622997	623020	+	2	24	ATG	TGA	0	0	
mORF_+_623005	623005	623037	+	1	33	ATG	TAA	0	0	
mORF_+_623071	623071	623097	+	1	27	TTG	TGA	0	0	
mORF_+_623091	623091	623153	+	3	63	GTG	TGA	0	0	
mORF_+_623114	623114	623140	+	2	27	TTG	TAG	0	0	
mORF_+_623122	623122	623169	+	1	48	GTG	TAA	0	0	
mORF_+_623144	623144	623296	+	2	153	ATG	TAA	0	0	
mORF_+_623176	623176	623268	+	1	93	TTG	TAA	0	0	
mORF_+_623297	623297	623332	+	2	36	TTG	TGA	0	0	

mORF_+_623307	623307	623372	+	3	66	ATG	TAA	0	0	
mORF_+_623392	623392	623478	+	1	87	TTG	TAA	0	0	
mORF_+_623444	623444	623641	+	2	198	TTG	TGA	0	0	
mORF_+_623556	623556	623573	+	3	18	GTG	TGA	0	0	
mORF_+_623610	623610	623636	+	3	27	GTG	TAA	0	0	
mORF_+_623614	623614	623679	+	1	66	ATG	TGA	0	0	
mORF_+_623708	623708	623716	+	2	9	TTG	TAG	0	0	
mORF_+_623771	623771	623833	+	2	63	ATG	TGA	0	0	
mORF_+_623830	623830	623949	+	1	120	GTG	TAA	0	0	
mORF_+_623852	623852	624043	+	2	192	GTG	TAG	0	0	
mORF_+_623949	623949	624026	+	3	78	ATG	TAG	0	0	
mORF_+_623965	623965	623970	+	1	6	TTG	TAA	0	0	
mORF_+_624001	624001	624021	+	1	21	TTG	TGA	0	0	
mORF_+_624034	624034	624048	+	1	15	TTG	TAG	0	0	
mORF_+_624064	624064	624240	+	1	177	ATG	TGA	0	0	
mORF_+_624096	624096	625283	+	3	1188	GTG	TAA	33	357	pORF_+_624096
mORF_+_624209	624209	624229	+	2	21	ATG	TGA	0	0	
mORF_+_624289	624289	624327	+	1	39	TTG	TGA	0	0	
mORF_+_624454	624454	624567	+	1	114	ATG	TGA	0	0	
mORF_+_624568	624568	624621	+	1	54	TTG	TGA	0	0	
mORF_+_624622	624622	624744	+	1	123	TTG	TAG	0	0	
mORF_+_624769	624769	624843	+	1	75	ATG	TGA	0	0	
mORF_+_624880	624880	624912	+	1	33	GTG	TGA	0	0	
mORF_+_624929	624929	624952	+	2	24	GTG	TGA	0	0	
mORF_+_624949	624949	624984	+	1	36	TTG	TGA	0	0	
mORF_+_625054	625054	625140	+	1	87	TTG	TGA	0	0	
mORF_+_625103	625103	625111	+	2	9	TTG	TGA	0	0	
mORF_+_625130	625130	625225	+	2	96	ATG	TGA	0	0	
mORF_+_625183	625183	625263	+	1	81	TTG	TGA	0	0	
mORF_+_625226	625226	625405	+	2	180	GTG	TGA	0	0	
mORF_+_625270	625270	625296	+	1	27	TTG	TGA	0	0	
mORF_+_625293	625293	626903	+	3	1611	ATG	TGA	19	50	pORF_+_625293
mORF_+_625327	625327	625374	+	1	48	TTG	TGA	0	0	
mORF_+_625393	625393	625440	+	1	48	ATG	TGA	0	0	
mORF_+_625478	625478	625483	+	2	6	GTG	TAG	0	0	
mORF_+_625510	625510	625575	+	1	66	GTG	TGA	0	0	
mORF_+_625585	625585	625629	+	1	45	TTG	TGA	0	0	
mORF_+_625636	625636	625665	+	1	30	ATG	TGA	0	0	
mORF_+_625666	625666	625890	+	1	225	TTG	TGA	0	0	
mORF_+_625943	625943	625996	+	2	54	TTG	TAA	0	0	
mORF_+_626035	626035	626094	+	1	60	TTG	TGA	0	0	
mORF_+_626095	626095	626163	+	1	69	TTG	TGA	0	0	
mORF_+_626147	626147	626260	+	2	114	GTG	TGA	0	0	
mORF_+_626188	626188	626199	+	1	12	TTG	TGA	0	0	
mORF_+_626239	626239	626310	+	1	72	TTG	TGA	0	0	
mORF_+_626323	626323	626442	+	1	120	TTG	TGA	0	0	
mORF_+_626369	626369	626380	+	2	12	GTG	TGA	0	0	
mORF_+_626387	626387	626509	+	2	123	ATG	TGA	0	0	
mORF_+_626494	626494	626541	+	1	48	ATG	TGA	0	0	
mORF_+_626548	626548	626664	+	1	117	TTG	TGA	0	0	
mORF_+_626692	626692	626700	+	1	9	ATG	TGA	0	0	
mORF_+_626773	626773	626838	+	1	66	GTG	TGA	0	0	
mORF_+_626816	626816	626860	+	2	45	GTG	TAA	0	0	
mORF_+_626876	626876	627019	+	2	144	GTG	TAA	0	0	
mORF_+_626917	626917	627774	+	1	858	ATG	TAA	16	33	pORF_+_626917
mORF_+_627023	627023	627073	+	2	51	ATG	TGA	0	0	
mORF_+_627095	627095	627190	+	2	96	TTG	TGA	0	0	
mORF_+_627191	627191	627214	+	2	24	ATG	TGA	0	0	
mORF_+_627198	627198	627347	+	3	150	GTG	TAA	0	0	
mORF_+_627260	627260	627283	+	2	24	ATG	TGA	0	0	
mORF_+_627338	627338	627355	+	2	18	GTG	TGA	0	0	
mORF_+_627371	627371	627391	+	2	21	ATG	TGA	0	0	
mORF_+_627443	627443	627478	+	2	36	ATG	TGA	0	0	

mORF_+_627491	627491	627520	+	2	30	ATG	TGA	0	0	
mORF_+_627572	627572	627580	+	2	9	GTG	TGA	0	0	
mORF_+_627605	627605	627631	+	2	27	ATG	TGA	0	0	
mORF_+_627692	627692	627769	+	2	78	ATG	TGA	0	0	
mORF_+_627744	627744	628520	+	3	777	GTG	TAA	20	292	pORF_+_627744
mORF_+_627793	627793	627804	+	1	12	ATG	TAA	0	0	
mORF_+_627847	627847	627924	+	1	78	TTG	TGA	0	0	
mORF_+_627928	627928	627975	+	1	48	ATG	TAG	0	0	
mORF_+_627959	627959	627979	+	2	21	GTG	TGA	0	0	
mORF_+_628006	628006	628119	+	1	114	ATG	TGA	0	0	
mORF_+_628150	628150	628197	+	1	48	TTG	TGA	0	0	
mORF_+_628198	628198	628227	+	1	30	GTG	TGA	0	0	
mORF_+_628282	628282	628335	+	1	54	ATG	TGA	0	0	
mORF_+_628328	628328	628342	+	2	15	GTG	TGA	0	0	
mORF_+_628339	628339	628575	+	1	237	ATG	TAA	0	0	
mORF_+_628523	628523	628936	+	2	414	ATG	TGA	5	37	pORF_+_628523
mORF_+_628599	628599	628739	+	3	141	TTG	TGA	0	0	
mORF_+_628756	628756	628779	+	1	24	GTG	TAA	0	0	
mORF_+_628758	628758	628766	+	3	9	GTG	TAG	0	0	
mORF_+_628779	628779	628955	+	3	177	ATG	TGA	0	0	
mORF_+_628897	628897	628977	+	1	81	TTG	TAA	0	0	
mORF_+_628952	628952	629008	+	2	57	ATG	TAA	0	0	
mORF_+_629012	629012	629071	+	2	60	TTG	TAG	0	0	
mORF_+_629037	629037	629051	+	3	15	TTG	TAA	0	0	
mORF_+_629053	629053	629307	+	1	255	TTG	TGA	0	0	
mORF_+_629079	629079	629084	+	3	6	ATG	TAA	0	0	
mORF_+_629117	629117	631222	+	2	2106	ATG	TAA	6	22	pORF_+_629117
mORF_+_629172	629172	629195	+	3	24	TTG	TAA	0	0	
mORF_+_629199	629199	629255	+	3	57	GTG	TGA	0	0	
mORF_+_629271	629271	629321	+	3	51	ATG	TGA	0	0	
mORF_+_629355	629355	629468	+	3	114	ATG	TGA	0	0	
mORF_+_629499	629499	629600	+	3	102	GTG	TGA	0	0	
mORF_+_629601	629601	629624	+	3	24	TTG	TGA	0	0	
mORF_+_629640	629640	629657	+	3	18	TTG	TGA	0	0	
mORF_+_629686	629686	629865	+	1	180	GTG	TGA	0	0	
mORF_+_629703	629703	629804	+	3	102	TTG	TGA	0	0	
mORF_+_629862	629862	629885	+	3	24	TTG	TGA	0	0	
mORF_+_629910	629910	629975	+	3	66	TTG	TGA	0	0	
mORF_+_629932	629932	629955	+	1	24	GTG	TGA	0	0	
mORF_+_630054	630054	630149	+	3	96	TTG	TGA	0	0	
mORF_+_630076	630076	630087	+	1	12	ATG	TAA	0	0	
mORF_+_630196	630196	630369	+	1	174	GTG	TAG	0	0	
mORF_+_630213	630213	630224	+	3	12	GTG	TAA	0	0	
mORF_+_630288	630288	630296	+	3	9	TTG	TGA	0	0	
mORF_+_630336	630336	630365	+	3	30	ATG	TGA	0	0	
mORF_+_630408	630408	630512	+	3	105	TTG	TGA	0	0	
mORF_+_630516	630516	630569	+	3	54	ATG	TGA	0	0	
mORF_+_630579	630579	630644	+	3	66	ATG	TGA	0	0	
mORF_+_630688	630688	630750	+	1	63	GTG	TAA	0	0	
mORF_+_630757	630757	630924	+	1	168	GTG	TAG	0	0	
mORF_+_630768	630768	630806	+	3	39	TTG	TGA	0	0	
mORF_+_630813	630813	630836	+	3	24	GTG	TGA	0	0	
mORF_+_630930	630930	630977	+	3	48	ATG	TGA	0	0	
mORF_+_631050	631050	631061	+	3	12	ATG	TAA	0	0	
mORF_+_631119	631119	631130	+	3	12	TTG	TGA	0	0	
mORF_+_631164	631164	631262	+	3	99	ATG	TAG	0	0	
mORF_+_631241	631241	631393	+	2	153	ATG	TAG	0	0	
mORF_+_631299	631299	631316	+	3	18	GTG	TGA	0	0	
mORF_+_631326	631326	631412	+	3	87	TTG	TGA	0	0	
mORF_+_631336	631336	631341	+	1	6	TTG	TAG	0	0	
mORF_+_631405	631405	631602	+	1	198	ATG	TAA	0	0	
mORF_+_631409	631409	631441	+	2	33	TTG	TAG	0	0	
mORF_+_631463	631463	631531	+	2	69	TTG	TGA	0	0	

mORF_+_631550	631550	631684	+	2	135	GTG	TAA	0	0	
mORF_+_631605	631605	631622	+	3	18	TTG	TAA	0	0	
mORF_+_631662	631662	631673	+	3	12	GTG	TGA	0	0	
mORF_+_631684	631684	631809	+	1	126	ATG	TAA	0	0	
mORF_+_631688	631688	631741	+	2	54	ATG	TGA	0	0	
mORF_+_631745	631745	631786	+	2	42	TTG	TGA	0	0	
mORF_+_631770	631770	631775	+	3	6	GTG	TAG	0	0	
mORF_+_631810	631810	632019	+	1	210	TTG	TGA	0	0	
mORF_+_631871	631871	631933	+	2	63	TTG	TGA	0	0	
mORF_+_632016	632016	632105	+	3	90	ATG	TGA	0	0	
mORF_+_632020	632020	632028	+	1	9	TTG	TAA	0	0	
mORF_+_632032	632032	632073	+	1	42	TTG	TAA	0	0	
mORF_+_632087	632087	632278	+	2	192	ATG	TAA	0	0	
mORF_+_632092	632092	632124	+	1	33	TTG	TAG	0	0	
mORF_+_632140	632140	632652	+	1	513	TTG	TGA	0	0	
mORF_+_632214	632214	632222	+	3	9	GTG	TGA	0	0	
mORF_+_632319	632319	632615	+	3	297	GTG	TGA	0	0	
mORF_+_632336	632336	632494	+	2	159	GTG	TGA	0	0	
mORF_+_632546	632546	632581	+	2	36	TTG	TAG	0	0	
mORF_+_632612	632612	632632	+	2	21	GTG	TGA	0	0	
mORF_+_632633	632633	632659	+	2	27	TTG	TAG	0	0	
mORF_+_632649	632649	632663	+	3	15	GTG	TAG	0	0	
mORF_+_632690	632690	632695	+	2	6	TTG	TGA	0	0	
mORF_+_632692	632692	632736	+	1	45	GTG	TAA	0	0	
mORF_+_632699	632699	632728	+	2	30	ATG	TAG	0	0	
mORF_+_632742	632742	632759	+	3	18	TTG	TAG	0	0	
mORF_+_632746	632746	632772	+	1	27	TTG	TAG	0	0	
mORF_+_632772	632772	632819	+	3	48	GTG	TAA	0	0	
mORF_+_632809	632809	633969	+	1	1161	ATG	TAG	9	83	pORF_+_632809
mORF_+_632852	632852	632878	+	2	27	TTG	TGA	0	0	
mORF_+_632933	632933	633007	+	2	75	TTG	TGA	0	0	
mORF_+_633035	633035	633097	+	2	63	TTG	TAA	0	0	
mORF_+_633149	633149	633163	+	2	15	ATG	TGA	0	0	
mORF_+_633165	633165	633173	+	3	9	TTG	TGA	0	0	
mORF_+_633170	633170	633223	+	2	54	TTG	TAG	0	0	
mORF_+_633260	633260	633289	+	2	30	TTG	TAA	0	0	
mORF_+_633335	633335	633529	+	2	195	GTG	TGA	0	0	
mORF_+_633372	633372	633410	+	3	39	GTG	TAG	0	0	
mORF_+_633549	633549	633644	+	3	96	TTG	TGA	0	0	
mORF_+_633551	633551	633604	+	2	54	GTG	TGA	0	0	
mORF_+_633638	633638	633718	+	2	81	TTG	TGA	0	0	
mORF_+_633719	633719	633727	+	2	9	ATG	TAA	0	0	
mORF_+_633728	633728	633832	+	2	105	ATG	TGA	0	0	
mORF_+_633753	633753	633758	+	3	6	GTG	TGA	0	0	
mORF_+_633819	633819	633896	+	3	78	TTG	TAA	0	0	
mORF_+_633914	633914	634000	+	2	87	TTG	TGA	0	0	
mORF_+_633997	633997	634239	+	1	243	TTG	TAA	0	0	
mORF_+_634076	634076	634147	+	2	72	TTG	TGA	0	0	
mORF_+_634187	634187	634195	+	2	9	ATG	TGA	0	0	
mORF_+_634251	634251	634328	+	3	78	ATG	TGA	0	0	
mORF_+_634276	634276	634563	+	1	288	ATG	TAA	0	0	
mORF_+_634304	634304	634414	+	2	111	ATG	TAA	0	0	
mORF_+_634389	634389	634421	+	3	33	GTG	TAG	0	0	
mORF_+_634499	634499	634663	+	2	165	ATG	TAA	0	0	
mORF_+_634579	634579	634605	+	1	27	TTG	TGA	0	0	
mORF_+_634654	634654	634686	+	1	33	GTG	TAA	0	0	
mORF_+_634664	634664	634696	+	2	33	ATG	TGA	0	0	
mORF_+_634693	634693	634788	+	1	96	TTG	TGA	0	0	
mORF_+_634752	634752	634865	+	3	114	TTG	TAA	0	0	
mORF_+_634763	634763	634855	+	2	93	GTG	TGA	0	0	
mORF_+_634804	634804	634824	+	1	21	ATG	TAA	0	0	
mORF_+_634846	634846	634920	+	1	75	ATG	TAG	0	0	
mORF_+_634865	634865	634900	+	2	36	ATG	TGA	0	0	

mORF_+_634875	634875	634886	+	3	12	TTG	TAA	0	0
mORF_+_634887	634887	635024	+	3	138	ATG	TAA	0	0
mORF_+_634927	634927	634944	+	1	18	TTG	TAA	0	0
mORF_+_634945	634945	635013	+	1	69	ATG	TGA	0	0
mORF_+_634973	634973	634984	+	2	12	GTG	TAG	0	0
mORF_+_635028	635028	635099	+	3	72	TTG	TAG	0	0
mORF_+_635108	635108	635215	+	2	108	GTG	TAG	0	0
mORF_+_635113	635113	635127	+	1	15	TTG	TGA	0	0
mORF_+_635124	635124	635252	+	3	129	TTG	TAA	0	0
mORF_+_635173	635173	635181	+	1	9	ATG	TAA	0	0
mORF_+_635182	635182	635196	+	1	15	ATG	TGA	0	0
mORF_+_635260	635260	635280	+	1	21	ATG	TAG	0	0
mORF_+_635296	635296	635385	+	1	90	ATG	TAA	0	0
mORF_+_635325	635325	635330	+	3	6	TTG	TGA	0	0
mORF_+_635327	635327	635503	+	2	177	GTG	TAA	0	0
mORF_+_635358	635358	635483	+	3	126	TTG	TGA	0	0
mORF_+_635493	635493	635669	+	3	177	TTG	TAA	0	0
mORF_+_635533	635533	635565	+	1	33	ATG	TGA	0	0
mORF_+_635575	635575	635784	+	1	210	ATG	TAA	0	0
mORF_+_635693	635693	635722	+	2	30	ATG	TGA	0	0
mORF_+_635723	635723	635734	+	2	12	GTG	TAA	0	0
mORF_+_635744	635744	635764	+	2	21	GTG	TGA	0	0
mORF_+_635820	635820	635855	+	3	36	GTG	TAA	0	0
mORF_+_635827	635827	635835	+	1	9	GTG	TAA	0	0
mORF_+_635871	635871	635897	+	3	27	GTG	TGA	0	0
mORF_+_635894	635894	635905	+	2	12	GTG	TAG	0	0
mORF_+_635906	635906	635956	+	2	51	ATG	TAG	0	0
mORF_+_636012	636012	636017	+	3	6	ATG	TAA	0	0
mORF_+_636025	636025	636066	+	1	42	TTG	TAA	0	0
mORF_+_636038	636038	636046	+	2	9	ATG	TAG	0	0
mORF_+_636129	636129	636209	+	3	81	ATG	TGA	0	0
mORF_+_636142	636142	636186	+	1	45	TTG	TAA	0	0
mORF_+_636206	636206	636229	+	2	24	TTG	TGA	0	0
mORF_+_636242	636242	636319	+	2	78	TTG	TAG	0	0
mORF_+_636246	636246	636275	+	3	30	GTG	TAA	0	0
mORF_+_636276	636276	636407	+	3	132	GTG	TGA	0	0
mORF_+_636295	636295	636354	+	1	60	GTG	TGA	0	0
mORF_+_636335	636335	636436	+	2	102	ATG	TGA	0	0
mORF_+_636438	636438	636527	+	3	90	ATG	TGA	0	0
mORF_+_636449	636449	636484	+	2	36	ATG	TAG	0	0
mORF_+_636567	636567	636620	+	3	54	TTG	TGA	0	0
mORF_+_636580	636580	636600	+	1	21	TTG	TGA	0	0
mORF_+_636584	636584	636631	+	2	48	TTG	TAA	0	0
mORF_+_636637	636637	636672	+	1	36	TTG	TGA	0	0
mORF_+_636669	636669	636779	+	3	111	ATG	TAA	0	0
mORF_+_636689	636689	636700	+	2	12	TTG	TAA	0	0
mORF_+_636704	636704	636709	+	2	6	TTG	TAA	0	0
mORF_+_636727	636727	636735	+	1	9	ATG	TGA	0	0
mORF_+_636742	636742	636762	+	1	21	GTG	TAA	0	0
mORF_+_636770	636770	636808	+	2	39	ATG	TAA	0	0
mORF_+_636792	636792	636830	+	3	39	ATG	TAG	0	0
mORF_+_636834	636834	636872	+	3	39	TTG	TGA	0	0
mORF_+_636869	636869	636916	+	2	48	ATG	TGA	0	0
mORF_+_636889	636889	636945	+	1	57	ATG	TAA	0	0
mORF_+_636927	636927	637112	+	3	186	TTG	TAG	0	0
mORF_+_636991	636991	637002	+	1	12	ATG	TAG	0	0
mORF_+_637004	637004	637066	+	2	63	ATG	TAA	0	0
mORF_+_637066	637066	637086	+	1	21	ATG	TGA	0	0
mORF_+_637129	637129	637134	+	1	6	ATG	TAA	0	0
mORF_+_637147	637147	637443	+	1	297	GTG	TAG	0	0
mORF_+_637154	637154	637240	+	2	87	TTG	TAA	0	0
mORF_+_637203	637203	637235	+	3	33	TTG	TAG	0	0
mORF_+_637263	637263	637358	+	3	96	TTG	TAA	0	0

mORF_+_637277	637277	637333	+	2	57	TTG	TGA	0	0		
mORF_+_637349	637349	637450	+	2	102	ATG	TGA	0	0		
mORF_+_637359	637359	637778	+	3	420	TTG	TAA	0	0		
mORF_+_637447	637447	637530	+	1	84	ATG	TAA	0	0		
mORF_+_637523	637523	637546	+	2	24	GTG	TAA	0	0		
mORF_+_637547	637547	637597	+	2	51	GTG	TAG	0	0		
mORF_+_637549	637549	637587	+	1	39	GTG	TAA	0	0		
mORF_+_637624	637624	637644	+	1	21	ATG	TGA	0	0		
mORF_+_637685	637685	637693	+	2	9	ATG	TGA	0	0		
mORF_+_637690	637690	637833	+	1	144	TTG	TAA	0	0		
mORF_+_637697	637697	637702	+	2	6	TTG	TAA	0	0		
mORF_+_637757	637757	637858	+	2	102	TTG	TAG	0	0		
mORF_+_637876	637876	637896	+	1	21	GTG	TGA	0	0		
mORF_+_637880	637880	637963	+	2	84	TTG	TGA	0	0		
mORF_+_637887	637887	637907	+	3	21	TTG	TAA	0	0		
mORF_+_637911	637911	637931	+	3	21	ATG	TAA	0	0		
mORF_+_638037	638037	638078	+	3	42	GTG	TAA	0	0		
mORF_+_638054	638054	638110	+	2	57	TTG	TAG	0	0		
mORF_+_638068	638068	638073	+	1	6	TTG	TAA	0	0		
mORF_+_638126	638126	638167	+	2	42	TTG	TAG	0	0		
mORF_+_638168	638168	638731	+	2	564	ATG	TAA	124	5888	pORF_+_638168	
mORF_+_638305	638305	638325	+	1	21	ATG	TGA	0	0		
mORF_+_638322	638322	638366	+	3	45	GTG	TAG	0	0		
mORF_+_638410	638410	638427	+	1	18	ATG	TGA	0	0		
mORF_+_638448	638448	638456	+	3	9	ATG	TGA	0	0		
mORF_+_638502	638502	638642	+	3	141	GTG	TAG	0	0		
mORF_+_638655	638655	638756	+	3	102	GTG	TAG	0	0		
mORF_+_638662	638662	638673	+	1	12	TTG	TAA	0	0		
mORF_+_638674	638674	638688	+	1	15	ATG	TGA	0	0		
mORF_+_638762	638762	638800	+	2	39	TTG	TAA	0	0		
mORF_+_638793	638793	638837	+	3	45	TTG	TGA	0	0		
mORF_+_638873	638873	638908	+	2	36	GTG	TGA	0	0		
mORF_+_638905	638905	638928	+	1	24	ATG	TAG	0	0		
mORF_+_638942	638942	638959	+	2	18	TTG	TAA	0	0		
mORF_+_638946	638946	640541	+	3	1596	ATG	TAA	101	1112	pORF_+_638946	
mORF_+_639016	639016	639027	+	1	12	TTG	TGA	0	0		
mORF_+_639037	639037	639045	+	1	9	TTG	TAA	0	0		
mORF_+_639046	639046	639174	+	1	129	TTG	TGA	0	0		
mORF_+_639208	639208	639393	+	1	186	TTG	TGA	0	0		
mORF_+_639260	639260	639322	+	2	63	GTG	TGA	0	0		
mORF_+_639359	639359	639439	+	2	81	TTG	TGA	0	0		
mORF_+_639436	639436	639480	+	1	45	TTG	TGA	0	0		
mORF_+_639517	639517	639534	+	1	18	TTG	TGA	0	0		
mORF_+_639550	639550	639597	+	1	48	TTG	TGA	0	0		
mORF_+_639604	639604	639624	+	1	21	GTG	TAA	0	0		
mORF_+_639646	639646	639696	+	1	51	GTG	TGA	0	0		
mORF_+_639709	639709	639795	+	1	87	TTG	TGA	0	0		
mORF_+_639805	639805	639828	+	1	24	TTG	TGA	0	0		
mORF_+_639868	639868	639915	+	1	48	TTG	TGA	0	0		
mORF_+_639943	639943	639963	+	1	21	GTG	TGA	0	0		
mORF_+_639950	639950	640036	+	2	87	ATG	TAA	0	0		
mORF_+_640090	640090	640119	+	1	30	TTG	TAA	0	0		
mORF_+_640132	640132	640146	+	1	15	TTG	TGA	0	0		
mORF_+_640207	640207	640227	+	1	21	ATG	TGA	0	0		
mORF_+_640249	640249	640416	+	1	168	TTG	TGA	0	0		
mORF_+_640400	640400	640438	+	2	39	ATG	TGA	0	0		
mORF_+_640435	640435	640503	+	1	69	GTG	TGA	0	0		
mORF_+_640504	640504	640521	+	1	18	GTG	TGA	0	0		
mORF_+_640565	640565	640717	+	2	153	TTG	TAG	0	0		
mORF_+_640602	640602	640724	+	3	123	ATG	TAA	0	0		
mORF_+_640687	640687	640980	+	1	294	TTG	TGA	0	0		
mORF_+_640728	640728	640964	+	3	237	ATG	TGA	0	0		
mORF_+_640742	640742	640762	+	2	21	ATG	TAA	0	0		

mORF_+_640892	640892	640993	+	2	102	GTG	TAA	0	0
mORF_+_640977	640977	640985	+	3	9	GTG	TAG	0	0
mORF_+_640986	640986	641192	+	3	207	ATG	TGA	0	0
mORF_+_641035	641035	641109	+	1	75	TTG	TAA	0	0
mORF_+_641078	641078	641092	+	2	15	TTG	TAA	0	0
mORF_+_641156	641156	641281	+	2	126	TTG	TGA	0	0
mORF_+_641235	641235	641261	+	3	27	GTG	TGA	0	0
mORF_+_641289	641289	641378	+	3	90	TTG	TGA	0	0
mORF_+_641311	641311	642549	+	1	1239	ATG	TGA	0	0
mORF_+_641357	641357	641509	+	2	153	ATG	TAG	0	0
mORF_+_641510	641510	641530	+	2	21	TTG	TAA	0	0
mORF_+_641573	641573	641914	+	2	342	TTG	TGA	0	0
mORF_+_641577	641577	641642	+	3	66	TTG	TAA	0	0
mORF_+_641835	641835	641963	+	3	129	ATG	TGA	0	0
mORF_+_641924	641924	642094	+	2	171	GTG	TAA	0	0
mORF_+_642110	642110	642145	+	2	36	TTG	TGA	0	0
mORF_+_642189	642189	642224	+	3	36	GTG	TAG	0	0
mORF_+_642194	642194	642349	+	2	156	TTG	TAA	0	0
mORF_+_642324	642324	642353	+	3	30	ATG	TGA	0	0
mORF_+_642350	642350	642367	+	2	18	TTG	TGA	0	0
mORF_+_642380	642380	642463	+	2	84	TTG	TGA	0	0
mORF_+_642450	642450	642458	+	3	9	GTG	TAA	0	0
mORF_+_642476	642476	642523	+	2	48	GTG	TGA	0	0
mORF_+_642524	642524	642574	+	2	51	ATG	TAA	0	0
mORF_+_642546	642546	642587	+	3	42	ATG	TGA	0	0
mORF_+_642559	642559	642687	+	1	129	GTG	TGA	0	0
mORF_+_642584	642584	642628	+	2	45	ATG	TAA	0	0
mORF_+_642630	642630	643091	+	3	462	ATG	TAA	0	0
mORF_+_642641	642641	642670	+	2	30	ATG	TAA	0	0
mORF_+_642691	642691	642714	+	1	24	GTG	TGA	0	0
mORF_+_642730	642730	642783	+	1	54	ATG	TAA	0	0
mORF_+_642842	642842	642922	+	2	81	TTG	TAA	0	0
mORF_+_642871	642871	642933	+	1	63	ATG	TGA	0	0
mORF_+_642937	642937	643119	+	1	183	TTG	TAG	0	0
mORF_+_642953	642953	642997	+	2	45	TTG	TAA	0	0
mORF_+_643025	643025	643168	+	2	144	TTG	TAA	0	0
mORF_+_643125	643125	643316	+	3	192	TTG	TGA	0	0
mORF_+_643144	643144	643230	+	1	87	ATG	TAA	0	0
mORF_+_643178	643178	643363	+	2	186	TTG	TAA	0	0
mORF_+_643297	643297	643311	+	1	15	TTG	TGA	0	0
mORF_+_643318	643318	643398	+	1	81	TTG	TAG	0	0
mORF_+_643344	643344	643370	+	3	27	ATG	TAA	0	0
mORF_+_643376	643376	643423	+	2	48	TTG	TAA	0	0
mORF_+_643383	643383	643511	+	3	129	ATG	TGA	0	0
mORF_+_643405	643405	643410	+	1	6	TTG	TAA	0	0
mORF_+_643451	643451	643471	+	2	21	TTG	TGA	0	0
mORF_+_643468	643468	643488	+	1	21	GTG	TGA	0	0
mORF_+_643508	643508	643537	+	2	30	TTG	TGA	0	0
mORF_+_643610	643610	643657	+	2	48	TTG	TAA	0	0
mORF_+_643699	643699	643824	+	1	126	TTG	TAG	0	0
mORF_+_643728	643728	643814	+	3	87	ATG	TGA	0	0
mORF_+_643763	643763	643777	+	2	15	TTG	TAG	0	0
mORF_+_643811	643811	644077	+	2	267	ATG	TGA	0	0
mORF_+_643842	643842	643916	+	3	75	GTG	TAG	0	0
mORF_+_643993	643993	644157	+	1	165	ATG	TAA	0	0
mORF_+_644142	644142	644228	+	3	87	TTG	TAA	0	0
mORF_+_644162	644162	644269	+	2	108	TTG	TAA	0	0
mORF_+_644232	644232	644255	+	3	24	GTG	TGA	0	0
mORF_+_644290	644290	644343	+	1	54	GTG	TAG	0	0
mORF_+_644309	644309	644386	+	2	78	GTG	TAG	0	0
mORF_+_644328	644328	644435	+	3	108	TTG	TGA	0	0
mORF_+_644350	644350	644394	+	1	45	ATG	TAA	0	0
mORF_+_644408	644408	644461	+	2	54	TTG	TAA	0	0

mORF_+_644477	644477	644503	+	2	27	TTG	TGA	0	0	
mORF_+_644500	644500	644628	+	1	129	ATG	TAG	0	0	
mORF_+_644535	644535	644678	+	3	144	TTG	TGA	0	0	
mORF_+_644543	644543	644581	+	2	39	TTG	TAA	0	0	
mORF_+_644594	644594	644725	+	2	132	TTG	TAA	0	0	
mORF_+_644691	644691	644846	+	3	156	GTG	TAG	0	0	
mORF_+_644701	644701	644802	+	1	102	ATG	TAG	0	0	
mORF_+_644765	644765	644776	+	2	12	TTG	TGA	0	0	
mORF_+_644780	644780	644809	+	2	30	GTG	TAA	0	0	
mORF_+_644809	644809	645039	+	1	231	ATG	TAG	0	0	
mORF_+_644936	644936	645016	+	2	81	GTG	TGA	0	0	
mORF_+_645009	645009	645266	+	3	258	GTG	TGA	0	0	
mORF_+_645055	645055	645228	+	1	174	ATG	TAG	0	0	
mORF_+_645158	645158	645175	+	2	18	TTG	TGA	0	0	
mORF_+_645263	645263	645271	+	2	9	ATG	TAA	0	0	
mORF_+_645292	645292	645378	+	1	87	ATG	TAA	0	0	
mORF_+_645335	645335	645340	+	2	6	GTG	TAA	0	0	
mORF_+_645344	645344	645364	+	2	21	GTG	TAA	0	0	
mORF_+_645391	645391	645591	+	1	201	GTG	TAA	0	0	
mORF_+_645461	645461	645472	+	2	12	ATG	TAA	0	0	
mORF_+_645473	645473	645550	+	2	78	ATG	TAA	0	0	
mORF_+_645540	645540	645566	+	3	27	TTG	TAA	0	0	
mORF_+_645638	645638	645736	+	2	99	TTG	TAA	0	0	
mORF_+_645661	645661	645696	+	1	36	ATG	TAA	0	0	
mORF_+_645696	645696	645773	+	3	78	ATG	TAG	0	0	
mORF_+_645742	645742	645849	+	1	108	ATG	TAA	0	0	
mORF_+_645761	645761	645823	+	2	63	GTG	TAA	0	0	
mORF_+_645842	645842	645853	+	2	12	GTG	TAA	0	0	
mORF_+_645862	645862	645879	+	1	18	GTG	TAA	0	0	
mORF_+_645975	645975	646124	+	3	150	ATG	TGA	1	3	pORF_+_645975
mORF_+_645986	645986	645994	+	2	9	TTG	TAA	0	0	
mORF_+_645994	645994	646068	+	1	75	ATG	TGA	0	0	
mORF_+_645998	645998	646015	+	2	18	TTG	TAG	0	0	
mORF_+_646099	646099	646137	+	1	39	ATG	TGA	0	0	
mORF_+_646134	646134	646142	+	3	9	GTG	TAA	0	0	
mORF_+_646142	646142	646249	+	2	108	ATG	TGA	0	0	
mORF_+_646158	646158	646175	+	3	18	TTG	TAA	0	0	
mORF_+_646168	646168	646206	+	1	39	GTG	TAA	0	0	
mORF_+_646246	646246	646305	+	1	60	GTG	TAG	0	0	
mORF_+_646254	646254	646343	+	3	90	TTG	TGA	0	0	
mORF_+_646315	646315	646338	+	1	24	TTG	TGA	0	0	
mORF_+_646331	646331	646369	+	2	39	TTG	TAG	0	0	
mORF_+_646357	646357	646518	+	1	162	TTG	TGA	0	0	
mORF_+_646386	646386	646538	+	3	153	ATG	TGA	0	0	
mORF_+_646397	646397	646462	+	2	66	ATG	TAA	0	0	
mORF_+_646466	646466	646528	+	2	63	GTG	TAG	0	0	
mORF_+_646556	646556	646627	+	2	72	GTG	TGA	0	0	
mORF_+_646581	646581	646763	+	3	183	TTG	TAA	0	0	
mORF_+_646624	646624	646635	+	1	12	GTG	TGA	0	0	
mORF_+_646684	646684	646710	+	1	27	ATG	TAG	0	0	
mORF_+_646711	646711	646776	+	1	66	TTG	TGA	0	0	
mORF_+_646742	646742	646759	+	2	18	GTG	TGA	0	0	
mORF_+_646773	646773	646844	+	3	72	TTG	TGA	0	0	
mORF_+_646841	646841	646948	+	2	108	GTG	TGA	0	0	
mORF_+_646914	646914	647048	+	3	135	ATG	TAA	0	0	
mORF_+_646933	646933	647022	+	1	90	ATG	TGA	0	0	
mORF_+_647006	647006	647077	+	2	72	GTG	TAA	0	0	
mORF_+_647070	647070	647219	+	3	150	ATG	TGA	0	0	
mORF_+_647087	647087	647092	+	2	6	GTG	TGA	0	0	
mORF_+_647089	647089	647277	+	1	189	GTG	TGA	0	0	
mORF_+_647141	647141	647161	+	2	21	GTG	TGA	0	0	
mORF_+_647177	647177	647200	+	2	24	GTG	TGA	0	0	
mORF_+_647216	647216	647338	+	2	123	TTG	TGA	0	0	

mORF_+_647226	647226	648620	+	3	1395	ATG	TAA	1	5	pORF_+_647226
mORF_+_647335	647335	647607	+	1	273	GTG	TGA	0	0	
mORF_+_647351	647351	647410	+	2	60	GTG	TAA	0	0	
mORF_+_647447	647447	647458	+	2	12	GTG	TAA	0	0	
mORF_+_647659	647659	647769	+	1	111	TTG	TGA	0	0	
mORF_+_647717	647717	647740	+	2	24	ATG	TAG	0	0	
mORF_+_647770	647770	647997	+	1	228	TTG	TAG	0	0	
mORF_+_647951	647951	647992	+	2	42	ATG	TGA	0	0	
mORF_+_648004	648004	648132	+	1	129	TTG	TGA	0	0	
mORF_+_648086	648086	648115	+	2	30	TTG	TGA	0	0	
mORF_+_648142	648142	648165	+	1	24	ATG	TAA	0	0	
mORF_+_648146	648146	648184	+	2	39	TTG	TAA	0	0	
mORF_+_648200	648200	648448	+	2	249	TTG	TAA	0	0	
mORF_+_648205	648205	648228	+	1	24	TTG	TAG	0	0	
mORF_+_648256	648256	648261	+	1	6	GTG	TAG	0	0	
mORF_+_648265	648265	648360	+	1	96	TTG	TGA	0	0	
mORF_+_648439	648439	648591	+	1	153	ATG	TGA	0	0	
mORF_+_648607	648607	648690	+	1	84	ATG	TAG	0	0	
mORF_+_648693	648693	648866	+	3	174	TTG	TAA	0	0	
mORF_+_648698	648698	648799	+	2	102	TTG	TGA	0	0	
mORF_+_648796	648796	649842	+	1	1047	TTG	TAG	0	0	
mORF_+_648800	648800	648958	+	2	159	TTG	TGA	0	0	
mORF_+_648978	648978	649019	+	3	42	GTG	TGA	0	0	
mORF_+_648989	648989	649009	+	2	21	TTG	TGA	0	0	
mORF_+_649016	649016	649102	+	2	87	TTG	TAG	0	0	
mORF_+_649148	649148	649216	+	2	69	ATG	TAG	0	0	
mORF_+_649158	649158	649283	+	3	126	GTG	TAA	0	0	
mORF_+_649319	649319	649390	+	2	72	GTG	TGA	0	0	
mORF_+_649481	649481	649537	+	2	57	TTG	TAA	0	0	
mORF_+_649541	649541	649615	+	2	75	ATG	TAG	0	0	
mORF_+_649569	649569	649619	+	3	51	ATG	TGA	0	0	
mORF_+_649616	649616	649909	+	2	294	ATG	TGA	0	0	
mORF_+_649713	649713	649784	+	3	72	TTG	TAA	0	0	
mORF_+_649861	649861	650097	+	1	237	ATG	TGA	0	0	
mORF_+_649911	649911	650039	+	3	129	TTG	TGA	0	0	
mORF_+_649937	649937	650491	+	2	555	GTG	TAA	0	0	
mORF_+_650094	650094	650150	+	3	57	GTG	TGA	0	0	
mORF_+_650214	650214	650252	+	3	39	ATG	TAG	0	0	
mORF_+_650221	650221	650232	+	1	12	GTG	TAG	0	0	
mORF_+_650265	650265	650315	+	3	51	TTG	TGA	0	0	
mORF_+_650370	650370	650375	+	3	6	GTG	TAA	0	0	
mORF_+_650385	650385	650411	+	3	27	ATG	TAG	0	0	
mORF_+_650433	650433	650516	+	3	84	ATG	TAG	0	0	
mORF_+_650467	650467	650541	+	1	75	GTG	TGA	0	0	
mORF_+_650538	650538	650585	+	3	48	TTG	TGA	0	0	
mORF_+_650552	650552	650851	+	2	300	ATG	TAA	0	0	
mORF_+_650569	650569	650610	+	1	42	GTG	TAA	0	0	
mORF_+_650616	650616	650657	+	3	42	TTG	TGA	0	0	
mORF_+_650697	650697	650795	+	3	99	GTG	TAA	0	0	
mORF_+_650808	650808	650825	+	3	18	GTG	TAG	0	0	
mORF_+_650844	650844	651149	+	3	306	GTG	TGA	0	0	
mORF_+_650851	650851	650889	+	1	39	ATG	TGA	0	0	
mORF_+_651002	651002	651043	+	2	42	ATG	TGA	0	0	
mORF_+_651103	651103	651240	+	1	138	ATG	TGA	0	0	
mORF_+_651167	651167	651184	+	2	18	TTG	TGA	0	0	
mORF_+_651237	651237	651248	+	3	12	GTG	TGA	0	0	
mORF_+_651245	651245	651262	+	2	18	TTG	TAG	0	0	
mORF_+_651268	651268	651309	+	1	42	GTG	TAA	0	0	
mORF_+_651287	651287	651325	+	2	39	ATG	TGA	0	0	
mORF_+_651309	651309	651314	+	3	6	ATG	TAA	0	0	
mORF_+_651322	651322	651342	+	1	21	ATG	TGA	0	0	
mORF_+_651339	651339	651347	+	3	9	GTG	TAA	0	0	
mORF_+_651348	651348	651356	+	3	9	TTG	TAA	0	0	

mORF+_651356	651356	651385	+	2	30	ATG	TAA	0	0	
mORF+_651367	651367	651381	+	1	15	TTG	TAA	0	0	
mORF+_651391	651391	651414	+	1	24	ATG	TAA	0	0	
mORF+_651398	651398	653116	+	2	1719	TTG	TGA	0	0	
mORF+_651486	651486	651533	+	3	48	TTG	TGA	0	0	
mORF+_651552	651552	651605	+	3	54	TTG	TAA	0	0	
mORF+_651612	651612	651632	+	3	21	ATG	TGA	0	0	
mORF+_651648	651648	651680	+	3	33	TTG	TGA	0	0	
mORF+_651687	651687	651755	+	3	69	GTG	TGA	0	0	
mORF+_651756	651756	651965	+	3	210	TTG	TGA	0	0	
mORF+_652011	652011	652031	+	3	21	GTG	TAG	0	0	
mORF+_652051	652051	652143	+	1	93	GTG	TAG	0	0	
mORF+_652152	652152	652163	+	3	12	ATG	TGA	0	0	
mORF+_652164	652164	652229	+	3	66	TTG	TGA	0	0	
mORF+_652246	652246	652257	+	1	12	ATG	TAA	0	0	
mORF+_652263	652263	652349	+	3	87	TTG	TGA	0	0	
mORF+_652356	652356	652454	+	3	99	TTG	TGA	0	0	
mORF+_652473	652473	652544	+	3	72	TTG	TGA	0	0	
mORF+_652510	652510	652554	+	1	45	TTG	TGA	0	0	
mORF+_652551	652551	652691	+	3	141	ATG	TAA	0	0	
mORF+_652701	652701	652868	+	3	168	TTG	TGA	0	0	
mORF+_652869	652869	652985	+	3	117	TTG	TGA	0	0	
mORF+_652986	652986	653000	+	3	15	TTG	TAA	0	0	
mORF+_653010	653010	653078	+	3	69	GTG	TGA	0	0	
mORF+_653085	653085	653765	+	3	681	ATG	TGA	2	5	pORF+_653085
mORF+_653113	653113	653217	+	1	105	TTG	TGA	0	0	
mORF+_653293	653293	653439	+	1	147	ATG	TAA	0	0	
mORF+_653378	653378	653392	+	2	15	TTG	TGA	0	0	
mORF+_653476	653476	653571	+	1	96	TTG	TGA	0	0	
mORF+_653608	653608	653646	+	1	39	GTG	TGA	0	0	
mORF+_653677	653677	653703	+	1	27	TTG	TGA	0	0	
mORF+_653684	653684	653713	+	2	30	TTG	TGA	0	0	
mORF+_653707	653707	653991	+	1	285	TTG	TGA	0	0	
mORF+_653762	653762	653770	+	2	9	GTG	TGA	0	0	
mORF+_653787	653787	653819	+	3	33	TTG	TGA	0	0	
mORF+_653810	653810	654076	+	2	267	TTG	TAA	0	0	
mORF+_653988	653988	654011	+	3	24	TTG	TAG	0	0	
mORF+_654040	654040	654093	+	1	54	GTG	TGA	0	0	
mORF+_654086	654086	654193	+	2	108	TTG	TGA	0	0	
mORF+_654117	654117	654149	+	3	33	TTG	TGA	0	0	
mORF+_654190	654190	654390	+	1	201	TTG	TAA	0	0	
mORF+_654203	654203	654220	+	2	18	ATG	TGA	0	0	
mORF+_654344	654344	654457	+	2	114	ATG	TAA	0	0	
mORF+_654391	654391	654495	+	1	105	TTG	TAA	0	0	
mORF+_654470	654470	654505	+	2	36	GTG	TGA	0	0	
mORF+_654502	654502	654582	+	1	81	ATG	TGA	0	0	
mORF+_654509	654509	654532	+	2	24	ATG	TAA	0	0	
mORF+_654560	654560	654823	+	2	264	ATG	TAG	0	0	
mORF+_654570	654570	654587	+	3	18	TTG	TAG	0	0	
mORF+_654634	654634	654660	+	1	27	TTG	TGA	0	0	
mORF+_654666	654666	654677	+	3	12	GTG	TAA	0	0	
mORF+_654753	654753	654854	+	3	102	TTG	TAA	0	0	
mORF+_654864	654864	654884	+	3	21	ATG	TGA	0	0	
mORF+_654881	654881	654919	+	2	39	TTG	TAA	0	0	
mORF+_654907	654907	654978	+	1	72	ATG	TAG	0	0	
mORF+_654950	654950	655018	+	2	69	ATG	TAG	0	0	
mORF+_655023	655023	655061	+	3	39	TTG	TAA	0	0	
mORF+_655049	655049	655135	+	2	87	TTG	TAG	0	0	
mORF+_655051	655051	655083	+	1	33	GTG	TAA	0	0	
mORF+_655178	655178	655225	+	2	48	ATG	TAA	0	0	
mORF+_655182	655182	655193	+	3	12	ATG	TAA	0	0	
mORF+_655256	655256	655288	+	2	33	ATG	TAA	0	0	
mORF+_655278	655278	655310	+	3	33	ATG	TAA	0	0	

mORF_+_655315	655315	655359	+	1	45	TTG	TAG	0	0	
mORF_+_655363	655363	655380	+	1	18	TTG	TAA	0	0	
mORF_+_655383	655383	655397	+	3	15	ATG	TGA	0	0	
mORF_+_655385	655385	655408	+	2	24	GTG	TGA	0	0	
mORF_+_655387	655387	655422	+	1	36	GTG	TAA	0	0	
mORF_+_655416	655416	655472	+	3	57	TTG	TGA	0	0	
mORF_+_655423	655423	655437	+	1	15	TTG	TAG	0	0	
mORF_+_655469	655469	655483	+	2	15	ATG	TGA	0	0	
mORF_+_655480	655480	655530	+	1	51	TTG	TAA	0	0	
mORF_+_655514	655514	655537	+	2	24	TTG	TAA	0	0	
mORF_+_655550	655550	655657	+	2	108	TTG	TGA	0	0	
mORF_+_655554	655554	655595	+	3	42	TTG	TGA	0	0	
mORF_+_655561	655561	655671	+	1	111	TTG	TAA	0	0	
mORF_+_655635	655635	655652	+	3	18	ATG	TAA	0	0	
mORF_+_655699	655699	655725	+	1	27	ATG	TAA	0	0	
mORF_+_655719	655719	655745	+	3	27	ATG	TAG	0	0	
mORF_+_655726	655726	655731	+	1	6	TTG	TAG	0	0	
mORF_+_655739	655739	655759	+	2	21	ATG	TGA	0	0	
mORF_+_655756	655756	656340	+	1	585	TTG	TGA	0	0	
mORF_+_655763	655763	655783	+	2	21	ATG	TGA	0	0	
mORF_+_655770	655770	655793	+	3	24	ATG	TAA	0	0	
mORF_+_655796	655796	655831	+	2	36	ATG	TAA	0	0	
mORF_+_655838	655838	655873	+	2	36	TTG	TGA	0	0	
mORF_+_655866	655866	655883	+	3	18	GTG	TAG	0	0	
mORF_+_655892	655892	656164	+	2	273	TTG	TAG	0	0	
mORF_+_656004	656004	656039	+	3	36	GTG	TGA	0	0	
mORF_+_656085	656085	656150	+	3	66	GTG	TGA	0	0	
mORF_+_656252	656252	656263	+	2	12	ATG	TGA	0	0	
mORF_+_656300	656300	656425	+	2	126	ATG	TAG	0	0	
mORF_+_656337	656337	656357	+	3	21	TTG	TAG	0	0	
mORF_+_656456	656456	656470	+	2	15	TTG	TAA	0	0	
mORF_+_656483	656483	656503	+	2	21	TTG	TAA	0	0	
mORF_+_656485	656485	656724	+	1	240	GTG	TAA	33	1081	pORF_+_656485
mORF_+_656541	656541	656549	+	3	9	GTG	TAA	0	0	
mORF_+_656549	656549	656665	+	2	117	ATG	TAG	0	0	
mORF_+_656684	656684	656713	+	2	30	GTG	TAA	0	0	
mORF_+_656771	656771	656848	+	2	78	TTG	TGA	0	0	
mORF_+_656781	656781	656792	+	3	12	GTG	TGA	0	0	
mORF_+_656824	656824	657072	+	1	249	ATG	TGA	0	0	
mORF_+_656864	656864	656956	+	2	93	ATG	TGA	0	0	
mORF_+_656886	656886	656891	+	3	6	TTG	TAA	0	0	
mORF_+_657002	657002	657022	+	2	21	ATG	TGA	0	0	
mORF_+_657026	657026	657085	+	2	60	ATG	TAA	0	0	
mORF_+_657072	657072	657098	+	3	27	ATG	TAA	0	0	
mORF_+_657153	657153	657158	+	3	6	TTG	TAA	0	0	
mORF_+_657178	657178	657213	+	1	36	TTG	TAA	0	0	
mORF_+_657183	657183	657194	+	3	12	TTG	TGA	0	0	
mORF_+_657191	657191	657241	+	2	51	GTG	TGA	0	0	
mORF_+_657198	657198	657203	+	3	6	GTG	TAA	0	0	
mORF_+_657220	657220	657309	+	1	90	TTG	TGA	0	0	
mORF_+_657248	657248	657481	+	2	234	GTG	TGA	0	0	
mORF_+_657261	657261	657326	+	3	66	TTG	TGA	0	0	
mORF_+_657313	657313	657393	+	1	81	TTG	TGA	0	0	
mORF_+_657360	657360	657470	+	3	111	TTG	TAA	0	0	
mORF_+_657478	657478	658041	+	1	564	ATG	TGA	0	0	
mORF_+_657503	657503	657673	+	2	171	ATG	TGA	0	0	
mORF_+_657528	657528	657596	+	3	69	ATG	TGA	0	0	
mORF_+_657695	657695	657898	+	2	204	ATG	TAG	0	0	
mORF_+_657861	657861	658106	+	3	246	GTG	TGA	0	0	
mORF_+_657905	657905	657961	+	2	57	TTG	TGA	0	0	
mORF_+_657971	657971	658006	+	2	36	GTG	TAA	0	0	
mORF_+_658019	658019	658063	+	2	45	TTG	TGA	0	0	
mORF_+_658060	658060	658113	+	1	54	TTG	TAA	0	0	

mORF+_658070	658070	658177	+	2	108	TTG	TGA	0	0	
mORF+_658153	658153	658203	+	1	51	ATG	TAG	0	0	
mORF+_658170	658170	658373	+	3	204	ATG	TGA	2	4	pORF+_658170
mORF+_658204	658204	658299	+	1	96	TTG	TGA	0	0	
mORF+_658300	658300	658458	+	1	159	ATG	TAA	0	0	
mORF+_658370	658370	658462	+	2	93	GTG	TAA	0	0	
mORF+_658510	658510	658662	+	1	153	GTG	TAA	0	0	
mORF+_658539	658539	658553	+	3	15	ATG	TAA	0	0	
mORF+_658635	658635	658706	+	3	72	TTG	TAA	0	0	
mORF+_658675	658675	659523	+	1	849	ATG	TAA	0	0	
mORF+_658715	658715	658810	+	2	96	TTG	TAA	0	0	
mORF+_658865	658865	659053	+	2	189	TTG	TAA	0	0	
mORF+_658878	658878	658952	+	3	75	GTG	TGA	0	0	
mORF+_659072	659072	659491	+	2	420	ATG	TAG	0	0	
mORF+_659184	659184	659201	+	3	18	TTG	TGA	0	0	
mORF+_659265	659265	659276	+	3	12	TTG	TGA	0	0	
mORF+_659289	659289	659294	+	3	6	GTG	TAG	0	0	
mORF+_659355	659355	659369	+	3	15	TTG	TAA	0	0	
mORF+_659493	659493	659501	+	3	9	TTG	TAA	0	0	
mORF+_659541	659541	659555	+	3	15	TTG	TGA	0	0	
mORF+_659579	659579	659584	+	2	6	ATG	TAA	0	0	
mORF+_659587	659587	659637	+	1	51	TTG	TAA	0	0	
mORF+_659598	659598	659717	+	3	120	TTG	TAG	0	0	
mORF+_659600	659600	659626	+	2	27	GTG	TGA	0	0	
mORF+_659653	659653	659667	+	1	15	ATG	TAA	0	0	
mORF+_659681	659681	659749	+	2	69	GTG	TAA	0	0	
mORF+_659826	659826	659870	+	3	45	ATG	TAG	0	0	
mORF+_659845	659845	659877	+	1	33	GTG	TGA	0	0	
mORF+_659874	659874	659909	+	3	36	GTG	TGA	0	0	
mORF+_659885	659885	659950	+	2	66	TTG	TAA	0	0	
mORF+_659960	659960	659998	+	2	39	ATG	TAA	0	0	
mORF+_659970	659970	660059	+	3	90	TTG	TGA	0	0	
mORF+_660007	660007	660048	+	1	42	GTG	TGA	0	0	
mORF+_660056	660056	660163	+	2	108	ATG	TAA	0	0	
mORF+_660075	660075	660113	+	3	39	TTG	TGA	0	0	
mORF+_660144	660144	660176	+	3	33	ATG	TAG	0	0	
mORF+_660176	660176	660328	+	2	153	GTG	TAG	0	0	
mORF+_660198	660198	660266	+	3	69	ATG	TAG	0	0	
mORF+_660214	660214	660243	+	1	30	GTG	TAG	0	0	
mORF+_660294	660294	660311	+	3	18	ATG	TGA	0	0	
mORF+_660329	660329	660526	+	2	198	ATG	TAA	0	0	
mORF+_660340	660340	660348	+	1	9	ATG	TAG	0	0	
mORF+_660351	660351	660410	+	3	60	GTG	TGA	0	0	
mORF+_660379	660379	660396	+	1	18	ATG	TAA	0	0	
mORF+_660424	660424	660444	+	1	21	TTG	TAA	0	0	
mORF+_660529	660529	660534	+	1	6	TTG	TAA	0	0	
mORF+_660539	660539	660556	+	2	18	TTG	TGA	0	0	
mORF+_660541	660541	660654	+	1	114	GTG	TAA	0	0	
mORF+_660584	660584	660634	+	2	51	TTG	TAA	0	0	
mORF+_660659	660659	660808	+	2	150	ATG	TAG	0	0	
mORF+_660667	660667	660711	+	1	45	TTG	TAG	0	0	
mORF+_660720	660720	660728	+	3	9	ATG	TGA	0	0	
mORF+_660744	660744	660767	+	3	24	GTG	TGA	0	0	
mORF+_660795	660795	660800	+	3	6	ATG	TAA	0	0	
mORF+_660817	660817	660837	+	1	21	ATG	TAA	0	0	
mORF+_660824	660824	660850	+	2	27	ATG	TGA	0	0	
mORF+_660847	660847	660870	+	1	24	TTG	TAA	0	0	
mORF+_660854	660854	660895	+	2	42	ATG	TAG	0	0	
mORF+_660888	660888	661115	+	3	228	TTG	TAG	0	0	
mORF+_660922	660922	660939	+	1	18	GTG	TAG	0	0	
mORF+_660959	660959	660964	+	2	6	TTG	TGA	0	0	
mORF+_660961	660961	660972	+	1	12	GTG	TAG	0	0	
mORF+_661015	661015	661035	+	1	21	ATG	TGA	0	0	

mORF+_661042	661042	661236	+	1	195	ATG	TAA	0	0
mORF+_661052	661052	661060	+	2	9	GTG	TGA	0	0
mORF+_661139	661139	661327	+	2	189	ATG	TAA	0	0
mORF+_661329	661329	661352	+	3	24	ATG	TGA	0	0
mORF+_661331	661331	661528	+	2	198	GTG	TAA	0	0
mORF+_661359	661359	661373	+	3	15	GTG	TAG	0	0
mORF+_661422	661422	661457	+	3	36	GTG	TAA	0	0
mORF+_661447	661447	661524	+	1	78	TTG	TGA	0	0
mORF+_661521	661521	661589	+	3	69	ATG	TAA	0	0
mORF+_661531	661531	661671	+	1	141	GTG	TGA	0	0
mORF+_661649	661649	661681	+	2	33	GTG	TGA	0	0
mORF+_661668	661668	661796	+	3	129	ATG	TAA	0	0
mORF+_661672	661672	661704	+	1	33	GTG	TAG	0	0
mORF+_661705	661705	661740	+	1	36	TTG	TAG	0	0
mORF+_661718	661718	661810	+	2	93	TTG	TAA	0	0
mORF+_661813	661813	661818	+	1	6	TTG	TAA	0	0
mORF+_661855	661855	661881	+	1	27	TTG	TAA	0	0
mORF+_661928	661928	661978	+	2	51	ATG	TAA	0	0
mORF+_661939	661939	661971	+	1	33	ATG	TAA	0	0
mORF+_661987	661987	662001	+	1	15	GTG	TAA	0	0
mORF+_662006	662006	662011	+	2	6	ATG	TAA	0	0
mORF+_662015	662015	662122	+	2	108	ATG	TGA	0	0
mORF+_662050	662050	662232	+	1	183	TTG	TAA	0	0
mORF+_662186	662186	662437	+	2	252	ATG	TAA	0	0
mORF+_662295	662295	662303	+	3	9	GTG	TAA	0	0
mORF+_662444	662444	662554	+	2	111	TTG	TAG	0	0
mORF+_662452	662452	662496	+	1	45	GTG	TAA	0	0
mORF+_662586	662586	662690	+	3	105	ATG	TAA	0	0
mORF+_662647	662647	662898	+	1	252	ATG	TAA	0	0
mORF+_662747	662747	662800	+	2	54	ATG	TGA	0	0
mORF+_662816	662816	662947	+	2	132	ATG	TAA	0	0
mORF+_662874	662874	662891	+	3	18	ATG	TAG	0	0
mORF+_662928	662928	662942	+	3	15	TTG	TAA	0	0
mORF+_662960	662960	663028	+	2	69	TTG	TAG	0	0
mORF+_663038	663038	663043	+	2	6	ATG	TAG	0	0
mORF+_663083	663083	663193	+	2	111	TTG	TGA	0	0
mORF+_663103	663103	663348	+	1	246	ATG	TGA	0	0
mORF+_663105	663105	663119	+	3	15	GTG	TAA	0	0
mORF+_663206	663206	663262	+	2	57	GTG	TGA	0	0
mORF+_663240	663240	663302	+	3	63	ATG	TGA	0	0
mORF+_663299	663299	663448	+	2	150	TTG	TGA	0	0
mORF+_663345	663345	663542	+	3	198	ATG	TAA	0	0
mORF+_663355	663355	663678	+	1	324	TTG	TAA	0	0
mORF+_663545	663545	663841	+	2	297	TTG	TAA	0	0
mORF+_663576	663576	663623	+	3	48	GTG	TAA	0	0
mORF+_663633	663633	663758	+	3	126	GTG	TGA	0	0
mORF+_663795	663795	663908	+	3	114	TTG	TAA	0	0
mORF+_663848	663848	663997	+	2	150	TTG	TAA	0	0
mORF+_663936	663936	663947	+	3	12	TTG	TAA	0	0
mORF+_663972	663972	663980	+	3	9	GTG	TAA	0	0
mORF+_664013	664013	664063	+	2	51	ATG	TAG	0	0
mORF+_664080	664080	664184	+	3	105	TTG	TAA	0	0
mORF+_664084	664084	664521	+	1	438	ATG	TGA	0	0
mORF+_664208	664208	664213	+	2	6	TTG	TAG	0	0
mORF+_664242	664242	664286	+	3	45	TTG	TAA	0	0
mORF+_664356	664356	664517	+	3	162	TTG	TAA	0	0
mORF+_664385	664385	664465	+	2	81	ATG	TGA	0	0
mORF+_664525	664525	664623	+	1	99	GTG	TGA	0	0
mORF+_664620	664620	664688	+	3	69	ATG	TAG	0	0
mORF+_664640	664640	664717	+	2	78	TTG	TAA	0	0
mORF+_664707	664707	664790	+	3	84	ATG	TGA	0	0
mORF+_664757	664757	664786	+	2	30	ATG	TGA	0	0
mORF+_664783	664783	664836	+	1	54	GTG	TAG	0	0

mORF_+_664791	664791	664850	+	3	60	GTG	TGA	0	0	
mORF_+_664796	664796	664819	+	2	24	GTG	TAA	0	0	
mORF_+_664854	664854	664859	+	3	6	ATG	TGA	0	0	
mORF_+_664856	664856	664882	+	2	27	GTG	TGA	0	0	
mORF_+_664873	664873	664956	+	1	84	GTG	TGA	0	0	
mORF_+_664925	664925	665050	+	2	126	ATG	TGA	0	0	
mORF_+_664953	664953	665207	+	3	255	ATG	TGA	0	0	
mORF_+_665047	665047	665094	+	1	48	TTG	TAA	0	0	
mORF_+_665131	665131	665154	+	1	24	ATG	TGA	0	0	
mORF_+_665173	665173	665250	+	1	78	GTG	TAG	0	0	
mORF_+_665237	665237	665467	+	2	231	TTG	TAA	0	0	
mORF_+_665253	665253	665303	+	3	51	ATG	TAG	0	0	
mORF_+_665332	665332	665361	+	1	30	GTG	TGA	0	0	
mORF_+_665358	665358	665417	+	3	60	ATG	TGA	0	0	
mORF_+_665458	665458	665538	+	1	81	ATG	TGA	0	0	
mORF_+_665481	665481	665609	+	3	129	GTG	TAA	0	0	
mORF_+_665492	665492	665542	+	2	51	ATG	TAA	0	0	
mORF_+_665542	665542	665739	+	1	198	ATG	TAA	0	0	
mORF_+_665588	665588	665767	+	2	180	GTG	TAG	0	0	
mORF_+_665634	665634	665837	+	3	204	GTG	TAG	0	0	
mORF_+_665755	665755	666726	+	1	972	GTG	TAA	1	4	pORF_+_665755
mORF_+_665822	665822	665911	+	2	90	TTG	TAA	0	0	
mORF_+_665955	665955	666023	+	3	69	ATG	TAA	0	0	
mORF_+_665966	665966	665998	+	2	33	TTG	TGA	0	0	
mORF_+_666036	666036	666125	+	3	90	GTG	TAA	0	0	
mORF_+_666095	666095	666109	+	2	15	ATG	TGA	0	0	
mORF_+_666155	666155	666196	+	2	42	ATG	TAA	0	0	
mORF_+_666297	666297	666302	+	3	6	TTG	TGA	0	0	
mORF_+_666299	666299	666343	+	2	45	GTG	TAA	0	0	
mORF_+_666395	666395	666439	+	2	45	TTG	TAG	0	0	
mORF_+_666420	666420	666446	+	3	27	ATG	TAA	0	0	
mORF_+_666474	666474	666572	+	3	99	GTG	TAG	0	0	
mORF_+_666476	666476	666526	+	2	51	GTG	TAA	0	0	
mORF_+_666530	666530	666568	+	2	39	TTG	TAA	0	0	
mORF_+_666575	666575	666691	+	2	117	GTG	TAA	0	0	
mORF_+_666711	666711	666737	+	3	27	GTG	TAA	0	0	
mORF_+_666749	666749	666772	+	2	24	TTG	TAA	0	0	
mORF_+_666784	666784	667065	+	1	282	GTG	TGA	0	0	
mORF_+_666812	666812	666847	+	2	36	ATG	TAG	0	0	
mORF_+_666837	666837	666896	+	3	60	TTG	TGA	0	0	
mORF_+_666848	666848	666910	+	2	63	TTG	TAG	0	0	
mORF_+_666914	666914	666940	+	2	27	ATG	TAA	0	0	
mORF_+_666995	666995	667186	+	2	192	TTG	TAG	0	0	
mORF_+_667062	667062	667190	+	3	129	GTG	TAG	0	0	
mORF_+_667141	667141	667434	+	1	294	TTG	TAG	1	2	pORF_+_667141
mORF_+_667190	667190	667228	+	2	39	GTG	TAG	0	0	
mORF_+_667232	667232	667294	+	2	63	ATG	TAG	0	0	
mORF_+_667328	667328	667414	+	2	87	TTG	TAG	0	0	
mORF_+_667480	667480	667641	+	1	162	GTG	TAG	0	0	
mORF_+_667493	667493	667945	+	2	453	TTG	TAA	0	0	
mORF_+_667888	667888	668067	+	1	180	TTG	TAA	0	0	
mORF_+_667991	667991	668122	+	2	132	ATG	TGA	0	0	
mORF_+_668098	668098	668187	+	1	90	GTG	TAA	0	0	
mORF_+_668144	668144	668179	+	2	36	ATG	TGA	0	0	
mORF_+_668192	668192	668203	+	2	12	ATG	TGA	0	0	
mORF_+_668207	668207	668563	+	2	357	TTG	TAG	0	0	
mORF_+_668244	668244	668276	+	3	33	GTG	TGA	0	0	
mORF_+_668292	668292	668312	+	3	21	ATG	TGA	0	0	
mORF_+_668335	668335	668505	+	1	171	TTG	TAA	0	0	
mORF_+_668403	668403	668408	+	3	6	TTG	TAA	0	0	
mORF_+_668427	668427	668684	+	3	258	GTG	TGA	0	0	
mORF_+_668521	668521	668553	+	1	33	ATG	TGA	0	0	
mORF_+_668576	668576	668653	+	2	78	TTG	TAA	0	0	

mORF+_668684	668684	668698	+	2	15	ATG	TAA	0	0
mORF+_668711	668711	668980	+	2	270	GTG	TAA	0	0
mORF+_668731	668731	668739	+	1	9	TTG	TAA	0	0
mORF+_668761	668761	668847	+	1	87	ATG	TGA	0	0
mORF+_668784	668784	668825	+	3	42	GTG	TAG	0	0
mORF+_668844	668844	668858	+	3	15	ATG	TGA	0	0
mORF+_668892	668892	669068	+	3	177	TTG	TGA	0	0
mORF+_668956	668956	669144	+	1	189	GTG	TAA	0	0
mORF+_669002	669002	669007	+	2	6	ATG	TAG	0	0
mORF+_669014	669014	669118	+	2	105	ATG	TAA	0	0
mORF+_669132	669132	669179	+	3	48	ATG	TAA	0	0
mORF+_669169	669169	669207	+	1	39	TTG	TAA	0	0
mORF+_669179	669179	669184	+	2	6	ATG	TAA	0	0
mORF+_669216	669216	669248	+	3	33	ATG	TGA	0	0
mORF+_669229	669229	669468	+	1	240	TTG	TGA	0	0
mORF+_669245	669245	669289	+	2	45	ATG	TAA	0	0
mORF+_669330	669330	669482	+	3	153	GTG	TAA	0	0
mORF+_669419	669419	669475	+	2	57	TTG	TGA	0	0
mORF+_669508	669508	669567	+	1	60	TTG	TAG	0	0
mORF+_669531	669531	669587	+	3	57	GTG	TAA	0	0
mORF+_669542	669542	669547	+	2	6	GTG	TAA	0	0
mORF+_669557	669557	669742	+	2	186	TTG	TGA	0	0
mORF+_669591	669591	669680	+	3	90	ATG	TAG	0	0
mORF+_669622	669622	669738	+	1	117	GTG	TAG	0	0
mORF+_669687	669687	669692	+	3	6	TTG	TGA	0	0
mORF+_669739	669739	669786	+	1	48	ATG	TAA	0	0
mORF+_669764	669764	669850	+	2	87	GTG	TAA	0	0
mORF+_669887	669887	669937	+	2	51	TTG	TAA	0	0
mORF+_669891	669891	669932	+	3	42	TTG	TGA	0	0
mORF+_669910	669910	670056	+	1	147	GTG	TAA	0	0
mORF+_669975	669975	670130	+	3	156	ATG	TGA	0	0
mORF+_670001	670001	670063	+	2	63	ATG	TAA	0	0
mORF+_670076	670076	670081	+	2	6	TTG	TAA	0	0
mORF+_670081	670081	670098	+	1	18	ATG	TAA	0	0
mORF+_670124	670124	670234	+	2	111	TTG	TAA	0	0
mORF+_670141	670141	670194	+	1	54	ATG	TGA	0	0
mORF+_670191	670191	670283	+	3	93	GTG	TGA	0	0
mORF+_670234	670234	670356	+	1	123	ATG	TGA	0	0
mORF+_670353	670353	670394	+	3	42	TTG	TGA	0	0
mORF+_670363	670363	670449	+	1	87	TTG	TAA	0	0
mORF+_670466	670466	670480	+	2	15	TTG	TAA	0	0
mORF+_670473	670473	670712	+	3	240	TTG	TGA	0	0
mORF+_670514	670514	670579	+	2	66	ATG	TAA	0	0
mORF+_670531	670531	670536	+	1	6	GTG	TGA	0	0
mORF+_670595	670595	670630	+	2	36	TTG	TAA	0	0
mORF+_670676	670676	670741	+	2	66	GTG	TAA	0	0
mORF+_670696	670696	670791	+	1	96	GTG	TGA	0	0
mORF+_670788	670788	671057	+	3	270	TTG	TAA	0	0
mORF+_670805	670805	671065	+	2	261	TTG	TAG	0	0
mORF+_670990	670990	671010	+	1	21	TTG	TAA	0	0
mORF+_671017	671017	671247	+	1	231	TTG	TAA	0	0
mORF+_671105	671105	671116	+	2	12	ATG	TGA	0	0
mORF+_671148	671148	671306	+	3	159	ATG	TGA	0	0
mORF+_671165	671165	671443	+	2	279	ATG	TGA	0	0
mORF+_671344	671344	671370	+	1	27	ATG	TAA	0	0
mORF+_671391	671391	673070	+	3	1680	ATG	TAA	0	0
mORF+_671440	671440	671463	+	1	24	TTG	TAA	0	0
mORF+_671498	671498	671566	+	2	69	TTG	TGA	0	0
mORF+_671563	671563	671850	+	1	288	GTG	TGA	0	0
mORF+_671747	671747	671821	+	2	75	GTG	TAA	0	0
mORF+_671831	671831	671842	+	2	12	TTG	TGA	0	0
mORF+_671942	671942	672010	+	2	69	GTG	TAG	0	0
mORF+_671965	671965	671976	+	1	12	GTG	TAA	0	0

mORF+_672085	672085	672099	+	1	15	GTG	TAA	0	0	
mORF+_672130	672130	672168	+	1	39	TTG	TAA	0	0	
mORF+_672349	672349	672390	+	1	42	ATG	TAG	0	0	
mORF+_672403	672403	672429	+	1	27	ATG	TAG	0	0	
mORF+_672481	672481	672501	+	1	21	TTG	TAG	0	0	
mORF+_672532	672532	672729	+	1	198	GTG	TAA	0	0	
mORF+_672557	672557	672574	+	2	18	GTG	TAA	0	0	
mORF+_672811	672811	672894	+	1	84	ATG	TGA	0	0	
mORF+_672937	672937	672972	+	1	36	TTG	TAG	0	0	
mORF+_673012	673012	673077	+	1	66	GTG	TGA	0	0	
mORF+_673037	673037	673087	+	2	51	TTG	TAA	0	0	
mORF+_673074	673074	673865	+	3	792	GTG	TAG	0	0	
mORF+_673141	673141	673215	+	1	75	TTG	TGA	0	0	
mORF+_673252	673252	673272	+	1	21	GTG	TAA	0	0	
mORF+_673282	673282	673293	+	1	12	GTG	TAG	0	0	
mORF+_673303	673303	673377	+	1	75	TTG	TGA	0	0	
mORF+_673396	673396	673416	+	1	21	TTG	TAA	0	0	
mORF+_673420	673420	673611	+	1	192	GTG	TAG	0	0	
mORF+_673628	673628	673672	+	2	45	TTG	TGA	0	0	
mORF+_673669	673669	673815	+	1	147	TTG	TAG	0	0	
mORF+_673712	673712	673891	+	2	180	GTG	TAG	0	0	
mORF+_673834	673834	673842	+	1	9	ATG	TAG	0	0	
mORF+_673858	673858	673881	+	1	24	ATG	TAG	0	0	
mORF+_673912	673912	673959	+	1	48	TTG	TGA	0	0	
mORF+_673937	673937	674047	+	2	111	ATG	TAG	0	0	
mORF+_673956	673956	674081	+	3	126	ATG	TAG	0	0	
mORF+_673969	673969	674076	+	1	108	TTG	TAG	0	0	
mORF+_674123	674123	674131	+	2	9	TTG	TGA	0	0	
mORF+_674128	674128	674154	+	1	27	ATG	TAA	0	0	
mORF+_674165	674165	674179	+	2	15	TTG	TAG	0	0	
mORF+_674167	674167	674244	+	1	78	GTG	TGA	0	0	
mORF+_674241	674241	674723	+	3	483	ATG	TAA	13	72	pORF+_674241
mORF+_674251	674251	674286	+	1	36	TTG	TGA	0	0	
mORF+_674302	674302	674352	+	1	51	ATG	TAA	0	0	
mORF+_674386	674386	674394	+	1	9	ATG	TGA	0	0	
mORF+_674410	674410	674433	+	1	24	GTG	TGA	0	0	
mORF+_674437	674437	674451	+	1	15	ATG	TGA	0	0	
mORF+_674498	674498	674527	+	2	30	GTG	TAA	0	0	
mORF+_674536	674536	674667	+	1	132	TTG	TGA	0	0	
mORF+_674540	674540	674692	+	2	153	ATG	TGA	0	0	
mORF+_674683	674683	674826	+	1	144	GTG	TGA	0	0	
mORF+_674781	674781	674801	+	3	21	TTG	TAA	0	0	
mORF+_674846	674846	674920	+	2	75	ATG	TAA	0	0	
mORF+_674910	674910	675281	+	3	372	GTG	TAA	0	0	
mORF+_674920	674920	674991	+	1	72	ATG	TGA	0	0	
mORF+_675034	675034	675045	+	1	12	ATG	TAA	0	0	
mORF+_675137	675137	675724	+	2	588	ATG	TAA	0	0	
mORF+_675208	675208	675216	+	1	9	TTG	TGA	0	0	
mORF+_675253	675253	675318	+	1	66	TTG	TAG	0	0	
mORF+_675288	675288	675491	+	3	204	TTG	TAG	0	0	
mORF+_675334	675334	675375	+	1	42	TTG	TAA	0	0	
mORF+_675427	675427	675537	+	1	111	TTG	TGA	0	0	
mORF+_675519	675519	675569	+	3	51	TTG	TAA	0	0	
mORF+_675588	675588	675737	+	3	150	ATG	TGA	0	0	
mORF+_675734	675734	675763	+	2	30	TTG	TGA	0	0	
mORF+_675760	675760	675900	+	1	141	GTG	TAA	0	0	
mORF+_675783	675783	675833	+	3	51	ATG	TAA	0	0	
mORF+_675815	675815	675874	+	2	60	GTG	TAA	0	0	
mORF+_675891	675891	675911	+	3	21	ATG	TAA	0	0	
mORF+_675911	675911	675922	+	2	12	ATG	TAA	0	0	
mORF+_675934	675934	676641	+	1	708	ATG	TGA	0	0	
mORF+_675962	675962	676036	+	2	75	TTG	TAG	0	0	
mORF+_675996	675996	676052	+	3	57	ATG	TGA	0	0	

mORF_+_676049	676049	676114	+	2	66	TTG	TGA	0	0
mORF_+_676065	676065	676076	+	3	12	ATG	TGA	0	0
mORF_+_676127	676127	676207	+	2	81	ATG	TAA	0	0
mORF_+_676176	676176	676181	+	3	6	ATG	TGA	0	0
mORF_+_676182	676182	676190	+	3	9	ATG	TGA	0	0
mORF_+_676208	676208	676309	+	2	102	ATG	TAA	0	0
mORF_+_676254	676254	676328	+	3	75	ATG	TAA	0	0
mORF_+_676356	676356	676400	+	3	45	ATG	TAG	0	0
mORF_+_676418	676418	676495	+	2	78	TTG	TAG	0	0
mORF_+_676446	676446	676466	+	3	21	TTG	TGA	0	0
mORF_+_676523	676523	676630	+	2	108	ATG	TGA	0	0
mORF_+_676605	676605	676622	+	3	18	ATG	TAA	0	0
mORF_+_676638	676638	678065	+	3	1428	ATG	TGA	0	0
mORF_+_676646	676646	676681	+	2	36	TTG	TGA	0	0
mORF_+_676774	676774	676842	+	1	69	ATG	TAG	0	0
mORF_+_676817	676817	676837	+	2	21	TTG	TGA	0	0
mORF_+_676849	676849	676938	+	1	90	ATG	TAA	0	0
mORF_+_676943	676943	676963	+	2	21	TTG	TGA	0	0
mORF_+_676960	676960	676998	+	1	39	TTG	TGA	0	0
mORF_+_676982	676982	677137	+	2	156	GTG	TAA	0	0
mORF_+_677110	677110	677238	+	1	129	ATG	TGA	0	0
mORF_+_677213	677213	677281	+	2	69	TTG	TGA	0	0
mORF_+_677278	677278	677505	+	1	228	ATG	TAA	0	0
mORF_+_677363	677363	677377	+	2	15	ATG	TGA	0	0
mORF_+_677426	677426	677464	+	2	39	TTG	TGA	0	0
mORF_+_677513	677513	677566	+	2	54	ATG	TGA	0	0
mORF_+_677563	677563	677778	+	1	216	TTG	TAG	0	0
mORF_+_677762	677762	677848	+	2	87	ATG	TGA	0	0
mORF_+_677779	677779	677793	+	1	15	TTG	TAG	0	0
mORF_+_677833	677833	677838	+	1	6	TTG	TGA	0	0
mORF_+_677845	677845	677880	+	1	36	TTG	TAA	0	0
mORF_+_677861	677861	677935	+	2	75	TTG	TGA	0	0
mORF_+_677932	677932	678036	+	1	105	TTG	TGA	0	0
mORF_+_678062	678062	678169	+	2	108	GTG	TAA	0	0
mORF_+_678078	678078	678101	+	3	24	ATG	TAA	0	0
mORF_+_678115	678115	678120	+	1	6	TTG	TAA	0	0
mORF_+_678120	678120	678143	+	3	24	ATG	TAA	0	0
mORF_+_678127	678127	678153	+	1	27	TTG	TGA	0	0
mORF_+_678150	678150	678182	+	3	33	TTG	TGA	0	0
mORF_+_678213	678213	678350	+	3	138	TTG	TGA	0	0
mORF_+_678260	678260	678283	+	2	24	TTG	TGA	0	0
mORF_+_678271	678271	678303	+	1	33	GTG	TAG	0	0
mORF_+_678329	678329	678484	+	2	156	GTG	TGA	0	0
mORF_+_678351	678351	678443	+	3	93	TTG	TGA	0	0
mORF_+_678444	678444	678503	+	3	60	GTG	TGA	0	0
mORF_+_678469	678469	678513	+	1	45	GTG	TAA	0	0
mORF_+_678485	678485	678571	+	2	87	ATG	TAA	0	0
mORF_+_678532	678532	678699	+	1	168	ATG	TAG	0	0
mORF_+_678564	678564	678617	+	3	54	TTG	TAA	0	0
mORF_+_678581	678581	678595	+	2	15	TTG	TAA	0	0
mORF_+_678599	678599	678661	+	2	63	TTG	TGA	0	0
mORF_+_678630	678630	678635	+	3	6	GTG	TGA	0	0
mORF_+_678636	678636	678707	+	3	72	ATG	TAA	0	0
mORF_+_678707	678707	678727	+	2	21	ATG	TAA	0	0
mORF_+_678731	678731	679438	+	2	708	ATG	TGA	0	0
mORF_+_678759	678759	678839	+	3	81	TTG	TAA	0	0
mORF_+_678796	678796	678813	+	1	18	TTG	TGA	0	0
mORF_+_678879	678879	678890	+	3	12	GTG	TAA	0	0
mORF_+_678915	678915	678938	+	3	24	ATG	TAG	0	0
mORF_+_678955	678955	678975	+	1	21	ATG	TGA	0	0
mORF_+_678979	678979	679311	+	1	333	GTG	TAG	0	0
mORF_+_678993	678993	679019	+	3	27	TTG	TGA	0	0
mORF_+_679035	679035	679136	+	3	102	TTG	TGA	0	0

mORF+_679173	679173	679232	+	3	60	ATG	TAG	0	0
mORF+_679362	679362	679388	+	3	27	ATG	TAA	0	0
mORF+_679402	679402	679419	+	1	18	ATG	TAA	0	0
mORF+_679422	679422	679427	+	3	6	ATG	TGA	0	0
mORF+_679435	679435	680886	+	1	1452	ATG	TGA	0	0
mORF+_679443	679443	679466	+	3	24	ATG	TGA	0	0
mORF+_679463	679463	679483	+	2	21	TTG	TAG	0	0
mORF+_679505	679505	679597	+	2	93	TTG	TAA	0	0
mORF+_679521	679521	679553	+	3	33	GTG	TAA	0	0
mORF+_679616	679616	679735	+	2	120	ATG	TAA	0	0
mORF+_679754	679754	679795	+	2	42	ATG	TAG	0	0
mORF+_679779	679779	679862	+	3	84	GTG	TAA	0	0
mORF+_679820	679820	679846	+	2	27	GTG	TGA	0	0
mORF+_679862	679862	680068	+	2	207	ATG	TAA	0	0
mORF+_679926	679926	679943	+	3	18	TTG	TAG	0	0
mORF+_680007	680007	680027	+	3	21	TTG	TGA	0	0
mORF+_680061	680061	680075	+	3	15	GTG	TGA	0	0
mORF+_680075	680075	680350	+	2	276	ATG	TAG	0	0
mORF+_680160	680160	680294	+	3	135	GTG	TGA	0	0
mORF+_680310	680310	680417	+	3	108	GTG	TGA	0	0
mORF+_680381	680381	680401	+	2	21	ATG	TGA	0	0
mORF+_680405	680405	680479	+	2	75	ATG	TAG	0	0
mORF+_680439	680439	680459	+	3	21	ATG	TAG	0	0
mORF+_680492	680492	680593	+	2	102	TTG	TAG	0	0
mORF+_680520	680520	680549	+	3	30	ATG	TAG	0	0
mORF+_680609	680609	680683	+	2	75	TTG	TAG	0	0
mORF+_680690	680690	680710	+	2	21	TTG	TGA	0	0
mORF+_680735	680735	680833	+	2	99	ATG	TAA	0	0
mORF+_680852	680852	681043	+	2	192	ATG	TGA	0	0
mORF+_680889	680889	680966	+	3	78	ATG	TAA	0	0
mORF+_680959	680959	680970	+	1	12	ATG	TAA	0	0
mORF+_681040	681040	681144	+	1	105	GTG	TAA	0	0
mORF+_681152	681152	681217	+	2	66	ATG	TAA	0	0
mORF+_681210	681210	681407	+	3	198	GTG	TGA	0	0
mORF+_681274	681274	681285	+	1	12	TTG	TAA	0	0
mORF+_681355	681355	681387	+	1	33	ATG	TGA	0	0
mORF+_681404	681404	681478	+	2	75	TTG	TAA	0	0
mORF+_681420	681420	681431	+	3	12	GTG	TGA	0	0
mORF+_681424	681424	681435	+	1	12	ATG	TAA	0	0
mORF+_681460	681460	681534	+	1	75	GTG	TAA	0	0
mORF+_681547	681547	681636	+	1	90	GTG	TAA	0	0
mORF+_681599	681599	681790	+	2	192	TTG	TGA	0	0
mORF+_681639	681639	681650	+	3	12	TTG	TAA	0	0
mORF+_681652	681652	681732	+	1	81	TTG	TGA	0	0
mORF+_681693	681693	681698	+	3	6	TTG	TGA	0	0
mORF+_681729	681729	681974	+	3	246	TTG	TAA	0	0
mORF+_681787	681787	681828	+	1	42	TTG	TAA	0	0
mORF+_681868	681868	681885	+	1	18	ATG	TGA	0	0
mORF+_681875	681875	681943	+	2	69	ATG	TAA	0	0
mORF+_681886	681886	682041	+	1	156	TTG	TGA	0	0
mORF+_681993	681993	682178	+	3	186	ATG	TAA	0	0
mORF+_682057	682057	682248	+	1	192	GTG	TAA	0	0
mORF+_682221	682221	682313	+	3	93	ATG	TAA	0	0
mORF+_682313	682313	682351	+	2	39	ATG	TAA	0	0
mORF+_682352	682352	682402	+	2	51	ATG	TAA	0	0
mORF+_682354	682354	682470	+	1	117	GTG	TGA	0	0
mORF+_682425	682425	682442	+	3	18	ATG	TGA	0	0
mORF+_682439	682439	682489	+	2	51	GTG	TAA	0	0
mORF+_682467	682467	682505	+	3	39	ATG	TAA	0	0
mORF+_682483	682483	682632	+	1	150	ATG	TGA	0	0
mORF+_682496	682496	682576	+	2	81	ATG	TAG	0	0
mORF+_682533	682533	682565	+	3	33	TTG	TAA	0	0
mORF+_682616	682616	682693	+	2	78	TTG	TGA	0	0

mORF_+_682629	682629	682670	+	3	42	TTG	TAA	0	0
mORF_+_682674	682674	682703	+	3	30	GTG	TAA	0	0
mORF_+_682690	682690	682875	+	1	186	ATG	TAA	0	0
mORF_+_682697	682697	682732	+	2	36	GTG	TAA	0	0
mORF_+_682770	682770	682799	+	3	30	GTG	TAA	0	0
mORF_+_682902	682902	682958	+	3	57	ATG	TGA	0	0
mORF_+_682909	682909	683064	+	1	156	ATG	TAA	0	0
mORF_+_682916	682916	682999	+	2	84	ATG	TGA	0	0
mORF_+_682992	682992	683060	+	3	69	ATG	TGA	0	0
mORF_+_683042	683042	683098	+	2	57	GTG	TGA	0	0
mORF_+_683208	683208	683600	+	3	393	TTG	TGA	0	0
mORF_+_683213	683213	683362	+	2	150	ATG	TAA	0	0
mORF_+_683341	683341	683409	+	1	69	GTG	TAA	0	0
mORF_+_683390	683390	683425	+	2	36	GTG	TAA	0	0
mORF_+_683512	683512	683538	+	1	27	GTG	TAA	0	0
mORF_+_683539	683539	683547	+	1	9	TTG	TGA	0	0
mORF_+_683560	683560	683589	+	1	30	GTG	TAG	0	0
mORF_+_683597	683597	683617	+	2	21	ATG	TAA	0	0
mORF_+_683623	683623	683718	+	1	96	TTG	TGA	0	0
mORF_+_683645	683645	683674	+	2	30	TTG	TAA	0	0
mORF_+_683652	683652	683687	+	3	36	GTG	TAA	0	0
mORF_+_683715	683715	683756	+	3	42	GTG	TAA	0	0
mORF_+_683720	683720	683752	+	2	33	ATG	TGA	0	0
mORF_+_683731	683731	683856	+	1	126	TTG	TAA	0	0
mORF_+_683756	683756	684358	+	2	603	ATG	TGA	0	0
mORF_+_683913	683913	684059	+	3	147	ATG	TGA	0	0
mORF_+_683986	683986	684015	+	1	30	ATG	TAG	0	0
mORF_+_684040	684040	684162	+	1	123	TTG	TAA	0	0
mORF_+_684087	684087	684095	+	3	9	TTG	TGA	0	0
mORF_+_684259	684259	684285	+	1	27	TTG	TAA	0	0
mORF_+_684276	684276	684437	+	3	162	TTG	TGA	0	0
mORF_+_684355	684355	684474	+	1	120	TTG	TAA	0	0
mORF_+_684440	684440	684457	+	2	18	GTG	TGA	0	0
mORF_+_684480	684480	684506	+	3	27	ATG	TGA	0	0
mORF_+_684593	684593	684673	+	2	81	ATG	TGA	0	0
mORF_+_684597	684597	684677	+	3	81	TTG	TGA	0	0
mORF_+_684674	684674	684742	+	2	69	GTG	TGA	0	0
mORF_+_684739	684739	684816	+	1	78	GTG	TGA	0	0
mORF_+_684879	684879	684947	+	3	69	TTG	TAA	0	0
mORF_+_684901	684901	684951	+	1	51	TTG	TAA	0	0
mORF_+_684983	684983	685216	+	2	234	TTG	TGA	0	0
mORF_+_685110	685110	685280	+	3	171	ATG	TGA	0	0
mORF_+_685156	685156	685284	+	1	129	TTG	TAA	0	0
mORF_+_685339	685339	685401	+	1	63	ATG	TAA	0	0
mORF_+_685470	685470	685556	+	3	87	TTG	TGA	0	0
mORF_+_685549	685549	685569	+	1	21	ATG	TGA	0	0
mORF_+_685553	685553	685594	+	2	42	ATG	TAA	0	0
mORF_+_685573	685573	685806	+	1	234	TTG	TGA	0	0
mORF_+_685653	685653	685736	+	3	84	TTG	TAA	0	0
mORF_+_685721	685721	685771	+	2	51	TTG	TAA	0	0
mORF_+_685834	685834	686061	+	1	228	GTG	TAA	0	0
mORF_+_685854	685854	685862	+	3	9	TTG	TAA	0	0
mORF_+_686070	686070	686093	+	3	24	GTG	TGA	0	0
mORF_+_686075	686075	686209	+	2	135	TTG	TGA	0	0
mORF_+_686097	686097	686162	+	3	66	GTG	TGA	0	0
mORF_+_686213	686213	686272	+	2	60	ATG	TAG	0	0
mORF_+_686291	686291	686413	+	2	123	TTG	TGA	0	0
mORF_+_686410	686410	686688	+	1	279	GTG	TGA	0	0
mORF_+_686417	686417	686767	+	2	351	TTG	TAA	0	0
mORF_+_686670	686670	686693	+	3	24	GTG	TAA	0	0
mORF_+_686791	686791	686823	+	1	33	TTG	TGA	0	0
mORF_+_686798	686798	686806	+	2	9	TTG	TAA	0	0
mORF_+_686833	686833	686964	+	1	132	GTG	TAA	0	0

mORF+_686858	686858	687073	+	2	216	TTG	TAG	0	0
mORF+_686910	686910	687020	+	3	111	GTG	TGA	0	0
mORF+_686965	686965	686997	+	1	33	TTG	TAA	0	0
mORF+_687004	687004	687111	+	1	108	ATG	TGA	0	0
mORF+_687021	687021	687182	+	3	162	GTG	TAG	0	0
mORF+_687136	687136	687159	+	1	24	TTG	TAA	0	0
mORF+_687160	687160	687168	+	1	9	ATG	TGA	0	0
mORF+_687223	687223	687285	+	1	63	GTG	TAA	0	0
mORF+_687269	687269	687535	+	2	267	TTG	TAG	0	0
mORF+_687295	687295	687549	+	1	255	TTG	TGA	0	0
mORF+_687366	687366	687416	+	3	51	ATG	TGA	0	0
mORF+_687435	687435	687593	+	3	159	GTG	TGA	0	0
mORF+_687556	687556	687924	+	1	369	TTG	TAA	0	0
mORF+_687590	687590	687688	+	2	99	TTG	TGA	0	0
mORF+_687689	687689	687706	+	2	18	TTG	TGA	0	0
mORF+_687734	687734	687790	+	2	57	TTG	TGA	0	0
mORF+_687753	687753	687764	+	3	12	GTG	TGA	0	0
mORF+_687797	687797	687856	+	2	60	ATG	TGA	0	0
mORF+_687884	687884	688012	+	2	129	ATG	TGA	0	0
mORF+_687997	687997	688020	+	1	24	ATG	TAG	0	0
mORF+_688013	688013	688039	+	2	27	ATG	TAA	0	0
mORF+_688061	688061	688069	+	2	9	TTG	TAA	0	0
mORF+_688079	688079	688150	+	2	72	ATG	TGA	0	0
mORF+_688096	688096	688272	+	1	177	TTG	TAG	0	0
mORF+_688101	688101	688166	+	3	66	ATG	TGA	0	0
mORF+_688199	688199	688276	+	2	78	ATG	TAA	0	0
mORF+_688254	688254	688283	+	3	30	TTG	TAG	0	0
mORF+_688285	688285	688410	+	1	126	TTG	TAG	0	0
mORF+_688293	688293	688298	+	3	6	ATG	TAA	0	0
mORF+_688304	688304	688420	+	2	117	TTG	TGA	0	0
mORF+_688332	688332	688364	+	3	33	ATG	TAA	0	0
mORF+_688398	688398	688499	+	3	102	GTG	TAA	0	0
mORF+_688420	688420	688458	+	1	39	ATG	TAG	0	0
mORF+_688459	688459	688581	+	1	123	ATG	TGA	0	0
mORF+_688499	688499	688507	+	2	9	ATG	TGA	0	0
mORF+_688535	688535	688558	+	2	24	ATG	TAA	0	0
mORF+_688616	688616	688666	+	2	51	ATG	TGA	0	0
mORF+_688642	688642	688731	+	1	90	TTG	TGA	0	0
mORF+_688762	688762	688890	+	1	129	ATG	TAG	0	0
mORF+_688787	688787	688849	+	2	63	GTG	TAG	0	0
mORF+_688830	688830	689045	+	3	216	GTG	TAA	0	0
mORF+_688933	688933	688944	+	1	12	ATG	TAG	0	0
mORF+_688973	688973	689011	+	2	39	TTG	TGA	0	0
mORF+_689039	689039	689155	+	2	117	GTG	TGA	0	0
mORF+_689094	689094	689120	+	3	27	ATG	TGA	0	0
mORF+_689101	689101	689109	+	1	9	TTG	TAG	0	0
mORF+_689152	689152	689169	+	1	18	GTG	TAG	0	0
mORF+_689191	689191	689277	+	1	87	TTG	TGA	0	0
mORF+_689255	689255	689263	+	2	9	GTG	TGA	0	0
mORF+_689271	689271	689327	+	3	57	TTG	TGA	0	0
mORF+_689324	689324	689377	+	2	54	ATG	TAA	0	0
mORF+_689329	689329	689358	+	1	30	TTG	TAG	0	0
mORF+_689406	689406	689627	+	3	222	TTG	TAA	0	0
mORF+_689440	689440	689478	+	1	39	ATG	TAA	0	0
mORF+_689456	689456	689464	+	2	9	GTG	TAA	0	0
mORF+_689533	689533	689649	+	1	117	TTG	TAG	0	0
mORF+_689552	689552	689569	+	2	18	GTG	TAA	0	0
mORF+_689612	689612	689839	+	2	228	GTG	TAA	0	0
mORF+_689706	689706	690050	+	3	345	TTG	TAA	0	0
mORF+_689746	689746	689880	+	1	135	GTG	TAG	0	0
mORF+_689945	689945	689959	+	2	15	GTG	TAA	0	0
mORF+_690070	690070	690108	+	1	39	ATG	TAG	0	0
mORF+_690089	690089	690172	+	2	84	ATG	TGA	0	0

mORF+_690169	690169	690177	+	1	9	TTG	TGA	0	0
mORF+_690174	690174	690593	+	3	420	ATG	TAA	0	0
mORF+_690214	690214	690225	+	1	12	TTG	TAA	0	0
mORF+_690232	690232	690381	+	1	150	ATG	TGA	0	0
mORF+_690269	690269	690295	+	2	27	ATG	TAG	0	0
mORF+_690359	690359	690505	+	2	147	GTG	TAA	0	0
mORF+_690457	690457	690522	+	1	66	ATG	TAA	0	0
mORF+_690598	690598	690675	+	1	78	TTG	TGA	0	0
mORF+_690672	690672	690707	+	3	36	GTG	TGA	0	0
mORF+_690679	690679	691032	+	1	354	TTG	TAG	0	0
mORF+_690704	690704	690724	+	2	21	GTG	TGA	0	0
mORF+_690708	690708	690944	+	3	237	GTG	TAA	0	0
mORF+_690987	690987	690992	+	3	6	GTG	TGA	0	0
mORF+_690989	690989	691036	+	2	48	GTG	TAA	0	0
mORF+_691026	691026	691130	+	3	105	ATG	TAG	0	0
mORF+_691085	691085	691207	+	2	123	ATG	TAA	0	0
mORF+_691191	691191	691196	+	3	6	ATG	TGA	0	0
mORF+_691211	691211	691321	+	2	111	ATG	TAG	0	0
mORF+_691255	691255	691305	+	1	51	GTG	TAA	0	0
mORF+_691260	691260	691274	+	3	15	TTG	TGA	0	0
mORF+_691332	691332	691394	+	3	63	ATG	TAG	0	0
mORF+_691409	691409	691513	+	2	105	GTG	TAA	0	0
mORF+_691486	691486	691752	+	1	267	ATG	TAA	0	0
mORF+_691538	691538	691543	+	2	6	TTG	TAA	0	0
mORF+_691586	691586	691645	+	2	60	TTG	TAG	0	0
mORF+_691739	691739	691747	+	2	9	ATG	TGA	0	0
mORF+_691785	691785	691790	+	3	6	GTG	TGA	0	0
mORF+_691787	691787	691921	+	2	135	GTG	TAG	0	0
mORF+_691812	691812	691820	+	3	9	TTG	TAA	0	0
mORF+_691929	691929	691943	+	3	15	GTG	TAA	0	0
mORF+_691946	691946	692116	+	2	171	TTG	TGA	0	0
mORF+_692192	692192	692371	+	2	180	ATG	TGA	0	0
mORF+_692197	692197	692763	+	1	567	ATG	TGA	0	0
mORF+_692232	692232	692249	+	3	18	TTG	TAA	0	0
mORF+_692417	692417	692899	+	2	483	ATG	TAA	0	0
mORF+_692691	692691	692699	+	3	9	TTG	TAA	0	0
mORF+_692791	692791	692889	+	1	99	TTG	TAG	0	0
mORF+_692935	692935	693069	+	1	135	GTG	TGA	0	0
mORF+_693002	693002	693073	+	2	72	ATG	TAA	0	0
mORF+_693063	693063	693764	+	3	702	TTG	TAG	0	0
mORF+_693073	693073	693180	+	1	108	ATG	TAG	0	0
mORF+_693146	693146	693172	+	2	27	GTG	TAA	0	0
mORF+_693184	693184	693279	+	1	96	ATG	TGA	0	0
mORF+_693310	693310	693549	+	1	240	ATG	TAG	0	0
mORF+_693589	693589	693609	+	1	21	TTG	TGA	0	0
mORF+_693673	693673	693678	+	1	6	GTG	TAA	0	0
mORF+_693694	693694	693888	+	1	195	GTG	TAG	0	0
mORF+_693852	693852	693974	+	3	123	GTG	TAA	0	0
mORF+_693904	693904	693996	+	1	93	ATG	TGA	0	0
mORF+_693923	693923	693949	+	2	27	ATG	TAA	0	0
mORF+_693996	693996	694031	+	3	36	ATG	TGA	0	0
mORF+_694028	694028	694159	+	2	132	TTG	TAA	0	0
mORF+_694036	694036	694083	+	1	48	GTG	TGA	0	0
mORF+_694080	694080	694124	+	3	45	TTG	TGA	0	0
mORF+_694093	694093	694143	+	1	51	GTG	TGA	0	0
mORF+_694161	694161	694199	+	3	39	ATG	TAG	0	0
mORF+_694171	694171	694290	+	1	120	TTG	TAA	0	0
mORF+_694209	694209	694223	+	3	15	ATG	TAG	0	0
mORF+_694223	694223	694228	+	2	6	GTG	TAA	0	0
mORF+_694233	694233	694247	+	3	15	TTG	TGA	0	0
mORF+_694244	694244	694273	+	2	30	GTG	TAG	0	0
mORF+_694303	694303	694317	+	1	15	TTG	TGA	0	0
mORF+_694314	694314	694457	+	3	144	ATG	TGA	0	0

mORF+_694318	694318	695499	+	1	1182	TTG	TAG	6	17	pORF+_694318
mORF+_694346	694346	694417	+	2	72	TTG	TAA	0	0	
mORF+_694448	694448	694522	+	2	75	TTG	TAG	0	0	
mORF+_694532	694532	694708	+	2	177	ATG	TAA	0	0	
mORF+_694551	694551	694610	+	3	60	TTG	TGA	0	0	
mORF+_694677	694677	694751	+	3	75	GTG	TGA	0	0	
mORF+_694715	694715	694732	+	2	18	GTG	TGA	0	0	
mORF+_694733	694733	694774	+	2	42	TTG	TGA	0	0	
mORF+_694781	694781	694789	+	2	9	GTG	TGA	0	0	
mORF+_694808	694808	694894	+	2	87	TTG	TGA	0	0	
mORF+_694866	694866	694898	+	3	33	ATG	TAG	0	0	
mORF+_694905	694905	694982	+	3	78	GTG	TGA	0	0	
mORF+_694961	694961	695044	+	2	84	GTG	TGA	0	0	
mORF+_695001	695001	695009	+	3	9	GTG	TGA	0	0	
mORF+_695111	695111	695134	+	2	24	TTG	TGA	0	0	
mORF+_695144	695144	695227	+	2	84	ATG	TGA	0	0	
mORF+_695231	695231	695257	+	2	27	TTG	TGA	0	0	
mORF+_695258	695258	695437	+	2	180	TTG	TAA	0	0	
mORF+_695295	695295	695348	+	3	54	GTG	TAA	0	0	
mORF+_695450	695450	695464	+	2	15	GTG	TGA	0	0	
mORF+_695483	695483	695491	+	2	9	ATG	TAG	0	0	
mORF+_695510	695510	695533	+	2	24	TTG	TAG	0	0	
mORF+_695517	695517	695570	+	3	54	ATG	TGA	0	0	
mORF+_695521	695521	695577	+	1	57	GTG	TAA	0	0	
mORF+_695567	695567	695605	+	2	39	TTG	TGA	0	0	
mORF+_695581	695581	695916	+	1	336	GTG	TGA	0	0	
mORF+_695606	695606	695650	+	2	45	ATG	TAA	0	0	
mORF+_695652	695652	695762	+	3	111	GTG	TAA	0	0	
mORF+_695702	695702	695749	+	2	48	GTG	TAA	0	0	
mORF+_695795	695795	695854	+	2	60	ATG	TGA	0	0	
mORF+_695814	695814	695930	+	3	117	GTG	TGA	0	0	
mORF+_695927	695927	695944	+	2	18	ATG	TAA	0	0	
mORF+_695931	695931	696068	+	3	138	GTG	TGA	0	0	
mORF+_695978	695978	696184	+	2	207	ATG	TGA	0	0	
mORF+_696028	696028	696057	+	1	30	GTG	TAA	0	0	
mORF+_696087	696087	696323	+	3	237	ATG	TGA	0	0	
mORF+_696118	696118	696207	+	1	90	ATG	TGA	0	0	
mORF+_696185	696185	696337	+	2	153	ATG	TAA	0	0	
mORF+_696324	696324	696593	+	3	270	GTG	TAA	0	0	
mORF+_696386	696386	696409	+	2	24	TTG	TAG	0	0	
mORF+_696400	696400	696573	+	1	174	ATG	TAA	0	0	
mORF+_696482	696482	696559	+	2	78	GTG	TGA	0	0	
mORF+_696597	696597	696698	+	3	102	ATG	TGA	0	0	
mORF+_696623	696623	696694	+	2	72	TTG	TAA	0	0	
mORF+_696754	696754	696888	+	1	135	GTG	TAG	0	0	
mORF+_696794	696794	696976	+	2	183	TTG	TGA	0	0	
mORF+_696930	696930	697154	+	3	225	TTG	TAA	0	0	
mORF+_696970	696970	697221	+	1	252	TTG	TGA	0	0	
mORF+_697010	697010	697027	+	2	18	GTG	TAA	0	0	
mORF+_697106	697106	697324	+	2	219	ATG	TAA	0	0	
mORF+_697200	697200	697376	+	3	177	GTG	TAA	0	0	
mORF+_697255	697255	697407	+	1	153	ATG	TAA	0	0	
mORF+_697376	697376	697447	+	2	72	ATG	TAA	0	0	
mORF+_697416	697416	697433	+	3	18	GTG	TAG	0	0	
mORF+_697454	697454	697462	+	2	9	ATG	TAA	0	0	
mORF+_697456	697456	697569	+	1	114	GTG	TGA	0	0	
mORF+_697475	697475	697507	+	2	33	ATG	TGA	0	0	
mORF+_697523	697523	697630	+	2	108	GTG	TGA	0	0	
mORF+_697536	697536	697664	+	3	129	TTG	TGA	0	0	
mORF+_697594	697594	697599	+	1	6	GTG	TAA	0	0	
mORF+_697658	697658	697714	+	2	57	TTG	TAA	0	0	
mORF+_697677	697677	697742	+	3	66	TTG	TAA	0	0	
mORF+_697732	697732	697746	+	1	15	ATG	TGA	0	0	

mORF+_697755	697755	697886	+	3	132	GTG	TAA	0	0
mORF+_697775	697775	697807	+	2	33	TTG	TAG	0	0
mORF+_697822	697822	697923	+	1	102	ATG	TGA	0	0
mORF+_697889	697889	697939	+	2	51	GTG	TGA	0	0
mORF+_697942	697942	698247	+	1	306	GTG	TGA	0	0
mORF+_697965	697965	697973	+	3	9	GTG	TGA	0	0
mORF+_697970	697970	698002	+	2	33	ATG	TAG	0	0
mORF+_698025	698025	698234	+	3	210	GTG	TAA	0	0
mORF+_698039	698039	698080	+	2	42	ATG	TGA	0	0
mORF+_698162	698162	698167	+	2	6	TTG	TAG	0	0
mORF+_698207	698207	698212	+	2	6	TTG	TAG	0	0
mORF+_698244	698244	698372	+	3	129	TTG	TGA	0	0
mORF+_698257	698257	698328	+	1	72	GTG	TGA	0	0
mORF+_698267	698267	698287	+	2	21	ATG	TAA	0	0
mORF+_698369	698369	698533	+	2	165	TTG	TGA	0	0
mORF+_698391	698391	698402	+	3	12	TTG	TAA	0	0
mORF+_698424	698424	698504	+	3	81	TTG	TAA	0	0
mORF+_698431	698431	698451	+	1	21	TTG	TAA	0	0
mORF+_698520	698520	698576	+	3	57	TTG	TAA	0	0
mORF+_698527	698527	698550	+	1	24	TTG	TGA	0	0
mORF+_698593	698593	698628	+	1	36	TTG	TGA	0	0
mORF+_698597	698597	698830	+	2	234	ATG	TAA	0	0
mORF+_698622	698622	698663	+	3	42	TTG	TGA	0	0
mORF+_698653	698653	698691	+	1	39	ATG	TGA	0	0
mORF+_698688	698688	698720	+	3	33	ATG	TAG	0	0
mORF+_698704	698704	698823	+	1	120	TTG	TGA	0	0
mORF+_698790	698790	698804	+	3	15	TTG	TAA	0	0
mORF+_698974	698974	698994	+	1	21	ATG	TAA	0	0
mORF+_698987	698987	699034	+	2	48	TTG	TAG	0	0
mORF+_698994	698994	699008	+	3	15	ATG	TGA	0	0
mORF+_699041	699041	699094	+	2	54	TTG	TAA	0	0
mORF+_699106	699106	699600	+	1	495	GTG	TAA	0	0
mORF+_699110	699110	699157	+	2	48	GTG	TAG	0	0
mORF+_699135	699135	699146	+	3	12	GTG	TAG	0	0
mORF+_699173	699173	699187	+	2	15	ATG	TAG	0	0
mORF+_699236	699236	699262	+	2	27	GTG	TGA	0	0
mORF+_699267	699267	699458	+	3	192	GTG	TAA	0	0
mORF+_699296	699296	699346	+	2	51	TTG	TAA	0	0
mORF+_699377	699377	699421	+	2	45	GTG	TAG	0	0
mORF+_699422	699422	699568	+	2	147	TTG	TGA	0	0
mORF+_699612	699612	699824	+	3	213	ATG	TAA	0	0
mORF+_699631	699631	699681	+	1	51	TTG	TGA	0	0
mORF+_699668	699668	699712	+	2	45	TTG	TAG	0	0
mORF+_699712	699712	699858	+	1	147	GTG	TGA	0	0
mORF+_699855	699855	699974	+	3	120	ATG	TAA	0	0
mORF+_699901	699901	699963	+	1	63	TTG	TAG	0	0
mORF+_699990	699990	700832	+	3	843	TTG	TGA	0	0
mORF+_699997	699997	700074	+	1	78	ATG	TGA	0	0
mORF+_700096	700096	700191	+	1	96	TTG	TGA	0	0
mORF+_700193	700193	700261	+	2	69	TTG	TAA	0	0
mORF+_700315	700315	700320	+	1	6	ATG	TAA	0	0
mORF+_700327	700327	700401	+	1	75	TTG	TAG	0	0
mORF+_700420	700420	700476	+	1	57	ATG	TAA	0	0
mORF+_700495	700495	700533	+	1	39	TTG	TGA	0	0
mORF+_700553	700553	700579	+	2	27	TTG	TGA	0	0
mORF+_700564	700564	700620	+	1	57	TTG	TGA	0	0
mORF+_700630	700630	700656	+	1	27	TTG	TGA	0	0
mORF+_700666	700666	700710	+	1	45	TTG	TGA	0	0
mORF+_700721	700721	700765	+	2	45	TTG	TAA	0	0
mORF+_700811	700811	700981	+	2	171	GTG	TAG	0	0
mORF+_700857	700857	700964	+	3	108	ATG	TAG	0	0
mORF+_700882	700882	700887	+	1	6	GTG	TGA	0	0
mORF+_700888	700888	701121	+	1	234	ATG	TGA	0	0

mORF_+_701006	701006	701044	+	2	39	ATG	TAA	0	0	
mORF_+_701037	701037	701096	+	3	60	ATG	TAG	0	0	
mORF_+_701118	701118	701216	+	3	99	ATG	TAA	0	0	
mORF_+_701222	701222	701599	+	2	378	ATG	TAA	0	0	
mORF_+_701253	701253	701393	+	3	141	ATG	TGA	0	0	
mORF_+_701365	701365	701433	+	1	69	TTG	TGA	0	0	
mORF_+_701427	701427	701606	+	3	180	TTG	TGA	0	0	
mORF_+_701458	701458	701478	+	1	21	GTG	TAA	0	0	
mORF_+_701612	701612	701707	+	2	96	ATG	TGA	0	0	
mORF_+_701617	701617	701637	+	1	21	TTG	TAA	0	0	
mORF_+_701670	701670	701693	+	3	24	GTG	TAG	0	0	
mORF_+_701715	701715	702047	+	3	333	TTG	TGA	0	0	
mORF_+_701839	701839	701892	+	1	54	GTG	TAA	0	0	
mORF_+_701846	701846	701965	+	2	120	TTG	TAA	0	0	
mORF_+_701965	701965	701979	+	1	15	ATG	TGA	0	0	
mORF_+_701999	701999	702007	+	2	9	TTG	TGA	0	0	
mORF_+_702044	702044	702298	+	2	255	TTG	TGA	0	0	
mORF_+_702139	702139	702681	+	1	543	ATG	TAA	0	0	
mORF_+_702207	702207	702302	+	3	96	GTG	TAA	0	0	
mORF_+_702327	702327	702359	+	3	33	TTG	TGA	0	0	
mORF_+_702338	702338	702346	+	2	9	GTG	TGA	0	0	
mORF_+_702356	702356	702409	+	2	54	TTG	TGA	0	0	
mORF_+_702399	702399	702434	+	3	36	ATG	TAA	0	0	
mORF_+_702506	702506	702550	+	2	45	TTG	TGA	0	0	
mORF_+_702623	702623	702691	+	2	69	ATG	TAG	0	0	
mORF_+_702692	702692	702853	+	2	162	GTG	TAA	0	0	
mORF_+_702778	702778	702849	+	1	72	ATG	TAA	0	0	
mORF_+_702855	702855	702860	+	3	6	ATG	TAA	0	0	
mORF_+_702865	702865	702876	+	1	12	TTG	TAG	0	0	
mORF_+_702900	702900	702962	+	3	63	TTG	TAG	0	0	
mORF_+_702937	702937	702948	+	1	12	ATG	TAA	0	0	
mORF_+_702976	702976	703068	+	1	93	GTG	TGA	0	0	
mORF_+_702992	702992	703042	+	2	51	TTG	TAA	0	0	
mORF_+_703065	703065	703073	+	3	9	ATG	TAA	0	0	
mORF_+_703105	703105	703131	+	1	27	TTG	TGA	0	0	
mORF_+_703128	703128	703145	+	3	18	TTG	TAG	0	0	
mORF_+_703167	703167	705113	+	3	1947	ATG	TAA	24	201	pORF_+_703167
mORF_+_703279	703279	703329	+	1	51	TTG	TAA	0	0	
mORF_+_703342	703342	703401	+	1	60	GTG	TAG	0	0	
mORF_+_703408	703408	703416	+	1	9	TTG	TAA	0	0	
mORF_+_703456	703456	703539	+	1	84	GTG	TGA	0	0	
mORF_+_703508	703508	703522	+	2	15	TTG	TAA	0	0	
mORF_+_703561	703561	703719	+	1	159	TTG	TGA	0	0	
mORF_+_703658	703658	703774	+	2	117	GTG	TGA	0	0	
mORF_+_703768	703768	703878	+	1	111	TTG	TGA	0	0	
mORF_+_703894	703894	703986	+	1	93	GTG	TGA	0	0	
mORF_+_703990	703990	703995	+	1	6	GTG	TGA	0	0	
mORF_+_704026	704026	704061	+	1	36	TTG	TGA	0	0	
mORF_+_704077	704077	704145	+	1	69	TTG	TGA	0	0	
mORF_+_704272	704272	704334	+	1	63	GTG	TGA	0	0	
mORF_+_704356	704356	704385	+	1	30	TTG	TGA	0	0	
mORF_+_704392	704392	704484	+	1	93	TTG	TAG	0	0	
mORF_+_704456	704456	704461	+	2	6	GTG	TAA	0	0	
mORF_+_704515	704515	704553	+	1	39	TTG	TGA	0	0	
mORF_+_704563	704563	704580	+	1	18	TTG	TAG	0	0	
mORF_+_704686	704686	704760	+	1	75	GTG	TGA	0	0	
mORF_+_704932	704932	704943	+	1	12	GTG	TAA	0	0	
mORF_+_705020	705020	705058	+	2	39	TTG	TAA	0	0	
mORF_+_705043	705043	705051	+	1	9	GTG	TGA	0	0	
mORF_+_705073	705073	705129	+	1	57	TTG	TGA	0	0	
mORF_+_705122	705122	705160	+	2	39	ATG	TGA	0	0	
mORF_+_705129	705129	705245	+	3	117	ATG	TAA	0	0	
mORF_+_705157	705157	705213	+	1	57	ATG	TAA	0	0	

mORF_+_705167	705167	705223	+	2	57	GTG	TAG	0	0	
mORF_+_705217	705217	705237	+	1	21	TTG	TAA	0	0	
mORF_+_705249	705249	705305	+	3	57	TTG	TGA	0	0	
mORF_+_705302	705302	705319	+	2	18	TTG	TGA	0	0	
mORF_+_705316	705316	706980	+	1	1665	ATG	TAA	96	850	pORF_+_705316
mORF_+_705320	705320	705466	+	2	147	GTG	TGA	0	0	
mORF_+_705498	705498	705524	+	3	27	GTG	TAA	0	0	
mORF_+_705548	705548	705574	+	2	27	ATG	TAG	0	0	
mORF_+_705576	705576	705602	+	3	27	GTG	TAA	0	0	
mORF_+_705626	705626	705658	+	2	33	TTG	TGA	0	0	
mORF_+_705680	705680	705691	+	2	12	TTG	TGA	0	0	
mORF_+_705767	705767	705871	+	2	105	TTG	TGA	0	0	
mORF_+_705902	705902	706102	+	2	201	TTG	TGA	0	0	
mORF_+_705930	705930	706013	+	3	84	GTG	TGA	0	0	
mORF_+_706163	706163	706264	+	2	102	TTG	TGA	0	0	
mORF_+_706283	706283	706366	+	2	84	TTG	TGA	0	0	
mORF_+_706466	706466	706567	+	2	102	GTG	TGA	0	0	
mORF_+_706473	706473	706481	+	3	9	TTG	TGA	0	0	
mORF_+_706592	706592	706645	+	2	54	ATG	TAA	0	0	
mORF_+_706661	706661	706696	+	2	36	ATG	TGA	0	0	
mORF_+_706706	706706	706789	+	2	84	ATG	TGA	0	0	
mORF_+_706823	706823	706840	+	2	18	TTG	TGA	0	0	
mORF_+_706844	706844	706972	+	2	129	ATG	TAG	0	0	
mORF_+_706995	706995	707264	+	3	270	ATG	TAA	0	0	
mORF_+_707002	707002	707109	+	1	108	ATG	TGA	0	0	
mORF_+_707116	707116	707127	+	1	12	GTG	TAG	0	0	
mORF_+_707284	707284	707289	+	1	6	ATG	TAA	0	0	
mORF_+_707301	707301	707354	+	3	54	TTG	TAA	0	0	
mORF_+_707358	707358	707363	+	3	6	TTG	TAA	0	0	
mORF_+_707380	707380	707427	+	1	48	ATG	TGA	0	0	
mORF_+_707382	707382	707462	+	3	81	GTG	TAG	0	0	
mORF_+_707520	707520	707570	+	3	51	TTG	TAG	0	0	
mORF_+_707557	707557	708963	+	1	1407	ATG	TGA	0	0	
mORF_+_707570	707570	707680	+	2	111	GTG	TAA	0	0	
mORF_+_707705	707705	707950	+	2	246	GTG	TAA	0	0	
mORF_+_707991	707991	708098	+	3	108	TTG	TGA	0	0	
mORF_+_708095	708095	708121	+	2	27	TTG	TGA	0	0	
mORF_+_708135	708135	708179	+	3	45	GTG	TGA	0	0	
mORF_+_708176	708176	708352	+	2	177	ATG	TAA	0	0	
mORF_+_708389	708389	708445	+	2	57	TTG	TGA	0	0	
mORF_+_708449	708449	708472	+	2	24	TTG	TAG	0	0	
mORF_+_708582	708582	708590	+	3	9	GTG	TAA	0	0	
mORF_+_708635	708635	708652	+	2	18	GTG	TGA	0	0	
mORF_+_708702	708702	708713	+	3	12	ATG	TAA	0	0	
mORF_+_708707	708707	708928	+	2	222	ATG	TGA	0	0	
mORF_+_708963	708963	709016	+	3	54	ATG	TGA	0	0	
mORF_+_708982	708982	709002	+	1	21	TTG	TGA	0	0	
mORF_+_709013	709013	709339	+	2	327	ATG	TAA	1	2	pORF_+_709013
mORF_+_709060	709060	709155	+	1	96	TTG	TGA	0	0	
mORF_+_709062	709062	709100	+	3	39	GTG	TGA	0	0	
mORF_+_709152	709152	709175	+	3	24	TTG	TAA	0	0	
mORF_+_709209	709209	709289	+	3	81	TTG	TGA	0	0	
mORF_+_709249	709249	709278	+	1	30	GTG	TGA	0	0	
mORF_+_709297	709297	709302	+	1	6	TTG	TGA	0	0	
mORF_+_709299	709299	709343	+	3	45	GTG	TGA	0	0	
mORF_+_709340	709340	709381	+	2	42	GTG	TAA	0	0	
mORF_+_709374	709374	709502	+	3	129	TTG	TAG	0	0	
mORF_+_709399	709399	709755	+	1	357	TTG	TAA	0	0	
mORF_+_709427	709427	709477	+	2	51	TTG	TGA	0	0	
mORF_+_709511	709511	709540	+	2	30	ATG	TGA	0	0	
mORF_+_709521	709521	709565	+	3	45	TTG	TAA	0	0	
mORF_+_709550	709550	709603	+	2	54	ATG	TGA	0	0	
mORF_+_709620	709620	709667	+	3	48	GTG	TGA	0	0	

mORF_+_709655	709655	709774	+	2	120	TTG	TGA	0	0	
mORF_+_709771	709771	709812	+	1	42	GTG	TAA	0	0	
mORF_+_709778	709778	709792	+	2	15	TTG	TGA	0	0	
mORF_+_709856	709856	709891	+	2	36	TTG	TAA	0	0	
mORF_+_709914	709914	710168	+	3	255	GTG	TGA	0	0	
mORF_+_709924	709924	709938	+	1	15	TTG	TAA	0	0	
mORF_+_709969	709969	710124	+	1	156	ATG	TAA	0	0	
mORF_+_710090	710090	710095	+	2	6	TTG	TAG	0	0	
mORF_+_710108	710108	710134	+	2	27	TTG	TAG	0	0	
mORF_+_710137	710137	710301	+	1	165	ATG	TGA	0	0	
mORF_+_710165	710165	710245	+	2	81	TTG	TGA	0	0	
mORF_+_710298	710298	710366	+	3	69	TTG	TGA	0	0	
mORF_+_710311	710311	710694	+	1	384	ATG	TGA	0	0	
mORF_+_710342	710342	710410	+	2	69	ATG	TAA	0	0	
mORF_+_710385	710385	710456	+	3	72	ATG	TGA	0	0	
mORF_+_710447	710447	710515	+	2	69	TTG	TAA	0	0	
mORF_+_710523	710523	710681	+	3	159	TTG	TGA	0	0	
mORF_+_710528	710528	710551	+	2	24	ATG	TAA	0	0	
mORF_+_710567	710567	710623	+	2	57	TTG	TGA	0	0	
mORF_+_710654	710654	710707	+	2	54	GTG	TGA	0	0	
mORF_+_710691	710691	710699	+	3	9	GTG	TAA	0	0	
mORF_+_710704	710704	710817	+	1	114	TTG	TGA	0	0	
mORF_+_710714	710714	710746	+	2	33	TTG	TAA	0	0	
mORF_+_710733	710733	710831	+	3	99	TTG	TAA	0	0	
mORF_+_710807	710807	710872	+	2	66	GTG	TAA	0	0	
mORF_+_710835	710835	710843	+	3	9	ATG	TGA	0	0	
mORF_+_710904	710904	711185	+	3	282	TTG	TAA	0	0	
mORF_+_711074	711074	711091	+	2	18	GTG	TAA	0	0	
mORF_+_711091	711091	711123	+	1	33	ATG	TGA	0	0	
mORF_+_711107	711107	711175	+	2	69	TTG	TAG	0	0	
mORF_+_711198	711198	711251	+	3	54	ATG	TAA	0	0	
mORF_+_711256	711256	711264	+	1	9	TTG	TAA	0	0	
mORF_+_711268	711268	711276	+	1	9	TTG	TAG	0	0	
mORF_+_711315	711315	711377	+	3	63	ATG	TAA	0	0	
mORF_+_711353	711353	711400	+	2	48	GTG	TAA	0	0	
mORF_+_711412	711412	711441	+	1	30	TTG	TGA	0	0	
mORF_+_711438	711438	711725	+	3	288	GTG	TAG	0	0	
mORF_+_711446	711446	711508	+	2	63	ATG	TAA	0	0	
mORF_+_711584	711584	711625	+	2	42	TTG	TGA	0	0	
mORF_+_711631	711631	711657	+	1	27	TTG	TGA	0	0	
mORF_+_711709	711709	711765	+	1	57	ATG	TGA	0	0	
mORF_+_711725	711725	711733	+	2	9	GTG	TAA	0	0	
mORF_+_711734	711734	711772	+	2	39	GTG	TAA	0	0	
mORF_+_711762	711762	711860	+	3	99	GTG	TGA	0	0	
mORF_+_711773	711773	711892	+	2	120	ATG	TGA	0	0	
mORF_+_711781	711781	711837	+	1	57	TTG	TAA	0	0	
mORF_+_711867	711867	712058	+	3	192	GTG	TAG	0	0	
mORF_+_711889	711889	711900	+	1	12	ATG	TGA	0	0	
mORF_+_711934	711934	712071	+	1	138	TTG	TGA	0	0	
mORF_+_711995	711995	712135	+	2	141	GTG	TGA	0	0	
mORF_+_712065	712065	712100	+	3	36	ATG	TAA	0	0	
mORF_+_712075	712075	712755	+	1	681	TTG	TAA	31	272	pORF_+_712075
mORF_+_712220	712220	712309	+	2	90	TTG	TGA	0	0	
mORF_+_712361	712361	712597	+	2	237	TTG	TGA	0	0	
mORF_+_712601	712601	712651	+	2	51	ATG	TGA	0	0	
mORF_+_712644	712644	712676	+	3	33	TTG	TAA	0	0	
mORF_+_712677	712677	712733	+	3	57	ATG	TGA	0	0	
mORF_+_712730	712730	714421	+	2	1692	TTG	TAA	79	614	pORF_+_712730
mORF_+_712740	712740	712829	+	3	90	TTG	TGA	0	0	
mORF_+_712860	712860	712868	+	3	9	ATG	TGA	0	0	
mORF_+_712884	712884	712901	+	3	18	ATG	TGA	0	0	
mORF_+_712923	712923	713207	+	3	285	GTG	TGA	0	0	
mORF_+_713020	713020	713034	+	1	15	TTG	TAA	0	0	

mORF_+_713235	713235	713336	+	3	102	ATG	TGA	0	0
mORF_+_713382	713382	713387	+	3	6	ATG	TGA	0	0
mORF_+_713436	713436	713468	+	3	33	TTG	TGA	0	0
mORF_+_713478	713478	713546	+	3	69	TTG	TGA	0	0
mORF_+_713592	713592	713735	+	3	144	TTG	TGA	0	0
mORF_+_713632	713632	713664	+	1	33	GTG	TGA	0	0
mORF_+_713794	713794	713820	+	1	27	GTG	TAA	0	0
mORF_+_713805	713805	713843	+	3	39	ATG	TGA	0	0
mORF_+_713850	713850	713882	+	3	33	GTG	TAG	0	0
mORF_+_713902	713902	714060	+	1	159	ATG	TAA	0	0
mORF_+_713907	713907	714185	+	3	279	TTG	TGA	0	0
mORF_+_714204	714204	714227	+	3	24	GTG	TGA	0	0
mORF_+_714246	714246	714266	+	3	21	GTG	TGA	0	0
mORF_+_714351	714351	714410	+	3	60	GTG	TGA	0	0
mORF_+_714470	714470	714619	+	2	150	ATG	TAG	0	0
mORF_+_714492	714492	714536	+	3	45	ATG	TGA	0	0
mORF_+_714520	714520	714615	+	1	96	ATG	TGA	0	0
mORF_+_714549	714549	714554	+	3	6	TTG	TAG	0	0
mORF_+_714635	714635	715129	+	2	495	ATG	TAA	0	0
mORF_+_714700	714700	714714	+	1	15	ATG	TGA	0	0
mORF_+_714783	714783	714791	+	3	9	TTG	TAA	0	0
mORF_+_714795	714795	714932	+	3	138	TTG	TAA	0	0
mORF_+_714808	714808	714813	+	1	6	GTG	TAA	0	0
mORF_+_714820	714820	714831	+	1	12	TTG	TGA	0	0
mORF_+_714940	714940	715011	+	1	72	TTG	TGA	0	0
mORF_+_715008	715008	715049	+	3	42	ATG	TGA	0	0
mORF_+_715053	715053	715109	+	3	57	ATG	TGA	0	0
mORF_+_715093	715093	715134	+	1	42	TTG	TAG	0	0
mORF_+_715134	715134	715268	+	3	135	GTG	TAA	0	0
mORF_+_715165	715165	715197	+	1	33	ATG	TGA	0	0
mORF_+_715181	715181	715222	+	2	42	ATG	TAA	0	0
mORF_+_715238	715238	715285	+	2	48	TTG	TGA	0	0
mORF_+_715282	715282	715350	+	1	69	GTG	TAG	0	0
mORF_+_715295	715295	715483	+	2	189	TTG	TAA	0	0
mORF_+_715326	715326	715361	+	3	36	TTG	TAA	0	0
mORF_+_715516	715516	715590	+	1	75	ATG	TGA	0	0
mORF_+_715551	715551	715610	+	3	60	TTG	TAA	0	0
mORF_+_715553	715553	715720	+	2	168	GTG	TAA	0	0
mORF_+_715603	715603	715614	+	1	12	ATG	TAA	0	0
mORF_+_715686	715686	715709	+	3	24	TTG	TAA	0	0
mORF_+_715737	715737	715757	+	3	21	ATG	TAA	0	0
mORF_+_715742	715742	715858	+	2	117	TTG	TGA	0	0
mORF_+_715744	715744	715806	+	1	63	GTG	TGA	0	0
mORF_+_715827	715827	715892	+	3	66	TTG	TAA	0	0
mORF_+_715834	715834	715911	+	1	78	TTG	TAA	0	0
mORF_+_715904	715904	715918	+	2	15	TTG	TGA	0	0
mORF_+_715915	715915	716040	+	1	126	ATG	TAA	0	0
mORF_+_715932	715932	716075	+	3	144	TTG	TAG	0	0
mORF_+_716053	716053	716106	+	1	54	TTG	TAA	0	0
mORF_+_716115	716115	716204	+	3	90	TTG	TGA	0	0
mORF_+_716161	716161	716172	+	1	12	TTG	TAA	0	0
mORF_+_716198	716198	716356	+	2	159	GTG	TAG	0	0
mORF_+_716242	716242	716289	+	1	48	ATG	TAA	0	0
mORF_+_716371	716371	716448	+	1	78	ATG	TGA	0	0
mORF_+_716378	716378	716407	+	2	30	ATG	TGA	0	0
mORF_+_716467	716467	716493	+	1	27	ATG	TGA	0	0
mORF_+_716477	716477	716497	+	2	21	GTG	TAA	0	0
mORF_+_716503	716503	716568	+	1	66	ATG	TAG	0	0
mORF_+_716525	716525	716560	+	2	36	GTG	TAG	0	0
mORF_+_716579	716579	716590	+	2	12	ATG	TAA	0	0
mORF_+_716602	716602	716778	+	1	177	ATG	TAA	0	0
mORF_+_716708	716708	716899	+	2	192	ATG	TAG	0	0
mORF_+_716902	716902	716937	+	1	36	ATG	TGA	0	0

mORF+_716930	716930	716974	+	2	45	GTG	TAA	0	0	
mORF+_716934	716934	717206	+	3	273	ATG	TGA	2	20	pORF+_716934
mORF+_716992	716992	717162	+	1	171	ATG	TAA	0	0	
mORF+_717203	717203	717232	+	2	30	GTG	TAA	0	0	
mORF+_717308	717308	717364	+	2	57	TTG	TAA	0	0	
mORF+_717365	717365	717406	+	2	42	TTG	TGA	0	0	
mORF+_717403	717403	717453	+	1	51	ATG	TGA	0	0	
mORF+_717466	717466	717483	+	1	18	TTG	TGA	0	0	
mORF+_717510	717510	717542	+	3	33	GTG	TAG	0	0	
mORF+_717515	717515	717778	+	2	264	TTG	TAA	0	0	
mORF+_717598	717598	717621	+	1	24	GTG	TGA	0	0	
mORF+_717618	717618	717647	+	3	30	TTG	TAA	0	0	
mORF+_717789	717789	717896	+	3	108	TTG	TGA	0	0	
mORF+_717797	717797	717958	+	2	162	TTG	TAG	0	0	
mORF+_717817	717817	718077	+	1	261	GTG	TAA	1	12	pORF+_717817
mORF+_717942	717942	717947	+	3	6	TTG	TAG	0	0	
mORF+_717948	717948	718028	+	3	81	ATG	TGA	0	0	
mORF+_718022	718022	718594	+	2	573	TTG	TGA	0	0	
mORF+_718032	718032	718223	+	3	192	TTG	TGA	0	0	
mORF+_718168	718168	718398	+	1	231	GTG	TAA	0	0	
mORF+_718386	718386	718490	+	3	105	TTG	TAG	0	0	
mORF+_718471	718471	718518	+	1	48	GTG	TAA	0	0	
mORF+_718500	718500	718550	+	3	51	GTG	TAA	0	0	
mORF+_718563	718563	718586	+	3	24	TTG	TGA	0	0	
mORF+_718591	718591	718638	+	1	48	GTG	TAA	0	0	
mORF+_718616	718616	718732	+	2	117	TTG	TGA	0	0	
mORF+_718726	718726	718932	+	1	207	ATG	TAA	0	0	
mORF+_718743	718743	718748	+	3	6	ATG	TAG	0	0	
mORF+_718757	718757	718816	+	2	60	ATG	TAA	0	0	
mORF+_718809	718809	718820	+	3	12	GTG	TGA	0	0	
mORF+_718910	718910	718987	+	2	78	GTG	TAG	0	0	
mORF+_718920	718920	718964	+	3	45	ATG	TAA	0	0	
mORF+_718948	718948	719007	+	1	60	GTG	TAG	0	0	
mORF+_718997	718997	719053	+	2	57	GTG	TAG	0	0	
mORF+_719010	719010	719108	+	3	99	TTG	TAG	0	0	
mORF+_719047	719047	719079	+	1	33	GTG	TAG	0	0	
mORF+_719083	719083	719124	+	1	42	ATG	TAA	0	0	
mORF+_719131	719131	719328	+	1	198	TTG	TGA	0	0	
mORF+_719138	719138	719398	+	2	261	ATG	TAA	0	0	
mORF+_719151	719151	719171	+	3	21	ATG	TGA	0	0	
mORF+_719202	719202	719252	+	3	51	TTG	TGA	0	0	
mORF+_719325	719325	719333	+	3	9	TTG	TAA	0	0	
mORF+_719341	719341	719496	+	1	156	GTG	TAG	0	0	
mORF+_719483	719483	719572	+	2	90	TTG	TAA	0	0	
mORF+_719511	719511	719519	+	3	9	ATG	TAA	0	0	
mORF+_719523	719523	719615	+	3	93	GTG	TAG	0	0	
mORF+_719551	719551	719556	+	1	6	ATG	TAA	0	0	
mORF+_719578	719578	719610	+	1	33	TTG	TAA	0	0	
mORF+_719631	719631	719774	+	3	144	GTG	TGA	0	0	
mORF+_719677	719677	719703	+	1	27	TTG	TAG	0	0	
mORF+_719744	719744	719836	+	2	93	GTG	TGA	0	0	
mORF+_719806	719806	720063	+	1	258	ATG	TGA	0	0	
mORF+_719829	719829	719861	+	3	33	GTG	TGA	0	0	
mORF+_719858	719858	719932	+	2	75	ATG	TAG	0	0	
mORF+_719951	719951	719962	+	2	12	TTG	TGA	0	0	
mORF+_719975	719975	719983	+	2	9	TTG	TGA	0	0	
mORF+_720003	720003	720026	+	3	24	TTG	TAG	0	0	
mORF+_720026	720026	720049	+	2	24	GTG	TAA	0	0	
mORF+_720063	720063	720068	+	3	6	ATG	TGA	0	0	
mORF+_720065	720065	720106	+	2	42	GTG	TGA	0	0	
mORF+_720069	720069	720113	+	3	45	ATG	TGA	0	0	
mORF+_720103	720103	720126	+	1	24	TTG	TAA	0	0	
mORF+_720110	720110	720133	+	2	24	GTG	TGA	0	0	

mORF+_720130	720130	720174	+	1	45	ATG	TAA	0	0
mORF+_720152	720152	720187	+	2	36	ATG	TGA	0	0
mORF+_720184	720184	720249	+	1	66	TTG	TAA	0	0
mORF+_720189	720189	720212	+	3	24	TTG	TAA	0	0
mORF+_720200	720200	720217	+	2	18	GTG	TAA	0	0
mORF+_720316	720316	720375	+	1	60	ATG	TAA	0	0
mORF+_720321	720321	720545	+	3	225	ATG	TAA	0	0
mORF+_720326	720326	720427	+	2	102	GTG	TAA	0	0
mORF+_720442	720442	720528	+	1	87	GTG	TGA	0	0
mORF+_720494	720494	720502	+	2	9	TTG	TGA	0	0
mORF+_720589	720589	720666	+	1	78	GTG	TAA	0	0
mORF+_720600	720600	720611	+	3	12	GTG	TAA	0	0
mORF+_720611	720611	720769	+	2	159	ATG	TAA	0	0
mORF+_720697	720697	721008	+	1	312	TTG	TAA	0	0
mORF+_720830	720830	720922	+	2	93	TTG	TAG	0	0
mORF+_720852	720852	720968	+	3	117	TTG	TGA	0	0
mORF+_720950	720950	721210	+	2	261	TTG	TAG	0	0
mORF+_721038	721038	721457	+	3	420	TTG	TGA	0	0
mORF+_721087	721087	721290	+	1	204	TTG	TAA	0	0
mORF+_721226	721226	721330	+	2	105	GTG	TAA	0	0
mORF+_721309	721309	721359	+	1	51	GTG	TGA	0	0
mORF+_721388	721388	721423	+	2	36	TTG	TAA	0	0
mORF+_721497	721497	721514	+	3	18	GTG	TGA	0	0
mORF+_721508	721508	721546	+	2	39	ATG	TGA	0	0
mORF+_721543	721543	721602	+	1	60	GTG	TAA	0	0
mORF+_721608	721608	721814	+	3	207	GTG	TAG	0	0
mORF+_721619	721619	721699	+	2	81	ATG	TAG	0	0
mORF+_721666	721666	721737	+	1	72	TTG	TAA	0	0
mORF+_721866	721866	721997	+	3	132	GTG	TGA	0	0
mORF+_721943	721943	721957	+	2	15	TTG	TAA	0	0
mORF+_721951	721951	722025	+	1	75	GTG	TAA	0	0
mORF+_722006	722006	722095	+	2	90	ATG	TAA	0	0
mORF+_722013	722013	722120	+	3	108	GTG	TAA	0	0
mORF+_722096	722096	722185	+	2	90	GTG	TAA	0	0
mORF+_722101	722101	722157	+	1	57	GTG	TAA	0	0
mORF+_722210	722210	722296	+	2	87	TTG	TGA	0	0
mORF+_722232	722232	722312	+	3	81	GTG	TAA	0	0
mORF+_722239	722239	722250	+	1	12	GTG	TAA	0	0
mORF+_722358	722358	722441	+	3	84	TTG	TGA	0	0
mORF+_722444	722444	722722	+	2	279	TTG	TAA	0	0
mORF+_722457	722457	722534	+	3	78	TTG	TGA	0	0
mORF+_722506	722506	722619	+	1	114	GTG	TAA	0	0
mORF+_722550	722550	722648	+	3	99	ATG	TAA	0	0
mORF+_722683	722683	722730	+	1	48	GTG	TGA	0	0
mORF+_722734	722734	723168	+	1	435	TTG	TGA	0	0
mORF+_722762	722762	722815	+	2	54	GTG	TGA	0	0
mORF+_722856	722856	723050	+	3	195	GTG	TAG	0	0
mORF+_722861	722861	722875	+	2	15	ATG	TAA	0	0
mORF+_722894	722894	723319	+	2	426	GTG	TAA	0	0
mORF+_723054	723054	723158	+	3	105	TTG	TGA	0	0
mORF+_723165	723165	723206	+	3	42	GTG	TGA	0	0
mORF+_723210	723210	723278	+	3	69	TTG	TGA	0	0
mORF+_723371	723371	723400	+	2	30	ATG	TAA	0	0
mORF+_723426	723426	723890	+	3	465	ATG	TAA	0	0
mORF+_723449	723449	723622	+	2	174	GTG	TAA	0	0
mORF+_723658	723658	723975	+	1	318	TTG	TAG	0	0
mORF+_723722	723722	723739	+	2	18	TTG	TGA	0	0
mORF+_723776	723776	723808	+	2	33	GTG	TGA	0	0
mORF+_723827	723827	723880	+	2	54	TTG	TAG	0	0
mORF+_723890	723890	723937	+	2	48	ATG	TGA	0	0
mORF+_723965	723965	724027	+	2	63	GTG	TAA	0	0
mORF+_724005	724005	724043	+	3	39	ATG	TAA	0	0
mORF+_724018	724018	724140	+	1	123	TTG	TAA	0	0

mORF_+_724043	724043	724153	+	2	111	ATG	TAA	0	0	
mORF_+_724110	724110	724160	+	3	51	TTG	TAA	0	0	
mORF_+_724172	724172	724207	+	2	36	ATG	TAA	0	0	
mORF_+_724201	724201	724248	+	1	48	ATG	TGA	0	0	
mORF_+_724245	724245	724292	+	3	48	ATG	TAA	0	0	
mORF_+_724314	724314	724340	+	3	27	ATG	TAA	0	0	
mORF_+_724389	724389	724742	+	3	354	TTG	TGA	0	0	
mORF_+_724411	724411	724440	+	1	30	TTG	TGA	0	0	
mORF_+_724427	724427	724456	+	2	30	ATG	TAA	0	0	
mORF_+_724468	724468	724491	+	1	24	TTG	TAA	0	0	
mORF_+_724571	724571	725347	+	2	777	GTG	TAG	0	0	
mORF_+_724756	724756	724851	+	1	96	ATG	TAA	0	0	
mORF_+_724764	724764	724985	+	3	222	TTG	TGA	0	0	
mORF_+_725058	725058	725309	+	3	252	ATG	TGA	0	0	
mORF_+_725248	725248	725295	+	1	48	GTG	TAA	0	0	
mORF_+_725320	725320	725325	+	1	6	GTG	TGA	0	0	
mORF_+_725322	725322	726215	+	3	894	GTG	TGA	0	0	
mORF_+_725467	725467	725511	+	1	45	TTG	TGA	0	0	
mORF_+_725554	725554	725574	+	1	21	TTG	TAG	0	0	
mORF_+_725629	725629	725682	+	1	54	GTG	TAA	0	0	
mORF_+_725770	725770	725787	+	1	18	GTG	TGA	0	0	
mORF_+_725806	725806	725823	+	1	18	ATG	TAA	0	0	
mORF_+_725885	725885	726187	+	2	303	TTG	TAA	0	0	
mORF_+_726097	726097	726114	+	1	18	TTG	TAA	0	0	
mORF_+_726223	726223	726816	+	1	594	GTG	TAA	0	0	
mORF_+_726245	726245	726328	+	2	84	TTG	TAA	0	0	
mORF_+_726335	726335	726466	+	2	132	GTG	TAA	0	0	
mORF_+_726387	726387	726506	+	3	120	GTG	TAA	0	0	
mORF_+_726572	726572	726598	+	2	27	ATG	TAA	0	0	
mORF_+_726603	726603	727094	+	3	492	ATG	TGA	1	3	pORF_+_726603
mORF_+_726695	726695	726781	+	2	87	TTG	TAA	0	0	
mORF_+_726877	726877	727035	+	1	159	ATG	TGA	0	0	
mORF_+_727022	727022	727081	+	2	60	GTG	TGA	0	0	
mORF_+_727078	727078	727293	+	1	216	ATG	TGA	0	0	
mORF_+_727166	727166	727249	+	2	84	TTG	TAA	0	0	
mORF_+_727230	727230	727316	+	3	87	ATG	TAA	0	0	
mORF_+_727309	727309	727353	+	1	45	ATG	TGA	0	0	
mORF_+_727323	727323	727424	+	3	102	TTG	TAG	0	0	
mORF_+_727397	727397	727438	+	2	42	GTG	TGA	0	0	
mORF_+_727435	727435	727581	+	1	147	GTG	TAG	0	0	
mORF_+_727548	727548	727559	+	3	12	TTG	TAA	0	0	
mORF_+_727588	727588	727605	+	1	18	GTG	TAA	0	0	
mORF_+_727608	727608	727889	+	3	282	TTG	TAA	0	0	
mORF_+_727615	727615	727701	+	1	87	TTG	TAG	0	0	
mORF_+_727682	727682	727690	+	2	9	GTG	TAA	0	0	
mORF_+_727744	727744	727974	+	1	231	ATG	TGA	0	0	
mORF_+_727808	727808	727864	+	2	57	GTG	TAA	0	0	
mORF_+_727944	727944	727985	+	3	42	TTG	TAA	0	0	
mORF_+_728046	728046	728165	+	3	120	GTG	TAA	0	0	
mORF_+_728057	728057	728065	+	2	9	GTG	TAA	0	0	
mORF_+_728068	728068	728085	+	1	18	GTG	TAG	0	0	
mORF_+_728126	728126	728131	+	2	6	GTG	TAA	0	0	
mORF_+_728169	728169	728198	+	3	30	ATG	TAA	0	0	
mORF_+_728191	728191	728214	+	1	24	TTG	TGA	0	0	
mORF_+_728211	728211	728261	+	3	51	ATG	TAG	0	0	
mORF_+_728215	728215	728220	+	1	6	ATG	TAA	0	0	
mORF_+_728246	728246	728257	+	2	12	GTG	TGA	0	0	
mORF_+_728254	728254	728514	+	1	261	ATG	TAA	0	0	
mORF_+_728318	728318	728335	+	2	18	GTG	TAG	0	0	
mORF_+_728357	728357	728563	+	2	207	ATG	TGA	0	0	
mORF_+_728409	728409	728570	+	3	162	ATG	TGA	0	0	
mORF_+_728521	728521	728553	+	1	33	GTG	TGA	0	0	
mORF_+_728560	728560	728577	+	1	18	TTG	TGA	0	0	

mORF_+_728564	728564	728719	+	2	156	TTG	TGA	0	0	
mORF_+_728574	728574	728648	+	3	75	TTG	TAG	0	0	
mORF_+_728629	728629	728682	+	1	54	ATG	TGA	0	0	
mORF_+_728679	728679	728693	+	3	15	ATG	TAA	0	0	
mORF_+_728706	728706	728735	+	3	30	TTG	TAA	0	0	
mORF_+_728798	728798	728809	+	2	12	ATG	TGA	0	0	
mORF_+_728806	728806	732999	+	1	4194	ATG	TAA	0	0	
mORF_+_728849	728849	728935	+	2	87	ATG	TGA	0	0	
mORF_+_728919	728919	728987	+	3	69	GTG	TGA	0	0	
mORF_+_728966	728966	729139	+	2	174	GTG	TGA	0	0	
mORF_+_729146	729146	729310	+	2	165	GTG	TAA	0	0	
mORF_+_729222	729222	729257	+	3	36	GTG	TGA	0	0	
mORF_+_729351	729351	729374	+	3	24	GTG	TGA	0	0	
mORF_+_729371	729371	729433	+	2	63	GTG	TGA	0	0	
mORF_+_729488	729488	729517	+	2	30	GTG	TGA	0	0	
mORF_+_729521	729521	729553	+	2	33	ATG	TGA	0	0	
mORF_+_729653	729653	729694	+	2	42	ATG	TGA	0	0	
mORF_+_729687	729687	729785	+	3	99	GTG	TGA	0	0	
mORF_+_729746	729746	729907	+	2	162	ATG	TGA	0	0	
mORF_+_729950	729950	729985	+	2	36	ATG	TGA	0	0	
mORF_+_729992	729992	730027	+	2	36	GTG	TGA	0	0	
mORF_+_730079	730079	730153	+	2	75	TTG	TGA	0	0	
mORF_+_730184	730184	730228	+	2	45	ATG	TAA	0	0	
mORF_+_730271	730271	730291	+	2	21	ATG	TGA	0	0	
mORF_+_730278	730278	730310	+	3	33	ATG	TGA	0	0	
mORF_+_730334	730334	730399	+	2	66	ATG	TGA	0	0	
mORF_+_730401	730401	730436	+	3	36	GTG	TGA	0	0	
mORF_+_730448	730448	730453	+	2	6	ATG	TAA	0	0	
mORF_+_730460	730460	730486	+	2	27	ATG	TGA	0	0	
mORF_+_730538	730538	730549	+	2	12	GTG	TAA	0	0	
mORF_+_730550	730550	730558	+	2	9	TTG	TGA	0	0	
mORF_+_730574	730574	730612	+	2	39	ATG	TGA	0	0	
mORF_+_730622	730622	730699	+	2	78	TTG	TGA	0	0	
mORF_+_730662	730662	730751	+	3	90	GTG	TGA	0	0	
mORF_+_730718	730718	730744	+	2	27	ATG	TGA	0	0	
mORF_+_730748	730748	730798	+	2	51	GTG	TGA	0	0	
mORF_+_730814	730814	730849	+	2	36	TTG	TGA	0	0	
mORF_+_730874	730874	730936	+	2	63	ATG	TGA	0	0	
mORF_+_730937	730937	730984	+	2	48	ATG	TGA	0	0	
mORF_+_730956	730956	730967	+	3	12	GTG	TGA	0	0	
mORF_+_731030	731030	731071	+	2	42	ATG	TGA	0	0	
mORF_+_731093	731093	731191	+	2	99	ATG	TGA	0	0	
mORF_+_731184	731184	731300	+	3	117	ATG	TGA	0	0	
mORF_+_731297	731297	731350	+	2	54	ATG	TGA	0	0	
mORF_+_731574	731574	731585	+	3	12	GTG	TAA	0	0	
mORF_+_731597	731597	731641	+	2	45	GTG	TGA	0	0	
mORF_+_731684	731684	731842	+	2	159	ATG	TGA	0	0	
mORF_+_731820	731820	731831	+	3	12	ATG	TGA	0	0	
mORF_+_731981	731981	732139	+	2	159	TTG	TGA	0	0	
mORF_+_732140	732140	732178	+	2	39	GTG	TGA	0	0	
mORF_+_732168	732168	732320	+	3	153	GTG	TGA	0	0	
mORF_+_732317	732317	732337	+	2	21	ATG	TGA	0	0	
mORF_+_732321	732321	732329	+	3	9	ATG	TAA	0	0	
mORF_+_732338	732338	732481	+	2	144	ATG	TGA	0	0	
mORF_+_732489	732489	732566	+	3	78	ATG	TAA	0	0	
mORF_+_732593	732593	732814	+	2	222	GTG	TAA	1	2	pORF_+_732593
mORF_+_732615	732615	732662	+	3	48	ATG	TAA	0	0	
mORF_+_732675	732675	732734	+	3	60	TTG	TAA	0	0	
mORF_+_732768	732768	732773	+	3	6	TTG	TGA	0	0	
mORF_+_732795	732795	732827	+	3	33	TTG	TAA	0	0	
mORF_+_732914	732914	732925	+	2	12	ATG	TAG	0	0	
mORF_+_732930	732930	732935	+	3	6	ATG	TAA	0	0	
mORF_+_732942	732942	732956	+	3	15	GTG	TAA	0	0	

mORF_+_732959	732959	732994	+	2	36	TTG	TGA	0	0	
mORF_+_732999	732999	733325	+	3	327	ATG	TAA	0	0	
mORF_+_733031	733031	733075	+	2	45	ATG	TAG	0	0	
mORF_+_733099	733099	733107	+	1	9	GTG	TGA	0	0	
mORF_+_733132	733132	733140	+	1	9	ATG	TGA	0	0	
mORF_+_733148	733148	733228	+	2	81	ATG	TGA	0	0	
mORF_+_733177	733177	733185	+	1	9	TTG	TAA	0	0	
mORF_+_733213	733213	733221	+	1	9	TTG	TAA	0	0	
mORF_+_733225	733225	733251	+	1	27	TTG	TAA	0	0	
mORF_+_733256	733256	733306	+	2	51	ATG	TAA	0	0	
mORF_+_733294	733294	733302	+	1	9	TTG	TAA	0	0	
mORF_+_733336	733336	733512	+	1	177	TTG	TGA	0	0	
mORF_+_733352	733352	733357	+	2	6	ATG	TAA	0	0	
mORF_+_733443	733443	734876	+	3	1434	ATG	TGA	0	0	
mORF_+_733445	733445	733456	+	2	12	GTG	TAA	0	0	
mORF_+_733555	733555	733713	+	1	159	ATG	TGA	0	0	
mORF_+_733691	733691	733702	+	2	12	GTG	TGA	0	0	
mORF_+_733852	733852	734010	+	1	159	TTG	TGA	0	0	
mORF_+_734011	734011	734049	+	1	39	GTG	TGA	0	0	
mORF_+_734039	734039	734191	+	2	153	GTG	TGA	0	0	
mORF_+_734146	734146	734208	+	1	63	TTG	TGA	0	0	
mORF_+_734192	734192	734212	+	2	21	ATG	TGA	0	0	
mORF_+_734209	734209	734352	+	1	144	ATG	TGA	0	0	
mORF_+_734360	734360	734443	+	2	84	ATG	TAA	0	0	
mORF_+_734428	734428	734439	+	1	12	ATG	TAA	0	0	
mORF_+_734443	734443	734508	+	1	66	ATG	TAG	0	0	
mORF_+_734536	734536	734589	+	1	54	TTG	TAA	0	0	
mORF_+_734612	734612	734659	+	2	48	TTG	TGA	0	0	
mORF_+_734656	734656	734814	+	1	159	ATG	TAG	0	0	
mORF_+_734717	734717	734782	+	2	66	TTG	TAA	0	0	
mORF_+_734815	734815	734835	+	1	21	ATG	TAG	0	0	
mORF_+_734873	734873	735442	+	2	570	ATG	TAA	0	0	
mORF_+_734907	734907	734927	+	3	21	TTG	TAG	0	0	
mORF_+_734932	734932	734949	+	1	18	TTG	TAA	0	0	
mORF_+_734955	734955	735011	+	3	57	ATG	TAA	0	0	
mORF_+_734959	734959	734979	+	1	21	TTG	TAA	0	0	
mORF_+_735025	735025	735045	+	1	21	GTG	TGA	0	0	
mORF_+_735042	735042	735128	+	3	87	ATG	TAA	0	0	
mORF_+_735064	735064	735090	+	1	27	TTG	TAA	0	0	
mORF_+_735153	735153	735191	+	3	39	ATG	TGA	0	0	
mORF_+_735273	735273	735320	+	3	48	GTG	TAA	0	0	
mORF_+_735333	735333	735359	+	3	27	ATG	TGA	0	0	
mORF_+_735381	735381	735401	+	3	21	ATG	TAA	0	0	
mORF_+_735394	735394	735417	+	1	24	ATG	TGA	0	0	
mORF_+_735414	735414	735422	+	3	9	ATG	TAA	0	0	
mORF_+_735429	735429	735455	+	3	27	GTG	TGA	0	0	
mORF_+_735472	735472	735477	+	1	6	TTG	TGA	0	0	
mORF_+_735474	735474	735542	+	3	69	GTG	TAA	0	0	
mORF_+_735493	735493	735501	+	1	9	ATG	TAG	0	0	
mORF_+_735502	735502	735561	+	1	60	GTG	TAA	0	0	
mORF_+_735587	735587	735658	+	2	72	TTG	TAA	0	0	
mORF_+_735660	735660	735686	+	3	27	GTG	TGA	0	0	
mORF_+_735668	735668	735922	+	2	255	ATG	TAA	0	0	
mORF_+_735769	735769	735855	+	1	87	TTG	TGA	0	0	
mORF_+_735771	735771	735809	+	3	39	GTG	TAG	0	0	
mORF_+_735849	735849	735941	+	3	93	ATG	TAA	0	0	
mORF_+_735956	735956	735970	+	2	15	ATG	TGA	0	0	
mORF_+_735967	735967	736038	+	1	72	TTG	TAA	0	0	
mORF_+_736040	736040	736066	+	2	27	GTG	TGA	0	0	
mORF_+_736048	736048	736101	+	1	54	ATG	TAA	0	0	
mORF_+_736123	736123	737184	+	1	1062	TTG	TAA	1	5	pORF_+_736123
mORF_+_736151	736151	736189	+	2	39	TTG	TAG	0	0	
mORF_+_736176	736176	736235	+	3	60	TTG	TGA	0	0	

mORF_+_736229	736229	736633	+	2	405	ATG	TAA	0	0
mORF_+_736311	736311	736322	+	3	12	GTG	TAA	0	0
mORF_+_736335	736335	736352	+	3	18	TTG	TGA	0	0
mORF_+_736572	736572	736616	+	3	45	TTG	TGA	0	0
mORF_+_736664	736664	736684	+	2	21	TTG	TGA	0	0
mORF_+_736706	736706	736723	+	2	18	ATG	TGA	0	0
mORF_+_736724	736724	736819	+	2	96	GTG	TGA	0	0
mORF_+_736767	736767	736781	+	3	15	TTG	TGA	0	0
mORF_+_736806	736806	736913	+	3	108	ATG	TGA	0	0
mORF_+_737000	737000	737020	+	2	21	ATG	TAA	0	0
mORF_+_737084	737084	737110	+	2	27	ATG	TAA	0	0
mORF_+_737162	737162	737236	+	2	75	TTG	TGA	0	0
mORF_+_737199	737199	737207	+	3	9	TTG	TAA	0	0
mORF_+_737233	737233	737304	+	1	72	TTG	TAA	0	0
mORF_+_737268	737268	737300	+	3	33	TTG	TAA	0	0
mORF_+_737315	737315	738076	+	2	762	ATG	TAG	0	0
mORF_+_737416	737416	737502	+	1	87	TTG	TGA	0	0
mORF_+_737418	737418	737456	+	3	39	GTG	TAG	0	0
mORF_+_737463	737463	737489	+	3	27	TTG	TGA	0	0
mORF_+_737496	737496	737900	+	3	405	ATG	TAA	0	0
mORF_+_737839	737839	737883	+	1	45	TTG	TGA	0	0
mORF_+_737973	737973	738095	+	3	123	ATG	TAG	0	0
mORF_+_738034	738034	738048	+	1	15	TTG	TGA	0	0
mORF_+_738088	738088	738138	+	1	51	ATG	TAA	0	0
mORF_+_738116	738116	738163	+	2	48	TTG	TAA	0	0
mORF_+_738141	738141	738206	+	3	66	TTG	TAA	0	0
mORF_+_738224	738224	738733	+	2	510	ATG	TGA	0	0
mORF_+_738240	738240	738257	+	3	18	TTG	TAA	0	0
mORF_+_738267	738267	738293	+	3	27	TTG	TGA	0	0
mORF_+_738300	738300	738308	+	3	9	ATG	TAA	0	0
mORF_+_738387	738387	738461	+	3	75	TTG	TAG	0	0
mORF_+_738415	738415	738432	+	1	18	GTG	TGA	0	0
mORF_+_738462	738462	738512	+	3	51	TTG	TGA	0	0
mORF_+_738543	738543	738623	+	3	81	TTG	TGA	0	0
mORF_+_738691	738691	738708	+	1	18	TTG	TAA	0	0
mORF_+_738699	738699	738704	+	3	6	GTG	TGA	0	0
mORF_+_738730	738730	740148	+	1	1419	ATG	TAA	0	0
mORF_+_738852	738852	738866	+	3	15	GTG	TAA	0	0
mORF_+_738896	738896	738907	+	2	12	ATG	TGA	0	0
mORF_+_738908	738908	738922	+	2	15	ATG	TAG	0	0
mORF_+_738926	738926	738991	+	2	66	TTG	TAG	0	0
mORF_+_739002	739002	739037	+	3	36	GTG	TAA	0	0
mORF_+_739046	739046	739054	+	2	9	ATG	TGA	0	0
mORF_+_739055	739055	739129	+	2	75	ATG	TGA	0	0
mORF_+_739104	739104	739109	+	3	6	GTG	TGA	0	0
mORF_+_739196	739196	739207	+	2	12	ATG	TGA	0	0
mORF_+_739233	739233	739259	+	3	27	GTG	TAG	0	0
mORF_+_739355	739355	739558	+	2	204	TTG	TGA	0	0
mORF_+_739374	739374	739400	+	3	27	TTG	TGA	0	0
mORF_+_739482	739482	739505	+	3	24	GTG	TGA	0	0
mORF_+_739605	739605	739610	+	3	6	GTG	TAA	0	0
mORF_+_739625	739625	739768	+	2	144	TTG	TGA	0	0
mORF_+_739647	739647	739712	+	3	66	GTG	TGA	0	0
mORF_+_739844	739844	740059	+	2	216	TTG	TGA	0	0
mORF_+_739881	739881	739958	+	3	78	GTG	TGA	0	0
mORF_+_739983	739983	740027	+	3	45	GTG	TGA	0	0
mORF_+_740031	740031	740126	+	3	96	GTG	TGA	0	0
mORF_+_740123	740123	740329	+	2	207	ATG	TGA	0	0
mORF_+_740175	740175	740192	+	3	18	ATG	TGA	0	0
mORF_+_740182	740182	740301	+	1	120	ATG	TAA	0	0
mORF_+_740217	740217	740231	+	3	15	GTG	TAA	0	0
mORF_+_740381	740381	740395	+	2	15	GTG	TAA	0	0
mORF_+_740397	740397	740540	+	3	144	TTG	TAA	0	0

mORF+_740417	740417	740425	+	2	9	ATG	TGA	0	0	
mORF+_740422	740422	740433	+	1	12	TTG	TAG	0	0	
mORF+_740434	740434	740475	+	1	42	TTG	TGA	0	0	
mORF+_740468	740468	740575	+	2	108	ATG	TAA	0	0	
mORF+_740524	740524	740529	+	1	6	ATG	TAG	0	0	
mORF+_740530	740530	740661	+	1	132	ATG	TGA	0	0	
mORF+_740577	740577	740636	+	3	60	TTG	TAA	0	0	
mORF+_740645	740645	740818	+	2	174	GTG	TAA	0	0	
mORF+_740658	740658	740690	+	3	33	GTG	TAA	0	0	
mORF+_740698	740698	740865	+	1	168	ATG	TAA	0	0	
mORF+_740925	740925	741062	+	3	138	TTG	TAA	0	0	
mORF+_740927	740927	740953	+	2	27	GTG	TGA	0	0	
mORF+_740959	740959	741018	+	1	60	GTG	TAA	0	0	
mORF+_741023	741023	741046	+	2	24	TTG	TAA	0	0	
mORF+_741094	741094	741201	+	1	108	ATG	TGA	0	0	
mORF+_741104	741104	741187	+	2	84	GTG	TAA	0	0	
mORF+_741198	741198	741224	+	3	27	ATG	TAA	0	0	
mORF+_741202	741202	741210	+	1	9	GTG	TGA	0	0	
mORF+_741214	741214	741303	+	1	90	TTG	TAA	0	0	
mORF+_741317	741317	741325	+	2	9	GTG	TAA	0	0	
mORF+_741386	741386	741424	+	2	39	TTG	TAG	0	0	
mORF+_741476	741476	741601	+	2	126	ATG	TGA	0	0	
mORF+_741483	741483	741632	+	3	150	ATG	TAA	0	0	
mORF+_741550	741550	741621	+	1	72	ATG	TAG	0	0	
mORF+_741642	741642	741662	+	3	21	GTG	TAG	0	0	
mORF+_741652	741652	741666	+	1	15	TTG	TGA	0	0	
mORF+_741663	741663	741764	+	3	102	TTG	TGA	0	0	
mORF+_741667	741667	741678	+	1	12	TTG	TAG	0	0	
mORF+_741697	741697	741705	+	1	9	ATG	TAA	0	0	
mORF+_741761	741761	741781	+	2	21	GTG	TAA	0	0	
mORF+_741768	741768	741812	+	3	45	GTG	TAA	0	0	
mORF+_741793	741793	741867	+	1	75	TTG	TGA	0	0	
mORF+_741816	741816	741842	+	3	27	TTG	TAA	0	0	
mORF+_741874	741874	741891	+	1	18	ATG	TGA	0	0	
mORF+_741881	741881	741910	+	2	30	ATG	TAG	0	0	
mORF+_741892	741892	741921	+	1	30	TTG	TGA	0	0	
mORF+_741918	741918	741929	+	3	12	GTG	TAA	0	0	
mORF+_741935	741935	742024	+	2	90	TTG	TAG	0	0	
mORF+_741979	741979	742005	+	1	27	TTG	TAA	0	0	
mORF+_742050	742050	742793	+	3	744	ATG	TAA	30	210	pORF+_742050
mORF+_742108	742108	742284	+	1	177	GTG	TGA	0	0	
mORF+_742315	742315	742449	+	1	135	ATG	TGA	0	0	
mORF+_742436	742436	742489	+	2	54	GTG	TGA	0	0	
mORF+_742486	742486	742728	+	1	243	TTG	TGA	1	3	pORF+_742486
mORF+_742514	742514	742537	+	2	24	ATG	TGA	0	0	
mORF+_742559	742559	742591	+	2	33	GTG	TAG	0	0	
mORF+_742733	742733	742744	+	2	12	GTG	TGA	0	0	
mORF+_742741	742741	742764	+	1	24	ATG	TGA	0	0	
mORF+_742771	742771	742800	+	1	30	TTG	TAA	0	0	
mORF+_742816	742816	743472	+	1	657	GTG	TGA	5	19	pORF+_742816
mORF+_742830	742830	742847	+	3	18	TTG	TGA	0	0	
mORF+_742844	742844	742858	+	2	15	GTG	TAG	0	0	
mORF+_742940	742940	742966	+	2	27	ATG	TGA	0	0	
mORF+_743012	743012	743020	+	2	9	ATG	TAG	0	0	
mORF+_743037	743037	743081	+	3	45	GTG	TGA	0	0	
mORF+_743078	743078	743149	+	2	72	TTG	TGA	0	0	
mORF+_743139	743139	743168	+	3	30	TTG	TGA	0	0	
mORF+_743162	743162	743206	+	2	45	TTG	TAG	0	0	
mORF+_743327	743327	743365	+	2	39	GTG	TGA	0	0	
mORF+_743366	743366	743587	+	2	222	TTG	TAA	0	0	
mORF+_743466	743466	744398	+	3	933	ATG	TGA	6	16	pORF+_743466
mORF+_743482	743482	743646	+	1	165	GTG	TAA	0	0	
mORF+_743650	743650	743682	+	1	33	TTG	TGA	0	0	

mORF_+_743669	743669	743713	+	2	45	GTG	TGA	0	0	
mORF_+_743686	743686	743748	+	1	63	GTG	TGA	0	0	
mORF_+_743815	743815	743838	+	1	24	GTG	TAA	0	0	
mORF_+_743846	743846	743908	+	2	63	ATG	TGA	0	0	
mORF_+_743872	743872	743898	+	1	27	TTG	TGA	0	0	
mORF_+_743902	743902	744114	+	1	213	ATG	TAA	0	0	
mORF_+_743972	743972	744016	+	2	45	GTG	TGA	0	0	
mORF_+_744193	744193	744201	+	1	9	TTG	TGA	0	0	
mORF_+_744223	744223	744333	+	1	111	GTG	TAA	0	0	
mORF_+_744311	744311	744364	+	2	54	GTG	TGA	0	0	
mORF_+_744361	744361	744372	+	1	12	TTG	TAG	0	0	
mORF_+_744374	744374	744391	+	2	18	GTG	TGA	0	0	
mORF_+_744388	744388	745122	+	1	735	ATG	TAA	0	0	
mORF_+_744395	744395	744403	+	2	9	TTG	TGA	0	0	
mORF_+_744470	744470	744532	+	2	63	TTG	TAA	0	0	
mORF_+_744513	744513	744524	+	3	12	TTG	TGA	0	0	
mORF_+_744536	744536	744685	+	2	150	ATG	TAA	0	0	
mORF_+_744692	744692	744790	+	2	99	ATG	TGA	0	0	
mORF_+_744774	744774	744890	+	3	117	TTG	TGA	0	0	
mORF_+_744824	744824	744847	+	2	24	GTG	TGA	0	0	
mORF_+_744866	744866	744928	+	2	63	TTG	TGA	0	0	
mORF_+_744929	744929	745132	+	2	204	TTG	TAA	0	0	
mORF_+_745005	745005	745142	+	3	138	ATG	TGA	0	0	
mORF_+_745139	745139	745165	+	2	27	ATG	TGA	0	0	
mORF_+_745158	745158	745949	+	3	792	ATG	TAG	4	8	pORF_+_745158
mORF_+_745183	745183	745227	+	1	45	GTG	TAA	0	0	
mORF_+_745231	745231	745257	+	1	27	ATG	TAA	0	0	
mORF_+_745297	745297	745326	+	1	30	ATG	TAA	0	0	
mORF_+_745390	745390	745434	+	1	45	TTG	TAA	0	0	
mORF_+_745483	745483	745494	+	1	12	TTG	TGA	0	0	
mORF_+_745534	745534	745563	+	1	30	TTG	TGA	0	0	
mORF_+_745618	745618	745701	+	1	84	TTG	TGA	0	0	
mORF_+_745729	745729	745980	+	1	252	ATG	TAA	0	0	
mORF_+_745868	745868	745894	+	2	27	GTG	TGA	0	0	
mORF_+_745928	745928	745975	+	2	48	GTG	TGA	0	0	
mORF_+_745989	745989	746120	+	3	132	ATG	TAG	0	0	
mORF_+_746030	746030	746218	+	2	189	TTG	TAG	0	0	
mORF_+_746136	746136	746333	+	3	198	ATG	TGA	0	0	
mORF_+_746227	746227	746325	+	1	99	GTG	TGA	0	0	
mORF_+_746243	746243	746314	+	2	72	TTG	TAG	0	0	
mORF_+_746367	746367	746600	+	3	234	ATG	TAA	0	0	
mORF_+_746477	746477	746674	+	2	198	ATG	TGA	0	0	
mORF_+_746620	746620	746757	+	1	138	TTG	TGA	0	0	
mORF_+_746703	746703	747323	+	3	621	ATG	TAA	0	0	
mORF_+_746792	746792	746905	+	2	114	TTG	TAA	0	0	
mORF_+_746921	746921	746956	+	2	36	ATG	TGA	0	0	
mORF_+_746953	746953	747039	+	1	87	GTG	TAA	0	0	
mORF_+_747109	747109	747153	+	1	45	ATG	TAG	0	0	
mORF_+_747196	747196	747234	+	1	39	ATG	TAG	0	0	
mORF_+_747253	747253	747300	+	1	48	ATG	TAA	0	0	
mORF_+_747353	747353	747403	+	2	51	ATG	TGA	0	0	
mORF_+_747418	747418	747426	+	1	9	GTG	TGA	0	0	
mORF_+_747423	747423	747533	+	3	111	TTG	TGA	0	0	
mORF_+_747439	747439	747591	+	1	153	TTG	TGA	0	0	
mORF_+_747470	747470	747499	+	2	30	TTG	TAA	0	0	
mORF_+_747521	747521	747547	+	2	27	GTG	TGA	0	0	
mORF_+_747588	747588	747716	+	3	129	ATG	TAA	0	0	
mORF_+_747706	747706	747750	+	1	45	TTG	TGA	0	0	
mORF_+_747747	747747	748094	+	3	348	ATG	TGA	0	0	
mORF_+_747778	747778	747819	+	1	42	TTG	TAA	0	0	
mORF_+_747826	747826	747888	+	1	63	ATG	TAA	0	0	
mORF_+_747898	747898	747918	+	1	21	TTG	TGA	0	0	
mORF_+_747902	747902	748021	+	2	120	ATG	TAA	0	0	

mORF_+_747982	747982	748008	+	1	27	TTG	TAG	0	0
mORF_+_748054	748054	748083	+	1	30	TTG	TGA	0	0
mORF_+_748115	748115	748177	+	2	63	ATG	TGA	0	0
mORF_+_748174	748174	748248	+	1	75	ATG	TGA	0	0
mORF_+_748220	748220	748225	+	2	6	TTG	TAA	0	0
mORF_+_748232	748232	748264	+	2	33	TTG	TAA	0	0
mORF_+_748245	748245	748274	+	3	30	TTG	TAA	0	0
mORF_+_748264	748264	748332	+	1	69	ATG	TGA	0	0
mORF_+_748281	748281	748286	+	3	6	ATG	TAA	0	0
mORF_+_748320	748320	748403	+	3	84	GTG	TAG	0	0
mORF_+_748345	748345	748365	+	1	21	GTG	TGA	0	0
mORF_+_748407	748407	748418	+	3	12	ATG	TAA	0	0
mORF_+_748438	748438	748464	+	1	27	GTG	TGA	0	0
mORF_+_748445	748445	748471	+	2	27	TTG	TAA	0	0
mORF_+_748449	748449	748544	+	3	96	TTG	TGA	0	0
mORF_+_748507	748507	748533	+	1	27	ATG	TAA	0	0
mORF_+_748541	748541	748621	+	2	81	TTG	TAG	0	0
mORF_+_748608	748608	748613	+	3	6	TTG	TAG	0	0
mORF_+_748643	748643	748654	+	2	12	TTG	TGA	0	0
mORF_+_748645	748645	748710	+	1	66	GTG	TAG	0	0
mORF_+_748647	748647	748706	+	3	60	GTG	TGA	0	0
mORF_+_748658	748658	748897	+	2	240	TTG	TAA	0	0
mORF_+_748788	748788	749006	+	3	219	TTG	TAA	0	0
mORF_+_748849	748849	748890	+	1	42	GTG	TGA	0	0
mORF_+_748924	748924	748944	+	1	21	ATG	TAA	0	0
mORF_+_748948	748948	748959	+	1	12	ATG	TAA	0	0
mORF_+_748970	748970	749002	+	2	33	TTG	TGA	0	0
mORF_+_748999	748999	749064	+	1	66	ATG	TAA	0	0
mORF_+_749006	749006	749044	+	2	39	ATG	TGA	0	0
mORF_+_749071	749071	749205	+	1	135	ATG	TGA	0	0
mORF_+_749102	749102	749149	+	2	48	ATG	TGA	0	0
mORF_+_749159	749159	749212	+	2	54	TTG	TAA	0	0
mORF_+_749202	749202	749243	+	3	42	GTG	TGA	0	0
mORF_+_749240	749240	749314	+	2	75	TTG	TAA	0	0
mORF_+_749339	749339	749359	+	2	21	ATG	TAG	0	0
mORF_+_749347	749347	749550	+	1	204	ATG	TGA	0	0
mORF_+_749366	749366	749374	+	2	9	TTG	TGA	0	0
mORF_+_749399	749399	749443	+	2	45	GTG	TGA	0	0
mORF_+_749415	749415	749471	+	3	57	GTG	TGA	0	0
mORF_+_749468	749468	749506	+	2	39	GTG	TAA	0	0
mORF_+_749557	749557	749796	+	1	240	GTG	TGA	0	0
mORF_+_749588	749588	749704	+	2	117	TTG	TAG	0	0
mORF_+_749756	749756	749779	+	2	24	TTG	TAG	0	0
mORF_+_749789	749789	749893	+	2	105	TTG	TGA	0	0
mORF_+_749793	749793	749840	+	3	48	ATG	TAA	0	0
mORF_+_749890	749890	749898	+	1	9	TTG	TAG	0	0
mORF_+_749903	749903	749911	+	2	9	TTG	TAA	0	0
mORF_+_749915	749915	750001	+	2	87	TTG	TGA	0	0
mORF_+_749925	749925	749933	+	3	9	GTG	TAA	0	0
mORF_+_749938	749938	749952	+	1	15	TTG	TAA	0	0
mORF_+_749998	749998	750039	+	1	42	GTG	TGA	0	0
mORF_+_750011	750011	750019	+	2	9	TTG	TAG	0	0
mORF_+_750065	750065	750097	+	2	33	GTG	TAA	0	0
mORF_+_750085	750085	750114	+	1	30	TTG	TAA	0	0
mORF_+_750142	750142	750270	+	1	129	ATG	TGA	0	0
mORF_+_750158	750158	750226	+	2	69	GTG	TAG	0	0
mORF_+_750174	750174	750299	+	3	126	GTG	TAA	0	0
mORF_+_750263	750263	750322	+	2	60	GTG	TGA	0	0
mORF_+_750319	750319	750327	+	1	9	TTG	TGA	0	0
mORF_+_750324	750324	750452	+	3	129	GTG	TGA	0	0
mORF_+_750329	750329	750346	+	2	18	ATG	TGA	0	0
mORF_+_750419	750419	750469	+	2	51	TTG	TGA	0	0
mORF_+_750479	750479	750526	+	2	48	TTG	TAA	0	0

mORF+_750527	750527	750544	+	2	18	ATG	TGA	0	0
mORF+_750541	750541	750618	+	1	78	TTG	TAA	0	0
mORF+_750557	750557	750598	+	2	42	GTG	TAG	0	0
mORF+_750570	750570	750584	+	3	15	GTG	TAA	0	0
mORF+_750588	750588	750683	+	3	96	GTG	TGA	0	0
mORF+_750674	750674	750742	+	2	69	TTG	TAG	0	0
mORF+_750718	750718	750726	+	1	9	TTG	TAA	0	0
mORF+_750726	750726	750797	+	3	72	ATG	TAA	0	0
mORF+_750743	750743	750805	+	2	63	GTG	TAA	0	0
mORF+_750769	750769	750816	+	1	48	ATG	TAA	0	0
mORF+_750822	750822	750836	+	3	15	ATG	TAA	0	0
mORF+_750866	750866	750895	+	2	30	GTG	TAG	0	0
mORF+_750885	750885	750953	+	3	69	GTG	TAG	0	0
mORF+_750911	750911	750916	+	2	6	TTG	TAA	0	0
mORF+_750976	750976	751116	+	1	141	GTG	TAA	0	0
mORF+_751022	751022	751030	+	2	9	TTG	TGA	0	0
mORF+_751037	751037	751099	+	2	63	TTG	TGA	0	0
mORF+_751086	751086	751145	+	3	60	GTG	TGA	0	0
mORF+_751142	751142	751384	+	2	243	TTG	TAA	0	0
mORF+_751149	751149	751184	+	3	36	ATG	TAA	0	0
mORF+_751174	751174	751269	+	1	96	TTG	TAA	0	0
mORF+_751272	751272	751322	+	3	51	ATG	TGA	0	0
mORF+_751335	751335	751355	+	3	21	TTG	TGA	0	0
mORF+_751394	751394	751483	+	2	90	GTG	TAG	0	0
mORF+_751431	751431	751448	+	3	18	ATG	TAA	0	0
mORF+_751501	751501	751818	+	1	318	GTG	TGA	0	0
mORF+_751524	751524	751562	+	3	39	TTG	TGA	0	0
mORF+_751562	751562	751690	+	2	129	ATG	TAG	0	0
mORF+_751697	751697	751705	+	2	9	TTG	TAG	0	0
mORF+_751815	751815	752033	+	3	219	ATG	TAA	0	0
mORF+_751838	751838	751846	+	2	9	TTG	TGA	0	0
mORF+_751843	751843	751887	+	1	45	GTG	TGA	0	0
mORF+_751898	751898	751909	+	2	12	GTG	TAA	0	0
mORF+_751961	751961	751969	+	2	9	GTG	TGA	0	0
mORF+_751966	751966	752046	+	1	81	GTG	TAG	0	0
mORF+_751988	751988	752014	+	2	27	GTG	TAA	0	0
mORF+_752074	752074	752094	+	1	21	TTG	TAG	0	0
mORF+_752081	752081	752104	+	2	24	TTG	TAA	0	0
mORF+_752097	752097	752153	+	3	57	TTG	TGA	0	0
mORF+_752110	752110	752166	+	1	57	TTG	TGA	0	0
mORF+_752126	752126	752137	+	2	12	ATG	TAA	0	0
mORF+_752150	752150	752173	+	2	24	ATG	TAA	0	0
mORF+_752163	752163	752180	+	3	18	ATG	TAG	0	0
mORF+_752218	752218	752232	+	1	15	ATG	TGA	0	0
mORF+_752229	752229	752270	+	3	42	ATG	TGA	0	0
mORF+_752242	752242	752262	+	1	21	TTG	TGA	0	0
mORF+_752267	752267	752350	+	2	84	TTG	TAA	0	0
mORF+_752310	752310	752342	+	3	33	ATG	TAG	0	0
mORF+_752335	752335	752397	+	1	63	GTG	TAG	0	0
mORF+_752366	752366	752917	+	2	552	ATG	TGA	0	0
mORF+_752415	752415	752462	+	3	48	TTG	TGA	0	0
mORF+_752530	752530	752547	+	1	18	GTG	TGA	0	0
mORF+_752544	752544	752600	+	3	57	ATG	TAG	0	0
mORF+_752655	752655	752759	+	3	105	ATG	TAA	0	0
mORF+_752763	752763	752777	+	3	15	TTG	TGA	0	0
mORF+_752808	752808	753113	+	3	306	TTG	TAG	0	0
mORF+_752914	752914	752988	+	1	75	GTG	TAG	0	0
mORF+_753002	753002	753547	+	2	546	ATG	TGA	0	0
mORF+_753123	753123	753134	+	3	12	TTG	TAA	0	0
mORF+_753139	753139	753237	+	1	99	ATG	TAA	0	0
mORF+_753150	753150	753164	+	3	15	ATG	TAA	0	0
mORF+_753177	753177	753224	+	3	48	ATG	TGA	0	0
mORF+_753231	753231	753254	+	3	24	TTG	TGA	0	0

mORF_+_753288	753288	753362	+	3	75	ATG	TGA	0	0	
mORF_+_753298	753298	753339	+	1	42	TTG	TAA	0	0	
mORF_+_753426	753426	753431	+	3	6	ATG	TAA	0	0	
mORF_+_753538	753538	753552	+	1	15	ATG	TGA	0	0	
mORF_+_753549	753549	753614	+	3	66	GTG	TGA	0	0	
mORF_+_753580	753580	753606	+	1	27	TTG	TAA	0	0	
mORF_+_753611	753611	753706	+	2	96	TTG	TAG	0	0	
mORF_+_753621	753621	753695	+	3	75	GTG	TAA	0	0	
mORF_+_753673	753673	753864	+	1	192	TTG	TAA	0	0	
mORF_+_753714	753714	753737	+	3	24	TTG	TAA	0	0	
mORF_+_753740	753740	753916	+	2	177	TTG	TAA	0	0	
mORF_+_753865	753865	753900	+	1	36	ATG	TAA	0	0	
mORF_+_753903	753903	753932	+	3	30	TTG	TGA	0	0	
mORF_+_753929	753929	753967	+	2	39	ATG	TAA	0	0	
mORF_+_753934	753934	753993	+	1	60	TTG	TAA	0	0	
mORF_+_753974	753974	754048	+	2	75	GTG	TGA	0	0	
mORF_+_754008	754008	754064	+	3	57	ATG	TGA	0	0	
mORF_+_754027	754027	754032	+	1	6	TTG	TAA	0	0	
mORF_+_754045	754045	754068	+	1	24	ATG	TAA	0	0	
mORF_+_754049	754049	754060	+	2	12	TTG	TAG	0	0	
mORF_+_754061	754061	754075	+	2	15	ATG	TAA	0	0	
mORF_+_754080	754080	754094	+	3	15	ATG	TGA	0	0	
mORF_+_754091	754091	754159	+	2	69	GTG	TGA	0	0	
mORF_+_754132	754132	754137	+	1	6	ATG	TAG	0	0	
mORF_+_754143	754143	754148	+	3	6	TTG	TAA	0	0	
mORF_+_754156	754156	754260	+	1	105	GTG	TGA	0	0	
mORF_+_754217	754217	754222	+	2	6	TTG	TAA	0	0	
mORF_+_754224	754224	754289	+	3	66	GTG	TGA	0	0	
mORF_+_754253	754253	754273	+	2	21	TTG	TAG	0	0	
mORF_+_754351	754351	754374	+	1	24	GTG	TAA	0	0	
mORF_+_754385	754385	754789	+	2	405	ATG	TAA	0	0	
mORF_+_754387	754387	754434	+	1	48	GTG	TAA	0	0	
mORF_+_754410	754410	754415	+	3	6	ATG	TGA	0	0	
mORF_+_754500	754500	754505	+	3	6	GTG	TGA	0	0	
mORF_+_754512	754512	754661	+	3	150	TTG	TAG	0	0	
mORF_+_754534	754534	754566	+	1	33	GTG	TGA	0	0	
mORF_+_754621	754621	754719	+	1	99	GTG	TAA	0	0	
mORF_+_754686	754686	754826	+	3	141	TTG	TGA	0	0	
mORF_+_754783	754783	755130	+	1	348	ATG	TGA	4	15	pORF_+_754783
mORF_+_754814	754814	754861	+	2	48	ATG	TGA	0	0	
mORF_+_754901	754901	754912	+	2	12	GTG	TGA	0	0	
mORF_+_754916	754916	754990	+	2	75	ATG	TGA	0	0	
mORF_+_754994	754994	755023	+	2	30	ATG	TGA	0	0	
mORF_+_755010	755010	755036	+	3	27	GTG	TAA	0	0	
mORF_+_755072	755072	755098	+	2	27	TTG	TGA	0	0	
mORF_+_755102	755102	755155	+	2	54	ATG	TGA	0	0	
mORF_+_755118	755118	756896	+	3	1779	GTG	TAA	112	3319	pORF_+_755118
mORF_+_755152	755152	755166	+	1	15	TTG	TGA	0	0	
mORF_+_755167	755167	755349	+	1	183	TTG	TGA	0	0	
mORF_+_755327	755327	755371	+	2	45	ATG	TGA	0	0	
mORF_+_755368	755368	755592	+	1	225	GTG	TGA	0	0	
mORF_+_755393	755393	755398	+	2	6	GTG	TAA	0	0	
mORF_+_755618	755618	755695	+	2	78	GTG	TGA	0	0	
mORF_+_755623	755623	755640	+	1	18	ATG	TGA	0	0	
mORF_+_755650	755650	755925	+	1	276	ATG	TGA	0	0	
mORF_+_755843	755843	755908	+	2	66	GTG	TGA	0	0	
mORF_+_755932	755932	756012	+	1	81	ATG	TGA	0	0	
mORF_+_756022	756022	756069	+	1	48	GTG	TGA	0	0	
mORF_+_756047	756047	756088	+	2	42	GTG	TAA	0	0	
mORF_+_756244	756244	756462	+	1	219	ATG	TGA	0	0	
mORF_+_756299	756299	756322	+	2	24	TTG	TAA	0	0	
mORF_+_756487	756487	756591	+	1	105	GTG	TGA	0	0	
mORF_+_756524	756524	756538	+	2	15	ATG	TAA	0	0	

mORF_+_756616	756616	756687	+	1	72	ATG	TGA	0	0	
mORF_+_756665	756665	756682	+	2	18	GTG	TAA	0	0	
mORF_+_756700	756700	756828	+	1	129	ATG	TGA	0	0	
mORF_+_756791	756791	756943	+	2	153	GTG	TAA	0	0	
mORF_+_756912	756912	757628	+	3	717	ATG	TAA	55	614	pORF_+_756912
mORF_+_756949	756949	757011	+	1	63	ATG	TGA	0	0	
mORF_+_757021	757021	757038	+	1	18	ATG	TAA	0	0	
mORF_+_757078	757078	757107	+	1	30	GTG	TGA	0	0	
mORF_+_757088	757088	757255	+	2	168	GTG	TGA	0	0	
mORF_+_757123	757123	757182	+	1	60	ATG	TGA	0	0	
mORF_+_757243	757243	757278	+	1	36	ATG	TGA	0	0	
mORF_+_757282	757282	757440	+	1	159	ATG	TAG	0	0	
mORF_+_757355	757355	757414	+	2	60	ATG	TAA	0	0	
mORF_+_757459	757459	757503	+	1	45	TTG	TGA	0	0	
mORF_+_757504	757504	757542	+	1	39	GTG	TGA	0	0	
mORF_+_757552	757552	757572	+	1	21	GTG	TGA	0	0	
mORF_+_757556	757556	757621	+	2	66	ATG	TAA	0	0	
mORF_+_757621	757621	757635	+	1	15	ATG	TAG	0	0	
mORF_+_757673	757673	757690	+	2	18	GTG	TGA	0	0	
mORF_+_757680	757680	757724	+	3	45	ATG	TAG	0	0	
mORF_+_757687	757687	757947	+	1	261	GTG	TGA	0	0	
mORF_+_757761	757761	757790	+	3	30	ATG	TGA	0	0	
mORF_+_757877	757877	757900	+	2	24	GTG	TAA	0	0	
mORF_+_757929	757929	760730	+	3	2802	ATG	TAA	151	1919	pORF_+_757929
mORF_+_758008	758008	758022	+	1	15	ATG	TAA	0	0	
mORF_+_758038	758038	758190	+	1	153	TTG	TGA	0	0	
mORF_+_758233	758233	758319	+	1	87	GTG	TGA	0	0	
mORF_+_758270	758270	758284	+	2	15	GTG	TAA	0	0	
mORF_+_758359	758359	758382	+	1	24	TTG	TGA	0	0	
mORF_+_758431	758431	758541	+	1	111	TTG	TAA	0	0	
mORF_+_758566	758566	758634	+	1	69	TTG	TAA	0	0	
mORF_+_758710	758710	758721	+	1	12	GTG	TGA	0	0	
mORF_+_758806	758806	758814	+	1	9	GTG	TGA	0	0	
mORF_+_758851	758851	758907	+	1	57	ATG	TAA	0	0	
mORF_+_758932	758932	759009	+	1	78	GTG	TGA	0	0	
mORF_+_759055	759055	759228	+	1	174	GTG	TGA	0	0	
mORF_+_759265	759265	759345	+	1	81	GTG	TGA	0	0	
mORF_+_759287	759287	759394	+	2	108	GTG	TGA	0	0	
mORF_+_759430	759430	759486	+	1	57	ATG	TAG	0	0	
mORF_+_759479	759479	759577	+	2	99	TTG	TGA	0	0	
mORF_+_759574	759574	759582	+	1	9	TTG	TGA	0	0	
mORF_+_759631	759631	759816	+	1	186	TTG	TGA	0	0	
mORF_+_759886	759886	759966	+	1	81	GTG	TGA	0	0	
mORF_+_759988	759988	760074	+	1	87	GTG	TGA	0	0	
mORF_+_760049	760049	760156	+	2	108	ATG	TGA	0	0	
mORF_+_760150	760150	760254	+	1	105	GTG	TGA	0	0	
mORF_+_760172	760172	760342	+	2	171	TTG	TGA	0	0	
mORF_+_760339	760339	760371	+	1	33	GTG	TGA	0	0	
mORF_+_760385	760385	760396	+	2	12	GTG	TAA	0	0	
mORF_+_760444	760444	760605	+	1	162	ATG	TGA	0	0	
mORF_+_760541	760541	760600	+	2	60	GTG	TGA	0	0	
mORF_+_760612	760612	760665	+	1	54	TTG	TAG	0	0	
mORF_+_760708	760708	760719	+	1	12	ATG	TGA	0	0	
mORF_+_760745	760745	761962	+	2	1218	ATG	TAG	101	2676	pORF_+_760745
mORF_+_760794	760794	760859	+	3	66	ATG	TAG	0	0	
mORF_+_760917	760917	760949	+	3	33	ATG	TAA	0	0	
mORF_+_760965	760965	761087	+	3	123	TTG	TAA	0	0	
mORF_+_761151	761151	761168	+	3	18	GTG	TGA	0	0	
mORF_+_761172	761172	761288	+	3	117	GTG	TGA	0	0	
mORF_+_761304	761304	761351	+	3	48	GTG	TGA	0	0	
mORF_+_761406	761406	761462	+	3	57	GTG	TGA	0	0	
mORF_+_761472	761472	761483	+	3	12	TTG	TGA	0	0	
mORF_+_761520	761520	761585	+	3	66	ATG	TGA	0	0	

mORF_+_761598	761598	761678	+	3	81	GTG	TGA	0	0	
mORF_+_761682	761682	761693	+	3	12	TTG	TGA	0	0	
mORF_+_761697	761697	761741	+	3	45	GTG	TGA	0	0	
mORF_+_761820	761820	761846	+	3	27	ATG	TGA	0	0	
mORF_+_761883	761883	761912	+	3	30	ATG	TAA	0	0	
mORF_+_762021	762021	762077	+	3	57	TTG	TAG	0	0	
mORF_+_762031	762031	762042	+	1	12	ATG	TGA	0	0	
mORF_+_762113	762113	762157	+	2	45	ATG	TGA	0	0	
mORF_+_762120	762120	762125	+	3	6	ATG	TGA	0	0	
mORF_+_762154	762154	762210	+	1	57	GTG	TAA	0	0	
mORF_+_762164	762164	762220	+	2	57	ATG	TGA	0	0	
mORF_+_762224	762224	762250	+	2	27	ATG	TGA	0	0	
mORF_+_762237	762237	763403	+	3	1167	ATG	TAA	136	6133	pORF_+_762237
mORF_+_762247	762247	762369	+	1	123	ATG	TAG	0	0	
mORF_+_762362	762362	762403	+	2	42	GTG	TAA	0	0	
mORF_+_762391	762391	762417	+	1	27	GTG	TGA	0	0	
mORF_+_762421	762421	762426	+	1	6	TTG	TAA	0	0	
mORF_+_762445	762445	762483	+	1	39	GTG	TAA	0	0	
mORF_+_762496	762496	762666	+	1	171	ATG	TGA	0	0	
mORF_+_762676	762676	762693	+	1	18	TTG	TGA	0	0	
mORF_+_762866	762866	762892	+	2	27	TTG	TGA	0	0	
mORF_+_762934	762934	762987	+	1	54	GTG	TGA	0	0	
mORF_+_762977	762977	763009	+	2	33	GTG	TAA	0	0	
mORF_+_762994	762994	763131	+	1	138	TTG	TAA	0	0	
mORF_+_763016	763016	763027	+	2	12	TTG	TAA	0	0	
mORF_+_763208	763208	763225	+	2	18	TTG	TGA	0	0	
mORF_+_763255	763255	763335	+	1	81	GTG	TGA	0	0	
mORF_+_763342	763342	763359	+	1	18	TTG	TGA	0	0	
mORF_+_763363	763363	763422	+	1	60	ATG	TAA	0	0	
mORF_+_763403	763403	764272	+	2	870	ATG	TAA	89	3188	pORF_+_763403
mORF_+_763488	763488	763520	+	3	33	TTG	TAA	0	0	
mORF_+_763575	763575	763679	+	3	105	GTG	TGA	0	0	
mORF_+_763740	763740	763760	+	3	21	ATG	TGA	0	0	
mORF_+_763794	763794	763874	+	3	81	GTG	TGA	0	0	
mORF_+_763798	763798	763842	+	1	45	ATG	TAA	0	0	
mORF_+_763878	763878	764018	+	3	141	ATG	TGA	0	0	
mORF_+_764025	764025	764114	+	3	90	GTG	TGA	0	0	
mORF_+_764148	764148	764216	+	3	69	GTG	TGA	0	0	
mORF_+_764244	764244	764255	+	3	12	GTG	TGA	0	0	
mORF_+_764317	764317	764418	+	1	102	ATG	TAG	0	0	
mORF_+_764342	764342	764410	+	2	69	ATG	TAA	0	0	
mORF_+_764346	764346	764360	+	3	15	TTG	TGA	0	0	
mORF_+_764370	764370	764387	+	3	18	TTG	TGA	0	0	
mORF_+_764437	764437	764613	+	1	177	TTG	TGA	0	0	
mORF_+_764504	764504	764515	+	2	12	TTG	TGA	0	0	
mORF_+_764543	764543	764560	+	2	18	TTG	TGA	0	0	
mORF_+_764610	764610	764756	+	3	147	GTG	TAG	0	0	
mORF_+_764629	764629	764709	+	1	81	ATG	TAG	0	0	
mORF_+_764690	764690	764749	+	2	60	TTG	TGA	0	0	
mORF_+_764746	764746	764766	+	1	21	GTG	TGA	0	0	
mORF_+_764760	764760	764858	+	3	99	TTG	TAA	0	0	
mORF_+_764813	764813	764878	+	2	66	GTG	TGA	0	0	
mORF_+_764875	764875	764898	+	1	24	TTG	TAA	0	0	
mORF_+_764914	764914	764958	+	1	45	ATG	TGA	0	0	
mORF_+_764991	764991	764996	+	3	6	TTG	TAG	0	0	
mORF_+_765007	765007	765126	+	1	120	GTG	TAA	0	0	
mORF_+_765048	765048	765083	+	3	36	TTG	TAA	0	0	
mORF_+_765090	765090	765104	+	3	15	GTG	TAG	0	0	
mORF_+_765132	765132	765155	+	3	24	ATG	TAA	0	0	
mORF_+_765190	765190	765207	+	1	18	GTG	TAA	0	0	
mORF_+_765207	765207	767183	+	3	1977	ATG	TAA	0	0	
mORF_+_765295	765295	765309	+	1	15	ATG	TGA	0	0	
mORF_+_765302	765302	765331	+	2	30	GTG	TGA	0	0	

mORF_+_765310	765310	765351	+	1	42	ATG	TGA	0	0
mORF_+_765361	765361	765444	+	1	84	TTG	TAG	0	0
mORF_+_765445	765445	765486	+	1	42	GTG	TAA	0	0
mORF_+_765499	765499	765567	+	1	69	TTG	TAG	0	0
mORF_+_765530	765530	765544	+	2	15	GTG	TGA	0	0
mORF_+_765592	765592	765624	+	1	33	ATG	TGA	0	0
mORF_+_765643	765643	765774	+	1	132	TTG	TAA	0	0
mORF_+_765793	765793	765852	+	1	60	TTG	TAA	0	0
mORF_+_765853	765853	765900	+	1	48	ATG	TAA	0	0
mORF_+_765919	765919	766035	+	1	117	GTG	TGA	0	0
mORF_+_766066	766066	766104	+	1	39	ATG	TGA	0	0
mORF_+_766108	766108	766125	+	1	18	GTG	TGA	0	0
mORF_+_766153	766153	766167	+	1	15	TTG	TGA	0	0
mORF_+_766168	766168	766302	+	1	135	TTG	TGA	0	0
mORF_+_766259	766259	766348	+	2	90	GTG	TAA	0	0
mORF_+_766369	766369	766395	+	1	27	TTG	TGA	0	0
mORF_+_766423	766423	766434	+	1	12	TTG	TGA	0	0
mORF_+_766492	766492	766503	+	1	12	ATG	TGA	0	0
mORF_+_766558	766558	766611	+	1	54	TTG	TGA	0	0
mORF_+_766645	766645	766692	+	1	48	GTG	TGA	0	0
mORF_+_766664	766664	766675	+	2	12	GTG	TGA	0	0
mORF_+_766705	766705	766794	+	1	90	ATG	TAA	0	0
mORF_+_766834	766834	766869	+	1	36	TTG	TAG	0	0
mORF_+_766909	766909	766959	+	1	51	TTG	TAA	0	0
mORF_+_766969	766969	766983	+	1	15	TTG	TGA	0	0
mORF_+_767005	767005	767124	+	1	120	GTG	TGA	0	0
mORF_+_767126	767126	767146	+	2	21	GTG	TAA	0	0
mORF_+_767149	767149	767163	+	1	15	ATG	TGA	0	0
mORF_+_767167	767167	767175	+	1	9	ATG	TAA	0	0
mORF_+_767201	767201	769834	+	2	2634	ATG	TGA	0	0
mORF_+_767254	767254	767298	+	1	45	GTG	TAA	0	0
mORF_+_767314	767314	767511	+	1	198	GTG	TAA	0	0
mORF_+_767415	767415	767420	+	3	6	GTG	TGA	0	0
mORF_+_767484	767484	767516	+	3	33	TTG	TGA	0	0
mORF_+_767529	767529	767558	+	3	30	GTG	TGA	0	0
mORF_+_767583	767583	767720	+	3	138	TTG	TGA	0	0
mORF_+_767653	767653	767676	+	1	24	ATG	TGA	0	0
mORF_+_767692	767692	767706	+	1	15	GTG	TGA	0	0
mORF_+_767808	767808	767834	+	3	27	TTG	TAA	0	0
mORF_+_767856	767856	767900	+	3	45	ATG	TGA	0	0
mORF_+_767913	767913	767942	+	3	30	GTG	TGA	0	0
mORF_+_767952	767952	768005	+	3	54	TTG	TGA	0	0
mORF_+_768018	768018	768200	+	3	183	TTG	TAA	0	0
mORF_+_768184	768184	768237	+	1	54	GTG	TAG	0	0
mORF_+_768207	768207	768302	+	3	96	ATG	TGA	0	0
mORF_+_768324	768324	768377	+	3	54	TTG	TGA	0	0
mORF_+_768390	768390	768509	+	3	120	GTG	TAA	0	0
mORF_+_768558	768558	768638	+	3	81	TTG	TAA	0	0
mORF_+_768639	768639	768725	+	3	87	TTG	TAG	0	0
mORF_+_768738	768738	768827	+	3	90	GTG	TAA	0	0
mORF_+_768820	768820	768870	+	1	51	GTG	TGA	0	0
mORF_+_768867	768867	768962	+	3	96	ATG	TAG	0	0
mORF_+_768975	768975	769118	+	3	144	TTG	TAA	0	0
mORF_+_769137	769137	769145	+	3	9	GTG	TGA	0	0
mORF_+_769189	769189	769230	+	1	42	ATG	TAA	0	0
mORF_+_769206	769206	769352	+	3	147	ATG	TAA	0	0
mORF_+_769404	769404	769427	+	3	24	GTG	TAA	0	0
mORF_+_769417	769417	769575	+	1	159	TTG	TAG	0	0
mORF_+_769464	769464	769469	+	3	6	GTG	TAG	0	0
mORF_+_769527	769527	769532	+	3	6	ATG	TGA	0	0
mORF_+_769600	769600	769620	+	1	21	ATG	TAA	0	0
mORF_+_769683	769683	769715	+	3	33	GTG	TGA	0	0
mORF_+_769720	769720	769743	+	1	24	TTG	TGA	0	0

mORF+_769740	769740	769838	+	3	99	ATG	TAG	0	0	
mORF+_769859	769859	770086	+	2	228	ATG	TAA	0	0	
mORF+_769872	769872	769913	+	3	42	TTG	TGA	0	0	
mORF+_769954	769954	769965	+	1	12	TTG	TGA	0	0	
mORF+_769962	769962	769970	+	3	9	ATG	TAG	0	0	
mORF+_770001	770001	770057	+	3	57	TTG	TAA	0	0	
mORF+_770032	770032	770049	+	1	18	ATG	TAA	0	0	
mORF+_770067	770067	770075	+	3	9	GTG	TAA	0	0	
mORF+_770102	770102	770173	+	2	72	ATG	TGA	0	0	
mORF+_770119	770119	770139	+	1	21	GTG	TAG	0	0	
mORF+_770127	770127	770189	+	3	63	ATG	TAA	0	0	
mORF+_770170	770170	770262	+	1	93	GTG	TAA	0	0	
mORF+_770198	770198	770248	+	2	51	GTG	TAA	0	0	
mORF+_770232	770232	770276	+	3	45	TTG	TAA	0	0	
mORF+_770283	770283	770306	+	3	24	ATG	TGA	0	0	
mORF+_770303	770303	770317	+	2	15	TTG	TAA	0	0	
mORF+_770310	770310	770336	+	3	27	ATG	TGA	0	0	
mORF+_770324	770324	770329	+	2	6	TTG	TAG	0	0	
mORF+_770333	770333	770353	+	2	21	TTG	TAA	0	0	
mORF+_770346	770346	770417	+	3	72	ATG	TAA	0	0	
mORF+_770357	770357	770383	+	2	27	TTG	TAA	0	0	
mORF+_770430	770430	770483	+	3	54	TTG	TAA	0	0	
mORF+_770447	770447	770521	+	2	75	ATG	TGA	0	0	
mORF+_770455	770455	770499	+	1	45	TTG	TAA	0	0	
mORF+_770518	770518	770532	+	1	15	TTG	TAA	0	0	
mORF+_770534	770534	770584	+	2	51	ATG	TGA	0	0	
mORF+_770538	770538	770681	+	3	144	TTG	TGA	0	0	
mORF+_770566	770566	770625	+	1	60	GTG	TGA	0	0	
mORF+_770609	770609	770635	+	2	27	TTG	TAA	0	0	
mORF+_770659	770659	770667	+	1	9	ATG	TGA	0	0	
mORF+_770678	770678	772249	+	2	1572	ATG	TAA	26	109	pORF+_770678
mORF+_770715	770715	770723	+	3	9	TTG	TGA	0	0	
mORF+_770745	770745	770756	+	3	12	TTG	TGA	0	0	
mORF+_770856	770856	770894	+	3	39	TTG	TGA	0	0	
mORF+_770940	770940	770945	+	3	6	ATG	TAG	0	0	
mORF+_770958	770958	770984	+	3	27	GTG	TGA	0	0	
mORF+_771009	771009	771014	+	3	6	TTG	TAG	0	0	
mORF+_771031	771031	771048	+	1	18	TTG	TAA	0	0	
mORF+_771061	771061	771165	+	1	105	GTG	TGA	0	0	
mORF+_771063	771063	771188	+	3	126	GTG	TGA	0	0	
mORF+_771216	771216	771227	+	3	12	TTG	TGA	0	0	
mORF+_771255	771255	771260	+	3	6	ATG	TGA	0	0	
mORF+_771292	771292	771315	+	1	24	ATG	TGA	0	0	
mORF+_771312	771312	771602	+	3	291	GTG	TGA	0	0	
mORF+_771457	771457	771507	+	1	51	GTG	TGA	0	0	
mORF+_771621	771621	771647	+	3	27	ATG	TGA	0	0	
mORF+_771702	771702	771722	+	3	21	GTG	TGA	0	0	
mORF+_771777	771777	771830	+	3	54	ATG	TAG	0	0	
mORF+_771843	771843	771992	+	3	150	TTG	TAG	0	0	
mORF+_771865	771865	772014	+	1	150	GTG	TGA	0	0	
mORF+_772017	772017	772079	+	3	63	ATG	TGA	0	0	
mORF+_772030	772030	772044	+	1	15	GTG	TGA	0	0	
mORF+_772114	772114	772215	+	1	102	TTG	TGA	0	0	
mORF+_772167	772167	772193	+	3	27	TTG	TGA	0	0	
mORF+_772212	772212	772268	+	3	57	TTG	TGA	0	0	
mORF+_772265	772265	773404	+	2	1140	ATG	TAA	4	21	pORF+_772265
mORF+_772275	772275	772322	+	3	48	ATG	TGA	0	0	
mORF+_772297	772297	772341	+	1	45	GTG	TGA	0	0	
mORF+_772323	772323	772412	+	3	90	TTG	TGA	0	0	
mORF+_772422	772422	772457	+	3	36	TTG	TGA	0	0	
mORF+_772450	772450	772578	+	1	129	TTG	TGA	0	0	
mORF+_772479	772479	772535	+	3	57	TTG	TGA	0	0	
mORF+_772575	772575	772664	+	3	90	TTG	TAA	0	0	

mORF_+_772618	772618	772644	+	1	27	GTG	TAG	0	0	
mORF_+_772665	772665	772673	+	3	9	TTG	TAG	0	0	
mORF_+_772710	772710	772790	+	3	81	TTG	TGA	0	0	
mORF_+_772866	772866	772895	+	3	30	GTG	TGA	0	0	
mORF_+_772924	772924	772989	+	1	66	ATG	TAA	0	0	
mORF_+_772944	772944	772958	+	3	15	ATG	TGA	0	0	
mORF_+_773013	773013	773099	+	3	87	GTG	TGA	0	0	
mORF_+_773026	773026	773037	+	1	12	ATG	TAA	0	0	
mORF_+_773059	773059	773124	+	1	66	GTG	TAA	0	0	
mORF_+_773131	773131	773277	+	1	147	GTG	TAA	0	0	
mORF_+_773139	773139	773156	+	3	18	TTG	TGA	0	0	
mORF_+_773202	773202	773207	+	3	6	TTG	TGA	0	0	
mORF_+_773250	773250	773270	+	3	21	ATG	TGA	0	0	
mORF_+_773292	773292	773408	+	3	117	TTG	TAA	0	0	
mORF_+_773335	773335	773379	+	1	45	GTG	TGA	0	0	
mORF_+_773419	773419	773532	+	1	114	ATG	TGA	0	0	
mORF_+_773421	773421	773492	+	3	72	GTG	TGA	0	0	
mORF_+_773453	773453	773473	+	2	21	TTG	TAA	0	0	
mORF_+_773489	773489	773539	+	2	51	TTG	TAA	0	0	
mORF_+_773532	773532	773825	+	3	294	ATG	TAA	0	0	
mORF_+_773557	773557	773565	+	1	9	ATG	TAA	0	0	
mORF_+_773621	773621	773665	+	2	45	ATG	TGA	0	0	
mORF_+_773647	773647	773694	+	1	48	TTG	TGA	0	0	
mORF_+_773696	773696	773842	+	2	147	GTG	TAA	0	0	
mORF_+_773707	773707	773718	+	1	12	GTG	TGA	0	0	
mORF_+_773779	773779	773808	+	1	30	TTG	TGA	0	0	
mORF_+_773849	773849	773926	+	2	78	ATG	TAG	0	0	
mORF_+_773890	773890	773973	+	1	84	TTG	TAA	0	0	
mORF_+_773952	773952	773978	+	3	27	TTG	TGA	0	0	
mORF_+_773975	773975	774379	+	2	405	GTG	TGA	2	23	pORF_+_773975
mORF_+_773995	773995	774018	+	1	24	ATG	TGA	0	0	
mORF_+_774015	774015	774125	+	3	111	ATG	TGA	0	0	
mORF_+_774138	774138	774161	+	3	24	TTG	TGA	0	0	
mORF_+_774231	774231	774287	+	3	57	GTG	TGA	0	0	
mORF_+_774288	774288	774332	+	3	45	ATG	TGA	0	0	
mORF_+_774310	774310	774318	+	1	9	TTG	TGA	0	0	
mORF_+_774339	774339	774383	+	3	45	GTG	TGA	0	0	
mORF_+_774376	774376	775068	+	1	693	GTG	TAA	16	60	pORF_+_774376
mORF_+_774395	774395	774409	+	2	15	TTG	TGA	0	0	
mORF_+_774449	774449	774604	+	2	156	TTG	TGA	0	0	
mORF_+_774468	774468	774503	+	3	36	TTG	TAA	0	0	
mORF_+_774644	774644	774688	+	2	45	TTG	TAG	0	0	
mORF_+_774704	774704	774724	+	2	21	GTG	TGA	0	0	
mORF_+_774728	774728	774853	+	2	126	GTG	TAA	0	0	
mORF_+_774875	774875	774901	+	2	27	TTG	TGA	0	0	
mORF_+_774902	774902	774973	+	2	72	TTG	TAA	0	0	
mORF_+_775072	775072	775500	+	1	429	ATG	TAA	2	9	pORF_+_775072
mORF_+_775085	775085	775162	+	2	78	GTG	TGA	0	0	
mORF_+_775265	775265	775396	+	2	132	TTG	TGA	0	0	
mORF_+_775400	775400	775432	+	2	33	GTG	TAA	0	0	
mORF_+_775457	775457	775468	+	2	12	GTG	TGA	0	0	
mORF_+_775475	775475	775483	+	2	9	TTG	TAA	0	0	
mORF_+_775516	775516	775671	+	1	156	TTG	TGA	0	0	
mORF_+_775520	775520	775537	+	2	18	TTG	TAA	0	0	
mORF_+_775565	775565	776830	+	2	1266	GTG	TAA	15	35	pORF_+_775565
mORF_+_775629	775629	775652	+	3	24	ATG	TGA	0	0	
mORF_+_775668	775668	775679	+	3	12	ATG	TAG	0	0	
mORF_+_775701	775701	775745	+	3	45	GTG	TAG	0	0	
mORF_+_775746	775746	775814	+	3	69	TTG	TGA	0	0	
mORF_+_775842	775842	775874	+	3	33	GTG	TGA	0	0	
mORF_+_775881	775881	775898	+	3	18	TTG	TAG	0	0	
mORF_+_775995	775995	776144	+	3	150	ATG	TGA	0	0	
mORF_+_776448	776448	776468	+	3	21	ATG	TAA	0	0	

mORF+_776481	776481	776666	+	3	186	ATG	TAA	0	0	
mORF+_776679	776679	776891	+	3	213	ATG	TAG	0	0	
mORF+_776725	776725	776751	+	1	27	TTG	TAA	0	0	
mORF+_776836	776836	776925	+	1	90	ATG	TAA	0	0	
mORF+_776894	776894	776914	+	2	21	TTG	TAA	0	0	
mORF+_776932	776932	776952	+	1	21	GTG	TAA	0	0	
mORF+_776960	776960	778255	+	2	1296	ATG	TGA	66	1081	pORF+_776960
mORF+_776988	776988	777041	+	3	54	TTG	TGA	0	0	
mORF+_777004	777004	777027	+	1	24	GTG	TGA	0	0	
mORF+_777051	777051	777056	+	3	6	GTG	TAG	0	0	
mORF+_777072	777072	777176	+	3	105	TTG	TAG	0	0	
mORF+_777091	777091	777117	+	1	27	GTG	TGA	0	0	
mORF+_777207	777207	777260	+	3	54	GTG	TAG	0	0	
mORF+_777232	777232	777252	+	1	21	ATG	TGA	0	0	
mORF+_777261	777261	777371	+	3	111	TTG	TGA	0	0	
mORF+_777379	777379	777411	+	1	33	GTG	TGA	0	0	
mORF+_777390	777390	777431	+	3	42	ATG	TGA	0	0	
mORF+_777444	777444	777569	+	3	126	GTG	TGA	0	0	
mORF+_777580	777580	777600	+	1	21	GTG	TAA	0	0	
mORF+_777609	777609	777614	+	3	6	ATG	TGA	0	0	
mORF+_777660	777660	777767	+	3	108	ATG	TGA	0	0	
mORF+_777816	777816	777914	+	3	99	ATG	TGA	0	0	
mORF+_777927	777927	778004	+	3	78	GTG	TAA	0	0	
mORF+_778017	778017	778130	+	3	114	ATG	TAA	0	0	
mORF+_778182	778182	778265	+	3	84	ATG	TAA	0	0	
mORF+_778252	778252	778269	+	1	18	GTG	TGA	0	0	
mORF+_778266	778266	778811	+	3	546	TTG	TAA	33	325	pORF+_778266
mORF+_778285	778285	778299	+	1	15	TTG	TGA	0	0	
mORF+_778324	778324	778605	+	1	282	TTG	TAG	0	0	
mORF+_778352	778352	778381	+	2	30	ATG	TGA	0	0	
mORF+_778624	778624	778824	+	1	201	GTG	TGA	0	0	
mORF+_778817	778817	778831	+	2	15	TTG	TAA	0	0	
mORF+_778821	778821	779612	+	3	792	ATG	TAA	30	99	pORF+_778821
mORF+_778867	778867	778875	+	1	9	TTG	TAG	0	0	
mORF+_778894	778894	778989	+	1	96	TTG	TAA	0	0	
mORF+_779029	779029	779073	+	1	45	TTG	TGA	0	0	
mORF+_779131	779131	779232	+	1	102	GTG	TGA	0	0	
mORF+_779242	779242	779388	+	1	147	ATG	TAA	0	0	
mORF+_779372	779372	779404	+	2	33	TTG	TAA	0	0	
mORF+_779410	779410	779439	+	1	30	ATG	TAG	0	0	
mORF+_779473	779473	779601	+	1	129	ATG	TGA	0	0	
mORF+_779612	779612	779668	+	2	57	ATG	TAA	0	0	
mORF+_779656	779656	779676	+	1	21	GTG	TGA	0	0	
mORF+_779673	779673	779714	+	3	42	TTG	TGA	0	0	
mORF+_779677	779677	779814	+	1	138	GTG	TAA	0	0	
mORF+_779696	779696	779860	+	2	165	TTG	TAA	0	0	
mORF+_779727	779727	779786	+	3	60	ATG	TAG	0	0	
mORF+_779862	779862	779891	+	3	30	GTG	TAA	0	0	
mORF+_779881	779881	779901	+	1	21	GTG	TGA	0	0	
mORF+_779894	779894	779956	+	2	63	TTG	TAA	0	0	
mORF+_779898	779898	779993	+	3	96	ATG	TGA	0	0	
mORF+_779966	779966	779971	+	2	6	TTG	TAG	0	0	
mORF+_779990	779990	780103	+	2	114	GTG	TAA	0	0	
mORF+_780081	780081	780167	+	3	87	TTG	TAA	0	0	
mORF+_780161	780161	780175	+	2	15	ATG	TAG	0	0	
mORF+_780183	780183	780296	+	3	114	TTG	TGA	0	0	
mORF+_780269	780269	780274	+	2	6	TTG	TAG	0	0	
mORF+_780293	780293	780379	+	2	87	GTG	TAG	0	0	
mORF+_780385	780385	780471	+	1	87	TTG	TAA	0	0	
mORF+_780465	780465	780629	+	3	165	ATG	TAA	0	0	
mORF+_780487	780487	780567	+	1	81	TTG	TAA	0	0	
mORF+_780554	780554	780601	+	2	48	TTG	TAG	0	0	
mORF+_780607	780607	780705	+	1	99	TTG	TAA	0	0	

mORF_+_780695	780695	780772	+	2	78	GTG	TGA	0	0	
mORF_+_780708	780708	780716	+	3	9	TTG	TAG	0	0	
mORF_+_780773	780773	780790	+	2	18	ATG	TAA	0	0	
mORF_+_780815	780815	780949	+	2	135	TTG	TGA	0	0	
mORF_+_780876	780876	780881	+	3	6	ATG	TAA	0	0	
mORF_+_780946	780946	780954	+	1	9	TTG	TGA	0	0	
mORF_+_780951	780951	781037	+	3	87	TTG	TAA	0	0	
mORF_+_781061	781061	781150	+	2	90	TTG	TAG	0	0	
mORF_+_781089	781089	781094	+	3	6	TTG	TAA	0	0	
mORF_+_781135	781135	781161	+	1	27	ATG	TGA	0	0	
mORF_+_781158	781158	781178	+	3	21	ATG	TAG	0	0	
mORF_+_781190	781190	781231	+	2	42	GTG	TAA	0	0	
mORF_+_781267	781267	781293	+	1	27	ATG	TAA	0	0	
mORF_+_781300	781300	781311	+	1	12	ATG	TGA	0	0	
mORF_+_781308	781308	782351	+	3	1044	ATG	TAA	18	257	pORF_+_781308
mORF_+_781321	781321	781371	+	1	51	TTG	TAA	0	0	
mORF_+_781375	781375	781407	+	1	33	TTG	TAA	0	0	
mORF_+_781429	781429	781437	+	1	9	ATG	TGA	0	0	
mORF_+_781441	781441	781560	+	1	120	TTG	TAG	0	0	
mORF_+_781643	781643	781672	+	2	30	ATG	TGA	0	0	
mORF_+_781669	781669	781746	+	1	78	TTG	TAA	0	0	
mORF_+_781688	781688	781798	+	2	111	TTG	TGA	0	0	
mORF_+_781780	781780	781941	+	1	162	TTG	TAA	0	0	
mORF_+_781889	781889	781918	+	2	30	ATG	TGA	0	0	
mORF_+_781966	781966	782046	+	1	81	ATG	TGA	0	0	
mORF_+_782083	782083	782214	+	1	132	TTG	TGA	0	0	
mORF_+_782195	782195	782278	+	2	84	TTG	TGA	0	0	
mORF_+_782215	782215	782244	+	1	30	ATG	TAG	0	0	
mORF_+_782272	782272	782358	+	1	87	ATG	TAA	0	0	
mORF_+_782378	782378	782434	+	2	57	TTG	TAG	0	0	
mORF_+_782389	782389	783108	+	1	720	ATG	TAA	0	0	
mORF_+_782447	782447	782473	+	2	27	ATG	TAG	0	0	
mORF_+_782457	782457	782846	+	3	390	ATG	TGA	0	0	
mORF_+_782498	782498	782545	+	2	48	TTG	TGA	0	0	
mORF_+_782561	782561	782686	+	2	126	TTG	TGA	0	0	
mORF_+_782738	782738	782755	+	2	18	TTG	TGA	0	0	
mORF_+_782780	782780	782791	+	2	12	TTG	TGA	0	0	
mORF_+_782834	782834	782839	+	2	6	TTG	TGA	0	0	
mORF_+_782880	782880	782927	+	3	48	ATG	TAA	0	0	
mORF_+_782930	782930	782956	+	2	27	ATG	TGA	0	0	
mORF_+_782949	782949	782963	+	3	15	GTG	TAA	0	0	
mORF_+_782984	782984	783031	+	2	48	TTG	TGA	0	0	
mORF_+_783038	783038	783517	+	2	480	TTG	TAA	0	0	
mORF_+_783060	783060	783080	+	3	21	GTG	TGA	0	0	
mORF_+_783108	783108	783122	+	3	15	ATG	TGA	0	0	
mORF_+_783123	783123	783413	+	3	291	ATG	TAA	0	0	
mORF_+_783187	783187	783207	+	1	21	ATG	TGA	0	0	
mORF_+_783334	783334	783618	+	1	285	TTG	TGA	0	0	
mORF_+_783570	783570	783626	+	3	57	ATG	TAA	0	0	
mORF_+_783575	783575	783595	+	2	21	GTG	TGA	0	0	
mORF_+_783644	783644	783745	+	2	102	TTG	TAA	0	0	
mORF_+_783679	783679	783891	+	1	213	ATG	TGA	0	0	
mORF_+_783810	783810	783836	+	3	27	GTG	TGA	0	0	
mORF_+_783833	783833	783955	+	2	123	GTG	TAA	0	0	
mORF_+_783840	783840	783854	+	3	15	TTG	TAG	0	0	
mORF_+_783888	783888	784019	+	3	132	ATG	TGA	0	0	
mORF_+_784016	784016	784048	+	2	33	GTG	TGA	0	0	
mORF_+_784024	784024	784077	+	1	54	GTG	TAA	0	0	
mORF_+_784026	784026	784031	+	3	6	GTG	TGA	0	0	
mORF_+_784032	784032	784037	+	3	6	GTG	TGA	0	0	
mORF_+_784038	784038	784085	+	3	48	GTG	TGA	0	0	
mORF_+_784082	784082	784102	+	2	21	ATG	TAG	0	0	
mORF_+_784105	784105	784116	+	1	12	GTG	TAA	0	0	

mORF_+_784143	784143	784574	+	3	432	TTG	TAA	0	0	
mORF_+_784217	784217	784309	+	2	93	TTG	TGA	0	0	
mORF_+_784306	784306	784449	+	1	144	TTG	TAG	0	0	
mORF_+_784322	784322	784498	+	2	177	ATG	TAG	0	0	
mORF_+_784474	784474	784542	+	1	69	GTG	TAG	0	0	
mORF_+_784544	784544	784621	+	2	78	ATG	TAA	0	0	
mORF_+_784555	784555	784602	+	1	48	ATG	TGA	0	0	
mORF_+_784587	784587	784640	+	3	54	GTG	TGA	0	0	
mORF_+_784637	784637	784660	+	2	24	ATG	TGA	0	0	
mORF_+_784657	784657	784665	+	1	9	TTG	TAA	0	0	
mORF_+_784695	784695	784700	+	3	6	TTG	TAG	0	0	
mORF_+_784738	784738	784767	+	1	30	TTG	TAG	0	0	
mORF_+_784767	784767	784772	+	3	6	GTG	TAA	0	0	
mORF_+_784807	784807	784833	+	1	27	TTG	TAA	0	0	
mORF_+_784836	784836	784859	+	3	24	ATG	TGA	0	0	
mORF_+_784856	784856	785908	+	2	1053	ATG	TAA	93	2027	pORF_+_784856
mORF_+_784947	784947	784997	+	3	51	ATG	TGA	0	0	
mORF_+_785004	785004	785027	+	3	24	ATG	TGA	0	0	
mORF_+_785028	785028	785105	+	3	78	TTG	TGA	0	0	
mORF_+_785035	785035	785049	+	1	15	ATG	TGA	0	0	
mORF_+_785109	785109	785126	+	3	18	ATG	TAA	0	0	
mORF_+_785139	785139	785177	+	3	39	TTG	TGA	0	0	
mORF_+_785247	785247	785297	+	3	51	TTG	TGA	0	0	
mORF_+_785340	785340	785492	+	3	153	TTG	TAA	0	0	
mORF_+_785395	785395	785436	+	1	42	TTG	TAA	0	0	
mORF_+_785497	785497	785532	+	1	36	ATG	TAA	0	0	
mORF_+_785514	785514	785519	+	3	6	TTG	TGA	0	0	
mORF_+_785539	785539	785565	+	1	27	TTG	TAA	0	0	
mORF_+_785592	785592	785603	+	3	12	TTG	TGA	0	0	
mORF_+_785658	785658	785753	+	3	96	ATG	TGA	0	0	
mORF_+_785698	785698	785706	+	1	9	TTG	TGA	0	0	
mORF_+_785710	785710	785820	+	1	111	TTG	TAA	0	0	
mORF_+_785832	785832	785891	+	3	60	ATG	TAA	0	0	
mORF_+_785916	785916	785951	+	3	36	TTG	TGA	0	0	
mORF_+_785923	785923	785967	+	1	45	ATG	TGA	0	0	
mORF_+_785936	785936	786010	+	2	75	GTG	TAG	0	0	
mORF_+_785994	785994	786062	+	3	69	ATG	TGA	0	0	
mORF_+_786004	786004	786054	+	1	51	TTG	TAA	0	0	
mORF_+_786059	786059	786154	+	2	96	ATG	TGA	0	0	
mORF_+_786151	786151	786330	+	1	180	TTG	TAA	0	0	
mORF_+_786267	786267	786845	+	3	579	GTG	TAA	0	0	
mORF_+_786269	786269	786280	+	2	12	GTG	TGA	0	0	
mORF_+_786346	786346	786402	+	1	57	ATG	TAA	0	0	
mORF_+_786520	786520	786546	+	1	27	TTG	TAG	0	0	
mORF_+_786587	786587	786631	+	2	45	ATG	TAG	0	0	
mORF_+_786649	786649	786654	+	1	6	GTG	TAA	0	0	
mORF_+_786704	786704	786754	+	2	51	TTG	TGA	0	0	
mORF_+_786751	786751	786777	+	1	27	GTG	TGA	0	0	
mORF_+_786845	786845	786901	+	2	57	ATG	TAA	0	0	
mORF_+_786888	786888	786929	+	3	42	ATG	TAA	0	0	
mORF_+_786916	786916	786981	+	1	66	GTG	TGA	0	0	
mORF_+_786932	786932	786940	+	2	9	TTG	TGA	0	0	
mORF_+_786944	786944	786976	+	2	33	TTG	TGA	0	0	
mORF_+_786957	786957	786995	+	3	39	ATG	TAA	0	0	
mORF_+_787003	787003	787017	+	1	15	ATG	TAA	0	0	
mORF_+_787089	787089	787124	+	3	36	TTG	TAG	0	0	
mORF_+_787149	787149	787268	+	3	120	TTG	TGA	0	0	
mORF_+_787184	787184	787381	+	2	198	GTG	TGA	0	0	
mORF_+_787186	787186	787212	+	1	27	GTG	TAG	0	0	
mORF_+_787231	787231	787239	+	1	9	GTG	TAG	0	0	
mORF_+_787275	787275	787313	+	3	39	ATG	TAA	0	0	
mORF_+_787291	787291	787326	+	1	36	TTG	TGA	0	0	
mORF_+_787323	787323	787670	+	3	348	GTG	TGA	0	0	

mORF_+_787342	787342	787350	+	1	9	TTG	TGA	0	0
mORF_+_787378	787378	787494	+	1	117	ATG	TGA	0	0
mORF_+_787495	787495	787533	+	1	39	TTG	TAG	0	0
mORF_+_787573	787573	787584	+	1	12	GTG	TAA	0	0
mORF_+_787588	787588	787656	+	1	69	ATG	TGA	0	0
mORF_+_787726	787726	787770	+	1	45	TTG	TGA	0	0
mORF_+_787749	787749	787952	+	3	204	GTG	TAA	0	0
mORF_+_787772	787772	787846	+	2	75	TTG	TAG	0	0
mORF_+_787816	787816	787836	+	1	21	TTG	TAA	0	0
mORF_+_787975	787975	788025	+	1	51	GTG	TGA	0	0
mORF_+_788033	788033	788077	+	2	45	GTG	TGA	0	0
mORF_+_788074	788074	788106	+	1	33	GTG	TAA	0	0
mORF_+_788116	788116	788247	+	1	132	TTG	TGA	0	0
mORF_+_788126	788126	788626	+	2	501	TTG	TGA	0	0
mORF_+_788211	788211	788312	+	3	102	ATG	TGA	0	0
mORF_+_788379	788379	788405	+	3	27	GTG	TGA	0	0
mORF_+_788416	788416	788454	+	1	39	TTG	TGA	0	0
mORF_+_788451	788451	788651	+	3	201	TTG	TGA	0	0
mORF_+_788623	788623	788688	+	1	66	GTG	TGA	0	0
mORF_+_788648	788648	788677	+	2	30	ATG	TAG	0	0
mORF_+_788658	788658	788681	+	3	24	TTG	TGA	0	0
mORF_+_788685	788685	788729	+	3	45	ATG	TGA	0	0
mORF_+_788744	788744	788809	+	2	66	TTG	TGA	0	0
mORF_+_788746	788746	788853	+	1	108	GTG	TGA	0	0
mORF_+_788844	788844	788921	+	3	78	TTG	TAG	0	0
mORF_+_788891	788891	789529	+	2	639	TTG	TAA	0	0
mORF_+_788944	788944	789042	+	1	99	GTG	TGA	0	0
mORF_+_788952	788952	788984	+	3	33	ATG	TGA	0	0
mORF_+_789087	789087	789092	+	3	6	TTG	TAG	0	0
mORF_+_789096	789096	789134	+	3	39	GTG	TGA	0	0
mORF_+_789135	789135	789143	+	3	9	ATG	TGA	0	0
mORF_+_789144	789144	789155	+	3	12	GTG	TAG	0	0
mORF_+_789160	789160	789240	+	1	81	ATG	TGA	0	0
mORF_+_789165	789165	789308	+	3	144	TTG	TAA	0	0
mORF_+_789330	789330	789356	+	3	27	GTG	TAA	0	0
mORF_+_789400	789400	789423	+	1	24	ATG	TAG	0	0
mORF_+_789450	789450	789458	+	3	9	TTG	TAA	0	0
mORF_+_789519	789519	789581	+	3	63	GTG	TAA	0	0
mORF_+_789533	789533	789553	+	2	21	GTG	TAG	0	0
mORF_+_789599	789599	789670	+	2	72	GTG	TGA	0	0
mORF_+_789664	789664	789726	+	1	63	TTG	TAG	0	0
mORF_+_789695	789695	789919	+	2	225	TTG	TGA	0	0
mORF_+_789739	789739	789771	+	1	33	TTG	TAG	0	0
mORF_+_789792	789792	789911	+	3	120	TTG	TGA	0	0
mORF_+_789814	789814	789861	+	1	48	ATG	TGA	0	0
mORF_+_789874	789874	789888	+	1	15	ATG	TGA	0	0
mORF_+_789916	789916	790026	+	1	111	GTG	TAG	0	0
mORF_+_789939	789939	789977	+	3	39	GTG	TGA	0	0
mORF_+_789974	789974	790120	+	2	147	GTG	TAA	0	0
mORF_+_789996	789996	790037	+	3	42	GTG	TAA	0	0
mORF_+_790044	790044	790049	+	3	6	GTG	TAA	0	0
mORF_+_790128	790128	790214	+	3	87	TTG	TAG	0	0
mORF_+_790172	790172	790180	+	2	9	GTG	TGA	0	0
mORF_+_790177	790177	790203	+	1	27	GTG	TGA	0	0
mORF_+_790193	790193	790291	+	2	99	TTG	TGA	0	0
mORF_+_790222	790222	790242	+	1	21	GTG	TAA	0	0
mORF_+_790251	790251	790265	+	3	15	ATG	TAA	0	0
mORF_+_790279	790279	790428	+	1	150	GTG	TAA	0	0
mORF_+_790298	790298	791140	+	2	843	GTG	TAA	0	0
mORF_+_790305	790305	790385	+	3	81	GTG	TAG	0	0
mORF_+_790434	790434	790505	+	3	72	TTG	TAG	0	0
mORF_+_790506	790506	790553	+	3	48	ATG	TGA	0	0
mORF_+_790578	790578	790583	+	3	6	ATG	TAA	0	0

mORF+_790668	790668	790751	+	3	84	ATG	TAG	0	0
mORF+_790672	790672	790746	+	1	75	ATG	TGA	0	0
mORF+_790764	790764	790835	+	3	72	ATG	TAA	0	0
mORF+_790846	790846	790917	+	1	72	GTG	TAA	0	0
mORF+_790848	790848	790889	+	3	42	GTG	TGA	0	0
mORF+_790902	790902	790991	+	3	90	GTG	TAA	0	0
mORF+_791052	791052	791066	+	3	15	GTG	TGA	0	0
mORF+_791122	791122	791151	+	1	30	TTG	TAA	0	0
mORF+_791130	791130	791207	+	3	78	TTG	TGA	0	0
mORF+_791204	791204	791221	+	2	18	ATG	TAA	0	0
mORF+_791222	791222	791293	+	2	72	TTG	TAG	0	0
mORF+_791244	791244	791249	+	3	6	ATG	TAA	0	0
mORF+_791298	791298	791306	+	3	9	ATG	TGA	0	0
mORF+_791303	791303	791311	+	2	9	ATG	TAA	0	0
mORF+_791328	791328	791342	+	3	15	ATG	TGA	0	0
mORF+_791339	791339	791407	+	2	69	GTG	TGA	0	0
mORF+_791344	791344	791352	+	1	9	ATG	TAA	0	0
mORF+_791392	791392	791403	+	1	12	ATG	TAA	0	0
mORF+_791404	791404	791433	+	1	30	GTG	TGA	0	0
mORF+_791426	791426	791563	+	2	138	ATG	TAG	0	0
mORF+_791430	791430	791450	+	3	21	ATG	TGA	0	0
mORF+_791434	791434	791727	+	1	294	TTG	TAG	0	0
mORF+_791475	791475	791507	+	3	33	ATG	TAA	0	0
mORF+_791550	791550	791606	+	3	57	TTG	TAA	0	0
mORF+_791727	791727	791744	+	3	18	GTG	TAA	0	0
mORF+_791755	791755	792105	+	1	351	ATG	TAA	0	0
mORF+_791766	791766	791954	+	3	189	GTG	TAG	0	0
mORF+_791831	791831	791902	+	2	72	GTG	TGA	0	0
mORF+_791906	791906	791926	+	2	21	ATG	TAG	0	0
mORF+_791954	791954	791968	+	2	15	GTG	TAA	0	0
mORF+_792008	792008	792073	+	2	66	TTG	TAA	0	0
mORF+_792129	792129	792176	+	3	48	TTG	TAA	0	0
mORF+_792142	792142	792252	+	1	111	TTG	TAA	0	0
mORF+_792188	792188	792205	+	2	18	ATG	TAA	0	0
mORF+_792218	792218	792259	+	2	42	TTG	TGA	0	0
mORF+_792256	792256	792267	+	1	12	GTG	TGA	0	0
mORF+_792261	792261	792359	+	3	99	GTG	TAG	0	0
mORF+_792289	792289	792375	+	1	87	TTG	TAA	0	0
mORF+_792377	792377	792466	+	2	90	GTG	TGA	0	0
mORF+_792466	792466	792471	+	1	6	ATG	TAA	0	0
mORF+_792501	792501	792614	+	3	114	GTG	TAA	0	0
mORF+_792599	792599	792694	+	2	96	GTG	TGA	0	0
mORF+_792658	792658	792936	+	1	279	TTG	TAA	0	0
mORF+_792672	792672	792698	+	3	27	GTG	TGA	0	0
mORF+_792695	792695	792946	+	2	252	ATG	TGA	0	0
mORF+_792952	792952	793008	+	1	57	TTG	TGA	0	0
mORF+_792963	792963	792974	+	3	12	TTG	TAA	0	0
mORF+_792965	792965	793042	+	2	78	GTG	TGA	0	0
mORF+_793005	793005	793082	+	3	78	ATG	TAG	0	0
mORF+_793027	793027	793062	+	1	36	GTG	TAA	0	0
mORF+_793052	793052	793201	+	2	150	GTG	TAG	0	0
mORF+_793089	793089	793121	+	3	33	GTG	TAG	0	0
mORF+_793125	793125	793145	+	3	21	GTG	TGA	0	0
mORF+_793173	793173	793244	+	3	72	GTG	TGA	0	0
mORF+_793183	793183	793248	+	1	66	GTG	TAA	0	0
mORF+_793241	793241	793261	+	2	21	ATG	TAA	0	0
mORF+_793262	793262	793324	+	2	63	TTG	TAG	0	0
mORF+_793266	793266	793298	+	3	33	TTG	TGA	0	0
mORF+_793341	793341	793439	+	3	99	TTG	TGA	0	0
mORF+_793373	793373	793420	+	2	48	TTG	TAA	0	0
mORF+_793375	793375	793383	+	1	9	GTG	TAA	0	0
mORF+_793384	793384	793464	+	1	81	TTG	TGA	0	0
mORF+_793430	793430	793504	+	2	75	ATG	TGA	0	0

mORF_+_793461	793461	793604	+	3	144	GTG	TAG	0	0	
mORF_+_793501	793501	793713	+	1	213	GTG	TAA	0	0	
mORF_+_793577	793577	793597	+	2	21	TTG	TAA	0	0	
mORF_+_793685	793685	793696	+	2	12	ATG	TAA	0	0	
mORF_+_793713	793713	793736	+	3	24	ATG	TAG	0	0	
mORF_+_793767	793767	793964	+	3	198	ATG	TAG	0	0	
mORF_+_793787	793787	793795	+	2	9	GTG	TAG	0	0	
mORF_+_793829	793829	793897	+	2	69	TTG	TGA	0	0	
mORF_+_793894	793894	793977	+	1	84	GTG	TGA	0	0	
mORF_+_793940	793940	793957	+	2	18	GTG	TAG	0	0	
mORF_+_793974	793974	794087	+	3	114	ATG	TGA	0	0	
mORF_+_793990	793990	794145	+	1	156	TTG	TGA	0	0	
mORF_+_794081	794081	794290	+	2	210	TTG	TAA	0	0	
mORF_+_794142	794142	794153	+	3	12	TTG	TGA	0	0	
mORF_+_794154	794154	794165	+	3	12	ATG	TAG	0	0	
mORF_+_794312	794312	795085	+	2	774	ATG	TAA	19	159	pORF_+_794312
mORF_+_794323	794323	794388	+	1	66	ATG	TGA	0	0	
mORF_+_794337	794337	794423	+	3	87	TTG	TGA	0	0	
mORF_+_794442	794442	794648	+	3	207	TTG	TAG	0	0	
mORF_+_794566	794566	794586	+	1	21	ATG	TGA	0	0	
mORF_+_794715	794715	794924	+	3	210	ATG	TAA	0	0	
mORF_+_794797	794797	794868	+	1	72	ATG	TAA	0	0	
mORF_+_794931	794931	795011	+	3	81	TTG	TGA	0	0	
mORF_+_795021	795021	795032	+	3	12	ATG	TGA	0	0	
mORF_+_795085	795085	795774	+	1	690	ATG	TAA	0	0	
mORF_+_795105	795105	795158	+	3	54	ATG	TAG	0	0	
mORF_+_795167	795167	795286	+	2	120	TTG	TAG	0	0	
mORF_+_795198	795198	795317	+	3	120	TTG	TGA	0	0	
mORF_+_795314	795314	795403	+	2	90	GTG	TGA	0	0	
mORF_+_795437	795437	795517	+	2	81	TTG	TGA	0	0	
mORF_+_795533	795533	795649	+	2	117	TTG	TGA	0	0	
mORF_+_795671	795671	795715	+	2	45	GTG	TGA	0	0	
mORF_+_795687	795687	795758	+	3	72	GTG	TGA	0	0	
mORF_+_795755	795755	795829	+	2	75	GTG	TAA	0	0	
mORF_+_795777	795777	796835	+	3	1059	ATG	TGA	5	14	pORF_+_795777
mORF_+_795829	795829	795897	+	1	69	ATG	TGA	0	0	
mORF_+_795910	795910	795918	+	1	9	GTG	TGA	0	0	
mORF_+_795940	795940	795963	+	1	24	TTG	TAA	0	0	
mORF_+_795964	795964	795990	+	1	27	ATG	TGA	0	0	
mORF_+_796009	796009	796125	+	1	117	TTG	TAG	0	0	
mORF_+_796129	796129	796209	+	1	81	TTG	TGA	0	0	
mORF_+_796234	796234	796299	+	1	66	ATG	TGA	0	0	
mORF_+_796327	796327	796374	+	1	48	ATG	TGA	0	0	
mORF_+_796405	796405	796440	+	1	36	TTG	TGA	0	0	
mORF_+_796424	796424	796435	+	2	12	GTG	TAG	0	0	
mORF_+_796448	796448	796474	+	2	27	GTG	TAG	0	0	
mORF_+_796495	796495	796521	+	1	27	TTG	TGA	0	0	
mORF_+_796550	796550	796561	+	2	12	GTG	TAA	0	0	
mORF_+_796612	796612	796827	+	1	216	ATG	TAA	0	0	
mORF_+_796739	796739	796771	+	2	33	GTG	TGA	0	0	
mORF_+_796793	796793	796813	+	2	21	GTG	TAA	0	0	
mORF_+_796845	796845	797540	+	3	696	GTG	TAA	0	0	
mORF_+_796855	796855	797088	+	1	234	ATG	TGA	0	0	
mORF_+_796994	796994	797200	+	2	207	ATG	TAA	0	0	
mORF_+_797234	797234	797239	+	2	6	GTG	TGA	0	0	
mORF_+_797236	797236	797316	+	1	81	GTG	TAG	0	0	
mORF_+_797282	797282	797293	+	2	12	ATG	TGA	0	0	
mORF_+_797321	797321	797377	+	2	57	TTG	TGA	0	0	
mORF_+_797350	797350	797433	+	1	84	ATG	TGA	0	0	
mORF_+_797402	797402	797467	+	2	66	TTG	TAG	0	0	
mORF_+_797449	797449	797493	+	1	45	GTG	TGA	0	0	
mORF_+_797471	797471	797509	+	2	39	GTG	TAG	0	0	
mORF_+_797527	797527	797544	+	1	18	GTG	TGA	0	0	

mORF_+_797541	797541	797585	+	3	45	TTG	TGA	0	0	
mORF_+_797582	797582	797671	+	2	90	ATG	TAA	0	0	
mORF_+_797617	797617	797766	+	1	150	GTG	TAA	0	0	
mORF_+_797696	797696	797812	+	2	117	ATG	TGA	0	0	
mORF_+_797793	797793	797840	+	3	48	ATG	TGA	0	0	
mORF_+_797809	797809	798804	+	1	996	ATG	TAA	39	151	pORF_+_797809
mORF_+_797873	797873	797887	+	2	15	ATG	TGA	0	0	
mORF_+_797900	797900	798025	+	2	126	TTG	TGA	0	0	
mORF_+_798029	798029	798103	+	2	75	TTG	TAG	0	0	
mORF_+_798113	798113	798127	+	2	15	ATG	TGA	0	0	
mORF_+_798146	798146	798247	+	2	102	ATG	TAA	0	0	
mORF_+_798192	798192	798284	+	3	93	TTG	TGA	0	0	
mORF_+_798281	798281	798319	+	2	39	ATG	TGA	0	0	
mORF_+_798326	798326	798397	+	2	72	TTG	TAA	0	0	
mORF_+_798381	798381	798392	+	3	12	TTG	TGA	0	0	
mORF_+_798410	798410	798424	+	2	15	ATG	TGA	0	0	
mORF_+_798447	798447	798506	+	3	60	ATG	TGA	0	0	
mORF_+_798449	798449	798469	+	2	21	GTG	TGA	0	0	
mORF_+_798524	798524	798565	+	2	42	ATG	TGA	0	0	
mORF_+_798590	798590	798604	+	2	15	ATG	TGA	0	0	
mORF_+_798650	798650	798676	+	2	27	ATG	TGA	0	0	
mORF_+_798677	798677	798811	+	2	135	TTG	TGA	0	0	
mORF_+_798780	798780	798794	+	3	15	GTG	TAA	0	0	
mORF_+_798840	798840	798848	+	3	9	GTG	TAA	0	0	
mORF_+_798866	798866	798922	+	2	57	GTG	TAA	0	0	
mORF_+_798888	798888	799046	+	3	159	TTG	TAG	0	0	
mORF_+_798994	798994	799008	+	1	15	ATG	TAA	0	0	
mORF_+_799021	799021	799035	+	1	15	ATG	TAA	0	0	
mORF_+_799052	799052	799111	+	2	60	ATG	TAA	0	0	
mORF_+_799060	799060	799311	+	1	252	TTG	TGA	0	0	
mORF_+_799124	799124	799237	+	2	114	ATG	TAA	0	0	
mORF_+_799161	799161	799229	+	3	69	TTG	TAA	0	0	
mORF_+_799263	799263	799484	+	3	222	TTG	TAA	0	0	
mORF_+_799274	799274	799336	+	2	63	ATG	TGA	0	0	
mORF_+_799315	799315	799323	+	1	9	GTG	TAA	0	0	
mORF_+_799333	799333	799344	+	1	12	ATG	TGA	0	0	
mORF_+_799412	799412	799477	+	2	66	TTG	TAA	0	0	
mORF_+_799465	799465	799554	+	1	90	TTG	TAA	0	0	
mORF_+_799526	799526	799582	+	2	57	ATG	TAA	0	0	
mORF_+_799618	799618	799629	+	1	12	TTG	TAA	0	0	
mORF_+_799632	799632	799658	+	3	27	TTG	TGA	0	0	
mORF_+_799639	799639	799713	+	1	75	TTG	TAA	0	0	
mORF_+_799655	799655	799666	+	2	12	TTG	TAA	0	0	
mORF_+_799706	799706	799723	+	2	18	TTG	TAA	0	0	
mORF_+_799716	799716	799865	+	3	150	TTG	TAG	0	0	
mORF_+_799768	799768	799896	+	1	129	ATG	TAA	0	0	
mORF_+_799790	799790	799846	+	2	57	ATG	TAA	0	0	
mORF_+_799887	799887	799934	+	3	48	ATG	TAA	0	0	
mORF_+_799900	799900	799908	+	1	9	TTG	TAA	0	0	
mORF_+_799925	799925	799939	+	2	15	TTG	TAA	0	0	
mORF_+_799957	799957	799971	+	1	15	ATG	TGA	0	0	
mORF_+_799968	799968	799985	+	3	18	TTG	TGA	0	0	
mORF_+_799982	799982	801034	+	2	1053	ATG	TGA	0	0	
mORF_+_800013	800013	800042	+	3	30	GTG	TAG	0	0	
mORF_+_800121	800121	800150	+	3	30	TTG	TGA	0	0	
mORF_+_800190	800190	800222	+	3	33	GTG	TAA	0	0	
mORF_+_800229	800229	800309	+	3	81	ATG	TGA	0	0	
mORF_+_800310	800310	800474	+	3	165	TTG	TGA	0	0	
mORF_+_800475	800475	800549	+	3	75	ATG	TGA	0	0	
mORF_+_800613	800613	800654	+	3	42	ATG	TAG	0	0	
mORF_+_800661	800661	800702	+	3	42	TTG	TAG	0	0	
mORF_+_800703	800703	800819	+	3	117	GTG	TAA	0	0	
mORF_+_800797	800797	800844	+	1	48	TTG	TAG	0	0	

mORF+_800823	800823	800891	+	3	69	GTG	TAG	0	0	
mORF+_800845	800845	800913	+	1	69	TTG	TGA	0	0	
mORF+_800910	800910	800945	+	3	36	TTG	TAA	0	0	
mORF+_800949	800949	801068	+	3	120	ATG	TAA	0	0	
mORF+_801044	801044	801055	+	2	12	TTG	TAA	0	0	
mORF+_801080	801080	801109	+	2	30	ATG	TAA	0	0	
mORF+_801110	801110	802543	+	2	1434	ATG	TAA	0	0	
mORF+_801127	801127	801318	+	1	192	ATG	TAA	0	0	
mORF+_801165	801165	801194	+	3	30	TTG	TAA	0	0	
mORF+_801216	801216	801284	+	3	69	TTG	TAA	0	0	
mORF+_801285	801285	801356	+	3	72	TTG	TAA	0	0	
mORF+_801417	801417	801422	+	3	6	TTG	TGA	0	0	
mORF+_801444	801444	801458	+	3	15	TTG	TGA	0	0	
mORF+_801459	801459	801647	+	3	189	TTG	TGA	0	0	
mORF+_801765	801765	801827	+	3	63	GTG	TGA	0	0	
mORF+_801769	801769	801855	+	1	87	ATG	TAA	0	0	
mORF+_801891	801891	801902	+	3	12	TTG	TAG	0	0	
mORF+_801936	801936	802091	+	3	156	GTG	TAA	0	0	
mORF+_802150	802150	802161	+	1	12	ATG	TGA	0	0	
mORF+_802185	802185	802328	+	3	144	TTG	TAA	0	0	
mORF+_802365	802365	802466	+	3	102	ATG	TGA	0	0	
mORF+_802444	802444	802614	+	1	171	GTG	TAA	0	0	
mORF+_802565	802565	802726	+	2	162	TTG	TGA	0	0	
mORF+_802569	802569	802742	+	3	174	ATG	TGA	0	0	
mORF+_802702	802702	804987	+	1	2286	GTG	TAA	0	0	
mORF+_802778	802778	802909	+	2	132	TTG	TAG	0	0	
mORF+_802928	802928	802993	+	2	66	TTG	TGA	0	0	
mORF+_803039	803039	803137	+	2	99	GTG	TGA	0	0	
mORF+_803189	803189	803197	+	2	9	GTG	TAG	0	0	
mORF+_803213	803213	803236	+	2	24	GTG	TAA	0	0	
mORF+_803249	803249	803296	+	2	48	ATG	TGA	0	0	
mORF+_803315	803315	803452	+	2	138	ATG	TGA	0	0	
mORF+_803495	803495	803602	+	2	108	ATG	TAA	0	0	
mORF+_803621	803621	803668	+	2	48	TTG	TGA	0	0	
mORF+_803693	803693	803776	+	2	84	GTG	TGA	0	0	
mORF+_803843	803843	803944	+	2	102	ATG	TAG	1	2	pORF+_803843
mORF+_803954	803954	804034	+	2	81	TTG	TGA	0	0	
mORF+_803994	803994	804056	+	3	63	ATG	TAA	0	0	
mORF+_804089	804089	804115	+	2	27	ATG	TGA	0	0	
mORF+_804152	804152	804163	+	2	12	GTG	TAA	0	0	
mORF+_804179	804179	804220	+	2	42	TTG	TAA	0	0	
mORF+_804183	804183	804230	+	3	48	TTG	TAA	0	0	
mORF+_804236	804236	804256	+	2	21	GTG	TGA	0	0	
mORF+_804317	804317	804325	+	2	9	GTG	TGA	0	0	
mORF+_804348	804348	804404	+	3	57	GTG	TGA	0	0	
mORF+_804401	804401	804541	+	2	141	GTG	TGA	0	0	
mORF+_804551	804551	804631	+	2	81	TTG	TGA	0	0	
mORF+_804641	804641	804682	+	2	42	ATG	TGA	0	0	
mORF+_804683	804683	804868	+	2	186	TTG	TGA	2	8	pORF+_804683
mORF+_804872	804872	804889	+	2	18	ATG	TAA	0	0	
mORF+_804996	804996	805001	+	3	6	ATG	TGA	0	0	
mORF+_804998	804998	805174	+	2	177	GTG	TAG	0	0	
mORF+_805002	805002	805007	+	3	6	ATG	TAG	0	0	
mORF+_805032	805032	805082	+	3	51	ATG	TAG	0	0	
mORF+_805125	805125	805214	+	3	90	ATG	TAA	0	0	
mORF+_805215	805215	805592	+	3	378	TTG	TGA	0	0	
mORF+_805267	805267	805290	+	1	24	TTG	TAG	0	0	
mORF+_805294	805294	805440	+	1	147	GTG	TGA	0	0	
mORF+_805444	805444	805536	+	1	93	TTG	TAG	0	0	
mORF+_805540	805540	805584	+	1	45	ATG	TGA	0	0	
mORF+_805559	805559	805738	+	2	180	GTG	TGA	0	0	
mORF+_805612	805612	805671	+	1	60	GTG	TAG	0	0	
mORF+_805675	805675	805698	+	1	24	TTG	TGA	0	0	

mORF_+_805732	805732	805755	+	1	24	TTG	TGA	0	0	
mORF_+_805765	805765	806016	+	1	252	ATG	TGA	0	0	
mORF_+_805808	805808	806008	+	2	201	GTG	TGA	0	0	
mORF_+_805821	805821	805898	+	3	78	ATG	TGA	0	0	
mORF_+_806013	806013	806435	+	3	423	GTG	TGA	0	0	
mORF_+_806035	806035	806139	+	1	105	ATG	TGA	0	0	
mORF_+_806173	806173	806214	+	1	42	TTG	TGA	0	0	
mORF_+_806192	806192	806284	+	2	93	TTG	TAA	0	0	
mORF_+_806218	806218	806238	+	1	21	GTG	TGA	0	0	
mORF_+_806239	806239	806334	+	1	96	GTG	TAG	0	0	
mORF_+_806315	806315	806536	+	2	222	GTG	TGA	0	0	
mORF_+_806497	806497	806523	+	1	27	GTG	TGA	0	0	
mORF_+_806508	806508	806528	+	3	21	TTG	TAG	0	0	
mORF_+_806533	806533	806565	+	1	33	ATG	TAA	0	0	
mORF_+_806567	806567	806587	+	2	21	TTG	TAA	0	0	
mORF_+_806600	806600	806659	+	2	60	TTG	TAA	0	0	
mORF_+_806619	806619	806663	+	3	45	GTG	TAA	0	0	
mORF_+_806629	806629	806655	+	1	27	ATG	TGA	0	0	
mORF_+_806685	806685	806711	+	3	27	TTG	TAA	0	0	
mORF_+_806695	806695	806907	+	1	213	GTG	TAA	0	0	
mORF_+_806783	806783	806788	+	2	6	ATG	TAG	0	0	
mORF_+_806811	806811	806933	+	3	123	GTG	TAA	0	0	
mORF_+_806944	806944	807042	+	1	99	GTG	TGA	0	0	
mORF_+_806964	806964	806990	+	3	27	TTG	TGA	0	0	
mORF_+_806987	806987	807061	+	2	75	GTG	TAA	0	0	
mORF_+_807039	807039	807074	+	3	36	GTG	TAA	0	0	
mORF_+_807065	807065	807082	+	2	18	ATG	TGA	0	0	
mORF_+_807079	807079	807231	+	1	153	ATG	TAA	0	0	
mORF_+_807122	807122	807655	+	2	534	ATG	TAA	0	0	
mORF_+_807150	807150	807164	+	3	15	TTG	TAG	0	0	
mORF_+_807297	807297	807368	+	3	72	TTG	TGA	0	0	
mORF_+_807369	807369	807875	+	3	507	GTG	TGA	0	0	
mORF_+_807520	807520	807552	+	1	33	TTG	TAA	0	0	
mORF_+_807556	807556	807570	+	1	15	TTG	TAA	0	0	
mORF_+_807622	807622	807855	+	1	234	GTG	TGA	0	0	
mORF_+_807695	807695	807799	+	2	105	ATG	TAA	0	0	
mORF_+_807809	807809	808003	+	2	195	ATG	TGA	0	0	
mORF_+_807936	807936	807980	+	3	45	ATG	TAG	0	0	
mORF_+_808000	808000	808233	+	1	234	TTG	TGA	0	0	
mORF_+_808046	808046	808513	+	2	468	ATG	TAG	0	0	
mORF_+_808056	808056	808301	+	3	246	TTG	TGA	0	0	
mORF_+_808302	808302	808307	+	3	6	TTG	TAG	0	0	
mORF_+_808422	808422	808493	+	3	72	ATG	TAA	0	0	
mORF_+_808426	808426	808482	+	1	57	ATG	TAA	0	0	
mORF_+_808500	808500	808616	+	3	117	TTG	TGA	0	0	
mORF_+_808567	808567	809607	+	1	1041	ATG	TGA	20	174	pORF_+_808567
mORF_+_808613	808613	808792	+	2	180	TTG	TGA	0	0	
mORF_+_808722	808722	808802	+	3	81	TTG	TGA	0	0	
mORF_+_808799	808799	808927	+	2	129	TTG	TAA	0	0	
mORF_+_808869	808869	808973	+	3	105	GTG	TGA	0	0	
mORF_+_808970	808970	809152	+	2	183	GTG	TAG	0	0	
mORF_+_809261	809261	809326	+	2	66	TTG	TGA	0	0	
mORF_+_809391	809391	809465	+	3	75	GTG	TAA	0	0	
mORF_+_809549	809549	809563	+	2	15	TTG	TGA	0	0	
mORF_+_809604	809604	810758	+	3	1155	ATG	TAA	8	23	pORF_+_809604
mORF_+_809638	809638	809730	+	1	93	ATG	TGA	0	0	
mORF_+_809782	809782	809961	+	1	180	GTG	TGA	0	0	
mORF_+_809888	809888	809938	+	2	51	GTG	TAA	0	0	
mORF_+_809980	809980	810030	+	1	51	TTG	TAA	0	0	
mORF_+_810052	810052	810123	+	1	72	TTG	TGA	0	0	
mORF_+_810154	810154	810183	+	1	30	GTG	TAA	0	0	
mORF_+_810196	810196	810207	+	1	12	ATG	TGA	0	0	
mORF_+_810214	810214	810279	+	1	66	ATG	TAA	0	0	

mORF_+_810304	810304	810573	+	1	270	TTG	TGA	0	0	
mORF_+_810341	810341	810460	+	2	120	TTG	TGA	0	0	
mORF_+_810551	810551	810583	+	2	33	ATG	TGA	0	0	
mORF_+_810574	810574	810690	+	1	117	TTG	TAA	0	0	
mORF_+_810706	810706	811500	+	1	795	ATG	TAA	0	0	
mORF_+_810770	810770	810913	+	2	144	TTG	TGA	0	0	
mORF_+_810894	810894	811097	+	3	204	TTG	TAA	0	0	
mORF_+_810974	810974	811042	+	2	69	TTG	TAG	0	0	
mORF_+_811061	811061	811270	+	2	210	TTG	TGA	0	0	
mORF_+_811200	811200	811232	+	3	33	GTG	TAA	0	0	
mORF_+_811311	811311	811319	+	3	9	GTG	TGA	0	0	
mORF_+_811316	811316	811348	+	2	33	TTG	TGA	0	0	
mORF_+_811358	811358	811399	+	2	42	GTG	TAA	0	0	
mORF_+_811487	811487	812170	+	2	684	TTG	TAG	15	120	pORF_+_811487
mORF_+_811509	811509	811709	+	3	201	TTG	TAA	0	0	
mORF_+_811552	811552	811605	+	1	54	TTG	TAA	0	0	
mORF_+_811809	811809	811835	+	3	27	TTG	TAG	0	0	
mORF_+_811842	811842	811898	+	3	57	GTG	TAA	0	0	
mORF_+_811891	811891	811953	+	1	63	TTG	TAA	0	0	
mORF_+_811929	811929	811937	+	3	9	TTG	TGA	0	0	
mORF_+_812008	812008	812052	+	1	45	TTG	TGA	0	0	
mORF_+_812022	812022	812060	+	3	39	ATG	TGA	0	0	
mORF_+_812112	812112	812153	+	3	42	TTG	TAA	0	0	
mORF_+_812157	812157	812189	+	3	33	TTG	TAA	0	0	
mORF_+_812182	812182	812229	+	1	48	TTG	TAA	0	0	
mORF_+_812277	812277	812423	+	3	147	ATG	TAA	0	0	
mORF_+_812288	812288	812365	+	2	78	GTG	TAG	0	0	
mORF_+_812414	812414	812464	+	2	51	TTG	TAG	0	0	
mORF_+_812469	812469	812507	+	3	39	ATG	TAA	0	0	
mORF_+_812474	812474	812569	+	2	96	ATG	TAA	0	0	
mORF_+_812532	812532	812561	+	3	30	ATG	TAA	0	0	
mORF_+_812602	812602	812652	+	1	51	TTG	TGA	0	0	
mORF_+_812612	812612	812677	+	2	66	TTG	TAA	0	0	
mORF_+_812646	812646	812690	+	3	45	ATG	TAA	0	0	
mORF_+_812749	812749	814770	+	1	2022	ATG	TAA	19	57	pORF_+_812749
mORF_+_812837	812837	812869	+	2	33	ATG	TGA	0	0	
mORF_+_812894	812894	812980	+	2	87	TTG	TGA	0	0	
mORF_+_813050	813050	813220	+	2	171	ATG	TGA	0	0	
mORF_+_813299	813299	813346	+	2	48	ATG	TGA	0	0	
mORF_+_813371	813371	813439	+	2	69	ATG	TGA	0	0	
mORF_+_813449	813449	813607	+	2	159	TTG	TGA	0	0	
mORF_+_813623	813623	813637	+	2	15	TTG	TGA	0	0	
mORF_+_813665	813665	813904	+	2	240	TTG	TAG	0	0	
mORF_+_813920	813920	814111	+	2	192	ATG	TGA	0	0	
mORF_+_814154	814154	814252	+	2	99	ATG	TAG	0	0	
mORF_+_814364	814364	814516	+	2	153	TTG	TGA	0	0	
mORF_+_814556	814556	814675	+	2	120	TTG	TGA	0	0	
mORF_+_814724	814724	814813	+	2	90	GTG	TGA	0	0	
mORF_+_814791	814791	814874	+	3	84	ATG	TAG	0	0	
mORF_+_814813	814813	814857	+	1	45	ATG	TGA	0	0	
mORF_+_814921	814921	814965	+	1	45	TTG	TAA	0	0	
mORF_+_814998	814998	815003	+	3	6	ATG	TAA	0	0	
mORF_+_815016	815016	815186	+	3	171	ATG	TAA	0	0	
mORF_+_815093	815093	815107	+	2	15	TTG	TGA	0	0	
mORF_+_815104	815104	815217	+	1	114	ATG	TAA	0	0	
mORF_+_815147	815147	815176	+	2	30	TTG	TAG	0	0	
mORF_+_815233	815233	815292	+	1	60	GTG	TAA	0	0	
mORF_+_815243	815243	815311	+	2	69	ATG	TAA	0	0	
mORF_+_815311	815311	815340	+	1	30	ATG	TGA	0	0	
mORF_+_815337	815337	815375	+	3	39	GTG	TAA	0	0	
mORF_+_815354	815354	815368	+	2	15	TTG	TAG	0	0	
mORF_+_815385	815385	815402	+	3	18	TTG	TAA	0	0	
mORF_+_815413	815413	815427	+	1	15	TTG	TAA	0	0	

mORF_+_815433	815433	815477	+	3	45	ATG	TGA	0	0	
mORF_+_815480	815480	815527	+	2	48	TTG	TGA	0	0	
mORF_+_815490	815490	815522	+	3	33	ATG	TAA	0	0	
mORF_+_815524	815524	815556	+	1	33	TTG	TGA	0	0	
mORF_+_815553	815553	815570	+	3	18	GTG	TAA	0	0	
mORF_+_815589	815589	815711	+	3	123	ATG	TGA	0	0	
mORF_+_815608	815608	815874	+	1	267	TTG	TAG	0	0	
mORF_+_815789	815789	815977	+	2	189	GTG	TAA	0	0	
mORF_+_815814	815814	815948	+	3	135	ATG	TGA	0	0	
mORF_+_815914	815914	815934	+	1	21	TTG	TAA	0	0	
mORF_+_815984	815984	816004	+	2	21	ATG	TGA	0	0	
mORF_+_816004	816004	816048	+	1	45	ATG	TAG	0	0	
mORF_+_816064	816064	816081	+	1	18	ATG	TGA	0	0	
mORF_+_816078	816078	816089	+	3	12	ATG	TAG	0	0	
mORF_+_816095	816095	816127	+	2	33	GTG	TAG	0	0	
mORF_+_816097	816097	816138	+	1	42	GTG	TAA	0	0	
mORF_+_816181	816181	816195	+	1	15	GTG	TGA	0	0	
mORF_+_816186	816186	817256	+	3	1071	TTG	TAA	3	10	pORF_+_816186
mORF_+_816211	816211	816237	+	1	27	TTG	TGA	0	0	
mORF_+_816286	816286	816474	+	1	189	ATG	TGA	0	0	
mORF_+_816335	816335	816340	+	2	6	GTG	TAA	0	0	
mORF_+_816347	816347	816397	+	2	51	TTG	TAA	0	0	
mORF_+_816553	816553	816762	+	1	210	TTG	TGA	0	0	
mORF_+_816766	816766	816801	+	1	36	GTG	TGA	0	0	
mORF_+_816907	816907	817281	+	1	375	GTG	TGA	0	0	
mORF_+_816977	816977	817024	+	2	48	TTG	TGA	0	0	
mORF_+_817043	817043	817075	+	2	33	TTG	TAA	0	0	
mORF_+_817278	817278	817790	+	3	513	ATG	TAA	32	407	pORF_+_817278
mORF_+_817315	817315	817428	+	1	114	TTG	TGA	0	0	
mORF_+_817466	817466	817531	+	2	66	GTG	TGA	0	0	
mORF_+_817483	817483	817500	+	1	18	ATG	TGA	0	0	
mORF_+_817507	817507	817521	+	1	15	GTG	TGA	0	0	
mORF_+_817528	817528	817650	+	1	123	GTG	TAG	0	0	
mORF_+_817703	817703	817765	+	2	63	GTG	TAA	0	0	
mORF_+_817744	817744	817782	+	1	39	ATG	TGA	0	0	
mORF_+_817793	817793	818278	+	2	486	ATG	TAA	13	59	pORF_+_817793
mORF_+_817842	817842	817922	+	3	81	ATG	TGA	0	0	
mORF_+_817926	817926	818009	+	3	84	TTG	TGA	0	0	
mORF_+_818043	818043	818090	+	3	48	TTG	TAG	0	0	
mORF_+_818098	818098	818175	+	1	78	ATG	TGA	0	0	
mORF_+_818121	818121	818141	+	3	21	GTG	TAA	0	0	
mORF_+_818172	818172	818207	+	3	36	ATG	TGA	0	0	
mORF_+_818179	818179	818253	+	1	75	GTG	TGA	0	0	
mORF_+_818208	818208	818516	+	3	309	TTG	TAA	4	7	pORF_+_818208
mORF_+_818320	818320	818451	+	1	132	ATG	TGA	0	0	
mORF_+_818455	818455	818469	+	1	15	TTG	TGA	0	0	
mORF_+_818518	818518	818970	+	1	453	ATG	TAG	9	53	pORF_+_818518
mORF_+_818534	818534	818563	+	2	30	TTG	TAG	0	0	
mORF_+_818577	818577	818594	+	3	18	GTG	TGA	0	0	
mORF_+_818591	818591	818611	+	2	21	GTG	TAG	0	0	
mORF_+_818714	818714	818761	+	2	48	TTG	TGA	0	0	
mORF_+_818781	818781	818795	+	3	15	ATG	TGA	0	0	
mORF_+_818792	818792	818989	+	2	198	ATG	TAA	0	0	
mORF_+_819045	819045	819077	+	3	33	ATG	TAA	0	0	
mORF_+_819107	819107	819811	+	2	705	ATG	TAA	0	0	
mORF_+_819180	819180	819191	+	3	12	ATG	TGA	0	0	
mORF_+_819195	819195	819209	+	3	15	TTG	TGA	0	0	
mORF_+_819216	819216	819251	+	3	36	TTG	TGA	0	0	
mORF_+_819273	819273	819284	+	3	12	GTG	TAA	0	0	
mORF_+_819318	819318	819335	+	3	18	TTG	TGA	0	0	
mORF_+_819354	819354	819359	+	3	6	GTG	TAA	0	0	
mORF_+_819420	819420	819485	+	3	66	TTG	TGA	0	0	
mORF_+_819519	819519	819551	+	3	33	GTG	TAA	0	0	

mORF_+_819558	819558	819590	+	3	33	TTG	TGA	0	0	
mORF_+_819607	819607	819660	+	1	54	GTG	TGA	0	0	
mORF_+_819633	819633	819650	+	3	18	TTG	TGA	0	0	
mORF_+_819657	819657	819674	+	3	18	ATG	TGA	0	0	
mORF_+_819684	819684	819746	+	3	63	GTG	TAA	0	0	
mORF_+_819839	819839	819877	+	2	39	ATG	TAA	0	0	
mORF_+_819841	819841	819864	+	1	24	GTG	TAA	0	0	
mORF_+_819897	819897	819989	+	3	93	ATG	TAA	0	0	
mORF_+_819904	819904	819936	+	1	33	ATG	TAA	0	0	
mORF_+_819937	819937	820011	+	1	75	ATG	TAA	0	0	
mORF_+_819950	819950	819967	+	2	18	TTG	TAA	0	0	
mORF_+_820016	820016	820729	+	2	714	ATG	TAG	0	0	
mORF_+_820084	820084	820140	+	1	57	ATG	TAA	0	0	
mORF_+_820167	820167	820196	+	3	30	ATG	TAG	0	0	
mORF_+_820210	820210	820230	+	1	21	TTG	TAA	0	0	
mORF_+_820218	820218	820226	+	3	9	ATG	TAA	0	0	
mORF_+_820248	820248	820268	+	3	21	ATG	TAA	0	0	
mORF_+_820299	820299	820316	+	3	18	TTG	TAG	0	0	
mORF_+_820326	820326	820370	+	3	45	ATG	TAA	0	0	
mORF_+_820398	820398	820433	+	3	36	ATG	TGA	0	0	
mORF_+_820470	820470	820481	+	3	12	ATG	TAA	0	0	
mORF_+_820485	820485	820505	+	3	21	GTG	TAA	0	0	
mORF_+_820498	820498	820560	+	1	63	TTG	TAA	0	0	
mORF_+_820521	820521	820637	+	3	117	TTG	TAA	0	0	
mORF_+_820582	820582	820590	+	1	9	ATG	TAG	0	0	
mORF_+_820600	820600	820761	+	1	162	GTG	TAA	0	0	
mORF_+_820665	820665	820685	+	3	21	TTG	TAG	0	0	
mORF_+_820695	820695	820748	+	3	54	TTG	TAA	0	0	
mORF_+_820736	820736	820825	+	2	90	ATG	TAA	0	0	
mORF_+_820845	820845	820853	+	3	9	GTG	TAA	0	0	
mORF_+_820893	820893	820934	+	3	42	TTG	TAA	0	0	
mORF_+_820901	820901	821026	+	2	126	TTG	TAG	0	0	
mORF_+_820909	820909	820926	+	1	18	ATG	TAG	0	0	
mORF_+_820969	820969	821004	+	1	36	ATG	TAA	0	0	
mORF_+_821035	821035	821046	+	1	12	TTG	TAA	0	0	
mORF_+_821118	821118	821147	+	3	30	ATG	TGA	0	0	
mORF_+_821137	821137	821211	+	1	75	TTG	TAA	0	0	
mORF_+_821144	821144	821191	+	2	48	TTG	TAA	0	0	
mORF_+_821216	821216	821242	+	2	27	ATG	TGA	0	0	
mORF_+_821239	821239	821304	+	1	66	TTG	TAA	0	0	
mORF_+_821306	821306	821311	+	2	6	ATG	TAG	0	0	
mORF_+_821321	821321	821395	+	2	75	TTG	TAG	0	0	
mORF_+_821405	821405	821446	+	2	42	ATG	TAG	0	0	
mORF_+_821486	821486	821491	+	2	6	TTG	TGA	0	0	
mORF_+_821488	821488	821694	+	1	207	GTG	TAA	0	0	
mORF_+_821582	821582	821587	+	2	6	TTG	TAG	0	0	
mORF_+_821594	821594	821635	+	2	42	ATG	TAG	0	0	
mORF_+_821675	821675	821947	+	2	273	GTG	TAA	1	112	pORF_+_821675
mORF_+_821688	821688	821855	+	3	168	TTG	TAA	0	0	
mORF_+_821707	821707	821712	+	1	6	GTG	TGA	0	0	
mORF_+_821737	821737	821931	+	1	195	GTG	TGA	0	0	
mORF_+_821859	821859	822023	+	3	165	GTG	TGA	0	0	
mORF_+_821947	821947	821985	+	1	39	ATG	TGA	0	0	
mORF_+_821995	821995	822069	+	1	75	ATG	TGA	0	0	
mORF_+_822005	822005	822031	+	2	27	TTG	TGA	0	0	
mORF_+_822066	822066	822254	+	3	189	GTG	TAA	0	0	
mORF_+_822080	822080	822139	+	2	60	ATG	TAA	0	0	
mORF_+_822088	822088	822126	+	1	39	TTG	TGA	0	0	
mORF_+_822202	822202	822264	+	1	63	ATG	TAG	0	0	
mORF_+_822230	822230	822292	+	2	63	GTG	TAA	0	0	
mORF_+_822283	822283	822312	+	1	30	TTG	TGA	0	0	
mORF_+_822313	822313	822330	+	1	18	GTG	TAA	0	0	
mORF_+_822330	822330	822800	+	3	471	ATG	TAG	0	0	

mORF_+_822418	822418	822423	+	1	6	TTG	TGA	0	0	
mORF_+_822443	822443	822535	+	2	93	GTG	TAG	0	0	
mORF_+_822619	822619	822681	+	1	63	TTG	TAG	0	0	
mORF_+_822715	822715	822750	+	1	36	TTG	TAG	0	0	
mORF_+_822800	822800	822844	+	2	45	GTG	TAA	0	0	
mORF_+_822807	822807	822968	+	3	162	ATG	TGA	0	0	
mORF_+_822817	822817	822903	+	1	87	TTG	TAA	0	0	
mORF_+_822869	822869	822889	+	2	21	GTG	TAA	0	0	
mORF_+_822937	822937	823056	+	1	120	TTG	TGA	0	0	
mORF_+_822965	822965	822982	+	2	18	ATG	TAA	0	0	
mORF_+_822989	822989	823078	+	2	90	ATG	TAG	0	0	
mORF_+_823053	823053	823061	+	3	9	TTG	TAG	0	0	
mORF_+_823088	823088	823162	+	2	75	TTG	TAA	0	0	
mORF_+_823101	823101	823169	+	3	69	GTG	TGA	0	0	
mORF_+_823166	823166	823231	+	2	66	ATG	TAG	0	0	
mORF_+_823191	823191	823271	+	3	81	TTG	TGA	0	0	
mORF_+_823274	823274	823762	+	2	489	GTG	TAG	0	0	
mORF_+_823341	823341	823352	+	3	12	ATG	TAG	0	0	
mORF_+_823410	823410	823418	+	3	9	ATG	TAA	0	0	
mORF_+_823434	823434	823442	+	3	9	TTG	TGA	0	0	
mORF_+_823464	823464	823475	+	3	12	TTG	TAG	0	0	
mORF_+_823494	823494	823514	+	3	21	GTG	TAG	0	0	
mORF_+_823635	823635	823670	+	3	36	ATG	TGA	0	0	
mORF_+_823674	823674	823712	+	3	39	TTG	TGA	0	0	
mORF_+_823705	823705	823722	+	1	18	GTG	TAA	0	0	
mORF_+_823734	823734	823757	+	3	24	TTG	TAG	0	0	
mORF_+_823779	823779	823823	+	3	45	GTG	TAA	0	0	
mORF_+_823853	823853	824263	+	2	411	ATG	TGA	0	0	
mORF_+_823858	823858	823956	+	1	99	GTG	TAA	0	0	
mORF_+_823869	823869	823892	+	3	24	GTG	TAA	0	0	
mORF_+_823984	823984	824055	+	1	72	ATG	TGA	0	0	
mORF_+_823998	823998	824009	+	3	12	GTG	TAG	0	0	
mORF_+_824052	824052	824081	+	3	30	GTG	TGA	0	0	
mORF_+_824097	824097	824111	+	3	15	TTG	TGA	0	0	
mORF_+_824112	824112	824198	+	3	87	TTG	TAG	0	0	
mORF_+_824119	824119	824220	+	1	102	GTG	TAA	0	0	
mORF_+_824271	824271	824339	+	3	69	GTG	TAA	0	0	
mORF_+_824346	824346	824432	+	3	87	TTG	TAA	0	0	
mORF_+_824363	824363	824497	+	2	135	GTG	TGA	0	0	
mORF_+_824445	824445	824546	+	3	102	ATG	TAA	0	0	
mORF_+_824491	824491	824559	+	1	69	GTG	TAA	0	0	
mORF_+_824594	824594	824653	+	2	60	TTG	TAA	0	0	
mORF_+_824625	824625	824714	+	3	90	ATG	TGA	0	0	
mORF_+_824726	824726	824755	+	2	30	TTG	TGA	0	0	
mORF_+_824752	824752	824760	+	1	9	GTG	TGA	0	0	
mORF_+_824757	824757	824822	+	3	66	GTG	TAG	0	0	
mORF_+_824797	824797	824871	+	1	75	GTG	TAG	0	0	
mORF_+_824844	824844	824903	+	3	60	TTG	TGA	0	0	
mORF_+_824910	824910	824930	+	3	21	TTG	TAG	0	0	
mORF_+_824921	824921	825043	+	2	123	TTG	TAG	0	0	
mORF_+_824931	824931	825107	+	3	177	TTG	TGA	1	8	pORF_+_824931
mORF_+_825053	825053	825241	+	2	189	TTG	TAG	0	0	
mORF_+_825055	825055	825111	+	1	57	GTG	TAA	0	0	
mORF_+_825177	825177	825236	+	3	60	ATG	TGA	0	0	
mORF_+_825269	825269	825310	+	2	42	TTG	TAA	0	0	
mORF_+_825300	825300	825326	+	3	27	TTG	TGA	0	0	
mORF_+_825323	825323	825385	+	2	63	ATG	TAA	0	0	
mORF_+_825330	825330	825662	+	3	333	ATG	TAA	0	0	
mORF_+_825358	825358	825483	+	1	126	TTG	TAA	0	0	
mORF_+_825496	825496	825540	+	1	45	ATG	TGA	0	0	
mORF_+_825604	825604	825774	+	1	171	TTG	TAA	0	0	
mORF_+_825805	825805	825966	+	1	162	GTG	TAG	0	0	
mORF_+_825933	825933	826301	+	3	369	GTG	TAA	0	0	

mORF_+_826006	826006	826107	+	1	102	TTG	TGA	0	0	
mORF_+_826112	826112	826162	+	2	51	GTG	TAA	0	0	
mORF_+_826117	826117	826212	+	1	96	GTG	TGA	0	0	
mORF_+_826225	826225	826242	+	1	18	ATG	TAG	0	0	
mORF_+_826255	826255	826344	+	1	90	ATG	TAA	0	0	
mORF_+_826475	826475	826510	+	2	36	TTG	TGA	0	0	
mORF_+_826480	826480	826596	+	1	117	ATG	TAA	0	0	
mORF_+_826526	826526	826966	+	2	441	ATG	TAG	0	0	
mORF_+_826560	826560	826649	+	3	90	GTG	TAA	0	0	
mORF_+_826651	826651	826818	+	1	168	GTG	TAA	0	0	
mORF_+_826818	826818	827090	+	3	273	ATG	TAA	0	0	
mORF_+_826837	826837	826911	+	1	75	GTG	TAA	0	0	
mORF_+_826978	826978	827253	+	1	276	TTG	TAA	0	0	
mORF_+_827093	827093	827167	+	2	75	GTG	TGA	0	0	
mORF_+_827115	827115	827150	+	3	36	TTG	TAA	0	0	
mORF_+_827171	827171	827425	+	2	255	GTG	TGA	0	0	
mORF_+_827232	827232	827306	+	3	75	GTG	TAA	0	0	
mORF_+_827365	827365	827583	+	1	219	ATG	TAA	0	0	
mORF_+_827382	827382	827399	+	3	18	GTG	TGA	0	0	
mORF_+_827429	827429	827554	+	2	126	ATG	TGA	0	0	
mORF_+_827490	827490	827693	+	3	204	GTG	TAG	0	0	
mORF_+_827659	827659	827688	+	1	30	ATG	TGA	0	0	
mORF_+_827770	827770	828039	+	1	270	TTG	TAA	0	0	
mORF_+_827792	827792	827956	+	2	165	TTG	TAA	0	0	
mORF_+_827862	827862	827876	+	3	15	GTG	TGA	0	0	
mORF_+_827987	827987	828106	+	2	120	TTG	TAA	0	0	
mORF_+_828112	828112	828339	+	1	228	GTG	TAA	0	0	
mORF_+_828116	828116	828253	+	2	138	ATG	TAA	0	0	
mORF_+_828374	828374	828487	+	2	114	GTG	TAG	0	0	
mORF_+_828384	828384	828407	+	3	24	TTG	TAA	0	0	
mORF_+_828417	828417	828461	+	3	45	TTG	TAA	0	0	
mORF_+_828487	828487	828498	+	1	12	GTG	TAA	0	0	
mORF_+_828504	828504	828650	+	3	147	GTG	TGA	0	0	
mORF_+_828580	828580	828771	+	1	192	TTG	TAG	0	0	
mORF_+_828614	828614	828706	+	2	93	TTG	TGA	0	0	
mORF_+_828654	828654	828686	+	3	33	ATG	TGA	0	0	
mORF_+_828771	828771	828806	+	3	36	GTG	TAG	0	0	
mORF_+_828791	828791	829240	+	2	450	TTG	TGA	0	0	
mORF_+_828876	828876	828968	+	3	93	TTG	TGA	0	0	
mORF_+_828913	828913	828999	+	1	87	GTG	TGA	0	0	
mORF_+_828996	828996	829118	+	3	123	TTG	TGA	0	0	
mORF_+_829207	829207	829215	+	1	9	TTG	TAA	0	0	
mORF_+_829219	829219	829305	+	1	87	TTG	TAA	0	0	
mORF_+_829256	829256	829366	+	2	111	TTG	TGA	0	0	
mORF_+_829311	829311	829445	+	3	135	TTG	TAA	0	0	
mORF_+_829357	829357	829437	+	1	81	ATG	TAG	0	0	
mORF_+_829373	829373	829471	+	2	99	ATG	TAG	0	0	
mORF_+_829456	829456	829884	+	1	429	GTG	TAA	0	0	
mORF_+_829478	829478	829717	+	2	240	GTG	TAG	0	0	
mORF_+_829602	829602	829661	+	3	60	GTG	TAA	0	0	
mORF_+_829721	829721	829900	+	2	180	GTG	TAA	0	0	
mORF_+_829803	829803	829844	+	3	42	GTG	TGA	0	0	
mORF_+_829845	829845	829892	+	3	48	TTG	TGA	0	0	
mORF_+_829893	829893	829916	+	3	24	TTG	TAG	0	0	
mORF_+_829922	829922	830014	+	2	93	TTG	TGA	0	0	
mORF_+_829972	829972	830055	+	1	84	ATG	TGA	0	0	
mORF_+_830019	830019	830126	+	3	108	GTG	TGA	0	0	
mORF_+_830095	830095	831459	+	1	1365	ATG	TAA	11	17	pORF_+_830095
mORF_+_830141	830141	830218	+	2	78	TTG	TGA	0	0	
mORF_+_830324	830324	830401	+	2	78	GTG	TGA	0	0	
mORF_+_830423	830423	830434	+	2	12	TTG	TGA	0	0	
mORF_+_830462	830462	830530	+	2	69	GTG	TGA	0	0	
mORF_+_830543	830543	830617	+	2	75	TTG	TAA	0	0	

mORF_+_830771	830771	830812	+	2	42	TTG	TGA	0	0	
mORF_+_830813	830813	831187	+	2	375	TTG	TGA	0	0	
mORF_+_831141	831141	831149	+	3	9	GTG	TGA	0	0	
mORF_+_831206	831206	831517	+	2	312	TTG	TGA	0	0	
mORF_+_831466	831466	831561	+	1	96	ATG	TGA	0	0	
mORF_+_831558	831558	831704	+	3	147	TTG	TAG	0	0	
mORF_+_831568	831568	831579	+	1	12	ATG	TAG	0	0	
mORF_+_831626	831626	831640	+	2	15	TTG	TGA	0	0	
mORF_+_831637	831637	831678	+	1	42	TTG	TAA	0	0	
mORF_+_831709	831709	831729	+	1	21	TTG	TAA	0	0	
mORF_+_831749	831749	831763	+	2	15	TTG	TGA	0	0	
mORF_+_831760	831760	832035	+	1	276	ATG	TGA	0	0	
mORF_+_831810	831810	831866	+	3	57	TTG	TAG	0	0	
mORF_+_831873	831873	831899	+	3	27	GTG	TGA	0	0	
mORF_+_831896	831896	832021	+	2	126	TTG	TGA	0	0	
mORF_+_831948	831948	831962	+	3	15	GTG	TAG	0	0	
mORF_+_832014	832014	832040	+	3	27	GTG	TAG	0	0	
mORF_+_832061	832061	832099	+	2	39	TTG	TAG	0	0	
mORF_+_832109	832109	832117	+	2	9	GTG	TAG	0	0	
mORF_+_832124	832124	832315	+	2	192	ATG	TAA	0	0	
mORF_+_832135	832135	832176	+	1	42	TTG	TAA	0	0	
mORF_+_832158	832158	834443	+	3	2286	GTG	TAA	0	0	
mORF_+_832198	832198	832239	+	1	42	TTG	TGA	0	0	
mORF_+_832261	832261	832302	+	1	42	TTG	TAA	0	0	
mORF_+_832324	832324	832395	+	1	72	TTG	TGA	0	0	
mORF_+_832396	832396	832488	+	1	93	TTG	TGA	0	0	
mORF_+_832504	832504	832536	+	1	33	TTG	TGA	0	0	
mORF_+_832630	832630	832665	+	1	36	TTG	TGA	0	0	
mORF_+_832649	832649	832660	+	2	12	TTG	TAA	0	0	
mORF_+_832714	832714	832728	+	1	15	TTG	TGA	0	0	
mORF_+_832757	832757	832792	+	2	36	TTG	TAA	0	0	
mORF_+_832759	832759	832770	+	1	12	GTG	TGA	0	0	
mORF_+_832793	832793	832819	+	2	27	ATG	TGA	0	0	
mORF_+_832798	832798	832830	+	1	33	ATG	TAG	0	0	
mORF_+_832831	832831	832854	+	1	24	ATG	TAA	0	0	
mORF_+_832886	832886	832903	+	2	18	TTG	TGA	0	0	
mORF_+_832900	832900	832974	+	1	75	GTG	TGA	0	0	
mORF_+_832904	832904	833008	+	2	105	ATG	TGA	0	0	
mORF_+_833056	833056	833082	+	1	27	ATG	TGA	0	0	
mORF_+_833102	833102	833197	+	2	96	GTG	TGA	0	0	
mORF_+_833206	833206	833247	+	1	42	ATG	TAA	0	0	
mORF_+_833213	833213	833218	+	2	6	TTG	TGA	0	0	
mORF_+_833299	833299	833403	+	1	105	TTG	TAA	0	0	
mORF_+_833404	833404	833448	+	1	45	GTG	TGA	0	0	
mORF_+_833530	833530	833541	+	1	12	GTG	TGA	0	0	
mORF_+_833546	833546	833770	+	2	225	ATG	TAA	0	0	
mORF_+_833608	833608	833688	+	1	81	GTG	TGA	0	0	
mORF_+_833716	833716	833724	+	1	9	GTG	TGA	0	0	
mORF_+_833746	833746	833955	+	1	210	TTG	TGA	0	0	
mORF_+_834010	834010	834093	+	1	84	TTG	TGA	0	0	
mORF_+_834097	834097	834162	+	1	66	GTG	TGA	0	0	
mORF_+_834176	834176	834208	+	2	33	ATG	TGA	0	0	
mORF_+_834205	834205	834243	+	1	39	TTG	TGA	0	0	
mORF_+_834253	834253	834264	+	1	12	TTG	TGA	0	0	
mORF_+_834278	834278	834388	+	2	111	TTG	TGA	0	0	
mORF_+_834328	834328	834369	+	1	42	ATG	TAG	0	0	
mORF_+_834443	834443	834451	+	2	9	ATG	TGA	0	0	
mORF_+_834448	834448	834531	+	1	84	GTG	TAG	0	0	
mORF_+_834471	834471	835433	+	3	963	ATG	TAA	35	156	pORF_+_834471
mORF_+_834556	834556	834609	+	1	54	ATG	TGA	0	0	
mORF_+_834610	834610	834690	+	1	81	TTG	TGA	0	0	
mORF_+_834718	834718	834762	+	1	45	TTG	TGA	0	0	
mORF_+_834859	834859	834867	+	1	9	TTG	TGA	0	0	

mORF_+_834953	834953	835006	+	2	54	TTG	TAA	0	0	
mORF_+_835009	835009	835143	+	1	135	GTG	TAA	0	0	
mORF_+_835147	835147	835347	+	1	201	ATG	TGA	0	0	
mORF_+_835298	835298	835306	+	2	9	GTG	TGA	0	0	
mORF_+_835310	835310	835384	+	2	75	TTG	TGA	0	0	
mORF_+_835381	835381	835509	+	1	129	GTG	TGA	0	0	
mORF_+_835457	835457	835489	+	2	33	ATG	TGA	0	0	
mORF_+_835506	835506	835571	+	3	66	TTG	TAA	0	0	
mORF_+_835526	835526	835555	+	2	30	GTG	TAA	0	0	
mORF_+_835574	835574	836659	+	2	1086	ATG	TAA	36	579	pORF_+_835574
mORF_+_835581	835581	835670	+	3	90	GTG	TAG	0	0	
mORF_+_835671	835671	835685	+	3	15	TTG	TAA	0	0	
mORF_+_835707	835707	835730	+	3	24	ATG	TGA	0	0	
mORF_+_835740	835740	836192	+	3	453	ATG	TGA	0	0	
mORF_+_835963	835963	836001	+	1	39	GTG	TAG	0	0	
mORF_+_836185	836185	836196	+	1	12	TTG	TGA	0	0	
mORF_+_836193	836193	836231	+	3	39	TTG	TAA	0	0	
mORF_+_836265	836265	836390	+	3	126	TTG	TGA	0	0	
mORF_+_836299	836299	836304	+	1	6	GTG	TGA	0	0	
mORF_+_836431	836431	836436	+	1	6	TTG	TAA	0	0	
mORF_+_836454	836454	836468	+	3	15	TTG	TGA	0	0	
mORF_+_836461	836461	836484	+	1	24	GTG	TGA	0	0	
mORF_+_836481	836481	836525	+	3	45	ATG	TGA	0	0	
mORF_+_836515	836515	836592	+	1	78	GTG	TGA	0	0	
mORF_+_836565	836565	836651	+	3	87	ATG	TAG	0	0	
mORF_+_836675	836675	836704	+	2	30	GTG	TAG	0	0	
mORF_+_836710	836710	836772	+	1	63	ATG	TAG	0	0	
mORF_+_836726	836726	836785	+	2	60	ATG	TGA	0	0	
mORF_+_836760	836760	836777	+	3	18	GTG	TAA	0	0	
mORF_+_836806	836806	836811	+	1	6	TTG	TAG	0	0	
mORF_+_836849	836849	836866	+	2	18	TTG	TAA	0	0	
mORF_+_836856	836856	836897	+	3	42	ATG	TAA	0	0	
mORF_+_836922	836922	837179	+	3	258	TTG	TAA	0	0	
mORF_+_837013	837013	837120	+	1	108	ATG	TAG	0	0	
mORF_+_837172	837172	837183	+	1	12	TTG	TGA	0	0	
mORF_+_837180	837180	837269	+	3	90	GTG	TGA	0	0	
mORF_+_837197	837197	837202	+	2	6	ATG	TGA	0	0	
mORF_+_837199	837199	837231	+	1	33	GTG	TAA	0	0	
mORF_+_837244	837244	837264	+	1	21	TTG	TAA	0	0	
mORF_+_837266	837266	837280	+	2	15	TTG	TAA	0	0	
mORF_+_837270	837270	837353	+	3	84	TTG	TAA	0	0	
mORF_+_837301	837301	837315	+	1	15	TTG	TGA	0	0	
mORF_+_837332	837332	837412	+	2	81	GTG	TAG	0	0	
mORF_+_837363	837363	837416	+	3	54	ATG	TAA	0	0	
mORF_+_837470	837470	837475	+	2	6	TTG	TAA	0	0	
mORF_+_837494	837494	837505	+	2	12	ATG	TAA	0	0	
mORF_+_837519	837519	837713	+	3	195	ATG	TAA	0	0	
mORF_+_837625	837625	837636	+	1	12	TTG	TGA	0	0	
mORF_+_837673	837673	837723	+	1	51	ATG	TAA	0	0	
mORF_+_837714	837714	837719	+	3	6	GTG	TAG	0	0	
mORF_+_837783	837783	837920	+	3	138	ATG	TGA	0	0	
mORF_+_837850	837850	838056	+	1	207	TTG	TAG	0	0	
mORF_+_837917	837917	838033	+	2	117	ATG	TAA	0	0	
mORF_+_837957	837957	838073	+	3	117	ATG	TAA	0	0	
mORF_+_838061	838061	838180	+	2	120	GTG	TAA	0	0	
mORF_+_838081	838081	838155	+	1	75	GTG	TAG	0	0	
mORF_+_838113	838113	838226	+	3	114	TTG	TAA	0	0	
mORF_+_838162	838162	838170	+	1	9	TTG	TGA	0	0	
mORF_+_838189	838189	838302	+	1	114	GTG	TGA	0	0	
mORF_+_838230	838230	838277	+	3	48	ATG	TAA	0	0	
mORF_+_838299	838299	838406	+	3	108	TTG	TAA	0	0	
mORF_+_838303	838303	838470	+	1	168	TTG	TGA	0	0	
mORF_+_838325	838325	838339	+	2	15	GTG	TGA	0	0	

mORF_+_838397	838397	838549	+	2	153	GTG	TGA	0	0	
mORF_+_838419	838419	838523	+	3	105	GTG	TGA	0	0	
mORF_+_838507	838507	838545	+	1	39	TTG	TGA	0	0	
mORF_+_838539	838539	838559	+	3	21	TTG	TAA	0	0	
mORF_+_838546	838546	838611	+	1	66	TTG	TAA	0	0	
mORF_+_838575	838575	838580	+	3	6	TTG	TAA	0	0	
mORF_+_838602	838602	838646	+	3	45	TTG	TAA	0	0	
mORF_+_838691	838691	838762	+	2	72	ATG	TAA	0	0	
mORF_+_838711	838711	838767	+	1	57	GTG	TGA	0	0	
mORF_+_838764	838764	838856	+	3	93	GTG	TAG	0	0	
mORF_+_838772	838772	838798	+	2	27	GTG	TGA	0	0	
mORF_+_838795	838795	838833	+	1	39	ATG	TGA	0	0	
mORF_+_838837	838837	838884	+	1	48	TTG	TGA	0	0	
mORF_+_838844	838844	839512	+	2	669	TTG	TAA	0	0	
mORF_+_838881	838881	838910	+	3	30	GTG	TAG	0	0	
mORF_+_838983	838983	839159	+	3	177	GTG	TAG	0	0	
mORF_+_839172	839172	839192	+	3	21	TTG	TGA	0	0	
mORF_+_839223	839223	839342	+	3	120	TTG	TGA	0	0	
mORF_+_839266	839266	839289	+	1	24	TTG	TGA	0	0	
mORF_+_839385	839385	839411	+	3	27	GTG	TAA	0	0	
mORF_+_839413	839413	839526	+	1	114	TTG	TAA	0	0	
mORF_+_839436	839436	839474	+	3	39	TTG	TGA	0	0	
mORF_+_839475	839475	839492	+	3	18	ATG	TGA	0	0	
mORF_+_839579	839579	839671	+	2	93	ATG	TGA	0	0	
mORF_+_839616	839616	839705	+	3	90	TTG	TGA	0	0	
mORF_+_839668	839668	839709	+	1	42	GTG	TAA	0	0	
mORF_+_839778	839778	839852	+	3	75	TTG	TAA	0	0	
mORF_+_839807	839807	840610	+	2	804	GTG	TGA	1	3	pORF_+_839807
mORF_+_839862	839862	839870	+	3	9	GTG	TAA	0	0	
mORF_+_839923	839923	839988	+	1	66	ATG	TGA	0	0	
mORF_+_839949	839949	839999	+	3	51	ATG	TAA	0	0	
mORF_+_840069	840069	840149	+	3	81	TTG	TGA	0	0	
mORF_+_840150	840150	840275	+	3	126	TTG	TAG	0	0	
mORF_+_840259	840259	840297	+	1	39	GTG	TAA	0	0	
mORF_+_840279	840279	840368	+	3	90	GTG	TAA	0	0	
mORF_+_840402	840402	840500	+	3	99	ATG	TGA	0	0	
mORF_+_840490	840490	840507	+	1	18	TTG	TAA	0	0	
mORF_+_840534	840534	840596	+	3	63	GTG	TAA	0	0	
mORF_+_840586	840586	840642	+	1	57	GTG	TAG	0	0	
mORF_+_840627	840627	840668	+	3	42	GTG	TGA	0	0	
mORF_+_840644	840644	840964	+	2	321	TTG	TGA	0	0	
mORF_+_840661	840661	840681	+	1	21	GTG	TGA	0	0	
mORF_+_840678	840678	840719	+	3	42	GTG	TGA	0	0	
mORF_+_840738	840738	840842	+	3	105	TTG	TGA	0	0	
mORF_+_840817	840817	840834	+	1	18	ATG	TAA	0	0	
mORF_+_840886	840886	840942	+	1	57	TTG	TGA	0	0	
mORF_+_840909	840909	841028	+	3	120	TTG	TAG	0	0	
mORF_+_840961	840961	841074	+	1	114	TTG	TAA	0	0	
mORF_+_841010	841010	841138	+	2	129	TTG	TAG	0	0	
mORF_+_841029	841029	841082	+	3	54	ATG	TAA	0	0	
mORF_+_841141	841141	841227	+	1	87	TTG	TGA	0	0	
mORF_+_841208	841208	841261	+	2	54	TTG	TAG	0	0	
mORF_+_841224	841224	841295	+	3	72	GTG	TAA	0	0	
mORF_+_841261	841261	841266	+	1	6	GTG	TGA	0	0	
mORF_+_841308	841308	841346	+	3	39	GTG	TGA	0	0	
mORF_+_841319	841319	841324	+	2	6	GTG	TAG	0	0	
mORF_+_841337	841337	841381	+	2	45	ATG	TGA	0	0	
mORF_+_841356	841356	841403	+	3	48	TTG	TAA	0	0	
mORF_+_841378	841378	841416	+	1	39	TTG	TGA	0	0	
mORF_+_841413	841413	841460	+	3	48	ATG	TAG	0	0	
mORF_+_841418	841418	841453	+	2	36	ATG	TAA	0	0	
mORF_+_841463	841463	841543	+	2	81	ATG	TAA	0	0	
mORF_+_841474	841474	842481	+	1	1008	TTG	TAA	1	2	pORF_+_841474

mORF_+_841550	841550	841687	+	2	138	ATG	TAG	0	0	
mORF_+_841623	841623	841640	+	3	18	TTG	TGA	0	0	
mORF_+_841691	841691	841711	+	2	21	TTG	TGA	0	0	
mORF_+_841823	841823	841915	+	2	93	TTG	TGA	0	0	
mORF_+_841916	841916	841975	+	2	60	TTG	TAA	0	0	
mORF_+_841979	841979	842179	+	2	201	GTG	TGA	0	0	
mORF_+_842103	842103	842108	+	3	6	GTG	TAA	0	0	
mORF_+_842189	842189	842197	+	2	9	ATG	TGA	0	0	
mORF_+_842201	842201	842263	+	2	63	TTG	TGA	0	0	
mORF_+_842223	842223	842231	+	3	9	GTG	TGA	0	0	
mORF_+_842264	842264	842296	+	2	33	TTG	TGA	0	0	
mORF_+_842298	842298	842327	+	3	30	GTG	TGA	0	0	
mORF_+_842321	842321	842356	+	2	36	GTG	TGA	0	0	
mORF_+_842423	842423	842440	+	2	18	TTG	TGA	0	0	
mORF_+_842462	842462	842632	+	2	171	TTG	TGA	0	0	
mORF_+_842583	842583	842681	+	3	99	ATG	TAA	0	0	
mORF_+_842629	842629	842775	+	1	147	TTG	TGA	0	0	
mORF_+_842633	842633	842647	+	2	15	GTG	TGA	0	0	
mORF_+_842660	842660	842665	+	2	6	GTG	TAA	0	0	
mORF_+_842768	842768	842851	+	2	84	GTG	TAG	0	0	
mORF_+_842776	842776	842814	+	1	39	TTG	TAA	0	0	
mORF_+_842796	842796	843065	+	3	270	ATG	TAA	0	0	
mORF_+_842833	842833	842886	+	1	54	ATG	TGA	0	0	
mORF_+_842941	842941	843000	+	1	60	GTG	TGA	0	0	
mORF_+_843013	843013	843216	+	1	204	GTG	TGA	0	0	
mORF_+_843065	843065	843100	+	2	36	ATG	TGA	0	0	
mORF_+_843213	843213	843893	+	3	681	ATG	TAA	0	0	
mORF_+_843286	843286	843471	+	1	186	ATG	TAG	0	0	
mORF_+_843290	843290	843499	+	2	210	GTG	TGA	0	0	
mORF_+_843496	843496	843645	+	1	150	GTG	TAG	0	0	
mORF_+_843575	843575	843589	+	2	15	TTG	TAA	0	0	
mORF_+_843650	843650	843688	+	2	39	TTG	TAA	0	0	
mORF_+_843724	843724	843840	+	1	117	TTG	TGA	0	0	
mORF_+_843940	843940	844203	+	1	264	GTG	TGA	0	0	
mORF_+_843965	843965	843997	+	2	33	TTG	TGA	0	0	
mORF_+_844035	844035	844082	+	3	48	TTG	TAA	0	0	
mORF_+_844100	844100	844129	+	2	30	ATG	TAA	0	0	
mORF_+_844188	844188	844265	+	3	78	TTG	TAA	0	0	
mORF_+_844210	844210	844251	+	1	42	TTG	TAA	0	0	
mORF_+_844226	844226	844303	+	2	78	GTG	TGA	0	0	
mORF_+_844284	844284	844610	+	3	327	ATG	TGA	1	2	pORF_+_844284
mORF_+_844297	844297	844353	+	1	57	TTG	TAA	0	0	
mORF_+_844310	844310	844318	+	2	9	GTG	TAA	0	0	
mORF_+_844405	844405	844560	+	1	156	GTG	TAG	0	0	
mORF_+_844457	844457	844483	+	2	27	TTG	TAG	0	0	
mORF_+_844550	844550	844633	+	2	84	GTG	TAA	0	0	
mORF_+_844624	844624	844725	+	1	102	GTG	TAG	0	0	
mORF_+_844653	844653	844772	+	3	120	GTG	TGA	0	0	
mORF_+_844661	844661	844687	+	2	27	GTG	TGA	0	0	
mORF_+_844745	844745	844768	+	2	24	ATG	TAA	0	0	
mORF_+_844769	844769	844927	+	2	159	ATG	TAG	0	0	
mORF_+_844783	844783	844803	+	1	21	GTG	TGA	0	0	
mORF_+_844785	844785	844823	+	3	39	GTG	TAA	0	0	
mORF_+_844840	844840	844869	+	1	30	GTG	TGA	0	0	
mORF_+_844866	844866	844967	+	3	102	GTG	TAA	0	0	
mORF_+_844894	844894	844905	+	1	12	ATG	TAA	0	0	
mORF_+_844954	844954	845016	+	1	63	ATG	TGA	0	0	
mORF_+_844973	844973	845380	+	2	408	GTG	TAG	0	0	
mORF_+_845013	845013	845267	+	3	255	TTG	TGA	0	0	
mORF_+_845296	845296	845394	+	1	99	GTG	TGA	0	0	
mORF_+_845358	845358	845429	+	3	72	TTG	TAA	0	0	
mORF_+_845414	845414	845752	+	2	339	ATG	TAG	0	0	
mORF_+_845526	845526	845723	+	3	198	GTG	TAA	0	0	

mORF_+_845647	845647	845676	+	1	30	TTG	TAA	0	0
mORF_+_845809	845809	845925	+	1	117	TTG	TAA	0	0
mORF_+_845858	845858	845935	+	2	78	GTG	TAG	0	0
mORF_+_845913	845913	845930	+	3	18	GTG	TGA	0	0
mORF_+_845939	845939	846121	+	2	183	ATG	TAA	0	0
mORF_+_845952	845952	845999	+	3	48	GTG	TAG	0	0
mORF_+_845992	845992	846090	+	1	99	GTG	TAA	0	0
mORF_+_846075	846075	846098	+	3	24	ATG	TAA	0	0
mORF_+_846147	846147	846170	+	3	24	GTG	TAA	0	0
mORF_+_846149	846149	846391	+	2	243	GTG	TAA	0	0
mORF_+_846184	846184	846372	+	1	189	GTG	TAA	0	0
mORF_+_846213	846213	846368	+	3	156	GTG	TAA	0	0
mORF_+_846391	846391	846891	+	1	501	ATG	TAA	0	0
mORF_+_846408	846408	846425	+	3	18	TTG	TAA	0	0
mORF_+_846470	846470	846475	+	2	6	GTG	TAG	0	0
mORF_+_846509	846509	846514	+	2	6	TTG	TAG	0	0
mORF_+_846521	846521	846526	+	2	6	TTG	TAA	0	0
mORF_+_846560	846560	846649	+	2	90	TTG	TGA	0	0
mORF_+_846665	846665	846736	+	2	72	TTG	TAG	0	0
mORF_+_846684	846684	846773	+	3	90	TTG	TAG	0	0
mORF_+_846746	846746	846760	+	2	15	ATG	TGA	0	0
mORF_+_846776	846776	846796	+	2	21	TTG	TAA	0	0
mORF_+_846783	846783	846875	+	3	93	TTG	TAG	0	0
mORF_+_846869	846869	846907	+	2	39	TTG	TAG	0	0
mORF_+_846947	846947	847036	+	2	90	GTG	TAA	0	0
mORF_+_846988	846988	847149	+	1	162	TTG	TAA	0	0
mORF_+_846993	846993	847004	+	3	12	GTG	TGA	0	0
mORF_+_847058	847058	847168	+	2	111	ATG	TGA	0	0
mORF_+_847165	847165	847206	+	1	42	ATG	TGA	0	0
mORF_+_847194	847194	847229	+	3	36	GTG	TAG	0	0
mORF_+_847266	847266	847340	+	3	75	GTG	TGA	0	0
mORF_+_847292	847292	847354	+	2	63	GTG	TAG	0	0
mORF_+_847324	847324	847404	+	1	81	ATG	TAA	0	0
mORF_+_847370	847370	847426	+	2	57	ATG	TGA	0	0
mORF_+_847407	847407	847439	+	3	33	TTG	TAA	0	0
mORF_+_847423	847423	847434	+	1	12	GTG	TAG	0	0
mORF_+_847446	847446	847520	+	3	75	ATG	TAG	0	0
mORF_+_847463	847463	847468	+	2	6	ATG	TAA	0	0
mORF_+_847472	847472	847540	+	2	69	TTG	TAA	0	0
mORF_+_847474	847474	847479	+	1	6	GTG	TGA	0	0
mORF_+_847524	847524	847763	+	3	240	ATG	TAA	0	0
mORF_+_847528	847528	847536	+	1	9	ATG	TAA	0	0
mORF_+_847541	847541	847549	+	2	9	GTG	TGA	0	0
mORF_+_847546	847546	847644	+	1	99	TTG	TAG	0	0
mORF_+_847625	847625	848110	+	2	486	ATG	TGA	0	0
mORF_+_847756	847756	847842	+	1	87	TTG	TGA	0	0
mORF_+_847797	847797	847817	+	3	21	TTG	TAA	0	0
mORF_+_847833	847833	847850	+	3	18	TTG	TGA	0	0
mORF_+_847851	847851	847910	+	3	60	GTG	TGA	0	0
mORF_+_847918	847918	847959	+	1	42	GTG	TGA	0	0
mORF_+_847923	847923	848090	+	3	168	GTG	TAA	0	0
mORF_+_848050	848050	848115	+	1	66	TTG	TAA	0	0
mORF_+_848097	848097	848168	+	3	72	TTG	TAA	0	0
mORF_+_848149	848149	848172	+	1	24	TTG	TAA	0	0
mORF_+_848196	848196	848282	+	3	87	ATG	TAG	0	0
mORF_+_848198	848198	848263	+	2	66	GTG	TAA	0	0
mORF_+_848288	848288	848353	+	2	66	TTG	TAA	0	0
mORF_+_848340	848340	848387	+	3	48	ATG	TAG	0	0
mORF_+_848371	848371	848376	+	1	6	GTG	TAG	0	0
mORF_+_848401	848401	848430	+	1	30	ATG	TAA	0	0
mORF_+_848417	848417	848440	+	2	24	ATG	TAA	0	0
mORF_+_848440	848440	848655	+	1	216	ATG	TAA	0	0
mORF_+_848492	848492	848506	+	2	15	TTG	TGA	0	0

mORF_+_848534	848534	848632	+	2	99	GTG	TGA	0	0	
mORF_+_848693	848693	848701	+	2	9	ATG	TAA	0	0	
mORF_+_848709	848709	848759	+	3	51	GTG	TAA	0	0	
mORF_+_848717	848717	848839	+	2	123	GTG	TAG	0	0	
mORF_+_848799	848799	848828	+	3	30	ATG	TAA	0	0	
mORF_+_848830	848830	848835	+	1	6	ATG	TAA	0	0	
mORF_+_848861	848861	849007	+	2	147	GTG	TGA	0	0	
mORF_+_848889	848889	848915	+	3	27	ATG	TAG	0	0	
mORF_+_849004	849004	849045	+	1	42	GTG	TGA	0	0	
mORF_+_849111	849111	849173	+	3	63	TTG	TAA	0	0	
mORF_+_849118	849118	849249	+	1	132	TTG	TGA	0	0	
mORF_+_849137	849137	849145	+	2	9	ATG	TAA	0	0	
mORF_+_849173	849173	849193	+	2	21	ATG	TGA	0	0	
mORF_+_849200	849200	849229	+	2	30	GTG	TAG	0	0	
mORF_+_849259	849259	849342	+	1	84	ATG	TAG	0	0	
mORF_+_849281	849281	849352	+	2	72	TTG	TAA	0	0	
mORF_+_849356	849356	849400	+	2	45	GTG	TGA	0	0	
mORF_+_849361	849361	849441	+	1	81	GTG	TGA	0	0	
mORF_+_849438	849438	849461	+	3	24	TTG	TGA	0	0	
mORF_+_849458	849458	849484	+	2	27	GTG	TGA	0	0	
mORF_+_849477	849477	849521	+	3	45	ATG	TGA	0	0	
mORF_+_849481	849481	849534	+	1	54	ATG	TAA	0	0	
mORF_+_849541	849541	849576	+	1	36	ATG	TGA	0	0	
mORF_+_849551	849551	849589	+	2	39	GTG	TAG	0	0	
mORF_+_849555	849555	849620	+	3	66	ATG	TAA	0	0	
mORF_+_849624	849624	849665	+	3	42	TTG	TGA	0	0	
mORF_+_849662	849662	849676	+	2	15	TTG	TGA	0	0	
mORF_+_849667	849667	850188	+	1	522	GTG	TAA	32	379	pORF_+_849667
mORF_+_849683	849683	849739	+	2	57	TTG	TAG	0	0	
mORF_+_849687	849687	849833	+	3	147	ATG	TGA	0	0	
mORF_+_849830	849830	849859	+	2	30	ATG	TGA	0	0	
mORF_+_849905	849905	849988	+	2	84	GTG	TAG	0	0	
mORF_+_849992	849992	850153	+	2	162	GTG	TAG	0	0	
mORF_+_850163	850163	850240	+	2	78	TTG	TAA	0	0	
mORF_+_850194	850194	850205	+	3	12	TTG	TAA	0	0	
mORF_+_850231	850231	850293	+	1	63	TTG	TAA	0	0	
mORF_+_850274	850274	850279	+	2	6	TTG	TAA	0	0	
mORF_+_850301	850301	850492	+	2	192	TTG	TGA	0	0	
mORF_+_850438	850438	850599	+	1	162	ATG	TAA	0	0	
mORF_+_850592	850592	850603	+	2	12	TTG	TGA	0	0	
mORF_+_850613	850613	850648	+	2	36	TTG	TAG	0	0	
mORF_+_850633	850633	850725	+	1	93	TTG	TGA	0	0	
mORF_+_850698	850698	850889	+	3	192	GTG	TAG	0	0	
mORF_+_850735	850735	850740	+	1	6	ATG	TAG	0	0	
mORF_+_850756	850756	850800	+	1	45	TTG	TAA	0	0	
mORF_+_850811	850811	850912	+	2	102	TTG	TGA	0	0	
mORF_+_850909	850909	851016	+	1	108	TTG	TAA	0	0	
mORF_+_850919	850919	850978	+	2	60	TTG	TGA	0	0	
mORF_+_850953	850953	850964	+	3	12	TTG	TGA	0	0	
mORF_+_850983	850983	851009	+	3	27	GTG	TGA	0	0	
mORF_+_850988	850988	851056	+	2	69	TTG	TAG	0	0	
mORF_+_851099	851099	851110	+	2	12	TTG	TGA	0	0	
mORF_+_851107	851107	851472	+	1	366	GTG	TAA	0	0	
mORF_+_851192	851192	851302	+	2	111	GTG	TAG	0	0	
mORF_+_851226	851226	851267	+	3	42	TTG	TGA	0	0	
mORF_+_851364	851364	851378	+	3	15	ATG	TGA	0	0	
mORF_+_851442	851442	851468	+	3	27	TTG	TAA	0	0	
mORF_+_851531	851531	851578	+	2	48	TTG	TAG	0	0	
mORF_+_851539	851539	851664	+	1	126	GTG	TAG	0	0	
mORF_+_851544	851544	851561	+	3	18	ATG	TGA	0	0	
mORF_+_851652	851652	851678	+	3	27	ATG	TAG	0	0	
mORF_+_851693	851693	851698	+	2	6	GTG	TAG	0	0	
mORF_+_851804	851804	851890	+	2	87	TTG	TGA	0	0	

mORF+_851821	851821	851835	+	1	15	ATG	TAA	0	0	
mORF+_851844	851844	851978	+	3	135	ATG	TGA	0	0	
mORF+_851887	851887	851949	+	1	63	GTG	TAG	0	0	
mORF+_851894	851894	852163	+	2	270	GTG	TAA	0	0	
mORF+_851991	851991	852059	+	3	69	TTG	TGA	0	0	
mORF+_852123	852123	852185	+	3	63	TTG	TGA	0	0	
mORF+_852182	852182	852232	+	2	51	ATG	TGA	0	0	
mORF+_852207	852207	852263	+	3	57	TTG	TGA	0	0	
mORF+_852253	852253	852303	+	1	51	TTG	TAG	0	0	
mORF+_852260	852260	852313	+	2	54	ATG	TAA	0	0	
mORF+_852264	852264	852284	+	3	21	TTG	TAG	0	0	
mORF+_852307	852307	852321	+	1	15	TTG	TAA	0	0	
mORF+_852326	852326	852409	+	2	84	TTG	TGA	0	0	
mORF+_852352	852352	852393	+	1	42	ATG	TAA	0	0	
mORF+_852354	852354	852368	+	3	15	GTG	TGA	0	0	
mORF+_852393	852393	852476	+	3	84	ATG	TGA	0	0	
mORF+_852406	852406	852873	+	1	468	ATG	TGA	6	34	pORF+_852406
mORF+_852473	852473	852538	+	2	66	TTG	TGA	0	0	
mORF+_852656	852656	852664	+	2	9	TTG	TGA	0	0	
mORF+_852674	852674	852688	+	2	15	GTG	TAA	0	0	
mORF+_852812	852812	853063	+	2	252	ATG	TGA	0	0	
mORF+_852870	852870	853988	+	3	1119	ATG	TAG	0	0	
mORF+_852928	852928	852945	+	1	18	TTG	TAA	0	0	
mORF+_852961	852961	853014	+	1	54	TTG	TAA	0	0	
mORF+_853039	853039	853050	+	1	12	GTG	TAA	0	0	
mORF+_853060	853060	853158	+	1	99	TTG	TGA	0	0	
mORF+_853165	853165	853194	+	1	30	ATG	TGA	0	0	
mORF+_853214	853214	853219	+	2	6	GTG	TGA	0	0	
mORF+_853216	853216	853239	+	1	24	GTG	TGA	0	0	
mORF+_853246	853246	853281	+	1	36	TTG	TGA	0	0	
mORF+_853288	853288	853380	+	1	93	TTG	TGA	0	0	
mORF+_853400	853400	853690	+	2	291	GTG	TAA	0	0	
mORF+_853552	853552	853656	+	1	105	TTG	TGA	0	0	
mORF+_853718	853718	853756	+	2	39	ATG	TAA	0	0	
mORF+_853786	853786	853821	+	1	36	ATG	TAA	0	0	
mORF+_853811	853811	854002	+	2	192	ATG	TAA	0	0	
mORF+_853828	853828	853866	+	1	39	GTG	TGA	0	0	
mORF+_853867	853867	853968	+	1	102	TTG	TAG	0	0	
mORF+_854015	854015	854050	+	2	36	ATG	TAA	0	0	
mORF+_854028	854028	854036	+	3	9	TTG	TAA	0	0	
mORF+_854040	854040	854084	+	3	45	TTG	TAA	0	0	
mORF+_854157	854157	854198	+	3	42	TTG	TAG	0	0	
mORF+_854192	854192	854224	+	2	33	GTG	TAA	0	0	
mORF+_854209	854209	854580	+	1	372	ATG	TAA	0	0	
mORF+_854243	854243	854347	+	2	105	GTG	TGA	0	0	
mORF+_854372	854372	854413	+	2	42	TTG	TAG	0	0	
mORF+_854415	854415	854561	+	3	147	GTG	TGA	0	0	
mORF+_854501	854501	854584	+	2	84	TTG	TGA	0	0	
mORF+_854588	854588	854632	+	2	45	ATG	TAG	0	0	
mORF+_854660	854660	854677	+	2	18	ATG	TGA	0	0	
mORF+_854674	854674	854946	+	1	273	ATG	TAA	0	0	
mORF+_854708	854708	854818	+	2	111	ATG	TGA	0	0	
mORF+_854819	854819	854848	+	2	30	GTG	TGA	0	0	
mORF+_854877	854877	854972	+	3	96	TTG	TAA	0	0	
mORF+_854966	854966	855112	+	2	147	ATG	TAA	0	0	
mORF+_854983	854983	855006	+	1	24	GTG	TGA	0	0	
mORF+_855003	855003	855149	+	3	147	TTG	TAA	0	0	
mORF+_855064	855064	855099	+	1	36	ATG	TGA	0	0	
mORF+_855100	855100	855105	+	1	6	GTG	TAG	0	0	
mORF+_855149	855149	855202	+	2	54	ATG	TAA	0	0	
mORF+_855186	855186	856778	+	3	1593	GTG	TAA	27	84	pORF+_855186
mORF+_855235	855235	855282	+	1	48	TTG	TGA	0	0	
mORF+_855283	855283	855318	+	1	36	TTG	TGA	0	0	

mORF_+_855337	855337	855441	+	1	105	TTG	TGA	0	0	
mORF_+_855461	855461	855514	+	2	54	GTG	TGA	0	0	
mORF_+_855493	855493	855510	+	1	18	ATG	TGA	0	0	
mORF_+_855511	855511	855645	+	1	135	GTG	TGA	0	0	
mORF_+_855646	855646	855780	+	1	135	GTG	TGA	0	0	
mORF_+_855787	855787	855801	+	1	15	GTG	TGA	0	0	
mORF_+_855898	855898	855909	+	1	12	ATG	TGA	0	0	
mORF_+_855928	855928	856077	+	1	150	GTG	TGA	1	7	pORF_+_855928
mORF_+_856111	856111	856161	+	1	51	TTG	TGA	0	0	
mORF_+_856171	856171	856272	+	1	102	TTG	TGA	0	0	
mORF_+_856316	856316	856324	+	2	9	ATG	TGA	0	0	
mORF_+_856336	856336	856383	+	1	48	TTG	TGA	0	0	
mORF_+_856394	856394	856426	+	2	33	ATG	TGA	0	0	
mORF_+_856423	856423	856542	+	1	120	ATG	TAA	0	0	
mORF_+_856606	856606	856617	+	1	12	TTG	TGA	0	0	
mORF_+_856654	856654	856680	+	1	27	TTG	TAA	0	0	
mORF_+_856779	856779	856844	+	3	66	GTG	TGA	0	0	
mORF_+_856822	856822	856839	+	1	18	ATG	TAG	0	0	
mORF_+_856829	856829	856888	+	2	60	ATG	TGA	0	0	
mORF_+_856885	856885	856923	+	1	39	TTG	TAA	0	0	
mORF_+_856901	856901	856906	+	2	6	TTG	TAG	0	0	
mORF_+_856952	856952	856966	+	2	15	TTG	TGA	0	0	
mORF_+_857029	857029	857052	+	1	24	ATG	TGA	0	0	
mORF_+_857049	857049	857312	+	3	264	GTG	TAA	0	0	
mORF_+_857053	857053	857100	+	1	48	ATG	TAG	0	0	
mORF_+_857090	857090	857257	+	2	168	TTG	TGA	0	0	
mORF_+_857155	857155	857166	+	1	12	TTG	TAG	0	0	
mORF_+_857200	857200	857229	+	1	30	ATG	TGA	0	0	
mORF_+_857254	857254	857469	+	1	216	ATG	TGA	0	0	
mORF_+_857297	857297	857434	+	2	138	TTG	TAG	0	0	
mORF_+_857331	857331	857345	+	3	15	ATG	TGA	0	0	
mORF_+_857454	857454	857888	+	3	435	GTG	TGA	0	0	
mORF_+_857507	857507	857611	+	2	105	ATG	TAA	0	0	
mORF_+_857527	857527	857634	+	1	108	TTG	TGA	0	0	
mORF_+_857660	857660	857740	+	2	81	GTG	TGA	0	0	
mORF_+_857692	857692	857736	+	1	45	TTG	TAG	0	0	
mORF_+_857737	857737	857865	+	1	129	ATG	TAG	0	0	
mORF_+_857783	857783	857800	+	2	18	ATG	TGA	0	0	
mORF_+_857866	857866	857874	+	1	9	ATG	TAA	0	0	
mORF_+_857885	857885	857896	+	2	12	GTG	TGA	0	0	
mORF_+_857926	857926	857931	+	1	6	TTG	TAG	0	0	
mORF_+_857947	857947	857961	+	1	15	TTG	TAG	0	0	
mORF_+_857991	857991	858170	+	3	180	TTG	TAG	0	0	
mORF_+_858076	858076	858090	+	1	15	TTG	TAA	0	0	
mORF_+_858119	858119	858127	+	2	9	GTG	TGA	0	0	
mORF_+_858124	858124	858174	+	1	51	TTG	TGA	0	0	
mORF_+_858128	858128	858136	+	2	9	GTG	TGA	0	0	
mORF_+_858216	858216	858341	+	3	126	GTG	TAA	0	0	
mORF_+_858241	858241	858246	+	1	6	TTG	TGA	0	0	
mORF_+_858257	858257	858271	+	2	15	ATG	TAA	0	0	
mORF_+_858259	858259	858300	+	1	42	GTG	TAA	0	0	
mORF_+_858328	858328	858333	+	1	6	ATG	TGA	0	0	
mORF_+_858357	858357	858368	+	3	12	ATG	TAA	0	0	
mORF_+_858368	858368	858376	+	2	9	ATG	TGA	0	0	
mORF_+_858373	858373	858381	+	1	9	TTG	TGA	0	0	
mORF_+_858378	858378	858395	+	3	18	GTG	TAA	0	0	
mORF_+_858453	858453	858515	+	3	63	ATG	TAG	0	0	
mORF_+_858455	858455	858475	+	2	21	GTG	TGA	0	0	
mORF_+_858496	858496	858636	+	1	141	ATG	TGA	0	0	
mORF_+_858536	858536	858571	+	2	36	ATG	TAA	0	0	
mORF_+_858633	858633	858695	+	3	63	GTG	TAA	0	0	
mORF_+_858679	858679	858684	+	1	6	ATG	TAG	0	0	
mORF_+_858737	858737	858835	+	2	99	ATG	TGA	0	0	

mORF+_858754	858754	858774	+	1	21	GTG	TAA	0	0	
mORF+_858781	858781	858963	+	1	183	TTG	TAG	0	0	
mORF+_858870	858870	858911	+	3	42	TTG	TGA	0	0	
mORF+_858915	858915	858947	+	3	33	ATG	TGA	0	0	
mORF+_858944	858944	859036	+	2	93	TTG	TAA	0	0	
mORF+_858991	858991	859080	+	1	90	ATG	TAG	0	0	
mORF+_859041	859041	859100	+	3	60	GTG	TAA	0	0	
mORF+_859139	859139	859162	+	2	24	ATG	TGA	0	0	
mORF+_859165	859165	859284	+	1	120	TTG	TAA	0	0	
mORF+_859179	859179	859208	+	3	30	GTG	TAA	0	0	
mORF+_859187	859187	859276	+	2	90	TTG	TGA	0	0	
mORF+_859254	859254	859292	+	3	39	GTG	TAA	0	0	
mORF+_859298	859298	859303	+	2	6	ATG	TGA	0	0	
mORF+_859300	859300	859425	+	1	126	GTG	TGA	0	0	
mORF+_859328	859328	859357	+	2	30	ATG	TGA	0	0	
mORF+_859358	859358	859366	+	2	9	ATG	TAG	0	0	
mORF+_859406	859406	859708	+	2	303	ATG	TGA	1	2	pORF+_859406
mORF+_859422	859422	859436	+	3	15	ATG	TGA	0	0	
mORF+_859455	859455	859472	+	3	18	GTG	TAG	0	0	
mORF+_859548	859548	859559	+	3	12	ATG	TGA	0	0	
mORF+_859617	859617	859859	+	3	243	TTG	TAA	0	0	
mORF+_859639	859639	859662	+	1	24	TTG	TGA	0	0	
mORF+_859733	859733	859843	+	2	111	ATG	TGA	0	0	
mORF+_859756	859756	859809	+	1	54	TTG	TAG	0	0	
mORF+_859840	859840	859995	+	1	156	TTG	TAA	0	0	
mORF+_859863	859863	859889	+	3	27	TTG	TAG	0	0	
mORF+_859898	859898	860287	+	2	390	ATG	TGA	0	0	
mORF+_859971	859971	860006	+	3	36	TTG	TGA	0	0	
mORF+_860047	860047	860184	+	1	138	GTG	TGA	0	0	
mORF+_860118	860118	860300	+	3	183	TTG	TAG	0	0	
mORF+_860284	860284	860349	+	1	66	TTG	TGA	0	0	
mORF+_860309	860309	860827	+	2	519	TTG	TGA	0	0	
mORF+_860343	860343	860477	+	3	135	TTG	TAG	0	0	
mORF+_860377	860377	860451	+	1	75	GTG	TGA	0	0	
mORF+_860484	860484	860525	+	3	42	TTG	TAG	0	0	
mORF+_860586	860586	860669	+	3	84	TTG	TAA	0	0	
mORF+_860691	860691	860729	+	3	39	GTG	TAA	0	0	
mORF+_860734	860734	860787	+	1	54	GTG	TAG	0	0	
mORF+_860787	860787	860798	+	3	12	GTG	TGA	0	0	
mORF+_860824	860824	860922	+	1	99	TTG	TGA	0	0	
mORF+_860828	860828	860833	+	2	6	GTG	TGA	0	0	
mORF+_860847	860847	860942	+	3	96	TTG	TAG	0	0	
mORF+_860879	860879	860983	+	2	105	ATG	TGA	0	0	
mORF+_860984	860984	861232	+	2	249	GTG	TAA	0	0	
mORF+_861018	861018	861026	+	3	9	ATG	TAA	0	0	
mORF+_861171	861171	861422	+	3	252	ATG	TAG	0	0	
mORF+_861335	861335	861934	+	2	600	GTG	TAG	0	0	
mORF+_861480	861480	861656	+	3	177	TTG	TGA	0	0	
mORF+_861595	861595	861612	+	1	18	TTG	TGA	0	0	
mORF+_861664	861664	861792	+	1	129	GTG	TAA	0	0	
mORF+_861780	861780	861944	+	3	165	TTG	TAA	0	0	
mORF+_861820	861820	861846	+	1	27	GTG	TAA	0	0	
mORF+_861949	861949	862191	+	1	243	GTG	TAA	0	0	
mORF+_861956	861956	861979	+	2	24	TTG	TAG	0	0	
mORF+_862031	862031	862069	+	2	39	ATG	TGA	0	0	
mORF+_862088	862088	862216	+	2	129	ATG	TAG	0	0	
mORF+_862249	862249	862305	+	1	57	ATG	TAG	0	0	
mORF+_862277	862277	862378	+	2	102	ATG	TAA	0	0	
mORF+_862406	862406	862510	+	2	105	ATG	TGA	0	0	
mORF+_862446	862446	862514	+	3	69	ATG	TAA	0	0	
mORF+_862483	862483	862497	+	1	15	ATG	TAA	0	0	
mORF+_862507	862507	862764	+	1	258	ATG	TAA	0	0	
mORF+_862590	862590	862670	+	3	81	GTG	TAA	0	0	

mORF_+_862613	862613	862639	+	2	27	GTG	TGA	0	0	
mORF_+_862682	862682	862714	+	2	33	GTG	TAG	0	0	
mORF_+_862724	862724	862786	+	2	63	TTG	TAG	0	0	
mORF_+_862737	862737	862856	+	3	120	TTG	TGA	0	0	
mORF_+_862793	862793	863527	+	2	735	GTG	TAA	9	25	pORF_+_862793
mORF_+_862893	862893	862904	+	3	12	TTG	TGA	0	0	
mORF_+_862935	862935	862940	+	3	6	GTG	TGA	0	0	
mORF_+_862983	862983	863045	+	3	63	ATG	TAA	0	0	
mORF_+_863073	863073	863117	+	3	45	ATG	TGA	0	0	
mORF_+_863199	863199	863303	+	3	105	ATG	TGA	0	0	
mORF_+_863331	863331	863447	+	3	117	ATG	TGA	0	0	
mORF_+_863404	863404	863409	+	1	6	ATG	TGA	0	0	
mORF_+_863463	863463	863558	+	3	96	TTG	TGA	0	0	
mORF_+_863552	863552	863800	+	2	249	TTG	TAA	0	0	
mORF_+_863563	863563	863682	+	1	120	GTG	TGA	0	0	
mORF_+_863571	863571	863660	+	3	90	GTG	TGA	0	0	
mORF_+_863679	863679	863711	+	3	33	ATG	TAA	0	0	
mORF_+_863724	863724	863837	+	3	114	TTG	TAG	0	0	
mORF_+_863737	863737	863826	+	1	90	TTG	TAA	0	0	
mORF_+_863868	863868	863876	+	3	9	GTG	TGA	0	0	
mORF_+_863873	863873	864484	+	2	612	TTG	TGA	0	0	
mORF_+_863890	863890	864036	+	1	147	TTG	TGA	0	0	
mORF_+_864033	864033	864320	+	3	288	TTG	TAG	0	0	
mORF_+_864055	864055	864063	+	1	9	GTG	TGA	0	0	
mORF_+_864127	864127	864306	+	1	180	GTG	TGA	0	0	
mORF_+_864472	864472	864477	+	1	6	ATG	TGA	0	0	
mORF_+_864474	864474	864722	+	3	249	GTG	TGA	0	0	
mORF_+_864484	864484	864633	+	1	150	ATG	TAG	0	0	
mORF_+_864491	864491	864661	+	2	171	GTG	TGA	0	0	
mORF_+_864658	864658	864681	+	1	24	TTG	TGA	0	0	
mORF_+_864689	864689	864811	+	2	123	TTG	TAA	0	0	
mORF_+_864879	864879	864914	+	3	36	ATG	TAA	0	0	
mORF_+_864895	864895	864921	+	1	27	ATG	TAA	0	0	
mORF_+_864958	864958	865092	+	1	135	GTG	TGA	0	0	
mORF_+_864974	864974	864985	+	2	12	TTG	TAG	0	0	
mORF_+_865089	865089	865118	+	3	30	GTG	TAG	0	0	
mORF_+_865186	865186	865395	+	1	210	TTG	TAA	1	3	pORF_+_865186
mORF_+_865223	865223	865339	+	2	117	TTG	TGA	0	0	
mORF_+_865332	865332	865526	+	3	195	ATG	TGA	0	0	
mORF_+_865523	865523	865669	+	2	147	GTG	TAG	0	0	
mORF_+_865618	865618	865722	+	1	105	TTG	TGA	0	0	
mORF_+_865689	865689	865730	+	3	42	ATG	TAA	0	0	
mORF_+_865723	865723	865737	+	1	15	ATG	TAA	0	0	
mORF_+_865761	865761	865778	+	3	18	GTG	TAA	0	0	
mORF_+_865778	865778	865837	+	2	60	ATG	TAG	0	0	
mORF_+_865791	865791	866756	+	3	966	ATG	TGA	16	55	pORF_+_865791
mORF_+_865807	865807	865851	+	1	45	TTG	TGA	0	0	
mORF_+_865894	865894	865950	+	1	57	TTG	TGA	0	0	
mORF_+_865976	865976	865990	+	2	15	GTG	TAA	0	0	
mORF_+_865999	865999	866049	+	1	51	TTG	TGA	0	0	
mORF_+_866053	866053	866067	+	1	15	ATG	TGA	0	0	
mORF_+_866074	866074	866130	+	1	57	GTG	TGA	0	0	
mORF_+_866146	866146	866151	+	1	6	ATG	TGA	0	0	
mORF_+_866158	866158	866352	+	1	195	TTG	TAG	0	0	
mORF_+_866413	866413	866430	+	1	18	TTG	TAG	0	0	
mORF_+_866434	866434	866535	+	1	102	GTG	TAA	0	0	
mORF_+_866441	866441	866455	+	2	15	ATG	TAA	0	0	
mORF_+_866474	866474	866521	+	2	48	TTG	TGA	0	0	
mORF_+_866602	866602	866622	+	1	21	TTG	TAA	0	0	
mORF_+_866635	866635	868614	+	1	1980	ATG	TAA	10	27	pORF_+_866635
mORF_+_866753	866753	866797	+	2	45	GTG	TGA	0	0	
mORF_+_866801	866801	866830	+	2	30	TTG	TAG	0	0	
mORF_+_866867	866867	866914	+	2	48	GTG	TGA	0	0	

mORF_+_866964	866964	866972	+	3	9	GTG	TAA	0	0	
mORF_+_867005	867005	867067	+	2	63	TTG	TGA	0	0	
mORF_+_867113	867113	867274	+	2	162	GTG	TGA	0	0	
mORF_+_867278	867278	867313	+	2	36	TTG	TGA	0	0	
mORF_+_867294	867294	867323	+	3	30	ATG	TGA	0	0	
mORF_+_867314	867314	867373	+	2	60	TTG	TAA	0	0	
mORF_+_867446	867446	867466	+	2	21	TTG	TGA	0	0	
mORF_+_867515	867515	867550	+	2	36	ATG	TAG	0	0	
mORF_+_867566	867566	867577	+	2	12	TTG	TGA	0	0	
mORF_+_867617	867617	867733	+	2	117	TTG	TGA	0	0	
mORF_+_867755	867755	868183	+	2	429	ATG	TGA	0	0	
mORF_+_868074	868074	868106	+	3	33	GTG	TGA	0	0	
mORF_+_868199	868199	868324	+	2	126	TTG	TAG	0	0	
mORF_+_868340	868340	868351	+	2	12	GTG	TGA	0	0	
mORF_+_868367	868367	870172	+	2	1806	TTG	TAA	34	192	pORF_+_868367
mORF_+_868551	868551	868610	+	3	60	ATG	TAG	0	0	
mORF_+_868656	868656	868664	+	3	9	GTG	TAG	0	0	
mORF_+_868677	868677	868691	+	3	15	TTG	TGA	0	0	
mORF_+_868699	868699	868767	+	1	69	TTG	TGA	0	0	
mORF_+_868701	868701	868736	+	3	36	GTG	TAG	0	0	
mORF_+_868764	868764	868796	+	3	33	ATG	TAG	0	0	
mORF_+_868881	868881	868904	+	3	24	ATG	TGA	0	0	
mORF_+_868932	868932	868961	+	3	30	ATG	TGA	0	0	
mORF_+_869028	869028	869063	+	3	36	TTG	TAA	0	0	
mORF_+_869106	869106	869129	+	3	24	TTG	TGA	0	0	
mORF_+_869154	869154	869231	+	3	78	ATG	TGA	0	0	
mORF_+_869340	869340	869414	+	3	75	GTG	TGA	0	0	
mORF_+_869490	869490	869501	+	3	12	GTG	TGA	0	0	
mORF_+_869535	869535	869630	+	3	96	TTG	TGA	0	0	
mORF_+_869611	869611	869700	+	1	90	GTG	TAA	0	0	
mORF_+_869784	869784	869990	+	3	207	ATG	TGA	0	0	
mORF_+_869997	869997	870080	+	3	84	ATG	TAG	0	0	
mORF_+_870061	870061	870105	+	1	45	GTG	TAA	0	0	
mORF_+_870121	870121	870153	+	1	33	TTG	TGA	0	0	
mORF_+_870150	870150	870197	+	3	48	TTG	TAA	0	0	
mORF_+_870185	870185	870226	+	2	42	GTG	TGA	0	0	
mORF_+_870190	870190	871110	+	1	921	ATG	TAA	1	2	pORF_+_870190
mORF_+_870266	870266	870301	+	2	36	TTG	TGA	0	0	
mORF_+_870302	870302	870334	+	2	33	TTG	TAG	0	0	
mORF_+_870401	870401	870493	+	2	93	ATG	TGA	0	0	
mORF_+_870486	870486	870563	+	3	78	GTG	TAA	0	0	
mORF_+_870524	870524	870583	+	2	60	TTG	TGA	0	0	
mORF_+_870567	870567	870662	+	3	96	TTG	TGA	0	0	
mORF_+_870593	870593	870643	+	2	51	TTG	TAA	0	0	
mORF_+_870659	870659	870724	+	2	66	TTG	TGA	0	0	
mORF_+_870696	870696	870866	+	3	171	TTG	TAA	0	0	
mORF_+_870776	870776	870790	+	2	15	TTG	TAA	0	0	
mORF_+_870842	870842	870874	+	2	33	TTG	TGA	0	0	
mORF_+_870905	870905	870988	+	2	84	TTG	TAG	0	0	
mORF_+_870995	870995	871009	+	2	15	GTG	TGA	0	0	
mORF_+_871067	871067	871126	+	2	60	ATG	TAA	0	0	
mORF_+_871113	871113	872024	+	3	912	ATG	TAG	1	2	pORF_+_871113
mORF_+_871190	871190	871198	+	2	9	GTG	TGA	0	0	
mORF_+_871195	871195	871236	+	1	42	ATG	TGA	0	0	
mORF_+_871264	871264	871335	+	1	72	TTG	TGA	0	0	
mORF_+_871363	871363	871521	+	1	159	TTG	TGA	0	0	
mORF_+_871508	871508	871609	+	2	102	GTG	TAA	0	0	
mORF_+_871537	871537	871614	+	1	78	ATG	TGA	0	0	
mORF_+_871618	871618	871683	+	1	66	TTG	TGA	0	0	
mORF_+_871699	871699	871734	+	1	36	TTG	TGA	0	0	
mORF_+_871801	871801	871956	+	1	156	TTG	TGA	0	0	
mORF_+_871871	871871	871891	+	2	21	GTG	TGA	0	0	
mORF_+_871984	871984	872034	+	1	51	ATG	TGA	0	0	

mORF_+_872031	872031	872045	+	3	15	TTG	TGA	0	0	
mORF_+_872038	872038	872112	+	1	75	TTG	TAG	0	0	
mORF_+_872042	872042	872053	+	2	12	TTG	TAA	0	0	
mORF_+_872072	872072	872080	+	2	9	TTG	TAA	0	0	
mORF_+_872085	872085	872093	+	3	9	GTG	TAA	0	0	
mORF_+_872124	872124	874550	+	3	2427	TTG	TAG	5	12	pORF_+_872124
mORF_+_872155	872155	872208	+	1	54	TTG	TGA	0	0	
mORF_+_872192	872192	872200	+	2	9	ATG	TAA	0	0	
mORF_+_872272	872272	872322	+	1	51	TTG	TAA	0	0	
mORF_+_872326	872326	872400	+	1	75	GTG	TGA	0	0	
mORF_+_872506	872506	872580	+	1	75	TTG	TAA	0	0	
mORF_+_872581	872581	872769	+	1	189	ATG	TAG	0	0	
mORF_+_872645	872645	872665	+	2	21	GTG	TGA	0	0	
mORF_+_872696	872696	872704	+	2	9	TTG	TGA	0	0	
mORF_+_872720	872720	872779	+	2	60	ATG	TAA	0	0	
mORF_+_872785	872785	872796	+	1	12	ATG	TAA	0	0	
mORF_+_872821	872821	872859	+	1	39	TTG	TGA	0	0	
mORF_+_872869	872869	872910	+	1	42	ATG	TGA	0	0	
mORF_+_872944	872944	873042	+	1	99	TTG	TGA	0	0	
mORF_+_873073	873073	873111	+	1	39	TTG	TAA	0	0	
mORF_+_873121	873121	873150	+	1	30	GTG	TGA	0	0	
mORF_+_873217	873217	873270	+	1	54	GTG	TGA	0	0	
mORF_+_873274	873274	873312	+	1	39	ATG	TGA	0	0	
mORF_+_873331	873331	873516	+	1	186	GTG	TGA	0	0	
mORF_+_873404	873404	873442	+	2	39	GTG	TGA	0	0	
mORF_+_873470	873470	873577	+	2	108	GTG	TAA	0	0	
mORF_+_873523	873523	873582	+	1	60	ATG	TAG	0	0	
mORF_+_873598	873598	873696	+	1	99	TTG	TGA	0	0	
mORF_+_873647	873647	873652	+	2	6	TTG	TGA	0	0	
mORF_+_873718	873718	873774	+	1	57	GTG	TAG	0	0	
mORF_+_873790	873790	873936	+	1	147	TTG	TGA	0	0	
mORF_+_873893	873893	873955	+	2	63	GTG	TGA	0	0	
mORF_+_873949	873949	874044	+	1	96	TTG	TGA	0	0	
mORF_+_874048	874048	874089	+	1	42	ATG	TAA	0	0	
mORF_+_874105	874105	874128	+	1	24	ATG	TGA	0	0	
mORF_+_874135	874135	874143	+	1	9	ATG	TGA	0	0	
mORF_+_874159	874159	874182	+	1	24	GTG	TGA	0	0	
mORF_+_874195	874195	874284	+	1	90	ATG	TGA	0	0	
mORF_+_874294	874294	874317	+	1	24	ATG	TAA	0	0	
mORF_+_874366	874366	874413	+	1	48	TTG	TGA	0	0	
mORF_+_874414	874414	874428	+	1	15	TTG	TAG	0	0	
mORF_+_874441	874441	874455	+	1	15	TTG	TAA	0	0	
mORF_+_874466	874466	874525	+	2	60	ATG	TAA	0	0	
mORF_+_874468	874468	874539	+	1	72	GTG	TAG	0	0	
mORF_+_874558	874558	875886	+	1	1329	ATG	TAA	11	32	pORF_+_874558
mORF_+_874622	874622	874651	+	2	30	TTG	TAA	0	0	
mORF_+_874685	874685	874759	+	2	75	TTG	TAA	0	0	
mORF_+_874784	874784	874852	+	2	69	TTG	TGA	0	0	
mORF_+_874859	874859	874879	+	2	21	GTG	TAA	0	0	
mORF_+_874866	874866	874964	+	3	99	ATG	TGA	0	0	
mORF_+_874901	874901	874924	+	2	24	GTG	TGA	0	0	
mORF_+_874934	874934	874999	+	2	66	ATG	TAA	0	0	
mORF_+_875027	875027	875086	+	2	60	TTG	TGA	0	0	
mORF_+_875123	875123	875251	+	2	129	GTG	TGA	0	0	
mORF_+_875241	875241	875324	+	3	84	TTG	TAA	0	0	
mORF_+_875261	875261	875281	+	2	21	TTG	TGA	0	0	
mORF_+_875288	875288	875320	+	2	33	GTG	TGA	0	0	
mORF_+_875327	875327	875458	+	2	132	GTG	TGA	0	0	
mORF_+_875483	875483	875497	+	2	15	TTG	TAA	0	0	
mORF_+_875526	875526	875537	+	3	12	GTG	TGA	0	0	
mORF_+_875534	875534	875599	+	2	66	TTG	TGA	0	0	
mORF_+_875666	875666	875683	+	2	18	GTG	TGA	0	0	
mORF_+_875693	875693	875725	+	2	33	GTG	TAA	0	0	

mORF_+_875777	875777	875782	+	2	6	GTG	TAG	0	0
mORF_+_875792	875792	875818	+	2	27	ATG	TGA	0	0
mORF_+_875796	875796	875834	+	3	39	ATG	TGA	0	0
mORF_+_875831	875831	875932	+	2	102	ATG	TAA	0	0
mORF_+_875969	875969	876304	+	2	336	GTG	TAG	0	0
mORF_+_876009	876009	876029	+	3	21	TTG	TAA	0	0
mORF_+_876049	876049	876102	+	1	54	GTG	TAA	0	0
mORF_+_876060	876060	876539	+	3	480	ATG	TAA	0	0
mORF_+_876352	876352	876396	+	1	45	TTG	TGA	0	0
mORF_+_876407	876407	876583	+	2	177	TTG	TAA	0	0
mORF_+_876511	876511	876519	+	1	9	GTG	TGA	0	0
mORF_+_876559	876559	876600	+	1	42	GTG	TGA	0	0
mORF_+_876603	876603	876665	+	3	63	ATG	TAG	0	0
mORF_+_876629	876629	876736	+	2	108	GTG	TAA	0	0
mORF_+_876786	876786	876806	+	3	21	ATG	TGA	0	0
mORF_+_876803	876803	877072	+	2	270	GTG	TGA	0	0
mORF_+_876886	876886	876960	+	1	75	ATG	TGA	0	0
mORF_+_876891	876891	876914	+	3	24	TTG	TAG	0	0
mORF_+_876957	876957	876995	+	3	39	GTG	TGA	0	0
mORF_+_877003	877003	877029	+	1	27	TTG	TAA	0	0
mORF_+_877032	877032	877136	+	3	105	TTG	TAG	0	0
mORF_+_877069	877069	877095	+	1	27	GTG	TAA	0	0
mORF_+_877076	877076	877189	+	2	114	TTG	TGA	0	0
mORF_+_877161	877161	877265	+	3	105	GTG	TAA	0	0
mORF_+_877324	877324	877377	+	1	54	TTG	TAA	0	0
mORF_+_877362	877362	877367	+	3	6	ATG	TAA	0	0
mORF_+_877371	877371	877424	+	3	54	TTG	TAG	0	0
mORF_+_877384	877384	877395	+	1	12	GTG	TGA	0	0
mORF_+_877438	877438	877854	+	1	417	TTG	TGA	0	0
mORF_+_877478	877478	877504	+	2	27	TTG	TGA	0	0
mORF_+_877526	877526	877552	+	2	27	TTG	TGA	0	0
mORF_+_877674	877674	877697	+	3	24	GTG	TGA	0	0
mORF_+_877679	877679	877708	+	2	30	GTG	TAG	0	0
mORF_+_877722	877722	877745	+	3	24	ATG	TGA	0	0
mORF_+_877733	877733	877795	+	2	63	GTG	TGA	0	0
mORF_+_877746	877746	877778	+	3	33	TTG	TAA	0	0
mORF_+_877788	877788	877844	+	3	57	TTG	TGA	0	0
mORF_+_877841	877841	877861	+	2	21	TTG	TAA	0	0
mORF_+_877886	877886	877903	+	2	18	ATG	TAA	0	0
mORF_+_877906	877906	877941	+	1	36	ATG	TAA	0	0
mORF_+_877965	877965	879080	+	3	1116	ATG	TAG	0	0
mORF_+_877987	877987	878040	+	1	54	TTG	TAA	0	0
mORF_+_878000	878000	878101	+	2	102	TTG	TAA	0	0
mORF_+_878041	878041	878115	+	1	75	ATG	TAA	0	0
mORF_+_878195	878195	878242	+	2	48	TTG	TGA	0	0
mORF_+_878245	878245	878271	+	1	27	TTG	TAA	0	0
mORF_+_878284	878284	878331	+	1	48	TTG	TAA	0	0
mORF_+_878332	878332	878352	+	1	21	GTG	TGA	0	0
mORF_+_878407	878407	878523	+	1	117	TTG	TGA	0	0
mORF_+_878545	878545	878562	+	1	18	ATG	TAA	0	0
mORF_+_878572	878572	878628	+	1	57	GTG	TGA	0	0
mORF_+_878633	878633	878641	+	2	9	GTG	TAA	0	0
mORF_+_878641	878641	878655	+	1	15	ATG	TGA	0	0
mORF_+_878648	878648	878659	+	2	12	GTG	TGA	0	0
mORF_+_878656	878656	878835	+	1	180	ATG	TGA	0	0
mORF_+_878873	878873	878911	+	2	39	GTG	TAA	0	0
mORF_+_878893	878893	878904	+	1	12	TTG	TGA	0	0
mORF_+_878914	878914	878925	+	1	12	ATG	TGA	0	0
mORF_+_878956	878956	878970	+	1	15	ATG	TAA	0	0
mORF_+_878992	878992	879084	+	1	93	GTG	TAA	0	0
mORF_+_879102	879102	879134	+	3	33	TTG	TGA	0	0
mORF_+_879128	879128	879355	+	2	228	TTG	TAA	0	0
mORF_+_879151	879151	879183	+	1	33	TTG	TAA	0	0

mORF_+_879189	879189	879194	+	3	6	TTG	TAG	0	0	
mORF_+_879195	879195	879326	+	3	132	ATG	TGA	0	0	
mORF_+_879202	879202	879210	+	1	9	GTG	TAG	0	0	
mORF_+_879256	879256	879351	+	1	96	TTG	TGA	0	0	
mORF_+_879374	879374	879442	+	2	69	ATG	TGA	0	0	
mORF_+_879397	879397	879516	+	1	120	TTG	TGA	0	0	
mORF_+_879461	879461	879502	+	2	42	TTG	TGA	0	0	
mORF_+_879492	879492	879587	+	3	96	ATG	TGA	0	0	
mORF_+_879584	879584	879631	+	2	48	GTG	TAG	0	0	
mORF_+_879673	879673	879699	+	1	27	TTG	TAA	0	0	
mORF_+_879750	879750	879761	+	3	12	ATG	TAA	0	0	
mORF_+_879793	879793	879831	+	1	39	ATG	TAA	0	0	
mORF_+_879824	879824	879838	+	2	15	TTG	TAA	0	0	
mORF_+_879869	879869	879886	+	2	18	TTG	TAA	0	0	
mORF_+_879871	879871	880047	+	1	177	GTG	TGA	0	0	
mORF_+_879873	879873	879914	+	3	42	GTG	TAA	0	0	
mORF_+_879929	879929	881152	+	2	1224	ATG	TAA	44	319	pORF_+_879929
mORF_+_879975	879975	880082	+	3	108	GTG	TAA	0	0	
mORF_+_880072	880072	880101	+	1	30	ATG	TAA	0	0	
mORF_+_880119	880119	880151	+	3	33	ATG	TGA	0	0	
mORF_+_880170	880170	880223	+	3	54	ATG	TGA	0	0	
mORF_+_880236	880236	880280	+	3	45	ATG	TAA	0	0	
mORF_+_880329	880329	880334	+	3	6	GTG	TGA	0	0	
mORF_+_880350	880350	880412	+	3	63	ATG	TGA	0	0	
mORF_+_880416	880416	880442	+	3	27	ATG	TGA	0	0	
mORF_+_880476	880476	880532	+	3	57	ATG	TGA	0	0	
mORF_+_880539	880539	880637	+	3	99	ATG	TGA	0	0	
mORF_+_880621	880621	880644	+	1	24	GTG	TGA	0	0	
mORF_+_880638	880638	880652	+	3	15	ATG	TGA	0	0	
mORF_+_880689	880689	880721	+	3	33	TTG	TAA	0	0	
mORF_+_880764	880764	880784	+	3	21	ATG	TGA	0	0	
mORF_+_880803	880803	880814	+	3	12	TTG	TGA	0	0	
mORF_+_880830	880830	880844	+	3	15	ATG	TGA	0	0	
mORF_+_880860	880860	880880	+	3	21	TTG	TGA	0	0	
mORF_+_880893	880893	880910	+	3	18	GTG	TGA	0	0	
mORF_+_880920	880920	880931	+	3	12	GTG	TGA	0	0	
mORF_+_880998	880998	881054	+	3	57	TTG	TGA	0	0	
mORF_+_881067	881067	881111	+	3	45	ATG	TGA	0	0	
mORF_+_881098	881098	881160	+	1	63	GTG	TGA	0	0	
mORF_+_881168	881168	881215	+	2	48	ATG	TAA	0	0	
mORF_+_881215	881215	881448	+	1	234	ATG	TAA	0	0	
mORF_+_881331	881331	881588	+	3	258	GTG	TAG	0	0	
mORF_+_881494	881494	881523	+	1	30	ATG	TGA	0	0	
mORF_+_881647	881647	881679	+	1	33	GTG	TGA	0	0	
mORF_+_881708	881708	881887	+	2	180	TTG	TAA	0	0	
mORF_+_881745	881745	881756	+	3	12	TTG	TAA	0	0	
mORF_+_881763	881763	881894	+	3	132	ATG	TAA	0	0	
mORF_+_881827	881827	881979	+	1	153	TTG	TGA	0	0	
mORF_+_881916	881916	881972	+	3	57	TTG	TAG	0	0	
mORF_+_881948	881948	881959	+	2	12	GTG	TAA	0	0	
mORF_+_881976	881976	882008	+	3	33	TTG	TAG	0	0	
mORF_+_882034	882034	882084	+	1	51	TTG	TGA	0	0	
mORF_+_882047	882047	882115	+	2	69	ATG	TAA	0	0	
mORF_+_882072	882072	882230	+	3	159	TTG	TAA	0	0	
mORF_+_882208	882208	882300	+	1	93	ATG	TGA	0	0	
mORF_+_882233	882233	882283	+	2	51	GTG	TGA	0	0	
mORF_+_882252	882252	882263	+	3	12	ATG	TAA	0	0	
mORF_+_882297	882297	882314	+	3	18	GTG	TGA	0	0	
mORF_+_882305	882305	882415	+	2	111	TTG	TGA	0	0	
mORF_+_882327	882327	882587	+	3	261	ATG	TAG	0	0	
mORF_+_882455	882455	882463	+	2	9	GTG	TAA	0	0	
mORF_+_882628	882628	882663	+	1	36	GTG	TGA	0	0	
mORF_+_882660	882660	882737	+	3	78	TTG	TGA	0	0	

mORF_+_882671	882671	882757	+	2	87	GTG	TAA	0	0
mORF_+_882730	882730	882768	+	1	39	GTG	TAA	0	0
mORF_+_882738	882738	882743	+	3	6	TTG	TAA	0	0
mORF_+_882794	882794	882799	+	2	6	ATG	TAA	0	0
mORF_+_882802	882802	882906	+	1	105	ATG	TAA	0	0
mORF_+_882804	882804	882911	+	3	108	GTG	TAG	0	0
mORF_+_882896	882896	884128	+	2	1233	ATG	TAA	0	0
mORF_+_882918	882918	883001	+	3	84	GTG	TGA	0	0
mORF_+_883047	883047	883070	+	3	24	TTG	TGA	0	0
mORF_+_883051	883051	883212	+	1	162	TTG	TGA	0	0
mORF_+_883131	883131	883148	+	3	18	TTG	TGA	0	0
mORF_+_883209	883209	883247	+	3	39	TTG	TAA	0	0
mORF_+_883260	883260	883331	+	3	72	TTG	TGA	0	0
mORF_+_883309	883309	883476	+	1	168	TTG	TGA	0	0
mORF_+_883350	883350	883493	+	3	144	TTG	TAG	0	0
mORF_+_883524	883524	883544	+	3	21	GTG	TGA	0	0
mORF_+_883557	883557	883652	+	3	96	TTG	TGA	0	0
mORF_+_883606	883606	883662	+	1	57	GTG	TGA	0	0
mORF_+_883659	883659	883700	+	3	42	ATG	TAA	0	0
mORF_+_883701	883701	883721	+	3	21	TTG	TAG	0	0
mORF_+_883785	883785	883844	+	3	60	TTG	TGA	0	0
mORF_+_883837	883837	883932	+	1	96	ATG	TAA	0	0
mORF_+_883863	883863	883907	+	3	45	ATG	TAA	0	0
mORF_+_883914	883914	883928	+	3	15	TTG	TGA	0	0
mORF_+_883983	883983	884015	+	3	33	TTG	TGA	0	0
mORF_+_884049	884049	884078	+	3	30	TTG	TGA	0	0
mORF_+_884065	884065	884100	+	1	36	GTG	TAA	0	0
mORF_+_884133	884133	884333	+	3	201	ATG	TGA	0	0
mORF_+_884146	884146	884172	+	1	27	TTG	TAA	0	0
mORF_+_884318	884318	884329	+	2	12	GTG	TGA	0	0
mORF_+_884353	884353	884751	+	1	399	TTG	TAA	0	0
mORF_+_884385	884385	884417	+	3	33	TTG	TAA	0	0
mORF_+_884493	884493	884567	+	3	75	ATG	TAA	0	0
mORF_+_884513	884513	884683	+	2	171	TTG	TGA	0	0
mORF_+_884625	884625	884672	+	3	48	TTG	TAA	0	0
mORF_+_884761	884761	884862	+	1	102	TTG	TAA	0	0
mORF_+_884774	884774	884965	+	2	192	TTG	TGA	0	0
mORF_+_884862	884862	884915	+	3	54	ATG	TAA	0	0
mORF_+_884869	884869	884931	+	1	63	TTG	TAA	0	0
mORF_+_884962	884962	885105	+	1	144	GTG	TAG	0	0
mORF_+_884990	884990	885019	+	2	30	ATG	TAG	0	0
mORF_+_885012	885012	885044	+	3	33	GTG	TAA	0	0
mORF_+_885125	885125	885208	+	2	84	TTG	TGA	0	0
mORF_+_885214	885214	885312	+	1	99	TTG	TAA	0	0
mORF_+_885249	885249	885278	+	3	30	GTG	TAA	0	0
mORF_+_885326	885326	885418	+	2	93	ATG	TAG	0	0
mORF_+_885382	885382	885471	+	1	90	TTG	TAA	0	0
mORF_+_885452	885452	885544	+	2	93	TTG	TGA	0	0
mORF_+_885471	885471	885698	+	3	228	ATG	TAG	0	0
mORF_+_885551	885551	885670	+	2	120	TTG	TAA	0	0
mORF_+_885586	885586	885732	+	1	147	ATG	TAA	0	0
mORF_+_885698	885698	885742	+	2	45	GTG	TGA	0	0
mORF_+_885739	885739	885795	+	1	57	ATG	TAA	0	0
mORF_+_885825	885825	885842	+	3	18	GTG	TAA	0	0
mORF_+_885859	885859	885930	+	1	72	TTG	TAA	0	0
mORF_+_885951	885951	886046	+	3	96	ATG	TAA	0	0
mORF_+_885958	885958	886002	+	1	45	GTG	TGA	0	0
mORF_+_885995	885995	886018	+	2	24	TTG	TAG	0	0
mORF_+_886003	886003	886014	+	1	12	ATG	TAA	0	0
mORF_+_886019	886019	886318	+	2	300	GTG	TGA	0	0
mORF_+_886048	886048	886125	+	1	78	ATG	TAA	0	0
mORF_+_886050	886050	886283	+	3	234	GTG	TAA	0	0
mORF_+_886315	886315	886644	+	1	330	GTG	TGA	0	0

mORF+_886334	886334	886453	+	2	120	GTG	TAG	0	0
mORF+_886466	886466	886510	+	2	45	TTG	TAA	0	0
mORF+_886535	886535	886564	+	2	30	ATG	TAG	0	0
mORF+_886608	886608	886709	+	3	102	GTG	TGA	0	0
mORF+_886616	886616	887182	+	2	567	TTG	TAG	0	0
mORF+_886725	886725	886781	+	3	57	ATG	TGA	0	0
mORF+_886800	886800	886919	+	3	120	TTG	TGA	0	0
mORF+_886897	886897	886950	+	1	54	ATG	TAA	0	0
mORF+_886935	886935	886961	+	3	27	TTG	TGA	0	0
mORF+_887053	887053	887061	+	1	9	ATG	TGA	0	0
mORF+_887058	887058	887105	+	3	48	TTG	TGA	0	0
mORF+_887115	887115	887156	+	3	42	TTG	TGA	0	0
mORF+_887163	887163	887189	+	3	27	TTG	TAA	0	0
mORF+_887218	887218	887289	+	1	72	TTG	TAA	0	0
mORF+_887228	887228	887365	+	2	138	ATG	TAA	0	0
mORF+_887295	887295	887429	+	3	135	ATG	TAG	0	0
mORF+_887389	887389	887478	+	1	90	TTG	TGA	0	0
mORF+_887430	887430	887441	+	3	12	GTG	TAG	0	0
mORF+_887454	887454	887558	+	3	105	ATG	TAA	0	0
mORF+_887488	887488	887580	+	1	93	TTG	TAA	0	0
mORF+_887715	887715	887741	+	3	27	ATG	TAA	0	0
mORF+_887722	887722	887760	+	1	39	ATG	TAG	0	0
mORF+_887753	887753	887794	+	2	42	GTG	TAA	0	0
mORF+_887814	887814	887915	+	3	102	ATG	TGA	0	0
mORF+_887827	887827	887835	+	1	9	ATG	TGA	0	0
mORF+_887887	887887	887904	+	1	18	ATG	TGA	0	0
mORF+_887912	887912	887980	+	2	69	GTG	TAA	0	0
mORF+_887931	887931	888065	+	3	135	ATG	TGA	0	0
mORF+_888062	888062	888253	+	2	192	GTG	TAG	0	0
mORF+_888082	888082	888117	+	1	36	GTG	TAA	0	0
mORF+_888132	888132	888221	+	3	90	GTG	TAG	0	0
mORF+_888274	888274	888660	+	1	387	TTG	TAG	0	0
mORF+_888306	888306	888311	+	3	6	ATG	TAG	0	0
mORF+_888320	888320	888409	+	2	90	TTG	TAA	0	0
mORF+_888351	888351	888392	+	3	42	TTG	TAG	0	0
mORF+_888423	888423	888485	+	3	63	TTG	TGA	0	0
mORF+_888458	888458	888478	+	2	21	TTG	TAA	0	0
mORF+_888485	888485	888541	+	2	57	ATG	TAA	0	0
mORF+_888603	888603	888614	+	3	12	ATG	TGA	0	0
mORF+_888611	888611	888670	+	2	60	ATG	TAA	0	0
mORF+_888754	888754	888837	+	1	84	GTG	TAA	0	0
mORF+_888792	888792	889007	+	3	216	ATG	TAA	0	0
mORF+_888881	888881	888895	+	2	15	ATG	TAA	0	0
mORF+_888935	888935	888955	+	2	21	TTG	TAA	0	0
mORF+_889056	889056	889145	+	3	90	TTG	TAA	0	0
mORF+_889099	889099	889152	+	1	54	ATG	TAG	0	0
mORF+_889176	889176	889181	+	3	6	GTG	TAA	0	0
mORF+_889205	889205	889228	+	2	24	ATG	TAG	0	0
mORF+_889210	889210	889290	+	1	81	TTG	TAG	0	0
mORF+_889215	889215	889259	+	3	45	TTG	TGA	0	0
mORF+_889235	889235	889315	+	2	81	ATG	TGA	0	0
mORF+_889278	889278	889322	+	3	45	ATG	TAA	0	0
mORF+_889312	889312	889689	+	1	378	GTG	TAA	0	0
mORF+_889329	889329	889427	+	3	99	TTG	TGA	0	0
mORF+_889352	889352	889396	+	2	45	TTG	TGA	0	0
mORF+_889508	889508	889603	+	2	96	TTG	TAA	0	0
mORF+_889593	889593	889655	+	3	63	ATG	TAG	0	0
mORF+_889619	889619	889846	+	2	228	GTG	TAG	0	0
mORF+_889708	889708	889764	+	1	57	TTG	TAG	0	0
mORF+_889773	889773	889835	+	3	63	ATG	TAG	0	0
mORF+_889846	889846	889878	+	1	33	GTG	TGA	0	0
mORF+_889900	889900	889941	+	1	42	TTG	TAA	0	0
mORF+_889925	889925	889966	+	2	42	TTG	TAA	0	0

mORF+_889971	889971	890033	+	3	63	TTG	TGA	0	0	
mORF+_890021	890021	890065	+	2	45	ATG	TAA	0	0	
mORF+_890050	890050	890058	+	1	9	TTG	TAA	0	0	
mORF+_890059	890059	890172	+	1	114	TTG	TGA	0	0	
mORF+_890120	890120	890152	+	2	33	TTG	TAA	0	0	
mORF+_890136	890136	890423	+	3	288	ATG	TGA	0	0	
mORF+_890290	890290	890361	+	1	72	GTG	TGA	0	0	
mORF+_890407	890407	891129	+	1	723	ATG	TAA	24	71	pORF+_890407
mORF+_890420	890420	890590	+	2	171	TTG	TGA	0	0	
mORF+_890430	890430	890462	+	3	33	TTG	TGA	0	0	
mORF+_890538	890538	890546	+	3	9	GTG	TAG	0	0	
mORF+_890645	890645	890737	+	2	93	GTG	TGA	0	0	
mORF+_890747	890747	890755	+	2	9	ATG	TAA	0	0	
mORF+_890813	890813	890824	+	2	12	TTG	TGA	0	0	
mORF+_890849	890849	891175	+	2	327	ATG	TGA	0	0	
mORF+_890871	890871	890894	+	3	24	GTG	TAA	0	0	
mORF+_891114	891114	891236	+	3	123	TTG	TAA	0	0	
mORF+_891190	891190	892092	+	1	903	GTG	TAG	2	4	pORF+_891190
mORF+_891197	891197	891307	+	2	111	TTG	TGA	0	0	
mORF+_891297	891297	891365	+	3	69	TTG	TGA	0	0	
mORF+_891362	891362	891373	+	2	12	TTG	TGA	0	0	
mORF+_891383	891383	891577	+	2	195	TTG	TAA	0	0	
mORF+_891590	891590	891679	+	2	90	GTG	TGA	0	0	
mORF+_891680	891680	891700	+	2	21	TTG	TGA	0	0	
mORF+_891744	891744	891776	+	3	33	GTG	TGA	0	0	
mORF+_891764	891764	891892	+	2	129	TTG	TAA	0	0	
mORF+_891920	891920	891964	+	2	45	TTG	TGA	0	0	
mORF+_891974	891974	892000	+	2	27	ATG	TAG	0	0	
mORF+_892071	892071	892139	+	3	69	TTG	TAA	0	0	
mORF+_892085	892085	892183	+	2	99	GTG	TGA	0	0	
mORF+_892132	892132	892656	+	1	525	TTG	TGA	0	0	
mORF+_892143	892143	892232	+	3	90	GTG	TGA	0	0	
mORF+_892229	892229	892243	+	2	15	ATG	TGA	0	0	
mORF+_892250	892250	892330	+	2	81	TTG	TGA	0	0	
mORF+_892254	892254	892259	+	3	6	ATG	TGA	0	0	
mORF+_892415	892415	892429	+	2	15	ATG	TGA	0	0	
mORF+_892445	892445	892513	+	2	69	TTG	TAA	0	0	
mORF+_892482	892482	892520	+	3	39	TTG	TGA	0	0	
mORF+_892517	892517	892735	+	2	219	ATG	TAA	0	0	
mORF+_892530	892530	892577	+	3	48	ATG	TGA	0	0	
mORF+_892684	892684	892779	+	1	96	GTG	TAG	0	0	
mORF+_892689	892689	892724	+	3	36	GTG	TAA	0	0	
mORF+_892755	892755	892805	+	3	51	GTG	TAA	0	0	
mORF+_892763	892763	892819	+	2	57	TTG	TAA	0	0	
mORF+_892857	892857	894119	+	3	1263	TTG	TAA	42	354	pORF+_892857
mORF+_892862	892862	893023	+	2	162	ATG	TAA	0	0	
mORF+_892882	892882	892926	+	1	45	GTG	TAA	0	0	
mORF+_892957	892957	892962	+	1	6	GTG	TGA	0	0	
mORF+_892969	892969	892983	+	1	15	TTG	TAA	0	0	
mORF+_893027	893027	893089	+	2	63	ATG	TGA	0	0	
mORF+_893044	893044	893058	+	1	15	TTG	TGA	0	0	
mORF+_893152	893152	893223	+	1	72	TTG	TAA	0	0	
mORF+_893242	893242	893286	+	1	45	TTG	TGA	0	0	
mORF+_893330	893330	893389	+	2	60	GTG	TAA	0	0	
mORF+_893392	893392	893493	+	1	102	TTG	TGA	0	0	
mORF+_893408	893408	893434	+	2	27	GTG	TAA	0	0	
mORF+_893533	893533	893580	+	1	48	GTG	TGA	0	0	
mORF+_893617	893617	893652	+	1	36	ATG	TAA	0	0	
mORF+_893720	893720	893746	+	2	27	TTG	TGA	0	0	
mORF+_893743	893743	893793	+	1	51	GTG	TGA	0	0	
mORF+_893794	893794	893895	+	1	102	ATG	TGA	0	0	
mORF+_893914	893914	893919	+	1	6	ATG	TAG	0	0	
mORF+_893938	893938	893982	+	1	45	ATG	TGA	0	0	

mORF+_893983	893983	894051	+	1	69	GTG	TGA	0	0	
mORF+_894076	894076	894105	+	1	30	GTG	TGA	0	0	
mORF+_894092	894092	894217	+	2	126	GTG	TGA	0	0	
mORF+_894133	894133	895347	+	1	1215	ATG	TAA	5	9	pORF+_894133
mORF+_894198	894198	894221	+	3	24	ATG	TGA	0	0	
mORF+_894218	894218	894262	+	2	45	ATG	TGA	0	0	
mORF+_894302	894302	894334	+	2	33	ATG	TGA	0	0	
mORF+_894347	894347	894442	+	2	96	GTG	TAA	0	0	
mORF+_894446	894446	894499	+	2	54	TTG	TGA	0	0	
mORF+_894554	894554	894562	+	2	9	TTG	TGA	0	0	
mORF+_894590	894590	894817	+	2	228	TTG	TGA	0	0	
mORF+_894819	894819	894950	+	3	132	TTG	TAG	0	0	
mORF+_894821	894821	894826	+	2	6	GTG	TGA	0	0	
mORF+_894887	894887	894973	+	2	87	GTG	TAA	0	0	
mORF+_894980	894980	895051	+	2	72	TTG	TGA	0	0	
mORF+_895064	895064	895174	+	2	111	ATG	TGA	0	0	
mORF+_895125	895125	895154	+	3	30	TTG	TAA	0	0	
mORF+_895181	895181	895222	+	2	42	TTG	TGA	0	0	
mORF+_895226	895226	895237	+	2	12	GTG	TGA	0	0	
mORF+_895308	895308	895370	+	3	63	GTG	TGA	0	0	
mORF+_895328	895328	895339	+	2	12	GTG	TGA	0	0	
mORF+_895357	895357	896310	+	1	954	ATG	TGA	0	0	
mORF+_895367	895367	895432	+	2	66	TTG	TGA	0	0	
mORF+_895410	895410	895514	+	3	105	GTG	TAA	0	0	
mORF+_895436	895436	895477	+	2	42	ATG	TGA	0	0	
mORF+_895505	895505	895519	+	2	15	TTG	TAA	0	0	
mORF+_895569	895569	895577	+	3	9	GTG	TGA	0	0	
mORF+_895646	895646	895702	+	2	57	ATG	TGA	0	0	
mORF+_895689	895689	895739	+	3	51	TTG	TAA	0	0	
mORF+_895785	895785	895853	+	3	69	GTG	TAA	0	0	
mORF+_895811	895811	895831	+	2	21	ATG	TAA	0	0	
mORF+_895841	895841	895849	+	2	9	GTG	TGA	0	0	
mORF+_895863	895863	895988	+	3	126	GTG	TGA	0	0	
mORF+_895928	895928	895978	+	2	51	TTG	TGA	0	0	
mORF+_895985	895985	896035	+	2	51	TTG	TGA	0	0	
mORF+_896072	896072	896128	+	2	57	GTG	TGA	0	0	
mORF+_896144	896144	896164	+	2	21	GTG	TGA	0	0	
mORF+_896178	896178	896198	+	3	21	ATG	TAA	0	0	
mORF+_896252	896252	896263	+	2	12	TTG	TAA	0	0	
mORF+_896265	896265	897152	+	3	888	GTG	TGA	0	0	
mORF+_896344	896344	896349	+	1	6	TTG	TGA	0	0	
mORF+_896435	896435	896467	+	2	33	GTG	TGA	0	0	
mORF+_896461	896461	896490	+	1	30	ATG	TGA	0	0	
mORF+_896494	896494	896508	+	1	15	GTG	TAA	0	0	
mORF+_896518	896518	896622	+	1	105	TTG	TGA	0	0	
mORF+_896647	896647	896817	+	1	171	ATG	TAG	0	0	
mORF+_896756	896756	896935	+	2	180	TTG	TGA	0	0	
mORF+_896839	896839	896853	+	1	15	GTG	TGA	0	0	
mORF+_896932	896932	896946	+	1	15	TTG	TGA	0	0	
mORF+_896956	896956	897021	+	1	66	TTG	TGA	0	0	
mORF+_897070	897070	897096	+	1	27	TTG	TGA	0	0	
mORF+_897136	897136	897240	+	1	105	GTG	TAA	0	0	
mORF+_897165	897165	897269	+	3	105	TTG	TGA	0	0	
mORF+_897212	897212	897700	+	2	489	ATG	TAA	0	0	
mORF+_897270	897270	897314	+	3	45	ATG	TGA	0	0	
mORF+_897318	897318	897335	+	3	18	GTG	TGA	0	0	
mORF+_897366	897366	897407	+	3	42	TTG	TAA	0	0	
mORF+_897444	897444	897473	+	3	30	TTG	TGA	0	0	
mORF+_897454	897454	897588	+	1	135	GTG	TGA	0	0	
mORF+_897585	897585	897617	+	3	33	GTG	TGA	0	0	
mORF+_897700	897700	897792	+	1	93	ATG	TAA	0	0	
mORF+_897702	897702	897722	+	3	21	GTG	TGA	0	0	
mORF+_897722	897722	897730	+	2	9	ATG	TGA	0	0	

mORF_+_897737	897737	897823	+	2	87	ATG	TAA	0	0	
mORF_+_897741	897741	898868	+	3	1128	ATG	TAA	1	0	pORF_+_897741
mORF_+_897862	897862	897930	+	1	69	TTG	TGA	0	0	
mORF_+_897869	897869	897910	+	2	42	ATG	TAA	0	0	
mORF_+_897931	897931	898044	+	1	114	GTG	TAA	0	0	
mORF_+_897992	897992	897997	+	2	6	TTG	TGA	0	0	
mORF_+_898096	898096	898107	+	1	12	GTG	TGA	0	0	
mORF_+_898135	898135	898149	+	1	15	GTG	TGA	0	0	
mORF_+_898159	898159	898236	+	1	78	TTG	TGA	0	0	
mORF_+_898208	898208	898336	+	2	129	GTG	TAA	0	0	
mORF_+_898336	898336	898515	+	1	180	ATG	TAA	0	0	
mORF_+_898349	898349	898381	+	2	33	GTG	TAA	0	0	
mORF_+_898451	898451	898504	+	2	54	GTG	TGA	0	0	
mORF_+_898528	898528	898581	+	1	54	TTG	TAA	0	0	
mORF_+_898618	898618	898848	+	1	231	TTG	TGA	0	0	
mORF_+_898691	898691	898696	+	2	6	GTG	TGA	0	0	
mORF_+_898878	898878	898934	+	3	57	ATG	TAA	0	0	
mORF_+_898880	898880	899092	+	2	213	GTG	TGA	0	0	
mORF_+_898924	898924	899100	+	1	177	ATG	TGA	0	0	
mORF_+_898959	898959	898991	+	3	33	GTG	TAG	0	0	
mORF_+_899097	899097	899477	+	3	381	TTG	TGA	0	0	
mORF_+_899120	899120	899227	+	2	108	TTG	TAG	0	0	
mORF_+_899158	899158	899331	+	1	174	TTG	TGA	0	0	
mORF_+_899240	899240	899320	+	2	81	GTG	TAA	0	0	
mORF_+_899419	899419	899448	+	1	30	TTG	TAG	0	0	
mORF_+_899458	899458	899487	+	1	30	TTG	TAG	0	0	
mORF_+_899494	899494	899601	+	1	108	GTG	TGA	0	0	
mORF_+_899598	899598	899717	+	3	120	GTG	TGA	0	0	
mORF_+_899632	899632	899709	+	1	78	TTG	TAG	0	0	
mORF_+_899645	899645	899683	+	2	39	TTG	TAG	0	0	
mORF_+_899702	899702	899731	+	2	30	GTG	TGA	0	0	
mORF_+_899710	899710	899856	+	1	147	GTG	TAA	0	0	
mORF_+_899831	899831	899872	+	2	42	TTG	TGA	0	0	
mORF_+_899859	899859	899897	+	3	39	ATG	TAA	0	0	
mORF_+_899869	899869	899901	+	1	33	GTG	TAA	0	0	
mORF_+_899879	899879	899887	+	2	9	ATG	TAA	0	0	
mORF_+_899907	899907	899915	+	3	9	ATG	TAA	0	0	
mORF_+_899933	899933	899956	+	2	24	GTG	TAA	0	0	
mORF_+_899938	899938	900021	+	1	84	TTG	TGA	0	0	
mORF_+_899963	899963	900028	+	2	66	ATG	TGA	0	0	
mORF_+_899970	899970	899975	+	3	6	ATG	TAG	0	0	
mORF_+_900015	900015	900092	+	3	78	GTG	TAA	0	0	
mORF_+_900028	900028	900159	+	1	132	ATG	TAA	0	0	
mORF_+_900074	900074	900484	+	2	411	ATG	TAA	0	0	
mORF_+_900117	900117	900170	+	3	54	TTG	TAA	0	0	
mORF_+_900207	900207	900308	+	3	102	GTG	TAA	0	0	
mORF_+_900262	900262	900282	+	1	21	ATG	TGA	0	0	
mORF_+_900363	900363	900398	+	3	36	TTG	TGA	0	0	
mORF_+_900418	900418	900594	+	1	177	TTG	TAA	0	0	
mORF_+_900438	900438	900554	+	3	117	GTG	TAA	0	0	
mORF_+_900503	900503	900706	+	2	204	ATG	TAG	0	0	
mORF_+_900600	900600	900608	+	3	9	GTG	TAA	0	0	
mORF_+_900651	900651	900806	+	3	156	ATG	TGA	0	0	
mORF_+_900667	900667	900915	+	1	249	ATG	TAA	0	0	
mORF_+_900719	900719	900724	+	2	6	GTG	TAG	0	0	
mORF_+_900797	900797	900817	+	2	21	ATG	TGA	0	0	
mORF_+_900827	900827	900841	+	2	15	GTG	TAA	0	0	
mORF_+_900857	900857	900997	+	2	141	ATG	TGA	0	0	
mORF_+_900870	900870	900890	+	3	21	ATG	TAG	0	0	
mORF_+_900900	900900	900929	+	3	30	TTG	TAA	0	0	
mORF_+_900994	900994	901140	+	1	147	ATG	TGA	0	0	
mORF_+_901137	901137	901151	+	3	15	GTG	TGA	0	0	
mORF_+_901148	901148	901276	+	2	129	ATG	TAG	0	0	

mORF_+_901316	901316	901504	+	2	189	ATG	TAG	0	0	
mORF_+_901359	901359	901553	+	3	195	TTG	TGA	0	0	
mORF_+_901505	901505	901516	+	2	12	ATG	TAA	0	0	
mORF_+_901517	901517	901582	+	2	66	GTG	TGA	0	0	
mORF_+_901592	901592	901615	+	2	24	ATG	TAA	0	0	
mORF_+_901631	901631	901747	+	2	117	TTG	TAG	0	0	
mORF_+_901720	901720	902187	+	1	468	TTG	TAA	0	0	
mORF_+_901734	901734	901766	+	3	33	TTG	TAG	0	0	
mORF_+_901766	901766	901846	+	2	81	GTG	TGA	0	0	
mORF_+_901803	901803	901913	+	3	111	GTG	TAA	0	0	
mORF_+_901856	901856	901873	+	2	18	GTG	TGA	0	0	
mORF_+_901892	901892	901900	+	2	9	TTG	TAG	0	0	
mORF_+_901907	901907	902122	+	2	216	GTG	TAG	0	0	
mORF_+_901989	901989	902018	+	3	30	TTG	TAG	0	0	
mORF_+_902031	902031	902135	+	3	105	TTG	TAG	0	0	
mORF_+_902144	902144	902251	+	2	108	ATG	TAA	0	0	
mORF_+_902211	902211	902861	+	3	651	TTG	TAA	0	0	
mORF_+_902252	902252	902275	+	2	24	ATG	TAA	0	0	
mORF_+_902365	902365	902523	+	1	159	GTG	TGA	0	0	
mORF_+_902423	902423	902431	+	2	9	GTG	TAA	0	0	
mORF_+_902444	902444	902506	+	2	63	GTG	TAG	0	0	
mORF_+_902563	902563	902610	+	1	48	TTG	TGA	0	0	
mORF_+_902683	902683	902694	+	1	12	TTG	TGA	0	0	
mORF_+_902701	902701	902913	+	1	213	ATG	TGA	0	0	
mORF_+_902744	902744	902755	+	2	12	GTG	TGA	0	0	
mORF_+_902879	902879	902896	+	2	18	GTG	TGA	0	0	
mORF_+_902913	902913	902945	+	3	33	ATG	TAA	0	0	
mORF_+_902935	902935	902949	+	1	15	ATG	TGA	0	0	
mORF_+_902946	902946	902960	+	3	15	TTG	TGA	0	0	
mORF_+_902957	902957	902992	+	2	36	TTG	TGA	0	0	
mORF_+_902989	902989	903021	+	1	33	TTG	TAA	0	0	
mORF_+_903024	903024	903050	+	3	27	ATG	TAA	0	0	
mORF_+_903098	903098	903166	+	2	69	GTG	TGA	0	0	
mORF_+_903115	903115	903234	+	1	120	ATG	TAA	0	0	
mORF_+_903135	903135	903254	+	3	120	ATG	TGA	0	0	
mORF_+_903188	903188	903196	+	2	9	ATG	TGA	0	0	
mORF_+_903212	903212	903220	+	2	9	GTG	TGA	0	0	
mORF_+_903251	903251	903274	+	2	24	ATG	TGA	0	0	
mORF_+_903314	903314	903496	+	2	183	TTG	TAA	0	0	
mORF_+_903330	903330	903356	+	3	27	ATG	TAG	0	0	
mORF_+_903366	903366	903467	+	3	102	ATG	TAA	0	0	
mORF_+_903379	903379	903432	+	1	54	GTG	TAG	0	0	
mORF_+_903439	903439	903735	+	1	297	ATG	TAA	0	0	
mORF_+_903471	903471	903512	+	3	42	GTG	TGA	0	0	
mORF_+_903509	903509	903541	+	2	33	GTG	TAG	0	0	
mORF_+_903597	903597	903626	+	3	30	GTG	TGA	0	0	
mORF_+_903599	903599	903616	+	2	18	GTG	TAA	0	0	
mORF_+_903623	903623	903685	+	2	63	GTG	TAG	0	0	
mORF_+_903651	903651	903665	+	3	15	GTG	TAA	0	0	
mORF_+_903669	903669	903692	+	3	24	TTG	TAA	0	0	
mORF_+_903692	903692	903706	+	2	15	ATG	TAA	0	0	
mORF_+_903738	903738	903755	+	3	18	ATG	TAA	0	0	
mORF_+_903774	903774	903797	+	3	24	ATG	TAG	0	0	
mORF_+_903816	903816	904139	+	3	324	ATG	TGA	4	34	pORF_+_903816
mORF_+_903859	903859	903879	+	1	21	TTG	TGA	0	0	
mORF_+_903866	903866	903916	+	2	51	TTG	TGA	0	0	
mORF_+_903898	903898	904011	+	1	114	GTG	TAG	0	0	
mORF_+_904039	904039	904098	+	1	60	ATG	TGA	0	0	
mORF_+_904136	904136	904966	+	2	831	ATG	TAG	1	4	pORF_+_904136
mORF_+_904183	904183	904230	+	1	48	GTG	TGA	0	0	
mORF_+_904185	904185	904280	+	3	96	GTG	TGA	0	0	
mORF_+_904296	904296	904325	+	3	30	ATG	TGA	0	0	
mORF_+_904431	904431	904529	+	3	99	ATG	TGA	0	0	

mORF+_904536	904536	904625	+	3	90	TTG	TAG	0	0
mORF+_904632	904632	904775	+	3	144	ATG	TAG	0	0
mORF+_904815	904815	904835	+	3	21	ATG	TGA	0	0
mORF+_904911	904911	905030	+	3	120	ATG	TGA	0	0
mORF+_904981	904981	904992	+	1	12	GTG	TAG	0	0
mORF+_905027	905027	905041	+	2	15	GTG	TGA	0	0
mORF+_905096	905096	905110	+	2	15	TTG	TAG	0	0
mORF+_905110	905110	905136	+	1	27	GTG	TGA	0	0
mORF+_905130	905130	905276	+	3	147	TTG	TGA	0	0
mORF+_905138	905138	905188	+	2	51	TTG	TAG	0	0
mORF+_905243	905243	905356	+	2	114	ATG	TAG	0	0
mORF+_905260	905260	905301	+	1	42	ATG	TAG	0	0
mORF+_905322	905322	905441	+	3	120	TTG	TAA	0	0
mORF+_905338	905338	905394	+	1	57	GTG	TAA	0	0
mORF+_905410	905410	905745	+	1	336	GTG	TGA	0	0
mORF+_905472	905472	905486	+	3	15	GTG	TAG	0	0
mORF+_905499	905499	905525	+	3	27	GTG	TGA	0	0
mORF+_905522	905522	905578	+	2	57	TTG	TGA	0	0
mORF+_905696	905696	905995	+	2	300	GTG	TGA	0	0
mORF+_905730	905730	905750	+	3	21	GTG	TAA	0	0
mORF+_905761	905761	905805	+	1	45	GTG	TGA	0	0
mORF+_905802	905802	905903	+	3	102	GTG	TGA	0	0
mORF+_905989	905989	906003	+	1	15	TTG	TAA	0	0
mORF+_906005	906005	906022	+	2	18	GTG	TGA	0	0
mORF+_906019	906019	906051	+	1	33	GTG	TGA	0	0
mORF+_906039	906039	906059	+	3	21	ATG	TAA	0	0
mORF+_906068	906068	906133	+	2	66	TTG	TAA	0	0
mORF+_906082	906082	906165	+	1	84	GTG	TAA	0	0
mORF+_906087	906087	906158	+	3	72	TTG	TAA	0	0
mORF+_906183	906183	906284	+	3	102	GTG	TAA	0	0
mORF+_906274	906274	906390	+	1	117	ATG	TGA	0	0
mORF+_906294	906294	906353	+	3	60	TTG	TAA	0	0
mORF+_906387	906387	906485	+	3	99	ATG	TAA	0	0
mORF+_906416	906416	906511	+	2	96	GTG	TAA	0	0
mORF+_906433	906433	906447	+	1	15	TTG	TAA	0	0
mORF+_906529	906529	906540	+	1	12	TTG	TAA	0	0
mORF+_906598	906598	906720	+	1	123	TTG	TGA	0	0
mORF+_906660	906660	906680	+	3	21	TTG	TAG	0	0
mORF+_906662	906662	906670	+	2	9	GTG	TGA	0	0
mORF+_906671	906671	906757	+	2	87	GTG	TAA	0	0
mORF+_906705	906705	906923	+	3	219	GTG	TAA	0	0
mORF+_906736	906736	906861	+	1	126	GTG	TGA	0	0
mORF+_906895	906895	906918	+	1	24	ATG	TGA	0	0
mORF+_906939	906939	906977	+	3	39	GTG	TGA	0	0
mORF+_906961	906961	907017	+	1	57	ATG	TAG	0	0
mORF+_906974	906974	907033	+	2	60	GTG	TGA	0	0
mORF+_907030	907030	907128	+	1	99	ATG	TGA	0	0
mORF+_907140	907140	907190	+	3	51	ATG	TAA	0	0
mORF+_907157	907157	907180	+	2	24	GTG	TAA	0	0
mORF+_907191	907191	907214	+	3	24	TTG	TAG	0	0
mORF+_907228	907228	907251	+	1	24	TTG	TGA	0	0
mORF+_907276	907276	907296	+	1	21	ATG	TAG	0	0
mORF+_907281	907281	907328	+	3	48	GTG	TAG	0	0
mORF+_907356	907356	907490	+	3	135	ATG	TAA	0	0
mORF+_907370	907370	907441	+	2	72	TTG	TGA	0	0
mORF+_907442	907442	907519	+	2	78	GTG	TAA	0	0
mORF+_907444	907444	907461	+	1	18	GTG	TGA	0	0
mORF+_907465	907465	907470	+	1	6	ATG	TAG	0	0
mORF+_907492	907492	907650	+	1	159	ATG	TAA	0	0
mORF+_907497	907497	907616	+	3	120	TTG	TAA	0	0
mORF+_907637	907637	907702	+	2	66	ATG	TGA	0	0
mORF+_907754	907754	907882	+	2	129	TTG	TAA	0	0
mORF+_907759	907759	907902	+	1	144	GTG	TAA	0	0

mORF+_907902	907902	907946	+	3	45	ATG	TGA	0	0
mORF+_907940	907940	907990	+	2	51	ATG	TAA	0	0
mORF+_907960	907960	908124	+	1	165	TTG	TAA	0	0
mORF+_908009	908009	908224	+	2	216	ATG	TGA	0	0
mORF+_908061	908061	908120	+	3	60	ATG	TGA	0	0
mORF+_908140	908140	908187	+	1	48	ATG	TAG	0	0
mORF+_908215	908215	908508	+	1	294	TTG	TAA	0	0
mORF+_908333	908333	908341	+	2	9	TTG	TGA	0	0
mORF+_908342	908342	908395	+	2	54	GTG	TAG	0	0
mORF+_908471	908471	908851	+	2	381	ATG	TAG	0	0
mORF+_908481	908481	908492	+	3	12	TTG	TAA	0	0
mORF+_908521	908521	908535	+	1	15	ATG	TGA	0	0
mORF+_908532	908532	908609	+	3	78	ATG	TGA	0	0
mORF+_908542	908542	908562	+	1	21	ATG	TAG	0	0
mORF+_908613	908613	908636	+	3	24	TTG	TGA	0	0
mORF+_908667	908667	908786	+	3	120	GTG	TAA	0	0
mORF+_908737	908737	908829	+	1	93	TTG	TAG	0	0
mORF+_908817	908817	908900	+	3	84	TTG	TAA	0	0
mORF+_908894	908894	908998	+	2	105	TTG	TGA	0	0
mORF+_909038	909038	909106	+	2	69	ATG	TAA	0	0
mORF+_909058	909058	909075	+	1	18	GTG	TAA	0	0
mORF+_909108	909108	909146	+	3	39	GTG	TGA	0	0
mORF+_909143	909143	909172	+	2	30	GTG	TGA	0	0
mORF+_909169	909169	909228	+	1	60	ATG	TAA	0	0
mORF+_909203	909203	909259	+	2	57	ATG	TAA	0	0
mORF+_909284	909284	909373	+	2	90	TTG	TGA	0	0
mORF+_909309	909309	909338	+	3	30	ATG	TGA	0	0
mORF+_909351	909351	909395	+	3	45	GTG	TGA	0	0
mORF+_909370	909370	909462	+	1	93	GTG	TAG	0	0
mORF+_909380	909380	909406	+	2	27	ATG	TGA	0	0
mORF+_909407	909407	909430	+	2	24	ATG	TAG	0	0
mORF+_909452	909452	909580	+	2	129	GTG	TGA	0	0
mORF+_909490	909490	909501	+	1	12	ATG	TGA	0	0
mORF+_909556	909556	909618	+	1	63	ATG	TAA	0	0
mORF+_909625	909625	909702	+	1	78	ATG	TAA	0	0
mORF+_909665	909665	909676	+	2	12	TTG	TAA	0	0
mORF+_909695	909695	909742	+	2	48	TTG	TGA	0	0
mORF+_909730	909730	909780	+	1	51	TTG	TAA	0	0
mORF+_909732	909732	909824	+	3	93	GTG	TAA	0	0
mORF+_909752	909752	909895	+	2	144	ATG	TAG	0	0
mORF+_909856	909856	909915	+	1	60	TTG	TAG	0	0
mORF+_909858	909858	910028	+	3	171	GTG	TGA	0	0
mORF+_909919	909919	910032	+	1	114	TTG	TAA	0	0
mORF+_910001	910001	910252	+	2	252	TTG	TAA	0	0
mORF+_910033	910033	910359	+	1	327	GTG	TAA	0	0
mORF+_910089	910089	910166	+	3	78	GTG	TAA	0	0
mORF+_910236	910236	910289	+	3	54	GTG	TGA	0	0
mORF+_910271	910271	910366	+	2	96	ATG	TAA	0	0
mORF+_910290	910290	910295	+	3	6	ATG	TGA	0	0
mORF+_910375	910375	910602	+	1	228	ATG	TAG	0	0
mORF+_910407	910407	910652	+	3	246	ATG	TGA	0	0
mORF+_910490	910490	910624	+	2	135	GTG	TAA	0	0
mORF+_910639	910639	910791	+	1	153	TTG	TGA	0	0
mORF+_910646	910646	910888	+	2	243	TTG	TAG	0	0
mORF+_910788	910788	910829	+	3	42	GTG	TGA	0	0
mORF+_910934	910934	910939	+	2	6	TTG	TAG	0	0
mORF+_910959	910959	910997	+	3	39	GTG	TAA	0	0
mORF+_911003	911003	911095	+	2	93	GTG	TAA	0	0
mORF+_911165	911165	911206	+	2	42	GTG	TAA	0	0
mORF+_911244	911244	911324	+	3	81	GTG	TAA	0	0
mORF+_911251	911251	911655	+	1	405	TTG	TAA	0	0
mORF+_911324	911324	911329	+	2	6	ATG	TGA	0	0
mORF+_911361	911361	911651	+	3	291	TTG	TGA	0	0

mORF_+_911474	911474	911506	+	2	33	GTG	TGA	0	0
mORF_+_911667	911667	912428	+	3	762	TTG	TGA	0	0
mORF_+_911719	911719	911799	+	1	81	TTG	TAG	0	0
mORF_+_911813	911813	911926	+	2	114	GTG	TGA	0	0
mORF_+_911923	911923	912012	+	1	90	GTG	TGA	0	0
mORF_+_912034	912034	912063	+	1	30	ATG	TAA	0	0
mORF_+_912074	912074	912085	+	2	12	TTG	TGA	0	0
mORF_+_912082	912082	912141	+	1	60	ATG	TGA	0	0
mORF_+_912178	912178	912201	+	1	24	TTG	TAG	0	0
mORF_+_912229	912229	912234	+	1	6	GTG	TAG	0	0
mORF_+_912247	912247	912276	+	1	30	GTG	TAG	0	0
mORF_+_912283	912283	912294	+	1	12	TTG	TGA	0	0
mORF_+_912307	912307	912357	+	1	51	ATG	TGA	0	0
mORF_+_912344	912344	912403	+	2	60	TTG	TGA	0	0
mORF_+_912388	912388	912501	+	1	114	ATG	TAA	0	0
mORF_+_912425	912425	912481	+	2	57	TTG	TGA	0	0
mORF_+_912486	912486	912824	+	3	339	ATG	TGA	0	0
mORF_+_912508	912508	912519	+	1	12	TTG	TGA	0	0
mORF_+_912595	912595	912648	+	1	54	ATG	TGA	0	0
mORF_+_912715	912715	912780	+	1	66	TTG	TAG	0	0
mORF_+_912811	912811	912936	+	1	126	TTG	TGA	0	0
mORF_+_912821	912821	912865	+	2	45	TTG	TGA	0	0
mORF_+_912858	912858	912929	+	3	72	GTG	TAA	0	0
mORF_+_912980	912980	913012	+	2	33	ATG	TAG	0	0
mORF_+_913014	913014	913052	+	3	39	TTG	TAA	0	0
mORF_+_913036	913036	913077	+	1	42	ATG	TAA	0	0
mORF_+_913070	913070	913216	+	2	147	ATG	TAA	0	0
mORF_+_913116	913116	913127	+	3	12	ATG	TAA	0	0
mORF_+_913134	913134	913142	+	3	9	TTG	TAG	0	0
mORF_+_913150	913150	913203	+	1	54	TTG	TGA	0	0
mORF_+_913200	913200	913238	+	3	39	ATG	TGA	0	0
mORF_+_913235	913235	913306	+	2	72	GTG	TGA	0	0
mORF_+_913243	913243	913296	+	1	54	TTG	TGA	0	0
mORF_+_913293	913293	913634	+	3	342	GTG	TGA	0	0
mORF_+_913303	913303	913335	+	1	33	TTG	TAG	0	0
mORF_+_913486	913486	913503	+	1	18	TTG	TGA	0	0
mORF_+_913546	913546	913554	+	1	9	ATG	TGA	0	0
mORF_+_913665	913665	913802	+	3	138	GTG	TGA	0	0
mORF_+_913688	913688	913696	+	2	9	GTG	TAA	0	0
mORF_+_913796	913796	913864	+	2	69	TTG	TAA	0	0
mORF_+_913809	913809	913892	+	3	84	TTG	TAA	0	0
mORF_+_913892	913892	913984	+	2	93	ATG	TAA	0	0
mORF_+_914012	914012	914065	+	2	54	TTG	TAA	0	0
mORF_+_914028	914028	914036	+	3	9	ATG	TAA	0	0
mORF_+_914058	914058	914105	+	3	48	ATG	TGA	0	0
mORF_+_914102	914102	914134	+	2	33	ATG	TGA	0	0
mORF_+_914113	914113	914193	+	1	81	ATG	TAG	0	0
mORF_+_914171	914171	914212	+	2	42	ATG	TAA	0	0
mORF_+_914221	914221	914283	+	1	63	TTG	TGA	0	0
mORF_+_914247	914247	914315	+	3	69	ATG	TGA	0	0
mORF_+_914305	914305	914358	+	1	54	ATG	TAG	0	0
mORF_+_914333	914333	914371	+	2	39	ATG	TAA	0	0
mORF_+_914398	914398	914511	+	1	114	TTG	TGA	0	0
mORF_+_914418	914418	914492	+	3	75	GTG	TGA	0	0
mORF_+_914459	914459	914485	+	2	27	TTG	TAG	0	0
mORF_+_914489	914489	914578	+	2	90	ATG	TAA	0	0
mORF_+_914508	914508	914537	+	3	30	ATG	TAA	0	0
mORF_+_914621	914621	914752	+	2	132	ATG	TGA	0	0
mORF_+_914634	914634	914690	+	3	57	TTG	TAG	0	0
mORF_+_914659	914659	914667	+	1	9	TTG	TAA	0	0
mORF_+_914749	914749	914763	+	1	15	GTG	TAA	0	0
mORF_+_914807	914807	914887	+	2	81	TTG	TAA	0	0
mORF_+_914814	914814	914918	+	3	105	TTG	TAG	0	0

mORF+_914821	914821	914898	+	1	78	GTG	TGA	0	0	
mORF+_914899	914899	914970	+	1	72	ATG	TAA	0	0	
mORF+_915036	915036	915071	+	3	36	TTG	TAG	0	0	
mORF+_915071	915071	915091	+	2	21	GTG	TGA	0	0	
mORF+_915088	915088	915177	+	1	90	ATG	TAA	0	0	
mORF+_915170	915170	915292	+	2	123	ATG	TGA	0	0	
mORF+_915289	915289	915300	+	1	12	TTG	TGA	0	0	
mORF+_915297	915297	915320	+	3	24	GTG	TAG	0	0	
mORF+_915336	915336	915395	+	3	60	GTG	TAA	0	0	
mORF+_915411	915411	915419	+	3	9	TTG	TAG	0	0	
mORF+_915432	915432	915494	+	3	63	TTG	TAG	0	0	
mORF+_915449	915449	915460	+	2	12	TTG	TGA	0	0	
mORF+_915457	915457	915468	+	1	12	TTG	TAG	0	0	
mORF+_915517	915517	915531	+	1	15	ATG	TGA	0	0	
mORF+_915528	915528	915572	+	3	45	TTG	TAA	0	0	
mORF+_915601	915601	915666	+	1	66	TTG	TAA	0	0	
mORF+_915606	915606	915635	+	3	30	ATG	TAG	0	0	
mORF+_915614	915614	915619	+	2	6	ATG	TGA	0	0	
mORF+_915696	915696	917354	+	3	1659	ATG	TAA	6	24	pORF+_915696
mORF+_915703	915703	915753	+	1	51	TTG	TGA	0	0	
mORF+_915778	915778	915822	+	1	45	TTG	TAA	0	0	
mORF+_915791	915791	915799	+	2	9	GTG	TAA	0	0	
mORF+_915859	915859	915930	+	1	72	TTG	TGA	0	0	
mORF+_915989	915989	916093	+	2	105	GTG	TAA	0	0	
mORF+_916009	916009	916068	+	1	60	ATG	TGA	0	0	
mORF+_916108	916108	916155	+	1	48	TTG	TAA	0	0	
mORF+_916174	916174	916392	+	1	219	GTG	TAA	0	0	
mORF+_916411	916411	916455	+	1	45	ATG	TGA	0	0	
mORF+_916456	916456	916569	+	1	114	TTG	TGA	0	0	
mORF+_916612	916612	916629	+	1	18	TTG	TGA	0	0	
mORF+_916651	916651	916686	+	1	36	TTG	TAA	0	0	
mORF+_916699	916699	916764	+	1	66	ATG	TGA	0	0	
mORF+_916703	916703	916720	+	2	18	TTG	TGA	0	0	
mORF+_916825	916825	916953	+	1	129	TTG	TAA	0	0	
mORF+_916892	916892	916909	+	2	18	GTG	TGA	0	0	
mORF+_916969	916969	917058	+	1	90	TTG	TGA	0	0	
mORF+_916991	916991	917017	+	2	27	ATG	TGA	0	0	
mORF+_917146	917146	917190	+	1	45	ATG	TGA	0	0	
mORF+_917242	917242	917304	+	1	63	TTG	TGA	0	0	
mORF+_917327	917327	917677	+	2	351	GTG	TAG	0	0	
mORF+_917367	917367	917384	+	3	18	GTG	TGA	0	0	
mORF+_917377	917377	917388	+	1	12	GTG	TAG	0	0	
mORF+_917458	917458	917601	+	1	144	GTG	TGA	0	0	
mORF+_917529	917529	917534	+	3	6	TTG	TAA	0	0	
mORF+_917547	917547	917567	+	3	21	TTG	TAA	0	0	
mORF+_917595	917595	917714	+	3	120	TTG	TGA	0	0	
mORF+_917681	917681	917863	+	2	183	GTG	TGA	0	0	
mORF+_917716	917716	917754	+	1	39	GTG	TAA	0	0	
mORF+_917793	917793	917993	+	3	201	GTG	TAA	0	0	
mORF+_917836	917836	917889	+	1	54	TTG	TGA	0	0	
mORF+_917924	917924	917950	+	2	27	TTG	TAA	0	0	
mORF+_917993	917993	918004	+	2	12	ATG	TAA	0	0	
mORF+_918017	918017	918088	+	2	72	TTG	TAA	0	0	
mORF+_918096	918096	918374	+	3	279	TTG	TGA	1	3	pORF+_918096
mORF+_918110	918110	918142	+	2	33	GTG	TAA	0	0	
mORF+_918194	918194	918247	+	2	54	ATG	TGA	0	0	
mORF+_918226	918226	918237	+	1	12	GTG	TAA	0	0	
mORF+_918244	918244	918258	+	1	15	GTG	TGA	0	0	
mORF+_918268	918268	918276	+	1	9	ATG	TAA	0	0	
mORF+_918325	918325	918369	+	1	45	ATG	TAG	0	0	
mORF+_918371	918371	918415	+	2	45	GTG	TGA	0	0	
mORF+_918412	918412	918546	+	1	135	TTG	TAA	0	0	
mORF+_918431	918431	919573	+	2	1143	TTG	TGA	10	27	pORF+_918431

mORF+_918438	918438	918461	+	3	24	ATG	TGA	0	0	
mORF+_918495	918495	918506	+	3	12	TTG	TGA	0	0	
mORF+_918576	918576	918674	+	3	99	TTG	TGA	0	0	
mORF+_918693	918693	918707	+	3	15	TTG	TAA	0	0	
mORF+_918732	918732	918782	+	3	51	TTG	TGA	0	0	
mORF+_918792	918792	918824	+	3	33	GTG	TGA	0	0	
mORF+_918936	918936	919073	+	3	138	TTG	TGA	0	0	
mORF+_919074	919074	919103	+	3	30	TTG	TGA	0	0	
mORF+_919155	919155	919160	+	3	6	ATG	TAA	0	0	
mORF+_919200	919200	919214	+	3	15	TTG	TGA	0	0	
mORF+_919239	919239	919334	+	3	96	ATG	TGA	0	0	
mORF+_919362	919362	919367	+	3	6	ATG	TGA	0	0	
mORF+_919371	919371	919379	+	3	9	ATG	TGA	0	0	
mORF+_919410	919410	919472	+	3	63	TTG	TGA	0	0	
mORF+_919476	919476	919541	+	3	66	TTG	TGA	0	0	
mORF+_919542	919542	919622	+	3	81	TTG	TGA	0	0	
mORF+_919570	919570	921516	+	1	1947	ATG	TAA	9	22	pORF+_919570
mORF+_919619	919619	919642	+	2	24	GTG	TGA	0	0	
mORF+_919664	919664	919720	+	2	57	ATG	TGA	0	0	
mORF+_919781	919781	919873	+	2	93	ATG	TAA	0	0	
mORF+_919889	919889	920047	+	2	159	TTG	TGA	0	0	
mORF+_920054	920054	920065	+	2	12	GTG	TAA	0	0	
mORF+_920069	920069	920119	+	2	51	TTG	TGA	0	0	
mORF+_920147	920147	920161	+	2	15	GTG	TGA	0	0	
mORF+_920231	920231	920263	+	2	33	TTG	TGA	0	0	
mORF+_920264	920264	920344	+	2	81	ATG	TGA	0	0	
mORF+_920352	920352	920375	+	3	24	ATG	TAA	0	0	
mORF+_920417	920417	920563	+	2	147	TTG	TGA	0	0	
mORF+_920598	920598	920651	+	3	54	GTG	TAA	0	0	
mORF+_920654	920654	920686	+	2	33	ATG	TGA	0	0	
mORF+_920702	920702	920716	+	2	15	ATG	TGA	0	0	
mORF+_920723	920723	920755	+	2	33	GTG	TGA	0	0	
mORF+_920762	920762	920839	+	2	78	GTG	TGA	0	0	
mORF+_920870	920870	920998	+	2	129	TTG	TGA	0	0	
mORF+_920970	920970	920978	+	3	9	GTG	TAA	0	0	
mORF+_921008	921008	921103	+	2	96	TTG	TGA	0	0	
mORF+_921110	921110	921145	+	2	36	TTG	TGA	0	0	
mORF+_921182	921182	921190	+	2	9	TTG	TAA	0	0	
mORF+_921233	921233	921253	+	2	21	TTG	TAG	0	0	
mORF+_921254	921254	921289	+	2	36	GTG	TGA	0	0	
mORF+_921306	921306	921578	+	3	273	TTG	TGA	0	0	
mORF+_921317	921317	921334	+	2	18	GTG	TAA	0	0	
mORF+_921350	921350	921496	+	2	147	TTG	TAG	0	0	
mORF+_921497	921497	921523	+	2	27	ATG	TGA	0	0	
mORF+_921520	921520	921528	+	1	9	TTG	TAA	0	0	
mORF+_921566	921566	921637	+	2	72	ATG	TGA	0	0	
mORF+_921591	921591	921626	+	3	36	ATG	TAA	0	0	
mORF+_921634	921634	921690	+	1	57	GTG	TAG	0	0	
mORF+_921638	921638	921670	+	2	33	TTG	TGA	0	0	
mORF+_921645	921645	921764	+	3	120	TTG	TGA	0	0	
mORF+_921713	921713	921724	+	2	12	ATG	TAA	0	0	
mORF+_921724	921724	921966	+	1	243	ATG	TGA	0	0	
mORF+_921761	921761	921847	+	2	87	ATG	TAA	0	0	
mORF+_921849	921849	921857	+	3	9	ATG	TAA	0	0	
mORF+_921963	921963	922037	+	3	75	ATG	TGA	0	0	
mORF+_921976	921976	922008	+	1	33	TTG	TGA	0	0	
mORF+_922012	922012	922077	+	1	66	ATG	TAA	0	0	
mORF+_922034	922034	922060	+	2	27	ATG	TAG	0	0	
mORF+_922050	922050	922133	+	3	84	ATG	TGA	0	0	
mORF+_922082	922082	922126	+	2	45	TTG	TGA	0	0	
mORF+_922123	922123	922143	+	1	21	ATG	TAA	0	0	
mORF+_922136	922136	922456	+	2	321	ATG	TGA	0	0	
mORF+_922164	922164	922202	+	3	39	TTG	TAA	0	0	

mORF_+_922236	922236	922301	+	3	66	ATG	TAG	0	0	
mORF_+_922305	922305	922319	+	3	15	GTG	TGA	0	0	
mORF_+_922351	922351	922422	+	1	72	TTG	TGA	0	0	
mORF_+_922374	922374	922400	+	3	27	TTG	TGA	0	0	
mORF_+_922419	922419	922445	+	3	27	ATG	TAG	0	0	
mORF_+_922435	922435	922554	+	1	120	GTG	TGA	0	0	
mORF_+_922457	922457	922468	+	2	12	ATG	TAA	0	0	
mORF_+_922472	922472	924763	+	2	2292	TTG	TAA	63	334	pORF_+_922472
mORF_+_922551	922551	922562	+	3	12	ATG	TGA	0	0	
mORF_+_922624	922624	922674	+	1	51	GTG	TGA	0	0	
mORF_+_922641	922641	922733	+	3	93	TTG	TGA	0	0	
mORF_+_922743	922743	922892	+	3	150	GTG	TGA	0	0	
mORF_+_922905	922905	923015	+	3	111	ATG	TGA	0	0	
mORF_+_923022	923022	923051	+	3	30	TTG	TGA	0	0	
mORF_+_923052	923052	923204	+	3	153	TTG	TGA	0	0	
mORF_+_923274	923274	923405	+	3	132	TTG	TAA	0	0	
mORF_+_923436	923436	923441	+	3	6	GTG	TAA	0	0	
mORF_+_923442	923442	923570	+	3	129	TTG	TGA	0	0	
mORF_+_923580	923580	923633	+	3	54	ATG	TAG	0	0	
mORF_+_923682	923682	923720	+	3	39	TTG	TGA	0	0	
mORF_+_923751	923751	923834	+	3	84	ATG	TGA	0	0	
mORF_+_923886	923886	923897	+	3	12	TTG	TGA	0	0	
mORF_+_923919	923919	923930	+	3	12	GTG	TAG	0	0	
mORF_+_923949	923949	923999	+	3	51	TTG	TGA	0	0	
mORF_+_924027	924027	924134	+	3	108	TTG	TGA	0	0	
mORF_+_924138	924138	924227	+	3	90	ATG	TGA	0	0	
mORF_+_924336	924336	924458	+	3	123	TTG	TGA	0	0	
mORF_+_924516	924516	924533	+	3	18	GTG	TGA	0	0	
mORF_+_924603	924603	924623	+	3	21	GTG	TGA	0	0	
mORF_+_924651	924651	924713	+	3	63	TTG	TGA	0	0	
mORF_+_924729	924729	924779	+	3	51	GTG	TAG	0	0	
mORF_+_924769	924769	924858	+	1	90	TTG	TAA	0	0	
mORF_+_924831	924831	924878	+	3	48	GTG	TGA	0	0	
mORF_+_924872	924872	924901	+	2	30	TTG	TAA	0	0	
mORF_+_924885	924885	924968	+	3	84	GTG	TAG	0	0	
mORF_+_924914	924914	924949	+	2	36	GTG	TAA	0	0	
mORF_+_924972	924972	925103	+	3	132	TTG	TAA	0	0	
mORF_+_925034	925034	925306	+	2	273	ATG	TAA	0	0	
mORF_+_925141	925141	925257	+	1	117	TTG	TAA	0	0	
mORF_+_925203	925203	925244	+	3	42	TTG	TAG	0	0	
mORF_+_925278	925278	925385	+	3	108	ATG	TAA	0	0	
mORF_+_925288	925288	925398	+	1	111	TTG	TAA	0	0	
mORF_+_925467	925467	925538	+	3	72	ATG	TAG	0	0	
mORF_+_925542	925542	925580	+	3	39	TTG	TGA	0	0	
mORF_+_925562	925562	925591	+	2	30	GTG	TAA	0	0	
mORF_+_925564	925564	925572	+	1	9	GTG	TAA	0	0	
mORF_+_925605	925605	925670	+	3	66	ATG	TAA	0	0	
mORF_+_925637	925637	925699	+	2	63	TTG	TGA	0	0	
mORF_+_925696	925696	925728	+	1	33	TTG	TAA	0	0	
mORF_+_925712	925712	925732	+	2	21	ATG	TAA	0	0	
mORF_+_925741	925741	925839	+	1	99	TTG	TAA	0	0	
mORF_+_925843	925843	925857	+	1	15	ATG	TGA	0	0	
mORF_+_925888	925888	925965	+	1	78	ATG	TGA	0	0	
mORF_+_925938	925938	926024	+	3	87	GTG	TGA	0	0	
mORF_+_926017	926017	926202	+	1	186	TTG	TAG	0	0	
mORF_+_926021	926021	926029	+	2	9	TTG	TAA	0	0	
mORF_+_926070	926070	926087	+	3	18	ATG	TAA	0	0	
mORF_+_926075	926075	926080	+	2	6	GTG	TGA	0	0	
mORF_+_926183	926183	926287	+	2	105	ATG	TGA	0	0	
mORF_+_926266	926266	926445	+	1	180	GTG	TGA	0	0	
mORF_+_926318	926318	926368	+	2	51	GTG	TGA	0	0	
mORF_+_926387	926387	926398	+	2	12	GTG	TAG	0	0	
mORF_+_926442	926442	926558	+	3	117	GTG	TAA	0	0	

mORF+_926489	926489	926533	+	2	45	ATG	TAA	0	0
mORF+_926571	926571	926588	+	3	18	GTG	TAG	0	0
mORF+_926598	926598	926657	+	3	60	ATG	TGA	0	0
mORF+_926629	926629	926721	+	1	93	ATG	TAA	0	0
mORF+_926654	926654	926692	+	2	39	ATG	TAA	0	0
mORF+_926751	926751	926840	+	3	90	GTG	TAA	0	0
mORF+_926779	926779	927159	+	1	381	TTG	TGA	0	0
mORF+_926894	926894	926917	+	2	24	TTG	TAG	0	0
mORF+_926936	926936	926968	+	2	33	GTG	TAG	0	0
mORF+_926946	926946	926951	+	3	6	ATG	TAA	0	0
mORF+_927147	927147	927185	+	3	39	ATG	TAG	0	0
mORF+_927172	927172	927336	+	1	165	ATG	TGA	0	0
mORF+_927240	927240	927272	+	3	33	TTG	TAA	0	0
mORF+_927251	927251	927352	+	2	102	ATG	TAA	0	0
mORF+_927315	927315	927398	+	3	84	ATG	TAA	0	0
mORF+_927353	927353	927382	+	2	30	GTG	TGA	0	0
mORF+_927379	927379	927387	+	1	9	GTG	TGA	0	0
mORF+_927429	927429	927470	+	3	42	TTG	TAA	0	0
mORF+_927445	927445	927462	+	1	18	GTG	TGA	0	0
mORF+_927496	927496	927516	+	1	21	ATG	TGA	0	0
mORF+_927501	927501	927557	+	3	57	TTG	TAA	0	0
mORF+_927518	927518	927661	+	2	144	ATG	TGA	0	0
mORF+_927594	927594	927650	+	3	57	TTG	TAA	0	0
mORF+_927601	927601	927702	+	1	102	TTG	TGA	0	0
mORF+_927675	927675	927743	+	3	69	TTG	TAG	0	0
mORF+_927683	927683	927913	+	2	231	ATG	TAA	0	0
mORF+_927744	927744	927908	+	3	165	TTG	TAA	0	0
mORF+_927748	927748	927756	+	1	9	GTG	TAA	0	0
mORF+_927775	927775	927840	+	1	66	ATG	TGA	0	0
mORF+_927856	927856	927876	+	1	21	GTG	TAA	0	0
mORF+_927913	927913	928020	+	1	108	ATG	TAA	0	0
mORF+_927962	927962	927976	+	2	15	TTG	TAA	0	0
mORF+_928023	928023	928238	+	3	216	ATG	TAG	0	0
mORF+_928057	928057	928074	+	1	18	TTG	TGA	0	0
mORF+_928114	928114	928128	+	1	15	TTG	TAA	0	0
mORF+_928129	928129	928167	+	1	39	ATG	TGA	0	0
mORF+_928204	928204	928245	+	1	42	GTG	TAG	0	0
mORF+_928208	928208	928249	+	2	42	TTG	TGA	0	0
mORF+_928246	928246	928380	+	1	135	TTG	TGA	0	0
mORF+_928307	928307	928504	+	2	198	GTG	TAA	0	0
mORF+_928377	928377	928406	+	3	30	ATG	TAG	0	0
mORF+_928437	928437	928448	+	3	12	ATG	TAA	0	0
mORF+_928450	928450	928488	+	1	39	GTG	TAA	0	0
mORF+_928494	928494	928556	+	3	63	TTG	TAA	0	0
mORF+_928528	928528	928632	+	1	105	ATG	TGA	0	0
mORF+_928560	928560	928574	+	3	15	GTG	TAA	0	0
mORF+_928577	928577	928795	+	2	219	TTG	TGA	0	0
mORF+_928629	928629	928667	+	3	39	GTG	TAA	0	0
mORF+_928767	928767	928784	+	3	18	TTG	TAG	0	0
mORF+_928818	928818	928823	+	3	6	TTG	TAA	0	0
mORF+_928827	928827	928856	+	3	30	TTG	TAG	0	0
mORF+_928871	928871	928963	+	2	93	ATG	TGA	0	0
mORF+_928887	928887	928928	+	3	42	TTG	TGA	0	0
mORF+_928960	928960	928980	+	1	21	TTG	TGA	0	0
mORF+_928982	928982	929074	+	2	93	ATG	TAA	0	0
mORF+_929055	929055	929162	+	3	108	TTG	TAA	0	0
mORF+_929113	929113	929253	+	1	141	GTG	TGA	0	0
mORF+_929156	929156	929206	+	2	51	ATG	TAA	0	0
mORF+_929178	929178	929276	+	3	99	TTG	TAA	0	0
mORF+_929276	929276	929419	+	2	144	ATG	TAA	0	0
mORF+_929346	929346	929408	+	3	63	GTG	TGA	0	0
mORF+_929431	929431	929769	+	1	339	ATG	TAG	0	0
mORF+_929468	929468	929617	+	2	150	TTG	TAG	0	0

mORF+_929475	929475	929585	+	3	111	TTG	TAA	0	0	
mORF+_929666	929666	929686	+	2	21	GTG	TGA	0	0	
mORF+_929714	929714	929989	+	2	276	TTG	TAA	0	0	
mORF+_929757	929757	929942	+	3	186	TTG	TAA	0	0	
mORF+_929893	929893	929922	+	1	30	ATG	TGA	0	0	
mORF+_930033	930033	930149	+	3	117	ATG	TAA	0	0	
mORF+_930052	930052	930171	+	1	120	ATG	TGA	0	0	
mORF+_930168	930168	930203	+	3	36	TTG	TGA	0	0	
mORF+_930185	930185	930196	+	2	12	TTG	TAG	0	0	
mORF+_930200	930200	930250	+	2	51	GTG	TAA	0	0	
mORF+_930228	930228	930263	+	3	36	ATG	TAG	0	0	
mORF+_930268	930268	930384	+	1	117	ATG	TAA	0	0	
mORF+_930300	930300	930305	+	3	6	TTG	TAA	0	0	
mORF+_930360	930360	930398	+	3	39	ATG	TAA	0	0	
mORF+_930399	930399	930404	+	3	6	ATG	TGA	0	0	
mORF+_930401	930401	930574	+	2	174	GTG	TGA	0	0	
mORF+_930438	930438	930464	+	3	27	ATG	TGA	0	0	
mORF+_930480	930480	930488	+	3	9	TTG	TAG	0	0	
mORF+_930571	930571	930621	+	1	51	GTG	TGA	0	0	
mORF+_930579	930579	930632	+	3	54	ATG	TGA	0	0	
mORF+_930593	930593	931081	+	2	489	TTG	TAA	0	0	
mORF+_930660	930660	930749	+	3	90	TTG	TGA	0	0	
mORF+_930771	930771	930845	+	3	75	ATG	TAG	0	0	
mORF+_930862	930862	930891	+	1	30	TTG	TAA	0	0	
mORF+_930922	930922	930945	+	1	24	GTG	TAA	0	0	
mORF+_930936	930936	931025	+	3	90	GTG	TGA	0	0	
mORF+_931032	931032	931205	+	3	174	ATG	TAG	0	0	
mORF+_931102	931102	931170	+	1	69	TTG	TAA	0	0	
mORF+_931145	931145	931234	+	2	90	TTG	TGA	0	0	
mORF+_931215	931215	931286	+	3	72	GTG	TAG	0	0	
mORF+_931256	931256	931315	+	2	60	GTG	TAG	0	0	
mORF+_931287	931287	931385	+	3	99	TTG	TAA	0	0	
mORF+_931300	931300	931332	+	1	33	ATG	TAA	0	0	
mORF+_931342	931342	931455	+	1	114	ATG	TGA	0	0	
mORF+_931364	931364	931426	+	2	63	GTG	TAA	0	0	
mORF+_931452	931452	931475	+	3	24	ATG	TAA	0	0	
mORF+_931475	931475	931519	+	2	45	ATG	TGA	0	0	
mORF+_931488	931488	931499	+	3	12	ATG	TAA	0	0	
mORF+_931506	931506	931718	+	3	213	ATG	TGA	0	0	
mORF+_931516	931516	931656	+	1	141	TTG	TGA	0	0	
mORF+_931535	931535	931585	+	2	51	TTG	TAA	0	0	
mORF+_931592	931592	931597	+	2	6	ATG	TAA	0	0	
mORF+_931631	931631	931696	+	2	66	ATG	TAG	0	0	
mORF+_931706	931706	931744	+	2	39	TTG	TGA	0	0	
mORF+_931725	931725	931751	+	3	27	ATG	TAG	0	0	
mORF+_931741	931741	931767	+	1	27	GTG	TGA	0	0	
mORF+_931764	931764	932312	+	3	549	GTG	TAA	45	846	pORF+_931764
mORF+_931879	931879	932064	+	1	186	ATG	TGA	0	0	
mORF+_931949	931949	931957	+	2	9	GTG	TGA	0	0	
mORF+_932068	932068	932142	+	1	75	GTG	TAG	0	0	
mORF+_932132	932132	932152	+	2	21	GTG	TGA	0	0	
mORF+_932149	932149	932169	+	1	21	GTG	TGA	0	0	
mORF+_932242	932242	932385	+	1	144	ATG	TAA	0	0	
mORF+_932396	932396	932431	+	2	36	TTG	TAA	0	0	
mORF+_932447	932447	936436	+	2	3990	TTG	TAA	11	46	pORF+_932447
mORF+_932463	932463	932486	+	3	24	TTG	TGA	0	0	
mORF+_932535	932535	932558	+	3	24	TTG	TGA	0	0	
mORF+_932616	932616	932636	+	3	21	ATG	TAG	0	0	
mORF+_932637	932637	932690	+	3	54	GTG	TGA	0	0	
mORF+_932653	932653	932769	+	1	117	GTG	TGA	0	0	
mORF+_932715	932715	932897	+	3	183	TTG	TAA	0	0	
mORF+_932940	932940	932972	+	3	33	TTG	TGA	0	0	
mORF+_932956	932956	933009	+	1	54	TTG	TGA	0	0	

mORF+_933003	933003	933032	+	3	30	TTG	TAA	0	0	
mORF+_933069	933069	933179	+	3	111	ATG	TAG	0	0	
mORF+_933264	933264	933380	+	3	117	ATG	TAA	0	0	
mORF+_933384	933384	933413	+	3	30	GTG	TAG	0	0	
mORF+_933456	933456	933467	+	3	12	TTG	TGA	0	0	
mORF+_933483	933483	933521	+	3	39	TTG	TAG	0	0	
mORF+_933564	933564	933896	+	3	333	TTG	TAG	0	0	
mORF+_933933	933933	934040	+	3	108	TTG	TGA	0	0	
mORF+_934053	934053	934073	+	3	21	TTG	TAG	0	0	
mORF+_934149	934149	934466	+	3	318	TTG	TAA	0	0	
mORF+_934476	934476	934604	+	3	129	ATG	TGA	0	0	
mORF+_934617	934617	934919	+	3	303	ATG	TGA	0	0	
mORF+_934926	934926	934985	+	3	60	ATG	TGA	0	0	
mORF+_935022	935022	935132	+	3	111	TTG	TGA	0	0	
mORF+_935184	935184	935249	+	3	66	TTG	TAG	0	0	
mORF+_935367	935367	935450	+	3	84	GTG	TGA	0	0	
mORF+_935493	935493	935510	+	3	18	ATG	TGA	0	0	
mORF+_935541	935541	935564	+	3	24	ATG	TAA	0	0	
mORF+_935589	935589	935645	+	3	57	ATG	TGA	0	0	
mORF+_935611	935611	935619	+	1	9	GTG	TAA	0	0	
mORF+_935658	935658	935711	+	3	54	GTG	TGA	0	0	
mORF+_935745	935745	935777	+	3	33	GTG	TGA	0	0	
mORF+_935793	935793	935825	+	3	33	TTG	TGA	0	0	
mORF+_935883	935883	935948	+	3	66	GTG	TGA	0	0	
mORF+_935997	935997	936440	+	3	444	TTG	TAA	2	16	pORF+_935997
mORF+_936440	936440	936469	+	2	30	ATG	TAG	0	0	
mORF+_936572	936572	936580	+	2	9	GTG	TAA	0	0	
mORF+_936582	936582	936659	+	3	78	TTG	TGA	0	0	
mORF+_936592	936592	937206	+	1	615	ATG	TAG	31	214	pORF+_936592
mORF+_936605	936605	936637	+	2	33	TTG	TAG	0	0	
mORF+_936659	936659	936676	+	2	18	ATG	TGA	0	0	
mORF+_936774	936774	936821	+	3	48	GTG	TGA	0	0	
mORF+_936821	936821	936901	+	2	81	ATG	TGA	0	0	
mORF+_936855	936855	936866	+	3	12	GTG	TAA	0	0	
mORF+_936905	936905	936934	+	2	30	ATG	TGA	0	0	
mORF+_936935	936935	937003	+	2	69	TTG	TGA	0	0	
mORF+_937019	937019	937030	+	2	12	ATG	TGA	0	0	
mORF+_937055	937055	937120	+	2	66	GTG	TGA	0	0	
mORF+_937133	937133	937189	+	2	57	ATG	TAG	0	0	
mORF+_937190	937190	937216	+	2	27	ATG	TGA	0	0	
mORF+_937217	937217	938560	+	2	1344	GTG	TAA	6	14	pORF+_937217
mORF+_937425	937425	937481	+	3	57	TTG	TGA	0	0	
mORF+_937524	937524	937703	+	3	180	ATG	TGA	0	0	
mORF+_937725	937725	937739	+	3	15	TTG	TAA	0	0	
mORF+_937764	937764	937829	+	3	66	GTG	TGA	0	0	
mORF+_937830	937830	937853	+	3	24	ATG	TAA	0	0	
mORF+_937890	937890	937913	+	3	24	ATG	TGA	0	0	
mORF+_937941	937941	937991	+	3	51	GTG	TGA	0	0	
mORF+_938016	938016	938354	+	3	339	GTG	TAA	0	0	
mORF+_938173	938173	938205	+	1	33	TTG	TGA	0	0	
mORF+_938394	938394	938447	+	3	54	ATG	TAG	0	0	
mORF+_938484	938484	938546	+	3	63	TTG	TAA	0	0	
mORF+_938560	938560	938577	+	1	18	ATG	TAA	0	0	
mORF+_938577	938577	938648	+	3	72	ATG	TAA	0	0	
mORF+_938596	938596	938637	+	1	42	GTG	TAA	0	0	
mORF+_938609	938609	938629	+	2	21	GTG	TAA	0	0	
mORF+_938651	938651	939943	+	2	1293	ATG	TAA	105	1614	pORF+_938651
mORF+_938676	938676	938732	+	3	57	ATG	TAG	0	0	
mORF+_938748	938748	938876	+	3	129	TTG	TGA	0	0	
mORF+_938898	938898	938954	+	3	57	ATG	TGA	0	0	
mORF+_938976	938976	938990	+	3	15	ATG	TAG	0	0	
mORF+_939003	939003	939071	+	3	69	ATG	TGA	0	0	
mORF+_939078	939078	939122	+	3	45	GTG	TGA	0	0	

mORF+_939135	939135	939143	+	3	9	TTG	TAA	0	0	
mORF+_939156	939156	939353	+	3	198	TTG	TGA	0	0	
mORF+_939393	939393	939431	+	3	39	GTG	TGA	0	0	
mORF+_939445	939445	939459	+	1	15	ATG	TGA	0	0	
mORF+_939471	939471	939494	+	3	24	ATG	TGA	0	0	
mORF+_939519	939519	939575	+	3	57	TTG	TGA	0	0	
mORF+_939582	939582	939815	+	3	234	ATG	TGA	0	0	
mORF+_939634	939634	939714	+	1	81	TTG	TGA	0	0	
mORF+_939736	939736	939879	+	1	144	TTG	TGA	0	0	
mORF+_939834	939834	939857	+	3	24	TTG	TAA	0	0	
mORF+_939879	939879	939920	+	3	42	ATG	TGA	0	0	
mORF+_939936	939936	939959	+	3	24	TTG	TGA	0	0	
mORF+_939988	939988	940014	+	1	27	TTG	TAA	0	0	
mORF+_939998	939998	940051	+	2	54	TTG	TGA	0	0	
mORF+_940048	940048	940071	+	1	24	GTG	TGA	0	0	
mORF+_940068	940068	940106	+	3	39	TTG	TAG	0	0	
mORF+_940087	940087	940119	+	1	33	ATG	TAG	0	0	
mORF+_940140	940140	940175	+	3	36	TTG	TGA	0	0	
mORF+_940168	940168	940185	+	1	18	TTG	TGA	0	0	
mORF+_940172	940172	940201	+	2	30	GTG	TGA	0	0	
mORF+_940182	940182	942626	+	3	2445	ATG	TAA	7	20	pORF+_940182
mORF+_940201	940201	940224	+	1	24	ATG	TGA	0	0	
mORF+_940231	940231	940242	+	1	12	GTG	TAA	0	0	
mORF+_940306	940306	940542	+	1	237	TTG	TGA	0	0	
mORF+_940573	940573	940644	+	1	72	GTG	TGA	0	0	
mORF+_940681	940681	940710	+	1	30	ATG	TGA	0	0	
mORF+_940807	940807	940821	+	1	15	TTG	TGA	0	0	
mORF+_940846	940846	940887	+	1	42	ATG	TAG	0	0	
mORF+_940894	940894	940923	+	1	30	TTG	TGA	0	0	
mORF+_940924	940924	940938	+	1	15	GTG	TGA	0	0	
mORF+_940948	940948	940983	+	1	36	TTG	TGA	0	0	
mORF+_941014	941014	941094	+	1	81	GTG	TGA	0	0	
mORF+_941033	941033	941074	+	2	42	GTG	TAA	0	0	
mORF+_941135	941135	941152	+	2	18	TTG	TGA	0	0	
mORF+_941140	941140	941403	+	1	264	TTG	TGA	0	0	
mORF+_941243	941243	941299	+	2	57	ATG	TGA	0	0	
mORF+_941336	941336	941359	+	2	24	ATG	TAA	0	0	
mORF+_941413	941413	941556	+	1	144	TTG	TGA	0	0	
mORF+_941522	941522	941539	+	2	18	GTG	TGA	0	0	
mORF+_941566	941566	941613	+	1	48	GTG	TGA	0	0	
mORF+_941623	941623	941640	+	1	18	ATG	TGA	0	0	
mORF+_941671	941671	941706	+	1	36	ATG	TGA	0	0	
mORF+_941696	941696	941752	+	2	57	GTG	TGA	0	0	
mORF+_941707	941707	941730	+	1	24	TTG	TGA	0	0	
mORF+_941746	941746	941832	+	1	87	ATG	TGA	0	0	
mORF+_941863	941863	941889	+	1	27	TTG	TGA	0	0	
mORF+_941867	941867	941872	+	2	6	ATG	TAA	0	0	
mORF+_941911	941911	942111	+	1	201	TTG	TGA	0	0	
mORF+_941954	941954	941998	+	2	45	GTG	TGA	0	0	
mORF+_942130	942130	942195	+	1	66	TTG	TGA	0	0	
mORF+_942226	942226	942249	+	1	24	TTG	TGA	0	0	
mORF+_942319	942319	942330	+	1	12	TTG	TGA	0	0	
mORF+_942338	942338	942370	+	2	33	TTG	TGA	0	0	
mORF+_942367	942367	942453	+	1	87	TTG	TGA	0	0	
mORF+_942472	942472	942552	+	1	81	GTG	TGA	0	0	
mORF+_942536	942536	942544	+	2	9	TTG	TAA	0	0	
mORF+_942604	942604	942633	+	1	30	TTG	TAA	0	0	
mORF+_942637	942637	943254	+	1	618	ATG	TGA	3	36	pORF+_942637
mORF+_942650	942650	942727	+	2	78	ATG	TGA	0	0	
mORF+_942675	942675	942710	+	3	36	TTG	TAA	0	0	
mORF+_942755	942755	943006	+	2	252	ATG	TGA	0	0	
mORF+_942834	942834	942839	+	3	6	ATG	TAA	0	0	
mORF+_942858	942858	942866	+	3	9	TTG	TAA	0	0	

mORF+_942930	942930	942986	+	3	57	GTG	TAA	0	0
mORF+_943011	943011	943028	+	3	18	ATG	TGA	0	0
mORF+_943016	943016	943183	+	2	168	ATG	TGA	0	0
mORF+_943068	943068	943115	+	3	48	TTG	TAA	0	0
mORF+_943193	943193	944119	+	2	927	ATG	TAA	0	0
mORF+_943251	943251	943286	+	3	36	GTG	TGA	0	0
mORF+_943267	943267	943275	+	1	9	ATG	TGA	0	0
mORF+_943276	943276	943476	+	1	201	ATG	TAA	0	0
mORF+_943311	943311	943316	+	3	6	GTG	TAG	0	0
mORF+_943320	943320	943418	+	3	99	GTG	TGA	0	0
mORF+_943425	943425	943493	+	3	69	TTG	TAG	0	0
mORF+_943539	943539	943547	+	3	9	TTG	TAG	0	0
mORF+_943606	943606	943668	+	1	63	GTG	TAA	0	0
mORF+_943629	943629	943652	+	3	24	TTG	TGA	0	0
mORF+_943659	943659	943727	+	3	69	GTG	TGA	0	0
mORF+_943785	943785	943835	+	3	51	ATG	TAG	0	0
mORF+_943839	943839	943856	+	3	18	GTG	TGA	0	0
mORF+_943923	943923	943934	+	3	12	ATG	TGA	0	0
mORF+_943962	943962	943994	+	3	33	TTG	TAA	0	0
mORF+_943969	943969	944181	+	1	213	GTG	TAA	0	0
mORF+_944079	944079	944093	+	3	15	ATG	TGA	0	0
mORF+_944209	944209	944541	+	1	333	ATG	TAA	0	0
mORF+_944211	944211	944363	+	3	153	GTG	TGA	0	0
mORF+_944288	944288	944344	+	2	57	ATG	TAA	0	0
mORF+_944420	944420	944455	+	2	36	ATG	TAA	0	0
mORF+_944543	944543	944590	+	2	48	GTG	TAG	0	0
mORF+_944556	944556	944579	+	3	24	TTG	TAA	0	0
mORF+_944608	944608	944724	+	1	117	GTG	TGA	0	0
mORF+_944621	944621	944632	+	2	12	TTG	TGA	0	0
mORF+_944721	944721	944852	+	3	132	GTG	TAG	0	0
mORF+_944773	944773	944844	+	1	72	TTG	TGA	0	0
mORF+_944831	944831	944896	+	2	66	ATG	TGA	0	0
mORF+_944862	944862	944876	+	3	15	ATG	TGA	0	0
mORF+_944906	944906	944929	+	2	24	ATG	TAA	0	0
mORF+_944913	944913	944921	+	3	9	TTG	TAG	0	0
mORF+_944940	944940	944975	+	3	36	ATG	TGA	0	0
mORF+_944972	944972	944983	+	2	12	ATG	TAA	0	0
mORF+_944976	944976	944996	+	3	21	ATG	TAA	0	0
mORF+_945030	945030	945056	+	3	27	TTG	TGA	0	0
mORF+_945053	945053	945148	+	2	96	ATG	TGA	0	0
mORF+_945069	945069	945290	+	3	222	TTG	TAA	0	0
mORF+_945094	945094	946242	+	1	1149	ATG	TAA	0	0
mORF+_945158	945158	945169	+	2	12	TTG	TAA	0	0
mORF+_945227	945227	945274	+	2	48	TTG	TGA	0	0
mORF+_945281	945281	945364	+	2	84	ATG	TGA	0	0
mORF+_945368	945368	945424	+	2	57	TTG	TGA	0	0
mORF+_945390	945390	945440	+	3	51	TTG	TGA	0	0
mORF+_945434	945434	945451	+	2	18	TTG	TGA	0	0
mORF+_945453	945453	945473	+	3	21	GTG	TAA	0	0
mORF+_945458	945458	945502	+	2	45	GTG	TGA	0	0
mORF+_945579	945579	945650	+	3	72	GTG	TGA	0	0
mORF+_945629	945629	945637	+	2	9	GTG	TGA	0	0
mORF+_945656	945656	945685	+	2	30	ATG	TAA	0	0
mORF+_945704	945704	945712	+	2	9	TTG	TGA	0	0
mORF+_945713	945713	945760	+	2	48	ATG	TGA	0	0
mORF+_945794	945794	946060	+	2	267	ATG	TGA	0	0
mORF+_945849	945849	945875	+	3	27	ATG	TAA	0	0
mORF+_946017	946017	946037	+	3	21	ATG	TGA	0	0
mORF+_946100	946100	946126	+	2	27	TTG	TAA	0	0
mORF+_946229	946229	946246	+	2	18	TTG	TGA	0	0
mORF+_946243	946243	946263	+	1	21	ATG	TGA	0	0
mORF+_946260	946260	947882	+	3	1623	GTG	TAA	0	0
mORF+_946289	946289	946360	+	2	72	TTG	TAA	0	0

mORF_+_946345	946345	946404	+	1	60	GTG	TAA	0	0	
mORF_+_946420	946420	946431	+	1	12	ATG	TAA	0	0	
mORF_+_946462	946462	946503	+	1	42	ATG	TGA	0	0	
mORF_+_946484	946484	946543	+	2	60	ATG	TAA	0	0	
mORF_+_946528	946528	946623	+	1	96	TTG	TAA	0	0	
mORF_+_946580	946580	946684	+	2	105	ATG	TAA	0	0	
mORF_+_946624	946624	946638	+	1	15	TTG	TAG	0	0	
mORF_+_946654	946654	946779	+	1	126	ATG	TGA	0	0	
mORF_+_946721	946721	946999	+	2	279	GTG	TGA	0	0	
mORF_+_946780	946780	946800	+	1	21	TTG	TGA	0	0	
mORF_+_946885	946885	946902	+	1	18	TTG	TGA	0	0	
mORF_+_946936	946936	946980	+	1	45	TTG	TAA	0	0	
mORF_+_947008	947008	947184	+	1	177	TTG	TGA	0	0	
mORF_+_947171	947171	947236	+	2	66	ATG	TGA	0	0	
mORF_+_947188	947188	947229	+	1	42	TTG	TGA	0	0	
mORF_+_947233	947233	947262	+	1	30	TTG	TAA	0	0	
mORF_+_947344	947344	947367	+	1	24	TTG	TAG	0	0	
mORF_+_947386	947386	947412	+	1	27	TTG	TAG	0	0	
mORF_+_947413	947413	947493	+	1	81	GTG	TGA	0	0	
mORF_+_947447	947447	947479	+	2	33	ATG	TAA	0	0	
mORF_+_947539	947539	947550	+	1	12	TTG	TGA	0	0	
mORF_+_947564	947564	947581	+	2	18	ATG	TAA	0	0	
mORF_+_947609	947609	947659	+	2	51	ATG	TAA	0	0	
mORF_+_947617	947617	947700	+	1	84	TTG	TGA	0	0	
mORF_+_947711	947711	947866	+	2	156	TTG	TAA	0	0	
mORF_+_947719	947719	947745	+	1	27	TTG	TGA	0	0	
mORF_+_947806	947806	947832	+	1	27	ATG	TAG	0	0	
mORF_+_947886	947886	948035	+	3	150	TTG	TAA	0	0	
mORF_+_947888	947888	948061	+	2	174	GTG	TGA	0	0	
mORF_+_948007	948007	948072	+	1	66	GTG	TAG	0	0	
mORF_+_948136	948136	948207	+	1	72	ATG	TAA	0	0	
mORF_+_948170	948170	948232	+	2	63	TTG	TAA	0	0	
mORF_+_948177	948177	948299	+	3	123	TTG	TAA	0	0	
mORF_+_948256	948256	948561	+	1	306	TTG	TGA	0	0	
mORF_+_948266	948266	948328	+	2	63	TTG	TGA	0	0	
mORF_+_948381	948381	948461	+	3	81	TTG	TAA	0	0	
mORF_+_948410	948410	948415	+	2	6	TTG	TGA	0	0	
mORF_+_948443	948443	948448	+	2	6	GTG	TGA	0	0	
mORF_+_948479	948479	948502	+	2	24	GTG	TGA	0	0	
mORF_+_948521	948521	948556	+	2	36	GTG	TGA	0	0	
mORF_+_948632	948632	948643	+	2	12	TTG	TGA	0	0	
mORF_+_948640	948640	948741	+	1	102	TTG	TGA	0	0	
mORF_+_948663	948663	948707	+	3	45	TTG	TAA	0	0	
mORF_+_948671	948671	948679	+	2	9	GTG	TAA	0	0	
mORF_+_948738	948738	948794	+	3	57	TTG	TAG	0	0	
mORF_+_948763	948763	948945	+	1	183	GTG	TGA	0	0	
mORF_+_948794	948794	948811	+	2	18	GTG	TAA	0	0	
mORF_+_948842	948842	948856	+	2	15	ATG	TAA	0	0	
mORF_+_948858	948858	948875	+	3	18	GTG	TAA	0	0	
mORF_+_948891	948891	949481	+	3	591	ATG	TAA	3	7	pORF_+_948891
mORF_+_948917	948917	948937	+	2	21	ATG	TGA	0	0	
mORF_+_948955	948955	949002	+	1	48	TTG	TGA	0	0	
mORF_+_949054	949054	949140	+	1	87	ATG	TAG	0	0	
mORF_+_949160	949160	949198	+	2	39	GTG	TGA	0	0	
mORF_+_949195	949195	949326	+	1	132	TTG	TAA	0	0	
mORF_+_949205	949205	949213	+	2	9	ATG	TAA	0	0	
mORF_+_949262	949262	949366	+	2	105	TTG	TGA	0	0	
mORF_+_949357	949357	949470	+	1	114	TTG	TAG	0	0	
mORF_+_949388	949388	949393	+	2	6	GTG	TAA	0	0	
mORF_+_949471	949471	949491	+	1	21	ATG	TAA	0	0	
mORF_+_949485	949485	949502	+	3	18	GTG	TAG	0	0	
mORF_+_949507	949507	949566	+	1	60	ATG	TAG	0	0	
mORF_+_949544	949544	949639	+	2	96	TTG	TAA	0	0	

mORF+_949578	949578	949766	+	3	189	ATG	TGA	0	0	
mORF+_949597	949597	949701	+	1	105	ATG	TAG	0	0	
mORF+_949667	949667	949744	+	2	78	TTG	TAA	0	0	
mORF+_949726	949726	949803	+	1	78	TTG	TAG	0	0	
mORF+_949825	949825	949968	+	1	144	TTG	TAA	0	0	
mORF+_949860	949860	950300	+	3	441	GTG	TGA	0	0	
mORF+_949984	949984	950004	+	1	21	TTG	TGA	0	0	
mORF+_950005	950005	950118	+	1	114	ATG	TAG	0	0	
mORF+_950060	950060	950083	+	2	24	TTG	TAA	0	0	
mORF+_950170	950170	950193	+	1	24	GTG	TGA	0	0	
mORF+_950230	950230	950283	+	1	54	GTG	TGA	0	0	
mORF+_950284	950284	950334	+	1	51	ATG	TGA	0	0	
mORF+_950303	950303	950392	+	2	90	TTG	TAA	0	0	
mORF+_950322	950322	950399	+	3	78	GTG	TAG	0	0	
mORF+_950377	950377	950403	+	1	27	TTG	TAG	0	0	
mORF+_950445	950445	950507	+	3	63	GTG	TGA	0	0	
mORF+_950504	950504	952756	+	2	2253	TTG	TAA	1	2	pORF+_950504
mORF+_950508	950508	950573	+	3	66	GTG	TAG	0	0	
mORF+_950586	950586	950669	+	3	84	ATG	TGA	0	0	
mORF+_950679	950679	950702	+	3	24	ATG	TAA	0	0	
mORF+_950683	950683	950772	+	1	90	ATG	TAG	0	0	
mORF+_950724	950724	950783	+	3	60	TTG	TAG	0	0	
mORF+_950919	950919	950975	+	3	57	GTG	TGA	0	0	
mORF+_950997	950997	951011	+	3	15	GTG	TGA	0	0	
mORF+_951021	951021	951260	+	3	240	ATG	TAG	0	0	
mORF+_951160	951160	951222	+	1	63	TTG	TAA	0	0	
mORF+_951267	951267	951281	+	3	15	TTG	TAG	0	0	
mORF+_951285	951285	951335	+	3	51	ATG	TGA	0	0	
mORF+_951295	951295	951303	+	1	9	GTG	TGA	0	0	
mORF+_951339	951339	951362	+	3	24	ATG	TAG	0	0	
mORF+_951378	951378	951536	+	3	159	TTG	TAG	0	0	
mORF+_951439	951439	951531	+	1	93	TTG	TAG	0	0	
mORF+_951543	951543	951971	+	3	429	TTG	TGA	0	0	
mORF+_951772	951772	951849	+	1	78	TTG	TGA	0	0	
mORF+_951955	951955	951978	+	1	24	TTG	TAA	0	0	
mORF+_952026	952026	952052	+	3	27	TTG	TAG	0	0	
mORF+_952173	952173	952205	+	3	33	GTG	TAG	0	0	
mORF+_952180	952180	952245	+	1	66	GTG	TGA	0	0	
mORF+_952242	952242	952322	+	3	81	ATG	TAA	0	0	
mORF+_952261	952261	952365	+	1	105	ATG	TGA	0	0	
mORF+_952341	952341	952346	+	3	6	TTG	TGA	0	0	
mORF+_952362	952362	952514	+	3	153	GTG	TAG	0	0	
mORF+_952530	952530	952574	+	3	45	GTG	TGA	0	0	
mORF+_952575	952575	952679	+	3	105	GTG	TAG	0	0	
mORF+_952689	952689	952781	+	3	93	ATG	TAA	0	0	
mORF+_952797	952797	952835	+	3	39	GTG	TAA	0	0	
mORF+_952835	952835	953242	+	2	408	ATG	TAG	0	0	
mORF+_952860	952860	952961	+	3	102	ATG	TGA	0	0	
mORF+_952870	952870	952902	+	1	33	ATG	TAA	0	0	
mORF+_952975	952975	953046	+	1	72	GTG	TAA	0	0	
mORF+_953049	953049	953144	+	3	96	ATG	TAA	0	0	
mORF+_953053	953053	953109	+	1	57	TTG	TAA	0	0	
mORF+_953176	953176	953208	+	1	33	TTG	TAA	0	0	
mORF+_953223	953223	953261	+	3	39	TTG	TGA	0	0	
mORF+_953258	953258	953299	+	2	42	TTG	TAA	0	0	
mORF+_953266	953266	953376	+	1	111	TTG	TGA	0	0	
mORF+_953328	953328	953339	+	3	12	TTG	TAG	0	0	
mORF+_953373	953373	953537	+	3	165	GTG	TAG	0	0	
mORF+_953488	953488	953532	+	1	45	TTG	TGA	0	0	
mORF+_953545	953545	953559	+	1	15	ATG	TGA	0	0	
mORF+_953556	953556	953585	+	3	30	ATG	TAG	0	0	
mORF+_953600	953600	953662	+	2	63	ATG	TAA	0	0	
mORF+_953608	953608	953694	+	1	87	TTG	TAA	0	0	

mORF_+_953640	953640	953741	+	3	102	TTG	TAG	0	0	
mORF_+_953742	953742	953753	+	3	12	ATG	TGA	0	0	
mORF_+_953750	953750	953758	+	2	9	TTG	TAG	0	0	
mORF_+_953795	953795	953860	+	2	66	ATG	TAA	0	0	
mORF_+_953864	953864	953872	+	2	9	ATG	TGA	0	0	
mORF_+_953869	953869	953895	+	1	27	TTG	TAA	0	0	
mORF_+_954003	954003	954068	+	3	66	ATG	TAA	0	0	
mORF_+_954013	954013	954018	+	1	6	ATG	TAA	0	0	
mORF_+_954076	954076	954369	+	1	294	TTG	TAA	1	3	pORF_+_954076
mORF_+_954089	954089	954322	+	2	234	TTG	TAA	0	0	
mORF_+_954117	954117	954140	+	3	24	TTG	TAG	0	0	
mORF_+_954264	954264	954347	+	3	84	ATG	TAA	0	0	
mORF_+_954332	954332	954376	+	2	45	TTG	TGA	0	0	
mORF_+_954351	954351	954578	+	3	228	TTG	TAA	0	0	
mORF_+_954376	954376	954384	+	1	9	ATG	TAA	0	0	
mORF_+_954557	954557	954607	+	2	51	TTG	TAG	0	0	
mORF_+_954629	954629	954871	+	2	243	ATG	TAA	0	0	
mORF_+_954687	954687	954716	+	3	30	ATG	TAA	0	0	
mORF_+_954762	954762	954836	+	3	75	TTG	TAA	0	0	
mORF_+_954781	954781	954852	+	1	72	GTG	TGA	0	0	
mORF_+_954849	954849	955118	+	3	270	TTG	TAA	1	2	pORF_+_954849
mORF_+_954890	954890	955426	+	2	537	GTG	TAG	0	0	
mORF_+_954937	954937	954948	+	1	12	TTG	TAA	0	0	
mORF_+_955006	955006	955059	+	1	54	GTG	TAG	0	0	
mORF_+_955126	955126	955215	+	1	90	TTG	TGA	0	0	
mORF_+_955155	955155	955178	+	3	24	ATG	TAA	0	0	
mORF_+_955215	955215	955247	+	3	33	ATG	TAG	0	0	
mORF_+_955279	955279	955338	+	1	60	GTG	TGA	0	0	
mORF_+_955287	955287	955355	+	3	69	TTG	TAA	0	0	
mORF_+_955365	955365	955376	+	3	12	TTG	TGA	0	0	
mORF_+_955437	955437	955469	+	3	33	ATG	TAA	0	0	
mORF_+_955525	955525	955686	+	1	162	GTG	TAA	0	0	
mORF_+_955542	955542	955550	+	3	9	TTG	TAA	0	0	
mORF_+_955550	955550	955615	+	2	66	ATG	TGA	0	0	
mORF_+_955566	955566	955607	+	3	42	TTG	TAG	0	0	
mORF_+_955608	955608	955769	+	3	162	TTG	TGA	0	0	
mORF_+_955693	955693	955734	+	1	42	GTG	TAG	0	0	
mORF_+_955715	955715	955783	+	2	69	ATG	TGA	0	0	
mORF_+_955790	955790	955891	+	2	102	TTG	TAA	0	0	
mORF_+_955806	955806	955937	+	3	132	ATG	TGA	0	0	
mORF_+_955843	955843	955857	+	1	15	ATG	TGA	0	0	
mORF_+_955928	955928	955945	+	2	18	ATG	TGA	0	0	
mORF_+_955942	955942	955974	+	1	33	TTG	TAA	0	0	
mORF_+_955985	955985	956677	+	2	693	ATG	TGA	0	0	
mORF_+_956016	956016	956102	+	3	87	TTG	TGA	0	0	
mORF_+_956115	956115	956147	+	3	33	GTG	TAA	0	0	
mORF_+_956178	956178	956258	+	3	81	ATG	TAA	0	0	
mORF_+_956260	956260	956280	+	1	21	GTG	TGA	0	0	
mORF_+_956277	956277	956369	+	3	93	GTG	TGA	0	0	
mORF_+_956376	956376	956492	+	3	117	TTG	TGA	0	0	
mORF_+_956517	956517	956597	+	3	81	GTG	TGA	0	0	
mORF_+_956521	956521	956580	+	1	60	TTG	TAG	0	0	
mORF_+_956617	956617	956703	+	1	87	ATG	TAA	0	0	
mORF_+_956628	956628	956672	+	3	45	GTG	TGA	0	0	
mORF_+_956697	956697	956783	+	3	87	TTG	TGA	0	0	
mORF_+_956723	956723	956728	+	2	6	GTG	TGA	0	0	
mORF_+_956725	956725	956787	+	1	63	GTG	TGA	0	0	
mORF_+_956765	956765	956839	+	2	75	TTG	TGA	0	0	
mORF_+_956784	956784	956984	+	3	201	ATG	TGA	0	0	
mORF_+_956836	956836	956850	+	1	15	TTG	TAA	0	0	
mORF_+_956863	956863	956898	+	1	36	GTG	TAG	0	0	
mORF_+_956876	956876	957964	+	2	1089	ATG	TAA	125	3612	pORF_+_956876
mORF_+_957000	957000	957131	+	3	132	GTG	TGA	0	0	

mORF+_957141	957141	957245	+	3	105	GTG	TGA	0	0	
mORF+_957249	957249	957449	+	3	201	TTG	TAA	0	0	
mORF+_957283	957283	957297	+	1	15	ATG	TGA	0	0	
mORF+_957319	957319	957330	+	1	12	TTG	TGA	0	0	
mORF+_957507	957507	957644	+	3	138	GTG	TGA	0	0	
mORF+_957538	957538	957576	+	1	39	GTG	TAA	0	0	
mORF+_957637	957637	957666	+	1	30	ATG	TGA	0	0	
mORF+_957657	957657	957662	+	3	6	GTG	TAG	0	0	
mORF+_957705	957705	957713	+	3	9	ATG	TGA	0	0	
mORF+_957714	957714	957770	+	3	57	TTG	TGA	0	0	
mORF+_957795	957795	957851	+	3	57	GTG	TGA	0	0	
mORF+_957861	957861	957926	+	3	66	GTG	TGA	0	0	
mORF+_957939	957939	958022	+	3	84	TTG	TAG	0	0	
mORF+_957964	957964	958047	+	1	84	ATG	TGA	0	0	
mORF+_958035	958035	959318	+	3	1284	ATG	TGA	60	528	pORF+_958035
mORF+_958066	958066	958137	+	1	72	GTG	TAG	0	0	
mORF+_958177	958177	958197	+	1	21	ATG	TGA	0	0	
mORF+_958198	958198	958206	+	1	9	ATG	TAA	0	0	
mORF+_958250	958250	958267	+	2	18	TTG	TAA	0	0	
mORF+_958291	958291	958380	+	1	90	GTG	TGA	0	0	
mORF+_958352	958352	958363	+	2	12	TTG	TAG	0	0	
mORF+_958384	958384	958398	+	1	15	GTG	TGA	0	0	
mORF+_958411	958411	958566	+	1	156	TTG	TAA	0	0	
mORF+_958579	958579	958599	+	1	21	TTG	TGA	0	0	
mORF+_958666	958666	958710	+	1	45	TTG	TAA	0	0	
mORF+_958759	958759	958815	+	1	57	ATG	TAA	0	0	
mORF+_958828	958828	958938	+	1	111	TTG	TGA	0	0	
mORF+_958895	958895	958909	+	2	15	TTG	TGA	0	0	
mORF+_958945	958945	958959	+	1	15	TTG	TGA	0	0	
mORF+_958972	958972	958983	+	1	12	ATG	TGA	0	0	
mORF+_958987	958987	959157	+	1	171	TTG	TGA	0	0	
mORF+_959161	959161	959238	+	1	78	TTG	TGA	0	0	
mORF+_959201	959201	959248	+	2	48	GTG	TGA	0	0	
mORF+_959245	959245	959322	+	1	78	TTG	TGA	0	0	
mORF+_959255	959255	959305	+	2	51	ATG	TAG	0	0	
mORF+_959319	959319	959336	+	3	18	ATG	TAA	0	0	
mORF+_959372	959372	959410	+	2	39	TTG	TGA	0	0	
mORF+_959395	959395	959400	+	1	6	TTG	TGA	0	0	
mORF+_959397	959397	959414	+	3	18	GTG	TAA	0	0	
mORF+_959407	959407	959466	+	1	60	TTG	TGA	0	0	
mORF+_959414	959414	959446	+	2	33	ATG	TGA	0	0	
mORF+_959427	959427	959438	+	3	12	TTG	TAA	0	0	
mORF+_959463	959463	960251	+	3	789	ATG	TAA	2	2	pORF+_959463
mORF+_959515	959515	959538	+	1	24	TTG	TGA	0	0	
mORF+_959543	959543	959566	+	2	24	GTG	TGA	0	0	
mORF+_959563	959563	959595	+	1	33	TTG	TAA	0	0	
mORF+_959596	959596	959619	+	1	24	ATG	TAA	0	0	
mORF+_959623	959623	959784	+	1	162	ATG	TGA	0	0	
mORF+_959801	959801	959860	+	2	60	ATG	TGA	0	0	
mORF+_959821	959821	959844	+	1	24	GTG	TGA	0	0	
mORF+_959857	959857	959931	+	1	75	ATG	TGA	0	0	
mORF+_959941	959941	960015	+	1	75	ATG	TAG	0	0	
mORF+_960016	960016	960099	+	1	84	GTG	TGA	0	0	
mORF+_960106	960106	960306	+	1	201	GTG	TAA	0	0	
mORF+_960296	960296	960421	+	2	126	TTG	TAA	0	0	
mORF+_960358	960358	960378	+	1	21	TTG	TAA	0	0	
mORF+_960360	960360	960413	+	3	54	GTG	TAA	0	0	
mORF+_960424	960424	961107	+	1	684	ATG	TAA	26	263	pORF+_960424
mORF+_960434	960434	960664	+	2	231	TTG	TGA	0	0	
mORF+_960486	960486	960491	+	3	6	GTG	TAA	0	0	
mORF+_960513	960513	960581	+	3	69	ATG	TGA	0	0	
mORF+_960680	960680	960802	+	2	123	ATG	TGA	0	0	
mORF+_960803	960803	960853	+	2	51	TTG	TGA	0	0	

mORF+_960863	960863	960994	+	2	132	TTG	TAG	0	0	
mORF+_961016	961016	961024	+	2	9	ATG	TAG	0	0	
mORF+_961049	961049	961060	+	2	12	TTG	TGA	0	0	
mORF+_961061	961061	961225	+	2	165	TTG	TGA	0	0	
mORF+_961132	961132	961215	+	1	84	TTG	TAA	0	0	
mORF+_961137	961137	961145	+	3	9	ATG	TGA	0	0	
mORF+_961176	961176	961196	+	3	21	ATG	TAA	0	0	
mORF+_961218	961218	962891	+	3	1674	ATG	TAA	273	13624	pORF+_961218
mORF+_961231	961231	961257	+	1	27	TTG	TAA	0	0	
mORF+_961291	961291	961323	+	1	33	GTG	TAG	0	0	
mORF+_961330	961330	961344	+	1	15	TTG	TGA	0	0	
mORF+_961411	961411	961443	+	1	33	GTG	TAG	0	0	
mORF+_961456	961456	961590	+	1	135	GTG	TGA	0	0	
mORF+_961600	961600	961626	+	1	27	GTG	TAG	0	0	
mORF+_961642	961642	961686	+	1	45	GTG	TAA	0	0	
mORF+_961714	961714	961956	+	1	243	TTG	TGA	0	0	
mORF+_961978	961978	961995	+	1	18	GTG	TGA	0	0	
mORF+_962015	962015	962032	+	2	18	GTG	TAA	0	0	
mORF+_962098	962098	962199	+	1	102	TTG	TAG	0	0	
mORF+_962261	962261	962272	+	2	12	GTG	TAA	0	0	
mORF+_962276	962276	962320	+	2	45	GTG	TGA	0	0	
mORF+_962314	962314	962559	+	1	246	GTG	TGA	0	0	
mORF+_962599	962599	962622	+	1	24	TTG	TAG	0	0	
mORF+_962638	962638	962703	+	1	66	TTG	TGA	0	0	
mORF+_962707	962707	962931	+	1	225	TTG	TGA	0	0	
mORF+_962925	962925	963035	+	3	111	TTG	TAA	0	0	
mORF+_962938	962938	962976	+	1	39	TTG	TAA	0	0	
mORF+_963002	963002	963118	+	2	117	ATG	TGA	0	0	
mORF+_963051	963051	963335	+	3	285	ATG	TAA	43	1240	pORF+_963051
mORF+_963079	963079	963129	+	1	51	TTG	TAA	0	0	
mORF+_963160	963160	963261	+	1	102	TTG	TAG	0	0	
mORF+_963351	963351	963452	+	3	102	TTG	TAA	0	0	
mORF+_963377	963377	963397	+	2	21	GTG	TAA	0	0	
mORF+_963427	963427	963462	+	1	36	TTG	TGA	0	0	
mORF+_963465	963465	965807	+	3	2343	ATG	TAG	1	6	pORF+_963465
mORF+_963512	963512	963577	+	2	66	TTG	TAG	0	0	
mORF+_963562	963562	963573	+	1	12	GTG	TAA	0	0	
mORF+_963628	963628	963639	+	1	12	TTG	TGA	0	0	
mORF+_963716	963716	963793	+	2	78	TTG	TGA	0	0	
mORF+_963781	963781	963816	+	1	36	ATG	TGA	0	0	
mORF+_963886	963886	963936	+	1	51	ATG	TGA	0	0	
mORF+_963911	963911	963970	+	2	60	TTG	TAA	0	0	
mORF+_963949	963949	964143	+	1	195	GTG	TAG	0	0	
mORF+_964061	964061	964066	+	2	6	TTG	TAG	0	0	
mORF+_964118	964118	964426	+	2	309	GTG	TAA	0	0	
mORF+_964243	964243	964326	+	1	84	TTG	TAA	0	0	
mORF+_964327	964327	964365	+	1	39	TTG	TGA	0	0	
mORF+_964405	964405	964431	+	1	27	TTG	TAA	0	0	
mORF+_964432	964432	964491	+	1	60	GTG	TGA	0	0	
mORF+_964442	964442	964585	+	2	144	GTG	TGA	0	0	
mORF+_964501	964501	964554	+	1	54	TTG	TGA	0	0	
mORF+_964586	964586	964693	+	2	108	GTG	TAG	0	0	
mORF+_964609	964609	964698	+	1	90	GTG	TGA	0	0	
mORF+_964708	964708	964722	+	1	15	TTG	TAG	0	0	
mORF+_964774	964774	964785	+	1	12	TTG	TAA	0	0	
mORF+_964814	964814	964894	+	2	81	ATG	TGA	0	0	
mORF+_964822	964822	964860	+	1	39	TTG	TAA	0	0	
mORF+_964888	964888	964950	+	1	63	TTG	TAA	0	0	
mORF+_964895	964895	965032	+	2	138	ATG	TGA	0	0	
mORF+_964978	964978	964998	+	1	21	GTG	TGA	0	0	
mORF+_965036	965036	965056	+	2	21	GTG	TGA	0	0	
mORF+_965053	965053	965082	+	1	30	TTG	TGA	0	0	
mORF+_965110	965110	965157	+	1	48	ATG	TGA	0	0	

mORF+_965185	965185	965208	+	1	24	TTG	TGA	0	0	
mORF+_965212	965212	965289	+	1	78	ATG	TAA	0	0	
mORF+_965258	965258	965377	+	2	120	ATG	TAG	0	0	
mORF+_965311	965311	965445	+	1	135	GTG	TAA	0	0	
mORF+_965449	965449	965484	+	1	36	GTG	TAA	0	0	
mORF+_965533	965533	965565	+	1	33	ATG	TAA	0	0	
mORF+_965578	965578	965925	+	1	348	ATG	TGA	0	0	
mORF+_965618	965618	965635	+	2	18	ATG	TAA	0	0	
mORF+_965672	965672	965680	+	2	9	ATG	TGA	0	0	
mORF+_965765	965765	965800	+	2	36	TTG	TAA	0	0	
mORF+_965811	965811	965843	+	3	33	ATG	TGA	0	0	
mORF+_965840	965840	965851	+	2	12	TTG	TAA	0	0	
mORF+_965844	965844	967592	+	3	1749	ATG	TGA	25	121	pORF+_965844
mORF+_965870	965870	965989	+	2	120	GTG	TAA	0	0	
mORF+_965998	965998	966057	+	1	60	TTG	TGA	0	0	
mORF+_966038	966038	966193	+	2	156	GTG	TGA	0	0	
mORF+_966076	966076	966135	+	1	60	GTG	TAA	0	0	
mORF+_966157	966157	966168	+	1	12	TTG	TGA	0	0	
mORF+_966190	966190	966273	+	1	84	TTG	TGA	0	0	
mORF+_966280	966280	966321	+	1	42	TTG	TGA	0	0	
mORF+_966335	966335	966424	+	2	90	TTG	TAA	0	0	
mORF+_966358	966358	966453	+	1	96	TTG	TGA	0	0	
mORF+_966505	966505	966570	+	1	66	GTG	TGA	0	0	
mORF+_966637	966637	966681	+	1	45	TTG	TGA	0	0	
mORF+_966700	966700	966717	+	1	18	TTG	TGA	0	0	
mORF+_966718	966718	966726	+	1	9	TTG	TGA	0	0	
mORF+_966785	966785	966817	+	2	33	TTG	TGA	0	0	
mORF+_966814	966814	966846	+	1	33	GTG	TGA	0	0	
mORF+_966853	966853	966936	+	1	84	GTG	TGA	0	0	
mORF+_966958	966958	967008	+	1	51	TTG	TGA	0	0	
mORF+_967027	967027	967047	+	1	21	TTG	TGA	0	0	
mORF+_967051	967051	967263	+	1	213	ATG	TGA	0	0	
mORF+_967264	967264	967350	+	1	87	TTG	TGA	0	0	
mORF+_967393	967393	967446	+	1	54	GTG	TGA	0	0	
mORF+_967447	967447	967614	+	1	168	TTG	TGA	0	0	
mORF+_967589	967589	968575	+	2	987	ATG	TAG	2	4	pORF+_967589
mORF+_967611	967611	967667	+	3	57	GTG	TGA	0	0	
mORF+_967624	967624	967692	+	1	69	GTG	TAA	0	0	
mORF+_967668	967668	967697	+	3	30	GTG	TAA	0	0	
mORF+_967716	967716	967925	+	3	210	GTG	TGA	0	0	
mORF+_967941	967941	967982	+	3	42	ATG	TAA	0	0	
mORF+_968007	968007	968024	+	3	18	ATG	TAA	0	0	
mORF+_968058	968058	968153	+	3	96	GTG	TAA	0	0	
mORF+_968110	968110	968136	+	1	27	GTG	TGA	0	0	
mORF+_968160	968160	968171	+	3	12	TTG	TAA	0	0	
mORF+_968184	968184	968237	+	3	54	GTG	TGA	0	0	
mORF+_968257	968257	968262	+	1	6	TTG	TGA	0	0	
mORF+_968259	968259	968285	+	3	27	GTG	TAG	0	0	
mORF+_968301	968301	968333	+	3	33	TTG	TGA	0	0	
mORF+_968338	968338	968445	+	1	108	GTG	TGA	0	0	
mORF+_968340	968340	968390	+	3	51	GTG	TGA	0	0	
mORF+_968394	968394	968417	+	3	24	ATG	TAA	0	0	
mORF+_968451	968451	968459	+	3	9	ATG	TGA	0	0	
mORF+_968461	968461	968523	+	1	63	ATG	TGA	0	0	
mORF+_968472	968472	968504	+	3	33	TTG	TAG	0	0	
mORF+_968520	968520	968552	+	3	33	GTG	TAA	0	0	
mORF+_968597	968597	968611	+	2	15	TTG	TGA	0	0	
mORF+_968608	968608	968640	+	1	33	ATG	TGA	0	0	
mORF+_968612	968612	969844	+	2	1233	ATG	TAA	0	0	
mORF+_968634	968634	968678	+	3	45	TTG	TAA	0	0	
mORF+_968763	968763	968855	+	3	93	TTG	TAA	0	0	
mORF+_968821	968821	968832	+	1	12	GTG	TGA	0	0	
mORF+_968871	968871	968999	+	3	129	ATG	TAA	0	0	

mORF+_969012	969012	969131	+	3	120	ATG	TGA	0	0	
mORF+_969073	969073	969093	+	1	21	GTG	TAA	0	0	
mORF+_969138	969138	969173	+	3	36	TTG	TAA	0	0	
mORF+_969180	969180	969311	+	3	132	GTG	TGA	0	0	
mORF+_969286	969286	969351	+	1	66	GTG	TGA	0	0	
mORF+_969366	969366	969617	+	3	252	TTG	TAG	0	0	
mORF+_969397	969397	969408	+	1	12	TTG	TGA	0	0	
mORF+_969547	969547	969663	+	1	117	GTG	TGA	0	0	
mORF+_969618	969618	969773	+	3	156	TTG	TGA	0	0	
mORF+_969676	969676	969696	+	1	21	GTG	TAA	0	0	
mORF+_969781	969781	969807	+	1	27	ATG	TGA	0	0	
mORF+_969808	969808	969915	+	1	108	TTG	TGA	0	0	
mORF+_969845	969845	969874	+	2	30	ATG	TAA	0	0	
mORF+_969896	969896	970078	+	2	183	ATG	TGA	10	49	pORF+_969896
mORF+_969912	969912	970055	+	3	144	TTG	TGA	0	0	
mORF+_969934	969934	969957	+	1	24	TTG	TAA	0	0	
mORF+_969979	969979	970014	+	1	36	TTG	TGA	0	0	
mORF+_970062	970062	970130	+	3	69	ATG	TAA	0	0	
mORF+_970075	970075	970821	+	1	747	ATG	TAA	26	290	pORF+_970075
mORF+_970082	970082	970162	+	2	81	TTG	TGA	0	0	
mORF+_970163	970163	970276	+	2	114	TTG	TGA	0	0	
mORF+_970269	970269	970361	+	3	93	ATG	TAA	0	0	
mORF+_970319	970319	970354	+	2	36	TTG	TGA	0	0	
mORF+_970361	970361	970384	+	2	24	ATG	TGA	0	0	
mORF+_970409	970409	970501	+	2	93	TTG	TGA	0	0	
mORF+_970526	970526	970684	+	2	159	ATG	TAG	0	0	
mORF+_970557	970557	970568	+	3	12	TTG	TGA	0	0	
mORF+_970712	970712	970918	+	2	207	GTG	TGA	0	0	
mORF+_970719	970719	970787	+	3	69	GTG	TGA	0	0	
mORF+_970849	970849	970974	+	1	126	TTG	TGA	0	0	
mORF+_970975	970975	971868	+	1	894	ATG	TGA	2	5	pORF+_970975
mORF+_970988	970988	970999	+	2	12	GTG	TAA	0	0	
mORF+_971030	971030	971104	+	2	75	TTG	TAA	0	0	
mORF+_971034	971034	971045	+	3	12	GTG	TGA	0	0	
mORF+_971064	971064	971078	+	3	15	GTG	TGA	0	0	
mORF+_971148	971148	971219	+	3	72	ATG	TGA	0	0	
mORF+_971174	971174	971209	+	2	36	GTG	TGA	0	0	
mORF+_971216	971216	971476	+	2	261	ATG	TGA	0	0	
mORF+_971367	971367	971432	+	3	66	TTG	TGA	0	0	
mORF+_971439	971439	971465	+	3	27	ATG	TAA	0	0	
mORF+_971514	971514	971534	+	3	21	ATG	TGA	0	0	
mORF+_971531	971531	971560	+	2	30	TTG	TGA	0	0	
mORF+_971550	971550	971570	+	3	21	TTG	TAA	0	0	
mORF+_971646	971646	971687	+	3	42	TTG	TAA	0	0	
mORF+_971760	971760	971783	+	3	24	TTG	TGA	0	0	
mORF+_971768	971768	971911	+	2	144	ATG	TAG	0	0	
mORF+_971856	971856	971972	+	3	117	GTG	TAA	0	0	
mORF+_971926	971926	972012	+	1	87	ATG	TAG	0	0	
mORF+_971984	971984	971995	+	2	12	ATG	TGA	0	0	
mORF+_972058	972058	972063	+	1	6	ATG	TGA	0	0	
mORF+_972060	972060	972155	+	3	96	GTG	TGA	0	0	
mORF+_972152	972152	972361	+	2	210	GTG	TAA	0	0	
mORF+_972160	972160	972261	+	1	102	TTG	TGA	0	0	
mORF+_972231	972231	972248	+	3	18	TTG	TGA	0	0	
mORF+_972258	972258	972320	+	3	63	TTG	TGA	0	0	
mORF+_972336	972336	972497	+	3	162	GTG	TAA	0	0	
mORF+_972394	972394	972471	+	1	78	TTG	TAA	1	0	pORF+_972394
mORF+_972419	972419	972520	+	2	102	GTG	TGA	0	0	
mORF+_972517	972517	972645	+	1	129	TTG	TAA	0	0	
mORF+_972579	972579	972617	+	3	39	GTG	TAA	0	0	
mORF+_972593	972593	972994	+	2	402	TTG	TGA	0	0	
mORF+_972699	972699	972716	+	3	18	GTG	TAG	0	0	
mORF+_972748	972748	973545	+	1	798	GTG	TGA	1	2	pORF+_972748

mORF_+_972849	972849	973100	+	3	252	GTG	TGA	0	0	
mORF_+_973028	973028	973033	+	2	6	GTG	TGA	0	0	
mORF_+_973070	973070	973105	+	2	36	ATG	TGA	0	0	
mORF_+_973115	973115	973201	+	2	87	ATG	TAA	0	0	
mORF_+_973128	973128	973139	+	3	12	GTG	TGA	0	0	
mORF_+_973211	973211	973228	+	2	18	ATG	TGA	0	0	
mORF_+_973253	973253	973453	+	2	201	TTG	TAG	0	0	
mORF_+_973338	973338	973373	+	3	36	GTG	TAA	0	0	
mORF_+_973464	973464	973538	+	3	75	TTG	TAA	0	0	
mORF_+_973505	973505	973549	+	2	45	ATG	TGA	0	0	
mORF_+_973542	973542	974864	+	3	1323	ATG	TGA	8	21	pORF_+_973542
mORF_+_973546	973546	973620	+	1	75	GTG	TAG	0	0	
mORF_+_973645	973645	973656	+	1	12	TTG	TGA	0	0	
mORF_+_973672	973672	973683	+	1	12	ATG	TGA	0	0	
mORF_+_973684	973684	973719	+	1	36	GTG	TGA	0	0	
mORF_+_973720	973720	973803	+	1	84	GTG	TGA	0	0	
mORF_+_973933	973933	974022	+	1	90	TTG	TGA	0	0	
mORF_+_974152	974152	974265	+	1	114	GTG	TGA	0	0	
mORF_+_974269	974269	974487	+	1	219	ATG	TAA	0	0	
mORF_+_974336	974336	974419	+	2	84	TTG	TAA	0	0	
mORF_+_974477	974477	974524	+	2	48	GTG	TGA	0	0	
mORF_+_974491	974491	974556	+	1	66	ATG	TGA	0	0	
mORF_+_974638	974638	974772	+	1	135	TTG	TAG	0	0	
mORF_+_974804	974804	974818	+	2	15	ATG	TAA	0	0	
mORF_+_974818	974818	975549	+	1	732	ATG	TAA	11	65	pORF_+_974818
mORF_+_974861	974861	974872	+	2	12	TTG	TGA	0	0	
mORF_+_974951	974951	974986	+	2	36	TTG	TGA	0	0	
mORF_+_975032	975032	975091	+	2	60	TTG	TGA	0	0	
mORF_+_975176	975176	975247	+	2	72	ATG	TGA	0	0	
mORF_+_975281	975281	975340	+	2	60	TTG	TAG	0	0	
mORF_+_975348	975348	975440	+	3	93	GTG	TGA	0	0	
mORF_+_975413	975413	975457	+	2	45	ATG	TGA	0	0	
mORF_+_975461	975461	975556	+	2	96	GTG	TGA	0	0	
mORF_+_975549	975549	980009	+	3	4461	ATG	TAA	90	378	pORF_+_975549
mORF_+_975553	975553	975579	+	1	27	TTG	TGA	0	0	
mORF_+_975604	975604	975702	+	1	99	TTG	TGA	0	0	
mORF_+_975799	975799	975957	+	1	159	GTG	TGA	0	0	
mORF_+_976165	976165	976281	+	1	117	ATG	TGA	0	0	
mORF_+_976297	976297	976335	+	1	39	GTG	TGA	0	0	
mORF_+_976393	976393	976560	+	1	168	GTG	TGA	0	0	
mORF_+_976621	976621	976734	+	1	114	ATG	TGA	0	0	
mORF_+_976744	976744	976854	+	1	111	TTG	TAA	0	0	
mORF_+_976835	976835	976915	+	2	81	GTG	TGA	0	0	
mORF_+_976930	976930	976944	+	1	15	TTG	TGA	0	0	
mORF_+_976972	976972	977115	+	1	144	TTG	TAA	0	0	
mORF_+_977030	977030	977155	+	2	126	GTG	TGA	0	0	
mORF_+_977197	977197	977340	+	1	144	TTG	TGA	0	0	
mORF_+_977347	977347	977391	+	1	45	GTG	TGA	0	0	
mORF_+_977357	977357	977464	+	2	108	TTG	TGA	0	0	
mORF_+_977461	977461	977538	+	1	78	GTG	TAA	0	0	
mORF_+_977590	977590	977709	+	1	120	TTG	TAA	0	0	
mORF_+_977735	977735	977785	+	2	51	TTG	TGA	0	0	
mORF_+_977782	977782	977823	+	1	42	ATG	TAG	0	0	
mORF_+_977846	977846	977899	+	2	54	GTG	TGA	0	0	
mORF_+_977881	977881	978072	+	1	192	TTG	TGA	0	0	
mORF_+_978112	978112	978177	+	1	66	ATG	TGA	0	0	
mORF_+_978211	978211	978366	+	1	156	ATG	TAA	0	0	
mORF_+_978403	978403	978429	+	1	27	ATG	TGA	0	0	
mORF_+_978448	978448	978591	+	1	144	GTG	TGA	0	0	
mORF_+_978667	978667	978753	+	1	87	GTG	TGA	0	0	
mORF_+_978859	978859	978879	+	1	21	TTG	TAG	0	0	
mORF_+_978899	978899	978928	+	2	30	GTG	TAA	0	0	
mORF_+_978901	978901	978909	+	1	9	GTG	TGA	0	0	

mORF_+_978934	978934	979011	+	1	78	TTG	TAG	0	0	
mORF_+_979012	979012	979215	+	1	204	GTG	TGA	0	0	
mORF_+_979234	979234	979359	+	1	126	GTG	TGA	0	0	
mORF_+_979387	979387	979467	+	1	81	GTG	TGA	0	0	
mORF_+_979516	979516	979686	+	1	171	TTG	TGA	0	0	
mORF_+_979708	979708	980067	+	1	360	ATG	TAA	0	0	
mORF_+_979745	979745	979768	+	2	24	TTG	TGA	0	0	
mORF_+_979814	979814	979819	+	2	6	GTG	TGA	0	0	
mORF_+_980072	980072	980149	+	2	78	GTG	TGA	0	0	
mORF_+_980119	980119	980124	+	1	6	ATG	TAA	0	0	
mORF_+_980161	980161	980250	+	1	90	ATG	TGA	0	0	
mORF_+_980174	980174	980194	+	2	21	TTG	TGA	0	0	
mORF_+_980198	980198	980227	+	2	30	TTG	TAA	0	0	
mORF_+_980247	980247	980285	+	3	39	ATG	TGA	0	0	
mORF_+_980270	980270	982117	+	2	1848	ATG	TAA	5	14	pORF_+_980270
mORF_+_980287	980287	980364	+	1	78	GTG	TGA	0	0	
mORF_+_980289	980289	980330	+	3	42	GTG	TAA	0	0	
mORF_+_980349	980349	980375	+	3	27	ATG	TAA	0	0	
mORF_+_980403	980403	980447	+	3	45	GTG	TAA	0	0	
mORF_+_980475	980475	980678	+	3	204	GTG	TAG	0	0	
mORF_+_980587	980587	980601	+	1	15	GTG	TGA	0	0	
mORF_+_980671	980671	980703	+	1	33	ATG	TAA	0	0	
mORF_+_980697	980697	980741	+	3	45	GTG	TGA	0	0	
mORF_+_980760	980760	980840	+	3	81	TTG	TGA	0	0	
mORF_+_980848	980848	980868	+	1	21	ATG	TAA	0	0	
mORF_+_980886	980886	980981	+	3	96	TTG	TGA	0	0	
mORF_+_980968	980968	981018	+	1	51	GTG	TAA	0	0	
mORF_+_981096	981096	981119	+	3	24	ATG	TAG	0	0	
mORF_+_981141	981141	981314	+	3	174	TTG	TAA	0	0	
mORF_+_981259	981259	981306	+	1	48	ATG	TGA	0	0	
mORF_+_981333	981333	981503	+	3	171	GTG	TGA	1	0	pORF_+_981333
mORF_+_981510	981510	981527	+	3	18	GTG	TAG	0	0	
mORF_+_981541	981541	981663	+	1	123	GTG	TGA	0	0	
mORF_+_981618	981618	981632	+	3	15	ATG	TGA	0	0	
mORF_+_981660	981660	981842	+	3	183	TTG	TGA	0	0	
mORF_+_981667	981667	981678	+	1	12	ATG	TGA	0	0	
mORF_+_981852	981852	981863	+	3	12	GTG	TGA	0	0	
mORF_+_981900	981900	981938	+	3	39	ATG	TGA	0	0	
mORF_+_981945	981945	981986	+	3	42	GTG	TGA	0	0	
mORF_+_982008	982008	982109	+	3	102	TTG	TAA	0	0	
mORF_+_982118	982118	982126	+	2	9	ATG	TAG	0	0	
mORF_+_982141	982141	982149	+	1	9	TTG	TAA	0	0	
mORF_+_982158	982158	982235	+	3	78	ATG	TAA	0	0	
mORF_+_982162	982162	982203	+	1	42	TTG	TGA	0	0	
mORF_+_982210	982210	982266	+	1	57	TTG	TAA	0	0	
mORF_+_982244	982244	982273	+	2	30	TTG	TAA	0	0	
mORF_+_982257	982257	982286	+	3	30	GTG	TAG	0	0	
mORF_+_982276	982276	982317	+	1	42	TTG	TAA	0	0	
mORF_+_982289	982289	982846	+	2	558	TTG	TAG	0	0	
mORF_+_982338	982338	982418	+	3	81	TTG	TGA	0	0	
mORF_+_982467	982467	982541	+	3	75	ATG	TAA	0	0	
mORF_+_982638	982638	982679	+	3	42	TTG	TAG	0	0	
mORF_+_982725	982725	982742	+	3	18	TTG	TAA	0	0	
mORF_+_982779	982779	982787	+	3	9	GTG	TAG	0	0	
mORF_+_982809	982809	982934	+	3	126	TTG	TGA	0	0	
mORF_+_982850	982850	982876	+	2	27	TTG	TGA	0	0	
mORF_+_982873	982873	983520	+	1	648	ATG	TAA	13	31	pORF_+_982873
mORF_+_982931	982931	983014	+	2	84	GTG	TGA	0	0	
mORF_+_983039	983039	983188	+	2	150	ATG	TGA	0	0	
mORF_+_983175	983175	983294	+	3	120	GTG	TGA	0	0	
mORF_+_983234	983234	983239	+	2	6	ATG	TGA	0	0	
mORF_+_983279	983279	983314	+	2	36	ATG	TGA	0	0	
mORF_+_983324	983324	983347	+	2	24	ATG	TAG	0	0	

mORF_+_983354	983354	983386	+	2	33	GTG	TGA	0	0	
mORF_+_983423	983423	983431	+	2	9	ATG	TGA	0	0	
mORF_+_983465	983465	983545	+	2	81	TTG	TAA	0	0	
mORF_+_983545	983545	983967	+	1	423	ATG	TGA	1	5	pORF_+_983545
mORF_+_983576	983576	983656	+	2	81	TTG	TAG	0	0	
mORF_+_983589	983589	983738	+	3	150	ATG	TAA	0	0	
mORF_+_983729	983729	983884	+	2	156	TTG	TGA	0	0	
mORF_+_983862	983862	984026	+	3	165	TTG	TAA	0	0	
mORF_+_983930	983930	983956	+	2	27	TTG	TGA	0	0	
mORF_+_984034	984034	984087	+	1	54	TTG	TAG	0	0	
mORF_+_984066	984066	984314	+	3	249	GTG	TAA	0	0	
mORF_+_984068	984068	984082	+	2	15	GTG	TAG	0	0	
mORF_+_984119	984119	984199	+	2	81	ATG	TAG	0	0	
mORF_+_984178	984178	984204	+	1	27	TTG	TAG	0	0	
mORF_+_984336	984336	984614	+	3	279	TTG	TAG	0	0	
mORF_+_984338	984338	984367	+	2	30	GTG	TAG	0	0	
mORF_+_984380	984380	984445	+	2	66	TTG	TAA	0	0	
mORF_+_984449	984449	984523	+	2	75	GTG	TAA	0	0	
mORF_+_984466	984466	984471	+	1	6	GTG	TGA	0	0	
mORF_+_984548	984548	984574	+	2	27	TTG	TAA	0	0	
mORF_+_984553	984553	984699	+	1	147	TTG	TGA	0	0	
mORF_+_984587	984587	984664	+	2	78	TTG	TGA	0	0	
mORF_+_984700	984700	984741	+	1	42	GTG	TAA	0	0	
mORF_+_984745	984745	984828	+	1	84	TTG	TAG	0	0	
mORF_+_984850	984850	985101	+	1	252	TTG	TAA	0	0	
mORF_+_984947	984947	985012	+	2	66	ATG	TGA	0	0	
mORF_+_985031	985031	985063	+	2	33	TTG	TAA	0	0	
mORF_+_985109	985109	985120	+	2	12	GTG	TAG	0	0	
mORF_+_985111	985111	985158	+	1	48	GTG	TGA	0	0	
mORF_+_985148	985148	985204	+	2	57	GTG	TAG	0	0	
mORF_+_985214	985214	985237	+	2	24	GTG	TAG	0	0	
mORF_+_985242	985242	985307	+	3	66	TTG	TAG	0	0	
mORF_+_985310	985310	985318	+	2	9	TTG	TAA	0	0	
mORF_+_985322	985322	985450	+	2	129	ATG	TAG	0	0	
mORF_+_985354	985354	985365	+	1	12	TTG	TAA	0	0	
mORF_+_985375	985375	986163	+	1	789	TTG	TAA	0	0	
mORF_+_985404	985404	985409	+	3	6	TTG	TAA	0	0	
mORF_+_985466	985466	985534	+	2	69	ATG	TGA	0	0	
mORF_+_985547	985547	985570	+	2	24	TTG	TAA	0	0	
mORF_+_985641	985641	985730	+	3	90	GTG	TAG	0	0	
mORF_+_985646	985646	985675	+	2	30	GTG	TGA	0	0	
mORF_+_985712	985712	985726	+	2	15	TTG	TAG	0	0	
mORF_+_985770	985770	985877	+	3	108	ATG	TAA	0	0	
mORF_+_985805	985805	985810	+	2	6	GTG	TAA	0	0	
mORF_+_985887	985887	985988	+	3	102	ATG	TGA	0	0	
mORF_+_985901	985901	985915	+	2	15	TTG	TGA	0	0	
mORF_+_985934	985934	985963	+	2	30	TTG	TGA	0	0	
mORF_+_985985	985985	985993	+	2	9	TTG	TGA	0	0	
mORF_+_986027	986027	986047	+	2	21	ATG	TAA	0	0	
mORF_+_986066	986066	986077	+	2	12	TTG	TAA	0	0	
mORF_+_986111	986111	986131	+	2	21	TTG	TAG	0	0	
mORF_+_986145	986145	986270	+	3	126	TTG	TAA	0	0	
mORF_+_986192	986192	986257	+	2	66	TTG	TAA	0	0	
mORF_+_986286	986286	986414	+	3	129	TTG	TAA	0	0	
mORF_+_986297	986297	986356	+	2	60	TTG	TGA	0	0	
mORF_+_986308	986308	986340	+	1	33	ATG	TAA	0	0	
mORF_+_986353	986353	986373	+	1	21	GTG	TAA	0	0	
mORF_+_986378	986378	986404	+	2	27	TTG	TAA	0	0	
mORF_+_986428	986428	986433	+	1	6	TTG	TGA	0	0	
mORF_+_986430	986430	986453	+	3	24	GTG	TAG	0	0	
mORF_+_986458	986458	986538	+	1	81	GTG	TGA	0	0	
mORF_+_986492	986492	986515	+	2	24	ATG	TAA	0	0	
mORF_+_986529	986529	986657	+	3	129	TTG	TAG	0	0	

mORF_+_986608	986608	986619	+	1	12	TTG	TAG	0	0	
mORF_+_986647	986647	986670	+	1	24	ATG	TAA	0	0	
mORF_+_986661	986661	986684	+	3	24	TTG	TAA	0	0	
mORF_+_986671	986671	986694	+	1	24	ATG	TAA	0	0	
mORF_+_986699	986699	986740	+	2	42	ATG	TAA	0	0	
mORF_+_986728	986728	986751	+	1	24	TTG	TAA	0	0	
mORF_+_986753	986753	986797	+	2	45	TTG	TGA	0	0	
mORF_+_986794	986794	986811	+	1	18	TTG	TAG	0	0	
mORF_+_986834	986834	987040	+	2	207	GTG	TGA	0	0	
mORF_+_986862	986862	986915	+	3	54	TTG	TGA	0	0	
mORF_+_986916	986916	987317	+	3	402	ATG	TGA	0	0	
mORF_+_987037	987037	987111	+	1	75	ATG	TAG	0	0	
mORF_+_987152	987152	987160	+	2	9	GTG	TAA	0	0	
mORF_+_987253	987253	987273	+	1	21	ATG	TAA	0	0	
mORF_+_987298	987298	987483	+	1	186	ATG	TGA	0	0	
mORF_+_987314	987314	987388	+	2	75	GTG	TGA	0	0	
mORF_+_987480	987480	987728	+	3	249	GTG	TGA	0	0	
mORF_+_987490	987490	987531	+	1	42	GTG	TAA	0	0	
mORF_+_987535	987535	987555	+	1	21	TTG	TAG	0	0	
mORF_+_987542	987542	987670	+	2	129	ATG	TAG	0	0	
mORF_+_987613	987613	987636	+	1	24	TTG	TGA	0	0	
mORF_+_987707	987707	987715	+	2	9	ATG	TAA	0	0	
mORF_+_987719	987719	987754	+	2	36	GTG	TAA	0	0	
mORF_+_987762	987762	988115	+	3	354	ATG	TGA	0	0	
mORF_+_987815	987815	987988	+	2	174	TTG	TGA	0	0	
mORF_+_987817	987817	987834	+	1	18	GTG	TGA	0	0	
mORF_+_987856	987856	987885	+	1	30	ATG	TAA	0	0	
mORF_+_987886	987886	987933	+	1	48	GTG	TGA	0	0	
mORF_+_987985	987985	988029	+	1	45	ATG	TAA	0	0	
mORF_+_988030	988030	988086	+	1	57	TTG	TAA	0	0	
mORF_+_988102	988102	988371	+	1	270	ATG	TGA	0	0	
mORF_+_988112	988112	988150	+	2	39	TTG	TGA	0	0	
mORF_+_988260	988260	988580	+	3	321	ATG	TAA	0	0	
mORF_+_988274	988274	988339	+	2	66	ATG	TAA	0	0	
mORF_+_988414	988414	988689	+	1	276	TTG	TAA	0	0	
mORF_+_988581	988581	988610	+	3	30	TTG	TAG	0	0	
mORF_+_988664	988664	988759	+	2	96	GTG	TAG	0	0	
mORF_+_988689	988689	988814	+	3	126	ATG	TAA	0	0	
mORF_+_988696	988696	988737	+	1	42	ATG	TGA	0	0	
mORF_+_988798	988798	988902	+	1	105	GTG	TGA	0	0	
mORF_+_988814	988814	988894	+	2	81	ATG	TGA	0	0	
mORF_+_988827	988827	988883	+	3	57	TTG	TAG	0	0	
mORF_+_988896	988896	989102	+	3	207	TTG	TAA	0	0	
mORF_+_988904	988904	988945	+	2	42	GTG	TGA	0	0	
mORF_+_988942	988942	988971	+	1	30	GTG	TAG	0	0	
mORF_+_988972	988972	989175	+	1	204	TTG	TAG	0	0	
mORF_+_989145	989145	989168	+	3	24	TTG	TGA	0	0	
mORF_+_989165	989165	989194	+	2	30	GTG	TGA	0	0	
mORF_+_989178	989178	989249	+	3	72	ATG	TAA	0	0	
mORF_+_989224	989224	989331	+	1	108	ATG	TAG	0	0	
mORF_+_989289	989289	989318	+	3	30	TTG	TAA	0	0	
mORF_+_989391	989391	989615	+	3	225	GTG	TAG	0	0	
mORF_+_989573	989573	989581	+	2	9	GTG	TAG	0	0	
mORF_+_989582	989582	989623	+	2	42	GTG	TAA	0	0	
mORF_+_989652	989652	989738	+	3	87	TTG	TAG	0	0	
mORF_+_989687	989687	989809	+	2	123	ATG	TGA	0	0	
mORF_+_989722	989722	989730	+	1	9	ATG	TAA	0	0	
mORF_+_989751	989751	989768	+	3	18	TTG	TGA	0	0	
mORF_+_989829	989829	989909	+	3	81	ATG	TGA	0	0	
mORF_+_989845	989845	992457	+	1	2613	ATG	TGA	115	698	pORF_+_989845
mORF_+_989885	989885	989920	+	2	36	GTG	TGA	0	0	
mORF_+_989924	989924	990139	+	2	216	TTG	TAA	0	0	
mORF_+_990054	990054	990098	+	3	45	GTG	TAA	0	0	

mORF+_990185	990185	990472	+	2	288	ATG	TAG	0	0
mORF+_990192	990192	990206	+	3	15	TTG	TGA	0	0
mORF+_990360	990360	990428	+	3	69	TTG	TGA	0	0
mORF+_990503	990503	990526	+	2	24	TTG	TGA	0	0
mORF+_990516	990516	990557	+	3	42	GTG	TGA	0	0
mORF+_990554	990554	990598	+	2	45	ATG	TGA	0	0
mORF+_990668	990668	990769	+	2	102	ATG	TGA	0	0
mORF+_990845	990845	990961	+	2	117	TTG	TGA	0	0
mORF+_991028	991028	991189	+	2	162	TTG	TGA	0	0
mORF+_991158	991158	991316	+	3	159	TTG	TGA	0	0
mORF+_991298	991298	991333	+	2	36	TTG	TGA	0	0
mORF+_991400	991400	991465	+	2	66	TTG	TGA	0	0
mORF+_991443	991443	991478	+	3	36	GTG	TAA	0	0
mORF+_991479	991479	991523	+	3	45	GTG	TAA	0	0
mORF+_991514	991514	991579	+	2	66	ATG	TGA	0	0
mORF+_991625	991625	991696	+	2	72	ATG	TGA	0	0
mORF+_991712	991712	991945	+	2	234	ATG	TGA	0	0
mORF+_991979	991979	992038	+	2	60	ATG	TGA	0	0
mORF+_992022	992022	992030	+	3	9	TTG	TGA	0	0
mORF+_992058	992058	992087	+	3	30	GTG	TAA	0	0
mORF+_992088	992088	992300	+	3	213	ATG	TAA	0	0
mORF+_992123	992123	992173	+	2	51	ATG	TGA	0	0
mORF+_992201	992201	992323	+	2	123	TTG	TGA	0	0
mORF+_992324	992324	992335	+	2	12	TTG	TGA	0	0
mORF+_992354	992354	992398	+	2	45	ATG	TGA	0	0
mORF+_992454	992454	992717	+	3	264	TTG	TAA	0	0
mORF+_992539	992539	992580	+	1	42	TTG	TAA	0	0
mORF+_992695	992695	992739	+	1	45	ATG	TGA	0	0
mORF+_992736	992736	992954	+	3	219	GTG	TAA	0	0
mORF+_992821	992821	992961	+	1	141	ATG	TAA	0	0
mORF+_993023	993023	993034	+	2	12	GTG	TGA	0	0
mORF+_993048	993048	993227	+	3	180	GTG	TGA	0	0
mORF+_993050	993050	993157	+	2	108	GTG	TGA	0	0
mORF+_993169	993169	993174	+	1	6	ATG	TAA	0	0
mORF+_993181	993181	993288	+	1	108	TTG	TGA	0	0
mORF+_993212	993212	993337	+	2	126	TTG	TGA	0	0
mORF+_993234	993234	993323	+	3	90	ATG	TAA	0	0
mORF+_993349	993349	993366	+	1	18	TTG	TAA	0	0
mORF+_993396	993396	993440	+	3	45	TTG	TGA	0	0
mORF+_993433	993433	993576	+	1	144	ATG	TAG	0	0
mORF+_993515	993515	993550	+	2	36	TTG	TAA	0	0
mORF+_993543	993543	993569	+	3	27	ATG	TAA	0	0
mORF+_993616	993616	993639	+	1	24	ATG	TAA	0	0
mORF+_993621	993621	993650	+	3	30	ATG	TAG	0	0
mORF+_993640	993640	993753	+	1	114	ATG	TGA	0	0
mORF+_993677	993677	993799	+	2	123	TTG	TAA	0	0
mORF+_993729	993729	993758	+	3	30	ATG	TGA	0	0
mORF+_993833	993833	993865	+	2	33	TTG	TGA	0	0
mORF+_993873	993873	993935	+	3	63	ATG	TGA	0	0
mORF+_993932	993932	994069	+	2	138	GTG	TAG	0	0
mORF+_993978	993978	994007	+	3	30	TTG	TAA	0	0
mORF+_993994	993994	994326	+	1	333	ATG	TAA	0	0
mORF+_994154	994154	994219	+	2	66	ATG	TAG	0	0
mORF+_994241	994241	994633	+	2	393	ATG	TAG	0	0
mORF+_994381	994381	994386	+	1	6	ATG	TAA	0	0
mORF+_994402	994402	994476	+	1	75	TTG	TAA	0	0
mORF+_994428	994428	994451	+	3	24	ATG	TAG	0	0
mORF+_994525	994525	994674	+	1	150	ATG	TGA	0	0
mORF+_994692	994692	994763	+	3	72	GTG	TGA	0	0
mORF+_994708	994708	994788	+	1	81	TTG	TAA	0	0
mORF+_994760	994760	994828	+	2	69	TTG	TAG	0	0
mORF+_994837	994837	994917	+	1	81	ATG	TGA	0	0
mORF+_994872	994872	994889	+	3	18	GTG	TGA	0	0

mORF+_994886	994886	995083	+	2	198	GTG	TAG	0	0
mORF+_994914	994914	994958	+	3	45	TTG	TAG	0	0
mORF+_994959	994959	995213	+	3	255	GTG	TAA	0	0
mORF+_995101	995101	995142	+	1	42	TTG	TGA	0	0
mORF+_995164	995164	995187	+	1	24	ATG	TAA	0	0
mORF+_995214	995214	995318	+	3	105	TTG	TAA	0	0
mORF+_995233	995233	995292	+	1	60	GTG	TAA	0	0
mORF+_995344	995344	995367	+	1	24	TTG	TGA	0	0
mORF+_995364	995364	995372	+	3	9	ATG	TAA	0	0
mORF+_995390	995390	995470	+	2	81	GTG	TAA	0	0
mORF+_995425	995425	995490	+	1	66	ATG	TGA	0	0
mORF+_995430	995430	995453	+	3	24	TTG	TAA	0	0
mORF+_995474	995474	995494	+	2	21	TTG	TAA	0	0
mORF+_995547	995547	995594	+	3	48	TTG	TAA	0	0
mORF+_995551	995551	995610	+	1	60	TTG	TAG	0	0
mORF+_995597	995597	995626	+	2	30	ATG	TAG	0	0
mORF+_995646	995646	995738	+	3	93	TTG	TAA	0	0
mORF+_995686	995686	995721	+	1	36	GTG	TGA	0	0
mORF+_995726	995726	995788	+	2	63	GTG	TAA	0	0
mORF+_995743	995743	995766	+	1	24	TTG	TGA	0	0
mORF+_995745	995745	995750	+	3	6	GTG	TGA	0	0
mORF+_995776	995776	995781	+	1	6	TTG	TGA	0	0
mORF+_995778	995778	995951	+	3	174	GTG	TAA	0	0
mORF+_995803	995803	996012	+	1	210	TTG	TAG	0	0
mORF+_995852	995852	996121	+	2	270	GTG	TAG	0	0
mORF+_995964	995964	996002	+	3	39	TTG	TGA	0	0
mORF+_996030	996030	996083	+	3	54	GTG	TAA	0	0
mORF+_996154	996154	996243	+	1	90	ATG	TAG	0	0
mORF+_996222	996222	996278	+	3	57	ATG	TGA	0	0
mORF+_996262	996262	996312	+	1	51	TTG	TGA	0	0
mORF+_996275	996275	996292	+	2	18	GTG	TGA	0	0
mORF+_996309	996309	996374	+	3	66	GTG	TAA	0	0
mORF+_996331	996331	996363	+	1	33	GTG	TAA	0	0
mORF+_996397	996397	996429	+	1	33	ATG	TAG	0	0
mORF+_996437	996437	996496	+	2	60	TTG	TAG	0	0
mORF+_996442	996442	996597	+	1	156	TTG	TAG	0	0
mORF+_996515	996515	996592	+	2	78	GTG	TAA	0	0
mORF+_996567	996567	996725	+	3	159	GTG	TGA	0	0
mORF+_996616	996616	996657	+	1	42	TTG	TAG	0	0
mORF+_996722	996722	996772	+	2	51	GTG	TAA	0	0
mORF+_996766	996766	996858	+	1	93	TTG	TAA	0	0
mORF+_996830	996830	996847	+	2	18	TTG	TGA	0	0
mORF+_996893	996893	996907	+	2	15	TTG	TAG	0	0
mORF+_996908	996908	996922	+	2	15	ATG	TGA	0	0
mORF+_996919	996919	996939	+	1	21	ATG	TAA	0	0
mORF+_996953	996953	996970	+	2	18	ATG	TAA	0	0
mORF+_996975	996975	997085	+	3	111	TTG	TGA	0	0
mORF+_996985	996985	997008	+	1	24	TTG	TAA	0	0
mORF+_997009	997009	997035	+	1	27	ATG	TAA	0	0
mORF+_997082	997082	997630	+	2	549	ATG	TAA	0	0
mORF+_997101	997101	997109	+	3	9	GTG	TGA	0	0
mORF+_997129	997129	997158	+	1	30	ATG	TGA	0	0
mORF+_997131	997131	997187	+	3	57	GTG	TAA	0	0
mORF+_997194	997194	997229	+	3	36	ATG	TAG	0	0
mORF+_997216	997216	997269	+	1	54	TTG	TAG	0	0
mORF+_997263	997263	997334	+	3	72	ATG	TAA	0	0
mORF+_997339	997339	997344	+	1	6	TTG	TGA	0	0
mORF+_997341	997341	997355	+	3	15	GTG	TAA	0	0
mORF+_997362	997362	997469	+	3	108	ATG	TGA	0	0
mORF+_997470	997470	997544	+	3	75	ATG	TGA	0	0
mORF+_997554	997554	997595	+	3	42	TTG	TGA	0	0
mORF+_997596	997596	997604	+	3	9	ATG	TAA	0	0
mORF+_997644	997644	997655	+	3	12	TTG	TAA	0	0

mORF+_997670	997670	997798	+	2	129	GTG	TAA	0	0
mORF+_997713	997713	998414	+	3	702	ATG	TAA	0	0
mORF+_997738	997738	997743	+	1	6	TTG	TGA	0	0
mORF+_997807	997807	997914	+	1	108	TTG	TGA	0	0
mORF+_997907	997907	997927	+	2	21	ATG	TAA	0	0
mORF+_997966	997966	997974	+	1	9	TTG	TGA	0	0
mORF+_997984	997984	998106	+	1	123	ATG	TGA	0	0
mORF+_998110	998110	998157	+	1	48	TTG	TAG	0	0
mORF+_998192	998192	998209	+	2	18	TTG	TGA	0	0
mORF+_998269	998269	998280	+	1	12	GTG	TAG	0	0
mORF+_998305	998305	998355	+	1	51	TTG	TAA	0	0
mORF+_998371	998371	998472	+	1	102	ATG	TAA	0	0
mORF+_998439	998439	1001039	+	3	2601	ATG	TAA	0	0
mORF+_998479	998479	998628	+	1	150	GTG	TAA	0	0
mORF+_998644	998644	998661	+	1	18	GTG	TGA	0	0
mORF+_998671	998671	998676	+	1	6	TTG	TAG	0	0
mORF+_998695	998695	998706	+	1	12	TTG	TAA	0	0
mORF+_998722	998722	998736	+	1	15	TTG	TGA	0	0
mORF+_998752	998752	998850	+	1	99	ATG	TAA	0	0
mORF+_998810	998810	998857	+	2	48	GTG	TAA	0	0
mORF+_998857	998857	998862	+	1	6	ATG	TGA	0	0
mORF+_998911	998911	999042	+	1	132	ATG	TGA	0	0
mORF+_998939	998939	998947	+	2	9	TTG	TGA	0	0
mORF+_999052	999052	999066	+	1	15	GTG	TAG	0	0
mORF+_999071	999071	999106	+	2	36	ATG	TAG	0	0
mORF+_999109	999109	999171	+	1	63	GTG	TGA	0	0
mORF+_999125	999125	999193	+	2	69	ATG	TGA	0	0
mORF+_999190	999190	999282	+	1	93	GTG	TGA	0	0
mORF+_999289	999289	999333	+	1	45	TTG	TAA	0	0
mORF+_999346	999346	999435	+	1	90	ATG	TAG	0	0
mORF+_999436	999436	999534	+	1	99	TTG	TGA	0	0
mORF+_999562	999562	999744	+	1	183	ATG	TAG	0	0
mORF+_999602	999602	999652	+	2	51	GTG	TGA	0	0
mORF+_999787	999787	999828	+	1	42	ATG	TGA	0	0
mORF+_999892	999892	1000005	+	1	114	ATG	TAG	0	0
mORF+_999935	999935	1000036	+	2	102	GTG	TAG	0	0
mORF+_1000030	1000030	1000182	+	1	153	GTG	TAA	0	0
mORF+_1000222	1000222	1000260	+	1	39	ATG	TGA	0	0
mORF+_1000330	1000330	1000344	+	1	15	ATG	TGA	0	0
mORF+_1000390	1000390	1000479	+	1	90	ATG	TGA	0	0
mORF+_1000504	1000504	1000560	+	1	57	TTG	TGA	0	0
mORF+_1000561	1000561	1000611	+	1	51	TTG	TGA	0	0
mORF+_1000636	1000636	1000695	+	1	60	TTG	TAA	0	0
mORF+_1000711	1000711	1000725	+	1	15	TTG	TAG	0	0
mORF+_1000771	1000771	1000797	+	1	27	ATG	TAA	0	0
mORF+_1000831	1000831	1000842	+	1	12	TTG	TAG	0	0
mORF+_1000879	1000879	1000932	+	1	54	TTG	TAA	0	0
mORF+_1000964	1000964	1001002	+	2	39	TTG	TAA	0	0
mORF+_1001023	1001023	1001124	+	1	102	ATG	TAG	0	0
mORF+_1001030	1001030	1002100	+	2	1071	ATG	TAA	0	0
mORF+_1001043	1001043	1001093	+	3	51	TTG	TAA	0	0
mORF+_1001131	1001131	1001181	+	1	51	GTG	TAA	0	0
mORF+_1001160	1001160	1001216	+	3	57	TTG	TAG	0	0
mORF+_1001236	1001236	1001253	+	1	18	GTG	TGA	0	0
mORF+_1001250	1001250	1001330	+	3	81	ATG	TAG	0	0
mORF+_1001272	1001272	1001280	+	1	9	TTG	TAA	0	0
mORF+_1001302	1001302	1001361	+	1	60	ATG	TAA	0	0
mORF+_1001361	1001361	1001489	+	3	129	ATG	TAG	0	0
mORF+_1001455	1001455	1001511	+	1	57	ATG	TAA	0	0
mORF+_1001490	1001490	1001531	+	3	42	GTG	TGA	0	0
mORF+_1001550	1001550	1001651	+	3	102	TTG	TAG	0	0
mORF+_1001596	1001596	1001619	+	1	24	ATG	TGA	0	0
mORF+_1001682	1001682	1001729	+	3	48	TTG	TAG	0	0

mORF_+_1001689	1001689	1001718	+	1	30	ATG	TGA	0	0	
mORF_+_1001730	1001730	1001762	+	3	33	GTG	TAG	0	0	
mORF_+_1001775	1001775	1001837	+	3	63	TTG	TAG	0	0	
mORF_+_1001812	1001812	1001817	+	1	6	GTG	TAA	0	0	
mORF_+_1001841	1001841	1001852	+	3	12	ATG	TGA	0	0	
mORF_+_1001961	1001961	1002014	+	3	54	GTG	TGA	0	0	
mORF_+_1002015	1002015	1002083	+	3	69	ATG	TGA	0	0	
mORF_+_1002093	1002093	1002107	+	3	15	TTG	TGA	0	0	
mORF_+_1002104	1002104	1002115	+	2	12	GTG	TGA	0	0	
mORF_+_1002112	1002112	1002654	+	1	543	ATG	TGA	0	0	
mORF_+_1002135	1002135	1002155	+	3	21	GTG	TAG	0	0	
mORF_+_1002170	1002170	1002319	+	2	150	ATG	TAA	0	0	
mORF_+_1002354	1002354	1002392	+	3	39	TTG	TAG	0	0	
mORF_+_1002356	1002356	1002433	+	2	78	GTG	TAA	0	0	
mORF_+_1002452	1002452	1002544	+	2	93	GTG	TAA	0	0	
mORF_+_1002614	1002614	1003177	+	2	564	ATG	TAA	0	0	
mORF_+_1002651	1002651	1002662	+	3	12	GTG	TGA	0	0	
mORF_+_1002706	1002706	1002717	+	1	12	GTG	TGA	0	0	
mORF_+_1002714	1002714	1002815	+	3	102	GTG	TAG	0	0	
mORF_+_1002772	1002772	1002792	+	1	21	ATG	TAG	0	0	
mORF_+_1002819	1002819	1002830	+	3	12	ATG	TGA	0	0	
mORF_+_1002843	1002843	1003031	+	3	189	ATG	TGA	0	0	
mORF_+_1002889	1002889	1002915	+	1	27	TTG	TGA	0	0	
mORF_+_1003095	1003095	1003142	+	3	48	ATG	TGA	0	0	
mORF_+_1003143	1003143	1003880	+	3	738	ATG	TGA	0	0	
mORF_+_1003181	1003181	1003237	+	2	57	GTG	TGA	0	0	
mORF_+_1003234	1003234	1003314	+	1	81	GTG	TGA	0	0	
mORF_+_1003370	1003370	1003516	+	2	147	TTG	TGA	0	0	
mORF_+_1003513	1003513	1003521	+	1	9	TTG	TAA	0	0	
mORF_+_1003525	1003525	1003566	+	1	42	TTG	TAA	0	0	
mORF_+_1003672	1003672	1003713	+	1	42	GTG	TGA	0	0	
mORF_+_1003723	1003723	1003728	+	1	6	GTG	TAA	0	0	
mORF_+_1003729	1003729	1003743	+	1	15	ATG	TAA	0	0	
mORF_+_1003747	1003747	1003833	+	1	87	ATG	TAA	0	0	
mORF_+_1003790	1003790	1003837	+	2	48	GTG	TGA	0	0	
mORF_+_1003834	1003834	1003851	+	1	18	ATG	TGA	0	0	
mORF_+_1003852	1003852	1004013	+	1	162	GTG	TAA	0	0	
mORF_+_1003899	1003899	1004147	+	3	249	TTG	TGA	0	0	
mORF_+_1003910	1003910	1003951	+	2	42	TTG	TAA	0	0	
mORF_+_1003964	1003964	1005001	+	2	1038	TTG	TAA	40	359	pORF_+_1003964
mORF_+_1004163	1004163	1004213	+	3	51	TTG	TAG	0	0	
mORF_+_1004197	1004197	1004205	+	1	9	GTG	TGA	0	0	
mORF_+_1004226	1004226	1004303	+	3	78	TTG	TAG	0	0	
mORF_+_1004304	1004304	1004318	+	3	15	ATG	TGA	0	0	
mORF_+_1004343	1004343	1004363	+	3	21	TTG	TAG	0	0	
mORF_+_1004385	1004385	1004459	+	3	75	ATG	TGA	0	0	
mORF_+_1004461	1004461	1004553	+	1	93	TTG	TGA	0	0	
mORF_+_1004478	1004478	1004573	+	3	96	ATG	TAA	0	0	
mORF_+_1004595	1004595	1004639	+	3	45	ATG	TGA	0	0	
mORF_+_1004679	1004679	1004693	+	3	15	TTG	TAG	0	0	
mORF_+_1004706	1004706	1004762	+	3	57	TTG	TGA	0	0	
mORF_+_1004767	1004767	1004907	+	1	141	TTG	TGA	0	0	
mORF_+_1004781	1004781	1004789	+	3	9	GTG	TAA	0	0	
mORF_+_1004790	1004790	1004810	+	3	21	GTG	TAA	0	0	
mORF_+_1004871	1004871	1004975	+	3	105	GTG	TGA	0	0	
mORF_+_1005057	1005057	1005158	+	3	102	TTG	TAG	0	0	
mORF_+_1005077	1005077	1005088	+	2	12	TTG	TAG	0	0	
mORF_+_1005094	1005094	1005111	+	1	18	TTG	TGA	0	0	
mORF_+_1005137	1005137	1005163	+	2	27	TTG	TAG	0	0	
mORF_+_1005139	1005139	1005717	+	1	579	GTG	TAA	2	16	pORF_+_1005139
mORF_+_1005204	1005204	1005218	+	3	15	TTG	TGA	0	0	
mORF_+_1005215	1005215	1005235	+	2	21	ATG	TGA	0	0	
mORF_+_1005251	1005251	1005292	+	2	42	ATG	TGA	0	0	

mORF_+_1005299	1005299	1005412	+	2	114	ATG	TGA	0	0	
mORF_+_1005321	1005321	1005329	+	3	9	TTG	TGA	0	0	
mORF_+_1005363	1005363	1005377	+	3	15	GTG	TAA	0	0	
mORF_+_1005413	1005413	1005424	+	2	12	ATG	TAG	0	0	
mORF_+_1005467	1005467	1005526	+	2	60	TTG	TGA	0	0	
mORF_+_1005486	1005486	1005563	+	3	78	GTG	TGA	0	0	
mORF_+_1005560	1005560	1005658	+	2	99	TTG	TGA	0	0	
mORF_+_1005585	1005585	1005650	+	3	66	ATG	TAA	0	0	
mORF_+_1005683	1005683	1005730	+	2	48	ATG	TAA	0	0	
mORF_+_1005731	1005731	1005805	+	2	75	GTG	TGA	0	0	
mORF_+_1005763	1005763	1005825	+	1	63	ATG	TGA	0	0	
mORF_+_1005844	1005844	1005864	+	1	21	ATG	TAA	0	0	
mORF_+_1005891	1005891	1006085	+	3	195	TTG	TAA	0	0	
mORF_+_1005926	1005926	1005976	+	2	51	ATG	TGA	0	0	
mORF_+_1005973	1005973	1006011	+	1	39	GTG	TAA	0	0	
mORF_+_1006016	1006016	1006189	+	2	174	TTG	TGA	0	0	
mORF_+_1006123	1006123	1006386	+	1	264	GTG	TAA	0	0	
mORF_+_1006134	1006134	1006148	+	3	15	TTG	TAA	0	0	
mORF_+_1006164	1006164	1006283	+	3	120	ATG	TGA	0	0	
mORF_+_1006314	1006314	1006361	+	3	48	TTG	TAA	0	0	
mORF_+_1006403	1006403	1006507	+	2	105	ATG	TGA	0	0	
mORF_+_1006417	1006417	1006797	+	1	381	GTG	TGA	0	0	
mORF_+_1006422	1006422	1006466	+	3	45	GTG	TAA	0	0	
mORF_+_1006467	1006467	1006496	+	3	30	TTG	TAG	0	0	
mORF_+_1006536	1006536	1006646	+	3	111	ATG	TGA	0	0	
mORF_+_1006538	1006538	1006621	+	2	84	GTG	TGA	0	0	
mORF_+_1006643	1006643	1006654	+	2	12	GTG	TAA	0	0	
mORF_+_1006758	1006758	1006814	+	3	57	ATG	TAA	0	0	
mORF_+_1006760	1006760	1006765	+	2	6	GTG	TAA	0	0	
mORF_+_1006814	1006814	1007056	+	2	243	ATG	TAA	0	0	
mORF_+_1006825	1006825	1006863	+	1	39	GTG	TGA	0	0	
mORF_+_1006860	1006860	1006868	+	3	9	ATG	TGA	0	0	
mORF_+_1006939	1006939	1007016	+	1	78	TTG	TGA	0	0	
mORF_+_1007004	1007004	1007051	+	3	48	ATG	TAG	0	0	
mORF_+_1007059	1007059	1007070	+	1	12	GTG	TGA	0	0	
mORF_+_1007067	1007067	1009175	+	3	2109	ATG	TGA	16	43	pORF_+_1007067
mORF_+_1007080	1007080	1007115	+	1	36	TTG	TAA	0	0	
mORF_+_1007143	1007143	1007211	+	1	69	TTG	TGA	0	0	
mORF_+_1007147	1007147	1007260	+	2	114	ATG	TAA	0	0	
mORF_+_1007290	1007290	1007361	+	1	72	GTG	TGA	0	0	
mORF_+_1007362	1007362	1007397	+	1	36	ATG	TGA	0	0	
mORF_+_1007419	1007419	1007529	+	1	111	ATG	TGA	0	0	
mORF_+_1007530	1007530	1007613	+	1	84	GTG	TGA	0	0	
mORF_+_1007657	1007657	1007683	+	2	27	GTG	TGA	0	0	
mORF_+_1007659	1007659	1007679	+	1	21	GTG	TGA	0	0	
mORF_+_1007680	1007680	1007784	+	1	105	TTG	TGA	0	0	
mORF_+_1007732	1007732	1007743	+	2	12	TTG	TAG	0	0	
mORF_+_1007875	1007875	1007916	+	1	42	GTG	TGA	0	0	
mORF_+_1007923	1007923	1007931	+	1	9	TTG	TGA	0	0	
mORF_+_1007935	1007935	1007949	+	1	15	ATG	TGA	0	0	
mORF_+_1008034	1008034	1008066	+	1	33	TTG	TGA	0	0	
mORF_+_1008076	1008076	1008123	+	1	48	TTG	TAA	0	0	
mORF_+_1008139	1008139	1008240	+	1	102	GTG	TAG	0	0	
mORF_+_1008290	1008290	1008313	+	2	24	GTG	TGA	0	0	
mORF_+_1008310	1008310	1008504	+	1	195	TTG	TGA	0	0	
mORF_+_1008314	1008314	1008331	+	2	18	ATG	TGA	0	0	
mORF_+_1008511	1008511	1008603	+	1	93	GTG	TGA	0	0	
mORF_+_1008596	1008596	1008877	+	2	282	GTG	TGA	0	0	
mORF_+_1008730	1008730	1008741	+	1	12	ATG	TAG	0	0	
mORF_+_1008745	1008745	1008816	+	1	72	GTG	TGA	0	0	
mORF_+_1008817	1008817	1008825	+	1	9	ATG	TGA	0	0	
mORF_+_1008832	1008832	1008846	+	1	15	GTG	TGA	0	0	
mORF_+_1008874	1008874	1008900	+	1	27	GTG	TGA	0	0	

mORF+_1008946	1008946	1008981	+	1	36	ATG	TGA	0	0	
mORF+_1009006	1009006	1009086	+	1	81	GTG	TGA	0	0	
mORF+_1009187	1009187	1011094	+	2	1908	ATG	TGA	19	47	pORF+_1009187
mORF+_1009206	1009206	1009322	+	3	117	ATG	TAA	0	0	
mORF+_1009213	1009213	1009248	+	1	36	ATG	TAA	0	0	
mORF+_1009282	1009282	1009341	+	1	60	TTG	TGA	0	0	
mORF+_1009338	1009338	1009385	+	3	48	GTG	TGA	0	0	
mORF+_1009386	1009386	1009391	+	3	6	TTG	TAG	0	0	
mORF+_1009422	1009422	1009481	+	3	60	TTG	TGA	0	0	
mORF+_1009582	1009582	1009638	+	1	57	GTG	TAA	0	0	
mORF+_1009641	1009641	1009688	+	3	48	TTG	TAG	0	0	
mORF+_1009725	1009725	1009784	+	3	60	TTG	TGA	0	0	
mORF+_1009854	1009854	1009883	+	3	30	TTG	TGA	0	0	
mORF+_1009953	1009953	1010051	+	3	99	ATG	TGA	0	0	
mORF+_1009990	1009990	1010028	+	1	39	GTG	TAA	0	0	
mORF+_1010070	1010070	1010090	+	3	21	GTG	TGA	0	0	
mORF+_1010161	1010161	1010175	+	1	15	TTG	TAA	0	0	
mORF+_1010217	1010217	1010237	+	3	21	GTG	TGA	0	0	
mORF+_1010238	1010238	1010273	+	3	36	TTG	TAA	0	0	
mORF+_1010251	1010251	1010379	+	1	129	GTG	TAA	0	0	
mORF+_1010319	1010319	1010387	+	3	69	TTG	TGA	0	0	
mORF+_1010397	1010397	1010420	+	3	24	TTG	TGA	0	0	
mORF+_1010502	1010502	1010573	+	3	72	GTG	TGA	0	0	
mORF+_1010577	1010577	1010633	+	3	57	TTG	TGA	0	0	
mORF+_1010682	1010682	1010810	+	3	129	TTG	TGA	0	0	
mORF+_1010704	1010704	1010730	+	1	27	ATG	TAA	0	0	
mORF+_1010964	1010964	1011080	+	3	117	ATG	TAA	0	0	
mORF+_1011084	1011084	1011128	+	3	45	ATG	TGA	0	0	
mORF+_1011140	1011140	1011214	+	2	75	TTG	TAA	0	0	
mORF+_1011147	1011147	1011170	+	3	24	ATG	TGA	0	0	
mORF+_1011224	1011224	1012477	+	2	1254	ATG	TGA	0	0	
mORF+_1011226	1011226	1011273	+	1	48	GTG	TGA	0	0	
mORF+_1011240	1011240	1011344	+	3	105	ATG	TAA	0	0	
mORF+_1011319	1011319	1011465	+	1	147	ATG	TGA	0	0	
mORF+_1011357	1011357	1011437	+	3	81	ATG	TGA	0	0	
mORF+_1011447	1011447	1011569	+	3	123	TTG	TGA	0	0	
mORF+_1011562	1011562	1011705	+	1	144	TTG	TAA	0	0	
mORF+_1011684	1011684	1011710	+	3	27	GTG	TGA	0	0	
mORF+_1011726	1011726	1011734	+	3	9	TTG	TAG	0	0	
mORF+_1011754	1011754	1011798	+	1	45	GTG	TGA	0	0	
mORF+_1011765	1011765	1011854	+	3	90	GTG	TAA	0	0	
mORF+_1011811	1011811	1011924	+	1	114	ATG	TGA	0	0	
mORF+_1011924	1011924	1012007	+	3	84	ATG	TAA	0	0	
mORF+_1011934	1011934	1011948	+	1	15	GTG	TAG	0	0	
mORF+_1011985	1011985	1012035	+	1	51	GTG	TAA	0	0	
mORF+_1012111	1012111	1012239	+	1	129	ATG	TGA	0	0	
mORF+_1012209	1012209	1012253	+	3	45	ATG	TGA	0	0	
mORF+_1012257	1012257	1012277	+	3	21	ATG	TAG	0	0	
mORF+_1012293	1012293	1012346	+	3	54	TTG	TAA	0	0	
mORF+_1012368	1012368	1012376	+	3	9	GTG	TAA	0	0	
mORF+_1012380	1012380	1012388	+	3	9	TTG	TAG	0	0	
mORF+_1012422	1012422	1014122	+	3	1701	TTG	TGA	10	24	pORF+_1012422
mORF+_1012438	1012438	1012455	+	1	18	GTG	TGA	0	0	
mORF+_1012495	1012495	1012521	+	1	27	ATG	TGA	0	0	
mORF+_1012538	1012538	1012648	+	2	111	GTG	TGA	0	0	
mORF+_1012567	1012567	1012617	+	1	51	TTG	TGA	0	0	
mORF+_1012633	1012633	1012725	+	1	93	ATG	TGA	0	0	
mORF+_1012732	1012732	1012752	+	1	21	TTG	TGA	0	0	
mORF+_1012793	1012793	1012831	+	2	39	TTG	TAG	0	0	
mORF+_1012813	1012813	1012962	+	1	150	TTG	TGA	0	0	
mORF+_1013017	1013017	1013031	+	1	15	GTG	TAG	0	0	
mORF+_1013038	1013038	1013118	+	1	81	TTG	TGA	0	0	
mORF+_1013125	1013125	1013166	+	1	42	ATG	TGA	0	0	

mORF_+_1013182	1013182	1013202	+	1	21	GTG	TGA	0	0	
mORF_+_1013215	1013215	1013256	+	1	42	GTG	TAG	0	0	
mORF_+_1013293	1013293	1013349	+	1	57	ATG	TGA	0	0	
mORF_+_1013443	1013443	1013496	+	1	54	TTG	TGA	0	0	
mORF_+_1013530	1013530	1013574	+	1	45	TTG	TGA	0	0	
mORF_+_1013578	1013578	1013598	+	1	21	GTG	TGA	0	0	
mORF_+_1013620	1013620	1013667	+	1	48	GTG	TAA	0	0	
mORF_+_1013677	1013677	1013745	+	1	69	GTG	TGA	0	0	
mORF_+_1013791	1013791	1013835	+	1	45	TTG	TGA	0	0	
mORF_+_1013926	1013926	1013934	+	1	9	GTG	TGA	0	0	
mORF_+_1014004	1014004	1014039	+	1	36	TTG	TGA	0	0	
mORF_+_1014049	1014049	1014183	+	1	135	ATG	TAA	0	0	
mORF_+_1014119	1014119	1014682	+	2	564	ATG	TAA	7	20	pORF_+_1014119
mORF_+_1014141	1014141	1014263	+	3	123	TTG	TAG	0	0	
mORF_+_1014256	1014256	1014282	+	1	27	ATG	TGA	0	0	
mORF_+_1014297	1014297	1014326	+	3	30	ATG	TGA	0	0	
mORF_+_1014330	1014330	1014335	+	3	6	ATG	TGA	0	0	
mORF_+_1014336	1014336	1014404	+	3	69	TTG	TGA	0	0	
mORF_+_1014352	1014352	1014489	+	1	138	GTG	TAA	0	0	
mORF_+_1014429	1014429	1014479	+	3	51	TTG	TAA	0	0	
mORF_+_1014498	1014498	1014536	+	3	39	ATG	TGA	0	0	
mORF_+_1014526	1014526	1014606	+	1	81	GTG	TGA	0	0	
mORF_+_1014594	1014594	1014668	+	3	75	ATG	TAA	0	0	
mORF_+_1014693	1014693	1014698	+	3	6	TTG	TAA	0	0	
mORF_+_1014716	1014716	1014841	+	2	126	ATG	TGA	0	0	
mORF_+_1014748	1014748	1014816	+	1	69	GTG	TGA	0	0	
mORF_+_1014792	1014792	1014803	+	3	12	ATG	TAG	0	0	
mORF_+_1014813	1014813	1014827	+	3	15	ATG	TGA	0	0	
mORF_+_1014831	1014831	1014941	+	3	111	TTG	TGA	0	0	
mORF_+_1014838	1014838	1014870	+	1	33	TTG	TAA	0	0	
mORF_+_1014863	1014863	1014925	+	2	63	TTG	TGA	0	0	
mORF_+_1014877	1014877	1014888	+	1	12	TTG	TAG	0	0	
mORF_+_1014922	1014922	1015119	+	1	198	ATG	TAA	0	0	
mORF_+_1014938	1014938	1015105	+	2	168	ATG	TGA	2	6	pORF_+_1014938
mORF_+_1014981	1014981	1015040	+	3	60	GTG	TGA	0	0	
mORF_+_1015135	1015135	1015275	+	1	141	TTG	TAA	0	0	
mORF_+_1015293	1015293	1015307	+	3	15	ATG	TGA	0	0	
mORF_+_1015304	1015304	1015813	+	2	510	GTG	TGA	0	0	
mORF_+_1015350	1015350	1015415	+	3	66	GTG	TAG	0	0	
mORF_+_1015435	1015435	1015464	+	1	30	TTG	TAA	0	0	
mORF_+_1015509	1015509	1015673	+	3	165	TTG	TAG	0	0	
mORF_+_1015600	1015600	1015623	+	1	24	GTG	TAG	0	0	
mORF_+_1015666	1015666	1015704	+	1	39	TTG	TAA	0	0	
mORF_+_1015692	1015692	1015733	+	3	42	ATG	TAG	0	0	
mORF_+_1015741	1015741	1015794	+	1	54	GTG	TAA	0	0	
mORF_+_1015794	1015794	1015949	+	3	156	ATG	TGA	0	0	
mORF_+_1015810	1015810	1015902	+	1	93	GTG	TAA	0	0	
mORF_+_1015853	1015853	1015987	+	2	135	ATG	TGA	0	0	
mORF_+_1015984	1015984	1015995	+	1	12	GTG	TAA	0	0	
mORF_+_1015996	1015996	1016043	+	1	48	ATG	TAA	0	0	
mORF_+_1016012	1016012	1016122	+	2	111	GTG	TGA	0	0	
mORF_+_1016050	1016050	1016091	+	1	42	TTG	TAA	0	0	
mORF_+_1016135	1016135	1016152	+	2	18	GTG	TGA	0	0	
mORF_+_1016232	1016232	1016312	+	3	81	ATG	TGA	0	0	
mORF_+_1016272	1016272	1016286	+	1	15	TTG	TAG	0	0	
mORF_+_1016305	1016305	1016580	+	1	276	TTG	TAA	0	0	
mORF_+_1016309	1016309	1016437	+	2	129	ATG	TGA	0	0	
mORF_+_1016430	1016430	1016453	+	3	24	GTG	TGA	0	0	
mORF_+_1016450	1016450	1016515	+	2	66	ATG	TGA	0	0	
mORF_+_1016603	1016603	1016692	+	2	90	GTG	TAG	0	0	
mORF_+_1016670	1016670	1016711	+	3	42	GTG	TAA	0	0	
mORF_+_1016677	1016677	1016745	+	1	69	TTG	TAA	0	0	
mORF_+_1016736	1016736	1016765	+	3	30	GTG	TAA	0	0	

mORF_+_1016746	1016746	1016796	+	1	51	GTG	TGA	0	0	
mORF_+_1016766	1016766	1016843	+	3	78	ATG	TAG	0	0	
mORF_+_1016886	1016886	1016912	+	3	27	ATG	TGA	0	0	
mORF_+_1016909	1016909	1017082	+	2	174	ATG	TGA	0	0	
mORF_+_1016925	1016925	1016999	+	3	75	ATG	TAA	0	0	
mORF_+_1017031	1017031	1017183	+	1	153	TTG	TAA	0	0	
mORF_+_1017042	1017042	1017059	+	3	18	GTG	TAA	0	0	
mORF_+_1017075	1017075	1017107	+	3	33	TTG	TAA	0	0	
mORF_+_1017107	1017107	1017217	+	2	111	ATG	TGA	0	0	
mORF_+_1017214	1017214	1017222	+	1	9	GTG	TAA	0	0	
mORF_+_1017227	1017227	1017250	+	2	24	ATG	TAG	0	0	
mORF_+_1017232	1017232	1017285	+	1	54	GTG	TAG	0	0	
mORF_+_1017299	1017299	1017409	+	2	111	TTG	TGA	0	0	
mORF_+_1017360	1017360	1017419	+	3	60	ATG	TGA	0	0	
mORF_+_1017370	1017370	1017423	+	1	54	ATG	TAA	0	0	
mORF_+_1017445	1017445	1017528	+	1	84	ATG	TGA	0	0	
mORF_+_1017447	1017447	1017515	+	3	69	GTG	TAA	0	0	
mORF_+_1017515	1017515	1017538	+	2	24	ATG	TAG	0	0	
mORF_+_1017525	1017525	1017623	+	3	99	TTG	TAA	0	0	
mORF_+_1017613	1017613	1017669	+	1	57	ATG	TGA	0	0	
mORF_+_1017697	1017697	1017711	+	1	15	TTG	TGA	0	0	
mORF_+_1017708	1017708	1018160	+	3	453	ATG	TAA	7	35	pORF_+_1017708
mORF_+_1017724	1017724	1017789	+	1	66	TTG	TAA	0	0	
mORF_+_1017743	1017743	1017766	+	2	24	TTG	TAA	0	0	
mORF_+_1017811	1017811	1017870	+	1	60	GTG	TAA	0	0	
mORF_+_1017871	1017871	1017894	+	1	24	ATG	TGA	0	0	
mORF_+_1017955	1017955	1018074	+	1	120	ATG	TGA	0	0	
mORF_+_1018075	1018075	1018125	+	1	51	TTG	TGA	0	0	
mORF_+_1018264	1018264	1018428	+	1	165	TTG	TAA	0	0	
mORF_+_1018319	1018319	1018360	+	2	42	GTG	TAA	0	0	
mORF_+_1018385	1018385	1018603	+	2	219	GTG	TGA	0	0	
mORF_+_1018468	1018468	1018473	+	1	6	TTG	TAA	0	0	
mORF_+_1018486	1018486	1018500	+	1	15	ATG	TAA	0	0	
mORF_+_1018537	1018537	1018560	+	1	24	TTG	TGA	0	0	
mORF_+_1018597	1018597	1018701	+	1	105	TTG	TGA	0	0	
mORF_+_1018635	1018635	1019042	+	3	408	GTG	TAA	0	0	
mORF_+_1018655	1018655	1018807	+	2	153	GTG	TAG	0	0	
mORF_+_1018732	1018732	1018884	+	1	153	ATG	TAA	0	0	
mORF_+_1018888	1018888	1018935	+	1	48	TTG	TAG	0	0	
mORF_+_1018936	1018936	1018962	+	1	27	ATG	TAA	0	0	
mORF_+_1018955	1018955	1018972	+	2	18	TTG	TAG	0	0	
mORF_+_1018996	1018996	1019052	+	1	57	TTG	TAA	0	0	
mORF_+_1019000	1019000	1019080	+	2	81	ATG	TAA	0	0	
mORF_+_1019112	1019112	1019312	+	3	201	TTG	TGA	0	0	
mORF_+_1019134	1019134	1019370	+	1	237	TTG	TAA	0	0	
mORF_+_1019243	1019243	1019263	+	2	21	GTG	TAG	0	0	
mORF_+_1019309	1019309	1019416	+	2	108	ATG	TAA	0	0	
mORF_+_1019392	1019392	1019430	+	1	39	ATG	TAG	0	0	
mORF_+_1019431	1019431	1019649	+	1	219	TTG	TAG	0	0	
mORF_+_1019445	1019445	1019450	+	3	6	GTG	TGA	0	0	
mORF_+_1019447	1019447	1019497	+	2	51	GTG	TAA	0	0	
mORF_+_1019490	1019490	1019582	+	3	93	ATG	TGA	0	0	
mORF_+_1019504	1019504	1019572	+	2	69	TTG	TAG	0	0	
mORF_+_1019588	1019588	1019620	+	2	33	TTG	TAA	0	0	
mORF_+_1019636	1019636	1019662	+	2	27	ATG	TAG	0	0	
mORF_+_1019672	1019672	1019824	+	2	153	TTG	TAA	0	0	
mORF_+_1019679	1019679	1019687	+	3	9	GTG	TGA	0	0	
mORF_+_1019692	1019692	1019712	+	1	21	ATG	TAA	0	0	
mORF_+_1019737	1019737	1019871	+	1	135	TTG	TAA	0	0	
mORF_+_1019811	1019811	1019909	+	3	99	TTG	TGA	0	0	
mORF_+_1019849	1019849	1019890	+	2	42	GTG	TAA	0	0	
mORF_+_1019902	1019902	1020045	+	1	144	ATG	TGA	0	0	
mORF_+_1019930	1019930	1019944	+	2	15	TTG	TAA	0	0	

mORF_+_1019951	1019951	1019983	+	2	33	TTG	TAA	0	0	
mORF_+_1020002	1020002	1020103	+	2	102	TTG	TGA	0	0	
mORF_+_1020012	1020012	1020020	+	3	9	ATG	TGA	0	0	
mORF_+_1020060	1020060	1020128	+	3	69	GTG	TAG	0	0	
mORF_+_1020091	1020091	1020144	+	1	54	TTG	TAA	0	0	
mORF_+_1020119	1020119	1020133	+	2	15	ATG	TGA	0	0	
mORF_+_1020135	1020135	1020194	+	3	60	GTG	TGA	0	0	
mORF_+_1020175	1020175	1020249	+	1	75	ATG	TGA	0	0	
mORF_+_1020191	1020191	1020262	+	2	72	GTG	TAA	0	0	
mORF_+_1020237	1020237	1020344	+	3	108	TTG	TGA	0	0	
mORF_+_1020319	1020319	1020324	+	1	6	ATG	TGA	0	0	
mORF_+_1020341	1020341	1020364	+	2	24	ATG	TGA	0	0	
mORF_+_1020361	1020361	1020990	+	1	630	ATG	TAA	0	0	
mORF_+_1020425	1020425	1020460	+	2	36	TTG	TGA	0	0	
mORF_+_1020464	1020464	1020544	+	2	81	TTG	TAA	0	0	
mORF_+_1020516	1020516	1020521	+	3	6	TTG	TGA	0	0	
mORF_+_1020576	1020576	1020614	+	3	39	GTG	TGA	0	0	
mORF_+_1020578	1020578	1020640	+	2	63	GTG	TGA	0	0	
mORF_+_1020624	1020624	1020776	+	3	153	ATG	TAA	0	0	
mORF_+_1020671	1020671	1020682	+	2	12	ATG	TGA	0	0	
mORF_+_1020779	1020779	1020850	+	2	72	ATG	TGA	0	0	
mORF_+_1020813	1020813	1020875	+	3	63	GTG	TGA	0	0	
mORF_+_1020872	1020872	1021024	+	2	153	TTG	TAA	0	0	
mORF_+_1020939	1020939	1020947	+	3	9	ATG	TGA	0	0	
mORF_+_1021024	1021024	1021113	+	1	90	ATG	TAG	0	0	
mORF_+_1021043	1021043	1021117	+	2	75	TTG	TAA	0	0	
mORF_+_1021065	1021065	1021151	+	3	87	TTG	TGA	0	0	
mORF_+_1021117	1021117	1021128	+	1	12	ATG	TGA	0	0	
mORF_+_1021148	1021148	1021159	+	2	12	TTG	TAA	0	0	
mORF_+_1021229	1021229	1021246	+	2	18	GTG	TGA	0	0	
mORF_+_1021265	1021265	1021339	+	2	75	ATG	TGA	0	0	
mORF_+_1021336	1021336	1021611	+	1	276	TTG	TAA	0	0	
mORF_+_1021368	1021368	1021421	+	3	54	TTG	TGA	0	0	
mORF_+_1021370	1021370	1021579	+	2	210	GTG	TAA	0	0	
mORF_+_1021437	1021437	1021523	+	3	87	ATG	TAG	0	0	
mORF_+_1021542	1021542	1021652	+	3	111	ATG	TGA	0	0	
mORF_+_1021630	1021630	1021635	+	1	6	GTG	TGA	0	0	
mORF_+_1021645	1021645	1021695	+	1	51	TTG	TAA	0	0	
mORF_+_1021649	1021649	1021726	+	2	78	ATG	TGA	0	0	
mORF_+_1021723	1021723	1021782	+	1	60	GTG	TAA	0	0	
mORF_+_1021749	1021749	1021817	+	3	69	ATG	TAG	0	0	
mORF_+_1021799	1021799	1022041	+	2	243	GTG	TAG	0	0	
mORF_+_1021819	1021819	1021887	+	1	69	TTG	TGA	0	0	
mORF_+_1021884	1021884	1021895	+	3	12	ATG	TAG	0	0	
mORF_+_1021953	1021953	1021961	+	3	9	GTG	TGA	0	0	
mORF_+_1022041	1022041	1022124	+	1	84	GTG	TGA	0	0	
mORF_+_1022075	1022075	1022095	+	2	21	TTG	TAA	0	0	
mORF_+_1022085	1022085	1022213	+	3	129	ATG	TGA	1	2	pORF_+_1022085
mORF_+_1022137	1022137	1022184	+	1	48	GTG	TAA	0	0	
mORF_+_1022177	1022177	1022242	+	2	66	ATG	TGA	0	0	
mORF_+_1022239	1022239	1022559	+	1	321	GTG	TGA	1	3	pORF_+_1022239
mORF_+_1022246	1022246	1022434	+	2	189	TTG	TAA	0	0	
mORF_+_1022397	1022397	1022417	+	3	21	GTG	TGA	0	0	
mORF_+_1022487	1022487	1022525	+	3	39	TTG	TGA	0	0	
mORF_+_1022522	1022522	1022716	+	2	195	TTG	TGA	0	0	
mORF_+_1022547	1022547	1022570	+	3	24	ATG	TAA	0	0	
mORF_+_1022601	1022601	1022636	+	3	36	TTG	TGA	0	0	
mORF_+_1022644	1022644	1022730	+	1	87	GTG	TAG	0	0	
mORF_+_1022655	1022655	1022696	+	3	42	TTG	TGA	0	0	
mORF_+_1022730	1022730	1022735	+	3	6	GTG	TAA	0	0	
mORF_+_1022736	1022736	1022774	+	3	39	ATG	TAG	0	0	
mORF_+_1022749	1022749	1022802	+	1	54	ATG	TGA	0	0	
mORF_+_1022777	1022777	1022824	+	2	48	TTG	TAA	0	0	

mORF_+_1022799	1022799	1023056	+	3	258	ATG	TAA	0	0	
mORF_+_1023087	1023087	1023401	+	3	315	TTG	TGA	0	0	
mORF_+_1023142	1023142	1023216	+	1	75	GTG	TAG	0	0	
mORF_+_1023164	1023164	1023208	+	2	45	TTG	TAG	0	0	
mORF_+_1023259	1023259	1023405	+	1	147	TTG	TAG	0	0	
mORF_+_1023269	1023269	1023304	+	2	36	TTG	TAA	0	0	
mORF_+_1023398	1023398	1023469	+	2	72	ATG	TAA	0	0	
mORF_+_1023411	1023411	1023419	+	3	9	TTG	TAA	0	0	
mORF_+_1023438	1023438	1023617	+	3	180	GTG	TAA	0	0	
mORF_+_1023457	1023457	1023474	+	1	18	GTG	TAA	0	0	
mORF_+_1023601	1023601	1025748	+	1	2148	ATG	TAA	10	33	pORF_+_1023601
mORF_+_1023678	1023678	1023776	+	3	99	GTG	TAA	0	0	
mORF_+_1023716	1023716	1023757	+	2	42	TTG	TGA	0	0	
mORF_+_1023764	1023764	1023979	+	2	216	ATG	TGA	0	0	
mORF_+_1023852	1023852	1023947	+	3	96	ATG	TGA	0	0	
mORF_+_1023963	1023963	1024046	+	3	84	GTG	TAA	0	0	
mORF_+_1023986	1023986	1024021	+	2	36	TTG	TGA	0	0	
mORF_+_1024022	1024022	1024054	+	2	33	TTG	TGA	0	0	
mORF_+_1024047	1024047	1024061	+	3	15	ATG	TGA	0	0	
mORF_+_1024058	1024058	1024183	+	2	126	GTG	TGA	0	0	
mORF_+_1024158	1024158	1024166	+	3	9	GTG	TAA	0	0	
mORF_+_1024167	1024167	1024193	+	3	27	ATG	TGA	0	0	
mORF_+_1024190	1024190	1024285	+	2	96	TTG	TGA	0	0	
mORF_+_1024313	1024313	1024333	+	2	21	ATG	TAG	0	0	
mORF_+_1024343	1024343	1024570	+	2	228	GTG	TAG	0	0	
mORF_+_1024586	1024586	1024681	+	2	96	ATG	TGA	0	0	
mORF_+_1024623	1024623	1024715	+	3	93	GTG	TAA	0	0	
mORF_+_1024724	1024724	1024774	+	2	51	ATG	TAA	0	0	
mORF_+_1024793	1024793	1024813	+	2	21	GTG	TGA	0	0	
mORF_+_1024814	1024814	1024867	+	2	54	TTG	TGA	0	0	
mORF_+_1024895	1024895	1024903	+	2	9	GTG	TGA	0	0	
mORF_+_1024949	1024949	1024954	+	2	6	TTG	TGA	0	0	
mORF_+_1024983	1024983	1025003	+	3	21	GTG	TGA	0	0	
mORF_+_1025000	1025000	1025044	+	2	45	TTG	TAG	0	0	
mORF_+_1025087	1025087	1025188	+	2	102	TTG	TAG	0	0	
mORF_+_1025219	1025219	1025263	+	2	45	GTG	TGA	0	0	
mORF_+_1025288	1025288	1025386	+	2	99	ATG	TGA	0	0	
mORF_+_1025477	1025477	1025629	+	2	153	ATG	TAA	0	0	
mORF_+_1025664	1025664	1025678	+	3	15	ATG	TAA	0	0	
mORF_+_1025699	1025699	1025713	+	2	15	TTG	TGA	0	0	
mORF_+_1025723	1025723	1025962	+	2	240	ATG	TAG	0	0	
mORF_+_1025763	1025763	1025804	+	3	42	TTG	TAA	0	0	
mORF_+_1025841	1025841	1026140	+	3	300	TTG	TGA	0	0	
mORF_+_1025875	1025875	1026060	+	1	186	TTG	TGA	0	0	
mORF_+_1026106	1026106	1026240	+	1	135	TTG	TAA	0	0	
mORF_+_1026119	1026119	1026133	+	2	15	GTG	TAA	0	0	
mORF_+_1026137	1026137	1026217	+	2	81	TTG	TAA	0	0	
mORF_+_1026171	1026171	1026179	+	3	9	TTG	TGA	0	0	
mORF_+_1026219	1026219	1026257	+	3	39	GTG	TAA	0	0	
mORF_+_1026342	1026342	1026401	+	3	60	ATG	TAA	0	0	
mORF_+_1026346	1026346	1026519	+	1	174	TTG	TAG	0	0	
mORF_+_1026425	1026425	1026436	+	2	12	GTG	TGA	0	0	
mORF_+_1026444	1026444	1026452	+	3	9	GTG	TAG	0	0	
mORF_+_1026503	1026503	1026547	+	2	45	GTG	TAG	0	0	
mORF_+_1026519	1026519	1026593	+	3	75	GTG	TAA	0	0	
mORF_+_1026593	1026593	1026796	+	2	204	ATG	TGA	0	0	
mORF_+_1026670	1026670	1026822	+	1	153	ATG	TAA	0	0	
mORF_+_1026756	1026756	1026998	+	3	243	GTG	TAG	0	0	
mORF_+_1026826	1026826	1026921	+	1	96	ATG	TGA	0	0	
mORF_+_1026848	1026848	1027072	+	2	225	ATG	TAG	0	0	
mORF_+_1027033	1027033	1027065	+	1	33	GTG	TAA	0	0	
mORF_+_1027088	1027088	1027582	+	2	495	TTG	TAA	18	162	pORF_+_1027088
mORF_+_1027119	1027119	1027151	+	3	33	TTG	TAA	0	0	

mORF_+_1027185	1027185	1027199	+	3	15	TTG	TAA	0	0	
mORF_+_1027215	1027215	1027265	+	3	51	TTG	TGA	0	0	
mORF_+_1027317	1027317	1027481	+	3	165	TTG	TGA	0	0	
mORF_+_1027417	1027417	1027485	+	1	69	GTG	TAA	0	0	
mORF_+_1027485	1027485	1027523	+	3	39	ATG	TAA	0	0	
mORF_+_1027524	1027524	1027532	+	3	9	ATG	TGA	0	0	
mORF_+_1027551	1027551	1027946	+	3	396	TTG	TAG	0	0	
mORF_+_1027616	1027616	1027630	+	2	15	TTG	TAG	0	0	
mORF_+_1027654	1027654	1027728	+	1	75	TTG	TAG	0	0	
mORF_+_1027658	1027658	1027747	+	2	90	TTG	TAG	0	0	
mORF_+_1027750	1027750	1027761	+	1	12	ATG	TAG	0	0	
mORF_+_1027786	1027786	1027896	+	1	111	GTG	TAA	0	0	
mORF_+_1027903	1027903	1027974	+	1	72	ATG	TGA	0	0	
mORF_+_1027931	1027931	1028050	+	2	120	TTG	TAG	0	0	
mORF_+_1027971	1027971	1027979	+	3	9	TTG	TAA	0	0	
mORF_+_1028065	1028065	1028151	+	1	87	ATG	TAA	0	0	
mORF_+_1028121	1028121	1028138	+	3	18	TTG	TGA	0	0	
mORF_+_1028135	1028135	1028146	+	2	12	ATG	TGA	0	0	
mORF_+_1028225	1028225	1028242	+	2	18	ATG	TAA	0	0	
mORF_+_1028378	1028378	1028506	+	2	129	TTG	TAG	0	0	
mORF_+_1028415	1028415	1028453	+	3	39	GTG	TGA	0	0	
mORF_+_1028478	1028478	1028552	+	3	75	GTG	TAG	0	0	
mORF_+_1028591	1028591	1028605	+	2	15	TTG	TGA	0	0	
mORF_+_1028593	1028593	1028775	+	1	183	GTG	TAA	0	0	
mORF_+_1028655	1028655	1028672	+	3	18	GTG	TGA	0	0	
mORF_+_1028669	1028669	1028734	+	2	66	GTG	TAA	0	0	
mORF_+_1028775	1028775	1028846	+	3	72	ATG	TAG	0	0	
mORF_+_1028812	1028812	1028883	+	1	72	TTG	TAA	0	0	
mORF_+_1028908	1028908	1029045	+	1	138	TTG	TAA	0	0	
mORF_+_1028934	1028934	1028975	+	3	42	GTG	TAG	0	0	
mORF_+_1028966	1028966	1029031	+	2	66	ATG	TAA	0	0	
mORF_+_1029039	1029039	1029194	+	3	156	GTG	TAA	0	0	
mORF_+_1029058	1029058	1029150	+	1	93	ATG	TAA	0	0	
mORF_+_1029074	1029074	1029565	+	2	492	ATG	TAA	5	85	pORF_+_1029074
mORF_+_1029210	1029210	1029269	+	3	60	ATG	TAA	0	0	
mORF_+_1029220	1029220	1029405	+	1	186	ATG	TGA	0	0	
mORF_+_1029306	1029306	1029338	+	3	33	TTG	TAG	0	0	
mORF_+_1029402	1029402	1029461	+	3	60	TTG	TAA	0	0	
mORF_+_1029430	1029430	1029438	+	1	9	TTG	TGA	0	0	
mORF_+_1029466	1029466	1029642	+	1	177	GTG	TAA	0	0	
mORF_+_1029477	1029477	1029503	+	3	27	GTG	TAG	0	0	
mORF_+_1029582	1029582	1029614	+	3	33	TTG	TAG	0	0	
mORF_+_1029599	1029599	1029646	+	2	48	TTG	TAG	0	0	
mORF_+_1029719	1029719	1029733	+	2	15	TTG	TAG	0	0	
mORF_+_1029763	1029763	1029774	+	1	12	GTG	TGA	0	0	
mORF_+_1029771	1029771	1029842	+	3	72	GTG	TGA	0	0	
mORF_+_1029839	1029839	1029847	+	2	9	TTG	TAG	0	0	
mORF_+_1029923	1029923	1029928	+	2	6	GTG	TAA	0	0	
mORF_+_1029960	1029960	1029995	+	3	36	ATG	TAG	0	0	
mORF_+_1029976	1029976	1030299	+	1	324	GTG	TAA	0	0	
mORF_+_1030007	1030007	1030072	+	2	66	ATG	TAG	0	0	
mORF_+_1030091	1030091	1030354	+	2	264	ATG	TAG	0	0	
mORF_+_1030275	1030275	1030322	+	3	48	ATG	TAG	0	0	
mORF_+_1030355	1030355	1030381	+	2	27	GTG	TAA	0	0	
mORF_+_1030404	1030404	1030415	+	3	12	ATG	TAA	0	0	
mORF_+_1030497	1030497	1030532	+	3	36	ATG	TAA	0	0	
mORF_+_1030588	1030588	1030605	+	1	18	ATG	TGA	0	0	
mORF_+_1030592	1030592	1030675	+	2	84	GTG	TAA	0	0	
mORF_+_1030602	1030602	1030628	+	3	27	GTG	TAA	0	0	
mORF_+_1030615	1030615	1030620	+	1	6	ATG	TGA	0	0	
mORF_+_1030641	1030641	1030658	+	3	18	TTG	TGA	0	0	
mORF_+_1030662	1030662	1030667	+	3	6	ATG	TAA	0	0	
mORF_+_1030684	1030684	1030734	+	1	51	ATG	TGA	0	0	

mORF_+_1030731	1030731	1030772	+	3	42	TTG	TAA	0	0	
mORF_+_1030847	1030847	1030942	+	2	96	TTG	TGA	0	0	
mORF_+_1030908	1030908	1031000	+	3	93	GTG	TGA	0	0	
mORF_+_1030939	1030939	1030983	+	1	45	ATG	TAA	0	0	
mORF_+_1030970	1030970	1030975	+	2	6	GTG	TAA	0	0	
mORF_+_1030985	1030985	1031035	+	2	51	TTG	TAA	0	0	
mORF_+_1030993	1030993	1031022	+	1	30	TTG	TGA	0	0	
mORF_+_1031019	1031019	1031030	+	3	12	TTG	TGA	0	0	
mORF_+_1031043	1031043	1031063	+	3	21	TTG	TGA	0	0	
mORF_+_1031060	1031060	1031098	+	2	39	ATG	TAA	0	0	
mORF_+_1031167	1031167	1031271	+	1	105	TTG	TGA	0	0	
mORF_+_1031172	1031172	1031369	+	3	198	TTG	TAA	0	0	
mORF_+_1031177	1031177	1031206	+	2	30	TTG	TAA	0	0	
mORF_+_1031276	1031276	1031365	+	2	90	ATG	TGA	0	0	
mORF_+_1031281	1031281	1031316	+	1	36	TTG	TAA	0	0	
mORF_+_1031335	1031335	1032480	+	1	1146	GTG	TGA	1	10	pORF_+_1031335
mORF_+_1031433	1031433	1031438	+	3	6	TTG	TAG	0	0	
mORF_+_1031486	1031486	1031614	+	2	129	TTG	TGA	0	0	
mORF_+_1031526	1031526	1031678	+	3	153	ATG	TGA	0	0	
mORF_+_1031675	1031675	1031722	+	2	48	TTG	TAG	0	0	
mORF_+_1031783	1031783	1031962	+	2	180	TTG	TGA	0	0	
mORF_+_1031993	1031993	1032034	+	2	42	TTG	TGA	0	0	
mORF_+_1032041	1032041	1032349	+	2	309	ATG	TAA	0	0	
mORF_+_1032063	1032063	1032116	+	3	54	ATG	TGA	0	0	
mORF_+_1032356	1032356	1032517	+	2	162	TTG	TAA	0	0	
mORF_+_1032477	1032477	1034270	+	3	1794	ATG	TAA	2	12	pORF_+_1032477
mORF_+_1032517	1032517	1032582	+	1	66	ATG	TGA	0	0	
mORF_+_1032598	1032598	1032603	+	1	6	ATG	TGA	0	0	
mORF_+_1032610	1032610	1032882	+	1	273	ATG	TAG	0	0	
mORF_+_1032680	1032680	1032694	+	2	15	GTG	TGA	0	0	
mORF_+_1032821	1032821	1033000	+	2	180	GTG	TGA	0	0	
mORF_+_1032883	1032883	1032891	+	1	9	ATG	TGA	0	0	
mORF_+_1032994	1032994	1033077	+	1	84	TTG	TGA	0	0	
mORF_+_1033084	1033084	1033248	+	1	165	TTG	TGA	0	0	
mORF_+_1033190	1033190	1033207	+	2	18	TTG	TGA	0	0	
mORF_+_1033340	1033340	1033369	+	2	30	GTG	TGA	0	0	
mORF_+_1033373	1033373	1033459	+	2	87	ATG	TAA	0	0	
mORF_+_1033405	1033405	1033437	+	1	33	TTG	TGA	0	0	
mORF_+_1033474	1033474	1033644	+	1	171	ATG	TGA	0	0	
mORF_+_1033592	1033592	1033648	+	2	57	GTG	TGA	0	0	
mORF_+_1033645	1033645	1033728	+	1	84	ATG	TAA	0	0	
mORF_+_1033664	1033664	1033693	+	2	30	GTG	TAA	0	0	
mORF_+_1033747	1033747	1033779	+	1	33	ATG	TGA	0	0	
mORF_+_1033835	1033835	1033870	+	2	36	GTG	TAA	0	0	
mORF_+_1033943	1033943	1034047	+	2	105	ATG	TGA	0	0	
mORF_+_1033975	1033975	1034013	+	1	39	GTG	TAG	0	0	
mORF_+_1034035	1034035	1034133	+	1	99	ATG	TGA	0	0	
mORF_+_1034057	1034057	1034122	+	2	66	GTG	TGA	0	0	
mORF_+_1034194	1034194	1034250	+	1	57	TTG	TGA	0	0	
mORF_+_1034201	1034201	1034242	+	2	42	GTG	TAG	0	0	
mORF_+_1034289	1034289	1034996	+	3	708	ATG	TGA	0	0	
mORF_+_1034311	1034311	1034361	+	1	51	TTG	TGA	0	0	
mORF_+_1034369	1034369	1034584	+	2	216	ATG	TAA	0	0	
mORF_+_1034533	1034533	1034658	+	1	126	TTG	TAG	0	0	
mORF_+_1034591	1034591	1034611	+	2	21	GTG	TGA	0	0	
mORF_+_1034731	1034731	1034859	+	1	129	TTG	TGA	0	0	
mORF_+_1034852	1034852	1034902	+	2	51	GTG	TGA	0	0	
mORF_+_1034860	1034860	1034874	+	1	15	TTG	TGA	0	0	
mORF_+_1034881	1034881	1034928	+	1	48	ATG	TGA	0	0	
mORF_+_1034965	1034965	1034976	+	1	12	TTG	TAA	0	0	
mORF_+_1034993	1034993	1035580	+	2	588	ATG	TGA	0	0	
mORF_+_1035037	1035037	1035048	+	1	12	GTG	TGA	0	0	
mORF_+_1035045	1035045	1035140	+	3	96	ATG	TGA	0	0	

mORF_+_1035153	1035153	1035179	+	3	27	ATG	TGA	0	0	
mORF_+_1035186	1035186	1035272	+	3	87	ATG	TGA	0	0	
mORF_+_1035342	1035342	1035395	+	3	54	TTG	TGA	0	0	
mORF_+_1035450	1035450	1035560	+	3	111	TTG	TGA	0	0	
mORF_+_1035457	1035457	1035483	+	1	27	GTG	TAA	0	0	
mORF_+_1035577	1035577	1035975	+	1	399	ATG	TGA	0	0	
mORF_+_1035596	1035596	1035700	+	2	105	TTG	TAA	0	0	
mORF_+_1035606	1035606	1035647	+	3	42	GTG	TGA	0	0	
mORF_+_1035704	1035704	1035745	+	2	42	GTG	TAA	0	0	
mORF_+_1035749	1035749	1035865	+	2	117	TTG	TAG	0	0	
mORF_+_1035783	1035783	1035803	+	3	21	ATG	TGA	0	0	
mORF_+_1035899	1035899	1035925	+	2	27	ATG	TGA	0	0	
mORF_+_1035912	1035912	1036829	+	3	918	GTG	TAA	0	0	
mORF_+_1035944	1035944	1036024	+	2	81	TTG	TGA	0	0	
mORF_+_1036021	1036021	1036038	+	1	18	ATG	TGA	0	0	
mORF_+_1036066	1036066	1036119	+	1	54	ATG	TGA	0	0	
mORF_+_1036097	1036097	1036279	+	2	183	ATG	TGA	0	0	
mORF_+_1036120	1036120	1036131	+	1	12	TTG	TAA	0	0	
mORF_+_1036285	1036285	1036464	+	1	180	GTG	TGA	0	0	
mORF_+_1036322	1036322	1036456	+	2	135	ATG	TGA	0	0	
mORF_+_1036468	1036468	1036542	+	1	75	ATG	TGA	0	0	
mORF_+_1036591	1036591	1036695	+	1	105	GTG	TAA	0	0	
mORF_+_1036717	1036717	1036893	+	1	177	ATG	TAG	0	0	
mORF_+_1036796	1036796	1036840	+	2	45	ATG	TAA	0	0	
mORF_+_1036957	1036957	1038507	+	1	1551	GTG	TAA	1	2	pORF_+_1036957
mORF_+_1036965	1036965	1036979	+	3	15	GTG	TGA	0	0	
mORF_+_1036970	1036970	1037005	+	2	36	ATG	TGA	0	0	
mORF_+_1037027	1037027	1037050	+	2	24	TTG	TGA	0	0	
mORF_+_1037150	1037150	1037176	+	2	27	TTG	TGA	0	0	
mORF_+_1037192	1037192	1037266	+	2	75	TTG	TAA	0	0	
mORF_+_1037291	1037291	1037326	+	2	36	TTG	TGA	0	0	
mORF_+_1037352	1037352	1037441	+	3	90	GTG	TGA	0	0	
mORF_+_1037399	1037399	1037467	+	2	69	ATG	TGA	0	0	
mORF_+_1037513	1037513	1037527	+	2	15	TTG	TAA	0	0	
mORF_+_1037603	1037603	1037716	+	2	114	ATG	TAA	0	0	
mORF_+_1037739	1037739	1037807	+	3	69	GTG	TAA	0	0	
mORF_+_1037771	1037771	1037839	+	2	69	ATG	TAG	0	0	
mORF_+_1037969	1037969	1038055	+	2	87	GTG	TGA	0	0	
mORF_+_1038059	1038059	1038172	+	2	114	ATG	TGA	0	0	
mORF_+_1038179	1038179	1038232	+	2	54	TTG	TGA	0	0	
mORF_+_1038261	1038261	1038275	+	3	15	GTG	TGA	0	0	
mORF_+_1038266	1038266	1038292	+	2	27	TTG	TGA	0	0	
mORF_+_1038282	1038282	1038482	+	3	201	GTG	TGA	0	0	
mORF_+_1038299	1038299	1038361	+	2	63	TTG	TAA	0	0	
mORF_+_1038449	1038449	1038526	+	2	78	ATG	TGA	0	0	
mORF_+_1038519	1038519	1039655	+	3	1137	ATG	TAA	0	0	
mORF_+_1038523	1038523	1038561	+	1	39	TTG	TGA	0	0	
mORF_+_1038551	1038551	1038604	+	2	54	GTG	TGA	0	0	
mORF_+_1038562	1038562	1038570	+	1	9	TTG	TGA	0	0	
mORF_+_1038601	1038601	1038663	+	1	63	TTG	TAG	0	0	
mORF_+_1038676	1038676	1038711	+	1	36	TTG	TGA	0	0	
mORF_+_1038721	1038721	1038789	+	1	69	GTG	TGA	0	0	
mORF_+_1038800	1038800	1038832	+	2	33	GTG	TGA	0	0	
mORF_+_1038829	1038829	1038915	+	1	87	TTG	TAG	0	0	
mORF_+_1038872	1038872	1039198	+	2	327	GTG	TGA	0	0	
mORF_+_1038958	1038958	1039014	+	1	57	TTG	TGA	0	0	
mORF_+_1039048	1039048	1039059	+	1	12	TTG	TGA	0	0	
mORF_+_1039069	1039069	1039089	+	1	21	GTG	TGA	0	0	
mORF_+_1039096	1039096	1039104	+	1	9	TTG	TGA	0	0	
mORF_+_1039195	1039195	1039248	+	1	54	TTG	TAA	0	0	
mORF_+_1039273	1039273	1039284	+	1	12	GTG	TGA	0	0	
mORF_+_1039291	1039291	1039350	+	1	60	TTG	TGA	0	0	
mORF_+_1039310	1039310	1039636	+	2	327	GTG	TAA	0	0	

mORF_+_1039369	1039369	1039395	+	1	27	GTG	TGA	0	0	
mORF_+_1039414	1039414	1039422	+	1	9	TTG	TGA	0	0	
mORF_+_1039453	1039453	1039473	+	1	21	TTG	TGA	0	0	
mORF_+_1039564	1039564	1039614	+	1	51	TTG	TGA	0	0	
mORF_+_1039668	1039668	1039760	+	3	93	ATG	TAA	0	0	
mORF_+_1039670	1039670	1039810	+	2	141	GTG	TAA	0	0	
mORF_+_1039723	1039723	1039752	+	1	30	TTG	TGA	0	0	
mORF_+_1039810	1039810	1041138	+	1	1329	ATG	TAA	2	6	pORF_+_1039810
mORF_+_1039910	1039910	1039924	+	2	15	GTG	TGA	0	0	
mORF_+_1039934	1039934	1039942	+	2	9	GTG	TGA	0	0	
mORF_+_1039943	1039943	1039990	+	2	48	TTG	TGA	0	0	
mORF_+_1039997	1039997	1040032	+	2	36	ATG	TAA	0	0	
mORF_+_1040013	1040013	1040063	+	3	51	ATG	TGA	0	0	
mORF_+_1040057	1040057	1040068	+	2	12	GTG	TAA	0	0	
mORF_+_1040162	1040162	1040236	+	2	75	TTG	TAA	0	0	
mORF_+_1040301	1040301	1040315	+	3	15	TTG	TAA	0	0	
mORF_+_1040360	1040360	1040476	+	2	117	TTG	TAA	0	0	
mORF_+_1040436	1040436	1040444	+	3	9	GTG	TAA	0	0	
mORF_+_1040516	1040516	1040527	+	2	12	ATG	TAA	0	0	
mORF_+_1040531	1040531	1040539	+	2	9	GTG	TAA	0	0	
mORF_+_1040604	1040604	1040657	+	3	54	GTG	TAA	0	0	
mORF_+_1040693	1040693	1040722	+	2	30	TTG	TAG	0	0	
mORF_+_1040771	1040771	1040779	+	2	9	ATG	TGA	0	0	
mORF_+_1040894	1040894	1040929	+	2	36	GTG	TAA	0	0	
mORF_+_1040943	1040943	1040990	+	3	48	GTG	TGA	0	0	
mORF_+_1040987	1040987	1041010	+	2	24	GTG	TAA	0	0	
mORF_+_1041048	1041048	1041053	+	3	6	ATG	TGA	0	0	
mORF_+_1041050	1041050	1041106	+	2	57	GTG	TGA	0	0	
mORF_+_1041075	1041075	1041110	+	3	36	GTG	TGA	0	0	
mORF_+_1041107	1041107	1041145	+	2	39	ATG	TAA	0	0	
mORF_+_1041126	1041126	1041167	+	3	42	GTG	TGA	0	0	
mORF_+_1041168	1041168	1041176	+	3	9	ATG	TGA	0	0	
mORF_+_1041182	1041182	1041211	+	2	30	ATG	TAG	0	0	
mORF_+_1041204	1041204	1041323	+	3	120	ATG	TAA	0	0	
mORF_+_1041308	1041308	1041514	+	2	207	GTG	TAA	0	0	
mORF_+_1041381	1041381	1041578	+	3	198	TTG	TAG	0	0	
mORF_+_1041514	1041514	1041537	+	1	24	ATG	TAA	0	0	
mORF_+_1041538	1041538	1041726	+	1	189	TTG	TAA	0	0	
mORF_+_1041579	1041579	1041599	+	3	21	GTG	TAA	0	0	
mORF_+_1041617	1041617	1041715	+	2	99	TTG	TAA	0	0	
mORF_+_1041751	1041751	1041786	+	1	36	TTG	TGA	0	0	
mORF_+_1041783	1041783	1041791	+	3	9	TTG	TGA	0	0	
mORF_+_1041824	1041824	1041964	+	2	141	GTG	TGA	0	0	
mORF_+_1041865	1041865	1041882	+	1	18	ATG	TAG	0	0	
mORF_+_1041952	1041952	1041975	+	1	24	ATG	TAA	0	0	
mORF_+_1041995	1041995	1042036	+	2	42	GTG	TAA	0	0	
mORF_+_1042020	1042020	1042028	+	3	9	TTG	TAG	0	0	
mORF_+_1042043	1042043	1042189	+	2	147	ATG	TGA	0	0	
mORF_+_1042048	1042048	1042269	+	1	222	GTG	TAA	0	0	
mORF_+_1042190	1042190	1042414	+	2	225	GTG	TAA	0	0	
mORF_+_1042270	1042270	1042311	+	1	42	TTG	TAA	0	0	
mORF_+_1042327	1042327	1042608	+	1	282	TTG	TAA	0	0	
mORF_+_1042341	1042341	1042475	+	3	135	TTG	TGA	0	0	
mORF_+_1042472	1042472	1042480	+	2	9	TTG	TGA	0	0	
mORF_+_1042514	1042514	1042558	+	2	45	TTG	TAA	0	0	
mORF_+_1042562	1042562	1042678	+	2	117	TTG	TAG	0	0	
mORF_+_1042633	1042633	1042638	+	1	6	TTG	TGA	0	0	
mORF_+_1042635	1042635	1042685	+	3	51	GTG	TAG	0	0	
mORF_+_1042669	1042669	1043052	+	1	384	TTG	TAA	0	0	
mORF_+_1042679	1042679	1042948	+	2	270	TTG	TAG	0	0	
mORF_+_1042794	1042794	1042802	+	3	9	ATG	TAA	0	0	
mORF_+_1042839	1042839	1042859	+	3	21	GTG	TAA	0	0	
mORF_+_1042941	1042941	1042970	+	3	30	GTG	TGA	0	0	

mORF_+_1042967	1042967	1042984	+	2	18	GTG	TGA	0	0	
mORF_+_1042971	1042971	1043021	+	3	51	GTG	TGA	0	0	
mORF_+_1043045	1043045	1043266	+	2	222	TTG	TGA	0	0	
mORF_+_1043149	1043149	1043187	+	1	39	TTG	TGA	0	0	
mORF_+_1043169	1043169	1043192	+	3	24	GTG	TAG	0	0	
mORF_+_1043236	1043236	1043283	+	1	48	TTG	TAA	0	0	
mORF_+_1043271	1043271	1043312	+	3	42	TTG	TGA	0	0	
mORF_+_1043276	1043276	1043293	+	2	18	GTG	TAA	0	0	
mORF_+_1043309	1043309	1043347	+	2	39	GTG	TGA	0	0	
mORF_+_1043344	1043344	1043355	+	1	12	GTG	TAA	0	0	
mORF_+_1043396	1043396	1043878	+	2	483	GTG	TGA	0	0	
mORF_+_1043406	1043406	1043426	+	3	21	GTG	TAG	0	0	
mORF_+_1043427	1043427	1043483	+	3	57	TTG	TGA	0	0	
mORF_+_1043518	1043518	1043619	+	1	102	ATG	TAA	0	0	
mORF_+_1043644	1043644	1043685	+	1	42	TTG	TGA	0	0	
mORF_+_1043682	1043682	1043723	+	3	42	GTG	TGA	0	0	
mORF_+_1043790	1043790	1043999	+	3	210	TTG	TAG	0	0	
mORF_+_1043875	1043875	1043883	+	1	9	TTG	TAA	0	0	
mORF_+_1043891	1043891	1043905	+	2	15	TTG	TGA	0	0	
mORF_+_1043902	1043902	1043916	+	1	15	TTG	TGA	0	0	
mORF_+_1043932	1043932	1044288	+	1	357	ATG	TAA	0	0	
mORF_+_1043999	1043999	1044007	+	2	9	GTG	TAA	0	0	
mORF_+_1044011	1044011	1044019	+	2	9	ATG	TAA	0	0	
mORF_+_1044051	1044051	1044128	+	3	78	TTG	TAA	0	0	
mORF_+_1044086	1044086	1044160	+	2	75	TTG	TGA	0	0	
mORF_+_1044224	1044224	1044349	+	2	126	GTG	TAG	0	0	
mORF_+_1044301	1044301	1044567	+	1	267	GTG	TGA	1	5	pORF_+_1044301
mORF_+_1044359	1044359	1044478	+	2	120	TTG	TGA	0	0	
mORF_+_1044485	1044485	1044640	+	2	156	TTG	TAG	0	0	
mORF_+_1044606	1044606	1044668	+	3	63	GTG	TAA	0	0	
mORF_+_1044674	1044674	1044730	+	2	57	TTG	TGA	0	0	
mORF_+_1044700	1044700	1044720	+	1	21	TTG	TAG	0	0	
mORF_+_1044727	1044727	1044912	+	1	186	GTG	TAG	0	0	
mORF_+_1044783	1044783	1044812	+	3	30	TTG	TAG	0	0	
mORF_+_1044830	1044830	1044844	+	2	15	TTG	TGA	0	0	
mORF_+_1044860	1044860	1044871	+	2	12	GTG	TAG	0	0	
mORF_+_1044875	1044875	1044901	+	2	27	TTG	TGA	0	0	
mORF_+_1044902	1044902	1044949	+	2	48	TTG	TGA	0	0	
mORF_+_1044966	1044966	1045010	+	3	45	ATG	TAA	0	0	
mORF_+_1045013	1045013	1045060	+	2	48	ATG	TGA	0	0	
mORF_+_1045026	1045026	1045052	+	3	27	TTG	TAA	0	0	
mORF_+_1045057	1045057	1045131	+	1	75	ATG	TGA	0	0	
mORF_+_1045107	1045107	1045193	+	3	87	TTG	TAG	0	0	
mORF_+_1045124	1045124	1045231	+	2	108	TTG	TAA	0	0	
mORF_+_1045138	1045138	1045530	+	1	393	TTG	TAG	0	0	
mORF_+_1045215	1045215	1045244	+	3	30	ATG	TAA	0	0	
mORF_+_1045284	1045284	1045379	+	3	96	TTG	TAA	0	0	
mORF_+_1045325	1045325	1045420	+	2	96	TTG	TAA	0	0	
mORF_+_1045437	1045437	1045457	+	3	21	TTG	TGA	0	0	
mORF_+_1045442	1045442	1045450	+	2	9	GTG	TAA	0	0	
mORF_+_1045454	1045454	1045495	+	2	42	GTG	TAG	0	0	
mORF_+_1045610	1045610	1045630	+	2	21	TTG	TAG	0	0	
mORF_+_1045643	1045643	1045654	+	2	12	TTG	TAA	0	0	
mORF_+_1045661	1045661	1045672	+	2	12	TTG	TAG	0	0	
mORF_+_1045681	1045681	1045869	+	1	189	ATG	TGA	0	0	
mORF_+_1045685	1045685	1045744	+	2	60	GTG	TAG	0	0	
mORF_+_1045745	1045745	1045753	+	2	9	TTG	TAA	0	0	
mORF_+_1045757	1045757	1045804	+	2	48	TTG	TAG	0	0	
mORF_+_1045866	1045866	1045883	+	3	18	GTG	TGA	0	0	
mORF_+_1045880	1045880	1045891	+	2	12	TTG	TAG	0	0	
mORF_+_1045957	1045957	1045977	+	1	21	TTG	TGA	0	0	
mORF_+_1045968	1045968	1046036	+	3	69	GTG	TAG	0	0	
mORF_+_1045978	1045978	1046193	+	1	216	TTG	TAG	0	0	

mORF_+_1046006	1046006	1046164	+	2	159	TTG	TGA	0	0
mORF_+_1046178	1046178	1046240	+	3	63	GTG	TAA	0	0
mORF_+_1046242	1046242	1046352	+	1	111	TTG	TAA	0	0
mORF_+_1046247	1046247	1046339	+	3	93	TTG	TGA	0	0
mORF_+_1046255	1046255	1046293	+	2	39	GTG	TGA	0	0
mORF_+_1046336	1046336	1046389	+	2	54	TTG	TAA	0	0
mORF_+_1046396	1046396	1046425	+	2	30	TTG	TAA	0	0
mORF_+_1046438	1046438	1046455	+	2	18	TTG	TGA	0	0
mORF_+_1046443	1046443	1046802	+	1	360	ATG	TAG	0	0
mORF_+_1046448	1046448	1046585	+	3	138	TTG	TAA	0	0
mORF_+_1046462	1046462	1046485	+	2	24	TTG	TAA	0	0
mORF_+_1046486	1046486	1046536	+	2	51	TTG	TGA	0	0
mORF_+_1046543	1046543	1046608	+	2	66	ATG	TGA	0	0
mORF_+_1046654	1046654	1046683	+	2	30	TTG	TAG	0	0
mORF_+_1046688	1046688	1046705	+	3	18	ATG	TGA	0	0
mORF_+_1046702	1046702	1046809	+	2	108	GTG	TAA	0	0
mORF_+_1046712	1046712	1046834	+	3	123	ATG	TAA	0	0
mORF_+_1046841	1046841	1046873	+	3	33	ATG	TGA	0	0
mORF_+_1046846	1046846	1046863	+	2	18	TTG	TGA	0	0
mORF_+_1046894	1046894	1046917	+	2	24	TTG	TAA	0	0
mORF_+_1046898	1046898	1046996	+	3	99	GTG	TGA	0	0
mORF_+_1046921	1046921	1046965	+	2	45	ATG	TAG	0	0
mORF_+_1046974	1046974	1047066	+	1	93	TTG	TGA	0	0
mORF_+_1046993	1046993	1047094	+	2	102	TTG	TAG	0	0
mORF_+_1047015	1047015	1047191	+	3	177	GTG	TAA	0	0
mORF_+_1047067	1047067	1047099	+	1	33	TTG	TAA	0	0
mORF_+_1047109	1047109	1047147	+	1	39	ATG	TAA	0	0
mORF_+_1047131	1047131	1047154	+	2	24	ATG	TAA	0	0
mORF_+_1047240	1047240	1047569	+	3	330	ATG	TAA	0	0
mORF_+_1047278	1047278	1047343	+	2	66	GTG	TAA	0	0
mORF_+_1047361	1047361	1047387	+	1	27	TTG	TGA	0	0
mORF_+_1047520	1047520	1047684	+	1	165	TTG	TAG	0	0
mORF_+_1047620	1047620	1047673	+	2	54	TTG	TGA	0	0
mORF_+_1047675	1047675	1047905	+	3	231	ATG	TAA	0	0
mORF_+_1047764	1047764	1047835	+	2	72	GTG	TAG	0	0
mORF_+_1047863	1047863	1047892	+	2	30	GTG	TGA	0	0
mORF_+_1047889	1047889	1047927	+	1	39	ATG	TAA	0	0
mORF_+_1047968	1047968	1048108	+	2	141	TTG	TAA	0	0
mORF_+_1048012	1048012	1048128	+	1	117	ATG	TAG	0	0
mORF_+_1048014	1048014	1048412	+	3	399	GTG	TAA	0	0
mORF_+_1048151	1048151	1048282	+	2	132	ATG	TAA	0	0
mORF_+_1048204	1048204	1048266	+	1	63	TTG	TAA	0	0
mORF_+_1048295	1048295	1048327	+	2	33	GTG	TAA	0	0
mORF_+_1048337	1048337	1048396	+	2	60	TTG	TAA	0	0
mORF_+_1048443	1048443	1048454	+	3	12	GTG	TGA	0	0
mORF_+_1048477	1048477	1048545	+	1	69	ATG	TAA	0	0
mORF_+_1048493	1048493	1048525	+	2	33	TTG	TAG	0	0
mORF_+_1048565	1048565	1048576	+	2	12	TTG	TAA	0	0
mORF_+_1048585	1048585	1048665	+	1	81	ATG	TAG	0	0
mORF_+_1048667	1048667	1048672	+	2	6	GTG	TAG	0	0
mORF_+_1048672	1048672	1048698	+	1	27	GTG	TGA	0	0
mORF_+_1048685	1048685	1048819	+	2	135	TTG	TAG	0	0
mORF_+_1048695	1048695	1049027	+	3	333	ATG	TAG	0	0
mORF_+_1048783	1048783	1049022	+	1	240	GTG	TGA	0	0
mORF_+_1048832	1048832	1048843	+	2	12	TTG	TAG	0	0
mORF_+_1048850	1048850	1048864	+	2	15	TTG	TAG	0	0
mORF_+_1048874	1048874	1048933	+	2	60	TTG	TGA	0	0
mORF_+_1048946	1048946	1048969	+	2	24	TTG	TAA	0	0
mORF_+_1049027	1049027	1049239	+	2	213	GTG	TGA	0	0
mORF_+_1049031	1049031	1049099	+	3	69	ATG	TGA	0	0
mORF_+_1049056	1049056	1049331	+	1	276	GTG	TAA	0	0
mORF_+_1049169	1049169	1049228	+	3	60	ATG	TGA	0	0
mORF_+_1049240	1049240	1049308	+	2	69	ATG	TAA	0	0

mORF_+_1049250	1049250	1049753	+	3	504	ATG	TAA	0	0	
mORF_+_1049353	1049353	1049511	+	1	159	GTG	TGA	0	0	
mORF_+_1049387	1049387	1049407	+	2	21	GTG	TAA	0	0	
mORF_+_1049527	1049527	1049538	+	1	12	TTG	TGA	0	0	
mORF_+_1049540	1049540	1049569	+	2	30	ATG	TGA	0	0	
mORF_+_1049551	1049551	1049580	+	1	30	ATG	TGA	0	0	
mORF_+_1049623	1049623	1049640	+	1	18	TTG	TGA	0	0	
mORF_+_1049707	1049707	1049733	+	1	27	ATG	TGA	0	0	
mORF_+_1049755	1049755	1049868	+	1	114	TTG	TAG	0	0	
mORF_+_1049783	1049783	1049824	+	2	42	TTG	TGA	0	0	
mORF_+_1049847	1049847	1049942	+	3	96	TTG	TAA	0	0	
mORF_+_1049896	1049896	1049931	+	1	36	TTG	TGA	0	0	
mORF_+_1049976	1049976	1050041	+	3	66	TTG	TAA	0	0	
mORF_+_1049998	1049998	1050012	+	1	15	TTG	TAG	0	0	
mORF_+_1050019	1050019	1050030	+	1	12	GTG	TAA	0	0	
mORF_+_1050042	1050042	1050113	+	3	72	ATG	TGA	0	0	
mORF_+_1050062	1050062	1050109	+	2	48	GTG	TAA	0	0	
mORF_+_1050082	1050082	1050090	+	1	9	ATG	TAG	0	0	
mORF_+_1050113	1050113	1050121	+	2	9	ATG	TAA	0	0	
mORF_+_1050121	1050121	1050189	+	1	69	ATG	TAA	0	0	
mORF_+_1050125	1050125	1050154	+	2	30	ATG	TAA	0	0	
mORF_+_1050203	1050203	1050265	+	2	63	TTG	TAA	0	0	
mORF_+_1050286	1050286	1050309	+	1	24	GTG	TGA	0	0	
mORF_+_1050290	1050290	1050337	+	2	48	ATG	TAA	0	0	
mORF_+_1050300	1050300	1050443	+	3	144	ATG	TAA	0	0	
mORF_+_1050337	1050337	1050414	+	1	78	ATG	TGA	0	0	
mORF_+_1050493	1050493	1050537	+	1	45	TTG	TGA	0	0	
mORF_+_1050512	1050512	1050520	+	2	9	ATG	TAA	0	0	
mORF_+_1050534	1050534	1050560	+	3	27	TTG	TAG	0	0	
mORF_+_1050603	1050603	1050626	+	3	24	TTG	TAA	0	0	
mORF_+_1050651	1050651	1050671	+	3	21	TTG	TGA	0	0	
mORF_+_1050668	1050668	1050691	+	2	24	ATG	TAA	0	0	
mORF_+_1050684	1050684	1050896	+	3	213	ATG	TAA	13	6	pORF_+_1050684
mORF_+_1050713	1050713	1050721	+	2	9	ATG	TAA	0	0	
mORF_+_1050736	1050736	1050819	+	1	84	TTG	TGA	0	0	
mORF_+_1050835	1050835	1051095	+	1	261	TTG	TAA	0	0	
mORF_+_1050899	1050899	1050979	+	2	81	TTG	TGA	0	0	
mORF_+_1050936	1050936	1051004	+	3	69	ATG	TAA	0	0	
mORF_+_1051005	1051005	1051019	+	3	15	GTG	TAA	0	0	
mORF_+_1051037	1051037	1051300	+	2	264	TTG	TGA	0	0	
mORF_+_1051110	1051110	1051160	+	3	51	GTG	TAG	0	0	
mORF_+_1051153	1051153	1051170	+	1	18	ATG	TAA	0	0	
mORF_+_1051182	1051182	1051223	+	3	42	TTG	TGA	0	0	
mORF_+_1051255	1051255	1051287	+	1	33	GTG	TAA	0	0	
mORF_+_1051290	1051290	1051463	+	3	174	GTG	TGA	19	107	pORF_+_1051290
mORF_+_1051297	1051297	1051308	+	1	12	TTG	TAA	0	0	
mORF_+_1051429	1051429	1051458	+	1	30	TTG	TAA	0	0	
mORF_+_1051460	1051460	1051471	+	2	12	GTG	TGA	0	0	
mORF_+_1051468	1051468	1051515	+	1	48	GTG	TAG	0	0	
mORF_+_1051482	1051482	1051544	+	3	63	GTG	TAA	0	0	
mORF_+_1051526	1051526	1051621	+	2	96	TTG	TAA	0	0	
mORF_+_1051575	1051575	1051637	+	3	63	TTG	TAG	0	0	
mORF_+_1051676	1051676	1051861	+	2	186	TTG	TAA	0	0	
mORF_+_1051689	1051689	1051697	+	3	9	TTG	TGA	0	0	
mORF_+_1051819	1051819	1051914	+	1	96	TTG	TAA	0	0	
mORF_+_1051901	1051901	1051936	+	2	36	ATG	TAA	0	0	
mORF_+_1051926	1051926	1051973	+	3	48	ATG	TAA	0	0	
mORF_+_1051973	1051973	1052014	+	2	42	ATG	TAA	0	0	
mORF_+_1051989	1051989	1052078	+	3	90	ATG	TAA	0	0	
mORF_+_1052157	1052157	1052195	+	3	39	TTG	TAA	0	0	
mORF_+_1052173	1052173	1052313	+	1	141	TTG	TGA	0	0	
mORF_+_1052225	1052225	1052245	+	2	21	ATG	TGA	0	0	
mORF_+_1052295	1052295	1052309	+	3	15	GTG	TAA	0	0	

mORF_+_1052393	1052393	1052443	+	2	51	ATG	TGA	0	0	
mORF_+_1052398	1052398	1052418	+	1	21	GTG	TAA	0	0	
mORF_+_1052440	1052440	1052454	+	1	15	GTG	TAA	0	0	
mORF_+_1052462	1052462	1052587	+	2	126	TTG	TGA	0	0	
mORF_+_1052478	1052478	1052528	+	3	51	TTG	TAA	0	0	
mORF_+_1052500	1052500	1052604	+	1	105	GTG	TAA	0	0	
mORF_+_1052606	1052606	1052641	+	2	36	TTG	TAA	0	0	
mORF_+_1052617	1052617	1052631	+	1	15	ATG	TAG	0	0	
mORF_+_1052632	1052632	1052649	+	1	18	TTG	TGA	0	0	
mORF_+_1052652	1052652	1052822	+	3	171	TTG	TGA	0	0	
mORF_+_1052681	1052681	1052746	+	2	66	ATG	TAA	0	0	
mORF_+_1052689	1052689	1052718	+	1	30	ATG	TAA	0	0	
mORF_+_1052728	1052728	1052907	+	1	180	GTG	TAA	0	0	
mORF_+_1052762	1052762	1052773	+	2	12	TTG	TAG	0	0	
mORF_+_1052786	1052786	1052818	+	2	33	ATG	TAG	0	0	
mORF_+_1052822	1052822	1052911	+	2	90	ATG	TAA	0	0	
mORF_+_1052868	1052868	1052951	+	3	84	ATG	TGA	0	0	
mORF_+_1052924	1052924	1052947	+	2	24	GTG	TAA	0	0	
mORF_+_1052961	1052961	1052987	+	3	27	TTG	TGA	0	0	
mORF_+_1052966	1052966	1053025	+	2	60	TTG	TAA	0	0	
mORF_+_1052994	1052994	1053014	+	3	21	TTG	TAG	0	0	
mORF_+_1053076	1053076	1053111	+	1	36	ATG	TGA	0	0	
mORF_+_1053108	1053108	1053380	+	3	273	ATG	TGA	1	2	pORF_+_1053108
mORF_+_1053113	1053113	1053250	+	2	138	ATG	TAA	0	0	
mORF_+_1053154	1053154	1053177	+	1	24	GTG	TAA	0	0	
mORF_+_1053211	1053211	1053315	+	1	105	GTG	TAA	0	0	
mORF_+_1053381	1053381	1053713	+	3	333	TTG	TGA	0	0	
mORF_+_1053391	1053391	1053507	+	1	117	TTG	TGA	0	0	
mORF_+_1053556	1053556	1053657	+	1	102	ATG	TAA	0	0	
mORF_+_1053626	1053626	1053739	+	2	114	TTG	TAA	0	0	
mORF_+_1053724	1053724	1053861	+	1	138	GTG	TGA	0	0	
mORF_+_1053812	1053812	1054339	+	2	528	TTG	TGA	0	0	
mORF_+_1053873	1053873	1053899	+	3	27	TTG	TAA	0	0	
mORF_+_1053912	1053912	1054004	+	3	93	TTG	TGA	0	0	
mORF_+_1053949	1053949	1053978	+	1	30	TTG	TAA	0	0	
mORF_+_1053979	1053979	1054155	+	1	177	GTG	TGA	0	0	
mORF_+_1054008	1054008	1054196	+	3	189	GTG	TGA	0	0	
mORF_+_1054189	1054189	1054335	+	1	147	GTG	TGA	0	0	
mORF_+_1054200	1054200	1054346	+	3	147	TTG	TAA	0	0	
mORF_+_1054372	1054372	1054491	+	1	120	GTG	TGA	0	0	
mORF_+_1054412	1054412	1054546	+	2	135	TTG	TAG	0	0	
mORF_+_1054470	1054470	1054487	+	3	18	ATG	TGA	0	0	
mORF_+_1054521	1054521	1054550	+	3	30	ATG	TGA	0	0	
mORF_+_1054531	1054531	1054557	+	1	27	GTG	TGA	0	0	
mORF_+_1054547	1054547	1054615	+	2	69	GTG	TAA	0	0	
mORF_+_1054551	1054551	1054574	+	3	24	TTG	TGA	0	0	
mORF_+_1054618	1054618	1054695	+	1	78	TTG	TGA	0	0	
mORF_+_1054653	1054653	1054856	+	3	204	ATG	TGA	0	0	
mORF_+_1054661	1054661	1055044	+	2	384	TTG	TAA	0	0	
mORF_+_1054711	1054711	1054779	+	1	69	TTG	TAA	0	0	
mORF_+_1054837	1054837	1054983	+	1	147	GTG	TGA	0	0	
mORF_+_1055069	1055069	1055107	+	2	39	TTG	TAA	0	0	
mORF_+_1055082	1055082	1055276	+	3	195	GTG	TGA	0	0	
mORF_+_1055111	1055111	1055347	+	2	237	TTG	TAA	0	0	
mORF_+_1055140	1055140	1055148	+	1	9	GTG	TGA	0	0	
mORF_+_1055269	1055269	1055301	+	1	33	ATG	TGA	0	0	
mORF_+_1055277	1055277	1055417	+	3	141	GTG	TAG	0	0	
mORF_+_1055407	1055407	1055421	+	1	15	GTG	TGA	0	0	
mORF_+_1055418	1055418	1055459	+	3	42	GTG	TAA	0	0	
mORF_+_1055428	1055428	1055454	+	1	27	TTG	TAG	0	0	
mORF_+_1055470	1055470	1055646	+	1	177	TTG	TGA	0	0	
mORF_+_1055484	1055484	1056512	+	3	1029	ATG	TAA	0	0	
mORF_+_1055615	1055615	1055779	+	2	165	ATG	TAA	0	0	

mORF_+_1055674	1055674	1055715	+	1	42	ATG	TAA	0	0	
mORF_+_1055783	1055783	1055812	+	2	30	GTG	TAG	0	0	
mORF_+_1055878	1055878	1055901	+	1	24	ATG	TGA	0	0	
mORF_+_1055911	1055911	1055985	+	1	75	TTG	TGA	0	0	
mORF_+_1055963	1055963	1055977	+	2	15	ATG	TAA	0	0	
mORF_+_1055986	1055986	1055997	+	1	12	ATG	TGA	0	0	
mORF_+_1056058	1056058	1056222	+	1	165	TTG	TGA	0	0	
mORF_+_1056340	1056340	1056405	+	1	66	TTG	TAG	0	0	
mORF_+_1056421	1056421	1056549	+	1	129	ATG	TGA	0	0	
mORF_+_1056521	1056521	1056538	+	2	18	ATG	TAA	0	0	
mORF_+_1056554	1056554	1056562	+	2	9	ATG	TAA	0	0	
mORF_+_1056585	1056585	1056761	+	3	177	GTG	TAA	0	0	
mORF_+_1056673	1056673	1056711	+	1	39	ATG	TAA	0	0	
mORF_+_1056737	1056737	1056964	+	2	228	ATG	TGA	0	0	
mORF_+_1056780	1056780	1056788	+	3	9	TTG	TGA	0	0	
mORF_+_1056789	1056789	1056800	+	3	12	GTG	TGA	0	0	
mORF_+_1056873	1056873	1056884	+	3	12	TTG	TAA	0	0	
mORF_+_1056961	1056961	1057017	+	1	57	TTG	TGA	0	0	
mORF_+_1057014	1057014	1057046	+	3	33	TTG	TGA	0	0	
mORF_+_1057110	1057110	1057118	+	3	9	GTG	TAG	0	0	
mORF_+_1057121	1057121	1057126	+	2	6	TTG	TAA	0	0	
mORF_+_1057164	1057164	1057169	+	3	6	ATG	TGA	0	0	
mORF_+_1057166	1057166	1057225	+	2	60	GTG	TAA	0	0	
mORF_+_1057171	1057171	1057239	+	1	69	GTG	TGA	0	0	
mORF_+_1057243	1057243	1057269	+	1	27	GTG	TAA	0	0	
mORF_+_1057259	1057259	1058479	+	2	1221	TTG	TAA	1	0	pORF_+_1057259
mORF_+_1057341	1057341	1057385	+	3	45	GTG	TGA	0	0	
mORF_+_1057348	1057348	1057482	+	1	135	TTG	TGA	0	0	
mORF_+_1057386	1057386	1057400	+	3	15	TTG	TGA	0	0	
mORF_+_1057401	1057401	1057577	+	3	177	TTG	TGA	0	0	
mORF_+_1057534	1057534	1057542	+	1	9	ATG	TGA	0	0	
mORF_+_1057599	1057599	1057697	+	3	99	ATG	TGA	0	0	
mORF_+_1057684	1057684	1057734	+	1	51	ATG	TAA	0	0	
mORF_+_1057740	1057740	1057787	+	3	48	ATG	TGA	0	0	
mORF_+_1057836	1057836	1057859	+	3	24	TTG	TGA	0	0	
mORF_+_1057884	1057884	1058006	+	3	123	ATG	TGA	0	0	
mORF_+_1058019	1058019	1058150	+	3	132	GTG	TAA	0	0	
mORF_+_1058172	1058172	1058222	+	3	51	TTG	TGA	0	0	
mORF_+_1058191	1058191	1058295	+	1	105	GTG	TAA	0	0	
mORF_+_1058265	1058265	1058366	+	3	102	ATG	TGA	0	0	
mORF_+_1058299	1058299	1058331	+	1	33	GTG	TGA	0	0	
mORF_+_1058341	1058341	1058388	+	1	48	TTG	TAA	0	0	
mORF_+_1058367	1058367	1058411	+	3	45	TTG	TGA	0	0	
mORF_+_1058427	1058427	1058489	+	3	63	ATG	TAA	0	0	
mORF_+_1058479	1058479	1061025	+	1	2547	ATG	TGA	1	2	pORF_+_1058479
mORF_+_1058585	1058585	1058677	+	2	93	GTG	TGA	0	0	
mORF_+_1058681	1058681	1058737	+	2	57	ATG	TGA	0	0	
mORF_+_1058738	1058738	1058866	+	2	129	TTG	TGA	0	0	
mORF_+_1058873	1058873	1058944	+	2	72	ATG	TGA	0	0	
mORF_+_1058951	1058951	1059070	+	2	120	GTG	TGA	0	0	
mORF_+_1058955	1058955	1058981	+	3	27	TTG	TAA	0	0	
mORF_+_1059104	1059104	1059178	+	2	75	ATG	TGA	0	0	
mORF_+_1059159	1059159	1059224	+	3	66	GTG	TGA	0	0	
mORF_+_1059215	1059215	1059241	+	2	27	ATG	TAA	0	0	
mORF_+_1059260	1059260	1059331	+	2	72	GTG	TGA	0	0	
mORF_+_1059338	1059338	1059520	+	2	183	TTG	TGA	0	0	
mORF_+_1059504	1059504	1059512	+	3	9	ATG	TGA	0	0	
mORF_+_1059527	1059527	1059640	+	2	114	TTG	TGA	0	0	
mORF_+_1059597	1059597	1059623	+	3	27	GTG	TGA	0	0	
mORF_+_1059627	1059627	1059737	+	3	111	GTG	TAA	0	0	
mORF_+_1059641	1059641	1059751	+	2	111	TTG	TGA	0	0	
mORF_+_1059752	1059752	1059871	+	2	120	GTG	TGA	0	0	
mORF_+_1059915	1059915	1059935	+	3	21	GTG	TAA	0	0	

mORF_+_1059923	1059923	1060009	+	2	87	TTG	TAG	0	0
mORF_+_1060017	1060017	1060073	+	3	57	GTG	TGA	0	0
mORF_+_1060037	1060037	1060129	+	2	93	TTG	TGA	0	0
mORF_+_1060188	1060188	1060202	+	3	15	GTG	TAA	0	0
mORF_+_1060268	1060268	1060429	+	2	162	GTG	TGA	0	0
mORF_+_1060430	1060430	1060462	+	2	33	TTG	TGA	0	0
mORF_+_1060473	1060473	1060499	+	3	27	TTG	TGA	0	0
mORF_+_1060496	1060496	1060630	+	2	135	TTG	TAG	0	0
mORF_+_1060593	1060593	1060598	+	3	6	ATG	TGA	0	0
mORF_+_1060664	1060664	1060858	+	2	195	ATG	TGA	0	0
mORF_+_1060791	1060791	1060808	+	3	18	ATG	TAA	0	0
mORF_+_1060830	1060830	1060844	+	3	15	GTG	TAA	0	0
mORF_+_1060898	1060898	1060954	+	2	57	GTG	TGA	0	0
mORF_+_1060989	1060989	1061621	+	3	633	GTG	TAA	0	0
mORF_+_1060997	1060997	1061017	+	2	21	ATG	TGA	0	0
mORF_+_1061047	1061047	1061070	+	1	24	TTG	TAG	0	0
mORF_+_1061086	1061086	1061109	+	1	24	GTG	TGA	0	0
mORF_+_1061122	1061122	1061154	+	1	33	GTG	TGA	0	0
mORF_+_1061138	1061138	1061224	+	2	87	ATG	TGA	0	0
mORF_+_1061203	1061203	1061214	+	1	12	TTG	TGA	0	0
mORF_+_1061221	1061221	1061271	+	1	51	GTG	TGA	0	0
mORF_+_1061255	1061255	1061335	+	2	81	TTG	TAA	0	0
mORF_+_1061299	1061299	1061346	+	1	48	ATG	TAG	0	0
mORF_+_1061347	1061347	1061496	+	1	150	TTG	TGA	0	0
mORF_+_1061504	1061504	1061548	+	2	45	GTG	TGA	0	0
mORF_+_1061524	1061524	1061574	+	1	51	TTG	TAA	0	0
mORF_+_1061600	1061600	1061653	+	2	54	GTG	TAG	0	0
mORF_+_1061628	1061628	1061639	+	3	12	TTG	TGA	0	0
mORF_+_1061670	1061670	1061696	+	3	27	ATG	TGA	0	0
mORF_+_1061686	1061686	1061853	+	1	168	ATG	TAA	0	0
mORF_+_1061693	1061693	1061725	+	2	33	GTG	TAA	0	0
mORF_+_1061729	1061729	1061734	+	2	6	TTG	TAG	0	0
mORF_+_1061745	1061745	1062050	+	3	306	ATG	TAA	0	0
mORF_+_1061896	1061896	1062411	+	1	516	ATG	TGA	0	0
mORF_+_1061927	1061927	1062241	+	2	315	ATG	TAA	0	0
mORF_+_1062132	1062132	1062701	+	3	570	TTG	TGA	0	0
mORF_+_1062302	1062302	1062316	+	2	15	GTG	TGA	0	0
mORF_+_1062398	1062398	1062583	+	2	186	GTG	TGA	0	0
mORF_+_1062478	1062478	1062486	+	1	9	ATG	TGA	0	0
mORF_+_1062490	1062490	1062564	+	1	75	TTG	TAA	0	0
mORF_+_1062583	1062583	1062669	+	1	87	ATG	TGA	0	0
mORF_+_1062653	1062653	1062733	+	2	81	GTG	TAA	0	0
mORF_+_1062750	1062750	1062833	+	3	84	ATG	TAA	0	0
mORF_+_1062781	1062781	1062801	+	1	21	TTG	TGA	0	0
mORF_+_1062859	1062859	1062927	+	1	69	TTG	TAG	0	0
mORF_+_1062900	1062900	1062992	+	3	93	ATG	TAA	0	0
mORF_+_1062934	1062934	1062981	+	1	48	TTG	TAA	0	0
mORF_+_1062938	1062938	1062946	+	2	9	TTG	TGA	0	0
mORF_+_1063027	1063027	1063044	+	1	18	TTG	TAA	0	0
mORF_+_1063059	1063059	1063064	+	3	6	GTG	TAG	0	0
mORF_+_1063085	1063085	1063162	+	2	78	ATG	TAA	0	0
mORF_+_1063140	1063140	1063151	+	3	12	ATG	TGA	0	0
mORF_+_1063167	1063167	1063307	+	3	141	GTG	TGA	0	0
mORF_+_1063177	1063177	1063191	+	1	15	GTG	TGA	0	0
mORF_+_1063195	1063195	1063212	+	1	18	TTG	TAA	0	0
mORF_+_1063259	1063259	1064515	+	2	1257	ATG	TAA	0	0
mORF_+_1063285	1063285	1063299	+	1	15	TTG	TAA	0	0
mORF_+_1063332	1063332	1063427	+	3	96	ATG	TAA	0	0
mORF_+_1063387	1063387	1063410	+	1	24	GTG	TGA	0	0
mORF_+_1063428	1063428	1063466	+	3	39	ATG	TAG	0	0
mORF_+_1063444	1063444	1063458	+	1	15	ATG	TGA	0	0
mORF_+_1063476	1063476	1063517	+	3	42	TTG	TGA	0	0
mORF_+_1063533	1063533	1063751	+	3	219	ATG	TAA	0	0

mORF_+_1063666	1063666	1063674	+	1	9	TTG	TAA	0	0	
mORF_+_1063705	1063705	1063710	+	1	6	GTG	TGA	0	0	
mORF_+_1063729	1063729	1063737	+	1	9	TTG	TGA	0	0	
mORF_+_1063752	1063752	1063772	+	3	21	GTG	TAA	0	0	
mORF_+_1063806	1063806	1063856	+	3	51	TTG	TAG	0	0	
mORF_+_1063866	1063866	1063877	+	3	12	ATG	TAG	0	0	
mORF_+_1063878	1063878	1063901	+	3	24	ATG	TAA	0	0	
mORF_+_1063891	1063891	1063929	+	1	39	TTG	TGA	0	0	
mORF_+_1063926	1063926	1064057	+	3	132	ATG	TAA	0	0	
mORF_+_1063936	1063936	1063956	+	1	21	ATG	TAA	0	0	
mORF_+_1064067	1064067	1064168	+	3	102	TTG	TGA	0	0	
mORF_+_1064122	1064122	1064142	+	1	21	ATG	TAA	0	0	
mORF_+_1064161	1064161	1064172	+	1	12	TTG	TAA	0	0	
mORF_+_1064179	1064179	1064211	+	1	33	ATG	TAA	0	0	
mORF_+_1064211	1064211	1064237	+	3	27	ATG	TAG	0	0	
mORF_+_1064280	1064280	1064396	+	3	117	TTG	TAA	0	0	
mORF_+_1064302	1064302	1064322	+	1	21	TTG	TAA	0	0	
mORF_+_1064415	1064415	1064462	+	3	48	ATG	TAA	0	0	
mORF_+_1064478	1064478	1064498	+	3	21	ATG	TAA	0	0	
mORF_+_1064505	1064505	1064534	+	3	30	ATG	TAA	0	0	
mORF_+_1064515	1064515	1064550	+	1	36	ATG	TAG	0	0	
mORF_+_1064528	1064528	1064572	+	2	45	ATG	TAA	0	0	
mORF_+_1064541	1064541	1064657	+	3	117	TTG	TAA	0	0	
mORF_+_1064566	1064566	1064667	+	1	102	TTG	TAG	0	0	
mORF_+_1064576	1064576	1064593	+	2	18	TTG	TAA	0	0	
mORF_+_1064621	1064621	1064929	+	2	309	GTG	TAA	0	0	
mORF_+_1064691	1064691	1064780	+	3	90	TTG	TAG	0	0	
mORF_+_1064784	1064784	1066049	+	3	1266	TTG	TAA	29	178	pORF_+_1064784
mORF_+_1064935	1064935	1065096	+	1	162	GTG	TGA	0	0	
mORF_+_1064987	1064987	1065070	+	2	84	ATG	TGA	0	0	
mORF_+_1065071	1065071	1065145	+	2	75	ATG	TAG	0	0	
mORF_+_1065130	1065130	1065264	+	1	135	ATG	TGA	0	0	
mORF_+_1065200	1065200	1065205	+	2	6	GTG	TGA	0	0	
mORF_+_1065271	1065271	1065483	+	1	213	ATG	TGA	0	0	
mORF_+_1065410	1065410	1065442	+	2	33	GTG	TAG	0	0	
mORF_+_1065505	1065505	1065765	+	1	261	ATG	TAA	0	0	
mORF_+_1065581	1065581	1065604	+	2	24	GTG	TAA	0	0	
mORF_+_1065796	1065796	1065876	+	1	81	ATG	TGA	0	0	
mORF_+_1065845	1065845	1065853	+	2	9	TTG	TGA	0	0	
mORF_+_1065883	1065883	1065933	+	1	51	TTG	TAA	0	0	
mORF_+_1065955	1065955	1065960	+	1	6	GTG	TGA	0	0	
mORF_+_1065977	1065977	1065994	+	2	18	TTG	TGA	0	0	
mORF_+_1065994	1065994	1066032	+	1	39	ATG	TGA	0	0	
mORF_+_1066033	1066033	1066044	+	1	12	ATG	TGA	0	0	
mORF_+_1066106	1066106	1066288	+	2	183	ATG	TGA	0	0	
mORF_+_1066269	1066269	1066331	+	3	63	ATG	TGA	0	0	
mORF_+_1066285	1066285	1066338	+	1	54	GTG	TAG	0	0	
mORF_+_1066313	1066313	1066345	+	2	33	ATG	TAA	0	0	
mORF_+_1066377	1066377	1066421	+	3	45	TTG	TGA	0	0	
mORF_+_1066418	1066418	1066513	+	2	96	GTG	TAG	0	0	
mORF_+_1066438	1066438	1066506	+	1	69	ATG	TAG	0	0	
mORF_+_1066525	1066525	1066533	+	1	9	ATG	TGA	0	0	
mORF_+_1066530	1066530	1066625	+	3	96	GTG	TAG	0	0	
mORF_+_1066552	1066552	1066575	+	1	24	GTG	TGA	0	0	
mORF_+_1066556	1066556	1066561	+	2	6	ATG	TGA	0	0	
mORF_+_1066591	1066591	1066677	+	1	87	GTG	TGA	0	0	
mORF_+_1066625	1066625	1066702	+	2	78	GTG	TAG	0	0	
mORF_+_1066674	1066674	1066793	+	3	120	TTG	TAA	0	0	
mORF_+_1066684	1066684	1066728	+	1	45	ATG	TAA	0	0	
mORF_+_1066703	1066703	1066717	+	2	15	GTG	TAA	0	0	
mORF_+_1066748	1066748	1066825	+	2	78	TTG	TAA	0	0	
mORF_+_1066794	1066794	1066937	+	3	144	TTG	TAA	0	0	
mORF_+_1066804	1066804	1066908	+	1	105	ATG	TAA	0	0	

mORF_+_1066853	1066853	1066927	+	2	75	TTG	TAG	0	0
mORF_+_1066947	1066947	1066988	+	3	42	GTG	TAA	0	0
mORF_+_1067010	1067010	1067036	+	3	27	GTG	TGA	0	0
mORF_+_1067033	1067033	1067131	+	2	99	TTG	TAA	0	0
mORF_+_1067076	1067076	1067108	+	3	33	ATG	TAA	0	0
mORF_+_1067124	1067124	1067144	+	3	21	ATG	TGA	0	0
mORF_+_1067135	1067135	1067371	+	2	237	TTG	TAA	0	0
mORF_+_1067274	1067274	1067477	+	3	204	ATG	TAG	0	0
mORF_+_1067335	1067335	1067493	+	1	159	TTG	TGA	0	0
mORF_+_1067490	1067490	1067582	+	3	93	ATG	TGA	0	0
mORF_+_1067497	1067497	1067514	+	1	18	ATG	TAG	0	0
mORF_+_1067551	1067551	1067790	+	1	240	TTG	TAA	0	0
mORF_+_1067567	1067567	1067572	+	2	6	ATG	TAA	0	0
mORF_+_1067582	1067582	1067626	+	2	45	ATG	TGA	0	0
mORF_+_1067589	1067589	1067678	+	3	90	ATG	TGA	0	0
mORF_+_1067639	1067639	1067644	+	2	6	TTG	TAG	0	0
mORF_+_1067675	1067675	1067716	+	2	42	ATG	TAA	0	0
mORF_+_1067682	1067682	1067801	+	3	120	ATG	TGA	0	0
mORF_+_1067798	1067798	1068028	+	2	231	TTG	TGA	0	0
mORF_+_1067820	1067820	1067846	+	3	27	TTG	TAA	0	0
mORF_+_1067941	1067941	1067994	+	1	54	TTG	TGA	0	0
mORF_+_1067955	1067955	1068008	+	3	54	TTG	TAA	0	0
mORF_+_1068025	1068025	1068051	+	1	27	ATG	TGA	0	0
mORF_+_1068048	1068048	1068074	+	3	27	GTG	TGA	0	0
mORF_+_1068065	1068065	1068106	+	2	42	ATG	TAG	0	0
mORF_+_1068110	1068110	1068145	+	2	36	TTG	TAG	0	0
mORF_+_1068146	1068146	1068268	+	2	123	GTG	TGA	0	0
mORF_+_1068186	1068186	1068263	+	3	78	TTG	TGA	0	0
mORF_+_1068265	1068265	1068273	+	1	9	ATG	TAA	0	0
mORF_+_1068318	1068318	1068332	+	3	15	TTG	TAA	0	0
mORF_+_1068341	1068341	1068697	+	2	357	GTG	TAA	0	0
mORF_+_1068349	1068349	1068414	+	1	66	ATG	TAA	0	0
mORF_+_1068351	1068351	1068380	+	3	30	GTG	TGA	0	0
mORF_+_1068731	1068731	1068757	+	2	27	ATG	TGA	0	0
mORF_+_1068857	1068857	1068952	+	2	96	GTG	TGA	0	0
mORF_+_1068946	1068946	1069032	+	1	87	GTG	TAA	0	0
mORF_+_1069039	1069039	1069077	+	1	39	GTG	TAA	0	0
mORF_+_1069056	1069056	1069334	+	3	279	TTG	TGA	0	0
mORF_+_1069142	1069142	1069216	+	2	75	GTG	TGA	0	0
mORF_+_1069144	1069144	1069152	+	1	9	GTG	TGA	0	0
mORF_+_1069168	1069168	1069563	+	1	396	ATG	TGA	0	0
mORF_+_1069331	1069331	1069357	+	2	27	TTG	TAA	0	0
mORF_+_1069358	1069358	1069390	+	2	33	GTG	TGA	0	0
mORF_+_1069391	1069391	1069477	+	2	87	ATG	TGA	0	0
mORF_+_1069557	1069557	1069670	+	3	114	TTG	TAA	0	0
mORF_+_1069570	1069570	1069884	+	1	315	ATG	TAG	0	0
mORF_+_1069643	1069643	1069660	+	2	18	TTG	TAG	0	0
mORF_+_1069679	1069679	1069726	+	2	48	TTG	TGA	0	0
mORF_+_1069799	1069799	1069900	+	2	102	ATG	TAA	0	0
mORF_+_1069836	1069836	1069850	+	3	15	GTG	TAA	0	0
mORF_+_1069884	1069884	1069925	+	3	42	GTG	TAG	0	0
mORF_+_1069928	1069928	1070071	+	2	144	GTG	TAA	0	0
mORF_+_1069951	1069951	1070043	+	1	93	TTG	TGA	0	0
mORF_+_1069971	1069971	1070012	+	3	42	GTG	TAA	0	0
mORF_+_1070022	1070022	1070039	+	3	18	GTG	TAG	0	0
mORF_+_1070043	1070043	1070096	+	3	54	ATG	TGA	0	0
mORF_+_1070100	1070100	1070138	+	3	39	GTG	TGA	0	0
mORF_+_1070117	1070117	1070122	+	2	6	TTG	TGA	0	0
mORF_+_1070119	1070119	1070214	+	1	96	GTG	TAA	0	0
mORF_+_1070123	1070123	1070209	+	2	87	GTG	TGA	0	0
mORF_+_1070231	1070231	1070290	+	2	60	TTG	TAG	0	0
mORF_+_1070278	1070278	1070457	+	1	180	GTG	TAA	0	0
mORF_+_1070343	1070343	1070381	+	3	39	ATG	TGA	0	0

mORF_+_1070378	1070378	1070416	+	2	39	ATG	TGA	0	0	
mORF_+_1070432	1070432	1070473	+	2	42	TTG	TGA	0	0	
mORF_+_1070476	1070476	1070598	+	1	123	ATG	TAA	0	0	
mORF_+_1070484	1070484	1070657	+	3	174	GTG	TAA	0	0	
mORF_+_1070629	1070629	1070646	+	1	18	ATG	TAG	0	0	
mORF_+_1070728	1070728	1070901	+	1	174	ATG	TAA	0	0	
mORF_+_1070822	1070822	1070857	+	2	36	GTG	TAA	0	0	
mORF_+_1070970	1070970	1071062	+	3	93	GTG	TGA	0	0	
mORF_+_1071008	1071008	1071388	+	2	381	ATG	TAA	3	55	pORF_+_1071008
mORF_+_1071016	1071016	1071117	+	1	102	TTG	TAA	0	0	
mORF_+_1071063	1071063	1071107	+	3	45	ATG	TAG	0	0	
mORF_+_1071150	1071150	1071272	+	3	123	ATG	TGA	0	0	
mORF_+_1071238	1071238	1071366	+	1	129	TTG	TAA	0	0	
mORF_+_1071318	1071318	1071455	+	3	138	GTG	TGA	0	0	
mORF_+_1071376	1071376	1071576	+	1	201	TTG	TAG	0	0	
mORF_+_1071416	1071416	1071523	+	2	108	GTG	TGA	0	0	
mORF_+_1071525	1071525	1071602	+	3	78	TTG	TAG	0	0	
mORF_+_1071596	1071596	1071682	+	2	87	TTG	TAG	0	0	
mORF_+_1071622	1071622	1071831	+	1	210	ATG	TGA	0	0	
mORF_+_1071794	1071794	1071820	+	2	27	ATG	TGA	0	0	
mORF_+_1071828	1071828	1071887	+	3	60	GTG	TGA	0	0	
mORF_+_1071874	1071874	1071957	+	1	84	TTG	TGA	0	0	
mORF_+_1071884	1071884	1071928	+	2	45	ATG	TGA	0	0	
mORF_+_1071929	1071929	1071985	+	2	57	ATG	TAG	0	0	
mORF_+_1071954	1071954	1072055	+	3	102	TTG	TAA	0	0	
mORF_+_1071995	1071995	1072003	+	2	9	GTG	TAA	0	0	
mORF_+_1072009	1072009	1072077	+	1	69	TTG	TAA	0	0	
mORF_+_1072055	1072055	1072282	+	2	228	ATG	TGA	0	0	
mORF_+_1072116	1072116	1072193	+	3	78	ATG	TAA	0	0	
mORF_+_1072144	1072144	1072257	+	1	114	ATG	TAA	0	0	
mORF_+_1072279	1072279	1072314	+	1	36	TTG	TGA	0	0	
mORF_+_1072321	1072321	1072353	+	1	33	TTG	TGA	0	0	
mORF_+_1072356	1072356	1072367	+	3	12	TTG	TAG	0	0	
mORF_+_1072399	1072399	1072404	+	1	6	TTG	TAG	0	0	
mORF_+_1072404	1072404	1072904	+	3	501	GTG	TAA	0	0	
mORF_+_1072414	1072414	1072467	+	1	54	TTG	TAA	0	0	
mORF_+_1072534	1072534	1072734	+	1	201	GTG	TGA	0	0	
mORF_+_1072538	1072538	1072570	+	2	33	GTG	TGA	0	0	
mORF_+_1072744	1072744	1072752	+	1	9	GTG	TAG	0	0	
mORF_+_1072834	1072834	1072929	+	1	96	TTG	TAA	0	0	
mORF_+_1072871	1072871	1072975	+	2	105	TTG	TGA	0	0	
mORF_+_1072936	1072936	1072992	+	1	57	ATG	TGA	0	0	
mORF_+_1072989	1072989	1073201	+	3	213	GTG	TAA	0	0	
mORF_+_1073008	1073008	1073061	+	1	54	TTG	TAG	0	0	
mORF_+_1073080	1073080	1073286	+	1	207	ATG	TAA	0	0	
mORF_+_1073253	1073253	1073294	+	3	42	TTG	TAA	0	0	
mORF_+_1073258	1073258	1073311	+	2	54	TTG	TAA	0	0	
mORF_+_1073342	1073342	1073350	+	2	9	GTG	TAA	0	0	
mORF_+_1073364	1073364	1073468	+	3	105	TTG	TGA	0	0	
mORF_+_1073377	1073377	1073496	+	1	120	ATG	TAA	0	0	
mORF_+_1073438	1073438	1074103	+	2	666	TTG	TAA	1	2	pORF_+_1073438
mORF_+_1073610	1073610	1073708	+	3	99	GTG	TAA	0	0	
mORF_+_1073718	1073718	1073765	+	3	48	GTG	TGA	0	0	
mORF_+_1073847	1073847	1073855	+	3	9	ATG	TGA	0	0	
mORF_+_1073877	1073877	1073897	+	3	21	TTG	TGA	0	0	
mORF_+_1073898	1073898	1073951	+	3	54	TTG	TGA	0	0	
mORF_+_1073905	1073905	1073937	+	1	33	TTG	TGA	0	0	
mORF_+_1073962	1073962	1074036	+	1	75	TTG	TGA	0	0	
mORF_+_1074033	1074033	1074146	+	3	114	ATG	TAA	0	0	
mORF_+_1074106	1074106	1074153	+	1	48	ATG	TAG	0	0	
mORF_+_1074119	1074119	1074124	+	2	6	TTG	TAA	0	0	
mORF_+_1074234	1074234	1074317	+	3	84	TTG	TGA	0	0	
mORF_+_1074271	1074271	1074399	+	1	129	TTG	TGA	0	0	

mORF_+_1074329	1074329	1074424	+	2	96	GTG	TAA	0	0
mORF_+_1074406	1074406	1074885	+	1	480	ATG	TAA	0	0
mORF_+_1074431	1074431	1074631	+	2	201	ATG	TAA	0	0
mORF_+_1074555	1074555	1074686	+	3	132	GTG	TGA	0	0
mORF_+_1074902	1074902	1075006	+	2	105	ATG	TAG	0	0
mORF_+_1074915	1074915	1074971	+	3	57	GTG	TAA	0	0
mORF_+_1075017	1075017	1075022	+	3	6	TTG	TAA	0	0
mORF_+_1075031	1075031	1075423	+	2	393	ATG	TGA	0	0
mORF_+_1075107	1075107	1075190	+	3	84	GTG	TGA	0	0
mORF_+_1075206	1075206	1075364	+	3	159	TTG	TGA	0	0
mORF_+_1075285	1075285	1075467	+	1	183	TTG	TGA	0	0
mORF_+_1075446	1075446	1075487	+	3	42	ATG	TGA	0	0
mORF_+_1075509	1075509	1075850	+	3	342	TTG	TAG	0	0
mORF_+_1075537	1075537	1075548	+	1	12	TTG	TAA	0	0
mORF_+_1075583	1075583	1075801	+	2	219	TTG	TAA	0	0
mORF_+_1075702	1075702	1075752	+	1	51	TTG	TGA	0	0
mORF_+_1075801	1075801	1075821	+	1	21	ATG	TAG	0	0
mORF_+_1075808	1075808	1076308	+	2	501	GTG	TAA	0	0
mORF_+_1075887	1075887	1076084	+	3	198	ATG	TAG	0	0
mORF_+_1076017	1076017	1076031	+	1	15	TTG	TAA	0	0
mORF_+_1076158	1076158	1076193	+	1	36	TTG	TGA	0	0
mORF_+_1076190	1076190	1076267	+	3	78	TTG	TGA	0	0
mORF_+_1076315	1076315	1076671	+	2	357	TTG	TAG	0	0
mORF_+_1076349	1076349	1076489	+	3	141	GTG	TAA	0	0
mORF_+_1076377	1076377	1076406	+	1	30	GTG	TAA	0	0
mORF_+_1076470	1076470	1076508	+	1	39	GTG	TAA	0	0
mORF_+_1076511	1076511	1076588	+	3	78	TTG	TGA	0	0
mORF_+_1076548	1076548	1076781	+	1	234	GTG	TAA	0	0
mORF_+_1076643	1076643	1076666	+	3	24	TTG	TAG	0	0
mORF_+_1076730	1076730	1076741	+	3	12	TTG	TAA	0	0
mORF_+_1076841	1076841	1076861	+	3	21	GTG	TAA	0	0
mORF_+_1076885	1076885	1077043	+	2	159	TTG	TGA	0	0
mORF_+_1076910	1076910	1077023	+	3	114	ATG	TGA	0	0
mORF_+_1077036	1077036	1077059	+	3	24	GTG	TAA	0	0
mORF_+_1077040	1077040	1077123	+	1	84	GTG	TGA	0	0
mORF_+_1077104	1077104	1077127	+	2	24	ATG	TGA	0	0
mORF_+_1077120	1077120	1077146	+	3	27	TTG	TAG	0	0
mORF_+_1077124	1077124	1077162	+	1	39	TTG	TAG	0	0
mORF_+_1077147	1077147	1077182	+	3	36	ATG	TGA	0	0
mORF_+_1077179	1077179	1077301	+	2	123	GTG	TAA	0	0
mORF_+_1077214	1077214	1077327	+	1	114	GTG	TGA	0	0
mORF_+_1077285	1077285	1077695	+	3	411	TTG	TGA	0	0
mORF_+_1077437	1077437	1077499	+	2	63	ATG	TGA	0	0
mORF_+_1077496	1077496	1077540	+	1	45	GTG	TGA	0	0
mORF_+_1077515	1077515	1077520	+	2	6	GTG	TGA	0	0
mORF_+_1077631	1077631	1077783	+	1	153	ATG	TAG	0	0
mORF_+_1077692	1077692	1077949	+	2	258	TTG	TAG	0	0
mORF_+_1077729	1077729	1077812	+	3	84	TTG	TAG	0	0
mORF_+_1077819	1077819	1077989	+	3	171	GTG	TAA	0	0
mORF_+_1077874	1077874	1078008	+	1	135	ATG	TAA	0	0
mORF_+_1077977	1077977	1078012	+	2	36	TTG	TAA	0	0
mORF_+_1078016	1078016	1078141	+	2	126	GTG	TAA	0	0
mORF_+_1078018	1078018	1078053	+	1	36	GTG	TAA	0	0
mORF_+_1078023	1078023	1078163	+	3	141	GTG	TGA	0	0
mORF_+_1078160	1078160	1078369	+	2	210	ATG	TAA	0	0
mORF_+_1078174	1078174	1078224	+	1	51	TTG	TGA	0	0
mORF_+_1078176	1078176	1078190	+	3	15	GTG	TAA	0	0
mORF_+_1078191	1078191	1078196	+	3	6	ATG	TGA	0	0
mORF_+_1078221	1078221	1078232	+	3	12	ATG	TAA	0	0
mORF_+_1078308	1078308	1078328	+	3	21	GTG	TGA	0	0
mORF_+_1078333	1078333	1078353	+	1	21	GTG	TAG	0	0
mORF_+_1078353	1078353	1078376	+	3	24	GTG	TAA	0	0
mORF_+_1078376	1078376	1078381	+	2	6	ATG	TAA	0	0

mORF+_1078382	1078382	1078393	+	2	12	ATG	TAA	0	0	
mORF+_1078387	1078387	1078404	+	1	18	GTG	TGA	0	0	
mORF+_1078401	1078401	1078538	+	3	138	GTG	TAG	0	0	
mORF+_1078498	1078498	1078527	+	1	30	TTG	TAG	0	0	
mORF+_1078528	1078528	1080036	+	1	1509	ATG	TAA	4	16	pORF+_1078528
mORF+_1078560	1078560	1078625	+	3	66	TTG	TGA	0	0	
mORF+_1078562	1078562	1078582	+	2	21	GTG	TGA	0	0	
mORF+_1078589	1078589	1078666	+	2	78	TTG	TGA	0	0	
mORF+_1078682	1078682	1078696	+	2	15	GTG	TGA	0	0	
mORF+_1078766	1078766	1078774	+	2	9	TTG	TGA	0	0	
mORF+_1078785	1078785	1078793	+	3	9	GTG	TAA	0	0	
mORF+_1078820	1078820	1078852	+	2	33	GTG	TAA	0	0	
mORF+_1078880	1078880	1079002	+	2	123	TTG	TGA	0	0	
mORF+_1078947	1078947	1078985	+	3	39	TTG	TGA	0	0	
mORF+_1079019	1079019	1079087	+	3	69	GTG	TGA	0	0	
mORF+_1079057	1079057	1079077	+	2	21	TTG	TGA	0	0	
mORF+_1079114	1079114	1079122	+	2	9	TTG	TGA	0	0	
mORF+_1079150	1079150	1079182	+	2	33	GTG	TGA	0	0	
mORF+_1079207	1079207	1079227	+	2	21	TTG	TGA	0	0	
mORF+_1079231	1079231	1079251	+	2	21	TTG	TGA	0	0	
mORF+_1079256	1079256	1079348	+	3	93	TTG	TAG	0	0	
mORF+_1079327	1079327	1079353	+	2	27	TTG	TGA	0	0	
mORF+_1079399	1079399	1079446	+	2	48	TTG	TAA	0	0	
mORF+_1079462	1079462	1079542	+	2	81	GTG	TAA	0	0	
mORF+_1079499	1079499	1079618	+	3	120	GTG	TAA	0	0	
mORF+_1079579	1079579	1079650	+	2	72	GTG	TAG	0	0	
mORF+_1079643	1079643	1079810	+	3	168	GTG	TAA	0	0	
mORF+_1079654	1079654	1079659	+	2	6	GTG	TGA	0	0	
mORF+_1079687	1079687	1079728	+	2	42	TTG	TAG	0	0	
mORF+_1079750	1079750	1079788	+	2	39	TTG	TGA	0	0	
mORF+_1079813	1079813	1079830	+	2	18	GTG	TGA	0	0	
mORF+_1079837	1079837	1079845	+	2	9	GTG	TGA	0	0	
mORF+_1079918	1079918	1079929	+	2	12	TTG	TAG	0	0	
mORF+_1079978	1079978	1080109	+	2	132	TTG	TAA	0	0	
mORF+_1080058	1080058	1080114	+	1	57	TTG	TGA	0	0	
mORF+_1080111	1080111	1080320	+	3	210	TTG	TGA	0	0	
mORF+_1080115	1080115	1080198	+	1	84	ATG	TGA	0	0	
mORF+_1080224	1080224	1080244	+	2	21	ATG	TAG	0	0	
mORF+_1080247	1080247	1080312	+	1	66	TTG	TGA	0	0	
mORF+_1080260	1080260	1080277	+	2	18	ATG	TGA	0	0	
mORF+_1080317	1080317	1080418	+	2	102	TTG	TAA	0	0	
mORF+_1080333	1080333	1080545	+	3	213	TTG	TAG	0	0	
mORF+_1080385	1080385	1080567	+	1	183	TTG	TAA	0	0	
mORF+_1080485	1080485	1080505	+	2	21	TTG	TAA	0	0	
mORF+_1080570	1080570	1080689	+	3	120	GTG	TGA	0	0	
mORF+_1080574	1080574	1080630	+	1	57	GTG	TGA	0	0	
mORF+_1080631	1080631	1080642	+	1	12	TTG	TGA	0	0	
mORF+_1080643	1080643	1080747	+	1	105	TTG	TAA	0	0	
mORF+_1080677	1080677	1081408	+	2	732	ATG	TAA	0	0	
mORF+_1080696	1080696	1080809	+	3	114	TTG	TGA	0	0	
mORF+_1080909	1080909	1080938	+	3	30	GTG	TGA	0	0	
mORF+_1080951	1080951	1081070	+	3	120	TTG	TAG	0	0	
mORF+_1081107	1081107	1081235	+	3	129	TTG	TGA	0	0	
mORF+_1081123	1081123	1081191	+	1	69	ATG	TGA	0	0	
mORF+_1081201	1081201	1081434	+	1	234	GTG	TAG	0	0	
mORF+_1081236	1081236	1081274	+	3	39	GTG	TGA	0	0	
mORF+_1081287	1081287	1081469	+	3	183	TTG	TGA	0	0	
mORF+_1081427	1081427	1081450	+	2	24	TTG	TAA	0	0	
mORF+_1081466	1081466	1082593	+	2	1128	ATG	TAA	55	577	pORF+_1081466
mORF+_1081548	1081548	1081568	+	3	21	ATG	TGA	0	0	
mORF+_1081585	1081585	1081611	+	1	27	GTG	TAA	0	0	
mORF+_1081663	1081663	1081725	+	1	63	GTG	TAG	0	0	
mORF+_1081815	1081815	1081856	+	3	42	GTG	TAA	0	0	

mORF_+_1081860	1081860	1081919	+	3	60	TTG	TGA	0	0	
mORF_+_1081983	1081983	1082267	+	3	285	ATG	TGA	0	0	
mORF_+_1082268	1082268	1082504	+	3	237	TTG	TGA	0	0	
mORF_+_1082329	1082329	1082346	+	1	18	GTG	TAA	0	0	
mORF_+_1082508	1082508	1082528	+	3	21	ATG	TGA	0	0	
mORF_+_1082574	1082574	1082609	+	3	36	GTG	TAA	0	0	
mORF_+_1082599	1082599	1083870	+	1	1272	ATG	TAA	1	2	pORF_+_1082599
mORF_+_1082612	1082612	1082626	+	2	15	ATG	TGA	0	0	
mORF_+_1082627	1082627	1082653	+	2	27	ATG	TGA	0	0	
mORF_+_1082663	1082663	1082794	+	2	132	GTG	TGA	0	0	
mORF_+_1082685	1082685	1082753	+	3	69	TTG	TGA	0	0	
mORF_+_1082828	1082828	1082881	+	2	54	TTG	TGA	0	0	
mORF_+_1082891	1082891	1082902	+	2	12	TTG	TGA	0	0	
mORF_+_1082966	1082966	1083079	+	2	114	TTG	TGA	0	0	
mORF_+_1083104	1083104	1083340	+	2	237	ATG	TGA	0	0	
mORF_+_1083114	1083114	1083125	+	3	12	ATG	TGA	0	0	
mORF_+_1083141	1083141	1083260	+	3	120	TTG	TAG	0	0	
mORF_+_1083354	1083354	1083488	+	3	135	GTG	TGA	0	0	
mORF_+_1083395	1083395	1083421	+	2	27	GTG	TGA	0	0	
mORF_+_1083479	1083479	1083568	+	2	90	TTG	TGA	0	0	
mORF_+_1083617	1083617	1083631	+	2	15	GTG	TGA	0	0	
mORF_+_1083641	1083641	1083739	+	2	99	GTG	TGA	0	0	
mORF_+_1083758	1083758	1083826	+	2	69	ATG	TGA	0	0	
mORF_+_1083870	1083870	1083887	+	3	18	ATG	TAA	0	0	
mORF_+_1083893	1083893	1083910	+	2	18	TTG	TGA	0	0	
mORF_+_1083895	1083895	1083960	+	1	66	GTG	TAG	0	0	
mORF_+_1083903	1083903	1084010	+	3	108	ATG	TGA	0	0	
mORF_+_1083995	1083995	1084003	+	2	9	GTG	TGA	0	0	
mORF_+_1084003	1084003	1084083	+	1	81	ATG	TAA	0	0	
mORF_+_1084010	1084010	1084111	+	2	102	ATG	TAA	0	0	
mORF_+_1084083	1084083	1084121	+	3	39	ATG	TAA	0	0	
mORF_+_1084127	1084127	1084138	+	2	12	TTG	TAA	0	0	
mORF_+_1084139	1084139	1084189	+	2	51	ATG	TGA	0	0	
mORF_+_1084186	1084186	1084221	+	1	36	GTG	TAA	0	0	
mORF_+_1084202	1084202	1084249	+	2	48	ATG	TAA	0	0	
mORF_+_1084215	1084215	1085279	+	3	1065	ATG	TAA	1	0	pORF_+_1084215
mORF_+_1084237	1084237	1084245	+	1	9	ATG	TAG	0	0	
mORF_+_1084331	1084331	1084363	+	2	33	ATG	TAG	0	0	
mORF_+_1084333	1084333	1084350	+	1	18	GTG	TAA	0	0	
mORF_+_1084354	1084354	1084512	+	1	159	GTG	TGA	0	0	
mORF_+_1084457	1084457	1084462	+	2	6	GTG	TGA	0	0	
mORF_+_1084537	1084537	1084545	+	1	9	GTG	TGA	0	0	
mORF_+_1084573	1084573	1084617	+	1	45	GTG	TAG	0	0	
mORF_+_1084624	1084624	1084695	+	1	72	TTG	TGA	0	0	
mORF_+_1084702	1084702	1084719	+	1	18	TTG	TGA	0	0	
mORF_+_1084742	1084742	1084795	+	2	54	GTG	TAA	0	0	
mORF_+_1084798	1084798	1084929	+	1	132	ATG	TAG	0	0	
mORF_+_1084981	1084981	1085055	+	1	75	TTG	TGA	0	0	
mORF_+_1085119	1085119	1085166	+	1	48	GTG	TAA	0	0	
mORF_+_1085132	1085132	1085170	+	2	39	ATG	TGA	0	0	
mORF_+_1085167	1085167	1085343	+	1	177	GTG	TAG	0	0	
mORF_+_1085249	1085249	1085425	+	2	177	TTG	TGA	0	0	
mORF_+_1085280	1085280	1085387	+	3	108	GTG	TGA	0	0	
mORF_+_1085371	1085371	1085418	+	1	48	TTG	TAG	0	0	
mORF_+_1085419	1085419	1085448	+	1	30	TTG	TAA	0	0	
mORF_+_1085442	1085442	1085648	+	3	207	TTG	TGA	1	7	pORF_+_1085442
mORF_+_1085464	1085464	1085541	+	1	78	TTG	TAA	0	0	
mORF_+_1085519	1085519	1085575	+	2	57	TTG	TAG	0	0	
mORF_+_1085602	1085602	1085640	+	1	39	TTG	TAA	0	0	
mORF_+_1085630	1085630	1085689	+	2	60	ATG	TAA	0	0	
mORF_+_1085661	1085661	1085726	+	3	66	ATG	TAA	0	0	
mORF_+_1085713	1085713	1085733	+	1	21	TTG	TAA	0	0	
mORF_+_1085735	1085735	1085824	+	2	90	TTG	TGA	0	0	

mORF_+_1085808	1085808	1085912	+	3	105	ATG	TAG	0	0	
mORF_+_1085815	1085815	1085820	+	1	6	GTG	TAA	0	0	
mORF_+_1085821	1085821	1085862	+	1	42	ATG	TAA	0	0	
mORF_+_1085890	1085890	1085934	+	1	45	ATG	TGA	0	0	
mORF_+_1085903	1085903	1085950	+	2	48	ATG	TAA	0	0	
mORF_+_1085981	1085981	1086016	+	2	36	ATG	TAA	0	0	
mORF_+_1085983	1085983	1086048	+	1	66	GTG	TAA	0	0	
mORF_+_1086032	1086032	1086214	+	2	183	TTG	TAA	2	8	pORF_+_1086032
mORF_+_1086048	1086048	1086179	+	3	132	ATG	TGA	0	0	
mORF_+_1086079	1086079	1086156	+	1	78	TTG	TGA	0	0	
mORF_+_1086241	1086241	1086294	+	1	54	GTG	TAA	0	0	
mORF_+_1086309	1086309	1086332	+	3	24	GTG	TAA	0	0	
mORF_+_1086361	1086361	1086372	+	1	12	ATG	TAA	0	0	
mORF_+_1086417	1086417	1086455	+	3	39	TTG	TGA	0	0	
mORF_+_1086433	1086433	1086474	+	1	42	TTG	TAG	0	0	
mORF_+_1086478	1086478	1086630	+	1	153	GTG	TAA	0	0	
mORF_+_1086522	1086522	1086665	+	3	144	TTG	TGA	0	0	
mORF_+_1086653	1086653	1086730	+	2	78	TTG	TGA	0	0	
mORF_+_1086666	1086666	1086767	+	3	102	ATG	TAA	0	0	
mORF_+_1086688	1086688	1086750	+	1	63	GTG	TAA	0	0	
mORF_+_1086772	1086772	1086819	+	1	48	GTG	TAA	0	0	
mORF_+_1086785	1086785	1087015	+	2	231	GTG	TAG	0	0	
mORF_+_1086789	1086789	1086908	+	3	120	ATG	TAG	0	0	
mORF_+_1086871	1086871	1086942	+	1	72	GTG	TAA	0	0	
mORF_+_1086942	1086942	1086998	+	3	57	ATG	TGA	0	0	
mORF_+_1087020	1087020	1087091	+	3	72	ATG	TGA	0	0	
mORF_+_1087088	1087088	1087108	+	2	21	TTG	TAA	0	0	
mORF_+_1087122	1087122	1087181	+	3	60	TTG	TAA	0	0	
mORF_+_1087138	1087138	1087149	+	1	12	TTG	TAA	0	0	
mORF_+_1087194	1087194	1087259	+	3	66	GTG	TAA	0	0	
mORF_+_1087250	1087250	1087270	+	2	21	GTG	TAG	0	0	
mORF_+_1087273	1087273	1087287	+	1	15	TTG	TGA	0	0	
mORF_+_1087291	1087291	1087305	+	1	15	ATG	TGA	0	0	
mORF_+_1087302	1087302	1087322	+	3	21	TTG	TAA	0	0	
mORF_+_1087306	1087306	1087362	+	1	57	TTG	TAA	0	0	
mORF_+_1087326	1087326	1087400	+	3	75	TTG	TAG	0	0	
mORF_+_1087418	1087418	1087483	+	2	66	GTG	TAA	0	0	
mORF_+_1087443	1087443	1087526	+	3	84	TTG	TAA	0	0	
mORF_+_1087487	1087487	1087519	+	2	33	GTG	TAA	0	0	
mORF_+_1087498	1087498	1087629	+	1	132	ATG	TGA	0	0	
mORF_+_1087575	1087575	1087670	+	3	96	TTG	TGA	0	0	
mORF_+_1087636	1087636	1087665	+	1	30	GTG	TAA	0	0	
mORF_+_1087646	1087646	1087756	+	2	111	GTG	TGA	0	0	
mORF_+_1087686	1087686	1087736	+	3	51	GTG	TAA	0	0	
mORF_+_1087696	1087696	1087785	+	1	90	ATG	TGA	0	0	
mORF_+_1087746	1087746	1087829	+	3	84	TTG	TAA	0	0	
mORF_+_1087805	1087805	1087936	+	2	132	GTG	TAA	0	0	
mORF_+_1087849	1087849	1087890	+	1	42	GTG	TAG	0	0	
mORF_+_1087891	1087891	1088061	+	1	171	ATG	TGA	0	0	
mORF_+_1087917	1087917	1087958	+	3	42	TTG	TAG	0	0	
mORF_+_1087952	1087952	1087987	+	2	36	TTG	TGA	0	0	
mORF_+_1088015	1088015	1088164	+	2	150	ATG	TAA	0	0	
mORF_+_1088040	1088040	1088066	+	3	27	TTG	TAG	0	0	
mORF_+_1088077	1088077	1088109	+	1	33	TTG	TAA	0	0	
mORF_+_1088088	1088088	1088147	+	3	60	TTG	TGA	0	0	
mORF_+_1088169	1088169	1088189	+	3	21	TTG	TAA	0	0	
mORF_+_1088189	1088189	1088266	+	2	78	ATG	TGA	0	0	
mORF_+_1088200	1088200	1088280	+	1	81	TTG	TAA	0	0	
mORF_+_1088232	1088232	1088255	+	3	24	TTG	TGA	0	0	
mORF_+_1088308	1088308	1088328	+	1	21	ATG	TAA	0	0	
mORF_+_1088343	1088343	1088483	+	3	141	GTG	TAA	0	0	
mORF_+_1088345	1088345	1088452	+	2	108	GTG	TAA	0	0	
mORF_+_1088456	1088456	1088500	+	2	45	ATG	TAG	0	0	

mORF_+_1088491	1088491	1088505	+	1	15	GTG	TGA	0	0
mORF_+_1088514	1088514	1088771	+	3	258	GTG	TAG	0	0
mORF_+_1088525	1088525	1088815	+	2	291	ATG	TGA	0	0
mORF_+_1088584	1088584	1088697	+	1	114	GTG	TGA	0	0
mORF_+_1088787	1088787	1088867	+	3	81	ATG	TGA	0	0
mORF_+_1088861	1088861	1088884	+	2	24	GTG	TAA	0	0
mORF_+_1088916	1088916	1088924	+	3	9	ATG	TGA	0	0
mORF_+_1088921	1088921	1088995	+	2	75	ATG	TAA	0	0
mORF_+_1088943	1088943	1088969	+	3	27	ATG	TAA	0	0
mORF_+_1088996	1088996	1089016	+	2	21	ATG	TAA	0	0
mORF_+_1089016	1089016	1089099	+	1	84	ATG	TGA	0	0
mORF_+_1089100	1089100	1089204	+	1	105	ATG	TAA	0	0
mORF_+_1089126	1089126	1089149	+	3	24	TTG	TAA	0	0
mORF_+_1089128	1089128	1089169	+	2	42	GTG	TAG	0	0
mORF_+_1089204	1089204	1089218	+	3	15	ATG	TAG	0	0
mORF_+_1089209	1089209	1089319	+	2	111	TTG	TAA	0	0
mORF_+_1089228	1089228	1089248	+	3	21	GTG	TAA	0	0
mORF_+_1089323	1089323	1089421	+	2	99	ATG	TAG	0	0
mORF_+_1089328	1089328	1089366	+	1	39	TTG	TAG	0	0
mORF_+_1089369	1089369	1089374	+	3	6	TTG	TAG	0	0
mORF_+_1089376	1089376	1089513	+	1	138	ATG	TGA	0	0
mORF_+_1089453	1089453	1089464	+	3	12	ATG	TGA	0	0
mORF_+_1089482	1089482	1089610	+	2	129	ATG	TAA	0	0
mORF_+_1089510	1089510	1089551	+	3	42	GTG	TGA	0	0
mORF_+_1089579	1089579	1089623	+	3	45	TTG	TGA	0	0
mORF_+_1089601	1089601	1089666	+	1	66	TTG	TAA	0	0
mORF_+_1089620	1089620	1089757	+	2	138	GTG	TGA	0	0
mORF_+_1089711	1089711	1089827	+	3	117	TTG	TAA	0	0
mORF_+_1089754	1089754	1089810	+	1	57	GTG	TAA	0	0
mORF_+_1089812	1089812	1089871	+	2	60	TTG	TGA	0	0
mORF_+_1089865	1089865	1090107	+	1	243	GTG	TAA	0	0
mORF_+_1089879	1089879	1090193	+	3	315	ATG	TAA	0	0
mORF_+_1089899	1089899	1089940	+	2	42	ATG	TGA	0	0
mORF_+_1089968	1089968	1089991	+	2	24	ATG	TAA	0	0
mORF_+_1090010	1090010	1090042	+	2	33	TTG	TAA	0	0
mORF_+_1090064	1090064	1090069	+	2	6	TTG	TAA	0	0
mORF_+_1090088	1090088	1090141	+	2	54	TTG	TAA	0	0
mORF_+_1090114	1090114	1090338	+	1	225	GTG	TAG	0	0
mORF_+_1090175	1090175	1090180	+	2	6	TTG	TAA	0	0
mORF_+_1090197	1090197	1090211	+	3	15	ATG	TGA	0	0
mORF_+_1090301	1090301	1090312	+	2	12	ATG	TAA	0	0
mORF_+_1090329	1090329	1090412	+	3	84	ATG	TAA	0	0
mORF_+_1090382	1090382	1090399	+	2	18	ATG	TAG	0	0
mORF_+_1090427	1090427	1090465	+	2	39	GTG	TAA	0	0
mORF_+_1090476	1090476	1090490	+	3	15	ATG	TGA	0	0
mORF_+_1090487	1090487	1090513	+	2	27	GTG	TGA	0	0
mORF_+_1090510	1090510	1090542	+	1	33	TTG	TGA	0	0
mORF_+_1090532	1090532	1090603	+	2	72	ATG	TAA	0	0
mORF_+_1090539	1090539	1090547	+	3	9	TTG	TAA	0	0
mORF_+_1090552	1090552	1090584	+	1	33	ATG	TAA	0	0
mORF_+_1090613	1090613	1090648	+	2	36	GTG	TAA	0	0
mORF_+_1090661	1090661	1090726	+	2	66	ATG	TAA	0	0
mORF_+_1090692	1090692	1090766	+	3	75	GTG	TAA	0	0
mORF_+_1090726	1090726	1090788	+	1	63	ATG	TAG	0	0
mORF_+_1090736	1090736	1090846	+	2	111	TTG	TAA	0	0
mORF_+_1090848	1090848	1090877	+	3	30	TTG	TGA	0	0
mORF_+_1090874	1090874	1090888	+	2	15	TTG	TAA	0	0
mORF_+_1090888	1090888	1090923	+	1	36	ATG	TAG	0	0
mORF_+_1090905	1090905	1090970	+	3	66	GTG	TGA	0	0
mORF_+_1090913	1090913	1090939	+	2	27	TTG	TAA	0	0
mORF_+_1090924	1090924	1091040	+	1	117	ATG	TAA	0	0
mORF_+_1090970	1090970	1091011	+	2	42	ATG	TAA	0	0
mORF_+_1091013	1091013	1091072	+	3	60	TTG	TAG	0	0

mORF_+_1091072	1091072	1091095	+	2	24	GTG	TAA	0	0	
mORF_+_1091099	1091099	1091227	+	2	129	TTG	TAA	0	0	
mORF_+_1091155	1091155	1091160	+	1	6	GTG	TAA	0	0	
mORF_+_1091228	1091228	1091287	+	2	60	TTG	TAA	0	0	
mORF_+_1091247	1091247	1091252	+	3	6	TTG	TAA	0	0	
mORF_+_1091312	1091312	1091332	+	2	21	TTG	TGA	0	0	
mORF_+_1091319	1091319	1091363	+	3	45	TTG	TGA	0	0	
mORF_+_1091326	1091326	1091388	+	1	63	GTG	TAA	0	0	
mORF_+_1091373	1091373	1091402	+	3	30	TTG	TAG	0	0	
mORF_+_1091392	1091392	1091412	+	1	21	ATG	TAA	0	0	
mORF_+_1091446	1091446	1091457	+	1	12	ATG	TAA	0	0	
mORF_+_1091475	1091475	1091570	+	3	96	TTG	TGA	0	0	
mORF_+_1091503	1091503	1091556	+	1	54	TTG	TAA	0	0	
mORF_+_1091531	1091531	1091566	+	2	36	TTG	TAA	0	0	
mORF_+_1091585	1091585	1091608	+	2	24	TTG	TAA	0	0	
mORF_+_1091624	1091624	1091635	+	2	12	GTG	TGA	0	0	
mORF_+_1091629	1091629	1091763	+	1	135	TTG	TAG	0	0	
mORF_+_1091651	1091651	1091674	+	2	24	ATG	TAA	0	0	
mORF_+_1091705	1091705	1091734	+	2	30	ATG	TAA	0	0	
mORF_+_1091741	1091741	1091758	+	2	18	ATG	TAA	0	0	
mORF_+_1091793	1091793	1091870	+	3	78	ATG	TAA	0	0	
mORF_+_1091797	1091797	1091886	+	1	90	ATG	TAA	0	0	
mORF_+_1091858	1091858	1091881	+	2	24	TTG	TGA	0	0	
mORF_+_1091886	1091886	1091909	+	3	24	ATG	TAA	0	0	
mORF_+_1091937	1091937	1091972	+	3	36	TTG	TAA	0	0	
mORF_+_1092004	1092004	1092030	+	1	27	TTG	TGA	0	0	
mORF_+_1092008	1092008	1092094	+	2	87	TTG	TAG	0	0	
mORF_+_1092027	1092027	1093457	+	3	1431	TTG	TAA	0	0	
mORF_+_1092151	1092151	1092174	+	1	24	TTG	TGA	0	0	
mORF_+_1092179	1092179	1092187	+	2	9	TTG	TAA	0	0	
mORF_+_1092199	1092199	1092231	+	1	33	TTG	TGA	0	0	
mORF_+_1092241	1092241	1092345	+	1	105	TTG	TGA	0	0	
mORF_+_1092347	1092347	1092397	+	2	51	TTG	TGA	0	0	
mORF_+_1092361	1092361	1092369	+	1	9	TTG	TAA	0	0	
mORF_+_1092394	1092394	1092408	+	1	15	TTG	TGA	0	0	
mORF_+_1092415	1092415	1092462	+	1	48	GTG	TGA	0	0	
mORF_+_1092467	1092467	1092499	+	2	33	GTG	TAA	0	0	
mORF_+_1092505	1092505	1092546	+	1	42	GTG	TGA	0	0	
mORF_+_1092551	1092551	1092607	+	2	57	GTG	TAG	0	0	
mORF_+_1092568	1092568	1092588	+	1	21	TTG	TAG	0	0	
mORF_+_1092589	1092589	1092645	+	1	57	TTG	TAA	0	0	
mORF_+_1092649	1092649	1092693	+	1	45	ATG	TAA	0	0	
mORF_+_1092668	1092668	1092727	+	2	60	TTG	TAA	0	0	
mORF_+_1092739	1092739	1092771	+	1	33	ATG	TGA	0	0	
mORF_+_1092778	1092778	1092822	+	1	45	TTG	TGA	0	0	
mORF_+_1092785	1092785	1092832	+	2	48	TTG	TAG	0	0	
mORF_+_1092842	1092842	1092853	+	2	12	TTG	TAG	0	0	
mORF_+_1092862	1092862	1092870	+	1	9	TTG	TAG	0	0	
mORF_+_1092902	1092902	1092973	+	2	72	GTG	TAA	0	0	
mORF_+_1092916	1092916	1092930	+	1	15	GTG	TAA	0	0	
mORF_+_1092940	1092940	1092960	+	1	21	TTG	TAA	0	0	
mORF_+_1092991	1092991	1092999	+	1	9	ATG	TGA	0	0	
mORF_+_1093034	1093034	1093156	+	2	123	TTG	TGA	1	4	pORF_+_1093034
mORF_+_1093096	1093096	1093110	+	1	15	TTG	TGA	0	0	
mORF_+_1093132	1093132	1093164	+	1	33	TTG	TAG	0	0	
mORF_+_1093186	1093186	1093200	+	1	15	TTG	TGA	0	0	
mORF_+_1093219	1093219	1093233	+	1	15	GTG	TAG	0	0	
mORF_+_1093252	1093252	1093266	+	1	15	ATG	TAA	0	0	
mORF_+_1093315	1093315	1093329	+	1	15	TTG	TGA	0	0	
mORF_+_1093339	1093339	1093347	+	1	9	ATG	TAA	0	0	
mORF_+_1093354	1093354	1093425	+	1	72	ATG	TGA	0	0	
mORF_+_1093429	1093429	1093437	+	1	9	ATG	TGA	0	0	
mORF_+_1093442	1093442	1093447	+	2	6	TTG	TGA	0	0	

mORF+_1093444	1093444	1093470	+	1	27	GTG	TGA	0	0	
mORF+_1093467	1093467	1093484	+	3	18	TTG	TAA	0	0	
mORF+_1093486	1093486	1093761	+	1	276	ATG	TGA	0	0	
mORF+_1093511	1093511	1093573	+	2	63	TTG	TAA	0	0	
mORF+_1093599	1093599	1093622	+	3	24	TTG	TGA	0	0	
mORF+_1093704	1093704	1093796	+	3	93	TTG	TAA	0	0	
mORF+_1093784	1093784	1093789	+	2	6	GTG	TGA	0	0	
mORF+_1093786	1093786	1093878	+	1	93	GTG	TGA	0	0	
mORF+_1093862	1093862	1093996	+	2	135	ATG	TAA	0	0	
mORF+_1093866	1093866	1093889	+	3	24	GTG	TAA	0	0	
mORF+_1093896	1093896	1093913	+	3	18	GTG	TGA	0	0	
mORF+_1094035	1094035	1094187	+	1	153	GTG	TGA	0	0	
mORF+_1094037	1094037	1094051	+	3	15	GTG	TGA	0	0	
mORF+_1094076	1094076	1094126	+	3	51	TTG	TAA	0	0	
mORF+_1094163	1094163	1094195	+	3	33	GTG	TAA	0	0	
mORF+_1094221	1094221	1094496	+	1	276	GTG	TGA	0	0	
mORF+_1094243	1094243	1094266	+	2	24	GTG	TGA	0	0	
mORF+_1094253	1094253	1094321	+	3	69	TTG	TGA	0	0	
mORF+_1094318	1094318	1094338	+	2	21	TTG	TGA	0	0	
mORF+_1094384	1094384	1094407	+	2	24	ATG	TAG	0	0	
mORF+_1094397	1094397	1094531	+	3	135	TTG	TGA	0	0	
mORF+_1094447	1094447	1094461	+	2	15	GTG	TAG	0	0	
mORF+_1094518	1094518	1094523	+	1	6	TTG	TAG	0	0	
mORF+_1094528	1094528	1094545	+	2	18	GTG	TGA	0	0	
mORF+_1094572	1094572	1094664	+	1	93	ATG	TGA	0	0	
mORF+_1094616	1094616	1094645	+	3	30	ATG	TGA	0	0	
mORF+_1094642	1094642	1094695	+	2	54	TTG	TAG	0	0	
mORF+_1094661	1094661	1094675	+	3	15	GTG	TGA	0	0	
mORF+_1094700	1094700	1094720	+	3	21	GTG	TAA	0	0	
mORF+_1094710	1094710	1095069	+	1	360	TTG	TGA	1	2	pORF+_1094710
mORF+_1094726	1094726	1094746	+	2	21	GTG	TGA	0	0	
mORF+_1094780	1094780	1094821	+	2	42	TTG	TGA	0	0	
mORF+_1094901	1094901	1094909	+	3	9	ATG	TGA	0	0	
mORF+_1094954	1094954	1094962	+	2	9	TTG	TAA	0	0	
mORF+_1094993	1094993	1095076	+	2	84	ATG	TGA	0	0	
mORF+_1095030	1095030	1095038	+	3	9	TTG	TAA	0	0	
mORF+_1095066	1095066	1096052	+	3	987	ATG	TGA	0	0	
mORF+_1095127	1095127	1095147	+	1	21	ATG	TGA	0	0	
mORF+_1095158	1095158	1095208	+	2	51	TTG	TAG	0	0	
mORF+_1095166	1095166	1095204	+	1	39	ATG	TAG	0	0	
mORF+_1095208	1095208	1095330	+	1	123	GTG	TAG	0	0	
mORF+_1095272	1095272	1095307	+	2	36	ATG	TAA	0	0	
mORF+_1095385	1095385	1095393	+	1	9	GTG	TGA	0	0	
mORF+_1095395	1095395	1095544	+	2	150	TTG	TAA	0	0	
mORF+_1095427	1095427	1095441	+	1	15	ATG	TGA	0	0	
mORF+_1095451	1095451	1095486	+	1	36	TTG	TGA	0	0	
mORF+_1095499	1095499	1095525	+	1	27	ATG	TAG	0	0	
mORF+_1095559	1095559	1095639	+	1	81	ATG	TGA	0	0	
mORF+_1095575	1095575	1095595	+	2	21	GTG	TAA	0	0	
mORF+_1095650	1095650	1095664	+	2	15	GTG	TAA	0	0	
mORF+_1095673	1095673	1095699	+	1	27	TTG	TAG	0	0	
mORF+_1095689	1095689	1095712	+	2	24	TTG	TAA	0	0	
mORF+_1095793	1095793	1095867	+	1	75	GTG	TGA	0	0	
mORF+_1095830	1095830	1095862	+	2	33	TTG	TGA	0	0	
mORF+_1095869	1095869	1095925	+	2	57	GTG	TGA	0	0	
mORF+_1095901	1095901	1095906	+	1	6	TTG	TAG	0	0	
mORF+_1095922	1095922	1095960	+	1	39	TTG	TAA	0	0	
mORF+_1095953	1095953	1095997	+	2	45	GTG	TAA	0	0	
mORF+_1096013	1096013	1096018	+	2	6	ATG	TGA	0	0	
mORF+_1096015	1096015	1096113	+	1	99	GTG	TGA	0	0	
mORF+_1096031	1096031	1096045	+	2	15	TTG	TAA	0	0	
mORF+_1096049	1096049	1096060	+	2	12	GTG	TGA	0	0	
mORF+_1096067	1096067	1096078	+	2	12	GTG	TAA	0	0	

mORF+_1096086	1096086	1096124	+	3	39	ATG	TGA	0	0	
mORF+_1096114	1096114	1096128	+	1	15	TTG	TAA	0	0	
mORF+_1096137	1096137	1096241	+	3	105	TTG	TAA	0	0	
mORF+_1096142	1096142	1096165	+	2	24	GTG	TAA	0	0	
mORF+_1096171	1096171	1096422	+	1	252	GTG	TAA	0	0	
mORF+_1096190	1096190	1096603	+	2	414	GTG	TAA	0	0	
mORF+_1096371	1096371	1096784	+	3	414	GTG	TAA	0	0	
mORF+_1096552	1096552	1096911	+	1	360	GTG	TAA	0	0	
mORF+_1096733	1096733	1096927	+	2	195	GTG	TGA	0	0	
mORF+_1096893	1096893	1096916	+	3	24	TTG	TAG	0	0	
mORF+_1096924	1096924	1096932	+	1	9	ATG	TGA	0	0	
mORF+_1096947	1096947	1097063	+	3	117	TTG	TAA	0	0	
mORF+_1096982	1096982	1097056	+	2	75	ATG	TAG	0	0	
mORF+_1096984	1096984	1096995	+	1	12	GTG	TAA	0	0	
mORF+_1097038	1097038	1097079	+	1	42	ATG	TAA	0	0	
mORF+_1097070	1097070	1098047	+	3	978	GTG	TAA	31	245	pORF+_1097070
mORF+_1097147	1097147	1097158	+	2	12	ATG	TGA	0	0	
mORF+_1097155	1097155	1097238	+	1	84	TTG	TAG	0	0	
mORF+_1097198	1097198	1097215	+	2	18	ATG	TAA	0	0	
mORF+_1097254	1097254	1097322	+	1	69	TTG	TGA	0	0	
mORF+_1097413	1097413	1097673	+	1	261	ATG	TGA	0	0	
mORF+_1097435	1097435	1097452	+	2	18	TTG	TGA	0	0	
mORF+_1097483	1097483	1097500	+	2	18	TTG	TGA	0	0	
mORF+_1097597	1097597	1097617	+	2	21	TTG	TAA	0	0	
mORF+_1097621	1097621	1097695	+	2	75	GTG	TAA	0	0	
mORF+_1097761	1097761	1097919	+	1	159	ATG	TGA	0	0	
mORF+_1097932	1097932	1098162	+	1	231	ATG	TAA	0	0	
mORF+_1098083	1098083	1098154	+	2	72	TTG	TAG	0	0	
mORF+_1098102	1098102	1098839	+	3	738	ATG	TAA	18	143	pORF+_1098102
mORF+_1098163	1098163	1098300	+	1	138	GTG	TAG	0	0	
mORF+_1098334	1098334	1098387	+	1	54	ATG	TAA	0	0	
mORF+_1098391	1098391	1098453	+	1	63	TTG	TGA	0	0	
mORF+_1098475	1098475	1098486	+	1	12	ATG	TAA	0	0	
mORF+_1098511	1098511	1098519	+	1	9	ATG	TAG	0	0	
mORF+_1098520	1098520	1098525	+	1	6	ATG	TGA	0	0	
mORF+_1098532	1098532	1098630	+	1	99	TTG	TAG	0	0	
mORF+_1098643	1098643	1098669	+	1	27	GTG	TAG	0	0	
mORF+_1098656	1098656	1098709	+	2	54	TTG	TGA	0	0	
mORF+_1098706	1098706	1098738	+	1	33	TTG	TAG	0	0	
mORF+_1098713	1098713	1098721	+	2	9	GTG	TAA	0	0	
mORF+_1098763	1098763	1098786	+	1	24	ATG	TGA	0	0	
mORF+_1098793	1098793	1098846	+	1	54	TTG	TAG	0	0	
mORF+_1098849	1098849	1098863	+	3	15	ATG	TAA	0	0	
mORF+_1098863	1098863	1099417	+	2	555	ATG	TAA	14	68	pORF+_1098863
mORF+_1098888	1098888	1098953	+	3	66	GTG	TGA	0	0	
mORF+_1098957	1098957	1099007	+	3	51	GTG	TGA	0	0	
mORF+_1099026	1099026	1099034	+	3	9	GTG	TGA	0	0	
mORF+_1099056	1099056	1099169	+	3	114	ATG	TAG	0	0	
mORF+_1099078	1099078	1099101	+	1	24	ATG	TAG	0	0	
mORF+_1099105	1099105	1099113	+	1	9	ATG	TGA	0	0	
mORF+_1099242	1099242	1099361	+	3	120	ATG	TAA	0	0	
mORF+_1099291	1099291	1099377	+	1	87	GTG	TAG	0	0	
mORF+_1099368	1099368	1099439	+	3	72	ATG	TAA	0	0	
mORF+_1099384	1099384	1099410	+	1	27	GTG	TGA	0	0	
mORF+_1099418	1099418	1099423	+	2	6	GTG	TGA	0	0	
mORF+_1099420	1099420	1099452	+	1	33	GTG	TAA	0	0	
mORF+_1099454	1099454	1099522	+	2	69	TTG	TGA	0	0	
mORF+_1099471	1099471	1100010	+	1	540	GTG	TGA	0	0	
mORF+_1099473	1099473	1099694	+	3	222	GTG	TAG	0	0	
mORF+_1099538	1099538	1099603	+	2	66	TTG	TAA	0	0	
mORF+_1099637	1099637	1099660	+	2	24	TTG	TGA	0	0	
mORF+_1099694	1099694	1099771	+	2	78	GTG	TAA	0	0	
mORF+_1099704	1099704	1099730	+	3	27	GTG	TAG	0	0	

mORF_+_1099778	1099778	1099792	+	2	15	TTG	TGA	0	0
mORF_+_1099794	1099794	1099877	+	3	84	GTG	TGA	0	0
mORF_+_1099826	1099826	1099846	+	2	21	TTG	TAG	0	0
mORF_+_1099862	1099862	1099915	+	2	54	TTG	TGA	0	0
mORF_+_1099919	1099919	1099933	+	2	15	TTG	TGA	0	0
mORF_+_1099940	1099940	1100248	+	2	309	GTG	TAA	0	0
mORF_+_1099947	1099947	1099964	+	3	18	GTG	TAG	0	0
mORF_+_1100007	1100007	1100033	+	3	27	GTG	TAA	0	0
mORF_+_1100049	1100049	1100180	+	3	132	ATG	TAA	0	0
mORF_+_1100098	1100098	1100517	+	1	420	ATG	TAA	0	0
mORF_+_1100333	1100333	1100398	+	2	66	GTG	TGA	0	0
mORF_+_1100414	1100414	1100476	+	2	63	GTG	TAA	0	0
mORF_+_1100439	1100439	1100462	+	3	24	TTG	TGA	0	0
mORF_+_1100498	1100498	1100713	+	2	216	ATG	TAG	0	0
mORF_+_1100505	1100505	1100543	+	3	39	TTG	TAA	0	0
mORF_+_1100521	1100521	1100607	+	1	87	TTG	TAA	0	0
mORF_+_1100565	1100565	1100579	+	3	15	GTG	TAA	0	0
mORF_+_1100649	1100649	1100657	+	3	9	GTG	TGA	0	0
mORF_+_1100664	1100664	1100720	+	3	57	TTG	TAA	0	0
mORF_+_1100677	1100677	1100823	+	1	147	TTG	TAA	0	0
mORF_+_1100741	1100741	1100803	+	2	63	ATG	TAG	0	0
mORF_+_1100823	1100823	1100846	+	3	24	ATG	TAG	0	0
mORF_+_1100876	1100876	1101091	+	2	216	ATG	TAA	0	0
mORF_+_1100955	1100955	1100960	+	3	6	TTG	TAA	0	0
mORF_+_1100974	1100974	1101024	+	1	51	ATG	TGA	0	0
mORF_+_1100985	1100985	1101104	+	3	120	TTG	TAG	0	0
mORF_+_1101034	1101034	1101054	+	1	21	TTG	TAA	0	0
mORF_+_1101058	1101058	1101135	+	1	78	TTG	TGA	0	0
mORF_+_1101117	1101117	1101122	+	3	6	TTG	TGA	0	0
mORF_+_1101119	1101119	1101139	+	2	21	GTG	TAA	0	0
mORF_+_1101158	1101158	1101316	+	2	159	GTG	TAA	0	0
mORF_+_1101207	1101207	1101227	+	3	21	TTG	TAA	0	0
mORF_+_1101286	1101286	1101378	+	1	93	ATG	TAG	0	0
mORF_+_1101336	1101336	1101410	+	3	75	ATG	TAA	0	0
mORF_+_1101350	1101350	1101523	+	2	174	TTG	TAA	0	0
mORF_+_1101453	1101453	1101506	+	3	54	TTG	TAA	0	0
mORF_+_1101532	1101532	1101603	+	1	72	TTG	TAG	0	0
mORF_+_1101563	1101563	1101583	+	2	21	GTG	TAA	0	0
mORF_+_1101642	1101642	1101656	+	3	15	ATG	TGA	0	0
mORF_+_1101653	1101653	1101847	+	2	195	ATG	TAA	0	0
mORF_+_1101663	1101663	1101674	+	3	12	ATG	TAG	0	0
mORF_+_1101702	1101702	1101752	+	3	51	GTG	TAA	0	0
mORF_+_1101763	1101763	1101963	+	1	201	ATG	TGA	0	0
mORF_+_1101789	1101789	1101836	+	3	48	TTG	TGA	0	0
mORF_+_1101875	1101875	1101949	+	2	75	ATG	TGA	0	0
mORF_+_1101968	1101968	1101979	+	2	12	GTG	TAA	0	0
mORF_+_1101994	1101994	1102161	+	1	168	ATG	TAG	0	0
mORF_+_1102064	1102064	1102081	+	2	18	TTG	TGA	0	0
mORF_+_1102088	1102088	1102096	+	2	9	ATG	TAA	0	0
mORF_+_1102106	1102106	1102114	+	2	9	TTG	TGA	0	0
mORF_+_1102127	1102127	1102144	+	2	18	ATG	TAA	0	0
mORF_+_1102172	1102172	1102213	+	2	42	TTG	TAA	0	0
mORF_+_1102213	1102213	1102266	+	1	54	ATG	TGA	0	0
mORF_+_1102288	1102288	1102302	+	1	15	TTG	TAA	0	0
mORF_+_1102314	1102314	1102331	+	3	18	TTG	TAA	0	0
mORF_+_1102324	1102324	1102383	+	1	60	TTG	TAA	0	0
mORF_+_1102370	1102370	1102390	+	2	21	GTG	TGA	0	0
mORF_+_1102383	1102383	1102415	+	3	33	ATG	TAA	0	0
mORF_+_1102387	1102387	1102533	+	1	147	ATG	TAA	0	0
mORF_+_1102418	1102418	1102444	+	2	27	ATG	TGA	0	0
mORF_+_1102496	1102496	1102516	+	2	21	ATG	TAG	0	0
mORF_+_1102509	1102509	1102541	+	3	33	GTG	TAA	0	0
mORF_+_1102534	1102534	1102548	+	1	15	ATG	TAA	0	0

mORF_+_1102554	1102554	1102568	+	3	15	ATG	TGA	0	0	
mORF_+_1102601	1102601	1102615	+	2	15	GTG	TAA	0	0	
mORF_+_1102620	1102620	1102625	+	3	6	ATG	TAA	0	0	
mORF_+_1102640	1102640	1102663	+	2	24	ATG	TAA	0	0	
mORF_+_1102672	1102672	1102734	+	1	63	ATG	TGA	0	0	
mORF_+_1102692	1102692	1102715	+	3	24	TTG	TAA	0	0	
mORF_+_1102728	1102728	1102745	+	3	18	ATG	TAA	0	0	
mORF_+_1102748	1102748	1102774	+	2	27	ATG	TAG	0	0	
mORF_+_1102785	1102785	1102790	+	3	6	ATG	TAA	0	0	
mORF_+_1102798	1102798	1102908	+	1	111	TTG	TGA	0	0	
mORF_+_1102851	1102851	1103045	+	3	195	TTG	TGA	0	0	
mORF_+_1102916	1102916	1102978	+	2	63	GTG	TAA	0	0	
mORF_+_1102991	1102991	1103014	+	2	24	GTG	TGA	0	0	
mORF_+_1103011	1103011	1103019	+	1	9	ATG	TAA	0	0	
mORF_+_1103042	1103042	1103053	+	2	12	GTG	TAA	0	0	
mORF_+_1103108	1103108	1103116	+	2	9	TTG	TAA	0	0	
mORF_+_1103125	1103125	1103133	+	1	9	TTG	TGA	0	0	
mORF_+_1103130	1103130	1103138	+	3	9	ATG	TAA	0	0	
mORF_+_1103147	1103147	1103629	+	2	483	ATG	TAA	0	0	
mORF_+_1103166	1103166	1103177	+	3	12	GTG	TGA	0	0	
mORF_+_1103214	1103214	1103252	+	3	39	GTG	TAG	0	0	
mORF_+_1103280	1103280	1103288	+	3	9	ATG	TGA	0	0	
mORF_+_1103319	1103319	1103516	+	3	198	TTG	TGA	0	0	
mORF_+_1103559	1103559	1103585	+	3	27	ATG	TAG	0	0	
mORF_+_1103657	1103657	1103719	+	2	63	ATG	TAG	0	0	
mORF_+_1103670	1103670	1104125	+	3	456	ATG	TAA	0	0	
mORF_+_1103695	1103695	1103805	+	1	111	TTG	TGA	0	0	
mORF_+_1103821	1103821	1103874	+	1	54	GTG	TGA	0	0	
mORF_+_1103887	1103887	1103946	+	1	60	ATG	TGA	0	0	
mORF_+_1103953	1103953	1104009	+	1	57	GTG	TGA	0	0	
mORF_+_1103984	1103984	1104004	+	2	21	GTG	TGA	0	0	
mORF_+_1104025	1104025	1104081	+	1	57	GTG	TGA	0	0	
mORF_+_1104088	1104088	1104516	+	1	429	TTG	TAA	0	0	
mORF_+_1104134	1104134	1104187	+	2	54	TTG	TGA	0	0	
mORF_+_1104203	1104203	1104226	+	2	24	TTG	TAA	0	0	
mORF_+_1104251	1104251	1104400	+	2	150	ATG	TGA	0	0	
mORF_+_1104291	1104291	1104383	+	3	93	TTG	TAA	0	0	
mORF_+_1104446	1104446	1104538	+	2	93	TTG	TAA	0	0	
mORF_+_1104489	1104489	1104524	+	3	36	ATG	TGA	0	0	
mORF_+_1104540	1104540	1104623	+	3	84	ATG	TGA	0	0	
mORF_+_1104587	1104587	1104616	+	2	30	ATG	TAA	0	0	
mORF_+_1104620	1104620	1104631	+	2	12	TTG	TAG	0	0	
mORF_+_1104637	1104637	1104948	+	1	312	ATG	TAA	0	0	
mORF_+_1104692	1104692	1104727	+	2	36	TTG	TGA	0	0	
mORF_+_1104737	1104737	1104790	+	2	54	ATG	TAG	0	0	
mORF_+_1104759	1104759	1104764	+	3	6	ATG	TGA	0	0	
mORF_+_1104809	1104809	1104850	+	2	42	ATG	TAA	0	0	
mORF_+_1104860	1104860	1104880	+	2	21	ATG	TAG	0	0	
mORF_+_1104902	1104902	1104928	+	2	27	TTG	TAA	0	0	
mORF_+_1104967	1104967	1105074	+	1	108	TTG	TGA	0	0	
mORF_+_1105028	1105028	1105033	+	2	6	GTG	TAA	0	0	
mORF_+_1105043	1105043	1105576	+	2	534	ATG	TGA	9	23	pORF_+_1105043
mORF_+_1105059	1105059	1105100	+	3	42	ATG	TGA	0	0	
mORF_+_1105101	1105101	1105106	+	3	6	TTG	TGA	0	0	
mORF_+_1105107	1105107	1105127	+	3	21	ATG	TAA	0	0	
mORF_+_1105146	1105146	1105196	+	3	51	ATG	TAA	0	0	
mORF_+_1105189	1105189	1105269	+	1	81	TTG	TAA	0	0	
mORF_+_1105233	1105233	1105277	+	3	45	ATG	TAG	0	0	
mORF_+_1105302	1105302	1105457	+	3	156	GTG	TAA	0	0	
mORF_+_1105509	1105509	1106999	+	3	1491	TTG	TAA	1	2	pORF_+_1105509
mORF_+_1105573	1105573	1105776	+	1	204	ATG	TAG	0	0	
mORF_+_1105610	1105610	1105840	+	2	231	GTG	TGA	0	0	
mORF_+_1105789	1105789	1105998	+	1	210	GTG	TGA	0	0	

mORF+_1106020	1106020	1106070	+	1	51	TTG	TAG	0	0	
mORF+_1106071	1106071	1106085	+	1	15	ATG	TAG	0	0	
mORF+_1106104	1106104	1106232	+	1	129	TTG	TGA	0	0	
mORF+_1106132	1106132	1106182	+	2	51	TTG	TGA	0	0	
mORF+_1106284	1106284	1106328	+	1	45	TTG	TAA	0	0	
mORF+_1106329	1106329	1106487	+	1	159	GTG	TGA	0	0	
mORF+_1106503	1106503	1106514	+	1	12	TTG	TAA	0	0	
mORF+_1106524	1106524	1106658	+	1	135	TTG	TAA	0	0	
mORF+_1106683	1106683	1106781	+	1	99	ATG	TGA	0	0	
mORF+_1106809	1106809	1107075	+	1	267	TTG	TAA	0	0	
mORF+_1106867	1106867	1106890	+	2	24	GTG	TGA	0	0	
mORF+_1106987	1106987	1107010	+	2	24	ATG	TAA	0	0	
mORF+_1107000	1107000	1107041	+	3	42	ATG	TAA	0	0	
mORF+_1107080	1107080	1107091	+	2	12	ATG	TGA	0	0	
mORF+_1107088	1107088	1107201	+	1	114	ATG	TAA	0	0	
mORF+_1107155	1107155	1107211	+	2	57	TTG	TGA	0	0	
mORF+_1107171	1107171	1107176	+	3	6	GTG	TAA	0	0	
mORF+_1107180	1107180	1107224	+	3	45	ATG	TAA	0	0	
mORF+_1107205	1107205	1107261	+	1	57	GTG	TGA	0	0	
mORF+_1107231	1107231	1107239	+	3	9	ATG	TAA	0	0	
mORF+_1107280	1107280	1107390	+	1	111	GTG	TAA	0	0	
mORF+_1107326	1107326	1107376	+	2	51	ATG	TAG	0	0	
mORF+_1107383	1107383	1107394	+	2	12	TTG	TAA	0	0	
mORF+_1107408	1107408	1107446	+	3	39	ATG	TAA	0	0	
mORF+_1107440	1107440	1107463	+	2	24	GTG	TGA	0	0	
mORF+_1107460	1107460	1107615	+	1	156	ATG	TAA	0	0	
mORF+_1107470	1107470	1107508	+	2	39	ATG	TAA	0	0	
mORF+_1107480	1107480	1107494	+	3	15	GTG	TAA	0	0	
mORF+_1107521	1107521	1107598	+	2	78	ATG	TAA	0	0	
mORF+_1107602	1107602	1107934	+	2	333	ATG	TAG	0	0	
mORF+_1107748	1107748	1107753	+	1	6	GTG	TGA	0	0	
mORF+_1107750	1107750	1107827	+	3	78	GTG	TGA	0	0	
mORF+_1107832	1107832	1107855	+	1	24	TTG	TAA	0	0	
mORF+_1107855	1107855	1107971	+	3	117	ATG	TAA	0	0	
mORF+_1107947	1107947	1107952	+	2	6	ATG	TAG	0	0	
mORF+_1107986	1107986	1108072	+	2	87	ATG	TAG	0	0	
mORF+_1107997	1107997	1108032	+	1	36	GTG	TGA	0	0	
mORF+_1108029	1108029	1108178	+	3	150	ATG	TAA	0	0	
mORF+_1108051	1108051	1108077	+	1	27	ATG	TAA	0	0	
mORF+_1108084	1108084	1108101	+	1	18	ATG	TAA	0	0	
mORF+_1108121	1108121	1108174	+	2	54	ATG	TAA	0	0	
mORF+_1108144	1108144	1108248	+	1	105	TTG	TGA	0	0	
mORF+_1108211	1108211	1108234	+	2	24	ATG	TAG	0	0	
mORF+_1108278	1108278	1108340	+	3	63	ATG	TAA	0	0	
mORF+_1108309	1108309	1108446	+	1	138	ATG	TGA	0	0	
mORF+_1108343	1108343	1108384	+	2	42	TTG	TAG	0	0	
mORF+_1108409	1108409	1108426	+	2	18	TTG	TAA	0	0	
mORF+_1108419	1108419	1108433	+	3	15	GTG	TGA	0	0	
mORF+_1108430	1108430	1108495	+	2	66	ATG	TAG	0	0	
mORF+_1108440	1108440	1108490	+	3	51	GTG	TAA	0	0	
mORF+_1108527	1108527	1108550	+	3	24	GTG	TAA	0	0	
mORF+_1108540	1108540	1110093	+	1	1554	ATG	TAA	82	558	pORF+_1108540
mORF+_1108572	1108572	1108634	+	3	63	TTG	TGA	0	0	
mORF+_1108580	1108580	1108591	+	2	12	GTG	TAA	0	0	
mORF+_1108631	1108631	1108663	+	2	33	TTG	TAG	0	0	
mORF+_1108754	1108754	1108780	+	2	27	ATG	TGA	0	0	
mORF+_1108844	1108844	1108852	+	2	9	ATG	TGA	0	0	
mORF+_1108907	1108907	1108933	+	2	27	ATG	TAA	0	0	
mORF+_1108940	1108940	1109035	+	2	96	TTG	TGA	0	0	
mORF+_1109036	1109036	1109167	+	2	132	TTG	TAA	0	0	
mORF+_1109174	1109174	1109308	+	2	135	ATG	TAA	0	0	
mORF+_1109324	1109324	1109431	+	2	108	TTG	TGA	0	0	
mORF+_1109412	1109412	1109435	+	3	24	ATG	TAA	0	0	

mORF_+_1109486	1109486	1109569	+	2	84	TTG	TGA	0	0	
mORF_+_1109562	1109562	1109591	+	3	30	ATG	TAA	0	0	
mORF_+_1109600	1109600	1109695	+	2	96	TTG	TGA	0	0	
mORF_+_1109723	1109723	1109794	+	2	72	GTG	TGA	0	0	
mORF_+_1109757	1109757	1109822	+	3	66	ATG	TGA	0	0	
mORF_+_1109837	1109837	1109866	+	2	30	TTG	TGA	0	0	
mORF_+_1109909	1109909	1109929	+	2	21	TTG	TAG	0	0	
mORF_+_1109930	1109930	1109980	+	2	51	TTG	TGA	0	0	
mORF_+_1109984	1109984	1109989	+	2	6	GTG	TGA	0	0	
mORF_+_1109999	1109999	1110037	+	2	39	ATG	TGA	0	0	
mORF_+_1110038	1110038	1110055	+	2	18	ATG	TGA	0	0	
mORF_+_1110056	1110056	1112629	+	2	2574	GTG	TAA	20	122	pORF_+_1110056
mORF_+_1110108	1110108	1110239	+	3	132	TTG	TAA	0	0	
mORF_+_1110273	1110273	1110290	+	3	18	TTG	TAA	0	0	
mORF_+_1110364	1110364	1110591	+	1	228	GTG	TAA	0	0	
mORF_+_1110405	1110405	1110443	+	3	39	GTG	TGA	0	0	
mORF_+_1110606	1110606	1110671	+	3	66	TTG	TGA	0	0	
mORF_+_1110619	1110619	1110759	+	1	141	GTG	TAA	0	0	
mORF_+_1110678	1110678	1110725	+	3	48	TTG	TAA	0	0	
mORF_+_1110747	1110747	1110800	+	3	54	TTG	TAA	0	0	
mORF_+_1110855	1110855	1110893	+	3	39	GTG	TAA	0	0	
mORF_+_1110880	1110880	1110921	+	1	42	GTG	TGA	0	0	
mORF_+_1110906	1110906	1111049	+	3	144	ATG	TGA	0	0	
mORF_+_1111071	1111071	1111136	+	3	66	ATG	TAA	0	0	
mORF_+_1111143	1111143	1111172	+	3	30	GTG	TGA	0	0	
mORF_+_1111147	1111147	1111338	+	1	192	TTG	TAA	0	0	
mORF_+_1111239	1111239	1111355	+	3	117	ATG	TGA	0	0	
mORF_+_1111407	1111407	1111451	+	3	45	TTG	TGA	0	0	
mORF_+_1111458	1111458	1111538	+	3	81	GTG	TAA	0	0	
mORF_+_1111465	1111465	1111506	+	1	42	TTG	TGA	0	0	
mORF_+_1111542	1111542	1111571	+	3	30	GTG	TGA	0	0	
mORF_+_1111552	1111552	1111566	+	1	15	ATG	TAA	0	0	
mORF_+_1111617	1111617	1111631	+	3	15	GTG	TGA	0	0	
mORF_+_1111663	1111663	1111779	+	1	117	GTG	TGA	0	0	
mORF_+_1111707	1111707	1111715	+	3	9	ATG	TGA	0	0	
mORF_+_1111788	1111788	1111838	+	3	51	TTG	TGA	0	0	
mORF_+_1111855	1111855	1112022	+	1	168	GTG	TGA	0	0	
mORF_+_1111971	1111971	1112081	+	3	111	TTG	TAG	0	0	
mORF_+_1112089	1112089	1112274	+	1	186	GTG	TGA	1	3	pORF_+_1112089
mORF_+_1112097	1112097	1112159	+	3	63	TTG	TGA	0	0	
mORF_+_1112172	1112172	1112183	+	3	12	TTG	TGA	0	0	
mORF_+_1112193	1112193	1112237	+	3	45	GTG	TGA	0	0	
mORF_+_1112271	1112271	1112297	+	3	27	TTG	TGA	0	0	
mORF_+_1112313	1112313	1112444	+	3	132	TTG	TGA	0	0	
mORF_+_1112526	1112526	1112564	+	3	39	GTG	TGA	0	0	
mORF_+_1112557	1112557	1112607	+	1	51	ATG	TAA	0	0	
mORF_+_1112613	1112613	1112645	+	3	33	ATG	TGA	0	0	
mORF_+_1112638	1112638	1112811	+	1	174	TTG	TAA	0	0	
mORF_+_1112645	1112645	1112689	+	2	45	ATG	TGA	0	0	
mORF_+_1112702	1112702	1112716	+	2	15	TTG	TAA	0	0	
mORF_+_1112802	1112802	1113029	+	3	228	ATG	TGA	0	0	
mORF_+_1112812	1112812	1112820	+	1	9	TTG	TGA	0	0	
mORF_+_1112842	1112842	1113033	+	1	192	GTG	TAA	0	0	
mORF_+_1112915	1112915	1112929	+	2	15	ATG	TGA	0	0	
mORF_+_1113026	1113026	1113205	+	2	180	GTG	TAA	0	0	
mORF_+_1113117	1113117	1113122	+	3	6	ATG	TAA	0	0	
mORF_+_1113186	1113186	1113215	+	3	30	TTG	TAA	0	0	
mORF_+_1113255	1113255	1113449	+	3	195	TTG	TAG	0	0	
mORF_+_1113262	1113262	1113426	+	1	165	ATG	TGA	0	0	
mORF_+_1113362	1113362	1113421	+	2	60	GTG	TGA	0	0	
mORF_+_1113464	1113464	1113475	+	2	12	TTG	TGA	0	0	
mORF_+_1113472	1113472	1113522	+	1	51	ATG	TAG	0	0	
mORF_+_1113531	1113531	1113548	+	3	18	ATG	TGA	0	0	

mORF_+_1113545	1113545	1113595	+	2	51	TTG	TAG	0	0	
mORF_+_1113621	1113621	1113632	+	3	12	ATG	TAA	0	0	
mORF_+_1113635	1113635	1113664	+	2	30	TTG	TAG	0	0	
mORF_+_1113655	1113655	1113732	+	1	78	TTG	TAG	0	0	
mORF_+_1113689	1113689	1113703	+	2	15	TTG	TAA	0	0	
mORF_+_1113711	1113711	1113839	+	3	129	GTG	TAA	0	0	
mORF_+_1113775	1113775	1113897	+	1	123	TTG	TAG	0	0	
mORF_+_1113875	1113875	1114210	+	2	336	TTG	TAG	0	0	
mORF_+_1113885	1113885	1113938	+	3	54	GTG	TGA	0	0	
mORF_+_1114002	1114002	1114025	+	3	24	TTG	TGA	0	0	
mORF_+_1114071	1114071	1114115	+	3	45	GTG	TGA	0	0	
mORF_+_1114093	1114093	1114203	+	1	111	GTG	TAA	0	0	
mORF_+_1114236	1114236	1114259	+	3	24	TTG	TAA	0	0	
mORF_+_1114268	1114268	1114570	+	2	303	GTG	TGA	0	0	
mORF_+_1114312	1114312	1114359	+	1	48	TTG	TAA	0	0	
mORF_+_1114314	1114314	1114325	+	3	12	GTG	TAA	0	0	
mORF_+_1114399	1114399	1114452	+	1	54	TTG	TAA	0	0	
mORF_+_1114401	1114401	1114460	+	3	60	GTG	TGA	0	0	
mORF_+_1114500	1114500	1114529	+	3	30	GTG	TAA	0	0	
mORF_+_1114567	1114567	1114605	+	1	39	GTG	TAA	0	0	
mORF_+_1114691	1114691	1114765	+	2	75	GTG	TAA	0	0	
mORF_+_1114707	1114707	1114715	+	3	9	GTG	TAG	0	0	
mORF_+_1114726	1114726	1114746	+	1	21	TTG	TGA	0	0	
mORF_+_1114743	1114743	1114847	+	3	105	GTG	TAA	0	0	
mORF_+_1114777	1114777	1114824	+	1	48	ATG	TAA	0	0	
mORF_+_1114841	1114841	1114888	+	2	48	GTG	TAA	0	0	
mORF_+_1114854	1114854	1114865	+	3	12	ATG	TGA	0	0	
mORF_+_1114876	1114876	1114896	+	1	21	ATG	TGA	0	0	
mORF_+_1114893	1114893	1114922	+	3	30	GTG	TAA	0	0	
mORF_+_1114930	1114930	1114935	+	1	6	GTG	TAA	0	0	
mORF_+_1114953	1114953	1114964	+	3	12	GTG	TGA	0	0	
mORF_+_1114961	1114961	1115056	+	2	96	ATG	TGA	0	0	
mORF_+_1115019	1115019	1115048	+	3	30	GTG	TAA	0	0	
mORF_+_1115053	1115053	1115187	+	1	135	TTG	TGA	0	0	
mORF_+_1115063	1115063	1115200	+	2	138	TTG	TAA	0	0	
mORF_+_1115082	1115082	1115249	+	3	168	GTG	TAA	0	0	
mORF_+_1115203	1115203	1115262	+	1	60	ATG	TAA	0	0	
mORF_+_1115252	1115252	1115350	+	2	99	ATG	TAA	0	0	
mORF_+_1115289	1115289	1115654	+	3	366	TTG	TAA	0	0	
mORF_+_1115311	1115311	1115316	+	1	6	TTG	TAG	0	0	
mORF_+_1115410	1115410	1115424	+	1	15	ATG	TAA	0	0	
mORF_+_1115414	1115414	1115695	+	2	282	ATG	TAG	0	0	
mORF_+_1115440	1115440	1115661	+	1	222	TTG	TAA	0	0	
mORF_+_1115713	1115713	1115724	+	1	12	TTG	TAA	0	0	
mORF_+_1115767	1115767	1115796	+	1	30	ATG	TAG	0	0	
mORF_+_1115775	1115775	1115885	+	3	111	GTG	TGA	0	0	
mORF_+_1115780	1115780	1115917	+	2	138	GTG	TAA	0	0	
mORF_+_1115878	1115878	1115913	+	1	36	GTG	TAA	0	0	
mORF_+_1115931	1115931	1115975	+	3	45	ATG	TAA	0	0	
mORF_+_1115939	1115939	1115944	+	2	6	ATG	TAG	0	0	
mORF_+_1115951	1115951	1115965	+	2	15	ATG	TAA	0	0	
mORF_+_1115953	1115953	1116069	+	1	117	GTG	TAA	0	0	
mORF_+_1115976	1115976	1117082	+	3	1107	TTG	TAA	2	5	pORF_+_1115976
mORF_+_1116154	1116154	1116186	+	1	33	GTG	TGA	0	0	
mORF_+_1116187	1116187	1116300	+	1	114	ATG	TAG	0	0	
mORF_+_1116328	1116328	1116363	+	1	36	ATG	TGA	0	0	
mORF_+_1116379	1116379	1116453	+	1	75	TTG	TGA	0	0	
mORF_+_1116463	1116463	1116591	+	1	129	TTG	TGA	0	0	
mORF_+_1116644	1116644	1116649	+	2	6	TTG	TGA	0	0	
mORF_+_1116646	1116646	1116669	+	1	24	GTG	TGA	0	0	
mORF_+_1116715	1116715	1117047	+	1	333	TTG	TGA	0	0	
mORF_+_1116827	1116827	1116871	+	2	45	TTG	TAA	0	0	
mORF_+_1116902	1116902	1116940	+	2	39	GTG	TAG	0	0	

mORF+_1116947	1116947	1117006	+	2	60	TTG	TGA	0	0
mORF+_1117058	1117058	1117069	+	2	12	GTG	TGA	0	0
mORF+_1117089	1117089	1117172	+	3	84	TTG	TGA	0	0
mORF+_1117096	1117096	1117155	+	1	60	ATG	TAA	0	0
mORF+_1117100	1117100	1117150	+	2	51	GTG	TGA	0	0
mORF+_1117194	1117194	1117274	+	3	81	TTG	TGA	0	0
mORF+_1117258	1117258	1117299	+	1	42	ATG	TGA	0	0
mORF+_1117296	1117296	1117451	+	3	156	GTG	TGA	0	0
mORF+_1117381	1117381	1117410	+	1	30	ATG	TGA	0	0
mORF+_1117430	1117430	1117558	+	2	129	ATG	TAA	0	0
mORF+_1117467	1117467	1117568	+	3	102	GTG	TAG	0	0
mORF+_1117477	1117477	1117524	+	1	48	TTG	TAA	0	0
mORF+_1117574	1117574	1117645	+	2	72	GTG	TGA	0	0
mORF+_1117581	1117581	1117607	+	3	27	ATG	TGA	0	0
mORF+_1117614	1117614	1117628	+	3	15	TTG	TAA	0	0
mORF+_1117720	1117720	1117767	+	1	48	ATG	TGA	0	0
mORF+_1117737	1117737	1117772	+	3	36	ATG	TGA	0	0
mORF+_1117769	1117769	1117936	+	2	168	ATG	TGA	0	0
mORF+_1117861	1117861	1117914	+	1	54	GTG	TGA	0	0
mORF+_1117933	1117933	1117953	+	1	21	TTG	TGA	0	0
mORF+_1117953	1117953	1118027	+	3	75	ATG	TAA	0	0
mORF+_1117981	1117981	1118058	+	1	78	ATG	TGA	0	0
mORF+_1117988	1117988	1118095	+	2	108	ATG	TAA	0	0
mORF+_1118055	1118055	1118135	+	3	81	ATG	TGA	0	0
mORF+_1118114	1118114	1118179	+	2	66	ATG	TAA	0	0
mORF+_1118125	1118125	1118157	+	1	33	GTG	TGA	0	0
mORF+_1118160	1118160	1118195	+	3	36	GTG	TAG	0	0
mORF+_1118203	1118203	1118235	+	1	33	TTG	TAA	0	0
mORF+_1118216	1118216	1118266	+	2	51	ATG	TGA	0	0
mORF+_1118257	1118257	1118262	+	1	6	TTG	TGA	0	0
mORF+_1118259	1118259	1118405	+	3	147	GTG	TAA	0	0
mORF+_1118263	1118263	1118271	+	1	9	ATG	TAA	0	0
mORF+_1118272	1118272	1118349	+	1	78	GTG	TGA	0	0
mORF+_1118350	1118350	1118385	+	1	36	ATG	TAA	0	0
mORF+_1118411	1118411	1118533	+	2	123	GTG	TAA	0	0
mORF+_1118436	1118436	1118483	+	3	48	GTG	TAA	0	0
mORF+_1118440	1118440	1118448	+	1	9	GTG	TAG	0	0
mORF+_1118484	1118484	1118561	+	3	78	ATG	TAA	0	0
mORF+_1118562	1118562	1118618	+	3	57	TTG	TGA	0	0
mORF+_1118599	1118599	1118646	+	1	48	ATG	TAA	0	0
mORF+_1118615	1118615	1118626	+	2	12	TTG	TAG	0	0
mORF+_1118684	1118684	1118713	+	2	30	ATG	TGA	0	0
mORF+_1118694	1118694	1118774	+	3	81	TTG	TAA	0	0
mORF+_1118714	1118714	1118791	+	2	78	ATG	TAA	0	0
mORF+_1118740	1118740	1118883	+	1	144	TTG	TAG	0	0
mORF+_1118796	1118796	1118843	+	3	48	GTG	TAG	0	0
mORF+_1118822	1118822	1118854	+	2	33	GTG	TAA	0	0
mORF+_1118884	1118884	1119066	+	1	183	GTG	TAA	0	0
mORF+_1119000	1119000	1119398	+	3	399	ATG	TAA	0	0
mORF+_1119079	1119079	1119126	+	1	48	TTG	TAG	0	0
mORF+_1119157	1119157	1119237	+	1	81	TTG	TGA	0	0
mORF+_1119203	1119203	1119262	+	2	60	ATG	TAG	0	0
mORF+_1119287	1119287	1119295	+	2	9	TTG	TGA	0	0
mORF+_1119292	1119292	1119408	+	1	117	GTG	TAG	0	0
mORF+_1119409	1119409	1119651	+	1	243	TTG	TAA	0	0
mORF+_1119450	1119450	1119665	+	3	216	TTG	TAA	0	0
mORF+_1119515	1119515	1119541	+	2	27	ATG	TAA	0	0
mORF+_1119678	1119678	1119725	+	3	48	GTG	TAG	0	0
mORF+_1119701	1119701	1119790	+	2	90	GTG	TAA	0	0
mORF+_1119790	1119790	1119849	+	1	60	ATG	TAA	0	0
mORF+_1119828	1119828	1119836	+	3	9	ATG	TAA	0	0
mORF+_1119854	1119854	1120000	+	2	147	ATG	TAA	0	0
mORF+_1119895	1119895	1119927	+	1	33	GTG	TAA	0	0

mORF_+_1119906	1119906	1119989	+	3	84	GTG	TAA	0	0
mORF_+_1119970	1119970	1120038	+	1	69	TTG	TGA	0	0
mORF_+_1120002	1120002	1120025	+	3	24	TTG	TAA	0	0
mORF_+_1120070	1120070	1120126	+	2	57	TTG	TGA	0	0
mORF_+_1120083	1120083	1120262	+	3	180	GTG	TAA	0	0
mORF_+_1120120	1120120	1120149	+	1	30	GTG	TGA	0	0
mORF_+_1120156	1120156	1120191	+	1	36	ATG	TAA	0	0
mORF_+_1120195	1120195	1120266	+	1	72	GTG	TAA	0	0
mORF_+_1120325	1120325	1120393	+	2	69	ATG	TAG	0	0
mORF_+_1120342	1120342	1120362	+	1	21	ATG	TAG	0	0
mORF_+_1120369	1120369	1120383	+	1	15	GTG	TGA	0	0
mORF_+_1120380	1120380	1120421	+	3	42	TTG	TAA	0	0
mORF_+_1120399	1120399	1120563	+	1	165	TTG	TAA	0	0
mORF_+_1120523	1120523	1120582	+	2	60	ATG	TAA	0	0
mORF_+_1120542	1120542	1120556	+	3	15	TTG	TAA	0	0
mORF_+_1120594	1120594	1120761	+	1	168	GTG	TAA	0	0
mORF_+_1120674	1120674	1120697	+	3	24	ATG	TGA	0	0
mORF_+_1120691	1120691	1120726	+	2	36	ATG	TGA	0	0
mORF_+_1120761	1120761	1120922	+	3	162	ATG	TAG	0	0
mORF_+_1120787	1120787	1121164	+	2	378	TTG	TAG	0	0
mORF_+_1120825	1120825	1120896	+	1	72	ATG	TGA	0	0
mORF_+_1120897	1120897	1120908	+	1	12	ATG	TGA	0	0
mORF_+_1120948	1120948	1120992	+	1	45	ATG	TAG	0	0
mORF_+_1121011	1121011	1121022	+	1	12	TTG	TGA	0	0
mORF_+_1121019	1121019	1121060	+	3	42	TTG	TGA	0	0
mORF_+_1121062	1121062	1121103	+	1	42	GTG	TAA	0	0
mORF_+_1121128	1121128	1121154	+	1	27	ATG	TGA	0	0
mORF_+_1121151	1121151	1121273	+	3	123	TTG	TAG	0	0
mORF_+_1121174	1121174	1121422	+	2	249	GTG	TAG	0	0
mORF_+_1121286	1121286	1121519	+	3	234	TTG	TAA	0	0
mORF_+_1121398	1121398	1121463	+	1	66	GTG	TGA	0	0
mORF_+_1121464	1121464	1121499	+	1	36	TTG	TAG	0	0
mORF_+_1121486	1121486	1121590	+	2	105	GTG	TAA	0	0
mORF_+_1121503	1121503	1121535	+	1	33	TTG	TGA	0	0
mORF_+_1121532	1121532	1121594	+	3	63	GTG	TAA	0	0
mORF_+_1121605	1121605	1121613	+	1	9	ATG	TGA	0	0
mORF_+_1121610	1121610	1121723	+	3	114	GTG	TAA	0	0
mORF_+_1121618	1121618	1121755	+	2	138	GTG	TAA	0	0
mORF_+_1121737	1121737	1121946	+	1	210	ATG	TAA	0	0
mORF_+_1121757	1121757	1121777	+	3	21	ATG	TGA	0	0
mORF_+_1121774	1121774	1121809	+	2	36	GTG	TAA	0	0
mORF_+_1121856	1121856	1121912	+	3	57	ATG	TAA	0	0
mORF_+_1121922	1121922	1121939	+	3	18	ATG	TAA	0	0
mORF_+_1121947	1121947	1121955	+	1	9	ATG	TGA	0	0
mORF_+_1121952	1121952	1122041	+	3	90	ATG	TAA	0	0
mORF_+_1122004	1122004	1122057	+	1	54	TTG	TAA	0	0
mORF_+_1122047	1122047	1122070	+	2	24	TTG	TAA	0	0
mORF_+_1122063	1122063	1122086	+	3	24	TTG	TAG	0	0
mORF_+_1122070	1122070	1122279	+	1	210	ATG	TAA	0	0
mORF_+_1122098	1122098	1122274	+	2	177	TTG	TAG	0	0
mORF_+_1122216	1122216	1122230	+	3	15	ATG	TGA	0	0
mORF_+_1122249	1122249	1122437	+	3	189	ATG	TGA	0	0
mORF_+_1122305	1122305	1122355	+	2	51	TTG	TAA	0	0
mORF_+_1122319	1122319	1122402	+	1	84	TTG	TAA	0	0
mORF_+_1122380	1122380	1122484	+	2	105	ATG	TAA	0	0
mORF_+_1122469	1122469	1122501	+	1	33	ATG	TAG	0	0
mORF_+_1122489	1122489	1122533	+	3	45	TTG	TGA	0	0
mORF_+_1122545	1122545	1122562	+	2	18	ATG	TAA	0	0
mORF_+_1122547	1122547	1122633	+	1	87	GTG	TAA	0	0
mORF_+_1122641	1122641	1122658	+	2	18	TTG	TGA	0	0
mORF_+_1122655	1122655	1122690	+	1	36	TTG	TAA	0	0
mORF_+_1122660	1122660	1122746	+	3	87	TTG	TAG	0	0
mORF_+_1122662	1122662	1122715	+	2	54	GTG	TAA	0	0

mORF_+_1122799	1122799	1122993	+	1	195	TTG	TAG	0	0	
mORF_+_1122861	1122861	1123049	+	3	189	GTG	TAA	0	0	
mORF_+_1122950	1122950	1123000	+	2	51	ATG	TGA	0	0	
mORF_+_1122997	1122997	1123077	+	1	81	TTG	TAG	0	0	
mORF_+_1123077	1123077	1123196	+	3	120	GTG	TAA	0	0	
mORF_+_1123084	1123084	1123107	+	1	24	ATG	TAG	0	0	
mORF_+_1123129	1123129	1123146	+	1	18	ATG	TGA	0	0	
mORF_+_1123159	1123159	1123248	+	1	90	GTG	TAA	0	0	
mORF_+_1123163	1123163	1123183	+	2	21	GTG	TGA	0	0	
mORF_+_1123254	1123254	1123271	+	3	18	GTG	TAG	0	0	
mORF_+_1123264	1123264	1123281	+	1	18	ATG	TGA	0	0	
mORF_+_1123278	1123278	1123589	+	3	312	GTG	TAA	0	0	
mORF_+_1123291	1123291	1123317	+	1	27	TTG	TGA	0	0	
mORF_+_1123411	1123411	1123503	+	1	93	GTG	TAA	0	0	
mORF_+_1123565	1123565	1123615	+	2	51	TTG	TGA	0	0	
mORF_+_1123612	1123612	1123629	+	1	18	ATG	TAA	0	0	
mORF_+_1123645	1123645	1123770	+	1	126	GTG	TAG	0	0	
mORF_+_1123653	1123653	1123694	+	3	42	TTG	TAA	0	0	
mORF_+_1123694	1123694	1123765	+	2	72	ATG	TAG	0	0	
mORF_+_1123725	1123725	1123781	+	3	57	GTG	TAA	0	0	
mORF_+_1123798	1123798	1123890	+	1	93	ATG	TAG	0	0	
mORF_+_1123853	1123853	1123918	+	2	66	TTG	TGA	0	0	
mORF_+_1123872	1123872	1123997	+	3	126	TTG	TAA	0	0	
mORF_+_1123915	1123915	1124376	+	1	462	GTG	TGA	0	0	
mORF_+_1123988	1123988	1124011	+	2	24	ATG	TGA	0	0	
mORF_+_1124070	1124070	1124171	+	3	102	TTG	TAA	0	0	
mORF_+_1124093	1124093	1124104	+	2	12	ATG	TGA	0	0	
mORF_+_1124159	1124159	1124311	+	2	153	GTG	TAA	0	0	
mORF_+_1124259	1124259	1124390	+	3	132	GTG	TAG	0	0	
mORF_+_1124345	1124345	1124380	+	2	36	TTG	TAA	0	0	
mORF_+_1124410	1124410	1124433	+	1	24	ATG	TGA	0	0	
mORF_+_1124430	1124430	1124684	+	3	255	TTG	TAA	0	0	
mORF_+_1124500	1124500	1124568	+	1	69	ATG	TAA	0	0	
mORF_+_1124572	1124572	1124655	+	1	84	ATG	TGA	0	0	
mORF_+_1124675	1124675	1124680	+	2	6	ATG	TGA	0	0	
mORF_+_1124677	1124677	1124736	+	1	60	GTG	TAG	0	0	
mORF_+_1124684	1124684	1124824	+	2	141	ATG	TAA	0	0	
mORF_+_1124785	1124785	1125369	+	1	585	ATG	TAA	3	6	pORF_+_1124785
mORF_+_1124855	1124855	1124980	+	2	126	ATG	TGA	0	0	
mORF_+_1125017	1125017	1125160	+	2	144	TTG	TGA	0	0	
mORF_+_1125126	1125126	1125152	+	3	27	ATG	TGA	0	0	
mORF_+_1125242	1125242	1125301	+	2	60	GTG	TGA	0	0	
mORF_+_1125302	1125302	1125331	+	2	30	TTG	TGA	0	0	
mORF_+_1125312	1125312	1125383	+	3	72	ATG	TGA	0	0	
mORF_+_1125380	1125380	1126027	+	2	648	ATG	TAA	31	341	pORF_+_1125380
mORF_+_1125402	1125402	1125416	+	3	15	TTG	TGA	0	0	
mORF_+_1125417	1125417	1125443	+	3	27	TTG	TGA	0	0	
mORF_+_1125421	1125421	1125495	+	1	75	TTG	TAA	0	0	
mORF_+_1125474	1125474	1125482	+	3	9	ATG	TAG	0	0	
mORF_+_1125510	1125510	1125524	+	3	15	GTG	TGA	0	0	
mORF_+_1125531	1125531	1125593	+	3	63	GTG	TGA	0	0	
mORF_+_1125600	1125600	1125659	+	3	60	TTG	TGA	0	0	
mORF_+_1125634	1125634	1125639	+	1	6	TTG	TAA	0	0	
mORF_+_1125705	1125705	1125911	+	3	207	GTG	TGA	0	0	
mORF_+_1125930	1125930	1125986	+	3	57	TTG	TGA	0	0	
mORF_+_1125996	1125996	1126952	+	3	957	TTG	TAA	5	27	pORF_+_1125996
mORF_+_1126063	1126063	1126374	+	1	312	GTG	TGA	0	0	
mORF_+_1126082	1126082	1126111	+	2	30	GTG	TGA	0	0	
mORF_+_1126163	1126163	1126168	+	2	6	TTG	TGA	0	0	
mORF_+_1126217	1126217	1126261	+	2	45	TTG	TGA	0	0	
mORF_+_1126417	1126417	1126425	+	1	9	GTG	TAA	0	0	
mORF_+_1126516	1126516	1126593	+	1	78	ATG	TGA	0	0	
mORF_+_1126547	1126547	1126597	+	2	51	GTG	TAA	0	0	

mORF_+_1126618	1126618	1126710	+	1	93	TTG	TGA	0	0	
mORF_+_1126717	1126717	1126776	+	1	60	GTG	TAG	0	0	
mORF_+_1126748	1126748	1126756	+	2	9	ATG	TGA	0	0	
mORF_+_1126796	1126796	1126813	+	2	18	TTG	TGA	0	0	
mORF_+_1126810	1126810	1126944	+	1	135	TTG	TGA	0	0	
mORF_+_1126853	1126853	1126921	+	2	69	ATG	TGA	0	0	
mORF_+_1126945	1126945	1126974	+	1	30	GTG	TAG	0	0	
mORF_+_1127023	1127023	1128597	+	1	1575	TTG	TAA	1	2	pORF_+_1127023
mORF_+_1127034	1127034	1127054	+	3	21	TTG	TAG	0	0	
mORF_+_1127114	1127114	1127335	+	2	222	GTG	TGA	0	0	
mORF_+_1127339	1127339	1127356	+	2	18	TTG	TGA	0	0	
mORF_+_1127382	1127382	1127417	+	3	36	GTG	TGA	0	0	
mORF_+_1127432	1127432	1127440	+	2	9	TTG	TGA	0	0	
mORF_+_1127520	1127520	1127564	+	3	45	GTG	TAA	0	0	
mORF_+_1127546	1127546	1127575	+	2	30	TTG	TGA	0	0	
mORF_+_1127576	1127576	1127686	+	2	111	TTG	TGA	0	0	
mORF_+_1127631	1127631	1127720	+	3	90	GTG	TAA	0	0	
mORF_+_1127729	1127729	1127752	+	2	24	ATG	TGA	0	0	
mORF_+_1127774	1127774	1127788	+	2	15	TTG	TGA	0	0	
mORF_+_1127819	1127819	1127875	+	2	57	TTG	TAA	0	0	
mORF_+_1127850	1127850	1127963	+	3	114	TTG	TGA	0	0	
mORF_+_1127891	1127891	1127980	+	2	90	GTG	TGA	0	0	
mORF_+_1128000	1128000	1128083	+	3	84	TTG	TAA	0	0	
mORF_+_1128023	1128023	1128058	+	2	36	GTG	TGA	0	0	
mORF_+_1128095	1128095	1128106	+	2	12	TTG	TGA	0	0	
mORF_+_1128125	1128125	1128145	+	2	21	TTG	TGA	0	0	
mORF_+_1128146	1128146	1128154	+	2	9	TTG	TGA	0	0	
mORF_+_1128155	1128155	1128160	+	2	6	TTG	TAG	0	0	
mORF_+_1128218	1128218	1128235	+	2	18	TTG	TGA	0	0	
mORF_+_1128266	1128266	1128277	+	2	12	TTG	TGA	0	0	
mORF_+_1128281	1128281	1128322	+	2	42	ATG	TGA	0	0	
mORF_+_1128315	1128315	1128353	+	3	39	GTG	TAA	0	0	
mORF_+_1128323	1128323	1128424	+	2	102	ATG	TGA	0	0	
mORF_+_1128465	1128465	1128572	+	3	108	GTG	TAA	0	0	
mORF_+_1128527	1128527	1128682	+	2	156	TTG	TGA	0	0	
mORF_+_1128600	1128600	1128818	+	3	219	ATG	TAA	0	0	
mORF_+_1128664	1128664	1128675	+	1	12	ATG	TGA	0	0	
mORF_+_1128712	1128712	1128768	+	1	57	ATG	TAA	0	0	
mORF_+_1128743	1128743	1128784	+	2	42	TTG	TGA	0	0	
mORF_+_1128778	1128778	1128798	+	1	21	ATG	TAG	0	0	
mORF_+_1128799	1128799	1128879	+	1	81	TTG	TAA	0	0	
mORF_+_1128852	1128852	1128929	+	3	78	TTG	TAA	0	0	
mORF_+_1128860	1128860	1128892	+	2	33	TTG	TAA	0	0	
mORF_+_1128919	1128919	1129092	+	1	174	TTG	TGA	0	0	
mORF_+_1128950	1128950	1128985	+	2	36	TTG	TGA	0	0	
mORF_+_1128998	1128998	1129129	+	2	132	TTG	TAG	0	0	
mORF_+_1129047	1129047	1129307	+	3	261	GTG	TGA	0	0	
mORF_+_1129196	1129196	1129225	+	2	30	TTG	TAA	0	0	
mORF_+_1129207	1129207	1129368	+	1	162	TTG	TGA	0	0	
mORF_+_1129304	1129304	1129630	+	2	327	TTG	TAA	0	0	
mORF_+_1129311	1129311	1129415	+	3	105	GTG	TAA	0	0	
mORF_+_1129384	1129384	1129422	+	1	39	GTG	TAA	0	0	
mORF_+_1129491	1129491	1129538	+	3	48	ATG	TGA	0	0	
mORF_+_1129510	1129510	1129557	+	1	48	GTG	TAA	0	0	
mORF_+_1129548	1129548	1129643	+	3	96	TTG	TGA	0	0	
mORF_+_1129609	1129609	1129638	+	1	30	ATG	TAG	0	0	
mORF_+_1129640	1129640	1129651	+	2	12	TTG	TGA	0	0	
mORF_+_1129648	1129648	1129668	+	1	21	GTG	TAA	0	0	
mORF_+_1129668	1129668	1129685	+	3	18	ATG	TGA	0	0	
mORF_+_1129682	1129682	1129828	+	2	147	TTG	TAA	0	0	
mORF_+_1129686	1129686	1129799	+	3	114	TTG	TAA	0	0	
mORF_+_1129708	1129708	1129743	+	1	36	GTG	TGA	0	0	
mORF_+_1129806	1129806	1130135	+	3	330	GTG	TGA	0	0	

mORF_+_1129852	1129852	1129950	+	1	99	GTG	TAG	0	0	
mORF_+_1129982	1129982	1130035	+	2	54	TTG	TAA	0	0	
mORF_+_1130011	1130011	1130016	+	1	6	ATG	TGA	0	0	
mORF_+_1130117	1130117	1130224	+	2	108	TTG	TGA	0	0	
mORF_+_1130164	1130164	1130184	+	1	21	TTG	TAA	0	0	
mORF_+_1130221	1130221	1130436	+	1	216	TTG	TGA	0	0	
mORF_+_1130241	1130241	1130657	+	3	417	ATG	TAA	0	0	
mORF_+_1130524	1130524	1130595	+	1	72	TTG	TGA	0	0	
mORF_+_1130661	1130661	1131065	+	3	405	ATG	TAA	0	0	
mORF_+_1130680	1130680	1130703	+	1	24	TTG	TAA	0	0	
mORF_+_1130749	1130749	1130763	+	1	15	ATG	TGA	0	0	
mORF_+_1130773	1130773	1130847	+	1	75	ATG	TAA	0	0	
mORF_+_1130851	1130851	1130865	+	1	15	TTG	TAG	0	0	
mORF_+_1130893	1130893	1130934	+	1	42	ATG	TAA	0	0	
mORF_+_1130947	1130947	1131027	+	1	81	TTG	TGA	0	0	
mORF_+_1131077	1131077	1131772	+	2	696	ATG	TAA	0	0	
mORF_+_1131084	1131084	1131092	+	3	9	TTG	TAA	0	0	
mORF_+_1131285	1131285	1131362	+	3	78	TTG	TGA	0	0	
mORF_+_1131399	1131399	1131431	+	3	33	TTG	TGA	0	0	
mORF_+_1131447	1131447	1131542	+	3	96	TTG	TGA	0	0	
mORF_+_1131585	1131585	1131620	+	3	36	ATG	TAG	0	0	
mORF_+_1131639	1131639	1131692	+	3	54	GTG	TGA	0	0	
mORF_+_1131797	1131797	1133005	+	2	1209	ATG	TAA	3	11	pORF_+_1131797
mORF_+_1131849	1131849	1131953	+	3	105	ATG	TAA	0	0	
mORF_+_1131957	1131957	1132055	+	3	99	TTG	TAG	0	0	
mORF_+_1132104	1132104	1132124	+	3	21	ATG	TGA	0	0	
mORF_+_1132278	1132278	1132349	+	3	72	GTG	TGA	0	0	
mORF_+_1132371	1132371	1132385	+	3	15	ATG	TGA	0	0	
mORF_+_1132395	1132395	1132400	+	3	6	TTG	TGA	0	0	
mORF_+_1132443	1132443	1132505	+	3	63	GTG	TAG	0	0	
mORF_+_1132509	1132509	1132577	+	3	69	ATG	TGA	0	0	
mORF_+_1132620	1132620	1132664	+	3	45	TTG	TGA	0	0	
mORF_+_1132677	1132677	1132862	+	3	186	ATG	TGA	0	0	
mORF_+_1132869	1132869	1132919	+	3	51	GTG	TGA	0	0	
mORF_+_1132923	1132923	1133012	+	3	90	TTG	TGA	0	0	
mORF_+_1133025	1133025	1133780	+	3	756	ATG	TAA	1	2	pORF_+_1133025
mORF_+_1133107	1133107	1133139	+	1	33	ATG	TGA	0	0	
mORF_+_1133140	1133140	1133223	+	1	84	ATG	TGA	0	0	
mORF_+_1133278	1133278	1133364	+	1	87	ATG	TGA	0	0	
mORF_+_1133404	1133404	1133499	+	1	96	TTG	TAG	0	0	
mORF_+_1133545	1133545	1133568	+	1	24	GTG	TAA	0	0	
mORF_+_1133590	1133590	1133628	+	1	39	GTG	TGA	0	0	
mORF_+_1133659	1133659	1133676	+	1	18	ATG	TGA	0	0	
mORF_+_1133686	1133686	1133718	+	1	33	TTG	TGA	0	0	
mORF_+_1133737	1133737	1133775	+	1	39	ATG	TGA	0	0	
mORF_+_1133781	1133781	1133876	+	3	96	TTG	TAG	0	0	
mORF_+_1133807	1133807	1133989	+	2	183	TTG	TGA	0	0	
mORF_+_1133917	1133917	1133955	+	1	39	ATG	TGA	0	0	
mORF_+_1133952	1133952	1134734	+	3	783	ATG	TAA	0	0	
mORF_+_1133986	1133986	1134267	+	1	282	TTG	TGA	0	0	
mORF_+_1134277	1134277	1134339	+	1	63	ATG	TGA	0	0	
mORF_+_1134346	1134346	1134393	+	1	48	GTG	TAA	0	0	
mORF_+_1134409	1134409	1134429	+	1	21	GTG	TAA	0	0	
mORF_+_1134460	1134460	1134489	+	1	30	TTG	TGA	0	0	
mORF_+_1134490	1134490	1134576	+	1	87	ATG	TGA	0	0	
mORF_+_1134604	1134604	1134651	+	1	48	ATG	TGA	0	0	
mORF_+_1134745	1134745	1134768	+	1	24	GTG	TGA	0	0	
mORF_+_1134772	1134772	1135485	+	1	714	TTG	TAA	4	16	pORF_+_1134772
mORF_+_1134812	1134812	1134844	+	2	33	ATG	TAA	0	0	
mORF_+_1134893	1134893	1135021	+	2	129	GTG	TGA	0	0	
mORF_+_1135070	1135070	1135231	+	2	162	ATG	TGA	0	0	
mORF_+_1135241	1135241	1135411	+	2	171	TTG	TAG	0	0	
mORF_+_1135415	1135415	1135489	+	2	75	ATG	TGA	0	0	

mORF_+_1135486	1135486	1135500	+	1	15	GTG	TGA	0	0	
mORF_+_1135494	1135494	1136594	+	3	1101	GTG	TGA	1	3	pORF_+_1135494
mORF_+_1135576	1135576	1135590	+	1	15	GTG	TAA	0	0	
mORF_+_1135606	1135606	1135740	+	1	135	TTG	TAA	0	0	
mORF_+_1135783	1135783	1135863	+	1	81	TTG	TGA	0	0	
mORF_+_1135882	1135882	1135977	+	1	96	TTG	TGA	0	0	
mORF_+_1135981	1135981	1136145	+	1	165	GTG	TAG	0	0	
mORF_+_1136146	1136146	1136256	+	1	111	ATG	TAG	0	0	
mORF_+_1136362	1136362	1136532	+	1	171	ATG	TGA	0	0	
mORF_+_1136557	1136557	1136817	+	1	261	GTG	TGA	0	0	
mORF_+_1136564	1136564	1137535	+	2	972	ATG	TGA	0	0	
mORF_+_1136622	1136622	1136657	+	3	36	GTG	TAA	0	0	
mORF_+_1136769	1136769	1136840	+	3	72	ATG	TGA	0	0	
mORF_+_1136862	1136862	1136873	+	3	12	TTG	TGA	0	0	
mORF_+_1137018	1137018	1137113	+	3	96	ATG	TGA	0	0	
mORF_+_1137142	1137142	1137189	+	1	48	TTG	TAA	0	0	
mORF_+_1137195	1137195	1137281	+	3	87	TTG	TAA	0	0	
mORF_+_1137333	1137333	1137344	+	3	12	TTG	TAA	0	0	
mORF_+_1137384	1137384	1137464	+	3	81	GTG	TGA	0	0	
mORF_+_1137519	1137519	1137539	+	3	21	TTG	TAA	0	0	
mORF_+_1137578	1137578	1137613	+	2	36	TTG	TGA	0	0	
mORF_+_1137601	1137601	1139244	+	1	1644	ATG	TAA	2	13	pORF_+_1137601
mORF_+_1137692	1137692	1137856	+	2	165	TTG	TGA	0	0	
mORF_+_1137866	1137866	1137964	+	2	99	ATG	TGA	0	0	
mORF_+_1138001	1138001	1138024	+	2	24	TTG	TGA	0	0	
mORF_+_1138088	1138088	1138138	+	2	51	GTG	TGA	0	0	
mORF_+_1138235	1138235	1138246	+	2	12	TTG	TAG	0	0	
mORF_+_1138262	1138262	1138426	+	2	165	ATG	TGA	0	0	
mORF_+_1138493	1138493	1138654	+	2	162	TTG	TAA	0	0	
mORF_+_1138658	1138658	1138753	+	2	96	ATG	TGA	0	0	
mORF_+_1138710	1138710	1138772	+	3	63	GTG	TAA	0	0	
mORF_+_1138760	1138760	1138798	+	2	39	ATG	TGA	0	0	
mORF_+_1138850	1138850	1138879	+	2	30	GTG	TAA	0	0	
mORF_+_1138919	1138919	1139026	+	2	108	ATG	TAG	0	0	
mORF_+_1139030	1139030	1139059	+	2	30	GTG	TGA	0	0	
mORF_+_1139084	1139084	1139092	+	2	9	ATG	TGA	0	0	
mORF_+_1139126	1139126	1139230	+	2	105	GTG	TGA	0	0	
mORF_+_1139256	1139256	1140209	+	3	954	ATG	TAA	1	6	pORF_+_1139256
mORF_+_1139296	1139296	1139328	+	1	33	GTG	TGA	0	0	
mORF_+_1139321	1139321	1139356	+	2	36	ATG	TAA	0	0	
mORF_+_1139386	1139386	1139406	+	1	21	TTG	TAG	0	0	
mORF_+_1139488	1139488	1139562	+	1	75	GTG	TGA	0	0	
mORF_+_1139563	1139563	1139622	+	1	60	GTG	TGA	0	0	
mORF_+_1139662	1139662	1139769	+	1	108	TTG	TGA	0	0	
mORF_+_1139782	1139782	1139820	+	1	39	GTG	TAG	0	0	
mORF_+_1139857	1139857	1139889	+	1	33	TTG	TGA	0	0	
mORF_+_1139980	1139980	1139988	+	1	9	ATG	TGA	0	0	
mORF_+_1140091	1140091	1140309	+	1	219	TTG	TAG	0	0	
mORF_+_1140246	1140246	1140335	+	3	90	TTG	TAA	0	0	
mORF_+_1140299	1140299	1140328	+	2	30	TTG	TGA	0	0	
mORF_+_1140325	1140325	1140354	+	1	30	ATG	TGA	0	0	
mORF_+_1140351	1140351	1140359	+	3	9	ATG	TAA	0	0	
mORF_+_1140384	1140384	1140401	+	3	18	TTG	TAA	0	0	
mORF_+_1140417	1140417	1142099	+	3	1683	TTG	TAA	0	0	
mORF_+_1140449	1140449	1140499	+	2	51	GTG	TAG	0	0	
mORF_+_1140524	1140524	1140574	+	2	51	GTG	TAG	0	0	
mORF_+_1140592	1140592	1140666	+	1	75	GTG	TGA	0	0	
mORF_+_1141049	1141049	1141417	+	2	369	TTG	TGA	1	2	pORF_+_1141049
mORF_+_1141069	1141069	1141134	+	1	66	TTG	TAA	0	0	
mORF_+_1141210	1141210	1141326	+	1	117	ATG	TGA	0	0	
mORF_+_1141414	1141414	1141422	+	1	9	TTG	TGA	0	0	
mORF_+_1141652	1141652	1141846	+	2	195	GTG	TGA	0	0	
mORF_+_1141717	1141717	1141755	+	1	39	GTG	TGA	0	0	

mORF_+_1141762	1141762	1141779	+	1	18	TTG	TGA	0	0	
mORF_+_1141825	1141825	1142094	+	1	270	TTG	TAG	0	0	
mORF_+_1141859	1141859	1142326	+	2	468	GTG	TAG	0	0	
mORF_+_1142136	1142136	1142408	+	3	273	GTG	TGA	0	0	
mORF_+_1142206	1142206	1142244	+	1	39	ATG	TAA	0	0	
mORF_+_1142266	1142266	1142274	+	1	9	ATG	TGA	0	0	
mORF_+_1142284	1142284	1142388	+	1	105	GTG	TGA	0	0	
mORF_+_1142405	1142405	1142464	+	2	60	GTG	TGA	0	0	
mORF_+_1142457	1142457	1142696	+	3	240	ATG	TAA	0	0	
mORF_+_1142542	1142542	1142595	+	1	54	ATG	TGA	0	0	
mORF_+_1142626	1142626	1142787	+	1	162	GTG	TAG	0	0	
mORF_+_1142669	1142669	1142680	+	2	12	GTG	TGA	0	0	
mORF_+_1142771	1142771	1142794	+	2	24	GTG	TGA	0	0	
mORF_+_1142787	1142787	1142852	+	3	66	GTG	TAA	0	0	
mORF_+_1142812	1142812	1142868	+	1	57	GTG	TGA	0	0	
mORF_+_1142852	1142852	1142902	+	2	51	ATG	TAA	0	0	
mORF_+_1142862	1142862	1142927	+	3	66	ATG	TAA	0	0	
mORF_+_1142914	1142914	1142922	+	1	9	ATG	TGA	0	0	
mORF_+_1142939	1142939	1143010	+	2	72	ATG	TGA	0	0	
mORF_+_1142956	1142956	1142967	+	1	12	TTG	TGA	0	0	
mORF_+_1142967	1142967	1143041	+	3	75	ATG	TAA	0	0	
mORF_+_1143007	1143007	1143216	+	1	210	TTG	TAG	0	0	
mORF_+_1143048	1143048	1143140	+	3	93	TTG	TAA	0	0	
mORF_+_1143122	1143122	1143232	+	2	111	TTG	TGA	0	0	
mORF_+_1143238	1143238	1143285	+	1	48	GTG	TGA	0	0	
mORF_+_1143245	1143245	1143292	+	2	48	ATG	TGA	0	0	
mORF_+_1143289	1143289	1143300	+	1	12	ATG	TGA	0	0	
mORF_+_1143322	1143322	1143339	+	1	18	ATG	TGA	0	0	
mORF_+_1143336	1143336	1143383	+	3	48	ATG	TAG	0	0	
mORF_+_1143383	1143383	1143454	+	2	72	GTG	TGA	0	0	
mORF_+_1143396	1143396	1143578	+	3	183	GTG	TAA	0	0	
mORF_+_1143445	1143445	1143468	+	1	24	ATG	TAG	0	0	
mORF_+_1143469	1143469	1143564	+	1	96	ATG	TGA	0	0	
mORF_+_1143473	1143473	1143574	+	2	102	TTG	TGA	0	0	
mORF_+_1143571	1143571	1143618	+	1	48	TTG	TGA	0	0	
mORF_+_1143615	1143615	1143641	+	3	27	TTG	TAA	0	0	
mORF_+_1143653	1143653	1143658	+	2	6	GTG	TGA	0	0	
mORF_+_1143655	1143655	1143678	+	1	24	GTG	TAG	0	0	
mORF_+_1143663	1143663	1143851	+	3	189	ATG	TGA	0	0	
mORF_+_1143671	1143671	1144045	+	2	375	GTG	TGA	0	0	
mORF_+_1143745	1143745	1143819	+	1	75	ATG	TAA	0	0	
mORF_+_1143874	1143874	1143888	+	1	15	TTG	TGA	0	0	
mORF_+_1143885	1143885	1143917	+	3	33	ATG	TAA	0	0	
mORF_+_1143924	1143924	1143932	+	3	9	TTG	TAA	0	0	
mORF_+_1143976	1143976	1143984	+	1	9	TTG	TAG	0	0	
mORF_+_1144036	1144036	1144083	+	1	48	TTG	TGA	0	0	
mORF_+_1144046	1144046	1144054	+	2	9	TTG	TAA	0	0	
mORF_+_1144080	1144080	1144088	+	3	9	GTG	TAA	0	0	
mORF_+_1144093	1144093	1144104	+	1	12	GTG	TAA	0	0	
mORF_+_1144121	1144121	1144147	+	2	27	ATG	TAA	0	0	
mORF_+_1144125	1144125	1144151	+	3	27	GTG	TAG	0	0	
mORF_+_1144163	1144163	1145122	+	2	960	ATG	TAA	24	52	pORF_+_1144163
mORF_+_1144191	1144191	1144253	+	3	63	TTG	TGA	0	0	
mORF_+_1144350	1144350	1144478	+	3	129	GTG	TGA	0	0	
mORF_+_1144503	1144503	1144520	+	3	18	ATG	TAA	0	0	
mORF_+_1144533	1144533	1144622	+	3	90	TTG	TAG	0	0	
mORF_+_1144653	1144653	1144727	+	3	75	ATG	TGA	0	0	
mORF_+_1144711	1144711	1144824	+	1	114	GTG	TAA	0	0	
mORF_+_1144785	1144785	1144790	+	3	6	GTG	TGA	0	0	
mORF_+_1144839	1144839	1144874	+	3	36	ATG	TAA	0	0	
mORF_+_1144861	1144861	1144866	+	1	6	TTG	TAG	0	0	
mORF_+_1144896	1144896	1144994	+	3	99	GTG	TAA	0	0	
mORF_+_1145046	1145046	1145054	+	3	9	GTG	TGA	0	0	

mORF_+_1145076	1145076	1145087	+	3	12	ATG	TGA	0	0	
mORF_+_1145092	1145092	1145112	+	1	21	TTG	TAA	0	0	
mORF_+_1145144	1145144	1145269	+	2	126	ATG	TAA	0	0	
mORF_+_1145152	1145152	1145160	+	1	9	TTG	TGA	0	0	
mORF_+_1145197	1145197	1145214	+	1	18	TTG	TAA	0	0	
mORF_+_1145307	1145307	1145408	+	3	102	GTG	TAA	0	0	
mORF_+_1145381	1145381	1145545	+	2	165	GTG	TAA	0	0	
mORF_+_1145517	1145517	1145633	+	3	117	GTG	TGA	0	0	
mORF_+_1145546	1145546	1145572	+	2	27	TTG	TAA	0	0	
mORF_+_1145630	1145630	1145647	+	2	18	ATG	TGA	0	0	
mORF_+_1145644	1145644	1145808	+	1	165	GTG	TAA	0	0	
mORF_+_1145657	1145657	1145701	+	2	45	TTG	TGA	0	0	
mORF_+_1145756	1145756	1145803	+	2	48	TTG	TAA	0	0	
mORF_+_1145793	1145793	1145888	+	3	96	GTG	TGA	0	0	
mORF_+_1145866	1145866	1145907	+	1	42	ATG	TGA	0	0	
mORF_+_1145885	1145885	1145917	+	2	33	TTG	TAA	0	0	
mORF_+_1145892	1145892	1145990	+	3	99	TTG	TGA	0	0	
mORF_+_1145932	1145932	1145982	+	1	51	ATG	TGA	0	0	
mORF_+_1145936	1145936	1146004	+	2	69	GTG	TAA	0	0	
mORF_+_1146006	1146006	1146029	+	3	24	ATG	TAA	0	0	
mORF_+_1146017	1146017	1146538	+	2	522	ATG	TAA	13	31	pORF_+_1146017
mORF_+_1146075	1146075	1146131	+	3	57	TTG	TAG	0	0	
mORF_+_1146135	1146135	1146200	+	3	66	GTG	TAA	0	0	
mORF_+_1146154	1146154	1146180	+	1	27	ATG	TAA	0	0	
mORF_+_1146207	1146207	1146218	+	3	12	ATG	TGA	0	0	
mORF_+_1146232	1146232	1146288	+	1	57	GTG	TAG	0	0	
mORF_+_1146333	1146333	1146416	+	3	84	ATG	TAG	0	0	
mORF_+_1146426	1146426	1146518	+	3	93	ATG	TAG	0	0	
mORF_+_1146539	1146539	1146577	+	2	39	TTG	TGA	0	0	
mORF_+_1146552	1146552	1146566	+	3	15	TTG	TAA	0	0	
mORF_+_1146574	1146574	1146609	+	1	36	TTG	TAA	0	0	
mORF_+_1146590	1146590	1146763	+	2	174	ATG	TAA	29	1947	pORF_+_1146590
mORF_+_1146627	1146627	1146656	+	3	30	GTG	TGA	0	0	
mORF_+_1146693	1146693	1146779	+	3	87	GTG	TGA	0	0	
mORF_+_1146776	1146776	1146847	+	2	72	GTG	TGA	0	0	
mORF_+_1146789	1146789	1146935	+	3	147	GTG	TAA	0	0	
mORF_+_1146844	1146844	1147914	+	1	1071	TTG	TAG	2	4	pORF_+_1146844
mORF_+_1146869	1146869	1146901	+	2	33	ATG	TGA	0	0	
mORF_+_1146989	1146989	1147126	+	2	138	TTG	TGA	0	0	
mORF_+_1147148	1147148	1147177	+	2	30	GTG	TGA	0	0	
mORF_+_1147217	1147217	1147237	+	2	21	TTG	TGA	0	0	
mORF_+_1147277	1147277	1147285	+	2	9	TTG	TAG	0	0	
mORF_+_1147299	1147299	1147304	+	3	6	TTG	TGA	0	0	
mORF_+_1147301	1147301	1147414	+	2	114	GTG	TAA	0	0	
mORF_+_1147436	1147436	1147507	+	2	72	ATG	TAA	0	0	
mORF_+_1147520	1147520	1147561	+	2	42	ATG	TAA	0	0	
mORF_+_1147530	1147530	1147535	+	3	6	TTG	TGA	0	0	
mORF_+_1147574	1147574	1147603	+	2	30	GTG	TGA	0	0	
mORF_+_1147613	1147613	1147651	+	2	39	GTG	TAA	0	0	
mORF_+_1147632	1147632	1147712	+	3	81	GTG	TAA	0	0	
mORF_+_1147757	1147757	1147960	+	2	204	ATG	TAA	0	0	
mORF_+_1147941	1147941	1148207	+	3	267	TTG	TGA	0	0	
mORF_+_1147982	1147982	1148935	+	2	954	ATG	TAG	41	373	pORF_+_1147982
mORF_+_1148074	1148074	1148151	+	1	78	GTG	TGA	0	0	
mORF_+_1148211	1148211	1148339	+	3	129	TTG	TAA	0	0	
mORF_+_1148254	1148254	1148283	+	1	30	TTG	TAA	0	0	
mORF_+_1148287	1148287	1148301	+	1	15	TTG	TGA	0	0	
mORF_+_1148379	1148379	1148549	+	3	171	ATG	TGA	1	6	pORF_+_1148379
mORF_+_1148625	1148625	1148633	+	3	9	TTG	TAA	0	0	
mORF_+_1148652	1148652	1148783	+	3	132	TTG	TGA	0	0	
mORF_+_1148824	1148824	1148838	+	1	15	GTG	TGA	0	0	
mORF_+_1148835	1148835	1148954	+	3	120	ATG	TGA	0	0	
mORF_+_1148951	1148951	1149880	+	2	930	ATG	TAA	64	1402	pORF_+_1148951

mORF_+_1148961	1148961	1149092	+	3	132	TTG	TGA	0	0	
mORF_+_1149082	1149082	1149111	+	1	30	GTG	TGA	0	0	
mORF_+_1149162	1149162	1149212	+	3	51	TTG	TGA	0	0	
mORF_+_1149178	1149178	1149198	+	1	21	ATG	TAA	0	0	
mORF_+_1149250	1149250	1149267	+	1	18	TTG	TGA	0	0	
mORF_+_1149258	1149258	1149263	+	3	6	GTG	TGA	0	0	
mORF_+_1149264	1149264	1149428	+	3	165	TTG	TAA	0	0	
mORF_+_1149388	1149388	1149393	+	1	6	GTG	TGA	0	0	
mORF_+_1149456	1149456	1149539	+	3	84	TTG	TGA	0	0	
mORF_+_1149555	1149555	1149563	+	3	9	GTG	TGA	0	0	
mORF_+_1149633	1149633	1149638	+	3	6	TTG	TGA	0	0	
mORF_+_1149645	1149645	1149653	+	3	9	TTG	TGA	0	0	
mORF_+_1149655	1149655	1149672	+	1	18	ATG	TGA	0	0	
mORF_+_1149666	1149666	1149758	+	3	93	ATG	TAG	0	0	
mORF_+_1149718	1149718	1149735	+	1	18	GTG	TGA	0	0	
mORF_+_1149768	1149768	1149803	+	3	36	ATG	TGA	0	0	
mORF_+_1149813	1149813	1149827	+	3	15	TTG	TGA	0	0	
mORF_+_1149893	1149893	1150627	+	2	735	ATG	TGA	90	3649	pORF_+_1149893
mORF_+_1149900	1149900	1149923	+	3	24	TTG	TAA	0	0	
mORF_+_1149927	1149927	1150040	+	3	114	GTG	TAG	0	0	
mORF_+_1150041	1150041	1150061	+	3	21	GTG	TGA	0	0	
mORF_+_1150068	1150068	1150073	+	3	6	ATG	TGA	0	0	
mORF_+_1150122	1150122	1150178	+	3	57	TTG	TAA	0	0	
mORF_+_1150191	1150191	1150256	+	3	66	ATG	TAA	0	0	
mORF_+_1150198	1150198	1150380	+	1	183	GTG	TAA	0	0	
mORF_+_1150281	1150281	1150367	+	3	87	ATG	TGA	0	0	
mORF_+_1150398	1150398	1150421	+	3	24	TTG	TAA	0	0	
mORF_+_1150425	1150425	1150457	+	3	33	TTG	TGA	0	0	
mORF_+_1150461	1150461	1150469	+	3	9	GTG	TGA	0	0	
mORF_+_1150473	1150473	1150604	+	3	132	ATG	TGA	0	0	
mORF_+_1150635	1150635	1150688	+	3	54	TTG	TAG	0	0	
mORF_+_1150688	1150688	1150747	+	2	60	GTG	TAA	0	0	
mORF_+_1150695	1150695	1150718	+	3	24	ATG	TAA	0	0	
mORF_+_1150708	1150708	1150731	+	1	24	TTG	TAA	0	0	
mORF_+_1150741	1150741	1150764	+	1	24	GTG	TAG	0	0	
mORF_+_1150765	1150765	1150821	+	1	57	TTG	TGA	0	0	
mORF_+_1150818	1150818	1150841	+	3	24	TTG	TGA	0	0	
mORF_+_1150838	1150838	1151074	+	2	237	ATG	TAA	18	546	pORF_+_1150838
mORF_+_1150914	1150914	1150970	+	3	57	ATG	TAA	0	0	
mORF_+_1150989	1150989	1151078	+	3	90	TTG	TGA	0	0	
mORF_+_1151075	1151075	1151131	+	2	57	GTG	TAG	0	0	
mORF_+_1151162	1151162	1152403	+	2	1242	GTG	TAA	54	643	pORF_+_1151162
mORF_+_1151175	1151175	1151180	+	3	6	GTG	TAG	0	0	
mORF_+_1151181	1151181	1151186	+	3	6	TTG	TGA	0	0	
mORF_+_1151247	1151247	1151273	+	3	27	TTG	TAA	0	0	
mORF_+_1151298	1151298	1151321	+	3	24	ATG	TAG	0	0	
mORF_+_1151337	1151337	1151441	+	3	105	GTG	TAA	0	0	
mORF_+_1151463	1151463	1151504	+	3	42	TTG	TGA	0	0	
mORF_+_1151535	1151535	1151582	+	3	48	GTG	TGA	0	0	
mORF_+_1151613	1151613	1151717	+	3	105	ATG	TGA	0	0	
mORF_+_1151721	1151721	1151951	+	3	231	TTG	TGA	0	0	
mORF_+_1151827	1151827	1151835	+	1	9	GTG	TAA	0	0	
mORF_+_1151958	1151958	1151972	+	3	15	ATG	TGA	0	0	
mORF_+_1151988	1151988	1152119	+	3	132	ATG	TGA	0	0	
mORF_+_1152132	1152132	1152158	+	3	27	GTG	TAA	0	0	
mORF_+_1152192	1152192	1152209	+	3	18	GTG	TAG	0	0	
mORF_+_1152279	1152279	1152386	+	3	108	ATG	TGA	0	0	
mORF_+_1152286	1152286	1152327	+	1	42	TTG	TAG	0	0	
mORF_+_1152346	1152346	1152351	+	1	6	GTG	TAA	0	0	
mORF_+_1152405	1152405	1152455	+	3	51	TTG	TAG	0	0	
mORF_+_1152436	1152436	1152510	+	1	75	TTG	TGA	0	0	
mORF_+_1152479	1152479	1152499	+	2	21	GTG	TAA	0	0	
mORF_+_1152523	1152523	1153332	+	1	810	ATG	TAG	0	0	

mORF+_1152584	1152584	1152682	+	2	99	TTG	TGA	0	0	
mORF+_1152594	1152594	1152626	+	3	33	TTG	TAA	0	0	
mORF+_1152669	1152669	1152695	+	3	27	TTG	TGA	0	0	
mORF+_1152692	1152692	1152724	+	2	33	GTG	TGA	0	0	
mORF+_1152749	1152749	1152760	+	2	12	ATG	TGA	0	0	
mORF+_1152782	1152782	1152808	+	2	27	GTG	TGA	0	0	
mORF+_1152929	1152929	1152970	+	2	42	TTG	TGA	0	0	
mORF+_1152983	1152983	1153081	+	2	99	TTG	TAG	0	0	
mORF+_1153029	1153029	1153055	+	3	27	GTG	TAA	0	0	
mORF+_1153109	1153109	1153237	+	2	129	GTG	TAA	0	0	
mORF+_1153224	1153224	1153229	+	3	6	TTG	TAA	0	0	
mORF+_1153254	1153254	1153298	+	3	45	ATG	TGA	0	0	
mORF+_1153256	1153256	1153306	+	2	51	GTG	TAG	0	0	
mORF+_1153314	1153314	1153319	+	3	6	TTG	TGA	0	0	
mORF+_1153316	1153316	1153498	+	2	183	GTG	TGA	0	0	
mORF+_1153335	1153335	1154357	+	3	1023	ATG	TAA	2	11	pORF+_1153335
mORF+_1153393	1153393	1153467	+	1	75	GTG	TGA	0	0	
mORF+_1153495	1153495	1153614	+	1	120	GTG	TGA	0	0	
mORF+_1153544	1153544	1153582	+	2	39	ATG	TAA	0	0	
mORF+_1153717	1153717	1153746	+	1	30	GTG	TGA	0	0	
mORF+_1153750	1153750	1153770	+	1	21	ATG	TAG	0	0	
mORF+_1153780	1153780	1153893	+	1	114	TTG	TGA	0	0	
mORF+_1153799	1153799	1153807	+	2	9	GTG	TGA	0	0	
mORF+_1153811	1153811	1153906	+	2	96	TTG	TAG	0	0	
mORF+_1153921	1153921	1153962	+	1	42	GTG	TGA	0	0	
mORF+_1153996	1153996	1154079	+	1	84	TTG	TGA	0	0	
mORF+_1154104	1154104	1154187	+	1	84	ATG	TAG	0	0	
mORF+_1154251	1154251	1154328	+	1	78	TTG	TGA	0	0	
mORF+_1154347	1154347	1154988	+	1	642	ATG	TGA	13	34	pORF+_1154347
mORF+_1154369	1154369	1154497	+	2	129	TTG	TAA	0	0	
mORF+_1154531	1154531	1154563	+	2	33	ATG	TGA	0	0	
mORF+_1154570	1154570	1154593	+	2	24	ATG	TAG	0	0	
mORF+_1154636	1154636	1154752	+	2	117	TTG	TAA	0	0	
mORF+_1154765	1154765	1154788	+	2	24	ATG	TAA	0	0	
mORF+_1154798	1154798	1154935	+	2	138	GTG	TGA	0	0	
mORF+_1154939	1154939	1154959	+	2	21	ATG	TGA	0	0	
mORF+_1154985	1154985	1155989	+	3	1005	ATG	TAA	2	8	pORF+_1154985
mORF+_1154990	1154990	1155013	+	2	24	ATG	TGA	0	0	
mORF+_1155058	1155058	1155105	+	1	48	ATG	TAA	0	0	
mORF+_1155158	1155158	1155256	+	2	99	TTG	TGA	0	0	
mORF+_1155172	1155172	1155186	+	1	15	GTG	TGA	0	0	
mORF+_1155253	1155253	1155285	+	1	33	TTG	TGA	0	0	
mORF+_1155286	1155286	1155303	+	1	18	ATG	TAG	0	0	
mORF+_1155304	1155304	1155327	+	1	24	GTG	TAA	0	0	
mORF+_1155320	1155320	1155361	+	2	42	TTG	TAA	0	0	
mORF+_1155331	1155331	1155345	+	1	15	ATG	TAA	0	0	
mORF+_1155379	1155379	1155504	+	1	126	TTG	TGA	0	0	
mORF+_1155401	1155401	1155430	+	2	30	TTG	TGA	0	0	
mORF+_1155458	1155458	1155610	+	2	153	TTG	TAA	0	0	
mORF+_1155538	1155538	1155564	+	1	27	ATG	TAA	0	0	
mORF+_1155622	1155622	1155684	+	1	63	GTG	TAG	0	0	
mORF+_1155632	1155632	1155652	+	2	21	GTG	TAG	0	0	
mORF+_1155697	1155697	1155741	+	1	45	ATG	TGA	0	0	
mORF+_1155745	1155745	1155753	+	1	9	ATG	TAA	0	0	
mORF+_1155763	1155763	1155780	+	1	18	ATG	TGA	0	0	
mORF+_1155784	1155784	1155885	+	1	102	ATG	TAA	0	0	
mORF+_1155863	1155863	1155877	+	2	15	TTG	TGA	0	0	
mORF+_1155940	1155940	1156797	+	1	858	TTG	TGA	9	18	pORF+_1155940
mORF+_1156031	1156031	1156102	+	2	72	ATG	TGA	0	0	
mORF+_1156107	1156107	1156172	+	3	66	TTG	TGA	0	0	
mORF+_1156169	1156169	1156231	+	2	63	GTG	TAG	0	0	
mORF+_1156188	1156188	1156217	+	3	30	TTG	TGA	0	0	
mORF+_1156262	1156262	1156270	+	2	9	GTG	TAG	0	0	

mORF+_1156277	1156277	1156369	+	2	93	GTG	TGA	0	0	
mORF+_1156394	1156394	1156441	+	2	48	GTG	TGA	0	0	
mORF+_1156446	1156446	1156496	+	3	51	TTG	TAA	0	0	
mORF+_1156451	1156451	1156540	+	2	90	GTG	TGA	0	0	
mORF+_1156550	1156550	1156702	+	2	153	ATG	TGA	0	0	
mORF+_1156706	1156706	1156735	+	2	30	GTG	TAA	0	0	
mORF+_1156794	1156794	1156811	+	3	18	TTG	TAA	0	0	
mORF+_1156798	1156798	1156824	+	1	27	ATG	TAA	0	0	
mORF+_1156824	1156824	1156871	+	3	48	ATG	TAA	0	0	
mORF+_1156864	1156864	1156881	+	1	18	GTG	TGA	0	0	
mORF+_1156878	1156878	1156970	+	3	93	TTG	TGA	0	0	
mORF+_1156886	1156886	1156891	+	2	6	TTG	TGA	0	0	
mORF+_1156888	1156888	1156932	+	1	45	GTG	TGA	0	0	
mORF+_1156895	1156895	1156927	+	2	33	ATG	TGA	0	0	
mORF+_1156942	1156942	1156989	+	1	48	GTG	TAA	0	0	
mORF+_1156961	1156961	1156996	+	2	36	TTG	TAA	0	0	
mORF+_1157008	1157008	1157058	+	1	51	ATG	TAA	0	0	
mORF+_1157092	1157092	1158525	+	1	1434	ATG	TAA	43	419	pORF+_1157092
mORF+_1157102	1157102	1157140	+	2	39	ATG	TGA	0	0	
mORF+_1157219	1157219	1157275	+	2	57	TTG	TGA	0	0	
mORF+_1157279	1157279	1157668	+	2	390	TTG	TAG	0	0	
mORF+_1157604	1157604	1157762	+	3	159	TTG	TGA	0	0	
mORF+_1157669	1157669	1157944	+	2	276	TTG	TGA	0	0	
mORF+_1158011	1158011	1158115	+	2	105	TTG	TGA	0	0	
mORF+_1158153	1158153	1158221	+	3	69	GTG	TAA	0	0	
mORF+_1158182	1158182	1158217	+	2	36	ATG	TGA	0	0	
mORF+_1158248	1158248	1158412	+	2	165	GTG	TGA	0	0	
mORF+_1158351	1158351	1158383	+	3	33	ATG	TGA	0	0	
mORF+_1158440	1158440	1158490	+	2	51	TTG	TGA	0	0	
mORF+_1158503	1158503	1158532	+	2	30	ATG	TAA	0	0	
mORF+_1158537	1158537	1158698	+	3	162	TTG	TAA	0	0	
mORF+_1158559	1158559	1158594	+	1	36	ATG	TGA	0	0	
mORF+_1158578	1158578	1158607	+	2	30	GTG	TAA	0	0	
mORF+_1158598	1158598	1158633	+	1	36	GTG	TAG	0	0	
mORF+_1158623	1158623	1158640	+	2	18	GTG	TAG	0	0	
mORF+_1158652	1158652	1158663	+	1	12	TTG	TAG	0	0	
mORF+_1158667	1158667	1158723	+	1	57	TTG	TAG	0	0	
mORF+_1158727	1158727	1158750	+	1	24	GTG	TAG	0	0	
mORF+_1158756	1158756	1159115	+	3	360	TTG	TAA	0	0	
mORF+_1158772	1158772	1158864	+	1	93	GTG	TAG	0	0	
mORF+_1158868	1158868	1158939	+	1	72	GTG	TAG	0	0	
mORF+_1158890	1158890	1158901	+	2	12	GTG	TAG	0	0	
mORF+_1158944	1158944	1158976	+	2	33	TTG	TAA	0	0	
mORF+_1158967	1158967	1159035	+	1	69	TTG	TAG	0	0	
mORF+_1158977	1158977	1158988	+	2	12	TTG	TGA	0	0	
mORF+_1159048	1159048	1159080	+	1	33	TTG	TGA	0	0	
mORF+_1159064	1159064	1159180	+	2	117	GTG	TGA	0	0	
mORF+_1159108	1159108	1159167	+	1	60	ATG	TAG	0	0	
mORF+_1159168	1159168	1159242	+	1	75	TTG	TAG	0	0	
mORF+_1159181	1159181	1159234	+	2	54	TTG	TAG	0	0	
mORF+_1159218	1159218	1159412	+	3	195	TTG	TAA	0	0	
mORF+_1159261	1159261	1159293	+	1	33	TTG	TAA	0	0	
mORF+_1159297	1159297	1159323	+	1	27	GTG	TAA	0	0	
mORF+_1159345	1159345	1159353	+	1	9	TTG	TAA	0	0	
mORF+_1159355	1159355	1159393	+	2	39	GTG	TGA	0	0	
mORF+_1159390	1159390	1159494	+	1	105	GTG	TAG	0	0	
mORF+_1159422	1159422	1159457	+	3	36	ATG	TGA	0	0	
mORF+_1159424	1159424	1159486	+	2	63	GTG	TAA	0	0	
mORF+_1159467	1159467	1159532	+	3	66	TTG	TGA	0	0	
mORF+_1159519	1159519	1159542	+	1	24	ATG	TAA	0	0	
mORF+_1159529	1159529	1159537	+	2	9	ATG	TGA	0	0	
mORF+_1159546	1159546	1159563	+	1	18	TTG	TAA	0	0	
mORF+_1159551	1159551	1159580	+	3	30	TTG	TAG	0	0	

mORF_+_1159582	1159582	1159590	+	1	9	TTG	TGA	0	0	
mORF_+_1159584	1159584	1159943	+	3	360	GTG	TAA	0	0	
mORF_+_1159648	1159648	1159680	+	1	33	TTG	TAA	0	0	
mORF_+_1159706	1159706	1159843	+	2	138	ATG	TAA	0	0	
mORF_+_1159732	1159732	1159743	+	1	12	TTG	TAG	0	0	
mORF_+_1159762	1159762	1159908	+	1	147	TTG	TAA	0	0	
mORF_+_1159883	1159883	1159957	+	2	75	GTG	TAG	0	0	
mORF_+_1159912	1159912	1159980	+	1	69	TTG	TGA	0	0	
mORF_+_1160032	1160032	1160064	+	1	33	ATG	TAG	0	0	
mORF_+_1160075	1160075	1160134	+	2	60	ATG	TGA	0	0	
mORF_+_1160131	1160131	1160364	+	1	234	GTG	TAG	0	0	
mORF_+_1160135	1160135	1160206	+	2	72	GTG	TAA	0	0	
mORF_+_1160142	1160142	1160147	+	3	6	TTG	TAA	0	0	
mORF_+_1160223	1160223	1160492	+	3	270	GTG	TAA	0	0	
mORF_+_1160243	1160243	1160275	+	2	33	TTG	TGA	0	0	
mORF_+_1160315	1160315	1160452	+	2	138	GTG	TGA	0	0	
mORF_+_1160365	1160365	1160388	+	1	24	GTG	TAG	0	0	
mORF_+_1160446	1160446	1160499	+	1	54	TTG	TGA	0	0	
mORF_+_1160527	1160527	1160538	+	1	12	GTG	TGA	0	0	
mORF_+_1160550	1160550	1160630	+	3	81	TTG	TGA	0	0	
mORF_+_1160566	1160566	1160598	+	1	33	TTG	TAA	0	0	
mORF_+_1160623	1160623	1160739	+	1	117	GTG	TGA	0	0	
mORF_+_1160663	1160663	1160731	+	2	69	GTG	TGA	0	0	
mORF_+_1160736	1160736	1160768	+	3	33	TTG	TGA	0	0	
mORF_+_1160762	1160762	1160842	+	2	81	GTG	TAG	0	0	
mORF_+_1160775	1160775	1160825	+	3	51	TTG	TGA	0	0	
mORF_+_1160785	1160785	1160853	+	1	69	TTG	TAA	0	0	
mORF_+_1160844	1160844	1161029	+	3	186	GTG	TAA	0	0	
mORF_+_1160860	1160860	1160865	+	1	6	TTG	TAA	0	0	
mORF_+_1160866	1160866	1160994	+	1	129	ATG	TAA	0	0	
mORF_+_1160900	1160900	1160905	+	2	6	ATG	TAA	0	0	
mORF_+_1160918	1160918	1160956	+	2	39	ATG	TAA	0	0	
mORF_+_1160987	1160987	1161004	+	2	18	TTG	TGA	0	0	
mORF_+_1161001	1161001	1161009	+	1	9	GTG	TAA	0	0	
mORF_+_1161053	1161053	1161148	+	2	96	GTG	TGA	0	0	
mORF_+_1161055	1161055	1161093	+	1	39	GTG	TGA	0	0	
mORF_+_1161090	1161090	1161467	+	3	378	TTG	TAA	19	298	pORF_+_1161090
mORF_+_1161103	1161103	1161186	+	1	84	ATG	TAA	0	0	
mORF_+_1161280	1161280	1161303	+	1	24	ATG	TGA	0	0	
mORF_+_1161322	1161322	1161363	+	1	42	TTG	TGA	0	0	
mORF_+_1161382	1161382	1161555	+	1	174	ATG	TGA	0	0	
mORF_+_1161470	1161470	1161847	+	2	378	ATG	TAA	1	3	pORF_+_1161470
mORF_+_1161486	1161486	1161551	+	3	66	TTG	TGA	0	0	
mORF_+_1161552	1161552	1161572	+	3	21	ATG	TGA	0	0	
mORF_+_1161603	1161603	1161785	+	3	183	GTG	TAA	0	0	
mORF_+_1161851	1161851	1161934	+	2	84	GTG	TGA	0	0	
mORF_+_1161858	1161858	1162502	+	3	645	TTG	TAA	11	36	pORF_+_1161858
mORF_+_1161919	1161919	1161948	+	1	30	GTG	TAG	0	0	
mORF_+_1162045	1162045	1162152	+	1	108	TTG	TGA	0	0	
mORF_+_1162174	1162174	1162209	+	1	36	TTG	TGA	0	0	
mORF_+_1162210	1162210	1162311	+	1	102	ATG	TAG	0	0	
mORF_+_1162360	1162360	1162443	+	1	84	TTG	TGA	0	0	
mORF_+_1162483	1162483	1163307	+	1	825	GTG	TAA	0	0	
mORF_+_1162571	1162571	1162747	+	2	177	GTG	TAG	0	0	
mORF_+_1162701	1162701	1162736	+	3	36	ATG	TGA	0	0	
mORF_+_1162838	1162838	1162852	+	2	15	TTG	TAA	0	0	
mORF_+_1162914	1162914	1163015	+	3	102	TTG	TAG	0	0	
mORF_+_1162988	1162988	1163008	+	2	21	ATG	TAG	0	0	
mORF_+_1163048	1163048	1163203	+	2	156	ATG	TGA	0	0	
mORF_+_1163088	1163088	1163105	+	3	18	GTG	TGA	0	0	
mORF_+_1163166	1163166	1163225	+	3	60	ATG	TGA	0	0	
mORF_+_1163222	1163222	1163296	+	2	75	TTG	TAA	0	0	
mORF_+_1163316	1163316	1163330	+	3	15	GTG	TAA	0	0	

mORF+_1163318	1163318	1164343	+	2	1026	GTG	TAA	9	19	pORF+_1163318
mORF+_1163337	1163337	1163405	+	3	69	ATG	TGA	0	0	
mORF+_1163427	1163427	1163627	+	3	201	ATG	TGA	0	0	
mORF+_1163620	1163620	1163658	+	1	39	TTG	TGA	0	0	
mORF+_1163655	1163655	1163792	+	3	138	TTG	TGA	0	0	
mORF+_1163823	1163823	1163831	+	3	9	GTG	TAA	0	0	
mORF+_1163857	1163857	1163892	+	1	36	GTG	TAA	0	0	
mORF+_1163955	1163955	1163960	+	3	6	ATG	TGA	0	0	
mORF+_1163967	1163967	1164011	+	3	45	GTG	TGA	0	0	
mORF+_1164039	1164039	1164050	+	3	12	TTG	TGA	0	0	
mORF+_1164078	1164078	1164143	+	3	66	GTG	TGA	0	0	
mORF+_1164133	1164133	1164159	+	1	27	TTG	TAA	0	0	
mORF+_1164213	1164213	1164260	+	3	48	GTG	TGA	0	0	
mORF+_1164309	1164309	1164908	+	3	600	ATG	TAA	18	112	pORF+_1164309
mORF+_1164353	1164353	1164358	+	2	6	ATG	TGA	0	0	
mORF+_1164355	1164355	1164369	+	1	15	GTG	TGA	0	0	
mORF+_1164388	1164388	1164459	+	1	72	TTG	TGA	0	0	
mORF+_1164487	1164487	1164534	+	1	48	ATG	TGA	0	0	
mORF+_1164538	1164538	1164555	+	1	18	TTG	TAA	0	0	
mORF+_1164557	1164557	1164637	+	2	81	TTG	TAA	0	0	
mORF+_1164565	1164565	1164624	+	1	60	TTG	TGA	0	0	
mORF+_1164649	1164649	1164714	+	1	66	ATG	TGA	0	0	
mORF+_1164707	1164707	1164727	+	2	21	GTG	TGA	0	0	
mORF+_1164724	1164724	1164753	+	1	30	GTG	TGA	0	0	
mORF+_1164743	1164743	1164766	+	2	24	TTG	TAA	0	0	
mORF+_1164766	1164766	1164930	+	1	165	ATG	TAA	0	0	
mORF+_1164909	1164909	1164974	+	3	66	ATG	TAA	0	0	
mORF+_1164946	1164946	1165161	+	1	216	ATG	TGA	0	0	
mORF+_1164962	1164962	1165015	+	2	54	GTG	TGA	0	0	
mORF+_1165008	1165008	1165103	+	3	96	ATG	TAA	0	0	
mORF+_1165158	1165158	1165247	+	3	90	TTG	TAA	0	0	
mORF+_1165174	1165174	1165182	+	1	9	TTG	TGA	0	0	
mORF+_1165186	1165186	1165212	+	1	27	ATG	TAG	0	0	
mORF+_1165228	1165228	1165236	+	1	9	TTG	TAA	0	0	
mORF+_1165241	1165241	1165273	+	2	33	TTG	TAA	0	0	
mORF+_1165257	1165257	1165277	+	3	21	ATG	TAA	0	0	
mORF+_1165281	1165281	1166612	+	3	1332	TTG	TAA	49	200	pORF+_1165281
mORF+_1165330	1165330	1165335	+	1	6	TTG	TGA	0	0	
mORF+_1165336	1165336	1165506	+	1	171	TTG	TGA	0	0	
mORF+_1165445	1165445	1165486	+	2	42	GTG	TGA	0	0	
mORF+_1165519	1165519	1165665	+	1	147	ATG	TAA	0	0	
mORF+_1165705	1165705	1165773	+	1	69	GTG	TGA	0	0	
mORF+_1165810	1165810	1165821	+	1	12	ATG	TGA	0	0	
mORF+_1165825	1165825	1165857	+	1	33	TTG	TAG	0	0	
mORF+_1166023	1166023	1166040	+	1	18	TTG	TGA	0	0	
mORF+_1166059	1166059	1166115	+	1	57	GTG	TGA	0	0	
mORF+_1166120	1166120	1166173	+	2	54	ATG	TGA	0	0	
mORF+_1166164	1166164	1166334	+	1	171	GTG	TGA	0	0	
mORF+_1166261	1166261	1166362	+	2	102	ATG	TAA	0	0	
mORF+_1166392	1166392	1166439	+	1	48	ATG	TGA	0	0	
mORF+_1166470	1166470	1166556	+	1	87	TTG	TAA	0	0	
mORF+_1166630	1166630	1166659	+	2	30	ATG	TGA	0	0	
mORF+_1166632	1166632	1166640	+	1	9	GTG	TAA	0	0	
mORF+_1166656	1166656	1166790	+	1	135	TTG	TGA	0	0	
mORF+_1166684	1166684	1166722	+	2	39	TTG	TAA	0	0	
mORF+_1166783	1166783	1167361	+	2	579	TTG	TAA	0	0	
mORF+_1166787	1166787	1166825	+	3	39	ATG	TGA	0	0	
mORF+_1166791	1166791	1166799	+	1	9	TTG	TAA	0	0	
mORF+_1166853	1166853	1166879	+	3	27	TTG	TAG	0	0	
mORF+_1166904	1166904	1166999	+	3	96	TTG	TGA	0	0	
mORF+_1166980	1166980	1167024	+	1	45	GTG	TGA	0	0	
mORF+_1167021	1167021	1167071	+	3	51	ATG	TGA	0	0	
mORF+_1167084	1167084	1167254	+	3	171	TTG	TGA	1	2	pORF+_1167084

mORF_+_1167205	1167205	1167210	+	1	6	TTG	TAA	0	0	
mORF_+_1167264	1167264	1167323	+	3	60	TTG	TAG	0	0	
mORF_+_1167381	1167381	1167446	+	3	66	TTG	TAA	0	0	
mORF_+_1167416	1167416	1167508	+	2	93	TTG	TGA	0	0	
mORF_+_1167549	1167549	1167602	+	3	54	ATG	TAA	0	0	
mORF_+_1167551	1167551	1167697	+	2	147	GTG	TGA	0	0	
mORF_+_1167616	1167616	1167759	+	1	144	GTG	TAG	0	0	
mORF_+_1167624	1167624	1167641	+	3	18	TTG	TGA	0	0	
mORF_+_1167803	1167803	1167817	+	2	15	GTG	TAG	0	0	
mORF_+_1167810	1167810	1167860	+	3	51	ATG	TAA	0	0	
mORF_+_1167868	1167868	1167948	+	1	81	TTG	TAA	0	0	
mORF_+_1167951	1167951	1168043	+	3	93	GTG	TGA	0	0	
mORF_+_1167970	1167970	1168098	+	1	129	ATG	TAA	0	0	
mORF_+_1168007	1168007	1168057	+	2	51	TTG	TGA	0	0	
mORF_+_1168082	1168082	1168135	+	2	54	ATG	TAA	0	0	
mORF_+_1168142	1168142	1168156	+	2	15	TTG	TAA	0	0	
mORF_+_1168186	1168186	1168239	+	1	54	ATG	TAG	0	0	
mORF_+_1168190	1168190	1168198	+	2	9	TTG	TAA	0	0	
mORF_+_1168211	1168211	1168216	+	2	6	ATG	TGA	0	0	
mORF_+_1168258	1168258	1168299	+	1	42	TTG	TGA	0	0	
mORF_+_1168262	1168262	1168285	+	2	24	TTG	TAA	0	0	
mORF_+_1168296	1168296	1168553	+	3	258	ATG	TAA	10	47	pORF_+_1168296
mORF_+_1168348	1168348	1168509	+	1	162	TTG	TAA	0	0	
mORF_+_1168528	1168528	1168542	+	1	15	ATG	TAA	0	0	
mORF_+_1168570	1168570	1168659	+	1	90	ATG	TGA	0	0	
mORF_+_1168602	1168602	1168748	+	3	147	ATG	TGA	0	0	
mORF_+_1168607	1168607	1168744	+	2	138	GTG	TAA	0	0	
mORF_+_1168745	1168745	1168771	+	2	27	ATG	TAA	0	0	
mORF_+_1168749	1168749	1168808	+	3	60	TTG	TGA	0	0	
mORF_+_1168772	1168772	1168876	+	2	105	TTG	TGA	0	0	
mORF_+_1168818	1168818	1169159	+	3	342	ATG	TGA	0	0	
mORF_+_1168870	1168870	1168998	+	1	129	GTG	TGA	0	0	
mORF_+_1168916	1168916	1168924	+	2	9	GTG	TGA	0	0	
mORF_+_1169048	1169048	1169281	+	2	234	TTG	TGA	0	0	
mORF_+_1169116	1169116	1169205	+	1	90	ATG	TGA	0	0	
mORF_+_1169275	1169275	1169361	+	1	87	ATG	TAA	0	0	
mORF_+_1169319	1169319	1169336	+	3	18	TTG	TAA	0	0	
mORF_+_1169407	1169407	1169460	+	1	54	TTG	TGA	0	0	
mORF_+_1169457	1169457	1169528	+	3	72	ATG	TAG	0	0	
mORF_+_1169464	1169464	1169610	+	1	147	TTG	TAA	0	0	
mORF_+_1169519	1169519	1169557	+	2	39	TTG	TAA	0	0	
mORF_+_1169625	1169625	1169630	+	3	6	TTG	TAA	0	0	
mORF_+_1169651	1169651	1169674	+	2	24	ATG	TAG	0	0	
mORF_+_1169655	1169655	1169744	+	3	90	ATG	TAA	0	0	
mORF_+_1169674	1169674	1169700	+	1	27	GTG	TAA	0	0	
mORF_+_1169684	1169684	1170157	+	2	474	GTG	TAG	0	0	
mORF_+_1169701	1169701	1169775	+	1	75	ATG	TAA	0	0	
mORF_+_1170060	1170060	1170110	+	3	51	TTG	TAG	0	0	
mORF_+_1170123	1170123	1170464	+	3	342	GTG	TGA	0	0	
mORF_+_1170185	1170185	1170292	+	2	108	TTG	TGA	0	0	
mORF_+_1170232	1170232	1170420	+	1	189	GTG	TAG	0	0	
mORF_+_1170299	1170299	1170493	+	2	195	TTG	TAA	0	0	
mORF_+_1170430	1170430	1170537	+	1	108	TTG	TGA	0	0	
mORF_+_1170497	1170497	1171021	+	2	525	GTG	TAA	0	0	
mORF_+_1170534	1170534	1170611	+	3	78	ATG	TGA	0	0	
mORF_+_1170583	1170583	1170603	+	1	21	TTG	TGA	0	0	
mORF_+_1170669	1170669	1170722	+	3	54	ATG	TGA	0	0	
mORF_+_1170723	1170723	1170743	+	3	21	ATG	TAG	0	0	
mORF_+_1170801	1170801	1170977	+	3	177	ATG	TGA	0	0	
mORF_+_1170889	1170889	1170927	+	1	39	TTG	TAA	0	0	
mORF_+_1171032	1171032	1171193	+	3	162	TTG	TAA	0	0	
mORF_+_1171043	1171043	1171537	+	2	495	TTG	TGA	1	3	pORF_+_1171043
mORF_+_1171212	1171212	1171337	+	3	126	GTG	TGA	0	0	

mORF_+_1171324	1171324	1171350	+	1	27	TTG	TAA	0	0
mORF_+_1171341	1171341	1171376	+	3	36	ATG	TGA	0	0
mORF_+_1171383	1171383	1171418	+	3	36	GTG	TGA	0	0
mORF_+_1171455	1171455	1171475	+	3	21	TTG	TAG	0	0
mORF_+_1171534	1171534	1171602	+	1	69	GTG	TAA	0	0
mORF_+_1171559	1171559	1171615	+	2	57	ATG	TGA	0	0
mORF_+_1171612	1171612	1171656	+	1	45	GTG	TGA	0	0
mORF_+_1171635	1171635	1171652	+	3	18	TTG	TAG	0	0
mORF_+_1171653	1171653	1171712	+	3	60	GTG	TAA	0	0
mORF_+_1171724	1171724	1172131	+	2	408	GTG	TAA	0	0
mORF_+_1171780	1171780	1171794	+	1	15	GTG	TGA	0	0
mORF_+_1171791	1171791	1171814	+	3	24	TTG	TGA	0	0
mORF_+_1171953	1171953	1172099	+	3	147	ATG	TGA	0	0
mORF_+_1171978	1171978	1172370	+	1	393	GTG	TGA	0	0
mORF_+_1172133	1172133	1172366	+	3	234	TTG	TAA	0	0
mORF_+_1172159	1172159	1172173	+	2	15	ATG	TAG	0	0
mORF_+_1172234	1172234	1172431	+	2	198	TTG	TAA	0	0
mORF_+_1172383	1172383	1172394	+	1	12	GTG	TGA	0	0
mORF_+_1172401	1172401	1172562	+	1	162	ATG	TGA	0	0
mORF_+_1172433	1172433	1172456	+	3	24	GTG	TAA	0	0
mORF_+_1172447	1172447	1172767	+	2	321	TTG	TAA	0	0
mORF_+_1172559	1172559	1172651	+	3	93	TTG	TAA	0	0
mORF_+_1172697	1172697	1172741	+	3	45	GTG	TAA	0	0
mORF_+_1172767	1172767	1172850	+	1	84	ATG	TAA	0	0
mORF_+_1172810	1172810	1172896	+	2	87	ATG	TAG	0	0
mORF_+_1172907	1172907	1172936	+	3	30	GTG	TGA	0	0
mORF_+_1172936	1172936	1173124	+	2	189	ATG	TAA	0	0
mORF_+_1173049	1173049	1173057	+	1	9	GTG	TGA	0	0
mORF_+_1173054	1173054	1173077	+	3	24	ATG	TGA	0	0
mORF_+_1173103	1173103	1173156	+	1	54	TTG	TGA	0	0
mORF_+_1173153	1173153	1173170	+	3	18	TTG	TAA	0	0
mORF_+_1173176	1173176	1173283	+	2	108	TTG	TAG	0	0
mORF_+_1173193	1173193	1173210	+	1	18	TTG	TAG	0	0
mORF_+_1173214	1173214	1173243	+	1	30	ATG	TGA	0	0
mORF_+_1173250	1173250	1173291	+	1	42	ATG	TGA	0	0
mORF_+_1173288	1173288	1173347	+	3	60	TTG	TGA	0	0
mORF_+_1173310	1173310	1173318	+	1	9	ATG	TAG	0	0
mORF_+_1173344	1173344	1173373	+	2	30	GTG	TGA	0	0
mORF_+_1173374	1173374	1173424	+	2	51	ATG	TGA	0	0
mORF_+_1173421	1173421	1173444	+	1	24	ATG	TAA	0	0
mORF_+_1173455	1173455	1173517	+	2	63	GTG	TGA	0	0
mORF_+_1173468	1173468	1173512	+	3	45	TTG	TAA	0	0
mORF_+_1173532	1173532	1173549	+	1	18	ATG	TAG	0	0
mORF_+_1173537	1173537	1173890	+	3	354	ATG	TAG	0	0
mORF_+_1173556	1173556	1173621	+	1	66	ATG	TGA	0	0
mORF_+_1173634	1173634	1173798	+	1	165	ATG	TAA	0	0
mORF_+_1173767	1173767	1173856	+	2	90	TTG	TAA	0	0
mORF_+_1173808	1173808	1173933	+	1	126	TTG	TAG	0	0
mORF_+_1173890	1173890	1173910	+	2	21	GTG	TAA	0	0
mORF_+_1173964	1173964	1174014	+	1	51	GTG	TAA	0	0
mORF_+_1173984	1173984	1174037	+	3	54	GTG	TAA	0	0
mORF_+_1174021	1174021	1174173	+	1	153	TTG	TAG	0	0
mORF_+_1174049	1174049	1174198	+	2	150	GTG	TAA	0	0
mORF_+_1174237	1174237	1174245	+	1	9	TTG	TAG	0	0
mORF_+_1174255	1174255	1174284	+	1	30	TTG	TGA	0	0
mORF_+_1174278	1174278	1174349	+	3	72	ATG	TAA	0	0
mORF_+_1174288	1174288	1174305	+	1	18	GTG	TAA	0	0
mORF_+_1174312	1174312	1174323	+	1	12	ATG	TGA	0	0
mORF_+_1174354	1174354	1174509	+	1	156	TTG	TGA	0	0
mORF_+_1174380	1174380	1174490	+	3	111	TTG	TAA	0	0
mORF_+_1174448	1174448	1174453	+	2	6	GTG	TAA	0	0
mORF_+_1174506	1174506	1174538	+	3	33	TTG	TGA	0	0
mORF_+_1174519	1174519	1174530	+	1	12	ATG	TAG	0	0

mORF_+_1174535	1174535	1174561	+	2	27	TTG	TAG	0	0	
mORF_+_1174599	1174599	1175849	+	3	1251	TTG	TAA	0	0	
mORF_+_1174619	1174619	1174804	+	2	186	GTG	TGA	0	0	
mORF_+_1174675	1174675	1174764	+	1	90	TTG	TGA	0	0	
mORF_+_1174801	1174801	1174836	+	1	36	TTG	TGA	0	0	
mORF_+_1174864	1174864	1174989	+	1	126	ATG	TGA	0	0	
mORF_+_1175041	1175041	1175046	+	1	6	ATG	TGA	0	0	
mORF_+_1175077	1175077	1175112	+	1	36	ATG	TAG	0	0	
mORF_+_1175125	1175125	1175142	+	1	18	GTG	TGA	0	0	
mORF_+_1175203	1175203	1175208	+	1	6	ATG	TGA	0	0	
mORF_+_1175209	1175209	1175259	+	1	51	TTG	TGA	0	0	
mORF_+_1175263	1175263	1175283	+	1	21	TTG	TGA	0	0	
mORF_+_1175321	1175321	1175332	+	2	12	GTG	TGA	0	0	
mORF_+_1175329	1175329	1175340	+	1	12	ATG	TGA	0	0	
mORF_+_1175384	1175384	1175401	+	2	18	ATG	TGA	0	0	
mORF_+_1175398	1175398	1175448	+	1	51	GTG	TGA	0	0	
mORF_+_1175470	1175470	1175508	+	1	39	TTG	TAG	0	0	
mORF_+_1175623	1175623	1175670	+	1	48	GTG	TAA	0	0	
mORF_+_1175701	1175701	1176543	+	1	843	TTG	TAA	18	254	pORF_+_1175701
mORF_+_1175801	1175801	1175830	+	2	30	ATG	TGA	0	0	
mORF_+_1175862	1175862	1175948	+	3	87	ATG	TGA	0	0	
mORF_+_1175897	1175897	1175953	+	2	57	GTG	TGA	0	0	
mORF_+_1176035	1176035	1176040	+	2	6	ATG	TGA	0	0	
mORF_+_1176047	1176047	1176061	+	2	15	ATG	TGA	0	0	
mORF_+_1176182	1176182	1176232	+	2	51	TTG	TAA	0	0	
mORF_+_1176254	1176254	1176325	+	2	72	GTG	TGA	0	0	
mORF_+_1176350	1176350	1176415	+	2	66	ATG	TGA	0	0	
mORF_+_1176497	1176497	1176511	+	2	15	GTG	TGA	0	0	
mORF_+_1176543	1176543	1177787	+	3	1245	ATG	TAA	4	4	pORF_+_1176543
mORF_+_1176568	1176568	1176618	+	1	51	TTG	TGA	0	0	
mORF_+_1176637	1176637	1176666	+	1	30	TTG	TGA	0	0	
mORF_+_1176694	1176694	1176708	+	1	15	TTG	TGA	0	0	
mORF_+_1176736	1176736	1176888	+	1	153	ATG	TGA	0	0	
mORF_+_1176764	1176764	1176772	+	2	9	GTG	TAA	0	0	
mORF_+_1176937	1176937	1177017	+	1	81	TTG	TGA	0	0	
mORF_+_1176953	1176953	1176967	+	2	15	GTG	TAA	0	0	
mORF_+_1177034	1177034	1177075	+	2	42	TTG	TAA	0	0	
mORF_+_1177093	1177093	1177128	+	1	36	GTG	TGA	0	0	
mORF_+_1177129	1177129	1177158	+	1	30	GTG	TGA	0	0	
mORF_+_1177171	1177171	1177227	+	1	57	ATG	TGA	0	0	
mORF_+_1177231	1177231	1177275	+	1	45	ATG	TGA	0	0	
mORF_+_1177285	1177285	1177344	+	1	60	ATG	TGA	0	0	
mORF_+_1177381	1177381	1177416	+	1	36	TTG	TAG	0	0	
mORF_+_1177438	1177438	1177458	+	1	21	GTG	TAA	0	0	
mORF_+_1177477	1177477	1177485	+	1	9	ATG	TAA	0	0	
mORF_+_1177498	1177498	1177548	+	1	51	TTG	TGA	0	0	
mORF_+_1177538	1177538	1177591	+	2	54	GTG	TGA	0	0	
mORF_+_1177588	1177588	1177608	+	1	21	TTG	TGA	0	0	
mORF_+_1177592	1177592	1177600	+	2	9	GTG	TGA	0	0	
mORF_+_1177645	1177645	1177713	+	1	69	TTG	TGA	0	0	
mORF_+_1177727	1177727	1177753	+	2	27	TTG	TAA	0	0	
mORF_+_1177756	1177756	1178727	+	1	972	TTG	TAA	1	2	pORF_+_1177756
mORF_+_1177829	1177829	1177936	+	2	108	TTG	TAG	0	0	
mORF_+_1177887	1177887	1177916	+	3	30	GTG	TGA	0	0	
mORF_+_1177937	1177937	1177957	+	2	21	ATG	TAG	0	0	
mORF_+_1177944	1177944	1177949	+	3	6	GTG	TGA	0	0	
mORF_+_1177976	1177976	1178092	+	2	117	TTG	TGA	0	0	
mORF_+_1178102	1178102	1178191	+	2	90	TTG	TGA	0	0	
mORF_+_1178213	1178213	1178230	+	2	18	GTG	TGA	0	0	
mORF_+_1178279	1178279	1178311	+	2	33	TTG	TAA	0	0	
mORF_+_1178351	1178351	1178515	+	2	165	GTG	TAG	0	0	
mORF_+_1178400	1178400	1178462	+	3	63	GTG	TGA	0	0	
mORF_+_1178520	1178520	1178549	+	3	30	TTG	TGA	0	0	

mORF+_1178546	1178546	1178644	+	2	99	TTG	TAG	0	0	
mORF+_1178648	1178648	1178719	+	2	72	GTG	TAA	0	0	
mORF+_1178738	1178738	1178770	+	2	33	TTG	TAA	0	0	
mORF+_1178743	1178743	1179582	+	1	840	ATG	TGA	14	77	pORF+_1178743
mORF+_1178933	1178933	1179124	+	2	192	ATG	TGA	0	0	
mORF+_1178940	1178940	1178960	+	3	21	GTG	TGA	0	0	
mORF+_1179146	1179146	1179172	+	2	27	ATG	TGA	0	0	
mORF+_1179182	1179182	1179196	+	2	15	ATG	TGA	0	0	
mORF+_1179204	1179204	1179260	+	3	57	TTG	TAA	0	0	
mORF+_1179215	1179215	1179304	+	2	90	GTG	TAG	0	0	
mORF+_1179261	1179261	1179338	+	3	78	ATG	TGA	0	0	
mORF+_1179311	1179311	1179460	+	2	150	TTG	TGA	0	0	
mORF+_1179464	1179464	1179553	+	2	90	TTG	TGA	0	0	
mORF+_1179575	1179575	1179625	+	2	51	TTG	TGA	0	0	
mORF+_1179582	1179582	1179722	+	3	141	ATG	TAA	0	0	
mORF+_1179622	1179622	1179651	+	1	30	TTG	TAA	0	0	
mORF+_1179725	1179725	1179736	+	2	12	ATG	TAA	0	0	
mORF+_1179767	1179767	1179784	+	2	18	GTG	TAA	0	0	
mORF+_1179832	1179832	1179870	+	1	39	TTG	TAA	0	0	
mORF+_1179883	1179883	1179888	+	1	6	GTG	TAG	0	0	
mORF+_1179941	1179941	1180060	+	2	120	ATG	TGA	0	0	
mORF+_1179943	1179943	1179996	+	1	54	GTG	TAA	0	0	
mORF+_1179972	1179972	1180004	+	3	33	ATG	TAG	0	0	
mORF+_1180017	1180017	1180025	+	3	9	TTG	TAA	0	0	
mORF+_1180035	1180035	1180040	+	3	6	TTG	TAG	0	0	
mORF+_1180057	1180057	1180068	+	1	12	TTG	TGA	0	0	
mORF+_1180099	1180099	1180104	+	1	6	GTG	TGA	0	0	
mORF+_1180101	1180101	1180175	+	3	75	GTG	TAA	0	0	
mORF+_1180159	1180159	1180524	+	1	366	TTG	TAG	0	0	
mORF+_1180178	1180178	1180192	+	2	15	GTG	TAG	0	0	
mORF+_1180229	1180229	1180273	+	2	45	ATG	TGA	0	0	
mORF+_1180242	1180242	1180301	+	3	60	ATG	TAA	0	0	
mORF+_1180316	1180316	1180390	+	2	75	GTG	TAA	0	0	
mORF+_1180329	1180329	1180424	+	3	96	TTG	TAA	0	0	
mORF+_1180403	1180403	1180468	+	2	66	GTG	TGA	0	0	
mORF+_1180575	1180575	1180652	+	3	78	ATG	TAA	0	0	
mORF+_1180637	1180637	1180720	+	2	84	ATG	TAG	0	0	
mORF+_1180710	1180710	1180727	+	3	18	TTG	TAA	0	0	
mORF+_1180779	1180779	1180787	+	3	9	GTG	TGA	0	0	
mORF+_1180784	1180784	1180951	+	2	168	ATG	TAG	0	0	
mORF+_1180818	1180818	1180835	+	3	18	ATG	TGA	0	0	
mORF+_1180845	1180845	1180853	+	3	9	TTG	TAG	0	0	
mORF+_1180854	1180854	1180868	+	3	15	GTG	TAA	0	0	
mORF+_1180884	1180884	1180943	+	3	60	ATG	TGA	0	0	
mORF+_1180960	1180960	1181004	+	1	45	TTG	TGA	0	0	
mORF+_1180998	1180998	1181009	+	3	12	TTG	TAA	0	0	
mORF+_1181046	1181046	1181111	+	3	66	ATG	TAG	0	0	
mORF+_1181113	1181113	1181184	+	1	72	GTG	TAG	0	0	
mORF+_1181200	1181200	1181229	+	1	30	TTG	TGA	0	0	
mORF+_1181226	1181226	1181510	+	3	285	TTG	TAG	0	0	
mORF+_1181263	1181263	1181385	+	1	123	TTG	TAA	0	0	
mORF+_1181440	1181440	1181610	+	1	171	TTG	TGA	0	0	
mORF+_1181574	1181574	1181681	+	3	108	TTG	TAG	0	0	
mORF+_1181703	1181703	1181798	+	3	96	TTG	TAA	0	0	
mORF+_1181737	1181737	1181892	+	1	156	TTG	TAA	0	0	
mORF+_1181835	1181835	1181879	+	3	45	TTG	TAA	0	0	
mORF+_1181910	1181910	1181960	+	3	51	TTG	TAG	0	0	
mORF+_1181970	1181970	1181990	+	3	21	GTG	TGA	0	0	
mORF+_1181987	1181987	1182040	+	2	54	GTG	TGA	0	0	
mORF+_1182000	1182000	1182056	+	3	57	ATG	TAA	0	0	
mORF+_1182007	1182007	1182135	+	1	129	GTG	TAA	0	0	
mORF+_1182065	1182065	1182190	+	2	126	GTG	TAA	0	0	
mORF+_1182141	1182141	1182155	+	3	15	TTG	TAA	0	0	

mORF+_1182216	1182216	1182227	+	3	12	TTG	TGA	0	0	
mORF+_1182224	1182224	1182472	+	2	249	GTG	TGA	0	0	
mORF+_1182300	1182300	1182317	+	3	18	TTG	TGA	0	0	
mORF+_1182420	1182420	1182437	+	3	18	ATG	TGA	0	0	
mORF+_1182439	1182439	1182528	+	1	90	ATG	TGA	0	0	
mORF+_1182525	1182525	1182557	+	3	33	GTG	TAA	0	0	
mORF+_1182606	1182606	1182617	+	3	12	GTG	TAA	0	0	
mORF+_1182648	1182648	1182719	+	3	72	TTG	TAA	0	0	
mORF+_1182658	1182658	1182675	+	1	18	ATG	TAA	0	0	
mORF+_1182686	1182686	1182802	+	2	117	TTG	TAG	0	0	
mORF+_1182780	1182780	1182806	+	3	27	TTG	TAG	0	0	
mORF+_1182925	1182925	1183032	+	1	108	ATG	TAG	0	0	
mORF+_1183094	1183094	1183102	+	2	9	GTG	TAA	0	0	
mORF+_1183102	1183102	1183224	+	1	123	ATG	TAA	0	0	
mORF+_1183252	1183252	1183314	+	1	63	GTG	TAG	0	0	
mORF+_1183268	1183268	1183282	+	2	15	TTG	TAA	0	0	
mORF+_1183318	1183318	1183347	+	1	30	TTG	TAG	0	0	
mORF+_1183358	1183358	1183555	+	2	198	ATG	TAA	0	0	
mORF+_1183363	1183363	1183449	+	1	87	TTG	TAG	0	0	
mORF+_1183413	1183413	1183505	+	3	93	GTG	TAG	0	0	
mORF+_1183471	1183471	1183518	+	1	48	GTG	TAG	0	0	
mORF+_1183537	1183537	1183542	+	1	6	GTG	TAG	0	0	
mORF+_1183564	1183564	1183923	+	1	360	TTG	TAA	0	0	
mORF+_1183685	1183685	1183855	+	2	171	TTG	TAG	0	0	
mORF+_1183895	1183895	1183984	+	2	90	TTG	TAG	0	0	
mORF+_1183945	1183945	1184034	+	1	90	ATG	TAG	0	0	
mORF+_1184009	1184009	1184113	+	2	105	TTG	TAG	0	0	
mORF+_1184126	1184126	1184203	+	2	78	GTG	TGA	0	0	
mORF+_1184134	1184134	1184175	+	1	42	TTG	TGA	0	0	
mORF+_1184184	1184184	1184222	+	3	39	GTG	TAA	0	0	
mORF+_1184200	1184200	1184241	+	1	42	GTG	TAA	0	0	
mORF+_1184222	1184222	1184281	+	2	60	ATG	TAA	0	0	
mORF+_1184263	1184263	1184292	+	1	30	TTG	TGA	0	0	
mORF+_1184324	1184324	1184365	+	2	42	TTG	TGA	0	0	
mORF+_1184356	1184356	1184775	+	1	420	TTG	TGA	0	0	
mORF+_1184387	1184387	1184395	+	2	9	TTG	TGA	0	0	
mORF+_1184471	1184471	1184527	+	2	57	ATG	TAG	0	0	
mORF+_1184520	1184520	1184576	+	3	57	GTG	TGA	0	0	
mORF+_1184540	1184540	1184551	+	2	12	GTG	TAG	0	0	
mORF+_1184573	1184573	1184821	+	2	249	GTG	TAA	0	0	
mORF+_1184646	1184646	1184681	+	3	36	TTG	TGA	0	0	
mORF+_1184772	1184772	1184879	+	3	108	GTG	TAA	0	0	
mORF+_1184788	1184788	1184931	+	1	144	TTG	TGA	0	0	
mORF+_1184831	1184831	1184860	+	2	30	ATG	TAA	0	0	
mORF+_1184879	1184879	1184911	+	2	33	ATG	TGA	0	0	
mORF+_1184928	1184928	1185035	+	3	108	GTG	TAA	0	0	
mORF+_1184984	1184984	1184995	+	2	12	TTG	TAA	0	0	
mORF+_1184998	1184998	1185006	+	1	9	GTG	TGA	0	0	
mORF+_1185025	1185025	1186293	+	1	1269	TTG	TAA	26	149	pORF+_1185025
mORF+_1185038	1185038	1185094	+	2	57	ATG	TGA	0	0	
mORF+_1185159	1185159	1185227	+	3	69	ATG	TGA	0	0	
mORF+_1185212	1185212	1185217	+	2	6	ATG	TGA	0	0	
mORF+_1185224	1185224	1185241	+	2	18	GTG	TGA	0	0	
mORF+_1185284	1185284	1185337	+	2	54	TTG	TGA	0	0	
mORF+_1185318	1185318	1185353	+	3	36	TTG	TGA	0	0	
mORF+_1185347	1185347	1185451	+	2	105	TTG	TGA	0	0	
mORF+_1185461	1185461	1185478	+	2	18	ATG	TAG	0	0	
mORF+_1185479	1185479	1185514	+	2	36	GTG	TGA	0	0	
mORF+_1185551	1185551	1185667	+	2	117	ATG	TAG	0	0	
mORF+_1185680	1185680	1185757	+	2	78	TTG	TGA	0	0	
mORF+_1185764	1185764	1185826	+	2	63	ATG	TGA	0	0	
mORF+_1185836	1185836	1185865	+	2	30	ATG	TGA	0	0	
mORF+_1185875	1185875	1185949	+	2	75	TTG	TGA	0	0	

mORF+_1185990	1185990	1186001	+	3	12	TTG	TGA	0	0
mORF+_1185998	1185998	1186009	+	2	12	TTG	TGA	0	0
mORF+_1186010	1186010	1186114	+	2	105	TTG	TGA	0	0
mORF+_1186092	1186092	1186103	+	3	12	TTG	TGA	0	0
mORF+_1186127	1186127	1186222	+	2	96	GTG	TGA	0	0
mORF+_1186167	1186167	1186208	+	3	42	GTG	TAA	0	0
mORF+_1186265	1186265	1186276	+	2	12	TTG	TAA	0	0
mORF+_1186304	1186304	1186333	+	2	30	ATG	TAA	0	0
mORF+_1186311	1186311	1186316	+	3	6	ATG	TGA	0	0
mORF+_1186370	1186370	1186585	+	2	216	TTG	TAG	0	0
mORF+_1186398	1186398	1186652	+	3	255	ATG	TAA	0	0
mORF+_1186477	1186477	1186641	+	1	165	GTG	TGA	0	0
mORF+_1186666	1186666	1186986	+	1	321	TTG	TAA	0	0
mORF+_1186688	1186688	1186753	+	2	66	TTG	TGA	0	0
mORF+_1186761	1186761	1186832	+	3	72	GTG	TAA	0	0
mORF+_1186787	1186787	1186816	+	2	30	TTG	TAA	0	0
mORF+_1186848	1186848	1186961	+	3	114	TTG	TGA	0	0
mORF+_1186958	1186958	1187062	+	2	105	ATG	TGA	0	0
mORF+_1186996	1186996	1187157	+	1	162	ATG	TAG	0	0
mORF+_1186998	1186998	1187066	+	3	69	GTG	TGA	0	0
mORF+_1187063	1187063	1187083	+	2	21	ATG	TGA	0	0
mORF+_1187194	1187194	1187223	+	1	30	ATG	TAA	0	0
mORF+_1187223	1187223	1187276	+	3	54	ATG	TGA	0	0
mORF+_1187231	1187231	1187248	+	2	18	TTG	TGA	0	0
mORF+_1187245	1187245	1187394	+	1	150	ATG	TAA	0	0
mORF+_1187285	1187285	1187299	+	2	15	TTG	TGA	0	0
mORF+_1187416	1187416	1187502	+	1	87	GTG	TAA	0	0
mORF+_1187447	1187447	1187518	+	2	72	GTG	TAA	0	0
mORF+_1187506	1187506	1187688	+	1	183	ATG	TAA	0	0
mORF+_1187522	1187522	1187704	+	2	183	GTG	TGA	0	0
mORF+_1187529	1187529	1187645	+	3	117	ATG	TGA	0	0
mORF+_1187701	1187701	1187736	+	1	36	TTG	TAA	0	0
mORF+_1187717	1187717	1187773	+	2	57	ATG	TAG	0	0
mORF+_1187736	1187736	1187891	+	3	156	ATG	TGA	0	0
mORF+_1187776	1187776	1187955	+	1	180	ATG	TGA	0	0
mORF+_1187846	1187846	1187935	+	2	90	TTG	TGA	0	0
mORF+_1187942	1187942	1188040	+	2	99	TTG	TAG	0	0
mORF+_1187973	1187973	1188002	+	3	30	GTG	TGA	0	0
mORF+_1187986	1187986	1188057	+	1	72	ATG	TGA	0	0
mORF+_1188006	1188006	1188068	+	3	63	ATG	TGA	0	0
mORF+_1188059	1188059	1188208	+	2	150	ATG	TAA	0	0
mORF+_1188070	1188070	1188228	+	1	159	TTG	TAA	0	0
mORF+_1188153	1188153	1188185	+	3	33	GTG	TGA	0	0
mORF+_1188270	1188270	1188284	+	3	15	TTG	TGA	0	0
mORF+_1188272	1188272	1188412	+	2	141	GTG	TAG	0	0
mORF+_1188298	1188298	1188348	+	1	51	ATG	TAA	0	0
mORF+_1188324	1188324	1188416	+	3	93	TTG	TAA	0	0
mORF+_1188458	1188458	1188511	+	2	54	ATG	TAG	0	0
mORF+_1188486	1188486	1188623	+	3	138	TTG	TAA	0	0
mORF+_1188529	1188529	1188714	+	1	186	GTG	TAA	0	0
mORF+_1188746	1188746	1188823	+	2	78	ATG	TAG	0	0
mORF+_1188757	1188757	1188780	+	1	24	TTG	TAA	0	0
mORF+_1188787	1188787	1188846	+	1	60	ATG	TAA	0	0
mORF+_1188830	1188830	1188883	+	2	54	TTG	TAA	0	0
mORF+_1188939	1188939	1189151	+	3	213	TTG	TAA	0	0
mORF+_1189036	1189036	1189068	+	1	33	GTG	TGA	0	0
mORF+_1189061	1189061	1189165	+	2	105	GTG	TGA	0	0
mORF+_1189075	1189075	1189137	+	1	63	TTG	TAG	0	0
mORF+_1189159	1189159	1189275	+	1	117	TTG	TGA	0	0
mORF+_1189291	1189291	1189362	+	1	72	ATG	TGA	0	0
mORF+_1189298	1189298	1189372	+	2	75	GTG	TAG	0	0
mORF+_1189359	1189359	1189400	+	3	42	ATG	TAA	0	0
mORF+_1189411	1189411	1189557	+	1	147	TTG	TAA	0	0

mORF+_1189454	1189454	1189552	+	2	99	GTG	TGA	0	0
mORF+_1189542	1189542	1189637	+	3	96	ATG	TAA	0	0
mORF+_1189570	1189570	1189596	+	1	27	TTG	TGA	0	0
mORF+_1189645	1189645	1189698	+	1	54	TTG	TAA	0	0
mORF+_1189703	1189703	1189708	+	2	6	GTG	TAA	0	0
mORF+_1189716	1189716	1189733	+	3	18	ATG	TAA	0	0
mORF+_1189718	1189718	1189744	+	2	27	GTG	TAA	0	0
mORF+_1189767	1189767	1189778	+	3	12	GTG	TAA	0	0
mORF+_1189861	1189861	1189881	+	1	21	GTG	TAG	0	0
mORF+_1189954	1189954	1190025	+	1	72	ATG	TAG	0	0
mORF+_1190045	1190045	1190191	+	2	147	TTG	TAG	0	0
mORF+_1190068	1190068	1190073	+	1	6	TTG	TGA	0	0
mORF+_1190070	1190070	1190678	+	3	609	GTG	TGA	0	0
mORF+_1190113	1190113	1190139	+	1	27	TTG	TGA	0	0
mORF+_1190230	1190230	1190379	+	1	150	TTG	TAA	0	0
mORF+_1190234	1190234	1190305	+	2	72	TTG	TAA	0	0
mORF+_1190413	1190413	1190454	+	1	42	GTG	TAG	0	0
mORF+_1190473	1190473	1190493	+	1	21	GTG	TGA	0	0
mORF+_1190506	1190506	1190529	+	1	24	GTG	TGA	0	0
mORF+_1190557	1190557	1190571	+	1	15	ATG	TAG	0	0
mORF+_1190587	1190587	1190646	+	1	60	TTG	TAG	0	0
mORF+_1190654	1190654	1190749	+	2	96	TTG	TAA	0	0
mORF+_1190671	1190671	1190694	+	1	24	ATG	TGA	0	0
mORF+_1190697	1190697	1190813	+	3	117	GTG	TAA	0	0
mORF+_1190749	1190749	1190766	+	1	18	ATG	TGA	0	0
mORF+_1190774	1190774	1190833	+	2	60	ATG	TGA	0	0
mORF+_1190817	1190817	1191197	+	3	381	GTG	TGA	0	0
mORF+_1190830	1190830	1191015	+	1	186	TTG	TAA	0	0
mORF+_1191002	1191002	1191052	+	2	51	TTG	TGA	0	0
mORF+_1191049	1191049	1191165	+	1	117	TTG	TAG	0	0
mORF+_1191194	1191194	1191211	+	2	18	GTG	TAG	0	0
mORF+_1191231	1191231	1191482	+	3	252	ATG	TAA	0	0
mORF+_1191248	1191248	1191403	+	2	156	TTG	TGA	0	0
mORF+_1191256	1191256	1191408	+	1	153	GTG	TGA	0	0
mORF+_1191409	1191409	1191444	+	1	36	ATG	TAG	0	0
mORF+_1191489	1191489	1191554	+	3	66	GTG	TGA	0	0
mORF+_1191514	1191514	1191594	+	1	81	TTG	TAG	0	0
mORF+_1191587	1191587	1191637	+	2	51	GTG	TGA	0	0
mORF+_1191634	1191634	1191777	+	1	144	TTG	TGA	0	0
mORF+_1191737	1191737	1191832	+	2	96	GTG	TGA	0	0
mORF+_1191744	1191744	1191749	+	3	6	GTG	TAG	0	0
mORF+_1191765	1191765	1191953	+	3	189	ATG	TAG	0	0
mORF+_1191829	1191829	1191840	+	1	12	GTG	TAG	0	0
mORF+_1191848	1191848	1191880	+	2	33	TTG	TAA	0	0
mORF+_1191868	1191868	1191876	+	1	9	TTG	TAA	0	0
mORF+_1192011	1192011	1192064	+	3	54	ATG	TAG	0	0
mORF+_1192077	1192077	1192175	+	3	99	GTG	TGA	0	0
mORF+_1192099	1192099	1192332	+	1	234	ATG	TAA	0	0
mORF+_1192118	1192118	1192642	+	2	525	GTG	TAA	0	0
mORF+_1192188	1192188	1192274	+	3	87	ATG	TGA	0	0
mORF+_1192281	1192281	1192286	+	3	6	GTG	TGA	0	0
mORF+_1192332	1192332	1192361	+	3	30	ATG	TAA	0	0
mORF+_1192395	1192395	1192532	+	3	138	ATG	TAA	0	0
mORF+_1192554	1192554	1192613	+	3	60	TTG	TAA	0	0
mORF+_1192677	1192677	1192907	+	3	231	TTG	TGA	0	0
mORF+_1192787	1192787	1193053	+	2	267	GTG	TAG	0	0
mORF+_1192962	1192962	1193057	+	3	96	ATG	TGA	0	0
mORF+_1192981	1192981	1193016	+	1	36	TTG	TGA	0	0
mORF+_1193054	1193054	1193107	+	2	54	ATG	TAA	0	0
mORF+_1193064	1193064	1193069	+	3	6	TTG	TAA	0	0
mORF+_1193110	1193110	1193166	+	1	57	TTG	TGA	0	0
mORF+_1193163	1193163	1193192	+	3	30	TTG	TGA	0	0
mORF+_1193221	1193221	1193382	+	1	162	ATG	TAA	0	0

mORF+_1193255	1193255	1193305	+	2	51	ATG	TGA	0	0	
mORF+_1193339	1193339	1193524	+	2	186	ATG	TAA	0	0	
mORF+_1193401	1193401	1193424	+	1	24	ATG	TAA	0	0	
mORF+_1193473	1193473	1193661	+	1	189	GTG	TAA	0	0	
mORF+_1193549	1193549	1193572	+	2	24	TTG	TAA	0	0	
mORF+_1193603	1193603	1193848	+	2	246	GTG	TAA	0	0	
mORF+_1193706	1193706	1193771	+	3	66	TTG	TAG	0	0	
mORF+_1193811	1193811	1193978	+	3	168	GTG	TGA	0	0	
mORF+_1193818	1193818	1193883	+	1	66	TTG	TAA	0	0	
mORF+_1193861	1193861	1193959	+	2	99	GTG	TAA	0	0	
mORF+_1193975	1193975	1194034	+	2	60	ATG	TAG	0	0	
mORF+_1193988	1193988	1194014	+	3	27	ATG	TGA	0	0	
mORF+_1194041	1194041	1194121	+	2	81	TTG	TGA	0	0	
mORF+_1194094	1194094	1194216	+	1	123	TTG	TAG	0	0	
mORF+_1194143	1194143	1194184	+	2	42	ATG	TAA	0	0	
mORF+_1194200	1194200	1194265	+	2	66	ATG	TAA	0	0	
mORF+_1194295	1194295	1194327	+	1	33	ATG	TAG	0	0	
mORF+_1194302	1194302	1194361	+	2	60	GTG	TAG	0	0	
mORF+_1194342	1194342	1194356	+	3	15	GTG	TAA	0	0	
mORF+_1194346	1194346	1195596	+	1	1251	ATG	TAA	227	11876	pORF+_1194346
mORF+_1194362	1194362	1194463	+	2	102	TTG	TAG	0	0	
mORF+_1194464	1194464	1194469	+	2	6	ATG	TAA	0	0	
mORF+_1194557	1194557	1194619	+	2	63	GTG	TGA	0	0	
mORF+_1194623	1194623	1194655	+	2	33	GTG	TGA	0	0	
mORF+_1194665	1194665	1194688	+	2	24	TTG	TGA	0	0	
mORF+_1194692	1194692	1194784	+	2	93	TTG	TGA	0	0	
mORF+_1194803	1194803	1194871	+	2	69	GTG	TGA	0	0	
mORF+_1194837	1194837	1194875	+	3	39	ATG	TAA	0	0	
mORF+_1194884	1194884	1194901	+	2	18	GTG	TGA	0	0	
mORF+_1194924	1194924	1194941	+	3	18	TTG	TAA	0	0	
mORF+_1194926	1194926	1195021	+	2	96	GTG	TGA	0	0	
mORF+_1194945	1194945	1195004	+	3	60	GTG	TAA	0	0	
mORF+_1195094	1195094	1195117	+	2	24	GTG	TGA	0	0	
mORF+_1195124	1195124	1195138	+	2	15	GTG	TGA	0	0	
mORF+_1195131	1195131	1195145	+	3	15	GTG	TAA	0	0	
mORF+_1195187	1195187	1195252	+	2	66	TTG	TGA	0	0	
mORF+_1195262	1195262	1195399	+	2	138	GTG	TAA	0	0	
mORF+_1195338	1195338	1195352	+	3	15	ATG	TGA	0	0	
mORF+_1195449	1195449	1195466	+	3	18	TTG	TGA	0	0	
mORF+_1195472	1195472	1195513	+	2	42	TTG	TAA	0	0	
mORF+_1195517	1195517	1195534	+	2	18	ATG	TGA	0	0	
mORF+_1195538	1195538	1195555	+	2	18	ATG	TGA	0	0	
mORF+_1195557	1195557	1195574	+	3	18	ATG	TGA	0	0	
mORF+_1195568	1195568	1195612	+	2	45	TTG	TAA	0	0	
mORF+_1195596	1195596	1195604	+	3	9	ATG	TAG	0	0	
mORF+_1195606	1195606	1195632	+	1	27	TTG	TAA	0	0	
mORF+_1195641	1195641	1195709	+	3	69	TTG	TAG	0	0	
mORF+_1195648	1195648	1195662	+	1	15	TTG	TAA	0	0	
mORF+_1195712	1195712	1195720	+	2	9	TTG	TAG	0	0	
mORF+_1195734	1195734	1195775	+	3	42	GTG	TAG	0	0	
mORF+_1195786	1195786	1195806	+	1	21	TTG	TAA	0	0	
mORF+_1195822	1195822	1195878	+	1	57	TTG	TGA	0	0	
mORF+_1195875	1195875	1195913	+	3	39	ATG	TAA	0	0	
mORF+_1195907	1195907	1195990	+	2	84	TTG	TAG	0	0	
mORF+_1195915	1195915	1196118	+	1	204	TTG	TGA	0	0	
mORF+_1196009	1196009	1196014	+	2	6	ATG	TAA	0	0	
mORF+_1196115	1196115	1196213	+	3	99	GTG	TAG	0	0	
mORF+_1196122	1196122	1196283	+	1	162	ATG	TGA	0	0	
mORF+_1196165	1196165	1196170	+	2	6	ATG	TGA	0	0	
mORF+_1196183	1196183	1196206	+	2	24	TTG	TAA	0	0	
mORF+_1196235	1196235	1196240	+	3	6	TTG	TAA	0	0	
mORF+_1196241	1196241	1196252	+	3	12	ATG	TAA	0	0	
mORF+_1196255	1196255	1196290	+	2	36	ATG	TGA	0	0	

mORF_+_1196280	1196280	1196303	+	3	24	TTG	TGA	0	0
mORF_+_1196287	1196287	1196313	+	1	27	ATG	TAA	0	0
mORF_+_1196300	1196300	1196329	+	2	30	TTG	TGA	0	0
mORF_+_1196343	1196343	1196423	+	3	81	TTG	TAA	0	0
mORF_+_1196368	1196368	1196403	+	1	36	TTG	TAG	0	0
mORF_+_1196436	1196436	1196477	+	3	42	TTG	TAA	0	0
mORF_+_1196464	1196464	1196499	+	1	36	TTG	TAA	0	0
mORF_+_1196525	1196525	1196557	+	2	33	TTG	TAG	0	0
mORF_+_1196630	1196630	1196710	+	2	81	GTG	TGA	0	0
mORF_+_1196646	1196646	1196690	+	3	45	ATG	TGA	0	0
mORF_+_1196695	1196695	1196721	+	1	27	TTG	TAA	0	0
mORF_+_1196726	1196726	1196869	+	2	144	GTG	TGA	0	0
mORF_+_1196763	1196763	1196819	+	3	57	ATG	TGA	0	0
mORF_+_1196872	1196872	1197120	+	1	249	ATG	TGA	0	0
mORF_+_1196918	1196918	1196956	+	2	39	ATG	TAG	0	0
mORF_+_1196937	1196937	1197005	+	3	69	TTG	TAG	0	0
mORF_+_1197035	1197035	1197073	+	2	39	ATG	TAG	0	0
mORF_+_1197039	1197039	1197068	+	3	30	TTG	TAA	0	0
mORF_+_1197075	1197075	1197092	+	3	18	TTG	TGA	0	0
mORF_+_1197089	1197089	1197109	+	2	21	GTG	TAA	0	0
mORF_+_1197117	1197117	1197299	+	3	183	TTG	TGA	0	0
mORF_+_1197133	1197133	1197150	+	1	18	GTG	TAA	0	0
mORF_+_1197155	1197155	1197187	+	2	33	ATG	TAG	0	0
mORF_+_1197203	1197203	1197208	+	2	6	ATG	TAG	0	0
mORF_+_1197232	1197232	1197285	+	1	54	ATG	TAA	0	0
mORF_+_1197296	1197296	1197331	+	2	36	ATG	TAA	0	0
mORF_+_1197310	1197310	1197360	+	1	51	GTG	TAA	0	0
mORF_+_1197321	1197321	1197356	+	3	36	TTG	TAA	0	0
mORF_+_1197369	1197369	1197407	+	3	39	ATG	TGA	0	0
mORF_+_1197397	1197397	1197414	+	1	18	TTG	TAG	0	0
mORF_+_1197404	1197404	1197481	+	2	78	ATG	TAG	0	0
mORF_+_1197435	1197435	1197464	+	3	30	TTG	TGA	0	0
mORF_+_1197481	1197481	1197486	+	1	6	GTG	TAA	0	0
mORF_+_1197486	1197486	1197503	+	3	18	ATG	TAA	0	0
mORF_+_1197504	1197504	1197527	+	3	24	GTG	TAG	0	0
mORF_+_1197543	1197543	1197566	+	3	24	TTG	TAG	0	0
mORF_+_1197585	1197585	1197590	+	3	6	TTG	TGA	0	0
mORF_+_1197587	1197587	1197631	+	2	45	GTG	TGA	0	0
mORF_+_1197628	1197628	1197669	+	1	42	TTG	TAA	0	0
mORF_+_1197638	1197638	1197649	+	2	12	GTG	TGA	0	0
mORF_+_1197669	1197669	1197677	+	3	9	ATG	TAA	0	0
mORF_+_1197677	1197677	1197685	+	2	9	ATG	TGA	0	0
mORF_+_1197682	1197682	1197693	+	1	12	ATG	TGA	0	0
mORF_+_1197690	1197690	1197701	+	3	12	ATG	TGA	0	0
mORF_+_1197698	1197698	1197709	+	2	12	ATG	TGA	0	0
mORF_+_1197706	1197706	1197717	+	1	12	ATG	TGA	0	0
mORF_+_1197714	1197714	1197725	+	3	12	ATG	TGA	0	0
mORF_+_1197722	1197722	1197838	+	2	117	ATG	TAG	0	0
mORF_+_1197733	1197733	1197777	+	1	45	GTG	TAA	0	0
mORF_+_1197750	1197750	1197860	+	3	111	ATG	TGA	0	0
mORF_+_1197787	1197787	1197798	+	1	12	GTG	TAG	0	0
mORF_+_1197875	1197875	1197904	+	2	30	TTG	TAG	0	0
mORF_+_1197918	1197918	1198811	+	3	894	ATG	TGA	0	0
mORF_+_1197932	1197932	1197955	+	2	24	TTG	TAA	0	0
mORF_+_1197973	1197973	1198008	+	1	36	TTG	TAG	0	0
mORF_+_1198009	1198009	1198029	+	1	21	TTG	TAA	0	0
mORF_+_1198036	1198036	1198041	+	1	6	TTG	TGA	0	0
mORF_+_1198042	1198042	1198101	+	1	60	GTG	TAG	0	0
mORF_+_1198120	1198120	1198212	+	1	93	TTG	TAA	0	0
mORF_+_1198130	1198130	1198192	+	2	63	TTG	TAA	0	0
mORF_+_1198240	1198240	1198404	+	1	165	ATG	TAA	0	0
mORF_+_1198253	1198253	1198300	+	2	48	ATG	TAA	0	0
mORF_+_1198304	1198304	1198357	+	2	54	ATG	TAG	0	0

mORF+_1198370	1198370	1198399	+	2	30	TTG	TGA	0	0	
mORF+_1198408	1198408	1198497	+	1	90	ATG	TAG	0	0	
mORF+_1198487	1198487	1198510	+	2	24	ATG	TGA	0	0	
mORF+_1198507	1198507	1198527	+	1	21	ATG	TAA	0	0	
mORF+_1198534	1198534	1198578	+	1	45	GTG	TAG	0	0	
mORF+_1198562	1198562	1198585	+	2	24	TTG	TGA	0	0	
mORF+_1198582	1198582	1198677	+	1	96	TTG	TGA	0	0	
mORF+_1198649	1198649	1198669	+	2	21	ATG	TGA	0	0	
mORF+_1198678	1198678	1198698	+	1	21	TTG	TGA	0	0	
mORF+_1198688	1198688	1198774	+	2	87	ATG	TGA	0	0	
mORF+_1198717	1198717	1198737	+	1	21	ATG	TGA	0	0	
mORF+_1198744	1198744	1198770	+	1	27	ATG	TAG	0	0	
mORF+_1198771	1198771	1198944	+	1	174	GTG	TGA	0	0	
mORF+_1198860	1198860	1198868	+	3	9	GTG	TGA	0	0	
mORF+_1198865	1198865	1198888	+	2	24	GTG	TGA	0	0	
mORF+_1198890	1198890	1198982	+	3	93	ATG	TAG	0	0	
mORF+_1198964	1198964	1199101	+	2	138	GTG	TAA	0	0	
mORF+_1198986	1198986	1198997	+	3	12	TTG	TAA	0	0	
mORF+_1198990	1198990	1199196	+	1	207	GTG	TAG	0	0	
mORF+_1199034	1199034	1199057	+	3	24	TTG	TGA	0	0	
mORF+_1199114	1199114	1199128	+	2	15	ATG	TAA	0	0	
mORF+_1199148	1199148	1199153	+	3	6	TTG	TGA	0	0	
mORF+_1199150	1199150	1199188	+	2	39	GTG	TGA	0	0	
mORF+_1199169	1199169	1199177	+	3	9	ATG	TAA	0	0	
mORF+_1199242	1199242	1199292	+	1	51	TTG	TGA	0	0	
mORF+_1199264	1199264	1199296	+	2	33	TTG	TGA	0	0	
mORF+_1199293	1199293	1199301	+	1	9	ATG	TGA	0	0	
mORF+_1199298	1199298	1199351	+	3	54	ATG	TAA	0	0	
mORF+_1199380	1199380	1199397	+	1	18	ATG	TAA	0	0	
mORF+_1199400	1199400	1199492	+	3	93	ATG	TAA	0	0	
mORF+_1199474	1199474	1199485	+	2	12	TTG	TAG	0	0	
mORF+_1199485	1199485	1199505	+	1	21	GTG	TAG	0	0	
mORF+_1199492	1199492	1199542	+	2	51	ATG	TGA	0	0	
mORF+_1199526	1199526	1199645	+	3	120	GTG	TGA	0	0	
mORF+_1199539	1199539	1199706	+	1	168	TTG	TAG	0	0	
mORF+_1199573	1199573	1199632	+	2	60	GTG	TGA	0	0	
mORF+_1199697	1199697	1199768	+	3	72	TTG	TAA	0	0	
mORF+_1199707	1199707	1199757	+	1	51	GTG	TGA	0	0	
mORF+_1199774	1199774	1199785	+	2	12	TTG	TGA	0	0	
mORF+_1199782	1199782	1199952	+	1	171	GTG	TAG	0	0	
mORF+_1199804	1199804	1199821	+	2	18	TTG	TGA	0	0	
mORF+_1199844	1199844	1199987	+	3	144	TTG	TAA	0	0	
mORF+_1199900	1199900	1199992	+	2	93	TTG	TAG	0	0	
mORF+_1200043	1200043	1200054	+	1	12	TTG	TAA	0	0	
mORF+_1200054	1200054	1200071	+	3	18	ATG	TGA	0	0	
mORF+_1200068	1200068	1200175	+	2	108	TTG	TAA	1	15	pORF+_1200068
mORF+_1200078	1200078	1200170	+	3	93	GTG	TAG	0	0	
mORF+_1200133	1200133	1200159	+	1	27	TTG	TAA	0	0	
mORF+_1200183	1200183	1200281	+	3	99	ATG	TAA	0	0	
mORF+_1200185	1200185	1200250	+	2	66	GTG	TGA	0	0	
mORF+_1200247	1200247	1200321	+	1	75	TTG	TAG	0	0	
mORF+_1200350	1200350	1200589	+	2	240	GTG	TGA	0	0	
mORF+_1200414	1200414	1200419	+	3	6	TTG	TAA	0	0	
mORF+_1200487	1200487	1200720	+	1	234	GTG	TAA	0	0	
mORF+_1200644	1200644	1200754	+	2	111	ATG	TGA	0	0	
mORF+_1200675	1200675	1201061	+	3	387	GTG	TAA	0	0	
mORF+_1200733	1200733	1200792	+	1	60	ATG	TAA	0	0	
mORF+_1200901	1200901	1201002	+	1	102	TTG	TAG	0	0	
mORF+_1200977	1200977	1201009	+	2	33	ATG	TAA	0	0	
mORF+_1201003	1201003	1201083	+	1	81	TTG	TGA	0	0	
mORF+_1201073	1201073	1201126	+	2	54	TTG	TGA	0	0	
mORF+_1201080	1201080	1201190	+	3	111	GTG	TAA	0	0	
mORF+_1201108	1201108	1201323	+	1	216	TTG	TGA	0	0	

mORF_+_1201127	1201127	1201135	+	2	9	GTG	TAG	0	0
mORF_+_1201190	1201190	1201258	+	2	69	ATG	TAG	0	0
mORF_+_1201274	1201274	1201336	+	2	63	ATG	TAA	0	0
mORF_+_1201284	1201284	1201448	+	3	165	ATG	TAA	0	0
mORF_+_1201378	1201378	1201485	+	1	108	GTG	TAG	0	0
mORF_+_1201418	1201418	1201474	+	2	57	ATG	TAA	0	0
mORF_+_1201478	1201478	1201492	+	2	15	TTG	TGA	0	0
mORF_+_1201489	1201489	1201566	+	1	78	TTG	TAA	0	0
mORF_+_1201505	1201505	1201540	+	2	36	TTG	TAG	0	0
mORF_+_1201580	1201580	1201597	+	2	18	TTG	TGA	0	0
mORF_+_1201594	1201594	1201602	+	1	9	TTG	TAA	0	0
mORF_+_1201607	1201607	1201633	+	2	27	GTG	TGA	0	0
mORF_+_1201630	1201630	1201770	+	1	141	TTG	TAA	0	0
mORF_+_1201653	1201653	1201745	+	3	93	GTG	TGA	0	0
mORF_+_1201661	1201661	1201669	+	2	9	ATG	TAA	0	0
mORF_+_1201742	1201742	1201876	+	2	135	TTG	TGA	0	0
mORF_+_1201813	1201813	1201953	+	1	141	GTG	TGA	0	0
mORF_+_1201886	1201886	1201891	+	2	6	ATG	TGA	0	0
mORF_+_1201893	1201893	1201910	+	3	18	TTG	TGA	0	0
mORF_+_1201907	1201907	1201930	+	2	24	TTG	TGA	0	0
mORF_+_1201937	1201937	1202023	+	2	87	TTG	TAG	0	0
mORF_+_1201944	1201944	1202447	+	3	504	GTG	TAG	0	0
mORF_+_1201990	1201990	1202184	+	1	195	ATG	TAA	0	0
mORF_+_1202057	1202057	1202077	+	2	21	TTG	TAG	0	0
mORF_+_1202147	1202147	1202158	+	2	12	TTG	TAA	0	0
mORF_+_1202197	1202197	1202250	+	1	54	TTG	TGA	0	0
mORF_+_1202216	1202216	1202221	+	2	6	ATG	TAA	0	0
mORF_+_1202243	1202243	1202350	+	2	108	TTG	TAA	0	0
mORF_+_1202305	1202305	1202421	+	1	117	TTG	TAA	0	0
mORF_+_1202479	1202479	1203048	+	1	570	ATG	TGA	0	0
mORF_+_1202529	1202529	1202585	+	3	57	GTG	TGA	0	0
mORF_+_1202573	1202573	1202608	+	2	36	GTG	TAA	0	0
mORF_+_1202636	1202636	1202866	+	2	231	GTG	TAG	0	0
mORF_+_1202667	1202667	1202714	+	3	48	ATG	TGA	0	0
mORF_+_1202876	1202876	1203151	+	2	276	ATG	TGA	0	0
mORF_+_1202958	1202958	1202975	+	3	18	TTG	TAA	0	0
mORF_+_1202988	1202988	1203041	+	3	54	GTG	TAA	0	0
mORF_+_1203045	1203045	1203383	+	3	339	ATG	TAG	0	0
mORF_+_1203085	1203085	1203138	+	1	54	TTG	TGA	0	0
mORF_+_1203139	1203139	1203165	+	1	27	ATG	TAA	0	0
mORF_+_1203175	1203175	1203237	+	1	63	TTG	TAA	0	0
mORF_+_1203182	1203182	1203196	+	2	15	GTG	TGA	0	0
mORF_+_1203224	1203224	1203403	+	2	180	TTG	TAA	0	0
mORF_+_1203283	1203283	1203330	+	1	48	TTG	TGA	0	0
mORF_+_1203337	1203337	1203369	+	1	33	ATG	TAA	0	0
mORF_+_1203393	1203393	1204760	+	3	1368	ATG	TAA	0	0
mORF_+_1203415	1203415	1203447	+	1	33	ATG	TGA	0	0
mORF_+_1203419	1203419	1203484	+	2	66	ATG	TGA	0	0
mORF_+_1203493	1203493	1203555	+	1	63	ATG	TGA	0	0
mORF_+_1203506	1203506	1203523	+	2	18	GTG	TGA	0	0
mORF_+_1203625	1203625	1203735	+	1	111	GTG	TGA	0	0
mORF_+_1203737	1203737	1203769	+	2	33	GTG	TGA	0	0
mORF_+_1203766	1203766	1203948	+	1	183	TTG	TAA	0	0
mORF_+_1203776	1203776	1203835	+	2	60	GTG	TGA	0	0
mORF_+_1203961	1203961	1204053	+	1	93	GTG	TGA	0	0
mORF_+_1204087	1204087	1204149	+	1	63	TTG	TGA	0	0
mORF_+_1204109	1204109	1204126	+	2	18	GTG	TGA	0	0
mORF_+_1204180	1204180	1204314	+	1	135	TTG	TGA	0	0
mORF_+_1204292	1204292	1204396	+	2	105	ATG	TGA	0	0
mORF_+_1204324	1204324	1204458	+	1	135	ATG	TGA	0	0
mORF_+_1204525	1204525	1204566	+	1	42	TTG	TGA	0	0
mORF_+_1204571	1204571	1204609	+	2	39	GTG	TAA	0	0
mORF_+_1204612	1204612	1204623	+	1	12	ATG	TGA	0	0

mORF_+_1204657	1204657	1204674	+	1	18	ATG	TGA	0	0	
mORF_+_1204684	1204684	1204764	+	1	81	TTG	TGA	0	0	
mORF_+_1204772	1204772	1204954	+	2	183	ATG	TAG	0	0	
mORF_+_1204812	1204812	1204844	+	3	33	GTG	TGA	0	0	
mORF_+_1204863	1204863	1204988	+	3	126	TTG	TGA	0	0	
mORF_+_1204882	1204882	1204950	+	1	69	GTG	TAA	0	0	
mORF_+_1204954	1204954	1205427	+	1	474	GTG	TGA	0	0	
mORF_+_1204985	1204985	1204999	+	2	15	GTG	TGA	0	0	
mORF_+_1205021	1205021	1205089	+	2	69	ATG	TGA	0	0	
mORF_+_1205225	1205225	1205236	+	2	12	ATG	TGA	0	0	
mORF_+_1205274	1205274	1205330	+	3	57	GTG	TGA	0	0	
mORF_+_1205315	1205315	1206145	+	2	831	TTG	TGA	1	6	pORF_+_1205315
mORF_+_1205376	1205376	1205393	+	3	18	GTG	TGA	0	0	
mORF_+_1205409	1205409	1205543	+	3	135	GTG	TAA	0	0	
mORF_+_1205562	1205562	1205597	+	3	36	ATG	TGA	0	0	
mORF_+_1205607	1205607	1205750	+	3	144	TTG	TGA	0	0	
mORF_+_1205629	1205629	1205649	+	1	21	GTG	TGA	0	0	
mORF_+_1205731	1205731	1205790	+	1	60	ATG	TGA	0	0	
mORF_+_1205769	1205769	1205774	+	3	6	GTG	TGA	0	0	
mORF_+_1205778	1205778	1205795	+	3	18	TTG	TGA	0	0	
mORF_+_1205880	1205880	1205927	+	3	48	ATG	TGA	0	0	
mORF_+_1205988	1205988	1206155	+	3	168	GTG	TGA	0	0	
mORF_+_1206136	1206136	1206720	+	1	585	ATG	TAA	1	2	pORF_+_1206136
mORF_+_1206152	1206152	1206244	+	2	93	ATG	TAA	0	0	
mORF_+_1206198	1206198	1206305	+	3	108	GTG	TGA	0	0	
mORF_+_1206248	1206248	1206274	+	2	27	GTG	TGA	0	0	
mORF_+_1206330	1206330	1206347	+	3	18	GTG	TGA	0	0	
mORF_+_1206344	1206344	1206538	+	2	195	ATG	TGA	0	0	
mORF_+_1206348	1206348	1206410	+	3	63	ATG	TAA	0	0	
mORF_+_1206539	1206539	1206604	+	2	66	ATG	TGA	0	0	
mORF_+_1206549	1206549	1206623	+	3	75	ATG	TGA	0	0	
mORF_+_1206608	1206608	1206700	+	2	93	GTG	TAA	0	0	
mORF_+_1206660	1206660	1206671	+	3	12	GTG	TAA	0	0	
mORF_+_1206724	1206724	1207353	+	1	630	ATG	TAA	0	0	
mORF_+_1206791	1206791	1206949	+	2	159	GTG	TAA	0	0	
mORF_+_1206864	1206864	1207106	+	3	243	TTG	TGA	0	0	
mORF_+_1206965	1206965	1207060	+	2	96	TTG	TAG	0	0	
mORF_+_1207094	1207094	1207117	+	2	24	TTG	TAA	0	0	
mORF_+_1207125	1207125	1207199	+	3	75	GTG	TAA	0	0	
mORF_+_1207136	1207136	1207768	+	2	633	ATG	TGA	0	0	
mORF_+_1207299	1207299	1207319	+	3	21	GTG	TAG	0	0	
mORF_+_1207369	1207369	1207428	+	1	60	TTG	TAA	0	0	
mORF_+_1207383	1207383	1207436	+	3	54	TTG	TAA	0	0	
mORF_+_1207536	1207536	1207661	+	3	126	ATG	TGA	0	0	
mORF_+_1207615	1207615	1207626	+	1	12	GTG	TAA	0	0	
mORF_+_1207675	1207675	1207710	+	1	36	GTG	TGA	0	0	
mORF_+_1207707	1207707	1207922	+	3	216	TTG	TGA	0	0	
mORF_+_1207735	1207735	1207815	+	1	81	ATG	TAA	0	0	
mORF_+_1207793	1207793	1207831	+	2	39	TTG	TAA	0	0	
mORF_+_1207838	1207838	1207894	+	2	57	TTG	TAA	0	0	
mORF_+_1207894	1207894	1208049	+	1	156	ATG	TAA	0	0	
mORF_+_1207904	1207904	1208029	+	2	126	TTG	TAG	0	0	
mORF_+_1207959	1207959	1208018	+	3	60	ATG	TAA	0	0	
mORF_+_1208033	1208033	1208065	+	2	33	TTG	TGA	0	0	
mORF_+_1208062	1208062	1208097	+	1	36	TTG	TAG	0	0	
mORF_+_1208072	1208072	1208140	+	2	69	TTG	TAA	0	0	
mORF_+_1208112	1208112	1208135	+	3	24	ATG	TGA	0	0	
mORF_+_1208159	1208159	1208290	+	2	132	TTG	TAA	0	0	
mORF_+_1208175	1208175	1208195	+	3	21	ATG	TAA	0	0	
mORF_+_1208212	1208212	1208277	+	1	66	ATG	TAG	0	0	
mORF_+_1208303	1208303	1208314	+	2	12	TTG	TAA	0	0	
mORF_+_1208330	1208330	1208395	+	2	66	TTG	TGA	0	0	
mORF_+_1208337	1208337	1208363	+	3	27	ATG	TAG	0	0	

mORF_+_1208368	1208368	1208439	+	1	72	ATG	TAA	0	0	
mORF_+_1208423	1208423	1208464	+	2	42	TTG	TAA	0	0	
mORF_+_1208476	1208476	1208493	+	1	18	TTG	TGA	0	0	
mORF_+_1208478	1208478	1208534	+	3	57	GTG	TAG	0	0	
mORF_+_1208545	1208545	1208625	+	1	81	TTG	TAG	0	0	
mORF_+_1208562	1208562	1208585	+	3	24	GTG	TGA	0	0	
mORF_+_1208582	1208582	1208620	+	2	39	ATG	TAA	0	0	
mORF_+_1208698	1208698	1208850	+	1	153	TTG	TGA	0	0	
mORF_+_1208754	1208754	1208864	+	3	111	TTG	TAA	0	0	
mORF_+_1208872	1208872	1209462	+	1	591	ATG	TAA	0	0	
mORF_+_1208915	1208915	1208974	+	2	60	TTG	TGA	0	0	
mORF_+_1208978	1208978	1208995	+	2	18	GTG	TGA	0	0	
mORF_+_1208985	1208985	1209002	+	3	18	ATG	TGA	0	0	
mORF_+_1208999	1208999	1209013	+	2	15	TTG	TAA	0	0	
mORF_+_1209071	1209071	1209178	+	2	108	GTG	TGA	0	0	
mORF_+_1209188	1209188	1209229	+	2	42	TTG	TGA	0	0	
mORF_+_1209233	1209233	1209262	+	2	30	GTG	TGA	0	0	
mORF_+_1209263	1209263	1209370	+	2	108	TTG	TAA	0	0	
mORF_+_1209348	1209348	1209413	+	3	66	ATG	TGA	0	0	
mORF_+_1209371	1209371	1209553	+	2	183	TTG	TGA	0	0	
mORF_+_1209478	1209478	1209495	+	1	18	GTG	TAA	0	0	
mORF_+_1209508	1209508	1209528	+	1	21	TTG	TAA	0	0	
mORF_+_1209537	1209537	1209545	+	3	9	TTG	TGA	0	0	
mORF_+_1209550	1209550	1209564	+	1	15	TTG	TAA	0	0	
mORF_+_1209569	1209569	1210402	+	2	834	ATG	TAA	0	0	
mORF_+_1209573	1209573	1209602	+	3	30	ATG	TGA	0	0	
mORF_+_1209610	1209610	1209624	+	1	15	GTG	TGA	0	0	
mORF_+_1209621	1209621	1209647	+	3	27	GTG	TAA	0	0	
mORF_+_1209651	1209651	1209749	+	3	99	TTG	TAG	0	0	
mORF_+_1209658	1209658	1209672	+	1	15	GTG	TGA	0	0	
mORF_+_1209795	1209795	1209833	+	3	39	ATG	TGA	0	0	
mORF_+_1209834	1209834	1209863	+	3	30	TTG	TGA	0	0	
mORF_+_1209868	1209868	1209891	+	1	24	GTG	TAG	0	0	
mORF_+_1209870	1209870	1209944	+	3	75	GTG	TGA	0	0	
mORF_+_1209948	1209948	1209989	+	3	42	ATG	TAA	0	0	
mORF_+_1209976	1209976	1210029	+	1	54	TTG	TGA	0	0	
mORF_+_1209993	1209993	1210043	+	3	51	GTG	TGA	0	0	
mORF_+_1210107	1210107	1210115	+	3	9	TTG	TAG	0	0	
mORF_+_1210134	1210134	1210154	+	3	21	ATG	TAA	0	0	
mORF_+_1210159	1210159	1210179	+	1	21	TTG	TAA	0	0	
mORF_+_1210186	1210186	1210191	+	1	6	ATG	TGA	0	0	
mORF_+_1210188	1210188	1210223	+	3	36	GTG	TAA	0	0	
mORF_+_1210224	1210224	1210259	+	3	36	ATG	TAA	0	0	
mORF_+_1210275	1210275	1210361	+	3	87	GTG	TAA	0	0	
mORF_+_1210309	1210309	1210326	+	1	18	TTG	TAG	0	0	
mORF_+_1210478	1210478	1210552	+	2	75	ATG	TAG	0	0	
mORF_+_1210542	1210542	1210568	+	3	27	ATG	TAA	0	0	
mORF_+_1210555	1210555	1210587	+	1	33	ATG	TAG	0	0	
mORF_+_1210568	1210568	1210624	+	2	57	ATG	TAG	0	0	
mORF_+_1210603	1210603	1210632	+	1	30	ATG	TAA	0	0	
mORF_+_1210636	1210636	1210800	+	1	165	ATG	TAA	41	3402	pORF_+_1210636
mORF_+_1210653	1210653	1210661	+	3	9	TTG	TGA	0	0	
mORF_+_1210676	1210676	1210717	+	2	42	TTG	TAA	0	0	
mORF_+_1210721	1210721	1210738	+	2	18	ATG	TGA	0	0	
mORF_+_1210761	1210761	1210778	+	3	18	ATG	TGA	0	0	
mORF_+_1210772	1210772	1210816	+	2	45	TTG	TAA	0	0	
mORF_+_1210810	1210810	1210836	+	1	27	GTG	TAA	0	0	
mORF_+_1210820	1210820	1210993	+	2	174	TTG	TGA	0	0	
mORF_+_1210845	1210845	1210871	+	3	27	TTG	TAA	0	0	
mORF_+_1210858	1210858	1210896	+	1	39	GTG	TGA	0	0	
mORF_+_1210893	1210893	1210910	+	3	18	ATG	TGA	0	0	
mORF_+_1210917	1210917	1210934	+	3	18	ATG	TAA	0	0	
mORF_+_1210945	1210945	1210950	+	1	6	ATG	TAA	0	0	

mORF_+_1210959	1210959	1211003	+	3	45	TTG	TGA	0	0
mORF_+_1210990	1210990	1211007	+	1	18	TTG	TAA	0	0
mORF_+_1211000	1211000	1211041	+	2	42	TTG	TGA	0	0
mORF_+_1211028	1211028	1211048	+	3	21	ATG	TAG	0	0
mORF_+_1211038	1211038	1211172	+	1	135	GTG	TGA	0	0
mORF_+_1211094	1211094	1211099	+	3	6	GTG	TAA	0	0
mORF_+_1211141	1211141	1211197	+	2	57	ATG	TGA	0	0
mORF_+_1211187	1211187	1211192	+	3	6	ATG	TAG	0	0
mORF_+_1211194	1211194	1211283	+	1	90	TTG	TGA	0	0
mORF_+_1211204	1211204	1211254	+	2	51	GTG	TAA	0	0
mORF_+_1211232	1211232	1211267	+	3	36	ATG	TAG	0	0
mORF_+_1211280	1211280	1211354	+	3	75	TTG	TAA	0	0
mORF_+_1211376	1211376	1211405	+	3	30	ATG	TGA	0	0
mORF_+_1211380	1211380	1211433	+	1	54	ATG	TAG	0	0
mORF_+_1211402	1211402	1211422	+	2	21	GTG	TGA	0	0
mORF_+_1211436	1211436	1211471	+	3	36	TTG	TGA	0	0
mORF_+_1211449	1211449	1211493	+	1	45	ATG	TAG	0	0
mORF_+_1211499	1211499	1211618	+	3	120	ATG	TAA	0	0
mORF_+_1211507	1211507	1211548	+	2	42	TTG	TAA	0	0
mORF_+_1211509	1211509	1211523	+	1	15	GTG	TAA	0	0
mORF_+_1211533	1211533	1211577	+	1	45	TTG	TGA	0	0
mORF_+_1211649	1211649	1211687	+	3	39	ATG	TGA	0	0
mORF_+_1211672	1211672	1211680	+	2	9	GTG	TAA	0	0
mORF_+_1211684	1211684	1211743	+	2	60	TTG	TAA	0	0
mORF_+_1211695	1211695	1211802	+	1	108	GTG	TGA	0	0
mORF_+_1211697	1211697	1211720	+	3	24	GTG	TAA	0	0
mORF_+_1211759	1211759	1211785	+	2	27	GTG	TGA	0	0
mORF_+_1211799	1211799	1211816	+	3	18	GTG	TGA	0	0
mORF_+_1211809	1211809	1211892	+	1	84	ATG	TGA	0	0
mORF_+_1211813	1211813	1211836	+	2	24	GTG	TAA	0	0
mORF_+_1211896	1211896	1211925	+	1	30	ATG	TAG	0	0
mORF_+_1211934	1211934	1212011	+	3	78	ATG	TAA	0	0
mORF_+_1211981	1211981	1211989	+	2	9	ATG	TAG	0	0
mORF_+_1211999	1211999	1212007	+	2	9	TTG	TGA	0	0
mORF_+_1212004	1212004	1212054	+	1	51	ATG	TGA	0	0
mORF_+_1212048	1212048	1212074	+	3	27	GTG	TAG	0	0
mORF_+_1212088	1212088	1212144	+	1	57	ATG	TAA	0	0
mORF_+_1212096	1212096	1212116	+	3	21	ATG	TAG	0	0
mORF_+_1212125	1212125	1212187	+	2	63	TTG	TGA	0	0
mORF_+_1212184	1212184	1212252	+	1	69	GTG	TAA	0	0
mORF_+_1212200	1212200	1212220	+	2	21	ATG	TAA	0	0
mORF_+_1212224	1212224	1212229	+	2	6	ATG	TAA	0	0
mORF_+_1212231	1212231	1212338	+	3	108	GTG	TAA	0	0
mORF_+_1212277	1212277	1212450	+	1	174	TTG	TGA	0	0
mORF_+_1212353	1212353	1212358	+	2	6	TTG	TGA	0	0
mORF_+_1212368	1212368	1212418	+	2	51	GTG	TGA	0	0
mORF_+_1212420	1212420	1212434	+	3	15	ATG	TGA	0	0
mORF_+_1212431	1212431	1212463	+	2	33	GTG	TGA	0	0
mORF_+_1212460	1212460	1212570	+	1	111	GTG	TGA	0	0
mORF_+_1212500	1212500	1212601	+	2	102	TTG	TAA	0	0
mORF_+_1212567	1212567	1212578	+	3	12	ATG	TAA	0	0
mORF_+_1212611	1212611	1212721	+	2	111	TTG	TGA	0	0
mORF_+_1212622	1212622	1212873	+	1	252	TTG	TAA	0	0
mORF_+_1212630	1212630	1212890	+	3	261	ATG	TGA	0	0
mORF_+_1212887	1212887	1212967	+	2	81	GTG	TGA	0	0
mORF_+_1212964	1212964	1212972	+	1	9	GTG	TAA	0	0
mORF_+_1212987	1212987	1213205	+	3	219	TTG	TAG	0	0
mORF_+_1213012	1213012	1213086	+	1	75	TTG	TAA	0	0
mORF_+_1213028	1213028	1213078	+	2	51	TTG	TAA	0	0
mORF_+_1213139	1213139	1213195	+	2	57	TTG	TAA	0	0
mORF_+_1213186	1213186	1213230	+	1	45	GTG	TGA	0	0
mORF_+_1213211	1213211	1213354	+	2	144	TTG	TAA	0	0
mORF_+_1213227	1213227	1213274	+	3	48	GTG	TAA	0	0

mORF_+_1213357	1213357	1213371	+	1	15	TTG	TAA	0	0	
mORF_+_1213389	1213389	1213460	+	3	72	TTG	TGA	0	0	
mORF_+_1213393	1213393	1213410	+	1	18	ATG	TAA	0	0	
mORF_+_1213412	1213412	1213420	+	2	9	GTG	TAA	0	0	
mORF_+_1213465	1213465	1213470	+	1	6	ATG	TGA	0	0	
mORF_+_1213467	1213467	1213556	+	3	90	GTG	TGA	0	0	
mORF_+_1213475	1213475	1213483	+	2	9	ATG	TGA	0	0	
mORF_+_1213477	1213477	1213533	+	1	57	GTG	TAG	0	0	
mORF_+_1213600	1213600	1213617	+	1	18	GTG	TAG	0	0	
mORF_+_1213625	1213625	1213639	+	2	15	TTG	TGA	0	0	
mORF_+_1213636	1213636	1213656	+	1	21	GTG	TGA	0	0	
mORF_+_1213653	1213653	1213664	+	3	12	ATG	TGA	0	0	
mORF_+_1213669	1213669	1213704	+	1	36	TTG	TAA	0	0	
mORF_+_1213691	1213691	1213747	+	2	57	ATG	TGA	0	0	
mORF_+_1213698	1213698	1213715	+	3	18	TTG	TGA	0	0	
mORF_+_1213744	1213744	1213800	+	1	57	GTG	TGA	0	0	
mORF_+_1213781	1213781	1213816	+	2	36	ATG	TAG	0	0	
mORF_+_1213854	1213854	1214057	+	3	204	ATG	TAG	0	0	
mORF_+_1213886	1213886	1213927	+	2	42	TTG	TAA	0	0	
mORF_+_1213978	1213978	1214022	+	1	45	TTG	TGA	0	0	
mORF_+_1214009	1214009	1214095	+	2	87	GTG	TGA	0	0	
mORF_+_1214023	1214023	1214043	+	1	21	ATG	TGA	0	0	
mORF_+_1214088	1214088	1214171	+	3	84	ATG	TGA	0	0	
mORF_+_1214095	1214095	1214166	+	1	72	ATG	TAG	0	0	
mORF_+_1214114	1214114	1214152	+	2	39	TTG	TAA	0	0	
mORF_+_1214168	1214168	1214200	+	2	33	ATG	TGA	0	0	
mORF_+_1214194	1214194	1214244	+	1	51	TTG	TAA	0	0	
mORF_+_1214281	1214281	1214508	+	1	228	TTG	TAG	0	0	
mORF_+_1214285	1214285	1214323	+	2	39	TTG	TAG	0	0	
mORF_+_1214358	1214358	1214459	+	3	102	GTG	TAA	0	0	
mORF_+_1214399	1214399	1214419	+	2	21	GTG	TAA	0	0	
mORF_+_1214486	1214486	1214581	+	2	96	GTG	TAA	0	0	
mORF_+_1214604	1214604	1214681	+	3	78	ATG	TAA	0	0	
mORF_+_1214617	1214617	1214649	+	1	33	TTG	TGA	0	0	
mORF_+_1214669	1214669	1214701	+	2	33	ATG	TAA	0	0	
mORF_+_1214688	1214688	1214714	+	3	27	GTG	TAA	0	0	
mORF_+_1214714	1214714	1214740	+	2	27	ATG	TAA	0	0	
mORF_+_1214718	1214718	1214732	+	3	15	GTG	TAA	0	0	
mORF_+_1214754	1214754	1214783	+	3	30	TTG	TAA	0	0	
mORF_+_1214756	1214756	1214770	+	2	15	GTG	TAA	0	0	
mORF_+_1214797	1214797	1214820	+	1	24	TTG	TGA	0	0	
mORF_+_1214807	1214807	1214827	+	2	21	ATG	TAG	0	0	
mORF_+_1214817	1214817	1214864	+	3	48	TTG	TGA	0	0	
mORF_+_1214828	1214828	1214848	+	2	21	TTG	TAG	0	0	
mORF_+_1214861	1214861	1214884	+	2	24	ATG	TAA	0	0	
mORF_+_1214871	1214871	1214906	+	3	36	ATG	TAG	0	0	
mORF_+_1214913	1214913	1214990	+	3	78	TTG	TAA	0	0	
mORF_+_1214959	1214959	1215030	+	1	72	TTG	TGA	0	0	
mORF_+_1215012	1215012	1215248	+	3	237	ATG	TAA	0	0	
mORF_+_1215064	1215064	1215114	+	1	51	TTG	TGA	0	0	
mORF_+_1215130	1215130	1215144	+	1	15	ATG	TGA	0	0	
mORF_+_1215158	1215158	1215220	+	2	63	TTG	TAA	0	0	
mORF_+_1215160	1215160	1215228	+	1	69	GTG	TAA	0	0	
mORF_+_1215229	1215229	1215261	+	1	33	TTG	TGA	0	0	
mORF_+_1215248	1215248	1215277	+	2	30	ATG	TAG	0	0	
mORF_+_1215280	1215280	1215294	+	1	15	ATG	TGA	0	0	
mORF_+_1215291	1215291	1215563	+	3	273	ATG	TAA	1	2	pORF_+_1215291
mORF_+_1215307	1215307	1215318	+	1	12	ATG	TAA	0	0	
mORF_+_1215322	1215322	1215363	+	1	42	ATG	TGA	0	0	
mORF_+_1215427	1215427	1215447	+	1	21	ATG	TAA	0	0	
mORF_+_1215448	1215448	1215459	+	1	12	TTG	TAA	0	0	
mORF_+_1215463	1215463	1215549	+	1	87	GTG	TAA	0	0	
mORF_+_1215579	1215579	1215599	+	3	21	ATG	TGA	0	0	

mORF_+_1215592	1215592	1215858	+	1	267	ATG	TAA	1	2	pORF_+_1215592
mORF_+_1215596	1215596	1215625	+	2	30	TTG	TAA	0	0	
mORF_+_1215731	1215731	1215757	+	2	27	ATG	TAA	0	0	
mORF_+_1215785	1215785	1215808	+	2	24	GTG	TGA	0	0	
mORF_+_1215848	1215848	1215865	+	2	18	ATG	TAA	0	0	
mORF_+_1215907	1215907	1215969	+	1	63	TTG	TGA	0	0	
mORF_+_1215944	1215944	1215952	+	2	9	TTG	TAA	0	0	
mORF_+_1215971	1215971	1216219	+	2	249	ATG	TAG	0	0	
mORF_+_1216006	1216006	1216020	+	1	15	ATG	TAA	0	0	
mORF_+_1216008	1216008	1216046	+	3	39	GTG	TGA	0	0	
mORF_+_1216050	1216050	1216100	+	3	51	ATG	TAA	0	0	
mORF_+_1216104	1216104	1216118	+	3	15	ATG	TGA	0	0	
mORF_+_1216155	1216155	1216178	+	3	24	TTG	TAA	0	0	
mORF_+_1216194	1216194	1216226	+	3	33	ATG	TGA	0	0	
mORF_+_1216223	1216223	1216243	+	2	21	TTG	TAA	0	0	
mORF_+_1216261	1216261	1216413	+	1	153	ATG	TAA	0	0	
mORF_+_1216274	1216274	1216357	+	2	84	GTG	TGA	0	0	
mORF_+_1216305	1216305	1216364	+	3	60	ATG	TGA	0	0	
mORF_+_1216383	1216383	1216409	+	3	27	TTG	TAA	0	0	
mORF_+_1216413	1216413	1216421	+	3	9	ATG	TAG	0	0	
mORF_+_1216428	1216428	1216508	+	3	81	ATG	TGA	0	0	
mORF_+_1216451	1216451	1216528	+	2	78	GTG	TAA	0	0	
mORF_+_1216489	1216489	1216617	+	1	129	ATG	TGA	0	0	
mORF_+_1216509	1216509	1218074	+	3	1566	ATG	TGA	0	0	
mORF_+_1216586	1216586	1216699	+	2	114	ATG	TGA	0	0	
mORF_+_1216669	1216669	1216794	+	1	126	ATG	TGA	0	0	
mORF_+_1216748	1216748	1216783	+	2	36	ATG	TGA	0	0	
mORF_+_1216841	1216841	1216903	+	2	63	GTG	TAA	0	0	
mORF_+_1216969	1216969	1216998	+	1	30	TTG	TAA	0	0	
mORF_+_1217014	1217014	1217037	+	1	24	GTG	TGA	0	0	
mORF_+_1217050	1217050	1217097	+	1	48	ATG	TGA	0	0	
mORF_+_1217107	1217107	1217226	+	1	120	ATG	TAA	0	0	
mORF_+_1217266	1217266	1217322	+	1	57	TTG	TAA	0	0	
mORF_+_1217326	1217326	1217361	+	1	36	ATG	TAA	0	0	
mORF_+_1217362	1217362	1217400	+	1	39	ATG	TAG	0	0	
mORF_+_1217422	1217422	1217475	+	1	54	GTG	TAA	0	0	
mORF_+_1217509	1217509	1217523	+	1	15	TTG	TGA	0	0	
mORF_+_1217560	1217560	1217619	+	1	60	TTG	TAA	0	0	
mORF_+_1217612	1217612	1217629	+	2	18	GTG	TGA	0	0	
mORF_+_1217626	1217626	1217652	+	1	27	GTG	TAA	0	0	
mORF_+_1217656	1217656	1217688	+	1	33	TTG	TGA	0	0	
mORF_+_1217689	1217689	1217718	+	1	30	ATG	TGA	0	0	
mORF_+_1217728	1217728	1217847	+	1	120	ATG	TAA	0	0	
mORF_+_1217879	1217879	1217902	+	2	24	TTG	TAA	0	0	
mORF_+_1217881	1217881	1217961	+	1	81	GTG	TGA	0	0	
mORF_+_1218061	1218061	1218081	+	1	21	TTG	TGA	0	0	
mORF_+_1218071	1218071	1218088	+	2	18	GTG	TAA	0	0	
mORF_+_1218078	1218078	1218209	+	3	132	TTG	TGA	0	0	
mORF_+_1218101	1218101	1218106	+	2	6	GTG	TAA	0	0	
mORF_+_1218136	1218136	1218177	+	1	42	TTG	TGA	0	0	
mORF_+_1218161	1218161	1218169	+	2	9	TTG	TAA	0	0	
mORF_+_1218170	1218170	1218424	+	2	255	TTG	TAA	0	0	
mORF_+_1218258	1218258	1218272	+	3	15	TTG	TGA	0	0	
mORF_+_1218294	1218294	1218332	+	3	39	TTG	TGA	0	0	
mORF_+_1218348	1218348	1218389	+	3	42	ATG	TAA	0	0	
mORF_+_1218358	1218358	1218381	+	1	24	TTG	TAA	0	0	
mORF_+_1218448	1218448	1218516	+	1	69	ATG	TAG	0	0	
mORF_+_1218458	1218458	1218475	+	2	18	ATG	TGA	0	0	
mORF_+_1218488	1218488	1218565	+	2	78	TTG	TAA	0	0	
mORF_+_1218517	1218517	1218660	+	1	144	TTG	TGA	0	0	
mORF_+_1218590	1218590	1218637	+	2	48	TTG	TGA	0	0	
mORF_+_1218641	1218641	1218649	+	2	9	ATG	TGA	0	0	
mORF_+_1218657	1218657	1218761	+	3	105	GTG	TAA	0	0	

mORF_+_1218664	1218664	1218717	+	1	54	ATG	TAA	0	0
mORF_+_1218725	1218725	1218766	+	2	42	GTG	TGA	0	0
mORF_+_1218780	1218780	1218800	+	3	21	TTG	TAA	0	0
mORF_+_1218790	1218790	1218852	+	1	63	ATG	TAG	0	0
mORF_+_1218794	1218794	1218808	+	2	15	TTG	TGA	0	0
mORF_+_1218809	1218809	1218820	+	2	12	ATG	TAA	0	0
mORF_+_1218813	1218813	1218827	+	3	15	ATG	TGA	0	0
mORF_+_1218824	1218824	1220344	+	2	1521	ATG	TAA	0	0
mORF_+_1218864	1218864	1218920	+	3	57	TTG	TAA	0	0
mORF_+_1218936	1218936	1218977	+	3	42	ATG	TAA	0	0
mORF_+_1218981	1218981	1218995	+	3	15	ATG	TAA	0	0
mORF_+_1219014	1219014	1219022	+	3	9	ATG	TGA	0	0
mORF_+_1219029	1219029	1219040	+	3	12	ATG	TAA	0	0
mORF_+_1219056	1219056	1219067	+	3	12	ATG	TGA	0	0
mORF_+_1219074	1219074	1219130	+	3	57	GTG	TAA	0	0
mORF_+_1219176	1219176	1219187	+	3	12	ATG	TAA	0	0
mORF_+_1219206	1219206	1219232	+	3	27	GTG	TGA	0	0
mORF_+_1219233	1219233	1219283	+	3	51	ATG	TAA	0	0
mORF_+_1219293	1219293	1219313	+	3	21	ATG	TAA	0	0
mORF_+_1219326	1219326	1219376	+	3	51	TTG	TAG	0	0
mORF_+_1219377	1219377	1219430	+	3	54	GTG	TAG	0	0
mORF_+_1219387	1219387	1219434	+	1	48	ATG	TGA	0	0
mORF_+_1219431	1219431	1219484	+	3	54	ATG	TAA	0	0
mORF_+_1219491	1219491	1219505	+	3	15	ATG	TAA	0	0
mORF_+_1219512	1219512	1219568	+	3	57	ATG	TAG	0	0
mORF_+_1219572	1219572	1219640	+	3	69	ATG	TAA	0	0
mORF_+_1219680	1219680	1219793	+	3	114	TTG	TAG	0	0
mORF_+_1219803	1219803	1219862	+	3	60	GTG	TAA	0	0
mORF_+_1219899	1219899	1219931	+	3	33	ATG	TAA	0	0
mORF_+_1219959	1219959	1219997	+	3	39	ATG	TGA	0	0
mORF_+_1220031	1220031	1220054	+	3	24	ATG	TGA	0	0
mORF_+_1220085	1220085	1220123	+	3	39	ATG	TAA	0	0
mORF_+_1220139	1220139	1220180	+	3	42	ATG	TAG	0	0
mORF_+_1220181	1220181	1220252	+	3	72	GTG	TGA	0	0
mORF_+_1220256	1220256	1220285	+	3	30	ATG	TAA	0	0
mORF_+_1220310	1220310	1220387	+	3	78	ATG	TAA	0	0
mORF_+_1220411	1220411	1221445	+	2	1035	TTG	TGA	0	0
mORF_+_1220433	1220433	1220561	+	3	129	ATG	TGA	0	0
mORF_+_1220568	1220568	1220600	+	3	33	GTG	TAA	0	0
mORF_+_1220626	1220626	1220652	+	1	27	TTG	TAA	0	0
mORF_+_1220640	1220640	1220681	+	3	42	TTG	TGA	0	0
mORF_+_1220733	1220733	1220771	+	3	39	GTG	TGA	0	0
mORF_+_1220755	1220755	1220853	+	1	99	TTG	TAG	0	0
mORF_+_1220781	1220781	1220801	+	3	21	ATG	TAA	0	0
mORF_+_1220838	1220838	1220951	+	3	114	GTG	TGA	0	0
mORF_+_1220958	1220958	1220966	+	3	9	ATG	TAG	0	0
mORF_+_1220970	1220970	1221032	+	3	63	ATG	TGA	0	0
mORF_+_1221042	1221042	1221263	+	3	222	TTG	TGA	0	0
mORF_+_1221067	1221067	1221117	+	1	51	GTG	TAA	0	0
mORF_+_1221288	1221288	1221302	+	3	15	TTG	TGA	0	0
mORF_+_1221306	1221306	1221311	+	3	6	GTG	TGA	0	0
mORF_+_1221324	1221324	1221362	+	3	39	ATG	TAA	0	0
mORF_+_1221363	1221363	1221374	+	3	12	ATG	TGA	0	0
mORF_+_1221400	1221400	1221471	+	1	72	GTG	TGA	0	0
mORF_+_1221520	1221520	1221606	+	1	87	ATG	TGA	0	0
mORF_+_1221563	1221563	1221571	+	2	9	TTG	TGA	0	0
mORF_+_1221582	1221582	1221659	+	3	78	TTG	TAA	0	0
mORF_+_1221625	1221625	1221762	+	1	138	TTG	TAG	0	0
mORF_+_1221713	1221713	1221757	+	2	45	GTG	TAA	0	0
mORF_+_1221790	1221790	1221795	+	1	6	TTG	TAG	0	0
mORF_+_1221812	1221812	1221922	+	2	111	TTG	TAA	0	0
mORF_+_1221940	1221940	1222230	+	1	291	TTG	TAA	0	0
mORF_+_1221986	1221986	1222078	+	2	93	TTG	TAA	0	0

mORF_+_1222118	1222118	1222183	+	2	66	ATG	TAA	0	0
mORF_+_1222217	1222217	1222234	+	2	18	ATG	TAA	0	0
mORF_+_1222236	1222236	1222250	+	3	15	TTG	TAA	0	0
mORF_+_1222313	1222313	1222354	+	2	42	ATG	TGA	0	0
mORF_+_1222351	1222351	1222374	+	1	24	GTG	TGA	0	0
mORF_+_1222355	1222355	1222381	+	2	27	ATG	TAA	0	0
mORF_+_1222371	1222371	1222442	+	3	72	ATG	TAA	0	0
mORF_+_1222390	1222390	1222422	+	1	33	TTG	TGA	0	0
mORF_+_1222472	1222472	1222672	+	2	201	TTG	TGA	0	0
mORF_+_1222474	1222474	1222479	+	1	6	GTG	TGA	0	0
mORF_+_1222476	1222476	1222490	+	3	15	GTG	TGA	0	0
mORF_+_1222534	1222534	1222629	+	1	96	TTG	TAA	0	0
mORF_+_1222633	1222633	1222752	+	1	120	ATG	TGA	0	0
mORF_+_1222688	1222688	1222909	+	2	222	GTG	TGA	0	0
mORF_+_1222752	1222752	1222862	+	3	111	ATG	TGA	0	0
mORF_+_1222918	1222918	1223130	+	1	213	GTG	TGA	0	0
mORF_+_1222931	1222931	1222951	+	2	21	TTG	TGA	0	0
mORF_+_1222961	1222961	1223116	+	2	156	ATG	TGA	0	0
mORF_+_1223094	1223094	1223144	+	3	51	GTG	TAA	0	0
mORF_+_1223176	1223176	1223253	+	1	78	ATG	TGA	0	0
mORF_+_1223250	1223250	1223360	+	3	111	ATG	TAA	0	0
mORF_+_1223257	1223257	1223298	+	1	42	ATG	TAA	0	0
mORF_+_1223339	1223339	1223476	+	2	138	TTG	TGA	0	0
mORF_+_1223341	1223341	1223367	+	1	27	GTG	TAA	0	0
mORF_+_1223376	1223376	1223465	+	3	90	GTG	TAA	0	0
mORF_+_1223473	1223473	1223658	+	1	186	TTG	TAA	0	0
mORF_+_1223483	1223483	1223551	+	2	69	ATG	TAG	0	0
mORF_+_1223568	1223568	1223762	+	3	195	TTG	TAA	0	0
mORF_+_1223714	1223714	1223770	+	2	57	TTG	TAA	0	0
mORF_+_1223719	1223719	1223871	+	1	153	ATG	TAG	0	0
mORF_+_1223893	1223893	1223943	+	1	51	ATG	TGA	0	0
mORF_+_1223940	1223940	1224047	+	3	108	TTG	TAA	0	0
mORF_+_1223968	1223968	1224039	+	1	72	TTG	TAG	0	0
mORF_+_1224054	1224054	1224095	+	3	42	GTG	TGA	0	0
mORF_+_1224092	1224092	1224163	+	2	72	GTG	TAA	0	0
mORF_+_1224109	1224109	1224186	+	1	78	ATG	TAG	0	0
mORF_+_1224188	1224188	1224238	+	2	51	GTG	TAA	0	0
mORF_+_1224274	1224274	1224336	+	1	63	TTG	TAG	0	0
mORF_+_1224311	1224311	1224361	+	2	51	GTG	TAA	0	0
mORF_+_1224315	1224315	1224365	+	3	51	TTG	TAA	0	0
mORF_+_1224380	1224380	1224397	+	2	18	TTG	TGA	0	0
mORF_+_1224394	1224394	1224414	+	1	21	ATG	TAA	0	0
mORF_+_1224511	1224511	1224600	+	1	90	GTG	TAA	0	0
mORF_+_1224533	1224533	1224565	+	2	33	TTG	TAA	0	0
mORF_+_1224578	1224578	1224586	+	2	9	GTG	TAG	0	0
mORF_+_1224594	1224594	1224623	+	3	30	TTG	TGA	0	0
mORF_+_1224620	1224620	1224646	+	2	27	TTG	TAA	0	0
mORF_+_1224663	1224663	1224671	+	3	9	TTG	TAA	0	0
mORF_+_1224686	1224686	1224925	+	2	240	TTG	TAA	0	0
mORF_+_1224714	1224714	1224809	+	3	96	ATG	TAG	0	0
mORF_+_1224772	1224772	1224852	+	1	81	TTG	TAA	0	0
mORF_+_1224816	1224816	1224890	+	3	75	ATG	TAA	0	0
mORF_+_1224859	1224859	1224864	+	1	6	TTG	TAA	0	0
mORF_+_1224880	1224880	1224939	+	1	60	GTG	TGA	0	0
mORF_+_1224936	1224936	1225193	+	3	258	GTG	TGA	0	0
mORF_+_1224946	1224946	1225017	+	1	72	TTG	TAG	0	0
mORF_+_1224953	1224953	1225120	+	2	168	TTG	TGA	0	0
mORF_+_1225093	1225093	1225149	+	1	57	TTG	TGA	0	0
mORF_+_1225169	1225169	1225177	+	2	9	ATG	TAA	0	0
mORF_+_1225180	1225180	1225224	+	1	45	ATG	TAA	0	0
mORF_+_1225200	1225200	1225217	+	3	18	TTG	TGA	0	0
mORF_+_1225217	1225217	1225261	+	2	45	ATG	TAA	0	0
mORF_+_1225263	1225263	1225322	+	3	60	GTG	TAG	0	0

mORF_+_1225288	1225288	1225329	+	1	42	TTG	TAA	0	0	
mORF_+_1225346	1225346	1225366	+	2	21	ATG	TAA	0	0	
mORF_+_1225370	1225370	1225378	+	2	9	ATG	TAG	0	0	
mORF_+_1225390	1225390	1225452	+	1	63	TTG	TGA	0	0	
mORF_+_1225436	1225436	1225459	+	2	24	GTG	TAG	0	0	
mORF_+_1225443	1225443	1225670	+	3	228	ATG	TAA	0	0	
mORF_+_1225474	1225474	1225506	+	1	33	TTG	TGA	0	0	
mORF_+_1225507	1225507	1225542	+	1	36	TTG	TAA	0	0	
mORF_+_1225633	1225633	1225647	+	1	15	TTG	TAA	0	0	
mORF_+_1225685	1225685	1225774	+	2	90	TTG	TGA	0	0	
mORF_+_1225771	1225771	1225785	+	1	15	TTG	TGA	0	0	
mORF_+_1225782	1225782	1225826	+	3	45	ATG	TGA	0	0	
mORF_+_1225792	1225792	1225899	+	1	108	GTG	TGA	0	0	
mORF_+_1225823	1225823	1226191	+	2	369	ATG	TGA	3	14	pORF_+_1225823
mORF_+_1225860	1225860	1225871	+	3	12	GTG	TGA	0	0	
mORF_+_1225896	1225896	1225958	+	3	63	ATG	TGA	0	0	
mORF_+_1225924	1225924	1226016	+	1	93	GTG	TGA	0	0	
mORF_+_1225965	1225965	1225985	+	3	21	ATG	TAA	0	0	
mORF_+_1226070	1226070	1226225	+	3	156	GTG	TAA	0	0	
mORF_+_1226077	1226077	1226088	+	1	12	TTG	TAA	0	0	
mORF_+_1226098	1226098	1226106	+	1	9	ATG	TGA	0	0	
mORF_+_1226179	1226179	1226187	+	1	9	GTG	TGA	0	0	
mORF_+_1226188	1226188	1226301	+	1	114	GTG	TAA	0	0	
mORF_+_1226207	1226207	1226233	+	2	27	ATG	TGA	0	0	
mORF_+_1226247	1226247	1226258	+	3	12	GTG	TAA	0	0	
mORF_+_1226264	1226264	1226290	+	2	27	ATG	TGA	0	0	
mORF_+_1226303	1226303	1226398	+	2	96	TTG	TGA	0	0	
mORF_+_1226331	1226331	1226411	+	3	81	TTG	TGA	0	0	
mORF_+_1226395	1226395	1226496	+	1	102	GTG	TAG	0	0	
mORF_+_1226402	1226402	1226440	+	2	39	TTG	TAA	0	0	
mORF_+_1226507	1226507	1226650	+	2	144	ATG	TAG	0	0	
mORF_+_1226526	1226526	1226534	+	3	9	TTG	TAG	0	0	
mORF_+_1226542	1226542	1226604	+	1	63	ATG	TGA	0	0	
mORF_+_1226613	1226613	1226894	+	3	282	TTG	TGA	0	0	
mORF_+_1226653	1226653	1226679	+	1	27	GTG	TGA	0	0	
mORF_+_1226695	1226695	1226718	+	1	24	TTG	TGA	0	0	
mORF_+_1226795	1226795	1226827	+	2	33	TTG	TAA	0	0	
mORF_+_1226806	1226806	1226925	+	1	120	TTG	TAA	0	0	
mORF_+_1226876	1226876	1226932	+	2	57	GTG	TAA	0	0	
mORF_+_1226904	1226904	1227230	+	3	327	ATG	TAA	7	24	pORF_+_1226904
mORF_+_1226942	1226942	1226971	+	2	30	TTG	TGA	0	0	
mORF_+_1226944	1226944	1226949	+	1	6	GTG	TGA	0	0	
mORF_+_1226968	1226968	1227030	+	1	63	GTG	TGA	0	0	
mORF_+_1227040	1227040	1227057	+	1	18	TTG	TAG	0	0	
mORF_+_1227076	1227076	1227129	+	1	54	ATG	TAA	0	0	
mORF_+_1227244	1227244	1227291	+	1	48	GTG	TGA	0	0	
mORF_+_1227288	1227288	1227350	+	3	63	GTG	TGA	0	0	
mORF_+_1227302	1227302	1227961	+	2	660	ATG	TAA	7	22	pORF_+_1227302
mORF_+_1227363	1227363	1227530	+	3	168	GTG	TGA	0	0	
mORF_+_1227454	1227454	1227510	+	1	57	GTG	TGA	0	0	
mORF_+_1227531	1227531	1227608	+	3	78	TTG	TGA	0	0	
mORF_+_1227615	1227615	1227635	+	3	21	GTG	TGA	0	0	
mORF_+_1227652	1227652	1227666	+	1	15	GTG	TAA	0	0	
mORF_+_1227672	1227672	1227746	+	3	75	TTG	TGA	0	0	
mORF_+_1227682	1227682	1227804	+	1	123	TTG	TAA	0	0	
mORF_+_1227855	1227855	1227869	+	3	15	GTG	TGA	0	0	
mORF_+_1227882	1227882	1227917	+	3	36	ATG	TGA	0	0	
mORF_+_1227930	1227930	1227944	+	3	15	ATG	TGA	0	0	
mORF_+_1227968	1227968	1228021	+	2	54	TTG	TAA	0	0	
mORF_+_1227994	1227994	1228038	+	1	45	TTG	TAA	0	0	
mORF_+_1228023	1228023	1228499	+	3	477	GTG	TGA	0	0	
mORF_+_1228060	1228060	1228098	+	1	39	ATG	TGA	0	0	
mORF_+_1228102	1228102	1228158	+	1	57	ATG	TGA	0	0	

mORF_+_1228109	1228109	1228126	+	2	18	ATG	TGA	0	0	
mORF_+_1228130	1228130	1228153	+	2	24	TTG	TAA	0	0	
mORF_+_1228162	1228162	1228281	+	1	120	ATG	TAA	0	0	
mORF_+_1228229	1228229	1228261	+	2	33	ATG	TGA	0	0	
mORF_+_1228285	1228285	1228320	+	1	36	GTG	TGA	0	0	
mORF_+_1228307	1228307	1228351	+	2	45	ATG	TAA	0	0	
mORF_+_1228364	1228364	1228408	+	2	45	GTG	TGA	0	0	
mORF_+_1228402	1228402	1228437	+	1	36	ATG	TGA	0	0	
mORF_+_1228453	1228453	1228476	+	1	24	TTG	TAA	0	0	
mORF_+_1228496	1228496	1228639	+	2	144	GTG	TAA	0	0	
mORF_+_1228512	1228512	1228562	+	3	51	ATG	TAG	0	0	
mORF_+_1228590	1228590	1228625	+	3	36	ATG	TAA	0	0	
mORF_+_1228649	1228649	1228681	+	2	33	GTG	TGA	0	0	
mORF_+_1228659	1228659	1228664	+	3	6	ATG	TGA	0	0	
mORF_+_1228678	1228678	1228698	+	1	21	TTG	TAA	0	0	
mORF_+_1228686	1228686	1228754	+	3	69	ATG	TGA	0	0	
mORF_+_1228729	1228729	1228773	+	1	45	GTG	TAA	0	0	
mORF_+_1228742	1228742	1228798	+	2	57	GTG	TAG	0	0	
mORF_+_1228767	1228767	1228823	+	3	57	GTG	TAA	0	0	
mORF_+_1228840	1228840	1228932	+	1	93	TTG	TAA	0	0	
mORF_+_1228869	1228869	1229033	+	3	165	ATG	TAG	0	0	
mORF_+_1228925	1228925	1228975	+	2	51	TTG	TAA	0	0	
mORF_+_1229037	1229037	1229126	+	3	90	ATG	TAG	0	0	
mORF_+_1229050	1229050	1229100	+	1	51	ATG	TGA	0	0	
mORF_+_1229113	1229113	1229196	+	1	84	GTG	TGA	0	0	
mORF_+_1229148	1229148	1229522	+	3	375	TTG	TGA	0	0	
mORF_+_1229201	1229201	1229206	+	2	6	TTG	TGA	0	0	
mORF_+_1229203	1229203	1229247	+	1	45	GTG	TGA	0	0	
mORF_+_1229225	1229225	1229320	+	2	96	TTG	TAG	0	0	
mORF_+_1229290	1229290	1229412	+	1	123	ATG	TAA	0	0	
mORF_+_1229342	1229342	1229416	+	2	75	TTG	TAA	0	0	
mORF_+_1229452	1229452	1229469	+	1	18	GTG	TAA	0	0	
mORF_+_1229548	1229548	1229580	+	1	33	ATG	TAA	0	0	
mORF_+_1229645	1229645	1229650	+	2	6	TTG	TAA	0	0	
mORF_+_1229650	1229650	1229676	+	1	27	ATG	TAA	0	0	
mORF_+_1229716	1229716	1229742	+	1	27	ATG	TAA	0	0	
mORF_+_1229724	1229724	1229747	+	3	24	ATG	TGA	0	0	
mORF_+_1229744	1229744	1229812	+	2	69	ATG	TGA	0	0	
mORF_+_1229761	1229761	1229835	+	1	75	ATG	TGA	0	0	
mORF_+_1229832	1229832	1229912	+	3	81	ATG	TGA	0	0	
mORF_+_1229857	1229857	1229871	+	1	15	GTG	TAA	0	0	
mORF_+_1229894	1229894	1229920	+	2	27	ATG	TGA	0	0	
mORF_+_1229928	1229928	1230029	+	3	102	TTG	TGA	0	0	
mORF_+_1229990	1229990	1230409	+	2	420	ATG	TGA	0	0	
mORF_+_1230051	1230051	1230110	+	3	60	TTG	TGA	0	0	
mORF_+_1230058	1230058	1230093	+	1	36	GTG	TGA	0	0	
mORF_+_1230159	1230159	1230173	+	3	15	GTG	TGA	0	0	
mORF_+_1230174	1230174	1230206	+	3	33	TTG	TGA	0	0	
mORF_+_1230207	1230207	1230278	+	3	72	TTG	TGA	0	0	
mORF_+_1230351	1230351	1230383	+	3	33	GTG	TGA	0	0	
mORF_+_1230409	1230409	1231677	+	1	1269	ATG	TAA	1	2	pORF_+_1230409
mORF_+_1230413	1230413	1230430	+	2	18	TTG	TAA	0	0	
mORF_+_1230440	1230440	1230649	+	2	210	ATG	TGA	0	0	
mORF_+_1230474	1230474	1230482	+	3	9	ATG	TAA	0	0	
mORF_+_1230513	1230513	1230536	+	3	24	TTG	TGA	0	0	
mORF_+_1230612	1230612	1230620	+	3	9	TTG	TAG	0	0	
mORF_+_1230707	1230707	1230730	+	2	24	TTG	TGA	0	0	
mORF_+_1230734	1230734	1230757	+	2	24	GTG	TGA	0	0	
mORF_+_1230744	1230744	1230761	+	3	18	TTG	TGA	0	0	
mORF_+_1230764	1230764	1230934	+	2	171	TTG	TAA	0	0	
mORF_+_1230873	1230873	1230929	+	3	57	ATG	TAA	0	0	
mORF_+_1230953	1230953	1231339	+	2	387	ATG	TAA	0	0	
mORF_+_1231209	1231209	1231214	+	3	6	TTG	TAG	0	0	

mORF_+_1231260	1231260	1231286	+	3	27	TTG	TAA	0	0	
mORF_+_1231400	1231400	1231444	+	2	45	ATG	TGA	0	0	
mORF_+_1231493	1231493	1231528	+	2	36	ATG	TGA	0	0	
mORF_+_1231550	1231550	1231615	+	2	66	ATG	TGA	0	0	
mORF_+_1231605	1231605	1231658	+	3	54	ATG	TGA	0	0	
mORF_+_1231718	1231718	1231726	+	2	9	ATG	TAG	0	0	
mORF_+_1231888	1231888	1231995	+	1	108	TTG	TAA	0	0	
mORF_+_1231946	1231946	1231966	+	2	21	GTG	TAG	0	0	
mORF_+_1231976	1231976	1231990	+	2	15	ATG	TAA	0	0	
mORF_+_1232152	1232152	1232229	+	1	78	ATG	TGA	0	0	
mORF_+_1232181	1232181	1232195	+	3	15	GTG	TAA	0	0	
mORF_+_1232226	1232226	1232255	+	3	30	GTG	TAA	0	0	
mORF_+_1232233	1232233	1232292	+	1	60	TTG	TAA	0	0	
mORF_+_1232271	1232271	1232333	+	3	63	ATG	TAG	0	0	
mORF_+_1232341	1232341	1232391	+	1	51	TTG	TAA	0	0	
mORF_+_1232381	1232381	1232743	+	2	363	ATG	TGA	1	2	pORF_+_1232381
mORF_+_1232407	1232407	1232430	+	1	24	TTG	TAA	0	0	
mORF_+_1232482	1232482	1232601	+	1	120	GTG	TAG	0	0	
mORF_+_1232496	1232496	1232501	+	3	6	GTG	TAA	0	0	
mORF_+_1232520	1232520	1232531	+	3	12	ATG	TAA	0	0	
mORF_+_1232616	1232616	1232708	+	3	93	TTG	TAA	0	0	
mORF_+_1232683	1232683	1232703	+	1	21	TTG	TGA	0	0	
mORF_+_1232736	1232736	1232765	+	3	30	ATG	TAG	0	0	
mORF_+_1232740	1232740	1232757	+	1	18	ATG	TGA	0	0	
mORF_+_1232783	1232783	1232944	+	2	162	ATG	TGA	0	0	
mORF_+_1232791	1232791	1232814	+	1	24	ATG	TAA	0	0	
mORF_+_1232815	1232815	1232841	+	1	27	TTG	TAA	0	0	
mORF_+_1232875	1232875	1232883	+	1	9	GTG	TGA	0	0	
mORF_+_1232880	1232880	1233062	+	3	183	GTG	TGA	0	0	
mORF_+_1232884	1232884	1232901	+	1	18	ATG	TGA	0	0	
mORF_+_1232941	1232941	1232958	+	1	18	ATG	TAA	0	0	
mORF_+_1232993	1232993	1233178	+	2	186	ATG	TAA	0	0	
mORF_+_1233216	1233216	1233380	+	3	165	ATG	TAA	0	0	
mORF_+_1233239	1233239	1233307	+	2	69	ATG	TAA	0	0	
mORF_+_1233274	1233274	1233477	+	1	204	GTG	TGA	0	0	
mORF_+_1233326	1233326	1233499	+	2	174	ATG	TAA	0	0	
mORF_+_1233384	1233384	1233395	+	3	12	TTG	TGA	0	0	
mORF_+_1233414	1233414	1233446	+	3	33	GTG	TGA	0	0	
mORF_+_1233561	1233561	1233623	+	3	63	TTG	TAG	0	0	
mORF_+_1233667	1233667	1233714	+	1	48	TTG	TGA	0	0	
mORF_+_1233689	1233689	1233841	+	2	153	GTG	TAA	0	0	
mORF_+_1233705	1233705	1233758	+	3	54	ATG	TAG	0	0	
mORF_+_1233780	1233780	1234001	+	3	222	GTG	TAA	0	0	
mORF_+_1233970	1233970	1234068	+	1	99	ATG	TGA	0	0	
mORF_+_1234065	1234065	1234103	+	3	39	TTG	TAG	0	0	
mORF_+_1234085	1234085	1234120	+	2	36	TTG	TGA	0	0	
mORF_+_1234117	1234117	1234281	+	1	165	ATG	TAA	0	0	
mORF_+_1234137	1234137	1234880	+	3	744	TTG	TAA	17	54	pORF_+_1234137
mORF_+_1234142	1234142	1234171	+	2	30	GTG	TAA	0	0	
mORF_+_1234282	1234282	1234290	+	1	9	TTG	TAA	0	0	
mORF_+_1234306	1234306	1234344	+	1	39	GTG	TGA	0	0	
mORF_+_1234354	1234354	1234374	+	1	21	ATG	TGA	0	0	
mORF_+_1234408	1234408	1234650	+	1	243	TTG	TGA	0	0	
mORF_+_1234684	1234684	1234863	+	1	180	TTG	TAG	0	0	
mORF_+_1234757	1234757	1234765	+	2	9	GTG	TGA	0	0	
mORF_+_1234826	1234826	1234858	+	2	33	TTG	TGA	0	0	
mORF_+_1234923	1234923	1235162	+	3	240	TTG	TAA	0	0	
mORF_+_1234949	1234949	1235221	+	2	273	TTG	TAG	0	0	
mORF_+_1234975	1234975	1235091	+	1	117	ATG	TAA	0	0	
mORF_+_1235169	1235169	1235180	+	3	12	TTG	TAA	0	0	
mORF_+_1235214	1235214	1235297	+	3	84	ATG	TGA	0	0	
mORF_+_1235263	1235263	1235418	+	1	156	GTG	TGA	0	0	
mORF_+_1235294	1235294	1235311	+	2	18	GTG	TGA	0	0	

mORF_+_1235346	1235346	1235699	+	3	354	ATG	TGA	0	0	
mORF_+_1235408	1235408	1235431	+	2	24	TTG	TAA	0	0	
mORF_+_1235443	1235443	1235496	+	1	54	ATG	TAG	0	0	
mORF_+_1235515	1235515	1235595	+	1	81	TTG	TAG	0	0	
mORF_+_1235696	1235696	1235728	+	2	33	ATG	TAA	0	0	
mORF_+_1235745	1235745	1236059	+	3	315	TTG	TAA	0	0	
mORF_+_1235747	1235747	1235827	+	2	81	GTG	TGA	0	0	
mORF_+_1235824	1235824	1235832	+	1	9	TTG	TGA	0	0	
mORF_+_1235902	1235902	1235922	+	1	21	TTG	TAG	0	0	
mORF_+_1236064	1236064	1236093	+	1	30	TTG	TAG	0	0	
mORF_+_1236084	1236084	1236248	+	3	165	ATG	TGA	0	0	
mORF_+_1236121	1236121	1236150	+	1	30	ATG	TAA	0	0	
mORF_+_1236172	1236172	1236186	+	1	15	ATG	TAG	0	0	
mORF_+_1236245	1236245	1236265	+	2	21	ATG	TAA	0	0	
mORF_+_1236252	1236252	1236308	+	3	57	GTG	TGA	0	0	
mORF_+_1236266	1236266	1236448	+	2	183	TTG	TAG	0	0	
mORF_+_1236271	1236271	1236288	+	1	18	ATG	TAG	0	0	
mORF_+_1236327	1236327	1236521	+	3	195	GTG	TAG	0	0	
mORF_+_1236430	1236430	1236603	+	1	174	GTG	TGA	0	0	
mORF_+_1236497	1236497	1236592	+	2	96	GTG	TAA	0	0	
mORF_+_1236614	1236614	1236685	+	2	72	ATG	TGA	0	0	
mORF_+_1236661	1236661	1236720	+	1	60	TTG	TAA	0	0	
mORF_+_1236710	1236710	1236733	+	2	24	ATG	TGA	0	0	
mORF_+_1236743	1236743	1236748	+	2	6	ATG	TGA	0	0	
mORF_+_1236745	1236745	1236867	+	1	123	GTG	TGA	0	0	
mORF_+_1236788	1236788	1238092	+	2	1305	GTG	TAA	14	38	pORF_+_1236788
mORF_+_1236801	1236801	1236827	+	3	27	TTG	TAG	0	0	
mORF_+_1236831	1236831	1236851	+	3	21	TTG	TAA	0	0	
mORF_+_1236864	1236864	1236980	+	3	117	ATG	TAA	0	0	
mORF_+_1236955	1236955	1236990	+	1	36	GTG	TAA	0	0	
mORF_+_1236991	1236991	1237077	+	1	87	ATG	TAA	0	0	
mORF_+_1237008	1237008	1237052	+	3	45	ATG	TGA	0	0	
mORF_+_1237140	1237140	1237151	+	3	12	GTG	TGA	0	0	
mORF_+_1237144	1237144	1237185	+	1	42	TTG	TGA	0	0	
mORF_+_1237182	1237182	1237352	+	3	171	ATG	TGA	0	0	
mORF_+_1237374	1237374	1237505	+	3	132	ATG	TGA	0	0	
mORF_+_1237477	1237477	1237518	+	1	42	TTG	TGA	0	0	
mORF_+_1237509	1237509	1237523	+	3	15	GTG	TGA	0	0	
mORF_+_1237533	1237533	1237544	+	3	12	ATG	TGA	0	0	
mORF_+_1237551	1237551	1237610	+	3	60	TTG	TGA	0	0	
mORF_+_1237635	1237635	1237865	+	3	231	TTG	TGA	0	0	
mORF_+_1237884	1237884	1237919	+	3	36	TTG	TGA	0	0	
mORF_+_1237912	1237912	1238016	+	1	105	GTG	TGA	0	0	
mORF_+_1238013	1238013	1238024	+	3	12	ATG	TAA	0	0	
mORF_+_1238043	1238043	1238105	+	3	63	GTG	TGA	0	0	
mORF_+_1238102	1238102	1239172	+	2	1071	ATG	TAA	2	6	pORF_+_1238102
mORF_+_1238160	1238160	1238204	+	3	45	TTG	TAA	0	0	
mORF_+_1238223	1238223	1238297	+	3	75	ATG	TAA	0	0	
mORF_+_1238304	1238304	1238333	+	3	30	GTG	TGA	0	0	
mORF_+_1238352	1238352	1238390	+	3	39	ATG	TGA	0	0	
mORF_+_1238433	1238433	1238444	+	3	12	ATG	TAA	0	0	
mORF_+_1238478	1238478	1238486	+	3	9	GTG	TGA	0	0	
mORF_+_1238550	1238550	1238564	+	3	15	ATG	TGA	0	0	
mORF_+_1238580	1238580	1238798	+	3	219	TTG	TGA	0	0	
mORF_+_1238653	1238653	1238712	+	1	60	GTG	TGA	0	0	
mORF_+_1238761	1238761	1238769	+	1	9	GTG	TGA	0	0	
mORF_+_1238811	1238811	1238837	+	3	27	GTG	TAA	0	0	
mORF_+_1238850	1238850	1238963	+	3	114	GTG	TAG	0	0	
mORF_+_1239031	1239031	1239063	+	1	33	TTG	TGA	0	0	
mORF_+_1239048	1239048	1239131	+	3	84	TTG	TGA	0	0	
mORF_+_1239067	1239067	1239090	+	1	24	GTG	TGA	0	0	
mORF_+_1239133	1239133	1239255	+	1	123	GTG	TAA	0	0	
mORF_+_1239159	1239159	1239164	+	3	6	TTG	TGA	0	0	

mORF_+_1239174	1239174	1239182	+	3	9	TTG	TAA	0	0	
mORF_+_1239209	1239209	1239424	+	2	216	GTG	TAG	0	0	
mORF_+_1239249	1239249	1239260	+	3	12	TTG	TGA	0	0	
mORF_+_1239363	1239363	1239434	+	3	72	TTG	TAA	0	0	
mORF_+_1239427	1239427	1239543	+	1	117	TTG	TAG	0	0	
mORF_+_1239435	1239435	1239479	+	3	45	TTG	TAA	0	0	
mORF_+_1239483	1239483	1239686	+	3	204	ATG	TAA	0	0	
mORF_+_1239544	1239544	1239555	+	1	12	ATG	TAA	0	0	
mORF_+_1239674	1239674	1239799	+	2	126	GTG	TGA	0	0	
mORF_+_1239714	1239714	1240091	+	3	378	TTG	TGA	0	0	
mORF_+_1239778	1239778	1239819	+	1	42	TTG	TGA	0	0	
mORF_+_1239919	1239919	1239936	+	1	18	GTG	TGA	0	0	
mORF_+_1239959	1239959	1240135	+	2	177	GTG	TAG	0	0	
mORF_+_1240123	1240123	1240503	+	1	381	TTG	TAG	0	0	
mORF_+_1240148	1240148	1240201	+	2	54	GTG	TAA	0	0	
mORF_+_1240211	1240211	1240255	+	2	45	GTG	TGA	0	0	
mORF_+_1240256	1240256	1240288	+	2	33	TTG	TGA	0	0	
mORF_+_1240373	1240373	1240387	+	2	15	ATG	TGA	0	0	
mORF_+_1240418	1240418	1240426	+	2	9	TTG	TAA	0	0	
mORF_+_1240458	1240458	1240586	+	3	129	TTG	TAA	2	13	pORF_+_1240458
mORF_+_1240507	1240507	1240677	+	1	171	TTG	TAA	0	0	
mORF_+_1240586	1240586	1240657	+	2	72	ATG	TGA	0	0	
mORF_+_1240662	1240662	1240670	+	3	9	TTG	TAG	0	0	
mORF_+_1240699	1240699	1240761	+	1	63	ATG	TGA	0	0	
mORF_+_1240713	1240713	1240781	+	3	69	TTG	TAG	0	0	
mORF_+_1240805	1240805	1240858	+	2	54	TTG	TAA	0	0	
mORF_+_1240969	1240969	1241055	+	1	87	ATG	TGA	0	0	
mORF_+_1241018	1241018	1241083	+	2	66	GTG	TAA	0	0	
mORF_+_1241056	1241056	1241112	+	1	57	GTG	TAG	0	0	
mORF_+_1241090	1241090	1241188	+	2	99	GTG	TAA	0	0	
mORF_+_1241167	1241167	1241331	+	1	165	ATG	TAA	0	0	
mORF_+_1241219	1241219	1241227	+	2	9	ATG	TAA	0	0	
mORF_+_1241279	1241279	1241311	+	2	33	TTG	TGA	0	0	
mORF_+_1241380	1241380	1241559	+	1	180	GTG	TGA	0	0	
mORF_+_1241429	1241429	1241497	+	2	69	GTG	TGA	0	0	
mORF_+_1241460	1241460	1241480	+	3	21	GTG	TAA	0	0	
mORF_+_1241516	1241516	1241572	+	2	57	ATG	TAA	0	0	
mORF_+_1241520	1241520	1241606	+	3	87	GTG	TAA	0	0	
mORF_+_1241588	1241588	1241632	+	2	45	TTG	TGA	0	0	
mORF_+_1241634	1241634	1241699	+	3	66	GTG	TAA	0	0	
mORF_+_1241650	1241650	1241760	+	1	111	ATG	TGA	0	0	
mORF_+_1241733	1241733	1241840	+	3	108	TTG	TGA	0	0	
mORF_+_1241777	1241777	1241971	+	2	195	TTG	TGA	0	0	
mORF_+_1241824	1241824	1241856	+	1	33	TTG	TAA	0	0	
mORF_+_1241869	1241869	1242060	+	1	192	ATG	TAA	0	0	
mORF_+_1241910	1241910	1241933	+	3	24	TTG	TAA	0	0	
mORF_+_1241972	1241972	1242076	+	2	105	ATG	TAA	0	0	
mORF_+_1242033	1242033	1242113	+	3	81	GTG	TAG	0	0	
mORF_+_1242098	1242098	1242211	+	2	114	ATG	TGA	0	0	
mORF_+_1242208	1242208	1242288	+	1	81	TTG	TAA	0	0	
mORF_+_1242263	1242263	1242271	+	2	9	ATG	TAA	0	0	
mORF_+_1242276	1242276	1242464	+	3	189	ATG	TGA	0	0	
mORF_+_1242289	1242289	1243014	+	1	726	GTG	TAA	4	41	pORF_+_1242289
mORF_+_1242302	1242302	1242319	+	2	18	ATG	TGA	0	0	
mORF_+_1242353	1242353	1242391	+	2	39	GTG	TAA	0	0	
mORF_+_1242419	1242419	1242430	+	2	12	TTG	TGA	0	0	
mORF_+_1242431	1242431	1242442	+	2	12	TTG	TAG	0	0	
mORF_+_1242461	1242461	1242529	+	2	69	ATG	TAA	0	0	
mORF_+_1242480	1242480	1242605	+	3	126	GTG	TAA	0	0	
mORF_+_1242542	1242542	1242571	+	2	30	GTG	TGA	0	0	
mORF_+_1242599	1242599	1242619	+	2	21	GTG	TGA	0	0	
mORF_+_1242629	1242629	1242643	+	2	15	ATG	TGA	0	0	
mORF_+_1242671	1242671	1242724	+	2	54	GTG	TGA	0	0	

mORF_+_1242797	1242797	1242943	+	2	147	TTG	TAG	0	0
mORF_+_1242989	1242989	1243081	+	2	93	TTG	TAA	0	0
mORF_+_1243029	1243029	1243205	+	3	177	TTG	TGA	0	0
mORF_+_1243082	1243082	1243189	+	2	108	TTG	TAA	0	0
mORF_+_1243202	1243202	1243264	+	2	63	GTG	TAA	0	0
mORF_+_1243224	1243224	1243241	+	3	18	ATG	TGA	0	0
mORF_+_1243251	1243251	1243373	+	3	123	ATG	TAA	0	0
mORF_+_1243276	1243276	1243449	+	1	174	TTG	TAA	0	0
mORF_+_1243379	1243379	1243429	+	2	51	ATG	TAA	0	0
mORF_+_1243395	1243395	1243520	+	3	126	ATG	TGA	0	0
mORF_+_1243453	1243453	1243500	+	1	48	ATG	TAA	0	0
mORF_+_1243487	1243487	1243555	+	2	69	TTG	TAG	0	0
mORF_+_1243533	1243533	1243580	+	3	48	ATG	TGA	0	0
mORF_+_1243546	1243546	1243632	+	1	87	GTG	TGA	0	0
mORF_+_1243577	1243577	1243624	+	2	48	TTG	TAA	0	0
mORF_+_1243626	1243626	1243742	+	3	117	TTG	TAA	0	0
mORF_+_1243669	1243669	1243770	+	1	102	TTG	TGA	0	0
mORF_+_1243679	1243679	1243693	+	2	15	GTG	TAA	0	0
mORF_+_1243718	1243718	1243825	+	2	108	TTG	TGA	0	0
mORF_+_1243818	1243818	1243910	+	3	93	ATG	TAA	0	0
mORF_+_1243822	1243822	1243905	+	1	84	GTG	TGA	0	0
mORF_+_1243918	1243918	1244205	+	1	288	TTG	TAA	0	0
mORF_+_1243961	1243961	1243984	+	2	24	TTG	TGA	0	0
mORF_+_1244021	1244021	1244044	+	2	24	GTG	TGA	0	0
mORF_+_1244066	1244066	1244338	+	2	273	GTG	TAA	0	0
mORF_+_1244286	1244286	1244360	+	3	75	GTG	TAA	0	0
mORF_+_1244364	1244364	1244414	+	3	51	TTG	TAG	0	0
mORF_+_1244372	1244372	1244386	+	2	15	TTG	TGA	0	0
mORF_+_1244383	1244383	1244823	+	1	441	GTG	TAG	0	0
mORF_+_1244432	1244432	1244479	+	2	48	ATG	TAG	0	0
mORF_+_1244550	1244550	1244558	+	3	9	ATG	TGA	0	0
mORF_+_1244568	1244568	1244612	+	3	45	TTG	TAA	0	0
mORF_+_1244600	1244600	1244605	+	2	6	ATG	TGA	0	0
mORF_+_1244645	1244645	1244671	+	2	27	GTG	TAG	0	0
mORF_+_1244675	1244675	1244905	+	2	231	TTG	TAA	0	0
mORF_+_1244769	1244769	1244807	+	3	39	ATG	TGA	0	0
mORF_+_1244838	1244838	1244894	+	3	57	ATG	TAA	0	0
mORF_+_1244907	1244907	1244954	+	3	48	GTG	TAA	0	0
mORF_+_1244909	1244909	1245139	+	2	231	GTG	TAG	0	0
mORF_+_1244914	1244914	1244931	+	1	18	TTG	TGA	0	0
mORF_+_1244935	1244935	1244949	+	1	15	TTG	TGA	0	0
mORF_+_1244989	1244989	1245060	+	1	72	TTG	TAA	0	0
mORF_+_1245060	1245060	1245101	+	3	42	ATG	TGA	0	0
mORF_+_1245140	1245140	1245148	+	2	9	GTG	TGA	0	0
mORF_+_1245142	1245142	1245210	+	1	69	GTG	TAA	0	0
mORF_+_1245152	1245152	1245202	+	2	51	TTG	TAG	0	0
mORF_+_1245237	1245237	1245368	+	3	132	GTG	TGA	0	0
mORF_+_1245262	1245262	1245399	+	1	138	TTG	TAA	0	0
mORF_+_1245284	1245284	1245403	+	2	120	GTG	TGA	0	0
mORF_+_1245404	1245404	1245418	+	2	15	TTG	TGA	0	0
mORF_+_1245415	1245415	1245621	+	1	207	ATG	TAA	0	0
mORF_+_1245495	1245495	1245575	+	3	81	TTG	TAA	0	0
mORF_+_1245542	1245542	1245703	+	2	162	TTG	TAA	0	0
mORF_+_1245710	1245710	1245796	+	2	87	GTG	TAG	0	0
mORF_+_1245759	1245759	1245803	+	3	45	ATG	TGA	0	0
mORF_+_1245800	1245800	1245820	+	2	21	TTG	TGA	0	0
mORF_+_1245824	1245824	1245883	+	2	60	TTG	TAA	0	0
mORF_+_1245844	1245844	1245951	+	1	108	TTG	TAA	0	0
mORF_+_1245979	1245979	1245993	+	1	15	TTG	TAA	0	0
mORF_+_1246007	1246007	1246024	+	2	18	TTG	TGA	0	0
mORF_+_1246021	1246021	1246104	+	1	84	ATG	TAA	0	0
mORF_+_1246031	1246031	1246045	+	2	15	GTG	TGA	0	0
mORF_+_1246052	1246052	1246084	+	2	33	TTG	TGA	0	0

mORF_+_1246106	1246106	1246117	+	2	12	ATG	TAA	0	0
mORF_+_1246202	1246202	1246366	+	2	165	GTG	TAA	0	0
mORF_+_1246246	1246246	1246260	+	1	15	ATG	TGA	0	0
mORF_+_1246257	1246257	1246307	+	3	51	GTG	TGA	0	0
mORF_+_1246324	1246324	1246470	+	1	147	ATG	TAA	0	0
mORF_+_1246436	1246436	1246759	+	2	324	TTG	TGA	0	0
mORF_+_1246488	1246488	1246658	+	3	171	GTG	TAG	0	0
mORF_+_1246570	1246570	1246629	+	1	60	TTG	TAA	0	0
mORF_+_1246756	1246756	1246767	+	1	12	GTG	TAA	0	0
mORF_+_1246795	1246795	1246806	+	1	12	TTG	TGA	0	0
mORF_+_1246803	1246803	1246829	+	3	27	GTG	TAA	0	0
mORF_+_1246831	1246831	1246857	+	1	27	TTG	TAA	0	0
mORF_+_1246867	1246867	1246935	+	1	69	GTG	TGA	0	0
mORF_+_1246886	1246886	1246963	+	2	78	ATG	TAG	0	0
mORF_+_1246914	1246914	1246922	+	3	9	GTG	TAA	0	0
mORF_+_1246932	1246932	1247126	+	3	195	TTG	TAA	0	0
mORF_+_1246976	1246976	1247041	+	2	66	TTG	TAG	0	0
mORF_+_1247048	1247048	1247143	+	2	96	GTG	TAG	0	0
mORF_+_1247127	1247127	1247234	+	3	108	ATG	TAG	0	0
mORF_+_1247149	1247149	1247160	+	1	12	TTG	TAA	0	0
mORF_+_1247183	1247183	1247245	+	2	63	TTG	TAG	0	0
mORF_+_1247261	1247261	1247374	+	2	114	TTG	TAA	0	0
mORF_+_1247316	1247316	1247333	+	3	18	GTG	TGA	0	0
mORF_+_1247344	1247344	1247466	+	1	123	TTG	TGA	0	0
mORF_+_1247381	1247381	1247443	+	2	63	ATG	TAA	0	0
mORF_+_1247463	1247463	1247549	+	3	87	GTG	TGA	0	0
mORF_+_1247492	1247492	1247518	+	2	27	TTG	TGA	0	0
mORF_+_1247515	1247515	1247595	+	1	81	TTG	TAG	0	0
mORF_+_1247546	1247546	1247719	+	2	174	TTG	TAG	0	0
mORF_+_1247596	1247596	1247736	+	1	141	GTG	TAA	0	0
mORF_+_1247746	1247746	1247751	+	1	6	GTG	TGA	0	0
mORF_+_1247748	1247748	1247807	+	3	60	GTG	TAA	0	0
mORF_+_1247791	1247791	1247856	+	1	66	ATG	TGA	0	0
mORF_+_1247831	1247831	1247929	+	2	99	ATG	TAA	0	0
mORF_+_1247853	1247853	1248272	+	3	420	ATG	TGA	0	0
mORF_+_1247896	1247896	1247979	+	1	84	ATG	TAA	0	0
mORF_+_1247936	1247936	1248115	+	2	180	TTG	TAA	0	0
mORF_+_1248016	1248016	1248138	+	1	123	TTG	TGA	0	0
mORF_+_1248146	1248146	1248265	+	2	120	ATG	TAA	0	0
mORF_+_1248214	1248214	1248324	+	1	111	GTG	TGA	0	0
mORF_+_1248311	1248311	1248316	+	2	6	ATG	TGA	0	0
mORF_+_1248321	1248321	1248365	+	3	45	ATG	TAA	0	0
mORF_+_1248356	1248356	1248385	+	2	30	TTG	TAA	0	0
mORF_+_1248375	1248375	1248560	+	3	186	TTG	TAA	0	0
mORF_+_1248454	1248454	1248555	+	1	102	TTG	TGA	0	0
mORF_+_1248482	1248482	1248628	+	2	147	GTG	TGA	0	0
mORF_+_1248592	1248592	1248660	+	1	69	ATG	TGA	0	0
mORF_+_1248674	1248674	1248718	+	2	45	GTG	TAA	0	0
mORF_+_1248684	1248684	1248863	+	3	180	TTG	TAG	0	0
mORF_+_1248784	1248784	1248963	+	1	180	TTG	TGA	0	0
mORF_+_1248867	1248867	1248977	+	3	111	GTG	TGA	0	0
mORF_+_1248974	1248974	1249174	+	2	201	GTG	TAG	0	0
mORF_+_1249018	1249018	1249068	+	1	51	GTG	TAA	0	0
mORF_+_1249038	1249038	1249073	+	3	36	GTG	TGA	0	0
mORF_+_1249074	1249074	1249133	+	3	60	TTG	TAG	0	0
mORF_+_1249144	1249144	1249323	+	1	180	TTG	TGA	0	0
mORF_+_1249155	1249155	1249217	+	3	63	GTG	TAA	0	0
mORF_+_1249211	1249211	1249291	+	2	81	TTG	TGA	0	0
mORF_+_1249310	1249310	1249366	+	2	57	GTG	TGA	0	0
mORF_+_1249320	1249320	1249451	+	3	132	ATG	TAA	0	0
mORF_+_1249363	1249363	1249506	+	1	144	TTG	TGA	0	0
mORF_+_1249412	1249412	1249516	+	2	105	ATG	TGA	0	0
mORF_+_1249503	1249503	1249670	+	3	168	TTG	TGA	0	0

mORF_+_1249507	1249507	1249557	+	1	51	GTG	TGA	0	0	
mORF_+_1249604	1249604	1249636	+	2	33	GTG	TAA	0	0	
mORF_+_1249667	1249667	1249747	+	2	81	ATG	TAA	0	0	
mORF_+_1249699	1249699	1249707	+	1	9	GTG	TAA	0	0	
mORF_+_1249751	1249751	1249867	+	2	117	TTG	TGA	0	0	
mORF_+_1249786	1249786	1249824	+	1	39	TTG	TGA	0	0	
mORF_+_1249821	1249821	1249829	+	3	9	GTG	TGA	0	0	
mORF_+_1249882	1249882	1250097	+	1	216	GTG	TGA	0	0	
mORF_+_1249955	1249955	1249975	+	2	21	GTG	TGA	0	0	
mORF_+_1249980	1249980	1250048	+	3	69	GTG	TGA	0	0	
mORF_+_1250045	1250045	1250086	+	2	42	TTG	TAG	0	0	
mORF_+_1250090	1250090	1250122	+	2	33	ATG	TGA	0	0	
mORF_+_1250094	1250094	1250132	+	3	39	ATG	TGA	0	0	
mORF_+_1250129	1250129	1250221	+	2	93	ATG	TGA	0	0	
mORF_+_1250140	1250140	1250187	+	1	48	GTG	TAG	0	0	
mORF_+_1250187	1250187	1250204	+	3	18	GTG	TAA	0	0	
mORF_+_1250208	1250208	1250246	+	3	39	ATG	TAA	0	0	
mORF_+_1250218	1250218	1250292	+	1	75	TTG	TGA	0	0	
mORF_+_1250231	1250231	1250239	+	2	9	GTG	TAA	0	0	
mORF_+_1250249	1250249	1250305	+	2	57	TTG	TAA	0	0	
mORF_+_1250268	1250268	1250276	+	3	9	TTG	TAA	0	0	
mORF_+_1250280	1250280	1252208	+	3	1929	ATG	TGA	2	9	pORF_+_1250280
mORF_+_1250293	1250293	1250334	+	1	42	GTG	TAA	0	0	
mORF_+_1250335	1250335	1250367	+	1	33	TTG	TGA	0	0	
mORF_+_1250354	1250354	1250362	+	2	9	ATG	TAA	0	0	
mORF_+_1250381	1250381	1250437	+	2	57	ATG	TAA	0	0	
mORF_+_1250416	1250416	1250451	+	1	36	TTG	TGA	0	0	
mORF_+_1250476	1250476	1250580	+	1	105	ATG	TAA	0	0	
mORF_+_1250504	1250504	1250527	+	2	24	GTG	TGA	0	0	
mORF_+_1250581	1250581	1250649	+	1	69	GTG	TAG	0	0	
mORF_+_1250609	1250609	1250743	+	2	135	TTG	TGA	0	0	
mORF_+_1250725	1250725	1250760	+	1	36	GTG	TGA	0	0	
mORF_+_1250780	1250780	1250791	+	2	12	GTG	TGA	0	0	
mORF_+_1250788	1250788	1250820	+	1	33	TTG	TGA	0	0	
mORF_+_1250905	1250905	1250916	+	1	12	ATG	TAG	0	0	
mORF_+_1250926	1250926	1250937	+	1	12	ATG	TGA	0	0	
mORF_+_1250974	1250974	1251045	+	1	72	ATG	TAA	0	0	
mORF_+_1251112	1251112	1251144	+	1	33	TTG	TGA	0	0	
mORF_+_1251307	1251307	1251381	+	1	75	TTG	TAA	0	0	
mORF_+_1251347	1251347	1251397	+	2	51	TTG	TAA	0	0	
mORF_+_1251397	1251397	1251516	+	1	120	ATG	TGA	0	0	
mORF_+_1251437	1251437	1251442	+	2	6	TTG	TGA	0	0	
mORF_+_1251553	1251553	1251648	+	1	96	TTG	TAA	0	0	
mORF_+_1251655	1251655	1251669	+	1	15	TTG	TGA	0	0	
mORF_+_1251670	1251670	1251807	+	1	138	TTG	TGA	0	0	
mORF_+_1251826	1251826	1251852	+	1	27	TTG	TGA	0	0	
mORF_+_1251856	1251856	1251945	+	1	90	TTG	TGA	0	0	
mORF_+_1251887	1251887	1251913	+	2	27	TTG	TGA	0	0	
mORF_+_1251949	1251949	1252164	+	1	216	GTG	TGA	0	0	
mORF_+_1252151	1252151	1252180	+	2	30	GTG	TGA	0	0	
mORF_+_1252171	1252171	1252311	+	1	141	ATG	TAA	0	0	
mORF_+_1252205	1252205	1252228	+	2	24	ATG	TGA	0	0	
mORF_+_1252238	1252238	1252288	+	2	51	GTG	TAA	0	0	
mORF_+_1252293	1252293	1252499	+	3	207	TTG	TGA	0	0	
mORF_+_1252333	1252333	1252347	+	1	15	TTG	TGA	0	0	
mORF_+_1252366	1252366	1252371	+	1	6	GTG	TAA	0	0	
mORF_+_1252388	1252388	1252417	+	2	30	ATG	TGA	0	0	
mORF_+_1252390	1252390	1252530	+	1	141	GTG	TAG	0	0	
mORF_+_1252546	1252546	1252605	+	1	60	TTG	TAG	0	0	
mORF_+_1252605	1252605	1252901	+	3	297	GTG	TGA	0	0	
mORF_+_1252621	1252621	1252695	+	1	75	TTG	TAG	0	0	
mORF_+_1252667	1252667	1252672	+	2	6	ATG	TAA	0	0	
mORF_+_1252720	1252720	1252794	+	1	75	TTG	TGA	0	0	

mORF_+_1252829	1252829	1252840	+	2	12	ATG	TAA	0	0	
mORF_+_1252865	1252865	1253185	+	2	321	GTG	TGA	0	0	
mORF_+_1252870	1252870	1252875	+	1	6	ATG	TAA	0	0	
mORF_+_1252891	1252891	1252896	+	1	6	ATG	TAG	0	0	
mORF_+_1252941	1252941	1252949	+	3	9	ATG	TGA	0	0	
mORF_+_1253029	1253029	1253082	+	1	54	ATG	TAA	0	0	
mORF_+_1253136	1253136	1253171	+	3	36	TTG	TAA	0	0	
mORF_+_1253182	1253182	1253190	+	1	9	TTG	TAA	0	0	
mORF_+_1253191	1253191	1253274	+	1	84	TTG	TGA	0	0	
mORF_+_1253285	1253285	1253302	+	2	18	GTG	TAG	0	0	
mORF_+_1253287	1253287	1253334	+	1	48	GTG	TAA	0	0	
mORF_+_1253347	1253347	1253394	+	1	48	GTG	TGA	0	0	
mORF_+_1253425	1253425	1253499	+	1	75	GTG	TGA	0	0	
mORF_+_1253459	1253459	1253488	+	2	30	TTG	TAG	0	0	
mORF_+_1253496	1253496	1253531	+	3	36	GTG	TAA	0	0	
mORF_+_1253621	1253621	1253701	+	2	81	ATG	TAG	0	0	
mORF_+_1253623	1253623	1253892	+	1	270	GTG	TAA	0	0	
mORF_+_1253649	1253649	1253672	+	3	24	GTG	TGA	0	0	
mORF_+_1253673	1253673	1253822	+	3	150	ATG	TAG	0	0	
mORF_+_1253708	1253708	1253761	+	2	54	TTG	TGA	0	0	
mORF_+_1253901	1253901	1254221	+	3	321	ATG	TGA	0	0	
mORF_+_1253909	1253909	1253947	+	2	39	TTG	TGA	0	0	
mORF_+_1253914	1253914	1253991	+	1	78	ATG	TAA	0	0	
mORF_+_1254016	1254016	1254156	+	1	141	GTG	TAA	1	11	pORF_+_1254016
mORF_+_1254131	1254131	1254202	+	2	72	TTG	TAA	0	0	
mORF_+_1254172	1254172	1254381	+	1	210	ATG	TGA	0	0	
mORF_+_1254261	1254261	1254626	+	3	366	ATG	TAG	0	0	
mORF_+_1254284	1254284	1254340	+	2	57	TTG	TGA	0	0	
mORF_+_1254341	1254341	1254355	+	2	15	GTG	TAA	0	0	
mORF_+_1254394	1254394	1254468	+	1	75	TTG	TAG	0	0	
mORF_+_1254413	1254413	1254496	+	2	84	TTG	TAG	0	0	
mORF_+_1254517	1254517	1254549	+	1	33	TTG	TAA	0	0	
mORF_+_1254571	1254571	1254612	+	1	42	GTG	TAG	0	0	
mORF_+_1254616	1254616	1254660	+	1	45	TTG	TGA	0	0	
mORF_+_1254657	1254657	1254671	+	3	15	TTG	TAG	0	0	
mORF_+_1254661	1254661	1254750	+	1	90	GTG	TAG	0	0	
mORF_+_1254671	1254671	1254691	+	2	21	GTG	TAA	0	0	
mORF_+_1254681	1254681	1254734	+	3	54	ATG	TAA	0	0	
mORF_+_1254741	1254741	1254761	+	3	21	ATG	TAA	0	0	
mORF_+_1254766	1254766	1254786	+	1	21	ATG	TGA	0	0	
mORF_+_1254783	1254783	1254959	+	3	177	TTG	TGA	0	0	
mORF_+_1254802	1254802	1254840	+	1	39	GTG	TGA	0	0	
mORF_+_1254844	1254844	1254948	+	1	105	ATG	TAG	0	0	
mORF_+_1254854	1254854	1254877	+	2	24	TTG	TGA	0	0	
mORF_+_1254959	1254959	1254982	+	2	24	ATG	TAA	0	0	
mORF_+_1255009	1255009	1255023	+	1	15	TTG	TGA	0	0	
mORF_+_1255020	1255020	1255106	+	3	87	TTG	TGA	0	0	
mORF_+_1255064	1255064	1255081	+	2	18	TTG	TAG	0	0	
mORF_+_1255103	1255103	1255168	+	2	66	TTG	TGA	0	0	
mORF_+_1255144	1255144	1255239	+	1	96	TTG	TGA	0	0	
mORF_+_1255158	1255158	1255190	+	3	33	GTG	TAG	0	0	
mORF_+_1255209	1255209	1255262	+	3	54	ATG	TGA	0	0	
mORF_+_1255259	1255259	1255303	+	2	45	ATG	TAA	0	0	
mORF_+_1255266	1255266	1255373	+	3	108	TTG	TGA	0	0	
mORF_+_1255270	1255270	1255284	+	1	15	ATG	TGA	0	0	
mORF_+_1255370	1255370	1255396	+	2	27	GTG	TAA	0	0	
mORF_+_1255398	1255398	1255463	+	3	66	TTG	TAA	0	0	
mORF_+_1255432	1255432	1255488	+	1	57	ATG	TAA	0	0	
mORF_+_1255469	1255469	1255501	+	2	33	TTG	TAG	0	0	
mORF_+_1255504	1255504	1255533	+	1	30	ATG	TAA	0	0	
mORF_+_1255517	1255517	1255699	+	2	183	TTG	TGA	0	0	
mORF_+_1255555	1255555	1255566	+	1	12	TTG	TAA	0	0	
mORF_+_1255599	1255599	1255679	+	3	81	TTG	TGA	0	0	

mORF_+_1255606	1255606	1255689	+	1	84	ATG	TGA	0	0	
mORF_+_1255686	1255686	1255709	+	3	24	TTG	TGA	0	0	
mORF_+_1255696	1255696	1255716	+	1	21	GTG	TAG	0	0	
mORF_+_1255709	1255709	1255783	+	2	75	ATG	TAA	0	0	
mORF_+_1255716	1255716	1255748	+	3	33	GTG	TAA	0	0	
mORF_+_1255774	1255774	1255812	+	1	39	ATG	TAA	0	0	
mORF_+_1255821	1255821	1255826	+	3	6	GTG	TAG	0	0	
mORF_+_1255828	1255828	1255842	+	1	15	ATG	TGA	0	0	
mORF_+_1255839	1255839	1255856	+	3	18	ATG	TGA	0	0	
mORF_+_1255853	1255853	1255861	+	2	9	GTG	TGA	0	0	
mORF_+_1255858	1255858	1255917	+	1	60	ATG	TAG	0	0	
mORF_+_1255875	1255875	1255910	+	3	36	TTG	TGA	0	0	
mORF_+_1255907	1255907	1255930	+	2	24	ATG	TGA	0	0	
mORF_+_1255927	1255927	1255938	+	1	12	ATG	TAA	0	0	
mORF_+_1255951	1255951	1255992	+	1	42	TTG	TAA	0	0	
mORF_+_1256014	1256014	1256049	+	1	36	TTG	TAA	0	0	
mORF_+_1256034	1256034	1256489	+	3	456	TTG	TAA	0	0	
mORF_+_1256050	1256050	1256193	+	1	144	GTG	TAA	0	0	
mORF_+_1256078	1256078	1256089	+	2	12	GTG	TAA	0	0	
mORF_+_1256138	1256138	1256188	+	2	51	TTG	TGA	0	0	
mORF_+_1256305	1256305	1256460	+	1	156	ATG	TAA	0	0	
mORF_+_1256384	1256384	1256413	+	2	30	ATG	TGA	0	0	
mORF_+_1256429	1256429	1256467	+	2	39	TTG	TAG	0	0	
mORF_+_1256581	1256581	1256604	+	1	24	TTG	TGA	0	0	
mORF_+_1256601	1256601	1257323	+	3	723	ATG	TGA	0	0	
mORF_+_1256620	1256620	1256697	+	1	78	GTG	TGA	0	0	
mORF_+_1256698	1256698	1256733	+	1	36	ATG	TGA	0	0	
mORF_+_1256755	1256755	1256880	+	1	126	ATG	TGA	0	0	
mORF_+_1256795	1256795	1256980	+	2	186	ATG	TGA	0	0	
mORF_+_1256914	1256914	1257042	+	1	129	GTG	TAA	1	2	pORF_+_1256914
mORF_+_1257086	1257086	1257103	+	2	18	TTG	TAA	0	0	
mORF_+_1257094	1257094	1257165	+	1	72	ATG	TAA	0	0	
mORF_+_1257155	1257155	1257256	+	2	102	TTG	TAA	0	0	
mORF_+_1257184	1257184	1257207	+	1	24	TTG	TAA	0	0	
mORF_+_1257320	1257320	1257340	+	2	21	ATG	TAA	0	0	
mORF_+_1257333	1257333	1257347	+	3	15	ATG	TGA	0	0	
mORF_+_1257344	1257344	1257553	+	2	210	GTG	TAA	0	0	
mORF_+_1257375	1257375	1257398	+	3	24	ATG	TGA	0	0	
mORF_+_1257426	1257426	1257596	+	3	171	TTG	TAA	0	0	
mORF_+_1257538	1257538	1257543	+	1	6	ATG	TAG	0	0	
mORF_+_1257674	1257674	1257751	+	2	78	ATG	TGA	0	0	
mORF_+_1257682	1257682	1257729	+	1	48	TTG	TAA	0	0	
mORF_+_1257752	1257752	1257763	+	2	12	GTG	TAA	0	0	
mORF_+_1257754	1257754	1257774	+	1	21	GTG	TAG	0	0	
mORF_+_1257783	1257783	1257842	+	3	60	TTG	TGA	0	0	
mORF_+_1257817	1257817	1257831	+	1	15	ATG	TAA	0	0	
mORF_+_1257835	1257835	1257885	+	1	51	TTG	TAA	0	0	
mORF_+_1257843	1257843	1257854	+	3	12	GTG	TAG	0	0	
mORF_+_1257864	1257864	1257896	+	3	33	GTG	TGA	0	0	
mORF_+_1257890	1257890	1257901	+	2	12	TTG	TAA	0	0	
mORF_+_1257905	1257905	1257910	+	2	6	TTG	TAA	0	0	
mORF_+_1257911	1257911	1257916	+	2	6	TTG	TGA	0	0	
mORF_+_1257913	1257913	1258017	+	1	105	GTG	TGA	0	0	
mORF_+_1257941	1257941	1257964	+	2	24	GTG	TAA	0	0	
mORF_+_1258007	1258007	1258045	+	2	39	GTG	TAA	0	0	
mORF_+_1258014	1258014	1258292	+	3	279	ATG	TAA	1	5	pORF_+_1258014
mORF_+_1258144	1258144	1258158	+	1	15	ATG	TAA	0	0	
mORF_+_1258171	1258171	1258299	+	1	129	GTG	TAA	0	0	
mORF_+_1258220	1258220	1258252	+	2	33	GTG	TGA	0	0	
mORF_+_1258259	1258259	1258270	+	2	12	TTG	TAG	0	0	
mORF_+_1258299	1258299	1258352	+	3	54	ATG	TAA	0	0	
mORF_+_1258306	1258306	1258410	+	1	105	TTG	TGA	0	0	
mORF_+_1258322	1258322	1258330	+	2	9	TTG	TGA	0	0	

mORF_+_1258407	1258407	1258583	+	3	177	TTG	TGA	0	0
mORF_+_1258411	1258411	1258824	+	1	414	ATG	TGA	0	0
mORF_+_1258436	1258436	1258597	+	2	162	GTG	TGA	0	0
mORF_+_1258679	1258679	1258714	+	2	36	GTG	TAA	0	0
mORF_+_1258724	1258724	1258747	+	2	24	ATG	TGA	0	0
mORF_+_1258821	1258821	1259177	+	3	357	ATG	TGA	0	0
mORF_+_1258843	1258843	1259292	+	1	450	TTG	TGA	0	0
mORF_+_1258922	1258922	1258948	+	2	27	GTG	TAA	0	0
mORF_+_1258985	1258985	1259005	+	2	21	TTG	TAG	0	0
mORF_+_1259156	1259156	1259206	+	2	51	TTG	TAG	0	0
mORF_+_1259259	1259259	1259411	+	3	153	TTG	TAA	0	0
mORF_+_1259329	1259329	1259403	+	1	75	ATG	TGA	0	0
mORF_+_1259416	1259416	1259529	+	1	114	ATG	TAA	0	0
mORF_+_1259507	1259507	1259572	+	2	66	ATG	TAA	0	0
mORF_+_1259520	1259520	1259525	+	3	6	TTG	TAG	0	0
mORF_+_1259529	1259529	1259618	+	3	90	ATG	TAA	0	0
mORF_+_1259578	1259578	1259748	+	1	171	ATG	TAG	0	0
mORF_+_1259660	1259660	1259788	+	2	129	GTG	TAA	0	0
mORF_+_1259733	1259733	1259795	+	3	63	TTG	TGA	0	0
mORF_+_1259792	1259792	1259815	+	2	24	GTG	TGA	0	0
mORF_+_1259812	1259812	1260045	+	1	234	ATG	TGA	0	0
mORF_+_1259855	1259855	1259875	+	2	21	GTG	TAG	0	0
mORF_+_1259945	1259945	1260031	+	2	87	GTG	TAA	0	0
mORF_+_1260003	1260003	1260008	+	3	6	ATG	TGA	0	0
mORF_+_1260042	1260042	1260065	+	3	24	GTG	TAA	0	0
mORF_+_1260066	1260066	1260191	+	3	126	ATG	TGA	0	0
mORF_+_1260073	1260073	1260087	+	1	15	GTG	TAG	0	0
mORF_+_1260097	1260097	1260222	+	1	126	ATG	TGA	0	0
mORF_+_1260164	1260164	1260352	+	2	189	ATG	TGA	0	0
mORF_+_1260249	1260249	1260257	+	3	9	GTG	TGA	0	0
mORF_+_1260349	1260349	1260495	+	1	147	GTG	TGA	0	0
mORF_+_1260425	1260425	1260694	+	2	270	GTG	TGA	0	0
mORF_+_1260492	1260492	1260527	+	3	36	GTG	TGA	0	0
mORF_+_1260528	1260528	1260557	+	3	30	TTG	TAG	0	0
mORF_+_1260606	1260606	1260776	+	3	171	TTG	TGA	0	0
mORF_+_1260706	1260706	1260891	+	1	186	GTG	TAA	0	0
mORF_+_1260773	1260773	1260820	+	2	48	GTG	TAG	0	0
mORF_+_1260777	1260777	1260836	+	3	60	TTG	TAA	0	0
mORF_+_1260842	1260842	1261219	+	2	378	GTG	TGA	0	0
mORF_+_1260970	1260970	1261023	+	1	54	TTG	TGA	0	0
mORF_+_1261020	1261020	1261166	+	3	147	GTG	TGA	0	0
mORF_+_1261048	1261048	1261056	+	1	9	TTG	TAG	0	0
mORF_+_1261150	1261150	1261188	+	1	39	GTG	TAA	0	0
mORF_+_1261197	1261197	1261283	+	3	87	ATG	TAG	0	0
mORF_+_1261216	1261216	1261329	+	1	114	GTG	TAG	0	0
mORF_+_1261256	1261256	1261744	+	2	489	ATG	TGA	0	0
mORF_+_1261455	1261455	1261463	+	3	9	TTG	TAA	0	0
mORF_+_1261506	1261506	1261547	+	3	42	TTG	TAA	0	0
mORF_+_1261579	1261579	1261623	+	1	45	GTG	TAG	0	0
mORF_+_1261654	1261654	1261725	+	1	72	ATG	TAG	0	0
mORF_+_1261732	1261732	1261749	+	1	18	TTG	TAA	0	0
mORF_+_1261749	1261749	1261826	+	3	78	ATG	TGA	0	0
mORF_+_1261772	1261772	1261993	+	2	222	TTG	TAA	0	0
mORF_+_1261915	1261915	1261941	+	1	27	ATG	TAA	0	0
mORF_+_1262014	1262014	1262058	+	1	45	TTG	TAA	0	0
mORF_+_1262021	1262021	1262029	+	2	9	GTG	TAA	0	0
mORF_+_1262051	1262051	1262134	+	2	84	ATG	TGA	0	0
mORF_+_1262073	1262073	1262129	+	3	57	TTG	TAA	0	0
mORF_+_1262131	1262131	1262142	+	1	12	TTG	TGA	0	0
mORF_+_1262139	1262139	1262300	+	3	162	TTG	TAA	0	0
mORF_+_1262152	1262152	1262199	+	1	48	GTG	TAA	0	0
mORF_+_1262224	1262224	1262241	+	1	18	TTG	TAG	0	0
mORF_+_1262275	1262275	1262280	+	1	6	TTG	TAG	0	0

mORF_+_1262285	1262285	1262329	+	2	45	TTG	TGA	0	0	
mORF_+_1262326	1262326	1262388	+	1	63	TTG	TAA	0	0	
mORF_+_1262336	1262336	1262467	+	2	132	TTG	TAG	0	0	
mORF_+_1262401	1262401	1262430	+	1	30	TTG	TGA	0	0	
mORF_+_1262427	1262427	1262690	+	3	264	TTG	TAG	0	0	
mORF_+_1262449	1262449	1262484	+	1	36	GTG	TAG	0	0	
mORF_+_1262581	1262581	1262598	+	1	18	TTG	TGA	0	0	
mORF_+_1262612	1262612	1262653	+	2	42	GTG	TAA	0	0	
mORF_+_1262629	1262629	1262742	+	1	114	TTG	TGA	0	0	
mORF_+_1262739	1262739	1264193	+	3	1455	TTG	TAG	1	2	pORF_+_1262739
mORF_+_1262749	1262749	1262760	+	1	12	TTG	TAA	0	0	
mORF_+_1262767	1262767	1262826	+	1	60	ATG	TAA	0	0	
mORF_+_1262795	1262795	1262812	+	2	18	ATG	TAA	0	0	
mORF_+_1262813	1262813	1262890	+	2	78	TTG	TGA	0	0	
mORF_+_1262887	1262887	1262904	+	1	18	ATG	TAA	0	0	
mORF_+_1262995	1262995	1263144	+	1	150	GTG	TAA	0	0	
mORF_+_1263083	1263083	1263109	+	2	27	GTG	TAG	0	0	
mORF_+_1263155	1263155	1263175	+	2	21	TTG	TAA	0	0	
mORF_+_1263175	1263175	1263237	+	1	63	ATG	TAA	0	0	
mORF_+_1263241	1263241	1263336	+	1	96	GTG	TGA	0	0	
mORF_+_1263412	1263412	1263501	+	1	90	GTG	TAG	0	0	
mORF_+_1263443	1263443	1263469	+	2	27	TTG	TGA	0	0	
mORF_+_1263589	1263589	1263627	+	1	39	GTG	TGA	0	0	
mORF_+_1263628	1263628	1263636	+	1	9	TTG	TGA	0	0	
mORF_+_1263637	1263637	1263735	+	1	99	GTG	TAA	0	0	
mORF_+_1263772	1263772	1264014	+	1	243	TTG	TAA	0	0	
mORF_+_1263938	1263938	1264009	+	2	72	GTG	TGA	0	0	
mORF_+_1264036	1264036	1264089	+	1	54	TTG	TGA	0	0	
mORF_+_1264079	1264079	1264093	+	2	15	ATG	TAA	0	0	
mORF_+_1264105	1264105	1264161	+	1	57	ATG	TGA	0	0	
mORF_+_1264221	1264221	1264238	+	3	18	GTG	TGA	0	0	
mORF_+_1264235	1264235	1265317	+	2	1083	ATG	TAA	19	129	pORF_+_1264235
mORF_+_1264251	1264251	1264370	+	3	120	TTG	TAA	0	0	
mORF_+_1264371	1264371	1264436	+	3	66	GTG	TGA	0	0	
mORF_+_1264443	1264443	1264673	+	3	231	ATG	TAG	0	0	
mORF_+_1264695	1264695	1264760	+	3	66	GTG	TGA	0	0	
mORF_+_1264764	1264764	1264850	+	3	87	TTG	TAA	0	0	
mORF_+_1264834	1264834	1264866	+	1	33	TTG	TGA	0	0	
mORF_+_1264905	1264905	1265207	+	3	303	TTG	TGA	0	0	
mORF_+_1265002	1265002	1265028	+	1	27	ATG	TAA	0	0	
mORF_+_1265223	1265223	1265231	+	3	9	ATG	TGA	0	0	
mORF_+_1265256	1265256	1265342	+	3	87	TTG	TGA	0	0	
mORF_+_1265317	1265317	1266150	+	1	834	ATG	TGA	1	2	pORF_+_1265317
mORF_+_1265339	1265339	1265350	+	2	12	GTG	TAA	0	0	
mORF_+_1265381	1265381	1265458	+	2	78	GTG	TGA	0	0	
mORF_+_1265469	1265469	1265483	+	3	15	ATG	TGA	0	0	
mORF_+_1265480	1265480	1265494	+	2	15	TTG	TGA	0	0	
mORF_+_1265507	1265507	1265530	+	2	24	ATG	TAA	0	0	
mORF_+_1265564	1265564	1265584	+	2	21	TTG	TAA	0	0	
mORF_+_1265604	1265604	1265639	+	3	36	GTG	TGA	0	0	
mORF_+_1265646	1265646	1265702	+	3	57	TTG	TAG	0	0	
mORF_+_1265684	1265684	1265734	+	2	51	TTG	TAG	0	0	
mORF_+_1265747	1265747	1265833	+	2	87	ATG	TAG	0	0	
mORF_+_1265846	1265846	1265854	+	2	9	TTG	TGA	0	0	
mORF_+_1265855	1265855	1266127	+	2	273	TTG	TAA	0	0	
mORF_+_1266147	1266147	1266539	+	3	393	ATG	TAA	0	0	
mORF_+_1266172	1266172	1266213	+	1	42	GTG	TAA	0	0	
mORF_+_1266256	1266256	1266309	+	1	54	TTG	TAA	0	0	
mORF_+_1266316	1266316	1266324	+	1	9	TTG	TGA	0	0	
mORF_+_1266365	1266365	1266376	+	2	12	GTG	TGA	0	0	
mORF_+_1266385	1266385	1266546	+	1	162	TTG	TGA	0	0	
mORF_+_1266543	1266543	1267352	+	3	810	ATG	TAA	0	0	
mORF_+_1266584	1266584	1266670	+	2	87	GTG	TAG	0	0	

mORF_+_1266640	1266640	1266708	+	1	69	ATG	TAG	0	0	
mORF_+_1266772	1266772	1266816	+	1	45	GTG	TAA	0	0	
mORF_+_1266797	1266797	1266931	+	2	135	ATG	TGA	0	0	
mORF_+_1266832	1266832	1266846	+	1	15	GTG	TAG	0	0	
mORF_+_1266847	1266847	1266900	+	1	54	GTG	TGA	0	0	
mORF_+_1266928	1266928	1266957	+	1	30	TTG	TGA	0	0	
mORF_+_1266932	1266932	1266961	+	2	30	ATG	TAA	0	0	
mORF_+_1266973	1266973	1266984	+	1	12	GTG	TAA	0	0	
mORF_+_1267004	1267004	1267048	+	2	45	ATG	TGA	0	0	
mORF_+_1267045	1267045	1267080	+	1	36	ATG	TAA	0	0	
mORF_+_1267189	1267189	1267212	+	1	24	ATG	TGA	0	0	
mORF_+_1267216	1267216	1267248	+	1	33	ATG	TGA	0	0	
mORF_+_1267229	1267229	1267270	+	2	42	TTG	TGA	0	0	
mORF_+_1267267	1267267	1267302	+	1	36	TTG	TGA	0	0	
mORF_+_1267274	1267274	1267321	+	2	48	GTG	TAA	0	0	
mORF_+_1267306	1267306	1267317	+	1	12	GTG	TAA	0	0	
mORF_+_1267339	1267339	1267356	+	1	18	TTG	TAA	0	0	
mORF_+_1267388	1267388	1268242	+	2	855	ATG	TAA	84	2303	pORF_+_1267388
mORF_+_1267410	1267410	1267427	+	3	18	TTG	TAG	0	0	
mORF_+_1267431	1267431	1267463	+	3	33	ATG	TGA	0	0	
mORF_+_1267498	1267498	1267563	+	1	66	TTG	TGA	0	0	
mORF_+_1267560	1267560	1267622	+	3	63	TTG	TGA	0	0	
mORF_+_1267650	1267650	1267658	+	3	9	TTG	TGA	0	0	
mORF_+_1267701	1267701	1267721	+	3	21	TTG	TGA	0	0	
mORF_+_1267740	1267740	1267790	+	3	51	TTG	TAA	0	0	
mORF_+_1267812	1267812	1267877	+	3	66	TTG	TGA	0	0	
mORF_+_1267882	1267882	1267899	+	1	18	TTG	TAA	0	0	
mORF_+_1267893	1267893	1267949	+	3	57	GTG	TGA	0	0	
mORF_+_1268002	1268002	1268055	+	1	54	ATG	TGA	0	0	
mORF_+_1268016	1268016	1268081	+	3	66	TTG	TAG	0	0	
mORF_+_1268100	1268100	1268189	+	3	90	TTG	TGA	0	0	
mORF_+_1268131	1268131	1268136	+	1	6	ATG	TGA	0	0	
mORF_+_1268196	1268196	1268210	+	3	15	TTG	TGA	0	0	
mORF_+_1268249	1268249	1268263	+	2	15	TTG	TAA	0	0	
mORF_+_1268253	1268253	1268516	+	3	264	TTG	TAA	0	0	
mORF_+_1268299	1268299	1268376	+	1	78	GTG	TGA	0	0	
mORF_+_1268357	1268357	1268416	+	2	60	TTG	TGA	0	0	
mORF_+_1268450	1268450	1268542	+	2	93	GTG	TGA	0	0	
mORF_+_1268476	1268476	1268502	+	1	27	ATG	TAG	0	0	
mORF_+_1268527	1268527	1268724	+	1	198	TTG	TGA	0	0	
mORF_+_1268544	1268544	1268672	+	3	129	TTG	TAA	0	0	
mORF_+_1268597	1268597	1268641	+	2	45	GTG	TAA	0	0	
mORF_+_1268685	1268685	1268738	+	3	54	GTG	TGA	0	0	
mORF_+_1268726	1268726	1268911	+	2	186	ATG	TGA	0	0	
mORF_+_1268742	1268742	1268783	+	3	42	GTG	TGA	0	0	
mORF_+_1268784	1268784	1268837	+	3	54	GTG	TGA	0	0	
mORF_+_1268812	1268812	1269051	+	1	240	TTG	TAA	0	0	
mORF_+_1268892	1268892	1268966	+	3	75	TTG	TAA	0	0	
mORF_+_1268985	1268985	1269077	+	3	93	GTG	TGA	0	0	
mORF_+_1269011	1269011	1269037	+	2	27	ATG	TAG	0	0	
mORF_+_1269062	1269062	1269259	+	2	198	TTG	TGA	0	0	
mORF_+_1269079	1269079	1269207	+	1	129	GTG	TAA	0	0	
mORF_+_1269132	1269132	1269176	+	3	45	GTG	TAA	0	0	
mORF_+_1269220	1269220	1269273	+	1	54	GTG	TAA	0	0	
mORF_+_1269261	1269261	1269446	+	3	186	ATG	TGA	0	0	
mORF_+_1269302	1269302	1269331	+	2	30	TTG	TGA	0	0	
mORF_+_1269319	1269319	1269375	+	1	57	GTG	TAA	0	0	
mORF_+_1269347	1269347	1269586	+	2	240	TTG	TAA	0	0	
mORF_+_1269427	1269427	1269486	+	1	60	TTG	TGA	0	0	
mORF_+_1269520	1269520	1269612	+	1	93	GTG	TGA	0	0	
mORF_+_1269546	1269546	1269572	+	3	27	ATG	TAG	0	0	
mORF_+_1269597	1269597	1269884	+	3	288	TTG	TAA	0	0	
mORF_+_1269614	1269614	1269793	+	2	180	GTG	TGA	0	0	

mORF_+_1269667	1269667	1269711	+	1	45	GTG	TAA	0	0	
mORF_+_1269724	1269724	1269741	+	1	18	TTG	TAA	0	0	
mORF_+_1269754	1269754	1269807	+	1	54	GTG	TGA	0	0	
mORF_+_1269836	1269836	1269880	+	2	45	TTG	TGA	0	0	
mORF_+_1269841	1269841	1269900	+	1	60	GTG	TAG	0	0	
mORF_+_1269902	1269902	1270030	+	2	129	ATG	TGA	0	0	
mORF_+_1270014	1270014	1270076	+	3	63	ATG	TAA	0	0	
mORF_+_1270027	1270027	1270221	+	1	195	TTG	TGA	0	0	
mORF_+_1270112	1270112	1270141	+	2	30	GTG	TAA	0	0	
mORF_+_1270181	1270181	1270300	+	2	120	TTG	TAA	0	0	
mORF_+_1270228	1270228	1270440	+	1	213	TTG	TGA	0	0	
mORF_+_1270331	1270331	1270372	+	2	42	ATG	TAA	0	0	
mORF_+_1270383	1270383	1270547	+	3	165	ATG	TAA	0	0	
mORF_+_1270501	1270501	1270566	+	1	66	TTG	TGA	0	0	
mORF_+_1270532	1270532	1270654	+	2	123	TTG	TGA	0	0	
mORF_+_1270651	1270651	1270752	+	1	102	TTG	TAG	0	0	
mORF_+_1270674	1270674	1270706	+	3	33	TTG	TAA	0	0	
mORF_+_1270706	1270706	1270732	+	2	27	ATG	TAA	0	0	
mORF_+_1270745	1270745	1270816	+	2	72	TTG	TGA	0	0	
mORF_+_1270875	1270875	1270883	+	3	9	ATG	TAA	0	0	
mORF_+_1270893	1270893	1270922	+	3	30	ATG	TAA	0	0	
mORF_+_1270945	1270945	1271061	+	1	117	TTG	TGA	0	0	
mORF_+_1270967	1270967	1271023	+	2	57	GTG	TAA	0	0	
mORF_+_1271037	1271037	1271069	+	3	33	GTG	TGA	0	0	
mORF_+_1271066	1271066	1271095	+	2	30	TTG	TGA	0	0	
mORF_+_1271074	1271074	1271112	+	1	39	ATG	TAA	0	0	
mORF_+_1271139	1271139	1271156	+	3	18	GTG	TAA	0	0	
mORF_+_1271197	1271197	1271226	+	1	30	TTG	TAG	0	0	
mORF_+_1271230	1271230	1271268	+	1	39	ATG	TGA	0	0	
mORF_+_1271234	1271234	1271242	+	2	9	TTG	TAG	0	0	
mORF_+_1271277	1271277	1271294	+	3	18	ATG	TAG	0	0	
mORF_+_1271282	1271282	1271314	+	2	33	TTG	TAA	0	0	
mORF_+_1271298	1271298	1271381	+	3	84	TTG	TAA	0	0	
mORF_+_1271314	1271314	1271352	+	1	39	ATG	TAA	0	0	
mORF_+_1271324	1271324	1271329	+	2	6	TTG	TAA	0	0	
mORF_+_1271342	1271342	1271572	+	2	231	ATG	TAA	2	7	pORF_+_1271342
mORF_+_1271400	1271400	1271522	+	3	123	ATG	TGA	0	0	
mORF_+_1271437	1271437	1271451	+	1	15	ATG	TAA	0	0	
mORF_+_1271526	1271526	1271648	+	3	123	ATG	TAG	0	0	
mORF_+_1271554	1271554	1271562	+	1	9	ATG	TAA	0	0	
mORF_+_1271599	1271599	1271733	+	1	135	GTG	TGA	0	0	
mORF_+_1271612	1271612	1271662	+	2	51	TTG	TGA	0	0	
mORF_+_1271672	1271672	1271728	+	2	57	ATG	TAA	0	0	
mORF_+_1271694	1271694	1272425	+	3	732	TTG	TGA	0	0	
mORF_+_1271740	1271740	1271751	+	1	12	GTG	TGA	0	0	
mORF_+_1271755	1271755	1271895	+	1	141	ATG	TGA	0	0	
mORF_+_1271762	1271762	1271767	+	2	6	TTG	TAA	0	0	
mORF_+_1271801	1271801	1271857	+	2	57	ATG	TGA	0	0	
mORF_+_1271870	1271870	1272151	+	2	282	GTG	TGA	0	0	
mORF_+_1271944	1271944	1271976	+	1	33	TTG	TGA	0	0	
mORF_+_1272016	1272016	1272024	+	1	9	TTG	TGA	0	0	
mORF_+_1272148	1272148	1272174	+	1	27	TTG	TAA	0	0	
mORF_+_1272181	1272181	1272252	+	1	72	TTG	TGA	0	0	
mORF_+_1272253	1272253	1272348	+	1	96	TTG	TGA	0	0	
mORF_+_1272349	1272349	1272369	+	1	21	ATG	TAA	0	0	
mORF_+_1272397	1272397	1272429	+	1	33	ATG	TAA	0	0	
mORF_+_1272442	1272442	1272495	+	1	54	GTG	TGA	0	0	
mORF_+_1272474	1272474	1272479	+	3	6	ATG	TGA	0	0	
mORF_+_1272476	1272476	1272613	+	2	138	GTG	TGA	0	0	
mORF_+_1272505	1272505	1272741	+	1	237	TTG	TAA	0	0	
mORF_+_1272555	1272555	1272563	+	3	9	GTG	TAA	0	0	
mORF_+_1272641	1272641	1272649	+	2	9	ATG	TAG	0	0	
mORF_+_1272683	1272683	1272787	+	2	105	GTG	TAA	0	0	

mORF_+_1272789	1272789	1272887	+	3	99	GTG	TGA	0	0
mORF_+_1272797	1272797	1272907	+	2	111	TTG	TAA	0	0
mORF_+_1272817	1272817	1272849	+	1	33	TTG	TAG	0	0
mORF_+_1272944	1272944	1272967	+	2	24	TTG	TAA	0	0
mORF_+_1272972	1272972	1273010	+	3	39	ATG	TGA	0	0
mORF_+_1273007	1273007	1274401	+	2	1395	TTG	TAA	0	0
mORF_+_1273053	1273053	1273058	+	3	6	TTG	TAG	0	0
mORF_+_1273113	1273113	1273145	+	3	33	TTG	TAG	0	0
mORF_+_1273164	1273164	1273196	+	3	33	ATG	TGA	0	0
mORF_+_1273221	1273221	1273313	+	3	93	ATG	TAG	0	0
mORF_+_1273330	1273330	1273350	+	1	21	GTG	TGA	0	0
mORF_+_1273338	1273338	1273478	+	3	141	ATG	TGA	0	0
mORF_+_1273482	1273482	1273700	+	3	219	ATG	TGA	0	0
mORF_+_1273594	1273594	1273653	+	1	60	GTG	TGA	0	0
mORF_+_1273743	1273743	1273754	+	3	12	GTG	TAG	0	0
mORF_+_1273764	1273764	1273823	+	3	60	TTG	TGA	0	0
mORF_+_1273884	1273884	1273919	+	3	36	GTG	TGA	0	0
mORF_+_1273935	1273935	1274066	+	3	132	TTG	TAA	0	0
mORF_+_1274089	1274089	1274247	+	1	159	GTG	TGA	0	0
mORF_+_1274319	1274319	1274345	+	3	27	GTG	TAA	0	0
mORF_+_1274349	1274349	1274420	+	3	72	TTG	TGA	0	0
mORF_+_1274420	1274420	1274587	+	2	168	ATG	TAA	0	0
mORF_+_1274451	1274451	1274690	+	3	240	TTG	TGA	0	0
mORF_+_1274578	1274578	1274595	+	1	18	GTG	TAA	0	0
mORF_+_1274653	1274653	1274766	+	1	114	ATG	TGA	0	0
mORF_+_1274690	1274690	1274731	+	2	42	ATG	TAA	0	0
mORF_+_1274763	1274763	1275011	+	3	249	GTG	TGA	0	0
mORF_+_1274780	1274780	1274815	+	2	36	ATG	TGA	0	0
mORF_+_1274965	1274965	1274976	+	1	12	GTG	TGA	0	0
mORF_+_1275008	1275008	1275076	+	2	69	GTG	TGA	0	0
mORF_+_1275051	1275051	1275122	+	3	72	ATG	TGA	0	0
mORF_+_1275073	1275073	1275192	+	1	120	GTG	TAG	0	0
mORF_+_1275159	1275159	1275323	+	3	165	TTG	TAA	0	0
mORF_+_1275196	1275196	1275258	+	1	63	TTG	TGA	0	0
mORF_+_1275307	1275307	1275360	+	1	54	TTG	TGA	0	0
mORF_+_1275323	1275323	1275475	+	2	153	ATG	TGA	0	0
mORF_+_1275339	1275339	1275461	+	3	123	TTG	TAA	0	0
mORF_+_1275418	1275418	1275546	+	1	129	TTG	TGA	0	0
mORF_+_1275488	1275488	1275496	+	2	9	ATG	TGA	0	0
mORF_+_1275521	1275521	1275640	+	2	120	ATG	TAG	0	0
mORF_+_1275616	1275616	1275699	+	1	84	ATG	TGA	0	0
mORF_+_1275630	1275630	1275881	+	3	252	TTG	TAA	0	0
mORF_+_1275727	1275727	1275771	+	1	45	GTG	TGA	0	0
mORF_+_1275859	1275859	1275951	+	1	93	GTG	TGA	0	0
mORF_+_1275951	1275951	1276001	+	3	51	ATG	TAG	0	0
mORF_+_1275970	1275970	1276107	+	1	138	GTG	TGA	0	0
mORF_+_1276034	1276034	1276081	+	2	48	GTG	TAG	0	0
mORF_+_1276065	1276065	1276091	+	3	27	ATG	TAA	0	0
mORF_+_1276113	1276113	1276307	+	3	195	ATG	TAG	0	0
mORF_+_1276189	1276189	1276263	+	1	75	TTG	TGA	0	0
mORF_+_1276238	1276238	1276252	+	2	15	TTG	TAA	0	0
mORF_+_1276280	1276280	1276330	+	2	51	TTG	TAA	0	0
mORF_+_1276333	1276333	1276437	+	1	105	GTG	TGA	0	0
mORF_+_1276349	1276349	1276357	+	2	9	GTG	TAA	0	0
mORF_+_1276374	1276374	1276472	+	3	99	ATG	TGA	0	0
mORF_+_1276488	1276488	1276538	+	3	51	TTG	TAA	0	0
mORF_+_1276490	1276490	1276597	+	2	108	GTG	TAA	0	0
mORF_+_1276548	1276548	1276625	+	3	78	TTG	TAA	0	0
mORF_+_1276598	1276598	1276621	+	2	24	ATG	TAA	0	0
mORF_+_1276630	1276630	1276671	+	1	42	TTG	TAA	0	0
mORF_+_1276646	1276646	1276702	+	2	57	ATG	TGA	0	0
mORF_+_1276674	1276674	1276877	+	3	204	TTG	TAA	0	0
mORF_+_1276678	1276678	1276722	+	1	45	ATG	TGA	0	0

mORF_+_1276813	1276813	1276845	+	1	33	GTG	TAA	0	0	
mORF_+_1276867	1276867	1277085	+	1	219	ATG	TGA	0	0	
mORF_+_1276883	1276883	1276933	+	2	51	ATG	TGA	0	0	
mORF_+_1276887	1276887	1276892	+	3	6	ATG	TGA	0	0	
mORF_+_1276926	1276926	1276982	+	3	57	TTG	TAG	0	0	
mORF_+_1276973	1276973	1276999	+	2	27	GTG	TAA	0	0	
mORF_+_1277021	1277021	1277092	+	2	72	GTG	TAA	0	0	
mORF_+_1277082	1277082	1277144	+	3	63	ATG	TAA	0	0	
mORF_+_1277107	1277107	1277382	+	1	276	TTG	TAA	0	0	
mORF_+_1277174	1277174	1278571	+	2	1398	GTG	TAA	0	0	
mORF_+_1277277	1277277	1277360	+	3	84	TTG	TGA	0	0	
mORF_+_1277445	1277445	1277516	+	3	72	GTG	TGA	0	0	
mORF_+_1277524	1277524	1277571	+	1	48	TTG	TAG	0	0	
mORF_+_1277541	1277541	1277687	+	3	147	TTG	TGA	0	0	
mORF_+_1277596	1277596	1277775	+	1	180	ATG	TAG	0	0	
mORF_+_1277688	1277688	1277882	+	3	195	ATG	TGA	0	0	
mORF_+_1277833	1277833	1278117	+	1	285	ATG	TGA	0	0	
mORF_+_1277889	1277889	1277957	+	3	69	TTG	TGA	0	0	
mORF_+_1278009	1278009	1278149	+	3	141	TTG	TGA	0	0	
mORF_+_1278276	1278276	1278296	+	3	21	GTG	TGA	0	0	
mORF_+_1278360	1278360	1278473	+	3	114	GTG	TAA	0	0	
mORF_+_1278549	1278549	1278641	+	3	93	ATG	TAG	0	0	
mORF_+_1278599	1278599	1278694	+	2	96	ATG	TAG	0	0	
mORF_+_1278601	1278601	1278699	+	1	99	GTG	TAA	0	0	
mORF_+_1278705	1278705	1278728	+	3	24	TTG	TGA	0	0	
mORF_+_1278716	1278716	1278841	+	2	126	TTG	TAA	0	0	
mORF_+_1278744	1278744	1278770	+	3	27	ATG	TAA	0	0	
mORF_+_1278777	1278777	1278803	+	3	27	ATG	TAA	0	0	
mORF_+_1278913	1278913	1279038	+	1	126	ATG	TAG	0	0	
mORF_+_1278915	1278915	1278950	+	3	36	GTG	TAG	0	0	
mORF_+_1279022	1279022	1279090	+	2	69	TTG	TGA	0	0	
mORF_+_1279041	1279041	1279094	+	3	54	ATG	TAA	0	0	
mORF_+_1279087	1279087	1282830	+	1	3744	ATG	TGA	2	2	pORF_+_1279087
mORF_+_1279130	1279130	1279243	+	2	114	GTG	TAA	0	0	
mORF_+_1279203	1279203	1279214	+	3	12	TTG	TGA	0	0	
mORF_+_1279349	1279349	1279414	+	2	66	ATG	TGA	0	0	
mORF_+_1279449	1279449	1279457	+	3	9	GTG	TGA	0	0	
mORF_+_1279454	1279454	1279585	+	2	132	GTG	TGA	0	0	
mORF_+_1279491	1279491	1279508	+	3	18	ATG	TGA	0	0	
mORF_+_1279640	1279640	1279714	+	2	75	GTG	TGA	0	0	
mORF_+_1279715	1279715	1279732	+	2	18	TTG	TAA	0	0	
mORF_+_1279725	1279725	1279796	+	3	72	TTG	TGA	0	0	
mORF_+_1279877	1279877	1280026	+	2	150	ATG	TAA	0	0	
mORF_+_1279959	1279959	1280036	+	3	78	GTG	TGA	0	0	
mORF_+_1280033	1280033	1280110	+	2	78	GTG	TGA	0	0	
mORF_+_1280171	1280171	1280341	+	2	171	TTG	TGA	0	0	
mORF_+_1280202	1280202	1280222	+	3	21	ATG	TAA	0	0	
mORF_+_1280286	1280286	1280297	+	3	12	ATG	TGA	0	0	
mORF_+_1280360	1280360	1280377	+	2	18	ATG	TAG	0	0	
mORF_+_1280390	1280390	1280461	+	2	72	TTG	TGA	0	0	
mORF_+_1280480	1280480	1280500	+	2	21	ATG	TGA	0	0	
mORF_+_1280510	1280510	1280518	+	2	9	ATG	TGA	0	0	
mORF_+_1280543	1280543	1280551	+	2	9	GTG	TGA	0	0	
mORF_+_1280564	1280564	1280587	+	2	24	GTG	TGA	0	0	
mORF_+_1280657	1280657	1280701	+	2	45	GTG	TGA	0	0	
mORF_+_1280711	1280711	1280722	+	2	12	GTG	TGA	0	0	
mORF_+_1280753	1280753	1280761	+	2	9	GTG	TGA	0	0	
mORF_+_1280786	1280786	1280824	+	2	39	GTG	TAG	0	0	
mORF_+_1280870	1280870	1280905	+	2	36	TTG	TGA	0	0	
mORF_+_1280940	1280940	1280951	+	3	12	GTG	TGA	0	0	
mORF_+_1280948	1280948	1281016	+	2	69	ATG	TGA	0	0	
mORF_+_1281032	1281032	1281073	+	2	42	GTG	TAG	0	0	
mORF_+_1281170	1281170	1281337	+	2	168	TTG	TGA	0	0	

mORF_+_1281365	1281365	1281481	+	2	117	ATG	TGA	0	0	
mORF_+_1281597	1281597	1281617	+	3	21	GTG	TAA	0	0	
mORF_+_1281650	1281650	1281688	+	2	39	ATG	TGA	0	0	
mORF_+_1281708	1281708	1281728	+	3	21	GTG	TAA	0	0	
mORF_+_1281821	1281821	1281925	+	2	105	ATG	TGA	0	0	
mORF_+_1281935	1281935	1281952	+	2	18	TTG	TGA	0	0	
mORF_+_1282028	1282028	1282051	+	2	24	GTG	TGA	0	0	
mORF_+_1282139	1282139	1282186	+	2	48	ATG	TGA	1	0	pORF_+_1282139
mORF_+_1282191	1282191	1282247	+	3	57	ATG	TGA	0	0	
mORF_+_1282244	1282244	1282300	+	2	57	GTG	TGA	0	0	
mORF_+_1282371	1282371	1282451	+	3	81	GTG	TGA	0	0	
mORF_+_1282427	1282427	1282447	+	2	21	GTG	TGA	0	0	
mORF_+_1282448	1282448	1282522	+	2	75	GTG	TGA	0	0	
mORF_+_1282529	1282529	1282564	+	2	36	GTG	TGA	0	0	
mORF_+_1282628	1282628	1282681	+	2	54	GTG	TGA	0	0	
mORF_+_1282691	1282691	1282732	+	2	42	ATG	TAG	0	0	
mORF_+_1282745	1282745	1282759	+	2	15	ATG	TAG	0	0	
mORF_+_1282778	1282778	1282789	+	2	12	TTG	TAG	0	0	
mORF_+_1282790	1282790	1282825	+	2	36	ATG	TAA	0	0	
mORF_+_1282827	1282827	1284365	+	3	1539	ATG	TGA	3	5	pORF_+_1282827
mORF_+_1282871	1282871	1282906	+	2	36	GTG	TAA	0	0	
mORF_+_1282924	1282924	1283214	+	1	291	GTG	TGA	0	0	
mORF_+_1282943	1282943	1282990	+	2	48	GTG	TGA	0	0	
mORF_+_1283263	1283263	1283358	+	1	96	ATG	TGA	0	0	
mORF_+_1283375	1283375	1283440	+	2	66	GTG	TGA	0	0	
mORF_+_1283401	1283401	1283460	+	1	60	GTG	TGA	0	0	
mORF_+_1283474	1283474	1283545	+	2	72	ATG	TAA	0	0	
mORF_+_1283479	1283479	1283784	+	1	306	GTG	TGA	0	0	
mORF_+_1283555	1283555	1283581	+	2	27	GTG	TGA	0	0	
mORF_+_1283600	1283600	1283668	+	2	69	GTG	TGA	0	0	
mORF_+_1283791	1283791	1284009	+	1	219	TTG	TGA	0	0	
mORF_+_1283834	1283834	1283935	+	2	102	ATG	TGA	0	0	
mORF_+_1284016	1284016	1284045	+	1	30	GTG	TGA	0	0	
mORF_+_1284076	1284076	1284132	+	1	57	GTG	TGA	0	0	
mORF_+_1284172	1284172	1284339	+	1	168	TTG	TGA	0	0	
mORF_+_1284362	1284362	1285072	+	2	711	ATG	TAA	2	5	pORF_+_1284362
mORF_+_1284378	1284378	1284512	+	3	135	TTG	TAA	0	0	
mORF_+_1284415	1284415	1284441	+	1	27	ATG	TGA	0	0	
mORF_+_1284531	1284531	1284677	+	3	147	ATG	TAA	0	0	
mORF_+_1284810	1284810	1284848	+	3	39	GTG	TGA	0	0	
mORF_+_1284894	1284894	1285046	+	3	153	TTG	TGA	0	0	
mORF_+_1285072	1285072	1285749	+	1	678	ATG	TAA	0	0	
mORF_+_1285097	1285097	1285117	+	2	21	TTG	TAG	0	0	
mORF_+_1285136	1285136	1285216	+	2	81	TTG	TGA	0	0	
mORF_+_1285259	1285259	1285285	+	2	27	TTG	TGA	0	0	
mORF_+_1285301	1285301	1285327	+	2	27	ATG	TGA	0	0	
mORF_+_1285346	1285346	1285378	+	2	33	TTG	TGA	0	0	
mORF_+_1285371	1285371	1285532	+	3	162	GTG	TAG	0	0	
mORF_+_1285379	1285379	1285399	+	2	21	TTG	TGA	0	0	
mORF_+_1285427	1285427	1285456	+	2	30	GTG	TGA	0	0	
mORF_+_1285550	1285550	1285573	+	2	24	TTG	TGA	0	0	
mORF_+_1285583	1285583	1285648	+	2	66	GTG	TGA	0	0	
mORF_+_1285794	1285794	1285862	+	3	69	ATG	TAG	0	0	
mORF_+_1285810	1285810	1285896	+	1	87	GTG	TAG	0	0	
mORF_+_1285874	1285874	1285906	+	2	33	GTG	TAA	0	0	
mORF_+_1285913	1285913	1285924	+	2	12	TTG	TAA	0	0	
mORF_+_1285932	1285932	1286207	+	3	276	ATG	TAG	0	0	
mORF_+_1285984	1285984	1286070	+	1	87	TTG	TGA	0	0	
mORF_+_1286054	1286054	1286086	+	2	33	TTG	TGA	0	0	
mORF_+_1286071	1286071	1286460	+	1	390	TTG	TGA	0	0	
mORF_+_1286162	1286162	1286188	+	2	27	TTG	TGA	0	0	
mORF_+_1286232	1286232	1286264	+	3	33	ATG	TGA	0	0	
mORF_+_1286249	1286249	1286854	+	2	606	TTG	TAA	0	0	

mORF_+_1286340	1286340	1286426	+	3	87	TTG	TAA	0	0	
mORF_+_1286427	1286427	1286576	+	3	150	TTG	TAA	0	0	
mORF_+_1286530	1286530	1286559	+	1	30	TTG	TAA	0	0	
mORF_+_1286580	1286580	1286756	+	3	177	TTG	TGA	0	0	
mORF_+_1286710	1286710	1286799	+	1	90	GTG	TGA	0	0	
mORF_+_1286760	1286760	1286909	+	3	150	ATG	TGA	0	0	
mORF_+_1286824	1286824	1286922	+	1	99	TTG	TAA	0	0	
mORF_+_1286906	1286906	1286935	+	2	30	ATG	TGA	0	0	
mORF_+_1286932	1286932	1286970	+	1	39	TTG	TAA	0	0	
mORF_+_1286995	1286995	1287015	+	1	21	TTG	TAA	0	0	
mORF_+_1287046	1287046	1287147	+	1	102	GTG	TAA	0	0	
mORF_+_1287057	1287057	1287128	+	3	72	TTG	TAG	0	0	
mORF_+_1287131	1287131	1287277	+	2	147	ATG	TGA	0	0	
mORF_+_1287156	1287156	1287194	+	3	39	ATG	TAG	0	0	
mORF_+_1287163	1287163	1287213	+	1	51	TTG	TAA	0	0	
mORF_+_1287250	1287250	1287261	+	1	12	GTG	TAA	0	0	
mORF_+_1287274	1287274	1287291	+	1	18	ATG	TGA	0	0	
mORF_+_1287278	1287278	1287331	+	2	54	ATG	TAA	0	0	
mORF_+_1287288	1287288	1287362	+	3	75	TTG	TAG	0	0	
mORF_+_1287310	1287310	1287498	+	1	189	GTG	TAA	0	0	
mORF_+_1287368	1287368	1287421	+	2	54	TTG	TAA	0	0	
mORF_+_1287381	1287381	1287401	+	3	21	ATG	TGA	0	0	
mORF_+_1287411	1287411	1287530	+	3	120	TTG	TAA	0	0	
mORF_+_1287428	1287428	1287478	+	2	51	ATG	TAA	0	0	
mORF_+_1287485	1287485	1287754	+	2	270	GTG	TAA	0	0	
mORF_+_1287531	1287531	1287722	+	3	192	TTG	TGA	0	0	
mORF_+_1287637	1287637	1287675	+	1	39	ATG	TAA	0	0	
mORF_+_1287735	1287735	1287767	+	3	33	TTG	TAG	0	0	
mORF_+_1287758	1287758	1287841	+	2	84	GTG	TGA	0	0	
mORF_+_1287774	1287774	1287932	+	3	159	TTG	TGA	0	0	
mORF_+_1287784	1287784	1287816	+	1	33	GTG	TAG	0	0	
mORF_+_1287838	1287838	1287867	+	1	30	GTG	TGA	0	0	
mORF_+_1287842	1287842	1287880	+	2	39	ATG	TAA	0	0	
mORF_+_1287874	1287874	1287987	+	1	114	TTG	TAG	0	0	
mORF_+_1287971	1287971	1288057	+	2	87	GTG	TAA	0	0	
mORF_+_1287993	1287993	1288172	+	3	180	TTG	TAA	0	0	
mORF_+_1288087	1288087	1288215	+	1	129	TTG	TAA	0	0	
mORF_+_1288194	1288194	1288211	+	3	18	ATG	TAA	0	0	
mORF_+_1288224	1288224	1288313	+	3	90	TTG	TAG	0	0	
mORF_+_1288255	1288255	1288299	+	1	45	ATG	TAA	0	0	
mORF_+_1288274	1288274	1288390	+	2	117	GTG	TAA	0	0	
mORF_+_1288407	1288407	1288424	+	3	18	ATG	TAG	0	0	
mORF_+_1288427	1288427	1288468	+	2	42	ATG	TAA	0	0	
mORF_+_1288429	1288429	1289373	+	1	945	GTG	TGA	3	7	pORF_+_1288429
mORF_+_1288518	1288518	1288541	+	3	24	TTG	TAA	0	0	
mORF_+_1288529	1288529	1288549	+	2	21	TTG	TAA	0	0	
mORF_+_1288562	1288562	1288654	+	2	93	TTG	TGA	0	0	
mORF_+_1288584	1288584	1288829	+	3	246	ATG	TGA	0	0	
mORF_+_1288673	1288673	1288687	+	2	15	ATG	TGA	0	0	
mORF_+_1288709	1288709	1288756	+	2	48	GTG	TAA	0	0	
mORF_+_1288793	1288793	1288816	+	2	24	TTG	TAA	0	0	
mORF_+_1288826	1288826	1288993	+	2	168	GTG	TGA	0	0	
mORF_+_1288833	1288833	1288844	+	3	12	ATG	TGA	0	0	
mORF_+_1288875	1288875	1288913	+	3	39	ATG	TAA	0	0	
mORF_+_1289000	1289000	1289026	+	2	27	TTG	TGA	0	0	
mORF_+_1289051	1289051	1289107	+	2	57	ATG	TGA	0	0	
mORF_+_1289091	1289091	1289207	+	3	117	GTG	TAA	0	0	
mORF_+_1289225	1289225	1289245	+	2	21	GTG	TGA	0	0	
mORF_+_1289256	1289256	1289279	+	3	24	TTG	TGA	0	0	
mORF_+_1289276	1289276	1289401	+	2	126	TTG	TAA	0	0	
mORF_+_1289370	1289370	1289396	+	3	27	TTG	TAA	0	0	
mORF_+_1289417	1289417	1289440	+	2	24	GTG	TGA	0	0	
mORF_+_1289428	1289428	1289505	+	1	78	ATG	TGA	0	0	

mORF_+_1289465	1289465	1290478	+	2	1014	ATG	TGA	3	9	pORF_+_1289465
mORF_+_1289499	1289499	1289627	+	3	129	TTG	TGA	0	0	
mORF_+_1289539	1289539	1289580	+	1	42	ATG	TGA	0	0	
mORF_+_1289632	1289632	1289637	+	1	6	ATG	TGA	0	0	
mORF_+_1289634	1289634	1289657	+	3	24	GTG	TGA	0	0	
mORF_+_1289745	1289745	1289786	+	3	42	TTG	TGA	0	0	
mORF_+_1289826	1289826	1289966	+	3	141	TTG	TGA	0	0	
mORF_+_1289974	1289974	1289985	+	1	12	TTG	TAA	0	0	
mORF_+_1290000	1290000	1290200	+	3	201	TTG	TGA	0	0	
mORF_+_1290067	1290067	1290075	+	1	9	TTG	TGA	0	0	
mORF_+_1290258	1290258	1290281	+	3	24	TTG	TGA	0	0	
mORF_+_1290312	1290312	1290323	+	3	12	ATG	TAA	0	0	
mORF_+_1290354	1290354	1290368	+	3	15	ATG	TAG	0	0	
mORF_+_1290409	1290409	1290489	+	1	81	ATG	TAA	0	0	
mORF_+_1290414	1290414	1290461	+	3	48	ATG	TGA	0	0	
mORF_+_1290502	1290502	1290615	+	1	114	TTG	TGA	0	0	
mORF_+_1290527	1290527	1290553	+	2	27	GTG	TAA	0	0	
mORF_+_1290558	1290558	1290566	+	3	9	TTG	TAA	0	0	
mORF_+_1290569	1290569	1290598	+	2	30	ATG	TAG	0	0	
mORF_+_1290609	1290609	1290734	+	3	126	GTG	TAG	0	0	
mORF_+_1290625	1290625	1290693	+	1	69	ATG	TAA	0	0	
mORF_+_1290680	1290680	1291588	+	2	909	ATG	TAA	64	899	pORF_+_1290680
mORF_+_1290786	1290786	1290803	+	3	18	TTG	TAA	0	0	
mORF_+_1290819	1290819	1290938	+	3	120	ATG	TAA	0	0	
mORF_+_1290823	1290823	1290846	+	1	24	ATG	TGA	0	0	
mORF_+_1290951	1290951	1290986	+	3	36	TTG	TGA	0	0	
mORF_+_1290970	1290970	1291062	+	1	93	TTG	TGA	0	0	
mORF_+_1291041	1291041	1291055	+	3	15	GTG	TAG	0	0	
mORF_+_1291059	1291059	1291073	+	3	15	GTG	TAG	0	0	
mORF_+_1291089	1291089	1291145	+	3	57	ATG	TGA	0	0	
mORF_+_1291155	1291155	1291205	+	3	51	TTG	TGA	0	0	
mORF_+_1291212	1291212	1291244	+	3	33	ATG	TAG	0	0	
mORF_+_1291225	1291225	1291239	+	1	15	TTG	TGA	0	0	
mORF_+_1291251	1291251	1291280	+	3	30	GTG	TAG	0	0	
mORF_+_1291296	1291296	1291424	+	3	129	ATG	TGA	0	0	
mORF_+_1291351	1291351	1291389	+	1	39	TTG	TGA	0	0	
mORF_+_1291470	1291470	1291490	+	3	21	ATG	TAG	0	0	
mORF_+_1291509	1291509	1291661	+	3	153	TTG	TAA	0	0	
mORF_+_1291600	1291600	1291623	+	1	24	GTG	TGA	0	0	
mORF_+_1291663	1291663	1291671	+	1	9	TTG	TAA	0	0	
mORF_+_1291715	1291715	1291852	+	2	138	GTG	TAG	0	0	
mORF_+_1291735	1291735	1292049	+	1	315	TTG	TAA	0	0	
mORF_+_1291779	1291779	1291790	+	3	12	TTG	TGA	0	0	
mORF_+_1291860	1291860	1291883	+	3	24	TTG	TAG	0	0	
mORF_+_1291886	1291886	1292188	+	2	303	TTG	TAA	0	0	
mORF_+_1292079	1292079	1292132	+	3	54	GTG	TAA	0	0	
mORF_+_1292133	1292133	1292150	+	3	18	GTG	TAG	0	0	
mORF_+_1292167	1292167	1292202	+	1	36	TTG	TAA	0	0	
mORF_+_1292172	1292172	1292183	+	3	12	GTG	TGA	0	0	
mORF_+_1292209	1292209	1292283	+	1	75	TTG	TAA	0	0	
mORF_+_1292211	1292211	1292219	+	3	9	GTG	TAG	0	0	
mORF_+_1292226	1292226	1292231	+	3	6	ATG	TAA	0	0	
mORF_+_1292243	1292243	1292269	+	2	27	TTG	TAA	0	0	
mORF_+_1292326	1292326	1292448	+	1	123	ATG	TAA	0	0	
mORF_+_1292364	1292364	1292393	+	3	30	ATG	TAG	0	0	
mORF_+_1292423	1292423	1292494	+	2	72	TTG	TAG	0	0	
mORF_+_1292485	1292485	1292562	+	1	78	ATG	TAG	0	0	
mORF_+_1292534	1292534	1292590	+	2	57	TTG	TAA	0	0	
mORF_+_1292553	1292553	1292558	+	3	6	TTG	TGA	0	0	
mORF_+_1292603	1292603	1292608	+	2	6	TTG	TAA	0	0	
mORF_+_1292608	1292608	1292685	+	1	78	ATG	TGA	0	0	
mORF_+_1292627	1292627	1292680	+	2	54	ATG	TGA	0	0	
mORF_+_1292667	1292667	1292693	+	3	27	GTG	TGA	0	0	

mORF_+_1292700	1292700	1292750	+	3	51	ATG	TGA	0	0	
mORF_+_1292743	1292743	1292793	+	1	51	GTG	TAA	0	0	
mORF_+_1292750	1292750	1293367	+	2	618	ATG	TAA	8	12	pORF_+_1292750
mORF_+_1292784	1292784	1292909	+	3	126	ATG	TAG	0	0	
mORF_+_1292955	1292955	1293026	+	3	72	TTG	TAA	0	0	
mORF_+_1292995	1292995	1293009	+	1	15	TTG	TGA	0	0	
mORF_+_1293013	1293013	1293045	+	1	33	ATG	TGA	0	0	
mORF_+_1293042	1293042	1293173	+	3	132	ATG	TAA	0	0	
mORF_+_1293085	1293085	1293117	+	1	33	TTG	TGA	0	0	
mORF_+_1293148	1293148	1293168	+	1	21	ATG	TGA	0	0	
mORF_+_1293187	1293187	1293198	+	1	12	TTG	TAA	0	0	
mORF_+_1293189	1293189	1293263	+	3	75	GTG	TAA	0	0	
mORF_+_1293264	1293264	1293335	+	3	72	TTG	TAA	0	0	
mORF_+_1293292	1293292	1293300	+	1	9	ATG	TAA	0	0	
mORF_+_1293390	1293390	1293497	+	3	108	GTG	TAA	0	0	
mORF_+_1293507	1293507	1293524	+	3	18	TTG	TAA	0	0	
mORF_+_1293512	1293512	1293517	+	2	6	TTG	TGA	0	0	
mORF_+_1293514	1293514	1293546	+	1	33	GTG	TAG	0	0	
mORF_+_1293539	1293539	1293571	+	2	33	GTG	TGA	0	0	
mORF_+_1293568	1293568	1293615	+	1	48	ATG	TAA	0	0	
mORF_+_1293581	1293581	1293685	+	2	105	ATG	TAA	0	0	
mORF_+_1293594	1293594	1293656	+	3	63	ATG	TAA	0	0	
mORF_+_1293670	1293670	1293696	+	1	27	ATG	TGA	0	0	
mORF_+_1293693	1293693	1293704	+	3	12	TTG	TAA	0	0	
mORF_+_1293717	1293717	1293743	+	3	27	TTG	TGA	0	0	
mORF_+_1293740	1293740	1293913	+	2	174	ATG	TAA	0	0	
mORF_+_1293769	1293769	1293801	+	1	33	ATG	TGA	0	0	
mORF_+_1293798	1293798	1293935	+	3	138	GTG	TAA	0	0	
mORF_+_1293862	1293862	1294044	+	1	183	GTG	TAA	0	0	
mORF_+_1293950	1293950	1293997	+	2	48	ATG	TAA	0	0	
mORF_+_1293999	1293999	1294061	+	3	63	GTG	TAA	0	0	
mORF_+_1294022	1294022	1294027	+	2	6	ATG	TGA	0	0	
mORF_+_1294085	1294085	1294108	+	2	24	GTG	TAA	0	0	
mORF_+_1294089	1294089	1294142	+	3	54	ATG	TGA	0	0	
mORF_+_1294146	1294146	1294382	+	3	237	GTG	TAA	0	0	
mORF_+_1294157	1294157	1294198	+	2	42	ATG	TAA	0	0	
mORF_+_1294168	1294168	1294266	+	1	99	TTG	TGA	0	0	
mORF_+_1294217	1294217	1294279	+	2	63	GTG	TGA	0	0	
mORF_+_1294276	1294276	1294398	+	1	123	GTG	TAA	0	0	
mORF_+_1294355	1294355	1294423	+	2	69	TTG	TGA	0	0	
mORF_+_1294420	1294420	1294479	+	1	60	ATG	TAG	0	0	
mORF_+_1294457	1294457	1294615	+	2	159	GTG	TAA	0	0	
mORF_+_1294480	1294480	1294593	+	1	114	TTG	TAA	0	0	
mORF_+_1294482	1294482	1294502	+	3	21	GTG	TAA	0	0	
mORF_+_1294539	1294539	1294547	+	3	9	GTG	TAA	0	0	
mORF_+_1294563	1294563	1294580	+	3	18	TTG	TAG	0	0	
mORF_+_1294626	1294626	1294703	+	3	78	TTG	TAG	0	0	
mORF_+_1294646	1294646	1294672	+	2	27	ATG	TAA	0	0	
mORF_+_1294820	1294820	1294885	+	2	66	GTG	TGA	0	0	
mORF_+_1294836	1294836	1294904	+	3	69	ATG	TAG	0	0	
mORF_+_1294944	1294944	1294967	+	3	24	ATG	TAG	0	0	
mORF_+_1294986	1294986	1295057	+	3	72	GTG	TGA	0	0	
mORF_+_1295002	1295002	1295175	+	1	174	GTG	TGA	0	0	
mORF_+_1295058	1295058	1295102	+	3	45	ATG	TAA	0	0	
mORF_+_1295069	1295069	1295095	+	2	27	TTG	TAG	0	0	
mORF_+_1295124	1295124	1295222	+	3	99	TTG	TAG	0	0	
mORF_+_1295162	1295162	1295179	+	2	18	TTG	TGA	0	0	
mORF_+_1295176	1295176	1296993	+	1	1818	GTG	TGA	0	0	
mORF_+_1295310	1295310	1295429	+	3	120	GTG	TAA	0	0	
mORF_+_1295369	1295369	1295377	+	2	9	ATG	TGA	0	0	
mORF_+_1295420	1295420	1295473	+	2	54	ATG	TAG	0	0	
mORF_+_1295528	1295528	1295605	+	2	78	GTG	TAG	0	0	
mORF_+_1295681	1295681	1295854	+	2	174	ATG	TGA	0	0	

mORF_+_1295748	1295748	1295849	+	3	102	TTG	TGA	0	0
mORF_+_1295867	1295867	1295965	+	2	99	TTG	TAG	0	0
mORF_+_1295940	1295940	1295969	+	3	30	TTG	TAG	0	0
mORF_+_1295981	1295981	1296142	+	2	162	TTG	TGA	0	0
mORF_+_1296102	1296102	1296113	+	3	12	GTG	TGA	0	0
mORF_+_1296152	1296152	1296187	+	2	36	GTG	TGA	0	0
mORF_+_1296227	1296227	1296247	+	2	21	GTG	TGA	0	0
mORF_+_1296318	1296318	1296461	+	3	144	TTG	TAG	0	0
mORF_+_1296395	1296395	1296442	+	2	48	TTG	TAG	0	0
mORF_+_1296543	1296543	1296665	+	3	123	TTG	TGA	0	0
mORF_+_1296620	1296620	1296832	+	2	213	TTG	TGA	0	0
mORF_+_1296738	1296738	1296749	+	3	12	ATG	TAA	0	0
mORF_+_1296804	1296804	1296812	+	3	9	GTG	TAG	0	0
mORF_+_1296902	1296902	1297108	+	2	207	TTG	TAG	0	0
mORF_+_1296918	1296918	1296944	+	3	27	TTG	TAA	0	0
mORF_+_1296990	1296990	1297004	+	3	15	TTG	TAG	0	0
mORF_+_1297035	1297035	1297049	+	3	15	TTG	TAG	0	0
mORF_+_1297112	1297112	1297117	+	2	6	TTG	TAG	0	0
mORF_+_1297135	1297135	1297437	+	1	303	GTG	TGA	0	0
mORF_+_1297142	1297142	1297264	+	2	123	TTG	TGA	0	0
mORF_+_1297200	1297200	1297268	+	3	69	GTG	TGA	0	0
mORF_+_1297265	1297265	1297357	+	2	93	GTG	TGA	0	0
mORF_+_1297311	1297311	1297319	+	3	9	GTG	TAA	0	0
mORF_+_1297410	1297410	1297418	+	3	9	GTG	TGA	0	0
mORF_+_1297415	1297415	1297498	+	2	84	GTG	TAG	0	0
mORF_+_1297434	1297434	1297481	+	3	48	ATG	TAA	0	0
mORF_+_1297513	1297513	1297536	+	1	24	ATG	TAA	0	0
mORF_+_1297568	1297568	1297597	+	2	30	GTG	TGA	0	0
mORF_+_1297644	1297644	1297649	+	3	6	TTG	TAG	0	0
mORF_+_1297651	1297651	1297671	+	1	21	ATG	TAG	0	0
mORF_+_1297656	1297656	1297706	+	3	51	TTG	TGA	0	0
mORF_+_1297673	1297673	1297693	+	2	21	ATG	TAA	0	0
mORF_+_1297678	1297678	1297689	+	1	12	TTG	TAG	0	0
mORF_+_1297703	1297703	1297726	+	2	24	ATG	TAG	0	0
mORF_+_1297730	1297730	1297840	+	2	111	GTG	TGA	0	0
mORF_+_1297737	1297737	1297790	+	3	54	ATG	TAA	0	0
mORF_+_1297783	1297783	1297818	+	1	36	ATG	TAA	0	0
mORF_+_1297821	1297821	1298468	+	3	648	GTG	TAA	0	0
mORF_+_1297837	1297837	1297896	+	1	60	TTG	TAG	0	0
mORF_+_1297994	1297994	1298050	+	2	57	GTG	TGA	0	0
mORF_+_1298035	1298035	1298085	+	1	51	TTG	TGA	0	0
mORF_+_1298116	1298116	1298202	+	1	87	TTG	TGA	0	0
mORF_+_1298272	1298272	1298376	+	1	105	TTG	TGA	0	0
mORF_+_1298306	1298306	1298419	+	2	114	ATG	TGA	0	0
mORF_+_1298416	1298416	1298565	+	1	150	TTG	TAA	0	0
mORF_+_1298495	1298495	1298650	+	2	156	ATG	TAA	0	0
mORF_+_1298526	1298526	1298561	+	3	36	TTG	TAG	0	0
mORF_+_1298628	1298628	1298672	+	3	45	ATG	TAA	0	0
mORF_+_1298659	1298659	1298676	+	1	18	TTG	TGA	0	0
mORF_+_1298673	1298673	1298681	+	3	9	TTG	TGA	0	0
mORF_+_1298678	1298678	1298725	+	2	48	ATG	TAA	0	0
mORF_+_1298715	1298715	1298783	+	3	69	GTG	TAG	0	0
mORF_+_1298744	1298744	1298770	+	2	27	TTG	TAA	0	0
mORF_+_1298746	1298746	1298793	+	1	48	GTG	TAG	0	0
mORF_+_1298786	1298786	1298812	+	2	27	ATG	TGA	0	0
mORF_+_1298805	1298805	1298831	+	3	27	TTG	TAA	0	0
mORF_+_1298809	1298809	1298817	+	1	9	TTG	TGA	0	0
mORF_+_1298821	1298821	1298913	+	1	93	ATG	TAA	0	0
mORF_+_1298825	1298825	1298851	+	2	27	TTG	TAG	0	0
mORF_+_1298835	1298835	1298858	+	3	24	ATG	TGA	0	0
mORF_+_1298891	1298891	1298965	+	2	75	TTG	TAA	0	0
mORF_+_1298898	1298898	1298978	+	3	81	ATG	TAA	0	0
mORF_+_1298923	1298923	1298985	+	1	63	TTG	TAA	0	0

mORF+_1299005	1299005	1299049	+	2	45	ATG	TGA	0	0	
mORF+_1299007	1299007	1299057	+	1	51	GTG	TGA	0	0	
mORF+_1299080	1299080	1299112	+	2	33	GTG	TGA	0	0	
mORF+_1299134	1299134	1300837	+	2	1704	GTG	TAA	182	8049	pORF+_1299134
mORF+_1299186	1299186	1299209	+	3	24	ATG	TGA	0	0	
mORF+_1299270	1299270	1299362	+	3	93	ATG	TAG	0	0	
mORF+_1299375	1299375	1299692	+	3	318	TTG	TGA	0	0	
mORF+_1299526	1299526	1299534	+	1	9	ATG	TGA	0	0	
mORF+_1299699	1299699	1299716	+	3	18	TTG	TAG	0	0	
mORF+_1299729	1299729	1299863	+	3	135	GTG	TAA	0	0	
mORF+_1299817	1299817	1299834	+	1	18	ATG	TAA	0	0	
mORF+_1299868	1299868	1299897	+	1	30	TTG	TGA	0	0	
mORF+_1299894	1299894	1299947	+	3	54	TTG	TAA	0	0	
mORF+_1299960	1299960	1300013	+	3	54	TTG	TGA	0	0	
mORF+_1300080	1300080	1300163	+	3	84	TTG	TGA	0	0	
mORF+_1300093	1300093	1300116	+	1	24	GTG	TAA	0	0	
mORF+_1300188	1300188	1300202	+	3	15	TTG	TGA	0	0	
mORF+_1300227	1300227	1300265	+	3	39	ATG	TGA	0	0	
mORF+_1300276	1300276	1300305	+	1	30	ATG	TAA	0	0	
mORF+_1300281	1300281	1300361	+	3	81	TTG	TGA	0	0	
mORF+_1300410	1300410	1300448	+	3	39	TTG	TAA	0	0	
mORF+_1300426	1300426	1300464	+	1	39	GTG	TAA	0	0	
mORF+_1300471	1300471	1300512	+	1	42	GTG	TGA	0	0	
mORF+_1300509	1300509	1300565	+	3	57	TTG	TGA	0	0	
mORF+_1300531	1300531	1300539	+	1	9	GTG	TGA	0	0	
mORF+_1300620	1300620	1300646	+	3	27	TTG	TGA	0	0	
mORF+_1300719	1300719	1300742	+	3	24	TTG	TGA	0	0	
mORF+_1300743	1300743	1300757	+	3	15	ATG	TGA	0	0	
mORF+_1300762	1300762	1300800	+	1	39	GTG	TAA	0	0	
mORF+_1300767	1300767	1300829	+	3	63	TTG	TGA	0	0	
mORF+_1300837	1300837	1300929	+	1	93	ATG	TAA	0	0	
mORF+_1300847	1300847	1300918	+	2	72	GTG	TAG	0	0	
mORF+_1300923	1300923	1301843	+	3	921	ATG	TGA	2	6	pORF+_1300923
mORF+_1301089	1301089	1301103	+	1	15	ATG	TGA	0	0	
mORF+_1301140	1301140	1301250	+	1	111	GTG	TAA	0	0	
mORF+_1301257	1301257	1301286	+	1	30	GTG	TAA	0	0	
mORF+_1301300	1301300	1301437	+	2	138	ATG	TAA	0	0	
mORF+_1301338	1301338	1301373	+	1	36	TTG	TAG	0	0	
mORF+_1301383	1301383	1301445	+	1	63	TTG	TGA	0	0	
mORF+_1301488	1301488	1301514	+	1	27	TTG	TGA	0	0	
mORF+_1301515	1301515	1301598	+	1	84	TTG	TAA	0	0	
mORF+_1301641	1301641	1301727	+	1	87	TTG	TGA	0	0	
mORF+_1301731	1301731	1301745	+	1	15	GTG	TAG	0	0	
mORF+_1301767	1301767	1301778	+	1	12	TTG	TAA	0	0	
mORF+_1301791	1301791	1301871	+	1	81	ATG	TAA	0	0	
mORF+_1301858	1301858	1302766	+	2	909	ATG	TAA	0	0	
mORF+_1301901	1301901	1301987	+	3	87	GTG	TGA	0	0	
mORF+_1301932	1301932	1301964	+	1	33	GTG	TAA	0	0	
mORF+_1302012	1302012	1302017	+	3	6	TTG	TAA	0	0	
mORF+_1302042	1302042	1302071	+	3	30	TTG	TGA	0	0	
mORF+_1302108	1302108	1302266	+	3	159	TTG	TAA	0	0	
mORF+_1302402	1302402	1302422	+	3	21	TTG	TGA	0	0	
mORF+_1302444	1302444	1302557	+	3	114	TTG	TGA	0	0	
mORF+_1302564	1302564	1302611	+	3	48	TTG	TAA	0	0	
mORF+_1302621	1302621	1302632	+	3	12	GTG	TGA	0	0	
mORF+_1302633	1302633	1302701	+	3	69	GTG	TGA	0	0	
mORF+_1302664	1302664	1302741	+	1	78	ATG	TGA	0	0	
mORF+_1302729	1302729	1302791	+	3	63	ATG	TGA	0	0	
mORF+_1302770	1302770	1302781	+	2	12	GTG	TGA	0	0	
mORF+_1302778	1302778	1303791	+	1	1014	ATG	TGA	6	48	pORF+_1302778
mORF+_1302788	1302788	1302838	+	2	51	TTG	TGA	0	0	
mORF+_1302854	1302854	1302904	+	2	51	GTG	TGA	0	0	
mORF+_1302917	1302917	1302943	+	2	27	GTG	TAG	0	0	

mORF_+_1302944	1302944	1302985	+	2	42	GTG	TGA	0	0	
mORF_+_1303013	1303013	1303102	+	2	90	TTG	TGA	0	0	
mORF_+_1303148	1303148	1303159	+	2	12	GTG	TGA	0	0	
mORF_+_1303205	1303205	1303237	+	2	33	TTG	TAA	0	0	
mORF_+_1303313	1303313	1303348	+	2	36	TTG	TGA	0	0	
mORF_+_1303329	1303329	1303340	+	3	12	ATG	TAA	0	0	
mORF_+_1303349	1303349	1303402	+	2	54	TTG	TGA	0	0	
mORF_+_1303412	1303412	1303420	+	2	9	ATG	TGA	0	0	
mORF_+_1303463	1303463	1303501	+	2	39	TTG	TAA	0	0	
mORF_+_1303526	1303526	1303627	+	2	102	ATG	TGA	0	0	
mORF_+_1303671	1303671	1303715	+	3	45	TTG	TAG	0	0	
mORF_+_1303697	1303697	1303804	+	2	108	ATG	TGA	0	0	
mORF_+_1303761	1303761	1303769	+	3	9	TTG	TAA	0	0	
mORF_+_1303788	1303788	1304792	+	3	1005	ATG	TAA	11	30	pORF_+_1303788
mORF_+_1303792	1303792	1303800	+	1	9	ATG	TAA	0	0	
mORF_+_1303822	1303822	1303947	+	1	126	TTG	TAG	0	0	
mORF_+_1303871	1303871	1303933	+	2	63	GTG	TGA	0	0	
mORF_+_1303948	1303948	1303956	+	1	9	GTG	TAG	0	0	
mORF_+_1303967	1303967	1303975	+	2	9	ATG	TAA	0	0	
mORF_+_1303984	1303984	1304040	+	1	57	TTG	TAG	0	0	
mORF_+_1304068	1304068	1304103	+	1	36	ATG	TGA	0	0	
mORF_+_1304072	1304072	1304092	+	2	21	ATG	TGA	0	0	
mORF_+_1304275	1304275	1304343	+	1	69	ATG	TGA	0	0	
mORF_+_1304294	1304294	1304332	+	2	39	GTG	TGA	0	0	
mORF_+_1304350	1304350	1304442	+	1	93	GTG	TAA	0	0	
mORF_+_1304455	1304455	1304472	+	1	18	ATG	TAA	0	0	
mORF_+_1304488	1304488	1304499	+	1	12	GTG	TGA	0	0	
mORF_+_1304512	1304512	1304520	+	1	9	ATG	TAG	0	0	
mORF_+_1304533	1304533	1304580	+	1	48	ATG	TGA	0	0	
mORF_+_1304678	1304678	1304878	+	2	201	TTG	TGA	0	0	
mORF_+_1304680	1304680	1304775	+	1	96	GTG	TGA	0	0	
mORF_+_1304812	1304812	1304895	+	1	84	TTG	TAA	0	0	
mORF_+_1304900	1304900	1305055	+	2	156	ATG	TGA	0	0	
mORF_+_1304995	1304995	1305027	+	1	33	ATG	TAA	0	0	
mORF_+_1305059	1305059	1305121	+	2	63	TTG	TAG	0	0	
mORF_+_1305155	1305155	1305262	+	2	108	TTG	TAA	0	0	
mORF_+_1305198	1305198	1305233	+	3	36	TTG	TAA	0	0	
mORF_+_1305262	1305262	1305372	+	1	111	ATG	TAA	0	0	
mORF_+_1305414	1305414	1305482	+	3	69	GTG	TGA	0	0	
mORF_+_1305458	1305458	1305466	+	2	9	ATG	TAA	0	0	
mORF_+_1305520	1305520	1305573	+	1	54	ATG	TAA	0	0	
mORF_+_1305603	1305603	1305617	+	3	15	GTG	TGA	0	0	
mORF_+_1305614	1305614	1305622	+	2	9	ATG	TAA	0	0	
mORF_+_1305631	1305631	1305657	+	1	27	TTG	TGA	0	0	
mORF_+_1305648	1305648	1305680	+	3	33	GTG	TAA	0	0	
mORF_+_1305694	1305694	1305708	+	1	15	ATG	TGA	0	0	
mORF_+_1305701	1305701	1306024	+	2	324	GTG	TAA	0	0	
mORF_+_1305705	1305705	1305746	+	3	42	ATG	TGA	0	0	
mORF_+_1305739	1305739	1305780	+	1	42	TTG	TAA	0	0	
mORF_+_1305747	1305747	1305755	+	3	9	ATG	TGA	0	0	
mORF_+_1305783	1305783	1305845	+	3	63	TTG	TAA	0	0	
mORF_+_1305793	1305793	1305849	+	1	57	GTG	TAA	0	0	
mORF_+_1305861	1305861	1305932	+	3	72	GTG	TAG	0	0	
mORF_+_1305951	1305951	1305974	+	3	24	ATG	TAA	0	0	
mORF_+_1305984	1305984	1306151	+	3	168	ATG	TGA	0	0	
mORF_+_1306148	1306148	1306177	+	2	30	ATG	TAA	0	0	
mORF_+_1306152	1306152	1306223	+	3	72	ATG	TAA	0	0	
mORF_+_1306177	1306177	1306323	+	1	147	ATG	TGA	0	0	
mORF_+_1306241	1306241	1306270	+	2	30	ATG	TAA	0	0	
mORF_+_1306257	1306257	1306313	+	3	57	ATG	TGA	0	0	
mORF_+_1306304	1306304	1306309	+	2	6	TTG	TAG	0	0	
mORF_+_1306320	1306320	1306340	+	3	21	TTG	TGA	0	0	
mORF_+_1306356	1306356	1306508	+	3	153	TTG	TAG	0	0	

mORF+_1306363	1306363	1306416	+	1	54	ATG	TAA	0	0
mORF+_1306400	1306400	1306483	+	2	84	ATG	TAA	0	0
mORF+_1306432	1306432	1306515	+	1	84	TTG	TAA	0	0
mORF+_1306484	1306484	1306525	+	2	42	ATG	TAA	0	0
mORF+_1306533	1306533	1306538	+	3	6	ATG	TAA	0	0
mORF+_1306590	1306590	1306658	+	3	69	ATG	TAA	0	0
mORF+_1306663	1306663	1306671	+	1	9	TTG	TAG	0	0
mORF+_1306685	1306685	1306735	+	2	51	TTG	TAA	0	0
mORF+_1306696	1306696	1306704	+	1	9	TTG	TGA	0	0
mORF+_1306701	1306701	1306985	+	3	285	ATG	TAA	0	0
mORF+_1306768	1306768	1306779	+	1	12	GTG	TAA	0	0
mORF+_1306880	1306880	1306888	+	2	9	TTG	TGA	0	0
mORF+_1306885	1306885	1306941	+	1	57	TTG	TAA	0	0
mORF+_1306931	1306931	1306954	+	2	24	GTG	TAA	0	0
mORF+_1306966	1306966	1307016	+	1	51	TTG	TAA	0	0
mORF+_1306986	1306986	1307036	+	3	51	ATG	TAA	0	0
mORF+_1307006	1307006	1307098	+	2	93	GTG	TGA	0	0
mORF+_1307046	1307046	1307081	+	3	36	TTG	TAG	0	0
mORF+_1307106	1307106	1307114	+	3	9	ATG	TGA	0	0
mORF+_1307126	1307126	1307149	+	2	24	TTG	TAA	0	0
mORF+_1307196	1307196	1307204	+	3	9	TTG	TGA	0	0
mORF+_1307201	1307201	1307212	+	2	12	GTG	TGA	0	0
mORF+_1307209	1307209	1307505	+	1	297	ATG	TGA	0	0
mORF+_1307220	1307220	1307384	+	3	165	ATG	TAA	0	0
mORF+_1307297	1307297	1307416	+	2	120	TTG	TAA	0	0
mORF+_1307439	1307439	1307639	+	3	201	TTG	TGA	0	0
mORF+_1307524	1307524	1307562	+	1	39	TTG	TGA	0	0
mORF+_1307576	1307576	1307608	+	2	33	TTG	TGA	0	0
mORF+_1307584	1307584	1307733	+	1	150	TTG	TAG	0	0
mORF+_1307636	1307636	1307647	+	2	12	TTG	TAG	0	0
mORF+_1307648	1307648	1307665	+	2	18	ATG	TAA	0	0
mORF+_1307699	1307699	1307800	+	2	102	GTG	TAA	0	0
mORF+_1307746	1307746	1307766	+	1	21	ATG	TAG	0	0
mORF+_1307831	1307831	1307854	+	2	24	TTG	TGA	0	0
mORF+_1307851	1307851	1307976	+	1	126	GTG	TAA	0	0
mORF+_1307864	1307864	1307938	+	2	75	ATG	TAA	0	0
mORF+_1307895	1307895	1307996	+	3	102	GTG	TAG	0	0
mORF+_1307986	1307986	1307991	+	1	6	GTG	TAA	0	0
mORF+_1308013	1308013	1308180	+	1	168	ATG	TAG	0	0
mORF+_1308023	1308023	1308091	+	2	69	TTG	TAA	0	0
mORF+_1308095	1308095	1308142	+	2	48	GTG	TGA	0	0
mORF+_1308144	1308144	1308209	+	3	66	ATG	TAA	0	0
mORF+_1308182	1308182	1308190	+	2	9	TTG	TAA	0	0
mORF+_1308229	1308229	1308288	+	1	60	ATG	TGA	0	0
mORF+_1308234	1308234	1308254	+	3	21	GTG	TAA	0	0
mORF+_1308257	1308257	1308274	+	2	18	TTG	TGA	0	0
mORF+_1308267	1308267	1308296	+	3	30	TTG	TGA	0	0
mORF+_1308275	1308275	1308280	+	2	6	ATG	TAG	0	0
mORF+_1308316	1308316	1308348	+	1	33	TTG	TGA	0	0
mORF+_1308355	1308355	1308390	+	1	36	ATG	TGA	0	0
mORF+_1308368	1308368	1308376	+	2	9	ATG	TAA	0	0
mORF+_1308387	1308387	1308533	+	3	147	ATG	TAA	0	0
mORF+_1308415	1308415	1308456	+	1	42	TTG	TGA	0	0
mORF+_1308503	1308503	1308514	+	2	12	TTG	TGA	0	0
mORF+_1308505	1308505	1308609	+	1	105	GTG	TAA	0	0
mORF+_1308515	1308515	1308523	+	2	9	ATG	TGA	0	0
mORF+_1308557	1308557	1308577	+	2	21	TTG	TAA	0	0
mORF+_1308581	1308581	1308622	+	2	42	TTG	TGA	0	0
mORF+_1308610	1308610	1308708	+	1	99	ATG	TAA	0	0
mORF+_1308626	1308626	1308715	+	2	90	GTG	TGA	0	0
mORF+_1308712	1308712	1308723	+	1	12	TTG	TAA	0	0
mORF+_1308763	1308763	1308879	+	1	117	TTG	TAA	0	0
mORF+_1308794	1308794	1308802	+	2	9	ATG	TAA	0	0

mORF_+_1308818	1308818	1308934	+	2	117	ATG	TGA	0	0	
mORF_+_1308861	1308861	1308869	+	3	9	TTG	TGA	0	0	
mORF_+_1308915	1308915	1308920	+	3	6	TTG	TAA	0	0	
mORF_+_1308931	1308931	1308963	+	1	33	TTG	TGA	0	0	
mORF_+_1308960	1308960	1308992	+	3	33	ATG	TAA	0	0	
mORF_+_1308980	1308980	1309048	+	2	69	ATG	TGA	0	0	
mORF_+_1309045	1309045	1309071	+	1	27	TTG	TAA	0	0	
mORF_+_1309055	1309055	1309096	+	2	42	TTG	TGA	0	0	
mORF_+_1309062	1309062	1309832	+	3	771	TTG	TAA	10	45	pORF_+_1309062
mORF_+_1309120	1309120	1309320	+	1	201	TTG	TAG	0	0	
mORF_+_1309378	1309378	1309422	+	1	45	TTG	TGA	0	0	
mORF_+_1309450	1309450	1309464	+	1	15	ATG	TAG	0	0	
mORF_+_1309486	1309486	1309512	+	1	27	TTG	TGA	0	0	
mORF_+_1309555	1309555	1309581	+	1	27	GTG	TAA	0	0	
mORF_+_1309627	1309627	1309731	+	1	105	TTG	TGA	0	0	
mORF_+_1309735	1309735	1309791	+	1	57	ATG	TGA	0	0	
mORF_+_1309748	1309748	1309759	+	2	12	ATG	TGA	0	0	
mORF_+_1309865	1309865	1309927	+	2	63	TTG	TAA	0	0	
mORF_+_1309931	1309931	1310002	+	2	72	ATG	TAA	0	0	
mORF_+_1309953	1309953	1310078	+	3	126	TTG	TAA	0	0	
mORF_+_1310002	1310002	1310043	+	1	42	ATG	TAG	0	0	
mORF_+_1310012	1310012	1310143	+	2	132	ATG	TAG	0	0	
mORF_+_1310118	1310118	1310165	+	3	48	GTG	TGA	0	0	
mORF_+_1310162	1310162	1310266	+	2	105	GTG	TAG	0	0	
mORF_+_1310185	1310185	1310247	+	1	63	ATG	TGA	0	0	
mORF_+_1310256	1310256	1310378	+	3	123	ATG	TAG	0	0	
mORF_+_1310269	1310269	1310286	+	1	18	ATG	TAA	0	0	
mORF_+_1310306	1310306	1310317	+	2	12	ATG	TGA	0	0	
mORF_+_1310314	1310314	1310433	+	1	120	ATG	TGA	0	0	
mORF_+_1310397	1310397	1310408	+	3	12	ATG	TAG	0	0	
mORF_+_1310399	1310399	1310425	+	2	27	GTG	TAA	0	0	
mORF_+_1310430	1310430	1310510	+	3	81	GTG	TAG	0	0	
mORF_+_1310486	1310486	1310617	+	2	132	TTG	TAG	0	0	
mORF_+_1310500	1310500	1310535	+	1	36	ATG	TAA	0	0	
mORF_+_1310511	1310511	1310612	+	3	102	ATG	TGA	0	0	
mORF_+_1310636	1310636	1310647	+	2	12	TTG	TAA	0	0	
mORF_+_1310673	1310673	1310801	+	3	129	ATG	TAG	0	0	
mORF_+_1310708	1310708	1310893	+	2	186	GTG	TAA	0	0	
mORF_+_1310817	1310817	1310849	+	3	33	GTG	TAG	0	0	
mORF_+_1310850	1310850	1310858	+	3	9	ATG	TAA	0	0	
mORF_+_1310862	1310862	1310867	+	3	6	TTG	TAA	0	0	
mORF_+_1310934	1310934	1310984	+	3	51	ATG	TGA	0	0	
mORF_+_1310947	1310947	1310997	+	1	51	TTG	TGA	0	0	
mORF_+_1310981	1310981	1311358	+	2	378	ATG	TGA	0	0	
mORF_+_1311048	1311048	1311230	+	3	183	ATG	TGA	0	0	
mORF_+_1311306	1311306	1311335	+	3	30	TTG	TAG	0	0	
mORF_+_1311404	1311404	1311487	+	2	84	ATG	TGA	0	0	
mORF_+_1311460	1311460	1311477	+	1	18	TTG	TGA	0	0	
mORF_+_1311474	1311474	1311518	+	3	45	GTG	TAA	0	0	
mORF_+_1311533	1311533	1311634	+	2	102	TTG	TGA	0	0	
mORF_+_1311549	1311549	1311590	+	3	42	GTG	TGA	0	0	
mORF_+_1311571	1311571	1311579	+	1	9	ATG	TAA	0	0	
mORF_+_1311631	1311631	1311744	+	1	114	TTG	TAA	0	0	
mORF_+_1311653	1311653	1311700	+	2	48	GTG	TGA	0	0	
mORF_+_1311752	1311752	1311793	+	2	42	GTG	TAA	0	0	
mORF_+_1311768	1311768	1311854	+	3	87	TTG	TAA	0	0	
mORF_+_1311772	1311772	1311804	+	1	33	ATG	TAA	0	0	
mORF_+_1311805	1311805	1311885	+	1	81	TTG	TGA	0	0	
mORF_+_1311821	1311821	1311865	+	2	45	ATG	TAG	0	0	
mORF_+_1311858	1311858	1311878	+	3	21	TTG	TAA	0	0	
mORF_+_1311882	1311882	1311890	+	3	9	TTG	TAA	0	0	
mORF_+_1311913	1311913	1311930	+	1	18	ATG	TAA	0	0	
mORF_+_1311947	1311947	1311964	+	2	18	GTG	TAA	0	0	

mORF_+_1311964	1311964	1311969	+	1	6	ATG	TGA	0	0	
mORF_+_1311966	1311966	1312001	+	3	36	GTG	TAG	0	0	
mORF_+_1311973	1311973	1311978	+	1	6	ATG	TAG	0	0	
mORF_+_1311985	1311985	1312047	+	1	63	TTG	TGA	0	0	
mORF_+_1312044	1312044	1312682	+	3	639	ATG	TAA	10	69	pORF_+_1312044
mORF_+_1312096	1312096	1312182	+	1	87	GTG	TAG	0	0	
mORF_+_1312192	1312192	1312206	+	1	15	GTG	TGA	0	0	
mORF_+_1312258	1312258	1312356	+	1	99	TTG	TGA	0	0	
mORF_+_1312364	1312364	1312378	+	2	15	GTG	TGA	0	0	
mORF_+_1312372	1312372	1312491	+	1	120	TTG	TGA	0	0	
mORF_+_1312525	1312525	1312536	+	1	12	TTG	TGA	0	0	
mORF_+_1312543	1312543	1312722	+	1	180	GTG	TAA	0	0	
mORF_+_1312568	1312568	1312603	+	2	36	GTG	TAA	0	0	
mORF_+_1312646	1312646	1312735	+	2	90	GTG	TAA	0	0	
mORF_+_1312795	1312795	1312956	+	1	162	TTG	TAA	0	0	
mORF_+_1312799	1312799	1312849	+	2	51	TTG	TAA	0	0	
mORF_+_1312860	1312860	1312919	+	3	60	ATG	TAA	0	0	
mORF_+_1312934	1312934	1313002	+	2	69	TTG	TGA	0	0	
mORF_+_1312965	1312965	1313087	+	3	123	TTG	TGA	0	0	
mORF_+_1312999	1312999	1313040	+	1	42	TTG	TAA	0	0	
mORF_+_1313050	1313050	1313076	+	1	27	GTG	TAG	0	0	
mORF_+_1313084	1313084	1313137	+	2	54	TTG	TAG	0	0	
mORF_+_1313100	1313100	1313147	+	3	48	TTG	TAA	0	0	
mORF_+_1313166	1313166	1313228	+	3	63	ATG	TGA	0	0	
mORF_+_1313189	1313189	1313218	+	2	30	TTG	TAA	0	0	
mORF_+_1313200	1313200	1313250	+	1	51	TTG	TGA	0	0	
mORF_+_1313225	1313225	1313272	+	2	48	ATG	TGA	0	0	
mORF_+_1313247	1313247	1313267	+	3	21	ATG	TAA	0	0	
mORF_+_1313269	1313269	1313283	+	1	15	ATG	TAA	0	0	
mORF_+_1313331	1313331	1313411	+	3	81	ATG	TAA	0	0	
mORF_+_1313417	1313417	1313437	+	2	21	TTG	TAA	0	0	
mORF_+_1313437	1313437	1313532	+	1	96	ATG	TGA	0	0	
mORF_+_1313462	1313462	1313677	+	2	216	ATG	TAA	0	0	
mORF_+_1313529	1313529	1313618	+	3	90	ATG	TGA	0	0	
mORF_+_1313563	1313563	1313586	+	1	24	TTG	TAA	0	0	
mORF_+_1313686	1313686	1313766	+	1	81	TTG	TAA	0	0	
mORF_+_1313726	1313726	1313752	+	2	27	TTG	TGA	0	0	
mORF_+_1313759	1313759	1313809	+	2	51	GTG	TGA	0	0	
mORF_+_1313778	1313778	1313894	+	3	117	ATG	TGA	0	0	
mORF_+_1313806	1313806	1313859	+	1	54	GTG	TGA	0	0	
mORF_+_1313837	1313837	1313872	+	2	36	ATG	TAA	0	0	
mORF_+_1313875	1313875	1313916	+	1	42	GTG	TGA	0	0	
mORF_+_1313910	1313910	1314038	+	3	129	TTG	TGA	0	0	
mORF_+_1313939	1313939	1313962	+	2	24	ATG	TAA	0	0	
mORF_+_1314005	1314005	1314094	+	2	90	ATG	TAA	0	0	
mORF_+_1314048	1314048	1314146	+	3	99	ATG	TAG	0	0	
mORF_+_1314058	1314058	1314099	+	1	42	ATG	TGA	0	0	
mORF_+_1314100	1314100	1314123	+	1	24	GTG	TAA	0	0	
mORF_+_1314107	1314107	1314136	+	2	30	GTG	TAA	0	0	
mORF_+_1314136	1314136	1314222	+	1	87	ATG	TGA	0	0	
mORF_+_1314230	1314230	1314238	+	2	9	GTG	TAG	0	0	
mORF_+_1314248	1314248	1314325	+	2	78	TTG	TGA	0	0	
mORF_+_1314265	1314265	1314279	+	1	15	ATG	TAA	0	0	
mORF_+_1314285	1314285	1314320	+	3	36	TTG	TAA	0	0	
mORF_+_1314322	1314322	1314372	+	1	51	TTG	TGA	0	0	
mORF_+_1314369	1314369	1314398	+	3	30	ATG	TAA	0	0	
mORF_+_1314410	1314410	1314676	+	2	267	ATG	TAA	0	0	
mORF_+_1314484	1314484	1314513	+	1	30	GTG	TAA	0	0	
mORF_+_1314525	1314525	1314593	+	3	69	ATG	TGA	0	0	
mORF_+_1314622	1314622	1314669	+	1	48	ATG	TGA	0	0	
mORF_+_1314636	1314636	1314665	+	3	30	TTG	TGA	0	0	
mORF_+_1314666	1314666	1314725	+	3	60	TTG	TAG	0	0	
mORF_+_1314712	1314712	1314792	+	1	81	GTG	TGA	0	0	

mORF_+_1314726	1314726	1314731	+	3	6	GTG	TAA	0	0	
mORF_+_1314789	1314789	1314812	+	3	24	ATG	TGA	0	0	
mORF_+_1314799	1314799	1314927	+	1	129	GTG	TAA	0	0	
mORF_+_1314809	1314809	1315099	+	2	291	ATG	TAA	0	0	
mORF_+_1314915	1314915	1315055	+	3	141	ATG	TGA	0	0	
mORF_+_1314988	1314988	1315140	+	1	153	GTG	TAA	0	0	
mORF_+_1315147	1315147	1315179	+	1	33	ATG	TGA	0	0	
mORF_+_1315158	1315158	1315238	+	3	81	ATG	TAG	0	0	
mORF_+_1315192	1315192	1315329	+	1	138	ATG	TAG	0	0	
mORF_+_1315260	1315260	1315286	+	3	27	GTG	TGA	0	0	
mORF_+_1315283	1315283	1315471	+	2	189	GTG	TAA	0	0	
mORF_+_1315369	1315369	1315629	+	1	261	ATG	TAG	0	0	
mORF_+_1315484	1315484	1315549	+	2	66	GTG	TAA	0	0	
mORF_+_1315506	1315506	1315706	+	3	201	GTG	TGA	0	0	
mORF_+_1315639	1315639	1315989	+	1	351	GTG	TAA	0	0	
mORF_+_1315694	1315694	1315828	+	2	135	TTG	TGA	0	0	
mORF_+_1315841	1315841	1315852	+	2	12	ATG	TAA	0	0	
mORF_+_1315871	1315871	1315885	+	2	15	GTG	TAG	0	0	
mORF_+_1316030	1316030	1316044	+	2	15	TTG	TAA	0	0	
mORF_+_1316095	1316095	1316430	+	1	336	ATG	TAA	0	0	
mORF_+_1316120	1316120	1316287	+	2	168	ATG	TAG	0	0	
mORF_+_1316271	1316271	1316306	+	3	36	TTG	TGA	0	0	
mORF_+_1316303	1316303	1316311	+	2	9	TTG	TGA	0	0	
mORF_+_1316385	1316385	1316426	+	3	42	GTG	TAA	0	0	
mORF_+_1316396	1316396	1316419	+	2	24	ATG	TAG	0	0	
mORF_+_1316430	1316430	1316588	+	3	159	ATG	TAA	0	0	
mORF_+_1316456	1316456	1316503	+	2	48	ATG	TGA	0	0	
mORF_+_1316500	1316500	1316622	+	1	123	TTG	TGA	0	0	
mORF_+_1316558	1316558	1316842	+	2	285	GTG	TAG	0	0	
mORF_+_1316619	1316619	1316630	+	3	12	TTG	TAA	0	0	
mORF_+_1316649	1316649	1316678	+	3	30	TTG	TAA	0	0	
mORF_+_1316671	1316671	1316700	+	1	30	TTG	TGA	0	0	
mORF_+_1316694	1316694	1316735	+	3	42	GTG	TAA	0	0	
mORF_+_1316746	1316746	1316871	+	1	126	ATG	TGA	0	0	
mORF_+_1316754	1316754	1316834	+	3	81	ATG	TAA	0	0	
mORF_+_1316868	1316868	1316951	+	3	84	GTG	TGA	0	0	
mORF_+_1316872	1316872	1316979	+	1	108	TTG	TAA	0	0	
mORF_+_1316900	1316900	1316938	+	2	39	GTG	TGA	0	0	
mORF_+_1316948	1316948	1317007	+	2	60	GTG	TAG	0	0	
mORF_+_1317012	1317012	1317134	+	3	123	TTG	TAA	0	0	
mORF_+_1317157	1317157	1317351	+	1	195	TTG	TGA	1	3	pORF_+_1317157
mORF_+_1317189	1317189	1317395	+	3	207	GTG	TGA	0	0	
mORF_+_1317275	1317275	1317319	+	2	45	TTG	TGA	0	0	
mORF_+_1317460	1317460	1317531	+	1	72	ATG	TGA	0	0	
mORF_+_1317495	1317495	1317632	+	3	138	TTG	TGA	0	0	
mORF_+_1317560	1317560	1317661	+	2	102	TTG	TAA	0	0	
mORF_+_1317583	1317583	1317693	+	1	111	ATG	TAA	0	0	
mORF_+_1317696	1317696	1317797	+	3	102	ATG	TAA	0	0	
mORF_+_1317703	1317703	1317714	+	1	12	GTG	TGA	0	0	
mORF_+_1317751	1317751	1317849	+	1	99	TTG	TAA	0	0	
mORF_+_1317804	1317804	1317926	+	3	123	TTG	TAA	0	0	
mORF_+_1317821	1317821	1317838	+	2	18	GTG	TGA	0	0	
mORF_+_1317889	1317889	1318047	+	1	159	TTG	TAG	0	0	
mORF_+_1317957	1317957	1317983	+	3	27	ATG	TAA	0	0	
mORF_+_1317989	1317989	1318075	+	2	87	GTG	TGA	0	0	
mORF_+_1318032	1318032	1318133	+	3	102	TTG	TAA	0	0	
mORF_+_1318072	1318072	1318080	+	1	9	GTG	TGA	0	0	
mORF_+_1318118	1318118	1318270	+	2	153	TTG	TAA	0	0	
mORF_+_1318158	1318158	1318244	+	3	87	GTG	TAA	0	0	
mORF_+_1318257	1318257	1318382	+	3	126	ATG	TAA	0	0	
mORF_+_1318274	1318274	1318291	+	2	18	ATG	TGA	0	0	
mORF_+_1318288	1318288	1318350	+	1	63	TTG	TGA	0	0	
mORF_+_1318483	1318483	1318599	+	1	117	TTG	TAA	0	0	

mORF_+_1318488	1318488	1318634	+	3	147	GTG	TAG	0	0	
mORF_+_1318640	1318640	1318771	+	2	132	TTG	TAA	0	0	
mORF_+_1318665	1318665	1318742	+	3	78	GTG	TGA	0	0	
mORF_+_1318684	1318684	1318785	+	1	102	ATG	TGA	0	0	
mORF_+_1318752	1318752	1318829	+	3	78	GTG	TAG	0	0	
mORF_+_1318813	1318813	1318935	+	1	123	GTG	TGA	0	0	
mORF_+_1318854	1318854	1318979	+	3	126	TTG	TAA	0	0	
mORF_+_1318951	1318951	1319013	+	1	63	ATG	TGA	0	0	
mORF_+_1319010	1319010	1319042	+	3	33	GTG	TAA	0	0	
mORF_+_1319036	1319036	1319170	+	2	135	TTG	TAA	0	0	
mORF_+_1319067	1319067	1319291	+	3	225	ATG	TAA	0	0	
mORF_+_1319074	1319074	1319112	+	1	39	ATG	TGA	0	0	
mORF_+_1319161	1319161	1319319	+	1	159	ATG	TAA	0	0	
mORF_+_1319295	1319295	1319429	+	3	135	TTG	TGA	0	0	
mORF_+_1319338	1319338	1319352	+	1	15	TTG	TGA	0	0	
mORF_+_1319362	1319362	1319445	+	1	84	TTG	TAG	0	0	
mORF_+_1319426	1319426	1319662	+	2	237	ATG	TAA	0	0	
mORF_+_1319436	1319436	1319609	+	3	174	GTG	TAA	0	0	
mORF_+_1319726	1319726	1319956	+	2	231	GTG	TGA	0	0	
mORF_+_1319805	1319805	1319825	+	3	21	TTG	TAG	0	0	
mORF_+_1319838	1319838	1319906	+	3	69	GTG	TGA	0	0	
mORF_+_1319848	1319848	1320036	+	1	189	GTG	TGA	0	0	
mORF_+_1320021	1320021	1320128	+	3	108	GTG	TAA	0	0	
mORF_+_1320142	1320142	1320348	+	1	207	GTG	TGA	0	0	
mORF_+_1320212	1320212	1320328	+	2	117	TTG	TAG	0	0	
mORF_+_1320345	1320345	1320392	+	3	48	GTG	TGA	0	0	
mORF_+_1320353	1320353	1320478	+	2	126	TTG	TGA	0	0	
mORF_+_1320399	1320399	1320413	+	3	15	GTG	TGA	0	0	
mORF_+_1320482	1320482	1320490	+	2	9	TTG	TAA	0	0	
mORF_+_1320540	1320540	1320896	+	3	357	ATG	TGA	1	2	pORF_+_1320540
mORF_+_1320640	1320640	1320648	+	1	9	GTG	TGA	0	0	
mORF_+_1320676	1320676	1320768	+	1	93	TTG	TGA	0	0	
mORF_+_1320683	1320683	1320724	+	2	42	TTG	TAG	0	0	
mORF_+_1320868	1320868	1321029	+	1	162	TTG	TGA	0	0	
mORF_+_1320893	1320893	1320940	+	2	48	GTG	TAG	0	0	
mORF_+_1320906	1320906	1320923	+	3	18	GTG	TAA	0	0	
mORF_+_1320959	1320959	1321012	+	2	54	TTG	TAG	0	0	
mORF_+_1321030	1321030	1321047	+	1	18	TTG	TGA	0	0	
mORF_+_1321041	1321041	1321145	+	3	105	ATG	TAA	0	0	
mORF_+_1321069	1321069	1321128	+	1	60	GTG	TGA	0	0	
mORF_+_1321097	1321097	1321141	+	2	45	TTG	TAG	0	0	
mORF_+_1321154	1321154	1321204	+	2	51	ATG	TGA	0	0	
mORF_+_1321162	1321162	1321380	+	1	219	TTG	TGA	0	0	
mORF_+_1321244	1321244	1322125	+	2	882	TTG	TGA	0	0	
mORF_+_1321260	1321260	1321268	+	3	9	ATG	TGA	0	0	
mORF_+_1321302	1321302	1321313	+	3	12	ATG	TGA	0	0	
mORF_+_1321335	1321335	1321439	+	3	105	GTG	TGA	0	0	
mORF_+_1321482	1321482	1321505	+	3	24	ATG	TGA	0	0	
mORF_+_1321509	1321509	1321529	+	3	21	TTG	TAA	0	0	
mORF_+_1321531	1321531	1321536	+	1	6	GTG	TGA	0	0	
mORF_+_1321533	1321533	1321583	+	3	51	GTG	TGA	0	0	
mORF_+_1321584	1321584	1321661	+	3	78	TTG	TGA	0	0	
mORF_+_1321674	1321674	1321784	+	3	111	TTG	TAG	0	0	
mORF_+_1321693	1321693	1321728	+	1	36	GTG	TAA	0	0	
mORF_+_1321771	1321771	1321797	+	1	27	GTG	TGA	0	0	
mORF_+_1321794	1321794	1321832	+	3	39	TTG	TAG	0	0	
mORF_+_1321857	1321857	1321871	+	3	15	GTG	TGA	0	0	
mORF_+_1321864	1321864	1321908	+	1	45	ATG	TGA	0	0	
mORF_+_1321881	1321881	1322150	+	3	270	TTG	TGA	0	0	
mORF_+_1321927	1321927	1321947	+	1	21	GTG	TGA	0	0	
mORF_+_1321987	1321987	1322007	+	1	21	ATG	TGA	0	0	
mORF_+_1322020	1322020	1322046	+	1	27	ATG	TAA	0	0	
mORF_+_1322086	1322086	1322742	+	1	657	ATG	TAA	20	132	pORF_+_1322086

mORF_+_1322210	1322210	1322323	+	2	114	TTG	TGA	0	0	
mORF_+_1322280	1322280	1322342	+	3	63	TTG	TGA	0	0	
mORF_+_1322360	1322360	1322386	+	2	27	TTG	TAA	0	0	
mORF_+_1322486	1322486	1322557	+	2	72	GTG	TAA	0	0	
mORF_+_1322675	1322675	1322719	+	2	45	TTG	TAG	0	0	
mORF_+_1322720	1322720	1322728	+	2	9	GTG	TGA	0	0	
mORF_+_1322747	1322747	1322803	+	2	57	TTG	TGA	0	0	
mORF_+_1322760	1322760	1322864	+	3	105	ATG	TGA	0	0	
mORF_+_1322770	1322770	1324665	+	1	1896	ATG	TAA	0	0	
mORF_+_1322816	1322816	1322830	+	2	15	TTG	TAA	0	0	
mORF_+_1322834	1322834	1323031	+	2	198	ATG	TGA	0	0	
mORF_+_1322997	1322997	1323011	+	3	15	ATG	TGA	0	0	
mORF_+_1323041	1323041	1323103	+	2	63	TTG	TAA	0	0	
mORF_+_1323110	1323110	1323217	+	2	108	TTG	TAA	0	0	
mORF_+_1323248	1323248	1323520	+	2	273	TTG	TAA	0	0	
mORF_+_1323522	1323522	1323605	+	3	84	TTG	TGA	0	0	
mORF_+_1323548	1323548	1323595	+	2	48	GTG	TAG	0	0	
mORF_+_1323596	1323596	1323601	+	2	6	ATG	TGA	0	0	
mORF_+_1323602	1323602	1323664	+	2	63	TTG	TAG	0	0	
mORF_+_1323684	1323684	1323743	+	3	60	TTG	TGA	0	0	
mORF_+_1323686	1323686	1323700	+	2	15	GTG	TAA	0	0	
mORF_+_1323707	1323707	1323712	+	2	6	TTG	TGA	0	0	
mORF_+_1323767	1323767	1324015	+	2	249	GTG	TGA	0	0	
mORF_+_1323969	1323969	1324010	+	3	42	ATG	TAA	0	0	
mORF_+_1324092	1324092	1324103	+	3	12	TTG	TGA	0	0	
mORF_+_1324100	1324100	1324150	+	2	51	TTG	TAA	0	0	
mORF_+_1324134	1324134	1324142	+	3	9	TTG	TAA	0	0	
mORF_+_1324176	1324176	1324352	+	3	177	TTG	TGA	0	0	
mORF_+_1324211	1324211	1324273	+	2	63	ATG	TGA	0	0	
mORF_+_1324340	1324340	1324447	+	2	108	ATG	TAG	0	0	
mORF_+_1324449	1324449	1324541	+	3	93	TTG	TAA	0	0	
mORF_+_1324493	1324493	1324573	+	2	81	TTG	TAA	0	0	
mORF_+_1324575	1324575	1324742	+	3	168	TTG	TAA	0	0	
mORF_+_1324616	1324616	1324669	+	2	54	GTG	TAA	0	0	
mORF_+_1324708	1324708	1324713	+	1	6	GTG	TAG	0	0	
mORF_+_1324715	1324715	1324762	+	2	48	ATG	TAA	0	0	
mORF_+_1324795	1324795	1324809	+	1	15	GTG	TAA	0	0	
mORF_+_1324824	1324824	1324931	+	3	108	TTG	TGA	0	0	
mORF_+_1324876	1324876	1325751	+	1	876	ATG	TAA	18	33	pORF_+_1324876
mORF_+_1324907	1324907	1324963	+	2	57	GTG	TGA	0	0	
mORF_+_1324964	1324964	1325020	+	2	57	GTG	TGA	0	0	
mORF_+_1325033	1325033	1325044	+	2	12	ATG	TGA	0	0	
mORF_+_1325054	1325054	1325263	+	2	210	GTG	TAA	0	0	
mORF_+_1325073	1325073	1325108	+	3	36	TTG	TGA	0	0	
mORF_+_1325112	1325112	1325123	+	3	12	GTG	TAA	0	0	
mORF_+_1325276	1325276	1325344	+	2	69	GTG	TGA	0	0	
mORF_+_1325348	1325348	1325434	+	2	87	GTG	TGA	0	0	
mORF_+_1325421	1325421	1325453	+	3	33	GTG	TAA	0	0	
mORF_+_1325456	1325456	1325497	+	2	42	GTG	TGA	0	0	
mORF_+_1325472	1325472	1325525	+	3	54	GTG	TGA	0	0	
mORF_+_1325510	1325510	1325644	+	2	135	GTG	TAG	0	0	
mORF_+_1325684	1325684	1325692	+	2	9	GTG	TGA	0	0	
mORF_+_1325759	1325759	1325794	+	2	36	ATG	TAA	0	0	
mORF_+_1325836	1325836	1325853	+	1	18	ATG	TAA	0	0	
mORF_+_1325840	1325840	1325893	+	2	54	TTG	TGA	0	0	
mORF_+_1325890	1325890	1325943	+	1	54	ATG	TAA	0	0	
mORF_+_1325906	1325906	1325926	+	2	21	GTG	TGA	0	0	
mORF_+_1325928	1325928	1326110	+	3	183	GTG	TAA	0	0	
mORF_+_1326049	1326049	1326468	+	1	420	ATG	TAG	0	0	
mORF_+_1326117	1326117	1326173	+	3	57	TTG	TAG	0	0	
mORF_+_1326158	1326158	1326220	+	2	63	TTG	TGA	0	0	
mORF_+_1326231	1326231	1326281	+	3	51	GTG	TAA	0	0	
mORF_+_1326254	1326254	1326355	+	2	102	GTG	TGA	0	0	

mORF_+_1326381	1326381	1326683	+	3	303	TTG	TGA	0	0	
mORF_+_1326475	1326475	1326588	+	1	114	ATG	TGA	0	0	
mORF_+_1326488	1326488	1326496	+	2	9	GTG	TAA	0	0	
mORF_+_1326503	1326503	1326562	+	2	60	GTG	TAA	0	0	
mORF_+_1326622	1326622	1326669	+	1	48	GTG	TGA	0	0	
mORF_+_1326644	1326644	1326691	+	2	48	ATG	TAA	0	0	
mORF_+_1326698	1326698	1326718	+	2	21	GTG	TGA	0	0	
mORF_+_1326715	1326715	1326870	+	1	156	TTG	TAA	0	0	
mORF_+_1326734	1326734	1326745	+	2	12	GTG	TGA	0	0	
mORF_+_1326801	1326801	1326992	+	3	192	TTG	TAA	0	0	
mORF_+_1326812	1326812	1326874	+	2	63	TTG	TAA	0	0	
mORF_+_1326880	1326880	1326951	+	1	72	ATG	TGA	0	0	
mORF_+_1326887	1326887	1326937	+	2	51	GTG	TAA	0	0	
mORF_+_1326944	1326944	1327096	+	2	153	GTG	TAA	0	0	
mORF_+_1326970	1326970	1326987	+	1	18	ATG	TGA	0	0	
mORF_+_1327096	1327096	1327131	+	1	36	ATG	TAA	0	0	
mORF_+_1327116	1327116	1327205	+	3	90	TTG	TGA	0	0	
mORF_+_1327121	1327121	1327240	+	2	120	TTG	TAA	0	0	
mORF_+_1327135	1327135	1327185	+	1	51	ATG	TGA	0	0	
mORF_+_1327198	1327198	1327281	+	1	84	ATG	TAA	0	0	
mORF_+_1327250	1327250	1327372	+	2	123	ATG	TGA	0	0	
mORF_+_1327311	1327311	1327316	+	3	6	TTG	TAA	0	0	
mORF_+_1327320	1327320	1327340	+	3	21	GTG	TAA	0	0	
mORF_+_1327333	1327333	1327413	+	1	81	TTG	TAG	0	0	
mORF_+_1327356	1327356	1328405	+	3	1050	GTG	TAA	33	234	pORF_+_1327356
mORF_+_1327417	1327417	1327518	+	1	102	TTG	TGA	0	0	
mORF_+_1327565	1327565	1327594	+	2	30	GTG	TAA	0	0	
mORF_+_1327699	1327699	1327707	+	1	9	ATG	TGA	0	0	
mORF_+_1327717	1327717	1327728	+	1	12	GTG	TAA	0	0	
mORF_+_1327765	1327765	1327860	+	1	96	TTG	TAA	0	0	
mORF_+_1327909	1327909	1327998	+	1	90	GTG	TGA	0	0	
mORF_+_1328011	1328011	1328055	+	1	45	TTG	TGA	0	0	
mORF_+_1328065	1328065	1328109	+	1	45	GTG	TGA	0	0	
mORF_+_1328137	1328137	1328142	+	1	6	TTG	TGA	0	0	
mORF_+_1328167	1328167	1328214	+	1	48	TTG	TAG	0	0	
mORF_+_1328227	1328227	1328268	+	1	42	TTG	TGA	0	0	
mORF_+_1328278	1328278	1328400	+	1	123	GTG	TGA	0	0	
mORF_+_1328375	1328375	1328467	+	2	93	GTG	TGA	0	0	
mORF_+_1328436	1328436	1328444	+	3	9	TTG	TAA	0	0	
mORF_+_1328474	1328474	1328542	+	2	69	ATG	TAA	0	0	
mORF_+_1328487	1328487	1328549	+	3	63	TTG	TAG	0	0	
mORF_+_1328521	1328521	1328559	+	1	39	TTG	TAA	0	0	
mORF_+_1328583	1328583	1328840	+	3	258	GTG	TGA	0	0	
mORF_+_1328621	1328621	1328719	+	2	99	ATG	TAG	0	0	
mORF_+_1328677	1328677	1328706	+	1	30	GTG	TAA	0	0	
mORF_+_1328732	1328732	1328803	+	2	72	ATG	TAA	0	0	
mORF_+_1328737	1328737	1328949	+	1	213	TTG	TGA	0	0	
mORF_+_1328837	1328837	1328863	+	2	27	GTG	TAG	0	0	
mORF_+_1328870	1328870	1328902	+	2	33	TTG	TAG	0	0	
mORF_+_1328946	1328946	1328972	+	3	27	GTG	TGA	0	0	
mORF_+_1328969	1328969	1329064	+	2	96	TTG	TAA	0	0	
mORF_+_1329007	1329007	1329060	+	1	54	TTG	TAG	0	0	
mORF_+_1329030	1329030	1331669	+	3	2640	GTG	TAA	74	271	pORF_+_1329030
mORF_+_1329085	1329085	1329153	+	1	69	TTG	TGA	0	0	
mORF_+_1329190	1329190	1329360	+	1	171	GTG	TGA	0	0	
mORF_+_1329296	1329296	1329322	+	2	27	GTG	TGA	0	0	
mORF_+_1329406	1329406	1329450	+	1	45	TTG	TGA	0	0	
mORF_+_1329431	1329431	1329460	+	2	30	ATG	TGA	0	0	
mORF_+_1329451	1329451	1329543	+	1	93	TTG	TGA	0	0	
mORF_+_1329547	1329547	1329786	+	1	240	TTG	TGA	0	0	
mORF_+_1329620	1329620	1329694	+	2	75	ATG	TGA	0	0	
mORF_+_1329883	1329883	1329975	+	1	93	GTG	TGA	0	0	
mORF_+_1330006	1330006	1330053	+	1	48	ATG	TGA	0	0	

mORF_+_1330099	1330099	1330197	+	1	99	TTG	TGA	0	0	
mORF_+_1330228	1330228	1330251	+	1	24	ATG	TAA	0	0	
mORF_+_1330267	1330267	1330281	+	1	15	TTG	TGA	0	0	
mORF_+_1330294	1330294	1330311	+	1	18	ATG	TGA	0	0	
mORF_+_1330315	1330315	1330338	+	1	24	TTG	TGA	0	0	
mORF_+_1330363	1330363	1330383	+	1	21	TTG	TGA	0	0	
mORF_+_1330405	1330405	1330449	+	1	45	ATG	TGA	0	0	
mORF_+_1330456	1330456	1330608	+	1	153	TTG	TAG	0	0	
mORF_+_1330624	1330624	1330683	+	1	60	ATG	TAA	0	0	
mORF_+_1330748	1330748	1330801	+	2	54	GTG	TAA	0	0	
mORF_+_1330825	1330825	1330854	+	1	30	GTG	TGA	0	0	
mORF_+_1330861	1330861	1331001	+	1	141	TTG	TGA	0	0	
mORF_+_1330874	1330874	1330975	+	2	102	TTG	TAA	0	0	
mORF_+_1331020	1331020	1331232	+	1	213	ATG	TGA	0	0	
mORF_+_1331054	1331054	1331107	+	2	54	TTG	TAA	0	0	
mORF_+_1331201	1331201	1331206	+	2	6	GTG	TGA	0	0	
mORF_+_1331210	1331210	1331221	+	2	12	ATG	TGA	0	0	
mORF_+_1331276	1331276	1331281	+	2	6	GTG	TAA	0	0	
mORF_+_1331357	1331357	1331392	+	2	36	GTG	TGA	0	0	
mORF_+_1331371	1331371	1331676	+	1	306	ATG	TAA	0	0	
mORF_+_1331648	1331648	1331656	+	2	9	ATG	TGA	0	0	
mORF_+_1331726	1331726	1331818	+	2	93	TTG	TAG	0	0	
mORF_+_1331769	1331769	1331777	+	3	9	ATG	TAG	0	0	
mORF_+_1331830	1331830	1331835	+	1	6	GTG	TGA	0	0	
mORF_+_1331832	1331832	1331864	+	3	33	GTG	TAA	0	0	
mORF_+_1331846	1331846	1331854	+	2	9	ATG	TGA	0	0	
mORF_+_1331854	1331854	1331877	+	1	24	ATG	TAA	0	0	
mORF_+_1331865	1331865	1331882	+	3	18	GTG	TGA	0	0	
mORF_+_1331879	1331879	1332853	+	2	975	ATG	TAA	28	111	pORF_+_1331879
mORF_+_1331904	1331904	1331930	+	3	27	TTG	TGA	0	0	
mORF_+_1331931	1331931	1332011	+	3	81	ATG	TAG	0	0	
mORF_+_1332111	1332111	1332119	+	3	9	ATG	TAA	0	0	
mORF_+_1332126	1332126	1332353	+	3	228	TTG	TAG	0	0	
mORF_+_1332364	1332364	1332438	+	1	75	GTG	TGA	0	0	
mORF_+_1332387	1332387	1332392	+	3	6	TTG	TAG	0	0	
mORF_+_1332435	1332435	1332464	+	3	30	TTG	TGA	0	0	
mORF_+_1332555	1332555	1332587	+	3	33	ATG	TAG	0	0	
mORF_+_1332606	1332606	1332764	+	3	159	TTG	TAA	0	0	
mORF_+_1332768	1332768	1332836	+	3	69	GTG	TAA	0	0	
mORF_+_1332858	1332858	1332968	+	3	111	TTG	TAA	0	0	
mORF_+_1332881	1332881	1332886	+	2	6	ATG	TAG	0	0	
mORF_+_1332892	1332892	1332963	+	1	72	GTG	TAG	0	0	
mORF_+_1332932	1332932	1332979	+	2	48	GTG	TAA	0	0	
mORF_+_1332984	1332984	1333046	+	3	63	GTG	TGA	0	0	
mORF_+_1333043	1333043	1333126	+	2	84	TTG	TAA	0	0	
mORF_+_1333107	1333107	1333154	+	3	48	TTG	TGA	0	0	
mORF_+_1333148	1333148	1333312	+	2	165	TTG	TAA	0	0	
mORF_+_1333158	1333158	1333175	+	3	18	GTG	TGA	0	0	
mORF_+_1333254	1333254	1333292	+	3	39	TTG	TGA	0	0	
mORF_+_1333294	1333294	1333482	+	1	189	TTG	TAA	0	0	
mORF_+_1333350	1333350	1333361	+	3	12	ATG	TAG	0	0	
mORF_+_1333361	1333361	1333423	+	2	63	GTG	TAA	0	0	
mORF_+_1333389	1333389	1333460	+	3	72	ATG	TGA	0	0	
mORF_+_1333454	1333454	1333519	+	2	66	TTG	TAA	0	0	
mORF_+_1333551	1333551	1333574	+	3	24	TTG	TAA	0	0	
mORF_+_1333587	1333587	1333592	+	3	6	GTG	TAG	0	0	
mORF_+_1333596	1333596	1333691	+	3	96	ATG	TGA	0	0	
mORF_+_1333619	1333619	1333801	+	2	183	TTG	TAA	0	0	
mORF_+_1333695	1333695	1333883	+	3	189	TTG	TAA	0	0	
mORF_+_1333762	1333762	1333845	+	1	84	TTG	TAA	0	0	
mORF_+_1333855	1333855	1336530	+	1	2676	ATG	TAA	88	630	pORF_+_1333855
mORF_+_1333934	1333934	1334065	+	2	132	TTG	TGA	0	0	
mORF_+_1334058	1334058	1334081	+	3	24	ATG	TGA	0	0	

mORF_+_1334069	1334069	1334116	+	2	48	ATG	TGA	0	0	
mORF_+_1334144	1334144	1334248	+	2	105	TTG	TGA	0	0	
mORF_+_1334261	1334261	1334335	+	2	75	TTG	TGA	0	0	
mORF_+_1334337	1334337	1334366	+	3	30	ATG	TAG	0	0	
mORF_+_1334391	1334391	1334405	+	3	15	TTG	TAA	0	0	
mORF_+_1334430	1334430	1334438	+	3	9	GTG	TGA	0	0	
mORF_+_1334435	1334435	1334506	+	2	72	GTG	TGA	0	0	
mORF_+_1334454	1334454	1334489	+	3	36	ATG	TGA	0	0	
mORF_+_1334516	1334516	1334569	+	2	54	TTG	TAG	0	0	
mORF_+_1334529	1334529	1334633	+	3	105	GTG	TGA	0	0	
mORF_+_1334597	1334597	1334602	+	2	6	ATG	TAG	0	0	
mORF_+_1334630	1334630	1334821	+	2	192	GTG	TAA	0	0	
mORF_+_1334882	1334882	1334944	+	2	63	ATG	TAG	0	0	
mORF_+_1334901	1334901	1334909	+	3	9	GTG	TAA	0	0	
mORF_+_1334957	1334957	1335058	+	2	102	ATG	TGA	0	0	
mORF_+_1335059	1335059	1335100	+	2	42	ATG	TGA	0	0	
mORF_+_1335125	1335125	1335151	+	2	27	ATG	TAA	0	0	
mORF_+_1335156	1335156	1335173	+	3	18	GTG	TAA	0	0	
mORF_+_1335179	1335179	1335187	+	2	9	GTG	TGA	0	0	
mORF_+_1335243	1335243	1335287	+	3	45	ATG	TGA	0	0	
mORF_+_1335341	1335341	1335427	+	2	87	TTG	TAA	0	0	
mORF_+_1335354	1335354	1335374	+	3	21	TTG	TAA	0	0	
mORF_+_1335434	1335434	1335547	+	2	114	GTG	TGA	0	0	
mORF_+_1335578	1335578	1335607	+	2	30	ATG	TGA	0	0	
mORF_+_1335635	1335635	1335649	+	2	15	TTG	TAG	0	0	
mORF_+_1335695	1335695	1336000	+	2	306	TTG	TGA	0	0	
mORF_+_1335711	1335711	1335725	+	3	15	GTG	TAA	0	0	
mORF_+_1335750	1335750	1335794	+	3	45	TTG	TGA	0	0	
mORF_+_1336037	1336037	1336069	+	2	33	ATG	TGA	0	0	
mORF_+_1336106	1336106	1336153	+	2	48	ATG	TGA	0	0	
mORF_+_1336154	1336154	1336234	+	2	81	TTG	TGA	0	0	
mORF_+_1336235	1336235	1336273	+	2	39	TTG	TAA	0	0	
mORF_+_1336274	1336274	1336315	+	2	42	TTG	TAA	0	0	
mORF_+_1336352	1336352	1336402	+	2	51	TTG	TGA	0	0	
mORF_+_1336418	1336418	1336474	+	2	57	ATG	TGA	0	0	
mORF_+_1336446	1336446	1336517	+	3	72	TTG	TAA	0	0	
mORF_+_1336505	1336505	1336525	+	2	21	ATG	TGA	0	0	
mORF_+_1336538	1336538	1336642	+	2	105	TTG	TAA	0	0	
mORF_+_1336542	1336542	1336574	+	3	33	TTG	TGA	0	0	
mORF_+_1336609	1336609	1336743	+	1	135	ATG	TAA	0	0	
mORF_+_1336652	1336652	1336852	+	2	201	TTG	TAA	0	0	
mORF_+_1336674	1336674	1336697	+	3	24	ATG	TAA	0	0	
mORF_+_1336828	1336828	1337082	+	1	255	GTG	TAG	0	0	
mORF_+_1336866	1336866	1337003	+	3	138	GTG	TGA	0	0	
mORF_+_1336898	1336898	1336915	+	2	18	ATG	TGA	0	0	
mORF_+_1337089	1337089	1337232	+	1	144	ATG	TAA	0	0	
mORF_+_1337103	1337103	1337177	+	3	75	TTG	TAA	0	0	
mORF_+_1337156	1337156	1337200	+	2	45	TTG	TAA	0	0	
mORF_+_1337214	1337214	1337414	+	3	201	TTG	TAG	0	0	
mORF_+_1337326	1337326	1337490	+	1	165	TTG	TGA	0	0	
mORF_+_1337354	1337354	1338118	+	2	765	ATG	TAA	0	0	
mORF_+_1337551	1337551	1337571	+	2	21	GTG	TAA	0	0	
mORF_+_1337580	1337580	1337726	+	3	147	TTG	TAA	0	0	
mORF_+_1337823	1337823	1337909	+	3	87	TTG	TAA	0	0	
mORF_+_1337860	1337860	1338222	+	1	363	TTG	TAA	0	0	
mORF_+_1337913	1337913	1337993	+	3	81	TTG	TAG	0	0	
mORF_+_1338039	1338039	1338065	+	3	27	TTG	TAA	0	0	
mORF_+_1338125	1338125	1338142	+	2	18	TTG	TAG	0	0	
mORF_+_1338164	1338164	1338247	+	2	84	GTG	TAA	0	0	
mORF_+_1338195	1338195	1338206	+	3	12	ATG	TAA	0	0	
mORF_+_1338265	1338265	1338270	+	1	6	ATG	TGA	0	0	
mORF_+_1338267	1338267	1338575	+	3	309	GTG	TAA	4	27	pORF_+_1338267
mORF_+_1338328	1338328	1338351	+	1	24	GTG	TGA	0	0	

mORF_+_1338412	1338412	1338441	+	1	30	TTG	TGA	0	0	
mORF_+_1338434	1338434	1338490	+	2	57	TTG	TGA	0	0	
mORF_+_1338445	1338445	1338501	+	1	57	GTG	TAA	0	0	
mORF_+_1338582	1338582	1339751	+	3	1170	ATG	TAA	8	20	pORF_+_1338582
mORF_+_1338625	1338625	1338702	+	1	78	ATG	TAG	0	0	
mORF_+_1338787	1338787	1338867	+	1	81	TTG	TAA	0	0	
mORF_+_1338889	1338889	1338981	+	1	93	ATG	TGA	0	0	
mORF_+_1338985	1338985	1339086	+	1	102	ATG	TGA	0	0	
mORF_+_1339049	1339049	1339066	+	2	18	GTG	TGA	0	0	
mORF_+_1339117	1339117	1339140	+	1	24	TTG	TAG	0	0	
mORF_+_1339174	1339174	1339182	+	1	9	GTG	TGA	0	0	
mORF_+_1339382	1339382	1339435	+	2	54	ATG	TGA	0	0	
mORF_+_1339402	1339402	1339440	+	1	39	GTG	TGA	0	0	
mORF_+_1339444	1339444	1339545	+	1	102	TTG	TAA	0	0	
mORF_+_1339561	1339561	1339596	+	1	36	ATG	TGA	0	0	
mORF_+_1339606	1339606	1339758	+	1	153	GTG	TAA	0	0	
mORF_+_1339649	1339649	1339723	+	2	75	TTG	TAA	0	0	
mORF_+_1339796	1339796	1339948	+	2	153	ATG	TGA	0	0	
mORF_+_1339804	1339804	1339863	+	1	60	TTG	TAA	0	0	
mORF_+_1339806	1339806	1339883	+	3	78	GTG	TAG	0	0	
mORF_+_1339885	1339885	1340682	+	1	798	ATG	TGA	29	300	pORF_+_1339885
mORF_+_1339997	1339997	1340074	+	2	78	TTG	TGA	0	0	
mORF_+_1340064	1340064	1340144	+	3	81	TTG	TGA	0	0	
mORF_+_1340102	1340102	1340161	+	2	60	TTG	TGA	0	0	
mORF_+_1340223	1340223	1340279	+	3	57	GTG	TGA	0	0	
mORF_+_1340234	1340234	1340263	+	2	30	ATG	TGA	0	0	
mORF_+_1340276	1340276	1340317	+	2	42	GTG	TGA	0	0	
mORF_+_1340318	1340318	1340326	+	2	9	TTG	TGA	0	0	
mORF_+_1340366	1340366	1340374	+	2	9	TTG	TGA	0	0	
mORF_+_1340393	1340393	1340416	+	2	24	ATG	TGA	0	0	
mORF_+_1340424	1340424	1340435	+	3	12	ATG	TGA	0	0	
mORF_+_1340426	1340426	1340560	+	2	135	GTG	TGA	0	0	
mORF_+_1340445	1340445	1340474	+	3	30	GTG	TAA	0	0	
mORF_+_1340585	1340585	1340602	+	2	18	GTG	TGA	0	0	
mORF_+_1340603	1340603	1340617	+	2	15	TTG	TAA	0	0	
mORF_+_1340675	1340675	1340689	+	2	15	GTG	TGA	0	0	
mORF_+_1340679	1340679	1341008	+	3	330	ATG	TAA	5	13	pORF_+_1340679
mORF_+_1340686	1340686	1340829	+	1	144	GTG	TGA	0	0	
mORF_+_1340822	1340822	1340851	+	2	30	TTG	TGA	0	0	
mORF_+_1340836	1340836	1340862	+	1	27	GTG	TGA	0	0	
mORF_+_1340869	1340869	1340883	+	1	15	TTG	TGA	0	0	
mORF_+_1340891	1340891	1340914	+	2	24	ATG	TAA	0	0	
mORF_+_1340917	1340917	1340958	+	1	42	ATG	TAA	0	0	
mORF_+_1340968	1340968	1340985	+	1	18	TTG	TGA	0	0	
mORF_+_1341032	1341032	1341184	+	2	153	GTG	TAA	0	0	
mORF_+_1341103	1341103	1341159	+	1	57	TTG	TAA	0	0	
mORF_+_1341184	1341184	1341270	+	1	87	ATG	TAG	0	0	
mORF_+_1341252	1341252	1341440	+	3	189	GTG	TGA	0	0	
mORF_+_1341298	1341298	1341309	+	1	12	TTG	TAA	0	0	
mORF_+_1341310	1341310	1341354	+	1	45	TTG	TAA	0	0	
mORF_+_1341424	1341424	1341501	+	1	78	GTG	TGA	0	0	
mORF_+_1341437	1341437	1341520	+	2	84	GTG	TGA	0	0	
mORF_+_1341517	1341517	1341543	+	1	27	TTG	TAG	0	0	
mORF_+_1341578	1341578	1341607	+	2	30	ATG	TAG	0	0	
mORF_+_1341583	1341583	1341624	+	1	42	TTG	TAA	0	0	
mORF_+_1341617	1341617	1341646	+	2	30	ATG	TGA	0	0	
mORF_+_1341625	1341625	1341639	+	1	15	ATG	TGA	0	0	
mORF_+_1341636	1341636	1341740	+	3	105	GTG	TGA	0	0	
mORF_+_1341640	1341640	1341954	+	1	315	ATG	TGA	0	0	
mORF_+_1341737	1341737	1341811	+	2	75	ATG	TGA	0	0	
mORF_+_1341741	1341741	1342073	+	3	333	ATG	TAG	3	16	pORF_+_1341741
mORF_+_1341881	1341881	1341892	+	2	12	ATG	TGA	0	0	
mORF_+_1341917	1341917	1341976	+	2	60	GTG	TAA	0	0	

mORF_+_1342009	1342009	1342014	+	1	6	ATG	TAG	0	0
mORF_+_1342024	1342024	1342119	+	1	96	GTG	TGA	0	0
mORF_+_1342116	1342116	1342346	+	3	231	TTG	TAG	0	0
mORF_+_1342165	1342165	1342236	+	1	72	TTG	TAA	0	0
mORF_+_1342220	1342220	1342258	+	2	39	GTG	TGA	0	0
mORF_+_1342252	1342252	1342323	+	1	72	GTG	TGA	0	0
mORF_+_1342298	1342298	1342318	+	2	21	TTG	TAA	0	0
mORF_+_1342333	1342333	1342395	+	1	63	ATG	TAA	0	0
mORF_+_1342353	1342353	1342448	+	3	96	TTG	TGA	0	0
mORF_+_1342457	1342457	1342585	+	2	129	TTG	TAA	0	0
mORF_+_1342474	1342474	1342497	+	1	24	GTG	TAG	0	0
mORF_+_1342485	1342485	1342562	+	3	78	ATG	TAA	0	0
mORF_+_1342664	1342664	1342717	+	2	54	ATG	TAA	0	0
mORF_+_1342671	1342671	1342799	+	3	129	ATG	TAG	0	0
mORF_+_1342783	1342783	1342869	+	1	87	ATG	TGA	0	0
mORF_+_1342839	1342839	1342931	+	3	93	TTG	TGA	0	0
mORF_+_1342856	1342856	1342885	+	2	30	TTG	TAA	0	0
mORF_+_1342900	1342900	1343028	+	1	129	TTG	TGA	0	0
mORF_+_1342988	1342988	1343065	+	2	78	TTG	TGA	0	0
mORF_+_1342992	1342992	1342997	+	3	6	TTG	TGA	0	0
mORF_+_1343025	1343025	1343072	+	3	48	TTG	TAG	0	0
mORF_+_1343062	1343062	1343118	+	1	57	GTG	TAA	0	0
mORF_+_1343093	1343093	1343110	+	2	18	ATG	TAG	0	0
mORF_+_1343111	1343111	1343356	+	2	246	TTG	TAA	0	0
mORF_+_1343137	1343137	1343190	+	1	54	GTG	TAG	0	0
mORF_+_1343205	1343205	1343249	+	3	45	TTG	TGA	0	0
mORF_+_1343263	1343263	1343394	+	1	132	GTG	TGA	0	0
mORF_+_1343295	1343295	1343387	+	3	93	ATG	TAG	0	0
mORF_+_1343391	1343391	1343489	+	3	99	ATG	TGA	0	0
mORF_+_1343404	1343404	1343478	+	1	75	GTG	TGA	0	0
mORF_+_1343486	1343486	1343665	+	2	180	TTG	TGA	0	0
mORF_+_1343518	1343518	1343583	+	1	66	GTG	TAA	0	0
mORF_+_1343532	1343532	1343567	+	3	36	TTG	TGA	0	0
mORF_+_1343619	1343619	1343642	+	3	24	GTG	TGA	0	0
mORF_+_1343626	1343626	1343649	+	1	24	TTG	TAA	0	0
mORF_+_1343655	1343655	1343711	+	3	57	GTG	TAA	0	0
mORF_+_1343669	1343669	1343698	+	2	30	ATG	TGA	0	0
mORF_+_1343683	1343683	1343871	+	1	189	GTG	TAG	0	0
mORF_+_1343727	1343727	1343918	+	3	192	ATG	TAG	0	0
mORF_+_1343786	1343786	1343791	+	2	6	TTG	TGA	0	0
mORF_+_1343849	1343849	1343866	+	2	18	ATG	TAA	0	0
mORF_+_1343875	1343875	1343928	+	1	54	ATG	TGA	0	0
mORF_+_1343909	1343909	1344007	+	2	99	ATG	TAA	0	0
mORF_+_1343925	1343925	1343987	+	3	63	TTG	TGA	0	0
mORF_+_1344016	1344016	1344042	+	1	27	TTG	TGA	0	0
mORF_+_1344039	1344039	1344080	+	3	42	GTG	TGA	0	0
mORF_+_1344055	1344055	1344099	+	1	45	TTG	TAA	0	0
mORF_+_1344099	1344099	1344341	+	3	243	ATG	TAA	0	0
mORF_+_1344149	1344149	1344352	+	2	204	GTG	TAA	0	0
mORF_+_1344193	1344193	1344288	+	1	96	ATG	TAA	0	0
mORF_+_1344357	1344357	1344809	+	3	453	TTG	TAA	0	0
mORF_+_1344365	1344365	1344448	+	2	84	TTG	TGA	0	0
mORF_+_1344397	1344397	1344516	+	1	120	TTG	TGA	0	0
mORF_+_1344476	1344476	1344631	+	2	156	ATG	TAA	0	0
mORF_+_1344637	1344637	1344669	+	1	33	ATG	TAG	0	0
mORF_+_1344709	1344709	1344756	+	1	48	ATG	TAA	0	0
mORF_+_1344716	1344716	1344805	+	2	90	GTG	TAA	0	0
mORF_+_1344820	1344820	1344924	+	1	105	ATG	TAA	0	0
mORF_+_1344854	1344854	1344880	+	2	27	TTG	TAA	0	0
mORF_+_1344888	1344888	1344965	+	3	78	TTG	TAA	0	0
mORF_+_1344977	1344977	1344994	+	2	18	ATG	TGA	0	0
mORF_+_1344984	1344984	1345157	+	3	174	ATG	TAA	0	0
mORF_+_1344991	1344991	1345086	+	1	96	GTG	TAA	0	0

mORF_+_1345111	1345111	1345488	+	1	378	GTG	TGA	0	0
mORF_+_1345163	1345163	1345174	+	2	12	GTG	TAA	0	0
mORF_+_1345283	1345283	1345327	+	2	45	GTG	TGA	0	0
mORF_+_1345347	1345347	1345520	+	3	174	TTG	TGA	0	0
mORF_+_1345367	1345367	1345393	+	2	27	GTG	TGA	0	0
mORF_+_1345463	1345463	1345507	+	2	45	ATG	TAA	0	0
mORF_+_1345501	1345501	1345701	+	1	201	GTG	TAG	0	0
mORF_+_1345517	1345517	1345606	+	2	90	ATG	TGA	0	0
mORF_+_1345560	1345560	1345919	+	3	360	TTG	TAG	0	0
mORF_+_1345702	1345702	1345848	+	1	147	ATG	TAA	0	0
mORF_+_1345871	1345871	1346158	+	2	288	GTG	TAG	0	0
mORF_+_1345929	1345929	1346123	+	3	195	TTG	TGA	0	0
mORF_+_1346014	1346014	1346181	+	1	168	TTG	TAG	0	0
mORF_+_1346182	1346182	1346271	+	1	90	TTG	TGA	0	0
mORF_+_1346189	1346189	1346296	+	2	108	ATG	TAG	0	0
mORF_+_1346275	1346275	1346469	+	1	195	TTG	TGA	0	0
mORF_+_1346414	1346414	1346449	+	2	36	GTG	TAA	0	0
mORF_+_1346433	1346433	1346621	+	3	189	ATG	TAA	0	0
mORF_+_1346482	1346482	1346508	+	1	27	GTG	TAG	0	0
mORF_+_1346492	1346492	1346572	+	2	81	GTG	TAA	0	0
mORF_+_1346608	1346608	1346631	+	1	24	ATG	TGA	0	0
mORF_+_1346624	1346624	1346758	+	2	135	GTG	TAA	0	0
mORF_+_1346628	1346628	1346915	+	3	288	ATG	TAG	0	0
mORF_+_1346641	1346641	1346667	+	1	27	ATG	TGA	0	0
mORF_+_1346773	1346773	1346808	+	1	36	ATG	TAA	0	0
mORF_+_1346851	1346851	1346931	+	1	81	GTG	TGA	0	0
mORF_+_1346876	1346876	1346905	+	2	30	GTG	TAA	0	0
mORF_+_1346939	1346939	1347007	+	2	69	TTG	TAA	0	0
mORF_+_1347009	1347009	1347077	+	3	69	ATG	TAA	0	0
mORF_+_1347087	1347087	1347119	+	3	33	TTG	TGA	0	0
mORF_+_1347100	1347100	1347111	+	1	12	GTG	TAA	0	0
mORF_+_1347144	1347144	1347179	+	3	36	GTG	TAG	0	0
mORF_+_1347160	1347160	1347267	+	1	108	TTG	TGA	0	0
mORF_+_1347230	1347230	1347337	+	2	108	TTG	TGA	0	0
mORF_+_1347264	1347264	1347401	+	3	138	TTG	TAG	0	0
mORF_+_1347353	1347353	1347487	+	2	135	TTG	TAG	0	0
mORF_+_1347403	1347403	1347447	+	1	45	GTG	TGA	0	0
mORF_+_1347444	1347444	1347626	+	3	183	TTG	TAA	0	0
mORF_+_1347457	1347457	1347471	+	1	15	GTG	TAG	0	0
mORF_+_1347541	1347541	1347561	+	1	21	TTG	TAA	0	0
mORF_+_1347574	1347574	1347831	+	1	258	ATG	TAA	0	0
mORF_+_1347632	1347632	1347766	+	2	135	ATG	TGA	0	0
mORF_+_1347753	1347753	1347806	+	3	54	GTG	TAA	0	0
mORF_+_1347779	1347779	1347820	+	2	42	GTG	TAG	0	0
mORF_+_1347890	1347890	1348093	+	2	204	GTG	TGA	0	0
mORF_+_1347900	1347900	1347917	+	3	18	GTG	TAA	0	0
mORF_+_1347966	1347966	1348028	+	3	63	ATG	TGA	0	0
mORF_+_1348032	1348032	1348073	+	3	42	TTG	TAG	0	0
mORF_+_1348081	1348081	1348206	+	1	126	TTG	TAA	0	0
mORF_+_1348106	1348106	1348150	+	2	45	TTG	TAA	0	0
mORF_+_1348298	1348298	1348312	+	2	15	TTG	TGA	0	0
mORF_+_1348306	1348306	1348440	+	1	135	ATG	TGA	0	0
mORF_+_1348326	1348326	1349012	+	3	687	GTG	TAG	0	0
mORF_+_1348373	1348373	1348402	+	2	30	ATG	TAG	0	0
mORF_+_1348450	1348450	1348551	+	1	102	TTG	TAG	0	0
mORF_+_1348577	1348577	1348591	+	2	15	TTG	TAA	0	0
mORF_+_1348594	1348594	1348599	+	1	6	TTG	TAG	0	0
mORF_+_1348663	1348663	1348701	+	1	39	ATG	TAG	0	0
mORF_+_1348679	1348679	1348708	+	2	30	TTG	TGA	0	0
mORF_+_1348708	1348708	1348755	+	1	48	ATG	TAG	0	0
mORF_+_1348778	1348778	1348792	+	2	15	GTG	TAG	0	0
mORF_+_1348843	1348843	1348905	+	1	63	ATG	TGA	0	0
mORF_+_1348936	1348936	1348950	+	1	15	TTG	TAG	0	0

mORF_+_1348951	1348951	1348989	+	1	39	GTG	TGA	0	0
mORF_+_1348955	1348955	1349065	+	2	111	ATG	TAG	0	0
mORF_+_1349005	1349005	1349100	+	1	96	ATG	TGA	0	0
mORF_+_1349078	1349078	1349176	+	2	99	TTG	TAG	0	0
mORF_+_1349088	1349088	1349144	+	3	57	TTG	TAA	0	0
mORF_+_1349169	1349169	1349240	+	3	72	GTG	TAA	0	0
mORF_+_1349183	1349183	1349320	+	2	138	TTG	TAA	0	0
mORF_+_1349271	1349271	1349555	+	3	285	TTG	TAG	0	0
mORF_+_1349383	1349383	1349445	+	1	63	ATG	TGA	0	0
mORF_+_1349555	1349555	1349572	+	2	18	GTG	TAG	0	0
mORF_+_1349587	1349587	1349751	+	1	165	ATG	TAA	0	0
mORF_+_1349645	1349645	1349650	+	2	6	ATG	TAG	0	0
mORF_+_1349678	1349678	1349794	+	2	117	TTG	TGA	0	0
mORF_+_1349763	1349763	1349771	+	3	9	TTG	TAA	0	0
mORF_+_1349809	1349809	1349820	+	1	12	TTG	TGA	0	0
mORF_+_1349817	1349817	1349825	+	3	9	ATG	TGA	0	0
mORF_+_1349822	1349822	1350073	+	2	252	GTG	TAA	0	0
mORF_+_1349884	1349884	1349922	+	1	39	ATG	TGA	0	0
mORF_+_1349916	1349916	1349984	+	3	69	TTG	TGA	0	0
mORF_+_1349938	1349938	1350009	+	1	72	ATG	TAA	0	0
mORF_+_1350009	1350009	1350044	+	3	36	ATG	TAA	0	0
mORF_+_1350054	1350054	1350221	+	3	168	ATG	TAG	0	0
mORF_+_1350118	1350118	1350144	+	1	27	GTG	TAA	0	0
mORF_+_1350151	1350151	1350228	+	1	78	TTG	TGA	0	0
mORF_+_1350194	1350194	1350241	+	2	48	TTG	TAG	0	0
mORF_+_1350276	1350276	1350347	+	3	72	TTG	TGA	0	0
mORF_+_1350316	1350316	1350462	+	1	147	GTG	TAG	0	0
mORF_+_1350332	1350332	1350448	+	2	117	TTG	TAA	0	0
mORF_+_1350384	1350384	1350398	+	3	15	ATG	TGA	0	0
mORF_+_1350487	1350487	1350525	+	1	39	TTG	TAA	0	0
mORF_+_1350495	1350495	1350587	+	3	93	GTG	TGA	0	0
mORF_+_1350532	1350532	1350555	+	1	24	GTG	TAA	0	0
mORF_+_1350673	1350673	1350690	+	1	18	ATG	TGA	0	0
mORF_+_1350687	1350687	1350791	+	3	105	ATG	TAA	0	0
mORF_+_1350725	1350725	1350811	+	2	87	GTG	TAG	0	0
mORF_+_1350736	1350736	1350894	+	1	159	ATG	TAA	0	0
mORF_+_1350840	1350840	1350998	+	3	159	ATG	TAA	0	0
mORF_+_1350902	1350902	1350967	+	2	66	GTG	TAA	0	0
mORF_+_1351002	1351002	1351091	+	3	90	ATG	TGA	0	0
mORF_+_1351021	1351021	1351128	+	1	108	GTG	TGA	0	0
mORF_+_1351076	1351076	1351219	+	2	144	TTG	TAA	0	0
mORF_+_1351125	1351125	1351340	+	3	216	TTG	TGA	0	0
mORF_+_1351141	1351141	1351161	+	1	21	ATG	TGA	0	0
mORF_+_1351207	1351207	1351212	+	1	6	TTG	TGA	0	0
mORF_+_1351243	1351243	1351293	+	1	51	ATG	TAG	0	0
mORF_+_1351306	1351306	1351671	+	1	366	ATG	TAA	0	0
mORF_+_1351386	1351386	1351565	+	3	180	ATG	TAA	0	0
mORF_+_1351412	1351412	1351465	+	2	54	GTG	TAA	0	0
mORF_+_1351646	1351646	1351948	+	2	303	ATG	TGA	0	0
mORF_+_1351726	1351726	1351746	+	1	21	TTG	TGA	0	0
mORF_+_1351743	1351743	1351766	+	3	24	ATG	TAA	0	0
mORF_+_1351819	1351819	1351884	+	1	66	GTG	TGA	0	0
mORF_+_1351881	1351881	1352012	+	3	132	GTG	TAA	0	0
mORF_+_1351912	1351912	1351974	+	1	63	TTG	TAA	0	0
mORF_+_1351997	1351997	1352131	+	2	135	ATG	TAA	0	0
mORF_+_1352038	1352038	1352061	+	1	24	ATG	TAG	0	0
mORF_+_1352101	1352101	1352151	+	1	51	TTG	TAA	0	0
mORF_+_1352144	1352144	1352161	+	2	18	ATG	TGA	0	0
mORF_+_1352171	1352171	1352272	+	2	102	GTG	TAA	0	0
mORF_+_1352173	1352173	1352655	+	1	483	GTG	TAA	0	0
mORF_+_1352190	1352190	1352333	+	3	144	GTG	TAG	0	0
mORF_+_1352357	1352357	1352569	+	2	213	TTG	TAG	0	0
mORF_+_1352382	1352382	1352390	+	3	9	ATG	TAA	0	0

mORF_+_1352478	1352478	1352537	+	3	60	TTG	TAA	0	0	
mORF_+_1352553	1352553	1352618	+	3	66	ATG	TGA	0	0	
mORF_+_1352615	1352615	1352677	+	2	63	GTG	TAA	0	0	
mORF_+_1352668	1352668	1352856	+	1	189	ATG	TAG	0	0	
mORF_+_1352790	1352790	1352990	+	3	201	ATG	TGA	0	0	
mORF_+_1352878	1352878	1353045	+	1	168	GTG	TAG	0	0	
mORF_+_1352909	1352909	1352932	+	2	24	TTG	TGA	0	0	
mORF_+_1352957	1352957	1352968	+	2	12	TTG	TGA	0	0	
mORF_+_1352984	1352984	1353028	+	2	45	ATG	TAA	0	0	
mORF_+_1353085	1353085	1353306	+	1	222	GTG	TGA	0	0	
mORF_+_1353089	1353089	1353163	+	2	75	GTG	TGA	0	0	
mORF_+_1353183	1353183	1353287	+	3	105	ATG	TAA	0	0	
mORF_+_1353303	1353303	1353380	+	3	78	TTG	TGA	0	0	
mORF_+_1353313	1353313	1353402	+	1	90	ATG	TGA	0	0	
mORF_+_1353377	1353377	1353409	+	2	33	GTG	TGA	0	0	
mORF_+_1353387	1353387	1353392	+	3	6	TTG	TAA	0	0	
mORF_+_1353399	1353399	1353464	+	3	66	ATG	TAA	0	0	
mORF_+_1353406	1353406	1353414	+	1	9	GTG	TAG	0	0	
mORF_+_1353451	1353451	1353561	+	1	111	GTG	TAA	0	0	
mORF_+_1353573	1353573	1353590	+	3	18	TTG	TAG	0	0	
mORF_+_1353604	1353604	1354068	+	1	465	ATG	TAA	1	2	pORF_+_1353604
mORF_+_1353624	1353624	1353665	+	3	42	ATG	TAG	0	0	
mORF_+_1353740	1353740	1353784	+	2	45	GTG	TAA	0	0	
mORF_+_1353750	1353750	1353764	+	3	15	TTG	TGA	0	0	
mORF_+_1353845	1353845	1354009	+	2	165	ATG	TAA	0	0	
mORF_+_1353984	1353984	1354088	+	3	105	GTG	TAG	0	0	
mORF_+_1354143	1354143	1354241	+	3	99	ATG	TAG	0	0	
mORF_+_1354148	1354148	1354210	+	2	63	TTG	TAG	0	0	
mORF_+_1354177	1354177	1354230	+	1	54	GTG	TAA	0	0	
mORF_+_1354231	1354231	1354452	+	1	222	ATG	TAA	0	0	
mORF_+_1354296	1354296	1354436	+	3	141	ATG	TGA	0	0	
mORF_+_1354433	1354433	1354444	+	2	12	ATG	TAG	0	0	
mORF_+_1354454	1354454	1354540	+	2	87	TTG	TAA	0	0	
mORF_+_1354491	1354491	1354505	+	3	15	GTG	TGA	0	0	
mORF_+_1354563	1354563	1354577	+	3	15	ATG	TAA	0	0	
mORF_+_1354577	1354577	1354969	+	2	393	ATG	TAA	0	0	
mORF_+_1354582	1354582	1354716	+	1	135	TTG	TGA	0	0	
mORF_+_1354650	1354650	1354697	+	3	48	TTG	TAG	0	0	
mORF_+_1354704	1354704	1354817	+	3	114	TTG	TGA	0	0	
mORF_+_1354860	1354860	1354907	+	3	48	TTG	TAG	0	0	
mORF_+_1354983	1354983	1355024	+	3	42	TTG	TAG	0	0	
mORF_+_1354987	1354987	1354995	+	1	9	ATG	TAA	0	0	
mORF_+_1355006	1355006	1355122	+	2	117	TTG	TAA	0	0	
mORF_+_1355077	1355077	1355136	+	1	60	TTG	TAA	0	0	
mORF_+_1355151	1355151	1355156	+	3	6	ATG	TAA	0	0	
mORF_+_1355180	1355180	1355218	+	2	39	ATG	TAA	0	0	
mORF_+_1355187	1355187	1355243	+	3	57	TTG	TGA	0	0	
mORF_+_1355200	1355200	1355283	+	1	84	TTG	TGA	0	0	
mORF_+_1355240	1355240	1355251	+	2	12	TTG	TGA	0	0	
mORF_+_1355280	1355280	1355294	+	3	15	GTG	TAA	0	0	
mORF_+_1355340	1355340	1355465	+	3	126	GTG	TGA	0	0	
mORF_+_1355371	1355371	1355424	+	1	54	GTG	TGA	0	0	
mORF_+_1355462	1355462	1355581	+	2	120	TTG	TAA	0	0	
mORF_+_1355490	1355490	1355591	+	3	102	ATG	TAG	0	0	
mORF_+_1355591	1355591	1355674	+	2	84	GTG	TAG	0	0	
mORF_+_1355602	1355602	1355775	+	1	174	GTG	TAA	0	0	
mORF_+_1355604	1355604	1355711	+	3	108	GTG	TAA	0	0	
mORF_+_1355684	1355684	1355719	+	2	36	GTG	TAA	0	0	
mORF_+_1355732	1355732	1355806	+	2	75	ATG	TAA	0	0	
mORF_+_1355775	1355775	1355900	+	3	126	ATG	TAA	0	0	
mORF_+_1355806	1355806	1355880	+	1	75	ATG	TAG	0	0	
mORF_+_1355903	1355903	1355962	+	2	60	ATG	TAA	0	0	
mORF_+_1356012	1356012	1356119	+	3	108	GTG	TAA	0	0	

mORF_+_1356124	1356124	1356219	+	1	96	GTG	TAG	0	0	
mORF_+_1356188	1356188	1356403	+	2	216	GTG	TAA	0	0	
mORF_+_1356210	1356210	1356290	+	3	81	GTG	TGA	0	0	
mORF_+_1356244	1356244	1356471	+	1	228	TTG	TAG	0	0	
mORF_+_1356487	1356487	1356630	+	1	144	ATG	TGA	0	0	
mORF_+_1356506	1356506	1356589	+	2	84	GTG	TAA	0	0	
mORF_+_1356603	1356603	1356635	+	3	33	GTG	TGA	0	0	
mORF_+_1356632	1356632	1356691	+	2	60	GTG	TAA	0	0	
mORF_+_1356643	1356643	1356675	+	1	33	GTG	TGA	0	0	
mORF_+_1356663	1356663	1356779	+	3	117	ATG	TAA	0	0	
mORF_+_1356700	1356700	1356843	+	1	144	ATG	TAG	0	0	
mORF_+_1356896	1356896	1356913	+	2	18	ATG	TAA	0	0	
mORF_+_1356921	1356921	1357151	+	3	231	GTG	TGA	0	0	
mORF_+_1356988	1356988	1356996	+	1	9	TTG	TAG	0	0	
mORF_+_1357063	1357063	1357113	+	1	51	ATG	TAG	0	0	
mORF_+_1357148	1357148	1357204	+	2	57	GTG	TAA	0	0	
mORF_+_1357168	1357168	1357233	+	1	66	TTG	TAA	0	0	
mORF_+_1357176	1357176	1357199	+	3	24	TTG	TGA	0	0	
mORF_+_1357214	1357214	1357399	+	2	186	TTG	TAA	0	0	
mORF_+_1357240	1357240	1357275	+	1	36	TTG	TAG	0	0	
mORF_+_1357248	1357248	1357259	+	3	12	GTG	TGA	0	0	
mORF_+_1357342	1357342	1357392	+	1	51	ATG	TAA	0	0	
mORF_+_1357410	1357410	1357598	+	3	189	TTG	TGA	0	0	
mORF_+_1357445	1357445	1357624	+	2	180	ATG	TAA	0	0	
mORF_+_1357637	1357637	1357693	+	2	57	GTG	TAA	0	0	
mORF_+_1357713	1357713	1357838	+	3	126	TTG	TGA	0	0	
mORF_+_1357757	1357757	1358182	+	2	426	ATG	TAG	0	0	
mORF_+_1357795	1357795	1358079	+	1	285	ATG	TGA	0	0	
mORF_+_1357875	1357875	1358228	+	3	354	GTG	TAA	0	0	
mORF_+_1358182	1358182	1358235	+	1	54	GTG	TGA	0	0	
mORF_+_1358222	1358222	1358293	+	2	72	ATG	TAA	0	0	
mORF_+_1358232	1358232	1358246	+	3	15	TTG	TGA	0	0	
mORF_+_1358316	1358316	1358357	+	3	42	TTG	TAA	0	0	
mORF_+_1358333	1358333	1358443	+	2	111	GTG	TAA	0	0	
mORF_+_1358368	1358368	1358514	+	1	147	GTG	TAA	0	0	
mORF_+_1358373	1358373	1358447	+	3	75	TTG	TAG	0	0	
mORF_+_1358562	1358562	1358579	+	3	18	ATG	TGA	0	0	
mORF_+_1358688	1358688	1358729	+	3	42	TTG	TAA	0	0	
mORF_+_1358704	1358704	1358802	+	1	99	TTG	TAA	0	0	
mORF_+_1358819	1358819	1358890	+	2	72	TTG	TGA	0	0	
mORF_+_1358922	1358922	1358984	+	3	63	TTG	TAA	0	0	
mORF_+_1358945	1358945	1358977	+	2	33	TTG	TAA	0	0	
mORF_+_1358950	1358950	1359015	+	1	66	TTG	TAA	0	0	
mORF_+_1358984	1358984	1359052	+	2	69	ATG	TGA	0	0	
mORF_+_1359016	1359016	1359033	+	1	18	ATG	TAA	0	0	
mORF_+_1359027	1359027	1359038	+	3	12	ATG	TGA	0	0	
mORF_+_1359049	1359049	1359066	+	1	18	ATG	TAG	0	0	
mORF_+_1359068	1359068	1359082	+	2	15	TTG	TGA	0	0	
mORF_+_1359079	1359079	1359099	+	1	21	TTG	TAA	0	0	
mORF_+_1359109	1359109	1359123	+	1	15	ATG	TAG	0	0	
mORF_+_1359130	1359130	1359135	+	1	6	TTG	TGA	0	0	
mORF_+_1359132	1359132	1359908	+	3	777	GTG	TGA	5	16	pORF_+_1359132
mORF_+_1359175	1359175	1359183	+	1	9	GTG	TAA	0	0	
mORF_+_1359185	1359185	1359202	+	2	18	GTG	TAA	0	0	
mORF_+_1359208	1359208	1359240	+	1	33	ATG	TGA	0	0	
mORF_+_1359241	1359241	1359429	+	1	189	ATG	TGA	0	0	
mORF_+_1359445	1359445	1359681	+	1	237	ATG	TAA	0	0	
mORF_+_1359539	1359539	1359553	+	2	15	GTG	TGA	0	0	
mORF_+_1359662	1359662	1359667	+	2	6	ATG	TAG	0	0	
mORF_+_1359674	1359674	1359715	+	2	42	TTG	TAG	0	0	
mORF_+_1359691	1359691	1359756	+	1	66	ATG	TAG	0	0	
mORF_+_1359757	1359757	1359942	+	1	186	TTG	TGA	0	0	
mORF_+_1359803	1359803	1359826	+	2	24	GTG	TAG	0	0	

mORF_+_1359872	1359872	1359892	+	2	21	TTG	TGA	0	0	
mORF_+_1359927	1359927	1359938	+	3	12	ATG	TGA	0	0	
mORF_+_1359935	1359935	1360492	+	2	558	ATG	TAA	2	5	pORF_+_1359935
mORF_+_1359939	1359939	1360031	+	3	93	GTG	TGA	0	0	
mORF_+_1360038	1360038	1360055	+	3	18	GTG	TAG	0	0	
mORF_+_1360110	1360110	1360190	+	3	81	ATG	TAA	0	0	
mORF_+_1360191	1360191	1360220	+	3	30	TTG	TGA	0	0	
mORF_+_1360266	1360266	1360328	+	3	63	TTG	TAG	0	0	
mORF_+_1360344	1360344	1360358	+	3	15	GTG	TGA	0	0	
mORF_+_1360365	1360365	1360508	+	3	144	ATG	TAA	0	0	
mORF_+_1360453	1360453	1360578	+	1	126	TTG	TGA	0	0	
mORF_+_1360523	1360523	1360606	+	2	84	ATG	TAA	0	0	
mORF_+_1360575	1360575	1360592	+	3	18	GTG	TGA	0	0	
mORF_+_1360607	1360607	1360720	+	2	114	GTG	TGA	0	0	
mORF_+_1360653	1360653	1360667	+	3	15	ATG	TAA	0	0	
mORF_+_1360671	1360671	1362254	+	3	1584	ATG	TGA	1	3	pORF_+_1360671
mORF_+_1360750	1360750	1360767	+	1	18	GTG	TAA	0	0	
mORF_+_1360819	1360819	1360956	+	1	138	TTG	TGA	0	0	
mORF_+_1360975	1360975	1361028	+	1	54	TTG	TGA	0	0	
mORF_+_1361119	1361119	1361223	+	1	105	GTG	TGA	0	0	
mORF_+_1361230	1361230	1361247	+	1	18	GTG	TGA	0	0	
mORF_+_1361248	1361248	1361286	+	1	39	TTG	TGA	0	0	
mORF_+_1361264	1361264	1361347	+	2	84	GTG	TGA	0	0	
mORF_+_1361362	1361362	1361418	+	1	57	GTG	TGA	0	0	
mORF_+_1361434	1361434	1361526	+	1	93	TTG	TGA	0	0	
mORF_+_1361530	1361530	1361550	+	1	21	ATG	TGA	0	0	
mORF_+_1361669	1361669	1361716	+	2	48	GTG	TGA	0	0	
mORF_+_1361713	1361713	1361724	+	1	12	ATG	TAG	0	0	
mORF_+_1361770	1361770	1361799	+	1	30	TTG	TAA	0	0	
mORF_+_1361872	1361872	1361946	+	1	75	ATG	TAA	0	0	
mORF_+_1362016	1362016	1362087	+	1	72	TTG	TGA	0	0	
mORF_+_1362053	1362053	1362124	+	2	72	ATG	TAA	0	0	
mORF_+_1362154	1362154	1362225	+	1	72	TTG	TGA	0	0	
mORF_+_1362256	1362256	1363536	+	1	1281	ATG	TAA	2	7	pORF_+_1362256
mORF_+_1362290	1362290	1362322	+	2	33	GTG	TGA	0	0	
mORF_+_1362323	1362323	1362415	+	2	93	ATG	TAG	0	0	
mORF_+_1362345	1362345	1362410	+	3	66	TTG	TGA	0	0	
mORF_+_1362443	1362443	1362478	+	2	36	TTG	TGA	0	0	
mORF_+_1362563	1362563	1362643	+	2	81	GTG	TGA	0	0	
mORF_+_1362644	1362644	1362748	+	2	105	ATG	TAG	0	0	
mORF_+_1362767	1362767	1362808	+	2	42	GTG	TAA	0	0	
mORF_+_1362812	1362812	1362877	+	2	66	TTG	TGA	0	0	
mORF_+_1362905	1362905	1362931	+	2	27	TTG	TGA	0	0	
mORF_+_1362941	1362941	1362946	+	2	6	ATG	TGA	0	0	
mORF_+_1362947	1362947	1362982	+	2	36	TTG	TAG	0	0	
mORF_+_1363011	1363011	1363100	+	3	90	GTG	TAA	0	0	
mORF_+_1363085	1363085	1363219	+	2	135	GTG	TGA	0	0	
mORF_+_1363250	1363250	1363282	+	2	33	TTG	TGA	0	0	
mORF_+_1363304	1363304	1363360	+	2	57	TTG	TGA	0	0	
mORF_+_1363388	1363388	1363570	+	2	183	TTG	TGA	0	0	
mORF_+_1363567	1363567	1363587	+	1	21	GTG	TGA	0	0	
mORF_+_1363574	1363574	1364839	+	2	1266	ATG	TAA	5	11	pORF_+_1363574
mORF_+_1363584	1363584	1363634	+	3	51	ATG	TGA	0	0	
mORF_+_1363636	1363636	1363641	+	1	6	GTG	TAA	0	0	
mORF_+_1363680	1363680	1363730	+	3	51	ATG	TGA	0	0	
mORF_+_1363809	1363809	1363868	+	3	60	TTG	TGA	0	0	
mORF_+_1363902	1363902	1363928	+	3	27	GTG	TGA	0	0	
mORF_+_1363932	1363932	1363964	+	3	33	TTG	TGA	0	0	
mORF_+_1363965	1363965	1364003	+	3	39	TTG	TGA	0	0	
mORF_+_1364025	1364025	1364276	+	3	252	TTG	TGA	0	0	
mORF_+_1364254	1364254	1364286	+	1	33	GTG	TGA	0	0	
mORF_+_1364280	1364280	1364360	+	3	81	TTG	TAA	0	0	
mORF_+_1364451	1364451	1364576	+	3	126	TTG	TGA	0	0	

mORF_+_1364577	1364577	1364633	+	3	57	TTG	TGA	0	0	
mORF_+_1364634	1364634	1364642	+	3	9	TTG	TAG	0	0	
mORF_+_1364682	1364682	1364732	+	3	51	TTG	TGA	0	0	
mORF_+_1364736	1364736	1364756	+	3	21	GTG	TGA	0	0	
mORF_+_1364787	1364787	1364810	+	3	24	ATG	TGA	0	0	
mORF_+_1364823	1364823	1364831	+	3	9	ATG	TGA	0	0	
mORF_+_1364855	1364855	1364899	+	2	45	ATG	TGA	0	0	
mORF_+_1364862	1364862	1365059	+	3	198	ATG	TGA	0	0	
mORF_+_1364896	1364896	1364916	+	1	21	TTG	TAA	0	0	
mORF_+_1364906	1364906	1364962	+	2	57	ATG	TAA	0	0	
mORF_+_1364941	1364941	1365006	+	1	66	TTG	TAA	0	0	
mORF_+_1365046	1365046	1365102	+	1	57	TTG	TAA	0	0	
mORF_+_1365114	1365114	1365149	+	3	36	GTG	TAG	0	0	
mORF_+_1365128	1365128	1365205	+	2	78	GTG	TAA	0	0	
mORF_+_1365212	1365212	1365280	+	2	69	GTG	TAA	0	0	
mORF_+_1365217	1365217	1365231	+	1	15	GTG	TGA	0	0	
mORF_+_1365288	1365288	1365311	+	3	24	ATG	TAA	0	0	
mORF_+_1365332	1365332	1365664	+	2	333	TTG	TGA	0	0	
mORF_+_1365402	1365402	1365470	+	3	69	GTG	TGA	0	0	
mORF_+_1365412	1365412	1365579	+	1	168	TTG	TAA	0	0	
mORF_+_1365525	1365525	1365608	+	3	84	ATG	TAG	0	0	
mORF_+_1365661	1365661	1365735	+	1	75	ATG	TAA	0	0	
mORF_+_1365766	1365766	1365915	+	1	150	TTG	TAA	0	0	
mORF_+_1365818	1365818	1365958	+	2	141	GTG	TAG	0	0	
mORF_+_1365858	1365858	1365938	+	3	81	GTG	TGA	0	0	
mORF_+_1365952	1365952	1365963	+	1	12	TTG	TAA	0	0	
mORF_+_1365983	1365983	1366030	+	2	48	ATG	TAA	0	0	
mORF_+_1366035	1366035	1366055	+	3	21	TTG	TAA	0	0	
mORF_+_1366103	1366103	1366771	+	2	669	ATG	TAA	30	248	pORF_+_1366103
mORF_+_1366122	1366122	1366136	+	3	15	TTG	TGA	0	0	
mORF_+_1366137	1366137	1366160	+	3	24	ATG	TAG	0	0	
mORF_+_1366224	1366224	1366274	+	3	51	TTG	TGA	0	0	
mORF_+_1366284	1366284	1366343	+	3	60	TTG	TGA	0	0	
mORF_+_1366312	1366312	1366380	+	1	69	ATG	TGA	0	0	
mORF_+_1366365	1366365	1366376	+	3	12	GTG	TAA	0	0	
mORF_+_1366377	1366377	1366394	+	3	18	TTG	TGA	0	0	
mORF_+_1366419	1366419	1366427	+	3	9	ATG	TGA	0	0	
mORF_+_1366467	1366467	1366490	+	3	24	TTG	TGA	0	0	
mORF_+_1366554	1366554	1366703	+	3	150	ATG	TGA	0	0	
mORF_+_1366710	1366710	1366742	+	3	33	ATG	TAA	0	0	
mORF_+_1366825	1366825	1367049	+	1	225	ATG	TAA	2	5	pORF_+_1366825
mORF_+_1366862	1366862	1366954	+	2	93	TTG	TAG	0	0	
mORF_+_1366890	1366890	1366925	+	3	36	ATG	TGA	0	0	
mORF_+_1366967	1366967	1367062	+	2	96	ATG	TAA	0	0	
mORF_+_1367049	1367049	1367408	+	3	360	ATG	TGA	0	0	
mORF_+_1367078	1367078	1367140	+	2	63	ATG	TGA	0	0	
mORF_+_1367125	1367125	1367151	+	1	27	TTG	TAA	0	0	
mORF_+_1367212	1367212	1367610	+	1	399	TTG	TAA	0	0	
mORF_+_1367405	1367405	1367638	+	2	234	GTG	TGA	0	0	
mORF_+_1367505	1367505	1367537	+	3	33	ATG	TAA	0	0	
mORF_+_1367544	1367544	1367561	+	3	18	TTG	TGA	0	0	
mORF_+_1367635	1367635	1367700	+	1	66	GTG	TAG	0	0	
mORF_+_1367681	1367681	1367848	+	2	168	ATG	TGA	0	0	
mORF_+_1367713	1367713	1368027	+	1	315	ATG	TAA	12	76	pORF_+_1367713
mORF_+_1367867	1367867	1367902	+	2	36	TTG	TGA	0	0	
mORF_+_1367910	1367910	1367954	+	3	45	TTG	TAG	0	0	
mORF_+_1367915	1367915	1367995	+	2	81	ATG	TGA	0	0	
mORF_+_1368039	1368039	1368137	+	3	99	ATG	TAA	0	0	
mORF_+_1368052	1368052	1368096	+	1	45	ATG	TAG	0	0	
mORF_+_1368141	1368141	1368179	+	3	39	ATG	TGA	0	0	
mORF_+_1368166	1368166	1368201	+	1	36	TTG	TAG	0	0	
mORF_+_1368176	1368176	1368328	+	2	153	TTG	TGA	0	0	
mORF_+_1368213	1368213	1369919	+	3	1707	ATG	TAA	1	2	pORF_+_1368213

mORF_+_1368280	1368280	1368318	+	1	39	GTG	TAA	0	0	
mORF_+_1368325	1368325	1368345	+	1	21	TTG	TAA	0	0	
mORF_+_1368373	1368373	1368393	+	1	21	ATG	TAA	0	0	
mORF_+_1368400	1368400	1368429	+	1	30	ATG	TAA	0	0	
mORF_+_1368464	1368464	1368523	+	2	60	ATG	TGA	0	0	
mORF_+_1368487	1368487	1368540	+	1	54	ATG	TAA	0	0	
mORF_+_1368541	1368541	1368615	+	1	75	TTG	TAA	0	0	
mORF_+_1368575	1368575	1368601	+	2	27	GTG	TGA	0	0	
mORF_+_1368602	1368602	1368622	+	2	21	ATG	TGA	0	0	
mORF_+_1368619	1368619	1368768	+	1	150	TTG	TAA	0	0	
mORF_+_1368656	1368656	1368664	+	2	9	ATG	TAA	0	0	
mORF_+_1368806	1368806	1368820	+	2	15	ATG	TAG	0	0	
mORF_+_1368820	1368820	1368840	+	1	21	GTG	TGA	0	0	
mORF_+_1368877	1368877	1368990	+	1	114	ATG	TGA	0	0	
mORF_+_1368941	1368941	1369018	+	2	78	GTG	TGA	0	0	
mORF_+_1369015	1369015	1369041	+	1	27	TTG	TGA	0	0	
mORF_+_1369057	1369057	1369203	+	1	147	ATG	TGA	0	0	
mORF_+_1369181	1369181	1369234	+	2	54	TTG	TAA	0	0	
mORF_+_1369252	1369252	1369266	+	1	15	ATG	TAA	0	0	
mORF_+_1369333	1369333	1369341	+	1	9	GTG	TAG	0	0	
mORF_+_1369381	1369381	1369389	+	1	9	ATG	TAA	0	0	
mORF_+_1369390	1369390	1369395	+	1	6	ATG	TGA	0	0	
mORF_+_1369405	1369405	1369413	+	1	9	ATG	TAA	0	0	
mORF_+_1369420	1369420	1369479	+	1	60	GTG	TAA	0	0	
mORF_+_1369442	1369442	1369531	+	2	90	TTG	TAA	0	0	
mORF_+_1369489	1369489	1369605	+	1	117	GTG	TAA	0	0	
mORF_+_1369621	1369621	1369635	+	1	15	ATG	TAA	0	0	
mORF_+_1369639	1369639	1369668	+	1	30	ATG	TAA	0	0	
mORF_+_1369720	1369720	1369743	+	1	24	TTG	TAA	0	0	
mORF_+_1369768	1369768	1369782	+	1	15	ATG	TGA	0	0	
mORF_+_1369775	1369775	1369795	+	2	21	TTG	TAA	0	0	
mORF_+_1369795	1369795	1369821	+	1	27	ATG	TAA	0	0	
mORF_+_1369837	1369837	1369851	+	1	15	ATG	TGA	0	0	
mORF_+_1369855	1369855	1369884	+	1	30	GTG	TAA	0	0	
mORF_+_1369907	1369907	1369915	+	2	9	GTG	TAA	0	0	
mORF_+_1369933	1369933	1371225	+	1	1293	ATG	TAA	1	0	pORF_+_1369933
mORF_+_1369974	1369974	1369997	+	3	24	ATG	TAA	0	0	
mORF_+_1370015	1370015	1370080	+	2	66	ATG	TGA	0	0	
mORF_+_1370081	1370081	1370197	+	2	117	TTG	TGA	0	0	
mORF_+_1370210	1370210	1370227	+	2	18	ATG	TGA	0	0	
mORF_+_1370261	1370261	1370467	+	2	207	TTG	TGA	0	0	
mORF_+_1370343	1370343	1370420	+	3	78	ATG	TGA	0	0	
mORF_+_1370468	1370468	1370524	+	2	57	ATG	TGA	0	0	
mORF_+_1370546	1370546	1370614	+	2	69	TTG	TGA	0	0	
mORF_+_1370885	1370885	1370929	+	2	45	TTG	TGA	0	0	
mORF_+_1370942	1370942	1370959	+	2	18	GTG	TGA	0	0	
mORF_+_1371017	1371017	1371037	+	2	21	GTG	TAA	0	0	
mORF_+_1371041	1371041	1371076	+	2	36	GTG	TAG	0	0	
mORF_+_1371101	1371101	1371109	+	2	9	GTG	TGA	0	0	
mORF_+_1371203	1371203	1371211	+	2	9	ATG	TGA	0	0	
mORF_+_1371246	1371246	1372127	+	3	882	ATG	TAA	0	0	
mORF_+_1371283	1371283	1371417	+	1	135	TTG	TGA	0	0	
mORF_+_1371335	1371335	1371661	+	2	327	GTG	TAA	1	2	pORF_+_1371335
mORF_+_1371424	1371424	1371471	+	1	48	ATG	TGA	0	0	
mORF_+_1371655	1371655	1371918	+	1	264	TTG	TGA	0	0	
mORF_+_1371707	1371707	1371718	+	2	12	GTG	TAA	0	0	
mORF_+_1371955	1371955	1371969	+	1	15	ATG	TGA	0	0	
mORF_+_1371991	1371991	1372032	+	1	42	GTG	TAG	0	0	
mORF_+_1372114	1372114	1372956	+	1	843	ATG	TAA	0	0	
mORF_+_1372199	1372199	1372204	+	2	6	TTG	TGA	0	0	
mORF_+_1372272	1372272	1372304	+	3	33	GTG	TAA	0	0	
mORF_+_1372322	1372322	1372438	+	2	117	TTG	TGA	0	0	
mORF_+_1372520	1372520	1372549	+	2	30	TTG	TGA	0	0	

mORF_+_1372622	1372622	1372645	+	2	24	ATG	TGA	0	0	
mORF_+_1372649	1372649	1372711	+	2	63	ATG	TGA	0	0	
mORF_+_1372743	1372743	1372922	+	3	180	GTG	TAA	0	0	
mORF_+_1372760	1372760	1372813	+	2	54	TTG	TGA	0	0	
mORF_+_1372898	1372898	1372933	+	2	36	ATG	TGA	0	0	
mORF_+_1372940	1372940	1372948	+	2	9	GTG	TGA	0	0	
mORF_+_1372987	1372987	1374039	+	1	1053	ATG	TAA	0	0	
mORF_+_1373015	1373015	1373056	+	2	42	GTG	TAG	0	0	
mORF_+_1373060	1373060	1373068	+	2	9	ATG	TGA	0	0	
mORF_+_1373141	1373141	1373347	+	2	207	TTG	TGA	0	0	
mORF_+_1373163	1373163	1373210	+	3	48	ATG	TGA	0	0	
mORF_+_1373259	1373259	1373339	+	3	81	GTG	TAA	0	0	
mORF_+_1373420	1373420	1373428	+	2	9	TTG	TGA	0	0	
mORF_+_1373441	1373441	1373458	+	2	18	ATG	TAG	0	0	
mORF_+_1373465	1373465	1373479	+	2	15	TTG	TAG	0	0	
mORF_+_1373483	1373483	1373542	+	2	60	TTG	TGA	0	0	
mORF_+_1373543	1373543	1373629	+	2	87	TTG	TAG	0	0	
mORF_+_1373663	1373663	1373674	+	2	12	GTG	TGA	0	0	
mORF_+_1373732	1373732	1373911	+	2	180	ATG	TGA	0	0	
mORF_+_1373838	1373838	1373888	+	3	51	GTG	TGA	0	0	
mORF_+_1373898	1373898	1373969	+	3	72	TTG	TAG	0	0	
mORF_+_1373960	1373960	1374052	+	2	93	TTG	TGA	0	0	
mORF_+_1374049	1374049	1374846	+	1	798	ATG	TAA	0	0	
mORF_+_1374140	1374140	1374223	+	2	84	ATG	TGA	0	0	
mORF_+_1374236	1374236	1374292	+	2	57	GTG	TAA	0	0	
mORF_+_1374249	1374249	1374284	+	3	36	ATG	TAA	0	0	
mORF_+_1374360	1374360	1374407	+	3	48	GTG	TAG	0	0	
mORF_+_1374434	1374434	1374502	+	2	69	GTG	TAA	0	0	
mORF_+_1374539	1374539	1374607	+	2	69	ATG	TGA	0	0	
mORF_+_1374641	1374641	1374769	+	2	129	ATG	TAG	0	0	
mORF_+_1374815	1374815	1374859	+	2	45	GTG	TGA	0	0	
mORF_+_1374856	1374856	1375911	+	1	1056	GTG	TGA	1	0	pORF_+_1374856
mORF_+_1374863	1374863	1374871	+	2	9	GTG	TGA	0	0	
mORF_+_1374929	1374929	1375069	+	2	141	ATG	TGA	0	0	
mORF_+_1375035	1375035	1375076	+	3	42	GTG	TGA	0	0	
mORF_+_1375076	1375076	1375126	+	2	51	ATG	TGA	0	0	
mORF_+_1375148	1375148	1375153	+	2	6	ATG	TGA	0	0	
mORF_+_1375155	1375155	1375283	+	3	129	GTG	TGA	0	0	
mORF_+_1375256	1375256	1375291	+	2	36	TTG	TGA	0	0	
mORF_+_1375364	1375364	1375405	+	2	42	GTG	TGA	0	0	
mORF_+_1375430	1375430	1375465	+	2	36	ATG	TGA	0	0	
mORF_+_1375475	1375475	1375651	+	2	177	ATG	TGA	0	0	
mORF_+_1375530	1375530	1375580	+	3	51	GTG	TGA	0	0	
mORF_+_1375602	1375602	1375670	+	3	69	GTG	TGA	0	0	
mORF_+_1375664	1375664	1375729	+	2	66	GTG	TAA	0	0	
mORF_+_1375898	1375898	1376020	+	2	123	GTG	TGA	0	0	
mORF_+_1375908	1375908	1378175	+	3	2268	ATG	TGA	0	0	
mORF_+_1375966	1375966	1375977	+	1	12	ATG	TGA	0	0	
mORF_+_1375999	1375999	1376106	+	1	108	TTG	TGA	0	0	
mORF_+_1376116	1376116	1376142	+	1	27	ATG	TAA	0	0	
mORF_+_1376143	1376143	1376349	+	1	207	ATG	TGA	0	0	
mORF_+_1376362	1376362	1376436	+	1	75	TTG	TGA	0	0	
mORF_+_1376461	1376461	1376502	+	1	42	ATG	TGA	0	0	
mORF_+_1376489	1376489	1376497	+	2	9	TTG	TAA	0	0	
mORF_+_1376506	1376506	1376589	+	1	84	GTG	TGA	0	0	
mORF_+_1376519	1376519	1376626	+	2	108	ATG	TGA	0	0	
mORF_+_1376623	1376623	1376643	+	1	21	ATG	TAG	0	0	
mORF_+_1376648	1376648	1376677	+	2	30	GTG	TGA	0	0	
mORF_+_1376674	1376674	1376766	+	1	93	TTG	TAA	0	0	
mORF_+_1376681	1376681	1376944	+	2	264	GTG	TAG	0	0	
mORF_+_1376767	1376767	1376799	+	1	33	ATG	TAG	0	0	
mORF_+_1376803	1376803	1376829	+	1	27	ATG	TGA	0	0	
mORF_+_1376857	1376857	1376874	+	1	18	TTG	TAA	0	0	

mORF_+_1376956	1376956	1377279	+	1	324	TTG	TGA	0	0
mORF_+_1377047	1377047	1377100	+	2	54	GTG	TAA	0	0
mORF_+_1377304	1377304	1377396	+	1	93	ATG	TGA	0	0
mORF_+_1377400	1377400	1377606	+	1	207	TTG	TGA	0	0
mORF_+_1377467	1377467	1377511	+	2	45	ATG	TGA	0	0
mORF_+_1377634	1377634	1377642	+	1	9	ATG	TGA	0	0
mORF_+_1377683	1377683	1377709	+	2	27	GTG	TGA	0	0
mORF_+_1377688	1377688	1377738	+	1	51	TTG	TAA	0	0
mORF_+_1377757	1377757	1377783	+	1	27	TTG	TGA	0	0
mORF_+_1377826	1377826	1377918	+	1	93	TTG	TGA	0	0
mORF_+_1377845	1377845	1377850	+	2	6	TTG	TGA	0	0
mORF_+_1377925	1377925	1378074	+	1	150	GTG	TGA	0	0
mORF_+_1377965	1377965	1378024	+	2	60	GTG	TGA	0	0
mORF_+_1378120	1378120	1378263	+	1	144	GTG	TGA	0	0
mORF_+_1378172	1378172	1378831	+	2	660	ATG	TAG	0	0
mORF_+_1378203	1378203	1378211	+	3	9	ATG	TAA	0	0
mORF_+_1378254	1378254	1378304	+	3	51	TTG	TAA	0	0
mORF_+_1378320	1378320	1378439	+	3	120	ATG	TGA	0	0
mORF_+_1378488	1378488	1378529	+	3	42	GTG	TGA	0	0
mORF_+_1378530	1378530	1378547	+	3	18	ATG	TAG	0	0
mORF_+_1378587	1378587	1378754	+	3	168	ATG	TAA	0	0
mORF_+_1378669	1378669	1378683	+	1	15	ATG	TGA	0	0
mORF_+_1378845	1378845	1379813	+	3	969	ATG	TAG	0	0
mORF_+_1378897	1378897	1378905	+	1	9	ATG	TGA	0	0
mORF_+_1378924	1378924	1378992	+	1	69	TTG	TGA	0	0
mORF_+_1378993	1378993	1379031	+	1	39	TTG	TGA	0	0
mORF_+_1379050	1379050	1379079	+	1	30	ATG	TAG	0	0
mORF_+_1379140	1379140	1379148	+	1	9	TTG	TGA	0	0
mORF_+_1379176	1379176	1379190	+	1	15	TTG	TGA	0	0
mORF_+_1379218	1379218	1379229	+	1	12	GTG	TGA	0	0
mORF_+_1379278	1379278	1379316	+	1	39	TTG	TAA	0	0
mORF_+_1379320	1379320	1379397	+	1	78	ATG	TGA	0	0
mORF_+_1379458	1379458	1379463	+	1	6	TTG	TGA	0	0
mORF_+_1379479	1379479	1379493	+	1	15	TTG	TAG	0	0
mORF_+_1379494	1379494	1379565	+	1	72	GTG	TGA	0	0
mORF_+_1379587	1379587	1379622	+	1	36	ATG	TAA	0	0
mORF_+_1379770	1379770	1379838	+	1	69	GTG	TGA	0	0
mORF_+_1379813	1379813	1379926	+	2	114	GTG	TAA	0	0
mORF_+_1379820	1379820	1379834	+	3	15	GTG	TAA	0	0
mORF_+_1379835	1379835	1379879	+	3	45	ATG	TGA	0	0
mORF_+_1379884	1379884	1379898	+	1	15	ATG	TGA	0	0
mORF_+_1379895	1379895	1379915	+	3	21	TTG	TAG	0	0
mORF_+_1379971	1379971	1380876	+	1	906	ATG	TGA	0	0
mORF_+_1380006	1380006	1380059	+	3	54	GTG	TAA	0	0
mORF_+_1380008	1380008	1380082	+	2	75	GTG	TAG	0	0
mORF_+_1380098	1380098	1380199	+	2	102	ATG	TAG	0	0
mORF_+_1380159	1380159	1380206	+	3	48	GTG	TAG	0	0
mORF_+_1380218	1380218	1380295	+	2	78	GTG	TGA	0	0
mORF_+_1380225	1380225	1380233	+	3	9	GTG	TGA	0	0
mORF_+_1380314	1380314	1380394	+	2	81	ATG	TGA	0	0
mORF_+_1380423	1380423	1380440	+	3	18	TTG	TAA	0	0
mORF_+_1380443	1380443	1380457	+	2	15	TTG	TGA	0	0
mORF_+_1380482	1380482	1380541	+	2	60	GTG	TGA	0	0
mORF_+_1380590	1380590	1380631	+	2	42	GTG	TGA	0	0
mORF_+_1380668	1380668	1380742	+	2	75	TTG	TAG	0	0
mORF_+_1380758	1380758	1380862	+	2	105	ATG	TAA	0	0
mORF_+_1380804	1380804	1380833	+	3	30	GTG	TGA	0	0
mORF_+_1380879	1380879	1380887	+	3	9	ATG	TAA	0	0
mORF_+_1380889	1380889	1380951	+	1	63	TTG	TAG	0	0
mORF_+_1380896	1380896	1380979	+	2	84	ATG	TAG	0	0
mORF_+_1380927	1380927	1380932	+	3	6	ATG	TAG	0	0
mORF_+_1381002	1381002	1381031	+	3	30	ATG	TGA	0	0
mORF_+_1381006	1381006	1381077	+	1	72	GTG	TGA	0	0

mORF_+_1381025	1381025	1381129	+	2	105	GTG	TAA	0	0	
mORF_+_1381071	1381071	1381082	+	3	12	TTG	TAA	0	0	
mORF_+_1381102	1381102	1381152	+	1	51	ATG	TAA	0	0	
mORF_+_1381130	1381130	1381180	+	2	51	ATG	TAG	0	0	
mORF_+_1381210	1381210	1381311	+	1	102	ATG	TAA	0	0	
mORF_+_1381259	1381259	1381381	+	2	123	GTG	TAA	0	0	
mORF_+_1381275	1381275	1381292	+	3	18	TTG	TAA	0	0	
mORF_+_1381302	1381302	1381454	+	3	153	ATG	TAA	0	0	
mORF_+_1381454	1381454	1381603	+	2	150	ATG	TGA	0	0	
mORF_+_1381471	1381471	1381506	+	1	36	ATG	TAA	0	0	
mORF_+_1381509	1381509	1381583	+	3	75	ATG	TGA	0	0	
mORF_+_1381531	1381531	1381848	+	1	318	TTG	TGA	0	0	
mORF_+_1381653	1381653	1381688	+	3	36	TTG	TAA	0	0	
mORF_+_1381731	1381731	1381856	+	3	126	ATG	TAA	0	0	
mORF_+_1381841	1381841	1381906	+	2	66	TTG	TAG	0	0	
mORF_+_1381864	1381864	1381971	+	1	108	ATG	TAA	0	0	
mORF_+_1381908	1381908	1381928	+	3	21	TTG	TGA	0	0	
mORF_+_1381925	1381925	1381975	+	2	51	GTG	TAG	0	0	
mORF_+_1382008	1382008	1382046	+	1	39	GTG	TGA	0	0	
mORF_+_1382012	1382012	1382062	+	2	51	ATG	TGA	0	0	
mORF_+_1382043	1382043	1382144	+	3	102	ATG	TGA	0	0	
mORF_+_1382059	1382059	1382154	+	1	96	TTG	TAA	0	0	
mORF_+_1382069	1382069	1382104	+	2	36	ATG	TGA	0	0	
mORF_+_1382141	1382141	1383538	+	2	1398	ATG	TGA	9	29	pORF_+_1382141
mORF_+_1382157	1382157	1382177	+	3	21	ATG	TGA	0	0	
mORF_+_1382184	1382184	1382213	+	3	30	GTG	TAA	0	0	
mORF_+_1382307	1382307	1382339	+	3	33	GTG	TGA	0	0	
mORF_+_1382355	1382355	1382591	+	3	237	GTG	TAA	0	0	
mORF_+_1382551	1382551	1382751	+	1	201	ATG	TAA	0	0	
mORF_+_1382622	1382622	1382660	+	3	39	ATG	TGA	0	0	
mORF_+_1382715	1382715	1382945	+	3	231	TTG	TGA	0	0	
mORF_+_1382836	1382836	1382886	+	1	51	GTG	TAA	0	0	
mORF_+_1382976	1382976	1383059	+	3	84	TTG	TGA	0	0	
mORF_+_1383001	1383001	1383039	+	1	39	TTG	TAA	0	0	
mORF_+_1383141	1383141	1383167	+	3	27	TTG	TGA	0	0	
mORF_+_1383219	1383219	1383461	+	3	243	ATG	TGA	0	0	
mORF_+_1383465	1383465	1383518	+	3	54	ATG	TAA	0	0	
mORF_+_1383535	1383535	1384596	+	1	1062	ATG	TAA	4	10	pORF_+_1383535
mORF_+_1383560	1383560	1383700	+	2	141	TTG	TAA	0	0	
mORF_+_1383732	1383732	1383938	+	3	207	GTG	TGA	0	0	
mORF_+_1383767	1383767	1383808	+	2	42	TTG	TGA	0	0	
mORF_+_1383809	1383809	1383865	+	2	57	ATG	TGA	0	0	
mORF_+_1383935	1383935	1384132	+	2	198	ATG	TAG	0	0	
mORF_+_1383996	1383996	1384028	+	3	33	TTG	TGA	0	0	
mORF_+_1384133	1384133	1384183	+	2	51	ATG	TGA	0	0	
mORF_+_1384187	1384187	1384249	+	2	63	TTG	TAA	0	0	
mORF_+_1384271	1384271	1384327	+	2	57	ATG	TGA	0	0	
mORF_+_1384337	1384337	1384447	+	2	111	TTG	TGA	0	0	
mORF_+_1384479	1384479	1384502	+	3	24	TTG	TGA	0	0	
mORF_+_1384499	1384499	1384555	+	2	57	TTG	TGA	0	0	
mORF_+_1384596	1384596	1384664	+	3	69	ATG	TGA	0	0	
mORF_+_1384655	1384655	1384735	+	2	81	GTG	TGA	0	0	
mORF_+_1384665	1384665	1384697	+	3	33	TTG	TAG	0	0	
mORF_+_1384717	1384717	1386285	+	1	1569	TTG	TAA	19	58	pORF_+_1384717
mORF_+_1384761	1384761	1384766	+	3	6	TTG	TGA	0	0	
mORF_+_1384763	1384763	1384783	+	2	21	GTG	TGA	0	0	
mORF_+_1384820	1384820	1384906	+	2	87	TTG	TGA	0	0	
mORF_+_1384925	1384925	1384990	+	2	66	TTG	TGA	0	0	
mORF_+_1384956	1384956	1384976	+	3	21	GTG	TGA	0	0	
mORF_+_1385081	1385081	1385128	+	2	48	TTG	TGA	0	0	
mORF_+_1385151	1385151	1385183	+	3	33	TTG	TAA	0	0	
mORF_+_1385189	1385189	1385218	+	2	30	ATG	TGA	0	0	
mORF_+_1385246	1385246	1385269	+	2	24	ATG	TGA	0	0	

mORF_+_1385273	1385273	1385284	+	2	12	GTG	TGA	0	0	
mORF_+_1385324	1385324	1385383	+	2	60	ATG	TGA	0	0	
mORF_+_1385387	1385387	1385422	+	2	36	ATG	TAA	0	0	
mORF_+_1385444	1385444	1385527	+	2	84	GTG	TGA	0	0	
mORF_+_1385531	1385531	1385644	+	2	114	GTG	TAG	0	0	
mORF_+_1385690	1385690	1385749	+	2	60	ATG	TGA	0	0	
mORF_+_1385751	1385751	1385804	+	3	54	TTG	TGA	0	0	
mORF_+_1385801	1385801	1385824	+	2	24	GTG	TGA	0	0	
mORF_+_1385855	1385855	1385884	+	2	30	GTG	TAA	0	0	
mORF_+_1385906	1385906	1385953	+	2	48	TTG	TGA	0	0	
mORF_+_1385972	1385972	1386001	+	2	30	ATG	TAA	0	0	
mORF_+_1385976	1385976	1386044	+	3	69	GTG	TGA	0	0	
mORF_+_1386041	1386041	1386094	+	2	54	ATG	TAG	0	0	
mORF_+_1386107	1386107	1386163	+	2	57	ATG	TAA	0	0	
mORF_+_1386233	1386233	1386262	+	2	30	TTG	TGA	0	0	
mORF_+_1386294	1386294	1386362	+	3	69	ATG	TAA	0	0	
mORF_+_1386301	1386301	1386327	+	1	27	ATG	TAA	0	0	
mORF_+_1386331	1386331	1386378	+	1	48	ATG	TGA	0	0	
mORF_+_1386372	1386372	1386485	+	3	114	GTG	TAA	0	0	
mORF_+_1386457	1386457	1386525	+	1	69	GTG	TGA	0	0	
mORF_+_1386488	1386488	1386646	+	2	159	TTG	TGA	0	0	
mORF_+_1386513	1386513	1386713	+	3	201	GTG	TGA	0	0	
mORF_+_1386619	1386619	1386633	+	1	15	TTG	TAA	0	0	
mORF_+_1386646	1386646	1386723	+	1	78	ATG	TGA	0	0	
mORF_+_1386720	1386720	1386821	+	3	102	GTG	TGA	0	0	
mORF_+_1386739	1386739	1386753	+	1	15	TTG	TAA	0	0	
mORF_+_1386818	1386818	1386832	+	2	15	ATG	TGA	0	0	
mORF_+_1386829	1386829	1386837	+	1	9	GTG	TGA	0	0	
mORF_+_1386834	1386834	1386860	+	3	27	ATG	TAG	0	0	
mORF_+_1386880	1386880	1386921	+	1	42	ATG	TAA	0	0	
mORF_+_1386912	1386912	1387919	+	3	1008	TTG	TAG	1	2	pORF_+_1386912
mORF_+_1387003	1387003	1387008	+	1	6	TTG	TGA	0	0	
mORF_+_1387009	1387009	1387128	+	1	120	TTG	TAA	0	0	
mORF_+_1387085	1387085	1387117	+	2	33	ATG	TGA	0	0	
mORF_+_1387219	1387219	1387284	+	1	66	ATG	TGA	0	0	
mORF_+_1387229	1387229	1387279	+	2	51	TTG	TGA	0	0	
mORF_+_1387327	1387327	1387398	+	1	72	TTG	TGA	0	0	
mORF_+_1387426	1387426	1387473	+	1	48	GTG	TGA	0	0	
mORF_+_1387477	1387477	1387542	+	1	66	TTG	TAG	0	0	
mORF_+_1387520	1387520	1387558	+	2	39	TTG	TGA	0	0	
mORF_+_1387546	1387546	1387656	+	1	111	TTG	TGA	0	0	
mORF_+_1387619	1387619	1387627	+	2	9	TTG	TGA	0	0	
mORF_+_1387634	1387634	1387648	+	2	15	TTG	TAG	0	0	
mORF_+_1387675	1387675	1387716	+	1	42	ATG	TGA	0	0	
mORF_+_1387747	1387747	1387767	+	1	21	GTG	TGA	0	0	
mORF_+_1387784	1387784	1387804	+	2	21	GTG	TAG	0	0	
mORF_+_1387795	1387795	1387872	+	1	78	GTG	TAG	0	0	
mORF_+_1387873	1387873	1388112	+	1	240	ATG	TAA	1	3	pORF_+_1387873
mORF_+_1387938	1387938	1388003	+	3	66	TTG	TGA	0	0	
mORF_+_1387982	1387982	1388059	+	2	78	ATG	TAA	0	0	
mORF_+_1388119	1388119	1388160	+	1	42	GTG	TGA	0	0	
mORF_+_1388145	1388145	1388192	+	3	48	GTG	TAA	0	0	
mORF_+_1388176	1388176	1388247	+	1	72	TTG	TAA	0	0	
mORF_+_1388180	1388180	1388287	+	2	108	ATG	TAA	0	0	
mORF_+_1388351	1388351	1388404	+	2	54	TTG	TGA	0	0	
mORF_+_1388401	1388401	1388538	+	1	138	ATG	TAA	0	0	
mORF_+_1388421	1388421	1388453	+	3	33	GTG	TGA	0	0	
mORF_+_1388450	1388450	1388479	+	2	30	GTG	TGA	0	0	
mORF_+_1388480	1388480	1388566	+	2	87	GTG	TAA	0	0	
mORF_+_1388553	1388553	1388624	+	3	72	ATG	TGA	0	0	
mORF_+_1388566	1388566	1388796	+	1	231	ATG	TAA	0	0	
mORF_+_1388621	1388621	1388761	+	2	141	ATG	TAG	0	0	
mORF_+_1388655	1388655	1388753	+	3	99	GTG	TAG	0	0	

mORF_+_1388754	1388754	1388807	+	3	54	TTG	TAA	0	0	
mORF_+_1388765	1388765	1388785	+	2	21	TTG	TGA	0	0	
mORF_+_1388800	1388800	1388946	+	1	147	TTG	TGA	0	0	
mORF_+_1388807	1388807	1388830	+	2	24	ATG	TGA	0	0	
mORF_+_1388885	1388885	1388986	+	2	102	ATG	TAA	0	0	
mORF_+_1388916	1388916	1389011	+	3	96	ATG	TAG	0	0	
mORF_+_1388995	1388995	1389192	+	1	198	TTG	TAA	0	0	
mORF_+_1389015	1389015	1389026	+	3	12	TTG	TAA	0	0	
mORF_+_1389035	1389035	1389079	+	2	45	ATG	TGA	0	0	
mORF_+_1389054	1389054	1389059	+	3	6	ATG	TGA	0	0	
mORF_+_1389111	1389111	1389152	+	3	42	TTG	TGA	0	0	
mORF_+_1389173	1389173	1389373	+	2	201	ATG	TGA	0	0	
mORF_+_1389229	1389229	1389330	+	1	102	GTG	TAA	0	0	
mORF_+_1389255	1389255	1389263	+	3	9	GTG	TAA	0	0	
mORF_+_1389330	1389330	1389494	+	3	165	ATG	TGA	0	0	
mORF_+_1389370	1389370	1389405	+	1	36	TTG	TAG	0	0	
mORF_+_1389496	1389496	1389600	+	1	105	TTG	TGA	0	0	
mORF_+_1389504	1389504	1389566	+	3	63	TTG	TAA	0	0	
mORF_+_1389600	1389600	1389635	+	3	36	ATG	TGA	0	0	
mORF_+_1389619	1389619	1389684	+	1	66	ATG	TAG	0	0	
mORF_+_1389659	1389659	1389763	+	2	105	TTG	TAA	0	0	
mORF_+_1389684	1389684	1389719	+	3	36	GTG	TAG	0	0	
mORF_+_1389769	1389769	1389852	+	1	84	TTG	TAG	0	0	
mORF_+_1389831	1389831	1389920	+	3	90	ATG	TGA	0	0	
mORF_+_1389914	1389914	1389931	+	2	18	TTG	TAG	0	0	
mORF_+_1389935	1389935	1389985	+	2	51	TTG	TAA	0	0	
mORF_+_1389986	1389986	1390018	+	2	33	ATG	TGA	0	0	
mORF_+_1390002	1390002	1390025	+	3	24	ATG	TGA	0	0	
mORF_+_1390015	1390015	1390914	+	1	900	ATG	TAG	0	0	
mORF_+_1390022	1390022	1390042	+	2	21	GTG	TGA	0	0	
mORF_+_1390049	1390049	1390099	+	2	51	TTG	TGA	0	0	
mORF_+_1390187	1390187	1390249	+	2	63	TTG	TAG	0	0	
mORF_+_1390322	1390322	1390366	+	2	45	ATG	TGA	0	0	
mORF_+_1390382	1390382	1390414	+	2	33	TTG	TGA	0	0	
mORF_+_1390418	1390418	1390480	+	2	63	ATG	TGA	0	0	
mORF_+_1390517	1390517	1390576	+	2	60	TTG	TAA	0	0	
mORF_+_1390646	1390646	1390690	+	2	45	GTG	TGA	0	0	
mORF_+_1390709	1390709	1390789	+	2	81	TTG	TGA	0	0	
mORF_+_1390793	1390793	1390885	+	2	93	GTG	TAG	0	0	
mORF_+_1390904	1390904	1390927	+	2	24	GTG	TGA	0	0	
mORF_+_1390921	1390921	1390935	+	1	15	TTG	TAA	0	0	
mORF_+_1390978	1390978	1391019	+	1	42	TTG	TGA	0	0	
mORF_+_1391003	1391003	1391128	+	2	126	ATG	TGA	0	0	
mORF_+_1391013	1391013	1391117	+	3	105	ATG	TAA	0	0	
mORF_+_1391080	1391080	1391136	+	1	57	GTG	TGA	0	0	
mORF_+_1391133	1391133	1391213	+	3	81	TTG	TAA	0	0	
mORF_+_1391149	1391149	1391175	+	1	27	TTG	TGA	0	0	
mORF_+_1391182	1391182	1391199	+	1	18	TTG	TAA	0	0	
mORF_+_1391186	1391186	1391230	+	2	45	TTG	TAA	0	0	
mORF_+_1391230	1391230	1392864	+	1	1635	ATG	TGA	38	83	pORF_+_1391230
mORF_+_1391274	1391274	1391375	+	3	102	GTG	TAA	0	0	
mORF_+_1391279	1391279	1391461	+	2	183	GTG	TGA	0	0	
mORF_+_1391483	1391483	1391581	+	2	99	TTG	TAA	0	0	
mORF_+_1391505	1391505	1391516	+	3	12	GTG	TAA	0	0	
mORF_+_1391559	1391559	1391693	+	3	135	ATG	TGA	0	0	
mORF_+_1391594	1391594	1391749	+	2	156	TTG	TGA	0	0	
mORF_+_1391759	1391759	1391785	+	2	27	TTG	TGA	0	0	
mORF_+_1391775	1391775	1391798	+	3	24	GTG	TAA	0	0	
mORF_+_1391801	1391801	1391833	+	2	33	TTG	TAG	0	0	
mORF_+_1391847	1391847	1391894	+	3	48	GTG	TAA	0	0	
mORF_+_1391876	1391876	1391905	+	2	30	ATG	TAG	0	0	
mORF_+_1391909	1391909	1391977	+	2	69	ATG	TGA	0	0	
mORF_+_1391943	1391943	1391951	+	3	9	TTG	TAA	0	0	

mORF_+_1392035	1392035	1392082	+	2	48	TTG	TGA	0	0	
mORF_+_1392134	1392134	1392190	+	2	57	ATG	TAA	0	0	
mORF_+_1392252	1392252	1392308	+	3	57	GTG	TGA	0	0	
mORF_+_1392269	1392269	1392316	+	2	48	ATG	TGA	0	0	
mORF_+_1392332	1392332	1392355	+	2	24	ATG	TGA	0	0	
mORF_+_1392368	1392368	1392388	+	2	21	ATG	TGA	0	0	
mORF_+_1392431	1392431	1392445	+	2	15	TTG	TAG	0	0	
mORF_+_1392453	1392453	1392482	+	3	30	GTG	TAA	0	0	
mORF_+_1392467	1392467	1392475	+	2	9	TTG	TAG	0	0	
mORF_+_1392476	1392476	1392592	+	2	117	ATG	TGA	0	0	
mORF_+_1392498	1392498	1392518	+	3	21	ATG	TAG	0	0	
mORF_+_1392555	1392555	1392572	+	3	18	GTG	TAA	0	0	
mORF_+_1392647	1392647	1392781	+	2	135	ATG	TAA	0	0	
mORF_+_1392789	1392789	1392812	+	3	24	GTG	TAA	0	0	
mORF_+_1392824	1392824	1392856	+	2	33	ATG	TGA	0	0	
mORF_+_1392861	1392861	1392869	+	3	9	TTG	TGA	0	0	
mORF_+_1392866	1392866	1392913	+	2	48	GTG	TGA	0	0	
mORF_+_1392888	1392888	1392992	+	3	105	TTG	TGA	0	0	
mORF_+_1392935	1392935	1392940	+	2	6	GTG	TAA	0	0	
mORF_+_1392940	1392940	1393020	+	1	81	ATG	TAA	0	0	
mORF_+_1392989	1392989	1393009	+	2	21	GTG	TAA	0	0	
mORF_+_1393026	1393026	1393094	+	3	69	TTG	TGA	0	0	
mORF_+_1393031	1393031	1393069	+	2	39	GTG	TAA	0	0	
mORF_+_1393057	1393057	1393077	+	1	21	GTG	TAA	0	0	
mORF_+_1393091	1393091	1393114	+	2	24	ATG	TGA	0	0	
mORF_+_1393111	1393111	1393119	+	1	9	TTG	TAA	0	0	
mORF_+_1393131	1393131	1393220	+	3	90	TTG	TAA	0	0	
mORF_+_1393144	1393144	1393155	+	1	12	ATG	TGA	0	0	
mORF_+_1393199	1393199	1393237	+	2	39	TTG	TAA	0	0	
mORF_+_1393225	1393225	1393428	+	1	204	ATG	TAG	0	0	
mORF_+_1393307	1393307	1393330	+	2	24	ATG	TAA	0	0	
mORF_+_1393385	1393385	1393411	+	2	27	GTG	TGA	0	0	
mORF_+_1393528	1393528	1393548	+	1	21	ATG	TAA	0	0	
mORF_+_1393536	1393536	1393667	+	3	132	ATG	TAG	0	0	
mORF_+_1393570	1393570	1393650	+	1	81	ATG	TGA	0	0	
mORF_+_1393726	1393726	1393746	+	1	21	GTG	TAG	0	0	
mORF_+_1393768	1393768	1393800	+	1	33	ATG	TAG	0	0	
mORF_+_1393809	1393809	1393826	+	3	18	TTG	TAA	0	0	
mORF_+_1393880	1393880	1393903	+	2	24	ATG	TAA	0	0	
mORF_+_1393903	1393903	1393971	+	1	69	ATG	TAA	0	0	
mORF_+_1393925	1393925	1393930	+	2	6	TTG	TAA	0	0	
mORF_+_1393946	1393946	1394038	+	2	93	TTG	TAG	0	0	
mORF_+_1393972	1393972	1394067	+	1	96	TTG	TAA	0	0	
mORF_+_1393980	1393980	1394054	+	3	75	ATG	TAG	0	0	
mORF_+_1394073	1394073	1394090	+	3	18	GTG	TGA	0	0	
mORF_+_1394092	1394092	1394139	+	1	48	ATG	TGA	0	0	
mORF_+_1394100	1394100	1395116	+	3	1017	ATG	TAA	46	158	pORF_+_1394100
mORF_+_1394164	1394164	1394352	+	1	189	GTG	TGA	0	0	
mORF_+_1394234	1394234	1394284	+	2	51	ATG	TAA	0	0	
mORF_+_1394339	1394339	1394425	+	2	87	TTG	TAG	0	0	
mORF_+_1394356	1394356	1394454	+	1	99	ATG	TGA	0	0	
mORF_+_1394563	1394563	1394667	+	1	105	ATG	TGA	0	0	
mORF_+_1394651	1394651	1394740	+	2	90	GTG	TGA	0	0	
mORF_+_1394677	1394677	1394703	+	1	27	TTG	TGA	0	0	
mORF_+_1394737	1394737	1394856	+	1	120	ATG	TGA	0	0	
mORF_+_1395098	1395098	1395157	+	2	60	GTG	TAA	0	0	
mORF_+_1395138	1395138	1395161	+	3	24	ATG	TAG	0	0	
mORF_+_1395203	1395203	1395214	+	2	12	ATG	TGA	0	0	
mORF_+_1395211	1395211	1395219	+	1	9	ATG	TGA	0	0	
mORF_+_1395216	1395216	1395266	+	3	51	ATG	TAA	0	0	
mORF_+_1395274	1395274	1395282	+	1	9	ATG	TGA	0	0	
mORF_+_1395279	1395279	1395305	+	3	27	TTG	TGA	0	0	
mORF_+_1395283	1395283	1395288	+	1	6	TTG	TAA	0	0	

mORF_+_1395302	1395302	1395358	+	2	57	GTG	TAA	0	0
mORF_+_1395331	1395331	1395354	+	1	24	ATG	TAG	0	0
mORF_+_1395336	1395336	1395392	+	3	57	ATG	TGA	0	0
mORF_+_1395367	1395367	1395528	+	1	162	TTG	TGA	0	0
mORF_+_1395389	1395389	1395646	+	2	258	ATG	TAA	0	0
mORF_+_1395435	1395435	1395476	+	3	42	TTG	TGA	0	0
mORF_+_1395529	1395529	1395579	+	1	51	GTG	TAG	0	0
mORF_+_1395546	1395546	1395551	+	3	6	ATG	TGA	0	0
mORF_+_1395570	1395570	1395650	+	3	81	TTG	TAA	0	0
mORF_+_1395675	1395675	1395818	+	3	144	TTG	TGA	0	0
mORF_+_1395685	1395685	1395699	+	1	15	TTG	TAA	0	0
mORF_+_1395728	1395728	1395751	+	2	24	GTG	TAA	0	0
mORF_+_1395751	1395751	1395777	+	1	27	ATG	TGA	0	0
mORF_+_1395796	1395796	1395999	+	1	204	GTG	TAA	0	0
mORF_+_1395809	1395809	1395934	+	2	126	ATG	TAA	0	0
mORF_+_1395867	1395867	1396244	+	3	378	GTG	TAA	0	0
mORF_+_1395962	1395962	1396039	+	2	78	TTG	TAA	0	0
mORF_+_1396040	1396040	1396087	+	2	48	TTG	TGA	0	0
mORF_+_1396084	1396084	1396143	+	1	60	TTG	TGA	0	0
mORF_+_1396183	1396183	1396344	+	1	162	TTG	TGA	0	0
mORF_+_1396229	1396229	1396267	+	2	39	TTG	TAA	0	0
mORF_+_1396248	1396248	1396310	+	3	63	ATG	TAG	0	0
mORF_+_1396320	1396320	1396514	+	3	195	GTG	TGA	0	0
mORF_+_1396345	1396345	1396413	+	1	69	ATG	TAA	0	0
mORF_+_1396418	1396418	1396453	+	2	36	TTG	TGA	0	0
mORF_+_1396453	1396453	1396464	+	1	12	ATG	TGA	0	0
mORF_+_1396498	1396498	1396524	+	1	27	GTG	TAG	0	0
mORF_+_1396511	1396511	1396543	+	2	33	ATG	TAA	0	0
mORF_+_1396546	1396546	1396563	+	1	18	TTG	TGA	0	0
mORF_+_1396560	1396560	1396568	+	3	9	TTG	TAA	0	0
mORF_+_1396586	1396586	1396609	+	2	24	ATG	TAG	0	0
mORF_+_1396593	1396593	1396685	+	3	93	TTG	TAA	0	0
mORF_+_1396627	1396627	1396635	+	1	9	ATG	TGA	0	0
mORF_+_1396708	1396708	1396746	+	1	39	GTG	TAA	0	0
mORF_+_1396712	1396712	1396723	+	2	12	ATG	TGA	0	0
mORF_+_1396761	1396761	1396769	+	3	9	ATG	TGA	0	0
mORF_+_1396766	1396766	1396780	+	2	15	ATG	TAG	0	0
mORF_+_1396780	1396780	1397271	+	1	492	GTG	TAA	0	0
mORF_+_1396787	1396787	1396819	+	2	33	ATG	TGA	0	0
mORF_+_1396853	1396853	1396945	+	2	93	ATG	TAG	0	0
mORF_+_1397024	1397024	1397029	+	2	6	TTG	TAG	0	0
mORF_+_1397030	1397030	1397089	+	2	60	ATG	TGA	0	0
mORF_+_1397034	1397034	1397099	+	3	66	ATG	TGA	0	0
mORF_+_1397096	1397096	1397131	+	2	36	TTG	TGA	0	0
mORF_+_1397240	1397240	1397317	+	2	78	ATG	TAA	0	0
mORF_+_1397272	1397272	1397589	+	1	318	ATG	TAA	0	0
mORF_+_1397339	1397339	1397347	+	2	9	ATG	TAA	0	0
mORF_+_1397414	1397414	1397431	+	2	18	ATG	TGA	0	0
mORF_+_1397447	1397447	1397518	+	2	72	TTG	TGA	0	0
mORF_+_1397451	1397451	1397456	+	3	6	GTG	TGA	0	0
mORF_+_1397519	1397519	1397569	+	2	51	ATG	TAA	0	0
mORF_+_1397570	1397570	1397611	+	2	42	TTG	TAA	0	0
mORF_+_1397577	1397577	1397600	+	3	24	TTG	TAG	0	0
mORF_+_1397651	1397651	1397656	+	2	6	ATG	TAA	0	0
mORF_+_1397661	1397661	1397741	+	3	81	ATG	TAA	0	0
mORF_+_1397713	1397713	1397718	+	1	6	GTG	TGA	0	0
mORF_+_1397734	1397734	1397760	+	1	27	TTG	TAA	0	0
mORF_+_1397741	1397741	1397836	+	2	96	ATG	TAA	0	0
mORF_+_1397766	1397766	1397777	+	3	12	ATG	TAA	0	0
mORF_+_1397815	1397815	1397940	+	1	126	ATG	TAA	0	0
mORF_+_1397841	1397841	1397972	+	3	132	ATG	TAG	0	0
mORF_+_1397879	1397879	1397965	+	2	87	TTG	TAG	0	0
mORF_+_1397965	1397965	1397994	+	1	30	GTG	TGA	0	0

mORF_+_1397972	1397972	1398013	+	2	42	GTG	TAG	0	0
mORF_+_1398016	1398016	1398111	+	1	96	GTG	TAG	0	0
mORF_+_1398118	1398118	1398126	+	1	9	TTG	TAA	0	0
mORF_+_1398126	1398126	1398251	+	3	126	ATG	TAA	0	0
mORF_+_1398130	1398130	1398381	+	1	252	ATG	TAA	0	0
mORF_+_1398215	1398215	1398274	+	2	60	GTG	TAA	0	0
mORF_+_1398282	1398282	1398362	+	3	81	GTG	TAA	0	0
mORF_+_1398363	1398363	1398539	+	3	177	GTG	TAA	0	0
mORF_+_1398413	1398413	1398418	+	2	6	TTG	TAG	0	0
mORF_+_1398421	1398421	1398468	+	1	48	TTG	TAA	0	0
mORF_+_1398505	1398505	1398534	+	1	30	TTG	TAG	0	0
mORF_+_1398543	1398543	1398596	+	3	54	TTG	TAA	0	0
mORF_+_1398554	1398554	1398814	+	2	261	ATG	TGA	0	0
mORF_+_1398733	1398733	1398795	+	1	63	TTG	TAA	0	0
mORF_+_1398796	1398796	1398804	+	1	9	ATG	TAA	0	0
mORF_+_1398822	1398822	1398833	+	3	12	TTG	TAG	0	0
mORF_+_1398824	1398824	1398844	+	2	21	GTG	TAA	0	0
mORF_+_1398872	1398872	1398922	+	2	51	ATG	TGA	0	0
mORF_+_1398879	1398879	1398896	+	3	18	GTG	TAA	0	0
mORF_+_1398903	1398903	1398926	+	3	24	GTG	TAA	0	0
mORF_+_1398919	1398919	1398990	+	1	72	GTG	TAG	0	0
mORF_+_1399007	1399007	1399027	+	2	21	ATG	TGA	0	0
mORF_+_1399038	1399038	1399094	+	3	57	ATG	TGA	0	0
mORF_+_1399072	1399072	1399080	+	1	9	TTG	TAA	0	0
mORF_+_1399091	1399091	1399417	+	2	327	ATG	TAA	0	0
mORF_+_1399177	1399177	1399254	+	1	78	GTG	TAA	0	0
mORF_+_1399239	1399239	1399244	+	3	6	TTG	TGA	0	0
mORF_+_1399312	1399312	1399365	+	1	54	ATG	TAA	0	0
mORF_+_1399350	1399350	1399358	+	3	9	GTG	TGA	0	0
mORF_+_1399384	1399384	1399461	+	1	78	GTG	TAG	0	0
mORF_+_1399443	1399443	1399454	+	3	12	ATG	TAA	0	0
mORF_+_1399461	1399461	1399544	+	3	84	GTG	TAA	0	0
mORF_+_1399559	1399559	1399696	+	2	138	TTG	TAG	0	0
mORF_+_1399573	1399573	1399578	+	1	6	GTG	TAA	0	0
mORF_+_1399662	1399662	1399679	+	3	18	TTG	TGA	0	0
mORF_+_1399714	1399714	1399788	+	1	75	ATG	TGA	0	0
mORF_+_1399724	1399724	1399753	+	2	30	TTG	TAG	0	0
mORF_+_1399781	1399781	1399879	+	2	99	ATG	TGA	0	0
mORF_+_1399785	1399785	1399871	+	3	87	ATG	TAG	0	0
mORF_+_1399816	1399816	1399842	+	1	27	GTG	TAA	0	0
mORF_+_1399876	1399876	1399932	+	1	57	GTG	TAG	0	0
mORF_+_1399889	1399889	1399906	+	2	18	GTG	TGA	0	0
mORF_+_1399952	1399952	1400002	+	2	51	TTG	TGA	0	0
mORF_+_1399962	1399962	1399973	+	3	12	TTG	TAG	0	0
mORF_+_1399999	1399999	1400046	+	1	48	ATG	TAG	0	0
mORF_+_1400010	1400010	1400027	+	3	18	ATG	TAA	0	0
mORF_+_1400049	1400049	1400075	+	3	27	GTG	TGA	0	0
mORF_+_1400124	1400124	1400270	+	3	147	ATG	TGA	0	0
mORF_+_1400144	1400144	1400191	+	2	48	GTG	TGA	0	0
mORF_+_1400188	1400188	1400196	+	1	9	ATG	TAG	0	0
mORF_+_1400207	1400207	1400281	+	2	75	TTG	TGA	0	0
mORF_+_1400251	1400251	1400340	+	1	90	TTG	TAG	0	0
mORF_+_1400351	1400351	1400383	+	2	33	ATG	TAA	0	0
mORF_+_1400396	1400396	1400470	+	2	75	TTG	TAA	0	0
mORF_+_1400433	1400433	1400507	+	3	75	ATG	TAA	0	0
mORF_+_1400473	1400473	1400712	+	1	240	ATG	TGA	0	0
mORF_+_1400540	1400540	1400575	+	2	36	TTG	TAG	0	0
mORF_+_1400562	1400562	1400567	+	3	6	TTG	TGA	0	0
mORF_+_1400606	1400606	1400668	+	2	63	TTG	TGA	0	0
mORF_+_1400685	1400685	1400702	+	3	18	GTG	TAA	0	0
mORF_+_1400709	1400709	1400744	+	3	36	ATG	TGA	0	0
mORF_+_1400720	1400720	1400860	+	2	141	ATG	TAA	0	0
mORF_+_1400767	1400767	1401018	+	1	252	GTG	TAA	0	0

mORF_+_1400778	1400778	1400819	+	3	42	GTG	TGA	0	0	
mORF_+_1400870	1400870	1400962	+	2	93	GTG	TGA	0	0	
mORF_+_1400913	1400913	1400990	+	3	78	TTG	TAG	0	0	
mORF_+_1401062	1401062	1401070	+	2	9	TTG	TGA	0	0	
mORF_+_1401067	1401067	1401165	+	1	99	TTG	TGA	0	0	
mORF_+_1401093	1401093	1401119	+	3	27	TTG	TAA	0	0	
mORF_+_1401101	1401101	1401196	+	2	96	TTG	TGA	0	0	
mORF_+_1401183	1401183	1401260	+	3	78	GTG	TAA	0	0	
mORF_+_1401193	1401193	1401378	+	1	186	ATG	TGA	0	0	
mORF_+_1401375	1401375	1401455	+	3	81	GTG	TAA	0	0	
mORF_+_1401395	1401395	1401508	+	2	114	GTG	TGA	0	0	
mORF_+_1401397	1401397	1401414	+	1	18	GTG	TAG	0	0	
mORF_+_1401457	1401457	1401504	+	1	48	GTG	TGA	0	0	
mORF_+_1401505	1401505	1401522	+	1	18	TTG	TGA	0	0	
mORF_+_1401534	1401534	1402079	+	3	546	TTG	TAG	0	0	
mORF_+_1401542	1401542	1401577	+	2	36	ATG	TAG	0	0	
mORF_+_1401616	1401616	1401633	+	1	18	ATG	TGA	0	0	
mORF_+_1401620	1401620	1401670	+	2	51	TTG	TAA	0	0	
mORF_+_1401670	1401670	1401843	+	1	174	ATG	TGA	0	0	
mORF_+_1401689	1401689	1401751	+	2	63	GTG	TAA	0	0	
mORF_+_1401794	1401794	1401886	+	2	93	TTG	TGA	0	0	
mORF_+_1401883	1401883	1401984	+	1	102	GTG	TAA	0	0	
mORF_+_1401908	1401908	1401916	+	2	9	TTG	TAA	0	0	
mORF_+_1402063	1402063	1402143	+	1	81	TTG	TGA	0	0	
mORF_+_1402104	1402104	1402175	+	3	72	ATG	TGA	0	0	
mORF_+_1402172	1402172	1402207	+	2	36	ATG	TGA	0	0	
mORF_+_1402200	1402200	1402340	+	3	141	ATG	TAG	0	0	
mORF_+_1402288	1402288	1402353	+	1	66	GTG	TGA	0	0	
mORF_+_1402334	1402334	1402384	+	2	51	GTG	TGA	0	0	
mORF_+_1402350	1402350	1402379	+	3	30	TTG	TAG	0	0	
mORF_+_1402381	1402381	1402449	+	1	69	GTG	TAG	0	0	
mORF_+_1402442	1402442	1402567	+	2	126	GTG	TAA	0	0	
mORF_+_1402458	1402458	1402547	+	3	90	GTG	TAA	0	0	
mORF_+_1402480	1402480	1402518	+	1	39	GTG	TAG	0	0	
mORF_+_1402572	1402572	1402610	+	3	39	TTG	TAA	0	0	
mORF_+_1402614	1402614	1402619	+	3	6	GTG	TGA	0	0	
mORF_+_1402616	1402616	1402633	+	2	18	GTG	TAG	0	0	
mORF_+_1402720	1402720	1402740	+	1	21	ATG	TGA	0	0	
mORF_+_1402757	1402757	1402780	+	2	24	GTG	TAA	0	0	
mORF_+_1402765	1402765	1403673	+	1	909	ATG	TAA	0	0	
mORF_+_1402802	1402802	1402852	+	2	51	TTG	TGA	0	0	
mORF_+_1402952	1402952	1402987	+	2	36	ATG	TAA	0	0	
mORF_+_1402991	1402991	1403092	+	2	102	TTG	TGA	0	0	
mORF_+_1403177	1403177	1403389	+	2	213	ATG	TGA	0	0	
mORF_+_1403286	1403286	1403393	+	3	108	TTG	TGA	0	0	
mORF_+_1403390	1403390	1403434	+	2	45	GTG	TAG	0	0	
mORF_+_1403597	1403597	1403620	+	2	24	GTG	TGA	0	0	
mORF_+_1403652	1403652	1403777	+	3	126	ATG	TGA	0	0	
mORF_+_1403732	1403732	1403788	+	2	57	GTG	TAA	0	0	
mORF_+_1403805	1403805	1403873	+	3	69	TTG	TAA	0	0	
mORF_+_1403821	1403821	1403844	+	1	24	GTG	TAA	0	0	
mORF_+_1403866	1403866	1403883	+	1	18	ATG	TAA	0	0	
mORF_+_1403876	1403876	1403896	+	2	21	ATG	TAA	0	0	
mORF_+_1403889	1403889	1403939	+	3	51	TTG	TAA	0	0	
mORF_+_1403911	1403911	1403985	+	1	75	TTG	TAA	0	0	
mORF_+_1403986	1403986	1404006	+	1	21	TTG	TGA	0	0	
mORF_+_1403996	1403996	1404001	+	2	6	ATG	TAA	0	0	
mORF_+_1404003	1404003	1404566	+	3	564	ATG	TGA	5	20	pORF_+_1404003
mORF_+_1404010	1404010	1404060	+	1	51	TTG	TGA	0	0	
mORF_+_1404064	1404064	1404177	+	1	114	GTG	TAA	0	0	
mORF_+_1404214	1404214	1404267	+	1	54	ATG	TGA	0	0	
mORF_+_1404293	1404293	1404349	+	2	57	GTG	TAA	0	0	
mORF_+_1404337	1404337	1404357	+	1	21	ATG	TGA	0	0	

mORF_+_1404364	1404364	1404429	+	1	66	ATG	TGA	0	0	
mORF_+_1404436	1404436	1404654	+	1	219	TTG	TAA	0	0	
mORF_+_1404455	1404455	1404511	+	2	57	TTG	TAA	0	0	
mORF_+_1404563	1404563	1404721	+	2	159	TTG	TAA	0	0	
mORF_+_1404606	1404606	1404686	+	3	81	TTG	TGA	0	0	
mORF_+_1404699	1404699	1404917	+	3	219	ATG	TAG	0	0	
mORF_+_1404715	1404715	1404759	+	1	45	GTG	TAG	0	0	
mORF_+_1404787	1404787	1404906	+	1	120	GTG	TAG	0	0	
mORF_+_1404908	1404908	1405039	+	2	132	ATG	TAA	0	0	
mORF_+_1404927	1404927	1404968	+	3	42	ATG	TAA	0	0	
mORF_+_1404978	1404978	1405016	+	3	39	ATG	TGA	0	0	
mORF_+_1405055	1405055	1405123	+	2	69	ATG	TAA	0	0	
mORF_+_1405125	1405125	1405142	+	3	18	ATG	TAA	0	0	
mORF_+_1405172	1405172	1405234	+	2	63	ATG	TAA	0	0	
mORF_+_1405235	1405235	1405378	+	2	144	ATG	TGA	0	0	
mORF_+_1405251	1405251	1405325	+	3	75	ATG	TAA	0	0	
mORF_+_1405335	1405335	1405430	+	3	96	TTG	TAA	0	0	
mORF_+_1405375	1405375	1405410	+	1	36	GTG	TAG	0	0	
mORF_+_1405436	1405436	1405477	+	2	42	TTG	TAA	0	0	
mORF_+_1405443	1405443	1405451	+	3	9	TTG	TGA	0	0	
mORF_+_1405456	1405456	1405515	+	1	60	TTG	TAA	0	0	
mORF_+_1405564	1405564	1405596	+	1	33	ATG	TGA	0	0	
mORF_+_1405593	1405593	1405673	+	3	81	GTG	TAG	0	0	
mORF_+_1405613	1405613	1405660	+	2	48	GTG	TGA	0	0	
mORF_+_1405657	1405657	1405695	+	1	39	GTG	TAA	0	0	
mORF_+_1405698	1405698	1405739	+	3	42	GTG	TAA	0	0	
mORF_+_1405706	1405706	1405744	+	2	39	TTG	TAA	0	0	
mORF_+_1405782	1405782	1405883	+	3	102	GTG	TGA	0	0	
mORF_+_1405808	1405808	1405822	+	2	15	GTG	TGA	0	0	
mORF_+_1405819	1405819	1405917	+	1	99	TTG	TAA	0	0	
mORF_+_1405880	1405880	1405891	+	2	12	ATG	TAA	0	0	
mORF_+_1405931	1405931	1406008	+	2	78	TTG	TGA	0	0	
mORF_+_1405950	1405950	1406000	+	3	51	TTG	TAA	0	0	
mORF_+_1405957	1405957	1405971	+	1	15	TTG	TAG	0	0	
mORF_+_1406005	1406005	1406040	+	1	36	GTG	TAG	0	0	
mORF_+_1406013	1406013	1406060	+	3	48	ATG	TGA	0	0	
mORF_+_1406057	1406057	1406176	+	2	120	TTG	TGA	0	0	
mORF_+_1406074	1406074	1407057	+	1	984	GTG	TAA	2	4	pORF_+_1406074
mORF_+_1406177	1406177	1406335	+	2	159	TTG	TGA	0	0	
mORF_+_1406196	1406196	1406210	+	3	15	TTG	TAA	0	0	
mORF_+_1406235	1406235	1406267	+	3	33	ATG	TAA	0	0	
mORF_+_1406366	1406366	1406419	+	2	54	ATG	TAA	0	0	
mORF_+_1406420	1406420	1406467	+	2	48	TTG	TGA	0	0	
mORF_+_1406499	1406499	1406552	+	3	54	TTG	TGA	0	0	
mORF_+_1406519	1406519	1406536	+	2	18	ATG	TGA	0	0	
mORF_+_1406549	1406549	1406656	+	2	108	GTG	TAA	0	0	
mORF_+_1406657	1406657	1406662	+	2	6	TTG	TGA	0	0	
mORF_+_1406687	1406687	1406731	+	2	45	GTG	TGA	0	0	
mORF_+_1406724	1406724	1406738	+	3	15	GTG	TGA	0	0	
mORF_+_1406735	1406735	1406809	+	2	75	ATG	TAG	0	0	
mORF_+_1406831	1406831	1406848	+	2	18	ATG	TGA	0	0	
mORF_+_1406933	1406933	1407004	+	2	72	TTG	TAG	0	0	
mORF_+_1406967	1406967	1407044	+	3	78	GTG	TAG	0	0	
mORF_+_1407005	1407005	1407160	+	2	156	TTG	TGA	0	0	
mORF_+_1407048	1407048	1407107	+	3	60	ATG	TGA	0	0	
mORF_+_1407151	1407151	1407369	+	1	219	TTG	TGA	0	0	
mORF_+_1407161	1407161	1407304	+	2	144	ATG	TAA	0	0	
mORF_+_1407183	1407183	1407215	+	3	33	TTG	TGA	0	0	
mORF_+_1407273	1407273	1407335	+	3	63	TTG	TGA	0	0	
mORF_+_1407332	1407332	1407505	+	2	174	ATG	TAA	0	0	
mORF_+_1407444	1407444	1407590	+	3	147	ATG	TAA	0	0	
mORF_+_1407508	1407508	1407519	+	1	12	TTG	TGA	0	0	
mORF_+_1407533	1407533	1407538	+	2	6	TTG	TGA	0	0	

mORF_+_1407535	1407535	1408908	+	1	1374	GTG	TAA	0	0
mORF_+_1407557	1407557	1407607	+	2	51	ATG	TAA	0	0
mORF_+_1407647	1407647	1407760	+	2	114	TTG	TAG	0	0
mORF_+_1407765	1407765	1407779	+	3	15	GTG	TGA	0	0
mORF_+_1407776	1407776	1407847	+	2	72	GTG	TGA	0	0
mORF_+_1407852	1407852	1407884	+	3	33	GTG	TGA	0	0
mORF_+_1407857	1407857	1407976	+	2	120	GTG	TGA	0	0
mORF_+_1407992	1407992	1408243	+	2	252	ATG	TAA	0	0
mORF_+_1408263	1408263	1408322	+	3	60	TTG	TGA	0	0
mORF_+_1408319	1408319	1408327	+	2	9	ATG	TAG	0	0
mORF_+_1408334	1408334	1408477	+	2	144	GTG	TGA	0	0
mORF_+_1408481	1408481	1408621	+	2	141	TTG	TAA	0	0
mORF_+_1408491	1408491	1408502	+	3	12	GTG	TGA	0	0
mORF_+_1408658	1408658	1408738	+	2	81	TTG	TAG	0	0
mORF_+_1408689	1408689	1408730	+	3	42	GTG	TGA	0	0
mORF_+_1408739	1408739	1408747	+	2	9	GTG	TGA	0	0
mORF_+_1408763	1408763	1408903	+	2	141	TTG	TAA	0	0
mORF_+_1408845	1408845	1408874	+	3	30	ATG	TAA	0	0
mORF_+_1408884	1408884	1408919	+	3	36	GTG	TGA	0	0
mORF_+_1408913	1408913	1408939	+	2	27	ATG	TAA	0	0
mORF_+_1408921	1408921	1409079	+	1	159	TTG	TGA	0	0
mORF_+_1408955	1408955	1409158	+	2	204	TTG	TAA	0	0
mORF_+_1408962	1408962	1408997	+	3	36	ATG	TAA	0	0
mORF_+_1409112	1409112	1409117	+	3	6	TTG	TAG	0	0
mORF_+_1409172	1409172	1409330	+	3	159	GTG	TGA	0	0
mORF_+_1409176	1409176	1409271	+	1	96	GTG	TAA	0	0
mORF_+_1409293	1409293	1409310	+	1	18	ATG	TGA	0	0
mORF_+_1409327	1409327	1409353	+	2	27	GTG	TAA	0	0
mORF_+_1409341	1409341	1409385	+	1	45	TTG	TGA	0	0
mORF_+_1409366	1409366	1409422	+	2	57	TTG	TAA	0	0
mORF_+_1409427	1409427	1409495	+	3	69	ATG	TAA	0	0
mORF_+_1409431	1409431	1409484	+	1	54	TTG	TAG	0	0
mORF_+_1409505	1409505	1409606	+	3	102	TTG	TGA	0	0
mORF_+_1409561	1409561	1409749	+	2	189	TTG	TAA	0	0
mORF_+_1409611	1409611	1409652	+	1	42	GTG	TAA	0	0
mORF_+_1409671	1409671	1409739	+	1	69	TTG	TGA	0	0
mORF_+_1409712	1409712	1409921	+	3	210	GTG	TAA	0	0
mORF_+_1409767	1409767	1409817	+	1	51	TTG	TAG	0	0
mORF_+_1409771	1409771	1409848	+	2	78	TTG	TGA	0	0
mORF_+_1409845	1409845	1409961	+	1	117	ATG	TGA	0	0
mORF_+_1409937	1409937	1410032	+	3	96	TTG	TAA	0	0
mORF_+_1409948	1409948	1409953	+	2	6	TTG	TAA	0	0
mORF_+_1409995	1409995	1410090	+	1	96	ATG	TAA	0	0
mORF_+_1410005	1410005	1410139	+	2	135	TTG	TAA	0	0
mORF_+_1410117	1410117	1410434	+	3	318	ATG	TAG	0	0
mORF_+_1410140	1410140	1410307	+	2	168	ATG	TGA	0	0
mORF_+_1410304	1410304	1410354	+	1	51	ATG	TGA	0	0
mORF_+_1410361	1410361	1410381	+	1	21	GTG	TGA	0	0
mORF_+_1410394	1410394	1410567	+	1	174	TTG	TGA	0	0
mORF_+_1410410	1410410	1410505	+	2	96	GTG	TGA	0	0
mORF_+_1410564	1410564	1410578	+	3	15	GTG	TGA	0	0
mORF_+_1410632	1410632	1410640	+	2	9	ATG	TGA	0	0
mORF_+_1410637	1410637	1410732	+	1	96	TTG	TGA	0	0
mORF_+_1410704	1410704	1410721	+	2	18	ATG	TAA	0	0
mORF_+_1410781	1410781	1410828	+	1	48	GTG	TAA	0	0
mORF_+_1410812	1410812	1410922	+	2	111	TTG	TGA	0	0
mORF_+_1410840	1410840	1410866	+	3	27	ATG	TAA	0	0
mORF_+_1410885	1410885	1410890	+	3	6	ATG	TGA	0	0
mORF_+_1410923	1410923	1410982	+	2	60	GTG	TAA	0	0
mORF_+_1410933	1410933	1410938	+	3	6	TTG	TGA	0	0
mORF_+_1410955	1410955	1411107	+	1	153	GTG	TGA	0	0
mORF_+_1410986	1410986	1411024	+	2	39	TTG	TGA	0	0
mORF_+_1411031	1411031	1411141	+	2	111	TTG	TAA	0	0

mORF_+_1411104	1411104	1411124	+	3	21	ATG	TAA	0	0
mORF_+_1411151	1411151	1411156	+	2	6	TTG	TAA	0	0
mORF_+_1411172	1411172	1411204	+	2	33	ATG	TGA	0	0
mORF_+_1411201	1411201	1411266	+	1	66	ATG	TGA	0	0
mORF_+_1411244	1411244	1411255	+	2	12	TTG	TAG	0	0
mORF_+_1411263	1411263	1411274	+	3	12	ATG	TGA	0	0
mORF_+_1411271	1411271	1411282	+	2	12	TTG	TGA	0	0
mORF_+_1411290	1411290	1411310	+	3	21	TTG	TAA	0	0
mORF_+_1411298	1411298	1411537	+	2	240	TTG	TAA	0	0
mORF_+_1411357	1411357	1411506	+	1	150	GTG	TAG	0	0
mORF_+_1411389	1411389	1411460	+	3	72	ATG	TAA	0	0
mORF_+_1411470	1411470	1411511	+	3	42	GTG	TGA	0	0
mORF_+_1411524	1411524	1411550	+	3	27	ATG	TGA	0	0
mORF_+_1411547	1411547	1411558	+	2	12	ATG	TAA	0	0
mORF_+_1411560	1411560	1411604	+	3	45	TTG	TAA	0	0
mORF_+_1411698	1411698	1411718	+	3	21	TTG	TAG	0	0
mORF_+_1411724	1411724	1411885	+	2	162	GTG	TGA	0	0
mORF_+_1411788	1411788	1411838	+	3	51	GTG	TAA	0	0
mORF_+_1411813	1411813	1411935	+	1	123	GTG	TAA	0	0
mORF_+_1411887	1411887	1412006	+	3	120	ATG	TGA	0	0
mORF_+_1411979	1411979	1412185	+	2	207	TTG	TGA	0	0
mORF_+_1412073	1412073	1412141	+	3	69	TTG	TGA	0	0
mORF_+_1412166	1412166	1412255	+	3	90	TTG	TAA	0	0
mORF_+_1412182	1412182	1412346	+	1	165	GTG	TAA	0	0
mORF_+_1412243	1412243	1412266	+	2	24	TTG	TGA	0	0
mORF_+_1412286	1412286	1412309	+	3	24	TTG	TAA	0	0
mORF_+_1412419	1412419	1412469	+	1	51	TTG	TAG	0	0
mORF_+_1412447	1412447	1412458	+	2	12	ATG	TAG	0	0
mORF_+_1412462	1412462	1412473	+	2	12	ATG	TGA	0	0
mORF_+_1412523	1412523	1412585	+	3	63	ATG	TGA	0	0
mORF_+_1412527	1412527	1412565	+	1	39	ATG	TGA	0	0
mORF_+_1412597	1412597	1412773	+	2	177	GTG	TGA	0	0
mORF_+_1412671	1412671	1412709	+	1	39	ATG	TGA	0	0
mORF_+_1412676	1412676	1412720	+	3	45	GTG	TAA	0	0
mORF_+_1412757	1412757	1412813	+	3	57	GTG	TAG	0	0
mORF_+_1412779	1412779	1412832	+	1	54	TTG	TAG	0	0
mORF_+_1412845	1412845	1412859	+	1	15	GTG	TAA	0	0
mORF_+_1412907	1412907	1412915	+	3	9	TTG	TGA	0	0
mORF_+_1412912	1412912	1413220	+	2	309	GTG	TGA	0	0
mORF_+_1412938	1412938	1412958	+	1	21	TTG	TGA	0	0
mORF_+_1412955	1412955	1412975	+	3	21	ATG	TAA	0	0
mORF_+_1412992	1412992	1413105	+	1	114	TTG	TGA	0	0
mORF_+_1412994	1412994	1413047	+	3	54	GTG	TAA	0	0
mORF_+_1413102	1413102	1413113	+	3	12	TTG	TGA	0	0
mORF_+_1413138	1413138	1413149	+	3	12	ATG	TGA	0	0
mORF_+_1413165	1413165	1413215	+	3	51	TTG	TAA	0	0
mORF_+_1413217	1413217	1413276	+	1	60	TTG	TAA	0	0
mORF_+_1413230	1413230	1413472	+	2	243	GTG	TAA	0	0
mORF_+_1413288	1413288	1413560	+	3	273	ATG	TGA	0	0
mORF_+_1413340	1413340	1413399	+	1	60	TTG	TAA	0	0
mORF_+_1413406	1413406	1413417	+	1	12	GTG	TAA	0	0
mORF_+_1413484	1413484	1413570	+	1	87	TTG	TGA	0	0
mORF_+_1413584	1413584	1414027	+	2	444	GTG	TGA	0	0
mORF_+_1413627	1413627	1413767	+	3	141	ATG	TGA	0	0
mORF_+_1413781	1413781	1414002	+	1	222	ATG	TAA	0	0
mORF_+_1413858	1413858	1413902	+	3	45	TTG	TGA	0	0
mORF_+_1414024	1414024	1414386	+	1	363	GTG	TGA	0	0
mORF_+_1414071	1414071	1414112	+	3	42	ATG	TGA	0	0
mORF_+_1414088	1414088	1414141	+	2	54	ATG	TGA	0	0
mORF_+_1414161	1414161	1414169	+	3	9	GTG	TGA	0	0
mORF_+_1414169	1414169	1414585	+	2	417	ATG	TGA	0	0
mORF_+_1414341	1414341	1414349	+	3	9	TTG	TGA	0	0
mORF_+_1414368	1414368	1414457	+	3	90	TTG	TAA	0	0

mORF_+_1414414	1414414	1414479	+	1	66	TTG	TGA	0	0
mORF_+_1414473	1414473	1414559	+	3	87	ATG	TGA	0	0
mORF_+_1414549	1414549	1414662	+	1	114	GTG	TGA	0	0
mORF_+_1414569	1414569	1414763	+	3	195	ATG	TAG	0	0
mORF_+_1414634	1414634	1414711	+	2	78	GTG	TGA	0	0
mORF_+_1414708	1414708	1414827	+	1	120	GTG	TAG	0	0
mORF_+_1414836	1414836	1415012	+	3	177	TTG	TGA	0	0
mORF_+_1414859	1414859	1414933	+	2	75	GTG	TAG	0	0
mORF_+_1414952	1414952	1414957	+	2	6	GTG	TAA	0	0
mORF_+_1414957	1414957	1415094	+	1	138	ATG	TGA	0	0
mORF_+_1414982	1414982	1415056	+	2	75	GTG	TAG	0	0
mORF_+_1415025	1415025	1415111	+	3	87	ATG	TGA	0	0
mORF_+_1415108	1415108	1415146	+	2	39	TTG	TAG	0	0
mORF_+_1415121	1415121	1415177	+	3	57	TTG	TGA	0	0
mORF_+_1415128	1415128	1415172	+	1	45	GTG	TGA	0	0
mORF_+_1415174	1415174	1415284	+	2	111	TTG	TGA	0	0
mORF_+_1415244	1415244	1415264	+	3	21	GTG	TAG	0	0
mORF_+_1415307	1415307	1415420	+	3	114	GTG	TAA	0	0
mORF_+_1415335	1415335	1415436	+	1	102	TTG	TAA	0	0
mORF_+_1415445	1415445	1415459	+	3	15	TTG	TGA	0	0
mORF_+_1415452	1415452	1415529	+	1	78	GTG	TAA	0	0
mORF_+_1415456	1415456	1415485	+	2	30	ATG	TAG	0	0
mORF_+_1415535	1415535	1415615	+	3	81	TTG	TGA	0	0
mORF_+_1415593	1415593	1415646	+	1	54	ATG	TGA	0	0
mORF_+_1415612	1415612	1415707	+	2	96	TTG	TAG	0	0
mORF_+_1415628	1415628	1415672	+	3	45	GTG	TGA	0	0
mORF_+_1415673	1415673	1415699	+	3	27	ATG	TAA	0	0
mORF_+_1415711	1415711	1415740	+	2	30	ATG	TGA	0	0
mORF_+_1415737	1415737	1415805	+	1	69	GTG	TAA	0	0
mORF_+_1415744	1415744	1415776	+	2	33	ATG	TAA	0	0
mORF_+_1415777	1415777	1415950	+	2	174	TTG	TGA	0	0
mORF_+_1415808	1415808	1415837	+	3	30	TTG	TAA	0	0
mORF_+_1415871	1415871	1415933	+	3	63	ATG	TGA	0	0
mORF_+_1415943	1415943	1416185	+	3	243	GTG	TGA	0	0
mORF_+_1415947	1415947	1415955	+	1	9	ATG	TGA	0	0
mORF_+_1415974	1415974	1416009	+	1	36	TTG	TAA	0	0
mORF_+_1416037	1416037	1416084	+	1	48	ATG	TAA	0	0
mORF_+_1416103	1416103	1416147	+	1	45	ATG	TAA	0	0
mORF_+_1416154	1416154	1416255	+	1	102	TTG	TAA	0	0
mORF_+_1416182	1416182	1416277	+	2	96	ATG	TGA	0	0
mORF_+_1416274	1416274	1416312	+	1	39	ATG	TGA	0	0
mORF_+_1416281	1416281	1416367	+	2	87	TTG	TAA	0	0
mORF_+_1416309	1416309	1416326	+	3	18	GTG	TAA	0	0
mORF_+_1416369	1416369	1416398	+	3	30	ATG	TAG	0	0
mORF_+_1416382	1416382	1416660	+	1	279	GTG	TAA	0	0
mORF_+_1416389	1416389	1416430	+	2	42	GTG	TAA	0	0
mORF_+_1416572	1416572	1417183	+	2	612	ATG	TAG	0	0
mORF_+_1416582	1416582	1416683	+	3	102	GTG	TGA	0	0
mORF_+_1416690	1416690	1416722	+	3	33	TTG	TGA	0	0
mORF_+_1416729	1416729	1416794	+	3	66	TTG	TGA	0	0
mORF_+_1416822	1416822	1417049	+	3	228	ATG	TGA	0	0
mORF_+_1416841	1416841	1416969	+	1	129	TTG	TGA	0	0
mORF_+_1417030	1417030	1417038	+	1	9	TTG	TAA	0	0
mORF_+_1417086	1417086	1417142	+	3	57	GTG	TGA	0	0
mORF_+_1417190	1417190	1417408	+	2	219	GTG	TAA	0	0
mORF_+_1417192	1417192	1417368	+	1	177	GTG	TAG	0	0
mORF_+_1417233	1417233	1417265	+	3	33	ATG	TGA	0	0
mORF_+_1417353	1417353	1417430	+	3	78	TTG	TAA	0	0
mORF_+_1417431	1417431	1417460	+	3	30	GTG	TGA	0	0
mORF_+_1417472	1417472	1417516	+	2	45	ATG	TAA	0	0
mORF_+_1417504	1417504	1417578	+	1	75	GTG	TAA	0	0
mORF_+_1417609	1417609	1417656	+	1	48	TTG	TAG	0	0
mORF_+_1417623	1417623	1417667	+	3	45	GTG	TAA	0	0

mORF_+_1417637	1417637	1417660	+	2	24	GTG	TAA	0	0
mORF_+_1417660	1417660	1417671	+	1	12	ATG	TGA	0	0
mORF_+_1417668	1417668	1417700	+	3	33	TTG	TGA	0	0
mORF_+_1417672	1417672	1417692	+	1	21	TTG	TAA	0	0
mORF_+_1417685	1417685	1417711	+	2	27	ATG	TAA	0	0
mORF_+_1417715	1417715	1417753	+	2	39	GTG	TAA	0	0
mORF_+_1417734	1417734	1417808	+	3	75	GTG	TGA	0	0
mORF_+_1417805	1417805	1417882	+	2	78	GTG	TAG	0	0
mORF_+_1417894	1417894	1417932	+	1	39	GTG	TAA	0	0
mORF_+_1417972	1417972	1417995	+	1	24	TTG	TAA	0	0
mORF_+_1417982	1417982	1418143	+	2	162	TTG	TAA	0	0
mORF_+_1418007	1418007	1418048	+	3	42	TTG	TAA	0	0
mORF_+_1418056	1418056	1418094	+	1	39	ATG	TAA	0	0
mORF_+_1418145	1418145	1418165	+	3	21	TTG	TAA	0	0
mORF_+_1418155	1418155	1418190	+	1	36	TTG	TGA	0	0
mORF_+_1418172	1418172	1418195	+	3	24	GTG	TGA	0	0
mORF_+_1418192	1418192	1418272	+	2	81	TTG	TAA	0	0
mORF_+_1418205	1418205	1418222	+	3	18	ATG	TAA	0	0
mORF_+_1418265	1418265	1418297	+	3	33	TTG	TAG	0	0
mORF_+_1418282	1418282	1418359	+	2	78	ATG	TAA	0	0
mORF_+_1418340	1418340	1418348	+	3	9	TTG	TAG	0	0
mORF_+_1418367	1418367	1418456	+	3	90	GTG	TAG	0	0
mORF_+_1418369	1418369	1418392	+	2	24	GTG	TGA	0	0
mORF_+_1418389	1418389	1418685	+	1	297	ATG	TGA	0	0
mORF_+_1418423	1418423	1418464	+	2	42	GTG	TAG	0	0
mORF_+_1418465	1418465	1418485	+	2	21	GTG	TAA	0	0
mORF_+_1418490	1418490	1418540	+	3	51	ATG	TGA	0	0
mORF_+_1418537	1418537	1418641	+	2	105	TTG	TGA	0	0
mORF_+_1418565	1418565	1418585	+	3	21	GTG	TGA	0	0
mORF_+_1418616	1418616	1418654	+	3	39	ATG	TGA	0	0
mORF_+_1418651	1418651	1418704	+	2	54	ATG	TGA	0	0
mORF_+_1418701	1418701	1418724	+	1	24	ATG	TGA	0	0
mORF_+_1418708	1418708	1419130	+	2	423	ATG	TAA	0	0
mORF_+_1418721	1418721	1418753	+	3	33	ATG	TAG	0	0
mORF_+_1418773	1418773	1418796	+	1	24	ATG	TGA	0	0
mORF_+_1418784	1418784	1418885	+	3	102	ATG	TGA	0	0
mORF_+_1418878	1418878	1418892	+	1	15	TTG	TGA	0	0
mORF_+_1418889	1418889	1418927	+	3	39	GTG	TGA	0	0
mORF_+_1419000	1419000	1419029	+	3	30	GTG	TAA	0	0
mORF_+_1419039	1419039	1419164	+	3	126	TTG	TAA	0	0
mORF_+_1419143	1419143	1420000	+	2	858	ATG	TAA	0	0
mORF_+_1419270	1419270	1419290	+	3	21	ATG	TGA	0	0
mORF_+_1419345	1419345	1419356	+	3	12	TTG	TGA	0	0
mORF_+_1419367	1419367	1419375	+	1	9	ATG	TGA	0	0
mORF_+_1419375	1419375	1419473	+	3	99	ATG	TAA	0	0
mORF_+_1419403	1419403	1419411	+	1	9	TTG	TAA	0	0
mORF_+_1419421	1419421	1419441	+	1	21	ATG	TGA	0	0
mORF_+_1419534	1419534	1419563	+	3	30	ATG	TAA	0	0
mORF_+_1419567	1419567	1419647	+	3	81	GTG	TAA	0	0
mORF_+_1419687	1419687	1419869	+	3	183	GTG	TGA	0	0
mORF_+_1419745	1419745	1419753	+	1	9	TTG	TGA	0	0
mORF_+_1419754	1419754	1419762	+	1	9	GTG	TGA	0	0
mORF_+_1419888	1419888	1420004	+	3	117	ATG	TGA	0	0
mORF_+_1420007	1420007	1420753	+	2	747	ATG	TAA	0	0
mORF_+_1420017	1420017	1420070	+	3	54	TTG	TAA	0	0
mORF_+_1420096	1420096	1420137	+	1	42	GTG	TGA	0	0
mORF_+_1420134	1420134	1420184	+	3	51	GTG	TGA	0	0
mORF_+_1420216	1420216	1420290	+	1	75	ATG	TGA	0	0
mORF_+_1420290	1420290	1420298	+	3	9	ATG	TGA	0	0
mORF_+_1420306	1420306	1420422	+	1	117	GTG	TGA	0	0
mORF_+_1420317	1420317	1420358	+	3	42	TTG	TAG	0	0
mORF_+_1420404	1420404	1420430	+	3	27	TTG	TGA	0	0
mORF_+_1420431	1420431	1420613	+	3	183	GTG	TGA	0	0

mORF_+_1420489	1420489	1420515	+	1	27	GTG	TGA	0	0
mORF_+_1420626	1420626	1420637	+	3	12	ATG	TGA	0	0
mORF_+_1420690	1420690	1420704	+	1	15	ATG	TAA	0	0
mORF_+_1420725	1420725	1421336	+	3	612	ATG	TGA	0	0
mORF_+_1420789	1420789	1420800	+	1	12	TTG	TGA	0	0
mORF_+_1420831	1420831	1420869	+	1	39	TTG	TGA	0	0
mORF_+_1420877	1420877	1420906	+	2	30	ATG	TGA	0	0
mORF_+_1420900	1420900	1421004	+	1	105	TTG	TAG	0	0
mORF_+_1421018	1421018	1421041	+	2	24	GTG	TGA	0	0
mORF_+_1421038	1421038	1421145	+	1	108	TTG	TGA	0	0
mORF_+_1421263	1421263	1421274	+	1	12	ATG	TAA	0	0
mORF_+_1421363	1421363	1421668	+	2	306	ATG	TAA	0	0
mORF_+_1421379	1421379	1421420	+	3	42	GTG	TAG	0	0
mORF_+_1421424	1421424	1421609	+	3	186	ATG	TAA	0	0
mORF_+_1421625	1421625	1421648	+	3	24	TTG	TAA	0	0
mORF_+_1421656	1421656	1421676	+	1	21	GTG	TAA	0	0
mORF_+_1421684	1421684	1421743	+	2	60	ATG	TAA	0	0
mORF_+_1421694	1421694	1421711	+	3	18	TTG	TAA	0	0
mORF_+_1421701	1421701	1421721	+	1	21	TTG	TGA	0	0
mORF_+_1421718	1421718	1421726	+	3	9	GTG	TAA	0	0
mORF_+_1421768	1421768	1421791	+	2	24	TTG	TGA	0	0
mORF_+_1421778	1421778	1421867	+	3	90	GTG	TAG	0	0
mORF_+_1421788	1421788	1423263	+	1	1476	TTG	TAA	0	0
mORF_+_1421819	1421819	1421824	+	2	6	ATG	TAA	0	0
mORF_+_1421828	1421828	1421896	+	2	69	TTG	TAG	0	0
mORF_+_1421924	1421924	1421938	+	2	15	TTG	TAA	0	0
mORF_+_1421955	1421955	1421987	+	3	33	TTG	TAA	0	0
mORF_+_1421960	1421960	1422031	+	2	72	TTG	TAA	0	0
mORF_+_1422032	1422032	1422037	+	2	6	TTG	TAA	0	0
mORF_+_1422042	1422042	1422065	+	3	24	TTG	TAG	0	0
mORF_+_1422065	1422065	1422103	+	2	39	GTG	TAA	0	0
mORF_+_1422078	1422078	1422086	+	3	9	ATG	TGA	0	0
mORF_+_1422110	1422110	1422142	+	2	33	TTG	TAA	0	0
mORF_+_1422164	1422164	1422217	+	2	54	TTG	TAA	0	0
mORF_+_1422227	1422227	1422235	+	2	9	GTG	TAG	0	0
mORF_+_1422242	1422242	1422376	+	2	135	TTG	TAA	0	0
mORF_+_1422369	1422369	1422416	+	3	48	GTG	TAG	0	0
mORF_+_1422395	1422395	1422610	+	2	216	TTG	TAA	0	0
mORF_+_1422447	1422447	1422494	+	3	48	TTG	TAG	0	0
mORF_+_1422579	1422579	1422596	+	3	18	TTG	TAG	0	0
mORF_+_1422629	1422629	1422652	+	2	24	TTG	TAA	0	0
mORF_+_1422671	1422671	1422700	+	2	30	TTG	TAG	0	0
mORF_+_1422707	1422707	1422775	+	2	69	ATG	TAG	0	0
mORF_+_1422788	1422788	1422814	+	2	27	ATG	TAG	0	0
mORF_+_1422795	1422795	1422875	+	3	81	TTG	TAA	0	0
mORF_+_1422839	1422839	1422853	+	2	15	TTG	TAG	0	0
mORF_+_1422863	1422863	1422922	+	2	60	GTG	TAA	0	0
mORF_+_1422953	1422953	1422958	+	2	6	GTG	TAA	0	0
mORF_+_1422959	1422959	1422964	+	2	6	ATG	TAG	0	0
mORF_+_1422986	1422986	1422991	+	2	6	GTG	TAA	0	0
mORF_+_1423002	1423002	1423073	+	3	72	ATG	TGA	0	0
mORF_+_1423058	1423058	1423126	+	2	69	ATG	TAG	0	0
mORF_+_1423104	1423104	1423112	+	3	9	ATG	TAA	0	0
mORF_+_1423130	1423130	1423183	+	2	54	TTG	TAA	0	0
mORF_+_1423176	1423176	1423214	+	3	39	ATG	TGA	0	0
mORF_+_1423202	1423202	1423483	+	2	282	TTG	TGA	0	0
mORF_+_1423251	1423251	1423274	+	3	24	TTG	TGA	0	0
mORF_+_1423267	1423267	1423281	+	1	15	ATG	TAA	0	0
mORF_+_1423282	1423282	1423287	+	1	6	TTG	TGA	0	0
mORF_+_1423284	1423284	1423304	+	3	21	GTG	TGA	0	0
mORF_+_1423401	1423401	1423664	+	3	264	ATG	TAA	0	0
mORF_+_1423453	1423453	1423503	+	1	51	ATG	TAG	0	0
mORF_+_1423543	1423543	1423641	+	1	99	TTG	TGA	0	0

mORF_+_1423645	1423645	1424004	+	1	360	ATG	TAG	0	0	
mORF_+_1423685	1423685	1423693	+	2	9	ATG	TAA	0	0	
mORF_+_1423706	1423706	1423822	+	2	117	TTG	TGA	0	0	
mORF_+_1423838	1423838	1423993	+	2	156	TTG	TAA	1	2	pORF_+_1423838
mORF_+_1424015	1424015	1424119	+	2	105	GTG	TAA	0	0	
mORF_+_1424079	1424079	1424312	+	3	234	TTG	TAG	0	0	
mORF_+_1424152	1424152	1424202	+	1	51	GTG	TGA	0	0	
mORF_+_1424212	1424212	1424223	+	1	12	ATG	TAG	0	0	
mORF_+_1424242	1424242	1424268	+	1	27	TTG	TGA	0	0	
mORF_+_1424272	1424272	1424319	+	1	48	TTG	TAA	0	0	
mORF_+_1424303	1424303	1424347	+	2	45	GTG	TGA	0	0	
mORF_+_1424313	1424313	1424363	+	3	51	TTG	TAA	0	0	
mORF_+_1424344	1424344	1424433	+	1	90	GTG	TGA	0	0	
mORF_+_1424390	1424390	1424515	+	2	126	TTG	TGA	0	0	
mORF_+_1424394	1424394	1424405	+	3	12	GTG	TAA	0	0	
mORF_+_1424478	1424478	1425506	+	3	1029	ATG	TGA	0	0	
mORF_+_1424512	1424512	1424550	+	1	39	TTG	TGA	0	0	
mORF_+_1424629	1424629	1424655	+	1	27	ATG	TAA	0	0	
mORF_+_1424665	1424665	1424718	+	1	54	TTG	TAA	0	0	
mORF_+_1424743	1424743	1424802	+	1	60	TTG	TGA	0	0	
mORF_+_1424809	1424809	1424928	+	1	120	TTG	TAA	0	0	
mORF_+_1424935	1424935	1424985	+	1	51	TTG	TAA	0	0	
mORF_+_1424986	1424986	1425114	+	1	129	ATG	TGA	0	0	
mORF_+_1425115	1425115	1425159	+	1	45	TTG	TAG	0	0	
mORF_+_1425178	1425178	1425282	+	1	105	ATG	TAA	0	0	
mORF_+_1425316	1425316	1425345	+	1	30	TTG	TGA	0	0	
mORF_+_1425352	1425352	1425396	+	1	45	TTG	TAA	0	0	
mORF_+_1425482	1425482	1425637	+	2	156	GTG	TAA	1	0	pORF_+_1425482
mORF_+_1425531	1425531	1425611	+	3	81	ATG	TAA	0	0	
mORF_+_1425535	1425535	1425615	+	1	81	ATG	TGA	0	0	
mORF_+_1425628	1425628	1425669	+	1	42	GTG	TGA	0	0	
mORF_+_1425800	1425800	1425835	+	2	36	TTG	TAA	0	0	
mORF_+_1425819	1425819	1426085	+	3	267	TTG	TAG	0	0	
mORF_+_1425845	1425845	1426099	+	2	255	TTG	TGA	0	0	
mORF_+_1426069	1426069	1426143	+	1	75	GTG	TGA	0	0	
mORF_+_1426106	1426106	1426474	+	2	369	TTG	TAA	0	0	
mORF_+_1426140	1426140	1426238	+	3	99	TTG	TGA	0	0	
mORF_+_1426239	1426239	1426256	+	3	18	TTG	TGA	0	0	
mORF_+_1426284	1426284	1426394	+	3	111	TTG	TGA	0	0	
mORF_+_1426303	1426303	1426314	+	1	12	GTG	TGA	0	0	
mORF_+_1426434	1426434	1426562	+	3	129	ATG	TGA	0	0	
mORF_+_1426547	1426547	1427008	+	2	462	ATG	TGA	0	0	
mORF_+_1426572	1426572	1426589	+	3	18	ATG	TAG	0	0	
mORF_+_1426602	1426602	1426619	+	3	18	TTG	TAA	0	0	
mORF_+_1426629	1426629	1426700	+	3	72	ATG	TGA	0	0	
mORF_+_1426651	1426651	1426710	+	1	60	ATG	TAG	0	0	
mORF_+_1426710	1426710	1426742	+	3	33	GTG	TGA	0	0	
mORF_+_1426749	1426749	1426844	+	3	96	ATG	TGA	0	0	
mORF_+_1426765	1426765	1426779	+	1	15	ATG	TGA	0	0	
mORF_+_1426804	1426804	1426854	+	1	51	TTG	TGA	0	0	
mORF_+_1426851	1426851	1427012	+	3	162	GTG	TAG	0	0	
mORF_+_1426885	1426885	1426908	+	1	24	GTG	TAA	0	0	
mORF_+_1427025	1427025	1427033	+	3	9	GTG	TGA	0	0	
mORF_+_1427030	1427030	1427158	+	2	129	ATG	TAA	0	0	
mORF_+_1427062	1427062	1427070	+	1	9	GTG	TGA	0	0	
mORF_+_1427067	1427067	1430435	+	3	3369	GTG	TAA	1	2	pORF_+_1427067
mORF_+_1427092	1427092	1427100	+	1	9	GTG	TGA	0	0	
mORF_+_1427203	1427203	1427331	+	1	129	ATG	TGA	0	0	
mORF_+_1427332	1427332	1427352	+	1	21	ATG	TGA	0	0	
mORF_+_1427359	1427359	1427397	+	1	39	ATG	TGA	0	0	
mORF_+_1427467	1427467	1428477	+	1	1011	GTG	TAG	0	0	
mORF_+_1428490	1428490	1428540	+	1	51	GTG	TAA	0	0	
mORF_+_1428550	1428550	1428621	+	1	72	ATG	TGA	0	0	

mORF_+_1428611	1428611	1428631	+	2	21	ATG	TAA	0	0
mORF_+_1428652	1428652	1428756	+	1	105	TTG	TAA	0	0
mORF_+_1428838	1428838	1428930	+	1	93	TTG	TAA	0	0
mORF_+_1428949	1428949	1429164	+	1	216	ATG	TAA	0	0
mORF_+_1429097	1429097	1429123	+	2	27	ATG	TGA	0	0
mORF_+_1429184	1429184	1429231	+	2	48	GTG	TAA	0	0
mORF_+_1429198	1429198	1429218	+	1	21	TTG	TAG	0	0
mORF_+_1429222	1429222	1429245	+	1	24	GTG	TGA	0	0
mORF_+_1429249	1429249	1429344	+	1	96	GTG	TAA	0	0
mORF_+_1429268	1429268	1429276	+	2	9	ATG	TAA	0	0
mORF_+_1429351	1429351	1429410	+	1	60	TTG	TGA	0	0
mORF_+_1429417	1429417	1429425	+	1	9	ATG	TAA	0	0
mORF_+_1429462	1429462	1429497	+	1	36	GTG	TAA	0	0
mORF_+_1429507	1429507	1429671	+	1	165	ATG	TGA	0	0
mORF_+_1429568	1429568	1429630	+	2	63	ATG	TAA	0	0
mORF_+_1429652	1429652	1429732	+	2	81	TTG	TGA	0	0
mORF_+_1429687	1429687	1429842	+	1	156	ATG	TGA	0	0
mORF_+_1429805	1429805	1429861	+	2	57	GTG	TGA	0	0
mORF_+_1429858	1429858	1429908	+	1	51	TTG	TGA	0	0
mORF_+_1429921	1429921	1430106	+	1	186	GTG	TGA	0	0
mORF_+_1430167	1430167	1430424	+	1	258	GTG	TGA	0	0
mORF_+_1430428	1430428	1430454	+	1	27	TTG	TGA	0	0
mORF_+_1430435	1430435	1431010	+	2	576	ATG	TAG	0	0
mORF_+_1430451	1430451	1430471	+	3	21	GTG	TAA	0	0
mORF_+_1430499	1430499	1430780	+	3	282	ATG	TGA	0	0
mORF_+_1430626	1430626	1430640	+	1	15	GTG	TGA	0	0
mORF_+_1430758	1430758	1430859	+	1	102	GTG	TGA	0	0
mORF_+_1430856	1430856	1430957	+	3	102	GTG	TGA	0	0
mORF_+_1430932	1430932	1430967	+	1	36	ATG	TGA	0	0
mORF_+_1430961	1430961	1431083	+	3	123	GTG	TAA	0	0
mORF_+_1430992	1430992	1431015	+	1	24	ATG	TAA	0	0
mORF_+_1431038	1431038	1431169	+	2	132	ATG	TGA	0	0
mORF_+_1431112	1431112	1431126	+	1	15	ATG	TGA	0	0
mORF_+_1431136	1431136	1431303	+	1	168	TTG	TGA	0	0
mORF_+_1431153	1431153	1431203	+	3	51	TTG	TGA	0	0
mORF_+_1431300	1431300	1431317	+	3	18	ATG	TAA	0	0
mORF_+_1431304	1431304	1431507	+	1	204	GTG	TGA	0	0
mORF_+_1431354	1431354	1431407	+	3	54	TTG	TAA	0	0
mORF_+_1431374	1431374	1431421	+	2	48	TTG	TGA	0	0
mORF_+_1431411	1431411	1431569	+	3	159	ATG	TGA	0	0
mORF_+_1431464	1431464	1431541	+	2	78	TTG	TAA	0	0
mORF_+_1431560	1431560	1431577	+	2	18	TTG	TAA	0	0
mORF_+_1431577	1431577	1431600	+	1	24	ATG	TGA	0	0
mORF_+_1431579	1431579	1431668	+	3	90	GTG	TGA	0	0
mORF_+_1431604	1431604	1431642	+	1	39	TTG	TGA	0	0
mORF_+_1431649	1431649	1431657	+	1	9	GTG	TGA	0	0
mORF_+_1431665	1431665	1431700	+	2	36	TTG	TAG	0	0
mORF_+_1431700	1431700	1431735	+	1	36	GTG	TAA	0	0
mORF_+_1431735	1431735	1431752	+	3	18	ATG	TAA	0	0
mORF_+_1431755	1431755	1431865	+	2	111	ATG	TAA	0	0
mORF_+_1431765	1431765	1431980	+	3	216	TTG	TAA	0	0
mORF_+_1431775	1431775	1431798	+	1	24	TTG	TAA	0	0
mORF_+_1431847	1431847	1431852	+	1	6	TTG	TGA	0	0
mORF_+_1431856	1431856	1431912	+	1	57	ATG	TAG	0	0
mORF_+_1431872	1431872	1432123	+	2	252	TTG	TAA	0	0
mORF_+_1431919	1431919	1431930	+	1	12	GTG	TAA	0	0
mORF_+_1431943	1431943	1431993	+	1	51	TTG	TGA	0	0
mORF_+_1431990	1431990	1432004	+	3	15	ATG	TAA	0	0
mORF_+_1432036	1432036	1432056	+	1	21	TTG	TGA	0	0
mORF_+_1432066	1432066	1432071	+	1	6	TTG	TAA	0	0
mORF_+_1432092	1432092	1432145	+	3	54	ATG	TGA	0	0
mORF_+_1432142	1432142	1432300	+	2	159	TTG	TGA	0	0
mORF_+_1432161	1432161	1432193	+	3	33	TTG	TAA	0	0

mORF_+_1432239	1432239	1432250	+	3	12	TTG	TGA	0	0
mORF_+_1432281	1432281	1432361	+	3	81	TTG	TAA	0	0
mORF_+_1432309	1432309	1432377	+	1	69	ATG	TGA	0	0
mORF_+_1432374	1432374	1432445	+	3	72	ATG	TAG	0	0
mORF_+_1432384	1432384	1432434	+	1	51	ATG	TAG	0	0
mORF_+_1432448	1432448	1432462	+	2	15	ATG	TGA	0	0
mORF_+_1432450	1432450	1432467	+	1	18	GTG	TAG	0	0
mORF_+_1432468	1432468	1432509	+	1	42	TTG	TAA	0	0
mORF_+_1432487	1432487	1432582	+	2	96	GTG	TGA	0	0
mORF_+_1432513	1432513	1432650	+	1	138	TTG	TAA	0	0
mORF_+_1432545	1432545	1432634	+	3	90	GTG	TAA	0	0
mORF_+_1432625	1432625	1432690	+	2	66	TTG	TAG	0	0
mORF_+_1432696	1432696	1432746	+	1	51	ATG	TAG	0	0
mORF_+_1432715	1432715	1432750	+	2	36	ATG	TGA	0	0
mORF_+_1432719	1432719	1432724	+	3	6	ATG	TGA	0	0
mORF_+_1432747	1432747	1432797	+	1	51	TTG	TGA	0	0
mORF_+_1432770	1432770	1432943	+	3	174	ATG	TAA	0	0
mORF_+_1432804	1432804	1432914	+	1	111	TTG	TGA	0	0
mORF_+_1432814	1432814	1432897	+	2	84	TTG	TAG	0	0
mORF_+_1432951	1432951	1433013	+	1	63	ATG	TAA	0	0
mORF_+_1432964	1432964	1432969	+	2	6	TTG	TGA	0	0
mORF_+_1432973	1432973	1433113	+	2	141	TTG	TAA	0	0
mORF_+_1432983	1432983	1433021	+	3	39	TTG	TGA	0	0
mORF_+_1433056	1433056	1433142	+	1	87	ATG	TAG	0	0
mORF_+_1433079	1433079	1433099	+	3	21	ATG	TAA	0	0
mORF_+_1433120	1433120	1433173	+	2	54	GTG	TGA	0	0
mORF_+_1433151	1433151	1433285	+	3	135	ATG	TGA	0	0
mORF_+_1433170	1433170	1433472	+	1	303	ATG	TAA	0	0
mORF_+_1433192	1433192	1433206	+	2	15	ATG	TAG	0	0
mORF_+_1433261	1433261	1433278	+	2	18	TTG	TAA	0	0
mORF_+_1433279	1433279	1433320	+	2	42	GTG	TGA	0	0
mORF_+_1433348	1433348	1433506	+	2	159	ATG	TAG	0	0
mORF_+_1433397	1433397	1433408	+	3	12	TTG	TAA	0	0
mORF_+_1433463	1433463	1433582	+	3	120	TTG	TAA	0	0
mORF_+_1433536	1433536	1433598	+	1	63	ATG	TAA	0	0
mORF_+_1433673	1433673	1433678	+	3	6	GTG	TAA	0	0
mORF_+_1433685	1433685	1433702	+	3	18	ATG	TAA	0	0
mORF_+_1433695	1433695	1433787	+	1	93	TTG	TAG	0	0
mORF_+_1433702	1433702	1433728	+	2	27	ATG	TAG	0	0
mORF_+_1433830	1433830	1433847	+	1	18	ATG	TAG	0	0
mORF_+_1433872	1433872	1433883	+	1	12	TTG	TAG	0	0
mORF_+_1433893	1433893	1433916	+	1	24	GTG	TAG	0	0
mORF_+_1433974	1433974	1434105	+	1	132	TTG	TAA	0	0
mORF_+_1433994	1433994	1434143	+	3	150	GTG	TGA	0	0
mORF_+_1434062	1434062	1434070	+	2	9	GTG	TGA	0	0
mORF_+_1434092	1434092	1434172	+	2	81	TTG	TAG	0	0
mORF_+_1434148	1434148	1434162	+	1	15	ATG	TAA	0	0
mORF_+_1434166	1434166	1434372	+	1	207	TTG	TGA	0	0
mORF_+_1434228	1434228	1434296	+	3	69	ATG	TAA	0	0
mORF_+_1434266	1434266	1434283	+	2	18	ATG	TAA	0	0
mORF_+_1434302	1434302	1434490	+	2	189	ATG	TAA	0	0
mORF_+_1434336	1434336	1434641	+	3	306	ATG	TGA	0	0
mORF_+_1434391	1434391	1434402	+	1	12	TTG	TGA	0	0
mORF_+_1434472	1434472	1434510	+	1	39	TTG	TAA	0	0
mORF_+_1434553	1434553	1434573	+	1	21	ATG	TAA	0	0
mORF_+_1434623	1434623	1434706	+	2	84	ATG	TGA	0	0
mORF_+_1434661	1434661	1434675	+	1	15	GTG	TGA	0	0
mORF_+_1434679	1434679	1434693	+	1	15	TTG	TGA	0	0
mORF_+_1434690	1434690	1434776	+	3	87	TTG	TGA	0	0
mORF_+_1434703	1434703	1434711	+	1	9	GTG	TGA	0	0
mORF_+_1434792	1434792	1434824	+	3	33	ATG	TAA	0	0
mORF_+_1434808	1434808	1434846	+	1	39	TTG	TAA	0	0
mORF_+_1434858	1434858	1434893	+	3	36	ATG	TAA	0	0

mORF_+_1434860	1434860	1434982	+	2	123	GTG	TAA	0	0
mORF_+_1434907	1434907	1434924	+	1	18	TTG	TAA	0	0
mORF_+_1434943	1434943	1434999	+	1	57	TTG	TAG	0	0
mORF_+_1435014	1435014	1435031	+	3	18	TTG	TAA	0	0
mORF_+_1435058	1435058	1435105	+	2	48	ATG	TAA	0	0
mORF_+_1435077	1435077	1435091	+	3	15	ATG	TAA	0	0
mORF_+_1435122	1435122	1435373	+	3	252	TTG	TAA	0	0
mORF_+_1435150	1435150	1435203	+	1	54	ATG	TGA	0	0
mORF_+_1435181	1435181	1435267	+	2	87	TTG	TAA	0	0
mORF_+_1435291	1435291	1435338	+	1	48	GTG	TAG	0	0
mORF_+_1435322	1435322	1435540	+	2	219	GTG	TAG	0	0
mORF_+_1435419	1435419	1435433	+	3	15	TTG	TAA	0	0
mORF_+_1435486	1435486	1435584	+	1	99	TTG	TAA	0	0
mORF_+_1435548	1435548	1435943	+	3	396	TTG	TGA	0	0
mORF_+_1435571	1435571	1435615	+	2	45	GTG	TGA	0	0
mORF_+_1435612	1435612	1435650	+	1	39	ATG	TGA	0	0
mORF_+_1435622	1435622	1435729	+	2	108	ATG	TGA	0	0
mORF_+_1435756	1435756	1435812	+	1	57	TTG	TGA	0	0
mORF_+_1435793	1435793	1435858	+	2	66	GTG	TGA	0	0
mORF_+_1435819	1435819	1435830	+	1	12	GTG	TAG	0	0
mORF_+_1435852	1435852	1435884	+	1	33	ATG	TGA	0	0
mORF_+_1435940	1435940	1436002	+	2	63	TTG	TGA	0	0
mORF_+_1435980	1435980	1436015	+	3	36	ATG	TAA	0	0
mORF_+_1435999	1435999	1436103	+	1	105	TTG	TGA	0	0
mORF_+_1436100	1436100	1436186	+	3	87	TTG	TAG	0	0
mORF_+_1436198	1436198	1436239	+	2	42	ATG	TAG	0	0
mORF_+_1436215	1436215	1436259	+	1	45	TTG	TAA	0	0
mORF_+_1436261	1436261	1436284	+	2	24	TTG	TAG	0	0
mORF_+_1436275	1436275	1436307	+	1	33	GTG	TAG	0	0
mORF_+_1436378	1436378	1436383	+	2	6	GTG	TAA	0	0
mORF_+_1436393	1436393	1436446	+	2	54	ATG	TGA	0	0
mORF_+_1436419	1436419	1436460	+	1	42	TTG	TAA	0	0
mORF_+_1436461	1436461	1436529	+	1	69	TTG	TGA	0	0
mORF_+_1436481	1436481	1436705	+	3	225	ATG	TGA	0	0
mORF_+_1436572	1436572	1437042	+	1	471	GTG	TAA	0	0
mORF_+_1436585	1436585	1436701	+	2	117	GTG	TAG	0	0
mORF_+_1436706	1436706	1437212	+	3	507	GTG	TAA	0	0
mORF_+_1436708	1436708	1436803	+	2	96	GTG	TAG	0	0
mORF_+_1437046	1437046	1437189	+	1	144	TTG	TAG	0	0
mORF_+_1437228	1437228	1437299	+	3	72	TTG	TAA	0	0
mORF_+_1437268	1437268	1437315	+	1	48	GTG	TGA	0	0
mORF_+_1437339	1437339	1437599	+	3	261	GTG	TGA	0	0
mORF_+_1437367	1437367	1437375	+	1	9	ATG	TAA	0	0
mORF_+_1437436	1437436	1437447	+	1	12	TTG	TAA	0	0
mORF_+_1437461	1437461	1437490	+	2	30	GTG	TAA	0	0
mORF_+_1437475	1437475	1437543	+	1	69	GTG	TAA	0	0
mORF_+_1437569	1437569	1437634	+	2	66	TTG	TAA	0	0
mORF_+_1437577	1437577	1437621	+	1	45	GTG	TAA	0	0
mORF_+_1437658	1437658	1437720	+	1	63	TTG	TAG	0	0
mORF_+_1437707	1437707	1437733	+	2	27	ATG	TGA	0	0
mORF_+_1437730	1437730	1437801	+	1	72	ATG	TAG	0	0
mORF_+_1437779	1437779	1437892	+	2	114	GTG	TAG	0	0
mORF_+_1437829	1437829	1438032	+	1	204	TTG	TAA	0	0
mORF_+_1437876	1437876	1437884	+	3	9	TTG	TAA	0	0
mORF_+_1437885	1437885	1437950	+	3	66	ATG	TAG	0	0
mORF_+_1438017	1438017	1438511	+	3	495	TTG	TAG	0	0
mORF_+_1438111	1438111	1438149	+	1	39	TTG	TAA	0	0
mORF_+_1438118	1438118	1438198	+	2	81	ATG	TGA	0	0
mORF_+_1438150	1438150	1438215	+	1	66	GTG	TGA	0	0
mORF_+_1438199	1438199	1438240	+	2	42	GTG	TGA	0	0
mORF_+_1438237	1438237	1438317	+	1	81	ATG	TGA	0	0
mORF_+_1438322	1438322	1438360	+	2	39	ATG	TGA	0	0
mORF_+_1438357	1438357	1438443	+	1	87	ATG	TGA	0	0

mORF_+_1438388	1438388	1438432	+	2	45	TTG	TAA	0	0
mORF_+_1438460	1438460	1438570	+	2	111	GTG	TAA	0	0
mORF_+_1438468	1438468	1438740	+	1	273	GTG	TAG	0	0
mORF_+_1438574	1438574	1438615	+	2	42	ATG	TAG	0	0
mORF_+_1438605	1438605	1438679	+	3	75	ATG	TAA	0	0
mORF_+_1438652	1438652	1438732	+	2	81	GTG	TAA	0	0
mORF_+_1438741	1438741	1438812	+	1	72	ATG	TGA	0	0
mORF_+_1438766	1438766	1438801	+	2	36	ATG	TAG	0	0
mORF_+_1438809	1438809	1438865	+	3	57	ATG	TAG	0	0
mORF_+_1438823	1438823	1438834	+	2	12	TTG	TGA	0	0
mORF_+_1438831	1438831	1438968	+	1	138	ATG	TAG	0	0
mORF_+_1438886	1438886	1438933	+	2	48	ATG	TAA	0	0
mORF_+_1438911	1438911	1438982	+	3	72	TTG	TAA	0	0
mORF_+_1438937	1438937	1438945	+	2	9	ATG	TGA	0	0
mORF_+_1438985	1438985	1439134	+	2	150	ATG	TAG	0	0
mORF_+_1439026	1439026	1439103	+	1	78	GTG	TAG	0	0
mORF_+_1439055	1439055	1439063	+	3	9	TTG	TGA	0	0
mORF_+_1439082	1439082	1439348	+	3	267	ATG	TAA	0	0
mORF_+_1439107	1439107	1439172	+	1	66	GTG	TAG	0	0
mORF_+_1439203	1439203	1439226	+	1	24	GTG	TGA	0	0
mORF_+_1439216	1439216	1439308	+	2	93	TTG	TAG	0	0
mORF_+_1439245	1439245	1439454	+	1	210	TTG	TAA	0	0
mORF_+_1439426	1439426	1439680	+	2	255	TTG	TAG	0	0
mORF_+_1439454	1439454	1439672	+	3	219	ATG	TGA	0	0
mORF_+_1439506	1439506	1439538	+	1	33	TTG	TAG	0	0
mORF_+_1439703	1439703	1439792	+	3	90	TTG	TGA	0	0
mORF_+_1439767	1439767	1439808	+	1	42	TTG	TAA	0	0
mORF_+_1439818	1439818	1439925	+	1	108	ATG	TAA	0	0
mORF_+_1439829	1439829	1439843	+	3	15	TTG	TGA	0	0
mORF_+_1439859	1439859	1439939	+	3	81	ATG	TAG	0	0
mORF_+_1439918	1439918	1439944	+	2	27	TTG	TGA	0	0
mORF_+_1439929	1439929	1440072	+	1	144	TTG	TAG	0	0
mORF_+_1439976	1439976	1439993	+	3	18	ATG	TAA	0	0
mORF_+_1440002	1440002	1440121	+	2	120	TTG	TGA	0	0
mORF_+_1440138	1440138	1440179	+	3	42	TTG	TGA	0	0
mORF_+_1440176	1440176	1440232	+	2	57	TTG	TGA	0	0
mORF_+_1440229	1440229	1440276	+	1	48	ATG	TGA	0	0
mORF_+_1440243	1440243	1440269	+	3	27	GTG	TAA	0	0
mORF_+_1440291	1440291	1440422	+	3	132	TTG	TAA	0	0
mORF_+_1440383	1440383	1440496	+	2	114	ATG	TGA	0	0
mORF_+_1440505	1440505	1440909	+	1	405	GTG	TAA	0	0
mORF_+_1440539	1440539	1440571	+	2	33	ATG	TAG	0	0
mORF_+_1440606	1440606	1440632	+	3	27	TTG	TGA	0	0
mORF_+_1440629	1440629	1440853	+	2	225	TTG	TAA	0	0
mORF_+_1440843	1440843	1440869	+	3	27	TTG	TAA	0	0
mORF_+_1440881	1440881	1440901	+	2	21	GTG	TAA	0	0
mORF_+_1440937	1440937	1441005	+	1	69	TTG	TGA	0	0
mORF_+_1440983	1440983	1440988	+	2	6	GTG	TAG	0	0
mORF_+_1441016	1441016	1441036	+	2	21	ATG	TGA	0	0
mORF_+_1441033	1441033	1441044	+	1	12	TTG	TAA	0	0
mORF_+_1441037	1441037	1441117	+	2	81	ATG	TGA	0	0
mORF_+_1441075	1441075	1443714	+	1	2640	ATG	TGA	0	0
mORF_+_1441124	1441124	1441135	+	2	12	TTG	TGA	0	0
mORF_+_1441158	1441158	1441217	+	3	60	GTG	TGA	0	0
mORF_+_1441205	1441205	1441213	+	2	9	TTG	TAG	0	0
mORF_+_1441214	1441214	1441246	+	2	33	ATG	TAA	0	0
mORF_+_1441278	1441278	1441358	+	3	81	TTG	TGA	0	0
mORF_+_1441286	1441286	1441336	+	2	51	TTG	TGA	0	0
mORF_+_1441355	1441355	1441471	+	2	117	TTG	TGA	0	0
mORF_+_1441365	1441365	1441445	+	3	81	TTG	TAA	0	0
mORF_+_1441491	1441491	1441526	+	3	36	ATG	TGA	0	0
mORF_+_1441610	1441610	1441642	+	2	33	ATG	TAA	0	0
mORF_+_1441658	1441658	1441693	+	2	36	TTG	TAA	0	0

mORF_+_1441694	1441694	1441717	+	2	24	GTG	TAA	0	0
mORF_+_1441745	1441745	1441783	+	2	39	ATG	TGA	0	0
mORF_+_1441827	1441827	1441946	+	3	120	GTG	TGA	0	0
mORF_+_1441862	1441862	1441900	+	2	39	ATG	TGA	0	0
mORF_+_1441901	1441901	1441972	+	2	72	GTG	TGA	0	0
mORF_+_1441973	1441973	1441981	+	2	9	GTG	TGA	0	0
mORF_+_1442021	1442021	1442038	+	2	18	TTG	TAA	0	0
mORF_+_1442075	1442075	1442128	+	2	54	GTG	TAA	0	0
mORF_+_1442129	1442129	1442155	+	2	27	GTG	TGA	0	0
mORF_+_1442159	1442159	1442236	+	2	78	TTG	TAG	0	0
mORF_+_1442240	1442240	1442245	+	2	6	GTG	TAA	0	0
mORF_+_1442258	1442258	1442413	+	2	156	GTG	TGA	0	0
mORF_+_1442376	1442376	1442444	+	3	69	GTG	TGA	0	0
mORF_+_1442414	1442414	1442470	+	2	57	ATG	TGA	0	0
mORF_+_1442445	1442445	1442453	+	3	9	GTG	TGA	0	0
mORF_+_1442564	1442564	1442659	+	2	96	GTG	TAA	0	0
mORF_+_1442672	1442672	1442743	+	2	72	ATG	TAA	0	0
mORF_+_1442744	1442744	1442803	+	2	60	ATG	TGA	0	0
mORF_+_1442784	1442784	1442792	+	3	9	GTG	TAA	0	0
mORF_+_1442852	1442852	1442929	+	2	78	ATG	TGA	0	0
mORF_+_1442939	1442939	1443058	+	2	120	GTG	TGA	0	0
mORF_+_1443111	1443111	1443119	+	3	9	GTG	TGA	0	0
mORF_+_1443143	1443143	1443163	+	2	21	ATG	TAG	0	0
mORF_+_1443203	1443203	1443226	+	2	24	ATG	TGA	0	0
mORF_+_1443296	1443296	1443319	+	2	24	GTG	TGA	0	0
mORF_+_1443312	1443312	1443326	+	3	15	ATG	TGA	0	0
mORF_+_1443323	1443323	1443340	+	2	18	ATG	TGA	0	0
mORF_+_1443330	1443330	1443362	+	3	33	ATG	TAG	0	0
mORF_+_1443344	1443344	1443373	+	2	30	ATG	TGA	0	0
mORF_+_1443401	1443401	1443412	+	2	12	ATG	TAA	0	0
mORF_+_1443545	1443545	1443568	+	2	24	TTG	TAA	0	0
mORF_+_1443584	1443584	1443775	+	2	192	ATG	TGA	0	0
mORF_+_1443606	1443606	1443632	+	3	27	GTG	TAA	0	0
mORF_+_1443642	1443642	1443677	+	3	36	ATG	TGA	0	0
mORF_+_1443696	1443696	1443701	+	3	6	GTG	TGA	0	0
mORF_+_1443711	1443711	1443896	+	3	186	ATG	TGA	0	0
mORF_+_1443754	1443754	1443813	+	1	60	TTG	TGA	0	0
mORF_+_1443823	1443823	1444230	+	1	408	TTG	TAA	0	0
mORF_+_1443924	1443924	1443980	+	3	57	TTG	TGA	0	0
mORF_+_1443926	1443926	1443949	+	2	24	GTG	TAA	0	0
mORF_+_1443956	1443956	1443961	+	2	6	ATG	TAA	0	0
mORF_+_1443977	1443977	1444003	+	2	27	ATG	TAG	0	0
mORF_+_1444004	1444004	1444036	+	2	33	GTG	TGA	0	0
mORF_+_1444043	1444043	1444063	+	2	21	ATG	TAG	0	0
mORF_+_1444076	1444076	1444132	+	2	57	ATG	TAG	0	0
mORF_+_1444133	1444133	1444168	+	2	36	ATG	TAG	0	0
mORF_+_1444190	1444190	1444204	+	2	15	ATG	TAA	0	0
mORF_+_1444212	1444212	1444277	+	3	66	ATG	TGA	0	0
mORF_+_1444274	1444274	1444300	+	2	27	TTG	TGA	0	0
mORF_+_1444297	1444297	1444338	+	1	42	GTG	TGA	0	0
mORF_+_1444323	1444323	1444349	+	3	27	TTG	TAG	0	0
mORF_+_1444342	1444342	1444401	+	1	60	ATG	TAG	0	0
mORF_+_1444371	1444371	1444454	+	3	84	TTG	TAA	0	0
mORF_+_1444447	1444447	1444464	+	1	18	TTG	TGA	0	0
mORF_+_1444461	1444461	1444703	+	3	243	TTG	TAA	0	0
mORF_+_1444468	1444468	1444632	+	1	165	ATG	TGA	0	0
mORF_+_1444502	1444502	1444714	+	2	213	ATG	TGA	0	0
mORF_+_1444711	1444711	1444791	+	1	81	TTG	TAG	0	0
mORF_+_1444818	1444818	1444859	+	3	42	GTG	TGA	0	0
mORF_+_1444832	1444832	1444855	+	2	24	ATG	TGA	0	0
mORF_+_1444852	1444852	1444875	+	1	24	ATG	TAA	0	0
mORF_+_1444868	1444868	1444912	+	2	45	ATG	TGA	0	0
mORF_+_1444909	1444909	1444953	+	1	45	TTG	TAA	0	0

mORF_+_1444937	1444937	1444984	+	2	48	GTG	TAA	0	0	
mORF_+_1444941	1444941	1444967	+	3	27	GTG	TAG	0	0	
mORF_+_1444998	1444998	1445018	+	3	21	GTG	TAA	0	0	
mORF_+_1445064	1445064	1445078	+	3	15	TTG	TAA	0	0	
mORF_+_1445090	1445090	1445095	+	2	6	GTG	TAA	0	0	
mORF_+_1445132	1445132	1445215	+	2	84	GTG	TAA	0	0	
mORF_+_1445157	1445157	1445240	+	3	84	TTG	TAA	0	0	
mORF_+_1445191	1445191	1445394	+	1	204	ATG	TAA	0	0	
mORF_+_1445258	1445258	1445281	+	2	24	TTG	TGA	0	0	
mORF_+_1445306	1445306	1445362	+	2	57	ATG	TAA	0	0	
mORF_+_1445340	1445340	1445372	+	3	33	TTG	TAA	0	0	
mORF_+_1445372	1445372	1445410	+	2	39	ATG	TAG	0	0	
mORF_+_1445398	1445398	1445418	+	1	21	TTG	TAA	0	0	
mORF_+_1445426	1445426	1445530	+	2	105	TTG	TAA	0	0	
mORF_+_1445436	1445436	1445486	+	3	51	TTG	TGA	0	0	
mORF_+_1445493	1445493	1445543	+	3	51	TTG	TGA	0	0	
mORF_+_1445540	1445540	1447042	+	2	1503	GTG	TAA	1	7	pORF_+_1445540
mORF_+_1445556	1445556	1445561	+	3	6	ATG	TAG	0	0	
mORF_+_1445613	1445613	1445720	+	3	108	TTG	TAG	0	0	
mORF_+_1445751	1445751	1445918	+	3	168	TTG	TGA	0	0	
mORF_+_1446033	1446033	1446041	+	3	9	TTG	TAG	0	0	
mORF_+_1446051	1446051	1446074	+	3	24	TTG	TGA	0	0	
mORF_+_1446058	1446058	1446132	+	1	75	ATG	TAA	0	0	
mORF_+_1446078	1446078	1446095	+	3	18	TTG	TGA	0	0	
mORF_+_1446201	1446201	1446254	+	3	54	ATG	TGA	0	0	
mORF_+_1446238	1446238	1446333	+	1	96	ATG	TGA	0	0	
mORF_+_1446267	1446267	1446341	+	3	75	ATG	TAA	0	0	
mORF_+_1446345	1446345	1446350	+	3	6	GTG	TAA	0	0	
mORF_+_1446381	1446381	1446389	+	3	9	TTG	TAA	0	0	
mORF_+_1446393	1446393	1446425	+	3	33	ATG	TGA	0	0	
mORF_+_1446406	1446406	1446417	+	1	12	ATG	TGA	0	0	
mORF_+_1446457	1446457	1446486	+	1	30	ATG	TGA	0	0	
mORF_+_1446483	1446483	1446533	+	3	51	TTG	TAA	0	0	
mORF_+_1446567	1446567	1446656	+	3	90	TTG	TGA	0	0	
mORF_+_1446613	1446613	1446729	+	1	117	GTG	TAA	0	0	
mORF_+_1446669	1446669	1446716	+	3	48	ATG	TAA	0	0	
mORF_+_1446723	1446723	1446740	+	3	18	ATG	TAA	0	0	
mORF_+_1446744	1446744	1446770	+	3	27	GTG	TAA	0	0	
mORF_+_1446789	1446789	1446836	+	3	48	ATG	TAA	0	0	
mORF_+_1446843	1446843	1446914	+	3	72	GTG	TAA	0	0	
mORF_+_1446907	1446907	1446933	+	1	27	GTG	TGA	0	0	
mORF_+_1446930	1446930	1446959	+	3	30	TTG	TGA	0	0	
mORF_+_1446978	1446978	1447058	+	3	81	GTG	TAA	0	0	
mORF_+_1447006	1447006	1447014	+	1	9	TTG	TGA	0	0	
mORF_+_1447027	1447027	1447062	+	1	36	GTG	TAA	0	0	
mORF_+_1447076	1447076	1447126	+	2	51	GTG	TAG	0	0	
mORF_+_1447087	1447087	1447191	+	1	105	TTG	TAA	0	0	
mORF_+_1447169	1447169	1447393	+	2	225	ATG	TAA	0	0	
mORF_+_1447219	1447219	1447311	+	1	93	GTG	TAG	0	0	
mORF_+_1447221	1447221	1447307	+	3	87	GTG	TGA	0	0	
mORF_+_1447326	1447326	1447355	+	3	30	TTG	TGA	0	0	
mORF_+_1447377	1447377	1447400	+	3	24	TTG	TGA	0	0	
mORF_+_1447397	1447397	1447921	+	2	525	ATG	TAA	0	0	
mORF_+_1447435	1447435	1447470	+	1	36	TTG	TAA	0	0	
mORF_+_1447488	1447488	1447586	+	3	99	TTG	TGA	0	0	
mORF_+_1447552	1447552	1447590	+	1	39	GTG	TAA	0	0	
mORF_+_1447596	1447596	1447703	+	3	108	ATG	TAA	0	0	
mORF_+_1447609	1447609	1447719	+	1	111	GTG	TAG	0	0	
mORF_+_1447731	1447731	1447736	+	3	6	TTG	TGA	0	0	
mORF_+_1447746	1447746	1447754	+	3	9	GTG	TAG	0	0	
mORF_+_1447758	1447758	1447883	+	3	126	GTG	TAG	0	0	
mORF_+_1447944	1447944	1447964	+	3	21	TTG	TGA	0	0	
mORF_+_1447964	1447964	1448104	+	2	141	ATG	TGA	0	0	

mORF_+_1448034	1448034	1448039	+	3	6	GTG	TAG	0	0
mORF_+_1448046	1448046	1448126	+	3	81	ATG	TAG	0	0
mORF_+_1448098	1448098	1448151	+	1	54	TTG	TAA	0	0
mORF_+_1448190	1448190	1448246	+	3	57	ATG	TAA	0	0
mORF_+_1448253	1448253	1448294	+	3	42	GTG	TGA	0	0
mORF_+_1448291	1448291	1448476	+	2	186	GTG	TAA	0	0
mORF_+_1448331	1448331	1448339	+	3	9	ATG	TAA	0	0
mORF_+_1448358	1448358	1448519	+	3	162	ATG	TAG	0	0
mORF_+_1448407	1448407	1448457	+	1	51	ATG	TAA	0	0
mORF_+_1448507	1448507	1448899	+	2	393	ATG	TAG	0	0
mORF_+_1448509	1448509	1448547	+	1	39	GTG	TGA	0	0
mORF_+_1448520	1448520	1448543	+	3	24	TTG	TAG	0	0
mORF_+_1448547	1448547	1448600	+	3	54	ATG	TAA	0	0
mORF_+_1448616	1448616	1449005	+	3	390	GTG	TGA	0	0
mORF_+_1448998	1448998	1449060	+	1	63	GTG	TAA	0	0
mORF_+_1449002	1449002	1449316	+	2	315	GTG	TAA	0	0
mORF_+_1449066	1449066	1449128	+	3	63	GTG	TGA	0	0
mORF_+_1449115	1449115	1449135	+	1	21	GTG	TAA	0	0
mORF_+_1449139	1449139	1449186	+	1	48	TTG	TAA	0	0
mORF_+_1449256	1449256	1449528	+	1	273	TTG	TGA	0	0
mORF_+_1449389	1449389	1449406	+	2	18	ATG	TAG	0	0
mORF_+_1449419	1449419	1449553	+	2	135	GTG	TAA	0	0
mORF_+_1449489	1449489	1449584	+	3	96	TTG	TAA	0	0
mORF_+_1449535	1449535	1449558	+	1	24	ATG	TGA	0	0
mORF_+_1449603	1449603	1449668	+	3	66	TTG	TGA	0	0
mORF_+_1449665	1449665	1449700	+	2	36	TTG	TGA	0	0
mORF_+_1449687	1449687	1450067	+	3	381	TTG	TAG	0	0
mORF_+_1449697	1449697	1449849	+	1	153	TTG	TAG	0	0
mORF_+_1449731	1449731	1449784	+	2	54	TTG	TGA	0	0
mORF_+_1449856	1449856	1449978	+	1	123	ATG	TAG	0	0
mORF_+_1449971	1449971	1449994	+	2	24	GTG	TGA	0	0
mORF_+_1450028	1450028	1450141	+	2	114	TTG	TGA	0	0
mORF_+_1450030	1450030	1450095	+	1	66	GTG	TGA	0	0
mORF_+_1450092	1450092	1450208	+	3	117	ATG	TAA	0	0
mORF_+_1450186	1450186	1450191	+	1	6	ATG	TAA	0	0
mORF_+_1450251	1450251	1450532	+	3	282	ATG	TAA	0	0
mORF_+_1450262	1450262	1450312	+	2	51	GTG	TGA	0	0
mORF_+_1450285	1450285	1450320	+	1	36	GTG	TGA	0	0
mORF_+_1450337	1450337	1450354	+	2	18	GTG	TAA	0	0
mORF_+_1450448	1450448	1450735	+	2	288	GTG	TGA	0	0
mORF_+_1450612	1450612	1450683	+	1	72	ATG	TGA	0	0
mORF_+_1450748	1450748	1450765	+	2	18	ATG	TAA	0	0
mORF_+_1450775	1450775	1450831	+	2	57	TTG	TAA	0	0
mORF_+_1450788	1450788	1450970	+	3	183	TTG	TGA	0	0
mORF_+_1450801	1450801	1450851	+	1	51	GTG	TGA	0	0
mORF_+_1450858	1450858	1450941	+	1	84	GTG	TGA	0	0
mORF_+_1450934	1450934	1450978	+	2	45	TTG	TGA	0	0
mORF_+_1450975	1450975	1451007	+	1	33	GTG	TGA	0	0
mORF_+_1451004	1451004	1451081	+	3	78	ATG	TGA	0	0
mORF_+_1451045	1451045	1451119	+	2	75	TTG	TAG	0	0
mORF_+_1451103	1451103	1451225	+	3	123	TTG	TGA	0	0
mORF_+_1451125	1451125	1451340	+	1	216	TTG	TAA	0	0
mORF_+_1451156	1451156	1451197	+	2	42	TTG	TAA	0	0
mORF_+_1451228	1451228	1451344	+	2	117	TTG	TAA	0	0
mORF_+_1451241	1451241	1451273	+	3	33	ATG	TAA	0	0
mORF_+_1451356	1451356	1451421	+	1	66	ATG	TAG	0	0
mORF_+_1451393	1451393	1451452	+	2	60	TTG	TAG	0	0
mORF_+_1451403	1451403	1451576	+	3	174	TTG	TAA	0	0
mORF_+_1451521	1451521	1451601	+	1	81	ATG	TGA	0	0
mORF_+_1451595	1451595	1451645	+	3	51	GTG	TAA	0	0
mORF_+_1451680	1451680	1451709	+	1	30	ATG	TAA	0	0
mORF_+_1451696	1451696	1451770	+	2	75	TTG	TAG	0	0
mORF_+_1451789	1451789	1451797	+	2	9	ATG	TGA	0	0

mORF_+_1451804	1451804	1451914	+	2	111	ATG	TAA	0	0
mORF_+_1451856	1451856	1451861	+	3	6	TTG	TGA	0	0
mORF_+_1451875	1451875	1451901	+	1	27	TTG	TGA	0	0
mORF_+_1451877	1451877	1451882	+	3	6	GTG	TAA	0	0
mORF_+_1451898	1451898	1451918	+	3	21	GTG	TAA	0	0
mORF_+_1451905	1451905	1451940	+	1	36	GTG	TAA	0	0
mORF_+_1451943	1451943	1451954	+	3	12	GTG	TGA	0	0
mORF_+_1451951	1451951	1452880	+	2	930	GTG	TAA	0	0
mORF_+_1451970	1451970	1451984	+	3	15	TTG	TAG	0	0
mORF_+_1452024	1452024	1452044	+	3	21	ATG	TGA	0	0
mORF_+_1452054	1452054	1452257	+	3	204	TTG	TGA	0	0
mORF_+_1452292	1452292	1452300	+	1	9	TTG	TGA	0	0
mORF_+_1452306	1452306	1452398	+	3	93	GTG	TGA	0	0
mORF_+_1452358	1452358	1452441	+	1	84	ATG	TGA	0	0
mORF_+_1452438	1452438	1452527	+	3	90	TTG	TAA	0	0
mORF_+_1452514	1452514	1452549	+	1	36	GTG	TGA	0	0
mORF_+_1452546	1452546	1452665	+	3	120	ATG	TGA	0	0
mORF_+_1452690	1452690	1452752	+	3	63	TTG	TAA	0	0
mORF_+_1452769	1452769	1452774	+	1	6	TTG	TAA	0	0
mORF_+_1452846	1452846	1452899	+	3	54	ATG	TAA	0	0
mORF_+_1452892	1452892	1453179	+	1	288	ATG	TGA	0	0
mORF_+_1452899	1452899	1453057	+	2	159	ATG	TGA	0	0
mORF_+_1453038	1453038	1453067	+	3	30	ATG	TGA	0	0
mORF_+_1453064	1453064	1453228	+	2	165	GTG	TAA	0	0
mORF_+_1453176	1453176	1453934	+	3	759	GTG	TAA	0	0
mORF_+_1453255	1453255	1453326	+	1	72	GTG	TAG	0	0
mORF_+_1453259	1453259	1453360	+	2	102	ATG	TGA	0	0
mORF_+_1453351	1453351	1453365	+	1	15	ATG	TAG	0	0
mORF_+_1453378	1453378	1453521	+	1	144	ATG	TGA	0	0
mORF_+_1453493	1453493	1453534	+	2	42	ATG	TGA	0	0
mORF_+_1453531	1453531	1453725	+	1	195	GTG	TGA	0	0
mORF_+_1453673	1453673	1453714	+	2	42	GTG	TGA	0	0
mORF_+_1453726	1453726	1453812	+	1	87	GTG	TGA	0	0
mORF_+_1453769	1453769	1453849	+	2	81	GTG	TAA	0	0
mORF_+_1453873	1453873	1453989	+	1	117	TTG	TGA	0	0
mORF_+_1453928	1453928	1454446	+	2	519	ATG	TGA	0	0
mORF_+_1453968	1453968	1454039	+	3	72	TTG	TGA	0	0
mORF_+_1453993	1453993	1454049	+	1	57	ATG	TGA	0	0
mORF_+_1454067	1454067	1454072	+	3	6	ATG	TGA	0	0
mORF_+_1454089	1454089	1454160	+	1	72	ATG	TGA	0	0
mORF_+_1454145	1454145	1454168	+	3	24	TTG	TGA	0	0
mORF_+_1454196	1454196	1454237	+	3	42	TTG	TGA	0	0
mORF_+_1454218	1454218	1454253	+	1	36	ATG	TGA	0	0
mORF_+_1454244	1454244	1455524	+	3	1281	ATG	TGA	0	0
mORF_+_1454296	1454296	1454367	+	1	72	TTG	TGA	0	0
mORF_+_1454410	1454410	1454457	+	1	48	TTG	TGA	0	0
mORF_+_1454503	1454503	1454514	+	1	12	GTG	TGA	0	0
mORF_+_1454524	1454524	1454580	+	1	57	TTG	TGA	0	0
mORF_+_1454596	1454596	1454670	+	1	75	TTG	TGA	0	0
mORF_+_1454618	1454618	1454659	+	2	42	TTG	TAG	0	0
mORF_+_1454677	1454677	1454730	+	1	54	TTG	TGA	0	0
mORF_+_1454806	1454806	1454889	+	1	84	TTG	TGA	0	0
mORF_+_1454978	1454978	1455031	+	2	54	GTG	TGA	0	0
mORF_+_1455028	1455028	1455117	+	1	90	TTG	TGA	0	0
mORF_+_1455098	1455098	1455124	+	2	27	TTG	TGA	0	0
mORF_+_1455121	1455121	1455141	+	1	21	ATG	TAA	0	0
mORF_+_1455229	1455229	1455246	+	1	18	GTG	TGA	0	0
mORF_+_1455259	1455259	1455459	+	1	201	ATG	TGA	0	0
mORF_+_1455377	1455377	1455436	+	2	60	ATG	TGA	0	0
mORF_+_1455461	1455461	1455499	+	2	39	TTG	TGA	0	0
mORF_+_1455487	1455487	1455573	+	1	87	ATG	TAA	0	0
mORF_+_1455521	1455521	1456288	+	2	768	ATG	TAA	0	0
mORF_+_1455591	1455591	1455599	+	3	9	ATG	TAA	0	0

mORF_+_1455603	1455603	1455614	+	3	12	ATG	TGA	0	0	
mORF_+_1455627	1455627	1455674	+	3	48	ATG	TGA	0	0	
mORF_+_1455684	1455684	1455752	+	3	69	ATG	TAA	0	0	
mORF_+_1455772	1455772	1455795	+	1	24	ATG	TAA	0	0	
mORF_+_1455819	1455819	1455953	+	3	135	ATG	TAA	0	0	
mORF_+_1455841	1455841	1455960	+	1	120	TTG	TAG	0	0	
mORF_+_1455960	1455960	1455977	+	3	18	GTG	TAG	0	0	
mORF_+_1456182	1456182	1456370	+	3	189	TTG	TAA	0	0	
mORF_+_1456288	1456288	1457076	+	1	789	ATG	TAG	0	0	
mORF_+_1456310	1456310	1456315	+	2	6	ATG	TAG	0	0	
mORF_+_1456370	1456370	1456405	+	2	36	ATG	TGA	0	0	
mORF_+_1456398	1456398	1456487	+	3	90	GTG	TAA	0	0	
mORF_+_1456451	1456451	1456528	+	2	78	GTG	TAG	0	0	
mORF_+_1456538	1456538	1456594	+	2	57	TTG	TGA	0	0	
mORF_+_1456598	1456598	1456705	+	2	108	GTG	TAG	0	0	
mORF_+_1456719	1456719	1456805	+	3	87	TTG	TGA	0	0	
mORF_+_1456724	1456724	1456798	+	2	75	GTG	TGA	0	0	
mORF_+_1456799	1456799	1456828	+	2	30	GTG	TGA	0	0	
mORF_+_1456818	1456818	1456844	+	3	27	ATG	TGA	0	0	
mORF_+_1456838	1456838	1456936	+	2	99	TTG	TAA	0	0	
mORF_+_1456982	1456982	1458505	+	2	1524	GTG	TAA	1	46	pORF_+_1456982
mORF_+_1457088	1457088	1457108	+	3	21	ATG	TGA	0	0	
mORF_+_1457109	1457109	1457201	+	3	93	TTG	TGA	0	0	
mORF_+_1457274	1457274	1457288	+	3	15	GTG	TGA	0	0	
mORF_+_1457343	1457343	1457426	+	3	84	TTG	TGA	0	0	
mORF_+_1457404	1457404	1457433	+	1	30	TTG	TAA	0	0	
mORF_+_1457460	1457460	1457474	+	3	15	TTG	TAA	0	0	
mORF_+_1457487	1457487	1457525	+	3	39	GTG	TGA	0	0	
mORF_+_1457547	1457547	1457594	+	3	48	GTG	TAA	0	0	
mORF_+_1457584	1457584	1457589	+	1	6	GTG	TGA	0	0	
mORF_+_1457602	1457602	1457610	+	1	9	TTG	TAA	0	0	
mORF_+_1457655	1457655	1457723	+	3	69	GTG	TGA	0	0	
mORF_+_1457724	1457724	1457777	+	3	54	TTG	TAA	0	0	
mORF_+_1457787	1457787	1457885	+	3	99	TTG	TGA	0	0	
mORF_+_1457886	1457886	1457972	+	3	87	TTG	TAA	0	0	
mORF_+_1458009	1458009	1458044	+	3	36	GTG	TGA	0	0	
mORF_+_1458045	1458045	1458104	+	3	60	TTG	TAG	0	0	
mORF_+_1458138	1458138	1458155	+	3	18	TTG	TGA	0	0	
mORF_+_1458222	1458222	1458245	+	3	24	TTG	TGA	0	0	
mORF_+_1458247	1458247	1458276	+	1	30	TTG	TGA	0	0	
mORF_+_1458273	1458273	1458347	+	3	75	ATG	TGA	0	0	
mORF_+_1458357	1458357	1458404	+	3	48	ATG	TAA	0	0	
mORF_+_1458411	1458411	1458917	+	3	507	TTG	TGA	0	0	
mORF_+_1458454	1458454	1458498	+	1	45	ATG	TGA	0	0	
mORF_+_1458517	1458517	1458600	+	1	84	ATG	TAG	0	0	
mORF_+_1458644	1458644	1458676	+	2	33	TTG	TGA	0	0	
mORF_+_1458685	1458685	1458777	+	1	93	TTG	TAA	0	0	
mORF_+_1458817	1458817	1458924	+	1	108	GTG	TGA	0	0	
mORF_+_1458917	1458917	1460122	+	2	1206	ATG	TGA	2	4	pORF_+_1458917
mORF_+_1458921	1458921	1459073	+	3	153	GTG	TGA	0	0	
mORF_+_1458934	1458934	1458939	+	1	6	TTG	TGA	0	0	
mORF_+_1459057	1459057	1459068	+	1	12	GTG	TGA	0	0	
mORF_+_1459083	1459083	1459118	+	3	36	GTG	TAG	0	0	
mORF_+_1459155	1459155	1459253	+	3	99	GTG	TGA	0	0	
mORF_+_1459183	1459183	1459230	+	1	48	GTG	TAA	0	0	
mORF_+_1459260	1459260	1459367	+	3	108	GTG	TGA	0	0	
mORF_+_1459389	1459389	1459427	+	3	39	TTG	TAG	0	0	
mORF_+_1459467	1459467	1459547	+	3	81	TTG	TGA	0	0	
mORF_+_1459560	1459560	1459568	+	3	9	GTG	TAA	0	0	
mORF_+_1459581	1459581	1459631	+	3	51	ATG	TAA	0	0	
mORF_+_1459644	1459644	1459658	+	3	15	GTG	TGA	0	0	
mORF_+_1459671	1459671	1459685	+	3	15	ATG	TGA	0	0	
mORF_+_1459686	1459686	1459706	+	3	21	ATG	TGA	0	0	

mORF_+_1459710	1459710	1459745	+	3	36	TTG	TGA	0	0	
mORF_+_1459806	1459806	1459853	+	3	48	TTG	TGA	0	0	
mORF_+_1459875	1459875	1459883	+	3	9	TTG	TGA	0	0	
mORF_+_1459911	1459911	1459982	+	3	72	GTG	TAG	0	0	
mORF_+_1460001	1460001	1460105	+	3	105	GTG	TGA	0	0	
mORF_+_1460065	1460065	1461462	+	1	1398	GTG	TGA	0	0	
mORF_+_1460115	1460115	1460171	+	3	57	GTG	TGA	0	0	
mORF_+_1460168	1460168	1460227	+	2	60	TTG	TGA	0	0	
mORF_+_1460229	1460229	1460252	+	3	24	ATG	TGA	0	0	
mORF_+_1460249	1460249	1460500	+	2	252	ATG	TAG	0	0	
mORF_+_1460513	1460513	1460623	+	2	111	GTG	TGA	0	0	
mORF_+_1460669	1460669	1460689	+	2	21	GTG	TGA	0	0	
mORF_+_1460709	1460709	1460717	+	3	9	TTG	TAA	0	0	
mORF_+_1460723	1460723	1460878	+	2	156	TTG	TGA	0	0	
mORF_+_1460763	1460763	1460795	+	3	33	TTG	TGA	0	0	
mORF_+_1460799	1460799	1460819	+	3	21	GTG	TAA	0	0	
mORF_+_1460901	1460901	1460954	+	3	54	GTG	TGA	0	0	
mORF_+_1460957	1460957	1461025	+	2	69	TTG	TGA	0	0	
mORF_+_1461062	1461062	1461070	+	2	9	GTG	TAA	0	0	
mORF_+_1461134	1461134	1461145	+	2	12	ATG	TGA	0	0	
mORF_+_1461155	1461155	1461160	+	2	6	GTG	TAA	0	0	
mORF_+_1461161	1461161	1461235	+	2	75	ATG	TGA	0	0	
mORF_+_1461251	1461251	1461268	+	2	18	TTG	TGA	0	0	
mORF_+_1461305	1461305	1461379	+	2	75	ATG	TGA	0	0	
mORF_+_1461315	1461315	1461350	+	3	36	TTG	TAA	0	0	
mORF_+_1461392	1461392	1461526	+	2	135	GTG	TGA	0	0	
mORF_+_1461423	1461423	1461437	+	3	15	GTG	TGA	0	0	
mORF_+_1461480	1461480	1461488	+	3	9	GTG	TAA	0	0	
mORF_+_1461523	1461523	1461546	+	1	24	ATG	TAA	0	0	
mORF_+_1461563	1461563	1462513	+	2	951	ATG	TAG	3	17	pORF_+_1461563
mORF_+_1461573	1461573	1461599	+	3	27	TTG	TAA	0	0	
mORF_+_1461615	1461615	1461629	+	3	15	GTG	TGA	0	0	
mORF_+_1461642	1461642	1461833	+	3	192	ATG	TGA	0	0	
mORF_+_1461877	1461877	1461888	+	1	12	ATG	TAA	0	0	
mORF_+_1461882	1461882	1461917	+	3	36	ATG	TAG	0	0	
mORF_+_1461889	1461889	1461921	+	1	33	ATG	TAA	0	0	
mORF_+_1461936	1461936	1461953	+	3	18	ATG	TGA	0	0	
mORF_+_1461966	1461966	1461989	+	3	24	TTG	TGA	0	0	
mORF_+_1462017	1462017	1462061	+	3	45	ATG	TGA	0	0	
mORF_+_1462063	1462063	1462071	+	1	9	TTG	TGA	0	0	
mORF_+_1462068	1462068	1462121	+	3	54	TTG	TAG	0	0	
mORF_+_1462126	1462126	1462143	+	1	18	GTG	TGA	0	0	
mORF_+_1462149	1462149	1462202	+	3	54	ATG	TAA	0	0	
mORF_+_1462275	1462275	1462376	+	3	102	GTG	TAG	0	0	
mORF_+_1462351	1462351	1462401	+	1	51	GTG	TAG	0	0	
mORF_+_1462401	1462401	1462475	+	3	75	GTG	TGA	0	0	
mORF_+_1462479	1462479	1462676	+	3	198	TTG	TAA	0	0	
mORF_+_1462495	1462495	1463085	+	1	591	ATG	TAA	3	17	pORF_+_1462495
mORF_+_1462529	1462529	1462570	+	2	42	TTG	TGA	0	0	
mORF_+_1462577	1462577	1462651	+	2	75	ATG	TGA	0	0	
mORF_+_1462655	1462655	1462717	+	2	63	ATG	TAG	0	0	
mORF_+_1462677	1462677	1462742	+	3	66	TTG	TAG	0	0	
mORF_+_1462724	1462724	1462783	+	2	60	ATG	TAG	0	0	
mORF_+_1462811	1462811	1462819	+	2	9	GTG	TGA	0	0	
mORF_+_1462820	1462820	1462858	+	2	39	TTG	TGA	0	0	
mORF_+_1462892	1462892	1462984	+	2	93	TTG	TGA	0	0	
mORF_+_1462944	1462944	1462967	+	3	24	ATG	TGA	0	0	
mORF_+_1463030	1463030	1463113	+	2	84	TTG	TAA	0	0	
mORF_+_1463089	1463089	1463094	+	1	6	ATG	TAA	0	0	
mORF_+_1463129	1463129	1463188	+	2	60	ATG	TAA	0	0	
mORF_+_1463198	1463198	1463215	+	2	18	ATG	TAA	0	0	
mORF_+_1463206	1463206	1463295	+	1	90	GTG	TAG	0	0	
mORF_+_1463217	1463217	1463222	+	3	6	TTG	TAA	0	0	

mORF_+_1463253	1463253	1463282	+	3	30	ATG	TAA	0	0	
mORF_+_1463283	1463283	1463288	+	3	6	TTG	TGA	0	0	
mORF_+_1463285	1463285	1463317	+	2	33	GTG	TAA	0	0	
mORF_+_1463302	1463302	1463313	+	1	12	ATG	TAG	0	0	
mORF_+_1463334	1463334	1463363	+	3	30	TTG	TAA	0	0	
mORF_+_1463338	1463338	1463355	+	1	18	ATG	TAA	0	0	
mORF_+_1463364	1463364	1463513	+	3	150	TTG	TGA	0	0	
mORF_+_1463416	1463416	1465974	+	1	2559	ATG	TAA	1	2	pORF_+_1463416
mORF_+_1463447	1463447	1463455	+	2	9	TTG	TAG	0	0	
mORF_+_1463462	1463462	1463497	+	2	36	GTG	TAG	0	0	
mORF_+_1463510	1463510	1463533	+	2	24	GTG	TGA	0	0	
mORF_+_1463535	1463535	1463576	+	3	42	TTG	TAA	0	0	
mORF_+_1463592	1463592	1463690	+	3	99	ATG	TGA	0	0	
mORF_+_1463687	1463687	1463791	+	2	105	ATG	TAA	0	0	
mORF_+_1463807	1463807	1463881	+	2	75	ATG	TAA	0	0	
mORF_+_1463915	1463915	1464019	+	2	105	ATG	TGA	0	0	
mORF_+_1463973	1463973	1463984	+	3	12	TTG	TGA	0	0	
mORF_+_1464026	1464026	1464094	+	2	69	ATG	TAA	0	0	
mORF_+_1464039	1464039	1464050	+	3	12	GTG	TAA	0	0	
mORF_+_1464101	1464101	1464169	+	2	69	ATG	TGA	0	0	
mORF_+_1464188	1464188	1464259	+	2	72	ATG	TGA	0	0	
mORF_+_1464299	1464299	1464553	+	2	255	GTG	TGA	0	0	
mORF_+_1464587	1464587	1464757	+	2	171	TTG	TGA	0	0	
mORF_+_1464776	1464776	1464847	+	2	72	ATG	TGA	0	0	
mORF_+_1464881	1464881	1465051	+	2	171	TTG	TAA	0	0	
mORF_+_1465058	1465058	1465069	+	2	12	ATG	TGA	0	0	
mORF_+_1465082	1465082	1465315	+	2	234	GTG	TAG	1	2	pORF_+_1465082
mORF_+_1465322	1465322	1465342	+	2	21	ATG	TGA	0	0	
mORF_+_1465406	1465406	1465420	+	2	15	ATG	TGA	0	0	
mORF_+_1465442	1465442	1465531	+	2	90	TTG	TGA	0	0	
mORF_+_1465538	1465538	1465549	+	2	12	ATG	TAA	0	0	
mORF_+_1465553	1465553	1465633	+	2	81	TTG	TGA	0	0	
mORF_+_1465634	1465634	1465660	+	2	27	TTG	TGA	0	0	
mORF_+_1465661	1465661	1465678	+	2	18	ATG	TGA	0	0	
mORF_+_1465679	1465679	1465786	+	2	108	TTG	TGA	0	0	
mORF_+_1465787	1465787	1465888	+	2	102	ATG	TAA	0	0	
mORF_+_1465901	1465901	1466020	+	2	120	TTG	TAA	0	0	
mORF_+_1466007	1466007	1466111	+	3	105	GTG	TGA	0	0	
mORF_+_1466032	1466032	1466091	+	1	60	ATG	TAA	0	0	
mORF_+_1466102	1466102	1466122	+	2	21	TTG	TAG	0	0	
mORF_+_1466186	1466186	1466245	+	2	60	GTG	TAG	0	0	
mORF_+_1466226	1466226	1466237	+	3	12	GTG	TAG	0	0	
mORF_+_1466247	1466247	1466327	+	3	81	ATG	TGA	0	0	
mORF_+_1466294	1466294	1466473	+	2	180	TTG	TGA	0	0	
mORF_+_1466374	1466374	1466805	+	1	432	GTG	TAA	0	0	
mORF_+_1466379	1466379	1466414	+	3	36	GTG	TGA	0	0	
mORF_+_1466474	1466474	1466575	+	2	102	TTG	TAA	0	0	
mORF_+_1466505	1466505	1466567	+	3	63	GTG	TGA	0	0	
mORF_+_1466582	1466582	1466650	+	2	69	TTG	TAA	0	0	
mORF_+_1466658	1466658	1466675	+	3	18	TTG	TAA	0	0	
mORF_+_1466711	1466711	1466716	+	2	6	GTG	TGA	0	0	
mORF_+_1466759	1466759	1466884	+	2	126	ATG	TGA	0	0	
mORF_+_1466838	1466838	1467038	+	3	201	GTG	TAA	0	0	
mORF_+_1466881	1466881	1467108	+	1	228	TTG	TGA	0	0	
mORF_+_1467057	1467057	1467161	+	3	105	ATG	TAA	0	0	
mORF_+_1467113	1467113	1467187	+	2	75	TTG	TGA	0	0	
mORF_+_1467130	1467130	1467288	+	1	159	GTG	TGA	0	0	
mORF_+_1467227	1467227	1467265	+	2	39	GTG	TAA	0	0	
mORF_+_1467237	1467237	1467425	+	3	189	TTG	TGA	0	0	
mORF_+_1467319	1467319	1467324	+	1	6	TTG	TAG	0	0	
mORF_+_1467331	1467331	1467354	+	1	24	TTG	TGA	0	0	
mORF_+_1467359	1467359	1467385	+	2	27	ATG	TGA	0	0	
mORF_+_1467382	1467382	1468533	+	1	1152	ATG	TGA	0	0	

mORF_+_1467422	1467422	1467460	+	2	39	TTG	TAG	0	0
mORF_+_1467429	1467429	1467455	+	3	27	ATG	TGA	0	0
mORF_+_1467530	1467530	1467550	+	2	21	ATG	TAG	0	0
mORF_+_1467614	1467614	1467622	+	2	9	GTG	TAG	0	0
mORF_+_1467659	1467659	1467805	+	2	147	GTG	TGA	0	0
mORF_+_1467747	1467747	1467881	+	3	135	GTG	TGA	0	0
mORF_+_1467914	1467914	1467934	+	2	21	GTG	TGA	0	0
mORF_+_1467971	1467971	1468018	+	2	48	ATG	TAG	0	0
mORF_+_1468080	1468080	1468166	+	3	87	TTG	TAG	0	0
mORF_+_1468130	1468130	1468135	+	2	6	TTG	TAG	0	0
mORF_+_1468254	1468254	1468313	+	3	60	ATG	TAA	0	0
mORF_+_1468341	1468341	1468361	+	3	21	TTG	TGA	0	0
mORF_+_1468358	1468358	1468378	+	2	21	ATG	TAA	0	0
mORF_+_1468404	1468404	1468430	+	3	27	ATG	TGA	0	0
mORF_+_1468409	1468409	1468435	+	2	27	TTG	TAG	0	0
mORF_+_1468442	1468442	1468456	+	2	15	TTG	TAA	0	0
mORF_+_1468505	1468505	1468525	+	2	21	TTG	TGA	0	0
mORF_+_1468530	1468530	1468547	+	3	18	TTG	TGA	0	0
mORF_+_1468544	1468544	1468561	+	2	18	TTG	TAG	0	0
mORF_+_1468565	1468565	1468600	+	2	36	TTG	TAA	0	0
mORF_+_1468604	1468604	1468717	+	2	114	GTG	TGA	0	0
mORF_+_1468714	1468714	1472037	+	1	3324	GTG	TAA	0	0
mORF_+_1468784	1468784	1468798	+	2	15	ATG	TAA	0	0
mORF_+_1468853	1468853	1468894	+	2	42	TTG	TAG	0	0
mORF_+_1468941	1468941	1468958	+	3	18	GTG	TGA	0	0
mORF_+_1468949	1468949	1468981	+	2	33	ATG	TAG	0	0
mORF_+_1468997	1468997	1469089	+	2	93	TTG	TAA	0	0
mORF_+_1469123	1469123	1469215	+	2	93	ATG	TAG	0	0
mORF_+_1469228	1469228	1469404	+	2	177	ATG	TGA	0	0
mORF_+_1469355	1469355	1469372	+	3	18	GTG	TGA	0	0
mORF_+_1469414	1469414	1469449	+	2	36	GTG	TAA	0	0
mORF_+_1469492	1469492	1469584	+	2	93	ATG	TAG	0	0
mORF_+_1469591	1469591	1469626	+	2	36	TTG	TGA	0	0
mORF_+_1469642	1469642	1469680	+	2	39	ATG	TGA	0	0
mORF_+_1469699	1469699	1469722	+	2	24	ATG	TAG	0	0
mORF_+_1469780	1469780	1469791	+	2	12	GTG	TAA	0	0
mORF_+_1469855	1469855	1469866	+	2	12	GTG	TGA	0	0
mORF_+_1469918	1469918	1470055	+	2	138	GTG	TGA	0	0
mORF_+_1470093	1470093	1470122	+	3	30	GTG	TGA	0	0
mORF_+_1470104	1470104	1470157	+	2	54	ATG	TAG	0	0
mORF_+_1470170	1470170	1470250	+	2	81	ATG	TGA	0	0
mORF_+_1470272	1470272	1470295	+	2	24	TTG	TGA	0	0
mORF_+_1470311	1470311	1470403	+	2	93	GTG	TGA	0	0
mORF_+_1470419	1470419	1470445	+	2	27	ATG	TAA	0	0
mORF_+_1470479	1470479	1470514	+	2	36	ATG	TAG	0	0
mORF_+_1470518	1470518	1470544	+	2	27	ATG	TGA	0	0
mORF_+_1470545	1470545	1470574	+	2	30	TTG	TGA	0	0
mORF_+_1470596	1470596	1470610	+	2	15	ATG	TGA	0	0
mORF_+_1470644	1470644	1470694	+	2	51	ATG	TAA	0	0
mORF_+_1470704	1470704	1470727	+	2	24	GTG	TGA	0	0
mORF_+_1470743	1470743	1470784	+	2	42	ATG	TGA	0	0
mORF_+_1470794	1470794	1470805	+	2	12	ATG	TGA	0	0
mORF_+_1470863	1470863	1470874	+	2	12	TTG	TAG	0	0
mORF_+_1470927	1470927	1470962	+	3	36	ATG	TAA	0	0
mORF_+_1470950	1470950	1470979	+	2	30	ATG	TGA	0	0
mORF_+_1470986	1470986	1471021	+	2	36	ATG	TGA	0	0
mORF_+_1471022	1471022	1471081	+	2	60	ATG	TGA	0	0
mORF_+_1471109	1471109	1471117	+	2	9	GTG	TGA	0	0
mORF_+_1471196	1471196	1471267	+	2	72	ATG	TAG	0	0
mORF_+_1471364	1471364	1471432	+	2	69	ATG	TGA	0	0
mORF_+_1471499	1471499	1471558	+	2	60	TTG	TGA	0	0
mORF_+_1471634	1471634	1471645	+	2	12	ATG	TAA	0	0
mORF_+_1471667	1471667	1471705	+	2	39	GTG	TGA	0	0

mORF_+_1471715	1471715	1471753	+	2	39	GTG	TGA	0	0	
mORF_+_1471883	1471883	1471918	+	2	36	ATG	TGA	0	0	
mORF_+_1471967	1471967	1472011	+	2	45	ATG	TGA	0	0	
mORF_+_1472046	1472046	1472051	+	3	6	ATG	TGA	0	0	
mORF_+_1472048	1472048	1472071	+	2	24	GTG	TGA	0	0	
mORF_+_1472078	1472078	1472143	+	2	66	TTG	TAG	0	0	
mORF_+_1472092	1472092	1472160	+	1	69	TTG	TAA	0	0	
mORF_+_1472118	1472118	1472285	+	3	168	TTG	TAA	0	0	
mORF_+_1472240	1472240	1472248	+	2	9	GTG	TGA	0	0	
mORF_+_1472245	1472245	1473105	+	1	861	ATG	TAA	17	99	pORF_+_1472245
mORF_+_1472291	1472291	1472362	+	2	72	TTG	TAA	0	0	
mORF_+_1472372	1472372	1472482	+	2	111	GTG	TGA	0	0	
mORF_+_1472486	1472486	1472629	+	2	144	TTG	TGA	0	0	
mORF_+_1472636	1472636	1472677	+	2	42	ATG	TGA	0	0	
mORF_+_1472720	1472720	1472728	+	2	9	TTG	TGA	0	0	
mORF_+_1472750	1472750	1472830	+	2	81	TTG	TGA	0	0	
mORF_+_1472831	1472831	1472998	+	2	168	TTG	TGA	0	0	
mORF_+_1472964	1472964	1473047	+	3	84	GTG	TGA	0	0	
mORF_+_1473017	1473017	1473268	+	2	252	TTG	TGA	0	0	
mORF_+_1473126	1473126	1473152	+	3	27	ATG	TAA	0	0	
mORF_+_1473157	1473157	1473174	+	1	18	ATG	TGA	0	0	
mORF_+_1473162	1473162	1475474	+	3	2313	GTG	TGA	2	0	pORF_+_1473162
mORF_+_1473250	1473250	1473342	+	1	93	GTG	TGA	0	0	
mORF_+_1473346	1473346	1473399	+	1	54	TTG	TAG	0	0	
mORF_+_1473436	1473436	1473453	+	1	18	TTG	TGA	0	0	
mORF_+_1473494	1473494	1473511	+	2	18	ATG	TAA	0	0	
mORF_+_1473532	1473532	1473552	+	1	21	TTG	TAA	0	0	
mORF_+_1473568	1473568	1473663	+	1	96	ATG	TAA	0	0	
mORF_+_1473664	1473664	1473753	+	1	90	TTG	TGA	0	0	
mORF_+_1473769	1473769	1473789	+	1	21	ATG	TAA	0	0	
mORF_+_1473779	1473779	1473793	+	2	15	TTG	TAA	0	0	
mORF_+_1473793	1473793	1473810	+	1	18	ATG	TGA	0	0	
mORF_+_1473850	1473850	1473867	+	1	18	ATG	TGA	0	0	
mORF_+_1473931	1473931	1473990	+	1	60	ATG	TAA	0	0	
mORF_+_1474054	1474054	1474116	+	1	63	ATG	TGA	0	0	
mORF_+_1474144	1474144	1474188	+	1	45	TTG	TAA	0	0	
mORF_+_1474213	1474213	1474230	+	1	18	ATG	TGA	0	0	
mORF_+_1474234	1474234	1474272	+	1	39	TTG	TGA	0	0	
mORF_+_1474289	1474289	1474318	+	2	30	TTG	TAA	0	0	
mORF_+_1474321	1474321	1474470	+	1	150	ATG	TAG	0	0	
mORF_+_1474325	1474325	1474339	+	2	15	GTG	TGA	0	0	
mORF_+_1474498	1474498	1474518	+	1	21	ATG	TGA	0	0	
mORF_+_1474531	1474531	1474584	+	1	54	GTG	TAA	0	0	
mORF_+_1474588	1474588	1474602	+	1	15	GTG	TAG	0	0	
mORF_+_1474630	1474630	1474689	+	1	60	TTG	TAA	0	0	
mORF_+_1474667	1474667	1474699	+	2	33	TTG	TGA	0	0	
mORF_+_1474745	1474745	1474753	+	2	9	GTG	TAA	0	0	
mORF_+_1474799	1474799	1474831	+	2	33	TTG	TAA	0	0	
mORF_+_1474807	1474807	1474875	+	1	69	GTG	TGA	0	0	
mORF_+_1474906	1474906	1474926	+	1	21	TTG	TAA	0	0	
mORF_+_1474927	1474927	1474941	+	1	15	ATG	TGA	0	0	
mORF_+_1474972	1474972	1474980	+	1	9	GTG	TAA	0	0	
mORF_+_1474985	1474985	1474993	+	2	9	TTG	TAA	0	0	
mORF_+_1475005	1475005	1475067	+	1	63	TTG	TGA	0	0	
mORF_+_1475048	1475048	1475098	+	2	51	TTG	TGA	0	0	
mORF_+_1475086	1475086	1475127	+	1	42	GTG	TAG	0	0	
mORF_+_1475134	1475134	1475142	+	1	9	ATG	TAG	0	0	
mORF_+_1475152	1475152	1475304	+	1	153	ATG	TGA	0	0	
mORF_+_1475180	1475180	1475236	+	2	57	ATG	TAA	0	0	
mORF_+_1475285	1475285	1475308	+	2	24	GTG	TAA	0	0	
mORF_+_1475323	1475323	1475334	+	1	12	TTG	TAA	0	0	
mORF_+_1475350	1475350	1475370	+	1	21	GTG	TAG	0	0	
mORF_+_1475374	1475374	1475397	+	1	24	TTG	TAG	0	0	

mORF_+_1475458	1475458	1475496	+	1	39	TTG	TAA	0	0	
mORF_+_1475471	1475471	1475518	+	2	48	TTG	TAA	0	0	
mORF_+_1475509	1475509	1475550	+	1	42	TTG	TGA	0	0	
mORF_+_1475531	1475531	1475560	+	2	30	GTG	TGA	0	0	
mORF_+_1475547	1475547	1475642	+	3	96	TTG	TGA	0	0	
mORF_+_1475578	1475578	1475607	+	1	30	GTG	TGA	0	0	
mORF_+_1475639	1475639	1476250	+	2	612	TTG	TAA	0	0	
mORF_+_1475701	1475701	1475712	+	1	12	TTG	TAA	0	0	
mORF_+_1475742	1475742	1475783	+	3	42	TTG	TGA	0	0	
mORF_+_1475850	1475850	1475912	+	3	63	ATG	TGA	0	0	
mORF_+_1475878	1475878	1475916	+	1	39	GTG	TGA	0	0	
mORF_+_1475913	1475913	1475993	+	3	81	ATG	TGA	0	0	
mORF_+_1476007	1476007	1476054	+	1	48	TTG	TAA	0	0	
mORF_+_1476057	1476057	1476104	+	3	48	GTG	TAA	0	0	
mORF_+_1476108	1476108	1476236	+	3	129	TTG	TGA	0	0	
mORF_+_1476115	1476115	1476162	+	1	48	GTG	TAA	0	0	
mORF_+_1476169	1476169	1476210	+	1	42	ATG	TAA	0	0	
mORF_+_1476214	1476214	1476243	+	1	30	TTG	TGA	0	0	
mORF_+_1476250	1476250	1477146	+	1	897	ATG	TGA	0	0	
mORF_+_1476321	1476321	1476350	+	3	30	ATG	TGA	0	0	
mORF_+_1476347	1476347	1476406	+	2	60	GTG	TGA	0	0	
mORF_+_1476375	1476375	1476530	+	3	156	GTG	TAA	0	0	
mORF_+_1476440	1476440	1476448	+	2	9	TTG	TGA	0	0	
mORF_+_1476552	1476552	1476560	+	3	9	TTG	TGA	0	0	
mORF_+_1476557	1476557	1476598	+	2	42	TTG	TGA	0	0	
mORF_+_1476626	1476626	1476655	+	2	30	GTG	TGA	0	0	
mORF_+_1476666	1476666	1476845	+	3	180	TTG	TAA	0	0	
mORF_+_1476701	1476701	1476718	+	2	18	ATG	TAA	0	0	
mORF_+_1476794	1476794	1476877	+	2	84	TTG	TGA	0	0	
mORF_+_1476902	1476902	1476913	+	2	12	TTG	TGA	0	0	
mORF_+_1476974	1476974	1477006	+	2	33	TTG	TGA	0	0	
mORF_+_1476990	1476990	1477037	+	3	48	TTG	TAA	0	0	
mORF_+_1477028	1477028	1477096	+	2	69	TTG	TAA	0	0	
mORF_+_1477162	1477162	1478919	+	1	1758	ATG	TGA	0	0	
mORF_+_1477205	1477205	1477492	+	2	288	GTG	TAG	1	3	pORF_+_1477205
mORF_+_1477523	1477523	1477675	+	2	153	TTG	TGA	0	0	
mORF_+_1477530	1477530	1477541	+	3	12	ATG	TGA	0	0	
mORF_+_1477632	1477632	1477664	+	3	33	ATG	TAA	0	0	
mORF_+_1477724	1477724	1477735	+	2	12	ATG	TGA	0	0	
mORF_+_1477748	1477748	1477837	+	2	90	TTG	TGA	0	0	
mORF_+_1477847	1477847	1477909	+	2	63	ATG	TGA	0	0	
mORF_+_1477952	1477952	1478122	+	2	171	GTG	TAG	0	0	
mORF_+_1478073	1478073	1478117	+	3	45	ATG	TGA	0	0	
mORF_+_1478201	1478201	1478272	+	2	72	TTG	TAG	0	0	
mORF_+_1478294	1478294	1478344	+	2	51	GTG	TGA	0	0	
mORF_+_1478357	1478357	1478383	+	2	27	TTG	TAG	0	0	
mORF_+_1478396	1478396	1478458	+	2	63	TTG	TAA	0	0	
mORF_+_1478474	1478474	1478491	+	2	18	GTG	TAA	0	0	
mORF_+_1478492	1478492	1478515	+	2	24	ATG	TGA	0	0	
mORF_+_1478516	1478516	1478593	+	2	78	TTG	TAA	0	0	
mORF_+_1478615	1478615	1478659	+	2	45	TTG	TAA	0	0	
mORF_+_1478678	1478678	1478749	+	2	72	TTG	TGA	0	0	
mORF_+_1478727	1478727	1478774	+	3	48	GTG	TAA	0	0	
mORF_+_1478750	1478750	1478764	+	2	15	TTG	TAA	0	0	
mORF_+_1478777	1478777	1478794	+	2	18	ATG	TAA	0	0	
mORF_+_1478787	1478787	1478837	+	3	51	GTG	TGA	0	0	
mORF_+_1478834	1478834	1480225	+	2	1392	GTG	TAA	0	0	
mORF_+_1478853	1478853	1478870	+	3	18	ATG	TGA	0	0	
mORF_+_1478874	1478874	1478912	+	3	39	GTG	TGA	0	0	
mORF_+_1478988	1478988	1479200	+	3	213	ATG	TAA	0	0	
mORF_+_1479058	1479058	1479147	+	1	90	TTG	TAG	0	0	
mORF_+_1479261	1479261	1479269	+	3	9	GTG	TGA	0	0	
mORF_+_1479274	1479274	1479294	+	1	21	ATG	TGA	0	0	

mORF_+_1479291	1479291	1479440	+	3	150	TTG	TGA	0	0	
mORF_+_1479355	1479355	1479384	+	1	30	TTG	TGA	0	0	
mORF_+_1479388	1479388	1479396	+	1	9	GTG	TAA	0	0	
mORF_+_1479409	1479409	1479465	+	1	57	ATG	TGA	0	0	
mORF_+_1479462	1479462	1479488	+	3	27	TTG	TAG	0	0	
mORF_+_1479498	1479498	1479566	+	3	69	TTG	TAG	0	0	
mORF_+_1479526	1479526	1479546	+	1	21	TTG	TGA	0	0	
mORF_+_1479576	1479576	1479584	+	3	9	ATG	TAG	0	0	
mORF_+_1479595	1479595	1479729	+	1	135	GTG	TAG	0	0	
mORF_+_1479600	1479600	1479608	+	3	9	TTG	TGA	0	0	
mORF_+_1479681	1479681	1479713	+	3	33	TTG	TAA	0	0	
mORF_+_1479787	1479787	1479912	+	1	126	GTG	TGA	0	0	
mORF_+_1479846	1479846	1479857	+	3	12	GTG	TAG	0	0	
mORF_+_1479888	1479888	1480181	+	3	294	ATG	TGA	1	5	pORF_+_1479888
mORF_+_1479952	1479952	1480125	+	1	174	TTG	TAA	0	0	
mORF_+_1480210	1480210	1480872	+	1	663	ATG	TAA	0	0	
mORF_+_1480226	1480226	1480234	+	2	9	GTG	TGA	0	0	
mORF_+_1480236	1480236	1480388	+	3	153	ATG	TAA	0	0	
mORF_+_1480238	1480238	1480246	+	2	9	GTG	TGA	0	0	
mORF_+_1480271	1480271	1480525	+	2	255	GTG	TAG	0	0	
mORF_+_1480437	1480437	1480472	+	3	36	TTG	TAA	0	0	
mORF_+_1480583	1480583	1480678	+	2	96	ATG	TGA	0	0	
mORF_+_1480602	1480602	1480613	+	3	12	GTG	TAA	0	0	
mORF_+_1480659	1480659	1480772	+	3	114	GTG	TGA	0	0	
mORF_+_1480769	1480769	1480816	+	2	48	GTG	TAA	0	0	
mORF_+_1480853	1480853	1480933	+	2	81	ATG	TGA	0	0	
mORF_+_1480900	1480900	1481010	+	1	111	ATG	TAG	0	0	
mORF_+_1480908	1480908	1480964	+	3	57	ATG	TAG	0	0	
mORF_+_1480983	1480983	1481057	+	3	75	ATG	TAA	0	0	
mORF_+_1481020	1481020	1481046	+	1	27	ATG	TAA	0	0	
mORF_+_1481085	1481085	1484987	+	3	3903	ATG	TAA	29	93	pORF_+_1481085
mORF_+_1481149	1481149	1481187	+	1	39	GTG	TGA	0	0	
mORF_+_1481206	1481206	1481373	+	1	168	ATG	TGA	0	0	
mORF_+_1481509	1481509	1481523	+	1	15	TTG	TGA	0	0	
mORF_+_1481540	1481540	1481581	+	2	42	TTG	TGA	0	0	
mORF_+_1481578	1481578	1481601	+	1	24	GTG	TGA	0	0	
mORF_+_1481671	1481671	1481697	+	1	27	TTG	TGA	0	0	
mORF_+_1481812	1481812	1481931	+	1	120	ATG	TAG	0	0	
mORF_+_1481953	1481953	1481967	+	1	15	ATG	TGA	0	0	
mORF_+_1482007	1482007	1482015	+	1	9	ATG	TGA	0	0	
mORF_+_1482055	1482055	1482150	+	1	96	ATG	TGA	0	0	
mORF_+_1482238	1482238	1482405	+	1	168	TTG	TGA	0	0	
mORF_+_1482442	1482442	1482543	+	1	102	TTG	TGA	0	0	
mORF_+_1482619	1482619	1482642	+	1	24	ATG	TGA	0	0	
mORF_+_1482757	1482757	1482762	+	1	6	TTG	TGA	0	0	
mORF_+_1482767	1482767	1482922	+	2	156	GTG	TAA	0	0	
mORF_+_1482778	1482778	1482900	+	1	123	TTG	TGA	0	0	
mORF_+_1482907	1482907	1482966	+	1	60	TTG	TGA	0	0	
mORF_+_1482997	1482997	1483089	+	1	93	ATG	TAA	0	0	
mORF_+_1483082	1483082	1483186	+	2	105	ATG	TAA	0	0	
mORF_+_1483132	1483132	1483182	+	1	51	TTG	TGA	0	0	
mORF_+_1483258	1483258	1483395	+	1	138	ATG	TGA	0	0	
mORF_+_1483316	1483316	1483324	+	2	9	ATG	TGA	0	0	
mORF_+_1483453	1483453	1483506	+	1	54	TTG	TAA	0	0	
mORF_+_1483532	1483532	1483561	+	2	30	GTG	TGA	0	0	
mORF_+_1483573	1483573	1483590	+	1	18	TTG	TGA	0	0	
mORF_+_1483678	1483678	1483707	+	1	30	TTG	TGA	0	0	
mORF_+_1483741	1483741	1483794	+	1	54	TTG	TGA	0	0	
mORF_+_1483760	1483760	1483807	+	2	48	ATG	TAA	0	0	
mORF_+_1483795	1483795	1483803	+	1	9	TTG	TGA	0	0	
mORF_+_1483837	1483837	1483872	+	1	36	TTG	TAG	0	0	
mORF_+_1483912	1483912	1483935	+	1	24	TTG	TGA	0	0	
mORF_+_1483948	1483948	1483992	+	1	45	TTG	TGA	0	0	

mORF_+_1484014	1484014	1484034	+	1	21	ATG	TAA	0	0	
mORF_+_1484065	1484065	1484073	+	1	9	ATG	TGA	0	0	
mORF_+_1484110	1484110	1484199	+	1	90	ATG	TGA	0	0	
mORF_+_1484204	1484204	1484224	+	2	21	GTG	TGA	0	0	
mORF_+_1484221	1484221	1484313	+	1	93	ATG	TGA	0	0	
mORF_+_1484282	1484282	1484344	+	2	63	GTG	TGA	0	0	
mORF_+_1484341	1484341	1484409	+	1	69	ATG	TGA	0	0	
mORF_+_1484431	1484431	1484445	+	1	15	GTG	TGA	0	0	
mORF_+_1484455	1484455	1484520	+	1	66	ATG	TGA	0	0	
mORF_+_1484539	1484539	1484595	+	1	57	TTG	TGA	0	0	
mORF_+_1484674	1484674	1484790	+	1	117	TTG	TGA	0	0	
mORF_+_1484813	1484813	1484854	+	2	42	GTG	TGA	0	0	
mORF_+_1484851	1484851	1484868	+	1	18	GTG	TGA	0	0	
mORF_+_1484879	1484879	1484905	+	2	27	TTG	TAG	0	0	
mORF_+_1484923	1484923	1485063	+	1	141	TTG	TAA	0	0	
mORF_+_1484997	1484997	1485023	+	3	27	TTG	TAA	0	0	
mORF_+_1485110	1485110	1485238	+	2	129	ATG	TAA	0	0	
mORF_+_1485117	1485117	1485173	+	3	57	ATG	TAA	0	0	
mORF_+_1485163	1485163	1485249	+	1	87	GTG	TAA	0	0	
mORF_+_1485259	1485259	1486059	+	1	801	ATG	TAA	23	82	pORF_+_1485259
mORF_+_1485302	1485302	1485310	+	2	9	ATG	TAA	0	0	
mORF_+_1485311	1485311	1485379	+	2	69	ATG	TGA	0	0	
mORF_+_1485324	1485324	1485341	+	3	18	GTG	TGA	0	0	
mORF_+_1485372	1485372	1485425	+	3	54	TTG	TAA	0	0	
mORF_+_1485383	1485383	1485457	+	2	75	TTG	TGA	0	0	
mORF_+_1485461	1485461	1485670	+	2	210	GTG	TGA	0	0	
mORF_+_1485704	1485704	1485757	+	2	54	TTG	TGA	0	0	
mORF_+_1485773	1485773	1485790	+	2	18	ATG	TAA	0	0	
mORF_+_1485833	1485833	1485838	+	2	6	GTG	TAA	0	0	
mORF_+_1485864	1485864	1485875	+	3	12	ATG	TGA	0	0	
mORF_+_1485872	1485872	1486009	+	2	138	TTG	TGA	0	0	
mORF_+_1485996	1485996	1486016	+	3	21	ATG	TGA	0	0	
mORF_+_1486013	1486013	1486108	+	2	96	ATG	TGA	0	0	
mORF_+_1486063	1486063	1486101	+	1	39	TTG	TGA	0	0	
mORF_+_1486071	1486071	1486076	+	3	6	TTG	TGA	0	0	
mORF_+_1486086	1486086	1486151	+	3	66	TTG	TGA	0	0	
mORF_+_1486148	1486148	1486210	+	2	63	ATG	TAA	0	0	
mORF_+_1486197	1486197	1486337	+	3	141	TTG	TAA	0	0	
mORF_+_1486213	1486213	1486239	+	1	27	ATG	TAA	0	0	
mORF_+_1486256	1486256	1487695	+	2	1440	ATG	TAA	116	2054	pORF_+_1486256
mORF_+_1486321	1486321	1486329	+	1	9	ATG	TGA	0	0	
mORF_+_1486374	1486374	1486523	+	3	150	ATG	TGA	0	0	
mORF_+_1486432	1486432	1486455	+	1	24	ATG	TGA	0	0	
mORF_+_1486465	1486465	1486509	+	1	45	TTG	TGA	0	0	
mORF_+_1486524	1486524	1486691	+	3	168	TTG	TGA	0	0	
mORF_+_1486606	1486606	1486674	+	1	69	GTG	TAA	0	0	
mORF_+_1486708	1486708	1486767	+	1	60	GTG	TAA	0	0	
mORF_+_1486731	1486731	1486760	+	3	30	TTG	TGA	0	0	
mORF_+_1486788	1486788	1486841	+	3	54	GTG	TAG	0	0	
mORF_+_1486866	1486866	1486937	+	3	72	TTG	TGA	0	0	
mORF_+_1486956	1486956	1487036	+	3	81	GTG	TAA	0	0	
mORF_+_1486999	1486999	1487019	+	1	21	GTG	TAA	0	0	
mORF_+_1487043	1487043	1487240	+	3	198	ATG	TGA	0	0	
mORF_+_1487107	1487107	1487112	+	1	6	GTG	TAA	0	0	
mORF_+_1487316	1487316	1487330	+	3	15	GTG	TAG	0	0	
mORF_+_1487370	1487370	1487489	+	3	120	ATG	TGA	0	0	
mORF_+_1487550	1487550	1487702	+	3	153	TTG	TGA	0	0	
mORF_+_1487608	1487608	1487616	+	1	9	ATG	TAA	0	0	
mORF_+_1487695	1487695	1487829	+	1	135	ATG	TAA	0	0	
mORF_+_1487699	1487699	1487926	+	2	228	GTG	TAA	0	0	
mORF_+_1487730	1487730	1487747	+	3	18	GTG	TAG	0	0	
mORF_+_1487775	1487775	1487780	+	3	6	GTG	TGA	0	0	
mORF_+_1487854	1487854	1487934	+	1	81	TTG	TGA	0	0	

mORF+_1487931	1487931	1487960	+	3	30	ATG	TAA	0	0	
mORF+_1487942	1487942	1488019	+	2	78	TTG	TGA	0	0	
mORF+_1487953	1487953	1488054	+	1	102	TTG	TGA	0	0	
mORF+_1487961	1487961	1488149	+	3	189	GTG	TGA	0	0	
mORF+_1488064	1488064	1488204	+	1	141	TTG	TAG	0	0	
mORF+_1488101	1488101	1488115	+	2	15	TTG	TAG	0	0	
mORF+_1488146	1488146	1488283	+	2	138	GTG	TAG	0	0	
mORF+_1488207	1488207	1488293	+	3	87	ATG	TGA	0	0	
mORF+_1488211	1488211	1488348	+	1	138	ATG	TAA	0	0	
mORF+_1488290	1488290	1488340	+	2	51	ATG	TGA	0	0	
mORF+_1488411	1488411	1488548	+	3	138	ATG	TGA	0	0	
mORF+_1488460	1488460	1488516	+	1	57	ATG	TAA	0	0	
mORF+_1488545	1488545	1488559	+	2	15	GTG	TAA	0	0	
mORF+_1488578	1488578	1488634	+	2	57	ATG	TGA	0	0	
mORF+_1488597	1488597	1488680	+	3	84	ATG	TAA	0	0	
mORF+_1488631	1488631	1488774	+	1	144	GTG	TGA	0	0	
mORF+_1488764	1488764	1488790	+	2	27	ATG	TAG	0	0	
mORF+_1488771	1488771	1488830	+	3	60	TTG	TGA	0	0	
mORF+_1488797	1488797	1488877	+	2	81	ATG	TGA	0	0	
mORF+_1488805	1488805	1488837	+	1	33	ATG	TAA	0	0	
mORF+_1488852	1488852	1488866	+	3	15	GTG	TAA	0	0	
mORF+_1488874	1488874	1488912	+	1	39	TTG	TAA	0	0	
mORF+_1488890	1488890	1489456	+	2	567	ATG	TGA	0	0	
mORF+_1488906	1488906	1489055	+	3	150	ATG	TGA	0	0	
mORF+_1488997	1488997	1489032	+	1	36	TTG	TAG	0	0	
mORF+_1489059	1489059	1489091	+	3	33	ATG	TGA	0	0	
mORF+_1489209	1489209	1489223	+	3	15	TTG	TGA	0	0	
mORF+_1489224	1489224	1489235	+	3	12	TTG	TGA	0	0	
mORF+_1489258	1489258	1489320	+	1	63	GTG	TAG	0	0	
mORF+_1489263	1489263	1489277	+	3	15	TTG	TGA	0	0	
mORF+_1489330	1489330	1489338	+	1	9	GTG	TGA	0	0	
mORF+_1489335	1489335	1489436	+	3	102	ATG	TGA	0	0	
mORF+_1489495	1489495	1489554	+	1	60	GTG	TGA	0	0	
mORF+_1489547	1489547	1489561	+	2	15	TTG	TAA	0	0	
mORF+_1489551	1489551	1489646	+	3	96	ATG	TAA	0	0	
mORF+_1489573	1489573	1489623	+	1	51	TTG	TGA	0	0	
mORF+_1489690	1489690	1489704	+	1	15	ATG	TGA	0	0	
mORF+_1489701	1489701	1489874	+	3	174	ATG	TGA	0	0	
mORF+_1489738	1489738	1489881	+	1	144	TTG	TAA	0	0	
mORF+_1489862	1489862	1489870	+	2	9	ATG	TAA	0	0	
mORF+_1489887	1489887	1489895	+	3	9	GTG	TGA	0	0	
mORF+_1489892	1489892	1489903	+	2	12	ATG	TGA	0	0	
mORF+_1489900	1489900	1489968	+	1	69	ATG	TGA	0	0	
mORF+_1489917	1489917	1490012	+	3	96	ATG	TAG	0	0	
mORF+_1489940	1489940	1490170	+	2	231	TTG	TGA	0	0	
mORF+_1490032	1490032	1490037	+	1	6	GTG	TGA	0	0	
mORF+_1490034	1490034	1490132	+	3	99	GTG	TAA	0	0	
mORF+_1490038	1490038	1490052	+	1	15	ATG	TAA	0	0	
mORF+_1490107	1490107	1490124	+	1	18	TTG	TAA	0	0	
mORF+_1490157	1490157	1490219	+	3	63	TTG	TGA	0	0	
mORF+_1490167	1490167	1490214	+	1	48	TTG	TAG	0	0	
mORF+_1490253	1490253	1490267	+	3	15	ATG	TAG	0	0	
mORF+_1490293	1490293	1490430	+	1	138	TTG	TAA	0	0	
mORF+_1490297	1490297	1490332	+	2	36	GTG	TAG	0	0	
mORF+_1490382	1490382	1490390	+	3	9	ATG	TAA	0	0	
mORF+_1490391	1490391	1490399	+	3	9	TTG	TAA	0	0	
mORF+_1490402	1490402	1490407	+	2	6	ATG	TGA	0	0	
mORF+_1490421	1490421	1490471	+	3	51	TTG	TAA	0	0	
mORF+_1490494	1490494	1492134	+	1	1641	ATG	TGA	6	20	pORF+_1490494
mORF+_1490555	1490555	1490569	+	2	15	TTG	TAG	0	0	
mORF+_1490645	1490645	1490683	+	2	39	GTG	TAG	0	0	
mORF+_1490750	1490750	1490770	+	2	21	TTG	TGA	0	0	
mORF+_1490780	1490780	1490848	+	2	69	TTG	TGA	0	0	

mORF_+_1490861	1490861	1490884	+	2	24	ATG	TAA	0	0	
mORF_+_1490933	1490933	1491019	+	2	87	ATG	TGA	0	0	
mORF_+_1491092	1491092	1491106	+	2	15	GTG	TGA	0	0	
mORF_+_1491107	1491107	1491136	+	2	30	TTG	TGA	0	0	
mORF_+_1491188	1491188	1491229	+	2	42	ATG	TGA	0	0	
mORF_+_1491236	1491236	1491274	+	2	39	ATG	TAA	0	0	
mORF_+_1491353	1491353	1491466	+	2	114	GTG	TGA	0	0	
mORF_+_1491473	1491473	1491559	+	2	87	ATG	TAG	0	0	
mORF_+_1491629	1491629	1491658	+	2	30	TTG	TGA	0	0	
mORF_+_1491659	1491659	1491778	+	2	120	ATG	TGA	0	0	
mORF_+_1491782	1491782	1491799	+	2	18	GTG	TAA	0	0	
mORF_+_1491800	1491800	1491844	+	2	45	TTG	TGA	0	0	
mORF_+_1491851	1491851	1491928	+	2	78	TTG	TAA	0	0	
mORF_+_1491977	1491977	1491991	+	2	15	ATG	TAG	0	0	
mORF_+_1492019	1492019	1492042	+	2	24	TTG	TAA	0	0	
mORF_+_1492055	1492055	1492186	+	2	132	ATG	TGA	0	0	
mORF_+_1492131	1492131	1492310	+	3	180	GTG	TGA	0	0	
mORF_+_1492183	1492183	1492197	+	1	15	TTG	TAG	0	0	
mORF_+_1492274	1492274	1492384	+	2	111	ATG	TAG	0	0	
mORF_+_1492444	1492444	1492548	+	1	105	ATG	TAG	0	0	
mORF_+_1492454	1492454	1492483	+	2	30	ATG	TGA	0	0	
mORF_+_1492470	1492470	1492532	+	3	63	GTG	TGA	0	0	
mORF_+_1492541	1492541	1492621	+	2	81	GTG	TGA	0	0	
mORF_+_1492632	1492632	1492724	+	3	93	ATG	TGA	0	0	
mORF_+_1492687	1492687	1492740	+	1	54	TTG	TAA	0	0	
mORF_+_1492697	1492697	1492750	+	2	54	TTG	TAA	0	0	
mORF_+_1492759	1492759	1492770	+	1	12	GTG	TAG	0	0	
mORF_+_1492774	1492774	1492788	+	1	15	GTG	TGA	0	0	
mORF_+_1492817	1492817	1492873	+	2	57	ATG	TAA	0	0	
mORF_+_1492836	1492836	1492910	+	3	75	GTG	TGA	0	0	
mORF_+_1492877	1492877	1492891	+	2	15	TTG	TAA	0	0	
mORF_+_1492898	1492898	1493107	+	2	210	TTG	TAA	0	0	
mORF_+_1492960	1492960	1492968	+	1	9	ATG	TAG	0	0	
mORF_+_1493026	1493026	1493076	+	1	51	GTG	TAA	0	0	
mORF_+_1493064	1493064	1493072	+	3	9	ATG	TGA	0	0	
mORF_+_1493101	1493101	1493127	+	1	27	ATG	TGA	0	0	
mORF_+_1493118	1493118	1493144	+	3	27	GTG	TGA	0	0	
mORF_+_1493131	1493131	1493175	+	1	45	GTG	TAA	0	0	
mORF_+_1493141	1493141	1493158	+	2	18	TTG	TGA	0	0	
mORF_+_1493159	1493159	1493182	+	2	24	TTG	TAA	0	0	
mORF_+_1493190	1493190	1493210	+	3	21	ATG	TAA	0	0	
mORF_+_1493203	1493203	1493337	+	1	135	ATG	TGA	0	0	
mORF_+_1493213	1493213	1493245	+	2	33	TTG	TAA	0	0	
mORF_+_1493261	1493261	1493293	+	2	33	GTG	TGA	0	0	
mORF_+_1493265	1493265	1493420	+	3	156	ATG	TAG	0	0	
mORF_+_1493312	1493312	1494655	+	2	1344	ATG	TAA	1	3	pORF_+_1493312
mORF_+_1493424	1493424	1493429	+	3	6	ATG	TGA	0	0	
mORF_+_1493478	1493478	1493501	+	3	24	ATG	TGA	0	0	
mORF_+_1493502	1493502	1493594	+	3	93	ATG	TGA	0	0	
mORF_+_1493652	1493652	1493801	+	3	150	TTG	TAG	0	0	
mORF_+_1493785	1493785	1493811	+	1	27	TTG	TGA	0	0	
mORF_+_1493808	1493808	1493900	+	3	93	ATG	TAG	0	0	
mORF_+_1493901	1493901	1493942	+	3	42	ATG	TGA	0	0	
mORF_+_1493943	1493943	1493987	+	3	45	TTG	TGA	0	0	
mORF_+_1493968	1493968	1494009	+	1	42	ATG	TGA	0	0	
mORF_+_1494006	1494006	1494026	+	3	21	TTG	TGA	0	0	
mORF_+_1494034	1494034	1494045	+	1	12	ATG	TGA	0	0	
mORF_+_1494042	1494042	1494206	+	3	165	TTG	TAA	0	0	
mORF_+_1494228	1494228	1494329	+	3	102	ATG	TAA	0	0	
mORF_+_1494349	1494349	1494381	+	1	33	ATG	TGA	0	0	
mORF_+_1494378	1494378	1494428	+	3	51	GTG	TAA	0	0	
mORF_+_1494429	1494429	1494446	+	3	18	TTG	TAG	0	0	
mORF_+_1494439	1494439	1494468	+	1	30	TTG	TGA	0	0	

mORF_+_1494465	1494465	1494662	+	3	198	ATG	TGA	0	0	
mORF_+_1494580	1494580	1494597	+	1	18	TTG	TGA	0	0	
mORF_+_1494673	1494673	1494690	+	1	18	TTG	TGA	0	0	
mORF_+_1494683	1494683	1494796	+	2	114	TTG	TGA	0	0	
mORF_+_1494732	1494732	1494791	+	3	60	ATG	TAG	0	0	
mORF_+_1494742	1494742	1494777	+	1	36	ATG	TAA	0	0	
mORF_+_1494784	1494784	1494810	+	1	27	TTG	TAA	0	0	
mORF_+_1494819	1494819	1494890	+	3	72	TTG	TAG	0	0	
mORF_+_1494880	1494880	1496535	+	1	1656	ATG	TAA	27	69	pORF_+_1494880
mORF_+_1494927	1494927	1494986	+	3	60	GTG	TGA	0	0	
mORF_+_1494944	1494944	1495051	+	2	108	TTG	TAG	0	0	
mORF_+_1495062	1495062	1495091	+	3	30	GTG	TGA	0	0	
mORF_+_1495067	1495067	1495108	+	2	42	GTG	TGA	0	0	
mORF_+_1495166	1495166	1495243	+	2	78	TTG	TAG	0	0	
mORF_+_1495265	1495265	1495330	+	2	66	GTG	TAG	0	0	
mORF_+_1495352	1495352	1495402	+	2	51	TTG	TAG	0	0	
mORF_+_1495436	1495436	1495546	+	2	111	TTG	TAA	0	0	
mORF_+_1495574	1495574	1495645	+	2	72	ATG	TGA	0	0	
mORF_+_1495626	1495626	1495631	+	3	6	TTG	TGA	0	0	
mORF_+_1495652	1495652	1495711	+	2	60	ATG	TGA	0	0	
mORF_+_1495736	1495736	1495834	+	2	99	ATG	TGA	0	0	
mORF_+_1495749	1495749	1495778	+	3	30	GTG	TGA	0	0	
mORF_+_1495797	1495797	1495838	+	3	42	GTG	TAA	0	0	
mORF_+_1495859	1495859	1496011	+	2	153	ATG	TGA	0	0	
mORF_+_1495965	1495965	1495982	+	3	18	GTG	TAA	0	0	
mORF_+_1495986	1495986	1495994	+	3	9	GTG	TAA	0	0	
mORF_+_1496048	1496048	1496080	+	2	33	TTG	TAA	0	0	
mORF_+_1496087	1496087	1496152	+	2	66	GTG	TAG	0	0	
mORF_+_1496142	1496142	1496213	+	3	72	TTG	TGA	0	0	
mORF_+_1496210	1496210	1496272	+	2	63	GTG	TGA	0	0	
mORF_+_1496229	1496229	1496267	+	3	39	ATG	TGA	0	0	
mORF_+_1496294	1496294	1496305	+	2	12	TTG	TGA	0	0	
mORF_+_1496318	1496318	1496527	+	2	210	GTG	TGA	0	0	
mORF_+_1496439	1496439	1496462	+	3	24	TTG	TGA	0	0	
mORF_+_1496466	1496466	1496501	+	3	36	ATG	TAA	0	0	
mORF_+_1496566	1496566	1496580	+	1	15	GTG	TAA	0	0	
mORF_+_1496614	1496614	1496748	+	1	135	ATG	TAA	0	0	
mORF_+_1496631	1496631	1496699	+	3	69	GTG	TAA	0	0	
mORF_+_1496669	1496669	1496899	+	2	231	GTG	TAA	0	0	
mORF_+_1496760	1496760	1496828	+	3	69	TTG	TGA	0	0	
mORF_+_1496853	1496853	1496909	+	3	57	ATG	TAA	0	0	
mORF_+_1496942	1496942	1496950	+	2	9	ATG	TGA	0	0	
mORF_+_1496947	1496947	1497501	+	1	555	TTG	TAA	3	7	pORF_+_1496947
mORF_+_1496993	1496993	1497043	+	2	51	TTG	TAA	0	0	
mORF_+_1497092	1497092	1497139	+	2	48	TTG	TGA	0	0	
mORF_+_1497158	1497158	1497175	+	2	18	ATG	TGA	0	0	
mORF_+_1497188	1497188	1497232	+	2	45	ATG	TGA	0	0	
mORF_+_1497335	1497335	1497355	+	2	21	GTG	TGA	0	0	
mORF_+_1497360	1497360	1497419	+	3	60	ATG	TGA	0	0	
mORF_+_1497404	1497404	1497430	+	2	27	ATG	TGA	0	0	
mORF_+_1497423	1497423	1497440	+	3	18	TTG	TGA	0	0	
mORF_+_1497449	1497449	1497469	+	2	21	ATG	TGA	0	0	
mORF_+_1497524	1497524	1497565	+	2	42	ATG	TGA	0	0	
mORF_+_1497549	1497549	1497644	+	3	96	TTG	TAA	0	0	
mORF_+_1497562	1497562	1497609	+	1	48	ATG	TAA	0	0	
mORF_+_1497569	1497569	1497730	+	2	162	GTG	TGA	0	0	
mORF_+_1497616	1497616	1497738	+	1	123	ATG	TAA	0	0	
mORF_+_1497758	1497758	1497787	+	2	30	ATG	TAA	0	0	
mORF_+_1497787	1497787	1497864	+	1	78	ATG	TAG	0	0	
mORF_+_1497800	1497800	1497838	+	2	39	ATG	TGA	0	0	
mORF_+_1497872	1497872	1497961	+	2	90	TTG	TAA	0	0	
mORF_+_1497922	1497922	1498044	+	1	123	ATG	TAA	0	0	
mORF_+_1497966	1497966	1497995	+	3	30	GTG	TAA	0	0	

mORF_+_1497999	1497999	1498067	+	3	69	TTG	TAG	0	0	
mORF_+_1498048	1498048	1498083	+	1	36	TTG	TAA	0	0	
mORF_+_1498087	1498087	1498119	+	1	33	GTG	TAA	0	0	
mORF_+_1498119	1498119	1498136	+	3	18	ATG	TGA	0	0	
mORF_+_1498126	1498126	1498317	+	1	192	ATG	TAA	0	0	
mORF_+_1498130	1498130	1498204	+	2	75	ATG	TAA	0	0	
mORF_+_1498152	1498152	1498166	+	3	15	ATG	TGA	0	0	
mORF_+_1498197	1498197	1498235	+	3	39	TTG	TGA	0	0	
mORF_+_1498226	1498226	1498291	+	2	66	GTG	TAA	0	0	
mORF_+_1498311	1498311	1498370	+	3	60	GTG	TAA	0	0	
mORF_+_1498379	1498379	1498429	+	2	51	ATG	TGA	0	0	
mORF_+_1498466	1498466	1498492	+	2	27	TTG	TGA	0	0	
mORF_+_1498489	1498489	1499589	+	1	1101	GTG	TGA	0	0	
mORF_+_1498529	1498529	1498549	+	2	21	ATG	TAA	0	0	
mORF_+_1498551	1498551	1498574	+	3	24	ATG	TAA	0	0	
mORF_+_1498637	1498637	1498660	+	2	24	TTG	TAG	0	0	
mORF_+_1498670	1498670	1498717	+	2	48	TTG	TAG	0	0	
mORF_+_1498695	1498695	1498766	+	3	72	TTG	TAG	0	0	
mORF_+_1498721	1498721	1498732	+	2	12	ATG	TGA	0	0	
mORF_+_1498775	1498775	1498834	+	2	60	TTG	TGA	0	0	
mORF_+_1498841	1498841	1498846	+	2	6	TTG	TGA	0	0	
mORF_+_1498880	1498880	1499104	+	2	225	TTG	TAG	0	0	
mORF_+_1498893	1498893	1498997	+	3	105	GTG	TGA	0	0	
mORF_+_1499121	1499121	1499135	+	3	15	ATG	TGA	0	0	
mORF_+_1499132	1499132	1499143	+	2	12	TTG	TGA	0	0	
mORF_+_1499229	1499229	1499234	+	3	6	TTG	TAG	0	0	
mORF_+_1499234	1499234	1499245	+	2	12	GTG	TGA	0	0	
mORF_+_1499264	1499264	1499329	+	2	66	GTG	TGA	0	0	
mORF_+_1499334	1499334	1499357	+	3	24	ATG	TAA	0	0	
mORF_+_1499357	1499357	1499524	+	2	168	ATG	TGA	0	0	
mORF_+_1499586	1499586	1500179	+	3	594	ATG	TGA	23	71	pORF_+_1499586
mORF_+_1499596	1499596	1499631	+	1	36	GTG	TAA	0	0	
mORF_+_1499701	1499701	1499775	+	1	75	GTG	TGA	0	0	
mORF_+_1499756	1499756	1499764	+	2	9	ATG	TAA	0	0	
mORF_+_1499806	1499806	1499847	+	1	42	TTG	TGA	0	0	
mORF_+_1499860	1499860	1499901	+	1	42	TTG	TGA	0	0	
mORF_+_1499908	1499908	1499934	+	1	27	TTG	TGA	0	0	
mORF_+_1499935	1499935	1499979	+	1	45	TTG	TGA	0	0	
mORF_+_1499951	1499951	1499959	+	2	9	TTG	TAA	0	0	
mORF_+_1499980	1499980	1500084	+	1	105	TTG	TGA	0	0	
mORF_+_1500011	1500011	1500094	+	2	84	ATG	TGA	0	0	
mORF_+_1500091	1500091	1500246	+	1	156	ATG	TAA	0	0	
mORF_+_1500176	1500176	1500187	+	2	12	ATG	TAA	0	0	
mORF_+_1500267	1500267	1500272	+	3	6	ATG	TGA	0	0	
mORF_+_1500269	1500269	1500316	+	2	48	GTG	TGA	0	0	
mORF_+_1500330	1500330	1500449	+	3	120	ATG	TAG	0	0	
mORF_+_1500334	1500334	1500342	+	1	9	TTG	TAG	0	0	
mORF_+_1500436	1500436	1500444	+	1	9	TTG	TAA	0	0	
mORF_+_1500481	1500481	1501149	+	1	669	ATG	TAG	29	256	pORF_+_1500481
mORF_+_1500497	1500497	1500586	+	2	90	TTG	TAA	0	0	
mORF_+_1500516	1500516	1500551	+	3	36	ATG	TAA	0	0	
mORF_+_1500642	1500642	1500662	+	3	21	TTG	TGA	0	0	
mORF_+_1500659	1500659	1500736	+	2	78	TTG	TAG	0	0	
mORF_+_1500848	1500848	1500868	+	2	21	GTG	TAG	0	0	
mORF_+_1500896	1500896	1500919	+	2	24	ATG	TAG	0	0	
mORF_+_1500923	1500923	1500991	+	2	69	TTG	TGA	0	0	
mORF_+_1500992	1500992	1501054	+	2	63	TTG	TGA	0	0	
mORF_+_1501100	1501100	1501198	+	2	99	TTG	TAA	0	0	
mORF_+_1501171	1501171	1501245	+	1	75	ATG	TGA	0	0	
mORF_+_1501188	1501188	1501226	+	3	39	GTG	TAA	0	0	
mORF_+_1501250	1501250	1501282	+	2	33	GTG	TGA	0	0	
mORF_+_1501254	1501254	1501457	+	3	204	TTG	TAA	0	0	
mORF_+_1501267	1501267	1501320	+	1	54	ATG	TAG	0	0	

mORF+_1501289	1501289	1501357	+	2	69	TTG	TGA	0	0	
mORF+_1501342	1501342	1501347	+	1	6	TTG	TAG	0	0	
mORF+_1501358	1501358	1501408	+	2	51	ATG	TGA	0	0	
mORF+_1501405	1501405	1501449	+	1	45	TTG	TAG	0	0	
mORF+_1501461	1501461	1501526	+	3	66	ATG	TGA	0	0	
mORF+_1501523	1501523	1501588	+	2	66	TTG	TGA	0	0	
mORF+_1501534	1501534	1501602	+	1	69	GTG	TGA	0	0	
mORF+_1501557	1501557	1501703	+	3	147	ATG	TAA	0	0	
mORF+_1501681	1501681	1502889	+	1	1209	GTG	TGA	0	0	
mORF+_1501721	1501721	1501744	+	2	24	GTG	TGA	0	0	
mORF+_1501734	1501734	1501739	+	3	6	GTG	TGA	0	0	
mORF+_1501761	1501761	1501802	+	3	42	ATG	TGA	0	0	
mORF+_1501781	1501781	1501930	+	2	150	GTG	TGA	0	0	
mORF+_1501863	1501863	1501880	+	3	18	GTG	TGA	0	0	
mORF+_1501887	1501887	1501895	+	3	9	ATG	TAA	0	0	
mORF+_1501937	1501937	1502122	+	2	186	TTG	TGA	0	0	
mORF+_1502126	1502126	1502284	+	2	159	ATG	TAA	0	0	
mORF+_1502154	1502154	1502183	+	3	30	GTG	TGA	0	0	
mORF+_1502477	1502477	1502488	+	2	12	TTG	TGA	0	0	
mORF+_1502543	1502543	1502566	+	2	24	ATG	TAA	0	0	
mORF+_1502594	1502594	1502773	+	2	180	ATG	TAA	0	0	
mORF+_1502679	1502679	1502729	+	3	51	TTG	TAA	0	0	
mORF+_1502736	1502736	1503182	+	3	447	ATG	TAA	0	0	
mORF+_1502774	1502774	1502794	+	2	21	ATG	TAG	0	0	
mORF+_1502813	1502813	1502851	+	2	39	TTG	TGA	0	0	
mORF+_1502926	1502926	1502955	+	1	30	ATG	TAA	0	0	
mORF+_1503082	1503082	1503120	+	1	39	ATG	TAA	0	0	
mORF+_1503110	1503110	1503214	+	2	105	ATG	TAG	0	0	
mORF+_1503218	1503218	1503250	+	2	33	ATG	TGA	0	0	
mORF+_1503247	1503247	1503369	+	1	123	TTG	TAA	1	6	pORF+_1503247
mORF+_1503293	1503293	1503319	+	2	27	GTG	TAA	0	0	
mORF+_1503297	1503297	1503359	+	3	63	TTG	TAA	0	0	
mORF+_1503369	1503369	1503500	+	3	132	ATG	TAA	0	0	
mORF+_1503427	1503427	1503693	+	1	267	TTG	TAA	0	0	
mORF+_1503506	1503506	1503604	+	2	99	GTG	TAG	0	0	
mORF+_1503537	1503537	1503542	+	3	6	TTG	TGA	0	0	
mORF+_1503620	1503620	1503667	+	2	48	TTG	TGA	0	0	
mORF+_1503624	1503624	1503662	+	3	39	TTG	TAA	0	0	
mORF+_1503723	1503723	1503749	+	3	27	TTG	TAA	0	0	
mORF+_1503739	1503739	1503798	+	1	60	GTG	TAG	0	0	
mORF+_1503749	1503749	1504042	+	2	294	ATG	TAG	0	0	
mORF+_1503837	1503837	1503860	+	3	24	GTG	TGA	0	0	
mORF+_1503882	1503882	1503896	+	3	15	TTG	TGA	0	0	
mORF+_1503918	1503918	1503938	+	3	21	ATG	TGA	0	0	
mORF+_1503945	1503945	1504091	+	3	147	TTG	TAG	0	0	
mORF+_1503979	1503979	1504032	+	1	54	TTG	TGA	0	0	
mORF+_1504076	1504076	1504156	+	2	81	GTG	TAA	0	0	
mORF+_1504114	1504114	1504140	+	1	27	GTG	TAG	0	0	
mORF+_1504144	1504144	1504167	+	1	24	TTG	TGA	0	0	
mORF+_1504164	1504164	1504307	+	3	144	GTG	TAG	0	0	
mORF+_1504180	1504180	1504233	+	1	54	TTG	TAA	0	0	
mORF+_1504196	1504196	1504732	+	2	537	ATG	TAA	0	0	
mORF+_1504314	1504314	1504373	+	3	60	TTG	TGA	0	0	
mORF+_1504351	1504351	1504431	+	1	81	ATG	TGA	0	0	
mORF+_1504428	1504428	1504454	+	3	27	ATG	TGA	0	0	
mORF+_1504473	1504473	1504529	+	3	57	ATG	TAA	0	0	
mORF+_1504545	1504545	1504559	+	3	15	ATG	TAA	0	0	
mORF+_1504566	1504566	1504775	+	3	210	ATG	TAG	0	0	
mORF+_1504597	1504597	1504605	+	1	9	GTG	TGA	0	0	
mORF+_1504612	1504612	1504626	+	1	15	ATG	TAA	0	0	
mORF+_1504627	1504627	1504677	+	1	51	TTG	TAA	0	0	
mORF+_1504763	1504763	1506766	+	2	2004	GTG	TAA	6	15	pORF+_1504763
mORF+_1504803	1504803	1504808	+	3	6	ATG	TGA	0	0	

mORF_+_1504827	1504827	1504838	+	3	12	TTG	TAA	0	0
mORF_+_1504851	1504851	1504949	+	3	99	ATG	TGA	0	0
mORF_+_1504956	1504956	1505057	+	3	102	TTG	TGA	0	0
mORF_+_1505079	1505079	1505093	+	3	15	GTG	TGA	0	0
mORF_+_1505094	1505094	1505237	+	3	144	TTG	TGA	0	0
mORF_+_1505158	1505158	1505178	+	1	21	GTG	TGA	0	0
mORF_+_1505241	1505241	1505411	+	3	171	TTG	TGA	0	0
mORF_+_1505308	1505308	1505361	+	1	54	GTG	TAG	0	0
mORF_+_1505377	1505377	1505442	+	1	66	TTG	TGA	0	0
mORF_+_1505439	1505439	1505462	+	3	24	ATG	TGA	0	0
mORF_+_1505499	1505499	1505549	+	3	51	TTG	TGA	0	0
mORF_+_1505589	1505589	1505708	+	3	120	TTG	TGA	0	0
mORF_+_1505709	1505709	1505768	+	3	60	ATG	TAG	0	0
mORF_+_1505802	1505802	1505843	+	3	42	ATG	TGA	0	0
mORF_+_1505859	1505859	1505975	+	3	117	GTG	TAA	0	0
mORF_+_1505985	1505985	1506011	+	3	27	TTG	TGA	0	0
mORF_+_1506048	1506048	1506077	+	3	30	TTG	TGA	0	0
mORF_+_1506093	1506093	1506167	+	3	75	GTG	TGA	0	0
mORF_+_1506180	1506180	1506272	+	3	93	ATG	TAA	0	0
mORF_+_1506285	1506285	1506389	+	3	105	GTG	TGA	0	0
mORF_+_1506423	1506423	1506455	+	3	33	GTG	TGA	0	0
mORF_+_1506456	1506456	1506503	+	3	48	TTG	TGA	0	0
mORF_+_1506517	1506517	1506537	+	1	21	TTG	TAA	0	0
mORF_+_1506528	1506528	1506620	+	3	93	TTG	TAA	0	0
mORF_+_1506541	1506541	1506603	+	1	63	GTG	TAA	0	0
mORF_+_1506630	1506630	1506686	+	3	57	TTG	TGA	0	0
mORF_+_1506634	1506634	1506732	+	1	99	TTG	TGA	0	0
mORF_+_1506729	1506729	1506740	+	3	12	ATG	TGA	0	0
mORF_+_1506797	1506797	1506856	+	2	60	TTG	TGA	0	0
mORF_+_1506807	1506807	1506827	+	3	21	ATG	TAA	0	0
mORF_+_1506853	1506853	1506900	+	1	48	ATG	TAA	0	0
mORF_+_1506864	1506864	1507040	+	3	177	TTG	TGA	0	0
mORF_+_1507015	1507015	1507122	+	1	108	TTG	TGA	0	0
mORF_+_1507119	1507119	1507139	+	3	21	ATG	TGA	0	0
mORF_+_1507136	1507136	1507165	+	2	30	TTG	TAG	0	0
mORF_+_1507155	1507155	1507196	+	3	42	TTG	TGA	0	0
mORF_+_1507199	1507199	1507270	+	2	72	TTG	TAA	0	0
mORF_+_1507204	1507204	1507230	+	1	27	TTG	TAG	0	0
mORF_+_1507230	1507230	1507313	+	3	84	GTG	TGA	0	0
mORF_+_1507270	1507270	1507434	+	1	165	ATG	TGA	0	0
mORF_+_1507310	1507310	1507486	+	2	177	GTG	TAA	0	0
mORF_+_1507356	1507356	1507361	+	3	6	ATG	TAG	0	0
mORF_+_1507365	1507365	1507382	+	3	18	ATG	TGA	0	0
mORF_+_1507395	1507395	1507466	+	3	72	ATG	TGA	0	0
mORF_+_1507506	1507506	1507610	+	3	105	ATG	TGA	0	0
mORF_+_1507511	1507511	1507948	+	2	438	ATG	TAA	0	0
mORF_+_1507653	1507653	1507664	+	3	12	ATG	TGA	0	0
mORF_+_1507671	1507671	1507721	+	3	51	TTG	TAA	0	0
mORF_+_1507740	1507740	1507754	+	3	15	TTG	TGA	0	0
mORF_+_1507782	1507782	1507820	+	3	39	ATG	TAG	0	0
mORF_+_1507830	1507830	1507940	+	3	111	TTG	TGA	0	0
mORF_+_1507966	1507966	1508013	+	1	48	TTG	TAA	0	0
mORF_+_1508027	1508027	1509433	+	2	1407	ATG	TAA	0	0
mORF_+_1508046	1508046	1508141	+	3	96	TTG	TGA	0	0
mORF_+_1508160	1508160	1508240	+	3	81	ATG	TAA	0	0
mORF_+_1508277	1508277	1508396	+	3	120	ATG	TAA	0	0
mORF_+_1508445	1508445	1508558	+	3	114	TTG	TAG	0	0
mORF_+_1508602	1508602	1508694	+	1	93	TTG	TAA	0	0
mORF_+_1508634	1508634	1508666	+	3	33	GTG	TGA	0	0
mORF_+_1508688	1508688	1508705	+	3	18	ATG	TAG	0	0
mORF_+_1508752	1508752	1508769	+	1	18	GTG	TAA	0	0
mORF_+_1508856	1508856	1509038	+	3	183	TTG	TGA	0	0
mORF_+_1508917	1508917	1509018	+	1	102	GTG	TAA	0	0

mORF_+_1509072	1509072	1509197	+	3	126	TTG	TGA	0	0	
mORF_+_1509210	1509210	1509254	+	3	45	ATG	TAG	0	0	
mORF_+_1509255	1509255	1509269	+	3	15	ATG	TAA	0	0	
mORF_+_1509300	1509300	1509398	+	3	99	TTG	TAA	0	0	
mORF_+_1509364	1509364	1509384	+	1	21	GTG	TGA	0	0	
mORF_+_1509460	1509460	1509483	+	1	24	TTG	TAG	0	0	
mORF_+_1509504	1509504	1509542	+	3	39	TTG	TAA	0	0	
mORF_+_1509542	1509542	1509568	+	2	27	ATG	TAA	0	0	
mORF_+_1509587	1509587	1509616	+	2	30	GTG	TAA	0	0	
mORF_+_1509589	1509589	1509648	+	1	60	GTG	TGA	0	0	
mORF_+_1509609	1509609	1509656	+	3	48	ATG	TAA	0	0	
mORF_+_1509678	1509678	1510823	+	3	1146	ATG	TAA	29	137	pORF_+_1509678
mORF_+_1509691	1509691	1509723	+	1	33	TTG	TGA	0	0	
mORF_+_1509707	1509707	1509769	+	2	63	GTG	TAA	0	0	
mORF_+_1509883	1509883	1509888	+	1	6	ATG	TGA	0	0	
mORF_+_1509907	1509907	1509924	+	1	18	ATG	TGA	0	0	
mORF_+_1509964	1509964	1509981	+	1	18	ATG	TGA	0	0	
mORF_+_1510072	1510072	1510125	+	1	54	ATG	TGA	0	0	
mORF_+_1510106	1510106	1510138	+	2	33	ATG	TAA	0	0	
mORF_+_1510177	1510177	1510344	+	1	168	TTG	TGA	0	0	
mORF_+_1510387	1510387	1510407	+	1	21	ATG	TGA	0	0	
mORF_+_1510426	1510426	1510470	+	1	45	GTG	TGA	0	0	
mORF_+_1510489	1510489	1510587	+	1	99	TTG	TGA	0	0	
mORF_+_1510523	1510523	1510531	+	2	9	TTG	TGA	0	0	
mORF_+_1510568	1510568	1510666	+	2	99	TTG	TAA	0	0	
mORF_+_1510618	1510618	1510650	+	1	33	ATG	TAG	0	0	
mORF_+_1510694	1510694	1510699	+	2	6	TTG	TGA	0	0	
mORF_+_1510696	1510696	1510752	+	1	57	GTG	TAG	0	0	
mORF_+_1510768	1510768	1510863	+	1	96	TTG	TGA	0	0	
mORF_+_1510841	1510841	1511854	+	2	1014	ATG	TGA	3	3	pORF_+_1510841
mORF_+_1510860	1510860	1510901	+	3	42	TTG	TAG	0	0	
mORF_+_1510902	1510902	1510922	+	3	21	ATG	TAA	0	0	
mORF_+_1510926	1510926	1510988	+	3	63	ATG	TGA	0	0	
mORF_+_1510989	1510989	1511075	+	3	87	TTG	TGA	0	0	
mORF_+_1511059	1511059	1511124	+	1	66	GTG	TGA	0	0	
mORF_+_1511121	1511121	1511144	+	3	24	TTG	TGA	0	0	
mORF_+_1511217	1511217	1511291	+	3	75	TTG	TGA	0	0	
mORF_+_1511292	1511292	1511372	+	3	81	ATG	TGA	0	0	
mORF_+_1511451	1511451	1511573	+	3	123	GTG	TGA	0	0	
mORF_+_1511587	1511587	1511649	+	1	63	TTG	TGA	0	0	
mORF_+_1511589	1511589	1511597	+	3	9	GTG	TGA	0	0	
mORF_+_1511646	1511646	1511714	+	3	69	GTG	TGA	0	0	
mORF_+_1511727	1511727	1511744	+	3	18	GTG	TGA	0	0	
mORF_+_1511820	1511820	1511828	+	3	9	GTG	TGA	0	0	
mORF_+_1511841	1511841	1511864	+	3	24	TTG	TGA	0	0	
mORF_+_1511851	1511851	1511901	+	1	51	GTG	TAA	0	0	
mORF_+_1511855	1511855	1512796	+	2	942	ATG	TGA	0	0	
mORF_+_1511865	1511865	1511966	+	3	102	ATG	TAA	0	0	
mORF_+_1511968	1511968	1512033	+	1	66	GTG	TGA	0	0	
mORF_+_1511973	1511973	1512002	+	3	30	TTG	TGA	0	0	
mORF_+_1512030	1512030	1512053	+	3	24	TTG	TAA	0	0	
mORF_+_1512081	1512081	1512128	+	3	48	GTG	TGA	0	0	
mORF_+_1512181	1512181	1512270	+	1	90	GTG	TAA	0	0	
mORF_+_1512231	1512231	1512239	+	3	9	TTG	TAA	0	0	
mORF_+_1512264	1512264	1512353	+	3	90	TTG	TGA	0	0	
mORF_+_1512316	1512316	1512477	+	1	162	GTG	TGA	0	0	
mORF_+_1512474	1512474	1512767	+	3	294	TTG	TGA	0	0	
mORF_+_1512786	1512786	1513580	+	3	795	ATG	TAA	0	0	
mORF_+_1512838	1512838	1512864	+	1	27	TTG	TGA	0	0	
mORF_+_1512877	1512877	1512927	+	1	51	ATG	TGA	0	0	
mORF_+_1512961	1512961	1512981	+	1	21	GTG	TGA	0	0	
mORF_+_1513018	1513018	1513032	+	1	15	TTG	TAG	0	0	
mORF_+_1513055	1513055	1513159	+	2	105	GTG	TAA	0	0	

mORF_+_1513111	1513111	1513149	+	1	39	TTG	TAA	0	0	
mORF_+_1513204	1513204	1513221	+	1	18	ATG	TAG	0	0	
mORF_+_1513214	1513214	1513234	+	2	21	TTG	TAA	0	0	
mORF_+_1513222	1513222	1513329	+	1	108	TTG	TAG	0	0	
mORF_+_1513378	1513378	1513488	+	1	111	TTG	TAA	0	0	
mORF_+_1513445	1513445	1513477	+	2	33	GTG	TGA	0	0	
mORF_+_1513547	1513547	1513612	+	2	66	GTG	TAA	0	0	
mORF_+_1513570	1513570	1513587	+	1	18	ATG	TGA	0	0	
mORF_+_1513597	1513597	1513620	+	1	24	ATG	TGA	0	0	
mORF_+_1513602	1513602	1515026	+	3	1425	ATG	TAA	18	128	pORF_+_1513602
mORF_+_1513699	1513699	1513806	+	1	108	TTG	TGA	0	0	
mORF_+_1513763	1513763	1513816	+	2	54	ATG	TGA	0	0	
mORF_+_1513816	1513816	1513956	+	1	141	ATG	TGA	0	0	
mORF_+_1513865	1513865	1513885	+	2	21	TTG	TAG	0	0	
mORF_+_1513957	1513957	1514001	+	1	45	ATG	TGA	0	0	
mORF_+_1514042	1514042	1514116	+	2	75	GTG	TAA	0	0	
mORF_+_1514077	1514077	1514109	+	1	33	TTG	TAG	0	0	
mORF_+_1514203	1514203	1514235	+	1	33	TTG	TGA	0	0	
mORF_+_1514341	1514341	1514361	+	1	21	TTG	TGA	0	0	
mORF_+_1514362	1514362	1514523	+	1	162	TTG	TAA	0	0	
mORF_+_1514438	1514438	1514542	+	2	105	TTG	TGA	0	0	
mORF_+_1514530	1514530	1514568	+	1	39	GTG	TAA	0	0	
mORF_+_1514650	1514650	1514751	+	1	102	GTG	TAG	0	0	
mORF_+_1514755	1514755	1514790	+	1	36	GTG	TGA	0	0	
mORF_+_1514800	1514800	1514919	+	1	120	ATG	TAA	0	0	
mORF_+_1514831	1514831	1514923	+	2	93	ATG	TGA	0	0	
mORF_+_1514920	1514920	1515060	+	1	141	GTG	TGA	0	0	
mORF_+_1515035	1515035	1515055	+	2	21	TTG	TGA	0	0	
mORF_+_1515057	1515057	1515254	+	3	198	ATG	TAG	0	0	
mORF_+_1515100	1515100	1515264	+	1	165	GTG	TAA	0	0	
mORF_+_1515107	1515107	1515130	+	2	24	GTG	TAA	0	0	
mORF_+_1515221	1515221	1515301	+	2	81	TTG	TAA	0	0	
mORF_+_1515294	1515294	1515341	+	3	48	ATG	TGA	0	0	
mORF_+_1515316	1515316	1515351	+	1	36	TTG	TGA	0	0	
mORF_+_1515338	1515338	1515586	+	2	249	GTG	TAA	0	0	
mORF_+_1515348	1515348	1515368	+	3	21	TTG	TGA	0	0	
mORF_+_1515376	1515376	1515498	+	1	123	TTG	TAA	0	0	
mORF_+_1515435	1515435	1515518	+	3	84	TTG	TAA	0	0	
mORF_+_1515541	1515541	1515645	+	1	105	ATG	TAA	0	0	
mORF_+_1515602	1515602	1515637	+	2	36	TTG	TGA	0	0	
mORF_+_1515630	1515630	1515662	+	3	33	TTG	TAA	0	0	
mORF_+_1515655	1515655	1515741	+	1	87	GTG	TGA	0	0	
mORF_+_1515672	1515672	1515905	+	3	234	ATG	TGA	12	156	pORF_+_1515672
mORF_+_1515766	1515766	1515780	+	1	15	ATG	TAA	0	0	
mORF_+_1515911	1515911	1516060	+	2	150	ATG	TAG	0	0	
mORF_+_1515996	1515996	1516199	+	3	204	ATG	TAA	0	0	
mORF_+_1516061	1516061	1516093	+	2	33	TTG	TGA	0	0	
mORF_+_1516136	1516136	1516192	+	2	57	GTG	TAA	0	0	
mORF_+_1516180	1516180	1516350	+	1	171	ATG	TGA	1	2	pORF_+_1516180
mORF_+_1516229	1516229	1516252	+	2	24	GTG	TGA	0	0	
mORF_+_1516374	1516374	1516499	+	3	126	GTG	TGA	0	0	
mORF_+_1516388	1516388	1516570	+	2	183	TTG	TAA	0	0	
mORF_+_1516402	1516402	1516431	+	1	30	ATG	TAG	0	0	
mORF_+_1516524	1516524	1516598	+	3	75	ATG	TGA	0	0	
mORF_+_1516598	1516598	1516729	+	2	132	ATG	TAA	0	0	
mORF_+_1516752	1516752	1516820	+	3	69	ATG	TAA	0	0	
mORF_+_1516775	1516775	1516885	+	2	111	TTG	TAA	0	0	
mORF_+_1516830	1516830	1517225	+	3	396	ATG	TGA	1	3	pORF_+_1516830
mORF_+_1516945	1516945	1516977	+	1	33	ATG	TGA	0	0	
mORF_+_1516958	1516958	1518088	+	2	1131	GTG	TAA	22	65	pORF_+_1516958
mORF_+_1517080	1517080	1517136	+	1	57	TTG	TGA	0	0	
mORF_+_1517229	1517229	1517270	+	3	42	ATG	TGA	0	0	
mORF_+_1517292	1517292	1517393	+	3	102	GTG	TGA	0	0	

mORF+_1517353	1517353	1517367	+	1	15	ATG	TGA	0	0	
mORF+_1517397	1517397	1517441	+	3	45	TTG	TAG	0	0	
mORF+_1517422	1517422	1517493	+	1	72	GTG	TAA	0	0	
mORF+_1517572	1517572	1517652	+	1	81	TTG	TGA	0	0	
mORF+_1517595	1517595	1517633	+	3	39	GTG	TAG	0	0	
mORF+_1517640	1517640	1517798	+	3	159	ATG	TAG	0	0	
mORF+_1517692	1517692	1517709	+	1	18	GTG	TGA	0	0	
mORF+_1517913	1517913	1517960	+	3	48	ATG	TGA	0	0	
mORF+_1517953	1517953	1517970	+	1	18	ATG	TAA	0	0	
mORF+_1518009	1518009	1518038	+	3	30	ATG	TGA	0	0	
mORF+_1518078	1518078	1518107	+	3	30	GTG	TAA	0	0	
mORF+_1518167	1518167	1518181	+	2	15	TTG	TAA	0	0	
mORF+_1518193	1518193	1518207	+	1	15	GTG	TGA	0	0	
mORF+_1518197	1518197	1518220	+	2	24	GTG	TAA	0	0	
mORF+_1518204	1518204	1518284	+	3	81	ATG	TAA	0	0	
mORF+_1518229	1518229	1518951	+	1	723	GTG	TAA	2	4	pORF+_1518229
mORF+_1518245	1518245	1518307	+	2	63	ATG	TGA	0	0	
mORF+_1518311	1518311	1518322	+	2	12	ATG	TGA	0	0	
mORF+_1518332	1518332	1518346	+	2	15	TTG	TGA	0	0	
mORF+_1518362	1518362	1518373	+	2	12	TTG	TAA	0	0	
mORF+_1518440	1518440	1518469	+	2	30	GTG	TGA	0	0	
mORF+_1518470	1518470	1518532	+	2	63	ATG	TAG	0	0	
mORF+_1518575	1518575	1518688	+	2	114	TTG	TAA	0	0	
mORF+_1518738	1518738	1518743	+	3	6	GTG	TGA	0	0	
mORF+_1518740	1518740	1518748	+	2	9	GTG	TGA	0	0	
mORF+_1518749	1518749	1518832	+	2	84	TTG	TAG	0	0	
mORF+_1518759	1518759	1518797	+	3	39	GTG	TGA	0	0	
mORF+_1518882	1518882	1518902	+	3	21	ATG	TGA	0	0	
mORF+_1518896	1518896	1519072	+	2	177	TTG	TGA	0	0	
mORF+_1518957	1518957	1518986	+	3	30	ATG	TAA	0	0	
mORF+_1519012	1519012	1519026	+	1	15	ATG	TAA	0	0	
mORF+_1519069	1519069	1519149	+	1	81	TTG	TAA	0	0	
mORF+_1519143	1519143	1519172	+	3	30	GTG	TAA	0	0	
mORF+_1519150	1519150	1519188	+	1	39	TTG	TAA	0	0	
mORF+_1519199	1519199	1519225	+	2	27	TTG	TAA	0	0	
mORF+_1519249	1519249	1519281	+	1	33	GTG	TAA	0	0	
mORF+_1519348	1519348	1519368	+	1	21	TTG	TAG	0	0	
mORF+_1519422	1519422	1519613	+	3	192	TTG	TAA	0	0	
mORF+_1519430	1519430	1519549	+	2	120	ATG	TAA	0	0	
mORF+_1519471	1519471	1519476	+	1	6	TTG	TAA	0	0	
mORF+_1519522	1519522	1519533	+	1	12	GTG	TGA	0	0	
mORF+_1519589	1519589	1519663	+	2	75	TTG	TAA	0	0	
mORF+_1519597	1519597	1519650	+	1	54	TTG	TAA	0	0	
mORF+_1519632	1519632	1519733	+	3	102	TTG	TAA	0	0	
mORF+_1519721	1519721	1519798	+	2	78	TTG	TAA	0	0	
mORF+_1519755	1519755	1519889	+	3	135	ATG	TAA	0	0	
mORF+_1519810	1519810	1519836	+	1	27	TTG	TAG	0	0	
mORF+_1519900	1519900	1519989	+	1	90	ATG	TAG	0	0	
mORF+_1519944	1519944	1520129	+	3	186	TTG	TGA	0	0	
mORF+_1519993	1519993	1520019	+	1	27	TTG	TAG	0	0	
mORF+_1520032	1520032	1520094	+	1	63	GTG	TAA	0	0	
mORF+_1520066	1520066	1520110	+	2	45	GTG	TAA	0	0	
mORF+_1520126	1520126	1520137	+	2	12	GTG	TAA	0	0	
mORF+_1520139	1520139	1520159	+	3	21	TTG	TGA	0	0	
mORF+_1520141	1520141	1520263	+	2	123	GTG	TGA	0	0	
mORF+_1520149	1520149	1520238	+	1	90	ATG	TAG	0	0	
mORF+_1520256	1520256	1520336	+	3	81	TTG	TAG	0	0	
mORF+_1520260	1520260	1520463	+	1	204	TTG	TAG	0	0	
mORF+_1520306	1520306	1520314	+	2	9	GTG	TAG	0	0	
mORF+_1520441	1520441	1520476	+	2	36	GTG	TAA	0	0	
mORF+_1520451	1520451	1520489	+	3	39	ATG	TGA	0	0	
mORF+_1520482	1520482	1520499	+	1	18	GTG	TAA	0	0	
mORF+_1520486	1520486	1520629	+	2	144	TTG	TGA	0	0	

mORF+_1520518	1520518	1520556	+	1	39	GTG	TAG	0	0	
mORF+_1520596	1520596	1520796	+	1	201	ATG	TAA	0	0	
mORF+_1520610	1520610	1520711	+	3	102	TTG	TAA	0	0	
mORF+_1520723	1520723	1520905	+	2	183	ATG	TAA	0	0	
mORF+_1520727	1520727	1520834	+	3	108	TTG	TAA	0	0	
mORF+_1520797	1520797	1520847	+	1	51	GTG	TAG	0	0	
mORF+_1520838	1520838	1520891	+	3	54	TTG	TGA	0	0	
mORF+_1520905	1520905	1521183	+	1	279	ATG	TGA	1	2	pORF+_1520905
mORF+_1520912	1520912	1520998	+	2	87	GTG	TGA	0	0	
mORF+_1521050	1521050	1521091	+	2	42	GTG	TGA	0	0	
mORF+_1521125	1521125	1521142	+	2	18	ATG	TAA	0	0	
mORF+_1521147	1521147	1521179	+	3	33	ATG	TAA	0	0	
mORF+_1521180	1521180	1521194	+	3	15	TTG	TAG	0	0	
mORF+_1521210	1521210	1521224	+	3	15	ATG	TGA	0	0	
mORF+_1521221	1521221	1521232	+	2	12	TTG	TAA	0	0	
mORF+_1521232	1521232	1521294	+	1	63	ATG	TGA	0	0	
mORF+_1521291	1521291	1521440	+	3	150	GTG	TAA	0	0	
mORF+_1521331	1521331	1522392	+	1	1062	ATG	TAA	99	2652	pORF+_1521331
mORF+_1521365	1521365	1521382	+	2	18	GTG	TAG	0	0	
mORF+_1521392	1521392	1521448	+	2	57	TTG	TAG	0	0	
mORF+_1521455	1521455	1521574	+	2	120	GTG	TGA	0	0	
mORF+_1521495	1521495	1521530	+	3	36	GTG	TAA	0	0	
mORF+_1521605	1521605	1521658	+	2	54	TTG	TAA	0	0	
mORF+_1521639	1521639	1521650	+	3	12	GTG	TAA	0	0	
mORF+_1521680	1521680	1521700	+	2	21	ATG	TGA	0	0	
mORF+_1521719	1521719	1521772	+	2	54	ATG	TAG	0	0	
mORF+_1521779	1521779	1521826	+	2	48	ATG	TGA	0	0	
mORF+_1521828	1521828	1521839	+	3	12	TTG	TGA	0	0	
mORF+_1521836	1521836	1521859	+	2	24	TTG	TGA	0	0	
mORF+_1522007	1522007	1522099	+	2	93	ATG	TAG	0	0	
mORF+_1522115	1522115	1522195	+	2	81	ATG	TAA	0	0	
mORF+_1522220	1522220	1522225	+	2	6	GTG	TGA	0	0	
mORF+_1522226	1522226	1522252	+	2	27	TTG	TGA	0	0	
mORF+_1522301	1522301	1522327	+	2	27	ATG	TGA	0	0	
mORF+_1522370	1522370	1522375	+	2	6	ATG	TGA	0	0	
mORF+_1522382	1522382	1522471	+	2	90	TTG	TGA	0	0	
mORF+_1522398	1522398	1522466	+	3	69	ATG	TAA	0	0	
mORF+_1522423	1522423	1522488	+	1	66	TTG	TAG	0	0	
mORF+_1522499	1522499	1522708	+	2	210	TTG	TAA	0	0	
mORF+_1522572	1522572	1522580	+	3	9	GTG	TGA	0	0	
mORF+_1522596	1522596	1522661	+	3	66	TTG	TAA	0	0	
mORF+_1522717	1522717	1522734	+	1	18	ATG	TGA	0	0	
mORF+_1522731	1522731	1522895	+	3	165	GTG	TAG	0	0	
mORF+_1522828	1522828	1522839	+	1	12	ATG	TGA	0	0	
mORF+_1522896	1522896	1522961	+	3	66	TTG	TGA	0	0	
mORF+_1522927	1522927	1522980	+	1	54	GTG	TAA	0	0	
mORF+_1522955	1522955	1523011	+	2	57	ATG	TGA	0	0	
mORF+_1522987	1522987	1523088	+	1	102	GTG	TAA	0	0	
mORF+_1523028	1523028	1523153	+	3	126	GTG	TGA	0	0	
mORF+_1523101	1523101	1523118	+	1	18	ATG	TAG	0	0	
mORF+_1523141	1523141	1523173	+	2	33	TTG	TAA	0	0	
mORF+_1523235	1523235	1523327	+	3	93	ATG	TGA	0	0	
mORF+_1523354	1523354	1523386	+	2	33	GTG	TAA	0	0	
mORF+_1523379	1523379	1523390	+	3	12	GTG	TGA	0	0	
mORF+_1523387	1523387	1523749	+	2	363	ATG	TAG	0	0	
mORF+_1523397	1523397	1523420	+	3	24	GTG	TGA	0	0	
mORF+_1523463	1523463	1523603	+	3	141	ATG	TAA	0	0	
mORF+_1523551	1523551	1523628	+	1	78	GTG	TAA	0	0	
mORF+_1523655	1523655	1523684	+	3	30	TTG	TAA	0	0	
mORF+_1523764	1523764	1523778	+	1	15	ATG	TAA	0	0	
mORF+_1523812	1523812	1523949	+	1	138	GTG	TAA	0	0	
mORF+_1523834	1523834	1523857	+	2	24	TTG	TAA	0	0	
mORF+_1523868	1523868	1523927	+	3	60	GTG	TGA	0	0	

mORF_+_1523924	1523924	1523980	+	2	57	GTG	TGA	0	0	
mORF_+_1523982	1523982	1524041	+	3	60	GTG	TAA	0	0	
mORF_+_1523993	1523993	1524016	+	2	24	GTG	TGA	0	0	
mORF_+_1524004	1524004	1524051	+	1	48	TTG	TGA	0	0	
mORF_+_1524017	1524017	1524025	+	2	9	TTG	TAA	0	0	
mORF_+_1524048	1524048	1524077	+	3	30	ATG	TGA	0	0	
mORF_+_1524055	1524055	1524108	+	1	54	ATG	TAA	0	0	
mORF_+_1524074	1524074	1524223	+	2	150	ATG	TAA	0	0	
mORF_+_1524099	1524099	1524143	+	3	45	ATG	TAA	0	0	
mORF_+_1524147	1524147	1524173	+	3	27	ATG	TGA	0	0	
mORF_+_1524213	1524213	1524263	+	3	51	TTG	TGA	0	0	
mORF_+_1524227	1524227	1524253	+	2	27	GTG	TAA	0	0	
mORF_+_1524260	1524260	1524274	+	2	15	GTG	TGA	0	0	
mORF_+_1524271	1524271	1524888	+	1	618	ATG	TGA	0	0	
mORF_+_1524284	1524284	1524322	+	2	39	ATG	TGA	0	0	
mORF_+_1524297	1524297	1524317	+	3	21	ATG	TGA	0	0	
mORF_+_1524356	1524356	1524403	+	2	48	TTG	TGA	0	0	
mORF_+_1524420	1524420	1524452	+	3	33	GTG	TGA	0	0	
mORF_+_1524449	1524449	1524463	+	2	15	ATG	TGA	0	0	
mORF_+_1524479	1524479	1524487	+	2	9	TTG	TGA	0	0	
mORF_+_1524512	1524512	1524646	+	2	135	TTG	TAA	0	0	
mORF_+_1524618	1524618	1524629	+	3	12	TTG	TGA	0	0	
mORF_+_1524653	1524653	1524691	+	2	39	ATG	TGA	0	0	
mORF_+_1524716	1524716	1524736	+	2	21	ATG	TAA	0	0	
mORF_+_1524756	1524756	1524788	+	3	33	TTG	TGA	0	0	
mORF_+_1524785	1524785	1524868	+	2	84	ATG	TAA	0	0	
mORF_+_1524789	1524789	1524803	+	3	15	ATG	TAA	0	0	
mORF_+_1524837	1524837	1524878	+	3	42	ATG	TGA	0	0	
mORF_+_1524875	1524875	1524955	+	2	81	ATG	TAA	0	0	
mORF_+_1524885	1524885	1524959	+	3	75	TTG	TAA	0	0	
mORF_+_1524889	1524889	1524927	+	1	39	GTG	TAA	0	0	
mORF_+_1524964	1524964	1525176	+	1	213	ATG	TAA	3	31	pORF_+_1524964
mORF_+_1524969	1524969	1525028	+	3	60	ATG	TGA	0	0	
mORF_+_1525007	1525007	1525039	+	2	33	GTG	TAA	0	0	
mORF_+_1525124	1525124	1525240	+	2	117	TTG	TGA	0	0	
mORF_+_1525170	1525170	1525184	+	3	15	ATG	TAA	0	0	
mORF_+_1525185	1525185	1525220	+	3	36	ATG	TAG	0	0	
mORF_+_1525228	1525228	1525254	+	1	27	ATG	TAA	0	0	
mORF_+_1525263	1525263	1525310	+	3	48	TTG	TAA	0	0	
mORF_+_1525276	1525276	1525317	+	1	42	ATG	TGA	0	0	
mORF_+_1525311	1525311	1525334	+	3	24	ATG	TAA	0	0	
mORF_+_1525350	1525350	1525550	+	3	201	GTG	TAA	0	0	
mORF_+_1525367	1525367	1525426	+	2	60	TTG	TGA	0	0	
mORF_+_1525393	1525393	1525533	+	1	141	TTG	TGA	0	0	
mORF_+_1525448	1525448	1525555	+	2	108	GTG	TGA	0	0	
mORF_+_1525552	1525552	1525575	+	1	24	TTG	TAG	0	0	
mORF_+_1525575	1525575	1525670	+	3	96	GTG	TGA	0	0	
mORF_+_1525601	1525601	1525714	+	2	114	GTG	TGA	0	0	
mORF_+_1525621	1525621	1525632	+	1	12	GTG	TAG	0	0	
mORF_+_1525671	1525671	1525697	+	3	27	TTG	TGA	0	0	
mORF_+_1525711	1525711	1525782	+	1	72	ATG	TAA	0	0	
mORF_+_1525718	1525718	1525726	+	2	9	TTG	TGA	0	0	
mORF_+_1525760	1525760	1525852	+	2	93	ATG	TAA	0	0	
mORF_+_1525800	1525800	1525811	+	3	12	TTG	TGA	0	0	
mORF_+_1525880	1525880	1525894	+	2	15	ATG	TGA	0	0	
mORF_+_1525914	1525914	1527962	+	3	2049	ATG	TAG	0	0	
mORF_+_1525948	1525948	1526001	+	1	54	GTG	TGA	0	0	
mORF_+_1526048	1526048	1526059	+	2	12	GTG	TGA	0	0	
mORF_+_1526056	1526056	1526136	+	1	81	ATG	TGA	0	0	
mORF_+_1526129	1526129	1526218	+	2	90	GTG	TGA	0	0	
mORF_+_1526155	1526155	1526166	+	1	12	TTG	TGA	0	0	
mORF_+_1526215	1526215	1526271	+	1	57	GTG	TGA	0	0	
mORF_+_1526329	1526329	1526607	+	1	279	ATG	TGA	0	0	

mORF_+_1526345	1526345	1526353	+	2	9	GTG	TGA	0	0
mORF_+_1526540	1526540	1526551	+	2	12	GTG	TAA	0	0
mORF_+_1526635	1526635	1526640	+	1	6	GTG	TGA	0	0
mORF_+_1526719	1526719	1526808	+	1	90	ATG	TGA	0	0
mORF_+_1526813	1526813	1526833	+	2	21	GTG	TAA	0	0
mORF_+_1526846	1526846	1526890	+	2	45	GTG	TGA	0	0
mORF_+_1526851	1526851	1526874	+	1	24	ATG	TGA	0	0
mORF_+_1527019	1527019	1527105	+	1	87	GTG	TGA	0	0
mORF_+_1527109	1527109	1527144	+	1	36	GTG	TGA	0	0
mORF_+_1527122	1527122	1527283	+	2	162	GTG	TGA	0	0
mORF_+_1527280	1527280	1527447	+	1	168	ATG	TGA	0	0
mORF_+_1527287	1527287	1527304	+	2	18	ATG	TAA	0	0
mORF_+_1527451	1527451	1527480	+	1	30	GTG	TGA	0	0
mORF_+_1527455	1527455	1527523	+	2	69	ATG	TGA	0	0
mORF_+_1527514	1527514	1527531	+	1	18	ATG	TGA	0	0
mORF_+_1527538	1527538	1527546	+	1	9	GTG	TAA	0	0
mORF_+_1527550	1527550	1527576	+	1	27	ATG	TGA	0	0
mORF_+_1527577	1527577	1527672	+	1	96	TTG	TGA	0	0
mORF_+_1527677	1527677	1527703	+	2	27	TTG	TAA	0	0
mORF_+_1527709	1527709	1527723	+	1	15	TTG	TAG	0	0
mORF_+_1527745	1527745	1527897	+	1	153	ATG	TAG	0	0
mORF_+_1527824	1527824	1527850	+	2	27	TTG	TAG	0	0
mORF_+_1527857	1527857	1527865	+	2	9	ATG	TGA	0	0
mORF_+_1527898	1527898	1527906	+	1	9	ATG	TAA	0	0
mORF_+_1527946	1527946	1528428	+	1	483	ATG	TAA	0	0
mORF_+_1527971	1527971	1527985	+	2	15	TTG	TAA	0	0
mORF_+_1527993	1527993	1528022	+	3	30	TTG	TGA	0	0
mORF_+_1528001	1528001	1528117	+	2	117	TTG	TAA	0	0
mORF_+_1528121	1528121	1528159	+	2	39	ATG	TAA	0	0
mORF_+_1528190	1528190	1528207	+	2	18	GTG	TAA	0	0
mORF_+_1528223	1528223	1528249	+	2	27	ATG	TAA	0	0
mORF_+_1528310	1528310	1528342	+	2	33	GTG	TAA	0	0
mORF_+_1528349	1528349	1528390	+	2	42	ATG	TGA	0	0
mORF_+_1528394	1528394	1528561	+	2	168	ATG	TGA	0	0
mORF_+_1528419	1528419	1528457	+	3	39	ATG	TAA	0	0
mORF_+_1528506	1528506	1528523	+	3	18	ATG	TAA	0	0
mORF_+_1528513	1528513	1528518	+	1	6	TTG	TGA	0	0
mORF_+_1528540	1528540	1528548	+	1	9	TTG	TAA	0	0
mORF_+_1528558	1528558	1528572	+	1	15	GTG	TAA	0	0
mORF_+_1528576	1528576	1528584	+	1	9	TTG	TAA	0	0
mORF_+_1528610	1528610	1529356	+	2	747	GTG	TGA	0	0
mORF_+_1528629	1528629	1528646	+	3	18	TTG	TGA	0	0
mORF_+_1528711	1528711	1528737	+	1	27	ATG	TGA	0	0
mORF_+_1528713	1528713	1528721	+	3	9	GTG	TAA	0	0
mORF_+_1528722	1528722	1528784	+	3	63	TTG	TAA	0	0
mORF_+_1528738	1528738	1528752	+	1	15	GTG	TGA	0	0
mORF_+_1528777	1528777	1528797	+	1	21	ATG	TGA	0	0
mORF_+_1528791	1528791	1528844	+	3	54	ATG	TGA	0	0
mORF_+_1528851	1528851	1528928	+	3	78	TTG	TAG	0	0
mORF_+_1528885	1528885	1528905	+	1	21	ATG	TGA	0	0
mORF_+_1528935	1528935	1528949	+	3	15	ATG	TAA	0	0
mORF_+_1528959	1528959	1528997	+	3	39	TTG	TGA	0	0
mORF_+_1528998	1528998	1529039	+	3	42	GTG	TGA	0	0
mORF_+_1529058	1529058	1529102	+	3	45	ATG	TAA	0	0
mORF_+_1529121	1529121	1529195	+	3	75	TTG	TAA	0	0
mORF_+_1529220	1529220	1529246	+	3	27	ATG	TAA	0	0
mORF_+_1529247	1529247	1529294	+	3	48	ATG	TAA	0	0
mORF_+_1529298	1529298	1529339	+	3	42	ATG	TAA	0	0
mORF_+_1529353	1529353	1529382	+	1	30	GTG	TAA	0	0
mORF_+_1529369	1529369	1529428	+	2	60	ATG	TAA	0	0
mORF_+_1529392	1529392	1529397	+	1	6	GTG	TAG	0	0
mORF_+_1529400	1529400	1529600	+	3	201	TTG	TAA	0	0
mORF_+_1529440	1529440	1529445	+	1	6	GTG	TAA	0	0

mORF_+_1529479	1529479	1529520	+	1	42	ATG	TGA	0	0	
mORF_+_1529537	1529537	1529563	+	2	27	TTG	TGA	0	0	
mORF_+_1529548	1529548	1529553	+	1	6	ATG	TAA	0	0	
mORF_+_1529560	1529560	1529580	+	1	21	ATG	TAA	0	0	
mORF_+_1529622	1529622	1529732	+	3	111	ATG	TAA	0	0	
mORF_+_1529645	1529645	1529659	+	2	15	TTG	TAA	0	0	
mORF_+_1529662	1529662	1529754	+	1	93	GTG	TAA	0	0	
mORF_+_1529747	1529747	1529761	+	2	15	ATG	TGA	0	0	
mORF_+_1529758	1529758	1529829	+	1	72	TTG	TAA	0	0	
mORF_+_1529793	1529793	1529825	+	3	33	TTG	TAA	0	0	
mORF_+_1529840	1529840	1530976	+	2	1137	ATG	TAA	0	0	
mORF_+_1529941	1529941	1530027	+	1	87	TTG	TGA	0	0	
mORF_+_1529943	1529943	1529981	+	3	39	GTG	TAG	0	0	
mORF_+_1529988	1529988	1530014	+	3	27	TTG	TGA	0	0	
mORF_+_1530021	1530021	1530425	+	3	405	ATG	TAA	0	0	
mORF_+_1530103	1530103	1530114	+	1	12	GTG	TAA	0	0	
mORF_+_1530364	1530364	1530408	+	1	45	TTG	TGA	0	0	
mORF_+_1530456	1530456	1530476	+	3	21	TTG	TGA	0	0	
mORF_+_1530498	1530498	1530515	+	3	18	ATG	TGA	0	0	
mORF_+_1530516	1530516	1530611	+	3	96	GTG	TGA	0	0	
mORF_+_1530559	1530559	1530573	+	1	15	TTG	TGA	0	0	
mORF_+_1530598	1530598	1530705	+	1	108	ATG	TGA	0	0	
mORF_+_1530750	1530750	1530788	+	3	39	ATG	TAA	0	0	
mORF_+_1530792	1530792	1530812	+	3	21	ATG	TAA	0	0	
mORF_+_1530822	1530822	1530872	+	3	51	ATG	TGA	0	0	
mORF_+_1530876	1530876	1530902	+	3	27	ATG	TAA	0	0	
mORF_+_1530979	1530979	1531095	+	1	117	TTG	TAA	0	0	
mORF_+_1531035	1531035	1531043	+	3	9	GTG	TAA	0	0	
mORF_+_1531037	1531037	1531309	+	2	273	GTG	TAA	2	10	pORF_+_1531037
mORF_+_1531096	1531096	1531110	+	1	15	ATG	TGA	0	0	
mORF_+_1531107	1531107	1531175	+	3	69	GTG	TGA	0	0	
mORF_+_1531200	1531200	1531277	+	3	78	TTG	TGA	0	0	
mORF_+_1531228	1531228	1531296	+	1	69	TTG	TAG	0	0	
mORF_+_1531302	1531302	1531319	+	3	18	ATG	TAA	0	0	
mORF_+_1531325	1531325	1531360	+	2	36	TTG	TGA	0	0	
mORF_+_1531357	1531357	1531434	+	1	78	ATG	TGA	0	0	
mORF_+_1531370	1531370	1531573	+	2	204	TTG	TAG	0	0	
mORF_+_1531416	1531416	1531580	+	3	165	GTG	TAA	0	0	
mORF_+_1531468	1531468	1531488	+	1	21	TTG	TAG	0	0	
mORF_+_1531632	1531632	1531652	+	3	21	TTG	TAA	0	0	
mORF_+_1531655	1531655	1531825	+	2	171	ATG	TGA	0	0	
mORF_+_1531672	1531672	1531752	+	1	81	ATG	TGA	0	0	
mORF_+_1531695	1531695	1531769	+	3	75	ATG	TAA	0	0	
mORF_+_1531786	1531786	1531830	+	1	45	TTG	TAA	0	0	
mORF_+_1531815	1531815	1531865	+	3	51	TTG	TGA	0	0	
mORF_+_1531843	1531843	1531851	+	1	9	ATG	TAA	0	0	
mORF_+_1531856	1531856	1531918	+	2	63	ATG	TAA	0	0	
mORF_+_1531945	1531945	1532085	+	1	141	TTG	TAA	0	0	
mORF_+_1531953	1531953	1531964	+	3	12	TTG	TGA	0	0	
mORF_+_1531961	1531961	1531990	+	2	30	GTG	TAG	0	0	
mORF_+_1531968	1531968	1532018	+	3	51	ATG	TAA	0	0	
mORF_+_1531994	1531994	1532023	+	2	30	GTG	TGA	0	0	
mORF_+_1532048	1532048	1532893	+	2	846	ATG	TAA	0	0	
mORF_+_1532073	1532073	1532138	+	3	66	TTG	TGA	0	0	
mORF_+_1532146	1532146	1532163	+	1	18	TTG	TGA	0	0	
mORF_+_1532160	1532160	1532231	+	3	72	TTG	TGA	0	0	
mORF_+_1532241	1532241	1532321	+	3	81	GTG	TAG	0	0	
mORF_+_1532401	1532401	1532412	+	1	12	ATG	TGA	0	0	
mORF_+_1532406	1532406	1532438	+	3	33	TTG	TAA	0	0	
mORF_+_1532511	1532511	1532603	+	3	93	GTG	TGA	0	0	
mORF_+_1532518	1532518	1532535	+	1	18	TTG	TAA	0	0	
mORF_+_1532548	1532548	1532571	+	1	24	TTG	TGA	0	0	
mORF_+_1532662	1532662	1532724	+	1	63	GTG	TGA	0	0	

mORF_+_1532721	1532721	1532783	+	3	63	ATG	TGA	0	0	
mORF_+_1532796	1532796	1532846	+	3	51	TTG	TAG	0	0	
mORF_+_1532865	1532865	1532945	+	3	81	TTG	TAG	0	0	
mORF_+_1532897	1532897	1532956	+	2	60	ATG	TAG	0	0	
mORF_+_1532905	1532905	1532922	+	1	18	TTG	TAA	0	0	
mORF_+_1533000	1533000	1533047	+	3	48	TTG	TGA	0	0	
mORF_+_1533013	1533013	1533039	+	1	27	ATG	TGA	0	0	
mORF_+_1533032	1533032	1533121	+	2	90	GTG	TGA	0	0	
mORF_+_1533058	1533058	1533399	+	1	342	TTG	TGA	0	0	
mORF_+_1533072	1533072	1533131	+	3	60	TTG	TAA	0	0	
mORF_+_1533143	1533143	1533169	+	2	27	TTG	TGA	0	0	
mORF_+_1533180	1533180	1533323	+	3	144	ATG	TGA	0	0	
mORF_+_1533197	1533197	1533421	+	2	225	TTG	TGA	0	0	
mORF_+_1533381	1533381	1533455	+	3	75	GTG	TGA	0	0	
mORF_+_1533400	1533400	1533618	+	1	219	GTG	TAA	0	0	
mORF_+_1533452	1533452	1533460	+	2	9	GTG	TGA	0	0	
mORF_+_1533467	1533467	1533544	+	2	78	TTG	TAA	0	0	
mORF_+_1533483	1533483	1533566	+	3	84	GTG	TAG	0	0	
mORF_+_1533551	1533551	1533643	+	2	93	TTG	TAG	0	0	
mORF_+_1533591	1533591	1533695	+	3	105	ATG	TAA	0	0	
mORF_+_1533643	1533643	1533759	+	1	117	GTG	TAA	0	0	
mORF_+_1533704	1533704	1533898	+	2	195	ATG	TGA	0	0	
mORF_+_1533781	1533781	1533846	+	1	66	TTG	TGA	0	0	
mORF_+_1533843	1533843	1533851	+	3	9	GTG	TAA	0	0	
mORF_+_1533862	1533862	1533885	+	1	24	GTG	TAA	0	0	
mORF_+_1533895	1533895	1533915	+	1	21	GTG	TAG	0	0	
mORF_+_1533923	1533923	1533958	+	2	36	GTG	TGA	0	0	
mORF_+_1533955	1533955	1534119	+	1	165	GTG	TGA	0	0	
mORF_+_1534037	1534037	1534294	+	2	258	GTG	TGA	0	0	
mORF_+_1534147	1534147	1534200	+	1	54	TTG	TGA	0	0	
mORF_+_1534194	1534194	1534253	+	3	60	GTG	TGA	0	0	
mORF_+_1534296	1534296	1534376	+	3	81	TTG	TGA	0	0	
mORF_+_1534373	1534373	1534519	+	2	147	ATG	TGA	0	0	
mORF_+_1534378	1534378	1534428	+	1	51	TTG	TAA	0	0	
mORF_+_1534441	1534441	1534524	+	1	84	GTG	TGA	0	0	
mORF_+_1534521	1534521	1534847	+	3	327	TTG	TGA	0	0	
mORF_+_1534538	1534538	1534552	+	2	15	GTG	TAG	0	0	
mORF_+_1534595	1534595	1534606	+	2	12	ATG	TAG	0	0	
mORF_+_1534660	1534660	1534704	+	1	45	ATG	TGA	0	0	
mORF_+_1534735	1534735	1534974	+	1	240	GTG	TGA	0	0	
mORF_+_1534829	1534829	1534834	+	2	6	TTG	TGA	0	0	
mORF_+_1534844	1534844	1534954	+	2	111	TTG	TGA	0	0	
mORF_+_1534866	1534866	1534916	+	3	51	TTG	TAA	0	0	
mORF_+_1535084	1535084	1535203	+	2	120	TTG	TAA	0	0	
mORF_+_1535112	1535112	1535525	+	3	414	ATG	TAG	0	0	
mORF_+_1535140	1535140	1535367	+	1	228	GTG	TGA	0	0	
mORF_+_1535423	1535423	1535626	+	2	204	GTG	TGA	1	2	pORF_+_1535423
mORF_+_1535526	1535526	1535543	+	3	18	TTG	TAG	0	0	
mORF_+_1535589	1535589	1535636	+	3	48	ATG	TAG	0	0	
mORF_+_1535623	1535623	1536180	+	1	558	GTG	TGA	0	0	
mORF_+_1535636	1535636	1535803	+	2	168	GTG	TGA	0	0	
mORF_+_1535703	1535703	1535789	+	3	87	TTG	TAG	0	0	
mORF_+_1535835	1535835	1535891	+	3	57	GTG	TAG	0	0	
mORF_+_1535849	1535849	1535860	+	2	12	GTG	TAG	0	0	
mORF_+_1535924	1535924	1535962	+	2	39	TTG	TGA	0	0	
mORF_+_1535969	1535969	1536103	+	2	135	GTG	TGA	0	0	
mORF_+_1536024	1536024	1536059	+	3	36	GTG	TAA	0	0	
mORF_+_1536081	1536081	1536119	+	3	39	ATG	TGA	0	0	
mORF_+_1536116	1536116	1536160	+	2	45	TTG	TGA	0	0	
mORF_+_1536147	1536147	1536185	+	3	39	ATG	TAG	0	0	
mORF_+_1536192	1536192	1536242	+	3	51	TTG	TGA	0	0	
mORF_+_1536255	1536255	1536278	+	3	24	ATG	TAG	0	0	
mORF_+_1536289	1536289	1536318	+	1	30	TTG	TGA	0	0	

mORF_+_1536315	1536315	1536557	+	3	243	TTG	TAG	0	0
mORF_+_1536323	1536323	1536499	+	2	177	GTG	TGA	0	0
mORF_+_1536454	1536454	1536516	+	1	63	TTG	TAG	0	0
mORF_+_1536521	1536521	1536865	+	2	345	ATG	TGA	0	0
mORF_+_1536535	1536535	1536567	+	1	33	GTG	TGA	0	0
mORF_+_1536564	1536564	1536578	+	3	15	GTG	TAG	0	0
mORF_+_1536606	1536606	1536704	+	3	99	TTG	TGA	0	0
mORF_+_1536729	1536729	1536926	+	3	198	ATG	TAA	0	0
mORF_+_1536760	1536760	1536846	+	1	87	ATG	TAA	0	0
mORF_+_1536862	1536862	1537299	+	1	438	GTG	TAG	0	0
mORF_+_1536938	1536938	1536985	+	2	48	TTG	TAG	0	0
mORF_+_1537032	1537032	1537055	+	3	24	TTG	TAA	0	0
mORF_+_1537067	1537067	1537129	+	2	63	ATG	TGA	0	0
mORF_+_1537136	1537136	1537315	+	2	180	ATG	TAG	0	0
mORF_+_1537317	1537317	1537358	+	3	42	TTG	TAA	0	0
mORF_+_1537321	1537321	1537521	+	1	201	GTG	TAA	0	0
mORF_+_1537325	1537325	1537435	+	2	111	ATG	TAA	0	0
mORF_+_1537359	1537359	1537406	+	3	48	GTG	TGA	0	0
mORF_+_1537505	1537505	1537528	+	2	24	GTG	TGA	0	0
mORF_+_1537525	1537525	1537761	+	1	237	ATG	TGA	0	0
mORF_+_1537532	1537532	1537552	+	2	21	TTG	TAG	0	0
mORF_+_1537583	1537583	1537618	+	2	36	GTG	TGA	0	0
mORF_+_1537649	1537649	1537723	+	2	75	TTG	TGA	0	0
mORF_+_1537727	1537727	1537822	+	2	96	TTG	TAA	0	0
mORF_+_1537737	1537737	1537826	+	3	90	GTG	TGA	0	0
mORF_+_1537823	1537823	1537942	+	2	120	TTG	TAG	0	0
mORF_+_1537902	1537902	1537919	+	3	18	ATG	TAA	0	0
mORF_+_1537976	1537976	1538098	+	2	123	TTG	TGA	0	0
mORF_+_1538031	1538031	1538201	+	3	171	GTG	TAA	0	0
mORF_+_1538053	1538053	1538061	+	1	9	ATG	TAG	0	0
mORF_+_1538065	1538065	1538070	+	1	6	TTG	TAA	0	0
mORF_+_1538095	1538095	1538160	+	1	66	ATG	TGA	0	0
mORF_+_1538123	1538123	1538140	+	2	18	TTG	TAG	0	0
mORF_+_1538194	1538194	1538541	+	1	348	ATG	TAA	0	0
mORF_+_1538219	1538219	1538401	+	2	183	GTG	TGA	0	0
mORF_+_1538450	1538450	1538503	+	2	54	TTG	TGA	0	0
mORF_+_1538504	1538504	1538695	+	2	192	TTG	TGA	0	0
mORF_+_1538692	1538692	1538727	+	1	36	ATG	TGA	0	0
mORF_+_1538724	1538724	1538942	+	3	219	GTG	TGA	0	0
mORF_+_1538764	1538764	1539231	+	1	468	TTG	TAA	0	0
mORF_+_1538777	1538777	1538782	+	2	6	TTG	TAG	0	0
mORF_+_1538792	1538792	1538887	+	2	96	GTG	TAG	0	0
mORF_+_1538939	1538939	1538956	+	2	18	TTG	TAG	0	0
mORF_+_1538960	1538960	1538971	+	2	12	ATG	TGA	0	0
mORF_+_1539053	1539053	1539130	+	2	78	ATG	TAA	0	0
mORF_+_1539215	1539215	1539319	+	2	105	GTG	TAG	0	0
mORF_+_1539253	1539253	1539366	+	1	114	TTG	TAA	0	0
mORF_+_1539395	1539395	1539565	+	2	171	ATG	TAG	0	0
mORF_+_1539537	1539537	1539632	+	3	96	ATG	TGA	0	0
mORF_+_1539605	1539605	1539616	+	2	12	ATG	TAG	0	0
mORF_+_1539629	1539629	1539640	+	2	12	TTG	TAG	0	0
mORF_+_1539658	1539658	1539672	+	1	15	ATG	TAA	0	0
mORF_+_1539679	1539679	1539972	+	1	294	ATG	TAA	0	0
mORF_+_1539687	1539687	1539773	+	3	87	TTG	TAA	0	0
mORF_+_1539710	1539710	1539763	+	2	54	GTG	TAG	0	0
mORF_+_1539773	1539773	1539799	+	2	27	ATG	TAG	0	0
mORF_+_1539834	1539834	1539851	+	3	18	GTG	TAG	0	0
mORF_+_1539863	1539863	1539871	+	2	9	ATG	TAG	0	0
mORF_+_1539977	1539977	1540000	+	2	24	GTG	TAA	0	0
mORF_+_1540079	1540079	1540171	+	2	93	TTG	TAG	0	0
mORF_+_1540162	1540162	1540767	+	1	606	TTG	TAA	0	0
mORF_+_1540203	1540203	1540238	+	3	36	ATG	TGA	0	0
mORF_+_1540235	1540235	1540306	+	2	72	TTG	TAA	0	0

mORF_+_1540323	1540323	1540424	+	3	102	TTG	TAA	0	0
mORF_+_1540355	1540355	1540384	+	2	30	TTG	TAG	0	0
mORF_+_1540469	1540469	1540510	+	2	42	GTG	TAG	0	0
mORF_+_1540529	1540529	1540552	+	2	24	TTG	TGA	0	0
mORF_+_1540580	1540580	1540588	+	2	9	TTG	TAG	0	0
mORF_+_1540613	1540613	1540621	+	2	9	ATG	TGA	0	0
mORF_+_1540641	1540641	1540709	+	3	69	TTG	TGA	0	0
mORF_+_1540754	1540754	1540759	+	2	6	ATG	TAG	0	0
mORF_+_1540805	1540805	1540909	+	2	105	TTG	TGA	0	0
mORF_+_1540906	1540906	1541076	+	1	171	ATG	TAA	0	0
mORF_+_1540949	1540949	1541041	+	2	93	ATG	TAA	0	0
mORF_+_1541048	1541048	1541305	+	2	258	ATG	TAA	0	0
mORF_+_1541196	1541196	1541282	+	3	87	ATG	TAA	0	0
mORF_+_1541326	1541326	1541340	+	1	15	ATG	TAA	0	0
mORF_+_1541361	1541361	1541495	+	3	135	TTG	TGA	0	0
mORF_+_1541411	1541411	1541818	+	2	408	GTG	TAG	0	0
mORF_+_1541535	1541535	1541585	+	3	51	GTG	TAA	0	0
mORF_+_1541602	1541602	1541676	+	1	75	TTG	TAG	0	0
mORF_+_1541613	1541613	1541630	+	3	18	TTG	TGA	0	0
mORF_+_1541655	1541655	1541687	+	3	33	TTG	TAA	0	0
mORF_+_1541719	1541719	1541832	+	1	114	TTG	TAA	0	0
mORF_+_1541760	1541760	1541771	+	3	12	TTG	TAA	0	0
mORF_+_1541832	1541832	1541882	+	3	51	ATG	TAG	0	0
mORF_+_1541872	1541872	1541931	+	1	60	TTG	TAG	0	0
mORF_+_1541903	1541903	1542055	+	2	153	TTG	TAA	0	0
mORF_+_1541995	1541995	1542138	+	1	144	ATG	TAA	0	0
mORF_+_1542078	1542078	1542188	+	3	111	GTG	TGA	0	0
mORF_+_1542086	1542086	1542112	+	2	27	TTG	TAA	0	0
mORF_+_1542173	1542173	1542214	+	2	42	TTG	TAA	0	0
mORF_+_1542189	1542189	1542200	+	3	12	TTG	TAG	0	0
mORF_+_1542228	1542228	1542242	+	3	15	ATG	TAG	0	0
mORF_+_1542249	1542249	1542260	+	3	12	ATG	TAA	0	0
mORF_+_1542251	1542251	1542295	+	2	45	GTG	TAA	0	0
mORF_+_1542261	1542261	1542266	+	3	6	ATG	TAA	0	0
mORF_+_1542299	1542299	1542535	+	2	237	TTG	TAA	0	0
mORF_+_1542307	1542307	1542387	+	1	81	ATG	TAG	0	0
mORF_+_1542312	1542312	1542335	+	3	24	ATG	TGA	0	0
mORF_+_1542393	1542393	1542422	+	3	30	GTG	TGA	0	0
mORF_+_1542478	1542478	1542483	+	1	6	TTG	TAA	0	0
mORF_+_1542505	1542505	1542576	+	1	72	TTG	TAA	0	0
mORF_+_1542577	1542577	1542618	+	1	42	GTG	TAG	0	0
mORF_+_1542579	1542579	1542731	+	3	153	GTG	TAA	0	0
mORF_+_1542590	1542590	1542610	+	2	21	ATG	TAA	0	0
mORF_+_1542665	1542665	1542700	+	2	36	ATG	TAA	0	0
mORF_+_1542707	1542707	1542727	+	2	21	GTG	TAA	0	0
mORF_+_1542733	1542733	1542840	+	1	108	ATG	TAG	0	0
mORF_+_1542789	1542789	1542899	+	3	111	TTG	TAA	0	0
mORF_+_1542848	1542848	1542877	+	2	30	GTG	TAA	0	0
mORF_+_1542889	1542889	1542939	+	1	51	ATG	TAG	0	0
mORF_+_1542933	1542933	1542956	+	3	24	TTG	TGA	0	0
mORF_+_1542949	1542949	1542987	+	1	39	ATG	TAA	0	0
mORF_+_1542960	1542960	1542977	+	3	18	TTG	TAG	0	0
mORF_+_1543002	1543002	1543127	+	3	126	TTG	TGA	0	0
mORF_+_1543046	1543046	1543051	+	2	6	GTG	TAA	0	0
mORF_+_1543054	1543054	1543137	+	1	84	TTG	TGA	0	0
mORF_+_1543067	1543067	1543075	+	2	9	ATG	TAG	0	0
mORF_+_1543124	1543124	1543171	+	2	48	TTG	TAA	0	0
mORF_+_1543172	1543172	1543186	+	2	15	TTG	TAG	0	0
mORF_+_1543187	1543187	1543219	+	2	33	TTG	TGA	0	0
mORF_+_1543195	1543195	1543206	+	1	12	GTG	TAA	0	0
mORF_+_1543219	1543219	1543248	+	1	30	ATG	TGA	0	0
mORF_+_1543271	1543271	1543312	+	2	42	ATG	TGA	0	0
mORF_+_1543273	1543273	1543278	+	1	6	GTG	TAA	0	0

mORF_+_1543309	1543309	1543380	+	1	72	TTG	TGA	0	0	
mORF_+_1543359	1543359	1543433	+	3	75	TTG	TGA	0	0	
mORF_+_1543373	1543373	1543441	+	2	69	ATG	TAA	0	0	
mORF_+_1543405	1543405	1543410	+	1	6	ATG	TGA	0	0	
mORF_+_1543426	1543426	1543446	+	1	21	GTG	TAA	0	0	
mORF_+_1543434	1543434	1543586	+	3	153	GTG	TGA	0	0	
mORF_+_1543517	1543517	1543552	+	2	36	TTG	TAA	0	0	
mORF_+_1543519	1543519	1543539	+	1	21	GTG	TGA	0	0	
mORF_+_1543556	1543556	1543573	+	2	18	ATG	TGA	0	0	
mORF_+_1543570	1543570	1543647	+	1	78	TTG	TAG	0	0	
mORF_+_1543583	1543583	1543609	+	2	27	TTG	TAA	0	0	
mORF_+_1543590	1543590	1543712	+	3	123	ATG	TGA	0	0	
mORF_+_1543664	1543664	1543687	+	2	24	ATG	TAA	0	0	
mORF_+_1543666	1543666	1543692	+	1	27	GTG	TGA	0	0	
mORF_+_1543693	1543693	1543725	+	1	33	TTG	TAA	0	0	
mORF_+_1543709	1543709	1543720	+	2	12	ATG	TAA	0	0	
mORF_+_1543713	1543713	1543745	+	3	33	TTG	TGA	0	0	
mORF_+_1543742	1543742	1543756	+	2	15	GTG	TAA	0	0	
mORF_+_1543772	1543772	1543804	+	2	33	TTG	TAG	0	0	
mORF_+_1543825	1543825	1543932	+	1	108	GTG	TAG	0	0	
mORF_+_1543850	1543850	1543888	+	2	39	TTG	TAA	0	0	
mORF_+_1543943	1543943	1543951	+	2	9	TTG	TAA	0	0	
mORF_+_1543973	1543973	1543981	+	2	9	TTG	TAG	0	0	
mORF_+_1543993	1543993	1544013	+	1	21	GTG	TAA	0	0	
mORF_+_1543995	1543995	1544093	+	3	99	GTG	TAA	0	0	
mORF_+_1544121	1544121	1544138	+	3	18	ATG	TAA	0	0	
mORF_+_1544145	1544145	1544177	+	3	33	ATG	TGA	0	0	
mORF_+_1544161	1544161	1544202	+	1	42	ATG	TGA	0	0	
mORF_+_1544174	1544174	1544182	+	2	9	ATG	TAA	0	0	
mORF_+_1544199	1544199	1544279	+	3	81	GTG	TGA	0	0	
mORF_+_1544323	1544323	1544403	+	1	81	GTG	TGA	0	0	
mORF_+_1544372	1544372	1544425	+	2	54	TTG	TGA	0	0	
mORF_+_1544463	1544463	1544507	+	3	45	ATG	TAA	0	0	
mORF_+_1544477	1544477	1544518	+	2	42	ATG	TAA	0	0	
mORF_+_1544497	1544497	1544523	+	1	27	ATG	TAA	0	0	
mORF_+_1544524	1544524	1544538	+	1	15	ATG	TGA	0	0	
mORF_+_1544535	1544535	1544594	+	3	60	ATG	TAG	0	0	
mORF_+_1544576	1544576	1544620	+	2	45	TTG	TAG	0	0	
mORF_+_1544578	1544578	1544586	+	1	9	GTG	TAA	0	0	
mORF_+_1544608	1544608	1544637	+	1	30	TTG	TAA	0	0	
mORF_+_1544653	1544653	1544694	+	1	42	GTG	TAA	0	0	
mORF_+_1544673	1544673	1544681	+	3	9	GTG	TAG	0	0	
mORF_+_1544703	1544703	1544720	+	3	18	ATG	TAA	0	0	
mORF_+_1544725	1544725	1544739	+	1	15	ATG	TGA	0	0	
mORF_+_1544733	1544733	1544762	+	3	30	GTG	TAA	0	0	
mORF_+_1544762	1544762	1544767	+	2	6	ATG	TAA	0	0	
mORF_+_1544772	1544772	1544849	+	3	78	TTG	TGA	0	0	
mORF_+_1544862	1544862	1544897	+	3	36	ATG	TAG	0	0	
mORF_+_1544875	1544875	1544976	+	1	102	TTG	TGA	0	0	
mORF_+_1544924	1544924	1544947	+	2	24	ATG	TAA	0	0	
mORF_+_1545017	1545017	1545052	+	2	36	TTG	TAA	0	0	
mORF_+_1545042	1545042	1545074	+	3	33	GTG	TAG	0	0	
mORF_+_1545067	1545067	1545078	+	1	12	ATG	TAG	0	0	
mORF_+_1545138	1545138	1545254	+	3	117	GTG	TAA	0	0	
mORF_+_1545175	1545175	1545222	+	1	48	TTG	TAA	0	0	
mORF_+_1545182	1545182	1545229	+	2	48	TTG	TAA	0	0	
mORF_+_1545270	1545270	1545350	+	3	81	GTG	TGA	0	0	
mORF_+_1545292	1545292	1545300	+	1	9	TTG	TAG	0	0	
mORF_+_1545307	1545307	1545384	+	1	78	TTG	TAG	0	0	
mORF_+_1545338	1545338	1545400	+	2	63	ATG	TAA	0	0	
mORF_+_1545425	1545425	1546012	+	2	588	ATG	TGA	3	0	pORF_+_1545425
mORF_+_1545501	1545501	1545590	+	3	90	TTG	TAG	0	0	
mORF_+_1545592	1545592	1545612	+	1	21	TTG	TAG	0	0	

mORF_+_1545618	1545618	1545683	+	3	66	GTG	TAA	0	0	
mORF_+_1545687	1545687	1545833	+	3	147	GTG	TGA	0	0	
mORF_+_1545697	1545697	1545738	+	1	42	GTG	TGA	0	0	
mORF_+_1545784	1545784	1545798	+	1	15	ATG	TAG	0	0	
mORF_+_1545846	1545846	1545884	+	3	39	GTG	TAA	0	0	
mORF_+_1545895	1545895	1546095	+	1	201	TTG	TAA	0	0	
mORF_+_1545918	1545918	1545953	+	3	36	GTG	TGA	0	0	
mORF_+_1545963	1545963	1545992	+	3	30	TTG	TAG	0	0	
mORF_+_1546035	1546035	1546064	+	3	30	TTG	TGA	0	0	
mORF_+_1546061	1546061	1548472	+	2	2412	ATG	TAA	7	0	pORF_+_1546061
mORF_+_1546194	1546194	1546298	+	3	105	TTG	TGA	0	0	
mORF_+_1546362	1546362	1546487	+	3	126	GTG	TGA	0	0	
mORF_+_1546500	1546500	1546517	+	3	18	GTG	TGA	0	0	
mORF_+_1546504	1546504	1546554	+	1	51	GTG	TGA	0	0	
mORF_+_1546551	1546551	1546589	+	3	39	TTG	TGA	0	0	
mORF_+_1546594	1546594	1546599	+	1	6	GTG	TGA	0	0	
mORF_+_1546596	1546596	1546706	+	3	111	GTG	TGA	0	0	
mORF_+_1546740	1546740	1546751	+	3	12	GTG	TGA	0	0	
mORF_+_1546761	1546761	1546787	+	3	27	GTG	TGA	0	0	
mORF_+_1546851	1546851	1546910	+	3	60	TTG	TGA	0	0	
mORF_+_1546962	1546962	1547054	+	3	93	ATG	TGA	0	0	
mORF_+_1547014	1547014	1547061	+	1	48	GTG	TGA	0	0	
mORF_+_1547058	1547058	1547135	+	3	78	ATG	TGA	0	0	
mORF_+_1547214	1547214	1547441	+	3	228	GTG	TAG	0	0	
mORF_+_1547326	1547326	1547367	+	1	42	GTG	TAA	0	0	
mORF_+_1547541	1547541	1547585	+	3	45	ATG	TGA	0	0	
mORF_+_1547592	1547592	1547816	+	3	225	TTG	TGA	0	0	
mORF_+_1547629	1547629	1547649	+	1	21	TTG	TAG	0	0	
mORF_+_1547722	1547722	1547790	+	1	69	ATG	TAA	0	0	
mORF_+_1547794	1547794	1547847	+	1	54	GTG	TAA	0	0	
mORF_+_1547868	1547868	1548116	+	3	249	ATG	TGA	0	0	
mORF_+_1548162	1548162	1548284	+	3	123	TTG	TAA	0	0	
mORF_+_1548306	1548306	1548311	+	3	6	ATG	TAA	0	0	
mORF_+_1548312	1548312	1548398	+	3	87	ATG	TGA	0	0	
mORF_+_1548405	1548405	1548452	+	3	48	ATG	TAG	0	0	
mORF_+_1548485	1548485	1549369	+	2	885	ATG	TAA	1	0	pORF_+_1548485
mORF_+_1548555	1548555	1548701	+	3	147	GTG	TGA	0	0	
mORF_+_1548628	1548628	1548654	+	1	27	GTG	TGA	0	0	
mORF_+_1548760	1548760	1548774	+	1	15	GTG	TAA	0	0	
mORF_+_1548792	1548792	1548812	+	3	21	GTG	TGA	0	0	
mORF_+_1548817	1548817	1548852	+	1	36	GTG	TAA	0	0	
mORF_+_1548831	1548831	1549013	+	3	183	GTG	TGA	0	0	
mORF_+_1548910	1548910	1548921	+	1	12	GTG	TAA	0	0	
mORF_+_1548961	1548961	1549332	+	1	372	ATG	TAA	0	0	
mORF_+_1549101	1549101	1549235	+	3	135	GTG	TAA	0	0	
mORF_+_1549281	1549281	1549301	+	3	21	TTG	TGA	0	0	
mORF_+_1549320	1549320	1550015	+	3	696	TTG	TAA	0	0	
mORF_+_1549381	1549381	1549428	+	1	48	TTG	TGA	0	0	
mORF_+_1549430	1549430	1549609	+	2	180	TTG	TAA	0	0	
mORF_+_1549546	1549546	1549566	+	1	21	TTG	TGA	0	0	
mORF_+_1549576	1549576	1549632	+	1	57	TTG	TGA	0	0	
mORF_+_1549622	1549622	1549660	+	2	39	GTG	TGA	0	0	
mORF_+_1549636	1549636	1549650	+	1	15	TTG	TGA	0	0	
mORF_+_1549657	1549657	1549707	+	1	51	ATG	TGA	0	0	
mORF_+_1549777	1549777	1549821	+	1	45	TTG	TGA	0	0	
mORF_+_1549883	1549883	1549903	+	2	21	TTG	TAA	0	0	
mORF_+_1549966	1549966	1550025	+	1	60	GTG	TGA	0	0	
mORF_+_1550022	1550022	1550051	+	3	30	TTG	TAA	0	0	
mORF_+_1550069	1550069	1550074	+	2	6	TTG	TAG	0	0	
mORF_+_1550087	1550087	1550110	+	2	24	TTG	TGA	0	0	
mORF_+_1550100	1550100	1550252	+	3	153	ATG	TAG	0	0	
mORF_+_1550107	1550107	1550148	+	1	42	GTG	TAG	0	0	
mORF_+_1550150	1550150	1550158	+	2	9	TTG	TGA	0	0	

mORF_+_1550155	1550155	1550166	+	1	12	GTG	TAG	0	0
mORF_+_1550218	1550218	1550229	+	1	12	ATG	TAA	0	0
mORF_+_1550265	1550265	1550288	+	3	24	TTG	TGA	0	0
mORF_+_1550278	1550278	1550409	+	1	132	ATG	TAA	0	0
mORF_+_1550285	1550285	1550326	+	2	42	GTG	TAG	0	0
mORF_+_1550328	1550328	1550336	+	3	9	TTG	TGA	0	0
mORF_+_1550333	1550333	1550344	+	2	12	GTG	TAG	0	0
mORF_+_1550396	1550396	1550668	+	2	273	ATG	TGA	0	0
mORF_+_1550425	1550425	1550445	+	1	21	TTG	TAA	0	0
mORF_+_1550494	1550494	1550601	+	1	108	TTG	TGA	0	0
mORF_+_1550592	1550592	1550642	+	3	51	TTG	TGA	0	0
mORF_+_1550658	1550658	1550672	+	3	15	GTG	TAA	0	0
mORF_+_1550672	1550672	1550692	+	2	21	ATG	TGA	0	0
mORF_+_1550689	1550689	1550709	+	1	21	ATG	TAG	0	0
mORF_+_1550693	1550693	1550779	+	2	87	TTG	TAA	0	0
mORF_+_1550709	1550709	1550855	+	3	147	GTG	TAG	0	0
mORF_+_1550806	1550806	1550910	+	1	105	GTG	TAA	0	0
mORF_+_1550813	1550813	1550932	+	2	120	ATG	TAA	0	0
mORF_+_1550874	1550874	1551176	+	3	303	ATG	TGA	0	0
mORF_+_1551052	1551052	1551072	+	1	21	GTG	TAG	0	0
mORF_+_1551173	1551173	1551226	+	2	54	GTG	TGA	0	0
mORF_+_1551204	1551204	1551362	+	3	159	TTG	TAG	0	0
mORF_+_1551223	1551223	1551231	+	1	9	GTG	TAA	0	0
mORF_+_1551256	1551256	1551282	+	1	27	TTG	TGA	0	0
mORF_+_1551326	1551326	1551394	+	2	69	TTG	TGA	0	0
mORF_+_1551391	1551391	1551402	+	1	12	TTG	TAA	0	0
mORF_+_1551408	1551408	1551413	+	3	6	TTG	TAG	0	0
mORF_+_1551414	1551414	1551485	+	3	72	GTG	TAA	0	0
mORF_+_1551498	1551498	1551593	+	3	96	ATG	TGA	0	0
mORF_+_1551590	1551590	1551643	+	2	54	ATG	TAA	0	0
mORF_+_1551643	1551643	1551651	+	1	9	ATG	TGA	0	0
mORF_+_1551648	1551648	1551740	+	3	93	GTG	TGA	0	0
mORF_+_1551689	1551689	1551802	+	2	114	ATG	TGA	0	0
mORF_+_1551799	1551799	1551822	+	1	24	GTG	TAA	0	0
mORF_+_1551830	1551830	1551901	+	2	72	ATG	TGA	0	0
mORF_+_1551879	1551879	1551947	+	3	69	ATG	TGA	0	0
mORF_+_1551898	1551898	1551966	+	1	69	GTG	TAG	0	0
mORF_+_1552000	1552000	1552017	+	1	18	ATG	TAG	0	0
mORF_+_1552032	1552032	1552202	+	3	171	TTG	TGA	0	0
mORF_+_1552051	1552051	1552149	+	1	99	ATG	TGA	0	0
mORF_+_1552130	1552130	1552249	+	2	120	TTG	TGA	0	0
mORF_+_1552246	1552246	1552329	+	1	84	GTG	TAG	0	0
mORF_+_1552253	1552253	1552273	+	2	21	GTG	TAA	0	0
mORF_+_1552369	1552369	1552821	+	1	453	GTG	TGA	0	0
mORF_+_1552415	1552415	1552444	+	2	30	GTG	TAG	0	0
mORF_+_1552473	1552473	1552526	+	3	54	GTG	TGA	0	0
mORF_+_1552574	1552574	1552609	+	2	36	GTG	TGA	0	0
mORF_+_1552838	1552838	1552894	+	2	57	TTG	TAA	0	0
mORF_+_1552852	1552852	1552881	+	1	30	GTG	TGA	0	0
mORF_+_1552882	1552882	1552917	+	1	36	ATG	TAG	0	0
mORF_+_1552944	1552944	1553330	+	3	387	TTG	TGA	0	0
mORF_+_1553038	1553038	1553160	+	1	123	GTG	TAG	0	0
mORF_+_1553182	1553182	1553310	+	1	129	ATG	TAA	0	0
mORF_+_1553327	1553327	1553389	+	2	63	GTG	TAA	0	0
mORF_+_1553409	1553409	1553561	+	3	153	ATG	TAA	0	0
mORF_+_1553413	1553413	1553430	+	1	18	TTG	TAG	0	0
mORF_+_1553446	1553446	1553469	+	1	24	GTG	TAG	0	0
mORF_+_1553470	1553470	1553502	+	1	33	ATG	TGA	0	0
mORF_+_1553513	1553513	1553575	+	2	63	ATG	TGA	0	0
mORF_+_1553536	1553536	1553652	+	1	117	ATG	TAA	0	0
mORF_+_1553678	1553678	1553839	+	2	162	TTG	TGA	0	0
mORF_+_1553692	1553692	1553712	+	1	21	ATG	TGA	0	0
mORF_+_1553709	1553709	1553777	+	3	69	TTG	TAA	0	0

mORF_+_1553743	1553743	1553832	+	1	90	TTG	TGA	0	0	
mORF_+_1553829	1553829	1554008	+	3	180	TTG	TAG	0	0	
mORF_+_1553839	1553839	1553964	+	1	126	ATG	TGA	0	0	
mORF_+_1553879	1553879	1553917	+	2	39	TTG	TAA	0	0	
mORF_+_1553966	1553966	1553992	+	2	27	GTG	TAA	0	0	
mORF_+_1554047	1554047	1554061	+	2	15	GTG	TAA	0	0	
mORF_+_1554068	1554068	1554277	+	2	210	TTG	TGA	0	0	
mORF_+_1554123	1554123	1554140	+	3	18	TTG	TAG	0	0	
mORF_+_1554153	1554153	1554290	+	3	138	ATG	TGA	0	0	
mORF_+_1554226	1554226	1554255	+	1	30	GTG	TAA	0	0	
mORF_+_1554274	1554274	1554300	+	1	27	TTG	TAA	0	0	
mORF_+_1554306	1554306	1554401	+	3	96	GTG	TAA	0	0	
mORF_+_1554316	1554316	1554360	+	1	45	GTG	TAA	0	0	
mORF_+_1554373	1554373	1554417	+	1	45	ATG	TGA	0	0	
mORF_+_1554395	1554395	1554442	+	2	48	TTG	TGA	0	0	
mORF_+_1554414	1554414	1554434	+	3	21	TTG	TAA	0	0	
mORF_+_1554439	1554439	1554540	+	1	102	ATG	TAA	0	0	
mORF_+_1554455	1554455	1554460	+	2	6	TTG	TGA	0	0	
mORF_+_1554461	1554461	1554469	+	2	9	TTG	TGA	0	0	
mORF_+_1554522	1554522	1554611	+	3	90	TTG	TAG	0	0	
mORF_+_1554524	1554524	1554535	+	2	12	GTG	TAA	0	0	
mORF_+_1554541	1554541	1554552	+	1	12	GTG	TAA	0	0	
mORF_+_1554649	1554649	1555080	+	1	432	ATG	TAA	29	461	pORF_+_1554649
mORF_+_1554725	1554725	1554736	+	2	12	GTG	TGA	0	0	
mORF_+_1554749	1554749	1554802	+	2	54	ATG	TGA	0	0	
mORF_+_1554803	1554803	1554847	+	2	45	TTG	TAA	0	0	
mORF_+_1554822	1554822	1554884	+	3	63	ATG	TGA	0	0	
mORF_+_1554881	1554881	1554949	+	2	69	TTG	TGA	0	0	
mORF_+_1554953	1554953	1555000	+	2	48	GTG	TAA	0	0	
mORF_+_1555020	1555020	1555130	+	3	111	ATG	TAG	0	0	
mORF_+_1555085	1555085	1555111	+	2	27	TTG	TGA	0	0	
mORF_+_1555108	1555108	1555119	+	1	12	GTG	TGA	0	0	
mORF_+_1555112	1555112	1555186	+	2	75	ATG	TAA	0	0	
mORF_+_1555180	1555180	1555518	+	1	339	TTG	TGA	0	0	
mORF_+_1555190	1555190	1555288	+	2	99	TTG	TAA	0	0	
mORF_+_1555257	1555257	1555442	+	3	186	GTG	TGA	0	0	
mORF_+_1555355	1555355	1555465	+	2	111	ATG	TGA	0	0	
mORF_+_1555458	1555458	1555478	+	3	21	TTG	TAG	0	0	
mORF_+_1555487	1555487	1555501	+	2	15	GTG	TAG	0	0	
mORF_+_1555515	1555515	1555532	+	3	18	TTG	TGA	0	0	
mORF_+_1555555	1555555	1555734	+	1	180	TTG	TAG	0	0	
mORF_+_1555605	1555605	1555643	+	3	39	ATG	TGA	0	0	
mORF_+_1555616	1555616	1555774	+	2	159	TTG	TAA	0	0	
mORF_+_1555752	1555752	1555805	+	3	54	GTG	TGA	0	0	
mORF_+_1555821	1555821	1555976	+	3	156	ATG	TGA	0	0	
mORF_+_1555826	1555826	1555831	+	2	6	TTG	TGA	0	0	
mORF_+_1555828	1555828	1555968	+	1	141	GTG	TAA	0	0	
mORF_+_1555853	1555853	1555879	+	2	27	GTG	TAA	0	0	
mORF_+_1555973	1555973	1556041	+	2	69	ATG	TAA	0	0	
mORF_+_1556022	1556022	1556234	+	3	213	TTG	TAA	0	0	
mORF_+_1556104	1556104	1556163	+	1	60	TTG	TAG	0	0	
mORF_+_1556147	1556147	1556203	+	2	57	GTG	TGA	0	0	
mORF_+_1556200	1556200	1556304	+	1	105	GTG	TGA	0	0	
mORF_+_1556207	1556207	1556311	+	2	105	TTG	TAA	0	0	
mORF_+_1556253	1556253	1556570	+	3	318	ATG	TGA	0	0	
mORF_+_1556404	1556404	1556586	+	1	183	ATG	TAG	0	0	
mORF_+_1556531	1556531	1556596	+	2	66	ATG	TAA	0	0	
mORF_+_1556616	1556616	1556867	+	3	252	TTG	TAG	0	0	
mORF_+_1556669	1556669	1556728	+	2	60	TTG	TGA	0	0	
mORF_+_1556725	1556725	1556748	+	1	24	TTG	TGA	0	0	
mORF_+_1556765	1556765	1556806	+	2	42	GTG	TAA	0	0	
mORF_+_1556885	1556885	1556893	+	2	9	TTG	TGA	0	0	
mORF_+_1556890	1556890	1556976	+	1	87	GTG	TGA	0	0	

mORF_+_1556973	1556973	1557158	+	3	186	GTG	TGA	0	0	
mORF_+_1557019	1557019	1557102	+	1	84	ATG	TAA	0	0	
mORF_+_1557139	1557139	1557234	+	1	96	ATG	TAA	0	0	
mORF_+_1557171	1557171	1557218	+	3	48	TTG	TGA	0	0	
mORF_+_1557212	1557212	1557256	+	2	45	TTG	TAA	0	0	
mORF_+_1557243	1557243	1557371	+	3	129	GTG	TGA	0	0	
mORF_+_1557280	1557280	1557330	+	1	51	ATG	TGA	0	0	
mORF_+_1557320	1557320	1557397	+	2	78	ATG	TAA	0	0	
mORF_+_1557397	1557397	1557444	+	1	48	ATG	TAG	0	0	
mORF_+_1557401	1557401	1557586	+	2	186	TTG	TAG	0	0	
mORF_+_1557456	1557456	1557656	+	3	201	ATG	TGA	1	2	pORF_+_1557456
mORF_+_1557493	1557493	1557531	+	1	39	GTG	TAA	0	0	
mORF_+_1557646	1557646	1557678	+	1	33	TTG	TAA	0	0	
mORF_+_1557650	1557650	1557748	+	2	99	TTG	TAA	0	0	
mORF_+_1557702	1557702	1557998	+	3	297	GTG	TGA	0	0	
mORF_+_1557767	1557767	1557787	+	2	21	ATG	TGA	0	0	
mORF_+_1557784	1557784	1557819	+	1	36	GTG	TGA	0	0	
mORF_+_1557871	1557871	1557882	+	1	12	TTG	TAA	0	0	
mORF_+_1557890	1557890	1557928	+	2	39	TTG	TAG	0	0	
mORF_+_1557898	1557898	1558017	+	1	120	GTG	TGA	0	0	
mORF_+_1557995	1557995	1558009	+	2	15	TTG	TAA	0	0	
mORF_+_1558014	1558014	1558118	+	3	105	ATG	TGA	0	0	
mORF_+_1558115	1558115	1558198	+	2	84	GTG	TAA	0	0	
mORF_+_1558170	1558170	1558343	+	3	174	ATG	TGA	0	0	
mORF_+_1558247	1558247	1558252	+	2	6	ATG	TAG	0	0	
mORF_+_1558264	1558264	1558281	+	1	18	TTG	TGA	0	0	
mORF_+_1558309	1558309	1558329	+	1	21	GTG	TAA	0	0	
mORF_+_1558340	1558340	1558405	+	2	66	ATG	TAA	0	0	
mORF_+_1558345	1558345	1558839	+	1	495	ATG	TAA	0	0	
mORF_+_1558422	1558422	1558496	+	3	75	TTG	TGA	0	0	
mORF_+_1558493	1558493	1558561	+	2	69	ATG	TGA	0	0	
mORF_+_1558521	1558521	1558538	+	3	18	GTG	TAA	0	0	
mORF_+_1558595	1558595	1558729	+	2	135	ATG	TGA	0	0	
mORF_+_1558620	1558620	1558742	+	3	123	GTG	TGA	0	0	
mORF_+_1558767	1558767	1558811	+	3	45	GTG	TAG	0	0	
mORF_+_1558864	1558864	1558935	+	1	72	ATG	TAA	0	0	
mORF_+_1558965	1558965	1559045	+	3	81	ATG	TAG	0	0	
mORF_+_1559039	1559039	1559158	+	2	120	TTG	TAA	0	0	
mORF_+_1559082	1559082	1559108	+	3	27	ATG	TAG	0	0	
mORF_+_1559095	1559095	1559238	+	1	144	GTG	TAA	0	0	
mORF_+_1559133	1559133	1559183	+	3	51	GTG	TAG	0	0	
mORF_+_1559211	1559211	1559231	+	3	21	TTG	TAA	0	0	
mORF_+_1559271	1559271	1559291	+	3	21	TTG	TAA	0	0	
mORF_+_1559316	1559316	1559423	+	3	108	ATG	TAG	0	0	
mORF_+_1559375	1559375	1559686	+	2	312	TTG	TGA	0	0	
mORF_+_1559377	1559377	1559394	+	1	18	GTG	TAG	0	0	
mORF_+_1559439	1559439	1559519	+	3	81	GTG	TAG	0	0	
mORF_+_1559503	1559503	1559583	+	1	81	TTG	TAA	0	0	
mORF_+_1559526	1559526	1559594	+	3	69	ATG	TGA	0	0	
mORF_+_1559613	1559613	1559636	+	3	24	ATG	TGA	0	0	
mORF_+_1559649	1559649	1559672	+	3	24	TTG	TAG	0	0	
mORF_+_1559683	1559683	1559706	+	1	24	GTG	TGA	0	0	
mORF_+_1559703	1559703	1559738	+	3	36	TTG	TGA	0	0	
mORF_+_1559735	1559735	1559881	+	2	147	TTG	TAA	0	0	
mORF_+_1559760	1559760	1559858	+	3	99	ATG	TAA	0	0	
mORF_+_1559866	1559866	1559913	+	1	48	TTG	TAA	0	0	
mORF_+_1559882	1559882	1559980	+	2	99	TTG	TAA	0	0	
mORF_+_1559914	1559914	1559994	+	1	81	ATG	TGA	0	0	
mORF_+_1559991	1559991	1560026	+	3	36	TTG	TAG	0	0	
mORF_+_1560001	1560001	1560051	+	1	51	ATG	TAA	0	0	
mORF_+_1560044	1560044	1560094	+	2	51	TTG	TAA	0	0	
mORF_+_1560099	1560099	1560233	+	3	135	TTG	TGA	0	0	
mORF_+_1560106	1560106	1560174	+	1	69	ATG	TGA	0	0	

mORF_+_1560178	1560178	1560198	+	1	21	GTG	TAG	0	0
mORF_+_1560230	1560230	1560283	+	2	54	TTG	TGA	0	0
mORF_+_1560256	1560256	1560507	+	1	252	TTG	TGA	0	0
mORF_+_1560303	1560303	1560311	+	3	9	TTG	TGA	0	0
mORF_+_1560383	1560383	1560526	+	2	144	TTG	TGA	0	0
mORF_+_1560453	1560453	1560518	+	3	66	GTG	TGA	0	0
mORF_+_1560528	1560528	1560599	+	3	72	GTG	TAA	0	0
mORF_+_1560533	1560533	1560550	+	2	18	GTG	TAA	0	0
mORF_+_1560535	1560535	1560564	+	1	30	GTG	TGA	0	0
mORF_+_1560606	1560606	1560917	+	3	312	GTG	TAA	0	0
mORF_+_1560673	1560673	1560681	+	1	9	TTG	TGA	0	0
mORF_+_1560757	1560757	1560810	+	1	54	ATG	TGA	0	0
mORF_+_1560875	1560875	1560940	+	2	66	GTG	TGA	0	0
mORF_+_1560934	1560934	1560996	+	1	63	ATG	TGA	0	0
mORF_+_1560972	1560972	1560977	+	3	6	GTG	TAA	0	0
mORF_+_1560990	1560990	1561073	+	3	84	TTG	TAA	0	0
mORF_+_1561012	1561012	1561191	+	1	180	GTG	TAA	0	0
mORF_+_1561155	1561155	1561262	+	3	108	ATG	TAA	0	0
mORF_+_1561160	1561160	1561171	+	2	12	ATG	TAA	0	0
mORF_+_1561210	1561210	1561233	+	1	24	TTG	TAG	0	0
mORF_+_1561223	1561223	1561309	+	2	87	GTG	TGA	0	0
mORF_+_1561306	1561306	1561323	+	1	18	GTG	TAA	0	0
mORF_+_1561324	1561324	1561443	+	1	120	ATG	TAA	0	0
mORF_+_1561338	1561338	1561439	+	3	102	GTG	TGA	0	0
mORF_+_1561355	1561355	1561375	+	2	21	TTG	TAA	0	0
mORF_+_1561451	1561451	1561465	+	2	15	GTG	TAG	0	0
mORF_+_1561458	1561458	1561706	+	3	249	TTG	TGA	0	0
mORF_+_1561475	1561475	1561513	+	2	39	TTG	TAA	0	0
mORF_+_1561523	1561523	1561552	+	2	30	TTG	TAA	0	0
mORF_+_1561707	1561707	1561814	+	3	108	ATG	TGA	0	0
mORF_+_1561730	1561730	1561864	+	2	135	GTG	TAA	0	0
mORF_+_1561798	1561798	1561818	+	1	21	TTG	TAG	0	0
mORF_+_1561874	1561874	1561903	+	2	30	ATG	TAA	0	0
mORF_+_1561923	1561923	1561997	+	3	75	ATG	TGA	0	0
mORF_+_1561981	1561981	1562103	+	1	123	GTG	TAA	0	0
mORF_+_1561994	1561994	1562128	+	2	135	ATG	TAA	0	0
mORF_+_1562034	1562034	1562078	+	3	45	ATG	TAA	0	0
mORF_+_1562097	1562097	1562207	+	3	111	TTG	TAA	0	0
mORF_+_1562212	1562212	1562268	+	1	57	TTG	TGA	0	0
mORF_+_1562217	1562217	1562222	+	3	6	TTG	TGA	0	0
mORF_+_1562219	1562219	1562338	+	2	120	GTG	TAG	0	0
mORF_+_1562226	1562226	1562240	+	3	15	GTG	TAA	0	0
mORF_+_1562268	1562268	1562426	+	3	159	ATG	TGA	0	0
mORF_+_1562351	1562351	1562740	+	2	390	TTG	TGA	0	0
mORF_+_1562433	1562433	1562477	+	3	45	TTG	TGA	0	0
mORF_+_1562470	1562470	1562535	+	1	66	ATG	TGA	0	0
mORF_+_1562532	1562532	1562582	+	3	51	ATG	TAA	0	0
mORF_+_1562583	1562583	1562651	+	3	69	TTG	TGA	0	0
mORF_+_1562602	1562602	1562634	+	1	33	TTG	TGA	0	0
mORF_+_1562753	1562753	1562800	+	2	48	TTG	TGA	0	0
mORF_+_1562790	1562790	1562819	+	3	30	ATG	TGA	0	0
mORF_+_1562807	1562807	1562842	+	2	36	TTG	TGA	0	0
mORF_+_1562839	1562839	1562901	+	1	63	ATG	TGA	0	0
mORF_+_1562849	1562849	1563154	+	2	306	GTG	TAG	0	0
mORF_+_1562865	1562865	1562945	+	3	81	TTG	TGA	0	0
mORF_+_1562947	1562947	1563015	+	1	69	ATG	TGA	0	0
mORF_+_1562964	1562964	1563065	+	3	102	ATG	TAA	0	0
mORF_+_1563105	1563105	1563134	+	3	30	GTG	TGA	0	0
mORF_+_1563161	1563161	1563166	+	2	6	TTG	TAA	0	0
mORF_+_1563171	1563171	1563248	+	3	78	ATG	TAA	0	0
mORF_+_1563208	1563208	1563240	+	1	33	GTG	TAA	0	0
mORF_+_1563265	1563265	1563342	+	1	78	ATG	TAA	0	0
mORF_+_1563273	1563273	1563407	+	3	135	TTG	TAA	0	0

mORF_+_1563287	1563287	1563439	+	2	153	ATG	TAG	0	0	
mORF_+_1563531	1563531	1563536	+	3	6	TTG	TGA	0	0	
mORF_+_1563533	1563533	1563679	+	2	147	GTG	TAA	0	0	
mORF_+_1563540	1563540	1563785	+	3	246	ATG	TAA	0	0	
mORF_+_1563698	1563698	1563751	+	2	54	TTG	TAG	0	0	
mORF_+_1563828	1563828	1563860	+	3	33	TTG	TGA	0	0	
mORF_+_1563857	1563857	1563916	+	2	60	TTG	TGA	0	0	
mORF_+_1563861	1563861	1563875	+	3	15	ATG	TAG	0	0	
mORF_+_1563894	1563894	1564049	+	3	156	ATG	TAG	0	0	
mORF_+_1563913	1563913	1564029	+	1	117	GTG	TGA	0	0	
mORF_+_1564077	1564077	1564085	+	3	9	TTG	TAA	0	0	
mORF_+_1564122	1564122	1564415	+	3	294	GTG	TGA	0	0	
mORF_+_1564127	1564127	1564183	+	2	57	ATG	TGA	0	0	
mORF_+_1564189	1564189	1564227	+	1	39	GTG	TGA	0	0	
mORF_+_1564208	1564208	1564240	+	2	33	ATG	TAG	0	0	
mORF_+_1564286	1564286	1564357	+	2	72	GTG	TAA	0	0	
mORF_+_1564412	1564412	1564531	+	2	120	TTG	TAA	0	0	
mORF_+_1564416	1564416	1564439	+	3	24	TTG	TGA	0	0	
mORF_+_1564591	1564591	1564695	+	1	105	ATG	TAA	0	0	
mORF_+_1564610	1564610	1564645	+	2	36	TTG	TAA	0	0	
mORF_+_1564751	1564751	1564906	+	2	156	ATG	TAG	0	0	
mORF_+_1564863	1564863	1565039	+	3	177	ATG	TAA	0	0	
mORF_+_1564985	1564985	1565260	+	2	276	TTG	TGA	0	0	
mORF_+_1565097	1565097	1565210	+	3	114	ATG	TGA	0	0	
mORF_+_1565257	1565257	1565271	+	1	15	ATG	TGA	0	0	
mORF_+_1565352	1565352	1565399	+	3	48	GTG	TAG	0	0	
mORF_+_1565369	1565369	1565431	+	2	63	ATG	TAA	0	0	
mORF_+_1565406	1565406	1565417	+	3	12	ATG	TAA	0	0	
mORF_+_1565422	1565422	1565436	+	1	15	GTG	TGA	0	0	
mORF_+_1565424	1565424	1565441	+	3	18	GTG	TAA	0	0	
mORF_+_1565448	1565448	1565471	+	3	24	ATG	TAA	0	0	
mORF_+_1565458	1565458	1565466	+	1	9	GTG	TAG	0	0	
mORF_+_1565487	1565487	1565531	+	3	45	GTG	TAA	0	0	
mORF_+_1565504	1565504	1565704	+	2	201	TTG	TGA	0	0	
mORF_+_1565607	1565607	1565723	+	3	117	ATG	TAG	0	0	
mORF_+_1565701	1565701	1565763	+	1	63	TTG	TAA	0	0	
mORF_+_1565782	1565782	1565970	+	1	189	TTG	TAA	0	0	
mORF_+_1565831	1565831	1565941	+	2	111	TTG	TGA	0	0	
mORF_+_1565841	1565841	1565846	+	3	6	ATG	TAA	0	0	
mORF_+_1565877	1565877	1565888	+	3	12	GTG	TAG	0	0	
mORF_+_1565994	1565994	1566035	+	3	42	ATG	TGA	0	0	
mORF_+_1566008	1566008	1566028	+	2	21	GTG	TAA	0	0	
mORF_+_1566019	1566019	1566201	+	1	183	TTG	TGA	0	0	
mORF_+_1566039	1566039	1566134	+	3	96	TTG	TAG	0	0	
mORF_+_1566198	1566198	1566212	+	3	15	GTG	TGA	0	0	
mORF_+_1566222	1566222	1566284	+	3	63	ATG	TAG	0	0	
mORF_+_1566272	1566272	1566691	+	2	420	GTG	TGA	1	2	pORF_+_1566272
mORF_+_1566309	1566309	1566362	+	3	54	GTG	TAG	0	0	
mORF_+_1566396	1566396	1566434	+	3	39	TTG	TAA	0	0	
mORF_+_1566490	1566490	1566519	+	1	30	ATG	TGA	0	0	
mORF_+_1566516	1566516	1566560	+	3	45	TTG	TGA	0	0	
mORF_+_1566567	1566567	1566866	+	3	300	TTG	TAA	0	0	
mORF_+_1566637	1566637	1566813	+	1	177	GTG	TAA	0	0	
mORF_+_1566695	1566695	1566721	+	2	27	TTG	TGA	0	0	
mORF_+_1566848	1566848	1566940	+	2	93	ATG	TGA	0	0	
mORF_+_1566850	1566850	1566903	+	1	54	GTG	TAA	0	0	
mORF_+_1566873	1566873	1567016	+	3	144	GTG	TGA	0	0	
mORF_+_1566937	1566937	1566963	+	1	27	ATG	TAA	0	0	
mORF_+_1566953	1566953	1567069	+	2	117	TTG	TGA	0	0	
mORF_+_1566988	1566988	1567008	+	1	21	TTG	TAG	0	0	
mORF_+_1567029	1567029	1567172	+	3	144	GTG	TAA	0	0	
mORF_+_1567066	1567066	1567116	+	1	51	TTG	TGA	0	0	
mORF_+_1567070	1567070	1567084	+	2	15	TTG	TGA	0	0	

mORF_+_1567094	1567094	1567132	+	2	39	TTG	TAA	0	0
mORF_+_1567204	1567204	1567350	+	1	147	ATG	TAG	0	0
mORF_+_1567244	1567244	1567306	+	2	63	TTG	TAA	0	0
mORF_+_1567307	1567307	1567333	+	2	27	ATG	TAA	0	0
mORF_+_1567326	1567326	1567772	+	3	447	ATG	TAA	0	0
mORF_+_1567363	1567363	1567371	+	1	9	ATG	TAA	0	0
mORF_+_1567403	1567403	1567447	+	2	45	GTG	TGA	0	0
mORF_+_1567420	1567420	1567815	+	1	396	ATG	TAG	0	0
mORF_+_1567529	1567529	1567690	+	2	162	ATG	TAA	0	0
mORF_+_1567778	1567778	1567804	+	2	27	TTG	TAG	0	0
mORF_+_1567828	1567828	1567875	+	1	48	TTG	TAA	0	0
mORF_+_1567845	1567845	1567994	+	3	150	GTG	TAA	0	0
mORF_+_1567850	1567850	1567885	+	2	36	TTG	TGA	0	0
mORF_+_1567882	1567882	1567983	+	1	102	ATG	TAA	0	0
mORF_+_1567994	1567994	1568008	+	2	15	ATG	TAA	0	0
mORF_+_1568009	1568009	1568047	+	2	39	ATG	TAG	0	0
mORF_+_1568059	1568059	1568169	+	1	111	GTG	TAG	0	0
mORF_+_1568087	1568087	1568107	+	2	21	ATG	TGA	0	0
mORF_+_1568111	1568111	1568122	+	2	12	GTG	TAG	0	0
mORF_+_1568174	1568174	1568206	+	2	33	GTG	TAA	0	0
mORF_+_1568212	1568212	1568229	+	1	18	ATG	TAG	0	0
mORF_+_1568220	1568220	1568237	+	3	18	TTG	TGA	0	0
mORF_+_1568234	1568234	1568353	+	2	120	ATG	TAA	0	0
mORF_+_1568317	1568317	1568427	+	1	111	GTG	TAA	0	0
mORF_+_1568390	1568390	1568416	+	2	27	ATG	TAG	0	0
mORF_+_1568444	1568444	1568476	+	2	33	ATG	TGA	0	0
mORF_+_1568452	1568452	1568526	+	1	75	ATG	TAA	0	0
mORF_+_1568504	1568504	1568509	+	2	6	ATG	TAG	0	0
mORF_+_1568557	1568557	1568565	+	1	9	TTG	TGA	0	0
mORF_+_1568591	1568591	1568662	+	2	72	TTG	TAA	0	0
mORF_+_1568614	1568614	1568682	+	1	69	TTG	TAA	0	0
mORF_+_1568675	1568675	1569253	+	2	579	ATG	TGA	0	0
mORF_+_1568745	1568745	1568750	+	3	6	TTG	TAG	0	0
mORF_+_1568802	1568802	1569017	+	3	216	ATG	TAA	0	0
mORF_+_1569048	1569048	1569056	+	3	9	TTG	TAG	0	0
mORF_+_1569091	1569091	1569126	+	1	36	GTG	TGA	0	0
mORF_+_1569123	1569123	1569146	+	3	24	TTG	TGA	0	0
mORF_+_1569165	1569165	1569422	+	3	258	TTG	TAG	0	0
mORF_+_1569316	1569316	1569507	+	1	192	GTG	TAA	0	0
mORF_+_1569347	1569347	1569838	+	2	492	GTG	TAA	0	0
mORF_+_1569429	1569429	1569434	+	3	6	GTG	TAG	0	0
mORF_+_1569462	1569462	1569515	+	3	54	ATG	TGA	0	0
mORF_+_1569604	1569604	1569831	+	1	228	TTG	TAA	0	0
mORF_+_1569621	1569621	1569722	+	3	102	TTG	TGA	0	0
mORF_+_1569783	1569783	1569899	+	3	117	ATG	TGA	0	0
mORF_+_1569851	1569851	1569922	+	2	72	GTG	TAA	0	0
mORF_+_1569906	1569906	1570088	+	3	183	TTG	TGA	0	0
mORF_+_1569943	1569943	1569996	+	1	54	ATG	TAG	0	0
mORF_+_1569965	1569965	1569985	+	2	21	GTG	TGA	0	0
mORF_+_1570021	1570021	1570074	+	1	54	GTG	TAA	0	0
mORF_+_1570055	1570055	1570102	+	2	48	TTG	TAA	0	0
mORF_+_1570089	1570089	1570157	+	3	69	TTG	TAA	0	0
mORF_+_1570133	1570133	1570153	+	2	21	GTG	TAA	0	0
mORF_+_1570168	1570168	1570230	+	1	63	ATG	TGA	0	0
mORF_+_1570227	1570227	1570319	+	3	93	ATG	TAA	0	0
mORF_+_1570240	1570240	1570293	+	1	54	GTG	TGA	0	0
mORF_+_1570283	1570283	1570333	+	2	51	GTG	TAG	0	0
mORF_+_1570337	1570337	1570396	+	2	60	TTG	TAA	0	0
mORF_+_1570390	1570390	1570419	+	1	30	TTG	TGA	0	0
mORF_+_1570413	1570413	1570445	+	3	33	GTG	TAA	0	0
mORF_+_1570436	1570436	1570489	+	2	54	TTG	TAA	0	0
mORF_+_1570470	1570470	1570598	+	3	129	ATG	TAA	0	0
mORF_+_1570495	1570495	1570569	+	1	75	GTG	TGA	0	0

mORF_+_1570547	1570547	1570573	+	2	27	ATG	TAA	0	0	
mORF_+_1570588	1570588	1570605	+	1	18	GTG	TGA	0	0	
mORF_+_1570599	1570599	1570715	+	3	117	TTG	TAA	0	0	
mORF_+_1570731	1570731	1570853	+	3	123	ATG	TAG	0	0	
mORF_+_1570777	1570777	1570785	+	1	9	TTG	TGA	0	0	
mORF_+_1570817	1570817	1570846	+	2	30	ATG	TAA	0	0	
mORF_+_1570859	1570859	1570876	+	2	18	TTG	TAA	0	0	
mORF_+_1570913	1570913	1570981	+	2	69	GTG	TAA	0	0	
mORF_+_1570965	1570965	1571009	+	3	45	TTG	TAA	0	0	
mORF_+_1570985	1570985	1571047	+	2	63	ATG	TGA	0	0	
mORF_+_1570990	1570990	1571061	+	1	72	TTG	TAA	0	0	
mORF_+_1571040	1571040	1571051	+	3	12	GTG	TGA	0	0	
mORF_+_1571048	1571048	1571068	+	2	21	TTG	TAA	0	0	
mORF_+_1571083	1571083	1571190	+	1	108	TTG	TGA	0	0	
mORF_+_1571132	1571132	1571176	+	2	45	ATG	TAA	0	0	
mORF_+_1571142	1571142	1571204	+	3	63	TTG	TAA	0	0	
mORF_+_1571180	1571180	1571332	+	2	153	GTG	TAA	0	0	
mORF_+_1571209	1571209	1571226	+	1	18	GTG	TAG	0	0	
mORF_+_1571295	1571295	1571309	+	3	15	TTG	TAG	0	0	
mORF_+_1571335	1571335	1571367	+	1	33	GTG	TGA	0	0	
mORF_+_1571340	1571340	1571540	+	3	201	GTG	TGA	1	2	pORF_+_1571340
mORF_+_1571419	1571419	1571754	+	1	336	ATG	TAA	0	0	
mORF_+_1571522	1571522	1571536	+	2	15	TTG	TAA	0	0	
mORF_+_1571537	1571537	1571590	+	2	54	GTG	TAA	0	0	
mORF_+_1571544	1571544	1571564	+	3	21	TTG	TAA	0	0	
mORF_+_1571592	1571592	1571597	+	3	6	TTG	TAG	0	0	
mORF_+_1571601	1571601	1571657	+	3	57	TTG	TAA	0	0	
mORF_+_1571621	1571621	1571632	+	2	12	TTG	TAA	0	0	
mORF_+_1571651	1571651	1571695	+	2	45	GTG	TAA	0	0	
mORF_+_1571705	1571705	1571800	+	2	96	GTG	TAG	0	0	
mORF_+_1571767	1571767	1571943	+	1	177	TTG	TGA	0	0	
mORF_+_1571813	1571813	1571914	+	2	102	ATG	TAA	0	0	
mORF_+_1571847	1571847	1571879	+	3	33	TTG	TAA	0	0	
mORF_+_1571904	1571904	1571981	+	3	78	TTG	TAA	0	0	
mORF_+_1571945	1571945	1572061	+	2	117	ATG	TGA	0	0	
mORF_+_1572030	1572030	1572137	+	3	108	TTG	TAA	0	0	
mORF_+_1572058	1572058	1572111	+	1	54	GTG	TGA	0	0	
mORF_+_1572115	1572115	1572198	+	1	84	ATG	TGA	0	0	
mORF_+_1572119	1572119	1572217	+	2	99	TTG	TAA	0	0	
mORF_+_1572229	1572229	1572285	+	1	57	GTG	TGA	0	0	
mORF_+_1572282	1572282	1572302	+	3	21	TTG	TAA	0	0	
mORF_+_1572286	1572286	1572297	+	1	12	TTG	TGA	0	0	
mORF_+_1572304	1572304	1572369	+	1	66	ATG	TAA	0	0	
mORF_+_1572318	1572318	1572491	+	3	174	TTG	TAA	0	0	
mORF_+_1572356	1572356	1572409	+	2	54	TTG	TAA	0	0	
mORF_+_1572379	1572379	1572567	+	1	189	ATG	TGA	0	0	
mORF_+_1572440	1572440	1572475	+	2	36	TTG	TAG	0	0	
mORF_+_1572560	1572560	1572607	+	2	48	TTG	TGA	0	0	
mORF_+_1572564	1572564	1572650	+	3	87	TTG	TAA	0	0	
mORF_+_1572604	1572604	1572690	+	1	87	GTG	TGA	0	0	
mORF_+_1572662	1572662	1572736	+	2	75	TTG	TAA	0	0	
mORF_+_1572694	1572694	1572714	+	1	21	GTG	TGA	0	0	
mORF_+_1572714	1572714	1572917	+	3	204	ATG	TGA	0	0	
mORF_+_1572776	1572776	1572799	+	2	24	TTG	TGA	0	0	
mORF_+_1572803	1572803	1572838	+	2	36	TTG	TAG	0	0	
mORF_+_1572914	1572914	1572934	+	2	21	TTG	TGA	0	0	
mORF_+_1572931	1572931	1572990	+	1	60	ATG	TGA	0	0	
mORF_+_1572950	1572950	1572967	+	2	18	ATG	TAA	0	0	
mORF_+_1572975	1572975	1573025	+	3	51	ATG	TGA	0	0	
mORF_+_1573006	1573006	1573035	+	1	30	TTG	TGA	0	0	
mORF_+_1573022	1573022	1573120	+	2	99	ATG	TAA	0	0	
mORF_+_1573032	1573032	1573049	+	3	18	ATG	TAA	0	0	
mORF_+_1573068	1573068	1573124	+	3	57	ATG	TAA	0	0	

mORF_+_1573102	1573102	1573287	+	1	186	TTG	TGA	0	0
mORF_+_1573178	1573178	1573216	+	2	39	TTG	TAA	0	0
mORF_+_1573281	1573281	1573319	+	3	39	ATG	TAG	0	0
mORF_+_1573332	1573332	1573487	+	3	156	GTG	TAA	0	0
mORF_+_1573339	1573339	1573374	+	1	36	TTG	TGA	0	0
mORF_+_1573400	1573400	1573492	+	2	93	TTG	TGA	0	0
mORF_+_1573417	1573417	1573503	+	1	87	GTG	TGA	0	0
mORF_+_1573503	1573503	1573595	+	3	93	ATG	TGA	0	0
mORF_+_1573508	1573508	1573582	+	2	75	TTG	TAA	0	0
mORF_+_1573516	1573516	1573533	+	1	18	TTG	TAA	0	0
mORF_+_1573592	1573592	1573615	+	2	24	TTG	TAA	0	0
mORF_+_1573599	1573599	1573664	+	3	66	GTG	TAA	0	0
mORF_+_1573627	1573627	1573638	+	1	12	ATG	TAA	0	0
mORF_+_1573707	1573707	1573721	+	3	15	TTG	TAA	0	0
mORF_+_1573725	1573725	1573760	+	3	36	TTG	TAG	0	0
mORF_+_1573772	1573772	1574056	+	2	285	TTG	TGA	0	0
mORF_+_1573774	1573774	1573782	+	1	9	GTG	TAA	0	0
mORF_+_1573845	1573845	1573922	+	3	78	TTG	TGA	0	0
mORF_+_1573948	1573948	1573962	+	1	15	TTG	TAA	0	0
mORF_+_1573993	1573993	1574142	+	1	150	TTG	TAA	0	0
mORF_+_1574076	1574076	1574120	+	3	45	TTG	TAG	0	0
mORF_+_1574146	1574146	1574160	+	1	15	TTG	TAG	0	0
mORF_+_1574153	1574153	1574209	+	2	57	TTG	TGA	0	0
mORF_+_1574199	1574199	1574216	+	3	18	TTG	TAG	0	0
mORF_+_1574206	1574206	1574268	+	1	63	TTG	TAA	0	0
mORF_+_1574217	1574217	1574225	+	3	9	TTG	TAG	0	0
mORF_+_1574268	1574268	1574294	+	3	27	ATG	TAG	0	0
mORF_+_1574295	1574295	1574330	+	3	36	TTG	TAA	0	0
mORF_+_1574324	1574324	1574527	+	2	204	ATG	TAA	0	0
mORF_+_1574331	1574331	1574372	+	3	42	ATG	TAG	0	0
mORF_+_1574415	1574415	1574435	+	3	21	ATG	TAG	0	0
mORF_+_1574482	1574482	1574490	+	1	9	GTG	TGA	0	0
mORF_+_1574487	1574487	1574498	+	3	12	TTG	TAA	0	0
mORF_+_1574517	1574517	1574597	+	3	81	ATG	TGA	0	0
mORF_+_1574563	1574563	1574619	+	1	57	ATG	TAA	0	0
mORF_+_1574594	1574594	1574770	+	2	177	ATG	TAA	0	0
mORF_+_1574637	1574637	1574693	+	3	57	GTG	TAG	0	0
mORF_+_1574656	1574656	1574787	+	1	132	ATG	TAA	0	0
mORF_+_1574730	1574730	1574744	+	3	15	GTG	TAA	0	0
mORF_+_1574780	1574780	1574821	+	2	42	GTG	TAA	0	0
mORF_+_1574814	1574814	1574885	+	3	72	TTG	TAA	0	0
mORF_+_1574821	1574821	1574835	+	1	15	ATG	TAA	0	0
mORF_+_1574848	1574848	1574898	+	1	51	GTG	TGA	0	0
mORF_+_1574895	1574895	1574957	+	3	63	GTG	TGA	0	0
mORF_+_1575023	1575023	1575067	+	2	45	TTG	TAA	0	0
mORF_+_1575031	1575031	1575084	+	1	54	ATG	TAG	0	0
mORF_+_1575039	1575039	1575092	+	3	54	TTG	TAA	0	0
mORF_+_1575105	1575105	1575194	+	3	90	TTG	TAA	0	0
mORF_+_1575136	1575136	1575159	+	1	24	TTG	TGA	0	0
mORF_+_1575204	1575204	1575230	+	3	27	TTG	TAA	0	0
mORF_+_1575238	1575238	1575252	+	1	15	GTG	TAA	0	0
mORF_+_1575255	1575255	1575329	+	3	75	TTG	TAG	0	0
mORF_+_1575259	1575259	1575303	+	1	45	TTG	TAG	0	0
mORF_+_1575304	1575304	1575312	+	1	9	TTG	TAA	0	0
mORF_+_1575353	1575353	1575412	+	2	60	GTG	TGA	0	0
mORF_+_1575409	1575409	1575453	+	1	45	TTG	TGA	0	0
mORF_+_1575417	1575417	1575500	+	3	84	ATG	TAA	0	0
mORF_+_1575500	1575500	1575613	+	2	114	ATG	TAA	0	0
mORF_+_1575504	1575504	1575539	+	3	36	GTG	TAG	0	0
mORF_+_1575564	1575564	1575686	+	3	123	ATG	TAA	0	0
mORF_+_1575697	1575697	1575738	+	1	42	ATG	TGA	0	0
mORF_+_1575735	1575735	1575770	+	3	36	TTG	TAG	0	0
mORF_+_1575740	1575740	1575745	+	2	6	GTG	TAA	0	0

mORF_+_1575751	1575751	1575822	+	1	72	ATG	TGA	0	0	
mORF_+_1575761	1575761	1575802	+	2	42	TTG	TAG	0	0	
mORF_+_1575807	1575807	1575863	+	3	57	TTG	TAA	0	0	
mORF_+_1575872	1575872	1576027	+	2	156	GTG	TAA	0	0	
mORF_+_1575888	1575888	1576040	+	3	153	TTG	TAA	0	0	
mORF_+_1576048	1576048	1576167	+	1	120	TTG	TAG	0	0	
mORF_+_1576058	1576058	1576108	+	2	51	GTG	TAA	0	0	
mORF_+_1576062	1576062	1576067	+	3	6	TTG	TGA	0	0	
mORF_+_1576122	1576122	1576130	+	3	9	GTG	TAA	0	0	
mORF_+_1576130	1576130	1576138	+	2	9	ATG	TAA	0	0	
mORF_+_1576142	1576142	1576225	+	2	84	GTG	TGA	0	0	
mORF_+_1576186	1576186	1576203	+	1	18	TTG	TGA	0	0	
mORF_+_1576200	1576200	1576220	+	3	21	ATG	TAA	0	0	
mORF_+_1576222	1576222	1576320	+	1	99	ATG	TGA	0	0	
mORF_+_1576263	1576263	1576394	+	3	132	TTG	TAA	0	0	
mORF_+_1576396	1576396	1576488	+	1	93	TTG	TAG	0	0	
mORF_+_1576415	1576415	1576450	+	2	36	ATG	TGA	0	0	
mORF_+_1576560	1576560	1576613	+	3	54	ATG	TAG	0	0	
mORF_+_1576576	1576576	1576584	+	1	9	ATG	TGA	0	0	
mORF_+_1576588	1576588	1576782	+	1	195	TTG	TAG	0	0	
mORF_+_1576656	1576656	1576748	+	3	93	ATG	TAA	0	0	
mORF_+_1576670	1576670	1576711	+	2	42	TTG	TAA	0	0	
mORF_+_1576822	1576822	1576989	+	1	168	GTG	TAG	0	0	
mORF_+_1576826	1576826	1576858	+	2	33	ATG	TAA	0	0	
mORF_+_1576883	1576883	1576894	+	2	12	GTG	TGA	0	0	
mORF_+_1576901	1576901	1576912	+	2	12	ATG	TGA	0	0	
mORF_+_1576953	1576953	1577048	+	3	96	TTG	TAA	0	0	
mORF_+_1576996	1576996	1577004	+	1	9	GTG	TAG	0	0	
mORF_+_1577087	1577087	1577188	+	2	102	ATG	TGA	0	0	
mORF_+_1577092	1577092	1577223	+	1	132	TTG	TGA	1	2	pORF_+_1577092
mORF_+_1577245	1577245	1577379	+	1	135	ATG	TGA	0	0	
mORF_+_1577327	1577327	1577350	+	2	24	TTG	TAA	0	0	
mORF_+_1577376	1577376	1577411	+	3	36	TTG	TGA	0	0	
mORF_+_1577380	1577380	1577433	+	1	54	TTG	TAA	0	0	
mORF_+_1577402	1577402	1577419	+	2	18	ATG	TGA	0	0	
mORF_+_1577449	1577449	1577499	+	1	51	ATG	TGA	0	0	
mORF_+_1577478	1577478	1577540	+	3	63	GTG	TAA	0	0	
mORF_+_1577512	1577512	1577526	+	1	15	TTG	TGA	0	0	
mORF_+_1577563	1577563	1577691	+	1	129	ATG	TAA	0	0	
mORF_+_1577594	1577594	1577620	+	2	27	ATG	TAA	0	0	
mORF_+_1577601	1577601	1577612	+	3	12	GTG	TAA	0	0	
mORF_+_1577672	1577672	1577722	+	2	51	TTG	TAA	0	0	
mORF_+_1577691	1577691	1577699	+	3	9	ATG	TAA	0	0	
mORF_+_1577730	1577730	1577744	+	3	15	ATG	TAA	0	0	
mORF_+_1577751	1577751	1577774	+	3	24	ATG	TAA	0	0	
mORF_+_1577755	1577755	1577814	+	1	60	TTG	TAG	0	0	
mORF_+_1577802	1577802	1577870	+	3	69	TTG	TGA	0	0	
mORF_+_1577822	1577822	1578148	+	2	327	ATG	TGA	0	0	
mORF_+_1577857	1577857	1577928	+	1	72	ATG	TGA	0	0	
mORF_+_1577925	1577925	1577969	+	3	45	TTG	TAG	0	0	
mORF_+_1577962	1577962	1578078	+	1	117	GTG	TGA	0	0	
mORF_+_1577991	1577991	1578095	+	3	105	ATG	TGA	0	0	
mORF_+_1578099	1578099	1578164	+	3	66	ATG	TAA	0	0	
mORF_+_1578145	1578145	1578153	+	1	9	TTG	TAA	0	0	
mORF_+_1578168	1578168	1578215	+	3	48	GTG	TGA	0	0	
mORF_+_1578199	1578199	1578222	+	1	24	ATG	TGA	0	0	
mORF_+_1578212	1578212	1578250	+	2	39	ATG	TAG	0	0	
mORF_+_1578263	1578263	1578292	+	2	30	TTG	TAA	0	0	
mORF_+_1578296	1578296	1578346	+	2	51	ATG	TAA	0	0	
mORF_+_1578336	1578336	1578365	+	3	30	ATG	TGA	0	0	
mORF_+_1578362	1578362	1578370	+	2	9	TTG	TGA	0	0	
mORF_+_1578367	1578367	1578498	+	1	132	ATG	TGA	0	0	
mORF_+_1578384	1578384	1578437	+	3	54	ATG	TAA	0	0	

mORF_+_1578443	1578443	1578448	+	2	6	ATG	TAA	0	0	
mORF_+_1578488	1578488	1578526	+	2	39	ATG	TAA	0	0	
mORF_+_1578495	1578495	1578575	+	3	81	TTG	TAG	0	0	
mORF_+_1578539	1578539	1578544	+	2	6	TTG	TAA	0	0	
mORF_+_1578544	1578544	1578552	+	1	9	ATG	TAA	0	0	
mORF_+_1578563	1578563	1578832	+	2	270	TTG	TAA	0	0	
mORF_+_1578624	1578624	1578653	+	3	30	GTG	TAG	0	0	
mORF_+_1578660	1578660	1578728	+	3	69	TTG	TGA	0	0	
mORF_+_1578771	1578771	1578785	+	3	15	TTG	TGA	0	0	
mORF_+_1578798	1578798	1578857	+	3	60	TTG	TGA	0	0	
mORF_+_1578854	1578854	1578865	+	2	12	ATG	TAG	0	0	
mORF_+_1578883	1578883	1578894	+	1	12	GTG	TGA	0	0	
mORF_+_1578891	1578891	1578914	+	3	24	TTG	TGA	0	0	
mORF_+_1578931	1578931	1578951	+	1	21	GTG	TAA	0	0	
mORF_+_1578968	1578968	1579024	+	2	57	TTG	TAG	0	0	
mORF_+_1578993	1578993	1579040	+	3	48	TTG	TAG	0	0	
mORF_+_1579053	1579053	1579070	+	3	18	TTG	TAG	0	0	
mORF_+_1579109	1579109	1579117	+	2	9	TTG	TAA	0	0	
mORF_+_1579125	1579125	1579145	+	3	21	GTG	TAA	0	0	
mORF_+_1579136	1579136	1579153	+	2	18	ATG	TGA	0	0	
mORF_+_1579157	1579157	1579777	+	2	621	ATG	TAA	1	2	pORF_+_1579157
mORF_+_1579170	1579170	1579178	+	3	9	TTG	TAA	0	0	
mORF_+_1579189	1579189	1579308	+	1	120	ATG	TAA	0	0	
mORF_+_1579315	1579315	1579326	+	1	12	TTG	TGA	0	0	
mORF_+_1579320	1579320	1579355	+	3	36	ATG	TAG	0	0	
mORF_+_1579363	1579363	1579419	+	1	57	TTG	TAA	0	0	
mORF_+_1579377	1579377	1579385	+	3	9	TTG	TAA	0	0	
mORF_+_1579423	1579423	1579503	+	1	81	TTG	TAA	0	0	
mORF_+_1579428	1579428	1579433	+	3	6	GTG	TGA	0	0	
mORF_+_1579534	1579534	1579647	+	1	114	TTG	TAA	0	0	
mORF_+_1579539	1579539	1579592	+	3	54	TTG	TGA	0	0	
mORF_+_1579669	1579669	1579722	+	1	54	GTG	TAA	0	0	
mORF_+_1579735	1579735	1579788	+	1	54	GTG	TGA	0	0	
mORF_+_1579740	1579740	1579781	+	3	42	TTG	TGA	0	0	
mORF_+_1579798	1579798	1579824	+	1	27	TTG	TGA	0	0	
mORF_+_1579821	1579821	1579844	+	3	24	TTG	TAA	0	0	
mORF_+_1579828	1579828	1579875	+	1	48	GTG	TAA	0	0	
mORF_+_1579862	1579862	1579990	+	2	129	GTG	TGA	0	0	
mORF_+_1579921	1579921	1579929	+	1	9	ATG	TGA	0	0	
mORF_+_1579923	1579923	1579940	+	3	18	GTG	TGA	0	0	
mORF_+_1579987	1579987	1580181	+	1	195	TTG	TAG	0	0	
mORF_+_1579994	1579994	1580041	+	2	48	GTG	TAA	0	0	
mORF_+_1580016	1580016	1580021	+	3	6	GTG	TAA	0	0	
mORF_+_1580091	1580091	1580099	+	3	9	TTG	TAG	0	0	
mORF_+_1580162	1580162	1580206	+	2	45	GTG	TAA	0	0	
mORF_+_1580206	1580206	1580370	+	1	165	ATG	TAA	0	0	
mORF_+_1580231	1580231	1580416	+	2	186	TTG	TGA	0	0	
mORF_+_1580244	1580244	1580270	+	3	27	ATG	TAG	0	0	
mORF_+_1580355	1580355	1580468	+	3	114	ATG	TGA	0	0	
mORF_+_1580374	1580374	1580409	+	1	36	TTG	TAA	0	0	
mORF_+_1580428	1580428	1580550	+	1	123	TTG	TAA	0	0	
mORF_+_1580465	1580465	1580536	+	2	72	ATG	TAA	0	0	
mORF_+_1580551	1580551	1580586	+	1	36	ATG	TAA	0	0	
mORF_+_1580605	1580605	1580640	+	1	36	GTG	TAG	0	0	
mORF_+_1580609	1580609	1580614	+	2	6	ATG	TAA	0	0	
mORF_+_1580615	1580615	1580632	+	2	18	GTG	TAA	0	0	
mORF_+_1580682	1580682	1580732	+	3	51	TTG	TAA	0	0	
mORF_+_1580737	1580737	1580784	+	1	48	TTG	TGA	0	0	
mORF_+_1580781	1580781	1580792	+	3	12	TTG	TAA	0	0	
mORF_+_1580799	1580799	1580858	+	3	60	ATG	TAA	0	0	
mORF_+_1580827	1580827	1580832	+	1	6	ATG	TGA	0	0	
mORF_+_1580836	1580836	1580871	+	1	36	ATG	TAA	0	0	
mORF_+_1580891	1580891	1580998	+	2	108	ATG	TGA	0	0	

mORF_+_1580920	1580920	1580931	+	1	12	GTG	TGA	0	0
mORF_+_1580922	1580922	1580942	+	3	21	GTG	TAG	0	0
mORF_+_1580995	1580995	1581117	+	1	123	GTG	TGA	0	0
mORF_+_1581038	1581038	1581064	+	2	27	TTG	TAA	0	0
mORF_+_1581075	1581075	1581113	+	3	39	ATG	TGA	0	0
mORF_+_1581110	1581110	1581403	+	2	294	TTG	TGA	0	0
mORF_+_1581141	1581141	1581200	+	3	60	TTG	TAA	0	0
mORF_+_1581145	1581145	1581165	+	1	21	GTG	TAA	0	0
mORF_+_1581187	1581187	1581315	+	1	129	TTG	TAG	0	0
mORF_+_1581261	1581261	1581284	+	3	24	ATG	TGA	0	0
mORF_+_1581333	1581333	1581338	+	3	6	GTG	TAA	0	0
mORF_+_1581351	1581351	1581365	+	3	15	ATG	TAG	0	0
mORF_+_1581400	1581400	1581468	+	1	69	ATG	TGA	0	0
mORF_+_1581407	1581407	1581430	+	2	24	TTG	TAA	0	0
mORF_+_1581465	1581465	1581518	+	3	54	TTG	TAG	0	0
mORF_+_1581512	1581512	1581583	+	2	72	ATG	TAA	0	0
mORF_+_1581523	1581523	1581528	+	1	6	TTG	TAG	0	0
mORF_+_1581571	1581571	1581657	+	1	87	ATG	TAA	0	0
mORF_+_1581659	1581659	1581679	+	2	21	ATG	TGA	0	0
mORF_+_1581676	1581676	1581732	+	1	57	ATG	TAA	0	0
mORF_+_1581773	1581773	1581805	+	2	33	TTG	TGA	0	0
mORF_+_1581780	1581780	1581848	+	3	69	TTG	TGA	0	0
mORF_+_1581802	1581802	1581861	+	1	60	TTG	TGA	0	0
mORF_+_1581815	1581815	1581820	+	2	6	GTG	TAA	0	0
mORF_+_1581827	1581827	1581892	+	2	66	TTG	TAA	0	0
mORF_+_1581877	1581877	1581939	+	1	63	ATG	TAG	0	0
mORF_+_1581893	1581893	1581928	+	2	36	GTG	TGA	0	0
mORF_+_1581940	1581940	1582002	+	1	63	TTG	TAG	0	0
mORF_+_1581948	1581948	1582025	+	3	78	TTG	TAA	0	0
mORF_+_1582031	1582031	1582087	+	2	57	ATG	TGA	0	0
mORF_+_1582132	1582132	1582137	+	1	6	ATG	TAG	0	0
mORF_+_1582151	1582151	1582156	+	2	6	ATG	TGA	0	0
mORF_+_1582153	1582153	1582182	+	1	30	GTG	TGA	0	0
mORF_+_1582179	1582179	1582361	+	3	183	ATG	TAG	0	0
mORF_+_1582277	1582277	1582318	+	2	42	ATG	TGA	0	0
mORF_+_1582294	1582294	1582311	+	1	18	GTG	TAG	0	0
mORF_+_1582315	1582315	1582347	+	1	33	GTG	TGA	0	0
mORF_+_1582367	1582367	1582504	+	2	138	ATG	TGA	0	0
mORF_+_1582395	1582395	1582421	+	3	27	GTG	TAA	0	0
mORF_+_1582471	1582471	1582605	+	1	135	TTG	TGA	0	0
mORF_+_1582547	1582547	1582558	+	2	12	GTG	TGA	0	0
mORF_+_1582580	1582580	1582699	+	2	120	ATG	TGA	0	0
mORF_+_1582696	1582696	1582824	+	1	129	GTG	TAG	0	0
mORF_+_1582718	1582718	1582732	+	2	15	ATG	TAG	0	0
mORF_+_1582760	1582760	1582783	+	2	24	ATG	TAA	0	0
mORF_+_1582824	1582824	1583033	+	3	210	GTG	TAA	0	0
mORF_+_1582906	1582906	1582923	+	1	18	ATG	TGA	0	0
mORF_+_1582957	1582957	1583064	+	1	108	TTG	TAA	0	0
mORF_+_1582961	1582961	1582999	+	2	39	ATG	TAG	0	0
mORF_+_1583039	1583039	1583200	+	2	162	GTG	TGA	0	0
mORF_+_1583065	1583065	1583073	+	1	9	TTG	TAA	0	0
mORF_+_1583103	1583103	1583210	+	3	108	TTG	TGA	0	0
mORF_+_1583164	1583164	1583307	+	1	144	TTG	TAG	0	0
mORF_+_1583207	1583207	1583218	+	2	12	GTG	TAG	0	0
mORF_+_1583261	1583261	1583401	+	2	141	GTG	TGA	0	0
mORF_+_1583307	1583307	1583363	+	3	57	GTG	TGA	0	0
mORF_+_1583368	1583368	1583484	+	1	117	TTG	TAG	0	0
mORF_+_1583402	1583402	1583419	+	2	18	GTG	TAA	0	0
mORF_+_1583426	1583426	1583479	+	2	54	ATG	TGA	0	0
mORF_+_1583448	1583448	1583522	+	3	75	ATG	TGA	0	0
mORF_+_1583519	1583519	1583566	+	2	48	TTG	TGA	0	0
mORF_+_1583557	1583557	1583589	+	1	33	ATG	TGA	0	0
mORF_+_1583586	1583586	1583651	+	3	66	ATG	TGA	0	0

mORF_+_1583648	1583648	1583686	+	2	39	TTG	TAG	0	0
mORF_+_1583737	1583737	1583775	+	1	39	TTG	TAG	0	0
mORF_+_1583742	1583742	1583750	+	3	9	GTG	TAA	0	0
mORF_+_1583780	1583780	1584022	+	2	243	TTG	TGA	0	0
mORF_+_1583842	1583842	1583880	+	1	39	GTG	TAA	0	0
mORF_+_1583847	1583847	1583876	+	3	30	TTG	TGA	0	0
mORF_+_1583952	1583952	1584158	+	3	207	TTG	TGA	0	0
mORF_+_1583962	1583962	1584138	+	1	177	ATG	TAA	0	0
mORF_+_1584041	1584041	1584064	+	2	24	TTG	TAG	0	0
mORF_+_1584077	1584077	1584091	+	2	15	TTG	TAG	0	0
mORF_+_1584143	1584143	1584148	+	2	6	TTG	TAA	0	0
mORF_+_1584182	1584182	1584235	+	2	54	GTG	TGA	0	0
mORF_+_1584208	1584208	1584228	+	1	21	GTG	TAA	0	0
mORF_+_1584228	1584228	1584281	+	3	54	ATG	TGA	0	0
mORF_+_1584232	1584232	1584327	+	1	96	TTG	TGA	0	0
mORF_+_1584278	1584278	1584490	+	2	213	GTG	TAG	0	0
mORF_+_1584294	1584294	1584341	+	3	48	TTG	TAG	0	0
mORF_+_1584334	1584334	1584603	+	1	270	GTG	TAA	0	0
mORF_+_1584351	1584351	1584407	+	3	57	ATG	TAA	0	0
mORF_+_1584522	1584522	1584533	+	3	12	GTG	TGA	0	0
mORF_+_1584524	1584524	1584541	+	2	18	GTG	TAG	0	0
mORF_+_1584545	1584545	1584550	+	2	6	TTG	TAA	0	0
mORF_+_1584690	1584690	1584719	+	3	30	GTG	TAA	0	0
mORF_+_1584741	1584741	1584773	+	3	33	TTG	TAA	0	0
mORF_+_1584743	1584743	1584790	+	2	48	GTG	TAA	0	0
mORF_+_1584763	1584763	1584768	+	1	6	GTG	TAG	0	0
mORF_+_1584808	1584808	1584876	+	1	69	GTG	TGA	0	0
mORF_+_1584812	1584812	1584829	+	2	18	ATG	TAA	0	0
mORF_+_1584860	1584860	1584919	+	2	60	GTG	TAG	0	0
mORF_+_1584910	1584910	1584930	+	1	21	TTG	TAA	0	0
mORF_+_1584921	1584921	1584986	+	3	66	TTG	TAG	0	0
mORF_+_1584944	1584944	1585102	+	2	159	TTG	TAA	0	0
mORF_+_1585029	1585029	1585058	+	3	30	ATG	TAG	0	0
mORF_+_1585066	1585066	1585107	+	1	42	TTG	TGA	0	0
mORF_+_1585104	1585104	1585184	+	3	81	ATG	TGA	0	0
mORF_+_1585114	1585114	1585125	+	1	12	TTG	TGA	0	0
mORF_+_1585181	1585181	1585303	+	2	123	GTG	TGA	0	0
mORF_+_1585215	1585215	1585223	+	3	9	TTG	TAA	0	0
mORF_+_1585236	1585236	1585244	+	3	9	TTG	TAA	0	0
mORF_+_1585281	1585281	1585316	+	3	36	ATG	TGA	0	0
mORF_+_1585300	1585300	1585377	+	1	78	ATG	TAA	0	0
mORF_+_1585313	1585313	1585369	+	2	57	ATG	TAG	0	0
mORF_+_1585383	1585383	1585628	+	3	246	ATG	TAA	0	0
mORF_+_1585418	1585418	1585447	+	2	30	TTG	TAG	0	0
mORF_+_1585510	1585510	1585662	+	1	153	TTG	TGA	0	0
mORF_+_1585532	1585532	1585552	+	2	21	GTG	TAA	0	0
mORF_+_1585641	1585641	1585685	+	3	45	TTG	TGA	0	0
mORF_+_1585697	1585697	1585720	+	2	24	TTG	TAA	0	0
mORF_+_1585746	1585746	1585760	+	3	15	TTG	TGA	0	0
mORF_+_1585757	1585757	1585783	+	2	27	ATG	TGA	0	0
mORF_+_1585780	1585780	1585788	+	1	9	TTG	TAA	0	0
mORF_+_1585820	1585820	1585846	+	2	27	TTG	TAG	0	0
mORF_+_1585827	1585827	1585832	+	3	6	GTG	TAG	0	0
mORF_+_1585839	1585839	1586000	+	3	162	TTG	TGA	0	0
mORF_+_1585867	1585867	1585887	+	1	21	TTG	TGA	0	0
mORF_+_1585894	1585894	1585902	+	1	9	TTG	TAA	0	0
mORF_+_1585903	1585903	1585926	+	1	24	GTG	TGA	0	0
mORF_+_1586025	1586025	1586030	+	3	6	TTG	TAA	0	0
mORF_+_1586040	1586040	1586162	+	3	123	TTG	TAA	0	0
mORF_+_1586047	1586047	1586112	+	1	66	TTG	TAA	0	0
mORF_+_1586117	1586117	1586275	+	2	159	GTG	TAA	0	0
mORF_+_1586128	1586128	1586178	+	1	51	ATG	TAA	0	0
mORF_+_1586190	1586190	1586198	+	3	9	TTG	TGA	0	0

mORF_+_1586202	1586202	1586309	+	3	108	GTG	TGA	0	0
mORF_+_1586263	1586263	1586271	+	1	9	TTG	TGA	0	0
mORF_+_1586306	1586306	1586326	+	2	21	GTG	TGA	0	0
mORF_+_1586336	1586336	1586401	+	2	66	TTG	TGA	0	0
mORF_+_1586356	1586356	1586385	+	1	30	TTG	TGA	0	0
mORF_+_1586382	1586382	1586396	+	3	15	TTG	TGA	0	0
mORF_+_1586398	1586398	1586598	+	1	201	TTG	TAA	0	0
mORF_+_1586430	1586430	1586474	+	3	45	TTG	TGA	0	0
mORF_+_1586471	1586471	1586641	+	2	171	ATG	TAA	0	0
mORF_+_1586541	1586541	1586651	+	3	111	TTG	TGA	0	0
mORF_+_1586599	1586599	1586646	+	1	48	ATG	TAA	0	0
mORF_+_1586668	1586668	1586724	+	1	57	TTG	TAA	0	0
mORF_+_1586670	1586670	1586759	+	3	90	GTG	TAA	0	0
mORF_+_1586690	1586690	1586743	+	2	54	TTG	TGA	0	0
mORF_+_1586740	1586740	1586778	+	1	39	ATG	TAA	0	0
mORF_+_1586814	1586814	1586909	+	3	96	GTG	TAA	0	0
mORF_+_1586870	1586870	1587070	+	2	201	TTG	TGA	0	0
mORF_+_1586935	1586935	1587018	+	1	84	TTG	TAA	0	0
mORF_+_1586988	1586988	1586996	+	3	9	TTG	TGA	0	0
mORF_+_1587040	1587040	1587171	+	1	132	ATG	TGA	0	0
mORF_+_1587063	1587063	1587119	+	3	57	GTG	TAA	0	0
mORF_+_1587074	1587074	1587145	+	2	72	TTG	TAA	0	0
mORF_+_1587135	1587135	1587275	+	3	141	TTG	TAA	0	0
mORF_+_1587146	1587146	1587163	+	2	18	ATG	TAG	0	0
mORF_+_1587173	1587173	1587181	+	2	9	TTG	TGA	0	0
mORF_+_1587178	1587178	1587285	+	1	108	ATG	TAG	0	0
mORF_+_1587269	1587269	1587328	+	2	60	ATG	TGA	0	0
mORF_+_1587300	1587300	1587614	+	3	315	ATG	TAG	0	0
mORF_+_1587325	1587325	1587405	+	1	81	TTG	TGA	0	0
mORF_+_1587362	1587362	1587391	+	2	30	TTG	TGA	0	0
mORF_+_1587520	1587520	1587561	+	1	42	GTG	TGA	0	0
mORF_+_1587530	1587530	1587709	+	2	180	ATG	TGA	0	0
mORF_+_1587595	1587595	1587603	+	1	9	GTG	TAA	0	0
mORF_+_1587616	1587616	1587654	+	1	39	TTG	TAA	0	0
mORF_+_1587702	1587702	1587737	+	3	36	ATG	TAA	0	0
mORF_+_1587738	1587738	1587818	+	3	81	ATG	TAA	0	0
mORF_+_1587766	1587766	1587774	+	1	9	TTG	TAG	0	0
mORF_+_1587824	1587824	1587880	+	2	57	ATG	TGA	0	0
mORF_+_1587831	1587831	1587848	+	3	18	TTG	TGA	0	0
mORF_+_1587850	1587850	1587861	+	1	12	GTG	TAA	0	0
mORF_+_1587864	1587864	1588049	+	3	186	TTG	TAA	0	0
mORF_+_1587884	1587884	1587958	+	2	75	ATG	TAA	0	0
mORF_+_1587916	1587916	1587933	+	1	18	ATG	TGA	0	0
mORF_+_1587974	1587974	1588000	+	2	27	GTG	TAG	0	0
mORF_+_1587985	1587985	1588017	+	1	33	TTG	TAA	0	0
mORF_+_1588062	1588062	1588169	+	3	108	TTG	TAA	0	0
mORF_+_1588096	1588096	1588131	+	1	36	TTG	TGA	0	0
mORF_+_1588141	1588141	1588212	+	1	72	TTG	TAA	0	0
mORF_+_1588185	1588185	1588208	+	3	24	ATG	TGA	0	0
mORF_+_1588205	1588205	1588291	+	2	87	GTG	TAG	0	0
mORF_+_1588224	1588224	1588283	+	3	60	TTG	TAA	0	0
mORF_+_1588294	1588294	1588392	+	1	99	ATG	TAA	0	0
mORF_+_1588301	1588301	1588315	+	2	15	ATG	TGA	0	0
mORF_+_1588305	1588305	1588337	+	3	33	TTG	TAA	0	0
mORF_+_1588346	1588346	1588384	+	2	39	GTG	TAA	0	0
mORF_+_1588401	1588401	1588484	+	3	84	TTG	TGA	0	0
mORF_+_1588405	1588405	1588440	+	1	36	GTG	TGA	0	0
mORF_+_1588442	1588442	1588450	+	2	9	ATG	TAG	0	0
mORF_+_1588478	1588478	1588492	+	2	15	GTG	TAA	0	0
mORF_+_1588492	1588492	1588533	+	1	42	ATG	TAG	0	0
mORF_+_1588523	1588523	1588543	+	2	21	TTG	TGA	0	0
mORF_+_1588551	1588551	1588589	+	3	39	GTG	TAA	0	0
mORF_+_1588567	1588567	1588581	+	1	15	TTG	TAA	0	0

mORF_+_1588602	1588602	1588646	+	3	45	GTG	TAG	0	0	
mORF_+_1588612	1588612	1588713	+	1	102	ATG	TAA	0	0	
mORF_+_1588679	1588679	1588774	+	2	96	ATG	TGA	0	0	
mORF_+_1588771	1588771	1588779	+	1	9	ATG	TAA	0	0	
mORF_+_1588793	1588793	1589134	+	2	342	ATG	TAA	0	0	
mORF_+_1588842	1588842	1588904	+	3	63	TTG	TAA	0	0	
mORF_+_1588911	1588911	1588973	+	3	63	ATG	TAA	0	0	
mORF_+_1588927	1588927	1589094	+	1	168	TTG	TAA	0	0	
mORF_+_1589034	1589034	1589198	+	3	165	ATG	TGA	0	0	
mORF_+_1589116	1589116	1589211	+	1	96	TTG	TAA	0	0	
mORF_+_1589141	1589141	1589152	+	2	12	TTG	TGA	0	0	
mORF_+_1589192	1589192	1589203	+	2	12	ATG	TGA	0	0	
mORF_+_1589213	1589213	1589221	+	2	9	ATG	TGA	0	0	
mORF_+_1589218	1589218	1589229	+	1	12	GTG	TAA	0	0	
mORF_+_1589264	1589264	1589317	+	2	54	TTG	TAA	0	0	
mORF_+_1589268	1589268	1589396	+	3	129	ATG	TGA	1	2	pORF_+_1589268
mORF_+_1589365	1589365	1589433	+	1	69	ATG	TGA	0	0	
mORF_+_1589411	1589411	1589533	+	2	123	ATG	TAA	0	0	
mORF_+_1589533	1589533	1589589	+	1	57	ATG	TAA	0	0	
mORF_+_1589607	1589607	1589657	+	3	51	TTG	TAA	0	0	
mORF_+_1589629	1589629	1589808	+	1	180	TTG	TAA	0	0	
mORF_+_1589667	1589667	1589789	+	3	123	GTG	TAG	0	0	
mORF_+_1589723	1589723	1589779	+	2	57	GTG	TAA	0	0	
mORF_+_1589852	1589852	1589974	+	2	123	ATG	TAA	0	0	
mORF_+_1589865	1589865	1589894	+	3	30	ATG	TAA	0	0	
mORF_+_1589946	1589946	1590008	+	3	63	TTG	TAA	0	0	
mORF_+_1589956	1589956	1589964	+	1	9	TTG	TGA	0	0	
mORF_+_1590043	1590043	1590093	+	1	51	GTG	TAA	0	0	
mORF_+_1590062	1590062	1590124	+	2	63	ATG	TAA	0	0	
mORF_+_1590127	1590127	1590294	+	1	168	GTG	TAA	0	0	
mORF_+_1590129	1590129	1590146	+	3	18	GTG	TAA	0	0	
mORF_+_1590215	1590215	1590229	+	2	15	TTG	TGA	0	0	
mORF_+_1590298	1590298	1590306	+	1	9	ATG	TGA	0	0	
mORF_+_1590303	1590303	1590446	+	3	144	GTG	TAG	0	0	
mORF_+_1590398	1590398	1590511	+	2	114	TTG	TAA	0	0	
mORF_+_1590418	1590418	1590498	+	1	81	TTG	TAA	0	0	
mORF_+_1590465	1590465	1590722	+	3	258	ATG	TGA	0	0	
mORF_+_1590673	1590673	1590777	+	1	105	ATG	TAA	0	0	
mORF_+_1590749	1590749	1591450	+	2	702	TTG	TAG	0	0	
mORF_+_1590780	1590780	1590854	+	3	75	TTG	TGA	0	0	
mORF_+_1590879	1590879	1590911	+	3	33	TTG	TAA	0	0	
mORF_+_1591014	1591014	1591184	+	3	171	ATG	TAG	0	0	
mORF_+_1591078	1591078	1591122	+	1	45	GTG	TAA	0	0	
mORF_+_1591123	1591123	1591212	+	1	90	ATG	TGA	0	0	
mORF_+_1591320	1591320	1591340	+	3	21	ATG	TAA	0	0	
mORF_+_1591374	1591374	1591382	+	3	9	TTG	TAG	0	0	
mORF_+_1591419	1591419	1591463	+	3	45	TTG	TAG	0	0	
mORF_+_1591501	1591501	1591614	+	1	114	TTG	TAA	0	0	
mORF_+_1591511	1591511	1591567	+	2	57	GTG	TGA	0	0	
mORF_+_1591598	1591598	1591603	+	2	6	GTG	TAA	0	0	
mORF_+_1591607	1591607	1591675	+	2	69	ATG	TGA	0	0	
mORF_+_1591623	1591623	1591649	+	3	27	TTG	TAG	0	0	
mORF_+_1591675	1591675	1591710	+	1	36	ATG	TGA	0	0	
mORF_+_1591707	1591707	1591805	+	3	99	TTG	TAG	0	0	
mORF_+_1591720	1591720	1591794	+	1	75	GTG	TAG	0	0	
mORF_+_1591833	1591833	1592039	+	3	207	GTG	TAG	0	0	
mORF_+_1591898	1591898	1592164	+	2	267	TTG	TAA	0	0	
mORF_+_1591900	1591900	1592010	+	1	111	GTG	TGA	0	0	
mORF_+_1592040	1592040	1592093	+	3	54	TTG	TGA	0	0	
mORF_+_1592097	1592097	1592609	+	3	513	GTG	TAG	0	0	
mORF_+_1592146	1592146	1592232	+	1	87	GTG	TGA	0	0	
mORF_+_1592234	1592234	1592245	+	2	12	TTG	TAA	0	0	
mORF_+_1592245	1592245	1592301	+	1	57	ATG	TGA	0	0	

mORF_+_1592317	1592317	1592655	+	1	339	TTG	TGA	0	0
mORF_+_1592348	1592348	1592371	+	2	24	TTG	TGA	0	0
mORF_+_1592549	1592549	1592671	+	2	123	TTG	TGA	0	0
mORF_+_1592681	1592681	1592689	+	2	9	TTG	TAA	0	0
mORF_+_1592689	1592689	1592709	+	1	21	ATG	TAG	0	0
mORF_+_1592711	1592711	1592719	+	2	9	GTG	TAA	0	0
mORF_+_1592821	1592821	1592970	+	1	150	TTG	TGA	0	0
mORF_+_1592855	1592855	1592884	+	2	30	ATG	TAA	0	0
mORF_+_1592933	1592933	1593034	+	2	102	GTG	TGA	0	0
mORF_+_1593004	1593004	1593090	+	1	87	TTG	TAG	0	0
mORF_+_1593035	1593035	1593160	+	2	126	TTG	TAA	0	0
mORF_+_1593099	1593099	1593110	+	3	12	ATG	TAA	0	0
mORF_+_1593120	1593120	1593245	+	3	126	TTG	TAA	0	0
mORF_+_1593133	1593133	1593156	+	1	24	ATG	TAG	0	0
mORF_+_1593179	1593179	1593190	+	2	12	GTG	TGA	0	0
mORF_+_1593187	1593187	1593204	+	1	18	GTG	TAA	0	0
mORF_+_1593238	1593238	1593336	+	1	99	ATG	TGA	0	0
mORF_+_1593293	1593293	1593313	+	2	21	ATG	TAA	0	0
mORF_+_1593318	1593318	1593770	+	3	453	TTG	TGA	0	0
mORF_+_1593370	1593370	1593456	+	1	87	TTG	TGA	0	0
mORF_+_1593475	1593475	1593480	+	1	6	GTG	TAG	0	0
mORF_+_1593559	1593559	1593654	+	1	96	ATG	TGA	0	0
mORF_+_1593617	1593617	1593658	+	2	42	ATG	TAA	0	0
mORF_+_1593667	1593667	1593822	+	1	156	GTG	TAA	0	0
mORF_+_1593734	1593734	1593745	+	2	12	TTG	TAA	0	0
mORF_+_1593767	1593767	1593802	+	2	36	ATG	TGA	0	0
mORF_+_1593839	1593839	1593949	+	2	111	TTG	TGA	0	0
mORF_+_1593850	1593850	1593921	+	1	72	ATG	TGA	0	0
mORF_+_1593918	1593918	1594187	+	3	270	ATG	TAG	0	0
mORF_+_1593928	1593928	1593969	+	1	42	ATG	TAA	0	0
mORF_+_1593982	1593982	1594059	+	1	78	TTG	TAG	0	0
mORF_+_1594075	1594075	1594083	+	1	9	TTG	TGA	0	0
mORF_+_1594132	1594132	1594170	+	1	39	TTG	TGA	0	0
mORF_+_1594180	1594180	1594221	+	1	42	ATG	TAA	0	0
mORF_+_1594283	1594283	1594303	+	2	21	ATG	TGA	0	0
mORF_+_1594300	1594300	1594545	+	1	246	TTG	TAG	0	0
mORF_+_1594304	1594304	1594363	+	2	60	ATG	TGA	0	0
mORF_+_1594373	1594373	1594390	+	2	18	GTG	TAA	0	0
mORF_+_1594449	1594449	1594466	+	3	18	TTG	TGA	0	0
mORF_+_1594451	1594451	1594459	+	2	9	GTG	TAG	0	0
mORF_+_1594463	1594463	1594504	+	2	42	ATG	TAA	0	0
mORF_+_1594550	1594550	1594558	+	2	9	TTG	TAA	0	0
mORF_+_1594561	1594561	1594767	+	1	207	GTG	TAG	0	0
mORF_+_1594631	1594631	1594693	+	2	63	ATG	TAA	0	0
mORF_+_1594698	1594698	1594844	+	3	147	TTG	TGA	0	0
mORF_+_1594777	1594777	1594836	+	1	60	TTG	TAA	0	0
mORF_+_1594841	1594841	1594861	+	2	21	GTG	TGA	0	0
mORF_+_1594855	1594855	1594875	+	1	21	TTG	TGA	0	0
mORF_+_1594896	1594896	1595162	+	3	267	GTG	TGA	0	0
mORF_+_1594930	1594930	1595064	+	1	135	GTG	TAG	0	0
mORF_+_1595122	1595122	1595148	+	1	27	TTG	TGA	0	0
mORF_+_1595159	1595159	1595179	+	2	21	ATG	TAA	0	0
mORF_+_1595170	1595170	1595232	+	1	63	TTG	TAG	0	0
mORF_+_1595245	1595245	1595262	+	1	18	GTG	TGA	0	0
mORF_+_1595259	1595259	1595390	+	3	132	TTG	TGA	0	0
mORF_+_1595290	1595290	1595367	+	1	78	GTG	TGA	0	0
mORF_+_1595387	1595387	1595491	+	2	105	TTG	TGA	0	0
mORF_+_1595470	1595470	1595496	+	1	27	ATG	TAA	0	0
mORF_+_1595516	1595516	1595587	+	2	72	ATG	TGA	0	0
mORF_+_1595524	1595524	1595532	+	1	9	GTG	TAG	0	0
mORF_+_1595584	1595584	1595628	+	1	45	TTG	TAG	0	0
mORF_+_1595640	1595640	1595693	+	3	54	GTG	TAA	0	0
mORF_+_1595699	1595699	1595749	+	2	51	TTG	TAA	0	0

mORF_+_1595731	1595731	1595865	+	1	135	GTG	TAG	0	0
mORF_+_1595893	1595893	1595904	+	1	12	TTG	TGA	0	0
mORF_+_1595924	1595924	1595980	+	2	57	TTG	TGA	0	0
mORF_+_1595987	1595987	1596016	+	2	30	TTG	TAA	0	0
mORF_+_1596023	1596023	1596184	+	2	162	ATG	TAA	0	0
mORF_+_1596076	1596076	1596099	+	1	24	GTG	TAG	0	0
mORF_+_1596150	1596150	1596212	+	3	63	ATG	TAG	0	0
mORF_+_1596202	1596202	1596264	+	1	63	TTG	TGA	0	0
mORF_+_1596206	1596206	1596250	+	2	45	GTG	TAA	0	0
mORF_+_1596213	1596213	1596242	+	3	30	TTG	TAA	0	0
mORF_+_1596261	1596261	1596272	+	3	12	TTG	TAA	0	0
mORF_+_1596276	1596276	1596299	+	3	24	TTG	TAA	0	0
mORF_+_1596302	1596302	1596385	+	2	84	ATG	TAG	0	0
mORF_+_1596309	1596309	1596398	+	3	90	ATG	TAA	0	0
mORF_+_1596392	1596392	1596415	+	2	24	TTG	TAA	0	0
mORF_+_1596423	1596423	1596464	+	3	42	TTG	TAA	0	0
mORF_+_1596468	1596468	1596485	+	3	18	TTG	TAA	0	0
mORF_+_1596470	1596470	1596508	+	2	39	GTG	TGA	0	0
mORF_+_1596505	1596505	1596534	+	1	30	TTG	TGA	0	0
mORF_+_1596531	1596531	1596554	+	3	24	ATG	TAA	0	0
mORF_+_1596620	1596620	1596646	+	2	27	ATG	TAA	0	0
mORF_+_1596625	1596625	1596679	+	1	255	GTG	TGA	0	0
mORF_+_1596680	1596680	1596733	+	2	54	ATG	TGA	0	0
mORF_+_1596749	1596749	1596817	+	2	69	ATG	TGA	0	0
mORF_+_1596768	1596768	1596926	+	3	159	GTG	TGA	0	0
mORF_+_1596923	1596923	1596934	+	2	12	TTG	TAA	0	0
mORF_+_1596943	1596943	1597098	+	1	156	TTG	TAA	0	0
mORF_+_1596977	1596977	1597021	+	2	45	ATG	TGA	0	0
mORF_+_1597065	1597065	1597118	+	3	54	TTG	TGA	0	0
mORF_+_1597115	1597115	1597228	+	2	114	GTG	TAA	0	0
mORF_+_1597215	1597215	1597340	+	3	126	GTG	TGA	0	0
mORF_+_1597316	1597316	1597387	+	2	72	TTG	TAA	0	0
mORF_+_1597397	1597397	1597453	+	2	57	TTG	TAA	0	0
mORF_+_1597408	1597408	1597572	+	1	165	ATG	TGA	0	0
mORF_+_1597410	1597410	1597706	+	3	297	GTG	TAG	0	0
mORF_+_1597532	1597532	1597537	+	2	6	TTG	TGA	0	0
mORF_+_1597615	1597615	1597671	+	1	57	ATG	TAG	0	0
mORF_+_1597725	1597725	1597745	+	3	21	ATG	TGA	0	0
mORF_+_1597735	1597735	1597866	+	1	132	TTG	TAA	0	0
mORF_+_1597763	1597763	1597783	+	2	21	ATG	TAA	0	0
mORF_+_1597791	1597791	1597829	+	3	39	ATG	TAA	0	0
mORF_+_1597811	1597811	1597942	+	2	132	TTG	TAA	0	0
mORF_+_1597848	1597848	1598132	+	3	285	TTG	TGA	0	0
mORF_+_1597882	1597882	1598058	+	1	177	GTG	TGA	0	0
mORF_+_1598009	1598009	1598206	+	2	198	GTG	TGA	0	0
mORF_+_1598133	1598133	1598198	+	3	66	TTG	TAG	0	0
mORF_+_1598203	1598203	1598220	+	1	18	TTG	TAA	0	0
mORF_+_1598251	1598251	1598352	+	1	102	ATG	TAA	0	0
mORF_+_1598304	1598304	1598315	+	3	12	ATG	TAA	0	0
mORF_+_1598337	1598337	1598345	+	3	9	GTG	TGA	0	0
mORF_+_1598356	1598356	1598364	+	1	9	GTG	TGA	0	0
mORF_+_1598361	1598361	1598369	+	3	9	TTG	TAA	0	0
mORF_+_1598380	1598380	1598490	+	1	111	TTG	TGA	0	0
mORF_+_1598439	1598439	1598528	+	3	90	ATG	TAG	0	0
mORF_+_1598480	1598480	1598533	+	2	54	ATG	TAA	0	0
mORF_+_1598512	1598512	1598586	+	1	75	TTG	TGA	0	0
mORF_+_1598535	1598535	1598591	+	3	57	ATG	TAA	0	0
mORF_+_1598601	1598601	1598624	+	3	24	ATG	TGA	0	0
mORF_+_1598605	1598605	1598688	+	1	84	TTG	TGA	0	0
mORF_+_1598621	1598621	1598674	+	2	54	TTG	TAA	0	0
mORF_+_1598637	1598637	1598801	+	3	165	ATG	TAA	0	0
mORF_+_1598731	1598731	1598754	+	1	24	ATG	TAA	0	0
mORF_+_1598823	1598823	1598924	+	3	102	GTG	TGA	0	0

mORF_+_1598837	1598837	1598845	+	2	9	TTG	TGA	0	0	
mORF_+_1598842	1598842	1598853	+	1	12	GTG	TAA	0	0	
mORF_+_1598867	1598867	1598929	+	2	63	TTG	TAA	0	0	
mORF_+_1598884	1598884	1599075	+	1	192	TTG	TAA	0	0	
mORF_+_1598942	1598942	1599034	+	2	93	ATG	TAA	0	0	
mORF_+_1599035	1599035	1599241	+	2	207	TTG	TGA	0	0	
mORF_+_1599090	1599090	1599101	+	3	12	ATG	TGA	0	0	
mORF_+_1599136	1599136	1599159	+	1	24	GTG	TGA	0	0	
mORF_+_1599244	1599244	1599258	+	1	15	TTG	TGA	0	0	
mORF_+_1599255	1599255	1599284	+	3	30	TTG	TGA	0	0	
mORF_+_1599259	1599259	1599267	+	1	9	TTG	TAA	0	0	
mORF_+_1599281	1599281	1599355	+	2	75	TTG	TGA	0	0	
mORF_+_1599319	1599319	1599369	+	1	51	TTG	TGA	0	0	
mORF_+_1599366	1599366	1599452	+	3	87	ATG	TGA	0	0	
mORF_+_1599382	1599382	1599402	+	1	21	GTG	TAA	0	0	
mORF_+_1599404	1599404	1599409	+	2	6	TTG	TGA	0	0	
mORF_+_1599406	1599406	1599444	+	1	39	GTG	TAA	0	0	
mORF_+_1599428	1599428	1599502	+	2	75	GTG	TGA	0	0	
mORF_+_1599514	1599514	1601049	+	1	1536	ATG	TGA	6	22	pORF_+_1599514
mORF_+_1599524	1599524	1599595	+	2	72	GTG	TGA	0	0	
mORF_+_1599549	1599549	1599569	+	3	21	TTG	TAA	0	0	
mORF_+_1599650	1599650	1599673	+	2	24	ATG	TAA	0	0	
mORF_+_1599683	1599683	1599748	+	2	66	TTG	TAA	0	0	
mORF_+_1599758	1599758	1599823	+	2	66	ATG	TAA	0	0	
mORF_+_1599839	1599839	1599877	+	2	39	TTG	TGA	0	0	
mORF_+_1599908	1599908	1599979	+	2	72	TTG	TGA	0	0	
mORF_+_1600007	1600007	1600150	+	2	144	ATG	TGA	0	0	
mORF_+_1600266	1600266	1600286	+	3	21	ATG	TAA	0	0	
mORF_+_1600298	1600298	1600321	+	2	24	ATG	TGA	0	0	
mORF_+_1600355	1600355	1600366	+	2	12	ATG	TGA	0	0	
mORF_+_1600373	1600373	1600480	+	2	108	ATG	TGA	0	0	
mORF_+_1600481	1600481	1600570	+	2	90	ATG	TGA	0	0	
mORF_+_1600577	1600577	1600684	+	2	108	ATG	TGA	0	0	
mORF_+_1600730	1600730	1600789	+	2	60	GTG	TGA	0	0	
mORF_+_1600761	1600761	1600799	+	3	39	ATG	TGA	0	0	
mORF_+_1600790	1600790	1600918	+	2	129	TTG	TGA	0	0	
mORF_+_1600928	1600928	1600939	+	2	12	GTG	TGA	0	0	
mORF_+_1600988	1600988	1601071	+	2	84	ATG	TGA	0	0	
mORF_+_1601043	1601043	1602071	+	3	1029	ATG	TAA	0	0	
mORF_+_1601068	1601068	1601139	+	1	72	GTG	TAA	0	0	
mORF_+_1601140	1601140	1601154	+	1	15	GTG	TGA	0	0	
mORF_+_1601230	1601230	1601289	+	1	60	TTG	TGA	0	0	
mORF_+_1601261	1601261	1601467	+	2	207	GTG	TGA	0	0	
mORF_+_1601311	1601311	1601382	+	1	72	TTG	TAA	0	0	
mORF_+_1601395	1601395	1601418	+	1	24	TTG	TAG	0	0	
mORF_+_1601464	1601464	1601487	+	1	24	TTG	TGA	0	0	
mORF_+_1601512	1601512	1601538	+	1	27	TTG	TGA	0	0	
mORF_+_1601531	1601531	1601617	+	2	87	TTG	TAA	0	0	
mORF_+_1601587	1601587	1601682	+	1	96	TTG	TGA	0	0	
mORF_+_1601710	1601710	1601769	+	1	60	TTG	TGA	0	0	
mORF_+_1601776	1601776	1601859	+	1	84	TTG	TGA	0	0	
mORF_+_1601849	1601849	1601872	+	2	24	ATG	TAG	0	0	
mORF_+_1601900	1601900	1601911	+	2	12	ATG	TGA	0	0	
mORF_+_1601908	1601908	1602015	+	1	108	ATG	TGA	0	0	
mORF_+_1601966	1601966	1601983	+	2	18	TTG	TAA	0	0	
mORF_+_1602071	1602071	1603063	+	2	993	ATG	TAA	1	2	pORF_+_1602071
mORF_+_1602088	1602088	1602123	+	1	36	TTG	TGA	0	0	
mORF_+_1602102	1602102	1602161	+	3	60	TTG	TAG	0	0	
mORF_+_1602189	1602189	1602227	+	3	39	GTG	TAA	0	0	
mORF_+_1602237	1602237	1602347	+	3	111	TTG	TGA	0	0	
mORF_+_1602367	1602367	1602411	+	1	45	GTG	TAA	0	0	
mORF_+_1602429	1602429	1602572	+	3	144	TTG	TGA	0	0	
mORF_+_1602586	1602586	1602618	+	1	33	ATG	TAA	0	0	

mORF_+_1602624	1602624	1602647	+	3	24	ATG	TGA	0	0	
mORF_+_1602648	1602648	1602722	+	3	75	TTG	TGA	0	0	
mORF_+_1602703	1602703	1603002	+	1	300	ATG	TAG	0	0	
mORF_+_1602768	1602768	1602806	+	3	39	TTG	TGA	0	0	
mORF_+_1602831	1602831	1602896	+	3	66	TTG	TAG	0	0	
mORF_+_1602963	1602963	1602989	+	3	27	GTG	TAG	0	0	
mORF_+_1603027	1603027	1603050	+	1	24	GTG	TAA	0	0	
mORF_+_1603075	1603075	1604097	+	1	1023	ATG	TGA	8	29	pORF_+_1603075
mORF_+_1603118	1603118	1603141	+	2	24	TTG	TGA	0	0	
mORF_+_1603142	1603142	1603255	+	2	114	ATG	TGA	0	0	
mORF_+_1603280	1603280	1603303	+	2	24	GTG	TGA	0	0	
mORF_+_1603361	1603361	1603381	+	2	21	ATG	TGA	0	0	
mORF_+_1603368	1603368	1603427	+	3	60	GTG	TGA	0	0	
mORF_+_1603397	1603397	1603405	+	2	9	GTG	TGA	0	0	
mORF_+_1603440	1603440	1603460	+	3	21	GTG	TAA	0	0	
mORF_+_1603581	1603581	1603658	+	3	78	GTG	TAA	0	0	
mORF_+_1603634	1603634	1603699	+	2	66	TTG	TAA	0	0	
mORF_+_1603736	1603736	1603780	+	2	45	ATG	TGA	0	0	
mORF_+_1603784	1603784	1603795	+	2	12	ATG	TAG	0	0	
mORF_+_1603799	1603799	1603825	+	2	27	TTG	TGA	0	0	
mORF_+_1603835	1603835	1603840	+	2	6	ATG	TAG	0	0	
mORF_+_1603862	1603862	1603924	+	2	63	TTG	TGA	0	0	
mORF_+_1603869	1603869	1603982	+	3	114	GTG	TGA	0	0	
mORF_+_1603979	1603979	1604059	+	2	81	TTG	TGA	0	0	
mORF_+_1604097	1604097	1604111	+	3	15	ATG	TAA	0	0	
mORF_+_1604099	1604099	1604146	+	2	48	GTG	TAA	0	0	
mORF_+_1604124	1604124	1604999	+	3	876	ATG	TAA	12	58	pORF_+_1604124
mORF_+_1604149	1604149	1604202	+	1	54	ATG	TGA	0	0	
mORF_+_1604207	1604207	1604257	+	2	51	TTG	TAA	0	0	
mORF_+_1604212	1604212	1604280	+	1	69	GTG	TGA	0	0	
mORF_+_1604290	1604290	1604343	+	1	54	TTG	TAA	0	0	
mORF_+_1604359	1604359	1604379	+	1	21	TTG	TAA	0	0	
mORF_+_1604381	1604381	1604428	+	2	48	GTG	TAG	0	0	
mORF_+_1604452	1604452	1604478	+	1	27	GTG	TAA	0	0	
mORF_+_1604482	1604482	1604523	+	1	42	ATG	TGA	0	0	
mORF_+_1604528	1604528	1604569	+	2	42	TTG	TGA	0	0	
mORF_+_1604566	1604566	1604616	+	1	51	ATG	TGA	0	0	
mORF_+_1604740	1604740	1604919	+	1	180	ATG	TGA	0	0	
mORF_+_1604774	1604774	1604806	+	2	33	ATG	TAA	0	0	
mORF_+_1604837	1604837	1604887	+	2	51	GTG	TAA	0	0	
mORF_+_1604971	1604971	1604985	+	1	15	ATG	TGA	0	0	
mORF_+_1604986	1604986	1605042	+	1	57	GTG	TGA	0	0	
mORF_+_1605023	1605023	1605313	+	2	291	ATG	TGA	1	5	pORF_+_1605023
mORF_+_1605039	1605039	1605161	+	3	123	TTG	TGA	0	0	
mORF_+_1605195	1605195	1605266	+	3	72	ATG	TAA	0	0	
mORF_+_1605297	1605297	1605305	+	3	9	ATG	TGA	0	0	
mORF_+_1605310	1605310	1605348	+	1	39	GTG	TAA	0	0	
mORF_+_1605370	1605370	1606128	+	1	759	ATG	TAA	6	19	pORF_+_1605370
mORF_+_1605440	1605440	1605544	+	2	105	TTG	TAA	0	0	
mORF_+_1605525	1605525	1605578	+	3	54	TTG	TGA	0	0	
mORF_+_1605572	1605572	1605658	+	2	87	TTG	TGA	0	0	
mORF_+_1605662	1605662	1605877	+	2	216	TTG	TGA	0	0	
mORF_+_1605681	1605681	1605731	+	3	51	ATG	TAA	0	0	
mORF_+_1605888	1605888	1605893	+	3	6	ATG	TGA	0	0	
mORF_+_1605890	1605890	1605961	+	2	72	GTG	TGA	0	0	
mORF_+_1605954	1605954	1606025	+	3	72	TTG	TAA	0	0	
mORF_+_1606106	1606106	1606147	+	2	42	TTG	TAA	0	0	
mORF_+_1606147	1606147	1606200	+	1	54	ATG	TAA	0	0	
mORF_+_1606167	1606167	1606217	+	3	51	TTG	TAG	0	0	
mORF_+_1606220	1606220	1606312	+	2	93	TTG	TAG	0	0	
mORF_+_1606236	1606236	1606304	+	3	69	GTG	TAA	0	0	
mORF_+_1606340	1606340	1606345	+	2	6	ATG	TAA	0	0	
mORF_+_1606345	1606345	1606473	+	1	129	ATG	TGA	0	0	

mORF+_1606376	1606376	1606393	+	2	18	ATG	TAA	0	0	
mORF+_1606415	1606415	1606420	+	2	6	GTG	TAG	0	0	
mORF+_1606431	1606431	1606484	+	3	54	TTG	TAA	0	0	
mORF+_1606445	1606445	1606540	+	2	96	ATG	TGA	0	0	
mORF+_1606622	1606622	1606630	+	2	9	TTG	TAA	0	0	
mORF+_1606630	1606630	1606665	+	1	36	ATG	TAA	0	0	
mORF+_1606650	1606650	1606877	+	3	228	GTG	TGA	0	0	
mORF+_1606658	1606658	1606813	+	2	156	TTG	TAA	0	0	
mORF+_1606681	1606681	1606761	+	1	81	GTG	TAA	0	0	
mORF+_1606850	1606850	1607170	+	2	321	ATG	TAA	0	0	
mORF+_1606881	1606881	1606892	+	3	12	GTG	TGA	0	0	
mORF+_1606906	1606906	1606962	+	1	57	ATG	TAG	0	0	
mORF+_1606996	1606996	1607196	+	1	201	GTG	TAA	0	0	
mORF+_1607031	1607031	1607081	+	3	51	GTG	TAA	0	0	
mORF+_1607157	1607157	1607186	+	3	30	GTG	TAG	0	0	
mORF+_1607202	1607202	1607213	+	3	12	ATG	TAA	0	0	
mORF+_1607247	1607247	1607528	+	3	282	GTG	TAA	0	0	
mORF+_1607401	1607401	1607442	+	1	42	GTG	TGA	0	0	
mORF+_1607459	1607459	1607539	+	2	81	GTG	TAA	0	0	
mORF+_1607552	1607552	1607623	+	2	72	GTG	TGA	0	0	
mORF+_1607554	1607554	1607643	+	1	90	GTG	TGA	0	0	
mORF+_1607643	1607643	1607942	+	3	300	ATG	TAA	0	0	
mORF+_1607650	1607650	1607742	+	1	93	ATG	TAG	0	0	
mORF+_1607759	1607759	1607851	+	2	93	ATG	TGA	0	0	
mORF+_1607836	1607836	1607958	+	1	123	GTG	TGA	0	0	
mORF+_1607855	1607855	1607884	+	2	30	TTG	TAA	0	0	
mORF+_1607976	1607976	1608524	+	3	549	GTG	TGA	1	2	pORF+_1607976
mORF+_1607986	1607986	1608006	+	1	21	GTG	TGA	0	0	
mORF+_1608116	1608116	1608205	+	2	90	ATG	TGA	0	0	
mORF+_1608178	1608178	1608183	+	1	6	TTG	TAG	0	0	
mORF+_1608202	1608202	1608282	+	1	81	ATG	TAG	0	0	
mORF+_1608272	1608272	1608328	+	2	57	TTG	TGA	0	0	
mORF+_1608340	1608340	1608411	+	1	72	GTG	TAG	0	0	
mORF+_1608490	1608490	1608648	+	1	159	ATG	TGA	0	0	
mORF+_1608521	1608521	1608652	+	2	132	GTG	TGA	0	0	
mORF+_1608582	1608582	1608695	+	3	114	GTG	TAG	0	0	
mORF+_1608649	1608649	1608852	+	1	204	ATG	TAA	0	0	
mORF+_1608668	1608668	1608721	+	2	54	GTG	TGA	0	0	
mORF+_1608744	1608744	1608770	+	3	27	TTG	TAA	0	0	
mORF+_1608788	1608788	1608802	+	2	15	TTG	TGA	0	0	
mORF+_1608809	1608809	1608883	+	2	75	ATG	TAA	0	0	
mORF+_1608885	1608885	1608959	+	3	75	GTG	TAG	0	0	
mORF+_1608898	1608898	1608918	+	1	21	TTG	TAA	0	0	
mORF+_1608928	1608928	1609050	+	1	123	ATG	TAG	0	0	
mORF+_1608959	1608959	1609096	+	2	138	GTG	TAA	0	0	
mORF+_1609056	1609056	1609091	+	3	36	ATG	TGA	0	0	
mORF+_1609105	1609105	1609161	+	1	57	TTG	TAG	0	0	
mORF+_1609115	1609115	1609255	+	2	141	GTG	TGA	0	0	
mORF+_1609119	1609119	1609316	+	3	198	ATG	TAA	0	0	
mORF+_1609258	1609258	1609278	+	1	21	ATG	TAA	0	0	
mORF+_1609297	1609297	1609413	+	1	117	ATG	TGA	0	0	
mORF+_1609316	1609316	1609330	+	2	15	ATG	TAG	0	0	
mORF+_1609346	1609346	1609399	+	2	54	ATG	TAA	0	0	
mORF+_1609362	1609362	1609475	+	3	114	GTG	TGA	0	0	
mORF+_1609456	1609456	1609467	+	1	12	TTG	TAG	0	0	
mORF+_1609472	1609472	1609663	+	2	192	TTG	TAG	0	0	
mORF+_1609503	1609503	1609628	+	3	126	TTG	TGA	0	0	
mORF+_1609549	1609549	1609683	+	1	135	TTG	TAA	0	0	
mORF+_1609644	1609644	1609724	+	3	81	ATG	TGA	0	0	
mORF+_1609721	1609721	1609921	+	2	201	ATG	TAG	0	0	
mORF+_1609845	1609845	1609862	+	3	18	TTG	TGA	0	0	
mORF+_1609852	1609852	1610064	+	1	213	TTG	TAA	0	0	
mORF+_1609923	1609923	1609949	+	3	27	ATG	TAA	0	0	

mORF_+_1609971	1609971	1610096	+	3	126	TTG	TAG	0	0
mORF_+_1610081	1610081	1610134	+	2	54	ATG	TGA	0	0
mORF_+_1610086	1610086	1610190	+	1	105	ATG	TAA	0	0
mORF_+_1610159	1610159	1610269	+	2	111	ATG	TGA	0	0
mORF_+_1610190	1610190	1610210	+	3	21	ATG	TAG	0	0
mORF_+_1610227	1610227	1610310	+	1	84	ATG	TGA	0	0
mORF_+_1610279	1610279	1610575	+	2	297	ATG	TAA	0	0
mORF_+_1610307	1610307	1610369	+	3	63	TTG	TAA	0	0
mORF_+_1610382	1610382	1610510	+	3	129	TTG	TAG	0	0
mORF_+_1610449	1610449	1610619	+	1	171	ATG	TGA	0	0
mORF_+_1610577	1610577	1610843	+	3	267	TTG	TAA	0	0
mORF_+_1610591	1610591	1610623	+	2	33	TTG	TAG	0	0
mORF_+_1610717	1610717	1610767	+	2	51	TTG	TAG	0	0
mORF_+_1610737	1610737	1610820	+	1	84	TTG	TAG	0	0
mORF_+_1610868	1610868	1610885	+	3	18	TTG	TAA	0	0
mORF_+_1610873	1610873	1610929	+	2	57	GTG	TAA	0	0
mORF_+_1610892	1610892	1610975	+	3	84	TTG	TAA	0	0
mORF_+_1610929	1610929	1611039	+	1	111	ATG	TAA	0	0
mORF_+_1610987	1610987	1611079	+	2	93	GTG	TAG	0	0
mORF_+_1611015	1611015	1611248	+	3	234	TTG	TAA	0	0
mORF_+_1611046	1611046	1611084	+	1	39	ATG	TGA	0	0
mORF_+_1611085	1611085	1611117	+	1	33	ATG	TGA	0	0
mORF_+_1611214	1611214	1611465	+	1	252	ATG	TAA	0	0
mORF_+_1611251	1611251	1611301	+	2	51	TTG	TGA	0	0
mORF_+_1611381	1611381	1611386	+	3	6	GTG	TAA	0	0
mORF_+_1611393	1611393	1611548	+	3	156	ATG	TGA	0	0
mORF_+_1611469	1611469	1611690	+	1	222	TTG	TAG	0	0
mORF_+_1611497	1611497	1611535	+	2	39	GTG	TAA	0	0
mORF_+_1611581	1611581	1611610	+	2	30	GTG	TGA	0	0
mORF_+_1611585	1611585	1611728	+	3	144	ATG	TAA	0	0
mORF_+_1611611	1611611	1611664	+	2	54	TTG	TAA	0	0
mORF_+_1611680	1611680	1611877	+	2	198	TTG	TAA	0	0
mORF_+_1611765	1611765	1611785	+	3	21	ATG	TAA	0	0
mORF_+_1611878	1611878	1611904	+	2	27	ATG	TAA	0	0
mORF_+_1611914	1611914	1611997	+	2	84	TTG	TAA	0	0
mORF_+_1612046	1612046	1612072	+	2	27	GTG	TAG	0	0
mORF_+_1612102	1612102	1612137	+	1	36	GTG	TGA	0	0
mORF_+_1612150	1612150	1612260	+	1	111	TTG	TAG	0	0
mORF_+_1612179	1612179	1612256	+	3	78	TTG	TAA	0	0
mORF_+_1612181	1612181	1612201	+	2	21	GTG	TAA	0	0
mORF_+_1612220	1612220	1612252	+	2	33	GTG	TAA	0	0
mORF_+_1612276	1612276	1612377	+	1	102	ATG	TGA	0	0
mORF_+_1612409	1612409	1612480	+	2	72	TTG	TGA	0	0
mORF_+_1612419	1612419	1612790	+	3	372	ATG	TGA	0	0
mORF_+_1612477	1612477	1612575	+	1	99	TTG	TAA	0	0
mORF_+_1612481	1612481	1612504	+	2	24	TTG	TGA	0	0
mORF_+_1612583	1612583	1612720	+	2	138	TTG	TAA	0	0
mORF_+_1612681	1612681	1612707	+	1	27	GTG	TGA	0	0
mORF_+_1612720	1612720	1612746	+	1	27	ATG	TGA	0	0
mORF_+_1612750	1612750	1612758	+	1	9	ATG	TGA	0	0
mORF_+_1612777	1612777	1612785	+	1	9	TTG	TAA	0	0
mORF_+_1612787	1612787	1612837	+	2	51	ATG	TGA	0	0
mORF_+_1612828	1612828	1613709	+	1	882	ATG	TGA	0	0
mORF_+_1612862	1612862	1612882	+	2	21	TTG	TAA	0	0
mORF_+_1612961	1612961	1613050	+	2	90	TTG	TAG	0	0
mORF_+_1613054	1613054	1613245	+	2	192	ATG	TGA	0	0
mORF_+_1613246	1613246	1613317	+	2	72	ATG	TGA	0	0
mORF_+_1613339	1613339	1613350	+	2	12	ATG	TAA	0	0
mORF_+_1613354	1613354	1613503	+	2	150	GTG	TGA	0	0
mORF_+_1613400	1613400	1613441	+	3	42	TTG	TGA	0	0
mORF_+_1613519	1613519	1613587	+	2	69	TTG	TAG	0	0
mORF_+_1613577	1613577	1613591	+	3	15	GTG	TGA	0	0
mORF_+_1613595	1613595	1613684	+	3	90	ATG	TGA	0	0

mORF+_1613630	1613630	1613764	+	2	135	GTG	TGA	0	0
mORF+_1613706	1613706	1613720	+	3	15	ATG	TGA	0	0
mORF+_1613727	1613727	1613750	+	3	24	TTG	TAG	0	0
mORF+_1613761	1613761	1613802	+	1	42	ATG	TAA	0	0
mORF+_1613768	1613768	1613830	+	2	63	ATG	TGA	0	0
mORF+_1613787	1613787	1614902	+	3	1116	ATG	TAA	0	0
mORF+_1613830	1613830	1613865	+	1	36	ATG	TAA	0	0
mORF+_1613887	1613887	1613907	+	1	21	TTG	TAA	0	0
mORF+_1613909	1613909	1613914	+	2	6	ATG	TAA	0	0
mORF+_1613914	1613914	1613937	+	1	24	ATG	TAA	0	0
mORF+_1613921	1613921	1613968	+	2	48	GTG	TAA	0	0
mORF+_1613974	1613974	1614105	+	1	132	TTG	TAG	0	0
mORF+_1614145	1614145	1614246	+	1	102	ATG	TGA	0	0
mORF+_1614167	1614167	1614250	+	2	84	TTG	TGA	0	0
mORF+_1614247	1614247	1614273	+	1	27	ATG	TGA	0	0
mORF+_1614283	1614283	1614384	+	1	102	GTG	TGA	0	0
mORF+_1614406	1614406	1614477	+	1	72	TTG	TGA	0	0
mORF+_1614425	1614425	1614433	+	2	9	ATG	TAA	0	0
mORF+_1614449	1614449	1614463	+	2	15	ATG	TAA	0	0
mORF+_1614562	1614562	1614603	+	1	42	ATG	TAG	0	0
mORF+_1614688	1614688	1614702	+	1	15	ATG	TGA	0	0
mORF+_1614703	1614703	1614714	+	1	12	ATG	TGA	0	0
mORF+_1614730	1614730	1614783	+	1	54	GTG	TAA	0	0
mORF+_1614787	1614787	1614825	+	1	39	ATG	TGA	0	0
mORF+_1614906	1614906	1614926	+	3	21	GTG	TGA	0	0
mORF+_1614930	1614930	1615055	+	3	126	GTG	TGA	0	0
mORF+_1614983	1614983	1615000	+	2	18	TTG	TAA	0	0
mORF+_1615052	1615052	1616242	+	2	1191	ATG	TAG	0	0
mORF+_1615084	1615084	1615164	+	1	81	GTG	TGA	0	0
mORF+_1615140	1615140	1615214	+	3	75	TTG	TGA	0	0
mORF+_1615225	1615225	1615278	+	1	54	ATG	TGA	0	0
mORF+_1615275	1615275	1615295	+	3	21	TTG	TGA	0	0
mORF+_1615305	1615305	1615367	+	3	63	TTG	TGA	0	0
mORF+_1615345	1615345	1615608	+	1	264	GTG	TAA	0	0
mORF+_1615377	1615377	1615469	+	3	93	TTG	TGA	0	0
mORF+_1615476	1615476	1615508	+	3	33	TTG	TAG	0	0
mORF+_1615527	1615527	1615556	+	3	30	TTG	TGA	0	0
mORF+_1615569	1615569	1615604	+	3	36	TTG	TGA	0	0
mORF+_1615629	1615629	1615649	+	3	21	GTG	TGA	0	0
mORF+_1615713	1615713	1615841	+	3	129	TTG	TGA	0	0
mORF+_1615866	1615866	1615883	+	3	18	ATG	TGA	0	0
mORF+_1615893	1615893	1615964	+	3	72	TTG	TGA	0	0
mORF+_1615909	1615909	1615944	+	1	36	GTG	TGA	0	0
mORF+_1616001	1616001	1616108	+	3	108	TTG	TAG	0	0
mORF+_1616145	1616145	1616183	+	3	39	TTG	TAA	0	0
mORF+_1616185	1616185	1616283	+	1	99	TTG	TAA	0	0
mORF+_1616243	1616243	1616410	+	2	168	TTG	TAG	0	0
mORF+_1616283	1616283	1616495	+	3	213	ATG	TGA	0	0
mORF+_1616392	1616392	1616427	+	1	36	TTG	TAA	0	0
mORF+_1616485	1616485	1616517	+	1	33	TTG	TAA	0	0
mORF+_1616502	1616502	1616756	+	3	255	GTG	TAA	0	0
mORF+_1616551	1616551	1616676	+	1	126	TTG	TAA	0	0
mORF+_1616648	1616648	1616689	+	2	42	TTG	TAA	0	0
mORF+_1616728	1616728	1616772	+	1	45	ATG	TGA	0	0
mORF+_1616744	1616744	1616854	+	2	111	TTG	TAA	0	0
mORF+_1616769	1616769	1616807	+	3	39	ATG	TGA	0	0
mORF+_1616829	1616829	1616978	+	3	150	ATG	TAA	0	0
mORF+_1616863	1616863	1616877	+	1	15	TTG	TAG	0	0
mORF+_1616911	1616911	1616919	+	1	9	TTG	TAA	0	0
mORF+_1616932	1616932	1616985	+	1	54	TTG	TAA	0	0
mORF+_1616939	1616939	1616995	+	2	57	TTG	TAA	0	0
mORF+_1616997	1616997	1617014	+	3	18	GTG	TAG	0	0
mORF+_1617017	1617017	1617142	+	2	126	TTG	TAA	0	0

mORF+_1617027	1617027	1617041	+	3	15	TTG	TGA	0	0	
mORF+_1617058	1617058	1617084	+	1	27	GTG	TGA	0	0	
mORF+_1617081	1617081	1617122	+	3	42	TTG	TAA	0	0	
mORF+_1617127	1617127	1617147	+	1	21	TTG	TGA	0	0	
mORF+_1617144	1617144	1617578	+	3	435	GTG	TAA	0	0	
mORF+_1617169	1617169	1617195	+	1	27	ATG	TAA	0	0	
mORF+_1617302	1617302	1617319	+	2	18	GTG	TGA	0	0	
mORF+_1617316	1617316	1617324	+	1	9	TTG	TGA	0	0	
mORF+_1617415	1617415	1617438	+	1	24	ATG	TAA	0	0	
mORF+_1617464	1617464	1617469	+	2	6	ATG	TGA	0	0	
mORF+_1617466	1617466	1617486	+	1	21	GTG	TAG	0	0	
mORF+_1617473	1617473	1617550	+	2	78	ATG	TGA	0	0	
mORF+_1617487	1617487	1617513	+	1	27	TTG	TAA	0	0	
mORF+_1617547	1617547	1617981	+	1	435	TTG	TAG	0	0	
mORF+_1617714	1617714	1617737	+	3	24	ATG	TAA	0	0	
mORF+_1617848	1617848	1617874	+	2	27	ATG	TGA	0	0	
mORF+_1617896	1617896	1617925	+	2	30	TTG	TGA	0	0	
mORF+_1617982	1617982	1617993	+	1	12	TTG	TGA	0	0	
mORF+_1617990	1617990	1618016	+	3	27	GTG	TGA	0	0	
mORF+_1618013	1618013	1618231	+	2	219	ATG	TAG	0	0	
mORF+_1618071	1618071	1618160	+	3	90	TTG	TAA	0	0	
mORF+_1618105	1618105	1618155	+	1	51	TTG	TGA	0	0	
mORF+_1618179	1618179	1618265	+	3	87	GTG	TAA	0	0	
mORF+_1618308	1618308	1618448	+	3	141	TTG	TAG	0	0	
mORF+_1618349	1618349	1618363	+	2	15	TTG	TAA	0	0	
mORF+_1618381	1618381	1618539	+	1	159	GTG	TAG	1	3	pORF+_1618381
mORF+_1618521	1618521	1618553	+	3	33	ATG	TGA	0	0	
mORF+_1618550	1618550	1618615	+	2	66	GTG	TAA	0	0	
mORF+_1618557	1618557	1618751	+	3	195	ATG	TGA	0	0	
mORF+_1618561	1618561	1618605	+	1	45	TTG	TGA	0	0	
mORF+_1618606	1618606	1618668	+	1	63	TTG	TGA	0	0	
mORF+_1618658	1618658	1618774	+	2	117	GTG	TAA	0	0	
mORF+_1618705	1618705	1618728	+	1	24	ATG	TAA	0	0	
mORF+_1618814	1618814	1618885	+	2	72	TTG	TAA	0	0	
mORF+_1618818	1618818	1619081	+	3	264	TTG	TGA	0	0	
mORF+_1618876	1618876	1618923	+	1	48	GTG	TAA	0	0	
mORF+_1618990	1618990	1619022	+	1	33	GTG	TAG	0	0	
mORF+_1619068	1619068	1619094	+	1	27	GTG	TGA	0	0	
mORF+_1619078	1619078	1619110	+	2	33	ATG	TAG	0	0	
mORF+_1619091	1619091	1619204	+	3	114	TTG	TAG	0	0	
mORF+_1619186	1619186	1619191	+	2	6	TTG	TAA	0	0	
mORF+_1619228	1619228	1619239	+	2	12	TTG	TAG	0	0	
mORF+_1619261	1619261	1619272	+	2	12	ATG	TAA	0	0	
mORF+_1619292	1619292	1619534	+	3	243	TTG	TAG	0	0	
mORF+_1619297	1619297	1619359	+	2	63	ATG	TGA	0	0	
mORF+_1619356	1619356	1620543	+	1	1188	ATG	TGA	0	0	
mORF+_1619393	1619393	1619413	+	2	21	TTG	TAA	0	0	
mORF+_1619477	1619477	1619488	+	2	12	GTG	TAA	0	0	
mORF+_1619495	1619495	1619503	+	2	9	ATG	TGA	0	0	
mORF+_1619507	1619507	1619632	+	2	126	TTG	TAG	0	0	
mORF+_1619651	1619651	1619707	+	2	57	TTG	TGA	0	0	
mORF+_1619717	1619717	1619779	+	2	63	TTG	TAA	0	0	
mORF+_1619783	1619783	1619824	+	2	42	TTG	TAA	0	0	
mORF+_1619895	1619895	1619972	+	3	78	TTG	TAA	0	0	
mORF+_1619939	1619939	1620019	+	2	81	GTG	TAA	0	0	
mORF+_1619982	1619982	1620068	+	3	87	GTG	TGA	0	0	
mORF+_1620029	1620029	1620055	+	2	27	TTG	TGA	0	0	
mORF+_1620062	1620062	1620112	+	2	51	TTG	TGA	0	0	
mORF+_1620113	1620113	1620184	+	2	72	ATG	TGA	0	0	
mORF+_1620255	1620255	1620290	+	3	36	GTG	TGA	0	0	
mORF+_1620287	1620287	1620322	+	2	36	GTG	TGA	0	0	
mORF+_1620323	1620323	1620349	+	2	27	TTG	TGA	0	0	
mORF+_1620386	1620386	1620409	+	2	24	TTG	TAG	0	0	

mORF_+_1620413	1620413	1620421	+	2	9	GTG	TAG	0	0
mORF_+_1620452	1620452	1620463	+	2	12	TTG	TAG	0	0
mORF_+_1620476	1620476	1620493	+	2	18	TTG	TGA	0	0
mORF_+_1620483	1620483	1620548	+	3	66	GTG	TAA	0	0
mORF_+_1620612	1620612	1620620	+	3	9	TTG	TGA	0	0
mORF_+_1620617	1620617	1620670	+	2	54	ATG	TAA	0	0
mORF_+_1620670	1620670	1620765	+	1	96	ATG	TAA	0	0
mORF_+_1620686	1620686	1620712	+	2	27	ATG	TAA	0	0
mORF_+_1620753	1620753	1620761	+	3	9	ATG	TGA	0	0
mORF_+_1620758	1620758	1620778	+	2	21	ATG	TAA	0	0
mORF_+_1620765	1620765	1620869	+	3	105	ATG	TGA	0	0
mORF_+_1620799	1620799	1620858	+	1	60	TTG	TAA	0	0
mORF_+_1620866	1620866	1620943	+	2	78	GTG	TGA	0	0
mORF_+_1620870	1620870	1620929	+	3	60	ATG	TGA	0	0
mORF_+_1620874	1620874	1620885	+	1	12	TTG	TAG	0	0
mORF_+_1620895	1620895	1620909	+	1	15	TTG	TAA	0	0
mORF_+_1620940	1620940	1620951	+	1	12	TTG	TAG	0	0
mORF_+_1620966	1620966	1621181	+	3	216	ATG	TAA	0	0
mORF_+_1620970	1620970	1620987	+	1	18	ATG	TAA	0	0
mORF_+_1621021	1621021	1621263	+	1	243	ATG	TAG	0	0
mORF_+_1621058	1621058	1621081	+	2	24	TTG	TGA	0	0
mORF_+_1621106	1621106	1621135	+	2	30	ATG	TAA	0	0
mORF_+_1621157	1621157	1621162	+	2	6	GTG	TGA	0	0
mORF_+_1621208	1621208	1621225	+	2	18	ATG	TAG	0	0
mORF_+_1621307	1621307	1621360	+	2	54	TTG	TAA	0	0
mORF_+_1621315	1621315	1621350	+	1	36	GTG	TAG	0	0
mORF_+_1621341	1621341	1621394	+	3	54	ATG	TAA	0	0
mORF_+_1621417	1621417	1621428	+	1	12	TTG	TGA	0	0
mORF_+_1621428	1621428	1621526	+	3	99	ATG	TAA	0	0
mORF_+_1621486	1621486	1621509	+	1	24	TTG	TAA	0	0
mORF_+_1621513	1621513	1621518	+	1	6	TTG	TAA	0	0
mORF_+_1621526	1621526	1621537	+	2	12	ATG	TAA	0	0
mORF_+_1621569	1621569	1621610	+	3	42	ATG	TAA	0	0
mORF_+_1621626	1621626	1621655	+	3	30	ATG	TAG	0	0
mORF_+_1621685	1621685	1621822	+	2	138	GTG	TAG	0	0
mORF_+_1621695	1621695	1621838	+	3	144	ATG	TAA	0	0
mORF_+_1621828	1621828	1621983	+	1	156	TTG	TAA	0	0
mORF_+_1621859	1621859	1621870	+	2	12	TTG	TGA	0	0
mORF_+_1621874	1621874	1621915	+	2	42	TTG	TAA	0	0
mORF_+_1621964	1621964	1621978	+	2	15	ATG	TGA	0	0
mORF_+_1621986	1621986	1621991	+	3	6	TTG	TGA	0	0
mORF_+_1621988	1621988	1621996	+	2	9	GTG	TAA	0	0
mORF_+_1622019	1622019	1622144	+	3	126	GTG	TGA	0	0
mORF_+_1622092	1622092	1622103	+	1	12	ATG	TAG	0	0
mORF_+_1622141	1622141	1622326	+	2	186	ATG	TAG	0	0
mORF_+_1622145	1622145	1622216	+	3	72	GTG	TGA	0	0
mORF_+_1622301	1622301	1622306	+	3	6	TTG	TGA	0	0
mORF_+_1622326	1622326	1622484	+	1	159	GTG	TGA	0	0
mORF_+_1622345	1622345	1622449	+	2	105	GTG	TAA	0	0
mORF_+_1622349	1622349	1622402	+	3	54	ATG	TAG	0	0
mORF_+_1622481	1622481	1622513	+	3	33	ATG	TGA	0	0
mORF_+_1622494	1622494	1622526	+	1	33	TTG	TAA	0	0
mORF_+_1622535	1622535	1622549	+	3	15	TTG	TGA	0	0
mORF_+_1622546	1622546	1622557	+	2	12	TTG	TAA	0	0
mORF_+_1622564	1622564	1622578	+	2	15	TTG	TAA	0	0
mORF_+_1622579	1622579	1622665	+	2	87	TTG	TAA	0	0
mORF_+_1622595	1622595	1622633	+	3	39	TTG	TAG	0	0
mORF_+_1622602	1622602	1622610	+	1	9	TTG	TAA	0	0
mORF_+_1622677	1622677	1622778	+	1	102	TTG	TAA	0	0
mORF_+_1622718	1622718	1622807	+	3	90	ATG	TAA	0	0
mORF_+_1622783	1622783	1622800	+	2	18	GTG	TGA	0	0
mORF_+_1622797	1622797	1623315	+	1	519	GTG	TAA	0	0
mORF_+_1622819	1622819	1622833	+	2	15	TTG	TAG	0	0

mORF_+_1622846	1622846	1622857	+	2	12	TTG	TGA	0	0	
mORF_+_1622916	1622916	1622930	+	3	15	ATG	TAA	0	0	
mORF_+_1622946	1622946	1622957	+	3	12	GTG	TGA	0	0	
mORF_+_1622948	1622948	1623016	+	2	69	GTG	TGA	0	0	
mORF_+_1623044	1623044	1623064	+	2	21	TTG	TGA	0	0	
mORF_+_1623065	1623065	1623103	+	2	39	GTG	TAG	0	0	
mORF_+_1623107	1623107	1623265	+	2	159	GTG	TAG	0	0	
mORF_+_1623198	1623198	1623209	+	3	12	GTG	TAA	0	0	
mORF_+_1623281	1623281	1623502	+	2	222	TTG	TAA	0	0	
mORF_+_1623349	1623349	1623396	+	1	48	TTG	TAA	0	0	
mORF_+_1623363	1623363	1623527	+	3	165	ATG	TGA	0	0	
mORF_+_1623403	1623403	1623636	+	1	234	GTG	TAG	0	0	
mORF_+_1623548	1623548	1624003	+	2	456	TTG	TAA	0	0	
mORF_+_1623697	1623697	1623750	+	1	54	TTG	TAA	0	0	
mORF_+_1623774	1623774	1623839	+	3	66	TTG	TGA	0	0	
mORF_+_1623823	1623823	1623894	+	1	72	TTG	TGA	0	0	
mORF_+_1623891	1623891	1623953	+	3	63	TTG	TAA	0	0	
mORF_+_1624008	1624008	1624058	+	3	51	ATG	TGA	0	0	
mORF_+_1624062	1624062	1624076	+	3	15	TTG	TAA	0	0	
mORF_+_1624085	1624085	1624105	+	2	21	ATG	TGA	0	0	
mORF_+_1624087	1624087	1624098	+	1	12	GTG	TAA	0	0	
mORF_+_1624102	1624102	1624266	+	1	165	TTG	TAA	0	0	
mORF_+_1624106	1624106	1624147	+	2	42	TTG	TGA	0	0	
mORF_+_1624119	1624119	1624172	+	3	54	TTG	TAA	0	0	
mORF_+_1624196	1624196	1624309	+	2	114	ATG	TAA	0	0	
mORF_+_1624314	1624314	1624388	+	3	75	GTG	TAA	0	0	
mORF_+_1624330	1624330	1624338	+	1	9	ATG	TGA	0	0	
mORF_+_1624390	1624390	1624416	+	1	27	ATG	TAA	0	0	
mORF_+_1624449	1624449	1624478	+	3	30	ATG	TGA	0	0	
mORF_+_1624475	1624475	1624582	+	2	108	TTG	TAG	0	0	
mORF_+_1624513	1624513	1624623	+	1	111	GTG	TGA	0	0	
mORF_+_1624592	1624592	1624879	+	2	288	TTG	TAA	0	0	
mORF_+_1624620	1624620	1624985	+	3	366	ATG	TGA	0	0	
mORF_+_1624867	1624867	1624890	+	1	24	TTG	TAA	0	0	
mORF_+_1624936	1624936	1625097	+	1	162	TTG	TAG	0	0	
mORF_+_1624949	1624949	1625071	+	2	123	TTG	TAA	0	0	
mORF_+_1625007	1625007	1625087	+	3	81	ATG	TAG	0	0	
mORF_+_1625151	1625151	1625324	+	3	174	TTG	TAG	0	0	
mORF_+_1625156	1625156	1625203	+	2	48	ATG	TAA	0	0	
mORF_+_1625213	1625213	1625440	+	2	228	TTG	TAG	0	0	
mORF_+_1625221	1625221	1625232	+	1	12	GTG	TAG	0	0	
mORF_+_1625311	1625311	1625529	+	1	219	ATG	TGA	0	0	
mORF_+_1625331	1625331	1625342	+	3	12	TTG	TGA	0	0	
mORF_+_1625370	1625370	1625417	+	3	48	GTG	TGA	0	0	
mORF_+_1625457	1625457	1625513	+	3	57	GTG	TGA	0	0	
mORF_+_1625465	1625465	1625491	+	2	27	TTG	TAA	0	0	
mORF_+_1625504	1625504	1625539	+	2	36	ATG	TGA	0	0	
mORF_+_1625526	1625526	1626287	+	3	762	TTG	TAA	32	984	pORF_+_1625526
mORF_+_1625536	1625536	1625544	+	1	9	GTG	TGA	0	0	
mORF_+_1625575	1625575	1625661	+	1	87	TTG	TAA	0	0	
mORF_+_1625582	1625582	1625617	+	2	36	ATG	TAA	0	0	
mORF_+_1625722	1625722	1625778	+	1	57	TTG	TAA	0	0	
mORF_+_1625753	1625753	1625767	+	2	15	GTG	TGA	0	0	
mORF_+_1625782	1625782	1625847	+	1	66	ATG	TGA	0	0	
mORF_+_1625848	1625848	1625880	+	1	33	TTG	TGA	0	0	
mORF_+_1625905	1625905	1626018	+	1	114	TTG	TGA	0	0	
mORF_+_1626037	1626037	1626162	+	1	126	ATG	TGA	0	0	
mORF_+_1626172	1626172	1626240	+	1	69	ATG	TGA	0	0	
mORF_+_1626191	1626191	1626340	+	2	150	GTG	TAG	0	0	
mORF_+_1626259	1626259	1626270	+	1	12	ATG	TGA	0	0	
mORF_+_1626271	1626271	1626354	+	1	84	ATG	TAA	0	0	
mORF_+_1626321	1626321	1626398	+	3	78	TTG	TAA	0	0	
mORF_+_1626376	1626376	1627062	+	1	687	ATG	TAA	3	6	pORF_+_1626376

mORF_+_1626449	1626449	1626463	+	2	15	TTG	TGA	0	0	
mORF_+_1626456	1626456	1626536	+	3	81	TTG	TGA	0	0	
mORF_+_1626464	1626464	1626568	+	2	105	TTG	TGA	0	0	
mORF_+_1626587	1626587	1626688	+	2	102	GTG	TGA	0	0	
mORF_+_1626657	1626657	1626749	+	3	93	GTG	TGA	0	0	
mORF_+_1626740	1626740	1626805	+	2	66	TTG	TGA	0	0	
mORF_+_1626812	1626812	1626853	+	2	42	TTG	TGA	0	0	
mORF_+_1626831	1626831	1626845	+	3	15	GTG	TGA	0	0	
mORF_+_1626863	1626863	1626883	+	2	21	TTG	TGA	0	0	
mORF_+_1626929	1626929	1626973	+	2	45	TTG	TGA	0	0	
mORF_+_1626977	1626977	1626985	+	2	9	GTG	TGA	0	0	
mORF_+_1627088	1627088	1627141	+	2	54	GTG	TGA	0	0	
mORF_+_1627111	1627111	1627242	+	1	132	ATG	TGA	0	0	
mORF_+_1627122	1627122	1627217	+	3	96	ATG	TAA	0	0	
mORF_+_1627239	1627239	1627442	+	3	204	ATG	TAA	27	297	pORF_+_1627239
mORF_+_1627285	1627285	1627347	+	1	63	GTG	TGA	0	0	
mORF_+_1627381	1627381	1627422	+	1	42	TTG	TGA	0	0	
mORF_+_1627391	1627391	1627396	+	2	6	TTG	TGA	0	0	
mORF_+_1627445	1627445	1627450	+	2	6	GTG	TGA	0	0	
mORF_+_1627447	1627447	1627524	+	1	78	GTG	TAA	0	0	
mORF_+_1627451	1627451	1627660	+	2	210	ATG	TGA	0	0	
mORF_+_1627494	1627494	1627559	+	3	66	TTG	TAA	0	0	
mORF_+_1627611	1627611	1627664	+	3	54	ATG	TAA	0	0	
mORF_+_1627645	1627645	1627671	+	1	27	TTG	TAA	0	0	
mORF_+_1627674	1627674	1627685	+	3	12	GTG	TGA	0	0	
mORF_+_1627766	1627766	1627858	+	2	93	TTG	TGA	0	0	
mORF_+_1627774	1627774	1627863	+	1	90	ATG	TAA	0	0	
mORF_+_1627812	1627812	1627898	+	3	87	GTG	TAG	0	0	
mORF_+_1627871	1627871	1627879	+	2	9	TTG	TAG	0	0	
mORF_+_1627906	1627906	1628049	+	1	144	TTG	TGA	0	0	
mORF_+_1628006	1628006	1628014	+	2	9	ATG	TGA	0	0	
mORF_+_1628046	1628046	1628063	+	3	18	ATG	TGA	0	0	
mORF_+_1628050	1628050	1628283	+	1	234	ATG	TGA	0	0	
mORF_+_1628060	1628060	1628089	+	2	30	TTG	TAA	0	0	
mORF_+_1628277	1628277	1628351	+	3	75	TTG	TGA	0	0	
mORF_+_1628311	1628311	1628397	+	1	87	TTG	TGA	0	0	
mORF_+_1628348	1628348	1628371	+	2	24	GTG	TGA	0	0	
mORF_+_1628384	1628384	1628515	+	2	132	ATG	TGA	0	0	
mORF_+_1628394	1628394	1628402	+	3	9	ATG	TGA	0	0	
mORF_+_1628409	1628409	1628567	+	3	159	ATG	TGA	0	0	
mORF_+_1628479	1628479	1628526	+	1	48	GTG	TAA	0	0	
mORF_+_1628545	1628545	1628625	+	1	81	GTG	TAA	0	0	
mORF_+_1628564	1628564	1628713	+	2	150	GTG	TAA	0	0	
mORF_+_1628568	1628568	1628657	+	3	90	TTG	TAA	0	0	
mORF_+_1628641	1628641	1628733	+	1	93	GTG	TAA	0	0	
mORF_+_1628743	1628743	1628763	+	1	21	TTG	TAA	0	0	
mORF_+_1628765	1628765	1628776	+	2	12	TTG	TAA	0	0	
mORF_+_1628794	1628794	1628859	+	1	66	ATG	TAA	0	0	
mORF_+_1628844	1628844	1628888	+	3	45	ATG	TAA	0	0	
mORF_+_1628860	1628860	1628919	+	1	60	ATG	TGA	0	0	
mORF_+_1628904	1628904	1628939	+	3	36	GTG	TAA	0	0	
mORF_+_1628959	1628959	1629021	+	1	63	ATG	TAA	0	0	
mORF_+_1628976	1628976	1628990	+	3	15	TTG	TAA	0	0	
mORF_+_1629044	1629044	1629100	+	2	57	TTG	TAA	0	0	
mORF_+_1629157	1629157	1629165	+	1	9	ATG	TGA	0	0	
mORF_+_1629162	1629162	1629359	+	3	198	ATG	TGA	0	0	
mORF_+_1629356	1629356	1629496	+	2	141	ATG	TAA	0	0	
mORF_+_1629370	1629370	1629381	+	1	12	GTG	TAA	0	0	
mORF_+_1629381	1629381	1629398	+	3	18	ATG	TAG	0	0	
mORF_+_1629411	1629411	1629596	+	3	186	ATG	TAG	0	0	
mORF_+_1629424	1629424	1629459	+	1	36	TTG	TAA	0	0	
mORF_+_1629547	1629547	1629573	+	1	27	ATG	TAA	0	0	
mORF_+_1629655	1629655	1629732	+	1	78	TTG	TAA	0	0	

mORF_+_1629672	1629672	1630013	+	3	342	TTG	TGA	0	0	
mORF_+_1629716	1629716	1629925	+	2	210	TTG	TGA	0	0	
mORF_+_1629877	1629877	1629906	+	1	30	TTG	TAG	0	0	
mORF_+_1629922	1629922	1629933	+	1	12	ATG	TAA	0	0	
mORF_+_1629949	1629949	1630017	+	1	69	TTG	TAA	0	0	
mORF_+_1630038	1630038	1630067	+	3	30	ATG	TAG	0	0	
mORF_+_1630042	1630042	1630113	+	1	72	GTG	TGA	0	0	
mORF_+_1630089	1630089	1630196	+	3	108	GTG	TAA	0	0	
mORF_+_1630171	1630171	1630311	+	1	141	ATG	TAA	0	0	
mORF_+_1630265	1630265	1630276	+	2	12	ATG	TAA	0	0	
mORF_+_1630319	1630319	1630372	+	2	54	GTG	TAG	0	0	
mORF_+_1630336	1630336	1630386	+	1	51	GTG	TAA	0	0	
mORF_+_1630373	1630373	1630474	+	2	102	TTG	TAG	0	0	
mORF_+_1630410	1630410	1630652	+	3	243	GTG	TAG	0	0	
mORF_+_1630490	1630490	1630576	+	2	87	ATG	TAA	0	0	
mORF_+_1630580	1630580	1630687	+	2	108	GTG	TAA	0	0	
mORF_+_1630700	1630700	1630741	+	2	42	ATG	TAA	0	0	
mORF_+_1630723	1630723	1630728	+	1	6	GTG	TAG	0	0	
mORF_+_1630748	1630748	1630777	+	2	30	TTG	TAA	0	0	
mORF_+_1630767	1630767	1630823	+	3	57	TTG	TGA	0	0	
mORF_+_1630790	1630790	1630891	+	2	102	TTG	TAA	0	0	
mORF_+_1630831	1630831	1630851	+	1	21	ATG	TAA	0	0	
mORF_+_1630870	1630870	1630902	+	1	33	TTG	TAA	0	0	
mORF_+_1630914	1630914	1631027	+	3	114	ATG	TAA	0	0	
mORF_+_1630969	1630969	1630977	+	1	9	ATG	TAA	0	0	
mORF_+_1630990	1630990	1631076	+	1	87	TTG	TAA	0	0	
mORF_+_1631063	1631063	1631329	+	2	267	ATG	TAA	0	0	
mORF_+_1631119	1631119	1631142	+	1	24	GTG	TGA	0	0	
mORF_+_1631163	1631163	1631171	+	3	9	ATG	TAG	0	0	
mORF_+_1631217	1631217	1631240	+	3	24	TTG	TAA	0	0	
mORF_+_1631251	1631251	1631262	+	1	12	ATG	TAA	0	0	
mORF_+_1631316	1631316	1631417	+	3	102	ATG	TAA	0	0	
mORF_+_1631375	1631375	1631422	+	2	48	TTG	TAA	0	0	
mORF_+_1631445	1631445	1631585	+	3	141	TTG	TAA	0	0	
mORF_+_1631506	1631506	1631619	+	1	114	TTG	TGA	0	0	
mORF_+_1631558	1631558	1631602	+	2	45	GTG	TGA	0	0	
mORF_+_1631604	1631604	1631636	+	3	33	ATG	TAG	0	0	
mORF_+_1631646	1631646	1632236	+	3	591	ATG	TAA	3	6	pORF_+_1631646
mORF_+_1631659	1631659	1631754	+	1	96	TTG	TAA	0	0	
mORF_+_1631788	1631788	1631826	+	1	39	GTG	TGA	0	0	
mORF_+_1631828	1631828	1631836	+	2	9	ATG	TGA	0	0	
mORF_+_1631830	1631830	1631844	+	1	15	GTG	TGA	0	0	
mORF_+_1631845	1631845	1631850	+	1	6	TTG	TGA	0	0	
mORF_+_1631866	1631866	1631910	+	1	45	TTG	TGA	0	0	
mORF_+_1631870	1631870	1631875	+	2	6	TTG	TAA	0	0	
mORF_+_1631933	1631933	1631956	+	2	24	TTG	TGA	0	0	
mORF_+_1631953	1631953	1631961	+	1	9	TTG	TGA	0	0	
mORF_+_1632013	1632013	1632054	+	1	42	TTG	TAG	0	0	
mORF_+_1632082	1632082	1632102	+	1	21	TTG	TAA	0	0	
mORF_+_1632103	1632103	1632150	+	1	48	ATG	TAA	0	0	
mORF_+_1632157	1632157	1632201	+	1	45	GTG	TAA	0	0	
mORF_+_1632249	1632249	1632254	+	3	6	GTG	TGA	0	0	
mORF_+_1632251	1632251	1632292	+	2	42	GTG	TAA	0	0	
mORF_+_1632256	1632256	1632372	+	1	117	ATG	TGA	0	0	
mORF_+_1632293	1632293	1632310	+	2	18	ATG	TAA	0	0	
mORF_+_1632324	1632324	1632620	+	3	297	ATG	TAA	0	0	
mORF_+_1632481	1632481	1632612	+	1	132	ATG	TAA	0	0	
mORF_+_1632506	1632506	1632592	+	2	87	TTG	TGA	0	0	
mORF_+_1632697	1632697	1632723	+	1	27	ATG	TGA	0	0	
mORF_+_1632720	1632720	1632737	+	3	18	ATG	TGA	0	0	
mORF_+_1632734	1632734	1632808	+	2	75	TTG	TGA	0	0	
mORF_+_1632771	1632771	1632839	+	3	69	GTG	TAA	0	0	
mORF_+_1632805	1632805	1632930	+	1	126	ATG	TAG	0	0	

mORF_+_1632875	1632875	1632934	+	2	60	ATG	TAA	0	0
mORF_+_1632882	1632882	1632902	+	3	21	GTG	TGA	0	0
mORF_+_1632903	1632903	1633001	+	3	99	ATG	TGA	0	0
mORF_+_1632935	1632935	1632949	+	2	15	ATG	TGA	0	0
mORF_+_1632940	1632940	1633026	+	1	87	ATG	TGA	0	0
mORF_+_1632998	1632998	1633159	+	2	162	GTG	TAA	0	0
mORF_+_1633017	1633017	1633106	+	3	90	GTG	TGA	0	0
mORF_+_1633072	1633072	1633095	+	1	24	GTG	TGA	0	0
mORF_+_1633150	1633150	1633191	+	1	42	GTG	TAA	0	0
mORF_+_1633175	1633175	1633198	+	2	24	TTG	TAG	0	0
mORF_+_1633204	1633204	1633326	+	1	123	ATG	TAA	0	0
mORF_+_1633226	1633226	1633279	+	2	54	ATG	TAA	0	0
mORF_+_1633242	1633242	1633418	+	3	177	GTG	TAA	0	0
mORF_+_1633337	1633337	1633396	+	2	60	ATG	TAA	0	0
mORF_+_1633339	1633339	1633413	+	1	75	GTG	TGA	0	0
mORF_+_1633441	1633441	1633491	+	1	51	TTG	TAA	0	0
mORF_+_1633511	1633511	1633687	+	2	177	ATG	TAA	0	0
mORF_+_1633519	1633519	1633551	+	1	33	TTG	TAA	0	0
mORF_+_1633617	1633617	1633679	+	3	63	ATG	TGA	0	0
mORF_+_1633627	1633627	1633632	+	1	6	GTG	TAA	0	0
mORF_+_1633688	1633688	1633729	+	2	42	ATG	TGA	0	0
mORF_+_1633698	1633698	1633733	+	3	36	ATG	TAA	0	0
mORF_+_1633726	1633726	1633770	+	1	45	ATG	TGA	0	0
mORF_+_1633767	1633767	1633820	+	3	54	GTG	TAA	0	0
mORF_+_1633771	1633771	1634490	+	1	720	ATG	TAA	0	0
mORF_+_1633790	1633790	1634272	+	2	483	TTG	TAA	0	0
mORF_+_1634055	1634055	1634126	+	3	72	ATG	TAA	0	0
mORF_+_1634288	1634288	1634335	+	2	48	TTG	TGA	0	0
mORF_+_1634336	1634336	1634494	+	2	159	ATG	TAA	0	0
mORF_+_1634391	1634391	1634534	+	3	144	TTG	TAA	0	0
mORF_+_1634616	1634616	1634678	+	3	63	GTG	TAA	0	0
mORF_+_1634647	1634647	1634688	+	1	42	GTG	TGA	0	0
mORF_+_1634651	1634651	1634764	+	2	114	GTG	TGA	0	0
mORF_+_1634685	1634685	1634705	+	3	21	ATG	TAA	0	0
mORF_+_1634706	1634706	1634729	+	3	24	TTG	TAA	0	0
mORF_+_1634780	1634780	1635013	+	2	234	ATG	TGA	0	0
mORF_+_1634844	1634844	1635023	+	3	180	TTG	TAG	0	0
mORF_+_1634926	1634926	1634952	+	1	27	GTG	TGA	0	0
mORF_+_1635010	1635010	1635027	+	1	18	TTG	TAA	0	0
mORF_+_1635030	1635030	1635083	+	3	54	GTG	TAG	0	0
mORF_+_1635056	1635056	1635481	+	2	426	ATG	TAA	0	0
mORF_+_1635102	1635102	1635125	+	3	24	TTG	TAA	0	0
mORF_+_1635133	1635133	1635147	+	1	15	ATG	TGA	0	0
mORF_+_1635162	1635162	1635188	+	3	27	ATG	TAG	0	0
mORF_+_1635198	1635198	1635215	+	3	18	ATG	TAA	0	0
mORF_+_1635219	1635219	1635239	+	3	21	ATG	TAA	0	0
mORF_+_1635255	1635255	1635293	+	3	39	TTG	TAG	0	0
mORF_+_1635354	1635354	1635488	+	3	135	TTG	TAA	0	0
mORF_+_1635376	1635376	1635423	+	1	48	GTG	TGA	0	0
mORF_+_1635523	1635523	1635531	+	1	9	TTG	TAA	0	0
mORF_+_1635548	1635548	1635553	+	2	6	TTG	TGA	0	0
mORF_+_1635550	1635550	1635558	+	1	9	GTG	TAG	0	0
mORF_+_1635607	1635607	1635627	+	1	21	ATG	TGA	0	0
mORF_+_1635624	1635624	1635641	+	3	18	TTG	TAA	0	0
mORF_+_1635649	1635649	1635660	+	1	12	TTG	TAG	0	0
mORF_+_1635686	1635686	1635694	+	2	9	GTG	TAA	0	0
mORF_+_1635749	1635749	1635850	+	2	102	TTG	TAA	0	0
mORF_+_1635828	1635828	1635920	+	3	93	ATG	TAA	0	0
mORF_+_1635860	1635860	1635883	+	2	24	ATG	TAA	0	0
mORF_+_1635871	1635871	1635876	+	1	6	GTG	TAA	0	0
mORF_+_1635962	1635962	1635970	+	2	9	ATG	TAG	0	0
mORF_+_1635995	1635995	1636024	+	2	30	TTG	TAA	0	0
mORF_+_1636026	1636026	1636220	+	3	195	ATG	TAG	0	0

mORF_+_1636048	1636048	1636059	+	1	12	ATG	TGA	0	0
mORF_+_1636073	1636073	1636099	+	2	27	ATG	TAA	0	0
mORF_+_1636103	1636103	1636135	+	2	33	GTG	TGA	0	0
mORF_+_1636132	1636132	1636197	+	1	66	ATG	TGA	0	0
mORF_+_1636222	1636222	1636227	+	1	6	ATG	TGA	0	0
mORF_+_1636224	1636224	1636433	+	3	210	GTG	TGA	0	0
mORF_+_1636322	1636322	1636327	+	2	6	TTG	TGA	0	0
mORF_+_1636324	1636324	1636344	+	1	21	GTG	TAA	0	0
mORF_+_1636351	1636351	1636449	+	1	99	TTG	TAA	0	0
mORF_+_1636430	1636430	1636516	+	2	87	ATG	TAG	0	0
mORF_+_1636462	1636462	1636467	+	1	6	TTG	TAA	0	0
mORF_+_1636470	1636470	1636559	+	3	90	TTG	TAA	0	0
mORF_+_1636559	1636559	1636567	+	2	9	ATG	TGA	0	0
mORF_+_1636564	1636564	1636581	+	1	18	TTG	TGA	0	0
mORF_+_1636583	1636583	1636630	+	2	48	TTG	TGA	0	0
mORF_+_1636593	1636593	1636670	+	3	78	ATG	TAA	0	0
mORF_+_1636609	1636609	1636707	+	1	99	TTG	TGA	0	0
mORF_+_1636704	1636704	1636790	+	3	87	TTG	TAA	0	0
mORF_+_1636720	1636720	1636854	+	1	135	TTG	TGA	0	0
mORF_+_1636823	1636823	1636828	+	2	6	TTG	TAA	0	0
mORF_+_1636851	1636851	1636868	+	3	18	ATG	TAG	0	0
mORF_+_1636881	1636881	1636886	+	3	6	TTG	TAA	0	0
mORF_+_1636901	1636901	1636912	+	2	12	ATG	TAG	0	0
mORF_+_1636932	1636932	1636943	+	3	12	GTG	TGA	0	0
mORF_+_1636982	1636982	1637011	+	2	30	TTG	TAA	0	0
mORF_+_1636989	1636989	1637063	+	3	75	ATG	TGA	0	0
mORF_+_1637027	1637027	1637032	+	2	6	ATG	TAA	0	0
mORF_+_1637033	1637033	1637080	+	2	48	ATG	TAA	0	0
mORF_+_1637096	1637096	1637437	+	2	342	TTG	TGA	0	0
mORF_+_1637115	1637115	1637120	+	3	6	ATG	TAG	0	0
mORF_+_1637175	1637175	1637318	+	3	144	ATG	TAA	0	0
mORF_+_1637206	1637206	1637220	+	1	15	TTG	TGA	0	0
mORF_+_1637278	1637278	1637301	+	1	24	TTG	TAA	0	0
mORF_+_1637434	1637434	1637508	+	1	75	GTG	TAA	0	0
mORF_+_1637471	1637471	1637515	+	2	45	TTG	TGA	0	0
mORF_+_1637535	1637535	1637546	+	3	12	ATG	TGA	0	0
mORF_+_1637574	1637574	1637600	+	3	27	ATG	TAA	0	0
mORF_+_1637619	1637619	1637654	+	3	36	TTG	TAA	0	0
mORF_+_1637627	1637627	1637713	+	2	87	ATG	TAA	0	0
mORF_+_1637676	1637676	1637804	+	3	129	ATG	TAA	0	0
mORF_+_1637744	1637744	1637752	+	2	9	ATG	TAG	0	0
mORF_+_1637779	1637779	1638093	+	1	315	TTG	TGA	0	0
mORF_+_1637807	1637807	1638010	+	2	204	TTG	TGA	0	0
mORF_+_1637820	1637820	1637852	+	3	33	ATG	TGA	0	0
mORF_+_1637958	1637958	1638068	+	3	111	ATG	TGA	0	0
mORF_+_1638072	1638072	1638083	+	3	12	TTG	TAG	0	0
mORF_+_1638074	1638074	1638133	+	2	60	GTG	TAA	0	0
mORF_+_1638090	1638090	1638173	+	3	84	ATG	TGA	0	0
mORF_+_1638112	1638112	1638144	+	1	33	TTG	TGA	0	0
mORF_+_1638201	1638201	1638317	+	3	117	TTG	TAA	0	0
mORF_+_1638265	1638265	1638378	+	1	114	ATG	TAG	0	0
mORF_+_1638381	1638381	1638431	+	3	51	TTG	TAA	0	0
mORF_+_1638389	1638389	1638442	+	2	54	TTG	TAA	0	0
mORF_+_1638447	1638447	1638761	+	3	315	TTG	TAA	0	0
mORF_+_1638566	1638566	1638574	+	2	9	GTG	TAG	0	0
mORF_+_1638622	1638622	1638672	+	1	51	ATG	TAG	0	0
mORF_+_1638632	1638632	1638649	+	2	18	ATG	TGA	0	0
mORF_+_1638688	1638688	1638723	+	1	36	TTG	TAA	0	0
mORF_+_1638728	1638728	1638766	+	2	39	GTG	TAA	0	0
mORF_+_1638778	1638778	1638999	+	1	222	ATG	TGA	0	0
mORF_+_1638876	1638876	1638986	+	3	111	ATG	TAA	0	0
mORF_+_1638935	1638935	1638946	+	2	12	GTG	TGA	0	0
mORF_+_1639000	1639000	1639083	+	1	84	TTG	TGA	0	0

mORF_+_1639080	1639080	1639373	+	3	294	TTG	TAA	0	0	
mORF_+_1639088	1639088	1639147	+	2	60	GTG	TAG	0	0	
mORF_+_1639129	1639129	1639215	+	1	87	TTG	TGA	0	0	
mORF_+_1639243	1639243	1639278	+	1	36	TTG	TAA	0	0	
mORF_+_1639250	1639250	1639366	+	2	117	ATG	TAA	0	0	
mORF_+_1639373	1639373	1639435	+	2	63	ATG	TGA	0	0	
mORF_+_1639383	1639383	1639403	+	3	21	TTG	TAG	0	0	
mORF_+_1639432	1639432	1639446	+	1	15	TTG	TAA	0	0	
mORF_+_1639480	1639480	1639557	+	1	78	ATG	TAA	0	0	
mORF_+_1639572	1639572	1639592	+	3	21	TTG	TAA	0	0	
mORF_+_1639594	1639594	1639611	+	1	18	TTG	TAA	0	0	
mORF_+_1639612	1639612	1639674	+	1	63	ATG	TGA	0	0	
mORF_+_1639617	1639617	1639670	+	3	54	TTG	TAA	0	0	
mORF_+_1639646	1639646	1639678	+	2	33	TTG	TAA	0	0	
mORF_+_1639671	1639671	1639685	+	3	15	GTG	TGA	0	0	
mORF_+_1639687	1639687	1639761	+	1	75	ATG	TGA	0	0	
mORF_+_1639758	1639758	1639769	+	3	12	TTG	TGA	0	0	
mORF_+_1639766	1639766	1639786	+	2	21	ATG	TAG	0	0	
mORF_+_1639774	1639774	1639869	+	1	96	ATG	TAA	0	0	
mORF_+_1639838	1639838	1639894	+	2	57	GTG	TGA	0	0	
mORF_+_1639879	1639879	1640091	+	1	213	TTG	TGA	1	2	pORF_+_1639879
mORF_+_1639901	1639901	1640047	+	2	147	TTG	TAA	0	0	
mORF_+_1640037	1640037	1640153	+	3	117	TTG	TAA	0	0	
mORF_+_1640048	1640048	1640101	+	2	54	ATG	TAA	0	0	
mORF_+_1640146	1640146	1640235	+	1	90	ATG	TAA	0	0	
mORF_+_1640165	1640165	1640179	+	2	15	TTG	TGA	0	0	
mORF_+_1640180	1640180	1640215	+	2	36	TTG	TAA	0	0	
mORF_+_1640196	1640196	1640321	+	3	126	ATG	TAA	0	0	
mORF_+_1640248	1640248	1640286	+	1	39	TTG	TAA	0	0	
mORF_+_1640335	1640335	1640421	+	1	87	ATG	TAA	0	0	
mORF_+_1640366	1640366	1640674	+	2	309	TTG	TAA	0	0	
mORF_+_1640445	1640445	1640615	+	3	171	TTG	TGA	0	0	
mORF_+_1640476	1640476	1640589	+	1	114	ATG	TGA	0	0	
mORF_+_1640656	1640656	1640682	+	1	27	GTG	TAA	0	0	
mORF_+_1640664	1640664	1640732	+	3	69	GTG	TGA	0	0	
mORF_+_1640729	1640729	1640827	+	2	99	ATG	TAG	0	0	
mORF_+_1640790	1640790	1640822	+	3	33	GTG	TGA	0	0	
mORF_+_1640847	1640847	1640873	+	3	27	TTG	TAG	0	0	
mORF_+_1640873	1640873	1640917	+	2	45	GTG	TGA	0	0	
mORF_+_1640921	1640921	1641001	+	2	81	ATG	TAA	0	0	
mORF_+_1640941	1640941	1640994	+	1	54	TTG	TAA	0	0	
mORF_+_1641021	1641021	1641056	+	3	36	TTG	TAA	0	0	
mORF_+_1641028	1641028	1641174	+	1	147	ATG	TAA	0	0	
mORF_+_1641175	1641175	1641390	+	1	216	TTG	TGA	0	0	
mORF_+_1641189	1641189	1641239	+	3	51	GTG	TAA	0	0	
mORF_+_1641264	1641264	1641629	+	3	366	ATG	TGA	0	0	
mORF_+_1641296	1641296	1641316	+	2	21	TTG	TAA	0	0	
mORF_+_1641359	1641359	1641517	+	2	159	ATG	TAA	0	0	
mORF_+_1641524	1641524	1641541	+	2	18	GTG	TAA	0	0	
mORF_+_1641526	1641526	1641651	+	1	126	GTG	TAA	0	0	
mORF_+_1641623	1641623	1641886	+	2	264	GTG	TGA	0	0	
mORF_+_1641633	1641633	1641761	+	3	129	TTG	TAA	0	0	
mORF_+_1641673	1641673	1641810	+	1	138	GTG	TGA	0	0	
mORF_+_1641811	1641811	1641879	+	1	69	TTG	TGA	0	0	
mORF_+_1641876	1641876	1641935	+	3	60	GTG	TGA	0	0	
mORF_+_1641883	1641883	1641918	+	1	36	ATG	TGA	0	0	
mORF_+_1641899	1641899	1642012	+	2	114	ATG	TGA	0	0	
mORF_+_1641957	1641957	1642070	+	3	114	TTG	TAA	0	0	
mORF_+_1641961	1641961	1642002	+	1	42	TTG	TAA	0	0	
mORF_+_1642009	1642009	1642026	+	1	18	ATG	TGA	0	0	
mORF_+_1642055	1642055	1642060	+	2	6	ATG	TAA	0	0	
mORF_+_1642085	1642085	1642129	+	2	45	ATG	TAA	0	0	
mORF_+_1642142	1642142	1642276	+	2	135	ATG	TAA	0	0	

mORF_+_1642147	1642147	1642245	+	1	99	TTG	TGA	0	0	
mORF_+_1642242	1642242	1642319	+	3	78	ATG	TAA	0	0	
mORF_+_1642255	1642255	1642668	+	1	414	ATG	TAG	0	0	
mORF_+_1642355	1642355	1642387	+	2	33	GTG	TAA	0	0	
mORF_+_1642368	1642368	1642397	+	3	30	GTG	TGA	0	0	
mORF_+_1642496	1642496	1642537	+	2	42	GTG	TGA	0	0	
mORF_+_1642500	1642500	1642529	+	3	30	ATG	TGA	0	0	
mORF_+_1642530	1642530	1642742	+	3	213	ATG	TGA	1	2	pORF_+_1642530
mORF_+_1642553	1642553	1642588	+	2	36	GTG	TAA	0	0	
mORF_+_1642598	1642598	1642672	+	2	75	TTG	TGA	0	0	
mORF_+_1642669	1642669	1642686	+	1	18	ATG	TGA	0	0	
mORF_+_1642739	1642739	1642840	+	2	102	GTG	TAA	0	0	
mORF_+_1642840	1642840	1642944	+	1	105	ATG	TAA	0	0	
mORF_+_1642916	1642916	1642948	+	2	33	ATG	TAG	0	0	
mORF_+_1643002	1643002	1643043	+	1	42	TTG	TGA	0	0	
mORF_+_1643040	1643040	1643168	+	3	129	TTG	TGA	0	0	
mORF_+_1643077	1643077	1643091	+	1	15	GTG	TGA	0	0	
mORF_+_1643165	1643165	1643386	+	2	222	GTG	TGA	0	0	
mORF_+_1643232	1643232	1643246	+	3	15	GTG	TGA	0	0	
mORF_+_1643287	1643287	1643481	+	1	195	TTG	TAG	0	0	
mORF_+_1643355	1643355	1643486	+	3	132	ATG	TGA	0	0	
mORF_+_1643503	1643503	1643508	+	1	6	TTG	TAA	0	0	
mORF_+_1643530	1643530	1643691	+	1	162	TTG	TAG	0	0	
mORF_+_1643534	1643534	1643914	+	2	381	TTG	TAA	0	0	
mORF_+_1643749	1643749	1643760	+	1	12	GTG	TGA	0	0	
mORF_+_1643757	1643757	1643849	+	3	93	TTG	TAA	1	3	pORF_+_1643757
mORF_+_1643886	1643886	1643984	+	3	99	ATG	TAG	0	0	
mORF_+_1643921	1643921	1644226	+	2	306	ATG	TAA	0	0	
mORF_+_1644012	1644012	1644119	+	3	108	TTG	TGA	0	0	
mORF_+_1644049	1644049	1644072	+	1	24	TTG	TAA	0	0	
mORF_+_1644163	1644163	1644171	+	1	9	TTG	TAG	0	0	
mORF_+_1644207	1644207	1644215	+	3	9	GTG	TGA	0	0	
mORF_+_1644245	1644245	1644538	+	2	294	ATG	TGA	0	0	
mORF_+_1644258	1644258	1644314	+	3	57	ATG	TGA	0	0	
mORF_+_1644274	1644274	1644345	+	1	72	TTG	TGA	0	0	
mORF_+_1644360	1644360	1644416	+	3	57	ATG	TAA	0	0	
mORF_+_1644429	1644429	1644761	+	3	333	ATG	TAA	0	0	
mORF_+_1644544	1644544	1644573	+	1	30	TTG	TGA	0	0	
mORF_+_1644619	1644619	1644654	+	1	36	TTG	TAA	0	0	
mORF_+_1644676	1644676	1644765	+	1	90	ATG	TGA	0	0	
mORF_+_1644762	1644762	1644854	+	3	93	GTG	TAA	0	0	
mORF_+_1644776	1644776	1644847	+	2	72	GTG	TGA	0	0	
mORF_+_1644873	1644873	1644917	+	3	45	ATG	TAA	0	0	
mORF_+_1644928	1644928	1644960	+	1	33	ATG	TAG	0	0	
mORF_+_1644938	1644938	1645024	+	2	87	ATG	TAG	0	0	
mORF_+_1644967	1644967	1645014	+	1	48	TTG	TAG	0	0	
mORF_+_1644969	1644969	1645043	+	3	75	GTG	TAA	0	0	
mORF_+_1645126	1645126	1645149	+	1	24	ATG	TAA	0	0	
mORF_+_1645161	1645161	1645232	+	3	72	ATG	TAG	0	0	
mORF_+_1645165	1645165	1645236	+	1	72	ATG	TAA	0	0	
mORF_+_1645252	1645252	1645320	+	1	69	TTG	TGA	0	0	
mORF_+_1645317	1645317	1645493	+	3	177	TTG	TGA	0	0	
mORF_+_1645354	1645354	1645383	+	1	30	ATG	TAG	0	0	
mORF_+_1645393	1645393	1645413	+	1	21	TTG	TGA	0	0	
mORF_+_1645513	1645513	1645518	+	1	6	ATG	TGA	0	0	
mORF_+_1645515	1645515	1645526	+	3	12	GTG	TGA	0	0	
mORF_+_1645533	1645533	1645748	+	3	216	ATG	TAG	0	0	
mORF_+_1645561	1645561	1645572	+	1	12	ATG	TGA	0	0	
mORF_+_1645594	1645594	1645653	+	1	60	GTG	TGA	0	0	
mORF_+_1645660	1645660	1645704	+	1	45	TTG	TAA	0	0	
mORF_+_1645708	1645708	1645722	+	1	15	TTG	TGA	0	0	
mORF_+_1645736	1645736	1645870	+	2	135	ATG	TAA	0	0	
mORF_+_1645821	1645821	1645841	+	3	21	TTG	TGA	0	0	

mORF_+_1645889	1645889	1645945	+	2	57	TTG	TAG	0	0	
mORF_+_1645914	1645914	1645931	+	3	18	ATG	TAG	0	0	
mORF_+_1645958	1645958	1646365	+	2	408	ATG	TAA	8	26	pORF_+_1645958
mORF_+_1646034	1646034	1646048	+	3	15	TTG	TGA	0	0	
mORF_+_1646058	1646058	1646228	+	3	171	ATG	TAG	0	0	
mORF_+_1646074	1646074	1646088	+	1	15	ATG	TGA	0	0	
mORF_+_1646137	1646137	1646169	+	1	33	ATG	TGA	0	0	
mORF_+_1646235	1646235	1646303	+	3	69	TTG	TAA	0	0	
mORF_+_1646322	1646322	1646336	+	3	15	TTG	TAA	0	0	
mORF_+_1646374	1646374	1646406	+	1	33	ATG	TAG	0	0	
mORF_+_1646400	1646400	1646429	+	3	30	ATG	TGA	0	0	
mORF_+_1646426	1646426	1646524	+	2	99	TTG	TGA	0	0	
mORF_+_1646454	1646454	1646687	+	3	234	TTG	TGA	0	0	
mORF_+_1646458	1646458	1646514	+	1	57	TTG	TAA	0	0	
mORF_+_1646521	1646521	1646613	+	1	93	ATG	TGA	0	0	
mORF_+_1646647	1646647	1646817	+	1	171	ATG	TGA	0	0	
mORF_+_1646684	1646684	1646893	+	2	210	GTG	TGA	0	0	
mORF_+_1646847	1646847	1647065	+	3	219	ATG	TAG	0	0	
mORF_+_1646890	1646890	1646943	+	1	54	ATG	TGA	0	0	
mORF_+_1646906	1646906	1646926	+	2	21	GTG	TAA	0	0	
mORF_+_1646945	1646945	1646953	+	2	9	ATG	TAA	0	0	
mORF_+_1646953	1646953	1647033	+	1	81	ATG	TAA	0	0	
mORF_+_1647037	1647037	1647048	+	1	12	TTG	TGA	0	0	
mORF_+_1647113	1647113	1647235	+	2	123	GTG	TAG	0	0	
mORF_+_1647118	1647118	1647159	+	1	42	GTG	TGA	0	0	
mORF_+_1647123	1647123	1647170	+	3	48	GTG	TGA	0	0	
mORF_+_1647213	1647213	1647224	+	3	12	ATG	TAG	0	0	
mORF_+_1647264	1647264	1647374	+	3	111	GTG	TGA	0	0	
mORF_+_1647278	1647278	1647307	+	2	30	GTG	TAA	0	0	
mORF_+_1647310	1647310	1647336	+	1	27	ATG	TGA	0	0	
mORF_+_1647347	1647347	1647358	+	2	12	TTG	TGA	0	0	
mORF_+_1647355	1647355	1647444	+	1	90	TTG	TGA	0	0	
mORF_+_1647371	1647371	1647415	+	2	45	GTG	TGA	0	0	
mORF_+_1647419	1647419	1647487	+	2	69	TTG	TGA	0	0	
mORF_+_1647441	1647441	1647470	+	3	30	GTG	TGA	0	0	
mORF_+_1647474	1647474	1647479	+	3	6	TTG	TGA	0	0	
mORF_+_1647481	1647481	1647516	+	1	36	GTG	TAA	0	0	
mORF_+_1647488	1647488	1647568	+	2	81	ATG	TAA	0	0	
mORF_+_1647528	1647528	1647821	+	3	294	GTG	TGA	0	0	
mORF_+_1647562	1647562	1647576	+	1	15	TTG	TAA	0	0	
mORF_+_1647616	1647616	1647633	+	1	18	TTG	TAA	0	0	
mORF_+_1647671	1647671	1647679	+	2	9	TTG	TGA	0	0	
mORF_+_1647676	1647676	1647756	+	1	81	TTG	TAA	0	0	
mORF_+_1647764	1647764	1648009	+	2	246	ATG	TAA	0	0	
mORF_+_1647769	1647769	1647798	+	1	30	TTG	TGA	0	0	
mORF_+_1647811	1647811	1647876	+	1	66	GTG	TGA	0	0	
mORF_+_1647831	1647831	1647845	+	3	15	TTG	TGA	0	0	
mORF_+_1647855	1647855	1647917	+	3	63	TTG	TGA	0	0	
mORF_+_1647910	1647910	1647948	+	1	39	GTG	TAA	0	0	
mORF_+_1648046	1648046	1648090	+	2	45	ATG	TGA	0	0	
mORF_+_1648066	1648066	1649022	+	1	957	TTG	TGA	0	0	
mORF_+_1648119	1648119	1648136	+	3	18	TTG	TGA	0	0	
mORF_+_1648184	1648184	1648408	+	2	225	TTG	TGA	0	0	
mORF_+_1648323	1648323	1648334	+	3	12	ATG	TGA	0	0	
mORF_+_1648418	1648418	1648564	+	2	147	TTG	TGA	0	0	
mORF_+_1648470	1648470	1648475	+	3	6	ATG	TGA	0	0	
mORF_+_1648616	1648616	1648900	+	2	285	TTG	TGA	0	0	
mORF_+_1648620	1648620	1648628	+	3	9	GTG	TAA	0	0	
mORF_+_1648635	1648635	1648652	+	3	18	ATG	TAA	0	0	
mORF_+_1648653	1648653	1648706	+	3	54	ATG	TGA	0	0	
mORF_+_1648839	1648839	1648856	+	3	18	ATG	TGA	0	0	
mORF_+_1648905	1648905	1649561	+	3	657	ATG	TAG	0	0	
mORF_+_1649039	1649039	1649050	+	2	12	ATG	TGA	0	0	

mORF_+_1649068	1649068	1649244	+	1	177	GTG	TGA	0	0	
mORF_+_1649237	1649237	1649251	+	2	15	GTG	TAA	0	0	
mORF_+_1649251	1649251	1649352	+	1	102	ATG	TAG	0	0	
mORF_+_1649258	1649258	1649272	+	2	15	ATG	TAA	0	0	
mORF_+_1649380	1649380	1649418	+	1	39	GTG	TAA	0	0	
mORF_+_1649434	1649434	1649535	+	1	102	TTG	TAA	0	0	
mORF_+_1649462	1649462	1649476	+	2	15	ATG	TAG	0	0	
mORF_+_1649522	1649522	1649527	+	2	6	TTG	TAA	0	0	
mORF_+_1649536	1649536	1650732	+	1	1197	GTG	TAA	0	0	
mORF_+_1649546	1649546	1649608	+	2	63	ATG	TAA	0	0	
mORF_+_1649595	1649595	1649672	+	3	78	TTG	TGA	0	0	
mORF_+_1649615	1649615	1649689	+	2	75	GTG	TAA	0	0	
mORF_+_1649765	1649765	1649788	+	2	24	GTG	TGA	0	0	
mORF_+_1649798	1649798	1649863	+	2	66	GTG	TGA	0	0	
mORF_+_1649894	1649894	1649923	+	2	30	TTG	TAA	0	0	
mORF_+_1649966	1649966	1650022	+	2	57	TTG	TAA	0	0	
mORF_+_1650080	1650080	1650178	+	2	99	ATG	TAG	0	0	
mORF_+_1650084	1650084	1650149	+	3	66	GTG	TGA	0	0	
mORF_+_1650153	1650153	1650281	+	3	129	GTG	TAA	0	0	
mORF_+_1650188	1650188	1650199	+	2	12	ATG	TGA	0	0	
mORF_+_1650344	1650344	1650427	+	2	84	TTG	TAA	0	0	
mORF_+_1650387	1650387	1650410	+	3	24	ATG	TGA	0	0	
mORF_+_1650434	1650434	1650463	+	2	30	ATG	TAA	0	0	
mORF_+_1650471	1650471	1650566	+	3	96	GTG	TAA	0	0	
mORF_+_1650491	1650491	1650553	+	2	63	GTG	TGA	0	0	
mORF_+_1650560	1650560	1650580	+	2	21	GTG	TAG	0	0	
mORF_+_1650596	1650596	1650664	+	2	69	ATG	TAG	0	0	
mORF_+_1650633	1650633	1650644	+	3	12	ATG	TGA	0	0	
mORF_+_1650692	1650692	1650724	+	2	33	TTG	TGA	0	0	
mORF_+_1650761	1650761	1650877	+	2	117	ATG	TAA	0	0	
mORF_+_1650768	1650768	1650962	+	3	195	TTG	TGA	0	0	
mORF_+_1650856	1650856	1650864	+	1	9	TTG	TAA	0	0	
mORF_+_1650890	1650890	1650940	+	2	51	ATG	TAA	0	0	
mORF_+_1650953	1650953	1650976	+	2	24	ATG	TAA	0	0	
mORF_+_1650981	1650981	1651136	+	3	156	ATG	TGA	0	0	
mORF_+_1650995	1650995	1651024	+	2	30	ATG	TAA	0	0	
mORF_+_1651081	1651081	1651107	+	1	27	TTG	TAG	0	0	
mORF_+_1651130	1651130	1651249	+	2	120	TTG	TAA	0	0	
mORF_+_1651180	1651180	1651221	+	1	42	GTG	TAG	0	0	
mORF_+_1651249	1651249	1651260	+	1	12	ATG	TGA	0	0	
mORF_+_1651257	1651257	1651391	+	3	135	TTG	TAG	0	0	
mORF_+_1651291	1651291	1651308	+	1	18	GTG	TAA	0	0	
mORF_+_1651426	1651426	1651491	+	1	66	TTG	TAG	0	0	
mORF_+_1651469	1651469	1651615	+	2	147	TTG	TAA	0	0	
mORF_+_1651497	1651497	1651529	+	3	33	ATG	TGA	0	0	
mORF_+_1651564	1651564	1651590	+	1	27	TTG	TGA	0	0	
mORF_+_1651624	1651624	1651653	+	1	30	GTG	TAG	0	0	
mORF_+_1651667	1651667	1651825	+	2	159	ATG	TGA	0	0	
mORF_+_1651746	1651746	1651766	+	3	21	ATG	TGA	0	0	
mORF_+_1651770	1651770	1651811	+	3	42	ATG	TAA	0	0	
mORF_+_1651878	1651878	1651910	+	3	33	GTG	TGA	0	0	
mORF_+_1651907	1651907	1651927	+	2	21	TTG	TAA	0	0	
mORF_+_1651929	1651929	1652285	+	3	357	ATG	TAA	0	0	
mORF_+_1651967	1651967	1651999	+	2	33	GTG	TAA	0	0	
mORF_+_1652060	1652060	1652080	+	2	21	TTG	TAG	0	0	
mORF_+_1652071	1652071	1652208	+	1	138	ATG	TGA	0	0	
mORF_+_1652099	1652099	1652134	+	2	36	TTG	TAA	0	0	
mORF_+_1652138	1652138	1652245	+	2	108	ATG	TGA	0	0	
mORF_+_1652224	1652224	1652229	+	1	6	GTG	TGA	0	0	
mORF_+_1652296	1652296	1652517	+	1	222	ATG	TAA	0	0	
mORF_+_1652306	1652306	1652320	+	2	15	GTG	TAA	0	0	
mORF_+_1652324	1652324	1652473	+	2	150	ATG	TAA	1	21	pORF_+_1652324
mORF_+_1652391	1652391	1652396	+	3	6	GTG	TGA	0	0	

mORF+_1652480	1652480	1652662	+	2	183	ATG	TAA	0	0	
mORF+_1652521	1652521	1652844	+	1	324	ATG	TAA	0	0	
mORF+_1652649	1652649	1652738	+	3	90	TTG	TGA	0	0	
mORF+_1652684	1652684	1652692	+	2	9	ATG	TAG	0	0	
mORF+_1652693	1652693	1652752	+	2	60	GTG	TGA	0	0	
mORF+_1652795	1652795	1652809	+	2	15	GTG	TAA	0	0	
mORF+_1652858	1652858	1652944	+	2	87	ATG	TAA	0	0	
mORF+_1652983	1652983	1653108	+	1	126	GTG	TAA	0	0	
mORF+_1653056	1653056	1653193	+	2	138	TTG	TGA	0	0	
mORF+_1653108	1653108	1653113	+	3	6	ATG	TGA	0	0	
mORF+_1653190	1653190	1653258	+	1	69	GTG	TGA	0	0	
mORF+_1653197	1653197	1653289	+	2	93	ATG	TGA	0	0	
mORF+_1653255	1653255	1653443	+	3	189	GTG	TAA	0	0	
mORF+_1653286	1653286	1653297	+	1	12	GTG	TGA	0	0	
mORF+_1653290	1653290	1653307	+	2	18	ATG	TGA	0	0	
mORF+_1653304	1653304	1653312	+	1	9	ATG	TAG	0	0	
mORF+_1653349	1653349	1653399	+	1	51	TTG	TGA	0	0	
mORF+_1653365	1653365	1653553	+	2	189	ATG	TAA	0	0	
mORF+_1653489	1653489	1653500	+	3	12	GTG	TAA	0	0	
mORF+_1653574	1653574	1653651	+	1	78	GTG	TAA	0	0	
mORF+_1653685	1653685	1653693	+	1	9	TTG	TAA	0	0	
mORF+_1653700	1653700	1653741	+	1	42	TTG	TAA	0	0	
mORF+_1653710	1653710	1653835	+	2	126	TTG	TGA	0	0	
mORF+_1653774	1653774	1653797	+	3	24	TTG	TAG	0	0	
mORF+_1653825	1653825	1653923	+	3	99	ATG	TAA	0	0	
mORF+_1653832	1653832	1654173	+	1	342	ATG	TAA	10	43	pORF+_1653832
mORF+_1653911	1653911	1653934	+	2	24	ATG	TGA	0	0	
mORF+_1653935	1653935	1654024	+	2	90	TTG	TGA	0	0	
mORF+_1653990	1653990	1653998	+	3	9	ATG	TGA	0	0	
mORF+_1654044	1654044	1654052	+	3	9	GTG	TAA	0	0	
mORF+_1654067	1654067	1654189	+	2	123	TTG	TAA	0	0	
mORF+_1654083	1654083	1654088	+	3	6	ATG	TGA	0	0	
mORF+_1654193	1654193	1654198	+	2	6	ATG	TAA	0	0	
mORF+_1654208	1654208	1654768	+	2	561	ATG	TAG	16	61	pORF+_1654208
mORF+_1654224	1654224	1654295	+	3	72	GTG	TGA	0	0	
mORF+_1654308	1654308	1654472	+	3	165	TTG	TAA	0	0	
mORF+_1654396	1654396	1654401	+	1	6	ATG	TGA	0	0	
mORF+_1654512	1654512	1654526	+	3	15	GTG	TAG	0	0	
mORF+_1654536	1654536	1654574	+	3	39	ATG	TGA	0	0	
mORF+_1654578	1654578	1654646	+	3	69	TTG	TGA	0	0	
mORF+_1654665	1654665	1654751	+	3	87	ATG	TGA	0	0	
mORF+_1654693	1654693	1654848	+	1	156	GTG	TAG	0	0	
mORF+_1654793	1654793	1654804	+	2	12	TTG	TAA	0	0	
mORF+_1654841	1654841	1654852	+	2	12	ATG	TGA	0	0	
mORF+_1654870	1654870	1654926	+	1	57	GTG	TAA	0	0	
mORF+_1654937	1654937	1654942	+	2	6	GTG	TAA	0	0	
mORF+_1654952	1654952	1655029	+	2	78	TTG	TAA	0	0	
mORF+_1654965	1654965	1654982	+	3	18	TTG	TGA	0	0	
mORF+_1654989	1654989	1655081	+	3	93	ATG	TAA	0	0	
mORF+_1655062	1655062	1655130	+	1	69	TTG	TAA	0	0	
mORF+_1655066	1655066	1655194	+	2	129	TTG	TAA	0	0	
mORF+_1655198	1655198	1655332	+	2	135	TTG	TGA	0	0	
mORF+_1655253	1655253	1655336	+	3	84	GTG	TGA	0	0	
mORF+_1655311	1655311	1655325	+	1	15	TTG	TAA	0	0	
mORF+_1655333	1655333	1655500	+	2	168	GTG	TAG	0	0	
mORF+_1655406	1655406	1655441	+	3	36	ATG	TGA	0	0	
mORF+_1655460	1655460	1655519	+	3	60	ATG	TAG	0	0	
mORF+_1655503	1655503	1655559	+	1	57	ATG	TAA	0	0	
mORF+_1655547	1655547	1655894	+	3	348	ATG	TAA	5	32	pORF+_1655547
mORF+_1655552	1655552	1655578	+	2	27	ATG	TAA	0	0	
mORF+_1655608	1655608	1655736	+	1	129	GTG	TAA	0	0	
mORF+_1655740	1655740	1655922	+	1	183	TTG	TGA	0	0	
mORF+_1655789	1655789	1655797	+	2	9	TTG	TAA	0	0	

mORF_+_1655919	1655919	1655939	+	3	21	ATG	TGA	0	0	
mORF_+_1655936	1655936	1655983	+	2	48	TTG	TGA	0	0	
mORF_+_1655980	1655980	1656003	+	1	24	TTG	TAA	0	0	
mORF_+_1655985	1655985	1655993	+	3	9	ATG	TAA	0	0	
mORF_+_1656010	1656010	1656042	+	1	33	ATG	TAA	0	0	
mORF_+_1656086	1656086	1656106	+	2	21	GTG	TGA	0	0	
mORF_+_1656093	1656093	1658519	+	3	2427	ATG	TAA	2	8	pORF_+_1656093
mORF_+_1656103	1656103	1656156	+	1	54	ATG	TAG	0	0	
mORF_+_1656208	1656208	1656318	+	1	111	ATG	TGA	0	0	
mORF_+_1656349	1656349	1656429	+	1	81	ATG	TGA	0	0	
mORF_+_1656490	1656490	1656522	+	1	33	ATG	TGA	0	0	
mORF_+_1656541	1656541	1656597	+	1	57	ATG	TGA	0	0	
mORF_+_1656667	1656667	1656771	+	1	105	ATG	TGA	0	0	
mORF_+_1656775	1656775	1656804	+	1	30	TTG	TGA	0	0	
mORF_+_1656808	1656808	1656864	+	1	57	GTG	TGA	0	0	
mORF_+_1656865	1656865	1656975	+	1	111	TTG	TGA	0	0	
mORF_+_1656914	1656914	1656979	+	2	66	ATG	TAA	0	0	
mORF_+_1656991	1656991	1657251	+	1	261	TTG	TGA	0	0	
mORF_+_1657124	1657124	1657180	+	2	57	GTG	TGA	0	0	
mORF_+_1657264	1657264	1657284	+	1	21	TTG	TGA	0	0	
mORF_+_1657291	1657291	1657350	+	1	60	ATG	TAG	0	0	
mORF_+_1657411	1657411	1657437	+	1	27	ATG	TGA	0	0	
mORF_+_1657477	1657477	1657587	+	1	111	ATG	TGA	0	0	
mORF_+_1657577	1657577	1657663	+	2	87	ATG	TGA	0	0	
mORF_+_1657588	1657588	1657611	+	1	24	TTG	TGA	0	0	
mORF_+_1657627	1657627	1657653	+	1	27	ATG	TGA	0	0	
mORF_+_1657660	1657660	1657773	+	1	114	TTG	TGA	0	0	
mORF_+_1657774	1657774	1657908	+	1	135	GTG	TGA	0	0	
mORF_+_1657841	1657841	1657927	+	2	87	ATG	TAA	0	0	
mORF_+_1657942	1657942	1658082	+	1	141	ATG	TGA	0	0	
mORF_+_1658101	1658101	1658217	+	1	117	ATG	TGA	0	0	
mORF_+_1658240	1658240	1658305	+	2	66	GTG	TAA	0	0	
mORF_+_1658257	1658257	1658340	+	1	84	ATG	TAA	0	0	
mORF_+_1658422	1658422	1658436	+	1	15	ATG	TGA	0	0	
mORF_+_1658544	1658544	1658573	+	3	30	ATG	TGA	0	0	
mORF_+_1658552	1658552	1658569	+	2	18	TTG	TAA	0	0	
mORF_+_1658570	1658570	1658617	+	2	48	GTG	TGA	0	0	
mORF_+_1658577	1658577	1661003	+	3	2427	ATG	TAA	4	13	pORF_+_1658577
mORF_+_1658653	1658653	1658730	+	1	78	TTG	TAG	0	0	
mORF_+_1658794	1658794	1658799	+	1	6	ATG	TGA	0	0	
mORF_+_1658803	1658803	1658907	+	1	105	ATG	TGA	0	0	
mORF_+_1658873	1658873	1658917	+	2	45	GTG	TGA	0	0	
mORF_+_1658956	1658956	1658979	+	1	24	GTG	TAA	0	0	
mORF_+_1658981	1658981	1659010	+	2	30	TTG	TGA	0	0	
mORF_+_1659007	1659007	1659030	+	1	24	GTG	TGA	0	0	
mORF_+_1659043	1659043	1659078	+	1	36	ATG	TAG	0	0	
mORF_+_1659079	1659079	1659120	+	1	42	ATG	TGA	0	0	
mORF_+_1659128	1659128	1659211	+	2	84	TTG	TGA	0	0	
mORF_+_1659133	1659133	1659189	+	1	57	GTG	TGA	0	0	
mORF_+_1659202	1659202	1659288	+	1	87	GTG	TGA	0	0	
mORF_+_1659295	1659295	1659348	+	1	54	GTG	TGA	0	0	
mORF_+_1659388	1659388	1659459	+	1	72	GTG	TGA	0	0	
mORF_+_1659398	1659398	1659466	+	2	69	ATG	TGA	0	0	
mORF_+_1659500	1659500	1659517	+	2	18	TTG	TGA	0	0	
mORF_+_1659502	1659502	1659594	+	1	93	GTG	TAG	0	0	
mORF_+_1659608	1659608	1659817	+	2	210	ATG	TAG	0	0	
mORF_+_1659748	1659748	1659786	+	1	39	TTG	TAA	0	0	
mORF_+_1659836	1659836	1659865	+	2	30	ATG	TAA	0	0	
mORF_+_1659887	1659887	1659934	+	2	48	ATG	TGA	0	0	
mORF_+_1659895	1659895	1659921	+	1	27	ATG	TGA	0	0	
mORF_+_1659931	1659931	1660005	+	1	75	GTG	TGA	0	0	
mORF_+_1659980	1659980	1659997	+	2	18	ATG	TAA	0	0	
mORF_+_1660015	1660015	1660071	+	1	57	ATG	TGA	0	0	

mORF+_1660061	1660061	1660084	+	2	24	GTG	TGA	0	0	
mORF+_1660072	1660072	1660095	+	1	24	TTG	TGA	0	0	
mORF+_1660112	1660112	1660171	+	2	60	TTG	TGA	0	0	
mORF+_1660168	1660168	1660197	+	1	30	ATG	TGA	0	0	
mORF+_1660228	1660228	1660257	+	1	30	TTG	TGA	0	0	
mORF+_1660258	1660258	1660278	+	1	21	GTG	TAG	0	0	
mORF+_1660321	1660321	1660392	+	1	72	ATG	TGA	0	0	
mORF+_1660325	1660325	1660363	+	2	39	ATG	TAA	0	0	
mORF+_1660418	1660418	1660459	+	2	42	ATG	TGA	0	0	
mORF+_1660456	1660456	1660482	+	1	27	GTG	TGA	0	0	
mORF+_1660531	1660531	1660551	+	1	21	TTG	TGA	0	0	
mORF+_1660558	1660558	1660644	+	1	87	ATG	TAA	0	0	
mORF+_1660690	1660690	1660809	+	1	120	TTG	TGA	0	0	
mORF+_1660724	1660724	1660741	+	2	18	GTG	TGA	0	0	
mORF+_1660810	1660810	1660824	+	1	15	TTG	TGA	0	0	
mORF+_1660864	1660864	1660929	+	1	66	GTG	TGA	0	0	
mORF+_1660868	1660868	1660876	+	2	9	GTG	TAA	0	0	
mORF+_1660981	1660981	1661010	+	1	30	TTG	TAG	0	0	
mORF+_1661014	1661014	1661631	+	1	618	ATG	TAA	3	40	pORF+_1661014
mORF+_1661027	1661027	1661383	+	2	357	ATG	TGA	1	2	pORF+_1661027
mORF+_1661082	1661082	1661096	+	3	15	GTG	TAA	0	0	
mORF+_1661220	1661220	1661228	+	3	9	TTG	TGA	0	0	
mORF+_1661235	1661235	1661270	+	3	36	ATG	TAA	0	0	
mORF+_1661307	1661307	1661369	+	3	63	TTG	TGA	0	0	
mORF+_1661388	1661388	1661465	+	3	78	GTG	TGA	0	0	
mORF+_1661393	1661393	1662487	+	2	1095	ATG	TAA	0	0	
mORF+_1661640	1661640	1661693	+	3	54	ATG	TAG	0	0	
mORF+_1661644	1661644	1661652	+	1	9	ATG	TGA	0	0	
mORF+_1661653	1661653	1661712	+	1	60	GTG	TAG	0	0	
mORF+_1661706	1661706	1661792	+	3	87	TTG	TGA	0	0	
mORF+_1661808	1661808	1661858	+	3	51	TTG	TGA	0	0	
mORF+_1661892	1661892	1662026	+	3	135	TTG	TGA	0	0	
mORF+_1661929	1661929	1661955	+	1	27	ATG	TAA	0	0	
mORF+_1662123	1662123	1662200	+	3	78	TTG	TGA	0	0	
mORF+_1662205	1662205	1662372	+	1	168	TTG	TGA	0	0	
mORF+_1662207	1662207	1662218	+	3	12	GTG	TGA	0	0	
mORF+_1662219	1662219	1662404	+	3	186	TTG	TAA	0	0	
mORF+_1662414	1662414	1662428	+	3	15	TTG	TGA	0	0	
mORF+_1662435	1662435	1662461	+	3	27	GTG	TGA	0	0	
mORF+_1662477	1662477	1662527	+	3	51	TTG	TAG	0	0	
mORF+_1662521	1662521	1663144	+	2	624	ATG	TAG	1	3	pORF+_1662521
mORF+_1662609	1662609	1662689	+	3	81	GTG	TAG	0	0	
mORF+_1662664	1662664	1662723	+	1	60	GTG	TGA	0	0	
mORF+_1662720	1662720	1662887	+	3	168	GTG	TGA	0	0	
mORF+_1662766	1662766	1662882	+	1	117	GTG	TGA	0	0	
mORF+_1662912	1662912	1662929	+	3	18	TTG	TGA	0	0	
mORF+_1662937	1662937	1663020	+	1	84	GTG	TGA	0	0	
mORF+_1662951	1662951	1663082	+	3	132	ATG	TAA	0	0	
mORF+_1663093	1663093	1663128	+	1	36	ATG	TAA	0	0	
mORF+_1663158	1663158	1663445	+	3	288	TTG	TAA	0	0	
mORF+_1663165	1663165	1663272	+	1	108	ATG	TAG	0	0	
mORF+_1663205	1663205	1663228	+	2	24	GTG	TAA	0	0	
mORF+_1663259	1663259	1663504	+	2	246	TTG	TAA	0	0	
mORF+_1663279	1663279	1664595	+	1	1317	GTG	TAA	0	0	
mORF+_1663577	1663577	1663669	+	2	93	ATG	TAG	0	0	
mORF+_1663682	1663682	1663708	+	2	27	GTG	TGA	0	0	
mORF+_1663724	1663724	1663849	+	2	126	TTG	TAG	0	0	
mORF+_1663767	1663767	1663928	+	3	162	GTG	TAG	0	0	
mORF+_1663862	1663862	1663873	+	2	12	TTG	TGA	0	0	
mORF+_1663994	1663994	1664008	+	2	15	GTG	TGA	0	0	
mORF+_1664021	1664021	1664056	+	2	36	GTG	TAA	0	0	
mORF+_1664037	1664037	1664186	+	3	150	GTG	TAG	0	0	
mORF+_1664078	1664078	1664089	+	2	12	GTG	TGA	0	0	

mORF_+_1664099	1664099	1664125	+	2	27	TTG	TAG	0	0
mORF_+_1664231	1664231	1664407	+	2	177	TTG	TGA	0	0
mORF_+_1664247	1664247	1664252	+	3	6	TTG	TAA	0	0
mORF_+_1664256	1664256	1664276	+	3	21	GTG	TAG	0	0
mORF_+_1664364	1664364	1664375	+	3	12	ATG	TGA	0	0
mORF_+_1664469	1664469	1664474	+	3	6	ATG	TGA	0	0
mORF_+_1664471	1664471	1664479	+	2	9	GTG	TGA	0	0
mORF_+_1664513	1664513	1664524	+	2	12	TTG	TAA	0	0
mORF_+_1664525	1664525	1664536	+	2	12	TTG	TAA	0	0
mORF_+_1664555	1664555	1664641	+	2	87	GTG	TAA	0	0
mORF_+_1664605	1664605	1664784	+	1	180	TTG	TAG	0	0
mORF_+_1664654	1664654	1664704	+	2	51	ATG	TAA	0	0
mORF_+_1664661	1664661	1664693	+	3	33	GTG	TGA	0	0
mORF_+_1664720	1664720	1664776	+	2	57	TTG	TGA	0	0
mORF_+_1664787	1664787	1664798	+	3	12	GTG	TAA	0	0
mORF_+_1664791	1664791	1664958	+	1	168	ATG	TGA	0	0
mORF_+_1664798	1664798	1664812	+	2	15	ATG	TGA	0	0
mORF_+_1664865	1664865	1664963	+	3	99	GTG	TGA	0	0
mORF_+_1664960	1664960	1664971	+	2	12	ATG	TAA	0	0
mORF_+_1664972	1664972	1665040	+	2	69	TTG	TAA	0	0
mORF_+_1664976	1664976	1665023	+	3	48	TTG	TAG	0	0
mORF_+_1664986	1664986	1665015	+	1	30	GTG	TAA	0	0
mORF_+_1665050	1665050	1665289	+	2	240	ATG	TAA	0	0
mORF_+_1665054	1665054	1665224	+	3	171	TTG	TAA	0	0
mORF_+_1665169	1665169	1665174	+	1	6	TTG	TAG	0	0
mORF_+_1665296	1665296	1665307	+	2	12	TTG	TAA	0	0
mORF_+_1665311	1665311	1665337	+	2	27	ATG	TAG	0	0
mORF_+_1665346	1665346	1665453	+	1	108	TTG	TAG	0	0
mORF_+_1665365	1665365	1665523	+	2	159	ATG	TGA	0	0
mORF_+_1665441	1665441	1665461	+	3	21	GTG	TGA	0	0
mORF_+_1665477	1665477	1665485	+	3	9	ATG	TGA	0	0
mORF_+_1665513	1665513	1665686	+	3	174	ATG	TGA	0	0
mORF_+_1665562	1665562	1665591	+	1	30	GTG	TAA	0	0
mORF_+_1665581	1665581	1665595	+	2	15	TTG	TAA	0	0
mORF_+_1665626	1665626	1665664	+	2	39	ATG	TAG	0	0
mORF_+_1665655	1665655	1665744	+	1	90	TTG	TAA	0	0
mORF_+_1665710	1665710	1665721	+	2	12	TTG	TAA	0	0
mORF_+_1665732	1665732	1665740	+	3	9	ATG	TGA	0	0
mORF_+_1665737	1665737	1665886	+	2	150	TTG	TAG	0	0
mORF_+_1665754	1665754	1665903	+	1	150	GTG	TAA	0	0
mORF_+_1665786	1665786	1665806	+	3	21	ATG	TGA	0	0
mORF_+_1665846	1665846	1665893	+	3	48	GTG	TGA	0	0
mORF_+_1665890	1665890	1665964	+	2	75	ATG	TGA	0	0
mORF_+_1665903	1665903	1665926	+	3	24	ATG	TGA	0	0
mORF_+_1665961	1665961	1666002	+	1	42	GTG	TGA	0	0
mORF_+_1666007	1666007	1666153	+	2	147	ATG	TAG	0	0
mORF_+_1666089	1666089	1666190	+	3	102	ATG	TGA	0	0
mORF_+_1666172	1666172	1666237	+	2	66	GTG	TAA	0	0
mORF_+_1666219	1666219	1666314	+	1	96	ATG	TAA	0	0
mORF_+_1666269	1666269	1666331	+	3	63	TTG	TAG	0	0
mORF_+_1666331	1666331	1666639	+	2	309	GTG	TGA	0	0
mORF_+_1666392	1666392	1666511	+	3	120	TTG	TGA	0	0
mORF_+_1666417	1666417	1666446	+	1	30	GTG	TAG	0	0
mORF_+_1666539	1666539	1666556	+	3	18	TTG	TGA	0	0
mORF_+_1666560	1666560	1666622	+	3	63	ATG	TAA	0	0
mORF_+_1666633	1666633	1666674	+	1	42	ATG	TAG	0	0
mORF_+_1666653	1666653	1666682	+	3	30	GTG	TGA	0	0
mORF_+_1666679	1666679	1666714	+	2	36	GTG	TGA	0	0
mORF_+_1666744	1666744	1666875	+	1	132	ATG	TGA	0	0
mORF_+_1666853	1666853	1666861	+	2	9	TTG	TGA	0	0
mORF_+_1666872	1666872	1666922	+	3	51	ATG	TGA	0	0
mORF_+_1666919	1666919	1666948	+	2	30	ATG	TGA	0	0
mORF_+_1666929	1666929	1666952	+	3	24	TTG	TGA	0	0

mORF_+_1666949	1666949	1666972	+	2	24	GTG	TAA	0	0	
mORF_+_1666966	1666966	1667157	+	1	192	ATG	TAA	0	0	
mORF_+_1667079	1667079	1667114	+	3	36	TTG	TAA	0	0	
mORF_+_1667129	1667129	1667260	+	2	132	ATG	TAA	0	0	
mORF_+_1667212	1667212	1667244	+	1	33	TTG	TAA	0	0	
mORF_+_1667245	1667245	1667280	+	1	36	ATG	TAA	0	0	
mORF_+_1667327	1667327	1667353	+	2	27	ATG	TGA	0	0	
mORF_+_1667353	1667353	1667517	+	1	165	ATG	TAG	0	0	
mORF_+_1667456	1667456	1667503	+	2	48	TTG	TGA	0	0	
mORF_+_1667463	1667463	1667636	+	3	174	GTG	TGA	0	0	
mORF_+_1667524	1667524	1667622	+	1	99	TTG	TAA	0	0	
mORF_+_1667633	1667633	1667653	+	2	21	TTG	TAG	0	0	
mORF_+_1667680	1667680	1667745	+	1	66	ATG	TGA	0	0	
mORF_+_1667723	1667723	1668976	+	2	1254	GTG	TGA	0	0	
mORF_+_1667742	1667742	1667927	+	3	186	TTG	TAA	0	0	
mORF_+_1667881	1667881	1667943	+	1	63	TTG	TAG	0	0	
mORF_+_1667979	1667979	1668032	+	3	54	TTG	TGA	0	0	
mORF_+_1668061	1668061	1668171	+	1	111	TTG	TAG	0	0	
mORF_+_1668123	1668123	1668137	+	3	15	TTG	TAA	0	0	
mORF_+_1668138	1668138	1668161	+	3	24	GTG	TGA	0	0	
mORF_+_1668234	1668234	1668245	+	3	12	TTG	TGA	0	0	
mORF_+_1668264	1668264	1668338	+	3	75	GTG	TGA	0	0	
mORF_+_1668313	1668313	1668360	+	1	48	TTG	TGA	0	0	
mORF_+_1668429	1668429	1668473	+	3	45	GTG	TGA	0	0	
mORF_+_1668534	1668534	1668578	+	3	45	ATG	TGA	0	0	
mORF_+_1668586	1668586	1668798	+	1	213	ATG	TAA	0	0	
mORF_+_1668624	1668624	1668641	+	3	18	ATG	TGA	0	0	
mORF_+_1668669	1668669	1668680	+	3	12	TTG	TGA	0	0	
mORF_+_1668711	1668711	1668761	+	3	51	TTG	TAG	0	0	
mORF_+_1668849	1668849	1668920	+	3	72	TTG	TGA	0	0	
mORF_+_1668930	1668930	1668983	+	3	54	TTG	TAA	0	0	
mORF_+_1669017	1669017	1669154	+	3	138	TTG	TGA	0	0	
mORF_+_1669136	1669136	1669180	+	2	45	GTG	TAA	0	0	
mORF_+_1669138	1669138	1669227	+	1	90	GTG	TAA	0	0	
mORF_+_1669217	1669217	1669267	+	2	51	TTG	TAA	0	0	
mORF_+_1669280	1669280	1669372	+	2	93	TTG	TAA	0	0	
mORF_+_1669363	1669363	1669389	+	1	27	GTG	TGA	0	0	
mORF_+_1669373	1669373	1669708	+	2	336	ATG	TAA	2	18	pORF_+_1669373
mORF_+_1669386	1669386	1669397	+	3	12	TTG	TGA	0	0	
mORF_+_1669422	1669422	1669799	+	3	378	TTG	TAG	0	0	
mORF_+_1669756	1669756	1669770	+	1	15	GTG	TAA	0	0	
mORF_+_1669801	1669801	1669884	+	1	84	ATG	TGA	0	0	
mORF_+_1669820	1669820	1669834	+	2	15	TTG	TGA	0	0	
mORF_+_1669848	1669848	1669898	+	3	51	ATG	TGA	0	0	
mORF_+_1669885	1669885	1669890	+	1	6	TTG	TAG	0	0	
mORF_+_1669938	1669938	1669955	+	3	18	ATG	TAA	0	0	
mORF_+_1669946	1669946	1670005	+	2	60	TTG	TAG	0	0	
mORF_+_1669977	1669977	1669982	+	3	6	GTG	TGA	0	0	
mORF_+_1669984	1669984	1670805	+	1	822	ATG	TAA	1	2	pORF_+_1669984
mORF_+_1670012	1670012	1670026	+	2	15	GTG	TGA	0	0	
mORF_+_1670036	1670036	1670125	+	2	90	TTG	TGA	0	0	
mORF_+_1670126	1670126	1670203	+	2	78	ATG	TGA	0	0	
mORF_+_1670145	1670145	1670261	+	3	117	GTG	TAA	0	0	
mORF_+_1670204	1670204	1670224	+	2	21	TTG	TAA	0	0	
mORF_+_1670288	1670288	1670332	+	2	45	TTG	TAG	0	0	
mORF_+_1670307	1670307	1670318	+	3	12	TTG	TGA	0	0	
mORF_+_1670342	1670342	1670368	+	2	27	TTG	TAA	0	0	
mORF_+_1670375	1670375	1670428	+	2	54	ATG	TGA	0	0	
mORF_+_1670385	1670385	1670441	+	3	57	TTG	TAA	0	0	
mORF_+_1670429	1670429	1670509	+	2	81	TTG	TAA	0	0	
mORF_+_1670585	1670585	1670593	+	2	9	GTG	TGA	0	0	
mORF_+_1670628	1670628	1670648	+	3	21	GTG	TGA	0	0	
mORF_+_1670645	1670645	1670665	+	2	21	GTG	TGA	0	0	

mORF_+_1670678	1670678	1670695	+	2	18	ATG	TAA	0	0
mORF_+_1670696	1670696	1670863	+	2	168	TTG	TGA	0	0
mORF_+_1670805	1670805	1670912	+	3	108	ATG	TAA	0	0
mORF_+_1670860	1670860	1670919	+	1	60	ATG	TGA	0	0
mORF_+_1670916	1670916	1670945	+	3	30	TTG	TAA	0	0
mORF_+_1670947	1670947	1670982	+	1	36	GTG	TAA	0	0
mORF_+_1670975	1670975	1671007	+	2	33	ATG	TAA	0	0
mORF_+_1671012	1671012	1671302	+	3	291	TTG	TAA	0	0
mORF_+_1671070	1671070	1671153	+	1	84	TTG	TGA	0	0
mORF_+_1671128	1671128	1671346	+	2	219	TTG	TAA	0	0
mORF_+_1671172	1671172	1671216	+	1	45	ATG	TGA	0	0
mORF_+_1671462	1671462	1671479	+	3	18	TTG	TAA	0	0
mORF_+_1671525	1671525	1671566	+	3	42	TTG	TAA	0	0
mORF_+_1671587	1671587	1671607	+	2	21	GTG	TAG	0	0
mORF_+_1671616	1671616	1671675	+	1	60	TTG	TAG	0	0
mORF_+_1671642	1671642	1671794	+	3	153	TTG	TAG	0	0
mORF_+_1671650	1671650	1671682	+	2	33	GTG	TGA	0	0
mORF_+_1671679	1671679	1671699	+	1	21	ATG	TAA	0	0
mORF_+_1671692	1671692	1671712	+	2	21	ATG	TAA	0	0
mORF_+_1671700	1671700	1671705	+	1	6	ATG	TAG	0	0
mORF_+_1671775	1671775	1671798	+	1	24	ATG	TGA	0	0
mORF_+_1671782	1671782	1671808	+	2	27	TTG	TGA	0	0
mORF_+_1671795	1671795	1671860	+	3	66	TTG	TGA	0	0
mORF_+_1671866	1671866	1671910	+	2	45	TTG	TAG	0	0
mORF_+_1671937	1671937	1672971	+	1	1035	ATG	TGA	0	0
mORF_+_1671962	1671962	1671970	+	2	9	ATG	TAA	0	0
mORF_+_1672022	1672022	1672141	+	2	120	TTG	TGA	0	0
mORF_+_1672259	1672259	1672282	+	2	24	TTG	TAG	0	0
mORF_+_1672286	1672286	1672339	+	2	54	TTG	TGA	0	0
mORF_+_1672373	1672373	1672405	+	2	33	ATG	TGA	0	0
mORF_+_1672475	1672475	1672534	+	2	60	TTG	TGA	0	0
mORF_+_1672592	1672592	1672747	+	2	156	ATG	TGA	0	0
mORF_+_1672793	1672793	1672834	+	2	42	GTG	TGA	0	0
mORF_+_1672839	1672839	1672913	+	3	75	TTG	TGA	0	0
mORF_+_1672895	1672895	1672951	+	2	57	TTG	TAA	0	0
mORF_+_1672968	1672968	1673066	+	3	99	GTG	TGA	0	0
mORF_+_1673030	1673030	1673095	+	2	66	TTG	TAG	0	0
mORF_+_1673050	1673050	1673463	+	1	414	GTG	TGA	0	0
mORF_+_1673099	1673099	1673530	+	2	432	GTG	TGA	0	0
mORF_+_1673298	1673298	1673372	+	3	75	TTG	TAA	0	0
mORF_+_1673464	1673464	1673772	+	1	309	ATG	TAA	0	0
mORF_+_1673555	1673555	1673617	+	2	63	GTG	TAA	0	0
mORF_+_1673672	1673672	1673905	+	2	234	TTG	TGA	0	0
mORF_+_1673773	1673773	1674252	+	1	480	ATG	TAA	0	0
mORF_+_1673796	1673796	1673930	+	3	135	TTG	TAG	0	0
mORF_+_1673939	1673939	1674025	+	2	87	TTG	TGA	0	0
mORF_+_1674029	1674029	1674061	+	2	33	TTG	TGA	0	0
mORF_+_1674042	1674042	1674077	+	3	36	GTG	TAA	0	0
mORF_+_1674177	1674177	1674191	+	3	15	TTG	TGA	0	0
mORF_+_1674188	1674188	1674547	+	2	360	ATG	TGA	0	0
mORF_+_1674243	1674243	1674329	+	3	87	TTG	TGA	0	0
mORF_+_1674304	1674304	1674372	+	1	69	ATG	TAA	0	0
mORF_+_1674357	1674357	1674368	+	3	12	ATG	TAA	0	0
mORF_+_1674385	1674385	1674438	+	1	54	ATG	TGA	0	0
mORF_+_1674402	1674402	1674428	+	3	27	TTG	TGA	0	0
mORF_+_1674435	1674435	1674611	+	3	177	GTG	TAA	0	0
mORF_+_1674523	1674523	1674540	+	1	18	GTG	TAA	0	0
mORF_+_1674574	1674574	1674645	+	1	72	GTG	TGA	0	0
mORF_+_1674578	1674578	1674736	+	2	159	ATG	TGA	0	0
mORF_+_1674642	1674642	1674797	+	3	156	GTG	TGA	0	0
mORF_+_1674676	1674676	1674699	+	1	24	TTG	TGA	0	0
mORF_+_1674700	1674700	1674831	+	1	132	TTG	TAA	0	0
mORF_+_1674779	1674779	1674802	+	2	24	TTG	TGA	0	0

mORF_+_1674888	1674888	1674950	+	3	63	GTG	TAA	0	0	
mORF_+_1674940	1674940	1675008	+	1	69	TTG	TGA	0	0	
mORF_+_1674962	1674962	1675132	+	2	171	TTG	TAG	0	0	
mORF_+_1675005	1675005	1675253	+	3	249	TTG	TAG	0	0	
mORF_+_1675189	1675189	1675224	+	1	36	TTG	TGA	0	0	
mORF_+_1675313	1675313	1675540	+	2	228	TTG	TAG	0	0	
mORF_+_1675341	1675341	1675514	+	3	174	GTG	TAA	0	0	
mORF_+_1675348	1675348	1675458	+	1	111	ATG	TAA	0	0	
mORF_+_1675489	1675489	1675653	+	1	165	GTG	TAA	0	0	
mORF_+_1675521	1675521	1675808	+	3	288	ATG	TGA	0	0	
mORF_+_1675553	1675553	1675564	+	2	12	TTG	TGA	0	0	
mORF_+_1675619	1675619	1675627	+	2	9	TTG	TAA	0	0	
mORF_+_1675666	1675666	1675713	+	1	48	TTG	TGA	0	0	
mORF_+_1675772	1675772	1675900	+	2	129	TTG	TAA	0	0	
mORF_+_1675798	1675798	1675836	+	1	39	TTG	TAA	0	0	
mORF_+_1675867	1675867	1675929	+	1	63	TTG	TGA	0	0	
mORF_+_1675893	1675893	1676030	+	3	138	TTG	TAG	0	0	
mORF_+_1675951	1675951	1676025	+	1	75	TTG	TAA	0	0	
mORF_+_1676006	1676006	1676020	+	2	15	ATG	TAA	0	0	
mORF_+_1676061	1676061	1676075	+	3	15	ATG	TAG	0	0	
mORF_+_1676098	1676098	1676142	+	1	45	GTG	TAA	0	0	
mORF_+_1676174	1676174	1676194	+	2	21	TTG	TAA	0	0	
mORF_+_1676255	1676255	1676266	+	2	12	TTG	TAG	0	0	
mORF_+_1676269	1676269	1676322	+	1	54	ATG	TAA	0	0	
mORF_+_1676309	1676309	1676347	+	2	39	TTG	TGA	0	0	
mORF_+_1676325	1676325	1676333	+	3	9	TTG	TAA	0	0	
mORF_+_1676337	1676337	1676342	+	3	6	ATG	TGA	0	0	
mORF_+_1676344	1676344	1676376	+	1	33	ATG	TAA	0	0	
mORF_+_1676351	1676351	1676461	+	2	111	ATG	TAA	0	0	
mORF_+_1676377	1676377	1676385	+	1	9	ATG	TAA	0	0	
mORF_+_1676451	1676451	1677395	+	3	945	ATG	TAA	84	889	pORF_+_1676451
mORF_+_1676560	1676560	1676571	+	1	12	TTG	TAG	0	0	
mORF_+_1676590	1676590	1676610	+	1	21	ATG	TGA	0	0	
mORF_+_1676641	1676641	1676760	+	1	120	GTG	TAA	0	0	
mORF_+_1676767	1676767	1676802	+	1	36	GTG	TGA	0	0	
mORF_+_1676803	1676803	1677012	+	1	210	TTG	TGA	0	0	
mORF_+_1677037	1677037	1677204	+	1	168	GTG	TGA	0	0	
mORF_+_1677292	1677292	1677369	+	1	78	TTG	TGA	0	0	
mORF_+_1677344	1677344	1677361	+	2	18	GTG	TAA	0	0	
mORF_+_1677422	1677422	1677493	+	2	72	TTG	TAA	0	0	
mORF_+_1677468	1677468	1677602	+	3	135	TTG	TGA	0	0	
mORF_+_1677472	1677472	1677567	+	1	96	ATG	TAA	0	0	
mORF_+_1677533	1677533	1677541	+	2	9	TTG	TAA	0	0	
mORF_+_1677581	1677581	1678963	+	2	1383	ATG	TAA	0	0	
mORF_+_1677645	1677645	1677755	+	3	111	GTG	TGA	0	0	
mORF_+_1677780	1677780	1677827	+	3	48	TTG	TAA	0	0	
mORF_+_1677835	1677835	1677957	+	1	123	TTG	TAA	0	0	
mORF_+_1677945	1677945	1677974	+	3	30	TTG	TAG	0	0	
mORF_+_1677978	1677978	1678013	+	3	36	GTG	TGA	0	0	
mORF_+_1677994	1677994	1678047	+	1	54	GTG	TAA	0	0	
mORF_+_1678089	1678089	1678106	+	3	18	TTG	TGA	0	0	
mORF_+_1678149	1678149	1678181	+	3	33	TTG	TGA	0	0	
mORF_+_1678168	1678168	1678257	+	1	90	TTG	TAA	0	0	
mORF_+_1678215	1678215	1678325	+	3	111	TTG	TAA	0	0	
mORF_+_1678341	1678341	1678397	+	3	57	GTG	TGA	0	0	
mORF_+_1678417	1678417	1678524	+	1	108	ATG	TAA	0	0	
mORF_+_1678542	1678542	1678589	+	3	48	TTG	TGA	0	0	
mORF_+_1678582	1678582	1678740	+	1	159	GTG	TAA	0	0	
mORF_+_1678749	1678749	1678889	+	3	141	GTG	TGA	0	0	
mORF_+_1678774	1678774	1678878	+	1	105	ATG	TGA	0	0	
mORF_+_1678911	1678911	1678925	+	3	15	TTG	TAA	0	0	
mORF_+_1678926	1678926	1678985	+	3	60	TTG	TAG	0	0	
mORF_+_1678978	1678978	1679007	+	1	30	TTG	TAA	0	0	

mORF_+_1679000	1679000	1679722	+	2	723	ATG	TAA	0	0	
mORF_+_1679068	1679068	1679082	+	1	15	ATG	TAA	0	0	
mORF_+_1679100	1679100	1679141	+	3	42	TTG	TGA	0	0	
mORF_+_1679145	1679145	1679195	+	3	51	ATG	TGA	0	0	
mORF_+_1679158	1679158	1679172	+	1	15	GTG	TGA	0	0	
mORF_+_1679202	1679202	1679219	+	3	18	TTG	TAA	0	0	
mORF_+_1679229	1679229	1679315	+	3	87	ATG	TGA	0	0	
mORF_+_1679263	1679263	1679331	+	1	69	GTG	TAA	0	0	
mORF_+_1679352	1679352	1679486	+	3	135	ATG	TGA	0	0	
mORF_+_1679496	1679496	1679522	+	3	27	TTG	TGA	0	0	
mORF_+_1679535	1679535	1679549	+	3	15	TTG	TGA	0	0	
mORF_+_1679559	1679559	1679597	+	3	39	ATG	TGA	0	0	
mORF_+_1679668	1679668	1679700	+	1	33	TTG	TGA	0	0	
mORF_+_1679673	1679673	1679744	+	3	72	TTG	TAA	0	0	
mORF_+_1679722	1679722	1679892	+	1	171	ATG	TAA	0	0	
mORF_+_1679754	1679754	1679819	+	3	66	ATG	TGA	0	0	
mORF_+_1679816	1679816	1679842	+	2	27	GTG	TAA	0	0	
mORF_+_1679876	1679876	1679926	+	2	51	ATG	TAA	0	0	
mORF_+_1679883	1679883	1679936	+	3	54	TTG	TAA	0	0	
mORF_+_1679926	1679926	1679997	+	1	72	ATG	TAA	0	0	
mORF_+_1679955	1679955	1680041	+	3	87	GTG	TGA	0	0	
mORF_+_1680038	1680038	1680067	+	2	30	TTG	TAA	0	0	
mORF_+_1680101	1680101	1680136	+	2	36	ATG	TAA	0	0	
mORF_+_1680109	1680109	1680126	+	1	18	TTG	TGA	0	0	
mORF_+_1680123	1680123	1680902	+	3	780	TTG	TAA	5	16	pORF_+_1680123
mORF_+_1680152	1680152	1680157	+	2	6	TTG	TGA	0	0	
mORF_+_1680154	1680154	1680177	+	1	24	GTG	TGA	0	0	
mORF_+_1680178	1680178	1680186	+	1	9	ATG	TGA	0	0	
mORF_+_1680199	1680199	1680231	+	1	33	TTG	TGA	0	0	
mORF_+_1680232	1680232	1680273	+	1	42	TTG	TAG	0	0	
mORF_+_1680371	1680371	1680379	+	2	9	TTG	TGA	0	0	
mORF_+_1680376	1680376	1680417	+	1	42	GTG	TAA	0	0	
mORF_+_1680392	1680392	1680430	+	2	39	GTG	TAG	0	0	
mORF_+_1680463	1680463	1680510	+	1	48	GTG	TAG	0	0	
mORF_+_1680538	1680538	1680555	+	1	18	ATG	TGA	0	0	
mORF_+_1680692	1680692	1680769	+	2	78	GTG	TGA	0	0	
mORF_+_1680709	1680709	1680744	+	1	36	ATG	TGA	0	0	
mORF_+_1680766	1680766	1680810	+	1	45	ATG	TAA	0	0	
mORF_+_1680880	1680880	1680909	+	1	30	TTG	TGA	0	0	
mORF_+_1680893	1680893	1681027	+	2	135	ATG	TGA	0	0	
mORF_+_1680906	1680906	1682207	+	3	1302	ATG	TGA	1	2	pORF_+_1680906
mORF_+_1680943	1680943	1680960	+	1	18	TTG	TGA	0	0	
mORF_+_1680973	1680973	1681032	+	1	60	TTG	TGA	0	0	
mORF_+_1681069	1681069	1681104	+	1	36	GTG	TGA	0	0	
mORF_+_1681138	1681138	1681152	+	1	15	GTG	TGA	0	0	
mORF_+_1681165	1681165	1681329	+	1	165	TTG	TGA	0	0	
mORF_+_1681339	1681339	1681401	+	1	63	TTG	TAA	0	0	
mORF_+_1681426	1681426	1681530	+	1	105	TTG	TAA	0	0	
mORF_+_1681531	1681531	1681587	+	1	57	TTG	TAG	0	0	
mORF_+_1681654	1681654	1681680	+	1	27	GTG	TAA	0	0	
mORF_+_1681681	1681681	1681695	+	1	15	TTG	TGA	0	0	
mORF_+_1681699	1681699	1681794	+	1	96	ATG	TAA	0	0	
mORF_+_1681757	1681757	1681804	+	2	48	GTG	TAA	0	0	
mORF_+_1681840	1681840	1681863	+	1	24	ATG	TAA	0	0	
mORF_+_1681921	1681921	1681962	+	1	42	TTG	TAA	0	0	
mORF_+_1681963	1681963	1682097	+	1	135	TTG	TAG	0	0	
mORF_+_1682123	1682123	1682128	+	2	6	TTG	TGA	0	0	
mORF_+_1682125	1682125	1682265	+	1	141	GTG	TAA	0	0	
mORF_+_1682174	1682174	1682182	+	2	9	ATG	TAA	0	0	
mORF_+_1682241	1682241	1682249	+	3	9	GTG	TAA	0	0	
mORF_+_1682271	1682271	1683212	+	3	942	GTG	TAA	2	5	pORF_+_1682271
mORF_+_1682353	1682353	1682415	+	1	63	TTG	TAA	0	0	
mORF_+_1682425	1682425	1682457	+	1	33	ATG	TAA	0	0	

mORF_+_1682576	1682576	1682593	+	2	18	GTG	TAA	0	0	
mORF_+_1682671	1682671	1682733	+	1	63	TTG	TGA	0	0	
mORF_+_1682705	1682705	1682743	+	2	39	ATG	TAA	0	0	
mORF_+_1682743	1682743	1682865	+	1	123	ATG	TGA	0	0	
mORF_+_1682795	1682795	1682803	+	2	9	TTG	TAA	0	0	
mORF_+_1682878	1682878	1682967	+	1	90	GTG	TAA	0	0	
mORF_+_1682888	1682888	1683073	+	2	186	GTG	TAA	1	2	pORF_+_1682888
mORF_+_1682998	1682998	1683060	+	1	63	TTG	TGA	0	0	
mORF_+_1683061	1683061	1683069	+	1	9	TTG	TGA	0	0	
mORF_+_1683082	1683082	1683117	+	1	36	ATG	TAA	0	0	
mORF_+_1683124	1683124	1683177	+	1	54	ATG	TGA	0	0	
mORF_+_1683199	1683199	1683279	+	1	81	ATG	TAA	0	0	
mORF_+_1683326	1683326	1683412	+	2	87	ATG	TAA	0	0	
mORF_+_1683336	1683336	1683362	+	3	27	TTG	TAA	0	0	
mORF_+_1683366	1683366	1683416	+	3	51	ATG	TGA	0	0	
mORF_+_1683413	1683413	1683616	+	2	204	TTG	TAA	0	0	
mORF_+_1683417	1683417	1683599	+	3	183	TTG	TGA	0	0	
mORF_+_1683523	1683523	1683573	+	1	51	TTG	TGA	0	0	
mORF_+_1683609	1683609	1683788	+	3	180	ATG	TGA	0	0	
mORF_+_1683616	1683616	1683654	+	1	39	ATG	TGA	0	0	
mORF_+_1683655	1683655	1683837	+	1	183	TTG	TAA	0	0	
mORF_+_1683779	1683779	1683907	+	2	129	GTG	TAG	0	0	
mORF_+_1683822	1683822	1683953	+	3	132	TTG	TGA	0	0	
mORF_+_1683844	1683844	1683855	+	1	12	GTG	TAA	0	0	
mORF_+_1683950	1683950	1684030	+	2	81	GTG	TAA	0	0	
mORF_+_1683975	1683975	1684052	+	3	78	TTG	TGA	0	0	
mORF_+_1684049	1684049	1684264	+	2	216	GTG	TAA	0	0	
mORF_+_1684065	1684065	1684127	+	3	63	TTG	TGA	0	0	
mORF_+_1684102	1684102	1684122	+	1	21	GTG	TAA	0	0	
mORF_+_1684131	1684131	1684229	+	3	99	ATG	TGA	0	0	
mORF_+_1684296	1684296	1684391	+	3	96	ATG	TGA	0	0	
mORF_+_1684310	1684310	1684429	+	2	120	TTG	TAA	0	0	
mORF_+_1684395	1684395	1684478	+	3	84	ATG	TGA	0	0	
mORF_+_1684444	1684444	1684614	+	1	171	TTG	TGA	0	0	
mORF_+_1684475	1684475	1684486	+	2	12	ATG	TGA	0	0	
mORF_+_1684488	1684488	1684535	+	3	48	GTG	TGA	0	0	
mORF_+_1684517	1684517	1684630	+	2	114	ATG	TGA	0	0	
mORF_+_1684611	1684611	1684634	+	3	24	ATG	TAA	0	0	
mORF_+_1684650	1684650	1684673	+	3	24	TTG	TAG	0	0	
mORF_+_1684693	1684693	1684962	+	1	270	TTG	TAG	0	0	
mORF_+_1684703	1684703	1684783	+	2	81	ATG	TGA	0	0	
mORF_+_1684707	1684707	1684727	+	3	21	TTG	TAA	0	0	
mORF_+_1684776	1684776	1685255	+	3	480	TTG	TAA	0	0	
mORF_+_1685008	1685008	1685055	+	1	48	TTG	TGA	0	0	
mORF_+_1685087	1685087	1685161	+	2	75	TTG	TGA	0	0	
mORF_+_1685125	1685125	1685142	+	1	18	TTG	TAG	0	0	
mORF_+_1685158	1685158	1685214	+	1	57	TTG	TGA	0	0	
mORF_+_1685239	1685239	1685412	+	1	174	GTG	TGA	0	0	
mORF_+_1685258	1685258	1685263	+	2	6	GTG	TAG	0	0	
mORF_+_1685285	1685285	1685314	+	2	30	GTG	TAA	0	0	
mORF_+_1685382	1685382	1685798	+	3	417	ATG	TAA	0	0	
mORF_+_1685416	1685416	1685487	+	1	72	TTG	TGA	0	0	
mORF_+_1685477	1685477	1685677	+	2	201	ATG	TAA	0	0	
mORF_+_1685509	1685509	1685517	+	1	9	ATG	TGA	0	0	
mORF_+_1685749	1685749	1685772	+	1	24	GTG	TAA	0	0	
mORF_+_1685803	1685803	1685814	+	1	12	TTG	TGA	0	0	
mORF_+_1685827	1685827	1685892	+	1	66	TTG	TAA	0	0	
mORF_+_1685831	1685831	1686067	+	2	237	TTG	TAA	0	0	
mORF_+_1685914	1685914	1685967	+	1	54	TTG	TAG	0	0	
mORF_+_1685958	1685958	1686263	+	3	306	TTG	TAA	0	0	
mORF_+_1685989	1685989	1685997	+	1	9	GTG	TAG	0	0	
mORF_+_1686073	1686073	1686087	+	1	15	GTG	TGA	0	0	
mORF_+_1686092	1686092	1686223	+	2	132	TTG	TGA	0	0	

mORF_+_1686115	1686115	1686237	+	1	123	ATG	TGA	0	0	
mORF_+_1686272	1686272	1686316	+	2	45	GTG	TAA	0	0	
mORF_+_1686318	1686318	1686332	+	3	15	GTG	TAG	0	0	
mORF_+_1686358	1686358	1686378	+	1	21	TTG	TGA	0	0	
mORF_+_1686362	1686362	1686463	+	2	102	GTG	TAA	0	0	
mORF_+_1686381	1686381	1686398	+	3	18	ATG	TGA	0	0	
mORF_+_1686391	1686391	1686561	+	1	171	TTG	TAA	0	0	
mORF_+_1686444	1686444	1686473	+	3	30	GTG	TAA	0	0	
mORF_+_1686522	1686522	1687775	+	3	1254	TTG	TAA	56	382	pORF_+_1686522
mORF_+_1686631	1686631	1686657	+	1	27	ATG	TGA	0	0	
mORF_+_1686667	1686667	1686783	+	1	117	ATG	TGA	0	0	
mORF_+_1686707	1686707	1686778	+	2	72	GTG	TGA	0	0	
mORF_+_1686784	1686784	1687017	+	1	234	TTG	TGA	0	0	
mORF_+_1686863	1686863	1686916	+	2	54	ATG	TGA	0	0	
mORF_+_1687027	1687027	1687035	+	1	9	TTG	TGA	0	0	
mORF_+_1687045	1687045	1687140	+	1	96	GTG	TAA	0	0	
mORF_+_1687174	1687174	1687206	+	1	33	GTG	TAA	0	0	
mORF_+_1687231	1687231	1687257	+	1	27	GTG	TAA	0	0	
mORF_+_1687238	1687238	1687264	+	2	27	GTG	TGA	0	0	
mORF_+_1687309	1687309	1687317	+	1	9	ATG	TGA	0	0	
mORF_+_1687420	1687420	1687431	+	1	12	GTG	TGA	0	0	
mORF_+_1687444	1687444	1687473	+	1	30	TTG	TGA	0	0	
mORF_+_1687525	1687525	1687728	+	1	204	GTG	TGA	0	0	
mORF_+_1687655	1687655	1687684	+	2	30	GTG	TAA	0	0	
mORF_+_1687756	1687756	1687827	+	1	72	GTG	TAA	0	0	
mORF_+_1687802	1687802	1687870	+	2	69	TTG	TAA	0	0	
mORF_+_1687863	1687863	1687883	+	3	21	ATG	TAA	0	0	
mORF_+_1687876	1687876	1689384	+	1	1509	ATG	TAA	90	690	pORF_+_1687876
mORF_+_1687907	1687907	1687918	+	2	12	TTG	TAG	0	0	
mORF_+_1687941	1687941	1687964	+	3	24	ATG	TGA	0	0	
mORF_+_1687961	1687961	1688014	+	2	54	TTG	TGA	0	0	
mORF_+_1688102	1688102	1688203	+	2	102	TTG	TGA	0	0	
mORF_+_1688121	1688121	1688129	+	3	9	GTG	TAA	0	0	
mORF_+_1688270	1688270	1688362	+	2	93	TTG	TGA	0	0	
mORF_+_1688378	1688378	1688416	+	2	39	ATG	TAA	0	0	
mORF_+_1688417	1688417	1688476	+	2	60	ATG	TAG	0	0	
mORF_+_1688558	1688558	1688572	+	2	15	TTG	TAG	0	0	
mORF_+_1688675	1688675	1688716	+	2	42	ATG	TAA	0	0	
mORF_+_1688780	1688780	1688890	+	2	111	TTG	TGA	0	0	
mORF_+_1688978	1688978	1688992	+	2	15	GTG	TGA	0	0	
mORF_+_1689083	1689083	1689094	+	2	12	ATG	TGA	0	0	
mORF_+_1689191	1689191	1689229	+	2	39	TTG	TGA	0	0	
mORF_+_1689269	1689269	1689286	+	2	18	ATG	TAA	0	0	
mORF_+_1689293	1689293	1689313	+	2	21	ATG	TAG	0	0	
mORF_+_1689320	1689320	1689454	+	2	135	TTG	TGA	0	0	
mORF_+_1689447	1689447	1689497	+	3	51	TTG	TGA	0	0	
mORF_+_1689454	1689454	1689549	+	1	96	ATG	TAA	0	0	
mORF_+_1689494	1689494	1689505	+	2	12	TTG	TGA	0	0	
mORF_+_1689510	1689510	1689515	+	3	6	TTG	TAG	0	0	
mORF_+_1689562	1689562	1689576	+	1	15	TTG	TGA	0	0	
mORF_+_1689733	1689733	1689738	+	1	6	TTG	TAA	0	0	
mORF_+_1689782	1689782	1689820	+	2	39	GTG	TAG	0	0	
mORF_+_1689837	1689837	1689854	+	3	18	GTG	TAA	0	0	
mORF_+_1689856	1689856	1689867	+	1	12	TTG	TAA	0	0	
mORF_+_1689875	1689875	1689940	+	2	66	TTG	TAG	0	0	
mORF_+_1689886	1689886	1689927	+	1	42	TTG	TAA	0	0	
mORF_+_1689927	1689927	1690043	+	3	117	ATG	TAA	0	0	
mORF_+_1689944	1689944	1689988	+	2	45	ATG	TAA	0	0	
mORF_+_1689976	1689976	1690083	+	1	108	ATG	TAA	0	0	
mORF_+_1690058	1690058	1690102	+	2	45	TTG	TAA	0	0	
mORF_+_1690148	1690148	1690177	+	2	30	ATG	TGA	0	0	
mORF_+_1690168	1690168	1690248	+	1	81	TTG	TAA	0	0	
mORF_+_1690178	1690178	1690216	+	2	39	TTG	TAG	0	0	

mORF_+_1690200	1690200	1690511	+	3	312	ATG	TAA	0	0
mORF_+_1690264	1690264	1690326	+	1	63	ATG	TGA	0	0
mORF_+_1690432	1690432	1690452	+	1	21	TTG	TAA	0	0
mORF_+_1690658	1690658	1690666	+	2	9	TTG	TAA	0	0
mORF_+_1690676	1690676	1690711	+	2	36	TTG	TAA	0	0
mORF_+_1690704	1690704	1690772	+	3	69	ATG	TGA	0	0
mORF_+_1690772	1690772	1690813	+	2	42	ATG	TAA	0	0
mORF_+_1690801	1690801	1690917	+	1	117	TTG	TAA	0	0
mORF_+_1690856	1690856	1690897	+	2	42	ATG	TGA	0	0
mORF_+_1690878	1690878	1690889	+	3	12	TTG	TGA	0	0
mORF_+_1690907	1690907	1690921	+	2	15	TTG	TAG	0	0
mORF_+_1690921	1690921	1691010	+	1	90	GTG	TAA	0	0
mORF_+_1690938	1690938	1691036	+	3	99	TTG	TAG	0	0
mORF_+_1691027	1691027	1691041	+	2	15	ATG	TAA	0	0
mORF_+_1691063	1691063	1691083	+	2	21	TTG	TAA	0	0
mORF_+_1691068	1691068	1691106	+	1	39	GTG	TGA	0	0
mORF_+_1691097	1691097	1691126	+	3	30	TTG	TAA	0	0
mORF_+_1691107	1691107	1691166	+	1	60	TTG	TGA	0	0
mORF_+_1691147	1691147	1691182	+	2	36	TTG	TAA	0	0
mORF_+_1691183	1691183	1691203	+	2	21	ATG	TGA	0	0
mORF_+_1691200	1691200	1691292	+	1	93	GTG	TGA	0	0
mORF_+_1691297	1691297	1691494	+	2	198	TTG	TGA	0	0
mORF_+_1691305	1691305	1691367	+	1	63	ATG	TAA	0	0
mORF_+_1691472	1691472	1691513	+	3	42	TTG	TAA	0	0
mORF_+_1691491	1691491	1691520	+	1	30	GTG	TAG	0	0
mORF_+_1691584	1691584	1691700	+	1	117	ATG	TAA	0	0
mORF_+_1691622	1691622	1691642	+	3	21	TTG	TGA	0	0
mORF_+_1691639	1691639	1691686	+	2	48	ATG	TGA	0	0
mORF_+_1691729	1691729	1691779	+	2	51	TTG	TAA	0	0
mORF_+_1691739	1691739	1691822	+	3	84	ATG	TGA	0	0
mORF_+_1691779	1691779	1691901	+	1	123	ATG	TAA	0	0
mORF_+_1691798	1691798	1691887	+	2	90	ATG	TAG	0	0
mORF_+_1691862	1691862	1691894	+	3	33	TTG	TGA	0	0
mORF_+_1691891	1691891	1692013	+	2	123	GTG	TGA	0	0
mORF_+_1691938	1691938	1691943	+	1	6	ATG	TAG	0	0
mORF_+_1691965	1691965	1692186	+	1	222	TTG	TAG	0	0
mORF_+_1691973	1691973	1692023	+	3	51	ATG	TAA	0	0
mORF_+_1692212	1692212	1692553	+	2	342	TTG	TGA	0	0
mORF_+_1692229	1692229	1692252	+	1	24	TTG	TAG	0	0
mORF_+_1692259	1692259	1692282	+	1	24	ATG	TGA	0	0
mORF_+_1692276	1692276	1692497	+	3	222	TTG	TGA	0	0
mORF_+_1692511	1692511	1692591	+	1	81	ATG	TGA	0	0
mORF_+_1692537	1692537	1692605	+	3	69	ATG	TGA	0	0
mORF_+_1692554	1692554	1692568	+	2	15	GTG	TAA	0	0
mORF_+_1692605	1692605	1692931	+	2	327	ATG	TAA	0	0
mORF_+_1692729	1692729	1692743	+	3	15	ATG	TGA	0	0
mORF_+_1692762	1692762	1692944	+	3	183	TTG	TGA	0	0
mORF_+_1692802	1692802	1692921	+	1	120	TTG	TAA	0	0
mORF_+_1692932	1692932	1693015	+	2	84	GTG	TAA	0	0
mORF_+_1692954	1692954	1693100	+	3	147	TTG	TAA	0	0
mORF_+_1693064	1693064	1693147	+	2	84	ATG	TAA	0	0
mORF_+_1693125	1693125	1693211	+	3	87	TTG	TGA	0	0
mORF_+_1693147	1693147	1693227	+	1	81	ATG	TAA	0	0
mORF_+_1693151	1693151	1693279	+	2	129	GTG	TGA	0	0
mORF_+_1693239	1693239	1693304	+	3	66	TTG	TAG	0	0
mORF_+_1693326	1693326	1693349	+	3	24	TTG	TAG	0	0
mORF_+_1693367	1693367	1693981	+	2	615	TTG	TAA	0	0
mORF_+_1693407	1693407	1693436	+	3	30	GTG	TGA	0	0
mORF_+_1693420	1693420	1693461	+	1	42	TTG	TGA	0	0
mORF_+_1693470	1693470	1693568	+	3	99	TTG	TAG	0	0
mORF_+_1693632	1693632	1693766	+	3	135	TTG	TAG	0	0
mORF_+_1693756	1693756	1693800	+	1	45	ATG	TGA	0	0
mORF_+_1693797	1693797	1693817	+	3	21	TTG	TAA	0	0

mORF_+_1693821	1693821	1693889	+	3	69	GTG	TGA	0	0
mORF_+_1693899	1693899	1693910	+	3	12	TTG	TAA	0	0
mORF_+_1693963	1693963	1694034	+	1	72	TTG	TGA	0	0
mORF_+_1694035	1694035	1694061	+	1	27	ATG	TGA	0	0
mORF_+_1694058	1694058	1694117	+	3	60	TTG	TAA	0	0
mORF_+_1694071	1694071	1694097	+	1	27	TTG	TAA	0	0
mORF_+_1694159	1694159	1694209	+	2	51	GTG	TAA	0	0
mORF_+_1694178	1694178	1694219	+	3	42	GTG	TGA	0	0
mORF_+_1694200	1694200	1694262	+	1	63	ATG	TGA	0	0
mORF_+_1694259	1694259	1694267	+	3	9	GTG	TAG	0	0
mORF_+_1694292	1694292	1694312	+	3	21	TTG	TAA	0	0
mORF_+_1694338	1694338	1694376	+	1	39	TTG	TGA	0	0
mORF_+_1694357	1694357	1694500	+	2	144	ATG	TAA	0	0
mORF_+_1694364	1694364	1694414	+	3	51	ATG	TAA	0	0
mORF_+_1694418	1694418	1694441	+	3	24	TTG	TGA	0	0
mORF_+_1694491	1694491	1694628	+	1	138	ATG	TGA	0	0
mORF_+_1694622	1694622	1694822	+	3	201	GTG	TAG	0	0
mORF_+_1694651	1694651	1694887	+	2	237	TTG	TAA	0	0
mORF_+_1694728	1694728	1694754	+	1	27	GTG	TAA	0	0
mORF_+_1694913	1694913	1694930	+	3	18	TTG	TGA	0	0
mORF_+_1694924	1694924	1695004	+	2	81	ATG	TGA	0	0
mORF_+_1694949	1694949	1694990	+	3	42	ATG	TGA	0	0
mORF_+_1695024	1695024	1695089	+	3	66	TTG	TAG	0	0
mORF_+_1695040	1695040	1695093	+	1	54	GTG	TAG	0	0
mORF_+_1695047	1695047	1695079	+	2	33	TTG	TAA	0	0
mORF_+_1695095	1695095	1695106	+	2	12	GTG	TAG	0	0
mORF_+_1695116	1695116	1695205	+	2	90	TTG	TAG	0	0
mORF_+_1695123	1695123	1695146	+	3	24	GTG	TGA	0	0
mORF_+_1695150	1695150	1695188	+	3	39	GTG	TGA	0	0
mORF_+_1695208	1695208	1695231	+	1	24	GTG	TAG	0	0
mORF_+_1695213	1695213	1695260	+	3	48	TTG	TAA	0	0
mORF_+_1695274	1695274	1695300	+	1	27	TTG	TAA	0	0
mORF_+_1695301	1695301	1695564	+	1	264	TTG	TGA	0	0
mORF_+_1695339	1695339	1695437	+	3	99	TTG	TAA	0	0
mORF_+_1695444	1695444	1695488	+	3	45	TTG	TAA	0	0
mORF_+_1695458	1695458	1695463	+	2	6	GTG	TAA	0	0
mORF_+_1695491	1695491	1695556	+	2	66	TTG	TGA	0	0
mORF_+_1695561	1695561	1695584	+	3	24	ATG	TGA	0	0
mORF_+_1695581	1695581	1695628	+	2	48	ATG	TAG	0	0
mORF_+_1695598	1695598	1695723	+	1	126	ATG	TAA	0	0
mORF_+_1695684	1695684	1695689	+	3	6	TTG	TGA	0	0
mORF_+_1695686	1695686	1695763	+	2	78	GTG	TAG	0	0
mORF_+_1695693	1695693	1696079	+	3	387	ATG	TGA	0	0
mORF_+_1695781	1695781	1695885	+	1	105	TTG	TGA	0	0
mORF_+_1695833	1695833	1695859	+	2	27	GTG	TAA	0	0
mORF_+_1695878	1695878	1695922	+	2	45	ATG	TAG	0	0
mORF_+_1695956	1695956	1695979	+	2	24	ATG	TAA	0	0
mORF_+_1695979	1695979	1696068	+	1	90	ATG	TAA	0	0
mORF_+_1696076	1696076	1696192	+	2	117	GTG	TGA	0	0
mORF_+_1696108	1696108	1696131	+	1	24	GTG	TAA	0	0
mORF_+_1696110	1696110	1696160	+	3	51	GTG	TAG	0	0
mORF_+_1696189	1696189	1696377	+	1	189	ATG	TAA	0	0
mORF_+_1696217	1696217	1696240	+	2	24	GTG	TGA	0	0
mORF_+_1696221	1696221	1696493	+	3	273	ATG	TAA	0	0
mORF_+_1696265	1696265	1696270	+	2	6	GTG	TGA	0	0
mORF_+_1696322	1696322	1696345	+	2	24	GTG	TAA	0	0
mORF_+_1696346	1696346	1696417	+	2	72	ATG	TGA	0	0
mORF_+_1696414	1696414	1696458	+	1	45	TTG	TAG	0	0
mORF_+_1696430	1696430	1696447	+	2	18	ATG	TAG	0	0
mORF_+_1696474	1696474	1696488	+	1	15	ATG	TGA	0	0
mORF_+_1696501	1696501	1696560	+	1	60	GTG	TGA	0	0
mORF_+_1696518	1696518	1696580	+	3	63	TTG	TAG	0	0
mORF_+_1696586	1696586	1696675	+	2	90	TTG	TGA	0	0

mORF+_1696632	1696632	1696859	+	3	228	TTG	TAA	0	0	
mORF+_1696666	1696666	1696743	+	1	78	TTG	TAA	0	0	
mORF+_1696694	1696694	1696774	+	2	81	GTG	TAG	0	0	
mORF+_1696862	1696862	1697008	+	2	147	GTG	TGA	0	0	
mORF+_1696902	1696902	1696985	+	3	84	GTG	TAA	0	0	
mORF+_1697005	1697005	1697178	+	1	174	ATG	TGA	0	0	
mORF+_1697016	1697016	1698971	+	3	1956	TTG	TAA	3	4	pORF+_1697016
mORF+_1697179	1697179	1697232	+	1	54	ATG	TGA	0	0	
mORF+_1697287	1697287	1697292	+	1	6	ATG	TGA	0	0	
mORF+_1697296	1697296	1697307	+	1	12	ATG	TAA	0	0	
mORF+_1697311	1697311	1697382	+	1	72	TTG	TGA	0	0	
mORF+_1697411	1697411	1697497	+	2	87	GTG	TAG	0	0	
mORF+_1697491	1697491	1697523	+	1	33	TTG	TAA	0	0	
mORF+_1697584	1697584	1697667	+	1	84	TTG	TAG	0	0	
mORF+_1697692	1697692	1697700	+	1	9	ATG	TAA	0	0	
mORF+_1697755	1697755	1697769	+	1	15	ATG	TGA	0	0	
mORF+_1697794	1697794	1697835	+	1	42	TTG	TGA	0	0	
mORF+_1697863	1697863	1697949	+	1	87	ATG	TGA	0	0	
mORF+_1697956	1697956	1697970	+	1	15	TTG	TGA	0	0	
mORF+_1698037	1698037	1698117	+	1	81	GTG	TAA	0	0	
mORF+_1698203	1698203	1698229	+	2	27	TTG	TGA	0	0	
mORF+_1698289	1698289	1698300	+	1	12	GTG	TAG	0	0	
mORF+_1698379	1698379	1698423	+	1	45	TTG	TAG	0	0	
mORF+_1698436	1698436	1698456	+	1	21	ATG	TAA	0	0	
mORF+_1698550	1698550	1698651	+	1	102	ATG	TGA	0	0	
mORF+_1698566	1698566	1698670	+	2	105	GTG	TAG	0	0	
mORF+_1698676	1698676	1698756	+	1	81	TTG	TAG	0	0	
mORF+_1698760	1698760	1698816	+	1	57	GTG	TGA	0	0	
mORF+_1698829	1698829	1698849	+	1	21	TTG	TGA	0	0	
mORF+_1698865	1698865	1698873	+	1	9	TTG	TAG	0	0	
mORF+_1698901	1698901	1698930	+	1	30	TTG	TAA	0	0	
mORF+_1698934	1698934	1698951	+	1	18	ATG	TGA	0	0	
mORF+_1698981	1698981	1700153	+	3	1173	ATG	TAA	3	12	pORF+_1698981
mORF+_1699012	1699012	1699131	+	1	120	ATG	TGA	0	0	
mORF+_1699019	1699019	1699048	+	2	30	ATG	TGA	0	0	
mORF+_1699156	1699156	1699290	+	1	135	TTG	TGA	0	0	
mORF+_1699298	1699298	1699306	+	2	9	GTG	TGA	0	0	
mORF+_1699312	1699312	1699326	+	1	15	GTG	TGA	0	0	
mORF+_1699342	1699342	1699386	+	1	45	ATG	TAA	0	0	
mORF+_1699393	1699393	1699401	+	1	9	TTG	TAG	0	0	
mORF+_1699414	1699414	1699665	+	1	252	ATG	TAA	0	0	
mORF+_1699418	1699418	1699471	+	2	54	TTG	TAA	0	0	
mORF+_1699484	1699484	1699489	+	2	6	GTG	TAG	0	0	
mORF+_1699514	1699514	1699528	+	2	15	GTG	TGA	0	0	
mORF+_1699550	1699550	1699585	+	2	36	GTG	TGA	0	0	
mORF+_1699604	1699604	1699636	+	2	33	TTG	TAA	0	0	
mORF+_1699705	1699705	1699722	+	1	18	GTG	TAG	0	0	
mORF+_1699741	1699741	1699761	+	1	21	ATG	TGA	0	0	
mORF+_1699768	1699768	1699803	+	1	36	GTG	TAA	0	0	
mORF+_1699838	1699838	1699873	+	2	36	GTG	TAA	0	0	
mORF+_1699846	1699846	1699866	+	1	21	ATG	TGA	0	0	
mORF+_1699952	1699952	1699960	+	2	9	ATG	TGA	0	0	
mORF+_1699957	1699957	1699974	+	1	18	TTG	TGA	0	0	
mORF+_1699978	1699978	1700127	+	1	150	TTG	TAA	0	0	
mORF+_1700160	1700160	1700219	+	3	60	TTG	TAA	0	0	
mORF+_1700180	1700180	1700260	+	2	81	TTG	TGA	0	0	
mORF+_1700257	1700257	1701258	+	1	1002	ATG	TAA	14	56	pORF+_1700257
mORF+_1700261	1700261	1700281	+	2	21	TTG	TAA	0	0	
mORF+_1700300	1700300	1700386	+	2	87	TTG	TGA	0	0	
mORF+_1700405	1700405	1700428	+	2	24	TTG	TGA	0	0	
mORF+_1700444	1700444	1700593	+	2	150	TTG	TAG	0	0	
mORF+_1700597	1700597	1700614	+	2	18	GTG	TGA	0	0	
mORF+_1700618	1700618	1700677	+	2	60	ATG	TGA	0	0	

mORF_+_1700634	1700634	1700738	+	3	105	TTG	TGA	0	0
mORF_+_1700735	1700735	1700761	+	2	27	GTG	TAG	0	0
mORF_+_1700765	1700765	1700926	+	2	162	GTG	TAA	0	0
mORF_+_1700933	1700933	1700950	+	2	18	TTG	TGA	0	0
mORF_+_1700975	1700975	1700995	+	2	21	TTG	TGA	0	0
mORF_+_1701056	1701056	1701427	+	2	372	TTG	TAG	0	0
mORF_+_1701267	1701267	1701419	+	3	153	ATG	TAG	0	0
mORF_+_1701316	1701316	1701405	+	1	90	ATG	TAA	0	0
mORF_+_1701570	1701570	1701665	+	3	96	GTG	TGA	0	0
mORF_+_1701610	1701610	1701630	+	1	21	ATG	TGA	0	0
mORF_+_1701647	1701647	1701682	+	2	36	ATG	TAG	0	0
mORF_+_1701655	1701655	1701660	+	1	6	GTG	TAA	0	0
mORF_+_1701675	1701675	1701755	+	3	81	GTG	TGA	0	0
mORF_+_1701689	1701689	1701703	+	2	15	ATG	TAA	0	0
mORF_+_1701694	1701694	1701729	+	1	36	GTG	TAA	0	0
mORF_+_1701749	1701749	1701784	+	2	36	ATG	TGA	0	0
mORF_+_1701793	1701793	1701804	+	1	12	ATG	TAA	0	0
mORF_+_1701795	1701795	1702043	+	3	249	GTG	TAA	0	0
mORF_+_1701880	1701880	1701927	+	1	48	ATG	TAA	0	0
mORF_+_1701967	1701967	1702029	+	1	63	ATG	TGA	0	0
mORF_+_1702063	1702063	1702095	+	1	33	ATG	TAA	0	0
mORF_+_1702088	1702088	1702294	+	2	207	TTG	TAA	0	0
mORF_+_1702102	1702102	1702350	+	1	249	ATG	TGA	0	0
mORF_+_1702116	1702116	1702121	+	3	6	GTG	TAG	0	0
mORF_+_1702188	1702188	1702430	+	3	243	TTG	TAA	0	0
mORF_+_1702319	1702319	1702357	+	2	39	ATG	TGA	0	0
mORF_+_1702354	1702354	1702368	+	1	15	ATG	TGA	0	0
mORF_+_1702420	1702420	1702473	+	1	54	ATG	TAA	0	0
mORF_+_1702500	1702500	1702700	+	3	201	TTG	TAA	0	0
mORF_+_1702565	1702565	1702591	+	2	27	GTG	TGA	0	0
mORF_+_1702588	1702588	1702596	+	1	9	TTG	TAA	0	0
mORF_+_1702601	1702601	1702654	+	2	54	TTG	TGA	0	0
mORF_+_1702612	1702612	1702764	+	1	153	TTG	TAA	0	0
mORF_+_1702710	1702710	1702814	+	3	105	TTG	TAG	0	0
mORF_+_1702712	1702712	1702801	+	2	90	GTG	TGA	0	0
mORF_+_1702789	1702789	1703052	+	1	264	ATG	TAA	0	0
mORF_+_1702802	1702802	1702855	+	2	54	TTG	TGA	0	0
mORF_+_1702860	1702860	1702913	+	3	54	TTG	TGA	0	0
mORF_+_1702883	1702883	1702888	+	2	6	TTG	TAA	0	0
mORF_+_1702907	1702907	1702930	+	2	24	TTG	TAA	0	0
mORF_+_1702962	1702962	1702976	+	3	15	ATG	TGA	0	0
mORF_+_1702973	1702973	1703188	+	2	216	ATG	TAA	0	0
mORF_+_1703094	1703094	1703210	+	3	117	GTG	TAA	0	0
mORF_+_1703242	1703242	1703277	+	1	36	TTG	TGA	0	0
mORF_+_1703250	1703250	1703714	+	3	465	TTG	TAA	0	0
mORF_+_1703299	1703299	1703337	+	1	39	TTG	TAG	0	0
mORF_+_1703444	1703444	1703515	+	2	72	ATG	TAA	0	0
mORF_+_1703525	1703525	1703536	+	2	12	TTG	TAA	0	0
mORF_+_1703527	1703527	1703580	+	1	54	GTG	TAA	0	0
mORF_+_1703608	1703608	1703616	+	1	9	ATG	TAG	0	0
mORF_+_1703701	1703701	1703706	+	1	6	TTG	TGA	0	0
mORF_+_1703734	1703734	1703754	+	1	21	TTG	TAA	0	0
mORF_+_1703791	1703791	1704372	+	1	582	ATG	TAA	0	0
mORF_+_1703813	1703813	1703935	+	2	123	TTG	TGA	0	0
mORF_+_1703952	1703952	1703993	+	3	42	TTG	TAA	0	0
mORF_+_1704032	1704032	1704157	+	2	126	TTG	TGA	0	0
mORF_+_1704263	1704263	1704313	+	2	51	TTG	TAA	0	0
mORF_+_1704353	1704353	1704364	+	2	12	GTG	TGA	0	0
mORF_+_1704372	1704372	1704950	+	3	579	ATG	TAA	0	0
mORF_+_1704376	1704376	1704405	+	1	30	ATG	TGA	0	0
mORF_+_1704424	1704424	1704615	+	1	192	TTG	TGA	0	0
mORF_+_1704515	1704515	1704571	+	2	57	GTG	TAA	0	0
mORF_+_1704590	1704590	1704640	+	2	51	TTG	TAA	0	0

mORF_+_1704625	1704625	1704681	+	1	57	TTG	TAA	0	0	
mORF_+_1704706	1704706	1704759	+	1	54	TTG	TAG	0	0	
mORF_+_1704737	1704737	1704805	+	2	69	ATG	TGA	0	0	
mORF_+_1704769	1704769	1704798	+	1	30	TTG	TAA	0	0	
mORF_+_1704802	1704802	1704906	+	1	105	GTG	TGA	0	0	
mORF_+_1704827	1704827	1704835	+	2	9	ATG	TGA	0	0	
mORF_+_1704839	1704839	1704886	+	2	48	GTG	TGA	0	0	
mORF_+_1704896	1704896	1705018	+	2	123	ATG	TGA	0	0	
mORF_+_1704943	1704943	1707165	+	1	2223	ATG	TAA	8	24	pORF_+_1704943
mORF_+_1705070	1705070	1705084	+	2	15	TTG	TGA	0	0	
mORF_+_1705094	1705094	1705252	+	2	159	TTG	TAG	0	0	
mORF_+_1705113	1705113	1705121	+	3	9	GTG	TAG	0	0	
mORF_+_1705271	1705271	1705348	+	2	78	TTG	TAA	0	0	
mORF_+_1705367	1705367	1705447	+	2	81	TTG	TGA	0	0	
mORF_+_1705464	1705464	1705490	+	3	27	GTG	TGA	0	0	
mORF_+_1705487	1705487	1705498	+	2	12	ATG	TGA	0	0	
mORF_+_1705506	1705506	1705583	+	3	78	TTG	TGA	0	0	
mORF_+_1705541	1705541	1705657	+	2	117	TTG	TGA	0	0	
mORF_+_1705682	1705682	1705696	+	2	15	GTG	TAA	0	0	
mORF_+_1705727	1705727	1705759	+	2	33	ATG	TAA	0	0	
mORF_+_1705781	1705781	1705789	+	2	9	ATG	TGA	0	0	
mORF_+_1705793	1705793	1705834	+	2	42	GTG	TAA	0	0	
mORF_+_1705910	1705910	1705948	+	2	39	ATG	TGA	0	0	
mORF_+_1705955	1705955	1705966	+	2	12	GTG	TAA	0	0	
mORF_+_1705983	1705983	1706042	+	3	60	ATG	TGA	0	0	
mORF_+_1705991	1705991	1706005	+	2	15	ATG	TAA	0	0	
mORF_+_1706039	1706039	1706443	+	2	405	ATG	TGA	0	0	
mORF_+_1706079	1706079	1706084	+	3	6	GTG	TAG	0	0	
mORF_+_1706187	1706187	1706195	+	3	9	TTG	TGA	0	0	
mORF_+_1706196	1706196	1706267	+	3	72	ATG	TGA	0	0	
mORF_+_1706474	1706474	1706479	+	2	6	TTG	TGA	0	0	
mORF_+_1706507	1706507	1707154	+	2	648	GTG	TAA	0	0	
mORF_+_1707166	1707166	1708224	+	1	1059	ATG	TAA	1	2	pORF_+_1707166
mORF_+_1707273	1707273	1707323	+	3	51	GTG	TAG	0	0	
mORF_+_1707281	1707281	1707334	+	2	54	TTG	TAG	0	0	
mORF_+_1707447	1707447	1707494	+	3	48	ATG	TAA	0	0	
mORF_+_1707476	1707476	1707484	+	2	9	TTG	TGA	0	0	
mORF_+_1707503	1707503	1707541	+	2	39	ATG	TGA	0	0	
mORF_+_1707542	1707542	1707562	+	2	21	TTG	TGA	0	0	
mORF_+_1707602	1707602	1707685	+	2	84	ATG	TGA	0	0	
mORF_+_1707704	1707704	1707835	+	2	132	TTG	TAA	0	0	
mORF_+_1707822	1707822	1708031	+	3	210	TTG	TGA	1	4	pORF_+_1707822
mORF_+_1708058	1708058	1708096	+	2	39	GTG	TAG	0	0	
mORF_+_1708142	1708142	1708177	+	2	36	TTG	TGA	0	0	
mORF_+_1708228	1708228	1708848	+	1	621	ATG	TAA	2	7	pORF_+_1708228
mORF_+_1708271	1708271	1708294	+	2	24	TTG	TAA	0	0	
mORF_+_1708328	1708328	1708426	+	2	99	TTG	TAA	0	0	
mORF_+_1708413	1708413	1708445	+	3	33	TTG	TAA	0	0	
mORF_+_1708448	1708448	1708492	+	2	45	GTG	TAG	0	0	
mORF_+_1708520	1708520	1708591	+	2	72	ATG	TGA	0	0	
mORF_+_1708616	1708616	1708708	+	2	93	TTG	TGA	0	0	
mORF_+_1708715	1708715	1708780	+	2	66	ATG	TAA	0	0	
mORF_+_1708838	1708838	1708855	+	2	18	GTG	TGA	0	0	
mORF_+_1708852	1708852	1709547	+	1	696	GTG	TGA	0	0	
mORF_+_1708874	1708874	1708975	+	2	102	TTG	TAG	0	0	
mORF_+_1708887	1708887	1708961	+	3	75	GTG	TAA	0	0	
mORF_+_1708979	1708979	1708999	+	2	21	TTG	TGA	0	0	
mORF_+_1709126	1709126	1709146	+	2	21	TTG	TAG	0	0	
mORF_+_1709165	1709165	1709347	+	2	183	TTG	TAG	0	0	
mORF_+_1709423	1709423	1709446	+	2	24	GTG	TGA	0	0	
mORF_+_1709468	1709468	1709482	+	2	15	TTG	TGA	0	0	
mORF_+_1709492	1709492	1709554	+	2	63	GTG	TAA	0	0	
mORF_+_1709547	1709547	1710182	+	3	636	ATG	TGA	3	6	pORF_+_1709547

mORF_+_1709587	1709587	1709646	+	1	60	GTG	TGA	0	0	
mORF_+_1709647	1709647	1709763	+	1	117	TTG	TGA	0	0	
mORF_+_1709782	1709782	1709898	+	1	117	TTG	TAG	0	0	
mORF_+_1709950	1709950	1710024	+	1	75	TTG	TAG	0	0	
mORF_+_1709978	1709978	1709983	+	2	6	TTG	TAA	0	0	
mORF_+_1710077	1710077	1710145	+	2	69	TTG	TGA	0	0	
mORF_+_1710109	1710109	1710195	+	1	87	TTG	TAA	0	0	
mORF_+_1710152	1710152	1710157	+	2	6	TTG	TGA	0	0	
mORF_+_1710210	1710210	1710272	+	3	63	TTG	TAG	0	0	
mORF_+_1710256	1710256	1710288	+	1	33	ATG	TAA	0	0	
mORF_+_1710294	1710294	1710320	+	3	27	TTG	TAA	0	0	
mORF_+_1710310	1710310	1710510	+	1	201	ATG	TAG	0	0	
mORF_+_1710321	1710321	1710332	+	3	12	TTG	TAA	0	0	
mORF_+_1710381	1710381	1710386	+	3	6	ATG	TAA	0	0	
mORF_+_1710392	1710392	1710409	+	2	18	TTG	TAA	0	0	
mORF_+_1710440	1710440	1710529	+	2	90	TTG	TAA	0	0	
mORF_+_1710548	1710548	1710556	+	2	9	GTG	TGA	0	0	
mORF_+_1710553	1710553	1710600	+	1	48	GTG	TAA	0	0	
mORF_+_1710578	1710578	1710619	+	2	42	TTG	TGA	0	0	
mORF_+_1710612	1710612	1710716	+	3	105	ATG	TAA	0	0	
mORF_+_1710616	1710616	1710669	+	1	54	TTG	TGA	0	0	
mORF_+_1710638	1710638	1710643	+	2	6	ATG	TAA	0	0	
mORF_+_1710662	1710662	1710682	+	2	21	TTG	TAG	0	0	
mORF_+_1710682	1710682	1710744	+	1	63	GTG	TAA	0	0	
mORF_+_1710720	1710720	1710821	+	3	102	TTG	TGA	0	0	
mORF_+_1710728	1710728	1710766	+	2	39	ATG	TAA	0	0	
mORF_+_1710773	1710773	1710778	+	2	6	ATG	TAA	0	0	
mORF_+_1710793	1710793	1712295	+	1	1503	GTG	TAA	1	5	pORF_+_1710793
mORF_+_1710878	1710878	1711033	+	2	156	TTG	TAG	0	0	
mORF_+_1710885	1710885	1710941	+	3	57	ATG	TAA	0	0	
mORF_+_1711034	1711034	1711063	+	2	30	GTG	TAA	0	0	
mORF_+_1711079	1711079	1711294	+	2	216	TTG	TGA	0	0	
mORF_+_1711209	1711209	1711217	+	3	9	ATG	TGA	0	0	
mORF_+_1711295	1711295	1711348	+	2	54	TTG	TGA	0	0	
mORF_+_1711305	1711305	1711379	+	3	75	GTG	TAA	0	0	
mORF_+_1711352	1711352	1711357	+	2	6	TTG	TAG	0	0	
mORF_+_1711469	1711469	1711486	+	2	18	TTG	TGA	0	0	
mORF_+_1711523	1711523	1711594	+	2	72	TTG	TGA	0	0	
mORF_+_1711598	1711598	1711618	+	2	21	GTG	TGA	0	0	
mORF_+_1711622	1711622	1711636	+	2	15	TTG	TGA	0	0	
mORF_+_1711697	1711697	1711741	+	2	45	TTG	TAG	0	0	
mORF_+_1711850	1711850	1711867	+	2	18	TTG	TGA	0	0	
mORF_+_1711869	1711869	1711919	+	3	51	GTG	TGA	0	0	
mORF_+_1711877	1711877	1711888	+	2	12	GTG	TGA	0	0	
mORF_+_1711901	1711901	1711939	+	2	39	GTG	TAA	0	0	
mORF_+_1711958	1711958	1711984	+	2	27	ATG	TGA	0	0	
mORF_+_1712012	1712012	1712038	+	2	27	TTG	TGA	0	0	
mORF_+_1712078	1712078	1712089	+	2	12	GTG	TGA	0	0	
mORF_+_1712090	1712090	1712113	+	2	24	TTG	TGA	0	0	
mORF_+_1712162	1712162	1712215	+	2	54	ATG	TGA	0	0	
mORF_+_1712255	1712255	1712290	+	2	36	ATG	TAG	0	0	
mORF_+_1712349	1712349	1712459	+	3	111	TTG	TGA	0	0	
mORF_+_1712401	1712401	1713006	+	1	606	ATG	TAA	38	579	pORF_+_1712401
mORF_+_1712423	1712423	1712497	+	2	75	GTG	TAA	0	0	
mORF_+_1712519	1712519	1712590	+	2	72	GTG	TGA	0	0	
mORF_+_1712618	1712618	1712659	+	2	42	TTG	TAA	0	0	
mORF_+_1712688	1712688	1712720	+	3	33	ATG	TAA	0	0	
mORF_+_1712804	1712804	1712809	+	2	6	ATG	TGA	0	0	
mORF_+_1712825	1712825	1712905	+	2	81	ATG	TGA	0	0	
mORF_+_1712933	1712933	1713001	+	2	69	TTG	TAA	0	0	
mORF_+_1713028	1713028	1713069	+	1	42	TTG	TGA	0	0	
mORF_+_1713030	1713030	1713074	+	3	45	GTG	TAA	0	0	
mORF_+_1713074	1713074	1713229	+	2	156	ATG	TAA	0	0	

mORF_+_1713084	1713084	1713101	+	3	18	TTG	TGA	0	0
mORF_+_1713133	1713133	1713153	+	1	21	TTG	TGA	0	0
mORF_+_1713138	1713138	1713161	+	3	24	TTG	TAG	0	0
mORF_+_1713199	1713199	1713294	+	1	96	TTG	TGA	0	0
mORF_+_1713296	1713296	1713676	+	2	381	ATG	TAA	0	0
mORF_+_1713315	1713315	1713350	+	3	36	GTG	TAG	0	0
mORF_+_1713385	1713385	1713402	+	1	18	GTG	TGA	0	0
mORF_+_1713399	1713399	1713521	+	3	123	ATG	TGA	0	0
mORF_+_1713478	1713478	1713489	+	1	12	TTG	TGA	0	0
mORF_+_1713538	1713538	1713789	+	1	252	GTG	TAG	0	0
mORF_+_1713690	1713690	1713785	+	3	96	GTG	TGA	0	0
mORF_+_1713692	1713692	1713697	+	2	6	GTG	TAA	0	0
mORF_+_1713719	1713719	1713736	+	2	18	TTG	TAA	0	0
mORF_+_1713737	1713737	1713967	+	2	231	ATG	TAA	0	0
mORF_+_1713801	1713801	1713869	+	3	69	GTG	TGA	0	0
mORF_+_1713912	1713912	1713926	+	3	15	ATG	TAA	0	0
mORF_+_1713939	1713939	1714019	+	3	81	GTG	TAA	0	0
mORF_+_1713967	1713967	1713996	+	1	30	ATG	TAA	0	0
mORF_+_1714090	1714090	1714128	+	1	39	ATG	TGA	0	0
mORF_+_1714121	1714121	1714264	+	2	144	GTG	TGA	0	0
mORF_+_1714140	1714140	1714298	+	3	159	TTG	TAA	0	0
mORF_+_1714286	1714286	1714399	+	2	114	TTG	TGA	0	0
mORF_+_1714311	1714311	1715081	+	3	771	GTG	TAA	0	0
mORF_+_1714396	1714396	1714443	+	1	48	TTG	TAA	0	0
mORF_+_1714459	1714459	1714479	+	1	21	GTG	TAG	0	0
mORF_+_1714483	1714483	1714593	+	1	111	TTG	TGA	0	0
mORF_+_1714630	1714630	1714707	+	1	78	GTG	TAA	0	0
mORF_+_1714720	1714720	1714725	+	1	6	TTG	TAG	0	0
mORF_+_1714735	1714735	1714752	+	1	18	GTG	TGA	0	0
mORF_+_1714762	1714762	1714869	+	1	108	TTG	TAG	0	0
mORF_+_1714870	1714870	1714956	+	1	87	TTG	TGA	0	0
mORF_+_1714969	1714969	1715139	+	1	171	GTG	TAG	0	0
mORF_+_1715084	1715084	1715122	+	2	39	ATG	TAG	0	0
mORF_+_1715094	1715094	1715174	+	3	81	ATG	TAA	0	0
mORF_+_1715214	1715214	1715324	+	3	111	TTG	TAA	0	0
mORF_+_1715240	1715240	1715266	+	2	27	TTG	TAA	0	0
mORF_+_1715257	1715257	1715319	+	1	63	ATG	TAG	0	0
mORF_+_1715303	1715303	1715824	+	2	522	ATG	TAA	0	0
mORF_+_1715326	1715326	1715484	+	1	159	GTG	TGA	0	0
mORF_+_1715512	1715512	1715736	+	1	225	ATG	TAA	0	0
mORF_+_1715583	1715583	1715642	+	3	60	ATG	TGA	0	0
mORF_+_1715761	1715761	1715820	+	1	60	GTG	TGA	0	0
mORF_+_1715781	1715781	1715789	+	3	9	TTG	TAA	0	0
mORF_+_1715796	1715796	1715813	+	3	18	ATG	TAA	0	0
mORF_+_1715817	1715817	1715837	+	3	21	TTG	TGA	0	0
mORF_+_1715849	1715849	1715938	+	2	90	ATG	TAA	0	0
mORF_+_1715895	1715895	1715912	+	3	18	TTG	TGA	0	0
mORF_+_1715938	1715938	1716060	+	1	123	ATG	TGA	0	0
mORF_+_1715976	1715976	1716110	+	3	135	TTG	TAA	0	0
mORF_+_1715996	1715996	1716229	+	2	234	ATG	TGA	0	0
mORF_+_1716130	1716130	1716147	+	1	18	ATG	TAG	0	0
mORF_+_1716193	1716193	1716198	+	1	6	GTG	TAA	0	0
mORF_+_1716217	1716217	1716243	+	1	27	ATG	TGA	0	0
mORF_+_1716231	1716231	1716239	+	3	9	ATG	TAG	0	0
mORF_+_1716240	1716240	1716401	+	3	162	TTG	TAA	0	0
mORF_+_1716286	1716286	1716354	+	1	69	TTG	TGA	0	0
mORF_+_1716391	1716391	1716594	+	1	204	ATG	TAA	0	0
mORF_+_1716473	1716473	1716478	+	2	6	GTG	TAA	0	0
mORF_+_1716561	1716561	1716572	+	3	12	TTG	TGA	0	0
mORF_+_1716569	1716569	1716886	+	2	318	GTG	TAG	0	0
mORF_+_1716633	1716633	1716656	+	3	24	ATG	TAA	0	0
mORF_+_1716699	1716699	1716719	+	3	21	ATG	TGA	0	0
mORF_+_1716784	1716784	1717104	+	1	321	TTG	TGA	0	0

mORF_+_1716819	1716819	1716890	+	3	72	GTG	TAA	0	0	
mORF_+_1716905	1716905	1717009	+	2	105	GTG	TAA	0	0	
mORF_+_1716915	1716915	1716944	+	3	30	GTG	TGA	0	0	
mORF_+_1716960	1716960	1716971	+	3	12	GTG	TAA	0	0	
mORF_+_1716984	1716984	1717097	+	3	114	GTG	TGA	0	0	
mORF_+_1717049	1717049	1717072	+	2	24	ATG	TAG	0	0	
mORF_+_1717094	1717094	1717156	+	2	63	ATG	TGA	0	0	
mORF_+_1717101	1717101	1717130	+	3	30	GTG	TGA	0	0	
mORF_+_1717149	1717149	1717247	+	3	99	TTG	TAA	0	0	
mORF_+_1717153	1717153	1717290	+	1	138	GTG	TAA	0	0	
mORF_+_1717253	1717253	1717270	+	2	18	GTG	TGA	0	0	
mORF_+_1717257	1717257	1717385	+	3	129	GTG	TAA	0	0	
mORF_+_1717271	1717271	1717333	+	2	63	TTG	TGA	0	0	
mORF_+_1717294	1717294	1717596	+	1	303	GTG	TGA	0	0	
mORF_+_1717394	1717394	1717426	+	2	33	TTG	TGA	0	0	
mORF_+_1717452	1717452	1717457	+	3	6	GTG	TAA	0	0	
mORF_+_1717524	1717524	1717601	+	3	78	TTG	TAA	0	0	
mORF_+_1717589	1717589	1717648	+	2	60	GTG	TGA	0	0	
mORF_+_1717652	1717652	1717672	+	2	21	TTG	TAA	0	0	
mORF_+_1717680	1717680	1717793	+	3	114	GTG	TGA	0	0	
mORF_+_1717696	1717696	1717719	+	1	24	ATG	TAG	0	0	
mORF_+_1717750	1717750	1717776	+	1	27	ATG	TGA	0	0	
mORF_+_1717754	1717754	1717768	+	2	15	ATG	TAA	0	0	
mORF_+_1717769	1717769	1717903	+	2	135	TTG	TGA	0	0	
mORF_+_1717795	1717795	1717884	+	1	90	TTG	TGA	0	0	
mORF_+_1717815	1717815	1717820	+	3	6	ATG	TAA	0	0	
mORF_+_1717860	1717860	1717907	+	3	48	ATG	TAA	0	0	
mORF_+_1717900	1717900	1718367	+	1	468	ATG	TAA	24	546	pORF_+_1717900
mORF_+_1717919	1717919	1717933	+	2	15	TTG	TAG	0	0	
mORF_+_1717943	1717943	1718191	+	2	249	TTG	TAG	0	0	
mORF_+_1717950	1717950	1717958	+	3	9	TTG	TAA	0	0	
mORF_+_1718210	1718210	1718218	+	2	9	GTG	TGA	0	0	
mORF_+_1718231	1718231	1718350	+	2	120	GTG	TGA	0	0	
mORF_+_1718374	1718374	1718439	+	1	66	TTG	TGA	0	0	
mORF_+_1718378	1718378	1718395	+	2	18	GTG	TGA	0	0	
mORF_+_1718421	1718421	1718615	+	3	195	TTG	TGA	0	0	
mORF_+_1718444	1718444	1718506	+	2	63	ATG	TAA	0	0	
mORF_+_1718455	1718455	1718463	+	1	9	TTG	TGA	0	0	
mORF_+_1718612	1718612	1718626	+	2	15	TTG	TAA	0	0	
mORF_+_1718642	1718642	1718665	+	2	24	TTG	TGA	0	0	
mORF_+_1718662	1718662	1718745	+	1	84	GTG	TAA	0	0	
mORF_+_1718676	1718676	1718699	+	3	24	ATG	TGA	0	0	
mORF_+_1718696	1718696	1718722	+	2	27	TTG	TAA	0	0	
mORF_+_1718726	1718726	1718740	+	2	15	ATG	TAA	0	0	
mORF_+_1718733	1718733	1718864	+	3	132	TTG	TAA	0	0	
mORF_+_1718750	1718750	1718764	+	2	15	ATG	TAA	0	0	
mORF_+_1718758	1718758	1718868	+	1	111	GTG	TAG	0	0	
mORF_+_1718783	1718783	1718836	+	2	54	ATG	TAG	0	0	
mORF_+_1718870	1718870	1719010	+	2	141	TTG	TAA	0	0	
mORF_+_1718883	1718883	1718900	+	3	18	ATG	TAG	0	0	
mORF_+_1718902	1718902	1718922	+	1	21	GTG	TAA	0	0	
mORF_+_1718916	1718916	1718981	+	3	66	TTG	TAA	0	0	
mORF_+_1719047	1719047	1719052	+	2	6	TTG	TGA	0	0	
mORF_+_1719049	1719049	1719285	+	1	237	GTG	TAA	0	0	
mORF_+_1719065	1719065	1719223	+	2	159	ATG	TAA	0	0	
mORF_+_1719239	1719239	1719274	+	2	36	TTG	TGA	0	0	
mORF_+_1719246	1719246	1720145	+	3	900	TTG	TAA	0	0	
mORF_+_1719275	1719275	1719298	+	2	24	TTG	TAA	0	0	
mORF_+_1719325	1719325	1719330	+	1	6	TTG	TAG	0	0	
mORF_+_1719337	1719337	1719462	+	1	126	TTG	TGA	0	0	
mORF_+_1719353	1719353	1719457	+	2	105	ATG	TGA	0	0	
mORF_+_1719667	1719667	1719714	+	1	48	ATG	TGA	0	0	
mORF_+_1719725	1719725	1719778	+	2	54	ATG	TAA	0	0	

mORF_+_1719763	1719763	1719774	+	1	12	GTG	TGA	0	0	
mORF_+_1719826	1719826	1720137	+	1	312	TTG	TAG	0	0	
mORF_+_1720145	1720145	1722157	+	2	2013	ATG	TAA	1	6	pORF_+_1720145
mORF_+_1720159	1720159	1720278	+	1	120	ATG	TGA	0	0	
mORF_+_1720212	1720212	1720250	+	3	39	ATG	TGA	0	0	
mORF_+_1720254	1720254	1720268	+	3	15	TTG	TAA	0	0	
mORF_+_1720275	1720275	1720295	+	3	21	ATG	TGA	0	0	
mORF_+_1720285	1720285	1720314	+	1	30	TTG	TAG	0	0	
mORF_+_1720326	1720326	1720439	+	3	114	TTG	TGA	0	0	
mORF_+_1720423	1720423	1720494	+	1	72	GTG	TAA	0	0	
mORF_+_1720455	1720455	1720613	+	3	159	TTG	TAA	0	0	
mORF_+_1720579	1720579	1720746	+	1	168	GTG	TGA	0	0	
mORF_+_1720668	1720668	1720685	+	3	18	ATG	TAA	0	0	
mORF_+_1720722	1720722	1720784	+	3	63	ATG	TGA	0	0	
mORF_+_1720785	1720785	1720799	+	3	15	TTG	TGA	0	0	
mORF_+_1720869	1720869	1720898	+	3	30	ATG	TGA	0	0	
mORF_+_1720902	1720902	1720985	+	3	84	GTG	TGA	0	0	
mORF_+_1721010	1721010	1721159	+	3	150	ATG	TAG	0	0	
mORF_+_1721104	1721104	1721127	+	1	24	TTG	TAG	0	0	
mORF_+_1721160	1721160	1721255	+	3	96	ATG	TGA	0	0	
mORF_+_1721224	1721224	1721328	+	1	105	GTG	TAG	0	0	
mORF_+_1721262	1721262	1721312	+	3	51	TTG	TAA	0	0	
mORF_+_1721415	1721415	1721435	+	3	21	TTG	TGA	0	0	
mORF_+_1721455	1721455	1721508	+	1	54	GTG	TAA	0	0	
mORF_+_1721526	1721526	1721549	+	3	24	TTG	TGA	0	0	
mORF_+_1721536	1721536	1721583	+	1	48	GTG	TAA	0	0	
mORF_+_1721550	1721550	1721660	+	3	111	TTG	TAG	0	0	
mORF_+_1721653	1721653	1721697	+	1	45	GTG	TAA	0	0	
mORF_+_1721688	1721688	1721747	+	3	60	ATG	TAA	0	0	
mORF_+_1721766	1721766	1721813	+	3	48	GTG	TGA	0	0	
mORF_+_1721826	1721826	1721864	+	3	39	ATG	TAG	0	0	
mORF_+_1721842	1721842	1721946	+	1	105	TTG	TAA	0	0	
mORF_+_1721883	1721883	1721972	+	3	90	ATG	TGA	0	0	
mORF_+_1721976	1721976	1722182	+	3	207	GTG	TAG	0	0	
mORF_+_1722034	1722034	1722075	+	1	42	TTG	TGA	0	0	
mORF_+_1722212	1722212	1722277	+	2	66	TTG	TGA	0	0	
mORF_+_1722255	1722255	1722476	+	3	222	TTG	TGA	0	0	
mORF_+_1722274	1722274	1722297	+	1	24	GTG	TGA	0	0	
mORF_+_1722334	1722334	1722552	+	1	219	GTG	TAA	0	0	
mORF_+_1722353	1722353	1722505	+	2	153	ATG	TAA	0	0	
mORF_+_1722552	1722552	1722707	+	3	156	ATG	TGA	0	0	
mORF_+_1722568	1722568	1722594	+	1	27	TTG	TGA	0	0	
mORF_+_1722584	1722584	1722736	+	2	153	TTG	TGA	0	0	
mORF_+_1722628	1722628	1722660	+	1	33	GTG	TAG	0	0	
mORF_+_1722694	1722694	1722711	+	1	18	TTG	TAA	0	0	
mORF_+_1722712	1722712	1722717	+	1	6	GTG	TAA	0	0	
mORF_+_1722733	1722733	1722753	+	1	21	TTG	TAA	0	0	
mORF_+_1722756	1722756	1722878	+	3	123	GTG	TAA	0	0	
mORF_+_1722805	1722805	1722870	+	1	66	TTG	TGA	0	0	
mORF_+_1722879	1722879	1723004	+	3	126	TTG	TAA	0	0	
mORF_+_1723054	1723054	1723062	+	1	9	TTG	TAG	0	0	
mORF_+_1723063	1723063	1723089	+	1	27	TTG	TAA	0	0	
mORF_+_1723073	1723073	1723096	+	2	24	GTG	TGA	0	0	
mORF_+_1723096	1723096	1723149	+	1	54	ATG	TGA	0	0	
mORF_+_1723124	1723124	1723198	+	2	75	GTG	TGA	0	0	
mORF_+_1723146	1723146	1723178	+	3	33	GTG	TAA	0	0	
mORF_+_1723150	1723150	1723260	+	1	111	TTG	TAA	0	0	
mORF_+_1723205	1723205	1723216	+	2	12	TTG	TGA	0	0	
mORF_+_1723226	1723226	1723297	+	2	72	TTG	TGA	0	0	
mORF_+_1723273	1723273	1723281	+	1	9	GTG	TAA	0	0	
mORF_+_1723294	1723294	1723317	+	1	24	ATG	TAG	0	0	
mORF_+_1723337	1723337	1723345	+	2	9	ATG	TGA	0	0	
mORF_+_1723342	1723342	1723716	+	1	375	GTG	TGA	0	0	

mORF_+_1723355	1723355	1723363	+	2	9	GTG	TAA	0	0	
mORF_+_1723370	1723370	1723441	+	2	72	ATG	TGA	0	0	
mORF_+_1723443	1723443	1723547	+	3	105	GTG	TAA	0	0	
mORF_+_1723514	1723514	1723597	+	2	84	GTG	TAG	0	0	
mORF_+_1723713	1723713	1723835	+	3	123	GTG	TAA	0	0	
mORF_+_1723720	1723720	1723737	+	1	18	TTG	TGA	0	0	
mORF_+_1723763	1723763	1724050	+	2	288	TTG	TGA	0	0	
mORF_+_1723801	1723801	1723932	+	1	132	TTG	TAA	0	0	
mORF_+_1723933	1723933	1723962	+	1	30	TTG	TAA	0	0	
mORF_+_1723977	1723977	1724069	+	3	93	TTG	TGA	0	0	
mORF_+_1724011	1724011	1724019	+	1	9	TTG	TAG	0	0	
mORF_+_1724047	1724047	1724646	+	1	600	ATG	TAG	0	0	
mORF_+_1724066	1724066	1724140	+	2	75	ATG	TAA	0	0	
mORF_+_1724106	1724106	1724162	+	3	57	TTG	TGA	0	0	
mORF_+_1724210	1724210	1724260	+	2	51	TTG	TGA	0	0	
mORF_+_1724337	1724337	1724429	+	3	93	TTG	TAA	0	0	
mORF_+_1724345	1724345	1724368	+	2	24	ATG	TGA	0	0	
mORF_+_1724432	1724432	1724446	+	2	15	GTG	TGA	0	0	
mORF_+_1724474	1724474	1724497	+	2	24	ATG	TAA	0	0	
mORF_+_1724490	1724490	1724693	+	3	204	TTG	TGA	0	0	
mORF_+_1724504	1724504	1724617	+	2	114	GTG	TAA	0	0	
mORF_+_1724627	1724627	1724713	+	2	87	TTG	TGA	0	0	
mORF_+_1724683	1724683	1725780	+	1	1098	ATG	TAA	22	87	pORF_+_1724683
mORF_+_1724777	1724777	1724806	+	2	30	TTG	TGA	0	0	
mORF_+_1724828	1724828	1724845	+	2	18	GTG	TGA	0	0	
mORF_+_1724852	1724852	1725046	+	2	195	GTG	TAG	0	0	
mORF_+_1724931	1724931	1724963	+	3	33	ATG	TGA	0	0	
mORF_+_1724988	1724988	1725062	+	3	75	GTG	TAG	0	0	
mORF_+_1725089	1725089	1725220	+	2	132	ATG	TAG	0	0	
mORF_+_1725341	1725341	1725454	+	2	114	ATG	TGA	0	0	
mORF_+_1725357	1725357	1725419	+	3	63	ATG	TAA	0	0	
mORF_+_1725455	1725455	1725601	+	2	147	TTG	TAG	0	0	
mORF_+_1725507	1725507	1725521	+	3	15	TTG	TGA	0	0	
mORF_+_1725635	1725635	1725802	+	2	168	TTG	TAA	0	0	
mORF_+_1725829	1725829	1725939	+	1	111	TTG	TGA	0	0	
mORF_+_1725861	1725861	1726268	+	3	408	ATG	TAA	11	94	pORF_+_1725861
mORF_+_1725988	1725988	1726023	+	1	36	TTG	TGA	0	0	
mORF_+_1726024	1726024	1726032	+	1	9	TTG	TGA	0	0	
mORF_+_1726075	1726075	1726098	+	1	24	ATG	TAG	0	0	
mORF_+_1726115	1726115	1726144	+	2	30	GTG	TAA	0	0	
mORF_+_1726153	1726153	1726170	+	1	18	GTG	TAA	0	0	
mORF_+_1726195	1726195	1726230	+	1	36	TTG	TAA	0	0	
mORF_+_1726282	1726282	1726323	+	1	42	GTG	TAA	0	0	
mORF_+_1726327	1726327	1726335	+	1	9	TTG	TAA	0	0	
mORF_+_1726335	1726335	1726361	+	3	27	ATG	TAA	0	0	
mORF_+_1726371	1726371	1727018	+	3	648	ATG	TAA	6	14	pORF_+_1726371
mORF_+_1726400	1726400	1726444	+	2	45	GTG	TGA	0	0	
mORF_+_1726414	1726414	1726434	+	1	21	GTG	TGA	0	0	
mORF_+_1726438	1726438	1726503	+	1	66	ATG	TGA	0	0	
mORF_+_1726510	1726510	1726527	+	1	18	ATG	TGA	0	0	
mORF_+_1726564	1726564	1726758	+	1	195	TTG	TGA	0	0	
mORF_+_1726816	1726816	1727034	+	1	219	TTG	TGA	0	0	
mORF_+_1726871	1726871	1726957	+	2	87	TTG	TGA	0	0	
mORF_+_1727027	1727027	1727047	+	2	21	ATG	TGA	0	0	
mORF_+_1727034	1727034	1727105	+	3	72	ATG	TAG	0	0	
mORF_+_1727044	1727044	1727121	+	1	78	ATG	TAA	0	0	
mORF_+_1727111	1727111	1731727	+	2	4617	ATG	TAG	0	0	
mORF_+_1727226	1727226	1727258	+	3	33	ATG	TGA	0	0	
mORF_+_1727259	1727259	1727393	+	3	135	TTG	TAA	0	0	
mORF_+_1727445	1727445	1727495	+	3	51	TTG	TAG	0	0	
mORF_+_1727643	1727643	1727663	+	3	21	TTG	TAG	0	0	
mORF_+_1727676	1727676	1727696	+	3	21	GTG	TAA	0	0	
mORF_+_1727712	1727712	1727816	+	3	105	ATG	TAG	0	0	

mORF_+_1727853	1727853	1728035	+	3	183	TTG	TGA	0	0	
mORF_+_1728048	1728048	1728224	+	3	177	ATG	TGA	0	0	
mORF_+_1728231	1728231	1728302	+	3	72	GTG	TGA	0	0	
mORF_+_1728327	1728327	1728419	+	3	93	TTG	TAG	0	0	
mORF_+_1728435	1728435	1728440	+	3	6	TTG	TAG	0	0	
mORF_+_1728442	1728442	1728486	+	1	45	GTG	TAA	0	0	
mORF_+_1728501	1728501	1728548	+	3	48	TTG	TAG	0	0	
mORF_+_1728553	1728553	1728612	+	1	60	ATG	TGA	0	0	
mORF_+_1728573	1728573	1728707	+	3	135	GTG	TGA	0	0	
mORF_+_1728765	1728765	1728863	+	3	99	GTG	TGA	0	0	
mORF_+_1728892	1728892	1728978	+	1	87	ATG	TGA	0	0	
mORF_+_1728927	1728927	1728932	+	3	6	TTG	TGA	0	0	
mORF_+_1728972	1728972	1729004	+	3	33	GTG	TAG	0	0	
mORF_+_1729041	1729041	1729115	+	3	75	ATG	TGA	0	0	
mORF_+_1729072	1729072	1729119	+	1	48	GTG	TGA	0	0	
mORF_+_1729116	1729116	1729421	+	3	306	TTG	TAG	0	0	
mORF_+_1729177	1729177	1729185	+	1	9	GTG	TGA	0	0	
mORF_+_1729282	1729282	1729293	+	1	12	ATG	TGA	0	0	
mORF_+_1729456	1729456	1729620	+	1	165	ATG	TGA	0	0	
mORF_+_1729611	1729611	1729643	+	3	33	ATG	TGA	0	0	
mORF_+_1729659	1729659	1729685	+	3	27	GTG	TAA	0	0	
mORF_+_1729731	1729731	1729964	+	3	234	ATG	TGA	0	0	
mORF_+_1729968	1729968	1730042	+	3	75	TTG	TAA	0	0	
mORF_+_1730082	1730082	1730312	+	3	231	TTG	TGA	0	0	
mORF_+_1730343	1730343	1730519	+	3	177	ATG	TAG	0	0	
mORF_+_1730520	1730520	1730528	+	3	9	ATG	TGA	0	0	
mORF_+_1730547	1730547	1730789	+	3	243	TTG	TAG	0	0	
mORF_+_1730820	1730820	1731110	+	3	291	TTG	TAA	0	0	
mORF_+_1730896	1730896	1731306	+	1	411	ATG	TGA	1	3	pORF_+_1730896
mORF_+_1731273	1731273	1731278	+	3	6	TTG	TAG	0	0	
mORF_+_1731288	1731288	1731314	+	3	27	GTG	TGA	0	0	
mORF_+_1731318	1731318	1731587	+	3	270	TTG	TGA	0	0	
mORF_+_1731406	1731406	1731642	+	1	237	GTG	TGA	0	0	
mORF_+_1731639	1731639	1731812	+	3	174	ATG	TAG	0	0	
mORF_+_1731718	1731718	1732056	+	1	339	TTG	TGA	0	0	
mORF_+_1731743	1731743	1731853	+	2	111	ATG	TGA	0	0	
mORF_+_1731953	1731953	1731982	+	2	30	ATG	TAG	0	0	
mORF_+_1731999	1731999	1732115	+	3	117	ATG	TAG	0	0	
mORF_+_1732064	1732064	1732159	+	2	96	ATG	TAA	0	0	
mORF_+_1732099	1732099	1732164	+	1	66	TTG	TGA	0	0	
mORF_+_1732125	1732125	1732172	+	3	48	TTG	TAG	0	0	
mORF_+_1732180	1732180	1732272	+	1	93	GTG	TGA	0	0	
mORF_+_1732215	1732215	1732307	+	3	93	TTG	TAG	0	0	
mORF_+_1732327	1732327	1732356	+	1	30	TTG	TAA	0	0	
mORF_+_1732387	1732387	1732395	+	1	9	ATG	TAG	0	0	
mORF_+_1732408	1732408	1732413	+	1	6	TTG	TAA	0	0	
mORF_+_1732427	1732427	1732471	+	2	45	ATG	TAA	0	0	
mORF_+_1732459	1732459	1733274	+	1	816	GTG	TAA	0	0	
mORF_+_1732493	1732493	1732522	+	2	30	GTG	TAA	0	0	
mORF_+_1732535	1732535	1732816	+	2	282	ATG	TGA	0	0	
mORF_+_1732779	1732779	1732793	+	3	15	GTG	TAA	0	0	
mORF_+_1732809	1732809	1732898	+	3	90	TTG	TAA	0	0	
mORF_+_1732826	1732826	1732894	+	2	69	ATG	TGA	0	0	
mORF_+_1732913	1732913	1733002	+	2	90	TTG	TGA	0	0	
mORF_+_1732929	1732929	1732961	+	3	33	TTG	TGA	0	0	
mORF_+_1732962	1732962	1732991	+	3	30	TTG	TAA	0	0	
mORF_+_1733027	1733027	1733077	+	2	51	ATG	TGA	0	0	
mORF_+_1733129	1733129	1733251	+	2	123	ATG	TAA	0	0	
mORF_+_1733287	1733287	1733331	+	1	45	TTG	TAA	0	0	
mORF_+_1733316	1733316	1733399	+	3	84	TTG	TAG	0	0	
mORF_+_1733333	1733333	1733359	+	2	27	TTG	TAA	0	0	
mORF_+_1733365	1733365	1733436	+	1	72	TTG	TAA	0	0	
mORF_+_1733402	1733402	1733983	+	2	582	ATG	TAA	41	529	pORF_+_1733402

mORF_+_1733430	1733430	1733519	+	3	90	ATG	TGA	0	0	
mORF_+_1733544	1733544	1733783	+	3	240	TTG	TGA	2	10	pORF_+_1733544
mORF_+_1733793	1733793	1733840	+	3	48	ATG	TGA	0	0	
mORF_+_1733847	1733847	1733864	+	3	18	ATG	TGA	0	0	
mORF_+_1733868	1733868	1733948	+	3	81	TTG	TGA	0	0	
mORF_+_1733990	1733990	1734052	+	2	63	ATG	TAG	0	0	
mORF_+_1733997	1733997	1734155	+	3	159	ATG	TAG	0	0	
mORF_+_1734137	1734137	1734148	+	2	12	TTG	TAG	0	0	
mORF_+_1734175	1734175	1734189	+	1	15	TTG	TGA	0	0	
mORF_+_1734207	1734207	1734314	+	3	108	ATG	TAA	0	0	
mORF_+_1734326	1734326	1734553	+	2	228	TTG	TAG	0	0	
mORF_+_1734333	1734333	1734431	+	3	99	ATG	TAA	0	0	
mORF_+_1734468	1734468	1734479	+	3	12	TTG	TAA	0	0	
mORF_+_1734591	1734591	1734599	+	3	9	TTG	TGA	0	0	
mORF_+_1734596	1734596	1734649	+	2	54	GTG	TAG	0	0	
mORF_+_1734609	1734609	1734623	+	3	15	GTG	TAA	0	0	
mORF_+_1734616	1734616	1734723	+	1	108	GTG	TAA	0	0	
mORF_+_1734650	1734650	1734655	+	2	6	GTG	TAG	0	0	
mORF_+_1734666	1734666	1734773	+	3	108	TTG	TAG	0	0	
mORF_+_1734777	1734777	1734911	+	3	135	ATG	TAA	0	0	
mORF_+_1734848	1734848	1734997	+	2	150	ATG	TGA	0	0	
mORF_+_1734940	1734940	1734972	+	1	33	ATG	TGA	0	0	
mORF_+_1734945	1734945	1735076	+	3	132	TTG	TGA	0	0	
mORF_+_1734994	1734994	1735020	+	1	27	GTG	TGA	0	0	
mORF_+_1735013	1735013	1735039	+	2	27	ATG	TAA	0	0	
mORF_+_1735049	1735049	1735120	+	2	72	ATG	TGA	0	0	
mORF_+_1735080	1735080	1735178	+	3	99	TTG	TGA	0	0	
mORF_+_1735117	1735117	1735128	+	1	12	ATG	TAG	0	0	
mORF_+_1735223	1735223	1735303	+	2	81	ATG	TAG	0	0	
mORF_+_1735242	1735242	1735307	+	3	66	TTG	TAA	0	0	
mORF_+_1735313	1735313	1735357	+	2	45	ATG	TAA	0	0	
mORF_+_1735359	1735359	1735373	+	3	15	GTG	TGA	0	0	
mORF_+_1735370	1735370	1735393	+	2	24	ATG	TGA	0	0	
mORF_+_1735390	1735390	1735548	+	1	159	ATG	TGA	0	0	
mORF_+_1735418	1735418	1735432	+	2	15	TTG	TAA	0	0	
mORF_+_1735536	1735536	1735556	+	3	21	TTG	TAA	0	0	
mORF_+_1735562	1735562	1735606	+	2	45	GTG	TGA	0	0	
mORF_+_1735603	1735603	1735656	+	1	54	GTG	TAA	0	0	
mORF_+_1735628	1735628	1735738	+	2	111	GTG	TGA	0	0	
mORF_+_1735656	1735656	1735880	+	3	225	ATG	TAA	1	12	pORF_+_1735656
mORF_+_1735663	1735663	1735749	+	1	87	GTG	TGA	0	0	
mORF_+_1735756	1735756	1735956	+	1	201	GTG	TGA	0	0	
mORF_+_1735802	1735802	1735807	+	2	6	GTG	TAA	0	0	
mORF_+_1735823	1735823	1735843	+	2	21	TTG	TGA	0	0	
mORF_+_1735868	1735868	1736893	+	2	1026	ATG	TAA	56	468	pORF_+_1735868
mORF_+_1735884	1735884	1735889	+	3	6	ATG	TAG	0	0	
mORF_+_1735975	1735975	1735989	+	1	15	GTG	TAA	0	0	
mORF_+_1736088	1736088	1736144	+	3	57	TTG	TGA	0	0	
mORF_+_1736119	1736119	1736172	+	1	54	TTG	TGA	0	0	
mORF_+_1736154	1736154	1736198	+	3	45	ATG	TGA	0	0	
mORF_+_1736217	1736217	1736231	+	3	15	ATG	TGA	0	0	
mORF_+_1736233	1736233	1736241	+	1	9	GTG	TGA	0	0	
mORF_+_1736310	1736310	1736387	+	3	78	GTG	TGA	0	0	
mORF_+_1736388	1736388	1736471	+	3	84	TTG	TGA	0	0	
mORF_+_1736514	1736514	1736681	+	3	168	TTG	TGA	0	0	
mORF_+_1736632	1736632	1736643	+	1	12	TTG	TGA	0	0	
mORF_+_1736688	1736688	1736729	+	3	42	ATG	TGA	0	0	
mORF_+_1736760	1736760	1736843	+	3	84	GTG	TGA	0	0	
mORF_+_1736844	1736844	1737077	+	3	234	TTG	TAA	0	0	
mORF_+_1737001	1737001	1737054	+	1	54	TTG	TAA	0	0	
mORF_+_1737086	1737086	1737301	+	2	216	TTG	TGA	0	0	
mORF_+_1737094	1737094	1737120	+	1	27	ATG	TAA	0	0	
mORF_+_1737096	1737096	1737197	+	3	102	GTG	TAA	0	0	

mORF_+_1737175	1737175	1737210	+	1	36	TTG	TAG	0	0	
mORF_+_1737295	1737295	1737327	+	1	33	GTG	TAG	0	0	
mORF_+_1737375	1737375	1737434	+	3	60	GTG	TGA	0	0	
mORF_+_1737431	1737431	1737445	+	2	15	TTG	TGA	0	0	
mORF_+_1737472	1737472	1737543	+	1	72	ATG	TAA	0	0	
mORF_+_1737501	1737501	1737518	+	3	18	GTG	TGA	0	0	
mORF_+_1737577	1737577	1737807	+	1	231	TTG	TGA	0	0	
mORF_+_1737587	1737587	1737709	+	2	123	GTG	TGA	0	0	
mORF_+_1737753	1737753	1737767	+	3	15	GTG	TAA	0	0	
mORF_+_1737804	1737804	1737824	+	3	21	GTG	TAG	0	0	
mORF_+_1737841	1737841	1737912	+	1	72	TTG	TAA	0	0	
mORF_+_1737897	1737897	1737959	+	3	63	TTG	TAG	0	0	
mORF_+_1737905	1737905	1737916	+	2	12	GTG	TGA	0	0	
mORF_+_1737913	1737913	1738077	+	1	165	TTG	TAG	0	0	
mORF_+_1737935	1737935	1739146	+	2	1212	ATG	TGA	0	0	
mORF_+_1738065	1738065	1738160	+	3	96	GTG	TAA	0	0	
mORF_+_1738114	1738114	1738146	+	1	33	GTG	TAA	0	0	
mORF_+_1738176	1738176	1738184	+	3	9	TTG	TAG	0	0	
mORF_+_1738201	1738201	1738320	+	1	120	GTG	TAA	0	0	
mORF_+_1738239	1738239	1738289	+	3	51	TTG	TAG	0	0	
mORF_+_1738329	1738329	1738382	+	3	54	TTG	TAG	0	0	
mORF_+_1738434	1738434	1738454	+	3	21	TTG	TGA	0	0	
mORF_+_1738509	1738509	1738517	+	3	9	ATG	TGA	0	0	
mORF_+_1738593	1738593	1738604	+	3	12	TTG	TGA	0	0	
mORF_+_1738597	1738597	1738626	+	1	30	ATG	TAG	0	0	
mORF_+_1738626	1738626	1738661	+	3	36	GTG	TAA	0	0	
mORF_+_1738665	1738665	1738691	+	3	27	ATG	TGA	0	0	
mORF_+_1738692	1738692	1738835	+	3	144	TTG	TGA	0	0	
mORF_+_1738726	1738726	1738809	+	1	84	ATG	TAG	0	0	
mORF_+_1738845	1738845	1738850	+	3	6	GTG	TGA	0	0	
mORF_+_1738857	1738857	1738985	+	3	129	TTG	TAG	0	0	
mORF_+_1738963	1738963	1739088	+	1	126	GTG	TGA	0	0	
mORF_+_1739085	1739085	1739171	+	3	87	GTG	TAG	0	0	
mORF_+_1739187	1739187	1739201	+	3	15	TTG	TGA	0	0	
mORF_+_1739194	1739194	1739220	+	1	27	ATG	TAA	0	0	
mORF_+_1739198	1739198	1739245	+	2	48	TTG	TAA	0	0	
mORF_+_1739251	1739251	1739412	+	1	162	ATG	TGA	0	0	
mORF_+_1739423	1739423	1739440	+	2	18	GTG	TGA	0	0	
mORF_+_1739437	1739437	1740585	+	1	1149	ATG	TAA	8	20	pORF_+_1739437
mORF_+_1739448	1739448	1739477	+	3	30	GTG	TGA	0	0	
mORF_+_1739465	1739465	1739524	+	2	60	GTG	TAG	0	0	
mORF_+_1739555	1739555	1739560	+	2	6	GTG	TGA	0	0	
mORF_+_1739627	1739627	1739779	+	2	153	ATG	TAG	0	0	
mORF_+_1739634	1739634	1739645	+	3	12	GTG	TGA	0	0	
mORF_+_1739807	1739807	1739911	+	2	105	ATG	TGA	0	0	
mORF_+_1739913	1739913	1739918	+	3	6	TTG	TGA	0	0	
mORF_+_1739915	1739915	1739932	+	2	18	GTG	TAA	0	0	
mORF_+_1739957	1739957	1740010	+	2	54	TTG	TAA	0	0	
mORF_+_1740065	1740065	1740112	+	2	48	GTG	TGA	0	0	
mORF_+_1740122	1740122	1740208	+	2	87	TTG	TGA	0	0	
mORF_+_1740263	1740263	1740355	+	2	93	ATG	TGA	0	0	
mORF_+_1740303	1740303	1740371	+	3	69	TTG	TAA	0	0	
mORF_+_1740377	1740377	1740400	+	2	24	GTG	TGA	0	0	
mORF_+_1740405	1740405	1740413	+	3	9	GTG	TGA	0	0	
mORF_+_1740410	1740410	1740490	+	2	81	ATG	TGA	0	0	
mORF_+_1740429	1740429	1740449	+	3	21	ATG	TAA	0	0	
mORF_+_1740491	1740491	1740646	+	2	156	ATG	TGA	0	0	
mORF_+_1740643	1740643	1740786	+	1	144	TTG	TAA	0	0	
mORF_+_1740650	1740650	1740703	+	2	54	ATG	TGA	0	0	
mORF_+_1740663	1740663	1740728	+	3	66	GTG	TGA	0	0	
mORF_+_1740722	1740722	1740883	+	2	162	ATG	TGA	0	0	
mORF_+_1740732	1740732	1740812	+	3	81	GTG	TGA	0	0	
mORF_+_1740787	1740787	1740924	+	1	138	ATG	TGA	0	0	

mORF_+_1740950	1740950	1740964	+	2	15	GTG	TGA	0	0	
mORF_+_1740961	1740961	1740969	+	1	9	ATG	TGA	0	0	
mORF_+_1740976	1740976	1741041	+	1	66	GTG	TAA	0	0	
mORF_+_1741052	1741052	1741291	+	2	240	TTG	TAA	0	0	
mORF_+_1741093	1741093	1741185	+	1	93	ATG	TAA	0	0	
mORF_+_1741195	1741195	1741281	+	1	87	ATG	TGA	0	0	
mORF_+_1741209	1741209	1741262	+	3	54	TTG	TAA	0	0	
mORF_+_1741317	1741317	1741376	+	3	60	GTG	TAA	0	0	
mORF_+_1741336	1741336	1741347	+	1	12	GTG	TAA	0	0	
mORF_+_1741421	1741421	1741447	+	2	27	TTG	TAG	0	0	
mORF_+_1741473	1741473	1741517	+	3	45	GTG	TAG	0	0	
mORF_+_1741481	1741481	1742854	+	2	1374	GTG	TAA	1	2	pORF_+_1741481
mORF_+_1741569	1741569	1741583	+	3	15	TTG	TGA	0	0	
mORF_+_1741599	1741599	1741685	+	3	87	GTG	TAA	0	0	
mORF_+_1741707	1741707	1741967	+	3	261	ATG	TAA	0	0	
mORF_+_1741798	1741798	1741926	+	1	129	GTG	TAA	0	0	
mORF_+_1741930	1741930	1741935	+	1	6	GTG	TGA	0	0	
mORF_+_1742019	1742019	1742186	+	3	168	ATG	TGA	0	0	
mORF_+_1742056	1742056	1742118	+	1	63	TTG	TAA	0	0	
mORF_+_1742214	1742214	1742240	+	3	27	TTG	TGA	0	0	
mORF_+_1742247	1742247	1742267	+	3	21	TTG	TAG	0	0	
mORF_+_1742283	1742283	1742315	+	3	33	TTG	TGA	0	0	
mORF_+_1742409	1742409	1742465	+	3	57	ATG	TGA	0	0	
mORF_+_1742529	1742529	1742534	+	3	6	TTG	TAA	0	0	
mORF_+_1742598	1742598	1742705	+	3	108	TTG	TGA	0	0	
mORF_+_1742718	1742718	1742750	+	3	33	TTG	TAG	0	0	
mORF_+_1742760	1742760	1742768	+	3	9	TTG	TGA	0	0	
mORF_+_1742881	1742881	1743267	+	1	387	TTG	TAA	0	0	
mORF_+_1742912	1742912	1743007	+	2	96	TTG	TAA	0	0	
mORF_+_1742964	1742964	1743038	+	3	75	TTG	TGA	0	0	
mORF_+_1743035	1743035	1743127	+	2	93	GTG	TGA	0	0	
mORF_+_1743057	1743057	1743209	+	3	153	TTG	TAG	0	0	
mORF_+_1743242	1743242	1743274	+	2	33	TTG	TAA	0	0	
mORF_+_1743246	1743246	1743281	+	3	36	TTG	TGA	0	0	
mORF_+_1743278	1743278	1743535	+	2	258	TTG	TAG	0	0	
mORF_+_1743364	1743364	1743483	+	1	120	GTG	TAG	0	0	
mORF_+_1743393	1743393	1743701	+	3	309	TTG	TGA	0	0	
mORF_+_1743514	1743514	1743627	+	1	114	ATG	TGA	0	0	
mORF_+_1743640	1743640	1743735	+	1	96	TTG	TGA	0	0	
mORF_+_1743704	1743704	1743715	+	2	12	TTG	TAA	0	0	
mORF_+_1743732	1743732	1743941	+	3	210	TTG	TAG	0	0	
mORF_+_1743742	1743742	1743816	+	1	75	ATG	TAA	0	0	
mORF_+_1743884	1743884	1743934	+	2	51	TTG	TGA	0	0	
mORF_+_1743913	1743913	1744266	+	1	354	GTG	TGA	0	0	
mORF_+_1743962	1743962	1744015	+	2	54	GTG	TGA	0	0	
mORF_+_1744071	1744071	1744259	+	3	189	TTG	TAA	0	0	
mORF_+_1744163	1744163	1744195	+	2	33	TTG	TAA	0	0	
mORF_+_1744196	1744196	1744201	+	2	6	GTG	TAA	0	0	
mORF_+_1744278	1744278	1744313	+	3	36	TTG	TAA	0	0	
mORF_+_1744283	1744283	1744297	+	2	15	TTG	TAA	0	0	
mORF_+_1744298	1744298	1744309	+	2	12	ATG	TGA	0	0	
mORF_+_1744323	1744323	1744343	+	3	21	TTG	TAG	0	0	
mORF_+_1744349	1744349	1744429	+	2	81	TTG	TAA	0	0	
mORF_+_1744404	1744404	1744481	+	3	78	TTG	TAG	0	0	
mORF_+_1744442	1744442	1744468	+	2	27	TTG	TAG	0	0	
mORF_+_1744474	1744474	1744494	+	1	21	TTG	TGA	0	0	
mORF_+_1744491	1744491	1744562	+	3	72	TTG	TAG	0	0	
mORF_+_1744496	1744496	1744549	+	2	54	ATG	TAG	0	0	
mORF_+_1744555	1744555	1744575	+	1	21	TTG	TGA	0	0	
mORF_+_1744572	1744572	1744943	+	3	372	TTG	TGA	0	0	
mORF_+_1744577	1744577	1744627	+	2	51	ATG	TAA	0	0	
mORF_+_1744699	1744699	1744758	+	1	60	ATG	TAA	0	0	
mORF_+_1744724	1744724	1745029	+	2	306	ATG	TGA	20	236	pORF_+_1744724

mORF_+_1744834	1744834	1744857	+	1	24	GTG	TGA	0	0	
mORF_+_1744956	1744956	1745039	+	3	84	TTG	TAA	0	0	
mORF_+_1745135	1745135	1745152	+	2	18	ATG	TAA	0	0	
mORF_+_1745155	1745155	1746759	+	1	1605	ATG	TAA	5	14	pORF_+_1745155
mORF_+_1745165	1745165	1745311	+	2	147	TTG	TGA	0	0	
mORF_+_1745324	1745324	1745494	+	2	171	TTG	TAG	0	0	
mORF_+_1745352	1745352	1745414	+	3	63	TTG	TAA	0	0	
mORF_+_1745519	1745519	1745626	+	2	108	TTG	TAG	0	0	
mORF_+_1745541	1745541	1745621	+	3	81	ATG	TGA	0	0	
mORF_+_1745657	1745657	1745707	+	2	51	ATG	TGA	0	0	
mORF_+_1745694	1745694	1745732	+	3	39	GTG	TAA	0	0	
mORF_+_1745723	1745723	1745758	+	2	36	ATG	TGA	0	0	
mORF_+_1745768	1745768	1745863	+	2	96	ATG	TAA	0	0	
mORF_+_1745913	1745913	1745969	+	3	57	TTG	TGA	0	0	
mORF_+_1745963	1745963	1746016	+	2	54	ATG	TGA	0	0	
mORF_+_1746035	1746035	1746064	+	2	30	TTG	TAG	0	0	
mORF_+_1746080	1746080	1746256	+	2	177	ATG	TGA	0	0	
mORF_+_1746257	1746257	1746436	+	2	180	ATG	TGA	0	0	
mORF_+_1746461	1746461	1746505	+	2	45	TTG	TGA	0	0	
mORF_+_1746554	1746554	1746619	+	2	66	ATG	TAG	0	0	
mORF_+_1746678	1746678	1746695	+	3	18	ATG	TGA	0	0	
mORF_+_1746680	1746680	1746718	+	2	39	GTG	TAA	0	0	
mORF_+_1746731	1746731	1746802	+	2	72	GTG	TAA	0	0	
mORF_+_1746789	1746789	1746920	+	3	132	ATG	TGA	0	0	
mORF_+_1746829	1746829	1746879	+	1	51	TTG	TGA	0	0	
mORF_+_1746881	1746881	1746916	+	2	36	ATG	TAA	0	0	
mORF_+_1746917	1746917	1746970	+	2	54	TTG	TGA	0	0	
mORF_+_1746934	1746934	1747056	+	1	123	GTG	TGA	0	0	
mORF_+_1746972	1746972	1747718	+	3	747	GTG	TAA	1	3	pORF_+_1746972
mORF_+_1747007	1747007	1747198	+	2	192	TTG	TAA	0	0	
mORF_+_1747186	1747186	1747191	+	1	6	ATG	TGA	0	0	
mORF_+_1747262	1747262	1747372	+	2	111	TTG	TAG	1	4	pORF_+_1747262
mORF_+_1747294	1747294	1747305	+	1	12	ATG	TGA	0	0	
mORF_+_1747354	1747354	1747386	+	1	33	GTG	TGA	0	0	
mORF_+_1747472	1747472	1747576	+	2	105	GTG	TAA	0	0	
mORF_+_1747576	1747576	1747590	+	1	15	ATG	TAG	0	0	
mORF_+_1747612	1747612	1747659	+	1	48	ATG	TAA	0	0	
mORF_+_1747631	1747631	1747675	+	2	45	GTG	TAA	0	0	
mORF_+_1747691	1747691	1747813	+	2	123	ATG	TGA	0	0	
mORF_+_1747755	1747755	1747787	+	3	33	TTG	TAG	0	0	
mORF_+_1747810	1747810	1747824	+	1	15	ATG	TAG	0	0	
mORF_+_1747859	1747859	1747894	+	2	36	TTG	TAA	0	0	
mORF_+_1747875	1747875	1748021	+	3	147	ATG	TAA	0	0	
mORF_+_1747894	1747894	1747908	+	1	15	ATG	TAA	0	0	
mORF_+_1747922	1747922	1747990	+	2	69	TTG	TGA	0	0	
mORF_+_1747954	1747954	1747962	+	1	9	ATG	TAG	0	0	
mORF_+_1747987	1747987	1748091	+	1	105	TTG	TGA	0	0	
mORF_+_1748012	1748012	1748062	+	2	51	ATG	TAA	0	0	
mORF_+_1748040	1748040	1748129	+	3	90	ATG	TAA	0	0	
mORF_+_1748069	1748069	1748155	+	2	87	TTG	TGA	0	0	
mORF_+_1748142	1748142	1748150	+	3	9	GTG	TAA	0	0	
mORF_+_1748161	1748161	1748169	+	1	9	TTG	TAA	0	0	
mORF_+_1748187	1748187	1748201	+	3	15	ATG	TGA	0	0	
mORF_+_1748194	1748194	1748325	+	1	132	GTG	TAG	0	0	
mORF_+_1748232	1748232	1748333	+	3	102	ATG	TAA	0	0	
mORF_+_1748315	1748315	1748440	+	2	126	GTG	TAG	0	0	
mORF_+_1748355	1748355	1748399	+	3	45	ATG	TGA	0	0	
mORF_+_1748447	1748447	1748767	+	2	321	TTG	TGA	0	0	
mORF_+_1748512	1748512	1748535	+	1	24	ATG	TGA	0	0	
mORF_+_1748541	1748541	1748621	+	3	81	ATG	TAG	0	0	
mORF_+_1748557	1748557	1748604	+	1	48	TTG	TAG	0	0	
mORF_+_1748646	1748646	1748654	+	3	9	ATG	TAA	0	0	
mORF_+_1748664	1748664	1748762	+	3	99	ATG	TGA	0	0	

mORF_+_1748764	1748764	1748811	+	1	48	ATG	TGA	0	0
mORF_+_1748780	1748780	1748833	+	2	54	GTG	TAA	0	0
mORF_+_1748796	1748796	1748846	+	3	51	TTG	TGA	0	0
mORF_+_1748821	1748821	1748862	+	1	42	GTG	TAG	0	0
mORF_+_1748855	1748855	1748908	+	2	54	GTG	TGA	0	0
mORF_+_1748872	1748872	1748985	+	1	114	ATG	TAA	0	0
mORF_+_1748898	1748898	1748918	+	3	21	TTG	TGA	0	0
mORF_+_1748915	1748915	1748962	+	2	48	ATG	TAA	0	0
mORF_+_1748922	1748922	1749041	+	3	120	ATG	TGA	0	0
mORF_+_1749052	1749052	1749096	+	1	45	ATG	TGA	0	0
mORF_+_1749057	1749057	1749113	+	3	57	GTG	TGA	0	0
mORF_+_1749153	1749153	1749161	+	3	9	TTG	TAG	0	0
mORF_+_1749202	1749202	1749501	+	1	300	ATG	TAA	0	0
mORF_+_1749296	1749296	1749436	+	2	141	TTG	TGA	0	0
mORF_+_1749306	1749306	1749320	+	3	15	ATG	TAA	0	0
mORF_+_1749363	1749363	1749413	+	3	51	ATG	TAG	0	0
mORF_+_1749423	1749423	1749440	+	3	18	ATG	TAA	0	0
mORF_+_1749453	1749453	1749485	+	3	33	TTG	TAG	0	0
mORF_+_1749501	1749501	1749545	+	3	45	ATG	TAG	0	0
mORF_+_1749547	1749547	1749606	+	1	60	GTG	TGA	0	0
mORF_+_1749593	1749593	1749715	+	2	123	ATG	TAA	0	0
mORF_+_1749603	1749603	1749659	+	3	57	ATG	TGA	0	0
mORF_+_1749731	1749731	1749766	+	2	36	ATG	TAG	0	0
mORF_+_1749768	1749768	1749869	+	3	102	TTG	TAG	0	0
mORF_+_1749770	1749770	1750057	+	2	288	GTG	TAA	0	0
mORF_+_1749772	1749772	1749879	+	1	108	GTG	TGA	0	0
mORF_+_1749876	1749876	1750022	+	3	147	GTG	TAG	0	0
mORF_+_1750089	1750089	1750136	+	3	48	GTG	TAA	0	0
mORF_+_1750165	1750165	1750191	+	1	27	TTG	TGA	0	0
mORF_+_1750179	1750179	1750265	+	3	87	TTG	TAG	0	0
mORF_+_1750199	1750199	1750423	+	2	225	ATG	TGA	0	0
mORF_+_1750228	1750228	1750239	+	1	12	TTG	TAA	0	0
mORF_+_1750243	1750243	1750254	+	1	12	TTG	TGA	0	0
mORF_+_1750255	1750255	1750353	+	1	99	TTG	TAA	0	0
mORF_+_1750269	1750269	1750283	+	3	15	TTG	TAA	0	0
mORF_+_1750356	1750356	1750442	+	3	87	TTG	TGA	0	0
mORF_+_1750436	1750436	1750531	+	2	96	ATG	TGA	0	0
mORF_+_1750521	1750521	1750547	+	3	27	ATG	TGA	0	0
mORF_+_1750528	1750528	1750593	+	1	66	ATG	TAA	0	0
mORF_+_1750544	1750544	1750729	+	2	186	GTG	TAG	0	0
mORF_+_1750593	1750593	1750622	+	3	30	ATG	TGA	0	0
mORF_+_1750665	1750665	1750685	+	3	21	TTG	TAA	0	0
mORF_+_1750821	1750821	1750997	+	3	177	ATG	TAG	0	0
mORF_+_1750829	1750829	1750978	+	2	150	ATG	TAA	0	0
mORF_+_1750840	1750840	1751175	+	1	336	TTG	TAA	0	0
mORF_+_1751022	1751022	1751192	+	3	171	TTG	TAA	0	0
mORF_+_1751132	1751132	1751443	+	2	312	TTG	TAA	0	0
mORF_+_1751196	1751196	1751216	+	3	21	TTG	TGA	0	0
mORF_+_1751226	1751226	1751363	+	3	138	ATG	TGA	0	0
mORF_+_1751284	1751284	1751370	+	1	87	TTG	TAG	0	0
mORF_+_1751419	1751419	1751466	+	1	48	TTG	TAA	0	0
mORF_+_1751469	1751469	1751744	+	3	276	TTG	TAG	0	0
mORF_+_1751497	1751497	1751520	+	1	24	GTG	TAA	0	0
mORF_+_1751549	1751549	1751590	+	2	42	TTG	TAA	0	0
mORF_+_1751614	1751614	1751622	+	1	9	GTG	TGA	0	0
mORF_+_1751662	1751662	1751673	+	1	12	ATG	TAG	0	0
mORF_+_1751754	1751754	1751885	+	3	132	ATG	TAA	0	0
mORF_+_1751866	1751866	1751910	+	1	45	TTG	TAA	0	0
mORF_+_1751919	1751919	1752014	+	3	96	TTG	TAG	0	0
mORF_+_1751987	1751987	1752046	+	2	60	GTG	TGA	0	0
mORF_+_1752043	1752043	1752249	+	1	207	ATG	TGA	0	0
mORF_+_1752107	1752107	1752130	+	2	24	ATG	TGA	0	0
mORF_+_1752137	1752137	1752151	+	2	15	GTG	TAG	0	0

mORF_+_1752152	1752152	1752208	+	2	57	TTG	TAA	0	0	
mORF_+_1752209	1752209	1752535	+	2	327	TTG	TGA	0	0	
mORF_+_1752237	1752237	1752260	+	3	24	ATG	TGA	0	0	
mORF_+_1752286	1752286	1752393	+	1	108	GTG	TGA	0	0	
mORF_+_1752390	1752390	1752551	+	3	162	GTG	TGA	0	0	
mORF_+_1752529	1752529	1752651	+	1	123	GTG	TAA	0	0	
mORF_+_1752623	1752623	1752637	+	2	15	ATG	TAA	0	0	
mORF_+_1752658	1752658	1752699	+	1	42	ATG	TAA	0	0	
mORF_+_1752677	1752677	1752682	+	2	6	ATG	TGA	0	0	
mORF_+_1752702	1752702	1752719	+	3	18	TTG	TAA	0	0	
mORF_+_1752743	1752743	1752751	+	2	9	GTG	TGA	0	0	
mORF_+_1752765	1752765	1752773	+	3	9	TTG	TAA	0	0	
mORF_+_1752796	1752796	1752801	+	1	6	TTG	TGA	0	0	
mORF_+_1752798	1752798	1752845	+	3	48	GTG	TAA	0	0	
mORF_+_1752808	1752808	1752840	+	1	33	TTG	TAA	0	0	
mORF_+_1752878	1752878	1752931	+	2	54	TTG	TGA	0	0	
mORF_+_1752928	1752928	1752951	+	1	24	ATG	TGA	0	0	
mORF_+_1752952	1752952	1752975	+	1	24	ATG	TAA	0	0	
mORF_+_1752975	1752975	1753016	+	3	42	ATG	TGA	0	0	
mORF_+_1753017	1753017	1753220	+	3	204	ATG	TAA	0	0	
mORF_+_1753033	1753033	1753059	+	1	27	ATG	TAA	0	0	
mORF_+_1753064	1753064	1753249	+	2	186	ATG	TAA	0	0	
mORF_+_1753069	1753069	1753212	+	1	144	TTG	TAA	0	0	
mORF_+_1753277	1753277	1753330	+	2	54	TTG	TGA	0	0	
mORF_+_1753284	1753284	1753307	+	3	24	ATG	TGA	0	0	
mORF_+_1753349	1753349	1753363	+	2	15	TTG	TGA	0	0	
mORF_+_1753360	1753360	1753404	+	1	45	GTG	TGA	0	0	
mORF_+_1753401	1753401	1753484	+	3	84	TTG	TAA	0	0	
mORF_+_1753415	1753415	1753441	+	2	27	TTG	TGA	0	0	
mORF_+_1753438	1753438	1753530	+	1	93	TTG	TAG	0	0	
mORF_+_1753463	1753463	1753471	+	2	9	TTG	TAA	0	0	
mORF_+_1753484	1753484	1753498	+	2	15	ATG	TGA	0	0	
mORF_+_1753502	1753502	1753714	+	2	213	TTG	TAA	0	0	
mORF_+_1753506	1753506	1755134	+	3	1629	ATG	TAA	163	4842	pORF_+_1753506
mORF_+_1753561	1753561	1753569	+	1	9	TTG	TGA	0	0	
mORF_+_1753666	1753666	1753707	+	1	42	GTG	TAA	0	0	
mORF_+_1753738	1753738	1753782	+	1	45	TTG	TAG	0	0	
mORF_+_1753742	1753742	1753771	+	2	30	TTG	TGA	0	0	
mORF_+_1753831	1753831	1753881	+	1	51	ATG	TGA	0	0	
mORF_+_1753915	1753915	1753947	+	1	33	TTG	TGA	0	0	
mORF_+_1754038	1754038	1754046	+	1	9	TTG	TAA	0	0	
mORF_+_1754050	1754050	1754109	+	1	60	ATG	TGA	0	0	
mORF_+_1754131	1754131	1754163	+	1	33	TTG	TGA	0	0	
mORF_+_1754170	1754170	1754196	+	1	27	GTG	TGA	0	0	
mORF_+_1754215	1754215	1754256	+	1	42	TTG	TGA	0	0	
mORF_+_1754260	1754260	1754280	+	1	21	TTG	TAG	0	0	
mORF_+_1754264	1754264	1754308	+	2	45	TTG	TAA	0	0	
mORF_+_1754284	1754284	1754343	+	1	60	TTG	TGA	0	0	
mORF_+_1754446	1754446	1754469	+	1	24	TTG	TAG	0	0	
mORF_+_1754519	1754519	1754536	+	2	18	ATG	TAA	0	0	
mORF_+_1754527	1754527	1754574	+	1	48	GTG	TGA	0	0	
mORF_+_1754608	1754608	1754649	+	1	42	GTG	TGA	0	0	
mORF_+_1754659	1754659	1754736	+	1	78	GTG	TGA	0	0	
mORF_+_1754761	1754761	1754841	+	1	81	ATG	TGA	0	0	
mORF_+_1754795	1754795	1754812	+	2	18	ATG	TGA	0	0	
mORF_+_1754848	1754848	1754919	+	1	72	TTG	TGA	0	0	
mORF_+_1754965	1754965	1755069	+	1	105	TTG	TAG	0	0	
mORF_+_1755082	1755082	1755153	+	1	72	GTG	TAA	0	0	
mORF_+_1755137	1755137	1755148	+	2	12	TTG	TGA	0	0	
mORF_+_1755155	1755155	1755175	+	2	21	TTG	TGA	0	0	
mORF_+_1755175	1755175	1755195	+	1	21	ATG	TAA	0	0	
mORF_+_1755259	1755259	1755330	+	1	72	ATG	TGA	0	0	
mORF_+_1755327	1755327	1755422	+	3	96	TTG	TAA	0	0	

mORF_+_1755349	1755349	1755396	+	1	48	GTG	TAA	0	0	
mORF_+_1755389	1755389	1755442	+	2	54	TTG	TAA	0	0	
mORF_+_1755400	1755400	1755405	+	1	6	TTG	TAA	0	0	
mORF_+_1755412	1755412	1755432	+	1	21	ATG	TAG	0	0	
mORF_+_1755445	1755445	1755681	+	1	237	ATG	TAA	26	530	pORF_+_1755445
mORF_+_1755504	1755504	1755521	+	3	18	TTG	TAA	0	0	
mORF_+_1755566	1755566	1755577	+	2	12	TTG	TGA	0	0	
mORF_+_1755623	1755623	1755898	+	2	276	ATG	TGA	0	0	
mORF_+_1755690	1755690	1755698	+	3	9	GTG	TGA	0	0	
mORF_+_1755702	1755702	1755920	+	3	219	ATG	TAA	0	0	
mORF_+_1755712	1755712	1755762	+	1	51	TTG	TAA	0	0	
mORF_+_1755772	1755772	1755798	+	1	27	TTG	TGA	0	0	
mORF_+_1755911	1755911	1755961	+	2	51	TTG	TGA	0	0	
mORF_+_1755922	1755922	1755987	+	1	66	TTG	TAG	0	0	
mORF_+_1755942	1755942	1756022	+	3	81	GTG	TAG	0	0	
mORF_+_1755994	1755994	1756131	+	1	138	ATG	TGA	0	0	
mORF_+_1756049	1756049	1756174	+	2	126	TTG	TGA	0	0	
mORF_+_1756107	1756107	1756136	+	3	30	GTG	TGA	0	0	
mORF_+_1756171	1756171	1756224	+	1	54	ATG	TAG	0	0	
mORF_+_1756175	1756175	1756216	+	2	42	ATG	TAA	0	0	
mORF_+_1756209	1756209	1756265	+	3	57	GTG	TAA	0	0	
mORF_+_1756265	1756265	1756288	+	2	24	ATG	TGA	0	0	
mORF_+_1756292	1756292	1756393	+	2	102	ATG	TAA	0	0	
mORF_+_1756314	1756314	1756322	+	3	9	TTG	TAG	0	0	
mORF_+_1756386	1756386	1756451	+	3	66	TTG	TAA	0	0	
mORF_+_1756470	1756470	1756502	+	3	33	GTG	TAG	0	0	
mORF_+_1756489	1756489	1756494	+	1	6	TTG	TGA	0	0	
mORF_+_1756521	1756521	1756538	+	3	18	TTG	TAG	0	0	
mORF_+_1756538	1756538	1756597	+	2	60	GTG	TGA	0	0	
mORF_+_1756563	1756563	1756592	+	3	30	TTG	TAG	0	0	
mORF_+_1756615	1756615	1756668	+	1	54	TTG	TAG	0	0	
mORF_+_1756659	1756659	1756706	+	3	48	TTG	TAA	0	0	
mORF_+_1756697	1756697	1756852	+	2	156	ATG	TGA	0	0	
mORF_+_1756725	1756725	1756730	+	3	6	GTG	TAA	0	0	
mORF_+_1756749	1756749	1756754	+	3	6	TTG	TAA	0	0	
mORF_+_1756794	1756794	1756814	+	3	21	ATG	TGA	0	0	
mORF_+_1756830	1756830	1756868	+	3	39	GTG	TGA	0	0	
mORF_+_1756840	1756840	1756845	+	1	6	GTG	TAA	0	0	
mORF_+_1756849	1756849	1756881	+	1	33	TTG	TGA	0	0	
mORF_+_1756865	1756865	1756957	+	2	93	GTG	TGA	0	0	
mORF_+_1756878	1756878	1756901	+	3	24	ATG	TAG	0	0	
mORF_+_1756906	1756906	1756971	+	1	66	GTG	TGA	0	0	
mORF_+_1756917	1756917	1757045	+	3	129	TTG	TGA	0	0	
mORF_+_1756973	1756973	1757110	+	2	138	ATG	TAA	0	0	
mORF_+_1757139	1757139	1757156	+	3	18	ATG	TGA	0	0	
mORF_+_1757172	1757172	1757240	+	3	69	ATG	TAG	0	0	
mORF_+_1757180	1757180	1757206	+	2	27	TTG	TAA	0	0	
mORF_+_1757182	1757182	1757235	+	1	54	GTG	TAA	0	0	
mORF_+_1757259	1757259	1757345	+	3	87	TTG	TGA	0	0	
mORF_+_1757342	1757342	1757605	+	2	264	GTG	TGA	0	0	
mORF_+_1757388	1757388	1757435	+	3	48	GTG	TAA	0	0	
mORF_+_1757446	1757446	1757538	+	1	93	ATG	TAA	0	0	
mORF_+_1757481	1757481	1757489	+	3	9	ATG	TAA	0	0	
mORF_+_1757563	1757563	1757580	+	1	18	GTG	TGA	0	0	
mORF_+_1757577	1757577	1757615	+	3	39	GTG	TAA	0	0	
mORF_+_1757602	1757602	1757652	+	1	51	GTG	TAA	0	0	
mORF_+_1757615	1757615	1758367	+	2	753	ATG	TAA	0	0	
mORF_+_1757643	1757643	1757840	+	3	198	ATG	TAA	0	0	
mORF_+_1757713	1757713	1757754	+	1	42	GTG	TAG	0	0	
mORF_+_1757844	1757844	1757891	+	3	48	ATG	TAA	0	0	
mORF_+_1757962	1757962	1757988	+	1	27	TTG	TGA	0	0	
mORF_+_1757985	1757985	1758035	+	3	51	GTG	TGA	0	0	
mORF_+_1758001	1758001	1758039	+	1	39	GTG	TAA	0	0	

mORF_+_1758040	1758040	1758075	+	1	36	TTG	TAG	0	0
mORF_+_1758108	1758108	1758191	+	3	84	TTG	TGA	0	0
mORF_+_1758142	1758142	1758174	+	1	33	GTG	TAG	0	0
mORF_+_1758195	1758195	1758374	+	3	180	ATG	TGA	0	0
mORF_+_1758319	1758319	1759059	+	1	741	ATG	TAA	0	0
mORF_+_1758371	1758371	1758571	+	2	201	ATG	TGA	0	0
mORF_+_1758528	1758528	1758599	+	3	72	TTG	TAA	0	0
mORF_+_1758615	1758615	1758650	+	3	36	GTG	TGA	0	0
mORF_+_1758647	1758647	1758673	+	2	27	ATG	TGA	0	0
mORF_+_1758674	1758674	1758697	+	2	24	TTG	TAG	0	0
mORF_+_1758800	1758800	1758832	+	2	33	TTG	TGA	0	0
mORF_+_1758842	1758842	1759129	+	2	288	TTG	TGA	0	0
mORF_+_1759084	1759084	1759356	+	1	273	GTG	TAA	0	0
mORF_+_1759092	1759092	1759145	+	3	54	ATG	TGA	0	0
mORF_+_1759166	1759166	1759228	+	2	63	TTG	TGA	0	0
mORF_+_1759212	1759212	1759223	+	3	12	GTG	TAA	0	0
mORF_+_1759266	1759266	1759346	+	3	81	TTG	TGA	0	0
mORF_+_1759313	1759313	1759381	+	2	69	GTG	TGA	0	0
mORF_+_1759362	1759362	1759457	+	3	96	ATG	TAG	0	0
mORF_+_1759378	1759378	1759467	+	1	90	TTG	TAA	0	0
mORF_+_1759487	1759487	1759540	+	2	54	ATG	TAA	0	0
mORF_+_1759515	1759515	1759628	+	3	114	TTG	TGA	0	0
mORF_+_1759622	1759622	1759771	+	2	150	ATG	TGA	0	0
mORF_+_1759678	1759678	1759719	+	1	42	ATG	TAA	0	0
mORF_+_1759686	1759686	1759817	+	3	132	GTG	TAA	0	0
mORF_+_1759720	1759720	1759806	+	1	87	ATG	TAA	0	0
mORF_+_1759832	1759832	1759882	+	2	51	TTG	TAG	0	0
mORF_+_1759836	1759836	1759877	+	3	42	TTG	TGA	0	0
mORF_+_1759886	1759886	1759948	+	2	63	ATG	TGA	0	0
mORF_+_1759902	1759902	1759910	+	3	9	TTG	TAG	0	0
mORF_+_1759917	1759917	1759928	+	3	12	ATG	TAG	0	0
mORF_+_1759938	1759938	1760177	+	3	240	ATG	TGA	0	0
mORF_+_1759945	1759945	1760229	+	1	285	ATG	TAA	0	0
mORF_+_1760063	1760063	1760125	+	2	63	TTG	TAA	0	0
mORF_+_1760230	1760230	1760259	+	1	30	GTG	TGA	0	0
mORF_+_1760237	1760237	1760410	+	2	174	TTG	TAA	0	0
mORF_+_1760298	1760298	1760381	+	3	84	ATG	TAA	0	0
mORF_+_1760401	1760401	1760442	+	1	42	TTG	TAA	0	0
mORF_+_1760418	1760418	1760450	+	3	33	TTG	TGA	0	0
mORF_+_1760447	1760447	1760479	+	2	33	GTG	TAA	0	0
mORF_+_1760513	1760513	1760518	+	2	6	GTG	TAA	0	0
mORF_+_1760535	1760535	1760696	+	3	162	ATG	TAA	0	0
mORF_+_1760558	1760558	1760722	+	2	165	GTG	TGA	0	0
mORF_+_1760587	1760587	1760646	+	1	60	GTG	TAA	0	0
mORF_+_1760719	1760719	1760799	+	1	81	GTG	TAG	0	0
mORF_+_1760735	1760735	1760815	+	2	81	GTG	TGA	0	0
mORF_+_1760754	1760754	1760825	+	3	72	TTG	TGA	0	0
mORF_+_1760812	1760812	1760829	+	1	18	TTG	TGA	0	0
mORF_+_1760826	1760826	1760879	+	3	54	GTG	TAA	0	0
mORF_+_1760845	1760845	1760859	+	1	15	TTG	TGA	0	0
mORF_+_1760891	1760891	1761001	+	2	111	ATG	TGA	0	0
mORF_+_1760919	1760919	1760978	+	3	60	ATG	TGA	0	0
mORF_+_1761015	1761015	1761248	+	3	234	ATG	TGA	0	0
mORF_+_1761080	1761080	1761091	+	2	12	TTG	TGA	0	0
mORF_+_1761088	1761088	1761132	+	1	45	ATG	TGA	0	0
mORF_+_1761179	1761179	1761244	+	2	66	TTG	TAA	0	0
mORF_+_1761282	1761282	1761287	+	3	6	ATG	TAG	0	0
mORF_+_1761318	1761318	1761365	+	3	48	ATG	TAG	0	0
mORF_+_1761366	1761366	1761407	+	3	42	GTG	TAA	0	0
mORF_+_1761456	1761456	1761509	+	3	54	TTG	TGA	0	0
mORF_+_1761506	1761506	1761592	+	2	87	GTG	TGA	0	0
mORF_+_1761576	1761576	1761764	+	3	189	GTG	TAG	0	0
mORF_+_1761698	1761698	1761760	+	2	63	TTG	TGA	0	0

mORF_+_1761751	1761751	1761957	+	1	207	ATG	TGA	0	0
mORF_+_1761789	1761789	1761797	+	3	9	TTG	TAG	0	0
mORF_+_1761797	1761797	1761853	+	2	57	GTG	TAG	0	0
mORF_+_1761942	1761942	1761974	+	3	33	GTG	TAA	0	0
mORF_+_1761999	1761999	1762088	+	3	90	TTG	TAG	0	0
mORF_+_1762012	1762012	1762035	+	1	24	TTG	TAG	0	0
mORF_+_1762091	1762091	1762096	+	2	6	TTG	TGA	0	0
mORF_+_1762093	1762093	1762284	+	1	192	GTG	TAA	0	0
mORF_+_1762100	1762100	1762111	+	2	12	TTG	TGA	0	0
mORF_+_1762142	1762142	1762249	+	2	108	GTG	TAG	0	0
mORF_+_1762311	1762311	1762388	+	3	78	TTG	TAA	0	0
mORF_+_1762328	1762328	1762444	+	2	117	ATG	TAA	0	0
mORF_+_1762330	1762330	1762359	+	1	30	GTG	TAA	0	0
mORF_+_1762363	1762363	1762398	+	1	36	TTG	TGA	0	0
mORF_+_1762399	1762399	1762455	+	1	57	ATG	TAG	0	0
mORF_+_1762449	1762449	1762544	+	3	96	ATG	TGA	0	0
mORF_+_1762508	1762508	1762528	+	2	21	ATG	TAA	0	0
mORF_+_1762544	1762544	1762594	+	2	51	ATG	TAA	0	0
mORF_+_1762546	1762546	1762575	+	1	30	GTG	TAG	0	0
mORF_+_1762548	1762548	1762556	+	3	9	GTG	TAA	0	0
mORF_+_1762584	1762584	1762649	+	3	66	TTG	TGA	0	0
mORF_+_1762594	1762594	1762608	+	1	15	ATG	TAA	0	0
mORF_+_1762646	1762646	1762663	+	2	18	TTG	TAA	0	0
mORF_+_1762679	1762679	1762786	+	2	108	GTG	TGA	0	0
mORF_+_1762714	1762714	1762779	+	1	66	GTG	TAG	0	0
mORF_+_1762783	1762783	1762797	+	1	15	TTG	TAA	0	0
mORF_+_1762855	1762855	1762875	+	1	21	TTG	TAG	0	0
mORF_+_1762930	1762930	1762950	+	1	21	TTG	TAA	0	0
mORF_+_1762961	1762961	1763002	+	2	42	ATG	TAA	0	0
mORF_+_1763048	1763048	1763080	+	2	33	TTG	TGA	0	0
mORF_+_1763061	1763061	1763138	+	3	78	TTG	TGA	0	0
mORF_+_1763077	1763077	1763142	+	1	66	GTG	TAG	0	0
mORF_+_1763135	1763135	1763272	+	2	138	TTG	TGA	0	0
mORF_+_1763253	1763253	1763327	+	3	75	ATG	TGA	0	0
mORF_+_1763269	1763269	1763397	+	1	129	GTG	TAG	0	0
mORF_+_1763324	1763324	1763443	+	2	120	GTG	TAA	0	0
mORF_+_1763349	1763349	1763447	+	3	99	TTG	TAA	0	0
mORF_+_1763485	1763485	1763616	+	1	132	ATG	TAG	0	0
mORF_+_1763495	1763495	1763782	+	2	288	ATG	TGA	0	0
mORF_+_1763553	1763553	1763660	+	3	108	GTG	TAA	0	0
mORF_+_1763623	1763623	1763637	+	1	15	GTG	TGA	0	0
mORF_+_1763686	1763686	1763793	+	1	108	ATG	TAA	0	0
mORF_+_1763818	1763818	1763976	+	1	159	ATG	TGA	0	0
mORF_+_1763852	1763852	1763959	+	2	108	ATG	TGA	0	0
mORF_+_1763919	1763919	1763945	+	3	27	GTG	TAA	0	0
mORF_+_1763973	1763973	1763987	+	3	15	ATG	TGA	0	0
mORF_+_1764003	1764003	1764050	+	3	48	GTG	TAA	0	0
mORF_+_1764129	1764129	1764158	+	3	30	TTG	TGA	0	0
mORF_+_1764155	1764155	1764313	+	2	159	TTG	TAA	0	0
mORF_+_1764214	1764214	1764249	+	1	36	ATG	TAA	0	0
mORF_+_1764231	1764231	1764323	+	3	93	TTG	TAA	0	0
mORF_+_1764301	1764301	1764432	+	1	132	TTG	TAG	0	0
mORF_+_1764347	1764347	1764556	+	2	210	GTG	TAG	0	0
mORF_+_1764399	1764399	1764509	+	3	111	TTG	TAA	0	0
mORF_+_1764472	1764472	1764597	+	1	126	ATG	TAA	0	0
mORF_+_1764537	1764537	1764569	+	3	33	GTG	TAG	0	0
mORF_+_1764605	1764605	1764610	+	2	6	GTG	TGA	0	0
mORF_+_1764607	1764607	1764723	+	1	117	GTG	TGA	0	0
mORF_+_1764653	1764653	1764898	+	2	246	TTG	TGA	0	0
mORF_+_1764720	1764720	1764791	+	3	72	GTG	TGA	0	0
mORF_+_1764748	1764748	1764777	+	1	30	ATG	TAA	0	0
mORF_+_1764811	1764811	1764894	+	1	84	TTG	TGA	0	0
mORF_+_1764825	1764825	1764914	+	3	90	GTG	TGA	0	0

mORF_+_1764895	1764895	1764963	+	1	69	ATG	TAA	0	0	
mORF_+_1764911	1764911	1765294	+	2	384	GTG	TGA	0	0	
mORF_+_1765032	1765032	1765109	+	3	78	ATG	TGA	0	0	
mORF_+_1765117	1765117	1765368	+	1	252	ATG	TAA	0	0	
mORF_+_1765128	1765128	1765463	+	3	336	ATG	TAG	0	0	
mORF_+_1765372	1765372	1765758	+	1	387	GTG	TGA	0	0	
mORF_+_1765472	1765472	1765516	+	2	45	TTG	TAG	0	0	
mORF_+_1765509	1765509	1765562	+	3	54	TTG	TGA	0	0	
mORF_+_1765559	1765559	1765573	+	2	15	ATG	TGA	0	0	
mORF_+_1765608	1765608	1765700	+	3	93	GTG	TAA	0	0	
mORF_+_1765661	1765661	1765975	+	2	315	ATG	TGA	0	0	
mORF_+_1765755	1765755	1765799	+	3	45	TTG	TAA	0	0	
mORF_+_1765872	1765872	1765877	+	3	6	GTG	TAA	0	0	
mORF_+_1765972	1765972	1766031	+	1	60	ATG	TAA	0	0	
mORF_+_1766009	1766009	1766044	+	2	36	TTG	TGA	0	0	
mORF_+_1766038	1766038	1766127	+	1	90	TTG	TAA	0	0	
mORF_+_1766063	1766063	1766071	+	2	9	GTG	TAA	0	0	
mORF_+_1766082	1766082	1766237	+	3	156	TTG	TGA	0	0	
mORF_+_1766084	1766084	1766185	+	2	102	GTG	TGA	0	0	
mORF_+_1766131	1766131	1766190	+	1	60	TTG	TGA	0	0	
mORF_+_1766195	1766195	1766203	+	2	9	TTG	TAG	0	0	
mORF_+_1766234	1766234	1766293	+	2	60	TTG	TAG	0	0	
mORF_+_1766253	1766253	1766318	+	3	66	TTG	TGA	0	0	
mORF_+_1766315	1766315	1766323	+	2	9	TTG	TGA	0	0	
mORF_+_1766320	1766320	1766481	+	1	162	TTG	TGA	0	0	
mORF_+_1766378	1766378	1766434	+	2	57	ATG	TGA	0	0	
mORF_+_1766441	1766441	1766485	+	2	45	GTG	TAG	0	0	
mORF_+_1766478	1766478	1766630	+	3	153	ATG	TAA	0	0	
mORF_+_1766563	1766563	1766742	+	1	180	TTG	TAG	0	0	
mORF_+_1766576	1766576	1766608	+	2	33	TTG	TAA	0	0	
mORF_+_1766685	1766685	1766717	+	3	33	GTG	TGA	0	0	
mORF_+_1766714	1766714	1766737	+	2	24	TTG	TGA	0	0	
mORF_+_1766788	1766788	1766862	+	1	75	GTG	TAG	0	0	
mORF_+_1766795	1766795	1766842	+	2	48	TTG	TGA	0	0	
mORF_+_1766866	1766866	1766922	+	1	57	GTG	TAA	0	0	
mORF_+_1766898	1766898	1766942	+	3	45	ATG	TGA	0	0	
mORF_+_1766932	1766932	1766967	+	1	36	GTG	TAA	0	0	
mORF_+_1767018	1767018	1767095	+	3	78	TTG	TAG	0	0	
mORF_+_1767047	1767047	1767088	+	2	42	GTG	TGA	0	0	
mORF_+_1767085	1767085	1767357	+	1	273	GTG	TAA	0	0	
mORF_+_1767098	1767098	1768210	+	2	1113	ATG	TAA	1	3	pORF_+_1767098
mORF_+_1767105	1767105	1767158	+	3	54	ATG	TAG	0	0	
mORF_+_1767168	1767168	1767305	+	3	138	TTG	TGA	0	0	
mORF_+_1767342	1767342	1767386	+	3	45	TTG	TAA	0	0	
mORF_+_1767405	1767405	1767413	+	3	9	GTG	TGA	0	0	
mORF_+_1767430	1767430	1767438	+	1	9	GTG	TAA	0	0	
mORF_+_1767453	1767453	1767605	+	3	153	TTG	TGA	1	4	pORF_+_1767453
mORF_+_1767595	1767595	1767642	+	1	48	TTG	TGA	0	0	
mORF_+_1767618	1767618	1767758	+	3	141	GTG	TGA	0	0	
mORF_+_1767780	1767780	1767830	+	3	51	TTG	TAA	0	0	
mORF_+_1767855	1767855	1767884	+	3	30	TTG	TGA	0	0	
mORF_+_1767946	1767946	1767975	+	1	30	GTG	TAA	0	0	
mORF_+_1767954	1767954	1767995	+	3	42	GTG	TAA	0	0	
mORF_+_1768005	1768005	1768022	+	3	18	GTG	TGA	0	0	
mORF_+_1768044	1768044	1768055	+	3	12	TTG	TGA	0	0	
mORF_+_1768056	1768056	1768070	+	3	15	TTG	TGA	0	0	
mORF_+_1768083	1768083	1768100	+	3	18	TTG	TAG	0	0	
mORF_+_1768119	1768119	1768238	+	3	120	TTG	TGA	0	0	
mORF_+_1768126	1768126	1768206	+	1	81	GTG	TAA	0	0	
mORF_+_1768239	1768239	1768259	+	3	21	TTG	TGA	0	0	
mORF_+_1768256	1768256	1768360	+	2	105	TTG	TGA	0	0	
mORF_+_1768263	1768263	1768346	+	3	84	TTG	TAA	0	0	
mORF_+_1768267	1768267	1768311	+	1	45	TTG	TAG	0	0	

mORF_+_1768379	1768379	1768405	+	2	27	ATG	TAA	0	0
mORF_+_1768415	1768415	1768468	+	2	54	TTG	TAG	0	0
mORF_+_1768428	1768428	1768442	+	3	15	ATG	TGA	0	0
mORF_+_1768443	1768443	1768592	+	3	150	GTG	TGA	0	0
mORF_+_1768456	1768456	1768503	+	1	48	TTG	TAA	0	0
mORF_+_1768472	1768472	1768546	+	2	75	TTG	TAA	0	0
mORF_+_1768546	1768546	1768566	+	1	21	ATG	TGA	0	0
mORF_+_1768595	1768595	1768642	+	2	48	ATG	TGA	0	0
mORF_+_1768612	1768612	1768995	+	1	384	TTG	TAA	0	0
mORF_+_1768623	1768623	1768652	+	3	30	ATG	TGA	0	0
mORF_+_1768649	1768649	1768684	+	2	36	ATG	TGA	0	0
mORF_+_1768688	1768688	1768780	+	2	93	TTG	TAG	0	0
mORF_+_1768695	1768695	1768724	+	3	30	ATG	TGA	0	0
mORF_+_1768743	1768743	1768772	+	3	30	GTG	TGA	0	0
mORF_+_1768826	1768826	1768837	+	2	12	ATG	TAG	0	0
mORF_+_1768916	1768916	1768954	+	2	39	ATG	TAG	0	0
mORF_+_1768967	1768967	1769071	+	2	105	ATG	TAA	0	0
mORF_+_1768989	1768989	1769048	+	3	60	TTG	TGA	0	0
mORF_+_1769014	1769014	1769034	+	1	21	TTG	TAA	0	0
mORF_+_1769079	1769079	1769138	+	3	60	TTG	TAA	0	0
mORF_+_1769095	1769095	1770309	+	1	1215	ATG	TAA	0	0
mORF_+_1769123	1769123	1769170	+	2	48	TTG	TGA	0	0
mORF_+_1769202	1769202	1769213	+	3	12	TTG	TAA	0	0
mORF_+_1769213	1769213	1769233	+	2	21	ATG	TAG	0	0
mORF_+_1769252	1769252	1769263	+	2	12	TTG	TAA	0	0
mORF_+_1769264	1769264	1769455	+	2	192	GTG	TGA	0	0
mORF_+_1769331	1769331	1769375	+	3	45	GTG	TAA	0	0
mORF_+_1769507	1769507	1769539	+	2	33	TTG	TAA	0	0
mORF_+_1769556	1769556	1769564	+	3	9	GTG	TGA	0	0
mORF_+_1769568	1769568	1769615	+	3	48	GTG	TAA	0	0
mORF_+_1769591	1769591	1769677	+	2	87	TTG	TAA	0	0
mORF_+_1769634	1769634	1769777	+	3	144	TTG	TAG	0	0
mORF_+_1769741	1769741	1769929	+	2	189	ATG	TGA	0	0
mORF_+_1769781	1769781	1769903	+	3	123	GTG	TAA	0	0
mORF_+_1769954	1769954	1769998	+	2	45	TTG	TGA	0	0
mORF_+_1770005	1770005	1770058	+	2	54	TTG	TGA	0	0
mORF_+_1770116	1770116	1770151	+	2	36	GTG	TGA	0	0
mORF_+_1770179	1770179	1770283	+	2	105	TTG	TAA	0	0
mORF_+_1770192	1770192	1770353	+	3	162	GTG	TAA	0	0
mORF_+_1770290	1770290	1770349	+	2	60	ATG	TAA	0	0
mORF_+_1770398	1770398	1770466	+	2	69	ATG	TAG	0	0
mORF_+_1770403	1770403	1770477	+	1	75	ATG	TAA	0	0
mORF_+_1770530	1770530	1771801	+	2	1272	GTG	TAA	0	0
mORF_+_1770583	1770583	1770618	+	1	36	TTG	TAG	0	0
mORF_+_1770618	1770618	1770695	+	3	78	GTG	TAA	0	0
mORF_+_1770741	1770741	1770746	+	3	6	GTG	TGA	0	0
mORF_+_1770759	1770759	1770776	+	3	18	TTG	TGA	0	0
mORF_+_1770813	1770813	1770839	+	3	27	TTG	TAA	0	0
mORF_+_1770826	1770826	1770879	+	1	54	TTG	TAA	0	0
mORF_+_1770897	1770897	1771004	+	3	108	GTG	TGA	0	0
mORF_+_1770919	1770919	1770960	+	1	42	ATG	TAA	0	0
mORF_+_1771038	1771038	1771046	+	3	9	ATG	TGA	0	0
mORF_+_1771065	1771065	1771073	+	3	9	TTG	TGA	0	0
mORF_+_1771134	1771134	1771151	+	3	18	ATG	TGA	0	0
mORF_+_1771179	1771179	1771205	+	3	27	GTG	TAG	0	0
mORF_+_1771224	1771224	1771229	+	3	6	ATG	TGA	0	0
mORF_+_1771230	1771230	1771292	+	3	63	TTG	TAA	0	0
mORF_+_1771237	1771237	1771284	+	1	48	GTG	TGA	0	0
mORF_+_1771329	1771329	1771355	+	3	27	GTG	TGA	0	0
mORF_+_1771383	1771383	1771412	+	3	30	ATG	TAA	0	0
mORF_+_1771450	1771450	1771590	+	1	141	GTG	TAA	0	0
mORF_+_1771455	1771455	1771571	+	3	117	ATG	TGA	0	0
mORF_+_1771578	1771578	1771607	+	3	30	GTG	TGA	0	0

mORF_+_1771647	1771647	1771682	+	3	36	TTG	TGA	0	0	
mORF_+_1771695	1771695	1771778	+	3	84	TTG	TAA	0	0	
mORF_+_1771765	1771765	1771788	+	1	24	TTG	TAA	0	0	
mORF_+_1771813	1771813	1772679	+	1	867	ATG	TGA	1	4	pORF_+_1771813
mORF_+_1771817	1771817	1771840	+	2	24	ATG	TGA	0	0	
mORF_+_1771841	1771841	1771849	+	2	9	TTG	TGA	0	0	
mORF_+_1771970	1771970	1771981	+	2	12	TTG	TAA	0	0	
mORF_+_1772006	1772006	1772056	+	2	51	GTG	TAA	0	0	
mORF_+_1772034	1772034	1772039	+	3	6	GTG	TGA	0	0	
mORF_+_1772099	1772099	1772203	+	2	105	ATG	TAG	0	0	
mORF_+_1772210	1772210	1772257	+	2	48	GTG	TAA	0	0	
mORF_+_1772285	1772285	1772413	+	2	129	ATG	TAA	0	0	
mORF_+_1772340	1772340	1772387	+	3	48	TTG	TGA	0	0	
mORF_+_1772417	1772417	1772437	+	2	21	ATG	TGA	0	0	
mORF_+_1772444	1772444	1772527	+	2	84	TTG	TGA	0	0	
mORF_+_1772505	1772505	1772516	+	3	12	ATG	TAA	0	0	
mORF_+_1772559	1772559	1772573	+	3	15	TTG	TGA	0	0	
mORF_+_1772570	1772570	1772713	+	2	144	TTG	TGA	0	0	
mORF_+_1772592	1772592	1772606	+	3	15	GTG	TGA	0	0	
mORF_+_1772619	1772619	1772654	+	3	36	ATG	TAA	0	0	
mORF_+_1772692	1772692	1772706	+	1	15	GTG	TAA	0	0	
mORF_+_1772710	1772710	1773468	+	1	759	ATG	TAA	19	147	pORF_+_1772710
mORF_+_1772741	1772741	1772776	+	2	36	TTG	TGA	0	0	
mORF_+_1772822	1772822	1773046	+	2	225	GTG	TGA	0	0	
mORF_+_1772847	1772847	1772918	+	3	72	ATG	TGA	0	0	
mORF_+_1773068	1773068	1773118	+	2	51	GTG	TGA	0	0	
mORF_+_1773137	1773137	1773229	+	2	93	ATG	TGA	0	0	
mORF_+_1773248	1773248	1773256	+	2	9	ATG	TGA	0	0	
mORF_+_1773263	1773263	1773340	+	2	78	TTG	TAA	0	0	
mORF_+_1773356	1773356	1773394	+	2	39	GTG	TAA	0	0	
mORF_+_1773428	1773428	1773448	+	2	21	ATG	TAA	0	0	
mORF_+_1773545	1773545	1773580	+	2	36	GTG	TAG	0	0	
mORF_+_1773555	1773555	1773563	+	3	9	GTG	TAA	0	0	
mORF_+_1773611	1773611	1775206	+	2	1596	ATG	TAA	0	0	
mORF_+_1773639	1773639	1773677	+	3	39	ATG	TGA	0	0	
mORF_+_1773703	1773703	1773765	+	1	63	TTG	TGA	0	0	
mORF_+_1773705	1773705	1773713	+	3	9	GTG	TAG	0	0	
mORF_+_1773759	1773759	1773875	+	3	117	TTG	TGA	0	0	
mORF_+_1773877	1773877	1773921	+	1	45	ATG	TGA	0	0	
mORF_+_1773888	1773888	1774073	+	3	186	GTG	TGA	0	0	
mORF_+_1774074	1774074	1774097	+	3	24	ATG	TGA	0	0	
mORF_+_1774113	1774113	1774220	+	3	108	TTG	TGA	0	0	
mORF_+_1774242	1774242	1774277	+	3	36	TTG	TGA	0	0	
mORF_+_1774356	1774356	1774466	+	3	111	TTG	TAA	0	0	
mORF_+_1774482	1774482	1774601	+	3	120	TTG	TGA	0	0	
mORF_+_1774579	1774579	1774587	+	1	9	TTG	TGA	0	0	
mORF_+_1774620	1774620	1774664	+	3	45	TTG	TGA	0	0	
mORF_+_1774671	1774671	1774688	+	3	18	GTG	TGA	0	0	
mORF_+_1774698	1774698	1774739	+	3	42	TTG	TGA	0	0	
mORF_+_1774729	1774729	1774749	+	1	21	TTG	TGA	0	0	
mORF_+_1774743	1774743	1774865	+	3	123	TTG	TAA	0	0	
mORF_+_1774998	1774998	1775036	+	3	39	ATG	TGA	0	0	
mORF_+_1775166	1775166	1776371	+	3	1206	ATG	TAA	0	0	
mORF_+_1775338	1775338	1775442	+	1	105	GTG	TGA	0	0	
mORF_+_1775456	1775456	1775539	+	2	84	ATG	TAA	0	0	
mORF_+_1775461	1775461	1775478	+	1	18	GTG	TAA	0	0	
mORF_+_1775566	1775566	1775592	+	1	27	GTG	TGA	0	0	
mORF_+_1775602	1775602	1775922	+	1	321	GTG	TGA	0	0	
mORF_+_1775768	1775768	1775788	+	2	21	GTG	TAA	0	0	
mORF_+_1775932	1775932	1775949	+	1	18	TTG	TGA	0	0	
mORF_+_1775974	1775974	1776057	+	1	84	TTG	TGA	0	0	
mORF_+_1775981	1775981	1775992	+	2	12	ATG	TGA	0	0	
mORF_+_1776125	1776125	1776211	+	2	87	ATG	TGA	0	0	

mORF_+_1776184	1776184	1776324	+	1	141	GTG	TGA	0	0
mORF_+_1776287	1776287	1776292	+	2	6	TTG	TGA	0	0
mORF_+_1776435	1776435	1776452	+	3	18	TTG	TAG	0	0
mORF_+_1776459	1776459	1776587	+	3	129	TTG	TGA	0	0
mORF_+_1776532	1776532	1776543	+	1	12	TTG	TGA	0	0
mORF_+_1776584	1776584	1776601	+	2	18	GTG	TAG	0	0
mORF_+_1776601	1776601	1776636	+	1	36	GTG	TGA	0	0
mORF_+_1776605	1776605	1776640	+	2	36	GTG	TAA	0	0
mORF_+_1776633	1776633	1776722	+	3	90	TTG	TAA	0	0
mORF_+_1776670	1776670	1776693	+	1	24	TTG	TAA	0	0
mORF_+_1776733	1776733	1776750	+	1	18	GTG	TAA	0	0
mORF_+_1776850	1776850	1776864	+	1	15	ATG	TAG	0	0
mORF_+_1776869	1776869	1776934	+	2	66	ATG	TAA	0	0
mORF_+_1776891	1776891	1776926	+	3	36	TTG	TAG	0	0
mORF_+_1776946	1776946	1777005	+	1	60	ATG	TGA	0	0
mORF_+_1776987	1776987	1777001	+	3	15	ATG	TAG	0	0
mORF_+_1777058	1777058	1777072	+	2	15	TTG	TAA	0	0
mORF_+_1777089	1777089	1777142	+	3	54	ATG	TAA	0	0
mORF_+_1777117	1777117	1777185	+	1	69	ATG	TAA	0	0
mORF_+_1777130	1777130	1777159	+	2	30	GTG	TAA	0	0
mORF_+_1777163	1777163	1777180	+	2	18	TTG	TGA	0	0
mORF_+_1777201	1777201	1777209	+	1	9	TTG	TGA	0	0
mORF_+_1777206	1777206	1777259	+	3	54	ATG	TGA	0	0
mORF_+_1777232	1777232	1777246	+	2	15	TTG	TAA	0	0
mORF_+_1777247	1777247	1777327	+	2	81	ATG	TGA	0	0
mORF_+_1777317	1777317	1777346	+	3	30	TTG	TGA	0	0
mORF_+_1777324	1777324	1777374	+	1	51	ATG	TAA	0	0
mORF_+_1777343	1777343	1777411	+	2	69	ATG	TAG	0	0
mORF_+_1777383	1777383	1777421	+	3	39	GTG	TAA	0	0
mORF_+_1777441	1777441	1777467	+	1	27	ATG	TAA	0	0
mORF_+_1777449	1777449	1777499	+	3	51	TTG	TAG	0	0
mORF_+_1777483	1777483	1777644	+	1	162	TTG	TGA	0	0
mORF_+_1777514	1777514	1777663	+	2	150	TTG	TAA	0	0
mORF_+_1777542	1777542	1778405	+	3	864	TTG	TGA	0	0
mORF_+_1777687	1777687	1777713	+	1	27	TTG	TGA	0	0
mORF_+_1777723	1777723	1777803	+	1	81	ATG	TAG	0	0
mORF_+_1777816	1777816	1777980	+	1	165	TTG	TGA	0	0
mORF_+_1777984	1777984	1778058	+	1	75	TTG	TGA	0	0
mORF_+_1778062	1778062	1778070	+	1	9	ATG	TGA	0	0
mORF_+_1778071	1778071	1778103	+	1	33	GTG	TGA	0	0
mORF_+_1778104	1778104	1778205	+	1	102	TTG	TGA	0	0
mORF_+_1778243	1778243	1778257	+	2	15	GTG	TGA	0	0
mORF_+_1778254	1778254	1778388	+	1	135	GTG	TGA	0	0
mORF_+_1778425	1778425	1779363	+	1	939	ATG	TAA	0	0
mORF_+_1778474	1778474	1778650	+	2	177	ATG	TGA	0	0
mORF_+_1778502	1778502	1778618	+	3	117	ATG	TGA	0	0
mORF_+_1778693	1778693	1778719	+	2	27	GTG	TAA	0	0
mORF_+_1778720	1778720	1778731	+	2	12	GTG	TGA	0	0
mORF_+_1778732	1778732	1778746	+	2	15	ATG	TGA	0	0
mORF_+_1778750	1778750	1778815	+	2	66	ATG	TAG	0	0
mORF_+_1778784	1778784	1778894	+	3	111	TTG	TGA	0	0
mORF_+_1778861	1778861	1778998	+	2	138	TTG	TGA	0	0
mORF_+_1778907	1778907	1778948	+	3	42	GTG	TGA	0	0
mORF_+_1779011	1779011	1779055	+	2	45	GTG	TAA	0	0
mORF_+_1779086	1779086	1779175	+	2	90	ATG	TGA	0	0
mORF_+_1779227	1779227	1779250	+	2	24	TTG	TGA	0	0
mORF_+_1779251	1779251	1779343	+	2	93	TTG	TGA	0	0
mORF_+_1779419	1779419	1780708	+	2	1290	ATG	TGA	0	0
mORF_+_1779426	1779426	1779518	+	3	93	ATG	TGA	0	0
mORF_+_1779534	1779534	1779554	+	3	21	GTG	TGA	0	0
mORF_+_1779541	1779541	1779546	+	1	6	ATG	TAA	0	0
mORF_+_1779570	1779570	1779623	+	3	54	ATG	TAG	0	0
mORF_+_1779705	1779705	1779761	+	3	57	ATG	TGA	0	0

mORF_+_1779754	1779754	1779828	+	1	75	GTG	TGA	0	0
mORF_+_1779825	1779825	1779887	+	3	63	GTG	TGA	0	0
mORF_+_1779897	1779897	1780079	+	3	183	ATG	TGA	0	0
mORF_+_1780132	1780132	1780146	+	1	15	TTG	TGA	0	0
mORF_+_1780134	1780134	1780220	+	3	87	GTG	TGA	0	0
mORF_+_1780239	1780239	1780310	+	3	72	TTG	TGA	0	0
mORF_+_1780317	1780317	1780343	+	3	27	TTG	TGA	0	0
mORF_+_1780380	1780380	1780412	+	3	33	TTG	TGA	0	0
mORF_+_1780467	1780467	1780529	+	3	63	GTG	TGA	0	0
mORF_+_1780644	1780644	1780664	+	3	21	ATG	TGA	0	0
mORF_+_1780680	1780680	1780727	+	3	48	ATG	TAA	0	0
mORF_+_1780705	1780705	1780998	+	1	294	ATG	TAA	0	0
mORF_+_1780760	1780760	1780828	+	2	69	ATG	TAA	0	0
mORF_+_1780862	1780862	1781032	+	2	171	ATG	TGA	0	0
mORF_+_1780896	1780896	1780934	+	3	39	TTG	TAA	0	0
mORF_+_1780950	1780950	1780982	+	3	33	GTG	TGA	0	0
mORF_+_1781001	1781001	1782701	+	3	1701	ATG	TAA	0	0
mORF_+_1781032	1781032	1781058	+	1	27	ATG	TGA	0	0
mORF_+_1781089	1781089	1781259	+	1	171	GTG	TAG	0	0
mORF_+_1781114	1781114	1781191	+	2	78	ATG	TAA	0	0
mORF_+_1781269	1781269	1781343	+	1	75	TTG	TGA	0	0
mORF_+_1781309	1781309	1781314	+	2	6	GTG	TGA	0	0
mORF_+_1781350	1781350	1781469	+	1	120	GTG	TAG	0	0
mORF_+_1781399	1781399	1781413	+	2	15	GTG	TAA	0	0
mORF_+_1781414	1781414	1781452	+	2	39	GTG	TAA	0	0
mORF_+_1781515	1781515	1781562	+	1	48	TTG	TAA	0	0
mORF_+_1781617	1781617	1781625	+	1	9	ATG	TAG	0	0
mORF_+_1781701	1781701	1781727	+	1	27	GTG	TGA	0	0
mORF_+_1781714	1781714	1781854	+	2	141	TTG	TGA	0	0
mORF_+_1781743	1781743	1781754	+	1	12	ATG	TGA	0	0
mORF_+_1781767	1781767	1781799	+	1	33	TTG	TAA	0	0
mORF_+_1781815	1781815	1781838	+	1	24	TTG	TAG	0	0
mORF_+_1781854	1781854	1781931	+	1	78	ATG	TGA	0	0
mORF_+_1781858	1781858	1781875	+	2	18	GTG	TGA	0	0
mORF_+_1781885	1781885	1781923	+	2	39	TTG	TGA	0	0
mORF_+_1781932	1781932	1781940	+	1	9	ATG	TAG	0	0
mORF_+_1781981	1781981	1782019	+	2	39	TTG	TGA	0	0
mORF_+_1782016	1782016	1782048	+	1	33	GTG	TAA	0	0
mORF_+_1782020	1782020	1782040	+	2	21	ATG	TAA	0	0
mORF_+_1782049	1782049	1782090	+	1	42	GTG	TGA	0	0
mORF_+_1782097	1782097	1782150	+	1	54	ATG	TAG	0	0
mORF_+_1782166	1782166	1782261	+	1	96	ATG	TAA	0	0
mORF_+_1782194	1782194	1782205	+	2	12	TTG	TGA	0	0
mORF_+_1782268	1782268	1782336	+	1	69	GTG	TAA	0	0
mORF_+_1782364	1782364	1782471	+	1	108	TTG	TAG	0	0
mORF_+_1782472	1782472	1782501	+	1	30	GTG	TGA	0	0
mORF_+_1782482	1782482	1782550	+	2	69	ATG	TAG	0	0
mORF_+_1782679	1782679	1782738	+	1	60	ATG	TAA	0	0
mORF_+_1782791	1782791	1783033	+	2	243	TTG	TGA	0	0
mORF_+_1782801	1782801	1782881	+	3	81	GTG	TGA	0	0
mORF_+_1782847	1782847	1782927	+	1	81	ATG	TAG	0	0
mORF_+_1782900	1782900	1783148	+	3	249	TTG	TGA	0	0
mORF_+_1782940	1782940	1783110	+	1	171	GTG	TGA	0	0
mORF_+_1783206	1783206	1783301	+	3	96	ATG	TAG	0	0
mORF_+_1783371	1783371	1783427	+	3	57	TTG	TAA	0	0
mORF_+_1783523	1783523	1783633	+	2	111	TTG	TAG	0	0
mORF_+_1783558	1783558	1783590	+	1	33	GTG	TGA	0	0
mORF_+_1783587	1783587	1783751	+	3	165	TTG	TAG	0	0
mORF_+_1783785	1783785	1783877	+	3	93	GTG	TGA	0	0
mORF_+_1783816	1783816	1783866	+	1	51	TTG	TGA	0	0
mORF_+_1783874	1783874	1784077	+	2	204	GTG	TGA	0	0
mORF_+_1783896	1783896	1784039	+	3	144	TTG	TGA	0	0
mORF_+_1783912	1783912	1783926	+	1	15	ATG	TGA	0	0

mORF_+_1784074	1784074	1784100	+	1	27	GTG	TGA	0	0	
mORF_+_1784078	1784078	1784113	+	2	36	ATG	TGA	0	0	
mORF_+_1784097	1784097	1784105	+	3	9	ATG	TGA	0	0	
mORF_+_1784110	1784110	1784145	+	1	36	GTG	TGA	0	0	
mORF_+_1784142	1784142	1784201	+	3	60	ATG	TAG	0	0	
mORF_+_1784159	1784159	1784533	+	2	375	GTG	TGA	0	0	
mORF_+_1784227	1784227	1784301	+	1	75	TTG	TAA	0	0	
mORF_+_1784250	1784250	1784333	+	3	84	TTG	TAA	0	0	
mORF_+_1784337	1784337	1784414	+	3	78	ATG	TAA	0	0	
mORF_+_1784395	1784395	1784430	+	1	36	GTG	TAA	0	0	
mORF_+_1784464	1784464	1784475	+	1	12	ATG	TGA	0	0	
mORF_+_1784472	1784472	1784561	+	3	90	GTG	TGA	0	0	
mORF_+_1784530	1784530	1784634	+	1	105	ATG	TAA	0	0	
mORF_+_1784558	1784558	1785118	+	2	561	TTG	TGA	0	0	
mORF_+_1784619	1784619	1784687	+	3	69	ATG	TGA	0	0	
mORF_+_1784691	1784691	1784711	+	3	21	TTG	TGA	0	0	
mORF_+_1784745	1784745	1784804	+	3	60	GTG	TAG	0	0	
mORF_+_1784797	1784797	1784853	+	1	57	GTG	TAA	0	0	
mORF_+_1784814	1784814	1784891	+	3	78	ATG	TGA	0	0	
mORF_+_1784931	1784931	1785161	+	3	231	ATG	TGA	0	0	
mORF_+_1784983	1784983	1785030	+	1	48	TTG	TAG	0	0	
mORF_+_1785115	1785115	1785207	+	1	93	GTG	TAA	0	0	
mORF_+_1785149	1785149	1785154	+	2	6	TTG	TGA	0	0	
mORF_+_1785158	1785158	1785325	+	2	168	ATG	TAA	0	0	
mORF_+_1785276	1785276	1785359	+	3	84	TTG	TAA	0	0	
mORF_+_1785340	1785340	1785366	+	1	27	ATG	TAA	0	0	
mORF_+_1785369	1785369	1785398	+	3	30	TTG	TAA	0	0	
mORF_+_1785413	1785413	1785424	+	2	12	GTG	TAA	0	0	
mORF_+_1785428	1785428	1785439	+	2	12	ATG	TAG	0	0	
mORF_+_1785444	1785444	1785476	+	3	33	ATG	TAA	0	0	
mORF_+_1785469	1785469	1786302	+	1	834	ATG	TAG	10	32	pORF_+_1785469
mORF_+_1785476	1785476	1785523	+	2	48	ATG	TAA	0	0	
mORF_+_1785593	1785593	1785625	+	2	33	TTG	TGA	0	0	
mORF_+_1785635	1785635	1785781	+	2	147	TTG	TGA	0	0	
mORF_+_1785732	1785732	1785824	+	3	93	TTG	TAA	0	0	
mORF_+_1785800	1785800	1785928	+	2	129	TTG	TGA	0	0	
mORF_+_1785938	1785938	1786090	+	2	153	GTG	TGA	0	0	
mORF_+_1786148	1786148	1786246	+	2	99	ATG	TAG	0	0	
mORF_+_1786164	1786164	1786205	+	3	42	GTG	TAA	0	0	
mORF_+_1786218	1786218	1786226	+	3	9	GTG	TAA	0	0	
mORF_+_1786253	1786253	1786318	+	2	66	TTG	TAG	0	0	
mORF_+_1786328	1786328	1786342	+	2	15	TTG	TAA	0	0	
mORF_+_1786336	1786336	1787505	+	1	1170	ATG	TGA	24	101	pORF_+_1786336
mORF_+_1786355	1786355	1786360	+	2	6	GTG	TGA	0	0	
mORF_+_1786373	1786373	1786402	+	2	30	TTG	TGA	0	0	
mORF_+_1786389	1786389	1786433	+	3	45	TTG	TAG	0	0	
mORF_+_1786454	1786454	1786459	+	2	6	TTG	TAA	0	0	
mORF_+_1786493	1786493	1786507	+	2	15	TTG	TAA	0	0	
mORF_+_1786559	1786559	1786597	+	2	39	ATG	TGA	0	0	
mORF_+_1786598	1786598	1786726	+	2	129	ATG	TAA	0	0	
mORF_+_1786739	1786739	1786777	+	2	39	TTG	TAA	0	0	
mORF_+_1786856	1786856	1786900	+	2	45	ATG	TGA	0	0	
mORF_+_1786913	1786913	1786924	+	2	12	TTG	TAA	0	0	
mORF_+_1786929	1786929	1787012	+	3	84	TTG	TAA	0	0	
mORF_+_1786940	1786940	1787005	+	2	66	TTG	TAG	0	0	
mORF_+_1787015	1787015	1787110	+	2	96	ATG	TGA	0	0	
mORF_+_1787138	1787138	1787293	+	2	156	ATG	TAG	0	0	
mORF_+_1787298	1787298	1787303	+	3	6	TTG	TGA	0	0	
mORF_+_1787300	1787300	1787491	+	2	192	GTG	TAG	0	0	
mORF_+_1787310	1787310	1787591	+	3	282	TTG	TAA	0	0	
mORF_+_1787506	1787506	1787523	+	1	18	ATG	TGA	0	0	
mORF_+_1787510	1787510	1787653	+	2	144	GTG	TAG	0	0	
mORF_+_1787610	1787610	1787828	+	3	219	TTG	TAG	0	0	

mORF_+_1787677	1787677	1787739	+	1	63	ATG	TAG	0	0
mORF_+_1787746	1787746	1787757	+	1	12	ATG	TGA	0	0
mORF_+_1787767	1787767	1787820	+	1	54	ATG	TGA	0	0
mORF_+_1787873	1787873	1787884	+	2	12	GTG	TGA	0	0
mORF_+_1787928	1787928	1788134	+	3	207	ATG	TAG	0	0
mORF_+_1787995	1787995	1788039	+	1	45	TTG	TGA	0	0
mORF_+_1788104	1788104	1788121	+	2	18	ATG	TAA	0	0
mORF_+_1788137	1788137	1788220	+	2	84	GTG	TGA	0	0
mORF_+_1788150	1788150	1788224	+	3	75	GTG	TAA	0	0
mORF_+_1788172	1788172	1788192	+	1	21	ATG	TAA	0	0
mORF_+_1788252	1788252	1788389	+	3	138	TTG	TAA	0	0
mORF_+_1788262	1788262	1788297	+	1	36	ATG	TAA	0	0
mORF_+_1788359	1788359	1788460	+	2	102	ATG	TAA	0	0
mORF_+_1788411	1788411	1788584	+	3	174	TTG	TAA	0	0
mORF_+_1788526	1788526	1788552	+	1	27	ATG	TGA	0	0
mORF_+_1788596	1788596	1788613	+	2	18	GTG	TAA	0	0
mORF_+_1788628	1788628	1788660	+	1	33	TTG	TAA	0	0
mORF_+_1788648	1788648	1788653	+	3	6	ATG	TGA	0	0
mORF_+_1788650	1788650	1788670	+	2	21	GTG	TAG	0	0
mORF_+_1788660	1788660	1788683	+	3	24	ATG	TAA	0	0
mORF_+_1788720	1788720	1788827	+	3	108	ATG	TAA	0	0
mORF_+_1788749	1788749	1788817	+	2	69	TTG	TGA	0	0
mORF_+_1788814	1788814	1788855	+	1	42	GTG	TAA	0	0
mORF_+_1788855	1788855	1788899	+	3	45	ATG	TAA	0	0
mORF_+_1788954	1788954	1789001	+	3	48	ATG	TAA	0	0
mORF_+_1788965	1788965	1788970	+	2	6	TTG	TAG	0	0
mORF_+_1788970	1788970	1789047	+	1	78	GTG	TGA	0	0
mORF_+_1789023	1789023	1789076	+	3	54	TTG	TGA	0	0
mORF_+_1789070	1789070	1789126	+	2	57	GTG	TAA	0	0
mORF_+_1789136	1789136	1789156	+	2	21	ATG	TAG	0	0
mORF_+_1789150	1789150	1789221	+	1	72	GTG	TAG	0	0
mORF_+_1789170	1789170	1789196	+	3	27	ATG	TAA	0	0
mORF_+_1789211	1789211	1789252	+	2	42	GTG	TAA	0	0
mORF_+_1789281	1789281	1789292	+	3	12	TTG	TAG	0	0
mORF_+_1789362	1789362	1789538	+	3	177	ATG	TGA	0	0
mORF_+_1789397	1789397	1789624	+	2	228	ATG	TAA	0	0
mORF_+_1789420	1789420	1789458	+	1	39	GTG	TGA	0	0
mORF_+_1789557	1789557	1789694	+	3	138	ATG	TAA	0	0
mORF_+_1789594	1789594	1789683	+	1	90	TTG	TGA	0	0
mORF_+_1789640	1789640	1789648	+	2	9	TTG	TAA	0	0
mORF_+_1789685	1789685	1789732	+	2	48	ATG	TAA	0	0
mORF_+_1789768	1789768	1789773	+	1	6	ATG	TAG	0	0
mORF_+_1789778	1789778	1789789	+	2	12	TTG	TAA	0	0
mORF_+_1789780	1789780	1789794	+	1	15	GTG	TAA	0	0
mORF_+_1789811	1789811	1789837	+	2	27	ATG	TGA	0	0
mORF_+_1789834	1789834	1789890	+	1	57	ATG	TAA	0	0
mORF_+_1789868	1789868	1789957	+	2	90	TTG	TAA	0	0
mORF_+_1789976	1789976	1790104	+	2	129	TTG	TAA	0	0
mORF_+_1789983	1789983	1790006	+	3	24	TTG	TAG	0	0
mORF_+_1790043	1790043	1790087	+	3	45	ATG	TAA	0	0
mORF_+_1790137	1790137	1790187	+	1	51	TTG	TGA	0	0
mORF_+_1790144	1790144	1790344	+	2	201	ATG	TGA	0	0
mORF_+_1790218	1790218	1790250	+	1	33	TTG	TAA	0	0
mORF_+_1790251	1790251	1790370	+	1	120	ATG	TAG	0	0
mORF_+_1790361	1790361	1790402	+	3	42	TTG	TAA	0	0
mORF_+_1790375	1790375	1790632	+	2	258	GTG	TAG	0	0
mORF_+_1790439	1790439	1790603	+	3	165	TTG	TAA	0	0
mORF_+_1790613	1790613	1790804	+	3	192	GTG	TAA	0	0
mORF_+_1790683	1790683	1790733	+	1	51	TTG	TGA	0	0
mORF_+_1790699	1790699	1790791	+	2	93	ATG	TAA	0	0
mORF_+_1790827	1790827	1790967	+	1	141	ATG	TAG	0	0
mORF_+_1790837	1790837	1790860	+	2	24	ATG	TGA	0	0
mORF_+_1790910	1790910	1790921	+	3	12	TTG	TGA	0	0

mORF_+_1790918	1790918	1790989	+	2	72	GTG	TGA	0	0
mORF_+_1790980	1790980	1791069	+	1	90	ATG	TAA	0	0
mORF_+_1790994	1790994	1791005	+	3	12	ATG	TGA	0	0
mORF_+_1790996	1790996	1791013	+	2	18	GTG	TGA	0	0
mORF_+_1791062	1791062	1791208	+	2	147	TTG	TGA	0	0
mORF_+_1791076	1791076	1791267	+	1	192	TTG	TAG	0	0
mORF_+_1791144	1791144	1791152	+	3	9	GTG	TGA	0	0
mORF_+_1791209	1791209	1791292	+	2	84	TTG	TGA	0	0
mORF_+_1791286	1791286	1791348	+	1	63	GTG	TGA	0	0
mORF_+_1791297	1791297	1791545	+	3	249	GTG	TAG	0	0
mORF_+_1791361	1791361	1791459	+	1	99	ATG	TAA	0	0
mORF_+_1791416	1791416	1791604	+	2	189	ATG	TAA	0	0
mORF_+_1791493	1791493	1791564	+	1	72	GTG	TAA	0	0
mORF_+_1791604	1791604	1791756	+	1	153	ATG	TAG	0	0
mORF_+_1791725	1791725	1791742	+	2	18	GTG	TGA	0	0
mORF_+_1791807	1791807	1792019	+	3	213	TTG	TAA	0	0
mORF_+_1791875	1791875	1791898	+	2	24	ATG	TAA	0	0
mORF_+_1791877	1791877	1791891	+	1	15	GTG	TAA	0	0
mORF_+_1791937	1791937	1791987	+	1	51	TTG	TGA	0	0
mORF_+_1792028	1792028	1792042	+	2	15	TTG	TGA	0	0
mORF_+_1792039	1792039	1792158	+	1	120	TTG	TAA	0	0
mORF_+_1792128	1792128	1792199	+	3	72	TTG	TAA	0	0
mORF_+_1792148	1792148	1792174	+	2	27	GTG	TAA	0	0
mORF_+_1792190	1792190	1792213	+	2	24	TTG	TAA	0	0
mORF_+_1792246	1792246	1792254	+	1	9	TTG	TGA	0	0
mORF_+_1792251	1792251	1792364	+	3	114	GTG	TGA	0	0
mORF_+_1792285	1792285	1792413	+	1	129	ATG	TAA	0	0
mORF_+_1792361	1792361	1792372	+	2	12	ATG	TAA	0	0
mORF_+_1792391	1792391	1792501	+	2	111	ATG	TAA	0	0
mORF_+_1792479	1792479	1792559	+	3	81	TTG	TGA	0	0
mORF_+_1792508	1792508	1792537	+	2	30	TTG	TAA	0	0
mORF_+_1792531	1792531	1792689	+	1	159	GTG	TAG	0	0
mORF_+_1792607	1792607	1792672	+	2	66	TTG	TGA	0	0
mORF_+_1792674	1792674	1792685	+	3	12	GTG	TAG	0	0
mORF_+_1792702	1792702	1792716	+	1	15	GTG	TAA	0	0
mORF_+_1792723	1792723	1792794	+	1	72	ATG	TGA	0	0
mORF_+_1792760	1792760	1792780	+	2	21	ATG	TAA	0	0
mORF_+_1792791	1792791	1793234	+	3	444	GTG	TGA	0	0
mORF_+_1792844	1792844	1792909	+	2	66	TTG	TAG	0	0
mORF_+_1793002	1793002	1793046	+	1	45	GTG	TAA	0	0
mORF_+_1793015	1793015	1793092	+	2	78	TTG	TAA	0	0
mORF_+_1793144	1793144	1793209	+	2	66	TTG	TGA	0	0
mORF_+_1793167	1793167	1793193	+	1	27	GTG	TGA	0	0
mORF_+_1793200	1793200	1793220	+	1	21	ATG	TGA	0	0
mORF_+_1793231	1793231	1793266	+	2	36	GTG	TAG	0	0
mORF_+_1793287	1793287	1793403	+	1	117	TTG	TGA	0	0
mORF_+_1793351	1793351	1793359	+	2	9	GTG	TAA	0	0
mORF_+_1793400	1793400	1793552	+	3	153	TTG	TGA	0	0
mORF_+_1793506	1793506	1793595	+	1	90	TTG	TGA	0	0
mORF_+_1793564	1793564	1793569	+	2	6	TTG	TAA	0	0
mORF_+_1793592	1793592	1793642	+	3	51	ATG	TAG	0	0
mORF_+_1793630	1793630	1793770	+	2	141	TTG	TGA	0	0
mORF_+_1793664	1793664	1793945	+	3	282	GTG	TAA	0	0
mORF_+_1793680	1793680	1793751	+	1	72	TTG	TAA	0	0
mORF_+_1793840	1793840	1793884	+	2	45	ATG	TGA	0	0
mORF_+_1793906	1793906	1793974	+	2	69	TTG	TGA	0	0
mORF_+_1793971	1793971	1794195	+	1	225	ATG	TAA	0	0
mORF_+_1794039	1794039	1794437	+	3	399	GTG	TGA	0	0
mORF_+_1794212	1794212	1794229	+	2	18	ATG	TGA	0	0
mORF_+_1794263	1794263	1794283	+	2	21	ATG	TGA	0	0
mORF_+_1794293	1794293	1794433	+	2	141	TTG	TAG	0	0
mORF_+_1794394	1794394	1794747	+	1	354	ATG	TAG	0	0
mORF_+_1794434	1794434	1794448	+	2	15	GTG	TGA	0	0

mORF_+_1794455	1794455	1794508	+	2	54	TTG	TGA	0	0	
mORF_+_1794525	1794525	1794752	+	3	228	TTG	TGA	0	0	
mORF_+_1794548	1794548	1794559	+	2	12	ATG	TAG	0	0	
mORF_+_1794647	1794647	1794712	+	2	66	TTG	TGA	0	0	
mORF_+_1794734	1794734	1794892	+	2	159	TTG	TAA	0	0	
mORF_+_1794756	1794756	1794788	+	3	33	TTG	TGA	0	0	
mORF_+_1794859	1794859	1795461	+	1	603	GTG	TAA	1	2	pORF_+_1794859
mORF_+_1794867	1794867	1794941	+	3	75	GTG	TGA	0	0	
mORF_+_1794938	1794938	1795207	+	2	270	GTG	TAG	0	0	
mORF_+_1794984	1794984	1795061	+	3	78	GTG	TGA	0	0	
mORF_+_1795208	1795208	1795324	+	2	117	TTG	TAA	0	0	
mORF_+_1795281	1795281	1795292	+	3	12	TTG	TAA	0	0	
mORF_+_1795364	1795364	1795405	+	2	42	GTG	TGA	0	0	
mORF_+_1795451	1795451	1795579	+	2	129	ATG	TGA	0	0	
mORF_+_1795476	1795476	1795490	+	3	15	TTG	TGA	0	0	
mORF_+_1795576	1795576	1795947	+	1	372	GTG	TAA	0	0	
mORF_+_1795589	1795589	1795714	+	2	126	ATG	TGA	0	0	
mORF_+_1795722	1795722	1795892	+	3	171	TTG	TAG	0	0	
mORF_+_1795739	1795739	1795900	+	2	162	ATG	TGA	0	0	
mORF_+_1795902	1795902	1795961	+	3	60	TTG	TGA	0	0	
mORF_+_1795996	1795996	1796049	+	1	54	TTG	TAA	0	0	
mORF_+_1796024	1796024	1796041	+	2	18	ATG	TGA	0	0	
mORF_+_1796113	1796113	1796229	+	1	117	ATG	TAG	0	0	
mORF_+_1796139	1796139	1796855	+	3	717	ATG	TAA	0	0	
mORF_+_1796290	1796290	1796346	+	1	57	GTG	TGA	0	0	
mORF_+_1796359	1796359	1796364	+	1	6	GTG	TGA	0	0	
mORF_+_1796404	1796404	1796526	+	1	123	ATG	TGA	0	0	
mORF_+_1796417	1796417	1796482	+	2	66	GTG	TAG	0	0	
mORF_+_1796533	1796533	1796556	+	1	24	ATG	TGA	0	0	
mORF_+_1796582	1796582	1796593	+	2	12	TTG	TAA	0	0	
mORF_+_1796629	1796629	1796766	+	1	138	ATG	TGA	0	0	
mORF_+_1796720	1796720	1796788	+	2	69	GTG	TGA	0	0	
mORF_+_1796785	1796785	1796847	+	1	63	TTG	TGA	0	0	
mORF_+_1796856	1796856	1796897	+	3	42	GTG	TAA	0	0	
mORF_+_1796923	1796923	1797012	+	1	90	ATG	TAG	0	0	
mORF_+_1796958	1796958	1796963	+	3	6	ATG	TGA	0	0	
mORF_+_1796960	1796960	1796992	+	2	33	GTG	TGA	0	0	
mORF_+_1797003	1797003	1797083	+	3	81	TTG	TAA	0	0	
mORF_+_1797038	1797038	1797142	+	2	105	TTG	TGA	0	0	
mORF_+_1797046	1797046	1797354	+	1	309	TTG	TAA	0	0	
mORF_+_1797111	1797111	1797239	+	3	129	GTG	TAG	0	0	
mORF_+_1797254	1797254	1797265	+	2	12	GTG	TAA	0	0	
mORF_+_1797294	1797294	1797398	+	3	105	TTG	TAG	0	0	
mORF_+_1797361	1797361	1797369	+	1	9	ATG	TGA	0	0	
mORF_+_1797419	1797419	1797457	+	2	39	ATG	TGA	0	0	
mORF_+_1797454	1797454	1797549	+	1	96	GTG	TAA	0	0	
mORF_+_1797566	1797566	1797580	+	2	15	GTG	TGA	0	0	
mORF_+_1797577	1797577	1797600	+	1	24	TTG	TGA	0	0	
mORF_+_1797597	1797597	1797800	+	3	204	TTG	TAA	0	0	
mORF_+_1797652	1797652	1797702	+	1	51	TTG	TAG	0	0	
mORF_+_1797730	1797730	1797735	+	1	6	TTG	TGA	0	0	
mORF_+_1797737	1797737	1797751	+	2	15	GTG	TAA	0	0	
mORF_+_1797776	1797776	1797898	+	2	123	GTG	TGA	0	0	
mORF_+_1797828	1797828	1797944	+	3	117	ATG	TAG	0	0	
mORF_+_1797895	1797895	1798506	+	1	612	GTG	TAA	0	0	
mORF_+_1797908	1797908	1797934	+	2	27	TTG	TGA	0	0	
mORF_+_1797950	1797950	1798051	+	2	102	TTG	TAA	0	0	
mORF_+_1798017	1798017	1798028	+	3	12	TTG	TAA	0	0	
mORF_+_1798079	1798079	1798114	+	2	36	GTG	TGA	0	0	
mORF_+_1798104	1798104	1798136	+	3	33	GTG	TAG	0	0	
mORF_+_1798148	1798148	1798342	+	2	195	ATG	TGA	0	0	
mORF_+_1798176	1798176	1798229	+	3	54	TTG	TAA	0	0	
mORF_+_1798427	1798427	1798441	+	2	15	TTG	TAG	0	0	

mORF_+_1798448	1798448	1798456	+	2	9	TTG	TAA	0	0
mORF_+_1798616	1798616	1798642	+	2	27	TTG	TGA	0	0
mORF_+_1798639	1798639	1798788	+	1	150	TTG	TGA	0	0
mORF_+_1798739	1798739	1798975	+	2	237	ATG	TGA	0	0
mORF_+_1798821	1798821	1798856	+	3	36	ATG	TAA	0	0
mORF_+_1798840	1798840	1798908	+	1	69	GTG	TGA	0	0
mORF_+_1798905	1798905	1798931	+	3	27	TTG	TAA	0	0
mORF_+_1798915	1798915	1798947	+	1	33	TTG	TGA	0	0
mORF_+_1798944	1798944	1798955	+	3	12	GTG	TAA	0	0
mORF_+_1799030	1799030	1799065	+	2	36	ATG	TGA	0	0
mORF_+_1799055	1799055	1799192	+	3	138	TTG	TAA	0	0
mORF_+_1799062	1799062	1799388	+	1	327	GTG	TAA	0	0
mORF_+_1799090	1799090	1799107	+	2	18	TTG	TAA	0	0
mORF_+_1799246	1799246	1799383	+	2	138	ATG	TAG	0	0
mORF_+_1799419	1799419	1799496	+	1	78	TTG	TGA	0	0
mORF_+_1799509	1799509	1800003	+	1	495	GTG	TAG	0	0
mORF_+_1799570	1799570	1799587	+	2	18	TTG	TGA	0	0
mORF_+_1799609	1799609	1799659	+	2	51	ATG	TAG	0	0
mORF_+_1799634	1799634	1799642	+	3	9	ATG	TGA	0	0
mORF_+_1799646	1799646	1799705	+	3	60	TTG	TGA	0	0
mORF_+_1799660	1799660	1799671	+	2	12	TTG	TGA	0	0
mORF_+_1799702	1799702	1799725	+	2	24	ATG	TGA	0	0
mORF_+_1799777	1799777	1799902	+	2	126	ATG	TAA	0	0
mORF_+_1799910	1799910	1800008	+	3	99	GTG	TGA	0	0
mORF_+_1799918	1799918	1799941	+	2	24	TTG	TAA	0	0
mORF_+_1799957	1799957	1799983	+	2	27	TTG	TAA	0	0
mORF_+_1800005	1800005	1800013	+	2	9	TTG	TGA	0	0
mORF_+_1800010	1800010	1800261	+	1	252	ATG	TAA	0	0
mORF_+_1800026	1800026	1800133	+	2	108	ATG	TAG	0	0
mORF_+_1800146	1800146	1800202	+	2	57	TTG	TAG	0	0
mORF_+_1800237	1800237	1800305	+	3	69	GTG	TAA	0	0
mORF_+_1800263	1800263	1800286	+	2	24	GTG	TAA	0	0
mORF_+_1800296	1800296	1800379	+	2	84	TTG	TGA	0	0
mORF_+_1800315	1800315	1800347	+	3	33	TTG	TAA	0	0
mORF_+_1800328	1800328	1800360	+	1	33	ATG	TAA	0	0
mORF_+_1800364	1800364	1800684	+	1	321	GTG	TAG	0	0
mORF_+_1800383	1800383	1800550	+	2	168	ATG	TGA	0	0
mORF_+_1800429	1800429	1800476	+	3	48	GTG	TAA	0	0
mORF_+_1800608	1800608	1800619	+	2	12	TTG	TGA	0	0
mORF_+_1800651	1800651	1800698	+	3	48	TTG	TAA	0	0
mORF_+_1800692	1800692	1800736	+	2	45	ATG	TAA	0	0
mORF_+_1800700	1800700	1800726	+	1	27	TTG	TGA	0	0
mORF_+_1800723	1800723	1800833	+	3	111	ATG	TAG	0	0
mORF_+_1800763	1800763	1800810	+	1	48	ATG	TGA	0	0
mORF_+_1800833	1800833	1800868	+	2	36	GTG	TGA	0	0
mORF_+_1800879	1800879	1800950	+	3	72	GTG	TGA	0	0
mORF_+_1800943	1800943	1800969	+	1	27	TTG	TAA	0	0
mORF_+_1800947	1800947	1800961	+	2	15	GTG	TAG	0	0
mORF_+_1800976	1800976	1801155	+	1	180	ATG	TAA	0	0
mORF_+_1800993	1800993	1801010	+	3	18	GTG	TGA	0	0
mORF_+_1801007	1801007	1801033	+	2	27	ATG	TAA	0	0
mORF_+_1801043	1801043	1801066	+	2	24	GTG	TAA	0	0
mORF_+_1801118	1801118	1801591	+	2	474	ATG	TAG	0	0
mORF_+_1801221	1801221	1801262	+	3	42	TTG	TAA	0	0
mORF_+_1801281	1801281	1801502	+	3	222	GTG	TAA	0	0
mORF_+_1801327	1801327	1801356	+	1	30	TTG	TAA	0	0
mORF_+_1801522	1801522	1801539	+	1	18	TTG	TAA	0	0
mORF_+_1801585	1801585	1801668	+	1	84	ATG	TGA	0	0
mORF_+_1801595	1801595	1801618	+	2	24	ATG	TGA	0	0
mORF_+_1801602	1801602	1803017	+	3	1416	TTG	TAA	0	0
mORF_+_1801628	1801628	1801660	+	2	33	TTG	TGA	0	0
mORF_+_1801672	1801672	1801695	+	1	24	ATG	TGA	0	0
mORF_+_1801714	1801714	1801743	+	1	30	TTG	TAG	0	0

mORF+_1801816	1801816	1801830	+	1	15	TTG	TAG	0	0	
mORF+_1801841	1801841	1802038	+	2	198	TTG	TGA	0	0	
mORF+_1801861	1801861	1801893	+	1	33	ATG	TAG	0	0	
mORF+_1801939	1801939	1801950	+	1	12	ATG	TAA	0	0	
mORF+_1801954	1801954	1802208	+	1	255	ATG	TAA	0	0	
mORF+_1802284	1802284	1802292	+	1	9	TTG	TAA	0	0	
mORF+_1802311	1802311	1802340	+	1	30	TTG	TGA	0	0	
mORF+_1802413	1802413	1802505	+	1	93	ATG	TAA	0	0	
mORF+_1802521	1802521	1802529	+	1	9	ATG	TAA	0	0	
mORF+_1802596	1802596	1802700	+	1	105	ATG	TGA	0	0	
mORF+_1802645	1802645	1802668	+	2	24	GTG	TAA	0	0	
mORF+_1802782	1802782	1802910	+	1	129	ATG	TAG	0	0	
mORF+_1802950	1802950	1802982	+	1	33	ATG	TGA	0	0	
mORF+_1802989	1802989	1803003	+	1	15	GTG	TAA	0	0	
mORF+_1803078	1803078	1803296	+	3	219	GTG	TGA	0	0	
mORF+_1803086	1803086	1803112	+	2	27	GTG	TAA	0	0	
mORF+_1803127	1803127	1803285	+	1	159	TTG	TGA	0	0	
mORF+_1803143	1803143	1803199	+	2	57	TTG	TAA	0	0	
mORF+_1803272	1803272	1803346	+	2	75	TTG	TAA	0	0	
mORF+_1803300	1803300	1803329	+	3	30	GTG	TAA	0	0	
mORF+_1803353	1803353	1803361	+	2	9	ATG	TAG	0	0	
mORF+_1803375	1803375	1803431	+	3	57	TTG	TGA	0	0	
mORF+_1803391	1803391	1803480	+	1	90	ATG	TAA	0	0	
mORF+_1803428	1803428	1803439	+	2	12	GTG	TAA	0	0	
mORF+_1803480	1803480	1803539	+	3	60	ATG	TAA	0	0	
mORF+_1803503	1803503	1803571	+	2	69	GTG	TAA	0	0	
mORF+_1803564	1803564	1803791	+	3	228	ATG	TAA	0	0	
mORF+_1803611	1803611	1803631	+	2	21	TTG	TAA	0	0	
mORF+_1803664	1803664	1803768	+	1	105	GTG	TAA	0	0	
mORF+_1803881	1803881	1804165	+	2	285	GTG	TAA	0	0	
mORF+_1803886	1803886	1803924	+	1	39	GTG	TGA	0	0	
mORF+_1803921	1803921	1803992	+	3	72	GTG	TAG	0	0	
mORF+_1803946	1803946	1804050	+	1	105	TTG	TGA	0	0	
mORF+_1804047	1804047	1804076	+	3	30	GTG	TAA	0	0	
mORF+_1804228	1804228	1804251	+	1	24	ATG	TGA	0	0	
mORF+_1804248	1804248	1804355	+	3	108	TTG	TGA	0	0	
mORF+_1804258	1804258	1804308	+	1	51	ATG	TAA	0	0	
mORF+_1804330	1804330	1804371	+	1	42	TTG	TGA	0	0	
mORF+_1804391	1804391	1805323	+	2	933	ATG	TAA	31	133	pORF+_1804391
mORF+_1804419	1804419	1804643	+	3	225	TTG	TAG	0	0	
mORF+_1804680	1804680	1804733	+	3	54	ATG	TAA	0	0	
mORF+_1804734	1804734	1804802	+	3	69	ATG	TAA	0	0	
mORF+_1804821	1804821	1804826	+	3	6	GTG	TGA	0	0	
mORF+_1804911	1804911	1804979	+	3	69	GTG	TGA	0	0	
mORF+_1805004	1805004	1805132	+	3	129	ATG	TGA	0	0	
mORF+_1805148	1805148	1805180	+	3	33	TTG	TGA	0	0	
mORF+_1805199	1805199	1805234	+	3	36	ATG	TAG	0	0	
mORF+_1805244	1805244	1805420	+	3	177	GTG	TGA	0	0	
mORF+_1805275	1805275	1805286	+	1	12	GTG	TGA	0	0	
mORF+_1805401	1805401	1805406	+	1	6	ATG	TGA	0	0	
mORF+_1805417	1805417	1805473	+	2	57	GTG	TGA	0	0	
mORF+_1805424	1805424	1805714	+	3	291	ATG	TAA	1	0	pORF+_1805424
mORF+_1805431	1805431	1805457	+	1	27	GTG	TAA	0	0	
mORF+_1805470	1805470	1805484	+	1	15	ATG	TGA	0	0	
mORF+_1805545	1805545	1805784	+	1	240	ATG	TAA	0	0	
mORF+_1805693	1805693	1805701	+	2	9	ATG	TAG	0	0	
mORF+_1805715	1805715	1805732	+	3	18	ATG	TAA	0	0	
mORF+_1805745	1805745	1805753	+	3	9	GTG	TAG	0	0	
mORF+_1805757	1805757	1805792	+	3	36	GTG	TGA	0	0	
mORF+_1805789	1805789	1805863	+	2	75	ATG	TGA	0	0	
mORF+_1805806	1805806	1805847	+	1	42	ATG	TGA	0	0	
mORF+_1805820	1805820	1806680	+	3	861	ATG	TGA	10	59	pORF+_1805820
mORF+_1805860	1805860	1806087	+	1	228	GTG	TGA	0	0	

mORF_+_1805915	1805915	1805941	+	2	27	ATG	TGA	0	0	
mORF_+_1805954	1805954	1805959	+	2	6	ATG	TGA	0	0	
mORF_+_1806047	1806047	1806064	+	2	18	TTG	TGA	0	0	
mORF_+_1806115	1806115	1806606	+	1	492	ATG	TAA	0	0	
mORF_+_1806164	1806164	1806193	+	2	30	ATG	TGA	0	0	
mORF_+_1806401	1806401	1806469	+	2	69	ATG	TGA	0	0	
mORF_+_1806476	1806476	1806508	+	2	33	GTG	TGA	0	0	
mORF_+_1806610	1806610	1806672	+	1	63	GTG	TAG	0	0	
mORF_+_1806677	1806677	1806724	+	2	48	ATG	TAA	0	0	
mORF_+_1806682	1806682	1806690	+	1	9	ATG	TGA	0	0	
mORF_+_1806687	1806687	1806728	+	3	42	TTG	TAA	0	0	
mORF_+_1806789	1806789	1806812	+	3	24	GTG	TAG	0	0	
mORF_+_1806814	1806814	1806858	+	1	45	ATG	TAG	0	0	
mORF_+_1806872	1806872	1806895	+	2	24	TTG	TGA	0	0	
mORF_+_1806892	1806892	1807050	+	1	159	TTG	TAG	0	0	
mORF_+_1806980	1806980	1807096	+	2	117	ATG	TGA	0	0	
mORF_+_1807093	1807093	1807293	+	1	201	ATG	TAG	0	0	
mORF_+_1807109	1807109	1807249	+	2	141	ATG	TGA	0	0	
mORF_+_1807173	1807173	1807178	+	3	6	ATG	TAG	0	0	
mORF_+_1807185	1807185	1807196	+	3	12	ATG	TAA	0	0	
mORF_+_1807256	1807256	1807270	+	2	15	ATG	TGA	0	0	
mORF_+_1807337	1807337	1807351	+	2	15	ATG	TAA	0	0	
mORF_+_1807382	1807382	1807390	+	2	9	ATG	TAA	0	0	
mORF_+_1807399	1807399	1807404	+	1	6	TTG	TAA	0	0	
mORF_+_1807404	1807404	1808072	+	3	669	ATG	TAA	13	41	pORF_+_1807404
mORF_+_1807426	1807426	1807500	+	1	75	TTG	TGA	0	0	
mORF_+_1807475	1807475	1807534	+	2	60	ATG	TAA	0	0	
mORF_+_1807583	1807583	1807666	+	2	84	TTG	TGA	0	0	
mORF_+_1807606	1807606	1807629	+	1	24	ATG	TAG	0	0	
mORF_+_1807642	1807642	1807782	+	1	141	TTG	TGA	0	0	
mORF_+_1807712	1807712	1807792	+	2	81	ATG	TGA	0	0	
mORF_+_1807789	1807789	1807902	+	1	114	TTG	TGA	0	0	
mORF_+_1807930	1807930	1807938	+	1	9	ATG	TGA	0	0	
mORF_+_1807996	1807996	1808016	+	1	21	ATG	TAG	0	0	
mORF_+_1808072	1808072	1808131	+	2	60	ATG	TGA	0	0	
mORF_+_1808085	1808085	1808192	+	3	108	GTG	TAA	0	0	
mORF_+_1808180	1808180	1808323	+	2	144	GTG	TGA	0	0	
mORF_+_1808223	1808223	1808825	+	3	603	GTG	TAA	0	0	
mORF_+_1808266	1808266	1808301	+	1	36	TTG	TGA	0	0	
mORF_+_1808320	1808320	1808355	+	1	36	GTG	TGA	0	0	
mORF_+_1808327	1808327	1808506	+	2	180	GTG	TAA	0	0	
mORF_+_1808395	1808395	1808409	+	1	15	TTG	TAA	0	0	
mORF_+_1808440	1808440	1808568	+	1	129	TTG	TGA	0	0	
mORF_+_1808578	1808578	1808592	+	1	15	TTG	TGA	0	0	
mORF_+_1808602	1808602	1808769	+	1	168	GTG	TGA	0	0	
mORF_+_1808621	1808621	1808806	+	2	186	ATG	TAA	0	0	
mORF_+_1808815	1808815	1808853	+	1	39	TTG	TAA	0	0	
mORF_+_1808864	1808864	1808896	+	2	33	TTG	TAA	0	0	
mORF_+_1808899	1808899	1808961	+	1	63	TTG	TGA	0	0	
mORF_+_1808912	1808912	1808929	+	2	18	ATG	TGA	0	0	
mORF_+_1808958	1808958	1810349	+	3	1392	ATG	TAA	22	154	pORF_+_1808958
mORF_+_1808974	1808974	1809072	+	1	99	TTG	TGA	0	0	
mORF_+_1809035	1809035	1809118	+	2	84	GTG	TGA	0	0	
mORF_+_1809076	1809076	1809192	+	1	117	GTG	TGA	0	0	
mORF_+_1809146	1809146	1809154	+	2	9	GTG	TAA	0	0	
mORF_+_1809232	1809232	1809261	+	1	30	TTG	TAG	0	0	
mORF_+_1809310	1809310	1809354	+	1	45	TTG	TGA	0	0	
mORF_+_1809376	1809376	1809399	+	1	24	GTG	TGA	0	0	
mORF_+_1809406	1809406	1809441	+	1	36	TTG	TGA	0	0	
mORF_+_1809484	1809484	1809531	+	1	48	TTG	TAA	0	0	
mORF_+_1809535	1809535	1809555	+	1	21	TTG	TAG	0	0	
mORF_+_1809577	1809577	1809606	+	1	30	ATG	TAG	0	0	
mORF_+_1809703	1809703	1809774	+	1	72	TTG	TGA	0	0	

mORF_+_1809781	1809781	1809819	+	1	39	TTG	TGA	0	0	
mORF_+_1809845	1809845	1809940	+	2	96	ATG	TGA	0	0	
mORF_+_1809862	1809862	1809903	+	1	42	TTG	TGA	0	0	
mORF_+_1809904	1809904	1810026	+	1	123	ATG	TGA	0	0	
mORF_+_1810030	1810030	1810152	+	1	123	TTG	TGA	0	0	
mORF_+_1810067	1810067	1810102	+	2	36	GTG	TAG	0	0	
mORF_+_1810153	1810153	1810182	+	1	30	TTG	TAA	0	0	
mORF_+_1810207	1810207	1810242	+	1	36	TTG	TAA	0	0	
mORF_+_1810249	1810249	1810260	+	1	12	GTG	TGA	0	0	
mORF_+_1810283	1810283	1810303	+	2	21	GTG	TAA	0	0	
mORF_+_1810355	1810355	1810381	+	2	27	ATG	TAG	0	0	
mORF_+_1810374	1810374	1810403	+	3	30	TTG	TAA	0	0	
mORF_+_1810388	1810388	1810441	+	2	54	TTG	TAA	0	0	
mORF_+_1810404	1810404	1810430	+	3	27	ATG	TGA	0	0	
mORF_+_1810420	1810420	1810683	+	1	264	ATG	TGA	0	0	
mORF_+_1810493	1810493	1810546	+	2	54	ATG	TAA	0	0	
mORF_+_1810497	1810497	1810508	+	3	12	ATG	TAG	0	0	
mORF_+_1810547	1810547	1810570	+	2	24	GTG	TAA	0	0	
mORF_+_1810610	1810610	1810618	+	2	9	GTG	TAA	0	0	
mORF_+_1810640	1810640	1810738	+	2	99	TTG	TAG	0	0	
mORF_+_1810680	1810680	1810745	+	3	66	TTG	TAA	0	0	
mORF_+_1810696	1810696	1810719	+	1	24	ATG	TAA	0	0	
mORF_+_1810749	1810749	1810952	+	3	204	GTG	TGA	0	0	
mORF_+_1810783	1810783	1810872	+	1	90	TTG	TAA	0	0	
mORF_+_1810903	1810903	1810962	+	1	60	TTG	TAG	0	0	
mORF_+_1810916	1810916	1810930	+	2	15	ATG	TAA	0	0	
mORF_+_1810931	1810931	1810966	+	2	36	GTG	TAA	0	0	
mORF_+_1810966	1810966	1810980	+	1	15	ATG	TAG	0	0	
mORF_+_1811000	1811000	1811044	+	2	45	TTG	TAA	0	0	
mORF_+_1811028	1811028	1811039	+	3	12	TTG	TGA	0	0	
mORF_+_1811050	1811050	1811127	+	1	78	GTG	TAA	0	0	
mORF_+_1811054	1811054	1811065	+	2	12	GTG	TAG	0	0	
mORF_+_1811144	1811144	1811149	+	2	6	TTG	TAG	0	0	
mORF_+_1811170	1811170	1811244	+	1	75	TTG	TGA	0	0	
mORF_+_1811241	1811241	1811258	+	3	18	ATG	TAG	0	0	
mORF_+_1811265	1811265	1811282	+	3	18	ATG	TAA	0	0	
mORF_+_1811357	1811357	1811374	+	2	18	TTG	TGA	0	0	
mORF_+_1811371	1811371	1811478	+	1	108	TTG	TGA	0	0	
mORF_+_1811375	1811375	1811512	+	2	138	ATG	TAA	0	0	
mORF_+_1811379	1811379	1811384	+	3	6	ATG	TAG	0	0	
mORF_+_1811409	1811409	1811414	+	3	6	ATG	TAA	0	0	
mORF_+_1811436	1811436	1811441	+	3	6	ATG	TAA	0	0	
mORF_+_1811490	1811490	1811522	+	3	33	TTG	TGA	0	0	
mORF_+_1811519	1811519	1811650	+	2	132	GTG	TAA	0	0	
mORF_+_1811563	1811563	1811646	+	1	84	TTG	TAG	0	0	
mORF_+_1811610	1811610	1811702	+	3	93	ATG	TAA	0	0	
mORF_+_1811763	1811763	1812056	+	3	294	TTG	TGA	0	0	
mORF_+_1811767	1811767	1811796	+	1	30	GTG	TAG	0	0	
mORF_+_1811819	1811819	1811833	+	2	15	GTG	TAG	0	0	
mORF_+_1811842	1811842	1811877	+	1	36	TTG	TAA	0	0	
mORF_+_1811891	1811891	1814152	+	2	2262	ATG	TGA	54	401	pORF_+_1811891
mORF_+_1812114	1812114	1812131	+	3	18	GTG	TGA	0	0	
mORF_+_1812177	1812177	1812323	+	3	147	GTG	TAA	0	0	
mORF_+_1812378	1812378	1812554	+	3	177	TTG	TAA	0	0	
mORF_+_1812591	1812591	1812650	+	3	60	GTG	TGA	0	0	
mORF_+_1812652	1812652	1812732	+	1	81	GTG	TAA	0	0	
mORF_+_1812732	1812732	1812911	+	3	180	ATG	TGA	0	0	
mORF_+_1812799	1812799	1812807	+	1	9	TTG	TGA	0	0	
mORF_+_1812856	1812856	1812870	+	1	15	GTG	TGA	0	0	
mORF_+_1812924	1812924	1813430	+	3	507	ATG	TAA	0	0	
mORF_+_1813443	1813443	1813484	+	3	42	TTG	TAA	0	0	
mORF_+_1813509	1813509	1813589	+	3	81	GTG	TGA	0	0	
mORF_+_1813677	1813677	1813685	+	3	9	GTG	TGA	0	0	

mORF_+_1813713	1813713	1813724	+	3	12	ATG	TGA	0	0
mORF_+_1813776	1813776	1813811	+	3	36	ATG	TGA	0	0
mORF_+_1813818	1813818	1813841	+	3	24	ATG	TAG	0	0
mORF_+_1813851	1813851	1813871	+	3	21	TTG	TGA	0	0
mORF_+_1813878	1813878	1813946	+	3	69	ATG	TGA	0	0
mORF_+_1813894	1813894	1813920	+	1	27	TTG	TGA	0	0
mORF_+_1813974	1813974	1814090	+	3	117	TTG	TAA	0	0
mORF_+_1814113	1814113	1814130	+	1	18	GTG	TAA	0	0
mORF_+_1814133	1814133	1814456	+	3	324	TTG	TAG	0	0
mORF_+_1814152	1814152	1814358	+	1	207	ATG	TAG	0	0
mORF_+_1814168	1814168	1814185	+	2	18	TTG	TGA	0	0
mORF_+_1814201	1814201	1814224	+	2	24	TTG	TGA	0	0
mORF_+_1814249	1814249	1814281	+	2	33	GTG	TAG	0	0
mORF_+_1814475	1814475	1814531	+	3	57	ATG	TAG	0	0
mORF_+_1814551	1814551	1814820	+	1	270	ATG	TAG	0	0
mORF_+_1814643	1814643	1814654	+	3	12	ATG	TGA	0	0
mORF_+_1814666	1814666	1814701	+	2	36	GTG	TGA	0	0
mORF_+_1814720	1814720	1814782	+	2	63	ATG	TGA	0	0
mORF_+_1814807	1814807	1814842	+	2	36	TTG	TGA	0	0
mORF_+_1814952	1814952	1814966	+	3	15	GTG	TAG	0	0
mORF_+_1814977	1814977	1815120	+	1	144	GTG	TAA	0	0
mORF_+_1814987	1814987	1815103	+	2	117	ATG	TAG	0	0
mORF_+_1815113	1815113	1815175	+	2	63	TTG	TAA	0	0
mORF_+_1815175	1815175	1815300	+	1	126	ATG	TAG	0	0
mORF_+_1815177	1815177	1815188	+	3	12	GTG	TAA	0	0
mORF_+_1815197	1815197	1815376	+	2	180	ATG	TGA	0	0
mORF_+_1815213	1815213	1815293	+	3	81	TTG	TAA	0	0
mORF_+_1815333	1815333	1815368	+	3	36	GTG	TAA	0	0
mORF_+_1815373	1815373	1815786	+	1	414	GTG	TAA	0	0
mORF_+_1815410	1815410	1815499	+	2	90	ATG	TGA	0	0
mORF_+_1815420	1815420	1815512	+	3	93	GTG	TAA	0	0
mORF_+_1815530	1815530	1815541	+	2	12	TTG	TAG	0	0
mORF_+_1815548	1815548	1815577	+	2	30	TTG	TAA	0	0
mORF_+_1815561	1815561	1815614	+	3	54	ATG	TAA	0	0
mORF_+_1815681	1815681	1815716	+	3	36	GTG	TAG	0	0
mORF_+_1815692	1815692	1815697	+	2	6	TTG	TAG	0	0
mORF_+_1815734	1815734	1815742	+	2	9	TTG	TAA	0	0
mORF_+_1815759	1815759	1815797	+	3	39	ATG	TAA	0	0
mORF_+_1815798	1815798	1815905	+	3	108	ATG	TAA	0	0
mORF_+_1815881	1815881	1816042	+	2	162	TTG	TGA	0	0
mORF_+_1815916	1815916	1815945	+	1	30	ATG	TAA	0	0
mORF_+_1816039	1816039	1816215	+	1	177	ATG	TAA	0	0
mORF_+_1816058	1816058	1816195	+	2	138	GTG	TGA	0	0
mORF_+_1816095	1816095	1816166	+	3	72	ATG	TAA	0	0
mORF_+_1816215	1816215	1816271	+	3	57	ATG	TAG	0	0
mORF_+_1816249	1816249	1816419	+	1	171	TTG	TAA	0	0
mORF_+_1816293	1816293	1816376	+	3	84	ATG	TAA	0	0
mORF_+_1816438	1816438	1816467	+	1	30	GTG	TAA	0	0
mORF_+_1816499	1816499	1816552	+	2	54	GTG	TGA	0	0
mORF_+_1816605	1816605	1816610	+	3	6	ATG	TGA	0	0
mORF_+_1816607	1816607	1816624	+	2	18	GTG	TAA	0	0
mORF_+_1816612	1816612	1816635	+	1	24	TTG	TGA	0	0
mORF_+_1816759	1816759	1816833	+	1	75	TTG	TAA	0	0
mORF_+_1816773	1816773	1816868	+	3	96	TTG	TGA	0	0
mORF_+_1816817	1816817	1816912	+	2	96	TTG	TAA	0	0
mORF_+_1816870	1816870	1816992	+	1	123	TTG	TAA	0	0
mORF_+_1816926	1816926	1817000	+	3	75	ATG	TAA	0	0
mORF_+_1817008	1817008	1817016	+	1	9	ATG	TAA	0	0
mORF_+_1817066	1817066	1817095	+	2	30	ATG	TGA	0	0
mORF_+_1817092	1817092	1817142	+	1	51	GTG	TAA	0	0
mORF_+_1817150	1817150	1817185	+	2	36	ATG	TGA	0	0
mORF_+_1817160	1817160	1817246	+	3	87	ATG	TAA	0	0
mORF_+_1817200	1817200	1817223	+	1	24	ATG	TAA	0	0

mORF_+_1817346	1817346	1817519	+	3	174	GTG	TAA	0	0	
mORF_+_1817377	1817377	1817385	+	1	9	TTG	TAG	0	0	
mORF_+_1817404	1817404	1817511	+	1	108	TTG	TAA	0	0	
mORF_+_1817537	1817537	1817554	+	2	18	ATG	TGA	0	0	
mORF_+_1817551	1817551	1817661	+	1	111	ATG	TGA	0	0	
mORF_+_1817649	1817649	1817753	+	3	105	ATG	TGA	0	0	
mORF_+_1817672	1817672	1817899	+	2	228	ATG	TAG	0	0	
mORF_+_1817740	1817740	1817883	+	1	144	TTG	TAA	0	0	
mORF_+_1817937	1817937	1817978	+	3	42	TTG	TAA	0	0	
mORF_+_1817939	1817939	1817950	+	2	12	GTG	TAG	0	0	
mORF_+_1817944	1817944	1817973	+	1	30	TTG	TAA	0	0	
mORF_+_1817981	1817981	1817998	+	2	18	TTG	TGA	0	0	
mORF_+_1817986	1817986	1818111	+	1	126	ATG	TAG	0	0	
mORF_+_1818002	1818002	1818040	+	2	39	GTG	TAA	0	0	
mORF_+_1818059	1818059	1818100	+	2	42	TTG	TAA	0	0	
mORF_+_1818124	1818124	1818258	+	1	135	GTG	TGA	0	0	
mORF_+_1818128	1818128	1818166	+	2	39	TTG	TAA	0	0	
mORF_+_1818144	1818144	1818308	+	3	165	TTG	TAA	0	0	
mORF_+_1818188	1818188	1818217	+	2	30	TTG	TAA	0	0	
mORF_+_1818248	1818248	1818286	+	2	39	TTG	TAA	0	0	
mORF_+_1818355	1818355	1818417	+	1	63	TTG	TGA	0	0	
mORF_+_1818366	1818366	1818572	+	3	207	ATG	TGA	0	0	
mORF_+_1818437	1818437	1818454	+	2	18	GTG	TAA	0	0	
mORF_+_1818454	1818454	1818492	+	1	39	ATG	TGA	0	0	
mORF_+_1818467	1818467	1818586	+	2	120	GTG	TAA	0	0	
mORF_+_1818574	1818574	1818594	+	1	21	ATG	TGA	0	0	
mORF_+_1818594	1818594	1818671	+	3	78	ATG	TAA	0	0	
mORF_+_1818601	1818601	1818831	+	1	231	TTG	TAG	0	0	
mORF_+_1818671	1818671	1818721	+	2	51	ATG	TAA	0	0	
mORF_+_1818815	1818815	1818856	+	2	42	TTG	TGA	0	0	
mORF_+_1818853	1818853	1819056	+	1	204	GTG	TAA	1	6	pORF_+_1818853
mORF_+_1818866	1818866	1818937	+	2	72	ATG	TAA	0	0	
mORF_+_1818944	1818944	1819012	+	2	69	GTG	TAA	0	0	
mORF_+_1819013	1819013	1819096	+	2	84	GTG	TAA	0	0	
mORF_+_1819090	1819090	1819254	+	1	165	TTG	TAA	0	0	
mORF_+_1819157	1819157	1819165	+	2	9	TTG	TAA	0	0	
mORF_+_1819167	1819167	1819268	+	3	102	GTG	TAA	0	0	
mORF_+_1819169	1819169	1819189	+	2	21	GTG	TAA	0	0	
mORF_+_1819220	1819220	1819228	+	2	9	ATG	TAA	0	0	
mORF_+_1819272	1819272	1819283	+	3	12	TTG	TGA	0	0	
mORF_+_1819280	1819280	1819303	+	2	24	TTG	TGA	0	0	
mORF_+_1819287	1819287	1819295	+	3	9	ATG	TAA	0	0	
mORF_+_1819300	1819300	1819326	+	1	27	TTG	TAA	0	0	
mORF_+_1819328	1819328	1819345	+	2	18	TTG	TAA	0	0	
mORF_+_1819387	1819387	1819395	+	1	9	TTG	TAA	0	0	
mORF_+_1819423	1819423	1819461	+	1	39	TTG	TAA	0	0	
mORF_+_1819517	1819517	1819540	+	2	24	GTG	TAA	0	0	
mORF_+_1819540	1819540	1819626	+	1	87	ATG	TAA	0	0	
mORF_+_1819568	1819568	1819600	+	2	33	GTG	TAG	0	0	
mORF_+_1819627	1819627	1819752	+	1	126	ATG	TGA	0	0	
mORF_+_1819629	1819629	1819718	+	3	90	GTG	TAA	0	0	
mORF_+_1819706	1819706	1819783	+	2	78	ATG	TAG	0	0	
mORF_+_1819743	1819743	1819802	+	3	60	TTG	TAA	0	0	
mORF_+_1819804	1819804	1819830	+	1	27	TTG	TGA	0	0	
mORF_+_1819814	1819814	1819855	+	2	42	TTG	TAA	0	0	
mORF_+_1819821	1819821	1819868	+	3	48	GTG	TAA	0	0	
mORF_+_1819900	1819900	1819941	+	1	42	ATG	TGA	0	0	
mORF_+_1819914	1819914	1820000	+	3	87	TTG	TGA	0	0	
mORF_+_1819964	1819964	1819987	+	2	24	GTG	TGA	0	0	
mORF_+_1819997	1819997	1820035	+	2	39	TTG	TAG	0	0	
mORF_+_1820005	1820005	1820022	+	1	18	ATG	TAA	0	0	
mORF_+_1820056	1820056	1820238	+	1	183	TTG	TAA	0	0	
mORF_+_1820066	1820066	1820071	+	2	6	ATG	TAG	0	0	

mORF_+_1820099	1820099	1820212	+	2	114	ATG	TAA	0	0	
mORF_+_1820133	1820133	1820165	+	3	33	GTG	TGA	0	0	
mORF_+_1820231	1820231	1820314	+	2	84	ATG	TAA	0	0	
mORF_+_1820292	1820292	1820534	+	3	243	TTG	TAA	0	0	
mORF_+_1820327	1820327	1820350	+	2	24	TTG	TGA	0	0	
mORF_+_1820347	1820347	1820394	+	1	48	GTG	TAA	0	0	
mORF_+_1820417	1820417	1820431	+	2	15	TTG	TAG	0	0	
mORF_+_1820456	1820456	1820485	+	2	30	TTG	TGA	0	0	
mORF_+_1820482	1820482	1821309	+	1	828	ATG	TAA	60	908	pORF_+_1820482
mORF_+_1820534	1820534	1820572	+	2	39	ATG	TGA	0	0	
mORF_+_1820645	1820645	1820803	+	2	159	TTG	TAA	0	0	
mORF_+_1820658	1820658	1820675	+	3	18	GTG	TAA	0	0	
mORF_+_1820760	1820760	1820810	+	3	51	TTG	TAA	0	0	
mORF_+_1820861	1820861	1820869	+	2	9	TTG	TGA	0	0	
mORF_+_1820876	1820876	1820911	+	2	36	TTG	TGA	0	0	
mORF_+_1820927	1820927	1820938	+	2	12	TTG	TGA	0	0	
mORF_+_1820945	1820945	1821079	+	2	135	GTG	TAG	0	0	
mORF_+_1821081	1821081	1821101	+	3	21	TTG	TAA	0	0	
mORF_+_1821128	1821128	1821169	+	2	42	ATG	TGA	0	0	
mORF_+_1821173	1821173	1821235	+	2	63	ATG	TAG	0	0	
mORF_+_1821290	1821290	1821370	+	2	81	ATG	TGA	0	0	
mORF_+_1821328	1821328	1821345	+	1	18	TTG	TAA	0	0	
mORF_+_1821330	1821330	1821488	+	3	159	GTG	TAA	0	0	
mORF_+_1821367	1821367	1821390	+	1	24	GTG	TAA	0	0	
mORF_+_1821395	1821395	1821427	+	2	33	ATG	TAG	0	0	
mORF_+_1821454	1821454	1821459	+	1	6	GTG	TAA	0	0	
mORF_+_1821463	1821463	1821519	+	1	57	TTG	TAA	0	0	
mORF_+_1821539	1821539	1822426	+	2	888	GTG	TGA	0	0	
mORF_+_1821573	1821573	1821833	+	3	261	TTG	TAA	0	0	
mORF_+_1821787	1821787	1821801	+	1	15	ATG	TGA	0	0	
mORF_+_1821888	1821888	1821902	+	3	15	GTG	TAA	0	0	
mORF_+_1821903	1821903	1822064	+	3	162	ATG	TAA	0	0	
mORF_+_1822033	1822033	1822125	+	1	93	TTG	TAA	0	0	
mORF_+_1822074	1822074	1822097	+	3	24	GTG	TAA	0	0	
mORF_+_1822134	1822134	1822217	+	3	84	ATG	TGA	0	0	
mORF_+_1822186	1822186	1822284	+	1	99	GTG	TAA	0	0	
mORF_+_1822329	1822329	1822460	+	3	132	TTG	TAA	0	0	
mORF_+_1822354	1822354	1822359	+	1	6	TTG	TAA	0	0	
mORF_+_1822423	1822423	1822860	+	1	438	TTG	TAA	0	0	
mORF_+_1822473	1822473	1822571	+	3	99	GTG	TGA	0	0	
mORF_+_1822568	1822568	1822582	+	2	15	GTG	TAG	0	0	
mORF_+_1822631	1822631	1822639	+	2	9	GTG	TGA	0	0	
mORF_+_1822731	1822731	1823033	+	3	303	ATG	TGA	0	0	
mORF_+_1822838	1822838	1823074	+	2	237	ATG	TGA	0	0	
mORF_+_1822885	1822885	1823004	+	1	120	GTG	TAA	0	0	
mORF_+_1823011	1823011	1823043	+	1	33	ATG	TAG	0	0	
mORF_+_1823043	1823043	1823159	+	3	117	GTG	TGA	0	0	
mORF_+_1823071	1823071	1823124	+	1	54	TTG	TAG	0	0	
mORF_+_1823152	1823152	1823640	+	1	489	TTG	TAA	0	0	
mORF_+_1823175	1823175	1823231	+	3	57	TTG	TAG	0	0	
mORF_+_1823264	1823264	1823272	+	2	9	ATG	TAA	0	0	
mORF_+_1823276	1823276	1823509	+	2	234	TTG	TGA	0	0	
mORF_+_1823331	1823331	1823381	+	3	51	TTG	TGA	0	0	
mORF_+_1823391	1823391	1823447	+	3	57	TTG	TGA	0	0	
mORF_+_1823522	1823522	1823692	+	2	171	TTG	TAA	0	0	
mORF_+_1823559	1823559	1823570	+	3	12	GTG	TAG	0	0	
mORF_+_1823631	1823631	1823696	+	3	66	GTG	TAG	0	0	
mORF_+_1823698	1823698	1823709	+	1	12	GTG	TGA	0	0	
mORF_+_1823703	1823703	1823774	+	3	72	GTG	TAA	0	0	
mORF_+_1823784	1823784	1823885	+	3	102	TTG	TGA	0	0	
mORF_+_1823795	1823795	1823827	+	2	33	ATG	TGA	0	0	
mORF_+_1823824	1823824	1823868	+	1	45	GTG	TGA	0	0	
mORF_+_1823882	1823882	1823899	+	2	18	ATG	TAA	0	0	

mORF_+_1823889	1823889	1823918	+	3	30	GTG	TAA	0	0	
mORF_+_1823959	1823959	1823982	+	1	24	ATG	TAG	0	0	
mORF_+_1824060	1824060	1824242	+	3	183	ATG	TAG	0	0	
mORF_+_1824101	1824101	1824124	+	2	24	ATG	TAA	0	0	
mORF_+_1824133	1824133	1824198	+	1	66	GTG	TAA	0	0	
mORF_+_1824140	1824140	1824178	+	2	39	TTG	TAA	0	0	
mORF_+_1824209	1824209	1824358	+	2	150	GTG	TGA	0	0	
mORF_+_1824291	1824291	1824467	+	3	177	TTG	TAA	0	0	
mORF_+_1824310	1824310	1824387	+	1	78	TTG	TGA	0	0	
mORF_+_1824451	1824451	1824552	+	1	102	ATG	TAA	0	0	
mORF_+_1824483	1824483	1824512	+	3	30	ATG	TAG	0	0	
mORF_+_1824500	1824500	1824886	+	2	387	TTG	TGA	0	0	
mORF_+_1824519	1824519	1824614	+	3	96	GTG	TAG	0	0	
mORF_+_1824651	1824651	1824719	+	3	69	ATG	TAA	0	0	
mORF_+_1824732	1824732	1824803	+	3	72	GTG	TGA	0	0	
mORF_+_1824819	1824819	1824833	+	3	15	TTG	TAA	0	0	
mORF_+_1824883	1824883	1824996	+	1	114	TTG	TAA	0	0	
mORF_+_1824947	1824947	1824976	+	2	30	TTG	TAA	0	0	
mORF_+_1824997	1824997	1825227	+	1	231	TTG	TAA	0	0	
mORF_+_1825014	1825014	1825067	+	3	54	GTG	TAA	0	0	
mORF_+_1825100	1825100	1825285	+	2	186	TTG	TAA	0	0	
mORF_+_1825300	1825300	1825467	+	1	168	GTG	TAA	0	0	
mORF_+_1825334	1825334	1825378	+	2	45	ATG	TAG	0	0	
mORF_+_1825410	1825410	1825433	+	3	24	TTG	TAA	0	0	
mORF_+_1825439	1825439	1825543	+	2	105	TTG	TGA	0	0	
mORF_+_1825458	1825458	1825562	+	3	105	TTG	TAA	0	0	
mORF_+_1825492	1825492	1825839	+	1	348	TTG	TAA	0	0	
mORF_+_1825617	1825617	1825808	+	3	192	TTG	TAA	0	0	
mORF_+_1825679	1825679	1825699	+	2	21	TTG	TAG	0	0	
mORF_+_1825745	1825745	1825876	+	2	132	TTG	TGA	0	0	
mORF_+_1825873	1825873	1826148	+	1	276	GTG	TAA	0	0	
mORF_+_1825883	1825883	1826062	+	2	180	TTG	TGA	0	0	
mORF_+_1825935	1825935	1825985	+	3	51	ATG	TGA	0	0	
mORF_+_1826004	1826004	1826051	+	3	48	GTG	TGA	0	0	
mORF_+_1826191	1826191	1826379	+	1	189	GTG	TAA	0	0	
mORF_+_1826264	1826264	1826320	+	2	57	TTG	TAA	0	0	
mORF_+_1826333	1826333	1826461	+	2	129	ATG	TAA	0	0	
mORF_+_1826406	1826406	1826621	+	3	216	ATG	TAA	0	0	
mORF_+_1826425	1826425	1826511	+	1	87	ATG	TGA	0	0	
mORF_+_1826563	1826563	1826604	+	1	42	GTG	TAA	0	0	
mORF_+_1826671	1826671	1826937	+	1	267	ATG	TGA	0	0	
mORF_+_1826693	1826693	1826767	+	2	75	ATG	TAA	0	0	
mORF_+_1826703	1826703	1826708	+	3	6	TTG	TAA	0	0	
mORF_+_1826751	1826751	1826846	+	3	96	TTG	TAA	0	0	
mORF_+_1826777	1826777	1826809	+	2	33	GTG	TAA	0	0	
mORF_+_1826934	1826934	1827011	+	3	78	TTG	TAG	0	0	
mORF_+_1826944	1826944	1826961	+	1	18	GTG	TGA	0	0	
mORF_+_1826962	1826962	1827057	+	1	96	ATG	TGA	0	0	
mORF_+_1827072	1827072	1827212	+	3	141	ATG	TAA	0	0	
mORF_+_1827091	1827091	1827147	+	1	57	TTG	TGA	0	0	
mORF_+_1827239	1827239	1827259	+	2	21	GTG	TAA	0	0	
mORF_+_1827265	1827265	1827315	+	1	51	ATG	TGA	0	0	
mORF_+_1827284	1827284	1827433	+	2	150	ATG	TAA	0	0	
mORF_+_1827297	1827297	1827437	+	3	141	ATG	TGA	1	4	pORF_+_1827297
mORF_+_1827434	1827434	1827454	+	2	21	TTG	TGA	0	0	
mORF_+_1827451	1827451	1827576	+	1	126	TTG	TGA	0	0	
mORF_+_1827473	1827473	1827514	+	2	42	TTG	TAA	0	0	
mORF_+_1827548	1827548	1827745	+	2	198	GTG	TAA	0	0	
mORF_+_1827573	1827573	1827590	+	3	18	ATG	TGA	0	0	
mORF_+_1827664	1827664	1827819	+	1	156	TTG	TGA	0	0	
mORF_+_1827669	1827669	1827677	+	3	9	TTG	TAA	0	0	
mORF_+_1827809	1827809	1827844	+	2	36	GTG	TAA	0	0	
mORF_+_1827816	1827816	1827899	+	3	84	TTG	TGA	0	0	

mORF_+_1827832	1827832	1828119	+	1	288	GTG	TGA	0	0	
mORF_+_1827893	1827893	1828141	+	2	249	ATG	TAA	0	0	
mORF_+_1827909	1827909	1828046	+	3	138	TTG	TAG	0	0	
mORF_+_1828116	1828116	1828154	+	3	39	ATG	TAG	0	0	
mORF_+_1828145	1828145	1828273	+	2	129	GTG	TGA	0	0	
mORF_+_1828186	1828186	1828227	+	1	42	ATG	TAA	0	0	
mORF_+_1828200	1828200	1828277	+	3	78	GTG	TAG	0	0	
mORF_+_1828270	1828270	1828326	+	1	57	GTG	TAA	0	0	
mORF_+_1828280	1828280	1828498	+	2	219	GTG	TGA	0	0	
mORF_+_1828317	1828317	1828379	+	3	63	TTG	TAG	0	0	
mORF_+_1828383	1828383	1828445	+	3	63	TTG	TGA	0	0	
mORF_+_1828471	1828471	1828659	+	1	189	ATG	TGA	0	0	
mORF_+_1828502	1828502	1828762	+	2	261	GTG	TGA	0	0	
mORF_+_1828512	1828512	1828526	+	3	15	GTG	TAG	0	0	
mORF_+_1828527	1828527	1828619	+	3	93	TTG	TAG	0	0	
mORF_+_1828632	1828632	1828805	+	3	174	TTG	TAA	0	0	
mORF_+_1828660	1828660	1828782	+	1	123	TTG	TGA	0	0	
mORF_+_1828810	1828810	1829004	+	1	195	GTG	TAA	0	0	
mORF_+_1828868	1828868	1828942	+	2	75	TTG	TGA	0	0	
mORF_+_1829035	1829035	1829265	+	1	231	GTG	TAA	0	0	
mORF_+_1829103	1829103	1829111	+	3	9	GTG	TGA	0	0	
mORF_+_1829105	1829105	1829164	+	2	60	GTG	TAG	0	0	
mORF_+_1829165	1829165	1829176	+	2	12	GTG	TGA	0	0	
mORF_+_1829177	1829177	1829287	+	2	111	GTG	TAG	0	0	
mORF_+_1829211	1829211	1829261	+	3	51	TTG	TAG	0	0	
mORF_+_1829287	1829287	1829391	+	1	105	GTG	TAA	0	0	
mORF_+_1829312	1829312	1829509	+	2	198	GTG	TGA	0	0	
mORF_+_1829499	1829499	1829570	+	3	72	ATG	TGA	0	0	
mORF_+_1829506	1829506	1829544	+	1	39	ATG	TGA	0	0	
mORF_+_1829582	1829582	1829593	+	2	12	GTG	TGA	0	0	
mORF_+_1829590	1829590	1829670	+	1	81	ATG	TAG	0	0	
mORF_+_1829603	1829603	1829638	+	2	36	TTG	TAG	0	0	
mORF_+_1829681	1829681	1829776	+	2	96	TTG	TAA	0	0	
mORF_+_1829780	1829780	1829902	+	2	123	TTG	TGA	0	0	
mORF_+_1829788	1829788	1830027	+	1	240	ATG	TAA	0	0	
mORF_+_1829943	1829943	1829993	+	3	51	GTG	TAA	0	0	
mORF_+_1829994	1829994	1830008	+	3	15	TTG	TAG	0	0	
mORF_+_1830040	1830040	1830102	+	1	63	ATG	TGA	0	0	
mORF_+_1830056	1830056	1830070	+	2	15	ATG	TAA	0	0	
mORF_+_1830060	1830060	1830185	+	3	126	TTG	TGA	0	0	
mORF_+_1830071	1830071	1830076	+	2	6	ATG	TAG	0	0	
mORF_+_1830089	1830089	1830115	+	2	27	GTG	TAA	0	0	
mORF_+_1830160	1830160	1830180	+	1	21	ATG	TAA	0	0	
mORF_+_1830182	1830182	1830244	+	2	63	GTG	TAA	0	0	
mORF_+_1830192	1830192	1830206	+	3	15	TTG	TGA	0	0	
mORF_+_1830199	1830199	1830210	+	1	12	GTG	TAA	0	0	
mORF_+_1830228	1830228	1830251	+	3	24	ATG	TAA	0	0	
mORF_+_1830260	1830260	1830265	+	2	6	TTG	TGA	0	0	
mORF_+_1830262	1830262	1830348	+	1	87	GTG	TGA	0	0	
mORF_+_1830269	1830269	1830439	+	2	171	TTG	TAA	0	0	
mORF_+_1830345	1830345	1830380	+	3	36	TTG	TAA	0	0	
mORF_+_1830440	1830440	1831258	+	2	819	ATG	TAA	32	152	pORF_+_1830440
mORF_+_1830459	1830459	1830539	+	3	81	TTG	TGA	0	0	
mORF_+_1830540	1830540	1830656	+	3	117	TTG	TGA	0	0	
mORF_+_1830672	1830672	1830767	+	3	96	TTG	TGA	0	0	
mORF_+_1830789	1830789	1830812	+	3	24	GTG	TAA	0	0	
mORF_+_1830876	1830876	1830893	+	3	18	GTG	TGA	0	0	
mORF_+_1830939	1830939	1831022	+	3	84	TTG	TGA	0	0	
mORF_+_1830979	1830979	1831092	+	1	114	ATG	TGA	0	0	
mORF_+_1831053	1831053	1831178	+	3	126	ATG	TAG	0	0	
mORF_+_1831168	1831168	1831197	+	1	30	ATG	TGA	0	0	
mORF_+_1831194	1831194	1831376	+	3	183	ATG	TAG	0	0	
mORF_+_1831334	1831334	1831384	+	2	51	TTG	TGA	0	0	

mORF_+_1831351	1831351	1831413	+	1	63	TTG	TAG	0	0	
mORF_+_1831377	1831377	1832135	+	3	759	TTG	TAG	0	0	
mORF_+_1831450	1831450	1831632	+	1	183	TTG	TGA	0	0	
mORF_+_1831651	1831651	1831665	+	1	15	TTG	TAG	0	0	
mORF_+_1831684	1831684	1831752	+	1	69	TTG	TGA	0	0	
mORF_+_1831706	1831706	1831741	+	2	36	GTG	TGA	0	0	
mORF_+_1831759	1831759	1831830	+	1	72	TTG	TGA	0	0	
mORF_+_1831942	1831942	1831959	+	1	18	TTG	TGA	0	0	
mORF_+_1831978	1831978	1832817	+	1	840	ATG	TAA	1	3	pORF_+_1831978
mORF_+_1832163	1832163	1832213	+	3	51	ATG	TAG	0	0	
mORF_+_1832201	1832201	1832311	+	2	111	TTG	TAA	0	0	
mORF_+_1832330	1832330	1832446	+	2	117	ATG	TGA	0	0	
mORF_+_1832456	1832456	1832479	+	2	24	GTG	TGA	0	0	
mORF_+_1832504	1832504	1832578	+	2	75	ATG	TGA	0	0	
mORF_+_1832579	1832579	1832629	+	2	51	TTG	TAA	0	0	
mORF_+_1832655	1832655	1832675	+	3	21	TTG	TAG	0	0	
mORF_+_1832699	1832699	1832935	+	2	237	ATG	TGA	1	2	pORF_+_1832699
mORF_+_1832832	1832832	1833539	+	3	708	ATG	TGA	0	0	
mORF_+_1832932	1832932	1832988	+	1	57	ATG	TAG	0	0	
mORF_+_1833025	1833025	1833042	+	1	18	TTG	TGA	0	0	
mORF_+_1833058	1833058	1833084	+	1	27	TTG	TGA	0	0	
mORF_+_1833091	1833091	1833189	+	1	99	TTG	TGA	0	0	
mORF_+_1833137	1833137	1833235	+	2	99	GTG	TGA	0	0	
mORF_+_1833232	1833232	1833339	+	1	108	TTG	TGA	0	0	
mORF_+_1833379	1833379	1833429	+	1	51	TTG	TAA	0	0	
mORF_+_1833448	1833448	1833480	+	1	33	TTG	TGA	0	0	
mORF_+_1833509	1833509	1833517	+	2	9	ATG	TGA	0	0	
mORF_+_1833514	1833514	1833558	+	1	45	TTG	TAG	0	0	
mORF_+_1833539	1833539	1834087	+	2	549	ATG	TAA	1	2	pORF_+_1833539
mORF_+_1833589	1833589	1833768	+	1	180	GTG	TGA	0	0	
mORF_+_1833678	1833678	1833722	+	3	45	TTG	TAG	0	0	
mORF_+_1833732	1833732	1833794	+	3	63	TTG	TGA	0	0	
mORF_+_1833772	1833772	1833825	+	1	54	TTG	TAA	0	0	
mORF_+_1833870	1833870	1833914	+	3	45	ATG	TAA	0	0	
mORF_+_1833930	1833930	1833989	+	3	60	ATG	TGA	0	0	
mORF_+_1834060	1834060	1834074	+	1	15	GTG	TGA	0	0	
mORF_+_1834094	1834094	1835263	+	2	1170	ATG	TAA	4	20	pORF_+_1834094
mORF_+_1834105	1834105	1834161	+	1	57	TTG	TGA	0	0	
mORF_+_1834107	1834107	1834256	+	3	150	GTG	TGA	0	0	
mORF_+_1834296	1834296	1834328	+	3	33	TTG	TGA	0	0	
mORF_+_1834473	1834473	1834556	+	3	84	ATG	TGA	0	0	
mORF_+_1834575	1834575	1834700	+	3	126	ATG	TGA	0	0	
mORF_+_1834746	1834746	1834865	+	3	120	ATG	TGA	0	0	
mORF_+_1834777	1834777	1834791	+	1	15	GTG	TGA	0	0	
mORF_+_1834810	1834810	1834899	+	1	90	GTG	TAA	0	0	
mORF_+_1834908	1834908	1834979	+	3	72	ATG	TGA	0	0	
mORF_+_1834980	1834980	1835042	+	3	63	TTG	TAG	0	0	
mORF_+_1835043	1835043	1835219	+	3	177	TTG	TAA	0	0	
mORF_+_1835212	1835212	1836771	+	1	1560	TTG	TAA	0	0	
mORF_+_1835220	1835220	1835573	+	3	354	ATG	TGA	0	0	
mORF_+_1835297	1835297	1835308	+	2	12	ATG	TGA	0	0	
mORF_+_1835369	1835369	1835446	+	2	78	TTG	TGA	0	0	
mORF_+_1835447	1835447	1835461	+	2	15	TTG	TGA	0	0	
mORF_+_1835462	1835462	1835659	+	2	198	TTG	TGA	0	0	
mORF_+_1835679	1835679	1835879	+	3	201	GTG	TAA	0	0	
mORF_+_1835729	1835729	1835770	+	2	42	TTG	TGA	0	0	
mORF_+_1835825	1835825	1835899	+	2	75	TTG	TAA	0	0	
mORF_+_1835910	1835910	1835933	+	3	24	GTG	TGA	0	0	
mORF_+_1835930	1835930	1835971	+	2	42	TTG	TGA	0	0	
mORF_+_1836012	1836012	1836170	+	3	159	ATG	TAG	0	0	
mORF_+_1836047	1836047	1836112	+	2	66	ATG	TAA	0	0	
mORF_+_1836116	1836116	1836193	+	2	78	GTG	TGA	0	0	
mORF_+_1836240	1836240	1836443	+	3	204	GTG	TGA	0	0	

mORF_+_1836353	1836353	1836397	+	2	45	ATG	TGA	0	0	
mORF_+_1836440	1836440	1836454	+	2	15	TTG	TAA	0	0	
mORF_+_1836461	1836461	1836508	+	2	48	TTG	TGA	0	0	
mORF_+_1836510	1836510	1836629	+	3	120	ATG	TGA	0	0	
mORF_+_1836539	1836539	1836643	+	2	105	TTG	TAA	0	0	
mORF_+_1836684	1836684	1837424	+	3	741	ATG	TAA	0	0	
mORF_+_1836713	1836713	1836721	+	2	9	TTG	TGA	0	0	
mORF_+_1836749	1836749	1836832	+	2	84	ATG	TAA	0	0	
mORF_+_1836787	1836787	1836822	+	1	36	ATG	TGA	0	0	
mORF_+_1836850	1836850	1836867	+	1	18	GTG	TAA	0	0	
mORF_+_1836883	1836883	1836912	+	1	30	GTG	TGA	0	0	
mORF_+_1836905	1836905	1836949	+	2	45	ATG	TGA	0	0	
mORF_+_1836913	1836913	1837113	+	1	201	TTG	TGA	0	0	
mORF_+_1836953	1836953	1836964	+	2	12	ATG	TGA	0	0	
mORF_+_1837114	1837114	1837341	+	1	228	ATG	TAA	0	0	
mORF_+_1837292	1837292	1837369	+	2	78	GTG	TGA	0	0	
mORF_+_1837357	1837357	1837494	+	1	138	ATG	TGA	0	0	
mORF_+_1837394	1837394	1837564	+	2	171	GTG	TGA	0	0	
mORF_+_1837476	1837476	1838798	+	3	1323	ATG	TAA	8	19	pORF_+_1837476
mORF_+_1837498	1837498	1837512	+	1	15	GTG	TGA	0	0	
mORF_+_1837585	1837585	1837620	+	1	36	TTG	TAG	0	0	
mORF_+_1837666	1837666	1837698	+	1	33	ATG	TAA	0	0	
mORF_+_1837717	1837717	1837728	+	1	12	TTG	TGA	0	0	
mORF_+_1837748	1837748	1837765	+	2	18	GTG	TAA	0	0	
mORF_+_1837777	1837777	1837851	+	1	75	ATG	TAA	0	0	
mORF_+_1837870	1837870	1837881	+	1	12	GTG	TAA	0	0	
mORF_+_1837915	1837915	1838124	+	1	210	TTG	TAA	0	0	
mORF_+_1837937	1837937	1837963	+	2	27	ATG	TAA	0	0	
mORF_+_1838096	1838096	1838113	+	2	18	GTG	TGA	0	0	
mORF_+_1838155	1838155	1838235	+	1	81	ATG	TGA	0	0	
mORF_+_1838239	1838239	1838319	+	1	81	ATG	TGA	0	0	
mORF_+_1838389	1838389	1838424	+	1	36	GTG	TGA	0	0	
mORF_+_1838435	1838435	1838479	+	2	45	GTG	TAA	0	0	
mORF_+_1838488	1838488	1838496	+	1	9	GTG	TAG	0	0	
mORF_+_1838507	1838507	1838524	+	2	18	TTG	TAG	0	0	
mORF_+_1838560	1838560	1838763	+	1	204	ATG	TAG	0	0	
mORF_+_1838597	1838597	1838719	+	2	123	GTG	TGA	0	0	
mORF_+_1838735	1838735	1838773	+	2	39	ATG	TGA	0	0	
mORF_+_1838770	1838770	1838859	+	1	90	GTG	TAA	0	0	
mORF_+_1838801	1838801	1838923	+	2	123	TTG	TAA	0	0	
mORF_+_1838911	1838911	1839072	+	1	162	ATG	TAA	0	0	
mORF_+_1838955	1838955	1838981	+	3	27	GTG	TAG	0	0	
mORF_+_1838993	1838993	1839265	+	2	273	ATG	TAG	0	0	
mORF_+_1839063	1839063	1839152	+	3	90	GTG	TAA	0	0	
mORF_+_1839115	1839115	1839129	+	1	15	GTG	TAA	0	0	
mORF_+_1839255	1839255	1839383	+	3	129	ATG	TGA	0	0	
mORF_+_1839331	1839331	1839351	+	1	21	ATG	TAA	0	0	
mORF_+_1839383	1839383	1839424	+	2	42	ATG	TAG	0	0	
mORF_+_1839458	1839458	1839517	+	2	60	TTG	TGA	0	0	
mORF_+_1839468	1839468	1839527	+	3	60	GTG	TGA	0	0	
mORF_+_1839505	1839505	1839510	+	1	6	GTG	TAA	0	0	
mORF_+_1839514	1839514	1839921	+	1	408	ATG	TAG	0	0	
mORF_+_1839524	1839524	1839880	+	2	357	TTG	TAG	0	0	
mORF_+_1839606	1839606	1839626	+	3	21	ATG	TAA	0	0	
mORF_+_1839822	1839822	1839833	+	3	12	GTG	TGA	0	0	
mORF_+_1839921	1839921	1839995	+	3	75	GTG	TAA	0	0	
mORF_+_1839950	1839950	1840039	+	2	90	TTG	TGA	0	0	
mORF_+_1840097	1840097	1840120	+	2	24	ATG	TAA	0	0	
mORF_+_1840111	1840111	1840173	+	1	63	GTG	TAA	0	0	
mORF_+_1840179	1840179	1840229	+	3	51	TTG	TGA	0	0	
mORF_+_1840208	1840208	1840222	+	2	15	GTG	TAG	0	0	
mORF_+_1840240	1840240	1840314	+	1	75	TTG	TGA	0	0	
mORF_+_1840269	1840269	1840322	+	3	54	TTG	TAG	0	0	

mORF_+_1840342	1840342	1840350	+	1	9	ATG	TAA	0	0	
mORF_+_1840395	1840395	1841738	+	3	1344	ATG	TAA	95	1894	pORF_+_1840395
mORF_+_1840432	1840432	1840488	+	1	57	ATG	TAA	0	0	
mORF_+_1840510	1840510	1840575	+	1	66	TTG	TGA	0	0	
mORF_+_1840592	1840592	1840600	+	2	9	ATG	TGA	0	0	
mORF_+_1840597	1840597	1840752	+	1	156	TTG	TGA	0	0	
mORF_+_1840631	1840631	1840699	+	2	69	ATG	TAA	0	0	
mORF_+_1840771	1840771	1840824	+	1	54	GTG	TGA	0	0	
mORF_+_1840832	1840832	1840852	+	2	21	TTG	TGA	0	0	
mORF_+_1840894	1840894	1840941	+	1	48	GTG	TGA	0	0	
mORF_+_1840996	1840996	1841064	+	1	69	TTG	TAA	0	0	
mORF_+_1841083	1841083	1841169	+	1	87	TTG	TGA	0	0	
mORF_+_1841200	1841200	1841700	+	1	501	TTG	TGA	0	0	
mORF_+_1841324	1841324	1841341	+	2	18	GTG	TGA	0	0	
mORF_+_1841354	1841354	1841371	+	2	18	TTG	TGA	0	0	
mORF_+_1841704	1841704	1841733	+	1	30	TTG	TGA	0	0	
mORF_+_1841740	1841740	1841745	+	1	6	TTG	TAA	0	0	
mORF_+_1841746	1841746	1841868	+	1	123	ATG	TAA	0	0	
mORF_+_1841753	1841753	1841815	+	2	63	ATG	TAG	0	0	
mORF_+_1841872	1841872	1842216	+	1	345	ATG	TAG	0	0	
mORF_+_1841898	1841898	1841924	+	3	27	ATG	TAG	0	0	
mORF_+_1841924	1841924	1841980	+	2	57	GTG	TAA	0	0	
mORF_+_1841940	1841940	1841948	+	3	9	TTG	TAA	0	0	
mORF_+_1842002	1842002	1842145	+	2	144	ATG	TGA	0	0	
mORF_+_1842138	1842138	1842212	+	3	75	GTG	TGA	0	0	
mORF_+_1842209	1842209	1842238	+	2	30	ATG	TGA	0	0	
mORF_+_1842294	1842294	1842359	+	3	66	ATG	TAA	0	0	
mORF_+_1842298	1842298	1842306	+	1	9	TTG	TAA	0	0	
mORF_+_1842320	1842320	1842349	+	2	30	ATG	TAA	0	0	
mORF_+_1842383	1842383	1842394	+	2	12	TTG	TAA	0	0	
mORF_+_1842414	1842414	1842446	+	3	33	ATG	TGA	0	0	
mORF_+_1842443	1842443	1842547	+	2	105	ATG	TAG	0	0	
mORF_+_1842462	1842462	1842518	+	3	57	TTG	TGA	0	0	
mORF_+_1842532	1842532	1842570	+	1	39	GTG	TGA	0	0	
mORF_+_1842599	1842599	1842658	+	2	60	ATG	TAA	0	0	
mORF_+_1842616	1842616	1842624	+	1	9	TTG	TAA	0	0	
mORF_+_1842711	1842711	1842764	+	3	54	TTG	TAA	0	0	
mORF_+_1842715	1842715	1842804	+	1	90	ATG	TAA	0	0	
mORF_+_1842786	1842786	1842971	+	3	186	ATG	TGA	0	0	
mORF_+_1842869	1842869	1842880	+	2	12	ATG	TAA	0	0	
mORF_+_1842940	1842940	1843173	+	1	234	ATG	TGA	0	0	
mORF_+_1842968	1842968	1843180	+	2	213	TTG	TAA	0	0	
mORF_+_1843170	1843170	1843190	+	3	21	TTG	TAG	0	0	
mORF_+_1843245	1843245	1843316	+	3	72	TTG	TAG	0	0	
mORF_+_1843276	1843276	1843347	+	1	72	ATG	TAG	0	0	
mORF_+_1843338	1843338	1843637	+	3	300	GTG	TAA	0	0	
mORF_+_1843357	1843357	1843761	+	1	405	TTG	TGA	0	0	
mORF_+_1843406	1843406	1843513	+	2	108	TTG	TAA	0	0	
mORF_+_1843595	1843595	1843678	+	2	84	GTG	TAG	0	0	
mORF_+_1843746	1843746	1844012	+	3	267	TTG	TAG	0	0	
mORF_+_1843804	1843804	1843926	+	1	123	TTG	TGA	0	0	
mORF_+_1843820	1843820	1843834	+	2	15	GTG	TGA	0	0	
mORF_+_1843919	1843919	1843933	+	2	15	GTG	TGA	0	0	
mORF_+_1843933	1843933	1843983	+	1	51	ATG	TAG	0	0	
mORF_+_1844005	1844005	1844151	+	1	147	GTG	TAG	0	0	
mORF_+_1844016	1844016	1844102	+	3	87	GTG	TGA	0	0	
mORF_+_1844078	1844078	1844158	+	2	81	TTG	TGA	0	0	
mORF_+_1844155	1844155	1844172	+	1	18	GTG	TGA	0	0	
mORF_+_1844169	1844169	1844216	+	3	48	TTG	TAA	0	0	
mORF_+_1844179	1844179	1844418	+	1	240	ATG	TGA	0	0	
mORF_+_1844204	1844204	1844272	+	2	69	GTG	TAG	0	0	
mORF_+_1844262	1844262	1844762	+	3	501	TTG	TAA	0	0	
mORF_+_1844294	1844294	1844314	+	2	21	GTG	TGA	0	0	

mORF_+_1844428	1844428	1844634	+	1	207	TTG	TAG	0	0	
mORF_+_1844618	1844618	1844722	+	2	105	GTG	TGA	0	0	
mORF_+_1844719	1844719	1844814	+	1	96	TTG	TAG	0	0	
mORF_+_1844763	1844763	1844987	+	3	225	TTG	TGA	0	0	
mORF_+_1844923	1844923	1845459	+	1	537	TTG	TGA	1	3	pORF_+_1844923
mORF_+_1844984	1844984	1844992	+	2	9	TTG	TAA	0	0	
mORF_+_1845005	1845005	1845187	+	2	183	ATG	TGA	0	0	
mORF_+_1845042	1845042	1845077	+	3	36	TTG	TAG	0	0	
mORF_+_1845212	1845212	1845280	+	2	69	GTG	TAG	0	0	
mORF_+_1845288	1845288	1845350	+	3	63	GTG	TAA	0	0	
mORF_+_1845377	1845377	1845439	+	2	63	ATG	TGA	0	0	
mORF_+_1845456	1845456	1845479	+	3	24	GTG	TAA	0	0	
mORF_+_1845473	1845473	1845616	+	2	144	GTG	TGA	0	0	
mORF_+_1845526	1845526	1846086	+	1	561	TTG	TGA	0	0	
mORF_+_1845528	1845528	1845704	+	3	177	GTG	TAA	0	0	
mORF_+_1845698	1845698	1846081	+	2	384	TTG	TGA	0	0	
mORF_+_1845963	1845963	1846067	+	3	105	TTG	TAA	0	0	
mORF_+_1846083	1846083	1846103	+	3	21	GTG	TGA	0	0	
mORF_+_1846090	1846090	1846158	+	1	69	GTG	TAA	0	0	
mORF_+_1846116	1846116	1846295	+	3	180	TTG	TAA	0	0	
mORF_+_1846199	1846199	1846357	+	2	159	ATG	TGA	0	0	
mORF_+_1846312	1846312	1846404	+	1	93	ATG	TGA	0	0	
mORF_+_1846344	1846344	1846685	+	3	342	TTG	TAG	0	0	
mORF_+_1846429	1846429	1846704	+	1	276	GTG	TGA	0	0	
mORF_+_1846442	1846442	1846477	+	2	36	GTG	TAG	0	0	
mORF_+_1846637	1846637	1846678	+	2	42	TTG	TGA	0	0	
mORF_+_1846691	1846691	1846708	+	2	18	GTG	TAA	0	0	
mORF_+_1846701	1846701	1846739	+	3	39	TTG	TAA	0	0	
mORF_+_1846717	1846717	1848717	+	1	2001	GTG	TAA	10	28	pORF_+_1846717
mORF_+_1846754	1846754	1846918	+	2	165	TTG	TGA	0	0	
mORF_+_1846821	1846821	1846832	+	3	12	TTG	TGA	0	0	
mORF_+_1846836	1846836	1846841	+	3	6	GTG	TGA	0	0	
mORF_+_1846872	1846872	1846898	+	3	27	TTG	TAA	0	0	
mORF_+_1846899	1846899	1846931	+	3	33	ATG	TGA	0	0	
mORF_+_1846928	1846928	1847059	+	2	132	GTG	TGA	0	0	
mORF_+_1846983	1846983	1847006	+	3	24	TTG	TGA	0	0	
mORF_+_1847114	1847114	1847212	+	2	99	TTG	TGA	0	0	
mORF_+_1847285	1847285	1847449	+	2	165	GTG	TGA	0	0	
mORF_+_1847367	1847367	1847393	+	3	27	TTG	TGA	0	0	
mORF_+_1847462	1847462	1847581	+	2	120	ATG	TGA	0	0	
mORF_+_1847565	1847565	1847597	+	3	33	GTG	TAA	0	0	
mORF_+_1847588	1847588	1847656	+	2	69	TTG	TAA	0	0	
mORF_+_1847666	1847666	1847746	+	2	81	GTG	TGA	0	0	
mORF_+_1847834	1847834	1847956	+	2	123	GTG	TGA	0	0	
mORF_+_1847963	1847963	1848013	+	2	51	TTG	TGA	0	0	
mORF_+_1848059	1848059	1848145	+	2	87	TTG	TGA	0	0	
mORF_+_1848203	1848203	1848286	+	2	84	TTG	TGA	0	0	
mORF_+_1848302	1848302	1848487	+	2	186	TTG	TGA	0	0	
mORF_+_1848492	1848492	1848515	+	3	24	GTG	TGA	0	0	
mORF_+_1848512	1848512	1848541	+	2	30	TTG	TGA	0	0	
mORF_+_1848581	1848581	1848622	+	2	42	ATG	TAG	0	0	
mORF_+_1848638	1848638	1848697	+	2	60	GTG	TGA	0	0	
mORF_+_1848690	1848690	1848995	+	3	306	TTG	TGA	0	0	
mORF_+_1848721	1848721	1848729	+	1	9	TTG	TGA	0	0	
mORF_+_1848730	1848730	1848816	+	1	87	GTG	TAG	0	0	
mORF_+_1848823	1848823	1849041	+	1	219	GTG	TGA	0	0	
mORF_+_1848884	1848884	1849900	+	2	1017	ATG	TAA	18	164	pORF_+_1848884
mORF_+_1849038	1849038	1849055	+	3	18	ATG	TGA	0	0	
mORF_+_1849095	1849095	1849226	+	3	132	TTG	TGA	0	0	
mORF_+_1849284	1849284	1849325	+	3	42	ATG	TAA	0	0	
mORF_+_1849377	1849377	1849454	+	3	78	ATG	TGA	0	0	
mORF_+_1849476	1849476	1849490	+	3	15	GTG	TAA	0	0	
mORF_+_1849518	1849518	1849526	+	3	9	TTG	TAG	0	0	

mORF_+_1849608	1849608	1849694	+	3	87	ATG	TGA	0	0	
mORF_+_1849699	1849699	1849713	+	1	15	ATG	TAA	0	0	
mORF_+_1849725	1849725	1849766	+	3	42	GTG	TAA	0	0	
mORF_+_1849767	1849767	1849784	+	3	18	TTG	TGA	0	0	
mORF_+_1849893	1849893	1850552	+	3	660	ATG	TAA	2	6	pORF_+_1849893
mORF_+_1849948	1849948	1850019	+	1	72	ATG	TGA	0	0	
mORF_+_1850020	1850020	1850112	+	1	93	TTG	TAG	0	0	
mORF_+_1850027	1850027	1850044	+	2	18	GTG	TGA	0	0	
mORF_+_1850170	1850170	1850259	+	1	90	GTG	TAG	0	0	
mORF_+_1850260	1850260	1850349	+	1	90	TTG	TGA	0	0	
mORF_+_1850375	1850375	1850419	+	2	45	TTG	TAA	0	0	
mORF_+_1850437	1850437	1850454	+	1	18	ATG	TGA	0	0	
mORF_+_1850441	1850441	1850728	+	2	288	TTG	TAA	0	0	
mORF_+_1850473	1850473	1850589	+	1	117	GTG	TAG	0	0	
mORF_+_1850608	1850608	1850733	+	1	126	GTG	TAA	0	0	
mORF_+_1850691	1850691	1850768	+	3	78	ATG	TAA	0	0	
mORF_+_1850768	1850768	1850776	+	2	9	ATG	TAA	0	0	
mORF_+_1850770	1850770	1850802	+	1	33	GTG	TGA	0	0	
mORF_+_1850799	1850799	1850885	+	3	87	GTG	TAA	0	0	
mORF_+_1850858	1850858	1850917	+	2	60	ATG	TAA	0	0	
mORF_+_1850863	1850863	1850964	+	1	102	TTG	TAG	0	0	
mORF_+_1850910	1850910	1850942	+	3	33	ATG	TAG	0	0	
mORF_+_1850971	1850971	1851000	+	1	30	TTG	TAA	0	0	
mORF_+_1851012	1851012	1851041	+	3	30	GTG	TGA	0	0	
mORF_+_1851038	1851038	1851052	+	2	15	ATG	TAA	0	0	
mORF_+_1851052	1851052	1851063	+	1	12	ATG	TAA	0	0	
mORF_+_1851109	1851109	1851138	+	1	30	TTG	TAA	0	0	
mORF_+_1851126	1851126	1851173	+	3	48	ATG	TAA	0	0	
mORF_+_1851180	1851180	1851290	+	3	111	ATG	TGA	0	0	
mORF_+_1851187	1851187	1851204	+	1	18	TTG	TAA	0	0	
mORF_+_1851214	1851214	1851240	+	1	27	ATG	TAA	0	0	
mORF_+_1851335	1851335	1851427	+	2	93	TTG	TGA	0	0	
mORF_+_1851400	1851400	1851414	+	1	15	GTG	TAA	0	0	
mORF_+_1851447	1851447	1851611	+	3	165	ATG	TAG	0	0	
mORF_+_1851547	1851547	1851591	+	1	45	ATG	TAA	0	0	
mORF_+_1851601	1851601	1851621	+	1	21	ATG	TAA	0	0	
mORF_+_1851663	1851663	1851758	+	3	96	ATG	TAG	0	0	
mORF_+_1851700	1851700	1851720	+	1	21	TTG	TGA	0	0	
mORF_+_1851781	1851781	1851792	+	1	12	GTG	TGA	0	0	
mORF_+_1851789	1851789	1851797	+	3	9	ATG	TAA	0	0	
mORF_+_1851808	1851808	1851819	+	1	12	ATG	TAA	0	0	
mORF_+_1851828	1851828	1851890	+	3	63	TTG	TAA	0	0	
mORF_+_1851841	1851841	1851918	+	1	78	TTG	TAA	0	0	
mORF_+_1851944	1851944	1852006	+	2	63	ATG	TAG	0	0	
mORF_+_1851976	1851976	1852032	+	1	57	TTG	TAG	0	0	
mORF_+_1852007	1852007	1852024	+	2	18	GTG	TAA	0	0	
mORF_+_1852036	1852036	1852098	+	1	63	TTG	TAA	0	0	
mORF_+_1852101	1852101	1852118	+	3	18	TTG	TAA	0	0	
mORF_+_1852109	1852109	1852198	+	2	90	GTG	TAA	0	0	
mORF_+_1852111	1852111	1852179	+	1	69	GTG	TGA	0	0	
mORF_+_1852155	1852155	1852202	+	3	48	ATG	TAA	0	0	
mORF_+_1852204	1852204	1852221	+	1	18	ATG	TAA	0	0	
mORF_+_1852235	1852235	1852255	+	2	21	TTG	TGA	0	0	
mORF_+_1852252	1852252	1852266	+	1	15	GTG	TAA	0	0	
mORF_+_1852293	1852293	1852304	+	3	12	TTG	TGA	0	0	
mORF_+_1852301	1852301	1852387	+	2	87	TTG	TGA	0	0	
mORF_+_1852384	1852384	1852428	+	1	45	ATG	TGA	0	0	
mORF_+_1852397	1852397	1852483	+	2	87	ATG	TGA	0	0	
mORF_+_1852425	1852425	1852472	+	3	48	GTG	TAA	0	0	
mORF_+_1852492	1852492	1852518	+	1	27	ATG	TAG	0	0	
mORF_+_1852511	1852511	1852651	+	2	141	TTG	TAA	0	0	
mORF_+_1852617	1852617	1852634	+	3	18	GTG	TAA	0	0	
mORF_+_1852656	1852656	1852850	+	3	195	ATG	TAA	0	0	

mORF_+_1852675	1852675	1852707	+	1	33	ATG	TAA	0	0
mORF_+_1852772	1852772	1852792	+	2	21	ATG	TGA	0	0
mORF_+_1852832	1852832	1852858	+	2	27	TTG	TGA	0	0
mORF_+_1852843	1852843	1852950	+	1	108	TTG	TAA	0	0
mORF_+_1852851	1852851	1852928	+	3	78	TTG	TAA	0	0
mORF_+_1852932	1852932	1853000	+	3	69	ATG	TGA	0	0
mORF_+_1852997	1852997	1853071	+	2	75	GTG	TAA	0	0
mORF_+_1853004	1853004	1853018	+	3	15	GTG	TAA	0	0
mORF_+_1853050	1853050	1853076	+	1	27	ATG	TGA	0	0
mORF_+_1853073	1853073	1853195	+	3	123	TTG	TGA	0	0
mORF_+_1853083	1853083	1853121	+	1	39	GTG	TAG	0	0
mORF_+_1853170	1853170	1853310	+	1	141	GTG	TGA	0	0
mORF_+_1853247	1853247	1853300	+	3	54	ATG	TAA	0	0
mORF_+_1853307	1853307	1853348	+	3	42	GTG	TAA	0	0
mORF_+_1853361	1853361	1853432	+	3	72	ATG	TGA	0	0
mORF_+_1853380	1853380	1853436	+	1	57	GTG	TAA	0	0
mORF_+_1853453	1853453	1853527	+	2	75	TTG	TAA	0	0
mORF_+_1853569	1853569	1853658	+	1	90	ATG	TAG	0	0
mORF_+_1853588	1853588	1853710	+	2	123	GTG	TAA	0	0
mORF_+_1853595	1853595	1853600	+	3	6	ATG	TAG	0	0
mORF_+_1853607	1853607	1853612	+	3	6	ATG	TAA	0	0
mORF_+_1853700	1853700	1853789	+	3	90	TTG	TGA	0	0
mORF_+_1853808	1853808	1854380	+	3	573	TTG	TAA	0	0
mORF_+_1853858	1853858	1853980	+	2	123	ATG	TAA	0	0
mORF_+_1853911	1853911	1853964	+	1	54	ATG	TAA	0	0
mORF_+_1853971	1853971	1854090	+	1	120	TTG	TAG	0	0
mORF_+_1853996	1853996	1854079	+	2	84	TTG	TAG	0	0
mORF_+_1854097	1854097	1854156	+	1	60	TTG	TAA	0	0
mORF_+_1854328	1854328	1854345	+	1	18	GTG	TGA	0	0
mORF_+_1854352	1854352	1854369	+	1	18	TTG	TAG	0	0
mORF_+_1854394	1854394	1854438	+	1	45	ATG	TGA	0	0
mORF_+_1854435	1854435	1854557	+	3	123	TTG	TGA	0	0
mORF_+_1854476	1854476	1854496	+	2	21	TTG	TAG	0	0
mORF_+_1854514	1854514	1854525	+	1	12	GTG	TGA	0	0
mORF_+_1854538	1854538	1854621	+	1	84	GTG	TGA	0	0
mORF_+_1854618	1854618	1854701	+	3	84	GTG	TGA	0	0
mORF_+_1854698	1854698	1854775	+	2	78	TTG	TAA	0	0
mORF_+_1854717	1854717	1854863	+	3	147	TTG	TAA	0	0
mORF_+_1854775	1854775	1854804	+	1	30	ATG	TAA	0	0
mORF_+_1854785	1854785	1854991	+	2	207	ATG	TAA	0	0
mORF_+_1854805	1854805	1854891	+	1	87	TTG	TGA	0	0
mORF_+_1854901	1854901	1854918	+	1	18	ATG	TAG	0	0
mORF_+_1854967	1854967	1855056	+	1	90	TTG	TGA	0	0
mORF_+_1855001	1855001	1855114	+	2	114	ATG	TGA	0	0
mORF_+_1855041	1855041	1855247	+	3	207	ATG	TGA	0	0
mORF_+_1855108	1855108	1855254	+	1	147	ATG	TAA	0	0
mORF_+_1855136	1855136	1855147	+	2	12	TTG	TAA	0	0
mORF_+_1855169	1855169	1855219	+	2	51	ATG	TGA	0	0
mORF_+_1855238	1855238	1855531	+	2	294	GTG	TAA	0	0
mORF_+_1855260	1855260	1855289	+	3	30	ATG	TGA	0	0
mORF_+_1855267	1855267	1855341	+	1	75	TTG	TAG	0	0
mORF_+_1855341	1855341	1855394	+	3	54	GTG	TAA	0	0
mORF_+_1855422	1855422	1855451	+	3	30	ATG	TAA	0	0
mORF_+_1855444	1855444	1855512	+	1	69	TTG	TGA	0	0
mORF_+_1855509	1855509	1855595	+	3	87	ATG	TGA	0	0
mORF_+_1855577	1855577	1855660	+	2	84	TTG	TAA	0	0
mORF_+_1855603	1855603	1855608	+	1	6	ATG	TGA	0	0
mORF_+_1855605	1855605	1855625	+	3	21	GTG	TGA	0	0
mORF_+_1855627	1855627	1855746	+	1	120	GTG	TAA	0	0
mORF_+_1855731	1855731	1855817	+	3	87	ATG	TAA	0	0
mORF_+_1855739	1855739	1855780	+	2	42	TTG	TGA	0	0
mORF_+_1855756	1855756	1855824	+	1	69	GTG	TAA	0	0
mORF_+_1855845	1855845	1855898	+	3	54	ATG	TAA	0	0

mORF_+_1855876	1855876	1855950	+	1	75	ATG	TAG	0	0
mORF_+_1855883	1855883	1855942	+	2	60	TTG	TGA	0	0
mORF_+_1855959	1855959	1855970	+	3	12	GTG	TAA	0	0
mORF_+_1855974	1855974	1855982	+	3	9	TTG	TAG	0	0
mORF_+_1856001	1856001	1856093	+	3	93	GTG	TAA	0	0
mORF_+_1856032	1856032	1856067	+	1	36	TTG	TAA	0	0
mORF_+_1856095	1856095	1856106	+	1	12	GTG	TAA	0	0
mORF_+_1856109	1856109	1856171	+	3	63	GTG	TGA	0	0
mORF_+_1856165	1856165	1856485	+	2	321	TTG	TAA	0	0
mORF_+_1856176	1856176	1856184	+	1	9	GTG	TAG	0	0
mORF_+_1856184	1856184	1856450	+	3	267	GTG	TAA	0	0
mORF_+_1856194	1856194	1856205	+	1	12	TTG	TAA	0	0
mORF_+_1856236	1856236	1856340	+	1	105	TTG	TAA	0	0
mORF_+_1856485	1856485	1856517	+	1	33	ATG	TAA	0	0
mORF_+_1856499	1856499	1856561	+	3	63	TTG	TAA	0	0
mORF_+_1856504	1856504	1856716	+	2	213	TTG	TGA	0	0
mORF_+_1856619	1856619	1856666	+	3	48	TTG	TGA	0	0
mORF_+_1856686	1856686	1856697	+	1	12	TTG	TAG	0	0
mORF_+_1856726	1856726	1856737	+	2	12	ATG	TGA	0	0
mORF_+_1856818	1856818	1856862	+	1	45	TTG	TGA	0	0
mORF_+_1856820	1856820	1856903	+	3	84	GTG	TAA	0	0
mORF_+_1856881	1856881	1857009	+	1	129	TTG	TAA	0	0
mORF_+_1856954	1856954	1856965	+	2	12	TTG	TAA	0	0
mORF_+_1856966	1856966	1856989	+	2	24	TTG	TAA	0	0
mORF_+_1857038	1857038	1857055	+	2	18	GTG	TGA	0	0
mORF_+_1857094	1857094	1857141	+	1	48	TTG	TAG	0	0
mORF_+_1857190	1857190	1857219	+	1	30	ATG	TAG	0	0
mORF_+_1857207	1857207	1857215	+	3	9	TTG	TGA	0	0
mORF_+_1857212	1857212	1857304	+	2	93	GTG	TAA	0	0
mORF_+_1857295	1857295	1857609	+	1	315	ATG	TGA	0	0
mORF_+_1857314	1857314	1857367	+	2	54	ATG	TAA	0	0
mORF_+_1857386	1857386	1857403	+	2	18	TTG	TAA	0	0
mORF_+_1857407	1857407	1857532	+	2	126	GTG	TAA	0	0
mORF_+_1857504	1857504	1857764	+	3	261	TTG	TGA	0	0
mORF_+_1857689	1857689	1857700	+	2	12	TTG	TAA	0	0
mORF_+_1857742	1857742	1857963	+	1	222	GTG	TGA	0	0
mORF_+_1857761	1857761	1857793	+	2	33	ATG	TAA	0	0
mORF_+_1857806	1857806	1857847	+	2	42	TTG	TGA	0	0
mORF_+_1857929	1857929	1857982	+	2	54	GTG	TGA	0	0
mORF_+_1857960	1857960	1858064	+	3	105	ATG	TGA	0	0
mORF_+_1857964	1857964	1857975	+	1	12	ATG	TAG	0	0
mORF_+_1857979	1857979	1858260	+	1	282	ATG	TAA	0	0
mORF_+_1858058	1858058	1858414	+	2	357	TTG	TAA	0	0
mORF_+_1858188	1858188	1858208	+	3	21	ATG	TAA	0	0
mORF_+_1858230	1858230	1858298	+	3	69	ATG	TAA	0	0
mORF_+_1858276	1858276	1858305	+	1	30	GTG	TGA	0	0
mORF_+_1858302	1858302	1858451	+	3	150	ATG	TAG	0	0
mORF_+_1858315	1858315	1858380	+	1	66	TTG	TGA	0	0
mORF_+_1858435	1858435	1858467	+	1	33	ATG	TGA	0	0
mORF_+_1858457	1858457	1859377	+	2	921	ATG	TAG	0	0
mORF_+_1858464	1858464	1858832	+	3	369	ATG	TGA	0	0
mORF_+_1858579	1858579	1858668	+	1	90	GTG	TAG	0	0
mORF_+_1858702	1858702	1858770	+	1	69	TTG	TAA	0	0
mORF_+_1858801	1858801	1858818	+	1	18	GTG	TGA	0	0
mORF_+_1858860	1858860	1858871	+	3	12	ATG	TAG	0	0
mORF_+_1858953	1858953	1859090	+	3	138	TTG	TGA	0	0
mORF_+_1859133	1859133	1859222	+	3	90	TTG	TAG	0	0
mORF_+_1859229	1859229	1859318	+	3	90	ATG	TAG	0	0
mORF_+_1859245	1859245	1859259	+	1	15	TTG	TAA	0	0
mORF_+_1859296	1859296	1859412	+	1	117	GTG	TGA	0	0
mORF_+_1859331	1859331	1859387	+	3	57	TTG	TAG	0	0
mORF_+_1859388	1859388	1859450	+	3	63	ATG	TAA	0	0
mORF_+_1859416	1859416	1859439	+	1	24	TTG	TAA	0	0

mORF_+_1859450	1859450	1859638	+	2	189	ATG	TAG	0	0	
mORF_+_1859491	1859491	1859514	+	1	24	ATG	TGA	0	0	
mORF_+_1859511	1859511	1859567	+	3	57	TTG	TAG	0	0	
mORF_+_1859601	1859601	1859606	+	3	6	GTG	TGA	0	0	
mORF_+_1859646	1859646	1859657	+	3	12	ATG	TAA	0	0	
mORF_+_1859658	1859658	1859666	+	3	9	TTG	TGA	0	0	
mORF_+_1859663	1859663	1859755	+	2	93	ATG	TGA	0	0	
mORF_+_1859670	1859670	1859720	+	3	51	GTG	TGA	0	0	
mORF_+_1859736	1859736	1859804	+	3	69	ATG	TGA	0	0	
mORF_+_1859749	1859749	1859796	+	1	48	TTG	TGA	0	0	
mORF_+_1859809	1859809	1859979	+	1	171	TTG	TGA	0	0	
mORF_+_1859811	1859811	1860050	+	3	240	GTG	TGA	0	0	
mORF_+_1859825	1859825	1860022	+	2	198	ATG	TAA	0	0	
mORF_+_1860047	1860047	1860106	+	2	60	TTG	TAA	0	0	
mORF_+_1860117	1860117	1860212	+	3	96	TTG	TGA	0	0	
mORF_+_1860142	1860142	1860201	+	1	60	ATG	TGA	0	0	
mORF_+_1860182	1860182	1860217	+	2	36	ATG	TAA	0	0	
mORF_+_1860221	1860221	1860247	+	2	27	ATG	TAG	0	0	
mORF_+_1860278	1860278	1860292	+	2	15	TTG	TGA	0	0	
mORF_+_1860283	1860283	1860351	+	1	69	TTG	TAA	0	0	
mORF_+_1860338	1860338	1860382	+	2	45	TTG	TGA	0	0	
mORF_+_1860363	1860363	1860449	+	3	87	ATG	TAG	0	0	
mORF_+_1860379	1860379	1860492	+	1	114	ATG	TGA	0	0	
mORF_+_1860476	1860476	1860496	+	2	21	GTG	TGA	0	0	
mORF_+_1860489	1860489	1860539	+	3	51	GTG	TAA	0	0	
mORF_+_1860542	1860542	1860610	+	2	69	TTG	TAA	0	0	
mORF_+_1860556	1860556	1860576	+	1	21	ATG	TGA	0	0	
mORF_+_1860573	1860573	1860599	+	3	27	GTG	TAA	0	0	
mORF_+_1860600	1860600	1860683	+	3	84	TTG	TAG	0	0	
mORF_+_1860632	1860632	1860658	+	2	27	GTG	TGA	0	0	
mORF_+_1860655	1860655	1860708	+	1	54	GTG	TGA	0	0	
mORF_+_1860692	1860692	1860712	+	2	21	TTG	TGA	0	0	
mORF_+_1860705	1860705	1860737	+	3	33	ATG	TAA	0	0	
mORF_+_1860709	1860709	1860798	+	1	90	TTG	TGA	0	0	
mORF_+_1860743	1860743	1860748	+	2	6	TTG	TAA	0	0	
mORF_+_1860786	1860786	1861790	+	3	1005	GTG	TAA	268	29432	pORF_+_1860786
mORF_+_1860823	1860823	1860903	+	1	81	TTG	TAG	0	0	
mORF_+_1860934	1860934	1860975	+	1	42	ATG	TGA	0	0	
mORF_+_1861012	1861012	1861044	+	1	33	GTG	TGA	0	0	
mORF_+_1861046	1861046	1861066	+	2	21	ATG	TGA	0	0	
mORF_+_1861057	1861057	1861098	+	1	42	TTG	TGA	0	0	
mORF_+_1861132	1861132	1861152	+	1	21	GTG	TGA	0	0	
mORF_+_1861210	1861210	1861311	+	1	102	ATG	TGA	0	0	
mORF_+_1861351	1861351	1861440	+	1	90	TTG	TAG	0	0	
mORF_+_1861462	1861462	1861473	+	1	12	ATG	TGA	0	0	
mORF_+_1861516	1861516	1861524	+	1	9	TTG	TGA	0	0	
mORF_+_1861624	1861624	1861632	+	1	9	ATG	TAG	0	0	
mORF_+_1861658	1861658	1861681	+	2	24	TTG	TAA	0	0	
mORF_+_1861675	1861675	1861698	+	1	24	ATG	TGA	0	0	
mORF_+_1861792	1861792	1861800	+	1	9	TTG	TGA	0	0	
mORF_+_1861797	1861797	1861808	+	3	12	ATG	TGA	0	0	
mORF_+_1861805	1861805	1861813	+	2	9	GTG	TAA	0	0	
mORF_+_1861853	1861853	1862758	+	2	906	ATG	TAA	48	745	pORF_+_1861853
mORF_+_1861890	1861890	1861982	+	3	93	TTG	TAA	0	0	
mORF_+_1861992	1861992	1862057	+	3	66	TTG	TGA	0	0	
mORF_+_1862020	1862020	1862037	+	1	18	GTG	TGA	0	0	
mORF_+_1862050	1862050	1862202	+	1	153	GTG	TGA	0	0	
mORF_+_1862079	1862079	1862189	+	3	111	ATG	TGA	0	0	
mORF_+_1862199	1862199	1862219	+	3	21	ATG	TAG	0	0	
mORF_+_1862229	1862229	1862237	+	3	9	TTG	TGA	0	0	
mORF_+_1862311	1862311	1862316	+	1	6	TTG	TGA	0	0	
mORF_+_1862313	1862313	1862399	+	3	87	GTG	TAA	0	0	
mORF_+_1862406	1862406	1862438	+	3	33	GTG	TGA	0	0	

mORF_+_1862439	1862439	1862462	+	3	24	ATG	TGA	0	0	
mORF_+_1862466	1862466	1862510	+	3	45	ATG	TGA	0	0	
mORF_+_1862521	1862521	1862535	+	1	15	TTG	TAA	0	0	
mORF_+_1862535	1862535	1862549	+	3	15	ATG	TGA	0	0	
mORF_+_1862589	1862589	1862672	+	3	84	TTG	TAG	0	0	
mORF_+_1862665	1862665	1862868	+	1	204	TTG	TAA	0	0	
mORF_+_1862745	1862745	1862768	+	3	24	TTG	TAA	0	0	
mORF_+_1862768	1862768	1862959	+	2	192	ATG	TGA	0	0	
mORF_+_1862775	1862775	1862864	+	3	90	GTG	TAG	0	0	
mORF_+_1862908	1862908	1863042	+	1	135	TTG	TAA	0	0	
mORF_+_1862937	1862937	1862966	+	3	30	TTG	TGA	0	0	
mORF_+_1862988	1862988	1862999	+	3	12	GTG	TGA	0	0	
mORF_+_1863002	1863002	1863007	+	2	6	TTG	TGA	0	0	
mORF_+_1863012	1863012	1863026	+	3	15	GTG	TGA	0	0	
mORF_+_1863023	1863023	1863085	+	2	63	TTG	TAA	0	0	
mORF_+_1863106	1863106	1863126	+	1	21	TTG	TAG	0	0	
mORF_+_1863144	1863144	1863173	+	3	30	GTG	TAG	0	0	
mORF_+_1863154	1863154	1863327	+	1	174	ATG	TAA	0	0	
mORF_+_1863173	1863173	1863184	+	2	12	GTG	TGA	0	0	
mORF_+_1863353	1863353	1863418	+	2	66	TTG	TAG	0	0	
mORF_+_1863378	1863378	1863425	+	3	48	ATG	TAG	0	0	
mORF_+_1863394	1863394	1863459	+	1	66	TTG	TAA	0	0	
mORF_+_1863459	1863459	1863518	+	3	60	ATG	TGA	0	0	
mORF_+_1863515	1863515	1863574	+	2	60	ATG	TGA	0	0	
mORF_+_1863549	1863549	1863638	+	3	90	GTG	TAA	0	0	
mORF_+_1863640	1863640	1863690	+	1	51	TTG	TAA	0	0	
mORF_+_1863660	1863660	1863707	+	3	48	TTG	TGA	0	0	
mORF_+_1863677	1863677	1863766	+	2	90	TTG	TGA	0	0	
mORF_+_1863720	1863720	1864262	+	3	543	ATG	TGA	0	0	
mORF_+_1863742	1863742	1863762	+	1	21	ATG	TAG	0	0	
mORF_+_1863763	1863763	1863843	+	1	81	GTG	TAG	0	0	
mORF_+_1863845	1863845	1864144	+	2	300	GTG	TAA	0	0	
mORF_+_1863880	1863880	1863885	+	1	6	TTG	TAG	0	0	
mORF_+_1863961	1863961	1863978	+	1	18	TTG	TAA	0	0	
mORF_+_1864045	1864045	1864053	+	1	9	TTG	TAA	0	0	
mORF_+_1864081	1864081	1864131	+	1	51	ATG	TAA	0	0	
mORF_+_1864171	1864171	1864197	+	1	27	ATG	TGA	0	0	
mORF_+_1864228	1864228	1864236	+	1	9	TTG	TAA	0	0	
mORF_+_1864259	1864259	1864342	+	2	84	TTG	TGA	0	0	
mORF_+_1864339	1864339	1864359	+	1	21	TTG	TAA	0	0	
mORF_+_1864382	1864382	1864462	+	2	81	ATG	TAA	0	0	
mORF_+_1864386	1864386	1864502	+	3	117	GTG	TAA	0	0	
mORF_+_1864472	1864472	1864486	+	2	15	GTG	TGA	0	0	
mORF_+_1864483	1864483	1864593	+	1	111	TTG	TAA	0	0	
mORF_+_1864518	1864518	1864601	+	3	84	ATG	TAA	0	0	
mORF_+_1864616	1864616	1864717	+	2	102	ATG	TGA	0	0	
mORF_+_1864638	1864638	1864706	+	3	69	ATG	TGA	0	0	
mORF_+_1864708	1864708	1864935	+	1	228	ATG	TGA	0	0	
mORF_+_1864731	1864731	1864766	+	3	36	GTG	TAA	0	0	
mORF_+_1864769	1864769	1864810	+	2	42	TTG	TAA	0	0	
mORF_+_1864812	1864812	1864820	+	3	9	ATG	TGA	0	0	
mORF_+_1864817	1864817	1864837	+	2	21	ATG	TAG	0	0	
mORF_+_1864824	1864824	1864889	+	3	66	TTG	TGA	0	0	
mORF_+_1864886	1864886	1864900	+	2	15	ATG	TAA	0	0	
mORF_+_1864904	1864904	1864966	+	2	63	GTG	TGA	0	0	
mORF_+_1864932	1864932	1866866	+	3	1935	ATG	TAA	71	609	pORF_+_1864932
mORF_+_1864963	1864963	1865061	+	1	99	ATG	TGA	0	0	
mORF_+_1865012	1865012	1865050	+	2	39	TTG	TGA	0	0	
mORF_+_1865071	1865071	1865208	+	1	138	GTG	TGA	0	0	
mORF_+_1865269	1865269	1865301	+	1	33	GTG	TGA	0	0	
mORF_+_1865329	1865329	1865337	+	1	9	ATG	TGA	0	0	
mORF_+_1865347	1865347	1865520	+	1	174	GTG	TAG	0	0	
mORF_+_1865465	1865465	1865488	+	2	24	GTG	TGA	0	0	

mORF_+_1865551	1865551	1865760	+	1	210	TTG	TAA	0	0	
mORF_+_1865684	1865684	1865719	+	2	36	GTG	TGA	0	0	
mORF_+_1865852	1865852	1865869	+	2	18	ATG	TAA	0	0	
mORF_+_1865899	1865899	1865913	+	1	15	GTG	TGA	0	0	
mORF_+_1865924	1865924	1865971	+	2	48	TTG	TAA	0	0	
mORF_+_1865977	1865977	1865985	+	1	9	GTG	TGA	0	0	
mORF_+_1865996	1865996	1866097	+	2	102	ATG	TGA	0	0	
mORF_+_1866094	1866094	1866111	+	1	18	ATG	TGA	0	0	
mORF_+_1866151	1866151	1866180	+	1	30	GTG	TGA	0	0	
mORF_+_1866199	1866199	1866243	+	1	45	TTG	TAG	0	0	
mORF_+_1866292	1866292	1866345	+	1	54	TTG	TGA	0	0	
mORF_+_1866367	1866367	1866792	+	1	426	ATG	TGA	0	0	
mORF_+_1866830	1866830	1866856	+	2	27	GTG	TAA	0	0	
mORF_+_1866886	1866886	1866966	+	1	81	ATG	TAG	0	0	
mORF_+_1866954	1866954	1866995	+	3	42	TTG	TGA	0	0	
mORF_+_1866979	1866979	1868262	+	1	1284	ATG	TAA	2	4	pORF_+_1866979
mORF_+_1866992	1866992	1867006	+	2	15	TTG	TGA	0	0	
mORF_+_1867181	1867181	1867390	+	2	210	GTG	TGA	0	0	
mORF_+_1867475	1867475	1867519	+	2	45	TTG	TGA	0	0	
mORF_+_1867544	1867544	1867729	+	2	186	ATG	TGA	0	0	
mORF_+_1867734	1867734	1867775	+	3	42	TTG	TAA	0	0	
mORF_+_1867883	1867883	1867942	+	2	60	ATG	TGA	0	0	
mORF_+_1867952	1867952	1867960	+	2	9	ATG	TAG	0	0	
mORF_+_1867986	1867986	1868024	+	3	39	GTG	TAA	0	0	
mORF_+_1868033	1868033	1868311	+	2	279	ATG	TAA	0	0	
mORF_+_1868046	1868046	1868054	+	3	9	TTG	TGA	0	0	
mORF_+_1868133	1868133	1868147	+	3	15	GTG	TGA	0	0	
mORF_+_1868356	1868356	1868367	+	1	12	ATG	TAA	0	0	
mORF_+_1868409	1868409	1869884	+	3	1476	ATG	TAA	0	0	
mORF_+_1868473	1868473	1868511	+	1	39	TTG	TAA	0	0	
mORF_+_1868527	1868527	1868568	+	1	42	TTG	TAA	0	0	
mORF_+_1868618	1868618	1868638	+	2	21	TTG	TAA	0	0	
mORF_+_1868650	1868650	1868655	+	1	6	ATG	TAA	0	0	
mORF_+_1868686	1868686	1868736	+	1	51	TTG	TAA	0	0	
mORF_+_1868785	1868785	1868796	+	1	12	TTG	TAA	0	0	
mORF_+_1868797	1868797	1868814	+	1	18	GTG	TAG	0	0	
mORF_+_1868815	1868815	1868829	+	1	15	TTG	TAA	0	0	
mORF_+_1868878	1868878	1868928	+	1	51	ATG	TAA	0	0	
mORF_+_1868921	1868921	1868971	+	2	51	TTG	TGA	0	0	
mORF_+_1868950	1868950	1869012	+	1	63	ATG	TGA	0	0	
mORF_+_1869079	1869079	1869195	+	1	117	ATG	TAG	0	0	
mORF_+_1869146	1869146	1869274	+	2	129	TTG	TGA	0	0	
mORF_+_1869271	1869271	1869348	+	1	78	ATG	TGA	0	0	
mORF_+_1869397	1869397	1869408	+	1	12	ATG	TGA	0	0	
mORF_+_1869469	1869469	1869612	+	1	144	TTG	TAG	0	0	
mORF_+_1869530	1869530	1869550	+	2	21	ATG	TGA	0	0	
mORF_+_1869625	1869625	1869714	+	1	90	GTG	TGA	0	0	
mORF_+_1869733	1869733	1869753	+	1	21	ATG	TGA	0	0	
mORF_+_1869763	1869763	1869813	+	1	51	TTG	TGA	0	0	
mORF_+_1869885	1869885	1871555	+	3	1671	GTG	TGA	0	0	
mORF_+_1869905	1869905	1869952	+	2	48	ATG	TAA	0	0	
mORF_+_1869916	1869916	1869981	+	1	66	GTG	TGA	0	0	
mORF_+_1870108	1870108	1870122	+	1	15	GTG	TGA	0	0	
mORF_+_1870141	1870141	1870170	+	1	30	TTG	TGA	0	0	
mORF_+_1870171	1870171	1870257	+	1	87	GTG	TGA	0	0	
mORF_+_1870324	1870324	1870353	+	1	30	TTG	TAA	0	0	
mORF_+_1870423	1870423	1870599	+	1	177	TTG	TGA	0	0	
mORF_+_1870630	1870630	1870722	+	1	93	TTG	TGA	0	0	
mORF_+_1870744	1870744	1870761	+	1	18	ATG	TAA	0	0	
mORF_+_1870768	1870768	1870860	+	1	93	TTG	TAA	0	0	
mORF_+_1870921	1870921	1871028	+	1	108	ATG	TGA	0	0	
mORF_+_1871000	1871000	1871101	+	2	102	GTG	TAG	0	0	
mORF_+_1871080	1871080	1871112	+	1	33	ATG	TGA	0	0	

mORF_+_1871200	1871200	1871223	+	1	24	TTG	TAA	0	0	
mORF_+_1871233	1871233	1871265	+	1	33	ATG	TAG	0	0	
mORF_+_1871311	1871311	1871469	+	1	159	GTG	TGA	0	0	
mORF_+_1871488	1871488	1871601	+	1	114	ATG	TGA	0	0	
mORF_+_1871552	1871552	1871596	+	2	45	ATG	TGA	0	0	
mORF_+_1871565	1871565	1871582	+	3	18	GTG	TAA	0	0	
mORF_+_1871598	1871598	1872101	+	3	504	ATG	TAA	8	31	pORF_+_1871598
mORF_+_1871662	1871662	1871697	+	1	36	GTG	TAG	0	0	
mORF_+_1871702	1871702	1871707	+	2	6	ATG	TGA	0	0	
mORF_+_1871704	1871704	1871739	+	1	36	GTG	TAG	0	0	
mORF_+_1871746	1871746	1871787	+	1	42	GTG	TAA	0	0	
mORF_+_1871762	1871762	1871767	+	2	6	ATG	TAA	0	0	
mORF_+_1871794	1871794	1871835	+	1	42	ATG	TGA	0	0	
mORF_+_1871896	1871896	1872039	+	1	144	ATG	TGA	0	0	
mORF_+_1872061	1872061	1872105	+	1	45	TTG	TAG	0	0	
mORF_+_1872151	1872151	1872198	+	1	48	ATG	TGA	0	0	
mORF_+_1872164	1872164	1872172	+	2	9	ATG	TGA	0	0	
mORF_+_1872179	1872179	1872208	+	2	30	GTG	TAG	0	0	
mORF_+_1872195	1872195	1872383	+	3	189	TTG	TGA	0	0	
mORF_+_1872241	1872241	1872342	+	1	102	TTG	TAA	0	0	
mORF_+_1872257	1872257	1872268	+	2	12	ATG	TGA	0	0	
mORF_+_1872290	1872290	1872304	+	2	15	ATG	TAA	0	0	
mORF_+_1872359	1872359	1872397	+	2	39	TTG	TGA	0	0	
mORF_+_1872376	1872376	1872822	+	1	447	ATG	TAG	0	0	
mORF_+_1872473	1872473	1872493	+	2	21	TTG	TAA	0	0	
mORF_+_1872507	1872507	1872515	+	3	9	GTG	TGA	0	0	
mORF_+_1872512	1872512	1872529	+	2	18	TTG	TAA	0	0	
mORF_+_1872554	1872554	1872604	+	2	51	TTG	TGA	0	0	
mORF_+_1872641	1872641	1872649	+	2	9	TTG	TAG	0	0	
mORF_+_1872656	1872656	1872685	+	2	30	TTG	TGA	0	0	
mORF_+_1872770	1872770	1872805	+	2	36	TTG	TGA	0	0	
mORF_+_1872806	1872806	1872826	+	2	21	TTG	TAA	0	0	
mORF_+_1872851	1872851	1872895	+	2	45	TTG	TGA	0	0	
mORF_+_1872889	1872889	1872963	+	1	75	TTG	TAA	0	0	
mORF_+_1872911	1872911	1872946	+	2	36	ATG	TAA	0	0	
mORF_+_1873032	1873032	1873133	+	3	102	TTG	TGA	0	0	
mORF_+_1873064	1873064	1873201	+	2	138	TTG	TAA	0	0	
mORF_+_1873072	1873072	1873128	+	1	57	ATG	TAG	0	0	
mORF_+_1873162	1873162	1873332	+	1	171	GTG	TAA	0	0	
mORF_+_1873290	1873290	1873367	+	3	78	GTG	TGA	0	0	
mORF_+_1873364	1873364	1873462	+	2	99	TTG	TAG	0	0	
mORF_+_1873368	1873368	1873493	+	3	126	TTG	TGA	0	0	
mORF_+_1873408	1873408	1873449	+	1	42	GTG	TAA	0	0	
mORF_+_1873450	1873450	1873581	+	1	132	TTG	TGA	0	0	
mORF_+_1873487	1873487	1873510	+	2	24	GTG	TAA	0	0	
mORF_+_1873526	1873526	1873615	+	2	90	GTG	TAG	0	0	
mORF_+_1873578	1873578	1873634	+	3	57	TTG	TAG	0	0	
mORF_+_1873636	1873636	1873683	+	1	48	TTG	TAA	0	0	
mORF_+_1873686	1873686	1873700	+	3	15	ATG	TGA	0	0	
mORF_+_1873697	1873697	1874878	+	2	1182	ATG	TAA	0	0	
mORF_+_1873734	1873734	1873757	+	3	24	TTG	TGA	0	0	
mORF_+_1873761	1873761	1873835	+	3	75	TTG	TGA	0	0	
mORF_+_1873881	1873881	1873889	+	3	9	TTG	TAA	0	0	
mORF_+_1873923	1873923	1873961	+	3	39	TTG	TGA	0	0	
mORF_+_1873965	1873965	1874048	+	3	84	GTG	TAG	0	0	
mORF_+_1874052	1874052	1874072	+	3	21	ATG	TAA	0	0	
mORF_+_1874187	1874187	1874216	+	3	30	TTG	TGA	0	0	
mORF_+_1874218	1874218	1874427	+	1	210	GTG	TAG	0	0	
mORF_+_1874274	1874274	1874285	+	3	12	ATG	TGA	0	0	
mORF_+_1874331	1874331	1874384	+	3	54	TTG	TGA	0	0	
mORF_+_1874388	1874388	1874468	+	3	81	TTG	TAG	0	0	
mORF_+_1874511	1874511	1874516	+	3	6	ATG	TGA	0	0	
mORF_+_1874526	1874526	1874552	+	3	27	GTG	TGA	0	0	

mORF_+_1874554	1874554	1874679	+	1	126	GTG	TAG	0	0	
mORF_+_1874571	1874571	1874645	+	3	75	TTG	TGA	0	0	
mORF_+_1874664	1874664	1874759	+	3	96	TTG	TGA	0	0	
mORF_+_1874775	1874775	1874831	+	3	57	ATG	TGA	0	0	
mORF_+_1874848	1874848	1874901	+	1	54	TTG	TAA	0	0	
mORF_+_1874885	1874885	1874893	+	2	9	GTG	TAG	0	0	
mORF_+_1874908	1874908	1874961	+	1	54	ATG	TGA	0	0	
mORF_+_1874912	1874912	1875280	+	2	369	GTG	TGA	12	40	pORF_+_1874912
mORF_+_1874958	1874958	1875038	+	3	81	ATG	TAG	0	0	
mORF_+_1875042	1875042	1875206	+	3	165	TTG	TGA	0	0	
mORF_+_1875049	1875049	1875057	+	1	9	GTG	TAA	0	0	
mORF_+_1875243	1875243	1875440	+	3	198	ATG	TAG	0	0	
mORF_+_1875277	1875277	1875387	+	1	111	GTG	TGA	0	0	
mORF_+_1875320	1875320	1875370	+	2	51	ATG	TAA	0	0	
mORF_+_1875392	1875392	1875505	+	2	114	TTG	TGA	0	0	
mORF_+_1875454	1875454	1875480	+	1	27	TTG	TAG	0	0	
mORF_+_1875481	1875481	1875546	+	1	66	GTG	TGA	0	0	
mORF_+_1875560	1875560	1875700	+	2	141	TTG	TAA	0	0	
mORF_+_1875610	1875610	1876764	+	1	1155	TTG	TGA	2	5	pORF_+_1875610
mORF_+_1875654	1875654	1875671	+	3	18	TTG	TGA	0	0	
mORF_+_1875684	1875684	1875704	+	3	21	ATG	TAA	0	0	
mORF_+_1875732	1875732	1875842	+	3	111	TTG	TGA	0	0	
mORF_+_1875776	1875776	1875862	+	2	87	TTG	TGA	0	0	
mORF_+_1875872	1875872	1876069	+	2	198	ATG	TGA	0	0	
mORF_+_1875951	1875951	1875983	+	3	33	GTG	TGA	0	0	
mORF_+_1876020	1876020	1876028	+	3	9	TTG	TGA	0	0	
mORF_+_1876091	1876091	1876186	+	2	96	ATG	TGA	0	0	
mORF_+_1876113	1876113	1876130	+	3	18	TTG	TGA	0	0	
mORF_+_1876140	1876140	1876148	+	3	9	GTG	TGA	0	0	
mORF_+_1876187	1876187	1876249	+	2	63	TTG	TGA	0	0	
mORF_+_1876250	1876250	1876276	+	2	27	TTG	TAA	0	0	
mORF_+_1876304	1876304	1876315	+	2	12	TTG	TGA	0	0	
mORF_+_1876397	1876397	1876513	+	2	117	ATG	TAG	0	0	
mORF_+_1876514	1876514	1876525	+	2	12	TTG	TAA	0	0	
mORF_+_1876535	1876535	1876597	+	2	63	ATG	TAG	0	0	
mORF_+_1876598	1876598	1876639	+	2	42	GTG	TAG	0	0	
mORF_+_1876664	1876664	1876792	+	2	129	ATG	TGA	0	0	
mORF_+_1876782	1876782	1876895	+	3	114	TTG	TAA	0	0	
mORF_+_1876786	1876786	1876827	+	1	42	TTG	TAA	0	0	
mORF_+_1876856	1876856	1876972	+	2	117	ATG	TAA	0	0	
mORF_+_1876867	1876867	1876956	+	1	90	TTG	TGA	0	0	
mORF_+_1876926	1876926	1876991	+	3	66	GTG	TAG	0	0	
mORF_+_1876963	1876963	1877034	+	1	72	ATG	TAA	0	0	
mORF_+_1877004	1877004	1877027	+	3	24	GTG	TAA	0	0	
mORF_+_1877006	1877006	1877041	+	2	36	GTG	TAA	0	0	
mORF_+_1877104	1877104	1877316	+	1	213	TTG	TAG	0	0	
mORF_+_1877264	1877264	1877308	+	2	45	ATG	TAG	0	0	
mORF_+_1877358	1877358	1877363	+	3	6	TTG	TGA	0	0	
mORF_+_1877360	1877360	1877581	+	2	222	GTG	TGA	0	0	
mORF_+_1877385	1877385	1877423	+	3	39	TTG	TGA	0	0	
mORF_+_1877445	1877445	1877936	+	3	492	ATG	TGA	0	0	
mORF_+_1877458	1877458	1877466	+	1	9	GTG	TAA	0	0	
mORF_+_1877566	1877566	1877628	+	1	63	TTG	TGA	0	0	
mORF_+_1877597	1877597	1877611	+	2	15	TTG	TGA	0	0	
mORF_+_1877629	1877629	1877697	+	1	69	ATG	TAA	0	0	
mORF_+_1877710	1877710	1877781	+	1	72	ATG	TGA	0	0	
mORF_+_1877821	1877821	1877856	+	1	36	TTG	TAA	0	0	
mORF_+_1877849	1877849	1877992	+	2	144	GTG	TGA	0	0	
mORF_+_1877943	1877943	1878077	+	3	135	ATG	TAG	0	0	
mORF_+_1877989	1877989	1878111	+	1	123	GTG	TAG	0	0	
mORF_+_1877993	1877993	1878001	+	2	9	ATG	TGA	0	0	
mORF_+_1878112	1878112	1878204	+	1	93	ATG	TGA	0	0	
mORF_+_1878201	1878201	1878218	+	3	18	GTG	TAG	0	0	

mORF+_1878206	1878206	1878286	+	2	81	TTG	TAG	0	0	
mORF+_1878327	1878327	1878353	+	3	27	ATG	TAA	0	0	
mORF+_1878340	1878340	1878423	+	1	84	ATG	TAA	0	0	
mORF+_1878392	1878392	1878499	+	2	108	ATG	TAA	0	0	
mORF+_1878448	1878448	1878561	+	1	114	TTG	TAA	0	0	
mORF+_1878551	1878551	1878655	+	2	105	ATG	TAA	0	0	
mORF+_1878582	1878582	1878632	+	3	51	ATG	TAA	0	0	
mORF+_1878686	1878686	1878748	+	2	63	TTG	TAG	0	0	
mORF+_1878705	1878705	1878728	+	3	24	TTG	TAA	0	0	
mORF+_1878811	1878811	1878822	+	1	12	ATG	TAA	0	0	
mORF+_1878825	1878825	1878848	+	3	24	GTG	TAG	0	0	
mORF+_1878898	1878898	1878909	+	1	12	TTG	TAA	0	0	
mORF+_1878916	1878916	1878927	+	1	12	ATG	TGA	0	0	
mORF+_1878924	1878924	1879091	+	3	168	GTG	TAA	0	0	
mORF+_1878940	1878940	1878963	+	1	24	GTG	TAA	0	0	
mORF+_1879057	1879057	1879065	+	1	9	TTG	TAA	0	0	
mORF+_1879066	1879066	1879215	+	1	150	ATG	TAA	0	0	
mORF+_1879079	1879079	1879141	+	2	63	ATG	TGA	0	0	
mORF+_1879170	1879170	1879181	+	3	12	GTG	TGA	0	0	
mORF+_1879178	1879178	1879237	+	2	60	GTG	TGA	0	0	
mORF+_1879216	1879216	1879284	+	1	69	TTG	TAA	0	0	
mORF+_1879250	1879250	1879342	+	2	93	ATG	TAA	0	0	
mORF+_1879266	1879266	1879313	+	3	48	ATG	TAA	0	0	
mORF+_1879285	1879285	1879368	+	1	84	ATG	TAA	0	0	
mORF+_1879343	1879343	1879564	+	2	222	TTG	TGA	0	0	
mORF+_1879465	1879465	1879491	+	1	27	TTG	TAA	0	0	
mORF+_1879652	1879652	1879870	+	2	219	ATG	TAA	0	0	
mORF+_1879675	1879675	1879680	+	1	6	GTG	TAA	0	0	
mORF+_1879699	1879699	1879740	+	1	42	TTG	TGA	0	0	
mORF+_1879737	1879737	1879796	+	3	60	GTG	TAA	0	0	
mORF+_1879839	1879839	1879928	+	3	90	GTG	TGA	0	0	
mORF+_1879846	1879846	1879899	+	1	54	ATG	TGA	0	0	
mORF+_1879925	1879925	1879939	+	2	15	GTG	TGA	0	0	
mORF+_1879936	1879936	1881021	+	1	1086	ATG	TAA	2	4	pORF+_1879936
mORF+_1879955	1879955	1880050	+	2	96	TTG	TGA	0	0	
mORF+_1880054	1880054	1880107	+	2	54	TTG	TGA	0	0	
mORF+_1880067	1880067	1880102	+	3	36	GTG	TAA	0	0	
mORF+_1880123	1880123	1880218	+	2	96	ATG	TGA	0	0	
mORF+_1880202	1880202	1880231	+	3	30	GTG	TGA	0	0	
mORF+_1880228	1880228	1880377	+	2	150	GTG	TGA	0	0	
mORF+_1880378	1880378	1880494	+	2	117	ATG	TAA	0	0	
mORF+_1880543	1880543	1880629	+	2	87	ATG	TGA	0	0	
mORF+_1880648	1880648	1880743	+	2	96	ATG	TGA	0	0	
mORF+_1880816	1880816	1880854	+	2	39	TTG	TGA	0	0	
mORF+_1880838	1880838	1880882	+	3	45	TTG	TGA	0	0	
mORF+_1880873	1880873	1880932	+	2	60	ATG	TGA	0	0	
mORF+_1880933	1880933	1880962	+	2	30	TTG	TGA	0	0	
mORF+_1880969	1880969	1881088	+	2	120	ATG	TAA	0	0	
mORF+_1881000	1881000	1881041	+	3	42	TTG	TGA	0	0	
mORF+_1881076	1881076	1881084	+	1	9	TTG	TAA	0	0	
mORF+_1881110	1881110	1881157	+	2	48	TTG	TAA	0	0	
mORF+_1881123	1881123	1881149	+	3	27	GTG	TAA	0	0	
mORF+_1881130	1881130	1881258	+	1	129	ATG	TAA	0	0	
mORF+_1881150	1881150	1881194	+	3	45	TTG	TAG	0	0	
mORF+_1881161	1881161	1881166	+	2	6	ATG	TAA	0	0	
mORF+_1881212	1881212	1882657	+	2	1446	TTG	TGA	0	0	
mORF+_1881276	1881276	1881341	+	3	66	TTG	TAG	0	0	
mORF+_1881328	1881328	1881372	+	1	45	TTG	TGA	0	0	
mORF+_1881366	1881366	1881404	+	3	39	TTG	TAA	0	0	
mORF+_1881373	1881373	1881441	+	1	69	ATG	TAG	0	0	
mORF+_1881525	1881525	1881548	+	3	24	ATG	TGA	0	0	
mORF+_1881564	1881564	1881620	+	3	57	TTG	TGA	0	0	
mORF+_1881598	1881598	1881720	+	1	123	ATG	TAA	0	0	

mORF+_1881660	1881660	1881704	+	3	45	TTG	TGA	0	0
mORF+_1881738	1881738	1881743	+	3	6	TTG	TGA	0	0
mORF+_1881766	1881766	1882065	+	1	300	TTG	TAA	0	0
mORF+_1881783	1881783	1881812	+	3	30	TTG	TGA	0	0
mORF+_1881822	1881822	1881860	+	3	39	TTG	TGA	0	0
mORF+_1881861	1881861	1881914	+	3	54	TTG	TGA	0	0
mORF+_1881957	1881957	1882031	+	3	75	TTG	TAG	0	0
mORF+_1882038	1882038	1882091	+	3	54	TTG	TGA	0	0
mORF+_1882111	1882111	1882251	+	1	141	TTG	TAA	0	0
mORF+_1882125	1882125	1882133	+	3	9	TTG	TAA	0	0
mORF+_1882143	1882143	1882172	+	3	30	ATG	TAA	0	0
mORF+_1882293	1882293	1882403	+	3	111	TTG	TGA	0	0
mORF+_1882393	1882393	1882572	+	1	180	GTG	TGA	0	0
mORF+_1882437	1882437	1882457	+	3	21	GTG	TGA	0	0
mORF+_1882569	1882569	1883813	+	3	1245	TTG	TAA	0	0
mORF+_1882711	1882711	1882878	+	1	168	TTG	TGA	0	0
mORF+_1882730	1882730	1882738	+	2	9	TTG	TAA	0	0
mORF+_1882751	1882751	1882795	+	2	45	GTG	TGA	0	0
mORF+_1882832	1882832	1882870	+	2	39	TTG	TGA	0	0
mORF+_1882882	1882882	1882980	+	1	99	GTG	TGA	0	0
mORF+_1882952	1882952	1882987	+	2	36	GTG	TGA	0	0
mORF+_1882984	1882984	1883007	+	1	24	GTG	TGA	0	0
mORF+_1883027	1883027	1883068	+	2	42	ATG	TAA	0	0
mORF+_1883044	1883044	1883181	+	1	138	ATG	TAG	0	0
mORF+_1883293	1883293	1883502	+	1	210	TTG	TGA	0	0
mORF+_1883312	1883312	1883365	+	2	54	GTG	TGA	0	0
mORF+_1883483	1883483	1883542	+	2	60	GTG	TGA	0	0
mORF+_1883539	1883539	1883607	+	1	69	ATG	TAA	0	0
mORF+_1883629	1883629	1883697	+	1	69	TTG	TGA	0	0
mORF+_1883633	1883633	1883677	+	2	45	GTG	TGA	0	0
mORF+_1883704	1883704	1883856	+	1	153	GTG	TGA	0	0
mORF+_1883813	1883813	1883902	+	2	90	ATG	TGA	0	0
mORF+_1883853	1883853	1883891	+	3	39	TTG	TGA	0	0
mORF+_1883869	1883869	1884834	+	1	966	ATG	TAG	0	0
mORF+_1883909	1883909	1883932	+	2	24	TTG	TGA	0	0
mORF+_1883957	1883957	1884010	+	2	54	ATG	TGA	0	0
mORF+_1884014	1884014	1884052	+	2	39	ATG	TGA	0	0
mORF+_1884062	1884062	1884142	+	2	81	ATG	TAA	0	0
mORF+_1884072	1884072	1884176	+	3	105	TTG	TAA	0	0
mORF+_1884185	1884185	1884193	+	2	9	TTG	TAA	0	0
mORF+_1884233	1884233	1884346	+	2	114	TTG	TAG	0	0
mORF+_1884324	1884324	1884338	+	3	15	TTG	TGA	0	0
mORF+_1884458	1884458	1884475	+	2	18	GTG	TAA	0	0
mORF+_1884476	1884476	1884487	+	2	12	TTG	TAA	0	0
mORF+_1884491	1884491	1884625	+	2	135	GTG	TGA	0	0
mORF+_1884641	1884641	1884787	+	2	147	TTG	TGA	0	0
mORF+_1884669	1884669	1884683	+	3	15	ATG	TGA	0	0
mORF+_1884690	1884690	1884725	+	3	36	ATG	TGA	0	0
mORF+_1884792	1884792	1884812	+	3	21	TTG	TAA	0	0
mORF+_1884800	1884800	1885015	+	2	216	GTG	TGA	0	0
mORF+_1884849	1884849	1884860	+	3	12	ATG	TGA	0	0
mORF+_1884913	1884913	1885110	+	1	198	TTG	TAA	0	0
mORF+_1884915	1884915	1884920	+	3	6	GTG	TAA	0	0
mORF+_1884993	1884993	1885148	+	3	156	GTG	TAA	0	0
mORF+_1885028	1885028	1885048	+	2	21	ATG	TGA	0	0
mORF+_1885117	1885117	1885206	+	1	90	ATG	TGA	0	0
mORF+_1885163	1885163	1885408	+	2	246	ATG	TGA	0	0
mORF+_1885203	1885203	1885229	+	3	27	GTG	TAA	0	0
mORF+_1885287	1885287	1885358	+	3	72	ATG	TAA	0	0
mORF+_1885336	1885336	1885446	+	1	111	TTG	TGA	0	0
mORF+_1885362	1885362	1885391	+	3	30	TTG	TAA	0	0
mORF+_1885392	1885392	1885490	+	3	99	TTG	TAG	0	0
mORF+_1885522	1885522	1885575	+	1	54	TTG	TGA	0	0

mORF_+_1885606	1885606	1885884	+	1	279	GTG	TGA	0	0	
mORF_+_1885670	1885670	1885747	+	2	78	ATG	TGA	0	0	
mORF_+_1885704	1885704	1885730	+	3	27	TTG	TAA	0	0	
mORF_+_1885776	1885776	1885826	+	3	51	ATG	TGA	0	0	
mORF_+_1885787	1885787	1885792	+	2	6	TTG	TGA	0	0	
mORF_+_1885823	1885823	1885837	+	2	15	GTG	TGA	0	0	
mORF_+_1885844	1885844	1885999	+	2	156	GTG	TAA	0	0	
mORF_+_1885863	1885863	1886069	+	3	207	ATG	TGA	0	0	
mORF_+_1885909	1885909	1886010	+	1	102	GTG	TAA	0	0	
mORF_+_1886017	1886017	1886031	+	1	15	TTG	TAG	0	0	
mORF_+_1886095	1886095	1886214	+	1	120	TTG	TGA	0	0	
mORF_+_1886234	1886234	1886248	+	2	15	GTG	TAA	0	0	
mORF_+_1886252	1886252	1886350	+	2	99	ATG	TGA	0	0	
mORF_+_1886340	1886340	1886471	+	3	132	ATG	TAA	0	0	
mORF_+_1886347	1886347	1886376	+	1	30	ATG	TAG	0	0	
mORF_+_1886401	1886401	1886520	+	1	120	ATG	TAA	0	0	
mORF_+_1886542	1886542	1886565	+	1	24	TTG	TGA	0	0	
mORF_+_1886562	1886562	1886888	+	3	327	TTG	TAA	0	0	
mORF_+_1886570	1886570	1886668	+	2	99	GTG	TAA	0	0	
mORF_+_1886602	1886602	1886646	+	1	45	TTG	TGA	0	0	
mORF_+_1886824	1886824	1886991	+	1	168	TTG	TGA	0	0	
mORF_+_1886988	1886988	1887149	+	3	162	GTG	TAA	0	0	
mORF_+_1887022	1887022	1887048	+	1	27	TTG	TAG	0	0	
mORF_+_1887082	1887082	1887090	+	1	9	TTG	TGA	0	0	
mORF_+_1887118	1887118	1887192	+	1	75	GTG	TAG	0	0	
mORF_+_1887198	1887198	1887218	+	3	21	ATG	TGA	0	0	
mORF_+_1887203	1887203	1887259	+	2	57	GTG	TGA	0	0	
mORF_+_1887220	1887220	1887309	+	1	90	ATG	TGA	0	0	
mORF_+_1887234	1887234	1887305	+	3	72	ATG	TAG	0	0	
mORF_+_1887293	1887293	1887301	+	2	9	TTG	TAG	0	0	
mORF_+_1887333	1887333	1887521	+	3	189	GTG	TAA	1	2	pORF_+_1887333
mORF_+_1887368	1887368	1887385	+	2	18	GTG	TAG	0	0	
mORF_+_1887370	1887370	1887375	+	1	6	GTG	TGA	0	0	
mORF_+_1887404	1887404	1887421	+	2	18	ATG	TAA	0	0	
mORF_+_1887490	1887490	1887582	+	1	93	ATG	TAA	0	0	
mORF_+_1887570	1887570	1887818	+	3	249	TTG	TGA	0	0	
mORF_+_1887613	1887613	1887657	+	1	45	TTG	TGA	0	0	
mORF_+_1887718	1887718	1887747	+	1	30	TTG	TAA	0	0	
mORF_+_1887790	1887790	1887921	+	1	132	GTG	TAA	0	0	
mORF_+_1887815	1887815	1887838	+	2	24	ATG	TAA	0	0	
mORF_+_1887882	1887882	1888112	+	3	231	TTG	TAA	0	0	
mORF_+_1888070	1888070	1888096	+	2	27	ATG	TAA	0	0	
mORF_+_1888113	1888113	1888436	+	3	324	ATG	TAA	0	0	
mORF_+_1888123	1888123	1888128	+	1	6	TTG	TAA	0	0	
mORF_+_1888165	1888165	1888266	+	1	102	TTG	TAA	0	0	
mORF_+_1888196	1888196	1888213	+	2	18	TTG	TAA	0	0	
mORF_+_1888267	1888267	1888398	+	1	132	ATG	TGA	0	0	
mORF_+_1888388	1888388	1888468	+	2	81	GTG	TAA	0	0	
mORF_+_1888440	1888440	1888505	+	3	66	TTG	TAG	0	0	
mORF_+_1888450	1888450	1888548	+	1	99	GTG	TGA	0	0	
mORF_+_1888545	1888545	1888592	+	3	48	TTG	TAA	0	0	
mORF_+_1888555	1888555	1888644	+	1	90	ATG	TAA	0	0	
mORF_+_1888622	1888622	1888861	+	2	240	ATG	TGA	0	0	
mORF_+_1888656	1888656	1888733	+	3	78	ATG	TAA	0	0	
mORF_+_1888788	1888788	1889009	+	3	222	TTG	TAG	0	0	
mORF_+_1888858	1888858	1888911	+	1	54	TTG	TGA	0	0	
mORF_+_1888948	1888948	1889112	+	1	165	ATG	TAA	0	0	
mORF_+_1888967	1888967	1889089	+	2	123	TTG	TAA	0	0	
mORF_+_1889055	1889055	1889177	+	3	123	TTG	TAA	0	0	
mORF_+_1889149	1889149	1889187	+	1	39	GTG	TGA	0	0	
mORF_+_1889184	1889184	1889315	+	3	132	TTG	TAA	0	0	
mORF_+_1889221	1889221	1889307	+	1	87	TTG	TAG	0	0	
mORF_+_1889300	1889300	1889344	+	2	45	GTG	TAA	0	0	

mORF_+_1889360	1889360	1889530	+	2	171	ATG	TGA	0	0	
mORF_+_1889392	1889392	1889445	+	1	54	ATG	TAA	0	0	
mORF_+_1889464	1889464	1889979	+	1	516	TTG	TAA	0	0	
mORF_+_1889553	1889553	1889612	+	3	60	TTG	TAA	0	0	
mORF_+_1889615	1889615	1889635	+	2	21	GTG	TAA	0	0	
mORF_+_1889660	1889660	1889737	+	2	78	ATG	TGA	0	0	
mORF_+_1889742	1889742	1889906	+	3	165	TTG	TAA	0	0	
mORF_+_1889897	1889897	1890037	+	2	141	TTG	TGA	0	0	
mORF_+_1889934	1889934	1889963	+	3	30	TTG	TAA	0	0	
mORF_+_1890019	1890019	1890042	+	1	24	ATG	TGA	0	0	
mORF_+_1890039	1890039	1890074	+	3	36	ATG	TGA	0	0	
mORF_+_1890068	1890068	1890079	+	2	12	TTG	TGA	0	0	
mORF_+_1890076	1890076	1890186	+	1	111	GTG	TAG	0	0	
mORF_+_1890099	1890099	1890110	+	3	12	TTG	TAA	0	0	
mORF_+_1890159	1890159	1890215	+	3	57	ATG	TAG	0	0	
mORF_+_1890202	1890202	1890306	+	1	105	TTG	TAA	0	0	
mORF_+_1890227	1890227	1890361	+	2	135	GTG	TAG	0	0	
mORF_+_1890319	1890319	1890348	+	1	30	GTG	TGA	0	0	
mORF_+_1890351	1890351	1890365	+	3	15	TTG	TAA	0	0	
mORF_+_1890405	1890405	1890458	+	3	54	TTG	TAA	0	0	
mORF_+_1890466	1890466	1890489	+	1	24	GTG	TAG	0	0	
mORF_+_1890493	1890493	1890543	+	1	51	ATG	TGA	0	0	
mORF_+_1890506	1890506	1890598	+	2	93	TTG	TGA	0	0	
mORF_+_1890522	1890522	1890539	+	3	18	TTG	TGA	0	0	
mORF_+_1890562	1890562	1890666	+	1	105	ATG	TGA	0	0	
mORF_+_1890576	1890576	1890797	+	3	222	GTG	TGA	0	0	
mORF_+_1890707	1890707	1890715	+	2	9	GTG	TGA	0	0	
mORF_+_1890712	1890712	1890846	+	1	135	TTG	TGA	0	0	
mORF_+_1890794	1890794	1890814	+	2	21	GTG	TGA	0	0	
mORF_+_1890843	1890843	1890881	+	3	39	TTG	TAA	0	0	
mORF_+_1890885	1890885	1890950	+	3	66	TTG	TGA	0	0	
mORF_+_1890947	1890947	1891060	+	2	114	TTG	TAA	0	0	
mORF_+_1890973	1890973	1891023	+	1	51	TTG	TAG	0	0	
mORF_+_1891060	1891060	1891098	+	1	39	ATG	TAA	0	0	
mORF_+_1891108	1891108	1891233	+	1	126	TTG	TGA	0	0	
mORF_+_1891190	1891190	1891207	+	2	18	GTG	TAA	0	0	
mORF_+_1891241	1891241	1891279	+	2	39	GTG	TGA	0	0	
mORF_+_1891276	1891276	1891377	+	1	102	TTG	TAA	0	0	
mORF_+_1891289	1891289	1891300	+	2	12	ATG	TGA	0	0	
mORF_+_1891316	1891316	1891327	+	2	12	TTG	TGA	0	0	
mORF_+_1891341	1891341	1891391	+	3	51	TTG	TGA	0	0	
mORF_+_1891343	1891343	1891735	+	2	393	GTG	TAA	14	99	pORF_+_1891343
mORF_+_1891410	1891410	1891436	+	3	27	ATG	TAG	0	0	
mORF_+_1891467	1891467	1891619	+	3	153	GTG	TGA	0	0	
mORF_+_1891627	1891627	1891704	+	1	78	GTG	TAA	0	0	
mORF_+_1891632	1891632	1891688	+	3	57	ATG	TGA	0	0	
mORF_+_1891707	1891707	1891778	+	3	72	TTG	TAA	0	0	
mORF_+_1891825	1891825	1891860	+	1	36	TTG	TAA	0	0	
mORF_+_1891905	1891905	1891931	+	3	27	ATG	TAG	0	0	
mORF_+_1891913	1891913	1891927	+	2	15	GTG	TGA	0	0	
mORF_+_1891924	1891924	1891953	+	1	30	TTG	TAG	0	0	
mORF_+_1891974	1891974	1891991	+	3	18	GTG	TAA	0	0	
mORF_+_1892020	1892020	1892037	+	1	18	ATG	TAA	0	0	
mORF_+_1892047	1892047	1892061	+	1	15	ATG	TAA	0	0	
mORF_+_1892065	1892065	1892169	+	1	105	GTG	TAA	0	0	
mORF_+_1892087	1892087	1892107	+	2	21	TTG	TAA	0	0	
mORF_+_1892097	1892097	1892456	+	3	360	ATG	TGA	2	5	pORF_+_1892097
mORF_+_1892191	1892191	1892232	+	1	42	TTG	TGA	0	0	
mORF_+_1892233	1892233	1892268	+	1	36	ATG	TAA	0	0	
mORF_+_1892290	1892290	1892397	+	1	108	GTG	TGA	0	0	
mORF_+_1892360	1892360	1892386	+	2	27	ATG	TGA	0	0	
mORF_+_1892478	1892478	1892507	+	3	30	ATG	TAA	0	0	
mORF_+_1892533	1892533	1892571	+	1	39	ATG	TAG	0	0	

mORF_+_1892571	1892571	1892771	+	3	201	GTG	TAA	0	0	
mORF_+_1892573	1892573	1892737	+	2	165	GTG	TGA	0	0	
mORF_+_1892656	1892656	1892733	+	1	78	TTG	TGA	0	0	
mORF_+_1892734	1892734	1892817	+	1	84	GTG	TAG	0	0	
mORF_+_1892793	1892793	1892810	+	3	18	ATG	TAG	0	0	
mORF_+_1892829	1892829	1894190	+	3	1362	ATG	TAA	4	12	pORF_+_1892829
mORF_+_1892915	1892915	1892959	+	2	45	GTG	TAG	0	0	
mORF_+_1892941	1892941	1893000	+	1	60	ATG	TAA	0	0	
mORF_+_1892990	1892990	1893013	+	2	24	TTG	TAA	0	0	
mORF_+_1893022	1893022	1893294	+	1	273	TTG	TGA	0	0	
mORF_+_1893248	1893248	1893301	+	2	54	TTG	TAA	0	0	
mORF_+_1893301	1893301	1893393	+	1	93	ATG	TGA	0	0	
mORF_+_1893448	1893448	1893465	+	1	18	GTG	TGA	0	0	
mORF_+_1893452	1893452	1893505	+	2	54	TTG	TGA	0	0	
mORF_+_1893484	1893484	1893588	+	1	105	ATG	TAA	0	0	
mORF_+_1893506	1893506	1893529	+	2	24	ATG	TAA	0	0	
mORF_+_1893614	1893614	1893619	+	2	6	TTG	TGA	0	0	
mORF_+_1893616	1893616	1893702	+	1	87	GTG	TAA	0	0	
mORF_+_1893727	1893727	1893741	+	1	15	GTG	TGA	0	0	
mORF_+_1893745	1893745	1893756	+	1	12	TTG	TAA	0	0	
mORF_+_1893763	1893763	1893786	+	1	24	ATG	TAG	0	0	
mORF_+_1893919	1893919	1893930	+	1	12	GTG	TAA	0	0	
mORF_+_1893991	1893991	1894020	+	1	30	ATG	TGA	0	0	
mORF_+_1893998	1893998	1894075	+	2	78	GTG	TAA	0	0	
mORF_+_1894102	1894102	1894173	+	1	72	GTG	TGA	0	0	
mORF_+_1894194	1894194	1894772	+	3	579	GTG	TGA	1	2	pORF_+_1894194
mORF_+_1894216	1894216	1894275	+	1	60	TTG	TAA	0	0	
mORF_+_1894393	1894393	1894530	+	1	138	GTG	TAA	0	0	
mORF_+_1894576	1894576	1894650	+	1	75	GTG	TAG	0	0	
mORF_+_1894663	1894663	1894722	+	1	60	GTG	TGA	0	0	
mORF_+_1894682	1894682	1894741	+	2	60	ATG	TGA	0	0	
mORF_+_1894738	1894738	1894764	+	1	27	GTG	TGA	0	0	
mORF_+_1894805	1894805	1894828	+	2	24	TTG	TAG	0	0	
mORF_+_1894843	1894843	1894872	+	1	30	TTG	TAA	0	0	
mORF_+_1894859	1894859	1894864	+	2	6	ATG	TGA	0	0	
mORF_+_1894900	1894900	1894914	+	1	15	ATG	TAG	0	0	
mORF_+_1894939	1894939	1894959	+	1	21	TTG	TGA	0	0	
mORF_+_1894956	1894956	1896320	+	3	1365	GTG	TAA	9	18	pORF_+_1894956
mORF_+_1894990	1894990	1895016	+	1	27	TTG	TAG	0	0	
mORF_+_1895047	1895047	1895121	+	1	75	ATG	TGA	0	0	
mORF_+_1895164	1895164	1895226	+	1	63	TTG	TAG	0	0	
mORF_+_1895263	1895263	1895451	+	1	189	ATG	TAA	0	0	
mORF_+_1895500	1895500	1895628	+	1	129	ATG	TGA	0	0	
mORF_+_1895609	1895609	1895710	+	2	102	ATG	TAA	0	0	
mORF_+_1895638	1895638	1895730	+	1	93	GTG	TGA	0	0	
mORF_+_1895731	1895731	1895748	+	1	18	ATG	TAA	0	0	
mORF_+_1895755	1895755	1895802	+	1	48	TTG	TAA	0	0	
mORF_+_1895818	1895818	1895940	+	1	123	GTG	TGA	0	0	
mORF_+_1895956	1895956	1896093	+	1	138	GTG	TAA	0	0	
mORF_+_1895969	1895969	1896037	+	2	69	TTG	TAG	0	0	
mORF_+_1896050	1896050	1896136	+	2	87	TTG	TGA	0	0	
mORF_+_1896106	1896106	1896159	+	1	54	TTG	TGA	0	0	
mORF_+_1896199	1896199	1896261	+	1	63	GTG	TGA	0	0	
mORF_+_1896289	1896289	1896384	+	1	96	GTG	TAA	0	0	
mORF_+_1896311	1896311	1896316	+	2	6	GTG	TGA	0	0	
mORF_+_1896348	1896348	1896476	+	3	129	ATG	TAA	0	0	
mORF_+_1896421	1896421	1898049	+	1	1629	TTG	TAA	0	0	
mORF_+_1896500	1896500	1896544	+	2	45	TTG	TGA	0	0	
mORF_+_1896504	1896504	1896569	+	3	66	TTG	TAA	0	0	
mORF_+_1896674	1896674	1896859	+	2	186	TTG	TGA	0	0	
mORF_+_1896774	1896774	1896827	+	3	54	TTG	TGA	0	0	
mORF_+_1896869	1896869	1896877	+	2	9	GTG	TGA	0	0	
mORF_+_1896903	1896903	1896926	+	3	24	ATG	TAG	0	0	

mORF_+_1896929	1896929	1896949	+	2	21	ATG	TGA	0	0	
mORF_+_1896980	1896980	1897018	+	2	39	TTG	TGA	0	0	
mORF_+_1897043	1897043	1897060	+	2	18	ATG	TAG	0	0	
mORF_+_1897085	1897085	1897204	+	2	120	ATG	TAA	0	0	
mORF_+_1897161	1897161	1897292	+	3	132	ATG	TGA	0	0	
mORF_+_1897289	1897289	1897351	+	2	63	ATG	TAG	0	0	
mORF_+_1897338	1897338	1897502	+	3	165	ATG	TAG	0	0	
mORF_+_1897400	1897400	1897435	+	2	36	ATG	TAA	0	0	
mORF_+_1897436	1897436	1897447	+	2	12	TTG	TGA	0	0	
mORF_+_1897454	1897454	1897459	+	2	6	ATG	TGA	0	0	
mORF_+_1897484	1897484	1897498	+	2	15	ATG	TGA	0	0	
mORF_+_1897511	1897511	1897558	+	2	48	ATG	TGA	0	0	
mORF_+_1897631	1897631	1897762	+	2	132	ATG	TGA	0	0	
mORF_+_1897766	1897766	1897792	+	2	27	TTG	TAG	0	0	
mORF_+_1897856	1897856	1898113	+	2	258	TTG	TAA	0	0	
mORF_+_1897977	1897977	1898015	+	3	39	ATG	TAA	0	0	
mORF_+_1898068	1898068	1898625	+	1	558	GTG	TGA	0	0	
mORF_+_1898117	1898117	1898182	+	2	66	TTG	TGA	0	0	
mORF_+_1898142	1898142	1898315	+	3	174	GTG	TAA	0	0	
mORF_+_1898315	1898315	1898752	+	2	438	ATG	TAA	0	0	
mORF_+_1898622	1898622	1898666	+	3	45	GTG	TAG	0	0	
mORF_+_1898635	1898635	1899030	+	1	396	TTG	TAA	0	0	
mORF_+_1898769	1898769	1898906	+	3	138	ATG	TAA	0	0	
mORF_+_1898822	1898822	1898830	+	2	9	TTG	TGA	0	0	
mORF_+_1898855	1898855	1898974	+	2	120	ATG	TAA	0	0	
mORF_+_1898984	1898984	1899247	+	2	264	ATG	TAG	0	0	
mORF_+_1899064	1899064	1899387	+	1	324	GTG	TAG	0	0	
mORF_+_1899096	1899096	1899110	+	3	15	ATG	TAA	0	0	
mORF_+_1899219	1899219	1899224	+	3	6	GTG	TGA	0	0	
mORF_+_1899303	1899303	1899314	+	3	12	TTG	TGA	0	0	
mORF_+_1899311	1899311	1899664	+	2	354	TTG	TAA	1	4	pORF_+_1899311
mORF_+_1899411	1899411	1899443	+	3	33	ATG	TAA	0	0	
mORF_+_1899453	1899453	1899521	+	3	69	GTG	TGA	0	0	
mORF_+_1899484	1899484	1899573	+	1	90	TTG	TAG	0	0	
mORF_+_1899585	1899585	1899611	+	3	27	TTG	TGA	0	0	
mORF_+_1899672	1899672	1899695	+	3	24	ATG	TAG	0	0	
mORF_+_1899685	1899685	1899738	+	1	54	GTG	TGA	0	0	
mORF_+_1899735	1899735	1899791	+	3	57	ATG	TAA	0	0	
mORF_+_1899781	1899781	1899861	+	1	81	ATG	TGA	0	0	
mORF_+_1899785	1899785	1899802	+	2	18	TTG	TAA	0	0	
mORF_+_1899825	1899825	1899905	+	3	81	TTG	TAA	0	0	
mORF_+_1899974	1899974	1899994	+	2	21	TTG	TGA	0	0	
mORF_+_1899978	1899978	1899983	+	3	6	TTG	TAG	0	0	
mORF_+_1900005	1900005	1900127	+	3	123	TTG	TAA	0	0	
mORF_+_1900007	1900007	1900042	+	2	36	GTG	TGA	0	0	
mORF_+_1900039	1900039	1900050	+	1	12	TTG	TAA	0	0	
mORF_+_1900072	1900072	1901043	+	1	972	GTG	TAA	76	2146	pORF_+_1900072
mORF_+_1900079	1900079	1900093	+	2	15	TTG	TAG	0	0	
mORF_+_1900100	1900100	1900147	+	2	48	ATG	TAG	0	0	
mORF_+_1900187	1900187	1900207	+	2	21	GTG	TGA	0	0	
mORF_+_1900208	1900208	1900378	+	2	171	TTG	TAA	0	0	
mORF_+_1900275	1900275	1900334	+	3	60	ATG	TGA	0	0	
mORF_+_1900385	1900385	1900429	+	2	45	GTG	TAG	0	0	
mORF_+_1900439	1900439	1900450	+	2	12	GTG	TGA	0	0	
mORF_+_1900472	1900472	1900591	+	2	120	TTG	TGA	0	0	
mORF_+_1900631	1900631	1900720	+	2	90	ATG	TAA	0	0	
mORF_+_1900733	1900733	1900750	+	2	18	TTG	TGA	0	0	
mORF_+_1900775	1900775	1900792	+	2	18	ATG	TAA	0	0	
mORF_+_1900817	1900817	1900822	+	2	6	ATG	TAG	0	0	
mORF_+_1900832	1900832	1900846	+	2	15	TTG	TGA	0	0	
mORF_+_1900868	1900868	1900903	+	2	36	GTG	TGA	0	0	
mORF_+_1900919	1900919	1900954	+	2	36	TTG	TGA	0	0	
mORF_+_1900955	1900955	1901008	+	2	54	ATG	TGA	0	0	

mORF_+_1901048	1901048	1901056	+	2	9	TTG	TGA	0	0	
mORF_+_1901050	1901050	1901091	+	1	42	GTG	TAA	0	0	
mORF_+_1901106	1901106	1901906	+	3	801	ATG	TAA	1	3	pORF_+_1901106
mORF_+_1901128	1901128	1901148	+	1	21	TTG	TAG	0	0	
mORF_+_1901179	1901179	1901205	+	1	27	ATG	TAA	0	0	
mORF_+_1901210	1901210	1901323	+	2	114	GTG	TGA	0	0	
mORF_+_1901233	1901233	1901244	+	1	12	TTG	TGA	0	0	
mORF_+_1901263	1901263	1901280	+	1	18	GTG	TGA	0	0	
mORF_+_1901305	1901305	1901433	+	1	129	GTG	TGA	0	0	
mORF_+_1901458	1901458	1901505	+	1	48	TTG	TGA	0	0	
mORF_+_1901554	1901554	1901619	+	1	66	GTG	TGA	0	0	
mORF_+_1901620	1901620	1901640	+	1	21	ATG	TGA	0	0	
mORF_+_1901644	1901644	1901652	+	1	9	ATG	TGA	0	0	
mORF_+_1901662	1901662	1901670	+	1	9	GTG	TGA	0	0	
mORF_+_1901680	1901680	1901706	+	1	27	TTG	TGA	0	0	
mORF_+_1901710	1901710	1901724	+	1	15	GTG	TGA	0	0	
mORF_+_1901779	1901779	1901793	+	1	15	TTG	TGA	0	0	
mORF_+_1901794	1901794	1901850	+	1	57	TTG	TAG	0	0	
mORF_+_1901854	1901854	1901913	+	1	60	GTG	TGA	0	0	
mORF_+_1901910	1901910	1902770	+	3	861	GTG	TAA	24	452	pORF_+_1901910
mORF_+_1901923	1901923	1902174	+	1	252	TTG	TAA	0	0	
mORF_+_1902011	1902011	1902085	+	2	75	ATG	TGA	0	0	
mORF_+_1902196	1902196	1902252	+	1	57	GTG	TGA	0	0	
mORF_+_1902268	1902268	1902273	+	1	6	GTG	TAG	0	0	
mORF_+_1902310	1902310	1902339	+	1	30	TTG	TGA	0	0	
mORF_+_1902421	1902421	1902483	+	1	63	ATG	TGA	0	0	
mORF_+_1902511	1902511	1902633	+	1	123	TTG	TAA	0	0	
mORF_+_1902536	1902536	1902580	+	2	45	GTG	TGA	0	0	
mORF_+_1902664	1902664	1902825	+	1	162	TTG	TAA	0	0	
mORF_+_1902668	1902668	1902697	+	2	30	TTG	TAA	0	0	
mORF_+_1902704	1902704	1902913	+	2	210	GTG	TAA	0	0	
mORF_+_1902825	1902825	1903283	+	3	459	ATG	TAA	0	0	
mORF_+_1902949	1902949	1902984	+	1	36	GTG	TGA	0	0	
mORF_+_1902985	1902985	1903029	+	1	45	TTG	TAA	0	0	
mORF_+_1903037	1903037	1903108	+	2	72	ATG	TAA	0	0	
mORF_+_1903132	1903132	1903167	+	1	36	ATG	TGA	0	0	
mORF_+_1903180	1903180	1903194	+	1	15	ATG	TGA	0	0	
mORF_+_1903287	1903287	1903379	+	3	93	ATG	TAA	0	0	
mORF_+_1903312	1903312	1903323	+	1	12	GTG	TAA	0	0	
mORF_+_1903364	1903364	1903390	+	2	27	TTG	TGA	0	0	
mORF_+_1903387	1903387	1903407	+	1	21	TTG	TGA	0	0	
mORF_+_1903404	1903404	1903436	+	3	33	ATG	TAA	0	0	
mORF_+_1903450	1903450	1903476	+	1	27	TTG	TAA	0	0	
mORF_+_1903470	1903470	1903715	+	3	246	ATG	TGA	0	0	
mORF_+_1903522	1903522	1903569	+	1	48	ATG	TGA	0	0	
mORF_+_1903594	1903594	1903677	+	1	84	ATG	TGA	0	0	
mORF_+_1903610	1903610	1903621	+	2	12	ATG	TGA	0	0	
mORF_+_1903658	1903658	1904278	+	2	621	ATG	TAA	0	0	
mORF_+_1903737	1903737	1903859	+	3	123	TTG	TGA	0	0	
mORF_+_1903902	1903902	1903943	+	3	42	TTG	TGA	0	0	
mORF_+_1903912	1903912	1903971	+	1	60	ATG	TGA	0	0	
mORF_+_1903968	1903968	1904039	+	3	72	TTG	TAA	0	0	
mORF_+_1904049	1904049	1904147	+	3	99	TTG	TGA	0	0	
mORF_+_1904134	1904134	1904397	+	1	264	TTG	TAA	0	0	
mORF_+_1904172	1904172	1904234	+	3	63	TTG	TGA	0	0	
mORF_+_1904334	1904334	1904462	+	3	129	TTG	TAA	0	0	
mORF_+_1904473	1904473	1904595	+	1	123	TTG	TAA	0	0	
mORF_+_1904487	1904487	1904561	+	3	75	GTG	TAA	0	0	
mORF_+_1904507	1904507	1904512	+	2	6	TTG	TAA	0	0	
mORF_+_1904552	1904552	1904620	+	2	69	GTG	TAA	0	0	
mORF_+_1904589	1904589	1904690	+	3	102	GTG	TGA	0	0	
mORF_+_1904630	1904630	1904701	+	2	72	ATG	TAG	0	0	
mORF_+_1904665	1904665	1904901	+	1	237	GTG	TAA	0	0	

mORF_+_1904750	1904750	1904791	+	2	42	GTG	TAA	0	0	
mORF_+_1904778	1904778	1904981	+	3	204	ATG	TGA	0	0	
mORF_+_1904825	1904825	1904884	+	2	60	GTG	TGA	0	0	
mORF_+_1904917	1904917	1905501	+	1	585	TTG	TAA	0	0	
mORF_+_1904978	1904978	1905010	+	2	33	TTG	TGA	0	0	
mORF_+_1905066	1905066	1905086	+	3	21	GTG	TGA	0	0	
mORF_+_1905083	1905083	1905106	+	2	24	ATG	TAA	0	0	
mORF_+_1905116	1905116	1905121	+	2	6	GTG	TAA	0	0	
mORF_+_1905240	1905240	1905257	+	3	18	GTG	TAG	0	0	
mORF_+_1905335	1905335	1905442	+	2	108	TTG	TGA	0	0	
mORF_+_1905453	1905453	1905506	+	3	54	TTG	TAG	0	0	
mORF_+_1905528	1905528	1905602	+	3	75	ATG	TGA	0	0	
mORF_+_1905577	1905577	1905783	+	1	207	GTG	TAA	0	0	
mORF_+_1905605	1905605	1905688	+	2	84	ATG	TAA	0	0	
mORF_+_1905746	1905746	1905826	+	2	81	ATG	TAA	0	0	
mORF_+_1905774	1905774	1905809	+	3	36	TTG	TAA	0	0	
mORF_+_1905846	1905846	1905917	+	3	72	TTG	TAA	0	0	
mORF_+_1905859	1905859	1905879	+	1	21	GTG	TAG	0	0	
mORF_+_1905883	1905883	1905942	+	1	60	GTG	TAA	0	0	
mORF_+_1905905	1905905	1905913	+	2	9	ATG	TGA	0	0	
mORF_+_1905998	1905998	1906003	+	2	6	TTG	TAA	0	0	
mORF_+_1906021	1906021	1906116	+	1	96	TTG	TAA	0	0	
mORF_+_1906028	1906028	1906063	+	2	36	ATG	TAA	0	0	
mORF_+_1906094	1906094	1906099	+	2	6	ATG	TAA	0	0	
mORF_+_1906116	1906116	1906124	+	3	9	ATG	TAA	0	0	
mORF_+_1906163	1906163	1906177	+	2	15	ATG	TGA	0	0	
mORF_+_1906174	1906174	1906395	+	1	222	TTG	TAA	0	0	
mORF_+_1906214	1906214	1906243	+	2	30	ATG	TGA	0	0	
mORF_+_1906274	1906274	1906336	+	2	63	TTG	TGA	0	0	
mORF_+_1906374	1906374	1906457	+	3	84	TTG	TAG	0	0	
mORF_+_1906405	1906405	1906464	+	1	60	TTG	TGA	0	0	
mORF_+_1906461	1906461	1906478	+	3	18	GTG	TGA	0	0	
mORF_+_1906475	1906475	1906630	+	2	156	TTG	TAG	0	0	
mORF_+_1906630	1906630	1906644	+	1	15	GTG	TGA	0	0	
mORF_+_1906641	1906641	1906829	+	3	189	ATG	TAG	0	0	
mORF_+_1906669	1906669	1906704	+	1	36	ATG	TGA	0	0	
mORF_+_1906714	1906714	1906824	+	1	111	ATG	TAA	0	0	
mORF_+_1906831	1906831	1906839	+	1	9	ATG	TAG	0	0	
mORF_+_1906857	1906857	1906931	+	3	75	ATG	TAA	0	0	
mORF_+_1906882	1906882	1907118	+	1	237	ATG	TAA	0	0	
mORF_+_1906944	1906944	1906949	+	3	6	TTG	TAA	0	0	
mORF_+_1906949	1906949	1907188	+	2	240	ATG	TAA	2	4	pORF_+_1906949
mORF_+_1907016	1907016	1907027	+	3	12	ATG	TGA	0	0	
mORF_+_1907028	1907028	1907057	+	3	30	TTG	TAG	0	0	
mORF_+_1907121	1907121	1907138	+	3	18	GTG	TAA	0	0	
mORF_+_1907143	1907143	1907181	+	1	39	TTG	TAA	0	0	
mORF_+_1907181	1907181	1907201	+	3	21	ATG	TAA	0	0	
mORF_+_1907280	1907280	1907465	+	3	186	ATG	TGA	0	0	
mORF_+_1907347	1907347	1907412	+	1	66	GTG	TAA	0	0	
mORF_+_1907372	1907372	1907761	+	2	390	TTG	TGA	0	0	
mORF_+_1907638	1907638	1907724	+	1	87	TTG	TGA	0	0	
mORF_+_1907664	1907664	1907747	+	3	84	ATG	TAG	0	0	
mORF_+_1907758	1907758	1907859	+	1	102	GTG	TAA	0	0	
mORF_+_1907762	1907762	1907767	+	2	6	ATG	TAA	0	0	
mORF_+_1907787	1907787	1907804	+	3	18	GTG	TAG	0	0	
mORF_+_1907810	1907810	1907947	+	2	138	TTG	TAA	0	0	
mORF_+_1907869	1907869	1907874	+	1	6	TTG	TAA	0	0	
mORF_+_1907960	1907960	1907980	+	2	21	ATG	TAA	0	0	
mORF_+_1907984	1907984	1908151	+	2	168	GTG	TAA	0	0	
mORF_+_1907991	1907991	1908002	+	3	12	TTG	TGA	0	0	
mORF_+_1908135	1908135	1908176	+	3	42	TTG	TAA	0	0	
mORF_+_1908189	1908189	1909673	+	3	1485	GTG	TAA	0	0	
mORF_+_1908250	1908250	1908273	+	1	24	GTG	TGA	0	0	

mORF_+_1908346	1908346	1908357	+	1	12	GTG	TAA	0	0
mORF_+_1908361	1908361	1908366	+	1	6	TTG	TGA	0	0
mORF_+_1908367	1908367	1908468	+	1	102	TTG	TAG	0	0
mORF_+_1908490	1908490	1908663	+	1	174	TTG	TGA	0	0
mORF_+_1908554	1908554	1908604	+	2	51	ATG	TGA	0	0
mORF_+_1908742	1908742	1908822	+	1	81	TTG	TAA	0	0
mORF_+_1908809	1908809	1908898	+	2	90	ATG	TAA	0	0
mORF_+_1908880	1908880	1908927	+	1	48	ATG	TGA	0	0
mORF_+_1908967	1908967	1908993	+	1	27	GTG	TGA	0	0
mORF_+_1909000	1909000	1909020	+	1	21	TTG	TAA	0	0
mORF_+_1909024	1909024	1909230	+	1	207	TTG	TGA	0	0
mORF_+_1909121	1909121	1909204	+	2	84	TTG	TAG	0	0
mORF_+_1909235	1909235	1909285	+	2	51	GTG	TGA	0	0
mORF_+_1909282	1909282	1909317	+	1	36	TTG	TAG	0	0
mORF_+_1909406	1909406	1909444	+	2	39	ATG	TAA	0	0
mORF_+_1909408	1909408	1909503	+	1	96	GTG	TAG	0	0
mORF_+_1909567	1909567	1909596	+	1	30	TTG	TGA	0	0
mORF_+_1909621	1909621	1909857	+	1	237	TTG	TAG	0	0
mORF_+_1909773	1909773	1910426	+	3	654	GTG	TAA	0	0
mORF_+_1909838	1909838	1909963	+	2	126	TTG	TGA	0	0
mORF_+_1909957	1909957	1910019	+	1	63	ATG	TAG	0	0
mORF_+_1910003	1910003	1910071	+	2	69	TTG	TAA	0	0
mORF_+_1910029	1910029	1910136	+	1	108	TTG	TGA	0	0
mORF_+_1910146	1910146	1910187	+	1	42	ATG	TGA	0	0
mORF_+_1910218	1910218	1910307	+	1	90	ATG	TAG	0	0
mORF_+_1910276	1910276	1910290	+	2	15	TTG	TGA	0	0
mORF_+_1910351	1910351	1910365	+	2	15	TTG	TGA	0	0
mORF_+_1910362	1910362	1910505	+	1	144	TTG	TGA	0	0
mORF_+_1910426	1910426	1910491	+	2	66	ATG	TGA	0	0
mORF_+_1910636	1910636	1910686	+	2	51	ATG	TAG	0	0
mORF_+_1910686	1910686	1910733	+	1	48	GTG	TGA	0	0
mORF_+_1910721	1910721	1910726	+	3	6	TTG	TAG	0	0
mORF_+_1910745	1910745	1910789	+	3	45	TTG	TGA	0	0
mORF_+_1910776	1910776	1910799	+	1	24	TTG	TGA	0	0
mORF_+_1910786	1910786	1910908	+	2	123	TTG	TAG	0	0
mORF_+_1910796	1910796	1910879	+	3	84	TTG	TAA	0	0
mORF_+_1910851	1910851	1910949	+	1	99	GTG	TAA	0	0
mORF_+_1911033	1911033	1911170	+	3	138	TTG	TAA	0	0
mORF_+_1911116	1911116	1911151	+	2	36	ATG	TAA	0	0
mORF_+_1911183	1911183	1911308	+	3	126	ATG	TAG	0	0
mORF_+_1911281	1911281	1911361	+	2	81	TTG	TAA	0	0
mORF_+_1911321	1911321	1911368	+	3	48	GTG	TGA	0	0
mORF_+_1911385	1911385	1911495	+	1	111	ATG	TGA	0	0
mORF_+_1911395	1911395	1911481	+	2	87	TTG	TGA	0	0
mORF_+_1911405	1911405	1911452	+	3	48	GTG	TAA	0	0
mORF_+_1911567	1911567	1911590	+	3	24	TTG	TGA	0	0
mORF_+_1911594	1911594	1911746	+	3	153	ATG	TAG	0	0
mORF_+_1911713	1911713	1911883	+	2	171	TTG	TAA	0	0
mORF_+_1911861	1911861	1911983	+	3	123	TTG	TGA	0	0
mORF_+_1911980	1911980	1912318	+	2	339	TTG	TAA	0	0
mORF_+_1911999	1911999	1912070	+	3	72	TTG	TAG	0	0
mORF_+_1912125	1912125	1912160	+	3	36	GTG	TAG	0	0
mORF_+_1912161	1912161	1912259	+	3	99	TTG	TAG	0	0
mORF_+_1912198	1912198	1912332	+	1	135	TTG	TGA	0	0
mORF_+_1912329	1912329	1912406	+	3	78	TTG	TAA	0	0
mORF_+_1912407	1912407	1912463	+	3	57	GTG	TAA	0	0
mORF_+_1912481	1912481	1912525	+	2	45	TTG	TGA	0	0
mORF_+_1912491	1912491	1912496	+	3	6	TTG	TAG	0	0
mORF_+_1912518	1912518	1912604	+	3	87	TTG	TAA	0	0
mORF_+_1912579	1912579	1912686	+	1	108	TTG	TGA	0	0
mORF_+_1912595	1912595	1912738	+	2	144	GTG	TAA	0	0
mORF_+_1912635	1912635	1912652	+	3	18	TTG	TGA	0	0
mORF_+_1912683	1912683	1912751	+	3	69	GTG	TGA	0	0

mORF_+_1912748	1912748	1912813	+	2	66	TTG	TAA	0	0	
mORF_+_1912761	1912761	1912943	+	3	183	GTG	TAA	0	0	
mORF_+_1912795	1912795	1912821	+	1	27	TTG	TAA	0	0	
mORF_+_1912930	1912930	1912968	+	1	39	TTG	TGA	0	0	
mORF_+_1912965	1912965	1913009	+	3	45	TTG	TGA	0	0	
mORF_+_1913011	1913011	1913229	+	1	219	ATG	TGA	0	0	
mORF_+_1913028	1913028	1913378	+	3	351	GTG	TAA	0	0	
mORF_+_1913045	1913045	1913128	+	2	84	GTG	TAG	0	0	
mORF_+_1913135	1913135	1913338	+	2	204	GTG	TAA	0	0	
mORF_+_1913257	1913257	1913346	+	1	90	TTG	TAA	0	0	
mORF_+_1913365	1913365	1913370	+	1	6	GTG	TAG	0	0	
mORF_+_1913391	1913391	1913570	+	3	180	TTG	TGA	0	0	
mORF_+_1913398	1913398	1913442	+	1	45	TTG	TGA	0	0	
mORF_+_1913557	1913557	1913604	+	1	48	ATG	TGA	0	0	
mORF_+_1913601	1913601	1913654	+	3	54	ATG	TGA	0	0	
mORF_+_1913620	1913620	1913688	+	1	69	ATG	TAA	0	0	
mORF_+_1913636	1913636	1913758	+	2	123	ATG	TAA	0	0	
mORF_+_1913739	1913739	1914050	+	3	312	TTG	TAA	0	0	
mORF_+_1913782	1913782	1913805	+	1	24	ATG	TGA	0	0	
mORF_+_1913905	1913905	1913973	+	1	69	TTG	TGA	0	0	
mORF_+_1913975	1913975	1914037	+	2	63	ATG	TGA	0	0	
mORF_+_1914028	1914028	1914135	+	1	108	ATG	TAA	0	0	
mORF_+_1914074	1914074	1914112	+	2	39	TTG	TAA	0	0	
mORF_+_1914145	1914145	1914159	+	1	15	TTG	TAA	0	0	
mORF_+_1914164	1914164	1914202	+	2	39	TTG	TAA	0	0	
mORF_+_1914168	1914168	1914197	+	3	30	TTG	TAA	0	0	
mORF_+_1914210	1914210	1914218	+	3	9	ATG	TAA	0	0	
mORF_+_1914218	1914218	1914247	+	2	30	ATG	TAA	0	0	
mORF_+_1914253	1914253	1914324	+	1	72	ATG	TAA	0	0	
mORF_+_1914272	1914272	1914292	+	2	21	TTG	TAA	0	0	
mORF_+_1914282	1914282	1915565	+	3	1284	ATG	TGA	1	2	pORF_+_1914282
mORF_+_1914355	1914355	1914411	+	1	57	GTG	TAA	0	0	
mORF_+_1914371	1914371	1914385	+	2	15	TTG	TGA	0	0	
mORF_+_1914424	1914424	1914480	+	1	57	GTG	TAA	0	0	
mORF_+_1914431	1914431	1914460	+	2	30	TTG	TGA	0	0	
mORF_+_1914526	1914526	1914564	+	1	39	TTG	TAG	0	0	
mORF_+_1914574	1914574	1914609	+	1	36	TTG	TGA	0	0	
mORF_+_1914622	1914622	1914630	+	1	9	ATG	TAA	0	0	
mORF_+_1914658	1914658	1914681	+	1	24	TTG	TGA	0	0	
mORF_+_1914698	1914698	1914709	+	2	12	ATG	TAA	0	0	
mORF_+_1914703	1914703	1914723	+	1	21	TTG	TGA	0	0	
mORF_+_1914748	1914748	1914771	+	1	24	TTG	TAA	0	0	
mORF_+_1914764	1914764	1914907	+	2	144	GTG	TAA	0	0	
mORF_+_1914796	1914796	1914813	+	1	18	TTG	TAA	0	0	
mORF_+_1914826	1914826	1914876	+	1	51	ATG	TGA	0	0	
mORF_+_1914907	1914907	1915095	+	1	189	ATG	TAG	0	0	
mORF_+_1914920	1914920	1914958	+	2	39	GTG	TAG	0	0	
mORF_+_1914986	1914986	1915066	+	2	81	GTG	TAG	0	0	
mORF_+_1915076	1915076	1915207	+	2	132	ATG	TAG	0	0	
mORF_+_1915213	1915213	1915269	+	1	57	TTG	TGA	0	0	
mORF_+_1915307	1915307	1915417	+	2	111	ATG	TAA	0	0	
mORF_+_1915360	1915360	1915401	+	1	42	TTG	TAA	0	0	
mORF_+_1915492	1915492	1918167	+	1	2676	TTG	TAA	12	28	pORF_+_1915492
mORF_+_1915502	1915502	1915537	+	2	36	ATG	TGA	0	0	
mORF_+_1915631	1915631	1915645	+	2	15	TTG	TGA	0	0	
mORF_+_1915638	1915638	1915673	+	3	36	TTG	TAA	0	0	
mORF_+_1915703	1915703	1915828	+	2	126	ATG	TGA	0	0	
mORF_+_1915832	1915832	1915867	+	2	36	ATG	TGA	0	0	
mORF_+_1915889	1915889	1915936	+	2	48	GTG	TGA	0	0	
mORF_+_1915967	1915967	1916017	+	2	51	TTG	TGA	0	0	
mORF_+_1916108	1916108	1916140	+	2	33	ATG	TGA	0	0	
mORF_+_1916141	1916141	1916152	+	2	12	TTG	TGA	0	0	
mORF_+_1916213	1916213	1916248	+	2	36	TTG	TGA	0	0	

mORF+_1916279	1916279	1916377	+	2	99	GTG	TAA	0	0	
mORF+_1916399	1916399	1916413	+	2	15	GTG	TAA	0	0	
mORF+_1916486	1916486	1916509	+	2	24	GTG	TGA	0	0	
mORF+_1916513	1916513	1916611	+	2	99	TTG	TGA	0	0	
mORF+_1916642	1916642	1916713	+	2	72	ATG	TGA	0	0	
mORF+_1916747	1916747	1916788	+	2	42	TTG	TAG	0	0	
mORF+_1916885	1916885	1916911	+	2	27	TTG	TGA	0	0	
mORF+_1916924	1916924	1917007	+	2	84	ATG	TGA	0	0	
mORF+_1916958	1916958	1916996	+	3	39	ATG	TAA	0	0	
mORF+_1917026	1917026	1917085	+	2	60	ATG	TGA	0	0	
mORF+_1917092	1917092	1917130	+	2	39	GTG	TAG	0	0	
mORF+_1917146	1917146	1917163	+	2	18	TTG	TGA	0	0	
mORF+_1917191	1917191	1917235	+	2	45	TTG	TGA	0	0	
mORF+_1917284	1917284	1917298	+	2	15	ATG	TGA	0	0	
mORF+_1917362	1917362	1917538	+	2	177	GTG	TGA	0	0	
mORF+_1917551	1917551	1917778	+	2	228	ATG	TAA	0	0	
mORF+_1917785	1917785	1917814	+	2	30	TTG	TAG	0	0	
mORF+_1917839	1917839	1917871	+	2	33	GTG	TGA	0	0	
mORF+_1917902	1917902	1917994	+	2	93	TTG	TGA	0	0	
mORF+_1918037	1918037	1918210	+	2	174	GTG	TAA	0	0	
mORF+_1918134	1918134	1918142	+	3	9	GTG	TGA	0	0	
mORF+_1918143	1918143	1918286	+	3	144	ATG	TGA	0	0	
mORF+_1918204	1918204	1918326	+	1	123	ATG	TGA	0	0	
mORF+_1918241	1918241	1919686	+	2	1446	ATG	TGA	5	11	pORF+_1918241
mORF+_1918323	1918323	1918385	+	3	63	TTG	TGA	0	0	
mORF+_1918395	1918395	1918415	+	3	21	TTG	TAA	0	0	
mORF+_1918425	1918425	1918526	+	3	102	ATG	TAA	0	0	
mORF+_1918450	1918450	1918458	+	1	9	GTG	TGA	0	0	
mORF+_1918527	1918527	1918610	+	3	84	GTG	TGA	0	0	
mORF+_1918614	1918614	1918664	+	3	51	ATG	TGA	0	0	
mORF+_1918683	1918683	1918712	+	3	30	TTG	TAA	0	0	
mORF+_1918722	1918722	1918877	+	3	156	ATG	TAA	0	0	
mORF+_1918947	1918947	1918994	+	3	48	ATG	TAA	0	0	
mORF+_1919017	1919017	1919175	+	1	159	TTG	TAA	0	0	
mORF+_1919067	1919067	1919102	+	3	36	TTG	TGA	0	0	
mORF+_1919121	1919121	1919243	+	3	123	ATG	TGA	0	0	
mORF+_1919283	1919283	1919294	+	3	12	GTG	TAA	0	0	
mORF+_1919301	1919301	1919369	+	3	69	ATG	TGA	0	0	
mORF+_1919338	1919338	1919361	+	1	24	GTG	TGA	0	0	
mORF+_1919406	1919406	1919480	+	3	75	TTG	TGA	0	0	
mORF+_1919481	1919481	1919495	+	3	15	ATG	TGA	0	0	
mORF+_1919515	1919515	1919565	+	1	51	GTG	TGA	0	0	
mORF+_1919532	1919532	1919603	+	3	72	ATG	TAG	0	0	
mORF+_1919613	1919613	1919627	+	3	15	TTG	TGA	0	0	
mORF+_1919643	1919643	1919714	+	3	72	GTG	TGA	0	0	
mORF+_1919711	1919711	1919740	+	2	30	TTG	TAG	0	0	
mORF+_1919749	1919749	1919835	+	1	87	ATG	TGA	0	0	
mORF+_1919789	1919789	1920040	+	2	252	ATG	TGA	4	19	pORF+_1919789
mORF+_1919814	1919814	1919825	+	3	12	GTG	TAG	0	0	
mORF+_1919832	1919832	1919885	+	3	54	TTG	TAA	0	0	
mORF+_1919893	1919893	1919898	+	1	6	TTG	TAA	0	0	
mORF+_1919914	1919914	1919943	+	1	30	ATG	TGA	0	0	
mORF+_1919928	1919928	1919966	+	3	39	ATG	TAA	0	0	
mORF+_1919967	1919967	1920098	+	3	132	ATG	TAA	0	0	
mORF+_1920061	1920061	1920336	+	1	276	ATG	TAA	0	0	
mORF+_1920140	1920140	1920244	+	2	105	ATG	TGA	0	0	
mORF+_1920168	1920168	1920191	+	3	24	TTG	TGA	0	0	
mORF+_1920228	1920228	1920284	+	3	57	GTG	TGA	0	0	
mORF+_1920281	1920281	1920295	+	2	15	TTG	TAG	0	0	
mORF+_1920296	1920296	1920394	+	2	99	ATG	TAA	0	0	
mORF+_1920340	1920340	1920492	+	1	153	TTG	TAA	0	0	
mORF+_1920401	1920401	1920436	+	2	36	TTG	TGA	0	0	
mORF+_1920429	1920429	1920464	+	3	36	GTG	TAA	0	0	

mORF_+_1920517	1920517	1920795	+	1	279	ATG	TAA	0	0	
mORF_+_1920584	1920584	1920628	+	2	45	TTG	TGA	0	0	
mORF_+_1920726	1920726	1920833	+	3	108	ATG	TAA	0	0	
mORF_+_1920758	1920758	1920952	+	2	195	TTG	TGA	0	0	
mORF_+_1920814	1920814	1920846	+	1	33	TTG	TGA	0	0	
mORF_+_1920880	1920880	1920888	+	1	9	ATG	TAA	0	0	
mORF_+_1920916	1920916	1921026	+	1	111	GTG	TAA	0	0	
mORF_+_1921038	1921038	1921067	+	3	30	ATG	TAG	0	0	
mORF_+_1921069	1921069	1921122	+	1	54	GTG	TAA	0	0	
mORF_+_1921071	1921071	1921085	+	3	15	GTG	TGA	0	0	
mORF_+_1921073	1921073	1921129	+	2	57	GTG	TAA	0	0	
mORF_+_1921169	1921169	1921210	+	2	42	ATG	TAA	0	0	
mORF_+_1921176	1921176	1921247	+	3	72	TTG	TGA	0	0	
mORF_+_1921189	1921189	1921197	+	1	9	GTG	TAA	0	0	
mORF_+_1921201	1921201	1921221	+	1	21	TTG	TAG	0	0	
mORF_+_1921222	1921222	1921311	+	1	90	TTG	TGA	0	0	
mORF_+_1921244	1921244	1921288	+	2	45	ATG	TAA	0	0	
mORF_+_1921278	1921278	1921319	+	3	42	ATG	TAA	0	0	
mORF_+_1921313	1921313	1921384	+	2	72	ATG	TAG	0	0	
mORF_+_1921335	1921335	1921388	+	3	54	GTG	TAA	0	0	
mORF_+_1921421	1921421	1921453	+	2	33	GTG	TAG	0	0	
mORF_+_1921447	1921447	1921467	+	1	21	TTG	TGA	0	0	
mORF_+_1921477	1921477	1921881	+	1	405	ATG	TAA	0	0	
mORF_+_1921482	1921482	1921532	+	3	51	TTG	TAA	0	0	
mORF_+_1921517	1921517	1921561	+	2	45	GTG	TAA	0	0	
mORF_+_1921667	1921667	1921696	+	2	30	GTG	TGA	0	0	
mORF_+_1921835	1921835	1921888	+	2	54	GTG	TAG	0	0	
mORF_+_1921897	1921897	1921953	+	1	57	ATG	TAA	0	0	
mORF_+_1921941	1921941	1922123	+	3	183	TTG	TAA	0	0	
mORF_+_1921963	1921963	1922064	+	1	102	GTG	TGA	0	0	
mORF_+_1921988	1921988	1921996	+	2	9	ATG	TAA	0	0	
mORF_+_1922006	1922006	1922068	+	2	63	TTG	TAG	0	0	
mORF_+_1922089	1922089	1922157	+	1	69	TTG	TGA	0	0	
mORF_+_1922154	1922154	1922333	+	3	180	GTG	TAA	0	0	
mORF_+_1922248	1922248	1922424	+	1	177	GTG	TGA	0	0	
mORF_+_1922267	1922267	1922290	+	2	24	GTG	TAA	0	0	
mORF_+_1922355	1922355	1922480	+	3	126	TTG	TAA	0	0	
mORF_+_1922378	1922378	1922449	+	2	72	TTG	TGA	0	0	
mORF_+_1922440	1922440	1922640	+	1	201	GTG	TAG	0	0	
mORF_+_1922543	1922543	1922575	+	2	33	TTG	TGA	0	0	
mORF_+_1922577	1922577	1922768	+	3	192	ATG	TAA	0	0	
mORF_+_1922689	1922689	1922694	+	1	6	GTG	TAG	0	0	
mORF_+_1922720	1922720	1922776	+	2	57	GTG	TAA	0	0	
mORF_+_1922789	1922789	1922800	+	2	12	TTG	TGA	0	0	
mORF_+_1922797	1922797	1922898	+	1	102	GTG	TGA	0	0	
mORF_+_1922804	1922804	1922815	+	2	12	TTG	TGA	0	0	
mORF_+_1922852	1922852	1923052	+	2	201	TTG	TGA	0	0	
mORF_+_1922874	1922874	1922906	+	3	33	TTG	TAA	0	0	
mORF_+_1922907	1922907	1922987	+	3	81	ATG	TGA	0	0	
mORF_+_1922944	1922944	1922967	+	1	24	GTG	TAG	0	0	
mORF_+_1923009	1923009	1923014	+	3	6	TTG	TAA	0	0	
mORF_+_1923045	1923045	1923362	+	3	318	ATG	TAA	1	0	pORF_+_1923045
mORF_+_1923104	1923104	1923151	+	2	48	TTG	TAA	0	0	
mORF_+_1923181	1923181	1923237	+	1	57	ATG	TGA	0	0	
mORF_+_1923250	1923250	1923393	+	1	144	TTG	TAA	0	0	
mORF_+_1923407	1923407	1923421	+	2	15	ATG	TAA	0	0	
mORF_+_1923436	1923436	1923450	+	1	15	TTG	TGA	0	0	
mORF_+_1923447	1923447	1923530	+	3	84	TTG	TAG	0	0	
mORF_+_1923464	1923464	1924120	+	2	657	ATG	TAG	0	0	
mORF_+_1923546	1923546	1923551	+	3	6	TTG	TGA	0	0	
mORF_+_1923571	1923571	1923615	+	1	45	ATG	TGA	0	0	
mORF_+_1923612	1923612	1923662	+	3	51	GTG	TAG	0	0	
mORF_+_1923670	1923670	1923723	+	1	54	TTG	TGA	0	0	

mORF_+_1923675	1923675	1923698	+	3	24	ATG	TGA	0	0	
mORF_+_1923705	1923705	1923983	+	3	279	TTG	TGA	1	2	pORF_+_1923705
mORF_+_1923766	1923766	1923849	+	1	84	GTG	TGA	0	0	
mORF_+_1923904	1923904	1924002	+	1	99	ATG	TAA	0	0	
mORF_+_1923990	1923990	1924067	+	3	78	ATG	TAG	0	0	
mORF_+_1924012	1924012	1924020	+	1	9	ATG	TGA	0	0	
mORF_+_1924090	1924090	1924806	+	1	717	TTG	TAG	0	0	
mORF_+_1924139	1924139	1924243	+	2	105	ATG	TGA	0	0	
mORF_+_1924329	1924329	1924337	+	3	9	GTG	TGA	0	0	
mORF_+_1924334	1924334	1924345	+	2	12	TTG	TGA	0	0	
mORF_+_1924364	1924364	1924444	+	2	81	GTG	TGA	0	0	
mORF_+_1924368	1924368	1924385	+	3	18	ATG	TAA	0	0	
mORF_+_1924428	1924428	1924499	+	3	72	GTG	TAA	0	0	
mORF_+_1924514	1924514	1924597	+	2	84	ATG	TGA	0	0	
mORF_+_1924670	1924670	1924759	+	2	90	TTG	TGA	0	0	
mORF_+_1924826	1924826	1924888	+	2	63	ATG	TAA	0	0	
mORF_+_1924908	1924908	1924916	+	3	9	ATG	TGA	0	0	
mORF_+_1924921	1924921	1925010	+	1	90	ATG	TGA	0	0	
mORF_+_1924944	1924944	1925039	+	3	96	ATG	TAA	0	0	
mORF_+_1924985	1924985	1925062	+	2	78	TTG	TGA	0	0	
mORF_+_1925040	1925040	1925159	+	3	120	ATG	TGA	0	0	
mORF_+_1925059	1925059	1925082	+	1	24	GTG	TAG	0	0	
mORF_+_1925089	1925089	1925100	+	1	12	ATG	TAA	0	0	
mORF_+_1925143	1925143	1925235	+	1	93	GTG	TGA	0	0	
mORF_+_1925156	1925156	1925209	+	2	54	TTG	TAA	0	0	
mORF_+_1925214	1925214	1925222	+	3	9	GTG	TAA	0	0	
mORF_+_1925232	1925232	1925318	+	3	87	TTG	TAA	0	0	
mORF_+_1925240	1925240	1925350	+	2	111	TTG	TAA	0	0	
mORF_+_1925257	1925257	1925286	+	1	30	ATG	TAA	0	0	
mORF_+_1925391	1925391	1925453	+	3	63	TTG	TAA	0	0	
mORF_+_1925428	1925428	1925436	+	1	9	ATG	TAG	0	0	
mORF_+_1925492	1925492	1925716	+	2	225	TTG	TAG	0	0	
mORF_+_1925530	1925530	1925562	+	1	33	TTG	TAG	0	0	
mORF_+_1925532	1925532	1925663	+	3	132	GTG	TAA	0	0	
mORF_+_1925704	1925704	1925730	+	1	27	GTG	TAA	0	0	
mORF_+_1925764	1925764	1925769	+	1	6	TTG	TAG	0	0	
mORF_+_1925812	1925812	1925865	+	1	54	ATG	TGA	0	0	
mORF_+_1925838	1925838	1925855	+	3	18	TTG	TAA	0	0	
mORF_+_1925914	1925914	1926018	+	1	105	ATG	TAA	0	0	
mORF_+_1925927	1925927	1926151	+	2	225	GTG	TGA	0	0	
mORF_+_1925952	1925952	1925981	+	3	30	TTG	TAA	0	0	
mORF_+_1925997	1925997	1926680	+	3	684	GTG	TAA	0	0	
mORF_+_1926058	1926058	1926147	+	1	90	TTG	TGA	0	0	
mORF_+_1926148	1926148	1926159	+	1	12	ATG	TAG	0	0	
mORF_+_1926233	1926233	1926445	+	2	213	ATG	TAA	0	0	
mORF_+_1926247	1926247	1926255	+	1	9	ATG	TGA	0	0	
mORF_+_1926292	1926292	1926303	+	1	12	TTG	TAG	0	0	
mORF_+_1926400	1926400	1926486	+	1	87	ATG	TAA	0	0	
mORF_+_1926511	1926511	1926564	+	1	54	TTG	TGA	0	0	
mORF_+_1926524	1926524	1926553	+	2	30	ATG	TGA	0	0	
mORF_+_1926554	1926554	1926577	+	2	24	ATG	TAG	0	0	
mORF_+_1926625	1926625	1926633	+	1	9	TTG	TAG	0	0	
mORF_+_1926658	1926658	1926723	+	1	66	ATG	TGA	0	0	
mORF_+_1926699	1926699	1926707	+	3	9	TTG	TGA	0	0	
mORF_+_1926704	1926704	1926952	+	2	249	GTG	TGA	0	0	
mORF_+_1926720	1926720	1926860	+	3	141	ATG	TAG	0	0	
mORF_+_1926805	1926805	1926822	+	1	18	ATG	TGA	0	0	
mORF_+_1926829	1926829	1926948	+	1	120	ATG	TAG	0	0	
mORF_+_1926918	1926918	1926962	+	3	45	ATG	TAA	0	0	
mORF_+_1926949	1926949	1927551	+	1	603	ATG	TAA	0	0	
mORF_+_1926962	1926962	1927033	+	2	72	ATG	TAG	0	0	
mORF_+_1926978	1926978	1927043	+	3	66	ATG	TAG	0	0	
mORF_+_1927085	1927085	1927171	+	2	87	GTG	TAA	0	0	

mORF_+_1927158	1927158	1927184	+	3	27	GTG	TAA	0	0	
mORF_+_1927244	1927244	1927381	+	2	138	TTG	TGA	0	0	
mORF_+_1927269	1927269	1927304	+	3	36	GTG	TGA	0	0	
mORF_+_1927353	1927353	1927394	+	3	42	TTG	TAG	0	0	
mORF_+_1927422	1927422	1927574	+	3	153	GTG	TAA	0	0	
mORF_+_1927499	1927499	1927660	+	2	162	TTG	TGA	0	0	
mORF_+_1927584	1927584	1927649	+	3	66	GTG	TGA	0	0	
mORF_+_1927690	1927690	1927719	+	1	30	TTG	TAA	0	0	
mORF_+_1927734	1927734	1927757	+	3	24	TTG	TAG	0	0	
mORF_+_1927757	1927757	1927771	+	2	15	GTG	TAG	0	0	
mORF_+_1927775	1927775	1927864	+	2	90	ATG	TAA	0	0	
mORF_+_1927791	1927791	1927901	+	3	111	ATG	TAG	0	0	
mORF_+_1927810	1927810	1927821	+	1	12	ATG	TAA	0	0	
mORF_+_1927902	1927902	1928144	+	3	243	GTG	TAG	0	0	
mORF_+_1927913	1927913	1927924	+	2	12	TTG	TGA	0	0	
mORF_+_1927921	1927921	1927938	+	1	18	TTG	TGA	0	0	
mORF_+_1927925	1927925	1928104	+	2	180	GTG	TGA	0	0	
mORF_+_1927945	1927945	1928061	+	1	117	TTG	TAA	0	0	
mORF_+_1928089	1928089	1928112	+	1	24	TTG	TAA	0	0	
mORF_+_1928176	1928176	1928214	+	1	39	ATG	TGA	0	0	
mORF_+_1928226	1928226	1928363	+	3	138	TTG	TGA	0	0	
mORF_+_1928315	1928315	1928326	+	2	12	TTG	TGA	0	0	
mORF_+_1928323	1928323	1928436	+	1	114	GTG	TGA	0	0	
mORF_+_1928363	1928363	1928428	+	2	66	ATG	TAG	0	0	
mORF_+_1928433	1928433	1928495	+	3	63	ATG	TGA	0	0	
mORF_+_1928450	1928450	1928716	+	2	267	ATG	TAA	0	0	
mORF_+_1928476	1928476	1928691	+	1	216	TTG	TAA	0	0	
mORF_+_1928580	1928580	1928597	+	3	18	TTG	TAG	0	0	
mORF_+_1928613	1928613	1928825	+	3	213	TTG	TGA	0	0	
mORF_+_1928707	1928707	1928787	+	1	81	TTG	TAA	0	0	
mORF_+_1928822	1928822	1928845	+	2	24	TTG	TAA	0	0	
mORF_+_1928905	1928905	1930083	+	1	1179	ATG	TAA	65	1056	pORF_+_1928905
mORF_+_1928966	1928966	1929013	+	2	48	GTG	TAG	0	0	
mORF_+_1928994	1928994	1929083	+	3	90	GTG	TAA	0	0	
mORF_+_1929020	1929020	1929178	+	2	159	TTG	TGA	0	0	
mORF_+_1929185	1929185	1929202	+	2	18	TTG	TGA	0	0	
mORF_+_1929203	1929203	1929235	+	2	33	ATG	TAA	0	0	
mORF_+_1929305	1929305	1929367	+	2	63	TTG	TAA	0	0	
mORF_+_1929425	1929425	1929481	+	2	57	TTG	TAA	0	0	
mORF_+_1929435	1929435	1929488	+	3	54	ATG	TGA	0	0	
mORF_+_1929482	1929482	1929526	+	2	45	TTG	TAA	0	0	
mORF_+_1929542	1929542	1929568	+	2	27	ATG	TAG	0	0	
mORF_+_1929584	1929584	1929622	+	2	39	ATG	TGA	0	0	
mORF_+_1929629	1929629	1929730	+	2	102	TTG	TGA	0	0	
mORF_+_1929737	1929737	1929775	+	2	39	GTG	TGA	0	0	
mORF_+_1929803	1929803	1929895	+	2	93	TTG	TGA	0	0	
mORF_+_1929905	1929905	1929937	+	2	33	ATG	TAG	0	0	
mORF_+_1929962	1929962	1930069	+	2	108	TTG	TAA	0	0	
mORF_+_1930108	1930108	1930149	+	1	42	ATG	TAG	0	0	
mORF_+_1930182	1930182	1930193	+	3	12	ATG	TAA	0	0	
mORF_+_1930239	1930239	1930268	+	3	30	ATG	TAG	0	0	
mORF_+_1930383	1930383	1930403	+	3	21	TTG	TAG	0	0	
mORF_+_1930431	1930431	1930820	+	3	390	GTG	TAA	0	0	
mORF_+_1930507	1930507	1930533	+	1	27	TTG	TGA	0	0	
mORF_+_1930549	1930549	1930605	+	1	57	GTG	TAG	0	0	
mORF_+_1930681	1930681	1930722	+	1	42	TTG	TAA	0	0	
mORF_+_1930697	1930697	1930753	+	2	57	GTG	TGA	0	0	
mORF_+_1930750	1930750	1930800	+	1	51	TTG	TGA	0	0	
mORF_+_1930824	1930824	1931042	+	3	219	GTG	TAG	0	0	
mORF_+_1930834	1930834	1930878	+	1	45	TTG	TGA	0	0	
mORF_+_1930903	1930903	1931001	+	1	99	GTG	TGA	0	0	
mORF_+_1930925	1930925	1931068	+	2	144	GTG	TGA	0	0	
mORF_+_1931020	1931020	1931064	+	1	45	TTG	TAG	0	0	

mORF+_1931121	1931121	1931201	+	3	81	TTG	TGA	0	0	
mORF+_1931149	1931149	1931160	+	1	12	GTG	TGA	0	0	
mORF+_1931165	1931165	1931170	+	2	6	ATG	TAA	0	0	
mORF+_1931191	1931191	1931259	+	1	69	TTG	TAA	0	0	
mORF+_1931201	1931201	1931362	+	2	162	ATG	TAA	0	0	
mORF+_1931368	1931368	1931520	+	1	153	TTG	TGA	0	0	
mORF+_1931378	1931378	1931428	+	2	51	ATG	TGA	0	0	
mORF+_1931415	1931415	1931489	+	3	75	TTG	TAA	0	0	
mORF+_1931517	1931517	1931621	+	3	105	TTG	TAG	0	0	
mORF+_1931528	1931528	1932001	+	2	474	ATG	TGA	0	0	
mORF+_1931626	1931626	1931676	+	1	51	GTG	TAA	0	0	
mORF+_1931715	1931715	1931840	+	3	126	ATG	TGA	0	0	
mORF+_1931749	1931749	1931835	+	1	87	GTG	TAA	0	0	
mORF+_1931940	1931940	1931960	+	3	21	TTG	TAG	0	0	
mORF+_1931968	1931968	1932285	+	1	318	ATG	TGA	0	0	
mORF+_1932015	1932015	1932041	+	3	27	ATG	TAA	0	0	
mORF+_1932119	1932119	1932250	+	2	132	ATG	TAG	0	0	
mORF+_1932162	1932162	1932323	+	3	162	TTG	TGA	0	0	
mORF+_1932341	1932341	1932613	+	2	273	ATG	TAA	0	0	
mORF+_1932357	1932357	1932371	+	3	15	ATG	TAG	0	0	
mORF+_1932399	1932399	1932410	+	3	12	ATG	TAG	0	0	
mORF+_1932414	1932414	1932524	+	3	111	GTG	TGA	0	0	
mORF+_1932490	1932490	1932594	+	1	105	GTG	TGA	0	0	
mORF+_1932591	1932591	1932749	+	3	159	ATG	TAA	0	0	
mORF+_1932601	1932601	1932630	+	1	30	TTG	TAA	0	0	
mORF+_1932617	1932617	1932640	+	2	24	TTG	TGA	0	0	
mORF+_1932643	1932643	1932696	+	1	54	TTG	TGA	0	0	
mORF+_1932763	1932763	1932795	+	1	33	GTG	TAA	0	0	
mORF+_1932767	1932767	1932787	+	2	21	GTG	TGA	0	0	
mORF+_1932799	1932799	1932840	+	1	42	TTG	TAA	0	0	
mORF+_1932960	1932960	1933043	+	3	84	TTG	TGA	0	0	
mORF+_1933036	1933036	1933104	+	1	69	GTG	TAA	0	0	
mORF+_1933053	1933053	1933079	+	3	27	ATG	TAG	0	0	
mORF+_1933091	1933091	1933114	+	2	24	ATG	TGA	0	0	
mORF+_1933131	1933131	1933289	+	3	159	TTG	TAG	0	0	
mORF+_1933139	1933139	1934107	+	2	969	TTG	TAA	0	0	
mORF+_1933276	1933276	1933284	+	1	9	GTG	TGA	0	0	
mORF+_1933308	1933308	1933340	+	3	33	TTG	TAG	0	0	
mORF+_1933342	1933342	1933707	+	1	366	ATG	TAA	0	0	
mORF+_1933371	1933371	1933649	+	3	279	ATG	TGA	0	0	
mORF+_1933722	1933722	1933808	+	3	87	ATG	TAG	0	0	
mORF+_1933860	1933860	1933994	+	3	135	TTG	TAG	0	0	
mORF+_1933915	1933915	1933926	+	1	12	GTG	TAG	0	0	
mORF+_1933936	1933936	1933998	+	1	63	TTG	TAA	0	0	
mORF+_1933998	1933998	1934018	+	3	21	ATG	TGA	0	0	
mORF+_1934044	1934044	1934061	+	1	18	ATG	TGA	0	0	
mORF+_1934052	1934052	1934228	+	3	177	GTG	TGA	0	0	
mORF+_1934086	1934086	1934133	+	1	48	GTG	TGA	0	0	
mORF+_1934167	1934167	1934205	+	1	39	ATG	TAA	0	0	
mORF+_1934243	1934243	1934440	+	2	198	TTG	TAA	0	0	
mORF+_1934298	1934298	1934357	+	3	60	ATG	TAA	0	0	
mORF+_1934386	1934386	1934391	+	1	6	TTG	TAA	0	0	
mORF+_1934455	1934455	1934532	+	1	78	GTG	TGA	0	0	
mORF+_1934481	1934481	1934495	+	3	15	GTG	TGA	0	0	
mORF+_1934517	1934517	1934549	+	3	33	TTG	TGA	0	0	
mORF+_1934546	1934546	1934587	+	2	42	ATG	TAA	0	0	
mORF+_1934578	1934578	1934679	+	1	102	TTG	TGA	0	0	
mORF+_1934676	1934676	1935545	+	3	870	ATG	TAA	8	22	pORF+_1934676
mORF+_1934737	1934737	1934829	+	1	93	TTG	TGA	0	0	
mORF+_1934902	1934902	1935084	+	1	183	ATG	TAG	0	0	
mORF+_1935100	1935100	1935117	+	1	18	TTG	TGA	0	0	
mORF+_1935136	1935136	1935180	+	1	45	ATG	TGA	0	0	
mORF+_1935182	1935182	1935196	+	2	15	TTG	TAG	0	0	

mORF+_1935292	1935292	1935408	+	1	117	TTG	TGA	0	0	
mORF+_1935418	1935418	1935474	+	1	57	ATG	TGA	0	0	
mORF+_1935508	1935508	1935531	+	1	24	TTG	TAA	0	0	
mORF+_1935532	1935532	1937115	+	1	1584	GTG	TAA	98	1802	pORF+_1935532
mORF+_1935584	1935584	1935715	+	2	132	ATG	TAG	0	0	
mORF+_1935630	1935630	1935737	+	3	108	ATG	TAA	0	0	
mORF+_1935743	1935743	1935784	+	2	42	TTG	TGA	0	0	
mORF+_1935836	1935836	1936081	+	2	246	GTG	TAA	1	2	pORF+_1935836
mORF+_1936130	1936130	1936195	+	2	66	GTG	TGA	0	0	
mORF+_1936235	1936235	1936243	+	2	9	TTG	TAG	0	0	
mORF+_1936271	1936271	1936285	+	2	15	GTG	TGA	0	0	
mORF+_1936289	1936289	1936411	+	2	123	ATG	TAA	0	0	
mORF+_1936317	1936317	1936322	+	3	6	ATG	TGA	0	0	
mORF+_1936362	1936362	1936385	+	3	24	TTG	TGA	0	0	
mORF+_1936415	1936415	1936480	+	2	66	TTG	TGA	0	0	
mORF+_1936487	1936487	1936501	+	2	15	GTG	TAA	0	0	
mORF+_1936565	1936565	1936585	+	2	21	GTG	TAG	0	0	
mORF+_1936601	1936601	1936618	+	2	18	ATG	TGA	0	0	
mORF+_1936664	1936664	1936801	+	2	138	TTG	TGA	0	0	
mORF+_1936683	1936683	1936724	+	3	42	TTG	TAA	0	0	
mORF+_1936901	1936901	1936915	+	2	15	ATG	TGA	0	0	
mORF+_1936934	1936934	1936978	+	2	45	GTG	TAG	0	0	
mORF+_1937033	1937033	1937044	+	2	12	GTG	TGA	0	0	
mORF+_1937045	1937045	1937065	+	2	21	TTG	TGA	0	0	
mORF+_1937121	1937121	1937204	+	3	84	TTG	TGA	0	0	
mORF+_1937128	1937128	1937166	+	1	39	ATG	TGA	0	0	
mORF+_1937201	1937201	1937320	+	2	120	TTG	TAG	0	0	
mORF+_1937250	1937250	1937261	+	3	12	TTG	TAA	0	0	
mORF+_1937268	1937268	1937396	+	3	129	TTG	TGA	0	0	
mORF+_1937333	1937333	1937410	+	2	78	TTG	TAA	0	0	
mORF+_1937425	1937425	1937637	+	1	213	GTG	TGA	0	0	
mORF+_1937450	1937450	1937599	+	2	150	ATG	TAA	0	0	
mORF+_1937457	1937457	1937468	+	3	12	TTG	TAA	0	0	
mORF+_1937544	1937544	1937585	+	3	42	GTG	TGA	0	0	
mORF+_1937634	1937634	1937708	+	3	75	ATG	TAA	0	0	
mORF+_1937638	1937638	1937646	+	1	9	ATG	TAA	0	0	
mORF+_1937663	1937663	1938019	+	2	357	ATG	TAA	0	0	
mORF+_1937721	1937721	1937729	+	3	9	TTG	TGA	0	0	
mORF+_1937775	1937775	1937885	+	3	111	ATG	TGA	0	0	
mORF+_1937905	1937905	1938015	+	1	111	TTG	TGA	0	0	
mORF+_1937943	1937943	1938152	+	3	210	GTG	TAG	0	0	
mORF+_1938031	1938031	1938237	+	1	207	GTG	TAA	0	0	
mORF+_1938158	1938158	1938265	+	2	108	GTG	TAG	0	0	
mORF+_1938186	1938186	1938257	+	3	72	ATG	TGA	0	0	
mORF+_1938275	1938275	1938292	+	2	18	TTG	TAA	0	0	
mORF+_1938326	1938326	1938340	+	2	15	ATG	TAA	0	0	
mORF+_1938330	1938330	1938614	+	3	285	ATG	TAG	0	0	
mORF+_1938368	1938368	1938475	+	2	108	TTG	TAG	0	0	
mORF+_1938475	1938475	1938495	+	1	21	GTG	TGA	0	0	
mORF+_1938566	1938566	1938583	+	2	18	TTG	TAA	0	0	
mORF+_1938574	1938574	1938675	+	1	102	GTG	TGA	0	0	
mORF+_1938587	1938587	1938595	+	2	9	GTG	TAG	0	0	
mORF+_1938644	1938644	1938844	+	2	201	TTG	TAG	0	0	
mORF+_1938718	1938718	1938891	+	1	174	GTG	TGA	0	0	
mORF+_1938720	1938720	1938749	+	3	30	GTG	TAG	0	0	
mORF+_1938848	1938848	1938874	+	2	27	TTG	TAA	0	0	
mORF+_1938919	1938919	1938957	+	1	39	TTG	TAA	0	0	
mORF+_1938986	1938986	1939171	+	2	186	TTG	TAG	0	0	
mORF+_1939000	1939000	1939047	+	1	48	TTG	TAA	0	0	
mORF+_1939120	1939120	1939233	+	1	114	TTG	TAA	0	0	
mORF+_1939202	1939202	1939252	+	2	51	GTG	TGA	0	0	
mORF+_1939233	1939233	1939301	+	3	69	ATG	TGA	0	0	
mORF+_1939246	1939246	1939344	+	1	99	TTG	TAG	0	0	

mORF_+_1939277	1939277	1939327	+	2	51	TTG	TGA	0	0	
mORF_+_1939328	1939328	1939447	+	2	120	TTG	TGA	0	0	
mORF_+_1939372	1939372	1939473	+	1	102	ATG	TAA	0	0	
mORF_+_1939437	1939437	1939514	+	3	78	GTG	TGA	0	0	
mORF_+_1939505	1939505	1939537	+	2	33	ATG	TGA	0	0	
mORF_+_1939518	1939518	1939574	+	3	57	TTG	TAA	0	0	
mORF_+_1939534	1939534	1939617	+	1	84	GTG	TAA	0	0	
mORF_+_1939580	1939580	1939663	+	2	84	GTG	TAA	0	0	
mORF_+_1939605	1939605	1939625	+	3	21	GTG	TAA	0	0	
mORF_+_1939654	1939654	1939713	+	1	60	TTG	TAA	0	0	
mORF_+_1939706	1939706	1939717	+	2	12	TTG	TGA	0	0	
mORF_+_1939714	1939714	1939731	+	1	18	TTG	TGA	0	0	
mORF_+_1939737	1939737	1939754	+	3	18	TTG	TGA	0	0	
mORF_+_1939751	1939751	1939915	+	2	165	TTG	TGA	0	0	
mORF_+_1939794	1939794	1939832	+	3	39	ATG	TGA	0	0	
mORF_+_1939836	1939836	1939928	+	3	93	GTG	TAA	0	0	
mORF_+_1939864	1939864	1939896	+	1	33	TTG	TAA	0	0	
mORF_+_1939912	1939912	1940052	+	1	141	TTG	TGA	0	0	
mORF_+_1939947	1939947	1940015	+	3	69	GTG	TGA	0	0	
mORF_+_1940012	1940012	1940200	+	2	189	TTG	TGA	0	0	
mORF_+_1940049	1940049	1940114	+	3	66	TTG	TAA	0	0	
mORF_+_1940059	1940059	1940124	+	1	66	TTG	TAA	0	0	
mORF_+_1940131	1940131	1940271	+	1	141	ATG	TAG	0	0	
mORF_+_1940136	1940136	1940150	+	3	15	TTG	TAG	0	0	
mORF_+_1940324	1940324	1940425	+	2	102	TTG	TAA	0	0	
mORF_+_1940338	1940338	1940379	+	1	42	TTG	TAA	0	0	
mORF_+_1940409	1940409	1940498	+	3	90	ATG	TGA	0	0	
mORF_+_1940428	1940428	1940436	+	1	9	ATG	TGA	0	0	
mORF_+_1940483	1940483	1940653	+	2	171	ATG	TAA	0	0	
mORF_+_1940544	1940544	1940609	+	3	66	GTG	TAA	0	0	
mORF_+_1940599	1940599	1940604	+	1	6	ATG	TAA	0	0	
mORF_+_1940640	1940640	1940645	+	3	6	GTG	TGA	0	0	
mORF_+_1940660	1940660	1940689	+	2	30	ATG	TGA	0	0	
mORF_+_1940686	1940686	1941441	+	1	756	ATG	TGA	18	64	pORF_+_1940686
mORF_+_1940711	1940711	1940785	+	2	75	ATG	TGA	0	0	
mORF_+_1940792	1940792	1940833	+	2	42	TTG	TAG	0	0	
mORF_+_1940855	1940855	1940938	+	2	84	ATG	TGA	0	0	
mORF_+_1941005	1941005	1941025	+	2	21	GTG	TGA	0	0	
mORF_+_1941053	1941053	1941079	+	2	27	GTG	TAG	0	0	
mORF_+_1941119	1941119	1941145	+	2	27	ATG	TAA	0	0	
mORF_+_1941146	1941146	1941211	+	2	66	ATG	TAA	0	0	
mORF_+_1941198	1941198	1941254	+	3	57	TTG	TGA	0	0	
mORF_+_1941251	1941251	1941268	+	2	18	ATG	TGA	0	0	
mORF_+_1941261	1941261	1941353	+	3	93	GTG	TGA	0	0	
mORF_+_1941302	1941302	1941445	+	2	144	TTG	TGA	0	0	
mORF_+_1941438	1941438	1942223	+	3	786	ATG	TAA	1	3	pORF_+_1941438
mORF_+_1941442	1941442	1941468	+	1	27	TTG	TAG	0	0	
mORF_+_1941461	1941461	1941544	+	2	84	TTG	TGA	0	0	
mORF_+_1941487	1941487	1941516	+	1	30	GTG	TAG	0	0	
mORF_+_1941541	1941541	1941600	+	1	60	GTG	TGA	0	0	
mORF_+_1941610	1941610	1941618	+	1	9	ATG	TGA	0	0	
mORF_+_1941619	1941619	1941696	+	1	78	TTG	TAG	0	0	
mORF_+_1941653	1941653	1941754	+	2	102	ATG	TAA	0	0	
mORF_+_1941712	1941712	1941741	+	1	30	GTG	TGA	0	0	
mORF_+_1941760	1941760	1941771	+	1	12	GTG	TGA	0	0	
mORF_+_1941787	1941787	1941804	+	1	18	GTG	TGA	0	0	
mORF_+_1941826	1941826	1941891	+	1	66	TTG	TGA	0	0	
mORF_+_1941869	1941869	1941919	+	2	51	ATG	TGA	0	0	
mORF_+_1941913	1941913	1941927	+	1	15	TTG	TGA	0	0	
mORF_+_1941976	1941976	1941984	+	1	9	TTG	TAG	0	0	
mORF_+_1941994	1941994	1942008	+	1	15	TTG	TGA	0	0	
mORF_+_1942054	1942054	1942113	+	1	60	TTG	TGA	0	0	
mORF_+_1942172	1942172	1942234	+	2	63	ATG	TGA	0	0	

mORF_+_1942174	1942174	1942203	+	1	30	GTG	TGA	0	0	
mORF_+_1942241	1942241	1942876	+	2	636	TTG	TGA	0	0	
mORF_+_1942248	1942248	1942295	+	3	48	ATG	TAG	0	0	
mORF_+_1942332	1942332	1942403	+	3	72	TTG	TGA	0	0	
mORF_+_1942345	1942345	1942785	+	1	441	ATG	TAA	0	0	
mORF_+_1942491	1942491	1942595	+	3	105	ATG	TAA	0	0	
mORF_+_1942656	1942656	1942829	+	3	174	ATG	TGA	0	0	
mORF_+_1942789	1942789	1942803	+	1	15	GTG	TGA	0	0	
mORF_+_1942873	1942873	1942917	+	1	45	GTG	TAA	0	0	
mORF_+_1942896	1942896	1942985	+	3	90	GTG	TAG	0	0	
mORF_+_1942945	1942945	1942971	+	1	27	GTG	TGA	0	0	
mORF_+_1942979	1942979	1943029	+	2	51	TTG	TAG	0	0	
mORF_+_1942993	1942993	1943049	+	1	57	TTG	TAA	0	0	
mORF_+_1943033	1943033	1943134	+	2	102	GTG	TAA	0	0	
mORF_+_1943076	1943076	1943213	+	3	138	GTG	TGA	0	0	
mORF_+_1943210	1943210	1943266	+	2	57	ATG	TGA	0	0	
mORF_+_1943244	1943244	1943282	+	3	39	TTG	TGA	0	0	
mORF_+_1943263	1943263	1943394	+	1	132	GTG	TAA	0	0	
mORF_+_1943304	1943304	1943558	+	3	255	TTG	TGA	0	0	
mORF_+_1943453	1943453	1943488	+	2	36	TTG	TAG	0	0	
mORF_+_1943476	1943476	1943721	+	1	246	TTG	TGA	0	0	
mORF_+_1943555	1943555	1943875	+	2	321	GTG	TGA	0	0	
mORF_+_1943673	1943673	1943705	+	3	33	GTG	TAA	0	0	
mORF_+_1943790	1943790	1943813	+	3	24	ATG	TAA	0	0	
mORF_+_1943800	1943800	1943949	+	1	150	TTG	TAA	0	0	
mORF_+_1943962	1943962	1944108	+	1	147	TTG	TGA	0	0	
mORF_+_1943972	1943972	1944004	+	2	33	ATG	TGA	0	0	
mORF_+_1944017	1944017	1944031	+	2	15	ATG	TAA	0	0	
mORF_+_1944038	1944038	1944103	+	2	66	ATG	TGA	0	0	
mORF_+_1944112	1944112	1944162	+	1	51	ATG	TAA	0	0	
mORF_+_1944144	1944144	1944179	+	3	36	TTG	TGA	0	0	
mORF_+_1944176	1944176	1944877	+	2	702	GTG	TAA	0	0	
mORF_+_1944184	1944184	1944216	+	1	33	ATG	TGA	0	0	
mORF_+_1944204	1944204	1944224	+	3	21	TTG	TAA	0	0	
mORF_+_1944232	1944232	1944270	+	1	39	ATG	TGA	0	0	
mORF_+_1944267	1944267	1944278	+	3	12	ATG	TGA	0	0	
mORF_+_1944300	1944300	1944332	+	3	33	ATG	TAG	0	0	
mORF_+_1944325	1944325	1944381	+	1	57	ATG	TAA	0	0	
mORF_+_1944333	1944333	1944509	+	3	177	GTG	TAA	0	0	
mORF_+_1944552	1944552	1944686	+	3	135	TTG	TAG	1	5	pORF_+_1944552
mORF_+_1944664	1944664	1944681	+	1	18	ATG	TGA	0	0	
mORF_+_1944693	1944693	1944707	+	3	15	TTG	TAA	0	0	
mORF_+_1944720	1944720	1944824	+	3	105	ATG	TGA	0	0	
mORF_+_1944766	1944766	1944777	+	1	12	GTG	TAA	0	0	
mORF_+_1944799	1944799	1944882	+	1	84	GTG	TAA	0	0	
mORF_+_1944828	1944828	1944863	+	3	36	ATG	TGA	0	0	
mORF_+_1944945	1944945	1945172	+	3	228	GTG	TGA	0	0	
mORF_+_1944955	1944955	1945086	+	1	132	GTG	TGA	0	0	
mORF_+_1944992	1944992	1945000	+	2	9	GTG	TAG	0	0	
mORF_+_1945088	1945088	1945192	+	2	105	GTG	TAA	0	0	
mORF_+_1945197	1945197	1945280	+	3	84	TTG	TAA	0	0	
mORF_+_1945204	1945204	1945215	+	1	12	ATG	TAA	0	0	
mORF_+_1945231	1945231	1945257	+	1	27	GTG	TAG	0	0	
mORF_+_1945258	1945258	1945320	+	1	63	ATG	TAG	0	0	
mORF_+_1945326	1945326	1945568	+	3	243	TTG	TAG	0	0	
mORF_+_1945345	1945345	1945356	+	1	12	ATG	TAG	0	0	
mORF_+_1945381	1945381	1945425	+	1	45	ATG	TAG	0	0	
mORF_+_1945415	1945415	1945480	+	2	66	TTG	TAA	0	0	
mORF_+_1945474	1945474	1946193	+	1	720	ATG	TAG	0	0	
mORF_+_1945562	1945562	1945660	+	2	99	TTG	TAG	0	0	
mORF_+_1945650	1945650	1945727	+	3	78	ATG	TGA	0	0	
mORF_+_1945724	1945724	1945783	+	2	60	ATG	TAG	0	0	
mORF_+_1945820	1945820	1945834	+	2	15	TTG	TGA	0	0	

mORF_+_1945827	1945827	1945886	+	3	60	ATG	TGA	0	0	
mORF_+_1945856	1945856	1945909	+	2	54	TTG	TAA	0	0	
mORF_+_1945887	1945887	1945922	+	3	36	TTG	TGA	0	0	
mORF_+_1945919	1945919	1946167	+	2	249	ATG	TGA	0	0	
mORF_+_1945935	1945935	1946003	+	3	69	TTG	TAG	0	0	
mORF_+_1946007	1946007	1946042	+	3	36	GTG	TAG	0	0	
mORF_+_1946244	1946244	1946297	+	3	54	TTG	TAA	0	0	
mORF_+_1946303	1946303	1946356	+	2	54	ATG	TGA	0	0	
mORF_+_1946310	1946310	1946387	+	3	78	GTG	TAG	0	0	
mORF_+_1946353	1946353	1946475	+	1	123	ATG	TGA	0	0	
mORF_+_1946390	1946390	1946398	+	2	9	ATG	TAA	0	0	
mORF_+_1946399	1946399	1946404	+	2	6	ATG	TGA	0	0	
mORF_+_1946424	1946424	1946432	+	3	9	GTG	TGA	0	0	
mORF_+_1946450	1946450	1946620	+	2	171	TTG	TAA	0	0	
mORF_+_1946469	1946469	1946609	+	3	141	ATG	TAG	0	0	
mORF_+_1946602	1946602	1946613	+	1	12	GTG	TGA	0	0	
mORF_+_1946610	1946610	1946672	+	3	63	ATG	TGA	0	0	
mORF_+_1946669	1946669	1946767	+	2	99	TTG	TGA	0	0	
mORF_+_1946706	1946706	1946753	+	3	48	ATG	TGA	0	0	
mORF_+_1946728	1946728	1946835	+	1	108	TTG	TAG	0	0	
mORF_+_1946805	1946805	1947107	+	3	303	ATG	TAA	0	0	
mORF_+_1946845	1946845	1946895	+	1	51	GTG	TAA	0	0	
mORF_+_1946950	1946950	1947033	+	1	84	ATG	TGA	0	0	
mORF_+_1946963	1946963	1947088	+	2	126	GTG	TGA	0	0	
mORF_+_1947111	1947111	1947128	+	3	18	TTG	TAA	0	0	
mORF_+_1947151	1947151	1947195	+	1	45	GTG	TGA	0	0	
mORF_+_1947192	1947192	1947497	+	3	306	GTG	TAA	0	0	
mORF_+_1947200	1947200	1948378	+	2	1179	ATG	TAA	0	0	
mORF_+_1947208	1947208	1947258	+	1	51	TTG	TAA	0	0	
mORF_+_1947268	1947268	1947420	+	1	153	GTG	TGA	0	0	
mORF_+_1947565	1947565	1947834	+	1	270	ATG	TGA	0	0	
mORF_+_1947831	1947831	1947857	+	3	27	ATG	TGA	0	0	
mORF_+_1947954	1947954	1947986	+	3	33	TTG	TAG	0	0	
mORF_+_1947979	1947979	1948095	+	1	117	GTG	TAA	0	0	
mORF_+_1947996	1947996	1948022	+	3	27	TTG	TAG	0	0	
mORF_+_1948041	1948041	1948142	+	3	102	GTG	TGA	0	0	
mORF_+_1948197	1948197	1948340	+	3	144	GTG	TGA	0	0	
mORF_+_1948341	1948341	1948565	+	3	225	ATG	TAG	0	0	
mORF_+_1948508	1948508	1948597	+	2	90	GTG	TGA	0	0	
mORF_+_1948576	1948576	1948614	+	1	39	ATG	TAG	0	0	
mORF_+_1948619	1948619	1948726	+	2	108	ATG	TGA	0	0	
mORF_+_1948632	1948632	1948676	+	3	45	ATG	TAA	0	0	
mORF_+_1948746	1948746	1948754	+	3	9	TTG	TAA	0	0	
mORF_+_1948757	1948757	1948810	+	2	54	GTG	TAA	0	0	
mORF_+_1948789	1948789	1948863	+	1	75	TTG	TGA	0	0	
mORF_+_1948821	1948821	1948826	+	3	6	GTG	TGA	0	0	
mORF_+_1948823	1948823	1949422	+	2	600	GTG	TGA	8	27	pORF_+_1948823
mORF_+_1948836	1948836	1948895	+	3	60	TTG	TGA	0	0	
mORF_+_1948923	1948923	1948955	+	3	33	TTG	TAG	0	0	
mORF_+_1949022	1949022	1949054	+	3	33	TTG	TAA	0	0	
mORF_+_1949067	1949067	1949126	+	3	60	ATG	TAG	0	0	
mORF_+_1949101	1949101	1949262	+	1	162	TTG	TGA	0	0	
mORF_+_1949127	1949127	1949228	+	3	102	GTG	TAG	0	0	
mORF_+_1949235	1949235	1949306	+	3	72	GTG	TGA	0	0	
mORF_+_1949307	1949307	1949456	+	3	150	TTG	TAA	0	0	
mORF_+_1949419	1949419	1950237	+	1	819	ATG	TGA	2	4	pORF_+_1949419
mORF_+_1949457	1949457	1949486	+	3	30	ATG	TGA	0	0	
mORF_+_1949483	1949483	1949659	+	2	177	TTG	TAG	0	0	
mORF_+_1949646	1949646	1949654	+	3	9	TTG	TGA	0	0	
mORF_+_1949702	1949702	1949893	+	2	192	TTG	TGA	0	0	
mORF_+_1949760	1949760	1949795	+	3	36	TTG	TAA	0	0	
mORF_+_1949915	1949915	1949992	+	2	78	ATG	TGA	0	0	
mORF_+_1950026	1950026	1950037	+	2	12	GTG	TGA	0	0	

mORF+_1950084	1950084	1950179	+	3	96	GTG	TAA	0	0	
mORF+_1950131	1950131	1950685	+	2	555	TTG	TAG	1	3	pORF+_1950131
mORF+_1950240	1950240	1950278	+	3	39	TTG	TAA	0	0	
mORF+_1950286	1950286	1950348	+	1	63	TTG	TGA	0	0	
mORF+_1950318	1950318	1950332	+	3	15	GTG	TAA	0	0	
mORF+_1950345	1950345	1950470	+	3	126	TTG	TGA	0	0	
mORF+_1950489	1950489	1950548	+	3	60	ATG	TGA	0	0	
mORF+_1950517	1950517	1950798	+	1	282	TTG	TAG	0	0	
mORF+_1950615	1950615	1950629	+	3	15	GTG	TGA	0	0	
mORF+_1950726	1950726	1951469	+	3	744	ATG	TGA	15	55	pORF+_1950726
mORF+_1950862	1950862	1950873	+	1	12	TTG	TAG	0	0	
mORF+_1950917	1950917	1950967	+	2	51	TTG	TGA	0	0	
mORF+_1950964	1950964	1951008	+	1	45	ATG	TGA	0	0	
mORF+_1950971	1950971	1951012	+	2	42	TTG	TGA	0	0	
mORF+_1951009	1951009	1951059	+	1	51	TTG	TAG	0	0	
mORF+_1951066	1951066	1951119	+	1	54	TTG	TGA	0	0	
mORF+_1951234	1951234	1951341	+	1	108	ATG	TGA	0	0	
mORF+_1951393	1951393	1951449	+	1	57	TTG	TAA	0	0	
mORF+_1951409	1951409	1951426	+	2	18	GTG	TAA	0	0	
mORF+_1951466	1951466	1952437	+	2	972	ATG	TAA	7	20	pORF+_1951466
mORF+_1951476	1951476	1951496	+	3	21	TTG	TGA	0	0	
mORF+_1951497	1951497	1951679	+	3	183	TTG	TGA	0	0	
mORF+_1951588	1951588	1951617	+	1	30	GTG	TGA	0	0	
mORF+_1951701	1951701	1951712	+	3	12	TTG	TGA	0	0	
mORF+_1951729	1951729	1951824	+	1	96	GTG	TGA	0	0	
mORF+_1951755	1951755	1951829	+	3	75	ATG	TAA	0	0	
mORF+_1951848	1951848	1951886	+	3	39	ATG	TGA	0	0	
mORF+_1951876	1951876	1951950	+	1	75	GTG	TGA	0	0	
mORF+_1951887	1951887	1952003	+	3	117	TTG	TAG	0	0	
mORF+_1952007	1952007	1952027	+	3	21	TTG	TGA	0	0	
mORF+_1952034	1952034	1952102	+	3	69	TTG	TGA	0	0	
mORF+_1952092	1952092	1952121	+	1	30	ATG	TGA	0	0	
mORF+_1952118	1952118	1952240	+	3	123	ATG	TGA	0	0	
mORF+_1952257	1952257	1952370	+	1	114	GTG	TGA	0	0	
mORF+_1952259	1952259	1952270	+	3	12	GTG	TAG	0	0	
mORF+_1952280	1952280	1952291	+	3	12	TTG	TGA	0	0	
mORF+_1952367	1952367	1952420	+	3	54	ATG	TGA	0	0	
mORF+_1952421	1952421	1952468	+	3	48	TTG	TGA	0	0	
mORF+_1952458	1952458	1952499	+	1	42	ATG	TAA	0	0	
mORF+_1952465	1952465	1952611	+	2	147	GTG	TGA	0	0	
mORF+_1952493	1952493	1952525	+	3	33	TTG	TAG	0	0	
mORF+_1952509	1952509	1952568	+	1	60	TTG	TAA	0	0	
mORF+_1952643	1952643	1952816	+	3	174	GTG	TGA	0	0	
mORF+_1952648	1952648	1952851	+	2	204	TTG	TGA	0	0	
mORF+_1952791	1952791	1952991	+	1	201	ATG	TAA	0	0	
mORF+_1952858	1952858	1952920	+	2	63	TTG	TGA	0	0	
mORF+_1952901	1952901	1952924	+	3	24	GTG	TAG	0	0	
mORF+_1952924	1952924	1952974	+	2	51	GTG	TAG	0	0	
mORF+_1952928	1952928	1952978	+	3	51	TTG	TAA	0	0	
mORF+_1952995	1952995	1953024	+	1	30	GTG	TAA	0	0	
mORF+_1952997	1952997	1953260	+	3	264	GTG	TAA	0	0	
mORF+_1953076	1953076	1953120	+	1	45	GTG	TGA	0	0	
mORF+_1953134	1953134	1953190	+	2	57	TTG	TAA	0	0	
mORF+_1953217	1953217	1953381	+	1	165	GTG	TAA	0	0	
mORF+_1953264	1953264	1953272	+	3	9	TTG	TAG	0	0	
mORF+_1953272	1953272	1953301	+	2	30	GTG	TGA	0	0	
mORF+_1953374	1953374	1953475	+	2	102	TTG	TAA	0	0	
mORF+_1953427	1953427	1953525	+	1	99	TTG	TAA	0	0	
mORF+_1953497	1953497	1953562	+	2	66	TTG	TAG	0	0	
mORF+_1953510	1953510	1953518	+	3	9	ATG	TGA	0	0	
mORF+_1953538	1953538	1953909	+	1	372	GTG	TAA	0	0	
mORF+_1953597	1953597	1953605	+	3	9	ATG	TAA	0	0	
mORF+_1953665	1953665	1953703	+	2	39	TTG	TGA	0	0	

mORF_+_1953707	1953707	1953862	+	2	156	TTG	TAA	0	0
mORF_+_1953891	1953891	1954025	+	3	135	GTG	TGA	0	0
mORF_+_1953937	1953937	1954197	+	1	261	GTG	TAA	0	0
mORF_+_1953992	1953992	1954321	+	2	330	GTG	TGA	0	0
mORF_+_1954170	1954170	1954280	+	3	111	GTG	TAG	0	0
mORF_+_1954321	1954321	1954371	+	1	51	ATG	TAA	0	0
mORF_+_1954474	1954474	1954506	+	1	33	ATG	TGA	0	0
mORF_+_1954481	1954481	1954510	+	2	30	ATG	TAA	0	0
mORF_+_1954491	1954491	1954637	+	3	147	GTG	TAG	0	0
mORF_+_1954519	1954519	1954563	+	1	45	ATG	TAA	0	0
mORF_+_1954567	1954567	1954677	+	1	111	TTG	TAA	0	0
mORF_+_1954619	1954619	1954666	+	2	48	ATG	TGA	0	0
mORF_+_1954677	1954677	1954814	+	3	138	ATG	TAG	0	0
mORF_+_1954732	1954732	1954821	+	1	90	TTG	TAA	0	0
mORF_+_1954787	1954787	1954801	+	2	15	GTG	TGA	0	0
mORF_+_1954832	1954832	1955185	+	2	354	ATG	TAA	0	0
mORF_+_1954854	1954854	1954916	+	3	63	TTG	TGA	0	0
mORF_+_1954944	1954944	1955006	+	3	63	ATG	TAA	0	0
mORF_+_1954999	1954999	1955025	+	1	27	GTG	TAA	0	0
mORF_+_1955019	1955019	1955033	+	3	15	TTG	TAA	0	0
mORF_+_1955139	1955139	1955177	+	3	39	GTG	TGA	0	0
mORF_+_1955185	1955185	1955256	+	1	72	ATG	TAG	0	0
mORF_+_1955274	1955274	1955288	+	3	15	ATG	TAA	0	0
mORF_+_1955317	1955317	1955385	+	1	69	TTG	TAA	0	0
mORF_+_1955321	1955321	1955407	+	2	87	TTG	TGA	0	0
mORF_+_1955385	1955385	1955501	+	3	117	ATG	TGA	0	0
mORF_+_1955404	1955404	1955583	+	1	180	TTG	TGA	0	0
mORF_+_1955426	1955426	1955449	+	2	24	GTG	TGA	0	0
mORF_+_1955477	1955477	1955542	+	2	66	TTG	TGA	0	0
mORF_+_1955549	1955549	1955560	+	2	12	TTG	TAA	0	0
mORF_+_1955565	1955565	1955576	+	3	12	GTG	TAG	0	0
mORF_+_1955608	1955608	1955796	+	1	189	ATG	TAA	0	0
mORF_+_1955618	1955618	1955665	+	2	48	TTG	TGA	0	0
mORF_+_1955694	1955694	1955870	+	3	177	GTG	TAA	0	0
mORF_+_1955699	1955699	1955833	+	2	135	TTG	TGA	0	0
mORF_+_1955830	1955830	1955904	+	1	75	ATG	TAA	0	0
mORF_+_1955861	1955861	1955881	+	2	21	TTG	TGA	0	0
mORF_+_1955895	1955895	1955909	+	3	15	ATG	TAG	0	0
mORF_+_1955934	1955934	1956158	+	3	225	TTG	TAG	0	0
mORF_+_1955941	1955941	1956069	+	1	129	ATG	TAA	0	0
mORF_+_1956076	1956076	1956090	+	1	15	TTG	TAA	0	0
mORF_+_1956137	1956137	1956172	+	2	36	ATG	TAA	0	0
mORF_+_1956193	1956193	1956204	+	1	12	TTG	TAA	0	0
mORF_+_1956225	1956225	1956236	+	3	12	TTG	TAG	0	0
mORF_+_1956270	1956270	1956302	+	3	33	ATG	TAA	0	0
mORF_+_1956283	1956283	1956288	+	1	6	ATG	TAA	0	0
mORF_+_1956296	1956296	1956325	+	2	30	TTG	TAG	0	0
mORF_+_1956315	1956315	1956347	+	3	33	TTG	TAG	0	0
mORF_+_1956368	1956368	1956373	+	2	6	ATG	TGA	0	0
mORF_+_1956370	1956370	1956483	+	1	114	GTG	TGA	0	0
mORF_+_1956402	1956402	1956569	+	3	168	ATG	TGA	0	0
mORF_+_1956517	1956517	1956540	+	1	24	TTG	TAA	0	0
mORF_+_1956548	1956548	1956556	+	2	9	TTG	TGA	0	0
mORF_+_1956556	1956556	1956639	+	1	84	ATG	TGA	0	0
mORF_+_1956566	1956566	1956610	+	2	45	ATG	TAA	0	0
mORF_+_1956639	1956639	1956773	+	3	135	ATG	TAA	0	0
mORF_+_1956644	1956644	1956658	+	2	15	ATG	TGA	0	0
mORF_+_1956655	1956655	1956678	+	1	24	TTG	TGA	0	0
mORF_+_1956682	1956682	1956816	+	1	135	TTG	TGA	0	0
mORF_+_1956773	1956773	1956931	+	2	159	ATG	TGA	0	0
mORF_+_1956777	1956777	1956800	+	3	24	TTG	TAA	0	0
mORF_+_1956813	1956813	1956890	+	3	78	TTG	TGA	0	0
mORF_+_1956823	1956823	1956837	+	1	15	TTG	TGA	0	0

mORF_+_1956841	1956841	1956849	+	1	9	TTG	TGA	0	0	
mORF_+_1956891	1956891	1956908	+	3	18	GTG	TAG	0	0	
mORF_+_1956928	1956928	1957038	+	1	111	ATG	TAA	0	0	
mORF_+_1956978	1956978	1957352	+	3	375	GTG	TGA	0	0	
mORF_+_1957049	1957049	1957093	+	2	45	GTG	TAG	0	0	
mORF_+_1957126	1957126	1957185	+	1	60	ATG	TAA	0	0	
mORF_+_1957234	1957234	1957248	+	1	15	TTG	TAG	0	0	
mORF_+_1957259	1957259	1957267	+	2	9	ATG	TAA	0	0	
mORF_+_1957349	1957349	1957402	+	2	54	ATG	TAA	0	0	
mORF_+_1957363	1957363	1957380	+	1	18	TTG	TGA	0	0	
mORF_+_1957368	1957368	1957556	+	3	189	TTG	TAA	0	0	
mORF_+_1957409	1957409	1957441	+	2	33	ATG	TGA	0	0	
mORF_+_1957420	1957420	1957458	+	1	39	TTG	TGA	0	0	
mORF_+_1957477	1957477	1957590	+	1	114	ATG	TAG	0	0	
mORF_+_1957532	1957532	1957579	+	2	48	ATG	TAG	0	0	
mORF_+_1957601	1957601	1957669	+	2	69	GTG	TGA	0	0	
mORF_+_1957653	1957653	1957727	+	3	75	TTG	TGA	0	0	
mORF_+_1957724	1957724	1957801	+	2	78	TTG	TAA	0	0	
mORF_+_1957743	1957743	1957748	+	3	6	ATG	TGA	0	0	
mORF_+_1957764	1957764	1957961	+	3	198	GTG	TAG	0	0	
mORF_+_1957801	1957801	1957812	+	1	12	ATG	TAA	0	0	
mORF_+_1957805	1957805	1957822	+	2	18	GTG	TAA	0	0	
mORF_+_1957828	1957828	1957854	+	1	27	ATG	TAG	0	0	
mORF_+_1957856	1957856	1957936	+	2	81	TTG	TGA	0	0	
mORF_+_1957912	1957912	1957953	+	1	42	TTG	TGA	0	0	
mORF_+_1957961	1957961	1958089	+	2	129	GTG	TGA	0	0	
mORF_+_1957989	1957989	1958030	+	3	42	TTG	TAA	0	0	
mORF_+_1958043	1958043	1958210	+	3	168	GTG	TAA	0	0	
mORF_+_1958056	1958056	1958076	+	1	21	TTG	TAA	0	0	
mORF_+_1958086	1958086	1959819	+	1	1734	GTG	TAA	70	330	pORF_+_1958086
mORF_+_1958132	1958132	1958218	+	2	87	TTG	TGA	0	0	
mORF_+_1958225	1958225	1958260	+	2	36	TTG	TAG	0	0	
mORF_+_1958309	1958309	1958545	+	2	237	TTG	TGA	0	0	
mORF_+_1958594	1958594	1958731	+	2	138	TTG	TAA	0	0	
mORF_+_1958598	1958598	1958633	+	3	36	ATG	TGA	0	0	
mORF_+_1958744	1958744	1958794	+	2	51	GTG	TGA	0	0	
mORF_+_1958766	1958766	1958843	+	3	78	GTG	TGA	0	0	
mORF_+_1958840	1958840	1958851	+	2	12	GTG	TGA	0	0	
mORF_+_1958888	1958888	1958923	+	2	36	TTG	TAG	0	0	
mORF_+_1958951	1958951	1958992	+	2	42	TTG	TGA	0	0	
mORF_+_1959008	1959008	1959121	+	2	114	ATG	TGA	0	0	
mORF_+_1959129	1959129	1959146	+	3	18	ATG	TAA	0	0	
mORF_+_1959155	1959155	1959199	+	2	45	ATG	TGA	0	0	
mORF_+_1959239	1959239	1959250	+	2	12	GTG	TGA	0	0	
mORF_+_1959269	1959269	1959373	+	2	105	ATG	TGA	0	0	
mORF_+_1959377	1959377	1959640	+	2	264	ATG	TAA	0	0	
mORF_+_1959642	1959642	1959731	+	3	90	GTG	TAA	0	0	
mORF_+_1959644	1959644	1959742	+	2	99	GTG	TAA	0	0	
mORF_+_1959797	1959797	1959808	+	2	12	TTG	TAG	0	0	
mORF_+_1959830	1959830	1959856	+	2	27	GTG	TAG	0	0	
mORF_+_1959874	1959874	1959978	+	1	105	TTG	TGA	0	0	
mORF_+_1959885	1959885	1959947	+	3	63	ATG	TAA	0	0	
mORF_+_1959975	1959975	1960484	+	3	510	TTG	TAA	0	0	
mORF_+_1960009	1960009	1960017	+	1	9	TTG	TAA	0	0	
mORF_+_1960034	1960034	1960078	+	2	45	TTG	TGA	0	0	
mORF_+_1960075	1960075	1960140	+	1	66	ATG	TGA	0	0	
mORF_+_1960097	1960097	1960120	+	2	24	TTG	TGA	0	0	
mORF_+_1960148	1960148	1960192	+	2	45	ATG	TAA	0	0	
mORF_+_1960177	1960177	1960188	+	1	12	ATG	TAA	0	0	
mORF_+_1960198	1960198	1960221	+	1	24	ATG	TAG	0	0	
mORF_+_1960240	1960240	1960245	+	1	6	GTG	TAA	0	0	
mORF_+_1960319	1960319	1960324	+	2	6	ATG	TGA	0	0	
mORF_+_1960321	1960321	1960329	+	1	9	GTG	TAA	0	0	

mORF+_1960339	1960339	1960359	+	1	21	ATG	TAA	0	0	
mORF+_1960360	1960360	1960398	+	1	39	GTG	TGA	0	0	
mORF+_1960382	1960382	1960444	+	2	63	ATG	TAA	0	0	
mORF+_1960496	1960496	1960525	+	2	30	TTG	TGA	0	0	
mORF+_1960501	1960501	1960563	+	1	63	ATG	TGA	0	0	
mORF+_1960506	1960506	1960532	+	3	27	TTG	TAA	0	0	
mORF+_1960533	1960533	1960571	+	3	39	TTG	TAA	0	0	
mORF+_1960597	1960597	1960686	+	1	90	TTG	TAA	0	0	
mORF+_1960634	1960634	1960645	+	2	12	TTG	TAG	0	0	
mORF+_1960728	1960728	1960817	+	3	90	GTG	TGA	0	0	
mORF+_1960766	1960766	1960795	+	2	30	TTG	TGA	0	0	
mORF+_1960798	1960798	1960812	+	1	15	GTG	TAA	0	0	
mORF+_1960856	1960856	1960906	+	2	51	TTG	TAG	0	0	
mORF+_1960924	1960924	1961070	+	1	147	TTG	TAA	0	0	
mORF+_1960952	1960952	1960975	+	2	24	TTG	TAA	0	0	
mORF+_1961000	1961000	1961161	+	2	162	TTG	TGA	0	0	
mORF+_1961010	1961010	1961279	+	3	270	TTG	TAA	0	0	
mORF+_1961119	1961119	1961169	+	1	51	GTG	TAG	0	0	
mORF+_1961182	1961182	1961193	+	1	12	TTG	TAA	0	0	
mORF+_1961281	1961281	1961355	+	1	75	ATG	TAA	0	0	
mORF+_1961294	1961294	1961557	+	2	264	TTG	TGA	1	3	pORF+_1961294
mORF+_1961359	1961359	1961667	+	1	309	ATG	TAG	0	0	
mORF+_1961361	1961361	1961474	+	3	114	GTG	TGA	0	0	
mORF+_1961511	1961511	1961588	+	3	78	TTG	TAA	0	0	
mORF+_1961588	1961588	1961647	+	2	60	ATG	TGA	0	0	
mORF+_1961607	1961607	1961687	+	3	81	TTG	TAG	0	0	
mORF+_1961700	1961700	1961756	+	3	57	ATG	TAA	0	0	
mORF+_1961816	1961816	1961824	+	2	9	ATG	TAG	0	0	
mORF+_1961833	1961833	1962174	+	1	342	TTG	TAA	0	0	
mORF+_1961846	1961846	1961971	+	2	126	TTG	TAA	0	0	
mORF+_1962059	1962059	1962226	+	2	168	TTG	TGA	0	0	
mORF+_1962207	1962207	1962218	+	3	12	TTG	TGA	0	0	
mORF+_1962257	1962257	1962352	+	2	96	GTG	TAA	0	0	
mORF+_1962313	1962313	1962345	+	1	33	TTG	TAG	0	0	
mORF+_1962315	1962315	1962422	+	3	108	GTG	TAA	0	0	
mORF+_1962364	1962364	1962486	+	1	123	GTG	TGA	0	0	
mORF+_1962371	1962371	1962493	+	2	123	ATG	TAA	0	0	
mORF+_1962471	1962471	1962563	+	3	93	TTG	TAA	0	0	
mORF+_1962647	1962647	1962730	+	2	84	TTG	TGA	0	0	
mORF+_1962727	1962727	1962786	+	1	60	GTG	TAA	0	0	
mORF+_1962788	1962788	1963552	+	2	765	ATG	TGA	1	2	pORF+_1962788
mORF+_1962798	1962798	1962812	+	3	15	TTG	TAA	0	0	
mORF+_1962813	1962813	1962836	+	3	24	GTG	TAA	0	0	
mORF+_1962951	1962951	1963124	+	3	174	ATG	TGA	0	0	
mORF+_1963021	1963021	1963092	+	1	72	TTG	TAA	1	3	pORF+_1963021
mORF+_1963317	1963317	1963403	+	3	87	ATG	TAG	0	0	
mORF+_1963360	1963360	1963419	+	1	60	GTG	TGA	0	0	
mORF+_1963416	1963416	1963484	+	3	69	TTG	TGA	0	0	
mORF+_1963462	1963462	1963500	+	1	39	GTG	TAA	0	0	
mORF+_1963524	1963524	1963721	+	3	198	TTG	TGA	0	0	
mORF+_1963549	1963549	1963578	+	1	30	GTG	TGA	0	0	
mORF+_1963571	1963571	1963645	+	2	75	GTG	TAG	0	0	
mORF+_1963609	1963609	1963617	+	1	9	TTG	TGA	0	0	
mORF+_1963636	1963636	1963680	+	1	45	GTG	TAA	0	0	
mORF+_1963718	1963718	1963828	+	2	111	GTG	TAG	0	0	
mORF+_1963758	1963758	1963799	+	3	42	ATG	TGA	0	0	
mORF+_1963771	1963771	1963779	+	1	9	TTG	TAA	0	0	
mORF+_1963818	1963818	1964015	+	3	198	ATG	TGA	0	0	
mORF+_1964012	1964012	1964116	+	2	105	GTG	TGA	0	0	
mORF+_1964040	1964040	1964174	+	3	135	ATG	TGA	0	0	
mORF+_1964113	1964113	1964241	+	1	129	GTG	TAA	0	0	
mORF+_1964141	1964141	1964167	+	2	27	TTG	TAG	0	0	
mORF+_1964171	1964171	1964251	+	2	81	GTG	TGA	0	0	

mORF_+_1964178	1964178	1964285	+	3	108	GTG	TAA	0	0	
mORF_+_1964248	1964248	1964382	+	1	135	ATG	TGA	0	0	
mORF_+_1964273	1964273	1964281	+	2	9	ATG	TGA	0	0	
mORF_+_1964336	1964336	1964794	+	2	459	GTG	TAA	0	0	
mORF_+_1964389	1964389	1964505	+	1	117	GTG	TAA	0	0	
mORF_+_1964478	1964478	1964495	+	3	18	TTG	TGA	0	0	
mORF_+_1964527	1964527	1964598	+	1	72	TTG	TGA	0	0	
mORF_+_1964550	1964550	1964594	+	3	45	ATG	TGA	0	0	
mORF_+_1964595	1964595	1964639	+	3	45	ATG	TGA	0	0	
mORF_+_1964655	1964655	1964819	+	3	165	ATG	TGA	0	0	
mORF_+_1964719	1964719	1965012	+	1	294	GTG	TGA	0	0	
mORF_+_1964816	1964816	1964836	+	2	21	TTG	TGA	0	0	
mORF_+_1964919	1964919	1964948	+	3	30	ATG	TGA	0	0	
mORF_+_1965000	1965000	1965212	+	3	213	ATG	TAA	0	0	
mORF_+_1965026	1965026	1965049	+	2	24	ATG	TGA	0	0	
mORF_+_1965046	1965046	1965063	+	1	18	TTG	TAG	0	0	
mORF_+_1965053	1965053	1965103	+	2	51	TTG	TGA	0	0	
mORF_+_1965076	1965076	1965147	+	1	72	ATG	TAG	0	0	
mORF_+_1965131	1965131	1965178	+	2	48	ATG	TGA	0	0	
mORF_+_1965175	1965175	1965312	+	1	138	ATG	TAA	0	0	
mORF_+_1965221	1965221	1965301	+	2	81	ATG	TAA	0	0	
mORF_+_1965331	1965331	1965474	+	1	144	TTG	TGA	0	0	
mORF_+_1965508	1965508	1965537	+	1	30	TTG	TAA	0	0	
mORF_+_1965518	1965518	1965970	+	2	453	TTG	TAA	0	0	
mORF_+_1965567	1965567	1965641	+	3	75	TTG	TGA	0	0	
mORF_+_1965604	1965604	1965768	+	1	165	TTG	TAA	0	0	
mORF_+_1965672	1965672	1965761	+	3	90	TTG	TGA	0	0	
mORF_+_1965789	1965789	1965800	+	3	12	TTG	TAA	0	0	
mORF_+_1965802	1965802	1965894	+	1	93	TTG	TAA	0	0	
mORF_+_1965939	1965939	1966010	+	3	72	GTG	TGA	0	0	
mORF_+_1965973	1965973	1966212	+	1	240	GTG	TGA	0	0	
mORF_+_1965998	1965998	1966036	+	2	39	TTG	TGA	0	0	
mORF_+_1966112	1966112	1966258	+	2	147	ATG	TGA	0	0	
mORF_+_1966206	1966206	1966571	+	3	366	TTG	TGA	0	0	
mORF_+_1966297	1966297	1966383	+	1	87	TTG	TGA	0	0	
mORF_+_1966448	1966448	1966507	+	2	60	ATG	TAA	0	0	
mORF_+_1966486	1966486	1966515	+	1	30	GTG	TGA	0	0	
mORF_+_1966568	1966568	1966606	+	2	39	GTG	TGA	0	0	
mORF_+_1966585	1966585	1966752	+	1	168	GTG	TAG	0	0	
mORF_+_1966691	1966691	1966777	+	2	87	ATG	TAG	0	0	
mORF_+_1966813	1966813	1967349	+	1	537	ATG	TAA	0	0	
mORF_+_1966832	1966832	1966888	+	2	57	ATG	TAG	0	0	
mORF_+_1966919	1966919	1967065	+	2	147	GTG	TGA	0	0	
mORF_+_1966968	1966968	1967132	+	3	165	ATG	TGA	0	0	
mORF_+_1967117	1967117	1967161	+	2	45	GTG	TGA	0	0	
mORF_+_1967234	1967234	1967239	+	2	6	TTG	TAA	0	0	
mORF_+_1967243	1967243	1967284	+	2	42	ATG	TGA	0	0	
mORF_+_1967362	1967362	1967382	+	1	21	TTG	TGA	0	0	
mORF_+_1967379	1967379	1967390	+	3	12	ATG	TAG	0	0	
mORF_+_1967428	1967428	1967433	+	1	6	TTG	TAA	0	0	
mORF_+_1967446	1967446	1967751	+	1	306	ATG	TGA	0	0	
mORF_+_1967451	1967451	1967477	+	3	27	GTG	TAA	0	0	
mORF_+_1967529	1967529	1967591	+	3	63	TTG	TGA	0	0	
mORF_+_1967598	1967598	1967657	+	3	60	GTG	TAA	0	0	
mORF_+_1967657	1967657	1967977	+	2	321	ATG	TGA	0	0	
mORF_+_1967778	1967778	1967921	+	3	144	TTG	TAA	0	0	
mORF_+_1967944	1967944	1968087	+	1	144	TTG	TAA	0	0	
mORF_+_1967981	1967981	1967995	+	2	15	ATG	TGA	0	0	
mORF_+_1968015	1968015	1968275	+	3	261	TTG	TGA	0	0	
mORF_+_1968077	1968077	1968364	+	2	288	GTG	TGA	0	0	
mORF_+_1968088	1968088	1968147	+	1	60	TTG	TGA	0	0	
mORF_+_1968187	1968187	1968546	+	1	360	GTG	TGA	1	2	pORF_+_1968187
mORF_+_1968357	1968357	1968401	+	3	45	GTG	TGA	0	0	

mORF_+_1968374	1968374	1968406	+	2	33	TTG	TAG	0	0
mORF_+_1968425	1968425	1968454	+	2	30	ATG	TGA	0	0
mORF_+_1968441	1968441	1968500	+	3	60	GTG	TGA	0	0
mORF_+_1968497	1968497	1968583	+	2	87	TTG	TGA	0	0
mORF_+_1968543	1968543	1968566	+	3	24	GTG	TGA	0	0
mORF_+_1968580	1968580	1968828	+	1	249	TTG	TAA	0	0
mORF_+_1968620	1968620	1968778	+	2	159	TTG	TAG	0	0
mORF_+_1968783	1968783	1969004	+	3	222	GTG	TAA	0	0
mORF_+_1968794	1968794	1968868	+	2	75	GTG	TGA	0	0
mORF_+_1968844	1968844	1968852	+	1	9	TTG	TAA	0	0
mORF_+_1968862	1968862	1968972	+	1	111	TTG	TAA	0	0
mORF_+_1968869	1968869	1968886	+	2	18	TTG	TGA	0	0
mORF_+_1968926	1968926	1969105	+	2	180	ATG	TGA	0	0
mORF_+_1969059	1969059	1969157	+	3	99	ATG	TGA	0	0
mORF_+_1969078	1969078	1969200	+	1	123	TTG	TAA	0	0
mORF_+_1969151	1969151	1969309	+	2	159	TTG	TGA	0	0
mORF_+_1969158	1969158	1969274	+	3	117	GTG	TGA	0	0
mORF_+_1969267	1969267	1969446	+	1	180	TTG	TGA	0	0
mORF_+_1969299	1969299	1969358	+	3	60	ATG	TAA	0	0
mORF_+_1969313	1969313	1969891	+	2	579	ATG	TAG	0	0
mORF_+_1969398	1969398	1969463	+	3	66	TTG	TGA	0	0
mORF_+_1969479	1969479	1969598	+	3	120	TTG	TAG	0	0
mORF_+_1969666	1969666	1969902	+	1	237	ATG	TGA	0	0
mORF_+_1969824	1969824	1969922	+	3	99	ATG	TGA	0	0
mORF_+_1969892	1969892	1969918	+	2	27	ATG	TGA	0	0
mORF_+_1969915	1969915	1969953	+	1	39	ATG	TGA	0	0
mORF_+_1969919	1969919	1970041	+	2	123	GTG	TGA	0	0
mORF_+_1969950	1969950	1970048	+	3	99	GTG	TAA	0	0
mORF_+_1970038	1970038	1970295	+	1	258	GTG	TAG	0	0
mORF_+_1970052	1970052	1970066	+	3	15	TTG	TAA	0	0
mORF_+_1970081	1970081	1970158	+	2	78	ATG	TAA	0	0
mORF_+_1970168	1970168	1970218	+	2	51	TTG	TGA	0	0
mORF_+_1970235	1970235	1970363	+	3	129	TTG	TAG	0	0
mORF_+_1970282	1970282	1970290	+	2	9	TTG	TAA	0	0
mORF_+_1970321	1970321	1970326	+	2	6	GTG	TAA	0	0
mORF_+_1970382	1970382	1970396	+	3	15	GTG	TGA	0	0
mORF_+_1970387	1970387	1970407	+	2	21	ATG	TAA	0	0
mORF_+_1970407	1970407	1970508	+	1	102	ATG	TGA	0	0
mORF_+_1970427	1970427	1970522	+	3	96	ATG	TAA	0	0
mORF_+_1970459	1970459	1970476	+	2	18	TTG	TGA	0	0
mORF_+_1970477	1970477	1970584	+	2	108	TTG	TGA	0	0
mORF_+_1970530	1970530	1970541	+	1	12	TTG	TAA	0	0
mORF_+_1970550	1970550	1970648	+	3	99	TTG	TAA	0	0
mORF_+_1970581	1970581	1970655	+	1	75	TTG	TAA	0	0
mORF_+_1970585	1970585	1970617	+	2	33	TTG	TGA	0	0
mORF_+_1970658	1970658	1970693	+	3	36	GTG	TGA	0	0
mORF_+_1970690	1970690	1970806	+	2	117	GTG	TAA	0	0
mORF_+_1970815	1970815	1970874	+	1	60	ATG	TGA	0	0
mORF_+_1970924	1970924	1971121	+	2	198	ATG	TAG	0	0
mORF_+_1970955	1970955	1970972	+	3	18	GTG	TGA	0	0
mORF_+_1970982	1970982	1971101	+	3	120	TTG	TAA	0	0
mORF_+_1971019	1971019	1971036	+	1	18	TTG	TGA	0	0
mORF_+_1971188	1971188	1971235	+	2	48	GTG	TGA	0	0
mORF_+_1971225	1971225	1971299	+	3	75	GTG	TAA	0	0
mORF_+_1971339	1971339	1971554	+	3	216	TTG	TAA	0	0
mORF_+_1971365	1971365	1971529	+	2	165	TTG	TAA	0	0
mORF_+_1971394	1971394	1971510	+	1	117	GTG	TAG	0	0
mORF_+_1971555	1971555	1971596	+	3	42	TTG	TAA	0	0
mORF_+_1971616	1971616	1971888	+	1	273	GTG	TGA	0	0
mORF_+_1971716	1971716	1971757	+	2	42	GTG	TAA	0	0
mORF_+_1971720	1971720	1971749	+	3	30	ATG	TGA	0	0
mORF_+_1971885	1971885	1972076	+	3	192	ATG	TAG	0	0
mORF_+_1971925	1971925	1972122	+	1	198	ATG	TGA	0	0

mORF_+_1971980	1971980	1972027	+	2	48	GTG	TGA	0	0	
mORF_+_1972052	1972052	1972240	+	2	189	TTG	TAA	0	0	
mORF_+_1972122	1972122	1972142	+	3	21	ATG	TAA	0	0	
mORF_+_1972197	1972197	1972391	+	3	195	GTG	TGA	0	0	
mORF_+_1972210	1972210	1972344	+	1	135	TTG	TAG	0	0	
mORF_+_1972372	1972372	1972452	+	1	81	ATG	TGA	0	0	
mORF_+_1972416	1972416	1972421	+	3	6	TTG	TAA	0	0	
mORF_+_1972449	1972449	1972529	+	3	81	ATG	TAA	0	0	
mORF_+_1972489	1972489	1972533	+	1	45	ATG	TGA	0	0	
mORF_+_1972530	1972530	1972754	+	3	225	TTG	TAA	0	0	
mORF_+_1972558	1972558	1972692	+	1	135	ATG	TGA	0	0	
mORF_+_1972610	1972610	1972636	+	2	27	TTG	TAA	0	0	
mORF_+_1972643	1972643	1972687	+	2	45	GTG	TAA	0	0	
mORF_+_1972723	1972723	1972881	+	1	159	GTG	TGA	0	0	
mORF_+_1972757	1972757	1972864	+	2	108	TTG	TAA	0	0	
mORF_+_1972806	1972806	1972928	+	3	123	ATG	TAA	0	0	
mORF_+_1972912	1972912	1972977	+	1	66	TTG	TGA	0	0	
mORF_+_1972943	1972943	1973059	+	2	117	ATG	TGA	1	2	pORF_+_1972943
mORF_+_1972974	1972974	1973390	+	3	417	TTG	TGA	0	0	
mORF_+_1973056	1973056	1973322	+	1	267	ATG	TGA	0	0	
mORF_+_1973315	1973315	1973680	+	2	366	ATG	TAG	0	0	
mORF_+_1973341	1973341	1973370	+	1	30	ATG	TGA	0	0	
mORF_+_1973394	1973394	1973501	+	3	108	GTG	TGA	0	0	
mORF_+_1973455	1973455	1973541	+	1	87	ATG	TAA	0	0	
mORF_+_1973550	1973550	1973711	+	3	162	TTG	TAA	0	0	
mORF_+_1973695	1973695	1973703	+	1	9	ATG	TGA	0	0	
mORF_+_1973717	1973717	1973770	+	2	54	TTG	TAG	0	0	
mORF_+_1973822	1973822	1973830	+	2	9	ATG	TGA	0	0	
mORF_+_1973861	1973861	1974013	+	2	153	TTG	TAA	0	0	
mORF_+_1973866	1973866	1973877	+	1	12	ATG	TAA	0	0	
mORF_+_1973944	1973944	1974369	+	1	426	TTG	TAG	0	0	
mORF_+_1974033	1974033	1974050	+	3	18	TTG	TAG	0	0	
mORF_+_1974053	1974053	1974112	+	2	60	ATG	TGA	0	0	
mORF_+_1974084	1974084	1974182	+	3	99	GTG	TAA	0	0	
mORF_+_1974134	1974134	1974193	+	2	60	ATG	TAA	0	0	
mORF_+_1974213	1974213	1974248	+	3	36	GTG	TGA	0	0	
mORF_+_1974230	1974230	1974271	+	2	42	TTG	TGA	0	0	
mORF_+_1974278	1974278	1974346	+	2	69	ATG	TAA	0	0	
mORF_+_1974300	1974300	1974485	+	3	186	TTG	TAA	0	0	
mORF_+_1974376	1974376	1974411	+	1	36	TTG	TAA	0	0	
mORF_+_1974404	1974404	1974424	+	2	21	GTG	TAG	0	0	
mORF_+_1974433	1974433	1974480	+	1	48	GTG	TGA	0	0	
mORF_+_1974497	1974497	1974508	+	2	12	ATG	TAA	0	0	
mORF_+_1974526	1974526	1974609	+	1	84	ATG	TGA	0	0	
mORF_+_1974552	1974552	1974596	+	3	45	ATG	TGA	0	0	
mORF_+_1974554	1974554	1974562	+	2	9	GTG	TAA	0	0	
mORF_+_1974606	1974606	1974653	+	3	48	GTG	TGA	0	0	
mORF_+_1974650	1974650	1974763	+	2	114	GTG	TGA	0	0	
mORF_+_1974702	1974702	1975151	+	3	450	GTG	TAA	0	0	
mORF_+_1974745	1974745	1974756	+	1	12	GTG	TGA	0	0	
mORF_+_1974799	1974799	1974828	+	1	30	ATG	TAG	0	0	
mORF_+_1974821	1974821	1975003	+	2	183	GTG	TAA	0	0	
mORF_+_1974949	1974949	1975077	+	1	129	TTG	TGA	0	0	
mORF_+_1975082	1975082	1975159	+	2	78	GTG	TAA	0	0	
mORF_+_1975182	1975182	1975217	+	3	36	TTG	TAA	0	0	
mORF_+_1975196	1975196	1975333	+	2	138	ATG	TAA	0	0	
mORF_+_1975225	1975225	1975293	+	1	69	TTG	TAA	0	0	
mORF_+_1975323	1975323	1975394	+	3	72	TTG	TAA	0	0	
mORF_+_1975379	1975379	1975435	+	2	57	ATG	TAA	0	0	
mORF_+_1975422	1975422	1975478	+	3	57	GTG	TAA	0	0	
mORF_+_1975441	1975441	1975575	+	1	135	TTG	TAG	0	0	
mORF_+_1975502	1975502	1975582	+	2	81	ATG	TGA	0	0	
mORF_+_1975545	1975545	1975568	+	3	24	TTG	TAA	0	0	

mORF_+_1975579	1975579	1975656	+	1	78	TTG	TGA	0	0	
mORF_+_1975631	1975631	1975678	+	2	48	ATG	TAA	0	0	
mORF_+_1975653	1975653	1975691	+	3	39	ATG	TGA	0	0	
mORF_+_1975688	1975688	1975810	+	2	123	TTG	TGA	0	0	
mORF_+_1975702	1975702	1975740	+	1	39	ATG	TAA	0	0	
mORF_+_1975807	1975807	1975830	+	1	24	GTG	TGA	0	0	
mORF_+_1975820	1975820	1975870	+	2	51	TTG	TGA	0	0	
mORF_+_1975852	1975852	1975911	+	1	60	ATG	TAA	0	0	
mORF_+_1975884	1975884	1975907	+	3	24	TTG	TGA	0	0	
mORF_+_1975927	1975927	1975941	+	1	15	GTG	TGA	0	0	
mORF_+_1975938	1975938	1975952	+	3	15	ATG	TGA	0	0	
mORF_+_1975949	1975949	1976086	+	2	138	ATG	TAA	0	0	
mORF_+_1976040	1976040	1976144	+	3	105	TTG	TGA	0	0	
mORF_+_1976077	1976077	1976127	+	1	51	GTG	TAG	0	0	
mORF_+_1976158	1976158	1976184	+	1	27	GTG	TGA	0	0	
mORF_+_1976181	1976181	1976192	+	3	12	TTG	TAA	0	0	
mORF_+_1976193	1976193	1976306	+	3	114	ATG	TAA	0	0	
mORF_+_1976195	1976195	1976239	+	2	45	GTG	TAA	0	0	
mORF_+_1976254	1976254	1976277	+	1	24	ATG	TGA	0	0	
mORF_+_1976322	1976322	1976330	+	3	9	TTG	TAA	0	0	
mORF_+_1976355	1976355	1976363	+	3	9	TTG	TAA	0	0	
mORF_+_1976365	1976365	1976487	+	1	123	ATG	TGA	0	0	
mORF_+_1976480	1976480	1976518	+	2	39	ATG	TAA	0	0	
mORF_+_1976484	1976484	1976531	+	3	48	GTG	TAA	0	0	
mORF_+_1976524	1976524	1976607	+	1	84	ATG	TGA	0	0	
mORF_+_1976531	1976531	1976548	+	2	18	ATG	TGA	0	0	
mORF_+_1976558	1976558	1976569	+	2	12	ATG	TAA	0	0	
mORF_+_1976576	1976576	1976866	+	2	291	ATG	TAA	0	0	
mORF_+_1976604	1976604	1976696	+	3	93	TTG	TGA	0	0	
mORF_+_1976641	1976641	1976775	+	1	135	GTG	TGA	0	0	
mORF_+_1976772	1976772	1976789	+	3	18	GTG	TAA	0	0	
mORF_+_1976827	1976827	1976994	+	1	168	GTG	TGA	0	0	
mORF_+_1976933	1976933	1977010	+	2	78	ATG	TGA	0	0	
mORF_+_1976991	1976991	1976999	+	3	9	GTG	TAA	0	0	
mORF_+_1977004	1977004	1977096	+	1	93	GTG	TGA	0	0	
mORF_+_1977035	1977035	1977073	+	2	39	TTG	TGA	0	0	
mORF_+_1977081	1977081	1977206	+	3	126	GTG	TGA	0	0	
mORF_+_1977103	1977103	1977108	+	1	6	GTG	TAA	0	0	
mORF_+_1977109	1977109	1977141	+	1	33	GTG	TGA	0	0	
mORF_+_1977125	1977125	1977202	+	2	78	ATG	TAG	0	0	
mORF_+_1977169	1977169	1977279	+	1	111	GTG	TAA	0	0	
mORF_+_1977281	1977281	1977307	+	2	27	TTG	TAA	0	0	
mORF_+_1977300	1977300	1977344	+	3	45	ATG	TAA	0	0	
mORF_+_1977317	1977317	1977364	+	2	48	TTG	TAG	0	0	
mORF_+_1977322	1977322	1977420	+	1	99	TTG	TAA	0	0	
mORF_+_1977374	1977374	1977388	+	2	15	ATG	TAA	0	0	
mORF_+_1977399	1977399	1977434	+	3	36	ATG	TAA	0	0	
mORF_+_1977460	1977460	1977486	+	1	27	ATG	TAA	0	0	
mORF_+_1977545	1977545	1977616	+	2	72	ATG	TAA	0	0	
mORF_+_1977556	1977556	1977573	+	1	18	ATG	TAA	0	0	
mORF_+_1977585	1977585	1977626	+	3	42	ATG	TGA	0	0	
mORF_+_1977623	1977623	1977649	+	2	27	TTG	TGA	0	0	
mORF_+_1977633	1977633	1977653	+	3	21	ATG	TGA	0	0	
mORF_+_1977646	1977646	1977657	+	1	12	GTG	TAA	0	0	
mORF_+_1977650	1977650	1977670	+	2	21	TTG	TAA	0	0	
mORF_+_1977694	1977694	1977780	+	1	87	TTG	TGA	0	0	
mORF_+_1977777	1977777	1978205	+	3	429	ATG	TAA	2	5	pORF_+_1977777
mORF_+_1977796	1977796	1977867	+	1	72	TTG	TAA	0	0	
mORF_+_1977937	1977937	1977957	+	1	21	TTG	TGA	0	0	
mORF_+_1977961	1977961	1977993	+	1	33	ATG	TAA	0	0	
mORF_+_1978000	1978000	1978047	+	1	48	ATG	TAA	0	0	
mORF_+_1978067	1978067	1978105	+	2	39	ATG	TAA	0	0	
mORF_+_1978156	1978156	1978185	+	1	30	TTG	TAG	0	0	

mORF_+_1978223	1978223	1978234	+	2	12	TTG	TAG	0	0
mORF_+_1978294	1978294	1978356	+	1	63	ATG	TGA	0	0
mORF_+_1978311	1978311	1978442	+	3	132	GTG	TAA	0	0
mORF_+_1978388	1978388	1978435	+	2	48	ATG	TAA	0	0
mORF_+_1978460	1978460	1978675	+	2	216	TTG	TAA	0	0
mORF_+_1978476	1978476	1978571	+	3	96	TTG	TAA	0	0
mORF_+_1978501	1978501	1978515	+	1	15	TTG	TGA	0	0
mORF_+_1978620	1978620	1978655	+	3	36	ATG	TAA	0	0
mORF_+_1978656	1978656	1979216	+	3	561	TTG	TAA	0	0
mORF_+_1978742	1978742	1978894	+	2	153	TTG	TAA	0	0
mORF_+_1978834	1978834	1978842	+	1	9	TTG	TAA	0	0
mORF_+_1978907	1978907	1979026	+	2	120	TTG	TGA	0	0
mORF_+_1978933	1978933	1978968	+	1	36	TTG	TAG	0	0
mORF_+_1978987	1978987	1979100	+	1	114	TTG	TAA	0	0
mORF_+_1979122	1979122	1979241	+	1	120	GTG	TGA	0	0
mORF_+_1979129	1979129	1979146	+	2	18	ATG	TGA	0	0
mORF_+_1979156	1979156	1979260	+	2	105	GTG	TAA	0	0
mORF_+_1979220	1979220	1979288	+	3	69	ATG	TAA	0	0
mORF_+_1979260	1979260	1979322	+	1	63	ATG	TAG	0	0
mORF_+_1979346	1979346	1979480	+	3	135	TTG	TAG	0	0
mORF_+_1979392	1979392	1979409	+	1	18	TTG	TAG	0	0
mORF_+_1979455	1979455	1979487	+	1	33	ATG	TGA	0	0
mORF_+_1979543	1979543	1979614	+	2	72	GTG	TAG	0	0
mORF_+_1979554	1979554	1979673	+	1	120	ATG	TAA	0	0
mORF_+_1979586	1979586	1979627	+	3	42	GTG	TAA	0	0
mORF_+_1979673	1979673	1979786	+	3	114	ATG	TAA	0	0
mORF_+_1979678	1979678	1979740	+	2	63	GTG	TGA	0	0
mORF_+_1979750	1979750	1979959	+	2	210	GTG	TGA	0	0
mORF_+_1979877	1979877	1979909	+	3	33	TTG	TGA	0	0
mORF_+_1979944	1979944	1979976	+	1	33	TTG	TAA	0	0
mORF_+_1979946	1979946	1979963	+	3	18	GTG	TAA	0	0
mORF_+_1979976	1979976	1980074	+	3	99	ATG	TGA	0	0
mORF_+_1979995	1979995	1980180	+	1	186	ATG	TAA	0	0
mORF_+_1980071	1980071	1980124	+	2	54	ATG	TGA	0	0
mORF_+_1980132	1980132	1980146	+	3	15	GTG	TGA	0	0
mORF_+_1980143	1980143	1980193	+	2	51	TTG	TAA	0	0
mORF_+_1980198	1980198	1980329	+	3	132	TTG	TGA	0	0
mORF_+_1980283	1980283	1980381	+	1	99	TTG	TAG	0	0
mORF_+_1980293	1980293	1980313	+	2	21	TTG	TGA	0	0
mORF_+_1980326	1980326	1980472	+	2	147	TTG	TAA	0	0
mORF_+_1980438	1980438	1980608	+	3	171	TTG	TAA	0	0
mORF_+_1980482	1980482	1980487	+	2	6	GTG	TGA	0	0
mORF_+_1980484	1980484	1980558	+	1	75	GTG	TAA	0	0
mORF_+_1980533	1980533	1980640	+	2	108	TTG	TAA	0	0
mORF_+_1980687	1980687	1980806	+	3	120	ATG	TAA	0	0
mORF_+_1980733	1980733	1980792	+	1	60	ATG	TAA	0	0
mORF_+_1980820	1980820	1980855	+	1	36	TTG	TAA	0	0
mORF_+_1980903	1980903	1981067	+	3	165	TTG	TAA	0	0
mORF_+_1981036	1981036	1981122	+	1	87	TTG	TGA	0	0
mORF_+_1981119	1981119	1981496	+	3	378	ATG	TGA	0	0
mORF_+_1981153	1981153	1981167	+	1	15	TTG	TGA	0	0
mORF_+_1981393	1981393	1981419	+	1	27	TTG	TAA	0	0
mORF_+_1981435	1981435	1981461	+	1	27	TTG	TAA	0	0
mORF_+_1981519	1981519	1981530	+	1	12	ATG	TAG	0	0
mORF_+_1981531	1981531	1981551	+	1	21	GTG	TAG	0	0
mORF_+_1981620	1981620	1981793	+	3	174	GTG	TAG	0	0
mORF_+_1981645	1981645	1981650	+	1	6	GTG	TAA	0	0
mORF_+_1981786	1981786	1981854	+	1	69	GTG	TAA	0	0
mORF_+_1981805	1981805	1981882	+	2	78	ATG	TGA	0	0
mORF_+_1981876	1981876	1981893	+	1	18	TTG	TGA	0	0
mORF_+_1981901	1981901	1981954	+	2	54	ATG	TGA	0	0
mORF_+_1981909	1981909	1982202	+	1	294	TTG	TAA	0	0
mORF_+_1981961	1981961	1982155	+	2	195	TTG	TAA	0	0

mORF_+_1982168	1982168	1982329	+	2	162	GTG	TAA	3	39	pORF_+_1982168
mORF_+_1982271	1982271	1982420	+	3	150	TTG	TAA	0	0	
mORF_+_1982338	1982338	1982505	+	1	168	TTG	TAA	0	0	
mORF_+_1982360	1982360	1982434	+	2	75	ATG	TAA	0	0	
mORF_+_1982456	1982456	1982494	+	2	39	ATG	TGA	0	0	
mORF_+_1982552	1982552	1982653	+	2	102	TTG	TGA	0	0	
mORF_+_1982583	1982583	1982603	+	3	21	TTG	TAA	0	0	
mORF_+_1982657	1982657	1982731	+	2	75	ATG	TAA	0	0	
mORF_+_1982704	1982704	1982718	+	1	15	ATG	TAA	0	0	
mORF_+_1982739	1982739	1982837	+	3	99	ATG	TAA	0	0	
mORF_+_1982753	1982753	1982785	+	2	33	ATG	TAG	0	0	
mORF_+_1982764	1982764	1982946	+	1	183	ATG	TAA	0	0	
mORF_+_1982786	1982786	1982833	+	2	48	ATG	TAA	0	0	
mORF_+_1982856	1982856	1982897	+	3	42	GTG	TAA	0	0	
mORF_+_1982867	1982867	1982926	+	2	60	GTG	TAG	0	0	
mORF_+_1982916	1982916	1982936	+	3	21	TTG	TGA	0	0	
mORF_+_1982927	1982927	1982989	+	2	63	TTG	TGA	0	0	
mORF_+_1982952	1982952	1983017	+	3	66	TTG	TAA	0	0	
mORF_+_1982986	1982986	1983069	+	1	84	ATG	TGA	0	0	
mORF_+_1983056	1983056	1983106	+	2	51	ATG	TGA	0	0	
mORF_+_1983066	1983066	1983083	+	3	18	ATG	TAG	0	0	
mORF_+_1983088	1983088	1983177	+	1	90	TTG	TAA	0	0	
mORF_+_1983137	1983137	1983283	+	2	147	ATG	TAA	0	0	
mORF_+_1983249	1983249	1983362	+	3	114	TTG	TAG	0	0	
mORF_+_1983307	1983307	1983522	+	1	216	ATG	TGA	0	0	
mORF_+_1983392	1983392	1983430	+	2	39	ATG	TGA	0	0	
mORF_+_1983461	1983461	1983511	+	2	51	GTG	TGA	0	0	
mORF_+_1983519	1983519	1983557	+	3	39	TTG	TAG	0	0	
mORF_+_1983524	1983524	1983574	+	2	51	TTG	TGA	0	0	
mORF_+_1983580	1983580	1983993	+	1	414	TTG	TAA	0	0	
mORF_+_1983656	1983656	1983736	+	2	81	TTG	TGA	0	0	
mORF_+_1983786	1983786	1983806	+	3	21	TTG	TAA	0	0	
mORF_+_1983797	1983797	1983844	+	2	48	TTG	TAG	0	0	
mORF_+_1983863	1983863	1984210	+	2	348	ATG	TAA	0	0	
mORF_+_1983909	1983909	1983977	+	3	69	TTG	TAA	0	0	
mORF_+_1984051	1984051	1984101	+	1	51	TTG	TGA	0	0	
mORF_+_1984098	1984098	1984106	+	3	9	GTG	TAA	0	0	
mORF_+_1984147	1984147	1984170	+	1	24	GTG	TAG	0	0	
mORF_+_1984170	1984170	1984241	+	3	72	GTG	TAA	0	0	
mORF_+_1984180	1984180	1984185	+	1	6	GTG	TAG	0	0	
mORF_+_1984253	1984253	1984270	+	2	18	GTG	TAG	0	0	
mORF_+_1984326	1984326	1984409	+	3	84	GTG	TAA	0	0	
mORF_+_1984334	1984334	1984504	+	2	171	GTG	TGA	0	0	
mORF_+_1984375	1984375	1984416	+	1	42	TTG	TAA	0	0	
mORF_+_1984434	1984434	1984484	+	3	51	TTG	TAG	0	0	
mORF_+_1984459	1984459	1984473	+	1	15	ATG	TAA	0	0	
mORF_+_1984501	1984501	1984512	+	1	12	TTG	TGA	0	0	
mORF_+_1984509	1984509	1984592	+	3	84	TTG	TAA	0	0	
mORF_+_1984514	1984514	1984522	+	2	9	ATG	TAA	0	0	
mORF_+_1984541	1984541	1984573	+	2	33	GTG	TAA	0	0	
mORF_+_1984582	1984582	1984596	+	1	15	GTG	TAA	0	0	
mORF_+_1984610	1984610	1984633	+	2	24	ATG	TGA	0	0	
mORF_+_1984630	1984630	1984686	+	1	57	ATG	TAA	0	0	
mORF_+_1984664	1984664	1984768	+	2	105	ATG	TAA	0	0	
mORF_+_1984725	1984725	1984739	+	3	15	TTG	TGA	0	0	
mORF_+_1984753	1984753	1984758	+	1	6	ATG	TAA	0	0	
mORF_+_1984771	1984771	1984782	+	1	12	TTG	TAA	0	0	
mORF_+_1984836	1984836	1984937	+	3	102	TTG	TAA	0	0	
mORF_+_1984894	1984894	1984905	+	1	12	ATG	TGA	0	0	
mORF_+_1984912	1984912	1985034	+	1	123	TTG	TAA	0	0	
mORF_+_1984949	1984949	1985452	+	2	504	ATG	TGA	0	0	
mORF_+_1985038	1985038	1985046	+	1	9	GTG	TGA	0	0	
mORF_+_1985097	1985097	1985102	+	3	6	ATG	TGA	0	0	

mORF_+_1985136	1985136	1985189	+	3	54	GTG	TGA	0	0	
mORF_+_1985265	1985265	1985282	+	3	18	ATG	TGA	0	0	
mORF_+_1985283	1985283	1985426	+	3	144	ATG	TGA	0	0	
mORF_+_1985395	1985395	1985484	+	1	90	GTG	TGA	0	0	
mORF_+_1985427	1985427	1985468	+	3	42	ATG	TAA	0	0	
mORF_+_1985468	1985468	1985806	+	2	339	ATG	TGA	0	0	
mORF_+_1985481	1985481	1985534	+	3	54	ATG	TAA	0	0	
mORF_+_1985548	1985548	1985556	+	1	9	GTG	TAA	0	0	
mORF_+_1985559	1985559	1985654	+	3	96	TTG	TGA	0	0	
mORF_+_1985590	1985590	1985604	+	1	15	TTG	TGA	0	0	
mORF_+_1985715	1985715	1985759	+	3	45	TTG	TGA	0	0	
mORF_+_1985803	1985803	1985844	+	1	42	TTG	TAG	0	0	
mORF_+_1985894	1985894	1986040	+	2	147	TTG	TGA	0	0	
mORF_+_1985910	1985910	1985945	+	3	36	TTG	TAG	0	0	
mORF_+_1985949	1985949	1986035	+	3	87	TTG	TAA	0	0	
mORF_+_1986001	1986001	1986084	+	1	84	TTG	TAA	0	0	
mORF_+_1986065	1986065	1986070	+	2	6	ATG	TGA	0	0	
mORF_+_1986096	1986096	1986104	+	3	9	ATG	TAA	0	0	
mORF_+_1986107	1986107	1986139	+	2	33	ATG	TGA	0	0	
mORF_+_1986149	1986149	1986205	+	2	57	ATG	TAA	0	0	
mORF_+_1986189	1986189	1986212	+	3	24	TTG	TAA	0	0	
mORF_+_1986217	1986217	1986249	+	1	33	GTG	TGA	0	0	
mORF_+_1986246	1986246	1986569	+	3	324	ATG	TAA	0	0	
mORF_+_1986290	1986290	1986328	+	2	39	GTG	TGA	0	0	
mORF_+_1986313	1986313	1986318	+	1	6	ATG	TGA	0	0	
mORF_+_1986325	1986325	1986354	+	1	30	TTG	TAG	0	0	
mORF_+_1986358	1986358	1986474	+	1	117	ATG	TAG	0	0	
mORF_+_1986425	1986425	1986484	+	2	60	ATG	TAG	0	0	
mORF_+_1986490	1986490	1986510	+	1	21	TTG	TGA	0	0	
mORF_+_1986503	1986503	1986604	+	2	102	ATG	TAA	0	0	
mORF_+_1986618	1986618	1986653	+	3	36	ATG	TGA	0	0	
mORF_+_1986650	1986650	1986688	+	2	39	TTG	TAA	0	0	
mORF_+_1986698	1986698	1986721	+	2	24	GTG	TAA	0	0	
mORF_+_1986725	1986725	1987237	+	2	513	TTG	TAA	28	293	pORF_+_1986725
mORF_+_1986727	1986727	1986762	+	1	36	GTG	TGA	0	0	
mORF_+_1986759	1986759	1986782	+	3	24	TTG	TGA	0	0	
mORF_+_1986829	1986829	1986915	+	1	87	GTG	TGA	0	0	
mORF_+_1986852	1986852	1986893	+	3	42	GTG	TGA	0	0	
mORF_+_1986912	1986912	1986923	+	3	12	TTG	TGA	0	0	
mORF_+_1986957	1986957	1987028	+	3	72	TTG	TAA	0	0	
mORF_+_1987056	1987056	1987067	+	3	12	ATG	TGA	0	0	
mORF_+_1987102	1987102	1987116	+	1	15	ATG	TGA	0	0	
mORF_+_1987107	1987107	1987163	+	3	57	ATG	TAA	0	0	
mORF_+_1987237	1987237	1987281	+	1	45	ATG	TGA	0	0	
mORF_+_1987278	1987278	1987469	+	3	192	GTG	TGA	0	0	
mORF_+_1987333	1987333	1987398	+	1	66	TTG	TGA	0	0	
mORF_+_1987340	1987340	1987429	+	2	90	TTG	TAA	0	0	
mORF_+_1987494	1987494	1987538	+	3	45	ATG	TAG	0	0	
mORF_+_1987547	1987547	1987681	+	2	135	TTG	TAA	0	0	
mORF_+_1987585	1987585	1987623	+	1	39	ATG	TAA	0	0	
mORF_+_1987648	1987648	1987656	+	1	9	ATG	TAA	0	0	
mORF_+_1987705	1987705	1988916	+	1	1212	GTG	TGA	0	0	
mORF_+_1987727	1987727	1987816	+	2	90	GTG	TAA	0	0	
mORF_+_1987826	1987826	1987843	+	2	18	TTG	TGA	0	0	
mORF_+_1987833	1987833	1988015	+	3	183	TTG	TGA	0	0	
mORF_+_1987883	1987883	1987951	+	2	69	ATG	TGA	0	0	
mORF_+_1987979	1987979	1987987	+	2	9	ATG	TGA	0	0	
mORF_+_1988006	1988006	1988182	+	2	177	GTG	TAA	0	0	
mORF_+_1988109	1988109	1988141	+	3	33	TTG	TAA	0	0	
mORF_+_1988285	1988285	1988362	+	2	78	TTG	TAA	0	0	
mORF_+_1988369	1988369	1988470	+	2	102	GTG	TAA	0	0	
mORF_+_1988513	1988513	1988548	+	2	36	ATG	TAG	0	0	
mORF_+_1988573	1988573	1988581	+	2	9	TTG	TAG	0	0	

mORF_+_1988588	1988588	1988707	+	2	120	TTG	TGA	0	0
mORF_+_1988726	1988726	1988752	+	2	27	GTG	TGA	0	0
mORF_+_1988819	1988819	1988866	+	2	48	GTG	TGA	0	0
mORF_+_1988867	1988867	1988884	+	2	18	TTG	TGA	0	0
mORF_+_1988885	1988885	1989112	+	2	228	TTG	TAG	0	0
mORF_+_1988913	1988913	1988924	+	3	12	GTG	TAG	0	0
mORF_+_1988943	1988943	1988981	+	3	39	GTG	TAA	0	0
mORF_+_1989057	1989057	1989071	+	3	15	TTG	TGA	0	0
mORF_+_1989132	1989132	1989284	+	3	153	ATG	TAG	0	0
mORF_+_1989203	1989203	1989235	+	2	33	GTG	TAA	0	0
mORF_+_1989250	1989250	1989420	+	1	171	TTG	TAA	0	0
mORF_+_1989398	1989398	1989442	+	2	45	ATG	TGA	0	0
mORF_+_1989509	1989509	1989538	+	2	30	TTG	TAA	0	0
mORF_+_1989564	1989564	1989716	+	3	153	ATG	TGA	0	0
mORF_+_1989569	1989569	1989628	+	2	60	GTG	TAA	0	0
mORF_+_1989656	1989656	1989736	+	2	81	GTG	TAA	0	0
mORF_+_1989717	1989717	1989743	+	3	27	GTG	TAA	0	0
mORF_+_1989749	1989749	1989754	+	2	6	GTG	TAA	0	0
mORF_+_1989762	1989762	1989818	+	3	57	TTG	TGA	0	0
mORF_+_1989815	1989815	1989892	+	2	78	TTG	TAA	0	0
mORF_+_1989838	1989838	1989969	+	1	132	ATG	TAG	0	0
mORF_+_1989900	1989900	1990130	+	3	231	GTG	TGA	0	0
mORF_+_1989976	1989976	1989993	+	1	18	TTG	TAA	0	0
mORF_+_1990115	1990115	1990162	+	2	48	GTG	TAA	0	0
mORF_+_1990167	1990167	1990343	+	3	177	TTG	TGA	0	0
mORF_+_1990193	1990193	1990237	+	2	45	GTG	TGA	0	0
mORF_+_1990234	1990234	1990275	+	1	42	ATG	TGA	0	0
mORF_+_1990340	1990340	1990531	+	2	192	TTG	TAA	0	0
mORF_+_1990402	1990402	1990584	+	1	183	ATG	TGA	0	0
mORF_+_1990553	1990553	1990615	+	2	63	TTG	TAG	0	0
mORF_+_1990581	1990581	1990853	+	3	273	GTG	TAA	0	0
mORF_+_1990606	1990606	1990770	+	1	165	ATG	TAA	0	0
mORF_+_1990682	1990682	1990732	+	2	51	GTG	TGA	0	0
mORF_+_1990787	1990787	1990795	+	2	9	ATG	TAA	0	0
mORF_+_1990798	1990798	1991076	+	1	279	ATG	TGA	0	0
mORF_+_1990811	1990811	1990816	+	2	6	GTG	TAA	0	0
mORF_+_1990881	1990881	1991114	+	3	234	ATG	TGA	0	0
mORF_+_1990901	1990901	1990987	+	2	87	ATG	TAA	0	0
mORF_+_1990991	1990991	1991122	+	2	132	TTG	TGA	0	0
mORF_+_1991119	1991119	1991145	+	1	27	GTG	TAA	0	0
mORF_+_1991135	1991135	1991161	+	2	27	ATG	TGA	0	0
mORF_+_1991158	1991158	1991178	+	1	21	GTG	TAA	0	0
mORF_+_1991238	1991238	1991264	+	3	27	TTG	TGA	0	0
mORF_+_1991261	1991261	1991278	+	2	18	ATG	TGA	0	0
mORF_+_1991275	1991275	1991340	+	1	66	ATG	TAA	0	0
mORF_+_1991325	1991325	1991384	+	3	60	TTG	TAA	0	0
mORF_+_1991430	1991430	1991450	+	3	21	GTG	TAG	0	0
mORF_+_1991510	1991510	1991635	+	2	126	TTG	TAA	0	0
mORF_+_1991520	1991520	1991603	+	3	84	ATG	TGA	0	0
mORF_+_1991625	1991625	1991672	+	3	48	TTG	TAA	0	0
mORF_+_1991694	1991694	1991702	+	3	9	TTG	TGA	0	0
mORF_+_1991699	1991699	1991731	+	2	33	TTG	TGA	0	0
mORF_+_1991712	1991712	1991822	+	3	111	TTG	TAG	0	0
mORF_+_1991813	1991813	1991818	+	2	6	TTG	TAA	0	0
mORF_+_1991907	1991907	1991915	+	3	9	TTG	TGA	0	0
mORF_+_1991919	1991919	1992032	+	3	114	ATG	TGA	0	0
mORF_+_1991930	1991930	1992301	+	2	372	GTG	TAG	0	0
mORF_+_1992049	1992049	1992099	+	1	51	GTG	TAA	0	0
mORF_+_1992099	1992099	1992119	+	3	21	ATG	TGA	0	0
mORF_+_1992126	1992126	1992164	+	3	39	TTG	TGA	0	0
mORF_+_1992249	1992249	1992257	+	3	9	TTG	TAA	0	0
mORF_+_1992279	1992279	1992326	+	3	48	ATG	TAG	0	0
mORF_+_1992307	1992307	1992420	+	1	114	GTG	TAA	0	0

mORF_+_1992357	1992357	1992458	+	3	102	TTG	TAA	0	0	
mORF_+_1992362	1992362	1992430	+	2	69	ATG	TGA	0	0	
mORF_+_1992427	1992427	1992477	+	1	51	ATG	TGA	0	0	
mORF_+_1992474	1992474	1992482	+	3	9	TTG	TAG	0	0	
mORF_+_1992483	1992483	1992518	+	3	36	TTG	TGA	0	0	
mORF_+_1992485	1992485	1992700	+	2	216	GTG	TAA	0	0	
mORF_+_1992567	1992567	1992596	+	3	30	TTG	TAG	0	0	
mORF_+_1992627	1992627	1992638	+	3	12	TTG	TAG	0	0	
mORF_+_1992663	1992663	1992671	+	3	9	ATG	TAA	0	0	
mORF_+_1992709	1992709	1992738	+	1	30	TTG	TGA	0	0	
mORF_+_1992735	1992735	1992818	+	3	84	TTG	TGA	0	0	
mORF_+_1992763	1992763	1992810	+	1	48	ATG	TAG	0	0	
mORF_+_1992803	1992803	1992829	+	2	27	ATG	TAG	0	0	
mORF_+_1992860	1992860	1992994	+	2	135	TTG	TGA	0	0	
mORF_+_1992945	1992945	1993079	+	3	135	ATG	TGA	0	0	
mORF_+_1992988	1992988	1993026	+	1	39	TTG	TGA	0	0	
mORF_+_1992998	1992998	1993015	+	2	18	ATG	TAA	0	0	
mORF_+_1993073	1993073	1993084	+	2	12	TTG	TAG	0	0	
mORF_+_1993103	1993103	1993570	+	2	468	ATG	TAA	0	0	
mORF_+_1993132	1993132	1993230	+	1	99	ATG	TAG	0	0	
mORF_+_1993248	1993248	1993265	+	3	18	TTG	TAA	0	0	
mORF_+_1993284	1993284	1993379	+	3	96	ATG	TGA	0	0	
mORF_+_1993354	1993354	1993371	+	1	18	GTG	TAG	0	0	
mORF_+_1993450	1993450	1993461	+	1	12	TTG	TGA	0	0	
mORF_+_1993458	1993458	1993469	+	3	12	TTG	TAA	0	0	
mORF_+_1993501	1993501	1993599	+	1	99	TTG	TGA	0	0	
mORF_+_1993584	1993584	1993589	+	3	6	ATG	TGA	0	0	
mORF_+_1993586	1993586	1993618	+	2	33	GTG	TGA	0	0	
mORF_+_1993596	1993596	1993682	+	3	87	TTG	TGA	0	0	
mORF_+_1993615	1993615	1993641	+	1	27	ATG	TAA	0	0	
mORF_+_1993679	1993679	1993855	+	2	177	ATG	TGA	0	0	
mORF_+_1993695	1993695	1993766	+	3	72	TTG	TAG	0	0	
mORF_+_1993819	1993819	1993845	+	1	27	TTG	TGA	0	0	
mORF_+_1993842	1993842	1994066	+	3	225	ATG	TAA	7	87	pORF_+_1993842
mORF_+_1993891	1993891	1993908	+	1	18	ATG	TGA	0	0	
mORF_+_1993987	1993987	1993995	+	1	9	TTG	TGA	0	0	
mORF_+_1994086	1994086	1994142	+	1	57	GTG	TAA	0	0	
mORF_+_1994181	1994181	1994192	+	3	12	TTG	TAA	0	0	
mORF_+_1994204	1994204	1994497	+	2	294	ATG	TGA	2	10	pORF_+_1994204
mORF_+_1994215	1994215	1994244	+	1	30	GTG	TGA	0	0	
mORF_+_1994241	1994241	1994318	+	3	78	TTG	TGA	0	0	
mORF_+_1994404	1994404	1994490	+	1	87	TTG	TAA	0	0	
mORF_+_1994478	1994478	1994501	+	3	24	TTG	TGA	0	0	
mORF_+_1994498	1994498	1994590	+	2	93	GTG	TGA	0	0	
mORF_+_1994518	1994518	1994541	+	1	24	ATG	TAA	0	0	
mORF_+_1994520	1994520	1994558	+	3	39	GTG	TGA	0	0	
mORF_+_1994581	1994581	1994727	+	1	147	ATG	TAA	0	0	
mORF_+_1994622	1994622	1994654	+	3	33	TTG	TAA	0	0	
mORF_+_1994672	1994672	1994680	+	2	9	TTG	TAA	0	0	
mORF_+_1994699	1994699	1994734	+	2	36	GTG	TAG	0	0	
mORF_+_1994703	1994703	1994837	+	3	135	ATG	TGA	0	0	
mORF_+_1994773	1994773	1994877	+	1	105	ATG	TGA	0	0	
mORF_+_1994822	1994822	1994896	+	2	75	GTG	TAA	0	0	
mORF_+_1994880	1994880	1994936	+	3	57	GTG	TAA	0	0	
mORF_+_1994896	1994896	1994919	+	1	24	ATG	TAA	0	0	
mORF_+_1994954	1994954	1995061	+	2	108	ATG	TGA	0	0	
mORF_+_1994965	1994965	1995009	+	1	45	TTG	TGA	0	0	
mORF_+_1995003	1995003	1995017	+	3	15	ATG	TAA	0	0	
mORF_+_1995033	1995033	1995275	+	3	243	TTG	TGA	0	0	
mORF_+_1995058	1995058	1995075	+	1	18	GTG	TGA	0	0	
mORF_+_1995089	1995089	1995148	+	2	60	TTG	TAA	0	0	
mORF_+_1995154	1995154	1995192	+	1	39	TTG	TAA	0	0	
mORF_+_1995233	1995233	1995322	+	2	90	GTG	TGA	0	0	

mORF_+_1995279	1995279	1995395	+	3	117	ATG	TGA	0	0
mORF_+_1995325	1995325	1995501	+	1	177	TTG	TGA	0	0
mORF_+_1995392	1995392	1995622	+	2	231	TTG	TAA	0	0
mORF_+_1995474	1995474	1995587	+	3	114	GTG	TGA	0	0
mORF_+_1995622	1995622	1995642	+	1	21	ATG	TAG	0	0
mORF_+_1995642	1995642	1995794	+	3	153	GTG	TGA	0	0
mORF_+_1995677	1995677	1995703	+	2	27	TTG	TAG	0	0
mORF_+_1995739	1995739	1995822	+	1	84	TTG	TAA	0	0
mORF_+_1995779	1995779	1995868	+	2	90	GTG	TGA	0	0
mORF_+_1995828	1995828	1995863	+	3	36	ATG	TAA	0	0
mORF_+_1995865	1995865	1995897	+	1	33	TTG	TAA	0	0
mORF_+_1995908	1995908	1995919	+	2	12	ATG	TAG	0	0
mORF_+_1995920	1995920	1995985	+	2	66	ATG	TGA	0	0
mORF_+_1996008	1996008	1996043	+	3	36	TTG	TAA	0	0
mORF_+_1996086	1996086	1996166	+	3	81	GTG	TAG	0	0
mORF_+_1996106	1996106	1996153	+	2	48	ATG	TGA	0	0
mORF_+_1996172	1996172	1996201	+	2	30	ATG	TAG	0	0
mORF_+_1996208	1996208	1996279	+	2	72	GTG	TAA	0	0
mORF_+_1996230	1996230	1996289	+	3	60	TTG	TAA	0	0
mORF_+_1996294	1996294	1996404	+	1	111	TTG	TAA	0	0
mORF_+_1996296	1996296	1996304	+	3	9	GTG	TGA	0	0
mORF_+_1996301	1996301	1996333	+	2	33	ATG	TAA	0	0
mORF_+_1996362	1996362	1996391	+	3	30	TTG	TAA	0	0
mORF_+_1996415	1996415	1996570	+	2	156	ATG	TAA	0	0
mORF_+_1996432	1996432	1996521	+	1	90	TTG	TAA	0	0
mORF_+_1996524	1996524	1996754	+	3	231	GTG	TAA	0	0
mORF_+_1996591	1996591	1996605	+	1	15	TTG	TGA	0	0
mORF_+_1996663	1996663	1996725	+	1	63	ATG	TAG	0	0
mORF_+_1996730	1996730	1996810	+	2	81	GTG	TAA	0	0
mORF_+_1996800	1996800	1996805	+	3	6	TTG	TAG	0	0
mORF_+_1996824	1996824	1996946	+	3	123	TTG	TGA	0	0
mORF_+_1996928	1996928	1996954	+	2	27	ATG	TAA	0	0
mORF_+_1996971	1996971	1997006	+	3	36	TTG	TAG	0	0
mORF_+_1997038	1997038	1997178	+	1	141	ATG	TAG	0	0
mORF_+_1997058	1997058	1997174	+	3	117	TTG	TAA	0	0
mORF_+_1997060	1997060	1997140	+	2	81	GTG	TGA	0	0
mORF_+_1997189	1997189	1997200	+	2	12	TTG	TAG	0	0
mORF_+_1997191	1997191	1997418	+	1	228	GTG	TAA	0	0
mORF_+_1997223	1997223	1997351	+	3	129	GTG	TAA	0	0
mORF_+_1997366	1997366	1997380	+	2	15	TTG	TGA	0	0
mORF_+_1997450	1997450	1997464	+	2	15	TTG	TAA	0	0
mORF_+_1997474	1997474	1997506	+	2	33	GTG	TAA	0	0
mORF_+_1997493	1997493	1997531	+	3	39	ATG	TGA	0	0
mORF_+_1997516	1997516	1997566	+	2	51	ATG	TAA	0	0
mORF_+_1997518	1997518	1997562	+	1	45	GTG	TAA	0	0
mORF_+_1997578	1997578	1997988	+	1	411	GTG	TAA	0	0
mORF_+_1997594	1997594	1997608	+	2	15	TTG	TGA	0	0
mORF_+_1997613	1997613	1997747	+	3	135	TTG	TGA	0	0
mORF_+_1997651	1997651	1998049	+	2	399	TTG	TGA	0	0
mORF_+_1997784	1997784	1997861	+	3	78	TTG	TGA	0	0
mORF_+_1997865	1997865	1997885	+	3	21	TTG	TAG	0	0
mORF_+_1997934	1997934	1998023	+	3	90	TTG	TGA	0	0
mORF_+_1998033	1998033	1998092	+	3	60	ATG	TGA	0	0
mORF_+_1998046	1998046	1998087	+	1	42	TTG	TGA	0	0
mORF_+_1998147	1998147	1998242	+	3	96	TTG	TGA	0	0
mORF_+_1998160	1998160	1998249	+	1	90	GTG	TGA	0	0
mORF_+_1998179	1998179	1998223	+	2	45	ATG	TAA	0	0
mORF_+_1998285	1998285	1998386	+	3	102	GTG	TGA	0	0
mORF_+_1998379	1998379	1998447	+	1	69	ATG	TAG	0	0
mORF_+_1998395	1998395	1998403	+	2	9	ATG	TAA	0	0
mORF_+_1998429	1998429	1998500	+	3	72	ATG	TAA	0	0
mORF_+_1998437	1998437	1998583	+	2	147	TTG	TAA	0	0
mORF_+_1998457	1998457	1998462	+	1	6	TTG	TAA	0	0

mORF+_1998588	1998588	1998596	+	3	9	ATG	TAA	0	0	
mORF+_1998597	1998597	1998662	+	3	66	TTG	TGA	0	0	
mORF+_1998677	1998677	1998688	+	2	12	TTG	TAG	0	0	
mORF+_1998689	1998689	1998817	+	2	129	ATG	TAA	0	0	
mORF+_1998807	1998807	1999010	+	3	204	TTG	TAG	1	3	pORF+_1998807
mORF+_1998838	1998838	1998945	+	1	108	ATG	TAA	0	0	
mORF+_1998854	1998854	1998940	+	2	87	TTG	TAA	0	0	
mORF+_1998968	1998968	1999018	+	2	51	ATG	TAA	0	0	
mORF+_1999018	1999018	1999074	+	1	57	ATG	TAA	0	0	
mORF+_1999034	1999034	1999051	+	2	18	GTG	TAA	0	0	
mORF+_1999076	1999076	1999099	+	2	24	GTG	TAA	0	0	
mORF+_1999113	1999113	1999148	+	3	36	GTG	TGA	0	0	
mORF+_1999139	1999139	1999144	+	2	6	GTG	TAA	0	0	
mORF+_1999191	1999191	1999214	+	3	24	TTG	TAA	0	0	
mORF+_1999257	1999257	1999322	+	3	66	ATG	TGA	0	0	
mORF+_1999298	1999298	1999306	+	2	9	TTG	TAG	0	0	
mORF+_1999322	1999322	1999444	+	2	123	ATG	TAA	0	0	
mORF+_1999344	1999344	1999379	+	3	36	ATG	TAG	0	0	
mORF+_1999398	1999398	1999424	+	3	27	TTG	TAA	0	0	
mORF+_1999467	1999467	1999607	+	3	141	GTG	TAA	0	0	
mORF+_1999496	1999496	1999630	+	2	135	TTG	TAG	0	0	
mORF+_1999504	1999504	1999581	+	1	78	TTG	TAG	0	0	
mORF+_1999609	1999609	1999614	+	1	6	TTG	TAA	0	0	
mORF+_1999615	1999615	1999656	+	1	42	ATG	TAA	0	0	
mORF+_1999665	1999665	1999739	+	3	75	ATG	TGA	0	0	
mORF+_1999729	1999729	1999818	+	1	90	ATG	TAA	0	0	
mORF+_1999736	1999736	1999807	+	2	72	GTG	TGA	0	0	
mORF+_1999834	1999834	1999875	+	1	42	ATG	TAA	0	0	
mORF+_1999847	1999847	1999894	+	2	48	ATG	TGA	0	0	
mORF+_1999887	1999887	1999973	+	3	87	GTG	TGA	0	0	
mORF+_1999891	1999891	1999899	+	1	9	GTG	TGA	0	0	
mORF+_1999951	1999951	2000007	+	1	57	GTG	TAA	0	0	
mORF+_1999967	1999967	2000065	+	2	99	TTG	TAG	0	0	
mORF+_2000032	2000032	2000046	+	1	15	GTG	TAA	0	0	
mORF+_2000094	2000094	2000177	+	3	84	TTG	TAG	0	0	
mORF+_2000181	2000181	2000213	+	3	33	TTG	TGA	0	0	
mORF+_2000210	2000210	2000251	+	2	42	ATG	TAG	0	0	
mORF+_2000288	2000288	2000596	+	2	309	TTG	TAG	0	0	
mORF+_2000335	2000335	2000484	+	1	150	TTG	TAA	0	0	
mORF+_2000373	2000373	2000381	+	3	9	ATG	TAG	0	0	
mORF+_2000421	2000421	2000555	+	3	135	TTG	TGA	0	0	
mORF+_2000562	2000562	2000600	+	3	39	TTG	TAA	0	0	
mORF+_2000654	2000654	2000773	+	2	120	TTG	TGA	0	0	
mORF+_2000661	2000661	2000672	+	3	12	TTG	TAA	0	0	
mORF+_2000679	2000679	2000726	+	3	48	ATG	TAA	0	0	
mORF+_2000745	2000745	2000795	+	3	51	TTG	TGA	0	0	
mORF+_2000792	2000792	2000896	+	2	105	GTG	TAA	0	0	
mORF+_2000799	2000799	2000804	+	3	6	TTG	TAG	0	0	
mORF+_2000817	2000817	2000879	+	3	63	TTG	TAG	0	0	
mORF+_2000921	2000921	2000935	+	2	15	GTG	TAG	0	0	
mORF+_2000970	2000970	2000984	+	3	15	TTG	TAG	0	0	
mORF+_2000999	2000999	2001247	+	2	249	GTG	TGA	0	0	
mORF+_2001045	2001045	2001056	+	3	12	TTG	TAG	0	0	
mORF+_2001180	2001180	2001236	+	3	57	TTG	TGA	0	0	
mORF+_2001332	2001332	2001445	+	2	114	GTG	TGA	0	0	
mORF+_2001458	2001458	2001490	+	2	33	ATG	TGA	0	0	
mORF+_2001572	2001572	2001589	+	2	18	TTG	TGA	0	0	
mORF+_2001586	2001586	2001660	+	1	75	TTG	TGA	0	0	
mORF+_2001590	2001590	2001766	+	2	177	GTG	TAG	0	0	
mORF+_2001624	2001624	2001632	+	3	9	GTG	TGA	0	0	
mORF+_2001657	2001657	2001722	+	3	66	TTG	TAA	0	0	
mORF+_2001760	2001760	2001822	+	1	63	TTG	TAA	0	0	
mORF+_2001832	2001832	2001852	+	1	21	TTG	TAA	0	0	

mORF_+_2001871	2001871	2001954	+	1	84	GTG	TGA	0	0	
mORF_+_2001896	2001896	2003302	+	2	1407	ATG	TAA	0	0	
mORF_+_2001951	2001951	2001986	+	3	36	TTG	TAA	0	0	
mORF_+_2002143	2002143	2002220	+	3	78	GTG	TGA	0	0	
mORF_+_2002317	2002317	2002346	+	3	30	TTG	TAA	0	0	
mORF_+_2002356	2002356	2002388	+	3	33	GTG	TAA	0	0	
mORF_+_2002416	2002416	2002469	+	3	54	GTG	TGA	0	0	
mORF_+_2002485	2002485	2002577	+	3	93	GTG	TGA	0	0	
mORF_+_2002656	2002656	2002682	+	3	27	ATG	TAA	0	0	
mORF_+_2002734	2002734	2002751	+	3	18	ATG	TAA	0	0	
mORF_+_2002791	2002791	2002871	+	3	81	ATG	TGA	0	0	
mORF_+_2002926	2002926	2002994	+	3	69	TTG	TGA	0	0	
mORF_+_2003001	2003001	2003015	+	3	15	ATG	TAG	0	0	
mORF_+_2003016	2003016	2003024	+	3	9	GTG	TGA	0	0	
mORF_+_2003025	2003025	2003078	+	3	54	TTG	TGA	0	0	
mORF_+_2003083	2003083	2003109	+	1	27	TTG	TAA	0	0	
mORF_+_2003121	2003121	2003141	+	3	21	ATG	TGA	0	0	
mORF_+_2003181	2003181	2003234	+	3	54	TTG	TAA	0	0	
mORF_+_2003327	2003327	2003737	+	2	411	ATG	TGA	0	0	
mORF_+_2003355	2003355	2003384	+	3	30	ATG	TAA	0	0	
mORF_+_2003421	2003421	2003435	+	3	15	TTG	TGA	0	0	
mORF_+_2003520	2003520	2003540	+	3	21	TTG	TGA	0	0	
mORF_+_2003544	2003544	2003570	+	3	27	TTG	TAA	0	0	
mORF_+_2003583	2003583	2003669	+	3	87	TTG	TAA	0	0	
mORF_+_2003679	2003679	2003720	+	3	42	TTG	TGA	0	0	
mORF_+_2003737	2003737	2004102	+	1	366	ATG	TGA	0	0	
mORF_+_2003744	2003744	2003860	+	2	117	ATG	TGA	0	0	
mORF_+_2003823	2003823	2003891	+	3	69	ATG	TGA	0	0	
mORF_+_2003861	2003861	2003887	+	2	27	ATG	TGA	0	0	
mORF_+_2003897	2003897	2003947	+	2	51	TTG	TGA	0	0	
mORF_+_2003996	2003996	2004046	+	2	51	ATG	TAA	0	0	
mORF_+_2004047	2004047	2004112	+	2	66	GTG	TGA	0	0	
mORF_+_2004099	2004099	2004131	+	3	33	TTG	TAA	0	0	
mORF_+_2004109	2004109	2004372	+	1	264	ATG	TAG	0	0	
mORF_+_2004167	2004167	2004187	+	2	21	ATG	TAA	0	0	
mORF_+_2004180	2004180	2005667	+	3	1488	ATG	TAA	7	20	pORF_+_2004180
mORF_+_2004203	2004203	2004235	+	2	33	ATG	TAA	0	0	
mORF_+_2004379	2004379	2004450	+	1	72	TTG	TGA	0	0	
mORF_+_2004457	2004457	2004486	+	1	30	ATG	TAG	0	0	
mORF_+_2004508	2004508	2004540	+	1	33	ATG	TAA	0	0	
mORF_+_2004541	2004541	2004762	+	1	222	ATG	TAG	0	0	
mORF_+_2004581	2004581	2004586	+	2	6	GTG	TGA	0	0	
mORF_+_2004653	2004653	2004661	+	2	9	ATG	TAG	0	0	
mORF_+_2004808	2004808	2004816	+	1	9	ATG	TGA	0	0	
mORF_+_2004863	2004863	2004883	+	2	21	ATG	TGA	0	0	
mORF_+_2004880	2004880	2005062	+	1	183	TTG	TGA	0	0	
mORF_+_2004920	2004920	2004988	+	2	69	GTG	TGA	0	0	
mORF_+_2005069	2005069	2005104	+	1	36	ATG	TGA	0	0	
mORF_+_2005162	2005162	2005242	+	1	81	TTG	TAA	0	0	
mORF_+_2005214	2005214	2005222	+	2	9	GTG	TAA	0	0	
mORF_+_2005258	2005258	2005341	+	1	84	ATG	TAG	0	0	
mORF_+_2005363	2005363	2005374	+	1	12	TTG	TAA	0	0	
mORF_+_2005402	2005402	2005587	+	1	186	GTG	TAG	0	0	
mORF_+_2005619	2005619	2005846	+	2	228	TTG	TAA	0	0	
mORF_+_2005798	2005798	2005911	+	1	114	ATG	TGA	0	0	
mORF_+_2005871	2005871	2005939	+	2	69	ATG	TAG	0	0	
mORF_+_2005939	2005939	2006007	+	1	69	GTG	TAG	0	0	
mORF_+_2005983	2005983	2006204	+	3	222	TTG	TAA	0	0	
mORF_+_2006044	2006044	2006052	+	1	9	TTG	TAG	0	0	
mORF_+_2006099	2006099	2006155	+	2	57	TTG	TAA	0	0	
mORF_+_2006146	2006146	2006163	+	1	18	GTG	TGA	0	0	
mORF_+_2006214	2006214	2006219	+	3	6	TTG	TGA	0	0	
mORF_+_2006216	2006216	2006338	+	2	123	GTG	TAA	0	0	

mORF+_2006241	2006241	2006255	+	3	15	TTG	TGA	0	0	
mORF+_2006245	2006245	2006283	+	1	39	ATG	TGA	0	0	
mORF+_2006301	2006301	2007506	+	3	1206	ATG	TGA	0	0	
mORF+_2006395	2006395	2006529	+	1	135	TTG	TAA	0	0	
mORF+_2006414	2006414	2006431	+	2	18	TTG	TGA	0	0	
mORF+_2006441	2006441	2006482	+	2	42	TTG	TGA	0	0	
mORF+_2006486	2006486	2006500	+	2	15	GTG	TAA	0	0	
mORF+_2006563	2006563	2006826	+	1	264	TTG	TGA	0	0	
mORF+_2006588	2006588	2006698	+	2	111	GTG	TAA	0	0	
mORF+_2006777	2006777	2007007	+	2	231	ATG	TGA	0	0	
mORF+_2006980	2006980	2007003	+	1	24	TTG	TGA	0	0	
mORF+_2007004	2007004	2007102	+	1	99	TTG	TGA	0	0	
mORF+_2007047	2007047	2007142	+	2	96	GTG	TGA	0	0	
mORF+_2007103	2007103	2007135	+	1	33	GTG	TAG	0	0	
mORF+_2007139	2007139	2007177	+	1	39	TTG	TAA	0	0	
mORF+_2007155	2007155	2007328	+	2	174	GTG	TGA	0	0	
mORF+_2007178	2007178	2007252	+	1	75	TTG	TAG	0	0	
mORF+_2007289	2007289	2007294	+	1	6	ATG	TGA	0	0	
mORF+_2007325	2007325	2007375	+	1	51	ATG	TGA	0	0	
mORF+_2007382	2007382	2007408	+	1	27	TTG	TGA	0	0	
mORF+_2007424	2007424	2007435	+	1	12	TTG	TGA	0	0	
mORF+_2007472	2007472	2007522	+	1	51	GTG	TGA	0	0	
mORF+_2007503	2007503	2007736	+	2	234	ATG	TAA	6	79	pORF+_2007503
mORF+_2007531	2007531	2007596	+	3	66	TTG	TAA	0	0	
mORF+_2007660	2007660	2007725	+	3	66	ATG	TAA	0	0	
mORF+_2007752	2007752	2007829	+	2	78	GTG	TGA	0	0	
mORF+_2007780	2007780	2008064	+	3	285	TTG	TGA	0	0	
mORF+_2007826	2007826	2007879	+	1	54	ATG	TGA	0	0	
mORF+_2007845	2007845	2008513	+	2	669	ATG	TGA	0	0	
mORF+_2008042	2008042	2008053	+	1	12	ATG	TAA	0	0	
mORF+_2008122	2008122	2008238	+	3	117	ATG	TAG	0	0	
mORF+_2008159	2008159	2008209	+	1	51	GTG	TGA	0	0	
mORF+_2008251	2008251	2008283	+	3	33	TTG	TGA	0	0	
mORF+_2008323	2008323	2008499	+	3	177	ATG	TAA	0	0	
mORF+_2008366	2008366	2008386	+	1	21	ATG	TAG	0	0	
mORF+_2008510	2008510	2008566	+	1	57	TTG	TAG	0	0	
mORF+_2008529	2008529	2008552	+	2	24	TTG	TAA	0	0	
mORF+_2008586	2008586	2008675	+	2	90	TTG	TAG	0	0	
mORF+_2008594	2008594	2008605	+	1	12	TTG	TAA	0	0	
mORF+_2008624	2008624	2009103	+	1	480	ATG	TGA	0	0	
mORF+_2008727	2008727	2008735	+	2	9	ATG	TAG	0	0	
mORF+_2008736	2008736	2008765	+	2	30	ATG	TGA	0	0	
mORF+_2008779	2008779	2008829	+	3	51	ATG	TGA	0	0	
mORF+_2008805	2008805	2008816	+	2	12	TTG	TGA	0	0	
mORF+_2008826	2008826	2008846	+	2	21	ATG	TGA	0	0	
mORF+_2008880	2008880	2008897	+	2	18	GTG	TGA	0	0	
mORF+_2008932	2008932	2009018	+	3	87	ATG	TGA	0	0	
mORF+_2009006	2009006	2009074	+	2	69	ATG	TGA	0	0	
mORF+_2009019	2009019	2009036	+	3	18	TTG	TGA	0	0	
mORF+_2009079	2009079	2009090	+	3	12	ATG	TAA	0	0	
mORF+_2009090	2009090	2009221	+	2	132	ATG	TGA	0	0	
mORF+_2009100	2009100	2009240	+	3	141	ATG	TAA	0	0	
mORF+_2009122	2009122	2009178	+	1	57	TTG	TAG	0	0	
mORF+_2009218	2009218	2009250	+	1	33	GTG	TAA	0	0	
mORF+_2009260	2009260	2009316	+	1	57	ATG	TAA	0	0	
mORF+_2009381	2009381	2009389	+	2	9	ATG	TAA	0	0	
mORF+_2009392	2009392	2009421	+	1	30	ATG	TAA	0	0	
mORF+_2009436	2009436	2009495	+	3	60	TTG	TGA	0	0	
mORF+_2009479	2009479	2009541	+	1	63	GTG	TAA	0	0	
mORF+_2009492	2009492	2009617	+	2	126	ATG	TGA	0	0	
mORF+_2009563	2009563	2009598	+	1	36	TTG	TAG	0	0	
mORF+_2009586	2009586	2009594	+	3	9	TTG	TAA	0	0	
mORF+_2009602	2009602	2009610	+	1	9	TTG	TAG	0	0	

mORF_+_2009614	2009614	2009670	+	1	57	TTG	TAA	0	0	
mORF_+_2009686	2009686	2009709	+	1	24	TTG	TGA	0	0	
mORF_+_2009706	2009706	2009768	+	3	63	TTG	TGA	0	0	
mORF_+_2009744	2009744	2009833	+	2	90	TTG	TAA	0	0	
mORF_+_2009749	2009749	2009868	+	1	120	TTG	TAA	0	0	
mORF_+_2009847	2009847	2010062	+	3	216	TTG	TGA	0	0	
mORF_+_2009849	2009849	2009932	+	2	84	GTG	TGA	0	0	
mORF_+_2009881	2009881	2009904	+	1	24	ATG	TGA	0	0	
mORF_+_2009914	2009914	2009937	+	1	24	ATG	TAG	0	0	
mORF_+_2010032	2010032	2010097	+	2	66	ATG	TAA	0	0	
mORF_+_2010043	2010043	2010150	+	1	108	GTG	TGA	0	0	
mORF_+_2010151	2010151	2010159	+	1	9	GTG	TAA	0	0	
mORF_+_2010188	2010188	2010334	+	2	147	TTG	TGA	0	0	
mORF_+_2010204	2010204	2010212	+	3	9	TTG	TAA	0	0	
mORF_+_2010246	2010246	2010263	+	3	18	TTG	TGA	0	0	
mORF_+_2010264	2010264	2010302	+	3	39	TTG	TAG	0	0	
mORF_+_2010286	2010286	2010330	+	1	45	ATG	TAA	0	0	
mORF_+_2010315	2010315	2010320	+	3	6	ATG	TGA	0	0	
mORF_+_2010331	2010331	2010351	+	1	21	TTG	TAA	0	0	
mORF_+_2010366	2010366	2010476	+	3	111	ATG	TGA	0	0	
mORF_+_2010401	2010401	2010430	+	2	30	TTG	TAA	0	0	
mORF_+_2010473	2010473	2010499	+	2	27	ATG	TAA	0	0	
mORF_+_2010518	2010518	2010535	+	2	18	TTG	TAA	0	0	
mORF_+_2010526	2010526	2010804	+	1	279	GTG	TGA	0	0	
mORF_+_2010555	2010555	2010575	+	3	21	GTG	TGA	0	0	
mORF_+_2010575	2010575	2010646	+	2	72	ATG	TAA	0	0	
mORF_+_2010606	2010606	2010662	+	3	57	GTG	TGA	0	0	
mORF_+_2010659	2010659	2010691	+	2	33	GTG	TGA	0	0	
mORF_+_2010698	2010698	2010703	+	2	6	ATG	TAA	0	0	
mORF_+_2010734	2010734	2010751	+	2	18	ATG	TGA	0	0	
mORF_+_2010811	2010811	2010837	+	1	27	TTG	TAA	0	0	
mORF_+_2010860	2010860	2011081	+	2	222	GTG	TAA	0	0	
mORF_+_2010892	2010892	2010963	+	1	72	TTG	TGA	0	0	
mORF_+_2010894	2010894	2010905	+	3	12	GTG	TAA	0	0	
mORF_+_2010960	2010960	2010992	+	3	33	GTG	TAG	0	0	
mORF_+_2011127	2011127	2011159	+	2	33	TTG	TAA	0	0	
mORF_+_2011159	2011159	2011188	+	1	30	ATG	TGA	0	0	
mORF_+_2011182	2011182	2011199	+	3	18	TTG	TGA	0	0	
mORF_+_2011196	2011196	2011222	+	2	27	GTG	TAA	0	0	
mORF_+_2011203	2011203	2011256	+	3	54	TTG	TGA	0	0	
mORF_+_2011213	2011213	2011287	+	1	75	TTG	TGA	0	0	
mORF_+_2011253	2011253	2012911	+	2	1659	ATG	TAA	4	8	pORF_+_2011253
mORF_+_2011257	2011257	2011328	+	3	72	ATG	TGA	0	0	
mORF_+_2011288	2011288	2011296	+	1	9	GTG	TAA	0	0	
mORF_+_2011329	2011329	2011370	+	3	42	TTG	TGA	0	0	
mORF_+_2011375	2011375	2011503	+	1	129	GTG	TGA	0	0	
mORF_+_2011428	2011428	2011454	+	3	27	ATG	TGA	0	0	
mORF_+_2011500	2011500	2011634	+	3	135	TTG	TGA	0	0	
mORF_+_2011743	2011743	2011772	+	3	30	GTG	TGA	0	0	
mORF_+_2011803	2011803	2011904	+	3	102	ATG	TAA	0	0	
mORF_+_2011935	2011935	2011949	+	3	15	ATG	TGA	0	0	
mORF_+_2011953	2011953	2012360	+	3	408	ATG	TGA	0	0	
mORF_+_2012370	2012370	2012402	+	3	33	ATG	TGA	0	0	
mORF_+_2012421	2012421	2012456	+	3	36	ATG	TGA	0	0	
mORF_+_2012463	2012463	2012474	+	3	12	TTG	TGA	0	0	
mORF_+_2012508	2012508	2012681	+	3	174	GTG	TAA	0	0	
mORF_+_2012644	2012644	2012694	+	1	51	GTG	TGA	0	0	
mORF_+_2012745	2012745	2012765	+	3	21	ATG	TGA	0	0	
mORF_+_2012838	2012838	2012894	+	3	57	GTG	TAA	0	0	
mORF_+_2012887	2012887	2012898	+	1	12	GTG	TAA	0	0	
mORF_+_2012904	2012904	2013899	+	3	996	ATG	TGA	4	14	pORF_+_2012904
mORF_+_2012953	2012953	2013015	+	1	63	TTG	TGA	0	0	
mORF_+_2013064	2013064	2013111	+	1	48	ATG	TGA	0	0	

mORF_+_2013160	2013160	2013267	+	1	108	GTG	TGA	0	0	
mORF_+_2013274	2013274	2013315	+	1	42	ATG	TGA	0	0	
mORF_+_2013352	2013352	2013375	+	1	24	ATG	TGA	0	0	
mORF_+_2013394	2013394	2013429	+	1	36	TTG	TGA	0	0	
mORF_+_2013442	2013442	2013492	+	1	51	ATG	TGA	0	0	
mORF_+_2013559	2013559	2013684	+	1	126	GTG	TGA	0	0	
mORF_+_2013745	2013745	2013834	+	1	90	GTG	TGA	0	0	
mORF_+_2013835	2013835	2013870	+	1	36	TTG	TAA	0	0	
mORF_+_2013871	2013871	2014578	+	1	708	TTG	TAA	2	4	pORF_+_2013871
mORF_+_2013909	2013909	2013992	+	3	84	GTG	TGA	0	0	
mORF_+_2013956	2013956	2013967	+	2	12	TTG	TAG	0	0	
mORF_+_2013989	2013989	2014237	+	2	249	TTG	TGA	0	0	
mORF_+_2014394	2014394	2014435	+	2	42	ATG	TAA	0	0	
mORF_+_2014442	2014442	2014618	+	2	177	ATG	TAA	0	0	
mORF_+_2014578	2014578	2015951	+	3	1374	ATG	TAA	2	3	pORF_+_2014578
mORF_+_2014621	2014621	2014671	+	1	51	TTG	TAA	0	0	
mORF_+_2014732	2014732	2014773	+	1	42	GTG	TAG	0	0	
mORF_+_2014786	2014786	2014815	+	1	30	TTG	TAA	0	0	
mORF_+_2014837	2014837	2014929	+	1	93	GTG	TAG	0	0	
mORF_+_2014963	2014963	2015004	+	1	42	ATG	TGA	0	0	
mORF_+_2015041	2015041	2015160	+	1	120	TTG	TGA	0	0	
mORF_+_2015182	2015182	2015202	+	1	21	ATG	TGA	0	0	
mORF_+_2015203	2015203	2015226	+	1	24	TTG	TAA	0	0	
mORF_+_2015236	2015236	2015280	+	1	45	TTG	TGA	0	0	
mORF_+_2015281	2015281	2015385	+	1	105	TTG	TGA	0	0	
mORF_+_2015422	2015422	2015706	+	1	285	GTG	TGA	0	0	
mORF_+_2015719	2015719	2016000	+	1	282	GTG	TGA	0	0	
mORF_+_2015849	2015849	2015890	+	2	42	GTG	TGA	0	0	
mORF_+_2015970	2015970	2016413	+	3	444	ATG	TGA	0	0	
mORF_+_2016028	2016028	2016096	+	1	69	ATG	TGA	0	0	
mORF_+_2016062	2016062	2016100	+	2	39	ATG	TGA	0	0	
mORF_+_2016097	2016097	2016141	+	1	45	TTG	TGA	0	0	
mORF_+_2016142	2016142	2016153	+	1	12	GTG	TAA	0	0	
mORF_+_2016236	2016236	2016253	+	2	18	GTG	TGA	0	0	
mORF_+_2016250	2016250	2016264	+	1	15	TTG	TGA	0	0	
mORF_+_2016269	2016269	2016376	+	2	108	TTG	TGA	0	0	
mORF_+_2016340	2016340	2016399	+	1	60	TTG	TGA	0	0	
mORF_+_2016410	2016410	2017537	+	2	1128	ATG	TAA	0	0	
mORF_+_2016444	2016444	2016509	+	3	66	TTG	TGA	0	0	
mORF_+_2016612	2016612	2016644	+	3	33	TTG	TGA	0	0	
mORF_+_2016654	2016654	2016704	+	3	51	ATG	TAA	0	0	
mORF_+_2016771	2016771	2016779	+	3	9	ATG	TGA	0	0	
mORF_+_2016780	2016780	2016803	+	3	24	ATG	TGA	0	0	
mORF_+_2016813	2016813	2016851	+	3	39	TTG	TGA	0	0	
mORF_+_2016855	2016855	2016908	+	3	54	ATG	TGA	0	0	
mORF_+_2016939	2016939	2016971	+	3	33	ATG	TAA	0	0	
mORF_+_2017104	2017104	2017142	+	3	39	GTG	TAA	0	0	
mORF_+_2017126	2017126	2017218	+	1	93	ATG	TGA	0	0	
mORF_+_2017182	2017182	2017214	+	3	33	GTG	TAG	0	0	
mORF_+_2017215	2017215	2017355	+	3	141	GTG	TAG	0	0	
mORF_+_2017371	2017371	2017505	+	3	135	GTG	TAA	0	0	
mORF_+_2017521	2017521	2017601	+	3	81	TTG	TAA	0	0	
mORF_+_2017577	2017577	2017612	+	2	36	TTG	TAA	0	0	
mORF_+_2017642	2017642	2018106	+	1	465	ATG	TAA	1	10	pORF_+_2017642
mORF_+_2017683	2017683	2017769	+	3	87	TTG	TGA	0	0	
mORF_+_2017721	2017721	2017873	+	2	153	GTG	TAA	0	0	
mORF_+_2017889	2017889	2017912	+	2	24	ATG	TGA	0	0	
mORF_+_2017913	2017913	2018008	+	2	96	GTG	TGA	0	0	
mORF_+_2018009	2018009	2019115	+	2	1107	TTG	TGA	0	0	
mORF_+_2018142	2018142	2018156	+	3	15	TTG	TGA	0	0	
mORF_+_2018157	2018157	2018348	+	3	192	ATG	TAA	0	0	
mORF_+_2018379	2018379	2018417	+	3	39	ATG	TGA	0	0	
mORF_+_2018502	2018502	2018585	+	3	84	TTG	TGA	0	0	

mORF_+_2018595	2018595	2018669	+	3	75	TTG	TGA	0	0	
mORF_+_2018703	2018703	2018744	+	3	42	TTG	TGA	0	0	
mORF_+_2018832	2018832	2018939	+	3	108	ATG	TAA	0	0	
mORF_+_2018994	2018994	2019017	+	3	24	ATG	TGA	0	0	
mORF_+_2019027	2019027	2019062	+	3	36	ATG	TAG	0	0	
mORF_+_2019112	2019112	2019525	+	1	414	ATG	TAG	3	12	pORF_+_2019112
mORF_+_2019116	2019116	2019124	+	2	9	GTG	TGA	0	0	
mORF_+_2019137	2019137	2019181	+	2	45	ATG	TGA	0	0	
mORF_+_2019165	2019165	2019173	+	3	9	GTG	TGA	0	0	
mORF_+_2019236	2019236	2019280	+	2	45	TTG	TGA	0	0	
mORF_+_2019452	2019452	2019517	+	2	66	TTG	TGA	0	0	
mORF_+_2019525	2019525	2019893	+	3	369	GTG	TGA	0	0	
mORF_+_2019613	2019613	2019621	+	1	9	TTG	TGA	0	0	
mORF_+_2019658	2019658	2019690	+	1	33	TTG	TGA	0	0	
mORF_+_2019703	2019703	2019861	+	1	159	GTG	TGA	0	0	
mORF_+_2019893	2019893	2020630	+	2	738	ATG	TAG	0	0	
mORF_+_2019993	2019993	2020046	+	3	54	GTG	TGA	0	0	
mORF_+_2020098	2020098	2020181	+	3	84	TTG	TGA	0	0	
mORF_+_2020218	2020218	2020223	+	3	6	ATG	TAG	0	0	
mORF_+_2020224	2020224	2020334	+	3	111	ATG	TAG	0	0	
mORF_+_2020341	2020341	2020418	+	3	78	TTG	TGA	0	0	
mORF_+_2020542	2020542	2020562	+	3	21	TTG	TGA	0	0	
mORF_+_2020569	2020569	2020643	+	3	75	TTG	TGA	0	0	
mORF_+_2020640	2020640	2020909	+	2	270	ATG	TAG	0	0	
mORF_+_2020830	2020830	2021702	+	3	873	TTG	TAA	0	0	
mORF_+_2020840	2020840	2020887	+	1	48	GTG	TAA	0	0	
mORF_+_2020940	2020940	2021278	+	2	339	ATG	TAA	0	0	
mORF_+_2021077	2021077	2021154	+	1	78	TTG	TGA	0	0	
mORF_+_2021161	2021161	2021292	+	1	132	TTG	TAG	0	0	
mORF_+_2021348	2021348	2021461	+	2	114	ATG	TAA	0	0	
mORF_+_2021392	2021392	2021409	+	1	18	TTG	TGA	0	0	
mORF_+_2021416	2021416	2021451	+	1	36	ATG	TGA	0	0	
mORF_+_2021557	2021557	2021577	+	1	21	TTG	TAA	0	0	
mORF_+_2021623	2021623	2021697	+	1	75	TTG	TAA	0	0	
mORF_+_2021633	2021633	2021653	+	2	21	TTG	TGA	0	0	
mORF_+_2021719	2021719	2021730	+	1	12	ATG	TAA	0	0	
mORF_+_2021790	2021790	2021798	+	3	9	TTG	TAA	0	0	
mORF_+_2021899	2021899	2021910	+	1	12	GTG	TAG	0	0	
mORF_+_2021911	2021911	2021955	+	1	45	GTG	TAA	0	0	
mORF_+_2021918	2021918	2022034	+	2	117	ATG	TAG	0	0	
mORF_+_2021979	2021979	2022020	+	3	42	GTG	TAG	0	0	
mORF_+_2021992	2021992	2022615	+	1	624	ATG	TAA	1	3	pORF_+_2021992
mORF_+_2022089	2022089	2022115	+	2	27	TTG	TAG	0	0	
mORF_+_2022117	2022117	2022122	+	3	6	TTG	TGA	0	0	
mORF_+_2022119	2022119	2022298	+	2	180	GTG	TGA	0	0	
mORF_+_2022341	2022341	2022355	+	2	15	TTG	TGA	0	0	
mORF_+_2022435	2022435	2022470	+	3	36	GTG	TGA	0	0	
mORF_+_2022560	2022560	2022574	+	2	15	ATG	TGA	0	0	
mORF_+_2022581	2022581	2022586	+	2	6	ATG	TGA	0	0	
mORF_+_2022590	2022590	2022625	+	2	36	ATG	TGA	0	0	
mORF_+_2022629	2022629	2022652	+	2	24	GTG	TGA	0	0	
mORF_+_2022692	2022692	2022967	+	2	276	ATG	TAA	0	0	
mORF_+_2022717	2022717	2022731	+	3	15	ATG	TAG	0	0	
mORF_+_2022754	2022754	2022768	+	1	15	TTG	TAA	0	0	
mORF_+_2022756	2022756	2022947	+	3	192	GTG	TAA	0	0	
mORF_+_2022868	2022868	2022879	+	1	12	GTG	TAG	0	0	
mORF_+_2022951	2022951	2023010	+	3	60	ATG	TGA	0	0	
mORF_+_2022995	2022995	2023237	+	2	243	TTG	TGA	5	61	pORF_+_2022995
mORF_+_2023047	2023047	2023229	+	3	183	GTG	TGA	0	0	
mORF_+_2023168	2023168	2023176	+	1	9	ATG	TGA	0	0	
mORF_+_2023234	2023234	2023248	+	1	15	TTG	TAA	0	0	
mORF_+_2023238	2023238	2023279	+	2	42	ATG	TGA	0	0	
mORF_+_2023276	2023276	2023290	+	1	15	ATG	TAA	0	0	

mORF_+_2023283	2023283	2023393	+	2	111	TTG	TGA	0	0	
mORF_+_2023333	2023333	2023389	+	1	57	GTG	TGA	0	0	
mORF_+_2023386	2023386	2023397	+	3	12	ATG	TAA	0	0	
mORF_+_2023390	2023390	2023413	+	1	24	ATG	TAG	0	0	
mORF_+_2023406	2023406	2023483	+	2	78	ATG	TGA	0	0	
mORF_+_2023416	2023416	2023421	+	3	6	ATG	TGA	0	0	
mORF_+_2023435	2023435	2023569	+	1	135	TTG	TAG	0	0	
mORF_+_2023488	2023488	2023739	+	3	252	TTG	TGA	0	0	
mORF_+_2023490	2023490	2023501	+	2	12	GTG	TGA	0	0	
mORF_+_2023535	2023535	2024350	+	2	816	ATG	TAA	6	44	pORF_+_2023535
mORF_+_2023740	2023740	2023760	+	3	21	TTG	TGA	0	0	
mORF_+_2023767	2023767	2023790	+	3	24	TTG	TAG	0	0	
mORF_+_2023777	2023777	2023821	+	1	45	ATG	TAG	0	0	
mORF_+_2023824	2023824	2023847	+	3	24	ATG	TAA	0	0	
mORF_+_2023887	2023887	2023931	+	3	45	TTG	TAA	0	0	
mORF_+_2023918	2023918	2023938	+	1	21	ATG	TAG	0	0	
mORF_+_2023962	2023962	2023976	+	3	15	ATG	TAA	0	0	
mORF_+_2023995	2023995	2024030	+	3	36	GTG	TGA	0	0	
mORF_+_2024058	2024058	2024207	+	3	150	GTG	TAA	0	0	
mORF_+_2024223	2024223	2024228	+	3	6	TTG	TGA	0	0	
mORF_+_2024241	2024241	2024393	+	3	153	GTG	TAG	0	0	
mORF_+_2024311	2024311	2024319	+	1	9	ATG	TGA	0	0	
mORF_+_2024418	2024418	2024486	+	3	69	GTG	TGA	0	0	
mORF_+_2024428	2024428	2024532	+	1	105	TTG	TAA	0	0	
mORF_+_2024486	2024486	2024671	+	2	186	ATG	TGA	0	0	
mORF_+_2024668	2024668	2024826	+	1	159	ATG	TAA	0	0	
mORF_+_2024744	2024744	2024773	+	2	30	ATG	TGA	0	0	
mORF_+_2024808	2024808	2024891	+	3	84	GTG	TAA	0	0	
mORF_+_2024837	2024837	2025061	+	2	225	GTG	TAG	0	0	
mORF_+_2024842	2024842	2024925	+	1	84	GTG	TAA	0	0	
mORF_+_2024958	2024958	2024969	+	3	12	ATG	TGA	0	0	
mORF_+_2025007	2025007	2025243	+	1	237	ATG	TAA	0	0	
mORF_+_2025077	2025077	2025199	+	2	123	ATG	TAG	0	0	
mORF_+_2025102	2025102	2025257	+	3	156	TTG	TAG	0	0	
mORF_+_2025230	2025230	2025298	+	2	69	ATG	TAG	0	0	
mORF_+_2025247	2025247	2025408	+	1	162	TTG	TGA	0	0	
mORF_+_2025344	2025344	2025391	+	2	48	TTG	TGA	0	0	
mORF_+_2025405	2025405	2025419	+	3	15	GTG	TAA	0	0	
mORF_+_2025409	2025409	2025555	+	1	147	ATG	TAG	0	0	
mORF_+_2025431	2025431	2025439	+	2	9	GTG	TAG	0	0	
mORF_+_2025453	2025453	2025470	+	3	18	TTG	TAA	0	0	
mORF_+_2025461	2025461	2025496	+	2	36	TTG	TAA	0	0	
mORF_+_2025545	2025545	2025568	+	2	24	TTG	TAA	0	0	
mORF_+_2025579	2025579	2025590	+	3	12	GTG	TAA	0	0	
mORF_+_2025596	2025596	2025868	+	2	273	TTG	TGA	0	0	
mORF_+_2025645	2025645	2025665	+	3	21	ATG	TAA	0	0	
mORF_+_2025706	2025706	2025801	+	1	96	GTG	TAA	0	0	
mORF_+_2025765	2025765	2025923	+	3	159	GTG	TGA	0	0	
mORF_+_2025832	2025832	2026071	+	1	240	ATG	TGA	0	0	
mORF_+_2025920	2025920	2025973	+	2	54	GTG	TGA	0	0	
mORF_+_2025990	2025990	2026046	+	3	57	GTG	TGA	0	0	
mORF_+_2026068	2026068	2026082	+	3	15	ATG	TAA	0	0	
mORF_+_2026122	2026122	2026133	+	3	12	ATG	TGA	0	0	
mORF_+_2026130	2026130	2026195	+	2	66	ATG	TGA	0	0	
mORF_+_2026180	2026180	2026185	+	1	6	ATG	TGA	0	0	
mORF_+_2026182	2026182	2026433	+	3	252	GTG	TAG	0	0	
mORF_+_2026195	2026195	2026266	+	1	72	ATG	TGA	0	0	
mORF_+_2026279	2026279	2026290	+	1	12	TTG	TAA	0	0	
mORF_+_2026333	2026333	2026437	+	1	105	GTG	TGA	0	0	
mORF_+_2026421	2026421	2026537	+	2	117	TTG	TGA	0	0	
mORF_+_2026434	2026434	2026457	+	3	24	TTG	TAA	0	0	
mORF_+_2026450	2026450	2026476	+	1	27	TTG	TAA	0	0	
mORF_+_2026464	2026464	2026559	+	3	96	GTG	TAA	0	0	

mORF_+_2026525	2026525	2026623	+	1	99	ATG	TGA	0	0
mORF_+_2026593	2026593	2026697	+	3	105	TTG	TAA	0	0
mORF_+_2026681	2026681	2026824	+	1	144	GTG	TAG	0	0
mORF_+_2026742	2026742	2026801	+	2	60	ATG	TAA	0	0
mORF_+_2026849	2026849	2026872	+	1	24	ATG	TGA	0	0
mORF_+_2026906	2026906	2027412	+	1	507	GTG	TGA	0	0
mORF_+_2027040	2027040	2027246	+	3	207	ATG	TGA	0	0
mORF_+_2027250	2027250	2027270	+	3	21	TTG	TAA	0	0
mORF_+_2027339	2027339	2027674	+	2	336	GTG	TAA	0	0
mORF_+_2027406	2027406	2027447	+	3	42	TTG	TGA	0	0
mORF_+_2027416	2027416	2027421	+	1	6	GTG	TAA	0	0
mORF_+_2027451	2027451	2027477	+	3	27	TTG	TAA	0	0
mORF_+_2027485	2027485	2027514	+	1	30	GTG	TGA	0	0
mORF_+_2027511	2027511	2027810	+	3	300	ATG	TAA	0	0
mORF_+_2027563	2027563	2028483	+	1	921	ATG	TAA	0	0
mORF_+_2027771	2027771	2027782	+	2	12	ATG	TGA	0	0
mORF_+_2027783	2027783	2027821	+	2	39	TTG	TGA	0	0
mORF_+_2027825	2027825	2027866	+	2	42	TTG	TAG	0	0
mORF_+_2027870	2027870	2027998	+	2	129	TTG	TAA	0	0
mORF_+_2027895	2027895	2027921	+	3	27	GTG	TAA	0	0
mORF_+_2027937	2027937	2027984	+	3	48	ATG	TAG	0	0
mORF_+_2028009	2028009	2028044	+	3	36	GTG	TAG	0	0
mORF_+_2028053	2028053	2028091	+	2	39	TTG	TAG	0	0
mORF_+_2028104	2028104	2028139	+	2	36	GTG	TAA	0	0
mORF_+_2028155	2028155	2028172	+	2	18	TTG	TGA	0	0
mORF_+_2028200	2028200	2028262	+	2	63	TTG	TAA	0	0
mORF_+_2028269	2028269	2028388	+	2	120	ATG	TAA	0	0
mORF_+_2028369	2028369	2028554	+	3	186	ATG	TAA	0	0
mORF_+_2028389	2028389	2028448	+	2	60	TTG	TAG	0	0
mORF_+_2028449	2028449	2028487	+	2	39	TTG	TGA	0	0
mORF_+_2028484	2028484	2028588	+	1	105	ATG	TAA	0	0
mORF_+_2028497	2028497	2028724	+	2	228	GTG	TAG	0	0
mORF_+_2028727	2028727	2028849	+	1	123	GTG	TAA	0	0
mORF_+_2028828	2028828	2028959	+	3	132	ATG	TGA	0	0
mORF_+_2028887	2028887	2028931	+	2	45	GTG	TGA	0	0
mORF_+_2028928	2028928	2028981	+	1	54	GTG	TGA	0	0
mORF_+_2028941	2028941	2029114	+	2	174	ATG	TAA	0	0
mORF_+_2028978	2028978	2029052	+	3	75	TTG	TAG	0	0
mORF_+_2028985	2028985	2029266	+	1	282	TTG	TGA	0	0
mORF_+_2029059	2029059	2029160	+	3	102	GTG	TGA	0	0
mORF_+_2029151	2029151	2029219	+	2	69	ATG	TAA	0	0
mORF_+_2029191	2029191	2029241	+	3	51	GTG	TAA	0	0
mORF_+_2029263	2029263	2029289	+	3	27	GTG	TAA	0	0
mORF_+_2029271	2029271	2029831	+	2	561	TTG	TAA	0	0
mORF_+_2029506	2029506	2029595	+	3	90	ATG	TAG	0	0
mORF_+_2029617	2029617	2029649	+	3	33	ATG	TGA	0	0
mORF_+_2029662	2029662	2029811	+	3	150	TTG	TGA	0	0
mORF_+_2029804	2029804	2029905	+	1	102	ATG	TGA	0	0
mORF_+_2029838	2029838	2030068	+	2	231	GTG	TAG	0	0
mORF_+_2029848	2029848	2029856	+	3	9	ATG	TGA	0	0
mORF_+_2029908	2029908	2029937	+	3	30	GTG	TGA	0	0
mORF_+_2029962	2029962	2029973	+	3	12	TTG	TAA	0	0
mORF_+_2029974	2029974	2030090	+	3	117	GTG	TAA	0	0
mORF_+_2030090	2030090	2030119	+	2	30	ATG	TAA	0	0
mORF_+_2030101	2030101	2030232	+	1	132	GTG	TAA	0	0
mORF_+_2030112	2030112	2030213	+	3	102	TTG	TGA	0	0
mORF_+_2030126	2030126	2030155	+	2	30	TTG	TAA	0	0
mORF_+_2030159	2030159	2030194	+	2	36	GTG	TAA	0	0
mORF_+_2030210	2030210	2030314	+	2	105	GTG	TGA	0	0
mORF_+_2030284	2030284	2030343	+	1	60	TTG	TAG	0	0
mORF_+_2030304	2030304	2030378	+	3	75	GTG	TAA	0	0
mORF_+_2030363	2030363	2030383	+	2	21	ATG	TAA	0	0
mORF_+_2030419	2030419	2030481	+	1	63	ATG	TGA	0	0

mORF_+_2030439	2030439	2030444	+	3	6	TTG	TGA	0	0	
mORF_+_2030441	2030441	2030503	+	2	63	GTG	TAA	0	0	
mORF_+_2030507	2030507	2030563	+	2	57	ATG	TAG	0	0	
mORF_+_2030514	2030514	2030588	+	3	75	TTG	TGA	0	0	
mORF_+_2030539	2030539	2030577	+	1	39	TTG	TAG	0	0	
mORF_+_2030585	2030585	2030674	+	2	90	ATG	TGA	0	0	
mORF_+_2030626	2030626	2030745	+	1	120	GTG	TAG	0	0	
mORF_+_2030752	2030752	2030778	+	1	27	TTG	TGA	0	0	
mORF_+_2030768	2030768	2030884	+	2	117	TTG	TGA	0	0	
mORF_+_2030793	2030793	2030801	+	3	9	ATG	TGA	0	0	
mORF_+_2030881	2030881	2031000	+	1	120	TTG	TAG	0	0	
mORF_+_2030897	2030897	2030950	+	2	54	TTG	TAA	0	0	
mORF_+_2031017	2031017	2031097	+	2	81	ATG	TAA	0	0	
mORF_+_2031079	2031079	2031225	+	1	147	GTG	TAA	0	0	
mORF_+_2031114	2031114	2031152	+	3	39	TTG	TAG	0	0	
mORF_+_2031180	2031180	2031332	+	3	153	GTG	TAA	0	0	
mORF_+_2031241	2031241	2031267	+	1	27	GTG	TAG	0	0	
mORF_+_2031340	2031340	2031450	+	1	111	TTG	TGA	0	0	
mORF_+_2031390	2031390	2031455	+	3	66	TTG	TAA	0	0	
mORF_+_2031483	2031483	2031488	+	3	6	ATG	TGA	0	0	
mORF_+_2031485	2031485	2031517	+	2	33	GTG	TGA	0	0	
mORF_+_2031510	2031510	2031617	+	3	108	TTG	TGA	0	0	
mORF_+_2031514	2031514	2031552	+	1	39	ATG	TAG	0	0	
mORF_+_2031560	2031560	2031694	+	2	135	TTG	TGA	0	0	
mORF_+_2031691	2031691	2031819	+	1	129	ATG	TGA	0	0	
mORF_+_2031722	2031722	2031748	+	2	27	TTG	TGA	0	0	
mORF_+_2031735	2031735	2031776	+	3	42	TTG	TAA	0	0	
mORF_+_2031764	2031764	2031787	+	2	24	ATG	TGA	0	0	
mORF_+_2031801	2031801	2031848	+	3	48	TTG	TAA	0	0	
mORF_+_2031853	2031853	2031921	+	1	69	TTG	TAG	0	0	
mORF_+_2031875	2031875	2031892	+	2	18	ATG	TAG	0	0	
mORF_+_2031934	2031934	2031966	+	1	33	TTG	TAA	0	0	
mORF_+_2031954	2031954	2031983	+	3	30	TTG	TGA	0	0	
mORF_+_2031980	2031980	2031997	+	2	18	ATG	TAG	0	0	
mORF_+_2032005	2032005	2032037	+	3	33	ATG	TGA	0	0	
mORF_+_2032007	2032007	2032024	+	2	18	GTG	TAA	0	0	
mORF_+_2032034	2032034	2032048	+	2	15	TTG	TGA	0	0	
mORF_+_2032045	2032045	2032560	+	1	516	ATG	TAG	17	44	pORF_+_2032045
mORF_+_2032118	2032118	2032189	+	2	72	TTG	TAG	0	0	
mORF_+_2032211	2032211	2032381	+	2	171	ATG	TAG	0	0	
mORF_+_2032302	2032302	2032313	+	3	12	GTG	TAA	0	0	
mORF_+_2032385	2032385	2032441	+	2	57	TTG	TAG	0	0	
mORF_+_2032446	2032446	2032496	+	3	51	ATG	TGA	0	0	
mORF_+_2032469	2032469	2032507	+	2	39	TTG	TGA	0	0	
mORF_+_2032514	2032514	2032573	+	2	60	GTG	TGA	0	0	
mORF_+_2032570	2032570	2032779	+	1	210	TTG	TAA	0	0	
mORF_+_2032577	2032577	2032720	+	2	144	TTG	TAA	0	0	
mORF_+_2032727	2032727	2032747	+	2	21	GTG	TGA	0	0	
mORF_+_2032780	2032780	2032872	+	1	93	ATG	TAG	0	0	
mORF_+_2032829	2032829	2032852	+	2	24	ATG	TGA	0	0	
mORF_+_2032863	2032863	2033267	+	3	405	GTG	TAA	4	0	pORF_+_2032863
mORF_+_2032909	2032909	2033052	+	1	144	ATG	TAG	0	0	
mORF_+_2033057	2033057	2033068	+	2	12	TTG	TGA	0	0	
mORF_+_2033065	2033065	2033253	+	1	189	ATG	TAG	0	0	
mORF_+_2033287	2033287	2033298	+	1	12	GTG	TAA	0	0	
mORF_+_2033348	2033348	2033458	+	2	111	TTG	TAA	0	0	
mORF_+_2033466	2033466	2033486	+	3	21	ATG	TAA	0	0	
mORF_+_2033520	2033520	2033531	+	3	12	TTG	TAG	0	0	
mORF_+_2033531	2033531	2033698	+	2	168	GTG	TGA	0	0	
mORF_+_2033535	2033535	2033543	+	3	9	ATG	TAA	0	0	
mORF_+_2033637	2033637	2033645	+	3	9	ATG	TAA	0	0	
mORF_+_2033661	2033661	2033702	+	3	42	TTG	TAA	0	0	
mORF_+_2033695	2033695	2033838	+	1	144	GTG	TAA	0	0	

mORF_+_2033715	2033715	2033792	+	3	78	GTG	TAA	0	0	
mORF_+_2033822	2033822	2033848	+	2	27	GTG	TAA	0	0	
mORF_+_2033859	2033859	2034710	+	3	852	ATG	TAA	32	183	pORF_+_2033859
mORF_+_2033896	2033896	2034018	+	1	123	TTG	TGA	0	0	
mORF_+_2034085	2034085	2034159	+	1	75	TTG	TGA	0	0	
mORF_+_2034169	2034169	2034207	+	1	39	TTG	TAA	0	0	
mORF_+_2034217	2034217	2034462	+	1	246	TTG	TGA	0	0	
mORF_+_2034374	2034374	2034391	+	2	18	GTG	TGA	0	0	
mORF_+_2034410	2034410	2034454	+	2	45	TTG	TAA	0	0	
mORF_+_2034463	2034463	2034564	+	1	102	ATG	TGA	0	0	
mORF_+_2034476	2034476	2034589	+	2	114	TTG	TAA	0	0	
mORF_+_2034589	2034589	2034726	+	1	138	ATG	TGA	0	0	
mORF_+_2034723	2034723	2034740	+	3	18	TTG	TAA	0	0	
mORF_+_2034727	2034727	2034732	+	1	6	ATG	TAA	0	0	
mORF_+_2034770	2034770	2034793	+	2	24	GTG	TAA	0	0	
mORF_+_2034797	2034797	2034808	+	2	12	ATG	TGA	0	0	
mORF_+_2034815	2034815	2034835	+	2	21	ATG	TAA	0	0	
mORF_+_2034854	2034854	2034916	+	2	63	ATG	TAA	0	0	
mORF_+_2034861	2034861	2034869	+	3	9	TTG	TAG	0	0	
mORF_+_2034909	2034909	2034935	+	3	27	TTG	TGA	0	0	
mORF_+_2034944	2034944	2035120	+	2	177	ATG	TAA	0	0	
mORF_+_2035041	2035041	2035067	+	3	27	TTG	TGA	0	0	
mORF_+_2035095	2035095	2035160	+	3	66	ATG	TGA	0	0	
mORF_+_2035127	2035127	2035132	+	2	6	TTG	TAG	0	0	
mORF_+_2035154	2035154	2035198	+	2	45	TTG	TGA	0	0	
mORF_+_2035161	2035161	2035214	+	3	54	TTG	TAG	0	0	
mORF_+_2035239	2035239	2035364	+	3	126	TTG	TGA	0	0	
mORF_+_2035354	2035354	2035392	+	1	39	TTG	TGA	0	0	
mORF_+_2035361	2035361	2035417	+	2	57	TTG	TAA	0	0	
mORF_+_2035417	2035417	2035425	+	1	9	ATG	TAA	0	0	
mORF_+_2035426	2035426	2035437	+	1	12	TTG	TAA	0	0	
mORF_+_2035442	2035442	2035471	+	2	30	ATG	TAG	0	0	
mORF_+_2035485	2035485	2035499	+	3	15	TTG	TGA	0	0	
mORF_+_2035496	2035496	2035534	+	2	39	ATG	TAG	0	0	
mORF_+_2035546	2035546	2035554	+	1	9	ATG	TAA	0	0	
mORF_+_2035614	2035614	2035832	+	3	219	TTG	TAA	0	0	
mORF_+_2035724	2035724	2035735	+	2	12	ATG	TGA	0	0	
mORF_+_2035762	2035762	2035788	+	1	27	ATG	TAA	0	0	
mORF_+_2035833	2035833	2035931	+	3	99	ATG	TGA	0	0	
mORF_+_2035849	2035849	2035860	+	1	12	TTG	TAG	0	0	
mORF_+_2035894	2035894	2035905	+	1	12	TTG	TAA	0	0	
mORF_+_2035928	2035928	2035984	+	2	57	ATG	TAA	0	0	
mORF_+_2036019	2036019	2036090	+	3	72	TTG	TAG	0	0	
mORF_+_2036044	2036044	2036136	+	1	93	GTG	TAA	0	0	
mORF_+_2036196	2036196	2036312	+	3	117	ATG	TGA	0	0	
mORF_+_2036219	2036219	2036389	+	2	171	GTG	TGA	0	0	
mORF_+_2036396	2036396	2036440	+	2	45	TTG	TGA	0	0	
mORF_+_2036406	2036406	2036411	+	3	6	GTG	TAA	0	0	
mORF_+_2036437	2036437	2036460	+	1	24	ATG	TAA	0	0	
mORF_+_2036475	2036475	2036588	+	3	114	ATG	TGA	0	0	
mORF_+_2036491	2036491	2036505	+	1	15	GTG	TAA	0	0	
mORF_+_2036506	2036506	2036541	+	1	36	TTG	TGA	0	0	
mORF_+_2036610	2036610	2036618	+	3	9	TTG	TAA	0	0	
mORF_+_2036635	2036635	2036652	+	1	18	TTG	TAA	0	0	
mORF_+_2036640	2036640	2036693	+	3	54	TTG	TAA	0	0	
mORF_+_2036656	2036656	2036661	+	1	6	TTG	TAA	0	0	
mORF_+_2036702	2036702	2036716	+	2	15	ATG	TAA	0	0	
mORF_+_2036709	2036709	2036771	+	3	63	ATG	TGA	0	0	
mORF_+_2036768	2036768	2036776	+	2	9	ATG	TAA	0	0	
mORF_+_2036818	2036818	2036838	+	1	21	TTG	TAG	0	0	
mORF_+_2036846	2036846	2036908	+	2	63	ATG	TAA	0	0	
mORF_+_2036857	2036857	2036865	+	1	9	ATG	TAA	0	0	
mORF_+_2036871	2036871	2036879	+	3	9	ATG	TAG	0	0	

mORF_+_2036908	2036908	2036919	+	1	12	ATG	TAA	0	0	
mORF_+_2036963	2036963	2036977	+	2	15	ATG	TAA	0	0	
mORF_+_2036980	2036980	2037393	+	1	414	ATG	TAA	7	28	pORF_+_2036980
mORF_+_2037044	2037044	2037082	+	2	39	ATG	TGA	0	0	
mORF_+_2037125	2037125	2037328	+	2	204	TTG	TGA	0	0	
mORF_+_2037201	2037201	2037248	+	3	48	GTG	TAA	0	0	
mORF_+_2037341	2037341	2037400	+	2	60	ATG	TAA	0	0	
mORF_+_2037393	2037393	2037431	+	3	39	ATG	TAG	0	0	
mORF_+_2037403	2037403	2037408	+	1	6	ATG	TAA	0	0	
mORF_+_2037469	2037469	2037495	+	1	27	TTG	TGA	0	0	
mORF_+_2037492	2037492	2037644	+	3	153	GTG	TAG	0	0	
mORF_+_2037502	2037502	2038506	+	1	1005	ATG	TAA	6	13	pORF_+_2037502
mORF_+_2037533	2037533	2037562	+	2	30	ATG	TGA	0	0	
mORF_+_2037596	2037596	2037736	+	2	141	GTG	TGA	0	0	
mORF_+_2037773	2037773	2037823	+	2	51	ATG	TGA	0	0	
mORF_+_2037834	2037834	2037887	+	3	54	ATG	TGA	0	0	
mORF_+_2037884	2037884	2037895	+	2	12	ATG	TAA	0	0	
mORF_+_2037948	2037948	2038244	+	3	297	GTG	TAA	0	0	
mORF_+_2037971	2037971	2038102	+	2	132	TTG	TGA	0	0	
mORF_+_2038112	2038112	2038159	+	2	48	ATG	TGA	0	0	
mORF_+_2038169	2038169	2038219	+	2	51	GTG	TGA	0	0	
mORF_+_2038220	2038220	2038261	+	2	42	TTG	TAG	0	0	
mORF_+_2038352	2038352	2038516	+	2	165	ATG	TGA	0	0	
mORF_+_2038507	2038507	2039142	+	1	636	ATG	TAA	0	0	
mORF_+_2038533	2038533	2038817	+	3	285	ATG	TAA	0	0	
mORF_+_2038556	2038556	2038627	+	2	72	TTG	TGA	0	0	
mORF_+_2038760	2038760	2038783	+	2	24	TTG	TAA	0	0	
mORF_+_2038892	2038892	2038900	+	2	9	TTG	TAG	0	0	
mORF_+_2038973	2038973	2039014	+	2	42	TTG	TGA	0	0	
mORF_+_2039004	2039004	2039081	+	3	78	GTG	TAA	0	0	
mORF_+_2039150	2039150	2039287	+	2	138	TTG	TAG	0	0	
mORF_+_2039181	2039181	2039264	+	3	84	ATG	TAA	0	0	
mORF_+_2039227	2039227	2039295	+	1	69	ATG	TAG	0	0	
mORF_+_2039309	2039309	2039359	+	2	51	ATG	TAA	0	0	
mORF_+_2039329	2039329	2039451	+	1	123	TTG	TAG	0	0	
mORF_+_2039346	2039346	2039381	+	3	36	ATG	TAA	0	0	
mORF_+_2039399	2039399	2040049	+	2	651	TTG	TGA	63	3574	pORF_+_2039399
mORF_+_2039427	2039427	2039435	+	3	9	TTG	TAG	0	0	
mORF_+_2039436	2039436	2039498	+	3	63	GTG	TAA	0	0	
mORF_+_2039523	2039523	2039720	+	3	198	ATG	TGA	0	0	
mORF_+_2039721	2039721	2039903	+	3	183	TTG	TAA	0	0	
mORF_+_2039773	2039773	2039778	+	1	6	GTG	TAA	0	0	
mORF_+_2039848	2039848	2039853	+	1	6	ATG	TAA	0	0	
mORF_+_2039904	2039904	2039969	+	3	66	TTG	TAA	0	0	
mORF_+_2039970	2039970	2040011	+	3	42	ATG	TGA	0	0	
mORF_+_2040046	2040046	2040096	+	1	51	TTG	TAA	0	0	
mORF_+_2040072	2040072	2040083	+	3	12	ATG	TAG	0	0	
mORF_+_2040159	2040159	2040308	+	3	150	ATG	TAA	0	0	
mORF_+_2040164	2040164	2040178	+	2	15	GTG	TAA	0	0	
mORF_+_2040193	2040193	2040201	+	1	9	TTG	TAA	0	0	
mORF_+_2040352	2040352	2040360	+	1	9	GTG	TAG	0	0	
mORF_+_2040362	2040362	2040922	+	2	561	TTG	TAA	0	0	
mORF_+_2040427	2040427	2040492	+	1	66	TTG	TAA	0	0	
mORF_+_2040447	2040447	2040455	+	3	9	TTG	TAA	0	0	
mORF_+_2040459	2040459	2040515	+	3	57	ATG	TGA	0	0	
mORF_+_2040534	2040534	2040560	+	3	27	ATG	TAA	0	0	
mORF_+_2040550	2040550	2040594	+	1	45	TTG	TAG	0	0	
mORF_+_2040594	2040594	2040635	+	3	42	GTG	TGA	0	0	
mORF_+_2040678	2040678	2040707	+	3	30	TTG	TGA	0	0	
mORF_+_2040717	2040717	2040791	+	3	75	GTG	TGA	0	0	
mORF_+_2040727	2040727	2040783	+	1	57	GTG	TAA	0	0	
mORF_+_2040943	2040943	2040948	+	1	6	ATG	TGA	0	0	
mORF_+_2040945	2040945	2041187	+	3	243	GTG	TGA	0	0	

mORF_+_2040952	2040952	2040972	+	1	21	ATG	TAA	0	0	
mORF_+_2040973	2040973	2041074	+	1	102	ATG	TAA	0	0	
mORF_+_2040992	2040992	2041036	+	2	45	ATG	TAA	0	0	
mORF_+_2041099	2041099	2041110	+	1	12	TTG	TGA	0	0	
mORF_+_2041150	2041150	2041182	+	1	33	TTG	TAA	0	0	
mORF_+_2041166	2041166	2041207	+	2	42	TTG	TGA	0	0	
mORF_+_2041204	2041204	2041278	+	1	75	TTG	TGA	0	0	
mORF_+_2041257	2041257	2041286	+	3	30	TTG	TAA	0	0	
mORF_+_2041279	2041279	2041323	+	1	45	ATG	TAA	0	0	
mORF_+_2041372	2041372	2041407	+	1	36	GTG	TGA	0	0	
mORF_+_2041379	2041379	2041486	+	2	108	ATG	TGA	0	0	
mORF_+_2041404	2041404	2041415	+	3	12	GTG	TAA	0	0	
mORF_+_2041437	2041437	2041478	+	3	42	TTG	TAA	0	0	
mORF_+_2041483	2041483	2041524	+	1	42	TTG	TAG	0	0	
mORF_+_2041491	2041491	2041655	+	3	165	GTG	TGA	0	0	
mORF_+_2041588	2041588	2041623	+	1	36	ATG	TAA	0	0	
mORF_+_2041592	2041592	2041600	+	2	9	TTG	TGA	0	0	
mORF_+_2041636	2041636	2042472	+	1	837	GTG	TAA	2	5	pORF_+_2041636
mORF_+_2041652	2041652	2041678	+	2	27	GTG	TGA	0	0	
mORF_+_2041683	2041683	2041850	+	3	168	GTG	TGA	0	0	
mORF_+_2041799	2041799	2041864	+	2	66	TTG	TAA	0	0	
mORF_+_2041890	2041890	2041940	+	3	51	TTG	TGA	0	0	
mORF_+_2041928	2041928	2041948	+	2	21	ATG	TAA	0	0	
mORF_+_2041964	2041964	2042062	+	2	99	TTG	TGA	0	0	
mORF_+_2041980	2041980	2042009	+	3	30	ATG	TAA	0	0	
mORF_+_2042087	2042087	2042110	+	2	24	TTG	TGA	0	0	
mORF_+_2042117	2042117	2042227	+	2	111	ATG	TGA	0	0	
mORF_+_2042255	2042255	2042476	+	2	222	TTG	TAA	0	0	
mORF_+_2042307	2042307	2042327	+	3	21	ATG	TGA	0	0	
mORF_+_2042376	2042376	2042435	+	3	60	GTG	TAA	0	0	
mORF_+_2042482	2042482	2042496	+	1	15	TTG	TAA	0	0	
mORF_+_2042501	2042501	2042509	+	2	9	TTG	TGA	0	0	
mORF_+_2042506	2042506	2042523	+	1	18	ATG	TAG	0	0	
mORF_+_2042513	2042513	2042551	+	2	39	ATG	TAA	0	0	
mORF_+_2042523	2042523	2042582	+	3	60	GTG	TAG	0	0	
mORF_+_2042616	2042616	2042672	+	3	57	ATG	TAG	0	0	
mORF_+_2042677	2042677	2042736	+	1	60	ATG	TAA	0	0	
mORF_+_2042693	2042693	2042710	+	2	18	TTG	TAA	0	0	
mORF_+_2042700	2042700	2042717	+	3	18	TTG	TAG	0	0	
mORF_+_2042752	2042752	2042775	+	1	24	ATG	TGA	0	0	
mORF_+_2042756	2042756	2042812	+	2	57	TTG	TGA	0	0	
mORF_+_2042772	2042772	2042921	+	3	150	ATG	TAG	0	0	
mORF_+_2042809	2042809	2042874	+	1	66	TTG	TAA	0	0	
mORF_+_2042834	2042834	2042860	+	2	27	TTG	TAA	0	0	
mORF_+_2042887	2042887	2050038	+	1	7152	TTG	TGA	1	4	pORF_+_2042887
mORF_+_2042915	2042915	2042941	+	2	27	GTG	TAG	0	0	
mORF_+_2042981	2042981	2042995	+	2	15	GTG	TAA	0	0	
mORF_+_2042996	2042996	2043043	+	2	48	ATG	TAA	0	0	
mORF_+_2043012	2043012	2043029	+	3	18	ATG	TAA	0	0	
mORF_+_2043071	2043071	2043109	+	2	39	TTG	TAA	0	0	
mORF_+_2043143	2043143	2043340	+	2	198	TTG	TAA	0	0	
mORF_+_2043362	2043362	2043385	+	2	24	GTG	TAG	0	0	
mORF_+_2043458	2043458	2043493	+	2	36	GTG	TGA	0	0	
mORF_+_2043462	2043462	2043545	+	3	84	ATG	TGA	0	0	
mORF_+_2043542	2043542	2043559	+	2	18	ATG	TGA	0	0	
mORF_+_2043588	2043588	2043596	+	3	9	GTG	TGA	0	0	
mORF_+_2043593	2043593	2043673	+	2	81	ATG	TAG	0	0	
mORF_+_2043675	2043675	2043737	+	3	63	TTG	TAG	0	0	
mORF_+_2043761	2043761	2043790	+	2	30	TTG	TAA	0	0	
mORF_+_2043857	2043857	2044012	+	2	156	ATG	TAA	0	0	
mORF_+_2044088	2044088	2044261	+	2	174	ATG	TGA	0	0	
mORF_+_2044331	2044331	2044339	+	2	9	ATG	TGA	0	0	
mORF_+_2044379	2044379	2044552	+	2	174	GTG	TAA	0	0	

mORF_+_2044631	2044631	2044756	+	2	126	TTG	TGA	0	0
mORF_+_2044802	2044802	2044837	+	2	36	ATG	TGA	0	0
mORF_+_2044883	2044883	2044924	+	2	42	TTG	TGA	0	0
mORF_+_2044940	2044940	2044981	+	2	42	ATG	TGA	0	0
mORF_+_2045045	2045045	2045110	+	2	66	ATG	TAA	0	0
mORF_+_2045123	2045123	2045308	+	2	186	ATG	TAA	0	0
mORF_+_2045354	2045354	2045383	+	2	30	ATG	TGA	0	0
mORF_+_2045411	2045411	2045437	+	2	27	TTG	TGA	0	0
mORF_+_2045459	2045459	2045545	+	2	87	TTG	TGA	0	0
mORF_+_2045561	2045561	2045629	+	2	69	ATG	TGA	0	0
mORF_+_2045690	2045690	2045719	+	2	30	ATG	TGA	0	0
mORF_+_2045759	2045759	2045782	+	2	24	GTG	TGA	0	0
mORF_+_2045789	2045789	2045839	+	2	51	GTG	TGA	0	0
mORF_+_2045861	2045861	2045875	+	2	15	ATG	TAA	0	0
mORF_+_2045969	2045969	2045986	+	2	18	TTG	TGA	0	0
mORF_+_2046038	2046038	2046061	+	2	24	ATG	TGA	0	0
mORF_+_2046065	2046065	2046151	+	2	87	TTG	TGA	0	0
mORF_+_2046224	2046224	2046298	+	2	75	TTG	TGA	0	0
mORF_+_2046356	2046356	2046373	+	2	18	GTG	TAA	0	0
mORF_+_2046377	2046377	2046463	+	2	87	TTG	TAA	0	0
mORF_+_2046491	2046491	2046499	+	2	9	ATG	TGA	0	0
mORF_+_2046605	2046605	2046736	+	2	132	TTG	TAA	0	0
mORF_+_2046788	2046788	2046811	+	2	24	TTG	TGA	0	0
mORF_+_2046815	2046815	2046820	+	2	6	GTG	TGA	0	0
mORF_+_2046959	2046959	2047105	+	2	147	TTG	TGA	0	0
mORF_+_2047124	2047124	2047144	+	2	21	GTG	TAA	0	0
mORF_+_2047163	2047163	2047174	+	2	12	GTG	TGA	0	0
mORF_+_2047280	2047280	2047306	+	2	27	ATG	TGA	0	0
mORF_+_2047310	2047310	2047366	+	2	57	ATG	TGA	0	0
mORF_+_2047367	2047367	2047396	+	2	30	TTG	TAA	0	0
mORF_+_2047424	2047424	2047432	+	2	9	ATG	TAG	0	0
mORF_+_2047466	2047466	2047471	+	2	6	ATG	TGA	0	0
mORF_+_2047493	2047493	2047507	+	2	15	ATG	TGA	0	0
mORF_+_2047514	2047514	2047543	+	2	30	ATG	TGA	0	0
mORF_+_2047598	2047598	2047615	+	2	18	GTG	TGA	0	0
mORF_+_2047622	2047622	2047696	+	2	75	TTG	TGA	0	0
mORF_+_2047721	2047721	2047741	+	2	21	ATG	TAG	0	0
mORF_+_2047745	2047745	2047756	+	2	12	ATG	TGA	0	0
mORF_+_2047775	2047775	2047780	+	2	6	ATG	TGA	0	0
mORF_+_2047901	2047901	2047927	+	2	27	ATG	TGA	0	0
mORF_+_2047934	2047934	2047960	+	2	27	TTG	TAG	0	0
mORF_+_2048108	2048108	2048146	+	2	39	TTG	TGA	0	0
mORF_+_2048225	2048225	2048287	+	2	63	ATG	TAA	0	0
mORF_+_2048333	2048333	2048362	+	2	30	TTG	TGA	0	0
mORF_+_2048369	2048369	2048392	+	2	24	GTG	TGA	0	0
mORF_+_2048429	2048429	2048434	+	2	6	GTG	TAG	0	0
mORF_+_2048495	2048495	2048542	+	2	48	ATG	TGA	0	0
mORF_+_2048570	2048570	2048599	+	2	30	GTG	TGA	0	0
mORF_+_2048621	2048621	2048662	+	2	42	ATG	TAA	0	0
mORF_+_2048684	2048684	2048698	+	2	15	GTG	TGA	0	0
mORF_+_2048840	2048840	2048896	+	2	57	ATG	TAA	0	0
mORF_+_2048915	2048915	2048938	+	2	24	TTG	TGA	0	0
mORF_+_2049089	2049089	2049106	+	2	18	GTG	TAG	0	0
mORF_+_2049194	2049194	2049295	+	2	102	GTG	TAA	0	0
mORF_+_2049308	2049308	2049322	+	2	15	TTG	TAA	0	0
mORF_+_2049332	2049332	2049382	+	2	51	GTG	TGA	0	0
mORF_+_2049395	2049395	2049418	+	2	24	ATG	TGA	0	0
mORF_+_2049479	2049479	2049544	+	2	66	ATG	TGA	0	0
mORF_+_2049548	2049548	2049637	+	2	90	ATG	TGA	0	0
mORF_+_2049647	2049647	2049724	+	2	78	ATG	TGA	0	0
mORF_+_2049729	2049729	2049776	+	3	48	TTG	TGA	0	0
mORF_+_2049770	2049770	2049826	+	2	57	TTG	TAA	0	0
mORF_+_2049783	2049783	2049836	+	3	54	TTG	TAG	0	0

mORF_+_2049863	2049863	2049961	+	2	99	GTG	TAG	0	0	
mORF_+_2049867	2049867	2049896	+	3	30	ATG	TGA	0	0	
mORF_+_2049921	2049921	2049932	+	3	12	TTG	TAG	0	0	
mORF_+_2049977	2049977	2050051	+	2	75	GTG	TAA	0	0	
mORF_+_2050020	2050020	2050028	+	3	9	ATG	TAA	0	0	
mORF_+_2050035	2050035	2050109	+	3	75	GTG	TAG	0	0	
mORF_+_2050063	2050063	2050134	+	1	72	GTG	TAA	0	0	
mORF_+_2050127	2050127	2050138	+	2	12	ATG	TAA	0	0	
mORF_+_2050141	2050141	2050191	+	1	51	ATG	TGA	0	0	
mORF_+_2050167	2050167	2050172	+	3	6	ATG	TGA	0	0	
mORF_+_2050169	2050169	2050225	+	2	57	GTG	TGA	0	0	
mORF_+_2050188	2050188	2050208	+	3	21	GTG	TAA	0	0	
mORF_+_2050222	2050222	2050326	+	1	105	GTG	TAA	0	0	
mORF_+_2050229	2050229	2050291	+	2	63	TTG	TAA	0	0	
mORF_+_2050284	2050284	2050517	+	3	234	ATG	TGA	0	0	
mORF_+_2050355	2050355	2050423	+	2	69	TTG	TAA	0	0	
mORF_+_2050366	2050366	2050383	+	1	18	TTG	TGA	0	0	
mORF_+_2050468	2050468	2050473	+	1	6	ATG	TAA	0	0	
mORF_+_2050481	2050481	2050504	+	2	24	GTG	TAA	0	0	
mORF_+_2050514	2050514	2050561	+	2	48	ATG	TAG	0	0	
mORF_+_2050518	2050518	2050535	+	3	18	TTG	TAA	0	0	
mORF_+_2050542	2050542	2050721	+	3	180	GTG	TGA	0	0	
mORF_+_2050607	2050607	2050618	+	2	12	TTG	TGA	0	0	
mORF_+_2050615	2050615	2050665	+	1	51	ATG	TAG	0	0	
mORF_+_2050718	2050718	2050732	+	2	15	TTG	TAA	0	0	
mORF_+_2050785	2050785	2050808	+	3	24	GTG	TGA	0	0	
mORF_+_2050839	2050839	2050853	+	3	15	ATG	TAG	0	0	
mORF_+_2050895	2050895	2050939	+	2	45	TTG	TGA	0	0	
mORF_+_2050950	2050950	2050967	+	3	18	TTG	TGA	0	0	
mORF_+_2051009	2051009	2051083	+	2	75	ATG	TGA	0	0	
mORF_+_2051032	2051032	2051055	+	1	24	TTG	TAA	0	0	
mORF_+_2051037	2051037	2051093	+	3	57	GTG	TAG	0	0	
mORF_+_2051080	2051080	2051106	+	1	27	GTG	TAA	0	0	
mORF_+_2051097	2051097	2051102	+	3	6	TTG	TGA	0	0	
mORF_+_2051099	2051099	2051245	+	2	147	GTG	TGA	0	0	
mORF_+_2051106	2051106	2051117	+	3	12	ATG	TAG	0	0	
mORF_+_2051157	2051157	2051186	+	3	30	TTG	TAA	0	0	
mORF_+_2051179	2051179	2051340	+	1	162	ATG	TGA	0	0	
mORF_+_2051258	2051258	2051296	+	2	39	ATG	TAA	0	0	
mORF_+_2051319	2051319	2051381	+	3	63	ATG	TAA	0	0	
mORF_+_2051381	2051381	2051539	+	2	159	ATG	TAA	0	0	
mORF_+_2051386	2051386	2051454	+	1	69	ATG	TAA	0	0	
mORF_+_2051418	2051418	2051474	+	3	57	TTG	TAA	0	0	
mORF_+_2051458	2051458	2051481	+	1	24	GTG	TAA	0	0	
mORF_+_2051527	2051527	2051580	+	1	54	ATG	TAG	0	0	
mORF_+_2051556	2051556	2051588	+	3	33	TTG	TAA	0	0	
mORF_+_2051612	2051612	2051617	+	2	6	ATG	TGA	0	0	
mORF_+_2051614	2051614	2051718	+	1	105	GTG	TAA	0	0	
mORF_+_2051667	2051667	2052983	+	3	1317	ATG	TGA	1	5	pORF_+_2051667
mORF_+_2051755	2051755	2051838	+	1	84	GTG	TAA	0	0	
mORF_+_2051866	2051866	2051958	+	1	93	TTG	TAA	0	0	
mORF_+_2051998	2051998	2052054	+	1	57	TTG	TGA	0	0	
mORF_+_2052029	2052029	2052121	+	2	93	GTG	TGA	0	0	
mORF_+_2052061	2052061	2052183	+	1	123	GTG	TAG	0	0	
mORF_+_2052305	2052305	2052343	+	2	39	GTG	TGA	0	0	
mORF_+_2052316	2052316	2052426	+	1	111	ATG	TGA	0	0	
mORF_+_2052433	2052433	2052459	+	1	27	TTG	TGA	0	0	
mORF_+_2052446	2052446	2052490	+	2	45	GTG	TAA	0	0	
mORF_+_2052481	2052481	2052552	+	1	72	TTG	TAG	0	0	
mORF_+_2052553	2052553	2052561	+	1	9	GTG	TAA	0	0	
mORF_+_2052583	2052583	2052639	+	1	57	TTG	TAA	0	0	
mORF_+_2052676	2052676	2052702	+	1	27	TTG	TAG	0	0	
mORF_+_2052730	2052730	2052936	+	1	207	TTG	TGA	0	0	

mORF+_2052749	2052749	2052802	+	2	54	GTG	TAG	0	0	
mORF+_2052929	2052929	2054539	+	2	1611	ATG	TAA	35	145	pORF+_2052929
mORF+_2053054	2053054	2053062	+	1	9	GTG	TAA	0	0	
mORF+_2053063	2053063	2053092	+	1	30	TTG	TAA	0	0	
mORF+_2053146	2053146	2053160	+	3	15	ATG	TAG	0	0	
mORF+_2053179	2053179	2053256	+	3	78	TTG	TGA	0	0	
mORF+_2053305	2053305	2053481	+	3	177	TTG	TGA	0	0	
mORF+_2053485	2053485	2053499	+	3	15	TTG	TGA	0	0	
mORF+_2053545	2053545	2053880	+	3	336	TTG	TAA	0	0	
mORF+_2053729	2053729	2053758	+	1	30	TTG	TGA	0	0	
mORF+_2053780	2053780	2053941	+	1	162	TTG	TAA	0	0	
mORF+_2053890	2053890	2053913	+	3	24	ATG	TGA	0	0	
mORF+_2053917	2053917	2053988	+	3	72	TTG	TGA	0	0	
mORF+_2053992	2053992	2054159	+	3	168	TTG	TGA	0	0	
mORF+_2054172	2054172	2054213	+	3	42	GTG	TAA	0	0	
mORF+_2054220	2054220	2054273	+	3	54	ATG	TAA	0	0	
mORF+_2054289	2054289	2054549	+	3	261	TTG	TGA	0	0	
mORF+_2054356	2054356	2054370	+	1	15	GTG	TAA	0	0	
mORF+_2054569	2054569	2054574	+	1	6	ATG	TGA	0	0	
mORF+_2054571	2054571	2054582	+	3	12	GTG	TAA	0	0	
mORF+_2054615	2054615	2054680	+	2	66	GTG	TAA	0	0	
mORF+_2054632	2054632	2054742	+	1	111	TTG	TAA	0	0	
mORF+_2054759	2054759	2054785	+	2	27	ATG	TAA	0	0	
mORF+_2054806	2054806	2054814	+	1	9	ATG	TAA	0	0	
mORF+_2054816	2054816	2054827	+	2	12	ATG	TAA	0	0	
mORF+_2054831	2054831	2054851	+	2	21	ATG	TAA	0	0	
mORF+_2054851	2054851	2054856	+	1	6	ATG	TAA	0	0	
mORF+_2054882	2054882	2055598	+	2	717	GTG	TAA	29	291	pORF+_2054882
mORF+_2054893	2054893	2054913	+	1	21	ATG	TAA	0	0	
mORF+_2054904	2054904	2054966	+	3	63	TTG	TAG	0	0	
mORF+_2054973	2054973	2055011	+	3	39	ATG	TAA	0	0	
mORF+_2055033	2055033	2055161	+	3	129	TTG	TGA	0	0	
mORF+_2055186	2055186	2055290	+	3	105	ATG	TGA	0	0	
mORF+_2055291	2055291	2055365	+	3	75	TTG	TGA	0	0	
mORF+_2055384	2055384	2055434	+	3	51	TTG	TAA	0	0	
mORF+_2055480	2055480	2055518	+	3	39	TTG	TAG	0	0	
mORF+_2055525	2055525	2055650	+	3	126	TTG	TAA	0	0	
mORF+_2055685	2055685	2055726	+	1	42	TTG	TAA	0	0	
mORF+_2055764	2055764	2055802	+	2	39	GTG	TAG	0	0	
mORF+_2055837	2055837	2055983	+	3	147	TTG	TAA	0	0	
mORF+_2055851	2055851	2055868	+	2	18	ATG	TGA	0	0	
mORF+_2055865	2055865	2055915	+	1	51	TTG	TGA	0	0	
mORF+_2055890	2055890	2055922	+	2	33	TTG	TGA	0	0	
mORF+_2055919	2055919	2055933	+	1	15	GTG	TAA	0	0	
mORF+_2056017	2056017	2056046	+	3	30	TTG	TAA	0	0	
mORF+_2056050	2056050	2056115	+	3	66	TTG	TGA	0	0	
mORF+_2056130	2056130	2056303	+	2	174	GTG	TAA	0	0	
mORF+_2056167	2056167	2056187	+	3	21	ATG	TAA	0	0	
mORF+_2056200	2056200	2056211	+	3	12	TTG	TAA	0	0	
mORF+_2056260	2056260	2056289	+	3	30	TTG	TAG	0	0	
mORF+_2056387	2056387	2056404	+	1	18	ATG	TAA	0	0	
mORF+_2056429	2056429	2056458	+	1	30	ATG	TAA	0	0	
mORF+_2056499	2056499	2056516	+	2	18	ATG	TAG	0	0	
mORF+_2056557	2056557	2056619	+	3	63	ATG	TAG	0	0	
mORF+_2056568	2056568	2056597	+	2	30	GTG	TAA	0	0	
mORF+_2056579	2056579	2056584	+	1	6	GTG	TAA	0	0	
mORF+_2056627	2056627	2056674	+	1	48	ATG	TGA	0	0	
mORF+_2056662	2056662	2056757	+	3	96	ATG	TAA	0	0	
mORF+_2056720	2056720	2056938	+	1	219	ATG	TAG	0	0	
mORF+_2056775	2056775	2056789	+	2	15	TTG	TAA	0	0	
mORF+_2056833	2056833	2056841	+	3	9	TTG	TAA	0	0	
mORF+_2056994	2056994	2057095	+	2	102	TTG	TAA	0	0	
mORF+_2057020	2057020	2057079	+	1	60	ATG	TAA	0	0	

mORF_+_2057086	2057086	2057205	+	1	120	ATG	TAA	0	0
mORF_+_2057165	2057165	2057182	+	2	18	GTG	TAA	0	0
mORF_+_2057240	2057240	2057248	+	2	9	GTG	TAA	0	0
mORF_+_2057257	2057257	2057301	+	1	45	GTG	TGA	0	0
mORF_+_2057286	2057286	2057351	+	3	66	TTG	TGA	0	0
mORF_+_2057312	2057312	2057341	+	2	30	TTG	TGA	0	0
mORF_+_2057338	2057338	2057616	+	1	279	ATG	TAG	0	0
mORF_+_2057348	2057348	2057401	+	2	54	ATG	TAA	0	0
mORF_+_2057402	2057402	2057419	+	2	18	ATG	TAG	0	0
mORF_+_2057620	2057620	2057649	+	1	30	TTG	TGA	0	0
mORF_+_2057631	2057631	2057663	+	3	33	GTG	TAA	0	0
mORF_+_2057694	2057694	2057723	+	3	30	TTG	TAA	0	0
mORF_+_2057723	2057723	2057821	+	2	99	ATG	TAA	0	0
mORF_+_2057766	2057766	2057792	+	3	27	TTG	TGA	0	0
mORF_+_2057776	2057776	2057976	+	1	201	ATG	TAG	0	0
mORF_+_2057831	2057831	2057884	+	2	54	TTG	TAG	0	0
mORF_+_2057859	2057859	2057912	+	3	54	GTG	TAA	0	0
mORF_+_2057918	2057918	2057959	+	2	42	ATG	TGA	0	0
mORF_+_2057985	2057985	2058053	+	3	69	TTG	TGA	0	0
mORF_+_2058037	2058037	2058093	+	1	57	TTG	TAG	0	0
mORF_+_2058105	2058105	2058173	+	3	69	TTG	TAA	0	0
mORF_+_2058186	2058186	2058215	+	3	30	TTG	TAA	0	0
mORF_+_2058250	2058250	2058351	+	1	102	ATG	TAA	0	0
mORF_+_2058308	2058308	2058337	+	2	30	ATG	TAA	0	0
mORF_+_2058352	2058352	2058414	+	1	63	GTG	TGA	0	0
mORF_+_2058374	2058374	2058604	+	2	231	TTG	TAA	0	0
mORF_+_2058399	2058399	2058563	+	3	165	TTG	TAG	0	0
mORF_+_2058604	2058604	2058624	+	1	21	ATG	TAA	0	0
mORF_+_2058626	2058626	2058652	+	2	27	GTG	TAG	0	0
mORF_+_2058636	2058636	2058743	+	3	108	ATG	TAA	0	0
mORF_+_2058652	2058652	2058834	+	1	183	GTG	TGA	0	0
mORF_+_2058743	2058743	2058841	+	2	99	ATG	TGA	0	0
mORF_+_2058831	2058831	2058848	+	3	18	ATG	TGA	0	0
mORF_+_2058851	2058851	2058859	+	2	9	GTG	TAA	0	0
mORF_+_2058886	2058886	2058891	+	1	6	TTG	TAA	0	0
mORF_+_2058899	2058899	2058943	+	2	45	GTG	TAA	0	0
mORF_+_2058924	2058924	2058977	+	3	54	TTG	TAA	0	0
mORF_+_2058971	2058971	2059003	+	2	33	TTG	TAA	0	0
mORF_+_2058984	2058984	2059043	+	3	60	ATG	TAG	0	0
mORF_+_2059052	2059052	2059093	+	2	42	TTG	TGA	0	0
mORF_+_2059117	2059117	2059188	+	1	72	GTG	TAA	0	0
mORF_+_2059173	2059173	2059376	+	3	204	ATG	TAA	0	0
mORF_+_2059192	2059192	2059284	+	1	93	GTG	TAA	0	0
mORF_+_2059318	2059318	2059326	+	1	9	TTG	TGA	0	0
mORF_+_2059400	2059400	2059627	+	2	228	TTG	TAA	0	0
mORF_+_2059635	2059635	2059700	+	3	66	ATG	TGA	0	0
mORF_+_2059645	2059645	2059794	+	1	150	ATG	TAA	0	0
mORF_+_2059682	2059682	2059693	+	2	12	TTG	TAA	0	0
mORF_+_2059709	2059709	2059744	+	2	36	ATG	TAA	0	0
mORF_+_2059746	2059746	2059766	+	3	21	ATG	TAG	0	0
mORF_+_2059757	2059757	2059831	+	2	75	ATG	TAA	0	0
mORF_+_2059804	2059804	2059863	+	1	60	TTG	TGA	0	0
mORF_+_2059845	2059845	2060135	+	3	291	GTG	TAA	0	0
mORF_+_2059871	2059871	2059975	+	2	105	TTG	TAA	0	0
mORF_+_2059873	2059873	2059950	+	1	78	GTG	TGA	0	0
mORF_+_2059988	2059988	2060083	+	2	96	GTG	TGA	0	0
mORF_+_2060023	2060023	2060046	+	1	24	TTG	TGA	0	0
mORF_+_2060080	2060080	2060262	+	1	183	ATG	TAA	0	0
mORF_+_2060096	2060096	2060107	+	2	12	TTG	TAA	0	0
mORF_+_2060145	2060145	2060198	+	3	54	ATG	TGA	0	0
mORF_+_2060192	2060192	2060293	+	2	102	TTG	TAG	0	0
mORF_+_2060223	2060223	2060240	+	3	18	ATG	TGA	0	0
mORF_+_2060327	2060327	2060383	+	2	57	ATG	TAG	0	0

mORF_+_2060392	2060392	2060418	+	1	27	TTG	TAA	0	0
mORF_+_2060429	2060429	2060443	+	2	15	TTG	TAA	0	0
mORF_+_2060445	2060445	2061167	+	3	723	TTG	TAA	0	0
mORF_+_2060483	2060483	2060515	+	2	33	TTG	TGA	0	0
mORF_+_2060512	2060512	2060601	+	1	90	TTG	TGA	0	0
mORF_+_2060531	2060531	2060659	+	2	129	ATG	TAA	0	0
mORF_+_2060632	2060632	2060736	+	1	105	GTG	TGA	0	0
mORF_+_2060761	2060761	2060802	+	1	42	TTG	TAA	0	0
mORF_+_2060818	2060818	2061021	+	1	204	ATG	TAG	0	0
mORF_+_2060846	2060846	2060938	+	2	93	ATG	TAG	0	0
mORF_+_2061014	2061014	2061049	+	2	36	GTG	TAA	0	0
mORF_+_2061070	2061070	2061216	+	1	147	GTG	TGA	0	0
mORF_+_2061171	2061171	2061251	+	3	81	TTG	TAA	0	0
mORF_+_2061182	2061182	2061235	+	2	54	GTG	TAA	0	0
mORF_+_2061272	2061272	2061295	+	2	24	ATG	TAG	0	0
mORF_+_2061297	2061297	2061323	+	3	27	ATG	TGA	0	0
mORF_+_2061320	2061320	2061415	+	2	96	ATG	TAA	0	0
mORF_+_2061349	2061349	2061384	+	1	36	ATG	TAA	0	0
mORF_+_2061476	2061476	2061568	+	2	93	ATG	TAA	0	0
mORF_+_2061583	2061583	2061717	+	1	135	ATG	TAA	0	0
mORF_+_2061632	2061632	2061688	+	2	57	ATG	TAA	0	0
mORF_+_2061780	2061780	2061827	+	3	48	TTG	TAA	0	0
mORF_+_2061814	2061814	2062074	+	1	261	TTG	TGA	0	0
mORF_+_2061879	2061879	2061920	+	3	42	TTG	TGA	0	0
mORF_+_2061917	2061917	2062018	+	2	102	GTG	TAA	0	0
mORF_+_2061921	2061921	2061929	+	3	9	TTG	TGA	0	0
mORF_+_2061933	2061933	2061989	+	3	57	TTG	TGA	0	0
mORF_+_2061999	2061999	2062025	+	3	27	TTG	TGA	0	0
mORF_+_2062022	2062022	2062051	+	2	30	ATG	TGA	0	0
mORF_+_2062062	2062062	2062112	+	3	51	TTG	TGA	0	0
mORF_+_2062082	2062082	2062285	+	2	204	TTG	TGA	0	0
mORF_+_2062159	2062159	2062407	+	1	249	GTG	TAA	0	0
mORF_+_2062203	2062203	2062259	+	3	57	TTG	TAG	0	0
mORF_+_2062313	2062313	2062591	+	2	279	TTG	TGA	0	0
mORF_+_2062417	2062417	2062473	+	1	57	ATG	TAA	0	0
mORF_+_2062425	2062425	2062439	+	3	15	GTG	TAG	0	0
mORF_+_2062486	2062486	2062599	+	1	114	TTG	TGA	0	0
mORF_+_2062569	2062569	2062664	+	3	96	TTG	TAA	0	0
mORF_+_2062606	2062606	2062764	+	1	159	ATG	TAA	0	0
mORF_+_2062694	2062694	2062699	+	2	6	GTG	TGA	0	0
mORF_+_2062707	2062707	2062784	+	3	78	TTG	TAA	0	0
mORF_+_2062784	2062784	2062804	+	2	21	ATG	TGA	0	0
mORF_+_2062811	2062811	2062939	+	2	129	ATG	TGA	0	0
mORF_+_2062911	2062911	2062922	+	3	12	GTG	TAA	0	0
mORF_+_2062915	2062915	2063160	+	1	246	GTG	TAA	0	0
mORF_+_2062964	2062964	2063047	+	2	84	GTG	TAA	0	0
mORF_+_2063007	2063007	2063123	+	3	117	ATG	TAA	0	0
mORF_+_2063051	2063051	2063092	+	2	42	GTG	TGA	0	0
mORF_+_2063160	2063160	2063219	+	3	60	ATG	TGA	0	0
mORF_+_2063216	2063216	2063395	+	2	180	ATG	TAA	0	0
mORF_+_2063247	2063247	2063312	+	3	66	TTG	TGA	0	0
mORF_+_2063290	2063290	2063388	+	1	99	TTG	TAG	0	0
mORF_+_2063404	2063404	2063454	+	1	51	TTG	TAA	0	0
mORF_+_2063417	2063417	2063590	+	2	174	TTG	TAA	0	0
mORF_+_2063533	2063533	2063541	+	1	9	TTG	TAA	0	0
mORF_+_2063535	2063535	2063585	+	3	51	GTG	TGA	0	0
mORF_+_2063600	2063600	2063716	+	2	117	ATG	TGA	0	0
mORF_+_2063619	2063619	2063651	+	3	33	GTG	TGA	0	0
mORF_+_2063662	2063662	2063697	+	1	36	GTG	TAG	0	0
mORF_+_2063713	2063713	2063730	+	1	18	GTG	TAA	0	0
mORF_+_2063741	2063741	2063800	+	2	60	GTG	TGA	0	0
mORF_+_2063761	2063761	2063826	+	1	66	GTG	TGA	0	0
mORF_+_2063810	2063810	2063896	+	2	87	ATG	TAA	0	0

mORF_+_2063823	2063823	2063879	+	3	57	TTG	TAA	0	0
mORF_+_2063934	2063934	2063969	+	3	36	ATG	TAA	0	0
mORF_+_2063963	2063963	2063992	+	2	30	GTG	TGA	0	0
mORF_+_2063989	2063989	2064012	+	1	24	TTG	TGA	0	0
mORF_+_2064009	2064009	2064038	+	3	30	TTG	TAA	0	0
mORF_+_2064038	2064038	2064220	+	2	183	ATG	TGA	0	0
mORF_+_2064070	2064070	2064147	+	1	78	TTG	TAA	0	0
mORF_+_2064072	2064072	2064080	+	3	9	GTG	TGA	0	0
mORF_+_2064132	2064132	2064137	+	3	6	TTG	TAA	0	0
mORF_+_2064162	2064162	2064182	+	3	21	ATG	TAG	0	0
mORF_+_2064198	2064198	2064248	+	3	51	GTG	TGA	0	0
mORF_+_2064241	2064241	2064291	+	1	51	ATG	TAG	0	0
mORF_+_2064245	2064245	2064268	+	2	24	TTG	TAA	0	0
mORF_+_2064269	2064269	2064277	+	2	9	ATG	TGA	0	0
mORF_+_2064332	2064332	2064394	+	2	63	GTG	TAA	0	0
mORF_+_2064378	2064378	2064644	+	3	267	TTG	TAG	0	0
mORF_+_2064404	2064404	2064658	+	2	255	TTG	TGA	0	0
mORF_+_2064475	2064475	2064525	+	1	51	ATG	TGA	0	0
mORF_+_2064544	2064544	2064702	+	1	159	GTG	TGA	0	0
mORF_+_2064665	2064665	2064733	+	2	69	TTG	TAG	0	0
mORF_+_2064699	2064699	2064797	+	3	99	TTG	TGA	0	0
mORF_+_2064737	2064737	2065033	+	2	297	GTG	TAA	0	0
mORF_+_2064798	2064798	2064815	+	3	18	TTG	TGA	0	0
mORF_+_2064843	2064843	2064899	+	3	57	TTG	TGA	0	0
mORF_+_2064862	2064862	2064873	+	1	12	GTG	TGA	0	0
mORF_+_2064906	2064906	2064965	+	3	60	ATG	TGA	0	0
mORF_+_2064993	2064993	2065121	+	3	129	ATG	TGA	0	0
mORF_+_2065106	2065106	2065129	+	2	24	ATG	TAG	0	0
mORF_+_2065122	2065122	2065148	+	3	27	ATG	TAA	0	0
mORF_+_2065170	2065170	2065178	+	3	9	TTG	TAA	0	0
mORF_+_2065188	2065188	2065259	+	3	72	ATG	TGA	0	0
mORF_+_2065205	2065205	2065381	+	2	177	TTG	TAG	0	0
mORF_+_2065210	2065210	2065275	+	1	66	ATG	TGA	0	0
mORF_+_2065308	2065308	2065472	+	3	165	ATG	TAA	0	0
mORF_+_2065363	2065363	2065455	+	1	93	TTG	TAG	0	0
mORF_+_2065433	2065433	2065438	+	2	6	ATG	TGA	0	0
mORF_+_2065465	2065465	2065653	+	1	189	ATG	TGA	0	0
mORF_+_2065599	2065599	2065610	+	3	12	ATG	TAA	0	0
mORF_+_2065601	2065601	2065663	+	2	63	GTG	TAG	0	0
mORF_+_2065650	2065650	2065658	+	3	9	TTG	TAA	0	0
mORF_+_2065676	2065676	2065684	+	2	9	ATG	TGA	0	0
mORF_+_2065727	2065727	2065759	+	2	33	ATG	TAA	0	0
mORF_+_2065767	2065767	2065955	+	3	189	TTG	TGA	0	0
mORF_+_2065775	2065775	2065858	+	2	84	GTG	TAA	0	0
mORF_+_2065852	2065852	2065908	+	1	57	ATG	TAA	0	0
mORF_+_2065915	2065915	2065995	+	1	81	ATG	TGA	0	0
mORF_+_2065952	2065952	2065984	+	2	33	ATG	TAG	0	0
mORF_+_2065971	2065971	2066012	+	3	42	TTG	TAG	0	0
mORF_+_2066006	2066006	2066116	+	2	111	TTG	TAA	0	0
mORF_+_2066031	2066031	2066126	+	3	96	TTG	TGA	0	0
mORF_+_2066044	2066044	2066052	+	1	9	GTG	TGA	0	0
mORF_+_2066144	2066144	2066158	+	2	15	TTG	TAG	0	0
mORF_+_2066169	2066169	2066195	+	3	27	ATG	TGA	0	0
mORF_+_2066202	2066202	2066228	+	3	27	TTG	TAA	0	0
mORF_+_2066247	2066247	2066252	+	3	6	TTG	TAA	0	0
mORF_+_2066297	2066297	2066335	+	2	39	ATG	TAA	0	0
mORF_+_2066359	2066359	2066373	+	1	15	TTG	TGA	0	0
mORF_+_2066370	2066370	2066552	+	3	183	ATG	TGA	0	0
mORF_+_2066431	2066431	2066511	+	1	81	ATG	TAA	0	0
mORF_+_2066498	2066498	2066536	+	2	39	ATG	TAA	0	0
mORF_+_2066545	2066545	2066568	+	1	24	ATG	TGA	0	0
mORF_+_2066549	2066549	2066602	+	2	54	TTG	TAA	0	0
mORF_+_2066565	2066565	2066594	+	3	30	ATG	TGA	0	0

mORF_+_2066603	2066603	2066647	+	2	45	ATG	TAA	0	0	
mORF_+_2066632	2066632	2067051	+	1	420	TTG	TAA	0	0	
mORF_+_2066654	2066654	2066725	+	2	72	ATG	TAG	0	0	
mORF_+_2066676	2066676	2066846	+	3	171	TTG	TGA	0	0	
mORF_+_2066843	2066843	2066884	+	2	42	TTG	TAG	0	0	
mORF_+_2066960	2066960	2067142	+	2	183	GTG	TGA	0	0	
mORF_+_2066970	2066970	2067005	+	3	36	TTG	TAA	0	0	
mORF_+_2067063	2067063	2067122	+	3	60	ATG	TAA	0	0	
mORF_+_2067133	2067133	2067153	+	1	21	TTG	TAG	0	0	
mORF_+_2067217	2067217	2067276	+	1	60	GTG	TAG	0	0	
mORF_+_2067257	2067257	2067268	+	2	12	GTG	TAG	0	0	
mORF_+_2067278	2067278	2067358	+	2	81	ATG	TGA	0	0	
mORF_+_2067325	2067325	2067504	+	1	180	TTG	TGA	0	0	
mORF_+_2067405	2067405	2067836	+	3	432	GTG	TAA	0	0	
mORF_+_2067410	2067410	2067445	+	2	36	GTG	TGA	0	0	
mORF_+_2067505	2067505	2067606	+	1	102	TTG	TAA	0	0	
mORF_+_2067536	2067536	2067598	+	2	63	GTG	TGA	0	0	
mORF_+_2067613	2067613	2067681	+	1	69	TTG	TAA	0	0	
mORF_+_2067689	2067689	2067706	+	2	18	TTG	TAA	0	0	
mORF_+_2067742	2067742	2067747	+	1	6	GTG	TGA	0	0	
mORF_+_2067790	2067790	2067915	+	1	126	ATG	TGA	0	0	
mORF_+_2067869	2067869	2068069	+	2	201	GTG	TAA	0	0	
mORF_+_2067912	2067912	2068139	+	3	228	TTG	TGA	0	0	
mORF_+_2068088	2068088	2068192	+	2	105	ATG	TAA	0	0	
mORF_+_2068144	2068144	2068218	+	1	75	TTG	TGA	0	0	
mORF_+_2068161	2068161	2068322	+	3	162	GTG	TAA	0	0	
mORF_+_2068258	2068258	2068296	+	1	39	GTG	TAG	0	0	
mORF_+_2068268	2068268	2068528	+	2	261	TTG	TGA	3	0	pORF_+_2068268
mORF_+_2068329	2068329	2068346	+	3	18	TTG	TAA	0	0	
mORF_+_2068371	2068371	2068388	+	3	18	ATG	TGA	0	0	
mORF_+_2068392	2068392	2068421	+	3	30	ATG	TAG	0	0	
mORF_+_2068461	2068461	2068523	+	3	63	TTG	TAA	0	0	
mORF_+_2068525	2068525	2069235	+	1	711	TTG	TGA	0	0	
mORF_+_2068553	2068553	2068564	+	2	12	GTG	TAA	0	0	
mORF_+_2068565	2068565	2068585	+	2	21	TTG	TAA	0	0	
mORF_+_2068587	2068587	2068691	+	3	105	ATG	TGA	0	0	
mORF_+_2068688	2068688	2068726	+	2	39	GTG	TGA	0	0	
mORF_+_2068719	2068719	2068730	+	3	12	GTG	TAA	0	0	
mORF_+_2068736	2068736	2068816	+	2	81	ATG	TGA	0	0	
mORF_+_2068785	2068785	2068847	+	3	63	GTG	TGA	0	0	
mORF_+_2068844	2068844	2069005	+	2	162	ATG	TGA	0	0	
mORF_+_2068848	2068848	2069093	+	3	246	ATG	TGA	0	0	
mORF_+_2069021	2069021	2069038	+	2	18	ATG	TGA	0	0	
mORF_+_2069090	2069090	2069329	+	2	240	GTG	TAA	0	0	
mORF_+_2069214	2069214	2069246	+	3	33	ATG	TGA	0	0	
mORF_+_2069250	2069250	2069321	+	3	72	ATG	TAG	0	0	
mORF_+_2069396	2069396	2069491	+	2	96	TTG	TAA	0	0	
mORF_+_2069407	2069407	2072682	+	1	3276	ATG	TGA	22	83	pORF_+_2069407
mORF_+_2069516	2069516	2069563	+	2	48	TTG	TGA	0	0	
mORF_+_2069598	2069598	2069657	+	3	60	ATG	TAA	0	0	
mORF_+_2069627	2069627	2069752	+	2	126	TTG	TGA	0	0	
mORF_+_2069774	2069774	2069812	+	2	39	ATG	TGA	0	0	
mORF_+_2069834	2069834	2069932	+	2	99	ATG	TGA	0	0	
mORF_+_2069868	2069868	2070041	+	3	174	ATG	TGA	0	0	
mORF_+_2069939	2069939	2070004	+	2	66	GTG	TGA	0	0	
mORF_+_2070017	2070017	2070052	+	2	36	ATG	TAG	0	0	
mORF_+_2070071	2070071	2070235	+	2	165	ATG	TGA	0	0	
mORF_+_2070269	2070269	2070319	+	2	51	ATG	TGA	0	0	
mORF_+_2070320	2070320	2070373	+	2	54	ATG	TGA	0	0	
mORF_+_2070377	2070377	2070487	+	2	111	GTG	TGA	0	0	
mORF_+_2070560	2070560	2070619	+	2	60	TTG	TGA	0	0	
mORF_+_2070650	2070650	2070808	+	2	159	ATG	TGA	0	0	
mORF_+_2070845	2070845	2070871	+	2	27	GTG	TAA	0	0	

mORF_+_2070872	2070872	2070925	+	2	54	ATG	TGA	0	0	
mORF_+_2070986	2070986	2071105	+	2	120	GTG	TGA	0	0	
mORF_+_2071106	2071106	2071120	+	2	15	ATG	TGA	0	0	
mORF_+_2071148	2071148	2071177	+	2	30	ATG	TGA	0	0	
mORF_+_2071205	2071205	2071360	+	2	156	GTG	TGA	0	0	
mORF_+_2071385	2071385	2071483	+	2	99	ATG	TGA	0	0	
mORF_+_2071505	2071505	2071714	+	2	210	GTG	TGA	0	0	
mORF_+_2071730	2071730	2071774	+	2	45	ATG	TAA	0	0	
mORF_+_2071775	2071775	2071909	+	2	135	ATG	TGA	0	0	
mORF_+_2071922	2071922	2071939	+	2	18	TTG	TGA	0	0	
mORF_+_2071952	2071952	2072050	+	2	99	ATG	TGA	0	0	
mORF_+_2072076	2072076	2072084	+	3	9	GTG	TGA	0	0	
mORF_+_2072087	2072087	2072116	+	2	30	TTG	TGA	0	0	
mORF_+_2072258	2072258	2072287	+	2	30	ATG	TGA	0	0	
mORF_+_2072297	2072297	2072353	+	2	57	ATG	TGA	0	0	
mORF_+_2072357	2072357	2072413	+	2	57	TTG	TGA	0	0	
mORF_+_2072414	2072414	2072428	+	2	15	GTG	TGA	0	0	
mORF_+_2072433	2072433	2072642	+	3	210	GTG	TGA	0	0	
mORF_+_2072483	2072483	2072515	+	2	33	GTG	TGA	0	0	
mORF_+_2072534	2072534	2072668	+	2	135	ATG	TGA	1	2	pORF_+_2072534
mORF_+_2072669	2072669	2072674	+	2	6	ATG	TGA	0	0	
mORF_+_2072701	2072701	2072772	+	1	72	GTG	TAA	0	0	
mORF_+_2072780	2072780	2072800	+	2	21	ATG	TGA	0	0	
mORF_+_2072797	2072797	2074335	+	1	1539	GTG	TGA	0	0	
mORF_+_2072846	2072846	2072878	+	2	33	TTG	TAA	0	0	
mORF_+_2072916	2072916	2073047	+	3	132	GTG	TGA	0	0	
mORF_+_2073011	2073011	2073022	+	2	12	TTG	TGA	0	0	
mORF_+_2073044	2073044	2073091	+	2	48	TTG	TGA	0	0	
mORF_+_2073119	2073119	2073265	+	2	147	GTG	TGA	0	0	
mORF_+_2073243	2073243	2073434	+	3	192	GTG	TAA	0	0	
mORF_+_2073389	2073389	2073445	+	2	57	GTG	TGA	0	0	
mORF_+_2073438	2073438	2073476	+	3	39	GTG	TGA	0	0	
mORF_+_2073545	2073545	2073574	+	2	30	TTG	TGA	0	0	
mORF_+_2073578	2073578	2073622	+	2	45	ATG	TGA	0	0	
mORF_+_2073647	2073647	2073655	+	2	9	ATG	TGA	0	0	
mORF_+_2073698	2073698	2073817	+	2	120	ATG	TGA	0	0	
mORF_+_2073717	2073717	2073734	+	3	18	TTG	TGA	0	0	
mORF_+_2073830	2073830	2073964	+	2	135	ATG	TGA	0	0	
mORF_+_2073861	2073861	2073917	+	3	57	ATG	TGA	0	0	
mORF_+_2073998	2073998	2074081	+	2	84	ATG	TGA	0	0	
mORF_+_2074100	2074100	2074297	+	2	198	GTG	TGA	0	0	
mORF_+_2074164	2074164	2074184	+	3	21	TTG	TAG	0	0	
mORF_+_2074332	2074332	2074778	+	3	447	ATG	TAA	0	0	
mORF_+_2074393	2074393	2074443	+	1	51	ATG	TGA	0	0	
mORF_+_2074436	2074436	2074471	+	2	36	ATG	TGA	0	0	
mORF_+_2074468	2074468	2074494	+	1	27	GTG	TGA	0	0	
mORF_+_2074513	2074513	2074575	+	1	63	TTG	TGA	0	0	
mORF_+_2074597	2074597	2074728	+	1	132	ATG	TGA	0	0	
mORF_+_2074735	2074735	2074863	+	1	129	GTG	TGA	0	0	
mORF_+_2074841	2074841	2075062	+	2	222	ATG	TGA	0	0	
mORF_+_2074857	2074857	2075042	+	3	186	GTG	TGA	0	0	
mORF_+_2075063	2075063	2075125	+	2	63	GTG	TAA	0	0	
mORF_+_2075136	2075136	2075504	+	3	369	GTG	TAA	0	0	
mORF_+_2075192	2075192	2075251	+	2	60	GTG	TAA	0	0	
mORF_+_2075266	2075266	2075343	+	1	78	TTG	TGA	0	0	
mORF_+_2075374	2075374	2075382	+	1	9	GTG	TGA	0	0	
mORF_+_2075413	2075413	2075427	+	1	15	ATG	TGA	0	0	
mORF_+_2075453	2075453	2075458	+	2	6	TTG	TGA	0	0	
mORF_+_2075455	2075455	2075496	+	1	42	GTG	TGA	0	0	
mORF_+_2075535	2075535	2075651	+	3	117	GTG	TGA	0	0	
mORF_+_2075593	2075593	2075967	+	1	375	ATG	TGA	0	0	
mORF_+_2075648	2075648	2075707	+	2	60	TTG	TGA	0	0	
mORF_+_2075708	2075708	2075737	+	2	30	ATG	TGA	0	0	

mORF_+_2075738	2075738	2075782	+	2	45	TTG	TGA	0	0
mORF_+_2075769	2075769	2075774	+	3	6	GTG	TGA	0	0
mORF_+_2075964	2075964	2076158	+	3	195	ATG	TAA	0	0
mORF_+_2076019	2076019	2076057	+	1	39	TTG	TGA	0	0
mORF_+_2076100	2076100	2076171	+	1	72	ATG	TGA	0	0
mORF_+_2076168	2076168	2076284	+	3	117	GTG	TGA	0	0
mORF_+_2076238	2076238	2076396	+	1	159	ATG	TGA	0	0
mORF_+_2076281	2076281	2076325	+	2	45	GTG	TGA	0	0
mORF_+_2076378	2076378	2076407	+	3	30	ATG	TAG	0	0
mORF_+_2076430	2076430	2076462	+	1	33	GTG	TAG	0	0
mORF_+_2076443	2076443	2076523	+	2	81	ATG	TAA	0	0
mORF_+_2076465	2076465	2076473	+	3	9	TTG	TGA	0	0
mORF_+_2076480	2076480	2076569	+	3	90	ATG	TGA	0	0
mORF_+_2076566	2076566	2076586	+	2	21	TTG	TGA	0	0
mORF_+_2076580	2076580	2076897	+	1	318	TTG	TAA	0	0
mORF_+_2076599	2076599	2076955	+	2	357	ATG	TAA	0	0
mORF_+_2076654	2076654	2076737	+	3	84	ATG	TGA	0	0
mORF_+_2076789	2076789	2076797	+	3	9	TTG	TAG	0	0
mORF_+_2076888	2076888	2077019	+	3	132	GTG	TGA	0	0
mORF_+_2076949	2076949	2077002	+	1	54	TTG	TAA	0	0
mORF_+_2076962	2076962	2076976	+	2	15	TTG	TGA	0	0
mORF_+_2077009	2077009	2077047	+	1	39	ATG	TAA	0	0
mORF_+_2077016	2077016	2077090	+	2	75	ATG	TAG	0	0
mORF_+_2077023	2077023	2077043	+	3	21	TTG	TGA	0	0
mORF_+_2077102	2077102	2077152	+	1	51	TTG	TAA	0	0
mORF_+_2077183	2077183	2077236	+	1	54	ATG	TAA	0	0
mORF_+_2077205	2077205	2077231	+	2	27	TTG	TGA	0	0
mORF_+_2077246	2077246	2077302	+	1	57	TTG	TGA	0	0
mORF_+_2077311	2077311	2077367	+	3	57	TTG	TGA	0	0
mORF_+_2077318	2077318	2077407	+	1	90	TTG	TGA	0	0
mORF_+_2077364	2077364	2077378	+	2	15	ATG	TAG	0	0
mORF_+_2077404	2077404	2077424	+	3	21	GTG	TAA	0	0
mORF_+_2077470	2077470	2077592	+	3	123	ATG	TAG	0	0
mORF_+_2077513	2077513	2077605	+	1	93	TTG	TGA	0	0
mORF_+_2077605	2077605	2077832	+	3	228	ATG	TAA	0	0
mORF_+_2077618	2077618	2077635	+	1	18	ATG	TAA	0	0
mORF_+_2077643	2077643	2077681	+	2	39	TTG	TGA	0	0
mORF_+_2077678	2077678	2077689	+	1	12	TTG	TGA	0	0
mORF_+_2077726	2077726	2077767	+	1	42	TTG	TGA	0	0
mORF_+_2077795	2077795	2078061	+	1	267	ATG	TGA	0	0
mORF_+_2077839	2077839	2078009	+	3	171	ATG	TAG	0	0
mORF_+_2077862	2077862	2077870	+	2	9	ATG	TGA	0	0
mORF_+_2077934	2077934	2078116	+	2	183	TTG	TGA	0	0
mORF_+_2078010	2078010	2078039	+	3	30	ATG	TAA	0	0
mORF_+_2078058	2078058	2078159	+	3	102	TTG	TAA	0	0
mORF_+_2078101	2078101	2078262	+	1	162	ATG	TGA	0	0
mORF_+_2078126	2078126	2078143	+	2	18	GTG	TAA	0	0
mORF_+_2078150	2078150	2078365	+	2	216	TTG	TAA	0	0
mORF_+_2078259	2078259	2078324	+	3	66	TTG	TAA	0	0
mORF_+_2078272	2078272	2078565	+	1	294	TTG	TAA	0	0
mORF_+_2078352	2078352	2078372	+	3	21	TTG	TAA	0	0
mORF_+_2078441	2078441	2078452	+	2	12	TTG	TAA	0	0
mORF_+_2078528	2078528	2078740	+	2	213	ATG	TGA	0	0
mORF_+_2078550	2078550	2078597	+	3	48	ATG	TAA	0	0
mORF_+_2078709	2078709	2078714	+	3	6	GTG	TAA	0	0
mORF_+_2078737	2078737	2078793	+	1	57	TTG	TAA	0	0
mORF_+_2078778	2078778	2078816	+	3	39	GTG	TAG	0	0
mORF_+_2078816	2078816	2078911	+	2	96	GTG	TAA	0	0
mORF_+_2078824	2078824	2078946	+	1	123	TTG	TAA	0	0
mORF_+_2078877	2078877	2078888	+	3	12	TTG	TAA	0	0
mORF_+_2079033	2079033	2079068	+	3	36	ATG	TAA	0	0
mORF_+_2079087	2079087	2079134	+	3	48	GTG	TAA	0	0
mORF_+_2079112	2079112	2079273	+	1	162	GTG	TAA	0	0

mORF_+_2079168	2079168	2079281	+	3	114	TTG	TAG	0	0	
mORF_+_2079236	2079236	2079475	+	2	240	ATG	TAA	0	0	
mORF_+_2079285	2079285	2079323	+	3	39	ATG	TAG	0	0	
mORF_+_2079324	2079324	2079335	+	3	12	TTG	TAA	0	0	
mORF_+_2079351	2079351	2079617	+	3	267	GTG	TAG	0	0	
mORF_+_2079445	2079445	2079513	+	1	69	ATG	TAA	0	0	
mORF_+_2079548	2079548	2079559	+	2	12	TTG	TGA	0	0	
mORF_+_2079556	2079556	2079870	+	1	315	GTG	TGA	0	0	
mORF_+_2079596	2079596	2079724	+	2	129	GTG	TAG	0	0	
mORF_+_2079633	2079633	2079752	+	3	120	TTG	TAA	0	0	
mORF_+_2079758	2079758	2079811	+	2	54	TTG	TGA	0	0	
mORF_+_2079867	2079867	2080022	+	3	156	ATG	TAA	0	0	
mORF_+_2079895	2079895	2079975	+	1	81	ATG	TGA	0	0	
mORF_+_2079997	2079997	2080029	+	1	33	ATG	TAA	0	0	
mORF_+_2080038	2080038	2080199	+	3	162	ATG	TAA	0	0	
mORF_+_2080049	2080049	2080090	+	2	42	GTG	TGA	0	0	
mORF_+_2080087	2080087	2080110	+	1	24	TTG	TAG	0	0	
mORF_+_2080111	2080111	2080155	+	1	45	TTG	TAG	0	0	
mORF_+_2080253	2080253	2080309	+	2	57	GTG	TGA	0	0	
mORF_+_2080306	2080306	2080335	+	1	30	GTG	TGA	0	0	
mORF_+_2080332	2080332	2080490	+	3	159	ATG	TGA	0	0	
mORF_+_2080376	2080376	2080423	+	2	48	TTG	TGA	0	0	
mORF_+_2080393	2080393	2080404	+	1	12	TTG	TGA	0	0	
mORF_+_2080420	2080420	2080431	+	1	12	GTG	TGA	0	0	
mORF_+_2080435	2080435	2080443	+	1	9	GTG	TAA	0	0	
mORF_+_2080487	2080487	2080531	+	2	45	GTG	TAA	0	0	
mORF_+_2080498	2080498	2080656	+	1	159	ATG	TGA	0	0	
mORF_+_2080622	2080622	2080639	+	2	18	ATG	TAA	0	0	
mORF_+_2080641	2080641	2080727	+	3	87	GTG	TAG	0	0	
mORF_+_2080688	2080688	2080717	+	2	30	TTG	TAA	0	0	
mORF_+_2080708	2080708	2082207	+	1	1500	GTG	TAA	7	17	pORF_+_2080708
mORF_+_2080739	2080739	2080780	+	2	42	TTG	TAA	0	0	
mORF_+_2080787	2080787	2080855	+	2	69	ATG	TAG	0	0	
mORF_+_2080901	2080901	2080975	+	2	75	ATG	TAA	0	0	
mORF_+_2081030	2081030	2081236	+	2	207	TTG	TAA	0	0	
mORF_+_2081249	2081249	2081287	+	2	39	ATG	TAA	0	0	
mORF_+_2081297	2081297	2081371	+	2	75	ATG	TAA	0	0	
mORF_+_2081393	2081393	2081431	+	2	39	TTG	TGA	0	0	
mORF_+_2081441	2081441	2081458	+	2	18	TTG	TGA	0	0	
mORF_+_2081486	2081486	2081557	+	2	72	TTG	TAA	0	0	
mORF_+_2081493	2081493	2081540	+	3	48	ATG	TGA	0	0	
mORF_+_2081648	2081648	2081782	+	2	135	TTG	TGA	0	0	
mORF_+_2081694	2081694	2081756	+	3	63	ATG	TAA	0	0	
mORF_+_2081766	2081766	2081777	+	3	12	TTG	TAA	0	0	
mORF_+_2081792	2081792	2081920	+	2	129	GTG	TGA	0	0	
mORF_+_2081924	2081924	2082172	+	2	249	TTG	TAA	0	0	
mORF_+_2082180	2082180	2082212	+	3	33	TTG	TGA	0	0	
mORF_+_2082200	2082200	2082262	+	2	63	TTG	TGA	0	0	
mORF_+_2082259	2082259	2082381	+	1	123	TTG	TAA	0	0	
mORF_+_2082266	2082266	2082298	+	2	33	GTG	TGA	0	0	
mORF_+_2082305	2082305	2082691	+	2	387	GTG	TAA	0	0	
mORF_+_2082336	2082336	2082395	+	3	60	GTG	TGA	0	0	
mORF_+_2082417	2082417	2082428	+	3	12	TTG	TGA	0	0	
mORF_+_2082429	2082429	2082470	+	3	42	GTG	TAA	0	0	
mORF_+_2082496	2082496	2082579	+	1	84	TTG	TAA	0	0	
mORF_+_2082613	2082613	2082624	+	1	12	TTG	TAA	0	0	
mORF_+_2082703	2082703	2082762	+	1	60	ATG	TAA	0	0	
mORF_+_2082710	2082710	2082766	+	2	57	TTG	TGA	0	0	
mORF_+_2082750	2082750	2082980	+	3	231	TTG	TGA	0	0	
mORF_+_2082763	2082763	2082807	+	1	45	ATG	TAA	0	0	
mORF_+_2082836	2082836	2082871	+	2	36	TTG	TAA	0	0	
mORF_+_2082853	2082853	2082864	+	1	12	TTG	TGA	0	0	
mORF_+_2082889	2082889	2082933	+	1	45	TTG	TGA	0	0	

mORF_+_2082953	2082953	2083006	+	2	54	ATG	TAA	0	0
mORF_+_2083017	2083017	2083139	+	3	123	TTG	TAG	0	0
mORF_+_2083024	2083024	2083104	+	1	81	TTG	TAA	0	0
mORF_+_2083124	2083124	2083159	+	2	36	ATG	TAA	0	0
mORF_+_2083169	2083169	2083360	+	2	192	ATG	TAG	0	0
mORF_+_2083171	2083171	2083209	+	1	39	GTG	TGA	0	0
mORF_+_2083206	2083206	2083352	+	3	147	GTG	TAA	0	0
mORF_+_2083394	2083394	2083525	+	2	132	TTG	TAG	0	0
mORF_+_2083405	2083405	2083497	+	1	93	TTG	TGA	0	0
mORF_+_2083428	2083428	2083556	+	3	129	ATG	TAA	0	0
mORF_+_2083540	2083540	2083551	+	1	12	TTG	TAA	0	0
mORF_+_2083565	2083565	2083615	+	2	51	ATG	TAA	0	0
mORF_+_2083569	2083569	2083628	+	3	60	ATG	TAA	0	0
mORF_+_2083597	2083597	2083674	+	1	78	GTG	TAA	0	0
mORF_+_2083649	2083649	2083777	+	2	129	ATG	TGA	0	0
mORF_+_2083690	2083690	2083791	+	1	102	ATG	TAA	0	0
mORF_+_2083829	2083829	2083849	+	2	21	TTG	TAA	0	0
mORF_+_2083905	2083905	2084273	+	3	369	GTG	TGA	0	0
mORF_+_2083921	2083921	2084106	+	1	186	TTG	TAA	0	0
mORF_+_2084012	2084012	2084035	+	2	24	TTG	TGA	0	0
mORF_+_2084036	2084036	2084068	+	2	33	TTG	TGA	0	0
mORF_+_2084203	2084203	2084328	+	1	126	ATG	TAA	0	0
mORF_+_2084270	2084270	2084290	+	2	21	GTG	TAA	0	0
mORF_+_2084330	2084330	2084341	+	2	12	TTG	TGA	0	0
mORF_+_2084338	2084338	2084562	+	1	225	ATG	TAA	0	0
mORF_+_2084462	2084462	2084476	+	2	15	TTG	TAA	0	0
mORF_+_2084490	2084490	2084744	+	3	255	ATG	TAG	0	0
mORF_+_2084510	2084510	2084623	+	2	114	ATG	TGA	0	0
mORF_+_2084569	2084569	2084730	+	1	162	ATG	TAG	0	0
mORF_+_2084699	2084699	2084752	+	2	54	ATG	TGA	0	0
mORF_+_2084746	2084746	2084772	+	1	27	ATG	TAG	0	0
mORF_+_2084818	2084818	2084835	+	1	18	ATG	TAA	0	0
mORF_+_2084836	2084836	2084862	+	1	27	GTG	TAG	0	0
mORF_+_2084840	2084840	2084896	+	2	57	ATG	TAA	0	0
mORF_+_2084912	2084912	2084950	+	2	39	ATG	TGA	0	0
mORF_+_2084937	2084937	2084957	+	3	21	ATG	TGA	0	0
mORF_+_2084947	2084947	2085000	+	1	54	GTG	TAG	0	0
mORF_+_2085061	2085061	2085222	+	1	162	GTG	TGA	0	0
mORF_+_2085065	2085065	2085073	+	2	9	TTG	TAA	0	0
mORF_+_2085078	2085078	2085107	+	3	30	ATG	TGA	0	0
mORF_+_2085104	2085104	2085121	+	2	18	GTG	TAA	0	0
mORF_+_2085143	2085143	2085178	+	2	36	TTG	TAG	0	0
mORF_+_2085210	2085210	2085218	+	3	9	TTG	TGA	0	0
mORF_+_2085215	2085215	2085253	+	2	39	ATG	TGA	0	0
mORF_+_2085219	2085219	2085302	+	3	84	ATG	TAA	0	0
mORF_+_2085223	2085223	2085231	+	1	9	TTG	TGA	0	0
mORF_+_2085253	2085253	2085282	+	1	30	ATG	TGA	0	0
mORF_+_2085293	2085293	2085328	+	2	36	TTG	TGA	0	0
mORF_+_2085295	2085295	2085345	+	1	51	GTG	TAA	0	0
mORF_+_2085303	2085303	2085317	+	3	15	ATG	TGA	0	0
mORF_+_2085357	2085357	2085389	+	3	33	ATG	TAA	0	0
mORF_+_2085382	2085382	2085585	+	1	204	TTG	TAA	0	0
mORF_+_2085494	2085494	2085520	+	2	27	TTG	TAA	0	0
mORF_+_2085542	2085542	2085562	+	2	21	TTG	TAA	0	0
mORF_+_2085587	2085587	2085652	+	2	66	TTG	TGA	0	0
mORF_+_2085600	2085600	2085755	+	3	156	TTG	TGA	0	0
mORF_+_2085649	2085649	2085660	+	1	12	GTG	TAG	0	0
mORF_+_2085752	2085752	2085799	+	2	48	ATG	TGA	0	0
mORF_+_2085796	2085796	2085849	+	1	54	GTG	TAA	0	0
mORF_+_2085830	2085830	2085883	+	2	54	ATG	TGA	0	0
mORF_+_2085880	2085880	2085903	+	1	24	ATG	TGA	0	0
mORF_+_2085900	2085900	2085929	+	3	30	TTG	TGA	0	0
mORF_+_2085926	2085926	2086084	+	2	159	ATG	TAA	0	0

mORF_+_2085948	2085948	2086142	+	3	195	ATG	TGA	0	0	
mORF_+_2085952	2085952	2086029	+	1	78	GTG	TGA	0	0	
mORF_+_2086118	2086118	2086243	+	2	126	GTG	TAA	0	0	
mORF_+_2086164	2086164	2086169	+	3	6	TTG	TGA	0	0	
mORF_+_2086173	2086173	2086178	+	3	6	GTG	TAA	0	0	
mORF_+_2086197	2086197	2086202	+	3	6	TTG	TAG	0	0	
mORF_+_2086206	2086206	2086484	+	3	279	TTG	TAG	0	0	
mORF_+_2086273	2086273	2086323	+	1	51	GTG	TGA	0	0	
mORF_+_2086298	2086298	2086465	+	2	168	GTG	TAA	0	0	
mORF_+_2086502	2086502	2086552	+	2	51	GTG	TAA	0	0	
mORF_+_2086527	2086527	2086652	+	3	126	ATG	TGA	0	0	
mORF_+_2086543	2086543	2086563	+	1	21	GTG	TGA	0	0	
mORF_+_2086586	2086586	2086594	+	2	9	ATG	TAA	0	0	
mORF_+_2086604	2086604	2086708	+	2	105	ATG	TAA	0	0	
mORF_+_2086710	2086710	2086808	+	3	99	TTG	TAG	0	0	
mORF_+_2086712	2086712	2086738	+	2	27	GTG	TAA	0	0	
mORF_+_2086793	2086793	2086819	+	2	27	TTG	TGA	0	0	
mORF_+_2086813	2086813	2086827	+	1	15	ATG	TAA	0	0	
mORF_+_2086833	2086833	2086892	+	3	60	ATG	TAG	0	0	
mORF_+_2086847	2086847	2086870	+	2	24	ATG	TAA	0	0	
mORF_+_2086874	2086874	2086888	+	2	15	TTG	TAA	0	0	
mORF_+_2086918	2086918	2086932	+	1	15	GTG	TAA	0	0	
mORF_+_2086932	2086932	2087012	+	3	81	ATG	TAG	0	0	
mORF_+_2087019	2087019	2087195	+	3	177	ATG	TAG	0	0	
mORF_+_2087051	2087051	2087092	+	2	42	TTG	TGA	0	0	
mORF_+_2087053	2087053	2087073	+	1	21	GTG	TGA	0	0	
mORF_+_2087095	2087095	2087166	+	1	72	GTG	TGA	0	0	
mORF_+_2087221	2087221	2087241	+	1	21	ATG	TAA	0	0	
mORF_+_2087225	2087225	2087263	+	2	39	ATG	TGA	0	0	
mORF_+_2087241	2087241	2087270	+	3	30	ATG	TGA	0	0	
mORF_+_2087260	2087260	2087454	+	1	195	ATG	TAA	0	0	
mORF_+_2087267	2087267	2087281	+	2	15	GTG	TAA	0	0	
mORF_+_2087298	2087298	2087333	+	3	36	GTG	TGA	0	0	
mORF_+_2087340	2087340	2087465	+	3	126	ATG	TGA	0	0	
mORF_+_2087375	2087375	2087398	+	2	24	ATG	TGA	0	0	
mORF_+_2087462	2087462	2087521	+	2	60	ATG	TGA	0	0	
mORF_+_2087493	2087493	2087582	+	3	90	ATG	TAA	0	0	
mORF_+_2087536	2087536	2087562	+	1	27	TTG	TAG	0	0	
mORF_+_2087601	2087601	2087645	+	3	45	TTG	TGA	0	0	
mORF_+_2087614	2087614	2087652	+	1	39	GTG	TAA	0	0	
mORF_+_2087666	2087666	2087788	+	2	123	ATG	TAA	0	0	
mORF_+_2087689	2087689	2087727	+	1	39	TTG	TAA	0	0	
mORF_+_2087728	2087728	2087784	+	1	57	TTG	TAA	0	0	
mORF_+_2087736	2087736	2087774	+	3	39	ATG	TGA	0	0	
mORF_+_2087805	2087805	2087810	+	3	6	TTG	TAG	0	0	
mORF_+_2087820	2087820	2087888	+	3	69	TTG	TAG	0	0	
mORF_+_2087855	2087855	2087962	+	2	108	TTG	TAA	0	0	
mORF_+_2087926	2087926	2087934	+	1	9	TTG	TAA	0	0	
mORF_+_2087952	2087952	2087978	+	3	27	TTG	TAG	0	0	
mORF_+_2087994	2087994	2088023	+	3	30	TTG	TGA	0	0	
mORF_+_2088020	2088020	2088070	+	2	51	ATG	TAG	0	0	
mORF_+_2088082	2088082	2088180	+	1	99	ATG	TGA	0	0	
mORF_+_2088084	2088084	2088122	+	3	39	GTG	TGA	0	0	
mORF_+_2088086	2088086	2088130	+	2	45	GTG	TGA	0	0	
mORF_+_2088177	2088177	2089115	+	3	939	TTG	TGA	62	1757	pORF_+_2088177
mORF_+_2088268	2088268	2088333	+	1	66	GTG	TGA	0	0	
mORF_+_2088358	2088358	2088402	+	1	45	TTG	TAA	0	0	
mORF_+_2088406	2088406	2088417	+	1	12	ATG	TAG	0	0	
mORF_+_2088421	2088421	2088582	+	1	162	TTG	TAA	0	0	
mORF_+_2088679	2088679	2088801	+	1	123	TTG	TGA	0	0	
mORF_+_2088716	2088716	2088754	+	2	39	TTG	TAA	0	0	
mORF_+_2088811	2088811	2088843	+	1	33	ATG	TGA	0	0	
mORF_+_2088871	2088871	2088876	+	1	6	GTG	TGA	0	0	

mORF_+_2088931	2088931	2089005	+	1	75	ATG	TAG	0	0	
mORF_+_2089069	2089069	2089107	+	1	39	GTG	TGA	0	0	
mORF_+_2089112	2089112	2090425	+	2	1314	GTG	TGA	62	988	pORF_+_2089112
mORF_+_2089140	2089140	2089184	+	3	45	TTG	TAA	0	0	
mORF_+_2089263	2089263	2089319	+	3	57	ATG	TGA	0	0	
mORF_+_2089404	2089404	2089442	+	3	39	TTG	TAG	0	0	
mORF_+_2089443	2089443	2089448	+	3	6	ATG	TAG	0	0	
mORF_+_2089468	2089468	2089584	+	1	117	TTG	TAA	0	0	
mORF_+_2089500	2089500	2089550	+	3	51	TTG	TAA	0	0	
mORF_+_2089572	2089572	2089784	+	3	213	TTG	TGA	0	0	
mORF_+_2089597	2089597	2089623	+	1	27	GTG	TGA	0	0	
mORF_+_2089645	2089645	2089668	+	1	24	GTG	TAA	0	0	
mORF_+_2089800	2089800	2089844	+	3	45	GTG	TGA	0	0	
mORF_+_2089845	2089845	2089925	+	3	81	TTG	TGA	0	0	
mORF_+_2089962	2089962	2090027	+	3	66	TTG	TGA	0	0	
mORF_+_2090065	2090065	2090130	+	1	66	GTG	TGA	0	0	
mORF_+_2090127	2090127	2090291	+	3	165	GTG	TGA	1	0	pORF_+_2090127
mORF_+_2090382	2090382	2090456	+	3	75	ATG	TGA	0	0	
mORF_+_2090422	2090422	2091492	+	1	1071	ATG	TGA	37	358	pORF_+_2090422
mORF_+_2090453	2090453	2090473	+	2	21	GTG	TGA	0	0	
mORF_+_2090513	2090513	2090524	+	2	12	ATG	TGA	0	0	
mORF_+_2090592	2090592	2090615	+	3	24	ATG	TGA	0	0	
mORF_+_2090612	2090612	2090641	+	2	30	TTG	TAA	0	0	
mORF_+_2090666	2090666	2090695	+	2	30	GTG	TGA	0	0	
mORF_+_2090706	2090706	2090720	+	3	15	TTG	TAA	0	0	
mORF_+_2090780	2090780	2090863	+	2	84	TTG	TAA	0	0	
mORF_+_2090790	2090790	2090891	+	3	102	GTG	TAA	0	0	
mORF_+_2090873	2090873	2090908	+	2	36	ATG	TGA	0	0	
mORF_+_2090960	2090960	2091130	+	2	171	TTG	TGA	0	0	
mORF_+_2090991	2090991	2091308	+	3	318	TTG	TGA	0	0	
mORF_+_2091167	2091167	2091193	+	2	27	TTG	TAA	0	0	
mORF_+_2091239	2091239	2091259	+	2	21	TTG	TGA	0	0	
mORF_+_2091260	2091260	2091271	+	2	12	TTG	TGA	0	0	
mORF_+_2091344	2091344	2091412	+	2	69	GTG	TAA	0	0	
mORF_+_2091363	2091363	2091389	+	3	27	GTG	TGA	0	0	
mORF_+_2091443	2091443	2091538	+	2	96	GTG	TAG	0	0	
mORF_+_2091489	2091489	2092559	+	3	1071	TTG	TAA	45	346	pORF_+_2091489
mORF_+_2091523	2091523	2091534	+	1	12	ATG	TGA	0	0	
mORF_+_2091550	2091550	2091600	+	1	51	GTG	TGA	0	0	
mORF_+_2091661	2091661	2091717	+	1	57	ATG	TGA	0	0	
mORF_+_2091751	2091751	2091765	+	1	15	TTG	TGA	0	0	
mORF_+_2091767	2091767	2091790	+	2	24	TTG	TGA	0	0	
mORF_+_2091787	2091787	2091816	+	1	30	ATG	TAA	0	0	
mORF_+_2091791	2091791	2091805	+	2	15	GTG	TAA	0	0	
mORF_+_2091868	2091868	2091873	+	1	6	ATG	TGA	0	0	
mORF_+_2091874	2091874	2091951	+	1	78	TTG	TGA	0	0	
mORF_+_2091964	2091964	2092005	+	1	42	TTG	TAG	0	0	
mORF_+_2092030	2092030	2092221	+	1	192	TTG	TAA	0	0	
mORF_+_2092043	2092043	2092057	+	2	15	GTG	TGA	0	0	
mORF_+_2092250	2092250	2092336	+	2	87	TTG	TAA	0	0	
mORF_+_2092258	2092258	2092383	+	1	126	TTG	TGA	0	0	
mORF_+_2092465	2092465	2092470	+	1	6	GTG	TAG	0	0	
mORF_+_2092489	2092489	2092578	+	1	90	TTG	TGA	0	0	
mORF_+_2092559	2092559	2093149	+	2	591	ATG	TGA	24	155	pORF_+_2092559
mORF_+_2092575	2092575	2092598	+	3	24	TTG	TGA	0	0	
mORF_+_2092617	2092617	2092793	+	3	177	TTG	TAG	0	0	
mORF_+_2092884	2092884	2093129	+	3	246	TTG	TGA	0	0	
mORF_+_2093011	2093011	2093031	+	1	21	GTG	TAA	0	0	
mORF_+_2093146	2093146	2093886	+	1	741	GTG	TAA	32	385	pORF_+_2093146
mORF_+_2093273	2093273	2093302	+	2	30	GTG	TGA	0	0	
mORF_+_2093381	2093381	2093446	+	2	66	TTG	TAG	0	0	
mORF_+_2093495	2093495	2093521	+	2	27	TTG	TAG	0	0	
mORF_+_2093534	2093534	2093644	+	2	111	ATG	TGA	0	0	

mORF_+_2093648	2093648	2093815	+	2	168	ATG	TAA	0	0	
mORF_+_2093655	2093655	2093696	+	3	42	GTG	TAA	0	0	
mORF_+_2093718	2093718	2093774	+	3	57	GTG	TGA	0	0	
mORF_+_2093819	2093819	2093854	+	2	36	TTG	TGA	0	0	
mORF_+_2093868	2093868	2094644	+	3	777	ATG	TAA	35	349	pORF_+_2093868
mORF_+_2093891	2093891	2093908	+	2	18	ATG	TGA	0	0	
mORF_+_2093905	2093905	2093922	+	1	18	GTG	TGA	0	0	
mORF_+_2093944	2093944	2094051	+	1	108	ATG	TAG	0	0	
mORF_+_2094098	2094098	2094118	+	2	21	TTG	TAA	0	0	
mORF_+_2094100	2094100	2094204	+	1	105	GTG	TAA	0	0	
mORF_+_2094226	2094226	2094294	+	1	69	TTG	TGA	0	0	
mORF_+_2094236	2094236	2094256	+	2	21	GTG	TGA	0	0	
mORF_+_2094310	2094310	2094402	+	1	93	ATG	TGA	0	0	
mORF_+_2094335	2094335	2094424	+	2	90	ATG	TAA	0	0	
mORF_+_2094457	2094457	2094480	+	1	24	GTG	TGA	0	0	
mORF_+_2094464	2094464	2094544	+	2	81	TTG	TGA	0	0	
mORF_+_2094481	2094481	2094582	+	1	102	TTG	TAA	0	0	
mORF_+_2094589	2094589	2094600	+	1	12	TTG	TAA	0	0	
mORF_+_2094638	2094638	2095249	+	2	612	ATG	TGA	13	61	pORF_+_2094638
mORF_+_2094702	2094702	2094734	+	3	33	TTG	TAA	0	0	
mORF_+_2094820	2094820	2095092	+	1	273	GTG	TGA	0	0	
mORF_+_2094867	2094867	2095145	+	3	279	TTG	TGA	0	0	
mORF_+_2095221	2095221	2095436	+	3	216	TTG	TAA	0	0	
mORF_+_2095246	2095246	2095368	+	1	123	GTG	TAG	0	0	
mORF_+_2095274	2095274	2095333	+	2	60	TTG	TAA	0	0	
mORF_+_2095355	2095355	2095360	+	2	6	TTG	TAA	0	0	
mORF_+_2095361	2095361	2095489	+	2	129	TTG	TAA	0	0	
mORF_+_2095437	2095437	2095466	+	3	30	TTG	TAG	0	0	
mORF_+_2095498	2095498	2095524	+	1	27	ATG	TAA	0	0	
mORF_+_2095546	2095546	2095782	+	1	237	TTG	TAA	0	0	
mORF_+_2095566	2095566	2095604	+	3	39	TTG	TAA	0	0	
mORF_+_2095650	2095650	2095655	+	3	6	GTG	TGA	0	0	
mORF_+_2095652	2095652	2095675	+	2	24	GTG	TGA	0	0	
mORF_+_2095686	2095686	2095826	+	3	141	TTG	TGA	0	0	
mORF_+_2095814	2095814	2095846	+	2	33	ATG	TGA	0	0	
mORF_+_2095843	2095843	2095938	+	1	96	TTG	TAA	0	0	
mORF_+_2095871	2095871	2095921	+	2	51	ATG	TAA	0	0	
mORF_+_2095893	2095893	2095952	+	3	60	GTG	TAA	0	0	
mORF_+_2095939	2095939	2096010	+	1	72	TTG	TAA	0	0	
mORF_+_2095964	2095964	2095990	+	2	27	ATG	TGA	0	0	
mORF_+_2096010	2096010	2096030	+	3	21	ATG	TGA	0	0	
mORF_+_2096070	2096070	2096090	+	3	21	GTG	TAA	0	0	
mORF_+_2096096	2096096	2096110	+	2	15	ATG	TAG	0	0	
mORF_+_2096119	2096119	2096154	+	1	36	TTG	TGA	0	0	
mORF_+_2096138	2096138	2096368	+	2	231	GTG	TAG	1	3	pORF_+_2096138
mORF_+_2096145	2096145	2096192	+	3	48	TTG	TAG	0	0	
mORF_+_2096226	2096226	2096336	+	3	111	TTG	TAA	0	0	
mORF_+_2096287	2096287	2096340	+	1	54	ATG	TGA	0	0	
mORF_+_2096380	2096380	2096397	+	1	18	GTG	TAA	0	0	
mORF_+_2096384	2096384	2096392	+	2	9	ATG	TAG	0	0	
mORF_+_2096398	2096398	2096454	+	1	57	GTG	TAG	0	0	
mORF_+_2096415	2096415	2096429	+	3	15	TTG	TAA	0	0	
mORF_+_2096420	2096420	2096425	+	2	6	GTG	TAA	0	0	
mORF_+_2096468	2096468	2096611	+	2	144	ATG	TGA	0	0	
mORF_+_2096496	2096496	2096636	+	3	141	GTG	TAG	0	0	
mORF_+_2096608	2096608	2096640	+	1	33	ATG	TGA	0	0	
mORF_+_2096637	2096637	2096684	+	3	48	ATG	TGA	0	0	
mORF_+_2096747	2096747	2096761	+	2	15	TTG	TGA	0	0	
mORF_+_2096754	2096754	2096846	+	3	93	TTG	TAG	0	0	
mORF_+_2096758	2096758	2096781	+	1	24	GTG	TAA	0	0	
mORF_+_2096812	2096812	2097006	+	1	195	TTG	TAA	0	0	
mORF_+_2096862	2096862	2096885	+	3	24	TTG	TAA	0	0	
mORF_+_2096907	2096907	2096915	+	3	9	TTG	TAA	0	0	

mORF_+_2096915	2096915	2096977	+	2	63	ATG	TAA	0	0
mORF_+_2096919	2096919	2096960	+	3	42	TTG	TGA	0	0
mORF_+_2097033	2097033	2097191	+	3	159	GTG	TAA	0	0
mORF_+_2097037	2097037	2097051	+	1	15	TTG	TAA	0	0
mORF_+_2097095	2097095	2097118	+	2	24	TTG	TAA	0	0
mORF_+_2097169	2097169	2097231	+	1	63	GTG	TAA	0	0
mORF_+_2097176	2097176	2097289	+	2	114	ATG	TGA	0	0
mORF_+_2097240	2097240	2097311	+	3	72	GTG	TAA	0	0
mORF_+_2097286	2097286	2097294	+	1	9	TTG	TGA	0	0
mORF_+_2097355	2097355	2097363	+	1	9	ATG	TGA	0	0
mORF_+_2097360	2097360	2097368	+	3	9	TTG	TAA	0	0
mORF_+_2097391	2097391	2097405	+	1	15	TTG	TGA	0	0
mORF_+_2097396	2097396	2097413	+	3	18	GTG	TAA	0	0
mORF_+_2097445	2097445	2097456	+	1	12	ATG	TAA	0	0
mORF_+_2097447	2097447	2097488	+	3	42	GTG	TGA	0	0
mORF_+_2097458	2097458	2097472	+	2	15	GTG	TGA	0	0
mORF_+_2097473	2097473	2097541	+	2	69	TTG	TGA	0	0
mORF_+_2097538	2097538	2097630	+	1	93	GTG	TGA	0	0
mORF_+_2097569	2097569	2097586	+	2	18	ATG	TAG	0	0
mORF_+_2097624	2097624	2097656	+	3	33	ATG	TAA	0	0
mORF_+_2097641	2097641	2097661	+	2	21	ATG	TAA	0	0
mORF_+_2097664	2097664	2097765	+	1	102	GTG	TAA	0	0
mORF_+_2097671	2097671	2097691	+	2	21	ATG	TGA	0	0
mORF_+_2097725	2097725	2097775	+	2	51	ATG	TGA	0	0
mORF_+_2097800	2097800	2097817	+	2	18	GTG	TAA	0	0
mORF_+_2097823	2097823	2097879	+	1	57	TTG	TAA	0	0
mORF_+_2097869	2097869	2097889	+	2	21	TTG	TAA	0	0
mORF_+_2097904	2097904	2098947	+	1	1044	ATG	TGA	0	0
mORF_+_2097963	2097963	2098115	+	3	153	GTG	TGA	0	0
mORF_+_2098112	2098112	2098162	+	2	51	TTG	TAA	0	0
mORF_+_2098146	2098146	2098172	+	3	27	GTG	TGA	0	0
mORF_+_2098169	2098169	2098237	+	2	69	GTG	TAG	0	0
mORF_+_2098250	2098250	2098279	+	2	30	TTG	TGA	0	0
mORF_+_2098307	2098307	2098411	+	2	105	TTG	TGA	0	0
mORF_+_2098368	2098368	2098394	+	3	27	GTG	TAG	0	0
mORF_+_2098395	2098395	2098454	+	3	60	ATG	TAA	0	0
mORF_+_2098514	2098514	2098552	+	2	39	TTG	TAG	0	0
mORF_+_2098571	2098571	2098606	+	2	36	TTG	TAA	0	0
mORF_+_2098658	2098658	2098693	+	2	36	TTG	TAG	0	0
mORF_+_2098733	2098733	2098738	+	2	6	TTG	TGA	0	0
mORF_+_2098788	2098788	2098874	+	3	87	ATG	TAA	0	0
mORF_+_2098820	2098820	2098849	+	2	30	TTG	TAG	0	0
mORF_+_2098925	2098925	2099131	+	2	207	ATG	TAG	0	0
mORF_+_2099025	2099025	2099033	+	3	9	ATG	TGA	0	0
mORF_+_2099147	2099147	2099215	+	2	69	TTG	TAA	0	0
mORF_+_2099228	2099228	2099314	+	2	87	ATG	TGA	0	0
mORF_+_2099281	2099281	2099376	+	1	96	TTG	TAA	0	0
mORF_+_2099327	2099327	2099356	+	2	30	ATG	TAA	0	0
mORF_+_2099343	2099343	2099387	+	3	45	ATG	TAG	0	0
mORF_+_2099395	2099395	2099493	+	1	99	ATG	TAA	0	0
mORF_+_2099403	2099403	2099429	+	3	27	ATG	TGA	0	0
mORF_+_2099426	2099426	2099437	+	2	12	GTG	TGA	0	0
mORF_+_2099454	2099454	2099549	+	3	96	TTG	TGA	0	0
mORF_+_2099507	2099507	2099527	+	2	21	GTG	TGA	0	0
mORF_+_2099524	2099524	2099595	+	1	72	TTG	TGA	0	0
mORF_+_2099546	2099546	2099686	+	2	141	ATG	TGA	0	0
mORF_+_2099704	2099704	2099754	+	1	51	ATG	TAG	0	0
mORF_+_2099761	2099761	2099772	+	1	12	TTG	TAA	0	0
mORF_+_2099778	2099778	2099810	+	3	33	GTG	TGA	0	0
mORF_+_2099831	2099831	2099881	+	2	51	ATG	TAG	0	0
mORF_+_2099835	2099835	2099858	+	3	24	TTG	TAA	0	0
mORF_+_2099859	2099859	2099867	+	3	9	ATG	TGA	0	0
mORF_+_2099922	2099922	2099984	+	3	63	GTG	TAA	0	0

mORF_+_2099968	2099968	2100234	+	1	267	TTG	TAG	0	0
mORF_+_2099994	2099994	2100248	+	3	255	TTG	TGA	0	0
mORF_+_2100065	2100065	2100115	+	2	51	ATG	TGA	0	0
mORF_+_2100134	2100134	2100292	+	2	159	GTG	TGA	0	0
mORF_+_2100255	2100255	2100623	+	3	369	TTG	TAA	0	0
mORF_+_2100289	2100289	2100387	+	1	99	TTG	TGA	0	0
mORF_+_2100388	2100388	2100405	+	1	18	TTG	TGA	0	0
mORF_+_2100433	2100433	2100489	+	1	57	TTG	TGA	0	0
mORF_+_2100452	2100452	2100463	+	2	12	GTG	TGA	0	0
mORF_+_2100496	2100496	2100555	+	1	60	ATG	TGA	0	0
mORF_+_2100583	2100583	2100711	+	1	129	ATG	TGA	0	0
mORF_+_2100696	2100696	2100719	+	3	24	ATG	TAG	0	0
mORF_+_2100712	2100712	2100738	+	1	27	ATG	TAA	0	0
mORF_+_2100760	2100760	2100768	+	1	9	TTG	TAA	0	0
mORF_+_2100778	2100778	2100849	+	1	72	ATG	TGA	0	0
mORF_+_2100795	2100795	2100971	+	3	177	TTG	TAA	0	0
mORF_+_2100800	2100800	2100865	+	2	66	ATG	TGA	0	0
mORF_+_2100898	2100898	2100978	+	1	81	ATG	TAA	0	0
mORF_+_2100953	2100953	2101030	+	2	78	TTG	TAA	0	0
mORF_+_2100984	2100984	2100995	+	3	12	ATG	TAA	0	0
mORF_+_2101033	2101033	2101038	+	1	6	ATG	TAA	0	0
mORF_+_2101068	2101068	2101076	+	3	9	ATG	TAA	0	0
mORF_+_2101110	2101110	2101136	+	3	27	ATG	TGA	0	0
mORF_+_2101126	2101126	2101293	+	1	168	ATG	TAA	0	0
mORF_+_2101133	2101133	2101165	+	2	33	ATG	TAA	0	0
mORF_+_2101304	2101304	2101330	+	2	27	TTG	TAG	0	0
mORF_+_2101330	2101330	2101362	+	1	33	GTG	TAA	0	0
mORF_+_2101367	2101367	2101375	+	2	9	TTG	TAG	0	0
mORF_+_2101381	2101381	2101431	+	1	51	ATG	TAA	0	0
mORF_+_2101418	2101418	2101444	+	2	27	ATG	TAG	0	0
mORF_+_2101482	2101482	2101592	+	3	111	ATG	TAA	0	0
mORF_+_2101489	2101489	2101512	+	1	24	TTG	TGA	0	0
mORF_+_2101615	2101615	2101656	+	1	42	ATG	TAG	0	0
mORF_+_2101678	2101678	2101692	+	1	15	ATG	TAG	0	0
mORF_+_2101727	2101727	2101999	+	2	273	ATG	TAA	0	0
mORF_+_2101804	2101804	2101830	+	1	27	TTG	TGA	0	0
mORF_+_2101851	2101851	2101898	+	3	48	TTG	TAA	0	0
mORF_+_2101873	2101873	2101884	+	1	12	TTG	TAA	0	0
mORF_+_2101912	2101912	2101959	+	1	48	GTG	TAA	0	0
mORF_+_2102022	2102022	2102078	+	3	57	ATG	TGA	0	0
mORF_+_2102072	2102072	2102131	+	2	60	TTG	TAG	0	0
mORF_+_2102103	2102103	2102192	+	3	90	ATG	TAA	0	0
mORF_+_2102197	2102197	2102232	+	1	36	GTG	TAG	0	0
mORF_+_2102207	2102207	2102293	+	2	87	ATG	TGA	0	0
mORF_+_2102232	2102232	2102384	+	3	153	GTG	TAA	0	0
mORF_+_2102290	2102290	2102349	+	1	60	TTG	TAA	0	0
mORF_+_2102321	2102321	2102335	+	2	15	GTG	TAG	0	0
mORF_+_2102377	2102377	2102403	+	1	27	ATG	TAG	0	0
mORF_+_2102408	2102408	2102416	+	2	9	ATG	TAA	0	0
mORF_+_2102416	2102416	2102424	+	1	9	ATG	TAA	0	0
mORF_+_2102449	2102449	2102478	+	1	30	TTG	TAA	0	0
mORF_+_2102472	2102472	2102564	+	3	93	ATG	TGA	0	0
mORF_+_2102479	2102479	2102496	+	1	18	ATG	TAA	0	0
mORF_+_2102537	2102537	2102548	+	2	12	TTG	TGA	0	0
mORF_+_2102545	2102545	2102718	+	1	174	ATG	TGA	0	0
mORF_+_2102549	2102549	2102791	+	2	243	TTG	TGA	0	0
mORF_+_2102568	2102568	2102588	+	3	21	TTG	TGA	0	0
mORF_+_2102655	2102655	2102780	+	3	126	TTG	TAA	0	0
mORF_+_2102773	2102773	2102859	+	1	87	GTG	TGA	0	0
mORF_+_2102817	2102817	2102825	+	3	9	TTG	TAA	0	0
mORF_+_2102856	2102856	2102882	+	3	27	TTG	TAA	0	0
mORF_+_2102866	2102866	2103045	+	1	180	ATG	TAA	0	0
mORF_+_2102922	2102922	2102936	+	3	15	ATG	TGA	0	0

mORF_+_2102949	2102949	2102954	+	3	6	TTG	TGA	0	0
mORF_+_2102951	2102951	2102995	+	2	45	GTG	TAG	0	0
mORF_+_2103172	2103172	2103186	+	1	15	TTG	TAA	0	0
mORF_+_2103188	2103188	2103244	+	2	57	TTG	TGA	0	0
mORF_+_2103205	2103205	2103240	+	1	36	TTG	TGA	0	0
mORF_+_2103210	2103210	2103335	+	3	126	ATG	TAA	0	0
mORF_+_2103241	2103241	2103279	+	1	39	TTG	TGA	0	0
mORF_+_2103325	2103325	2103360	+	1	36	TTG	TAA	0	0
mORF_+_2103347	2103347	2103367	+	2	21	ATG	TAA	0	0
mORF_+_2103417	2103417	2103464	+	3	48	ATG	TGA	0	0
mORF_+_2103428	2103428	2103637	+	2	210	TTG	TGA	0	0
mORF_+_2103510	2103510	2103647	+	3	138	TTG	TAA	0	0
mORF_+_2103634	2103634	2103669	+	1	36	ATG	TGA	0	0
mORF_+_2103660	2103660	2103680	+	3	21	ATG	TGA	0	0
mORF_+_2103703	2103703	2103729	+	1	27	TTG	TGA	0	0
mORF_+_2103710	2103710	2103781	+	2	72	TTG	TAA	0	0
mORF_+_2103717	2103717	2103722	+	3	6	TTG	TGA	0	0
mORF_+_2103726	2103726	2103797	+	3	72	ATG	TGA	0	0
mORF_+_2103794	2103794	2103823	+	2	30	ATG	TAG	0	0
mORF_+_2103830	2103830	2103841	+	2	12	GTG	TGA	0	0
mORF_+_2103838	2103838	2103879	+	1	42	ATG	TGA	0	0
mORF_+_2103848	2103848	2103886	+	2	39	ATG	TAA	0	0
mORF_+_2103861	2103861	2103998	+	3	138	TTG	TAA	0	0
mORF_+_2103916	2103916	2103924	+	1	9	ATG	TAA	0	0
mORF_+_2104008	2104008	2104106	+	3	99	ATG	TAA	0	0
mORF_+_2104015	2104015	2104035	+	1	21	GTG	TAA	0	0
mORF_+_2104111	2104111	2104215	+	1	105	TTG	TGA	0	0
mORF_+_2104124	2104124	2104180	+	2	57	ATG	TGA	0	0
mORF_+_2104187	2104187	2104204	+	2	18	ATG	TAA	0	0
mORF_+_2104212	2104212	2104286	+	3	75	ATG	TAA	0	0
mORF_+_2104235	2104235	2104240	+	2	6	ATG	TAA	0	0
mORF_+_2104279	2104279	2104305	+	1	27	ATG	TAG	0	0
mORF_+_2104350	2104350	2104394	+	3	45	TTG	TAG	0	0
mORF_+_2104381	2104381	2104410	+	1	30	ATG	TAA	0	0
mORF_+_2104444	2104444	2104524	+	1	81	ATG	TAG	0	0
mORF_+_2104517	2104517	2104528	+	2	12	ATG	TAA	0	0
mORF_+_2104530	2104530	2104598	+	3	69	ATG	TAA	0	0
mORF_+_2104612	2104612	2104725	+	1	114	ATG	TAA	0	0
mORF_+_2104637	2104637	2104648	+	2	12	ATG	TAA	0	0
mORF_+_2104641	2104641	2104655	+	3	15	ATG	TGA	0	0
mORF_+_2104652	2104652	2104870	+	2	219	ATG	TAG	0	0
mORF_+_2104695	2104695	2104706	+	3	12	TTG	TGA	0	0
mORF_+_2104731	2104731	2104754	+	3	24	ATG	TAG	0	0
mORF_+_2104800	2104800	2104874	+	3	75	TTG	TAA	0	0
mORF_+_2104910	2104910	2104984	+	2	75	ATG	TAA	0	0
mORF_+_2104957	2104957	2105013	+	1	57	ATG	TAG	0	0
mORF_+_2104971	2104971	2104988	+	3	18	ATG	TAG	0	0
mORF_+_2104994	2104994	2105101	+	2	108	TTG	TGA	0	0
mORF_+_2105040	2105040	2105051	+	3	12	ATG	TAA	0	0
mORF_+_2105052	2105052	2105087	+	3	36	ATG	TAG	0	0
mORF_+_2105145	2105145	2105156	+	3	12	GTG	TGA	0	0
mORF_+_2105153	2105153	2105179	+	2	27	ATG	TAA	0	0
mORF_+_2105211	2105211	2105219	+	3	9	ATG	TAA	0	0
mORF_+_2105219	2105219	2105245	+	2	27	ATG	TAG	0	0
mORF_+_2105277	2105277	2105372	+	3	96	TTG	TAA	0	0
mORF_+_2105353	2105353	2105424	+	1	72	TTG	TAG	0	0
mORF_+_2105453	2105453	2105470	+	2	18	ATG	TAA	0	0
mORF_+_2105478	2105478	2105609	+	3	132	ATG	TAA	0	0
mORF_+_2105483	2105483	2105539	+	2	57	TTG	TAG	0	0
mORF_+_2105545	2105545	2105640	+	1	96	GTG	TAG	0	0
mORF_+_2105576	2105576	2105674	+	2	99	TTG	TGA	0	0
mORF_+_2105656	2105656	2105670	+	1	15	ATG	TAG	0	0
mORF_+_2105671	2105671	2105775	+	1	105	ATG	TAG	0	0

mORF_+_2105679	2105679	2105696	+	3	18	ATG	TAG	0	0
mORF_+_2105793	2105793	2105927	+	3	135	TTG	TAA	0	0
mORF_+_2105815	2105815	2105904	+	1	90	TTG	TAA	0	0
mORF_+_2105858	2105858	2106007	+	2	150	ATG	TAA	0	0
mORF_+_2105977	2105977	2106000	+	1	24	TTG	TGA	0	0
mORF_+_2106007	2106007	2106018	+	1	12	ATG	TGA	0	0
mORF_+_2106015	2106015	2106086	+	3	72	TTG	TAA	0	0
mORF_+_2106079	2106079	2106099	+	1	21	TTG	TAA	0	0
mORF_+_2106107	2106107	2106118	+	2	12	GTG	TAG	0	0
mORF_+_2106172	2106172	2106180	+	1	9	TTG	TGA	0	0
mORF_+_2106177	2106177	2106272	+	3	96	ATG	TAA	0	0
mORF_+_2106188	2106188	2106340	+	2	153	GTG	TGA	0	0
mORF_+_2106229	2106229	2106252	+	1	24	GTG	TGA	0	0
mORF_+_2106280	2106280	2106345	+	1	66	TTG	TAA	0	0
mORF_+_2106401	2106401	2106541	+	2	141	ATG	TAA	0	0
mORF_+_2106405	2106405	2106413	+	3	9	GTG	TAA	0	0
mORF_+_2106426	2106426	2106461	+	3	36	TTG	TAA	0	0
mORF_+_2106468	2106468	2106527	+	3	60	TTG	TGA	0	0
mORF_+_2106544	2106544	2106582	+	1	39	ATG	TAA	0	0
mORF_+_2106563	2106563	2106571	+	2	9	ATG	TAG	0	0
mORF_+_2106582	2106582	2106590	+	3	9	ATG	TAA	0	0
mORF_+_2106672	2106672	2106740	+	3	69	ATG	TAA	0	0
mORF_+_2106780	2106780	2106809	+	3	30	TTG	TGA	0	0
mORF_+_2106802	2106802	2106819	+	1	18	TTG	TAA	0	0
mORF_+_2106806	2106806	2106829	+	2	24	GTG	TGA	0	0
mORF_+_2106826	2106826	2106924	+	1	99	TTG	TAA	0	0
mORF_+_2106848	2106848	2106955	+	2	108	TTG	TGA	0	0
mORF_+_2106876	2106876	2106890	+	3	15	TTG	TAA	0	0
mORF_+_2106936	2106936	2106947	+	3	12	ATG	TAA	0	0
mORF_+_2106952	2106952	2106969	+	1	18	ATG	TAA	0	0
mORF_+_2106985	2106985	2106990	+	1	6	ATG	TAA	0	0
mORF_+_2106990	2106990	2107001	+	3	12	ATG	TAA	0	0
mORF_+_2107021	2107021	2107038	+	1	18	ATG	TAG	0	0
mORF_+_2107038	2107038	2107046	+	3	9	GTG	TAA	0	0
mORF_+_2107062	2107062	2107079	+	3	18	TTG	TAA	0	0
mORF_+_2107089	2107089	2107121	+	3	33	TTG	TAA	0	0
mORF_+_2107106	2107106	2107195	+	2	90	GTG	TGA	0	0
mORF_+_2107122	2107122	2107136	+	3	15	ATG	TAA	0	0
mORF_+_2107230	2107230	2107253	+	3	24	ATG	TAA	0	0
mORF_+_2107261	2107261	2107302	+	1	42	ATG	TAA	0	0
mORF_+_2107265	2107265	2107405	+	2	141	TTG	TGA	0	0
mORF_+_2107311	2107311	2107316	+	3	6	ATG	TAA	0	0
mORF_+_2107335	2107335	2107361	+	3	27	TTG	TAG	0	0
mORF_+_2107407	2107407	2107415	+	3	9	TTG	TGA	0	0
mORF_+_2107412	2107412	2107543	+	2	132	GTG	TAA	0	0
mORF_+_2107462	2107462	2107536	+	1	75	TTG	TAA	0	0
mORF_+_2107500	2107500	2107526	+	3	27	GTG	TAA	0	0
mORF_+_2107530	2107530	2107574	+	3	45	ATG	TAA	0	0
mORF_+_2107544	2107544	2107555	+	2	12	TTG	TGA	0	0
mORF_+_2107552	2107552	2107587	+	1	36	TTG	TAA	0	0
mORF_+_2107607	2107607	2107627	+	2	21	ATG	TGA	0	0
mORF_+_2107661	2107661	2107762	+	2	102	TTG	TAG	0	0
mORF_+_2107686	2107686	2107853	+	3	168	TTG	TGA	0	0
mORF_+_2107705	2107705	2107749	+	1	45	ATG	TGA	0	0
mORF_+_2107820	2107820	2107990	+	2	171	TTG	TGA	0	0
mORF_+_2107891	2107891	2107932	+	1	42	TTG	TGA	0	0
mORF_+_2107929	2107929	2108003	+	3	75	ATG	TGA	0	0
mORF_+_2107933	2107933	2107974	+	1	42	GTG	TGA	0	0
mORF_+_2108000	2108000	2108035	+	2	36	TTG	TGA	0	0
mORF_+_2108013	2108013	2108048	+	3	36	GTG	TAG	0	0
mORF_+_2108017	2108017	2108025	+	1	9	TTG	TGA	0	0
mORF_+_2108052	2108052	2108066	+	3	15	ATG	TGA	0	0
mORF_+_2108060	2108060	2108074	+	2	15	ATG	TAA	0	0

mORF_+_2108067	2108067	2108129	+	3	63	TTG	TAG	0	0
mORF_+_2108114	2108114	2108152	+	2	39	TTG	TAA	0	0
mORF_+_2108167	2108167	2108256	+	1	90	TTG	TAA	0	0
mORF_+_2108240	2108240	2108452	+	2	213	TTG	TAA	0	0
mORF_+_2108269	2108269	2108328	+	1	60	ATG	TAA	0	0
mORF_+_2108335	2108335	2108436	+	1	102	TTG	TAA	0	0
mORF_+_2108364	2108364	2108381	+	3	18	GTG	TAG	0	0
mORF_+_2108461	2108461	2108526	+	1	66	GTG	TAA	0	0
mORF_+_2108542	2108542	2108571	+	1	30	TTG	TGA	0	0
mORF_+_2108572	2108572	2108625	+	1	54	TTG	TAA	0	0
mORF_+_2108627	2108627	2108680	+	2	54	GTG	TAG	0	0
mORF_+_2108644	2108644	2108664	+	1	21	TTG	TAA	0	0
mORF_+_2108658	2108658	2108696	+	3	39	TTG	TGA	0	0
mORF_+_2108693	2108693	2108959	+	2	267	GTG	TAA	0	0
mORF_+_2108760	2108760	2108810	+	3	51	ATG	TGA	0	0
mORF_+_2108767	2108767	2108793	+	1	27	ATG	TAG	0	0
mORF_+_2108872	2108872	2108880	+	1	9	GTG	TGA	0	0
mORF_+_2108914	2108914	2108919	+	1	6	GTG	TAG	0	0
mORF_+_2108998	2108998	2109024	+	1	27	GTG	TAA	0	0
mORF_+_2109067	2109067	2109114	+	1	48	TTG	TAG	0	0
mORF_+_2109089	2109089	2109124	+	2	36	ATG	TAA	0	0
mORF_+_2109129	2109129	2109188	+	3	60	TTG	TGA	0	0
mORF_+_2109215	2109215	2109475	+	2	261	ATG	TAA	0	0
mORF_+_2109217	2109217	2109237	+	1	21	GTG	TAG	0	0
mORF_+_2109247	2109247	2109264	+	1	18	TTG	TGA	0	0
mORF_+_2109261	2109261	2109326	+	3	66	TTG	TAA	0	0
mORF_+_2109274	2109274	2109465	+	1	192	GTG	TAA	0	0
mORF_+_2109339	2109339	2109458	+	3	120	GTG	TGA	0	0
mORF_+_2109490	2109490	2109561	+	1	72	TTG	TAA	0	0
mORF_+_2109510	2109510	2109539	+	3	30	TTG	TAG	0	0
mORF_+_2109563	2109563	2109586	+	2	24	ATG	TAA	0	0
mORF_+_2109606	2109606	2109620	+	3	15	TTG	TAA	0	0
mORF_+_2109628	2109628	2109705	+	1	78	GTG	TAA	0	0
mORF_+_2109698	2109698	2109766	+	2	69	ATG	TAA	0	0
mORF_+_2109724	2109724	2109762	+	1	39	TTG	TAA	0	0
mORF_+_2109767	2109767	2109787	+	2	21	TTG	TGA	0	0
mORF_+_2109769	2109769	2109825	+	1	57	GTG	TGA	0	0
mORF_+_2109795	2109795	2109812	+	3	18	TTG	TGA	0	0
mORF_+_2109809	2109809	2109955	+	2	147	GTG	TAG	0	0
mORF_+_2109822	2109822	2109896	+	3	75	TTG	TAA	0	0
mORF_+_2109937	2109937	2110359	+	1	423	GTG	TAA	0	0
mORF_+_2109978	2109978	2110172	+	3	195	TTG	TAG	0	0
mORF_+_2110076	2110076	2110177	+	2	102	TTG	TAG	0	0
mORF_+_2110211	2110211	2110228	+	2	18	GTG	TAA	0	0
mORF_+_2110271	2110271	2110321	+	2	51	GTG	TAA	0	0
mORF_+_2110369	2110369	2110425	+	1	57	ATG	TAA	0	0
mORF_+_2110409	2110409	2110417	+	2	9	TTG	TAA	0	0
mORF_+_2110425	2110425	2110448	+	3	24	ATG	TAA	0	0
mORF_+_2110458	2110458	2110466	+	3	9	GTG	TAA	0	0
mORF_+_2110480	2110480	2110527	+	1	48	ATG	TAA	0	0
mORF_+_2110496	2110496	2110561	+	2	66	TTG	TGA	0	0
mORF_+_2110518	2110518	2110622	+	3	105	TTG	TAA	0	0
mORF_+_2110558	2110558	2110626	+	1	69	ATG	TAA	0	0
mORF_+_2110574	2110574	2110588	+	2	15	TTG	TAA	0	0
mORF_+_2110660	2110660	2110821	+	1	162	ATG	TGA	0	0
mORF_+_2110721	2110721	2110747	+	2	27	TTG	TAA	0	0
mORF_+_2110748	2110748	2110774	+	2	27	TTG	TAA	0	0
mORF_+_2110787	2110787	2110870	+	2	84	TTG	TGA	0	0
mORF_+_2110800	2110800	2110817	+	3	18	ATG	TAA	0	0
mORF_+_2110818	2110818	2111000	+	3	183	TTG	TAA	0	0
mORF_+_2110831	2110831	2110962	+	1	132	ATG	TGA	0	0
mORF_+_2111027	2111027	2111032	+	2	6	ATG	TGA	0	0
mORF_+_2111029	2111029	2111046	+	1	18	GTG	TGA	0	0

mORF_+_2111113	2111113	2111121	+	1	9	ATG	TGA	0	0	
mORF_+_2111118	2111118	2111126	+	3	9	GTG	TAA	0	0	
mORF_+_2111139	2111139	2111219	+	3	81	TTG	TGA	0	0	
mORF_+_2111158	2111158	2111214	+	1	57	ATG	TGA	0	0	
mORF_+_2111201	2111201	2111242	+	2	42	ATG	TAA	0	0	
mORF_+_2111265	2111265	2111318	+	3	54	TTG	TAA	0	0	
mORF_+_2111311	2111311	2111421	+	1	111	TTG	TAA	0	0	
mORF_+_2111337	2111337	2111348	+	3	12	TTG	TGA	0	0	
mORF_+_2111348	2111348	2111548	+	2	201	ATG	TAG	0	0	
mORF_+_2111394	2111394	2111630	+	3	237	TTG	TAG	0	0	
mORF_+_2111558	2111558	2111572	+	2	15	TTG	TAA	0	0	
mORF_+_2111605	2111605	2111733	+	1	129	TTG	TGA	0	0	
mORF_+_2111655	2111655	2111726	+	3	72	ATG	TGA	0	0	
mORF_+_2111723	2111723	2111752	+	2	30	ATG	TGA	0	0	
mORF_+_2111777	2111777	2111920	+	2	144	ATG	TAA	0	0	
mORF_+_2111859	2111859	2111891	+	3	33	TTG	TGA	0	0	
mORF_+_2111895	2111895	2112056	+	3	162	GTG	TAA	1	6	pORF_+_2111895
mORF_+_2111981	2111981	2112043	+	2	63	TTG	TGA	0	0	
mORF_+_2112016	2112016	2112024	+	1	9	GTG	TAA	0	0	
mORF_+_2112056	2112056	2112103	+	2	48	ATG	TGA	0	0	
mORF_+_2112100	2112100	2112129	+	1	30	TTG	TGA	0	0	
mORF_+_2112126	2112126	2112206	+	3	81	GTG	TGA	0	0	
mORF_+_2112146	2112146	2112184	+	2	39	GTG	TGA	0	0	
mORF_+_2112154	2112154	2112267	+	1	114	GTG	TAG	0	0	
mORF_+_2112203	2112203	2112241	+	2	39	TTG	TGA	0	0	
mORF_+_2112246	2112246	2112290	+	3	45	TTG	TAG	0	0	
mORF_+_2112251	2112251	2112388	+	2	138	TTG	TAG	0	0	
mORF_+_2112304	2112304	2112342	+	1	39	ATG	TAA	0	0	
mORF_+_2112375	2112375	2112425	+	3	51	TTG	TGA	0	0	
mORF_+_2112427	2112427	2112732	+	1	306	TTG	TGA	0	0	
mORF_+_2112443	2112443	2112448	+	2	6	TTG	TGA	0	0	
mORF_+_2112464	2112464	2112583	+	2	120	TTG	TGA	0	0	
mORF_+_2112471	2112471	2112479	+	3	9	TTG	TAG	0	0	
mORF_+_2112639	2112639	2112674	+	3	36	TTG	TAA	0	0	
mORF_+_2112692	2112692	2112862	+	2	171	TTG	TGA	0	0	
mORF_+_2112717	2112717	2112752	+	3	36	ATG	TGA	0	0	
mORF_+_2112769	2112769	2112789	+	1	21	ATG	TAA	0	0	
mORF_+_2112859	2112859	2112972	+	1	114	TTG	TAA	0	0	
mORF_+_2112863	2112863	2112880	+	2	18	ATG	TAA	0	0	
mORF_+_2112944	2112944	2112964	+	2	21	TTG	TAG	0	0	
mORF_+_2113016	2113016	2113030	+	2	15	TTG	TAA	0	0	
mORF_+_2113052	2113052	2113207	+	2	156	ATG	TAG	0	0	
mORF_+_2113114	2113114	2113356	+	1	243	ATG	TAA	0	0	
mORF_+_2113208	2113208	2113219	+	2	12	TTG	TAA	0	0	
mORF_+_2113220	2113220	2113405	+	2	186	GTG	TGA	0	0	
mORF_+_2113323	2113323	2113364	+	3	42	TTG	TGA	0	0	
mORF_+_2113402	2113402	2113419	+	1	18	ATG	TAA	0	0	
mORF_+_2113421	2113421	2113429	+	2	9	ATG	TAA	0	0	
mORF_+_2113435	2113435	2113629	+	1	195	GTG	TAA	0	0	
mORF_+_2113457	2113457	2113501	+	2	45	ATG	TAA	0	0	
mORF_+_2113541	2113541	2113804	+	2	264	TTG	TAG	0	0	
mORF_+_2113672	2113672	2113677	+	1	6	GTG	TAA	0	0	
mORF_+_2113750	2113750	2113779	+	1	30	TTG	TGA	0	0	
mORF_+_2113776	2113776	2113811	+	3	36	ATG	TAA	0	0	
mORF_+_2113792	2113792	2113968	+	1	177	GTG	TGA	0	0	
mORF_+_2113811	2113811	2113936	+	2	126	ATG	TAA	0	0	
mORF_+_2113878	2113878	2113913	+	3	36	TTG	TAA	0	0	
mORF_+_2113914	2113914	2114327	+	3	414	ATG	TGA	0	0	
mORF_+_2113988	2113988	2114191	+	2	204	GTG	TAG	0	0	
mORF_+_2114074	2114074	2114154	+	1	81	GTG	TAG	0	0	
mORF_+_2114236	2114236	2114295	+	1	60	ATG	TAA	0	0	
mORF_+_2114282	2114282	2114461	+	2	180	ATG	TAA	0	0	
mORF_+_2114337	2114337	2114387	+	3	51	ATG	TAG	0	0	

mORF_+_2114392	2114392	2114478	+	1	87	ATG	TAA	0	0
mORF_+_2114491	2114491	2114520	+	1	30	TTG	TAA	0	0
mORF_+_2114541	2114541	2114648	+	3	108	ATG	TGA	0	0
mORF_+_2114582	2114582	2114617	+	2	36	TTG	TAA	0	0
mORF_+_2114642	2114642	2114971	+	2	330	TTG	TAA	0	0
mORF_+_2114658	2114658	2114663	+	3	6	GTG	TAG	0	0
mORF_+_2114667	2114667	2114780	+	3	114	TTG	TGA	0	0
mORF_+_2114749	2114749	2114787	+	1	39	TTG	TGA	0	0
mORF_+_2114784	2114784	2114864	+	3	81	ATG	TAG	0	0
mORF_+_2114806	2114806	2114871	+	1	66	GTG	TGA	0	0
mORF_+_2114868	2114868	2114903	+	3	36	TTG	TGA	0	0
mORF_+_2114904	2114904	2115218	+	3	315	ATG	TGA	0	0
mORF_+_2115007	2115007	2115078	+	1	72	ATG	TAA	0	0
mORF_+_2115014	2115014	2115112	+	2	99	GTG	TGA	0	0
mORF_+_2115164	2115164	2115205	+	2	42	ATG	TGA	0	0
mORF_+_2115280	2115280	2115297	+	1	18	TTG	TAA	0	0
mORF_+_2115301	2115301	2115330	+	1	30	ATG	TAG	0	0
mORF_+_2115315	2115315	2115347	+	3	33	TTG	TAA	0	0
mORF_+_2115361	2115361	2116083	+	1	723	ATG	TGA	0	0
mORF_+_2115371	2115371	2115505	+	2	135	TTG	TAA	0	0
mORF_+_2115381	2115381	2115410	+	3	30	TTG	TAA	0	0
mORF_+_2115521	2115521	2115568	+	2	48	ATG	TAG	0	0
mORF_+_2115575	2115575	2115607	+	2	33	ATG	TGA	0	0
mORF_+_2115623	2115623	2115667	+	2	45	ATG	TGA	0	0
mORF_+_2115668	2115668	2115757	+	2	90	GTG	TGA	0	0
mORF_+_2115693	2115693	2115713	+	3	21	GTG	TAA	0	0
mORF_+_2115732	2115732	2115776	+	3	45	GTG	TGA	0	0
mORF_+_2115773	2115773	2115793	+	2	21	GTG	TGA	0	0
mORF_+_2115831	2115831	2115842	+	3	12	TTG	TGA	0	0
mORF_+_2115836	2115836	2115904	+	2	69	GTG	TGA	0	0
mORF_+_2115998	2115998	2116033	+	2	36	GTG	TAG	0	0
mORF_+_2116005	2116005	2116067	+	3	63	GTG	TAA	0	0
mORF_+_2116067	2116067	2116078	+	2	12	ATG	TAA	0	0
mORF_+_2116103	2116103	2116171	+	2	69	GTG	TGA	0	0
mORF_+_2116155	2116155	2116202	+	3	48	GTG	TAA	0	0
mORF_+_2116171	2116171	2116362	+	1	192	ATG	TAA	0	0
mORF_+_2116229	2116229	2116306	+	2	78	TTG	TAG	0	0
mORF_+_2116332	2116332	2116340	+	3	9	GTG	TGA	0	0
mORF_+_2116337	2116337	2116441	+	2	105	TTG	TAA	0	0
mORF_+_2116402	2116402	2116422	+	1	21	GTG	TAA	0	0
mORF_+_2116444	2116444	2116506	+	1	63	TTG	TGA	0	0
mORF_+_2116454	2116454	2116495	+	2	42	GTG	TGA	0	0
mORF_+_2116488	2116488	2116718	+	3	231	TTG	TAA	0	0
mORF_+_2116591	2116591	2116602	+	1	12	ATG	TGA	0	0
mORF_+_2116681	2116681	2116752	+	1	72	TTG	TGA	0	0
mORF_+_2116776	2116776	2116931	+	3	156	ATG	TAA	0	0
mORF_+_2116819	2116819	2116887	+	1	69	GTG	TAA	0	0
mORF_+_2116939	2116939	2116953	+	1	15	ATG	TAA	0	0
mORF_+_2116996	2116996	2117325	+	1	330	ATG	TAG	0	0
mORF_+_2117010	2117010	2117273	+	3	264	TTG	TAG	0	0
mORF_+_2117090	2117090	2117098	+	2	9	ATG	TGA	0	0
mORF_+_2117362	2117362	2117514	+	1	153	TTG	TAG	0	0
mORF_+_2117369	2117369	2117392	+	2	24	ATG	TGA	0	0
mORF_+_2117396	2117396	2117509	+	2	114	TTG	TGA	0	0
mORF_+_2117515	2117515	2117601	+	1	87	TTG	TAA	0	0
mORF_+_2117561	2117561	2117650	+	2	90	GTG	TGA	0	0
mORF_+_2117583	2117583	2117831	+	3	249	ATG	TAA	0	0
mORF_+_2117605	2117605	2117619	+	1	15	TTG	TAG	0	0
mORF_+_2117647	2117647	2117658	+	1	12	TTG	TAA	0	0
mORF_+_2117713	2117713	2117964	+	1	252	GTG	TGA	0	0
mORF_+_2117831	2117831	2117839	+	2	9	ATG	TAA	0	0
mORF_+_2117846	2117846	2117881	+	2	36	GTG	TGA	0	0
mORF_+_2117961	2117961	2118176	+	3	216	GTG	TAA	0	0

mORF_+_2118070	2118070	2118669	+	1	600	TTG	TGA	0	0	
mORF_+_2118189	2118189	2118203	+	3	15	ATG	TAA	0	0	
mORF_+_2118197	2118197	2118388	+	2	192	TTG	TAG	0	0	
mORF_+_2118395	2118395	2118637	+	2	243	ATG	TAG	0	0	
mORF_+_2118438	2118438	2118476	+	3	39	GTG	TGA	0	0	
mORF_+_2118666	2118666	2118674	+	3	9	GTG	TGA	0	0	
mORF_+_2118743	2118743	2118796	+	2	54	ATG	TAA	0	0	
mORF_+_2118834	2118834	2118851	+	3	18	GTG	TGA	0	0	
mORF_+_2118838	2118838	2119074	+	1	237	ATG	TAA	0	0	
mORF_+_2118845	2118845	2118904	+	2	60	ATG	TGA	0	0	
mORF_+_2118968	2118968	2119051	+	2	84	TTG	TAA	0	0	
mORF_+_2119108	2119108	2119122	+	1	15	TTG	TAA	0	0	
mORF_+_2119142	2119142	2119156	+	2	15	ATG	TAG	0	0	
mORF_+_2119159	2119159	2119311	+	1	153	ATG	TAA	0	0	
mORF_+_2119184	2119184	2119375	+	2	192	ATG	TAA	0	0	
mORF_+_2119321	2119321	2119326	+	1	6	TTG	TAG	0	0	
mORF_+_2119365	2119365	2119385	+	3	21	ATG	TGA	0	0	
mORF_+_2119382	2119382	2119444	+	2	63	GTG	TAG	0	0	
mORF_+_2119435	2119435	2119452	+	1	18	GTG	TGA	0	0	
mORF_+_2119449	2119449	2119463	+	3	15	ATG	TGA	0	0	
mORF_+_2119493	2119493	2119618	+	2	126	ATG	TAA	0	0	
mORF_+_2119516	2119516	2119533	+	1	18	TTG	TAA	0	0	
mORF_+_2119536	2119536	2119748	+	3	213	ATG	TAA	0	0	
mORF_+_2119730	2119730	2119987	+	2	258	TTG	TAA	0	0	
mORF_+_2119816	2119816	2120343	+	1	528	ATG	TAG	0	0	
mORF_+_2119878	2119878	2120063	+	3	186	TTG	TAA	0	0	
mORF_+_2120033	2120033	2120212	+	2	180	ATG	TAG	0	0	
mORF_+_2120142	2120142	2120156	+	3	15	GTG	TGA	0	0	
mORF_+_2120184	2120184	2120225	+	3	42	ATG	TAA	0	0	
mORF_+_2120279	2120279	2120521	+	2	243	ATG	TAA	0	0	
mORF_+_2120343	2120343	2120351	+	3	9	GTG	TAG	0	0	
mORF_+_2120386	2120386	2120400	+	1	15	GTG	TAA	0	0	
mORF_+_2120530	2120530	2120820	+	1	291	GTG	TAA	0	0	
mORF_+_2120555	2120555	2120566	+	2	12	TTG	TGA	0	0	
mORF_+_2120579	2120579	2120695	+	2	117	TTG	TAA	0	0	
mORF_+_2120726	2120726	2120764	+	2	39	ATG	TAG	0	0	
mORF_+_2120774	2120774	2120911	+	2	138	GTG	TAG	0	0	
mORF_+_2120921	2120921	2120977	+	2	57	ATG	TAG	0	0	
mORF_+_2121029	2121029	2121271	+	2	243	TTG	TGA	0	0	
mORF_+_2121060	2121060	2121185	+	3	126	TTG	TAA	0	0	
mORF_+_2121219	2121219	2121689	+	3	471	ATG	TAA	0	0	
mORF_+_2121244	2121244	2121333	+	1	90	ATG	TGA	0	0	
mORF_+_2121293	2121293	2121376	+	2	84	TTG	TGA	0	0	
mORF_+_2121373	2121373	2121393	+	1	21	GTG	TAG	0	0	
mORF_+_2121421	2121421	2121612	+	1	192	TTG	TAG	0	0	
mORF_+_2121625	2121625	2121630	+	1	6	TTG	TGA	0	0	
mORF_+_2121655	2121655	2121771	+	1	117	TTG	TAA	0	0	
mORF_+_2121689	2121689	2121763	+	2	75	ATG	TGA	0	0	
mORF_+_2121826	2121826	2121909	+	1	84	TTG	TAG	0	0	
mORF_+_2121959	2121959	2122300	+	2	342	TTG	TAA	0	0	
mORF_+_2122099	2122099	2122188	+	1	90	ATG	TGA	0	0	
mORF_+_2122185	2122185	2122211	+	3	27	ATG	TAA	0	0	
mORF_+_2122230	2122230	2122451	+	3	222	ATG	TAA	1	4	pORF_+_2122230
mORF_+_2122261	2122261	2122326	+	1	66	ATG	TGA	0	0	
mORF_+_2122363	2122363	2122467	+	1	105	TTG	TAA	0	0	
mORF_+_2122571	2122571	2122579	+	2	9	TTG	TAA	0	0	
mORF_+_2122599	2122599	2122655	+	3	57	GTG	TGA	0	0	
mORF_+_2122618	2122618	2122761	+	1	144	GTG	TAA	0	0	
mORF_+_2122631	2122631	2122879	+	2	249	GTG	TAA	0	0	
mORF_+_2122707	2122707	2122748	+	3	42	ATG	TAG	0	0	
mORF_+_2122791	2122791	2123066	+	3	276	TTG	TAA	0	0	
mORF_+_2122870	2122870	2123025	+	1	156	GTG	TAA	0	0	
mORF_+_2122892	2122892	2123731	+	2	840	TTG	TAA	0	0	

mORF_+_2123070	2123070	2123141	+	3	72	ATG	TGA	0	0	
mORF_+_2123163	2123163	2123354	+	3	192	TTG	TAA	0	0	
mORF_+_2123281	2123281	2123445	+	1	165	TTG	TAA	0	0	
mORF_+_2123445	2123445	2123600	+	3	156	ATG	TAG	0	0	
mORF_+_2123545	2123545	2123658	+	1	114	TTG	TAA	0	0	
mORF_+_2123658	2123658	2123675	+	3	18	ATG	TGA	0	0	
mORF_+_2123680	2123680	2123748	+	1	69	GTG	TAA	0	0	
mORF_+_2123709	2123709	2123744	+	3	36	GTG	TAG	0	0	
mORF_+_2123748	2123748	2123756	+	3	9	ATG	TAG	0	0	
mORF_+_2123824	2123824	2123898	+	1	75	ATG	TAA	0	0	
mORF_+_2123944	2123944	2124240	+	1	297	GTG	TAA	1	7	pORF_+_2123944
mORF_+_2123948	2123948	2123983	+	2	36	GTG	TAA	0	0	
mORF_+_2124063	2124063	2124182	+	3	120	ATG	TAA	0	0	
mORF_+_2124134	2124134	2124235	+	2	102	TTG	TGA	0	0	
mORF_+_2124267	2124267	2124317	+	3	51	TTG	TGA	0	0	
mORF_+_2124292	2124292	2124327	+	1	36	GTG	TGA	0	0	
mORF_+_2124314	2124314	2124460	+	2	147	GTG	TAG	0	0	
mORF_+_2124324	2124324	2124737	+	3	414	GTG	TGA	0	0	
mORF_+_2124367	2124367	2124420	+	1	54	TTG	TAA	0	0	
mORF_+_2124430	2124430	2124549	+	1	120	TTG	TGA	0	0	
mORF_+_2124550	2124550	2124744	+	1	195	ATG	TAA	0	0	
mORF_+_2124596	2124596	2124733	+	2	138	GTG	TGA	0	0	
mORF_+_2124763	2124763	2124810	+	1	48	TTG	TAA	0	0	
mORF_+_2124767	2124767	2124784	+	2	18	ATG	TGA	0	0	
mORF_+_2124832	2124832	2124885	+	1	54	GTG	TAG	0	0	
mORF_+_2124869	2124869	2124946	+	2	78	TTG	TGA	0	0	
mORF_+_2124886	2124886	2124930	+	1	45	ATG	TGA	0	0	
mORF_+_2124930	2124930	2125118	+	3	189	ATG	TAA	0	0	
mORF_+_2124943	2124943	2124975	+	1	33	ATG	TAG	0	0	
mORF_+_2124976	2124976	2124993	+	1	18	ATG	TAG	0	0	
mORF_+_2124994	2124994	2125038	+	1	45	GTG	TAG	0	0	
mORF_+_2125111	2125111	2125185	+	1	75	GTG	TGA	0	0	
mORF_+_2125182	2125182	2125247	+	3	66	ATG	TAG	0	0	
mORF_+_2125213	2125213	2125296	+	1	84	ATG	TAG	0	0	
mORF_+_2125250	2125250	2126047	+	2	798	GTG	TGA	0	0	
mORF_+_2125326	2125326	2125409	+	3	84	GTG	TAA	0	0	
mORF_+_2125467	2125467	2125559	+	3	93	GTG	TGA	0	0	
mORF_+_2125534	2125534	2125590	+	1	57	GTG	TAA	0	0	
mORF_+_2125647	2125647	2125817	+	3	171	TTG	TAG	0	0	
mORF_+_2125726	2125726	2125737	+	1	12	TTG	TGA	0	0	
mORF_+_2125836	2125836	2125847	+	3	12	GTG	TAG	0	0	
mORF_+_2125857	2125857	2125886	+	3	30	TTG	TAG	0	0	
mORF_+_2125893	2125893	2125952	+	3	60	GTG	TGA	0	0	
mORF_+_2126044	2126044	2126133	+	1	90	GTG	TAG	0	0	
mORF_+_2126066	2126066	2126227	+	2	162	GTG	TGA	0	0	
mORF_+_2126085	2126085	2126156	+	3	72	TTG	TAA	0	0	
mORF_+_2126175	2126175	2126195	+	3	21	TTG	TGA	0	0	
mORF_+_2126199	2126199	2126204	+	3	6	ATG	TGA	0	0	
mORF_+_2126217	2126217	2126261	+	3	45	GTG	TAA	0	0	
mORF_+_2126224	2126224	2126244	+	1	21	ATG	TAA	0	0	
mORF_+_2126249	2126249	2126335	+	2	87	ATG	TGA	0	0	
mORF_+_2126316	2126316	2126597	+	3	282	GTG	TAA	0	0	
mORF_+_2126332	2126332	2126361	+	1	30	TTG	TGA	0	0	
mORF_+_2126423	2126423	2126440	+	2	18	TTG	TAA	0	0	
mORF_+_2126453	2126453	2126485	+	2	33	GTG	TGA	0	0	
mORF_+_2126467	2126467	2126568	+	1	102	GTG	TGA	0	0	
mORF_+_2126510	2126510	2126542	+	2	33	TTG	TAG	0	0	
mORF_+_2126570	2126570	2126662	+	2	93	TTG	TGA	0	0	
mORF_+_2126590	2126590	2126601	+	1	12	GTG	TAA	0	0	
mORF_+_2126607	2126607	2126657	+	3	51	TTG	TAA	0	0	
mORF_+_2126632	2126632	2126685	+	1	54	ATG	TAA	0	0	
mORF_+_2126756	2126756	2126857	+	2	102	TTG	TAA	0	0	
mORF_+_2126802	2126802	2126846	+	3	45	TTG	TAA	0	0	

mORF_+_2126847	2126847	2126903	+	3	57	TTG	TAA	0	0
mORF_+_2126863	2126863	2127129	+	1	267	TTG	TAA	0	0
mORF_+_2126907	2126907	2126945	+	3	39	TTG	TAA	0	0
mORF_+_2126912	2126912	2126965	+	2	54	TTG	TAG	0	0
mORF_+_2126970	2126970	2126978	+	3	9	TTG	TAA	0	0
mORF_+_2126979	2126979	2126990	+	3	12	ATG	TAA	0	0
mORF_+_2127012	2127012	2127017	+	3	6	ATG	TAA	0	0
mORF_+_2127021	2127021	2127359	+	3	339	TTG	TAA	0	0
mORF_+_2127122	2127122	2127289	+	2	168	ATG	TAA	0	0
mORF_+_2127145	2127145	2127162	+	1	18	TTG	TAG	0	0
mORF_+_2127274	2127274	2127387	+	1	114	TTG	TGA	0	0
mORF_+_2127374	2127374	2127409	+	2	36	TTG	TGA	0	0
mORF_+_2127387	2127387	2127497	+	3	111	ATG	TAG	0	0
mORF_+_2127406	2127406	2127465	+	1	60	TTG	TAG	0	0
mORF_+_2127431	2127431	2127487	+	2	57	GTG	TGA	0	0
mORF_+_2127511	2127511	2127702	+	1	192	TTG	TAA	0	0
mORF_+_2127600	2127600	2127695	+	3	96	ATG	TAA	0	0
mORF_+_2127617	2127617	2127625	+	2	9	GTG	TGA	0	0
mORF_+_2127738	2127738	2127755	+	3	18	ATG	TAA	0	0
mORF_+_2127802	2127802	2127876	+	1	75	TTG	TGA	0	0
mORF_+_2127815	2127815	2127904	+	2	90	TTG	TAA	0	0
mORF_+_2127873	2127873	2127908	+	3	36	GTG	TAA	0	0
mORF_+_2127926	2127926	2127988	+	2	63	TTG	TAA	0	0
mORF_+_2127969	2127969	2128004	+	3	36	ATG	TGA	0	0
mORF_+_2128018	2128018	2128071	+	1	54	ATG	TGA	0	0
mORF_+_2128068	2128068	2128187	+	3	120	ATG	TAA	0	0
mORF_+_2128106	2128106	2128117	+	2	12	GTG	TAA	0	0
mORF_+_2128207	2128207	2128257	+	1	51	TTG	TGA	0	0
mORF_+_2128212	2128212	2128241	+	3	30	ATG	TAA	0	0
mORF_+_2128313	2128313	2128384	+	2	72	TTG	TAA	0	0
mORF_+_2128344	2128344	2128415	+	3	72	TTG	TAA	0	0
mORF_+_2128394	2128394	2128432	+	2	39	GTG	TAG	0	0
mORF_+_2128436	2128436	2128444	+	2	9	TTG	TAA	0	0
mORF_+_2128487	2128487	2128549	+	2	63	GTG	TAA	0	0
mORF_+_2128498	2128498	2128560	+	1	63	TTG	TAA	0	0
mORF_+_2128500	2128500	2128595	+	3	96	GTG	TAA	0	0
mORF_+_2128565	2128565	2128636	+	2	72	TTG	TAG	0	0
mORF_+_2128570	2128570	2128653	+	1	84	ATG	TGA	0	0
mORF_+_2128650	2128650	2128658	+	3	9	TTG	TGA	0	0
mORF_+_2128655	2128655	2128684	+	2	30	GTG	TGA	0	0
mORF_+_2128706	2128706	2128855	+	2	150	GTG	TAA	0	0
mORF_+_2128896	2128896	2128931	+	3	36	TTG	TAG	0	0
mORF_+_2128919	2128919	2129005	+	2	87	TTG	TAA	0	0
mORF_+_2128965	2128965	2129141	+	3	177	GTG	TAG	0	0
mORF_+_2129015	2129015	2129116	+	2	102	TTG	TAG	0	0
mORF_+_2129181	2129181	2129225	+	3	45	TTG	TGA	0	0
mORF_+_2129222	2129222	2129548	+	2	327	GTG	TAA	0	0
mORF_+_2129235	2129235	2129339	+	3	105	TTG	TAA	0	0
mORF_+_2129373	2129373	2129519	+	3	147	TTG	TGA	0	0
mORF_+_2129422	2129422	2129445	+	1	24	TTG	TGA	0	0
mORF_+_2129556	2129556	2129603	+	3	48	TTG	TAG	0	0
mORF_+_2129570	2129570	2129611	+	2	42	TTG	TAA	0	0
mORF_+_2129575	2129575	2129661	+	1	87	GTG	TAA	0	0
mORF_+_2129687	2129687	2129773	+	2	87	GTG	TAG	0	0
mORF_+_2129712	2129712	2129780	+	3	69	GTG	TAG	0	0
mORF_+_2129783	2129783	2129842	+	2	60	GTG	TAA	0	0
mORF_+_2129820	2129820	2129942	+	3	123	GTG	TAG	0	0
mORF_+_2129921	2129921	2129998	+	2	78	ATG	TGA	0	0
mORF_+_2129964	2129964	2129981	+	3	18	TTG	TAA	0	0
mORF_+_2129995	2129995	2130078	+	1	84	GTG	TAA	0	0
mORF_+_2130011	2130011	2130037	+	2	27	TTG	TAA	0	0
mORF_+_2130080	2130080	2130355	+	2	276	TTG	TAA	0	0
mORF_+_2130250	2130250	2130546	+	1	297	GTG	TAA	0	0

mORF_+_2130252	2130252	2130290	+	3	39	GTG	TAG	0	0	
mORF_+_2130383	2130383	2130409	+	2	27	ATG	TAA	0	0	
mORF_+_2130425	2130425	2130508	+	2	84	GTG	TGA	0	0	
mORF_+_2130530	2130530	2130688	+	2	159	ATG	TAA	0	0	
mORF_+_2130613	2130613	2130681	+	1	69	TTG	TAG	0	0	
mORF_+_2130703	2130703	2130741	+	1	39	TTG	TAA	0	0	
mORF_+_2130729	2130729	2130773	+	3	45	GTG	TGA	0	0	
mORF_+_2130770	2130770	2130781	+	2	12	GTG	TGA	0	0	
mORF_+_2130778	2130778	2130798	+	1	21	GTG	TGA	0	0	
mORF_+_2130795	2130795	2130986	+	3	192	GTG	TGA	0	0	
mORF_+_2130799	2130799	2130879	+	1	81	TTG	TAA	0	0	
mORF_+_2130884	2130884	2130922	+	2	39	GTG	TGA	0	0	
mORF_+_2130919	2130919	2130972	+	1	54	TTG	TAG	0	0	
mORF_+_2130929	2130929	2130940	+	2	12	ATG	TAA	0	0	
mORF_+_2130983	2130983	2131060	+	2	78	GTG	TAG	0	0	
mORF_+_2130997	2130997	2131032	+	1	36	TTG	TAG	0	0	
mORF_+_2131023	2131023	2131400	+	3	378	TTG	TGA	0	0	
mORF_+_2131076	2131076	2131081	+	2	6	GTG	TGA	0	0	
mORF_+_2131078	2131078	2131227	+	1	150	GTG	TGA	0	0	
mORF_+_2131124	2131124	2131156	+	2	33	GTG	TGA	0	0	
mORF_+_2131228	2131228	2131233	+	1	6	ATG	TAA	0	0	
mORF_+_2131234	2131234	2131329	+	1	96	GTG	TAG	0	0	
mORF_+_2131352	2131352	2131423	+	2	72	TTG	TAG	0	0	
mORF_+_2131411	2131411	2131443	+	1	33	TTG	TGA	0	0	
mORF_+_2131425	2131425	2131547	+	3	123	TTG	TAA	0	0	
mORF_+_2131450	2131450	2131668	+	1	219	TTG	TGA	0	0	
mORF_+_2131454	2131454	2131471	+	2	18	TTG	TGA	0	0	
mORF_+_2131496	2131496	2131690	+	2	195	GTG	TAA	0	0	
mORF_+_2131584	2131584	2131676	+	3	93	ATG	TAA	0	0	
mORF_+_2131692	2131692	2131706	+	3	15	GTG	TGA	0	0	
mORF_+_2131703	2131703	2132068	+	2	366	ATG	TGA	1	3	pORF_+_2131703
mORF_+_2131717	2131717	2131878	+	1	162	TTG	TAG	0	0	
mORF_+_2131869	2131869	2131913	+	3	45	TTG	TGA	0	0	
mORF_+_2131950	2131950	2131973	+	3	24	GTG	TAG	0	0	
mORF_+_2131977	2131977	2132207	+	3	231	TTG	TAG	0	0	
mORF_+_2132065	2132065	2132076	+	1	12	TTG	TAA	0	0	
mORF_+_2132104	2132104	2132214	+	1	111	GTG	TAA	0	0	
mORF_+_2132123	2132123	2132191	+	2	69	GTG	TAG	0	0	
mORF_+_2132220	2132220	2132279	+	3	60	TTG	TAG	0	0	
mORF_+_2132291	2132291	2132851	+	2	561	GTG	TAA	0	0	
mORF_+_2132319	2132319	2132432	+	3	114	ATG	TGA	0	0	
mORF_+_2132433	2132433	2132522	+	3	90	GTG	TAG	0	0	
mORF_+_2132437	2132437	2132484	+	1	48	TTG	TGA	0	0	
mORF_+_2132607	2132607	2132633	+	3	27	TTG	TGA	0	0	
mORF_+_2132649	2132649	2132666	+	3	18	GTG	TGA	0	0	
mORF_+_2132670	2132670	2132795	+	3	126	TTG	TGA	0	0	
mORF_+_2132758	2132758	2132940	+	1	183	TTG	TAA	0	0	
mORF_+_2132811	2132811	2132918	+	3	108	TTG	TGA	0	0	
mORF_+_2132855	2132855	2133439	+	2	585	TTG	TAA	0	0	
mORF_+_2132931	2132931	2132978	+	3	48	ATG	TAA	0	0	
mORF_+_2133003	2133003	2133101	+	3	99	TTG	TGA	0	0	
mORF_+_2133102	2133102	2133194	+	3	93	ATG	TAG	0	0	
mORF_+_2133198	2133198	2133230	+	3	33	TTG	TGA	0	0	
mORF_+_2133258	2133258	2133284	+	3	27	GTG	TGA	0	0	
mORF_+_2133327	2133327	2133512	+	3	186	GTG	TAA	0	0	
mORF_+_2133418	2133418	2133567	+	1	150	ATG	TGA	0	0	
mORF_+_2133479	2133479	2133808	+	2	330	TTG	TGA	0	0	
mORF_+_2133519	2133519	2133536	+	3	18	GTG	TAA	0	0	
mORF_+_2133561	2133561	2133920	+	3	360	GTG	TGA	0	0	
mORF_+_2133805	2133805	2133855	+	1	51	GTG	TAA	0	0	
mORF_+_2133824	2133824	2133898	+	2	75	TTG	TAG	0	0	
mORF_+_2133865	2133865	2134059	+	1	195	ATG	TAA	0	0	
mORF_+_2133899	2133899	2133925	+	2	27	TTG	TGA	0	0	

mORF_+_2134088	2134088	2134180	+	2	93	TTG	TAA	0	0	
mORF_+_2134137	2134137	2134625	+	3	489	ATG	TAG	0	0	
mORF_+_2134141	2134141	2134167	+	1	27	ATG	TAA	0	0	
mORF_+_2134184	2134184	2134201	+	2	18	TTG	TGA	0	0	
mORF_+_2134198	2134198	2134254	+	1	57	TTG	TAA	0	0	
mORF_+_2134291	2134291	2134317	+	1	27	GTG	TAG	0	0	
mORF_+_2134321	2134321	2134527	+	1	207	TTG	TAG	0	0	
mORF_+_2134517	2134517	2134564	+	2	48	GTG	TGA	0	0	
mORF_+_2134561	2134561	2134719	+	1	159	TTG	TGA	0	0	
mORF_+_2134619	2134619	2134675	+	2	57	GTG	TGA	0	0	
mORF_+_2134694	2134694	2134708	+	2	15	GTG	TGA	0	0	
mORF_+_2134716	2134716	2134760	+	3	45	TTG	TGA	0	0	
mORF_+_2134757	2134757	2134780	+	2	24	GTG	TAA	0	0	
mORF_+_2134801	2134801	2134887	+	1	87	ATG	TAA	0	0	
mORF_+_2134863	2134863	2135081	+	3	219	GTG	TAA	0	0	
mORF_+_2134894	2134894	2134944	+	1	51	GTG	TGA	0	0	
mORF_+_2134954	2134954	2134971	+	1	18	GTG	TGA	0	0	
mORF_+_2134981	2134981	2135022	+	1	42	GTG	TAA	0	0	
mORF_+_2135050	2135050	2135112	+	1	63	TTG	TAA	0	0	
mORF_+_2135072	2135072	2135158	+	2	87	GTG	TGA	0	0	
mORF_+_2135082	2135082	2135228	+	3	147	TTG	TGA	0	0	
mORF_+_2135125	2135125	2135313	+	1	189	TTG	TAA	0	0	
mORF_+_2135237	2135237	2135353	+	2	117	ATG	TGA	0	0	
mORF_+_2135283	2135283	2135294	+	3	12	TTG	TAA	0	0	
mORF_+_2135319	2135319	2135357	+	3	39	ATG	TAA	0	0	
mORF_+_2135350	2135350	2135418	+	1	69	TTG	TAA	0	0	
mORF_+_2135387	2135387	2135410	+	2	24	TTG	TGA	0	0	
mORF_+_2135515	2135515	2135553	+	1	39	ATG	TAA	0	0	
mORF_+_2135568	2135568	2135582	+	3	15	GTG	TAA	0	0	
mORF_+_2135576	2135576	2135659	+	2	84	ATG	TAA	0	0	
mORF_+_2135583	2135583	2135636	+	3	54	TTG	TAG	0	0	
mORF_+_2135590	2135590	2135604	+	1	15	TTG	TAA	0	0	
mORF_+_2135660	2135660	2135725	+	2	66	TTG	TGA	0	0	
mORF_+_2135686	2135686	2135769	+	1	84	GTG	TAA	0	0	
mORF_+_2135750	2135750	2135803	+	2	54	ATG	TAA	0	0	
mORF_+_2135769	2135769	2135792	+	3	24	ATG	TAA	0	0	
mORF_+_2135803	2135803	2135808	+	1	6	ATG	TGA	0	0	
mORF_+_2135805	2135805	2135837	+	3	33	GTG	TAA	0	0	
mORF_+_2135841	2135841	2135879	+	3	39	GTG	TGA	0	0	
mORF_+_2135852	2135852	2135890	+	2	39	TTG	TGA	0	0	
mORF_+_2135860	2135860	2137509	+	1	1650	TTG	TGA	4	32	pORF_+_2135860
mORF_+_2135894	2135894	2135911	+	2	18	TTG	TAG	0	0	
mORF_+_2135915	2135915	2135965	+	2	51	TTG	TAA	0	0	
mORF_+_2135931	2135931	2136002	+	3	72	ATG	TGA	0	0	
mORF_+_2135975	2135975	2135980	+	2	6	TTG	TGA	0	0	
mORF_+_2135999	2135999	2136094	+	2	96	TTG	TAA	0	0	
mORF_+_2136200	2136200	2136241	+	2	42	TTG	TGA	0	0	
mORF_+_2136290	2136290	2136313	+	2	24	GTG	TGA	0	0	
mORF_+_2136320	2136320	2136358	+	2	39	TTG	TGA	0	0	
mORF_+_2136458	2136458	2136496	+	2	39	TTG	TAA	0	0	
mORF_+_2136512	2136512	2136592	+	2	81	TTG	TGA	0	0	
mORF_+_2136713	2136713	2136796	+	2	84	ATG	TGA	0	0	
mORF_+_2136797	2136797	2136844	+	2	48	TTG	TGA	0	0	
mORF_+_2136860	2136860	2137039	+	2	180	TTG	TGA	0	0	
mORF_+_2137103	2137103	2137162	+	2	60	ATG	TGA	0	0	
mORF_+_2137169	2137169	2137360	+	2	192	GTG	TGA	0	0	
mORF_+_2137484	2137484	2137534	+	2	51	ATG	TAG	0	0	
mORF_+_2137506	2137506	2137547	+	3	42	GTG	TAA	0	0	
mORF_+_2137549	2137549	2137614	+	1	66	ATG	TGA	0	0	
mORF_+_2137593	2137593	2137652	+	3	60	TTG	TAG	0	0	
mORF_+_2137601	2137601	2137672	+	2	72	GTG	TGA	0	0	
mORF_+_2137669	2137669	2137731	+	1	63	GTG	TGA	0	0	
mORF_+_2137709	2137709	2137900	+	2	192	ATG	TGA	0	0	

mORF_+_2137731	2137731	2137781	+	3	51	ATG	TAA	0	0
mORF_+_2137882	2137882	2137896	+	1	15	ATG	TAA	0	0
mORF_+_2137906	2137906	2138112	+	1	207	TTG	TAA	0	0
mORF_+_2137919	2137919	2137942	+	2	24	TTG	TAA	0	0
mORF_+_2137985	2137985	2138044	+	2	60	TTG	TGA	0	0
mORF_+_2138060	2138060	2138095	+	2	36	ATG	TGA	0	0
mORF_+_2138102	2138102	2138227	+	2	126	ATG	TGA	0	0
mORF_+_2138221	2138221	2138352	+	1	132	TTG	TGA	0	0
mORF_+_2138255	2138255	2138380	+	2	126	ATG	TAG	0	0
mORF_+_2138280	2138280	2138384	+	3	105	GTG	TAA	0	0
mORF_+_2138396	2138396	2138515	+	2	120	ATG	TGA	0	0
mORF_+_2138424	2138424	2138498	+	3	75	GTG	TAA	0	0
mORF_+_2138512	2138512	2138688	+	1	177	TTG	TGA	0	0
mORF_+_2138537	2138537	2138638	+	2	102	TTG	TGA	0	0
mORF_+_2138666	2138666	2138926	+	2	261	ATG	TGA	0	0
mORF_+_2138685	2138685	2138741	+	3	57	TTG	TAA	0	0
mORF_+_2138689	2138689	2138835	+	1	147	TTG	TAG	0	0
mORF_+_2138820	2138820	2138861	+	3	42	GTG	TAA	0	0
mORF_+_2138863	2138863	2138874	+	1	12	TTG	TGA	0	0
mORF_+_2138871	2138871	2138969	+	3	99	ATG	TAA	0	0
mORF_+_2138884	2138884	2138889	+	1	6	ATG	TGA	0	0
mORF_+_2138932	2138932	2138943	+	1	12	TTG	TAA	0	0
mORF_+_2138971	2138971	2138991	+	1	21	TTG	TAA	0	0
mORF_+_2138995	2138995	2139084	+	1	90	ATG	TGA	0	0
mORF_+_2139038	2139038	2139052	+	2	15	GTG	TGA	0	0
mORF_+_2139081	2139081	2139188	+	3	108	ATG	TAA	0	0
mORF_+_2139091	2139091	2139225	+	1	135	ATG	TGA	0	0
mORF_+_2139125	2139125	2139346	+	2	222	TTG	TGA	0	0
mORF_+_2139252	2139252	2139335	+	3	84	GTG	TAA	0	0
mORF_+_2139301	2139301	2139321	+	1	21	TTG	TAG	0	0
mORF_+_2139343	2139343	2139357	+	1	15	TTG	TAG	0	0
mORF_+_2139357	2139357	2139428	+	3	72	GTG	TGA	0	0
mORF_+_2139383	2139383	2139502	+	2	120	ATG	TGA	0	0
mORF_+_2139469	2139469	2139573	+	1	105	GTG	TAA	0	0
mORF_+_2139480	2139480	2139530	+	3	51	GTG	TGA	0	0
mORF_+_2139527	2139527	2139538	+	2	12	TTG	TAG	0	0
mORF_+_2139635	2139635	2139661	+	2	27	ATG	TAG	0	0
mORF_+_2139698	2139698	2139730	+	2	33	TTG	TAA	0	0
mORF_+_2139782	2139782	2139823	+	2	42	ATG	TAG	0	0
mORF_+_2139836	2139836	2139991	+	2	156	ATG	TGA	0	0
mORF_+_2139865	2139865	2139906	+	1	42	GTG	TGA	0	0
mORF_+_2139903	2139903	2140088	+	3	186	GTG	TAA	0	0
mORF_+_2139988	2139988	2140272	+	1	285	GTG	TAA	0	0
mORF_+_2140067	2140067	2140102	+	2	36	TTG	TGA	0	0
mORF_+_2140124	2140124	2140309	+	2	186	TTG	TGA	0	0
mORF_+_2140176	2140176	2140184	+	3	9	GTG	TGA	0	0
mORF_+_2140377	2140377	2140469	+	3	93	ATG	TGA	0	0
mORF_+_2140418	2140418	2140486	+	2	69	TTG	TGA	0	0
mORF_+_2140492	2140492	2140512	+	1	21	TTG	TAA	0	0
mORF_+_2140521	2140521	2140685	+	3	165	TTG	TAG	0	0
mORF_+_2140673	2140673	2140732	+	2	60	ATG	TAA	0	0
mORF_+_2140705	2140705	2140788	+	1	84	TTG	TAA	0	0
mORF_+_2140733	2140733	2141041	+	2	309	ATG	TAG	0	0
mORF_+_2140779	2140779	2140817	+	3	39	TTG	TGA	0	0
mORF_+_2140821	2140821	2140826	+	3	6	TTG	TAA	0	0
mORF_+_2140851	2140851	2140889	+	3	39	ATG	TAA	0	0
mORF_+_2140911	2140911	2140955	+	3	45	TTG	TGA	0	0
mORF_+_2140924	2140924	2140944	+	1	21	ATG	TAA	0	0
mORF_+_2140998	2140998	2141072	+	3	75	ATG	TAG	0	0
mORF_+_2141075	2141075	2141095	+	2	21	TTG	TAA	0	0
mORF_+_2141096	2141096	2141146	+	2	51	TTG	TAA	0	0
mORF_+_2141155	2141155	2141202	+	1	48	ATG	TGA	0	0
mORF_+_2141168	2141168	2141224	+	2	57	TTG	TAA	0	0

mORF_+_2141199	2141199	2141243	+	3	45	ATG	TAA	0	0	
mORF_+_2141230	2141230	2141238	+	1	9	TTG	TAG	0	0	
mORF_+_2141273	2141273	2141290	+	2	18	TTG	TAA	0	0	
mORF_+_2141290	2141290	2144607	+	1	3318	ATG	TGA	0	0	
mORF_+_2141309	2141309	2141317	+	2	9	ATG	TAA	0	0	
mORF_+_2141318	2141318	2141356	+	2	39	TTG	TAG	0	0	
mORF_+_2141390	2141390	2141449	+	2	60	TTG	TGA	0	0	
mORF_+_2141427	2141427	2141588	+	3	162	GTG	TGA	0	0	
mORF_+_2141468	2141468	2141500	+	2	33	ATG	TGA	0	0	
mORF_+_2141582	2141582	2141728	+	2	147	TTG	TGA	0	0	
mORF_+_2141628	2141628	2141636	+	3	9	GTG	TAA	0	0	
mORF_+_2141763	2141763	2141822	+	3	60	ATG	TAA	0	0	
mORF_+_2141864	2141864	2141884	+	2	21	TTG	TAG	0	0	
mORF_+_2141928	2141928	2142362	+	3	435	GTG	TAA	0	0	
mORF_+_2141948	2141948	2141959	+	2	12	TTG	TGA	0	0	
mORF_+_2142059	2142059	2142082	+	2	24	TTG	TGA	0	0	
mORF_+_2142152	2142152	2142241	+	2	90	ATG	TAG	0	0	
mORF_+_2142377	2142377	2142388	+	2	12	TTG	TGA	0	0	
mORF_+_2142395	2142395	2142403	+	2	9	GTG	TAA	0	0	
mORF_+_2142440	2142440	2142541	+	2	102	ATG	TAA	0	0	
mORF_+_2142608	2142608	2142631	+	2	24	TTG	TGA	0	0	
mORF_+_2142621	2142621	2142647	+	3	27	GTG	TAG	0	0	
mORF_+_2142674	2142674	2142760	+	2	87	ATG	TGA	0	0	
mORF_+_2142711	2142711	2142767	+	3	57	GTG	TGA	0	0	
mORF_+_2142764	2142764	2142817	+	2	54	GTG	TAA	0	0	
mORF_+_2142971	2142971	2143015	+	2	45	TTG	TGA	0	0	
mORF_+_2143079	2143079	2143093	+	2	15	GTG	TGA	0	0	
mORF_+_2143112	2143112	2143132	+	2	21	TTG	TAA	0	0	
mORF_+_2143148	2143148	2143243	+	2	96	GTG	TAA	0	0	
mORF_+_2143265	2143265	2143282	+	2	18	TTG	TGA	0	0	
mORF_+_2143340	2143340	2143351	+	2	12	ATG	TGA	0	0	
mORF_+_2143376	2143376	2143411	+	2	36	TTG	TAA	0	0	
mORF_+_2143430	2143430	2143471	+	2	42	ATG	TGA	0	0	
mORF_+_2143472	2143472	2143528	+	2	57	ATG	TAA	0	0	
mORF_+_2143571	2143571	2143654	+	2	84	GTG	TGA	0	0	
mORF_+_2143655	2143655	2143696	+	2	42	ATG	TAG	0	0	
mORF_+_2143671	2143671	2143724	+	3	54	ATG	TGA	0	0	
mORF_+_2143697	2143697	2143720	+	2	24	GTG	TGA	0	0	
mORF_+_2143721	2143721	2143753	+	2	33	TTG	TGA	0	0	
mORF_+_2143778	2143778	2143810	+	2	33	ATG	TGA	0	0	
mORF_+_2143865	2143865	2143885	+	2	21	TTG	TGA	0	0	
mORF_+_2143875	2143875	2143889	+	3	15	GTG	TAA	0	0	
mORF_+_2143919	2143919	2143963	+	2	45	GTG	TGA	0	0	
mORF_+_2143956	2143956	2143973	+	3	18	GTG	TAA	0	0	
mORF_+_2143983	2143983	2144003	+	3	21	TTG	TGA	0	0	
mORF_+_2144000	2144000	2144119	+	2	120	TTG	TAA	1	2	pORF_+_2144000
mORF_+_2144141	2144141	2144152	+	2	12	TTG	TGA	0	0	
mORF_+_2144171	2144171	2144227	+	2	57	ATG	TGA	0	0	
mORF_+_2144289	2144289	2144375	+	3	87	ATG	TGA	0	0	
mORF_+_2144372	2144372	2144410	+	2	39	TTG	TGA	0	0	
mORF_+_2144385	2144385	2144405	+	3	21	ATG	TAA	0	0	
mORF_+_2144414	2144414	2144425	+	2	12	ATG	TGA	0	0	
mORF_+_2144537	2144537	2144548	+	2	12	ATG	TGA	0	0	
mORF_+_2144549	2144549	2144581	+	2	33	TTG	TGA	0	0	
mORF_+_2144611	2144611	2144640	+	1	30	GTG	TAA	0	0	
mORF_+_2144652	2144652	2144843	+	3	192	ATG	TAA	0	0	
mORF_+_2144731	2144731	2144985	+	1	255	TTG	TAA	0	0	
mORF_+_2144973	2144973	2145293	+	3	321	TTG	TAA	0	0	
mORF_+_2144987	2144987	2145016	+	2	30	GTG	TGA	0	0	
mORF_+_2145013	2145013	2145051	+	1	39	ATG	TAA	0	0	
mORF_+_2145193	2145193	2145201	+	1	9	TTG	TAA	0	0	
mORF_+_2145298	2145298	2145366	+	1	69	TTG	TAA	0	0	
mORF_+_2145300	2145300	2145416	+	3	117	GTG	TAG	0	0	

mORF_+_2145383	2145383	2145463	+	2	81	ATG	TAA	0	0	
mORF_+_2145385	2145385	2145660	+	1	276	GTG	TAA	0	0	
mORF_+_2145618	2145618	2145773	+	3	156	TTG	TAA	0	0	
mORF_+_2145635	2145635	2147050	+	2	1416	TTG	TAA	1	2	pORF_+_2145635
mORF_+_2145811	2145811	2145828	+	1	18	TTG	TGA	0	0	
mORF_+_2145825	2145825	2145836	+	3	12	GTG	TAA	0	0	
mORF_+_2145841	2145841	2145861	+	1	21	ATG	TGA	0	0	
mORF_+_2145858	2145858	2146016	+	3	159	ATG	TGA	0	0	
mORF_+_2146006	2146006	2146077	+	1	72	GTG	TGA	0	0	
mORF_+_2146038	2146038	2146052	+	3	15	GTG	TAA	0	0	
mORF_+_2146074	2146074	2146097	+	3	24	TTG	TGA	0	0	
mORF_+_2146158	2146158	2146379	+	3	222	TTG	TGA	0	0	
mORF_+_2146390	2146390	2146413	+	1	24	GTG	TGA	0	0	
mORF_+_2146410	2146410	2146490	+	3	81	GTG	TGA	0	0	
mORF_+_2146438	2146438	2146455	+	1	18	TTG	TAA	0	0	
mORF_+_2146509	2146509	2146697	+	3	189	GTG	TAA	0	0	
mORF_+_2146549	2146549	2146593	+	1	45	GTG	TGA	0	0	
mORF_+_2146726	2146726	2146788	+	1	63	GTG	TGA	0	0	
mORF_+_2146734	2146734	2146751	+	3	18	TTG	TAG	0	0	
mORF_+_2146785	2146785	2146802	+	3	18	ATG	TGA	0	0	
mORF_+_2146980	2146980	2147054	+	3	75	TTG	TGA	0	0	
mORF_+_2147051	2147051	2147077	+	2	27	TTG	TAA	0	0	
mORF_+_2147058	2147058	2147093	+	3	36	ATG	TGA	0	0	
mORF_+_2147136	2147136	2147156	+	3	21	ATG	TGA	0	0	
mORF_+_2147143	2147143	2147280	+	1	138	GTG	TGA	0	0	
mORF_+_2147153	2147153	2147410	+	2	258	ATG	TAA	0	0	
mORF_+_2147217	2147217	2147510	+	3	294	TTG	TGA	0	0	
mORF_+_2147497	2147497	2147595	+	1	99	TTG	TAA	0	0	
mORF_+_2147507	2147507	2147545	+	2	39	ATG	TAA	0	0	
mORF_+_2147586	2147586	2147645	+	3	60	TTG	TAG	0	0	
mORF_+_2147636	2147636	2147800	+	2	165	ATG	TAA	0	0	
mORF_+_2147665	2147665	2147724	+	1	60	ATG	TAA	0	0	
mORF_+_2147694	2147694	2147762	+	3	69	TTG	TAA	0	0	
mORF_+_2147800	2147800	2147829	+	1	30	ATG	TGA	0	0	
mORF_+_2147826	2147826	2147885	+	3	60	ATG	TGA	0	0	
mORF_+_2147876	2147876	2147893	+	2	18	TTG	TAA	0	0	
mORF_+_2147893	2147893	2147976	+	1	84	ATG	TAA	0	0	
mORF_+_2147900	2147900	2147923	+	2	24	TTG	TGA	0	0	
mORF_+_2147970	2147970	2148005	+	3	36	GTG	TAG	0	0	
mORF_+_2148014	2148014	2148076	+	2	63	TTG	TGA	0	0	
mORF_+_2148070	2148070	2148135	+	1	66	TTG	TAG	0	0	
mORF_+_2148098	2148098	2148106	+	2	9	TTG	TAG	0	0	
mORF_+_2148151	2148151	2148171	+	1	21	TTG	TGA	0	0	
mORF_+_2148168	2148168	2148182	+	3	15	GTG	TGA	0	0	
mORF_+_2148172	2148172	2148225	+	1	54	ATG	TAG	0	0	
mORF_+_2148186	2148186	2148257	+	3	72	ATG	TGA	0	0	
mORF_+_2148229	2148229	2148291	+	1	63	GTG	TAA	0	0	
mORF_+_2148284	2148284	2148379	+	2	96	ATG	TAG	0	0	
mORF_+_2148401	2148401	2148433	+	2	33	GTG	TGA	0	0	
mORF_+_2148411	2148411	2148515	+	3	105	GTG	TGA	0	0	
mORF_+_2148430	2148430	2148462	+	1	33	ATG	TAA	0	0	
mORF_+_2148443	2148443	2148448	+	2	6	TTG	TAG	0	0	
mORF_+_2148464	2148464	2148487	+	2	24	ATG	TAA	0	0	
mORF_+_2148488	2148488	2148625	+	2	138	ATG	TGA	0	0	
mORF_+_2148493	2148493	2148510	+	1	18	GTG	TAA	0	0	
mORF_+_2148543	2148543	2148608	+	3	66	TTG	TGA	0	0	
mORF_+_2148622	2148622	2148747	+	1	126	ATG	TAA	0	0	
mORF_+_2148633	2148633	2148647	+	3	15	TTG	TAG	0	0	
mORF_+_2148668	2148668	2148862	+	2	195	ATG	TAA	0	0	
mORF_+_2148784	2148784	2148840	+	1	57	TTG	TAA	0	0	
mORF_+_2148849	2148849	2148881	+	3	33	TTG	TGA	0	0	
mORF_+_2148868	2148868	2148987	+	1	120	GTG	TAA	0	0	
mORF_+_2148878	2148878	2149048	+	2	171	GTG	TAA	0	0	

mORF_+_2148888	2148888	2148923	+	3	36	TTG	TAA	0	0	
mORF_+_2148942	2148942	2149025	+	3	84	TTG	TAG	0	0	
mORF_+_2149000	2149000	2149011	+	1	12	TTG	TAA	0	0	
mORF_+_2149041	2149041	2149058	+	3	18	ATG	TAA	0	0	
mORF_+_2149078	2149078	2149158	+	1	81	ATG	TAA	0	0	
mORF_+_2149151	2149151	2149264	+	2	114	ATG	TAG	0	0	
mORF_+_2149209	2149209	2149670	+	3	462	ATG	TAA	0	0	
mORF_+_2149264	2149264	2149284	+	1	21	GTG	TAG	0	0	
mORF_+_2149297	2149297	2149368	+	1	72	ATG	TGA	0	0	
mORF_+_2149378	2149378	2149410	+	1	33	ATG	TAA	0	0	
mORF_+_2149447	2149447	2149482	+	1	36	ATG	TAA	0	0	
mORF_+_2149489	2149489	2149515	+	1	27	ATG	TAG	0	0	
mORF_+_2149519	2149519	2149650	+	1	132	ATG	TAA	0	0	
mORF_+_2149529	2149529	2149582	+	2	54	GTG	TAA	0	0	
mORF_+_2149687	2149687	2149818	+	1	132	TTG	TAA	0	0	
mORF_+_2149703	2149703	2149729	+	2	27	TTG	TGA	0	0	
mORF_+_2149755	2149755	2149871	+	3	117	GTG	TGA	0	0	
mORF_+_2149840	2149840	2149920	+	1	81	TTG	TAA	0	0	
mORF_+_2149868	2149868	2149897	+	2	30	TTG	TGA	0	0	
mORF_+_2149947	2149947	2149982	+	3	36	ATG	TGA	0	0	
mORF_+_2149958	2149958	2150080	+	2	123	TTG	TGA	0	0	
mORF_+_2149960	2149960	2150142	+	1	183	GTG	TGA	0	0	
mORF_+_2150126	2150126	2150218	+	2	93	GTG	TGA	0	0	
mORF_+_2150139	2150139	2150258	+	3	120	ATG	TAA	0	0	
mORF_+_2150215	2150215	2150382	+	1	168	TTG	TAA	0	0	
mORF_+_2150222	2150222	2150296	+	2	75	ATG	TAA	0	0	
mORF_+_2150309	2150309	2150431	+	2	123	TTG	TGA	0	0	
mORF_+_2150382	2150382	2150450	+	3	69	ATG	TGA	0	0	
mORF_+_2150450	2150450	2150479	+	2	30	ATG	TAG	0	0	
mORF_+_2150452	2150452	2150472	+	1	21	GTG	TGA	0	0	
mORF_+_2150469	2150469	2150501	+	3	33	TTG	TGA	0	0	
mORF_+_2150513	2150513	2150587	+	2	75	TTG	TAA	0	0	
mORF_+_2150545	2150545	2150628	+	1	84	GTG	TGA	0	0	
mORF_+_2150601	2150601	2150606	+	3	6	TTG	TAA	0	0	
mORF_+_2150610	2150610	2150981	+	3	372	TTG	TAA	0	0	
mORF_+_2150642	2150642	2150767	+	2	126	GTG	TAA	0	0	
mORF_+_2150677	2150677	2150790	+	1	114	ATG	TAA	0	0	
mORF_+_2150804	2150804	2150854	+	2	51	TTG	TAA	0	0	
mORF_+_2150848	2150848	2151207	+	1	360	TTG	TAA	0	0	
mORF_+_2150867	2150867	2150911	+	2	45	TTG	TAG	0	0	
mORF_+_2151098	2151098	2151139	+	2	42	GTG	TGA	0	0	
mORF_+_2151141	2151141	2151215	+	3	75	TTG	TAA	0	0	
mORF_+_2151264	2151264	2151302	+	3	39	TTG	TGA	0	0	
mORF_+_2151299	2151299	2151319	+	2	21	TTG	TGA	0	0	
mORF_+_2151316	2151316	2151324	+	1	9	GTG	TAA	0	0	
mORF_+_2151333	2151333	2151392	+	3	60	GTG	TAA	0	0	
mORF_+_2151367	2151367	2151399	+	1	33	GTG	TAA	0	0	
mORF_+_2151413	2151413	2151496	+	2	84	ATG	TGA	0	0	
mORF_+_2151421	2151421	2151525	+	1	105	GTG	TGA	0	0	
mORF_+_2151526	2151526	2151549	+	1	24	ATG	TGA	0	0	
mORF_+_2151546	2151546	2151581	+	3	36	GTG	TAA	0	0	
mORF_+_2151574	2151574	2151651	+	1	78	TTG	TGA	0	0	
mORF_+_2151599	2151599	2151637	+	2	39	TTG	TGA	0	0	
mORF_+_2151648	2151648	2151671	+	3	24	GTG	TGA	0	0	
mORF_+_2151668	2151668	2151727	+	2	60	GTG	TGA	0	0	
mORF_+_2151724	2151724	2151870	+	1	147	ATG	TAA	0	0	
mORF_+_2151893	2151893	2153287	+	2	1395	GTG	TGA	6	12	pORF_+_2151893
mORF_+_2151906	2151906	2151998	+	3	93	ATG	TAG	0	0	
mORF_+_2151910	2151910	2151960	+	1	51	GTG	TAA	0	0	
mORF_+_2151982	2151982	2152050	+	1	69	TTG	TAG	0	0	
mORF_+_2152063	2152063	2152131	+	1	69	TTG	TGA	0	0	
mORF_+_2152128	2152128	2152217	+	3	90	ATG	TAG	0	0	
mORF_+_2152275	2152275	2152334	+	3	60	TTG	TGA	0	0	

mORF_+_2152392	2152392	2152421	+	3	30	TTG	TAG	0	0	
mORF_+_2152461	2152461	2152721	+	3	261	TTG	TGA	0	0	
mORF_+_2152854	2152854	2152871	+	3	18	GTG	TAA	0	0	
mORF_+_2152890	2152890	2152916	+	3	27	ATG	TGA	0	0	
mORF_+_2152938	2152938	2152982	+	3	45	ATG	TAG	0	0	
mORF_+_2153037	2153037	2153063	+	3	27	ATG	TGA	0	0	
mORF_+_2153133	2153133	2153165	+	3	33	GTG	TGA	0	0	
mORF_+_2153175	2153175	2153186	+	3	12	TTG	TGA	0	0	
mORF_+_2153287	2153287	2156409	+	1	3123	ATG	TAA	2	4	pORF_+_2153287
mORF_+_2153471	2153471	2153491	+	2	21	GTG	TGA	0	0	
mORF_+_2153573	2153573	2153605	+	2	33	GTG	TAA	0	0	
mORF_+_2153618	2153618	2153710	+	2	93	ATG	TGA	0	0	
mORF_+_2153894	2153894	2153911	+	2	18	TTG	TGA	0	0	
mORF_+_2153987	2153987	2154046	+	2	60	GTG	TAA	0	0	
mORF_+_2154086	2154086	2154100	+	2	15	ATG	TAG	0	0	
mORF_+_2154107	2154107	2154160	+	2	54	GTG	TGA	0	0	
mORF_+_2154132	2154132	2154188	+	3	57	GTG	TAA	0	0	
mORF_+_2154164	2154164	2154259	+	2	96	ATG	TGA	0	0	
mORF_+_2154308	2154308	2154328	+	2	21	ATG	TGA	0	0	
mORF_+_2154401	2154401	2154424	+	2	24	GTG	TAA	0	0	
mORF_+_2154515	2154515	2154532	+	2	18	ATG	TGA	0	0	
mORF_+_2154599	2154599	2154628	+	2	30	GTG	TGA	0	0	
mORF_+_2154641	2154641	2154652	+	2	12	TTG	TGA	0	0	
mORF_+_2154701	2154701	2154721	+	2	21	TTG	TAG	0	0	
mORF_+_2154768	2154768	2154803	+	3	36	GTG	TAA	0	0	
mORF_+_2154821	2154821	2154850	+	2	30	GTG	TAA	0	0	
mORF_+_2154860	2154860	2154886	+	2	27	ATG	TGA	0	0	
mORF_+_2154894	2154894	2154935	+	3	42	GTG	TAG	0	0	
mORF_+_2154945	2154945	2155121	+	3	177	GTG	TGA	0	0	
mORF_+_2154986	2154986	2155072	+	2	87	ATG	TGA	0	0	
mORF_+_2155109	2155109	2155141	+	2	33	TTG	TGA	0	0	
mORF_+_2155145	2155145	2155231	+	2	87	GTG	TAG	0	0	
mORF_+_2155283	2155283	2155369	+	2	87	TTG	TGA	0	0	
mORF_+_2155403	2155403	2155534	+	2	132	ATG	TGA	0	0	
mORF_+_2155670	2155670	2155732	+	2	63	TTG	TAA	0	0	
mORF_+_2155775	2155775	2155813	+	2	39	ATG	TGA	0	0	
mORF_+_2155895	2155895	2156017	+	2	123	TTG	TGA	0	0	
mORF_+_2156018	2156018	2156041	+	2	24	TTG	TGA	0	0	
mORF_+_2156042	2156042	2156068	+	2	27	TTG	TGA	0	0	
mORF_+_2156166	2156166	2156396	+	3	231	TTG	TGA	0	0	
mORF_+_2156216	2156216	2156233	+	2	18	TTG	TGA	0	0	
mORF_+_2156300	2156300	2156317	+	2	18	TTG	TGA	0	0	
mORF_+_2156384	2156384	2156413	+	2	30	TTG	TGA	0	0	
mORF_+_2156410	2156410	2159487	+	1	3078	GTG	TAA	0	0	
mORF_+_2156420	2156420	2156542	+	2	123	TTG	TGA	0	0	
mORF_+_2156478	2156478	2156645	+	3	168	GTG	TGA	0	0	
mORF_+_2156567	2156567	2156650	+	2	84	GTG	TGA	0	0	
mORF_+_2156693	2156693	2156830	+	2	138	TTG	TGA	0	0	
mORF_+_2156864	2156864	2156977	+	2	114	GTG	TGA	0	0	
mORF_+_2157038	2157038	2157115	+	2	78	ATG	TAA	0	0	
mORF_+_2157182	2157182	2157196	+	2	15	ATG	TGA	0	0	
mORF_+_2157212	2157212	2157232	+	2	21	ATG	TGA	0	0	
mORF_+_2157299	2157299	2157424	+	2	126	TTG	TGA	0	0	
mORF_+_2157521	2157521	2157577	+	2	57	TTG	TAA	0	0	
mORF_+_2157546	2157546	2157566	+	3	21	GTG	TAA	0	0	
mORF_+_2157611	2157611	2157664	+	2	54	ATG	TGA	0	0	
mORF_+_2157797	2157797	2157805	+	2	9	TTG	TGA	0	0	
mORF_+_2157821	2157821	2157847	+	2	27	TTG	TGA	0	0	
mORF_+_2157864	2157864	2158142	+	3	279	GTG	TAA	0	0	
mORF_+_2157866	2157866	2157880	+	2	15	GTG	TGA	0	0	
mORF_+_2157914	2157914	2157937	+	2	24	GTG	TAG	0	0	
mORF_+_2158010	2158010	2158027	+	2	18	TTG	TGA	0	0	
mORF_+_2158169	2158169	2158222	+	2	54	GTG	TGA	0	0	

mORF_+_2158364	2158364	2158489	+	2	126	TTG	TGA	0	0	
mORF_+_2158434	2158434	2158508	+	3	75	ATG	TAA	0	0	
mORF_+_2158691	2158691	2158789	+	2	99	GTG	TGA	0	0	
mORF_+_2158758	2158758	2158829	+	3	72	ATG	TAA	0	0	
mORF_+_2158862	2158862	2158885	+	2	24	GTG	TGA	0	0	
mORF_+_2158892	2158892	2158957	+	2	66	TTG	TGA	0	0	
mORF_+_2159075	2159075	2159122	+	2	48	TTG	TAA	0	0	
mORF_+_2159189	2159189	2159221	+	2	33	TTG	TGA	0	0	
mORF_+_2159297	2159297	2159383	+	2	87	TTG	TAA	0	0	
mORF_+_2159488	2159488	2160903	+	1	1416	ATG	TGA	0	0	
mORF_+_2159514	2159514	2160074	+	3	561	TTG	TGA	0	0	
mORF_+_2159528	2159528	2159575	+	2	48	TTG	TAA	0	0	
mORF_+_2159639	2159639	2159656	+	2	18	TTG	TGA	0	0	
mORF_+_2159816	2159816	2159830	+	2	15	TTG	TGA	0	0	
mORF_+_2159900	2159900	2159992	+	2	93	TTG	TGA	0	0	
mORF_+_2160017	2160017	2160040	+	2	24	GTG	TAA	0	0	
mORF_+_2160071	2160071	2160118	+	2	48	TTG	TAA	0	0	
mORF_+_2160167	2160167	2160253	+	2	87	TTG	TGA	0	0	
mORF_+_2160299	2160299	2160337	+	2	39	TTG	TGA	0	0	
mORF_+_2160356	2160356	2160391	+	2	36	TTG	TGA	0	0	
mORF_+_2160410	2160410	2160427	+	2	18	TTG	TGA	0	0	
mORF_+_2160434	2160434	2160451	+	2	18	TTG	TGA	0	0	
mORF_+_2160458	2160458	2160481	+	2	24	TTG	TAG	0	0	
mORF_+_2160734	2160734	2160811	+	2	78	TTG	TGA	0	0	
mORF_+_2160836	2160836	2160871	+	2	36	TTG	TAG	0	0	
mORF_+_2160900	2160900	2162303	+	3	1404	ATG	TGA	1	2	pORF_+_2160900
mORF_+_2160961	2160961	2160972	+	1	12	TTG	TGA	0	0	
mORF_+_2161003	2161003	2161062	+	1	60	TTG	TAA	0	0	
mORF_+_2161063	2161063	2161329	+	1	267	GTG	TGA	0	0	
mORF_+_2161342	2161342	2161353	+	1	12	TTG	TAA	0	0	
mORF_+_2161408	2161408	2161479	+	1	72	TTG	TAA	0	0	
mORF_+_2161486	2161486	2161536	+	1	51	TTG	TAA	0	0	
mORF_+_2161546	2161546	2161668	+	1	123	GTG	TAG	0	0	
mORF_+_2161681	2161681	2161764	+	1	84	GTG	TGA	0	0	
mORF_+_2161774	2161774	2161839	+	1	66	TTG	TAG	0	0	
mORF_+_2161897	2161897	2161905	+	1	9	GTG	TGA	0	0	
mORF_+_2161942	2161942	2161962	+	1	21	TTG	TAA	0	0	
mORF_+_2162068	2162068	2162193	+	1	126	TTG	TGA	0	0	
mORF_+_2162186	2162186	2162203	+	2	18	TTG	TGA	0	0	
mORF_+_2162197	2162197	2162253	+	1	57	TTG	TAA	0	0	
mORF_+_2162300	2162300	2163022	+	2	723	ATG	TAG	8	25	pORF_+_2162300
mORF_+_2162352	2162352	2162471	+	3	120	ATG	TGA	0	0	
mORF_+_2162502	2162502	2162510	+	3	9	ATG	TGA	0	0	
mORF_+_2162515	2162515	2162541	+	1	27	GTG	TGA	0	0	
mORF_+_2162604	2162604	2162654	+	3	51	TTG	TAG	0	0	
mORF_+_2162680	2162680	2162718	+	1	39	TTG	TGA	0	0	
mORF_+_2162712	2162712	2162729	+	3	18	ATG	TGA	0	0	
mORF_+_2162758	2162758	2162769	+	1	12	ATG	TAA	0	0	
mORF_+_2162775	2162775	2162783	+	3	9	TTG	TGA	0	0	
mORF_+_2162868	2162868	2162885	+	3	18	ATG	TAG	0	0	
mORF_+_2162976	2162976	2163173	+	3	198	ATG	TAG	0	0	
mORF_+_2163052	2163052	2163105	+	1	54	ATG	TGA	0	0	
mORF_+_2163174	2163174	2163545	+	3	372	ATG	TAA	10	81	pORF_+_2163174
mORF_+_2163221	2163221	2163229	+	2	9	TTG	TGA	0	0	
mORF_+_2163226	2163226	2163270	+	1	45	TTG	TAA	0	0	
mORF_+_2163280	2163280	2163423	+	1	144	ATG	TGA	0	0	
mORF_+_2163481	2163481	2163531	+	1	51	GTG	TGA	0	0	
mORF_+_2163551	2163551	2163622	+	2	72	ATG	TAA	0	0	
mORF_+_2163565	2163565	2163657	+	1	93	TTG	TGA	0	0	
mORF_+_2163609	2163609	2163641	+	3	33	ATG	TAA	0	0	
mORF_+_2163654	2163654	2163668	+	3	15	GTG	TGA	0	0	
mORF_+_2163692	2163692	2165053	+	2	1362	ATG	TGA	38	249	pORF_+_2163692
mORF_+_2163756	2163756	2163917	+	3	162	ATG	TGA	0	0	

mORF_+_2163930	2163930	2163938	+	3	9	GTG	TGA	0	0	
mORF_+_2163963	2163963	2163971	+	3	9	ATG	TGA	0	0	
mORF_+_2164005	2164005	2164058	+	3	54	GTG	TGA	0	0	
mORF_+_2164137	2164137	2164415	+	3	279	TTG	TGA	0	0	
mORF_+_2164198	2164198	2164320	+	1	123	GTG	TGA	0	0	
mORF_+_2164455	2164455	2164484	+	3	30	TTG	TGA	0	0	
mORF_+_2164512	2164512	2164517	+	3	6	ATG	TAG	0	0	
mORF_+_2164582	2164582	2164623	+	1	42	TTG	TGA	0	0	
mORF_+_2164584	2164584	2164823	+	3	240	GTG	TAG	0	0	
mORF_+_2164845	2164845	2164865	+	3	21	TTG	TGA	0	0	
mORF_+_2164896	2164896	2164937	+	3	42	TTG	TAG	0	0	
mORF_+_2164947	2164947	2165006	+	3	60	ATG	TGA	0	0	
mORF_+_2164960	2164960	2164986	+	1	27	GTG	TGA	0	0	
mORF_+_2165050	2165050	2165091	+	1	42	GTG	TAG	0	0	
mORF_+_2165160	2165160	2165240	+	3	81	ATG	TGA	0	0	
mORF_+_2165194	2165194	2165199	+	1	6	GTG	TAA	0	0	
mORF_+_2165237	2165237	2165245	+	2	9	ATG	TAA	0	0	
mORF_+_2165275	2165275	2165307	+	1	33	TTG	TGA	0	0	
mORF_+_2165341	2165341	2165352	+	1	12	TTG	TGA	0	0	
mORF_+_2165362	2165362	2165529	+	1	168	GTG	TAA	0	0	
mORF_+_2165399	2165399	2165422	+	2	24	ATG	TAA	0	0	
mORF_+_2165423	2165423	2165455	+	2	33	GTG	TGA	0	0	
mORF_+_2165475	2165475	2165489	+	3	15	TTG	TGA	0	0	
mORF_+_2165480	2165480	2165494	+	2	15	GTG	TAG	0	0	
mORF_+_2165499	2165499	2165585	+	3	87	TTG	TAG	0	0	
mORF_+_2165536	2165536	2165571	+	1	36	ATG	TGA	0	0	
mORF_+_2165682	2165682	2165693	+	3	12	ATG	TGA	0	0	
mORF_+_2165690	2165690	2165794	+	2	105	GTG	TAA	0	0	
mORF_+_2165713	2165713	2165862	+	1	150	ATG	TAA	0	0	
mORF_+_2165715	2165715	2165726	+	3	12	GTG	TAG	0	0	
mORF_+_2165730	2165730	2165753	+	3	24	TTG	TGA	0	0	
mORF_+_2165781	2165781	2165813	+	3	33	GTG	TAG	0	0	
mORF_+_2165822	2165822	2165878	+	2	57	ATG	TAA	0	0	
mORF_+_2165889	2165889	2165993	+	3	105	TTG	TGA	0	0	
mORF_+_2165924	2165924	2166103	+	2	180	ATG	TGA	0	0	
mORF_+_2166030	2166030	2166107	+	3	78	ATG	TAA	0	0	
mORF_+_2166049	2166049	2166054	+	1	6	ATG	TAA	0	0	
mORF_+_2166085	2166085	2166171	+	1	87	TTG	TAA	0	0	
mORF_+_2166120	2166120	2166290	+	3	171	TTG	TAA	0	0	
mORF_+_2166188	2166188	2166193	+	2	6	GTG	TAG	0	0	
mORF_+_2166196	2166196	2166306	+	1	111	TTG	TAA	0	0	
mORF_+_2166306	2166306	2166314	+	3	9	ATG	TAG	0	0	
mORF_+_2166368	2166368	2166409	+	2	42	GTG	TAG	0	0	
mORF_+_2166384	2166384	2166392	+	3	9	ATG	TGA	0	0	
mORF_+_2166402	2166402	2166467	+	3	66	TTG	TGA	0	0	
mORF_+_2166421	2166421	2166447	+	1	27	ATG	TAA	0	0	
mORF_+_2166464	2166464	2166499	+	2	36	TTG	TAA	0	0	
mORF_+_2166487	2166487	2166528	+	1	42	ATG	TAG	0	0	
mORF_+_2166509	2166509	2166532	+	2	24	TTG	TGA	0	0	
mORF_+_2166529	2166529	2166615	+	1	87	TTG	TAA	0	0	
mORF_+_2166554	2166554	2166580	+	2	27	TTG	TAG	0	0	
mORF_+_2166567	2166567	2166674	+	3	108	GTG	TGA	0	0	
mORF_+_2166596	2166596	2166622	+	2	27	TTG	TGA	0	0	
mORF_+_2166634	2166634	2166642	+	1	9	TTG	TGA	0	0	
mORF_+_2166684	2166684	2166770	+	3	87	TTG	TAA	0	0	
mORF_+_2166736	2166736	2167635	+	1	900	ATG	TAA	1	2	pORF_+_2166736
mORF_+_2166770	2166770	2166835	+	2	66	ATG	TGA	0	0	
mORF_+_2166842	2166842	2166886	+	2	45	ATG	TAG	0	0	
mORF_+_2166902	2166902	2166919	+	2	18	TTG	TGA	0	0	
mORF_+_2166920	2166920	2166967	+	2	48	TTG	TGA	0	0	
mORF_+_2166972	2166972	2166977	+	3	6	GTG	TGA	0	0	
mORF_+_2166974	2166974	2167015	+	2	42	GTG	TAG	0	0	
mORF_+_2167025	2167025	2167045	+	2	21	ATG	TAG	0	0	

mORF_+_2167085	2167085	2167108	+	2	24	TTG	TAG	0	0	
mORF_+_2167163	2167163	2167201	+	2	39	TTG	TAA	0	0	
mORF_+_2167235	2167235	2167243	+	2	9	ATG	TAA	0	0	
mORF_+_2167272	2167272	2167277	+	3	6	TTG	TGA	0	0	
mORF_+_2167274	2167274	2167381	+	2	108	GTG	TAA	0	0	
mORF_+_2167365	2167365	2167385	+	3	21	GTG	TAA	0	0	
mORF_+_2167388	2167388	2167453	+	2	66	ATG	TAA	0	0	
mORF_+_2167497	2167497	2167505	+	3	9	GTG	TGA	0	0	
mORF_+_2167502	2167502	2167555	+	2	54	TTG	TGA	0	0	
mORF_+_2167556	2167556	2167654	+	2	99	GTG	TGA	0	0	
mORF_+_2167599	2167599	2167727	+	3	129	TTG	TAA	0	0	
mORF_+_2167651	2167651	2167689	+	1	39	TTG	TAA	0	0	
mORF_+_2167679	2167679	2167825	+	2	147	ATG	TGA	0	0	
mORF_+_2167752	2167752	2167790	+	3	39	ATG	TAA	0	0	
mORF_+_2167812	2167812	2167829	+	3	18	TTG	TAA	0	0	
mORF_+_2167851	2167851	2167880	+	3	30	ATG	TAG	0	0	
mORF_+_2167886	2167886	2167912	+	2	27	GTG	TAA	0	0	
mORF_+_2167995	2167995	2168069	+	3	75	ATG	TAA	0	0	
mORF_+_2168009	2168009	2168197	+	2	189	ATG	TGA	0	0	
mORF_+_2168017	2168017	2168145	+	1	129	ATG	TAA	0	0	
mORF_+_2168163	2168163	2168189	+	3	27	TTG	TAA	0	0	
mORF_+_2168213	2168213	2168236	+	2	24	GTG	TAA	0	0	
mORF_+_2168229	2168229	2168285	+	3	57	GTG	TAA	0	0	
mORF_+_2168251	2168251	2168559	+	1	309	GTG	TGA	10	35	pORF_+_2168251
mORF_+_2168321	2168321	2168332	+	2	12	GTG	TGA	0	0	
mORF_+_2168336	2168336	2168554	+	2	219	TTG	TGA	0	0	
mORF_+_2168556	2168556	2169422	+	3	867	ATG	TAG	5	10	pORF_+_2168556
mORF_+_2168563	2168563	2168673	+	1	111	ATG	TAA	0	0	
mORF_+_2168609	2168609	2168770	+	2	162	GTG	TGA	0	0	
mORF_+_2168710	2168710	2168763	+	1	54	TTG	TGA	0	0	
mORF_+_2168767	2168767	2168802	+	1	36	ATG	TAA	0	0	
mORF_+_2168932	2168932	2169060	+	1	129	GTG	TGA	0	0	
mORF_+_2168948	2168948	2168983	+	2	36	GTG	TGA	0	0	
mORF_+_2169017	2169017	2169109	+	2	93	GTG	TAA	0	0	
mORF_+_2169079	2169079	2169183	+	1	105	ATG	TGA	0	0	
mORF_+_2169199	2169199	2169210	+	1	12	GTG	TGA	0	0	
mORF_+_2169221	2169221	2169235	+	2	15	TTG	TAA	0	0	
mORF_+_2169235	2169235	2169267	+	1	33	ATG	TGA	0	0	
mORF_+_2169275	2169275	2169331	+	2	57	ATG	TAA	0	0	
mORF_+_2169283	2169283	2169312	+	1	30	ATG	TAA	0	0	
mORF_+_2169341	2169341	2169346	+	2	6	ATG	TGA	0	0	
mORF_+_2169343	2169343	2169447	+	1	105	GTG	TAG	0	0	
mORF_+_2169356	2169356	2169403	+	2	48	GTG	TGA	0	0	
mORF_+_2169440	2169440	2169715	+	2	276	GTG	TAA	0	0	
mORF_+_2169474	2169474	2169521	+	3	48	TTG	TGA	0	0	
mORF_+_2169502	2169502	2169534	+	1	33	TTG	TAA	0	0	
mORF_+_2169646	2169646	2169723	+	1	78	TTG	TGA	0	0	
mORF_+_2169716	2169716	2169745	+	2	30	TTG	TGA	0	0	
mORF_+_2169720	2169720	2169944	+	3	225	ATG	TGA	0	0	
mORF_+_2169742	2169742	2169786	+	1	45	ATG	TAA	0	0	
mORF_+_2169808	2169808	2169867	+	1	60	ATG	TGA	0	0	
mORF_+_2169818	2169818	2169952	+	2	135	TTG	TAA	0	0	
mORF_+_2169952	2169952	2170050	+	1	99	ATG	TAA	0	0	
mORF_+_2170074	2170074	2170109	+	3	36	TTG	TGA	0	0	
mORF_+_2170084	2170084	2170203	+	1	120	TTG	TAA	0	0	
mORF_+_2170097	2170097	2170228	+	2	132	ATG	TAA	0	0	
mORF_+_2170116	2170116	2170142	+	3	27	GTG	TGA	0	0	
mORF_+_2170241	2170241	2170315	+	2	75	TTG	TGA	0	0	
mORF_+_2170270	2170270	2170320	+	1	51	ATG	TAA	0	0	
mORF_+_2170320	2170320	2170367	+	3	48	ATG	TGA	0	0	
mORF_+_2170342	2170342	2170401	+	1	60	TTG	TAA	0	0	
mORF_+_2170368	2170368	2170439	+	3	72	ATG	TGA	0	0	
mORF_+_2170427	2170427	2170435	+	2	9	TTG	TAA	0	0	

mORF_+_2170436	2170436	2170507	+	2	72	ATG	TAG	0	0
mORF_+_2170500	2170500	2170601	+	3	102	GTG	TAA	0	0
mORF_+_2170585	2170585	2170629	+	1	45	TTG	TAA	0	0
mORF_+_2170670	2170670	2170675	+	2	6	GTG	TAA	0	0
mORF_+_2170721	2170721	2170729	+	2	9	ATG	TAA	0	0
mORF_+_2170735	2170735	2170761	+	1	27	TTG	TAA	0	0
mORF_+_2170745	2170745	2170774	+	2	30	ATG	TAA	0	0
mORF_+_2170826	2170826	2170891	+	2	66	ATG	TGA	0	0
mORF_+_2170842	2170842	2170916	+	3	75	ATG	TAA	0	0
mORF_+_2170910	2170910	2171023	+	2	114	TTG	TAA	0	0
mORF_+_2170969	2170969	2171082	+	1	114	TTG	TAA	0	0
mORF_+_2171025	2171025	2171036	+	3	12	TTG	TAA	0	0
mORF_+_2171039	2171039	2171074	+	2	36	ATG	TGA	0	0
mORF_+_2171090	2171090	2171107	+	2	18	ATG	TGA	0	0
mORF_+_2171112	2171112	2171153	+	3	42	TTG	TAG	0	0
mORF_+_2171161	2171161	2171232	+	1	72	TTG	TAA	0	0
mORF_+_2171165	2171165	2171320	+	2	156	GTG	TGA	0	0
mORF_+_2171254	2171254	2171346	+	1	93	ATG	TAA	0	0
mORF_+_2171348	2171348	2171437	+	2	90	ATG	TGA	0	0
mORF_+_2171355	2171355	2171363	+	3	9	GTG	TAA	0	0
mORF_+_2171373	2171373	2171477	+	3	105	TTG	TAG	0	0
mORF_+_2171392	2171392	2171457	+	1	66	ATG	TAA	0	0
mORF_+_2171480	2171480	2171581	+	2	102	ATG	TAA	0	0
mORF_+_2171517	2171517	2171573	+	3	57	GTG	TGA	0	0
mORF_+_2171591	2171591	2171659	+	2	69	ATG	TGA	0	0
mORF_+_2171640	2171640	2171675	+	3	36	ATG	TAA	0	0
mORF_+_2171708	2171708	2171830	+	2	123	ATG	TAA	0	0
mORF_+_2171758	2171758	2171877	+	1	120	GTG	TGA	0	0
mORF_+_2171874	2171874	2171909	+	3	36	ATG	TGA	0	0
mORF_+_2171890	2171890	2171970	+	1	81	ATG	TAA	0	0
mORF_+_2171906	2171906	2172280	+	2	375	GTG	TAA	0	0
mORF_+_2172019	2172019	2172042	+	1	24	TTG	TGA	0	0
mORF_+_2172036	2172036	2172191	+	3	156	TTG	TAA	0	0
mORF_+_2172070	2172070	2172135	+	1	66	ATG	TAA	0	0
mORF_+_2172175	2172175	2172216	+	1	42	ATG	TAA	0	0
mORF_+_2172284	2172284	2172379	+	2	96	ATG	TGA	0	0
mORF_+_2172334	2172334	2172339	+	1	6	TTG	TAA	0	0
mORF_+_2172339	2172339	2172365	+	3	27	ATG	TAA	0	0
mORF_+_2172376	2172376	2172384	+	1	9	GTG	TAA	0	0
mORF_+_2172413	2172413	2172451	+	2	39	TTG	TAG	0	0
mORF_+_2172433	2172433	2172483	+	1	51	ATG	TAA	0	0
mORF_+_2172499	2172499	2172594	+	1	96	ATG	TAG	0	0
mORF_+_2172578	2172578	2172820	+	2	243	TTG	TGA	0	0
mORF_+_2172604	2172604	2172630	+	1	27	TTG	TGA	0	0
mORF_+_2172645	2172645	2172650	+	3	6	TTG	TGA	0	0
mORF_+_2172687	2172687	2172779	+	3	93	GTG	TAA	0	0
mORF_+_2172709	2172709	2172714	+	1	6	TTG	TAA	0	0
mORF_+_2172745	2172745	2172846	+	1	102	TTG	TAA	0	0
mORF_+_2172834	2172834	2172869	+	3	36	TTG	TAG	0	0
mORF_+_2172854	2172854	2172874	+	2	21	ATG	TGA	0	0
mORF_+_2172871	2172871	2172954	+	1	84	ATG	TAA	0	0
mORF_+_2172894	2172894	2172902	+	3	9	TTG	TAG	0	0
mORF_+_2172954	2172954	2173067	+	3	114	ATG	TAG	0	0
mORF_+_2172973	2172973	2173017	+	1	45	ATG	TAA	0	0
mORF_+_2172986	2172986	2173099	+	2	114	TTG	TAG	0	0
mORF_+_2173144	2173144	2173158	+	1	15	ATG	TGA	0	0
mORF_+_2173152	2173152	2173208	+	3	57	TTG	TAA	0	0
mORF_+_2173175	2173175	2173204	+	2	30	ATG	TGA	0	0
mORF_+_2173186	2173186	2173332	+	1	147	TTG	TAA	0	0
mORF_+_2173211	2173211	2173291	+	2	81	ATG	TAA	0	0
mORF_+_2173218	2173218	2173271	+	3	54	GTG	TAA	0	0
mORF_+_2173332	2173332	2173343	+	3	12	ATG	TAA	0	0
mORF_+_2173372	2173372	2173482	+	1	111	TTG	TAA	0	0

mORF_+_2173455	2173455	2173571	+	3	117	GTG	TAG	0	0
mORF_+_2173522	2173522	2173536	+	1	15	GTG	TAA	0	0
mORF_+_2173573	2173573	2173707	+	1	135	ATG	TAA	0	0
mORF_+_2173575	2173575	2173649	+	3	75	GTG	TAA	0	0
mORF_+_2173595	2173595	2173639	+	2	45	GTG	TGA	0	0
mORF_+_2173652	2173652	2173660	+	2	9	TTG	TGA	0	0
mORF_+_2173688	2173688	2173744	+	2	57	ATG	TGA	0	0
mORF_+_2173701	2173701	2173733	+	3	33	GTG	TAA	0	0
mORF_+_2173741	2173741	2173755	+	1	15	TTG	TAA	0	0
mORF_+_2173760	2173760	2173798	+	2	39	TTG	TGA	0	0
mORF_+_2173777	2173777	2173794	+	1	18	ATG	TGA	0	0
mORF_+_2173799	2173799	2173849	+	2	51	ATG	TAG	0	0
mORF_+_2173855	2173855	2173938	+	1	84	TTG	TAA	0	0
mORF_+_2173932	2173932	2173991	+	3	60	GTG	TGA	0	0
mORF_+_2173943	2173943	2173981	+	2	39	ATG	TGA	0	0
mORF_+_2173978	2173978	2174205	+	1	228	ATG	TGA	0	0
mORF_+_2174070	2174070	2174099	+	3	30	TTG	TAA	0	0
mORF_+_2174099	2174099	2174179	+	2	81	ATG	TAA	0	0
mORF_+_2174109	2174109	2174138	+	3	30	GTG	TAA	0	0
mORF_+_2174163	2174163	2174195	+	3	33	GTG	TGA	0	0
mORF_+_2174192	2174192	2174359	+	2	168	TTG	TAA	0	0
mORF_+_2174202	2174202	2174267	+	3	66	TTG	TAA	0	0
mORF_+_2174275	2174275	2174292	+	1	18	ATG	TGA	0	0
mORF_+_2174305	2174305	2174334	+	1	30	ATG	TAA	0	0
mORF_+_2174353	2174353	2174439	+	1	87	TTG	TAG	0	0
mORF_+_2174360	2174360	2174500	+	2	141	ATG	TAA	0	0
mORF_+_2174367	2174367	2174453	+	3	87	GTG	TAA	0	0
mORF_+_2174530	2174530	2174541	+	1	12	TTG	TGA	0	0
mORF_+_2174538	2174538	2174573	+	3	36	TTG	TGA	0	0
mORF_+_2174567	2174567	2174590	+	2	24	TTG	TAA	0	0
mORF_+_2174603	2174603	2174620	+	2	18	ATG	TAA	0	0
mORF_+_2174637	2174637	2174690	+	3	54	ATG	TGA	0	0
mORF_+_2174668	2174668	2174787	+	1	120	GTG	TGA	0	0
mORF_+_2174687	2174687	2174884	+	2	198	ATG	TGA	0	0
mORF_+_2174694	2174694	2174753	+	3	60	GTG	TGA	0	0
mORF_+_2174760	2174760	2174954	+	3	195	TTG	TGA	0	0
mORF_+_2174881	2174881	2174925	+	1	45	GTG	TGA	0	0
mORF_+_2174891	2174891	2174929	+	2	39	TTG	TGA	0	0
mORF_+_2174973	2174973	2174978	+	3	6	GTG	TGA	0	0
mORF_+_2174975	2174975	2175265	+	2	291	GTG	TAA	0	0
mORF_+_2174992	2174992	2175030	+	1	39	TTG	TGA	0	0
mORF_+_2175067	2175067	2175090	+	1	24	ATG	TGA	0	0
mORF_+_2175069	2175069	2175152	+	3	84	GTG	TGA	0	0
mORF_+_2175156	2175156	2175176	+	3	21	TTG	TAA	0	0
mORF_+_2175160	2175160	2175363	+	1	204	ATG	TAG	0	0
mORF_+_2175192	2175192	2175284	+	3	93	TTG	TAA	0	0
mORF_+_2175275	2175275	2175319	+	2	45	TTG	TGA	0	0
mORF_+_2175379	2175379	2175564	+	1	186	GTG	TAA	0	0
mORF_+_2175393	2175393	2175410	+	3	18	ATG	TAA	0	0
mORF_+_2175417	2175417	2175488	+	3	72	GTG	TAA	0	0
mORF_+_2175428	2175428	2175433	+	2	6	ATG	TAG	0	0
mORF_+_2175510	2175510	2175527	+	3	18	GTG	TAA	0	0
mORF_+_2175613	2175613	2175750	+	1	138	TTG	TAG	0	0
mORF_+_2175802	2175802	2175810	+	1	9	TTG	TAA	0	0
mORF_+_2175823	2175823	2175828	+	1	6	GTG	TAA	0	0
mORF_+_2175839	2175839	2175880	+	2	42	TTG	TGA	0	0
mORF_+_2175873	2175873	2176064	+	3	192	TTG	TGA	0	0
mORF_+_2175877	2175877	2175921	+	1	45	TTG	TGA	0	0
mORF_+_2175899	2175899	2175967	+	2	69	TTG	TAA	0	0
mORF_+_2176061	2176061	2176087	+	2	27	GTG	TAG	0	0
mORF_+_2176111	2176111	2176149	+	1	39	ATG	TGA	0	0
mORF_+_2176146	2176146	2176172	+	3	27	TTG	TAG	0	0
mORF_+_2176180	2176180	2176185	+	1	6	TTG	TGA	0	0

mORF_+_2176182	2176182	2176256	+	3	75	GTG	TGA	0	0	
mORF_+_2176192	2176192	2176221	+	1	30	TTG	TAA	0	0	
mORF_+_2176202	2176202	2176327	+	2	126	ATG	TAG	0	0	
mORF_+_2176297	2176297	2176317	+	1	21	ATG	TAG	0	0	
mORF_+_2176334	2176334	2176381	+	2	48	ATG	TAG	0	0	
mORF_+_2176350	2176350	2176439	+	3	90	GTG	TAA	0	0	
mORF_+_2176393	2176393	2176485	+	1	93	GTG	TAG	0	0	
mORF_+_2176488	2176488	2176541	+	3	54	ATG	TAA	0	0	
mORF_+_2176520	2176520	2176660	+	2	141	TTG	TAA	0	0	
mORF_+_2176546	2176546	2176602	+	1	57	TTG	TAA	0	0	
mORF_+_2176623	2176623	2176778	+	3	156	ATG	TAA	0	0	
mORF_+_2176645	2176645	2176746	+	1	102	TTG	TAG	0	0	
mORF_+_2176697	2176697	2176846	+	2	150	ATG	TGA	0	0	
mORF_+_2176792	2176792	2176830	+	1	39	GTG	TGA	0	0	
mORF_+_2176827	2176827	2176883	+	3	57	ATG	TGA	0	0	
mORF_+_2176843	2176843	2178120	+	1	1278	ATG	TGA	0	0	
mORF_+_2176877	2176877	2176930	+	2	54	TTG	TAA	0	0	
mORF_+_2176884	2176884	2176934	+	3	51	ATG	TAA	0	0	
mORF_+_2176946	2176946	2177065	+	2	120	GTG	TGA	0	0	
mORF_+_2177114	2177114	2177152	+	2	39	TTG	TAA	0	0	
mORF_+_2177168	2177168	2177176	+	2	9	TTG	TGA	0	0	
mORF_+_2177192	2177192	2177239	+	2	48	TTG	TGA	0	0	
mORF_+_2177258	2177258	2177338	+	2	81	TTG	TGA	0	0	
mORF_+_2177274	2177274	2177324	+	3	51	ATG	TAA	0	0	
mORF_+_2177366	2177366	2177452	+	2	87	GTG	TGA	0	0	
mORF_+_2177504	2177504	2177518	+	2	15	TTG	TAG	0	0	
mORF_+_2177534	2177534	2177551	+	2	18	TTG	TGA	0	0	
mORF_+_2177558	2177558	2177566	+	2	9	TTG	TGA	0	0	
mORF_+_2177648	2177648	2177779	+	2	132	TTG	TAA	0	0	
mORF_+_2177813	2177813	2177863	+	2	51	ATG	TGA	0	0	
mORF_+_2177909	2177909	2177920	+	2	12	TTG	TGA	0	0	
mORF_+_2177985	2177985	2178083	+	3	99	GTG	TGA	0	0	
mORF_+_2178008	2178008	2178034	+	2	27	TTG	TGA	0	0	
mORF_+_2178080	2178080	2178100	+	2	21	ATG	TGA	0	0	
mORF_+_2178117	2178117	2179121	+	3	1005	ATG	TGA	3	7	pORF_+_2178117
mORF_+_2178139	2178139	2178162	+	1	24	GTG	TAG	0	0	
mORF_+_2178166	2178166	2178369	+	1	204	ATG	TGA	0	0	
mORF_+_2178191	2178191	2178211	+	2	21	TTG	TAA	0	0	
mORF_+_2178317	2178317	2178346	+	2	30	GTG	TGA	0	0	
mORF_+_2178370	2178370	2178429	+	1	60	TTG	TAG	0	0	
mORF_+_2178445	2178445	2178504	+	1	60	TTG	TGA	0	0	
mORF_+_2178539	2178539	2178559	+	2	21	TTG	TGA	0	0	
mORF_+_2178556	2178556	2178585	+	1	30	GTG	TAG	0	0	
mORF_+_2178625	2178625	2178639	+	1	15	TTG	TAG	0	0	
mORF_+_2178647	2178647	2178670	+	2	24	ATG	TGA	0	0	
mORF_+_2178661	2178661	2178786	+	1	126	GTG	TGA	0	0	
mORF_+_2178790	2178790	2179032	+	1	243	TTG	TAA	0	0	
mORF_+_2178878	2178878	2178898	+	2	21	GTG	TGA	0	0	
mORF_+_2178935	2178935	2178943	+	2	9	GTG	TAA	0	0	
mORF_+_2178989	2178989	2179012	+	2	24	TTG	TAA	0	0	
mORF_+_2179045	2179045	2179053	+	1	9	ATG	TAA	0	0	
mORF_+_2179060	2179060	2179152	+	1	93	TTG	TGA	0	0	
mORF_+_2179118	2179118	2180083	+	2	966	ATG	TAG	0	0	
mORF_+_2179197	2179197	2179205	+	3	9	TTG	TGA	0	0	
mORF_+_2179218	2179218	2179253	+	3	36	ATG	TGA	0	0	
mORF_+_2179237	2179237	2179269	+	1	33	GTG	TAA	0	0	
mORF_+_2179272	2179272	2179289	+	3	18	TTG	TGA	0	0	
mORF_+_2179293	2179293	2179307	+	3	15	TTG	TAA	0	0	
mORF_+_2179332	2179332	2179370	+	3	39	ATG	TGA	0	0	
mORF_+_2179357	2179357	2179416	+	1	60	GTG	TAA	0	0	
mORF_+_2179425	2179425	2179532	+	3	108	GTG	TAA	0	0	
mORF_+_2179438	2179438	2179455	+	1	18	GTG	TGA	0	0	
mORF_+_2179504	2179504	2179737	+	1	234	GTG	TGA	0	0	

mORF_+_2179536	2179536	2179601	+	3	66	TTG	TAG	0	0
mORF_+_2179647	2179647	2179712	+	3	66	TTG	TAG	0	0
mORF_+_2179740	2179740	2179775	+	3	36	TTG	TAA	0	0
mORF_+_2179782	2179782	2179820	+	3	39	TTG	TGA	0	0
mORF_+_2179792	2179792	2179836	+	1	45	ATG	TAA	0	0
mORF_+_2179846	2179846	2180034	+	1	189	ATG	TGA	0	0
mORF_+_2179899	2179899	2180183	+	3	285	TTG	TGA	0	0
mORF_+_2180035	2180035	2180103	+	1	69	TTG	TAA	0	0
mORF_+_2180096	2180096	2180179	+	2	84	GTG	TAA	0	0
mORF_+_2180186	2180186	2180191	+	2	6	ATG	TGA	0	0
mORF_+_2180188	2180188	2180223	+	1	36	GTG	TAA	0	0
mORF_+_2180240	2180240	2180281	+	2	42	TTG	TGA	0	0
mORF_+_2180242	2180242	2180376	+	1	135	GTG	TAA	0	0
mORF_+_2180250	2180250	2180270	+	3	21	ATG	TAG	0	0
mORF_+_2180289	2180289	2180306	+	3	18	ATG	TGA	0	0
mORF_+_2180303	2180303	2180311	+	2	9	ATG	TAA	0	0
mORF_+_2180312	2180312	2180461	+	2	150	ATG	TAG	0	0
mORF_+_2180448	2180448	2180498	+	3	51	TTG	TGA	0	0
mORF_+_2180535	2180535	2180558	+	3	24	ATG	TAA	0	0
mORF_+_2180607	2180607	2180642	+	3	36	TTG	TGA	0	0
mORF_+_2180670	2180670	2180732	+	3	63	TTG	TAA	0	0
mORF_+_2180675	2180675	2180755	+	2	81	ATG	TAA	0	0
mORF_+_2180739	2180739	2180858	+	3	120	GTG	TAA	0	0
mORF_+_2180771	2180771	2181088	+	2	318	TTG	TGA	0	0
mORF_+_2180830	2180830	2180871	+	1	42	GTG	TAA	0	0
mORF_+_2180884	2180884	2180913	+	1	30	ATG	TAA	0	0
mORF_+_2180904	2180904	2181014	+	3	111	GTG	TGA	0	0
mORF_+_2181045	2181045	2181053	+	3	9	TTG	TAG	0	0
mORF_+_2181063	2181063	2181071	+	3	9	TTG	TGA	0	0
mORF_+_2181150	2181150	2181254	+	3	105	TTG	TGA	0	0
mORF_+_2181163	2181163	2181378	+	1	216	TTG	TAA	0	0
mORF_+_2181215	2181215	2181220	+	2	6	TTG	TGA	0	0
mORF_+_2181233	2181233	2181244	+	2	12	TTG	TAA	0	0
mORF_+_2181284	2181284	2181322	+	2	39	ATG	TAG	0	0
mORF_+_2181323	2181323	2181394	+	2	72	TTG	TAA	0	0
mORF_+_2181405	2181405	2181473	+	3	69	TTG	TGA	0	0
mORF_+_2181418	2181418	2181501	+	1	84	TTG	TAG	0	0
mORF_+_2181470	2181470	2181616	+	2	147	GTG	TAG	0	0
mORF_+_2181474	2181474	2181482	+	3	9	ATG	TAA	0	0
mORF_+_2181492	2181492	2181524	+	3	33	ATG	TAA	0	0
mORF_+_2181537	2181537	2181542	+	3	6	ATG	TAG	0	0
mORF_+_2181598	2181598	2181642	+	1	45	TTG	TGA	0	0
mORF_+_2181606	2181606	2181809	+	3	204	ATG	TAA	0	0
mORF_+_2181673	2181673	2181708	+	1	36	TTG	TGA	0	0
mORF_+_2181689	2181689	2181931	+	2	243	ATG	TAA	0	0
mORF_+_2181793	2181793	2182005	+	1	213	GTG	TGA	0	0
mORF_+_2181861	2181861	2181875	+	3	15	ATG	TAG	0	0
mORF_+_2181912	2181912	2182019	+	3	108	GTG	TAG	0	0
mORF_+_2181938	2181938	2181946	+	2	9	GTG	TAA	0	0
mORF_+_2182056	2182056	2182136	+	3	81	TTG	TAA	0	0
mORF_+_2182078	2182078	2182248	+	1	171	GTG	TGA	0	0
mORF_+_2182088	2182088	2182171	+	2	84	GTG	TAG	0	0
mORF_+_2182184	2182184	2182219	+	2	36	GTG	TAA	0	0
mORF_+_2182239	2182239	2182433	+	3	195	TTG	TGA	0	0
mORF_+_2182312	2182312	2182443	+	1	132	GTG	TAA	0	0
mORF_+_2182418	2182418	2182426	+	2	9	GTG	TAA	0	0
mORF_+_2182451	2182451	2182468	+	2	18	GTG	TAA	0	0
mORF_+_2182537	2182537	2182776	+	1	240	ATG	TGA	0	0
mORF_+_2182559	2182559	2182687	+	2	129	TTG	TAA	0	0
mORF_+_2182740	2182740	2182766	+	3	27	TTG	TGA	0	0
mORF_+_2182763	2182763	2182924	+	2	162	GTG	TAA	0	0
mORF_+_2182773	2182773	2182799	+	3	27	ATG	TAA	0	0
mORF_+_2182812	2182812	2182985	+	3	174	GTG	TGA	0	0

mORF_+_2182825	2182825	2182872	+	1	48	TTG	TAG	0	0	
mORF_+_2182924	2182924	2182932	+	1	9	ATG	TGA	0	0	
mORF_+_2182982	2182982	2183281	+	2	300	ATG	TAA	0	0	
mORF_+_2183041	2183041	2183118	+	1	78	GTG	TAA	0	0	
mORF_+_2183106	2183106	2183150	+	3	45	GTG	TGA	0	0	
mORF_+_2183185	2183185	2183217	+	1	33	ATG	TAA	0	0	
mORF_+_2183208	2183208	2183270	+	3	63	TTG	TGA	0	0	
mORF_+_2183285	2183285	2183302	+	2	18	GTG	TGA	0	0	
mORF_+_2183318	2183318	2183341	+	2	24	TTG	TAA	0	0	
mORF_+_2183343	2183343	2183357	+	3	15	GTG	TGA	0	0	
mORF_+_2183354	2183354	2183560	+	2	207	ATG	TGA	0	0	
mORF_+_2183362	2183362	2183463	+	1	102	GTG	TGA	0	0	
mORF_+_2183451	2183451	2183486	+	3	36	TTG	TAA	0	0	
mORF_+_2183502	2183502	2183507	+	3	6	TTG	TAA	0	0	
mORF_+_2183550	2183550	2183621	+	3	72	TTG	TGA	0	0	
mORF_+_2183557	2183557	2183649	+	1	93	ATG	TAA	0	0	
mORF_+_2183618	2183618	2183704	+	2	87	GTG	TAA	0	0	
mORF_+_2183625	2183625	2183642	+	3	18	ATG	TGA	0	0	
mORF_+_2183720	2183720	2183845	+	2	126	GTG	TGA	0	0	
mORF_+_2183742	2183742	2183765	+	3	24	TTG	TGA	0	0	
mORF_+_2183806	2183806	2184087	+	1	282	TTG	TAA	0	0	
mORF_+_2183817	2183817	2183834	+	3	18	ATG	TAA	0	0	
mORF_+_2183910	2183910	2183921	+	3	12	TTG	TAA	0	0	
mORF_+_2183939	2183939	2184763	+	2	825	ATG	TAA	0	0	
mORF_+_2184006	2184006	2184050	+	3	45	TTG	TGA	0	0	
mORF_+_2184147	2184147	2184167	+	3	21	TTG	TGA	0	0	
mORF_+_2184202	2184202	2184237	+	1	36	GTG	TAG	0	0	
mORF_+_2184306	2184306	2184479	+	3	174	ATG	TAA	1	2	pORF_+_2184306
mORF_+_2184483	2184483	2184524	+	3	42	GTG	TGA	0	0	
mORF_+_2184526	2184526	2184666	+	1	141	ATG	TAA	0	0	
mORF_+_2184582	2184582	2184596	+	3	15	TTG	TAA	0	0	
mORF_+_2184600	2184600	2184611	+	3	12	TTG	TAG	0	0	
mORF_+_2184615	2184615	2184707	+	3	93	TTG	TGA	0	0	
mORF_+_2184708	2184708	2184716	+	3	9	TTG	TAG	0	0	
mORF_+_2184720	2184720	2184755	+	3	36	GTG	TAA	0	0	
mORF_+_2184779	2184779	2184805	+	2	27	TTG	TGA	0	0	
mORF_+_2184783	2184783	2184812	+	3	30	ATG	TAA	0	0	
mORF_+_2184802	2184802	2185320	+	1	519	ATG	TAA	2	3	pORF_+_2184802
mORF_+_2184848	2184848	2184985	+	2	138	ATG	TGA	0	0	
mORF_+_2184930	2184930	2184953	+	3	24	ATG	TGA	0	0	
mORF_+_2185010	2185010	2185099	+	2	90	GTG	TAA	0	0	
mORF_+_2185109	2185109	2185258	+	2	150	TTG	TGA	0	0	
mORF_+_2185185	2185185	2185199	+	3	15	GTG	TAA	0	0	
mORF_+_2185298	2185298	2185378	+	2	81	GTG	TAG	0	0	
mORF_+_2185348	2185348	2185425	+	1	78	ATG	TAA	0	0	
mORF_+_2185359	2185359	2185421	+	3	63	TTG	TGA	0	0	
mORF_+_2185418	2185418	2185471	+	2	54	TTG	TAG	0	0	
mORF_+_2185425	2185425	2185454	+	3	30	ATG	TAA	0	0	
mORF_+_2185461	2185461	2185517	+	3	57	TTG	TAA	0	0	
mORF_+_2185521	2185521	2185571	+	3	51	TTG	TAG	0	0	
mORF_+_2185571	2185571	2185714	+	2	144	GTG	TGA	0	0	
mORF_+_2185584	2185584	2185589	+	3	6	GTG	TGA	0	0	
mORF_+_2185650	2185650	2185751	+	3	102	TTG	TAA	0	0	
mORF_+_2185711	2185711	2185728	+	1	18	TTG	TAA	0	0	
mORF_+_2185759	2185759	2185800	+	1	42	TTG	TAA	0	0	
mORF_+_2185773	2185773	2185829	+	3	57	TTG	TAA	0	0	
mORF_+_2185781	2185781	2185897	+	2	117	TTG	TAG	0	0	
mORF_+_2185801	2185801	2185806	+	1	6	TTG	TGA	0	0	
mORF_+_2185854	2185854	2185889	+	3	36	TTG	TAA	0	0	
mORF_+_2185909	2185909	2185953	+	1	45	TTG	TGA	0	0	
mORF_+_2185911	2185911	2186042	+	3	132	GTG	TAA	0	0	
mORF_+_2185955	2185955	2186119	+	2	165	TTG	TAA	0	0	
mORF_+_2185981	2185981	2186010	+	1	30	TTG	TGA	0	0	

mORF_+_2186082	2186082	2186111	+	3	30	TTG	TAA	0	0
mORF_+_2186126	2186126	2186140	+	2	15	GTG	TGA	0	0
mORF_+_2186145	2186145	2186156	+	3	12	TTG	TGA	0	0
mORF_+_2186153	2186153	2186212	+	2	60	GTG	TAA	0	0
mORF_+_2186182	2186182	2186187	+	1	6	ATG	TAA	0	0
mORF_+_2186246	2186246	2186314	+	2	69	GTG	TGA	0	0
mORF_+_2186256	2186256	2186282	+	3	27	TTG	TAA	0	0
mORF_+_2186287	2186287	2186361	+	1	75	ATG	TAA	0	0
mORF_+_2186295	2186295	2186318	+	3	24	ATG	TAA	0	0
mORF_+_2186319	2186319	2186396	+	3	78	GTG	TAA	0	0
mORF_+_2186345	2186345	2186353	+	2	9	TTG	TGA	0	0
mORF_+_2186423	2186423	2186467	+	2	45	ATG	TAA	0	0
mORF_+_2186498	2186498	2186581	+	2	84	GTG	TGA	0	0
mORF_+_2186502	2186502	2186543	+	3	42	TTG	TAA	0	0
mORF_+_2186518	2186518	2186577	+	1	60	TTG	TAA	0	0
mORF_+_2186547	2186547	2186573	+	3	27	ATG	TAA	0	0
mORF_+_2186608	2186608	2186646	+	1	39	ATG	TAA	0	0
mORF_+_2186624	2186624	2186635	+	2	12	TTG	TAA	0	0
mORF_+_2186646	2186646	2186678	+	3	33	ATG	TAA	0	0
mORF_+_2186650	2186650	2186667	+	1	18	TTG	TAA	0	0
mORF_+_2186682	2186682	2186711	+	3	30	ATG	TAA	0	0
mORF_+_2186687	2186687	2186695	+	2	9	TTG	TGA	0	0
mORF_+_2186753	2186753	2186806	+	2	54	TTG	TGA	0	0
mORF_+_2186782	2186782	2186982	+	1	201	TTG	TGA	0	0
mORF_+_2186820	2186820	2186882	+	3	63	GTG	TGA	0	0
mORF_+_2186861	2186861	2186887	+	2	27	GTG	TAA	0	0
mORF_+_2186972	2186972	2187007	+	2	36	ATG	TAA	0	0
mORF_+_2187094	2187094	2187153	+	1	60	ATG	TGA	0	0
mORF_+_2187110	2187110	2187121	+	2	12	TTG	TAA	0	0
mORF_+_2187122	2187122	2187130	+	2	9	TTG	TGA	0	0
mORF_+_2187168	2187168	2187206	+	3	39	TTG	TAG	0	0
mORF_+_2187217	2187217	2187414	+	1	198	TTG	TAA	0	0
mORF_+_2187318	2187318	2187581	+	3	264	TTG	TAA	0	0
mORF_+_2187350	2187350	2187361	+	2	12	TTG	TAA	0	0
mORF_+_2187464	2187464	2187505	+	2	42	TTG	TAA	0	0
mORF_+_2187515	2187515	2187523	+	2	9	ATG	TAG	0	0
mORF_+_2187557	2187557	2187574	+	2	18	TTG	TGA	0	0
mORF_+_2187571	2187571	2187825	+	1	255	GTG	TAA	0	0
mORF_+_2187582	2187582	2187722	+	3	141	ATG	TAG	0	0
mORF_+_2187653	2187653	2187661	+	2	9	TTG	TAG	0	0
mORF_+_2187698	2187698	2187784	+	2	87	TTG	TAA	0	0
mORF_+_2187750	2187750	2187776	+	2	27	GTG	TAA	0	0
mORF_+_2187868	2187868	2187909	+	1	42	TTG	TAA	0	0
mORF_+_2187872	2187872	2187958	+	2	87	TTG	TAA	0	0
mORF_+_2187931	2187931	2188236	+	1	306	TTG	TGA	0	0
mORF_+_2187942	2187942	2188004	+	3	63	TTG	TGA	0	0
mORF_+_2187971	2187971	2188078	+	2	108	GTG	TGA	0	0
mORF_+_2188143	2188143	2188151	+	3	9	GTG	TAA	0	0
mORF_+_2188233	2188233	2188343	+	3	111	TTG	TGA	0	0
mORF_+_2188238	2188238	2188435	+	2	198	GTG	TAG	0	0
mORF_+_2188273	2188273	2188377	+	1	105	TTG	TAA	0	0
mORF_+_2188404	2188404	2188481	+	3	78	ATG	TAA	0	0
mORF_+_2188503	2188503	2188553	+	3	51	GTG	TGA	0	0
mORF_+_2188606	2188606	2188620	+	1	15	TTG	TAA	0	0
mORF_+_2188614	2188614	2188655	+	3	42	ATG	TAA	0	0
mORF_+_2188624	2188624	2188662	+	1	39	TTG	TAA	0	0
mORF_+_2188655	2188655	2188753	+	2	99	ATG	TAA	0	0
mORF_+_2188680	2188680	2188712	+	3	33	TTG	TAA	0	0
mORF_+_2188696	2188696	2188779	+	1	84	TTG	TAA	0	0
mORF_+_2188760	2188760	2188786	+	2	27	ATG	TGA	0	0
mORF_+_2188783	2188783	2188893	+	1	111	TTG	TAA	0	0
mORF_+_2188806	2188806	2188841	+	3	36	TTG	TAA	0	0
mORF_+_2188880	2188880	2188951	+	2	72	ATG	TAA	0	0

mORF_+_2188902	2188902	2188934	+	3	33	TTG	TAG	0	0
mORF_+_2188955	2188955	2188969	+	2	15	TTG	TAG	0	0
mORF_+_2188970	2188970	2189038	+	2	69	TTG	TGA	0	0
mORF_+_2188975	2188975	2189046	+	1	72	ATG	TAA	0	0
mORF_+_2189007	2189007	2189024	+	3	18	TTG	TGA	0	0
mORF_+_2189072	2189072	2189218	+	2	147	TTG	TAA	0	0
mORF_+_2189178	2189178	2189228	+	3	51	ATG	TAA	0	0
mORF_+_2189236	2189236	2189409	+	1	174	TTG	TAA	0	0
mORF_+_2189253	2189253	2189330	+	3	78	GTG	TAG	0	0
mORF_+_2189315	2189315	2189425	+	2	111	ATG	TGA	0	0
mORF_+_2189379	2189379	2189414	+	3	36	TTG	TGA	0	0
mORF_+_2189436	2189436	2189543	+	3	108	GTG	TAA	0	0
mORF_+_2189543	2189543	2189557	+	2	15	ATG	TAG	0	0
mORF_+_2189572	2189572	2189604	+	1	33	ATG	TAA	0	0
mORF_+_2189574	2189574	2189591	+	3	18	GTG	TAG	0	0
mORF_+_2189597	2189597	2189737	+	2	141	ATG	TAA	0	0
mORF_+_2189652	2189652	2189660	+	3	9	ATG	TAG	0	0
mORF_+_2189750	2189750	2189758	+	2	9	TTG	TGA	0	0
mORF_+_2189782	2189782	2189790	+	1	9	TTG	TAA	0	0
mORF_+_2189804	2189804	2189878	+	2	75	TTG	TAA	0	0
mORF_+_2189832	2189832	2189882	+	3	51	ATG	TAG	0	0
mORF_+_2189842	2189842	2189952	+	1	111	GTG	TAA	0	0
mORF_+_2189904	2189904	2190035	+	3	132	TTG	TAG	0	0
mORF_+_2190070	2190070	2190090	+	1	21	TTG	TAA	0	0
mORF_+_2190157	2190157	2190201	+	1	45	ATG	TAA	0	0
mORF_+_2190232	2190232	2190246	+	1	15	TTG	TAA	0	0
mORF_+_2190248	2190248	2190337	+	2	90	ATG	TAA	0	0
mORF_+_2190271	2190271	2190354	+	1	84	TTG	TGA	0	0
mORF_+_2190324	2190324	2190359	+	3	36	TTG	TAA	0	0
mORF_+_2190373	2190373	2190438	+	1	66	TTG	TAG	0	0
mORF_+_2190443	2190443	2190448	+	2	6	ATG	TAA	0	0
mORF_+_2190449	2190449	2190493	+	2	45	ATG	TAA	0	0
mORF_+_2190494	2190494	2190511	+	2	18	ATG	TAA	0	0
mORF_+_2190512	2190512	2190613	+	2	102	ATG	TGA	0	0
mORF_+_2190529	2190529	2190540	+	1	12	TTG	TAA	0	0
mORF_+_2190568	2190568	2190633	+	1	66	TTG	TGA	0	0
mORF_+_2190630	2190630	2190656	+	3	27	ATG	TAA	0	0
mORF_+_2190637	2190637	2190660	+	1	24	GTG	TGA	0	0
mORF_+_2190666	2190666	2190737	+	3	72	ATG	TAA	0	0
mORF_+_2190704	2190704	2190718	+	2	15	ATG	TGA	0	0
mORF_+_2190737	2190737	2190793	+	2	57	ATG	TAA	0	0
mORF_+_2190739	2190739	2190780	+	1	42	GTG	TAG	0	0
mORF_+_2190818	2190818	2190856	+	2	39	TTG	TAG	0	0
mORF_+_2190858	2190858	2190869	+	3	12	ATG	TAA	0	0
mORF_+_2190862	2190862	2190879	+	1	18	GTG	TAG	0	0
mORF_+_2190908	2190908	2190949	+	2	42	ATG	TAG	0	0
mORF_+_2190922	2190922	2190933	+	1	12	TTG	TGA	0	0
mORF_+_2190930	2190930	2190992	+	3	63	ATG	TAA	0	0
mORF_+_2190993	2190993	2191061	+	3	69	GTG	TAA	0	0
mORF_+_2191003	2191003	2191074	+	1	72	ATG	TAA	0	0
mORF_+_2191031	2191031	2191036	+	2	6	ATG	TAA	0	0
mORF_+_2191067	2191067	2191084	+	2	18	ATG	TAG	0	0
mORF_+_2191112	2191112	2191132	+	2	21	ATG	TAG	0	0
mORF_+_2191206	2191206	2191454	+	3	249	TTG	TGA	0	0
mORF_+_2191241	2191241	2191330	+	2	90	ATG	TGA	0	0
mORF_+_2191243	2191243	2191248	+	1	6	GTG	TAA	0	0
mORF_+_2191273	2191273	2191581	+	1	309	ATG	TAA	0	0
mORF_+_2191358	2191358	2191501	+	2	144	ATG	TGA	0	0
mORF_+_2191502	2191502	2191540	+	2	39	ATG	TAG	0	0
mORF_+_2191586	2191586	2191639	+	2	54	TTG	TAA	0	0
mORF_+_2191644	2191644	2191673	+	3	30	TTG	TAA	0	0
mORF_+_2191649	2191649	2191666	+	2	18	TTG	TGA	0	0
mORF_+_2191663	2191663	2191743	+	1	81	ATG	TGA	0	0

mORF_+_2191677	2191677	2191865	+	3	189	GTG	TAA	0	0	
mORF_+_2191769	2191769	2191894	+	2	126	ATG	TGA	0	0	
mORF_+_2191913	2191913	2192119	+	2	207	GTG	TGA	0	0	
mORF_+_2191924	2191924	2191995	+	1	72	ATG	TAA	0	0	
mORF_+_2192011	2192011	2192166	+	1	156	ATG	TGA	0	0	
mORF_+_2192109	2192109	2192264	+	3	156	TTG	TAA	0	0	
mORF_+_2192123	2192123	2192215	+	2	93	TTG	TAA	0	0	
mORF_+_2192179	2192179	2192211	+	1	33	TTG	TAG	0	0	
mORF_+_2192276	2192276	2192374	+	2	99	TTG	TAA	0	0	
mORF_+_2192313	2192313	2194355	+	3	2043	ATG	TAA	112	685	pORF_+_2192313
mORF_+_2192419	2192419	2192505	+	1	87	ATG	TGA	0	0	
mORF_+_2192518	2192518	2192541	+	1	24	TTG	TGA	0	0	
mORF_+_2192542	2192542	2192553	+	1	12	TTG	TGA	0	0	
mORF_+_2192596	2192596	2192664	+	1	69	ATG	TGA	0	0	
mORF_+_2192743	2192743	2192748	+	1	6	TTG	TGA	0	0	
mORF_+_2192765	2192765	2192770	+	2	6	ATG	TAA	0	0	
mORF_+_2192878	2192878	2193150	+	1	273	GTG	TAA	0	0	
mORF_+_2192933	2192933	2192974	+	2	42	ATG	TAA	0	0	
mORF_+_2192984	2192984	2192992	+	2	9	GTG	TGA	0	0	
mORF_+_2193008	2193008	2193046	+	2	39	GTG	TGA	0	0	
mORF_+_2193125	2193125	2193160	+	2	36	GTG	TGA	0	0	
mORF_+_2193157	2193157	2193303	+	1	147	ATG	TGA	0	0	
mORF_+_2193373	2193373	2193468	+	1	96	TTG	TGA	0	0	
mORF_+_2193469	2193469	2193606	+	1	138	ATG	TGA	0	0	
mORF_+_2193607	2193607	2193786	+	1	180	TTG	TGA	0	0	
mORF_+_2193617	2193617	2193631	+	2	15	GTG	TGA	0	0	
mORF_+_2193704	2193704	2193919	+	2	216	GTG	TAA	0	0	
mORF_+_2193826	2193826	2193855	+	1	30	GTG	TGA	0	0	
mORF_+_2193862	2193862	2193897	+	1	36	ATG	TGA	0	0	
mORF_+_2193940	2193940	2193975	+	1	36	TTG	TAA	0	0	
mORF_+_2194012	2194012	2194077	+	1	66	ATG	TGA	0	0	
mORF_+_2194078	2194078	2194125	+	1	48	TTG	TGA	0	0	
mORF_+_2194141	2194141	2194200	+	1	60	GTG	TGA	0	0	
mORF_+_2194201	2194201	2194275	+	1	75	TTG	TGA	0	0	
mORF_+_2194321	2194321	2194350	+	1	30	ATG	TGA	0	0	
mORF_+_2194409	2194409	2194438	+	2	30	TTG	TAA	0	0	
mORF_+_2194417	2194417	2194533	+	1	117	TTG	TAA	0	0	
mORF_+_2194425	2194425	2194457	+	3	33	TTG	TAG	0	0	
mORF_+_2194496	2194496	2195320	+	2	825	ATG	TGA	0	0	
mORF_+_2194545	2194545	2194613	+	3	69	TTG	TAA	0	0	
mORF_+_2194576	2194576	2194656	+	1	81	TTG	TAA	0	0	
mORF_+_2194626	2194626	2194661	+	3	36	ATG	TGA	0	0	
mORF_+_2194662	2194662	2194676	+	3	15	TTG	TGA	0	0	
mORF_+_2194686	2194686	2194733	+	3	48	ATG	TAA	0	0	
mORF_+_2194803	2194803	2194895	+	3	93	GTG	TAA	0	0	
mORF_+_2194837	2194837	2194968	+	1	132	GTG	TAG	0	0	
mORF_+_2194968	2194968	2195024	+	3	57	GTG	TAG	0	0	
mORF_+_2195026	2195026	2195121	+	1	96	ATG	TGA	0	0	
mORF_+_2195118	2195118	2195126	+	3	9	TTG	TGA	0	0	
mORF_+_2195128	2195128	2195142	+	1	15	ATG	TAA	0	0	
mORF_+_2195148	2195148	2195207	+	3	60	GTG	TAA	0	0	
mORF_+_2195226	2195226	2195345	+	3	120	TTG	TGA	0	0	
mORF_+_2195236	2195236	2195253	+	1	18	ATG	TAA	0	0	
mORF_+_2195317	2195317	2195331	+	1	15	ATG	TAA	0	0	
mORF_+_2195368	2195368	2195466	+	1	99	ATG	TGA	0	0	
mORF_+_2195370	2195370	2195426	+	3	57	GTG	TAA	0	0	
mORF_+_2195427	2195427	2195519	+	3	93	TTG	TAA	0	0	
mORF_+_2195432	2195432	2197369	+	2	1938	TTG	TGA	0	0	
mORF_+_2195512	2195512	2195535	+	1	24	GTG	TGA	0	0	
mORF_+_2195535	2195535	2195558	+	3	24	ATG	TAG	0	0	
mORF_+_2195577	2195577	2195729	+	3	153	ATG	TGA	0	0	
mORF_+_2195599	2195599	2195682	+	1	84	TTG	TGA	0	0	
mORF_+_2195742	2195742	2195747	+	3	6	GTG	TAG	0	0	

mORF_+_2195790	2195790	2195825	+	3	36	TTG	TGA	0	0	
mORF_+_2195835	2195835	2195873	+	3	39	TTG	TAA	0	0	
mORF_+_2195857	2195857	2196093	+	1	237	TTG	TGA	0	0	
mORF_+_2195940	2195940	2195951	+	3	12	TTG	TGA	0	0	
mORF_+_2195988	2195988	2196017	+	3	30	ATG	TAG	0	0	
mORF_+_2196090	2196090	2196110	+	3	21	TTG	TGA	0	0	
mORF_+_2196177	2196177	2196263	+	3	87	ATG	TAG	0	0	
mORF_+_2196264	2196264	2196278	+	3	15	TTG	TAA	0	0	
mORF_+_2196271	2196271	2196282	+	1	12	ATG	TGA	0	0	
mORF_+_2196279	2196279	2196302	+	3	24	ATG	TAA	0	0	
mORF_+_2196303	2196303	2196359	+	3	57	GTG	TGA	0	0	
mORF_+_2196340	2196340	2196537	+	1	198	TTG	TGA	0	0	
mORF_+_2196396	2196396	2196473	+	3	78	ATG	TAG	0	0	
mORF_+_2196483	2196483	2196575	+	3	93	TTG	TGA	0	0	
mORF_+_2196624	2196624	2196770	+	3	147	ATG	TAA	0	0	
mORF_+_2196774	2196774	2196782	+	3	9	ATG	TGA	0	0	
mORF_+_2196792	2196792	2196809	+	3	18	TTG	TAG	0	0	
mORF_+_2196888	2196888	2196983	+	3	96	ATG	TGA	0	0	
mORF_+_2197017	2197017	2197091	+	3	75	TTG	TAG	0	0	
mORF_+_2197072	2197072	2197104	+	1	33	TTG	TAA	0	0	
mORF_+_2197107	2197107	2197127	+	3	21	ATG	TGA	0	0	
mORF_+_2197152	2197152	2197253	+	3	102	GTG	TGA	0	0	
mORF_+_2197290	2197290	2198291	+	3	1002	TTG	TAA	0	0	
mORF_+_2197366	2197366	2197434	+	1	69	ATG	TAA	0	0	
mORF_+_2197441	2197441	2197470	+	1	30	TTG	TGA	0	0	
mORF_+_2197498	2197498	2197545	+	1	48	ATG	TGA	0	0	
mORF_+_2197552	2197552	2197581	+	1	30	ATG	TAG	0	0	
mORF_+_2197601	2197601	2197651	+	2	51	GTG	TGA	0	0	
mORF_+_2197648	2197648	2197674	+	1	27	TTG	TAA	0	0	
mORF_+_2197688	2197688	2197702	+	2	15	TTG	TAG	0	0	
mORF_+_2197724	2197724	2197747	+	2	24	TTG	TAA	0	0	
mORF_+_2197768	2197768	2197923	+	1	156	ATG	TGA	0	0	
mORF_+_2197939	2197939	2197953	+	1	15	ATG	TGA	0	0	
mORF_+_2197973	2197973	2198008	+	2	36	ATG	TAA	0	0	
mORF_+_2197981	2197981	2198019	+	1	39	GTG	TAA	0	0	
mORF_+_2198035	2198035	2198058	+	1	24	ATG	TGA	0	0	
mORF_+_2198051	2198051	2198101	+	2	51	ATG	TGA	0	0	
mORF_+_2198098	2198098	2198115	+	1	18	ATG	TAG	0	0	
mORF_+_2198162	2198162	2198206	+	2	45	GTG	TAA	0	0	
mORF_+_2198191	2198191	2198235	+	1	45	ATG	TAA	0	0	
mORF_+_2198239	2198239	2198262	+	1	24	ATG	TAA	0	0	
mORF_+_2198272	2198272	2198349	+	1	78	TTG	TGA	0	0	
mORF_+_2198301	2198301	2201933	+	3	3633	ATG	TAA	1	4	pORF_+_2198301
mORF_+_2198318	2198318	2198332	+	2	15	GTG	TAA	0	0	
mORF_+_2198440	2198440	2198544	+	1	105	GTG	TGA	0	0	
mORF_+_2198510	2198510	2198611	+	2	102	GTG	TGA	0	0	
mORF_+_2198608	2198608	2198676	+	1	69	ATG	TGA	0	0	
mORF_+_2198677	2198677	2198724	+	1	48	TTG	TAG	0	0	
mORF_+_2198699	2198699	2198707	+	2	9	GTG	TGA	0	0	
mORF_+_2198752	2198752	2198880	+	1	129	ATG	TAA	0	0	
mORF_+_2198843	2198843	2198941	+	2	99	TTG	TGA	0	0	
mORF_+_2198902	2198902	2198910	+	1	9	TTG	TGA	0	0	
mORF_+_2198938	2198938	2198949	+	1	12	ATG	TAG	0	0	
mORF_+_2198953	2198953	2198994	+	1	42	TTG	TAA	0	0	
mORF_+_2198957	2198957	2198983	+	2	27	ATG	TAA	0	0	
mORF_+_2198987	2198987	2199007	+	2	21	GTG	TAA	0	0	
mORF_+_2198998	2198998	2199024	+	1	27	TTG	TGA	0	0	
mORF_+_2199088	2199088	2199279	+	1	192	ATG	TAG	0	0	
mORF_+_2199185	2199185	2199211	+	2	27	TTG	TAA	0	0	
mORF_+_2199304	2199304	2199342	+	1	39	ATG	TAA	0	0	
mORF_+_2199415	2199415	2199447	+	1	33	ATG	TGA	0	0	
mORF_+_2199485	2199485	2199553	+	2	69	GTG	TGA	0	0	
mORF_+_2199550	2199550	2199621	+	1	72	TTG	TGA	0	0	

mORF_+_2199599	2199599	2199607	+	2	9	GTG	TAG	0	0	
mORF_+_2199634	2199634	2199657	+	1	24	TTG	TAA	0	0	
mORF_+_2199697	2199697	2199819	+	1	123	TTG	TGA	0	0	
mORF_+_2199806	2199806	2199898	+	2	93	ATG	TGA	0	0	
mORF_+_2199844	2199844	2199909	+	1	66	ATG	TGA	0	0	
mORF_+_2199910	2199910	2199939	+	1	30	ATG	TAG	0	0	
mORF_+_2199986	2199986	2199997	+	2	12	ATG	TGA	0	0	
mORF_+_2199994	2199994	2200077	+	1	84	ATG	TGA	0	0	
mORF_+_2200096	2200096	2200212	+	1	117	ATG	TAA	0	0	
mORF_+_2200222	2200222	2200680	+	1	459	TTG	TGA	0	0	
mORF_+_2200298	2200298	2200330	+	2	33	GTG	TAG	0	0	
mORF_+_2200466	2200466	2200492	+	2	27	ATG	TAA	0	0	
mORF_+_2200559	2200559	2200585	+	2	27	GTG	TAA	0	0	
mORF_+_2200714	2200714	2200788	+	1	75	TTG	TAA	0	0	
mORF_+_2200736	2200736	2200801	+	2	66	GTG	TGA	0	0	
mORF_+_2200795	2200795	2200824	+	1	30	TTG	TGA	0	0	
mORF_+_2200867	2200867	2200884	+	1	18	GTG	TGA	0	0	
mORF_+_2200906	2200906	2200920	+	1	15	ATG	TGA	0	0	
mORF_+_2200966	2200966	2201016	+	1	51	GTG	TAA	0	0	
mORF_+_2201059	2201059	2201079	+	1	21	TTG	TGA	0	0	
mORF_+_2201083	2201083	2201205	+	1	123	TTG	TGA	0	0	
mORF_+_2201248	2201248	2201262	+	1	15	ATG	TGA	0	0	
mORF_+_2201284	2201284	2201382	+	1	99	TTG	TAA	0	0	
mORF_+_2201384	2201384	2201407	+	2	24	ATG	TGA	0	0	
mORF_+_2201404	2201404	2201502	+	1	99	ATG	TGA	0	0	
mORF_+_2201414	2201414	2201473	+	2	60	TTG	TGA	0	0	
mORF_+_2201503	2201503	2201523	+	1	21	TTG	TAG	0	0	
mORF_+_2201545	2201545	2201652	+	1	108	GTG	TGA	0	0	
mORF_+_2201680	2201680	2201820	+	1	141	TTG	TAA	0	0	
mORF_+_2201848	2201848	2201895	+	1	48	GTG	TGA	0	0	
mORF_+_2201896	2201896	2201907	+	1	12	GTG	TAA	0	0	
mORF_+_2201947	2201947	2201997	+	1	51	GTG	TGA	0	0	
mORF_+_2201994	2201994	2202311	+	3	318	ATG	TAA	0	0	
mORF_+_2202016	2202016	2202180	+	1	165	TTG	TAA	0	0	
mORF_+_2202083	2202083	2202091	+	2	9	ATG	TGA	0	0	
mORF_+_2202184	2202184	2202195	+	1	12	ATG	TGA	0	0	
mORF_+_2202208	2202208	2202258	+	1	51	ATG	TAA	0	0	
mORF_+_2202212	2202212	2202220	+	2	9	GTG	TGA	0	0	
mORF_+_2202274	2202274	2202306	+	1	33	GTG	TAG	0	0	
mORF_+_2202332	2202332	2202373	+	2	42	TTG	TAA	0	0	
mORF_+_2202358	2202358	2202477	+	1	120	ATG	TAA	0	0	
mORF_+_2202389	2202389	2202517	+	2	129	TTG	TGA	0	0	
mORF_+_2202435	2202435	2202458	+	3	24	ATG	TAG	0	0	
mORF_+_2202514	2202514	2202552	+	1	39	GTG	TAA	0	0	
mORF_+_2202552	2202552	2203706	+	3	1155	ATG	TGA	0	0	
mORF_+_2202568	2202568	2202597	+	1	30	TTG	TAA	0	0	
mORF_+_2202610	2202610	2202690	+	1	81	ATG	TAA	0	0	
mORF_+_2202697	2202697	2202732	+	1	36	ATG	TAA	0	0	
mORF_+_2202710	2202710	2202790	+	2	81	TTG	TAA	0	0	
mORF_+_2202748	2202748	2202798	+	1	51	GTG	TGA	0	0	
mORF_+_2202835	2202835	2202855	+	1	21	TTG	TGA	0	0	
mORF_+_2202925	2202925	2202936	+	1	12	ATG	TAA	0	0	
mORF_+_2202979	2202979	2203092	+	1	114	ATG	TAA	0	0	
mORF_+_2203171	2203171	2203254	+	1	84	GTG	TGA	0	0	
mORF_+_2203255	2203255	2203266	+	1	12	GTG	TAA	0	0	
mORF_+_2203282	2203282	2203467	+	1	186	TTG	TGA	0	0	
mORF_+_2203507	2203507	2203536	+	1	30	ATG	TAG	0	0	
mORF_+_2203571	2203571	2203600	+	2	30	ATG	TAA	0	0	
mORF_+_2203576	2203576	2205996	+	1	2421	TTG	TGA	2	3	pORF_+_2203576
mORF_+_2203703	2203703	2203720	+	2	18	GTG	TGA	0	0	
mORF_+_2203713	2203713	2203754	+	3	42	ATG	TAG	0	0	
mORF_+_2203733	2203733	2203777	+	2	45	TTG	TGA	0	0	
mORF_+_2203817	2203817	2203849	+	2	33	TTG	TAG	0	0	

mORF_+_2203896	2203896	2203952	+	3	57	TTG	TGA	0	0	
mORF_+_2203913	2203913	2204302	+	2	390	GTG	TAG	0	0	
mORF_+_2203965	2203965	2204042	+	3	78	GTG	TGA	0	0	
mORF_+_2204127	2204127	2204150	+	3	24	GTG	TGA	0	0	
mORF_+_2204268	2204268	2204288	+	3	21	ATG	TAA	0	0	
mORF_+_2204303	2204303	2204539	+	2	237	TTG	TAA	1	2	pORF_+_2204303
mORF_+_2204343	2204343	2204369	+	3	27	GTG	TAA	0	0	
mORF_+_2204409	2204409	2204432	+	3	24	TTG	TGA	0	0	
mORF_+_2204484	2204484	2204528	+	3	45	ATG	TGA	0	0	
mORF_+_2204612	2204612	2204680	+	2	69	ATG	TAG	0	0	
mORF_+_2204721	2204721	2204795	+	3	75	GTG	TGA	0	0	
mORF_+_2204792	2204792	2204902	+	2	111	GTG	TAA	0	0	
mORF_+_2204918	2204918	2205001	+	2	84	ATG	TGA	0	0	
mORF_+_2205005	2205005	2205037	+	2	33	TTG	TAA	0	0	
mORF_+_2205056	2205056	2205067	+	2	12	ATG	TGA	0	0	
mORF_+_2205068	2205068	2205121	+	2	54	TTG	TAG	0	0	
mORF_+_2205165	2205165	2205173	+	3	9	ATG	TAG	0	0	
mORF_+_2205257	2205257	2205517	+	2	261	TTG	TAG	0	0	
mORF_+_2205297	2205297	2205311	+	3	15	ATG	TGA	0	0	
mORF_+_2205354	2205354	2205389	+	3	36	ATG	TGA	0	0	
mORF_+_2205450	2205450	2205476	+	3	27	TTG	TAG	0	0	
mORF_+_2205548	2205548	2205589	+	2	42	ATG	TAA	0	0	
mORF_+_2205614	2205614	2205631	+	2	18	GTG	TGA	0	0	
mORF_+_2205665	2205665	2205751	+	2	87	GTG	TAA	0	0	
mORF_+_2205761	2205761	2207125	+	2	1365	GTG	TGA	0	0	
mORF_+_2205909	2205909	2206001	+	3	93	TTG	TGA	0	0	
mORF_+_2206020	2206020	2206043	+	3	24	GTG	TAA	0	0	
mORF_+_2206047	2206047	2206103	+	3	57	TTG	TAG	0	0	
mORF_+_2206072	2206072	2206086	+	1	15	TTG	TGA	0	0	
mORF_+_2206117	2206117	2206140	+	1	24	GTG	TGA	0	0	
mORF_+_2206125	2206125	2206175	+	3	51	ATG	TAG	0	0	
mORF_+_2206176	2206176	2206241	+	3	66	GTG	TGA	0	0	
mORF_+_2206201	2206201	2206245	+	1	45	GTG	TGA	0	0	
mORF_+_2206242	2206242	2206295	+	3	54	TTG	TGA	0	0	
mORF_+_2206408	2206408	2206422	+	1	15	GTG	TGA	0	0	
mORF_+_2206416	2206416	2206682	+	3	267	TTG	TGA	0	0	
mORF_+_2206630	2206630	2206653	+	1	24	ATG	TGA	0	0	
mORF_+_2206711	2206711	2206752	+	1	42	GTG	TGA	0	0	
mORF_+_2206749	2206749	2206796	+	3	48	TTG	TAG	0	0	
mORF_+_2206842	2206842	2206904	+	3	63	GTG	TGA	0	0	
mORF_+_2206957	2206957	2207004	+	1	48	GTG	TAG	0	0	
mORF_+_2206959	2206959	2207069	+	3	111	GTG	TAG	0	0	
mORF_+_2207017	2207017	2207025	+	1	9	TTG	TGA	0	0	
mORF_+_2207098	2207098	2208966	+	1	1869	ATG	TAG	2	5	pORF_+_2207098
mORF_+_2207103	2207103	2207198	+	3	96	TTG	TAA	0	0	
mORF_+_2207183	2207183	2207263	+	2	81	ATG	TAA	0	0	
mORF_+_2207276	2207276	2207317	+	2	42	GTG	TGA	0	0	
mORF_+_2207328	2207328	2207510	+	3	183	GTG	TAA	0	0	
mORF_+_2207396	2207396	2207572	+	2	177	GTG	TGA	0	0	
mORF_+_2207576	2207576	2207713	+	2	138	ATG	TAA	0	0	
mORF_+_2207616	2207616	2207621	+	3	6	TTG	TGA	0	0	
mORF_+_2207622	2207622	2207630	+	3	9	TTG	TGA	0	0	
mORF_+_2207640	2207640	2207705	+	3	66	TTG	TAA	0	0	
mORF_+_2207759	2207759	2207806	+	2	48	TTG	TAA	0	0	
mORF_+_2207781	2207781	2207915	+	3	135	GTG	TGA	0	0	
mORF_+_2207822	2207822	2207911	+	2	90	TTG	TGA	0	0	
mORF_+_2207912	2207912	2208010	+	2	99	GTG	TAA	0	0	
mORF_+_2207985	2207985	2208062	+	3	78	ATG	TGA	0	0	
mORF_+_2208056	2208056	2208148	+	2	93	TTG	TAG	0	0	
mORF_+_2208078	2208078	2208125	+	3	48	GTG	TGA	0	0	
mORF_+_2208156	2208156	2208173	+	3	18	TTG	TGA	0	0	
mORF_+_2208170	2208170	2208373	+	2	204	TTG	TAG	0	0	
mORF_+_2208240	2208240	2208254	+	3	15	TTG	TGA	0	0	

mORF+_2208398	2208398	2208433	+	2	36	TTG	TGA	0	0
mORF+_2208458	2208458	2208634	+	2	177	TTG	TGA	0	0
mORF+_2208552	2208552	2208608	+	3	57	GTG	TAG	0	0
mORF+_2208668	2208668	2208760	+	2	93	ATG	TGA	0	0
mORF+_2208717	2208717	2208749	+	3	33	GTG	TGA	0	0
mORF+_2208794	2208794	2208886	+	2	93	GTG	TGA	0	0
mORF+_2208947	2208947	2209057	+	2	111	GTG	TAG	0	0
mORF+_2208967	2208967	2209122	+	1	156	TTG	TGA	0	0
mORF+_2209073	2209073	2209207	+	2	135	GTG	TGA	0	0
mORF+_2209083	2209083	2209127	+	3	45	TTG	TAG	0	0
mORF+_2209204	2209204	2209233	+	1	30	GTG	TAA	0	0
mORF+_2209235	2209235	2209708	+	2	474	ATG	TAA	0	0
mORF+_2209278	2209278	2209355	+	3	78	TTG	TGA	0	0
mORF+_2209368	2209368	2209490	+	3	123	TTG	TAA	0	0
mORF+_2209515	2209515	2209532	+	3	18	GTG	TAA	0	0
mORF+_2209635	2209635	2209676	+	3	42	ATG	TGA	0	0
mORF+_2209713	2209713	2209730	+	3	18	TTG	TAA	0	0
mORF+_2209733	2209733	2209801	+	2	69	ATG	TAA	0	0
mORF+_2209805	2209805	2209942	+	2	138	TTG	TAA	0	0
mORF+_2209840	2209840	2209860	+	1	21	GTG	TAA	0	0
mORF+_2209893	2209893	2210024	+	3	132	GTG	TAA	0	0
mORF+_2209987	2209987	2210037	+	1	51	GTG	TGA	0	0
mORF+_2210034	2210034	2210072	+	3	39	TTG	TGA	0	0
mORF+_2210041	2210041	2210220	+	1	180	ATG	TGA	0	0
mORF+_2210121	2210121	2210186	+	3	66	GTG	TAG	0	0
mORF+_2210217	2210217	2210288	+	3	72	ATG	TAA	0	0
mORF+_2210230	2210230	2210301	+	1	72	GTG	TAA	0	0
mORF+_2210382	2210382	2210423	+	3	42	ATG	TAG	0	0
mORF+_2210423	2210423	2210464	+	2	42	GTG	TAA	0	0
mORF+_2210481	2210481	2210606	+	3	126	GTG	TAA	0	0
mORF+_2210522	2210522	2210578	+	2	57	ATG	TAA	0	0
mORF+_2210623	2210623	2210637	+	1	15	TTG	TGA	0	0
mORF+_2210678	2210678	2210722	+	2	45	TTG	TAA	0	0
mORF+_2210703	2210703	2210885	+	3	183	ATG	TGA	0	0
mORF+_2210723	2210723	2210746	+	2	24	TTG	TGA	0	0
mORF+_2210743	2210743	2211195	+	1	453	GTG	TGA	0	0
mORF+_2210882	2210882	2210980	+	2	99	TTG	TAA	0	0
mORF+_2211021	2211021	2211026	+	3	6	GTG	TAA	0	0
mORF+_2211120	2211120	2211134	+	3	15	TTG	TGA	0	0
mORF+_2211131	2211131	2211226	+	2	96	TTG	TGA	0	0
mORF+_2211147	2211147	2211362	+	3	216	TTG	TAA	0	0
mORF+_2211196	2211196	2211240	+	1	45	TTG	TAA	0	0
mORF+_2211233	2211233	2211295	+	2	63	ATG	TAA	0	0
mORF+_2211299	2211299	2211418	+	2	120	TTG	TAA	0	0
mORF+_2211423	2211423	2211542	+	3	120	TTG	TGA	0	0
mORF+_2211521	2211521	2211559	+	2	39	ATG	TGA	0	0
mORF+_2211549	2211549	2211710	+	3	162	TTG	TGA	0	0
mORF+_2211578	2211578	2211655	+	2	78	TTG	TGA	0	0
mORF+_2211652	2211652	2211660	+	1	9	TTG	TGA	0	0
mORF+_2211750	2211750	2211779	+	3	30	TTG	TAA	0	0
mORF+_2211755	2211755	2211832	+	2	78	TTG	TAA	0	0
mORF+_2211789	2211789	2211803	+	3	15	TTG	TAG	0	0
mORF+_2211841	2211841	2211891	+	1	51	TTG	TAA	0	0
mORF+_2211855	2211855	2211947	+	3	93	TTG	TGA	0	0
mORF+_2211866	2211866	2212312	+	2	447	ATG	TAA	0	0
mORF+_2211969	2211969	2212175	+	3	207	ATG	TAA	0	0
mORF+_2212132	2212132	2212197	+	1	66	TTG	TGA	0	0
mORF+_2212194	2212194	2212529	+	3	336	ATG	TAG	0	0
mORF+_2212373	2212373	2212378	+	2	6	ATG	TAA	0	0
mORF+_2212478	2212478	2212570	+	2	93	GTG	TAA	0	0
mORF+_2212557	2212557	2212634	+	3	78	GTG	TGA	0	0
mORF+_2212582	2212582	2212611	+	1	30	ATG	TGA	0	0
mORF+_2212707	2212707	2212730	+	3	24	TTG	TGA	0	0

mORF_+_2212727	2212727	2212804	+	2	78	TTG	TAG	0	0	
mORF_+_2212735	2212735	2212758	+	1	24	TTG	TGA	0	0	
mORF_+_2212755	2212755	2212883	+	3	129	GTG	TGA	0	0	
mORF_+_2212805	2212805	2212852	+	2	48	ATG	TAA	0	0	
mORF_+_2212880	2212880	2212978	+	2	99	GTG	TGA	0	0	
mORF_+_2212888	2212888	2213619	+	1	732	ATG	TAA	0	0	
mORF_+_2212923	2212923	2212928	+	3	6	TTG	TGA	0	0	
mORF_+_2212953	2212953	2213030	+	3	78	GTG	TGA	0	0	
mORF_+_2213018	2213018	2213155	+	2	138	ATG	TGA	0	0	
mORF_+_2213193	2213193	2213363	+	3	171	GTG	TAA	0	0	
mORF_+_2213378	2213378	2213668	+	2	291	ATG	TAA	0	0	
mORF_+_2213421	2213421	2213465	+	3	45	GTG	TGA	0	0	
mORF_+_2213529	2213529	2213540	+	3	12	GTG	TGA	0	0	
mORF_+_2213577	2213577	2213597	+	3	21	TTG	TGA	0	0	
mORF_+_2213619	2213619	2213630	+	3	12	ATG	TAA	0	0	
mORF_+_2213634	2213634	2213663	+	3	30	ATG	TAA	0	0	
mORF_+_2213672	2213672	2213692	+	2	21	GTG	TAA	0	0	
mORF_+_2213679	2213679	2213786	+	3	108	ATG	TAA	0	0	
mORF_+_2213695	2213695	2213730	+	1	36	TTG	TAG	0	0	
mORF_+_2213737	2213737	2213847	+	1	111	TTG	TAA	0	0	
mORF_+_2213822	2213822	2214031	+	2	210	ATG	TGA	0	0	
mORF_+_2213835	2213835	2213876	+	3	42	GTG	TAA	0	0	
mORF_+_2213928	2213928	2213957	+	3	30	TTG	TGA	0	0	
mORF_+_2214099	2214099	2214146	+	3	48	GTG	TAA	0	0	
mORF_+_2214154	2214154	2214858	+	1	705	TTG	TGA	1	4	pORF_+_2214154
mORF_+_2214243	2214243	2214275	+	3	33	GTG	TGA	0	0	
mORF_+_2214272	2214272	2214343	+	2	72	GTG	TGA	0	0	
mORF_+_2214348	2214348	2214467	+	3	120	GTG	TGA	0	0	
mORF_+_2214464	2214464	2214619	+	2	156	ATG	TAG	0	0	
mORF_+_2214537	2214537	2214674	+	3	138	GTG	TAA	0	0	
mORF_+_2214777	2214777	2214803	+	3	27	TTG	TGA	0	0	
mORF_+_2214800	2214800	2214835	+	2	36	GTG	TAG	0	0	
mORF_+_2214851	2214851	2214961	+	2	111	ATG	TAG	0	0	
mORF_+_2214855	2214855	2214890	+	3	36	GTG	TGA	0	0	
mORF_+_2214891	2214891	2215016	+	3	126	ATG	TGA	0	0	
mORF_+_2214937	2214937	2215140	+	1	204	GTG	TAG	0	0	
mORF_+_2214968	2214968	2215057	+	2	90	TTG	TGA	0	0	
mORF_+_2215121	2215121	2215126	+	2	6	TTG	TAA	0	0	
mORF_+_2215127	2215127	2215456	+	2	330	TTG	TAA	0	0	
mORF_+_2215143	2215143	2215187	+	3	45	ATG	TGA	0	0	
mORF_+_2215188	2215188	2215196	+	3	9	ATG	TAG	0	0	
mORF_+_2215302	2215302	2215358	+	3	57	GTG	TGA	0	0	
mORF_+_2215324	2215324	2215365	+	1	42	ATG	TGA	0	0	
mORF_+_2215362	2215362	2215523	+	3	162	TTG	TAA	0	0	
mORF_+_2215390	2215390	2215410	+	1	21	GTG	TGA	0	0	
mORF_+_2215528	2215528	2215671	+	1	144	ATG	TGA	0	0	
mORF_+_2215614	2215614	2215655	+	3	42	TTG	TAA	0	0	
mORF_+_2215674	2215674	2216006	+	3	333	ATG	TAA	0	0	
mORF_+_2215805	2215805	2215864	+	2	60	GTG	TAA	0	0	
mORF_+_2215831	2215831	2215923	+	1	93	ATG	TGA	0	0	
mORF_+_2215930	2215930	2215974	+	1	45	TTG	TAG	0	0	
mORF_+_2215946	2215946	2216110	+	2	165	TTG	TAA	0	0	
mORF_+_2215981	2215981	2216073	+	1	93	ATG	TGA	0	0	
mORF_+_2216040	2216040	2216096	+	3	57	ATG	TAG	0	0	
mORF_+_2216077	2216077	2216463	+	1	387	TTG	TGA	0	0	
mORF_+_2216157	2216157	2216483	+	3	327	ATG	TAA	0	0	
mORF_+_2216222	2216222	2216356	+	2	135	ATG	TGA	0	0	
mORF_+_2216357	2216357	2216389	+	2	33	GTG	TAA	0	0	
mORF_+_2216525	2216525	2216563	+	2	39	TTG	TAA	0	0	
mORF_+_2216604	2216604	2216714	+	3	111	TTG	TAG	0	0	
mORF_+_2216632	2216632	2216778	+	1	147	TTG	TAG	0	0	
mORF_+_2216678	2216678	2216782	+	2	105	ATG	TAG	0	0	
mORF_+_2216727	2216727	2216807	+	3	81	TTG	TAA	0	0	

mORF_+_2216811	2216811	2216927	+	3	117	TTG	TGA	0	0	
mORF_+_2216842	2216842	2216850	+	1	9	GTG	TAA	0	0	
mORF_+_2216855	2216855	2216866	+	2	12	TTG	TAA	0	0	
mORF_+_2216893	2216893	2216937	+	1	45	TTG	TGA	0	0	
mORF_+_2216924	2216924	2216953	+	2	30	GTG	TAA	0	0	
mORF_+_2217022	2217022	2217048	+	1	27	TTG	TAA	0	0	
mORF_+_2217039	2217039	2217152	+	3	114	TTG	TAA	0	0	
mORF_+_2217070	2217070	2217099	+	1	30	GTG	TGA	0	0	
mORF_+_2217118	2217118	2217192	+	1	75	GTG	TAA	0	0	
mORF_+_2217125	2217125	2217181	+	2	57	TTG	TGA	0	0	
mORF_+_2217159	2217159	2217389	+	3	231	GTG	TAG	0	0	
mORF_+_2217250	2217250	2217270	+	1	21	TTG	TAG	0	0	
mORF_+_2217373	2217373	2217558	+	1	186	ATG	TAG	0	0	
mORF_+_2217410	2217410	2217424	+	2	15	TTG	TAA	0	0	
mORF_+_2217473	2217473	2217505	+	2	33	GTG	TGA	0	0	
mORF_+_2217528	2217528	2217545	+	3	18	TTG	TAA	0	0	
mORF_+_2217559	2217559	2217582	+	1	24	TTG	TGA	0	0	
mORF_+_2217579	2217579	2217620	+	3	42	TTG	TAA	0	0	
mORF_+_2217652	2217652	2217810	+	1	159	ATG	TGA	0	0	
mORF_+_2217746	2217746	2217766	+	2	21	GTG	TAA	0	0	
mORF_+_2217807	2217807	2218799	+	3	993	TTG	TAA	0	0	
mORF_+_2217877	2217877	2218071	+	1	195	GTG	TAG	0	0	
mORF_+_2218129	2218129	2218185	+	1	57	GTG	TAG	0	0	
mORF_+_2218223	2218223	2218435	+	2	213	TTG	TAG	0	0	
mORF_+_2218231	2218231	2218248	+	1	18	TTG	TAA	0	0	
mORF_+_2218390	2218390	2218587	+	1	198	GTG	TGA	0	0	
mORF_+_2218475	2218475	2218570	+	2	96	GTG	TGA	0	0	
mORF_+_2218603	2218603	2218701	+	1	99	ATG	TGA	0	0	
mORF_+_2218757	2218757	2218936	+	2	180	GTG	TAA	0	0	
mORF_+_2218774	2218774	2219043	+	1	270	ATG	TAG	0	0	
mORF_+_2218863	2218863	2219468	+	3	606	GTG	TGA	0	0	
mORF_+_2219056	2219056	2219151	+	1	96	ATG	TGA	0	0	
mORF_+_2219141	2219141	2219164	+	2	24	TTG	TGA	0	0	
mORF_+_2219161	2219161	2219307	+	1	147	GTG	TAA	0	0	
mORF_+_2219341	2219341	2219412	+	1	72	GTG	TAG	0	0	
mORF_+_2219375	2219375	2219392	+	2	18	ATG	TGA	0	0	
mORF_+_2219449	2219449	2219583	+	1	135	ATG	TAA	0	0	
mORF_+_2219462	2219462	2219473	+	2	12	TTG	TGA	0	0	
mORF_+_2219543	2219543	2219623	+	2	81	GTG	TAA	0	0	
mORF_+_2219659	2219659	2219667	+	1	9	GTG	TGA	0	0	
mORF_+_2219670	2219670	2219717	+	3	48	GTG	TAA	0	0	
mORF_+_2219737	2219737	2219754	+	1	18	ATG	TGA	0	0	
mORF_+_2219764	2219764	2219787	+	1	24	GTG	TGA	0	0	
mORF_+_2219794	2219794	2219856	+	1	63	TTG	TGA	0	0	
mORF_+_2219896	2219896	2220069	+	1	174	GTG	TAG	0	0	
mORF_+_2219927	2219927	2220079	+	2	153	ATG	TAA	0	0	
mORF_+_2219931	2219931	2219945	+	3	15	ATG	TAA	0	0	
mORF_+_2220012	2220012	2220170	+	3	159	ATG	TAG	0	0	
mORF_+_2220082	2220082	2220177	+	1	96	ATG	TGA	0	0	
mORF_+_2220174	2220174	2221922	+	3	1749	GTG	TAA	37	178	pORF_+_2220174
mORF_+_2220200	2220200	2220229	+	2	30	GTG	TGA	0	0	
mORF_+_2220247	2220247	2220375	+	1	129	ATG	TAG	0	0	
mORF_+_2220380	2220380	2220475	+	2	96	GTG	TAA	0	0	
mORF_+_2220481	2220481	2220630	+	1	150	ATG	TGA	2	6	pORF_+_2220481
mORF_+_2220631	2220631	2220648	+	1	18	TTG	TAG	0	0	
mORF_+_2220641	2220641	2220676	+	2	36	GTG	TAA	0	0	
mORF_+_2220703	2220703	2220744	+	1	42	GTG	TAA	0	0	
mORF_+_2220745	2220745	2220762	+	1	18	ATG	TGA	0	0	
mORF_+_2220784	2220784	2221074	+	1	291	TTG	TGA	0	0	
mORF_+_2220971	2220971	2221009	+	2	39	TTG	TGA	0	0	
mORF_+_2221120	2221120	2221188	+	1	69	TTG	TGA	0	0	
mORF_+_2221192	2221192	2221203	+	1	12	TTG	TAG	0	0	
mORF_+_2221249	2221249	2221269	+	1	21	ATG	TGA	0	0	

mORF_+_2221297	2221297	2221350	+	1	54	GTG	TGA	0	0
mORF_+_2221402	2221402	2221707	+	1	306	ATG	TAG	0	0
mORF_+_2221424	2221424	2221558	+	2	135	GTG	TGA	0	0
mORF_+_2221610	2221610	2221618	+	2	9	GTG	TGA	0	0
mORF_+_2221679	2221679	2221795	+	2	117	GTG	TAA	0	0
mORF_+_2221723	2221723	2221737	+	1	15	ATG	TAA	0	0
mORF_+_2221932	2221932	2222150	+	3	219	ATG	TGA	0	0
mORF_+_2221996	2221996	2222208	+	1	213	TTG	TAA	0	0
mORF_+_2222105	2222105	2222212	+	2	108	TTG	TGA	0	0
mORF_+_2222239	2222239	2222313	+	1	75	ATG	TAA	0	0
mORF_+_2222249	2222249	2222476	+	2	228	TTG	TAA	0	0
mORF_+_2222286	2222286	2222306	+	3	21	TTG	TAG	0	0
mORF_+_2222332	2222332	2222361	+	1	30	TTG	TAA	0	0
mORF_+_2222373	2222373	2222402	+	3	30	TTG	TAG	0	0
mORF_+_2222383	2222383	2222523	+	1	141	ATG	TGA	0	0
mORF_+_2222454	2222454	2222462	+	3	9	TTG	TAA	0	0
mORF_+_2222502	2222502	2222561	+	3	60	TTG	TGA	0	0
mORF_+_2222652	2222652	2222690	+	3	39	GTG	TGA	0	0
mORF_+_2222684	2222684	2222731	+	2	48	TTG	TAG	0	0
mORF_+_2222719	2222719	2222793	+	1	75	GTG	TGA	0	0
mORF_+_2222738	2222738	2222956	+	2	219	TTG	TGA	0	0
mORF_+_2222790	2222790	2222804	+	3	15	GTG	TAG	0	0
mORF_+_2222832	2222832	2222867	+	3	36	GTG	TAA	0	0
mORF_+_2222987	2222987	2223031	+	2	45	GTG	TGA	0	0
mORF_+_2223009	2223009	2223095	+	3	87	GTG	TAG	0	0
mORF_+_2223025	2223025	2223069	+	1	45	TTG	TAG	0	0
mORF_+_2223178	2223178	2223213	+	1	36	TTG	TAA	0	0
mORF_+_2223226	2223226	2223231	+	1	6	GTG	TAA	0	0
mORF_+_2223244	2223244	2223279	+	1	36	GTG	TAA	0	0
mORF_+_2223272	2223272	2223388	+	2	117	GTG	TGA	0	0
mORF_+_2223334	2223334	2223366	+	1	33	ATG	TAA	0	0
mORF_+_2223339	2223339	2223350	+	3	12	GTG	TGA	0	0
mORF_+_2223385	2223385	2223429	+	1	45	ATG	TAA	0	0
mORF_+_2223478	2223478	2223570	+	1	93	GTG	TAA	0	0
mORF_+_2223506	2223506	2223511	+	2	6	GTG	TAG	0	0
mORF_+_2223558	2223558	2223671	+	3	114	GTG	TGA	0	0
mORF_+_2223668	2223668	2223679	+	2	12	GTG	TGA	0	0
mORF_+_2223676	2223676	2223699	+	1	24	ATG	TAA	0	0
mORF_+_2223706	2223706	2223711	+	1	6	TTG	TGA	0	0
mORF_+_2223708	2223708	2223734	+	3	27	GTG	TAA	0	0
mORF_+_2223719	2223719	2223748	+	2	30	TTG	TGA	0	0
mORF_+_2223748	2223748	2223774	+	1	27	ATG	TGA	0	0
mORF_+_2223767	2223767	2223871	+	2	105	GTG	TGA	0	0
mORF_+_2223771	2223771	2223878	+	3	108	ATG	TAG	0	0
mORF_+_2223787	2223787	2224401	+	1	615	ATG	TAA	0	0
mORF_+_2223890	2223890	2223901	+	2	12	GTG	TGA	0	0
mORF_+_2223917	2223917	2223940	+	2	24	TTG	TAA	0	0
mORF_+_2223971	2223971	2223982	+	2	12	TTG	TGA	0	0
mORF_+_2223983	2223983	2224144	+	2	162	TTG	TGA	0	0
mORF_+_2224005	2224005	2224061	+	3	57	GTG	TAA	0	0
mORF_+_2224145	2224145	2224159	+	2	15	TTG	TGA	0	0
mORF_+_2224160	2224160	2224201	+	2	42	TTG	TGA	0	0
mORF_+_2224217	2224217	2224231	+	2	15	TTG	TGA	0	0
mORF_+_2224244	2224244	2224267	+	2	24	TTG	TGA	0	0
mORF_+_2224268	2224268	2224303	+	2	36	TTG	TGA	0	0
mORF_+_2224275	2224275	2224460	+	3	186	GTG	TGA	0	0
mORF_+_2224453	2224453	2224806	+	1	354	ATG	TAA	0	0
mORF_+_2224469	2224469	2224603	+	2	135	TTG	TAA	0	0
mORF_+_2224548	2224548	2224565	+	3	18	GTG	TAA	0	0
mORF_+_2224605	2224605	2224778	+	3	174	TTG	TGA	0	0
mORF_+_2224715	2224715	2224837	+	2	123	ATG	TAG	0	0
mORF_+_2224819	2224819	2224944	+	1	126	ATG	TAA	0	0
mORF_+_2224880	2224880	2224921	+	2	42	ATG	TGA	0	0

mORF_+_2224947	2224947	2224970	+	3	24	ATG	TAA	0	0
mORF_+_2224976	2224976	2225068	+	2	93	TTG	TGA	0	0
mORF_+_2225022	2225022	2225072	+	3	51	TTG	TGA	0	0
mORF_+_2225065	2225065	2225103	+	1	39	TTG	TAG	0	0
mORF_+_2225069	2225069	2225308	+	2	240	ATG	TAA	0	0
mORF_+_2225088	2225088	2225150	+	3	63	GTG	TAA	0	0
mORF_+_2225143	2225143	2225190	+	1	48	GTG	TGA	0	0
mORF_+_2225172	2225172	2225201	+	3	30	TTG	TAA	0	0
mORF_+_2225191	2225191	2225232	+	1	42	GTG	TAA	0	0
mORF_+_2225286	2225286	2225318	+	3	33	GTG	TAA	0	0
mORF_+_2225352	2225352	2225384	+	3	33	TTG	TGA	0	0
mORF_+_2225381	2225381	2225416	+	2	36	TTG	TAA	0	0
mORF_+_2225385	2225385	2225549	+	3	165	ATG	TGA	0	0
mORF_+_2225540	2225540	2225710	+	2	171	TTG	TAG	0	0
mORF_+_2225569	2225569	2225643	+	1	75	GTG	TAG	0	0
mORF_+_2225625	2225625	2225633	+	3	9	TTG	TAG	0	0
mORF_+_2225649	2225649	2225750	+	3	102	TTG	TGA	0	0
mORF_+_2225662	2225662	2225685	+	1	24	TTG	TAA	0	0
mORF_+_2225735	2225735	2225767	+	2	33	TTG	TAA	0	0
mORF_+_2225768	2225768	2225848	+	2	81	GTG	TAG	0	0
mORF_+_2225802	2225802	2225816	+	3	15	TTG	TAA	0	0
mORF_+_2225818	2225818	2225961	+	1	144	ATG	TAA	0	0
mORF_+_2225838	2225838	2226113	+	3	276	ATG	TGA	0	0
mORF_+_2225867	2225867	2225902	+	2	36	GTG	TAA	0	0
mORF_+_2225968	2225968	2225991	+	1	24	ATG	TAA	0	0
mORF_+_2225992	2225992	2226015	+	1	24	GTG	TAA	0	0
mORF_+_2226138	2226138	2226482	+	3	345	ATG	TGA	0	0
mORF_+_2226161	2226161	2226181	+	2	21	TTG	TAA	0	0
mORF_+_2226194	2226194	2226343	+	2	150	TTG	TAA	0	0
mORF_+_2226265	2226265	2226273	+	1	9	GTG	TAA	0	0
mORF_+_2226437	2226437	2226514	+	2	78	TTG	TAG	0	0
mORF_+_2226483	2226483	2226518	+	3	36	GTG	TGA	0	0
mORF_+_2226519	2226519	2226587	+	3	69	ATG	TGA	0	0
mORF_+_2226547	2226547	2226570	+	1	24	GTG	TAA	0	0
mORF_+_2226584	2226584	2226763	+	2	180	TTG	TAA	0	0
mORF_+_2226648	2226648	2226710	+	3	63	ATG	TAG	0	0
mORF_+_2226661	2226661	2226687	+	1	27	TTG	TAA	0	0
mORF_+_2226703	2226703	2226735	+	1	33	ATG	TAA	0	0
mORF_+_2226779	2226779	2226790	+	2	12	ATG	TAA	0	0
mORF_+_2226805	2226805	2226843	+	1	39	GTG	TAG	0	0
mORF_+_2226821	2226821	2226910	+	2	90	GTG	TGA	0	0
mORF_+_2226850	2226850	2226873	+	1	24	GTG	TAA	0	0
mORF_+_2226864	2226864	2226902	+	3	39	GTG	TAA	0	0
mORF_+_2226903	2226903	2226944	+	3	42	GTG	TAA	0	0
mORF_+_2226907	2226907	2226930	+	1	24	ATG	TAA	0	0
mORF_+_2226937	2226937	2226993	+	1	57	ATG	TAA	0	0
mORF_+_2227004	2227004	2227087	+	2	84	ATG	TAA	0	0
mORF_+_2227044	2227044	2227061	+	3	18	TTG	TGA	0	0
mORF_+_2227097	2227097	2227177	+	2	81	ATG	TAA	0	0
mORF_+_2227158	2227158	2227418	+	3	261	ATG	TGA	0	0
mORF_+_2227165	2227165	2227323	+	1	159	TTG	TAA	0	0
mORF_+_2227346	2227346	2227429	+	2	84	ATG	TAA	0	0
mORF_+_2227348	2227348	2227389	+	1	42	GTG	TGA	0	0
mORF_+_2227405	2227405	2227491	+	1	87	GTG	TAG	0	0
mORF_+_2227434	2227434	2227463	+	3	30	TTG	TAG	0	0
mORF_+_2227495	2227495	2227590	+	1	96	TTG	TAA	0	0
mORF_+_2227529	2227529	2227540	+	2	12	ATG	TAA	0	0
mORF_+_2227601	2227601	2227609	+	2	9	GTG	TAA	0	0
mORF_+_2227646	2227646	2228074	+	2	429	TTG	TAA	0	0
mORF_+_2227713	2227713	2227883	+	3	171	TTG	TAA	0	0
mORF_+_2228038	2228038	2228055	+	1	18	TTG	TGA	0	0
mORF_+_2228052	2228052	2228195	+	3	144	ATG	TGA	0	0
mORF_+_2228183	2228183	2228200	+	2	18	TTG	TAA	0	0

mORF_+_2228185	2228185	2228319	+	1	135	GTG	TGA	0	0	
mORF_+_2228246	2228246	2228251	+	2	6	TTG	TAG	0	0	
mORF_+_2228262	2228262	2228270	+	3	9	ATG	TGA	0	0	
mORF_+_2228267	2228267	2228398	+	2	132	ATG	TAA	0	0	
mORF_+_2228316	2228316	2228333	+	3	18	GTG	TAG	0	0	
mORF_+_2228389	2228389	2228442	+	1	54	GTG	TAG	0	0	
mORF_+_2228426	2228426	2228524	+	2	99	ATG	TGA	0	0	
mORF_+_2228436	2228436	2228513	+	3	78	ATG	TGA	0	0	
mORF_+_2228506	2228506	2228544	+	1	39	ATG	TAA	0	0	
mORF_+_2228517	2228517	2228585	+	3	69	ATG	TGA	0	0	
mORF_+_2228537	2228537	2228572	+	2	36	TTG	TGA	0	0	
mORF_+_2228582	2228582	2228617	+	2	36	GTG	TGA	0	0	
mORF_+_2228610	2228610	2229044	+	3	435	TTG	TGA	0	0	
mORF_+_2228614	2228614	2228643	+	1	30	ATG	TGA	0	0	
mORF_+_2228701	2228701	2228748	+	1	48	ATG	TAA	0	0	
mORF_+_2228785	2228785	2228847	+	1	63	TTG	TGA	0	0	
mORF_+_2228819	2228819	2228905	+	2	87	ATG	TGA	0	0	
mORF_+_2228869	2228869	2228886	+	1	18	TTG	TAG	0	0	
mORF_+_2228902	2228902	2228934	+	1	33	TTG	TAG	0	0	
mORF_+_2228944	2228944	2228979	+	1	36	GTG	TGA	0	0	
mORF_+_2229004	2229004	2229021	+	1	18	GTG	TAG	0	0	
mORF_+_2229041	2229041	2229736	+	2	696	ATG	TAA	0	0	
mORF_+_2229058	2229058	2229120	+	1	63	GTG	TAA	0	0	
mORF_+_2229081	2229081	2229149	+	3	69	TTG	TAG	0	0	
mORF_+_2229273	2229273	2229353	+	3	81	ATG	TGA	0	0	
mORF_+_2229435	2229435	2229494	+	3	60	TTG	TGA	0	0	
mORF_+_2229487	2229487	2229540	+	1	54	TTG	TAA	0	0	
mORF_+_2229522	2229522	2229659	+	3	138	TTG	TAG	0	0	
mORF_+_2229670	2229670	2229786	+	1	117	ATG	TAA	0	0	
mORF_+_2229740	2229740	2229763	+	2	24	TTG	TGA	0	0	
mORF_+_2229767	2229767	2229790	+	2	24	ATG	TAA	0	0	
mORF_+_2229790	2229790	2229909	+	1	120	ATG	TAA	0	0	
mORF_+_2229866	2229866	2230750	+	2	885	ATG	TAA	28	127	pORF_+_2229866
mORF_+_2229891	2229891	2229965	+	3	75	TTG	TGA	0	0	
mORF_+_2230053	2230053	2230106	+	3	54	GTG	TGA	0	0	
mORF_+_2230125	2230125	2230205	+	3	81	GTG	TGA	0	0	
mORF_+_2230206	2230206	2230274	+	3	69	GTG	TGA	0	0	
mORF_+_2230249	2230249	2230278	+	1	30	TTG	TGA	0	0	
mORF_+_2230275	2230275	2230283	+	3	9	ATG	TGA	0	0	
mORF_+_2230338	2230338	2230394	+	3	57	GTG	TGA	0	0	
mORF_+_2230416	2230416	2230424	+	3	9	ATG	TGA	0	0	
mORF_+_2230428	2230428	2230598	+	3	171	GTG	TAA	0	0	
mORF_+_2230513	2230513	2230518	+	1	6	ATG	TAA	0	0	
mORF_+_2230620	2230620	2230676	+	3	57	ATG	TGA	0	0	
mORF_+_2230681	2230681	2230773	+	1	93	GTG	TGA	0	0	
mORF_+_2230686	2230686	2230706	+	3	21	ATG	TGA	0	0	
mORF_+_2230763	2230763	2230864	+	2	102	ATG	TAG	0	0	
mORF_+_2230770	2230770	2230859	+	3	90	GTG	TAA	0	0	
mORF_+_2230869	2230869	2231087	+	3	219	ATG	TAA	0	0	
mORF_+_2230900	2230900	2231619	+	1	720	ATG	TAG	3	8	pORF_+_2230900
mORF_+_2231042	2231042	2231083	+	2	42	GTG	TAA	0	0	
mORF_+_2231123	2231123	2231146	+	2	24	ATG	TAA	0	0	
mORF_+_2231189	2231189	2231200	+	2	12	ATG	TGA	0	0	
mORF_+_2231228	2231228	2231509	+	2	282	GTG	TAG	0	0	
mORF_+_2231394	2231394	2231444	+	3	51	GTG	TGA	0	0	
mORF_+_2231552	2231552	2231719	+	2	168	ATG	TGA	0	0	
mORF_+_2231622	2231622	2231861	+	3	240	ATG	TAA	0	0	
mORF_+_2231626	2231626	2231835	+	1	210	ATG	TGA	0	0	
mORF_+_2231836	2231836	2231880	+	1	45	TTG	TAA	0	0	
mORF_+_2231884	2231884	2231934	+	1	51	TTG	TAA	0	0	
mORF_+_2231945	2231945	2231950	+	2	6	TTG	TGA	0	0	
mORF_+_2231947	2231947	2231967	+	1	21	GTG	TAA	0	0	
mORF_+_2232055	2232055	2233293	+	1	1239	ATG	TAA	1	2	pORF_+_2232055

mORF_+_2232077	2232077	2232478	+	2	402	ATG	TGA	0	0
mORF_+_2232138	2232138	2232158	+	3	21	ATG	TAG	0	0
mORF_+_2232165	2232165	2232218	+	3	54	TTG	TAA	0	0
mORF_+_2232270	2232270	2232332	+	3	63	TTG	TGA	0	0
mORF_+_2232497	2232497	2232622	+	2	126	ATG	TGA	0	0
mORF_+_2232630	2232630	2232650	+	3	21	GTG	TAA	0	0
mORF_+_2232662	2232662	2232673	+	2	12	TTG	TGA	0	0
mORF_+_2232737	2232737	2232826	+	2	90	TTG	TAA	0	0
mORF_+_2232839	2232839	2232859	+	2	21	GTG	TAG	0	0
mORF_+_2232897	2232897	2232911	+	3	15	TTG	TGA	0	0
mORF_+_2232908	2232908	2232919	+	2	12	GTG	TAG	0	0
mORF_+_2232920	2232920	2233000	+	2	81	ATG	TAG	0	0
mORF_+_2233031	2233031	2233054	+	2	24	ATG	TGA	0	0
mORF_+_2233094	2233094	2233105	+	2	12	ATG	TAG	0	0
mORF_+_2233106	2233106	2233123	+	2	18	ATG	TAG	0	0
mORF_+_2233181	2233181	2233231	+	2	51	TTG	TGA	0	0
mORF_+_2233281	2233281	2234522	+	3	1242	TTG	TAA	0	0
mORF_+_2233316	2233316	2233378	+	2	63	TTG	TGA	0	0
mORF_+_2233375	2233375	2233482	+	1	108	ATG	TGA	0	0
mORF_+_2233382	2233382	2233426	+	2	45	GTG	TAA	0	0
mORF_+_2233525	2233525	2233572	+	1	48	TTG	TGA	0	0
mORF_+_2233621	2233621	2233677	+	1	57	ATG	TGA	0	0
mORF_+_2233631	2233631	2233687	+	2	57	ATG	TAA	0	0
mORF_+_2233714	2233714	2233755	+	1	42	ATG	TAG	0	0
mORF_+_2233763	2233763	2233828	+	2	66	TTG	TGA	0	0
mORF_+_2233825	2233825	2233989	+	1	165	GTG	TAA	0	0
mORF_+_2233832	2233832	2233888	+	2	57	GTG	TAA	0	0
mORF_+_2234071	2234071	2234130	+	1	60	TTG	TGA	0	0
mORF_+_2234212	2234212	2234235	+	1	24	TTG	TAG	0	0
mORF_+_2234254	2234254	2234274	+	1	21	TTG	TAG	0	0
mORF_+_2234287	2234287	2234481	+	1	195	TTG	TGA	0	0
mORF_+_2234315	2234315	2234407	+	2	93	ATG	TAA	0	0
mORF_+_2234417	2234417	2234467	+	2	51	ATG	TGA	0	0
mORF_+_2234544	2234544	2234687	+	3	144	TTG	TGA	0	0
mORF_+_2234561	2234561	2234614	+	2	54	ATG	TGA	0	0
mORF_+_2234608	2234608	2234625	+	1	18	ATG	TAG	0	0
mORF_+_2234647	2234647	2234724	+	1	78	TTG	TGA	0	0
mORF_+_2234660	2234660	2234791	+	2	132	TTG	TGA	0	0
mORF_+_2234721	2234721	2234876	+	3	156	ATG	TAG	0	0
mORF_+_2234731	2234731	2234742	+	1	12	GTG	TGA	0	0
mORF_+_2234788	2234788	2234814	+	1	27	GTG	TAA	0	0
mORF_+_2234845	2234845	2234880	+	1	36	ATG	TGA	0	0
mORF_+_2234877	2234877	2235053	+	3	177	TTG	TAG	0	0
mORF_+_2235099	2235099	2235212	+	3	114	TTG	TAG	0	0
mORF_+_2235115	2235115	2235219	+	1	105	TTG	TGA	0	0
mORF_+_2235216	2235216	2235224	+	3	9	GTG	TAA	0	0
mORF_+_2235295	2235295	2235333	+	1	39	TTG	TGA	0	0
mORF_+_2235330	2235330	2235341	+	3	12	TTG	TAG	0	0
mORF_+_2235345	2235345	2235392	+	3	48	ATG	TAA	0	0
mORF_+_2235408	2235408	2235554	+	3	147	TTG	TGA	0	0
mORF_+_2235520	2235520	2235585	+	1	66	ATG	TGA	0	0
mORF_+_2235582	2235582	2235722	+	3	141	GTG	TAA	0	0
mORF_+_2235628	2235628	2235639	+	1	12	ATG	TGA	0	0
mORF_+_2235670	2235670	2235690	+	1	21	ATG	TAA	0	0
mORF_+_2235774	2235774	2235788	+	3	15	ATG	TAA	0	0
mORF_+_2235797	2235797	2235904	+	2	108	GTG	TAA	0	0
mORF_+_2235832	2235832	2235879	+	1	48	TTG	TGA	0	0
mORF_+_2235870	2235870	2235974	+	3	105	TTG	TGA	0	0
mORF_+_2236040	2236040	2236048	+	2	9	TTG	TAG	0	0
mORF_+_2236073	2236073	2236186	+	2	114	TTG	TAA	0	0
mORF_+_2236200	2236200	2236205	+	3	6	TTG	TAG	0	0
mORF_+_2236206	2236206	2236250	+	3	45	TTG	TAG	0	0
mORF_+_2236264	2236264	2236332	+	1	69	TTG	TGA	0	0

mORF_+_2236298	2236298	2236387	+	2	90	ATG	TAA	0	0
mORF_+_2236305	2236305	2236637	+	3	333	ATG	TGA	0	0
mORF_+_2236451	2236451	2236495	+	2	45	ATG	TGA	0	0
mORF_+_2236492	2236492	2236521	+	1	30	GTG	TGA	0	0
mORF_+_2236691	2236691	2236729	+	2	39	ATG	TAA	0	0
mORF_+_2236743	2236743	2236754	+	3	12	GTG	TGA	0	0
mORF_+_2236751	2236751	2236774	+	2	24	ATG	TAA	0	0
mORF_+_2236755	2236755	2236817	+	3	63	TTG	TAG	0	0
mORF_+_2236827	2236827	2236946	+	3	120	TTG	TGA	0	0
mORF_+_2236850	2236850	2236864	+	2	15	TTG	TAA	0	0
mORF_+_2236864	2236864	2237193	+	1	330	ATG	TAG	0	0
mORF_+_2236956	2236956	2237123	+	3	168	ATG	TGA	0	0
mORF_+_2237006	2237006	2237011	+	2	6	TTG	TAA	0	0
mORF_+_2237030	2237030	2237101	+	2	72	GTG	TAA	0	0
mORF_+_2237120	2237120	2237146	+	2	27	TTG	TAA	0	0
mORF_+_2237186	2237186	2237212	+	2	27	ATG	TAA	0	0
mORF_+_2237197	2237197	2237217	+	1	21	GTG	TAA	0	0
mORF_+_2237227	2237227	2237235	+	1	9	GTG	TAA	0	0
mORF_+_2237250	2237250	2237315	+	3	66	TTG	TAA	0	0
mORF_+_2237299	2237299	2237307	+	1	9	TTG	TGA	0	0
mORF_+_2237323	2237323	2237340	+	1	18	TTG	TAA	0	0
mORF_+_2237379	2237379	2237420	+	3	42	TTG	TAA	0	0
mORF_+_2237436	2237436	2237744	+	3	309	TTG	TGA	0	0
mORF_+_2237554	2237554	2237682	+	1	129	GTG	TAA	0	0
mORF_+_2237627	2237627	2237770	+	2	144	GTG	TAA	0	0
mORF_+_2237748	2237748	2237822	+	3	75	GTG	TAA	0	0
mORF_+_2237758	2237758	2237790	+	1	33	TTG	TGA	0	0
mORF_+_2237823	2237823	2237879	+	3	57	GTG	TGA	0	0
mORF_+_2237830	2237830	2237931	+	1	102	GTG	TAG	0	0
mORF_+_2237846	2237846	2238325	+	2	480	ATG	TAA	0	0
mORF_+_2237892	2237892	2237912	+	3	21	TTG	TGA	0	0
mORF_+_2237952	2237952	2237984	+	3	33	ATG	TAG	0	0
mORF_+_2237991	2237991	2237999	+	3	9	TTG	TAG	0	0
mORF_+_2238027	2238027	2238152	+	3	126	TTG	TGA	0	0
mORF_+_2238109	2238109	2238234	+	1	126	TTG	TAG	0	0
mORF_+_2238162	2238162	2238179	+	3	18	TTG	TGA	0	0
mORF_+_2238237	2238237	2238275	+	3	39	TTG	TAG	0	0
mORF_+_2238277	2238277	2238552	+	1	276	TTG	TGA	0	0
mORF_+_2238288	2238288	2238407	+	3	120	ATG	TGA	0	0
mORF_+_2238404	2238404	2238412	+	2	9	TTG	TAA	0	0
mORF_+_2238413	2238413	2238451	+	2	39	ATG	TGA	0	0
mORF_+_2238486	2238486	2238626	+	3	141	ATG	TGA	0	0
mORF_+_2238518	2238518	2238529	+	2	12	TTG	TGA	0	0
mORF_+_2238590	2238590	2238601	+	2	12	GTG	TAG	0	0
mORF_+_2238610	2238610	2238675	+	1	66	TTG	TAG	0	0
mORF_+_2238623	2238623	2238643	+	2	21	GTG	TGA	0	0
mORF_+_2238675	2238675	2238824	+	3	150	GTG	TAA	0	0
mORF_+_2238697	2238697	2238735	+	1	39	GTG	TAA	0	0
mORF_+_2238710	2238710	2238724	+	2	15	ATG	TAA	0	0
mORF_+_2238740	2238740	2238799	+	2	60	GTG	TAA	0	0
mORF_+_2238808	2238808	2238885	+	1	78	TTG	TGA	0	0
mORF_+_2238839	2238839	2238889	+	2	51	TTG	TGA	0	0
mORF_+_2238849	2238849	2238854	+	3	6	GTG	TAA	0	0
mORF_+_2238861	2238861	2238962	+	3	102	ATG	TAA	0	0
mORF_+_2238886	2238886	2238978	+	1	93	TTG	TAA	0	0
mORF_+_2238893	2238893	2238898	+	2	6	ATG	TAA	0	0
mORF_+_2238980	2238980	2238985	+	2	6	TTG	TAG	0	0
mORF_+_2238987	2238987	2239151	+	3	165	TTG	TAA	0	0
mORF_+_2239133	2239133	2239264	+	2	132	GTG	TAA	0	0
mORF_+_2239182	2239182	2239328	+	3	147	ATG	TGA	0	0
mORF_+_2239292	2239292	2239324	+	2	33	TTG	TGA	0	0
mORF_+_2239315	2239315	2239518	+	1	204	ATG	TAA	0	0
mORF_+_2239325	2239325	2239360	+	2	36	GTG	TAA	0	0

mORF_+_2239368	2239368	2239376	+	3	9	ATG	TGA	0	0	
mORF_+_2239373	2239373	2239414	+	2	42	GTG	TAG	0	0	
mORF_+_2239404	2239404	2239427	+	3	24	TTG	TGA	0	0	
mORF_+_2239427	2239427	2239708	+	2	282	ATG	TGA	0	0	
mORF_+_2239506	2239506	2239523	+	3	18	ATG	TGA	0	0	
mORF_+_2239525	2239525	2239608	+	1	84	TTG	TGA	0	0	
mORF_+_2239542	2239542	2239559	+	3	18	TTG	TAA	0	0	
mORF_+_2239596	2239596	2239664	+	3	69	GTG	TGA	0	0	
mORF_+_2239642	2239642	2239686	+	1	45	TTG	TGA	0	0	
mORF_+_2239680	2239680	2239883	+	3	204	ATG	TGA	0	0	
mORF_+_2239705	2239705	2239719	+	1	15	ATG	TAA	0	0	
mORF_+_2239720	2239720	2239755	+	1	36	ATG	TGA	0	0	
mORF_+_2239768	2239768	2239848	+	1	81	GTG	TAG	0	0	
mORF_+_2239817	2239817	2239822	+	2	6	ATG	TGA	0	0	
mORF_+_2239852	2239852	2239932	+	1	81	TTG	TAA	0	0	
mORF_+_2239997	2239997	2240053	+	2	57	ATG	TAG	0	0	
mORF_+_2240028	2240028	2240057	+	3	30	GTG	TAG	0	0	
mORF_+_2240058	2240058	2240135	+	3	78	TTG	TAA	0	0	
mORF_+_2240117	2240117	2240197	+	2	81	TTG	TAA	0	0	
mORF_+_2240234	2240234	2240311	+	2	78	TTG	TAA	0	0	
mORF_+_2240244	2240244	2240303	+	3	60	ATG	TAG	0	0	
mORF_+_2240358	2240358	2240462	+	3	105	ATG	TGA	0	0	
mORF_+_2240378	2240378	2240410	+	2	33	TTG	TAA	0	0	
mORF_+_2240392	2240392	2240442	+	1	51	GTG	TGA	0	0	
mORF_+_2240459	2240459	2240548	+	2	90	GTG	TAA	0	0	
mORF_+_2240494	2240494	2240583	+	1	90	ATG	TGA	0	0	
mORF_+_2240580	2240580	2240660	+	3	81	ATG	TAA	0	0	
mORF_+_2240611	2240611	2240703	+	1	93	ATG	TAA	0	0	
mORF_+_2240696	2240696	2240719	+	2	24	GTG	TAA	0	0	
mORF_+_2240768	2240768	2240791	+	2	24	TTG	TAG	0	0	
mORF_+_2240802	2240802	2240894	+	3	93	GTG	TAA	0	0	
mORF_+_2240836	2240836	2240865	+	1	30	ATG	TAA	0	0	
mORF_+_2240902	2240902	2240922	+	1	21	TTG	TGA	0	0	
mORF_+_2240922	2240922	2241005	+	3	84	ATG	TAA	0	0	
mORF_+_2241010	2241010	2241015	+	1	6	TTG	TGA	0	0	
mORF_+_2241012	2241012	2241188	+	3	177	GTG	TAG	0	0	
mORF_+_2241061	2241061	2241135	+	1	75	TTG	TAA	0	0	
mORF_+_2241086	2241086	2241196	+	2	111	TTG	TAA	0	0	
mORF_+_2241166	2241166	2241300	+	1	135	TTG	TAG	0	0	
mORF_+_2241201	2241201	2241269	+	3	69	TTG	TGA	0	0	
mORF_+_2241266	2241266	2241328	+	2	63	TTG	TAA	0	0	
mORF_+_2241313	2241313	2241435	+	1	123	TTG	TAA	0	0	
mORF_+_2241333	2241333	2241632	+	3	300	ATG	TAA	0	0	
mORF_+_2241475	2241475	2241549	+	1	75	ATG	TGA	0	0	
mORF_+_2241565	2241565	2241642	+	1	78	TTG	TGA	0	0	
mORF_+_2241608	2241608	2241664	+	2	57	GTG	TGA	0	0	
mORF_+_2241639	2241639	2241668	+	3	30	ATG	TGA	0	0	
mORF_+_2241665	2241665	2241736	+	2	72	GTG	TGA	0	0	
mORF_+_2241693	2241693	2241698	+	3	6	GTG	TGA	0	0	
mORF_+_2241752	2241752	2241775	+	2	24	TTG	TAA	0	0	
mORF_+_2241754	2241754	2241795	+	1	42	GTG	TAA	0	0	
mORF_+_2241799	2241799	2241804	+	1	6	TTG	TAA	0	0	
mORF_+_2241805	2241805	2241834	+	1	30	TTG	TAA	0	0	
mORF_+_2241828	2241828	2242004	+	3	177	ATG	TAA	0	0	
mORF_+_2241844	2241844	2241861	+	1	18	ATG	TGA	0	0	
mORF_+_2241892	2241892	2241963	+	1	72	ATG	TGA	0	0	
mORF_+_2241932	2241932	2242768	+	2	837	ATG	TGA	12	37	pORF_+_2241932
mORF_+_2242044	2242044	2242088	+	3	45	GTG	TAA	0	0	
mORF_+_2242095	2242095	2242136	+	3	42	ATG	TAG	0	0	
mORF_+_2242152	2242152	2242163	+	3	12	TTG	TGA	0	0	
mORF_+_2242194	2242194	2242220	+	3	27	TTG	TAG	0	0	
mORF_+_2242245	2242245	2242388	+	3	144	ATG	TGA	0	0	
mORF_+_2242261	2242261	2242287	+	1	27	GTG	TGA	0	0	

mORF_+_2242434	2242434	2242448	+	3	15	TTG	TGA	0	0	
mORF_+_2242453	2242453	2242485	+	1	33	GTG	TAG	0	0	
mORF_+_2242497	2242497	2242541	+	3	45	GTG	TGA	0	0	
mORF_+_2242513	2242513	2242554	+	1	42	ATG	TAA	0	0	
mORF_+_2242545	2242545	2242670	+	3	126	ATG	TGA	0	0	
mORF_+_2242660	2242660	2242695	+	1	36	GTG	TGA	0	0	
mORF_+_2242692	2242692	2242727	+	3	36	ATG	TAG	0	0	
mORF_+_2242746	2242746	2242763	+	3	18	ATG	TGA	0	0	
mORF_+_2242765	2242765	2242812	+	1	48	GTG	TAA	0	0	
mORF_+_2242876	2242876	2242959	+	1	84	TTG	TAA	0	0	
mORF_+_2242967	2242967	2242975	+	2	9	GTG	TAG	0	0	
mORF_+_2243010	2243010	2243030	+	3	21	GTG	TGA	0	0	
mORF_+_2243027	2243027	2243074	+	2	48	ATG	TAG	0	0	
mORF_+_2243079	2243079	2243099	+	3	21	ATG	TAG	0	0	
mORF_+_2243104	2243104	2243142	+	1	39	TTG	TAG	0	0	
mORF_+_2243143	2243143	2243148	+	1	6	GTG	TAG	0	0	
mORF_+_2243149	2243149	2243208	+	1	60	TTG	TGA	0	0	
mORF_+_2243218	2243218	2243232	+	1	15	TTG	TAG	0	0	
mORF_+_2243248	2243248	2243295	+	1	48	ATG	TAG	0	0	
mORF_+_2243289	2243289	2244140	+	3	852	TTG	TGA	1	5	pORF_+_2243289
mORF_+_2243300	2243300	2243311	+	2	12	GTG	TGA	0	0	
mORF_+_2243308	2243308	2243412	+	1	105	TTG	TAG	0	0	
mORF_+_2243477	2243477	2243515	+	2	39	ATG	TAA	0	0	
mORF_+_2243494	2243494	2243589	+	1	96	TTG	TAA	0	0	
mORF_+_2243531	2243531	2243539	+	2	9	GTG	TAA	0	0	
mORF_+_2243540	2243540	2243764	+	2	225	ATG	TAA	0	0	
mORF_+_2243725	2243725	2243775	+	1	51	TTG	TGA	0	0	
mORF_+_2243794	2243794	2243805	+	1	12	GTG	TGA	0	0	
mORF_+_2243827	2243827	2243910	+	1	84	GTG	TAG	0	0	
mORF_+_2243926	2243926	2243934	+	1	9	GTG	TAA	0	0	
mORF_+_2243986	2243986	2244015	+	1	30	TTG	TGA	0	0	
mORF_+_2244059	2244059	2244226	+	2	168	GTG	TAA	0	0	
mORF_+_2244079	2244079	2244183	+	1	105	TTG	TAA	0	0	
mORF_+_2244144	2244144	2244212	+	3	69	TTG	TAA	0	0	
mORF_+_2244244	2244244	2244270	+	1	27	GTG	TGA	0	0	
mORF_+_2244261	2244261	2244722	+	3	462	ATG	TAA	0	0	
mORF_+_2244271	2244271	2244309	+	1	39	ATG	TGA	0	0	
mORF_+_2244319	2244319	2244501	+	1	183	TTG	TAG	0	0	
mORF_+_2244577	2244577	2244960	+	1	384	TTG	TAA	0	0	
mORF_+_2244650	2244650	2244661	+	2	12	GTG	TAA	0	0	
mORF_+_2244680	2244680	2244688	+	2	9	ATG	TGA	0	0	
mORF_+_2244731	2244731	2244745	+	2	15	ATG	TAG	0	0	
mORF_+_2244803	2244803	2244811	+	2	9	ATG	TAA	0	0	
mORF_+_2244825	2244825	2244902	+	3	78	ATG	TGA	0	0	
mORF_+_2244878	2244878	2244931	+	2	54	GTG	TGA	0	0	
mORF_+_2244933	2244933	2245067	+	3	135	TTG	TAG	0	0	
mORF_+_2244950	2244950	2245000	+	2	51	TTG	TAA	0	0	
mORF_+_2244994	2244994	2245017	+	1	24	ATG	TGA	0	0	
mORF_+_2245019	2245019	2245039	+	2	21	TTG	TGA	0	0	
mORF_+_2245030	2245030	2245146	+	1	117	ATG	TAA	0	0	
mORF_+_2245133	2245133	2245315	+	2	183	GTG	TGA	0	0	
mORF_+_2245152	2245152	2245157	+	3	6	TTG	TAG	0	0	
mORF_+_2245198	2245198	2245224	+	1	27	TTG	TAG	0	0	
mORF_+_2245260	2245260	2245358	+	3	99	GTG	TAA	0	0	
mORF_+_2245282	2245282	2245335	+	1	54	ATG	TAA	0	0	
mORF_+_2245340	2245340	2245627	+	2	288	GTG	TGA	0	0	
mORF_+_2245383	2245383	2245799	+	3	417	ATG	TAG	0	0	
mORF_+_2245685	2245685	2246077	+	2	393	GTG	TGA	0	0	
mORF_+_2245837	2245837	2245923	+	1	87	GTG	TAG	0	0	
mORF_+_2245842	2245842	2246120	+	3	279	ATG	TAG	0	0	
mORF_+_2245972	2245972	2246010	+	1	39	TTG	TGA	0	0	
mORF_+_2246074	2246074	2246136	+	1	63	GTG	TAA	0	0	
mORF_+_2246170	2246170	2246196	+	1	27	GTG	TGA	0	0	

mORF_+_2246193	2246193	2246204	+	3	12	ATG	TGA	0	0	
mORF_+_2246241	2246241	2246252	+	3	12	TTG	TAG	0	0	
mORF_+_2246304	2246304	2246369	+	3	66	GTG	TAA	0	0	
mORF_+_2246332	2246332	2246541	+	1	210	ATG	TAG	0	0	
mORF_+_2246463	2246463	2246495	+	3	33	ATG	TGA	0	0	
mORF_+_2246492	2246492	2246506	+	2	15	GTG	TAA	0	0	
mORF_+_2246532	2246532	2246576	+	3	45	GTG	TAA	0	0	
mORF_+_2246561	2246561	2246650	+	2	90	ATG	TGA	0	0	
mORF_+_2246590	2246590	2246595	+	1	6	TTG	TAG	0	0	
mORF_+_2246647	2246647	2246667	+	1	21	ATG	TAA	0	0	
mORF_+_2246696	2246696	2246806	+	2	111	ATG	TAG	0	0	
mORF_+_2246700	2246700	2246762	+	3	63	ATG	TAA	0	0	
mORF_+_2246773	2246773	2246940	+	1	168	TTG	TAA	0	0	
mORF_+_2246811	2246811	2246834	+	3	24	TTG	TGA	0	0	
mORF_+_2246819	2246819	2246890	+	2	72	GTG	TAA	0	0	
mORF_+_2246892	2246892	2246909	+	3	18	GTG	TGA	0	0	
mORF_+_2246906	2246906	2246989	+	2	84	TTG	TAA	0	0	
mORF_+_2246967	2246967	2247035	+	3	69	TTG	TAA	0	0	
mORF_+_2246971	2246971	2247108	+	1	138	TTG	TGA	0	0	
mORF_+_2247017	2247017	2247022	+	2	6	ATG	TGA	0	0	
mORF_+_2247051	2247051	2247299	+	3	249	GTG	TAA	0	0	
mORF_+_2247194	2247194	2247547	+	2	354	GTG	TGA	0	0	
mORF_+_2247333	2247333	2247338	+	3	6	ATG	TAG	0	0	
mORF_+_2247345	2247345	2247362	+	3	18	ATG	TAG	0	0	
mORF_+_2247378	2247378	2247443	+	3	66	TTG	TAG	0	0	
mORF_+_2247424	2247424	2247465	+	1	42	ATG	TAA	0	0	
mORF_+_2247548	2247548	2247586	+	2	39	TTG	TGA	0	0	
mORF_+_2247579	2247579	2247659	+	3	81	GTG	TAA	0	0	
mORF_+_2247583	2247583	2247633	+	1	51	TTG	TGA	0	0	
mORF_+_2247635	2247635	2247727	+	2	93	GTG	TAA	0	0	
mORF_+_2247739	2247739	2248788	+	1	1050	ATG	TAA	0	0	
mORF_+_2247777	2247777	2247872	+	3	96	GTG	TAG	0	0	
mORF_+_2247806	2247806	2247910	+	2	105	GTG	TAG	0	0	
mORF_+_2247944	2247944	2248015	+	2	72	GTG	TGA	0	0	
mORF_+_2248028	2248028	2248069	+	2	42	TTG	TGA	0	0	
mORF_+_2248095	2248095	2248130	+	3	36	TTG	TAA	0	0	
mORF_+_2248118	2248118	2248147	+	2	30	TTG	TGA	0	0	
mORF_+_2248151	2248151	2248204	+	2	54	GTG	TAG	0	0	
mORF_+_2248238	2248238	2248300	+	2	63	TTG	TGA	0	0	
mORF_+_2248308	2248308	2248316	+	3	9	ATG	TAG	0	0	
mORF_+_2248340	2248340	2248441	+	2	102	TTG	TGA	0	0	
mORF_+_2248478	2248478	2248558	+	2	81	GTG	TAG	0	0	
mORF_+_2248533	2248533	2248571	+	3	39	GTG	TAA	0	0	
mORF_+_2248559	2248559	2248603	+	2	45	TTG	TGA	0	0	
mORF_+_2248727	2248727	2248738	+	2	12	TTG	TGA	0	0	
mORF_+_2248739	2248739	2248768	+	2	30	TTG	TGA	0	0	
mORF_+_2248800	2248800	2248865	+	3	66	TTG	TGA	0	0	
mORF_+_2248862	2248862	2249719	+	2	858	ATG	TGA	15	38	pORF_+_2248862
mORF_+_2248872	2248872	2249081	+	3	210	TTG	TGA	0	0	
mORF_+_2248975	2248975	2249013	+	1	39	GTG	TGA	0	0	
mORF_+_2249127	2249127	2249138	+	3	12	ATG	TAG	0	0	
mORF_+_2249139	2249139	2249204	+	3	66	ATG	TGA	0	0	
mORF_+_2249152	2249152	2249268	+	1	117	TTG	TAA	0	0	
mORF_+_2249229	2249229	2249282	+	3	54	TTG	TGA	0	0	
mORF_+_2249394	2249394	2249636	+	3	243	TTG	TGA	1	2	pORF_+_2249394
mORF_+_2249446	2249446	2249490	+	1	45	ATG	TAA	0	0	
mORF_+_2249722	2249722	2250810	+	1	1089	ATG	TAA	0	0	
mORF_+_2249747	2249747	2249773	+	2	27	TTG	TGA	0	0	
mORF_+_2249789	2249789	2249845	+	2	57	TTG	TAA	0	0	
mORF_+_2249988	2249988	2250047	+	3	60	TTG	TGA	0	0	
mORF_+_2250044	2250044	2250067	+	2	24	GTG	TGA	0	0	
mORF_+_2250068	2250068	2250124	+	2	57	TTG	TGA	0	0	
mORF_+_2250125	2250125	2250241	+	2	117	ATG	TGA	0	0	

mORF_+_2250281	2250281	2250313	+	2	33	ATG	TGA	0	0	
mORF_+_2250303	2250303	2250350	+	3	48	TTG	TGA	0	0	
mORF_+_2250350	2250350	2250433	+	2	84	ATG	TGA	0	0	
mORF_+_2250462	2250462	2250491	+	3	30	ATG	TGA	0	0	
mORF_+_2250485	2250485	2250508	+	2	24	ATG	TGA	0	0	
mORF_+_2250509	2250509	2250604	+	2	96	ATG	TGA	0	0	
mORF_+_2250570	2250570	2250644	+	3	75	TTG	TGA	0	0	
mORF_+_2250635	2250635	2250721	+	2	87	TTG	TAG	0	0	
mORF_+_2250813	2250813	2250878	+	3	66	ATG	TAA	0	0	
mORF_+_2250823	2250823	2250933	+	1	111	ATG	TAA	0	0	
mORF_+_2250879	2250879	2250884	+	3	6	ATG	TAG	0	0	
mORF_+_2250896	2250896	2250913	+	2	18	TTG	TGA	0	0	
mORF_+_2250945	2250945	2251148	+	3	204	ATG	TAG	0	0	
mORF_+_2251022	2251022	2251153	+	2	132	GTG	TGA	0	0	
mORF_+_2251024	2251024	2251065	+	1	42	GTG	TAG	0	0	
mORF_+_2251150	2251150	2251161	+	1	12	GTG	TGA	0	0	
mORF_+_2251158	2251158	2251166	+	3	9	TTG	TAA	0	0	
mORF_+_2251183	2251183	2251332	+	1	150	TTG	TAA	0	0	
mORF_+_2251278	2251278	2251595	+	3	318	ATG	TAA	0	0	
mORF_+_2251295	2251295	2251510	+	2	216	ATG	TAA	0	0	
mORF_+_2251354	2251354	2251437	+	1	84	TTG	TAA	0	0	
mORF_+_2251444	2251444	2251461	+	1	18	TTG	TGA	0	0	
mORF_+_2251498	2251498	2251647	+	1	150	TTG	TAA	0	0	
mORF_+_2251626	2251626	2251820	+	3	195	ATG	TAG	0	0	
mORF_+_2251690	2251690	2251728	+	1	39	TTG	TGA	0	0	
mORF_+_2251706	2251706	2251741	+	2	36	TTG	TGA	0	0	
mORF_+_2251738	2251738	2251755	+	1	18	ATG	TGA	0	0	
mORF_+_2251762	2251762	2251845	+	1	84	ATG	TGA	0	0	
mORF_+_2251842	2251842	2252222	+	3	381	GTG	TAG	0	0	
mORF_+_2251855	2251855	2251872	+	1	18	TTG	TGA	0	0	
mORF_+_2251942	2251942	2252034	+	1	93	ATG	TAA	0	0	
mORF_+_2251976	2251976	2252023	+	2	48	ATG	TAA	0	0	
mORF_+_2252183	2252183	2252308	+	2	126	ATG	TAA	0	0	
mORF_+_2252191	2252191	2252280	+	1	90	TTG	TGA	0	0	
mORF_+_2252277	2252277	2252285	+	3	9	TTG	TAG	0	0	
mORF_+_2252334	2252334	2252402	+	3	69	GTG	TAG	0	0	
mORF_+_2252415	2252415	2252474	+	3	60	TTG	TAA	0	0	
mORF_+_2252478	2252478	2252519	+	3	42	ATG	TAG	0	0	
mORF_+_2252492	2252492	2252659	+	2	168	GTG	TAA	0	0	
mORF_+_2252535	2252535	2252750	+	3	216	TTG	TAA	1	7	pORF_+_2252535
mORF_+_2252659	2252659	2252676	+	1	18	ATG	TGA	0	0	
mORF_+_2252686	2252686	2252715	+	1	30	GTG	TGA	0	0	
mORF_+_2252725	2252725	2252733	+	1	9	ATG	TGA	0	0	
mORF_+_2252781	2252781	2252903	+	3	123	TTG	TGA	0	0	
mORF_+_2252798	2252798	2252827	+	2	30	TTG	TGA	0	0	
mORF_+_2252809	2252809	2252853	+	1	45	TTG	TGA	0	0	
mORF_+_2252866	2252866	2252886	+	1	21	TTG	TGA	0	0	
mORF_+_2252900	2252900	2253070	+	2	171	ATG	TAA	1	5	pORF_+_2252900
mORF_+_2252904	2252904	2252966	+	3	63	GTG	TGA	0	0	
mORF_+_2252997	2252997	2253020	+	3	24	ATG	TAA	0	0	
mORF_+_2253070	2253070	2253105	+	1	36	ATG	TAG	0	0	
mORF_+_2253105	2253105	2253170	+	3	66	GTG	TGA	0	0	
mORF_+_2253124	2253124	2253153	+	1	30	TTG	TAG	0	0	
mORF_+_2253131	2253131	2253280	+	2	150	ATG	TGA	0	0	
mORF_+_2253208	2253208	2253276	+	1	69	TTG	TGA	0	0	
mORF_+_2253231	2253231	2253287	+	3	57	TTG	TAA	0	0	
mORF_+_2253277	2253277	2253357	+	1	81	TTG	TAA	0	0	
mORF_+_2253338	2253338	2254036	+	2	699	GTG	TAA	0	0	
mORF_+_2253357	2253357	2253377	+	3	21	ATG	TGA	0	0	
mORF_+_2253381	2253381	2253410	+	3	30	GTG	TAA	0	0	
mORF_+_2253400	2253400	2253456	+	1	57	TTG	TGA	0	0	
mORF_+_2253414	2253414	2253449	+	3	36	ATG	TAG	0	0	
mORF_+_2253453	2253453	2253503	+	3	51	GTG	TGA	0	0	

mORF_+_2253540	2253540	2253557	+	3	18	ATG	TGA	0	0
mORF_+_2253567	2253567	2253602	+	3	36	TTG	TAA	0	0
mORF_+_2253615	2253615	2253671	+	3	57	ATG	TGA	0	0
mORF_+_2253646	2253646	2253741	+	1	96	GTG	TAA	0	0
mORF_+_2253756	2253756	2253767	+	3	12	TTG	TAA	0	0
mORF_+_2253831	2253831	2253875	+	3	45	GTG	TAG	0	0
mORF_+_2253900	2253900	2253935	+	3	36	ATG	TAA	0	0
mORF_+_2254058	2254058	2254123	+	2	66	TTG	TAA	0	0
mORF_+_2254065	2254065	2254184	+	3	120	ATG	TAA	0	0
mORF_+_2254153	2254153	2254356	+	1	204	TTG	TAA	0	0
mORF_+_2254163	2254163	2254225	+	2	63	TTG	TAG	0	0
mORF_+_2254232	2254232	2254255	+	2	24	ATG	TAG	0	0
mORF_+_2254329	2254329	2254592	+	3	264	TTG	TAG	0	0
mORF_+_2254337	2254337	2254372	+	2	36	ATG	TAA	0	0
mORF_+_2254408	2254408	2254461	+	1	54	TTG	TAG	0	0
mORF_+_2254448	2254448	2254522	+	2	75	GTG	TAA	0	0
mORF_+_2254486	2254486	2254758	+	1	273	TTG	TAG	0	0
mORF_+_2254544	2254544	2254627	+	2	84	TTG	TAA	0	0
mORF_+_2254634	2254634	2254651	+	2	18	TTG	TGA	0	0
mORF_+_2254667	2254667	2254672	+	2	6	ATG	TGA	0	0
mORF_+_2254688	2254688	2254699	+	2	12	TTG	TAA	0	0
mORF_+_2254706	2254706	2254837	+	2	132	GTG	TAA	0	0
mORF_+_2254807	2254807	2255010	+	1	204	ATG	TAG	0	0
mORF_+_2254896	2254896	2255177	+	3	282	TTG	TAA	0	0
mORF_+_2255023	2255023	2255154	+	1	132	ATG	TAA	0	0
mORF_+_2255177	2255177	2255224	+	2	48	ATG	TGA	0	0
mORF_+_2255221	2255221	2255382	+	1	162	ATG	TAA	0	0
mORF_+_2255241	2255241	2255297	+	3	57	TTG	TGA	0	0
mORF_+_2255252	2255252	2255278	+	2	27	GTG	TGA	0	0
mORF_+_2255306	2255306	2255359	+	2	54	ATG	TAA	0	0
mORF_+_2255373	2255373	2255837	+	3	465	ATG	TAA	0	0
mORF_+_2255404	2255404	2255454	+	1	51	TTG	TAA	0	0
mORF_+_2255476	2255476	2255607	+	1	132	TTG	TGA	0	0
mORF_+_2255576	2255576	2255599	+	2	24	ATG	TGA	0	0
mORF_+_2255644	2255644	2255826	+	1	183	TTG	TGA	0	0
mORF_+_2255735	2255735	2255776	+	2	42	TTG	TGA	0	0
mORF_+_2255866	2255866	2256282	+	1	417	GTG	TGA	0	0
mORF_+_2255927	2255927	2256016	+	2	90	TTG	TAA	0	0
mORF_+_2255937	2255937	2256047	+	3	111	TTG	TGA	0	0
mORF_+_2256044	2256044	2256109	+	2	66	TTG	TAA	0	0
mORF_+_2256123	2256123	2256143	+	3	21	ATG	TAA	0	0
mORF_+_2256245	2256245	2256289	+	2	45	TTG	TAA	0	0
mORF_+_2256261	2256261	2256329	+	3	69	TTG	TAA	0	0
mORF_+_2256289	2256289	2256414	+	1	126	ATG	TAA	0	0
mORF_+_2256354	2256354	2256359	+	3	6	TTG	TAA	0	0
mORF_+_2256417	2256417	2256629	+	3	213	TTG	TAA	0	0
mORF_+_2256466	2256466	2256567	+	1	102	TTG	TAA	0	0
mORF_+_2256648	2256648	2256680	+	3	33	ATG	TGA	0	0
mORF_+_2256674	2256674	2256721	+	2	48	ATG	TGA	0	0
mORF_+_2256700	2256700	2256768	+	1	69	TTG	TGA	0	0
mORF_+_2256765	2256765	2256782	+	3	18	TTG	TGA	0	0
mORF_+_2256773	2256773	2256787	+	2	15	GTG	TAG	0	0
mORF_+_2256801	2256801	2256923	+	3	123	TTG	TGA	0	0
mORF_+_2256814	2256814	2256888	+	1	75	ATG	TGA	0	0
mORF_+_2256913	2256913	2256927	+	1	15	TTG	TAA	0	0
mORF_+_2256935	2256935	2257021	+	2	87	GTG	TAA	0	0
mORF_+_2256940	2256940	2256960	+	1	21	GTG	TAA	0	0
mORF_+_2256966	2256966	2257031	+	3	66	TTG	TAA	0	0
mORF_+_2257021	2257021	2257209	+	1	189	ATG	TAA	0	0
mORF_+_2257085	2257085	2257102	+	2	18	TTG	TAG	0	0
mORF_+_2257089	2257089	2257112	+	3	24	TTG	TGA	0	0
mORF_+_2257109	2257109	2257144	+	2	36	TTG	TAG	0	0
mORF_+_2257152	2257152	2257241	+	3	90	TTG	TAA	0	0

mORF_+_2257175	2257175	2257231	+	2	57	TTG	TGA	0	0
mORF_+_2257228	2257228	2257293	+	1	66	TTG	TAA	0	0
mORF_+_2257253	2257253	2257258	+	2	6	ATG	TGA	0	0
mORF_+_2257393	2257393	2257422	+	1	30	ATG	TAG	0	0
mORF_+_2257395	2257395	2257445	+	3	51	GTG	TAA	0	0
mORF_+_2257424	2257424	2257510	+	2	87	ATG	TGA	0	0
mORF_+_2257476	2257476	2257502	+	3	27	TTG	TAA	0	0
mORF_+_2257503	2257503	2257559	+	3	57	ATG	TAA	0	0
mORF_+_2257529	2257529	2257534	+	2	6	TTG	TGA	0	0
mORF_+_2257531	2257531	2257587	+	1	57	GTG	TGA	0	0
mORF_+_2257584	2257584	2257595	+	3	12	TTG	TAA	0	0
mORF_+_2257601	2257601	2257648	+	2	48	GTG	TAA	0	0
mORF_+_2257605	2257605	2257619	+	3	15	TTG	TGA	0	0
mORF_+_2257685	2257685	2257729	+	2	45	TTG	TAA	0	0
mORF_+_2257698	2257698	2257823	+	3	126	ATG	TAA	0	0
mORF_+_2257824	2257824	2257853	+	3	30	TTG	TAA	0	0
mORF_+_2257888	2257888	2257923	+	1	36	GTG	TGA	0	0
mORF_+_2257893	2257893	2258015	+	3	123	GTG	TGA	0	0
mORF_+_2258012	2258012	2258155	+	2	144	ATG	TAG	0	0
mORF_+_2258088	2258088	2258135	+	3	48	TTG	TAA	0	0
mORF_+_2258158	2258158	2258373	+	1	216	TTG	TAG	0	0
mORF_+_2258184	2258184	2258381	+	3	198	ATG	TGA	0	0
mORF_+_2258198	2258198	2258293	+	2	96	TTG	TGA	0	0
mORF_+_2258309	2258309	2258338	+	2	30	ATG	TAG	0	0
mORF_+_2258378	2258378	2258452	+	2	75	ATG	TAA	0	0
mORF_+_2258412	2258412	2258435	+	3	24	GTG	TGA	0	0
mORF_+_2258425	2258425	2258439	+	1	15	TTG	TAA	0	0
mORF_+_2258483	2258483	2258572	+	2	90	ATG	TAA	0	0
mORF_+_2258723	2258723	2258728	+	2	6	ATG	TAA	0	0
mORF_+_2258746	2258746	2259456	+	1	711	GTG	TAA	0	0
mORF_+_2258754	2258754	2258882	+	3	129	ATG	TAG	0	0
mORF_+_2258783	2258783	2258797	+	2	15	GTG	TGA	0	0
mORF_+_2258801	2258801	2259172	+	2	372	TTG	TAA	0	0
mORF_+_2258982	2258982	2259074	+	3	93	TTG	TAA	0	0
mORF_+_2259081	2259081	2259332	+	3	252	GTG	TGA	0	0
mORF_+_2259188	2259188	2259385	+	2	198	TTG	TAG	0	0
mORF_+_2259342	2259342	2259407	+	3	66	TTG	TAG	0	0
mORF_+_2259434	2259434	2259466	+	2	33	ATG	TAA	0	0
mORF_+_2259484	2259484	2259510	+	1	27	TTG	TAA	0	0
mORF_+_2259519	2259519	2259527	+	3	9	TTG	TGA	0	0
mORF_+_2259524	2259524	2259658	+	2	135	TTG	TGA	0	0
mORF_+_2259565	2259565	2259621	+	1	57	GTG	TAG	0	0
mORF_+_2259567	2259567	2259602	+	3	36	GTG	TAA	0	0
mORF_+_2259639	2259639	2259911	+	3	273	GTG	TGA	0	0
mORF_+_2259661	2259661	2259693	+	1	33	GTG	TAA	0	0
mORF_+_2259718	2259718	2259726	+	1	9	GTG	TAA	0	0
mORF_+_2259731	2259731	2259754	+	2	24	ATG	TAG	0	0
mORF_+_2259758	2259758	2259871	+	2	114	ATG	TAA	0	0
mORF_+_2259760	2259760	2259831	+	1	72	GTG	TAG	0	0
mORF_+_2259847	2259847	2259897	+	1	51	GTG	TAA	0	0
mORF_+_2259936	2259936	2259998	+	3	63	GTG	TGA	0	0
mORF_+_2260047	2260047	2260178	+	3	132	GTG	TGA	0	0
mORF_+_2260172	2260172	2260243	+	2	72	TTG	TAA	0	0
mORF_+_2260191	2260191	2260349	+	3	159	TTG	TAA	0	0
mORF_+_2260277	2260277	2260483	+	2	207	ATG	TGA	0	0
mORF_+_2260362	2260362	2260418	+	3	57	GTG	TAG	0	0
mORF_+_2260428	2260428	2260469	+	3	42	TTG	TAA	0	0
mORF_+_2260480	2260480	2260662	+	1	183	ATG	TAA	0	0
mORF_+_2260500	2260500	2260568	+	3	69	GTG	TAA	0	0
mORF_+_2260538	2260538	2260792	+	2	255	TTG	TGA	0	0
mORF_+_2260710	2260710	2260775	+	3	66	TTG	TAA	0	0
mORF_+_2260820	2260820	2261017	+	2	198	ATG	TGA	0	0
mORF_+_2260854	2260854	2260949	+	3	96	TTG	TGA	0	0

mORF_+_2260939	2260939	2261106	+	1	168	TTG	TAA	0	0	
mORF_+_2261049	2261049	2261264	+	3	216	GTG	TGA	0	0	
mORF_+_2261063	2261063	2261248	+	2	186	TTG	TGA	0	0	
mORF_+_2261143	2261143	2261190	+	1	48	TTG	TAG	0	0	
mORF_+_2261200	2261200	2261367	+	1	168	ATG	TGA	0	0	
mORF_+_2261261	2261261	2261281	+	2	21	GTG	TGA	0	0	
mORF_+_2261318	2261318	2261404	+	2	87	GTG	TAG	0	0	
mORF_+_2261334	2261334	2261342	+	3	9	GTG	TAG	0	0	
mORF_+_2261364	2261364	2261399	+	3	36	TTG	TGA	0	0	
mORF_+_2261371	2261371	2261508	+	1	138	TTG	TAA	0	0	
mORF_+_2261465	2261465	2261536	+	2	72	TTG	TGA	0	0	
mORF_+_2261530	2261530	2261541	+	1	12	TTG	TGA	0	0	
mORF_+_2261538	2261538	2261585	+	3	48	TTG	TAG	0	0	
mORF_+_2261557	2261557	2261628	+	1	72	ATG	TAA	0	0	
mORF_+_2261666	2261666	2261713	+	2	48	ATG	TAA	0	0	
mORF_+_2261683	2261683	2261814	+	1	132	GTG	TGA	0	0	
mORF_+_2261714	2261714	2261782	+	2	69	TTG	TGA	0	0	
mORF_+_2261784	2261784	2261795	+	3	12	ATG	TGA	0	0	
mORF_+_2261792	2261792	2261875	+	2	84	TTG	TGA	0	0	
mORF_+_2261802	2261802	2261930	+	3	129	GTG	TGA	0	0	
mORF_+_2261872	2261872	2261892	+	1	21	GTG	TAA	0	0	
mORF_+_2261885	2261885	2263066	+	2	1182	ATG	TAA	0	0	
mORF_+_2261952	2261952	2262086	+	3	135	TTG	TAA	0	0	
mORF_+_2262138	2262138	2262158	+	3	21	TTG	TAG	0	0	
mORF_+_2262145	2262145	2262231	+	1	87	TTG	TAG	0	0	
mORF_+_2262180	2262180	2262311	+	3	132	TTG	TGA	0	0	
mORF_+_2262349	2262349	2262525	+	1	177	ATG	TAA	0	0	
mORF_+_2262357	2262357	2262383	+	3	27	TTG	TAG	0	0	
mORF_+_2262435	2262435	2262449	+	3	15	TTG	TGA	0	0	
mORF_+_2262549	2262549	2262566	+	3	18	TTG	TGA	0	0	
mORF_+_2262556	2262556	2262726	+	1	171	TTG	TAA	0	0	
mORF_+_2262648	2262648	2262653	+	3	6	GTG	TGA	0	0	
mORF_+_2262696	2262696	2262737	+	3	42	TTG	TAA	0	0	
mORF_+_2262744	2262744	2262785	+	3	42	TTG	TGA	0	0	
mORF_+_2262828	2262828	2262884	+	3	57	ATG	TGA	0	0	
mORF_+_2263008	2263008	2263019	+	3	12	TTG	TGA	0	0	
mORF_+_2263039	2263039	2263056	+	1	18	TTG	TAA	0	0	
mORF_+_2263059	2263059	2263094	+	3	36	ATG	TAA	0	0	
mORF_+_2263103	2263103	2263114	+	2	12	ATG	TGA	0	0	
mORF_+_2263144	2263144	2263149	+	1	6	TTG	TAA	0	0	
mORF_+_2263173	2263173	2263184	+	3	12	GTG	TGA	0	0	
mORF_+_2263181	2263181	2263216	+	2	36	GTG	TGA	0	0	
mORF_+_2263198	2263198	2263275	+	1	78	TTG	TGA	0	0	
mORF_+_2263217	2263217	2264044	+	2	828	ATG	TAA	26	972	pORF_+_2263217
mORF_+_2263272	2263272	2263511	+	3	240	TTG	TGA	0	0	
mORF_+_2263321	2263321	2263332	+	1	12	TTG	TAA	0	0	
mORF_+_2263375	2263375	2263446	+	1	72	TTG	TGA	0	0	
mORF_+_2263545	2263545	2263622	+	3	78	TTG	TGA	0	0	
mORF_+_2263644	2263644	2263667	+	3	24	GTG	TGA	0	0	
mORF_+_2263686	2263686	2263826	+	3	141	TTG	TGA	0	0	
mORF_+_2263851	2263851	2263946	+	3	96	TTG	TGA	0	0	
mORF_+_2264034	2264034	2264162	+	3	129	GTG	TGA	0	0	
mORF_+_2264155	2264155	2264187	+	1	33	TTG	TAA	0	0	
mORF_+_2264159	2264159	2264254	+	2	96	TTG	TAA	0	0	
mORF_+_2264258	2264258	2265733	+	2	1476	GTG	TAA	0	0	
mORF_+_2264301	2264301	2264396	+	3	96	ATG	TGA	0	0	
mORF_+_2264403	2264403	2264411	+	3	9	GTG	TGA	0	0	
mORF_+_2264412	2264412	2264471	+	3	60	ATG	TGA	0	0	
mORF_+_2264520	2264520	2264540	+	3	21	GTG	TGA	0	0	
mORF_+_2264544	2264544	2264591	+	3	48	TTG	TAG	0	0	
mORF_+_2264563	2264563	2264571	+	1	9	ATG	TAA	0	0	
mORF_+_2264601	2264601	2264642	+	3	42	TTG	TGA	0	0	
mORF_+_2264611	2264611	2264670	+	1	60	TTG	TGA	0	0	

mORF_+_2264667	2264667	2264774	+	3	108	TTG	TGA	0	0	
mORF_+_2264784	2264784	2264852	+	3	69	GTG	TGA	0	0	
mORF_+_2264902	2264902	2265009	+	1	108	GTG	TGA	0	0	
mORF_+_2264949	2264949	2265005	+	3	57	TTG	TGA	0	0	
mORF_+_2265006	2265006	2265110	+	3	105	ATG	TGA	0	0	
mORF_+_2265043	2265043	2265060	+	1	18	GTG	TAA	0	0	
mORF_+_2265111	2265111	2265137	+	3	27	ATG	TGA	0	0	
mORF_+_2265124	2265124	2265153	+	1	30	ATG	TAA	0	0	
mORF_+_2265153	2265153	2265257	+	3	105	ATG	TAA	0	0	
mORF_+_2265214	2265214	2265267	+	1	54	TTG	TGA	0	0	
mORF_+_2265264	2265264	2265305	+	3	42	ATG	TAA	0	0	
mORF_+_2265312	2265312	2265326	+	3	15	ATG	TAA	0	0	
mORF_+_2265327	2265327	2265353	+	3	27	TTG	TGA	0	0	
mORF_+_2265381	2265381	2265467	+	3	87	ATG	TAG	0	0	
mORF_+_2265471	2265471	2265593	+	3	123	TTG	TAA	0	0	
mORF_+_2265612	2265612	2265716	+	3	105	GTG	TAA	0	0	
mORF_+_2265755	2265755	2265814	+	2	60	ATG	TAA	0	0	
mORF_+_2265838	2265838	2265927	+	1	90	TTG	TAA	0	0	
mORF_+_2265849	2265849	2265854	+	3	6	TTG	TGA	0	0	
mORF_+_2265851	2265851	2266837	+	2	987	GTG	TAA	6	13	pORF_+_2265851
mORF_+_2265943	2265943	2265960	+	1	18	ATG	TAA	0	0	
mORF_+_2265960	2265960	2266019	+	3	60	ATG	TGA	0	0	
mORF_+_2266042	2266042	2266053	+	1	12	GTG	TAA	0	0	
mORF_+_2266053	2266053	2266073	+	3	21	ATG	TAG	0	0	
mORF_+_2266179	2266179	2266193	+	3	15	ATG	TAG	0	0	
mORF_+_2266186	2266186	2266260	+	1	75	GTG	TGA	0	0	
mORF_+_2266257	2266257	2266385	+	3	129	ATG	TAA	0	0	
mORF_+_2266351	2266351	2266395	+	1	45	TTG	TGA	0	0	
mORF_+_2266392	2266392	2266445	+	3	54	GTG	TAG	0	0	
mORF_+_2266482	2266482	2266490	+	3	9	ATG	TGA	0	0	
mORF_+_2266611	2266611	2266763	+	3	153	TTG	TGA	0	0	
mORF_+_2266624	2266624	2266710	+	1	87	ATG	TGA	0	0	
mORF_+_2266788	2266788	2266811	+	3	24	ATG	TGA	0	0	
mORF_+_2266840	2266840	2267589	+	1	750	TTG	TAA	0	0	
mORF_+_2266913	2266913	2267050	+	2	138	TTG	TGA	0	0	
mORF_+_2267034	2267034	2267258	+	3	225	GTG	TAA	0	0	
mORF_+_2267156	2267156	2267176	+	2	21	TTG	TAA	0	0	
mORF_+_2267294	2267294	2267332	+	2	39	ATG	TGA	0	0	
mORF_+_2267358	2267358	2267456	+	3	99	GTG	TGA	0	0	
mORF_+_2267378	2267378	2267431	+	2	54	TTG	TAA	0	0	
mORF_+_2267435	2267435	2267476	+	2	42	TTG	TGA	0	0	
mORF_+_2267522	2267522	2267533	+	2	12	GTG	TAA	0	0	
mORF_+_2267543	2267543	2267599	+	2	57	TTG	TAA	0	0	
mORF_+_2267626	2267626	2267697	+	1	72	GTG	TGA	0	0	
mORF_+_2267694	2267694	2267732	+	3	39	ATG	TAA	0	0	
mORF_+_2267698	2267698	2267736	+	1	39	ATG	TGA	0	0	
mORF_+_2267733	2267733	2267753	+	3	21	TTG	TAA	0	0	
mORF_+_2267785	2267785	2267790	+	1	6	ATG	TAA	0	0	
mORF_+_2267836	2267836	2267850	+	1	15	TTG	TAG	0	0	
mORF_+_2267873	2267873	2267902	+	2	30	TTG	TAA	0	0	
mORF_+_2267875	2267875	2267883	+	1	9	GTG	TAG	0	0	
mORF_+_2267893	2267893	2267928	+	1	36	TTG	TAA	0	0	
mORF_+_2267907	2267907	2267960	+	3	54	TTG	TAA	0	0	
mORF_+_2267944	2267944	2267976	+	1	33	TTG	TAA	0	0	
mORF_+_2267967	2267967	2268083	+	3	117	TTG	TAG	0	0	
mORF_+_2268001	2268001	2268567	+	1	567	ATG	TAA	1	3	pORF_+_2268001
mORF_+_2268053	2268053	2268061	+	2	9	TTG	TAG	0	0	
mORF_+_2268083	2268083	2268199	+	2	117	GTG	TAA	0	0	
mORF_+_2268221	2268221	2268325	+	2	105	ATG	TAG	0	0	
mORF_+_2268279	2268279	2268311	+	3	33	TTG	TGA	0	0	
mORF_+_2268395	2268395	2268403	+	2	9	GTG	TAG	0	0	
mORF_+_2268413	2268413	2268508	+	2	96	GTG	TGA	0	0	
mORF_+_2268509	2268509	2268610	+	2	102	ATG	TAA	0	0	

mORF_+_2268576	2268576	2268602	+	3	27	TTG	TGA	0	0	
mORF_+_2268580	2268580	2268627	+	1	48	ATG	TAG	0	0	
mORF_+_2268631	2268631	2268714	+	1	84	GTG	TAA	0	0	
mORF_+_2268639	2268639	2268680	+	3	42	TTG	TGA	0	0	
mORF_+_2268677	2268677	2268811	+	2	135	TTG	TAA	0	0	
mORF_+_2268715	2268715	2268726	+	1	12	ATG	TAA	0	0	
mORF_+_2268748	2268748	2270304	+	1	1557	ATG	TAA	0	0	
mORF_+_2268815	2268815	2268829	+	2	15	TTG	TGA	0	0	
mORF_+_2268831	2268831	2268860	+	3	30	TTG	TAA	0	0	
mORF_+_2268920	2268920	2268931	+	2	12	TTG	TGA	0	0	
mORF_+_2269022	2269022	2269045	+	2	24	ATG	TGA	0	0	
mORF_+_2269079	2269079	2269108	+	2	30	GTG	TGA	0	0	
mORF_+_2269232	2269232	2269243	+	2	12	TTG	TGA	0	0	
mORF_+_2269295	2269295	2269351	+	2	57	ATG	TGA	0	0	
mORF_+_2269385	2269385	2269414	+	2	30	GTG	TGA	0	0	
mORF_+_2269427	2269427	2269483	+	2	57	ATG	TGA	0	0	
mORF_+_2269443	2269443	2269694	+	3	252	ATG	TAA	0	0	
mORF_+_2269484	2269484	2269519	+	2	36	GTG	TGA	0	0	
mORF_+_2269682	2269682	2269717	+	2	36	ATG	TGA	0	0	
mORF_+_2269718	2269718	2269729	+	2	12	TTG	TGA	0	0	
mORF_+_2269742	2269742	2269750	+	2	9	TTG	TAA	0	0	
mORF_+_2269751	2269751	2269774	+	2	24	TTG	TAG	0	0	
mORF_+_2269802	2269802	2269930	+	2	129	TTG	TGA	0	0	
mORF_+_2269985	2269985	2270056	+	2	72	TTG	TGA	0	0	
mORF_+_2270060	2270060	2270128	+	2	69	TTG	TGA	0	0	
mORF_+_2270159	2270159	2270200	+	2	42	TTG	TAA	0	0	
mORF_+_2270193	2270193	2270216	+	3	24	ATG	TAA	0	0	
mORF_+_2270264	2270264	2270278	+	2	15	TTG	TAA	0	0	
mORF_+_2270298	2270298	2270333	+	3	36	GTG	TAG	0	0	
mORF_+_2270306	2270306	2270368	+	2	63	GTG	TAA	0	0	
mORF_+_2270308	2270308	2270358	+	1	51	GTG	TAA	0	0	
mORF_+_2270349	2270349	2270501	+	3	153	TTG	TAA	0	0	
mORF_+_2270380	2270380	2272200	+	1	1821	TTG	TAG	8	19	pORF_+_2270380
mORF_+_2270390	2270390	2270524	+	2	135	TTG	TGA	0	0	
mORF_+_2270543	2270543	2270554	+	2	12	GTG	TAA	0	0	
mORF_+_2270594	2270594	2270689	+	2	96	ATG	TGA	0	0	
mORF_+_2270690	2270690	2270794	+	2	105	TTG	TAG	0	0	
mORF_+_2270873	2270873	2270884	+	2	12	TTG	TAA	0	0	
mORF_+_2270894	2270894	2270902	+	2	9	TTG	TAG	0	0	
mORF_+_2271008	2271008	2271073	+	2	66	TTG	TGA	0	0	
mORF_+_2271107	2271107	2271397	+	2	291	GTG	TGA	0	0	
mORF_+_2271309	2271309	2271323	+	3	15	TTG	TAA	0	0	
mORF_+_2271390	2271390	2271587	+	3	198	ATG	TGA	0	0	
mORF_+_2271416	2271416	2271511	+	2	96	ATG	TGA	0	0	
mORF_+_2271572	2271572	2271598	+	2	27	ATG	TAA	0	0	
mORF_+_2271656	2271656	2271829	+	2	174	ATG	TGA	0	0	
mORF_+_2271717	2271717	2271785	+	3	69	GTG	TAA	0	0	
mORF_+_2271840	2271840	2271914	+	3	75	ATG	TAA	0	0	
mORF_+_2271914	2271914	2271952	+	2	39	ATG	TGA	0	0	
mORF_+_2271965	2271965	2272027	+	2	63	TTG	TAA	0	0	
mORF_+_2272029	2272029	2272091	+	3	63	GTG	TAA	0	0	
mORF_+_2272143	2272143	2272151	+	3	9	GTG	TGA	0	0	
mORF_+_2272148	2272148	2272216	+	2	69	ATG	TGA	0	0	
mORF_+_2272201	2272201	2273295	+	1	1095	ATG	TAA	1	2	pORF_+_2272201
mORF_+_2272248	2272248	2272328	+	3	81	ATG	TGA	0	0	
mORF_+_2272286	2272286	2272444	+	2	159	TTG	TAG	0	0	
mORF_+_2272484	2272484	2272579	+	2	96	TTG	TGA	0	0	
mORF_+_2272623	2272623	2272685	+	3	63	GTG	TAA	0	0	
mORF_+_2272685	2272685	2272768	+	2	84	ATG	TGA	0	0	
mORF_+_2272769	2272769	2272909	+	2	141	TTG	TGA	0	0	
mORF_+_2272848	2272848	2272958	+	3	111	GTG	TGA	0	0	
mORF_+_2272910	2272910	2272930	+	2	21	TTG	TGA	0	0	
mORF_+_2272955	2272955	2272984	+	2	30	TTG	TGA	0	0	

mORF_+_2272991	2272991	2273005	+	2	15	GTG	TAA	0	0	
mORF_+_2273006	2273006	2273059	+	2	54	GTG	TGA	0	0	
mORF_+_2273060	2273060	2273113	+	2	54	TTG	TGA	0	0	
mORF_+_2273114	2273114	2273122	+	2	9	TTG	TGA	0	0	
mORF_+_2273135	2273135	2273188	+	2	54	ATG	TAA	0	0	
mORF_+_2273192	2273192	2273218	+	2	27	TTG	TGA	0	0	
mORF_+_2273219	2273219	2273233	+	2	15	TTG	TGA	0	0	
mORF_+_2273237	2273237	2273347	+	2	111	TTG	TAA	0	0	
mORF_+_2273295	2273295	2274320	+	3	1026	ATG	TAG	0	0	
mORF_+_2273369	2273369	2273410	+	2	42	ATG	TGA	0	0	
mORF_+_2273389	2273389	2273397	+	1	9	TTG	TGA	0	0	
mORF_+_2273446	2273446	2273475	+	1	30	ATG	TGA	0	0	
mORF_+_2273456	2273456	2273524	+	2	69	TTG	TGA	0	0	
mORF_+_2273497	2273497	2273544	+	1	48	TTG	TGA	0	0	
mORF_+_2273537	2273537	2273563	+	2	27	GTG	TAA	0	0	
mORF_+_2273576	2273576	2273626	+	2	51	GTG	TAA	0	0	
mORF_+_2273593	2273593	2273739	+	1	147	TTG	TGA	0	0	
mORF_+_2273833	2273833	2273868	+	1	36	TTG	TGA	0	0	
mORF_+_2273840	2273840	2273899	+	2	60	ATG	TAA	0	0	
mORF_+_2273906	2273906	2273986	+	2	81	GTG	TAA	0	0	
mORF_+_2273932	2273932	2273943	+	1	12	TTG	TGA	0	0	
mORF_+_2274001	2274001	2274114	+	1	114	GTG	TAA	0	0	
mORF_+_2274101	2274101	2274106	+	2	6	ATG	TAG	0	0	
mORF_+_2274175	2274175	2274267	+	1	93	GTG	TGA	0	0	
mORF_+_2274215	2274215	2274280	+	2	66	GTG	TGA	0	0	
mORF_+_2274274	2274274	2275911	+	1	1638	TTG	TGA	2	2	pORF_+_2274274
mORF_+_2274344	2274344	2274394	+	2	51	TTG	TAG	0	0	
mORF_+_2274398	2274398	2274610	+	2	213	ATG	TGA	0	0	
mORF_+_2274668	2274668	2274772	+	2	105	ATG	TGA	0	0	
mORF_+_2274821	2274821	2274838	+	2	18	TTG	TAA	0	0	
mORF_+_2274857	2274857	2274940	+	2	84	TTG	TGA	0	0	
mORF_+_2274977	2274977	2275009	+	2	33	TTG	TAA	0	0	
mORF_+_2275025	2275025	2275198	+	2	174	GTG	TGA	0	0	
mORF_+_2275205	2275205	2275228	+	2	24	TTG	TGA	0	0	
mORF_+_2275256	2275256	2275273	+	2	18	GTG	TAG	0	0	
mORF_+_2275352	2275352	2275378	+	2	27	TTG	TAA	0	0	
mORF_+_2275475	2275475	2275537	+	2	63	TTG	TGA	0	0	
mORF_+_2275550	2275550	2275564	+	2	15	ATG	TAG	0	0	
mORF_+_2275604	2275604	2275642	+	2	39	GTG	TAA	0	0	
mORF_+_2275667	2275667	2275717	+	2	51	TTG	TGA	0	0	
mORF_+_2275784	2275784	2275834	+	2	51	TTG	TAG	0	0	
mORF_+_2275797	2275797	2276120	+	3	324	ATG	TAA	0	0	
mORF_+_2275862	2275862	2275906	+	2	45	TTG	TGA	0	0	
mORF_+_2275925	2275925	2275930	+	2	6	TTG	TAG	0	0	
mORF_+_2276057	2276057	2276215	+	2	159	ATG	TAG	0	0	
mORF_+_2276164	2276164	2276241	+	1	78	TTG	TGA	0	0	
mORF_+_2276238	2276238	2276354	+	3	117	TTG	TGA	0	0	
mORF_+_2276245	2276245	2276250	+	1	6	TTG	TAA	0	0	
mORF_+_2276293	2276293	2276385	+	1	93	TTG	TGA	0	0	
mORF_+_2276351	2276351	2276464	+	2	114	TTG	TAA	0	0	
mORF_+_2276367	2276367	2276390	+	3	24	GTG	TAA	0	0	
mORF_+_2276406	2276406	2276450	+	3	45	GTG	TAA	0	0	
mORF_+_2276416	2276416	2276478	+	1	63	TTG	TGA	0	0	
mORF_+_2276475	2276475	2276495	+	3	21	GTG	TGA	0	0	
mORF_+_2276492	2276492	2276590	+	2	99	TTG	TAG	0	0	
mORF_+_2276526	2276526	2276660	+	3	135	ATG	TGA	0	0	
mORF_+_2276632	2276632	2277024	+	1	393	ATG	TAA	0	0	
mORF_+_2276642	2276642	2276686	+	2	45	TTG	TAA	0	0	
mORF_+_2276705	2276705	2276794	+	2	90	ATG	TGA	0	0	
mORF_+_2276772	2276772	2276813	+	3	42	ATG	TGA	0	0	
mORF_+_2276810	2276810	2276890	+	2	81	ATG	TGA	0	0	
mORF_+_2276916	2276916	2276948	+	3	33	TTG	TAA	0	0	
mORF_+_2277048	2277048	2277086	+	3	39	GTG	TAA	0	0	

mORF_+_2277089	2277089	2277112	+	2	24	ATG	TGA	0	0	
mORF_+_2277127	2277127	2277132	+	1	6	ATG	TAG	0	0	
mORF_+_2277147	2277147	2277218	+	3	72	ATG	TAA	0	0	
mORF_+_2277178	2277178	2277192	+	1	15	GTG	TGA	0	0	
mORF_+_2277194	2277194	2277229	+	2	36	ATG	TAA	0	0	
mORF_+_2277245	2277245	2277367	+	2	123	TTG	TGA	0	0	
mORF_+_2277286	2277286	2277291	+	1	6	ATG	TAA	0	0	
mORF_+_2277291	2277291	2277596	+	3	306	ATG	TAA	0	0	
mORF_+_2277349	2277349	2277405	+	1	57	ATG	TAA	0	0	
mORF_+_2277427	2277427	2277486	+	1	60	ATG	TGA	0	0	
mORF_+_2277490	2277490	2277591	+	1	102	ATG	TAG	0	0	
mORF_+_2277497	2277497	2277631	+	2	135	TTG	TGA	0	0	
mORF_+_2277724	2277724	2277795	+	1	72	ATG	TGA	0	0	
mORF_+_2277765	2277765	2277842	+	3	78	ATG	TAA	0	0	
mORF_+_2277802	2277802	2277813	+	1	12	TTG	TAG	0	0	
mORF_+_2277903	2277903	2278094	+	3	192	ATG	TGA	0	0	
mORF_+_2277940	2277940	2277954	+	1	15	ATG	TGA	0	0	
mORF_+_2277973	2277973	2278113	+	1	141	ATG	TAG	0	0	
mORF_+_2277992	2277992	2278000	+	2	9	TTG	TAA	0	0	
mORF_+_2278091	2278091	2278144	+	2	54	GTG	TAA	0	0	
mORF_+_2278125	2278125	2278628	+	3	504	ATG	TAG	0	0	
mORF_+_2278144	2278144	2278161	+	1	18	ATG	TGA	0	0	
mORF_+_2278189	2278189	2278254	+	1	66	GTG	TAG	0	0	
mORF_+_2278262	2278262	2278312	+	2	51	TTG	TGA	0	0	
mORF_+_2278282	2278282	2278296	+	1	15	GTG	TAG	0	0	
mORF_+_2278309	2278309	2278323	+	1	15	TTG	TAA	0	0	
mORF_+_2278325	2278325	2278390	+	2	66	GTG	TGA	0	0	
mORF_+_2278351	2278351	2278362	+	1	12	TTG	TAA	0	0	
mORF_+_2278387	2278387	2278545	+	1	159	TTG	TGA	0	0	
mORF_+_2278481	2278481	2278489	+	2	9	GTG	TAA	0	0	
mORF_+_2278508	2278508	2278513	+	2	6	GTG	TGA	0	0	
mORF_+_2278654	2278654	2280414	+	1	1761	ATG	TAA	1	2	pORF_+_2278654
mORF_+_2278694	2278694	2278774	+	2	81	ATG	TGA	0	0	
mORF_+_2278799	2278799	2278903	+	2	105	GTG	TAA	0	0	
mORF_+_2278934	2278934	2278996	+	2	63	TTG	TGA	0	0	
mORF_+_2278997	2278997	2279065	+	2	69	TTG	TGA	0	0	
mORF_+_2279007	2279007	2279024	+	3	18	ATG	TGA	0	0	
mORF_+_2279171	2279171	2279224	+	2	54	ATG	TGA	0	0	
mORF_+_2279339	2279339	2279347	+	2	9	GTG	TGA	0	0	
mORF_+_2279396	2279396	2279419	+	2	24	TTG	TGA	0	0	
mORF_+_2279426	2279426	2279491	+	2	66	TTG	TGA	0	0	
mORF_+_2279522	2279522	2279530	+	2	9	ATG	TAA	0	0	
mORF_+_2279531	2279531	2279584	+	2	54	TTG	TGA	0	0	
mORF_+_2279594	2279594	2279647	+	2	54	TTG	TGA	0	0	
mORF_+_2279663	2279663	2279710	+	2	48	TTG	TAA	0	0	
mORF_+_2279703	2279703	2279717	+	3	15	TTG	TGA	0	0	
mORF_+_2279714	2279714	2279863	+	2	150	TTG	TGA	0	0	
mORF_+_2279832	2279832	2279867	+	3	36	TTG	TGA	0	0	
mORF_+_2279864	2279864	2280040	+	2	177	TTG	TAA	0	0	
mORF_+_2279892	2279892	2279900	+	3	9	ATG	TGA	0	0	
mORF_+_2279925	2279925	2279930	+	3	6	ATG	TGA	0	0	
mORF_+_2279952	2279952	2279966	+	3	15	TTG	TAA	0	0	
mORF_+_2280003	2280003	2280008	+	3	6	ATG	TGA	0	0	
mORF_+_2280101	2280101	2280130	+	2	30	ATG	TGA	0	0	
mORF_+_2280123	2280123	2280149	+	3	27	ATG	TGA	0	0	
mORF_+_2280146	2280146	2280166	+	2	21	ATG	TGA	0	0	
mORF_+_2280167	2280167	2280334	+	2	168	GTG	TGA	0	0	
mORF_+_2280356	2280356	2280430	+	2	75	GTG	TGA	0	0	
mORF_+_2280414	2280414	2280437	+	3	24	ATG	TAA	0	0	
mORF_+_2280427	2280427	2280513	+	1	87	TTG	TAG	0	0	
mORF_+_2280443	2280443	2280823	+	2	381	TTG	TAA	69	2439	pORF_+_2280443
mORF_+_2280582	2280582	2280683	+	3	102	GTG	TGA	0	0	
mORF_+_2280729	2280729	2280830	+	3	102	TTG	TGA	0	0	

mORF_+_2280824	2280824	2280841	+	2	18	TTG	TAA	0	0	
mORF_+_2280866	2280866	2281069	+	2	204	TTG	TAA	0	0	
mORF_+_2280897	2280897	2280965	+	3	69	TTG	TAA	0	0	
mORF_+_2280907	2280907	2280921	+	1	15	TTG	TAA	0	0	
mORF_+_2280966	2280966	2281130	+	3	165	TTG	TGA	0	0	
mORF_+_2281039	2281039	2281089	+	1	51	TTG	TAA	0	0	
mORF_+_2281135	2281135	2281200	+	1	66	GTG	TGA	0	0	
mORF_+_2281137	2281137	2281175	+	3	39	GTG	TAG	0	0	
mORF_+_2281197	2281197	2281286	+	3	90	GTG	TAG	0	0	
mORF_+_2281331	2281331	2281396	+	2	66	TTG	TAA	0	0	
mORF_+_2281333	2281333	2281347	+	1	15	GTG	TGA	0	0	
mORF_+_2281344	2281344	2281475	+	3	132	GTG	TAG	0	0	
mORF_+_2281479	2281479	2281538	+	3	60	GTG	TGA	0	0	
mORF_+_2281535	2281535	2281696	+	2	162	ATG	TAA	0	0	
mORF_+_2281539	2281539	2281553	+	3	15	TTG	TAA	0	0	
mORF_+_2281558	2281558	2281566	+	1	9	TTG	TGA	0	0	
mORF_+_2281563	2281563	2281643	+	3	81	TTG	TAG	0	0	
mORF_+_2281717	2281717	2281731	+	1	15	TTG	TAA	0	0	
mORF_+_2281732	2281732	2281800	+	1	69	ATG	TAA	0	0	
mORF_+_2281821	2281821	2281832	+	3	12	TTG	TAG	0	0	
mORF_+_2281838	2281838	2281888	+	2	51	ATG	TGA	0	0	
mORF_+_2281885	2281885	2281929	+	1	45	ATG	TGA	0	0	
mORF_+_2281926	2281926	2282114	+	3	189	TTG	TAA	0	0	
mORF_+_2281937	2281937	2282017	+	2	81	GTG	TAA	0	0	
mORF_+_2282033	2282033	2282062	+	2	30	ATG	TAA	0	0	
mORF_+_2282068	2282068	2282076	+	1	9	ATG	TAA	0	0	
mORF_+_2282116	2282116	2282253	+	1	138	ATG	TGA	0	0	
mORF_+_2282151	2282151	2282378	+	3	228	ATG	TAA	14	219	pORF_+_2282151
mORF_+_2282296	2282296	2282391	+	1	96	TTG	TAA	0	0	
mORF_+_2282398	2282398	2284158	+	1	1761	ATG	TGA	6	13	pORF_+_2282398
mORF_+_2282423	2282423	2282563	+	2	141	GTG	TAA	0	0	
mORF_+_2282448	2282448	2282711	+	3	264	TTG	TAG	0	0	
mORF_+_2282783	2282783	2282809	+	2	27	ATG	TGA	0	0	
mORF_+_2282840	2282840	2282887	+	2	48	TTG	TGA	0	0	
mORF_+_2282859	2282859	2283011	+	3	153	GTG	TAA	0	0	
mORF_+_2282951	2282951	2283034	+	2	84	ATG	TGA	0	0	
mORF_+_2283050	2283050	2283142	+	2	93	TTG	TAA	0	0	
mORF_+_2283179	2283179	2283190	+	2	12	ATG	TGA	0	0	
mORF_+_2283200	2283200	2283208	+	2	9	ATG	TGA	0	0	
mORF_+_2283251	2283251	2283286	+	2	36	TTG	TGA	0	0	
mORF_+_2283317	2283317	2283388	+	2	72	TTG	TAA	0	0	
mORF_+_2283437	2283437	2283733	+	2	297	ATG	TGA	0	0	
mORF_+_2283531	2283531	2283569	+	3	39	GTG	TAA	0	0	
mORF_+_2283582	2283582	2283605	+	3	24	GTG	TAA	0	0	
mORF_+_2283782	2283782	2283817	+	2	36	TTG	TAG	0	0	
mORF_+_2283854	2283854	2283862	+	2	9	ATG	TGA	0	0	
mORF_+_2283908	2283908	2284039	+	2	132	ATG	TGA	0	0	
mORF_+_2284073	2284073	2284087	+	2	15	GTG	TGA	0	0	
mORF_+_2284091	2284091	2284108	+	2	18	ATG	TAA	0	0	
mORF_+_2284191	2284191	2284364	+	3	174	TTG	TAA	0	0	
mORF_+_2284202	2284202	2284255	+	2	54	GTG	TAG	0	0	
mORF_+_2284265	2284265	2284372	+	2	108	ATG	TAA	0	0	
mORF_+_2284270	2284270	2284383	+	1	114	GTG	TGA	0	0	
mORF_+_2284380	2284380	2284439	+	3	60	GTG	TGA	0	0	
mORF_+_2284470	2284470	2284478	+	3	9	TTG	TAG	0	0	
mORF_+_2284490	2284490	2284501	+	2	12	ATG	TAA	0	0	
mORF_+_2284516	2284516	2284569	+	1	54	ATG	TAA	0	0	
mORF_+_2284572	2284572	2284619	+	3	48	TTG	TGA	0	0	
mORF_+_2284661	2284661	2284708	+	2	48	TTG	TAA	0	0	
mORF_+_2284671	2284671	2284676	+	3	6	ATG	TGA	0	0	
mORF_+_2284737	2284737	2284757	+	3	21	ATG	TAG	0	0	
mORF_+_2284744	2284744	2284776	+	1	33	TTG	TAA	0	0	
mORF_+_2284770	2284770	2284796	+	3	27	GTG	TAG	0	0	

mORF_+_2284844	2284844	2285314	+	2	471	ATG	TGA	0	0	
mORF_+_2284866	2284866	2284871	+	3	6	TTG	TAA	0	0	
mORF_+_2284885	2284885	2285184	+	1	300	TTG	TAA	1	4	pORF_+_2284885
mORF_+_2284902	2284902	2284955	+	3	54	TTG	TAG	0	0	
mORF_+_2285016	2285016	2285048	+	3	33	TTG	TGA	0	0	
mORF_+_2285160	2285160	2285213	+	3	54	GTG	TAA	0	0	
mORF_+_2285185	2285185	2285217	+	1	33	TTG	TAA	0	0	
mORF_+_2285250	2285250	2285531	+	3	282	GTG	TGA	0	0	
mORF_+_2285281	2285281	2285322	+	1	42	GTG	TAA	0	0	
mORF_+_2285324	2285324	2285653	+	2	330	TTG	TGA	0	0	
mORF_+_2285428	2285428	2285463	+	1	36	ATG	TAA	0	0	
mORF_+_2285524	2285524	2285538	+	1	15	TTG	TGA	0	0	
mORF_+_2285535	2285535	2285549	+	3	15	GTG	TGA	0	0	
mORF_+_2285589	2285589	2285879	+	3	291	TTG	TAA	0	0	
mORF_+_2285641	2285641	2285682	+	1	42	TTG	TAA	0	0	
mORF_+_2285689	2285689	2285721	+	1	33	TTG	TGA	0	0	
mORF_+_2285732	2285732	2285929	+	2	198	TTG	TGA	0	0	
mORF_+_2285866	2285866	2285898	+	1	33	TTG	TGA	0	0	
mORF_+_2285895	2285895	2286029	+	3	135	ATG	TGA	0	0	
mORF_+_2285941	2285941	2285961	+	1	21	TTG	TAG	0	0	
mORF_+_2286001	2286001	2286015	+	1	15	TTG	TGA	0	0	
mORF_+_2286031	2286031	2286102	+	1	72	ATG	TAG	0	0	
mORF_+_2286095	2286095	2286190	+	2	96	TTG	TGA	0	0	
mORF_+_2286102	2286102	2286182	+	3	81	GTG	TAA	0	0	
mORF_+_2286187	2286187	2286210	+	1	24	TTG	TAA	0	0	
mORF_+_2286212	2286212	2286256	+	2	45	TTG	TGA	0	0	
mORF_+_2286226	2286226	2286315	+	1	90	TTG	TAA	0	0	
mORF_+_2286342	2286342	2286353	+	3	12	GTG	TAA	0	0	
mORF_+_2286423	2286423	2286437	+	3	15	TTG	TGA	0	0	
mORF_+_2286448	2286448	2286486	+	1	39	TTG	TAA	0	0	
mORF_+_2286465	2286465	2286506	+	3	42	ATG	TGA	0	0	
mORF_+_2286517	2286517	2286537	+	1	21	ATG	TAA	0	0	
mORF_+_2286618	2286618	2286641	+	3	24	GTG	TAA	0	0	
mORF_+_2286660	2286660	2286695	+	3	36	TTG	TGA	0	0	
mORF_+_2286676	2286676	2286771	+	1	96	TTG	TAA	0	0	
mORF_+_2286692	2286692	2286718	+	2	27	TTG	TAA	0	0	
mORF_+_2286750	2286750	2286758	+	3	9	ATG	TGA	0	0	
mORF_+_2286806	2286806	2286916	+	2	111	ATG	TGA	0	0	
mORF_+_2286825	2286825	2286854	+	3	30	TTG	TAA	0	0	
mORF_+_2286913	2286913	2286978	+	1	66	TTG	TGA	0	0	
mORF_+_2286927	2286927	2287049	+	3	123	ATG	TAG	0	0	
mORF_+_2287003	2287003	2287026	+	1	24	TTG	TAA	0	0	
mORF_+_2287027	2287027	2287035	+	1	9	ATG	TGA	0	0	
mORF_+_2287090	2287090	2287152	+	1	63	GTG	TAA	0	0	
mORF_+_2287136	2287136	2287402	+	2	267	TTG	TAG	0	0	
mORF_+_2287162	2287162	2287416	+	1	255	TTG	TGA	0	0	
mORF_+_2287233	2287233	2287283	+	3	51	ATG	TGA	0	0	
mORF_+_2287302	2287302	2287460	+	3	159	GTG	TGA	0	0	
mORF_+_2287423	2287423	2287791	+	1	369	TTG	TAA	0	0	
mORF_+_2287457	2287457	2287555	+	2	99	TTG	TGA	0	0	
mORF_+_2287556	2287556	2287573	+	2	18	TTG	TGA	0	0	
mORF_+_2287601	2287601	2287657	+	2	57	TTG	TGA	0	0	
mORF_+_2287620	2287620	2287631	+	3	12	GTG	TGA	0	0	
mORF_+_2287664	2287664	2287723	+	2	60	ATG	TGA	0	0	
mORF_+_2287751	2287751	2287879	+	2	129	ATG	TGA	0	0	
mORF_+_2287864	2287864	2287887	+	1	24	ATG	TAG	0	0	
mORF_+_2287880	2287880	2287906	+	2	27	ATG	TAA	0	0	
mORF_+_2287928	2287928	2287936	+	2	9	TTG	TAA	0	0	
mORF_+_2287946	2287946	2288017	+	2	72	ATG	TGA	0	0	
mORF_+_2287963	2287963	2288139	+	1	177	TTG	TAA	0	0	
mORF_+_2287968	2287968	2288033	+	3	66	ATG	TGA	0	0	
mORF_+_2288066	2288066	2288197	+	2	132	ATG	TGA	0	0	
mORF_+_2288121	2288121	2288147	+	3	27	TTG	TAG	0	0	

mORF_+_2288163	2288163	2288264	+	3	102	TTG	TAG	0	0	
mORF_+_2288194	2288194	2288205	+	1	12	TTG	TGA	0	0	
mORF_+_2288227	2288227	2288289	+	1	63	TTG	TAA	0	0	
mORF_+_2288305	2288305	2288325	+	1	21	ATG	TGA	0	0	
mORF_+_2288316	2288316	2288321	+	3	6	TTG	TGA	0	0	
mORF_+_2288318	2288318	2288413	+	2	96	GTG	TAG	0	0	
mORF_+_2288322	2288322	2288333	+	3	12	TTG	TAG	0	0	
mORF_+_2288334	2288334	2288357	+	3	24	TTG	TGA	0	0	
mORF_+_2288424	2288424	2288447	+	3	24	ATG	TAA	0	0	
mORF_+_2288492	2288492	2289169	+	2	678	ATG	TAA	4	41	pORF_+_2288492
mORF_+_2288553	2288553	2288687	+	3	135	TTG	TGA	0	0	
mORF_+_2288718	2288718	2288780	+	3	63	GTG	TGA	0	0	
mORF_+_2288790	2288790	2288816	+	3	27	ATG	TGA	0	0	
mORF_+_2288883	2288883	2288984	+	3	102	GTG	TGA	0	0	
mORF_+_2289000	2289000	2289056	+	3	57	ATG	TGA	0	0	
mORF_+_2289111	2289111	2289200	+	3	90	ATG	TGA	0	0	
mORF_+_2289206	2289206	2289466	+	2	261	ATG	TAA	0	0	
mORF_+_2289228	2289228	2289272	+	3	45	ATG	TGA	0	0	
mORF_+_2289285	2289285	2289290	+	3	6	TTG	TAG	0	0	
mORF_+_2289337	2289337	2289351	+	1	15	TTG	TAG	0	0	
mORF_+_2289456	2289456	2289584	+	3	129	TTG	TGA	0	0	
mORF_+_2289563	2289563	2289589	+	2	27	ATG	TAG	0	0	
mORF_+_2289609	2289609	2289794	+	3	186	TTG	TGA	0	0	
mORF_+_2289625	2289625	2289756	+	1	132	ATG	TAA	0	0	
mORF_+_2289785	2289785	2289961	+	2	177	TTG	TAA	0	0	
mORF_+_2289834	2289834	2289920	+	3	87	TTG	TGA	0	0	
mORF_+_2289886	2289886	2289945	+	1	60	GTG	TGA	0	0	
mORF_+_2289924	2289924	2289938	+	3	15	TTG	TAG	0	0	
mORF_+_2290022	2290022	2290144	+	2	123	TTG	TAA	0	0	
mORF_+_2290077	2290077	2290157	+	3	81	ATG	TAA	0	0	
mORF_+_2290158	2290158	2290175	+	3	18	GTG	TAA	0	0	
mORF_+_2290254	2290254	2290328	+	3	75	GTG	TGA	0	0	
mORF_+_2290337	2290337	2290390	+	2	54	TTG	TGA	0	0	
mORF_+_2290345	2290345	2290359	+	1	15	GTG	TAA	0	0	
mORF_+_2290374	2290374	2290472	+	3	99	ATG	TGA	0	0	
mORF_+_2290432	2290432	2290587	+	1	156	TTG	TAA	0	0	
mORF_+_2290469	2290469	2290519	+	2	51	TTG	TAG	0	0	
mORF_+_2290523	2290523	2290567	+	2	45	ATG	TAG	0	0	
mORF_+_2290589	2290589	2290621	+	2	33	ATG	TAA	0	0	
mORF_+_2290625	2290625	2290675	+	2	51	TTG	TAG	0	0	
mORF_+_2290650	2290650	2290769	+	3	120	TTG	TAA	0	0	
mORF_+_2290679	2290679	2290714	+	2	36	ATG	TGA	0	0	
mORF_+_2290723	2290723	2290833	+	1	111	TTG	TGA	0	0	
mORF_+_2290781	2290781	2290789	+	2	9	TTG	TGA	0	0	
mORF_+_2290823	2290823	2291179	+	2	357	TTG	TGA	0	0	
mORF_+_2290830	2290830	2290868	+	3	39	GTG	TGA	0	0	
mORF_+_2291007	2291007	2291504	+	3	498	TTG	TGA	0	0	
mORF_+_2291107	2291107	2291112	+	1	6	TTG	TAG	0	0	
mORF_+_2291176	2291176	2291229	+	1	54	GTG	TAA	0	0	
mORF_+_2291192	2291192	2291287	+	2	96	TTG	TAG	0	0	
mORF_+_2291263	2291263	2291358	+	1	96	TTG	TGA	0	0	
mORF_+_2291383	2291383	2291409	+	1	27	ATG	TAG	0	0	
mORF_+_2291425	2291425	2291457	+	1	33	ATG	TGA	0	0	
mORF_+_2291435	2291435	2291482	+	2	48	TTG	TGA	0	0	
mORF_+_2291485	2291485	2292234	+	1	750	GTG	TAA	0	0	
mORF_+_2291501	2291501	2291632	+	2	132	GTG	TAG	0	0	
mORF_+_2291793	2291793	2291870	+	3	78	TTG	TAA	0	0	
mORF_+_2291909	2291909	2291974	+	2	66	GTG	TAA	0	0	
mORF_+_2291922	2291922	2292098	+	3	177	GTG	TAA	0	0	
mORF_+_2292086	2292086	2292112	+	2	27	TTG	TGA	0	0	
mORF_+_2292123	2292123	2292143	+	3	21	TTG	TGA	0	0	
mORF_+_2292140	2292140	2292178	+	2	39	GTG	TAA	0	0	
mORF_+_2292144	2292144	2292437	+	3	294	GTG	TAG	0	0	

mORF_+_2292242	2292242	2292307	+	2	66	ATG	TAA	0	0	
mORF_+_2292259	2292259	2292318	+	1	60	ATG	TAA	0	0	
mORF_+_2292319	2292319	2292396	+	1	78	GTG	TAA	0	0	
mORF_+_2292478	2292478	2292585	+	1	108	GTG	TGA	0	0	
mORF_+_2292651	2292651	2292854	+	3	204	ATG	TAG	0	0	
mORF_+_2292700	2292700	2292720	+	1	21	TTG	TAG	0	0	
mORF_+_2292721	2292721	2292969	+	1	249	GTG	TAG	0	0	
mORF_+_2292767	2292767	2292787	+	2	21	ATG	TAA	0	0	
mORF_+_2292962	2292962	2293135	+	2	174	GTG	TGA	0	0	
mORF_+_2293047	2293047	2293121	+	3	75	TTG	TAA	0	0	
mORF_+_2293152	2293152	2293232	+	3	81	ATG	TGA	0	0	
mORF_+_2293247	2293247	2293324	+	2	78	TTG	TAG	0	0	
mORF_+_2293263	2293263	2293271	+	3	9	TTG	TAG	0	0	
mORF_+_2293401	2293401	2293523	+	3	123	ATG	TAA	0	0	
mORF_+_2293417	2293417	2293431	+	1	15	TTG	TAA	0	0	
mORF_+_2293453	2293453	2293791	+	1	339	TTG	TGA	0	0	
mORF_+_2293569	2293569	2293784	+	3	216	TTG	TGA	0	0	
mORF_+_2293781	2293781	2293828	+	2	48	TTG	TAA	0	0	
mORF_+_2293791	2293791	2294126	+	3	336	ATG	TGA	0	0	
mORF_+_2293798	2293798	2293821	+	1	24	GTG	TAA	0	0	
mORF_+_2293961	2293961	2294017	+	2	57	GTG	TAA	0	0	
mORF_+_2293981	2293981	2294133	+	1	153	GTG	TAA	0	0	
mORF_+_2294123	2294123	2294176	+	2	54	TTG	TAA	0	0	
mORF_+_2294134	2294134	2294172	+	1	39	ATG	TAG	0	0	
mORF_+_2294163	2294163	2294390	+	3	228	ATG	TGA	1	4	pORF_+_2294163
mORF_+_2294176	2294176	2294184	+	1	9	ATG	TAG	0	0	
mORF_+_2294264	2294264	2294281	+	2	18	TTG	TAA	0	0	
mORF_+_2294306	2294306	2294344	+	2	39	GTG	TAG	0	0	
mORF_+_2294387	2294387	2294404	+	2	18	TTG	TAA	0	0	
mORF_+_2294391	2294391	2294678	+	3	288	ATG	TAA	0	0	
mORF_+_2294431	2294431	2294496	+	1	66	ATG	TAG	0	0	
mORF_+_2294489	2294489	2294533	+	2	45	ATG	TAA	0	0	
mORF_+_2294533	2294533	2294541	+	1	9	ATG	TAG	0	0	
mORF_+_2294611	2294611	2294634	+	1	24	GTG	TAG	0	0	
mORF_+_2294666	2294666	2294695	+	2	30	TTG	TAG	0	0	
mORF_+_2294698	2294698	2294721	+	1	24	TTG	TGA	0	0	
mORF_+_2294718	2294718	2295101	+	3	384	ATG	TGA	0	0	
mORF_+_2294747	2294747	2294788	+	2	42	GTG	TAA	0	0	
mORF_+_2294804	2294804	2294866	+	2	63	TTG	TGA	0	0	
mORF_+_2294863	2294863	2294889	+	1	27	ATG	TAA	0	0	
mORF_+_2294896	2294896	2294937	+	1	42	GTG	TGA	0	0	
mORF_+_2294915	2294915	2295286	+	2	372	TTG	TGA	0	0	
mORF_+_2295058	2295058	2295069	+	1	12	TTG	TGA	0	0	
mORF_+_2295109	2295109	2295222	+	1	114	GTG	TAA	0	0	
mORF_+_2295265	2295265	2295387	+	1	123	TTG	TAA	0	0	
mORF_+_2295345	2295345	2295407	+	3	63	GTG	TGA	0	0	
mORF_+_2295404	2295404	2295418	+	2	15	TTG	TGA	0	0	
mORF_+_2295418	2295418	2295432	+	1	15	ATG	TAA	0	0	
mORF_+_2295439	2295439	2295600	+	1	162	TTG	TGA	0	0	
mORF_+_2295537	2295537	2295566	+	3	30	TTG	TGA	0	0	
mORF_+_2295554	2295554	2295673	+	2	120	TTG	TAA	0	0	
mORF_+_2295597	2295597	2295611	+	3	15	ATG	TAA	0	0	
mORF_+_2295716	2295716	2295832	+	2	117	TTG	TGA	0	0	
mORF_+_2295718	2295718	2296311	+	1	594	GTG	TGA	0	0	
mORF_+_2295807	2295807	2295932	+	3	126	TTG	TAA	0	0	
mORF_+_2295857	2295857	2295904	+	2	48	TTG	TGA	0	0	
mORF_+_2295923	2295923	2296012	+	2	90	GTG	TGA	0	0	
mORF_+_2295963	2295963	2295971	+	3	9	TTG	TGA	0	0	
mORF_+_2296046	2296046	2296054	+	2	9	TTG	TAG	0	0	
mORF_+_2296067	2296067	2296078	+	2	12	ATG	TGA	0	0	
mORF_+_2296085	2296085	2296303	+	2	219	GTG	TAA	0	0	
mORF_+_2296308	2296308	2296319	+	3	12	TTG	TAA	0	0	
mORF_+_2296335	2296335	2296427	+	3	93	TTG	TAA	0	0	

mORF_+_2296360	2296360	2296902	+	1	543	GTG	TGA	0	0	
mORF_+_2296409	2296409	2296432	+	2	24	TTG	TGA	0	0	
mORF_+_2296457	2296457	2296468	+	2	12	GTG	TAG	0	0	
mORF_+_2296499	2296499	2296519	+	2	21	TTG	TGA	0	0	
mORF_+_2296545	2296545	2296643	+	3	99	TTG	TAA	0	0	
mORF_+_2296601	2296601	2296708	+	2	108	ATG	TGA	0	0	
mORF_+_2296739	2296739	2296768	+	2	30	ATG	TAG	0	0	
mORF_+_2296772	2296772	2296777	+	2	6	TTG	TAA	0	0	
mORF_+_2296851	2296851	2296877	+	3	27	TTG	TAG	0	0	
mORF_+_2296881	2296881	2297036	+	3	156	ATG	TAG	0	0	
mORF_+_2296939	2296939	2297187	+	1	249	GTG	TAG	0	0	
mORF_+_2297191	2297191	2297217	+	1	27	ATG	TGA	0	0	
mORF_+_2297193	2297193	2297240	+	3	48	GTG	TAA	0	0	
mORF_+_2297218	2297218	2297316	+	1	99	TTG	TAG	0	0	
mORF_+_2297323	2297323	2297367	+	1	45	GTG	TGA	0	0	
mORF_+_2297364	2297364	2297426	+	3	63	ATG	TAA	0	0	
mORF_+_2297416	2297416	2297442	+	1	27	GTG	TAG	0	0	
mORF_+_2297443	2297443	2297508	+	1	66	TTG	TGA	0	0	
mORF_+_2297448	2297448	2297522	+	3	75	GTG	TAA	0	0	
mORF_+_2297471	2297471	2297629	+	2	159	ATG	TAA	0	0	
mORF_+_2297535	2297535	2297675	+	3	141	GTG	TGA	0	0	
mORF_+_2297629	2297629	2297640	+	1	12	ATG	TAA	0	0	
mORF_+_2297672	2297672	2297740	+	2	69	TTG	TGA	0	0	
mORF_+_2297676	2297676	2297801	+	3	126	TTG	TGA	0	0	
mORF_+_2297683	2297683	2298057	+	1	375	TTG	TAA	0	0	
mORF_+_2297777	2297777	2297833	+	2	57	GTG	TAA	0	0	
mORF_+_2297861	2297861	2298067	+	2	207	TTG	TAA	0	0	
mORF_+_2297946	2297946	2298284	+	3	339	TTG	TAA	0	0	
mORF_+_2298128	2298128	2298262	+	2	135	ATG	TGA	0	0	
mORF_+_2298172	2298172	2298183	+	1	12	TTG	TAA	0	0	
mORF_+_2298259	2298259	2298273	+	1	15	TTG	TGA	0	0	
mORF_+_2298284	2298284	2298532	+	2	249	ATG	TGA	0	0	
mORF_+_2298381	2298381	2298536	+	3	156	GTG	TAA	0	0	
mORF_+_2298529	2298529	2299092	+	1	564	GTG	TAA	0	0	
mORF_+_2298596	2298596	2298718	+	2	123	GTG	TAG	0	0	
mORF_+_2298654	2298654	2299070	+	3	417	GTG	TGA	0	0	
mORF_+_2298821	2298821	2298829	+	2	9	TTG	TAG	0	0	
mORF_+_2298968	2298968	2299138	+	2	171	TTG	TGA	0	0	
mORF_+_2299122	2299122	2299235	+	3	114	GTG	TGA	0	0	
mORF_+_2299135	2299135	2299722	+	1	588	TTG	TAA	0	0	
mORF_+_2299259	2299259	2299351	+	2	93	ATG	TAA	0	0	
mORF_+_2299361	2299361	2299504	+	2	144	TTG	TGA	1	2	pORF_+_2299361
mORF_+_2299386	2299386	2299628	+	3	243	GTG	TAG	0	0	
mORF_+_2299511	2299511	2299615	+	2	105	GTG	TAG	0	0	
mORF_+_2299622	2299622	2299672	+	2	51	TTG	TAG	0	0	
mORF_+_2299676	2299676	2299792	+	2	117	ATG	TAA	0	0	
mORF_+_2299855	2299855	2299869	+	1	15	ATG	TAA	0	0	
mORF_+_2299880	2299880	2299930	+	2	51	ATG	TGA	0	0	
mORF_+_2299909	2299909	2300808	+	1	900	GTG	TGA	0	0	
mORF_+_2299940	2299940	2299948	+	2	9	TTG	TGA	0	0	
mORF_+_2299949	2299949	2299957	+	2	9	ATG	TAG	0	0	
mORF_+_2299958	2299958	2299969	+	2	12	TTG	TAG	0	0	
mORF_+_2300003	2300003	2300044	+	2	42	ATG	TAG	0	0	
mORF_+_2300063	2300063	2300179	+	2	117	GTG	TAG	0	0	
mORF_+_2300133	2300133	2300216	+	3	84	TTG	TAA	0	0	
mORF_+_2300261	2300261	2300308	+	2	48	ATG	TAA	0	0	
mORF_+_2300381	2300381	2300413	+	2	33	TTG	TGA	0	0	
mORF_+_2300420	2300420	2300524	+	2	105	GTG	TAG	0	0	
mORF_+_2300424	2300424	2300432	+	3	9	TTG	TAA	0	0	
mORF_+_2300531	2300531	2300575	+	2	45	ATG	TGA	0	0	
mORF_+_2300556	2300556	2300660	+	3	105	GTG	TGA	0	0	
mORF_+_2300657	2300657	2300674	+	2	18	TTG	TGA	0	0	
mORF_+_2300774	2300774	2300929	+	2	156	ATG	TGA	0	0	

mORF+_2300790	2300790	2300852	+	3	63	TTG	TGA	0	0	
mORF+_2300842	2300842	2300910	+	1	69	TTG	TGA	0	0	
mORF+_2300862	2300862	2300978	+	3	117	TTG	TGA	0	0	
mORF+_2300965	2300965	2301060	+	1	96	GTG	TGA	0	0	
mORF+_2301018	2301018	2301113	+	3	96	TTG	TAA	0	0	
mORF+_2301053	2301053	2301127	+	2	75	ATG	TAG	0	0	
mORF+_2301103	2301103	2301201	+	1	99	TTG	TGA	0	0	
mORF+_2301156	2301156	2301233	+	3	78	TTG	TGA	0	0	
mORF+_2301227	2301227	2301304	+	2	78	ATG	TAA	0	0	
mORF+_2301256	2301256	2301273	+	1	18	GTG	TAG	0	0	
mORF+_2301326	2301326	2301346	+	2	21	TTG	TAG	0	0	
mORF+_2301361	2301361	2301555	+	1	195	TTG	TGA	0	0	
mORF+_2301368	2301368	2301427	+	2	60	ATG	TGA	0	0	
mORF+_2301470	2301470	2301538	+	2	69	TTG	TAA	0	0	
mORF+_2301504	2301504	2301524	+	3	21	ATG	TGA	0	0	
mORF+_2301552	2301552	2301569	+	3	18	TTG	TAA	0	0	
mORF+_2301617	2301617	2301649	+	2	33	ATG	TAA	0	0	
mORF+_2301619	2301619	2301792	+	1	174	GTG	TAA	0	0	
mORF+_2301672	2301672	2301725	+	3	54	GTG	TAA	0	0	
mORF+_2301701	2301701	2301739	+	2	39	TTG	TAG	0	0	
mORF+_2301743	2301743	2301820	+	2	78	TTG	TGA	0	0	
mORF+_2301771	2301771	2301785	+	3	15	TTG	TAG	0	0	
mORF+_2301813	2301813	2301842	+	3	30	TTG	TAA	0	0	
mORF+_2301821	2301821	2301895	+	2	75	ATG	TGA	0	0	
mORF+_2301861	2301861	2301905	+	3	45	ATG	TAA	0	0	
mORF+_2301892	2301892	2301909	+	1	18	GTG	TGA	0	0	
mORF+_2301906	2301906	2302415	+	3	510	ATG	TAA	5	2	pORF+_2301906
mORF+_2301955	2301955	2302047	+	1	93	TTG	TGA	0	0	
mORF+_2302081	2302081	2302095	+	1	15	ATG	TGA	0	0	
mORF+_2302133	2302133	2302195	+	2	63	TTG	TGA	0	0	
mORF+_2302192	2302192	2302239	+	1	48	ATG	TGA	0	0	
mORF+_2302252	2302252	2302356	+	1	105	ATG	TAG	0	0	
mORF+_2302357	2302357	2302362	+	1	6	ATG	TGA	0	0	
mORF+_2302393	2302393	2302407	+	1	15	TTG	TAG	0	0	
mORF+_2302422	2302422	2302442	+	3	21	GTG	TAG	0	0	
mORF+_2302427	2302427	2302498	+	2	72	GTG	TGA	0	0	
mORF+_2302491	2302491	2302538	+	3	48	TTG	TGA	0	0	
mORF+_2302498	2302498	2302611	+	1	114	ATG	TGA	0	0	
mORF+_2302535	2302535	2302555	+	2	21	GTG	TAG	0	0	
mORF+_2302604	2302604	2302651	+	2	48	TTG	TGA	0	0	
mORF+_2302611	2302611	2302724	+	3	114	ATG	TGA	0	0	
mORF+_2302648	2302648	2302668	+	1	21	GTG	TAG	0	0	
mORF+_2302717	2302717	2302764	+	1	48	TTG	TGA	0	0	
mORF+_2302724	2302724	2302837	+	2	114	ATG	TGA	0	0	
mORF+_2302761	2302761	2302781	+	3	21	GTG	TAG	0	0	
mORF+_2302783	2302783	2302950	+	1	168	TTG	TGA	0	0	
mORF+_2302830	2302830	2302877	+	3	48	TTG	TGA	0	0	
mORF+_2302874	2302874	2302894	+	2	21	GTG	TAG	0	0	
mORF+_2302943	2302943	2302990	+	2	48	TTG	TGA	0	0	
mORF+_2302950	2302950	2303063	+	3	114	ATG	TGA	0	0	
mORF+_2302987	2302987	2303007	+	1	21	GTG	TAG	0	0	
mORF+_2303009	2303009	2303323	+	2	315	TTG	TAG	0	0	
mORF+_2303056	2303056	2303160	+	1	105	TTG	TGA	0	0	
mORF+_2303157	2303157	2303399	+	3	243	TTG	TGA	0	0	
mORF+_2303212	2303212	2303220	+	1	9	TTG	TAG	0	0	
mORF+_2303242	2303242	2303298	+	1	57	GTG	TAA	0	0	
mORF+_2303396	2303396	2303452	+	2	57	TTG	TGA	0	0	
mORF+_2303431	2303431	2303565	+	1	135	ATG	TAG	0	0	
mORF+_2303439	2303439	2303699	+	3	261	TTG	TAG	0	0	
mORF+_2303680	2303680	2303841	+	1	162	GTG	TAA	0	0	
mORF+_2303708	2303708	2303722	+	2	15	ATG	TGA	0	0	
mORF+_2303732	2303732	2303863	+	2	132	TTG	TAA	0	0	
mORF+_2303796	2303796	2303951	+	3	156	ATG	TAA	0	0	

mORF_+_2303992	2303992	2304156	+	1	165	TTG	TAG	0	0	
mORF_+_2304008	2304008	2304040	+	2	33	GTG	TAA	0	0	
mORF_+_2304093	2304093	2304134	+	3	42	TTG	TAA	0	0	
mORF_+_2304184	2304184	2304255	+	1	72	GTG	TGA	0	0	
mORF_+_2304201	2304201	2304227	+	3	27	TTG	TAA	0	0	
mORF_+_2304230	2304230	2304244	+	2	15	GTG	TGA	0	0	
mORF_+_2304252	2304252	2304380	+	3	129	GTG	TGA	0	0	
mORF_+_2304325	2304325	2304441	+	1	117	TTG	TGA	0	0	
mORF_+_2304377	2304377	2304454	+	2	78	ATG	TAA	0	0	
mORF_+_2304414	2304414	2304629	+	3	216	GTG	TAA	0	0	
mORF_+_2304454	2304454	2304507	+	1	54	ATG	TAG	0	0	
mORF_+_2304521	2304521	2304655	+	2	135	GTG	TAA	0	0	
mORF_+_2304595	2304595	2304633	+	1	39	ATG	TAG	0	0	
mORF_+_2304643	2304643	2304798	+	1	156	GTG	TAG	0	0	
mORF_+_2304710	2304710	2304733	+	2	24	TTG	TAA	0	0	
mORF_+_2304807	2304807	2304839	+	3	33	TTG	TAA	0	0	
mORF_+_2304820	2304820	2304846	+	1	27	TTG	TAA	0	0	
mORF_+_2304864	2304864	2304902	+	3	39	ATG	TAA	0	0	
mORF_+_2304908	2304908	2304961	+	2	54	TTG	TGA	0	0	
mORF_+_2304933	2304933	2304956	+	3	24	ATG	TGA	0	0	
mORF_+_2304996	2304996	2305058	+	3	63	ATG	TAA	0	0	
mORF_+_2305060	2305060	2305287	+	1	228	TTG	TGA	0	0	
mORF_+_2305067	2305067	2305105	+	2	39	TTG	TAA	0	0	
mORF_+_2305191	2305191	2305229	+	3	39	GTG	TAA	0	0	
mORF_+_2305284	2305284	2305301	+	3	18	TTG	TAA	0	0	
mORF_+_2305313	2305313	2305333	+	2	21	TTG	TGA	0	0	
mORF_+_2305330	2305330	2305821	+	1	492	ATG	TAA	0	0	
mORF_+_2305448	2305448	2305456	+	2	9	TTG	TAA	0	0	
mORF_+_2305484	2305484	2305519	+	2	36	TTG	TGA	0	0	
mORF_+_2305512	2305512	2305601	+	3	90	GTG	TGA	0	0	
mORF_+_2305565	2305565	2305642	+	2	78	TTG	TGA	0	0	
mORF_+_2305682	2305682	2305837	+	2	156	TTG	TAG	1	7	pORF_+_2305682
mORF_+_2305782	2305782	2305916	+	3	135	ATG	TGA	0	0	
mORF_+_2305850	2305850	2305999	+	2	150	TTG	TAG	0	0	
mORF_+_2305920	2305920	2305940	+	3	21	TTG	TAA	0	0	
mORF_+_2305942	2305942	2306226	+	1	285	ATG	TGA	0	0	
mORF_+_2306003	2306003	2306071	+	2	69	TTG	TGA	0	0	
mORF_+_2306078	2306078	2306356	+	2	279	GTG	TGA	0	0	
mORF_+_2306335	2306335	2306469	+	1	135	TTG	TAA	0	0	
mORF_+_2306372	2306372	2306398	+	2	27	TTG	TAA	0	0	
mORF_+_2306417	2306417	2306527	+	2	111	GTG	TGA	0	0	
mORF_+_2306528	2306528	2306734	+	2	207	TTG	TGA	0	0	
mORF_+_2306556	2306556	2306591	+	3	36	ATG	TGA	0	0	
mORF_+_2306595	2306595	2306657	+	3	63	ATG	TGA	0	0	
mORF_+_2306739	2306739	2306768	+	3	30	ATG	TGA	0	0	
mORF_+_2306747	2306747	2306752	+	2	6	TTG	TAG	0	0	
mORF_+_2306762	2306762	2306776	+	2	15	ATG	TGA	0	0	
mORF_+_2306769	2306769	2306870	+	3	102	GTG	TGA	0	0	
mORF_+_2306773	2306773	2306916	+	1	144	ATG	TAA	0	0	
mORF_+_2306867	2306867	2306902	+	2	36	TTG	TGA	0	0	
mORF_+_2306937	2306937	2307008	+	3	72	TTG	TGA	0	0	
mORF_+_2306971	2306971	2307069	+	1	99	ATG	TAA	1	2	pORF_+_2306971
mORF_+_2307005	2307005	2307040	+	2	36	TTG	TAG	0	0	
mORF_+_2307073	2307073	2307300	+	1	228	ATG	TAA	0	0	
mORF_+_2307084	2307084	2307215	+	3	132	GTG	TGA	0	0	
mORF_+_2307089	2307089	2307133	+	2	45	ATG	TAG	0	0	
mORF_+_2307176	2307176	2307478	+	2	303	TTG	TGA	0	0	
mORF_+_2307321	2307321	2307644	+	3	324	GTG	TAA	0	0	
mORF_+_2307328	2307328	2307429	+	1	102	TTG	TAA	0	0	
mORF_+_2307439	2307439	2307465	+	1	27	GTG	TGA	0	0	
mORF_+_2307475	2307475	2307558	+	1	84	ATG	TGA	0	0	
mORF_+_2307586	2307586	2307615	+	1	30	GTG	TGA	0	0	
mORF_+_2307593	2307593	2307670	+	2	78	GTG	TGA	0	0	

mORF_+_2307622	2307622	2307666	+	1	45	GTG	TGA	0	0
mORF_+_2307663	2307663	2307764	+	3	102	TTG	TAG	0	0
mORF_+_2307667	2307667	2307702	+	1	36	TTG	TGA	0	0
mORF_+_2307724	2307724	2307858	+	1	135	TTG	TAA	0	0
mORF_+_2307764	2307764	2307898	+	2	135	GTG	TAG	0	0
mORF_+_2307882	2307882	2308082	+	3	201	GTG	TAG	0	0
mORF_+_2307904	2307904	2307933	+	1	30	ATG	TAG	0	0
mORF_+_2308083	2308083	2308115	+	3	33	ATG	TAA	0	0
mORF_+_2308088	2308088	2308168	+	2	81	ATG	TGA	0	0
mORF_+_2308161	2308161	2308379	+	3	219	GTG	TAA	0	0
mORF_+_2308165	2308165	2308212	+	1	48	GTG	TGA	0	0
mORF_+_2308219	2308219	2308266	+	1	48	TTG	TAG	0	0
mORF_+_2308244	2308244	2308429	+	2	186	GTG	TAA	0	0
mORF_+_2308321	2308321	2308398	+	1	78	ATG	TGA	0	0
mORF_+_2308386	2308386	2308409	+	3	24	TTG	TAA	0	0
mORF_+_2308414	2308414	2308458	+	1	45	GTG	TAG	0	0
mORF_+_2308494	2308494	2308517	+	3	24	TTG	TGA	0	0
mORF_+_2308536	2308536	2308556	+	3	21	GTG	TAA	0	0
mORF_+_2308571	2308571	2308585	+	2	15	TTG	TAA	0	0
mORF_+_2308706	2308706	2308774	+	2	69	TTG	TAA	0	0
mORF_+_2308708	2308708	2309022	+	1	315	GTG	TAA	0	0
mORF_+_2308796	2308796	2308810	+	2	15	GTG	TGA	0	0
mORF_+_2308814	2308814	2308834	+	2	21	TTG	TGA	0	0
mORF_+_2308854	2308854	2309066	+	3	213	TTG	TGA	0	0
mORF_+_2309003	2309003	2309053	+	2	51	GTG	TGA	0	0
mORF_+_2309038	2309038	2309085	+	1	48	TTG	TAA	0	0
mORF_+_2309063	2309063	2309134	+	2	72	TTG	TGA	0	0
mORF_+_2309131	2309131	2309277	+	1	147	TTG	TAA	0	0
mORF_+_2309219	2309219	2309323	+	2	105	ATG	TAG	0	0
mORF_+_2309281	2309281	2309562	+	1	282	TTG	TGA	0	0
mORF_+_2309390	2309390	2309494	+	2	105	TTG	TGA	0	0
mORF_+_2309484	2309484	2309543	+	3	60	GTG	TAA	0	0
mORF_+_2309559	2309559	2309618	+	3	60	GTG	TGA	0	0
mORF_+_2309608	2309608	2310678	+	1	1071	TTG	TAA	0	0
mORF_+_2309624	2309624	2309671	+	2	48	ATG	TAG	0	0
mORF_+_2309699	2309699	2309764	+	2	66	ATG	TAG	0	0
mORF_+_2309774	2309774	2309797	+	2	24	GTG	TAG	0	0
mORF_+_2309940	2309940	2310023	+	3	84	GTG	TAG	0	0
mORF_+_2309945	2309945	2309986	+	2	42	TTG	TAG	0	0
mORF_+_2309993	2309993	2310001	+	2	9	GTG	TGA	0	0
mORF_+_2310014	2310014	2310049	+	2	36	ATG	TAG	0	0
mORF_+_2310074	2310074	2310079	+	2	6	ATG	TAA	0	0
mORF_+_2310086	2310086	2310094	+	2	9	GTG	TGA	0	0
mORF_+_2310107	2310107	2310148	+	2	42	TTG	TAA	0	0
mORF_+_2310155	2310155	2310187	+	2	33	GTG	TGA	0	0
mORF_+_2310192	2310192	2310212	+	3	21	GTG	TAG	0	0
mORF_+_2310206	2310206	2310268	+	2	63	TTG	TGA	0	0
mORF_+_2310240	2310240	2310350	+	3	111	ATG	TGA	0	0
mORF_+_2310308	2310308	2310319	+	2	12	GTG	TAG	0	0
mORF_+_2310347	2310347	2310367	+	2	21	ATG	TAG	0	0
mORF_+_2310368	2310368	2310418	+	2	51	GTG	TAA	0	0
mORF_+_2310480	2310480	2310572	+	3	93	ATG	TAA	0	0
mORF_+_2310500	2310500	2310535	+	2	36	TTG	TGA	0	0
mORF_+_2310587	2310587	2310607	+	2	21	TTG	TAG	0	0
mORF_+_2310629	2310629	2310646	+	2	18	TTG	TAG	0	0
mORF_+_2310680	2310680	2310700	+	2	21	TTG	TAA	0	0
mORF_+_2310714	2310714	2310764	+	3	51	TTG	TAA	0	0
mORF_+_2310770	2310770	2310841	+	2	72	ATG	TAA	0	0
mORF_+_2310801	2310801	2310827	+	3	27	TTG	TGA	0	0
mORF_+_2310811	2310811	2310831	+	1	21	ATG	TAA	0	0
mORF_+_2310870	2310870	2310896	+	3	27	ATG	TGA	0	0
mORF_+_2310893	2310893	2310949	+	2	57	ATG	TAA	0	0
mORF_+_2310913	2310913	2310933	+	1	21	ATG	TAG	0	0

mORF_+_2310934	2310934	2311047	+	1	114	ATG	TAA	0	0	
mORF_+_2310950	2310950	2311000	+	2	51	ATG	TAA	0	0	
mORF_+_2310981	2310981	2310992	+	3	12	ATG	TAA	0	0	
mORF_+_2311052	2311052	2311279	+	2	228	TTG	TAA	0	0	
mORF_+_2311065	2311065	2311100	+	3	36	ATG	TAA	0	0	
mORF_+_2311149	2311149	2311250	+	3	102	ATG	TAA	0	0	
mORF_+_2311228	2311228	2311260	+	1	33	GTG	TAA	0	0	
mORF_+_2311254	2311254	2311493	+	3	240	TTG	TAA	0	0	
mORF_+_2311304	2311304	2311396	+	2	93	TTG	TGA	0	0	
mORF_+_2311312	2311312	2311341	+	1	30	TTG	TAG	0	0	
mORF_+_2311366	2311366	2311416	+	1	51	TTG	TAG	0	0	
mORF_+_2311510	2311510	2314182	+	1	2673	ATG	TAG	22	76	pORF_+_2311510
mORF_+_2311592	2311592	2311606	+	2	15	TTG	TGA	0	0	
mORF_+_2311613	2311613	2311618	+	2	6	GTG	TAA	0	0	
mORF_+_2311667	2311667	2311720	+	2	54	TTG	TGA	0	0	
mORF_+_2311742	2311742	2311795	+	2	54	TTG	TGA	0	0	
mORF_+_2311802	2311802	2311846	+	2	45	ATG	TAA	0	0	
mORF_+_2311850	2311850	2311882	+	2	33	TTG	TGA	0	0	
mORF_+_2311914	2311914	2311967	+	3	54	GTG	TAA	0	0	
mORF_+_2311928	2311928	2311954	+	2	27	ATG	TGA	0	0	
mORF_+_2311955	2311955	2311981	+	2	27	ATG	TGA	0	0	
mORF_+_2312042	2312042	2312224	+	2	183	TTG	TGA	0	0	
mORF_+_2312258	2312258	2312455	+	2	198	TTG	TGA	0	0	
mORF_+_2312483	2312483	2312590	+	2	108	TTG	TAG	0	0	
mORF_+_2312660	2312660	2312686	+	2	27	TTG	TGA	0	0	
mORF_+_2312759	2312759	2312842	+	2	84	ATG	TAA	0	0	
mORF_+_2312873	2312873	2312899	+	2	27	ATG	TGA	0	0	
mORF_+_2312915	2312915	2312929	+	2	15	TTG	TGA	0	0	
mORF_+_2313008	2313008	2313043	+	2	36	ATG	TAG	0	0	
mORF_+_2313053	2313053	2313106	+	2	54	TTG	TAA	0	0	
mORF_+_2313107	2313107	2313166	+	2	60	TTG	TGA	0	0	
mORF_+_2313212	2313212	2313241	+	2	30	ATG	TGA	0	0	
mORF_+_2313248	2313248	2313256	+	2	9	ATG	TGA	0	0	
mORF_+_2313284	2313284	2313322	+	2	39	TTG	TGA	0	0	
mORF_+_2313362	2313362	2313448	+	2	87	ATG	TGA	0	0	
mORF_+_2313500	2313500	2313598	+	2	99	ATG	TAA	0	0	
mORF_+_2313605	2313605	2313649	+	2	45	ATG	TAG	0	0	
mORF_+_2313654	2313654	2313683	+	3	30	TTG	TGA	0	0	
mORF_+_2313659	2313659	2313691	+	2	33	GTG	TAA	0	0	
mORF_+_2313704	2313704	2313718	+	2	15	ATG	TAA	0	0	
mORF_+_2313764	2313764	2313823	+	2	60	ATG	TGA	0	0	
mORF_+_2313804	2313804	2313860	+	3	57	GTG	TGA	0	0	
mORF_+_2313857	2313857	2313886	+	2	30	TTG	TGA	0	0	
mORF_+_2313908	2313908	2313955	+	2	48	ATG	TAG	0	0	
mORF_+_2313968	2313968	2314021	+	2	54	ATG	TAG	0	0	
mORF_+_2314052	2314052	2314063	+	2	12	TTG	TAA	0	0	
mORF_+_2314086	2314086	2314091	+	3	6	ATG	TGA	0	0	
mORF_+_2314088	2314088	2314108	+	2	21	GTG	TGA	0	0	
mORF_+_2314112	2314112	2314135	+	2	24	GTG	TAG	0	0	
mORF_+_2314154	2314154	2314849	+	2	696	TTG	TAA	30	289	pORF_+_2314154
mORF_+_2314221	2314221	2314241	+	3	21	TTG	TAG	0	0	
mORF_+_2314266	2314266	2314286	+	3	21	TTG	TGA	0	0	
mORF_+_2314279	2314279	2314305	+	1	27	GTG	TGA	0	0	
mORF_+_2314287	2314287	2314322	+	3	36	ATG	TGA	0	0	
mORF_+_2314344	2314344	2314358	+	3	15	ATG	TGA	0	0	
mORF_+_2314395	2314395	2314409	+	3	15	ATG	TAA	0	0	
mORF_+_2314449	2314449	2314457	+	3	9	TTG	TGA	0	0	
mORF_+_2314485	2314485	2314523	+	3	39	GTG	TGA	0	0	
mORF_+_2314530	2314530	2314703	+	3	174	GTG	TGA	0	0	
mORF_+_2314779	2314779	2314805	+	3	27	GTG	TGA	0	0	
mORF_+_2314878	2314878	2314973	+	3	96	GTG	TAG	0	0	
mORF_+_2314894	2314894	2314920	+	1	27	TTG	TAA	0	0	
mORF_+_2314910	2314910	2315071	+	2	162	ATG	TGA	0	0	

mORF_+_2315008	2315008	2315016	+	1	9	TTG	TGA	0	0
mORF_+_2315017	2315017	2315034	+	1	18	ATG	TAA	0	0
mORF_+_2315230	2315230	2315250	+	1	21	ATG	TAA	0	0
mORF_+_2315235	2315235	2315459	+	3	225	TTG	TGA	0	0
mORF_+_2315261	2315261	2315272	+	2	12	TTG	TGA	0	0
mORF_+_2315266	2315266	2315298	+	1	33	ATG	TGA	0	0
mORF_+_2315302	2315302	2315352	+	1	51	TTG	TGA	0	0
mORF_+_2315449	2315449	2315505	+	1	57	TTG	TAA	0	0
mORF_+_2315456	2315456	2315473	+	2	18	TTG	TAG	0	0
mORF_+_2315519	2315519	2315656	+	2	138	ATG	TGA	0	0
mORF_+_2315532	2315532	2315873	+	3	342	ATG	TGA	0	0
mORF_+_2315653	2315653	2315742	+	1	90	GTG	TGA	0	0
mORF_+_2315693	2315693	2315701	+	2	9	ATG	TAA	0	0
mORF_+_2315755	2315755	2315820	+	1	66	TTG	TGA	0	0
mORF_+_2315899	2315899	2316054	+	1	156	ATG	TAA	0	0
mORF_+_2316072	2316072	2316143	+	3	72	ATG	TAA	0	0
mORF_+_2316097	2316097	2316234	+	1	138	GTG	TAG	0	0
mORF_+_2316235	2316235	2316465	+	1	231	TTG	TGA	0	0
mORF_+_2316246	2316246	2316269	+	3	24	GTG	TGA	0	0
mORF_+_2316266	2316266	2316334	+	2	69	GTG	TGA	0	0
mORF_+_2316368	2316368	2316436	+	2	69	TTG	TAA	0	0
mORF_+_2316411	2316411	2316494	+	3	84	TTG	TGA	0	0
mORF_+_2316472	2316472	2316603	+	1	132	GTG	TAG	0	0
mORF_+_2316491	2316491	2316622	+	2	132	TTG	TGA	0	0
mORF_+_2316516	2316516	2316755	+	3	240	TTG	TAA	0	0
mORF_+_2316631	2316631	2316732	+	1	102	TTG	TAG	0	0
mORF_+_2316760	2316760	2317065	+	1	306	TTG	TAG	0	0
mORF_+_2316834	2316834	2317010	+	3	177	ATG	TAG	0	0
mORF_+_2316896	2316896	2316907	+	2	12	GTG	TAA	0	0
mORF_+_2316911	2316911	2316949	+	2	39	ATG	TAA	0	0
mORF_+_2317013	2317013	2317108	+	2	96	ATG	TAA	0	0
mORF_+_2317143	2317143	2317193	+	3	51	ATG	TAA	0	0
mORF_+_2317162	2317162	2317260	+	1	99	ATG	TAA	0	0
mORF_+_2317341	2317341	2317460	+	3	120	TTG	TAA	0	0
mORF_+_2317343	2317343	2317366	+	2	24	GTG	TGA	0	0
mORF_+_2317363	2317363	2317482	+	1	120	TTG	TAA	0	0
mORF_+_2317526	2317526	2317714	+	2	189	ATG	TAA	0	0
mORF_+_2317549	2317549	2317710	+	1	162	GTG	TGA	0	0
mORF_+_2317707	2317707	2317778	+	3	72	TTG	TAA	0	0
mORF_+_2317789	2317789	2317794	+	1	6	ATG	TAA	0	0
mORF_+_2317802	2317802	2317846	+	2	45	ATG	TGA	0	0
mORF_+_2317849	2317849	2317854	+	1	6	ATG	TAG	0	0
mORF_+_2317871	2317871	2318026	+	2	156	TTG	TGA	0	0
mORF_+_2317920	2317920	2317946	+	3	27	GTG	TAG	0	0
mORF_+_2317927	2317927	2317941	+	1	15	ATG	TAA	0	0
mORF_+_2317957	2317957	2317992	+	1	36	GTG	TGA	0	0
mORF_+_2317968	2317968	2318201	+	3	234	ATG	TGA	0	0
mORF_+_2318053	2318053	2319891	+	1	1839	GTG	TGA	0	0
mORF_+_2318138	2318138	2318170	+	2	33	TTG	TAG	0	0
mORF_+_2318261	2318261	2318308	+	2	48	ATG	TAA	0	0
mORF_+_2318309	2318309	2318398	+	2	90	ATG	TAA	0	0
mORF_+_2318432	2318432	2318476	+	2	45	ATG	TGA	0	0
mORF_+_2318549	2318549	2318596	+	2	48	TTG	TAA	0	0
mORF_+_2318630	2318630	2318635	+	2	6	ATG	TGA	0	0
mORF_+_2318645	2318645	2318668	+	2	24	TTG	TGA	0	0
mORF_+_2318684	2318684	2318707	+	2	24	TTG	TGA	0	0
mORF_+_2318717	2318717	2318863	+	2	147	TTG	TGA	0	0
mORF_+_2318867	2318867	2318917	+	2	51	TTG	TAA	0	0
mORF_+_2318963	2318963	2318974	+	2	12	ATG	TAG	0	0
mORF_+_2319041	2319041	2319145	+	2	105	ATG	TGA	0	0
mORF_+_2319149	2319149	2319160	+	2	12	GTG	TGA	0	0
mORF_+_2319233	2319233	2319241	+	2	9	GTG	TGA	0	0
mORF_+_2319257	2319257	2319277	+	2	21	ATG	TAA	0	0

mORF_+_2319287	2319287	2319352	+	2	66	GTG	TAG	0	0	
mORF_+_2319426	2319426	2319458	+	3	33	ATG	TGA	0	0	
mORF_+_2319446	2319446	2319514	+	2	69	ATG	TAA	0	0	
mORF_+_2319527	2319527	2319535	+	2	9	ATG	TAA	0	0	
mORF_+_2319554	2319554	2319580	+	2	27	GTG	TGA	0	0	
mORF_+_2319593	2319593	2319676	+	2	84	ATG	TAG	0	0	
mORF_+_2319689	2319689	2319775	+	2	87	GTG	TAA	0	0	
mORF_+_2319791	2319791	2319901	+	2	111	ATG	TAA	0	0	
mORF_+_2319888	2319888	2321273	+	3	1386	ATG	TAA	1	4	pORF_+_2319888
mORF_+_2319913	2319913	2319948	+	1	36	TTG	TGA	0	0	
mORF_+_2319958	2319958	2320047	+	1	90	TTG	TGA	0	0	
mORF_+_2319983	2319983	2320036	+	2	54	TTG	TGA	0	0	
mORF_+_2320105	2320105	2320131	+	1	27	ATG	TGA	0	0	
mORF_+_2320141	2320141	2320224	+	1	84	ATG	TGA	0	0	
mORF_+_2320310	2320310	2320402	+	2	93	ATG	TAG	0	0	
mORF_+_2320372	2320372	2320398	+	1	27	TTG	TGA	0	0	
mORF_+_2320405	2320405	2320431	+	1	27	GTG	TGA	0	0	
mORF_+_2320432	2320432	2320713	+	1	282	TTG	TAA	0	0	
mORF_+_2320717	2320717	2320767	+	1	51	TTG	TAA	0	0	
mORF_+_2320783	2320783	2320821	+	1	39	GTG	TAA	0	0	
mORF_+_2320894	2320894	2321010	+	1	117	GTG	TGA	0	0	
mORF_+_2320958	2320958	2320996	+	2	39	ATG	TGA	0	0	
mORF_+_2321074	2321074	2321088	+	1	15	ATG	TAA	0	0	
mORF_+_2321104	2321104	2321118	+	1	15	GTG	TAA	0	0	
mORF_+_2321221	2321221	2321229	+	1	9	GTG	TGA	0	0	
mORF_+_2321266	2321266	2321343	+	1	78	ATG	TAA	0	0	
mORF_+_2321283	2321283	2321324	+	3	42	TTG	TAG	0	0	
mORF_+_2321288	2321288	2321386	+	2	99	ATG	TAA	0	0	
mORF_+_2321419	2321419	2321472	+	1	54	TTG	TGA	0	0	
mORF_+_2321447	2321447	2321518	+	2	72	GTG	TGA	0	0	
mORF_+_2321451	2321451	2321465	+	3	15	ATG	TAA	0	0	
mORF_+_2321469	2321469	2322131	+	3	663	ATG	TAA	0	0	
mORF_+_2321515	2321515	2321526	+	1	12	GTG	TGA	0	0	
mORF_+_2321554	2321554	2321610	+	1	57	TTG	TGA	0	0	
mORF_+_2321623	2321623	2321688	+	1	66	ATG	TGA	0	0	
mORF_+_2321689	2321689	2321733	+	1	45	TTG	TGA	0	0	
mORF_+_2321740	2321740	2321778	+	1	39	GTG	TAA	0	0	
mORF_+_2321794	2321794	2321850	+	1	57	GTG	TAG	0	0	
mORF_+_2321942	2321942	2321977	+	2	36	TTG	TAG	0	0	
mORF_+_2321953	2321953	2321964	+	1	12	TTG	TGA	0	0	
mORF_+_2322007	2322007	2322030	+	1	24	TTG	TAG	0	0	
mORF_+_2322037	2322037	2322180	+	1	144	ATG	TGA	0	0	
mORF_+_2322131	2322131	2322781	+	2	651	ATG	TGA	0	0	
mORF_+_2322135	2322135	2322200	+	3	66	ATG	TAG	0	0	
mORF_+_2322337	2322337	2322369	+	1	33	GTG	TGA	0	0	
mORF_+_2322342	2322342	2322392	+	3	51	GTG	TAA	0	0	
mORF_+_2322396	2322396	2322440	+	3	45	GTG	TAG	0	0	
mORF_+_2322498	2322498	2322518	+	3	21	GTG	TGA	0	0	
mORF_+_2322553	2322553	2322639	+	1	87	TTG	TGA	0	0	
mORF_+_2322564	2322564	2322707	+	3	144	ATG	TAG	0	0	
mORF_+_2322673	2322673	2322702	+	1	30	GTG	TGA	0	0	
mORF_+_2322717	2322717	2322758	+	3	42	GTG	TGA	0	0	
mORF_+_2322771	2322771	2322932	+	3	162	GTG	TGA	0	0	
mORF_+_2322778	2322778	2324100	+	1	1323	ATG	TGA	1	2	pORF_+_2322778
mORF_+_2322782	2322782	2322805	+	2	24	TTG	TGA	0	0	
mORF_+_2322812	2322812	2322841	+	2	30	TTG	TGA	0	0	
mORF_+_2322845	2322845	2322859	+	2	15	TTG	TGA	0	0	
mORF_+_2322929	2322929	2323018	+	2	90	GTG	TGA	0	0	
mORF_+_2323101	2323101	2323154	+	3	54	TTG	TGA	0	0	
mORF_+_2323103	2323103	2323303	+	2	201	GTG	TGA	0	0	
mORF_+_2323328	2323328	2323360	+	2	33	GTG	TGA	0	0	
mORF_+_2323361	2323361	2323369	+	2	9	TTG	TGA	0	0	
mORF_+_2323475	2323475	2323516	+	2	42	ATG	TGA	0	0	

mORF_+_2323550	2323550	2323606	+	2	57	TTG	TGA	0	0	
mORF_+_2323616	2323616	2323732	+	2	117	TTG	TGA	0	0	
mORF_+_2323781	2323781	2323810	+	2	30	ATG	TAA	0	0	
mORF_+_2323959	2323959	2324129	+	3	171	ATG	TAA	0	0	
mORF_+_2324018	2324018	2324089	+	2	72	GTG	TAA	0	0	
mORF_+_2324131	2324131	2325315	+	1	1185	ATG	TAA	1	2	pORF_+_2324131
mORF_+_2324139	2324139	2324177	+	3	39	TTG	TAG	0	0	
mORF_+_2324141	2324141	2324230	+	2	90	GTG	TAA	0	0	
mORF_+_2324243	2324243	2324284	+	2	42	TTG	TGA	0	0	
mORF_+_2324367	2324367	2324387	+	3	21	GTG	TAA	0	0	
mORF_+_2324391	2324391	2324408	+	3	18	ATG	TAA	0	0	
mORF_+_2324393	2324393	2324485	+	2	93	GTG	TGA	0	0	
mORF_+_2324507	2324507	2324560	+	2	54	ATG	TAA	0	0	
mORF_+_2324570	2324570	2324578	+	2	9	ATG	TGA	0	0	
mORF_+_2324580	2324580	2324630	+	3	51	GTG	TAA	0	0	
mORF_+_2324591	2324591	2324740	+	2	150	ATG	TAA	0	0	
mORF_+_2324741	2324741	2324818	+	2	78	ATG	TAG	0	0	
mORF_+_2324819	2324819	2324905	+	2	87	GTG	TGA	0	0	
mORF_+_2324966	2324966	2324995	+	2	30	ATG	TGA	0	0	
mORF_+_2325062	2325062	2325145	+	2	84	TTG	TGA	0	0	
mORF_+_2325146	2325146	2325298	+	2	153	ATG	TGA	0	0	
mORF_+_2325264	2325264	2325302	+	3	39	GTG	TGA	0	0	
mORF_+_2325299	2325299	2325310	+	2	12	TTG	TGA	0	0	
mORF_+_2325349	2325349	2325360	+	1	12	GTG	TGA	0	0	
mORF_+_2325357	2325357	2325536	+	3	180	TTG	TAG	0	0	
mORF_+_2325448	2325448	2325468	+	1	21	ATG	TGA	0	0	
mORF_+_2325497	2325497	2325511	+	2	15	TTG	TAA	0	0	
mORF_+_2325540	2325540	2325554	+	3	15	TTG	TGA	0	0	
mORF_+_2325563	2325563	2325739	+	2	177	GTG	TAA	0	0	
mORF_+_2325568	2325568	2325612	+	1	45	TTG	TGA	0	0	
mORF_+_2325579	2325579	2325692	+	3	114	ATG	TGA	0	0	
mORF_+_2325625	2325625	2325684	+	1	60	GTG	TAA	0	0	
mORF_+_2325708	2325708	2325776	+	3	69	TTG	TAA	0	0	
mORF_+_2325742	2325742	2325813	+	1	72	GTG	TGA	0	0	
mORF_+_2325788	2325788	2325865	+	2	78	TTG	TGA	0	0	
mORF_+_2325813	2325813	2325851	+	3	39	ATG	TAA	0	0	
mORF_+_2325856	2325856	2325906	+	1	51	GTG	TGA	0	0	
mORF_+_2325903	2325903	2325926	+	3	24	TTG	TGA	0	0	
mORF_+_2325957	2325957	2325986	+	3	30	TTG	TGA	0	0	
mORF_+_2325983	2325983	2326033	+	2	51	TTG	TGA	0	0	
mORF_+_2325996	2325996	2326019	+	3	24	ATG	TAA	0	0	
mORF_+_2326020	2326020	2326115	+	3	96	TTG	TGA	0	0	
mORF_+_2326030	2326030	2326167	+	1	138	GTG	TAG	0	0	
mORF_+_2326061	2326061	2326072	+	2	12	ATG	TGA	0	0	
mORF_+_2326112	2326112	2326141	+	2	30	GTG	TAA	0	0	
mORF_+_2326185	2326185	2326268	+	3	84	TTG	TAA	0	0	
mORF_+_2326225	2326225	2326233	+	1	9	GTG	TAA	0	0	
mORF_+_2326381	2326381	2326512	+	1	132	TTG	TAA	0	0	
mORF_+_2326398	2326398	2326403	+	3	6	TTG	TAA	0	0	
mORF_+_2326469	2326469	2326495	+	2	27	TTG	TAA	0	0	
mORF_+_2326561	2326561	2326608	+	1	48	GTG	TGA	0	0	
mORF_+_2326566	2326566	2326760	+	3	195	TTG	TAA	0	0	
mORF_+_2326580	2326580	2326594	+	2	15	GTG	TAG	0	0	
mORF_+_2326633	2326633	2326959	+	1	327	ATG	TAG	0	0	
mORF_+_2326860	2326860	2326898	+	3	39	ATG	TAA	0	0	
mORF_+_2326911	2326911	2327120	+	3	210	GTG	TAG	0	0	
mORF_+_2327008	2327008	2327028	+	1	21	GTG	TAG	0	0	
mORF_+_2327128	2327128	2327196	+	1	69	TTG	TGA	0	0	
mORF_+_2327159	2327159	2327365	+	2	207	GTG	TAA	0	0	
mORF_+_2327260	2327260	2327316	+	1	57	ATG	TGA	0	0	
mORF_+_2327320	2327320	2327424	+	1	105	TTG	TGA	0	0	
mORF_+_2327325	2327325	2327336	+	3	12	TTG	TAA	0	0	
mORF_+_2327417	2327417	2327659	+	2	243	GTG	TGA	0	0	

mORF_+_2327430	2327430	2327648	+	3	219	TTG	TAA	0	0	
mORF_+_2327524	2327524	2327541	+	1	18	ATG	TGA	0	0	
mORF_+_2327653	2327653	2327709	+	1	57	GTG	TGA	0	0	
mORF_+_2327672	2327672	2327782	+	2	111	ATG	TAA	0	0	
mORF_+_2327715	2327715	2327750	+	3	36	TTG	TAA	0	0	
mORF_+_2327865	2327865	2328350	+	3	486	TTG	TAA	0	0	
mORF_+_2327876	2327876	2327956	+	2	81	GTG	TGA	0	0	
mORF_+_2327953	2327953	2327991	+	1	39	GTG	TAG	0	0	
mORF_+_2328052	2328052	2328126	+	1	75	TTG	TGA	0	0	
mORF_+_2328077	2328077	2328160	+	2	84	ATG	TAA	0	0	
mORF_+_2328163	2328163	2328300	+	1	138	GTG	TGA	0	0	
mORF_+_2328308	2328308	2328433	+	2	126	TTG	TAG	0	0	
mORF_+_2328370	2328370	2328387	+	1	18	ATG	TGA	0	0	
mORF_+_2328426	2328426	2328551	+	3	126	ATG	TAA	0	0	
mORF_+_2328437	2328437	2328523	+	2	87	ATG	TAG	0	0	
mORF_+_2328502	2328502	2328618	+	1	117	ATG	TGA	0	0	
mORF_+_2328603	2328603	2328710	+	3	108	GTG	TAA	0	0	
mORF_+_2328619	2328619	2328654	+	1	36	TTG	TGA	0	0	
mORF_+_2328626	2328626	2328772	+	2	147	TTG	TGA	0	0	
mORF_+_2328670	2328670	2328939	+	1	270	GTG	TAG	0	0	
mORF_+_2328884	2328884	2329030	+	2	147	ATG	TAA	0	0	
mORF_+_2328903	2328903	2328911	+	3	9	ATG	TAA	0	0	
mORF_+_2328951	2328951	2329241	+	3	291	ATG	TAA	0	0	
mORF_+_2329045	2329045	2329119	+	1	75	TTG	TGA	0	0	
mORF_+_2329132	2329132	2329155	+	1	24	ATG	TGA	0	0	
mORF_+_2329207	2329207	2329467	+	1	261	GTG	TGA	1	5	pORF_+_2329207
mORF_+_2329287	2329287	2329292	+	3	6	TTG	TAG	0	0	
mORF_+_2329400	2329400	2329408	+	2	9	TTG	TAA	0	0	
mORF_+_2329422	2329422	2329451	+	3	30	TTG	TAA	0	0	
mORF_+_2329461	2329461	2329739	+	3	279	TTG	TAA	0	0	
mORF_+_2329501	2329501	2329578	+	1	78	TTG	TGA	0	0	
mORF_+_2329606	2329606	2329650	+	1	45	TTG	TAG	0	0	
mORF_+_2329628	2329628	2329723	+	2	96	TTG	TGA	0	0	
mORF_+_2329720	2329720	2329917	+	1	198	GTG	TAG	0	0	
mORF_+_2329776	2329776	2329796	+	3	21	TTG	TGA	0	0	
mORF_+_2329787	2329787	2329792	+	2	6	TTG	TGA	0	0	
mORF_+_2329793	2329793	2329873	+	2	81	GTG	TAG	0	0	
mORF_+_2329874	2329874	2329921	+	2	48	TTG	TGA	0	0	
mORF_+_2329951	2329951	2329971	+	1	21	TTG	TAG	0	0	
mORF_+_2329978	2329978	2330016	+	1	39	TTG	TAG	0	0	
mORF_+_2330004	2330004	2330045	+	3	42	TTG	TAG	0	0	
mORF_+_2330092	2330092	2330115	+	1	24	TTG	TAA	0	0	
mORF_+_2330115	2330115	2330282	+	3	168	ATG	TAA	0	0	
mORF_+_2330122	2330122	2330181	+	1	60	TTG	TGA	0	0	
mORF_+_2330221	2330221	2330490	+	1	270	GTG	TGA	0	0	
mORF_+_2330286	2330286	2330291	+	3	6	TTG	TAG	0	0	
mORF_+_2330303	2330303	2330389	+	2	87	TTG	TAA	0	0	
mORF_+_2330310	2330310	2330360	+	3	51	ATG	TAA	0	0	
mORF_+_2330457	2330457	2330495	+	3	39	ATG	TAA	0	0	
mORF_+_2330528	2330528	2330554	+	2	27	ATG	TAG	0	0	
mORF_+_2330536	2330536	2330541	+	1	6	TTG	TAG	0	0	
mORF_+_2330542	2330542	2330676	+	1	135	TTG	TAA	0	0	
mORF_+_2330601	2330601	2330657	+	3	57	ATG	TGA	0	0	
mORF_+_2330654	2330654	2330755	+	2	102	TTG	TGA	0	0	
mORF_+_2330709	2330709	2330726	+	3	18	TTG	TAA	0	0	
mORF_+_2330733	2330733	2330813	+	3	81	ATG	TAA	0	0	
mORF_+_2330752	2330752	2330820	+	1	69	ATG	TAG	0	0	
mORF_+_2330859	2330859	2330945	+	3	87	ATG	TGA	0	0	
mORF_+_2330942	2330942	2331031	+	2	90	TTG	TGA	0	0	
mORF_+_2330949	2330949	2330969	+	3	21	TTG	TAA	0	0	
mORF_+_2331015	2331015	2331071	+	3	57	TTG	TAA	0	0	
mORF_+_2331022	2331022	2331099	+	1	78	TTG	TAG	0	0	
mORF_+_2331084	2331084	2331152	+	3	69	ATG	TAA	0	0	

mORF_+_2331086	2331086	2331094	+	2	9	GTG	TGA	0	0
mORF_+_2331101	2331101	2331226	+	2	126	TTG	TGA	0	0
mORF_+_2331133	2331133	2331141	+	1	9	TTG	TAA	0	0
mORF_+_2331208	2331208	2331405	+	1	198	TTG	TAG	0	0
mORF_+_2331237	2331237	2331302	+	3	66	TTG	TGA	0	0
mORF_+_2331299	2331299	2331340	+	2	42	ATG	TAA	0	0
mORF_+_2331303	2331303	2331368	+	3	66	ATG	TAG	0	0
mORF_+_2331469	2331469	2331747	+	1	279	ATG	TAA	0	0
mORF_+_2331473	2331473	2331643	+	2	171	ATG	TAA	0	0
mORF_+_2331492	2331492	2331500	+	3	9	ATG	TAA	0	0
mORF_+_2331726	2331726	2331836	+	3	111	TTG	TAG	0	0
mORF_+_2331748	2331748	2331843	+	1	96	ATG	TAA	0	0
mORF_+_2331782	2331782	2331826	+	2	45	ATG	TAG	0	0
mORF_+_2331836	2331836	2331916	+	2	81	GTG	TAA	0	0
mORF_+_2331889	2331889	2331903	+	1	15	TTG	TAA	0	0
mORF_+_2331919	2331919	2331954	+	1	36	ATG	TGA	0	0
mORF_+_2331968	2331968	2332237	+	2	270	GTG	TAA	0	0
mORF_+_2332009	2332009	2332176	+	1	168	TTG	TGA	0	0
mORF_+_2332068	2332068	2332385	+	3	318	TTG	TAA	0	0
mORF_+_2332262	2332262	2332318	+	2	57	ATG	TAG	0	0
mORF_+_2332288	2332288	2332395	+	1	108	TTG	TGA	0	0
mORF_+_2332386	2332386	2332508	+	3	123	ATG	TAG	0	0
mORF_+_2332438	2332438	2332446	+	1	9	ATG	TAA	0	0
mORF_+_2332448	2332448	2332537	+	2	90	TTG	TAA	0	0
mORF_+_2332509	2332509	2332517	+	3	9	ATG	TAA	0	0
mORF_+_2332538	2332538	2332711	+	2	174	GTG	TAG	0	0
mORF_+_2332593	2332593	2332625	+	3	33	ATG	TGA	0	0
mORF_+_2332705	2332705	2332740	+	1	36	GTG	TAG	0	0
mORF_+_2332772	2332772	2333053	+	2	282	GTG	TAA	0	0
mORF_+_2332837	2332837	2332983	+	1	147	GTG	TAG	0	0
mORF_+_2332872	2332872	2333048	+	3	177	ATG	TGA	0	0
mORF_+_2333059	2333059	2333070	+	1	12	TTG	TAA	0	0
mORF_+_2333098	2333098	2333352	+	1	255	TTG	TAA	0	0
mORF_+_2333100	2333100	2333189	+	3	90	GTG	TGA	0	0
mORF_+_2333186	2333186	2333194	+	2	9	TTG	TAG	0	0
mORF_+_2333204	2333204	2333341	+	2	138	ATG	TAA	0	0
mORF_+_2333232	2333232	2333273	+	3	42	TTG	TAA	0	0
mORF_+_2333353	2333353	2333580	+	1	228	TTG	TGA	0	0
mORF_+_2333474	2333474	2333551	+	2	78	TTG	TGA	0	0
mORF_+_2333577	2333577	2333648	+	3	72	TTG	TGA	0	0
mORF_+_2333630	2333630	2333857	+	2	228	TTG	TAG	0	0
mORF_+_2333650	2333650	2333682	+	1	33	GTG	TGA	0	0
mORF_+_2333679	2333679	2333741	+	3	63	GTG	TAA	0	0
mORF_+_2333794	2333794	2333847	+	1	54	GTG	TAA	0	0
mORF_+_2333888	2333888	2334007	+	2	120	ATG	TGA	0	0
mORF_+_2333940	2333940	2334017	+	3	78	TTG	TAA	0	0
mORF_+_2333944	2333944	2334159	+	1	216	TTG	TAA	0	0
mORF_+_2334029	2334029	2334058	+	2	30	GTG	TGA	0	0
mORF_+_2334083	2334083	2334094	+	2	12	TTG	TAG	0	0
mORF_+_2334131	2334131	2334238	+	2	108	TTG	TAA	0	0
mORF_+_2334189	2334189	2334326	+	3	138	ATG	TGA	0	0
mORF_+_2334238	2334238	2334243	+	1	6	ATG	TGA	0	0
mORF_+_2334247	2334247	2334294	+	1	48	ATG	TAA	0	0
mORF_+_2334323	2334323	2334340	+	2	18	GTG	TAG	0	0
mORF_+_2334331	2334331	2334687	+	1	357	GTG	TAG	0	0
mORF_+_2334353	2334353	2334385	+	2	33	ATG	TGA	0	0
mORF_+_2334437	2334437	2334631	+	2	195	ATG	TAG	0	0
mORF_+_2334600	2334600	2334731	+	3	132	GTG	TAA	0	0
mORF_+_2334680	2334680	2335099	+	2	420	GTG	TAA	0	0
mORF_+_2334751	2334751	2334804	+	1	54	TTG	TGA	0	0
mORF_+_2334801	2334801	2334812	+	3	12	ATG	TAA	0	0
mORF_+_2334891	2334891	2335190	+	3	300	ATG	TAA	0	0
mORF_+_2335156	2335156	2335209	+	1	54	TTG	TGA	0	0

mORF_+_2335196	2335196	2335267	+	2	72	TTG	TAA	0	0	
mORF_+_2335206	2335206	2335628	+	3	423	GTG	TGA	0	0	
mORF_+_2335213	2335213	2335326	+	1	114	TTG	TAA	0	0	
mORF_+_2335676	2335676	2336296	+	2	621	ATG	TAA	0	0	
mORF_+_2335686	2335686	2335790	+	3	105	GTG	TGA	0	0	
mORF_+_2335732	2335732	2335797	+	1	66	GTG	TAA	0	0	
mORF_+_2335839	2335839	2335994	+	3	156	GTG	TGA	0	0	
mORF_+_2336007	2336007	2336078	+	3	72	TTG	TGA	0	0	
mORF_+_2336187	2336187	2336249	+	3	63	TTG	TGA	0	0	
mORF_+_2336262	2336262	2336312	+	3	51	ATG	TGA	0	0	
mORF_+_2336296	2336296	2336346	+	1	51	ATG	TAG	0	0	
mORF_+_2336309	2336309	2337280	+	2	972	ATG	TAG	0	0	
mORF_+_2336391	2336391	2336423	+	3	33	ATG	TGA	0	0	
mORF_+_2336434	2336434	2336448	+	1	15	ATG	TGA	0	0	
mORF_+_2336442	2336442	2336483	+	3	42	ATG	TAG	0	0	
mORF_+_2336487	2336487	2336645	+	3	159	TTG	TGA	0	0	
mORF_+_2336667	2336667	2336747	+	3	81	ATG	TAA	0	0	
mORF_+_2336775	2336775	2336999	+	3	225	ATG	TAG	0	0	
mORF_+_2336779	2336779	2336835	+	1	57	TTG	TGA	0	0	
mORF_+_2336905	2336905	2336952	+	1	48	TTG	TAG	0	0	
mORF_+_2336962	2336962	2336970	+	1	9	TTG	TGA	0	0	
mORF_+_2337085	2337085	2337111	+	1	27	TTG	TAG	0	0	
mORF_+_2337157	2337157	2337360	+	1	204	ATG	TGA	0	0	
mORF_+_2337168	2337168	2337188	+	3	21	ATG	TAG	0	0	
mORF_+_2337261	2337261	2337296	+	3	36	TTG	TAA	0	0	
mORF_+_2337308	2337308	2337493	+	2	186	GTG	TAA	1	10	pORF_+_2337308
mORF_+_2337357	2337357	2337374	+	3	18	ATG	TAA	0	0	
mORF_+_2337405	2337405	2337446	+	3	42	ATG	TAA	0	0	
mORF_+_2337415	2337415	2337420	+	1	6	GTG	TAA	0	0	
mORF_+_2337508	2337508	2337516	+	1	9	TTG	TAA	0	0	
mORF_+_2337541	2337541	2338311	+	1	771	ATG	TGA	31	252	pORF_+_2337541
mORF_+_2337558	2337558	2337620	+	3	63	TTG	TAA	0	0	
mORF_+_2337563	2337563	2337580	+	2	18	TTG	TAG	0	0	
mORF_+_2337593	2337593	2337613	+	2	21	ATG	TAA	0	0	
mORF_+_2337647	2337647	2337832	+	2	186	TTG	TGA	1	2	pORF_+_2337647
mORF_+_2337669	2337669	2337686	+	3	18	GTG	TGA	0	0	
mORF_+_2337780	2337780	2337854	+	3	75	TTG	TGA	0	0	
mORF_+_2337851	2337851	2337967	+	2	117	TTG	TGA	0	0	
mORF_+_2338022	2338022	2338036	+	2	15	GTG	TGA	0	0	
mORF_+_2338049	2338049	2338093	+	2	45	ATG	TGA	0	0	
mORF_+_2338086	2338086	2338148	+	3	63	ATG	TGA	0	0	
mORF_+_2338103	2338103	2338153	+	2	51	TTG	TGA	0	0	
mORF_+_2338277	2338277	2338282	+	2	6	ATG	TGA	0	0	
mORF_+_2338308	2338308	2338340	+	3	33	GTG	TGA	0	0	
mORF_+_2338321	2338321	2338386	+	1	66	TTG	TAG	0	0	
mORF_+_2338340	2338340	2338438	+	2	99	ATG	TGA	0	0	
mORF_+_2338374	2338374	2338535	+	3	162	ATG	TGA	0	0	
mORF_+_2338435	2338435	2338539	+	1	105	GTG	TGA	0	0	
mORF_+_2338542	2338542	2338640	+	3	99	TTG	TGA	0	0	
mORF_+_2338574	2338574	2338657	+	2	84	TTG	TAA	0	0	
mORF_+_2338657	2338657	2338668	+	1	12	ATG	TGA	0	0	
mORF_+_2338665	2338665	2338673	+	3	9	ATG	TGA	0	0	
mORF_+_2338670	2338670	2338699	+	2	30	ATG	TAA	0	0	
mORF_+_2338733	2338733	2338738	+	2	6	TTG	TGA	0	0	
mORF_+_2338735	2338735	2338755	+	1	21	GTG	TAG	0	0	
mORF_+_2338877	2338877	2338993	+	2	117	GTG	TGA	0	0	
mORF_+_2338890	2338890	2338970	+	3	81	GTG	TGA	0	0	
mORF_+_2338990	2338990	2339133	+	1	144	TTG	TAA	0	0	
mORF_+_2339015	2339015	2339227	+	2	213	GTG	TAA	0	0	
mORF_+_2339115	2339115	2339177	+	3	63	GTG	TGA	0	0	
mORF_+_2339196	2339196	2339201	+	3	6	GTG	TAA	0	0	
mORF_+_2339255	2339255	2339701	+	2	447	GTG	TAA	0	0	
mORF_+_2339287	2339287	2339307	+	1	21	TTG	TAA	0	0	

mORF_+_2339322	2339322	2339345	+	3	24	TTG	TAA	0	0
mORF_+_2339368	2339368	2339508	+	1	141	GTG	TGA	0	0
mORF_+_2339388	2339388	2339489	+	3	102	GTG	TAG	0	0
mORF_+_2339505	2339505	2339513	+	3	9	TTG	TAG	0	0
mORF_+_2339541	2339541	2339549	+	3	9	TTG	TGA	0	0
mORF_+_2339556	2339556	2339675	+	3	120	GTG	TGA	0	0
mORF_+_2339596	2339596	2339619	+	1	24	ATG	TAA	0	0
mORF_+_2339638	2339638	2339787	+	1	150	TTG	TAA	0	0
mORF_+_2339777	2339777	2339932	+	2	156	TTG	TAG	0	0
mORF_+_2339802	2339802	2339840	+	3	39	TTG	TAA	0	0
mORF_+_2339862	2339862	2340032	+	3	171	TTG	TGA	0	0
mORF_+_2339932	2339932	2339943	+	1	12	GTG	TAA	0	0
mORF_+_2340025	2340025	2340054	+	1	30	TTG	TAA	0	0
mORF_+_2340061	2340061	2340201	+	1	141	TTG	TAG	0	0
mORF_+_2340126	2340126	2340224	+	3	99	GTG	TGA	0	0
mORF_+_2340205	2340205	2340363	+	1	159	ATG	TAA	0	0
mORF_+_2340224	2340224	2340340	+	2	117	ATG	TGA	0	0
mORF_+_2340264	2340264	2340416	+	3	153	GTG	TAG	0	0
mORF_+_2340380	2340380	2340661	+	2	282	TTG	TGA	0	0
mORF_+_2340438	2340438	2340488	+	3	51	TTG	TAA	0	0
mORF_+_2340472	2340472	2340618	+	1	147	GTG	TAA	0	0
mORF_+_2340495	2340495	2340542	+	3	48	TTG	TAG	0	0
mORF_+_2340576	2340576	2340608	+	3	33	TTG	TGA	0	0
mORF_+_2340654	2340654	2340845	+	3	192	TTG	TAG	0	0
mORF_+_2340658	2340658	2340750	+	1	93	ATG	TAA	0	0
mORF_+_2340854	2340854	2340943	+	2	90	TTG	TAA	0	0
mORF_+_2340861	2340861	2340872	+	3	12	ATG	TGA	0	0
mORF_+_2340885	2340885	2340908	+	3	24	ATG	TGA	0	0
mORF_+_2340921	2340921	2340956	+	3	36	TTG	TGA	0	0
mORF_+_2340967	2340967	2341125	+	1	159	ATG	TAA	0	0
mORF_+_2340971	2340971	2341006	+	2	36	GTG	TAG	0	0
mORF_+_2341061	2341061	2341213	+	2	153	TTG	TAA	0	0
mORF_+_2341107	2341107	2341358	+	3	252	TTG	TAG	0	0
mORF_+_2341371	2341371	2341409	+	3	39	TTG	TAG	0	0
mORF_+_2341455	2341455	2341478	+	3	24	TTG	TAA	0	0
mORF_+_2341488	2341488	2341526	+	3	39	GTG	TAA	0	0
mORF_+_2341495	2341495	2341500	+	1	6	TTG	TAA	0	0
mORF_+_2341535	2341535	2341603	+	2	69	ATG	TGA	0	0
mORF_+_2341539	2341539	2341595	+	3	57	TTG	TAA	0	0
mORF_+_2341570	2341570	2341632	+	1	63	TTG	TAA	0	0
mORF_+_2341617	2341617	2341646	+	3	30	TTG	TAA	0	0
mORF_+_2341659	2341659	2341667	+	3	9	ATG	TAA	0	0
mORF_+_2341669	2341669	2341692	+	1	24	TTG	TAG	0	0
mORF_+_2341680	2341680	2341766	+	3	87	TTG	TAG	0	0
mORF_+_2341768	2341768	2341809	+	1	42	TTG	TAA	0	0
mORF_+_2341828	2341828	2341842	+	1	15	TTG	TAG	0	0
mORF_+_2341848	2341848	2342063	+	3	216	ATG	TGA	0	0
mORF_+_2341927	2341927	2342034	+	1	108	GTG	TAA	0	0
mORF_+_2341943	2341943	2342041	+	2	99	TTG	TGA	0	0
mORF_+_2342048	2342048	2342095	+	2	48	TTG	TGA	0	0
mORF_+_2342073	2342073	2342201	+	3	129	TTG	TAA	0	0
mORF_+_2342092	2342092	2342103	+	1	12	ATG	TGA	0	0
mORF_+_2342134	2342134	2342184	+	1	51	ATG	TAA	0	0
mORF_+_2342246	2342246	2342308	+	2	63	ATG	TGA	0	0
mORF_+_2342262	2342262	2342267	+	3	6	TTG	TAA	0	0
mORF_+_2342269	2342269	2342331	+	1	63	TTG	TAA	0	0
mORF_+_2342286	2342286	2342315	+	3	30	ATG	TAA	0	0
mORF_+_2342321	2342321	2342341	+	2	21	GTG	TAA	0	0
mORF_+_2342385	2342385	2342408	+	3	24	ATG	TAA	0	0
mORF_+_2342423	2342423	2342431	+	2	9	ATG	TAG	0	0
mORF_+_2342499	2342499	2342543	+	3	45	TTG	TAG	0	0
mORF_+_2342524	2342524	2342529	+	1	6	ATG	TGA	0	0
mORF_+_2342536	2342536	2342688	+	1	153	GTG	TGA	0	0

mORF_+_2342552	2342552	2342602	+	2	51	TTG	TAA	0	0	
mORF_+_2342609	2342609	2342644	+	2	36	ATG	TAA	0	0	
mORF_+_2342663	2342663	2342806	+	2	144	TTG	TAG	0	0	
mORF_+_2342695	2342695	2342814	+	1	120	GTG	TAA	0	0	
mORF_+_2342739	2342739	2342780	+	3	42	ATG	TGA	0	0	
mORF_+_2342843	2342843	2342890	+	2	48	ATG	TGA	0	0	
mORF_+_2342887	2342887	2345172	+	1	2286	ATG	TGA	69	278	pORF_+_2342887
mORF_+_2342967	2342967	2342990	+	3	24	TTG	TAA	0	0	
mORF_+_2343035	2343035	2343094	+	2	60	ATG	TGA	0	0	
mORF_+_2343101	2343101	2343208	+	2	108	GTG	TGA	0	0	
mORF_+_2343302	2343302	2343310	+	2	9	GTG	TGA	0	0	
mORF_+_2343320	2343320	2343370	+	2	51	ATG	TGA	0	0	
mORF_+_2343383	2343383	2343412	+	2	30	ATG	TAG	0	0	
mORF_+_2343413	2343413	2343466	+	2	54	TTG	TGA	0	0	
mORF_+_2343420	2343420	2343446	+	3	27	GTG	TGA	0	0	
mORF_+_2343573	2343573	2343581	+	3	9	GTG	TGA	0	0	
mORF_+_2343578	2343578	2343754	+	2	177	GTG	TGA	0	0	
mORF_+_2343773	2343773	2343844	+	2	72	GTG	TGA	0	0	
mORF_+_2343810	2343810	2343938	+	3	129	GTG	TGA	0	0	
mORF_+_2343854	2343854	2343913	+	2	60	GTG	TGA	0	0	
mORF_+_2343935	2343935	2344066	+	2	132	GTG	TGA	0	0	
mORF_+_2344073	2344073	2344090	+	2	18	TTG	TGA	0	0	
mORF_+_2344103	2344103	2344213	+	2	111	GTG	TAG	0	0	
mORF_+_2344200	2344200	2344259	+	3	60	GTG	TGA	0	0	
mORF_+_2344256	2344256	2344438	+	2	183	GTG	TGA	0	0	
mORF_+_2344269	2344269	2344304	+	3	36	GTG	TAA	0	0	
mORF_+_2344553	2344553	2344744	+	2	192	ATG	TGA	0	0	
mORF_+_2344578	2344578	2344592	+	3	15	GTG	TAA	0	0	
mORF_+_2344790	2344790	2345032	+	2	243	TTG	TGA	0	0	
mORF_+_2344893	2344893	2344910	+	3	18	GTG	TAA	0	0	
mORF_+_2345090	2345090	2345197	+	2	108	GTG	TAA	0	0	
mORF_+_2345160	2345160	2345165	+	3	6	ATG	TAA	0	0	
mORF_+_2345175	2345175	2346536	+	3	1362	TTG	TGA	35	153	pORF_+_2345175
mORF_+_2345224	2345224	2345229	+	1	6	TTG	TAG	0	0	
mORF_+_2345267	2345267	2345284	+	2	18	GTG	TGA	0	0	
mORF_+_2345281	2345281	2345385	+	1	105	GTG	TAA	0	0	
mORF_+_2345312	2345312	2345317	+	2	6	TTG	TAG	0	0	
mORF_+_2345437	2345437	2345526	+	1	90	ATG	TGA	0	0	
mORF_+_2345566	2345566	2345589	+	1	24	TTG	TAG	0	0	
mORF_+_2345812	2345812	2345889	+	1	78	TTG	TGA	0	0	
mORF_+_2346043	2346043	2346078	+	1	36	TTG	TGA	0	0	
mORF_+_2346047	2346047	2346187	+	2	141	TTG	TGA	0	0	
mORF_+_2346109	2346109	2346135	+	1	27	TTG	TGA	0	0	
mORF_+_2346199	2346199	2346297	+	1	99	TTG	TGA	0	0	
mORF_+_2346209	2346209	2346214	+	2	6	GTG	TAA	0	0	
mORF_+_2346221	2346221	2346229	+	2	9	GTG	TGA	0	0	
mORF_+_2346298	2346298	2346306	+	1	9	TTG	TGA	0	0	
mORF_+_2346331	2346331	2346519	+	1	189	TTG	TGA	0	0	
mORF_+_2346407	2346407	2346433	+	2	27	GTG	TGA	0	0	
mORF_+_2346536	2346536	2346790	+	2	255	ATG	TGA	0	0	
mORF_+_2346577	2346577	2346588	+	1	12	GTG	TGA	0	0	
mORF_+_2346585	2346585	2346719	+	3	135	ATG	TAG	0	0	
mORF_+_2346643	2346643	2346699	+	1	57	GTG	TGA	0	0	
mORF_+_2346751	2346751	2346777	+	1	27	TTG	TGA	0	0	
mORF_+_2346774	2346774	2346935	+	3	162	TTG	TAA	0	0	
mORF_+_2346787	2346787	2346801	+	1	15	GTG	TAG	0	0	
mORF_+_2346848	2346848	2346856	+	2	9	ATG	TAG	0	0	
mORF_+_2346887	2346887	2346931	+	2	45	TTG	TGA	0	0	
mORF_+_2346928	2346928	2347485	+	1	558	ATG	TGA	0	0	
mORF_+_2347055	2347055	2347123	+	2	69	ATG	TAA	0	0	
mORF_+_2347157	2347157	2347321	+	2	165	ATG	TAA	0	0	
mORF_+_2347302	2347302	2347424	+	3	123	TTG	TAG	0	0	
mORF_+_2347349	2347349	2347420	+	2	72	ATG	TAG	0	0	

mORF_+_2347449	2347449	2347466	+	3	18	TTG	TAA	0	0
mORF_+_2347479	2347479	2347520	+	3	42	TTG	TAA	0	0
mORF_+_2347526	2347526	2347600	+	2	75	ATG	TAG	0	0
mORF_+_2347536	2347536	2347547	+	3	12	GTG	TGA	0	0
mORF_+_2347566	2347566	2347577	+	3	12	GTG	TAA	0	0
mORF_+_2347588	2347588	2347605	+	1	18	TTG	TGA	0	0
mORF_+_2347602	2347602	2347637	+	3	36	TTG	TAG	0	0
mORF_+_2347625	2347625	2347660	+	2	36	TTG	TAA	0	0
mORF_+_2347663	2347663	2347686	+	1	24	GTG	TGA	0	0
mORF_+_2347683	2347683	2347712	+	3	30	GTG	TGA	0	0
mORF_+_2347709	2347709	2347915	+	2	207	ATG	TGA	0	0
mORF_+_2347770	2347770	2347850	+	3	81	TTG	TAG	0	0
mORF_+_2347783	2347783	2347836	+	1	54	GTG	TAA	0	0
mORF_+_2347879	2347879	2347920	+	1	42	GTG	TGA	0	0
mORF_+_2347902	2347902	2347937	+	3	36	TTG	TGA	0	0
mORF_+_2347927	2347927	2348046	+	1	120	ATG	TAA	0	0
mORF_+_2347934	2347934	2347954	+	2	21	ATG	TAA	0	0
mORF_+_2348024	2348024	2348050	+	2	27	TTG	TGA	0	0
mORF_+_2348063	2348063	2348098	+	2	36	GTG	TAA	0	0
mORF_+_2348101	2348101	2348562	+	1	462	ATG	TAA	0	0
mORF_+_2348138	2348138	2348194	+	2	57	ATG	TAA	0	0
mORF_+_2348169	2348169	2348249	+	3	81	ATG	TAA	0	0
mORF_+_2348234	2348234	2348263	+	2	30	ATG	TAG	0	0
mORF_+_2348264	2348264	2348269	+	2	6	TTG	TAA	0	0
mORF_+_2348342	2348342	2348419	+	2	78	TTG	TAA	0	0
mORF_+_2348438	2348438	2348443	+	2	6	GTG	TAA	0	0
mORF_+_2348472	2348472	2348519	+	3	48	TTG	TGA	0	0
mORF_+_2348516	2348516	2348530	+	2	15	TTG	TAA	0	0
mORF_+_2348594	2348594	2348641	+	2	48	GTG	TAA	0	0
mORF_+_2348596	2348596	2349114	+	1	519	GTG	TAA	0	0
mORF_+_2348622	2348622	2348684	+	3	63	TTG	TAA	0	0
mORF_+_2348711	2348711	2348728	+	2	18	GTG	TAG	0	0
mORF_+_2348741	2348741	2348794	+	2	54	TTG	TAA	0	0
mORF_+_2348816	2348816	2348854	+	2	39	TTG	TAA	0	0
mORF_+_2348883	2348883	2348936	+	3	54	TTG	TGA	0	0
mORF_+_2348933	2348933	2349064	+	2	132	ATG	TAA	0	0
mORF_+_2348964	2348964	2348981	+	3	18	TTG	TGA	0	0
mORF_+_2349048	2349048	2349182	+	3	135	TTG	TAG	0	0
mORF_+_2349065	2349065	2349535	+	2	471	TTG	TAG	0	0
mORF_+_2349268	2349268	2349330	+	1	63	GTG	TAA	0	0
mORF_+_2349355	2349355	2349390	+	1	36	TTG	TAG	0	0
mORF_+_2349396	2349396	2349506	+	3	111	ATG	TAA	0	0
mORF_+_2349406	2349406	2349414	+	1	9	GTG	TAA	0	0
mORF_+_2349427	2349427	2349549	+	1	123	TTG	TAA	0	0
mORF_+_2349542	2349542	2349571	+	2	30	ATG	TGA	0	0
mORF_+_2349568	2349568	2349663	+	1	96	GTG	TGA	0	0
mORF_+_2349582	2349582	2349590	+	3	9	ATG	TAA	0	0
mORF_+_2349612	2349612	2349707	+	3	96	TTG	TAG	0	0
mORF_+_2349668	2349668	2349793	+	2	126	TTG	TAA	0	0
mORF_+_2349726	2349726	2349827	+	3	102	TTG	TAG	0	0
mORF_+_2349793	2349793	2349849	+	1	57	ATG	TGA	0	0
mORF_+_2349836	2349836	2349922	+	2	87	ATG	TGA	0	0
mORF_+_2349846	2349846	2350172	+	3	327	TTG	TAA	0	0
mORF_+_2349956	2349956	2350204	+	2	249	GTG	TAA	0	0
mORF_+_2350054	2350054	2350071	+	1	18	ATG	TAA	0	0
mORF_+_2350213	2350213	2350245	+	1	33	GTG	TAG	0	0
mORF_+_2350310	2350310	2350357	+	2	48	TTG	TAA	0	0
mORF_+_2350365	2350365	2350430	+	3	66	TTG	TGA	0	0
mORF_+_2350367	2350367	2350399	+	2	33	GTG	TGA	0	0
mORF_+_2350369	2350369	2350383	+	1	15	GTG	TAA	0	0
mORF_+_2350396	2350396	2350434	+	1	39	TTG	TAA	0	0
mORF_+_2350415	2350415	2350450	+	2	36	GTG	TGA	0	0
mORF_+_2350447	2350447	2350470	+	1	24	GTG	TGA	0	0

mORF_+_2350467	2350467	2350505	+	3	39	TTG	TAA	0	0	
mORF_+_2350472	2350472	2350486	+	2	15	TTG	TAA	0	0	
mORF_+_2350480	2350480	2350500	+	1	21	ATG	TAA	0	0	
mORF_+_2350506	2350506	2350511	+	3	6	ATG	TGA	0	0	
mORF_+_2350508	2350508	2350531	+	2	24	GTG	TAA	0	0	
mORF_+_2350513	2350513	2350644	+	1	132	TTG	TAA	0	0	
mORF_+_2350562	2350562	2350591	+	2	30	ATG	TGA	0	0	
mORF_+_2350598	2350598	2350666	+	2	69	ATG	TAA	0	0	
mORF_+_2350638	2350638	2350697	+	3	60	ATG	TGA	0	0	
mORF_+_2350669	2350669	2352297	+	1	1629	ATG	TGA	9	63	pORF_+_2350669
mORF_+_2350694	2350694	2350702	+	2	9	GTG	TGA	0	0	
mORF_+_2350709	2350709	2350771	+	2	63	TTG	TGA	0	0	
mORF_+_2350778	2350778	2350855	+	2	78	TTG	TAA	0	0	
mORF_+_2350859	2350859	2350903	+	2	45	ATG	TGA	0	0	
mORF_+_2350878	2350878	2350886	+	3	9	ATG	TAG	0	0	
mORF_+_2350910	2350910	2351032	+	2	123	TTG	TAG	0	0	
mORF_+_2351081	2351081	2351092	+	2	12	TTG	TGA	0	0	
mORF_+_2351102	2351102	2351128	+	2	27	ATG	TGA	0	0	
mORF_+_2351147	2351147	2351200	+	2	54	ATG	TGA	0	0	
mORF_+_2351204	2351204	2351371	+	2	168	GTG	TGA	0	0	
mORF_+_2351220	2351220	2351240	+	3	21	GTG	TAA	0	0	
mORF_+_2351396	2351396	2351401	+	2	6	ATG	TGA	0	0	
mORF_+_2351465	2351465	2351518	+	2	54	TTG	TGA	0	0	
mORF_+_2351531	2351531	2351572	+	2	42	TTG	TGA	0	0	
mORF_+_2351621	2351621	2351734	+	2	114	TTG	TGA	0	0	
mORF_+_2351757	2351757	2351849	+	3	93	ATG	TGA	0	0	
mORF_+_2351912	2351912	2351938	+	2	27	ATG	TGA	0	0	
mORF_+_2351967	2351967	2351972	+	3	6	ATG	TGA	0	0	
mORF_+_2351969	2351969	2351986	+	2	18	GTG	TAA	0	0	
mORF_+_2351973	2351973	2351996	+	3	24	GTG	TGA	0	0	
mORF_+_2351993	2351993	2352013	+	2	21	GTG	TAG	0	0	
mORF_+_2352059	2352059	2353546	+	2	1488	GTG	TGA	5	18	pORF_+_2352059
mORF_+_2352261	2352261	2352431	+	3	171	GTG	TGA	0	0	
mORF_+_2352444	2352444	2352458	+	3	15	ATG	TGA	0	0	
mORF_+_2352471	2352471	2352569	+	3	99	GTG	TAA	0	0	
mORF_+_2352550	2352550	2352576	+	1	27	TTG	TGA	0	0	
mORF_+_2352582	2352582	2352605	+	3	24	GTG	TAG	0	0	
mORF_+_2352609	2352609	2352659	+	3	51	TTG	TAA	0	0	
mORF_+_2352703	2352703	2352720	+	1	18	ATG	TAG	0	0	
mORF_+_2352705	2352705	2352710	+	3	6	GTG	TAG	0	0	
mORF_+_2352747	2352747	2352800	+	3	54	TTG	TAG	0	0	
mORF_+_2352816	2352816	2352854	+	3	39	ATG	TGA	0	0	
mORF_+_2352870	2352870	2352938	+	3	69	TTG	TGA	0	0	
mORF_+_2352969	2352969	2352992	+	3	24	ATG	TGA	0	0	
mORF_+_2352979	2352979	2352996	+	1	18	GTG	TGA	0	0	
mORF_+_2352993	2352993	2353016	+	3	24	ATG	TGA	0	0	
mORF_+_2353006	2353006	2353119	+	1	114	TTG	TGA	0	0	
mORF_+_2353083	2353083	2353124	+	3	42	TTG	TGA	0	0	
mORF_+_2353143	2353143	2353151	+	3	9	ATG	TAG	0	0	
mORF_+_2353233	2353233	2353247	+	3	15	GTG	TAG	0	0	
mORF_+_2353284	2353284	2353367	+	3	84	TTG	TAA	0	0	
mORF_+_2353315	2353315	2353323	+	1	9	ATG	TAA	0	0	
mORF_+_2353348	2353348	2353374	+	1	27	GTG	TGA	0	0	
mORF_+_2353374	2353374	2353550	+	3	177	ATG	TGA	0	0	
mORF_+_2353468	2353468	2354733	+	1	1266	ATG	TAA	0	0	
mORF_+_2353547	2353547	2353606	+	2	60	ATG	TGA	0	0	
mORF_+_2353575	2353575	2353691	+	3	117	GTG	TGA	0	0	
mORF_+_2353652	2353652	2353672	+	2	21	ATG	TGA	0	0	
mORF_+_2353676	2353676	2353702	+	2	27	ATG	TGA	0	0	
mORF_+_2353707	2353707	2353730	+	3	24	TTG	TGA	0	0	
mORF_+_2353727	2353727	2353753	+	2	27	GTG	TGA	0	0	
mORF_+_2353757	2353757	2353828	+	2	72	TTG	TGA	0	0	
mORF_+_2353916	2353916	2353930	+	2	15	TTG	TAA	0	0	

mORF_+_2354117	2354117	2354161	+	2	45	GTG	TAA	0	0	
mORF_+_2354142	2354142	2354183	+	3	42	ATG	TAA	0	0	
mORF_+_2354207	2354207	2354212	+	2	6	ATG	TAG	0	0	
mORF_+_2354255	2354255	2354311	+	2	57	TTG	TGA	0	0	
mORF_+_2354312	2354312	2354401	+	2	90	ATG	TGA	0	0	
mORF_+_2354364	2354364	2354489	+	3	126	GTG	TAA	0	0	
mORF_+_2354501	2354501	2354509	+	2	9	TTG	TAA	0	0	
mORF_+_2354526	2354526	2354660	+	3	135	GTG	TAA	0	0	
mORF_+_2354537	2354537	2354614	+	2	78	TTG	TAG	0	0	
mORF_+_2354661	2354661	2354672	+	3	12	ATG	TGA	0	0	
mORF_+_2354669	2354669	2354755	+	2	87	TTG	TAA	0	0	
mORF_+_2354745	2354745	2354822	+	3	78	ATG	TGA	0	0	
mORF_+_2354758	2354758	2354883	+	1	126	ATG	TAA	0	0	
mORF_+_2354777	2354777	2354854	+	2	78	TTG	TGA	0	0	
mORF_+_2354864	2354864	2354905	+	2	42	ATG	TAA	0	0	
mORF_+_2354889	2354889	2354957	+	3	69	ATG	TGA	0	0	
mORF_+_2354926	2354926	2355825	+	1	900	ATG	TAA	0	0	
mORF_+_2354954	2354954	2355166	+	2	213	ATG	TGA	0	0	
mORF_+_2355042	2355042	2355077	+	3	36	TTG	TAG	0	0	
mORF_+_2355120	2355120	2355146	+	3	27	GTG	TGA	0	0	
mORF_+_2355167	2355167	2355211	+	2	45	TTG	TAA	0	0	
mORF_+_2355218	2355218	2355445	+	2	228	ATG	TAG	0	0	
mORF_+_2355539	2355539	2355655	+	2	117	ATG	TAA	0	0	
mORF_+_2355579	2355579	2355614	+	3	36	ATG	TGA	0	0	
mORF_+_2355662	2355662	2355838	+	2	177	TTG	TAA	0	0	
mORF_+_2355838	2355838	2356023	+	1	186	ATG	TAA	0	0	
mORF_+_2355845	2355845	2355901	+	2	57	TTG	TAG	0	0	
mORF_+_2355911	2355911	2355991	+	2	81	ATG	TAA	0	0	
mORF_+_2356050	2356050	2356061	+	3	12	ATG	TGA	0	0	
mORF_+_2356058	2356058	2356102	+	2	45	TTG	TGA	0	0	
mORF_+_2356080	2356080	2356124	+	3	45	ATG	TGA	0	0	
mORF_+_2356084	2356084	2356107	+	1	24	GTG	TAA	0	0	
mORF_+_2356121	2356121	2356588	+	2	468	TTG	TAG	1	6	pORF_+_2356121
mORF_+_2356149	2356149	2356313	+	3	165	GTG	TAG	0	0	
mORF_+_2356396	2356396	2356443	+	1	48	GTG	TAA	0	0	
mORF_+_2356452	2356452	2356457	+	3	6	ATG	TAA	0	0	
mORF_+_2356464	2356464	2356520	+	3	57	ATG	TAG	0	0	
mORF_+_2356486	2356486	2356620	+	1	135	GTG	TAA	0	0	
mORF_+_2356533	2356533	2356550	+	3	18	GTG	TGA	0	0	
mORF_+_2356592	2356592	2356687	+	2	96	TTG	TAG	0	0	
mORF_+_2356691	2356691	2356792	+	2	102	ATG	TGA	0	0	
mORF_+_2356707	2356707	2356751	+	3	45	ATG	TAA	0	0	
mORF_+_2356714	2356714	2356842	+	1	129	TTG	TAA	0	0	
mORF_+_2356758	2356758	2356781	+	3	24	GTG	TAG	0	0	
mORF_+_2356811	2356811	2356831	+	2	21	TTG	TAA	0	0	
mORF_+_2356824	2356824	2356937	+	3	114	TTG	TGA	0	0	
mORF_+_2356858	2356858	2356983	+	1	126	ATG	TAA	0	0	
mORF_+_2356916	2356916	2357284	+	2	369	GTG	TAG	0	0	
mORF_+_2357110	2357110	2357238	+	1	129	TTG	TAA	0	0	
mORF_+_2357112	2357112	2357150	+	3	39	GTG	TAA	0	0	
mORF_+_2357238	2357238	2357294	+	3	57	ATG	TAA	0	0	
mORF_+_2357327	2357327	2357413	+	2	87	ATG	TAA	0	0	
mORF_+_2357361	2357361	2357441	+	3	81	TTG	TAA	0	0	
mORF_+_2357426	2357426	2357437	+	2	12	ATG	TAG	0	0	
mORF_+_2357449	2357449	2357706	+	1	258	TTG	TGA	0	0	
mORF_+_2357514	2357514	2357528	+	3	15	TTG	TGA	0	0	
mORF_+_2357525	2357525	2357740	+	2	216	TTG	TAG	0	0	
mORF_+_2357562	2357562	2357600	+	3	39	GTG	TGA	0	0	
mORF_+_2357703	2357703	2357753	+	3	51	GTG	TAA	0	0	
mORF_+_2357753	2357753	2357797	+	2	45	ATG	TAA	0	0	
mORF_+_2357782	2357782	2358126	+	1	345	TTG	TAA	0	0	
mORF_+_2357840	2357840	2358019	+	2	180	GTG	TAA	0	0	
mORF_+_2357877	2357877	2358116	+	3	240	ATG	TAA	0	0	

mORF_+_2358059	2358059	2358271	+	2	213	TTG	TGA	0	0
mORF_+_2358192	2358192	2358230	+	3	39	ATG	TGA	0	0
mORF_+_2358234	2358234	2358305	+	3	72	GTG	TGA	0	0
mORF_+_2358256	2358256	2358312	+	1	57	TTG	TGA	0	0
mORF_+_2358309	2358309	2358377	+	3	69	ATG	TGA	0	0
mORF_+_2358340	2358340	2358444	+	1	105	TTG	TGA	0	0
mORF_+_2358374	2358374	2358409	+	2	36	TTG	TGA	0	0
mORF_+_2358410	2358410	2358424	+	2	15	ATG	TGA	0	0
mORF_+_2358438	2358438	2358524	+	3	87	ATG	TAA	0	0
mORF_+_2358490	2358490	2358663	+	1	174	TTG	TAA	0	0
mORF_+_2358497	2358497	2358556	+	2	60	TTG	TAA	0	0
mORF_+_2358591	2358591	2358782	+	3	192	TTG	TAA	0	0
mORF_+_2358596	2358596	2358622	+	2	27	GTG	TGA	0	0
mORF_+_2358677	2358677	2358826	+	2	150	GTG	TAG	0	0
mORF_+_2358736	2358736	2358747	+	1	12	TTG	TAG	0	0
mORF_+_2358835	2358835	2358939	+	1	105	TTG	TAG	0	0
mORF_+_2358858	2358858	2358971	+	3	114	ATG	TAA	0	0
mORF_+_2358860	2358860	2358895	+	2	36	GTG	TAA	0	0
mORF_+_2358908	2358908	2359090	+	2	183	TTG	TGA	0	0
mORF_+_2359000	2359000	2359074	+	1	75	TTG	TAA	0	0
mORF_+_2359081	2359081	2359098	+	1	18	GTG	TGA	0	0
mORF_+_2359095	2359095	2359268	+	3	174	TTG	TGA	0	0
mORF_+_2359111	2359111	2359287	+	1	177	TTG	TAA	0	0
mORF_+_2359265	2359265	2359399	+	2	135	ATG	TAA	0	0
mORF_+_2359309	2359309	2359320	+	1	12	GTG	TGA	0	0
mORF_+_2359317	2359317	2359430	+	3	114	ATG	TAG	0	0
mORF_+_2359424	2359424	2359438	+	2	15	TTG	TGA	0	0
mORF_+_2359435	2359435	2359557	+	1	123	ATG	TGA	0	0
mORF_+_2359448	2359448	2359456	+	2	9	TTG	TGA	0	0
mORF_+_2359460	2359460	2359465	+	2	6	TTG	TAA	0	0
mORF_+_2359518	2359518	2359538	+	3	21	ATG	TAA	0	0
mORF_+_2359554	2359554	2359649	+	3	96	TTG	TAA	0	0
mORF_+_2359559	2359559	2359564	+	2	6	TTG	TAA	0	0
mORF_+_2359659	2359659	2359667	+	3	9	TTG	TAG	0	0
mORF_+_2359703	2359703	2359876	+	2	174	GTG	TGA	0	0
mORF_+_2359714	2359714	2359725	+	1	12	GTG	TAA	0	0
mORF_+_2359729	2359729	2359767	+	1	39	TTG	TAA	0	0
mORF_+_2359731	2359731	2359829	+	3	99	GTG	TAA	0	0
mORF_+_2359869	2359869	2359898	+	3	30	GTG	TAA	0	0
mORF_+_2359876	2359876	2359920	+	1	45	ATG	TAA	0	0
mORF_+_2359928	2359928	2359936	+	2	9	GTG	TAA	0	0
mORF_+_2359944	2359944	2360012	+	3	69	GTG	TGA	0	0
mORF_+_2359958	2359958	2360005	+	2	48	TTG	TAA	0	0
mORF_+_2360009	2360009	2360224	+	2	216	ATG	TGA	0	0
mORF_+_2360112	2360112	2360294	+	3	183	GTG	TGA	0	0
mORF_+_2360131	2360131	2360142	+	1	12	ATG	TGA	0	0
mORF_+_2360200	2360200	2360286	+	1	87	GTG	TAA	0	0
mORF_+_2360270	2360270	2360353	+	2	84	TTG	TGA	0	0
mORF_+_2360350	2360350	2360577	+	1	228	GTG	TAG	0	0
mORF_+_2360391	2360391	2360432	+	3	42	TTG	TAA	0	0
mORF_+_2360402	2360402	2360464	+	2	63	TTG	TAA	0	0
mORF_+_2360469	2360469	2360570	+	3	102	ATG	TGA	0	0
mORF_+_2360495	2360495	2360524	+	2	30	ATG	TAA	0	0
mORF_+_2360595	2360595	2361026	+	3	432	GTG	TAG	0	0
mORF_+_2360654	2360654	2360758	+	2	105	ATG	TGA	0	0
mORF_+_2360683	2360683	2360721	+	1	39	GTG	TAA	0	0
mORF_+_2360755	2360755	2360829	+	1	75	GTG	TGA	0	0
mORF_+_2360804	2360804	2360818	+	2	15	TTG	TAA	0	0
mORF_+_2360831	2360831	2361016	+	2	186	TTG	TGA	0	0
mORF_+_2360977	2360977	2360991	+	1	15	TTG	TGA	0	0
mORF_+_2361013	2361013	2361102	+	1	90	TTG	TAG	0	0
mORF_+_2361050	2361050	2361055	+	2	6	TTG	TAG	0	0
mORF_+_2361057	2361057	2361350	+	3	294	GTG	TAG	0	0

mORF_+_2361068	2361068	2361133	+	2	66	TTG	TAA	0	0
mORF_+_2361167	2361167	2361193	+	2	27	GTG	TGA	0	0
mORF_+_2361302	2361302	2361427	+	2	126	TTG	TAA	0	0
mORF_+_2361319	2361319	2361366	+	1	48	GTG	TGA	0	0
mORF_+_2361363	2361363	2361482	+	3	120	TTG	TGA	0	0
mORF_+_2361400	2361400	2361459	+	1	60	TTG	TAA	0	0
mORF_+_2361476	2361476	2361508	+	2	33	GTG	TAA	0	0
mORF_+_2361498	2361498	2361560	+	3	63	ATG	TGA	0	0
mORF_+_2361547	2361547	2361594	+	1	48	ATG	TAG	0	0
mORF_+_2361560	2361560	2361616	+	2	57	ATG	TAA	0	0
mORF_+_2361594	2361594	2361839	+	3	246	GTG	TAG	0	0
mORF_+_2361671	2361671	2361712	+	2	42	TTG	TAG	0	0
mORF_+_2361724	2361724	2361771	+	1	48	ATG	TAA	0	0
mORF_+_2361737	2361737	2362075	+	2	339	ATG	TAA	0	0
mORF_+_2361873	2361873	2361881	+	3	9	ATG	TAA	0	0
mORF_+_2361972	2361972	2362016	+	3	45	TTG	TAA	0	0
mORF_+_2362038	2362038	2362046	+	3	9	TTG	TAA	0	0
mORF_+_2362136	2362136	2362156	+	2	21	ATG	TAA	0	0
mORF_+_2362138	2362138	2362227	+	1	90	GTG	TGA	0	0
mORF_+_2362197	2362197	2362220	+	3	24	TTG	TGA	0	0
mORF_+_2362227	2362227	2362322	+	3	96	ATG	TAA	0	0
mORF_+_2362234	2362234	2362242	+	1	9	TTG	TGA	0	0
mORF_+_2362246	2362246	2362410	+	1	165	ATG	TAA	0	0
mORF_+_2362346	2362346	2362375	+	2	30	TTG	TGA	0	0
mORF_+_2362401	2362401	2362406	+	3	6	TTG	TAA	0	0
mORF_+_2362430	2362430	2362444	+	2	15	ATG	TAA	0	0
mORF_+_2362524	2362524	2362529	+	3	6	TTG	TGA	0	0
mORF_+_2362526	2362526	2362564	+	2	39	GTG	TAA	0	0
mORF_+_2362576	2362576	2363001	+	1	426	GTG	TAA	0	0
mORF_+_2362592	2362592	2362606	+	2	15	TTG	TGA	0	0
mORF_+_2362596	2362596	2362616	+	3	21	ATG	TGA	0	0
mORF_+_2362613	2362613	2362768	+	2	156	ATG	TGA	0	0
mORF_+_2362632	2362632	2362637	+	3	6	GTG	TAA	0	0
mORF_+_2362671	2362671	2362715	+	3	45	ATG	TGA	0	0
mORF_+_2362782	2362782	2362799	+	3	18	GTG	TGA	0	0
mORF_+_2362796	2362796	2362849	+	2	54	ATG	TGA	0	0
mORF_+_2362862	2362862	2362891	+	2	30	TTG	TGA	0	0
mORF_+_2362920	2362920	2362934	+	3	15	GTG	TGA	0	0
mORF_+_2362949	2362949	2362957	+	2	9	ATG	TGA	0	0
mORF_+_2362958	2362958	2362987	+	2	30	ATG	TGA	0	0
mORF_+_2363004	2363004	2363099	+	3	96	ATG	TAA	0	0
mORF_+_2363032	2363032	2363043	+	1	12	TTG	TAG	0	0
mORF_+_2363074	2363074	2363112	+	1	39	TTG	TAA	0	0
mORF_+_2363123	2363123	2363146	+	2	24	ATG	TAG	0	0
mORF_+_2363153	2363153	2363176	+	2	24	ATG	TGA	0	0
mORF_+_2363163	2363163	2363213	+	3	51	ATG	TAA	0	0
mORF_+_2363173	2363173	2363232	+	1	60	GTG	TAA	0	0
mORF_+_2363222	2363222	2363299	+	2	78	TTG	TAG	0	0
mORF_+_2363308	2363308	2363334	+	1	27	ATG	TAA	0	0
mORF_+_2363368	2363368	2363433	+	1	66	TTG	TGA	0	0
mORF_+_2363430	2363430	2363441	+	3	12	TTG	TGA	0	0
mORF_+_2363434	2363434	2363463	+	1	30	TTG	TGA	0	0
mORF_+_2363438	2363438	2363596	+	2	159	TTG	TGA	0	0
mORF_+_2363460	2363460	2363591	+	3	132	ATG	TAA	0	0
mORF_+_2363515	2363515	2363556	+	1	42	TTG	TGA	0	0
mORF_+_2363593	2363593	2363646	+	1	54	ATG	TAA	0	0
mORF_+_2363609	2363609	2363659	+	2	51	TTG	TAG	0	0
mORF_+_2363683	2363683	2363727	+	1	45	GTG	TAA	0	0
mORF_+_2363744	2363744	2363791	+	2	48	ATG	TAA	0	0
mORF_+_2363755	2363755	2363787	+	1	33	ATG	TAA	0	0
mORF_+_2363775	2363775	2363825	+	3	51	ATG	TAA	0	0
mORF_+_2363878	2363878	2363907	+	1	30	ATG	TAG	0	0
mORF_+_2363917	2363917	2365089	+	1	1173	GTG	TAA	4	8

pORF_+_2363917

mORF_+_2364030	2364030	2364065	+	3	36	TTG	TGA	0	0
mORF_+_2364062	2364062	2364085	+	2	24	TTG	TGA	0	0
mORF_+_2364075	2364075	2364173	+	3	99	TTG	TGA	0	0
mORF_+_2364098	2364098	2364145	+	2	48	ATG	TAA	0	0
mORF_+_2364158	2364158	2364178	+	2	21	TTG	TGA	0	0
mORF_+_2364230	2364230	2364244	+	2	15	GTG	TAA	0	0
mORF_+_2364251	2364251	2364271	+	2	21	ATG	TGA	0	0
mORF_+_2364338	2364338	2364523	+	2	186	ATG	TGA	0	0
mORF_+_2364524	2364524	2364529	+	2	6	TTG	TAA	0	0
mORF_+_2364536	2364536	2364568	+	2	33	ATG	TGA	0	0
mORF_+_2364584	2364584	2364640	+	2	57	GTG	TAA	0	0
mORF_+_2364683	2364683	2364691	+	2	9	TTG	TGA	0	0
mORF_+_2364737	2364737	2364787	+	2	51	TTG	TAA	0	0
mORF_+_2364836	2364836	2364877	+	2	42	GTG	TGA	0	0
mORF_+_2364852	2364852	2364995	+	3	144	TTG	TAG	0	0
mORF_+_2364902	2364902	2365033	+	2	132	TTG	TGA	0	0
mORF_+_2365043	2365043	2365171	+	2	129	ATG	TAA	0	0
mORF_+_2365093	2365093	2366061	+	1	969	ATG	TAA	0	0
mORF_+_2365193	2365193	2365228	+	2	36	GTG	TGA	0	0
mORF_+_2365229	2365229	2365378	+	2	150	TTG	TAA	0	0
mORF_+_2365388	2365388	2365465	+	2	78	TTG	TAG	0	0
mORF_+_2365562	2365562	2365744	+	2	183	GTG	TGA	0	0
mORF_+_2365572	2365572	2365628	+	3	57	TTG	TGA	0	0
mORF_+_2365820	2365820	2365858	+	2	39	TTG	TGA	0	0
mORF_+_2365884	2365884	2365970	+	3	87	ATG	TGA	0	0
mORF_+_2365913	2365913	2366110	+	2	198	TTG	TGA	0	0
mORF_+_2366061	2366061	2368043	+	3	1983	ATG	TGA	0	0
mORF_+_2366077	2366077	2366295	+	1	219	TTG	TGA	0	0
mORF_+_2366258	2366258	2366365	+	2	108	GTG	TAA	0	0
mORF_+_2366356	2366356	2366412	+	1	57	GTG	TGA	0	0
mORF_+_2366431	2366431	2366469	+	1	39	GTG	TGA	0	0
mORF_+_2366473	2366473	2366838	+	1	366	GTG	TGA	0	0
mORF_+_2366555	2366555	2366602	+	2	48	GTG	TAA	0	0
mORF_+_2366687	2366687	2366695	+	2	9	ATG	TAA	0	0
mORF_+_2366741	2366741	2366977	+	2	237	GTG	TAG	0	0
mORF_+_2366845	2366845	2366859	+	1	15	TTG	TGA	0	0
mORF_+_2366860	2366860	2366937	+	1	78	TTG	TAG	0	0
mORF_+_2367031	2367031	2367054	+	1	24	ATG	TGA	0	0
mORF_+_2367082	2367082	2367120	+	1	39	ATG	TAA	0	0
mORF_+_2367151	2367151	2367237	+	1	87	TTG	TAG	0	0
mORF_+_2367182	2367182	2367190	+	2	9	ATG	TGA	0	0
mORF_+_2367206	2367206	2367211	+	2	6	ATG	TGA	0	0
mORF_+_2367247	2367247	2367324	+	1	78	TTG	TGA	0	0
mORF_+_2367367	2367367	2367414	+	1	48	ATG	TAA	0	0
mORF_+_2367374	2367374	2367379	+	2	6	GTG	TAG	0	0
mORF_+_2367469	2367469	2367480	+	1	12	TTG	TGA	0	0
mORF_+_2367490	2367490	2367621	+	1	132	ATG	TAG	0	0
mORF_+_2367643	2367643	2367909	+	1	267	TTG	TAG	0	0
mORF_+_2367934	2367934	2368065	+	1	132	ATG	TGA	0	0
mORF_+_2368040	2368040	2368930	+	2	891	ATG	TGA	0	0
mORF_+_2368062	2368062	2368121	+	3	60	TTG	TGA	0	0
mORF_+_2368213	2368213	2368290	+	1	78	GTG	TAA	0	0
mORF_+_2368248	2368248	2368415	+	3	168	ATG	TGA	0	0
mORF_+_2368425	2368425	2368472	+	3	48	TTG	TAA	0	0
mORF_+_2368497	2368497	2368514	+	3	18	GTG	TGA	0	0
mORF_+_2368555	2368555	2368644	+	1	90	TTG	TGA	0	0
mORF_+_2368560	2368560	2368625	+	3	66	GTG	TGA	0	0
mORF_+_2368641	2368641	2368649	+	3	9	ATG	TGA	0	0
mORF_+_2368650	2368650	2368664	+	3	15	TTG	TGA	0	0
mORF_+_2368684	2368684	2368713	+	1	30	TTG	TAA	0	0
mORF_+_2368737	2368737	2368811	+	3	75	ATG	TGA	0	0
mORF_+_2368816	2368816	2368890	+	1	75	TTG	TGA	0	0
mORF_+_2368863	2368863	2369024	+	3	162	TTG	TGA	0	0

mORF_+_2368903	2368903	2368923	+	1	21	TTG	TAG	0	0	
mORF_+_2368930	2368930	2370582	+	1	1653	ATG	TGA	1	2	pORF_+_2368930
mORF_+_2368970	2368970	2369092	+	2	123	TTG	TAG	0	0	
mORF_+_2369117	2369117	2369209	+	2	93	TTG	TAA	0	0	
mORF_+_2369148	2369148	2369168	+	3	21	ATG	TAA	0	0	
mORF_+_2369244	2369244	2369255	+	3	12	ATG	TAA	0	0	
mORF_+_2369300	2369300	2369458	+	2	159	TTG	TGA	0	0	
mORF_+_2369367	2369367	2369624	+	3	258	GTG	TAA	0	0	
mORF_+_2369480	2369480	2369497	+	2	18	TTG	TAA	0	0	
mORF_+_2369648	2369648	2369815	+	2	168	TTG	TGA	0	0	
mORF_+_2369739	2369739	2369855	+	3	117	GTG	TAA	0	0	
mORF_+_2369888	2369888	2369908	+	2	21	TTG	TGA	0	0	
mORF_+_2369963	2369963	2370037	+	2	75	ATG	TGA	0	0	
mORF_+_2370024	2370024	2370071	+	3	48	GTG	TAA	0	0	
mORF_+_2370078	2370078	2370209	+	3	132	TTG	TGA	0	0	
mORF_+_2370080	2370080	2370130	+	2	51	GTG	TAA	0	0	
mORF_+_2370155	2370155	2370193	+	2	39	TTG	TAG	0	0	
mORF_+_2370242	2370242	2370253	+	2	12	TTG	TGA	0	0	
mORF_+_2370302	2370302	2370373	+	2	72	GTG	TGA	0	0	
mORF_+_2370321	2370321	2370341	+	3	21	ATG	TGA	0	0	
mORF_+_2370395	2370395	2370562	+	2	168	ATG	TGA	0	0	
mORF_+_2370579	2370579	2370914	+	3	336	ATG	TAA	0	0	
mORF_+_2370601	2370601	2370666	+	1	66	TTG	TAA	0	0	
mORF_+_2370632	2370632	2371300	+	2	669	GTG	TGA	1	4	pORF_+_2370632
mORF_+_2370718	2370718	2370768	+	1	51	TTG	TAG	0	0	
mORF_+_2370772	2370772	2370789	+	1	18	TTG	TAA	0	0	
mORF_+_2370799	2370799	2370810	+	1	12	TTG	TGA	0	0	
mORF_+_2370862	2370862	2370894	+	1	33	GTG	TGA	0	0	
mORF_+_2370925	2370925	2371110	+	1	186	GTG	TAA	0	0	
mORF_+_2370948	2370948	2370968	+	3	21	TTG	TAA	0	0	
mORF_+_2370978	2370978	2371004	+	3	27	TTG	TGA	0	0	
mORF_+_2371041	2371041	2371133	+	3	93	TTG	TAA	0	0	
mORF_+_2371143	2371143	2371160	+	3	18	ATG	TGA	0	0	
mORF_+_2371164	2371164	2371223	+	3	60	ATG	TGA	0	0	
mORF_+_2371174	2371174	2371428	+	1	255	ATG	TAA	0	0	
mORF_+_2371353	2371353	2371394	+	3	42	TTG	TAA	0	0	
mORF_+_2371510	2371510	2371614	+	1	105	ATG	TAA	0	0	
mORF_+_2371529	2371529	2371669	+	2	141	TTG	TAA	0	0	
mORF_+_2371560	2371560	2371580	+	3	21	TTG	TAA	0	0	
mORF_+_2371632	2371632	2371649	+	3	18	ATG	TGA	0	0	
mORF_+_2371653	2371653	2371679	+	3	27	GTG	TGA	0	0	
mORF_+_2371673	2371673	2371699	+	2	27	TTG	TAG	0	0	
mORF_+_2371708	2371708	2371719	+	1	12	GTG	TAA	0	0	
mORF_+_2371766	2371766	2371966	+	2	201	TTG	TAG	0	0	
mORF_+_2371863	2371863	2371940	+	3	78	TTG	TGA	0	0	
mORF_+_2371906	2371906	2371959	+	1	54	GTG	TGA	0	0	
mORF_+_2371968	2371968	2372081	+	3	114	TTG	TAA	0	0	
mORF_+_2372003	2372003	2372056	+	2	54	ATG	TGA	0	0	
mORF_+_2372053	2372053	2372124	+	1	72	GTG	TAA	0	0	
mORF_+_2372063	2372063	2372296	+	2	234	TTG	TAA	0	0	
mORF_+_2372196	2372196	2372222	+	3	27	GTG	TAG	0	0	
mORF_+_2372345	2372345	2372362	+	2	18	TTG	TGA	0	0	
mORF_+_2372347	2372347	2372451	+	1	105	GTG	TAA	0	0	
mORF_+_2372366	2372366	2372437	+	2	72	GTG	TAA	0	0	
mORF_+_2372468	2372468	2372482	+	2	15	GTG	TAA	0	0	
mORF_+_2372501	2372501	2372527	+	2	27	GTG	TAA	0	0	
mORF_+_2372534	2372534	2372614	+	2	81	TTG	TGA	0	0	
mORF_+_2372611	2372611	2372640	+	1	30	TTG	TAG	0	0	
mORF_+_2372645	2372645	2372683	+	2	39	ATG	TAA	0	0	
mORF_+_2372647	2372647	2372943	+	1	297	GTG	TGA	0	0	
mORF_+_2372667	2372667	2372774	+	3	108	ATG	TGA	0	0	
mORF_+_2372723	2372723	2372812	+	2	90	TTG	TAA	0	0	
mORF_+_2372834	2372834	2372908	+	2	75	TTG	TAA	0	0	

mORF_+_2372940	2372940	2372999	+	3	60	TTG	TGA	0	0
mORF_+_2372945	2372945	2372965	+	2	21	TTG	TAA	0	0
mORF_+_2372987	2372987	2373442	+	2	456	TTG	TAA	0	0
mORF_+_2373039	2373039	2373203	+	3	165	GTG	TGA	0	0
mORF_+_2373166	2373166	2373174	+	1	9	TTG	TAA	0	0
mORF_+_2373226	2373226	2373756	+	1	531	GTG	TAG	0	0
mORF_+_2373458	2373458	2373472	+	2	15	TTG	TGA	0	0
mORF_+_2373483	2373483	2373590	+	3	108	GTG	TGA	0	0
mORF_+_2373554	2373554	2373676	+	2	123	ATG	TAG	0	0
mORF_+_2373663	2373663	2373833	+	3	171	GTG	TGA	0	0
mORF_+_2373677	2373677	2373829	+	2	153	TTG	TGA	0	0
mORF_+_2373805	2373805	2373915	+	1	111	TTG	TAA	0	0
mORF_+_2373843	2373843	2375006	+	3	1164	GTG	TAA	0	0
mORF_+_2373947	2373947	2374000	+	2	54	ATG	TGA	0	0
mORF_+_2373997	2373997	2374020	+	1	24	TTG	TGA	0	0
mORF_+_2374030	2374030	2374053	+	1	24	TTG	TGA	0	0
mORF_+_2374066	2374066	2374071	+	1	6	ATG	TAG	0	0
mORF_+_2374078	2374078	2374278	+	1	201	ATG	TGA	0	0
mORF_+_2374136	2374136	2374411	+	2	276	GTG	TAG	0	0
mORF_+_2374321	2374321	2374335	+	1	15	ATG	TAG	0	0
mORF_+_2374390	2374390	2374440	+	1	51	ATG	TGA	0	0
mORF_+_2374450	2374450	2374458	+	1	9	ATG	TAG	0	0
mORF_+_2374624	2374624	2374650	+	1	27	ATG	TAA	0	0
mORF_+_2374705	2374705	2374764	+	1	60	TTG	TAA	0	0
mORF_+_2374736	2374736	2374855	+	2	120	TTG	TAG	0	0
mORF_+_2374768	2374768	2374815	+	1	48	ATG	TAA	0	0
mORF_+_2374843	2374843	2374938	+	1	96	TTG	TGA	0	0
mORF_+_2374910	2374910	2375002	+	2	93	ATG	TAA	0	0
mORF_+_2375017	2375017	2375031	+	1	15	ATG	TAA	0	0
mORF_+_2375019	2375019	2375138	+	3	120	GTG	TGA	0	0
mORF_+_2375092	2375092	2375148	+	1	57	TTG	TGA	0	0
mORF_+_2375135	2375135	2375152	+	2	18	TTG	TGA	0	0
mORF_+_2375145	2375145	2375171	+	3	27	TTG	TGA	0	0
mORF_+_2375149	2375149	2375208	+	1	60	GTG	TGA	0	0
mORF_+_2375168	2375168	2375197	+	2	30	TTG	TAA	0	0
mORF_+_2375205	2375205	2375243	+	3	39	GTG	TGA	0	0
mORF_+_2375225	2375225	2375416	+	2	192	TTG	TAA	0	0
mORF_+_2375385	2375385	2375393	+	3	9	ATG	TAA	0	0
mORF_+_2375421	2375421	2375468	+	3	48	GTG	TGA	0	0
mORF_+_2375465	2375465	2375494	+	2	30	GTG	TGA	0	0
mORF_+_2375491	2375491	2375616	+	1	126	GTG	TAA	0	0
mORF_+_2375522	2375522	2375575	+	2	54	TTG	TAA	0	0
mORF_+_2375588	2375588	2375758	+	2	171	GTG	TGA	0	0
mORF_+_2375617	2375617	2375892	+	1	276	ATG	TAA	0	0
mORF_+_2375697	2375697	2375936	+	3	240	TTG	TGA	0	0
mORF_+_2375873	2375873	2375914	+	2	42	TTG	TGA	0	0
mORF_+_2375933	2375933	2375944	+	2	12	TTG	TAA	0	0
mORF_+_2375946	2375946	2376203	+	3	258	GTG	TAA	0	0
mORF_+_2375981	2375981	2375998	+	2	18	TTG	TGA	0	0
mORF_+_2376047	2376047	2376064	+	2	18	TTG	TAA	0	0
mORF_+_2376076	2376076	2376306	+	1	231	TTG	TAA	0	0
mORF_+_2376155	2376155	2376805	+	2	651	ATG	TGA	0	0
mORF_+_2376213	2376213	2376734	+	3	522	TTG	TAA	0	0
mORF_+_2376319	2376319	2376483	+	1	165	ATG	TAA	0	0
mORF_+_2376517	2376517	2376522	+	1	6	TTG	TGA	0	0
mORF_+_2376556	2376556	2376879	+	1	324	TTG	TGA	0	0
mORF_+_2376827	2376827	2376898	+	2	72	ATG	TGA	0	0
mORF_+_2376846	2376846	2377079	+	3	234	GTG	TGA	0	0
mORF_+_2376886	2376886	2376951	+	1	66	GTG	TAG	0	0
mORF_+_2377040	2377040	2377138	+	2	99	GTG	TGA	0	0
mORF_+_2377102	2377102	2377167	+	1	66	ATG	TAA	0	0
mORF_+_2377139	2377139	2377222	+	2	84	ATG	TGA	0	0
mORF_+_2377143	2377143	2377181	+	3	39	ATG	TAG	0	0

mORF_+_2377207	2377207	2377230	+	1	24	GTG	TAA	0	0	
mORF_+_2377230	2377230	2377244	+	3	15	ATG	TGA	0	0	
mORF_+_2377241	2377241	2377333	+	2	93	ATG	TAG	0	0	
mORF_+_2377266	2377266	2377283	+	3	18	ATG	TGA	0	0	
mORF_+_2377302	2377302	2377346	+	3	45	TTG	TGA	0	0	
mORF_+_2377343	2377343	2377354	+	2	12	ATG	TAA	0	0	
mORF_+_2377354	2377354	2377494	+	1	141	ATG	TAA	0	0	
mORF_+_2377379	2377379	2377384	+	2	6	TTG	TAA	0	0	
mORF_+_2377407	2377407	2377547	+	3	141	TTG	TAG	0	0	
mORF_+_2377430	2377430	2377474	+	2	45	TTG	TAA	0	0	
mORF_+_2377498	2377498	2377578	+	1	81	TTG	TGA	0	0	
mORF_+_2377529	2377529	2377537	+	2	9	TTG	TAA	0	0	
mORF_+_2377575	2377575	2377589	+	3	15	GTG	TGA	0	0	
mORF_+_2377586	2377586	2377624	+	2	39	GTG	TAA	0	0	
mORF_+_2377642	2377642	2377686	+	1	45	TTG	TGA	0	0	
mORF_+_2377655	2377655	2377660	+	2	6	ATG	TAA	0	0	
mORF_+_2377680	2377680	2377787	+	3	108	TTG	TGA	0	0	
mORF_+_2377687	2377687	2378052	+	1	366	GTG	TGA	0	0	
mORF_+_2377712	2377712	2377750	+	2	39	ATG	TAA	0	0	
mORF_+_2377784	2377784	2377855	+	2	72	TTG	TAA	0	0	
mORF_+_2377809	2377809	2377994	+	3	186	ATG	TAA	0	0	
mORF_+_2377997	2377997	2378143	+	2	147	ATG	TAA	0	0	
mORF_+_2378049	2378049	2378252	+	3	204	TTG	TGA	0	0	
mORF_+_2378059	2378059	2378217	+	1	159	TTG	TGA	0	0	
mORF_+_2378144	2378144	2378194	+	2	51	TTG	TAA	0	0	
mORF_+_2378195	2378195	2378200	+	2	6	ATG	TAA	0	0	
mORF_+_2378227	2378227	2378238	+	1	12	GTG	TAA	0	0	
mORF_+_2378245	2378245	2378283	+	1	39	TTG	TGA	0	0	
mORF_+_2378261	2378261	2378287	+	2	27	GTG	TAG	0	0	
mORF_+_2378301	2378301	2378507	+	3	207	GTG	TAG	0	0	
mORF_+_2378399	2378399	2378635	+	2	237	GTG	TAG	0	0	
mORF_+_2378428	2378428	2378448	+	1	21	GTG	TAA	0	0	
mORF_+_2378518	2378518	2378565	+	1	48	ATG	TGA	0	0	
mORF_+_2378562	2378562	2378684	+	3	123	TTG	TAA	0	0	
mORF_+_2378599	2378599	2378652	+	1	54	GTG	TAG	0	0	
mORF_+_2378656	2378656	2378736	+	1	81	GTG	TAG	0	0	
mORF_+_2378660	2378660	2378770	+	2	111	TTG	TAG	0	0	
mORF_+_2378718	2378718	2378747	+	3	30	ATG	TAA	0	0	
mORF_+_2378752	2378752	2378889	+	1	138	GTG	TAA	0	0	
mORF_+_2378804	2378804	2378878	+	2	75	TTG	TGA	0	0	
mORF_+_2378989	2378989	2379000	+	1	12	GTG	TAA	0	0	
mORF_+_2379025	2379025	2379045	+	1	21	GTG	TAG	0	0	
mORF_+_2379063	2379063	2379083	+	3	21	TTG	TAA	0	0	
mORF_+_2379097	2379097	2379180	+	1	84	TTG	TAA	0	0	
mORF_+_2379135	2379135	2379161	+	3	27	ATG	TAG	0	0	
mORF_+_2379137	2379137	2379505	+	2	369	GTG	TAA	0	0	
mORF_+_2379259	2379259	2379321	+	1	63	ATG	TGA	0	0	
mORF_+_2379539	2379539	2379622	+	2	84	GTG	TGA	0	0	
mORF_+_2379567	2379567	2379581	+	3	15	ATG	TAG	0	0	
mORF_+_2379582	2379582	2379599	+	3	18	ATG	TAG	0	0	
mORF_+_2379586	2379586	2379615	+	1	30	ATG	TGA	0	0	
mORF_+_2379612	2379612	2380547	+	3	936	TTG	TAA	9	63	pORF_+_2379612
mORF_+_2379619	2379619	2379639	+	1	21	GTG	TAA	0	0	
mORF_+_2379661	2379661	2379897	+	1	237	GTG	TAA	0	0	
mORF_+_2379731	2379731	2379742	+	2	12	TTG	TGA	0	0	
mORF_+_2379860	2379860	2379925	+	2	66	GTG	TGA	0	0	
mORF_+_2379904	2379904	2380032	+	1	129	ATG	TAA	0	0	
mORF_+_2379959	2379959	2380015	+	2	57	ATG	TGA	0	0	
mORF_+_2380061	2380061	2380081	+	2	21	ATG	TGA	0	0	
mORF_+_2380066	2380066	2380107	+	1	42	ATG	TAA	0	0	
mORF_+_2380108	2380108	2380122	+	1	15	ATG	TAA	0	0	
mORF_+_2380192	2380192	2380224	+	1	33	ATG	TAG	0	0	
mORF_+_2380279	2380279	2380341	+	1	63	ATG	TAA	0	0	

mORF_+_2380405	2380405	2380428	+	1	24	GTG	TAA	0	0	
mORF_+_2380453	2380453	2380563	+	1	111	ATG	TAA	0	0	
mORF_+_2380466	2380466	2380486	+	2	21	TTG	TGA	0	0	
mORF_+_2380487	2380487	2380513	+	2	27	ATG	TGA	0	0	
mORF_+_2380578	2380578	2380631	+	3	54	TTG	TGA	0	0	
mORF_+_2380628	2380628	2380642	+	2	15	TTG	TGA	0	0	
mORF_+_2380639	2380639	2380725	+	1	87	TTG	TAA	0	0	
mORF_+_2380716	2380716	2380865	+	3	150	TTG	TGA	0	0	
mORF_+_2380735	2380735	2381946	+	1	1212	ATG	TAA	1	19	pORF_+_2380735
mORF_+_2380748	2380748	2380816	+	2	69	TTG	TGA	0	0	
mORF_+_2380862	2380862	2380900	+	2	39	ATG	TAG	0	0	
mORF_+_2380904	2380904	2381008	+	2	105	ATG	TAA	0	0	
mORF_+_2381001	2381001	2381018	+	3	18	TTG	TAA	0	0	
mORF_+_2381057	2381057	2381107	+	2	51	ATG	TAA	0	0	
mORF_+_2381120	2381120	2381173	+	2	54	GTG	TAA	0	0	
mORF_+_2381174	2381174	2381194	+	2	21	ATG	TGA	0	0	
mORF_+_2381195	2381195	2381233	+	2	39	GTG	TAA	0	0	
mORF_+_2381240	2381240	2381248	+	2	9	ATG	TAG	0	0	
mORF_+_2381250	2381250	2381276	+	3	27	TTG	TAA	0	0	
mORF_+_2381276	2381276	2381413	+	2	138	ATG	TAA	0	0	
mORF_+_2381382	2381382	2381393	+	3	12	ATG	TGA	0	0	
mORF_+_2381487	2381487	2381525	+	3	39	ATG	TGA	0	0	
mORF_+_2381510	2381510	2381518	+	2	9	GTG	TAG	0	0	
mORF_+_2381522	2381522	2381602	+	2	81	ATG	TAA	0	0	
mORF_+_2381615	2381615	2381629	+	2	15	ATG	TAA	0	0	
mORF_+_2381639	2381639	2381662	+	2	24	ATG	TAA	0	0	
mORF_+_2381670	2381670	2381711	+	3	42	TTG	TGA	0	0	
mORF_+_2381675	2381675	2381707	+	2	33	GTG	TGA	0	0	
mORF_+_2381708	2381708	2381755	+	2	48	TTG	TAA	0	0	
mORF_+_2381762	2381762	2381848	+	2	87	ATG	TAG	0	0	
mORF_+_2381838	2381838	2381852	+	3	15	TTG	TAA	0	0	
mORF_+_2381855	2381855	2381893	+	2	39	ATG	TAG	0	0	
mORF_+_2381952	2381952	2381987	+	3	36	TTG	TGA	0	0	
mORF_+_2381981	2381981	2382001	+	2	21	ATG	TAG	0	0	
mORF_+_2382003	2382003	2382023	+	3	21	TTG	TGA	0	0	
mORF_+_2382027	2382027	2382080	+	3	54	ATG	TAA	0	0	
mORF_+_2382085	2382085	2382123	+	1	39	GTG	TGA	0	0	
mORF_+_2382120	2382120	2382257	+	3	138	TTG	TGA	0	0	
mORF_+_2382170	2382170	2382253	+	2	84	TTG	TAA	0	0	
mORF_+_2382178	2382178	2382456	+	1	279	ATG	TAA	0	0	
mORF_+_2382315	2382315	2382350	+	3	36	TTG	TAG	0	0	
mORF_+_2382374	2382374	2382391	+	2	18	TTG	TAA	0	0	
mORF_+_2382410	2382410	2382742	+	2	333	ATG	TGA	0	0	
mORF_+_2382414	2382414	2382488	+	3	75	TTG	TAA	0	0	
mORF_+_2382540	2382540	2382623	+	3	84	TTG	TAG	0	0	
mORF_+_2382550	2382550	2382561	+	1	12	TTG	TAA	0	0	
mORF_+_2382630	2382630	2382677	+	3	48	TTG	TAA	0	0	
mORF_+_2382664	2382664	2382711	+	1	48	TTG	TAA	0	0	
mORF_+_2382678	2382678	2382845	+	3	168	TTG	TGA	0	0	
mORF_+_2382739	2382739	2382777	+	1	39	TTG	TAA	0	0	
mORF_+_2382873	2382873	2382929	+	3	57	TTG	TGA	0	0	
mORF_+_2382904	2382904	2382915	+	1	12	TTG	TAA	0	0	
mORF_+_2382926	2382926	2383021	+	2	96	ATG	TAA	0	0	
mORF_+_2382949	2382949	2383014	+	1	66	ATG	TGA	0	0	
mORF_+_2382981	2382981	2383196	+	3	216	ATG	TAG	0	0	
mORF_+_2383042	2383042	2383086	+	1	45	GTG	TAA	0	0	
mORF_+_2383156	2383156	2383203	+	1	48	ATG	TAG	0	0	
mORF_+_2383213	2383213	2383221	+	1	9	TTG	TAG	0	0	
mORF_+_2383235	2383235	2383312	+	2	78	TTG	TAA	0	0	
mORF_+_2383239	2383239	2383271	+	3	33	TTG	TAA	0	0	
mORF_+_2383272	2383272	2383322	+	3	51	TTG	TGA	0	0	
mORF_+_2383319	2383319	2383519	+	2	201	TTG	TAA	0	0	
mORF_+_2383323	2383323	2383349	+	3	27	TTG	TAA	0	0	

mORF_+_2383356	2383356	2383433	+	3	78	GTG	TAG	0	0
mORF_+_2383450	2383450	2383464	+	1	15	TTG	TAG	0	0
mORF_+_2383468	2383468	2383476	+	1	9	TTG	TAG	0	0
mORF_+_2383483	2383483	2383716	+	1	234	TTG	TAA	0	0
mORF_+_2383527	2383527	2383661	+	3	135	TTG	TGA	0	0
mORF_+_2383538	2383538	2383696	+	2	159	TTG	TGA	0	0
mORF_+_2383722	2383722	2383748	+	3	27	ATG	TAA	0	0
mORF_+_2383793	2383793	2383840	+	2	48	TTG	TAG	0	0
mORF_+_2383847	2383847	2383885	+	2	39	ATG	TGA	0	0
mORF_+_2383876	2383876	2384853	+	1	978	TTG	TAA	0	0
mORF_+_2383898	2383898	2383936	+	2	39	TTG	TGA	0	0
mORF_+_2383961	2383961	2384005	+	2	45	ATG	TAG	0	0
mORF_+_2384048	2384048	2384071	+	2	24	GTG	TGA	0	0
mORF_+_2384102	2384102	2384203	+	2	102	TTG	TGA	0	0
mORF_+_2384210	2384210	2384257	+	2	48	TTG	TGA	0	0
mORF_+_2384276	2384276	2384446	+	2	171	ATG	TGA	0	0
mORF_+_2384471	2384471	2384602	+	2	132	TTG	TAA	0	0
mORF_+_2384672	2384672	2384692	+	2	21	TTG	TGA	0	0
mORF_+_2384697	2384697	2384732	+	3	36	TTG	TGA	0	0
mORF_+_2384771	2384771	2384791	+	2	21	GTG	TGA	0	0
mORF_+_2384819	2384819	2384830	+	2	12	ATG	TAA	0	0
mORF_+_2384889	2384889	2384987	+	3	99	ATG	TGA	0	0
mORF_+_2384956	2384956	2385459	+	1	504	ATG	TGA	0	0
mORF_+_2384966	2384966	2385034	+	2	69	TTG	TGA	0	0
mORF_+_2385047	2385047	2385115	+	2	69	ATG	TGA	0	0
mORF_+_2385131	2385131	2385157	+	2	27	TTG	TGA	0	0
mORF_+_2385161	2385161	2385199	+	2	39	GTG	TAG	0	0
mORF_+_2385200	2385200	2385217	+	2	18	ATG	TGA	0	0
mORF_+_2385272	2385272	2385334	+	2	63	ATG	TGA	0	0
mORF_+_2385365	2385365	2385397	+	2	33	TTG	TGA	0	0
mORF_+_2385434	2385434	2385442	+	2	9	ATG	TGA	0	0
mORF_+_2385449	2385449	2385469	+	2	21	TTG	TGA	0	0
mORF_+_2385456	2385456	2385464	+	3	9	GTG	TAG	0	0
mORF_+_2385466	2385466	2385498	+	1	33	TTG	TAA	0	0
mORF_+_2385518	2385518	2385703	+	2	186	TTG	TAA	0	0
mORF_+_2385556	2385556	2385573	+	1	18	TTG	TAA	0	0
mORF_+_2385574	2385574	2385585	+	1	12	ATG	TAG	0	0
mORF_+_2385591	2385591	2385665	+	3	75	TTG	TGA	0	0
mORF_+_2385598	2385598	2385624	+	1	27	ATG	TAA	0	0
mORF_+_2385658	2385658	2385699	+	1	42	ATG	TAG	0	0
mORF_+_2385719	2385719	2385802	+	2	84	TTG	TAG	0	0
mORF_+_2385741	2385741	2385797	+	3	57	GTG	TAA	0	0
mORF_+_2385775	2385775	2385876	+	1	102	TTG	TGA	0	0
mORF_+_2385815	2385815	2385841	+	2	27	TTG	TAA	0	0
mORF_+_2385822	2385822	2385899	+	3	78	TTG	TAG	0	0
mORF_+_2385889	2385889	2385975	+	1	87	TTG	TGA	0	0
mORF_+_2385917	2385917	2385925	+	2	9	TTG	TAA	0	0
mORF_+_2385933	2385933	2385947	+	3	15	TTG	TAA	0	0
mORF_+_2385960	2385960	2386064	+	3	105	TTG	TAA	0	0
mORF_+_2386055	2386055	2386117	+	2	63	ATG	TGA	0	0
mORF_+_2386080	2386080	2386157	+	3	78	TTG	TAA	0	0
mORF_+_2386114	2386114	2386209	+	1	96	TTG	TAG	0	0
mORF_+_2386142	2386142	2386258	+	2	117	ATG	TAG	0	0
mORF_+_2386212	2386212	2386376	+	3	165	TTG	TAA	0	0
mORF_+_2386288	2386288	2386332	+	1	45	GTG	TGA	0	0
mORF_+_2386301	2386301	2386318	+	2	18	TTG	TGA	0	0
mORF_+_2386339	2386339	2386473	+	1	135	TTG	TGA	0	0
mORF_+_2386470	2386470	2386499	+	3	30	ATG	TAA	0	0
mORF_+_2386545	2386545	2386553	+	3	9	ATG	TGA	0	0
mORF_+_2386550	2386550	2386603	+	2	54	ATG	TAA	0	0
mORF_+_2386603	2386603	2387079	+	1	477	ATG	TAA	0	0
mORF_+_2386616	2386616	2386630	+	2	15	ATG	TGA	0	0
mORF_+_2386685	2386685	2386795	+	2	111	TTG	TGA	0	0

mORF_+_2386782	2386782	2386847	+	3	66	ATG	TGA	0	0
mORF_+_2386844	2386844	2386876	+	2	33	GTG	TAG	0	0
mORF_+_2386892	2386892	2386927	+	2	36	ATG	TAG	0	0
mORF_+_2386967	2386967	2386972	+	2	6	TTG	TAG	0	0
mORF_+_2386979	2386979	2387092	+	2	114	TTG	TAA	0	0
mORF_+_2386992	2386992	2387036	+	3	45	GTG	TGA	0	0
mORF_+_2387064	2387064	2387138	+	3	75	TTG	TGA	0	0
mORF_+_2387105	2387105	2387116	+	2	12	ATG	TAA	0	0
mORF_+_2387123	2387123	2387128	+	2	6	ATG	TGA	0	0
mORF_+_2387125	2387125	2387160	+	1	36	GTG	TAG	0	0
mORF_+_2387135	2387135	2387986	+	2	852	ATG	TAA	0	0
mORF_+_2387160	2387160	2387303	+	3	144	GTG	TAG	0	0
mORF_+_2387188	2387188	2387247	+	1	60	TTG	TAA	0	0
mORF_+_2387305	2387305	2387322	+	1	18	GTG	TGA	0	0
mORF_+_2387319	2387319	2387384	+	3	66	ATG	TGA	0	0
mORF_+_2387326	2387326	2387358	+	1	33	ATG	TAA	0	0
mORF_+_2387371	2387371	2387388	+	1	18	ATG	TGA	0	0
mORF_+_2387385	2387385	2387552	+	3	168	ATG	TAG	0	0
mORF_+_2387464	2387464	2387487	+	1	24	ATG	TGA	0	0
mORF_+_2387545	2387545	2387580	+	1	36	TTG	TAA	0	0
mORF_+_2387613	2387613	2387714	+	3	102	ATG	TGA	0	0
mORF_+_2387629	2387629	2387649	+	1	21	TTG	TGA	0	0
mORF_+_2387719	2387719	2387727	+	1	9	GTG	TAA	0	0
mORF_+_2387751	2387751	2387786	+	3	36	TTG	TGA	0	0
mORF_+_2387794	2387794	2387802	+	1	9	GTG	TGA	0	0
mORF_+_2387796	2387796	2387840	+	3	45	GTG	TAA	0	0
mORF_+_2387856	2387856	2387867	+	3	12	ATG	TAA	0	0
mORF_+_2387874	2387874	2387951	+	3	78	GTG	TAG	0	0
mORF_+_2387920	2387920	2387967	+	1	48	ATG	TAG	0	0
mORF_+_2387958	2387958	2388053	+	3	96	TTG	TGA	0	0
mORF_+_2388084	2388084	2388104	+	3	21	TTG	TAA	0	0
mORF_+_2388098	2388098	2388226	+	2	129	ATG	TGA	0	0
mORF_+_2388112	2388112	2388192	+	1	81	TTG	TGA	0	0
mORF_+_2388114	2388114	2388353	+	3	240	GTG	TAA	0	0
mORF_+_2388211	2388211	2388627	+	1	417	TTG	TGA	0	0
mORF_+_2388624	2388624	2388647	+	3	24	ATG	TGA	0	0
mORF_+_2388644	2388644	2388751	+	2	108	TTG	TAG	0	0
mORF_+_2388744	2388744	2388782	+	3	39	GTG	TAG	0	0
mORF_+_2388788	2388788	2389096	+	2	309	TTG	TAA	0	0
mORF_+_2388856	2388856	2389074	+	1	219	GTG	TGA	0	0
mORF_+_2389071	2389071	2389340	+	3	270	GTG	TAA	0	0
mORF_+_2389156	2389156	2389200	+	1	45	ATG	TAA	0	0
mORF_+_2389160	2389160	2389213	+	2	54	TTG	TAG	0	0
mORF_+_2389223	2389223	2389237	+	2	15	TTG	TAG	0	0
mORF_+_2389268	2389268	2389303	+	2	36	GTG	TAA	0	0
mORF_+_2389307	2389307	2389429	+	2	123	ATG	TGA	0	0
mORF_+_2389426	2389426	2389494	+	1	69	ATG	TAG	0	0
mORF_+_2389430	2389430	2389624	+	2	195	TTG	TAG	0	0
mORF_+_2389497	2389497	2389547	+	3	51	GTG	TAG	0	0
mORF_+_2389510	2389510	2389746	+	1	237	TTG	TAA	0	0
mORF_+_2389767	2389767	2389790	+	3	24	ATG	TAG	0	0
mORF_+_2389862	2389862	2389978	+	2	117	GTG	TAA	0	0
mORF_+_2389881	2389881	2389997	+	3	117	TTG	TAA	0	0
mORF_+_2389963	2389963	2390397	+	1	435	ATG	TAA	0	0
mORF_+_2390069	2390069	2390074	+	2	6	GTG	TAG	0	0
mORF_+_2390096	2390096	2390116	+	2	21	ATG	TAG	0	0
mORF_+_2390129	2390129	2390167	+	2	39	TTG	TAG	0	0
mORF_+_2390171	2390171	2390260	+	2	90	ATG	TAA	0	0
mORF_+_2390199	2390199	2390366	+	3	168	TTG	TGA	0	0
mORF_+_2390363	2390363	2390446	+	2	84	TTG	TAG	0	0
mORF_+_2390421	2390421	2390450	+	3	30	TTG	TGA	0	0
mORF_+_2390447	2390447	2390476	+	2	30	TTG	TAG	0	0
mORF_+_2390476	2390476	2390757	+	1	282	GTG	TAG	0	0

mORF_+_2390498	2390498	2390536	+	2	39	ATG	TAA	0	0
mORF_+_2390537	2390537	2390728	+	2	192	ATG	TGA	0	0
mORF_+_2390550	2390550	2390561	+	3	12	TTG	TGA	0	0
mORF_+_2390598	2390598	2390684	+	3	87	GTG	TAA	0	0
mORF_+_2390816	2390816	2390827	+	2	12	ATG	TGA	0	0
mORF_+_2390824	2390824	2390907	+	1	84	ATG	TGA	0	0
mORF_+_2390858	2390858	2390911	+	2	54	ATG	TAA	0	0
mORF_+_2390904	2390904	2390963	+	3	60	GTG	TGA	0	0
mORF_+_2390929	2390929	2391042	+	1	114	TTG	TAA	0	0
mORF_+_2390957	2390957	2391151	+	2	195	ATG	TAG	0	0
mORF_+_2390979	2390979	2390990	+	3	12	GTG	TGA	0	0
mORF_+_2391079	2391079	2391084	+	1	6	TTG	TAA	0	0
mORF_+_2391151	2391151	2391225	+	1	75	GTG	TAA	0	0
mORF_+_2391158	2391158	2391316	+	2	159	ATG	TAA	0	0
mORF_+_2391247	2391247	2391420	+	1	174	GTG	TGA	0	0
mORF_+_2391270	2391270	2391302	+	3	33	ATG	TAG	0	0
mORF_+_2391357	2391357	2391713	+	3	357	ATG	TGA	0	0
mORF_+_2391608	2391608	2391904	+	2	297	GTG	TAG	0	0
mORF_+_2391661	2391661	2391768	+	1	108	GTG	TGA	0	0
mORF_+_2391765	2391765	2391788	+	3	24	ATG	TAG	0	0
mORF_+_2391831	2391831	2391839	+	3	9	TTG	TGA	0	0
mORF_+_2391891	2391891	2391944	+	3	54	GTG	TAA	0	0
mORF_+_2391904	2391904	2391957	+	1	54	GTG	TAG	0	0
mORF_+_2391978	2391978	2391998	+	3	21	TTG	TGA	0	0
mORF_+_2391995	2391995	2393053	+	2	1059	GTG	TAA	0	0
mORF_+_2392011	2392011	2392118	+	3	108	ATG	TAG	0	0
mORF_+_2392024	2392024	2392047	+	1	24	ATG	TAA	0	0
mORF_+_2392087	2392087	2392137	+	1	51	ATG	TAG	0	0
mORF_+_2392131	2392131	2392142	+	3	12	ATG	TAA	0	0
mORF_+_2392155	2392155	2392280	+	3	126	TTG	TAG	0	0
mORF_+_2392296	2392296	2392505	+	3	210	ATG	TAA	0	0
mORF_+_2392300	2392300	2392512	+	1	213	TTG	TGA	0	0
mORF_+_2392509	2392509	2392598	+	3	90	ATG	TAA	0	0
mORF_+_2392516	2392516	2392701	+	1	186	GTG	TGA	0	0
mORF_+_2392665	2392665	2392715	+	3	51	TTG	TAA	0	0
mORF_+_2392767	2392767	2392772	+	3	6	ATG	TGA	0	0
mORF_+_2392791	2392791	2393171	+	3	381	GTG	TGA	0	0
mORF_+_2392891	2392891	2392908	+	1	18	ATG	TAG	0	0
mORF_+_2393011	2393011	2393046	+	1	36	ATG	TAA	0	0
mORF_+_2393093	2393093	2393119	+	2	27	ATG	TGA	0	0
mORF_+_2393116	2393116	2393313	+	1	198	GTG	TAA	0	0
mORF_+_2393171	2393171	2393194	+	2	24	ATG	TGA	0	0
mORF_+_2393255	2393255	2393485	+	2	231	ATG	TAG	0	0
mORF_+_2393331	2393331	2393684	+	3	354	TTG	TGA	0	0
mORF_+_2393350	2393350	2393358	+	1	9	ATG	TAA	0	0
mORF_+_2393410	2393410	2393511	+	1	102	TTG	TAA	0	0
mORF_+_2393549	2393549	2393578	+	2	30	TTG	TAA	0	0
mORF_+_2393587	2393587	2393595	+	1	9	ATG	TAA	0	0
mORF_+_2393611	2393611	2393745	+	1	135	ATG	TAG	0	0
mORF_+_2393627	2393627	2393698	+	2	72	TTG	TGA	0	0
mORF_+_2393783	2393783	2393821	+	2	39	GTG	TAA	0	0
mORF_+_2393834	2393834	2393860	+	2	27	GTG	TGA	0	0
mORF_+_2393838	2393838	2394023	+	3	186	GTG	TAG	0	0
mORF_+_2393848	2393848	2393904	+	1	57	TTG	TAA	0	0
mORF_+_2393918	2393918	2393938	+	2	21	TTG	TAA	0	0
mORF_+_2394001	2394001	2394192	+	1	192	TTG	TGA	0	0
mORF_+_2394042	2394042	2394080	+	3	39	TTG	TAA	0	0
mORF_+_2394096	2394096	2394131	+	3	36	TTG	TGA	0	0
mORF_+_2394138	2394138	2394344	+	3	207	GTG	TAA	0	0
mORF_+_2394239	2394239	2394454	+	2	216	TTG	TAA	0	0
mORF_+_2394393	2394393	2394509	+	3	117	TTG	TGA	0	0
mORF_+_2394490	2394490	2394600	+	1	111	TTG	TAA	0	0
mORF_+_2394506	2394506	2394586	+	2	81	ATG	TAA	0	0

mORF_+_2394617	2394617	2394793	+	2	177	ATG	TAA	0	0
mORF_+_2394663	2394663	2394875	+	3	213	ATG	TAA	0	0
mORF_+_2394682	2394682	2394948	+	1	267	TTG	TGA	0	0
mORF_+_2394863	2394863	2395000	+	2	138	ATG	TAG	0	0
mORF_+_2394945	2394945	2395157	+	3	213	ATG	TGA	0	0
mORF_+_2395046	2395046	2395084	+	2	39	TTG	TAA	0	0
mORF_+_2395124	2395124	2395327	+	2	204	ATG	TAA	0	0
mORF_+_2395206	2395206	2395217	+	3	12	GTG	TAA	0	0
mORF_+_2395370	2395370	2395480	+	2	111	ATG	TGA	0	0
mORF_+_2395374	2395374	2395388	+	3	15	ATG	TGA	0	0
mORF_+_2395449	2395449	2395715	+	3	267	GTG	TGA	0	0
mORF_+_2395477	2395477	2395605	+	1	129	TTG	TAA	0	0
mORF_+_2395619	2395619	2395663	+	2	45	GTG	TGA	0	0
mORF_+_2395660	2395660	2395743	+	1	84	TTG	TAA	0	0
mORF_+_2395712	2395712	2395801	+	2	90	GTG	TGA	0	0
mORF_+_2395737	2395737	2396234	+	3	498	GTG	TAA	0	0
mORF_+_2395798	2395798	2395806	+	1	9	GTG	TAA	0	0
mORF_+_2395864	2395864	2396013	+	1	150	TTG	TGA	0	0
mORF_+_2396035	2396035	2396064	+	1	30	TTG	TAA	0	0
mORF_+_2396105	2396105	2396131	+	2	27	ATG	TGA	0	0
mORF_+_2396128	2396128	2396274	+	1	147	TTG	TAA	0	0
mORF_+_2396304	2396304	2396531	+	3	228	TTG	TAA	0	0
mORF_+_2396320	2396320	2396403	+	1	84	TTG	TGA	0	0
mORF_+_2396426	2396426	2396434	+	2	9	GTG	TAG	0	0
mORF_+_2396560	2396560	2396658	+	1	99	ATG	TGA	0	0
mORF_+_2396720	2396720	2396734	+	2	15	GTG	TGA	0	0
mORF_+_2396731	2396731	2396829	+	1	99	ATG	TGA	0	0
mORF_+_2396748	2396748	2396819	+	3	72	TTG	TAA	0	0
mORF_+_2396780	2396780	2396896	+	2	117	GTG	TAA	0	0
mORF_+_2396878	2396878	2396922	+	1	45	GTG	TGA	0	0
mORF_+_2396907	2396907	2398190	+	3	1284	ATG	TAG	0	0
mORF_+_2396926	2396926	2397006	+	1	81	ATG	TGA	0	0
mORF_+_2396936	2396936	2397043	+	2	108	TTG	TAA	0	0
mORF_+_2397106	2397106	2397162	+	1	57	ATG	TGA	0	0
mORF_+_2397172	2397172	2397177	+	1	6	GTG	TAG	0	0
mORF_+_2397214	2397214	2397267	+	1	54	TTG	TGA	0	0
mORF_+_2397293	2397293	2397310	+	2	18	TTG	TGA	0	0
mORF_+_2397307	2397307	2397348	+	1	42	TTG	TGA	0	0
mORF_+_2397367	2397367	2397375	+	1	9	TTG	TAA	0	0
mORF_+_2397427	2397427	2397432	+	1	6	TTG	TAA	0	0
mORF_+_2397478	2397478	2397546	+	1	69	ATG	TAA	0	0
mORF_+_2397562	2397562	2397651	+	1	90	TTG	TAG	0	0
mORF_+_2397655	2397655	2397672	+	1	18	TTG	TAA	0	0
mORF_+_2397703	2397703	2397708	+	1	6	TTG	TAG	0	0
mORF_+_2397733	2397733	2397753	+	1	21	ATG	TGA	0	0
mORF_+_2397757	2397757	2397777	+	1	21	ATG	TGA	0	0
mORF_+_2397761	2397761	2397799	+	2	39	ATG	TGA	0	0
mORF_+_2397793	2397793	2397807	+	1	15	TTG	TAG	0	0
mORF_+_2397895	2397895	2398095	+	1	201	TTG	TAA	0	0
mORF_+_2397980	2397980	2398150	+	2	171	GTG	TGA	0	0
mORF_+_2398135	2398135	2398176	+	1	42	TTG	TGA	0	0
mORF_+_2398178	2398178	2398183	+	2	6	TTG	TAG	0	0
mORF_+_2398192	2398192	2398221	+	1	30	ATG	TGA	0	0
mORF_+_2398285	2398285	2398356	+	1	72	ATG	TAA	0	0
mORF_+_2398292	2398292	2398450	+	2	159	TTG	TGA	0	0
mORF_+_2398374	2398374	2398580	+	3	207	GTG	TGA	0	0
mORF_+_2398378	2398378	2398407	+	1	30	GTG	TAA	0	0
mORF_+_2398420	2398420	2399022	+	1	603	TTG	TAA	0	0
mORF_+_2398574	2398574	2398750	+	2	177	ATG	TAA	0	0
mORF_+_2398767	2398767	2398889	+	3	123	GTG	TAG	0	0
mORF_+_2398772	2398772	2398870	+	2	99	GTG	TGA	0	0
mORF_+_2398925	2398925	2399047	+	2	123	TTG	TAG	0	0
mORF_+_2398950	2398950	2398994	+	3	45	ATG	TAG	0	0

mORF_+_2399062	2399062	2399628	+	1	567	ATG	TGA	0	0
mORF_+_2399099	2399099	2399194	+	2	96	ATG	TAG	0	0
mORF_+_2399225	2399225	2399284	+	2	60	ATG	TAG	0	0
mORF_+_2399285	2399285	2399323	+	2	39	GTG	TAA	0	0
mORF_+_2399327	2399327	2399422	+	2	96	ATG	TGA	0	0
mORF_+_2399483	2399483	2399698	+	2	216	TTG	TAA	0	0
mORF_+_2399619	2399619	2400080	+	3	462	ATG	TAG	0	0
mORF_+_2399629	2399629	2399760	+	1	132	GTG	TGA	0	0
mORF_+_2399711	2399711	2399731	+	2	21	ATG	TGA	0	0
mORF_+_2399776	2399776	2399784	+	1	9	TTG	TGA	0	0
mORF_+_2399855	2399855	2400076	+	2	222	TTG	TAA	0	0
mORF_+_2399965	2399965	2399991	+	1	27	ATG	TAG	0	0
mORF_+_2400167	2400167	2401609	+	2	1443	TTG	TAA	0	0
mORF_+_2400204	2400204	2400212	+	3	9	GTG	TAA	0	0
mORF_+_2400216	2400216	2400242	+	3	27	ATG	TAG	0	0
mORF_+_2400249	2400249	2400392	+	3	144	TTG	TGA	0	0
mORF_+_2400399	2400399	2400491	+	3	93	TTG	TAG	0	0
mORF_+_2400606	2400606	2400641	+	3	36	GTG	TAG	0	0
mORF_+_2400672	2400672	2400701	+	3	30	ATG	TAA	0	0
mORF_+_2400819	2400819	2400842	+	3	24	GTG	TAA	0	0
mORF_+_2400823	2400823	2400861	+	1	39	TTG	TAA	0	0
mORF_+_2400883	2400883	2400903	+	1	21	TTG	TAA	0	0
mORF_+_2400930	2400930	2401022	+	3	93	TTG	TAA	0	0
mORF_+_2401074	2401074	2401079	+	3	6	ATG	TAG	0	0
mORF_+_2401134	2401134	2401364	+	3	231	ATG	TAA	0	0
mORF_+_2401404	2401404	2401427	+	3	24	ATG	TGA	0	0
mORF_+_2401440	2401440	2401583	+	3	144	ATG	TAG	0	0
mORF_+_2401619	2401619	2401651	+	2	33	GTG	TAA	0	0
mORF_+_2401621	2401621	2401665	+	1	45	GTG	TGA	0	0
mORF_+_2401623	2401623	2401670	+	3	48	GTG	TAA	0	0
mORF_+_2401712	2401712	2401858	+	2	147	TTG	TAA	0	0
mORF_+_2401722	2401722	2401760	+	3	39	TTG	TGA	0	0
mORF_+_2401788	2401788	2401823	+	3	36	TTG	TGA	0	0
mORF_+_2401869	2401869	2401898	+	3	30	TTG	TGA	0	0
mORF_+_2401879	2401879	2402001	+	1	123	TTG	TAG	0	0
mORF_+_2401892	2401892	2401927	+	2	36	GTG	TAG	0	0
mORF_+_2401956	2401956	2401976	+	3	21	TTG	TAA	0	0
mORF_+_2402010	2402010	2402060	+	3	51	ATG	TAA	0	0
mORF_+_2402042	2402042	2402263	+	2	222	TTG	TGA	0	0
mORF_+_2402103	2402103	2402222	+	3	120	TTG	TAA	0	0
mORF_+_2402131	2402131	2402193	+	1	63	GTG	TGA	0	0
mORF_+_2402244	2402244	2402306	+	3	63	TTG	TGA	0	0
mORF_+_2402260	2402260	2402268	+	1	9	TTG	TAA	0	0
mORF_+_2402275	2402275	2402310	+	1	36	TTG	TAA	0	0
mORF_+_2402314	2402314	2402328	+	1	15	GTG	TAA	0	0
mORF_+_2402322	2402322	2402363	+	3	42	TTG	TGA	0	0
mORF_+_2402408	2402408	2402479	+	2	72	ATG	TGA	0	0
mORF_+_2402476	2402476	2402499	+	1	24	TTG	TAA	0	0
mORF_+_2402502	2402502	2402588	+	3	87	ATG	TAA	0	0
mORF_+_2402543	2402543	2402707	+	2	165	TTG	TGA	0	0
mORF_+_2402604	2402604	2402630	+	3	27	TTG	TAA	0	0
mORF_+_2402640	2402640	2402654	+	3	15	ATG	TAG	0	0
mORF_+_2402704	2402704	2402778	+	1	75	GTG	TAA	0	0
mORF_+_2402782	2402782	2402823	+	1	42	TTG	TAG	0	0
mORF_+_2402827	2402827	2402868	+	1	42	TTG	TAA	0	0
mORF_+_2402877	2402877	2402891	+	3	15	ATG	TAA	0	0
mORF_+_2402895	2402895	2403059	+	3	165	TTG	TGA	0	0
mORF_+_2402971	2402971	2403036	+	1	66	GTG	TAA	0	0
mORF_+_2403049	2403049	2403069	+	1	21	ATG	TGA	0	0
mORF_+_2403056	2403056	2403085	+	2	30	GTG	TGA	0	0
mORF_+_2403066	2403066	2403197	+	3	132	ATG	TAG	0	0
mORF_+_2403079	2403079	2403114	+	1	36	ATG	TAG	0	0
mORF_+_2403142	2403142	2403174	+	1	33	ATG	TAA	0	0

mORF_+_2403161	2403161	2403217	+	2	57	ATG	TAA	0	0	
mORF_+_2403218	2403218	2403283	+	2	66	TTG	TAG	0	0	
mORF_+_2403223	2403223	2403246	+	1	24	GTG	TAA	0	0	
mORF_+_2403314	2403314	2403352	+	2	39	ATG	TAA	0	0	
mORF_+_2403357	2403357	2403521	+	3	165	ATG	TAA	0	0	
mORF_+_2403370	2403370	2403459	+	1	90	GTG	TGA	0	0	
mORF_+_2403377	2403377	2403382	+	2	6	TTG	TGA	0	0	
mORF_+_2403422	2403422	2403466	+	2	45	GTG	TGA	0	0	
mORF_+_2403463	2403463	2403576	+	1	114	GTG	TGA	0	0	
mORF_+_2403527	2403527	2403532	+	2	6	TTG	TAG	0	0	
mORF_+_2403536	2403536	2403598	+	2	63	GTG	TGA	0	0	
mORF_+_2403558	2403558	2403629	+	3	72	TTG	TGA	0	0	
mORF_+_2403595	2403595	2404047	+	1	453	ATG	TAA	0	0	
mORF_+_2403605	2403605	2403643	+	2	39	TTG	TAA	0	0	
mORF_+_2403695	2403695	2403754	+	2	60	TTG	TGA	0	0	
mORF_+_2403788	2403788	2403889	+	2	102	TTG	TAG	0	0	
mORF_+_2404118	2404118	2404189	+	2	72	TTG	TGA	0	0	
mORF_+_2404125	2404125	2404250	+	3	126	ATG	TAG	0	0	
mORF_+_2404150	2404150	2404182	+	1	33	GTG	TAA	0	0	
mORF_+_2404196	2404196	2404282	+	2	87	ATG	TAA	0	0	
mORF_+_2404390	2404390	2404413	+	1	24	ATG	TAA	0	0	
mORF_+_2404445	2404445	2404465	+	2	21	TTG	TAA	0	0	
mORF_+_2404449	2404449	2404484	+	3	36	ATG	TGA	0	0	
mORF_+_2404481	2404481	2404693	+	2	213	GTG	TGA	0	0	
mORF_+_2404584	2404584	2404781	+	3	198	GTG	TAA	0	0	
mORF_+_2404609	2404609	2404638	+	1	30	ATG	TAA	0	0	
mORF_+_2404651	2404651	2404803	+	1	153	TTG	TAA	0	0	
mORF_+_2404733	2404733	2404738	+	2	6	TTG	TAA	0	0	
mORF_+_2404784	2404784	2404831	+	2	48	ATG	TAA	0	0	
mORF_+_2404818	2404818	2404838	+	3	21	TTG	TGA	0	0	
mORF_+_2404831	2404831	2404881	+	1	51	ATG	TAA	0	0	
mORF_+_2404903	2404903	2405157	+	1	255	ATG	TGA	0	0	
mORF_+_2404908	2404908	2404925	+	3	18	ATG	TAA	0	0	
mORF_+_2404926	2404926	2404931	+	3	6	ATG	TAA	0	0	
mORF_+_2404932	2404932	2404937	+	3	6	ATG	TGA	0	0	
mORF_+_2404934	2404934	2405002	+	2	69	GTG	TGA	0	0	
mORF_+_2405076	2405076	2405090	+	3	15	TTG	TGA	0	0	
mORF_+_2405090	2405090	2405134	+	2	45	ATG	TAA	0	0	
mORF_+_2405100	2405100	2405111	+	3	12	ATG	TAG	0	0	
mORF_+_2405154	2405154	2405168	+	3	15	TTG	TAA	0	0	
mORF_+_2405224	2405224	2405316	+	1	93	TTG	TAA	0	0	
mORF_+_2405317	2405317	2405448	+	1	132	ATG	TAA	0	0	
mORF_+_2405402	2405402	2405407	+	2	6	ATG	TAA	0	0	
mORF_+_2405523	2405523	2405531	+	3	9	TTG	TAA	0	0	
mORF_+_2405552	2405552	2405596	+	2	45	GTG	TGA	0	0	
mORF_+_2405583	2405583	2406800	+	3	1218	ATG	TAA	14	91	pORF_+_2405583
mORF_+_2405593	2405593	2405613	+	1	21	TTG	TAG	0	0	
mORF_+_2405617	2405617	2405649	+	1	33	ATG	TGA	0	0	
mORF_+_2405725	2405725	2405757	+	1	33	TTG	TGA	0	0	
mORF_+_2405786	2405786	2405818	+	2	33	TTG	TAA	0	0	
mORF_+_2405845	2405845	2405931	+	1	87	GTG	TGA	0	0	
mORF_+_2406023	2406023	2406031	+	2	9	TTG	TGA	0	0	
mORF_+_2406028	2406028	2406153	+	1	126	ATG	TAA	0	0	
mORF_+_2406160	2406160	2406276	+	1	117	TTG	TGA	0	0	
mORF_+_2406313	2406313	2406345	+	1	33	TTG	TGA	0	0	
mORF_+_2406332	2406332	2406418	+	2	87	GTG	TAA	0	0	
mORF_+_2406412	2406412	2406453	+	1	42	GTG	TAG	0	0	
mORF_+_2406454	2406454	2406531	+	1	78	GTG	TGA	0	0	
mORF_+_2406521	2406521	2406613	+	2	93	GTG	TAA	0	0	
mORF_+_2406568	2406568	2406759	+	1	192	GTG	TGA	0	0	
mORF_+_2406698	2406698	2406742	+	2	45	GTG	TGA	0	0	
mORF_+_2406822	2406822	2406887	+	3	66	TTG	TGA	0	0	
mORF_+_2406850	2406850	2406858	+	1	9	ATG	TGA	0	0	

mORF_+_2406884	2406884	2407483	+	2	600	ATG	TAA	7	17	pORF_+_2406884
mORF_+_2406903	2406903	2406923	+	3	21	TTG	TGA	0	0	
mORF_+_2406969	2406969	2406995	+	3	27	ATG	TAG	0	0	
mORF_+_2407008	2407008	2407130	+	3	123	ATG	TGA	0	0	
mORF_+_2407170	2407170	2407241	+	3	72	TTG	TAA	0	0	
mORF_+_2407242	2407242	2407283	+	3	42	TTG	TGA	0	0	
mORF_+_2407293	2407293	2407313	+	3	21	ATG	TGA	0	0	
mORF_+_2407300	2407300	2407344	+	1	45	GTG	TAA	0	0	
mORF_+_2407344	2407344	2407652	+	3	309	ATG	TAA	0	0	
mORF_+_2407523	2407523	2407594	+	2	72	ATG	TAA	0	0	
mORF_+_2407594	2407594	2407638	+	1	45	ATG	TAA	0	0	
mORF_+_2407658	2407658	2407666	+	2	9	GTG	TAA	0	0	
mORF_+_2407660	2407660	2407734	+	1	75	GTG	TAA	0	0	
mORF_+_2407670	2407670	2407690	+	2	21	GTG	TAA	0	0	
mORF_+_2407700	2407700	2407804	+	2	105	ATG	TAG	0	0	
mORF_+_2407753	2407753	2407869	+	1	117	TTG	TAA	0	0	
mORF_+_2407857	2407857	2407928	+	3	72	ATG	TAA	0	0	
mORF_+_2407859	2407859	2407966	+	2	108	GTG	TAA	0	0	
mORF_+_2407879	2407879	2407980	+	1	102	ATG	TGA	0	0	
mORF_+_2407977	2407977	2408084	+	3	108	GTG	TAA	0	0	
mORF_+_2407981	2407981	2407992	+	1	12	ATG	TAG	0	0	
mORF_+_2408041	2408041	2408325	+	1	285	ATG	TAG	0	0	
mORF_+_2408115	2408115	2408141	+	3	27	ATG	TGA	0	0	
mORF_+_2408120	2408120	2408239	+	2	120	GTG	TGA	0	0	
mORF_+_2408384	2408384	2408512	+	2	129	ATG	TAA	0	0	
mORF_+_2408398	2408398	2408613	+	1	216	ATG	TAA	0	0	
mORF_+_2408460	2408460	2408624	+	3	165	TTG	TAA	0	0	
mORF_+_2408626	2408626	2408646	+	1	21	TTG	TGA	0	0	
mORF_+_2408643	2408643	2408795	+	3	153	TTG	TAA	0	0	
mORF_+_2408654	2408654	2408674	+	2	21	TTG	TAG	0	0	
mORF_+_2408779	2408779	2408865	+	1	87	ATG	TGA	0	0	
mORF_+_2408837	2408837	2408848	+	2	12	GTG	TAA	0	0	
mORF_+_2408862	2408862	2408957	+	3	96	GTG	TAA	0	0	
mORF_+_2408890	2408890	2409390	+	1	501	TTG	TAA	0	0	
mORF_+_2408972	2408972	2409022	+	2	51	GTG	TAA	0	0	
mORF_+_2408985	2408985	2409008	+	3	24	TTG	TAA	0	0	
mORF_+_2409041	2409041	2409052	+	2	12	TTG	TAA	0	0	
mORF_+_2409131	2409131	2409181	+	2	51	ATG	TAA	0	0	
mORF_+_2409260	2409260	2409277	+	2	18	ATG	TAA	0	0	
mORF_+_2409344	2409344	2409394	+	2	51	ATG	TGA	0	0	
mORF_+_2409384	2409384	2409419	+	3	36	TTG	TAA	0	0	
mORF_+_2409391	2409391	2409408	+	1	18	TTG	TGA	0	0	
mORF_+_2409448	2409448	2409471	+	1	24	ATG	TAA	0	0	
mORF_+_2409456	2409456	2409467	+	3	12	GTG	TGA	0	0	
mORF_+_2409484	2409484	2409504	+	1	21	TTG	TAA	0	0	
mORF_+_2409492	2409492	2409584	+	3	93	TTG	TGA	0	0	
mORF_+_2409506	2409506	2409676	+	2	171	TTG	TAA	1	2	pORF_+_2409506
mORF_+_2409739	2409739	2409837	+	1	99	GTG	TGA	0	0	
mORF_+_2409761	2409761	2409841	+	2	81	ATG	TAA	0	0	
mORF_+_2409783	2409783	2409833	+	3	51	ATG	TGA	0	0	
mORF_+_2409847	2409847	2409867	+	1	21	TTG	TAA	0	0	
mORF_+_2409882	2409882	2409983	+	3	102	GTG	TGA	0	0	
mORF_+_2409893	2409893	2410012	+	2	120	GTG	TAA	0	0	
mORF_+_2409984	2409984	2410019	+	3	36	ATG	TGA	0	0	
mORF_+_2410016	2410016	2410132	+	2	117	ATG	TGA	0	0	
mORF_+_2410032	2410032	2410493	+	3	462	TTG	TAA	0	0	
mORF_+_2410129	2410129	2410140	+	1	12	TTG	TGA	0	0	
mORF_+_2410150	2410150	2410170	+	1	21	TTG	TGA	0	0	
mORF_+_2410198	2410198	2410206	+	1	9	ATG	TGA	0	0	
mORF_+_2410220	2410220	2410237	+	2	18	TTG	TAA	0	0	
mORF_+_2410313	2410313	2410348	+	2	36	GTG	TGA	0	0	
mORF_+_2410321	2410321	2410410	+	1	90	GTG	TGA	0	0	
mORF_+_2410423	2410423	2410500	+	1	78	ATG	TAA	0	0	

mORF_+_2410514	2410514	2410561	+	2	48	TTG	TAG	0	0	
mORF_+_2410518	2410518	2410622	+	3	105	TTG	TGA	0	0	
mORF_+_2410570	2410570	2410578	+	1	9	TTG	TGA	0	0	
mORF_+_2410603	2410603	2410647	+	1	45	TTG	TGA	0	0	
mORF_+_2410616	2410616	2410663	+	2	48	TTG	TGA	0	0	
mORF_+_2410644	2410644	2410736	+	3	93	GTG	TGA	0	0	
mORF_+_2410666	2410666	2410761	+	1	96	ATG	TAA	0	0	
mORF_+_2410733	2410733	2410771	+	2	39	TTG	TAA	0	0	
mORF_+_2410761	2410761	2410847	+	3	87	ATG	TAA	0	0	
mORF_+_2410778	2410778	2410837	+	2	60	TTG	TAA	0	0	
mORF_+_2410851	2410851	2410871	+	3	21	TTG	TGA	0	0	
mORF_+_2410868	2410868	2410954	+	2	87	GTG	TGA	0	0	
mORF_+_2411030	2411030	2411095	+	2	66	TTG	TAA	0	0	
mORF_+_2411088	2411088	2411120	+	3	33	TTG	TAA	0	0	
mORF_+_2411095	2411095	2411151	+	1	57	ATG	TGA	0	0	
mORF_+_2411148	2411148	2411282	+	3	135	TTG	TAA	0	0	
mORF_+_2411153	2411153	2411266	+	2	114	ATG	TAG	0	0	
mORF_+_2411191	2411191	2411274	+	1	84	TTG	TGA	0	0	
mORF_+_2411297	2411297	2411335	+	2	39	TTG	TGA	0	0	
mORF_+_2411322	2411322	2411483	+	3	162	ATG	TAG	0	0	
mORF_+_2411348	2411348	2411356	+	2	9	ATG	TAG	0	0	
mORF_+_2411378	2411378	2411455	+	2	78	ATG	TGA	0	0	
mORF_+_2411416	2411416	2411466	+	1	51	ATG	TAG	0	0	
mORF_+_2411492	2411492	2412694	+	2	1203	ATG	TGA	85	1442	pORF_+_2411492
mORF_+_2411544	2411544	2411564	+	3	21	TTG	TAA	0	0	
mORF_+_2411565	2411565	2411591	+	3	27	ATG	TAG	0	0	
mORF_+_2411596	2411596	2411646	+	1	51	ATG	TAA	0	0	
mORF_+_2411664	2411664	2411747	+	3	84	GTG	TGA	0	0	
mORF_+_2411808	2411808	2411876	+	3	69	ATG	TGA	0	0	
mORF_+_2411928	2411928	2412059	+	3	132	TTG	TAA	0	0	
mORF_+_2412132	2412132	2412188	+	3	57	GTG	TGA	0	0	
mORF_+_2412163	2412163	2412171	+	1	9	ATG	TGA	0	0	
mORF_+_2412225	2412225	2412275	+	3	51	GTG	TGA	0	0	
mORF_+_2412279	2412279	2412302	+	3	24	TTG	TGA	0	0	
mORF_+_2412354	2412354	2412452	+	3	99	ATG	TGA	0	0	
mORF_+_2412456	2412456	2412686	+	3	231	ATG	TGA	0	0	
mORF_+_2412720	2412720	2412752	+	3	33	GTG	TAA	0	0	
mORF_+_2412728	2412728	2412733	+	2	6	TTG	TAA	0	0	
mORF_+_2412769	2412769	2414913	+	1	2145	GTG	TAA	128	1890	pORF_+_2412769
mORF_+_2412830	2412830	2412838	+	2	9	TTG	TGA	0	0	
mORF_+_2412842	2412842	2412871	+	2	30	GTG	TGA	0	0	
mORF_+_2412905	2412905	2412979	+	2	75	GTG	TGA	0	0	
mORF_+_2412992	2412992	2413030	+	2	39	TTG	TGA	0	0	
mORF_+_2413088	2413088	2413135	+	2	48	TTG	TGA	0	0	
mORF_+_2413160	2413160	2413213	+	2	54	ATG	TGA	0	0	
mORF_+_2413250	2413250	2413294	+	2	45	GTG	TGA	0	0	
mORF_+_2413304	2413304	2413372	+	2	69	TTG	TAA	0	0	
mORF_+_2413376	2413376	2413450	+	2	75	ATG	TGA	0	0	
mORF_+_2413434	2413434	2413445	+	3	12	GTG	TGA	0	0	
mORF_+_2413460	2413460	2413486	+	2	27	GTG	TGA	0	0	
mORF_+_2413487	2413487	2413603	+	2	117	ATG	TGA	0	0	
mORF_+_2413638	2413638	2413718	+	3	81	TTG	TAA	0	0	
mORF_+_2413670	2413670	2413684	+	2	15	GTG	TGA	0	0	
mORF_+_2413722	2413722	2413826	+	3	105	GTG	TGA	0	0	
mORF_+_2413730	2413730	2413765	+	2	36	GTG	TGA	0	0	
mORF_+_2413823	2413823	2413900	+	2	78	TTG	TGA	0	0	
mORF_+_2413964	2413964	2414119	+	2	156	TTG	TAG	0	0	
mORF_+_2414061	2414061	2414078	+	3	18	TTG	TAA	0	0	
mORF_+_2414126	2414126	2414212	+	2	87	GTG	TGA	0	0	
mORF_+_2414222	2414222	2414266	+	2	45	TTG	TGA	0	0	
mORF_+_2414279	2414279	2414350	+	2	72	ATG	TGA	0	0	
mORF_+_2414426	2414426	2414575	+	2	150	GTG	TAG	0	0	
mORF_+_2414672	2414672	2414740	+	2	69	TTG	TGA	0	0	

mORF_+_2414843	2414843	2414884	+	2	42	GTG	TGA	0	0
mORF_+_2414934	2414934	2414963	+	3	30	TTG	TAA	0	0
mORF_+_2414994	2414994	2415002	+	3	9	TTG	TAA	0	0
mORF_+_2415018	2415018	2415119	+	3	102	TTG	TGA	0	0
mORF_+_2415044	2415044	2415163	+	2	120	TTG	TGA	0	0
mORF_+_2415082	2415082	2416623	+	1	1542	GTG	TAA	0	0
mORF_+_2415138	2415138	2415227	+	3	90	ATG	TGA	0	0
mORF_+_2415173	2415173	2415187	+	2	15	TTG	TAA	0	0
mORF_+_2415194	2415194	2415208	+	2	15	TTG	TAG	0	0
mORF_+_2415224	2415224	2415283	+	2	60	TTG	TAG	0	0
mORF_+_2415362	2415362	2415379	+	2	18	ATG	TGA	0	0
mORF_+_2415392	2415392	2415403	+	2	12	TTG	TAA	0	0
mORF_+_2415431	2415431	2415457	+	2	27	TTG	TGA	0	0
mORF_+_2415458	2415458	2415481	+	2	24	TTG	TGA	0	0
mORF_+_2415497	2415497	2415646	+	2	150	TTG	TAA	0	0
mORF_+_2415662	2415662	2415688	+	2	27	ATG	TGA	0	0
mORF_+_2415695	2415695	2415730	+	2	36	TTG	TGA	0	0
mORF_+_2415723	2415723	2415896	+	3	174	GTG	TGA	0	0
mORF_+_2415740	2415740	2415826	+	2	87	GTG	TGA	0	0
mORF_+_2415827	2415827	2415835	+	2	9	TTG	TGA	0	0
mORF_+_2415893	2415893	2415973	+	2	81	ATG	TGA	0	0
mORF_+_2415974	2415974	2415982	+	2	9	TTG	TGA	0	0
mORF_+_2416005	2416005	2416022	+	3	18	TTG	TAA	0	0
mORF_+_2416022	2416022	2416075	+	2	54	ATG	TGA	0	0
mORF_+_2416076	2416076	2416114	+	2	39	TTG	TGA	0	0
mORF_+_2416217	2416217	2416246	+	2	30	ATG	TAA	0	0
mORF_+_2416265	2416265	2416348	+	2	84	TTG	TGA	0	0
mORF_+_2416397	2416397	2416495	+	2	99	TTG	TAA	0	0
mORF_+_2416508	2416508	2416540	+	2	33	GTG	TGA	0	0
mORF_+_2416512	2416512	2416532	+	3	21	GTG	TAA	0	0
mORF_+_2416559	2416559	2416591	+	2	33	TTG	TAG	0	0
mORF_+_2416626	2416626	2416718	+	3	93	ATG	TAG	0	0
mORF_+_2416642	2416642	2416827	+	1	186	TTG	TGA	0	0
mORF_+_2416754	2416754	2416762	+	2	9	GTG	TGA	0	0
mORF_+_2416811	2416811	2416840	+	2	30	GTG	TGA	0	0
mORF_+_2416824	2416824	2417000	+	3	177	GTG	TAA	0	0
mORF_+_2416844	2416844	2417137	+	2	294	ATG	TGA	0	0
mORF_+_2416915	2416915	2417079	+	1	165	ATG	TAA	0	0
mORF_+_2417064	2417064	2417243	+	3	180	ATG	TGA	0	0
mORF_+_2417134	2417134	2417292	+	1	159	ATG	TGA	0	0
mORF_+_2417177	2417177	2417254	+	2	78	TTG	TAA	0	0
mORF_+_2417247	2417247	2417462	+	3	216	GTG	TAA	0	0
mORF_+_2417296	2417296	2417340	+	1	45	TTG	TAA	0	0
mORF_+_2417300	2417300	2417314	+	2	15	GTG	TAA	0	0
mORF_+_2417383	2417383	2417433	+	1	51	TTG	TGA	0	0
mORF_+_2417490	2417490	2417528	+	3	39	ATG	TAA	0	0
mORF_+_2417535	2417535	2417672	+	3	138	TTG	TAA	0	0
mORF_+_2417593	2417593	2417661	+	1	69	TTG	TAA	0	0
mORF_+_2417618	2417618	2417632	+	2	15	GTG	TAA	0	0
mORF_+_2417688	2417688	2417771	+	3	84	GTG	TAA	0	0
mORF_+_2417778	2417778	2417834	+	3	57	ATG	TAA	0	0
mORF_+_2417782	2417782	2417841	+	1	60	ATG	TGA	0	0
mORF_+_2417789	2417789	2417935	+	2	147	ATG	TAA	0	0
mORF_+_2417838	2417838	2417894	+	3	57	ATG	TAA	0	0
mORF_+_2417857	2417857	2417970	+	1	114	TTG	TAG	0	0
mORF_+_2417925	2417925	2417984	+	3	60	ATG	TAA	0	0
mORF_+_2418011	2418011	2418040	+	2	30	ATG	TGA	0	0
mORF_+_2418055	2418055	2418108	+	1	54	ATG	TAG	0	0
mORF_+_2418108	2418108	2418404	+	3	297	GTG	TGA	0	0
mORF_+_2418161	2418161	2418193	+	2	33	ATG	TGA	0	0
mORF_+_2418284	2418284	2418346	+	2	63	ATG	TGA	0	0
mORF_+_2418319	2418319	2418324	+	1	6	TTG	TAA	0	0
mORF_+_2418355	2418355	2418450	+	1	96	TTG	TAA	0	0

mORF_+_2418395	2418395	2418409	+	2	15	ATG	TGA	0	0	
mORF_+_2418469	2418469	2418480	+	1	12	GTG	TGA	0	0	
mORF_+_2418488	2418488	2418646	+	2	159	GTG	TGA	0	0	
mORF_+_2418556	2418556	2418627	+	1	72	TTG	TAA	0	0	
mORF_+_2418609	2418609	2418623	+	3	15	GTG	TGA	0	0	
mORF_+_2418643	2418643	2419290	+	1	648	ATG	TAA	1	2	pORF_+_2418643
mORF_+_2418674	2418674	2418727	+	2	54	ATG	TGA	0	0	
mORF_+_2418806	2418806	2418844	+	2	39	TTG	TAA	0	0	
mORF_+_2418851	2418851	2418904	+	2	54	TTG	TGA	0	0	
mORF_+_2418908	2418908	2418958	+	2	51	ATG	TAG	0	0	
mORF_+_2418939	2418939	2418998	+	3	60	GTG	TAA	0	0	
mORF_+_2418977	2418977	2419075	+	2	99	TTG	TGA	0	0	
mORF_+_2419124	2419124	2419183	+	2	60	TTG	TAG	0	0	
mORF_+_2419146	2419146	2419154	+	3	9	GTG	TAA	0	0	
mORF_+_2419211	2419211	2419255	+	2	45	ATG	TAA	0	0	
mORF_+_2419268	2419268	2419324	+	2	57	GTG	TAA	0	0	
mORF_+_2419306	2419306	2419377	+	1	72	GTG	TAA	0	0	
mORF_+_2419347	2419347	2419709	+	3	363	ATG	TAA	21	265	pORF_+_2419347
mORF_+_2419441	2419441	2419455	+	1	15	TTG	TGA	0	0	
mORF_+_2419504	2419504	2419512	+	1	9	ATG	TGA	0	0	
mORF_+_2419546	2419546	2419551	+	1	6	ATG	TAG	0	0	
mORF_+_2419591	2419591	2419626	+	1	36	ATG	TGA	0	0	
mORF_+_2419630	2419630	2419689	+	1	60	ATG	TGA	0	0	
mORF_+_2419730	2419730	2420623	+	2	894	ATG	TGA	11	42	pORF_+_2419730
mORF_+_2419764	2419764	2419778	+	3	15	TTG	TGA	0	0	
mORF_+_2419870	2419870	2419911	+	1	42	ATG	TGA	0	0	
mORF_+_2419881	2419881	2419919	+	3	39	TTG	TAA	0	0	
mORF_+_2419941	2419941	2420024	+	3	84	TTG	TGA	0	0	
mORF_+_2420028	2420028	2420093	+	3	66	ATG	TAG	0	0	
mORF_+_2420094	2420094	2420225	+	3	132	GTG	TAG	0	0	
mORF_+_2420203	2420203	2420256	+	1	54	GTG	TAA	0	0	
mORF_+_2420238	2420238	2420501	+	3	264	ATG	TAA	0	0	
mORF_+_2420529	2420529	2420594	+	3	66	GTG	TAG	0	0	
mORF_+_2420610	2420610	2420690	+	3	81	ATG	TAA	0	0	
mORF_+_2420623	2420623	2420703	+	1	81	ATG	TGA	0	0	
mORF_+_2420660	2420660	2420674	+	2	15	GTG	TAG	0	0	
mORF_+_2420700	2420700	2420723	+	3	24	GTG	TAA	0	0	
mORF_+_2420782	2420782	2420814	+	1	33	GTG	TAA	0	0	
mORF_+_2420786	2420786	2420920	+	2	135	TTG	TAA	0	0	
mORF_+_2420796	2420796	2420879	+	3	84	TTG	TAA	0	0	
mORF_+_2420848	2420848	2420913	+	1	66	TTG	TAA	0	0	
mORF_+_2420880	2420880	2420924	+	3	45	ATG	TAA	0	0	
mORF_+_2420951	2420951	2421010	+	2	60	GTG	TGA	0	0	
mORF_+_2420980	2420980	2420991	+	1	12	TTG	TAA	0	0	
mORF_+_2421016	2421016	2421030	+	1	15	ATG	TAA	0	0	
mORF_+_2421047	2421047	2421169	+	2	123	TTG	TAA	0	0	
mORF_+_2421052	2421052	2421111	+	1	60	GTG	TGA	0	0	
mORF_+_2421108	2421108	2421131	+	3	24	ATG	TAG	0	0	
mORF_+_2421162	2421162	2421407	+	3	246	GTG	TAA	0	0	
mORF_+_2421190	2421190	2421294	+	1	105	ATG	TAA	0	0	
mORF_+_2421263	2421263	2421271	+	2	9	ATG	TAA	0	0	
mORF_+_2421278	2421278	2421331	+	2	54	ATG	TAA	0	0	
mORF_+_2421310	2421310	2421438	+	1	129	TTG	TAA	0	0	
mORF_+_2421414	2421414	2421428	+	3	15	TTG	TAA	0	0	
mORF_+_2421449	2421449	2421472	+	2	24	TTG	TGA	0	0	
mORF_+_2421469	2421469	2421510	+	1	42	ATG	TAA	0	0	
mORF_+_2421494	2421494	2421592	+	2	99	GTG	TGA	0	0	
mORF_+_2421532	2421532	2421603	+	1	72	ATG	TAA	0	0	
mORF_+_2421546	2421546	2421587	+	3	42	TTG	TAA	0	0	
mORF_+_2421620	2421620	2421670	+	2	51	ATG	TAG	0	0	
mORF_+_2421642	2421642	2421680	+	3	39	TTG	TAA	0	0	
mORF_+_2421719	2421719	2421742	+	2	24	ATG	TAG	0	0	
mORF_+_2421785	2421785	2421817	+	2	33	TTG	TAA	0	0	

mORF_+_2421807	2421807	2421854	+	3	48	TTG	TGA	0	0
mORF_+_2421854	2421854	2422012	+	2	159	ATG	TAA	0	0
mORF_+_2421864	2421864	2421872	+	3	9	ATG	TGA	0	0
mORF_+_2421918	2421918	2422064	+	3	147	ATG	TGA	0	0
mORF_+_2422058	2422058	2422267	+	2	210	TTG	TAA	0	0
mORF_+_2422120	2422120	2422194	+	1	75	TTG	TGA	0	0
mORF_+_2422158	2422158	2422178	+	3	21	TTG	TGA	0	0
mORF_+_2422191	2422191	2422277	+	3	87	ATG	TGA	0	0
mORF_+_2422255	2422255	2422296	+	1	42	GTG	TGA	0	0
mORF_+_2422274	2422274	2422459	+	2	186	TTG	TGA	0	0
mORF_+_2422293	2422293	2422301	+	3	9	TTG	TGA	0	0
mORF_+_2422308	2422308	2422490	+	3	183	TTG	TAG	0	0
mORF_+_2422456	2422456	2422509	+	1	54	GTG	TAA	0	0
mORF_+_2422478	2422478	2422516	+	2	39	ATG	TAA	0	0
mORF_+_2422494	2422494	2422550	+	3	57	TTG	TGA	0	0
mORF_+_2422547	2422547	2422603	+	2	57	TTG	TGA	0	0
mORF_+_2422563	2422563	2422625	+	3	63	ATG	TAA	0	0
mORF_+_2422618	2422618	2422629	+	1	12	ATG	TAG	0	0
mORF_+_2422642	2422642	2422665	+	1	24	ATG	TGA	0	0
mORF_+_2422662	2422662	2422778	+	3	117	TTG	TAA	0	0
mORF_+_2422669	2422669	2422842	+	1	174	GTG	TAG	0	0
mORF_+_2422724	2422724	2422738	+	2	15	ATG	TAG	0	0
mORF_+_2422769	2422769	2422807	+	2	39	ATG	TAA	0	0
mORF_+_2422866	2422866	2423075	+	3	210	ATG	TAA	0	0
mORF_+_2422883	2422883	2422906	+	2	24	TTG	TAG	0	0
mORF_+_2422906	2422906	2422911	+	1	6	GTG	TAA	0	0
mORF_+_2422918	2422918	2423022	+	1	105	GTG	TAG	0	0
mORF_+_2423081	2423081	2423167	+	2	87	TTG	TAA	0	0
mORF_+_2423092	2423092	2423205	+	1	114	ATG	TAA	0	0
mORF_+_2423238	2423238	2423243	+	3	6	ATG	TAA	0	0
mORF_+_2423313	2423313	2423339	+	3	27	TTG	TAA	0	0
mORF_+_2423355	2423355	2423366	+	3	12	ATG	TAG	0	0
mORF_+_2423385	2423385	2423495	+	3	111	TTG	TAA	0	0
mORF_+_2423396	2423396	2423431	+	2	36	TTG	TAA	0	0
mORF_+_2423440	2423440	2423448	+	1	9	GTG	TAG	0	0
mORF_+_2423514	2423514	2423621	+	3	108	ATG	TAA	0	0
mORF_+_2423531	2423531	2423713	+	2	183	TTG	TAG	0	0
mORF_+_2423643	2423643	2423732	+	3	90	GTG	TAG	0	0
mORF_+_2423778	2423778	2424191	+	3	414	GTG	TAA	0	0
mORF_+_2423816	2423816	2423845	+	2	30	TTG	TAA	0	0
mORF_+_2423954	2423954	2424031	+	2	78	GTG	TAG	0	0
mORF_+_2423956	2423956	2423964	+	1	9	GTG	TGA	0	0
mORF_+_2424110	2424110	2424214	+	2	105	TTG	TAA	0	0
mORF_+_2424229	2424229	2424540	+	1	312	TTG	TGA	0	0
mORF_+_2424233	2424233	2424307	+	2	75	TTG	TAA	0	0
mORF_+_2424308	2424308	2424325	+	2	18	ATG	TGA	0	0
mORF_+_2424341	2424341	2424439	+	2	99	ATG	TGA	0	0
mORF_+_2424348	2424348	2424497	+	3	150	TTG	TGA	0	0
mORF_+_2424440	2424440	2424514	+	2	75	ATG	TGA	0	0
mORF_+_2424527	2424527	2424706	+	2	180	ATG	TAG	0	0
mORF_+_2424537	2424537	2424545	+	3	9	ATG	TGA	0	0
mORF_+_2424613	2424613	2424636	+	1	24	TTG	TAA	0	0
mORF_+_2424642	2424642	2424812	+	3	171	TTG	TAA	0	0
mORF_+_2424676	2424676	2424681	+	1	6	TTG	TGA	0	0
mORF_+_2424722	2424722	2424877	+	2	156	ATG	TAA	0	0
mORF_+_2424733	2424733	2424795	+	1	63	TTG	TAG	0	0
mORF_+_2424855	2424855	2424932	+	3	78	TTG	TAA	0	0
mORF_+_2424880	2424880	2424942	+	1	63	TTG	TAA	0	0
mORF_+_2424935	2424935	2424994	+	2	60	ATG	TGA	0	0
mORF_+_2424945	2424945	2424968	+	3	24	ATG	TAG	0	0
mORF_+_2424955	2424955	2425050	+	1	96	ATG	TAA	0	0
mORF_+_2424984	2424984	2425043	+	3	60	GTG	TAG	0	0
mORF_+_2425074	2425074	2425082	+	3	9	TTG	TAG	0	0

mORF_+_2425083	2425083	2425094	+	3	12	GTG	TGA	0	0	
mORF_+_2425116	2425116	2425310	+	3	195	TTG	TAG	0	0	
mORF_+_2425198	2425198	2425239	+	1	42	ATG	TGA	0	0	
mORF_+_2425232	2425232	2425273	+	2	42	TTG	TAA	0	0	
mORF_+_2425323	2425323	2425331	+	3	9	TTG	TAG	0	0	
mORF_+_2425387	2425387	2425530	+	1	144	TTG	TAA	0	0	
mORF_+_2425409	2425409	2425426	+	2	18	ATG	TGA	0	0	
mORF_+_2425455	2425455	2425517	+	3	63	TTG	TGA	0	0	
mORF_+_2425530	2425530	2425709	+	3	180	ATG	TAG	0	0	
mORF_+_2425573	2425573	2425683	+	1	111	GTG	TAG	0	0	
mORF_+_2425693	2425693	2425830	+	1	138	ATG	TGA	0	0	
mORF_+_2425710	2425710	2425754	+	3	45	GTG	TAG	0	0	
mORF_+_2425767	2425767	2425928	+	3	162	GTG	TAA	0	0	
mORF_+_2425844	2425844	2425903	+	2	60	ATG	TGA	0	0	
mORF_+_2425849	2425849	2425989	+	1	141	GTG	TGA	0	0	
mORF_+_2425931	2425931	2426008	+	2	78	ATG	TGA	0	0	
mORF_+_2425953	2425953	2425961	+	3	9	TTG	TGA	0	0	
mORF_+_2425986	2425986	2426060	+	3	75	TTG	TGA	0	0	
mORF_+_2426005	2426005	2426037	+	1	33	TTG	TGA	0	0	
mORF_+_2426009	2426009	2426149	+	2	141	ATG	TAA	0	0	
mORF_+_2426044	2426044	2426157	+	1	114	TTG	TGA	0	0	
mORF_+_2426178	2426178	2426249	+	3	72	TTG	TAA	0	0	
mORF_+_2426256	2426256	2426264	+	3	9	ATG	TAA	0	0	
mORF_+_2426265	2426265	2426342	+	3	78	GTG	TAA	0	0	
mORF_+_2426270	2426270	2426383	+	2	114	ATG	TGA	0	0	
mORF_+_2426358	2426358	2426387	+	3	30	ATG	TGA	0	0	
mORF_+_2426365	2426365	2426604	+	1	240	ATG	TAA	0	0	
mORF_+_2426384	2426384	2426467	+	2	84	TTG	TGA	0	0	
mORF_+_2426460	2426460	2426477	+	3	18	GTG	TAA	0	0	
mORF_+_2426477	2426477	2426569	+	2	93	ATG	TGA	0	0	
mORF_+_2426550	2426550	2426588	+	3	39	ATG	TAA	0	0	
mORF_+_2426626	2426626	2426817	+	1	192	ATG	TAA	0	0	
mORF_+_2426655	2426655	2426861	+	3	207	TTG	TGA	0	0	
mORF_+_2426669	2426669	2426785	+	2	117	TTG	TGA	0	0	
mORF_+_2426798	2426798	2426839	+	2	42	TTG	TAG	0	0	
mORF_+_2426855	2426855	2426866	+	2	12	TTG	TAG	0	0	
mORF_+_2426873	2426873	2427007	+	2	135	TTG	TGA	0	0	
mORF_+_2427004	2427004	2427774	+	1	771	GTG	TAA	1	5	pORF_+_2427004
mORF_+_2427020	2427020	2427046	+	2	27	GTG	TAA	0	0	
mORF_+_2427069	2427069	2427125	+	3	57	GTG	TAA	0	0	
mORF_+_2427137	2427137	2427274	+	2	138	GTG	TAG	0	0	
mORF_+_2427305	2427305	2427445	+	2	141	TTG	TAA	0	0	
mORF_+_2427455	2427455	2427535	+	2	81	TTG	TGA	0	0	
mORF_+_2427560	2427560	2427568	+	2	9	GTG	TAA	0	0	
mORF_+_2427705	2427705	2427740	+	3	36	TTG	TAA	0	0	
mORF_+_2427780	2427780	2427863	+	3	84	TTG	TAA	0	0	
mORF_+_2427782	2427782	2427826	+	2	45	GTG	TAG	0	0	
mORF_+_2427826	2427826	2428200	+	1	375	GTG	TAA	0	0	
mORF_+_2427836	2427836	2427937	+	2	102	TTG	TGA	0	0	
mORF_+_2427941	2427941	2427994	+	2	54	TTG	TAA	0	0	
mORF_+_2428031	2428031	2428039	+	2	9	GTG	TAA	0	0	
mORF_+_2428052	2428052	2428177	+	2	126	ATG	TGA	0	0	
mORF_+_2428317	2428317	2428352	+	3	36	TTG	TGA	0	0	
mORF_+_2428327	2428327	2428383	+	1	57	TTG	TGA	0	0	
mORF_+_2428352	2428352	2428648	+	2	297	ATG	TAA	0	0	
mORF_+_2428380	2428380	2428418	+	3	39	GTG	TAA	0	0	
mORF_+_2428649	2428649	2428654	+	2	6	GTG	TAG	0	0	
mORF_+_2428657	2428657	2428701	+	1	45	ATG	TAA	0	0	
mORF_+_2428686	2428686	2428733	+	3	48	ATG	TAA	0	0	
mORF_+_2428763	2428763	2428771	+	2	9	ATG	TAA	0	0	
mORF_+_2428786	2428786	2428884	+	1	99	ATG	TAA	0	0	
mORF_+_2428788	2428788	2428835	+	3	48	GTG	TAA	0	0	
mORF_+_2428887	2428887	2429159	+	3	273	ATG	TAA	0	0	

mORF_+_2428924	2428924	2429079	+	1	156	ATG	TAA	0	0	
mORF_+_2428949	2428949	2428966	+	2	18	GTG	TAA	0	0	
mORF_+_2429089	2429089	2429520	+	1	432	TTG	TAA	1	2	pORF_+_2429089
mORF_+_2429177	2429177	2429194	+	2	18	GTG	TAA	0	0	
mORF_+_2429181	2429181	2429363	+	3	183	ATG	TAG	0	0	
mORF_+_2429388	2429388	2429441	+	3	54	GTG	TAG	0	0	
mORF_+_2429423	2429423	2429605	+	2	183	GTG	TGA	0	0	
mORF_+_2429460	2429460	2429588	+	3	129	GTG	TAG	0	0	
mORF_+_2429608	2429608	2429682	+	1	75	ATG	TAA	1	2	pORF_+_2429608
mORF_+_2429672	2429672	2429692	+	2	21	GTG	TGA	0	0	
mORF_+_2429700	2429700	2430242	+	3	543	TTG	TGA	0	0	
mORF_+_2429738	2429738	2429836	+	2	99	ATG	TGA	0	0	
mORF_+_2429740	2429740	2429790	+	1	51	GTG	TAG	0	0	
mORF_+_2429800	2429800	2429979	+	1	180	TTG	TAA	0	0	
mORF_+_2429852	2429852	2429968	+	2	117	ATG	TAG	0	0	
mORF_+_2430041	2430041	2430307	+	2	267	ATG	TAA	0	0	
mORF_+_2430043	2430043	2430069	+	1	27	GTG	TAA	0	0	
mORF_+_2430073	2430073	2430150	+	1	78	GTG	TGA	0	0	
mORF_+_2430172	2430172	2430252	+	1	81	GTG	TAA	0	0	
mORF_+_2430270	2430270	2430281	+	3	12	GTG	TAG	0	0	
mORF_+_2430310	2430310	2430345	+	1	36	GTG	TAG	0	0	
mORF_+_2430339	2430339	2430449	+	3	111	ATG	TGA	0	0	
mORF_+_2430370	2430370	2430561	+	1	192	TTG	TGA	0	0	
mORF_+_2430446	2430446	2430976	+	2	531	ATG	TGA	0	0	
mORF_+_2430495	2430495	2430599	+	3	105	TTG	TAG	0	0	
mORF_+_2430619	2430619	2430810	+	1	192	GTG	TAA	0	0	
mORF_+_2430648	2430648	2430701	+	3	54	GTG	TAA	0	0	
mORF_+_2430735	2430735	2430911	+	3	177	TTG	TAA	0	0	
mORF_+_2430817	2430817	2430885	+	1	69	ATG	TAG	0	0	
mORF_+_2430948	2430948	2430989	+	3	42	GTG	TGA	0	0	
mORF_+_2430986	2430986	2431279	+	2	294	GTG	TAA	0	0	
mORF_+_2431012	2431012	2431254	+	1	243	GTG	TAA	0	0	
mORF_+_2431131	2431131	2431796	+	3	666	ATG	TGA	0	0	
mORF_+_2431324	2431324	2431563	+	1	240	TTG	TAA	0	0	
mORF_+_2431576	2431576	2431875	+	1	300	ATG	TAG	0	0	
mORF_+_2431763	2431763	2431849	+	2	87	ATG	TAA	0	0	
mORF_+_2431893	2431893	2431967	+	3	75	ATG	TGA	0	0	
mORF_+_2431978	2431978	2432034	+	1	57	ATG	TGA	0	0	
mORF_+_2432006	2432006	2432137	+	2	132	ATG	TGA	0	0	
mORF_+_2432031	2432031	2432048	+	3	18	ATG	TAA	0	0	
mORF_+_2432035	2432035	2432055	+	1	21	ATG	TAA	0	0	
mORF_+_2432068	2432068	2432577	+	1	510	TTG	TGA	0	0	
mORF_+_2432109	2432109	2432153	+	3	45	TTG	TGA	0	0	
mORF_+_2432150	2432150	2432212	+	2	63	ATG	TGA	0	0	
mORF_+_2432223	2432223	2432252	+	3	30	TTG	TAA	0	0	
mORF_+_2432271	2432271	2432351	+	3	81	GTG	TGA	0	0	
mORF_+_2432312	2432312	2432404	+	2	93	ATG	TAA	0	0	
mORF_+_2432417	2432417	2432428	+	2	12	TTG	TAA	0	0	
mORF_+_2432450	2432450	2432497	+	2	48	TTG	TAA	0	0	
mORF_+_2432498	2432498	2432677	+	2	180	TTG	TAA	0	0	
mORF_+_2432574	2432574	2432735	+	3	162	GTG	TAA	0	0	
mORF_+_2432713	2432713	2432823	+	1	111	ATG	TGA	0	0	
mORF_+_2432723	2432723	2432752	+	2	30	ATG	TAA	0	0	
mORF_+_2432766	2432766	2432849	+	3	84	TTG	TAG	0	0	
mORF_+_2432777	2432777	2432803	+	2	27	TTG	TAA	0	0	
mORF_+_2432825	2432825	2432863	+	2	39	ATG	TAG	0	0	
mORF_+_2432872	2432872	2433048	+	1	177	TTG	TGA	0	0	
mORF_+_2433006	2433006	2433056	+	3	51	TTG	TGA	0	0	
mORF_+_2433008	2433008	2433388	+	2	381	GTG	TAA	0	0	
mORF_+_2433108	2433108	2433242	+	3	135	GTG	TAA	0	0	
mORF_+_2433288	2433288	2433293	+	3	6	TTG	TAG	0	0	
mORF_+_2433294	2433294	2433302	+	3	9	ATG	TAG	0	0	
mORF_+_2433318	2433318	2433338	+	3	21	GTG	TGA	0	0	

mORF_+_2433375	2433375	2433590	+	3	216	ATG	TAA	0	0
mORF_+_2433436	2433436	2433507	+	1	72	TTG	TGA	0	0
mORF_+_2433446	2433446	2433661	+	2	216	ATG	TAG	0	0
mORF_+_2433612	2433612	2433632	+	3	21	ATG	TAA	0	0
mORF_+_2433754	2433754	2434068	+	1	315	TTG	TAA	0	0
mORF_+_2433831	2433831	2433929	+	3	99	TTG	TGA	0	0
mORF_+_2433926	2433926	2433943	+	2	18	TTG	TGA	0	0
mORF_+_2433957	2433957	2433974	+	3	18	GTG	TAG	0	0
mORF_+_2434007	2434007	2434093	+	2	87	TTG	TGA	0	0
mORF_+_2434124	2434124	2434234	+	2	111	ATG	TGA	0	0
mORF_+_2434218	2434218	2434295	+	3	78	GTG	TGA	0	0
mORF_+_2434292	2434292	2434312	+	2	21	ATG	TAA	0	0
mORF_+_2434409	2434409	2434570	+	2	162	TTG	TAA	0	0
mORF_+_2434461	2434461	2434511	+	3	51	ATG	TGA	0	0
mORF_+_2434512	2434512	2434787	+	3	276	TTG	TGA	0	0
mORF_+_2434534	2434534	2434692	+	1	159	TTG	TAG	0	0
mORF_+_2434652	2434652	2434765	+	2	114	ATG	TAA	0	0
mORF_+_2434708	2434708	2434728	+	1	21	ATG	TGA	0	0
mORF_+_2434784	2434784	2434981	+	2	198	ATG	TAA	0	0
mORF_+_2434852	2434852	2434959	+	1	108	TTG	TGA	0	0
mORF_+_2434932	2434932	2435009	+	3	78	ATG	TAA	0	0
mORF_+_2434981	2434981	2435055	+	1	75	ATG	TAA	0	0
mORF_+_2435009	2435009	2435044	+	2	36	ATG	TAA	0	0
mORF_+_2435025	2435025	2435195	+	3	171	GTG	TAA	0	0
mORF_+_2435081	2435081	2435155	+	2	75	GTG	TGA	0	0
mORF_+_2435119	2435119	2435775	+	1	657	GTG	TGA	0	0
mORF_+_2435313	2435313	2435318	+	3	6	ATG	TAG	0	0
mORF_+_2435345	2435345	2435455	+	2	111	GTG	TAA	0	0
mORF_+_2435352	2435352	2435384	+	3	33	ATG	TAA	0	0
mORF_+_2435534	2435534	2435698	+	2	165	GTG	TAA	0	0
mORF_+_2435661	2435661	2435831	+	3	171	ATG	TAA	0	0
mORF_+_2435786	2435786	2435827	+	2	42	TTG	TAA	0	0
mORF_+_2435876	2435876	2435923	+	2	48	TTG	TAA	0	0
mORF_+_2435878	2435878	2435892	+	1	15	GTG	TGA	0	0
mORF_+_2435889	2435889	2435972	+	3	84	ATG	TAA	0	0
mORF_+_2435942	2435942	2435962	+	2	21	TTG	TAA	0	0
mORF_+_2435972	2435972	2436967	+	2	996	ATG	TAA	0	0
mORF_+_2436136	2436136	2436210	+	1	75	GTG	TGA	0	0
mORF_+_2436159	2436159	2436272	+	3	114	TTG	TAG	0	0
mORF_+_2436342	2436342	2436359	+	3	18	TTG	TGA	0	0
mORF_+_2436480	2436480	2436488	+	3	9	ATG	TAA	0	0
mORF_+_2436507	2436507	2436572	+	3	66	TTG	TGA	0	0
mORF_+_2436576	2436576	2436587	+	3	12	ATG	TAA	0	0
mORF_+_2436702	2436702	2436878	+	3	177	ATG	TGA	0	0
mORF_+_2436916	2436916	2436981	+	1	66	GTG	TGA	0	0
mORF_+_2436978	2436978	2436992	+	3	15	ATG	TGA	0	0
mORF_+_2436989	2436989	2437045	+	2	57	GTG	TAA	0	0
mORF_+_2437052	2437052	2437105	+	2	54	GTG	TGA	0	0
mORF_+_2437125	2437125	2437160	+	3	36	GTG	TAA	0	0
mORF_+_2437130	2437130	2437420	+	2	291	GTG	TAG	0	0
mORF_+_2437141	2437141	2437146	+	1	6	TTG	TGA	0	0
mORF_+_2437227	2437227	2437343	+	3	117	ATG	TGA	0	0
mORF_+_2437249	2437249	2437464	+	1	216	TTG	TAG	0	0
mORF_+_2437359	2437359	2437379	+	3	21	ATG	TAA	0	0
mORF_+_2437464	2437464	2437493	+	3	30	GTG	TAA	0	0
mORF_+_2437515	2437515	2437598	+	3	84	ATG	TGA	0	0
mORF_+_2437544	2437544	2437621	+	2	78	TTG	TAA	0	0
mORF_+_2437605	2437605	2437814	+	3	210	GTG	TGA	0	0
mORF_+_2437621	2437621	2437692	+	1	72	ATG	TGA	0	0
mORF_+_2437700	2437700	2437888	+	2	189	TTG	TGA	0	0
mORF_+_2437708	2437708	2437731	+	1	24	GTG	TAG	0	0
mORF_+_2437818	2437818	2437955	+	3	138	GTG	TAG	0	0
mORF_+_2437912	2437912	2438229	+	1	318	TTG	TAA	0	0

mORF_+_2437979	2437979	2438002	+	2	24	ATG	TAG	0	0	
mORF_+_2438057	2438057	2438062	+	2	6	ATG	TAG	0	0	
mORF_+_2438063	2438063	2438305	+	2	243	GTG	TGA	0	0	
mORF_+_2438115	2438115	2438300	+	3	186	GTG	TGA	0	0	
mORF_+_2438302	2438302	2439537	+	1	1236	GTG	TGA	2	53	pORF_+_2438302
mORF_+_2438330	2438330	2438338	+	2	9	TTG	TAG	0	0	
mORF_+_2438370	2438370	2438468	+	3	99	ATG	TAG	0	0	
mORF_+_2438420	2438420	2438596	+	2	177	TTG	TAG	0	0	
mORF_+_2438639	2438639	2438749	+	2	111	ATG	TAA	0	0	
mORF_+_2438649	2438649	2438693	+	3	45	TTG	TAG	0	0	
mORF_+_2438754	2438754	2438939	+	3	186	TTG	TAA	0	0	
mORF_+_2438786	2438786	2438851	+	2	66	ATG	TAG	0	0	
mORF_+_2438870	2438870	2438875	+	2	6	ATG	TGA	0	0	
mORF_+_2438987	2438987	2439160	+	2	174	GTG	TAG	0	0	
mORF_+_2439018	2439018	2439152	+	3	135	TTG	TGA	0	0	
mORF_+_2439185	2439185	2439352	+	2	168	GTG	TAA	0	0	
mORF_+_2439210	2439210	2439227	+	3	18	ATG	TGA	0	0	
mORF_+_2439270	2439270	2439395	+	3	126	TTG	TAG	0	0	
mORF_+_2439402	2439402	2439428	+	3	27	ATG	TAA	0	0	
mORF_+_2439410	2439410	2439520	+	2	111	ATG	TGA	0	0	
mORF_+_2439527	2439527	2439658	+	2	132	GTG	TAA	0	0	
mORF_+_2439555	2439555	2439611	+	3	57	ATG	TAA	0	0	
mORF_+_2439666	2439666	2439716	+	3	51	ATG	TAA	0	0	
mORF_+_2439726	2439726	2441792	+	3	2067	TTG	TAA	6	24	pORF_+_2439726
mORF_+_2439826	2439826	2439930	+	1	105	ATG	TAG	0	0	
mORF_+_2439964	2439964	2439972	+	1	9	TTG	TAG	0	0	
mORF_+_2440013	2440013	2440027	+	2	15	ATG	TGA	0	0	
mORF_+_2440024	2440024	2440116	+	1	93	TTG	TAG	0	0	
mORF_+_2440151	2440151	2440219	+	2	69	GTG	TGA	0	0	
mORF_+_2440216	2440216	2440230	+	1	15	ATG	TGA	0	0	
mORF_+_2440241	2440241	2440258	+	2	18	ATG	TAA	0	0	
mORF_+_2440246	2440246	2440266	+	1	21	TTG	TGA	0	0	
mORF_+_2440303	2440303	2440515	+	1	213	ATG	TGA	0	0	
mORF_+_2440349	2440349	2440369	+	2	21	GTG	TAA	0	0	
mORF_+_2440505	2440505	2440558	+	2	54	TTG	TAA	0	0	
mORF_+_2440600	2440600	2440656	+	1	57	GTG	TAA	0	0	
mORF_+_2440664	2440664	2440675	+	2	12	TTG	TGA	0	0	
mORF_+_2440672	2440672	2440731	+	1	60	ATG	TAA	0	0	
mORF_+_2440741	2440741	2440752	+	1	12	ATG	TAA	0	0	
mORF_+_2440768	2440768	2440848	+	1	81	ATG	TAG	0	0	
mORF_+_2440829	2440829	2440858	+	2	30	GTG	TGA	0	0	
mORF_+_2440855	2440855	2440920	+	1	66	ATG	TAG	0	0	
mORF_+_2440924	2440924	2441019	+	1	96	TTG	TGA	0	0	
mORF_+_2440967	2440967	2441026	+	2	60	TTG	TAA	0	0	
mORF_+_2441026	2441026	2441118	+	1	93	ATG	TGA	0	0	
mORF_+_2441108	2441108	2441290	+	2	183	TTG	TGA	0	0	
mORF_+_2441122	2441122	2441154	+	1	33	TTG	TAG	0	0	
mORF_+_2441221	2441221	2441271	+	1	51	TTG	TGA	0	0	
mORF_+_2441287	2441287	2441412	+	1	126	ATG	TGA	0	0	
mORF_+_2441330	2441330	2441380	+	2	51	TTG	TGA	0	0	
mORF_+_2441413	2441413	2441517	+	1	105	TTG	TAG	0	0	
mORF_+_2441417	2441417	2441452	+	2	36	TTG	TGA	0	0	
mORF_+_2441486	2441486	2441536	+	2	51	TTG	TGA	0	0	
mORF_+_2441521	2441521	2441589	+	1	69	ATG	TAA	0	0	
mORF_+_2441602	2441602	2441631	+	1	30	TTG	TAG	0	0	
mORF_+_2441645	2441645	2441773	+	2	129	GTG	TAA	0	0	
mORF_+_2441662	2441662	2441688	+	1	27	GTG	TGA	0	0	
mORF_+_2441710	2441710	2441733	+	1	24	ATG	TAA	0	0	
mORF_+_2441805	2441805	2441876	+	3	72	GTG	TAA	0	0	
mORF_+_2441809	2441809	2441826	+	1	18	TTG	TGA	0	0	
mORF_+_2441816	2441816	2441857	+	2	42	ATG	TAG	0	0	
mORF_+_2441845	2441845	2441850	+	1	6	GTG	TGA	0	0	
mORF_+_2441891	2441891	2442022	+	2	132	ATG	TAA	0	0	

mORF_+_2441998	2441998	2442042	+	1	45	ATG	TGA	0	0	
mORF_+_2442030	2442030	2442083	+	3	54	ATG	TAA	0	0	
mORF_+_2442076	2442076	2442279	+	1	204	ATG	TGA	1	2	pORF_+_2442076
mORF_+_2442083	2442083	2442232	+	2	150	ATG	TGA	0	0	
mORF_+_2442090	2442090	2442158	+	3	69	GTG	TAA	0	0	
mORF_+_2442204	2442204	2442209	+	3	6	TTG	TAA	0	0	
mORF_+_2442213	2442213	2442293	+	3	81	GTG	TAG	0	0	
mORF_+_2442293	2442293	2442301	+	2	9	GTG	TAA	0	0	
mORF_+_2442301	2442301	2442342	+	1	42	ATG	TAA	0	0	
mORF_+_2442308	2442308	2442421	+	2	114	GTG	TGA	0	0	
mORF_+_2442357	2442357	2442776	+	3	420	ATG	TAG	0	0	
mORF_+_2442409	2442409	2442540	+	1	132	TTG	TAG	0	0	
mORF_+_2442602	2442602	2442694	+	2	93	TTG	TAA	0	0	
mORF_+_2442761	2442761	2442826	+	2	66	GTG	TAA	0	0	
mORF_+_2442828	2442828	2443031	+	3	204	TTG	TGA	0	0	
mORF_+_2442878	2442878	2442904	+	2	27	TTG	TGA	0	0	
mORF_+_2442901	2442901	2442942	+	1	42	GTG	TGA	0	0	
mORF_+_2443003	2443003	2443017	+	1	15	TTG	TGA	0	0	
mORF_+_2443028	2443028	2443147	+	2	120	GTG	TAA	0	0	
mORF_+_2443035	2443035	2443085	+	3	51	GTG	TAA	0	0	
mORF_+_2443198	2443198	2443329	+	1	132	TTG	TGA	0	0	
mORF_+_2443239	2443239	2443271	+	3	33	ATG	TGA	0	0	
mORF_+_2443277	2443277	2443303	+	2	27	TTG	TGA	0	0	
mORF_+_2443317	2443317	2443337	+	3	21	ATG	TGA	0	0	
mORF_+_2443356	2443356	2443373	+	3	18	TTG	TAG	0	0	
mORF_+_2443403	2443403	2443474	+	2	72	TTG	TAA	0	0	
mORF_+_2443413	2443413	2443862	+	3	450	TTG	TAA	0	0	
mORF_+_2443417	2443417	2443431	+	1	15	TTG	TAG	0	0	
mORF_+_2443456	2443456	2443470	+	1	15	ATG	TGA	0	0	
mORF_+_2443591	2443591	2443605	+	1	15	GTG	TAG	0	0	
mORF_+_2443687	2443687	2443716	+	1	30	TTG	TGA	0	0	
mORF_+_2443729	2443729	2443767	+	1	39	TTG	TAA	0	0	
mORF_+_2443774	2443774	2443980	+	1	207	ATG	TAA	0	0	
mORF_+_2443811	2443811	2444080	+	2	270	TTG	TGA	0	0	
mORF_+_2443986	2443986	2444090	+	3	105	GTG	TGA	0	0	
mORF_+_2443990	2443990	2444463	+	1	474	TTG	TAA	0	0	
mORF_+_2444087	2444087	2444197	+	2	111	TTG	TGA	0	0	
mORF_+_2444225	2444225	2444233	+	2	9	ATG	TGA	0	0	
mORF_+_2444258	2444258	2444470	+	2	213	GTG	TGA	0	0	
mORF_+_2444304	2444304	2444552	+	3	249	GTG	TGA	0	0	
mORF_+_2444467	2444467	2444478	+	1	12	GTG	TAA	0	0	
mORF_+_2444536	2444536	2444931	+	1	396	GTG	TAA	0	0	
mORF_+_2444546	2444546	2445139	+	2	594	TTG	TAA	0	0	
mORF_+_2444971	2444971	2445570	+	1	600	TTG	TAA	0	0	
mORF_+_2445167	2445167	2445172	+	2	6	GTG	TAA	0	0	
mORF_+_2445233	2445233	2445307	+	2	75	GTG	TGA	0	0	
mORF_+_2445326	2445326	2445334	+	2	9	GTG	TAG	0	0	
mORF_+_2445339	2445339	2445533	+	3	195	ATG	TAA	0	0	
mORF_+_2445395	2445395	2446054	+	2	660	ATG	TAA	0	0	
mORF_+_2445579	2445579	2445713	+	3	135	TTG	TAA	0	0	
mORF_+_2445732	2445732	2446010	+	3	279	ATG	TAA	0	0	
mORF_+_2445766	2445766	2445846	+	1	81	ATG	TAG	0	0	
mORF_+_2446020	2446020	2446151	+	3	132	ATG	TAA	0	0	
mORF_+_2446058	2446058	2446513	+	2	456	ATG	TGA	0	0	
mORF_+_2446176	2446176	2446190	+	3	15	TTG	TAA	0	0	
mORF_+_2446200	2446200	2446304	+	3	105	ATG	TAG	0	0	
mORF_+_2446372	2446372	2446383	+	1	12	TTG	TGA	0	0	
mORF_+_2446407	2446407	2446415	+	3	9	ATG	TGA	0	0	
mORF_+_2446416	2446416	2446481	+	3	66	ATG	TGA	0	0	
mORF_+_2446510	2446510	2446566	+	1	57	ATG	TAA	0	0	
mORF_+_2446547	2446547	2446627	+	2	81	GTG	TAA	0	0	
mORF_+_2446576	2446576	2446602	+	1	27	TTG	TAG	0	0	
mORF_+_2446628	2446628	2447179	+	2	552	ATG	TGA	4	14	pORF_+_2446628

mORF_+_2446716	2446716	2446760	+	3	45	TTG	TGA	0	0	
mORF_+_2446785	2446785	2446826	+	3	42	ATG	TAA	0	0	
mORF_+_2446848	2446848	2446937	+	3	90	ATG	TGA	0	0	
mORF_+_2446974	2446974	2447015	+	3	42	TTG	TGA	0	0	
mORF_+_2447002	2447002	2447121	+	1	120	TTG	TGA	0	0	
mORF_+_2447019	2447019	2447042	+	3	24	ATG	TGA	0	0	
mORF_+_2447079	2447079	2447084	+	3	6	ATG	TGA	0	0	
mORF_+_2447112	2447112	2447141	+	3	30	ATG	TGA	0	0	
mORF_+_2447142	2447142	2447246	+	3	105	TTG	TAA	0	0	
mORF_+_2447155	2447155	2447187	+	1	33	GTG	TGA	0	0	
mORF_+_2447224	2447224	2447442	+	1	219	ATG	TAA	0	0	
mORF_+_2447237	2447237	2447287	+	2	51	GTG	TAG	0	0	
mORF_+_2447294	2447294	2447356	+	2	63	TTG	TAG	0	0	
mORF_+_2447334	2447334	2447339	+	3	6	GTG	TAA	0	0	
mORF_+_2447358	2447358	2447504	+	3	147	GTG	TGA	0	0	
mORF_+_2447366	2447366	2447374	+	2	9	TTG	TGA	0	0	
mORF_+_2447423	2447423	2447545	+	2	123	GTG	TGA	0	0	
mORF_+_2447542	2447542	2447568	+	1	27	GTG	TAA	0	0	
mORF_+_2447552	2447552	2447563	+	2	12	TTG	TGA	0	0	
mORF_+_2447579	2447579	2447683	+	2	105	ATG	TAA	0	0	
mORF_+_2447595	2447595	2447774	+	3	180	TTG	TAA	0	0	
mORF_+_2447620	2447620	2447628	+	1	9	GTG	TGA	0	0	
mORF_+_2447693	2447693	2447734	+	2	42	ATG	TAA	0	0	
mORF_+_2447741	2447741	2447797	+	2	57	ATG	TGA	0	0	
mORF_+_2447791	2447791	2447805	+	1	15	TTG	TGA	0	0	
mORF_+_2447802	2447802	2447942	+	3	141	TTG	TAA	0	0	
mORF_+_2447881	2447881	2447892	+	1	12	ATG	TGA	0	0	
mORF_+_2447924	2447924	2447947	+	2	24	ATG	TAA	0	0	
mORF_+_2447974	2447974	2447979	+	1	6	TTG	TAA	0	0	
mORF_+_2448000	2448000	2448062	+	3	63	ATG	TAG	0	0	
mORF_+_2448037	2448037	2448099	+	1	63	ATG	TAA	0	0	
mORF_+_2448087	2448087	2448110	+	3	24	ATG	TAA	0	0	
mORF_+_2448164	2448164	2448268	+	2	105	TTG	TGA	0	0	
mORF_+_2448207	2448207	2448218	+	3	12	TTG	TGA	0	0	
mORF_+_2448273	2448273	2448329	+	3	57	TTG	TGA	0	0	
mORF_+_2448304	2448304	2448498	+	1	195	TTG	TAA	0	0	
mORF_+_2448326	2448326	2448427	+	2	102	GTG	TGA	0	0	
mORF_+_2448437	2448437	2448583	+	2	147	GTG	TAA	0	0	
mORF_+_2448514	2448514	2448540	+	1	27	ATG	TAA	0	0	
mORF_+_2448552	2448552	2448629	+	3	78	TTG	TAA	1	2	pORF_+_2448552
mORF_+_2448629	2448629	2448715	+	2	87	ATG	TAA	0	0	
mORF_+_2448708	2448708	2449007	+	3	300	TTG	TGA	0	0	
mORF_+_2448721	2448721	2448762	+	1	42	GTG	TGA	0	0	
mORF_+_2448809	2448809	2448823	+	2	15	TTG	TAA	0	0	
mORF_+_2448833	2448833	2448850	+	2	18	GTG	TGA	0	0	
mORF_+_2448847	2448847	2448873	+	1	27	GTG	TGA	0	0	
mORF_+_2448892	2448892	2448924	+	1	33	GTG	TAG	0	0	
mORF_+_2448902	2448902	2448934	+	2	33	ATG	TGA	0	0	
mORF_+_2448925	2448925	2449023	+	1	99	TTG	TGA	0	0	
mORF_+_2448998	2448998	2449030	+	2	33	TTG	TGA	0	0	
mORF_+_2449020	2449020	2449082	+	3	63	GTG	TAA	0	0	
mORF_+_2449027	2449027	2449050	+	1	24	GTG	TGA	0	0	
mORF_+_2449054	2449054	2449131	+	1	78	ATG	TAA	0	0	
mORF_+_2449097	2449097	2449243	+	2	147	TTG	TGA	0	0	
mORF_+_2449113	2449113	2449403	+	3	291	ATG	TAA	0	0	
mORF_+_2449159	2449159	2449200	+	1	42	TTG	TGA	0	0	
mORF_+_2449207	2449207	2449284	+	1	78	ATG	TGA	0	0	
mORF_+_2449318	2449318	2449335	+	1	18	TTG	TAA	0	0	
mORF_+_2449337	2449337	2449465	+	2	129	TTG	TGA	0	0	
mORF_+_2449366	2449366	2449461	+	1	96	TTG	TGA	0	0	
mORF_+_2449404	2449404	2449586	+	3	183	TTG	TGA	0	0	
mORF_+_2449462	2449462	2449530	+	1	69	TTG	TAG	0	0	
mORF_+_2449583	2449583	2449699	+	2	117	TTG	TAA	0	0	

mORF_+_2449677	2449677	2449694	+	3	18	GTG	TGA	0	0
mORF_+_2449742	2449742	2449828	+	2	87	GTG	TAG	0	0
mORF_+_2449836	2449836	2449847	+	3	12	TTG	TGA	0	0
mORF_+_2449844	2449844	2449861	+	2	18	TTG	TGA	0	0
mORF_+_2449854	2449854	2449874	+	3	21	ATG	TGA	0	0
mORF_+_2449871	2449871	2450020	+	2	150	GTG	TAG	0	0
mORF_+_2449885	2449885	2449989	+	1	105	GTG	TGA	0	0
mORF_+_2449926	2449926	2449946	+	3	21	TTG	TGA	0	0
mORF_+_2449986	2449986	2450015	+	3	30	TTG	TAA	0	0
mORF_+_2450024	2450024	2450176	+	2	153	ATG	TGA	0	0
mORF_+_2450094	2450094	2450141	+	3	48	TTG	TGA	0	0
mORF_+_2450107	2450107	2450130	+	1	24	TTG	TAA	0	0
mORF_+_2450173	2450173	2450226	+	1	54	TTG	TGA	0	0
mORF_+_2450223	2450223	2450243	+	3	21	TTG	TAA	0	0
mORF_+_2450228	2450228	2450392	+	2	165	TTG	TGA	0	0
mORF_+_2450412	2450412	2450441	+	3	30	GTG	TGA	0	0
mORF_+_2450416	2450416	2450445	+	1	30	GTG	TGA	0	0
mORF_+_2450426	2450426	2450506	+	2	81	TTG	TAA	0	0
mORF_+_2450442	2450442	2450618	+	3	177	ATG	TAG	0	0
mORF_+_2450497	2450497	2450517	+	1	21	ATG	TAA	0	0
mORF_+_2450558	2450558	2450707	+	2	150	ATG	TAA	0	0
mORF_+_2450686	2450686	2450739	+	1	54	GTG	TGA	0	0
mORF_+_2450729	2450729	2450779	+	2	51	TTG	TAG	0	0
mORF_+_2450739	2450739	2450759	+	3	21	ATG	TAG	0	0
mORF_+_2450763	2450763	2450849	+	3	87	ATG	TGA	0	0
mORF_+_2450786	2450786	2451037	+	2	252	TTG	TAA	0	0
mORF_+_2450803	2450803	2450832	+	1	30	TTG	TGA	0	0
mORF_+_2450850	2450850	2450858	+	3	9	TTG	TAA	0	0
mORF_+_2450862	2450862	2450906	+	3	45	TTG	TAA	0	0
mORF_+_2450968	2450968	2451015	+	1	48	GTG	TAG	0	0
mORF_+_2451022	2451022	2451084	+	1	63	TTG	TGA	0	0
mORF_+_2451054	2451054	2451074	+	3	21	GTG	TAG	0	0
mORF_+_2451059	2451059	2451811	+	2	753	TTG	TAA	0	0
mORF_+_2451135	2451135	2451167	+	3	33	GTG	TGA	0	0
mORF_+_2451234	2451234	2451245	+	3	12	TTG	TAG	0	0
mORF_+_2451258	2451258	2451323	+	3	66	TTG	TAG	0	0
mORF_+_2451357	2451357	2451377	+	3	21	ATG	TAG	0	0
mORF_+_2451387	2451387	2451398	+	3	12	ATG	TAG	0	0
mORF_+_2451400	2451400	2451444	+	1	45	TTG	TGA	0	0
mORF_+_2451441	2451441	2451449	+	3	9	TTG	TAA	0	0
mORF_+_2451486	2451486	2451638	+	3	153	GTG	TAA	0	0
mORF_+_2451672	2451672	2451680	+	3	9	TTG	TAA	0	0
mORF_+_2451684	2451684	2451713	+	3	30	GTG	TGA	0	0
mORF_+_2451828	2451828	2451914	+	3	87	ATG	TAG	0	0
mORF_+_2451872	2451872	2452267	+	2	396	ATG	TAA	0	0
mORF_+_2451933	2451933	2452040	+	3	108	GTG	TGA	0	0
mORF_+_2451940	2451940	2451960	+	1	21	ATG	TGA	0	0
mORF_+_2452108	2452108	2452188	+	1	81	TTG	TGA	0	0
mORF_+_2452113	2452113	2452148	+	3	36	GTG	TAG	0	0
mORF_+_2452158	2452158	2452175	+	3	18	TTG	TGA	0	0
mORF_+_2452182	2452182	2452205	+	3	24	GTG	TAA	0	0
mORF_+_2452230	2452230	2452238	+	3	9	TTG	TAA	0	0
mORF_+_2452257	2452257	2452292	+	3	36	TTG	TAA	0	0
mORF_+_2452267	2452267	2452416	+	1	150	ATG	TAA	0	0
mORF_+_2452316	2452316	2452585	+	2	270	TTG	TAG	0	0
mORF_+_2452320	2452320	2452370	+	3	51	GTG	TGA	0	0
mORF_+_2452374	2452374	2452499	+	3	126	TTG	TAG	0	0
mORF_+_2452477	2452477	2452491	+	1	15	GTG	TGA	0	0
mORF_+_2452506	2452506	2452574	+	3	69	ATG	TAA	0	0
mORF_+_2452540	2452540	2452593	+	1	54	GTG	TGA	0	0
mORF_+_2452590	2452590	2452643	+	3	54	ATG	TGA	0	0
mORF_+_2452597	2452597	2452623	+	1	27	ATG	TAA	0	0
mORF_+_2452640	2452640	2452705	+	2	66	TTG	TAA	0	0

mORF_+_2452729	2452729	2452755	+	1	27	GTG	TAA	0	0	
mORF_+_2452749	2452749	2452781	+	3	33	TTG	TAA	0	0	
mORF_+_2452801	2452801	2453070	+	1	270	ATG	TAA	0	0	
mORF_+_2452817	2452817	2452828	+	2	12	TTG	TAA	0	0	
mORF_+_2452830	2452830	2452925	+	3	96	TTG	TGA	0	0	
mORF_+_2452926	2452926	2452955	+	3	30	ATG	TAA	0	0	
mORF_+_2452977	2452977	2453081	+	3	105	ATG	TAG	0	0	
mORF_+_2453012	2453012	2453548	+	2	537	ATG	TGA	1	2	pORF_+_2453012
mORF_+_2453092	2453092	2453118	+	1	27	ATG	TAA	0	0	
mORF_+_2453100	2453100	2453114	+	3	15	ATG	TAA	0	0	
mORF_+_2453127	2453127	2453273	+	3	147	GTG	TAA	0	0	
mORF_+_2453134	2453134	2453190	+	1	57	TTG	TAA	0	0	
mORF_+_2453310	2453310	2453351	+	3	42	TTG	TAA	0	0	
mORF_+_2453317	2453317	2453340	+	1	24	ATG	TGA	0	0	
mORF_+_2453355	2453355	2453411	+	3	57	TTG	TGA	0	0	
mORF_+_2453365	2453365	2453388	+	1	24	TTG	TAA	0	0	
mORF_+_2453401	2453401	2453538	+	1	138	TTG	TAG	0	0	
mORF_+_2453457	2453457	2453522	+	3	66	GTG	TGA	0	0	
mORF_+_2453556	2453556	2453567	+	3	12	ATG	TAA	0	0	
mORF_+_2453572	2453572	2453610	+	1	39	GTG	TAG	0	0	
mORF_+_2453583	2453583	2453681	+	3	99	TTG	TAA	0	0	
mORF_+_2453632	2453632	2453646	+	1	15	TTG	TAG	0	0	
mORF_+_2453672	2453672	2453692	+	2	21	TTG	TAA	0	0	
mORF_+_2453707	2453707	2453820	+	1	114	TTG	TAG	0	0	
mORF_+_2453717	2453717	2453866	+	2	150	TTG	TAA	0	0	
mORF_+_2453736	2453736	2453756	+	3	21	ATG	TGA	0	0	
mORF_+_2453793	2453793	2453840	+	3	48	ATG	TGA	0	0	
mORF_+_2453859	2453859	2453882	+	3	24	ATG	TAA	0	0	
mORF_+_2453867	2453867	2453872	+	2	6	ATG	TAG	0	0	
mORF_+_2453887	2453887	2453910	+	1	24	TTG	TAA	0	0	
mORF_+_2453968	2453968	2454000	+	1	33	ATG	TGA	0	0	
mORF_+_2453972	2453972	2453986	+	2	15	ATG	TAA	0	0	
mORF_+_2453997	2453997	2454008	+	3	12	ATG	TAA	0	0	
mORF_+_2454008	2454008	2454049	+	2	42	ATG	TAA	0	0	
mORF_+_2454031	2454031	2454042	+	1	12	TTG	TAA	0	0	
mORF_+_2454134	2454134	2454223	+	2	90	ATG	TGA	0	0	
mORF_+_2454144	2454144	2454230	+	3	87	GTG	TAA	0	0	
mORF_+_2454172	2454172	2454177	+	1	6	ATG	TAA	0	0	
mORF_+_2454220	2454220	2454267	+	1	48	ATG	TAG	0	0	
mORF_+_2454233	2454233	2454247	+	2	15	GTG	TAG	0	0	
mORF_+_2454248	2454248	2454337	+	2	90	ATG	TAA	0	0	
mORF_+_2454270	2454270	2454317	+	2	48	GTG	TGA	0	0	
mORF_+_2454307	2454307	2454480	+	1	174	ATG	TAA	0	0	
mORF_+_2454339	2454339	2454356	+	3	18	TTG	TAG	0	0	
mORF_+_2454360	2454360	2454398	+	3	39	TTG	TGA	0	0	
mORF_+_2454395	2454395	2454514	+	2	120	TTG	TGA	0	0	
mORF_+_2454399	2454399	2454452	+	3	54	ATG	TAA	0	0	
mORF_+_2454511	2454511	2454600	+	1	90	GTG	TAA	0	0	
mORF_+_2454545	2454545	2454565	+	2	21	TTG	TAG	0	0	
mORF_+_2454657	2454657	2454761	+	3	105	GTG	TAG	0	0	
mORF_+_2454661	2454661	2454963	+	1	303	TTG	TAA	0	0	
mORF_+_2454761	2454761	2454814	+	2	54	GTG	TGA	0	0	
mORF_+_2454818	2454818	2454853	+	2	36	ATG	TAA	0	0	
mORF_+_2454900	2454900	2454935	+	3	36	GTG	TGA	0	0	
mORF_+_2454932	2454932	2454991	+	2	60	ATG	TGA	0	0	
mORF_+_2454975	2454975	2455025	+	3	51	ATG	TAG	0	0	
mORF_+_2454988	2454988	2455116	+	1	129	TTG	TAA	0	0	
mORF_+_2455028	2455028	2455480	+	2	453	TTG	TGA	0	0	
mORF_+_2455134	2455134	2455190	+	3	57	GTG	TAG	0	0	
mORF_+_2455153	2455153	2455269	+	1	117	TTG	TAA	0	0	
mORF_+_2455224	2455224	2455379	+	3	156	ATG	TAA	0	0	
mORF_+_2455336	2455336	2455506	+	1	171	GTG	TAA	0	0	
mORF_+_2455380	2455380	2455421	+	3	42	ATG	TGA	0	0	

mORF_+_2455458	2455458	2455520	+	3	63	TTG	TAA	0	0	
mORF_+_2455554	2455554	2455679	+	3	126	GTG	TAA	0	0	
mORF_+_2455580	2455580	2455615	+	2	36	TTG	TAG	0	0	
mORF_+_2455585	2455585	2455665	+	1	81	TTG	TAG	0	0	
mORF_+_2455628	2455628	2455687	+	2	60	GTG	TAA	0	0	
mORF_+_2455689	2455689	2455703	+	3	15	ATG	TAA	0	0	
mORF_+_2455713	2455713	2455799	+	3	87	TTG	TGA	0	0	
mORF_+_2455729	2455729	2455770	+	1	42	TTG	TAG	0	0	
mORF_+_2455778	2455778	2455903	+	2	126	TTG	TAA	0	0	
mORF_+_2455786	2455786	2455806	+	1	21	ATG	TAA	0	0	
mORF_+_2455872	2455872	2455880	+	3	9	GTG	TGA	0	0	
mORF_+_2455906	2455906	2456007	+	1	102	ATG	TAA	0	0	
mORF_+_2455926	2455926	2455934	+	3	9	ATG	TGA	0	0	
mORF_+_2455931	2455931	2456056	+	2	126	ATG	TAA	0	0	
mORF_+_2456056	2456056	2456088	+	1	33	ATG	TGA	0	0	
mORF_+_2456067	2456067	2456093	+	3	27	TTG	TGA	0	0	
mORF_+_2456090	2456090	2456242	+	2	153	ATG	TAA	0	0	
mORF_+_2456106	2456106	2456120	+	3	15	TTG	TGA	0	0	
mORF_+_2456148	2456148	2456210	+	3	63	ATG	TAA	0	0	
mORF_+_2456260	2456260	2456496	+	1	237	ATG	TGA	0	0	
mORF_+_2456339	2456339	2456410	+	2	72	TTG	TAA	0	0	
mORF_+_2456397	2456397	2456453	+	3	57	GTG	TAA	0	0	
mORF_+_2456454	2456454	2456462	+	3	9	TTG	TGA	0	0	
mORF_+_2456459	2456459	2456515	+	2	57	TTG	TAA	0	0	
mORF_+_2456466	2456466	2456858	+	3	393	TTG	TGA	0	0	
mORF_+_2456560	2456560	2456676	+	1	117	ATG	TGA	0	0	
mORF_+_2456609	2456609	2456644	+	2	36	GTG	TAA	0	0	
mORF_+_2456663	2456663	2456689	+	2	27	TTG	TAA	0	0	
mORF_+_2456689	2456689	2456700	+	1	12	ATG	TGA	0	0	
mORF_+_2456756	2456756	2457169	+	2	414	TTG	TGA	1	3	pORF_+_2456756
mORF_+_2456877	2456877	2456891	+	3	15	ATG	TGA	0	0	
mORF_+_2456949	2456949	2457236	+	3	288	TTG	TAA	0	0	
mORF_+_2457169	2457169	2457240	+	1	72	ATG	TAA	0	0	
mORF_+_2457271	2457271	2457528	+	1	258	ATG	TGA	0	0	
mORF_+_2457276	2457276	2457287	+	3	12	ATG	TAA	0	0	
mORF_+_2457353	2457353	2457430	+	2	78	TTG	TGA	0	0	
mORF_+_2457381	2457381	2457575	+	3	195	GTG	TAA	0	0	
mORF_+_2457548	2457548	2457583	+	2	36	ATG	TAG	0	0	
mORF_+_2457576	2457576	2457803	+	3	228	ATG	TAA	0	0	
mORF_+_2457700	2457700	2457840	+	1	141	GTG	TGA	0	0	
mORF_+_2457704	2457704	2457736	+	2	33	TTG	TAA	0	0	
mORF_+_2457764	2457764	2457793	+	2	30	TTG	TAA	0	0	
mORF_+_2457824	2457824	2457850	+	2	27	TTG	TGA	0	0	
mORF_+_2457843	2457843	2457902	+	3	60	ATG	TGA	0	0	
mORF_+_2457862	2457862	2457879	+	1	18	ATG	TAA	0	0	
mORF_+_2457886	2457886	2457990	+	1	105	TTG	TAA	0	0	
mORF_+_2457899	2457899	2457910	+	2	12	GTG	TAG	0	0	
mORF_+_2457932	2457932	2458216	+	2	285	GTG	TAA	0	0	
mORF_+_2457975	2457975	2458052	+	3	78	GTG	TGA	0	0	
mORF_+_2458092	2458092	2458142	+	3	51	TTG	TAG	0	0	
mORF_+_2458170	2458170	2458193	+	3	24	TTG	TAG	0	0	
mORF_+_2458225	2458225	2458374	+	1	150	ATG	TAA	0	0	
mORF_+_2458265	2458265	2458297	+	2	33	ATG	TGA	0	0	
mORF_+_2458341	2458341	2458439	+	3	99	GTG	TAA	0	0	
mORF_+_2458388	2458388	2458396	+	2	9	ATG	TGA	0	0	
mORF_+_2458393	2458393	2458431	+	1	39	ATG	TAA	0	0	
mORF_+_2458442	2458442	2458486	+	2	45	ATG	TGA	0	0	
mORF_+_2458520	2458520	2458528	+	2	9	GTG	TGA	0	0	
mORF_+_2458568	2458568	2458675	+	2	108	GTG	TAA	0	0	
mORF_+_2458584	2458584	2458646	+	3	63	GTG	TGA	0	0	
mORF_+_2458721	2458721	2458870	+	2	150	GTG	TAA	0	0	
mORF_+_2458831	2458831	2458962	+	1	132	TTG	TGA	0	0	
mORF_+_2458851	2458851	2458898	+	3	48	TTG	TAA	0	0	

mORF_+_2458877	2458877	2458996	+	2	120	GTG	TAA	0	0	
mORF_+_2458959	2458959	2459066	+	3	108	TTG	TGA	0	0	
mORF_+_2458975	2458975	2459082	+	1	108	GTG	TAA	0	0	
mORF_+_2459000	2459000	2459044	+	2	45	TTG	TAA	0	0	
mORF_+_2459063	2459063	2459236	+	2	174	GTG	TGA	0	0	
mORF_+_2459085	2459085	2459093	+	3	9	ATG	TAA	0	0	
mORF_+_2459118	2459118	2459171	+	3	54	GTG	TGA	0	0	
mORF_+_2459190	2459190	2459243	+	3	54	TTG	TAA	0	0	
mORF_+_2459245	2459245	2459289	+	1	45	ATG	TAA	0	0	
mORF_+_2459296	2459296	2459331	+	1	36	TTG	TGA	0	0	
mORF_+_2459322	2459322	2460668	+	3	1347	ATG	TGA	13	85	pORF_+_2459322
mORF_+_2459470	2459470	2459511	+	1	42	TTG	TGA	0	0	
mORF_+_2459521	2459521	2459571	+	1	51	TTG	TAA	0	0	
mORF_+_2459633	2459633	2459668	+	2	36	ATG	TAA	0	0	
mORF_+_2459653	2459653	2459781	+	1	129	TTG	TGA	0	0	
mORF_+_2459681	2459681	2459704	+	2	24	TTG	TAA	0	0	
mORF_+_2459797	2459797	2459811	+	1	15	GTG	TAA	0	0	
mORF_+_2459815	2459815	2460003	+	1	189	ATG	TGA	0	0	
mORF_+_2459819	2459819	2459869	+	2	51	ATG	TGA	0	0	
mORF_+_2460014	2460014	2460049	+	2	36	GTG	TGA	0	0	
mORF_+_2460022	2460022	2460078	+	1	57	TTG	TGA	0	0	
mORF_+_2460100	2460100	2460204	+	1	105	TTG	TGA	0	0	
mORF_+_2460224	2460224	2460244	+	2	21	GTG	TAA	0	0	
mORF_+_2460247	2460247	2460315	+	1	69	GTG	TGA	0	0	
mORF_+_2460260	2460260	2460277	+	2	18	GTG	TAG	0	0	
mORF_+_2460331	2460331	2460510	+	1	180	GTG	TGA	0	0	
mORF_+_2460511	2460511	2460588	+	1	78	GTG	TGA	0	0	
mORF_+_2460706	2460706	2460738	+	1	33	GTG	TAG	0	0	
mORF_+_2460738	2460738	2460761	+	3	24	GTG	TGA	0	0	
mORF_+_2460765	2460765	2460806	+	3	42	TTG	TAA	0	0	
mORF_+_2460779	2460779	2460829	+	2	51	TTG	TGA	0	0	
mORF_+_2460787	2460787	2460942	+	1	156	TTG	TAA	0	0	
mORF_+_2460918	2460918	2460959	+	3	42	TTG	TAA	0	0	
mORF_+_2460920	2460920	2460955	+	2	36	GTG	TAA	0	0	
mORF_+_2460960	2460960	2460974	+	3	15	ATG	TGA	0	0	
mORF_+_2460971	2460971	2460994	+	2	24	TTG	TAA	0	0	
mORF_+_2461002	2461002	2461007	+	3	6	TTG	TAA	0	0	
mORF_+_2461021	2461021	2461029	+	1	9	ATG	TAA	0	0	
mORF_+_2461034	2461034	2462092	+	2	1059	ATG	TAA	1	2	pORF_+_2461034
mORF_+_2461089	2461089	2461121	+	3	33	ATG	TAG	0	0	
mORF_+_2461146	2461146	2461163	+	3	18	ATG	TAA	0	0	
mORF_+_2461185	2461185	2461196	+	3	12	TTG	TAA	0	0	
mORF_+_2461263	2461263	2461325	+	3	63	TTG	TAG	0	0	
mORF_+_2461374	2461374	2461385	+	3	12	ATG	TAG	0	0	
mORF_+_2461386	2461386	2461421	+	3	36	TTG	TGA	0	0	
mORF_+_2461446	2461446	2461505	+	3	60	ATG	TAA	0	0	
mORF_+_2461512	2461512	2461595	+	3	84	TTG	TAA	0	0	
mORF_+_2461614	2461614	2461799	+	3	186	ATG	TAA	0	0	
mORF_+_2461702	2461702	2461707	+	1	6	TTG	TAG	0	0	
mORF_+_2461732	2461732	2461740	+	1	9	GTG	TGA	0	0	
mORF_+_2461851	2461851	2461865	+	3	15	ATG	TAA	0	0	
mORF_+_2461869	2461869	2461913	+	3	45	ATG	TAA	0	0	
mORF_+_2461900	2461900	2461941	+	1	42	ATG	TAA	0	0	
mORF_+_2461953	2461953	2462114	+	3	162	TTG	TGA	0	0	
mORF_+_2462111	2462111	2462149	+	2	39	TTG	TGA	0	0	
mORF_+_2462146	2462146	2462172	+	1	27	GTG	TAA	0	0	
mORF_+_2462187	2462187	2462228	+	3	42	TTG	TAA	0	0	
mORF_+_2462209	2462209	2462217	+	1	9	TTG	TAA	0	0	
mORF_+_2462218	2462218	2462307	+	1	90	TTG	TGA	0	0	
mORF_+_2462240	2462240	2462341	+	2	102	GTG	TGA	0	0	
mORF_+_2462247	2462247	2462297	+	3	51	TTG	TAA	0	0	
mORF_+_2462313	2462313	2462582	+	3	270	TTG	TAA	0	0	
mORF_+_2462338	2462338	2462370	+	1	33	TTG	TGA	0	0	

mORF_+_2462560	2462560	2462574	+	1	15	GTG	TAG	0	0	
mORF_+_2462613	2462613	2462891	+	3	279	ATG	TAA	0	0	
mORF_+_2462707	2462707	2462748	+	1	42	ATG	TGA	0	0	
mORF_+_2462800	2462800	2462847	+	1	48	TTG	TAA	0	0	
mORF_+_2462896	2462896	2462958	+	1	63	TTG	TGA	0	0	
mORF_+_2462952	2462952	2463104	+	3	153	TTG	TAG	0	0	
mORF_+_2463032	2463032	2463076	+	2	45	ATG	TGA	0	0	
mORF_+_2463064	2463064	2463120	+	1	57	TTG	TAA	0	0	
mORF_+_2463105	2463105	2463164	+	3	60	GTG	TGA	0	0	
mORF_+_2463107	2463107	2463151	+	2	45	GTG	TGA	0	0	
mORF_+_2463161	2463161	2463178	+	2	18	TTG	TAA	0	0	
mORF_+_2463198	2463198	2463209	+	3	12	TTG	TAG	0	0	
mORF_+_2463265	2463265	2463306	+	1	42	TTG	TAA	0	0	
mORF_+_2463300	2463300	2463401	+	3	102	GTG	TAG	0	0	
mORF_+_2463323	2463323	2464255	+	2	933	ATG	TAA	1	2	pORF_+_2463323
mORF_+_2463408	2463408	2463677	+	3	270	ATG	TGA	0	0	
mORF_+_2463502	2463502	2463762	+	1	261	GTG	TAA	0	0	
mORF_+_2463780	2463780	2463860	+	3	81	TTG	TGA	0	0	
mORF_+_2463787	2463787	2463798	+	1	12	GTG	TGA	0	0	
mORF_+_2463885	2463885	2463914	+	3	30	TTG	TGA	0	0	
mORF_+_2463928	2463928	2464002	+	1	75	TTG	TGA	0	0	
mORF_+_2463948	2463948	2463968	+	3	21	GTG	TGA	0	0	
mORF_+_2463990	2463990	2464106	+	3	117	TTG	TAG	0	0	
mORF_+_2464152	2464152	2464175	+	3	24	ATG	TGA	0	0	
mORF_+_2464215	2464215	2464340	+	3	126	GTG	TAG	0	0	
mORF_+_2464256	2464256	2464270	+	2	15	ATG	TAA	0	0	
mORF_+_2464321	2464321	2464344	+	1	24	ATG	TAA	0	0	
mORF_+_2464345	2464345	2464368	+	1	24	ATG	TAA	0	0	
mORF_+_2464376	2464376	2464450	+	2	75	TTG	TGA	0	0	
mORF_+_2464483	2464483	2464527	+	1	45	ATG	TAA	0	0	
mORF_+_2464517	2464517	2464543	+	2	27	ATG	TAA	0	0	
mORF_+_2464531	2464531	2465724	+	1	1194	GTG	TGA	1	2	pORF_+_2464531
mORF_+_2464586	2464586	2464717	+	2	132	TTG	TGA	0	0	
mORF_+_2464674	2464674	2464697	+	3	24	ATG	TGA	0	0	
mORF_+_2464767	2464767	2464832	+	3	66	ATG	TAA	0	0	
mORF_+_2464793	2464793	2464810	+	2	18	TTG	TAA	0	0	
mORF_+_2464847	2464847	2464897	+	2	51	GTG	TAG	0	0	
mORF_+_2464863	2464863	2464910	+	3	48	ATG	TGA	0	0	
mORF_+_2464901	2464901	2464999	+	2	99	ATG	TAA	0	0	
mORF_+_2465009	2465009	2465134	+	2	126	TTG	TGA	0	0	
mORF_+_2465055	2465055	2465099	+	3	45	ATG	TAA	0	0	
mORF_+_2465234	2465234	2465266	+	2	33	TTG	TAA	0	0	
mORF_+_2465292	2465292	2465312	+	3	21	ATG	TGA	0	0	
mORF_+_2465309	2465309	2465344	+	2	36	TTG	TGA	0	0	
mORF_+_2465363	2465363	2465389	+	2	27	ATG	TAG	0	0	
mORF_+_2465390	2465390	2465410	+	2	21	TTG	TAA	0	0	
mORF_+_2465438	2465438	2465500	+	2	63	TTG	TGA	0	0	
mORF_+_2465516	2465516	2465569	+	2	54	ATG	TGA	0	0	
mORF_+_2465580	2465580	2465591	+	3	12	ATG	TGA	0	0	
mORF_+_2465597	2465597	2465683	+	2	87	TTG	TGA	0	0	
mORF_+_2465688	2465688	2465708	+	3	21	ATG	TGA	0	0	
mORF_+_2465705	2465705	2465734	+	2	30	TTG	TAA	0	0	
mORF_+_2465721	2465721	2465789	+	3	69	GTG	TAA	0	0	
mORF_+_2465758	2465758	2465868	+	1	111	TTG	TGA	0	0	
mORF_+_2465768	2465768	2465839	+	2	72	GTG	TGA	0	0	
mORF_+_2465793	2465793	2465828	+	3	36	TTG	TAA	0	0	
mORF_+_2465832	2465832	2465864	+	3	33	TTG	TAG	0	0	
mORF_+_2465877	2465877	2466239	+	3	363	ATG	TGA	0	0	
mORF_+_2465890	2465890	2465919	+	1	30	TTG	TGA	0	0	
mORF_+_2465944	2465944	2466015	+	1	72	TTG	TGA	0	0	
mORF_+_2465951	2465951	2466022	+	2	72	TTG	TAG	0	0	
mORF_+_2466034	2466034	2466108	+	1	75	ATG	TGA	0	0	
mORF_+_2466109	2466109	2466156	+	1	48	GTG	TGA	0	0	

mORF_+_2466122	2466122	2466133	+	2	12	ATG	TGA	0	0	
mORF_+_2466137	2466137	2466226	+	2	90	ATG	TAG	0	0	
mORF_+_2466163	2466163	2466270	+	1	108	TTG	TGA	0	0	
mORF_+_2466236	2466236	2467156	+	2	921	ATG	TGA	7	37	pORF_+_2466236
mORF_+_2466249	2466249	2466254	+	3	6	TTG	TAG	0	0	
mORF_+_2466267	2466267	2466323	+	3	57	ATG	TGA	0	0	
mORF_+_2466330	2466330	2466353	+	3	24	ATG	TAA	0	0	
mORF_+_2466354	2466354	2466416	+	3	63	ATG	TAG	0	0	
mORF_+_2466417	2466417	2466476	+	3	60	TTG	TAG	0	0	
mORF_+_2466480	2466480	2466500	+	3	21	ATG	TAA	0	0	
mORF_+_2466507	2466507	2466623	+	3	117	TTG	TGA	0	0	
mORF_+_2466559	2466559	2466576	+	1	18	ATG	TGA	0	0	
mORF_+_2466640	2466640	2466651	+	1	12	GTG	TAA	0	0	
mORF_+_2466681	2466681	2466710	+	3	30	TTG	TGA	0	0	
mORF_+_2466717	2466717	2466767	+	3	51	GTG	TGA	0	0	
mORF_+_2466804	2466804	2466875	+	3	72	TTG	TAG	0	0	
mORF_+_2466856	2466856	2466882	+	1	27	ATG	TGA	0	0	
mORF_+_2466879	2466879	2466932	+	3	54	TTG	TAG	0	0	
mORF_+_2466948	2466948	2466953	+	3	6	GTG	TAG	0	0	
mORF_+_2466963	2466963	2466977	+	3	15	ATG	TGA	0	0	
mORF_+_2466970	2466970	2467011	+	1	42	GTG	TAG	0	0	
mORF_+_2466996	2466996	2467049	+	3	54	TTG	TAG	0	0	
mORF_+_2467050	2467050	2467064	+	3	15	GTG	TGA	0	0	
mORF_+_2467065	2467065	2467073	+	3	9	TTG	TAG	0	0	
mORF_+_2467083	2467083	2467160	+	3	78	GTG	TAA	0	0	
mORF_+_2467153	2467153	2468484	+	1	1332	ATG	TAA	3	17	pORF_+_2467153
mORF_+_2467190	2467190	2467198	+	2	9	TTG	TGA	0	0	
mORF_+_2467203	2467203	2467217	+	3	15	TTG	TAA	0	0	
mORF_+_2467271	2467271	2467321	+	2	51	TTG	TGA	0	0	
mORF_+_2467331	2467331	2467360	+	2	30	TTG	TAA	0	0	
mORF_+_2467421	2467421	2467450	+	2	30	TTG	TAA	0	0	
mORF_+_2467475	2467475	2467498	+	2	24	ATG	TAA	0	0	
mORF_+_2467511	2467511	2467516	+	2	6	ATG	TAA	0	0	
mORF_+_2467551	2467551	2467655	+	3	105	GTG	TAA	0	0	
mORF_+_2467577	2467577	2467603	+	2	27	TTG	TAG	0	0	
mORF_+_2467754	2467754	2467771	+	2	18	TTG	TAA	0	0	
mORF_+_2467788	2467788	2467847	+	3	60	ATG	TGA	0	0	
mORF_+_2467805	2467805	2467852	+	2	48	TTG	TAA	0	0	
mORF_+_2467862	2467862	2467894	+	2	33	ATG	TGA	0	0	
mORF_+_2467922	2467922	2467948	+	2	27	ATG	TAG	0	0	
mORF_+_2467935	2467935	2467961	+	3	27	GTG	TAA	0	0	
mORF_+_2467949	2467949	2468110	+	2	162	ATG	TGA	0	0	
mORF_+_2468010	2468010	2468027	+	3	18	ATG	TAA	0	0	
mORF_+_2468138	2468138	2468161	+	2	24	ATG	TAA	0	0	
mORF_+_2468165	2468165	2468185	+	2	21	ATG	TAA	0	0	
mORF_+_2468255	2468255	2468287	+	2	33	TTG	TAA	0	0	
mORF_+_2468300	2468300	2468305	+	2	6	TTG	TAG	0	0	
mORF_+_2468315	2468315	2468368	+	2	54	TTG	TAA	0	0	
mORF_+_2468381	2468381	2468419	+	2	39	TTG	TAA	0	0	
mORF_+_2468406	2468406	2468441	+	3	36	TTG	TAA	0	0	
mORF_+_2468471	2468471	2468476	+	2	6	ATG	TAA	0	0	
mORF_+_2468492	2468492	2468524	+	2	33	TTG	TAA	0	0	
mORF_+_2468505	2468505	2468732	+	3	228	ATG	TGA	0	0	
mORF_+_2468575	2468575	2468586	+	1	12	TTG	TGA	0	0	
mORF_+_2468594	2468594	2468602	+	2	9	ATG	TGA	0	0	
mORF_+_2468614	2468614	2468619	+	1	6	TTG	TAA	0	0	
mORF_+_2468650	2468650	2468694	+	1	45	ATG	TGA	0	0	
mORF_+_2468745	2468745	2468771	+	3	27	GTG	TAA	0	0	
mORF_+_2468783	2468783	2469127	+	2	345	TTG	TAG	0	0	
mORF_+_2468817	2468817	2468852	+	3	36	ATG	TAA	0	0	
mORF_+_2468821	2468821	2468865	+	1	45	TTG	TAA	0	0	
mORF_+_2468866	2468866	2468877	+	1	12	ATG	TGA	0	0	
mORF_+_2468871	2468871	2468888	+	3	18	ATG	TGA	0	0	

mORF_+_2468881	2468881	2468910	+	1	30	ATG	TAG	0	0	
mORF_+_2468922	2468922	2468951	+	3	30	ATG	TGA	0	0	
mORF_+_2468952	2468952	2468981	+	3	30	TTG	TGA	0	0	
mORF_+_2469057	2469057	2469068	+	3	12	TTG	TGA	0	0	
mORF_+_2469096	2469096	2469407	+	3	312	ATG	TAA	0	0	
mORF_+_2469170	2469170	2469235	+	2	66	GTG	TAG	0	0	
mORF_+_2469274	2469274	2469282	+	1	9	TTG	TGA	0	0	
mORF_+_2469332	2469332	2469517	+	2	186	GTG	TAG	0	0	
mORF_+_2469429	2469429	2469464	+	3	36	TTG	TGA	0	0	
mORF_+_2469471	2469471	2469569	+	3	99	TTG	TAA	0	0	
mORF_+_2469475	2469475	2469480	+	1	6	GTG	TAA	0	0	
mORF_+_2469529	2469529	2469534	+	1	6	ATG	TAA	0	0	
mORF_+_2469577	2469577	2469624	+	1	48	ATG	TAA	0	0	
mORF_+_2469673	2469673	2469798	+	1	126	TTG	TAA	0	0	
mORF_+_2469687	2469687	2469692	+	3	6	GTG	TAA	0	0	
mORF_+_2469753	2469753	2469761	+	3	9	GTG	TGA	0	0	
mORF_+_2469791	2469791	2469802	+	2	12	TTG	TAA	0	0	
mORF_+_2469808	2469808	2469849	+	1	42	ATG	TAA	0	0	
mORF_+_2469818	2469818	2469835	+	2	18	TTG	TGA	0	0	
mORF_+_2469935	2469935	2469985	+	2	51	TTG	TAA	0	0	
mORF_+_2469942	2469942	2470094	+	3	153	GTG	TAG	0	0	
mORF_+_2470019	2470019	2470174	+	2	156	ATG	TAA	0	0	
mORF_+_2470110	2470110	2470193	+	3	84	GTG	TGA	0	0	
mORF_+_2470200	2470200	2470412	+	3	213	ATG	TAA	0	0	
mORF_+_2470213	2470213	2470230	+	1	18	TTG	TAA	0	0	
mORF_+_2470243	2470243	2470335	+	1	93	TTG	TGA	0	0	
mORF_+_2470366	2470366	2470638	+	1	273	TTG	TAG	0	0	
mORF_+_2470506	2470506	2470649	+	3	144	TTG	TAG	0	0	
mORF_+_2470526	2470526	2470576	+	2	51	GTG	TAA	0	0	
mORF_+_2470653	2470653	2470754	+	3	102	TTG	TGA	0	0	
mORF_+_2470682	2470682	2470777	+	2	96	TTG	TAA	0	0	
mORF_+_2470684	2470684	2470869	+	1	186	GTG	TGA	0	0	
mORF_+_2470779	2470779	2470814	+	3	36	TTG	TAA	0	0	
mORF_+_2470833	2470833	2470877	+	3	45	ATG	TGA	0	0	
mORF_+_2470856	2470856	2470933	+	2	78	ATG	TAG	0	0	
mORF_+_2470896	2470896	2470910	+	3	15	ATG	TGA	0	0	
mORF_+_2470940	2470940	2470948	+	2	9	TTG	TAA	0	0	
mORF_+_2470955	2470955	2471119	+	2	165	TTG	TGA	0	0	
mORF_+_2471110	2471110	2471334	+	1	225	TTG	TAA	0	0	
mORF_+_2471157	2471157	2471237	+	3	81	TTG	TGA	0	0	
mORF_+_2471183	2471183	2471452	+	2	270	TTG	TGA	0	0	
mORF_+_2471256	2471256	2471300	+	3	45	GTG	TAG	0	0	
mORF_+_2471365	2471365	2471400	+	1	36	TTG	TGA	0	0	
mORF_+_2471407	2471407	2471415	+	1	9	ATG	TGA	0	0	
mORF_+_2471412	2471412	2471579	+	3	168	TTG	TAA	0	0	
mORF_+_2471449	2471449	2471493	+	1	45	GTG	TGA	0	0	
mORF_+_2471465	2471465	2471545	+	2	81	TTG	TGA	0	0	
mORF_+_2471542	2471542	2471988	+	1	447	TTG	TAA	0	0	
mORF_+_2471600	2471600	2471611	+	2	12	TTG	TGA	0	0	
mORF_+_2471648	2471648	2471734	+	2	87	ATG	TGA	0	0	
mORF_+_2471786	2471786	2471803	+	2	18	TTG	TGA	0	0	
mORF_+_2471825	2471825	2471908	+	2	84	ATG	TGA	0	0	
mORF_+_2471945	2471945	2472004	+	2	60	TTG	TAA	0	0	
mORF_+_2472041	2472041	2472085	+	2	45	GTG	TAA	0	0	
mORF_+_2472054	2472054	2472878	+	3	825	ATG	TGA	1	8	pORF_+_2472054
mORF_+_2472094	2472094	2472204	+	1	111	ATG	TAA	0	0	
mORF_+_2472220	2472220	2472393	+	1	174	GTG	TGA	0	0	
mORF_+_2472464	2472464	2472472	+	2	9	ATG	TGA	0	0	
mORF_+_2472469	2472469	2472621	+	1	153	TTG	TGA	1	19	pORF_+_2472469
mORF_+_2472667	2472667	2472699	+	1	33	TTG	TGA	0	0	
mORF_+_2472677	2472677	2472691	+	2	15	ATG	TGA	0	0	
mORF_+_2472811	2472811	2472849	+	1	39	GTG	TAG	0	0	
mORF_+_2472859	2472859	2472924	+	1	66	TTG	TAA	0	0	

mORF_+_2472893	2472893	2472928	+	2	36	ATG	TAA	0	0
mORF_+_2472944	2472944	2473057	+	2	114	ATG	TAA	0	0
mORF_+_2472979	2472979	2473542	+	1	564	GTG	TGA	0	0
mORF_+_2473115	2473115	2473207	+	2	93	TTG	TAA	0	0
mORF_+_2473164	2473164	2473199	+	3	36	TTG	TGA	0	0
mORF_+_2473211	2473211	2473255	+	2	45	ATG	TGA	0	0
mORF_+_2473230	2473230	2473271	+	3	42	TTG	TGA	0	0
mORF_+_2473298	2473298	2473306	+	2	9	ATG	TAA	0	0
mORF_+_2473310	2473310	2473339	+	2	30	GTG	TGA	0	0
mORF_+_2473355	2473355	2473462	+	2	108	ATG	TGA	0	0
mORF_+_2473481	2473481	2473618	+	2	138	ATG	TGA	0	0
mORF_+_2473533	2473533	2473895	+	3	363	ATG	TAA	0	0
mORF_+_2473543	2473543	2473596	+	1	54	ATG	TGA	0	0
mORF_+_2473612	2473612	2473680	+	1	69	ATG	TAA	0	0
mORF_+_2473655	2473655	2473696	+	2	42	ATG	TGA	0	0
mORF_+_2473711	2473711	2473755	+	1	45	ATG	TGA	0	0
mORF_+_2473756	2473756	2473866	+	1	111	TTG	TAA	0	0
mORF_+_2473805	2473805	2473837	+	2	33	ATG	TGA	0	0
mORF_+_2473895	2473895	2474200	+	2	306	ATG	TAA	0	0
mORF_+_2473971	2473971	2474015	+	3	45	TTG	TAG	0	0
mORF_+_2474022	2474022	2474072	+	3	51	ATG	TAG	0	0
mORF_+_2474116	2474116	2474256	+	1	141	ATG	TGA	0	0
mORF_+_2474225	2474225	2474275	+	2	51	ATG	TAG	0	0
mORF_+_2474297	2474297	2474326	+	2	30	TTG	TAG	0	0
mORF_+_2474332	2474332	2474532	+	1	201	ATG	TAA	0	0
mORF_+_2474363	2474363	2474371	+	2	9	TTG	TGA	0	0
mORF_+_2474396	2474396	2474515	+	2	120	TTG	TAA	0	0
mORF_+_2474472	2474472	2474486	+	3	15	ATG	TGA	0	0
mORF_+_2474490	2474490	2474495	+	3	6	TTG	TGA	0	0
mORF_+_2474525	2474525	2474674	+	2	150	ATG	TAG	0	0
mORF_+_2474602	2474602	2474649	+	1	48	ATG	TAA	0	0
mORF_+_2474703	2474703	2474753	+	3	51	GTG	TAA	0	0
mORF_+_2474723	2474723	2474803	+	2	81	GTG	TAA	0	0
mORF_+_2474769	2474769	2474798	+	3	30	TTG	TGA	0	0
mORF_+_2474806	2474806	2474934	+	1	129	ATG	TAA	0	0
mORF_+_2474964	2474964	2474978	+	3	15	ATG	TAA	0	0
mORF_+_2474986	2474986	2475090	+	1	105	ATG	TAA	0	0
mORF_+_2475026	2475026	2475064	+	2	39	TTG	TGA	0	0
mORF_+_2475033	2475033	2475074	+	3	42	ATG	TAA	0	0
mORF_+_2475080	2475080	2475103	+	2	24	GTG	TGA	0	0
mORF_+_2475094	2475094	2475171	+	1	78	ATG	TGA	0	0
mORF_+_2475158	2475158	2475190	+	2	33	GTG	TAG	0	0
mORF_+_2475214	2475214	2475288	+	1	75	TTG	TAA	0	0
mORF_+_2475221	2475221	2475358	+	2	138	TTG	TGA	0	0
mORF_+_2475273	2475273	2475278	+	3	6	GTG	TAA	0	0
mORF_+_2475288	2475288	2475317	+	3	30	ATG	TAG	0	0
mORF_+_2475307	2475307	2475339	+	1	33	TTG	TAA	0	0
mORF_+_2475362	2475362	2475418	+	2	57	TTG	TAA	0	0
mORF_+_2475433	2475433	2475441	+	1	9	GTG	TAA	0	0
mORF_+_2475449	2475449	2475475	+	2	27	TTG	TGA	0	0
mORF_+_2475454	2475454	2475600	+	1	147	ATG	TGA	0	0
mORF_+_2475476	2475476	2475499	+	2	24	ATG	TGA	0	0
mORF_+_2475500	2475500	2475511	+	2	12	TTG	TGA	0	0
mORF_+_2475597	2475597	2475617	+	3	21	TTG	TAA	0	0
mORF_+_2475604	2475604	2475687	+	1	84	TTG	TAG	0	0
mORF_+_2475674	2475674	2475679	+	2	6	GTG	TAA	0	0
mORF_+_2475704	2475704	2475712	+	2	9	ATG	TGA	0	0
mORF_+_2475709	2475709	2475717	+	1	9	ATG	TAA	0	0
mORF_+_2475719	2475719	2475751	+	2	33	GTG	TAG	0	0
mORF_+_2475752	2475752	2475757	+	2	6	ATG	TAA	0	0
mORF_+_2475767	2475767	2475865	+	2	99	TTG	TGA	0	0
mORF_+_2475784	2475784	2475789	+	1	6	ATG	TGA	0	0
mORF_+_2475786	2475786	2475893	+	3	108	GTG	TGA	0	0

mORF_+_2475820	2475820	2475849	+	1	30	TTG	TAA	0	0	
mORF_+_2475862	2475862	2476035	+	1	174	GTG	TGA	0	0	
mORF_+_2475869	2475869	2477206	+	2	1338	ATG	TAA	0	0	
mORF_+_2475921	2475921	2475929	+	3	9	TTG	TGA	0	0	
mORF_+_2476026	2476026	2476106	+	3	81	ATG	TGA	0	0	
mORF_+_2476134	2476134	2476142	+	3	9	TTG	TGA	0	0	
mORF_+_2476170	2476170	2476199	+	3	30	TTG	TGA	0	0	
mORF_+_2476201	2476201	2476224	+	1	24	TTG	TGA	0	0	
mORF_+_2476203	2476203	2476244	+	3	42	GTG	TGA	0	0	
mORF_+_2476263	2476263	2476292	+	3	30	TTG	TAA	0	0	
mORF_+_2476296	2476296	2476322	+	3	27	TTG	TGA	0	0	
mORF_+_2476309	2476309	2476377	+	1	69	ATG	TAA	0	0	
mORF_+_2476365	2476365	2476403	+	3	39	ATG	TGA	0	0	
mORF_+_2476422	2476422	2476430	+	3	9	TTG	TGA	0	0	
mORF_+_2476446	2476446	2476553	+	3	108	GTG	TAG	0	0	
mORF_+_2476584	2476584	2476592	+	3	9	TTG	TGA	0	0	
mORF_+_2476608	2476608	2476619	+	3	12	TTG	TGA	0	0	
mORF_+_2476629	2476629	2476736	+	3	108	GTG	TGA	0	0	
mORF_+_2476767	2476767	2476799	+	3	33	ATG	TGA	0	0	
mORF_+_2476929	2476929	2476961	+	3	33	ATG	TGA	0	0	
mORF_+_2476977	2476977	2477090	+	3	114	TTG	TAG	0	0	
mORF_+_2477101	2477101	2477121	+	1	21	TTG	TGA	0	0	
mORF_+_2477118	2477118	2477237	+	3	120	ATG	TAA	0	0	
mORF_+_2477224	2477224	2478552	+	1	1329	ATG	TAA	7	12	pORF_+_2477224
mORF_+_2477282	2477282	2477356	+	2	75	TTG	TGA	0	0	
mORF_+_2477366	2477366	2477539	+	2	174	ATG	TGA	0	0	
mORF_+_2477594	2477594	2477644	+	2	51	ATG	TGA	0	0	
mORF_+_2477648	2477648	2477758	+	2	111	TTG	TGA	0	0	
mORF_+_2477768	2477768	2477782	+	2	15	TTG	TGA	0	0	
mORF_+_2477801	2477801	2478166	+	2	366	ATG	TAG	0	0	
mORF_+_2477811	2477811	2477861	+	3	51	ATG	TGA	0	0	
mORF_+_2478054	2478054	2478098	+	3	45	GTG	TAA	0	0	
mORF_+_2478153	2478153	2478314	+	3	162	TTG	TAG	0	0	
mORF_+_2478209	2478209	2478427	+	2	219	TTG	TAA	0	0	
mORF_+_2478414	2478414	2478470	+	3	57	GTG	TAA	0	0	
mORF_+_2478486	2478486	2478719	+	3	234	GTG	TAA	0	0	
mORF_+_2478500	2478500	2478526	+	2	27	GTG	TGA	0	0	
mORF_+_2478589	2478589	2478828	+	1	240	GTG	TAA	0	0	
mORF_+_2478596	2478596	2478619	+	2	24	ATG	TAA	0	0	
mORF_+_2478755	2478755	2478766	+	2	12	TTG	TAG	0	0	
mORF_+_2478770	2478770	2478796	+	2	27	GTG	TAA	0	0	
mORF_+_2478843	2478843	2478848	+	3	6	TTG	TGA	0	0	
mORF_+_2478845	2478845	2478859	+	2	15	GTG	TAA	0	0	
mORF_+_2478873	2478873	2478908	+	3	36	TTG	TAA	0	0	
mORF_+_2478880	2478880	2478897	+	1	18	ATG	TGA	0	0	
mORF_+_2478884	2478884	2479096	+	2	213	TTG	TGA	0	0	
mORF_+_2478997	2478997	2479077	+	1	81	TTG	TGA	0	0	
mORF_+_2479093	2479093	2479143	+	1	51	ATG	TAA	0	0	
mORF_+_2479115	2479115	2479123	+	2	9	TTG	TAA	0	0	
mORF_+_2479124	2479124	2479171	+	2	48	ATG	TAA	0	0	
mORF_+_2479172	2479172	2479243	+	2	72	ATG	TGA	0	0	
mORF_+_2479189	2479189	2479209	+	1	21	ATG	TAA	0	0	
mORF_+_2479240	2479240	2479260	+	1	21	ATG	TAA	0	0	
mORF_+_2479352	2479352	2479357	+	2	6	ATG	TGA	0	0	
mORF_+_2479354	2479354	2479710	+	1	357	GTG	TAA	0	0	
mORF_+_2479487	2479487	2479501	+	2	15	TTG	TGA	0	0	
mORF_+_2479536	2479536	2479562	+	3	27	TTG	TAA	0	0	
mORF_+_2479595	2479595	2479621	+	2	27	GTG	TAA	0	0	
mORF_+_2479637	2479637	2479651	+	2	15	ATG	TAA	0	0	
mORF_+_2479754	2479754	2479864	+	2	111	TTG	TAA	0	0	
mORF_+_2479885	2479885	2480223	+	1	339	TTG	TAA	0	0	
mORF_+_2479907	2479907	2479930	+	2	24	ATG	TGA	0	0	
mORF_+_2479965	2479965	2480048	+	3	84	TTG	TGA	0	0	

mORF_+_2479967	2479967	2479984	+	2	18	GTG	TAA	0	0	
mORF_+_2480003	2480003	2480023	+	2	21	TTG	TGA	0	0	
mORF_+_2480045	2480045	2480089	+	2	45	TTG	TAG	0	0	
mORF_+_2480109	2480109	2480126	+	3	18	TTG	TAA	0	0	
mORF_+_2480117	2480117	2480140	+	2	24	ATG	TAG	0	0	
mORF_+_2480168	2480168	2480188	+	2	21	ATG	TAG	0	0	
mORF_+_2480192	2480192	2480266	+	2	75	TTG	TAA	0	0	
mORF_+_2480223	2480223	2480282	+	3	60	ATG	TAA	0	0	
mORF_+_2480289	2480289	2480435	+	3	147	ATG	TGA	0	0	
mORF_+_2480302	2480302	2480352	+	1	51	TTG	TAG	0	0	
mORF_+_2480353	2480353	2480394	+	1	42	TTG	TGA	0	0	
mORF_+_2480384	2480384	2480476	+	2	93	GTG	TAA	0	0	
mORF_+_2480401	2480401	2480445	+	1	45	TTG	TGA	0	0	
mORF_+_2480442	2480442	2480528	+	3	87	TTG	TGA	0	0	
mORF_+_2480467	2480467	2480508	+	1	42	GTG	TGA	0	0	
mORF_+_2480525	2480525	2480656	+	2	132	ATG	TAA	0	0	
mORF_+_2480565	2480565	2480576	+	3	12	TTG	TGA	0	0	
mORF_+_2480592	2480592	2480633	+	3	42	GTG	TGA	0	0	
mORF_+_2480599	2480599	2480610	+	1	12	GTG	TAA	0	0	
mORF_+_2480635	2480635	2480718	+	1	84	GTG	TAA	0	0	
mORF_+_2480660	2480660	2480806	+	2	147	TTG	TAA	0	0	
mORF_+_2480767	2480767	2480853	+	1	87	TTG	TAG	0	0	
mORF_+_2480811	2480811	2480843	+	3	33	GTG	TAA	0	0	
mORF_+_2480863	2480863	2480922	+	1	60	ATG	TAA	0	0	
mORF_+_2480871	2480871	2480957	+	3	87	TTG	TAA	0	0	
mORF_+_2480897	2480897	2480917	+	2	21	ATG	TGA	0	0	
mORF_+_2480969	2480969	2480992	+	2	24	TTG	TGA	0	0	
mORF_+_2480986	2480986	2481072	+	1	87	GTG	TAG	0	0	
mORF_+_2481011	2481011	2481025	+	2	15	TTG	TAA	0	0	
mORF_+_2481041	2481041	2481112	+	2	72	TTG	TGA	0	0	
mORF_+_2481078	2481078	2481140	+	3	63	TTG	TAG	0	0	
mORF_+_2481082	2481082	2481090	+	1	9	GTG	TAG	0	0	
mORF_+_2481109	2481109	2481159	+	1	51	GTG	TAA	0	0	
mORF_+_2481128	2481128	2481178	+	2	51	TTG	TGA	0	0	
mORF_+_2481165	2481165	2481218	+	3	54	GTG	TAG	0	0	
mORF_+_2481182	2481182	2481247	+	2	66	TTG	TAA	0	0	
mORF_+_2481184	2481184	2481213	+	1	30	GTG	TGA	0	0	
mORF_+_2481237	2481237	2481263	+	3	27	ATG	TAG	0	0	
mORF_+_2481253	2481253	2481288	+	1	36	TTG	TAA	0	0	
mORF_+_2481332	2481332	2481346	+	2	15	ATG	TGA	0	0	
mORF_+_2481343	2481343	2481351	+	1	9	TTG	TAA	0	0	
mORF_+_2481384	2481384	2481401	+	3	18	ATG	TGA	0	0	
mORF_+_2481398	2481398	2481589	+	2	192	TTG	TAA	0	0	
mORF_+_2481402	2481402	2481482	+	3	81	ATG	TAA	0	0	
mORF_+_2481436	2481436	2481477	+	1	42	GTG	TAA	0	0	
mORF_+_2481483	2481483	2481581	+	3	99	ATG	TGA	0	0	
mORF_+_2481517	2481517	2481549	+	1	33	GTG	TAG	0	0	
mORF_+_2481615	2481615	2481710	+	3	96	TTG	TGA	0	0	
mORF_+_2481632	2481632	2481715	+	2	84	ATG	TGA	0	0	
mORF_+_2481712	2481712	2481780	+	1	69	ATG	TGA	0	0	
mORF_+_2481722	2481722	2481796	+	2	75	ATG	TGA	0	0	
mORF_+_2481759	2481759	2481773	+	3	15	TTG	TAA	0	0	
mORF_+_2481777	2481777	2482391	+	3	615	ATG	TAA	13	39	pORF_+_2481777
mORF_+_2481793	2481793	2481837	+	1	45	TTG	TGA	0	0	
mORF_+_2481850	2481850	2481861	+	1	12	TTG	TAG	0	0	
mORF_+_2481883	2481883	2481969	+	1	87	GTG	TAG	0	0	
mORF_+_2482024	2482024	2482077	+	1	54	ATG	TGA	0	0	
mORF_+_2482046	2482046	2482054	+	2	9	TTG	TGA	0	0	
mORF_+_2482105	2482105	2482179	+	1	75	TTG	TAA	0	0	
mORF_+_2482225	2482225	2482323	+	1	99	GTG	TGA	0	0	
mORF_+_2482337	2482337	2482342	+	2	6	ATG	TAA	0	0	
mORF_+_2482396	2482396	2485989	+	1	3594	ATG	TAA	2	0	pORF_+_2482396
mORF_+_2482428	2482428	2482493	+	3	66	TTG	TAG	0	0	

mORF_+_2482430	2482430	2482450	+	2	21	GTG	TAA	0	0
mORF_+_2482481	2482481	2482528	+	2	48	GTG	TGA	0	0
mORF_+_2482545	2482545	2482586	+	3	42	TTG	TAA	0	0
mORF_+_2482568	2482568	2482573	+	2	6	TTG	TGA	0	0
mORF_+_2482574	2482574	2482657	+	2	84	TTG	TAA	0	0
mORF_+_2482733	2482733	2482756	+	2	24	TTG	TAG	0	0
mORF_+_2482793	2482793	2482819	+	2	27	ATG	TGA	0	0
mORF_+_2482895	2482895	2482906	+	2	12	TTG	TAG	0	0
mORF_+_2483012	2483012	2483053	+	2	42	ATG	TGA	0	0
mORF_+_2483081	2483081	2483086	+	2	6	ATG	TAG	0	0
mORF_+_2483153	2483153	2483185	+	2	33	ATG	TAA	0	0
mORF_+_2483189	2483189	2483248	+	2	60	ATG	TGA	0	0
mORF_+_2483217	2483217	2483225	+	3	9	TTG	TGA	0	0
mORF_+_2483273	2483273	2483308	+	2	36	ATG	TAA	0	0
mORF_+_2483283	2483283	2483291	+	3	9	GTG	TAA	0	0
mORF_+_2483351	2483351	2483419	+	2	69	ATG	TAA	0	0
mORF_+_2483453	2483453	2483491	+	2	39	ATG	TAA	0	0
mORF_+_2483481	2483481	2483510	+	3	30	ATG	TAG	0	0
mORF_+_2483510	2483510	2483554	+	2	45	GTG	TAA	0	0
mORF_+_2483570	2483570	2483608	+	2	39	TTG	TAA	0	0
mORF_+_2483624	2483624	2483662	+	2	39	TTG	TAA	0	0
mORF_+_2483681	2483681	2483767	+	2	87	TTG	TAA	0	0
mORF_+_2483685	2483685	2483702	+	3	18	ATG	TAA	0	0
mORF_+_2483801	2483801	2483905	+	2	105	ATG	TGA	0	0
mORF_+_2483906	2483906	2483938	+	2	33	ATG	TGA	0	0
mORF_+_2483946	2483946	2483954	+	3	9	ATG	TAA	0	0
mORF_+_2483963	2483963	2483968	+	2	6	ATG	TGA	0	0
mORF_+_2483972	2483972	2484034	+	2	63	TTG	TAG	0	0
mORF_+_2483979	2483979	2483993	+	3	15	ATG	TAG	0	0
mORF_+_2484035	2484035	2484109	+	2	75	TTG	TAG	0	0
mORF_+_2484051	2484051	2484089	+	3	39	ATG	TAA	0	0
mORF_+_2484164	2484164	2484172	+	2	9	ATG	TAA	0	0
mORF_+_2484185	2484185	2484259	+	2	75	ATG	TAG	0	0
mORF_+_2484266	2484266	2484478	+	2	213	GTG	TAA	0	0
mORF_+_2484381	2484381	2484389	+	3	9	ATG	TAA	0	0
mORF_+_2484405	2484405	2484425	+	3	21	ATG	TGA	0	0
mORF_+_2484441	2484441	2484464	+	3	24	TTG	TGA	0	0
mORF_+_2484482	2484482	2484496	+	2	15	ATG	TAG	0	0
mORF_+_2484653	2484653	2484688	+	2	36	TTG	TAA	0	0
mORF_+_2484689	2484689	2484769	+	2	81	TTG	TAG	0	0
mORF_+_2484747	2484747	2484848	+	3	102	ATG	TGA	0	0
mORF_+_2484794	2484794	2484826	+	2	33	GTG	TAA	0	0
mORF_+_2484911	2484911	2484943	+	2	33	ATG	TAA	0	0
mORF_+_2484968	2484968	2484997	+	2	30	TTG	TGA	0	0
mORF_+_2485016	2485016	2485102	+	2	87	GTG	TAG	0	0
mORF_+_2485289	2485289	2485330	+	2	42	ATG	TAA	0	0
mORF_+_2485343	2485343	2485456	+	2	114	ATG	TGA	0	0
mORF_+_2485469	2485469	2485543	+	2	75	GTG	TAA	0	0
mORF_+_2485545	2485545	2485655	+	3	111	TTG	TGA	0	0
mORF_+_2485586	2485586	2485594	+	2	9	ATG	TGA	0	0
mORF_+_2485622	2485622	2485669	+	2	48	TTG	TGA	0	0
mORF_+_2485727	2485727	2485768	+	2	42	ATG	TAG	0	0
mORF_+_2485797	2485797	2485826	+	3	30	GTG	TAA	0	0
mORF_+_2485817	2485817	2485834	+	2	18	GTG	TGA	0	0
mORF_+_2485889	2485889	2485921	+	2	33	ATG	TGA	0	0
mORF_+_2485940	2485940	2485993	+	2	54	TTG	TAG	0	0
mORF_+_2486005	2486005	2486109	+	1	105	ATG	TAA	0	0
mORF_+_2486013	2486013	2486195	+	3	183	ATG	TGA	0	0
mORF_+_2486015	2486015	2486050	+	2	36	GTG	TGA	0	0
mORF_+_2486069	2486069	2486230	+	2	162	TTG	TAA	0	0
mORF_+_2486200	2486200	2486211	+	1	12	GTG	TAA	0	0
mORF_+_2486211	2486211	2486459	+	3	249	ATG	TGA	0	0
mORF_+_2486258	2486258	2486272	+	2	15	ATG	TAA	0	0

mORF_+_2486315	2486315	2486347	+	2	33	TTG	TAA	0	0
mORF_+_2486395	2486395	2486445	+	1	51	GTG	TAA	0	0
mORF_+_2486463	2486463	2486489	+	3	27	TTG	TAG	0	0
mORF_+_2486479	2486479	2486649	+	1	171	GTG	TGA	0	0
mORF_+_2486492	2486492	2486518	+	2	27	ATG	TGA	0	0
mORF_+_2486549	2486549	2486653	+	2	105	ATG	TAA	0	0
mORF_+_2486568	2486568	2486627	+	3	60	GTG	TAA	0	0
mORF_+_2486683	2486683	2486754	+	1	72	ATG	TGA	0	0
mORF_+_2486751	2486751	2486765	+	3	15	ATG	TAG	0	0
mORF_+_2486792	2486792	2486806	+	2	15	ATG	TGA	0	0
mORF_+_2486809	2486809	2486823	+	1	15	ATG	TGA	0	0
mORF_+_2486820	2486820	2486843	+	3	24	ATG	TGA	0	0
mORF_+_2486840	2486840	2486857	+	2	18	TTG	TGA	0	0
mORF_+_2486854	2486854	2486919	+	1	66	ATG	TGA	0	0
mORF_+_2486912	2486912	2486959	+	2	48	TTG	TAA	0	0
mORF_+_2486916	2486916	2486948	+	3	33	TTG	TGA	0	0
mORF_+_2486979	2486979	2486987	+	3	9	TTG	TGA	0	0
mORF_+_2486984	2486984	2487010	+	2	27	ATG	TGA	0	0
mORF_+_2487007	2487007	2487075	+	1	69	GTG	TAA	0	0
mORF_+_2487036	2487036	2487056	+	3	21	GTG	TGA	0	0
mORF_+_2487053	2487053	2487151	+	2	99	ATG	TAA	0	0
mORF_+_2487082	2487082	2487126	+	1	45	TTG	TAA	0	0
mORF_+_2487133	2487133	2487147	+	1	15	GTG	TAA	0	0
mORF_+_2487171	2487171	2487221	+	3	51	TTG	TGA	0	0
mORF_+_2487184	2487184	2487288	+	1	105	TTG	TAA	0	0
mORF_+_2487191	2487191	2487205	+	2	15	TTG	TGA	0	0
mORF_+_2487218	2487218	2487259	+	2	42	GTG	TGA	0	0
mORF_+_2487240	2487240	2487245	+	3	6	ATG	TAA	0	0
mORF_+_2487266	2487266	2487283	+	2	18	ATG	TGA	0	0
mORF_+_2487304	2487304	2487360	+	1	57	GTG	TAG	0	0
mORF_+_2487335	2487335	2487367	+	2	33	ATG	TAA	0	0
mORF_+_2487382	2487382	2487453	+	1	72	ATG	TGA	0	0
mORF_+_2487395	2487395	2487532	+	2	138	ATG	TGA	0	0
mORF_+_2487435	2487435	2487587	+	3	153	ATG	TGA	0	0
mORF_+_2487508	2487508	2487516	+	1	9	GTG	TAA	0	0
mORF_+_2487545	2487545	2487592	+	2	48	GTG	TAG	0	0
mORF_+_2487614	2487614	2487778	+	2	165	TTG	TAG	0	0
mORF_+_2487788	2487788	2487796	+	2	9	TTG	TAA	0	0
mORF_+_2487812	2487812	2487853	+	2	42	TTG	TAG	0	0
mORF_+_2487883	2487883	2487951	+	1	69	ATG	TAG	0	0
mORF_+_2487890	2487890	2487940	+	2	51	GTG	TAA	0	0
mORF_+_2487927	2487927	2487998	+	3	72	ATG	TGA	0	0
mORF_+_2487995	2487995	2488051	+	2	57	GTG	TAA	0	0
mORF_+_2488015	2488015	2488083	+	1	69	GTG	TAG	0	0
mORF_+_2488103	2488103	2488147	+	2	45	ATG	TAA	0	0
mORF_+_2488113	2488113	2488124	+	3	12	TTG	TGA	0	0
mORF_+_2488162	2488162	2488281	+	1	120	ATG	TAA	0	0
mORF_+_2488199	2488199	2488210	+	2	12	ATG	TAA	0	0
mORF_+_2488247	2488247	2488306	+	2	60	ATG	TAA	0	0
mORF_+_2488293	2488293	2488397	+	3	105	TTG	TAA	0	0
mORF_+_2488309	2488309	2488383	+	1	75	TTG	TGA	0	0
mORF_+_2488390	2488390	2488404	+	1	15	GTG	TGA	0	0
mORF_+_2488401	2488401	2488460	+	3	60	ATG	TAA	0	0
mORF_+_2488420	2488420	2488434	+	1	15	GTG	TAG	0	0
mORF_+_2488462	2488462	2488542	+	1	81	TTG	TAG	0	0
mORF_+_2488472	2488472	2488519	+	2	48	TTG	TGA	0	0
mORF_+_2488476	2488476	2488499	+	3	24	ATG	TGA	0	0
mORF_+_2488543	2488543	2488689	+	1	147	ATG	TAG	0	0
mORF_+_2488699	2488699	2488806	+	1	108	ATG	TAA	0	0
mORF_+_2488739	2488739	2488759	+	2	21	GTG	TAA	0	0
mORF_+_2488766	2488766	2488798	+	2	33	GTG	TAA	0	0
mORF_+_2488847	2488847	2488855	+	2	9	ATG	TAA	0	0
mORF_+_2488865	2488865	2488960	+	2	96	ATG	TAA	0	0

mORF_+_2488869	2488869	2488886	+	3	18	TTG	TAA	0	0
mORF_+_2488893	2488893	2488931	+	3	39	ATG	TAA	0	0
mORF_+_2488918	2488918	2489076	+	1	159	TTG	TGA	0	0
mORF_+_2488961	2488961	2489080	+	2	120	ATG	TAA	0	0
mORF_+_2488968	2488968	2489123	+	3	156	TTG	TAA	0	0
mORF_+_2489084	2489084	2489152	+	2	69	GTG	TGA	0	0
mORF_+_2489149	2489149	2489259	+	1	111	ATG	TGA	0	0
mORF_+_2489165	2489165	2489236	+	2	72	TTG	TAG	0	0
mORF_+_2489205	2489205	2489300	+	3	96	ATG	TGA	0	0
mORF_+_2489240	2489240	2489272	+	2	33	TTG	TAA	0	0
mORF_+_2489297	2489297	2489326	+	2	30	GTG	TAA	0	0
mORF_+_2489314	2489314	2489487	+	1	174	TTG	TAA	0	0
mORF_+_2489330	2489330	2489368	+	2	39	ATG	TAG	0	0
mORF_+_2489384	2489384	2489419	+	2	36	ATG	TAA	0	0
mORF_+_2489468	2489468	2489524	+	2	57	TTG	TAG	0	0
mORF_+_2489528	2489528	2489563	+	2	36	GTG	TAA	0	0
mORF_+_2489539	2489539	2489559	+	1	21	ATG	TGA	0	0
mORF_+_2489570	2489570	2489668	+	2	99	ATG	TAA	0	0
mORF_+_2489578	2489578	2489622	+	1	45	TTG	TAA	0	0
mORF_+_2489604	2489604	2489636	+	3	33	TTG	TAG	0	0
mORF_+_2489671	2489671	2489799	+	1	129	ATG	TAG	0	0
mORF_+_2489696	2489696	2489725	+	2	30	TTG	TGA	0	0
mORF_+_2489766	2489766	2489921	+	3	156	TTG	TAA	0	0
mORF_+_2489783	2489783	2489899	+	2	117	TTG	TAG	0	0
mORF_+_2489836	2489836	2489895	+	1	60	ATG	TAA	0	0
mORF_+_2489899	2489899	2489958	+	1	60	GTG	TGA	0	0
mORF_+_2489921	2489921	2489935	+	2	15	ATG	TGA	0	0
mORF_+_2489937	2489937	2489969	+	3	33	ATG	TGA	0	0
mORF_+_2489971	2489971	2490129	+	1	159	ATG	TAA	0	0
mORF_+_2490000	2490000	2490023	+	3	24	TTG	TAA	0	0
mORF_+_2490030	2490030	2490074	+	3	45	ATG	TAA	0	0
mORF_+_2490035	2490035	2490112	+	2	78	GTG	TAA	0	0
mORF_+_2490157	2490157	2490324	+	1	168	TTG	TAG	0	0
mORF_+_2490194	2490194	2490244	+	2	51	TTG	TGA	0	0
mORF_+_2490311	2490311	2490643	+	2	333	ATG	TAA	0	0
mORF_+_2490324	2490324	2490461	+	3	138	GTG	TGA	0	0
mORF_+_2490367	2490367	2490408	+	1	42	GTG	TAA	0	0
mORF_+_2490465	2490465	2490473	+	3	9	GTG	TAA	0	0
mORF_+_2490574	2490574	2490690	+	1	117	ATG	TGA	0	0
mORF_+_2490684	2490684	2490848	+	3	165	ATG	TGA	0	0
mORF_+_2490695	2490695	2490739	+	2	45	TTG	TAA	0	0
mORF_+_2490752	2490752	2491000	+	2	249	ATG	TAA	0	0
mORF_+_2490826	2490826	2490906	+	1	81	ATG	TGA	0	0
mORF_+_2490903	2490903	2490941	+	3	39	TTG	TGA	0	0
mORF_+_2490925	2490925	2490933	+	1	9	GTG	TGA	0	0
mORF_+_2490954	2490954	2490968	+	3	15	GTG	TGA	0	0
mORF_+_2490972	2490972	2490986	+	3	15	ATG	TGA	0	0
mORF_+_2491038	2491038	2491103	+	3	66	TTG	TAA	0	0
mORF_+_2491136	2491136	2491273	+	2	138	GTG	TGA	0	0
mORF_+_2491216	2491216	2491239	+	1	24	ATG	TGA	0	0
mORF_+_2491236	2491236	2491262	+	3	27	GTG	TGA	0	0
mORF_+_2491264	2491264	2491278	+	1	15	GTG	TAG	0	0
mORF_+_2491302	2491302	2491310	+	3	9	ATG	TAA	0	0
mORF_+_2491304	2491304	2491315	+	2	12	GTG	TAG	0	0
mORF_+_2491402	2491402	2491497	+	1	96	GTG	TAA	0	0
mORF_+_2491454	2491454	2491477	+	2	24	GTG	TGA	0	0
mORF_+_2491484	2491484	2491522	+	2	39	TTG	TGA	0	0
mORF_+_2491491	2491491	2491574	+	3	84	GTG	TGA	0	0
mORF_+_2491519	2491519	2491542	+	1	24	GTG	TAA	0	0
mORF_+_2491552	2491552	2491587	+	1	36	GTG	TAA	0	0
mORF_+_2491571	2491571	2491606	+	2	36	ATG	TAA	0	0
mORF_+_2491615	2491615	2492166	+	1	552	ATG	TGA	0	0
mORF_+_2491620	2491620	2491625	+	3	6	TTG	TGA	0	0

mORF_+_2491622	2491622	2491654	+	2	33	GTG	TGA	0	0
mORF_+_2491665	2491665	2491697	+	3	33	ATG	TAA	0	0
mORF_+_2491721	2491721	2491732	+	2	12	TTG	TAA	0	0
mORF_+_2491737	2491737	2491757	+	3	21	TTG	TAA	0	0
mORF_+_2491803	2491803	2491823	+	3	21	GTG	TGA	0	0
mORF_+_2491820	2491820	2491864	+	2	45	ATG	TAG	0	0
mORF_+_2491854	2491854	2491922	+	3	69	TTG	TAA	0	0
mORF_+_2491923	2491923	2492087	+	3	165	GTG	TAA	0	0
mORF_+_2492015	2492015	2492059	+	2	45	TTG	TAA	0	0
mORF_+_2492087	2492087	2492221	+	2	135	ATG	TGA	0	0
mORF_+_2492142	2492142	2492396	+	3	255	TTG	TGA	0	0
mORF_+_2492218	2492218	2492265	+	1	48	ATG	TAA	0	0
mORF_+_2492269	2492269	2492376	+	1	108	TTG	TGA	0	0
mORF_+_2492393	2492393	2492476	+	2	84	GTG	TGA	0	0
mORF_+_2492469	2492469	2492645	+	3	177	TTG	TAA	0	0
mORF_+_2492473	2492473	2492487	+	1	15	GTG	TGA	0	0
mORF_+_2492531	2492531	2492536	+	2	6	TTG	TAG	0	0
mORF_+_2492569	2492569	2492574	+	1	6	TTG	TAG	0	0
mORF_+_2492579	2492579	2492656	+	2	78	ATG	TAA	0	0
mORF_+_2492661	2492661	2492666	+	3	6	ATG	TAA	0	0
mORF_+_2492694	2492694	2492723	+	3	30	GTG	TGA	0	0
mORF_+_2492720	2492720	2492995	+	2	276	ATG	TAG	0	0
mORF_+_2492773	2492773	2492814	+	1	42	ATG	TGA	0	0
mORF_+_2492778	2492778	2492852	+	3	75	ATG	TGA	0	0
mORF_+_2492913	2492913	2492927	+	3	15	ATG	TAA	0	0
mORF_+_2493006	2493006	2493041	+	3	36	ATG	TGA	0	0
mORF_+_2493013	2493013	2493030	+	1	18	GTG	TGA	0	0
mORF_+_2493023	2493023	2493067	+	2	45	ATG	TGA	0	0
mORF_+_2493054	2493054	2493152	+	3	99	ATG	TAG	0	0
mORF_+_2493175	2493175	2493186	+	1	12	ATG	TAA	0	0
mORF_+_2493190	2493190	2493255	+	1	66	ATG	TGA	0	0
mORF_+_2493194	2493194	2493310	+	2	117	GTG	TAA	0	0
mORF_+_2493259	2493259	2493264	+	1	6	ATG	TAG	0	0
mORF_+_2493395	2493395	2493481	+	2	87	TTG	TAG	0	0
mORF_+_2493408	2493408	2493425	+	3	18	ATG	TAA	0	0
mORF_+_2493426	2493426	2493485	+	3	60	ATG	TGA	0	0
mORF_+_2493439	2493439	2493471	+	1	33	GTG	TAA	0	0
mORF_+_2493499	2493499	2493588	+	1	90	GTG	TGA	0	0
mORF_+_2493524	2493524	2493547	+	2	24	ATG	TGA	0	0
mORF_+_2493576	2493576	2493833	+	3	258	TTG	TGA	0	0
mORF_+_2493601	2493601	2494587	+	1	987	TTG	TAA	0	0
mORF_+_2493605	2493605	2493664	+	2	60	GTG	TAA	0	0
mORF_+_2493728	2493728	2493823	+	2	96	TTG	TGA	0	0
mORF_+_2493830	2493830	2493901	+	2	72	GTG	TGA	0	0
mORF_+_2493861	2493861	2493983	+	3	123	TTG	TAA	0	0
mORF_+_2493902	2493902	2493940	+	2	39	TTG	TAG	0	0
mORF_+_2493984	2493984	2493992	+	3	9	ATG	TGA	0	0
mORF_+_2493989	2493989	2494045	+	2	57	TTG	TAA	0	0
mORF_+_2494049	2494049	2494093	+	2	45	TTG	TGA	0	0
mORF_+_2494101	2494101	2494136	+	3	36	GTG	TAA	0	0
mORF_+_2494152	2494152	2494184	+	3	33	ATG	TAA	0	0
mORF_+_2494166	2494166	2494195	+	2	30	GTG	TGA	0	0
mORF_+_2494220	2494220	2494234	+	2	15	TTG	TGA	0	0
mORF_+_2494241	2494241	2494378	+	2	138	GTG	TGA	0	0
mORF_+_2494251	2494251	2494283	+	3	33	ATG	TAA	0	0
mORF_+_2494457	2494457	2494483	+	2	27	ATG	TGA	0	0
mORF_+_2494635	2494635	2494685	+	3	51	ATG	TAA	0	0
mORF_+_2494718	2494718	2494732	+	2	15	ATG	TAA	0	0
mORF_+_2494755	2494755	2494781	+	3	27	ATG	TAG	0	0
mORF_+_2494762	2494762	2494812	+	1	51	TTG	TAG	0	0
mORF_+_2494827	2494827	2494898	+	3	72	GTG	TAA	0	0
mORF_+_2494873	2494873	2494917	+	1	45	GTG	TAA	0	0
mORF_+_2494898	2494898	2495014	+	2	117	ATG	TAA	0	0

mORF_+_2494936	2494936	2494941	+	1	6	ATG	TAA	0	0	
mORF_+_2494984	2494984	2495097	+	1	114	TTG	TGA	0	0	
mORF_+_2494998	2494998	2495006	+	3	9	TTG	TGA	0	0	
mORF_+_2495024	2495024	2495032	+	2	9	GTG	TGA	0	0	
mORF_+_2495058	2495058	2495069	+	3	12	TTG	TGA	0	0	
mORF_+_2495075	2495075	2495149	+	2	75	GTG	TAA	0	0	
mORF_+_2495094	2495094	2495120	+	3	27	GTG	TAG	0	0	
mORF_+_2495104	2495104	2495166	+	1	63	TTG	TGA	0	0	
mORF_+_2495192	2495192	2495266	+	2	75	GTG	TAA	0	0	
mORF_+_2495205	2495205	2495645	+	3	441	ATG	TGA	0	0	
mORF_+_2495275	2495275	2495442	+	1	168	TTG	TGA	0	0	
mORF_+_2495306	2495306	2495386	+	2	81	ATG	TAA	0	0	
mORF_+_2495488	2495488	2495496	+	1	9	GTG	TAA	0	0	
mORF_+_2495539	2495539	2495583	+	1	45	TTG	TAG	0	0	
mORF_+_2495621	2495621	2495641	+	2	21	GTG	TAA	0	0	
mORF_+_2495642	2495642	2495845	+	2	204	TTG	TGA	0	0	
mORF_+_2495691	2495691	2495777	+	3	87	ATG	TGA	0	0	
mORF_+_2495824	2495824	2495910	+	1	87	ATG	TAA	0	0	
mORF_+_2495913	2495913	2496023	+	3	111	ATG	TGA	0	0	
mORF_+_2495927	2495927	2496007	+	2	81	TTG	TAG	0	0	
mORF_+_2495947	2495947	2495958	+	1	12	GTG	TGA	0	0	
mORF_+_2496007	2496007	2496048	+	1	42	GTG	TAG	0	0	
mORF_+_2496070	2496070	2496111	+	1	42	ATG	TAA	0	0	
mORF_+_2496098	2496098	2496196	+	2	99	GTG	TGA	0	0	
mORF_+_2496114	2496114	2496146	+	3	33	ATG	TAA	0	0	
mORF_+_2496118	2496118	2496264	+	1	147	GTG	TAG	0	0	
mORF_+_2496159	2496159	2496449	+	3	291	ATG	TGA	0	0	
mORF_+_2496280	2496280	2496333	+	1	54	ATG	TAA	0	0	
mORF_+_2496370	2496370	2496396	+	1	27	ATG	TGA	0	0	
mORF_+_2496436	2496436	2496744	+	1	309	ATG	TAA	0	0	
mORF_+_2496446	2496446	2496520	+	2	75	ATG	TAA	0	0	
mORF_+_2496548	2496548	2496574	+	2	27	GTG	TAA	0	0	
mORF_+_2496609	2496609	2496665	+	3	57	GTG	TAG	0	0	
mORF_+_2496693	2496693	2498390	+	3	1698	GTG	TGA	0	0	
mORF_+_2496946	2496946	2496960	+	1	15	TTG	TAG	0	0	
mORF_+_2496953	2496953	2497006	+	2	54	GTG	TGA	0	0	
mORF_+_2496979	2496979	2497002	+	1	24	TTG	TAA	0	0	
mORF_+_2497003	2497003	2497020	+	1	18	TTG	TGA	0	0	
mORF_+_2497058	2497058	2497138	+	2	81	TTG	TGA	0	0	
mORF_+_2497135	2497135	2497146	+	1	12	GTG	TGA	0	0	
mORF_+_2497162	2497162	2497224	+	1	63	TTG	TGA	0	0	
mORF_+_2497252	2497252	2497527	+	1	276	TTG	TGA	0	0	
mORF_+_2497555	2497555	2497599	+	1	45	ATG	TGA	0	0	
mORF_+_2497607	2497607	2497753	+	2	147	GTG	TGA	0	0	
mORF_+_2497750	2497750	2497824	+	1	75	GTG	TGA	0	0	
mORF_+_2497909	2497909	2497917	+	1	9	TTG	TAA	0	0	
mORF_+_2497924	2497924	2498007	+	1	84	ATG	TGA	0	0	
mORF_+_2498017	2498017	2498037	+	1	21	ATG	TGA	0	0	
mORF_+_2498039	2498039	2498116	+	2	78	TTG	TAA	0	0	
mORF_+_2498086	2498086	2498205	+	1	120	TTG	TGA	0	0	
mORF_+_2498144	2498144	2498209	+	2	66	GTG	TGA	0	0	
mORF_+_2498206	2498206	2498256	+	1	51	TTG	TGA	0	0	
mORF_+_2498257	2498257	2498274	+	1	18	ATG	TGA	0	0	
mORF_+_2498284	2498284	2498400	+	1	117	ATG	TGA	0	0	
mORF_+_2498387	2498387	2499139	+	2	753	TTG	TAA	3	6	pORF_+_2498387
mORF_+_2498397	2498397	2498408	+	3	12	GTG	TGA	0	0	
mORF_+_2498418	2498418	2498453	+	3	36	TTG	TGA	0	0	
mORF_+_2498487	2498487	2498522	+	3	36	TTG	TGA	0	0	
mORF_+_2498583	2498583	2498669	+	3	87	ATG	TAG	0	0	
mORF_+_2498650	2498650	2498679	+	1	30	GTG	TGA	0	0	
mORF_+_2498676	2498676	2498801	+	3	126	TTG	TAA	0	0	
mORF_+_2498805	2498805	2498831	+	3	27	GTG	TGA	0	0	
mORF_+_2498835	2498835	2498846	+	3	12	ATG	TAA	0	0	

mORF_+_2498901	2498901	2498930	+	3	30	TTG	TAA	0	0	
mORF_+_2498953	2498953	2499045	+	1	93	TTG	TAA	0	0	
mORF_+_2499003	2499003	2499014	+	3	12	GTG	TGA	0	0	
mORF_+_2499081	2499081	2499110	+	3	30	TTG	TGA	0	0	
mORF_+_2499152	2499152	2500009	+	2	858	ATG	TAA	0	0	
mORF_+_2499246	2499246	2499428	+	3	183	TTG	TGA	0	0	
mORF_+_2499283	2499283	2499291	+	1	9	ATG	TGA	0	0	
mORF_+_2499462	2499462	2499626	+	3	165	TTG	TAA	0	0	
mORF_+_2499640	2499640	2499648	+	1	9	TTG	TAG	0	0	
mORF_+_2499709	2499709	2499714	+	1	6	TTG	TAA	0	0	
mORF_+_2499732	2499732	2499872	+	3	141	ATG	TGA	0	0	
mORF_+_2499844	2499844	2499903	+	1	60	TTG	TGA	0	0	
mORF_+_2499900	2499900	2499974	+	3	75	ATG	TGA	0	0	
mORF_+_2499916	2499916	2499933	+	1	18	TTG	TAG	0	0	
mORF_+_2499943	2499943	2500023	+	1	81	TTG	TAA	0	0	
mORF_+_2500051	2500051	2500197	+	1	147	TTG	TGA	0	0	
mORF_+_2500053	2500053	2500151	+	3	99	GTG	TAG	0	0	
mORF_+_2500166	2500166	2500246	+	2	81	ATG	TGA	0	0	
mORF_+_2500243	2500243	2500491	+	1	249	ATG	TAA	1	2	pORF_+_2500243
mORF_+_2500262	2500262	2500423	+	2	162	TTG	TGA	0	0	
mORF_+_2500452	2500452	2500478	+	3	27	GTG	TAA	0	0	
mORF_+_2500484	2500484	2500531	+	2	48	GTG	TGA	0	0	
mORF_+_2500524	2500524	2500715	+	3	192	ATG	TAA	0	0	
mORF_+_2500564	2500564	2500641	+	1	78	TTG	TAG	0	0	
mORF_+_2500679	2500679	2500702	+	2	24	ATG	TGA	0	0	
mORF_+_2500702	2500702	2500764	+	1	63	ATG	TAG	0	0	
mORF_+_2500709	2500709	2500873	+	2	165	GTG	TAG	1	4	pORF_+_2500709
mORF_+_2500743	2500743	2500751	+	3	9	ATG	TAA	0	0	
mORF_+_2500858	2500858	2500983	+	1	126	GTG	TAA	0	0	
mORF_+_2500895	2500895	2500924	+	2	30	ATG	TGA	0	0	
mORF_+_2500999	2500999	2501220	+	1	222	GTG	TAG	0	0	
mORF_+_2501027	2501027	2501065	+	2	39	TTG	TGA	0	0	
mORF_+_2501066	2501066	2501095	+	2	30	GTG	TAA	0	0	
mORF_+_2501156	2501156	2501233	+	2	78	ATG	TAG	0	0	
mORF_+_2501242	2501242	2501694	+	1	453	TTG	TAA	0	0	
mORF_+_2501321	2501321	2501398	+	2	78	TTG	TAG	0	0	
mORF_+_2501610	2501610	2501765	+	3	156	GTG	TGA	0	0	
mORF_+_2501621	2501621	2501821	+	2	201	GTG	TAA	0	0	
mORF_+_2501767	2501767	2502108	+	1	342	ATG	TAA	0	0	
mORF_+_2501843	2501843	2501893	+	2	51	TTG	TGA	0	0	
mORF_+_2501921	2501921	2501944	+	2	24	TTG	TGA	0	0	
mORF_+_2501975	2501975	2502085	+	2	111	TTG	TAA	0	0	
mORF_+_2502027	2502027	2502173	+	3	147	TTG	TAA	0	0	
mORF_+_2502149	2502149	2502229	+	2	81	TTG	TGA	0	0	
mORF_+_2502183	2502183	2502224	+	3	42	ATG	TAG	0	0	
mORF_+_2502199	2502199	2502336	+	1	138	ATG	TAG	0	0	
mORF_+_2502260	2502260	2502496	+	2	237	ATG	TGA	0	0	
mORF_+_2502381	2502381	2502401	+	3	21	TTG	TAA	0	0	
mORF_+_2502394	2502394	2502468	+	1	75	ATG	TAG	0	0	
mORF_+_2502493	2502493	2502504	+	1	12	TTG	TAA	0	0	
mORF_+_2502550	2502550	2502594	+	1	45	TTG	TAA	0	0	
mORF_+_2502598	2502598	2502702	+	1	105	TTG	TAA	0	0	
mORF_+_2502614	2502614	2502880	+	2	267	ATG	TAA	0	0	
mORF_+_2502636	2502636	2502737	+	3	102	ATG	TGA	0	0	
mORF_+_2502703	2502703	2502831	+	1	129	GTG	TAA	0	0	
mORF_+_2502801	2502801	2502869	+	3	69	TTG	TAG	0	0	
mORF_+_2502862	2502862	2502966	+	1	105	ATG	TAA	0	0	
mORF_+_2502917	2502917	2503057	+	2	141	ATG	TAG	0	0	
mORF_+_2502987	2502987	2503133	+	3	147	TTG	TGA	0	0	
mORF_+_2503024	2503024	2503041	+	1	18	GTG	TAA	0	0	
mORF_+_2503099	2503099	2503554	+	1	456	GTG	TAA	0	0	
mORF_+_2503118	2503118	2503177	+	2	60	GTG	TAG	0	0	
mORF_+_2503190	2503190	2503585	+	2	396	ATG	TGA	0	0	

mORF_+_2503582	2503582	2503611	+	1	30	GTG	TAG	0	0
mORF_+_2503626	2503626	2503706	+	3	81	TTG	TAA	0	0
mORF_+_2503654	2503654	2503683	+	1	30	ATG	TAA	0	0
mORF_+_2503708	2503708	2503761	+	1	54	ATG	TGA	0	0
mORF_+_2503739	2503739	2503777	+	2	39	GTG	TAG	0	0
mORF_+_2503758	2503758	2504546	+	3	789	ATG	TGA	0	0
mORF_+_2503768	2503768	2503782	+	1	15	ATG	TGA	0	0
mORF_+_2503786	2503786	2503794	+	1	9	GTG	TGA	0	0
mORF_+_2503825	2503825	2503917	+	1	93	ATG	TGA	0	0
mORF_+_2503886	2503886	2503927	+	2	42	TTG	TAA	0	0
mORF_+_2503975	2503975	2503998	+	1	24	GTG	TAG	0	0
mORF_+_2504026	2504026	2504193	+	1	168	GTG	TGA	0	0
mORF_+_2504272	2504272	2504409	+	1	138	TTG	TGA	0	0
mORF_+_2504410	2504410	2504460	+	1	51	TTG	TAG	0	0
mORF_+_2504509	2504509	2504541	+	1	33	ATG	TAA	0	0
mORF_+_2504551	2504551	2504745	+	1	195	GTG	TGA	0	0
mORF_+_2504565	2504565	2504588	+	3	24	ATG	TGA	0	0
mORF_+_2504585	2504585	2504623	+	2	39	GTG	TAA	0	0
mORF_+_2504610	2504610	2504648	+	3	39	TTG	TAA	0	0
mORF_+_2504648	2504648	2504686	+	2	39	ATG	TAA	0	0
mORF_+_2504691	2504691	2504774	+	3	84	TTG	TAG	0	0
mORF_+_2504787	2504787	2504984	+	3	198	GTG	TAA	0	0
mORF_+_2504800	2504800	2504811	+	1	12	ATG	TAG	0	0
mORF_+_2504828	2504828	2504860	+	2	33	TTG	TGA	0	0
mORF_+_2504857	2504857	2504871	+	1	15	TTG	TAG	0	0
mORF_+_2504987	2504987	2505016	+	2	30	TTG	TAA	0	0
mORF_+_2504994	2504994	2505278	+	3	285	TTG	TAG	0	0
mORF_+_2505098	2505098	2505343	+	2	246	GTG	TAA	0	0
mORF_+_2505163	2505163	2505249	+	1	87	TTG	TGA	0	0
mORF_+_2505291	2505291	2505392	+	3	102	ATG	TAA	0	0
mORF_+_2505325	2505325	2505336	+	1	12	ATG	TGA	0	0
mORF_+_2505423	2505423	2505725	+	3	303	ATG	TAA	0	0
mORF_+_2505458	2505458	2505643	+	2	186	TTG	TAA	0	0
mORF_+_2505780	2505780	2506025	+	3	246	ATG	TAA	0	0
mORF_+_2505784	2505784	2505837	+	1	54	GTG	TAG	0	0
mORF_+_2505803	2505803	2506036	+	2	234	ATG	TGA	0	0
mORF_+_2505874	2505874	2505909	+	1	36	ATG	TAA	0	0
mORF_+_2506000	2506000	2506017	+	1	18	TTG	TGA	0	0
mORF_+_2506033	2506033	2506065	+	1	33	GTG	TAA	0	0
mORF_+_2506076	2506076	2506243	+	2	168	GTG	TAA	0	0
mORF_+_2506080	2506080	2506166	+	3	87	ATG	TAA	0	0
mORF_+_2506212	2506212	2506217	+	3	6	GTG	TGA	0	0
mORF_+_2506282	2506282	2506299	+	1	18	GTG	TGA	0	0
mORF_+_2506289	2506289	2506342	+	2	54	TTG	TAA	0	0
mORF_+_2506296	2506296	2506307	+	3	12	GTG	TGA	0	0
mORF_+_2506342	2506342	2506362	+	1	21	ATG	TAA	0	0
mORF_+_2506378	2506378	2506383	+	1	6	GTG	TGA	0	0
mORF_+_2506380	2506380	2506472	+	3	93	GTG	TAA	0	0
mORF_+_2506396	2506396	2506401	+	1	6	TTG	TGA	0	0
mORF_+_2506432	2506432	2506440	+	1	9	ATG	TAA	0	0
mORF_+_2506490	2506490	2506495	+	2	6	ATG	TGA	0	0
mORF_+_2506492	2506492	2506500	+	1	9	GTG	TAA	0	0
mORF_+_2506513	2506513	2507205	+	1	693	ATG	TGA	0	0
mORF_+_2506515	2506515	2506556	+	3	42	GTG	TGA	0	0
mORF_+_2506541	2506541	2506903	+	2	363	TTG	TGA	0	0
mORF_+_2506608	2506608	2506634	+	3	27	ATG	TGA	0	0
mORF_+_2506686	2506686	2506700	+	3	15	ATG	TGA	0	0
mORF_+_2506749	2506749	2506796	+	3	48	ATG	TAA	0	0
mORF_+_2506803	2506803	2506811	+	3	9	TTG	TGA	0	0
mORF_+_2506845	2506845	2506934	+	3	90	TTG	TAA	0	0
mORF_+_2506934	2506934	2506972	+	2	39	ATG	TGA	0	0
mORF_+_2507202	2507202	2507249	+	3	48	TTG	TAA	0	0
mORF_+_2507218	2507218	2507349	+	1	132	ATG	TGA	0	0

mORF+_2507222	2507222	2507308	+	2	87	TTG	TAA	0	0	
mORF+_2507250	2507250	2507318	+	3	69	TTG	TGA	0	0	
mORF+_2507315	2507315	2507338	+	2	24	ATG	TAA	0	0	
mORF+_2507403	2507403	2507543	+	3	141	GTG	TAA	0	0	
mORF+_2507408	2507408	2507467	+	2	60	TTG	TAA	0	0	
mORF+_2507588	2507588	2507623	+	2	36	TTG	TAA	0	0	
mORF+_2507596	2507596	2507631	+	1	36	ATG	TGA	0	0	
mORF+_2507604	2507604	2507648	+	3	45	TTG	TAG	0	0	
mORF+_2507652	2507652	2508908	+	3	1257	ATG	TAG	0	0	
mORF+_2507707	2507707	2507733	+	1	27	TTG	TGA	0	0	
mORF+_2507734	2507734	2507742	+	1	9	TTG	TGA	0	0	
mORF+_2507833	2507833	2507841	+	1	9	GTG	TAA	0	0	
mORF+_2507854	2507854	2507922	+	1	69	TTG	TGA	0	0	
mORF+_2507983	2507983	2508024	+	1	42	TTG	TGA	0	0	
mORF+_2508040	2508040	2508102	+	1	63	TTG	TAG	0	0	
mORF+_2508089	2508089	2508184	+	2	96	GTG	TAG	0	0	
mORF+_2508130	2508130	2508156	+	1	27	TTG	TGA	0	0	
mORF+_2508175	2508175	2508222	+	1	48	ATG	TAA	0	0	
mORF+_2508197	2508197	2508496	+	2	300	ATG	TAA	0	0	
mORF+_2508238	2508238	2508312	+	1	75	GTG	TGA	0	0	
mORF+_2508328	2508328	2508402	+	1	75	GTG	TGA	0	0	
mORF+_2508439	2508439	2508570	+	1	132	TTG	TAA	0	0	
mORF+_2508577	2508577	2508657	+	1	81	TTG	TAG	0	0	
mORF+_2508670	2508670	2508702	+	1	33	ATG	TAA	0	0	
mORF+_2508710	2508710	2508853	+	2	144	TTG	TAA	0	0	
mORF+_2508748	2508748	2508759	+	1	12	ATG	TAA	0	0	
mORF+_2508781	2508781	2508846	+	1	66	TTG	TAG	0	0	
mORF+_2508915	2508915	2508935	+	3	21	ATG	TAA	0	0	
mORF+_2508941	2508941	2508973	+	2	33	ATG	TAA	0	0	
mORF+_2508976	2508976	2508984	+	1	9	TTG	TAA	0	0	
mORF+_2509007	2509007	2509090	+	2	84	GTG	TGA	0	0	
mORF+_2509023	2509023	2509349	+	3	327	ATG	TAA	0	0	
mORF+_2509072	2509072	2509431	+	1	360	TTG	TAG	2	42	pORF+_2509072
mORF+_2509202	2509202	2509231	+	2	30	GTG	TGA	0	0	
mORF+_2509362	2509362	2509379	+	3	18	ATG	TGA	0	0	
mORF+_2509379	2509379	2509390	+	2	12	ATG	TAG	0	0	
mORF+_2509466	2509466	2509663	+	2	198	GTG	TAA	0	0	
mORF+_2509473	2509473	2509673	+	3	201	ATG	TGA	0	0	
mORF+_2509630	2509630	2509680	+	1	51	GTG	TAA	0	0	
mORF+_2509690	2509690	2509716	+	1	27	GTG	TGA	0	0	
mORF+_2509713	2509713	2509769	+	3	57	ATG	TGA	0	0	
mORF+_2509723	2509723	2509740	+	1	18	ATG	TGA	0	0	
mORF+_2509766	2509766	2509825	+	2	60	ATG	TGA	0	0	
mORF+_2509776	2509776	2509904	+	3	129	ATG	TAA	0	0	
mORF+_2509807	2509807	2509965	+	1	159	GTG	TAG	0	0	
mORF+_2509874	2509874	2509882	+	2	9	GTG	TAA	0	0	
mORF+_2509889	2509889	2510062	+	2	174	TTG	TAA	0	0	
mORF+_2509980	2509980	2510036	+	3	57	TTG	TAA	0	0	
mORF+_2510063	2510063	2510119	+	2	57	ATG	TAA	0	0	
mORF+_2510070	2510070	2510090	+	3	21	GTG	TAA	0	0	
mORF+_2510223	2510223	2510228	+	3	6	ATG	TAA	0	0	
mORF+_2510279	2510279	2510302	+	2	24	TTG	TAA	0	0	
mORF+_2510361	2510361	2510432	+	3	72	ATG	TGA	0	0	
mORF+_2510407	2510407	2510421	+	1	15	TTG	TAA	0	0	
mORF+_2510465	2510465	2510512	+	2	48	GTG	TAG	0	0	
mORF+_2510499	2510499	2510531	+	3	33	GTG	TGA	0	0	
mORF+_2510550	2510550	2510579	+	3	30	TTG	TGA	0	0	
mORF+_2510607	2510607	2510636	+	3	30	TTG	TAA	0	0	
mORF+_2510649	2510649	2510720	+	3	72	ATG	TAG	0	0	
mORF+_2510668	2510668	2510748	+	1	81	ATG	TAG	0	0	
mORF+_2510730	2510730	2510741	+	3	12	TTG	TAA	0	0	
mORF+_2510732	2510732	2510785	+	2	54	GTG	TGA	0	0	
mORF+_2510752	2510752	2510802	+	1	51	TTG	TAA	0	0	

mORF_+_2510757	2510757	2510816	+	3	60	ATG	TGA	0	0	
mORF_+_2510803	2510803	2510841	+	1	39	ATG	TGA	0	0	
mORF_+_2510810	2510810	2510902	+	2	93	GTG	TAA	0	0	
mORF_+_2510838	2510838	2510864	+	3	27	ATG	TGA	0	0	
mORF_+_2510865	2510865	2510927	+	3	63	ATG	TAG	0	0	
mORF_+_2510933	2510933	2511040	+	2	108	ATG	TAA	0	0	
mORF_+_2510937	2510937	2510957	+	3	21	ATG	TGA	0	0	
mORF_+_2510982	2510982	2511008	+	3	27	GTG	TAA	0	0	
mORF_+_2510986	2510986	2511021	+	1	36	GTG	TAG	0	0	
mORF_+_2511025	2511025	2512266	+	1	1242	GTG	TAA	3	5	pORF_+_2511025
mORF_+_2511053	2511053	2511127	+	2	75	TTG	TAA	0	0	
mORF_+_2511158	2511158	2511208	+	2	51	ATG	TGA	0	0	
mORF_+_2511195	2511195	2511290	+	3	96	GTG	TAA	0	0	
mORF_+_2511218	2511218	2511226	+	2	9	TTG	TAG	0	0	
mORF_+_2511272	2511272	2511310	+	2	39	TTG	TGA	0	0	
mORF_+_2511311	2511311	2511340	+	2	30	ATG	TGA	0	0	
mORF_+_2511348	2511348	2511476	+	3	129	GTG	TAA	0	0	
mORF_+_2511425	2511425	2511493	+	2	69	TTG	TGA	0	0	
mORF_+_2511518	2511518	2511622	+	2	105	TTG	TGA	0	0	
mORF_+_2511647	2511647	2511664	+	2	18	TTG	TGA	0	0	
mORF_+_2511710	2511710	2511835	+	2	126	GTG	TGA	0	0	
mORF_+_2511836	2511836	2511853	+	2	18	TTG	TGA	0	0	
mORF_+_2511875	2511875	2511958	+	2	84	TTG	TGA	0	0	
mORF_+_2511951	2511951	2511977	+	3	27	ATG	TGA	0	0	
mORF_+_2511962	2511962	2512039	+	2	78	GTG	TGA	0	0	
mORF_+_2512055	2512055	2512162	+	2	108	TTG	TGA	0	0	
mORF_+_2512163	2512163	2512201	+	2	39	ATG	TGA	0	0	
mORF_+_2512229	2512229	2512309	+	2	81	GTG	TAA	0	0	
mORF_+_2512318	2512318	2512335	+	1	18	TTG	TGA	0	0	
mORF_+_2512320	2512320	2512340	+	3	21	GTG	TGA	0	0	
mORF_+_2512337	2512337	2512345	+	2	9	ATG	TAA	0	0	
mORF_+_2512347	2512347	2513465	+	3	1119	GTG	TAA	3	9	pORF_+_2512347
mORF_+_2512396	2512396	2512446	+	1	51	TTG	TAA	0	0	
mORF_+_2512465	2512465	2512587	+	1	123	GTG	TGA	0	0	
mORF_+_2512538	2512538	2512555	+	2	18	ATG	TGA	0	0	
mORF_+_2512600	2512600	2512794	+	1	195	ATG	TAA	0	0	
mORF_+_2512664	2512664	2512735	+	2	72	TTG	TGA	0	0	
mORF_+_2512736	2512736	2512759	+	2	24	ATG	TGA	0	0	
mORF_+_2512828	2512828	2512959	+	1	132	TTG	TAA	0	0	
mORF_+_2512886	2512886	2512918	+	2	33	ATG	TGA	0	0	
mORF_+_2512978	2512978	2512986	+	1	9	TTG	TGA	0	0	
mORF_+_2513009	2513009	2513017	+	2	9	TTG	TAA	0	0	
mORF_+_2513023	2513023	2513037	+	1	15	GTG	TAA	0	0	
mORF_+_2513092	2513092	2513124	+	1	33	TTG	TAA	0	0	
mORF_+_2513203	2513203	2513217	+	1	15	ATG	TAA	0	0	
mORF_+_2513233	2513233	2513397	+	1	165	ATG	TAA	0	0	
mORF_+_2513261	2513261	2513287	+	2	27	TTG	TGA	0	0	
mORF_+_2513363	2513363	2513377	+	2	15	GTG	TAA	0	0	
mORF_+_2513398	2513398	2513409	+	1	12	TTG	TAA	0	0	
mORF_+_2513440	2513440	2513628	+	1	189	GTG	TAG	0	0	
mORF_+_2513472	2513472	2513579	+	3	108	GTG	TAA	0	0	
mORF_+_2513519	2513519	2513536	+	2	18	GTG	TGA	0	0	
mORF_+_2513634	2513634	2513642	+	3	9	ATG	TAA	0	0	
mORF_+_2513676	2513676	2513807	+	3	132	ATG	TAA	0	0	
mORF_+_2513704	2513704	2513736	+	1	33	TTG	TAG	0	0	
mORF_+_2513749	2513749	2513784	+	1	36	TTG	TGA	0	0	
mORF_+_2513808	2513808	2513843	+	3	36	TTG	TGA	0	0	
mORF_+_2513834	2513834	2513911	+	2	78	GTG	TAG	0	0	
mORF_+_2513912	2513912	2514055	+	2	144	TTG	TGA	0	0	
mORF_+_2513962	2513962	2514120	+	1	159	ATG	TAA	0	0	
mORF_+_2514107	2514107	2514226	+	2	120	GTG	TGA	0	0	
mORF_+_2514157	2514157	2514360	+	1	204	GTG	TAA	0	0	
mORF_+_2514159	2514159	2514215	+	3	57	GTG	TAA	0	0	

mORF_+_2514260	2514260	2514301	+	2	42	ATG	TAA	0	0	
mORF_+_2514314	2514314	2514337	+	2	24	TTG	TAG	0	0	
mORF_+_2514324	2514324	2514398	+	3	75	TTG	TAG	0	0	
mORF_+_2514365	2514365	2514448	+	2	84	GTG	TGA	0	0	
mORF_+_2514445	2514445	2514483	+	1	39	ATG	TAA	0	0	
mORF_+_2514453	2514453	2514602	+	3	150	GTG	TAA	0	0	
mORF_+_2514499	2514499	2514648	+	1	150	TTG	TAA	0	0	
mORF_+_2514566	2514566	2514577	+	2	12	TTG	TGA	0	0	
mORF_+_2514596	2514596	2514673	+	2	78	ATG	TGA	0	0	
mORF_+_2514670	2514670	2514723	+	1	54	TTG	TGA	0	0	
mORF_+_2514720	2514720	2514770	+	3	51	TTG	TAA	0	0	
mORF_+_2514733	2514733	2514750	+	1	18	GTG	TAA	0	0	
mORF_+_2514757	2514757	2514855	+	1	99	ATG	TAG	0	0	
mORF_+_2514785	2514785	2514919	+	2	135	ATG	TGA	0	0	
mORF_+_2514886	2514886	2515047	+	1	162	ATG	TGA	0	0	
mORF_+_2514923	2514923	2514937	+	2	15	ATG	TAG	0	0	
mORF_+_2514978	2514978	2515061	+	3	84	ATG	TGA	0	0	
mORF_+_2515022	2515022	2515027	+	2	6	TTG	TAA	0	0	
mORF_+_2515058	2515058	2515078	+	2	21	GTG	TAG	0	0	
mORF_+_2515106	2515106	2515132	+	2	27	ATG	TAA	0	0	
mORF_+_2515158	2515158	2515211	+	3	54	GTG	TAA	0	0	
mORF_+_2515160	2515160	2515303	+	2	144	GTG	TAG	0	0	
mORF_+_2515212	2515212	2515298	+	3	87	ATG	TGA	0	0	
mORF_+_2515273	2515273	2515347	+	1	75	GTG	TAG	0	0	
mORF_+_2515313	2515313	2515321	+	2	9	ATG	TAA	0	0	
mORF_+_2515334	2515334	2515516	+	2	183	GTG	TAA	0	0	
mORF_+_2515486	2515486	2515545	+	1	60	TTG	TAA	0	0	
mORF_+_2515548	2515548	2515592	+	3	45	TTG	TGA	0	0	
mORF_+_2515589	2515589	2515618	+	2	30	ATG	TGA	0	0	
mORF_+_2515615	2515615	2515653	+	1	39	ATG	TAA	0	0	
mORF_+_2515631	2515631	2515735	+	2	105	TTG	TAA	0	0	
mORF_+_2515692	2515692	2515748	+	3	57	TTG	TAA	0	0	
mORF_+_2515741	2515741	2515776	+	1	36	ATG	TAG	0	0	
mORF_+_2515748	2515748	2515780	+	2	33	ATG	TGA	0	0	
mORF_+_2515755	2515755	2515766	+	3	12	GTG	TAA	0	0	
mORF_+_2515793	2515793	2515984	+	2	192	GTG	TAA	0	0	
mORF_+_2515809	2515809	2515814	+	3	6	GTG	TGA	0	0	
mORF_+_2515840	2515840	2515899	+	1	60	ATG	TAA	0	0	
mORF_+_2515941	2515941	2516189	+	3	249	TTG	TAA	0	0	
mORF_+_2516042	2516042	2516074	+	2	33	TTG	TAA	0	0	
mORF_+_2516062	2516062	2516127	+	1	66	TTG	TGA	0	0	
mORF_+_2516161	2516161	2516262	+	1	102	TTG	TAA	0	0	
mORF_+_2516168	2516168	2516242	+	2	75	GTG	TGA	0	0	
mORF_+_2516266	2516266	2516277	+	1	12	TTG	TGA	0	0	
mORF_+_2516274	2516274	2516294	+	3	21	TTG	TGA	0	0	
mORF_+_2516291	2516291	2516347	+	2	57	ATG	TGA	0	0	
mORF_+_2516308	2516308	2516334	+	1	27	GTG	TAG	0	0	
mORF_+_2516322	2516322	2516363	+	3	42	TTG	TGA	0	0	
mORF_+_2516360	2516360	2516419	+	2	60	ATG	TAA	0	0	
mORF_+_2516370	2516370	2516432	+	3	63	TTG	TAA	0	0	
mORF_+_2516401	2516401	2516445	+	1	45	ATG	TAA	0	0	
mORF_+_2516469	2516469	2516492	+	3	24	TTG	TGA	0	0	
mORF_+_2516474	2516474	2516833	+	2	360	ATG	TAA	2	7	pORF_+_2516474
mORF_+_2516499	2516499	2516516	+	3	18	ATG	TGA	0	0	
mORF_+_2516545	2516545	2516625	+	1	81	ATG	TGA	0	0	
mORF_+_2516595	2516595	2516723	+	3	129	GTG	TGA	0	0	
mORF_+_2516748	2516748	2516813	+	3	66	TTG	TAG	0	0	
mORF_+_2516835	2516835	2517227	+	3	393	ATG	TAA	0	0	
mORF_+_2516879	2516879	2516896	+	2	18	ATG	TAA	0	0	
mORF_+_2516887	2516887	2516958	+	1	72	GTG	TGA	0	0	
mORF_+_2516912	2516912	2517034	+	2	123	TTG	TAA	0	0	
mORF_+_2516968	2516968	2517048	+	1	81	GTG	TGA	0	0	
mORF_+_2517067	2517067	2517126	+	1	60	TTG	TAG	0	0	

mORF_+_2517142	2517142	2517231	+	1	90	TTG	TAA	0	0
mORF_+_2517319	2517319	2517360	+	1	42	TTG	TGA	0	0
mORF_+_2517353	2517353	2517367	+	2	15	TTG	TAA	0	0
mORF_+_2517357	2517357	2517728	+	3	372	GTG	TAA	0	0
mORF_+_2517374	2517374	2517469	+	2	96	GTG	TAG	0	0
mORF_+_2517514	2517514	2517540	+	1	27	TTG	TGA	0	0
mORF_+_2517620	2517620	2517736	+	2	117	GTG	TAG	0	0
mORF_+_2517640	2517640	2517732	+	1	93	TTG	TGA	0	0
mORF_+_2517729	2517729	2518829	+	3	1101	GTG	TGA	0	0
mORF_+_2517763	2517763	2517768	+	1	6	ATG	TAG	0	0
mORF_+_2517790	2517790	2517876	+	1	87	TTG	TGA	0	0
mORF_+_2517917	2517917	2517961	+	2	45	GTG	TGA	0	0
mORF_+_2517976	2517976	2518026	+	1	51	TTG	TAA	0	0
mORF_+_2518057	2518057	2518155	+	1	99	ATG	TAG	0	0
mORF_+_2518070	2518070	2518084	+	2	15	GTG	TGA	0	0
mORF_+_2518157	2518157	2518183	+	2	27	TTG	TAA	0	0
mORF_+_2518204	2518204	2518233	+	1	30	TTG	TGA	0	0
mORF_+_2518414	2518414	2518434	+	1	21	GTG	TGA	0	0
mORF_+_2518447	2518447	2518452	+	1	6	TTG	TAG	0	0
mORF_+_2518465	2518465	2518476	+	1	12	TTG	TAG	0	0
mORF_+_2518513	2518513	2518623	+	1	111	ATG	TAA	0	0
mORF_+_2518604	2518604	2518687	+	2	84	GTG	TGA	0	0
mORF_+_2518684	2518684	2518713	+	1	30	TTG	TAG	0	0
mORF_+_2518718	2518718	2518750	+	2	33	ATG	TAA	0	0
mORF_+_2518751	2518751	2518792	+	2	42	GTG	TAG	0	0
mORF_+_2518817	2518817	2518921	+	2	105	TTG	TGA	0	0
mORF_+_2518834	2518834	2518899	+	1	66	TTG	TAG	0	0
mORF_+_2518903	2518903	2518911	+	1	9	ATG	TGA	0	0
mORF_+_2518908	2518908	2518934	+	3	27	TTG	TAA	0	0
mORF_+_2518918	2518918	2518962	+	1	45	TTG	TAG	0	0
mORF_+_2518934	2518934	2519056	+	2	123	ATG	TAG	0	0
mORF_+_2519037	2519037	2519042	+	3	6	ATG	TAG	0	0
mORF_+_2519064	2519064	2519078	+	3	15	TTG	TGA	0	0
mORF_+_2519071	2519071	2519082	+	1	12	GTG	TAG	0	0
mORF_+_2519075	2519075	2519164	+	2	90	GTG	TAA	0	0
mORF_+_2519170	2519170	2519175	+	1	6	TTG	TAA	0	0
mORF_+_2519178	2519178	2519183	+	3	6	ATG	TGA	0	0
mORF_+_2519180	2519180	2519200	+	2	21	GTG	TGA	0	0
mORF_+_2519193	2519193	2519204	+	3	12	GTG	TAG	0	0
mORF_+_2519197	2519197	2519424	+	1	228	GTG	TGA	0	0
mORF_+_2519351	2519351	2519356	+	2	6	ATG	TAA	0	0
mORF_+_2519421	2519421	2519429	+	3	9	TTG	TGA	0	0
mORF_+_2519426	2519426	2519512	+	2	87	TTG	TAA	0	0
mORF_+_2519536	2519536	2519565	+	1	30	TTG	TGA	0	0
mORF_+_2519550	2519550	2519579	+	3	30	TTG	TAG	0	0
mORF_+_2519558	2519558	2519686	+	2	129	TTG	TAA	0	0
mORF_+_2519620	2519620	2519643	+	1	24	GTG	TAA	0	0
mORF_+_2519665	2519665	2519709	+	1	45	GTG	TGA	0	0
mORF_+_2519697	2519697	2519750	+	3	54	ATG	TAG	0	0
mORF_+_2519741	2519741	2519839	+	2	99	TTG	TGA	0	0
mORF_+_2519743	2519743	2519769	+	1	27	GTG	TGA	0	0
mORF_+_2519766	2519766	2519888	+	3	123	GTG	TAA	0	0
mORF_+_2519836	2519836	2519904	+	1	69	GTG	TAA	0	0
mORF_+_2519940	2519940	2519960	+	3	21	GTG	TGA	0	0
mORF_+_2519947	2519947	2520015	+	1	69	ATG	TAA	0	0
mORF_+_2519957	2519957	2520007	+	2	51	ATG	TAA	0	0
mORF_+_2520025	2520025	2520129	+	1	105	GTG	TAG	0	0
mORF_+_2520086	2520086	2520409	+	2	324	TTG	TAA	0	0
mORF_+_2520178	2520178	2520258	+	1	81	TTG	TAG	0	0
mORF_+_2520297	2520297	2520359	+	3	63	TTG	TGA	0	0
mORF_+_2520307	2520307	2520339	+	1	33	GTG	TAA	0	0
mORF_+_2520381	2520381	2520398	+	3	18	ATG	TGA	0	0
mORF_+_2520431	2520431	2520505	+	2	75	ATG	TAA	0	0

mORF_+_2520506	2520506	2520535	+	2	30	GTG	TAA	0	0
mORF_+_2520542	2520542	2520550	+	2	9	ATG	TAA	0	0
mORF_+_2520589	2520589	2520705	+	1	117	ATG	TAA	0	0
mORF_+_2520614	2520614	2520628	+	2	15	TTG	TAG	0	0
mORF_+_2520641	2520641	2520646	+	2	6	TTG	TAA	0	0
mORF_+_2520754	2520754	2521098	+	1	345	ATG	TGA	0	0
mORF_+_2520908	2520908	2521057	+	2	150	ATG	TAA	0	0
mORF_+_2520933	2520933	2520962	+	3	30	ATG	TAA	0	0
mORF_+_2521044	2521044	2521085	+	3	42	ATG	TAA	0	0
mORF_+_2521092	2521092	2521160	+	3	69	TTG	TGA	0	0
mORF_+_2521157	2521157	2521486	+	2	330	ATG	TAA	0	0
mORF_+_2521191	2521191	2521199	+	3	9	ATG	TAG	0	0
mORF_+_2521227	2521227	2521331	+	3	105	GTG	TAA	0	0
mORF_+_2521300	2521300	2521305	+	1	6	ATG	TAG	0	0
mORF_+_2521333	2521333	2521503	+	1	171	TTG	TGA	0	0
mORF_+_2521383	2521383	2521394	+	3	12	GTG	TAA	0	0
mORF_+_2521434	2521434	2521580	+	3	147	ATG	TGA	0	0
mORF_+_2521546	2521546	2521674	+	1	129	ATG	TAA	0	0
mORF_+_2521577	2521577	2521657	+	2	81	ATG	TAA	0	0
mORF_+_2521703	2521703	2521756	+	2	54	TTG	TAA	0	0
mORF_+_2521746	2521746	2521829	+	3	84	ATG	TGA	0	0
mORF_+_2521780	2521780	2521989	+	1	210	GTG	TAA	0	0
mORF_+_2521790	2521790	2521879	+	2	90	ATG	TAA	0	0
mORF_+_2521883	2521883	2521909	+	2	27	ATG	TGA	0	0
mORF_+_2521922	2521922	2521927	+	2	6	ATG	TAA	0	0
mORF_+_2522000	2522000	2522098	+	2	99	ATG	TAA	0	0
mORF_+_2522058	2522058	2522153	+	3	96	TTG	TGA	0	0
mORF_+_2522077	2522077	2522412	+	1	336	TTG	TAG	0	0
mORF_+_2522150	2522150	2522191	+	2	42	GTG	TAA	0	0
mORF_+_2522223	2522223	2522234	+	3	12	ATG	TGA	0	0
mORF_+_2522283	2522283	2522387	+	3	105	TTG	TAA	0	0
mORF_+_2522390	2522390	2522458	+	2	69	GTG	TAA	0	0
mORF_+_2522482	2522482	2522496	+	1	15	ATG	TGA	0	0
mORF_+_2522493	2522493	2522570	+	3	78	ATG	TAG	0	0
mORF_+_2522504	2522504	2522590	+	2	87	ATG	TAA	0	0
mORF_+_2522554	2522554	2522637	+	1	84	TTG	TAG	0	0
mORF_+_2522600	2522600	2522614	+	2	15	TTG	TAA	0	0
mORF_+_2522640	2522640	2522696	+	3	57	ATG	TAA	0	0
mORF_+_2522706	2522706	2522807	+	3	102	ATG	TAA	0	0
mORF_+_2522756	2522756	2522812	+	2	57	TTG	TAA	0	0
mORF_+_2522822	2522822	2522830	+	2	9	GTG	TGA	0	0
mORF_+_2522827	2522827	2522844	+	1	18	GTG	TAA	0	0
mORF_+_2522848	2522848	2522880	+	1	33	TTG	TGA	0	0
mORF_+_2522877	2522877	2522993	+	3	117	ATG	TAG	0	0
mORF_+_2522921	2522921	2522944	+	2	24	GTG	TAG	0	0
mORF_+_2522950	2522950	2523042	+	1	93	TTG	TAA	0	0
mORF_+_2523051	2523051	2523077	+	3	27	TTG	TAA	0	0
mORF_+_2523082	2523082	2523222	+	1	141	ATG	TAA	0	0
mORF_+_2523144	2523144	2523152	+	3	9	ATG	TGA	0	0
mORF_+_2523149	2523149	2523913	+	2	765	ATG	TGA	0	0
mORF_+_2523201	2523201	2523524	+	3	324	TTG	TGA	0	0
mORF_+_2523349	2523349	2523393	+	1	45	TTG	TAA	0	0
mORF_+_2523580	2523580	2523606	+	1	27	TTG	TAA	0	0
mORF_+_2523600	2523600	2523779	+	3	180	TTG	TGA	0	0
mORF_+_2523780	2523780	2523887	+	3	108	ATG	TAA	0	0
mORF_+_2523796	2523796	2523852	+	1	57	GTG	TGA	0	0
mORF_+_2523914	2523914	2523961	+	2	48	TTG	TGA	0	0
mORF_+_2523998	2523998	2524234	+	2	237	TTG	TGA	0	0
mORF_+_2524047	2524047	2524100	+	3	54	GTG	TAA	0	0
mORF_+_2524116	2524116	2524163	+	3	48	GTG	TGA	0	0
mORF_+_2524204	2524204	2524281	+	1	78	ATG	TGA	0	0
mORF_+_2524241	2524241	2524288	+	2	48	TTG	TAA	0	0
mORF_+_2524317	2524317	2524436	+	3	120	ATG	TGA	0	0

mORF_+_2524363	2524363	2524857	+	1	495	ATG	TAA	0	0	
mORF_+_2524433	2524433	2524513	+	2	81	ATG	TGA	0	0	
mORF_+_2524544	2524544	2524750	+	2	207	ATG	TGA	0	0	
mORF_+_2524841	2524841	2524873	+	2	33	GTG	TAA	0	0	
mORF_+_2524858	2524858	2524866	+	1	9	TTG	TAA	0	0	
mORF_+_2524890	2524890	2524943	+	3	54	ATG	TAG	0	0	
mORF_+_2524894	2524894	2524971	+	1	78	ATG	TGA	0	0	
mORF_+_2524898	2524898	2524906	+	2	9	ATG	TAA	0	0	
mORF_+_2524968	2524968	2525966	+	3	999	ATG	TAA	2	5	pORF_+_2524968
mORF_+_2525068	2525068	2525079	+	1	12	TTG	TGA	0	0	
mORF_+_2525092	2525092	2525181	+	1	90	TTG	TAA	0	0	
mORF_+_2525174	2525174	2525341	+	2	168	GTG	TAA	0	0	
mORF_+_2525215	2525215	2525244	+	1	30	GTG	TAA	0	0	
mORF_+_2525245	2525245	2525421	+	1	177	ATG	TGA	0	0	
mORF_+_2525357	2525357	2525452	+	2	96	TTG	TGA	0	0	
mORF_+_2525425	2525425	2525697	+	1	273	ATG	TGA	0	0	
mORF_+_2525516	2525516	2525527	+	2	12	GTG	TGA	0	0	
mORF_+_2525549	2525549	2525566	+	2	18	ATG	TGA	0	0	
mORF_+_2525698	2525698	2525703	+	1	6	TTG	TAG	0	0	
mORF_+_2525746	2525746	2525832	+	1	87	ATG	TGA	0	0	
mORF_+_2525765	2525765	2525959	+	2	195	TTG	TAA	0	0	
mORF_+_2525887	2525887	2526015	+	1	129	GTG	TAA	0	0	
mORF_+_2525993	2525993	2526037	+	2	45	TTG	TAG	0	0	
mORF_+_2526024	2526024	2526374	+	3	351	GTG	TAA	0	0	
mORF_+_2526220	2526220	2526456	+	1	237	ATG	TGA	0	0	
mORF_+_2526453	2526453	2527094	+	3	642	GTG	TAA	0	0	
mORF_+_2526481	2526481	2526519	+	1	39	ATG	TGA	0	0	
mORF_+_2526527	2526527	2526709	+	2	183	ATG	TAA	0	0	
mORF_+_2526538	2526538	2526663	+	1	126	ATG	TAG	0	0	
mORF_+_2526679	2526679	2526819	+	1	141	GTG	TGA	0	0	
mORF_+_2526719	2526719	2526769	+	2	51	GTG	TGA	0	0	
mORF_+_2526823	2526823	2527212	+	1	390	ATG	TGA	0	0	
mORF_+_2527122	2527122	2527127	+	3	6	GTG	TAA	0	0	
mORF_+_2527130	2527130	2527189	+	2	60	TTG	TAA	1	2	pORF_+_2527130
mORF_+_2527158	2527158	2527322	+	3	165	ATG	TGA	0	0	
mORF_+_2527313	2527313	2527327	+	2	15	GTG	TGA	0	0	
mORF_+_2527324	2527324	2527389	+	1	66	TTG	TGA	0	0	
mORF_+_2527386	2527386	2527472	+	3	87	GTG	TAA	0	0	
mORF_+_2527482	2527482	2527583	+	3	102	ATG	TGA	0	0	
mORF_+_2527537	2527537	2527575	+	1	39	GTG	TGA	0	0	
mORF_+_2527580	2527580	2527609	+	2	30	GTG	TAG	0	0	
mORF_+_2527627	2527627	2528022	+	1	396	GTG	TGA	0	0	
mORF_+_2527719	2527719	2527811	+	3	93	GTG	TAA	0	0	
mORF_+_2527955	2527955	2527990	+	2	36	GTG	TGA	0	0	
mORF_+_2527974	2527974	2528192	+	3	219	ATG	TGA	0	0	
mORF_+_2528056	2528056	2528133	+	1	78	TTG	TGA	0	0	
mORF_+_2528189	2528189	2528263	+	2	75	TTG	TAA	0	0	
mORF_+_2528211	2528211	2528288	+	3	78	ATG	TGA	0	0	
mORF_+_2528264	2528264	2528347	+	2	84	GTG	TGA	0	0	
mORF_+_2528383	2528383	2528532	+	1	150	ATG	TAA	0	0	
mORF_+_2528408	2528408	2528434	+	2	27	TTG	TAA	0	0	
mORF_+_2528456	2528456	2528563	+	2	108	GTG	TGA	0	0	
mORF_+_2528560	2528560	2528637	+	1	78	ATG	TAG	0	0	
mORF_+_2528591	2528591	2528608	+	2	18	ATG	TGA	0	0	
mORF_+_2528609	2528609	2528650	+	2	42	ATG	TGA	0	0	
mORF_+_2528647	2528647	2528793	+	1	147	GTG	TGA	0	0	
mORF_+_2528666	2528666	2528866	+	2	201	ATG	TGA	0	0	
mORF_+_2528736	2528736	2529029	+	3	294	GTG	TAG	0	0	
mORF_+_2528794	2528794	2529120	+	1	327	ATG	TGA	0	0	
mORF_+_2529117	2529117	2529155	+	3	39	TTG	TAG	0	0	
mORF_+_2529187	2529187	2529198	+	1	12	ATG	TAA	0	0	
mORF_+_2529206	2529206	2529349	+	2	144	ATG	TAA	0	0	
mORF_+_2529267	2529267	2529275	+	3	9	TTG	TAA	0	0	

mORF_+_2529280	2529280	2529309	+	1	30	TTG	TAA	0	0	
mORF_+_2529316	2529316	2529369	+	1	54	TTG	TAG	0	0	
mORF_+_2529370	2529370	2529774	+	1	405	ATG	TAA	0	0	
mORF_+_2529378	2529378	2529410	+	3	33	GTG	TAA	0	0	
mORF_+_2529459	2529459	2529482	+	3	24	TTG	TGA	0	0	
mORF_+_2529485	2529485	2530246	+	2	762	ATG	TAA	2	2	pORF_+_2529485
mORF_+_2529531	2529531	2529611	+	3	81	TTG	TGA	0	0	
mORF_+_2529648	2529648	2529671	+	3	24	ATG	TGA	0	0	
mORF_+_2529747	2529747	2529830	+	3	84	TTG	TGA	0	0	
mORF_+_2529876	2529876	2529893	+	3	18	ATG	TGA	0	0	
mORF_+_2529901	2529901	2530008	+	1	108	ATG	TAG	0	0	
mORF_+_2529912	2529912	2529947	+	3	36	TTG	TAA	0	0	
mORF_+_2529969	2529969	2530022	+	3	54	TTG	TAG	0	0	
mORF_+_2530033	2530033	2530053	+	1	21	TTG	TAA	0	0	
mORF_+_2530119	2530119	2530130	+	3	12	TTG	TAA	0	0	
mORF_+_2530179	2530179	2530268	+	3	90	TTG	TAA	0	0	
mORF_+_2530186	2530186	2530227	+	1	42	TTG	TAA	0	0	
mORF_+_2530237	2530237	2530281	+	1	45	GTG	TGA	0	0	
mORF_+_2530274	2530274	2530438	+	2	165	TTG	TAA	0	0	
mORF_+_2530278	2530278	2530346	+	3	69	GTG	TAG	0	0	
mORF_+_2530387	2530387	2530434	+	1	48	ATG	TGA	0	0	
mORF_+_2530431	2530431	2531402	+	3	972	ATG	TAA	168	12269	pORF_+_2530431
mORF_+_2530444	2530444	2530461	+	1	18	TTG	TGA	0	0	
mORF_+_2530556	2530556	2530621	+	2	66	GTG	TGA	0	0	
mORF_+_2530567	2530567	2530578	+	1	12	GTG	TGA	0	0	
mORF_+_2530585	2530585	2530608	+	1	24	ATG	TGA	0	0	
mORF_+_2530618	2530618	2530671	+	1	54	TTG	TAG	0	0	
mORF_+_2530723	2530723	2530743	+	1	21	TTG	TGA	0	0	
mORF_+_2530753	2530753	2530770	+	1	18	GTG	TGA	0	0	
mORF_+_2530777	2530777	2530791	+	1	15	GTG	TGA	0	0	
mORF_+_2530819	2530819	2530977	+	1	159	TTG	TGA	0	0	
mORF_+_2530913	2530913	2530939	+	2	27	ATG	TGA	0	0	
mORF_+_2531038	2531038	2531217	+	1	180	TTG	TGA	0	0	
mORF_+_2531236	2531236	2531277	+	1	42	TTG	TGA	0	0	
mORF_+_2531290	2531290	2531352	+	1	63	ATG	TAA	0	0	
mORF_+_2531365	2531365	2531442	+	1	78	TTG	TAG	0	0	
mORF_+_2531402	2531402	2531416	+	2	15	ATG	TAA	0	0	
mORF_+_2531443	2531443	2531571	+	1	129	GTG	TGA	0	0	
mORF_+_2531451	2531451	2531489	+	3	39	TTG	TGA	0	0	
mORF_+_2531453	2531453	2531515	+	2	63	GTG	TAA	0	0	
mORF_+_2531581	2531581	2531697	+	1	117	ATG	TAA	0	0	
mORF_+_2531586	2531586	2531606	+	3	21	TTG	TAG	0	0	
mORF_+_2531621	2531621	2531710	+	2	90	ATG	TAA	0	0	
mORF_+_2531773	2531773	2531865	+	1	93	TTG	TAA	0	0	
mORF_+_2531786	2531786	2532043	+	2	258	ATG	TAA	25	1959	pORF_+_2531786
mORF_+_2531850	2531850	2531855	+	3	6	TTG	TAA	0	0	
mORF_+_2531964	2531964	2531969	+	3	6	TTG	TGA	0	0	
mORF_+_2532006	2532006	2532026	+	3	21	TTG	TGA	0	0	
mORF_+_2532088	2532088	2533815	+	1	1728	ATG	TAA	197	4600	pORF_+_2532088
mORF_+_2532158	2532158	2532220	+	2	63	TTG	TGA	0	0	
mORF_+_2532227	2532227	2532358	+	2	132	GTG	TAG	0	0	
mORF_+_2532401	2532401	2532457	+	2	57	ATG	TGA	0	0	
mORF_+_2532464	2532464	2532520	+	2	57	GTG	TGA	0	0	
mORF_+_2532548	2532548	2532577	+	2	30	ATG	TGA	0	0	
mORF_+_2532638	2532638	2532724	+	2	87	GTG	TGA	0	0	
mORF_+_2532728	2532728	2532742	+	2	15	ATG	TGA	0	0	
mORF_+_2532749	2532749	2532757	+	2	9	ATG	TAA	0	0	
mORF_+_2532794	2532794	2532856	+	2	63	TTG	TGA	0	0	
mORF_+_2532900	2532900	2532908	+	3	9	ATG	TAA	0	0	
mORF_+_2532911	2532911	2533123	+	2	213	TTG	TGA	0	0	
mORF_+_2533056	2533056	2533187	+	3	132	GTG	TAG	0	0	
mORF_+_2533223	2533223	2533264	+	2	42	GTG	TGA	0	0	
mORF_+_2533274	2533274	2533372	+	2	99	TTG	TAA	0	0	

mORF_+_2533400	2533400	2533414	+	2	15	TTG	TAG	0	0	
mORF_+_2533424	2533424	2533456	+	2	33	TTG	TAA	0	0	
mORF_+_2533475	2533475	2533495	+	2	21	TTG	TGA	0	0	
mORF_+_2533553	2533553	2533663	+	2	111	TTG	TGA	0	0	
mORF_+_2533578	2533578	2533598	+	3	21	ATG	TGA	0	0	
mORF_+_2533718	2533718	2533732	+	2	15	ATG	TAG	0	0	
mORF_+_2533745	2533745	2533771	+	2	27	TTG	TAA	0	0	
mORF_+_2533793	2533793	2533846	+	2	54	TTG	TAG	0	0	
mORF_+_2533824	2533824	2533877	+	3	54	ATG	TGA	0	0	
mORF_+_2533856	2533856	2534365	+	2	510	ATG	TAA	80	4353	pORF_+_2533856
mORF_+_2533917	2533917	2534048	+	3	132	TTG	TAG	0	0	
mORF_+_2534058	2534058	2534153	+	3	96	TTG	TGA	0	0	
mORF_+_2534175	2534175	2534198	+	3	24	TTG	TGA	0	0	
mORF_+_2534202	2534202	2534264	+	3	63	TTG	TGA	0	0	
mORF_+_2534271	2534271	2534306	+	3	36	TTG	TGA	0	0	
mORF_+_2534334	2534334	2534465	+	3	132	GTG	TAG	0	0	
mORF_+_2534369	2534369	2534380	+	2	12	TTG	TGA	0	0	
mORF_+_2534377	2534377	2534541	+	1	165	GTG	TGA	0	0	
mORF_+_2534384	2534384	2534515	+	2	132	ATG	TAA	0	0	
mORF_+_2534541	2534541	2534549	+	3	9	ATG	TGA	0	0	
mORF_+_2534593	2534593	2534607	+	1	15	GTG	TGA	0	0	
mORF_+_2534597	2534597	2534695	+	2	99	ATG	TAA	0	0	
mORF_+_2534604	2534604	2534651	+	3	48	ATG	TGA	0	0	
mORF_+_2534695	2534695	2534793	+	1	99	ATG	TAA	0	0	
mORF_+_2534697	2534697	2534855	+	3	159	GTG	TAA	0	0	
mORF_+_2534819	2534819	2534902	+	2	84	TTG	TAG	0	0	
mORF_+_2534892	2534892	2534975	+	3	84	ATG	TAG	0	0	
mORF_+_2534909	2534909	2534923	+	2	15	ATG	TAG	0	0	
mORF_+_2534954	2534954	2535283	+	2	330	TTG	TGA	1	0	pORF_+_2534954
mORF_+_2534959	2534959	2535042	+	1	84	ATG	TAA	0	0	
mORF_+_2534979	2534979	2535020	+	3	42	GTG	TGA	0	0	
mORF_+_2535075	2535075	2535083	+	3	9	GTG	TAA	0	0	
mORF_+_2535093	2535093	2535182	+	3	90	TTG	TAA	0	0	
mORF_+_2535220	2535220	2535240	+	1	21	GTG	TAA	0	0	
mORF_+_2535274	2535274	2535354	+	1	81	TTG	TAA	0	0	
mORF_+_2535364	2535364	2535738	+	1	375	ATG	TAA	0	0	
mORF_+_2535378	2535378	2535437	+	3	60	TTG	TGA	0	0	
mORF_+_2535434	2535434	2535472	+	2	39	ATG	TAG	0	0	
mORF_+_2535494	2535494	2535550	+	2	57	TTG	TGA	0	0	
mORF_+_2535575	2535575	2535646	+	2	72	TTG	TGA	0	0	
mORF_+_2535665	2535665	2535697	+	2	33	ATG	TAA	0	0	
mORF_+_2535698	2535698	2535769	+	2	72	TTG	TAA	0	0	
mORF_+_2535745	2535745	2535774	+	1	30	TTG	TGA	0	0	
mORF_+_2535771	2535771	2536505	+	3	735	ATG	TAA	0	0	
mORF_+_2535796	2535796	2535825	+	1	30	ATG	TAG	0	0	
mORF_+_2535815	2535815	2535841	+	2	27	TTG	TAG	0	0	
mORF_+_2535856	2535856	2535867	+	1	12	ATG	TAG	0	0	
mORF_+_2535874	2535874	2535921	+	1	48	TTG	TGA	0	0	
mORF_+_2535914	2535914	2535934	+	2	21	GTG	TAA	0	0	
mORF_+_2535940	2535940	2535954	+	1	15	TTG	TGA	0	0	
mORF_+_2536006	2536006	2536140	+	1	135	TTG	TAA	0	0	
mORF_+_2536058	2536058	2536072	+	2	15	GTG	TGA	0	0	
mORF_+_2536085	2536085	2536099	+	2	15	GTG	TGA	0	0	
mORF_+_2536147	2536147	2536206	+	1	60	TTG	TAA	0	0	
mORF_+_2536207	2536207	2536227	+	1	21	TTG	TGA	0	0	
mORF_+_2536217	2536217	2536255	+	2	39	GTG	TGA	0	0	
mORF_+_2536252	2536252	2536281	+	1	30	TTG	TAG	0	0	
mORF_+_2536285	2536285	2536293	+	1	9	ATG	TGA	0	0	
mORF_+_2536390	2536390	2536398	+	1	9	ATG	TAG	0	0	
mORF_+_2536430	2536430	2536438	+	2	9	ATG	TGA	0	0	
mORF_+_2536435	2536435	2536470	+	1	36	GTG	TGA	0	0	
mORF_+_2536471	2536471	2536572	+	1	102	TTG	TAA	0	0	
mORF_+_2536515	2536515	2536697	+	3	183	TTG	TAA	0	0	

mORF_+_2536562	2536562	2536603	+	2	42	ATG	TAA	0	0
mORF_+_2536597	2536597	2536629	+	1	33	GTG	TAG	0	0
mORF_+_2536613	2536613	2536690	+	2	78	TTG	TAA	0	0
mORF_+_2536681	2536681	2536716	+	1	36	ATG	TAA	0	0
mORF_+_2536718	2536718	2537059	+	2	342	ATG	TGA	0	0
mORF_+_2536770	2536770	2536907	+	3	138	ATG	TGA	0	0
mORF_+_2536804	2536804	2536845	+	1	42	TTG	TGA	0	0
mORF_+_2536941	2536941	2537105	+	3	165	TTG	TGA	0	0
mORF_+_2537056	2537056	2537070	+	1	15	GTG	TGA	0	0
mORF_+_2537102	2537102	2537416	+	2	315	ATG	TAA	0	0
mORF_+_2537106	2537106	2537156	+	3	51	GTG	TAA	0	0
mORF_+_2537181	2537181	2537189	+	3	9	TTG	TGA	0	0
mORF_+_2537250	2537250	2537291	+	3	42	ATG	TAA	0	0
mORF_+_2537322	2537322	2537354	+	3	33	ATG	TAG	0	0
mORF_+_2537374	2537374	2537433	+	1	60	TTG	TAA	0	0
mORF_+_2537385	2537385	2537723	+	3	339	ATG	TAA	0	0
mORF_+_2537470	2537470	2537634	+	1	165	GTG	TGA	0	0
mORF_+_2537588	2537588	2537596	+	2	9	TTG	TAA	0	0
mORF_+_2537621	2537621	2537686	+	2	66	GTG	TAA	0	0
mORF_+_2537677	2537677	2537925	+	1	249	TTG	TAG	0	0
mORF_+_2537748	2537748	2537831	+	3	84	TTG	TAA	0	0
mORF_+_2537750	2537750	2537992	+	2	243	GTG	TGA	0	0
mORF_+_2537862	2537862	2537915	+	3	54	ATG	TAA	0	0
mORF_+_2537916	2537916	2538281	+	3	366	TTG	TAG	0	0
mORF_+_2538044	2538044	2538130	+	2	87	GTG	TAA	0	0
mORF_+_2538046	2538046	2538051	+	1	6	GTG	TAG	0	0
mORF_+_2538097	2538097	2538171	+	1	75	ATG	TGA	0	0
mORF_+_2538196	2538196	2538249	+	1	54	TTG	TGA	0	0
mORF_+_2538271	2538271	2538297	+	1	27	GTG	TGA	0	0
mORF_+_2538288	2538288	2538758	+	3	471	ATG	TGA	0	0
mORF_+_2538482	2538482	2538499	+	2	18	TTG	TGA	0	0
mORF_+_2538496	2538496	2538591	+	1	96	TTG	TAA	0	0
mORF_+_2538623	2538623	2538697	+	2	75	GTG	TAA	0	0
mORF_+_2538646	2538646	2538678	+	1	33	GTG	TGA	0	0
mORF_+_2538697	2538697	2538753	+	1	57	ATG	TGA	0	0
mORF_+_2538770	2538770	2538814	+	2	45	GTG	TAA	0	0
mORF_+_2538793	2538793	2538900	+	1	108	GTG	TAA	0	0
mORF_+_2538852	2538852	2538911	+	3	60	GTG	TGA	0	0
mORF_+_2538908	2538908	2538967	+	2	60	GTG	TAG	0	0
mORF_+_2539059	2539059	2539121	+	3	63	TTG	TGA	0	0
mORF_+_2539070	2539070	2539090	+	2	21	TTG	TAA	0	0
mORF_+_2539106	2539106	2539330	+	2	225	ATG	TAG	0	0
mORF_+_2539279	2539279	2539389	+	1	111	TTG	TAG	0	0
mORF_+_2539379	2539379	2539585	+	2	207	ATG	TAA	0	0
mORF_+_2539510	2539510	2539542	+	1	33	GTG	TAA	0	0
mORF_+_2539566	2539566	2539607	+	3	42	ATG	TGA	0	0
mORF_+_2539604	2539604	2539675	+	2	72	ATG	TAA	0	0
mORF_+_2539684	2539684	2539704	+	1	21	TTG	TAA	0	0
mORF_+_2539704	2539704	2539751	+	3	48	ATG	TGA	0	0
mORF_+_2539741	2539741	2539812	+	1	72	GTG	TAA	0	0
mORF_+_2539748	2539748	2539885	+	2	138	TTG	TAA	0	0
mORF_+_2539975	2539975	2540124	+	1	150	TTG	TAG	0	0
mORF_+_2539997	2539997	2540089	+	2	93	TTG	TAA	0	0
mORF_+_2540117	2540117	2540128	+	2	12	ATG	TGA	0	0
mORF_+_2540125	2540125	2540163	+	1	39	GTG	TAA	0	0
mORF_+_2540213	2540213	2540317	+	2	105	TTG	TAA	0	0
mORF_+_2540254	2540254	2540274	+	1	21	GTG	TAG	0	0
mORF_+_2540324	2540324	2540383	+	2	60	ATG	TGA	0	0
mORF_+_2540353	2540353	2540358	+	1	6	TTG	TAG	0	0
mORF_+_2540377	2540377	2540583	+	1	207	TTG	TGA	0	0
mORF_+_2540421	2540421	2540492	+	3	72	TTG	TAA	0	0
mORF_+_2540559	2540559	2540699	+	3	141	TTG	TAG	0	0
mORF_+_2540585	2540585	2541313	+	2	729	GTG	TAA	0	0

mORF_+_2540709	2540709	2540738	+	3	30	GTG	TAG	0	0	
mORF_+_2540757	2540757	2541068	+	3	312	TTG	TAG	0	0	
mORF_+_2541055	2541055	2541297	+	1	243	ATG	TGA	0	0	
mORF_+_2541186	2541186	2541197	+	3	12	ATG	TAG	0	0	
mORF_+_2541249	2541249	2541293	+	3	45	TTG	TAA	0	0	
mORF_+_2541294	2541294	2541356	+	3	63	GTG	TGA	0	0	
mORF_+_2541340	2541340	2541543	+	1	204	TTG	TAA	0	0	
mORF_+_2541353	2541353	2541523	+	2	171	ATG	TGA	0	0	
mORF_+_2541375	2541375	2541455	+	3	81	TTG	TAA	0	0	
mORF_+_2541550	2541550	2541582	+	1	33	TTG	TAA	0	0	
mORF_+_2541606	2541606	2541641	+	3	36	GTG	TGA	0	0	
mORF_+_2541635	2541635	2541664	+	2	30	TTG	TAA	0	0	
mORF_+_2541643	2541643	2541741	+	1	99	TTG	TAG	0	0	
mORF_+_2541669	2541669	2541686	+	3	18	TTG	TAA	0	0	
mORF_+_2541687	2541687	2541779	+	3	93	TTG	TGA	0	0	
mORF_+_2541701	2541701	2541748	+	2	48	TTG	TGA	0	0	
mORF_+_2541745	2541745	2541786	+	1	42	GTG	TAA	0	0	
mORF_+_2541776	2541776	2541799	+	2	24	ATG	TGA	0	0	
mORF_+_2541796	2541796	2541852	+	1	57	GTG	TGA	0	0	
mORF_+_2541830	2541830	2541922	+	2	93	ATG	TAA	0	0	
mORF_+_2541849	2541849	2541926	+	3	78	GTG	TAG	0	0	
mORF_+_2541883	2541883	2542107	+	1	225	GTG	TAA	0	0	
mORF_+_2542059	2542059	2542487	+	3	429	ATG	TGA	0	0	
mORF_+_2542147	2542147	2542221	+	1	75	TTG	TGA	0	0	
mORF_+_2542319	2542319	2542549	+	2	231	ATG	TAG	2	16	pORF_+_2542319
mORF_+_2542559	2542559	2542810	+	2	252	ATG	TGA	0	0	
mORF_+_2542564	2542564	2542614	+	1	51	GTG	TAA	0	0	
mORF_+_2542618	2542618	2542635	+	1	18	GTG	TGA	0	0	
mORF_+_2542626	2542626	2542694	+	3	69	TTG	TGA	0	0	
mORF_+_2542716	2542716	2542838	+	3	123	TTG	TGA	0	0	
mORF_+_2542786	2542786	2542794	+	1	9	TTG	TAG	0	0	
mORF_+_2542835	2542835	2543062	+	2	228	TTG	TAA	0	0	
mORF_+_2542840	2542840	2542863	+	1	24	TTG	TAA	0	0	
mORF_+_2542879	2542879	2543424	+	1	546	TTG	TAA	0	0	
mORF_+_2543001	2543001	2543069	+	3	69	TTG	TAG	0	0	
mORF_+_2543108	2543108	2543149	+	2	42	GTG	TAG	0	0	
mORF_+_2543165	2543165	2543269	+	2	105	TTG	TAA	0	0	
mORF_+_2543226	2543226	2543237	+	3	12	GTG	TGA	0	0	
mORF_+_2543321	2543321	2543659	+	2	339	TTG	TAA	0	0	
mORF_+_2543376	2543376	2543444	+	3	69	GTG	TAA	0	0	
mORF_+_2543449	2543449	2543523	+	1	75	TTG	TGA	0	0	
mORF_+_2543520	2543520	2543591	+	3	72	GTG	TGA	0	0	
mORF_+_2543533	2543533	2543670	+	1	138	TTG	TAA	0	0	
mORF_+_2543677	2543677	2543805	+	1	129	ATG	TGA	0	0	
mORF_+_2543700	2543700	2543705	+	3	6	GTG	TAG	0	0	
mORF_+_2543711	2543711	2543746	+	2	36	ATG	TGA	0	0	
mORF_+_2543795	2543795	2544691	+	2	897	ATG	TAA	3	13	pORF_+_2543795
mORF_+_2543802	2543802	2543813	+	3	12	TTG	TGA	0	0	
mORF_+_2543847	2543847	2543972	+	3	126	TTG	TAA	0	0	
mORF_+_2543872	2543872	2543892	+	1	21	GTG	TGA	0	0	
mORF_+_2544000	2544000	2544065	+	3	66	GTG	TGA	0	0	
mORF_+_2544043	2544043	2544141	+	1	99	ATG	TAG	0	0	
mORF_+_2544081	2544081	2544089	+	3	9	TTG	TGA	0	0	
mORF_+_2544090	2544090	2544167	+	3	78	TTG	TGA	0	0	
mORF_+_2544192	2544192	2544236	+	3	45	ATG	TGA	0	0	
mORF_+_2544237	2544237	2544347	+	3	111	TTG	TAG	0	0	
mORF_+_2544348	2544348	2544380	+	3	33	GTG	TGA	0	0	
mORF_+_2544471	2544471	2544566	+	3	96	ATG	TAA	0	0	
mORF_+_2544535	2544535	2544540	+	1	6	ATG	TAG	0	0	
mORF_+_2544567	2544567	2544602	+	3	36	TTG	TGA	0	0	
mORF_+_2544571	2544571	2544588	+	1	18	TTG	TAA	0	0	
mORF_+_2544621	2544621	2544680	+	3	60	ATG	TAG	0	0	
mORF_+_2544695	2544695	2546119	+	2	1425	ATG	TGA	0	0	

mORF_+_2544714	2544714	2544725	+	3	12	GTG	TGA	0	0
mORF_+_2544741	2544741	2544785	+	3	45	GTG	TGA	0	0
mORF_+_2544769	2544769	2544777	+	1	9	TTG	TAA	0	0
mORF_+_2544801	2544801	2544854	+	3	54	GTG	TGA	0	0
mORF_+_2544894	2544894	2544932	+	3	39	TTG	TGA	0	0
mORF_+_2544963	2544963	2545001	+	3	39	ATG	TAA	0	0
mORF_+_2545080	2545080	2545106	+	3	27	TTG	TAG	0	0
mORF_+_2545116	2545116	2545127	+	3	12	TTG	TGA	0	0
mORF_+_2545143	2545143	2545172	+	3	30	ATG	TGA	0	0
mORF_+_2545248	2545248	2545265	+	3	18	TTG	TAA	0	0
mORF_+_2545266	2545266	2545394	+	3	129	ATG	TGA	0	0
mORF_+_2545395	2545395	2545469	+	3	75	TTG	TGA	0	0
mORF_+_2545402	2545402	2545422	+	1	21	GTG	TGA	0	0
mORF_+_2545503	2545503	2545514	+	3	12	TTG	TGA	0	0
mORF_+_2545530	2545530	2545574	+	3	45	GTG	TGA	0	0
mORF_+_2545555	2545555	2545581	+	1	27	ATG	TAA	0	0
mORF_+_2545591	2545591	2545833	+	1	243	TTG	TGA	0	0
mORF_+_2545593	2545593	2545604	+	3	12	GTG	TAG	0	0
mORF_+_2545632	2545632	2545673	+	3	42	TTG	TAA	0	0
mORF_+_2545776	2545776	2545841	+	3	66	GTG	TGA	0	0
mORF_+_2545848	2545848	2545868	+	3	21	GTG	TGA	0	0
mORF_+_2545875	2545875	2545892	+	3	18	TTG	TAG	0	0
mORF_+_2545933	2545933	2546103	+	1	171	GTG	TAA	0	0
mORF_+_2545965	2545965	2545985	+	3	21	TTG	TAG	0	0
mORF_+_2546037	2546037	2547428	+	3	1392	ATG	TAA	0	0
mORF_+_2546165	2546165	2546170	+	2	6	TTG	TAG	0	0
mORF_+_2546275	2546275	2546298	+	1	24	TTG	TAA	0	0
mORF_+_2546326	2546326	2546379	+	1	54	TTG	TGA	0	0
mORF_+_2546416	2546416	2546472	+	1	57	ATG	TGA	0	0
mORF_+_2546506	2546506	2546685	+	1	180	TTG	TGA	0	0
mORF_+_2546737	2546737	2546835	+	1	99	ATG	TGA	0	0
mORF_+_2546884	2546884	2546901	+	1	18	TTG	TGA	0	0
mORF_+_2546917	2546917	2546925	+	1	9	ATG	TGA	0	0
mORF_+_2546974	2546974	2547054	+	1	81	ATG	TAA	0	0
mORF_+_2547082	2547082	2547117	+	1	36	ATG	TGA	0	0
mORF_+_2547145	2547145	2547174	+	1	30	ATG	TGA	0	0
mORF_+_2547175	2547175	2547192	+	1	18	ATG	TGA	0	0
mORF_+_2547202	2547202	2547258	+	1	57	TTG	TGA	0	0
mORF_+_2547289	2547289	2547294	+	1	6	TTG	TGA	0	0
mORF_+_2547322	2547322	2547393	+	1	72	TTG	TAG	0	0
mORF_+_2547386	2547386	2547397	+	2	12	TTG	TGA	0	0
mORF_+_2547394	2547394	2547417	+	1	24	TTG	TAA	0	0
mORF_+_2547447	2547447	2547542	+	3	96	ATG	TAG	0	0
mORF_+_2547493	2547493	2547537	+	1	45	ATG	TGA	0	0
mORF_+_2547586	2547586	2547732	+	1	147	GTG	TGA	0	0
mORF_+_2547629	2547629	2547649	+	2	21	ATG	TAA	0	0
mORF_+_2547653	2547653	2548579	+	2	927	ATG	TGA	0	0
mORF_+_2547684	2547684	2547707	+	3	24	TTG	TAA	0	0
mORF_+_2547726	2547726	2547818	+	3	93	TTG	TAG	0	0
mORF_+_2547840	2547840	2547926	+	3	87	GTG	TGA	0	0
mORF_+_2547963	2547963	2547998	+	3	36	TTG	TGA	0	0
mORF_+_2548017	2548017	2548061	+	3	45	TTG	TAG	0	0
mORF_+_2548086	2548086	2548262	+	3	177	TTG	TGA	0	0
mORF_+_2548275	2548275	2548325	+	3	51	ATG	TAG	0	0
mORF_+_2548380	2548380	2548556	+	3	177	GTG	TGA	0	0
mORF_+_2548441	2548441	2548614	+	1	174	TTG	TGA	0	0
mORF_+_2548602	2548602	2548679	+	3	78	GTG	TAA	0	0
mORF_+_2548627	2548627	2548725	+	1	99	GTG	TAA	0	0
mORF_+_2548768	2548768	2549094	+	1	327	ATG	TAA	0	0
mORF_+_2548832	2548832	2548852	+	2	21	TTG	TAA	0	0
mORF_+_2548839	2548839	2548862	+	3	24	ATG	TAA	0	0
mORF_+_2548866	2548866	2548880	+	3	15	GTG	TAA	0	0
mORF_+_2548886	2548886	2548939	+	2	54	GTG	TGA	0	0

mORF_+_2548964	2548964	2549038	+	2	75	TTG	TAA	0	0	
mORF_+_2549060	2549060	2549263	+	2	204	ATG	TAA	0	0	
mORF_+_2549076	2549076	2549153	+	3	78	GTG	TAG	0	0	
mORF_+_2549202	2549202	2549210	+	3	9	ATG	TAG	0	0	
mORF_+_2549266	2549266	2549331	+	1	66	TTG	TAA	0	0	
mORF_+_2549270	2549270	2549317	+	2	48	TTG	TAA	0	0	
mORF_+_2549339	2549339	2549476	+	2	138	TTG	TAG	0	0	
mORF_+_2549431	2549431	2549445	+	1	15	TTG	TAA	0	0	
mORF_+_2549489	2549489	2549578	+	2	90	GTG	TGA	0	0	
mORF_+_2549575	2549575	2549598	+	1	24	GTG	TAG	0	0	
mORF_+_2549633	2549633	2549662	+	2	30	ATG	TGA	0	0	
mORF_+_2549707	2549707	2549847	+	1	141	GTG	TGA	0	0	
mORF_+_2549786	2549786	2550187	+	2	402	GTG	TAA	0	0	
mORF_+_2549823	2549823	2549852	+	3	30	ATG	TGA	0	0	
mORF_+_2549907	2549907	2549951	+	3	45	TTG	TAA	0	0	
mORF_+_2550060	2550060	2550206	+	3	147	ATG	TGA	0	0	
mORF_+_2550203	2550203	2550244	+	2	42	GTG	TGA	0	0	
mORF_+_2550241	2550241	2550318	+	1	78	TTG	TAA	0	0	
mORF_+_2550249	2550249	2550257	+	3	9	GTG	TAA	0	0	
mORF_+_2550257	2550257	2550283	+	2	27	ATG	TGA	0	0	
mORF_+_2550374	2550374	2551243	+	2	870	ATG	TAA	8	24	pORF_+_2550374
mORF_+_2550543	2550543	2550686	+	3	144	GTG	TAA	0	0	
mORF_+_2550726	2550726	2550980	+	3	255	TTG	TGA	0	0	
mORF_+_2551056	2551056	2551067	+	3	12	TTG	TGA	0	0	
mORF_+_2551176	2551176	2551190	+	3	15	TTG	TGA	0	0	
mORF_+_2551247	2551247	2552146	+	2	900	ATG	TAA	1	2	pORF_+_2551247
mORF_+_2551303	2551303	2551350	+	1	48	TTG	TAG	0	0	
mORF_+_2551326	2551326	2551529	+	3	204	ATG	TAG	0	0	
mORF_+_2551351	2551351	2551383	+	1	33	TTG	TAG	0	0	
mORF_+_2551548	2551548	2551640	+	3	93	ATG	TAA	0	0	
mORF_+_2551615	2551615	2551659	+	1	45	GTG	TGA	0	0	
mORF_+_2551650	2551650	2551817	+	3	168	ATG	TGA	0	0	
mORF_+_2551699	2551699	2551809	+	1	111	GTG	TGA	0	0	
mORF_+_2551842	2551842	2551862	+	3	21	TTG	TAG	0	0	
mORF_+_2551893	2551893	2552042	+	3	150	TTG	TGA	0	0	
mORF_+_2552073	2552073	2552114	+	3	42	ATG	TAA	0	0	
mORF_+_2552115	2552115	2552369	+	3	255	GTG	TAG	0	0	
mORF_+_2552137	2552137	2552190	+	1	54	TTG	TGA	0	0	
mORF_+_2552222	2552222	2552374	+	2	153	GTG	TGA	0	0	
mORF_+_2552230	2552230	2552364	+	1	135	TTG	TAA	0	0	
mORF_+_2552371	2552371	2552388	+	1	18	GTG	TAG	0	0	
mORF_+_2552390	2552390	2552413	+	2	24	GTG	TGA	0	0	
mORF_+_2552404	2552404	2552565	+	1	162	ATG	TAG	0	0	
mORF_+_2552447	2552447	2552494	+	2	48	ATG	TAA	0	0	
mORF_+_2552507	2552507	2552602	+	2	96	ATG	TGA	0	0	
mORF_+_2552526	2552526	2552747	+	3	222	TTG	TAG	0	0	
mORF_+_2552602	2552602	2552718	+	1	117	ATG	TAA	0	0	
mORF_+_2552734	2552734	2552997	+	1	264	ATG	TAG	0	0	
mORF_+_2552756	2552756	2552797	+	2	42	GTG	TAA	0	0	
mORF_+_2552807	2552807	2552947	+	2	141	GTG	TGA	0	0	
mORF_+_2552963	2552963	2552983	+	2	21	GTG	TGA	0	0	
mORF_+_2553016	2553016	2553072	+	1	57	ATG	TAA	0	0	
mORF_+_2553023	2553023	2553040	+	2	18	TTG	TGA	0	0	
mORF_+_2553076	2553076	2553156	+	1	81	ATG	TAA	0	0	
mORF_+_2553093	2553093	2553137	+	3	45	TTG	TGA	0	0	
mORF_+_2553134	2553134	2553166	+	2	33	GTG	TGA	0	0	
mORF_+_2553163	2553163	2553291	+	1	129	ATG	TAA	0	0	
mORF_+_2553182	2553182	2553253	+	2	72	TTG	TAA	0	0	
mORF_+_2553219	2553219	2553227	+	3	9	GTG	TAG	0	0	
mORF_+_2553260	2553260	2553271	+	2	12	TTG	TAA	0	0	
mORF_+_2553352	2553352	2553393	+	1	42	GTG	TGA	0	0	
mORF_+_2553393	2553393	2553437	+	3	45	ATG	TAA	0	0	
mORF_+_2553463	2553463	2553627	+	1	165	TTG	TAA	0	0	

mORF_+_2553503	2553503	2553652	+	2	150	GTG	TGA	0	0	
mORF_+_2553649	2553649	2553855	+	1	207	GTG	TAA	0	0	
mORF_+_2553677	2553677	2553871	+	2	195	TTG	TAG	0	0	
mORF_+_2553738	2553738	2553746	+	3	9	GTG	TGA	0	0	
mORF_+_2553777	2553777	2553812	+	3	36	TTG	TAA	0	0	
mORF_+_2553858	2553858	2553998	+	3	141	ATG	TGA	0	0	
mORF_+_2553872	2553872	2553898	+	2	27	TTG	TAG	0	0	
mORF_+_2553938	2553938	2553946	+	2	9	ATG	TAG	0	0	
mORF_+_2553995	2553995	2554021	+	2	27	GTG	TAA	0	0	
mORF_+_2554008	2554008	2554076	+	3	69	TTG	TAG	0	0	
mORF_+_2554042	2554042	2554191	+	1	150	ATG	TGA	0	0	
mORF_+_2554149	2554149	2554166	+	3	18	TTG	TAA	0	0	
mORF_+_2554188	2554188	2554283	+	3	96	GTG	TGA	0	0	
mORF_+_2554198	2554198	2554218	+	1	21	GTG	TAG	0	0	
mORF_+_2554253	2554253	2554279	+	2	27	TTG	TAG	0	0	
mORF_+_2554280	2554280	2554534	+	2	255	GTG	TGA	0	0	
mORF_+_2554324	2554324	2554413	+	1	90	ATG	TAA	0	0	
mORF_+_2554455	2554455	2554496	+	3	42	ATG	TGA	0	0	
mORF_+_2554531	2554531	2554617	+	1	87	GTG	TGA	0	0	
mORF_+_2554535	2554535	2554591	+	2	57	ATG	TAA	0	0	
mORF_+_2554722	2554722	2554799	+	3	78	ATG	TGA	0	0	
mORF_+_2554796	2554796	2554924	+	2	129	GTG	TAG	0	0	
mORF_+_2554809	2554809	2554829	+	3	21	TTG	TAA	0	0	
mORF_+_2554931	2554931	2555026	+	2	96	TTG	TGA	0	0	
mORF_+_2555023	2555023	2555121	+	1	99	GTG	TAA	0	0	
mORF_+_2555058	2555058	2555321	+	3	264	GTG	TGA	0	0	
mORF_+_2555099	2555099	2555314	+	2	216	GTG	TGA	0	0	
mORF_+_2555134	2555134	2555181	+	1	48	ATG	TAA	0	0	
mORF_+_2555263	2555263	2555274	+	1	12	TTG	TGA	0	0	
mORF_+_2555311	2555311	2555454	+	1	144	TTG	TGA	0	0	
mORF_+_2555318	2555318	2555395	+	2	78	ATG	TAA	0	0	
mORF_+_2555429	2555429	2555446	+	2	18	GTG	TGA	0	0	
mORF_+_2555461	2555461	2555493	+	1	33	GTG	TAG	0	0	
mORF_+_2555472	2555472	2555666	+	3	195	GTG	TAA	0	0	
mORF_+_2555477	2555477	2555497	+	2	21	ATG	TGA	0	0	
mORF_+_2555494	2555494	2555535	+	1	42	TTG	TAG	0	0	
mORF_+_2555536	2555536	2555610	+	1	75	TTG	TAA	0	0	
mORF_+_2555632	2555632	2555658	+	1	27	ATG	TGA	0	0	
mORF_+_2555692	2555692	2555697	+	1	6	TTG	TAG	0	0	
mORF_+_2555728	2555728	2555751	+	1	24	GTG	TAA	0	0	
mORF_+_2555751	2555751	2555822	+	3	72	ATG	TAG	0	0	
mORF_+_2555774	2555774	2555809	+	2	36	GTG	TAG	0	0	
mORF_+_2555832	2555832	2556098	+	3	267	TTG	TAA	0	0	
mORF_+_2555875	2555875	2556042	+	1	168	TTG	TGA	0	0	
mORF_+_2555984	2555984	2556019	+	2	36	GTG	TGA	0	0	
mORF_+_2556044	2556044	2556055	+	2	12	TTG	TGA	0	0	
mORF_+_2556049	2556049	2556075	+	1	27	ATG	TAG	0	0	
mORF_+_2556076	2556076	2556171	+	1	96	ATG	TAG	0	0	
mORF_+_2556174	2556174	2556581	+	3	408	TTG	TGA	0	0	
mORF_+_2556205	2556205	2556297	+	1	93	GTG	TAG	0	0	
mORF_+_2556212	2556212	2556232	+	2	21	TTG	TAA	0	0	
mORF_+_2556310	2556310	2556450	+	1	141	TTG	TAG	0	0	
mORF_+_2556520	2556520	2556666	+	1	147	TTG	TGA	0	0	
mORF_+_2556560	2556560	2556637	+	2	78	TTG	TAG	0	0	
mORF_+_2556673	2556673	2556729	+	1	57	TTG	TGA	0	0	
mORF_+_2556683	2556683	2556703	+	2	21	ATG	TAA	0	0	
mORF_+_2556726	2556726	2556800	+	3	75	ATG	TAA	0	0	
mORF_+_2556730	2556730	2556753	+	1	24	TTG	TAA	0	0	
mORF_+_2556782	2556782	2556787	+	2	6	GTG	TAA	0	0	
mORF_+_2556793	2556793	2558088	+	1	1296	TTG	TGA	1	0	pORF_+_2556793
mORF_+_2556839	2556839	2556883	+	2	45	ATG	TGA	0	0	
mORF_+_2557020	2557020	2557031	+	3	12	TTG	TAA	0	0	
mORF_+_2557052	2557052	2557069	+	2	18	TTG	TAA	0	0	

mORF_+_2557118	2557118	2557276	+	2	159	TTG	TAG	0	0
mORF_+_2557236	2557236	2557334	+	3	99	GTG	TGA	0	0
mORF_+_2557298	2557298	2557324	+	2	27	TTG	TAA	0	0
mORF_+_2557331	2557331	2557444	+	2	114	GTG	TAA	0	0
mORF_+_2557457	2557457	2557480	+	2	24	TTG	TGA	0	0
mORF_+_2557506	2557506	2557520	+	3	15	GTG	TAG	0	0
mORF_+_2557520	2557520	2557600	+	2	81	GTG	TAA	0	0
mORF_+_2557629	2557629	2557682	+	3	54	GTG	TGA	0	0
mORF_+_2557706	2557706	2557864	+	2	159	ATG	TAG	0	0
mORF_+_2557932	2557932	2557940	+	3	9	TTG	TGA	0	0
mORF_+_2557937	2557937	2557951	+	2	15	TTG	TAG	0	0
mORF_+_2558042	2558042	2558077	+	2	36	TTG	TAG	0	0
mORF_+_2558085	2558085	2558096	+	3	12	ATG	TAA	0	0
mORF_+_2558106	2558106	2558135	+	3	30	TTG	TAA	0	0
mORF_+_2558128	2558128	2558157	+	1	30	TTG	TAA	0	0
mORF_+_2558145	2558145	2558168	+	3	24	TTG	TGA	0	0
mORF_+_2558147	2558147	2558221	+	2	75	GTG	TAA	0	0
mORF_+_2558188	2558188	2558274	+	1	87	TTG	TAA	0	0
mORF_+_2558243	2558243	2558251	+	2	9	GTG	TAA	0	0
mORF_+_2558279	2558279	2558920	+	2	642	ATG	TAA	0	0
mORF_+_2558283	2558283	2558408	+	3	126	TTG	TAG	0	0
mORF_+_2558350	2558350	2558367	+	1	18	ATG	TGA	0	0
mORF_+_2558430	2558430	2558450	+	3	21	ATG	TAA	0	0
mORF_+_2558574	2558574	2558603	+	3	30	GTG	TAA	0	0
mORF_+_2558610	2558610	2558915	+	3	306	TTG	TGA	0	0
mORF_+_2558644	2558644	2558748	+	1	105	ATG	TAG	0	0
mORF_+_2558797	2558797	2558835	+	1	39	ATG	TGA	0	0
mORF_+_2558875	2558875	2558970	+	1	96	GTG	TGA	0	0
mORF_+_2558937	2558937	2559197	+	3	261	ATG	TAA	0	0
mORF_+_2558954	2558954	2558962	+	2	9	TTG	TAA	0	0
mORF_+_2558977	2558977	2559045	+	1	69	GTG	TAA	0	0
mORF_+_2559047	2559047	2559172	+	2	126	GTG	TGA	0	0
mORF_+_2559185	2559185	2559262	+	2	78	TTG	TGA	0	0
mORF_+_2559284	2559284	2559565	+	2	282	ATG	TAA	0	0
mORF_+_2559297	2559297	2559326	+	3	30	ATG	TGA	0	0
mORF_+_2559334	2559334	2559387	+	1	54	TTG	TAG	0	0
mORF_+_2559363	2559363	2559374	+	3	12	TTG	TAA	0	0
mORF_+_2559390	2559390	2559635	+	3	246	GTG	TGA	0	0
mORF_+_2559427	2559427	2559450	+	1	24	TTG	TGA	0	0
mORF_+_2559520	2559520	2559573	+	1	54	GTG	TGA	0	0
mORF_+_2559613	2559613	2559663	+	1	51	GTG	TAA	0	0
mORF_+_2559617	2559617	2559631	+	2	15	TTG	TGA	0	0
mORF_+_2559632	2559632	2560015	+	2	384	ATG	TAA	0	0
mORF_+_2559639	2559639	2559650	+	3	12	GTG	TGA	0	0
mORF_+_2559669	2559669	2559722	+	3	54	TTG	TAA	0	0
mORF_+_2559765	2559765	2559857	+	3	93	ATG	TAG	0	0
mORF_+_2559784	2559784	2559792	+	1	9	GTG	TGA	0	0
mORF_+_2559868	2559868	2559924	+	1	57	TTG	TGA	0	0
mORF_+_2559870	2559870	2559965	+	3	96	GTG	TAA	0	0
mORF_+_2559937	2559937	2559975	+	1	39	ATG	TAG	0	0
mORF_+_2559969	2559969	2560007	+	3	39	TTG	TAG	0	0
mORF_+_2560009	2560009	2560038	+	1	30	TTG	TAA	0	0
mORF_+_2560038	2560038	2560148	+	3	111	ATG	TGA	0	0
mORF_+_2560049	2560049	2560102	+	2	54	TTG	TAA	0	0
mORF_+_2560081	2560081	2560176	+	1	96	TTG	TGA	0	0
mORF_+_2560133	2560133	2560549	+	2	417	ATG	TGA	0	0
mORF_+_2560158	2560158	2560166	+	3	9	ATG	TAG	0	0
mORF_+_2560173	2560173	2560232	+	3	60	ATG	TAG	0	0
mORF_+_2560372	2560372	2560389	+	1	18	GTG	TGA	0	0
mORF_+_2560401	2560401	2560415	+	3	15	GTG	TAA	0	0
mORF_+_2560425	2560425	2560433	+	3	9	TTG	TAA	0	0
mORF_+_2560443	2560443	2560508	+	3	66	ATG	TGA	0	0
mORF_+_2560530	2560530	2560565	+	3	36	TTG	TGA	0	0

mORF_+_2560546	2560546	2561139	+	1	594	ATG	TGA	0	0	
mORF_+_2560629	2560629	2560643	+	3	15	GTG	TGA	0	0	
mORF_+_2560640	2560640	2560663	+	2	24	ATG	TGA	0	0	
mORF_+_2560676	2560676	2560723	+	2	48	TTG	TGA	0	0	
mORF_+_2560740	2560740	2560763	+	3	24	GTG	TGA	0	0	
mORF_+_2560751	2560751	2560777	+	2	27	TTG	TAA	0	0	
mORF_+_2560808	2560808	2560828	+	2	21	ATG	TGA	0	0	
mORF_+_2560841	2560841	2560876	+	2	36	ATG	TAG	0	0	
mORF_+_2560869	2560869	2561021	+	3	153	GTG	TGA	0	0	
mORF_+_2560892	2560892	2560903	+	2	12	TTG	TGA	0	0	
mORF_+_2560931	2560931	2561362	+	2	432	GTG	TGA	0	0	
mORF_+_2561362	2561362	2561397	+	1	36	ATG	TGA	0	0	
mORF_+_2561375	2561375	2561386	+	2	12	TTG	TGA	0	0	
mORF_+_2561431	2561431	2561487	+	1	57	ATG	TAA	0	0	
mORF_+_2561438	2561438	2561524	+	2	87	GTG	TAA	0	0	
mORF_+_2561445	2561445	2561450	+	3	6	TTG	TGA	0	0	
mORF_+_2561527	2561527	2561595	+	1	69	ATG	TGA	0	0	
mORF_+_2561540	2561540	2561602	+	2	63	ATG	TGA	0	0	
mORF_+_2561592	2561592	2561678	+	3	87	TTG	TGA	0	0	
mORF_+_2561599	2561599	2561991	+	1	393	GTG	TAA	0	0	
mORF_+_2561654	2561654	2561689	+	2	36	GTG	TGA	0	0	
mORF_+_2561711	2561711	2561758	+	2	48	TTG	TAG	0	0	
mORF_+_2561762	2561762	2561797	+	2	36	GTG	TAG	0	0	
mORF_+_2561805	2561805	2561846	+	3	42	GTG	TGA	0	0	
mORF_+_2561843	2561843	2561854	+	2	12	TTG	TAG	0	0	
mORF_+_2561906	2561906	2561926	+	2	21	ATG	TGA	0	0	
mORF_+_2561957	2561957	2561974	+	2	18	TTG	TAG	0	0	
mORF_+_2561984	2561984	2562394	+	2	411	TTG	TGA	3	9	pORF_+_2561984
mORF_+_2562025	2562025	2562069	+	1	45	ATG	TAA	0	0	
mORF_+_2562036	2562036	2562065	+	3	30	TTG	TGA	0	0	
mORF_+_2562093	2562093	2562098	+	3	6	TTG	TGA	0	0	
mORF_+_2562102	2562102	2562167	+	3	66	ATG	TGA	0	0	
mORF_+_2562168	2562168	2562182	+	3	15	ATG	TAA	0	0	
mORF_+_2562199	2562199	2562258	+	1	60	ATG	TGA	0	0	
mORF_+_2562207	2562207	2562212	+	3	6	ATG	TAA	0	0	
mORF_+_2562237	2562237	2562272	+	3	36	TTG	TAA	0	0	
mORF_+_2562288	2562288	2562341	+	3	54	ATG	TAG	0	0	
mORF_+_2562328	2562328	2562372	+	1	45	ATG	TAG	0	0	
mORF_+_2562357	2562357	2562368	+	3	12	TTG	TAG	0	0	
mORF_+_2562378	2562378	2562404	+	3	27	TTG	TAG	0	0	
mORF_+_2562391	2562391	2562414	+	1	24	TTG	TAA	0	0	
mORF_+_2562395	2562395	2563354	+	2	960	TTG	TAA	10	20	pORF_+_2562395
mORF_+_2562448	2562448	2562453	+	1	6	TTG	TGA	0	0	
mORF_+_2562450	2562450	2562527	+	3	78	GTG	TGA	0	0	
mORF_+_2562529	2562529	2562606	+	1	78	ATG	TAA	0	0	
mORF_+_2562618	2562618	2562653	+	3	36	GTG	TAA	0	0	
mORF_+_2562628	2562628	2562669	+	1	42	ATG	TAA	0	0	
mORF_+_2562712	2562712	2562726	+	1	15	TTG	TAG	0	0	
mORF_+_2562760	2562760	2562807	+	1	48	GTG	TAA	0	0	
mORF_+_2562780	2562780	2562788	+	3	9	ATG	TGA	0	0	
mORF_+_2562798	2562798	2562863	+	3	66	GTG	TAG	0	0	
mORF_+_2562808	2562808	2562867	+	1	60	ATG	TGA	0	0	
mORF_+_2562873	2562873	2562893	+	3	21	ATG	TGA	0	0	
mORF_+_2562912	2562912	2562926	+	3	15	TTG	TAG	0	0	
mORF_+_2562966	2562966	2563202	+	3	237	GTG	TGA	0	0	
mORF_+_2563033	2563033	2563041	+	1	9	GTG	TAA	0	0	
mORF_+_2563075	2563075	2563155	+	1	81	GTG	TAA	0	0	
mORF_+_2563203	2563203	2563229	+	3	27	TTG	TGA	0	0	
mORF_+_2563236	2563236	2563310	+	3	75	TTG	TGA	0	0	
mORF_+_2563332	2563332	2563523	+	3	192	TTG	TGA	0	0	
mORF_+_2563408	2563408	2563581	+	1	174	TTG	TAG	0	0	
mORF_+_2563514	2563514	2563612	+	2	99	ATG	TGA	0	0	
mORF_+_2563609	2563609	2563764	+	1	156	ATG	TAA	0	0	

mORF+_2563626	2563626	2563634	+	3	9	TTG	TAG	0	0
mORF+_2563637	2563637	2563741	+	2	105	GTG	TGA	0	0
mORF+_2563698	2563698	2564195	+	3	498	ATG	TGA	0	0
mORF+_2563810	2563810	2563830	+	1	21	TTG	TGA	0	0
mORF+_2563894	2563894	2564103	+	1	210	TTG	TAA	0	0
mORF+_2563928	2563928	2564131	+	2	204	TTG	TAA	0	0
mORF+_2564131	2564131	2564331	+	1	201	ATG	TGA	0	0
mORF+_2564177	2564177	2564386	+	2	210	ATG	TGA	0	0
mORF+_2564328	2564328	2564696	+	3	369	ATG	TAA	0	0
mORF+_2564383	2564383	2564430	+	1	48	TTG	TAG	0	0
mORF+_2564437	2564437	2564511	+	1	75	GTG	TGA	0	0
mORF+_2564495	2564495	2564629	+	2	135	GTG	TGA	0	0
mORF+_2564602	2564602	2564679	+	1	78	TTG	TGA	0	0
mORF+_2564760	2564760	2564891	+	3	132	TTG	TAG	0	0
mORF+_2564782	2564782	2564793	+	1	12	ATG	TAG	0	0
mORF+_2564854	2564854	2564931	+	1	78	GTG	TAG	0	0
mORF+_2564909	2564909	2565055	+	2	147	TTG	TAA	0	0
mORF+_2564950	2564950	2565102	+	1	153	TTG	TGA	0	0
mORF+_2565000	2565000	2565674	+	3	675	TTG	TAA	0	0
mORF+_2565056	2565056	2565277	+	2	222	GTG	TAA	0	0
mORF+_2565166	2565166	2565294	+	1	129	TTG	TAG	0	0
mORF+_2565430	2565430	2565468	+	1	39	ATG	TGA	0	0
mORF+_2565696	2565696	2565881	+	3	186	ATG	TAA	0	0
mORF+_2565730	2565730	2565864	+	1	135	TTG	TAG	0	0
mORF+_2565908	2565908	2566000	+	2	93	GTG	TGA	0	0
mORF+_2565922	2565922	2565975	+	1	54	GTG	TAA	0	0
mORF+_2566098	2566098	2566148	+	3	51	ATG	TAG	0	0
mORF+_2566149	2566149	2566310	+	3	162	TTG	TAG	0	0
mORF+_2566159	2566159	2566176	+	1	18	TTG	TAA	0	0
mORF+_2566166	2566166	2566210	+	2	45	ATG	TAG	0	0
mORF+_2566195	2566195	2566527	+	1	333	ATG	TAA	0	0
mORF+_2566295	2566295	2566741	+	2	447	ATG	TGA	0	0
mORF+_2566561	2566561	2566581	+	1	21	GTG	TAA	0	0
mORF+_2566621	2566621	2566848	+	1	228	TTG	TAA	0	0
mORF+_2566632	2566632	2566679	+	3	48	ATG	TGA	0	0
mORF+_2566752	2566752	2566778	+	3	27	ATG	TGA	0	0
mORF+_2566775	2566775	2566894	+	2	120	GTG	TAA	0	0
mORF+_2566806	2566806	2567351	+	3	546	TTG	TGA	0	0
mORF+_2566852	2566852	2566857	+	1	6	GTG	TAG	0	0
mORF+_2566873	2566873	2566920	+	1	48	ATG	TGA	0	0
mORF+_2566922	2566922	2566993	+	2	72	ATG	TAA	0	0
mORF+_2566945	2566945	2567025	+	1	81	ATG	TAA	0	0
mORF+_2567068	2567068	2567259	+	1	192	TTG	TAA	0	0
mORF+_2567096	2567096	2567116	+	2	21	TTG	TGA	0	0
mORF+_2567281	2567281	2567310	+	1	30	ATG	TAA	0	0
mORF+_2567351	2567351	2567587	+	2	237	ATG	TAA	0	0
mORF+_2567452	2567452	2567463	+	1	12	GTG	TAA	0	0
mORF+_2567464	2567464	2567781	+	1	318	ATG	TGA	0	0
mORF+_2567595	2567595	2567606	+	3	12	GTG	TAA	0	0
mORF+_2567607	2567607	2567618	+	3	12	ATG	TAA	0	0
mORF+_2567628	2567628	2567687	+	3	60	TTG	TAA	0	0
mORF+_2567712	2567712	2568065	+	3	354	ATG	TGA	0	0
mORF+_2567788	2567788	2567850	+	1	63	TTG	TGA	0	0
mORF+_2567860	2567860	2568210	+	1	351	GTG	TGA	0	0
mORF+_2567978	2567978	2568031	+	2	54	TTG	TGA	0	0
mORF+_2568062	2568062	2568082	+	2	21	ATG	TAA	0	0
mORF+_2568075	2568075	2568461	+	3	387	ATG	TGA	0	0
mORF+_2568247	2568247	2568396	+	1	150	GTG	TAA	0	0
mORF+_2568311	2568311	2568337	+	2	27	TTG	TGA	0	0
mORF+_2568377	2568377	2569012	+	2	636	ATG	TGA	0	0
mORF+_2568583	2568583	2568630	+	1	48	GTG	TAG	0	0
mORF+_2568588	2568588	2568758	+	3	171	TTG	TAA	0	0
mORF+_2568706	2568706	2569212	+	1	507	ATG	TAA	0	0

mORF_+_2568765	2568765	2568812	+	3	48	TTG	TGA	0	0	
mORF_+_2569058	2569058	2569486	+	2	429	TTG	TGA	0	0	
mORF_+_2569194	2569194	2569205	+	3	12	TTG	TAA	0	0	
mORF_+_2569291	2569291	2569416	+	1	126	ATG	TAG	0	0	
mORF_+_2569353	2569353	2569367	+	3	15	TTG	TAG	0	0	
mORF_+_2569401	2569401	2569538	+	3	138	GTG	TGA	0	0	
mORF_+_2569444	2569444	2569554	+	1	111	TTG	TAA	0	0	
mORF_+_2569523	2569523	2569693	+	2	171	ATG	TGA	0	0	
mORF_+_2569564	2569564	2569602	+	1	39	GTG	TAA	0	0	
mORF_+_2569611	2569611	2569775	+	3	165	TTG	TGA	0	0	
mORF_+_2569630	2569630	2569806	+	1	177	TTG	TGA	0	0	
mORF_+_2569709	2569709	2569768	+	2	60	GTG	TGA	0	0	
mORF_+_2569772	2569772	2570056	+	2	285	ATG	TGA	0	0	
mORF_+_2569791	2569791	2569859	+	3	69	GTG	TGA	0	0	
mORF_+_2569831	2569831	2570025	+	1	195	ATG	TGA	0	0	
mORF_+_2569872	2569872	2569907	+	3	36	ATG	TAA	0	0	
mORF_+_2569956	2569956	2570129	+	3	174	TTG	TAA	0	0	
mORF_+_2570053	2570053	2570100	+	1	48	GTG	TAA	0	0	
mORF_+_2570131	2570131	2570151	+	1	21	ATG	TGA	0	0	
mORF_+_2570148	2570148	2570252	+	3	105	GTG	TAA	0	0	
mORF_+_2570186	2570186	2570593	+	2	408	TTG	TAA	0	0	
mORF_+_2570236	2570236	2570463	+	1	228	GTG	TAA	0	0	
mORF_+_2570283	2570283	2570375	+	3	93	GTG	TAA	0	0	
mORF_+_2570430	2570430	2570531	+	3	102	GTG	TAA	0	0	
mORF_+_2570625	2570625	2570756	+	3	132	GTG	TAG	0	0	
mORF_+_2570654	2570654	2570881	+	2	228	GTG	TAG	0	0	
mORF_+_2570695	2570695	2570700	+	1	6	TTG	TAA	0	0	
mORF_+_2570740	2570740	2570895	+	1	156	TTG	TGA	0	0	
mORF_+_2570775	2570775	2570816	+	3	42	TTG	TAA	0	0	
mORF_+_2570892	2570892	2571125	+	3	234	GTG	TAA	0	0	
mORF_+_2570908	2570908	2571285	+	1	378	TTG	TGA	0	0	
mORF_+_2571014	2571014	2571118	+	2	105	GTG	TAA	0	0	
mORF_+_2571143	2571143	2571196	+	2	54	TTG	TGA	0	0	
mORF_+_2571200	2571200	2571229	+	2	30	TTG	TAA	0	0	
mORF_+_2571282	2571282	2571335	+	3	54	ATG	TAG	0	0	
mORF_+_2571302	2571302	2571361	+	2	60	TTG	TGA	0	0	
mORF_+_2571310	2571310	2571357	+	1	48	TTG	TGA	0	0	
mORF_+_2571354	2571354	2571428	+	3	75	GTG	TAA	0	0	
mORF_+_2571388	2571388	2571423	+	1	36	TTG	TGA	0	0	
mORF_+_2571407	2571407	2571523	+	2	117	TTG	TAA	0	0	
mORF_+_2571432	2571432	2571461	+	3	30	TTG	TAA	0	0	
mORF_+_2571527	2571527	2571568	+	2	42	TTG	TAG	0	0	
mORF_+_2571609	2571609	2571773	+	3	165	GTG	TGA	0	0	
mORF_+_2571749	2571749	2572300	+	2	552	GTG	TAG	0	0	
mORF_+_2571885	2571885	2572043	+	3	159	ATG	TGA	0	0	
mORF_+_2572063	2572063	2572188	+	1	126	TTG	TAA	0	0	
mORF_+_2572191	2572191	2572343	+	3	153	TTG	TAG	0	0	
mORF_+_2572303	2572303	2572314	+	1	12	ATG	TGA	0	0	
mORF_+_2572333	2572333	2572908	+	1	576	TTG	TAG	0	0	
mORF_+_2572377	2572377	2572415	+	3	39	ATG	TAA	0	0	
mORF_+_2572394	2572394	2572504	+	2	111	ATG	TAG	0	0	
mORF_+_2572524	2572524	2572544	+	3	21	ATG	TAA	0	0	
mORF_+_2572556	2572556	2573101	+	2	546	ATG	TAG	1	3	pORF_+_2572556
mORF_+_2572701	2572701	2572772	+	3	72	TTG	TAA	0	0	
mORF_+_2572965	2572965	2573012	+	3	48	TTG	TGA	0	0	
mORF_+_2572984	2572984	2573046	+	1	63	GTG	TGA	0	0	
mORF_+_2573040	2573040	2573060	+	3	21	TTG	TAA	0	0	
mORF_+_2573050	2573050	2573187	+	1	138	ATG	TGA	0	0	
mORF_+_2573172	2573172	2573273	+	3	102	ATG	TAG	0	0	
mORF_+_2573198	2573198	2573296	+	2	99	TTG	TAG	0	0	
mORF_+_2573257	2573257	2573304	+	1	48	TTG	TAA	0	0	
mORF_+_2573280	2573280	2573315	+	3	36	ATG	TGA	0	0	
mORF_+_2573312	2573312	2573431	+	2	120	GTG	TAA	0	0	

mORF_+_2573386	2573386	2573427	+	1	42	GTG	TAA	0	0	
mORF_+_2573434	2573434	2573481	+	1	48	TTG	TGA	0	0	
mORF_+_2573478	2573478	2573495	+	3	18	ATG	TAA	0	0	
mORF_+_2573482	2573482	2573547	+	1	66	ATG	TGA	0	0	
mORF_+_2573499	2573499	2573522	+	3	24	TTG	TAA	0	0	
mORF_+_2573552	2573552	2573557	+	2	6	TTG	TGA	0	0	
mORF_+_2573554	2573554	2573610	+	1	57	GTG	TGA	0	0	
mORF_+_2573630	2573630	2573656	+	2	27	ATG	TAA	0	0	
mORF_+_2573700	2573700	2573807	+	3	108	ATG	TGA	0	0	
mORF_+_2573707	2573707	2573766	+	1	60	TTG	TGA	0	0	
mORF_+_2573756	2573756	2573863	+	2	108	ATG	TGA	0	0	
mORF_+_2573776	2573776	2573781	+	1	6	GTG	TGA	0	0	
mORF_+_2573808	2573808	2573843	+	3	36	ATG	TGA	0	0	
mORF_+_2573853	2573853	2573882	+	3	30	GTG	TAA	0	0	
mORF_+_2573860	2573860	2573886	+	1	27	GTG	TAA	0	0	
mORF_+_2573913	2573913	2573921	+	3	9	GTG	TAG	0	0	
mORF_+_2573932	2573932	2574087	+	1	156	ATG	TGA	0	0	
mORF_+_2573949	2573949	2573990	+	3	42	GTG	TAA	0	0	
mORF_+_2574103	2574103	2574207	+	1	105	GTG	TGA	0	0	
mORF_+_2574129	2574129	2574200	+	3	72	TTG	TAA	0	0	
mORF_+_2574185	2574185	2574286	+	2	102	ATG	TAA	0	0	
mORF_+_2574204	2574204	2574275	+	3	72	GTG	TAA	0	0	
mORF_+_2574277	2574277	2574282	+	1	6	TTG	TAA	0	0	
mORF_+_2574286	2574286	2574453	+	1	168	ATG	TGA	0	0	
mORF_+_2574393	2574393	2575307	+	3	915	GTG	TGA	1	6	pORF_+_2574393
mORF_+_2574422	2574422	2574436	+	2	15	GTG	TGA	0	0	
mORF_+_2574460	2574460	2574669	+	1	210	TTG	TGA	0	0	
mORF_+_2574605	2574605	2574619	+	2	15	ATG	TAA	0	0	
mORF_+_2574746	2574746	2574775	+	2	30	TTG	TGA	0	0	
mORF_+_2574772	2574772	2574828	+	1	57	ATG	TGA	0	0	
mORF_+_2574829	2574829	2574951	+	1	123	GTG	TGA	0	0	
mORF_+_2574952	2574952	2575023	+	1	72	ATG	TGA	0	0	
mORF_+_2575024	2575024	2575128	+	1	105	GTG	TAA	0	0	
mORF_+_2575144	2575144	2575155	+	1	12	TTG	TAG	0	0	
mORF_+_2575256	2575256	2575264	+	2	9	TTG	TGA	0	0	
mORF_+_2575261	2575261	2575293	+	1	33	ATG	TGA	0	0	
mORF_+_2575332	2575332	2575739	+	3	408	ATG	TGA	0	0	
mORF_+_2575381	2575381	2575461	+	1	81	TTG	TAG	0	0	
mORF_+_2575391	2575391	2575423	+	2	33	TTG	TGA	0	0	
mORF_+_2575474	2575474	2575722	+	1	249	GTG	TGA	0	0	
mORF_+_2575556	2575556	2575729	+	2	174	TTG	TAA	0	0	
mORF_+_2575736	2575736	2575876	+	2	141	TTG	TGA	0	0	
mORF_+_2575753	2575753	2575914	+	1	162	ATG	TGA	0	0	
mORF_+_2575758	2575758	2576165	+	3	408	ATG	TAA	0	0	
mORF_+_2575898	2575898	2575987	+	2	90	TTG	TAA	0	0	
mORF_+_2575987	2575987	2576229	+	1	243	ATG	TAG	0	0	
mORF_+_2576015	2576015	2576044	+	2	30	TTG	TAA	0	0	
mORF_+_2576264	2576264	2576533	+	2	270	GTG	TAA	0	0	
mORF_+_2576320	2576320	2576433	+	1	114	TTG	TAA	0	0	
mORF_+_2576361	2576361	2576387	+	3	27	ATG	TAA	0	0	
mORF_+_2576400	2576400	2576420	+	3	21	TTG	TAA	0	0	
mORF_+_2576437	2576437	2576544	+	1	108	GTG	TAA	0	0	
mORF_+_2576439	2576439	2576504	+	3	66	GTG	TGA	0	0	
mORF_+_2576538	2576538	2576555	+	3	18	TTG	TAA	0	0	
mORF_+_2576561	2576561	2576575	+	2	15	ATG	TAA	0	0	
mORF_+_2576588	2576588	2576647	+	2	60	ATG	TAA	0	0	
mORF_+_2576601	2576601	2576612	+	3	12	ATG	TGA	0	0	
mORF_+_2576637	2576637	2576642	+	3	6	GTG	TGA	0	0	
mORF_+_2576688	2576688	2577638	+	3	951	ATG	TAA	68	909	pORF_+_2576688
mORF_+_2576746	2576746	2576838	+	1	93	TTG	TAA	0	0	
mORF_+_2576845	2576845	2577075	+	1	231	ATG	TGA	0	0	
mORF_+_2576903	2576903	2576908	+	2	6	GTG	TGA	0	0	
mORF_+_2577166	2577166	2577207	+	1	42	TTG	TGA	0	0	

mORF_+_2577217	2577217	2577351	+	1	135	TTG	TGA	0	0	
mORF_+_2577530	2577530	2577574	+	2	45	TTG	TGA	0	0	
mORF_+_2577547	2577547	2577561	+	1	15	ATG	TAG	0	0	
mORF_+_2577595	2577595	2579661	+	1	2067	TTG	TGA	83	483	pORF_+_2577595
mORF_+_2577651	2577651	2577758	+	3	108	GTG	TGA	0	0	
mORF_+_2577674	2577674	2577886	+	2	213	TTG	TGA	0	0	
mORF_+_2577774	2577774	2577791	+	3	18	GTG	TAA	0	0	
mORF_+_2577962	2577962	2578039	+	2	78	TTG	TAG	0	0	
mORF_+_2578079	2578079	2578129	+	2	51	ATG	TGA	0	0	
mORF_+_2578190	2578190	2578291	+	2	102	TTG	TGA	0	0	
mORF_+_2578295	2578295	2578327	+	2	33	ATG	TGA	0	0	
mORF_+_2578340	2578340	2578357	+	2	18	TTG	TGA	0	0	
mORF_+_2578394	2578394	2578642	+	2	249	TTG	TGA	0	0	
mORF_+_2578646	2578646	2578816	+	2	171	GTG	TGA	0	0	
mORF_+_2578883	2578883	2578897	+	2	15	GTG	TGA	0	0	
mORF_+_2578934	2578934	2578960	+	2	27	TTG	TGA	0	0	
mORF_+_2578964	2578964	2579005	+	2	42	TTG	TGA	0	0	
mORF_+_2579045	2579045	2579107	+	2	63	TTG	TAA	0	0	
mORF_+_2579133	2579133	2579177	+	3	45	GTG	TGA	0	0	
mORF_+_2579174	2579174	2579203	+	2	30	TTG	TGA	0	0	
mORF_+_2579261	2579261	2579284	+	2	24	TTG	TGA	0	0	
mORF_+_2579318	2579318	2579368	+	2	51	TTG	TAG	0	0	
mORF_+_2579384	2579384	2579395	+	2	12	ATG	TAG	0	0	
mORF_+_2579432	2579432	2579530	+	2	99	ATG	TGA	0	0	
mORF_+_2579540	2579540	2579551	+	2	12	TTG	TGA	0	0	
mORF_+_2579597	2579597	2579650	+	2	54	TTG	TGA	0	0	
mORF_+_2579654	2579654	2579890	+	2	237	GTG	TAA	0	0	
mORF_+_2579661	2579661	2579681	+	3	21	ATG	TGA	0	0	
mORF_+_2579668	2579668	2579700	+	1	33	TTG	TGA	0	0	
mORF_+_2579682	2579682	2579759	+	3	78	TTG	TAA	0	0	
mORF_+_2579752	2579752	2579766	+	1	15	TTG	TGA	0	0	
mORF_+_2579763	2579763	2579828	+	3	66	GTG	TAA	0	0	
mORF_+_2579874	2579874	2579975	+	3	102	ATG	TGA	0	0	
mORF_+_2579938	2579938	2579985	+	1	48	ATG	TGA	0	0	
mORF_+_2579979	2579979	2580065	+	3	87	TTG	TAG	0	0	
mORF_+_2580019	2580019	2580084	+	1	66	GTG	TAA	0	0	
mORF_+_2580117	2580117	2580185	+	3	69	GTG	TAA	0	0	
mORF_+_2580139	2580139	2580237	+	1	99	ATG	TAA	0	0	
mORF_+_2580198	2580198	2580338	+	3	141	TTG	TGA	0	0	
mORF_+_2580332	2580332	2580367	+	2	36	TTG	TAA	0	0	
mORF_+_2580381	2580381	2580389	+	3	9	ATG	TGA	0	0	
mORF_+_2580405	2580405	2580425	+	3	21	GTG	TGA	0	0	
mORF_+_2580409	2580409	2580447	+	1	39	TTG	TGA	0	0	
mORF_+_2580444	2580444	2580656	+	3	213	GTG	TGA	0	0	
mORF_+_2580451	2580451	2580702	+	1	252	TTG	TGA	0	0	
mORF_+_2580611	2580611	2580889	+	2	279	ATG	TGA	0	0	
mORF_+_2580699	2580699	2580794	+	3	96	GTG	TAG	0	0	
mORF_+_2580733	2580733	2580861	+	1	129	GTG	TAG	0	0	
mORF_+_2580798	2580798	2580959	+	3	162	ATG	TAA	0	0	
mORF_+_2580886	2580886	2580897	+	1	12	TTG	TAA	0	0	
mORF_+_2580937	2580937	2580942	+	1	6	ATG	TGA	0	0	
mORF_+_2580946	2580946	2580966	+	1	21	TTG	TAA	0	0	
mORF_+_2580998	2580998	2581084	+	2	87	TTG	TGA	0	0	
mORF_+_2581085	2581085	2581183	+	2	99	TTG	TAG	0	0	
mORF_+_2581111	2581111	2581119	+	1	9	GTG	TAG	0	0	
mORF_+_2581205	2581205	2581309	+	2	105	TTG	TGA	0	0	
mORF_+_2581337	2581337	2581429	+	2	93	GTG	TAA	0	0	
mORF_+_2581390	2581390	2581581	+	1	192	ATG	TGA	0	0	
mORF_+_2581433	2581433	2581453	+	2	21	ATG	TAG	0	0	
mORF_+_2581469	2581469	2581543	+	2	75	TTG	TGA	0	0	
mORF_+_2581571	2581571	2581585	+	2	15	GTG	TGA	0	0	
mORF_+_2581578	2581578	2581625	+	3	48	TTG	TGA	0	0	
mORF_+_2581615	2581615	2581647	+	1	33	GTG	TAA	0	0	

mORF_+_2581622	2581622	2582176	+	2	555	ATG	TAG	0	0	
mORF_+_2581698	2581698	2581712	+	3	15	TTG	TAA	0	0	
mORF_+_2581737	2581737	2581934	+	3	198	ATG	TGA	0	0	
mORF_+_2581983	2581983	2582054	+	3	72	TTG	TAA	0	0	
mORF_+_2582061	2582061	2582234	+	3	174	GTG	TAA	0	0	
mORF_+_2582086	2582086	2582142	+	1	57	GTG	TAA	0	0	
mORF_+_2582253	2582253	2582282	+	3	30	TTG	TAA	0	0	
mORF_+_2582283	2582283	2582372	+	3	90	GTG	TGA	0	0	
mORF_+_2582312	2582312	2582590	+	2	279	TTG	TAA	0	0	
mORF_+_2582404	2582404	2582430	+	1	27	GTG	TGA	0	0	
mORF_+_2582427	2582427	2582621	+	3	195	TTG	TGA	0	0	
mORF_+_2582628	2582628	2582633	+	3	6	ATG	TAG	0	0	
mORF_+_2582640	2582640	2582753	+	3	114	ATG	TGA	0	0	
mORF_+_2582663	2582663	2583571	+	2	909	GTG	TAA	0	0	
mORF_+_2582775	2582775	2582915	+	3	141	ATG	TAA	0	0	
mORF_+_2582887	2582887	2583114	+	1	228	GTG	TGA	0	0	
mORF_+_2582934	2582934	2583050	+	3	117	TTG	TGA	0	0	
mORF_+_2583066	2583066	2583299	+	3	234	GTG	TGA	0	0	
mORF_+_2583226	2583226	2583303	+	1	78	GTG	TGA	0	0	
mORF_+_2583300	2583300	2583308	+	3	9	TTG	TGA	0	0	
mORF_+_2583309	2583309	2583380	+	3	72	ATG	TGA	0	0	
mORF_+_2583331	2583331	2583342	+	1	12	TTG	TAG	0	0	
mORF_+_2583411	2583411	2583434	+	3	24	TTG	TGA	0	0	
mORF_+_2583468	2583468	2583473	+	3	6	TTG	TGA	0	0	
mORF_+_2583477	2583477	2583503	+	3	27	ATG	TGA	0	0	
mORF_+_2583525	2583525	2583647	+	3	123	TTG	TAA	0	0	
mORF_+_2583562	2583562	2583591	+	1	30	TTG	TGA	0	0	
mORF_+_2583592	2583592	2583651	+	1	60	GTG	TAA	0	0	
mORF_+_2583635	2583635	2583700	+	2	66	GTG	TAA	0	0	
mORF_+_2583669	2583669	2583728	+	3	60	GTG	TAA	0	0	
mORF_+_2583728	2583728	2583763	+	2	36	ATG	TAA	0	0	
mORF_+_2583736	2583736	2583756	+	1	21	TTG	TGA	0	0	
mORF_+_2583738	2583738	2585453	+	3	1716	GTG	TAA	0	0	
mORF_+_2583757	2583757	2583846	+	1	90	TTG	TAA	0	0	
mORF_+_2583886	2583886	2584002	+	1	117	TTG	TAA	0	0	
mORF_+_2584021	2584021	2584038	+	1	18	ATG	TAA	0	0	
mORF_+_2584048	2584048	2584059	+	1	12	ATG	TGA	0	0	
mORF_+_2584060	2584060	2584080	+	1	21	ATG	TGA	0	0	
mORF_+_2584109	2584109	2584129	+	2	21	GTG	TAA	0	0	
mORF_+_2584135	2584135	2584149	+	1	15	ATG	TAG	0	0	
mORF_+_2584282	2584282	2584293	+	1	12	TTG	TGA	0	0	
mORF_+_2584321	2584321	2584452	+	1	132	TTG	TAG	0	0	
mORF_+_2584508	2584508	2584531	+	2	24	GTG	TAG	0	0	
mORF_+_2584537	2584537	2584608	+	1	72	TTG	TAA	0	0	
mORF_+_2584547	2584547	2584585	+	2	39	TTG	TGA	0	0	
mORF_+_2584609	2584609	2584680	+	1	72	ATG	TGA	0	0	
mORF_+_2584837	2584837	2584905	+	1	69	GTG	TGA	0	0	
mORF_+_2584981	2584981	2585013	+	1	33	ATG	TGA	0	0	
mORF_+_2585140	2585140	2585190	+	1	51	ATG	TGA	0	0	
mORF_+_2585191	2585191	2585199	+	1	9	ATG	TGA	0	0	
mORF_+_2585231	2585231	2585275	+	2	45	TTG	TGA	0	0	
mORF_+_2585272	2585272	2585328	+	1	57	GTG	TGA	0	0	
mORF_+_2585359	2585359	2585370	+	1	12	GTG	TGA	0	0	
mORF_+_2585431	2585431	2585448	+	1	18	GTG	TAA	0	0	
mORF_+_2585453	2585453	2585509	+	2	57	ATG	TGA	0	0	
mORF_+_2585478	2585478	2585522	+	3	45	TTG	TAA	0	0	
mORF_+_2585506	2585506	2585568	+	1	63	ATG	TGA	0	0	
mORF_+_2585565	2585565	2585636	+	3	72	GTG	TGA	0	0	
mORF_+_2585617	2585617	2588730	+	1	3114	ATG	TAA	8	15	pORF_+_2585617
mORF_+_2585633	2585633	2585680	+	2	48	TTG	TGA	0	0	
mORF_+_2585673	2585673	2585714	+	3	42	GTG	TGA	0	0	
mORF_+_2585711	2585711	2585752	+	2	42	TTG	TGA	0	0	
mORF_+_2585864	2585864	2585893	+	2	30	GTG	TAA	0	0	

mORF_+_2586035	2586035	2586115	+	2	81	TTG	TAA	0	0	
mORF_+_2586125	2586125	2586211	+	2	87	ATG	TGA	0	0	
mORF_+_2586221	2586221	2586397	+	2	177	ATG	TAA	0	0	
mORF_+_2586407	2586407	2586490	+	2	84	ATG	TAA	0	0	
mORF_+_2586572	2586572	2586640	+	2	69	ATG	TGA	0	0	
mORF_+_2586836	2586836	2586877	+	2	42	ATG	TGA	0	0	
mORF_+_2586878	2586878	2587069	+	2	192	GTG	TAG	0	0	
mORF_+_2587092	2587092	2587109	+	3	18	GTG	TAA	0	0	
mORF_+_2587094	2587094	2587117	+	2	24	GTG	TGA	0	0	
mORF_+_2587124	2587124	2587243	+	2	120	GTG	TGA	0	0	
mORF_+_2587247	2587247	2587378	+	2	132	ATG	TGA	0	0	
mORF_+_2587385	2587385	2587507	+	2	123	TTG	TGA	0	0	
mORF_+_2587547	2587547	2587699	+	2	153	TTG	TGA	0	0	
mORF_+_2587754	2587754	2587888	+	2	135	GTG	TGA	0	0	
mORF_+_2587889	2587889	2587915	+	2	27	ATG	TGA	0	0	
mORF_+_2587925	2587925	2588152	+	2	228	ATG	TAG	0	0	
mORF_+_2588174	2588174	2588314	+	2	141	TTG	TAA	0	0	
mORF_+_2588184	2588184	2588288	+	3	105	GTG	TGA	0	0	
mORF_+_2588414	2588414	2588443	+	2	30	TTG	TGA	0	0	
mORF_+_2588453	2588453	2588467	+	2	15	TTG	TGA	0	0	
mORF_+_2588489	2588489	2588536	+	2	48	TTG	TGA	0	0	
mORF_+_2588588	2588588	2588629	+	2	42	GTG	TAA	0	0	
mORF_+_2588684	2588684	2588713	+	2	30	TTG	TGA	0	0	
mORF_+_2588748	2588748	2588783	+	3	36	ATG	TAA	0	0	
mORF_+_2588756	2588756	2588845	+	2	90	GTG	TAA	0	0	
mORF_+_2588803	2588803	2589030	+	1	228	TTG	TGA	0	0	
mORF_+_2588817	2588817	2588996	+	3	180	TTG	TAA	0	0	
mORF_+_2588957	2588957	2588968	+	2	12	TTG	TGA	0	0	
mORF_+_2589002	2589002	2589016	+	2	15	ATG	TGA	0	0	
mORF_+_2589021	2589021	2589068	+	3	48	TTG	TAA	0	0	
mORF_+_2589109	2589109	2589144	+	1	36	ATG	TAA	0	0	
mORF_+_2589122	2589122	2589154	+	2	33	ATG	TAA	0	0	
mORF_+_2589158	2589158	2589169	+	2	12	TTG	TGA	0	0	
mORF_+_2589166	2589166	2589234	+	1	69	TTG	TGA	0	0	
mORF_+_2589204	2589204	2589230	+	3	27	TTG	TAA	0	0	
mORF_+_2589215	2589215	2589250	+	2	36	ATG	TAA	0	0	
mORF_+_2589231	2589231	2589395	+	3	165	ATG	TGA	0	0	
mORF_+_2589269	2589269	2589625	+	2	357	ATG	TAG	6	35	pORF_+_2589269
mORF_+_2589295	2589295	2589300	+	1	6	TTG	TGA	0	0	
mORF_+_2589322	2589322	2589339	+	1	18	TTG	TAA	0	0	
mORF_+_2589441	2589441	2589515	+	3	75	GTG	TAA	0	0	
mORF_+_2589588	2589588	2589653	+	3	66	GTG	TGA	0	0	
mORF_+_2589629	2589629	2590756	+	2	1128	ATG	TGA	16	34	pORF_+_2589629
mORF_+_2589634	2589634	2589648	+	1	15	GTG	TGA	0	0	
mORF_+_2589690	2589690	2589716	+	3	27	ATG	TGA	0	0	
mORF_+_2589700	2589700	2589720	+	1	21	ATG	TGA	0	0	
mORF_+_2589717	2589717	2589812	+	3	96	TTG	TAG	0	0	
mORF_+_2589781	2589781	2589804	+	1	24	TTG	TGA	0	0	
mORF_+_2589816	2589816	2589929	+	3	114	TTG	TGA	0	0	
mORF_+_2589859	2589859	2589879	+	1	21	TTG	TGA	0	0	
mORF_+_2589969	2589969	2590013	+	3	45	TTG	TGA	0	0	
mORF_+_2590023	2590023	2590055	+	3	33	ATG	TAA	0	0	
mORF_+_2590083	2590083	2590136	+	3	54	ATG	TAG	0	0	
mORF_+_2590137	2590137	2590148	+	3	12	GTG	TGA	0	0	
mORF_+_2590152	2590152	2590172	+	3	21	ATG	TAA	0	0	
mORF_+_2590191	2590191	2590271	+	3	81	ATG	TAG	0	0	
mORF_+_2590278	2590278	2590415	+	3	138	TTG	TGA	0	0	
mORF_+_2590282	2590282	2590299	+	1	18	GTG	TGA	0	0	
mORF_+_2590419	2590419	2590427	+	3	9	ATG	TGA	0	0	
mORF_+_2590443	2590443	2590511	+	3	69	TTG	TGA	0	0	
mORF_+_2590483	2590483	2590524	+	1	42	TTG	TAA	0	0	
mORF_+_2590533	2590533	2590586	+	3	54	ATG	TGA	0	0	
mORF_+_2590617	2590617	2590691	+	3	75	TTG	TGA	0	0	

mORF_+_2590684	2590684	2590800	+	1	117	ATG	TAA	0	0
mORF_+_2590713	2590713	2590781	+	3	69	TTG	TAA	0	0
mORF_+_2590760	2590760	2590984	+	2	225	GTG	TAA	0	0
mORF_+_2590804	2590804	2590857	+	1	54	TTG	TAA	0	0
mORF_+_2590821	2590821	2590835	+	3	15	TTG	TAG	0	0
mORF_+_2590920	2590920	2591003	+	3	84	GTG	TAG	0	0
mORF_+_2590936	2590936	2590947	+	1	12	GTG	TGA	0	0
mORF_+_2590990	2590990	2591052	+	1	63	GTG	TGA	0	0
mORF_+_2591045	2591045	2591269	+	2	225	ATG	TGA	0	0
mORF_+_2591052	2591052	2591141	+	3	90	ATG	TAG	0	0
mORF_+_2591157	2591157	2591228	+	3	72	ATG	TAA	0	0
mORF_+_2591167	2591167	2591175	+	1	9	ATG	TAA	0	0
mORF_+_2591209	2591209	2591331	+	1	123	TTG	TGA	0	0
mORF_+_2591295	2591295	2591408	+	3	114	ATG	TGA	0	0
mORF_+_2591342	2591342	2591356	+	2	15	TTG	TAG	0	0
mORF_+_2591347	2591347	2591382	+	1	36	GTG	TAG	0	0
mORF_+_2591398	2591398	2591460	+	1	63	ATG	TGA	0	0
mORF_+_2591405	2591405	2591431	+	2	27	GTG	TAA	0	0
mORF_+_2591457	2591457	2591738	+	3	282	TTG	TAA	0	0
mORF_+_2591470	2591470	2591517	+	1	48	ATG	TAG	0	0
mORF_+_2591542	2591542	2591604	+	1	63	ATG	TGA	0	0
mORF_+_2591672	2591672	2591806	+	2	135	GTG	TAA	0	0
mORF_+_2591683	2591683	2591769	+	1	87	TTG	TGA	0	0
mORF_+_2591745	2591745	2591810	+	3	66	TTG	TGA	0	0
mORF_+_2591791	2591791	2591877	+	1	87	ATG	TAA	0	0
mORF_+_2591810	2591810	2591833	+	2	24	ATG	TGA	0	0
mORF_+_2591840	2591840	2591854	+	2	15	ATG	TAA	0	0
mORF_+_2591878	2591878	2591973	+	1	96	TTG	TAA	0	0
mORF_+_2591891	2591891	2591962	+	2	72	ATG	TGA	0	0
mORF_+_2591928	2591928	2591996	+	3	69	GTG	TAA	0	0
mORF_+_2591978	2591978	2592121	+	2	144	TTG	TGA	0	0
mORF_+_2591997	2591997	2592455	+	3	459	GTG	TAA	0	0
mORF_+_2592073	2592073	2592078	+	1	6	TTG	TAA	0	0
mORF_+_2592118	2592118	2592180	+	1	63	ATG	TAG	0	0
mORF_+_2592223	2592223	2592240	+	1	18	TTG	TAA	0	0
mORF_+_2592247	2592247	2592291	+	1	45	ATG	TAA	0	0
mORF_+_2592331	2592331	2592384	+	1	54	ATG	TAA	0	0
mORF_+_2592392	2592392	2592397	+	2	6	GTG	TAA	0	0
mORF_+_2592427	2592427	2592633	+	1	207	TTG	TAA	0	0
mORF_+_2592467	2592467	2592481	+	2	15	GTG	TGA	0	0
mORF_+_2592525	2592525	2592620	+	3	96	ATG	TGA	0	0
mORF_+_2592542	2592542	2592616	+	2	75	TTG	TGA	0	0
mORF_+_2592697	2592697	2592729	+	1	33	ATG	TAA	0	0
mORF_+_2592708	2592708	2592833	+	3	126	GTG	TGA	0	0
mORF_+_2592751	2592751	2592783	+	1	33	GTG	TAA	0	0
mORF_+_2592802	2592802	2592810	+	1	9	TTG	TAA	0	0
mORF_+_2592830	2592830	2593012	+	2	183	ATG	TAG	0	0
mORF_+_2592844	2592844	2592957	+	1	114	TTG	TAA	0	0
mORF_+_2592846	2592846	2592860	+	3	15	GTG	TGA	0	0
mORF_+_2592882	2592882	2592893	+	3	12	GTG	TGA	0	0
mORF_+_2592958	2592958	2593032	+	1	75	ATG	TAA	0	0
mORF_+_2593025	2593025	2593063	+	2	39	GTG	TGA	0	0
mORF_+_2593060	2593060	2593134	+	1	75	TTG	TAA	0	0
mORF_+_2593071	2593071	2593154	+	3	84	ATG	TAA	0	0
mORF_+_2593082	2593082	2593861	+	2	780	ATG	TGA	0	0
mORF_+_2593177	2593177	2593197	+	1	21	TTG	TGA	0	0
mORF_+_2593179	2593179	2593217	+	3	39	GTG	TGA	0	0
mORF_+_2593249	2593249	2593323	+	1	75	TTG	TAG	0	0
mORF_+_2593336	2593336	2593569	+	1	234	TTG	TAA	0	0
mORF_+_2593353	2593353	2593394	+	3	42	GTG	TAA	0	0
mORF_+_2593410	2593410	2593436	+	3	27	ATG	TAG	0	0
mORF_+_2593608	2593608	2593772	+	3	165	GTG	TAA	0	0
mORF_+_2593636	2593636	2593680	+	1	45	GTG	TAA	0	0

mORF_+_2593684	2593684	2593689	+	1	6	TTG	TAG	0	0	
mORF_+_2593705	2593705	2593755	+	1	51	GTG	TAA	0	0	
mORF_+_2593777	2593777	2593854	+	1	78	ATG	TAA	0	0	
mORF_+_2593854	2593854	2594033	+	3	180	ATG	TAA	0	0	
mORF_+_2593858	2593858	2593899	+	1	42	GTG	TAA	0	0	
mORF_+_2593900	2593900	2593968	+	1	69	ATG	TAG	0	0	
mORF_+_2593925	2593925	2593957	+	2	33	GTG	TAA	0	0	
mORF_+_2593981	2593981	2593989	+	1	9	GTG	TGA	0	0	
mORF_+_2593990	2593990	2594019	+	1	30	GTG	TGA	0	0	
mORF_+_2594047	2594047	2594208	+	1	162	ATG	TGA	0	0	
mORF_+_2594100	2594100	2594168	+	3	69	TTG	TAA	0	0	
mORF_+_2594196	2594196	2594231	+	3	36	TTG	TAA	0	0	
mORF_+_2594224	2594224	2594247	+	1	24	ATG	TGA	0	0	
mORF_+_2594244	2594244	2594549	+	3	306	ATG	TGA	0	0	
mORF_+_2594305	2594305	2594325	+	1	21	TTG	TAG	0	0	
mORF_+_2594347	2594347	2594367	+	1	21	GTG	TAG	0	0	
mORF_+_2594380	2594380	2594445	+	1	66	ATG	TGA	0	0	
mORF_+_2594482	2594482	2594613	+	1	132	GTG	TAG	0	0	
mORF_+_2594495	2594495	2594515	+	2	21	TTG	TGA	0	0	
mORF_+_2594519	2594519	2594545	+	2	27	TTG	TAA	0	0	
mORF_+_2594546	2594546	2594692	+	2	147	TTG	TAG	0	0	
mORF_+_2594559	2594559	2594600	+	3	42	TTG	TAA	0	0	
mORF_+_2594693	2594693	2594761	+	2	69	ATG	TAG	0	0	
mORF_+_2594710	2594710	2594787	+	1	78	TTG	TAG	0	0	
mORF_+_2594748	2594748	2594837	+	3	90	TTG	TGA	0	0	
mORF_+_2594800	2594800	2594853	+	1	54	GTG	TGA	0	0	
mORF_+_2594834	2594834	2594914	+	2	81	ATG	TGA	0	0	
mORF_+_2594850	2594850	2594969	+	3	120	ATG	TAG	0	0	
mORF_+_2594887	2594887	2595114	+	1	228	TTG	TGA	0	0	
mORF_+_2595009	2595009	2595176	+	3	168	TTG	TAG	0	0	
mORF_+_2595207	2595207	2595236	+	3	30	TTG	TAA	0	0	
mORF_+_2595243	2595243	2595437	+	3	195	TTG	TGA	0	0	
mORF_+_2595257	2595257	2595544	+	2	288	GTG	TGA	0	0	
mORF_+_2595462	2595462	2595479	+	3	18	TTG	TAG	0	0	
mORF_+_2595480	2595480	2595674	+	3	195	TTG	TAA	0	0	
mORF_+_2595629	2595629	2595661	+	2	33	TTG	TGA	0	0	
mORF_+_2595658	2595658	2595666	+	1	9	GTG	TAA	0	0	
mORF_+_2595681	2595681	2595722	+	3	42	TTG	TGA	0	0	
mORF_+_2595691	2595691	2595942	+	1	252	GTG	TAG	0	0	
mORF_+_2595719	2595719	2595775	+	2	57	GTG	TAA	0	0	
mORF_+_2595759	2595759	2595836	+	3	78	GTG	TGA	0	0	
mORF_+_2595833	2595833	2595901	+	2	69	ATG	TGA	0	0	
mORF_+_2595932	2595932	2595982	+	2	51	ATG	TAG	0	0	
mORF_+_2595990	2595990	2596145	+	3	156	ATG	TGA	0	0	
mORF_+_2596061	2596061	2596300	+	2	240	ATG	TAA	0	0	
mORF_+_2596129	2596129	2596173	+	1	45	TTG	TAA	0	0	
mORF_+_2596167	2596167	2596208	+	3	42	TTG	TAG	0	0	
mORF_+_2596195	2596195	2596575	+	1	381	TTG	TGA	2	11	pORF_+_2596195
mORF_+_2596307	2596307	2596378	+	2	72	ATG	TGA	0	0	
mORF_+_2596460	2596460	2596474	+	2	15	GTG	TGA	0	0	
mORF_+_2596467	2596467	2596496	+	3	30	GTG	TGA	0	0	
mORF_+_2596493	2596493	2596504	+	2	12	GTG	TAG	0	0	
mORF_+_2596547	2596547	2596696	+	2	150	TTG	TAA	0	0	
mORF_+_2596572	2596572	2596592	+	3	21	ATG	TGA	0	0	
mORF_+_2596617	2596617	2596784	+	3	168	GTG	TGA	0	0	
mORF_+_2596735	2596735	2596803	+	1	69	ATG	TGA	0	0	
mORF_+_2596800	2596800	2597084	+	3	285	GTG	TGA	0	0	
mORF_+_2596870	2596870	2596926	+	1	57	TTG	TAA	0	0	
mORF_+_2596919	2596919	2597056	+	2	138	ATG	TAG	0	0	
mORF_+_2596963	2596963	2597088	+	1	126	TTG	TAA	0	0	
mORF_+_2597063	2597063	2597068	+	2	6	GTG	TAA	0	0	
mORF_+_2597095	2597095	2597163	+	1	69	GTG	TAG	0	0	
mORF_+_2597108	2597108	2597251	+	2	144	ATG	TGA	0	0	

mORF_+_2597127	2597127	2597186	+	3	60	TTG	TGA	0	0	
mORF_+_2597199	2597199	2597435	+	3	237	ATG	TGA	0	0	
mORF_+_2597293	2597293	2597304	+	1	12	TTG	TGA	0	0	
mORF_+_2597393	2597393	2597632	+	2	240	TTG	TAA	0	0	
mORF_+_2597460	2597460	2597465	+	3	6	TTG	TAG	0	0	
mORF_+_2597505	2597505	2597627	+	3	123	TTG	TGA	0	0	
mORF_+_2597649	2597649	2597693	+	3	45	GTG	TGA	0	0	
mORF_+_2597690	2597690	2597836	+	2	147	ATG	TAA	0	0	
mORF_+_2597775	2597775	2597861	+	3	87	GTG	TGA	0	0	
mORF_+_2597827	2597827	2597922	+	1	96	ATG	TAA	0	0	
mORF_+_2597862	2597862	2598500	+	3	639	TTG	TAA	13	67	pORF_+_2597862
mORF_+_2597873	2597873	2597896	+	2	24	ATG	TAA	0	0	
mORF_+_2597971	2597971	2597994	+	1	24	GTG	TGA	0	0	
mORF_+_2598010	2598010	2598117	+	1	108	ATG	TGA	0	0	
mORF_+_2598020	2598020	2598031	+	2	12	TTG	TAA	0	0	
mORF_+_2598098	2598098	2598121	+	2	24	ATG	TGA	0	0	
mORF_+_2598118	2598118	2598138	+	1	21	TTG	TGA	0	0	
mORF_+_2598142	2598142	2598162	+	1	21	GTG	TAA	0	0	
mORF_+_2598229	2598229	2598252	+	1	24	ATG	TAA	0	0	
mORF_+_2598253	2598253	2598291	+	1	39	TTG	TGA	0	0	
mORF_+_2598295	2598295	2598363	+	1	69	TTG	TAA	0	0	
mORF_+_2598400	2598400	2598522	+	1	123	TTG	TGA	0	0	
mORF_+_2598422	2598422	2598454	+	2	33	ATG	TAA	0	0	
mORF_+_2598500	2598500	2598970	+	2	471	ATG	TGA	38	910	pORF_+_2598500
mORF_+_2598519	2598519	2598575	+	3	57	GTG	TGA	0	0	
mORF_+_2598594	2598594	2598626	+	3	33	GTG	TGA	0	0	
mORF_+_2598672	2598672	2598680	+	3	9	ATG	TGA	0	0	
mORF_+_2598693	2598693	2598875	+	3	183	TTG	TGA	0	0	
mORF_+_2598796	2598796	2598822	+	1	27	GTG	TGA	0	0	
mORF_+_2598876	2598876	2598947	+	3	72	TTG	TGA	0	0	
mORF_+_2598976	2598976	2599029	+	1	54	TTG	TGA	0	0	
mORF_+_2599001	2599001	2599087	+	2	87	TTG	TGA	0	0	
mORF_+_2599026	2599026	2599094	+	3	69	GTG	TAA	0	0	
mORF_+_2599081	2599081	2599137	+	1	57	TTG	TAA	0	0	
mORF_+_2599094	2599094	2599159	+	2	66	ATG	TAA	0	0	
mORF_+_2599107	2599107	2599130	+	3	24	TTG	TAA	0	0	
mORF_+_2599165	2599165	2599269	+	1	105	ATG	TAA	0	0	
mORF_+_2599184	2599184	2599840	+	2	657	ATG	TAA	0	0	
mORF_+_2599194	2599194	2599226	+	3	33	ATG	TGA	0	0	
mORF_+_2599233	2599233	2599538	+	3	306	TTG	TGA	0	0	
mORF_+_2599372	2599372	2599386	+	1	15	GTG	TGA	0	0	
mORF_+_2599396	2599396	2599440	+	1	45	TTG	TGA	0	0	
mORF_+_2599483	2599483	2599569	+	1	87	TTG	TGA	0	0	
mORF_+_2599539	2599539	2599655	+	3	117	ATG	TGA	0	0	
mORF_+_2599657	2599657	2599671	+	1	15	ATG	TGA	0	0	
mORF_+_2599668	2599668	2599730	+	3	63	GTG	TGA	0	0	
mORF_+_2599705	2599705	2599740	+	1	36	TTG	TGA	0	0	
mORF_+_2599737	2599737	2599760	+	3	24	GTG	TGA	0	0	
mORF_+_2599776	2599776	2599892	+	3	117	TTG	TAG	0	0	
mORF_+_2599840	2599840	2601858	+	1	2019	ATG	TAA	0	0	
mORF_+_2599844	2599844	2599861	+	2	18	ATG	TAA	0	0	
mORF_+_2599886	2599886	2599972	+	2	87	TTG	TGA	0	0	
mORF_+_2599973	2599973	2600014	+	2	42	TTG	TAA	0	0	
mORF_+_2600030	2600030	2600059	+	2	30	TTG	TAA	0	0	
mORF_+_2600121	2600121	2600264	+	3	144	TTG	TGA	0	0	
mORF_+_2600216	2600216	2600230	+	2	15	TTG	TGA	0	0	
mORF_+_2600261	2600261	2600269	+	2	9	TTG	TGA	0	0	
mORF_+_2600297	2600297	2600371	+	2	75	TTG	TGA	0	0	
mORF_+_2600420	2600420	2600512	+	2	93	TTG	TGA	0	0	
mORF_+_2600658	2600658	2601233	+	3	576	GTG	TGA	0	0	
mORF_+_2600717	2600717	2600971	+	2	255	ATG	TAG	0	0	
mORF_+_2601008	2601008	2601043	+	2	36	TTG	TGA	0	0	
mORF_+_2601044	2601044	2601091	+	2	48	ATG	TAA	0	0	

mORF_+_2601095	2601095	2601109	+	2	15	GTG	TAG	0	0	
mORF_+_2601119	2601119	2601142	+	2	24	TTG	TAA	0	0	
mORF_+_2601158	2601158	2601172	+	2	15	GTG	TAA	0	0	
mORF_+_2601206	2601206	2601262	+	2	57	GTG	TGA	0	0	
mORF_+_2601302	2601302	2601337	+	2	36	TTG	TAA	0	0	
mORF_+_2601318	2601318	2601665	+	3	348	TTG	TAA	0	0	
mORF_+_2601344	2601344	2601394	+	2	51	TTG	TAG	0	0	
mORF_+_2601398	2601398	2601589	+	2	192	TTG	TGA	0	0	
mORF_+_2601602	2601602	2601655	+	2	54	GTG	TGA	0	0	
mORF_+_2601671	2601671	2601727	+	2	57	TTG	TGA	0	0	
mORF_+_2601804	2601804	2601872	+	3	69	TTG	TGA	0	0	
mORF_+_2601812	2601812	2601841	+	2	30	ATG	TAA	0	0	
mORF_+_2601848	2601848	2602816	+	2	969	TTG	TAA	0	0	
mORF_+_2601883	2601883	2602044	+	1	162	TTG	TAA	0	0	
mORF_+_2601906	2601906	2601914	+	3	9	TTG	TAG	0	0	
mORF_+_2602056	2602056	2602079	+	3	24	TTG	TGA	0	0	
mORF_+_2602096	2602096	2602455	+	1	360	GTG	TGA	0	0	
mORF_+_2602164	2602164	2602184	+	3	21	TTG	TGA	0	0	
mORF_+_2602203	2602203	2602286	+	3	84	TTG	TGA	0	0	
mORF_+_2602434	2602434	2602517	+	3	84	GTG	TGA	0	0	
mORF_+_2602530	2602530	2602547	+	3	18	GTG	TAG	0	0	
mORF_+_2602552	2602552	2602851	+	1	300	ATG	TGA	0	0	
mORF_+_2602593	2602593	2602652	+	3	60	TTG	TGA	0	0	
mORF_+_2602659	2602659	2602688	+	3	30	TTG	TGA	0	0	
mORF_+_2602692	2602692	2602757	+	3	66	TTG	TGA	0	0	
mORF_+_2602764	2602764	2602805	+	3	42	TTG	TAA	0	0	
mORF_+_2602833	2602833	2604272	+	3	1440	ATG	TAA	0	0	
mORF_+_2602919	2602919	2602993	+	2	75	ATG	TAA	0	0	
mORF_+_2602996	2602996	2603010	+	1	15	TTG	TGA	0	0	
mORF_+_2603029	2603029	2603064	+	1	36	ATG	TGA	0	0	
mORF_+_2603080	2603080	2603133	+	1	54	TTG	TGA	0	0	
mORF_+_2603257	2603257	2603289	+	1	33	TTG	TGA	0	0	
mORF_+_2603374	2603374	2603427	+	1	54	TTG	TGA	0	0	
mORF_+_2603461	2603461	2603583	+	1	123	ATG	TGA	0	0	
mORF_+_2603483	2603483	2603851	+	2	369	GTG	TAA	0	0	
mORF_+_2603602	2603602	2603643	+	1	42	TTG	TGA	0	0	
mORF_+_2603644	2603644	2603697	+	1	54	TTG	TGA	0	0	
mORF_+_2603755	2603755	2603871	+	1	117	TTG	TAG	0	0	
mORF_+_2603875	2603875	2603883	+	1	9	GTG	TGA	0	0	
mORF_+_2603920	2603920	2604081	+	1	162	GTG	TGA	0	0	
mORF_+_2604094	2604094	2604213	+	1	120	TTG	TGA	0	0	
mORF_+_2604214	2604214	2604222	+	1	9	TTG	TGA	0	0	
mORF_+_2604223	2604223	2604228	+	1	6	TTG	TGA	0	0	
mORF_+_2604277	2604277	2604309	+	1	33	ATG	TAA	0	0	
mORF_+_2604284	2604284	2604934	+	2	651	ATG	TAA	0	0	
mORF_+_2604342	2604342	2604347	+	3	6	TTG	TGA	0	0	
mORF_+_2604373	2604373	2604942	+	1	570	ATG	TGA	1	5	pORF_+_2604373
mORF_+_2604597	2604597	2604632	+	3	36	TTG	TGA	0	0	
mORF_+_2604693	2604693	2604755	+	3	63	TTG	TGA	0	0	
mORF_+_2604789	2604789	2604821	+	3	33	TTG	TAG	0	0	
mORF_+_2604852	2604852	2604857	+	3	6	TTG	TGA	0	0	
mORF_+_2604939	2604939	2606519	+	3	1581	ATG	TAA	0	0	
mORF_+_2605003	2605003	2605044	+	1	42	TTG	TGA	0	0	
mORF_+_2605114	2605114	2605194	+	1	81	ATG	TGA	0	0	
mORF_+_2605142	2605142	2605156	+	2	15	GTG	TGA	0	0	
mORF_+_2605195	2605195	2605344	+	1	150	TTG	TGA	0	0	
mORF_+_2605274	2605274	2605339	+	2	66	GTG	TAA	0	0	
mORF_+_2605345	2605345	2605350	+	1	6	TTG	TGA	0	0	
mORF_+_2605352	2605352	2605561	+	2	210	GTG	TAA	0	0	
mORF_+_2605459	2605459	2605590	+	1	132	TTG	TAA	0	0	
mORF_+_2605603	2605603	2605617	+	1	15	TTG	TAA	0	0	
mORF_+_2605618	2605618	2605725	+	1	108	TTG	TGA	0	0	
mORF_+_2605766	2605766	2605870	+	2	105	TTG	TAA	0	0	

mORF_+_2605828	2605828	2605926	+	1	99	TTG	TAG	0	0
mORF_+_2605930	2605930	2605974	+	1	45	TTG	TAA	0	0
mORF_+_2606017	2606017	2606163	+	1	147	ATG	TGA	0	0
mORF_+_2606302	2606302	2606319	+	1	18	GTG	TGA	0	0
mORF_+_2606464	2606464	2608176	+	1	1713	ATG	TAA	0	0
mORF_+_2606534	2606534	2606560	+	2	27	GTG	TGA	0	0
mORF_+_2606588	2606588	2606629	+	2	42	ATG	TGA	0	0
mORF_+_2606651	2606651	2606788	+	2	138	TTG	TGA	0	0
mORF_+_2606772	2606772	2606936	+	3	165	ATG	TGA	0	0
mORF_+_2606801	2606801	2606890	+	2	90	ATG	TGA	0	0
mORF_+_2606897	2606897	2607058	+	2	162	TTG	TGA	0	0
mORF_+_2607089	2607089	2607214	+	2	126	ATG	TGA	0	0
mORF_+_2607234	2607234	2607284	+	3	51	GTG	TGA	0	0
mORF_+_2607236	2607236	2607451	+	2	216	GTG	TGA	0	0
mORF_+_2607503	2607503	2607553	+	2	51	TTG	TGA	0	0
mORF_+_2607605	2607605	2607760	+	2	156	TTG	TGA	0	0
mORF_+_2607767	2607767	2607841	+	2	75	GTG	TGA	0	0
mORF_+_2607884	2607884	2608036	+	2	153	TTG	TGA	0	0
mORF_+_2608049	2608049	2608081	+	2	33	TTG	TGA	0	0
mORF_+_2608091	2608091	2608171	+	2	81	ATG	TGA	0	0
mORF_+_2608186	2608186	2608731	+	1	546	ATG	TGA	0	0
mORF_+_2608302	2608302	2608430	+	3	129	ATG	TGA	0	0
mORF_+_2608307	2608307	2608351	+	2	45	TTG	TGA	0	0
mORF_+_2608427	2608427	2608480	+	2	54	GTG	TGA	0	0
mORF_+_2608437	2608437	2608469	+	3	33	GTG	TAA	0	0
mORF_+_2608533	2608533	2608589	+	3	57	TTG	TGA	0	0
mORF_+_2608556	2608556	2608597	+	2	42	TTG	TAG	0	0
mORF_+_2608610	2608610	2608684	+	2	75	ATG	TGA	0	0
mORF_+_2608635	2608635	2608718	+	3	84	GTG	TAA	0	0
mORF_+_2608700	2608700	2608870	+	2	171	ATG	TGA	0	0
mORF_+_2608728	2608728	2609486	+	3	759	ATG	TGA	0	0
mORF_+_2608750	2608750	2608794	+	1	45	ATG	TGA	0	0
mORF_+_2608867	2608867	2609250	+	1	384	GTG	TGA	0	0
mORF_+_2609039	2609039	2609110	+	2	72	TTG	TAG	0	0
mORF_+_2609135	2609135	2609302	+	2	168	TTG	TGA	0	0
mORF_+_2609299	2609299	2609373	+	1	75	TTG	TAA	0	0
mORF_+_2609348	2609348	2609401	+	2	54	TTG	TAA	0	0
mORF_+_2609416	2609416	2609892	+	1	477	ATG	TGA	0	0
mORF_+_2609490	2609490	2609540	+	3	51	GTG	TAG	0	0
mORF_+_2609501	2609501	2609572	+	2	72	TTG	TAA	0	0
mORF_+_2609603	2609603	2609611	+	2	9	TTG	TGA	0	0
mORF_+_2609612	2609612	2609623	+	2	12	TTG	TGA	0	0
mORF_+_2609616	2609616	2609699	+	3	84	TTG	TAA	0	0
mORF_+_2609624	2609624	2609647	+	2	24	ATG	TGA	0	0
mORF_+_2609666	2609666	2609713	+	2	48	TTG	TGA	0	0
mORF_+_2609720	2609720	2609761	+	2	42	TTG	TGA	0	0
mORF_+_2609786	2609786	2609872	+	2	87	ATG	TGA	0	0
mORF_+_2609802	2609802	2609816	+	3	15	GTG	TAG	0	0
mORF_+_2609885	2609885	2609974	+	2	90	TTG	TGA	0	0
mORF_+_2609889	2609889	2609909	+	3	21	GTG	TAA	0	0
mORF_+_2609919	2609919	2611934	+	3	2016	TTG	TAA	0	0
mORF_+_2609947	2609947	2609967	+	1	21	TTG	TAA	0	0
mORF_+_2609971	2609971	2609982	+	1	12	TTG	TAA	0	0
mORF_+_2610082	2610082	2610144	+	1	63	TTG	TGA	0	0
mORF_+_2610211	2610211	2610300	+	1	90	GTG	TAA	0	0
mORF_+_2610269	2610269	2610283	+	2	15	TTG	TAA	0	0
mORF_+_2610320	2610320	2610331	+	2	12	ATG	TGA	0	0
mORF_+_2610328	2610328	2610441	+	1	114	ATG	TGA	0	0
mORF_+_2610457	2610457	2610609	+	1	153	GTG	TGA	0	0
mORF_+_2610536	2610536	2610658	+	2	123	GTG	TGA	0	0
mORF_+_2610649	2610649	2610831	+	1	183	GTG	TAG	0	0
mORF_+_2610847	2610847	2610882	+	1	36	TTG	TGA	0	0
mORF_+_2610955	2610955	2611005	+	1	51	GTG	TAG	0	0

mORF_+_2611009	2611009	2611038	+	1	30	TTG	TGA	0	0	
mORF_+_2611040	2611040	2611048	+	2	9	TTG	TGA	0	0	
mORF_+_2611042	2611042	2611071	+	1	30	GTG	TGA	0	0	
mORF_+_2611162	2611162	2611281	+	1	120	GTG	TAG	0	0	
mORF_+_2611324	2611324	2611359	+	1	36	TTG	TGA	0	0	
mORF_+_2611360	2611360	2611446	+	1	87	ATG	TGA	0	0	
mORF_+_2611394	2611394	2611408	+	2	15	GTG	TGA	0	0	
mORF_+_2611447	2611447	2611506	+	1	60	ATG	TAG	0	0	
mORF_+_2611552	2611552	2611587	+	1	36	TTG	TGA	0	0	
mORF_+_2611592	2611592	2611636	+	2	45	GTG	TGA	0	0	
mORF_+_2611633	2611633	2611653	+	1	21	TTG	TGA	0	0	
mORF_+_2611657	2611657	2611671	+	1	15	GTG	TGA	0	0	
mORF_+_2611684	2611684	2611716	+	1	33	ATG	TAA	0	0	
mORF_+_2611717	2611717	2611866	+	1	150	ATG	TAG	0	0	
mORF_+_2611942	2611942	2611959	+	1	18	TTG	TGA	0	0	
mORF_+_2611952	2611952	2612014	+	2	63	ATG	TGA	0	0	
mORF_+_2611956	2611956	2612804	+	3	849	ATG	TGA	0	0	
mORF_+_2612020	2612020	2612064	+	1	45	TTG	TAA	0	0	
mORF_+_2612128	2612128	2612151	+	1	24	ATG	TAA	0	0	
mORF_+_2612171	2612171	2612269	+	2	99	TTG	TAG	0	0	
mORF_+_2612270	2612270	2612290	+	2	21	TTG	TAA	0	0	
mORF_+_2612326	2612326	2612346	+	1	21	TTG	TAA	0	0	
mORF_+_2612371	2612371	2612472	+	1	102	GTG	TGA	0	0	
mORF_+_2612384	2612384	2612440	+	2	57	GTG	TGA	0	0	
mORF_+_2612462	2612462	2612575	+	2	114	GTG	TGA	0	0	
mORF_+_2612557	2612557	2612601	+	1	45	TTG	TGA	0	0	
mORF_+_2612614	2612614	2612688	+	1	75	TTG	TGA	0	0	
mORF_+_2612749	2612749	2612763	+	1	15	GTG	TGA	0	0	
mORF_+_2612768	2612768	2612878	+	2	111	GTG	TGA	0	0	
mORF_+_2612848	2612848	2612964	+	1	117	TTG	TAA	0	0	
mORF_+_2612888	2612888	2613040	+	2	153	TTG	TGA	0	0	
mORF_+_2612980	2612980	2613018	+	1	39	ATG	TAA	0	0	
mORF_+_2613119	2613119	2613193	+	2	75	ATG	TAG	0	0	
mORF_+_2613132	2613132	2613152	+	3	21	ATG	TAA	0	0	
mORF_+_2613224	2613224	2613271	+	2	48	GTG	TAG	0	0	
mORF_+_2613272	2613272	2613286	+	2	15	TTG	TGA	0	0	
mORF_+_2613280	2613280	2613534	+	1	255	TTG	TAA	0	0	
mORF_+_2613365	2613365	2613412	+	2	48	TTG	TAG	0	0	
mORF_+_2613393	2613393	2613518	+	3	126	ATG	TAA	0	0	
mORF_+_2613419	2613419	2613544	+	2	126	ATG	TAG	0	0	
mORF_+_2613557	2613557	2613613	+	2	57	GTG	TAG	0	0	
mORF_+_2613614	2613614	2613757	+	2	144	ATG	TAG	0	0	
mORF_+_2613622	2613622	2613660	+	1	39	TTG	TAG	0	0	
mORF_+_2613724	2613724	2613831	+	1	108	TTG	TAA	0	0	
mORF_+_2613738	2613738	2613770	+	3	33	TTG	TAG	0	0	
mORF_+_2613812	2613812	2614003	+	2	192	ATG	TGA	0	0	
mORF_+_2613883	2613883	2613918	+	1	36	TTG	TGA	0	0	
mORF_+_2613934	2613934	2614110	+	1	177	TTG	TAG	0	0	
mORF_+_2613957	2613957	2613986	+	3	30	ATG	TGA	0	0	
mORF_+_2614016	2614016	2614024	+	2	9	GTG	TAA	0	0	
mORF_+_2614116	2614116	2615579	+	3	1464	ATG	TAA	23	64	pORF_+_2614116
mORF_+_2614144	2614144	2614167	+	1	24	TTG	TGA	0	0	
mORF_+_2614171	2614171	2614182	+	1	12	TTG	TAG	0	0	
mORF_+_2614192	2614192	2614314	+	1	123	TTG	TAA	0	0	
mORF_+_2614318	2614318	2614332	+	1	15	ATG	TAA	0	0	
mORF_+_2614372	2614372	2614410	+	1	39	ATG	TGA	0	0	
mORF_+_2614435	2614435	2614593	+	1	159	TTG	TGA	0	0	
mORF_+_2614714	2614714	2614848	+	1	135	ATG	TGA	0	0	
mORF_+_2614879	2614879	2615214	+	1	336	ATG	TGA	0	0	
mORF_+_2615012	2615012	2615086	+	2	75	ATG	TAA	0	0	
mORF_+_2615144	2615144	2615167	+	2	24	ATG	TGA	0	0	
mORF_+_2615218	2615218	2615313	+	1	96	ATG	TGA	0	0	
mORF_+_2615338	2615338	2615385	+	1	48	ATG	TAA	0	0	

mORF_+_2615425	2615425	2615466	+	1	42	ATG	TGA	0	0	
mORF_+_2615518	2615518	2615589	+	1	72	ATG	TAA	0	0	
mORF_+_2615600	2615600	2615959	+	2	360	ATG	TAA	18	118	pORF_+_2615600
mORF_+_2615706	2615706	2615747	+	3	42	TTG	TGA	0	0	
mORF_+_2615772	2615772	2615780	+	3	9	GTG	TGA	0	0	
mORF_+_2615892	2615892	2615981	+	3	90	TTG	TGA	0	0	
mORF_+_2615963	2615963	2615977	+	2	15	GTG	TAG	0	0	
mORF_+_2615978	2615978	2616052	+	2	75	TTG	TAG	0	0	
mORF_+_2615988	2615988	2616152	+	3	165	TTG	TAA	0	0	
mORF_+_2615995	2615995	2616042	+	1	48	ATG	TAA	0	0	
mORF_+_2616128	2616128	2616172	+	2	45	ATG	TGA	0	0	
mORF_+_2616142	2616142	2616189	+	1	48	TTG	TAG	0	0	
mORF_+_2616191	2616191	2616322	+	2	132	GTG	TAG	0	0	
mORF_+_2616306	2616306	2616398	+	3	93	GTG	TGA	0	0	
mORF_+_2616395	2616395	2616439	+	2	45	GTG	TAG	0	0	
mORF_+_2616408	2616408	2617106	+	3	699	GTG	TAA	0	0	
mORF_+_2616488	2616488	2616574	+	2	87	ATG	TAG	0	0	
mORF_+_2616514	2616514	2616711	+	1	198	ATG	TAA	0	0	
mORF_+_2616662	2616662	2616667	+	2	6	ATG	TAA	0	0	
mORF_+_2616791	2616791	2616862	+	2	72	GTG	TGA	0	0	
mORF_+_2616859	2616859	2616957	+	1	99	TTG	TGA	0	0	
mORF_+_2617093	2617093	2617152	+	1	60	GTG	TGA	0	0	
mORF_+_2617149	2617149	2617160	+	3	12	ATG	TAA	0	0	
mORF_+_2617192	2617192	2617209	+	1	18	ATG	TAG	0	0	
mORF_+_2617290	2617290	2617322	+	3	33	GTG	TAA	0	0	
mORF_+_2617330	2617330	2617338	+	1	9	TTG	TAG	0	0	
mORF_+_2617391	2617391	2617477	+	2	87	GTG	TAA	0	0	
mORF_+_2617422	2617422	2617529	+	3	108	TTG	TAG	0	0	
mORF_+_2617534	2617534	2617560	+	1	27	TTG	TAA	0	0	
mORF_+_2617550	2617550	2617627	+	2	78	GTG	TAA	0	0	
mORF_+_2617569	2617569	2617982	+	3	414	GTG	TAA	0	0	
mORF_+_2617588	2617588	2617638	+	1	51	TTG	TAA	0	0	
mORF_+_2617639	2617639	2617680	+	1	42	TTG	TGA	0	0	
mORF_+_2617727	2617727	2617747	+	2	21	TTG	TAA	0	0	
mORF_+_2617801	2617801	2617866	+	1	66	TTG	TAA	0	0	
mORF_+_2617951	2617951	2617959	+	1	9	GTG	TAA	0	0	
mORF_+_2618004	2618004	2618066	+	3	63	ATG	TGA	0	0	
mORF_+_2618063	2618063	2618071	+	2	9	ATG	TAA	0	0	
mORF_+_2618089	2618089	2618124	+	1	36	TTG	TAA	0	0	
mORF_+_2618100	2618100	2619005	+	3	906	ATG	TGA	1	3	pORF_+_2618100
mORF_+_2618111	2618111	2618140	+	2	30	ATG	TAA	0	0	
mORF_+_2618131	2618131	2618169	+	1	39	TTG	TAG	0	0	
mORF_+_2618201	2618201	2618242	+	2	42	ATG	TAA	0	0	
mORF_+_2618203	2618203	2618211	+	1	9	GTG	TAG	0	0	
mORF_+_2618287	2618287	2618343	+	1	57	TTG	TGA	0	0	
mORF_+_2618351	2618351	2618434	+	2	84	ATG	TGA	0	0	
mORF_+_2618431	2618431	2618775	+	1	345	TTG	TAA	0	0	
mORF_+_2618492	2618492	2618539	+	2	48	TTG	TAG	0	0	
mORF_+_2618669	2618669	2618683	+	2	15	TTG	TAA	0	0	
mORF_+_2618818	2618818	2618910	+	1	93	TTG	TGA	0	0	
mORF_+_2618867	2618867	2618878	+	2	12	GTG	TGA	0	0	
mORF_+_2619002	2619002	2619010	+	2	9	TTG	TAA	0	0	
mORF_+_2619028	2619028	2619132	+	1	105	ATG	TAA	0	0	
mORF_+_2619114	2619114	2619200	+	3	87	GTG	TAA	0	0	
mORF_+_2619125	2619125	2619229	+	2	105	TTG	TAA	0	0	
mORF_+_2619204	2619204	2620256	+	3	1053	GTG	TAA	46	613	pORF_+_2619204
mORF_+_2619250	2619250	2619306	+	1	57	ATG	TAG	0	0	
mORF_+_2619355	2619355	2619420	+	1	66	GTG	TAG	0	0	
mORF_+_2619362	2619362	2619388	+	2	27	GTG	TGA	0	0	
mORF_+_2619466	2619466	2619585	+	1	120	TTG	TGA	0	0	
mORF_+_2619488	2619488	2619496	+	2	9	GTG	TAA	0	0	
mORF_+_2619595	2619595	2619711	+	1	117	TTG	TAG	0	0	
mORF_+_2619605	2619605	2619673	+	2	69	TTG	TGA	0	0	

mORF_+_2619754	2619754	2619762	+	1	9	ATG	TGA	0	0	
mORF_+_2619763	2619763	2619873	+	1	111	TTG	TAG	0	0	
mORF_+_2619833	2619833	2619838	+	2	6	TTG	TGA	0	0	
mORF_+_2619928	2619928	2619963	+	1	36	TTG	TGA	0	0	
mORF_+_2620024	2620024	2620131	+	1	108	TTG	TGA	0	0	
mORF_+_2620043	2620043	2620081	+	2	39	GTG	TAA	0	0	
mORF_+_2620135	2620135	2620293	+	1	159	TTG	TAA	0	0	
mORF_+_2620199	2620199	2620228	+	2	30	GTG	TGA	0	0	
mORF_+_2620256	2620256	2620894	+	2	639	ATG	TAA	18	129	pORF_+_2620256
mORF_+_2620263	2620263	2620469	+	3	207	TTG	TGA	0	0	
mORF_+_2620473	2620473	2620571	+	3	99	ATG	TGA	0	0	
mORF_+_2620635	2620635	2620796	+	3	162	ATG	TGA	0	0	
mORF_+_2620806	2620806	2620823	+	3	18	TTG	TGA	0	0	
mORF_+_2620843	2620843	2620905	+	1	63	GTG	TAA	0	0	
mORF_+_2620851	2620851	2621057	+	3	207	ATG	TAA	0	0	
mORF_+_2620993	2620993	2621022	+	1	30	TTG	TAA	0	0	
mORF_+_2621033	2621033	2621047	+	2	15	GTG	TAA	0	0	
mORF_+_2621060	2621060	2623132	+	2	2073	GTG	TAA	28	93	pORF_+_2621060
mORF_+_2621104	2621104	2621121	+	1	18	TTG	TGA	0	0	
mORF_+_2621118	2621118	2621162	+	3	45	ATG	TGA	0	0	
mORF_+_2621163	2621163	2621237	+	3	75	TTG	TGA	0	0	
mORF_+_2621397	2621397	2621483	+	3	87	ATG	TAA	0	0	
mORF_+_2621520	2621520	2621615	+	3	96	ATG	TGA	0	0	
mORF_+_2621685	2621685	2621726	+	3	42	TTG	TGA	0	0	
mORF_+_2621727	2621727	2621741	+	3	15	ATG	TGA	0	0	
mORF_+_2621754	2621754	2621771	+	3	18	ATG	TAG	0	0	
mORF_+_2621775	2621775	2621795	+	3	21	ATG	TGA	0	0	
mORF_+_2621850	2621850	2621906	+	3	57	TTG	TGA	0	0	
mORF_+_2621979	2621979	2622002	+	3	24	ATG	TGA	0	0	
mORF_+_2622031	2622031	2622039	+	1	9	TTG	TGA	0	0	
mORF_+_2622036	2622036	2622224	+	3	189	TTG	TGA	0	0	
mORF_+_2622264	2622264	2622320	+	3	57	TTG	TGA	0	0	
mORF_+_2622405	2622405	2622488	+	3	84	GTG	TGA	0	0	
mORF_+_2622495	2622495	2622560	+	3	66	ATG	TGA	0	0	
mORF_+_2622564	2622564	2622575	+	3	12	TTG	TAA	0	0	
mORF_+_2622609	2622609	2622671	+	3	63	ATG	TGA	0	0	
mORF_+_2622684	2622684	2622773	+	3	90	TTG	TGA	0	0	
mORF_+_2622763	2622763	2622795	+	1	33	GTG	TAG	0	0	
mORF_+_2622807	2622807	2622908	+	3	102	GTG	TGA	0	0	
mORF_+_2622918	2622918	2622965	+	3	48	TTG	TGA	0	0	
mORF_+_2623098	2623098	2624678	+	3	1581	ATG	TAA	14	38	pORF_+_2623098
mORF_+_2623174	2623174	2623218	+	1	45	TTG	TAG	0	0	
mORF_+_2623222	2623222	2623230	+	1	9	GTG	TAG	0	0	
mORF_+_2623231	2623231	2623260	+	1	30	ATG	TGA	0	0	
mORF_+_2623309	2623309	2623323	+	1	15	GTG	TGA	0	0	
mORF_+_2623351	2623351	2623395	+	1	45	TTG	TAG	0	0	
mORF_+_2623396	2623396	2623425	+	1	30	TTG	TGA	0	0	
mORF_+_2623474	2623474	2623509	+	1	36	TTG	TGA	0	0	
mORF_+_2623561	2623561	2623593	+	1	33	TTG	TGA	0	0	
mORF_+_2623594	2623594	2623740	+	1	147	TTG	TAA	0	0	
mORF_+_2623640	2623640	2623687	+	2	48	TTG	TAA	0	0	
mORF_+_2623771	2623771	2623797	+	1	27	TTG	TAA	0	0	
mORF_+_2623807	2623807	2623818	+	1	12	ATG	TAA	0	0	
mORF_+_2623970	2623970	2623984	+	2	15	ATG	TGA	0	0	
mORF_+_2623975	2623975	2623992	+	1	18	GTG	TAG	0	0	
mORF_+_2623999	2623999	2624259	+	1	261	GTG	TGA	0	0	
mORF_+_2624174	2624174	2624248	+	2	75	GTG	TGA	0	0	
mORF_+_2624311	2624311	2624346	+	1	36	GTG	TGA	0	0	
mORF_+_2624458	2624458	2624511	+	1	54	TTG	TGA	0	0	
mORF_+_2624524	2624524	2624640	+	1	117	ATG	TGA	0	0	
mORF_+_2624644	2624644	2624784	+	1	141	TTG	TAA	0	0	
mORF_+_2624700	2624700	2624789	+	3	90	ATG	TAA	0	0	
mORF_+_2624888	2624888	2624929	+	2	42	GTG	TGA	0	0	

mORF_+_2624899	2624899	2624946	+	1	48	ATG	TAA	0	0	
mORF_+_2624937	2624937	2624999	+	3	63	TTG	TAG	0	0	
mORF_+_2625012	2625012	2625053	+	3	42	GTG	TGA	0	0	
mORF_+_2625056	2625056	2625304	+	2	249	ATG	TAA	0	0	
mORF_+_2625066	2625066	2625143	+	3	78	GTG	TGA	0	0	
mORF_+_2625199	2625199	2625213	+	1	15	TTG	TAA	0	0	
mORF_+_2625276	2625276	2625392	+	3	117	ATG	TAA	0	0	
mORF_+_2625314	2625314	2625463	+	2	150	GTG	TAG	1	2	pORF_+_2625314
mORF_+_2625441	2625441	2625596	+	3	156	TTG	TAG	0	0	
mORF_+_2625500	2625500	2625577	+	2	78	TTG	TAG	0	0	
mORF_+_2625511	2625511	2625633	+	1	123	TTG	TGA	0	0	
mORF_+_2625599	2625599	2625799	+	2	201	ATG	TGA	0	0	
mORF_+_2625657	2625657	2625767	+	3	111	ATG	TGA	0	0	
mORF_+_2625700	2625700	2625708	+	1	9	GTG	TAA	0	0	
mORF_+_2625796	2625796	2625843	+	1	48	GTG	TGA	0	0	
mORF_+_2625806	2625806	2625886	+	2	81	GTG	TAA	0	0	
mORF_+_2625822	2625822	2625830	+	3	9	TTG	TGA	0	0	
mORF_+_2625840	2625840	2625851	+	3	12	ATG	TAG	0	0	
mORF_+_2625870	2625870	2625890	+	3	21	ATG	TAA	0	0	
mORF_+_2625943	2625943	2625993	+	1	51	TTG	TGA	0	0	
mORF_+_2625950	2625950	2626216	+	2	267	ATG	TAA	0	0	
mORF_+_2625984	2625984	2626007	+	3	24	ATG	TGA	0	0	
mORF_+_2626012	2626012	2626035	+	1	24	TTG	TGA	0	0	
mORF_+_2626032	2626032	2626058	+	3	27	TTG	TAA	0	0	
mORF_+_2626071	2626071	2626091	+	3	21	ATG	TAG	0	0	
mORF_+_2626101	2626101	2626112	+	3	12	ATG	TAA	0	0	
mORF_+_2626128	2626128	2626175	+	3	48	ATG	TAA	0	0	
mORF_+_2626216	2626216	2626239	+	1	24	ATG	TAA	0	0	
mORF_+_2626230	2626230	2626364	+	3	135	TTG	TAA	0	0	
mORF_+_2626243	2626243	2626329	+	1	87	TTG	TGA	0	0	
mORF_+_2626355	2626355	2626375	+	2	21	TTG	TAA	0	0	
mORF_+_2626381	2626381	2626404	+	1	24	ATG	TGA	0	0	
mORF_+_2626401	2626401	2626412	+	3	12	ATG	TAG	0	0	
mORF_+_2626458	2626458	2626655	+	3	198	TTG	TAA	0	0	
mORF_+_2626528	2626528	2626644	+	1	117	ATG	TAA	0	0	
mORF_+_2626616	2626616	2626621	+	2	6	ATG	TGA	0	0	
mORF_+_2626671	2626671	2626715	+	3	45	ATG	TAA	0	0	
mORF_+_2626699	2626699	2626782	+	1	84	ATG	TGA	0	0	
mORF_+_2626734	2626734	2626823	+	3	90	TTG	TAA	0	0	
mORF_+_2626807	2626807	2626866	+	1	60	GTG	TAA	0	0	
mORF_+_2626850	2626850	2626891	+	2	42	ATG	TAA	0	0	
mORF_+_2626866	2626866	2626943	+	3	78	ATG	TAA	0	0	
mORF_+_2626945	2626945	2626962	+	1	18	TTG	TAG	0	0	
mORF_+_2626963	2626963	2627022	+	1	60	ATG	TGA	0	0	
mORF_+_2627029	2627029	2627061	+	1	33	ATG	TGA	0	0	
mORF_+_2627058	2627058	2627078	+	3	21	TTG	TGA	0	0	
mORF_+_2627068	2627068	2627091	+	1	24	GTG	TGA	0	0	
mORF_+_2627075	2627075	2627110	+	2	36	ATG	TAA	0	0	
mORF_+_2627088	2627088	2627120	+	3	33	TTG	TAA	0	0	
mORF_+_2627120	2627120	2627176	+	2	57	ATG	TAA	0	0	
mORF_+_2627139	2627139	2627180	+	3	42	ATG	TAA	0	0	
mORF_+_2627167	2627167	2627172	+	1	6	TTG	TAA	0	0	
mORF_+_2627204	2627204	2627242	+	2	39	ATG	TGA	0	0	
mORF_+_2627239	2627239	2627271	+	1	33	TTG	TAA	0	0	
mORF_+_2627256	2627256	2627315	+	3	60	TTG	TGA	0	0	
mORF_+_2627258	2627258	2627266	+	2	9	GTG	TAA	0	0	
mORF_+_2627312	2627312	2627503	+	2	192	GTG	TAG	0	0	
mORF_+_2627400	2627400	2627534	+	3	135	TTG	TAA	0	0	
mORF_+_2627552	2627552	2627602	+	2	51	ATG	TAA	0	0	
mORF_+_2627565	2627565	2627711	+	3	147	TTG	TGA	0	0	
mORF_+_2627626	2627626	2627679	+	1	54	ATG	TAA	0	0	
mORF_+_2627639	2627639	2627653	+	2	15	TTG	TAA	0	0	
mORF_+_2627708	2627708	2627827	+	2	120	GTG	TAA	0	0	

mORF_+_2627778	2627778	2627795	+	3	18	ATG	TAA	0	0
mORF_+_2627797	2627797	2627814	+	1	18	GTG	TAG	0	0
mORF_+_2627814	2627814	2628332	+	3	519	GTG	TAA	0	0
mORF_+_2627831	2627831	2627893	+	2	63	ATG	TGA	0	0
mORF_+_2627887	2627887	2627931	+	1	45	ATG	TGA	0	0
mORF_+_2627986	2627986	2627994	+	1	9	TTG	TAG	0	0
mORF_+_2628040	2628040	2628132	+	1	93	TTG	TAG	0	0
mORF_+_2628157	2628157	2628171	+	1	15	ATG	TAG	0	0
mORF_+_2628178	2628178	2628189	+	1	12	GTG	TAA	0	0
mORF_+_2628239	2628239	2628286	+	2	48	GTG	TAA	0	0
mORF_+_2628265	2628265	2628351	+	1	87	TTG	TGA	0	0
mORF_+_2628314	2628314	2628322	+	2	9	ATG	TGA	0	0
mORF_+_2628348	2628348	2628887	+	3	540	ATG	TAA	0	0
mORF_+_2628365	2628365	2628457	+	2	93	TTG	TAA	0	0
mORF_+_2628460	2628460	2628672	+	1	213	ATG	TAG	0	0
mORF_+_2628485	2628485	2628556	+	2	72	ATG	TAA	0	0
mORF_+_2628775	2628775	2628813	+	1	39	ATG	TGA	0	0
mORF_+_2628891	2628891	2628914	+	3	24	ATG	TAA	0	0
mORF_+_2628918	2628918	2628941	+	3	24	TTG	TAG	0	0
mORF_+_2628954	2628954	2629358	+	3	405	TTG	TGA	0	0
mORF_+_2628967	2628967	2628999	+	1	33	GTG	TAG	0	0
mORF_+_2629097	2629097	2629672	+	2	576	ATG	TGA	0	0
mORF_+_2629108	2629108	2629119	+	1	12	GTG	TAA	0	0
mORF_+_2629368	2629368	2629487	+	3	120	ATG	TGA	0	0
mORF_+_2629491	2629491	2629547	+	3	57	TTG	TAG	0	0
mORF_+_2629501	2629501	2629536	+	1	36	GTG	TAA	0	0
mORF_+_2629548	2629548	2629700	+	3	153	ATG	TGA	0	0
mORF_+_2629639	2629639	2629710	+	1	72	TTG	TAA	0	0
mORF_+_2629697	2629697	2630560	+	2	864	GTG	TGA	0	0
mORF_+_2629704	2629704	2629721	+	3	18	ATG	TGA	0	0
mORF_+_2629755	2629755	2630003	+	3	249	TTG	TGA	0	0
mORF_+_2629825	2629825	2629869	+	1	45	TTG	TGA	0	0
mORF_+_2630058	2630058	2630231	+	3	174	ATG	TAG	0	0
mORF_+_2630197	2630197	2630250	+	1	54	GTG	TAG	0	0
mORF_+_2630278	2630278	2630370	+	1	93	TTG	TAG	0	0
mORF_+_2630283	2630283	2630300	+	3	18	ATG	TAG	0	0
mORF_+_2630397	2630397	2630462	+	3	66	ATG	TAA	0	0
mORF_+_2630404	2630404	2630412	+	1	9	TTG	TGA	0	0
mORF_+_2630425	2630425	2630526	+	1	102	GTG	TGA	0	0
mORF_+_2630499	2630499	2630507	+	3	9	GTG	TGA	0	0
mORF_+_2630523	2630523	2630543	+	3	21	ATG	TGA	0	0
mORF_+_2630544	2630544	2630609	+	3	66	ATG	TGA	0	0
mORF_+_2630557	2630557	2630595	+	1	39	TTG	TAA	0	0
mORF_+_2630606	2630606	2630644	+	2	39	ATG	TAG	0	0
mORF_+_2630663	2630663	2630677	+	2	15	ATG	TGA	0	0
mORF_+_2630674	2630674	2631333	+	1	660	GTG	TGA	0	0
mORF_+_2630693	2630693	2630800	+	2	108	ATG	TGA	0	0
mORF_+_2630801	2630801	2630827	+	2	27	ATG	TAG	0	0
mORF_+_2630861	2630861	2630890	+	2	30	TTG	TAA	0	0
mORF_+_2630906	2630906	2630941	+	2	36	TTG	TAA	0	0
mORF_+_2630945	2630945	2630950	+	2	6	TTG	TAA	0	0
mORF_+_2631005	2631005	2631337	+	2	333	ATG	TGA	0	0
mORF_+_2631027	2631027	2631044	+	3	18	TTG	TAG	0	0
mORF_+_2631174	2631174	2631185	+	3	12	TTG	TAG	0	0
mORF_+_2631240	2631240	2631275	+	3	36	GTG	TAA	0	0
mORF_+_2631334	2631334	2632089	+	1	756	GTG	TAG	0	0
mORF_+_2631503	2631503	2631640	+	2	138	GTG	TAA	0	0
mORF_+_2631573	2631573	2631614	+	3	42	TTG	TGA	0	0
mORF_+_2631689	2631689	2631733	+	2	45	GTG	TAG	0	0
mORF_+_2631782	2631782	2631907	+	2	126	GTG	TGA	0	0
mORF_+_2631786	2631786	2631887	+	3	102	TTG	TAA	0	0
mORF_+_2631948	2631948	2631965	+	3	18	TTG	TAG	0	0
mORF_+_2631998	2631998	2632036	+	2	39	GTG	TGA	0	0

mORF_+_2632091	2632091	2632219	+	2	129	ATG	TGA	0	0	
mORF_+_2632126	2632126	2632236	+	1	111	TTG	TAG	0	0	
mORF_+_2632185	2632185	2632223	+	3	39	TTG	TAA	0	0	
mORF_+_2632240	2632240	2632299	+	1	60	TTG	TGA	0	0	
mORF_+_2632254	2632254	2633624	+	3	1371	ATG	TAA	12	41	pORF_+_2632254
mORF_+_2632321	2632321	2632464	+	1	144	TTG	TGA	0	0	
mORF_+_2632343	2632343	2632366	+	2	24	TTG	TAA	0	0	
mORF_+_2632480	2632480	2632497	+	1	18	ATG	TAG	0	0	
mORF_+_2632549	2632549	2632686	+	1	138	TTG	TGA	0	0	
mORF_+_2632673	2632673	2632717	+	2	45	TTG	TGA	0	0	
mORF_+_2632702	2632702	2632734	+	1	33	GTG	TAA	0	0	
mORF_+_2632789	2632789	2632857	+	1	69	ATG	TGA	0	0	
mORF_+_2632844	2632844	2632903	+	2	60	GTG	TAA	0	0	
mORF_+_2632948	2632948	2632980	+	1	33	TTG	TGA	0	0	
mORF_+_2632984	2632984	2633040	+	1	57	TTG	TAG	0	0	
mORF_+_2633209	2633209	2633232	+	1	24	TTG	TGA	0	0	
mORF_+_2633236	2633236	2633286	+	1	51	TTG	TAA	0	0	
mORF_+_2633401	2633401	2633424	+	1	24	GTG	TAA	0	0	
mORF_+_2633464	2633464	2633505	+	1	42	GTG	TGA	0	0	
mORF_+_2633530	2633530	2633541	+	1	12	GTG	TAA	0	0	
mORF_+_2633572	2633572	2633580	+	1	9	GTG	TAA	0	0	
mORF_+_2633663	2633663	2633707	+	2	45	ATG	TAA	0	0	
mORF_+_2633720	2633720	2633890	+	2	171	TTG	TAA	0	0	
mORF_+_2633818	2633818	2633853	+	1	36	GTG	TAG	0	0	
mORF_+_2633880	2633880	2634014	+	3	135	ATG	TGA	0	0	
mORF_+_2633924	2633924	2634280	+	2	357	GTG	TGA	0	0	
mORF_+_2633959	2633959	2634009	+	1	51	TTG	TGA	0	0	
mORF_+_2634048	2634048	2634059	+	3	12	TTG	TAG	0	0	
mORF_+_2634075	2634075	2634080	+	3	6	TTG	TAG	0	0	
mORF_+_2634216	2634216	2634398	+	3	183	ATG	TGA	0	0	
mORF_+_2634308	2634308	2634436	+	2	129	GTG	TGA	0	0	
mORF_+_2634426	2634426	2634479	+	3	54	ATG	TGA	0	0	
mORF_+_2634433	2634433	2634450	+	1	18	GTG	TGA	0	0	
mORF_+_2634522	2634522	2634656	+	3	135	TTG	TAG	0	0	
mORF_+_2634646	2634646	2634723	+	1	78	TTG	TAG	0	0	
mORF_+_2634657	2634657	2634689	+	3	33	ATG	TAA	0	0	
mORF_+_2634723	2634723	2634941	+	3	219	GTG	TGA	0	0	
mORF_+_2634727	2634727	2634732	+	1	6	GTG	TAG	0	0	
mORF_+_2634782	2634782	2634925	+	2	144	TTG	TAA	0	0	
mORF_+_2634877	2634877	2635119	+	1	243	GTG	TAA	0	0	
mORF_+_2634938	2634938	2634970	+	2	33	GTG	TAA	0	0	
mORF_+_2635023	2635023	2635400	+	3	378	TTG	TAA	0	0	
mORF_+_2635064	2635064	2635315	+	2	252	ATG	TAG	0	0	
mORF_+_2635433	2635433	2636164	+	2	732	TTG	TAA	0	0	
mORF_+_2635479	2635479	2635499	+	3	21	GTG	TAA	0	0	
mORF_+_2635501	2635501	2635506	+	1	6	GTG	TAA	0	0	
mORF_+_2635528	2635528	2635629	+	1	102	TTG	TAA	0	0	
mORF_+_2635545	2635545	2635643	+	3	99	TTG	TAA	0	0	
mORF_+_2635668	2635668	2635775	+	3	108	TTG	TGA	0	0	
mORF_+_2635720	2635720	2635734	+	1	15	GTG	TAA	0	0	
mORF_+_2635788	2635788	2635850	+	3	63	ATG	TGA	0	0	
mORF_+_2635929	2635929	2636168	+	3	240	GTG	TGA	0	0	
mORF_+_2636071	2636071	2636121	+	1	51	TTG	TAA	0	0	
mORF_+_2636178	2636178	2636282	+	3	105	GTG	TAA	0	0	
mORF_+_2636180	2636180	2636188	+	2	9	GTG	TAA	0	0	
mORF_+_2636221	2636221	2636241	+	1	21	GTG	TAG	0	0	
mORF_+_2636243	2636243	2636347	+	2	105	TTG	TAA	0	0	
mORF_+_2636248	2636248	2636361	+	1	114	ATG	TAG	0	0	
mORF_+_2636304	2636304	2636309	+	3	6	ATG	TAG	0	0	
mORF_+_2636406	2636406	2636459	+	3	54	TTG	TAG	0	0	
mORF_+_2636466	2636466	2636486	+	3	21	TTG	TGA	0	0	
mORF_+_2636476	2636476	2636550	+	1	75	GTG	TAA	0	0	
mORF_+_2636483	2636483	2636626	+	2	144	ATG	TAA	0	0	

mORF_+_2636490	2636490	2636498	+	3	9	TTG	TAG	0	0	
mORF_+_2636502	2636502	2636975	+	3	474	TTG	TAA	0	0	
mORF_+_2636566	2636566	2636607	+	1	42	TTG	TAA	0	0	
mORF_+_2636669	2636669	2636704	+	2	36	TTG	TAA	0	0	
mORF_+_2636689	2636689	2636904	+	1	216	ATG	TGA	0	0	
mORF_+_2636729	2636729	2636740	+	2	12	GTG	TAA	0	0	
mORF_+_2636765	2636765	2636854	+	2	90	ATG	TGA	0	0	
mORF_+_2636935	2636935	2637051	+	1	117	TTG	TAA	0	0	
mORF_+_2637015	2637015	2637326	+	3	312	TTG	TAA	0	0	
mORF_+_2637091	2637091	2637135	+	1	45	ATG	TGA	0	0	
mORF_+_2637155	2637155	2637265	+	2	111	GTG	TAA	0	0	
mORF_+_2637238	2637238	2637297	+	1	60	TTG	TAA	0	0	
mORF_+_2637336	2637336	2637737	+	3	402	GTG	TAA	1	2	pORF_+_2637336
mORF_+_2637344	2637344	2637535	+	2	192	ATG	TAA	0	0	
mORF_+_2637559	2637559	2637567	+	1	9	ATG	TAG	0	0	
mORF_+_2637575	2637575	2637592	+	2	18	TTG	TGA	0	0	
mORF_+_2637577	2637577	2637630	+	1	54	GTG	TAA	0	0	
mORF_+_2637697	2637697	2637780	+	1	84	GTG	TAG	0	0	
mORF_+_2637716	2637716	2637925	+	2	210	TTG	TAA	0	0	
mORF_+_2637756	2637756	2637809	+	3	54	GTG	TAG	0	0	
mORF_+_2637843	2637843	2637848	+	3	6	GTG	TAA	0	0	
mORF_+_2637873	2637873	2637917	+	3	45	TTG	TAG	0	0	
mORF_+_2637925	2637925	2637942	+	1	18	ATG	TGA	0	0	
mORF_+_2637939	2637939	2638070	+	3	132	TTG	TAA	0	0	
mORF_+_2637967	2637967	2637993	+	1	27	TTG	TAG	0	0	
mORF_+_2638034	2638034	2638447	+	2	414	ATG	TAG	0	0	
mORF_+_2638048	2638048	2638098	+	1	51	ATG	TAG	0	0	
mORF_+_2638071	2638071	2638220	+	3	150	TTG	TGA	0	0	
mORF_+_2638299	2638299	2638487	+	3	189	TTG	TAA	0	0	
mORF_+_2638513	2638513	2638614	+	1	102	GTG	TGA	0	0	
mORF_+_2638515	2638515	2638559	+	3	45	GTG	TAA	0	0	
mORF_+_2638566	2638566	2638583	+	3	18	ATG	TGA	0	0	
mORF_+_2638580	2638580	2638726	+	2	147	TTG	TGA	0	0	
mORF_+_2638584	2638584	2638868	+	3	285	ATG	TGA	0	0	
mORF_+_2638660	2638660	2639157	+	1	498	ATG	TAA	0	0	
mORF_+_2638772	2638772	2638840	+	2	69	ATG	TAG	0	0	
mORF_+_2638853	2638853	2639002	+	2	150	TTG	TGA	0	0	
mORF_+_2638875	2638875	2638880	+	3	6	GTG	TAG	0	0	
mORF_+_2639024	2639024	2639227	+	2	204	ATG	TGA	0	0	
mORF_+_2639215	2639215	2639793	+	1	579	ATG	TGA	0	0	
mORF_+_2639238	2639238	2639294	+	3	57	TTG	TGA	0	0	
mORF_+_2639297	2639297	2639305	+	2	9	TTG	TGA	0	0	
mORF_+_2639342	2639342	2639557	+	2	216	ATG	TAG	0	0	
mORF_+_2639567	2639567	2639689	+	2	123	ATG	TGA	0	0	
mORF_+_2639690	2639690	2639782	+	2	93	TTG	TAA	0	0	
mORF_+_2639697	2639697	2639828	+	3	132	TTG	TGA	0	0	
mORF_+_2639803	2639803	2639943	+	1	141	TTG	TGA	0	0	
mORF_+_2639825	2639825	2639881	+	2	57	ATG	TGA	0	0	
mORF_+_2639868	2639868	2640005	+	3	138	TTG	TAA	0	0	
mORF_+_2639983	2639983	2640144	+	1	162	TTG	TGA	0	0	
mORF_+_2639990	2639990	2640040	+	2	51	GTG	TAA	0	0	
mORF_+_2640149	2640149	2640310	+	2	162	TTG	TAG	0	0	
mORF_+_2640249	2640249	2640371	+	3	123	TTG	TAA	0	0	
mORF_+_2640295	2640295	2640423	+	1	129	GTG	TGA	0	0	
mORF_+_2640338	2640338	2640343	+	2	6	TTG	TAG	0	0	
mORF_+_2640356	2640356	2640433	+	2	78	TTG	TAG	0	0	
mORF_+_2640420	2640420	2640695	+	3	276	TTG	TGA	0	0	
mORF_+_2640433	2640433	2640453	+	1	21	GTG	TGA	0	0	
mORF_+_2640457	2640457	2640666	+	1	210	TTG	TAA	0	0	
mORF_+_2640590	2640590	2640784	+	2	195	TTG	TAA	0	0	
mORF_+_2640727	2640727	2640780	+	1	54	ATG	TGA	0	0	
mORF_+_2640792	2640792	2640896	+	3	105	TTG	TGA	0	0	
mORF_+_2640830	2640830	2640889	+	2	60	GTG	TGA	0	0	

mORF+_2640850	2640850	2640885	+	1	36	GTG	TAA	0	0	
mORF+_2640886	2640886	2641044	+	1	159	ATG	TAA	0	0	
mORF+_2640893	2640893	2640907	+	2	15	TTG	TGA	0	0	
mORF+_2640914	2640914	2640949	+	2	36	ATG	TAA	0	0	
mORF+_2640977	2640977	2640988	+	2	12	GTG	TGA	0	0	
mORF+_2641070	2641070	2641144	+	2	75	TTG	TAA	0	0	
mORF+_2641144	2641144	2641164	+	1	21	ATG	TAA	0	0	
mORF+_2641164	2641164	2641238	+	3	75	ATG	TGA	0	0	
mORF+_2641284	2641284	2641298	+	3	15	GTG	TAG	0	0	
mORF+_2641312	2641312	2641389	+	1	78	TTG	TGA	0	0	
mORF+_2641386	2641386	2641493	+	3	108	TTG	TGA	0	0	
mORF+_2641424	2641424	2642044	+	2	621	TTG	TGA	0	0	
mORF+_2641494	2641494	2641517	+	3	24	TTG	TAA	0	0	
mORF+_2641548	2641548	2641808	+	3	261	TTG	TGA	0	0	
mORF+_2641612	2641612	2641683	+	1	72	TTG	TGA	0	0	
mORF+_2641812	2641812	2642003	+	3	192	GTG	TGA	0	0	
mORF+_2641819	2641819	2641863	+	1	45	TTG	TAA	0	0	
mORF+_2642028	2642028	2642153	+	3	126	ATG	TAG	0	0	
mORF+_2642041	2642041	2642118	+	1	78	ATG	TGA	0	0	
mORF+_2642153	2642153	2642203	+	2	51	GTG	TAA	0	0	
mORF+_2642235	2642235	2642690	+	3	456	TTG	TGA	0	0	
mORF+_2642284	2642284	2642289	+	1	6	GTG	TGA	0	0	
mORF+_2642294	2642294	2642353	+	2	60	TTG	TGA	0	0	
mORF+_2642335	2642335	2642373	+	1	39	ATG	TGA	0	0	
mORF+_2642422	2642422	2642949	+	1	528	ATG	TAA	0	0	
mORF+_2642462	2642462	2642497	+	2	36	GTG	TAA	0	0	
mORF+_2642606	2642606	2642632	+	2	27	TTG	TGA	0	0	
mORF+_2642687	2642687	2642737	+	2	51	ATG	TAA	0	0	
mORF+_2642745	2642745	2642792	+	3	48	GTG	TGA	0	0	
mORF+_2642774	2642774	2642968	+	2	195	TTG	TGA	0	0	
mORF+_2642838	2642838	2642858	+	3	21	TTG	TGA	0	0	
mORF+_2642910	2642910	2642975	+	3	66	TTG	TGA	0	0	
mORF+_2642965	2642965	2643000	+	1	36	TTG	TAA	0	0	
mORF+_2642972	2642972	2642995	+	2	24	TTG	TAA	0	0	
mORF+_2643002	2643002	2643148	+	2	147	ATG	TAA	0	0	
mORF+_2643042	2643042	2643095	+	3	54	ATG	TGA	0	0	
mORF+_2643129	2643129	2643293	+	3	165	TTG	TGA	0	0	
mORF+_2643193	2643193	2643240	+	1	48	TTG	TAA	0	0	
mORF+_2643197	2643197	2643232	+	2	36	TTG	TAA	0	0	
mORF+_2643290	2643290	2643328	+	2	39	GTG	TAA	0	0	
mORF+_2643298	2643298	2643474	+	1	177	ATG	TAA	0	0	
mORF+_2643398	2643398	2643496	+	2	99	TTG	TAA	0	0	
mORF+_2643432	2643432	2643512	+	3	81	TTG	TGA	0	0	
mORF+_2643502	2643502	2643597	+	1	96	TTG	TAA	0	0	
mORF+_2643606	2643606	2643674	+	3	69	GTG	TGA	0	0	
mORF+_2643682	2643682	2643756	+	1	75	ATG	TGA	0	0	
mORF+_2643723	2643723	2643761	+	3	39	GTG	TAG	0	0	
mORF+_2643807	2643807	2644127	+	3	321	GTG	TAG	1	2	pORF+_2643807
mORF+_2643820	2643820	2643882	+	1	63	ATG	TAA	0	0	
mORF+_2643863	2643863	2643919	+	2	57	TTG	TAA	0	0	
mORF+_2643974	2643974	2644045	+	2	72	GTG	TGA	0	0	
mORF+_2644018	2644018	2644041	+	1	24	TTG	TGA	0	0	
mORF+_2644042	2644042	2644188	+	1	147	GTG	TGA	0	0	
mORF+_2644182	2644182	2644199	+	3	18	ATG	TGA	0	0	
mORF+_2644196	2644196	2644264	+	2	69	ATG	TGA	0	0	
mORF+_2644236	2644236	2644304	+	3	69	GTG	TAA	0	0	
mORF+_2644261	2644261	2644317	+	1	57	GTG	TGA	0	0	
mORF+_2644271	2644271	2644324	+	2	54	GTG	TGA	0	0	
mORF+_2644314	2644314	2644361	+	3	48	TTG	TGA	0	0	
mORF+_2644358	2644358	2644372	+	2	15	ATG	TGA	0	0	
mORF+_2644369	2644369	2644383	+	1	15	GTG	TGA	0	0	
mORF+_2644380	2644380	2644427	+	3	48	TTG	TGA	0	0	
mORF+_2644424	2644424	2644450	+	2	27	ATG	TGA	0	0	

mORF_+_2644447	2644447	2644527	+	1	81	GTG	TAG	0	0	
mORF_+_2644481	2644481	2644630	+	2	150	TTG	TGA	0	0	
mORF_+_2644530	2644530	2644781	+	3	252	GTG	TAG	0	0	
mORF_+_2644579	2644579	2644866	+	1	288	GTG	TAA	0	0	
mORF_+_2644661	2644661	2644786	+	2	126	TTG	TAA	0	0	
mORF_+_2644898	2644898	2645248	+	2	351	ATG	TAG	1	2	pORF_+_2644898
mORF_+_2644938	2644938	2644961	+	3	24	TTG	TGA	0	0	
mORF_+_2644948	2644948	2644989	+	1	42	ATG	TAG	0	0	
mORF_+_2644989	2644989	2645102	+	3	114	GTG	TAA	0	0	
mORF_+_2645038	2645038	2645106	+	1	69	ATG	TGA	0	0	
mORF_+_2645103	2645103	2645123	+	3	21	TTG	TAA	0	0	
mORF_+_2645125	2645125	2645232	+	1	108	GTG	TGA	0	0	
mORF_+_2645163	2645163	2645438	+	3	276	ATG	TGA	0	0	
mORF_+_2645396	2645396	2645413	+	2	18	TTG	TGA	0	0	
mORF_+_2645410	2645410	2645547	+	1	138	TTG	TAA	0	0	
mORF_+_2645426	2645426	2645575	+	2	150	TTG	TAA	0	0	
mORF_+_2645538	2645538	2645783	+	3	246	ATG	TGA	0	0	
mORF_+_2645597	2645597	2645674	+	2	78	TTG	TAA	0	0	
mORF_+_2645780	2645780	2645815	+	2	36	ATG	TAA	0	0	
mORF_+_2645802	2645802	2645834	+	3	33	TTG	TAA	0	0	
mORF_+_2645818	2645818	2645895	+	1	78	GTG	TGA	0	0	
mORF_+_2645825	2645825	2645860	+	2	36	TTG	TAA	0	0	
mORF_+_2645877	2645877	2645903	+	3	27	TTG	TGA	0	0	
mORF_+_2645900	2645900	2645956	+	2	57	TTG	TGA	0	0	
mORF_+_2645916	2645916	2645996	+	3	81	TTG	TGA	0	0	
mORF_+_2645966	2645966	2645989	+	2	24	TTG	TAA	0	0	
mORF_+_2646073	2646073	2646408	+	1	336	GTG	TGA	0	0	
mORF_+_2646075	2646075	2646167	+	3	93	GTG	TAA	0	0	
mORF_+_2646252	2646252	2646356	+	3	105	ATG	TGA	0	0	
mORF_+_2646275	2646275	2646289	+	2	15	TTG	TAA	0	0	
mORF_+_2646311	2646311	2646451	+	2	141	ATG	TAA	0	0	
mORF_+_2646405	2646405	2646455	+	3	51	TTG	TAG	0	0	
mORF_+_2646483	2646483	2646506	+	3	24	ATG	TAA	0	0	
mORF_+_2646608	2646608	2646718	+	2	111	TTG	TGA	0	0	
mORF_+_2646630	2646630	2646713	+	3	84	ATG	TAA	0	0	
mORF_+_2646646	2646646	2646678	+	1	33	ATG	TGA	0	0	
mORF_+_2646715	2646715	2646780	+	1	66	GTG	TGA	0	0	
mORF_+_2646740	2646740	2646772	+	2	33	TTG	TAA	0	0	
mORF_+_2646777	2646777	2646785	+	3	9	TTG	TAA	0	0	
mORF_+_2646787	2646787	2646840	+	1	54	GTG	TAA	0	0	
mORF_+_2646792	2646792	2646911	+	3	120	ATG	TAA	0	0	
mORF_+_2646824	2646824	2646898	+	2	75	TTG	TAA	0	0	
mORF_+_2646880	2646880	2646915	+	1	36	ATG	TAA	0	0	
mORF_+_2646920	2646920	2646991	+	2	72	TTG	TAA	0	0	
mORF_+_2646922	2646922	2647005	+	1	84	GTG	TAA	0	0	
mORF_+_2647005	2647005	2647016	+	3	12	ATG	TGA	0	0	
mORF_+_2647042	2647042	2647059	+	1	18	ATG	TAA	0	0	
mORF_+_2647102	2647102	2647113	+	1	12	GTG	TGA	0	0	
mORF_+_2647157	2647157	2647687	+	2	531	TTG	TAA	0	0	
mORF_+_2647179	2647179	2647421	+	3	243	GTG	TGA	0	0	
mORF_+_2647252	2647252	2647317	+	1	66	GTG	TGA	0	0	
mORF_+_2647351	2647351	2647356	+	1	6	GTG	TAA	0	0	
mORF_+_2647422	2647422	2647496	+	3	75	TTG	TGA	0	0	
mORF_+_2647527	2647527	2647541	+	3	15	ATG	TAG	0	0	
mORF_+_2647578	2647578	2647586	+	3	9	GTG	TAG	0	0	
mORF_+_2647662	2647662	2647694	+	3	33	GTG	TGA	0	0	
mORF_+_2647687	2647687	2647992	+	1	306	ATG	TAA	0	0	
mORF_+_2647691	2647691	2647837	+	2	147	TTG	TAA	0	0	
mORF_+_2647695	2647695	2647850	+	3	156	TTG	TGA	0	0	
mORF_+_2647847	2647847	2648248	+	2	402	ATG	TGA	0	0	
mORF_+_2647992	2647992	2648012	+	3	21	ATG	TAA	0	0	
mORF_+_2648034	2648034	2648090	+	3	57	GTG	TAG	0	0	
mORF_+_2648133	2648133	2648150	+	3	18	TTG	TAA	0	0	

mORF_+_2648178	2648178	2648237	+	3	60	TTG	TGA	0	0	
mORF_+_2648245	2648245	2648490	+	1	246	GTG	TAG	0	0	
mORF_+_2648342	2648342	2648560	+	2	219	TTG	TAA	0	0	
mORF_+_2648361	2648361	2648426	+	3	66	ATG	TAA	0	0	
mORF_+_2648560	2648560	2648595	+	1	36	ATG	TAG	0	0	
mORF_+_2648567	2648567	2648695	+	2	129	ATG	TAA	0	0	
mORF_+_2648646	2648646	2648777	+	3	132	GTG	TAG	0	0	
mORF_+_2648716	2648716	2648757	+	1	42	GTG	TAG	0	0	
mORF_+_2648732	2648732	2648818	+	2	87	TTG	TAG	0	0	
mORF_+_2648761	2648761	2648865	+	1	105	GTG	TAA	0	0	
mORF_+_2648850	2648850	2648900	+	3	51	ATG	TGA	0	0	
mORF_+_2648876	2648876	2649040	+	2	165	GTG	TAA	1	2	pORF_+_2648876
mORF_+_2648910	2648910	2648975	+	3	66	GTG	TAG	0	0	
mORF_+_2648938	2648938	2648967	+	1	30	TTG	TAA	0	0	
mORF_+_2649042	2649042	2649053	+	3	12	TTG	TGA	0	0	
mORF_+_2649050	2649050	2649193	+	2	144	TTG	TAA	0	0	
mORF_+_2649054	2649054	2649122	+	3	69	TTG	TAA	0	0	
mORF_+_2649130	2649130	2649144	+	1	15	GTG	TGA	0	0	
mORF_+_2649141	2649141	2649161	+	3	21	ATG	TAG	0	0	
mORF_+_2649177	2649177	2649233	+	3	57	ATG	TGA	0	0	
mORF_+_2649226	2649226	2649393	+	1	168	TTG	TAA	0	0	
mORF_+_2649287	2649287	2649340	+	2	54	ATG	TAA	0	0	
mORF_+_2649359	2649359	2649427	+	2	69	TTG	TGA	0	0	
mORF_+_2649408	2649408	2649413	+	3	6	TTG	TGA	0	0	
mORF_+_2649531	2649531	2649605	+	3	75	TTG	TAG	0	0	
mORF_+_2649630	2649630	2649848	+	3	219	TTG	TAA	0	0	
mORF_+_2649671	2649671	2649934	+	2	264	TTG	TAA	0	0	
mORF_+_2649682	2649682	2649705	+	1	24	ATG	TAA	0	0	
mORF_+_2649862	2649862	2649873	+	1	12	TTG	TGA	0	0	
mORF_+_2649867	2649867	2650007	+	3	141	TTG	TGA	0	0	
mORF_+_2649874	2649874	2649882	+	1	9	GTG	TGA	0	0	
mORF_+_2650004	2650004	2650018	+	2	15	ATG	TGA	0	0	
mORF_+_2650015	2650015	2650200	+	1	186	GTG	TAG	0	0	
mORF_+_2650044	2650044	2650364	+	3	321	ATG	TGA	0	0	
mORF_+_2650082	2650082	2650171	+	2	90	TTG	TGA	0	0	
mORF_+_2650234	2650234	2650338	+	1	105	TTG	TAG	0	0	
mORF_+_2650357	2650357	2651361	+	1	1005	ATG	TAA	33	295	pORF_+_2650357
mORF_+_2650361	2650361	2650381	+	2	21	GTG	TAA	0	0	
mORF_+_2650421	2650421	2650471	+	2	51	TTG	TAA	0	0	
mORF_+_2650455	2650455	2650487	+	3	33	TTG	TAG	0	0	
mORF_+_2650527	2650527	2650565	+	3	39	ATG	TGA	0	0	
mORF_+_2650532	2650532	2650537	+	2	6	TTG	TAG	0	0	
mORF_+_2650562	2650562	2650645	+	2	84	TTG	TGA	0	0	
mORF_+_2650646	2650646	2650762	+	2	117	ATG	TAG	0	0	
mORF_+_2650787	2650787	2650855	+	2	69	TTG	TAG	0	0	
mORF_+_2650827	2650827	2650904	+	3	78	ATG	TGA	0	0	
mORF_+_2650877	2650877	2650915	+	2	39	GTG	TAG	0	0	
mORF_+_2650922	2650922	2650930	+	2	9	GTG	TAG	0	0	
mORF_+_2650991	2650991	2651116	+	2	126	ATG	TGA	0	0	
mORF_+_2651117	2651117	2651155	+	2	39	ATG	TAA	0	0	
mORF_+_2651124	2651124	2651168	+	3	45	GTG	TGA	0	0	
mORF_+_2651165	2651165	2651242	+	2	78	ATG	TAA	0	0	
mORF_+_2651279	2651279	2651293	+	2	15	ATG	TGA	0	0	
mORF_+_2651310	2651310	2651318	+	3	9	ATG	TGA	0	0	
mORF_+_2651315	2651315	2651356	+	2	42	GTG	TGA	0	0	
mORF_+_2651319	2651319	2651348	+	3	30	ATG	TGA	0	0	
mORF_+_2651393	2651393	2651413	+	2	21	TTG	TAG	0	0	
mORF_+_2651407	2651407	2651442	+	1	36	TTG	TGA	0	0	
mORF_+_2651439	2651439	2651456	+	3	18	TTG	TGA	0	0	
mORF_+_2651444	2651444	2651497	+	2	54	TTG	TAA	0	0	
mORF_+_2651446	2651446	2651526	+	1	81	GTG	TAA	0	0	
mORF_+_2651466	2651466	2651588	+	3	123	GTG	TAA	0	0	
mORF_+_2651530	2651530	2651541	+	1	12	TTG	TAG	0	0	

mORF_+_2651570	2651570	2651626	+	2	57	GTG	TAA	0	0
mORF_+_2651676	2651676	2651681	+	3	6	ATG	TAA	0	0
mORF_+_2651730	2651730	2651819	+	3	90	TTG	TAA	0	0
mORF_+_2651765	2651765	2651863	+	2	99	TTG	TAG	0	0
mORF_+_2651863	2651863	2651940	+	1	78	GTG	TAA	0	0
mORF_+_2651924	2651924	2651998	+	2	75	ATG	TGA	0	0
mORF_+_2651931	2651931	2652026	+	3	96	GTG	TGA	0	0
mORF_+_2651941	2651941	2652087	+	1	147	ATG	TAA	0	0
mORF_+_2652011	2652011	2652148	+	2	138	ATG	TAA	0	0
mORF_+_2652054	2652054	2652074	+	3	21	TTG	TAA	0	0
mORF_+_2652155	2652155	2652325	+	2	171	ATG	TAA	0	0
mORF_+_2652165	2652165	2652182	+	3	18	TTG	TAG	0	0
mORF_+_2652238	2652238	2652258	+	1	21	ATG	TAA	0	0
mORF_+_2652307	2652307	2652360	+	1	54	TTG	TAA	0	0
mORF_+_2652387	2652387	2652731	+	3	345	ATG	TGA	0	0
mORF_+_2652409	2652409	2652429	+	1	21	GTG	TAA	0	0
mORF_+_2652430	2652430	2652441	+	1	12	TTG	TAA	0	0
mORF_+_2652484	2652484	2652600	+	1	117	GTG	TGA	0	0
mORF_+_2652497	2652497	2652526	+	2	30	TTG	TAA	0	0
mORF_+_2652628	2652628	2652645	+	1	18	TTG	TAA	0	0
mORF_+_2652664	2652664	2652750	+	1	87	GTG	TGA	0	0
mORF_+_2652728	2652728	2652742	+	2	15	TTG	TAA	0	0
mORF_+_2652747	2652747	2653058	+	3	312	GTG	TAG	0	0
mORF_+_2652788	2652788	2652796	+	2	9	GTG	TAA	0	0
mORF_+_2652893	2652893	2652997	+	2	105	GTG	TGA	0	0
mORF_+_2652907	2652907	2652957	+	1	51	TTG	TAA	0	0
mORF_+_2652997	2652997	2653041	+	1	45	ATG	TGA	0	0
mORF_+_2653122	2653122	2653181	+	3	60	GTG	TAA	0	0
mORF_+_2653199	2653199	2653882	+	2	684	ATG	TGA	0	0
mORF_+_2653254	2653254	2653430	+	3	177	GTG	TGA	0	0
mORF_+_2653464	2653464	2653589	+	3	126	GTG	TAG	0	0
mORF_+_2653590	2653590	2653772	+	3	183	GTG	TAG	0	0
mORF_+_2653690	2653690	2653707	+	1	18	ATG	TAA	0	0
mORF_+_2653711	2653711	2653749	+	1	39	TTG	TAA	0	0
mORF_+_2653788	2653788	2653850	+	3	63	GTG	TAA	0	0
mORF_+_2653840	2653840	2653944	+	1	105	TTG	TGA	0	0
mORF_+_2653896	2653896	2653913	+	3	18	GTG	TAA	0	0
mORF_+_2653898	2653898	2654200	+	2	303	GTG	TAA	0	0
mORF_+_2653938	2653938	2653952	+	3	15	TTG	TAA	0	0
mORF_+_2653974	2653974	2654150	+	3	177	TTG	TAA	0	0
mORF_+_2653999	2653999	2654040	+	1	42	GTG	TGA	0	0
mORF_+_2654161	2654161	2654214	+	1	54	ATG	TGA	0	0
mORF_+_2654207	2654207	2654401	+	2	195	ATG	TAA	0	0
mORF_+_2654211	2654211	2654312	+	3	102	TTG	TAA	0	0
mORF_+_2654314	2654314	2654352	+	1	39	TTG	TAG	0	0
mORF_+_2654414	2654414	2654440	+	2	27	TTG	TAA	0	0
mORF_+_2654441	2654441	2654491	+	2	51	ATG	TAG	0	0
mORF_+_2654451	2654451	2654471	+	3	21	TTG	TGA	0	0
mORF_+_2654472	2654472	2654495	+	3	24	GTG	TAA	0	0
mORF_+_2654498	2654498	2654503	+	2	6	ATG	TGA	0	0
mORF_+_2654500	2654500	2654673	+	1	174	GTG	TGA	0	0
mORF_+_2654546	2654546	2654584	+	2	39	ATG	TAA	0	0
mORF_+_2654610	2654610	2654660	+	3	51	TTG	TGA	0	0
mORF_+_2654660	2654660	2654773	+	2	114	ATG	TAA	0	0
mORF_+_2654670	2654670	2654792	+	3	123	GTG	TGA	0	0
mORF_+_2654716	2654716	2654751	+	1	36	GTG	TAA	0	0
mORF_+_2654773	2654773	2654820	+	1	48	ATG	TAA	0	0
mORF_+_2654789	2654789	2654800	+	2	12	TTG	TAA	0	0
mORF_+_2654882	2654882	2655079	+	2	198	TTG	TGA	0	0
mORF_+_2654922	2654922	2655044	+	3	123	GTG	TAG	0	0
mORF_+_2654950	2654950	2655204	+	1	255	GTG	TAA	0	0
mORF_+_2655099	2655099	2655110	+	3	12	TTG	TAA	0	0
mORF_+_2655125	2655125	2655298	+	2	174	ATG	TAA	0	0

mORF_+_2655159	2655159	2655257	+	3	99	ATG	TGA	0	0	
mORF_+_2655273	2655273	2655281	+	3	9	ATG	TGA	0	0	
mORF_+_2655326	2655326	2655412	+	2	87	GTG	TGA	0	0	
mORF_+_2655409	2655409	2655420	+	1	12	TTG	TGA	0	0	
mORF_+_2655417	2655417	2655455	+	3	39	TTG	TAA	0	0	
mORF_+_2655462	2655462	2655470	+	3	9	TTG	TGA	0	0	
mORF_+_2655489	2655489	2655671	+	3	183	GTG	TGA	0	0	
mORF_+_2655554	2655554	2655574	+	2	21	ATG	TAG	0	0	
mORF_+_2655607	2655607	2655657	+	1	51	GTG	TAG	0	0	
mORF_+_2655650	2655650	2656024	+	2	375	ATG	TAA	0	0	
mORF_+_2655684	2655684	2655698	+	3	15	GTG	TGA	0	0	
mORF_+_2655717	2655717	2655842	+	3	126	GTG	TGA	0	0	
mORF_+_2655778	2655778	2655858	+	1	81	GTG	TAG	0	0	
mORF_+_2655879	2655879	2656169	+	3	291	ATG	TGA	0	0	
mORF_+_2655892	2655892	2655945	+	1	54	GTG	TAG	0	0	
mORF_+_2656039	2656039	2656059	+	1	21	GTG	TGA	0	0	
mORF_+_2656061	2656061	2656300	+	2	240	TTG	TAA	0	0	
mORF_+_2656194	2656194	2656217	+	3	24	ATG	TAA	0	0	
mORF_+_2656270	2656270	2656389	+	1	120	TTG	TAG	0	0	
mORF_+_2656308	2656308	2656343	+	3	36	ATG	TAA	0	0	
mORF_+_2656424	2656424	2656828	+	2	405	GTG	TAA	0	0	
mORF_+_2656452	2656452	2656463	+	3	12	TTG	TGA	0	0	
mORF_+_2656494	2656494	2656643	+	3	150	GTG	TGA	0	0	
mORF_+_2656534	2656534	2656557	+	1	24	TTG	TGA	0	0	
mORF_+_2656714	2656714	2656743	+	1	30	TTG	TAG	0	0	
mORF_+_2656716	2656716	2656757	+	3	42	GTG	TAA	0	0	
mORF_+_2656795	2656795	2656941	+	1	147	ATG	TAA	0	0	
mORF_+_2656869	2656869	2656910	+	3	42	TTG	TGA	0	0	
mORF_+_2656910	2656910	2656948	+	2	39	ATG	TAA	0	0	
mORF_+_2656956	2656956	2657084	+	3	129	ATG	TAA	0	0	
mORF_+_2657077	2657077	2657103	+	1	27	TTG	TGA	0	0	
mORF_+_2657103	2657103	2657297	+	3	195	ATG	TAA	0	0	
mORF_+_2657134	2657134	2657304	+	1	171	TTG	TGA	0	0	
mORF_+_2657301	2657301	2657411	+	3	111	ATG	TAG	0	0	
mORF_+_2657329	2657329	2657397	+	1	69	ATG	TGA	0	0	
mORF_+_2657333	2657333	2657479	+	2	147	TTG	TGA	0	0	
mORF_+_2657448	2657448	2657792	+	3	345	TTG	TAA	0	0	
mORF_+_2657476	2657476	2657484	+	1	9	GTG	TAA	0	0	
mORF_+_2657564	2657564	2657803	+	2	240	GTG	TGA	0	0	
mORF_+_2657578	2657578	2657625	+	1	48	ATG	TGA	0	0	
mORF_+_2657896	2657896	2657901	+	1	6	GTG	TAA	0	0	
mORF_+_2657930	2657930	2657971	+	2	42	TTG	TGA	0	0	
mORF_+_2657941	2657941	2657952	+	1	12	TTG	TAG	0	0	
mORF_+_2657959	2657959	2658000	+	1	42	ATG	TGA	0	0	
mORF_+_2657997	2657997	2658326	+	3	330	GTG	TGA	0	0	
mORF_+_2658040	2658040	2658132	+	1	93	GTG	TAA	0	0	
mORF_+_2658154	2658154	2658282	+	1	129	ATG	TAA	0	0	
mORF_+_2658209	2658209	2658292	+	2	84	GTG	TAA	0	0	
mORF_+_2658342	2658342	2658440	+	3	99	ATG	TAA	0	0	
mORF_+_2658358	2658358	2658453	+	1	96	ATG	TAG	0	0	
mORF_+_2658504	2658504	2658566	+	3	63	ATG	TGA	0	0	
mORF_+_2658506	2658506	2658613	+	2	108	GTG	TAA	0	0	
mORF_+_2658637	2658637	2658693	+	1	57	TTG	TAA	0	0	
mORF_+_2658669	2658669	2659547	+	3	879	GTG	TAA	0	0	
mORF_+_2658709	2658709	2658789	+	1	81	TTG	TAG	0	0	
mORF_+_2658776	2658776	2658988	+	2	213	TTG	TAG	1	2	pORF_+_2658776
mORF_+_2658826	2658826	2658852	+	1	27	GTG	TGA	0	0	
mORF_+_2658877	2658877	2658933	+	1	57	ATG	TAG	0	0	
mORF_+_2658937	2658937	2658942	+	1	6	TTG	TGA	0	0	
mORF_+_2659010	2659010	2659030	+	2	21	TTG	TAA	0	0	
mORF_+_2659030	2659030	2659188	+	1	159	ATG	TAG	0	0	
mORF_+_2659178	2659178	2659192	+	2	15	GTG	TGA	0	0	
mORF_+_2659189	2659189	2659218	+	1	30	GTG	TGA	0	0	

mORF_+_2659240	2659240	2659284	+	1	45	TTG	TGA	0	0	
mORF_+_2659291	2659291	2659386	+	1	96	TTG	TGA	0	0	
mORF_+_2659328	2659328	2659342	+	2	15	TTG	TAA	0	0	
mORF_+_2659516	2659516	2659530	+	1	15	GTG	TAG	0	0	
mORF_+_2659520	2659520	2659648	+	2	129	TTG	TGA	0	0	
mORF_+_2659581	2659581	2659676	+	3	96	ATG	TAA	0	0	
mORF_+_2659695	2659695	2659778	+	3	84	TTG	TAA	0	0	
mORF_+_2659697	2659697	2659765	+	2	69	GTG	TAA	0	0	
mORF_+_2659699	2659699	2659722	+	1	24	GTG	TGA	0	0	
mORF_+_2659783	2659783	2659878	+	1	96	ATG	TGA	0	0	
mORF_+_2659833	2659833	2659955	+	3	123	GTG	TAA	0	0	
mORF_+_2659885	2659885	2659962	+	1	78	GTG	TAA	0	0	
mORF_+_2660022	2660022	2660201	+	3	180	TTG	TAA	0	0	
mORF_+_2660095	2660095	2660130	+	1	36	TTG	TAG	0	0	
mORF_+_2660114	2660114	2660140	+	2	27	TTG	TAG	0	0	
mORF_+_2660141	2660141	2660248	+	2	108	ATG	TAA	0	0	
mORF_+_2660152	2660152	2660220	+	1	69	ATG	TAG	0	0	
mORF_+_2660250	2660250	2660273	+	3	24	TTG	TGA	0	0	
mORF_+_2660266	2660266	2660346	+	1	81	TTG	TGA	0	0	
mORF_+_2660297	2660297	2660437	+	2	141	GTG	TGA	0	0	
mORF_+_2660313	2660313	2660381	+	3	69	GTG	TAG	0	0	
mORF_+_2660427	2660427	2660528	+	3	102	ATG	TGA	0	0	
mORF_+_2660434	2660434	2660472	+	1	39	GTG	TAG	0	0	
mORF_+_2660518	2660518	2661138	+	1	621	ATG	TAA	0	0	
mORF_+_2660525	2660525	2660563	+	2	39	GTG	TAG	0	0	
mORF_+_2660615	2660615	2660782	+	2	168	TTG	TGA	0	0	
mORF_+_2660757	2660757	2660894	+	3	138	TTG	TAA	0	0	
mORF_+_2660873	2660873	2660887	+	2	15	ATG	TAG	0	0	
mORF_+_2660981	2660981	2661166	+	2	186	TTG	TGA	0	0	
mORF_+_2661030	2661030	2661239	+	3	210	TTG	TAA	0	0	
mORF_+_2661163	2661163	2661258	+	1	96	GTG	TAA	0	0	
mORF_+_2661251	2661251	2661454	+	2	204	TTG	TGA	0	0	
mORF_+_2661264	2661264	2661362	+	3	99	TTG	TAA	0	0	
mORF_+_2661304	2661304	2661309	+	1	6	GTG	TGA	0	0	
mORF_+_2661337	2661337	2661387	+	1	51	TTG	TAA	0	0	
mORF_+_2661399	2661399	2661479	+	3	81	ATG	TGA	0	0	
mORF_+_2661451	2661451	2661513	+	1	63	GTG	TAA	0	0	
mORF_+_2661464	2661464	2662267	+	2	804	ATG	TAA	57	652	pORF_+_2661464
mORF_+_2661519	2661519	2661551	+	3	33	TTG	TAG	0	0	
mORF_+_2661672	2661672	2661869	+	3	198	GTG	TGA	0	0	
mORF_+_2661703	2661703	2661828	+	1	126	ATG	TAA	0	0	
mORF_+_2661997	2661997	2662065	+	1	69	ATG	TGA	0	0	
mORF_+_2661999	2661999	2662178	+	3	180	GTG	TGA	0	0	
mORF_+_2662093	2662093	2662128	+	1	36	GTG	TGA	0	0	
mORF_+_2662191	2662191	2662247	+	3	57	TTG	TAA	0	0	
mORF_+_2662267	2662267	2662530	+	1	264	ATG	TAA	0	0	
mORF_+_2662280	2662280	2662381	+	2	102	GTG	TAA	0	0	
mORF_+_2662385	2662385	2663266	+	2	882	ATG	TAA	0	0	
mORF_+_2662461	2662461	2662487	+	3	27	TTG	TAG	0	0	
mORF_+_2662497	2662497	2662847	+	3	351	TTG	TAA	0	0	
mORF_+_2662708	2662708	2662725	+	1	18	TTG	TAA	0	0	
mORF_+_2662881	2662881	2662943	+	3	63	TTG	TGA	0	0	
mORF_+_2662959	2662959	2662991	+	3	33	TTG	TGA	0	0	
mORF_+_2663001	2663001	2663156	+	3	156	GTG	TGA	0	0	
mORF_+_2663104	2663104	2663130	+	1	27	ATG	TAG	0	0	
mORF_+_2663169	2663169	2663252	+	3	84	ATG	TGA	0	0	
mORF_+_2663270	2663270	2663341	+	2	72	ATG	TAA	0	0	
mORF_+_2663313	2663313	2663360	+	3	48	ATG	TGA	0	0	
mORF_+_2663357	2663357	2663386	+	2	30	GTG	TAG	0	0	
mORF_+_2663364	2663364	2663420	+	3	57	TTG	TAG	0	0	
mORF_+_2663436	2663436	2664737	+	3	1302	ATG	TGA	2	5	pORF_+_2663436
mORF_+_2663470	2663470	2663523	+	1	54	TTG	TGA	0	0	
mORF_+_2663575	2663575	2663655	+	1	81	ATG	TGA	0	0	

mORF_+_2663665	2663665	2663787	+	1	123	ATG	TGA	0	0
mORF_+_2663711	2663711	2663794	+	2	84	GTG	TGA	0	0
mORF_+_2663791	2663791	2663799	+	1	9	GTG	TGA	0	0
mORF_+_2663812	2663812	2663853	+	1	42	TTG	TAG	0	0
mORF_+_2663887	2663887	2664018	+	1	132	TTG	TAG	0	0
mORF_+_2663912	2663912	2663971	+	2	60	GTG	TAA	0	0
mORF_+_2664028	2664028	2664183	+	1	156	TTG	TAA	0	0
mORF_+_2664193	2664193	2664270	+	1	78	GTG	TAA	0	0
mORF_+_2664233	2664233	2664238	+	2	6	ATG	TGA	0	0
mORF_+_2664283	2664283	2664429	+	1	147	TTG	TGA	0	0
mORF_+_2664436	2664436	2664447	+	1	12	GTG	TAA	0	0
mORF_+_2664466	2664466	2664543	+	1	78	ATG	TAA	0	0
mORF_+_2664607	2664607	2664621	+	1	15	GTG	TGA	0	0
mORF_+_2664625	2664625	2664669	+	1	45	TTG	TGA	0	0
mORF_+_2664734	2664734	2664847	+	2	114	ATG	TGA	0	0
mORF_+_2664804	2664804	2664893	+	3	90	GTG	TAA	0	0
mORF_+_2664844	2664844	2664882	+	1	39	ATG	TAA	0	0
mORF_+_2664898	2664898	2664930	+	1	33	ATG	TAA	0	0
mORF_+_2664934	2664934	2665170	+	1	237	ATG	TAG	0	0
mORF_+_2664945	2664945	2665232	+	3	288	GTG	TAA	0	0
mORF_+_2665010	2665010	2665021	+	2	12	TTG	TAA	0	0
mORF_+_2665070	2665070	2665114	+	2	45	GTG	TAA	0	0
mORF_+_2665189	2665189	2665206	+	1	18	ATG	TAA	0	0
mORF_+_2665217	2665217	2665345	+	2	129	GTG	TGA	0	0
mORF_+_2665294	2665294	2665329	+	1	36	GTG	TGA	0	0
mORF_+_2665320	2665320	2665547	+	3	228	TTG	TGA	0	0
mORF_+_2665342	2665342	2665404	+	1	63	ATG	TAA	0	0
mORF_+_2665364	2665364	2665414	+	2	51	ATG	TAG	0	0
mORF_+_2665414	2665414	2665485	+	1	72	GTG	TAA	0	0
mORF_+_2665520	2665520	2665561	+	2	42	GTG	TAA	0	0
mORF_+_2665593	2665593	2665739	+	3	147	GTG	TAA	0	0
mORF_+_2665628	2665628	2665681	+	2	54	GTG	TGA	0	0
mORF_+_2665693	2665693	2665812	+	1	120	ATG	TAA	0	0
mORF_+_2665823	2665823	2665828	+	2	6	ATG	TGA	0	0
mORF_+_2665825	2665825	2665833	+	1	9	GTG	TAG	0	0
mORF_+_2665852	2665852	2665905	+	1	54	GTG	TAA	0	0
mORF_+_2665857	2665857	2665985	+	3	129	TTG	TAA	0	0
mORF_+_2665910	2665910	2665933	+	2	24	ATG	TAA	0	0
mORF_+_2666006	2666006	2666020	+	2	15	ATG	TAA	0	0
mORF_+_2666020	2666020	2666190	+	1	171	ATG	TAA	0	0
mORF_+_2666030	2666030	2666071	+	2	42	ATG	TGA	0	0
mORF_+_2666081	2666081	2666176	+	2	96	ATG	TAA	0	0
mORF_+_2666203	2666203	2666406	+	1	204	GTG	TGA	0	0
mORF_+_2666252	2666252	2666305	+	2	54	TTG	TAA	0	0
mORF_+_2666286	2666286	2666399	+	3	114	TTG	TAA	0	0
mORF_+_2666393	2666393	2666539	+	2	147	GTG	TGA	0	0
mORF_+_2666403	2666403	2666417	+	3	15	GTG	TAA	0	0
mORF_+_2666478	2666478	2666489	+	3	12	ATG	TAA	0	0
mORF_+_2666529	2666529	2666543	+	3	15	TTG	TAA	0	0
mORF_+_2666533	2666533	2666661	+	1	129	GTG	TGA	0	0
mORF_+_2666600	2666600	2666866	+	2	267	TTG	TAA	0	0
mORF_+_2666646	2666646	2666681	+	3	36	TTG	TAA	0	0
mORF_+_2666683	2666683	2666898	+	1	216	TTG	TAG	0	0
mORF_+_2666697	2666697	2666780	+	3	84	TTG	TAA	0	0
mORF_+_2666841	2666841	2666903	+	3	63	ATG	TAA	0	0
mORF_+_2666873	2666873	2666965	+	2	93	GTG	TAA	0	0
mORF_+_2666904	2666904	2666912	+	3	9	ATG	TAG	0	0
mORF_+_2666929	2666929	2666958	+	1	30	TTG	TAG	0	0
mORF_+_2667003	2667003	2667017	+	3	15	ATG	TAG	0	0
mORF_+_2667054	2667054	2668415	+	3	1362	ATG	TGA	0	0
mORF_+_2667091	2667091	2667264	+	1	174	TTG	TAG	0	0
mORF_+_2667176	2667176	2667223	+	2	48	TTG	TGA	0	0
mORF_+_2667305	2667305	2667397	+	2	93	ATG	TAA	0	0

mORF_+_2667325	2667325	2667330	+	1	6	GTG	TGA	0	0	
mORF_+_2667334	2667334	2667408	+	1	75	ATG	TGA	0	0	
mORF_+_2667412	2667412	2667471	+	1	60	ATG	TAA	0	0	
mORF_+_2667449	2667449	2667454	+	2	6	GTG	TAA	0	0	
mORF_+_2667482	2667482	2667499	+	2	18	TTG	TAA	0	0	
mORF_+_2667484	2667484	2667507	+	1	24	GTG	TAA	0	0	
mORF_+_2667511	2667511	2667639	+	1	129	TTG	TGA	0	0	
mORF_+_2667632	2667632	2667649	+	2	18	GTG	TAA	0	0	
mORF_+_2667679	2667679	2667729	+	1	51	GTG	TAG	0	0	
mORF_+_2667739	2667739	2667939	+	1	201	ATG	TAG	0	0	
mORF_+_2667788	2667788	2667838	+	2	51	GTG	TAG	0	0	
mORF_+_2667940	2667940	2668002	+	1	63	GTG	TAA	0	0	
mORF_+_2667995	2667995	2668045	+	2	51	ATG	TGA	0	0	
mORF_+_2668051	2668051	2668350	+	1	300	TTG	TGA	0	0	
mORF_+_2668058	2668058	2668078	+	2	21	GTG	TGA	0	0	
mORF_+_2668178	2668178	2668183	+	2	6	GTG	TGA	0	0	
mORF_+_2668229	2668229	2668291	+	2	63	GTG	TAA	0	0	
mORF_+_2668412	2668412	2668930	+	2	519	ATG	TGA	0	0	
mORF_+_2668416	2668416	2668433	+	3	18	GTG	TAG	0	0	
mORF_+_2668500	2668500	2668706	+	3	207	GTG	TAA	0	0	
mORF_+_2668749	2668749	2668763	+	3	15	TTG	TAA	0	0	
mORF_+_2668797	2668797	2668898	+	3	102	ATG	TAA	0	0	
mORF_+_2668917	2668917	2668976	+	3	60	GTG	TGA	0	0	
mORF_+_2668930	2668930	2669250	+	1	321	ATG	TGA	0	0	
mORF_+_2668943	2668943	2669143	+	2	201	ATG	TGA	1	8	pORF_+_2668943
mORF_+_2669052	2669052	2669066	+	3	15	TTG	TAA	0	0	
mORF_+_2669112	2669112	2669207	+	3	96	GTG	TGA	0	0	
mORF_+_2669204	2669204	2669263	+	2	60	TTG	TAA	0	0	
mORF_+_2669247	2669247	2670059	+	3	813	ATG	TAA	0	0	
mORF_+_2669344	2669344	2669430	+	1	87	TTG	TGA	0	0	
mORF_+_2669437	2669437	2669472	+	1	36	ATG	TGA	0	0	
mORF_+_2669492	2669492	2669542	+	2	51	TTG	TAA	0	0	
mORF_+_2669506	2669506	2669640	+	1	135	ATG	TAA	0	0	
mORF_+_2669647	2669647	2669661	+	1	15	GTG	TGA	0	0	
mORF_+_2669677	2669677	2669787	+	1	111	ATG	TGA	0	0	
mORF_+_2669788	2669788	2669862	+	1	75	ATG	TAA	0	0	
mORF_+_2669801	2669801	2669851	+	2	51	GTG	TGA	0	0	
mORF_+_2669887	2669887	2669949	+	1	63	TTG	TGA	0	0	
mORF_+_2669986	2669986	2669991	+	1	6	GTG	TGA	0	0	
mORF_+_2670004	2670004	2670015	+	1	12	ATG	TAG	0	0	
mORF_+_2670069	2670069	2671271	+	3	1203	ATG	TAA	1	2	pORF_+_2670069
mORF_+_2670091	2670091	2670306	+	1	216	TTG	TAA	0	0	
mORF_+_2670269	2670269	2670424	+	2	156	GTG	TGA	0	0	
mORF_+_2670421	2670421	2670513	+	1	93	TTG	TGA	0	0	
mORF_+_2670520	2670520	2670579	+	1	60	GTG	TGA	0	0	
mORF_+_2670569	2670569	2670574	+	2	6	ATG	TAA	0	0	
mORF_+_2670586	2670586	2670723	+	1	138	TTG	TAG	0	0	
mORF_+_2670739	2670739	2670768	+	1	30	GTG	TGA	0	0	
mORF_+_2670778	2670778	2670990	+	1	213	TTG	TAG	0	0	
mORF_+_2670854	2670854	2670913	+	2	60	TTG	TGA	0	0	
mORF_+_2671019	2671019	2671045	+	2	27	GTG	TGA	0	0	
mORF_+_2671042	2671042	2671167	+	1	126	GTG	TGA	0	0	
mORF_+_2671088	2671088	2671129	+	2	42	TTG	TAA	0	0	
mORF_+_2671177	2671177	2671239	+	1	63	GTG	TGA	0	0	
mORF_+_2671199	2671199	2671225	+	2	27	ATG	TGA	0	0	
mORF_+_2671243	2671243	2671284	+	1	42	ATG	TAG	0	0	
mORF_+_2671296	2671296	2671790	+	3	495	ATG	TAG	0	0	
mORF_+_2671307	2671307	2671339	+	2	33	GTG	TAA	0	0	
mORF_+_2671315	2671315	2671371	+	1	57	GTG	TGA	0	0	
mORF_+_2671387	2671387	2671422	+	1	36	TTG	TAA	0	0	
mORF_+_2671423	2671423	2671446	+	1	24	TTG	TAA	0	0	
mORF_+_2671459	2671459	2671476	+	1	18	TTG	TGA	0	0	
mORF_+_2671483	2671483	2671554	+	1	72	TTG	TAG	0	0	

mORF_+_2671588	2671588	2671650	+	1	63	TTG	TGA	0	0
mORF_+_2671651	2671651	2671674	+	1	24	TTG	TGA	0	0
mORF_+_2671681	2671681	2671701	+	1	21	ATG	TGA	0	0
mORF_+_2671717	2671717	2671833	+	1	117	ATG	TAA	0	0
mORF_+_2671796	2671796	2671813	+	2	18	ATG	TGA	0	0
mORF_+_2671803	2671803	2671925	+	3	123	ATG	TGA	0	0
mORF_+_2671873	2671873	2671902	+	1	30	TTG	TGA	0	0
mORF_+_2671922	2671922	2672167	+	2	246	ATG	TAG	0	0
mORF_+_2672010	2672010	2672018	+	3	9	ATG	TAA	0	0
mORF_+_2672023	2672023	2672046	+	1	24	GTG	TGA	0	0
mORF_+_2672043	2672043	2672057	+	3	15	ATG	TAA	0	0
mORF_+_2672076	2672076	2672087	+	3	12	ATG	TGA	0	0
mORF_+_2672109	2672109	2672216	+	3	108	TTG	TAA	0	0
mORF_+_2672227	2672227	2672313	+	1	87	GTG	TGA	0	0
mORF_+_2672243	2672243	2672347	+	2	105	TTG	TAA	0	0
mORF_+_2672307	2672307	2672351	+	3	45	TTG	TGA	0	0
mORF_+_2672348	2672348	2672467	+	2	120	ATG	TAG	0	0
mORF_+_2672471	2672471	2672575	+	2	105	GTG	TGA	0	0
mORF_+_2672532	2672532	2672702	+	3	171	TTG	TAG	0	0
mORF_+_2672548	2672548	2673108	+	1	561	TTG	TAA	0	0
mORF_+_2672687	2672687	2672695	+	2	9	GTG	TAA	0	0
mORF_+_2672703	2672703	2672717	+	3	15	ATG	TAA	0	0
mORF_+_2672756	2672756	2672779	+	2	24	TTG	TAG	0	0
mORF_+_2672816	2672816	2672914	+	2	99	ATG	TGA	0	0
mORF_+_2672966	2672966	2672971	+	2	6	ATG	TAA	0	0
mORF_+_2672993	2672993	2673112	+	2	120	GTG	TAG	0	0
mORF_+_2673003	2673003	2673068	+	3	66	GTG	TGA	0	0
mORF_+_2673102	2673102	2673179	+	3	78	TTG	TGA	0	0
mORF_+_2673115	2673115	2673132	+	1	18	GTG	TAA	0	0
mORF_+_2673176	2673176	2673337	+	2	162	ATG	TAG	0	0
mORF_+_2673186	2673186	2673317	+	3	132	TTG	TGA	0	0
mORF_+_2673394	2673394	2673600	+	1	207	ATG	TAA	0	0
mORF_+_2673494	2673494	2673499	+	2	6	ATG	TGA	0	0
mORF_+_2673581	2673581	2673637	+	2	57	TTG	TGA	0	0
mORF_+_2673612	2673612	2673689	+	3	78	GTG	TGA	0	0
mORF_+_2673631	2673631	2673759	+	1	129	GTG	TAA	0	0
mORF_+_2673686	2673686	2673763	+	2	78	TTG	TAA	0	0
mORF_+_2673910	2673910	2674740	+	1	831	ATG	TAA	0	0
mORF_+_2674004	2674004	2674069	+	2	66	ATG	TGA	0	0
mORF_+_2674088	2674088	2674168	+	2	81	TTG	TAA	0	0
mORF_+_2674335	2674335	2674508	+	3	174	TTG	TAA	0	0
mORF_+_2674385	2674385	2674399	+	2	15	GTG	TAA	0	0
mORF_+_2674436	2674436	2674462	+	2	27	GTG	TAA	0	0
mORF_+_2674551	2674551	2674703	+	3	153	TTG	TGA	0	0
mORF_+_2674562	2674562	2674606	+	2	45	ATG	TGA	0	0
mORF_+_2674700	2674700	2674708	+	2	9	ATG	TAA	0	0
mORF_+_2674744	2674744	2674926	+	1	183	ATG	TGA	0	0
mORF_+_2674779	2674779	2674832	+	3	54	ATG	TAA	0	0
mORF_+_2674826	2674826	2674915	+	2	90	ATG	TGA	0	0
mORF_+_2674875	2674875	2674955	+	3	81	GTG	TAA	0	0
mORF_+_2674942	2674942	2675055	+	1	114	GTG	TAA	0	0
mORF_+_2675065	2675065	2675127	+	1	63	TTG	TAG	0	0
mORF_+_2675090	2675090	2675206	+	2	117	TTG	TGA	0	0
mORF_+_2675151	2675151	2675531	+	3	381	TTG	TAG	0	0
mORF_+_2675158	2675158	2675364	+	1	207	TTG	TAG	0	0
mORF_+_2675368	2675368	2675394	+	1	27	ATG	TAA	0	0
mORF_+_2675404	2675404	2675595	+	1	192	GTG	TGA	0	0
mORF_+_2675562	2675562	2675570	+	3	9	ATG	TAA	0	0
mORF_+_2675634	2675634	2675936	+	3	303	GTG	TAG	0	0
mORF_+_2675671	2675671	2675709	+	1	39	GTG	TGA	0	0
mORF_+_2675725	2675725	2675775	+	1	51	GTG	TAA	0	0
mORF_+_2675792	2675792	2675818	+	2	27	GTG	TGA	0	0
mORF_+_2675869	2675869	2676018	+	1	150	ATG	TAA	0	0

mORF_+_2675939	2675939	2675962	+	2	24	TTG	TAA	0	0
mORF_+_2675949	2675949	2675984	+	3	36	TTG	TAA	0	0
mORF_+_2675991	2675991	2676095	+	3	105	TTG	TAA	0	0
mORF_+_2676025	2676025	2676048	+	1	24	ATG	TGA	0	0
mORF_+_2676226	2676226	2676327	+	1	102	ATG	TAA	0	0
mORF_+_2676350	2676350	2676379	+	2	30	TTG	TGA	0	0
mORF_+_2676376	2676376	2676750	+	1	375	GTG	TAG	0	0
mORF_+_2676429	2676429	2676476	+	3	48	TTG	TAG	0	0
mORF_+_2676458	2676458	2676466	+	2	9	TTG	TAG	0	0
mORF_+_2676512	2676512	2676592	+	2	81	TTG	TGA	0	0
mORF_+_2676525	2676525	2676719	+	3	195	ATG	TAA	0	0
mORF_+_2676593	2676593	2676610	+	2	18	TTG	TGA	0	0
mORF_+_2676719	2676719	2676796	+	2	78	ATG	TGA	0	0
mORF_+_2676808	2676808	2676834	+	1	27	TTG	TAA	0	0
mORF_+_2676887	2676887	2676934	+	2	48	TTG	TAA	0	0
mORF_+_2677018	2677018	2677113	+	1	96	TTG	TAA	0	0
mORF_+_2677031	2677031	2677039	+	2	9	GTG	TAG	0	0
mORF_+_2677052	2677052	2677204	+	2	153	ATG	TGA	0	0
mORF_+_2677207	2677207	2677215	+	1	9	TTG	TGA	0	0
mORF_+_2677224	2677224	2677346	+	3	123	TTG	TAG	0	0
mORF_+_2677292	2677292	2677489	+	2	198	ATG	TAG	0	0
mORF_+_2677368	2677368	2677385	+	3	18	TTG	TAG	0	0
mORF_+_2677437	2677437	2677442	+	3	6	TTG	TGA	0	0
mORF_+_2677456	2677456	2677479	+	1	24	GTG	TAA	0	0
mORF_+_2677489	2677489	2677530	+	1	42	GTG	TAA	0	0
mORF_+_2677520	2677520	2677828	+	2	309	GTG	TAA	0	0
mORF_+_2677530	2677530	2677556	+	3	27	ATG	TAA	0	0
mORF_+_2677588	2677588	2677662	+	1	75	TTG	TAA	0	0
mORF_+_2677690	2677690	2677896	+	1	207	TTG	TAA	0	0
mORF_+_2677773	2677773	2677865	+	3	93	GTG	TAA	0	0
mORF_+_2677844	2677844	2677849	+	2	6	TTG	TAA	0	0
mORF_+_2677859	2677859	2678011	+	2	153	ATG	TAA	0	0
mORF_+_2677972	2677972	2677983	+	1	12	TTG	TAA	0	0
mORF_+_2678011	2678011	2678082	+	1	72	ATG	TAA	0	0
mORF_+_2678090	2678090	2678104	+	2	15	TTG	TGA	0	0
mORF_+_2678108	2678108	2678182	+	2	75	GTG	TGA	0	0
mORF_+_2678137	2678137	2678295	+	1	159	GTG	TAA	0	0
mORF_+_2678186	2678186	2678350	+	2	165	GTG	TGA	0	0
mORF_+_2678280	2678280	2678744	+	3	465	GTG	TAA	0	0
mORF_+_2678389	2678389	2678418	+	1	30	GTG	TAA	0	0
mORF_+_2678464	2678464	2678520	+	1	57	TTG	TAG	0	0
mORF_+_2678477	2678477	2678491	+	2	15	ATG	TAG	0	0
mORF_+_2678498	2678498	2678506	+	2	9	TTG	TAG	0	0
mORF_+_2678524	2678524	2678817	+	1	294	ATG	TGA	0	0
mORF_+_2678615	2678615	2678674	+	2	60	ATG	TAA	0	0
mORF_+_2678684	2678684	2678788	+	2	105	GTG	TGA	0	0
mORF_+_2678855	2678855	2678872	+	2	18	GTG	TAA	0	0
mORF_+_2678906	2678906	2678914	+	2	9	TTG	TGA	0	0
mORF_+_2678941	2678941	2679333	+	1	393	ATG	TGA	0	0
mORF_+_2678963	2678963	2679052	+	2	90	TTG	TAA	0	0
mORF_+_2678967	2678967	2679374	+	3	408	TTG	TAA	0	0
mORF_+_2679065	2679065	2679115	+	2	51	TTG	TGA	0	0
mORF_+_2679179	2679179	2679211	+	2	33	TTG	TGA	0	0
mORF_+_2679212	2679212	2679286	+	2	75	GTG	TAA	0	0
mORF_+_2679343	2679343	2679438	+	1	96	GTG	TAA	0	0
mORF_+_2679398	2679398	2679457	+	2	60	ATG	TGA	0	0
mORF_+_2679405	2679405	2679527	+	3	123	GTG	TGA	0	0
mORF_+_2679448	2679448	2679588	+	1	141	TTG	TAA	0	0
mORF_+_2679482	2679482	2679736	+	2	255	TTG	TGA	0	0
mORF_+_2679567	2679567	2679791	+	3	225	GTG	TAA	0	0
mORF_+_2679715	2679715	2680014	+	1	300	TTG	TGA	0	0
mORF_+_2679848	2679848	2679967	+	2	120	TTG	TGA	0	0
mORF_+_2680011	2680011	2680091	+	3	81	ATG	TAG	0	0

mORF_+_2680046	2680046	2680066	+	2	21	ATG	TAG	0	0	
mORF_+_2680073	2680073	2680078	+	2	6	TTG	TAG	0	0	
mORF_+_2680082	2680082	2680126	+	2	45	GTG	TGA	0	0	
mORF_+_2680123	2680123	2680302	+	1	180	GTG	TAA	0	0	
mORF_+_2680193	2680193	2680213	+	2	21	TTG	TGA	0	0	
mORF_+_2680220	2680220	2680237	+	2	18	GTG	TAG	0	0	
mORF_+_2680280	2680280	2680402	+	2	123	GTG	TGA	0	0	
mORF_+_2680306	2680306	2680797	+	1	492	ATG	TGA	0	0	
mORF_+_2680341	2680341	2680370	+	3	30	GTG	TGA	0	0	
mORF_+_2680472	2680472	2680486	+	2	15	ATG	TGA	0	0	
mORF_+_2680562	2680562	2680570	+	2	9	TTG	TAG	0	0	
mORF_+_2680691	2680691	2680723	+	2	33	ATG	TAG	0	0	
mORF_+_2680766	2680766	2680852	+	2	87	ATG	TAA	0	0	
mORF_+_2680810	2680810	2680824	+	1	15	GTG	TGA	0	0	
mORF_+_2680821	2680821	2680868	+	3	48	TTG	TAA	0	0	
mORF_+_2680879	2680879	2682078	+	1	1200	GTG	TGA	0	0	
mORF_+_2680929	2680929	2680973	+	3	45	ATG	TAA	0	0	
mORF_+_2681063	2681063	2681110	+	2	48	TTG	TGA	0	0	
mORF_+_2681103	2681103	2681126	+	3	24	ATG	TGA	0	0	
mORF_+_2681111	2681111	2681143	+	2	33	TTG	TGA	0	0	
mORF_+_2681136	2681136	2681165	+	3	30	GTG	TGA	0	0	
mORF_+_2681162	2681162	2681191	+	2	30	TTG	TAA	0	0	
mORF_+_2681166	2681166	2681180	+	3	15	GTG	TAA	0	0	
mORF_+_2681184	2681184	2681204	+	3	21	TTG	TGA	0	0	
mORF_+_2681201	2681201	2681347	+	2	147	GTG	TGA	0	0	
mORF_+_2681265	2681265	2681285	+	3	21	ATG	TAA	0	0	
mORF_+_2681289	2681289	2681339	+	3	51	GTG	TGA	0	0	
mORF_+_2681379	2681379	2681447	+	3	69	GTG	TAA	0	0	
mORF_+_2681447	2681447	2681458	+	2	12	ATG	TGA	0	0	
mORF_+_2681478	2681478	2681489	+	3	12	ATG	TAA	0	0	
mORF_+_2681522	2681522	2681551	+	2	30	TTG	TGA	0	0	
mORF_+_2681582	2681582	2681677	+	2	96	ATG	TAA	0	0	
mORF_+_2681703	2681703	2681726	+	3	24	ATG	TAG	0	0	
mORF_+_2681735	2681735	2681752	+	2	18	TTG	TGA	0	0	
mORF_+_2681783	2681783	2681839	+	2	57	GTG	TGA	0	0	
mORF_+_2681793	2681793	2681813	+	3	21	GTG	TGA	0	0	
mORF_+_2681880	2681880	2681912	+	3	33	TTG	TGA	0	0	
mORF_+_2681900	2681900	2681983	+	2	84	GTG	TGA	0	0	
mORF_+_2681996	2681996	2682013	+	2	18	TTG	TAA	0	0	
mORF_+_2682038	2682038	2682094	+	2	57	TTG	TAG	0	0	
mORF_+_2682075	2682075	2682089	+	3	15	TTG	TAA	0	0	
mORF_+_2682116	2682116	2682256	+	2	141	TTG	TGA	0	0	
mORF_+_2682144	2682144	2682188	+	3	45	ATG	TGA	0	0	
mORF_+_2682175	2682175	2682240	+	1	66	TTG	TGA	0	0	
mORF_+_2682201	2682201	2682206	+	3	6	TTG	TAG	0	0	
mORF_+_2682237	2682237	2683526	+	3	1290	ATG	TAA	1	2	pORF_+_2682237
mORF_+_2682253	2682253	2682285	+	1	33	TTG	TAA	0	0	
mORF_+_2682278	2682278	2682325	+	2	48	ATG	TGA	0	0	
mORF_+_2682304	2682304	2682612	+	1	309	ATG	TAG	0	0	
mORF_+_2682676	2682676	2682750	+	1	75	TTG	TGA	0	0	
mORF_+_2682781	2682781	2682849	+	1	69	TTG	TGA	0	0	
mORF_+_2682850	2682850	2682870	+	1	21	GTG	TGA	0	0	
mORF_+_2682952	2682952	2683068	+	1	117	ATG	TAG	0	0	
mORF_+_2683001	2683001	2683021	+	2	21	ATG	TAA	0	0	
mORF_+_2683105	2683105	2683146	+	1	42	ATG	TGA	0	0	
mORF_+_2683210	2683210	2683215	+	1	6	GTG	TAG	0	0	
mORF_+_2683345	2683345	2683356	+	1	12	TTG	TAA	0	0	
mORF_+_2683369	2683369	2683383	+	1	15	TTG	TGA	0	0	
mORF_+_2683414	2683414	2683419	+	1	6	GTG	TAG	0	0	
mORF_+_2683441	2683441	2683455	+	1	15	ATG	TGA	0	0	
mORF_+_2683507	2683507	2683542	+	1	36	ATG	TGA	0	0	
mORF_+_2683563	2683563	2683607	+	3	45	TTG	TAA	0	0	
mORF_+_2683585	2683585	2683626	+	1	42	TTG	TAA	0	0	

mORF_+_2683616	2683616	2683636	+	2	21	TTG	TGA	0	0	
mORF_+_2683633	2683633	2683809	+	1	177	TTG	TAA	0	0	
mORF_+_2683697	2683697	2683732	+	2	36	TTG	TGA	0	0	
mORF_+_2683811	2683811	2683834	+	2	24	ATG	TAA	0	0	
mORF_+_2683836	2683836	2685047	+	3	1212	ATG	TAA	13	80	pORF_+_2683836
mORF_+_2683861	2683861	2683887	+	1	27	TTG	TAA	0	0	
mORF_+_2684005	2684005	2684091	+	1	87	ATG	TAG	0	0	
mORF_+_2684152	2684152	2684436	+	1	285	GTG	TGA	0	0	
mORF_+_2684213	2684213	2684221	+	2	9	GTG	TAA	0	0	
mORF_+_2684300	2684300	2684335	+	2	36	TTG	TAA	0	0	
mORF_+_2684494	2684494	2684520	+	1	27	ATG	TGA	0	0	
mORF_+_2684533	2684533	2684586	+	1	54	GTG	TGA	0	0	
mORF_+_2684605	2684605	2684643	+	1	39	GTG	TGA	0	0	
mORF_+_2684659	2684659	2684727	+	1	69	GTG	TGA	0	0	
mORF_+_2684737	2684737	2684883	+	1	147	ATG	TGA	0	0	
mORF_+_2684905	2684905	2684982	+	1	78	GTG	TAG	0	0	
mORF_+_2685020	2685020	2685037	+	2	18	ATG	TAA	0	0	
mORF_+_2685025	2685025	2685135	+	1	111	TTG	TGA	0	0	
mORF_+_2685062	2685062	2685085	+	2	24	ATG	TGA	0	0	
mORF_+_2685126	2685126	2685470	+	3	345	ATG	TAA	0	0	
mORF_+_2685139	2685139	2685201	+	1	63	GTG	TAA	0	0	
mORF_+_2685185	2685185	2685442	+	2	258	TTG	TGA	0	0	
mORF_+_2685373	2685373	2685399	+	1	27	GTG	TGA	0	0	
mORF_+_2685439	2685439	2685462	+	1	24	TTG	TGA	0	0	
mORF_+_2685498	2685498	2685542	+	3	45	TTG	TAA	0	0	
mORF_+_2685508	2685508	2685585	+	1	78	TTG	TGA	0	0	
mORF_+_2685521	2685521	2685724	+	2	204	GTG	TGA	0	0	
mORF_+_2685555	2685555	2685623	+	3	69	TTG	TAG	0	0	
mORF_+_2685624	2685624	2685638	+	3	15	TTG	TGA	0	0	
mORF_+_2685643	2685643	2685711	+	1	69	GTG	TAA	0	0	
mORF_+_2685721	2685721	2685756	+	1	36	ATG	TGA	0	0	
mORF_+_2685753	2685753	2685869	+	3	117	TTG	TGA	0	0	
mORF_+_2685839	2685839	2685880	+	2	42	ATG	TAG	0	0	
mORF_+_2685871	2685871	2685927	+	1	57	TTG	TGA	0	0	
mORF_+_2685885	2685885	2685944	+	3	60	ATG	TAA	0	0	
mORF_+_2685982	2685982	2686011	+	1	30	TTG	TAA	0	0	
mORF_+_2685995	2685995	2686096	+	2	102	GTG	TAA	0	0	
mORF_+_2685999	2685999	2686205	+	3	207	GTG	TGA	0	0	
mORF_+_2686202	2686202	2686360	+	2	159	ATG	TGA	0	0	
mORF_+_2686240	2686240	2686254	+	1	15	ATG	TAA	0	0	
mORF_+_2686264	2686264	2686299	+	1	36	ATG	TAG	0	0	
mORF_+_2686269	2686269	2686334	+	3	66	TTG	TGA	0	0	
mORF_+_2686361	2686361	2686489	+	2	129	TTG	TAG	0	0	
mORF_+_2686413	2686413	2686484	+	3	72	GTG	TGA	0	0	
mORF_+_2686420	2686420	2686515	+	1	96	TTG	TGA	0	0	
mORF_+_2686497	2686497	2686739	+	3	243	TTG	TAG	0	0	
mORF_+_2686537	2686537	2686563	+	1	27	GTG	TAG	0	0	
mORF_+_2686568	2686568	2686672	+	2	105	ATG	TAA	0	0	
mORF_+_2686805	2686805	2686834	+	2	30	ATG	TGA	0	0	
mORF_+_2686831	2686831	2686986	+	1	156	GTG	TGA	0	0	
mORF_+_2686839	2686839	2686979	+	3	141	ATG	TAG	0	0	
mORF_+_2686847	2686847	2686960	+	2	114	ATG	TGA	0	0	
mORF_+_2686983	2686983	2687138	+	3	156	GTG	TAA	0	0	
mORF_+_2687000	2687000	2687182	+	2	183	ATG	TAA	0	0	
mORF_+_2687185	2687185	2687259	+	1	75	TTG	TGA	0	0	
mORF_+_2687208	2687208	2687279	+	3	72	TTG	TAA	0	0	
mORF_+_2687320	2687320	2687379	+	1	60	TTG	TAG	0	0	
mORF_+_2687330	2687330	2687371	+	2	42	TTG	TAG	0	0	
mORF_+_2687340	2687340	2687507	+	3	168	TTG	TAA	0	0	
mORF_+_2687425	2687425	2687442	+	1	18	ATG	TGA	0	0	
mORF_+_2687462	2687462	2687626	+	2	165	ATG	TGA	0	0	
mORF_+_2687511	2687511	2687543	+	3	33	TTG	TAA	0	0	
mORF_+_2687518	2687518	2687664	+	1	147	ATG	TAA	0	0	

mORF_+_2687565	2687565	2687657	+	3	93	TTG	TGA	0	0
mORF_+_2687700	2687700	2687858	+	3	159	GTG	TGA	0	0
mORF_+_2687741	2687741	2687809	+	2	69	TTG	TAA	0	0
mORF_+_2687846	2687846	2687947	+	2	102	GTG	TAA	0	0
mORF_+_2687877	2687877	2687930	+	3	54	ATG	TAA	0	0
mORF_+_2687964	2687964	2687987	+	3	24	ATG	TAG	0	0
mORF_+_2687987	2687987	2688142	+	2	156	GTG	TAA	0	0
mORF_+_2687997	2687997	2688005	+	3	9	TTG	TAA	0	0
mORF_+_2688034	2688034	2688063	+	1	30	TTG	TGA	0	0
mORF_+_2688060	2688060	2688110	+	3	51	TTG	TGA	0	0
mORF_+_2688094	2688094	2688273	+	1	180	GTG	TAA	0	0
mORF_+_2688186	2688186	2688191	+	3	6	TTG	TAA	0	0
mORF_+_2688200	2688200	2688301	+	2	102	TTG	TAA	0	0
mORF_+_2688222	2688222	2688347	+	3	126	TTG	TGA	0	0
mORF_+_2688328	2688328	2688453	+	1	126	GTG	TGA	0	0
mORF_+_2688344	2688344	2688352	+	2	9	ATG	TAA	0	0
mORF_+_2688353	2688353	2688361	+	2	9	ATG	TAA	0	0
mORF_+_2688365	2688365	2688391	+	2	27	TTG	TGA	0	0
mORF_+_2688419	2688419	2688436	+	2	18	TTG	TAA	0	0
mORF_+_2688465	2688465	2688629	+	3	165	TTG	TGA	0	0
mORF_+_2688587	2688587	2688781	+	2	195	TTG	TAA	0	0
mORF_+_2688657	2688657	2688749	+	3	93	GTG	TGA	0	0
mORF_+_2688709	2688709	2688966	+	1	258	GTG	TAA	0	0
mORF_+_2688762	2688762	2688776	+	3	15	TTG	TGA	0	0
mORF_+_2688818	2688818	2689090	+	2	273	GTG	TAA	0	0
mORF_+_2688846	2688846	2688860	+	3	15	TTG	TGA	0	0
mORF_+_2688933	2688933	2688995	+	3	63	TTG	TGA	0	0
mORF_+_2689030	2689030	2689152	+	1	123	ATG	TGA	0	0
mORF_+_2689122	2689122	2689352	+	3	231	GTG	TGA	0	0
mORF_+_2689208	2689208	2689216	+	2	9	ATG	TAA	0	0
mORF_+_2689249	2689249	2689257	+	1	9	TTG	TAG	0	0
mORF_+_2689276	2689276	2689320	+	1	45	TTG	TAG	0	0
mORF_+_2689292	2689292	2689339	+	2	48	TTG	TGA	0	0
mORF_+_2689349	2689349	2689381	+	2	33	GTG	TAA	0	0
mORF_+_2689353	2689353	2689418	+	3	66	ATG	TGA	0	0
mORF_+_2689384	2689384	2689410	+	1	27	GTG	TAA	0	0
mORF_+_2689426	2689426	2689434	+	1	9	TTG	TGA	0	0
mORF_+_2689431	2689431	2689487	+	3	57	TTG	TAA	0	0
mORF_+_2689442	2689442	2689507	+	2	66	ATG	TAA	0	0
mORF_+_2689462	2689462	2689467	+	1	6	ATG	TAA	0	0
mORF_+_2689532	2689532	2689540	+	2	9	ATG	TAA	0	0
mORF_+_2689541	2689541	2689582	+	2	42	GTG	TGA	0	0
mORF_+_2689579	2689579	2689623	+	1	45	GTG	TGA	0	0
mORF_+_2689610	2689610	2689870	+	2	261	TTG	TAG	0	0
mORF_+_2689620	2689620	2689640	+	3	21	ATG	TAA	0	0
mORF_+_2689630	2689630	2689848	+	1	219	TTG	TGA	0	0
mORF_+_2689665	2689665	2689673	+	3	9	ATG	TGA	0	0
mORF_+_2689719	2689719	2689763	+	3	45	ATG	TGA	0	0
mORF_+_2689845	2689845	2689862	+	3	18	GTG	TAG	0	0
mORF_+_2689877	2689877	2689903	+	2	27	GTG	TAG	0	0
mORF_+_2689908	2689908	2690060	+	3	153	GTG	TGA	0	0
mORF_+_2689922	2689922	2689981	+	2	60	TTG	TGA	0	0
mORF_+_2689942	2689942	2690241	+	1	300	ATG	TGA	0	0
mORF_+_2690087	2690087	2690281	+	2	195	TTG	TAG	0	0
mORF_+_2690100	2690100	2690141	+	3	42	GTG	TAG	0	0
mORF_+_2690202	2690202	2690231	+	3	30	TTG	TGA	0	0
mORF_+_2690238	2690238	2690366	+	3	129	TTG	TAG	0	0
mORF_+_2690308	2690308	2691408	+	1	1101	GTG	TAA	0	0
mORF_+_2690327	2690327	2690548	+	2	222	GTG	TGA	0	0
mORF_+_2690451	2690451	2690492	+	3	42	GTG	TGA	0	0
mORF_+_2690573	2690573	2690707	+	2	135	TTG	TAA	0	0
mORF_+_2690733	2690733	2690804	+	3	72	GTG	TAA	0	0
mORF_+_2690834	2690834	2690863	+	2	30	GTG	TGA	0	0

mORF_+_2690940	2690940	2691107	+	3	168	GTG	TAG	0	0	
mORF_+_2691008	2691008	2691022	+	2	15	TTG	TGA	0	0	
mORF_+_2691062	2691062	2691130	+	2	69	TTG	TGA	0	0	
mORF_+_2691153	2691153	2691296	+	3	144	ATG	TAA	0	0	
mORF_+_2691230	2691230	2691496	+	2	267	ATG	TAG	0	0	
mORF_+_2691387	2691387	2691518	+	3	132	GTG	TAG	0	0	
mORF_+_2691518	2691518	2691565	+	2	48	GTG	TGA	0	0	
mORF_+_2691578	2691578	2691781	+	2	204	ATG	TGA	0	0	
mORF_+_2691640	2691640	2691888	+	1	249	ATG	TAA	0	0	
mORF_+_2691849	2691849	2692040	+	3	192	GTG	TAG	0	0	
mORF_+_2691889	2691889	2691975	+	1	87	TTG	TAG	0	0	
mORF_+_2691956	2691956	2692189	+	2	234	ATG	TGA	0	0	
mORF_+_2692063	2692063	2693139	+	1	1077	GTG	TAA	1	5	pORF_+_2692063
mORF_+_2692077	2692077	2692202	+	3	126	TTG	TAG	0	0	
mORF_+_2692229	2692229	2692297	+	2	69	ATG	TGA	0	0	
mORF_+_2692236	2692236	2692277	+	3	42	TTG	TGA	0	0	
mORF_+_2692307	2692307	2692345	+	2	39	ATG	TGA	0	0	
mORF_+_2692367	2692367	2692393	+	2	27	TTG	TAA	0	0	
mORF_+_2692413	2692413	2692439	+	3	27	GTG	TAA	0	0	
mORF_+_2692433	2692433	2692681	+	2	249	TTG	TGA	0	0	
mORF_+_2692587	2692587	2692844	+	3	258	TTG	TGA	0	0	
mORF_+_2692823	2692823	2693002	+	2	180	GTG	TAG	0	0	
mORF_+_2692980	2692980	2692985	+	3	6	TTG	TGA	0	0	
mORF_+_2693162	2693162	2693230	+	2	69	ATG	TAG	0	0	
mORF_+_2693170	2693170	2693268	+	1	99	GTG	TAG	0	0	
mORF_+_2693278	2693278	2693427	+	1	150	ATG	TAA	0	0	
mORF_+_2693315	2693315	2693467	+	2	153	ATG	TAA	0	0	
mORF_+_2693373	2693373	2693438	+	3	66	GTG	TGA	0	0	
mORF_+_2693449	2693449	2693583	+	1	135	ATG	TAA	0	0	
mORF_+_2693471	2693471	2693476	+	2	6	TTG	TGA	0	0	
mORF_+_2693502	2693502	2693519	+	3	18	GTG	TGA	0	0	
mORF_+_2693513	2693513	2693665	+	2	153	TTG	TAA	0	0	
mORF_+_2693526	2693526	2693567	+	3	42	ATG	TAA	0	0	
mORF_+_2693634	2693634	2693642	+	3	9	ATG	TGA	0	0	
mORF_+_2693652	2693652	2693684	+	3	33	TTG	TAG	0	0	
mORF_+_2693656	2693656	2693679	+	1	24	GTG	TGA	0	0	
mORF_+_2693691	2693691	2693822	+	3	132	GTG	TAA	0	0	
mORF_+_2693714	2693714	2693761	+	2	48	TTG	TAA	0	0	
mORF_+_2693823	2693823	2695379	+	3	1557	TTG	TAA	1	2	pORF_+_2693823
mORF_+_2693908	2693908	2693964	+	1	57	TTG	TGA	0	0	
mORF_+_2694013	2694013	2694063	+	1	51	TTG	TAA	0	0	
mORF_+_2694103	2694103	2694171	+	1	69	TTG	TAA	0	0	
mORF_+_2694283	2694283	2694324	+	1	42	TTG	TGA	0	0	
mORF_+_2694394	2694394	2694480	+	1	87	ATG	TAG	0	0	
mORF_+_2694496	2694496	2694510	+	1	15	ATG	TGA	0	0	
mORF_+_2694512	2694512	2694520	+	2	9	TTG	TAG	0	0	
mORF_+_2694529	2694529	2694579	+	1	51	ATG	TGA	0	0	
mORF_+_2694580	2694580	2694696	+	1	117	ATG	TAA	0	0	
mORF_+_2694706	2694706	2694813	+	1	108	TTG	TGA	0	0	
mORF_+_2694865	2694865	2694912	+	1	48	ATG	TGA	0	0	
mORF_+_2694931	2694931	2695014	+	1	84	GTG	TGA	0	0	
mORF_+_2695043	2695043	2695051	+	2	9	TTG	TGA	0	0	
mORF_+_2695120	2695120	2695323	+	1	204	GTG	TGA	0	0	
mORF_+_2695360	2695360	2695413	+	1	54	GTG	TAA	0	0	
mORF_+_2695391	2695391	2695531	+	2	141	TTG	TAA	0	0	
mORF_+_2695428	2695428	2695499	+	3	72	ATG	TGA	0	0	
mORF_+_2695584	2695584	2695664	+	3	81	ATG	TAA	0	0	
mORF_+_2695592	2695592	2695780	+	2	189	GTG	TAA	0	0	
mORF_+_2695621	2695621	2695635	+	1	15	ATG	TGA	0	0	
mORF_+_2695698	2695698	2695841	+	3	144	ATG	TGA	0	0	
mORF_+_2695711	2695711	2695863	+	1	153	GTG	TAA	0	0	
mORF_+_2695838	2695838	2696248	+	2	411	GTG	TAA	0	0	
mORF_+_2695927	2695927	2696151	+	1	225	ATG	TAA	0	0	

mORF_+_2696007	2696007	2696015	+	3	9	TTG	TGA	0	0	
mORF_+_2696052	2696052	2696126	+	3	75	GTG	TAG	0	0	
mORF_+_2696256	2696256	2696273	+	3	18	GTG	TGA	0	0	
mORF_+_2696295	2696295	2696354	+	3	60	TTG	TGA	0	0	
mORF_+_2696341	2696341	2696433	+	1	93	GTG	TAA	0	0	
mORF_+_2696351	2696351	2696419	+	2	69	GTG	TAA	0	0	
mORF_+_2696361	2696361	2696489	+	3	129	GTG	TAG	0	0	
mORF_+_2696471	2696471	2696482	+	2	12	TTG	TAG	0	0	
mORF_+_2696519	2696519	2696536	+	2	18	ATG	TAA	0	0	
mORF_+_2696524	2696524	2696592	+	1	69	ATG	TGA	1	3	pORF_+_2696524
mORF_+_2696561	2696561	2696602	+	2	42	GTG	TGA	0	0	
mORF_+_2696669	2696669	2696689	+	2	21	ATG	TAA	0	0	
mORF_+_2696693	2696693	2696719	+	2	27	ATG	TAA	0	0	
mORF_+_2696709	2696709	2697629	+	3	921	ATG	TGA	4	9	pORF_+_2696709
mORF_+_2696731	2696731	2696784	+	1	54	GTG	TGA	0	0	
mORF_+_2696750	2696750	2696833	+	2	84	TTG	TGA	0	0	
mORF_+_2696821	2696821	2696886	+	1	66	TTG	TAA	0	0	
mORF_+_2696992	2696992	2697087	+	1	96	GTG	TGA	0	0	
mORF_+_2697133	2697133	2697159	+	1	27	GTG	TAA	0	0	
mORF_+_2697152	2697152	2697319	+	2	168	ATG	TGA	0	0	
mORF_+_2697199	2697199	2697243	+	1	45	TTG	TGA	0	0	
mORF_+_2697250	2697250	2697333	+	1	84	TTG	TAG	0	0	
mORF_+_2697349	2697349	2697366	+	1	18	GTG	TAA	0	0	
mORF_+_2697379	2697379	2697534	+	1	156	ATG	TAA	0	0	
mORF_+_2697458	2697458	2697601	+	2	144	TTG	TAG	0	0	
mORF_+_2697550	2697550	2697558	+	1	9	TTG	TGA	0	0	
mORF_+_2697601	2697601	2697615	+	1	15	GTG	TGA	0	0	
mORF_+_2697637	2697637	2697648	+	1	12	ATG	TAA	0	0	
mORF_+_2697648	2697648	2697674	+	3	27	ATG	TGA	0	0	
mORF_+_2697661	2697661	2697945	+	1	285	TTG	TAA	0	0	
mORF_+_2697671	2697671	2697697	+	2	27	TTG	TAA	0	0	
mORF_+_2697708	2697708	2697722	+	3	15	ATG	TGA	0	0	
mORF_+_2697719	2697719	2697811	+	2	93	GTG	TAG	0	0	
mORF_+_2697726	2697726	2697731	+	3	6	GTG	TGA	0	0	
mORF_+_2697738	2697738	2697749	+	3	12	ATG	TGA	0	0	
mORF_+_2697795	2697795	2697911	+	3	117	GTG	TAA	0	0	
mORF_+_2697863	2697863	2697868	+	2	6	TTG	TGA	0	0	
mORF_+_2697881	2697881	2697922	+	2	42	ATG	TGA	0	0	
mORF_+_2698014	2698014	2698031	+	3	18	TTG	TAA	0	0	
mORF_+_2698091	2698091	2698123	+	2	33	GTG	TAA	0	0	
mORF_+_2698134	2698134	2698259	+	3	126	TTG	TAG	0	0	
mORF_+_2698136	2698136	2698144	+	2	9	GTG	TAA	0	0	
mORF_+_2698241	2698241	2698282	+	2	42	ATG	TGA	0	0	
mORF_+_2698285	2698285	2698440	+	1	156	GTG	TAA	0	0	
mORF_+_2698295	2698295	2698375	+	2	81	TTG	TAA	0	0	
mORF_+_2698305	2698305	2698331	+	3	27	ATG	TGA	0	0	
mORF_+_2698362	2698362	2698397	+	3	36	GTG	TAA	0	0	
mORF_+_2698412	2698412	2698510	+	2	99	ATG	TAA	0	0	
mORF_+_2698425	2698425	2698469	+	3	45	TTG	TAA	0	0	
mORF_+_2698494	2698494	2698517	+	3	24	TTG	TAA	0	0	
mORF_+_2698501	2698501	2698533	+	1	33	TTG	TAA	0	0	
mORF_+_2698540	2698540	2698569	+	1	30	TTG	TAA	0	0	
mORF_+_2698553	2698553	2698582	+	2	30	ATG	TAA	0	0	
mORF_+_2698659	2698659	2698673	+	3	15	GTG	TAG	0	0	
mORF_+_2698673	2698673	2698735	+	2	63	GTG	TAA	0	0	
mORF_+_2698705	2698705	2698782	+	1	78	TTG	TGA	0	0	
mORF_+_2698764	2698764	2698796	+	3	33	TTG	TGA	0	0	
mORF_+_2698793	2698793	2698927	+	2	135	TTG	TAA	0	0	
mORF_+_2698812	2698812	2699099	+	3	288	TTG	TAA	0	0	
mORF_+_2698837	2698837	2698908	+	1	72	TTG	TAG	0	0	
mORF_+_2698936	2698936	2699616	+	1	681	GTG	TAA	0	0	
mORF_+_2699099	2699099	2699107	+	2	9	ATG	TGA	0	0	
mORF_+_2699135	2699135	2699161	+	2	27	ATG	TGA	0	0	

mORF_+_2699202	2699202	2699300	+	3	99	TTG	TAA	0	0
mORF_+_2699222	2699222	2699278	+	2	57	TTG	TAG	0	0
mORF_+_2699285	2699285	2699368	+	2	84	GTG	TGA	0	0
mORF_+_2699304	2699304	2699330	+	3	27	GTG	TGA	0	0
mORF_+_2699390	2699390	2699458	+	2	69	TTG	TGA	0	0
mORF_+_2699445	2699445	2699594	+	3	150	TTG	TAA	0	0
mORF_+_2699546	2699546	2699566	+	2	21	ATG	TGA	0	0
mORF_+_2699573	2699573	2699599	+	2	27	ATG	TGA	0	0
mORF_+_2699617	2699617	2699736	+	1	120	ATG	TAA	0	0
mORF_+_2699627	2699627	2699683	+	2	57	ATG	TAA	0	0
mORF_+_2699699	2699699	2699794	+	2	96	TTG	TAG	0	0
mORF_+_2699772	2699772	2699828	+	3	57	ATG	TAA	0	0
mORF_+_2699860	2699860	2699997	+	1	138	ATG	TAA	0	0
mORF_+_2699888	2699888	2699944	+	2	57	GTG	TGA	0	0
mORF_+_2699969	2699969	2699977	+	2	9	TTG	TAA	0	0
mORF_+_2700007	2700007	2700063	+	1	57	ATG	TAA	0	0
mORF_+_2700042	2700042	2700251	+	3	210	ATG	TAA	0	0
mORF_+_2700080	2700080	2700124	+	2	45	GTG	TGA	0	0
mORF_+_2700121	2700121	2700141	+	1	21	GTG	TGA	0	0
mORF_+_2700142	2700142	2700156	+	1	15	ATG	TAA	0	0
mORF_+_2700214	2700214	2700234	+	1	21	TTG	TAA	0	0
mORF_+_2700238	2700238	2700648	+	1	411	GTG	TGA	0	0
mORF_+_2700251	2700251	2700295	+	2	45	ATG	TGA	0	0
mORF_+_2700344	2700344	2700361	+	2	18	ATG	TAG	0	0
mORF_+_2700374	2700374	2700418	+	2	45	GTG	TGA	0	0
mORF_+_2700459	2700459	2700506	+	3	48	ATG	TAA	0	0
mORF_+_2700470	2700470	2700844	+	2	375	ATG	TGA	0	0
mORF_+_2700615	2700615	2700725	+	3	111	ATG	TAA	0	0
mORF_+_2700816	2700816	2700860	+	3	45	ATG	TAA	0	0
mORF_+_2700841	2700841	2700855	+	1	15	GTG	TGA	0	0
mORF_+_2700872	2700872	2700892	+	2	21	GTG	TAG	0	0
mORF_+_2700893	2700893	2701531	+	2	639	ATG	TGA	0	0
mORF_+_2700907	2700907	2700918	+	1	12	TTG	TAG	0	0
mORF_+_2700918	2700918	2701232	+	3	315	GTG	TAG	0	0
mORF_+_2700949	2700949	2701083	+	1	135	TTG	TGA	0	0
mORF_+_2701219	2701219	2701305	+	1	87	GTG	TGA	0	0
mORF_+_2701269	2701269	2701277	+	3	9	ATG	TGA	0	0
mORF_+_2701293	2701293	2701391	+	3	99	TTG	TAA	0	0
mORF_+_2701339	2701339	2701380	+	1	42	ATG	TAA	0	0
mORF_+_2701401	2701401	2701505	+	3	105	ATG	TGA	0	0
mORF_+_2701513	2701513	2701683	+	1	171	GTG	TAA	0	0
mORF_+_2701673	2701673	2701699	+	2	27	TTG	TGA	0	0
mORF_+_2701696	2701696	2701731	+	1	36	TTG	TAA	0	0
mORF_+_2701731	2701731	2701784	+	3	54	ATG	TAA	0	0
mORF_+_2701742	2701742	2701915	+	2	174	GTG	TGA	0	0
mORF_+_2701912	2701912	2701959	+	1	48	GTG	TAA	0	0
mORF_+_2701925	2701925	2701939	+	2	15	TTG	TAG	0	0
mORF_+_2701978	2701978	2702007	+	1	30	ATG	TAA	0	0
mORF_+_2702007	2702007	2702036	+	3	30	ATG	TAA	0	0
mORF_+_2702029	2702029	2702307	+	1	279	ATG	TAA	0	0
mORF_+_2702039	2702039	2702044	+	2	6	GTG	TAG	0	0
mORF_+_2702075	2702075	2702098	+	2	24	ATG	TAA	0	0
mORF_+_2702103	2702103	2702240	+	3	138	ATG	TAA	0	0
mORF_+_2702207	2702207	2702311	+	2	105	GTG	TAA	0	0
mORF_+_2702318	2702318	2702329	+	2	12	TTG	TAA	0	0
mORF_+_2702340	2702340	2702360	+	3	21	GTG	TAA	0	0
mORF_+_2702350	2702350	2702436	+	1	87	ATG	TAG	0	0
mORF_+_2702360	2702360	2702383	+	2	24	ATG	TAA	0	0
mORF_+_2702364	2702364	2702483	+	3	120	ATG	TAA	0	0
mORF_+_2702411	2702411	2702740	+	2	330	TTG	TGA	0	0
mORF_+_2702440	2702440	2702523	+	1	84	TTG	TGA	0	0
mORF_+_2702499	2702499	2702579	+	3	81	TTG	TAA	0	0
mORF_+_2702551	2702551	2702784	+	1	234	TTG	TGA	0	0

mORF_+_2702619	2702619	2702750	+	3	132	ATG	TGA	0	0
mORF_+_2702781	2702781	2702831	+	3	51	GTG	TGA	0	0
mORF_+_2702828	2702828	2702848	+	2	21	TTG	TGA	0	0
mORF_+_2702845	2702845	2702865	+	1	21	TTG	TGA	0	0
mORF_+_2702862	2702862	2702903	+	3	42	GTG	TAA	0	0
mORF_+_2702911	2702911	2702931	+	1	21	TTG	TAA	0	0
mORF_+_2702957	2702957	2703043	+	2	87	ATG	TAA	0	0
mORF_+_2703000	2703000	2703008	+	3	9	ATG	TAA	0	0
mORF_+_2703184	2703184	2703246	+	1	63	TTG	TAG	0	0
mORF_+_2703247	2703247	2703474	+	1	228	GTG	TGA	0	0
mORF_+_2703279	2703279	2703488	+	3	210	ATG	TAA	0	0
mORF_+_2703368	2703368	2703691	+	2	324	GTG	TAA	0	0
mORF_+_2703525	2703525	2703563	+	3	39	GTG	TGA	0	0
mORF_+_2703564	2703564	2703740	+	3	177	ATG	TAA	0	0
mORF_+_2703586	2703586	2703654	+	1	69	GTG	TGA	0	0
mORF_+_2703842	2703842	2704015	+	2	174	GTG	TGA	0	0
mORF_+_2703855	2703855	2703929	+	3	75	TTG	TGA	0	0
mORF_+_2703907	2703907	2704005	+	1	99	ATG	TAA	0	0
mORF_+_2703960	2703960	2704001	+	3	42	ATG	TAG	0	0
mORF_+_2704012	2704012	2704056	+	1	45	TTG	TGA	0	0
mORF_+_2704017	2704017	2704172	+	3	156	GTG	TAG	0	0
mORF_+_2704106	2704106	2704180	+	2	75	GTG	TGA	0	0
mORF_+_2704177	2704177	2704197	+	1	21	GTG	TGA	0	0
mORF_+_2704272	2704272	2704454	+	3	183	TTG	TAG	0	0
mORF_+_2704349	2704349	2704525	+	2	177	GTG	TGA	0	0
mORF_+_2704470	2704470	2704541	+	3	72	ATG	TAG	0	0
mORF_+_2704522	2704522	2704563	+	1	42	GTG	TAA	0	0
mORF_+_2704542	2704542	2704799	+	3	258	TTG	TAG	0	0
mORF_+_2704567	2704567	2704923	+	1	357	GTG	TAA	0	0
mORF_+_2704814	2704814	2705155	+	2	342	TTG	TGA	0	0
mORF_+_2704914	2704914	2704934	+	3	21	GTG	TGA	0	0
mORF_+_2704956	2704956	2704961	+	3	6	TTG	TAG	0	0
mORF_+_2704983	2704983	2705114	+	3	132	TTG	TGA	0	0
mORF_+_2705118	2705118	2705180	+	3	63	ATG	TAA	0	0
mORF_+_2705152	2705152	2705169	+	1	18	ATG	TAA	0	0
mORF_+_2705159	2705159	2705257	+	2	99	TTG	TGA	0	0
mORF_+_2705254	2705254	2705409	+	1	156	TTG	TAA	0	0
mORF_+_2705267	2705267	2705341	+	2	75	ATG	TGA	0	0
mORF_+_2705280	2705280	2705414	+	3	135	ATG	TGA	0	0
mORF_+_2705411	2705411	2705455	+	2	45	ATG	TAG	0	0
mORF_+_2705419	2705419	2705505	+	1	87	TTG	TAA	0	0
mORF_+_2705505	2705505	2705552	+	3	48	ATG	TAA	0	0
mORF_+_2705589	2705589	2705600	+	3	12	ATG	TAA	0	0
mORF_+_2705635	2705635	2705649	+	1	15	TTG	TAA	0	0
mORF_+_2705672	2705672	2705842	+	2	171	ATG	TAA	0	0
mORF_+_2705677	2705677	2705706	+	1	30	ATG	TAA	0	0
mORF_+_2705730	2705730	2705759	+	3	30	GTG	TAA	0	0
mORF_+_2705788	2705788	2705955	+	1	168	TTG	TGA	0	0
mORF_+_2705823	2705823	2706005	+	3	183	TTG	TAA	0	0
mORF_+_2705918	2705918	2705926	+	2	9	TTG	TGA	0	0
mORF_+_2705959	2705959	2706018	+	1	60	GTG	TAG	0	0
mORF_+_2705966	2705966	2705974	+	2	9	ATG	TAG	0	0
mORF_+_2706023	2706023	2706034	+	2	12	GTG	TAG	0	0
mORF_+_2706037	2706037	2706204	+	1	168	ATG	TGA	0	0
mORF_+_2706092	2706092	2706118	+	2	27	GTG	TGA	0	0
mORF_+_2706164	2706164	2706196	+	2	33	TTG	TGA	0	0
mORF_+_2706205	2706205	2706312	+	1	108	TTG	TAG	0	0
mORF_+_2706231	2706231	2706281	+	3	51	TTG	TAA	0	0
mORF_+_2706320	2706320	2706349	+	2	30	GTG	TGA	0	0
mORF_+_2706346	2706346	2706402	+	1	57	ATG	TAG	0	0
mORF_+_2706418	2706418	2706432	+	1	15	TTG	TAG	0	0
mORF_+_2706440	2706440	2706472	+	2	33	ATG	TAA	0	0
mORF_+_2706457	2706457	2706462	+	1	6	ATG	TAA	0	0

mORF_+_2706475	2706475	2706504	+	1	30	GTG	TAG	0	0	
mORF_+_2706514	2706514	2706600	+	1	87	TTG	TAA	0	0	
mORF_+_2706552	2706552	2706641	+	3	90	TTG	TGA	0	0	
mORF_+_2706563	2706563	2706628	+	2	66	GTG	TGA	0	0	
mORF_+_2706625	2706625	2706651	+	1	27	TTG	TAA	0	0	
mORF_+_2706638	2706638	2706721	+	2	84	ATG	TAG	0	0	
mORF_+_2706706	2706706	2706909	+	1	204	GTG	TAA	0	0	
mORF_+_2706749	2706749	2706796	+	2	48	ATG	TAA	0	0	
mORF_+_2706768	2706768	2706803	+	3	36	TTG	TGA	0	0	
mORF_+_2706800	2706800	2707258	+	2	459	TTG	TGA	0	0	
mORF_+_2706909	2706909	2706944	+	3	36	ATG	TGA	0	0	
mORF_+_2706948	2706948	2707067	+	3	120	TTG	TAG	0	0	
mORF_+_2706952	2706952	2707020	+	1	69	TTG	TAA	0	0	
mORF_+_2707102	2707102	2707125	+	1	24	ATG	TAA	0	0	
mORF_+_2707129	2707129	2707368	+	1	240	GTG	TAA	0	0	
mORF_+_2707239	2707239	2707319	+	3	81	ATG	TGA	0	0	
mORF_+_2707271	2707271	2707303	+	2	33	ATG	TGA	0	0	
mORF_+_2707316	2707316	2707402	+	2	87	GTG	TAA	0	0	
mORF_+_2707412	2707412	2707432	+	2	21	TTG	TAA	0	0	
mORF_+_2707425	2707425	2707469	+	3	45	ATG	TGA	0	0	
mORF_+_2707477	2707477	2707521	+	1	45	TTG	TGA	0	0	
mORF_+_2707484	2707484	2707570	+	2	87	TTG	TAG	0	0	
mORF_+_2707518	2707518	2707550	+	3	33	GTG	TGA	0	0	
mORF_+_2707599	2707599	2707634	+	3	36	TTG	TAG	0	0	
mORF_+_2707604	2707604	2707771	+	2	168	ATG	TGA	0	0	
mORF_+_2707755	2707755	2707871	+	3	117	GTG	TAA	0	0	
mORF_+_2707882	2707882	2707965	+	1	84	TTG	TAA	0	0	
mORF_+_2708101	2708101	2708148	+	1	48	TTG	TAA	0	0	
mORF_+_2708133	2708133	2708138	+	3	6	TTG	TAA	0	0	
mORF_+_2708160	2708160	2708177	+	3	18	TTG	TAG	0	0	
mORF_+_2708164	2708164	2708250	+	1	87	TTG	TAA	0	0	
mORF_+_2708231	2708231	2708236	+	2	6	GTG	TAG	0	0	
mORF_+_2708343	2708343	2708369	+	3	27	GTG	TAA	0	0	
mORF_+_2708378	2708378	2708398	+	2	21	GTG	TGA	0	0	
mORF_+_2708395	2708395	2708409	+	1	15	ATG	TGA	0	0	
mORF_+_2708403	2708403	2708432	+	3	30	ATG	TAA	0	0	
mORF_+_2708417	2708417	2708458	+	2	42	ATG	TGA	0	0	
mORF_+_2708442	2708442	2710064	+	3	1623	ATG	TAA	21	43	pORF_+_2708442
mORF_+_2708465	2708465	2708470	+	2	6	ATG	TGA	0	0	
mORF_+_2708467	2708467	2708478	+	1	12	GTG	TGA	0	0	
mORF_+_2708584	2708584	2708655	+	1	72	ATG	TGA	0	0	
mORF_+_2708656	2708656	2708733	+	1	78	TTG	TAA	0	0	
mORF_+_2708672	2708672	2708692	+	2	21	TTG	TGA	0	0	
mORF_+_2708726	2708726	2708755	+	2	30	ATG	TGA	0	0	
mORF_+_2708752	2708752	2708796	+	1	45	TTG	TGA	0	0	
mORF_+_2708800	2708800	2708862	+	1	63	GTG	TAG	0	0	
mORF_+_2708929	2708929	2708937	+	1	9	TTG	TGA	0	0	
mORF_+_2708938	2708938	2709216	+	1	279	TTG	TAA	0	0	
mORF_+_2708987	2708987	2709004	+	2	18	GTG	TAA	0	0	
mORF_+_2709125	2709125	2709163	+	2	39	GTG	TAA	0	0	
mORF_+_2709259	2709259	2709345	+	1	87	ATG	TGA	0	0	
mORF_+_2709362	2709362	2709376	+	2	15	TTG	TGA	0	0	
mORF_+_2709373	2709373	2709423	+	1	51	TTG	TGA	0	0	
mORF_+_2709427	2709427	2709513	+	1	87	ATG	TAA	0	0	
mORF_+_2709517	2709517	2709570	+	1	54	TTG	TGA	0	0	
mORF_+_2709623	2709623	2709712	+	2	90	GTG	TGA	0	0	
mORF_+_2709634	2709634	2709744	+	1	111	ATG	TAG	0	0	
mORF_+_2709782	2709782	2709898	+	2	117	GTG	TAA	0	0	
mORF_+_2709793	2709793	2709843	+	1	51	TTG	TAA	0	0	
mORF_+_2709928	2709928	2709939	+	1	12	TTG	TGA	0	0	
mORF_+_2709940	2709940	2709957	+	1	18	TTG	TGA	0	0	
mORF_+_2710119	2710119	2710346	+	3	228	ATG	TGA	0	0	
mORF_+_2710162	2710162	2710257	+	1	96	ATG	TAA	0	0	

mORF_+_2710178	2710178	2710225	+	2	48	ATG	TAA	0	0	
mORF_+_2710226	2710226	2710243	+	2	18	ATG	TAA	0	0	
mORF_+_2710339	2710339	2710356	+	1	18	ATG	TAG	0	0	
mORF_+_2710343	2710343	2710435	+	2	93	GTG	TAA	0	0	
mORF_+_2710356	2710356	2710364	+	3	9	GTG	TAG	0	0	
mORF_+_2710384	2710384	2710428	+	1	45	GTG	TGA	0	0	
mORF_+_2710428	2710428	2710472	+	3	45	ATG	TGA	0	0	
mORF_+_2710456	2710456	2710461	+	1	6	GTG	TGA	0	0	
mORF_+_2710484	2710484	2710609	+	2	126	ATG	TAA	0	0	
mORF_+_2710518	2710518	2710724	+	3	207	TTG	TGA	0	0	
mORF_+_2710609	2710609	2710743	+	1	135	ATG	TAA	0	0	
mORF_+_2710721	2710721	2710783	+	2	63	GTG	TGA	0	0	
mORF_+_2710771	2710771	2710776	+	1	6	ATG	TAG	0	0	
mORF_+_2710780	2710780	2710788	+	1	9	GTG	TGA	0	0	
mORF_+_2710785	2710785	2710829	+	3	45	ATG	TGA	0	0	
mORF_+_2710799	2710799	2710819	+	2	21	TTG	TAG	0	0	
mORF_+_2710826	2710826	2710921	+	2	96	GTG	TGA	0	0	
mORF_+_2710872	2710872	2710883	+	3	12	TTG	TAA	0	0	
mORF_+_2710918	2710918	2712252	+	1	1335	ATG	TAA	41	236	pORF_+_2710918
mORF_+_2710943	2710943	2711158	+	2	216	TTG	TGA	0	0	
mORF_+_2711201	2711201	2711260	+	2	60	ATG	TAG	0	0	
mORF_+_2711358	2711358	2711372	+	3	15	TTG	TGA	0	0	
mORF_+_2711369	2711369	2711380	+	2	12	TTG	TGA	0	0	
mORF_+_2711438	2711438	2711647	+	2	210	TTG	TAA	0	0	
mORF_+_2711589	2711589	2711609	+	3	21	GTG	TGA	0	0	
mORF_+_2711672	2711672	2711800	+	2	129	TTG	TGA	0	0	
mORF_+_2711834	2711834	2712007	+	2	174	ATG	TAG	0	0	
mORF_+_2712017	2712017	2712166	+	2	150	TTG	TGA	0	0	
mORF_+_2712194	2712194	2712310	+	2	117	TTG	TGA	0	0	
mORF_+_2712258	2712258	2712410	+	3	153	ATG	TAA	0	0	
mORF_+_2712310	2712310	2712354	+	1	45	ATG	TGA	0	0	
mORF_+_2712341	2712341	2712406	+	2	66	ATG	TGA	0	0	
mORF_+_2712367	2712367	2712372	+	1	6	TTG	TAG	0	0	
mORF_+_2712403	2712403	2712498	+	1	96	ATG	TAA	0	0	
mORF_+_2712419	2712419	2712433	+	2	15	TTG	TAA	0	0	
mORF_+_2712434	2712434	2712592	+	2	159	ATG	TAA	0	0	
mORF_+_2712501	2712501	2712536	+	3	36	GTG	TGA	0	0	
mORF_+_2712538	2712538	2712555	+	1	18	GTG	TAA	0	0	
mORF_+_2712546	2712546	2712638	+	3	93	ATG	TAG	0	0	
mORF_+_2712613	2712613	2712642	+	1	30	TTG	TGA	0	0	
mORF_+_2712669	2712669	2712725	+	3	57	TTG	TGA	0	0	
mORF_+_2712732	2712732	2712908	+	3	177	GTG	TAA	0	0	
mORF_+_2712761	2712761	2712838	+	2	78	TTG	TGA	0	0	
mORF_+_2712835	2712835	2713131	+	1	297	GTG	TAA	0	0	
mORF_+_2712857	2712857	2712940	+	2	84	TTG	TAG	0	0	
mORF_+_2713001	2713001	2713069	+	2	69	TTG	TAG	0	0	
mORF_+_2713095	2713095	2713139	+	3	45	TTG	TAA	0	0	
mORF_+_2713140	2713140	2713235	+	3	96	ATG	TGA	0	0	
mORF_+_2713142	2713142	2713204	+	2	63	GTG	TAA	0	0	
mORF_+_2713238	2713238	2713381	+	2	144	ATG	TAA	0	0	
mORF_+_2713258	2713258	2713317	+	1	60	GTG	TAA	0	0	
mORF_+_2713400	2713400	2713441	+	2	42	ATG	TAA	0	0	
mORF_+_2713407	2713407	2713448	+	3	42	GTG	TGA	0	0	
mORF_+_2713445	2713445	2714032	+	2	588	GTG	TAA	0	0	
mORF_+_2713464	2713464	2713487	+	3	24	GTG	TGA	0	0	
mORF_+_2713471	2713471	2713530	+	1	60	TTG	TAG	0	0	
mORF_+_2713545	2713545	2713583	+	3	39	ATG	TGA	0	0	
mORF_+_2713599	2713599	2713604	+	3	6	TTG	TGA	0	0	
mORF_+_2713612	2713612	2713647	+	1	36	GTG	TGA	0	0	
mORF_+_2713614	2713614	2713643	+	3	30	GTG	TGA	0	0	
mORF_+_2713644	2713644	2713670	+	3	27	TTG	TGA	0	0	
mORF_+_2713672	2713672	2714166	+	1	495	TTG	TAA	0	0	
mORF_+_2713692	2713692	2713793	+	3	102	TTG	TGA	0	0	

mORF_+_2713815	2713815	2713862	+	3	48	GTG	TAA	0	0	
mORF_+_2713872	2713872	2713898	+	3	27	TTG	TGA	0	0	
mORF_+_2713899	2713899	2713979	+	3	81	TTG	TAA	0	0	
mORF_+_2713989	2713989	2714069	+	3	81	TTG	TAG	0	0	
mORF_+_2714179	2714179	2714262	+	1	84	ATG	TGA	0	0	
mORF_+_2714205	2714205	2714582	+	3	378	ATG	TGA	0	0	
mORF_+_2714317	2714317	2714361	+	1	45	ATG	TAA	0	0	
mORF_+_2714369	2714369	2714440	+	2	72	TTG	TAG	0	0	
mORF_+_2714377	2714377	2714475	+	1	99	ATG	TGA	0	0	
mORF_+_2714501	2714501	2714545	+	2	45	TTG	TGA	0	0	
mORF_+_2714542	2714542	2714574	+	1	33	TTG	TGA	0	0	
mORF_+_2714546	2714546	2714587	+	2	42	GTG	TAA	0	0	
mORF_+_2714612	2714612	2714728	+	2	117	ATG	TAG	0	0	
mORF_+_2714622	2714622	2714660	+	3	39	ATG	TGA	0	0	
mORF_+_2714632	2714632	2714709	+	1	78	TTG	TGA	0	0	
mORF_+_2714706	2714706	2714747	+	3	42	ATG	TAG	0	0	
mORF_+_2714753	2714753	2714791	+	2	39	TTG	TAA	0	0	
mORF_+_2714776	2714776	2715465	+	1	690	ATG	TAA	3	8	pORF_+_2714776
mORF_+_2714798	2714798	2714953	+	2	156	ATG	TGA	0	0	
mORF_+_2714993	2714993	2715046	+	2	54	ATG	TGA	0	0	
mORF_+_2715098	2715098	2715154	+	2	57	ATG	TGA	0	0	
mORF_+_2715264	2715264	2715305	+	3	42	GTG	TAA	0	0	
mORF_+_2715275	2715275	2715301	+	2	27	ATG	TAG	0	0	
mORF_+_2715317	2715317	2715325	+	2	9	ATG	TGA	0	0	
mORF_+_2715359	2715359	2715508	+	2	150	GTG	TGA	0	0	
mORF_+_2715399	2715399	2715431	+	3	33	GTG	TGA	0	0	
mORF_+_2715468	2715468	2715644	+	3	177	TTG	TAA	0	0	
mORF_+_2715478	2715478	2715528	+	1	51	ATG	TGA	0	0	
mORF_+_2715557	2715557	2715694	+	2	138	TTG	TAG	0	0	
mORF_+_2715586	2715586	2715660	+	1	75	TTG	TGA	0	0	
mORF_+_2715697	2715697	2715744	+	1	48	TTG	TAA	0	0	
mORF_+_2715778	2715778	2715801	+	1	24	ATG	TGA	0	0	
mORF_+_2715804	2715804	2716055	+	3	252	GTG	TGA	0	0	
mORF_+_2715854	2715854	2715934	+	2	81	GTG	TAG	0	0	
mORF_+_2715910	2715910	2716041	+	1	132	ATG	TGA	0	0	
mORF_+_2715947	2715947	2716018	+	2	72	GTG	TGA	0	0	
mORF_+_2716048	2716048	2716203	+	1	156	GTG	TGA	0	0	
mORF_+_2716061	2716061	2716132	+	2	72	TTG	TAA	0	0	
mORF_+_2716086	2716086	2716688	+	3	603	ATG	TAA	0	0	
mORF_+_2716196	2716196	2716270	+	2	75	GTG	TAA	0	0	
mORF_+_2716285	2716285	2716296	+	1	12	ATG	TGA	0	0	
mORF_+_2716339	2716339	2716380	+	1	42	GTG	TGA	0	0	
mORF_+_2716387	2716387	2716614	+	1	228	TTG	TGA	0	0	
mORF_+_2716661	2716661	2716729	+	2	69	TTG	TAA	0	0	
mORF_+_2716690	2716690	2716695	+	1	6	ATG	TAA	0	0	
mORF_+_2716720	2716720	2716857	+	1	138	TTG	TGA	0	0	
mORF_+_2716757	2716757	2717176	+	2	420	ATG	TAA	6	35	pORF_+_2716757
mORF_+_2716818	2716818	2716868	+	3	51	ATG	TGA	0	0	
mORF_+_2716872	2716872	2716904	+	3	33	ATG	TGA	0	0	
mORF_+_2716908	2716908	2716925	+	3	18	ATG	TGA	0	0	
mORF_+_2716942	2716942	2716962	+	1	21	GTG	TAA	0	0	
mORF_+_2716977	2716977	2717021	+	3	45	TTG	TGA	0	0	
mORF_+_2717043	2717043	2717051	+	3	9	GTG	TGA	0	0	
mORF_+_2717061	2717061	2717090	+	3	30	TTG	TGA	0	0	
mORF_+_2717109	2717109	2717162	+	3	54	TTG	TGA	0	0	
mORF_+_2717194	2717194	2717943	+	1	750	TTG	TAA	0	0	
mORF_+_2717196	2717196	2717321	+	3	126	GTG	TAA	0	0	
mORF_+_2717285	2717285	2717419	+	2	135	TTG	TGA	0	0	
mORF_+_2717364	2717364	2717450	+	3	87	ATG	TAA	0	0	
mORF_+_2717465	2717465	2717608	+	2	144	TTG	TGA	0	0	
mORF_+_2717499	2717499	2717591	+	3	93	ATG	TGA	0	0	
mORF_+_2717654	2717654	2717800	+	2	147	ATG	TAG	0	0	
mORF_+_2717784	2717784	2717873	+	3	90	TTG	TAA	0	0	

mORF_+_2717975	2717975	2720635	+	2	2661	ATG	TGA	9	37	pORF_+_2717975
mORF_+_2718027	2718027	2718041	+	3	15	TTG	TGA	0	0	
mORF_+_2718141	2718141	2718383	+	3	243	GTG	TGA	0	0	
mORF_+_2718199	2718199	2718219	+	1	21	ATG	TAA	0	0	
mORF_+_2718384	2718384	2718608	+	3	225	ATG	TAA	0	0	
mORF_+_2718624	2718624	2718671	+	3	48	TTG	TGA	0	0	
mORF_+_2718736	2718736	2718816	+	1	81	ATG	TAG	0	0	
mORF_+_2718741	2718741	2718848	+	3	108	ATG	TGA	0	0	
mORF_+_2718864	2718864	2718929	+	3	66	GTG	TAA	0	0	
mORF_+_2718898	2718898	2718987	+	1	90	ATG	TAA	0	0	
mORF_+_2718957	2718957	2719076	+	3	120	ATG	TGA	0	0	
mORF_+_2719134	2719134	2719145	+	3	12	TTG	TAA	0	0	
mORF_+_2719167	2719167	2719181	+	3	15	ATG	TGA	0	0	
mORF_+_2719189	2719189	2719308	+	1	120	GTG	TAA	0	0	
mORF_+_2719395	2719395	2719460	+	3	66	TTG	TGA	0	0	
mORF_+_2719479	2719479	2719541	+	3	63	TTG	TGA	0	0	
mORF_+_2719611	2719611	2719652	+	3	42	ATG	TAA	0	0	
mORF_+_2719710	2719710	2719769	+	3	60	GTG	TGA	0	0	
mORF_+_2719779	2719779	2719838	+	3	60	GTG	TGA	0	0	
mORF_+_2719795	2719795	2719806	+	1	12	GTG	TGA	0	0	
mORF_+_2719893	2719893	2719934	+	3	42	GTG	TGA	0	0	
mORF_+_2719965	2719965	2720129	+	3	165	TTG	TAG	0	0	
mORF_+_2719972	2719972	2720025	+	1	54	TTG	TGA	0	0	
mORF_+_2720122	2720122	2720145	+	1	24	ATG	TGA	0	0	
mORF_+_2720142	2720142	2720276	+	3	135	GTG	TAG	0	0	
mORF_+_2720316	2720316	2720321	+	3	6	TTG	TAG	0	0	
mORF_+_2720334	2720334	2720438	+	3	105	TTG	TAG	0	0	
mORF_+_2720505	2720505	2720546	+	3	42	ATG	TAG	0	0	
mORF_+_2720568	2720568	2720609	+	3	42	TTG	TAA	0	0	
mORF_+_2720613	2720613	2720639	+	3	27	TTG	TAA	0	0	
mORF_+_2720632	2720632	2720664	+	1	33	ATG	TAA	0	0	
mORF_+_2720674	2720674	2720727	+	1	54	GTG	TGA	0	0	
mORF_+_2720693	2720693	2720749	+	2	57	ATG	TGA	0	0	
mORF_+_2720724	2720724	2720765	+	3	42	ATG	TAA	0	0	
mORF_+_2720746	2720746	2722104	+	1	1359	GTG	TAA	21	56	pORF_+_2720746
mORF_+_2720789	2720789	2720881	+	2	93	TTG	TAG	0	0	
mORF_+_2720901	2720901	2720933	+	3	33	TTG	TGA	0	0	
mORF_+_2720906	2720906	2720953	+	2	48	TTG	TGA	0	0	
mORF_+_2720963	2720963	2721106	+	2	144	ATG	TAG	0	0	
mORF_+_2721107	2721107	2721214	+	2	108	ATG	TGA	0	0	
mORF_+_2721218	2721218	2721268	+	2	51	ATG	TGA	0	0	
mORF_+_2721299	2721299	2721325	+	2	27	TTG	TGA	0	0	
mORF_+_2721303	2721303	2721341	+	3	39	ATG	TAA	0	0	
mORF_+_2721326	2721326	2721469	+	2	144	ATG	TAA	0	0	
mORF_+_2721531	2721531	2721647	+	3	117	TTG	TGA	0	0	
mORF_+_2721533	2721533	2721550	+	2	18	GTG	TAA	0	0	
mORF_+_2721587	2721587	2721697	+	2	111	TTG	TAA	0	0	
mORF_+_2721698	2721698	2721745	+	2	48	TTG	TGA	0	0	
mORF_+_2721792	2721792	2721803	+	3	12	ATG	TGA	0	0	
mORF_+_2721800	2721800	2721823	+	2	24	ATG	TGA	0	0	
mORF_+_2721831	2721831	2721839	+	3	9	GTG	TGA	0	0	
mORF_+_2721836	2721836	2721856	+	2	21	TTG	TGA	0	0	
mORF_+_2721846	2721846	2721866	+	3	21	GTG	TAA	0	0	
mORF_+_2721932	2721932	2721970	+	2	39	TTG	TGA	0	0	
mORF_+_2722019	2722019	2722036	+	2	18	TTG	TGA	0	0	
mORF_+_2722129	2722129	2722473	+	1	345	TTG	TAA	0	0	
mORF_+_2722136	2722136	2722303	+	2	168	TTG	TGA	0	0	
mORF_+_2722191	2722191	2722208	+	3	18	ATG	TAA	0	0	
mORF_+_2722316	2722316	2722333	+	2	18	GTG	TGA	0	0	
mORF_+_2722368	2722368	2722376	+	3	9	TTG	TAG	0	0	
mORF_+_2722421	2722421	2722462	+	2	42	ATG	TGA	0	0	
mORF_+_2722492	2722492	2722713	+	1	222	TTG	TAA	0	0	
mORF_+_2722497	2722497	2722502	+	3	6	ATG	TAG	0	0	

mORF_+_2722574	2722574	2722621	+	2	48	TTG	TAG	0	0
mORF_+_2722637	2722637	2722702	+	2	66	ATG	TGA	0	0
mORF_+_2722703	2722703	2722795	+	2	93	TTG	TAG	0	0
mORF_+_2722776	2722776	2722787	+	3	12	TTG	TGA	0	0
mORF_+_2722807	2722807	2722884	+	1	78	ATG	TGA	0	0
mORF_+_2722835	2722835	2722876	+	2	42	TTG	TGA	0	0
mORF_+_2722877	2722877	2722888	+	2	12	GTG	TAA	0	0
mORF_+_2722881	2722881	2723057	+	3	177	TTG	TAA	0	0
mORF_+_2722891	2722891	2722977	+	1	87	ATG	TAA	0	0
mORF_+_2722904	2722904	2722918	+	2	15	ATG	TAA	0	0
mORF_+_2722981	2722981	2722992	+	1	12	GTG	TAG	0	0
mORF_+_2723029	2723029	2723121	+	1	93	ATG	TGA	0	0
mORF_+_2723036	2723036	2723194	+	2	159	ATG	TGA	0	0
mORF_+_2723097	2723097	2723117	+	3	21	TTG	TAA	0	0
mORF_+_2723195	2723195	2723416	+	2	222	GTG	TAG	0	0
mORF_+_2723209	2723209	2723277	+	1	69	ATG	TGA	0	0
mORF_+_2723214	2723214	2723222	+	3	9	GTG	TAA	0	0
mORF_+_2723250	2723250	2723282	+	3	33	TTG	TGA	0	0
mORF_+_2723296	2723296	2723328	+	1	33	TTG	TAG	0	0
mORF_+_2723329	2723329	2723370	+	1	42	GTG	TGA	0	0
mORF_+_2723491	2723491	2723589	+	1	99	TTG	TGA	0	0
mORF_+_2723499	2723499	2723525	+	3	27	ATG	TAG	0	0
mORF_+_2723537	2723537	2723875	+	2	339	TTG	TAA	0	0
mORF_+_2723577	2723577	2723582	+	3	6	TTG	TAG	0	0
mORF_+_2723586	2723586	2723636	+	3	51	TTG	TGA	0	0
mORF_+_2723596	2723596	2723631	+	1	36	GTG	TAG	0	0
mORF_+_2723707	2723707	2723790	+	1	84	ATG	TAA	0	0
mORF_+_2723775	2723775	2723891	+	3	117	ATG	TAG	0	0
mORF_+_2723827	2723827	2723832	+	1	6	TTG	TAA	0	0
mORF_+_2723878	2723878	2724009	+	1	132	ATG	TAA	0	0
mORF_+_2723906	2723906	2723935	+	2	30	TTG	TAA	0	0
mORF_+_2723996	2723996	2724091	+	2	96	ATG	TGA	0	0
mORF_+_2724048	2724048	2724086	+	3	39	ATG	TAA	0	0
mORF_+_2724088	2724088	2724249	+	1	162	TTG	TAA	0	0
mORF_+_2724116	2724116	2724163	+	2	48	ATG	TGA	0	0
mORF_+_2724171	2724171	2724410	+	3	240	ATG	TAA	0	0
mORF_+_2724299	2724299	2724304	+	2	6	TTG	TAA	0	0
mORF_+_2724445	2724445	2724555	+	1	111	GTG	TAG	0	0
mORF_+_2724453	2724453	2724509	+	3	57	ATG	TGA	0	0
mORF_+_2724506	2724506	2724595	+	2	90	ATG	TAG	0	0
mORF_+_2724646	2724646	2724693	+	1	48	ATG	TGA	0	0
mORF_+_2724665	2724665	2724733	+	2	69	TTG	TGA	0	0
mORF_+_2724690	2724690	2724887	+	3	198	GTG	TAA	0	0
mORF_+_2724709	2724709	2724912	+	1	204	GTG	TAG	0	0
mORF_+_2724788	2724788	2724823	+	2	36	ATG	TGA	0	0
mORF_+_2724922	2724922	2725011	+	1	90	GTG	TAG	0	0
mORF_+_2725030	2725030	2725200	+	1	171	GTG	TGA	0	0
mORF_+_2725052	2725052	2725129	+	2	78	ATG	TAG	0	0
mORF_+_2725116	2725116	2725343	+	3	228	GTG	TAA	0	0
mORF_+_2725208	2725208	2725282	+	2	75	GTG	TAG	0	0
mORF_+_2725240	2725240	2725293	+	1	54	GTG	TAG	0	0
mORF_+_2725401	2725401	2725460	+	3	60	GTG	TGA	0	0
mORF_+_2725405	2725405	2725623	+	1	219	TTG	TGA	0	0
mORF_+_2725412	2725412	2725426	+	2	15	GTG	TAA	0	0
mORF_+_2725530	2725530	2725583	+	3	54	TTG	TGA	0	0
mORF_+_2725590	2725590	2725613	+	3	24	GTG	TGA	0	0
mORF_+_2725598	2725598	2725630	+	2	33	TTG	TAG	0	0
mORF_+_2725623	2725623	2725796	+	3	174	ATG	TAA	0	0
mORF_+_2725655	2725655	2725882	+	2	228	TTG	TAA	0	0
mORF_+_2725885	2725885	2725965	+	1	81	TTG	TGA	0	0
mORF_+_2725899	2725899	2726129	+	3	231	TTG	TGA	0	0
mORF_+_2725976	2725976	2726125	+	2	150	ATG	TAA	0	0
mORF_+_2726059	2726059	2726067	+	1	9	ATG	TAG	0	0

mORF_+_2726126	2726126	2726209	+	2	84	ATG	TAG	0	0
mORF_+_2726223	2726223	2726273	+	3	51	TTG	TGA	0	0
mORF_+_2726261	2726261	2726323	+	2	63	GTG	TGA	0	0
mORF_+_2726307	2726307	2726360	+	3	54	TTG	TGA	0	0
mORF_+_2726320	2726320	2726520	+	1	201	ATG	TAG	0	0
mORF_+_2726357	2726357	2726380	+	2	24	ATG	TAA	0	0
mORF_+_2726414	2726414	2726467	+	2	54	TTG	TAG	0	0
mORF_+_2726418	2726418	2726453	+	3	36	TTG	TAA	0	0
mORF_+_2726513	2726513	2726566	+	2	54	ATG	TAA	0	0
mORF_+_2726604	2726604	2726627	+	3	24	TTG	TGA	0	0
mORF_+_2726665	2726665	2726781	+	1	117	GTG	TAG	0	0
mORF_+_2726678	2726678	2726983	+	2	306	TTG	TGA	0	0
mORF_+_2726784	2726784	2726915	+	3	132	TTG	TAA	0	0
mORF_+_2726791	2726791	2727006	+	1	216	ATG	TAG	0	0
mORF_+_2727007	2727007	2727054	+	1	48	ATG	TAA	0	0
mORF_+_2727041	2727041	2727196	+	2	156	ATG	TAG	0	0
mORF_+_2727054	2727054	2727146	+	3	93	ATG	TAG	0	0
mORF_+_2727220	2727220	2727249	+	1	30	ATG	TGA	0	0
mORF_+_2727236	2727236	2727298	+	2	63	TTG	TGA	0	0
mORF_+_2727246	2727246	2727311	+	3	66	TTG	TAA	0	0
mORF_+_2727271	2727271	2727351	+	1	81	TTG	TGA	0	0
mORF_+_2727348	2727348	2727359	+	3	12	TTG	TGA	0	0
mORF_+_2727356	2727356	2727403	+	2	48	TTG	TAG	0	0
mORF_+_2727390	2727390	2727431	+	3	42	GTG	TGA	0	0
mORF_+_2727428	2727428	2727508	+	2	81	GTG	TAG	0	0
mORF_+_2727439	2727439	2727495	+	1	57	GTG	TGA	0	0
mORF_+_2727474	2727474	2727524	+	3	51	TTG	TAA	0	0
mORF_+_2727578	2727578	2727640	+	2	63	TTG	TAA	0	0
mORF_+_2727606	2727606	2727611	+	3	6	GTG	TGA	0	0
mORF_+_2727645	2727645	2727836	+	3	192	GTG	TAG	0	0
mORF_+_2727677	2727677	2727736	+	2	60	TTG	TAA	0	0
mORF_+_2727751	2727751	2727774	+	1	24	TTG	TGA	0	0
mORF_+_2727781	2727781	2727822	+	1	42	GTG	TGA	0	0
mORF_+_2727850	2727850	2727897	+	1	48	ATG	TGA	0	0
mORF_+_2727861	2727861	2727986	+	3	126	TTG	TGA	0	0
mORF_+_2727905	2727905	2727946	+	2	42	TTG	TAG	0	0
mORF_+_2727950	2727950	2728090	+	2	141	GTG	TAA	0	0
mORF_+_2727952	2727952	2727957	+	1	6	GTG	TAG	0	0
mORF_+_2728029	2728029	2728115	+	3	87	TTG	TGA	0	0
mORF_+_2728069	2728069	2728170	+	1	102	TTG	TGA	0	0
mORF_+_2728124	2728124	2728276	+	2	153	ATG	TAA	0	0
mORF_+_2728179	2728179	2728199	+	3	21	GTG	TAA	0	0
mORF_+_2728183	2728183	2728224	+	1	42	ATG	TAA	0	0
mORF_+_2728230	2728230	2728310	+	3	81	ATG	TAA	0	0
mORF_+_2728279	2728279	2728392	+	1	114	TTG	TAA	0	0
mORF_+_2728399	2728399	2728587	+	1	189	TTG	TAA	0	0
mORF_+_2728544	2728544	2728561	+	2	18	ATG	TGA	0	0
mORF_+_2728600	2728600	2728629	+	1	30	GTG	TAA	0	0
mORF_+_2728633	2728633	2728695	+	1	63	TTG	TAA	0	0
mORF_+_2728677	2728677	2728838	+	3	162	GTG	TAG	0	0
mORF_+_2728808	2728808	2728894	+	2	87	GTG	TAG	0	0
mORF_+_2728864	2728864	2729163	+	1	300	GTG	TGA	0	0
mORF_+_2728866	2728866	2729027	+	3	162	GTG	TAG	0	0
mORF_+_2729000	2729000	2729011	+	2	12	ATG	TAG	0	0
mORF_+_2729120	2729120	2729269	+	2	150	TTG	TAA	0	0
mORF_+_2729124	2729124	2729132	+	3	9	ATG	TAG	0	0
mORF_+_2729160	2729160	2729189	+	3	30	ATG	TGA	0	0
mORF_+_2729232	2729232	2729306	+	3	75	TTG	TGA	0	0
mORF_+_2729239	2729239	2729364	+	1	126	TTG	TAA	0	0
mORF_+_2729324	2729324	2729413	+	2	90	GTG	TGA	0	0
mORF_+_2729355	2729355	2729519	+	3	165	GTG	TAA	0	0
mORF_+_2729410	2729410	2729580	+	1	171	TTG	TAA	0	0
mORF_+_2729450	2729450	2729485	+	2	36	TTG	TAG	0	0

mORF_+_2729700	2729700	2730398	+	3	699	TTG	TGA	0	0	
mORF_+_2729705	2729705	2729935	+	2	231	GTG	TAA	0	0	
mORF_+_2729812	2729812	2729826	+	1	15	ATG	TAA	0	0	
mORF_+_2729845	2729845	2729865	+	1	21	TTG	TGA	0	0	
mORF_+_2729884	2729884	2729997	+	1	114	ATG	TAA	0	0	
mORF_+_2730052	2730052	2730216	+	1	165	ATG	TAG	0	0	
mORF_+_2730377	2730377	2730448	+	2	72	TTG	TAG	0	0	
mORF_+_2730492	2730492	2730824	+	3	333	ATG	TAA	0	0	
mORF_+_2730544	2730544	2730837	+	1	294	ATG	TGA	0	0	
mORF_+_2730647	2730647	2730742	+	2	96	TTG	TAG	0	0	
mORF_+_2730794	2730794	2730865	+	2	72	ATG	TGA	0	0	
mORF_+_2730844	2730844	2731044	+	1	201	TTG	TGA	0	0	
mORF_+_2730918	2730918	2730977	+	3	60	TTG	TGA	0	0	
mORF_+_2730974	2730974	2731102	+	2	129	TTG	TAA	0	0	
mORF_+_2731054	2731054	2731059	+	1	6	ATG	TAG	0	0	
mORF_+_2731062	2731062	2731358	+	3	297	ATG	TAA	0	0	
mORF_+_2731156	2731156	2731623	+	1	468	ATG	TGA	1	2	pORF_+_2731156
mORF_+_2731319	2731319	2731369	+	2	51	TTG	TAA	0	0	
mORF_+_2731611	2731611	2731874	+	3	264	TTG	TGA	0	0	
mORF_+_2731624	2731624	2731722	+	1	99	ATG	TGA	0	0	
mORF_+_2731789	2731789	2732001	+	1	213	ATG	TGA	0	0	
mORF_+_2731850	2731850	2731882	+	2	33	GTG	TAA	0	0	
mORF_+_2731899	2731899	2731946	+	3	48	TTG	TGA	0	0	
mORF_+_2731943	2731943	2732005	+	2	63	GTG	TGA	0	0	
mORF_+_2732002	2732002	2732076	+	1	75	TTG	TGA	0	0	
mORF_+_2732042	2732042	2732059	+	2	18	ATG	TAA	0	0	
mORF_+_2732097	2732097	2732141	+	3	45	ATG	TGA	0	0	
mORF_+_2732102	2732102	2732113	+	2	12	GTG	TAA	0	0	
mORF_+_2732119	2732119	2732379	+	1	261	TTG	TAA	0	0	
mORF_+_2732132	2732132	2732176	+	2	45	GTG	TAG	0	0	
mORF_+_2732142	2732142	2732240	+	3	99	TTG	TGA	0	0	
mORF_+_2732237	2732237	2732284	+	2	48	ATG	TGA	0	0	
mORF_+_2732312	2732312	2732323	+	2	12	TTG	TAG	0	0	
mORF_+_2732345	2732345	2732509	+	2	165	TTG	TGA	0	0	
mORF_+_2732430	2732430	2732600	+	3	171	TTG	TAA	0	0	
mORF_+_2732506	2732506	2732688	+	1	183	ATG	TGA	0	0	
mORF_+_2732519	2732519	2732527	+	2	9	TTG	TAG	0	0	
mORF_+_2732579	2732579	2732824	+	2	246	GTG	TGA	0	0	
mORF_+_2732685	2732685	2732804	+	3	120	ATG	TGA	0	0	
mORF_+_2732716	2732716	2732784	+	1	69	TTG	TAA	0	0	
mORF_+_2732821	2732821	2732922	+	1	102	GTG	TGA	0	0	
mORF_+_2732844	2732844	2732960	+	3	117	GTG	TGA	0	0	
mORF_+_2732953	2732953	2733135	+	1	183	TTG	TAG	0	0	
mORF_+_2732957	2732957	2733058	+	2	102	GTG	TAA	0	0	
mORF_+_2733077	2733077	2733199	+	2	123	ATG	TAG	0	0	
mORF_+_2733156	2733156	2733173	+	3	18	ATG	TGA	0	0	
mORF_+_2733186	2733186	2733278	+	3	93	ATG	TAA	0	0	
mORF_+_2733190	2733190	2733234	+	1	45	TTG	TAA	0	0	
mORF_+_2733235	2733235	2733306	+	1	72	ATG	TGA	0	0	
mORF_+_2733299	2733299	2733562	+	2	264	ATG	TAA	0	0	
mORF_+_2733303	2733303	2733401	+	3	99	GTG	TAG	0	0	
mORF_+_2733417	2733417	2733503	+	3	87	TTG	TGA	0	0	
mORF_+_2733469	2733469	2733534	+	1	66	TTG	TAA	0	0	
mORF_+_2733586	2733586	2733747	+	1	162	TTG	TAA	0	0	
mORF_+_2733606	2733606	2733668	+	3	63	GTG	TAG	0	0	
mORF_+_2733626	2733626	2733940	+	2	315	ATG	TGA	0	0	
mORF_+_2733693	2733693	2733773	+	3	81	GTG	TAG	0	0	
mORF_+_2733831	2733831	2733944	+	3	114	TTG	TAA	0	0	
mORF_+_2733937	2733937	2734014	+	1	78	GTG	TGA	0	0	
mORF_+_2733980	2733980	2734111	+	2	132	TTG	TAA	0	0	
mORF_+_2734011	2734011	2734088	+	3	78	GTG	TAG	0	0	
mORF_+_2734027	2734027	2734083	+	1	57	GTG	TAA	0	0	
mORF_+_2734090	2734090	2734101	+	1	12	GTG	TAG	0	0	

mORF_+_2734148	2734148	2734171	+	2	24	TTG	TGA	0	0	
mORF_+_2734168	2734168	2734905	+	1	738	ATG	TAA	36	184	pORF_+_2734168
mORF_+_2734224	2734224	2734253	+	3	30	TTG	TGA	0	0	
mORF_+_2734265	2734265	2734324	+	2	60	ATG	TAA	0	0	
mORF_+_2734358	2734358	2734429	+	2	72	TTG	TAG	0	0	
mORF_+_2734487	2734487	2734510	+	2	24	ATG	TGA	0	0	
mORF_+_2734526	2734526	2734678	+	2	153	ATG	TGA	0	0	
mORF_+_2734697	2734697	2734762	+	2	66	ATG	TAG	0	0	
mORF_+_2734737	2734737	2734754	+	3	18	ATG	TAA	0	0	
mORF_+_2734802	2734802	2734819	+	2	18	GTG	TGA	0	0	
mORF_+_2734826	2734826	2734849	+	2	24	ATG	TGA	0	0	
mORF_+_2734850	2734850	2734870	+	2	21	ATG	TAG	0	0	
mORF_+_2734935	2734935	2735141	+	3	207	TTG	TGA	0	0	
mORF_+_2734963	2734963	2734968	+	1	6	TTG	TGA	0	0	
mORF_+_2735006	2735006	2735035	+	2	30	ATG	TAA	0	0	
mORF_+_2735086	2735086	2735100	+	1	15	GTG	TGA	0	0	
mORF_+_2735135	2735135	2735170	+	2	36	ATG	TAA	0	0	
mORF_+_2735176	2735176	2735517	+	1	342	ATG	TAG	46	345	pORF_+_2735176
mORF_+_2735231	2735231	2735278	+	2	48	ATG	TGA	0	0	
mORF_+_2735262	2735262	2735282	+	3	21	ATG	TAA	0	0	
mORF_+_2735318	2735318	2735407	+	2	90	TTG	TGA	0	0	
mORF_+_2735462	2735462	2735479	+	2	18	GTG	TGA	0	0	
mORF_+_2735504	2735504	2735530	+	2	27	TTG	TGA	0	0	
mORF_+_2735527	2735527	2735577	+	1	51	TTG	TGA	0	0	
mORF_+_2735531	2735531	2735569	+	2	39	GTG	TGA	0	0	
mORF_+_2735574	2735574	2735600	+	3	27	GTG	TAA	0	0	
mORF_+_2735621	2735621	2735668	+	2	48	ATG	TGA	0	0	
mORF_+_2735669	2735669	2735716	+	2	48	ATG	TAA	0	0	
mORF_+_2735686	2735686	2735691	+	1	6	GTG	TGA	0	0	
mORF_+_2735688	2735688	2735822	+	3	135	GTG	TGA	0	0	
mORF_+_2735698	2735698	2735748	+	1	51	ATG	TGA	0	0	
mORF_+_2735767	2735767	2736927	+	1	1161	ATG	TGA	27	197	pORF_+_2735767
mORF_+_2735819	2735819	2735833	+	2	15	ATG	TAG	0	0	
mORF_+_2735906	2735906	2735944	+	2	39	GTG	TAA	0	0	
mORF_+_2736008	2736008	2736025	+	2	18	TTG	TAA	0	0	
mORF_+_2736119	2736119	2736265	+	2	147	TTG	TAA	0	0	
mORF_+_2736305	2736305	2736319	+	2	15	TTG	TGA	0	0	
mORF_+_2736336	2736336	2736362	+	3	27	TTG	TGA	0	0	
mORF_+_2736411	2736411	2736428	+	3	18	ATG	TAA	0	0	
mORF_+_2736449	2736449	2736670	+	2	222	TTG	TAA	0	0	
mORF_+_2736692	2736692	2736736	+	2	45	GTG	TGA	0	0	
mORF_+_2736777	2736777	2736818	+	3	42	ATG	TGA	0	0	
mORF_+_2736815	2736815	2736844	+	2	30	TTG	TGA	0	0	
mORF_+_2736896	2736896	2736907	+	2	12	GTG	TAG	0	0	
mORF_+_2736914	2736914	2736994	+	2	81	TTG	TGA	0	0	
mORF_+_2736927	2736927	2736950	+	3	24	ATG	TGA	0	0	
mORF_+_2737029	2737029	2737076	+	3	48	GTG	TAA	0	0	
mORF_+_2737048	2737048	2737146	+	1	99	GTG	TAA	0	0	
mORF_+_2737058	2737058	2737132	+	2	75	TTG	TAG	0	0	
mORF_+_2737139	2737139	2737186	+	2	48	TTG	TAA	0	0	
mORF_+_2737264	2737264	2737506	+	1	243	TTG	TAG	0	0	
mORF_+_2737329	2737329	2737340	+	3	12	GTG	TAA	0	0	
mORF_+_2737425	2737425	2737619	+	3	195	ATG	TAA	0	0	
mORF_+_2737525	2737525	2737548	+	1	24	ATG	TAA	0	0	
mORF_+_2737538	2737538	2737723	+	2	186	ATG	TGA	0	0	
mORF_+_2737621	2737621	2737803	+	1	183	TTG	TGA	0	0	
mORF_+_2737638	2737638	2737649	+	3	12	TTG	TAA	0	0	
mORF_+_2737800	2737800	2737820	+	3	21	GTG	TAA	0	0	
mORF_+_2737826	2737826	2737846	+	2	21	TTG	TAA	0	0	
mORF_+_2737938	2737938	2737964	+	3	27	ATG	TAG	0	0	
mORF_+_2738059	2738059	2738070	+	1	12	TTG	TAA	0	0	
mORF_+_2738070	2738070	2738093	+	3	24	ATG	TAA	0	0	
mORF_+_2738141	2738141	2738287	+	2	147	ATG	TGA	0	0	

mORF_+_2738181	2738181	2738243	+	3	63	ATG	TGA	0	0	
mORF_+_2738244	2738244	2738309	+	3	66	TTG	TGA	0	0	
mORF_+_2738284	2738284	2738304	+	1	21	TTG	TGA	0	0	
mORF_+_2738306	2738306	2738509	+	2	204	TTG	TAG	0	0	
mORF_+_2738355	2738355	2738450	+	3	96	TTG	TAG	0	0	
mORF_+_2738535	2738535	2738657	+	3	123	ATG	TGA	0	0	
mORF_+_2738549	2738549	2738692	+	2	144	GTG	TGA	0	0	
mORF_+_2738581	2738581	2738616	+	1	36	TTG	TAA	0	0	
mORF_+_2738671	2738671	2738700	+	1	30	TTG	TAA	0	0	
mORF_+_2738717	2738717	2738737	+	2	21	TTG	TAA	0	0	
mORF_+_2738752	2738752	2738847	+	1	96	GTG	TAA	0	0	
mORF_+_2738834	2738834	2738851	+	2	18	ATG	TAA	0	0	
mORF_+_2738868	2738868	2738891	+	3	24	GTG	TAG	0	0	
mORF_+_2738978	2738978	2739040	+	2	63	ATG	TGA	0	0	
mORF_+_2738982	2738982	2739209	+	3	228	ATG	TGA	0	0	
mORF_+_2739074	2739074	2739124	+	2	51	TTG	TAA	0	0	
mORF_+_2739088	2739088	2739141	+	1	54	ATG	TAA	0	0	
mORF_+_2739143	2739143	2739205	+	2	63	ATG	TAG	0	0	
mORF_+_2739206	2739206	2739325	+	2	120	TTG	TAG	0	0	
mORF_+_2739222	2739222	2739230	+	3	9	ATG	TAA	0	0	
mORF_+_2739343	2739343	2739747	+	1	405	TTG	TAA	0	0	
mORF_+_2739359	2739359	2739367	+	2	9	ATG	TGA	0	0	
mORF_+_2739429	2739429	2739440	+	3	12	ATG	TGA	0	0	
mORF_+_2739437	2739437	2739466	+	2	30	TTG	TGA	0	0	
mORF_+_2739482	2739482	2739523	+	2	42	ATG	TAA	0	0	
mORF_+_2739527	2739527	2739742	+	2	216	ATG	TAA	0	0	
mORF_+_2739603	2739603	2739644	+	3	42	TTG	TAA	0	0	
mORF_+_2739699	2739699	2739716	+	3	18	ATG	TGA	0	0	
mORF_+_2739788	2739788	2739832	+	2	45	TTG	TGA	0	0	
mORF_+_2739790	2739790	2739810	+	1	21	GTG	TGA	0	0	
mORF_+_2739807	2739807	2739824	+	3	18	TTG	TGA	0	0	
mORF_+_2739829	2739829	2739840	+	1	12	ATG	TAA	0	0	
mORF_+_2739840	2739840	2739896	+	3	57	ATG	TGA	0	0	
mORF_+_2739863	2739863	2739976	+	2	114	ATG	TGA	0	0	
mORF_+_2739880	2739880	2739930	+	1	51	ATG	TGA	0	0	
mORF_+_2739897	2739897	2740415	+	3	519	ATG	TAA	0	0	
mORF_+_2739979	2739979	2739999	+	1	21	TTG	TGA	0	0	
mORF_+_2740012	2740012	2740161	+	1	150	TTG	TGA	0	0	
mORF_+_2740058	2740058	2740084	+	2	27	ATG	TAG	0	0	
mORF_+_2740174	2740174	2740221	+	1	48	ATG	TAA	0	0	
mORF_+_2740255	2740255	2740302	+	1	48	TTG	TGA	0	0	
mORF_+_2740274	2740274	2740288	+	2	15	GTG	TAG	0	0	
mORF_+_2740295	2740295	2740315	+	2	21	TTG	TAA	0	0	
mORF_+_2740315	2740315	2740335	+	1	21	ATG	TAA	0	0	
mORF_+_2740342	2740342	2740365	+	1	24	ATG	TAA	0	0	
mORF_+_2740378	2740378	2740386	+	1	9	ATG	TAA	0	0	
mORF_+_2740405	2740405	2741631	+	1	1227	ATG	TAA	1	2	pORF_+_2740405
mORF_+_2740613	2740613	2740765	+	2	153	TTG	TAA	0	0	
mORF_+_2740811	2740811	2740840	+	2	30	ATG	TAA	0	0	
mORF_+_2740899	2740899	2740997	+	3	99	TTG	TGA	0	0	
mORF_+_2740952	2740952	2740963	+	2	12	ATG	TAG	0	0	
mORF_+_2740985	2740985	2741167	+	2	183	ATG	TAA	0	0	
mORF_+_2741103	2741103	2741126	+	3	24	GTG	TAA	0	0	
mORF_+_2741228	2741228	2741323	+	2	96	ATG	TGA	0	0	
mORF_+_2741324	2741324	2741344	+	2	21	TTG	TAG	0	0	
mORF_+_2741351	2741351	2741458	+	2	108	TTG	TGA	0	0	
mORF_+_2741445	2741445	2741471	+	3	27	ATG	TAA	0	0	
mORF_+_2741480	2741480	2741512	+	2	33	TTG	TGA	0	0	
mORF_+_2741522	2741522	2741536	+	2	15	TTG	TGA	0	0	
mORF_+_2741540	2741540	2741626	+	2	87	TTG	TGA	0	0	
mORF_+_2741647	2741647	2742129	+	1	483	ATG	TAA	3	10	pORF_+_2741647
mORF_+_2741756	2741756	2741896	+	2	141	ATG	TAA	0	0	
mORF_+_2741900	2741900	2741965	+	2	66	ATG	TGA	0	0	

mORF_+_2741975	2741975	2742043	+	2	69	ATG	TAG	0	0
mORF_+_2741991	2741991	2742068	+	3	78	ATG	TAA	0	0
mORF_+_2742164	2742164	2742181	+	2	18	TTG	TAA	0	0
mORF_+_2742186	2742186	2742212	+	3	27	ATG	TAA	0	0
mORF_+_2742221	2742221	2742259	+	2	39	TTG	TAG	0	0
mORF_+_2742293	2742293	2742325	+	2	33	TTG	TGA	0	0
mORF_+_2742322	2742322	2742576	+	1	255	GTG	TAA	0	0
mORF_+_2742356	2742356	2742559	+	2	204	TTG	TAA	0	0
mORF_+_2742378	2742378	2742407	+	3	30	ATG	TAG	0	0
mORF_+_2742426	2742426	2742539	+	3	114	ATG	TAA	0	0
mORF_+_2742609	2742609	2742776	+	3	168	ATG	TAA	0	0
mORF_+_2742626	2742626	2742643	+	2	18	GTG	TGA	0	0
mORF_+_2742640	2742640	2742822	+	1	183	TTG	TAG	0	0
mORF_+_2742659	2742659	2742709	+	2	51	TTG	TAA	0	0
mORF_+_2742822	2742822	2742935	+	3	114	GTG	TAA	0	0
mORF_+_2742863	2742863	2742898	+	2	36	TTG	TAA	0	0
mORF_+_2742926	2742926	2742949	+	2	24	TTG	TGA	0	0
mORF_+_2742965	2742965	2743066	+	2	102	TTG	TGA	0	0
mORF_+_2742990	2742990	2743100	+	3	111	TTG	TGA	0	0
mORF_+_2743084	2743084	2743107	+	1	24	TTG	TAA	0	0
mORF_+_2743094	2743094	2743240	+	2	147	GTG	TGA	0	0
mORF_+_2743146	2743146	2743181	+	3	36	ATG	TAA	0	0
mORF_+_2743150	2743150	2743203	+	1	54	ATG	TAA	0	0
mORF_+_2743224	2743224	2743424	+	3	201	GTG	TGA	0	0
mORF_+_2743237	2743237	2743308	+	1	72	GTG	TAA	0	0
mORF_+_2743316	2743316	2743345	+	2	30	TTG	TAA	0	0
mORF_+_2743348	2743348	2743395	+	1	48	ATG	TAA	0	0
mORF_+_2743421	2743421	2743432	+	2	12	TTG	TAG	0	0
mORF_+_2743432	2743432	2743578	+	1	147	GTG	TAG	0	0
mORF_+_2743511	2743511	2743519	+	2	9	TTG	TAA	0	0
mORF_+_2743585	2743585	2743623	+	1	39	GTG	TAG	0	0
mORF_+_2743655	2743655	2743726	+	2	72	ATG	TGA	0	0
mORF_+_2743723	2743723	2743740	+	1	18	TTG	TGA	0	0
mORF_+_2743741	2743741	2743782	+	1	42	TTG	TGA	0	0
mORF_+_2743743	2743743	2744192	+	3	450	GTG	TAA	0	0
mORF_+_2743819	2743819	2743875	+	1	57	ATG	TAA	0	0
mORF_+_2743900	2743900	2743962	+	1	63	ATG	TAA	0	0
mORF_+_2743913	2743913	2743927	+	2	15	GTG	TGA	0	0
mORF_+_2743969	2743969	2744034	+	1	66	TTG	TGA	0	0
mORF_+_2744012	2744012	2744080	+	2	69	TTG	TAG	0	0
mORF_+_2744038	2744038	2744160	+	1	123	ATG	TAG	0	0
mORF_+_2744084	2744084	2744092	+	2	9	TTG	TGA	0	0
mORF_+_2744126	2744126	2744176	+	2	51	GTG	TAG	0	0
mORF_+_2744186	2744186	2744200	+	2	15	GTG	TAG	0	0
mORF_+_2744217	2744217	2744228	+	3	12	TTG	TAA	0	0
mORF_+_2744219	2744219	2744224	+	2	6	GTG	TGA	0	0
mORF_+_2744221	2744221	2744580	+	1	360	GTG	TAA	0	0
mORF_+_2744261	2744261	2744272	+	2	12	GTG	TAA	0	0
mORF_+_2744318	2744318	2744335	+	2	18	TTG	TAA	0	0
mORF_+_2744349	2744349	2744459	+	3	111	GTG	TAG	0	0
mORF_+_2744360	2744360	2744407	+	2	48	TTG	TGA	0	0
mORF_+_2744435	2744435	2744722	+	2	288	ATG	TGA	0	0
mORF_+_2744493	2744493	2745029	+	3	537	ATG	TGA	0	0
mORF_+_2744719	2744719	2744727	+	1	9	GTG	TGA	0	0
mORF_+_2744960	2744960	2745100	+	2	141	ATG	TAA	0	0
mORF_+_2745072	2745072	2745140	+	3	69	TTG	TGA	0	0
mORF_+_2745112	2745112	2745183	+	1	72	ATG	TAA	0	0
mORF_+_2745147	2745147	2745269	+	3	123	ATG	TAG	0	0
mORF_+_2745191	2745191	2745805	+	2	615	ATG	TAA	0	0
mORF_+_2745279	2745279	2745323	+	3	45	TTG	TGA	0	0
mORF_+_2745381	2745381	2745401	+	3	21	TTG	TAA	0	0
mORF_+_2745385	2745385	2745594	+	1	210	TTG	TGA	0	0
mORF_+_2745432	2745432	2745635	+	3	204	TTG	TGA	0	0

mORF_+_2745660	2745660	2745887	+	3	228	TTG	TAA	0	0	
mORF_+_2745817	2745817	2746038	+	1	222	TTG	TGA	0	0	
mORF_+_2745833	2745833	2745892	+	2	60	GTG	TGA	0	0	
mORF_+_2745909	2745909	2746775	+	3	867	ATG	TAA	1	2	pORF_+_2745909
mORF_+_2746039	2746039	2746182	+	1	144	TTG	TGA	0	0	
mORF_+_2746186	2746186	2746206	+	1	21	TTG	TGA	0	0	
mORF_+_2746228	2746228	2746398	+	1	171	TTG	TAA	0	0	
mORF_+_2746430	2746430	2746438	+	2	9	GTG	TGA	0	0	
mORF_+_2746435	2746435	2746449	+	1	15	TTG	TGA	0	0	
mORF_+_2746528	2746528	2746545	+	1	18	TTG	TAA	0	0	
mORF_+_2746556	2746556	2746591	+	2	36	TTG	TAG	0	0	
mORF_+_2746631	2746631	2746672	+	2	42	GTG	TGA	0	0	
mORF_+_2746636	2746636	2746722	+	1	87	TTG	TAA	0	0	
mORF_+_2746676	2746676	2746705	+	2	30	ATG	TAA	0	0	
mORF_+_2746753	2746753	2746767	+	1	15	TTG	TAA	0	0	
mORF_+_2746820	2746820	2748082	+	2	1263	TTG	TAA	1	2	pORF_+_2746820
mORF_+_2747022	2747022	2747099	+	3	78	TTG	TGA	0	0	
mORF_+_2747103	2747103	2747210	+	3	108	TTG	TGA	0	0	
mORF_+_2747235	2747235	2747255	+	3	21	ATG	TGA	0	0	
mORF_+_2747406	2747406	2747576	+	3	171	TTG	TGA	0	0	
mORF_+_2747637	2747637	2747675	+	3	39	TTG	TAA	0	0	
mORF_+_2747721	2747721	2747744	+	3	24	ATG	TGA	0	0	
mORF_+_2747748	2747748	2747843	+	3	96	TTG	TGA	0	0	
mORF_+_2747850	2747850	2748026	+	3	177	ATG	TGA	1	3	pORF_+_2747850
mORF_+_2748069	2748069	2748140	+	3	72	GTG	TAA	0	0	
mORF_+_2748104	2748104	2748856	+	2	753	ATG	TGA	0	0	
mORF_+_2748145	2748145	2748162	+	1	18	TTG	TAA	0	0	
mORF_+_2748213	2748213	2748269	+	3	57	ATG	TGA	0	0	
mORF_+_2748256	2748256	2748297	+	1	42	TTG	TAG	0	0	
mORF_+_2748363	2748363	2748584	+	3	222	ATG	TGA	0	0	
mORF_+_2748675	2748675	2748767	+	3	93	ATG	TAA	0	0	
mORF_+_2748853	2748853	2749731	+	1	879	ATG	TAA	2	4	pORF_+_2748853
mORF_+_2748870	2748870	2748923	+	3	54	GTG	TGA	0	0	
mORF_+_2748875	2748875	2748913	+	2	39	TTG	TGA	0	0	
mORF_+_2748920	2748920	2749000	+	2	81	ATG	TGA	0	0	
mORF_+_2748942	2748942	2748971	+	3	30	GTG	TGA	0	0	
mORF_+_2749004	2749004	2749009	+	2	6	ATG	TGA	0	0	
mORF_+_2749031	2749031	2749042	+	2	12	TTG	TAG	0	0	
mORF_+_2749061	2749061	2749156	+	2	96	TTG	TGA	0	0	
mORF_+_2749163	2749163	2749192	+	2	30	TTG	TAG	0	0	
mORF_+_2749196	2749196	2749291	+	2	96	ATG	TAA	0	0	
mORF_+_2749263	2749263	2749295	+	3	33	TTG	TGA	0	0	
mORF_+_2749292	2749292	2749330	+	2	39	ATG	TGA	0	0	
mORF_+_2749331	2749331	2749390	+	2	60	TTG	TAA	0	0	
mORF_+_2749463	2749463	2749522	+	2	60	ATG	TAA	0	0	
mORF_+_2749581	2749581	2749619	+	3	39	TTG	TGA	0	0	
mORF_+_2749616	2749616	2749630	+	2	15	GTG	TGA	0	0	
mORF_+_2749640	2749640	2749654	+	2	15	GTG	TGA	0	0	
mORF_+_2749791	2749791	2749832	+	3	42	ATG	TGA	0	0	
mORF_+_2749817	2749817	2751478	+	2	1662	ATG	TAA	0	0	
mORF_+_2749845	2749845	2749889	+	3	45	TTG	TGA	0	0	
mORF_+_2749926	2749926	2749934	+	3	9	TTG	TAG	0	0	
mORF_+_2749935	2749935	2750027	+	3	93	ATG	TGA	0	0	
mORF_+_2749948	2749948	2749968	+	1	21	TTG	TGA	0	0	
mORF_+_2750008	2750008	2750073	+	1	66	GTG	TGA	0	0	
mORF_+_2750070	2750070	2750105	+	3	36	TTG	TGA	0	0	
mORF_+_2750086	2750086	2750235	+	1	150	ATG	TGA	0	0	
mORF_+_2750115	2750115	2750189	+	3	75	ATG	TGA	0	0	
mORF_+_2750199	2750199	2750294	+	3	96	ATG	TGA	0	0	
mORF_+_2750311	2750311	2750331	+	1	21	GTG	TGA	0	0	
mORF_+_2750328	2750328	2750354	+	3	27	GTG	TAA	0	0	
mORF_+_2750373	2750373	2750399	+	3	27	GTG	TAA	0	0	
mORF_+_2750436	2750436	2750489	+	3	54	TTG	TGA	0	0	

mORF_+_2750502	2750502	2750516	+	3	15	ATG	TAA	0	0	
mORF_+_2750526	2750526	2750576	+	3	51	GTG	TGA	0	0	
mORF_+_2750586	2750586	2750867	+	3	282	TTG	TAA	0	0	
mORF_+_2750928	2750928	2750951	+	3	24	ATG	TGA	0	0	
mORF_+_2750967	2750967	2751065	+	3	99	ATG	TAA	0	0	
mORF_+_2751096	2751096	2751185	+	3	90	TTG	TGA	0	0	
mORF_+_2751189	2751189	2751206	+	3	18	TTG	TAG	0	0	
mORF_+_2751231	2751231	2751275	+	3	45	TTG	TGA	0	0	
mORF_+_2751277	2751277	2751384	+	1	108	GTG	TAA	1	2	pORF_+_2751277
mORF_+_2751279	2751279	2751356	+	3	78	GTG	TGA	0	0	
mORF_+_2751417	2751417	2751524	+	3	108	TTG	TAA	0	0	
mORF_+_2751549	2751549	2751587	+	3	39	GTG	TGA	0	0	
mORF_+_2751584	2751584	2751637	+	2	54	ATG	TAA	0	0	
mORF_+_2751627	2751627	2751968	+	3	342	ATG	TAA	5	10	pORF_+_2751627
mORF_+_2751766	2751766	2751777	+	1	12	GTG	TGA	0	0	
mORF_+_2751790	2751790	2751816	+	1	27	TTG	TGA	0	0	
mORF_+_2751829	2751829	2751885	+	1	57	TTG	TAA	0	0	
mORF_+_2751922	2751922	2751930	+	1	9	GTG	TGA	0	0	
mORF_+_2751937	2751937	2751957	+	1	21	TTG	TGA	0	0	
mORF_+_2751958	2751958	2752011	+	1	54	GTG	TGA	0	0	
mORF_+_2751977	2751977	2752099	+	2	123	TTG	TAA	0	0	
mORF_+_2752008	2752008	2752088	+	3	81	ATG	TGA	0	0	
mORF_+_2752057	2752057	2752137	+	1	81	TTG	TAG	0	0	
mORF_+_2752140	2752140	2752175	+	3	36	TTG	TAG	0	0	
mORF_+_2752157	2752157	2752291	+	2	135	ATG	TAA	0	0	
mORF_+_2752413	2752413	2752436	+	3	24	TTG	TGA	0	0	
mORF_+_2752433	2752433	2752690	+	2	258	ATG	TAA	0	0	
mORF_+_2752497	2752497	2752664	+	3	168	TTG	TGA	0	0	
mORF_+_2752700	2752700	2752780	+	2	81	TTG	TAA	0	0	
mORF_+_2752723	2752723	2752737	+	1	15	GTG	TAA	0	0	
mORF_+_2752838	2752838	2752849	+	2	12	ATG	TAG	0	0	
mORF_+_2752854	2752854	2752940	+	3	87	TTG	TAA	0	0	
mORF_+_2752874	2752874	2752921	+	2	48	ATG	TGA	0	0	
mORF_+_2752879	2752879	2752905	+	1	27	GTG	TGA	0	0	
mORF_+_2752918	2752918	2753400	+	1	483	ATG	TAA	8	19	pORF_+_2752918
mORF_+_2753018	2753018	2753251	+	2	234	TTG	TAG	0	0	
mORF_+_2753160	2753160	2753315	+	3	156	GTG	TAA	0	0	
mORF_+_2753276	2753276	2753293	+	2	18	ATG	TGA	0	0	
mORF_+_2753355	2753355	2753369	+	3	15	ATG	TAA	0	0	
mORF_+_2753417	2753417	2753461	+	2	45	TTG	TGA	0	0	
mORF_+_2753458	2753458	2753544	+	1	87	ATG	TAA	0	0	
mORF_+_2753492	2753492	2753521	+	2	30	ATG	TAA	0	0	
mORF_+_2753534	2753534	2753701	+	2	168	ATG	TAG	0	0	
mORF_+_2753538	2753538	2753552	+	3	15	GTG	TAA	0	0	
mORF_+_2753613	2753613	2753684	+	3	72	TTG	TAA	0	0	
mORF_+_2753641	2753641	2753736	+	1	96	TTG	TAA	0	0	
mORF_+_2753816	2753816	2753905	+	2	90	GTG	TAA	0	0	
mORF_+_2753835	2753835	2753846	+	3	12	TTG	TAA	0	0	
mORF_+_2753875	2753875	2753916	+	1	42	GTG	TAA	0	0	
mORF_+_2753919	2753919	2753924	+	3	6	ATG	TAG	0	0	
mORF_+_2753933	2753933	2753938	+	2	6	ATG	TAG	0	0	
mORF_+_2753991	2753991	2754014	+	3	24	GTG	TGA	0	0	
mORF_+_2754011	2754011	2754022	+	2	12	ATG	TAA	0	0	
mORF_+_2754055	2754055	2754099	+	1	45	TTG	TAA	0	0	
mORF_+_2754057	2754057	2754095	+	3	39	GTG	TAA	0	0	
mORF_+_2754068	2754068	2754163	+	2	96	TTG	TAA	0	0	
mORF_+_2754120	2754120	2754209	+	3	90	TTG	TGA	0	0	
mORF_+_2754145	2754145	2754422	+	1	1278	TTG	TAA	0	0	
mORF_+_2754239	2754239	2754283	+	2	45	ATG	TAA	0	0	
mORF_+_2754293	2754293	2754334	+	2	42	GTG	TGA	0	0	
mORF_+_2754306	2754306	2754389	+	3	84	TTG	TGA	0	0	
mORF_+_2754362	2754362	2754469	+	2	108	GTG	TGA	0	0	
mORF_+_2754509	2754509	2754532	+	2	24	TTG	TGA	0	0	

mORF_+_2754519	2754519	2754584	+	3	66	TTG	TGA	0	0
mORF_+_2754557	2754557	2754685	+	2	129	ATG	TAG	0	0
mORF_+_2754702	2754702	2754716	+	3	15	TTG	TAA	0	0
mORF_+_2754731	2754731	2754751	+	2	21	ATG	TGA	0	0
mORF_+_2754752	2754752	2754772	+	2	21	TTG	TAA	0	0
mORF_+_2754888	2754888	2754941	+	3	54	ATG	TGA	0	0
mORF_+_2754948	2754948	2754956	+	3	9	ATG	TGA	0	0
mORF_+_2754953	2754953	2755003	+	2	51	ATG	TGA	0	0
mORF_+_2754978	2754978	2755037	+	3	60	ATG	TGA	0	0
mORF_+_2755037	2755037	2755063	+	2	27	ATG	TGA	0	0
mORF_+_2755076	2755076	2755129	+	2	54	GTG	TGA	0	0
mORF_+_2755145	2755145	2755171	+	2	27	ATG	TAG	0	0
mORF_+_2755175	2755175	2755273	+	2	99	GTG	TAG	0	0
mORF_+_2755280	2755280	2755336	+	2	57	ATG	TGA	0	0
mORF_+_2755341	2755341	2755352	+	3	12	ATG	TGA	0	0
mORF_+_2755373	2755373	2755390	+	2	18	GTG	TAA	0	0
mORF_+_2755412	2755412	2755474	+	2	63	TTG	TAA	0	0
mORF_+_2755491	2755491	2755532	+	3	42	GTG	TAG	0	0
mORF_+_2755547	2755547	2755741	+	2	195	ATG	TGA	0	0
mORF_+_2755570	2755570	2755614	+	1	45	GTG	TAG	0	0
mORF_+_2755575	2755575	2755610	+	3	36	GTG	TAA	0	0
mORF_+_2755618	2755618	2755623	+	1	6	GTG	TAG	0	0
mORF_+_2755624	2755624	2755632	+	1	9	ATG	TAG	0	0
mORF_+_2755708	2755708	2755731	+	1	24	TTG	TAA	0	0
mORF_+_2755738	2755738	2755746	+	1	9	TTG	TAA	0	0
mORF_+_2755768	2755768	2755824	+	1	57	TTG	TGA	0	0
mORF_+_2755776	2755776	2755835	+	3	60	TTG	TAA	0	0
mORF_+_2755828	2755828	2755845	+	1	18	TTG	TAG	0	0
mORF_+_2755933	2755933	2756001	+	1	69	TTG	TGA	0	0
mORF_+_2755937	2755937	2756014	+	2	78	ATG	TGA	0	0
mORF_+_2756011	2756011	2756064	+	1	54	TTG	TAA	0	0
mORF_+_2756027	2756027	2756080	+	2	54	ATG	TGA	0	0
mORF_+_2756077	2756077	2756145	+	1	69	ATG	TGA	0	0
mORF_+_2756082	2756082	2756090	+	3	9	ATG	TAA	0	0
mORF_+_2756114	2756114	2756257	+	2	144	ATG	TGA	0	0
mORF_+_2756142	2756142	2756156	+	3	15	TTG	TAA	0	0
mORF_+_2756158	2756158	2756208	+	1	51	GTG	TAA	0	0
mORF_+_2756160	2756160	2756168	+	3	9	GTG	TGA	0	0
mORF_+_2756187	2756187	2756198	+	3	12	ATG	TAA	0	0
mORF_+_2756229	2756229	2756543	+	3	315	TTG	TAA	0	0
mORF_+_2756254	2756254	2756271	+	1	18	TTG	TAA	0	0
mORF_+_2756276	2756276	2756431	+	2	156	GTG	TGA	0	0
mORF_+_2756299	2756299	2756352	+	1	54	TTG	TAA	0	0
mORF_+_2756389	2756389	2756409	+	1	21	TTG	TAG	0	0
mORF_+_2756428	2756428	2756442	+	1	15	ATG	TAG	0	0
mORF_+_2756477	2756477	2756482	+	2	6	ATG	TGA	0	0
mORF_+_2756479	2756479	2756625	+	1	147	GTG	TAA	0	0
mORF_+_2756559	2756559	2756567	+	3	9	ATG	TAG	0	0
mORF_+_2756571	2756571	2756576	+	3	6	TTG	TAA	0	0
mORF_+_2756580	2756580	2756612	+	3	33	TTG	TAA	0	0
mORF_+_2756588	2756588	2756653	+	2	66	TTG	TGA	0	0
mORF_+_2756650	2756650	2756688	+	1	39	ATG	TAG	0	0
mORF_+_2756666	2756666	2756878	+	2	213	ATG	TGA	0	0
mORF_+_2756745	2756745	2756756	+	3	12	ATG	TGA	0	0
mORF_+_2756778	2756778	2756813	+	3	36	ATG	TGA	0	0
mORF_+_2756824	2756824	2756832	+	1	9	ATG	TGA	0	0
mORF_+_2756829	2756829	2756891	+	3	63	TTG	TGA	0	0
mORF_+_2756848	2756848	2756868	+	1	21	GTG	TAA	0	0
mORF_+_2756875	2756875	2756958	+	1	84	TTG	TAG	0	0
mORF_+_2756888	2756888	2756923	+	2	36	ATG	TAA	0	0
mORF_+_2756904	2756904	2756996	+	3	93	TTG	TAA	0	0
mORF_+_2756965	2756965	2756988	+	1	24	TTG	TAA	0	0
mORF_+_2757003	2757003	2757047	+	3	45	TTG	TAA	0	0

mORF_+_2757007	2757007	2758416	+	1	1410	ATG	TGA	2	2	pORF_+_2757007
mORF_+_2757014	2757014	2757034	+	2	21	ATG	TAG	0	0	
mORF_+_2757035	2757035	2757106	+	2	72	ATG	TGA	0	0	
mORF_+_2757107	2757107	2757130	+	2	24	TTG	TAA	0	0	
mORF_+_2757137	2757137	2757172	+	2	36	TTG	TGA	0	0	
mORF_+_2757162	2757162	2757176	+	3	15	TTG	TAA	0	0	
mORF_+_2757182	2757182	2757205	+	2	24	GTG	TAA	0	0	
mORF_+_2757224	2757224	2757256	+	2	33	GTG	TGA	0	0	
mORF_+_2757290	2757290	2757364	+	2	75	TTG	TGA	0	0	
mORF_+_2757318	2757318	2757329	+	3	12	ATG	TGA	0	0	
mORF_+_2757416	2757416	2757463	+	2	48	ATG	TGA	0	0	
mORF_+_2757485	2757485	2757664	+	2	180	ATG	TAA	0	0	
mORF_+_2757612	2757612	2757668	+	3	57	GTG	TAG	0	0	
mORF_+_2757671	2757671	2757682	+	2	12	ATG	TAA	0	0	
mORF_+_2757707	2757707	2757988	+	2	282	ATG	TGA	0	0	
mORF_+_2757771	2757771	2757806	+	3	36	GTG	TAA	0	0	
mORF_+_2757951	2757951	2758010	+	3	60	TTG	TGA	0	0	
mORF_+_2757995	2757995	2758114	+	2	120	TTG	TAA	0	0	
mORF_+_2758137	2758137	2758148	+	3	12	TTG	TGA	0	0	
mORF_+_2758145	2758145	2758192	+	2	48	TTG	TAG	0	0	
mORF_+_2758193	2758193	2758228	+	2	36	ATG	TAA	0	0	
mORF_+_2758218	2758218	2758298	+	3	81	TTG	TAA	0	0	
mORF_+_2758286	2758286	2758330	+	2	45	TTG	TAA	0	0	
mORF_+_2758371	2758371	2758379	+	3	9	ATG	TAA	0	0	
mORF_+_2758404	2758404	2758433	+	3	30	TTG	TAA	0	0	
mORF_+_2758406	2758406	2758498	+	2	93	GTG	TGA	0	0	
mORF_+_2758495	2758495	2758512	+	1	18	TTG	TAG	0	0	
mORF_+_2758553	2758553	2758582	+	2	30	TTG	TAG	0	0	
mORF_+_2758569	2758569	2759195	+	3	627	ATG	TAA	0	0	
mORF_+_2758582	2758582	2758647	+	1	66	GTG	TAA	0	0	
mORF_+_2758675	2758675	2758776	+	1	102	GTG	TAA	0	0	
mORF_+_2758792	2758792	2758905	+	1	114	ATG	TGA	0	0	
mORF_+_2758859	2758859	2758885	+	2	27	ATG	TAG	0	0	
mORF_+_2758910	2758910	2758945	+	2	36	GTG	TGA	0	0	
mORF_+_2758924	2758924	2758941	+	1	18	ATG	TAG	0	0	
mORF_+_2758942	2758942	2758956	+	1	15	GTG	TAA	0	0	
mORF_+_2758991	2758991	2759023	+	2	33	TTG	TAG	0	0	
mORF_+_2758999	2758999	2759019	+	1	21	GTG	TAG	0	0	
mORF_+_2759053	2759053	2759112	+	1	60	ATG	TGA	0	0	
mORF_+_2759158	2759158	2759241	+	1	84	GTG	TGA	0	0	
mORF_+_2759243	2759243	2759266	+	2	24	TTG	TAA	0	0	
mORF_+_2759247	2759247	2759255	+	3	9	TTG	TAA	0	0	
mORF_+_2759271	2759271	2759297	+	3	27	TTG	TAG	0	0	
mORF_+_2759278	2759278	2759322	+	1	45	TTG	TGA	0	0	
mORF_+_2759319	2759319	2759357	+	3	39	GTG	TAG	0	0	
mORF_+_2759376	2759376	2759528	+	3	153	ATG	TAA	0	0	
mORF_+_2759443	2759443	2759451	+	1	9	ATG	TGA	0	0	
mORF_+_2759536	2759536	2759616	+	1	81	ATG	TAA	0	0	
mORF_+_2759573	2759573	2759605	+	2	33	GTG	TGA	0	0	
mORF_+_2759580	2759580	2759693	+	3	114	ATG	TAG	0	0	
mORF_+_2759609	2759609	2759659	+	2	51	GTG	TAA	0	0	
mORF_+_2759623	2759623	2759700	+	1	78	TTG	TAG	0	0	
mORF_+_2759710	2759710	2759790	+	1	81	TTG	TAA	0	0	
mORF_+_2759783	2759783	2759860	+	2	78	GTG	TGA	0	0	
mORF_+_2759857	2759857	2759967	+	1	111	ATG	TGA	0	0	
mORF_+_2759901	2759901	2759975	+	3	75	ATG	TAA	0	0	
mORF_+_2759927	2759927	2759941	+	2	15	TTG	TGA	0	0	
mORF_+_2759948	2759948	2760091	+	2	144	TTG	TGA	0	0	
mORF_+_2760010	2760010	2760141	+	1	132	ATG	TGA	0	0	
mORF_+_2760015	2760015	2760116	+	3	102	TTG	TGA	0	0	
mORF_+_2760113	2760113	2760160	+	2	48	GTG	TGA	0	0	
mORF_+_2760129	2760129	2760152	+	3	24	GTG	TAA	0	0	
mORF_+_2760157	2760157	2760180	+	1	24	TTG	TGA	0	0	

mORF_+_2760161	2760161	2760211	+	2	51	TTG	TGA	0	0
mORF_+_2760204	2760204	2760461	+	3	258	TTG	TAG	0	0
mORF_+_2760208	2760208	2760261	+	1	54	TTG	TGA	0	0
mORF_+_2760268	2760268	2760342	+	1	75	ATG	TAG	0	0
mORF_+_2760364	2760364	2760507	+	1	144	GTG	TAA	0	0
mORF_+_2760449	2760449	2760493	+	2	45	GTG	TAA	0	0
mORF_+_2760471	2760471	2760620	+	3	150	ATG	TGA	0	0
mORF_+_2760565	2760565	2760630	+	1	66	GTG	TAA	0	0
mORF_+_2760614	2760614	2760634	+	2	21	TTG	TGA	0	0
mORF_+_2760631	2760631	2760822	+	1	192	ATG	TAA	0	0
mORF_+_2760638	2760638	2760679	+	2	42	TTG	TGA	0	0
mORF_+_2760654	2760654	2760728	+	3	75	GTG	TAG	0	0
mORF_+_2760762	2760762	2760854	+	3	93	ATG	TAA	0	0
mORF_+_2760847	2760847	2760888	+	1	42	TTG	TGA	0	0
mORF_+_2760885	2760885	2761001	+	3	117	TTG	TAA	0	0
mORF_+_2760895	2760895	2760933	+	1	39	ATG	TAA	0	0
mORF_+_2760943	2760943	2760996	+	1	54	ATG	TGA	0	0
mORF_+_2761023	2761023	2761163	+	3	141	ATG	TGA	0	0
mORF_+_2761048	2761048	2761056	+	1	9	ATG	TGA	0	0
mORF_+_2761115	2761115	2761195	+	2	81	TTG	TAG	0	0
mORF_+_2761150	2761150	2761218	+	1	69	ATG	TGA	0	0
mORF_+_2761196	2761196	2761228	+	2	33	GTG	TGA	0	0
mORF_+_2761215	2761215	2761256	+	3	42	TTG	TGA	0	0
mORF_+_2761225	2761225	2761269	+	1	45	TTG	TAA	0	0
mORF_+_2761253	2761253	2761333	+	2	81	TTG	TGA	0	0
mORF_+_2761257	2761257	2761295	+	3	39	GTG	TAG	0	0
mORF_+_2761330	2761330	2761500	+	1	171	GTG	TAA	0	0
mORF_+_2761388	2761388	2761471	+	2	84	TTG	TAG	0	0
mORF_+_2761395	2761395	2761511	+	3	117	GTG	TGA	0	0
mORF_+_2761501	2761501	2761551	+	1	51	TTG	TAG	0	0
mORF_+_2761508	2761508	2761591	+	2	84	ATG	TAA	0	0
mORF_+_2761533	2761533	2761625	+	3	93	ATG	TAA	0	0
mORF_+_2761592	2761592	2761600	+	2	9	TTG	TAA	0	0
mORF_+_2761626	2761626	2761769	+	3	144	ATG	TAG	0	0
mORF_+_2761634	2761634	2761753	+	2	120	GTG	TAG	0	0
mORF_+_2761788	2761788	2761805	+	3	18	GTG	TGA	0	0
mORF_+_2761802	2761802	2762080	+	2	279	GTG	TAG	0	0
mORF_+_2761842	2761842	2761862	+	3	21	ATG	TAG	0	0
mORF_+_2761875	2761875	2761934	+	3	60	ATG	TGA	0	0
mORF_+_2761962	2761962	2762006	+	3	45	ATG	TGA	0	0
mORF_+_2762082	2762082	2762225	+	3	144	ATG	TGA	0	0
mORF_+_2762105	2762105	2762191	+	2	87	GTG	TAG	0	0
mORF_+_2762122	2762122	2762157	+	1	36	TTG	TGA	0	0
mORF_+_2762212	2762212	2762313	+	1	102	ATG	TAA	0	0
mORF_+_2762222	2762222	2762317	+	2	96	ATG	TGA	0	0
mORF_+_2762289	2762289	2762300	+	3	12	ATG	TAG	0	0
mORF_+_2762314	2762314	2762352	+	1	39	GTG	TAG	0	0
mORF_+_2762327	2762327	2762332	+	2	6	ATG	TAG	0	0
mORF_+_2762380	2762380	2762388	+	1	9	ATG	TAA	0	0
mORF_+_2762391	2762391	2762417	+	3	27	ATG	TAG	0	0
mORF_+_2762393	2762393	2762401	+	2	9	GTG	TAA	0	0
mORF_+_2762421	2762421	2762492	+	3	72	TTG	TAG	0	0
mORF_+_2762438	2762438	2762476	+	2	39	TTG	TAG	0	0
mORF_+_2762496	2762496	2762513	+	3	18	TTG	TGA	0	0
mORF_+_2762510	2762510	2762611	+	2	102	GTG	TAG	0	0
mORF_+_2762514	2762514	2762957	+	3	444	ATG	TGA	0	0
mORF_+_2762615	2762615	2762647	+	2	33	TTG	TAG	0	0
mORF_+_2762668	2762668	2762688	+	1	21	ATG	TAG	0	0
mORF_+_2762800	2762800	2762808	+	1	9	TTG	TGA	0	0
mORF_+_2762896	2762896	2763051	+	1	156	TTG	TGA	0	0
mORF_+_2762903	2762903	2762914	+	2	12	GTG	TGA	0	0
mORF_+_2762961	2762961	2763005	+	3	45	ATG	TGA	0	0
mORF_+_2763015	2763015	2763107	+	3	93	ATG	TAA	0	0

mORF_+_2763101	2763101	2763130	+	2	30	ATG	TAA	0	0	
mORF_+_2763137	2763137	2763160	+	2	24	GTG	TGA	0	0	
mORF_+_2763141	2763141	2763179	+	3	39	TTG	TAG	0	0	
mORF_+_2763186	2763186	2763323	+	3	138	GTG	TAA	0	0	
mORF_+_2763212	2763212	2763220	+	2	9	ATG	TGA	0	0	
mORF_+_2763217	2763217	2763261	+	1	45	ATG	TAA	0	0	
mORF_+_2763338	2763338	2763349	+	2	12	TTG	TAA	0	0	
mORF_+_2763397	2763397	2763411	+	1	15	TTG	TAG	0	0	
mORF_+_2763439	2763439	2763510	+	1	72	ATG	TGA	0	0	
mORF_+_2763447	2763447	2763500	+	3	54	ATG	TAA	0	0	
mORF_+_2763455	2763455	2763649	+	2	195	ATG	TAG	0	0	
mORF_+_2763507	2763507	2763518	+	3	12	TTG	TAA	0	0	
mORF_+_2763526	2763526	2763552	+	1	27	TTG	TAG	0	0	
mORF_+_2763546	2763546	2763575	+	3	30	TTG	TGA	0	0	
mORF_+_2763565	2763565	2763756	+	1	192	ATG	TGA	0	0	
mORF_+_2763579	2763579	2763617	+	3	39	ATG	TGA	0	0	
mORF_+_2763656	2763656	2763700	+	2	45	ATG	TAG	0	0	
mORF_+_2763669	2763669	2763734	+	3	66	TTG	TAA	0	0	
mORF_+_2763710	2763710	2763727	+	2	18	TTG	TAA	0	0	
mORF_+_2763743	2763743	2763838	+	2	96	TTG	TAG	0	0	
mORF_+_2763750	2763750	2763821	+	3	72	TTG	TAG	0	0	
mORF_+_2763781	2763781	2763906	+	1	126	ATG	TAG	0	0	
mORF_+_2763839	2763839	2763943	+	2	105	TTG	TGA	0	0	
mORF_+_2763918	2763918	2763995	+	3	78	ATG	TGA	0	0	
mORF_+_2763940	2763940	2765013	+	1	1074	ATG	TGA	0	0	
mORF_+_2764010	2764010	2764192	+	2	183	TTG	TAG	0	0	
mORF_+_2764205	2764205	2764240	+	2	36	TTG	TAA	0	0	
mORF_+_2764259	2764259	2764264	+	2	6	TTG	TAG	0	0	
mORF_+_2764286	2764286	2764315	+	2	30	TTG	TAG	0	0	
mORF_+_2764353	2764353	2764418	+	3	66	GTG	TAA	0	0	
mORF_+_2764446	2764446	2764469	+	3	24	ATG	TAA	0	0	
mORF_+_2764484	2764484	2764513	+	2	30	TTG	TAA	0	0	
mORF_+_2764526	2764526	2764582	+	2	57	ATG	TAA	0	0	
mORF_+_2764589	2764589	2764612	+	2	24	ATG	TGA	0	0	
mORF_+_2764641	2764641	2764649	+	3	9	ATG	TAA	0	0	
mORF_+_2764643	2764643	2764723	+	2	81	GTG	TAA	0	0	
mORF_+_2764736	2764736	2764744	+	2	9	GTG	TAG	0	0	
mORF_+_2764772	2764772	2764813	+	2	42	TTG	TGA	0	0	
mORF_+_2764823	2764823	2764939	+	2	117	TTG	TGA	0	0	
mORF_+_2764980	2764980	2765045	+	3	66	GTG	TAA	0	0	
mORF_+_2765006	2765006	2765377	+	2	372	TTG	TGA	0	0	
mORF_+_2765094	2765094	2765210	+	3	117	ATG	TGA	0	0	
mORF_+_2765164	2765164	2765172	+	1	9	GTG	TAA	0	0	
mORF_+_2765182	2765182	2765250	+	1	69	GTG	TGA	0	0	
mORF_+_2765214	2765214	2765279	+	3	66	ATG	TGA	0	0	
mORF_+_2765343	2765343	2765426	+	3	84	ATG	TGA	0	0	
mORF_+_2765374	2765374	2765406	+	1	33	TTG	TAG	0	0	
mORF_+_2765423	2765423	2765446	+	2	24	ATG	TGA	0	0	
mORF_+_2765434	2765434	2765454	+	1	21	TTG	TAG	0	0	
mORF_+_2765503	2765503	2765574	+	1	72	GTG	TGA	0	0	
mORF_+_2765546	2765546	2765650	+	2	105	ATG	TAG	0	0	
mORF_+_2765571	2765571	2765732	+	3	162	ATG	TGA	0	0	
mORF_+_2765590	2765590	2765601	+	1	12	ATG	TGA	0	0	
mORF_+_2765626	2765626	2765634	+	1	9	GTG	TGA	0	0	
mORF_+_2765674	2765674	2765745	+	1	72	ATG	TGA	0	0	
mORF_+_2765726	2765726	2766595	+	2	870	GTG	TGA	1	3	pORF_+_2765726
mORF_+_2765742	2765742	2765819	+	3	78	TTG	TAA	0	0	
mORF_+_2765788	2765788	2765799	+	1	12	ATG	TGA	0	0	
mORF_+_2765887	2765887	2765910	+	1	24	TTG	TGA	0	0	
mORF_+_2765892	2765892	2765933	+	3	42	ATG	TAG	0	0	
mORF_+_2765946	2765946	2765990	+	3	45	GTG	TGA	0	0	
mORF_+_2766021	2766021	2766083	+	3	63	GTG	TGA	0	0	
mORF_+_2766088	2766088	2766099	+	1	12	GTG	TAA	0	0	

mORF_+_2766105	2766105	2766149	+	3	45	ATG	TGA	0	0
mORF_+_2766150	2766150	2766341	+	3	192	TTG	TAA	0	0
mORF_+_2766307	2766307	2766366	+	1	60	GTG	TAA	0	0
mORF_+_2766367	2766367	2766381	+	1	15	GTG	TGA	0	0
mORF_+_2766378	2766378	2766398	+	3	21	GTG	TAG	0	0
mORF_+_2766450	2766450	2766473	+	3	24	GTG	TAG	0	0
mORF_+_2766474	2766474	2766494	+	3	21	GTG	TAA	0	0
mORF_+_2766596	2766596	2766736	+	2	141	GTG	TGA	0	0
mORF_+_2766637	2766637	2766675	+	1	39	GTG	TGA	0	0
mORF_+_2766687	2766687	2767508	+	3	822	ATG	TAG	0	0
mORF_+_2766709	2766709	2766747	+	1	39	TTG	TAA	0	0
mORF_+_2766751	2766751	2767125	+	1	375	GTG	TGA	0	0
mORF_+_2767055	2767055	2767138	+	2	84	GTG	TGA	0	0
mORF_+_2767135	2767135	2767371	+	1	237	TTG	TGA	0	0
mORF_+_2767337	2767337	2767375	+	2	39	TTG	TAA	0	0
mORF_+_2767387	2767387	2767452	+	1	66	GTG	TGA	0	0
mORF_+_2767462	2767462	2767476	+	1	15	GTG	TGA	0	0
mORF_+_2767469	2767469	2767600	+	2	132	GTG	TAA	0	0
mORF_+_2767516	2767516	2767533	+	1	18	ATG	TAA	0	0
mORF_+_2767527	2767527	2767631	+	3	105	TTG	TAA	0	0
mORF_+_2767561	2767561	2767593	+	1	33	ATG	TAG	0	0
mORF_+_2767647	2767647	2767682	+	3	36	TTG	TAA	0	0
mORF_+_2767725	2767725	2768426	+	3	702	ATG	TAG	0	0
mORF_+_2767747	2767747	2767776	+	1	30	ATG	TGA	0	0
mORF_+_2767792	2767792	2767809	+	1	18	TTG	TGA	0	0
mORF_+_2767834	2767834	2767881	+	1	48	TTG	TGA	0	0
mORF_+_2767936	2767936	2768025	+	1	90	GTG	TGA	0	0
mORF_+_2768026	2768026	2768037	+	1	12	ATG	TGA	0	0
mORF_+_2768039	2768039	2768047	+	2	9	GTG	TGA	0	0
mORF_+_2768044	2768044	2768061	+	1	18	ATG	TGA	0	0
mORF_+_2768155	2768155	2768184	+	1	30	TTG	TAG	0	0
mORF_+_2768263	2768263	2768280	+	1	18	TTG	TGA	0	0
mORF_+_2768311	2768311	2768703	+	1	393	ATG	TAA	0	0
mORF_+_2768321	2768321	2768335	+	2	15	GTG	TGA	0	0
mORF_+_2768435	2768435	2768515	+	2	81	TTG	TGA	0	0
mORF_+_2768454	2768454	2769146	+	3	693	ATG	TAA	0	0
mORF_+_2768555	2768555	2768578	+	2	24	TTG	TGA	0	0
mORF_+_2768585	2768585	2768617	+	2	33	GTG	TGA	0	0
mORF_+_2768648	2768648	2768686	+	2	39	TTG	TGA	0	0
mORF_+_2768737	2768737	2768757	+	1	21	TTG	TGA	0	0
mORF_+_2768767	2768767	2768967	+	1	201	ATG	TAG	0	0
mORF_+_2768867	2768867	2768923	+	2	57	ATG	TGA	0	0
mORF_+_2768936	2768936	2769091	+	2	156	TTG	TGA	0	0
mORF_+_2769001	2769001	2769102	+	1	102	ATG	TGA	0	0
mORF_+_2769170	2769170	2769637	+	2	468	ATG	TGA	0	0
mORF_+_2769195	2769195	2769293	+	3	99	TTG	TGA	0	0
mORF_+_2769297	2769297	2769377	+	3	81	ATG	TGA	0	0
mORF_+_2769408	2769408	2769437	+	3	30	ATG	TGA	0	0
mORF_+_2769453	2769453	2769617	+	3	165	ATG	TAG	0	0
mORF_+_2769670	2769670	2769720	+	1	51	TTG	TAG	0	0
mORF_+_2769739	2769739	2769819	+	1	81	ATG	TAA	0	0
mORF_+_2769782	2769782	2769844	+	2	63	TTG	TAA	0	0
mORF_+_2769813	2769813	2769875	+	3	63	GTG	TGA	0	0
mORF_+_2769848	2769848	2769886	+	2	39	ATG	TGA	0	0
mORF_+_2769883	2769883	2769924	+	1	42	ATG	TGA	0	0
mORF_+_2769921	2769921	2769998	+	3	78	ATG	TGA	0	0
mORF_+_2769925	2769925	2770032	+	1	108	ATG	TGA	0	0
mORF_+_2769998	2769998	2770078	+	2	81	ATG	TAA	0	0
mORF_+_2770062	2770062	2770082	+	3	21	GTG	TAA	0	0
mORF_+_2770086	2770086	2770166	+	3	81	TTG	TAA	0	0
mORF_+_2770097	2770097	2770111	+	2	15	TTG	TGA	0	0
mORF_+_2770108	2770108	2770134	+	1	27	ATG	TGA	0	0
mORF_+_2770124	2770124	2770156	+	2	33	GTG	TGA	0	0

mORF_+_2770153	2770153	2770188	+	1	36	GTG	TAA	0	0
mORF_+_2770160	2770160	2770276	+	2	117	ATG	TAA	0	0
mORF_+_2770286	2770286	2770393	+	2	108	GTG	TAA	0	0
mORF_+_2770290	2770290	2770355	+	3	66	TTG	TGA	0	0
mORF_+_2770315	2770315	2770368	+	1	54	ATG	TAA	0	0
mORF_+_2770398	2770398	2770409	+	3	12	TTG	TGA	0	0
mORF_+_2770406	2770406	2770600	+	2	195	TTG	TAG	0	0
mORF_+_2770482	2770482	2770577	+	3	96	ATG	TGA	0	0
mORF_+_2770607	2770607	2770681	+	2	75	ATG	TGA	0	0
mORF_+_2770620	2770620	2770631	+	3	12	GTG	TAA	0	0
mORF_+_2770641	2770641	2770673	+	3	33	ATG	TGA	0	0
mORF_+_2770678	2770678	2770785	+	1	108	ATG	TAA	0	0
mORF_+_2770812	2770812	2770826	+	3	15	TTG	TGA	0	0
mORF_+_2770823	2770823	2770861	+	2	39	TTG	TAA	0	0
mORF_+_2770866	2770866	2770877	+	3	12	TTG	TAA	0	0
mORF_+_2770910	2770910	2771194	+	2	285	GTG	TGA	0	0
mORF_+_2771070	2771070	2771087	+	3	18	GTG	TGA	0	0
mORF_+_2771146	2771146	2771259	+	1	114	TTG	TAA	0	0
mORF_+_2771216	2771216	2771275	+	2	60	TTG	TAG	0	0
mORF_+_2771259	2771259	2771300	+	3	42	ATG	TGA	0	0
mORF_+_2771269	2771269	2771286	+	1	18	TTG	TGA	0	0
mORF_+_2771288	2771288	2771317	+	2	30	TTG	TAA	0	0
mORF_+_2771329	2771329	2771370	+	1	42	ATG	TAA	0	0
mORF_+_2771340	2771340	2773043	+	3	1704	ATG	TAA	0	0
mORF_+_2771392	2771392	2771514	+	1	123	TTG	TGA	0	0
mORF_+_2771444	2771444	2771449	+	2	6	TTG	TAG	0	0
mORF_+_2771495	2771495	2771503	+	2	9	TTG	TGA	0	0
mORF_+_2771504	2771504	2771521	+	2	18	ATG	TGA	0	0
mORF_+_2771518	2771518	2771529	+	1	12	TTG	TAA	0	0
mORF_+_2771558	2771558	2771614	+	2	57	ATG	TAG	0	0
mORF_+_2771578	2771578	2771631	+	1	54	TTG	TAA	0	0
mORF_+_2771648	2771648	2771713	+	2	66	ATG	TAA	0	0
mORF_+_2771653	2771653	2771661	+	1	9	TTG	TAA	0	0
mORF_+_2771671	2771671	2771682	+	1	12	ATG	TAA	0	0
mORF_+_2771743	2771743	2771811	+	1	69	TTG	TAA	0	0
mORF_+_2771771	2771771	2771803	+	2	33	GTG	TAA	0	0
mORF_+_2771902	2771902	2771919	+	1	18	TTG	TAG	0	0
mORF_+_2771923	2771923	2771964	+	1	42	TTG	TAG	0	0
mORF_+_2771965	2771965	2771970	+	1	6	GTG	TAA	0	0
mORF_+_2771977	2771977	2772000	+	1	24	ATG	TAA	0	0
mORF_+_2772001	2772001	2772039	+	1	39	ATG	TAA	0	0
mORF_+_2772046	2772046	2772057	+	1	12	ATG	TGA	0	0
mORF_+_2772064	2772064	2772081	+	1	18	ATG	TAA	0	0
mORF_+_2772082	2772082	2772171	+	1	90	GTG	TGA	0	0
mORF_+_2772110	2772110	2772151	+	2	42	TTG	TGA	0	0
mORF_+_2772172	2772172	2772177	+	1	6	ATG	TAA	0	0
mORF_+_2772226	2772226	2772243	+	1	18	GTG	TGA	0	0
mORF_+_2772283	2772283	2772300	+	1	18	ATG	TAG	0	0
mORF_+_2772307	2772307	2772327	+	1	21	GTG	TAA	0	0
mORF_+_2772343	2772343	2772354	+	1	12	ATG	TGA	0	0
mORF_+_2772358	2772358	2772381	+	1	24	TTG	TAA	0	0
mORF_+_2772388	2772388	2772420	+	1	33	ATG	TAA	0	0
mORF_+_2772427	2772427	2772495	+	1	69	ATG	TGA	0	0
mORF_+_2772497	2772497	2772502	+	2	6	GTG	TGA	0	0
mORF_+_2772499	2772499	2772525	+	1	27	GTG	TAA	0	0
mORF_+_2772544	2772544	2772558	+	1	15	ATG	TAA	0	0
mORF_+_2772571	2772571	2772579	+	1	9	TTG	TAA	0	0
mORF_+_2772586	2772586	2772690	+	1	105	ATG	TAA	0	0
mORF_+_2772694	2772694	2772714	+	1	21	ATG	TGA	0	0
mORF_+_2772805	2772805	2772813	+	1	9	ATG	TAG	0	0
mORF_+_2772841	2772841	2772879	+	1	39	ATG	TAA	0	0
mORF_+_2772925	2772925	2772951	+	1	27	TTG	TAA	0	0
mORF_+_2772961	2772961	2772969	+	1	9	TTG	TAG	0	0

mORF_+_2773015	2773015	2773023	+	1	9	ATG	TGA	0	0
mORF_+_2773024	2773024	2773086	+	1	63	ATG	TAA	0	0
mORF_+_2773049	2773049	2773075	+	2	27	TTG	TGA	0	0
mORF_+_2773059	2773059	2773124	+	3	66	TTG	TGA	0	0
mORF_+_2773121	2773121	2773213	+	2	93	TTG	TGA	0	0
mORF_+_2773156	2773156	2773200	+	1	45	GTG	TAA	0	0
mORF_+_2773218	2773218	2773286	+	3	69	TTG	TAG	0	0
mORF_+_2773234	2773234	2773272	+	1	39	ATG	TGA	0	0
mORF_+_2773250	2773250	2773318	+	2	69	ATG	TGA	0	0
mORF_+_2773273	2773273	2773302	+	1	30	ATG	TAA	0	0
mORF_+_2773346	2773346	2773372	+	2	27	TTG	TAG	0	0
mORF_+_2773363	2773363	2773368	+	1	6	TTG	TGA	0	0
mORF_+_2773365	2773365	2773412	+	3	48	GTG	TAG	0	0
mORF_+_2773382	2773382	2773513	+	2	132	ATG	TAA	0	0
mORF_+_2773441	2773441	2773470	+	1	30	TTG	TAA	0	0
mORF_+_2773567	2773567	2773590	+	1	24	ATG	TAG	0	0
mORF_+_2773584	2773584	2773637	+	3	54	TTG	TGA	0	0
mORF_+_2773638	2773638	2773682	+	3	45	TTG	TAA	0	0
mORF_+_2773685	2773685	2773717	+	2	33	TTG	TGA	0	0
mORF_+_2773724	2773724	2773765	+	2	42	GTG	TGA	0	0
mORF_+_2773741	2773741	2773944	+	1	204	ATG	TGA	0	0
mORF_+_2773941	2773941	2774399	+	3	459	ATG	TAA	0	0
mORF_+_2773990	2773990	2773998	+	1	9	TTG	TGA	0	0
mORF_+_2774017	2774017	2774073	+	1	57	ATG	TAA	0	0
mORF_+_2774066	2774066	2774116	+	2	51	GTG	TGA	0	0
mORF_+_2774113	2774113	2774223	+	1	111	GTG	TGA	0	0
mORF_+_2774201	2774201	2774281	+	2	81	ATG	TGA	0	0
mORF_+_2774224	2774224	2774244	+	1	21	ATG	TGA	0	0
mORF_+_2774278	2774278	2774322	+	1	45	TTG	TGA	0	0
mORF_+_2774309	2774309	2774368	+	2	60	ATG	TGA	0	0
mORF_+_2774392	2774392	2774493	+	1	102	TTG	TGA	0	0
mORF_+_2774408	2774408	2774890	+	2	483	ATG	TGA	0	0
mORF_+_2774490	2774490	2774555	+	3	66	TTG	TGA	0	0
mORF_+_2774580	2774580	2774594	+	3	15	GTG	TGA	0	0
mORF_+_2774625	2774625	2774723	+	3	99	TTG	TGA	0	0
mORF_+_2774814	2774814	2774840	+	3	27	TTG	TGA	0	0
mORF_+_2774841	2774841	2774915	+	3	75	TTG	TAA	0	0
mORF_+_2774887	2774887	2775099	+	1	213	TTG	TGA	0	0
mORF_+_2774988	2774988	2774999	+	3	12	GTG	TAG	0	0
mORF_+_2775023	2775023	2775136	+	2	114	ATG	TGA	0	0
mORF_+_2775099	2775099	2775119	+	3	21	ATG	TGA	0	0
mORF_+_2775133	2775133	2775231	+	1	99	ATG	TGA	0	0
mORF_+_2775137	2775137	2775454	+	2	318	ATG	TAA	0	0
mORF_+_2775258	2775258	2775314	+	3	57	GTG	TAG	0	0
mORF_+_2775268	2775268	2775276	+	1	9	ATG	TAA	0	0
mORF_+_2775333	2775333	2775341	+	3	9	GTG	TGA	0	0
mORF_+_2775351	2775351	2775458	+	3	108	ATG	TAA	0	0
mORF_+_2775358	2775358	2775411	+	1	54	ATG	TAG	0	0
mORF_+_2775412	2775412	2775804	+	1	393	TTG	TAA	0	0
mORF_+_2775575	2775575	2775583	+	2	9	ATG	TGA	0	0
mORF_+_2775605	2775605	2775748	+	2	144	GTG	TAG	0	0
mORF_+_2775717	2775717	2775794	+	3	78	GTG	TAA	0	0
mORF_+_2775794	2775794	2775799	+	2	6	ATG	TGA	0	0
mORF_+_2775840	2775840	2775854	+	3	15	ATG	TAG	0	0
mORF_+_2775922	2775922	2775936	+	1	15	ATG	TGA	0	0
mORF_+_2775933	2775933	2776097	+	3	165	ATG	TAA	0	0
mORF_+_2775940	2775940	2775948	+	1	9	TTG	TGA	0	0
mORF_+_2776015	2776015	2776056	+	1	42	TTG	TAG	0	0
mORF_+_2776022	2776022	2776027	+	2	6	GTG	TAA	0	0
mORF_+_2776084	2776084	2776164	+	1	81	GTG	TGA	0	0
mORF_+_2776146	2776146	2776268	+	3	123	ATG	TGA	0	0
mORF_+_2776148	2776148	2776318	+	2	171	GTG	TAA	0	0
mORF_+_2776225	2776225	2776257	+	1	33	ATG	TAA	0	0

mORF_+_2776269	2776269	2776280	+	3	12	ATG	TAA	0	0	
mORF_+_2776319	2776319	2776435	+	2	117	TTG	TAA	0	0	
mORF_+_2776443	2776443	2776532	+	3	90	TTG	TGA	0	0	
mORF_+_2776493	2776493	2776510	+	2	18	ATG	TGA	0	0	
mORF_+_2776507	2776507	2776542	+	1	36	ATG	TAA	0	0	
mORF_+_2776529	2776529	2776603	+	2	75	GTG	TGA	0	0	
mORF_+_2776545	2776545	2776580	+	3	36	ATG	TAA	0	0	
mORF_+_2776600	2776600	2776800	+	1	201	GTG	TGA	0	0	
mORF_+_2776616	2776616	2776627	+	2	12	TTG	TAA	0	0	
mORF_+_2776634	2776634	2776711	+	2	78	TTG	TAG	0	0	
mORF_+_2776797	2776797	2776817	+	3	21	GTG	TAA	0	0	
mORF_+_2776801	2776801	2776827	+	1	27	ATG	TAG	0	0	
mORF_+_2776829	2776829	2777260	+	2	432	GTG	TAG	0	0	
mORF_+_2776966	2776966	2777013	+	1	48	GTG	TAG	0	0	
mORF_+_2776968	2776968	2777054	+	3	87	GTG	TGA	0	0	
mORF_+_2777097	2777097	2777120	+	3	24	GTG	TAG	0	0	
mORF_+_2777130	2777130	2777204	+	3	75	TTG	TGA	0	0	
mORF_+_2777288	2777288	2777374	+	2	87	TTG	TGA	0	0	
mORF_+_2777352	2777352	2777360	+	3	9	GTG	TGA	0	0	
mORF_+_2777396	2777396	2777422	+	2	27	GTG	TGA	0	0	
mORF_+_2777419	2777419	2777541	+	1	123	TTG	TGA	0	0	
mORF_+_2777444	2777444	2777458	+	2	15	TTG	TAG	0	0	
mORF_+_2777483	2777483	2777503	+	2	21	TTG	TAG	0	0	
mORF_+_2777487	2777487	2777513	+	3	27	TTG	TAG	0	0	
mORF_+_2777514	2777514	2777564	+	3	51	TTG	TGA	0	0	
mORF_+_2777516	2777516	2777548	+	2	33	GTG	TAA	0	0	
mORF_+_2777561	2777561	2777824	+	2	264	TTG	TAG	0	0	
mORF_+_2777697	2777697	2777714	+	3	18	ATG	TAA	0	0	
mORF_+_2777757	2777757	2777795	+	3	39	GTG	TGA	0	0	
mORF_+_2777799	2777799	2777924	+	3	126	ATG	TAA	0	0	
mORF_+_2777908	2777908	2778006	+	1	99	TTG	TAA	0	0	
mORF_+_2777928	2777928	2778095	+	3	168	TTG	TGA	0	0	
mORF_+_2777930	2777930	2777944	+	2	15	GTG	TGA	0	0	
mORF_+_2777969	2777969	2778085	+	2	117	TTG	TGA	0	0	
mORF_+_2778082	2778082	2778231	+	1	150	GTG	TGA	1	5	pORF_+_2778082
mORF_+_2778113	2778113	2778721	+	2	609	GTG	TAA	0	0	
mORF_+_2778204	2778204	2778227	+	3	24	TTG	TAG	0	0	
mORF_+_2778238	2778238	2778390	+	1	153	TTG	TGA	0	0	
mORF_+_2778258	2778258	2778305	+	3	48	TTG	TGA	0	0	
mORF_+_2778330	2778330	2778338	+	3	9	TTG	TGA	0	0	
mORF_+_2778366	2778366	2778455	+	3	90	GTG	TGA	0	0	
mORF_+_2778474	2778474	2778485	+	3	12	GTG	TGA	0	0	
mORF_+_2778504	2778504	2778587	+	3	84	TTG	TAA	0	0	
mORF_+_2778627	2778627	2778641	+	3	15	GTG	TAA	0	0	
mORF_+_2778666	2778666	2778674	+	3	9	TTG	TAA	0	0	
mORF_+_2778676	2778676	2778684	+	1	9	TTG	TAG	0	0	
mORF_+_2778708	2778708	2778749	+	3	42	TTG	TGA	0	0	
mORF_+_2778733	2778733	2778768	+	1	36	TTG	TGA	0	0	
mORF_+_2778737	2778737	2778931	+	2	195	GTG	TAA	0	0	
mORF_+_2778753	2778753	2778848	+	3	96	GTG	TGA	0	0	
mORF_+_2778784	2778784	2778819	+	1	36	TTG	TAA	0	0	
mORF_+_2778832	2778832	2778996	+	1	165	TTG	TAA	0	0	
mORF_+_2778852	2778852	2778905	+	3	54	TTG	TGA	0	0	
mORF_+_2778941	2778941	2779048	+	2	108	TTG	TAG	0	0	
mORF_+_2778996	2778996	2779028	+	3	33	ATG	TAG	0	0	
mORF_+_2779067	2779067	2779159	+	2	93	TTG	TGA	0	0	
mORF_+_2779083	2779083	2779142	+	3	60	GTG	TAG	0	0	
mORF_+_2779123	2779123	2779392	+	1	270	TTG	TAA	0	0	
mORF_+_2779190	2779190	2779309	+	2	120	GTG	TAA	0	0	
mORF_+_2779331	2779331	2779339	+	2	9	GTG	TGA	0	0	
mORF_+_2779346	2779346	2779441	+	2	96	TTG	TAG	0	0	
mORF_+_2779420	2779420	2779713	+	1	294	ATG	TAA	1	5	pORF_+_2779420
mORF_+_2779422	2779422	2779466	+	3	45	GTG	TAA	0	0	

mORF_+_2779469	2779469	2779603	+	2	135	TTG	TAA	0	0
mORF_+_2779479	2779479	2779526	+	3	48	TTG	TAA	0	0
mORF_+_2779527	2779527	2779556	+	3	30	TTG	TGA	0	0
mORF_+_2779617	2779617	2779631	+	3	15	GTG	TAA	0	0
mORF_+_2779619	2779619	2779783	+	2	165	GTG	TGA	0	0
mORF_+_2779641	2779641	2779667	+	3	27	TTG	TAA	0	0
mORF_+_2779722	2779722	2779739	+	3	18	TTG	TAA	0	0
mORF_+_2779752	2779752	2779874	+	3	123	TTG	TAG	0	0
mORF_+_2779780	2779780	2779887	+	1	108	ATG	TAA	0	0
mORF_+_2779805	2779805	2779819	+	2	15	TTG	TGA	0	0
mORF_+_2779820	2779820	2779957	+	2	138	TTG	TAA	0	0
mORF_+_2779890	2779890	2779910	+	3	21	TTG	TAA	0	0
mORF_+_2779900	2779900	2780037	+	1	138	GTG	TGA	0	0
mORF_+_2779914	2779914	2779934	+	3	21	TTG	TAA	0	0
mORF_+_2779976	2779976	2780014	+	2	39	GTG	TAG	0	0
mORF_+_2780028	2780028	2780123	+	3	96	TTG	TAA	0	0
mORF_+_2780075	2780075	2780215	+	2	141	GTG	TGA	0	0
mORF_+_2780104	2780104	2780322	+	1	219	TTG	TGA	0	0
mORF_+_2780127	2780127	2780288	+	3	162	TTG	TGA	0	0
mORF_+_2780285	2780285	2780368	+	2	84	ATG	TAA	0	0
mORF_+_2780319	2780319	2780336	+	3	18	GTG	TAA	0	0
mORF_+_2780337	2780337	2780354	+	3	18	TTG	TGA	0	0
mORF_+_2780378	2780378	2780422	+	2	45	TTG	TGA	0	0
mORF_+_2780391	2780391	2780444	+	3	54	TTG	TAA	0	0
mORF_+_2780419	2780419	2780427	+	1	9	ATG	TGA	0	0
mORF_+_2780444	2780444	2780482	+	2	39	ATG	TGA	0	0
mORF_+_2780448	2780448	2780459	+	3	12	TTG	TAG	0	0
mORF_+_2780479	2780479	2780703	+	1	225	ATG	TAA	0	0
mORF_+_2780561	2780561	2780572	+	2	12	TTG	TGA	0	0
mORF_+_2780573	2780573	2780728	+	2	156	GTG	TAA	0	0
mORF_+_2780580	2780580	2780645	+	3	66	TTG	TAA	0	0
mORF_+_2780768	2780768	2780782	+	2	15	GTG	TAG	0	0
mORF_+_2780802	2780802	2780849	+	3	48	TTG	TGA	0	0
mORF_+_2780863	2780863	2780898	+	1	36	GTG	TGA	0	0
mORF_+_2780868	2780868	2780906	+	3	39	TTG	TGA	0	0
mORF_+_2780870	2780870	2780953	+	2	84	GTG	TGA	0	0
mORF_+_2780955	2780955	2781020	+	3	66	GTG	TGA	0	0
mORF_+_2780957	2780957	2780968	+	2	12	GTG	TAA	0	0
mORF_+_2781017	2781017	2781037	+	2	21	ATG	TAA	0	0
mORF_+_2781039	2781039	2781083	+	3	45	ATG	TAA	0	0
mORF_+_2781061	2781061	2781429	+	1	369	ATG	TAA	0	0
mORF_+_2781113	2781113	2781160	+	2	48	TTG	TAG	0	0
mORF_+_2781144	2781144	2781263	+	3	120	TTG	TAG	0	0
mORF_+_2781266	2781266	2781292	+	2	27	GTG	TGA	0	0
mORF_+_2781332	2781332	2781343	+	2	12	TTG	TAA	0	0
mORF_+_2781372	2781372	2781404	+	3	33	GTG	TAA	0	0
mORF_+_2781436	2781436	2781525	+	1	90	TTG	TGA	0	0
mORF_+_2781452	2781452	2781508	+	2	57	ATG	TAA	0	0
mORF_+_2781522	2781522	2781533	+	3	12	ATG	TAG	0	0
mORF_+_2781545	2781545	2781571	+	2	27	TTG	TAG	0	0
mORF_+_2781562	2781562	2781576	+	1	15	ATG	TGA	0	0
mORF_+_2781573	2781573	2781659	+	3	87	GTG	TAA	0	0
mORF_+_2781611	2781611	2781679	+	2	69	TTG	TAG	0	0
mORF_+_2781637	2781637	2781642	+	1	6	TTG	TAA	0	0
mORF_+_2781646	2781646	2781666	+	1	21	TTG	TGA	0	0
mORF_+_2781663	2781663	2781686	+	3	24	TTG	TGA	0	0
mORF_+_2781683	2781683	2781700	+	2	18	TTG	TAG	0	0
mORF_+_2781782	2781782	2781799	+	2	18	ATG	TGA	0	0
mORF_+_2781796	2781796	2781891	+	1	96	GTG	TAA	0	0
mORF_+_2781866	2781866	2781904	+	2	39	ATG	TAA	0	0
mORF_+_2781932	2781932	2781973	+	2	42	ATG	TGA	0	0
mORF_+_2781954	2781954	2782019	+	3	66	TTG	TAA	0	0
mORF_+_2782044	2782044	2782148	+	3	105	TTG	TAA	0	0

mORF_+_2782054	2782054	2782227	+	1	174	ATG	TAG	0	0
mORF_+_2782173	2782173	2782190	+	3	18	ATG	TGA	0	0
mORF_+_2782175	2782175	2782186	+	2	12	GTG	TAG	0	0
mORF_+_2782187	2782187	2782291	+	2	105	ATG	TAA	0	0
mORF_+_2782209	2782209	2782220	+	3	12	TTG	TGA	0	0
mORF_+_2782242	2782242	2782262	+	3	21	TTG	TAA	0	0
mORF_+_2782310	2782310	2782339	+	2	30	TTG	TGA	0	0
mORF_+_2782336	2782336	2782371	+	1	36	TTG	TGA	0	0
mORF_+_2782368	2782368	2782394	+	3	27	TTG	TGA	0	0
mORF_+_2782378	2782378	2782518	+	1	141	ATG	TGA	0	0
mORF_+_2782391	2782391	2782480	+	2	90	TTG	TAA	0	0
mORF_+_2782496	2782496	2782504	+	2	9	TTG	TAA	0	0
mORF_+_2782515	2782515	2782607	+	3	93	ATG	TAA	0	0
mORF_+_2782636	2782636	2782728	+	1	93	TTG	TGA	0	0
mORF_+_2782725	2782725	2782760	+	3	36	GTG	TAA	0	0
mORF_+_2782747	2782747	2782839	+	1	93	TTG	TGA	0	0
mORF_+_2782797	2782797	2782868	+	3	72	TTG	TAA	0	0
mORF_+_2782898	2782898	2782957	+	2	60	ATG	TAG	0	0
mORF_+_2782932	2782932	2782940	+	3	9	ATG	TAG	0	0
mORF_+_2782948	2782948	2782977	+	1	30	ATG	TAA	0	0
mORF_+_2782950	2782950	2783030	+	3	81	GTG	TAA	0	0
mORF_+_2783014	2783014	2783112	+	1	99	TTG	TGA	0	0
mORF_+_2783033	2783033	2783161	+	2	129	TTG	TAA	0	0
mORF_+_2783085	2783085	2783096	+	3	12	TTG	TAA	0	0
mORF_+_2783109	2783109	2783165	+	3	57	TTG	TAA	0	0
mORF_+_2783140	2783140	2783184	+	1	45	TTG	TAA	0	0
mORF_+_2783178	2783178	2783243	+	3	66	ATG	TAG	0	0
mORF_+_2783243	2783243	2783374	+	2	132	GTG	TAA	0	0
mORF_+_2783295	2783295	2783318	+	3	24	ATG	TAA	0	0
mORF_+_2783367	2783367	2783477	+	3	111	ATG	TGA	0	0
mORF_+_2783378	2783378	2783482	+	2	105	GTG	TGA	0	0
mORF_+_2783425	2783425	2783454	+	1	30	TTG	TGA	0	0
mORF_+_2783479	2783479	2783490	+	1	12	TTG	TAA	0	0
mORF_+_2783500	2783500	2783520	+	1	21	ATG	TGA	0	0
mORF_+_2783517	2783517	2783543	+	3	27	ATG	TAA	0	0
mORF_+_2783558	2783558	2783563	+	2	6	ATG	TAA	0	0
mORF_+_2783569	2783569	2783622	+	1	54	TTG	TGA	0	0
mORF_+_2783577	2783577	2783585	+	3	9	TTG	TAG	0	0
mORF_+_2783612	2783612	2783629	+	2	18	ATG	TAA	0	0
mORF_+_2783622	2783622	2783714	+	3	93	ATG	TAG	0	0
mORF_+_2783635	2783635	2783703	+	1	69	TTG	TGA	0	0
mORF_+_2783645	2783645	2783767	+	2	123	GTG	TGA	0	0
mORF_+_2783746	2783746	2783757	+	1	12	TTG	TAA	0	0
mORF_+_2783778	2783778	2783915	+	3	138	ATG	TGA	0	0
mORF_+_2783783	2783783	2783827	+	2	45	TTG	TGA	0	0
mORF_+_2783824	2783824	2783841	+	1	18	ATG	TAA	0	0
mORF_+_2783860	2783860	2783874	+	1	15	TTG	TAA	0	0
mORF_+_2783864	2783864	2783920	+	2	57	GTG	TAA	0	0
mORF_+_2783934	2783934	2784041	+	3	108	ATG	TAG	0	0
mORF_+_2783951	2783951	2784034	+	2	84	TTG	TAA	0	0
mORF_+_2784028	2784028	2784081	+	1	54	ATG	TAA	0	0
mORF_+_2784068	2784068	2784118	+	2	51	ATG	TAG	0	0
mORF_+_2784081	2784081	2784104	+	3	24	ATG	TAA	0	0
mORF_+_2784140	2784140	2784184	+	2	45	ATG	TAG	0	0
mORF_+_2784231	2784231	2784245	+	3	15	ATG	TGA	0	0
mORF_+_2784242	2784242	2784277	+	2	36	TTG	TAA	0	0
mORF_+_2784249	2784249	2784323	+	3	75	TTG	TAA	0	0
mORF_+_2784316	2784316	2784363	+	1	48	TTG	TAA	0	0
mORF_+_2784339	2784339	2784431	+	3	93	TTG	TAA	0	0
mORF_+_2784419	2784419	2784751	+	2	333	ATG	TAG	0	0
mORF_+_2784478	2784478	2784492	+	1	15	ATG	TGA	0	0
mORF_+_2784559	2784559	2784630	+	1	72	TTG	TAA	0	0
mORF_+_2784561	2784561	2784584	+	3	24	GTG	TAA	0	0

mORF_+_2784630	2784630	2784641	+	3	12	ATG	TAA	0	0	
mORF_+_2784770	2784770	2785456	+	2	687	ATG	TAG	0	0	
mORF_+_2784774	2784774	2784932	+	3	159	TTG	TGA	0	0	
mORF_+_2784999	2784999	2785169	+	3	171	TTG	TGA	0	0	
mORF_+_2785036	2785036	2785041	+	1	6	ATG	TGA	0	0	
mORF_+_2785135	2785135	2785263	+	1	129	TTG	TAA	0	0	
mORF_+_2785227	2785227	2785433	+	3	207	ATG	TAG	0	0	
mORF_+_2785437	2785437	2785472	+	3	36	GTG	TGA	0	0	
mORF_+_2785469	2785469	2786260	+	2	792	TTG	TAG	0	0	
mORF_+_2785581	2785581	2785607	+	3	27	ATG	TAA	0	0	
mORF_+_2785585	2785585	2785635	+	1	51	ATG	TAA	0	0	
mORF_+_2785623	2785623	2785757	+	3	135	ATG	TAG	0	0	
mORF_+_2785791	2785791	2785850	+	3	60	ATG	TGA	0	0	
mORF_+_2785873	2785873	2785887	+	1	15	TTG	TGA	0	0	
mORF_+_2785884	2785884	2785928	+	3	45	ATG	TAA	0	0	
mORF_+_2785935	2785935	2785955	+	3	21	TTG	TGA	0	0	
mORF_+_2785977	2785977	2786054	+	3	78	TTG	TGA	0	0	
mORF_+_2786082	2786082	2786135	+	3	54	ATG	TAG	0	0	
mORF_+_2786187	2786187	2786201	+	3	15	ATG	TAA	0	0	
mORF_+_2786226	2786226	2786321	+	3	96	ATG	TAG	0	0	
mORF_+_2786272	2786272	2786301	+	1	30	TTG	TGA	0	0	
mORF_+_2786335	2786335	2786349	+	1	15	ATG	TGA	0	0	
mORF_+_2786346	2786346	2786402	+	3	57	TTG	TGA	0	0	
mORF_+_2786399	2786399	2786671	+	2	273	GTG	TAA	0	0	
mORF_+_2786421	2786421	2786432	+	3	12	ATG	TAG	0	0	
mORF_+_2786460	2786460	2786597	+	3	138	TTG	TAA	0	0	
mORF_+_2786676	2786676	2786696	+	3	21	ATG	TAA	0	0	
mORF_+_2786712	2786712	2786744	+	3	33	ATG	TGA	0	0	
mORF_+_2786741	2786741	2786803	+	2	63	GTG	TAA	0	0	
mORF_+_2786787	2786787	2786816	+	3	30	ATG	TAG	0	0	
mORF_+_2786838	2786838	2786846	+	3	9	TTG	TAA	0	0	
mORF_+_2786860	2786860	2786883	+	1	24	ATG	TGA	0	0	
mORF_+_2786871	2786871	2786945	+	3	75	TTG	TAG	0	0	
mORF_+_2786902	2786902	2787984	+	1	1083	ATG	TAA	0	0	
mORF_+_2786930	2786930	2786935	+	2	6	ATG	TAG	0	0	
mORF_+_2786949	2786949	2786963	+	3	15	ATG	TGA	0	0	
mORF_+_2786960	2786960	2786992	+	2	33	ATG	TAA	0	0	
mORF_+_2787011	2787011	2787019	+	2	9	ATG	TGA	0	0	
mORF_+_2787143	2787143	2787208	+	2	66	TTG	TAG	0	0	
mORF_+_2787159	2787159	2787221	+	3	63	GTG	TGA	0	0	
mORF_+_2787218	2787218	2787259	+	2	42	TTG	TGA	0	0	
mORF_+_2787228	2787228	2787281	+	3	54	ATG	TGA	0	0	
mORF_+_2787284	2787284	2787295	+	2	12	GTG	TGA	0	0	
mORF_+_2787299	2787299	2787322	+	2	24	ATG	TGA	0	0	
mORF_+_2787332	2787332	2787343	+	2	12	ATG	TGA	0	0	
mORF_+_2787371	2787371	2787397	+	2	27	TTG	TGA	0	0	
mORF_+_2787419	2787419	2787424	+	2	6	TTG	TAG	0	0	
mORF_+_2787431	2787431	2787475	+	2	45	ATG	TGA	0	0	
mORF_+_2787500	2787500	2787514	+	2	15	ATG	TAA	0	0	
mORF_+_2787587	2787587	2787727	+	2	141	ATG	TGA	0	0	
mORF_+_2787777	2787777	2787806	+	3	30	GTG	TGA	0	0	
mORF_+_2787803	2787803	2787859	+	2	57	TTG	TGA	0	0	
mORF_+_2787920	2787920	2787928	+	2	9	GTG	TGA	0	0	
mORF_+_2787938	2787938	2789272	+	2	1335	GTG	TAA	3	9	pORF_+_2787938
mORF_+_2787996	2787996	2788019	+	3	24	TTG	TGA	0	0	
mORF_+_2788023	2788023	2788064	+	3	42	TTG	TGA	0	0	
mORF_+_2788065	2788065	2788151	+	3	87	TTG	TGA	0	0	
mORF_+_2788155	2788155	2788187	+	3	33	ATG	TGA	0	0	
mORF_+_2788198	2788198	2788362	+	1	165	TTG	TAA	0	0	
mORF_+_2788278	2788278	2788454	+	3	177	TTG	TGA	0	0	
mORF_+_2788491	2788491	2788550	+	3	60	GTG	TGA	0	0	
mORF_+_2788575	2788575	2788592	+	3	18	ATG	TGA	0	0	
mORF_+_2788671	2788671	2788724	+	3	54	GTG	TGA	0	0	

mORF_+_2788954	2788954	2789076	+	1	123	GTG	TGA	0	0	
mORF_+_2789034	2789034	2789072	+	3	39	GTG	TGA	0	0	
mORF_+_2789073	2789073	2789279	+	3	207	TTG	TGA	0	0	
mORF_+_2789276	2789276	2789305	+	2	30	TTG	TAA	0	0	
mORF_+_2789287	2789287	2789292	+	1	6	ATG	TAG	0	0	
mORF_+_2789295	2789295	2790743	+	3	1449	ATG	TAA	54	495	pORF_+_2789295
mORF_+_2789348	2789348	2789371	+	2	24	ATG	TGA	0	0	
mORF_+_2789365	2789365	2789541	+	1	177	ATG	TGA	0	0	
mORF_+_2789641	2789641	2789715	+	1	75	TTG	TGA	0	0	
mORF_+_2789645	2789645	2789707	+	2	63	GTG	TAA	0	0	
mORF_+_2789716	2789716	2789781	+	1	66	TTG	TGA	0	0	
mORF_+_2789759	2789759	2789914	+	2	156	GTG	TAA	0	0	
mORF_+_2790004	2790004	2790018	+	1	15	TTG	TAA	0	0	
mORF_+_2790026	2790026	2790070	+	2	45	GTG	TAA	0	0	
mORF_+_2790088	2790088	2790234	+	1	147	TTG	TGA	0	0	
mORF_+_2790292	2790292	2790306	+	1	15	ATG	TAG	0	0	
mORF_+_2790325	2790325	2790504	+	1	180	TTG	TGA	0	0	
mORF_+_2790359	2790359	2790370	+	2	12	TTG	TAA	0	0	
mORF_+_2790505	2790505	2790564	+	1	60	TTG	TAA	0	0	
mORF_+_2790634	2790634	2790714	+	1	81	ATG	TAG	0	0	
mORF_+_2790728	2790728	2790760	+	2	33	GTG	TGA	0	0	
mORF_+_2790751	2790751	2792037	+	1	1287	ATG	TAG	45	336	pORF_+_2790751
mORF_+_2790806	2790806	2790967	+	2	162	GTG	TGA	0	0	
mORF_+_2790861	2790861	2790872	+	3	12	GTG	TGA	0	0	
mORF_+_2791023	2791023	2791142	+	3	120	GTG	TAG	0	0	
mORF_+_2791250	2791250	2791291	+	2	42	ATG	TAA	0	0	
mORF_+_2791272	2791272	2791301	+	3	30	TTG	TGA	0	0	
mORF_+_2791298	2791298	2791369	+	2	72	ATG	TGA	0	0	
mORF_+_2791370	2791370	2791465	+	2	96	TTG	TGA	0	0	
mORF_+_2791440	2791440	2791445	+	3	6	GTG	TGA	0	0	
mORF_+_2791466	2791466	2791612	+	2	147	TTG	TAA	0	0	
mORF_+_2791616	2791616	2791693	+	2	78	ATG	TGA	0	0	
mORF_+_2791700	2791700	2791750	+	2	51	TTG	TGA	0	0	
mORF_+_2791826	2791826	2791912	+	2	87	TTG	TGA	0	0	
mORF_+_2791955	2791955	2792137	+	2	183	TTG	TGA	0	0	
mORF_+_2792013	2792013	2792021	+	3	9	GTG	TGA	0	0	
mORF_+_2792134	2792134	2792166	+	1	33	GTG	TAA	0	0	
mORF_+_2792212	2792212	2793675	+	1	1464	GTG	TGA	0	0	
mORF_+_2792229	2792229	2792252	+	3	24	ATG	TGA	0	0	
mORF_+_2792249	2792249	2792305	+	2	57	GTG	TAG	0	0	
mORF_+_2792345	2792345	2792455	+	2	111	TTG	TGA	0	0	
mORF_+_2792483	2792483	2792620	+	2	138	TTG	TGA	0	0	
mORF_+_2792571	2792571	2792696	+	3	126	GTG	TAA	0	0	
mORF_+_2792726	2792726	2792824	+	2	99	TTG	TGA	0	0	
mORF_+_2792745	2792745	2792798	+	3	54	GTG	TAG	0	0	
mORF_+_2792841	2792841	2792849	+	3	9	GTG	TAG	0	0	
mORF_+_2792876	2792876	2792887	+	2	12	GTG	TAA	0	0	
mORF_+_2792930	2792930	2793052	+	2	123	TTG	TAA	0	0	
mORF_+_2793024	2793024	2793233	+	3	210	ATG	TGA	0	0	
mORF_+_2793125	2793125	2793136	+	2	12	ATG	TAA	0	0	
mORF_+_2793230	2793230	2793247	+	2	18	GTG	TAA	0	0	
mORF_+_2793474	2793474	2793665	+	3	192	GTG	TAA	0	0	
mORF_+_2793521	2793521	2793532	+	2	12	TTG	TAG	0	0	
mORF_+_2793678	2793678	2794358	+	3	681	ATG	TAA	0	0	
mORF_+_2793715	2793715	2793732	+	1	18	ATG	TGA	0	0	
mORF_+_2793766	2793766	2793783	+	1	18	ATG	TGA	0	0	
mORF_+_2793802	2793802	2793873	+	1	72	ATG	TGA	0	0	
mORF_+_2793973	2793973	2794029	+	1	57	TTG	TGA	0	0	
mORF_+_2793992	2793992	2794033	+	2	42	GTG	TAA	0	0	
mORF_+_2794036	2794036	2794254	+	1	219	TTG	TGA	0	0	
mORF_+_2794073	2794073	2794150	+	2	78	GTG	TGA	0	0	
mORF_+_2794291	2794291	2794299	+	1	9	GTG	TAA	0	0	
mORF_+_2794383	2794383	2794415	+	3	33	TTG	TAG	0	0	

mORF_+_2794444	2794444	2794467	+	1	24	TTG	TAG	0	0	
mORF_+_2794474	2794474	2794515	+	1	42	TTG	TAA	0	0	
mORF_+_2794528	2794528	2794554	+	1	27	GTG	TGA	0	0	
mORF_+_2794535	2794535	2794639	+	2	105	GTG	TGA	0	0	
mORF_+_2794636	2794636	2794665	+	1	30	GTG	TGA	0	0	
mORF_+_2794662	2794662	2794826	+	3	165	TTG	TAA	0	0	
mORF_+_2794699	2794699	2794731	+	1	33	TTG	TGA	0	0	
mORF_+_2794795	2794795	2794848	+	1	54	TTG	TAG	0	0	
mORF_+_2794880	2794880	2795065	+	2	186	ATG	TAA	0	0	
mORF_+_2794948	2794948	2794965	+	1	18	GTG	TAA	0	0	
mORF_+_2794968	2794968	2795105	+	3	138	ATG	TAA	0	0	
mORF_+_2795078	2795078	2795170	+	2	93	TTG	TGA	0	0	
mORF_+_2795180	2795180	2795194	+	2	15	ATG	TAG	0	0	
mORF_+_2795233	2795233	2795532	+	1	300	ATG	TAA	0	0	
mORF_+_2795261	2795261	2795287	+	2	27	GTG	TGA	0	0	
mORF_+_2795322	2795322	2795333	+	3	12	GTG	TAG	0	0	
mORF_+_2795384	2795384	2795491	+	2	108	GTG	TAA	0	0	
mORF_+_2795492	2795492	2795512	+	2	21	ATG	TGA	0	0	
mORF_+_2795516	2795516	2795551	+	2	36	ATG	TGA	0	0	
mORF_+_2795523	2795523	2795570	+	3	48	TTG	TGA	0	0	
mORF_+_2795542	2795542	2796066	+	1	525	ATG	TGA	1	2	pORF_+_2795542
mORF_+_2795567	2795567	2795584	+	2	18	ATG	TAA	0	0	
mORF_+_2795615	2795615	2795773	+	2	159	GTG	TAG	0	0	
mORF_+_2795780	2795780	2795851	+	2	72	TTG	TAG	0	0	
mORF_+_2795906	2795906	2795914	+	2	9	GTG	TAA	0	0	
mORF_+_2795927	2795927	2795947	+	2	21	TTG	TAA	0	0	
mORF_+_2795969	2795969	2796037	+	2	69	GTG	TAG	0	0	
mORF_+_2796015	2796015	2796041	+	3	27	TTG	TAA	0	0	
mORF_+_2796048	2796048	2796116	+	3	69	GTG	TAG	0	0	
mORF_+_2796163	2796163	2796201	+	1	39	TTG	TAG	0	0	
mORF_+_2796219	2796219	2796536	+	3	318	GTG	TAA	0	0	
mORF_+_2796265	2796265	2796309	+	1	45	GTG	TAA	0	0	
mORF_+_2796500	2796500	2796505	+	2	6	TTG	TAA	0	0	
mORF_+_2796568	2796568	2796573	+	1	6	GTG	TAA	0	0	
mORF_+_2796690	2796690	2796716	+	3	27	TTG	TGA	0	0	
mORF_+_2796710	2796710	2796742	+	2	33	TTG	TAA	0	0	
mORF_+_2796767	2796767	2796787	+	2	21	GTG	TAA	0	0	
mORF_+_2796777	2796777	2796860	+	3	84	ATG	TGA	0	0	
mORF_+_2796815	2796815	2796850	+	2	36	GTG	TAA	0	0	
mORF_+_2796838	2796838	2796963	+	1	126	TTG	TGA	0	0	
mORF_+_2796854	2796854	2796904	+	2	51	ATG	TAG	0	0	
mORF_+_2796932	2796932	2797060	+	2	129	GTG	TAA	0	0	
mORF_+_2796960	2796960	2796968	+	3	9	TTG	TAA	0	0	
mORF_+_2796990	2796990	2796995	+	3	6	ATG	TAA	0	0	
mORF_+_2797005	2797005	2797052	+	3	48	ATG	TGA	0	0	
mORF_+_2797075	2797075	2797152	+	1	78	TTG	TAA	0	0	
mORF_+_2797104	2797104	2797127	+	3	24	ATG	TGA	0	0	
mORF_+_2797112	2797112	2797174	+	2	63	ATG	TAA	0	0	
mORF_+_2797186	2797186	2797635	+	1	450	ATG	TGA	0	0	
mORF_+_2797214	2797214	2797261	+	2	48	ATG	TGA	0	0	
mORF_+_2797266	2797266	2797274	+	3	9	GTG	TGA	0	0	
mORF_+_2797271	2797271	2797294	+	2	24	TTG	TGA	0	0	
mORF_+_2797349	2797349	2797423	+	2	75	TTG	TAA	0	0	
mORF_+_2797353	2797353	2797376	+	3	24	ATG	TGA	0	0	
mORF_+_2797448	2797448	2797453	+	2	6	ATG	TGA	0	0	
mORF_+_2797472	2797472	2797489	+	2	18	ATG	TAG	0	0	
mORF_+_2797541	2797541	2797555	+	2	15	TTG	TGA	0	0	
mORF_+_2797568	2797568	2797627	+	2	60	ATG	TAA	0	0	
mORF_+_2797587	2797587	2797604	+	3	18	TTG	TAA	0	0	
mORF_+_2797735	2797735	2797773	+	1	39	ATG	TAA	0	0	
mORF_+_2797786	2797786	2797854	+	1	69	TTG	TAA	0	0	
mORF_+_2797833	2797833	2797904	+	3	72	GTG	TAA	0	0	
mORF_+_2797861	2797861	2798010	+	1	150	ATG	TAA	0	0	

mORF_+_2798019	2798019	2798105	+	3	87	TTG	TGA	0	0	
mORF_+_2798060	2798060	2798116	+	2	57	TTG	TAA	0	0	
mORF_+_2798124	2798124	2798156	+	3	33	ATG	TAA	0	0	
mORF_+_2798156	2798156	2798497	+	2	342	ATG	TAG	19	202	pORF_+_2798156
mORF_+_2798196	2798196	2798240	+	3	45	TTG	TAG	0	0	
mORF_+_2798352	2798352	2798456	+	3	105	ATG	TAG	0	0	
mORF_+_2798428	2798428	2798433	+	1	6	GTG	TAG	0	0	
mORF_+_2798497	2798497	2798508	+	1	12	GTG	TGA	0	0	
mORF_+_2798505	2798505	2798528	+	3	24	ATG	TGA	0	0	
mORF_+_2798525	2798525	2798611	+	2	87	TTG	TAA	0	0	
mORF_+_2798557	2798557	2798646	+	1	90	TTG	TGA	0	0	
mORF_+_2798625	2798625	2798729	+	3	105	TTG	TAA	0	0	
mORF_+_2798639	2798639	2798668	+	2	30	GTG	TAG	0	0	
mORF_+_2798745	2798745	2798990	+	3	246	ATG	TGA	1	2	pORF_+_2798745
mORF_+_2798774	2798774	2798824	+	2	51	TTG	TGA	0	0	
mORF_+_2798821	2798821	2798835	+	1	15	TTG	TGA	0	0	
mORF_+_2798839	2798839	2798904	+	1	66	ATG	TAG	0	0	
mORF_+_2798908	2798908	2798949	+	1	42	TTG	TGA	0	0	
mORF_+_2798983	2798983	2799081	+	1	99	GTG	TGA	0	0	
mORF_+_2798987	2798987	2799397	+	2	411	ATG	TGA	0	0	
mORF_+_2799078	2799078	2799101	+	3	24	ATG	TAG	0	0	
mORF_+_2799222	2799222	2799275	+	3	54	TTG	TGA	0	0	
mORF_+_2799276	2799276	2799362	+	3	87	TTG	TAA	0	0	
mORF_+_2799286	2799286	2799315	+	1	30	ATG	TGA	0	0	
mORF_+_2799370	2799370	2801514	+	1	2145	TTG	TAA	1	6	pORF_+_2799370
mORF_+_2799390	2799390	2799440	+	3	51	ATG	TAA	0	0	
mORF_+_2799428	2799428	2799532	+	2	105	ATG	TGA	0	0	
mORF_+_2799584	2799584	2799712	+	2	129	ATG	TGA	0	0	
mORF_+_2799684	2799684	2799728	+	3	45	ATG	TAA	0	0	
mORF_+_2799746	2799746	2799760	+	2	15	TTG	TAA	0	0	
mORF_+_2799791	2799791	2799814	+	2	24	ATG	TGA	0	0	
mORF_+_2799818	2799818	2799952	+	2	135	ATG	TAA	0	0	
mORF_+_2800040	2800040	2800063	+	2	24	TTG	TAA	0	0	
mORF_+_2800100	2800100	2800243	+	2	144	ATG	TGA	0	0	
mORF_+_2800277	2800277	2800312	+	2	36	ATG	TAG	0	0	
mORF_+_2800322	2800322	2800486	+	2	165	ATG	TAA	0	0	
mORF_+_2800490	2800490	2800516	+	2	27	GTG	TAA	0	0	
mORF_+_2800568	2800568	2800621	+	2	54	ATG	TAG	0	0	
mORF_+_2800634	2800634	2800675	+	2	42	TTG	TAG	0	0	
mORF_+_2800751	2800751	2800786	+	2	36	ATG	TGA	0	0	
mORF_+_2800823	2800823	2801089	+	2	267	ATG	TGA	0	0	
mORF_+_2801064	2801064	2801255	+	3	192	GTG	TAA	0	0	
mORF_+_2801159	2801159	2801197	+	2	39	ATG	TAG	0	0	
mORF_+_2801291	2801291	2801359	+	2	69	TTG	TGA	0	0	
mORF_+_2801486	2801486	2801527	+	2	42	TTG	TGA	0	0	
mORF_+_2801524	2801524	2802483	+	1	960	ATG	TGA	0	0	
mORF_+_2801589	2801589	2801783	+	3	195	GTG	TGA	0	0	
mORF_+_2801735	2801735	2801758	+	2	24	ATG	TGA	0	0	
mORF_+_2801765	2801765	2801968	+	2	204	ATG	TGA	0	0	
mORF_+_2801859	2801859	2801900	+	3	42	ATG	TGA	0	0	
mORF_+_2801984	2801984	2802058	+	2	75	GTG	TGA	0	0	
mORF_+_2802095	2802095	2802121	+	2	27	ATG	TAG	0	0	
mORF_+_2802167	2802167	2802178	+	2	12	GTG	TGA	0	0	
mORF_+_2802236	2802236	2802274	+	2	39	ATG	TGA	0	0	
mORF_+_2802258	2802258	2802266	+	3	9	GTG	TGA	0	0	
mORF_+_2802389	2802389	2802439	+	2	51	ATG	TGA	0	0	
mORF_+_2802452	2802452	2802541	+	2	90	TTG	TAG	0	0	
mORF_+_2802486	2802486	2802527	+	3	42	GTG	TAA	0	0	
mORF_+_2802562	2802562	2802570	+	1	9	TTG	TGA	0	0	
mORF_+_2802564	2802564	2804039	+	3	1476	GTG	TGA	20	151	pORF_+_2802564
mORF_+_2802637	2802637	2802771	+	1	135	TTG	TAG	0	0	
mORF_+_2802778	2802778	2802798	+	1	21	GTG	TAA	0	0	
mORF_+_2802791	2802791	2802811	+	2	21	TTG	TAG	0	0	

mORF_+_2802833	2802833	2802847	+	2	15	TTG	TAA	0	0	
mORF_+_2802877	2802877	2802969	+	1	93	TTG	TAA	0	0	
mORF_+_2802988	2802988	2803068	+	1	81	TTG	TGA	0	0	
mORF_+_2803069	2803069	2803095	+	1	27	TTG	TGA	0	0	
mORF_+_2803096	2803096	2803188	+	1	93	TTG	TAA	0	0	
mORF_+_2803246	2803246	2803362	+	1	117	ATG	TAG	0	0	
mORF_+_2803450	2803450	2803461	+	1	12	ATG	TAA	0	0	
mORF_+_2803489	2803489	2803698	+	1	210	TTG	TAA	0	0	
mORF_+_2803750	2803750	2803836	+	1	87	ATG	TAA	0	0	
mORF_+_2803852	2803852	2803866	+	1	15	TTG	TGA	0	0	
mORF_+_2803867	2803867	2803881	+	1	15	TTG	TAG	0	0	
mORF_+_2803888	2803888	2804013	+	1	126	ATG	TAG	0	0	
mORF_+_2804017	2804017	2804028	+	1	12	GTG	TAA	0	0	
mORF_+_2804032	2804032	2805096	+	1	1065	ATG	TAA	0	0	
mORF_+_2804052	2804052	2804129	+	3	78	GTG	TGA	0	0	
mORF_+_2804078	2804078	2804152	+	2	75	GTG	TGA	0	0	
mORF_+_2804229	2804229	2804240	+	3	12	TTG	TGA	0	0	
mORF_+_2804300	2804300	2804431	+	2	132	TTG	TGA	0	0	
mORF_+_2804432	2804432	2804473	+	2	42	TTG	TGA	0	0	
mORF_+_2804535	2804535	2804585	+	3	51	ATG	TGA	0	0	
mORF_+_2804582	2804582	2804671	+	2	90	TTG	TGA	0	0	
mORF_+_2804681	2804681	2804707	+	2	27	TTG	TGA	0	0	
mORF_+_2804744	2804744	2804848	+	2	105	TTG	TGA	0	0	
mORF_+_2804885	2804885	2804974	+	2	90	TTG	TGA	0	0	
mORF_+_2805011	2805011	2805076	+	2	66	TTG	TGA	0	0	
mORF_+_2805105	2805105	2805164	+	3	60	TTG	TAG	0	0	
mORF_+_2805112	2805112	2806146	+	1	1035	GTG	TAA	16	138	pORF_+_2805112
mORF_+_2805173	2805173	2805319	+	2	147	TTG	TAG	0	0	
mORF_+_2805359	2805359	2805406	+	2	48	TTG	TGA	0	0	
mORF_+_2805422	2805422	2805508	+	2	87	ATG	TGA	0	0	
mORF_+_2805621	2805621	2805626	+	3	6	TTG	TAA	0	0	
mORF_+_2805647	2805647	2805682	+	2	36	GTG	TGA	0	0	
mORF_+_2805821	2805821	2806120	+	2	300	ATG	TGA	0	0	
mORF_+_2806080	2806080	2806124	+	3	45	TTG	TGA	0	0	
mORF_+_2806121	2806121	2806165	+	2	45	ATG	TAA	0	0	
mORF_+_2806173	2806173	2806325	+	3	153	TTG	TGA	0	0	
mORF_+_2806192	2806192	2806206	+	1	15	GTG	TGA	0	0	
mORF_+_2806199	2806199	2806345	+	2	147	ATG	TAA	0	0	
mORF_+_2806338	2806338	2806604	+	3	267	ATG	TGA	0	0	
mORF_+_2806354	2806354	2806374	+	1	21	ATG	TGA	0	0	
mORF_+_2806489	2806489	2806572	+	1	84	TTG	TGA	0	0	
mORF_+_2806573	2806573	2806584	+	1	12	TTG	TGA	0	0	
mORF_+_2806598	2806598	2807515	+	2	918	ATG	TAA	0	0	
mORF_+_2806737	2806737	2806751	+	3	15	TTG	TGA	0	0	
mORF_+_2806788	2806788	2806850	+	3	63	TTG	TAA	0	0	
mORF_+_2806831	2806831	2806962	+	1	132	TTG	TAA	0	0	
mORF_+_2806878	2806878	2806895	+	3	18	GTG	TGA	0	0	
mORF_+_2807001	2807001	2807243	+	3	243	TTG	TGA	0	0	
mORF_+_2807200	2807200	2807295	+	1	96	ATG	TAA	0	0	
mORF_+_2807325	2807325	2807342	+	3	18	ATG	TGA	0	0	
mORF_+_2807370	2807370	2807393	+	3	24	TTG	TAA	0	0	
mORF_+_2807415	2807415	2807552	+	3	138	ATG	TAA	0	0	
mORF_+_2807422	2807422	2807466	+	1	45	TTG	TAA	0	0	
mORF_+_2807479	2807479	2807721	+	1	243	GTG	TAG	0	0	
mORF_+_2807555	2807555	2807578	+	2	24	GTG	TGA	0	0	
mORF_+_2807639	2807639	2808376	+	2	738	ATG	TGA	0	0	
mORF_+_2807712	2807712	2807753	+	3	42	TTG	TGA	0	0	
mORF_+_2807754	2807754	2807882	+	3	129	ATG	TGA	0	0	
mORF_+_2807866	2807866	2807934	+	1	69	GTG	TAG	0	0	
mORF_+_2807898	2807898	2807990	+	3	93	ATG	TGA	0	0	
mORF_+_2807974	2807974	2807997	+	1	24	GTG	TGA	0	0	
mORF_+_2807994	2807994	2808062	+	3	69	ATG	TGA	0	0	
mORF_+_2808069	2808069	2808110	+	3	42	TTG	TAA	0	0	

mORF_+_2808082	2808082	2808159	+	1	78	ATG	TGA	0	0	
mORF_+_2808156	2808156	2808170	+	3	15	TTG	TAG	0	0	
mORF_+_2808235	2808235	2808369	+	1	135	TTG	TGA	0	0	
mORF_+_2808255	2808255	2808275	+	3	21	TTG	TAA	0	0	
mORF_+_2808312	2808312	2808338	+	3	27	TTG	TAA	0	0	
mORF_+_2808366	2808366	2808701	+	3	336	ATG	TAA	0	0	
mORF_+_2808373	2808373	2808399	+	1	27	ATG	TAG	0	0	
mORF_+_2808400	2808400	2808483	+	1	84	TTG	TAG	0	0	
mORF_+_2808416	2808416	2808454	+	2	39	TTG	TAA	0	0	
mORF_+_2808502	2808502	2808555	+	1	54	TTG	TGA	0	0	
mORF_+_2808518	2808518	2808622	+	2	105	ATG	TAA	0	0	
mORF_+_2808607	2808607	2808687	+	1	81	GTG	TGA	0	0	
mORF_+_2808743	2808743	2808799	+	2	57	TTG	TAG	0	0	
mORF_+_2808792	2808792	2809322	+	3	531	ATG	TAA	26	309	pORF_+_2808792
mORF_+_2808814	2808814	2808828	+	1	15	TTG	TAA	0	0	
mORF_+_2808887	2808887	2808928	+	2	42	TTG	TAA	0	0	
mORF_+_2809025	2809025	2809072	+	2	48	TTG	TGA	0	0	
mORF_+_2809027	2809027	2809143	+	1	117	GTG	TAA	0	0	
mORF_+_2809088	2809088	2809105	+	2	18	TTG	TGA	0	0	
mORF_+_2809297	2809297	2809317	+	1	21	GTG	TGA	0	0	
mORF_+_2809364	2809364	2809429	+	2	66	ATG	TAA	0	0	
mORF_+_2809437	2809437	2810621	+	3	1185	GTG	TAA	22	83	pORF_+_2809437
mORF_+_2809459	2809459	2809491	+	1	33	ATG	TAA	0	0	
mORF_+_2809549	2809549	2809557	+	1	9	TTG	TAG	0	0	
mORF_+_2809571	2809571	2809609	+	2	39	TTG	TGA	0	0	
mORF_+_2809606	2809606	2809665	+	1	60	ATG	TGA	0	0	
mORF_+_2809693	2809693	2809698	+	1	6	TTG	TAA	0	0	
mORF_+_2809735	2809735	2809803	+	1	69	ATG	TGA	0	0	
mORF_+_2809834	2809834	2809911	+	1	78	TTG	TGA	0	0	
mORF_+_2809912	2809912	2810010	+	1	99	TTG	TGA	0	0	
mORF_+_2810122	2810122	2810178	+	1	57	ATG	TGA	0	0	
mORF_+_2810204	2810204	2810224	+	2	21	GTG	TAA	0	0	
mORF_+_2810212	2810212	2810298	+	1	87	ATG	TGA	0	0	
mORF_+_2810317	2810317	2810478	+	1	162	TTG	TGA	0	0	
mORF_+_2810497	2810497	2810541	+	1	45	GTG	TAG	0	0	
mORF_+_2810557	2810557	2810589	+	1	33	GTG	TGA	0	0	
mORF_+_2810629	2810629	2812176	+	1	1548	GTG	TAA	0	0	
mORF_+_2810633	2810633	2810638	+	2	6	GTG	TGA	0	0	
mORF_+_2810687	2810687	2810800	+	2	114	TTG	TAA	0	0	
mORF_+_2810793	2810793	2811026	+	3	234	GTG	TAA	0	0	
mORF_+_2810822	2810822	2810875	+	2	54	ATG	TGA	0	0	
mORF_+_2810903	2810903	2810944	+	2	42	TTG	TGA	0	0	
mORF_+_2810978	2810978	2810995	+	2	18	TTG	TGA	0	0	
mORF_+_2811063	2811063	2811128	+	3	66	GTG	TAA	0	0	
mORF_+_2811080	2811080	2811187	+	2	108	TTG	TGA	0	0	
mORF_+_2811212	2811212	2811382	+	2	171	GTG	TGA	0	0	
mORF_+_2811383	2811383	2811397	+	2	15	TTG	TGA	0	0	
mORF_+_2811462	2811462	2811626	+	3	165	GTG	TAA	0	0	
mORF_+_2811500	2811500	2811577	+	2	78	TTG	TAG	0	0	
mORF_+_2811668	2811668	2811784	+	2	117	ATG	TGA	0	0	
mORF_+_2811897	2811897	2811938	+	3	42	GTG	TGA	0	0	
mORF_+_2811923	2811923	2811934	+	2	12	ATG	TGA	0	0	
mORF_+_2811962	2811962	2812003	+	2	42	ATG	TGA	0	0	
mORF_+_2812028	2812028	2812057	+	2	30	TTG	TGA	0	0	
mORF_+_2812070	2812070	2812186	+	2	117	ATG	TAA	0	0	
mORF_+_2812122	2812122	2812133	+	3	12	GTG	TAA	0	0	
mORF_+_2812197	2812197	2812298	+	3	102	TTG	TGA	0	0	
mORF_+_2812220	2812220	2812225	+	2	6	TTG	TGA	0	0	
mORF_+_2812222	2812222	2812239	+	1	18	GTG	TGA	0	0	
mORF_+_2812244	2812244	2812366	+	2	123	ATG	TAA	0	0	
mORF_+_2812246	2812246	2812746	+	1	501	GTG	TAA	0	0	
mORF_+_2812367	2812367	2812381	+	2	15	GTG	TAG	0	0	
mORF_+_2812434	2812434	2812532	+	3	99	TTG	TAA	0	0	

mORF_+_2812502	2812502	2812726	+	2	225	GTG	TGA	0	0	
mORF_+_2812659	2812659	2812736	+	3	78	TTG	TGA	0	0	
mORF_+_2812733	2812733	2812759	+	2	27	GTG	TAG	0	0	
mORF_+_2812822	2812822	2812968	+	1	147	ATG	TGA	0	0	
mORF_+_2812872	2812872	2813108	+	3	237	TTG	TAA	0	0	
mORF_+_2812886	2812886	2813101	+	2	216	GTG	TAG	0	0	
mORF_+_2813068	2813068	2813175	+	1	108	TTG	TGA	0	0	
mORF_+_2813208	2813208	2813258	+	3	51	TTG	TAA	0	0	
mORF_+_2813267	2813267	2813338	+	2	72	GTG	TAA	0	0	
mORF_+_2813305	2813305	2813694	+	1	390	TTG	TAA	0	0	
mORF_+_2813342	2813342	2813404	+	2	63	GTG	TAA	0	0	
mORF_+_2813546	2813546	2813599	+	2	54	TTG	TGA	0	0	
mORF_+_2813601	2813601	2814158	+	3	558	TTG	TAA	2	18	pORF_+_2813601
mORF_+_2813651	2813651	2813662	+	2	12	ATG	TGA	0	0	
mORF_+_2813663	2813663	2813674	+	2	12	TTG	TAA	0	0	
mORF_+_2813701	2813701	2813742	+	1	42	TTG	TAG	0	0	
mORF_+_2813822	2813822	2813884	+	2	63	TTG	TGA	0	0	
mORF_+_2813881	2813881	2813901	+	1	21	ATG	TAG	0	0	
mORF_+_2813905	2813905	2813925	+	1	21	TTG	TAG	0	0	
mORF_+_2813944	2813944	2814012	+	1	69	TTG	TAG	0	0	
mORF_+_2813987	2813987	2814082	+	2	96	ATG	TAA	0	0	
mORF_+_2814025	2814025	2814048	+	1	24	ATG	TAG	0	0	
mORF_+_2814091	2814091	2814129	+	1	39	GTG	TGA	0	0	
mORF_+_2814110	2814110	2814217	+	2	108	GTG	TAA	0	0	
mORF_+_2814139	2814139	2814144	+	1	6	ATG	TAG	0	0	
mORF_+_2814184	2814184	2814198	+	1	15	TTG	TAA	0	0	
mORF_+_2814201	2814201	2814320	+	3	120	ATG	TAA	0	0	
mORF_+_2814251	2814251	2814256	+	2	6	GTG	TAA	0	0	
mORF_+_2814256	2814256	2814333	+	1	78	ATG	TGA	0	0	
mORF_+_2814269	2814269	2814289	+	2	21	ATG	TAG	0	0	
mORF_+_2814308	2814308	2814364	+	2	57	GTG	TAA	0	0	
mORF_+_2814330	2814330	2814407	+	3	78	ATG	TAA	0	0	
mORF_+_2814349	2814349	2814414	+	1	66	GTG	TGA	0	0	
mORF_+_2814417	2814417	2814446	+	3	30	ATG	TGA	0	0	
mORF_+_2814443	2814443	2814466	+	2	24	GTG	TGA	0	0	
mORF_+_2814463	2814463	2814492	+	1	30	TTG	TAA	0	0	
mORF_+_2814507	2814507	2814590	+	3	84	ATG	TAA	0	0	
mORF_+_2814518	2814518	2814703	+	2	186	ATG	TGA	0	0	
mORF_+_2814520	2814520	2814537	+	1	18	GTG	TAG	0	0	
mORF_+_2814550	2814550	2814558	+	1	9	ATG	TGA	0	0	
mORF_+_2814634	2814634	2814714	+	1	81	ATG	TAG	0	0	
mORF_+_2814741	2814741	2814797	+	3	57	TTG	TAA	0	0	
mORF_+_2814752	2814752	2814787	+	2	36	ATG	TAA	0	0	
mORF_+_2814818	2814818	2814853	+	2	36	TTG	TGA	0	0	
mORF_+_2814846	2814846	2814902	+	3	57	ATG	TAA	0	0	
mORF_+_2814869	2814869	2814910	+	2	42	TTG	TAG	0	0	
mORF_+_2814892	2814892	2815113	+	1	222	TTG	TGA	0	0	
mORF_+_2814987	2814987	2815010	+	3	24	ATG	TGA	0	0	
mORF_+_2815052	2815052	2815153	+	2	102	TTG	TAA	0	0	
mORF_+_2815086	2815086	2815118	+	3	33	GTG	TGA	0	0	
mORF_+_2815160	2815160	2815315	+	2	156	GTG	TAA	0	0	
mORF_+_2815171	2815171	2815353	+	1	183	ATG	TAA	1	3	pORF_+_2815171
mORF_+_2815182	2815182	2815340	+	3	159	ATG	TGA	0	0	
mORF_+_2815319	2815319	2815435	+	2	117	ATG	TAA	0	0	
mORF_+_2815354	2815354	2815389	+	1	36	TTG	TAA	0	0	
mORF_+_2815374	2815374	2815406	+	3	33	GTG	TGA	0	0	
mORF_+_2815457	2815457	2815504	+	2	48	GTG	TAA	0	0	
mORF_+_2815480	2815480	2815563	+	1	84	TTG	TAG	0	0	
mORF_+_2815482	2815482	2815514	+	3	33	GTG	TAA	0	0	
mORF_+_2815524	2815524	2815568	+	3	45	ATG	TAA	0	0	
mORF_+_2815569	2815569	2815622	+	3	54	TTG	TAA	0	0	
mORF_+_2815573	2815573	2815635	+	1	63	TTG	TAG	0	0	
mORF_+_2815638	2815638	2815652	+	3	15	ATG	TGA	0	0	

mORF_+_2815649	2815649	2816020	+	2	372	TTG	TAG	0	0	
mORF_+_2815663	2815663	2815692	+	1	30	TTG	TGA	0	0	
mORF_+_2815689	2815689	2815700	+	3	12	ATG	TGA	0	0	
mORF_+_2815719	2815719	2815790	+	3	72	TTG	TGA	0	0	
mORF_+_2815879	2815879	2815908	+	1	30	ATG	TGA	0	0	
mORF_+_2815911	2815911	2816000	+	3	90	TTG	TAA	0	0	
mORF_+_2815945	2815945	2816415	+	1	471	ATG	TAA	0	0	
mORF_+_2816154	2816154	2816264	+	3	111	ATG	TAG	0	0	
mORF_+_2816219	2816219	2816329	+	2	111	ATG	TGA	0	0	
mORF_+_2816360	2816360	2816539	+	2	180	ATG	TAG	0	0	
mORF_+_2816409	2816409	2816480	+	3	72	TTG	TGA	0	0	
mORF_+_2816494	2816494	2816583	+	1	90	ATG	TGA	0	0	
mORF_+_2816568	2816568	2816864	+	3	297	ATG	TAG	0	0	
mORF_+_2816683	2816683	2816805	+	1	123	GTG	TAG	0	0	
mORF_+_2816783	2816783	2816812	+	2	30	TTG	TAA	0	0	
mORF_+_2816827	2816827	2816910	+	1	84	GTG	TAA	0	0	
mORF_+_2816846	2816846	2816857	+	2	12	ATG	TGA	0	0	
mORF_+_2816870	2816870	2816896	+	2	27	ATG	TGA	0	0	
mORF_+_2816880	2816880	2816891	+	3	12	ATG	TAA	0	0	
mORF_+_2816897	2816897	2816926	+	2	30	ATG	TAG	0	0	
mORF_+_2816928	2816928	2816945	+	3	18	GTG	TGA	0	0	
mORF_+_2816942	2816942	2816986	+	2	45	TTG	TAG	0	0	
mORF_+_2816967	2816967	2817116	+	3	150	ATG	TGA	0	0	
mORF_+_2817040	2817040	2817102	+	1	63	GTG	TAA	0	0	
mORF_+_2817086	2817086	2817190	+	2	105	TTG	TAA	0	0	
mORF_+_2817172	2817172	2817246	+	1	75	TTG	TAA	0	0	
mORF_+_2817250	2817250	2817297	+	1	48	ATG	TAA	0	0	
mORF_+_2817278	2817278	2817394	+	2	117	ATG	TGA	0	0	
mORF_+_2817342	2817342	2817371	+	3	30	TTG	TGA	0	0	
mORF_+_2817387	2817387	2817422	+	3	36	TTG	TGA	0	0	
mORF_+_2817406	2817406	2817444	+	1	39	TTG	TAA	0	0	
mORF_+_2817481	2817481	2817657	+	1	177	TTG	TAA	0	0	
mORF_+_2817488	2817488	2817526	+	2	39	ATG	TGA	0	0	
mORF_+_2817566	2817566	2817649	+	2	84	GTG	TGA	0	0	
mORF_+_2817618	2817618	2817632	+	3	15	TTG	TAA	0	0	
mORF_+_2817633	2817633	2817701	+	3	69	TTG	TAA	0	0	
mORF_+_2817668	2817668	2817814	+	2	147	ATG	TGA	0	0	
mORF_+_2817738	2817738	2817788	+	3	51	TTG	TAA	0	0	
mORF_+_2817778	2817778	2817798	+	1	21	TTG	TAA	0	0	
mORF_+_2817857	2817857	2817913	+	2	57	TTG	TGA	0	0	
mORF_+_2817877	2817877	2817894	+	1	18	ATG	TAA	0	0	
mORF_+_2817910	2817910	2818239	+	1	330	ATG	TGA	1	9	pORF_+_2817910
mORF_+_2817917	2817917	2818027	+	2	111	GTG	TGA	0	0	
mORF_+_2818061	2818061	2818294	+	2	234	ATG	TGA	0	0	
mORF_+_2818179	2818179	2818268	+	3	90	GTG	TAA	0	0	
mORF_+_2818272	2818272	2818490	+	3	219	GTG	TAG	0	0	
mORF_+_2818291	2818291	2820120	+	1	1830	ATG	TAA	0	0	
mORF_+_2818433	2818433	2818438	+	2	6	ATG	TGA	0	0	
mORF_+_2818542	2818542	2818586	+	3	45	ATG	TGA	0	0	
mORF_+_2818583	2818583	2818654	+	2	72	TTG	TAG	0	0	
mORF_+_2818668	2818668	2818781	+	3	114	ATG	TGA	0	0	
mORF_+_2818694	2818694	2818699	+	2	6	TTG	TAA	0	0	
mORF_+_2818778	2818778	2818831	+	2	54	TTG	TAG	0	0	
mORF_+_2818832	2818832	2819041	+	2	210	GTG	TAG	0	0	
mORF_+_2818884	2818884	2819012	+	3	129	TTG	TAA	0	0	
mORF_+_2819093	2819093	2819113	+	2	21	ATG	TAA	0	0	
mORF_+_2819126	2819126	2819272	+	2	147	TTG	TAG	0	0	
mORF_+_2819214	2819214	2819225	+	3	12	TTG	TGA	0	0	
mORF_+_2819357	2819357	2819413	+	2	57	GTG	TAG	0	0	
mORF_+_2819456	2819456	2819470	+	2	15	ATG	TGA	0	0	
mORF_+_2819486	2819486	2819617	+	2	132	GTG	TAG	0	0	
mORF_+_2819535	2819535	2819573	+	3	39	ATG	TAA	0	0	
mORF_+_2819700	2819700	2819726	+	3	27	ATG	TGA	0	0	

mORF_+_2819711	2819711	2819731	+	2	21	ATG	TAG	0	0
mORF_+_2819747	2819747	2819776	+	2	30	TTG	TGA	0	0
mORF_+_2819783	2819783	2819788	+	2	6	GTG	TAA	0	0
mORF_+_2819807	2819807	2819860	+	2	54	TTG	TAA	0	0
mORF_+_2819867	2819867	2819971	+	2	105	TTG	TGA	0	0
mORF_+_2819928	2819928	2820035	+	3	108	TTG	TAA	0	0
mORF_+_2820020	2820020	2820055	+	2	36	GTG	TAA	0	0
mORF_+_2820080	2820080	2820088	+	2	9	GTG	TAA	0	0
mORF_+_2820111	2820111	2820125	+	3	15	GTG	TAA	0	0
mORF_+_2820132	2820132	2820146	+	3	15	TTG	TAA	0	0
mORF_+_2820155	2820155	2820250	+	2	96	ATG	TGA	0	0
mORF_+_2820259	2820259	2820429	+	1	171	TTG	TAA	0	0
mORF_+_2820318	2820318	2820371	+	3	54	ATG	TGA	0	0
mORF_+_2820408	2820408	2820461	+	3	54	TTG	TAG	0	0
mORF_+_2820464	2820464	2820652	+	2	189	ATG	TGA	0	0
mORF_+_2820534	2820534	2820584	+	3	51	TTG	TGA	0	0
mORF_+_2820547	2820547	2820681	+	1	135	GTG	TAA	0	0
mORF_+_2820600	2820600	2820746	+	3	147	ATG	TAG	0	0
mORF_+_2820701	2820701	2820733	+	2	33	ATG	TAA	0	0
mORF_+_2820712	2820712	2820792	+	1	81	GTG	TGA	0	0
mORF_+_2820789	2820789	2820986	+	3	198	TTG	TGA	0	0
mORF_+_2820800	2820800	2820892	+	2	93	TTG	TGA	0	0
mORF_+_2820908	2820908	2820913	+	2	6	TTG	TAG	0	0
mORF_+_2820983	2820983	2821000	+	2	18	TTG	TAG	0	0
mORF_+_2821040	2821040	2821138	+	2	99	TTG	TAG	0	0
mORF_+_2821163	2821163	2821303	+	2	141	GTG	TGA	0	0
mORF_+_2821284	2821284	2821370	+	3	87	GTG	TAA	0	0
mORF_+_2821300	2821300	2821653	+	1	354	GTG	TGA	0	0
mORF_+_2821413	2821413	2821514	+	3	102	GTG	TAA	0	0
mORF_+_2821427	2821427	2821483	+	2	57	GTG	TAG	0	0
mORF_+_2821568	2821568	2821597	+	2	30	GTG	TAG	0	0
mORF_+_2821650	2821650	2821667	+	3	18	GTG	TAG	0	0
mORF_+_2821670	2821670	2821825	+	2	156	ATG	TAG	0	0
mORF_+_2821729	2821729	2821815	+	1	87	TTG	TAA	0	0
mORF_+_2821749	2821749	2821787	+	3	39	GTG	TAG	0	0
mORF_+_2821831	2821831	2821842	+	1	12	ATG	TGA	0	0
mORF_+_2821839	2821839	2821928	+	3	90	TTG	TGA	0	0
mORF_+_2821880	2821880	2821885	+	2	6	TTG	TAG	0	0
mORF_+_2821889	2821889	2822344	+	2	456	TTG	TAA	0	0
mORF_+_2821909	2821909	2821923	+	1	15	ATG	TAG	0	0
mORF_+_2821974	2821974	2822078	+	3	105	ATG	TAA	0	0
mORF_+_2822098	2822098	2822208	+	1	111	GTG	TGA	0	0
mORF_+_2822187	2822187	2822204	+	3	18	TTG	TAG	0	0
mORF_+_2822205	2822205	2822477	+	3	273	GTG	TAG	0	0
mORF_+_2822293	2822293	2822409	+	1	117	TTG	TAG	0	0
mORF_+_2822426	2822426	2822473	+	2	48	ATG	TGA	0	0
mORF_+_2822503	2822503	2822508	+	1	6	TTG	TAA	0	0
mORF_+_2822540	2822540	2822548	+	2	9	TTG	TAA	0	0
mORF_+_2822563	2822563	2822595	+	1	33	TTG	TGA	0	0
mORF_+_2822570	2822570	2822701	+	2	132	ATG	TAA	0	0
mORF_+_2822574	2822574	2822588	+	3	15	GTG	TAA	0	0
mORF_+_2822592	2822592	2822603	+	3	12	GTG	TAG	0	0
mORF_+_2822637	2822637	2822672	+	3	36	GTG	TGA	0	0
mORF_+_2822676	2822676	2822768	+	3	93	TTG	TGA	0	0
mORF_+_2822692	2822692	2822736	+	1	45	GTG	TAG	0	0
mORF_+_2822749	2822749	2822820	+	1	72	TTG	TGA	0	0
mORF_+_2822810	2822810	2823055	+	2	246	GTG	TGA	0	0
mORF_+_2822817	2822817	2822825	+	3	9	TTG	TAG	0	0
mORF_+_2822865	2822865	2822909	+	3	45	TTG	TAA	0	0
mORF_+_2822964	2822964	2823047	+	3	84	TTG	TAG	0	0
mORF_+_2823040	2823040	2823051	+	1	12	GTG	TAA	0	0
mORF_+_2823052	2823052	2823126	+	1	75	ATG	TAA	0	0
mORF_+_2823078	2823078	2823194	+	3	117	ATG	TGA	0	0

mORF_+_2823222	2823222	2823251	+	3	30	TTG	TAA	0	0	
mORF_+_2823259	2823259	2823411	+	1	153	ATG	TGA	0	0	
mORF_+_2823294	2823294	2823374	+	3	81	GTG	TGA	0	0	
mORF_+_2823386	2823386	2823613	+	2	228	GTG	TAA	0	0	
mORF_+_2823390	2823390	2823584	+	3	195	TTG	TAA	0	0	
mORF_+_2823529	2823529	2823594	+	1	66	TTG	TGA	0	0	
mORF_+_2823591	2823591	2823641	+	3	51	TTG	TAA	0	0	
mORF_+_2823635	2823635	2823745	+	2	111	ATG	TAA	0	0	
mORF_+_2823763	2823763	2823777	+	1	15	TTG	TAA	0	0	
mORF_+_2823811	2823811	2823960	+	1	150	TTG	TAG	0	0	
mORF_+_2823818	2823818	2823835	+	2	18	TTG	TAA	0	0	
mORF_+_2823854	2823854	2824417	+	2	564	ATG	TGA	1	2	pORF_+_2823854
mORF_+_2823873	2823873	2823935	+	3	63	ATG	TGA	0	0	
mORF_+_2824011	2824011	2824103	+	3	93	TTG	TGA	0	0	
mORF_+_2824030	2824030	2824041	+	1	12	TTG	TAA	0	0	
mORF_+_2824069	2824069	2824170	+	1	102	GTG	TAG	0	0	
mORF_+_2824185	2824185	2824250	+	3	66	ATG	TGA	0	0	
mORF_+_2824269	2824269	2824286	+	3	18	TTG	TGA	0	0	
mORF_+_2824299	2824299	2824334	+	3	36	TTG	TGA	0	0	
mORF_+_2824356	2824356	2824466	+	3	111	TTG	TGA	0	0	
mORF_+_2824414	2824414	2825373	+	1	960	ATG	TAG	0	0	
mORF_+_2824445	2824445	2824471	+	2	27	GTG	TGA	0	0	
mORF_+_2824526	2824526	2824618	+	2	93	TTG	TAA	0	0	
mORF_+_2824625	2824625	2824750	+	2	126	GTG	TAA	0	0	
mORF_+_2824775	2824775	2824936	+	2	162	GTG	TAA	0	0	
mORF_+_2824976	2824976	2825143	+	2	168	TTG	TGA	0	0	
mORF_+_2825144	2825144	2825305	+	2	162	TTG	TGA	0	0	
mORF_+_2825348	2825348	2825380	+	2	33	TTG	TGA	0	0	
mORF_+_2825384	2825384	2825755	+	2	372	ATG	TAA	0	0	
mORF_+_2825427	2825427	2825528	+	3	102	GTG	TGA	0	0	
mORF_+_2825500	2825500	2825739	+	1	240	TTG	TGA	0	0	
mORF_+_2825532	2825532	2825585	+	3	54	GTG	TGA	0	0	
mORF_+_2825592	2825592	2825657	+	3	66	TTG	TAA	0	0	
mORF_+_2825685	2825685	2825732	+	3	48	ATG	TGA	0	0	
mORF_+_2825736	2825736	2825762	+	3	27	TTG	TGA	0	0	
mORF_+_2825759	2825759	2826538	+	2	780	ATG	TGA	0	0	
mORF_+_2825769	2825769	2825801	+	3	33	TTG	TAG	0	0	
mORF_+_2825812	2825812	2825898	+	1	87	GTG	TAA	0	0	
mORF_+_2825850	2825850	2825984	+	3	135	TTG	TAG	0	0	
mORF_+_2825985	2825985	2826032	+	3	48	ATG	TAG	0	0	
mORF_+_2826072	2826072	2826092	+	3	21	TTG	TGA	0	0	
mORF_+_2826112	2826112	2826123	+	1	12	GTG	TGA	0	0	
mORF_+_2826114	2826114	2826137	+	3	24	GTG	TGA	0	0	
mORF_+_2826234	2826234	2826251	+	3	18	TTG	TGA	0	0	
mORF_+_2826444	2826444	2826452	+	3	9	ATG	TGA	0	0	
mORF_+_2826510	2826510	2826530	+	3	21	ATG	TGA	0	0	
mORF_+_2826568	2826568	2826579	+	1	12	GTG	TAG	0	0	
mORF_+_2826581	2826581	2826700	+	2	120	ATG	TAG	0	0	
mORF_+_2826588	2826588	2826725	+	3	138	ATG	TAA	0	0	
mORF_+_2826643	2826643	2827002	+	1	360	ATG	TAA	0	0	
mORF_+_2826728	2826728	2826856	+	2	129	GTG	TGA	0	0	
mORF_+_2826744	2826744	2826791	+	3	48	ATG	TAA	0	0	
mORF_+_2826911	2826911	2826937	+	2	27	ATG	TGA	0	0	
mORF_+_2826947	2826947	2826991	+	2	45	ATG	TGA	0	0	
mORF_+_2826995	2826995	2827051	+	2	57	GTG	TAA	0	0	
mORF_+_2827008	2827008	2827013	+	3	6	TTG	TGA	0	0	
mORF_+_2827014	2827014	2827124	+	3	111	ATG	TAA	0	0	
mORF_+_2827021	2827021	2827044	+	1	24	TTG	TGA	0	0	
mORF_+_2827069	2827069	2827842	+	1	774	ATG	TGA	1	4	pORF_+_2827069
mORF_+_2827125	2827125	2827136	+	3	12	ATG	TGA	0	0	
mORF_+_2827133	2827133	2827243	+	2	111	TTG	TGA	0	0	
mORF_+_2827310	2827310	2827423	+	2	114	TTG	TGA	0	0	
mORF_+_2827448	2827448	2827486	+	2	39	ATG	TGA	0	0	

mORF_+_2827544	2827544	2827615	+	2	72	ATG	TAA	0	0	
mORF_+_2827653	2827653	2827709	+	3	57	GTG	TAA	0	0	
mORF_+_2827658	2827658	2827675	+	2	18	ATG	TGA	0	0	
mORF_+_2827700	2827700	2827723	+	2	24	TTG	TAG	0	0	
mORF_+_2827725	2827725	2827736	+	3	12	TTG	TGA	0	0	
mORF_+_2827733	2827733	2827753	+	2	21	TTG	TGA	0	0	
mORF_+_2827811	2827811	2827816	+	2	6	ATG	TGA	0	0	
mORF_+_2827835	2827835	2828800	+	2	966	ATG	TAA	8	22	pORF_+_2827835
mORF_+_2827839	2827839	2827853	+	3	15	GTG	TGA	0	0	
mORF_+_2827920	2827920	2828093	+	3	174	ATG	TGA	0	0	
mORF_+_2828106	2828106	2828111	+	3	6	ATG	TGA	0	0	
mORF_+_2828133	2828133	2828156	+	3	24	GTG	TGA	0	0	
mORF_+_2828286	2828286	2828318	+	3	33	TTG	TGA	0	0	
mORF_+_2828325	2828325	2828423	+	3	99	GTG	TGA	0	0	
mORF_+_2828448	2828448	2828477	+	3	30	GTG	TAA	0	0	
mORF_+_2828493	2828493	2828642	+	3	150	ATG	TGA	0	0	
mORF_+_2828539	2828539	2828544	+	1	6	ATG	TGA	0	0	
mORF_+_2828736	2828736	2828765	+	3	30	ATG	TAA	0	0	
mORF_+_2828830	2828830	2829132	+	1	303	ATG	TAA	0	0	
mORF_+_2828837	2828837	2828884	+	2	48	TTG	TGA	0	0	
mORF_+_2828892	2828892	2828912	+	3	21	GTG	TAG	0	0	
mORF_+_2829050	2829050	2829079	+	2	30	GTG	TGA	0	0	
mORF_+_2829215	2829215	2829277	+	2	63	ATG	TGA	0	0	
mORF_+_2829255	2829255	2829332	+	3	78	GTG	TAG	0	0	
mORF_+_2829274	2829274	2829321	+	1	48	ATG	TAA	0	0	
mORF_+_2829419	2829419	2829592	+	2	174	TTG	TAG	0	0	
mORF_+_2829429	2829429	2829509	+	3	81	ATG	TGA	0	0	
mORF_+_2829535	2829535	2829843	+	1	309	ATG	TAA	0	0	
mORF_+_2829573	2829573	2829587	+	3	15	GTG	TGA	0	0	
mORF_+_2829612	2829612	2829674	+	3	63	GTG	TGA	0	0	
mORF_+_2829683	2829683	2829904	+	2	222	TTG	TGA	0	0	
mORF_+_2829930	2829930	2830160	+	3	231	GTG	TAA	0	0	
mORF_+_2829946	2829946	2830182	+	1	237	TTG	TAG	0	0	
mORF_+_2830145	2830145	2830177	+	2	33	ATG	TAA	0	0	
mORF_+_2830220	2830220	2830237	+	2	18	GTG	TGA	0	0	
mORF_+_2830249	2830249	2830362	+	1	114	GTG	TGA	0	0	
mORF_+_2830274	2830274	2830333	+	2	60	ATG	TGA	0	0	
mORF_+_2830314	2830314	2830415	+	3	102	TTG	TAA	0	0	
mORF_+_2830343	2830343	2830366	+	2	24	TTG	TGA	0	0	
mORF_+_2830363	2830363	2830389	+	1	27	TTG	TAA	0	0	
mORF_+_2830487	2830487	2830513	+	2	27	TTG	TGA	0	0	
mORF_+_2830498	2830498	2831937	+	1	1440	ATG	TGA	0	0	
mORF_+_2830527	2830527	2830544	+	3	18	TTG	TGA	0	0	
mORF_+_2830532	2830532	2830639	+	2	108	TTG	TGA	0	0	
mORF_+_2830673	2830673	2830726	+	2	54	TTG	TGA	0	0	
mORF_+_2830733	2830733	2830762	+	2	30	ATG	TGA	0	0	
mORF_+_2830829	2830829	2830870	+	2	42	ATG	TGA	0	0	
mORF_+_2830851	2830851	2830862	+	3	12	GTG	TAA	0	0	
mORF_+_2830916	2830916	2830954	+	2	39	TTG	TGA	0	0	
mORF_+_2830994	2830994	2831095	+	2	102	ATG	TGA	0	0	
mORF_+_2831067	2831067	2831147	+	3	81	GTG	TAA	0	0	
mORF_+_2831187	2831187	2831198	+	3	12	ATG	TAA	0	0	
mORF_+_2831210	2831210	2831227	+	2	18	TTG	TGA	0	0	
mORF_+_2831229	2831229	2831240	+	3	12	ATG	TGA	0	0	
mORF_+_2831324	2831324	2831353	+	2	30	TTG	TGA	0	0	
mORF_+_2831399	2831399	2831443	+	2	45	ATG	TGA	0	0	
mORF_+_2831519	2831519	2831611	+	2	93	GTG	TGA	0	0	
mORF_+_2831619	2831619	2831657	+	3	39	ATG	TGA	0	0	
mORF_+_2831654	2831654	2831716	+	2	63	GTG	TGA	0	0	
mORF_+_2831682	2831682	2831729	+	3	48	GTG	TAA	0	0	
mORF_+_2831778	2831778	2831858	+	3	81	GTG	TGA	0	0	
mORF_+_2831834	2831834	2831941	+	2	108	TTG	TAA	0	0	
mORF_+_2831886	2831886	2831912	+	3	27	ATG	TGA	0	0	

mORF_+_2831934	2831934	2833067	+	3	1134	ATG	TAG	0	0	
mORF_+_2831947	2831947	2831952	+	1	6	TTG	TGA	0	0	
mORF_+_2832031	2832031	2832177	+	1	147	TTG	TGA	0	0	
mORF_+_2832187	2832187	2832207	+	1	21	ATG	TGA	0	0	
mORF_+_2832224	2832224	2832292	+	2	69	GTG	TGA	0	0	
mORF_+_2832256	2832256	2832297	+	1	42	GTG	TAA	0	0	
mORF_+_2832334	2832334	2832369	+	1	36	GTG	TGA	0	0	
mORF_+_2832370	2832370	2832387	+	1	18	TTG	TGA	0	0	
mORF_+_2832388	2832388	2832441	+	1	54	TTG	TAA	0	0	
mORF_+_2832413	2832413	2832688	+	2	276	TTG	TAA	0	0	
mORF_+_2832619	2832619	2832627	+	1	9	ATG	TAA	0	0	
mORF_+_2832628	2832628	2832681	+	1	54	TTG	TGA	0	0	
mORF_+_2832698	2832698	2832709	+	2	12	TTG	TAG	0	0	
mORF_+_2832752	2832752	2832766	+	2	15	TTG	TAA	0	0	
mORF_+_2832979	2832979	2833029	+	1	51	TTG	TGA	0	0	
mORF_+_2833039	2833039	2833050	+	1	12	TTG	TGA	0	0	
mORF_+_2833068	2833068	2833085	+	3	18	GTG	TAA	0	0	
mORF_+_2833078	2833078	2833140	+	1	63	GTG	TAG	0	0	
mORF_+_2833094	2833094	2833318	+	2	225	ATG	TAA	0	0	
mORF_+_2833183	2833183	2833221	+	1	39	ATG	TAA	0	0	
mORF_+_2833287	2833287	2833304	+	3	18	GTG	TGA	0	0	
mORF_+_2833318	2833318	2833566	+	1	249	ATG	TGA	1	6	pORF_+_2833318
mORF_+_2833329	2833329	2833355	+	3	27	GTG	TAA	0	0	
mORF_+_2833379	2833379	2833444	+	2	66	GTG	TGA	0	0	
mORF_+_2833470	2833470	2833691	+	3	222	GTG	TAA	0	0	
mORF_+_2833502	2833502	2833519	+	2	18	GTG	TGA	0	0	
mORF_+_2833520	2833520	2833609	+	2	90	TTG	TAA	0	0	
mORF_+_2833616	2833616	2833759	+	2	144	GTG	TAA	0	0	
mORF_+_2833729	2833729	2834145	+	1	417	TTG	TAA	0	0	
mORF_+_2833743	2833743	2833961	+	3	219	TTG	TGA	0	0	
mORF_+_2833958	2833958	2833987	+	2	30	ATG	TGA	0	0	
mORF_+_2834126	2834126	2834200	+	2	75	ATG	TGA	0	0	
mORF_+_2834194	2834194	2834517	+	1	324	ATG	TAA	0	0	
mORF_+_2834384	2834384	2834776	+	2	393	ATG	TGA	0	0	
mORF_+_2834460	2834460	2834567	+	3	108	GTG	TAA	0	0	
mORF_+_2834524	2834524	2834670	+	1	147	ATG	TAA	0	0	
mORF_+_2834716	2834716	2834820	+	1	105	ATG	TAA	0	0	
mORF_+_2834733	2834733	2834795	+	3	63	GTG	TGA	0	0	
mORF_+_2834792	2834792	2834872	+	2	81	TTG	TGA	0	0	
mORF_+_2834823	2834823	2834831	+	3	9	GTG	TAG	0	0	
mORF_+_2834841	2834841	2834999	+	3	159	ATG	TAA	0	0	
mORF_+_2834851	2834851	2834976	+	1	126	TTG	TAG	0	0	
mORF_+_2834957	2834957	2835013	+	2	57	TTG	TAA	0	0	
mORF_+_2835017	2835017	2835073	+	2	57	ATG	TAA	0	0	
mORF_+_2835049	2835049	2835204	+	1	156	GTG	TGA	0	0	
mORF_+_2835155	2835155	2835262	+	2	108	ATG	TGA	0	0	
mORF_+_2835201	2835201	2835212	+	3	12	GTG	TAA	0	0	
mORF_+_2835256	2835256	2835351	+	1	96	GTG	TAA	0	0	
mORF_+_2835352	2835352	2835450	+	1	99	TTG	TGA	0	0	
mORF_+_2835357	2835357	2835575	+	3	219	GTG	TGA	0	0	
mORF_+_2835401	2835401	2835469	+	2	69	TTG	TGA	0	0	
mORF_+_2835466	2835466	2835594	+	1	129	ATG	TAA	0	0	
mORF_+_2835572	2835572	2835904	+	2	333	TTG	TGA	0	0	
mORF_+_2835642	2835642	2836007	+	3	366	TTG	TAA	1	3	pORF_+_2835642
mORF_+_2835724	2835724	2835882	+	1	159	TTG	TGA	0	0	
mORF_+_2835935	2835935	2835988	+	2	54	GTG	TAA	0	0	
mORF_+_2835967	2835967	2836041	+	1	75	GTG	TGA	0	0	
mORF_+_2836028	2836028	2836114	+	2	87	ATG	TGA	0	0	
mORF_+_2836050	2836050	2836145	+	3	96	ATG	TGA	0	0	
mORF_+_2836111	2836111	2836152	+	1	42	ATG	TAA	0	0	
mORF_+_2836142	2836142	2836390	+	2	249	ATG	TGA	0	0	
mORF_+_2836152	2836152	2836250	+	3	99	ATG	TAG	0	0	
mORF_+_2836261	2836261	2836266	+	1	6	ATG	TGA	0	0	

mORF_+_2836263	2836263	2836295	+	3	33	GTG	TGA	0	0
mORF_+_2836296	2836296	2836325	+	3	30	GTG	TGA	0	0
mORF_+_2836338	2836338	2836364	+	3	27	GTG	TAA	0	0
mORF_+_2836436	2836436	2836441	+	2	6	GTG	TAG	0	0
mORF_+_2836507	2836507	2836512	+	1	6	GTG	TAA	0	0
mORF_+_2836649	2836649	2836750	+	2	102	TTG	TGA	0	0
mORF_+_2836663	2836663	2836905	+	1	243	ATG	TAA	0	0
mORF_+_2836829	2836829	2836864	+	2	36	TTG	TGA	0	0
mORF_+_2836877	2836877	2836918	+	2	42	ATG	TAA	0	0
mORF_+_2836922	2836922	2836957	+	2	36	ATG	TGA	0	0
mORF_+_2836984	2836984	2837004	+	1	21	GTG	TAG	0	0
mORF_+_2837041	2837041	2837052	+	1	12	ATG	TAA	0	0
mORF_+_2837066	2837066	2837077	+	2	12	ATG	TAA	0	0
mORF_+_2837071	2837071	2837220	+	1	150	GTG	TGA	0	0
mORF_+_2837081	2837081	2837110	+	2	30	GTG	TGA	0	0
mORF_+_2837129	2837129	2837155	+	2	27	TTG	TAA	0	0
mORF_+_2837145	2837145	2837192	+	3	48	TTG	TAG	0	0
mORF_+_2837244	2837244	2837426	+	3	183	TTG	TAG	0	0
mORF_+_2837318	2837318	2837401	+	2	84	GTG	TGA	0	0
mORF_+_2837332	2837332	2837376	+	1	45	TTG	TGA	0	0
mORF_+_2837398	2837398	2837442	+	1	45	ATG	TGA	0	0
mORF_+_2837426	2837426	2837464	+	2	39	GTG	TAA	0	0
mORF_+_2837439	2837439	2837450	+	3	12	ATG	TGA	0	0
mORF_+_2837546	2837546	2839003	+	2	1458	ATG	TGA	0	0
mORF_+_2837559	2837559	2837582	+	3	24	ATG	TGA	0	0
mORF_+_2837601	2837601	2837633	+	3	33	TTG	TGA	0	0
mORF_+_2837646	2837646	2837687	+	3	42	TTG	TAA	0	0
mORF_+_2837721	2837721	2837741	+	3	21	GTG	TGA	0	0
mORF_+_2837731	2837731	2837826	+	1	96	GTG	TAA	0	0
mORF_+_2837850	2837850	2837876	+	3	27	TTG	TGA	0	0
mORF_+_2837997	2837997	2838002	+	3	6	ATG	TGA	0	0
mORF_+_2838003	2838003	2838035	+	3	33	TTG	TGA	0	0
mORF_+_2838087	2838087	2838131	+	3	45	TTG	TGA	0	0
mORF_+_2838150	2838150	2838173	+	3	24	GTG	TGA	0	0
mORF_+_2838232	2838232	2838372	+	1	141	GTG	TAG	0	0
mORF_+_2838309	2838309	2838317	+	3	9	TTG	TGA	0	0
mORF_+_2838318	2838318	2838344	+	3	27	TTG	TGA	0	0
mORF_+_2838345	2838345	2838461	+	3	117	TTG	TAA	0	0
mORF_+_2838445	2838445	2838558	+	1	114	GTG	TAA	0	0
mORF_+_2838507	2838507	2838701	+	3	195	TTG	TGA	0	0
mORF_+_2838592	2838592	2838915	+	1	324	GTG	TGA	0	0
mORF_+_2838750	2838750	2838839	+	3	90	TTG	TGA	0	0
mORF_+_2838912	2838912	2838992	+	3	81	TTG	TAA	0	0
mORF_+_2839000	2839000	2840436	+	1	1437	TTG	TAG	0	0
mORF_+_2839038	2839038	2839070	+	3	33	ATG	TGA	0	0
mORF_+_2839052	2839052	2839102	+	2	51	TTG	TGA	0	0
mORF_+_2839181	2839181	2839249	+	2	69	ATG	TGA	0	0
mORF_+_2839286	2839286	2839528	+	2	243	TTG	TGA	0	0
mORF_+_2839371	2839371	2839376	+	3	6	GTG	TAA	0	0
mORF_+_2839407	2839407	2839460	+	3	54	GTG	TAA	0	0
mORF_+_2839547	2839547	2839627	+	2	81	ATG	TGA	0	0
mORF_+_2839655	2839655	2839669	+	2	15	TTG	TAG	0	0
mORF_+_2839685	2839685	2839873	+	2	189	ATG	TAA	0	0
mORF_+_2839749	2839749	2839898	+	3	150	TTG	TGA	0	0
mORF_+_2839895	2839895	2839909	+	2	15	ATG	TGA	0	0
mORF_+_2839925	2839925	2839972	+	2	48	TTG	TGA	0	0
mORF_+_2839988	2839988	2840005	+	2	18	GTG	TGA	0	0
mORF_+_2840054	2840054	2840083	+	2	30	TTG	TGA	0	0
mORF_+_2840147	2840147	2840251	+	2	105	ATG	TGA	0	0
mORF_+_2840265	2840265	2840279	+	3	15	ATG	TGA	0	0
mORF_+_2840276	2840276	2840284	+	2	9	TTG	TAG	0	0
mORF_+_2840300	2840300	2840308	+	2	9	GTG	TGA	0	0
mORF_+_2840324	2840324	2840365	+	2	42	TTG	TGA	0	0

mORF_+_2840391	2840391	2840399	+	3	9	GTG	TAA	0	0
mORF_+_2840408	2840408	2840431	+	2	24	TTG	TAG	0	0
mORF_+_2840443	2840443	2840460	+	1	18	GTG	TGA	0	0
mORF_+_2840450	2840450	2840530	+	2	81	ATG	TAG	0	0
mORF_+_2840457	2840457	2840507	+	3	51	GTG	TAA	0	0
mORF_+_2840479	2840479	2840496	+	1	18	ATG	TGA	0	0
mORF_+_2840534	2840534	2840587	+	2	54	TTG	TAA	0	0
mORF_+_2840587	2840587	2840658	+	1	72	ATG	TGA	0	0
mORF_+_2840655	2840655	2840864	+	3	210	TTG	TAG	0	0
mORF_+_2840728	2840728	2840781	+	1	54	ATG	TAA	0	0
mORF_+_2840791	2840791	2841126	+	1	336	ATG	TAA	0	0
mORF_+_2840897	2840897	2840920	+	2	24	GTG	TAG	0	0
mORF_+_2840939	2840939	2841088	+	2	150	GTG	TAG	0	0
mORF_+_2841089	2841089	2841103	+	2	15	ATG	TGA	0	0
mORF_+_2841132	2841132	2841212	+	3	81	TTG	TAA	0	0
mORF_+_2841160	2841160	2841495	+	1	336	TTG	TGA	0	0
mORF_+_2841188	2841188	2841361	+	2	174	TTG	TGA	0	0
mORF_+_2841294	2841294	2841323	+	3	30	ATG	TGA	0	0
mORF_+_2841407	2841407	2841445	+	2	39	GTG	TGA	0	0
mORF_+_2841492	2841492	2841578	+	3	87	ATG	TAA	0	0
mORF_+_2841551	2841551	2841586	+	2	36	GTG	TAA	0	0
mORF_+_2841635	2841635	2841970	+	2	336	GTG	TGA	0	0
mORF_+_2841681	2841681	2841989	+	3	309	ATG	TAA	0	0
mORF_+_2841778	2841778	2841813	+	1	36	GTG	TAA	0	0
mORF_+_2841967	2841967	2842002	+	1	36	GTG	TGA	0	0
mORF_+_2841999	2841999	2842010	+	3	12	ATG	TGA	0	0
mORF_+_2842007	2842007	2842024	+	2	18	GTG	TAA	0	0
mORF_+_2842024	2842024	2842113	+	1	90	ATG	TAA	0	0
mORF_+_2842129	2842129	2842365	+	1	237	TTG	TAA	0	0
mORF_+_2842236	2842236	2842382	+	3	147	ATG	TAG	0	0
mORF_+_2842250	2842250	2842612	+	2	363	ATG	TAA	0	0
mORF_+_2842413	2842413	2842724	+	3	312	TTG	TAA	0	0
mORF_+_2842618	2842618	2842635	+	1	18	TTG	TGA	0	0
mORF_+_2842737	2842737	2842820	+	3	84	GTG	TAA	0	0
mORF_+_2842833	2842833	2842901	+	3	69	TTG	TAG	0	0
mORF_+_2842944	2842944	2842964	+	3	21	GTG	TAG	0	0
mORF_+_2843025	2843025	2843105	+	3	81	TTG	TAG	0	0
mORF_+_2843045	2843045	2844478	+	2	1434	GTG	TAA	0	0
mORF_+_2843125	2843125	2843190	+	1	66	GTG	TGA	0	0
mORF_+_2843163	2843163	2843180	+	3	18	ATG	TAG	0	0
mORF_+_2843187	2843187	2843261	+	3	75	TTG	TAG	0	0
mORF_+_2843245	2843245	2843334	+	1	90	TTG	TGA	0	0
mORF_+_2843367	2843367	2843522	+	3	156	ATG	TAG	0	0
mORF_+_2843446	2843446	2843541	+	1	96	GTG	TAA	0	0
mORF_+_2843559	2843559	2843618	+	3	60	ATG	TGA	0	0
mORF_+_2843634	2843634	2843708	+	3	75	TTG	TGA	0	0
mORF_+_2843733	2843733	2843741	+	3	9	GTG	TAG	0	0
mORF_+_2843745	2843745	2843807	+	3	63	GTG	TAA	0	0
mORF_+_2843835	2843835	2843852	+	3	18	ATG	TAG	0	0
mORF_+_2843877	2843877	2843993	+	3	117	ATG	TAG	0	0
mORF_+_2844006	2844006	2844026	+	3	21	GTG	TGA	0	0
mORF_+_2844013	2844013	2844231	+	1	219	GTG	TAA	0	0
mORF_+_2844036	2844036	2844059	+	3	24	ATG	TAA	0	0
mORF_+_2844201	2844201	2844269	+	3	69	TTG	TAG	0	0
mORF_+_2844294	2844294	2844344	+	3	51	TTG	TAG	0	0
mORF_+_2844387	2844387	2844401	+	3	15	GTG	TGA	0	0
mORF_+_2844405	2844405	2844467	+	3	63	TTG	TAA	0	0
mORF_+_2844442	2844442	2844510	+	1	69	ATG	TAA	0	0
mORF_+_2844492	2844492	2844569	+	3	78	ATG	TAA	0	0
mORF_+_2844569	2844569	2844940	+	2	372	ATG	TGA	0	0
mORF_+_2844703	2844703	2845137	+	1	435	TTG	TAA	0	0
mORF_+_2844947	2844947	2845279	+	2	333	GTG	TGA	0	0
mORF_+_2844987	2844987	2845064	+	3	78	GTG	TAG	0	0

mORF_+_2845156	2845156	2845398	+	1	243	TTG	TAA	0	0	
mORF_+_2845292	2845292	2845411	+	2	120	TTG	TGA	0	0	
mORF_+_2845448	2845448	2845459	+	2	12	GTG	TAA	0	0	
mORF_+_2845561	2845561	2845617	+	1	57	TTG	TGA	0	0	
mORF_+_2845614	2845614	2845634	+	3	21	GTG	TGA	0	0	
mORF_+_2845631	2845631	2845714	+	2	84	TTG	TAA	0	0	
mORF_+_2845641	2845641	2845829	+	3	189	GTG	TAG	0	0	
mORF_+_2845699	2845699	2845767	+	1	69	TTG	TGA	0	0	
mORF_+_2845721	2845721	2845756	+	2	36	ATG	TGA	0	0	
mORF_+_2845774	2845774	2845962	+	1	189	GTG	TAG	0	0	
mORF_+_2845871	2845871	2845954	+	2	84	GTG	TGA	0	0	
mORF_+_2846000	2846000	2846068	+	2	69	TTG	TGA	0	0	
mORF_+_2846056	2846056	2846079	+	1	24	TTG	TGA	0	0	
mORF_+_2846072	2846072	2846086	+	2	15	ATG	TAA	0	0	
mORF_+_2846076	2846076	2846147	+	3	72	TTG	TAA	0	0	
mORF_+_2846129	2846129	2846164	+	2	36	TTG	TAA	0	0	
mORF_+_2846149	2846149	2846211	+	1	63	ATG	TGA	0	0	
mORF_+_2846208	2846208	2846519	+	3	312	ATG	TGA	0	0	
mORF_+_2846257	2846257	2846397	+	1	141	TTG	TAA	0	0	
mORF_+_2846413	2846413	2846739	+	1	327	ATG	TAA	0	0	
mORF_+_2846498	2846498	2846554	+	2	57	GTG	TGA	0	0	
mORF_+_2846598	2846598	2847176	+	3	579	ATG	TAA	0	0	
mORF_+_2846600	2846600	2846632	+	2	33	GTG	TAA	0	0	
mORF_+_2846779	2846779	2846985	+	1	207	GTG	TAG	0	0	
mORF_+_2847109	2847109	2847186	+	1	78	GTG	TGA	0	0	
mORF_+_2847183	2847183	2847281	+	3	99	TTG	TGA	0	0	
mORF_+_2847200	2847200	2847244	+	2	45	ATG	TGA	0	0	
mORF_+_2847241	2847241	2847267	+	1	27	TTG	TAG	0	0	
mORF_+_2847254	2847254	2847775	+	2	522	TTG	TGA	0	0	
mORF_+_2847297	2847297	2847719	+	3	423	GTG	TGA	0	0	
mORF_+_2847487	2847487	2847495	+	1	9	ATG	TGA	0	0	
mORF_+_2847514	2847514	2847669	+	1	156	GTG	TGA	0	0	
mORF_+_2847700	2847700	2848080	+	1	381	GTG	TAA	1	3	pORF_+_2847700
mORF_+_2847776	2847776	2847805	+	2	30	TTG	TGA	0	0	
mORF_+_2847822	2847822	2847902	+	3	81	GTG	TGA	0	0	
mORF_+_2847824	2847824	2847889	+	2	66	GTG	TGA	0	0	
mORF_+_2847890	2847890	2847919	+	2	30	TTG	TGA	0	0	
mORF_+_2847921	2847921	2847968	+	3	48	ATG	TAA	0	0	
mORF_+_2847998	2847998	2848060	+	2	63	ATG	TAG	0	0	
mORF_+_2848011	2848011	2848034	+	3	24	TTG	TAA	0	0	
mORF_+_2848104	2848104	2848349	+	3	246	GTG	TAA	0	0	
mORF_+_2848132	2848132	2848221	+	1	90	ATG	TAA	0	0	
mORF_+_2848208	2848208	2848243	+	2	36	TTG	TAA	0	0	
mORF_+_2848228	2848228	2848266	+	1	39	ATG	TAA	0	0	
mORF_+_2848267	2848267	2848329	+	1	63	ATG	TGA	0	0	
mORF_+_2848351	2848351	2848362	+	1	12	GTG	TGA	0	0	
mORF_+_2848372	2848372	2848380	+	1	9	TTG	TAG	0	0	
mORF_+_2848381	2848381	2848425	+	1	45	ATG	TAA	0	0	
mORF_+_2848383	2848383	2848400	+	3	18	GTG	TAG	0	0	
mORF_+_2848407	2848407	2848517	+	3	111	ATG	TAA	0	0	
mORF_+_2848415	2848415	2848453	+	2	39	GTG	TAG	0	0	
mORF_+_2848457	2848457	2848531	+	2	75	TTG	TAA	0	0	
mORF_+_2848504	2848504	2848548	+	1	45	GTG	TAA	0	0	
mORF_+_2848551	2848551	2848643	+	3	93	ATG	TAG	0	0	
mORF_+_2848574	2848574	2848615	+	2	42	GTG	TAA	0	0	
mORF_+_2848634	2848634	2848657	+	2	24	TTG	TAA	0	0	
mORF_+_2848657	2848657	2849019	+	1	363	ATG	TGA	0	0	
mORF_+_2848766	2848766	2848909	+	2	144	TTG	TGA	1	2	pORF_+_2848766
mORF_+_2848779	2848779	2848814	+	3	36	TTG	TGA	0	0	
mORF_+_2848821	2848821	2848850	+	3	30	TTG	TAA	0	0	
mORF_+_2848878	2848878	2848889	+	3	12	ATG	TGA	0	0	
mORF_+_2848893	2848893	2848955	+	3	63	ATG	TGA	0	0	
mORF_+_2848949	2848949	2849002	+	2	54	ATG	TAG	0	0	

mORF_+_2849016	2849016	2849048	+	3	33	GTG	TGA	0	0	
mORF_+_2849023	2849023	2849895	+	1	873	ATG	TAG	3	19	pORF_+_2849023
mORF_+_2849045	2849045	2849137	+	2	93	GTG	TGA	0	0	
mORF_+_2849207	2849207	2849239	+	2	33	ATG	TGA	0	0	
mORF_+_2849267	2849267	2849386	+	2	120	TTG	TGA	0	0	
mORF_+_2849421	2849421	2849435	+	3	15	GTG	TGA	0	0	
mORF_+_2849432	2849432	2849455	+	2	24	TTG	TGA	0	0	
mORF_+_2849459	2849459	2849503	+	2	45	ATG	TGA	0	0	
mORF_+_2849525	2849525	2849539	+	2	15	TTG	TGA	0	0	
mORF_+_2849540	2849540	2849692	+	2	153	TTG	TGA	0	0	
mORF_+_2849613	2849613	2849639	+	3	27	ATG	TGA	0	0	
mORF_+_2849708	2849708	2849725	+	2	18	TTG	TGA	0	0	
mORF_+_2849741	2849741	2849866	+	2	126	TTG	TGA	0	0	
mORF_+_2849778	2849778	2849816	+	3	39	GTG	TGA	0	0	
mORF_+_2849859	2849859	2850158	+	3	300	GTG	TAA	1	2	pORF_+_2849859
mORF_+_2849888	2849888	2849923	+	2	36	GTG	TGA	0	0	
mORF_+_2849920	2849920	2849976	+	1	57	TTG	TAA	0	0	
mORF_+_2849995	2849995	2850054	+	1	60	ATG	TGA	0	0	
mORF_+_2850023	2850023	2850064	+	2	42	GTG	TAA	0	0	
mORF_+_2850064	2850064	2850171	+	1	108	ATG	TGA	0	0	
mORF_+_2850158	2850158	2851279	+	2	1122	ATG	TGA	0	0	
mORF_+_2850165	2850165	2850197	+	3	33	TTG	TGA	0	0	
mORF_+_2850207	2850207	2850545	+	3	339	TTG	TGA	0	0	
mORF_+_2850277	2850277	2850306	+	1	30	GTG	TAA	0	0	
mORF_+_2850361	2850361	2850390	+	1	30	GTG	TAG	0	0	
mORF_+_2850597	2850597	2850890	+	3	294	TTG	TAG	0	0	
mORF_+_2850936	2850936	2851013	+	3	78	ATG	TAG	0	0	
mORF_+_2851000	2851000	2851023	+	1	24	ATG	TGA	0	0	
mORF_+_2851020	2851020	2851043	+	3	24	TTG	TGA	0	0	
mORF_+_2851065	2851065	2851139	+	3	75	ATG	TAA	0	0	
mORF_+_2851123	2851123	2851131	+	1	9	TTG	TGA	0	0	
mORF_+_2851147	2851147	2851152	+	1	6	ATG	TAA	0	0	
mORF_+_2851162	2851162	2851179	+	1	18	ATG	TAA	0	0	
mORF_+_2851173	2851173	2851214	+	3	42	TTG	TGA	0	0	
mORF_+_2851234	2851234	2851272	+	1	39	GTG	TGA	0	0	
mORF_+_2851269	2851269	2851283	+	3	15	GTG	TAA	0	0	
mORF_+_2851276	2851276	2852286	+	1	1011	GTG	TAA	1	2	pORF_+_2851276
mORF_+_2851355	2851355	2851417	+	2	63	TTG	TAG	0	0	
mORF_+_2851365	2851365	2851400	+	3	36	GTG	TGA	0	0	
mORF_+_2851460	2851460	2851603	+	2	144	TTG	TGA	0	0	
mORF_+_2851506	2851506	2851523	+	3	18	TTG	TGA	0	0	
mORF_+_2851649	2851649	2851696	+	2	48	TTG	TAG	0	0	
mORF_+_2851778	2851778	2851792	+	2	15	ATG	TGA	0	0	
mORF_+_2851835	2851835	2851885	+	2	51	GTG	TGA	0	0	
mORF_+_2851907	2851907	2851924	+	2	18	GTG	TGA	0	0	
mORF_+_2851934	2851934	2851957	+	2	24	GTG	TAA	0	0	
mORF_+_2851970	2851970	2852077	+	2	108	ATG	TGA	0	0	
mORF_+_2851992	2851992	2852003	+	3	12	TTG	TGA	0	0	
mORF_+_2852049	2852049	2852114	+	3	66	TTG	TGA	0	0	
mORF_+_2852081	2852081	2852101	+	2	21	TTG	TAG	0	0	
mORF_+_2852111	2852111	2852182	+	2	72	TTG	TGA	0	0	
mORF_+_2852183	2852183	2852236	+	2	54	TTG	TGA	0	0	
mORF_+_2852280	2852280	2852297	+	3	18	ATG	TAA	0	0	
mORF_+_2852316	2852316	2852378	+	3	63	ATG	TGA	0	0	
mORF_+_2852324	2852324	2854438	+	2	2115	TTG	TAA	2	5	pORF_+_2852324
mORF_+_2852379	2852379	2852474	+	3	96	GTG	TAA	0	0	
mORF_+_2852449	2852449	2852454	+	1	6	GTG	TGA	0	0	
mORF_+_2852505	2852505	2852726	+	3	222	TTG	TGA	0	0	
mORF_+_2852512	2852512	2852556	+	1	45	GTG	TGA	0	0	
mORF_+_2852644	2852644	2852667	+	1	24	TTG	TGA	0	0	
mORF_+_2852719	2852719	2852766	+	1	48	TTG	TGA	0	0	
mORF_+_2852754	2852754	2853179	+	3	426	TTG	TGA	0	0	
mORF_+_2852899	2852899	2852916	+	1	18	ATG	TAA	0	0	

mORF_+_2853213	2853213	2853275	+	3	63	ATG	TGA	0	0	
mORF_+_2853259	2853259	2853396	+	1	138	GTG	TAA	0	0	
mORF_+_2853366	2853366	2853428	+	3	63	TTG	TGA	0	0	
mORF_+_2853441	2853441	2853461	+	3	21	TTG	TGA	0	0	
mORF_+_2853477	2853477	2853578	+	3	102	ATG	TGA	0	0	
mORF_+_2853585	2853585	2853611	+	3	27	GTG	TGA	0	0	
mORF_+_2853612	2853612	2853668	+	3	57	TTG	TGA	0	0	
mORF_+_2853711	2853711	2853911	+	3	201	TTG	TAA	0	0	
mORF_+_2853954	2853954	2853986	+	3	33	GTG	TGA	0	0	
mORF_+_2854068	2854068	2854127	+	3	60	TTG	TGA	0	0	
mORF_+_2854138	2854138	2854149	+	1	12	GTG	TAA	0	0	
mORF_+_2854173	2854173	2854193	+	3	21	TTG	TAA	0	0	
mORF_+_2854230	2854230	2854304	+	3	75	TTG	TGA	0	0	
mORF_+_2854305	2854305	2854319	+	3	15	TTG	TGA	0	0	
mORF_+_2854338	2854338	2854376	+	3	39	TTG	TGA	0	0	
mORF_+_2854416	2854416	2854433	+	3	18	TTG	TGA	0	0	
mORF_+_2854446	2854446	2854484	+	3	39	TTG	TGA	0	0	
mORF_+_2854481	2854481	2854558	+	2	78	ATG	TAA	0	0	
mORF_+_2854530	2854530	2854547	+	3	18	TTG	TGA	0	0	
mORF_+_2854565	2854565	2854747	+	2	183	ATG	TGA	0	0	
mORF_+_2854624	2854624	2854791	+	1	168	TTG	TAA	0	0	
mORF_+_2854766	2854766	2854870	+	2	105	TTG	TAA	0	0	
mORF_+_2854818	2854818	2854847	+	3	30	TTG	TAA	0	0	
mORF_+_2854849	2854849	2854908	+	1	60	ATG	TAG	0	0	
mORF_+_2854924	2854924	2855118	+	1	195	TTG	TGA	0	0	
mORF_+_2854932	2854932	2855018	+	3	87	TTG	TGA	0	0	
mORF_+_2855040	2855040	2855054	+	3	15	GTG	TGA	0	0	
mORF_+_2855051	2855051	2855110	+	2	60	GTG	TAA	0	0	
mORF_+_2855115	2855115	2857676	+	3	2562	ATG	TAA	8	18	pORF_+_2855115
mORF_+_2855119	2855119	2855127	+	1	9	GTG	TAG	0	0	
mORF_+_2855215	2855215	2855280	+	1	66	GTG	TGA	0	0	
mORF_+_2855290	2855290	2855367	+	1	78	GTG	TGA	0	0	
mORF_+_2855383	2855383	2855586	+	1	204	TTG	TGA	0	0	
mORF_+_2855653	2855653	2855682	+	1	30	ATG	TAA	0	0	
mORF_+_2855683	2855683	2855754	+	1	72	TTG	TGA	0	0	
mORF_+_2855717	2855717	2855728	+	2	12	GTG	TGA	0	0	
mORF_+_2855764	2855764	2856036	+	1	273	TTG	TGA	0	0	
mORF_+_2855816	2855816	2855902	+	2	87	TTG	TGA	0	0	
mORF_+_2856079	2856079	2856261	+	1	183	TTG	TAG	0	0	
mORF_+_2856274	2856274	2856504	+	1	231	GTG	TGA	0	0	
mORF_+_2856419	2856419	2856436	+	2	18	GTG	TGA	0	0	
mORF_+_2856508	2856508	2856600	+	1	93	TTG	TGA	0	0	
mORF_+_2856697	2856697	2856810	+	1	114	ATG	TGA	0	0	
mORF_+_2856832	2856832	2856876	+	1	45	TTG	TAG	0	0	
mORF_+_2856877	2856877	2856891	+	1	15	TTG	TGA	0	0	
mORF_+_2856892	2856892	2856918	+	1	27	ATG	TGA	0	0	
mORF_+_2857003	2857003	2857011	+	1	9	TTG	TGA	0	0	
mORF_+_2857030	2857030	2857086	+	1	57	ATG	TAG	0	0	
mORF_+_2857096	2857096	2857137	+	1	42	ATG	TGA	0	0	
mORF_+_2857192	2857192	2857281	+	1	90	ATG	TGA	0	0	
mORF_+_2857238	2857238	2857267	+	2	30	GTG	TAA	0	0	
mORF_+_2857288	2857288	2857311	+	1	24	TTG	TGA	0	0	
mORF_+_2857357	2857357	2857662	+	1	306	ATG	TGA	0	0	
mORF_+_2857646	2857646	2857732	+	2	87	GTG	TAA	0	0	
mORF_+_2857782	2857782	2858438	+	3	657	ATG	TAG	0	0	
mORF_+_2857810	2857810	2857980	+	1	171	ATG	TAA	0	0	
mORF_+_2857832	2857832	2857846	+	2	15	ATG	TGA	0	0	
mORF_+_2858029	2858029	2858097	+	1	69	TTG	TAA	0	0	
mORF_+_2858060	2858060	2858080	+	2	21	GTG	TGA	0	0	
mORF_+_2858098	2858098	2858124	+	1	27	ATG	TAG	0	0	
mORF_+_2858161	2858161	2858184	+	1	24	TTG	TAA	0	0	
mORF_+_2858188	2858188	2858244	+	1	57	ATG	TAG	0	0	
mORF_+_2858269	2858269	2858313	+	1	45	TTG	TAA	0	0	

mORF_+_2858335	2858335	2858346	+	1	12	TTG	TGA	0	0
mORF_+_2858350	2858350	2858433	+	1	84	TTG	TAA	0	0
mORF_+_2858443	2858443	2858457	+	1	15	ATG	TGA	0	0
mORF_+_2858454	2858454	2858468	+	3	15	GTG	TAA	0	0
mORF_+_2858461	2858461	2858571	+	1	111	ATG	TAA	0	0
mORF_+_2858593	2858593	2858691	+	1	99	ATG	TGA	0	0
mORF_+_2858688	2858688	2858756	+	3	69	GTG	TGA	0	0
mORF_+_2858731	2858731	2858748	+	1	18	ATG	TAA	0	0
mORF_+_2858778	2858778	2858840	+	3	63	ATG	TGA	0	0
mORF_+_2858837	2858837	2858911	+	2	75	GTG	TGA	0	0
mORF_+_2858845	2858845	2858883	+	1	39	TTG	TAA	0	0
mORF_+_2858847	2858847	2858873	+	3	27	GTG	TAG	0	0
mORF_+_2858893	2858893	2858898	+	1	6	TTG	TGA	0	0
mORF_+_2858895	2858895	2858921	+	3	27	GTG	TGA	0	0
mORF_+_2858908	2858908	2859015	+	1	108	GTG	TAG	0	0
mORF_+_2858918	2858918	2858944	+	2	27	GTG	TAA	0	0
mORF_+_2858946	2858946	2858969	+	3	24	GTG	TAG	0	0
mORF_+_2859006	2859006	2859053	+	3	48	TTG	TGA	0	0
mORF_+_2859023	2859023	2859139	+	2	117	TTG	TAA	0	0
mORF_+_2859031	2859031	2859198	+	1	168	TTG	TGA	0	0
mORF_+_2859150	2859150	2859326	+	3	177	ATG	TAA	0	0
mORF_+_2859158	2859158	2859163	+	2	6	ATG	TGA	0	0
mORF_+_2859233	2859233	2859283	+	2	51	TTG	TGA	0	0
mORF_+_2859310	2859310	2859333	+	1	24	GTG	TAG	0	0
mORF_+_2859354	2859354	2859434	+	3	81	ATG	TAA	0	0
mORF_+_2859364	2859364	2859369	+	1	6	ATG	TGA	0	0
mORF_+_2859452	2859452	2860360	+	2	909	ATG	TGA	0	0
mORF_+_2859474	2859474	2859494	+	3	21	ATG	TAG	0	0
mORF_+_2859525	2859525	2859563	+	3	39	ATG	TGA	0	0
mORF_+_2859570	2859570	2859587	+	3	18	ATG	TGA	0	0
mORF_+_2859597	2859597	2859725	+	3	129	GTG	TGA	0	0
mORF_+_2859601	2859601	2859615	+	1	15	TTG	TGA	0	0
mORF_+_2859765	2859765	2859848	+	3	84	GTG	TAA	0	0
mORF_+_2859861	2859861	2859869	+	3	9	GTG	TGA	0	0
mORF_+_2859894	2859894	2859953	+	3	60	TTG	TAG	0	0
mORF_+_2859954	2859954	2859971	+	3	18	GTG	TAG	0	0
mORF_+_2860017	2860017	2860076	+	3	60	TTG	TGA	0	0
mORF_+_2860080	2860080	2860091	+	3	12	ATG	TGA	0	0
mORF_+_2860095	2860095	2860259	+	3	165	ATG	TGA	0	0
mORF_+_2860357	2860357	2861523	+	1	1167	ATG	TAA	0	0
mORF_+_2860367	2860367	2860498	+	2	132	TTG	TGA	0	0
mORF_+_2860529	2860529	2860561	+	2	33	TTG	TGA	0	0
mORF_+_2860581	2860581	2860637	+	3	57	TTG	TAA	0	0
mORF_+_2860640	2860640	2860663	+	2	24	TTG	TAA	0	0
mORF_+_2860667	2860667	2860750	+	2	84	ATG	TAA	0	0
mORF_+_2860829	2860829	2860960	+	2	132	TTG	TGA	0	0
mORF_+_2861000	2861000	2861014	+	2	15	ATG	TAA	0	0
mORF_+_2861036	2861036	2861116	+	2	81	TTG	TAG	0	0
mORF_+_2861052	2861052	2861072	+	3	21	GTG	TAA	0	0
mORF_+_2861130	2861130	2861189	+	3	60	ATG	TGA	0	0
mORF_+_2861174	2861174	2861368	+	2	195	TTG	TAG	0	0
mORF_+_2861253	2861253	2861312	+	3	60	GTG	TGA	0	0
mORF_+_2861426	2861426	2861455	+	2	30	TTG	TAG	0	0
mORF_+_2861489	2861489	2861536	+	2	48	TTG	TAA	0	0
mORF_+_2861511	2861511	2861618	+	3	108	GTG	TGA	0	0
mORF_+_2861572	2861572	2861736	+	1	165	GTG	TGA	0	0
mORF_+_2861615	2861615	2862253	+	2	639	ATG	TAA	0	0
mORF_+_2861667	2861667	2861828	+	3	162	TTG	TAA	0	0
mORF_+_2861767	2861767	2861835	+	1	69	ATG	TGA	0	0
mORF_+_2861829	2861829	2861996	+	3	168	GTG	TGA	0	0
mORF_+_2861920	2861920	2862045	+	1	126	ATG	TAA	0	0
mORF_+_2862009	2862009	2862185	+	3	177	ATG	TGA	0	0
mORF_+_2862121	2862121	2862129	+	1	9	TTG	TGA	0	0

mORF_+_2862198	2862198	2862221	+	3	24	GTG	TGA	0	0
mORF_+_2862228	2862228	2862245	+	3	18	GTG	TAA	0	0
mORF_+_2862253	2862253	2862288	+	1	36	ATG	TGA	0	0
mORF_+_2862258	2862258	2863034	+	3	777	ATG	TAA	0	0
mORF_+_2862310	2862310	2862420	+	1	111	TTG	TGA	0	0
mORF_+_2862457	2862457	2862570	+	1	114	ATG	TGA	0	0
mORF_+_2862467	2862467	2862496	+	2	30	ATG	TGA	0	0
mORF_+_2862551	2862551	2862556	+	2	6	TTG	TGA	0	0
mORF_+_2862598	2862598	2862681	+	1	84	ATG	TAG	0	0
mORF_+_2862682	2862682	2862789	+	1	108	TTG	TAG	0	0
mORF_+_2862799	2862799	2862813	+	1	15	ATG	TAG	0	0
mORF_+_2862814	2862814	2862825	+	1	12	ATG	TGA	0	0
mORF_+_2862856	2862856	2863050	+	1	195	ATG	TAA	0	0
mORF_+_2862923	2862923	2862946	+	2	24	GTG	TGA	0	0
mORF_+_2862971	2862971	2862976	+	2	6	TTG	TGA	0	0
mORF_+_2863084	2863084	2863092	+	1	9	ATG	TAG	0	0
mORF_+_2863123	2863123	2864487	+	1	1365	ATG	TGA	0	0
mORF_+_2863143	2863143	2863277	+	3	135	ATG	TAA	0	0
mORF_+_2863148	2863148	2863156	+	2	9	TTG	TAG	0	0
mORF_+_2863211	2863211	2863237	+	2	27	TTG	TAG	0	0
mORF_+_2863244	2863244	2863282	+	2	39	TTG	TGA	0	0
mORF_+_2863301	2863301	2863357	+	2	57	GTG	TGA	0	0
mORF_+_2863370	2863370	2863411	+	2	42	GTG	TAG	0	0
mORF_+_2863412	2863412	2863438	+	2	27	GTG	TGA	0	0
mORF_+_2863475	2863475	2863657	+	2	183	TTG	TAA	0	0
mORF_+_2863670	2863670	2863690	+	2	21	TTG	TAG	0	0
mORF_+_2863694	2863694	2863720	+	2	27	TTG	TAA	0	0
mORF_+_2863736	2863736	2863750	+	2	15	ATG	TAG	0	0
mORF_+_2863784	2863784	2863807	+	2	24	GTG	TAA	0	0
mORF_+_2863853	2863853	2863903	+	2	51	TTG	TGA	0	0
mORF_+_2863925	2863925	2863942	+	2	18	TTG	TGA	0	0
mORF_+_2863970	2863970	2864071	+	2	102	TTG	TAG	0	0
mORF_+_2864087	2864087	2864161	+	2	75	GTG	TGA	0	0
mORF_+_2864162	2864162	2864236	+	2	75	TTG	TAG	0	0
mORF_+_2864295	2864295	2864351	+	3	57	GTG	TAA	0	0
mORF_+_2864324	2864324	2864374	+	2	51	TTG	TGA	0	0
mORF_+_2864466	2864466	2864684	+	3	219	GTG	TGA	0	0
mORF_+_2864506	2864506	2865147	+	1	642	ATG	TGA	0	0
mORF_+_2864525	2864525	2864554	+	2	30	TTG	TGA	0	0
mORF_+_2864573	2864573	2864659	+	2	87	ATG	TGA	0	0
mORF_+_2864681	2864681	2865043	+	2	363	GTG	TAA	0	0
mORF_+_2864712	2864712	2864795	+	3	84	GTG	TGA	0	0
mORF_+_2864994	2864994	2865083	+	3	90	TTG	TAG	0	0
mORF_+_2865062	2865062	2865067	+	2	6	ATG	TGA	0	0
mORF_+_2865135	2865135	2865218	+	3	84	TTG	TAA	0	0
mORF_+_2865203	2865203	2865250	+	2	48	TTG	TAA	0	0
mORF_+_2865324	2865324	2865575	+	3	252	GTG	TAA	0	0
mORF_+_2865422	2865422	2865550	+	2	129	GTG	TGA	0	0
mORF_+_2865547	2865547	2865654	+	1	108	ATG	TAA	0	0
mORF_+_2865590	2865590	2865601	+	2	12	GTG	TGA	0	0
mORF_+_2865679	2865679	2865684	+	1	6	TTG	TAA	0	0
mORF_+_2865696	2865696	2865710	+	3	15	ATG	TGA	0	0
mORF_+_2865704	2865704	2865757	+	2	54	GTG	TAA	0	0
mORF_+_2865721	2865721	2865801	+	1	81	GTG	TAG	0	0
mORF_+_2865744	2865744	2866022	+	3	279	TTG	TGA	0	0
mORF_+_2865782	2865782	2865829	+	2	48	TTG	TGA	0	0
mORF_+_2865826	2865826	2865849	+	1	24	TTG	TAG	0	0
mORF_+_2865902	2865902	2866009	+	2	108	TTG	TAG	0	0
mORF_+_2865913	2865913	2866296	+	1	384	TTG	TGA	0	0
mORF_+_2866019	2866019	2866033	+	2	15	TTG	TGA	0	0
mORF_+_2866046	2866046	2866081	+	2	36	TTG	TGA	0	0
mORF_+_2866094	2866094	2866123	+	2	30	TTG	TAG	0	0
mORF_+_2866157	2866157	2866204	+	2	48	TTG	TGA	0	0

mORF_+_2866164	2866164	2866688	+	3	525	TTG	TGA	0	0
mORF_+_2866259	2866259	2866366	+	2	108	TTG	TAA	0	0
mORF_+_2866327	2866327	2866338	+	1	12	TTG	TGA	0	0
mORF_+_2866357	2866357	2866380	+	1	24	TTG	TAG	0	0
mORF_+_2866385	2866385	2866537	+	2	153	GTG	TAG	0	0
mORF_+_2866387	2866387	2866410	+	1	24	GTG	TAG	0	0
mORF_+_2866438	2866438	2866452	+	1	15	ATG	TGA	0	0
mORF_+_2866465	2866465	2866497	+	1	33	ATG	TGA	0	0
mORF_+_2866547	2866547	2866588	+	2	42	GTG	TAG	0	0
mORF_+_2866640	2866640	2866660	+	2	21	TTG	TAA	0	0
mORF_+_2866651	2866651	2866800	+	1	150	TTG	TAA	0	0
mORF_+_2866673	2866673	2866753	+	2	81	GTG	TGA	0	0
mORF_+_2866757	2866757	2866810	+	2	54	TTG	TGA	0	0
mORF_+_2866807	2866807	2866815	+	1	9	GTG	TAA	0	0
mORF_+_2866821	2866821	2866973	+	3	153	GTG	TAA	0	0
mORF_+_2866852	2866852	2866869	+	1	18	ATG	TGA	0	0
mORF_+_2867014	2867014	2867034	+	1	21	GTG	TAA	0	0
mORF_+_2867076	2867076	2867102	+	3	27	TTG	TAA	0	0
mORF_+_2867105	2867105	2867158	+	2	54	ATG	TGA	0	0
mORF_+_2867127	2867127	2867225	+	3	99	GTG	TAA	0	0
mORF_+_2867140	2867140	2867166	+	1	27	TTG	TGA	0	0
mORF_+_2867173	2867173	2867178	+	1	6	ATG	TAA	0	0
mORF_+_2867245	2867245	2867334	+	1	90	ATG	TAA	0	0
mORF_+_2867268	2867268	2867567	+	3	300	TTG	TAA	0	0
mORF_+_2867291	2867291	2867383	+	2	93	GTG	TGA	0	0
mORF_+_2867402	2867402	2867488	+	2	87	TTG	TGA	0	0
mORF_+_2867416	2867416	2867505	+	1	90	TTG	TAA	0	0
mORF_+_2867506	2867506	2867637	+	1	132	TTG	TAG	0	0
mORF_+_2867586	2867586	2867606	+	3	21	TTG	TAA	0	0
mORF_+_2867613	2867613	2867810	+	3	198	ATG	TAA	0	0
mORF_+_2867716	2867716	2867748	+	1	33	TTG	TGA	0	0
mORF_+_2867762	2867762	2867794	+	2	33	GTG	TGA	0	0
mORF_+_2867791	2867791	2867799	+	1	9	TTG	TGA	0	0
mORF_+_2867842	2867842	2867907	+	1	66	GTG	TAA	0	0
mORF_+_2867864	2867864	2867995	+	2	132	GTG	TAA	0	0
mORF_+_2867907	2867907	2867951	+	3	45	ATG	TAA	0	0
mORF_+_2867952	2867952	2868173	+	3	222	ATG	TGA	0	0
mORF_+_2868040	2868040	2868081	+	1	42	ATG	TAG	0	0
mORF_+_2868139	2868139	2868210	+	1	72	GTG	TGA	0	0
mORF_+_2868158	2868158	2868298	+	2	141	GTG	TAA	0	0
mORF_+_2868246	2868246	2868314	+	3	69	TTG	TGA	0	0
mORF_+_2868289	2868289	2868405	+	1	117	ATG	TAA	0	0
mORF_+_2868308	2868308	2868526	+	2	219	GTG	TGA	0	0
mORF_+_2868336	2868336	2868380	+	3	45	TTG	TGA	0	0
mORF_+_2868406	2868406	2868465	+	1	60	TTG	TAA	0	0
mORF_+_2868469	2868469	2868474	+	1	6	TTG	TAA	0	0
mORF_+_2868499	2868499	2868597	+	1	99	TTG	TAA	0	0
mORF_+_2868507	2868507	2868584	+	3	78	ATG	TGA	0	0
mORF_+_2868581	2868581	2868676	+	2	96	TTG	TGA	0	0
mORF_+_2868618	2868618	2868680	+	3	63	TTG	TAA	0	0
mORF_+_2868649	2868649	2868654	+	1	6	TTG	TAG	0	0
mORF_+_2868673	2868673	2868960	+	1	288	TTG	TAA	0	0
mORF_+_2868692	2868692	2868715	+	2	24	TTG	TGA	0	0
mORF_+_2868761	2868761	2868853	+	2	93	TTG	TAG	0	0
mORF_+_2868908	2868908	2869015	+	2	108	TTG	TGA	0	0
mORF_+_2868976	2868976	2869062	+	1	87	GTG	TAA	0	0
mORF_+_2869040	2869040	2869123	+	2	84	TTG	TGA	0	0
mORF_+_2869081	2869081	2869503	+	1	423	ATG	TGA	0	0
mORF_+_2869143	2869143	2869181	+	3	39	GTG	TGA	0	0
mORF_+_2869166	2869166	2869303	+	2	138	TTG	TAA	0	0
mORF_+_2869304	2869304	2869339	+	2	36	GTG	TAA	0	0
mORF_+_2869434	2869434	2869574	+	3	141	ATG	TAG	0	0
mORF_+_2869472	2869472	2869510	+	2	39	GTG	TGA	0	0

mORF_+_2869507	2869507	2869539	+	1	33	ATG	TAA	0	0
mORF_+_2869601	2869601	2869747	+	2	147	ATG	TGA	0	0
mORF_+_2869627	2869627	2869725	+	1	99	TTG	TAA	0	0
mORF_+_2869677	2869677	2869817	+	3	141	ATG	TGA	0	0
mORF_+_2869729	2869729	2869833	+	1	105	ATG	TGA	0	0
mORF_+_2869751	2869751	2869969	+	2	219	TTG	TAG	0	0
mORF_+_2869821	2869821	2869838	+	3	18	ATG	TAA	0	0
mORF_+_2869849	2869849	2869872	+	1	24	GTG	TGA	0	0
mORF_+_2869869	2869869	2869907	+	3	39	GTG	TGA	0	0
mORF_+_2869988	2869988	2869993	+	2	6	ATG	TAA	0	0
mORF_+_2870012	2870012	2870035	+	2	24	TTG	TAA	0	0
mORF_+_2870040	2870040	2870057	+	3	18	TTG	TGA	0	0
mORF_+_2870054	2870054	2870422	+	2	369	ATG	TGA	0	0
mORF_+_2870061	2870061	2870174	+	3	114	ATG	TGA	0	0
mORF_+_2870107	2870107	2870286	+	1	180	GTG	TGA	0	0
mORF_+_2870283	2870283	2870297	+	3	15	GTG	TGA	0	0
mORF_+_2870314	2870314	2870349	+	1	36	GTG	TGA	0	0
mORF_+_2870340	2870340	2870411	+	3	72	ATG	TGA	0	0
mORF_+_2870419	2870419	2870436	+	1	18	TTG	TAG	0	0
mORF_+_2870429	2870429	2870800	+	2	372	TTG	TAG	0	0
mORF_+_2870502	2870502	2870591	+	3	90	GTG	TAA	0	0
mORF_+_2870506	2870506	2870517	+	1	12	TTG	TAA	0	0
mORF_+_2870557	2870557	2870619	+	1	63	GTG	TGA	0	0
mORF_+_2870613	2870613	2870690	+	3	78	ATG	TGA	0	0
mORF_+_2870716	2870716	2870721	+	1	6	TTG	TAG	0	0
mORF_+_2870728	2870728	2870748	+	1	21	GTG	TGA	0	0
mORF_+_2870745	2870745	2870759	+	3	15	TTG	TAG	0	0
mORF_+_2870874	2870874	2870981	+	3	108	ATG	TAA	0	0
mORF_+_2870942	2870942	2871004	+	2	63	TTG	TGA	0	0
mORF_+_2871001	2871001	2871039	+	1	39	TTG	TAG	0	0
mORF_+_2871008	2871008	2871055	+	2	48	ATG	TAA	0	0
mORF_+_2871059	2871059	2871073	+	2	15	GTG	TAA	0	0
mORF_+_2871073	2871073	2871108	+	1	36	ATG	TAG	0	0
mORF_+_2871128	2871128	2871199	+	2	72	ATG	TAA	0	0
mORF_+_2871132	2871132	2871254	+	3	123	ATG	TAA	0	0
mORF_+_2871190	2871190	2871195	+	1	6	GTG	TAG	0	0
mORF_+_2871211	2871211	2871225	+	1	15	GTG	TAA	0	0
mORF_+_2871287	2871287	2871316	+	2	30	GTG	TAA	0	0
mORF_+_2871295	2871295	2871447	+	1	153	GTG	TAA	0	0
mORF_+_2871329	2871329	2871340	+	2	12	TTG	TAA	0	0
mORF_+_2871345	2871345	2871365	+	3	21	ATG	TGA	0	0
mORF_+_2871362	2871362	2871379	+	2	18	TTG	TGA	0	0
mORF_+_2871390	2871390	2871419	+	3	30	ATG	TGA	0	0
mORF_+_2871401	2871401	2871493	+	2	93	GTG	TGA	0	0
mORF_+_2871451	2871451	2871474	+	1	24	TTG	TAA	0	0
mORF_+_2871465	2871465	2871488	+	3	24	TTG	TGA	0	0
mORF_+_2871475	2871475	2871576	+	1	102	TTG	TAA	0	0
mORF_+_2871542	2871542	2871940	+	2	399	TTG	TGA	0	0
mORF_+_2871682	2871682	2871804	+	1	123	GTG	TAA	0	0
mORF_+_2871684	2871684	2871695	+	3	12	GTG	TAA	0	0
mORF_+_2871696	2871696	2871785	+	3	90	ATG	TAA	0	0
mORF_+_2871808	2871808	2871861	+	1	54	GTG	TAA	0	0
mORF_+_2871888	2871888	2871917	+	3	30	TTG	TAA	0	0
mORF_+_2871937	2871937	2871951	+	1	15	ATG	TAG	0	0
mORF_+_2871958	2871958	2872215	+	1	258	TTG	TGA	0	0
mORF_+_2871968	2871968	2872099	+	2	132	GTG	TGA	0	0
mORF_+_2872047	2872047	2872226	+	3	180	GTG	TAA	0	0
mORF_+_2872106	2872106	2872129	+	2	24	ATG	TAA	0	0
mORF_+_2872246	2872246	2872323	+	1	78	GTG	TGA	0	0
mORF_+_2872274	2872274	2872303	+	2	30	GTG	TAA	0	0
mORF_+_2872330	2872330	2872380	+	1	51	ATG	TAA	0	0
mORF_+_2872489	2872489	2872656	+	1	168	ATG	TAA	0	0
mORF_+_2872580	2872580	2872609	+	2	30	TTG	TGA	0	0

mORF_+_2872614	2872614	2873036	+	3	423	TTG	TAA	0	0
mORF_+_2872637	2872637	2872684	+	2	48	ATG	TAA	0	0
mORF_+_2872706	2872706	2872903	+	2	198	TTG	TGA	0	0
mORF_+_2872807	2872807	2872884	+	1	78	TTG	TAA	0	0
mORF_+_2872900	2872900	2872920	+	1	21	GTG	TAA	0	0
mORF_+_2872936	2872936	2872992	+	1	57	TTG	TGA	0	0
mORF_+_2872973	2872973	2872984	+	2	12	GTG	TAA	0	0
mORF_+_2873051	2873051	2873113	+	2	63	ATG	TAA	0	0
mORF_+_2873074	2873074	2873142	+	1	69	TTG	TAG	0	0
mORF_+_2873091	2873091	2873264	+	3	174	GTG	TGA	0	0
mORF_+_2873158	2873158	2873238	+	1	81	ATG	TGA	0	0
mORF_+_2873261	2873261	2873446	+	2	186	ATG	TAA	0	0
mORF_+_2873283	2873283	2873477	+	3	195	TTG	TAG	0	0
mORF_+_2873323	2873323	2873574	+	1	252	TTG	TGA	0	0
mORF_+_2873522	2873522	2873842	+	2	321	GTG	TAG	0	0
mORF_+_2873559	2873559	2873636	+	3	78	GTG	TAA	0	0
mORF_+_2873650	2873650	2873730	+	1	81	TTG	TAG	0	0
mORF_+_2873764	2873764	2874270	+	1	507	TTG	TGA	0	0
mORF_+_2873843	2873843	2873866	+	2	24	TTG	TGA	0	0
mORF_+_2873978	2873978	2874106	+	2	129	TTG	TAG	0	0
mORF_+_2874045	2874045	2874053	+	3	9	ATG	TAA	0	0
mORF_+_2874206	2874206	2874253	+	2	48	TTG	TAG	0	0
mORF_+_2874267	2874267	2874296	+	3	30	TTG	TAA	0	0
mORF_+_2874296	2874296	2874331	+	2	36	ATG	TGA	0	0
mORF_+_2874298	2874298	2874405	+	1	108	GTG	TAG	0	0
mORF_+_2874362	2874362	2874439	+	2	78	TTG	TAG	0	0
mORF_+_2874381	2874381	2874464	+	3	84	TTG	TAA	0	0
mORF_+_2874469	2874469	2874498	+	1	30	TTG	TAA	0	0
mORF_+_2874491	2874491	2874685	+	2	195	GTG	TAA	0	0
mORF_+_2874528	2874528	2874542	+	3	15	TTG	TAG	0	0
mORF_+_2874579	2874579	2874593	+	3	15	TTG	TAA	0	0
mORF_+_2874583	2874583	2874747	+	1	165	ATG	TGA	0	0
mORF_+_2874603	2874603	2875640	+	3	1038	ATG	TGA	0	0
mORF_+_2874817	2874817	2874888	+	1	72	GTG	TGA	0	0
mORF_+_2874904	2874904	2874975	+	1	72	TTG	TGA	0	0
mORF_+_2874979	2874979	2875011	+	1	33	ATG	TGA	0	0
mORF_+_2875027	2875027	2875047	+	1	21	ATG	TAG	0	0
mORF_+_2875048	2875048	2875077	+	1	30	GTG	TGA	0	0
mORF_+_2875096	2875096	2875143	+	1	48	ATG	TAG	0	0
mORF_+_2875171	2875171	2875203	+	1	33	GTG	TGA	0	0
mORF_+_2875222	2875222	2875257	+	1	36	TTG	TAA	0	0
mORF_+_2875306	2875306	2875326	+	1	21	TTG	TAG	0	0
mORF_+_2875376	2875376	2875384	+	2	9	GTG	TAA	0	0
mORF_+_2875384	2875384	2875524	+	1	141	ATG	TAA	0	0
mORF_+_2875546	2875546	2875572	+	1	27	TTG	TAG	0	0
mORF_+_2875585	2875585	2875602	+	1	18	GTG	TAA	0	0
mORF_+_2875637	2875637	2875861	+	2	225	TTG	TAA	0	0
mORF_+_2875716	2875716	2875739	+	3	24	GTG	TGA	0	0
mORF_+_2875780	2875780	2876085	+	1	306	TTG	TGA	0	0
mORF_+_2875893	2875893	2876120	+	3	228	ATG	TAG	0	0
mORF_+_2876009	2876009	2876143	+	2	135	TTG	TAA	0	0
mORF_+_2876200	2876200	2876490	+	1	291	ATG	TAA	0	0
mORF_+_2876367	2876367	2876510	+	3	144	GTG	TAA	0	0
mORF_+_2876501	2876501	2876527	+	2	27	TTG	TAA	0	0
mORF_+_2876547	2876547	2876552	+	3	6	ATG	TAA	0	0
mORF_+_2876585	2876585	2876602	+	2	18	TTG	TAA	0	0
mORF_+_2876659	2876659	2876856	+	1	198	ATG	TGA	0	0
mORF_+_2876712	2876712	2876909	+	3	198	TTG	TGA	0	0
mORF_+_2876738	2876738	2876821	+	2	84	TTG	TAA	0	0
mORF_+_2876906	2876906	2876995	+	2	90	GTG	TAA	0	0
mORF_+_2876923	2876923	2877147	+	1	225	ATG	TAA	0	0
mORF_+_2876961	2876961	2877014	+	3	54	TTG	TAA	0	0
mORF_+_2877014	2877014	2877127	+	2	114	ATG	TAA	0	0

mORF_+_2877171	2877171	2877236	+	3	66	ATG	TAA	0	0	
mORF_+_2877191	2877191	2877256	+	2	66	GTG	TAA	0	0	
mORF_+_2877256	2877256	2877303	+	1	48	ATG	TAG	0	0	
mORF_+_2877261	2877261	2877509	+	3	249	TTG	TGA	0	0	
mORF_+_2877317	2877317	2877385	+	2	69	ATG	TGA	0	0	
mORF_+_2877485	2877485	2877640	+	2	156	TTG	TGA	0	0	
mORF_+_2877585	2877585	2877830	+	3	246	TTG	TAG	0	0	
mORF_+_2877637	2877637	2877669	+	1	33	ATG	TGA	0	0	
mORF_+_2877670	2877670	2878113	+	1	444	GTG	TGA	0	0	
mORF_+_2877764	2877764	2877778	+	2	15	GTG	TAA	0	0	
mORF_+_2877815	2877815	2877853	+	2	39	GTG	TAG	0	0	
mORF_+_2877867	2877867	2877887	+	3	21	TTG	TAA	0	0	
mORF_+_2877933	2877933	2878064	+	3	132	TTG	TAA	0	0	
mORF_+_2877971	2877971	2878084	+	2	114	GTG	TAA	0	0	
mORF_+_2878110	2878110	2878226	+	3	117	TTG	TGA	1	12	pORF_+_2878110
mORF_+_2878114	2878114	2878158	+	1	45	TTG	TAG	0	0	
mORF_+_2878139	2878139	2878198	+	2	60	TTG	TAG	0	0	
mORF_+_2878204	2878204	2878260	+	1	57	ATG	TGA	0	0	
mORF_+_2878223	2878223	2878390	+	2	168	TTG	TGA	0	0	
mORF_+_2878236	2878236	2878244	+	3	9	TTG	TGA	0	0	
mORF_+_2878257	2878257	2878334	+	3	78	ATG	TAA	0	0	
mORF_+_2878273	2878273	2878293	+	1	21	GTG	TGA	0	0	
mORF_+_2878335	2878335	2878343	+	3	9	ATG	TAA	0	0	
mORF_+_2878350	2878350	2878424	+	3	75	GTG	TAA	0	0	
mORF_+_2878387	2878387	2878497	+	1	111	ATG	TAA	0	0	
mORF_+_2878463	2878463	2878501	+	2	39	GTG	TGA	0	0	
mORF_+_2878498	2878498	2878515	+	1	18	ATG	TGA	0	0	
mORF_+_2878578	2878578	2878685	+	3	108	ATG	TAA	0	0	
mORF_+_2878606	2878606	2878614	+	1	9	GTG	TAG	0	0	
mORF_+_2878692	2878692	2878724	+	3	33	TTG	TAA	0	0	
mORF_+_2878696	2878696	2878707	+	1	12	ATG	TAA	0	0	
mORF_+_2878752	2878752	2878862	+	3	111	ATG	TGA	0	0	
mORF_+_2878756	2878756	2878899	+	1	144	TTG	TGA	0	0	
mORF_+_2878859	2878859	2879062	+	2	204	ATG	TAA	0	0	
mORF_+_2878911	2878911	2878994	+	3	84	ATG	TAG	0	0	
mORF_+_2878930	2878930	2878956	+	1	27	TTG	TAG	0	0	
mORF_+_2879029	2879029	2879139	+	1	111	TTG	TGA	0	0	
mORF_+_2879034	2879034	2879108	+	3	75	TTG	TAA	0	0	
mORF_+_2879069	2879069	2879122	+	2	54	ATG	TAG	0	0	
mORF_+_2879127	2879127	2879165	+	3	39	TTG	TAA	0	0	
mORF_+_2879147	2879147	2879170	+	2	24	TTG	TGA	0	0	
mORF_+_2879172	2879172	2879450	+	3	279	TTG	TAA	0	0	
mORF_+_2879203	2879203	2879226	+	1	24	TTG	TGA	0	0	
mORF_+_2879291	2879291	2879299	+	2	9	TTG	TAG	0	0	
mORF_+_2879303	2879303	2879323	+	2	21	GTG	TAA	0	0	
mORF_+_2879369	2879369	2879476	+	2	108	TTG	TAA	0	0	
mORF_+_2879463	2879463	2879507	+	3	45	TTG	TGA	0	0	
mORF_+_2879476	2879476	2879487	+	1	12	ATG	TAA	0	0	
mORF_+_2879504	2879504	2879566	+	2	63	ATG	TGA	0	0	
mORF_+_2879526	2879526	2879549	+	3	24	ATG	TAA	0	0	
mORF_+_2879563	2879563	2879592	+	1	30	GTG	TGA	0	0	
mORF_+_2879592	2879592	2879705	+	3	114	ATG	TAA	0	0	
mORF_+_2879599	2879599	2879967	+	1	369	GTG	TGA	0	0	
mORF_+_2879621	2879621	2879680	+	2	60	TTG	TAA	0	0	
mORF_+_2879783	2879783	2879833	+	2	51	TTG	TAA	0	0	
mORF_+_2879891	2879891	2879905	+	2	15	ATG	TGA	0	0	
mORF_+_2879910	2879910	2879954	+	3	45	TTG	TAA	0	0	
mORF_+_2879955	2879955	2880047	+	3	93	TTG	TGA	0	0	
mORF_+_2879957	2879957	2879977	+	2	21	GTG	TGA	0	0	
mORF_+_2879968	2879968	2880006	+	1	39	ATG	TAA	0	0	
mORF_+_2879999	2879999	2880034	+	2	36	GTG	TAA	0	0	
mORF_+_2880044	2880044	2880079	+	2	36	TTG	TAG	0	0	
mORF_+_2880064	2880064	2880129	+	1	66	TTG	TGA	0	0	

mORF+_2880116	2880116	2880151	+	2	36	ATG	TGA	0	0
mORF+_2880126	2880126	2880266	+	3	141	GTG	TAA	0	0
mORF+_2880148	2880148	2880294	+	1	147	TTG	TGA	0	0
mORF+_2880191	2880191	2880298	+	2	108	TTG	TAA	0	0
mORF+_2880291	2880291	2880302	+	3	12	GTG	TAA	0	0
mORF+_2880348	2880348	2880389	+	3	42	TTG	TAA	0	0
mORF+_2880382	2880382	2880438	+	1	57	TTG	TGA	0	0
mORF+_2880413	2880413	2880448	+	2	36	TTG	TGA	0	0
mORF+_2880417	2880417	2880560	+	3	144	TTG	TAA	0	0
mORF+_2880445	2880445	2880501	+	1	57	ATG	TGA	0	0
mORF+_2880503	2880503	2880586	+	2	84	GTG	TAA	0	0
mORF+_2880588	2880588	2880599	+	3	12	TTG	TGA	0	0
mORF+_2880596	2880596	2880748	+	2	153	ATG	TGA	0	0
mORF+_2880612	2880612	2880632	+	3	21	TTG	TAA	0	0
mORF+_2880660	2880660	2880743	+	3	84	TTG	TAG	0	0
mORF+_2880673	2880673	2880684	+	1	12	TTG	TAA	0	0
mORF+_2880694	2880694	2880705	+	1	12	ATG	TAG	0	0
mORF+_2880745	2880745	2880780	+	1	36	ATG	TAG	0	0
mORF+_2880750	2880750	2880776	+	3	27	GTG	TAA	0	0
mORF+_2880793	2880793	2880813	+	1	21	TTG	TAA	0	0
mORF+_2880803	2880803	2880892	+	2	90	TTG	TAG	0	0
mORF+_2880895	2880895	2880975	+	1	81	ATG	TAA	0	0
mORF+_2880935	2880935	2881057	+	2	123	TTG	TGA	0	0
mORF+_2881042	2881042	2881245	+	1	204	TTG	TGA	0	0
mORF+_2881095	2881095	2881124	+	3	30	ATG	TAA	0	0
mORF+_2881236	2881236	2881262	+	3	27	GTG	TGA	0	0
mORF+_2881256	2881256	2881381	+	2	126	GTG	TAA	0	0
mORF+_2881318	2881318	2881335	+	1	18	ATG	TAG	0	0
mORF+_2881388	2881388	2881576	+	2	189	TTG	TGA	0	0
mORF+_2881447	2881447	2881467	+	1	21	ATG	TAG	0	0
mORF+_2881485	2881485	2881502	+	3	18	TTG	TAG	0	0
mORF+_2881537	2881537	2881554	+	1	18	TTG	TGA	0	0
mORF+_2881551	2881551	2881562	+	3	12	GTG	TAG	0	0
mORF+_2881567	2881567	2881587	+	1	21	TTG	TAA	0	0
mORF+_2881587	2881587	2881592	+	3	6	ATG	TGA	0	0
mORF+_2881589	2881589	2881702	+	2	114	GTG	TGA	0	0
mORF+_2881611	2881611	2881676	+	3	66	TTG	TAA	0	0
mORF+_2881695	2881695	2881715	+	3	21	GTG	TGA	0	0
mORF+_2881712	2881712	2881768	+	2	57	TTG	TGA	0	0
mORF+_2881746	2881746	2881772	+	3	27	ATG	TGA	0	0
mORF+_2881765	2881765	2882019	+	1	255	TTG	TAA	0	0
mORF+_2881769	2881769	2881879	+	2	111	TTG	TGA	0	0
mORF+_2881776	2881776	2881844	+	3	69	ATG	TGA	0	0
mORF+_2881910	2881910	2881921	+	2	12	ATG	TGA	0	0
mORF+_2881934	2881934	2882065	+	2	132	GTG	TGA	0	0
mORF+_2881977	2881977	2881991	+	3	15	TTG	TAA	0	0
mORF+_2882013	2882013	2882099	+	3	87	GTG	TGA	0	0
mORF+_2882086	2882086	2882301	+	1	216	TTG	TAA	0	0
mORF+_2882096	2882096	2882230	+	2	135	ATG	TAA	0	0
mORF+_2882175	2882175	2882258	+	3	84	ATG	TAA	0	0
mORF+_2882328	2882328	2882336	+	3	9	ATG	TGA	0	0
mORF+_2882330	2882330	2882440	+	2	111	GTG	TAA	0	0
mORF+_2882338	2882338	2882517	+	1	180	TTG	TAA	0	0
mORF+_2882358	2882358	2882396	+	3	39	ATG	TAA	0	0
mORF+_2882453	2882453	2882521	+	2	69	GTG	TAG	0	0
mORF+_2882490	2882490	2882597	+	3	108	ATG	TGA	0	0
mORF+_2882579	2882579	2882626	+	2	48	TTG	TAG	0	0
mORF+_2882735	2882735	2882788	+	2	54	GTG	TGA	0	0
mORF+_2882760	2882760	2882957	+	3	198	GTG	TGA	0	0
mORF+_2882785	2882785	2882793	+	1	9	ATG	TAG	0	0
mORF+_2882821	2882821	2882832	+	1	12	TTG	TGA	0	0
mORF+_2882839	2882839	2882856	+	1	18	TTG	TAA	0	0
mORF+_2882894	2882894	2883040	+	2	147	ATG	TAA	0	0

mORF_+_2883041	2883041	2883064	+	2	24	ATG	TAA	0	0
mORF_+_2883055	2883055	2883081	+	1	27	TTG	TAA	0	0
mORF_+_2883084	2883084	2883095	+	3	12	ATG	TAA	0	0
mORF_+_2883106	2883106	2883246	+	1	141	ATG	TAA	0	0
mORF_+_2883125	2883125	2883145	+	2	21	ATG	TAA	0	0
mORF_+_2883188	2883188	2883235	+	2	48	ATG	TGA	0	0
mORF_+_2883259	2883259	2883297	+	1	39	TTG	TAA	0	0
mORF_+_2883318	2883318	2883392	+	3	75	GTG	TAA	0	0
mORF_+_2883322	2883322	2883474	+	1	153	TTG	TAG	0	0
mORF_+_2883377	2883377	2883442	+	2	66	TTG	TGA	0	0
mORF_+_2883464	2883464	2883493	+	2	30	GTG	TAG	0	0
mORF_+_2883487	2883487	2883573	+	1	87	TTG	TAA	0	0
mORF_+_2883501	2883501	2883527	+	3	27	GTG	TAA	0	0
mORF_+_2883518	2883518	2883622	+	2	105	TTG	TGA	0	0
mORF_+_2883537	2883537	2883581	+	3	45	GTG	TAA	0	0
mORF_+_2883643	2883643	2883660	+	1	18	TTG	TAG	0	0
mORF_+_2883673	2883673	2883786	+	1	114	TTG	TAG	0	0
mORF_+_2883701	2883701	2883751	+	2	51	ATG	TAA	0	0
mORF_+_2883705	2883705	2883806	+	3	102	GTG	TAA	0	0
mORF_+_2883833	2883833	2883865	+	2	33	TTG	TAG	0	0
mORF_+_2883866	2883866	2883874	+	2	9	GTG	TAA	0	0
mORF_+_2883877	2883877	2883897	+	1	21	ATG	TAA	0	0
mORF_+_2883934	2883934	2884020	+	1	87	GTG	TGA	0	0
mORF_+_2883974	2883974	2884030	+	2	57	GTG	TGA	0	0
mORF_+_2884017	2884017	2884070	+	3	54	GTG	TAA	0	0
mORF_+_2884054	2884054	2884080	+	1	27	TTG	TGA	0	0
mORF_+_2884077	2884077	2884106	+	3	30	GTG	TAA	0	0
mORF_+_2884090	2884090	2884113	+	1	24	TTG	TGA	0	0
mORF_+_2884110	2884110	2884133	+	3	24	GTG	TAA	0	0
mORF_+_2884115	2884115	2884123	+	2	9	TTG	TGA	0	0
mORF_+_2884120	2884120	2884146	+	1	27	ATG	TGA	0	0
mORF_+_2884137	2884137	2884181	+	3	45	TTG	TAA	0	0
mORF_+_2884153	2884153	2884347	+	1	195	GTG	TAA	0	0
mORF_+_2884203	2884203	2884223	+	3	21	GTG	TAA	0	0
mORF_+_2884299	2884299	2884517	+	3	219	GTG	TAA	0	0
mORF_+_2884357	2884357	2884386	+	1	30	TTG	TAG	0	0
mORF_+_2884376	2884376	2884393	+	2	18	TTG	TGA	0	0
mORF_+_2884390	2884390	2884419	+	1	30	ATG	TGA	0	0
mORF_+_2884493	2884493	2884696	+	2	204	ATG	TAA	0	0
mORF_+_2884533	2884533	2884538	+	3	6	TTG	TAG	0	0
mORF_+_2884584	2884584	2884616	+	3	33	GTG	TAG	0	0
mORF_+_2884641	2884641	2884757	+	3	117	ATG	TAA	0	0
mORF_+_2884684	2884684	2884752	+	1	69	TTG	TAA	0	0
mORF_+_2884762	2884762	2884860	+	1	99	ATG	TGA	0	0
mORF_+_2884788	2884788	2884835	+	3	48	ATG	TGA	0	0
mORF_+_2884863	2884863	2884877	+	3	15	GTG	TAA	0	0
mORF_+_2884900	2884900	2884929	+	1	30	ATG	TGA	0	0
mORF_+_2884923	2884923	2884940	+	3	18	GTG	TAA	0	0
mORF_+_2884941	2884941	2885033	+	3	93	GTG	TGA	0	0
mORF_+_2884990	2884990	2885040	+	1	51	TTG	TAA	0	0
mORF_+_2885030	2885030	2885113	+	2	84	ATG	TGA	0	0
mORF_+_2885064	2885064	2885231	+	3	168	TTG	TAA	0	0
mORF_+_2885095	2885095	2885109	+	1	15	TTG	TGA	0	0
mORF_+_2885110	2885110	2885163	+	1	54	TTG	TAA	0	0
mORF_+_2885167	2885167	2885199	+	1	33	ATG	TGA	0	0
mORF_+_2885215	2885215	2885244	+	1	30	ATG	TAA	0	0
mORF_+_2885273	2885273	2885326	+	2	54	ATG	TGA	0	0
mORF_+_2885323	2885323	2885364	+	1	42	GTG	TAA	0	0
mORF_+_2885334	2885334	2885732	+	3	399	ATG	TGA	0	0
mORF_+_2885339	2885339	2885404	+	2	66	TTG	TGA	0	0
mORF_+_2885377	2885377	2885496	+	1	120	TTG	TGA	0	0
mORF_+_2885426	2885426	2885455	+	2	30	TTG	TAA	0	0
mORF_+_2885533	2885533	2885550	+	1	18	ATG	TAA	0	0

mORF_+_2885609	2885609	2885614	+	2	6	GTG	TAA	0	0	
mORF_+_2885683	2885683	2885769	+	1	87	TTG	TAG	0	0	
mORF_+_2885687	2885687	2885707	+	2	21	ATG	TAA	0	0	
mORF_+_2885729	2885729	2885836	+	2	108	GTG	TAA	0	0	
mORF_+_2885821	2885821	2885934	+	1	114	TTG	TGA	0	0	
mORF_+_2885838	2885838	2885987	+	3	150	TTG	TAG	0	0	
mORF_+_2885855	2885855	2886058	+	2	204	TTG	TAA	0	0	
mORF_+_2885989	2885989	2886018	+	1	30	GTG	TAG	0	0	
mORF_+_2886036	2886036	2886077	+	3	42	TTG	TAG	0	0	
mORF_+_2886105	2886105	2886137	+	3	33	GTG	TGA	0	0	
mORF_+_2886134	2886134	2886319	+	2	186	TTG	TAG	0	0	
mORF_+_2886168	2886168	2886452	+	3	285	ATG	TGA	0	0	
mORF_+_2886349	2886349	2886405	+	1	57	TTG	TGA	0	0	
mORF_+_2886449	2886449	2886622	+	2	174	ATG	TAG	0	0	
mORF_+_2886576	2886576	2886722	+	3	147	GTG	TGA	0	0	
mORF_+_2886610	2886610	2886741	+	1	132	ATG	TAA	0	0	
mORF_+_2886749	2886749	2887015	+	2	267	ATG	TAA	0	0	
mORF_+_2886813	2886813	2886851	+	3	39	ATG	TGA	0	0	
mORF_+_2886964	2886964	2888016	+	1	1053	GTG	TAA	1	6	pORF_+_2886964
mORF_+_2887022	2887022	2887246	+	2	225	ATG	TGA	0	0	
mORF_+_2887113	2887113	2887136	+	3	24	ATG	TGA	0	0	
mORF_+_2887248	2887248	2887376	+	3	129	TTG	TAA	0	0	
mORF_+_2887313	2887313	2887324	+	2	12	GTG	TAG	0	0	
mORF_+_2887331	2887331	2887492	+	2	162	TTG	TAG	0	0	
mORF_+_2887449	2887449	2887475	+	3	27	GTG	TGA	0	0	
mORF_+_2887523	2887523	2887639	+	2	117	GTG	TAA	0	0	
mORF_+_2887649	2887649	2887762	+	2	114	GTG	TGA	0	0	
mORF_+_2887775	2887775	2887798	+	2	24	TTG	TAG	0	0	
mORF_+_2887799	2887799	2887948	+	2	150	ATG	TGA	0	0	
mORF_+_2887952	2887952	2888044	+	2	93	ATG	TAG	0	0	
mORF_+_2888045	2888045	2888257	+	2	213	TTG	TAG	0	0	
mORF_+_2888053	2888053	2888097	+	1	45	ATG	TAA	0	0	
mORF_+_2888107	2888107	2888124	+	1	18	ATG	TAG	0	0	
mORF_+_2888188	2888188	2888274	+	1	87	GTG	TAA	0	0	
mORF_+_2888275	2888275	2888343	+	1	69	ATG	TAA	0	0	
mORF_+_2888277	2888277	2888795	+	3	519	GTG	TAG	0	0	
mORF_+_2888384	2888384	2888404	+	2	21	GTG	TGA	0	0	
mORF_+_2888401	2888401	2888409	+	1	9	TTG	TAG	0	0	
mORF_+_2888536	2888536	2888694	+	1	159	GTG	TAA	0	0	
mORF_+_2888710	2888710	2888862	+	1	153	GTG	TAA	0	0	
mORF_+_2888813	2888813	2888917	+	2	105	GTG	TAA	0	0	
mORF_+_2888862	2888862	2888870	+	3	9	ATG	TAA	0	0	
mORF_+_2888920	2888920	2888928	+	1	9	GTG	TAA	0	0	
mORF_+_2888938	2888938	2889081	+	1	144	ATG	TGA	0	0	
mORF_+_2888967	2888967	2888978	+	3	12	GTG	TAG	0	0	
mORF_+_2889065	2889065	2889181	+	2	117	GTG	TAA	0	0	
mORF_+_2889118	2889118	2889450	+	1	333	ATG	TAA	1	2	pORF_+_2889118
mORF_+_2889147	2889147	2889572	+	3	426	ATG	TGA	1	2	pORF_+_2889147
mORF_+_2889281	2889281	2889307	+	2	27	GTG	TAA	0	0	
mORF_+_2889484	2889484	2889621	+	1	138	GTG	TAG	0	0	
mORF_+_2889497	2889497	2889586	+	2	90	TTG	TGA	0	0	
mORF_+_2889606	2889606	2889662	+	3	57	TTG	TAA	0	0	
mORF_+_2889653	2889653	2889724	+	2	72	TTG	TAA	0	0	
mORF_+_2889700	2889700	2889786	+	1	87	TTG	TGA	0	0	
mORF_+_2889708	2889708	2889839	+	3	132	TTG	TAA	0	0	
mORF_+_2889787	2889787	2889807	+	1	21	TTG	TAG	0	0	
mORF_+_2889829	2889829	2889858	+	1	30	GTG	TGA	0	0	
mORF_+_2889863	2889863	2889940	+	2	78	GTG	TAA	0	0	
mORF_+_2889870	2889870	2889992	+	3	123	TTG	TAA	0	0	
mORF_+_2889919	2889919	2889975	+	1	57	ATG	TAA	0	0	
mORF_+_2890010	2890010	2890057	+	2	48	GTG	TAA	0	0	
mORF_+_2890012	2890012	2890020	+	1	9	GTG	TAA	0	0	
mORF_+_2890105	2890105	2890119	+	1	15	ATG	TGA	0	0	

mORF_+_2890116	2890116	2890136	+	3	21	ATG	TAA	0	0
mORF_+_2890152	2890152	2890601	+	3	450	TTG	TGA	0	0
mORF_+_2890177	2890177	2890239	+	1	63	ATG	TGA	0	0
mORF_+_2890313	2890313	2890405	+	2	93	ATG	TGA	0	0
mORF_+_2890315	2890315	2890410	+	1	96	GTG	TAA	0	0
mORF_+_2890459	2890459	2890500	+	1	42	ATG	TAG	0	0
mORF_+_2890505	2890505	2890525	+	2	21	ATG	TAA	0	0
mORF_+_2890531	2890531	2890545	+	1	15	TTG	TAA	0	0
mORF_+_2890546	2890546	2890554	+	1	9	GTG	TGA	0	0
mORF_+_2890580	2890580	2890636	+	2	57	TTG	TAA	0	0
mORF_+_2890609	2890609	2890632	+	1	24	GTG	TAA	0	0
mORF_+_2890641	2890641	2890868	+	3	228	ATG	TGA	0	0
mORF_+_2890649	2890649	2891950	+	2	1302	GTG	TAG	0	0
mORF_+_2890654	2890654	2890677	+	1	24	GTG	TGA	0	0
mORF_+_2890732	2890732	2890788	+	1	57	TTG	TGA	0	0
mORF_+_2890878	2890878	2890916	+	3	39	TTG	TAA	0	0
mORF_+_2890923	2890923	2890931	+	3	9	ATG	TAA	0	0
mORF_+_2890959	2890959	2891177	+	3	219	GTG	TAG	0	0
mORF_+_2890996	2890996	2891067	+	1	72	GTG	TGA	0	0
mORF_+_2891095	2891095	2891103	+	1	9	TTG	TGA	0	0
mORF_+_2891247	2891247	2891366	+	3	120	TTG	TAG	0	0
mORF_+_2891370	2891370	2891426	+	3	57	TTG	TGA	0	0
mORF_+_2891374	2891374	2891436	+	1	63	TTG	TAA	0	0
mORF_+_2891487	2891487	2891627	+	3	141	ATG	TGA	0	0
mORF_+_2891581	2891581	2891847	+	1	267	TTG	TGA	0	0
mORF_+_2891736	2891736	2891810	+	3	75	ATG	TAA	0	0
mORF_+_2891844	2891844	2891957	+	3	114	GTG	TAA	0	0
mORF_+_2891905	2891905	2892201	+	1	297	GTG	TAA	0	0
mORF_+_2891969	2891969	2892031	+	2	63	TTG	TGA	0	0
mORF_+_2892086	2892086	2892205	+	2	120	TTG	TAA	0	0
mORF_+_2892099	2892099	2892254	+	3	156	TTG	TGA	0	0
mORF_+_2892218	2892218	2892793	+	2	576	ATG	TGA	0	0
mORF_+_2892255	2892255	2892449	+	3	195	TTG	TGA	0	0
mORF_+_2892304	2892304	2892351	+	1	48	ATG	TAA	0	0
mORF_+_2892546	2892546	2892653	+	3	108	TTG	TGA	0	0
mORF_+_2892604	2892604	2892612	+	1	9	TTG	TGA	0	0
mORF_+_2892678	2892678	2892776	+	3	99	TTG	TAG	0	0
mORF_+_2892694	2892694	2892702	+	1	9	GTG	TGA	0	0
mORF_+_2892790	2892790	2892801	+	1	12	TTG	TAA	0	0
mORF_+_2892812	2892812	2892826	+	2	15	TTG	TGA	0	0
mORF_+_2892823	2892823	2893053	+	1	231	TTG	TAA	0	0
mORF_+_2892828	2892828	2892833	+	3	6	TTG	TAG	0	0
mORF_+_2892944	2892944	2893024	+	2	81	TTG	TGA	0	0
mORF_+_2892960	2892960	2893049	+	3	90	ATG	TGA	0	0
mORF_+_2893046	2893046	2893093	+	2	48	ATG	TAA	0	0
mORF_+_2893068	2893068	2893211	+	3	144	TTG	TAG	0	0
mORF_+_2893135	2893135	2893245	+	1	111	GTG	TAG	0	0
mORF_+_2893145	2893145	2893309	+	2	165	ATG	TAA	0	0
mORF_+_2893309	2893309	2893323	+	1	15	ATG	TAA	0	0
mORF_+_2893341	2893341	2893433	+	3	93	GTG	TGA	0	0
mORF_+_2893385	2893385	2893453	+	2	69	TTG	TAG	0	0
mORF_+_2893469	2893469	2893486	+	2	18	TTG	TAG	0	0
mORF_+_2893499	2893499	2893534	+	2	36	GTG	TAA	0	0
mORF_+_2893506	2893506	2893694	+	3	189	TTG	TGA	0	0
mORF_+_2893522	2893522	2893731	+	1	210	TTG	TGA	0	0
mORF_+_2893562	2893562	2893567	+	2	6	ATG	TAA	0	0
mORF_+_2893709	2893709	2893825	+	2	117	GTG	TAG	0	0
mORF_+_2893753	2893753	2893821	+	1	69	TTG	TAA	0	0
mORF_+_2893800	2893800	2893958	+	3	159	ATG	TAA	0	0
mORF_+_2893840	2893840	2894391	+	1	552	TTG	TAA	0	0
mORF_+_2894096	2894096	2894239	+	2	144	GTG	TGA	0	0
mORF_+_2894172	2894172	2894216	+	3	45	ATG	TAA	0	0
mORF_+_2894336	2894336	2894344	+	2	9	ATG	TAG	0	0

mORF_+_2894358	2894358	2894558	+	3	201	ATG	TAA	0	0	
mORF_+_2894375	2894375	2894503	+	2	129	ATG	TGA	0	0	
mORF_+_2894570	2894570	2894638	+	2	69	ATG	TAG	0	0	
mORF_+_2894629	2894629	2894691	+	1	63	GTG	TGA	0	0	
mORF_+_2894688	2894688	2895095	+	3	408	GTG	TAA	0	0	
mORF_+_2894693	2894693	2894887	+	2	195	TTG	TAA	0	0	
mORF_+_2894887	2894887	2894916	+	1	30	ATG	TGA	0	0	
mORF_+_2894926	2894926	2895027	+	1	102	TTG	TAA	0	0	
mORF_+_2894966	2894966	2894992	+	2	27	ATG	TAA	0	0	
mORF_+_2895079	2895079	2895141	+	1	63	TTG	TAA	0	0	
mORF_+_2895147	2895147	2895161	+	3	15	GTG	TAA	0	0	
mORF_+_2895180	2895180	2895242	+	3	63	TTG	TAG	0	0	
mORF_+_2895185	2895185	2895223	+	2	39	GTG	TAA	0	0	
mORF_+_2895227	2895227	2895289	+	2	63	ATG	TAG	0	0	
mORF_+_2895295	2895295	2895330	+	1	36	GTG	TAA	0	0	
mORF_+_2895355	2895355	2895396	+	1	42	ATG	TAA	0	0	
mORF_+_2895398	2895398	2895517	+	2	120	GTG	TGA	0	0	
mORF_+_2895415	2895415	2895450	+	1	36	TTG	TGA	0	0	
mORF_+_2895451	2895451	2895564	+	1	114	ATG	TAA	0	0	
mORF_+_2895504	2895504	2895509	+	3	6	GTG	TGA	0	0	
mORF_+_2895537	2895537	2895764	+	3	228	ATG	TGA	0	0	
mORF_+_2895566	2895566	2895595	+	2	30	ATG	TAA	0	0	
mORF_+_2895641	2895641	2895862	+	2	222	TTG	TAA	0	0	
mORF_+_2895768	2895768	2895776	+	3	9	ATG	TAA	0	0	
mORF_+_2895780	2895780	2895797	+	3	18	ATG	TAA	0	0	
mORF_+_2895811	2895811	2895825	+	1	15	GTG	TGA	0	0	
mORF_+_2895822	2895822	2895845	+	3	24	GTG	TGA	0	0	
mORF_+_2895880	2895880	2895981	+	1	102	GTG	TGA	0	0	
mORF_+_2895885	2895885	2896004	+	3	120	GTG	TAG	0	0	
mORF_+_2896023	2896023	2896100	+	3	78	ATG	TGA	0	0	
mORF_+_2896079	2896079	2896666	+	2	588	GTG	TGA	1	2	pORF_+_2896079
mORF_+_2896152	2896152	2896235	+	3	84	ATG	TAA	0	0	
mORF_+_2896251	2896251	2896268	+	3	18	ATG	TGA	0	0	
mORF_+_2896296	2896296	2896355	+	3	60	ATG	TAG	0	0	
mORF_+_2896365	2896365	2896520	+	3	156	ATG	TAG	0	0	
mORF_+_2896563	2896563	2896736	+	3	174	ATG	TAG	0	0	
mORF_+_2896663	2896663	2896689	+	1	27	TTG	TGA	0	0	
mORF_+_2896749	2896749	2896799	+	3	51	TTG	TAG	0	0	
mORF_+_2896804	2896804	2896824	+	1	21	ATG	TGA	0	0	
mORF_+_2896815	2896815	2896832	+	3	18	TTG	TGA	0	0	
mORF_+_2896829	2896829	2897005	+	2	177	GTG	TGA	0	0	
mORF_+_2896836	2896836	2896940	+	3	105	ATG	TAG	0	0	
mORF_+_2896858	2896858	2896872	+	1	15	GTG	TAA	0	0	
mORF_+_2896876	2896876	2896881	+	1	6	GTG	TGA	0	0	
mORF_+_2896930	2896930	2897115	+	1	186	TTG	TAA	0	0	
mORF_+_2896944	2896944	2897030	+	3	87	GTG	TAA	0	0	
mORF_+_2897015	2897015	2897359	+	2	345	ATG	TAA	0	0	
mORF_+_2897115	2897115	2897123	+	3	9	ATG	TGA	0	0	
mORF_+_2897127	2897127	2897306	+	3	180	ATG	TAA	0	0	
mORF_+_2897307	2897307	2897315	+	3	9	ATG	TGA	0	0	
mORF_+_2897465	2897465	2897473	+	2	9	ATG	TAA	0	0	
mORF_+_2897505	2897505	2897513	+	3	9	ATG	TAG	0	0	
mORF_+_2897546	2897546	2897602	+	2	57	ATG	TAA	0	0	
mORF_+_2897553	2897553	2897561	+	3	9	TTG	TAA	0	0	
mORF_+_2897566	2897566	2897688	+	1	123	ATG	TAA	0	0	
mORF_+_2897636	2897636	2897746	+	2	111	ATG	TAG	0	0	
mORF_+_2897655	2897655	2897702	+	3	48	TTG	TAA	0	0	
mORF_+_2897695	2897695	2897769	+	1	75	TTG	TGA	0	0	
mORF_+_2897763	2897763	2897828	+	3	66	TTG	TAA	0	0	
mORF_+_2897783	2897783	2897809	+	2	27	ATG	TGA	0	0	
mORF_+_2897800	2897800	2897850	+	1	51	ATG	TAA	0	0	
mORF_+_2897813	2897813	2897824	+	2	12	TTG	TAA	0	0	
mORF_+_2897856	2897856	2897897	+	3	42	TTG	TAG	0	0	

mORF_+_2897884	2897884	2898000	+	1	117	TTG	TAA	0	0	
mORF_+_2897994	2897994	2898392	+	3	399	TTG	TAA	0	0	
mORF_+_2898124	2898124	2898144	+	1	21	TTG	TGA	0	0	
mORF_+_2898166	2898166	2898228	+	1	63	TTG	TAA	0	0	
mORF_+_2898232	2898232	2898279	+	1	48	TTG	TGA	0	0	
mORF_+_2898289	2898289	2898297	+	1	9	TTG	TAG	0	0	
mORF_+_2898419	2898419	2898424	+	2	6	ATG	TGA	0	0	
mORF_+_2898421	2898421	2898441	+	1	21	GTG	TGA	0	0	
mORF_+_2898438	2898438	2898644	+	3	207	GTG	TAA	0	0	
mORF_+_2898478	2898478	2898543	+	1	66	GTG	TGA	0	0	
mORF_+_2898601	2898601	2898660	+	1	60	ATG	TAG	0	0	
mORF_+_2898614	2898614	2899891	+	2	1278	ATG	TAA	0	0	
mORF_+_2898774	2898774	2898845	+	3	72	TTG	TGA	0	0	
mORF_+_2898907	2898907	2898978	+	1	72	GTG	TAA	0	0	
mORF_+_2898936	2898936	2898944	+	3	9	TTG	TAA	0	0	
mORF_+_2898993	2898993	2899058	+	3	66	TTG	TAA	0	0	
mORF_+_2899081	2899081	2899110	+	1	30	GTG	TGA	0	0	
mORF_+_2899098	2899098	2899124	+	3	27	TTG	TGA	0	0	
mORF_+_2899146	2899146	2899301	+	3	156	GTG	TGA	0	0	
mORF_+_2899174	2899174	2899191	+	1	18	GTG	TAG	0	0	
mORF_+_2899288	2899288	2899551	+	1	264	TTG	TAA	0	0	
mORF_+_2899305	2899305	2899334	+	3	30	TTG	TGA	0	0	
mORF_+_2899365	2899365	2899406	+	3	42	ATG	TGA	0	0	
mORF_+_2899440	2899440	2899451	+	3	12	TTG	TAA	0	0	
mORF_+_2899575	2899575	2899583	+	3	9	TTG	TGA	0	0	
mORF_+_2899687	2899687	2899860	+	1	174	TTG	TGA	0	0	
mORF_+_2899698	2899698	2899790	+	3	93	TTG	TGA	0	0	
mORF_+_2899806	2899806	2899817	+	3	12	TTG	TGA	0	0	
mORF_+_2899818	2899818	2899946	+	3	129	TTG	TGA	0	0	
mORF_+_2899918	2899918	2901396	+	1	1479	ATG	TAA	1	3	pORF_+_2899918
mORF_+_2899943	2899943	2899975	+	2	33	TTG	TGA	0	0	
mORF_+_2900001	2900001	2900066	+	3	66	TTG	TGA	0	0	
mORF_+_2900042	2900042	2900110	+	2	69	ATG	TGA	0	0	
mORF_+_2900076	2900076	2900132	+	3	57	ATG	TAA	0	0	
mORF_+_2900120	2900120	2900188	+	2	69	TTG	TGA	0	0	
mORF_+_2900169	2900169	2900222	+	3	54	TTG	TAG	0	0	
mORF_+_2900195	2900195	2900218	+	2	24	ATG	TGA	0	0	
mORF_+_2900231	2900231	2900305	+	2	75	ATG	TGA	0	0	
mORF_+_2900351	2900351	2900407	+	2	57	TTG	TAA	0	0	
mORF_+_2900358	2900358	2900375	+	3	18	GTG	TAA	0	0	
mORF_+_2900385	2900385	2900414	+	3	30	ATG	TAA	0	0	
mORF_+_2900441	2900441	2900554	+	2	114	TTG	TAG	0	0	
mORF_+_2900529	2900529	2900543	+	3	15	TTG	TGA	0	0	
mORF_+_2900579	2900579	2900596	+	2	18	ATG	TAA	0	0	
mORF_+_2900603	2900603	2900623	+	2	21	TTG	TGA	0	0	
mORF_+_2900702	2900702	2900740	+	2	39	ATG	TGA	0	0	
mORF_+_2900730	2900730	2900852	+	3	123	GTG	TAA	0	0	
mORF_+_2900780	2900780	2900860	+	2	81	ATG	TGA	0	0	
mORF_+_2900889	2900889	2900927	+	3	39	GTG	TGA	0	0	
mORF_+_2900924	2900924	2900983	+	2	60	TTG	TGA	0	0	
mORF_+_2900946	2900946	2901014	+	3	69	ATG	TAA	0	0	
mORF_+_2901014	2901014	2901022	+	2	9	ATG	TGA	0	0	
mORF_+_2901029	2901029	2901043	+	2	15	TTG	TGA	0	0	
mORF_+_2901089	2901089	2901172	+	2	84	TTG	TAG	0	0	
mORF_+_2901135	2901135	2901161	+	3	27	TTG	TAA	0	0	
mORF_+_2901245	2901245	2901277	+	2	33	TTG	TGA	0	0	
mORF_+_2901314	2901314	2901319	+	2	6	ATG	TGA	0	0	
mORF_+_2901335	2901335	2901343	+	2	9	ATG	TGA	0	0	
mORF_+_2901347	2901347	2901400	+	2	54	ATG	TGA	0	0	
mORF_+_2901397	2901397	2901441	+	1	45	GTG	TGA	0	0	
mORF_+_2901442	2901442	2901486	+	1	45	ATG	TAA	0	0	
mORF_+_2901490	2901490	2901519	+	1	30	ATG	TGA	0	0	
mORF_+_2901519	2901519	2901533	+	3	15	ATG	TAA	0	0	

mORF_+_2901593	2901593	2901607	+	2	15	ATG	TAA	0	0	
mORF_+_2901649	2901649	2901711	+	1	63	ATG	TAA	0	0	
mORF_+_2901766	2901766	2901843	+	1	78	ATG	TAA	0	0	
mORF_+_2901889	2901889	2901918	+	1	30	TTG	TAA	0	0	
mORF_+_2901919	2901919	2901924	+	1	6	TTG	TGA	0	0	
mORF_+_2901921	2901921	2901998	+	3	78	GTG	TAA	0	0	
mORF_+_2901949	2901949	2902011	+	1	63	TTG	TGA	0	0	
mORF_+_2902008	2902008	2902022	+	3	15	TTG	TAA	0	0	
mORF_+_2902031	2902031	2902327	+	2	297	ATG	TAA	0	0	
mORF_+_2902141	2902141	2902272	+	1	132	ATG	TGA	0	0	
mORF_+_2902149	2902149	2902451	+	3	303	TTG	TAA	0	0	
mORF_+_2902327	2902327	2902434	+	1	108	ATG	TAA	0	0	
mORF_+_2902397	2902397	2902543	+	2	147	TTG	TGA	0	0	
mORF_+_2902455	2902455	2902466	+	3	12	ATG	TAA	0	0	
mORF_+_2902518	2902518	2902535	+	3	18	ATG	TAA	0	0	
mORF_+_2902540	2902540	2902563	+	1	24	TTG	TAA	0	0	
mORF_+_2902631	2902631	2902648	+	2	18	ATG	TAG	0	0	
mORF_+_2902652	2902652	2902714	+	2	63	ATG	TAA	0	0	
mORF_+_2902672	2902672	2902722	+	1	51	ATG	TAG	0	0	
mORF_+_2902715	2902715	2902768	+	2	54	ATG	TAA	0	0	
mORF_+_2902761	2902761	2903009	+	3	249	ATG	TAG	0	0	
mORF_+_2902790	2902790	2902921	+	2	132	ATG	TAG	0	0	
mORF_+_2902792	2902792	2902869	+	1	78	GTG	TAA	0	0	
mORF_+_2902879	2902879	2902887	+	1	9	GTG	TGA	0	0	
mORF_+_2902912	2902912	2902968	+	1	57	TTG	TGA	0	0	
mORF_+_2902961	2902961	2902996	+	2	36	ATG	TGA	0	0	
mORF_+_2902987	2902987	2903043	+	1	57	GTG	TAA	0	0	
mORF_+_2903019	2903019	2903075	+	3	57	ATG	TGA	0	0	
mORF_+_2903056	2903056	2903103	+	1	48	GTG	TAA	0	0	
mORF_+_2903072	2903072	2903359	+	2	288	ATG	TAA	0	0	
mORF_+_2903131	2903131	2903169	+	1	39	GTG	TAA	0	0	
mORF_+_2903148	2903148	2903393	+	3	246	ATG	TAA	1	2	pORF_+_2903148
mORF_+_2903402	2903402	2903470	+	2	69	TTG	TAA	0	0	
mORF_+_2903451	2903451	2903531	+	3	81	GTG	TAA	0	0	
mORF_+_2903464	2903464	2903508	+	1	45	TTG	TAA	0	0	
mORF_+_2903474	2903474	2903563	+	2	90	TTG	TAA	0	0	
mORF_+_2903538	2903538	2903657	+	3	120	ATG	TAG	0	0	
mORF_+_2903579	2903579	2903719	+	2	141	ATG	TAA	0	0	
mORF_+_2903664	2903664	2904605	+	3	942	ATG	TAA	0	0	
mORF_+_2903719	2903719	2903733	+	1	15	ATG	TAA	0	0	
mORF_+_2903765	2903765	2903836	+	2	72	ATG	TAG	0	0	
mORF_+_2903773	2903773	2903841	+	1	69	TTG	TAA	0	0	
mORF_+_2903908	2903908	2903919	+	1	12	TTG	TAA	0	0	
mORF_+_2903920	2903920	2903988	+	1	69	TTG	TAG	0	0	
mORF_+_2903978	2903978	2904004	+	2	27	TTG	TAA	0	0	
mORF_+_2903992	2903992	2904018	+	1	27	ATG	TGA	0	0	
mORF_+_2904022	2904022	2904060	+	1	39	TTG	TAG	0	0	
mORF_+_2904064	2904064	2904084	+	1	21	ATG	TAA	0	0	
mORF_+_2904088	2904088	2904123	+	1	36	ATG	TGA	0	0	
mORF_+_2904232	2904232	2904291	+	1	60	GTG	TGA	0	0	
mORF_+_2904275	2904275	2904328	+	2	54	TTG	TAA	0	0	
mORF_+_2904332	2904332	2904346	+	2	15	TTG	TAA	0	0	
mORF_+_2904349	2904349	2904381	+	1	33	GTG	TAG	0	0	
mORF_+_2904415	2904415	2904681	+	1	267	TTG	TGA	0	0	
mORF_+_2904470	2904470	2904499	+	2	30	ATG	TAG	0	0	
mORF_+_2904620	2904620	2905849	+	2	1230	ATG	TGA	0	0	
mORF_+_2904678	2904678	2904857	+	3	180	TTG	TGA	0	0	
mORF_+_2904703	2904703	2904753	+	1	51	GTG	TAG	0	0	
mORF_+_2904870	2904870	2904875	+	3	6	GTG	TAG	0	0	
mORF_+_2904894	2904894	2905142	+	3	249	TTG	TGA	0	0	
mORF_+_2904898	2904898	2904936	+	1	39	TTG	TGA	0	0	
mORF_+_2905057	2905057	2905101	+	1	45	ATG	TAG	0	0	
mORF_+_2905143	2905143	2905208	+	3	66	GTG	TAG	0	0	

mORF_+_2905239	2905239	2905262	+	3	24	GTG	TAA	0	0
mORF_+_2905308	2905308	2905331	+	3	24	TTG	TAG	0	0
mORF_+_2905353	2905353	2905391	+	3	39	GTG	TGA	0	0
mORF_+_2905381	2905381	2905458	+	1	78	TTG	TGA	0	0
mORF_+_2905410	2905410	2905451	+	3	42	ATG	TGA	0	0
mORF_+_2905455	2905455	2905706	+	3	252	ATG	TGA	0	0
mORF_+_2905633	2905633	2905686	+	1	54	TTG	TGA	0	0
mORF_+_2905719	2905719	2905736	+	3	18	TTG	TGA	0	0
mORF_+_2905767	2905767	2905985	+	3	219	TTG	TAG	0	0
mORF_+_2905886	2905886	2905966	+	2	81	ATG	TAG	0	0
mORF_+_2906030	2906030	2906041	+	2	12	TTG	TAA	0	0
mORF_+_2906111	2906111	2906533	+	2	423	GTG	TAA	0	0
mORF_+_2906122	2906122	2906130	+	1	9	GTG	TAG	0	0
mORF_+_2906187	2906187	2906204	+	3	18	ATG	TGA	0	0
mORF_+_2906262	2906262	2906279	+	3	18	ATG	TAA	0	0
mORF_+_2906302	2906302	2906442	+	1	141	TTG	TAA	0	0
mORF_+_2906313	2906313	2906525	+	3	213	TTG	TAA	0	0
mORF_+_2906556	2906556	2906567	+	3	12	ATG	TAA	0	0
mORF_+_2906574	2906574	2906627	+	3	54	TTG	TAG	0	0
mORF_+_2906650	2906650	2906667	+	1	18	TTG	TAA	0	0
mORF_+_2906696	2906696	2906701	+	2	6	TTG	TGA	0	0
mORF_+_2906698	2906698	2906715	+	1	18	GTG	TGA	0	0
mORF_+_2906712	2906712	2906777	+	3	66	TTG	TAA	0	0
mORF_+_2906747	2906747	2906770	+	2	24	GTG	TGA	0	0
mORF_+_2906755	2906755	2906820	+	1	66	GTG	TGA	0	0
mORF_+_2906793	2906793	2906915	+	3	123	ATG	TAA	0	0
mORF_+_2906958	2906958	2907116	+	3	159	ATG	TGA	0	0
mORF_+_2907013	2907013	2907132	+	1	120	ATG	TGA	0	0
mORF_+_2907110	2907110	2907712	+	2	603	GTG	TGA	0	0
mORF_+_2907123	2907123	2907290	+	3	168	TTG	TGA	0	0
mORF_+_2907318	2907318	2907368	+	3	51	TTG	TAG	0	0
mORF_+_2907322	2907322	2907330	+	1	9	TTG	TAG	0	0
mORF_+_2907355	2907355	2907420	+	1	66	TTG	TGA	0	0
mORF_+_2907414	2907414	2907464	+	3	51	GTG	TAG	0	0
mORF_+_2907526	2907526	2907537	+	1	12	TTG	TAG	0	0
mORF_+_2907552	2907552	2907677	+	3	126	TTG	TAG	0	0
mORF_+_2907682	2907682	2907693	+	1	12	TTG	TGA	0	0
mORF_+_2907687	2907687	2907707	+	3	21	ATG	TAG	0	0
mORF_+_2907709	2907709	2907810	+	1	102	TTG	TGA	0	0
mORF_+_2907720	2907720	2907728	+	3	9	ATG	TAA	0	0
mORF_+_2907764	2907764	2907844	+	2	81	GTG	TAA	0	0
mORF_+_2907807	2907807	2907830	+	3	24	TTG	TAG	0	0
mORF_+_2907845	2907845	2907886	+	2	42	ATG	TGA	0	0
mORF_+_2907883	2907883	2908086	+	1	204	ATG	TAA	0	0
mORF_+_2907899	2907899	2907910	+	2	12	TTG	TAA	0	0
mORF_+_2907963	2907963	2908103	+	3	141	TTG	TAA	0	0
mORF_+_2908087	2908087	2908284	+	1	198	ATG	TAA	0	0
mORF_+_2908106	2908106	2908201	+	2	96	GTG	TAG	0	0
mORF_+_2908247	2908247	2908489	+	2	243	TTG	TGA	0	0
mORF_+_2908321	2908321	2908434	+	1	114	ATG	TAA	0	0
mORF_+_2908495	2908495	2908521	+	1	27	TTG	TAG	0	0
mORF_+_2908568	2908568	2908588	+	2	21	ATG	TAG	0	0
mORF_+_2908601	2908601	2908606	+	2	6	GTG	TAA	0	0
mORF_+_2908613	2908613	2908702	+	2	90	ATG	TGA	0	0
mORF_+_2908623	2908623	2908679	+	3	57	ATG	TAA	0	0
mORF_+_2908699	2908699	2908710	+	1	12	TTG	TGA	0	0
mORF_+_2908707	2908707	2908772	+	3	66	TTG	TAG	0	0
mORF_+_2908712	2908712	2908720	+	2	9	TTG	TGA	0	0
mORF_+_2908724	2908724	2908819	+	2	96	TTG	TAA	0	0
mORF_+_2908800	2908800	2908886	+	3	87	TTG	TGA	0	0
mORF_+_2908849	2908849	2909004	+	1	156	TTG	TGA	0	0
mORF_+_2908952	2908952	2909392	+	2	441	TTG	TAG	0	0
mORF_+_2908989	2908989	2909177	+	3	189	TTG	TGA	0	0

mORF_+_2909053	2909053	2909238	+	1	186	TTG	TAA	0	0	
mORF_+_2909325	2909325	2909363	+	3	39	GTG	TAA	0	0	
mORF_+_2909353	2909353	2909442	+	1	90	GTG	TAA	0	0	
mORF_+_2909415	2909415	2909420	+	3	6	TTG	TAG	0	0	
mORF_+_2909448	2909448	2909636	+	3	189	GTG	TAA	0	0	
mORF_+_2909485	2909485	2909526	+	1	42	TTG	TAA	0	0	
mORF_+_2909533	2909533	2909694	+	1	162	ATG	TAG	0	0	
mORF_+_2909719	2909719	2909922	+	1	204	ATG	TAG	0	0	
mORF_+_2909733	2909733	2909780	+	3	48	ATG	TGA	0	0	
mORF_+_2909850	2909850	2910248	+	3	399	GTG	TAA	1	2	pORF_+_2909850
mORF_+_2910013	2910013	2910075	+	1	63	TTG	TAA	0	0	
mORF_+_2910160	2910160	2910198	+	1	39	ATG	TGA	0	0	
mORF_+_2910221	2910221	2910226	+	2	6	TTG	TGA	0	0	
mORF_+_2910223	2910223	2910231	+	1	9	GTG	TAA	0	0	
mORF_+_2910239	2910239	2910283	+	2	45	TTG	TGA	0	0	
mORF_+_2910280	2910280	2910318	+	1	39	GTG	TAG	0	0	
mORF_+_2910319	2910319	2910390	+	1	72	GTG	TAA	0	0	
mORF_+_2910347	2910347	2910448	+	2	102	TTG	TAA	0	0	
mORF_+_2910363	2910363	2910410	+	3	48	GTG	TGA	0	0	
mORF_+_2910564	2910564	2910818	+	3	255	ATG	TAA	0	0	
mORF_+_2910575	2910575	2910712	+	2	138	GTG	TAG	0	0	
mORF_+_2910652	2910652	2910708	+	1	57	TTG	TGA	0	0	
mORF_+_2910725	2910725	2910739	+	2	15	TTG	TAG	0	0	
mORF_+_2910781	2910781	2910807	+	1	27	GTG	TAG	0	0	
mORF_+_2910797	2910797	2910940	+	2	144	GTG	TAA	0	0	
mORF_+_2910898	2910898	2910906	+	1	9	ATG	TAG	0	0	
mORF_+_2910907	2910907	2910972	+	1	66	ATG	TGA	0	0	
mORF_+_2910909	2910909	2911259	+	3	351	GTG	TAA	0	0	
mORF_+_2910988	2910988	2910993	+	1	6	ATG	TAG	0	0	
mORF_+_2911027	2911027	2911062	+	1	36	TTG	TAA	0	0	
mORF_+_2911049	2911049	2911117	+	2	69	TTG	TAG	0	0	
mORF_+_2911124	2911124	2911222	+	2	99	GTG	TGA	0	0	
mORF_+_2911132	2911132	2911200	+	1	69	ATG	TGA	0	0	
mORF_+_2911219	2911219	2911353	+	1	135	TTG	TGA	0	0	
mORF_+_2911305	2911305	2911469	+	3	165	GTG	TAA	0	0	
mORF_+_2911411	2911411	2911728	+	1	318	TTG	TAA	0	0	
mORF_+_2911469	2911469	2911597	+	2	129	ATG	TAA	0	0	
mORF_+_2911527	2911527	2911571	+	3	45	ATG	TAA	0	0	
mORF_+_2911607	2911607	2911648	+	2	42	TTG	TGA	0	0	
mORF_+_2911650	2911650	2911688	+	3	39	ATG	TAG	0	0	
mORF_+_2911652	2911652	2911819	+	2	168	GTG	TAA	0	0	
mORF_+_2911764	2911764	2911868	+	3	105	GTG	TAA	0	0	
mORF_+_2911768	2911768	2911881	+	1	114	GTG	TAG	0	0	
mORF_+_2911898	2911898	2912026	+	2	129	TTG	TAA	0	0	
mORF_+_2911978	2911978	2911983	+	1	6	TTG	TGA	0	0	
mORF_+_2911980	2911980	2912006	+	3	27	GTG	TGA	0	0	
mORF_+_2912102	2912102	2912257	+	2	156	TTG	TAA	0	0	
mORF_+_2912104	2912104	2912124	+	1	21	GTG	TAA	0	0	
mORF_+_2912127	2912127	2912231	+	3	105	TTG	TGA	0	0	
mORF_+_2912269	2912269	2912469	+	1	201	TTG	TAG	0	0	
mORF_+_2912351	2912351	2912392	+	2	42	ATG	TAG	0	0	
mORF_+_2912402	2912402	2912476	+	2	75	ATG	TAA	0	0	
mORF_+_2912421	2912421	2912453	+	3	33	GTG	TGA	0	0	
mORF_+_2912488	2912488	2912496	+	1	9	ATG	TGA	0	0	
mORF_+_2912499	2912499	2912591	+	3	93	TTG	TGA	0	0	
mORF_+_2912509	2912509	2912547	+	1	39	ATG	TGA	0	0	
mORF_+_2912519	2912519	2912530	+	2	12	TTG	TAA	0	0	
mORF_+_2912540	2912540	2912611	+	2	72	TTG	TAA	0	0	
mORF_+_2912599	2912599	2912832	+	1	234	GTG	TAG	0	0	
mORF_+_2912681	2912681	2912692	+	2	12	GTG	TAA	0	0	
mORF_+_2912712	2912712	2912753	+	3	42	TTG	TGA	0	0	
mORF_+_2912741	2912741	2912815	+	2	75	GTG	TAA	0	0	
mORF_+_2912913	2912913	2912939	+	3	27	TTG	TGA	0	0	

mORF_+_2912921	2912921	2912965	+	2	45	ATG	TGA	0	0	
mORF_+_2912958	2912958	2912981	+	3	24	TTG	TGA	0	0	
mORF_+_2912991	2912991	2913011	+	3	21	GTG	TAG	0	0	
mORF_+_2913001	2913001	2913069	+	1	69	TTG	TAA	0	0	
mORF_+_2913014	2913014	2913052	+	2	39	TTG	TGA	0	0	
mORF_+_2913059	2913059	2913082	+	2	24	TTG	TGA	0	0	
mORF_+_2913079	2913079	2915835	+	1	2757	ATG	TAA	3	6	pORF_+_2913079
mORF_+_2913140	2913140	2913154	+	2	15	TTG	TGA	0	0	
mORF_+_2913206	2913206	2913259	+	2	54	ATG	TGA	0	0	
mORF_+_2913323	2913323	2913466	+	2	144	TTG	TGA	0	0	
mORF_+_2913524	2913524	2913625	+	2	102	ATG	TGA	0	0	
mORF_+_2913636	2913636	2913878	+	3	243	TTG	TGA	0	0	
mORF_+_2913647	2913647	2913673	+	2	27	TTG	TAA	0	0	
mORF_+_2913680	2913680	2913685	+	2	6	ATG	TAA	0	0	
mORF_+_2913875	2913875	2913916	+	2	42	GTG	TAG	0	0	
mORF_+_2914004	2914004	2914030	+	2	27	ATG	TGA	0	0	
mORF_+_2914079	2914079	2914156	+	2	78	TTG	TGA	0	0	
mORF_+_2914196	2914196	2914243	+	2	48	ATG	TAG	0	0	
mORF_+_2914334	2914334	2914378	+	2	45	ATG	TAG	0	0	
mORF_+_2914385	2914385	2914393	+	2	9	GTG	TGA	0	0	
mORF_+_2914412	2914412	2914540	+	2	129	TTG	TGA	0	0	
mORF_+_2914559	2914559	2914639	+	2	81	ATG	TGA	0	0	
mORF_+_2914674	2914674	2914688	+	3	15	GTG	TAA	0	0	
mORF_+_2914700	2914700	2914747	+	2	48	ATG	TAA	0	0	
mORF_+_2914728	2914728	2914751	+	3	24	ATG	TGA	0	0	
mORF_+_2914748	2914748	2914816	+	2	69	GTG	TGA	0	0	
mORF_+_2914865	2914865	2914876	+	2	12	ATG	TAG	0	0	
mORF_+_2914920	2914920	2914943	+	3	24	TTG	TGA	0	0	
mORF_+_2914925	2914925	2914981	+	2	57	ATG	TGA	0	0	
mORF_+_2914971	2914971	2915066	+	3	96	GTG	TGA	0	0	
mORF_+_2915063	2915063	2915083	+	2	21	ATG	TGA	0	0	
mORF_+_2915096	2915096	2915119	+	2	24	TTG	TGA	0	0	
mORF_+_2915156	2915156	2915221	+	2	66	ATG	TGA	0	0	
mORF_+_2915166	2915166	2915174	+	3	9	TTG	TAG	0	0	
mORF_+_2915252	2915252	2915320	+	2	69	ATG	TAA	0	0	
mORF_+_2915327	2915327	2915371	+	2	45	ATG	TGA	0	0	
mORF_+_2915393	2915393	2915464	+	2	72	TTG	TGA	0	0	
mORF_+_2915483	2915483	2915491	+	2	9	TTG	TGA	0	0	
mORF_+_2915498	2915498	2915554	+	2	57	ATG	TAG	0	0	
mORF_+_2915609	2915609	2915656	+	2	48	TTG	TGA	0	0	
mORF_+_2915669	2915669	2915704	+	2	36	ATG	TGA	0	0	
mORF_+_2915676	2915676	2915687	+	3	12	TTG	TAG	0	0	
mORF_+_2915801	2915801	2915854	+	2	54	ATG	TAG	0	0	
mORF_+_2915835	2915835	2915891	+	3	57	ATG	TGA	0	0	
mORF_+_2915839	2915839	2915871	+	1	33	ATG	TGA	0	0	
mORF_+_2915885	2915885	2915926	+	2	42	TTG	TAA	0	0	
mORF_+_2915896	2915896	2915955	+	1	60	GTG	TAA	0	0	
mORF_+_2915961	2915961	2915969	+	3	9	ATG	TAA	0	0	
mORF_+_2915973	2915973	2915981	+	3	9	ATG	TAG	0	0	
mORF_+_2916009	2916009	2916254	+	3	246	TTG	TGA	0	0	
mORF_+_2916077	2916077	2916166	+	2	90	ATG	TGA	0	0	
mORF_+_2916157	2916157	2916396	+	1	240	GTG	TGA	0	0	
mORF_+_2916251	2916251	2916283	+	2	33	TTG	TGA	0	0	
mORF_+_2916284	2916284	2916637	+	2	354	TTG	TAA	0	0	
mORF_+_2916333	2916333	2916356	+	3	24	GTG	TAA	0	0	
mORF_+_2916393	2916393	2916671	+	3	279	GTG	TAA	0	0	
mORF_+_2916418	2916418	2916558	+	1	141	ATG	TAG	0	0	
mORF_+_2916607	2916607	2916897	+	1	291	TTG	TGA	0	0	
mORF_+_2916741	2916741	2916752	+	3	12	GTG	TAG	0	0	
mORF_+_2916794	2916794	2916874	+	2	81	TTG	TGA	0	0	
mORF_+_2916822	2916822	2917070	+	3	249	ATG	TAA	0	0	
mORF_+_2916913	2916913	2917092	+	1	180	TTG	TAG	0	0	
mORF_+_2916929	2916929	2916961	+	2	33	GTG	TAA	0	0	

mORF_+_2917082	2917082	2917264	+	2	183	GTG	TGA	0	0	
mORF_+_2917098	2917098	2917280	+	3	183	ATG	TGA	0	0	
mORF_+_2917261	2917261	2917434	+	1	174	GTG	TGA	0	0	
mORF_+_2917277	2917277	2917348	+	2	72	TTG	TGA	0	0	
mORF_+_2917308	2917308	2917364	+	3	57	GTG	TAA	0	0	
mORF_+_2917412	2917412	2917618	+	2	207	ATG	TAA	0	0	
mORF_+_2917431	2917431	2918030	+	3	600	ATG	TAA	0	0	
mORF_+_2917697	2917697	2917720	+	2	24	GTG	TAA	0	0	
mORF_+_2917841	2917841	2917861	+	2	21	GTG	TGA	0	0	
mORF_+_2917858	2917858	2917875	+	1	18	TTG	TGA	0	0	
mORF_+_2917891	2917891	2918001	+	1	111	TTG	TAG	0	0	
mORF_+_2917985	2917985	2918005	+	2	21	ATG	TAA	0	0	
mORF_+_2918023	2918023	2918178	+	1	156	TTG	TAG	0	0	
mORF_+_2918054	2918054	2918077	+	2	24	ATG	TAA	0	0	
mORF_+_2918105	2918105	2918155	+	2	51	ATG	TAA	0	0	
mORF_+_2918127	2918127	2918141	+	3	15	TTG	TAA	0	0	
mORF_+_2918186	2918186	2918338	+	2	153	GTG	TAA	0	0	
mORF_+_2918235	2918235	2918366	+	3	132	ATG	TAA	0	0	
mORF_+_2918260	2918260	2918283	+	1	24	TTG	TAA	0	0	
mORF_+_2918296	2918296	2918316	+	1	21	TTG	TAA	0	0	
mORF_+_2918353	2918353	2918499	+	1	147	TTG	TGA	0	0	
mORF_+_2918508	2918508	2918807	+	3	300	ATG	TGA	0	0	
mORF_+_2918617	2918617	2918847	+	1	231	ATG	TAA	0	0	
mORF_+_2918669	2918669	2918695	+	2	27	ATG	TAA	0	0	
mORF_+_2918759	2918759	2918830	+	2	72	GTG	TAG	0	0	
mORF_+_2918851	2918851	2919372	+	1	522	ATG	TGA	0	0	
mORF_+_2918894	2918894	2918908	+	2	15	GTG	TAA	0	0	
mORF_+_2918913	2918913	2918927	+	3	15	TTG	TGA	0	0	
mORF_+_2918924	2918924	2919091	+	2	168	GTG	TAG	0	0	
mORF_+_2918988	2918988	2919059	+	3	72	TTG	TAA	0	0	
mORF_+_2919092	2919092	2919292	+	2	201	TTG	TAA	1	3	pORF_+_2919092
mORF_+_2919138	2919138	2919194	+	3	57	GTG	TAA	0	0	
mORF_+_2919276	2919276	2919308	+	3	33	GTG	TAA	0	0	
mORF_+_2919329	2919329	2919343	+	2	15	TTG	TGA	0	0	
mORF_+_2919369	2919369	2919389	+	3	21	GTG	TGA	0	0	
mORF_+_2919386	2919386	2919439	+	2	54	TTG	TGA	0	0	
mORF_+_2919433	2919433	2919585	+	1	153	TTG	TGA	0	0	
mORF_+_2919446	2919446	2919508	+	2	63	TTG	TGA	0	0	
mORF_+_2919510	2919510	2919524	+	3	15	TTG	TGA	0	0	
mORF_+_2919521	2919521	2919649	+	2	129	ATG	TGA	0	0	
mORF_+_2919582	2919582	2919617	+	3	36	GTG	TAA	0	0	
mORF_+_2919598	2919598	2919873	+	1	276	ATG	TGA	0	0	
mORF_+_2919636	2919636	2919659	+	3	24	TTG	TAA	0	0	
mORF_+_2919710	2919710	2919862	+	2	153	ATG	TAG	0	0	
mORF_+_2919732	2919732	2919770	+	3	39	ATG	TAA	0	0	
mORF_+_2919870	2919870	2919917	+	3	48	TTG	TAA	0	0	
mORF_+_2919927	2919927	2920004	+	3	78	ATG	TAG	0	0	
mORF_+_2919980	2919980	2920027	+	2	48	TTG	TAG	0	0	
mORF_+_2920028	2920028	2920069	+	2	42	TTG	TAA	0	0	
mORF_+_2920035	2920035	2920040	+	3	6	ATG	TGA	0	0	
mORF_+_2920077	2920077	2920136	+	3	60	TTG	TGA	0	0	
mORF_+_2920079	2920079	2920108	+	2	30	GTG	TGA	0	0	
mORF_+_2920191	2920191	2920199	+	3	9	GTG	TAG	0	0	
mORF_+_2920201	2920201	2920263	+	1	63	GTG	TAG	0	0	
mORF_+_2920208	2920208	2920222	+	2	15	TTG	TAG	0	0	
mORF_+_2920244	2920244	2920285	+	2	42	GTG	TAG	0	0	
mORF_+_2920295	2920295	2920345	+	2	51	GTG	TAG	0	0	
mORF_+_2920314	2920314	2920418	+	3	105	ATG	TAA	0	0	
mORF_+_2920336	2920336	2920464	+	1	129	TTG	TAA	0	0	
mORF_+_2920355	2920355	2920378	+	2	24	GTG	TGA	0	0	
mORF_+_2920427	2920427	2920444	+	2	18	ATG	TGA	0	0	
mORF_+_2920476	2920476	2920505	+	3	30	ATG	TGA	0	0	
mORF_+_2920498	2920498	2920551	+	1	54	TTG	TGA	0	0	

mORF_+_2920570	2920570	2920659	+	1	90	GTG	TGA	0	0	
mORF_+_2920595	2920595	2920783	+	2	189	TTG	TGA	0	0	
mORF_+_2920693	2920693	2920719	+	1	27	TTG	TAA	0	0	
mORF_+_2920780	2920780	2920791	+	1	12	TTG	TGA	0	0	
mORF_+_2920796	2920796	2920843	+	2	48	GTG	TAA	0	0	
mORF_+_2920804	2920804	2920866	+	1	63	ATG	TGA	0	0	
mORF_+_2920907	2920907	2921113	+	2	207	TTG	TGA	0	0	
mORF_+_2920912	2920912	2921064	+	1	153	TTG	TGA	0	0	
mORF_+_2920914	2920914	2920958	+	3	45	GTG	TAA	0	0	
mORF_+_2921110	2921110	2921154	+	1	45	GTG	TAG	0	0	
mORF_+_2921130	2921130	2921150	+	3	21	GTG	TGA	0	0	
mORF_+_2921147	2921147	2921188	+	2	42	GTG	TGA	0	0	
mORF_+_2921185	2921185	2921283	+	1	99	ATG	TAA	0	0	
mORF_+_2921201	2921201	2921206	+	2	6	ATG	TAG	0	0	
mORF_+_2921228	2921228	2921257	+	2	30	ATG	TAA	0	0	
mORF_+_2921264	2921264	2921614	+	2	351	ATG	TAA	0	0	
mORF_+_2921268	2921268	2921291	+	3	24	TTG	TGA	0	0	
mORF_+_2921325	2921325	2921363	+	3	39	TTG	TAG	0	0	
mORF_+_2921367	2921367	2921378	+	3	12	GTG	TAA	0	0	
mORF_+_2921478	2921478	2921504	+	3	27	TTG	TAA	0	0	
mORF_+_2921497	2921497	2921664	+	1	168	GTG	TAA	0	0	
mORF_+_2921637	2921637	2921657	+	3	21	GTG	TGA	0	0	
mORF_+_2921654	2921654	2921809	+	2	156	ATG	TAG	0	0	
mORF_+_2921700	2921700	2921741	+	3	42	ATG	TGA	0	0	
mORF_+_2921869	2921869	2921931	+	1	63	TTG	TAA	0	0	
mORF_+_2921907	2921907	2922014	+	3	108	GTG	TAA	0	0	
mORF_+_2921939	2921939	2922040	+	2	102	TTG	TGA	0	0	
mORF_+_2921956	2921956	2922087	+	1	132	GTG	TAA	0	0	
mORF_+_2922124	2922124	2922339	+	1	216	ATG	TGA	0	0	
mORF_+_2922128	2922128	2922151	+	2	24	GTG	TAA	0	0	
mORF_+_2922242	2922242	2922265	+	2	24	TTG	TGA	0	0	
mORF_+_2922336	2922336	2922473	+	3	138	GTG	TGA	0	0	
mORF_+_2922416	2922416	2922604	+	2	189	GTG	TAA	0	0	
mORF_+_2922486	2922486	2922515	+	3	30	GTG	TGA	0	0	
mORF_+_2922617	2922617	2922634	+	2	18	ATG	TAA	0	0	
mORF_+_2922646	2922646	2922801	+	1	156	TTG	TGA	0	0	
mORF_+_2922656	2922656	2922724	+	2	69	ATG	TAA	0	0	
mORF_+_2922743	2922743	2922778	+	2	36	ATG	TGA	0	0	
mORF_+_2922798	2922798	2922875	+	3	78	TTG	TGA	0	0	
mORF_+_2922808	2922808	2922882	+	1	75	ATG	TAA	0	0	
mORF_+_2922839	2922839	2922937	+	2	99	TTG	TGA	0	0	
mORF_+_2922909	2922909	2923016	+	3	108	GTG	TGA	0	0	
mORF_+_2922946	2922946	2923176	+	1	231	ATG	TGA	0	0	
mORF_+_2923013	2923013	2923054	+	2	42	TTG	TGA	0	0	
mORF_+_2923074	2923074	2923136	+	3	63	TTG	TAA	0	0	
mORF_+_2923076	2923076	2923258	+	2	183	GTG	TAG	0	0	
mORF_+_2923173	2923173	2923181	+	3	9	TTG	TAA	0	0	
mORF_+_2923188	2923188	2923268	+	3	81	GTG	TAA	0	0	
mORF_+_2923231	2923231	2923305	+	1	75	ATG	TAA	0	0	
mORF_+_2923284	2923284	2923322	+	3	39	GTG	TAA	0	0	
mORF_+_2923334	2923334	2923360	+	2	27	TTG	TGA	0	0	
mORF_+_2923357	2923357	2923446	+	1	90	ATG	TGA	0	0	
mORF_+_2923370	2923370	2924218	+	2	849	ATG	TAA	10	28	pORF_+_2923370
mORF_+_2923380	2923380	2923409	+	3	30	ATG	TGA	0	0	
mORF_+_2923413	2923413	2923481	+	3	69	TTG	TGA	0	0	
mORF_+_2923548	2923548	2923565	+	3	18	ATG	TGA	0	0	
mORF_+_2923566	2923566	2923625	+	3	60	ATG	TAA	0	0	
mORF_+_2923632	2923632	2923727	+	3	96	TTG	TAA	0	0	
mORF_+_2923732	2923732	2923746	+	1	15	TTG	TAA	0	0	
mORF_+_2923770	2923770	2923796	+	3	27	TTG	TAG	0	0	
mORF_+_2923806	2923806	2923898	+	3	93	ATG	TAG	0	0	
mORF_+_2923813	2923813	2923821	+	1	9	TTG	TGA	0	0	
mORF_+_2923911	2923911	2923928	+	3	18	TTG	TGA	0	0	

mORF_+_2923960	2923960	2924001	+	1	42	TTG	TGA	0	0	
mORF_+_2923986	2923986	2924117	+	3	132	GTG	TGA	0	0	
mORF_+_2924062	2924062	2924082	+	1	21	GTG	TAA	0	0	
mORF_+_2924142	2924142	2924333	+	3	192	GTG	TGA	0	0	
mORF_+_2924164	2924164	2924175	+	1	12	GTG	TAA	0	0	
mORF_+_2924233	2924233	2924289	+	1	57	TTG	TAA	0	0	
mORF_+_2924237	2924237	2924263	+	2	27	GTG	TGA	0	0	
mORF_+_2924299	2924299	2924319	+	1	21	ATG	TAA	0	0	
mORF_+_2924330	2924330	2925694	+	2	1365	TTG	TAA	22	64	pORF_+_2924330
mORF_+_2924352	2924352	2924456	+	3	105	TTG	TGA	0	0	
mORF_+_2924502	2924502	2924546	+	3	45	TTG	TAA	0	0	
mORF_+_2924580	2924580	2924690	+	3	111	TTG	TGA	0	0	
mORF_+_2924757	2924757	2924867	+	3	111	ATG	TGA	0	0	
mORF_+_2924883	2924883	2924912	+	3	30	GTG	TGA	0	0	
mORF_+_2924916	2924916	2924972	+	3	57	GTG	TGA	0	0	
mORF_+_2925063	2925063	2925146	+	3	84	TTG	TAA	0	0	
mORF_+_2925234	2925234	2925317	+	3	84	TTG	TGA	0	0	
mORF_+_2925351	2925351	2925449	+	3	99	GTG	TGA	0	0	
mORF_+_2925471	2925471	2925530	+	3	60	TTG	TAA	0	0	
mORF_+_2925552	2925552	2925647	+	3	96	TTG	TGA	0	0	
mORF_+_2925673	2925673	2925777	+	1	105	TTG	TGA	0	0	
mORF_+_2925716	2925716	2925820	+	2	105	TTG	TAA	0	0	
mORF_+_2925738	2925738	2925869	+	3	132	TTG	TAA	0	0	
mORF_+_2925778	2925778	2925909	+	1	132	ATG	TGA	0	0	
mORF_+_2925836	2925836	2925889	+	2	54	ATG	TGA	0	0	
mORF_+_2925906	2925906	2925917	+	3	12	ATG	TAA	0	0	
mORF_+_2925923	2925923	2926063	+	2	141	TTG	TAG	0	0	
mORF_+_2925951	2925951	2926004	+	3	54	TTG	TAA	0	0	
mORF_+_2926039	2926039	2926047	+	1	9	TTG	TAA	0	0	
mORF_+_2926068	2926068	2926103	+	3	36	TTG	TAA	0	0	
mORF_+_2926105	2926105	2926152	+	1	48	TTG	TAA	0	0	
mORF_+_2926107	2926107	2926148	+	3	42	GTG	TGA	0	0	
mORF_+_2926109	2926109	2926144	+	2	36	GTG	TAA	0	0	
mORF_+_2926145	2926145	2926222	+	2	78	ATG	TGA	0	0	
mORF_+_2926228	2926228	2926401	+	1	174	TTG	TGA	0	0	
mORF_+_2926251	2926251	2927540	+	3	1290	ATG	TAA	6	4	pORF_+_2926251
mORF_+_2926322	2926322	2926486	+	2	165	GTG	TAA	0	0	
mORF_+_2926426	2926426	2926440	+	1	15	TTG	TGA	0	0	
mORF_+_2926447	2926447	2926464	+	1	18	TTG	TGA	0	0	
mORF_+_2926513	2926513	2926518	+	1	6	TTG	TAG	0	0	
mORF_+_2926528	2926528	2926551	+	1	24	TTG	TGA	0	0	
mORF_+_2926621	2926621	2926653	+	1	33	TTG	TGA	0	0	
mORF_+_2926666	2926666	2926683	+	1	18	GTG	TGA	0	0	
mORF_+_2926720	2926720	2926731	+	1	12	GTG	TGA	0	0	
mORF_+_2926765	2926765	2926779	+	1	15	TTG	TGA	0	0	
mORF_+_2926808	2926808	2926960	+	2	153	GTG	TGA	0	0	
mORF_+_2926948	2926948	2927022	+	1	75	TTG	TGA	0	0	
mORF_+_2926988	2926988	2927095	+	2	108	ATG	TAA	0	0	
mORF_+_2927056	2927056	2927064	+	1	9	GTG	TGA	0	0	
mORF_+_2927156	2927156	2927227	+	2	72	GTG	TGA	0	0	
mORF_+_2927224	2927224	2927247	+	1	24	GTG	TGA	0	0	
mORF_+_2927260	2927260	2927295	+	1	36	GTG	TGA	0	0	
mORF_+_2927335	2927335	2927349	+	1	15	TTG	TGA	0	0	
mORF_+_2927371	2927371	2927403	+	1	33	TTG	TGA	0	0	
mORF_+_2927485	2927485	2927493	+	1	9	TTG	TGA	0	0	
mORF_+_2927503	2927503	2927601	+	1	99	TTG	TGA	0	0	
mORF_+_2927598	2927598	2928965	+	3	1368	ATG	TAA	7	0	pORF_+_2927598
mORF_+_2927632	2927632	2927667	+	1	36	TTG	TGA	0	0	
mORF_+_2927698	2927698	2927724	+	1	27	TTG	TGA	0	0	
mORF_+_2927737	2927737	2927763	+	1	27	TTG	TGA	0	0	
mORF_+_2927863	2927863	2927868	+	1	6	ATG	TGA	0	0	
mORF_+_2927875	2927875	2927886	+	1	12	ATG	TGA	0	0	
mORF_+_2927905	2927905	2927937	+	1	33	ATG	TGA	0	0	

mORF_+_2927930	2927930	2927968	+	2	39	GTG	TGA	0	0	
mORF_+_2927965	2927965	2928171	+	1	207	ATG	TGA	0	0	
mORF_+_2928137	2928137	2928259	+	2	123	TTG	TGA	0	0	
mORF_+_2928256	2928256	2928411	+	1	156	TTG	TGA	0	0	
mORF_+_2928460	2928460	2928519	+	1	60	GTG	TGA	0	0	
mORF_+_2928464	2928464	2928526	+	2	63	GTG	TAA	0	0	
mORF_+_2928562	2928562	2928582	+	1	21	TTG	TGA	0	0	
mORF_+_2928598	2928598	2928672	+	1	75	GTG	TAG	0	0	
mORF_+_2928611	2928611	2928622	+	2	12	TTG	TGA	0	0	
mORF_+_2928635	2928635	2928742	+	2	108	GTG	TGA	0	0	
mORF_+_2928739	2928739	2928801	+	1	63	GTG	TAA	0	0	
mORF_+_2928770	2928770	2928784	+	2	15	ATG	TAA	0	0	
mORF_+_2928952	2928952	2929023	+	1	72	TTG	TAG	0	0	
mORF_+_2928987	2928987	2929832	+	3	846	TTG	TAA	3	17	pORF_+_2928987
mORF_+_2929040	2929040	2929066	+	2	27	ATG	TAA	0	0	
mORF_+_2929096	2929096	2929110	+	1	15	TTG	TGA	0	0	
mORF_+_2929129	2929129	2929395	+	1	267	ATG	TAG	0	0	
mORF_+_2929358	2929358	2929390	+	2	33	GTG	TGA	0	0	
mORF_+_2929444	2929444	2929731	+	1	288	TTG	TAG	0	0	
mORF_+_2929517	2929517	2929543	+	2	27	TTG	TAA	0	0	
mORF_+_2929715	2929715	2929741	+	2	27	GTG	TAA	0	0	
mORF_+_2929757	2929757	2930050	+	2	294	GTG	TGA	0	0	
mORF_+_2929768	2929768	2929905	+	1	138	TTG	TAA	0	0	
mORF_+_2929899	2929899	2930186	+	3	288	ATG	TAA	0	0	
mORF_+_2929942	2929942	2930169	+	1	228	TTG	TAA	0	0	
mORF_+_2930173	2930173	2930223	+	1	51	ATG	TAA	0	0	
mORF_+_2930208	2930208	2930264	+	3	57	GTG	TAA	0	0	
mORF_+_2930210	2930210	2930368	+	2	159	GTG	TGA	0	0	
mORF_+_2930365	2930365	2930442	+	1	78	ATG	TGA	0	0	
mORF_+_2930385	2930385	2930402	+	3	18	GTG	TAG	0	0	
mORF_+_2930390	2930390	2930422	+	2	33	GTG	TAA	0	0	
mORF_+_2930439	2930439	2930975	+	3	537	ATG	TAA	0	0	
mORF_+_2930443	2930443	2930586	+	1	144	GTG	TAG	0	0	
mORF_+_2930590	2930590	2930769	+	1	180	ATG	TAA	0	0	
mORF_+_2930627	2930627	2930710	+	2	84	TTG	TGA	0	0	
mORF_+_2930738	2930738	2930758	+	2	21	GTG	TAG	0	0	
mORF_+_2930806	2930806	2930847	+	1	42	TTG	TAA	0	0	
mORF_+_2930819	2930819	2930929	+	2	111	TTG	TGA	0	0	
mORF_+_2930926	2930926	2930946	+	1	21	GTG	TGA	0	0	
mORF_+_2931002	2931002	2931031	+	2	30	ATG	TAG	0	0	
mORF_+_2931047	2931047	2931094	+	2	48	TTG	TGA	0	0	
mORF_+_2931091	2931091	2931171	+	1	81	TTG	TAA	0	0	
mORF_+_2931174	2931174	2931209	+	3	36	TTG	TAA	0	0	
mORF_+_2931246	2931246	2931257	+	3	12	ATG	TAA	0	0	
mORF_+_2931263	2931263	2931280	+	2	18	TTG	TGA	0	0	
mORF_+_2931277	2931277	2931330	+	1	54	TTG	TAA	0	0	
mORF_+_2931294	2931294	2931500	+	3	207	ATG	TGA	0	0	
mORF_+_2931311	2931311	2931346	+	2	36	GTG	TAG	0	0	
mORF_+_2931370	2931370	2931375	+	1	6	ATG	TAG	0	0	
mORF_+_2931403	2931403	2931423	+	1	21	ATG	TGA	0	0	
mORF_+_2931433	2931433	2931438	+	1	6	TTG	TGA	0	0	
mORF_+_2931448	2931448	2931468	+	1	21	TTG	TGA	0	0	
mORF_+_2931497	2931497	2931541	+	2	45	TTG	TAA	0	0	
mORF_+_2931519	2931519	2931713	+	3	195	ATG	TAG	0	0	
mORF_+_2931529	2931529	2931609	+	1	81	TTG	TGA	0	0	
mORF_+_2931572	2931572	2931586	+	2	15	ATG	TAG	0	0	
mORF_+_2931673	2931673	2931687	+	1	15	GTG	TGA	0	0	
mORF_+_2931745	2931745	2931768	+	1	24	ATG	TGA	0	0	
mORF_+_2931765	2931765	2931773	+	3	9	TTG	TAG	0	0	
mORF_+_2931835	2931835	2931840	+	1	6	TTG	TGA	0	0	
mORF_+_2931837	2931837	2931854	+	3	18	GTG	TAA	0	0	
mORF_+_2931900	2931900	2931962	+	3	63	ATG	TGA	0	0	
mORF_+_2931959	2931959	2931985	+	2	27	ATG	TAA	0	0	

mORF_+_2932000	2932000	2932014	+	1	15	TTG	TGA	0	0	
mORF_+_2932002	2932002	2932037	+	3	36	GTG	TGA	0	0	
mORF_+_2932034	2932034	2932057	+	2	24	ATG	TGA	0	0	
mORF_+_2932054	2932054	2932071	+	1	18	GTG	TAA	0	0	
mORF_+_2932092	2932092	2932097	+	3	6	GTG	TGA	0	0	
mORF_+_2932094	2932094	2932144	+	2	51	GTG	TGA	0	0	
mORF_+_2932141	2932141	2932179	+	1	39	ATG	TGA	0	0	
mORF_+_2932176	2932176	2932217	+	3	42	ATG	TAA	0	0	
mORF_+_2932198	2932198	2932209	+	1	12	TTG	TGA	0	0	
mORF_+_2932226	2932226	2932303	+	2	78	GTG	TAA	0	0	
mORF_+_2932252	2932252	2932299	+	1	48	ATG	TAG	0	0	
mORF_+_2932257	2932257	2933573	+	3	1317	ATG	TGA	0	0	
mORF_+_2932306	2932306	2932377	+	1	72	ATG	TAG	0	0	
mORF_+_2932349	2932349	2932384	+	2	36	GTG	TAA	0	0	
mORF_+_2932471	2932471	2932509	+	1	39	TTG	TGA	0	0	
mORF_+_2932558	2932558	2932599	+	1	42	ATG	TAA	0	0	
mORF_+_2932621	2932621	2932650	+	1	30	TTG	TAG	0	0	
mORF_+_2932652	2932652	2932705	+	2	54	TTG	TAG	0	0	
mORF_+_2932678	2932678	2932692	+	1	15	TTG	TAG	0	0	
mORF_+_2932705	2932705	2932722	+	1	18	GTG	TAA	0	0	
mORF_+_2932726	2932726	2932848	+	1	123	TTG	TGA	0	0	
mORF_+_2932849	2932849	2932896	+	1	48	GTG	TGA	0	0	
mORF_+_2932963	2932963	2933052	+	1	90	GTG	TAG	0	0	
mORF_+_2933065	2933065	2933100	+	1	36	ATG	TGA	0	0	
mORF_+_2933143	2933143	2933160	+	1	18	TTG	TAA	0	0	
mORF_+_2933174	2933174	2933377	+	2	204	GTG	TAA	0	0	
mORF_+_2933185	2933185	2933256	+	1	72	TTG	TAA	0	0	
mORF_+_2933299	2933299	2933310	+	1	12	ATG	TAA	0	0	
mORF_+_2933401	2933401	2933424	+	1	24	ATG	TGA	0	0	
mORF_+_2933431	2933431	2933505	+	1	75	TTG	TGA	0	0	
mORF_+_2933539	2933539	2933595	+	1	57	TTG	TGA	0	0	
mORF_+_2933592	2933592	2933606	+	3	15	GTG	TAA	0	0	
mORF_+_2933606	2933606	2935381	+	2	1776	ATG	TAA	3	6	pORF_+_2933606
mORF_+_2933631	2933631	2933699	+	3	69	TTG	TGA	0	0	
mORF_+_2933745	2933745	2933846	+	3	102	ATG	TAG	0	0	
mORF_+_2933767	2933767	2933805	+	1	39	GTG	TGA	0	0	
mORF_+_2933815	2933815	2933889	+	1	75	TTG	TGA	0	0	
mORF_+_2933880	2933880	2934122	+	3	243	ATG	TGA	0	0	
mORF_+_2933926	2933926	2933937	+	1	12	TTG	TAA	0	0	
mORF_+_2934177	2934177	2934215	+	3	39	TTG	TGA	0	0	
mORF_+_2934324	2934324	2934401	+	3	78	ATG	TGA	0	0	
mORF_+_2934409	2934409	2934543	+	1	135	GTG	TGA	0	0	
mORF_+_2934453	2934453	2934647	+	3	195	TTG	TAA	0	0	
mORF_+_2934681	2934681	2934728	+	3	48	TTG	TAA	0	0	
mORF_+_2934744	2934744	2934776	+	3	33	ATG	TGA	0	0	
mORF_+_2934883	2934883	2935071	+	1	189	TTG	TGA	0	0	
mORF_+_2934930	2934930	2934986	+	3	57	GTG	TGA	0	0	
mORF_+_2934990	2934990	2935166	+	3	177	GTG	TAA	0	0	
mORF_+_2935188	2935188	2935199	+	3	12	ATG	TGA	0	0	
mORF_+_2935212	2935212	2935430	+	3	219	TTG	TGA	0	0	
mORF_+_2935258	2935258	2935275	+	1	18	ATG	TGA	0	0	
mORF_+_2935348	2935348	2935401	+	1	54	TTG	TGA	0	0	
mORF_+_2935441	2935441	2935554	+	1	114	GTG	TAA	0	0	
mORF_+_2935460	2935460	2936908	+	2	1449	ATG	TGA	0	0	
mORF_+_2935476	2935476	2935493	+	3	18	TTG	TGA	0	0	
mORF_+_2935521	2935521	2935643	+	3	123	GTG	TAG	0	0	
mORF_+_2935633	2935633	2935668	+	1	36	GTG	TGA	0	0	
mORF_+_2935662	2935662	2935697	+	3	36	TTG	TGA	0	0	
mORF_+_2935669	2935669	2935689	+	1	21	TTG	TAG	0	0	
mORF_+_2935702	2935702	2935761	+	1	60	ATG	TAA	0	0	
mORF_+_2935734	2935734	2935757	+	3	24	TTG	TAG	0	0	
mORF_+_2935798	2935798	2935833	+	1	36	ATG	TGA	0	0	
mORF_+_2935830	2935830	2935841	+	3	12	TTG	TAA	0	0	

mORF_+_2935912	2935912	2935983	+	1	72	GTG	TAA	0	0	
mORF_+_2936130	2936130	2936198	+	3	69	GTG	TGA	0	0	
mORF_+_2936232	2936232	2936291	+	3	60	TTG	TAA	0	0	
mORF_+_2936278	2936278	2936313	+	1	36	ATG	TGA	0	0	
mORF_+_2936310	2936310	2936327	+	3	18	TTG	TAA	0	0	
mORF_+_2936392	2936392	2936445	+	1	54	ATG	TGA	0	0	
mORF_+_2936466	2936466	2936483	+	3	18	TTG	TGA	0	0	
mORF_+_2936499	2936499	2936507	+	3	9	ATG	TAA	0	0	
mORF_+_2936515	2936515	2936520	+	1	6	GTG	TGA	0	0	
mORF_+_2936517	2936517	2936558	+	3	42	GTG	TGA	0	0	
mORF_+_2936530	2936530	2936565	+	1	36	GTG	TAA	0	0	
mORF_+_2936685	2936685	2936747	+	3	63	GTG	TAA	0	0	
mORF_+_2936707	2936707	2936721	+	1	15	GTG	TAA	0	0	
mORF_+_2936797	2936797	2936820	+	1	24	TTG	TAA	0	0	
mORF_+_2936802	2936802	2936810	+	3	9	ATG	TAG	0	0	
mORF_+_2936905	2936905	2936916	+	1	12	GTG	TGA	0	0	
mORF_+_2936910	2936910	2937332	+	3	423	ATG	TAA	3	6	pORF_+_2936910
mORF_+_2936974	2936974	2937036	+	1	63	ATG	TGA	0	0	
mORF_+_2937046	2937046	2937060	+	1	15	ATG	TGA	0	0	
mORF_+_2937091	2937091	2937123	+	1	33	TTG	TGA	0	0	
mORF_+_2937142	2937142	2937165	+	1	24	GTG	TAG	0	0	
mORF_+_2937181	2937181	2937312	+	1	132	ATG	TAA	0	0	
mORF_+_2937203	2937203	2937211	+	2	9	GTG	TGA	0	0	
mORF_+_2937353	2937353	2937376	+	2	24	ATG	TGA	0	0	
mORF_+_2937373	2937373	2937384	+	1	12	ATG	TGA	0	0	
mORF_+_2937381	2937381	2938121	+	3	741	GTG	TGA	2	4	pORF_+_2937381
mORF_+_2937508	2937508	2937609	+	1	102	ATG	TGA	0	0	
mORF_+_2937619	2937619	2937678	+	1	60	ATG	TGA	0	0	
mORF_+_2937656	2937656	2937664	+	2	9	GTG	TGA	0	0	
mORF_+_2937701	2937701	2937730	+	2	30	TTG	TGA	0	0	
mORF_+_2937767	2937767	2937775	+	2	9	TTG	TGA	0	0	
mORF_+_2937772	2937772	2937804	+	1	33	ATG	TGA	0	0	
mORF_+_2937823	2937823	2937861	+	1	39	TTG	TGA	0	0	
mORF_+_2937905	2937905	2937910	+	2	6	TTG	TGA	0	0	
mORF_+_2937907	2937907	2937981	+	1	75	GTG	TAA	0	0	
mORF_+_2937935	2937935	2937961	+	2	27	GTG	TGA	0	0	
mORF_+_2937985	2937985	2938008	+	1	24	GTG	TGA	0	0	
mORF_+_2938009	2938009	2938068	+	1	60	TTG	TAA	0	0	
mORF_+_2938084	2938084	2938113	+	1	30	ATG	TAA	0	0	
mORF_+_2938158	2938158	2938352	+	3	195	TTG	TGA	0	0	
mORF_+_2938202	2938202	2938240	+	2	39	ATG	TGA	0	0	
mORF_+_2938213	2938213	2938317	+	1	105	GTG	TGA	0	0	
mORF_+_2938271	2938271	2938297	+	2	27	ATG	TGA	0	0	
mORF_+_2938310	2938310	2938330	+	2	21	TTG	TAG	0	0	
mORF_+_2938349	2938349	2938558	+	2	210	TTG	TAA	0	0	
mORF_+_2938404	2938404	2938481	+	3	78	ATG	TGA	0	0	
mORF_+_2938528	2938528	2938614	+	1	87	TTG	TAA	0	0	
mORF_+_2938565	2938565	2938588	+	2	24	ATG	TAG	0	0	
mORF_+_2938675	2938675	2938779	+	1	105	ATG	TGA	0	0	
mORF_+_2938680	2938680	2938697	+	3	18	ATG	TGA	0	0	
mORF_+_2938694	2938694	2938753	+	2	60	TTG	TAG	0	0	
mORF_+_2938766	2938766	2938783	+	2	18	TTG	TAA	0	0	
mORF_+_2938776	2938776	2938811	+	3	36	ATG	TAA	0	0	
mORF_+_2938819	2938819	2938887	+	1	69	ATG	TAG	0	0	
mORF_+_2938925	2938925	2939125	+	2	201	TTG	TGA	0	0	
mORF_+_2939029	2939029	2939076	+	1	48	ATG	TAA	0	0	
mORF_+_2939076	2939076	2939084	+	3	9	ATG	TGA	0	0	
mORF_+_2939122	2939122	2939295	+	1	174	TTG	TAG	0	0	
mORF_+_2939138	2939138	2939146	+	2	9	ATG	TAA	0	0	
mORF_+_2939264	2939264	2939287	+	2	24	ATG	TAA	0	0	
mORF_+_2939277	2939277	2939393	+	3	117	TTG	TAA	0	0	
mORF_+_2939372	2939372	2939422	+	2	51	ATG	TAA	0	0	
mORF_+_2939415	2939415	2939447	+	3	33	GTG	TAA	0	0	

mORF_+_2939460	2939460	2939507	+	3	48	ATG	TGA	0	0	
mORF_+_2939473	2939473	2939610	+	1	138	TTG	TGA	0	0	
mORF_+_2939504	2939504	2939572	+	2	69	ATG	TAA	0	0	
mORF_+_2939559	2939559	2939684	+	3	126	ATG	TAA	0	0	
mORF_+_2939576	2939576	2939965	+	2	390	ATG	TAA	0	0	
mORF_+_2939872	2939872	2939901	+	1	30	TTG	TAG	0	0	
mORF_+_2939916	2939916	2939948	+	3	33	ATG	TGA	0	0	
mORF_+_2939935	2939935	2939955	+	1	21	TTG	TGA	0	0	
mORF_+_2939952	2939952	2939960	+	3	9	TTG	TGA	0	0	
mORF_+_2939983	2939983	2940030	+	1	48	ATG	TAG	0	0	
mORF_+_2940011	2940011	2940016	+	2	6	ATG	TAA	0	0	
mORF_+_2940023	2940023	2940076	+	2	54	ATG	TAG	0	0	
mORF_+_2940043	2940043	2940243	+	1	201	GTG	TAA	0	0	
mORF_+_2940138	2940138	2940152	+	3	15	TTG	TAA	0	0	
mORF_+_2940269	2940269	2940292	+	2	24	ATG	TAA	0	0	
mORF_+_2940273	2940273	2940386	+	3	114	ATG	TAG	0	0	
mORF_+_2940353	2940353	2940415	+	2	63	TTG	TGA	0	0	
mORF_+_2940412	2940412	2940468	+	1	57	GTG	TGA	0	0	
mORF_+_2940465	2940465	2940473	+	3	9	TTG	TGA	0	0	
mORF_+_2940470	2940470	2940529	+	2	60	TTG	TAA	0	0	
mORF_+_2940519	2940519	2940605	+	3	87	GTG	TGA	0	0	
mORF_+_2940530	2940530	2940559	+	2	30	ATG	TAA	0	0	
mORF_+_2940535	2940535	2940585	+	1	51	GTG	TAG	0	0	
mORF_+_2940602	2940602	2940628	+	2	27	TTG	TAG	0	0	
mORF_+_2940612	2940612	2940650	+	3	39	ATG	TAG	0	0	
mORF_+_2940637	2940637	2940642	+	1	6	ATG	TAA	0	0	
mORF_+_2940676	2940676	2940726	+	1	51	TTG	TGA	0	0	
mORF_+_2940683	2940683	2940766	+	2	84	TTG	TGA	0	0	
mORF_+_2940751	2940751	2940891	+	1	141	ATG	TAA	0	0	
mORF_+_2940771	2940771	2940884	+	3	114	TTG	TAG	0	0	
mORF_+_2940782	2940782	2940787	+	2	6	TTG	TGA	0	0	
mORF_+_2940800	2940800	2940835	+	2	36	GTG	TAG	0	0	
mORF_+_2940884	2940884	2940946	+	2	63	GTG	TGA	0	0	
mORF_+_2940891	2940891	2940896	+	3	6	ATG	TAG	0	0	
mORF_+_2940907	2940907	2941200	+	1	294	TTG	TAA	0	0	
mORF_+_2940912	2940912	2940983	+	3	72	GTG	TGA	0	0	
mORF_+_2940980	2940980	2941096	+	2	117	TTG	TAG	0	0	
mORF_+_2941044	2941044	2941148	+	3	105	GTG	TAA	0	0	
mORF_+_2941149	2941149	2941181	+	3	33	TTG	TAA	0	0	
mORF_+_2941206	2941206	2941319	+	3	114	TTG	TGA	0	0	
mORF_+_2941306	2941306	2941362	+	1	57	TTG	TGA	0	0	
mORF_+_2941316	2941316	2941372	+	2	57	GTG	TAA	0	0	
mORF_+_2941323	2941323	2942564	+	3	1242	TTG	TAA	0	0	
mORF_+_2941411	2941411	2941494	+	1	84	ATG	TGA	0	0	
mORF_+_2941522	2941522	2941542	+	1	21	TTG	TGA	0	0	
mORF_+_2941552	2941552	2941587	+	1	36	ATG	TGA	0	0	
mORF_+_2941588	2941588	2941740	+	1	153	ATG	TGA	0	0	
mORF_+_2941655	2941655	2941690	+	2	36	ATG	TGA	0	0	
mORF_+_2941786	2941786	2941827	+	1	42	ATG	TGA	0	0	
mORF_+_2941883	2941883	2941945	+	2	63	TTG	TGA	0	0	
mORF_+_2941912	2941912	2941938	+	1	27	TTG	TGA	0	0	
mORF_+_2941942	2941942	2942124	+	1	183	TTG	TGA	0	0	
mORF_+_2942128	2942128	2942199	+	1	72	TTG	TAG	0	0	
mORF_+_2942156	2942156	2942266	+	2	111	GTG	TAG	0	0	
mORF_+_2942287	2942287	2942385	+	1	99	ATG	TGA	0	0	
mORF_+_2942407	2942407	2942457	+	1	51	TTG	TAG	0	0	
mORF_+_2942429	2942429	2942497	+	2	69	TTG	TAA	0	0	
mORF_+_2942485	2942485	2942526	+	1	42	TTG	TGA	0	0	
mORF_+_2942527	2942527	2942661	+	1	135	ATG	TAA	0	0	
mORF_+_2942564	2942564	2943007	+	2	444	ATG	TAA	10	33	pORF_+_2942564
mORF_+_2942736	2942736	2942852	+	3	117	TTG	TGA	0	0	
mORF_+_2942743	2942743	2942781	+	1	39	ATG	TGA	0	0	
mORF_+_2942859	2942859	2942963	+	3	105	TTG	TAA	0	0	

mORF_+_2942964	2942964	2942972	+	3	9	ATG	TAA	0	0	
mORF_+_2943054	2943054	2943248	+	3	195	TTG	TAG	0	0	
mORF_+_2943100	2943100	2943222	+	1	123	ATG	TGA	0	0	
mORF_+_2943125	2943125	2943346	+	2	222	GTG	TGA	0	0	
mORF_+_2943411	2943411	2943416	+	3	6	TTG	TGA	0	0	
mORF_+_2943413	2943413	2943445	+	2	33	GTG	TAA	0	0	
mORF_+_2943420	2943420	2943578	+	3	159	GTG	TAA	0	0	
mORF_+_2943461	2943461	2943502	+	2	42	TTG	TAA	0	0	
mORF_+_2943612	2943612	2943665	+	3	54	TTG	TGA	0	0	
mORF_+_2943640	2943640	2943915	+	1	276	ATG	TAA	0	0	
mORF_+_2943653	2943653	2943835	+	2	183	TTG	TGA	0	0	
mORF_+_2943696	2943696	2943851	+	3	156	TTG	TAA	0	0	
mORF_+_2943916	2943916	2943984	+	1	69	ATG	TAG	0	0	
mORF_+_2943923	2943923	2944018	+	2	96	ATG	TGA	0	0	
mORF_+_2944015	2944015	2944080	+	1	66	ATG	TAA	0	0	
mORF_+_2944046	2944046	2944051	+	2	6	ATG	TGA	0	0	
mORF_+_2944163	2944163	2944372	+	2	210	GTG	TGA	0	0	
mORF_+_2944167	2944167	2944211	+	3	45	TTG	TGA	0	0	
mORF_+_2944233	2944233	2944283	+	3	51	TTG	TGA	0	0	
mORF_+_2944237	2944237	2944290	+	1	54	TTG	TAA	0	0	
mORF_+_2944293	2944293	2944505	+	3	213	TTG	TGA	0	0	
mORF_+_2944399	2944399	2944434	+	1	36	TTG	TAA	0	0	
mORF_+_2944424	2944424	2944993	+	2	570	TTG	TGA	1	2	pORF_+_2944424
mORF_+_2944489	2944489	2944608	+	1	120	GTG	TGA	0	0	
mORF_+_2944569	2944569	2944580	+	3	12	ATG	TAG	0	0	
mORF_+_2944668	2944668	2944697	+	3	30	ATG	TAA	0	0	
mORF_+_2944720	2944720	2944785	+	1	66	ATG	TAG	0	0	
mORF_+_2944833	2944833	2944838	+	3	6	GTG	TAA	0	0	
mORF_+_2944866	2944866	2944961	+	3	96	TTG	TAA	0	0	
mORF_+_2944974	2944974	2945243	+	3	270	TTG	TAA	0	0	
mORF_+_2944990	2944990	2945013	+	1	24	GTG	TAA	0	0	
mORF_+_2945006	2945006	2945227	+	2	222	ATG	TAA	0	0	
mORF_+_2945125	2945125	2945172	+	1	48	TTG	TAA	0	0	
mORF_+_2945200	2945200	2945220	+	1	21	TTG	TAA	0	0	
mORF_+_2945260	2945260	2945268	+	1	9	ATG	TGA	0	0	
mORF_+_2945265	2945265	2945306	+	3	42	ATG	TAG	0	0	
mORF_+_2945313	2945313	2945375	+	3	63	GTG	TGA	0	0	
mORF_+_2945318	2945318	2945350	+	2	33	TTG	TGA	0	0	
mORF_+_2945347	2945347	2945394	+	1	48	GTG	TAG	0	0	
mORF_+_2945372	2945372	2945431	+	2	60	ATG	TAG	0	0	
mORF_+_2945394	2945394	2945447	+	3	54	GTG	TAA	0	0	
mORF_+_2945494	2945494	2945505	+	1	12	TTG	TAA	0	0	
mORF_+_2945515	2945515	2945541	+	1	27	GTG	TAG	0	0	
mORF_+_2945525	2945525	2945557	+	2	33	GTG	TAA	0	0	
mORF_+_2945603	2945603	2945614	+	2	12	TTG	TAA	0	0	
mORF_+_2945625	2945625	2945651	+	3	27	GTG	TAG	0	0	
mORF_+_2945635	2945635	2945667	+	1	33	GTG	TAA	0	0	
mORF_+_2945710	2945710	2945949	+	1	240	TTG	TAG	0	0	
mORF_+_2945726	2945726	2945977	+	2	252	GTG	TGA	0	0	
mORF_+_2945940	2945940	2945996	+	3	57	GTG	TGA	0	0	
mORF_+_2945974	2945974	2946186	+	1	213	TTG	TGA	0	0	
mORF_+_2945990	2945990	2946091	+	2	102	TTG	TAG	0	0	
mORF_+_2946104	2946104	2946217	+	2	114	TTG	TGA	0	0	
mORF_+_2946144	2946144	2946227	+	3	84	GTG	TAA	0	0	
mORF_+_2946238	2946238	2946684	+	1	447	ATG	TAA	0	0	
mORF_+_2946279	2946279	2946305	+	3	27	TTG	TGA	0	0	
mORF_+_2946302	2946302	2946553	+	2	252	ATG	TAA	0	0	
mORF_+_2946501	2946501	2946632	+	3	132	GTG	TAA	0	0	
mORF_+_2946596	2946596	2946607	+	2	12	TTG	TAG	0	0	
mORF_+_2946706	2946706	2946873	+	1	168	TTG	TGA	0	0	
mORF_+_2946737	2946737	2946865	+	2	129	TTG	TGA	0	0	
mORF_+_2946765	2946765	2946782	+	3	18	GTG	TGA	0	0	
mORF_+_2946870	2946870	2946935	+	3	66	TTG	TGA	0	0	

mORF_+_2946890	2946890	2946895	+	2	6	GTG	TAG	0	0	
mORF_+_2946974	2946974	2947087	+	2	114	ATG	TGA	0	0	
mORF_+_2946988	2946988	2946996	+	1	9	TTG	TAA	0	0	
mORF_+_2947011	2947011	2947058	+	3	48	TTG	TAA	0	0	
mORF_+_2947062	2947062	2947067	+	3	6	GTG	TAA	0	0	
mORF_+_2947084	2947084	2947188	+	1	105	TTG	TAA	0	0	
mORF_+_2947198	2947198	2948595	+	1	1398	TTG	TAA	30	232	pORF_+_2947198
mORF_+_2947247	2947247	2947270	+	2	24	ATG	TAA	0	0	
mORF_+_2947257	2947257	2947280	+	3	24	GTG	TAA	0	0	
mORF_+_2947346	2947346	2947528	+	2	183	TTG	TGA	0	0	
mORF_+_2947652	2947652	2947774	+	2	123	GTG	TAG	0	0	
mORF_+_2947838	2947838	2947864	+	2	27	TTG	TGA	0	0	
mORF_+_2947880	2947880	2947966	+	2	87	TTG	TAG	0	0	
mORF_+_2947887	2947887	2947910	+	3	24	TTG	TAA	0	0	
mORF_+_2948018	2948018	2948029	+	2	12	GTG	TGA	0	0	
mORF_+_2948081	2948081	2948137	+	2	57	ATG	TGA	0	0	
mORF_+_2948180	2948180	2948200	+	2	21	TTG	TGA	0	0	
mORF_+_2948303	2948303	2948446	+	2	144	TTG	TAA	0	0	
mORF_+_2948456	2948456	2948464	+	2	9	TTG	TGA	0	0	
mORF_+_2948495	2948495	2948578	+	2	84	GTG	TGA	0	0	
mORF_+_2948599	2948599	2948673	+	1	75	ATG	TAA	0	0	
mORF_+_2948613	2948613	2948627	+	3	15	ATG	TAA	0	0	
mORF_+_2948709	2948709	2948786	+	3	78	GTG	TAA	0	0	
mORF_+_2948716	2948716	2948889	+	1	174	TTG	TAG	0	0	
mORF_+_2948811	2948811	2949074	+	3	264	GTG	TGA	0	0	
mORF_+_2948816	2948816	2949196	+	2	381	TTG	TAA	0	0	
mORF_+_2949084	2949084	2949188	+	3	105	TTG	TGA	0	0	
mORF_+_2949189	2949189	2949233	+	3	45	ATG	TAA	0	0	
mORF_+_2949215	2949215	2949292	+	2	78	TTG	TAA	0	0	
mORF_+_2949360	2949360	2949380	+	3	21	TTG	TGA	0	0	
mORF_+_2949384	2949384	2949410	+	3	27	ATG	TAG	0	0	
mORF_+_2949416	2949416	2949499	+	2	84	TTG	TAG	0	0	
mORF_+_2949445	2949445	2949522	+	1	78	ATG	TAA	0	0	
mORF_+_2949456	2949456	2949479	+	3	24	GTG	TGA	0	0	
mORF_+_2949531	2949531	2949539	+	3	9	TTG	TAA	0	0	
mORF_+_2949584	2949584	2949670	+	2	87	TTG	TGA	0	0	
mORF_+_2949667	2949667	2950032	+	1	366	TTG	TAA	0	0	
mORF_+_2949698	2949698	2949727	+	2	30	ATG	TAA	0	0	
mORF_+_2949761	2949761	2949817	+	2	57	GTG	TAA	0	0	
mORF_+_2949768	2949768	2949917	+	3	150	GTG	TGA	0	0	
mORF_+_2949914	2949914	2949922	+	2	9	TTG	TAA	0	0	
mORF_+_2949945	2949945	2950103	+	3	159	GTG	TGA	0	0	
mORF_+_2950022	2950022	2950078	+	2	57	TTG	TAG	0	0	
mORF_+_2950100	2950100	2950252	+	2	153	ATG	TAG	0	0	
mORF_+_2950113	2950113	2950163	+	3	51	TTG	TAA	0	0	
mORF_+_2950123	2950123	2950212	+	1	90	GTG	TGA	0	0	
mORF_+_2950191	2950191	2950220	+	3	30	GTG	TGA	0	0	
mORF_+_2950289	2950289	2950318	+	2	30	ATG	TGA	0	0	
mORF_+_2950315	2950315	2950380	+	1	66	GTG	TGA	0	0	
mORF_+_2950334	2950334	2950360	+	2	27	GTG	TAA	0	0	
mORF_+_2950377	2950377	2950613	+	3	237	GTG	TAA	0	0	
mORF_+_2950388	2950388	2950438	+	2	51	ATG	TAG	0	0	
mORF_+_2950445	2950445	2950465	+	2	21	GTG	TAA	0	0	
mORF_+_2950466	2950466	2950561	+	2	96	TTG	TAA	0	0	
mORF_+_2950570	2950570	2950842	+	1	273	TTG	TAA	0	0	
mORF_+_2950649	2950649	2950666	+	2	18	ATG	TAA	0	0	
mORF_+_2950713	2950713	2950736	+	3	24	GTG	TAG	0	0	
mORF_+_2950745	2950745	2950750	+	2	6	GTG	TAA	0	0	
mORF_+_2950775	2950775	2950786	+	2	12	TTG	TAG	0	0	
mORF_+_2950844	2950844	2950924	+	2	81	ATG	TGA	0	0	
mORF_+_2950979	2950979	2950996	+	2	18	TTG	TGA	0	0	
mORF_+_2950993	2950993	2951178	+	1	186	TTG	TGA	0	0	
mORF_+_2951018	2951018	2951197	+	2	180	TTG	TGA	0	0	

mORF_+_2951025	2951025	2951045	+	3	21	GTG	TGA	0	0	
mORF_+_2951175	2951175	2951318	+	3	144	GTG	TGA	0	0	
mORF_+_2951197	2951197	2951208	+	1	12	ATG	TAA	0	0	
mORF_+_2951284	2951284	2951349	+	1	66	GTG	TAA	0	0	
mORF_+_2951315	2951315	2951620	+	2	306	GTG	TAA	0	0	
mORF_+_2951398	2951398	2951448	+	1	51	TTG	TAA	0	0	
mORF_+_2951415	2951415	2951687	+	3	273	GTG	TAA	0	0	
mORF_+_2951482	2951482	2951895	+	1	414	TTG	TAA	0	0	
mORF_+_2951750	2951750	2952085	+	2	336	TTG	TAA	1	2	pORF_+_2951750
mORF_+_2951775	2951775	2951810	+	3	36	ATG	TGA	0	0	
mORF_+_2951911	2951911	2951946	+	1	36	ATG	TAG	0	0	
mORF_+_2951959	2951959	2952171	+	1	213	ATG	TGA	0	0	
mORF_+_2951997	2951997	2952056	+	3	60	TTG	TAA	0	0	
mORF_+_2952128	2952128	2952289	+	2	162	TTG	TAA	0	0	
mORF_+_2952168	2952168	2952365	+	3	198	TTG	TGA	0	0	
mORF_+_2952365	2952365	2952484	+	2	120	ATG	TGA	0	0	
mORF_+_2952433	2952433	2952438	+	1	6	TTG	TAG	0	0	
mORF_+_2952451	2952451	2952567	+	1	117	TTG	TAA	0	0	
mORF_+_2952540	2952540	2952554	+	3	15	GTG	TAA	0	0	
mORF_+_2952620	2952620	2952706	+	2	87	ATG	TAG	0	0	
mORF_+_2952675	2952675	2952743	+	3	69	GTG	TGA	0	0	
mORF_+_2952706	2952706	2952795	+	1	90	GTG	TAG	0	0	
mORF_+_2952740	2952740	2952817	+	2	78	GTG	TGA	0	0	
mORF_+_2952762	2952762	2953043	+	3	282	ATG	TGA	0	0	
mORF_+_2952817	2952817	2952963	+	1	147	ATG	TAA	0	0	
mORF_+_2952965	2952965	2953084	+	2	120	ATG	TGA	0	0	
mORF_+_2953065	2953065	2953220	+	3	156	ATG	TGA	0	0	
mORF_+_2953081	2953081	2953146	+	1	66	TTG	TAA	0	0	
mORF_+_2953133	2953133	2953186	+	2	54	GTG	TGA	0	0	
mORF_+_2953223	2953223	2953243	+	2	21	TTG	TGA	0	0	
mORF_+_2953244	2953244	2953363	+	2	120	TTG	TGA	0	0	
mORF_+_2953354	2953354	2953551	+	1	198	TTG	TAG	0	0	
mORF_+_2953395	2953395	2953403	+	3	9	GTG	TGA	0	0	
mORF_+_2953400	2953400	2953429	+	2	30	TTG	TAA	0	0	
mORF_+_2953589	2953589	2953639	+	2	51	ATG	TGA	0	0	
mORF_+_2953636	2953636	2953680	+	1	45	GTG	TAA	0	0	
mORF_+_2953699	2953699	2953896	+	1	198	TTG	TAG	0	0	
mORF_+_2953740	2953740	2953835	+	3	96	GTG	TAA	0	0	
mORF_+_2953745	2953745	2953918	+	2	174	TTG	TAG	0	0	
mORF_+_2953940	2953940	2954281	+	2	342	TTG	TAA	0	0	
mORF_+_2954004	2954004	2954177	+	3	174	GTG	TGA	0	0	
mORF_+_2954047	2954047	2954067	+	1	21	TTG	TGA	0	0	
mORF_+_2954256	2954256	2954414	+	3	159	TTG	TAA	0	0	
mORF_+_2954287	2954287	2954331	+	1	45	ATG	TAA	0	0	
mORF_+_2954306	2954306	2954431	+	2	126	TTG	TGA	0	0	
mORF_+_2954383	2954383	2954673	+	1	291	TTG	TGA	0	0	
mORF_+_2954445	2954445	2954477	+	3	33	TTG	TGA	0	0	
mORF_+_2954450	2954450	2954590	+	2	141	TTG	TGA	0	0	
mORF_+_2954541	2954541	2954546	+	3	6	TTG	TAG	0	0	
mORF_+_2954595	2954595	2954609	+	3	15	GTG	TAG	0	0	
mORF_+_2954646	2954646	2954840	+	3	195	GTG	TAG	0	0	
mORF_+_2954678	2954678	2954722	+	2	45	TTG	TGA	0	0	
mORF_+_2954744	2954744	2954821	+	2	78	TTG	TGA	0	0	
mORF_+_2954755	2954755	2954796	+	1	42	GTG	TAA	0	0	
mORF_+_2954862	2954862	2955011	+	3	150	ATG	TGA	0	0	
mORF_+_2954909	2954909	2955160	+	2	252	TTG	TAA	0	0	
mORF_+_2955049	2955049	2955090	+	1	42	ATG	TAG	0	0	
mORF_+_2955078	2955078	2955083	+	3	6	GTG	TAA	0	0	
mORF_+_2955108	2955108	2955164	+	3	57	TTG	TGA	0	0	
mORF_+_2955192	2955192	2955212	+	3	21	TTG	TGA	0	0	
mORF_+_2955213	2955213	2955287	+	3	75	TTG	TAA	0	0	
mORF_+_2955292	2955292	2955366	+	1	75	TTG	TAA	0	0	
mORF_+_2955341	2955341	2955361	+	2	21	ATG	TGA	0	0	

mORF_+_2955420	2955420	2955479	+	3	60	ATG	TGA	0	0
mORF_+_2955455	2955455	2955772	+	2	318	TTG	TAA	0	0
mORF_+_2955457	2955457	2955465	+	1	9	GTG	TGA	0	0
mORF_+_2955507	2955507	2955677	+	3	171	TTG	TAA	0	0
mORF_+_2955690	2955690	2955704	+	3	15	GTG	TAA	0	0
mORF_+_2955756	2955756	2955785	+	3	30	ATG	TAG	0	0
mORF_+_2955793	2955793	2955819	+	1	27	TTG	TAG	0	0
mORF_+_2955867	2955867	2955971	+	3	105	TTG	TAG	0	0
mORF_+_2955923	2955923	2956009	+	2	87	TTG	TGA	0	0
mORF_+_2955940	2955940	2955975	+	1	36	GTG	TAA	0	0
mORF_+_2956011	2956011	2956067	+	3	57	TTG	TAA	0	0
mORF_+_2956067	2956067	2956291	+	2	225	ATG	TAA	0	0
mORF_+_2956071	2956071	2956202	+	3	132	ATG	TAA	0	0
mORF_+_2956171	2956171	2956206	+	1	36	TTG	TAA	0	0
mORF_+_2956221	2956221	2956232	+	3	12	TTG	TAG	0	0
mORF_+_2956281	2956281	2956520	+	3	240	TTG	TAG	0	0
mORF_+_2956318	2956318	2956341	+	1	24	TTG	TAA	0	0
mORF_+_2956328	2956328	2956399	+	2	72	GTG	TAA	0	0
mORF_+_2956360	2956360	2956464	+	1	105	GTG	TAG	0	0
mORF_+_2956527	2956527	2956556	+	3	30	GTG	TGA	0	0
mORF_+_2956553	2956553	2956849	+	2	297	GTG	TAA	0	0
mORF_+_2956572	2956572	2956643	+	3	72	TTG	TAA	0	0
mORF_+_2956645	2956645	2956716	+	1	72	GTG	TAA	0	0
mORF_+_2956806	2956806	2956817	+	3	12	ATG	TGA	0	0
mORF_+_2956852	2956852	2956887	+	1	36	GTG	TGA	0	0
mORF_+_2956884	2956884	2957015	+	3	132	TTG	TAA	0	0
mORF_+_2956985	2956985	2957029	+	2	45	GTG	TGA	0	0
mORF_+_2957026	2957026	2957058	+	1	33	GTG	TAG	0	0
mORF_+_2957033	2957033	2957050	+	2	18	GTG	TAA	0	0
mORF_+_2957060	2957060	2957095	+	2	36	TTG	TAA	0	0
mORF_+_2957121	2957121	2957162	+	3	42	TTG	TAA	0	0
mORF_+_2957137	2957137	2957181	+	1	45	ATG	TGA	0	0
mORF_+_2957147	2957147	2957659	+	2	513	TTG	TGA	0	0
mORF_+_2957163	2957163	2957315	+	3	153	TTG	TAG	0	0
mORF_+_2957215	2957215	2957229	+	1	15	ATG	TAA	0	0
mORF_+_2957263	2957263	2957304	+	1	42	GTG	TAA	0	0
mORF_+_2957385	2957385	2957390	+	3	6	TTG	TGA	0	0
mORF_+_2957397	2957397	2957453	+	3	57	ATG	TAG	0	0
mORF_+_2957446	2957446	2957493	+	1	48	TTG	TAG	0	0
mORF_+_2957499	2957499	2957537	+	3	39	GTG	TAA	0	0
mORF_+_2957608	2957608	2957808	+	1	201	TTG	TGA	0	0
mORF_+_2957693	2957693	2957812	+	2	120	GTG	TGA	0	0
mORF_+_2957809	2957809	2957817	+	1	9	TTG	TGA	0	0
mORF_+_2957814	2957814	2957942	+	3	129	TTG	TAG	0	0
mORF_+_2957843	2957843	2957974	+	2	132	ATG	TAA	0	0
mORF_+_2957851	2957851	2957988	+	1	138	GTG	TGA	0	0
mORF_+_2958000	2958000	2958032	+	3	33	ATG	TAG	0	0
mORF_+_2958002	2958002	2958112	+	2	111	GTG	TAA	0	0
mORF_+_2958051	2958051	2958170	+	3	120	TTG	TAG	0	0
mORF_+_2958128	2958128	2958151	+	2	24	TTG	TGA	0	0
mORF_+_2958148	2958148	2958174	+	1	27	TTG	TAA	0	0
mORF_+_2958174	2958174	2958293	+	3	120	ATG	TAA	0	0
mORF_+_2958187	2958187	2958192	+	1	6	ATG	TAG	0	0
mORF_+_2958244	2958244	2958261	+	1	18	ATG	TAG	0	0
mORF_+_2958377	2958377	2958436	+	2	60	ATG	TGA	0	0
mORF_+_2958433	2958433	2958513	+	1	81	TTG	TGA	0	0
mORF_+_2958443	2958443	2958475	+	2	33	TTG	TAA	0	0
mORF_+_2958510	2958510	2958545	+	3	36	TTG	TAG	0	0
mORF_+_2958524	2958524	2958595	+	2	72	GTG	TAA	0	0
mORF_+_2958606	2958606	2958740	+	3	135	TTG	TAG	0	0
mORF_+_2958664	2958664	2958804	+	1	141	TTG	TAA	0	0
mORF_+_2958713	2958713	2958961	+	2	249	GTG	TGA	0	0
mORF_+_2958762	2958762	2958785	+	3	24	ATG	TAA	0	0

mORF_+_2958816	2958816	2958974	+	3	159	TTG	TAA	0	0	
mORF_+_2958883	2958883	2958978	+	1	96	GTG	TAA	0	0	
mORF_+_2958994	2958994	2959143	+	1	150	GTG	TAA	0	0	
mORF_+_2959073	2959073	2959087	+	2	15	GTG	TGA	0	0	
mORF_+_2959107	2959107	2959112	+	3	6	ATG	TGA	0	0	
mORF_+_2959109	2959109	2959189	+	2	81	GTG	TAA	0	0	
mORF_+_2959225	2959225	2959437	+	1	213	ATG	TGA	0	0	
mORF_+_2959244	2959244	2959330	+	2	87	GTG	TGA	0	0	
mORF_+_2959281	2959281	2959286	+	3	6	GTG	TAA	0	0	
mORF_+_2959311	2959311	2959547	+	3	237	ATG	TGA	0	0	
mORF_+_2959343	2959343	2959465	+	2	123	GTG	TGA	0	0	
mORF_+_2959438	2959438	2959518	+	1	81	ATG	TAA	0	0	
mORF_+_2959519	2959519	2959524	+	1	6	ATG	TAG	0	0	
mORF_+_2959544	2959544	2959591	+	2	48	ATG	TAA	0	0	
mORF_+_2959561	2959561	2959662	+	1	102	TTG	TGA	0	0	
mORF_+_2959650	2959650	2959772	+	3	123	GTG	TAG	0	0	
mORF_+_2959726	2959726	2959785	+	1	60	TTG	TAA	0	0	
mORF_+_2959888	2959888	2959920	+	1	33	TTG	TGA	0	0	
mORF_+_2959896	2959896	2960066	+	3	171	GTG	TGA	0	0	
mORF_+_2959967	2959967	2960128	+	2	162	GTG	TAA	0	0	
mORF_+_2960089	2960089	2960112	+	1	24	TTG	TAA	0	0	
mORF_+_2960112	2960112	2960222	+	3	111	ATG	TAA	0	0	
mORF_+_2960179	2960179	2960439	+	1	261	ATG	TAG	2	12	pORF_+_2960179
mORF_+_2960276	2960276	2960395	+	2	120	TTG	TAA	0	0	
mORF_+_2960295	2960295	2960447	+	3	153	TTG	TAA	0	0	
mORF_+_2960481	2960481	2960519	+	3	39	ATG	TGA	0	0	
mORF_+_2960516	2960516	2960530	+	2	15	GTG	TAA	0	0	
mORF_+_2960536	2960536	2960766	+	1	231	ATG	TGA	0	0	
mORF_+_2960558	2960558	2960575	+	2	18	ATG	TGA	0	0	
mORF_+_2960591	2960591	2960707	+	2	117	GTG	TGA	0	0	
mORF_+_2960610	2960610	2960678	+	3	69	TTG	TAA	0	0	
mORF_+_2960760	2960760	2960783	+	3	24	TTG	TGA	0	0	
mORF_+_2960827	2960827	2960856	+	1	30	GTG	TGA	0	0	
mORF_+_2960841	2960841	2960891	+	3	51	ATG	TAA	0	0	
mORF_+_2960996	2960996	2961049	+	2	54	GTG	TGA	0	0	
mORF_+_2961030	2961030	2961053	+	3	24	ATG	TGA	0	0	
mORF_+_2961046	2961046	2961378	+	1	333	ATG	TAG	0	0	
mORF_+_2961060	2961060	2961185	+	3	126	ATG	TGA	0	0	
mORF_+_2961092	2961092	2961109	+	2	18	TTG	TAA	0	0	
mORF_+_2961182	2961182	2961202	+	2	21	TTG	TAG	0	0	
mORF_+_2961305	2961305	2961535	+	2	231	GTG	TGA	0	0	
mORF_+_2961363	2961363	2961482	+	3	120	ATG	TGA	0	0	
mORF_+_2961391	2961391	2961624	+	1	234	ATG	TAA	0	0	
mORF_+_2961614	2961614	2961820	+	2	207	GTG	TGA	0	0	
mORF_+_2961654	2961654	2961683	+	3	30	GTG	TGA	0	0	
mORF_+_2961721	2961721	2961759	+	1	39	TTG	TGA	0	0	
mORF_+_2961753	2961753	2961812	+	3	60	TTG	TGA	0	0	
mORF_+_2961817	2961817	2961939	+	1	123	TTG	TGA	0	0	
mORF_+_2961828	2961828	2961929	+	3	102	ATG	TGA	0	0	
mORF_+_2961839	2961839	2961994	+	2	156	ATG	TGA	0	0	
mORF_+_2961936	2961936	2961980	+	3	45	ATG	TAA	0	0	
mORF_+_2961946	2961946	2962047	+	1	102	TTG	TAG	0	0	
mORF_+_2962008	2962008	2962043	+	3	36	GTG	TAA	0	0	
mORF_+_2962077	2962077	2962085	+	3	9	TTG	TAG	0	0	
mORF_+_2962089	2962089	2962136	+	3	48	TTG	TAG	0	0	
mORF_+_2962127	2962127	2962141	+	2	15	TTG	TGA	0	0	
mORF_+_2962138	2962138	2962182	+	1	45	ATG	TAA	0	0	
mORF_+_2962188	2962188	2962382	+	3	195	TTG	TAA	0	0	
mORF_+_2962190	2962190	2962336	+	2	147	GTG	TAA	0	0	
mORF_+_2962198	2962198	2962326	+	1	129	ATG	TAA	0	0	
mORF_+_2962372	2962372	2962386	+	1	15	ATG	TAG	0	0	
mORF_+_2962405	2962405	2962425	+	1	21	ATG	TAG	0	0	
mORF_+_2962413	2962413	2962520	+	3	108	ATG	TAA	0	0	

mORF_+_2962462	2962462	2962530	+	1	69	ATG	TGA	0	0	
mORF_+_2962521	2962521	2962631	+	3	111	TTG	TAA	0	0	
mORF_+_2962546	2962546	2962638	+	1	93	TTG	TAG	0	0	
mORF_+_2962645	2962645	2962686	+	1	42	ATG	TGA	0	0	
mORF_+_2962705	2962705	2962722	+	1	18	TTG	TAG	0	0	
mORF_+_2962733	2962733	2962795	+	2	63	ATG	TAA	0	0	
mORF_+_2962737	2962737	2962787	+	3	51	ATG	TGA	0	0	
mORF_+_2962795	2962795	2962857	+	1	63	ATG	TGA	0	0	
mORF_+_2962854	2962854	2962964	+	3	111	ATG	TAG	0	0	
mORF_+_2962871	2962871	2962948	+	2	78	TTG	TGA	0	0	
mORF_+_2962942	2962942	2962968	+	1	27	ATG	TAA	0	0	
mORF_+_2962972	2962972	2963082	+	1	111	ATG	TGA	0	0	
mORF_+_2963007	2963007	2963165	+	3	159	ATG	TAA	0	0	
mORF_+_2963039	2963039	2963071	+	2	33	TTG	TAA	0	0	
mORF_+_2963092	2963092	2963358	+	1	267	ATG	TAA	0	0	
mORF_+_2963129	2963129	2963233	+	2	105	GTG	TGA	0	0	
mORF_+_2963193	2963193	2963378	+	3	186	GTG	TGA	1	3	pORF_+_2963193
mORF_+_2963390	2963390	2963419	+	2	30	TTG	TGA	0	0	
mORF_+_2963416	2963416	2963460	+	1	45	TTG	TAA	0	0	
mORF_+_2963465	2963465	2963617	+	2	153	GTG	TAA	0	0	
mORF_+_2963472	2963472	2963882	+	3	411	GTG	TAA	0	0	
mORF_+_2963494	2963494	2963823	+	1	330	GTG	TAG	0	0	
mORF_+_2963660	2963660	2963671	+	2	12	GTG	TAA	0	0	
mORF_+_2963899	2963899	2963991	+	1	93	TTG	TGA	0	0	
mORF_+_2963933	2963933	2963959	+	2	27	GTG	TGA	0	0	
mORF_+_2963988	2963988	2964011	+	3	24	GTG	TGA	0	0	
mORF_+_2964008	2964008	2964019	+	2	12	TTG	TGA	0	0	
mORF_+_2964016	2964016	2964048	+	1	33	ATG	TAG	0	0	
mORF_+_2964039	2964039	2964107	+	3	69	ATG	TGA	0	0	
mORF_+_2964076	2964076	2964090	+	1	15	TTG	TGA	0	0	
mORF_+_2964104	2964104	2964256	+	2	153	TTG	TAA	0	0	
mORF_+_2964109	2964109	2964270	+	1	162	ATG	TGA	0	0	
mORF_+_2964270	2964270	2964515	+	3	246	ATG	TAA	0	0	
mORF_+_2964340	2964340	2964528	+	1	189	ATG	TGA	0	0	
mORF_+_2964359	2964359	2964388	+	2	30	TTG	TAG	0	0	
mORF_+_2964419	2964419	2964616	+	2	198	TTG	TGA	0	0	
mORF_+_2964525	2964525	2964659	+	3	135	ATG	TGA	0	0	
mORF_+_2964541	2964541	2964588	+	1	48	ATG	TGA	0	0	
mORF_+_2964598	2964598	2964705	+	1	108	TTG	TAA	0	0	
mORF_+_2964629	2964629	2964649	+	2	21	TTG	TAA	0	0	
mORF_+_2964656	2964656	2964676	+	2	21	TTG	TGA	0	0	
mORF_+_2964686	2964686	2964781	+	2	96	GTG	TGA	0	0	
mORF_+_2964778	2964778	2964867	+	1	90	GTG	TGA	0	0	
mORF_+_2964877	2964877	2964930	+	1	54	ATG	TAA	0	0	
mORF_+_2964902	2964902	2964919	+	2	18	ATG	TGA	0	0	
mORF_+_2964970	2964970	2965008	+	1	39	GTG	TGA	0	0	
mORF_+_2964993	2964993	2965130	+	3	138	TTG	TAA	0	0	
mORF_+_2965054	2965054	2965077	+	1	24	ATG	TAA	0	0	
mORF_+_2965058	2965058	2965141	+	2	84	ATG	TGA	0	0	
mORF_+_2965084	2965084	2965242	+	1	159	ATG	TGA	0	0	
mORF_+_2965248	2965248	2965430	+	3	183	TTG	TAA	0	0	
mORF_+_2965378	2965378	2965518	+	1	141	ATG	TGA	0	0	
mORF_+_2965457	2965457	2965489	+	2	33	TTG	TGA	0	0	
mORF_+_2965515	2965515	2965565	+	3	51	TTG	TAA	0	0	
mORF_+_2965582	2965582	2965590	+	1	9	TTG	TAG	0	0	
mORF_+_2965630	2965630	2965725	+	1	96	ATG	TAA	0	0	
mORF_+_2965716	2965716	2965856	+	3	141	GTG	TGA	0	0	
mORF_+_2965754	2965754	2966002	+	2	249	GTG	TAG	0	0	
mORF_+_2965774	2965774	2965782	+	1	9	TTG	TAG	0	0	
mORF_+_2965888	2965888	2965992	+	1	105	GTG	TGA	0	0	
mORF_+_2965962	2965962	2966126	+	3	165	TTG	TAA	0	0	
mORF_+_2966014	2966014	2966109	+	1	96	GTG	TGA	0	0	
mORF_+_2966114	2966114	2966170	+	2	57	TTG	TGA	0	0	

mORF_+_2966161	2966161	2966307	+	1	147	ATG	TAG	0	0	
mORF_+_2966178	2966178	2966393	+	3	216	GTG	TAA	0	0	
mORF_+_2966273	2966273	2966380	+	2	108	GTG	TAA	0	0	
mORF_+_2966371	2966371	2966472	+	1	102	ATG	TAA	0	0	
mORF_+_2966408	2966408	2966452	+	2	45	GTG	TGA	0	0	
mORF_+_2966459	2966459	2966467	+	2	9	TTG	TGA	0	0	
mORF_+_2966495	2966495	2966584	+	2	90	ATG	TAA	0	0	
mORF_+_2966502	2966502	2966531	+	3	30	TTG	TGA	0	0	
mORF_+_2966585	2966585	2966602	+	2	18	ATG	TGA	0	0	
mORF_+_2966645	2966645	2966668	+	2	24	GTG	TGA	0	0	
mORF_+_2966658	2966658	2966765	+	3	108	TTG	TAA	0	0	
mORF_+_2966665	2966665	2966772	+	1	108	TTG	TAG	0	0	
mORF_+_2966789	2966789	2966881	+	2	93	TTG	TGA	0	0	
mORF_+_2966812	2966812	2966913	+	1	102	TTG	TGA	0	0	
mORF_+_2966889	2966889	2967017	+	3	129	TTG	TAA	0	0	
mORF_+_2966972	2966972	2967091	+	2	120	TTG	TAA	0	0	
mORF_+_2967036	2967036	2967062	+	3	27	TTG	TAA	0	0	
mORF_+_2967098	2967098	2967130	+	2	33	TTG	TAA	0	0	
mORF_+_2967115	2967115	2967150	+	1	36	ATG	TAG	0	0	
mORF_+_2967117	2967117	2967179	+	3	63	GTG	TAG	0	0	
mORF_+_2967143	2967143	2967187	+	2	45	GTG	TGA	0	0	
mORF_+_2967172	2967172	2967228	+	1	57	GTG	TGA	0	0	
mORF_+_2967271	2967271	2967285	+	1	15	ATG	TAA	0	0	
mORF_+_2967294	2967294	2967314	+	3	21	ATG	TGA	0	0	
mORF_+_2967311	2967311	2967505	+	2	195	GTG	TAA	0	0	
mORF_+_2967379	2967379	2967390	+	1	12	ATG	TAA	0	0	
mORF_+_2967381	2967381	2967395	+	3	15	GTG	TAA	0	0	
mORF_+_2967444	2967444	2967605	+	3	162	ATG	TGA	0	0	
mORF_+_2967523	2967523	2967738	+	1	216	GTG	TAG	0	0	
mORF_+_2967533	2967533	2967580	+	2	48	TTG	TAA	0	0	
mORF_+_2967602	2967602	2967682	+	2	81	TTG	TGA	0	0	
mORF_+_2967615	2967615	2967650	+	3	36	GTG	TAA	0	0	
mORF_+_2967651	2967651	2967668	+	3	18	TTG	TAA	0	0	
mORF_+_2967684	2967684	2968373	+	3	690	ATG	TAG	0	0	
mORF_+_2967787	2967787	2967816	+	1	30	TTG	TAA	0	0	
mORF_+_2967835	2967835	2967861	+	1	27	TTG	TAG	0	0	
mORF_+_2967862	2967862	2967984	+	1	123	GTG	TAA	0	0	
mORF_+_2967968	2967968	2967994	+	2	27	TTG	TAG	0	0	
mORF_+_2968046	2968046	2968060	+	2	15	GTG	TGA	0	0	
mORF_+_2968057	2968057	2968167	+	1	111	TTG	TAA	0	0	
mORF_+_2968112	2968112	2968126	+	2	15	GTG	TGA	0	0	
mORF_+_2968177	2968177	2968299	+	1	123	TTG	TGA	0	0	
mORF_+_2968339	2968339	2968365	+	1	27	GTG	TGA	0	0	
mORF_+_2968382	2968382	2968408	+	2	27	TTG	TAA	0	0	
mORF_+_2968425	2968425	2968460	+	3	36	TTG	TAA	0	0	
mORF_+_2968442	2968442	2969155	+	2	714	ATG	TGA	0	0	
mORF_+_2968453	2968453	2968470	+	1	18	ATG	TAA	0	0	
mORF_+_2968479	2968479	2968496	+	3	18	TTG	TGA	0	0	
mORF_+_2968515	2968515	2968661	+	3	147	TTG	TGA	0	0	
mORF_+_2968704	2968704	2968712	+	3	9	GTG	TGA	0	0	
mORF_+_2968725	2968725	2968796	+	3	72	GTG	TGA	0	0	
mORF_+_2968929	2968929	2968937	+	3	9	TTG	TAG	0	0	
mORF_+_2968965	2968965	2968997	+	3	33	TTG	TAA	0	0	
mORF_+_2969106	2969106	2969129	+	3	24	TTG	TGA	0	0	
mORF_+_2969279	2969279	2969296	+	2	18	ATG	TGA	0	0	
mORF_+_2969293	2969293	2969511	+	1	219	ATG	TAA	2	4	pORF_+_2969293
mORF_+_2969301	2969301	2969360	+	3	60	ATG	TGA	0	0	
mORF_+_2969336	2969336	2969392	+	2	57	TTG	TGA	0	0	
mORF_+_2969402	2969402	2969440	+	2	39	ATG	TGA	0	0	
mORF_+_2969480	2969480	2969518	+	2	39	GTG	TAA	0	0	
mORF_+_2969591	2969591	2969599	+	2	9	ATG	TGA	0	0	
mORF_+_2969596	2969596	2969682	+	1	87	GTG	TGA	0	0	
mORF_+_2969619	2969619	2970659	+	3	1041	ATG	TAA	23	129	pORF_+_2969619

mORF_+_2969686	2969686	2969811	+	1	126	TTG	TAA	0	0
mORF_+_2969845	2969845	2969865	+	1	21	ATG	TAA	0	0
mORF_+_2969902	2969902	2970177	+	1	276	ATG	TAA	0	0
mORF_+_2970220	2970220	2970252	+	1	33	TTG	TAA	0	0
mORF_+_2970262	2970262	2970270	+	1	9	TTG	TAG	0	0
mORF_+_2970292	2970292	2970342	+	1	51	ATG	TGA	0	0
mORF_+_2970320	2970320	2970385	+	2	66	GTG	TAA	0	0
mORF_+_2970358	2970358	2970564	+	1	207	ATG	TGA	0	0
mORF_+_2970619	2970619	2970675	+	1	57	TTG	TAA	0	0
mORF_+_2970694	2970694	2970897	+	1	204	ATG	TAG	0	0
mORF_+_2970726	2970726	2970908	+	3	183	TTG	TGA	0	0
mORF_+_2970755	2970755	2970802	+	2	48	ATG	TAA	0	0
mORF_+_2970803	2970803	2970961	+	2	159	ATG	TAG	0	0
mORF_+_2970976	2970976	2971038	+	1	63	GTG	TGA	0	0
mORF_+_2971035	2971035	2971055	+	3	21	GTG	TAA	0	0
mORF_+_2971109	2971109	2971117	+	2	9	TTG	TAG	0	0
mORF_+_2971118	2971118	2971339	+	2	222	GTG	TAG	0	0
mORF_+_2971343	2971343	2971366	+	2	24	TTG	TAG	0	0
mORF_+_2971371	2971371	2971457	+	3	87	GTG	TAG	0	0
mORF_+_2971399	2971399	2971470	+	1	72	ATG	TAA	0	0
mORF_+_2971451	2971451	2971540	+	2	90	ATG	TAG	0	0
mORF_+_2971533	2971533	2971586	+	3	54	GTG	TGA	0	0
mORF_+_2971583	2971583	2971702	+	2	120	TTG	TAA	0	0
mORF_+_2971720	2971720	2971767	+	1	48	TTG	TAA	0	0
mORF_+_2971727	2971727	2971750	+	2	24	ATG	TAG	0	0
mORF_+_2971775	2971775	2971951	+	2	177	GTG	TAA	0	0
mORF_+_2971867	2971867	2971875	+	1	9	GTG	TGA	0	0
mORF_+_2971920	2971920	2971970	+	3	51	GTG	TAG	0	0
mORF_+_2971951	2971951	2972061	+	1	111	ATG	TGA	0	0
mORF_+_2972006	2972006	2972428	+	2	423	GTG	TAG	0	0
mORF_+_2972055	2972055	2972210	+	3	156	GTG	TGA	0	0
mORF_+_2972071	2972071	2972100	+	1	30	GTG	TAA	0	0
mORF_+_2972137	2972137	2972472	+	1	336	GTG	TGA	0	0
mORF_+_2972253	2972253	2972339	+	3	87	GTG	TAG	0	0
mORF_+_2972349	2972349	2972507	+	3	159	ATG	TAG	0	0
mORF_+_2972517	2972517	2972591	+	3	75	ATG	TAG	0	0
mORF_+_2972561	2972561	2972566	+	2	6	TTG	TAA	0	0
mORF_+_2972616	2972616	2972633	+	3	18	TTG	TAG	0	0
mORF_+_2972633	2972633	2972800	+	2	168	GTG	TAA	0	0
mORF_+_2972652	2972652	2972708	+	3	57	GTG	TAA	0	0
mORF_+_2972719	2972719	2972748	+	1	30	TTG	TAA	0	0
mORF_+_2972752	2972752	2972760	+	1	9	GTG	TAA	0	0
mORF_+_2972820	2972820	2972987	+	3	168	TTG	TGA	0	0
mORF_+_2972876	2972876	2973031	+	2	156	ATG	TAA	0	0
mORF_+_2972962	2972962	2973018	+	1	57	GTG	TGA	0	0
mORF_+_2973003	2973003	2973044	+	3	42	TTG	TAG	0	0
mORF_+_2973065	2973065	2973259	+	2	195	TTG	TAA	0	0
mORF_+_2973087	2973087	2973179	+	3	93	TTG	TAG	0	0
mORF_+_2973187	2973187	2973237	+	1	51	TTG	TGA	0	0
mORF_+_2973195	2973195	2973338	+	3	144	ATG	TAG	0	0
mORF_+_2973354	2973354	2973467	+	3	114	TTG	TGA	0	0
mORF_+_2973397	2973397	2973558	+	1	162	TTG	TAA	0	0
mORF_+_2973464	2973464	2973823	+	2	360	TTG	TGA	0	0
mORF_+_2973489	2973489	2973686	+	3	198	TTG	TAG	0	0
mORF_+_2973646	2973646	2973714	+	1	69	TTG	TGA	0	0
mORF_+_2973708	2973708	2973866	+	3	159	GTG	TAA	0	0
mORF_+_2973820	2973820	2973921	+	1	102	ATG	TAA	0	0
mORF_+_2973848	2973848	2973859	+	2	12	TTG	TGA	0	0
mORF_+_2973909	2973909	2973932	+	3	24	ATG	TGA	0	0
mORF_+_2973929	2973929	2973946	+	2	18	GTG	TAG	0	0
mORF_+_2973964	2973964	2973984	+	1	21	GTG	TAA	0	0
mORF_+_2973972	2973972	2974064	+	3	93	GTG	TAA	0	0
mORF_+_2974048	2974048	2974056	+	1	9	TTG	TGA	0	0

mORF_+_2974071	2974071	2974094	+	3	24	ATG	TAA	0	0	
mORF_+_2974119	2974119	2974268	+	3	150	GTG	TGA	0	0	
mORF_+_2974150	2974150	2974188	+	1	39	TTG	TAA	0	0	
mORF_+_2974219	2974219	2974317	+	1	99	TTG	TGA	0	0	
mORF_+_2974265	2974265	2974360	+	2	96	ATG	TAA	0	0	
mORF_+_2974275	2974275	2974292	+	3	18	ATG	TAA	0	0	
mORF_+_2974314	2974314	2974541	+	3	228	TTG	TGA	0	0	
mORF_+_2974364	2974364	2974384	+	2	21	ATG	TGA	0	0	
mORF_+_2974366	2974366	2974428	+	1	63	GTG	TGA	0	0	
mORF_+_2974472	2974472	2974477	+	2	6	GTG	TAA	0	0	
mORF_+_2974486	2974486	2974596	+	1	111	TTG	TAA	0	0	
mORF_+_2974514	2974514	2974633	+	2	120	TTG	TAA	0	0	
mORF_+_2974621	2974621	2975652	+	1	1032	ATG	TAA	1	2	pORF_+_2974621
mORF_+_2974637	2974637	2974642	+	2	6	ATG	TAG	0	0	
mORF_+_2974733	2974733	2974855	+	2	123	GTG	TGA	0	0	
mORF_+_2974901	2974901	2974954	+	2	54	TTG	TGA	0	0	
mORF_+_2974967	2974967	2974996	+	2	30	GTG	TGA	0	0	
mORF_+_2975003	2975003	2975014	+	2	12	ATG	TAG	0	0	
mORF_+_2975072	2975072	2975134	+	2	63	TTG	TAA	0	0	
mORF_+_2975082	2975082	2975174	+	3	93	TTG	TAA	0	0	
mORF_+_2975156	2975156	2975263	+	2	108	TTG	TGA	0	0	
mORF_+_2975267	2975267	2975305	+	2	39	TTG	TGA	0	0	
mORF_+_2975372	2975372	2975428	+	2	57	GTG	TAA	0	0	
mORF_+_2975429	2975429	2975476	+	2	48	TTG	TGA	0	0	
mORF_+_2975570	2975570	2975662	+	2	93	ATG	TAA	0	0	
mORF_+_2975690	2975690	2975722	+	2	33	ATG	TGA	0	0	
mORF_+_2975762	2975762	2975767	+	2	6	TTG	TAG	0	0	
mORF_+_2975768	2975768	2975818	+	2	51	TTG	TAA	0	0	
mORF_+_2975772	2975772	2975879	+	3	108	ATG	TAA	0	0	
mORF_+_2975803	2975803	2975901	+	1	99	ATG	TAA	0	0	
mORF_+_2975928	2975928	2975972	+	3	45	TTG	TGA	0	0	
mORF_+_2975935	2975935	2976084	+	1	150	GTG	TAA	0	0	
mORF_+_2975994	2975994	2976017	+	3	24	TTG	TGA	0	0	
mORF_+_2976014	2976014	2976076	+	2	63	TTG	TGA	0	0	
mORF_+_2976139	2976139	2976267	+	1	129	GTG	TAA	0	0	
mORF_+_2976284	2976284	2976292	+	2	9	ATG	TGA	0	0	
mORF_+_2976322	2976322	2976693	+	1	372	ATG	TAA	0	0	
mORF_+_2976347	2976347	2976358	+	2	12	ATG	TGA	0	0	
mORF_+_2976359	2976359	2976379	+	2	21	ATG	TGA	0	0	
mORF_+_2976399	2976399	2976494	+	3	96	GTG	TAA	0	0	
mORF_+_2976416	2976416	2976478	+	2	63	GTG	TGA	0	0	
mORF_+_2976656	2976656	2976661	+	2	6	TTG	TAA	0	0	
mORF_+_2976742	2976742	2976912	+	1	171	ATG	TGA	0	0	
mORF_+_2976749	2976749	2976832	+	2	84	TTG	TAG	0	0	
mORF_+_2976765	2976765	2976818	+	3	54	GTG	TAA	0	0	
mORF_+_2976884	2976884	2976937	+	2	54	GTG	TAA	0	0	
mORF_+_2976909	2976909	2976923	+	3	15	GTG	TAA	0	0	
mORF_+_2976913	2976913	2976951	+	1	39	ATG	TGA	0	0	
mORF_+_2976938	2976938	2976967	+	2	30	GTG	TAA	0	0	
mORF_+_2976948	2976948	2977043	+	3	96	ATG	TAA	0	0	
mORF_+_2977001	2977001	2977012	+	2	12	ATG	TGA	0	0	
mORF_+_2977009	2977009	2977056	+	1	48	ATG	TAA	0	0	
mORF_+_2977043	2977043	2977978	+	2	936	ATG	TAA	0	0	
mORF_+_2977068	2977068	2977088	+	3	21	TTG	TAA	0	0	
mORF_+_2977158	2977158	2977178	+	3	21	TTG	TGA	0	0	
mORF_+_2977194	2977194	2977418	+	3	225	TTG	TAA	0	0	
mORF_+_2977446	2977446	2977481	+	3	36	TTG	TAG	0	0	
mORF_+_2977453	2977453	2977476	+	1	24	GTG	TGA	0	0	
mORF_+_2977542	2977542	2977583	+	3	42	ATG	TAA	0	0	
mORF_+_2977549	2977549	2977605	+	1	57	GTG	TGA	0	0	
mORF_+_2977602	2977602	2977703	+	3	102	ATG	TGA	0	0	
mORF_+_2977794	2977794	2977811	+	3	18	ATG	TAG	0	0	
mORF_+_2977830	2977830	2977856	+	3	27	TTG	TGA	0	0	

mORF_+_2977902	2977902	2978054	+	3	153	GTG	TAA	1	2	pORF_+_2977902
mORF_+_2978065	2978065	2978130	+	1	66	GTG	TAA	0	0	
mORF_+_2978087	2978087	2978149	+	2	63	GTG	TAA	0	0	
mORF_+_2978118	2978118	2978138	+	3	21	TTG	TGA	0	0	
mORF_+_2978151	2978151	2978354	+	3	204	TTG	TAA	0	0	
mORF_+_2978224	2978224	2978259	+	1	36	TTG	TAA	0	0	
mORF_+_2978272	2978272	2978280	+	1	9	ATG	TAA	0	0	
mORF_+_2978324	2978324	2978581	+	2	258	TTG	TAA	0	0	
mORF_+_2978335	2978335	2978523	+	1	189	GTG	TGA	0	0	
mORF_+_2978397	2978397	2978417	+	3	21	ATG	TAG	0	0	
mORF_+_2978520	2978520	2978540	+	3	21	ATG	TAG	0	0	
mORF_+_2978547	2978547	2978744	+	3	198	TTG	TAA	0	0	
mORF_+_2978581	2978581	2978604	+	1	24	ATG	TAG	0	0	
mORF_+_2978611	2978611	2978670	+	1	60	ATG	TGA	0	0	
mORF_+_2978648	2978648	2978698	+	2	51	TTG	TAA	0	0	
mORF_+_2978674	2978674	2978694	+	1	21	GTG	TGA	0	0	
mORF_+_2978760	2978760	2978783	+	3	24	ATG	TGA	0	0	
mORF_+_2978780	2978780	2979199	+	2	420	GTG	TAA	0	0	
mORF_+_2978826	2978826	2978915	+	3	90	TTG	TAG	0	0	
mORF_+_2978940	2978940	2979044	+	3	105	ATG	TGA	0	0	
mORF_+_2978953	2978953	2978976	+	1	24	GTG	TAA	0	0	
mORF_+_2979114	2979114	2979179	+	3	66	ATG	TAG	0	0	
mORF_+_2979192	2979192	2979368	+	3	177	GTG	TAG	0	0	
mORF_+_2979320	2979320	2979484	+	2	165	TTG	TAA	0	0	
mORF_+_2979372	2979372	2979575	+	3	204	ATG	TGA	0	0	
mORF_+_2979463	2979463	2979510	+	1	48	GTG	TGA	0	0	
mORF_+_2979572	2979572	2979649	+	2	78	ATG	TAA	0	0	
mORF_+_2979607	2979607	2979630	+	1	24	TTG	TAA	0	0	
mORF_+_2979667	2979667	2979693	+	1	27	TTG	TGA	0	0	
mORF_+_2979723	2979723	2979815	+	3	93	ATG	TAA	0	0	
mORF_+_2979730	2979730	2979735	+	1	6	GTG	TGA	0	0	
mORF_+_2979781	2979781	2979897	+	1	117	TTG	TAG	0	0	
mORF_+_2979834	2979834	2980049	+	3	216	ATG	TGA	0	0	
mORF_+_2979985	2979985	2980011	+	1	27	TTG	TAA	0	0	
mORF_+_2980046	2980046	2980102	+	2	57	GTG	TAA	0	0	
mORF_+_2980056	2980056	2980358	+	3	303	ATG	TGA	0	0	
mORF_+_2980168	2980168	2980194	+	1	27	GTG	TGA	0	0	
mORF_+_2980234	2980234	2980296	+	1	63	GTG	TAA	0	0	
mORF_+_2980298	2980298	2980321	+	2	24	TTG	TGA	0	0	
mORF_+_2980318	2980318	2980350	+	1	33	GTG	TGA	0	0	
mORF_+_2980355	2980355	2980378	+	2	24	TTG	TAA	0	0	
mORF_+_2980413	2980413	2980502	+	3	90	TTG	TAA	0	0	
mORF_+_2980448	2980448	2980474	+	2	27	ATG	TAA	0	0	
mORF_+_2980486	2980486	2980575	+	1	90	ATG	TGA	0	0	
mORF_+_2980514	2980514	2980522	+	2	9	ATG	TAA	0	0	
mORF_+_2980550	2980550	2980558	+	2	9	ATG	TAA	0	0	
mORF_+_2980643	2980643	2980693	+	2	51	ATG	TGA	0	0	
mORF_+_2980669	2980669	2980686	+	1	18	TTG	TAG	0	0	
mORF_+_2980687	2980687	2980800	+	1	114	TTG	TGA	0	0	
mORF_+_2980697	2980697	2980714	+	2	18	TTG	TAA	0	0	
mORF_+_2980739	2980739	2980810	+	2	72	ATG	TAA	0	0	
mORF_+_2980797	2980797	2980859	+	3	63	TTG	TGA	0	0	
mORF_+_2980856	2980856	2980909	+	2	54	TTG	TGA	0	0	
mORF_+_2980879	2980879	2981103	+	1	225	TTG	TAA	0	0	
mORF_+_2980913	2980913	2981029	+	2	117	ATG	TGA	0	0	
mORF_+_2981058	2981058	2981126	+	3	69	GTG	TGA	0	0	
mORF_+_2981123	2981123	2981212	+	2	90	GTG	TGA	0	0	
mORF_+_2981185	2981185	2981274	+	1	90	TTG	TAA	0	0	
mORF_+_2981234	2981234	2981326	+	2	93	GTG	TAA	0	0	
mORF_+_2981265	2981265	2981282	+	3	18	ATG	TAA	0	0	
mORF_+_2981334	2981334	2981693	+	3	360	ATG	TAA	0	0	
mORF_+_2981371	2981371	2981391	+	1	21	ATG	TAA	0	0	
mORF_+_2981395	2981395	2981466	+	1	72	TTG	TGA	0	0	

mORF_+_2981491	2981491	2981529	+	1	39	ATG	TAG	0	0
mORF_+_2981557	2981557	2981562	+	1	6	GTG	TGA	0	0
mORF_+_2981569	2981569	2981766	+	1	198	ATG	TAA	0	0
mORF_+_2981717	2981717	2981722	+	2	6	GTG	TGA	0	0
mORF_+_2981745	2981745	2981915	+	3	171	ATG	TAA	0	0
mORF_+_2981753	2981753	2981881	+	2	129	GTG	TAA	0	0
mORF_+_2981782	2981782	2981850	+	1	69	GTG	TGA	0	0
mORF_+_2981902	2981902	2981937	+	1	36	TTG	TAG	0	0
mORF_+_2981949	2981949	2982161	+	3	213	TTG	TAA	0	0
mORF_+_2981998	2981998	2982033	+	1	36	ATG	TAA	0	0
mORF_+_2982037	2982037	2982168	+	1	132	ATG	TGA	0	0
mORF_+_2982110	2982110	2982175	+	2	66	TTG	TGA	0	0
mORF_+_2982165	2982165	2982191	+	3	27	GTG	TAG	0	0
mORF_+_2982172	2982172	2982255	+	1	84	GTG	TAA	0	0
mORF_+_2982191	2982191	2982226	+	2	36	GTG	TGA	0	0
mORF_+_2982228	2982228	2982242	+	3	15	ATG	TAG	0	0
mORF_+_2982266	2982266	2982280	+	2	15	ATG	TAA	0	0
mORF_+_2982298	2982298	2982417	+	1	120	GTG	TAA	0	0
mORF_+_2982303	2982303	2982326	+	3	24	GTG	TGA	0	0
mORF_+_2982323	2982323	2982340	+	2	18	ATG	TGA	0	0
mORF_+_2982354	2982354	2982599	+	3	246	ATG	TGA	0	0
mORF_+_2982425	2982425	2982529	+	2	105	ATG	TGA	0	0
mORF_+_2982526	2982526	2982810	+	1	285	ATG	TAA	0	0
mORF_+_2982596	2982596	2983084	+	2	489	TTG	TAA	0	0
mORF_+_2982651	2982651	2982671	+	3	21	GTG	TAG	0	0
mORF_+_2982756	2982756	2983031	+	3	276	ATG	TAA	0	0
mORF_+_2983000	2983000	2983506	+	1	507	TTG	TAA	0	0
mORF_+_2983077	2983077	2983106	+	3	30	GTG	TGA	0	0
mORF_+_2983106	2983106	2983150	+	2	45	ATG	TGA	0	0
mORF_+_2983157	2983157	2983318	+	2	162	TTG	TGA	0	0
mORF_+_2983218	2983218	2983286	+	3	69	GTG	TGA	0	0
mORF_+_2983332	2983332	2983340	+	3	9	GTG	TAA	0	0
mORF_+_2983367	2983367	2983453	+	2	87	GTG	TGA	0	0
mORF_+_2983371	2983371	2983388	+	3	18	TTG	TAG	0	0
mORF_+_2983416	2983416	2983577	+	3	162	TTG	TAG	0	0
mORF_+_2983543	2983543	2983554	+	1	12	ATG	TAA	0	0
mORF_+_2983578	2983578	2983634	+	3	57	GTG	TAA	0	0
mORF_+_2983637	2983637	2983645	+	2	9	GTG	TAG	0	0
mORF_+_2983649	2983649	2983783	+	2	135	ATG	TAG	0	0
mORF_+_2983653	2983653	2983682	+	3	30	TTG	TAA	0	0
mORF_+_2983675	2983675	2983737	+	1	63	TTG	TAA	0	0
mORF_+_2983752	2983752	2983775	+	3	24	TTG	TAG	0	0
mORF_+_2983818	2983818	2983856	+	3	39	ATG	TGA	0	0
mORF_+_2983826	2983826	2983852	+	2	27	TTG	TAG	0	0
mORF_+_2983853	2983853	2983876	+	2	24	ATG	TAA	0	0
mORF_+_2983869	2983869	2985098	+	3	1230	ATG	TAA	0	0
mORF_+_2983880	2983880	2983888	+	2	9	TTG	TAA	0	0
mORF_+_2983901	2983901	2984035	+	2	135	GTG	TAA	0	0
mORF_+_2983930	2983930	2983965	+	1	36	TTG	TAG	0	0
mORF_+_2984042	2984042	2984080	+	2	39	GTG	TGA	0	0
mORF_+_2984077	2984077	2984088	+	1	12	GTG	TAA	0	0
mORF_+_2984110	2984110	2984133	+	1	24	ATG	TGA	0	0
mORF_+_2984161	2984161	2984175	+	1	15	TTG	TGA	0	0
mORF_+_2984179	2984179	2984259	+	1	81	ATG	TGA	0	0
mORF_+_2984266	2984266	2984277	+	1	12	GTG	TAA	0	0
mORF_+_2984308	2984308	2984325	+	1	18	ATG	TAA	0	0
mORF_+_2984350	2984350	2984409	+	1	60	TTG	TAA	0	0
mORF_+_2984390	2984390	2984401	+	2	12	TTG	TGA	0	0
mORF_+_2984450	2984450	2984485	+	2	36	ATG	TAG	0	0
mORF_+_2984509	2984509	2984517	+	1	9	TTG	TAG	0	0
mORF_+_2984524	2984524	2984571	+	1	48	GTG	TGA	0	0
mORF_+_2984555	2984555	2984620	+	2	66	ATG	TAG	0	0
mORF_+_2984599	2984599	2984751	+	1	153	GTG	TAG	0	0

mORF_+_2984717	2984717	2984797	+	2	81	ATG	TGA	0	0
mORF_+_2984752	2984752	2984844	+	1	93	TTG	TAA	0	0
mORF_+_2984854	2984854	2984895	+	1	42	GTG	TGA	0	0
mORF_+_2984905	2984905	2984940	+	1	36	TTG	TGA	0	0
mORF_+_2984909	2984909	2984920	+	2	12	TTG	TAA	0	0
mORF_+_2984965	2984965	2984973	+	1	9	TTG	TGA	0	0
mORF_+_2985071	2985071	2985094	+	2	24	GTG	TAG	0	0
mORF_+_2985105	2985105	2985155	+	3	51	TTG	TAA	0	0
mORF_+_2985107	2985107	2985136	+	2	30	GTG	TGA	0	0
mORF_+_2985133	2985133	2985204	+	1	72	TTG	TAG	0	0
mORF_+_2985264	2985264	2985344	+	3	81	ATG	TAG	0	0
mORF_+_2985366	2985366	2985377	+	3	12	ATG	TAA	0	0
mORF_+_2985382	2985382	2985402	+	1	21	GTG	TGA	0	0
mORF_+_2985399	2985399	2985458	+	3	60	TTG	TAA	0	0
mORF_+_2985412	2985412	2985423	+	1	12	ATG	TAA	0	0
mORF_+_2985424	2985424	2985444	+	1	21	ATG	TAG	0	0
mORF_+_2985490	2985490	2985501	+	1	12	ATG	TGA	0	0
mORF_+_2985498	2985498	2986190	+	3	693	TTG	TGA	0	0
mORF_+_2985517	2985517	2985621	+	1	105	ATG	TAA	0	0
mORF_+_2985566	2985566	2985571	+	2	6	TTG	TAG	0	0
mORF_+_2985590	2985590	2985598	+	2	9	ATG	TAG	0	0
mORF_+_2985599	2985599	2985700	+	2	102	TTG	TAA	0	0
mORF_+_2985703	2985703	2985714	+	1	12	GTG	TAG	0	0
mORF_+_2985739	2985739	2985750	+	1	12	ATG	TAA	0	0
mORF_+_2985763	2985763	2985780	+	1	18	TTG	TAA	0	0
mORF_+_2985799	2985799	2985852	+	1	54	TTG	TAG	0	0
mORF_+_2985928	2985928	2986014	+	1	87	ATG	TAA	0	0
mORF_+_2986072	2986072	2986152	+	1	81	TTG	TAA	0	0
mORF_+_2986187	2986187	2986240	+	2	54	TTG	TGA	0	0
mORF_+_2986237	2986237	2986281	+	1	45	TTG	TAA	0	0
mORF_+_2986242	2986242	2986262	+	3	21	ATG	TAG	0	0
mORF_+_2986334	2986334	2986360	+	2	27	ATG	TAA	0	0
mORF_+_2986361	2986361	2986477	+	2	117	ATG	TAG	0	0
mORF_+_2986395	2986395	2986406	+	3	12	TTG	TAA	0	0
mORF_+_2986425	2986425	2986505	+	3	81	ATG	TGA	0	0
mORF_+_2986453	2986453	2986461	+	1	9	ATG	TAA	0	0
mORF_+_2986484	2986484	2986489	+	2	6	ATG	TGA	0	0
mORF_+_2986486	2986486	2986578	+	1	93	GTG	TAA	0	0
mORF_+_2986502	2986502	2986510	+	2	9	TTG	TAG	0	0
mORF_+_2986517	2986517	2986540	+	2	24	TTG	TAA	0	0
mORF_+_2986524	2986524	2987333	+	3	810	ATG	TGA	0	0
mORF_+_2986631	2986631	2986651	+	2	21	ATG	TGA	0	0
mORF_+_2986648	2986648	2986800	+	1	153	TTG	TAA	0	0
mORF_+_2986801	2986801	2986863	+	1	63	TTG	TAA	0	0
mORF_+_2986894	2986894	2986911	+	1	18	ATG	TAA	0	0
mORF_+_2986918	2986918	2986983	+	1	66	ATG	TAA	0	0
mORF_+_2987011	2987011	2987019	+	1	9	TTG	TAG	0	0
mORF_+_2987036	2987036	2987050	+	2	15	TTG	TAA	0	0
mORF_+_2987089	2987089	2987121	+	1	33	TTG	TAA	0	0
mORF_+_2987134	2987134	2987145	+	1	12	TTG	TGA	0	0
mORF_+_2987207	2987207	2987266	+	2	60	GTG	TAA	0	0
mORF_+_2987224	2987224	2987247	+	1	24	TTG	TGA	0	0
mORF_+_2987248	2987248	2987301	+	1	54	TTG	TAA	0	0
mORF_+_2987314	2987314	2987808	+	1	495	GTG	TAA	0	0
mORF_+_2987330	2987330	2987362	+	2	33	TTG	TAG	0	0
mORF_+_2987372	2987372	2987419	+	2	48	GTG	TGA	0	0
mORF_+_2987433	2987433	2987459	+	3	27	ATG	TAA	0	0
mORF_+_2987459	2987459	2987533	+	2	75	ATG	TGA	0	0
mORF_+_2987534	2987534	2987626	+	2	93	GTG	TAA	0	0
mORF_+_2987595	2987595	2987603	+	3	9	ATG	TGA	0	0
mORF_+_2987648	2987648	2987728	+	2	81	TTG	TAA	0	0
mORF_+_2987756	2987756	2987770	+	2	15	ATG	TGA	0	0
mORF_+_2987774	2987774	2987791	+	2	18	TTG	TAA	0	0

mORF_+_2987796	2987796	2987813	+	3	18	TTG	TAA	0	0
mORF_+_2987798	2987798	2987818	+	2	21	GTG	TAG	0	0
mORF_+_2987830	2987830	2987844	+	1	15	ATG	TAA	0	0
mORF_+_2987880	2987880	2987891	+	3	12	ATG	TAA	0	0
mORF_+_2987904	2987904	2987945	+	3	42	TTG	TAA	0	0
mORF_+_2987935	2987935	2988006	+	1	72	TTG	TAG	0	0
mORF_+_2987952	2987952	2988173	+	3	222	ATG	TAA	0	0
mORF_+_2988034	2988034	2988039	+	1	6	ATG	TAA	0	0
mORF_+_2988079	2988079	2988090	+	1	12	GTG	TAG	0	0
mORF_+_2988163	2988163	2988183	+	1	21	GTG	TAA	0	0
mORF_+_2988198	2988198	2988347	+	3	150	TTG	TAG	0	0
mORF_+_2988232	2988232	2988264	+	1	33	TTG	TGA	0	0
mORF_+_2988257	2988257	2988295	+	2	39	TTG	TAA	0	0
mORF_+_2988304	2988304	2988474	+	1	171	TTG	TAA	0	0
mORF_+_2988338	2988338	2988448	+	2	111	ATG	TAA	0	0
mORF_+_2988375	2988375	2988407	+	3	33	ATG	TGA	0	0
mORF_+_2988465	2988465	2988512	+	3	48	GTG	TGA	0	0
mORF_+_2988509	2988509	2988574	+	2	66	GTG	TAA	0	0
mORF_+_2988516	2988516	2988563	+	3	48	TTG	TGA	0	0
mORF_+_2988547	2988547	2988555	+	1	9	TTG	TAA	0	0
mORF_+_2988576	2988576	2989022	+	3	447	ATG	TGA	0	0
mORF_+_2988652	2988652	2988702	+	1	51	ATG	TAA	0	0
mORF_+_2988709	2988709	2988741	+	1	33	TTG	TAA	0	0
mORF_+_2988745	2988745	2988759	+	1	15	ATG	TAA	0	0
mORF_+_2988838	2988838	2988846	+	1	9	ATG	TAA	0	0
mORF_+_2988862	2988862	2988873	+	1	12	ATG	TAA	0	0
mORF_+_2988895	2988895	2988900	+	1	6	ATG	TAG	0	0
mORF_+_2988923	2988923	2988961	+	2	39	ATG	TAA	0	0
mORF_+_2989019	2989019	2989045	+	2	27	TTG	TGA	0	0
mORF_+_2989027	2989027	2989065	+	1	39	ATG	TAA	0	0
mORF_+_2989073	2989073	2989078	+	2	6	ATG	TAA	0	0
mORF_+_2989078	2989078	2989086	+	1	9	ATG	TAA	0	0
mORF_+_2989104	2989104	2989145	+	3	42	GTG	TAG	0	0
mORF_+_2989126	2989126	2989167	+	1	42	ATG	TAA	0	0
mORF_+_2989145	2989145	2989213	+	2	69	GTG	TAA	0	0
mORF_+_2989167	2989167	2989184	+	3	18	ATG	TAA	0	0
mORF_+_2989188	2989188	2989199	+	3	12	ATG	TAA	0	0
mORF_+_2989237	2989237	2989293	+	1	57	ATG	TGA	0	0
mORF_+_2989257	2989257	2989781	+	3	525	TTG	TAA	0	0
mORF_+_2989306	2989306	2989347	+	1	42	TTG	TAA	0	0
mORF_+_2989331	2989331	2989402	+	2	72	ATG	TGA	0	0
mORF_+_2989387	2989387	2989395	+	1	9	ATG	TAA	0	0
mORF_+_2989408	2989408	2989458	+	1	51	TTG	TAA	0	0
mORF_+_2989487	2989487	2989513	+	2	27	GTG	TGA	0	0
mORF_+_2989495	2989495	2989521	+	1	27	ATG	TAA	0	0
mORF_+_2989528	2989528	2989587	+	1	60	TTG	TAA	0	0
mORF_+_2989538	2989538	2989573	+	2	36	ATG	TGA	0	0
mORF_+_2989606	2989606	2989755	+	1	150	ATG	TAA	0	0
mORF_+_2989640	2989640	2989657	+	2	18	ATG	TAA	0	0
mORF_+_2989679	2989679	2989699	+	2	21	ATG	TAA	0	0
mORF_+_2989703	2989703	2989708	+	2	6	TTG	TGA	0	0
mORF_+_2989774	2989774	2989872	+	1	99	ATG	TAA	0	0
mORF_+_2989805	2989805	2989894	+	2	90	TTG	TAA	0	0
mORF_+_2989848	2989848	2989859	+	3	12	ATG	TAA	0	0
mORF_+_2989909	2989909	2989917	+	1	9	ATG	TAG	0	0
mORF_+_2989940	2989940	2989984	+	2	45	TTG	TAA	0	0
mORF_+_2989989	2989989	2990045	+	3	57	GTG	TAA	0	0
mORF_+_2990014	2990014	2990019	+	1	6	ATG	TAA	0	0
mORF_+_2990035	2990035	2990055	+	1	21	ATG	TAG	0	0
mORF_+_2990048	2990048	2990116	+	2	69	ATG	TAA	0	0
mORF_+_2990068	2990068	2990112	+	1	45	TTG	TAA	0	0
mORF_+_2990116	2990116	2991492	+	1	1377	ATG	TAA	0	0
mORF_+_2990150	2990150	2990161	+	2	12	TTG	TAA	0	0

mORF_+_2990174	2990174	2990227	+	2	54	ATG	TAG	0	0
mORF_+_2990228	2990228	2990236	+	2	9	GTG	TAA	0	0
mORF_+_2990246	2990246	2990272	+	2	27	TTG	TGA	0	0
mORF_+_2990295	2990295	2990315	+	3	21	ATG	TAG	0	0
mORF_+_2990309	2990309	2990329	+	2	21	TTG	TGA	0	0
mORF_+_2990334	2990334	2990363	+	3	30	ATG	TGA	0	0
mORF_+_2990360	2990360	2990389	+	2	30	TTG	TAG	0	0
mORF_+_2990382	2990382	2990441	+	3	60	TTG	TAA	0	0
mORF_+_2990447	2990447	2990476	+	2	30	ATG	TAG	0	0
mORF_+_2990567	2990567	2990638	+	2	72	ATG	TGA	0	0
mORF_+_2990604	2990604	2990609	+	3	6	TTG	TAA	0	0
mORF_+_2990687	2990687	2990695	+	2	9	ATG	TGA	0	0
mORF_+_2990708	2990708	2990716	+	2	9	TTG	TGA	0	0
mORF_+_2990762	2990762	2990797	+	2	36	TTG	TAG	0	0
mORF_+_2990885	2990885	2990896	+	2	12	ATG	TAG	0	0
mORF_+_2990957	2990957	2990995	+	2	39	TTG	TAA	0	0
mORF_+_2991003	2991003	2991059	+	3	57	ATG	TGA	0	0
mORF_+_2991047	2991047	2991088	+	2	42	ATG	TAG	0	0
mORF_+_2991101	2991101	2991115	+	2	15	ATG	TAA	0	0
mORF_+_2991125	2991125	2991139	+	2	15	ATG	TAG	0	0
mORF_+_2991197	2991197	2991229	+	2	33	TTG	TAG	0	0
mORF_+_2991269	2991269	2991301	+	2	33	ATG	TAG	0	0
mORF_+_2991294	2991294	2991377	+	3	84	TTG	TAA	0	0
mORF_+_2991341	2991341	2991346	+	2	6	TTG	TGA	0	0
mORF_+_2991356	2991356	2991361	+	2	6	GTG	TAG	0	0
mORF_+_2991368	2991368	2991442	+	2	75	ATG	TAA	0	0
mORF_+_2991443	2991443	2991457	+	2	15	TTG	TGA	0	0
mORF_+_2991480	2991480	2991503	+	3	24	TTG	TGA	0	0
mORF_+_2991500	2991500	2991556	+	2	57	TTG	TAA	0	0
mORF_+_2991522	2991522	2991566	+	3	45	ATG	TAA	0	0
mORF_+_2991526	2991526	2991543	+	1	18	ATG	TAA	0	0
mORF_+_2991580	2991580	2991594	+	1	15	TTG	TAA	0	0
mORF_+_2991596	2991596	2991604	+	2	9	ATG	TAG	0	0
mORF_+_2991615	2991615	2991623	+	3	9	ATG	TAA	0	0
mORF_+_2991630	2991630	2991878	+	3	249	TTG	TAG	0	0
mORF_+_2991712	2991712	2991741	+	1	30	ATG	TAG	0	0
mORF_+_2991760	2991760	2991795	+	1	36	GTG	TAG	0	0
mORF_+_2991803	2991803	2991826	+	2	24	ATG	TGA	0	0
mORF_+_2991823	2991823	2991894	+	1	72	ATG	TAA	0	0
mORF_+_2991872	2991872	2991886	+	2	15	GTG	TGA	0	0
mORF_+_2991951	2991951	2991980	+	3	30	ATG	TAA	0	0
mORF_+_2991961	2991961	2992437	+	1	477	ATG	TAG	0	0
mORF_+_2992002	2992002	2992049	+	3	48	TTG	TAA	0	0
mORF_+_2992049	2992049	2992087	+	2	39	ATG	TAA	0	0
mORF_+_2992103	2992103	2992120	+	2	18	TTG	TAA	0	0
mORF_+_2992179	2992179	2992244	+	3	66	TTG	TGA	0	0
mORF_+_2992226	2992226	2992234	+	2	9	GTG	TAA	0	0
mORF_+_2992241	2992241	2992258	+	2	18	ATG	TAG	0	0
mORF_+_2992266	2992266	2992280	+	3	15	TTG	TAA	0	0
mORF_+_2992317	2992317	2992352	+	3	36	TTG	TAA	0	0
mORF_+_2992319	2992319	2992327	+	2	9	GTG	TAA	0	0
mORF_+_2992352	2992352	2992429	+	2	78	ATG	TAA	0	0
mORF_+_2992460	2992460	2992489	+	2	30	ATG	TAG	0	0
mORF_+_2992489	2992489	2992539	+	1	51	GTG	TGA	0	0
mORF_+_2992536	2992536	2992547	+	3	12	GTG	TAA	0	0
mORF_+_2992555	2992555	2992572	+	1	18	ATG	TGA	0	0
mORF_+_2992569	2992569	2992595	+	3	27	ATG	TAA	0	0
mORF_+_2992618	2992618	2992677	+	1	60	TTG	TGA	0	0
mORF_+_2992622	2992622	2992642	+	2	21	TTG	TGA	0	0
mORF_+_2992644	2992644	2992649	+	3	6	TTG	TAA	0	0
mORF_+_2992667	2992667	2992672	+	2	6	TTG	TAA	0	0
mORF_+_2992674	2992674	2992775	+	3	102	TTG	TAG	0	0
mORF_+_2992738	2992738	2992743	+	1	6	GTG	TAA	0	0

mORF_+_2992785	2992785	2992838	+	3	54	GTG	TGA	0	0
mORF_+_2992835	2992835	2992870	+	2	36	TTG	TAA	0	0
mORF_+_2992875	2992875	2992949	+	3	75	ATG	TAA	0	0
mORF_+_2992972	2992972	2993010	+	1	39	TTG	TAG	0	0
mORF_+_2993040	2993040	2993090	+	3	51	ATG	TGA	0	0
mORF_+_2993128	2993128	2993133	+	1	6	GTG	TAA	0	0
mORF_+_2993134	2993134	2993142	+	1	9	ATG	TAA	0	0
mORF_+_2993201	2993201	2993212	+	2	12	TTG	TAA	0	0
mORF_+_2993215	2993215	2993229	+	1	15	ATG	TAA	0	0
mORF_+_2993241	2993241	2993414	+	3	174	TTG	TAA	0	0
mORF_+_2993275	2993275	2993283	+	1	9	ATG	TGA	0	0
mORF_+_2993323	2993323	2993442	+	1	120	TTG	TAA	0	0
mORF_+_2993384	2993384	2993410	+	2	27	ATG	TAA	0	0
mORF_+_2993414	2993414	2993476	+	2	63	ATG	TAA	0	0
mORF_+_2993445	2993445	2993465	+	3	21	TTG	TGA	0	0
mORF_+_2993480	2993480	2993590	+	2	111	TTG	TGA	0	0
mORF_+_2993566	2993566	2993571	+	1	6	ATG	TAA	0	0
mORF_+_2993587	2993587	2993634	+	1	48	TTG	TGA	0	0
mORF_+_2993592	2993592	2993819	+	3	228	TTG	TAA	0	0
mORF_+_2993648	2993648	2993668	+	2	21	ATG	TGA	0	0
mORF_+_2993671	2993671	2993709	+	1	39	TTG	TGA	0	0
mORF_+_2993840	2993840	2993854	+	2	15	ATG	TAG	0	0
mORF_+_2993847	2993847	2993876	+	3	30	TTG	TAA	0	0
mORF_+_2993869	2993869	2994051	+	1	183	TTG	TAA	0	0
mORF_+_2993913	2993913	2993945	+	3	33	TTG	TAA	0	0
mORF_+_2993918	2993918	2994061	+	2	144	GTG	TAA	0	0
mORF_+_2994000	2994000	2994044	+	3	45	TTG	TAA	0	0
mORF_+_2994064	2994064	2994126	+	1	63	GTG	TAA	0	0
mORF_+_2994089	2994089	2994118	+	2	30	TTG	TAA	0	0
mORF_+_2994093	2994093	2994164	+	3	72	ATG	TAG	0	0
mORF_+_2994131	2994131	2994169	+	2	39	TTG	TAA	0	0
mORF_+_2994139	2994139	2994192	+	1	54	TTG	TGA	0	0
mORF_+_2994189	2994189	2994203	+	3	15	GTG	TGA	0	0
mORF_+_2994200	2994200	2994262	+	2	63	GTG	TGA	0	0
mORF_+_2994213	2994213	2994269	+	3	57	ATG	TAA	0	0
mORF_+_2994229	2994229	2994258	+	1	30	GTG	TAG	0	0
mORF_+_2994332	2994332	2994349	+	2	18	GTG	TAA	0	0
mORF_+_2994358	2994358	2994423	+	1	66	ATG	TAA	0	0
mORF_+_2994375	2994375	2994560	+	3	186	TTG	TGA	0	0
mORF_+_2994481	2994481	2994540	+	1	60	ATG	TAA	0	0
mORF_+_2994551	2994551	2994571	+	2	21	TTG	TAG	0	0
mORF_+_2994635	2994635	2994694	+	2	60	GTG	TAG	0	0
mORF_+_2994675	2994675	2994686	+	3	12	GTG	TAG	0	0
mORF_+_2994696	2994696	2994776	+	3	81	ATG	TGA	0	0
mORF_+_2994743	2994743	2994922	+	2	180	TTG	TGA	0	0
mORF_+_2994823	2994823	2995254	+	1	432	GTG	TAA	0	0
mORF_+_2994828	2994828	2994863	+	3	36	GTG	TGA	0	0
mORF_+_2994923	2994923	2995024	+	2	102	TTG	TAA	0	0
mORF_+_2994954	2994954	2995016	+	3	63	GTG	TGA	0	0
mORF_+_2995031	2995031	2995099	+	2	69	TTG	TAA	0	0
mORF_+_2995107	2995107	2995124	+	3	18	TTG	TAA	0	0
mORF_+_2995160	2995160	2995165	+	2	6	GTG	TGA	0	0
mORF_+_2995208	2995208	2995333	+	2	126	ATG	TGA	0	0
mORF_+_2995287	2995287	2995487	+	3	201	GTG	TAA	0	0
mORF_+_2995330	2995330	2995557	+	1	228	TTG	TGA	0	0
mORF_+_2995506	2995506	2995610	+	3	105	ATG	TAA	0	0
mORF_+_2995562	2995562	2995636	+	2	75	TTG	TGA	0	0
mORF_+_2995579	2995579	2995746	+	1	168	GTG	TGA	0	0
mORF_+_2995676	2995676	2995714	+	2	39	GTG	TAA	0	0
mORF_+_2995686	2995686	2995757	+	3	72	TTG	TAG	0	0
mORF_+_2995733	2995733	2995762	+	2	30	GTG	TAA	0	0
mORF_+_2995798	2995798	2995839	+	1	42	ATG	TAA	0	0
mORF_+_2995877	2995877	2996077	+	2	201	ATG	TAG	0	0

mORF_+_2995882	2995882	2995902	+	1	21	GTG	TGA	0	0
mORF_+_2995896	2995896	2995925	+	3	30	TTG	TGA	0	0
mORF_+_2995983	2995983	2996072	+	3	90	TTG	TAA	0	0
mORF_+_2996081	2996081	2996098	+	2	18	TTG	TAA	0	0
mORF_+_2996137	2996137	2996205	+	1	69	TTG	TAA	0	0
mORF_+_2996165	2996165	2996197	+	2	33	GTG	TAA	0	0
mORF_+_2996172	2996172	2996183	+	3	12	TTG	TAA	0	0
mORF_+_2996215	2996215	2996442	+	1	228	TTG	TGA	0	0
mORF_+_2996240	2996240	2996389	+	2	150	TTG	TAA	0	0
mORF_+_2996334	2996334	2996345	+	3	12	TTG	TAA	0	0
mORF_+_2996399	2996399	2996437	+	2	39	GTG	TGA	0	0
mORF_+_2996415	2996415	2996531	+	3	117	TTG	TAG	0	0
mORF_+_2996494	2996494	2996574	+	1	81	GTG	TAA	0	0
mORF_+_2996513	2996513	2996611	+	2	99	TTG	TGA	0	0
mORF_+_2996580	2996580	2996684	+	3	105	GTG	TAG	0	0
mORF_+_2996608	2996608	2996652	+	1	45	TTG	TAA	0	0
mORF_+_2996621	2996621	2996629	+	2	9	TTG	TAG	0	0
mORF_+_2996654	2996654	2996665	+	2	12	TTG	TGA	0	0
mORF_+_2996662	2996662	2996703	+	1	42	GTG	TAA	0	0
mORF_+_2996724	2996724	2996744	+	3	21	TTG	TAA	0	0
mORF_+_2996735	2996735	2996884	+	2	150	GTG	TAG	0	0
mORF_+_2996793	2996793	2996852	+	3	60	ATG	TAA	0	0
mORF_+_2996905	2996905	2997003	+	1	99	TTG	TAA	0	0
mORF_+_2996916	2996916	2997068	+	3	153	GTG	TGA	0	0
mORF_+_2996930	2996930	2996956	+	2	27	TTG	TAA	0	0
mORF_+_2996978	2996978	2997103	+	2	126	ATG	TAA	0	0
mORF_+_2997043	2997043	2997093	+	1	51	TTG	TAA	0	0
mORF_+_2997125	2997125	2997139	+	2	15	GTG	TGA	0	0
mORF_+_2997166	2997166	2997273	+	1	108	TTG	TAG	0	0
mORF_+_2997171	2997171	2997182	+	3	12	TTG	TGA	0	0
mORF_+_2997236	2997236	2997463	+	2	228	ATG	TGA	0	0
mORF_+_2997261	2997261	2997341	+	3	81	GTG	TAA	0	0
mORF_+_2997348	2997348	2997353	+	3	6	ATG	TAA	0	0
mORF_+_2997372	2997372	2997389	+	3	18	ATG	TAG	0	0
mORF_+_2997402	2997402	2997440	+	3	39	TTG	TAA	0	0
mORF_+_2997445	2997445	2997510	+	1	66	GTG	TGA	0	0
mORF_+_2997480	2997480	2997677	+	3	198	TTG	TGA	0	0
mORF_+_2997526	2997526	2997594	+	1	69	TTG	TAA	0	0
mORF_+_2997545	2997545	2997568	+	2	24	TTG	TGA	0	0
mORF_+_2997598	2997598	2997639	+	1	42	ATG	TAA	0	0
mORF_+_2997687	2997687	2997695	+	3	9	ATG	TAA	0	0
mORF_+_2997705	2997705	2997791	+	3	87	ATG	TAA	0	0
mORF_+_2997820	2997820	2997930	+	1	111	ATG	TAA	0	0
mORF_+_2997825	2997825	2998001	+	3	177	TTG	TAA	0	0
mORF_+_2997964	2997964	2998017	+	1	54	TTG	TAA	0	0
mORF_+_2997995	2997995	2998063	+	2	69	GTG	TAG	0	0
mORF_+_2998024	2998024	2998113	+	1	90	TTG	TAA	0	0
mORF_+_2998106	2998106	2998135	+	2	30	ATG	TGA	0	0
mORF_+_2998132	2998132	2998284	+	1	153	TTG	TAA	0	0
mORF_+_2998202	2998202	2998213	+	2	12	GTG	TAA	0	0
mORF_+_2998268	2998268	2998279	+	2	12	TTG	TAG	0	0
mORF_+_2998289	2998289	2998297	+	2	9	TTG	TAA	0	0
mORF_+_2998305	2998305	2998487	+	3	183	ATG	TAA	0	0
mORF_+_2998328	2998328	3000625	+	2	2298	ATG	TGA	0	0
mORF_+_2998363	2998363	2998389	+	1	27	ATG	TAA	0	0
mORF_+_2998438	2998438	2998461	+	1	24	GTG	TAG	0	0
mORF_+_2998494	2998494	2998634	+	3	141	ATG	TAA	0	0
mORF_+_2998641	2998641	2998814	+	3	174	ATG	TGA	0	0
mORF_+_2998729	2998729	2998797	+	1	69	GTG	TAA	0	0
mORF_+_2998839	2998839	2998928	+	3	90	ATG	TAA	0	0
mORF_+_2998909	2998909	2998953	+	1	45	TTG	TGA	0	0
mORF_+_2998950	2998950	2999123	+	3	174	ATG	TGA	0	0
mORF_+_2999038	2999038	2999082	+	1	45	ATG	TAA	0	0

mORF+_2999133	2999133	2999150	+	3	18	TTG	TGA	0	0
mORF+_2999166	2999166	2999231	+	3	66	GTG	TGA	0	0
mORF+_2999173	2999173	2999214	+	1	42	GTG	TGA	0	0
mORF+_2999265	2999265	2999483	+	3	219	ATG	TAG	0	0
mORF+_2999353	2999353	2999451	+	1	99	TTG	TGA	0	0
mORF+_2999487	2999487	2999717	+	3	231	TTG	TAG	0	0
mORF+_2999581	2999581	2999589	+	1	9	GTG	TGA	0	0
mORF+_2999611	2999611	2999685	+	1	75	ATG	TAG	0	0
mORF+_2999751	2999751	2999969	+	3	219	ATG	TAA	0	0
mORF+_3000054	3000054	3000077	+	3	24	TTG	TAA	0	0
mORF+_3000180	3000180	3000203	+	3	24	TTG	TGA	0	0
mORF+_3000213	3000213	3000350	+	3	138	TTG	TGA	0	0
mORF+_3000220	3000220	3000258	+	1	39	GTG	TGA	0	0
mORF+_3000357	3000357	3000506	+	3	150	ATG	TAA	0	0
mORF+_3000513	3000513	3000539	+	3	27	TTG	TGA	0	0
mORF+_3000552	3000552	3000578	+	3	27	GTG	TGA	0	0
mORF+_3000594	3000594	3000620	+	3	27	ATG	TGA	0	0
mORF+_3000622	3000622	3000744	+	1	123	TTG	TGA	0	0
mORF+_3000636	3000636	3001514	+	3	879	ATG	TGA	0	0
mORF+_3000763	3000763	3000876	+	1	114	ATG	TAA	0	0
mORF+_3000914	3000914	3000955	+	2	42	ATG	TAA	0	0
mORF+_3000916	3000916	3001023	+	1	108	GTG	TAA	0	0
mORF+_3000980	3000980	3001030	+	2	51	TTG	TGA	0	0
mORF+_3001027	3001027	3001353	+	1	327	ATG	TAA	0	0
mORF+_3001241	3001241	3001255	+	2	15	TTG	TAA	0	0
mORF+_3001396	3001396	3001461	+	1	66	ATG	TGA	0	0
mORF+_3001415	3001415	3001429	+	2	15	ATG	TAA	0	0
mORF+_3001511	3001511	3001990	+	2	480	ATG	TAA	0	0
mORF+_3001540	3001540	3001551	+	1	12	ATG	TAA	0	0
mORF+_3001626	3001626	3001694	+	3	69	GTG	TAG	0	0
mORF+_3001639	3001639	3001653	+	1	15	GTG	TGA	0	0
mORF+_3001654	3001654	3001725	+	1	72	ATG	TGA	0	0
mORF+_3001710	3001710	3001841	+	3	132	TTG	TGA	0	0
mORF+_3001816	3001816	3002007	+	1	192	GTG	TGA	0	0
mORF+_3001953	3001953	3001958	+	3	6	TTG	TAA	0	0
mORF+_3002032	3002032	3002058	+	1	27	ATG	TAA	0	0
mORF+_3002034	3002034	3002069	+	3	36	GTG	TAG	0	0
mORF+_3002079	3002079	3002123	+	3	45	ATG	TGA	0	0
mORF+_3002105	3002105	3002128	+	2	24	TTG	TGA	0	0
mORF+_3002125	3002125	3002211	+	1	87	GTG	TGA	0	0
mORF+_3002147	3002147	3002194	+	2	48	TTG	TGA	0	0
mORF+_3002172	3002172	3002402	+	3	231	GTG	TAA	0	0
mORF+_3002198	3002198	3002269	+	2	72	GTG	TAG	0	0
mORF+_3002236	3002236	3002283	+	1	48	TTG	TAA	0	0
mORF+_3002357	3002357	3002434	+	2	78	ATG	TAA	0	0
mORF+_3002441	3002441	3002452	+	2	12	ATG	TAG	0	0
mORF+_3002482	3002482	3002502	+	1	21	GTG	TAA	0	0
mORF+_3002547	3002547	3002567	+	3	21	ATG	TGA	0	0
mORF+_3002572	3002572	3002583	+	1	12	TTG	TGA	0	0
mORF+_3002580	3002580	3002726	+	3	147	ATG	TGA	0	0
mORF+_3002597	3002597	3002656	+	2	60	TTG	TAA	0	0
mORF+_3002602	3002602	3002646	+	1	45	TTG	TAG	0	0
mORF+_3002674	3002674	3002763	+	1	90	ATG	TAA	0	0
mORF+_3002745	3002745	3002780	+	3	36	TTG	TAA	0	0
mORF+_3002764	3002764	3002775	+	1	12	ATG	TAA	0	0
mORF+_3002826	3002826	3003056	+	3	231	TTG	TGA	0	0
mORF+_3002867	3002867	3002965	+	2	99	ATG	TAA	0	0
mORF+_3002872	3002872	3002922	+	1	51	TTG	TAA	0	0
mORF+_3002929	3002929	3002952	+	1	24	ATG	TAA	0	0
mORF+_3002966	3002966	3003067	+	2	102	TTG	TAA	0	0
mORF+_3003019	3003019	3003108	+	1	90	GTG	TGA	0	0
mORF+_3003074	3003074	3003112	+	2	39	TTG	TAA	0	0
mORF+_3003087	3003087	3003101	+	3	15	ATG	TGA	0	0

mORF+_3003105	3003105	3003251	+	3	147	ATG	TGA	0	0
mORF+_3003130	3003130	3003162	+	1	33	ATG	TAA	0	0
mORF+_3003140	3003140	3003181	+	2	42	ATG	TAA	0	0
mORF+_3003175	3003175	3003189	+	1	15	ATG	TGA	0	0
mORF+_3003218	3003218	3003241	+	2	24	TTG	TAA	0	0
mORF+_3003232	3003232	3003255	+	1	24	GTG	TAA	0	0
mORF+_3003315	3003315	3003356	+	3	42	ATG	TGA	0	0
mORF+_3003381	3003381	3003404	+	3	24	ATG	TAA	0	0
mORF+_3003392	3003392	3003421	+	2	30	ATG	TAA	0	0
mORF+_3003434	3003434	3003496	+	2	63	ATG	TAA	0	0
mORF+_3003498	3003498	3003758	+	3	261	ATG	TGA	0	0
mORF+_3003517	3003517	3003795	+	1	279	ATG	TAG	0	0
mORF+_3003614	3003614	3003631	+	2	18	GTG	TGA	0	0
mORF+_3003767	3003767	3003787	+	2	21	TTG	TGA	0	0
mORF+_3003844	3003844	3003873	+	1	30	TTG	TGA	0	0
mORF+_3003870	3003870	3003914	+	3	45	ATG	TAA	0	0
mORF+_3003933	3003933	3003974	+	3	42	ATG	TGA	0	0
mORF+_3003941	3003941	3004003	+	2	63	ATG	TGA	0	0
mORF+_3004118	3004118	3004123	+	2	6	TTG	TGA	0	0
mORF+_3004120	3004120	3004152	+	1	33	GTG	TAG	0	0
mORF+_3004157	3004157	3004174	+	2	18	TTG	TAA	0	0
mORF+_3004189	3004189	3004287	+	1	99	TTG	TGA	0	0
mORF+_3004241	3004241	3004249	+	2	9	GTG	TAA	0	0
mORF+_3004256	3004256	3004300	+	2	45	TTG	TAA	0	0
mORF+_3004284	3004284	3005474	+	3	1191	ATG	TAA	0	0
mORF+_3004300	3004300	3004308	+	1	9	ATG	TGA	0	0
mORF+_3004364	3004364	3004384	+	2	21	GTG	TGA	0	0
mORF+_3004381	3004381	3004389	+	1	9	ATG	TGA	0	0
mORF+_3004405	3004405	3004419	+	1	15	TTG	TAA	0	0
mORF+_3004429	3004429	3004470	+	1	42	GTG	TAG	0	0
mORF+_3004516	3004516	3004617	+	1	102	ATG	TGA	0	0
mORF+_3004639	3004639	3004752	+	1	114	TTG	TAG	0	0
mORF+_3004763	3004763	3004774	+	2	12	ATG	TGA	0	0
mORF+_3004771	3004771	3004842	+	1	72	TTG	TGA	0	0
mORF+_3004805	3004805	3004816	+	2	12	GTG	TGA	0	0
mORF+_3004885	3004885	3004926	+	1	42	ATG	TGA	0	0
mORF+_3004945	3004945	3004980	+	1	36	ATG	TGA	0	0
mORF+_3004987	3004987	3005115	+	1	129	ATG	TGA	0	0
mORF+_3005096	3005096	3005131	+	2	36	ATG	TGA	0	0
mORF+_3005140	3005140	3005163	+	1	24	GTG	TAA	0	0
mORF+_3005180	3005180	3005224	+	2	45	GTG	TGA	0	0
mORF+_3005245	3005245	3005319	+	1	75	GTG	TGA	0	0
mORF+_3005425	3005425	3005448	+	1	24	GTG	TGA	0	0
mORF+_3005532	3005532	3006728	+	3	1197	ATG	TAA	0	0
mORF+_3005554	3005554	3005649	+	1	96	TTG	TAG	0	0
mORF+_3005672	3005672	3005803	+	2	132	TTG	TGA	0	0
mORF+_3005674	3005674	3005709	+	1	36	GTG	TGA	0	0
mORF+_3005767	3005767	3005847	+	1	81	TTG	TGA	0	0
mORF+_3005851	3005851	3005871	+	1	21	ATG	TGA	0	0
mORF+_3005908	3005908	3005949	+	1	42	GTG	TGA	0	0
mORF+_3005915	3005915	3005986	+	2	72	GTG	TGA	0	0
mORF+_3005983	3005983	3005997	+	1	15	TTG	TGA	0	0
mORF+_3006004	3006004	3006030	+	1	27	GTG	TGA	0	0
mORF+_3006011	3006011	3006037	+	2	27	GTG	TGA	0	0
mORF+_3006034	3006034	3006054	+	1	21	ATG	TGA	0	0
mORF+_3006104	3006104	3006166	+	2	63	ATG	TGA	0	0
mORF+_3006163	3006163	3006198	+	1	36	ATG	TAA	0	0
mORF+_3006226	3006226	3006489	+	1	264	GTG	TAG	0	0
mORF+_3006541	3006541	3006609	+	1	69	GTG	TGA	0	0
mORF+_3006634	3006634	3006678	+	1	45	ATG	TGA	0	0
mORF+_3006694	3006694	3006720	+	1	27	TTG	TAG	0	0
mORF+_3006737	3006737	3006793	+	2	57	TTG	TAA	0	0
mORF+_3006786	3006786	3007997	+	3	1212	ATG	TAA	0	0

mORF+_3006817	3006817	3006849	+	1	33	TTG	TGA	0	0	
mORF+_3006871	3006871	3006909	+	1	39	TTG	TAG	0	0	
mORF+_3006955	3006955	3007104	+	1	150	TTG	TGA	0	0	
mORF+_3007105	3007105	3007548	+	1	444	TTG	TAG	0	0	
mORF+_3007247	3007247	3007267	+	2	21	GTG	TGA	0	0	
mORF+_3007538	3007538	3007651	+	2	114	TTG	TAA	0	0	
mORF+_3007657	3007657	3007773	+	1	117	TTG	TGA	0	0	
mORF+_3007715	3007715	3007762	+	2	48	ATG	TAA	0	0	
mORF+_3007774	3007774	3007872	+	1	99	ATG	TGA	0	0	
mORF+_3007817	3007817	3007834	+	2	18	GTG	TAA	0	0	
mORF+_3007879	3007879	3007944	+	1	66	TTG	TGA	0	0	
mORF+_3007948	3007948	3007977	+	1	30	GTG	TAA	0	0	
mORF+_3008038	3008038	3009435	+	1	1398	TTG	TAA	0	0	
mORF+_3008045	3008045	3008062	+	2	18	TTG	TGA	0	0	
mORF+_3008090	3008090	3008116	+	2	27	ATG	TGA	0	0	
mORF+_3008117	3008117	3008431	+	2	315	TTG	TGA	0	0	
mORF+_3008262	3008262	3008267	+	3	6	TTG	TGA	0	0	
mORF+_3008298	3008298	3008324	+	3	27	GTG	TGA	0	0	
mORF+_3008534	3008534	3008584	+	2	51	ATG	TGA	0	0	
mORF+_3008603	3008603	3008653	+	2	51	ATG	TAA	0	0	
mORF+_3008669	3008669	3008677	+	2	9	ATG	TGA	0	0	
mORF+_3008691	3008691	3008723	+	3	33	ATG	TAA	0	0	
mORF+_3008735	3008735	3008782	+	2	48	TTG	TAG	0	0	
mORF+_3008801	3008801	3008893	+	2	93	TTG	TGA	0	0	
mORF+_3008943	3008943	3008972	+	3	30	GTG	TGA	0	0	
mORF+_3008948	3008948	3009106	+	2	159	GTG	TGA	0	0	
mORF+_3009134	3009134	3009145	+	2	12	TTG	TAA	0	0	
mORF+_3009170	3009170	3009199	+	2	30	TTG	TAG	0	0	
mORF+_3009177	3009177	3009347	+	3	171	GTG	TGA	0	0	
mORF+_3009323	3009323	3009469	+	2	147	TTG	TGA	0	0	
mORF+_3009466	3009466	3009486	+	1	21	ATG	TGA	0	0	
mORF+_3009473	3009473	3009490	+	2	18	GTG	TAA	0	0	
mORF+_3009483	3009483	3010415	+	3	933	ATG	TAA	3	12	pORF+_3009483
mORF+_3009496	3009496	3009549	+	1	54	TTG	TGA	0	0	
mORF+_3009577	3009577	3009588	+	1	12	TTG	TAA	0	0	
mORF+_3009589	3009589	3009645	+	1	57	TTG	TGA	0	0	
mORF+_3009658	3009658	3009723	+	1	66	TTG	TAA	0	0	
mORF+_3009736	3009736	3009762	+	1	27	TTG	TAA	0	0	
mORF+_3009934	3009934	3010017	+	1	84	ATG	TAG	0	0	
mORF+_3010018	3010018	3010035	+	1	18	ATG	TGA	0	0	
mORF+_3010042	3010042	3010134	+	1	93	TTG	TAG	0	0	
mORF+_3010144	3010144	3010161	+	1	18	TTG	TGA	0	0	
mORF+_3010210	3010210	3010239	+	1	30	ATG	TAA	0	0	
mORF+_3010217	3010217	3010243	+	2	27	GTG	TGA	0	0	
mORF+_3010240	3010240	3010350	+	1	111	GTG	TGA	0	0	
mORF+_3010381	3010381	3010404	+	1	24	TTG	TGA	0	0	
mORF+_3010406	3010406	3010420	+	2	15	TTG	TAA	0	0	
mORF+_3010428	3010428	3010463	+	3	36	GTG	TAA	0	0	
mORF+_3010453	3010453	3010533	+	1	81	TTG	TAG	0	0	
mORF+_3010464	3010464	3010748	+	3	285	GTG	TGA	0	0	
mORF+_3010484	3010484	3010615	+	2	132	ATG	TAA	0	0	
mORF+_3010540	3010540	3010551	+	1	12	ATG	TAG	0	0	
mORF+_3010678	3010678	3010695	+	1	18	ATG	TAA	0	0	
mORF+_3010745	3010745	3011023	+	2	279	GTG	TAA	0	0	
mORF+_3010848	3010848	3010856	+	3	9	GTG	TAA	0	0	
mORF+_3010861	3010861	3010911	+	1	51	ATG	TAA	0	0	
mORF+_3010969	3010969	3011202	+	1	234	ATG	TGA	0	0	
mORF+_3011052	3011052	3011090	+	3	39	TTG	TAA	0	0	
mORF+_3011109	3011109	3011162	+	3	54	TTG	TAG	0	0	
mORF+_3011199	3011199	3011231	+	3	33	ATG	TGA	0	0	
mORF+_3011228	3011228	3011398	+	2	171	ATG	TGA	0	0	
mORF+_3011271	3011271	3011288	+	3	18	TTG	TGA	0	0	
mORF+_3011395	3011395	3011409	+	1	15	ATG	TAG	0	0	

mORF+_3011458	3011458	3011520	+	1	63	GTG	TAA	0	0	
mORF+_3011540	3011540	3011578	+	2	39	ATG	TAA	0	0	
mORF+_3011590	3011590	3011595	+	1	6	ATG	TAA	0	0	
mORF+_3011605	3011605	3011823	+	1	219	ATG	TGA	0	0	
mORF+_3011657	3011657	3011731	+	2	75	TTG	TGA	0	0	
mORF+_3011667	3011667	3011705	+	3	39	TTG	TGA	0	0	
mORF+_3011738	3011738	3011860	+	2	123	GTG	TAA	0	0	
mORF+_3011775	3011775	3011846	+	3	72	GTG	TGA	0	0	
mORF+_3011918	3011918	3012076	+	2	159	TTG	TGA	0	0	
mORF+_3011923	3011923	3011982	+	1	60	ATG	TGA	0	0	
mORF+_3011949	3011949	3011972	+	3	24	GTG	TGA	0	0	
mORF+_3011985	3011985	3012134	+	3	150	TTG	TAG	0	0	
mORF+_3012040	3012040	3012048	+	1	9	ATG	TAA	0	0	
mORF+_3012157	3012157	3012312	+	1	156	TTG	TAA	0	0	
mORF+_3012159	3012159	3012209	+	3	51	GTG	TAG	0	0	
mORF+_3012237	3012237	3012251	+	3	15	TTG	TGA	0	0	
mORF+_3012248	3012248	3012445	+	2	198	GTG	TAA	0	0	
mORF+_3012339	3012339	3012551	+	3	213	ATG	TAA	0	0	
mORF+_3012445	3012445	3012495	+	1	51	ATG	TGA	0	0	
mORF+_3012536	3012536	3012559	+	2	24	TTG	TAA	0	0	
mORF+_3012582	3012582	3012692	+	3	111	ATG	TAA	0	0	
mORF+_3012595	3012595	3012816	+	1	222	GTG	TGA	0	0	
mORF+_3012747	3012747	3012827	+	3	81	TTG	TGA	0	0	
mORF+_3012755	3012755	3012778	+	2	24	GTG	TAA	0	0	
mORF+_3012824	3012824	3012841	+	2	18	ATG	TAA	0	0	
mORF+_3012829	3012829	3012852	+	1	24	ATG	TGA	0	0	
mORF+_3012849	3012849	3012932	+	3	84	ATG	TAA	0	0	
mORF+_3012859	3012859	3012894	+	1	36	ATG	TGA	0	0	
mORF+_3012899	3012899	3012907	+	2	9	TTG	TAA	0	0	
mORF+_3012914	3012914	3012928	+	2	15	GTG	TGA	0	0	
mORF+_3012925	3012925	3013158	+	1	234	GTG	TAG	0	0	
mORF+_3013052	3013052	3013105	+	2	54	ATG	TAA	0	0	
mORF+_3013171	3013171	3013203	+	1	33	ATG	TAA	0	0	
mORF+_3013182	3013182	3013760	+	3	579	ATG	TAG	0	0	
mORF+_3013238	3013238	3013279	+	2	42	ATG	TGA	0	0	
mORF+_3013276	3013276	3013326	+	1	51	TTG	TAG	0	0	
mORF+_3013307	3013307	3013312	+	2	6	TTG	TAG	0	0	
mORF+_3013339	3013339	3013422	+	1	84	GTG	TAA	0	0	
mORF+_3013463	3013463	3013483	+	2	21	TTG	TGA	0	0	
mORF+_3013480	3013480	3013587	+	1	108	GTG	TAG	0	0	
mORF+_3013598	3013598	3013711	+	2	114	ATG	TGA	0	0	
mORF+_3013627	3013627	3013683	+	1	57	ATG	TAG	0	0	
mORF+_3013687	3013687	3013698	+	1	12	ATG	TAA	0	0	
mORF+_3013708	3013708	3013773	+	1	66	TTG	TAA	0	0	
mORF+_3013778	3013778	3013795	+	2	18	TTG	TAA	0	0	
mORF+_3013819	3013819	3013836	+	1	18	ATG	TGA	0	0	
mORF+_3013839	3013839	3013859	+	3	21	TTG	TGA	0	0	
mORF+_3013856	3013856	3013942	+	2	87	TTG	TAA	0	0	
mORF+_3013863	3013863	3013877	+	3	15	ATG	TAA	0	0	
mORF+_3013890	3013890	3013910	+	3	21	GTG	TAG	0	0	
mORF+_3013993	3013993	3014055	+	1	63	GTG	TGA	0	0	
mORF+_3014052	3014052	3014066	+	3	15	ATG	TAA	0	0	
mORF+_3014082	3014082	3017180	+	3	3099	ATG	TAA	2	2	pORF+_3014082
mORF+_3014110	3014110	3014124	+	1	15	TTG	TGA	0	0	
mORF+_3014134	3014134	3014199	+	1	66	TTG	TAA	0	0	
mORF+_3014224	3014224	3014304	+	1	81	GTG	TGA	0	0	
mORF+_3014344	3014344	3014529	+	1	186	TTG	TGA	0	0	
mORF+_3014390	3014390	3014398	+	2	9	GTG	TAA	0	0	
mORF+_3014405	3014405	3014431	+	2	27	ATG	TAA	0	0	
mORF+_3014656	3014656	3014670	+	1	15	ATG	TAG	0	0	
mORF+_3014743	3014743	3014841	+	1	99	ATG	TGA	0	0	
mORF+_3014798	3014798	3014848	+	2	51	TTG	TAA	0	0	
mORF+_3014872	3014872	3014913	+	1	42	GTG	TAG	0	0	

mORF+_3014932	3014932	3014952	+	1	21	TTG	TGA	0	0	
mORF+_3015013	3015013	3015021	+	1	9	TTG	TAA	0	0	
mORF+_3015070	3015070	3015192	+	1	123	GTG	TGA	0	0	
mORF+_3015208	3015208	3015252	+	1	45	TTG	TGA	0	0	
mORF+_3015277	3015277	3015345	+	1	69	GTG	TGA	0	0	
mORF+_3015361	3015361	3015369	+	1	9	ATG	TAA	0	0	
mORF+_3015412	3015412	3015438	+	1	27	TTG	TGA	0	0	
mORF+_3015451	3015451	3015642	+	1	192	TTG	TGA	0	0	
mORF+_3015587	3015587	3015688	+	2	102	TTG	TGA	0	0	
mORF+_3015685	3015685	3015747	+	1	63	ATG	TGA	0	0	
mORF+_3015748	3015748	3015849	+	1	102	TTG	TGA	0	0	
mORF+_3015907	3015907	3015927	+	1	21	TTG	TGA	0	0	
mORF+_3015931	3015931	3015957	+	1	27	TTG	TAA	0	0	
mORF+_3015961	3015961	3015972	+	1	12	TTG	TAA	0	0	
mORF+_3015991	3015991	3015999	+	1	9	ATG	TGA	0	0	
mORF+_3016000	3016000	3016032	+	1	33	TTG	TGA	0	0	
mORF+_3016054	3016054	3016191	+	1	138	ATG	TAG	0	0	
mORF+_3016238	3016238	3016255	+	2	18	ATG	TGA	0	0	
mORF+_3016252	3016252	3016278	+	1	27	ATG	TAG	0	0	
mORF+_3016312	3016312	3016329	+	1	18	ATG	TAA	0	0	
mORF+_3016348	3016348	3016404	+	1	57	TTG	TAA	0	0	
mORF+_3016411	3016411	3016416	+	1	6	TTG	TAG	0	0	
mORF+_3016435	3016435	3016464	+	1	30	TTG	TGA	0	0	
mORF+_3016465	3016465	3016533	+	1	69	ATG	TGA	0	0	
mORF+_3016579	3016579	3016728	+	1	150	TTG	TGA	0	0	
mORF+_3016732	3016732	3017043	+	1	312	GTG	TGA	2	12	pORF+_3016732
mORF+_3016781	3016781	3016786	+	2	6	ATG	TAA	0	0	
mORF+_3016793	3016793	3016897	+	2	105	TTG	TAA	0	0	
mORF+_3016901	3016901	3016939	+	2	39	ATG	TAA	0	0	
mORF+_3017021	3017021	3017047	+	2	27	TTG	TAA	0	0	
mORF+_3017117	3017117	3018511	+	2	1395	GTG	TAA	0	0	
mORF+_3017134	3017134	3017247	+	1	114	ATG	TGA	0	0	
mORF+_3017199	3017199	3017270	+	3	72	ATG	TGA	0	0	
mORF+_3017271	3017271	3017294	+	3	24	TTG	TGA	0	0	
mORF+_3017331	3017331	3017345	+	3	15	ATG	TGA	0	0	
mORF+_3017355	3017355	3017444	+	3	90	TTG	TGA	0	0	
mORF+_3017419	3017419	3017478	+	1	60	TTG	TGA	0	0	
mORF+_3017475	3017475	3017507	+	3	33	TTG	TGA	0	0	
mORF+_3017509	3017509	3017529	+	1	21	TTG	TAA	0	0	
mORF+_3017536	3017536	3017646	+	1	111	ATG	TGA	0	0	
mORF+_3017559	3017559	3017615	+	3	57	ATG	TAA	0	0	
mORF+_3017619	3017619	3017636	+	3	18	TTG	TGA	0	0	
mORF+_3017643	3017643	3017693	+	3	51	TTG	TAG	0	0	
mORF+_3017721	3017721	3017834	+	3	114	TTG	TGA	0	0	
mORF+_3017847	3017847	3018056	+	3	210	GTG	TGA	0	0	
mORF+_3018063	3018063	3018149	+	3	87	ATG	TGA	0	0	
mORF+_3018153	3018153	3018218	+	3	66	TTG	TGA	0	0	
mORF+_3018190	3018190	3018198	+	1	9	GTG	TGA	0	0	
mORF+_3018249	3018249	3018296	+	3	48	TTG	TAA	0	0	
mORF+_3018301	3018301	3018417	+	1	117	TTG	TGA	0	0	
mORF+_3018399	3018399	3018407	+	3	9	ATG	TGA	0	0	
mORF+_3018414	3018414	3018515	+	3	102	ATG	TGA	0	0	
mORF+_3018439	3018439	3018552	+	1	114	TTG	TAA	0	0	
mORF+_3018512	3018512	3018565	+	2	54	ATG	TGA	0	0	
mORF+_3018519	3018519	3018548	+	3	30	ATG	TAA	0	0	
mORF+_3018562	3018562	3019341	+	1	780	ATG	TGA	0	0	
mORF+_3018566	3018566	3018613	+	2	48	TTG	TGA	0	0	
mORF+_3018629	3018629	3019009	+	2	381	ATG	TAA	0	0	
mORF+_3018993	3018993	3019025	+	3	33	ATG	TAA	0	0	
mORF+_3019043	3019043	3019081	+	2	39	GTG	TAA	0	0	
mORF+_3019100	3019100	3019108	+	2	9	TTG	TGA	0	0	
mORF+_3019130	3019130	3019294	+	2	165	TTG	TAG	0	0	
mORF+_3019304	3019304	3019387	+	2	84	ATG	TAA	0	0	

mORF_+_3019338	3019338	3022208	+	3	2871	ATG	TAA	2	0	pORF_+_3019338
mORF_+_3019360	3019360	3019380	+	1	21	ATG	TAA	0	0	
mORF_+_3019447	3019447	3019485	+	1	39	GTG	TAA	0	0	
mORF_+_3019522	3019522	3019536	+	1	15	TTG	TAG	0	0	
mORF_+_3019574	3019574	3019612	+	2	39	ATG	TGA	0	0	
mORF_+_3019609	3019609	3019659	+	1	51	TTG	TGA	0	0	
mORF_+_3019741	3019741	3019845	+	1	105	ATG	TAG	0	0	
mORF_+_3019852	3019852	3019926	+	1	75	TTG	TAA	0	0	
mORF_+_3019993	3019993	3020046	+	1	54	ATG	TGA	0	0	
mORF_+_3020048	3020048	3020107	+	2	60	TTG	TGA	0	0	
mORF_+_3020074	3020074	3020199	+	1	126	GTG	TGA	1	2	pORF_+_3020074
mORF_+_3020212	3020212	3020238	+	1	27	TTG	TAA	0	0	
mORF_+_3020266	3020266	3020367	+	1	102	ATG	TGA	0	0	
mORF_+_3020422	3020422	3020469	+	1	48	ATG	TGA	0	0	
mORF_+_3020473	3020473	3020625	+	1	153	TTG	TGA	0	0	
mORF_+_3020507	3020507	3020518	+	2	12	GTG	TGA	0	0	
mORF_+_3020585	3020585	3020635	+	2	51	ATG	TAA	0	0	
mORF_+_3020641	3020641	3020727	+	1	87	ATG	TGA	0	0	
mORF_+_3020705	3020705	3020761	+	2	57	GTG	TGA	0	0	
mORF_+_3020758	3020758	3020841	+	1	84	GTG	TGA	0	0	
mORF_+_3020906	3020906	3020911	+	2	6	GTG	TAA	0	0	
mORF_+_3020942	3020942	3020950	+	2	9	GTG	TAA	0	0	
mORF_+_3020987	3020987	3021031	+	2	45	TTG	TAA	0	0	
mORF_+_3020995	3020995	3021054	+	1	60	ATG	TAG	0	0	
mORF_+_3021142	3021142	3021231	+	1	90	GTG	TGA	0	0	
mORF_+_3021236	3021236	3021265	+	2	30	ATG	TGA	0	0	
mORF_+_3021259	3021259	3021342	+	1	84	ATG	TGA	0	0	
mORF_+_3021385	3021385	3021417	+	1	33	GTG	TAG	0	0	
mORF_+_3021466	3021466	3021879	+	1	414	ATG	TAG	0	0	
mORF_+_3021530	3021530	3021544	+	2	15	TTG	TAA	0	0	
mORF_+_3021898	3021898	3021930	+	1	33	GTG	TGA	0	0	
mORF_+_3021946	3021946	3021969	+	1	24	ATG	TAA	0	0	
mORF_+_3021973	3021973	3022098	+	1	126	GTG	TAA	0	0	
mORF_+_3022099	3022099	3022212	+	1	114	ATG	TAA	0	0	
mORF_+_3022139	3022139	3022255	+	2	117	ATG	TGA	0	0	
mORF_+_3022216	3022216	3022248	+	1	33	ATG	TGA	0	0	
mORF_+_3022245	3022245	3022259	+	3	15	TTG	TAA	0	0	
mORF_+_3022252	3022252	3022263	+	1	12	ATG	TAG	0	0	
mORF_+_3022263	3022263	3022283	+	3	21	GTG	TAA	0	0	
mORF_+_3022316	3022316	3023773	+	2	1458	GTG	TAA	0	0	
mORF_+_3022341	3022341	3022385	+	3	45	ATG	TAA	0	0	
mORF_+_3022389	3022389	3022493	+	3	105	ATG	TAA	0	0	
mORF_+_3022512	3022512	3022568	+	3	57	GTG	TGA	0	0	
mORF_+_3022581	3022581	3022601	+	3	21	TTG	TAA	0	0	
mORF_+_3022659	3022659	3022673	+	3	15	TTG	TGA	0	0	
mORF_+_3022674	3022674	3022694	+	3	21	TTG	TGA	0	0	
mORF_+_3022752	3022752	3022841	+	3	90	TTG	TGA	0	0	
mORF_+_3022881	3022881	3022958	+	3	78	TTG	TAA	0	0	
mORF_+_3022959	3022959	3022967	+	3	9	TTG	TGA	0	0	
mORF_+_3023019	3023019	3023096	+	3	78	TTG	TAA	0	0	
mORF_+_3023026	3023026	3023130	+	1	105	ATG	TAG	0	0	
mORF_+_3023157	3023157	3023264	+	3	108	TTG	TGA	0	0	
mORF_+_3023283	3023283	3023330	+	3	48	ATG	TAA	0	0	
mORF_+_3023337	3023337	3023366	+	3	30	TTG	TGA	0	0	
mORF_+_3023385	3023385	3023408	+	3	24	ATG	TAA	0	0	
mORF_+_3023439	3023439	3023489	+	3	51	TTG	TGA	0	0	
mORF_+_3023508	3023508	3023549	+	3	42	TTG	TAA	0	0	
mORF_+_3023556	3023556	3023585	+	3	30	GTG	TAG	0	0	
mORF_+_3023595	3023595	3023654	+	3	60	TTG	TAG	0	0	
mORF_+_3023655	3023655	3023684	+	3	30	TTG	TAA	0	0	
mORF_+_3023668	3023668	3025107	+	1	1440	TTG	TAA	0	0	
mORF_+_3023715	3023715	3023837	+	3	123	GTG	TGA	0	0	
mORF_+_3023834	3023834	3024007	+	2	174	TTG	TGA	0	0	

mORF_+_3023931	3023931	3023972	+	3	42	ATG	TGA	0	0
mORF_+_3024020	3024020	3024094	+	2	75	TTG	TGA	0	0
mORF_+_3024087	3024087	3024098	+	3	12	GTG	TAA	0	0
mORF_+_3024125	3024125	3024136	+	2	12	ATG	TAG	0	0
mORF_+_3024209	3024209	3024277	+	2	69	TTG	TGA	0	0
mORF_+_3024278	3024278	3024292	+	2	15	TTG	TGA	0	0
mORF_+_3024383	3024383	3024463	+	2	81	ATG	TGA	0	0
mORF_+_3024483	3024483	3024506	+	3	24	GTG	TGA	0	0
mORF_+_3024503	3024503	3024532	+	2	30	GTG	TGA	0	0
mORF_+_3024551	3024551	3024589	+	2	39	ATG	TGA	0	0
mORF_+_3024602	3024602	3024724	+	2	123	GTG	TGA	0	0
mORF_+_3024639	3024639	3024749	+	3	111	GTG	TAA	0	0
mORF_+_3024773	3024773	3024808	+	2	36	GTG	TGA	0	0
mORF_+_3024857	3024857	3024916	+	2	60	ATG	TGA	0	0
mORF_+_3024917	3024917	3024958	+	2	42	TTG	TGA	0	0
mORF_+_3024995	3024995	3025015	+	2	21	ATG	TAG	0	0
mORF_+_3025049	3025049	3025132	+	2	84	ATG	TGA	0	0
mORF_+_3025129	3025129	3025260	+	1	132	GTG	TAA	0	0
mORF_+_3025143	3025143	3026510	+	3	1368	ATG	TAA	0	0
mORF_+_3025342	3025342	3025383	+	1	42	TTG	TGA	0	0
mORF_+_3025391	3025391	3025399	+	2	9	ATG	TAA	0	0
mORF_+_3025414	3025414	3025434	+	1	21	TTG	TGA	0	0
mORF_+_3025418	3025418	3025477	+	2	60	TTG	TAG	0	0
mORF_+_3025543	3025543	3025626	+	1	84	GTG	TGA	0	0
mORF_+_3025627	3025627	3025713	+	1	87	TTG	TGA	0	0
mORF_+_3025757	3025757	3025822	+	2	66	GTG	TGA	0	0
mORF_+_3025792	3025792	3025815	+	1	24	TTG	TAA	0	0
mORF_+_3025819	3025819	3025833	+	1	15	TTG	TGA	0	0
mORF_+_3025876	3025876	3025890	+	1	15	ATG	TGA	0	0
mORF_+_3025912	3025912	3025956	+	1	45	GTG	TGA	0	0
mORF_+_3025990	3025990	3026058	+	1	69	GTG	TGA	0	0
mORF_+_3026062	3026062	3026073	+	1	12	GTG	TAA	0	0
mORF_+_3026308	3026308	3026361	+	1	54	ATG	TGA	0	0
mORF_+_3026339	3026339	3026368	+	2	30	GTG	TAA	0	0
mORF_+_3026395	3026395	3026400	+	1	6	TTG	TGA	0	0
mORF_+_3026422	3026422	3026445	+	1	24	TTG	TGA	0	0
mORF_+_3026432	3026432	3026923	+	2	492	ATG	TAA	0	0
mORF_+_3026449	3026449	3026460	+	1	12	TTG	TGA	0	0
mORF_+_3026494	3026494	3026598	+	1	105	GTG	TGA	0	0
mORF_+_3026629	3026629	3026733	+	1	105	GTG	TGA	0	0
mORF_+_3026727	3026727	3026768	+	3	42	ATG	TGA	0	0
mORF_+_3026790	3026790	3026867	+	3	78	TTG	TGA	0	0
mORF_+_3026889	3026889	3026960	+	3	72	ATG	TGA	0	0
mORF_+_3026957	3026957	3027025	+	2	69	GTG	TAA	0	0
mORF_+_3027039	3027039	3027104	+	3	66	ATG	TGA	0	0
mORF_+_3027101	3027101	3027124	+	2	24	GTG	TGA	0	0
mORF_+_3027121	3027121	3027174	+	1	54	ATG	TAA	0	0
mORF_+_3027193	3027193	3027306	+	1	114	TTG	TGA	0	0
mORF_+_3027245	3027245	3027424	+	2	180	ATG	TGA	0	0
mORF_+_3027415	3027415	3027681	+	1	267	TTG	TAG	0	0
mORF_+_3027428	3027428	3027436	+	2	9	TTG	TGA	0	0
mORF_+_3027473	3027473	3027688	+	2	216	TTG	TGA	0	0
mORF_+_3027564	3027564	3027650	+	3	87	TTG	TGA	0	0
mORF_+_3027689	3027689	3027739	+	2	51	ATG	TAA	0	0
mORF_+_3027709	3027709	3027780	+	1	72	ATG	TAA	0	0
mORF_+_3027752	3027752	3027823	+	2	72	ATG	TGA	0	0
mORF_+_3027820	3027820	3027867	+	1	48	ATG	TAA	0	0
mORF_+_3027837	3027837	3027845	+	3	9	TTG	TGA	0	0
mORF_+_3027842	3027842	3027952	+	2	111	GTG	TGA	0	0
mORF_+_3027928	3027928	3027987	+	1	60	ATG	TAA	0	0
mORF_+_3028040	3028040	3028090	+	2	51	TTG	TAG	0	0
mORF_+_3028123	3028123	3028194	+	1	72	GTG	TAA	0	0
mORF_+_3028140	3028140	3028232	+	3	93	ATG	TAA	0	0

mORF_+_3028207	3028207	3028407	+	1	201	GTG	TGA	0	0	
mORF_+_3028256	3028256	3028261	+	2	6	ATG	TAA	0	0	
mORF_+_3028295	3028295	3028321	+	2	27	TTG	TAA	0	0	
mORF_+_3028353	3028353	3028436	+	3	84	GTG	TAA	0	0	
mORF_+_3028461	3028461	3028745	+	3	285	ATG	TAA	0	0	
mORF_+_3028499	3028499	3028783	+	2	285	TTG	TGA	0	0	
mORF_+_3028585	3028585	3029007	+	1	423	TTG	TAA	0	0	
mORF_+_3028874	3028874	3028909	+	2	36	TTG	TGA	0	0	
mORF_+_3028878	3028878	3028943	+	3	66	GTG	TAA	0	0	
mORF_+_3028979	3028979	3029026	+	2	48	ATG	TAG	0	0	
mORF_+_3029028	3029028	3029135	+	3	108	ATG	TAA	0	0	
mORF_+_3029069	3029069	3029176	+	2	108	TTG	TAA	0	0	
mORF_+_3029083	3029083	3029145	+	1	63	ATG	TAA	0	0	
mORF_+_3029146	3029146	3029172	+	1	27	ATG	TGA	0	0	
mORF_+_3029154	3029154	3029192	+	3	39	GTG	TGA	0	0	
mORF_+_3029176	3029176	3029259	+	1	84	ATG	TGA	0	0	
mORF_+_3029189	3029189	3029245	+	2	57	ATG	TAA	0	0	
mORF_+_3029256	3029256	3029342	+	3	87	GTG	TAA	0	0	
mORF_+_3029260	3029260	3030837	+	1	1578	TTG	TAA	1	16	pORF_+_3029260
mORF_+_3029352	3029352	3029444	+	3	93	TTG	TGA	0	0	
mORF_+_3029444	3029444	3029479	+	2	36	ATG	TGA	0	0	
mORF_+_3029504	3029504	3029542	+	2	39	TTG	TGA	0	0	
mORF_+_3029543	3029543	3029674	+	2	132	TTG	TGA	0	0	
mORF_+_3029604	3029604	3029870	+	3	267	TTG	TAG	0	0	
mORF_+_3029690	3029690	3029701	+	2	12	TTG	TAA	0	0	
mORF_+_3029717	3029717	3029725	+	2	9	TTG	TGA	0	0	
mORF_+_3029753	3029753	3029794	+	2	42	TTG	TAG	0	0	
mORF_+_3029843	3029843	3029944	+	2	102	GTG	TAG	0	0	
mORF_+_3029954	3029954	3029965	+	2	12	TTG	TAA	0	0	
mORF_+_3029990	3029990	3030061	+	2	72	ATG	TGA	0	0	
mORF_+_3030054	3030054	3030068	+	3	15	GTG	TGA	0	0	
mORF_+_3030065	3030065	3030163	+	2	99	ATG	TGA	0	0	
mORF_+_3030099	3030099	3030227	+	3	129	ATG	TGA	0	0	
mORF_+_3030224	3030224	3030232	+	2	9	GTG	TAG	0	0	
mORF_+_3030275	3030275	3030289	+	2	15	GTG	TAG	0	0	
mORF_+_3030347	3030347	3030364	+	2	18	TTG	TGA	0	0	
mORF_+_3030387	3030387	3030542	+	3	156	GTG	TAA	0	0	
mORF_+_3030419	3030419	3030451	+	2	33	TTG	TAG	0	0	
mORF_+_3030467	3030467	3030490	+	2	24	TTG	TAG	0	0	
mORF_+_3030572	3030572	3030601	+	2	30	TTG	TGA	0	0	
mORF_+_3030695	3030695	3030703	+	2	9	TTG	TGA	0	0	
mORF_+_3030716	3030716	3030745	+	2	30	ATG	TGA	0	0	
mORF_+_3030792	3030792	3030824	+	3	33	GTG	TGA	0	0	
mORF_+_3030821	3030821	3030964	+	2	144	ATG	TAA	0	0	
mORF_+_3030912	3030912	3030950	+	3	39	GTG	TGA	0	0	
mORF_+_3030965	3030965	3031012	+	2	48	ATG	TAA	0	0	
mORF_+_3031003	3031003	3031080	+	1	78	TTG	TGA	0	0	
mORF_+_3031061	3031061	3031114	+	2	54	GTG	TGA	0	0	
mORF_+_3031077	3031077	3031208	+	3	132	GTG	TAA	0	0	
mORF_+_3031087	3031087	3031635	+	1	549	ATG	TAA	1	2	pORF_+_3031087
mORF_+_3031115	3031115	3031228	+	2	114	ATG	TAG	0	0	
mORF_+_3031257	3031257	3031277	+	3	21	ATG	TAA	0	0	
mORF_+_3031284	3031284	3031346	+	3	63	TTG	TGA	0	0	
mORF_+_3031286	3031286	3031327	+	2	42	GTG	TGA	0	0	
mORF_+_3031343	3031343	3031495	+	2	153	ATG	TGA	0	0	
mORF_+_3031437	3031437	3031466	+	3	30	GTG	TAG	0	0	
mORF_+_3031506	3031506	3031514	+	3	9	ATG	TGA	0	0	
mORF_+_3031511	3031511	3031519	+	2	9	GTG	TAG	0	0	
mORF_+_3031523	3031523	3031576	+	2	54	ATG	TGA	0	0	
mORF_+_3031551	3031551	3031631	+	3	81	GTG	TAA	0	0	
mORF_+_3031650	3031650	3031664	+	3	15	TTG	TGA	0	0	
mORF_+_3031661	3031661	3031675	+	2	15	GTG	TAA	0	0	
mORF_+_3031675	3031675	3031713	+	1	39	ATG	TAA	0	0	

mORF+_3031722	3031722	3031817	+	3	96	ATG	TAA	0	0	
mORF+_3031727	3031727	3031792	+	2	66	ATG	TAA	0	0	
mORF+_3031796	3031796	3033211	+	2	1416	ATG	TAA	1	2	pORF+_3031796
mORF+_3031804	3031804	3031812	+	1	9	GTG	TGA	0	0	
mORF+_3031944	3031944	3032042	+	3	99	ATG	TGA	0	0	
mORF+_3032050	3032050	3032082	+	1	33	GTG	TAA	0	0	
mORF+_3032118	3032118	3032261	+	3	144	ATG	TAG	0	0	
mORF+_3032137	3032137	3032199	+	1	63	TTG	TGA	0	0	
mORF+_3032290	3032290	3032373	+	1	84	GTG	TGA	0	0	
mORF+_3032334	3032334	3032339	+	3	6	TTG	TAA	0	0	
mORF+_3032352	3032352	3032357	+	3	6	ATG	TAG	0	0	
mORF+_3032367	3032367	3032387	+	3	21	ATG	TGA	0	0	
mORF+_3032421	3032421	3032687	+	3	267	TTG	TAA	0	0	
mORF+_3032749	3032749	3032787	+	1	39	GTG	TAG	0	0	
mORF+_3032754	3032754	3032873	+	3	120	TTG	TAA	0	0	
mORF+_3032913	3032913	3033068	+	3	156	ATG	TGA	0	0	
mORF+_3033147	3033147	3033242	+	3	96	TTG	TGA	0	0	
mORF+_3033178	3033178	3033237	+	1	60	GTG	TAA	0	0	
mORF+_3033239	3033239	3034243	+	2	1005	TTG	TAA	0	0	
mORF+_3033270	3033270	3033329	+	3	60	GTG	TAA	0	0	
mORF+_3033354	3033354	3033419	+	3	66	ATG	TAA	0	0	
mORF+_3033441	3033441	3033449	+	3	9	ATG	TGA	0	0	
mORF+_3033453	3033453	3033551	+	3	99	TTG	TGA	0	0	
mORF+_3033567	3033567	3033575	+	3	9	GTG	TAA	0	0	
mORF+_3033582	3033582	3033638	+	3	57	ATG	TAA	0	0	
mORF+_3033660	3033660	3033710	+	3	51	GTG	TGA	0	0	
mORF+_3033759	3033759	3033908	+	3	150	TTG	TGA	0	0	
mORF+_3033880	3033880	3034017	+	1	138	GTG	TAA	0	0	
mORF+_3034098	3034098	3034226	+	3	129	GTG	TAG	0	0	
mORF+_3034144	3034144	3034272	+	1	129	GTG	TGA	0	0	
mORF+_3034273	3034273	3034311	+	1	39	ATG	TGA	0	0	
mORF+_3034321	3034321	3034329	+	1	9	TTG	TAG	0	0	
mORF+_3034335	3034335	3034343	+	3	9	ATG	TGA	0	0	
mORF+_3034340	3034340	3034420	+	2	81	GTG	TGA	0	0	
mORF+_3034389	3034389	3034715	+	3	327	ATG	TAA	0	0	
mORF+_3034411	3034411	3034470	+	1	60	TTG	TAA	0	0	
mORF+_3034544	3034544	3034771	+	2	228	GTG	TAA	0	0	
mORF+_3034693	3034693	3034794	+	1	102	ATG	TGA	0	0	
mORF+_3034740	3034740	3034748	+	3	9	TTG	TAG	0	0	
mORF+_3034788	3034788	3034886	+	3	99	TTG	TAA	0	0	
mORF+_3034801	3034801	3034845	+	1	45	TTG	TGA	0	0	
mORF+_3034864	3034864	3034875	+	1	12	ATG	TAG	0	0	
mORF+_3034877	3034877	3034975	+	2	99	GTG	TAA	0	0	
mORF+_3034879	3034879	3034920	+	1	42	GTG	TGA	0	0	
mORF+_3034908	3034908	3035069	+	3	162	ATG	TAG	0	0	
mORF+_3034921	3034921	3034986	+	1	66	ATG	TGA	0	0	
mORF+_3034996	3034996	3035031	+	1	36	TTG	TGA	0	0	
mORF+_3035051	3035051	3035257	+	2	207	TTG	TGA	0	0	
mORF+_3035071	3035071	3035505	+	1	435	GTG	TGA	0	0	
mORF+_3035118	3035118	3035156	+	3	39	TTG	TAG	0	0	
mORF+_3035261	3035261	3035338	+	2	78	GTG	TAA	0	0	
mORF+_3035301	3035301	3035567	+	3	267	TTG	TGA	0	0	
mORF+_3035474	3035474	3035599	+	2	126	TTG	TAG	0	0	
mORF+_3035518	3035518	3035541	+	1	24	GTG	TAA	0	0	
mORF+_3035605	3035605	3035649	+	1	45	ATG	TGA	0	0	
mORF+_3035627	3035627	3035656	+	2	30	ATG	TAA	0	0	
mORF+_3035643	3035643	3035735	+	3	93	ATG	TAA	0	0	
mORF+_3035668	3035668	3035760	+	1	93	ATG	TGA	0	0	
mORF+_3035751	3035751	3035780	+	3	30	ATG	TAA	0	0	
mORF+_3035804	3035804	3035908	+	2	105	TTG	TAA	0	0	
mORF+_3035824	3035824	3035937	+	1	114	TTG	TAA	0	0	
mORF+_3035970	3035970	3036044	+	3	75	TTG	TAA	0	0	
mORF+_3036111	3036111	3036200	+	3	90	TTG	TAA	0	0	

mORF+_3036155	3036155	3036583	+	2	429	TTG	TAA	0	0	
mORF+_3036211	3036211	3036249	+	1	39	GTG	TAA	0	0	
mORF+_3036213	3036213	3036275	+	3	63	GTG	TAA	0	0	
mORF+_3036268	3036268	3036372	+	1	105	GTG	TAG	0	0	
mORF+_3036345	3036345	3036428	+	3	84	TTG	TAA	0	0	
mORF+_3036435	3036435	3036455	+	3	21	GTG	TAG	0	0	
mORF+_3036477	3036477	3036488	+	3	12	TTG	TAA	0	0	
mORF+_3036513	3036513	3036545	+	3	33	GTG	TAA	0	0	
mORF+_3036594	3036594	3036644	+	3	51	TTG	TGA	0	0	
mORF+_3036634	3036634	3036648	+	1	15	TTG	TGA	0	0	
mORF+_3036645	3036645	3036728	+	3	84	ATG	TGA	0	0	
mORF+_3036650	3036650	3036760	+	2	111	ATG	TAA	0	0	
mORF+_3036741	3036741	3036770	+	3	30	TTG	TGA	0	0	
mORF+_3036764	3036764	3036802	+	2	39	TTG	TGA	0	0	
mORF+_3036772	3036772	3036822	+	1	51	TTG	TAA	0	0	
mORF+_3036881	3036881	3036967	+	2	87	GTG	TAG	0	0	
mORF+_3036939	3036939	3036998	+	3	60	GTG	TGA	0	0	
mORF+_3036995	3036995	3037003	+	2	9	ATG	TAA	0	0	
mORF+_3037007	3037007	3037042	+	2	36	ATG	TGA	0	0	
mORF+_3037011	3037011	3037025	+	3	15	GTG	TGA	0	0	
mORF+_3037039	3037039	3037086	+	1	48	GTG	TAA	0	0	
mORF+_3037079	3037079	3037153	+	2	75	ATG	TGA	0	0	
mORF+_3037150	3037150	3037260	+	1	111	TTG	TGA	0	0	
mORF+_3037181	3037181	3037225	+	2	45	ATG	TAA	0	0	
mORF+_3037242	3037242	3037277	+	3	36	TTG	TGA	0	0	
mORF+_3037297	3037297	3037335	+	1	39	TTG	TAG	0	0	
mORF+_3037353	3037353	3037382	+	3	30	ATG	TGA	0	0	
mORF+_3037375	3037375	3037821	+	1	447	GTG	TAA	0	0	
mORF+_3037469	3037469	3037552	+	2	84	ATG	TGA	0	0	
mORF+_3037557	3037557	3037643	+	3	87	GTG	TGA	0	0	
mORF+_3037613	3037613	3037666	+	2	54	TTG	TGA	0	0	
mORF+_3037743	3037743	3037817	+	3	75	ATG	TGA	0	0	
mORF+_3037766	3037766	3037792	+	2	27	TTG	TGA	0	0	
mORF+_3037799	3037799	3037840	+	2	42	ATG	TAG	0	0	
mORF+_3037877	3037877	3038398	+	2	522	ATG	TGA	8	32	pORF+_3037877
mORF+_3038016	3038016	3038102	+	3	87	ATG	TGA	0	0	
mORF+_3038106	3038106	3038216	+	3	111	TTG	TGA	0	0	
mORF+_3038161	3038161	3038193	+	1	33	GTG	TGA	0	0	
mORF+_3038247	3038247	3038273	+	3	27	ATG	TGA	0	0	
mORF+_3038274	3038274	3038735	+	3	462	TTG	TAA	0	0	
mORF+_3038356	3038356	3038415	+	1	60	GTG	TAG	0	0	
mORF+_3038426	3038426	3038476	+	2	51	TTG	TAA	0	0	
mORF+_3038522	3038522	3038551	+	2	30	ATG	TAA	0	0	
mORF+_3038584	3038584	3038592	+	1	9	GTG	TGA	0	0	
mORF+_3038612	3038612	3038713	+	2	102	TTG	TAA	0	0	
mORF+_3038740	3038740	3038754	+	1	15	GTG	TGA	0	0	
mORF+_3038751	3038751	3038783	+	3	33	ATG	TGA	0	0	
mORF+_3038780	3038780	3038869	+	2	90	ATG	TGA	0	0	
mORF+_3038803	3038803	3038913	+	1	111	GTG	TGA	0	0	
mORF+_3038910	3038910	3038990	+	3	81	GTG	TAA	0	0	
mORF+_3038968	3038968	3039066	+	1	99	ATG	TGA	0	0	
mORF+_3039003	3039003	3039026	+	3	24	ATG	TGA	0	0	
mORF+_3039023	3039023	3039085	+	2	63	TTG	TAA	0	0	
mORF+_3039063	3039063	3039134	+	3	72	ATG	TAA	0	0	
mORF+_3039067	3039067	3039258	+	1	192	ATG	TAG	0	0	
mORF+_3039209	3039209	3039283	+	2	75	ATG	TAG	0	0	
mORF+_3039258	3039258	3039305	+	3	48	GTG	TAA	0	0	
mORF+_3039268	3039268	3039408	+	1	141	TTG	TGA	0	0	
mORF+_3039335	3039335	3040315	+	2	981	ATG	TAA	62	616	pORF+_3039335
mORF+_3039405	3039405	3039470	+	3	66	TTG	TGA	0	0	
mORF+_3039477	3039477	3039620	+	3	144	ATG	TGA	0	0	
mORF+_3039520	3039520	3039537	+	1	18	TTG	TAA	0	0	
mORF+_3039541	3039541	3039591	+	1	51	GTG	TGA	0	0	

mORF_+_3039636	3039636	3039656	+	3	21	ATG	TGA	0	0	
mORF_+_3039678	3039678	3039764	+	3	87	GTG	TAG	0	0	
mORF_+_3039790	3039790	3039798	+	1	9	ATG	TGA	0	0	
mORF_+_3039795	3039795	3039821	+	3	27	TTG	TGA	0	0	
mORF_+_3039831	3039831	3039854	+	3	24	ATG	TGA	0	0	
mORF_+_3039870	3039870	3039884	+	3	15	GTG	TGA	0	0	
mORF_+_3039898	3039898	3039918	+	1	21	GTG	TGA	0	0	
mORF_+_3039915	3039915	3039935	+	3	21	TTG	TGA	0	0	
mORF_+_3039936	3039936	3040130	+	3	195	TTG	TAG	0	0	
mORF_+_3040194	3040194	3040223	+	3	30	ATG	TGA	0	0	
mORF_+_3040266	3040266	3040385	+	3	120	ATG	TGA	0	0	
mORF_+_3040348	3040348	3040467	+	1	120	ATG	TGA	0	0	
mORF_+_3040382	3040382	3040417	+	2	36	TTG	TAG	0	0	
mORF_+_3040452	3040452	3040535	+	3	84	GTG	TAG	0	0	
mORF_+_3040460	3040460	3040663	+	2	204	ATG	TAA	0	0	
mORF_+_3040584	3040584	3040619	+	3	36	ATG	TAG	0	0	
mORF_+_3040597	3040597	3040668	+	1	72	ATG	TAA	0	0	
mORF_+_3040758	3040758	3040877	+	3	120	TTG	TAG	0	0	
mORF_+_3040766	3040766	3040840	+	2	75	GTG	TAA	0	0	
mORF_+_3040801	3040801	3040818	+	1	18	ATG	TAA	0	0	
mORF_+_3040907	3040907	3041062	+	2	156	ATG	TAG	0	0	
mORF_+_3040933	3040933	3041040	+	1	108	TTG	TAA	0	0	
mORF_+_3040950	3040950	3040958	+	3	9	ATG	TGA	0	0	
mORF_+_3041025	3041025	3041054	+	3	30	GTG	TGA	0	0	
mORF_+_3041097	3041097	3041105	+	3	9	ATG	TGA	0	0	
mORF_+_3041102	3041102	3041137	+	2	36	GTG	TGA	0	0	
mORF_+_3041115	3041115	3041165	+	3	51	TTG	TGA	0	0	
mORF_+_3041134	3041134	3041151	+	1	18	GTG	TAA	0	0	
mORF_+_3041199	3041199	3041219	+	3	21	ATG	TAA	0	0	
mORF_+_3041235	3041235	3041249	+	3	15	GTG	TAG	0	0	
mORF_+_3041267	3041267	3041284	+	2	18	TTG	TAA	0	0	
mORF_+_3041290	3041290	3041337	+	1	48	ATG	TAA	0	0	
mORF_+_3041300	3041300	3041317	+	2	18	ATG	TAA	0	0	
mORF_+_3041364	3041364	3041471	+	3	108	TTG	TGA	0	0	
mORF_+_3041366	3041366	3041395	+	2	30	GTG	TGA	0	0	
mORF_+_3041383	3041383	3041502	+	1	120	ATG	TAA	0	0	
mORF_+_3041468	3041468	3041482	+	2	15	TTG	TGA	0	0	
mORF_+_3041545	3041545	3041619	+	1	75	TTG	TGA	0	0	
mORF_+_3041550	3041550	3041669	+	3	120	GTG	TGA	0	0	
mORF_+_3041626	3041626	3041796	+	1	171	GTG	TGA	0	0	
mORF_+_3041636	3041636	3041662	+	2	27	TTG	TAA	0	0	
mORF_+_3041666	3041666	3043123	+	2	1458	TTG	TAA	39	79	pORF_+_3041666
mORF_+_3041736	3041736	3041804	+	3	69	TTG	TGA	0	0	
mORF_+_3041808	3041808	3042017	+	3	210	GTG	TGA	0	0	
mORF_+_3041941	3041941	3041991	+	1	51	ATG	TGA	0	0	
mORF_+_3042027	3042027	3042050	+	3	24	ATG	TGA	0	0	
mORF_+_3042087	3042087	3042212	+	3	126	TTG	TGA	0	0	
mORF_+_3042246	3042246	3042362	+	3	117	GTG	TGA	0	0	
mORF_+_3042450	3042450	3042455	+	3	6	ATG	TGA	0	0	
mORF_+_3042498	3042498	3042536	+	3	39	ATG	TGA	0	0	
mORF_+_3042541	3042541	3042561	+	1	21	GTG	TAA	0	0	
mORF_+_3042588	3042588	3042638	+	3	51	ATG	TGA	0	0	
mORF_+_3042642	3042642	3042650	+	3	9	ATG	TGA	0	0	
mORF_+_3042672	3042672	3042752	+	3	81	ATG	TAG	0	0	
mORF_+_3042762	3042762	3042908	+	3	147	ATG	TGA	0	0	
mORF_+_3042769	3042769	3042783	+	1	15	TTG	TGA	0	0	
mORF_+_3042927	3042927	3042941	+	3	15	ATG	TGA	0	0	
mORF_+_3042955	3042955	3043029	+	1	75	GTG	TAA	0	0	
mORF_+_3043020	3043020	3043025	+	3	6	ATG	TGA	0	0	
mORF_+_3043032	3043032	3043097	+	3	66	ATG	TGA	0	0	
mORF_+_3043098	3043098	3043205	+	3	108	TTG	TAA	0	0	
mORF_+_3043214	3043214	3043222	+	2	9	GTG	TAA	0	0	
mORF_+_3043250	3043250	3043357	+	2	108	ATG	TAA	0	0	

mORF_+_3043342	3043342	3043416	+	1	75	GTG	TAG	0	0
mORF_+_3043421	3043421	3043459	+	2	39	GTG	TAA	0	0
mORF_+_3043449	3043449	3043511	+	3	63	ATG	TGA	0	0
mORF_+_3043508	3043508	3043702	+	2	195	TTG	TGA	0	0
mORF_+_3043696	3043696	3043791	+	1	96	GTG	TAA	0	0
mORF_+_3043707	3043707	3043715	+	3	9	TTG	TAA	0	0
mORF_+_3043764	3043764	3043835	+	3	72	ATG	TAA	0	0
mORF_+_3043769	3043769	3043828	+	2	60	TTG	TGA	0	0
mORF_+_3043813	3043813	3043869	+	1	57	GTG	TAA	0	0
mORF_+_3043869	3043869	3043919	+	3	51	ATG	TAG	0	0
mORF_+_3043886	3043886	3043945	+	2	60	ATG	TAA	0	0
mORF_+_3043924	3043924	3043953	+	1	30	TTG	TGA	0	0
mORF_+_3043950	3043950	3043964	+	3	15	TTG	TGA	0	0
mORF_+_3043961	3043961	3044086	+	2	126	TTG	TAA	0	0
mORF_+_3043993	3043993	3044169	+	1	177	ATG	TAG	0	0
mORF_+_3044061	3044061	3044147	+	3	87	GTG	TAA	0	0
mORF_+_3044126	3044126	3044143	+	2	18	TTG	TGA	0	0
mORF_+_3044185	3044185	3044244	+	1	60	GTG	TAA	0	0
mORF_+_3044278	3044278	3044355	+	1	78	TTG	TGA	0	0
mORF_+_3044325	3044325	3044828	+	3	504	ATG	TAA	0	0
mORF_+_3044356	3044356	3044547	+	1	192	ATG	TAG	0	0
mORF_+_3044560	3044560	3044694	+	1	135	TTG	TAG	0	0
mORF_+_3044695	3044695	3044820	+	1	126	TTG	TGA	0	0
mORF_+_3044708	3044708	3044770	+	2	63	TTG	TGA	0	0
mORF_+_3044771	3044771	3044782	+	2	12	TTG	TAG	0	0
mORF_+_3044798	3044798	3044953	+	2	156	GTG	TAA	0	0
mORF_+_3044830	3044830	3044856	+	1	27	ATG	TGA	0	0
mORF_+_3044841	3044841	3044948	+	3	108	TTG	TAG	0	0
mORF_+_3044929	3044929	3045030	+	1	102	ATG	TAA	0	0
mORF_+_3044955	3044955	3044960	+	3	6	GTG	TGA	0	0
mORF_+_3044957	3044957	3044977	+	2	21	GTG	TAA	0	0
mORF_+_3045048	3045048	3046178	+	3	1131	ATG	TGA	0	0
mORF_+_3045115	3045115	3045306	+	1	192	ATG	TGA	0	0
mORF_+_3045227	3045227	3045244	+	2	18	GTG	TAG	0	0
mORF_+_3045344	3045344	3045490	+	2	147	GTG	TGA	0	0
mORF_+_3045487	3045487	3045555	+	1	69	GTG	TGA	0	0
mORF_+_3045491	3045491	3045628	+	2	138	TTG	TAA	0	0
mORF_+_3045640	3045640	3045693	+	1	54	GTG	TGA	0	0
mORF_+_3045703	3045703	3045906	+	1	204	TTG	TAG	0	0
mORF_+_3045782	3045782	3045799	+	2	18	TTG	TGA	0	0
mORF_+_3045973	3045973	3046011	+	1	39	ATG	TGA	0	0
mORF_+_3046033	3046033	3046230	+	1	198	ATG	TAG	0	0
mORF_+_3046037	3046037	3046162	+	2	126	TTG	TAA	0	0
mORF_+_3046175	3046175	3046318	+	2	144	TTG	TAA	0	0
mORF_+_3046215	3046215	3046301	+	3	87	GTG	TAA	0	0
mORF_+_3046345	3046345	3046380	+	1	36	TTG	TAG	0	0
mORF_+_3046349	3046349	3046366	+	2	18	GTG	TAA	0	0
mORF_+_3046383	3046383	3046415	+	3	33	GTG	TAA	0	0
mORF_+_3046399	3046399	3046437	+	1	39	GTG	TGA	0	0
mORF_+_3046437	3046437	3046784	+	3	348	ATG	TAG	0	0
mORF_+_3046552	3046552	3046719	+	1	168	TTG	TGA	0	0
mORF_+_3046592	3046592	3046681	+	2	90	TTG	TGA	0	0
mORF_+_3046685	3046685	3046774	+	2	90	GTG	TAA	0	0
mORF_+_3046726	3046726	3046800	+	1	75	GTG	TAA	0	0
mORF_+_3046804	3046804	3046815	+	1	12	ATG	TAA	0	0
mORF_+_3046819	3046819	3046914	+	1	96	GTG	TGA	0	0
mORF_+_3046862	3046862	3047023	+	2	162	GTG	TAA	0	0
mORF_+_3046911	3046911	3046952	+	3	42	TTG	TAA	0	0
mORF_+_3046956	3046956	3047051	+	3	96	TTG	TAA	0	0
mORF_+_3047057	3047057	3047065	+	2	9	GTG	TGA	0	0
mORF_+_3047062	3047062	3047079	+	1	18	ATG	TGA	0	0
mORF_+_3047069	3047069	3047098	+	2	30	ATG	TGA	0	0
mORF_+_3047083	3047083	3047091	+	1	9	GTG	TGA	0	0

mORF_+_3047088	3047088	3047123	+	3	36	GTG	TGA	0	0
mORF_+_3047095	3047095	3047136	+	1	42	GTG	TAA	0	0
mORF_+_3047120	3047120	3047152	+	2	33	GTG	TGA	0	0
mORF_+_3047199	3047199	3047258	+	3	60	ATG	TGA	0	0
mORF_+_3047255	3047255	3047362	+	2	108	TTG	TAA	0	0
mORF_+_3047319	3047319	3047417	+	3	99	GTG	TAA	0	0
mORF_+_3047363	3047363	3047473	+	2	111	ATG	TGA	0	0
mORF_+_3047421	3047421	3047486	+	3	66	TTG	TAA	0	0
mORF_+_3047476	3047476	3047724	+	1	249	ATG	TAA	0	0
mORF_+_3047495	3047495	3047500	+	2	6	GTG	TAA	0	0
mORF_+_3047501	3047501	3047593	+	2	93	GTG	TAA	0	0
mORF_+_3047633	3047633	3047644	+	2	12	TTG	TAA	0	0
mORF_+_3047667	3047667	3047951	+	3	285	TTG	TAA	0	0
mORF_+_3047752	3047752	3047979	+	1	228	GTG	TGA	0	0
mORF_+_3047992	3047992	3048108	+	1	117	ATG	TAG	0	0
mORF_+_3048035	3048035	3048043	+	2	9	ATG	TAA	0	0
mORF_+_3048130	3048130	3048195	+	1	66	GTG	TGA	0	0
mORF_+_3048215	3048215	3048283	+	2	69	GTG	TAA	0	0
mORF_+_3048217	3048217	3048384	+	1	168	GTG	TAG	0	0
mORF_+_3048246	3048246	3048542	+	3	297	TTG	TGA	0	0
mORF_+_3048391	3048391	3048438	+	1	48	ATG	TAA	0	0
mORF_+_3048445	3048445	3048489	+	1	45	TTG	TAA	0	0
mORF_+_3048505	3048505	3048579	+	1	75	GTG	TGA	0	0
mORF_+_3048539	3048539	3048703	+	2	165	GTG	TGA	0	0
mORF_+_3048576	3048576	3048707	+	3	132	ATG	TAA	0	0
mORF_+_3048637	3048637	3048717	+	1	81	ATG	TGA	0	0
mORF_+_3048728	3048728	3048868	+	2	141	ATG	TAA	0	0
mORF_+_3048796	3048796	3048828	+	1	33	TTG	TAA	0	0
mORF_+_3048861	3048861	3048953	+	3	93	ATG	TGA	0	0
mORF_+_3048872	3048872	3048931	+	2	60	ATG	TGA	0	0
mORF_+_3048928	3048928	3048936	+	1	9	ATG	TGA	0	0
mORF_+_3048950	3048950	3049063	+	2	114	TTG	TGA	0	0
mORF_+_3049008	3049008	3049043	+	3	36	ATG	TGA	0	0
mORF_+_3049060	3049060	3049104	+	1	45	ATG	TGA	0	0
mORF_+_3049101	3049101	3049118	+	3	18	GTG	TAA	0	0
mORF_+_3049172	3049172	3049186	+	2	15	TTG	TAA	0	0
mORF_+_3049188	3049188	3049565	+	3	378	TTG	TAA	0	0
mORF_+_3049210	3049210	3049338	+	1	129	GTG	TAG	0	0
mORF_+_3049351	3049351	3049377	+	1	27	ATG	TGA	0	0
mORF_+_3049459	3049459	3049518	+	1	60	ATG	TAA	0	0
mORF_+_3049466	3049466	3049606	+	2	141	GTG	TAA	0	0
mORF_+_3049558	3049558	3049785	+	1	228	TTG	TGA	0	0
mORF_+_3049619	3049619	3049690	+	2	72	TTG	TAA	0	0
mORF_+_3049677	3049677	3049697	+	3	21	ATG	TAA	0	0
mORF_+_3049719	3049719	3049877	+	3	159	ATG	TAA	0	0
mORF_+_3049822	3049822	3049974	+	1	153	TTG	TGA	0	0
mORF_+_3049974	3049974	3050009	+	3	36	ATG	TGA	0	0
mORF_+_3049981	3049981	3049998	+	1	18	TTG	TAG	0	0
mORF_+_3050022	3050022	3050162	+	3	141	ATG	TAA	0	0
mORF_+_3050044	3050044	3050052	+	1	9	ATG	TGA	0	0
mORF_+_3050065	3050065	3050070	+	1	6	ATG	TGA	0	0
mORF_+_3050083	3050083	3050106	+	1	24	TTG	TGA	0	0
mORF_+_3050131	3050131	3050421	+	1	291	ATG	TAA	0	0
mORF_+_3050199	3050199	3050261	+	3	63	TTG	TAA	0	0
mORF_+_3050201	3050201	3050353	+	2	153	GTG	TAA	0	0
mORF_+_3050334	3050334	3050417	+	3	84	TTG	TGA	0	0
mORF_+_3050384	3050384	3050545	+	2	162	GTG	TGA	0	0
mORF_+_3050463	3050463	3050504	+	3	42	GTG	TGA	0	0
mORF_+_3050485	3050485	3050733	+	1	249	ATG	TAA	0	0
mORF_+_3050514	3050514	3050645	+	3	132	TTG	TAA	0	0
mORF_+_3050573	3050573	3050599	+	2	27	ATG	TGA	0	0
mORF_+_3050684	3050684	3050746	+	2	63	TTG	TAA	0	0
mORF_+_3050764	3050764	3051039	+	1	276	GTG	TAA	0	0

mORF+_3050859	3050859	3050930	+	3	72	GTG	TAA	0	0	
mORF+_3050975	3050975	3051001	+	2	27	TTG	TAA	0	0	
mORF+_3051032	3051032	3051118	+	2	87	GTG	TGA	0	0	
mORF+_3051046	3051046	3051426	+	1	381	ATG	TGA	0	0	
mORF+_3051174	3051174	3051272	+	3	99	GTG	TGA	0	0	
mORF+_3051212	3051212	3051253	+	2	42	TTG	TAA	0	0	
mORF+_3051269	3051269	3051286	+	2	18	GTG	TGA	0	0	
mORF+_3051308	3051308	3051370	+	2	63	GTG	TGA	0	0	
mORF+_3051321	3051321	3051488	+	3	168	TTG	TAG	0	0	
mORF+_3051451	3051451	3051477	+	1	27	ATG	TAA	0	0	
mORF+_3051512	3051512	3051604	+	2	93	ATG	TGA	0	0	
mORF+_3051540	3051540	3051794	+	3	255	TTG	TAA	0	0	
mORF+_3051601	3051601	3051759	+	1	159	GTG	TGA	0	0	
mORF+_3051798	3051798	3052502	+	3	705	GTG	TAG	0	0	
mORF+_3051871	3051871	3051993	+	1	123	ATG	TAG	0	0	
mORF+_3052012	3052012	3052059	+	1	48	GTG	TAA	0	0	
mORF+_3052063	3052063	3052131	+	1	69	TTG	TAG	0	0	
mORF+_3052138	3052138	3052176	+	1	39	ATG	TAG	0	0	
mORF+_3052271	3052271	3052291	+	2	21	GTG	TGA	0	0	
mORF+_3052282	3052282	3052353	+	1	72	ATG	TGA	0	0	
mORF+_3052379	3052379	3052393	+	2	15	TTG	TGA	0	0	
mORF+_3052390	3052390	3052479	+	1	90	GTG	TAA	0	0	
mORF+_3052454	3052454	3052498	+	2	45	ATG	TAA	0	0	
mORF+_3052503	3052503	3052583	+	3	81	TTG	TAA	0	0	
mORF+_3052519	3052519	3052650	+	1	132	TTG	TGA	0	0	
mORF+_3052532	3052532	3052630	+	2	99	ATG	TAA	0	0	
mORF+_3052641	3052641	3052940	+	3	300	GTG	TAA	0	0	
mORF+_3052651	3052651	3052728	+	1	78	GTG	TGA	0	0	
mORF+_3052757	3052757	3052864	+	2	108	GTG	TAA	0	0	
mORF+_3052882	3052882	3052896	+	1	15	TTG	TAG	0	0	
mORF+_3052906	3052906	3052956	+	1	51	TTG	TAA	0	0	
mORF+_3052943	3052943	3053017	+	2	75	GTG	TGA	0	0	
mORF+_3053041	3053041	3053322	+	1	282	TTG	TAG	0	0	
mORF+_3053048	3053048	3053137	+	2	90	ATG	TGA	0	0	
mORF+_3053138	3053138	3053203	+	2	66	TTG	TAA	0	0	
mORF+_3053154	3053154	3053180	+	3	27	ATG	TGA	0	0	
mORF+_3053243	3053243	3053284	+	2	42	GTG	TGA	0	0	
mORF+_3053265	3053265	3053369	+	3	105	GTG	TGA	0	0	
mORF+_3053294	3053294	3053317	+	2	24	ATG	TGA	0	0	
mORF+_3053377	3053377	3053685	+	1	309	ATG	TGA	0	0	
mORF+_3053435	3053435	3053440	+	2	6	TTG	TAA	0	0	
mORF+_3053502	3053502	3053561	+	3	60	ATG	TAG	0	0	
mORF+_3053513	3053513	3053596	+	2	84	TTG	TAA	0	0	
mORF+_3053634	3053634	3053963	+	3	330	ATG	TGA	17	124	pORF+_3053634
mORF+_3053707	3053707	3053715	+	1	9	ATG	TGA	0	0	
mORF+_3053800	3053800	3053811	+	1	12	TTG	TGA	0	0	
mORF+_3053821	3053821	3053829	+	1	9	ATG	TAG	0	0	
mORF+_3053851	3053851	3053904	+	1	54	GTG	TAG	0	0	
mORF+_3053917	3053917	3053991	+	1	75	TTG	TAA	0	0	
mORF+_3053960	3053960	3053986	+	2	27	ATG	TAG	0	0	
mORF+_3053994	3053994	3054014	+	3	21	GTG	TGA	0	0	
mORF+_3054016	3054016	3054042	+	1	27	ATG	TGA	0	0	
mORF+_3054065	3054065	3054811	+	2	747	ATG	TAA	0	0	
mORF+_3054067	3054067	3054087	+	1	21	GTG	TGA	0	0	
mORF+_3054081	3054081	3054116	+	3	36	TTG	TAA	0	0	
mORF+_3054138	3054138	3054212	+	3	75	TTG	TGA	0	0	
mORF+_3054282	3054282	3054290	+	3	9	GTG	TAA	0	0	
mORF+_3054390	3054390	3054422	+	3	33	TTG	TAG	0	0	
mORF+_3054477	3054477	3054500	+	3	24	GTG	TGA	0	0	
mORF+_3054546	3054546	3054593	+	3	48	ATG	TAG	0	0	
mORF+_3054621	3054621	3054836	+	3	216	TTG	TGA	0	0	
mORF+_3054724	3054724	3054753	+	1	30	TTG	TGA	0	0	
mORF+_3054757	3054757	3054840	+	1	84	GTG	TGA	0	0	

mORF+_3054837	3054837	3054857	+	3	21	TTG	TGA	0	0	
mORF+_3054854	3054854	3054862	+	2	9	TTG	TAA	0	0	
mORF+_3054867	3054867	3054902	+	3	36	GTG	TGA	0	0	
mORF+_3054931	3054931	3055044	+	1	114	ATG	TAA	0	0	
mORF+_3055025	3055025	3055078	+	2	54	ATG	TGA	0	0	
mORF+_3055081	3055081	3055170	+	1	90	TTG	TGA	0	0	
mORF+_3055116	3055116	3055382	+	3	267	ATG	TAG	0	0	
mORF+_3055136	3055136	3055150	+	2	15	GTG	TAA	0	0	
mORF+_3055222	3055222	3055302	+	1	81	ATG	TAA	0	0	
mORF+_3055244	3055244	3055294	+	2	51	TTG	TAA	0	0	
mORF+_3055339	3055339	3055542	+	1	204	ATG	TGA	0	0	
mORF+_3055401	3055401	3055475	+	3	75	GTG	TGA	0	0	
mORF+_3055433	3055433	3055495	+	2	63	GTG	TGA	0	0	
mORF+_3055555	3055555	3055857	+	1	303	ATG	TGA	0	0	
mORF+_3055557	3055557	3055751	+	3	195	GTG	TAG	0	0	
mORF+_3055559	3055559	3055603	+	2	45	GTG	TAA	0	0	
mORF+_3055604	3055604	3055726	+	2	123	ATG	TAA	0	0	
mORF+_3055751	3055751	3055966	+	2	216	GTG	TGA	0	0	
mORF+_3055803	3055803	3056066	+	3	264	ATG	TAG	0	0	
mORF+_3055858	3055858	3055896	+	1	39	GTG	TAA	0	0	
mORF+_3055930	3055930	3055953	+	1	24	ATG	TGA	0	0	
mORF+_3055963	3055963	3056322	+	1	360	ATG	TGA	0	0	
mORF+_3056111	3056111	3056128	+	2	18	TTG	TAA	0	0	
mORF+_3056147	3056147	3056200	+	2	54	TTG	TAG	0	0	
mORF+_3056241	3056241	3056294	+	3	54	ATG	TAA	0	0	
mORF+_3056295	3056295	3056453	+	3	159	TTG	TGA	0	0	
mORF+_3056329	3056329	3056340	+	1	12	ATG	TAA	0	0	
mORF+_3056404	3056404	3056517	+	1	114	TTG	TGA	0	0	
mORF+_3056426	3056426	3056584	+	2	159	TTG	TAG	0	0	
mORF+_3056460	3056460	3056501	+	3	42	GTG	TAA	0	0	
mORF+_3056514	3056514	3056570	+	3	57	ATG	TGA	0	0	
mORF+_3056563	3056563	3056628	+	1	66	TTG	TGA	0	0	
mORF+_3056610	3056610	3057191	+	3	582	TTG	TGA	0	0	
mORF+_3056632	3056632	3056877	+	1	246	ATG	TGA	0	0	
mORF+_3056717	3056717	3056752	+	2	36	GTG	TAG	0	0	
mORF+_3056930	3056930	3056944	+	2	15	GTG	TAA	0	0	
mORF+_3056986	3056986	3057114	+	1	129	TTG	TAG	0	0	
mORF+_3057115	3057115	3057153	+	1	39	ATG	TGA	0	0	
mORF+_3057154	3057154	3057294	+	1	141	ATG	TGA	0	0	
mORF+_3057224	3057224	3057244	+	2	21	TTG	TAA	0	0	
mORF+_3057246	3057246	3057443	+	3	198	GTG	TAA	0	0	
mORF+_3057248	3057248	3057349	+	2	102	GTG	TGA	0	0	
mORF+_3057346	3057346	3057369	+	1	24	ATG	TGA	0	0	
mORF+_3057413	3057413	3057574	+	2	162	TTG	TGA	0	0	
mORF+_3057519	3057519	3057719	+	3	201	GTG	TGA	0	0	
mORF+_3057571	3057571	3057582	+	1	12	TTG	TAA	0	0	
mORF+_3057628	3057628	3057636	+	1	9	ATG	TAG	0	0	
mORF+_3057683	3057683	3057778	+	2	96	ATG	TGA	0	0	
mORF+_3057709	3057709	3058668	+	1	960	ATG	TAA	15	56	pORF+_3057709
mORF+_3057729	3057729	3057737	+	3	9	GTG	TAG	0	0	
mORF+_3057812	3057812	3057820	+	2	9	ATG	TGA	0	0	
mORF+_3057824	3057824	3058150	+	2	327	GTG	TAG	0	0	
mORF+_3057858	3057858	3057893	+	3	36	GTG	TAA	0	0	
mORF+_3058011	3058011	3058025	+	3	15	GTG	TGA	0	0	
mORF+_3058086	3058086	3058121	+	3	36	GTG	TGA	0	0	
mORF+_3058154	3058154	3058207	+	2	54	ATG	TGA	0	0	
mORF+_3058233	3058233	3058247	+	3	15	TTG	TAA	0	0	
mORF+_3058238	3058238	3058318	+	2	81	TTG	TAA	0	0	
mORF+_3058355	3058355	3058492	+	2	138	TTG	TGA	0	0	
mORF+_3058529	3058529	3058537	+	2	9	GTG	TGA	0	0	
mORF+_3058538	3058538	3058546	+	2	9	TTG	TAA	0	0	
mORF+_3058589	3058589	3058609	+	2	21	TTG	TGA	0	0	
mORF+_3058625	3058625	3058687	+	2	63	ATG	TGA	0	0	

mORF_+_3058680	3058680	3058781	+	3	102	ATG	TGA	0	0	
mORF_+_3058720	3058720	3058749	+	1	30	TTG	TAG	0	0	
mORF_+_3058782	3058782	3058829	+	3	48	ATG	TAG	0	0	
mORF_+_3058793	3058793	3058879	+	2	87	TTG	TAA	0	0	
mORF_+_3058851	3058851	3061016	+	3	2166	TTG	TAA	0	0	
mORF_+_3058889	3058889	3059008	+	2	120	GTG	TAA	0	0	
mORF_+_3058900	3058900	3058917	+	1	18	TTG	TGA	0	0	
mORF_+_3059053	3059053	3059286	+	1	234	GTG	TGA	0	0	
mORF_+_3059087	3059087	3059152	+	2	66	GTG	TAA	0	0	
mORF_+_3059341	3059341	3059415	+	1	75	ATG	TGA	0	0	
mORF_+_3059519	3059519	3059545	+	2	27	GTG	TAA	0	0	
mORF_+_3059575	3059575	3059607	+	1	33	GTG	TAG	0	0	
mORF_+_3059623	3059623	3059664	+	1	42	ATG	TGA	0	0	
mORF_+_3059668	3059668	3059727	+	1	60	TTG	TGA	0	0	
mORF_+_3059743	3059743	3059847	+	1	105	GTG	TGA	0	0	
mORF_+_3059759	3059759	3059851	+	2	93	ATG	TGA	0	0	
mORF_+_3059887	3059887	3060075	+	1	189	TTG	TGA	0	0	
mORF_+_3060130	3060130	3060174	+	1	45	GTG	TGA	0	0	
mORF_+_3060223	3060223	3060297	+	1	75	GTG	TGA	0	0	
mORF_+_3060316	3060316	3060363	+	1	48	TTG	TAA	0	0	
mORF_+_3060430	3060430	3060528	+	1	99	ATG	TGA	0	0	
mORF_+_3060512	3060512	3060553	+	2	42	GTG	TGA	0	0	
mORF_+_3060529	3060529	3060636	+	1	108	TTG	TGA	0	0	
mORF_+_3060655	3060655	3060681	+	1	27	ATG	TGA	0	0	
mORF_+_3060854	3060854	3061012	+	2	159	ATG	TGA	0	0	
mORF_+_3060886	3060886	3060990	+	1	105	GTG	TGA	0	0	
mORF_+_3061009	3061009	3062004	+	1	996	ATG	TAA	1	5	pORF_+_3061009
mORF_+_3061016	3061016	3061087	+	2	72	ATG	TGA	0	0	
mORF_+_3061139	3061139	3061243	+	2	105	TTG	TGA	0	0	
mORF_+_3061271	3061271	3061333	+	2	63	TTG	TGA	0	0	
mORF_+_3061334	3061334	3061423	+	2	90	ATG	TAA	0	0	
mORF_+_3061431	3061431	3061451	+	3	21	ATG	TGA	0	0	
mORF_+_3061448	3061448	3061456	+	2	9	ATG	TAG	0	0	
mORF_+_3061460	3061460	3061579	+	2	120	TTG	TGA	0	0	
mORF_+_3061616	3061616	3061717	+	2	102	ATG	TGA	0	0	
mORF_+_3061698	3061698	3061724	+	3	27	ATG	TAG	0	0	
mORF_+_3061739	3061739	3061789	+	2	51	GTG	TAA	0	0	
mORF_+_3061796	3061796	3061870	+	2	75	GTG	TGA	0	0	
mORF_+_3061836	3061836	3061847	+	3	12	ATG	TAA	0	0	
mORF_+_3061886	3061886	3061924	+	2	39	ATG	TAG	0	0	
mORF_+_3061973	3061973	3062800	+	2	828	GTG	TAA	0	0	
mORF_+_3062028	3062028	3062099	+	3	72	ATG	TAA	0	0	
mORF_+_3062112	3062112	3062135	+	3	24	TTG	TAA	0	0	
mORF_+_3062184	3062184	3062288	+	3	105	GTG	TGA	0	0	
mORF_+_3062331	3062331	3062357	+	3	27	GTG	TGA	0	0	
mORF_+_3062335	3062335	3062352	+	1	18	TTG	TGA	0	0	
mORF_+_3062481	3062481	3062495	+	3	15	TTG	TGA	0	0	
mORF_+_3062553	3062553	3062627	+	3	75	ATG	TAG	0	0	
mORF_+_3062631	3062631	3062681	+	3	51	TTG	TGA	0	0	
mORF_+_3062688	3062688	3062756	+	3	69	ATG	TGA	0	0	
mORF_+_3062790	3062790	3062858	+	3	69	TTG	TGA	0	0	
mORF_+_3062824	3062824	3064302	+	1	1479	ATG	TAA	0	0	
mORF_+_3062855	3062855	3063004	+	2	150	ATG	TGA	0	0	
mORF_+_3063008	3063008	3063124	+	2	117	GTG	TGA	0	0	
mORF_+_3063131	3063131	3063145	+	2	15	TTG	TGA	0	0	
mORF_+_3063188	3063188	3063244	+	2	57	TTG	TAA	0	0	
mORF_+_3063260	3063260	3063295	+	2	36	ATG	TGA	0	0	
mORF_+_3063299	3063299	3063352	+	2	54	TTG	TGA	0	0	
mORF_+_3063395	3063395	3063628	+	2	234	ATG	TAA	0	0	
mORF_+_3063510	3063510	3063530	+	3	21	GTG	TAA	0	0	
mORF_+_3063800	3063800	3063880	+	2	81	TTG	TGA	0	0	
mORF_+_3063896	3063896	3063931	+	2	36	TTG	TAG	0	0	
mORF_+_3063968	3063968	3064093	+	2	126	GTG	TGA	0	0	

mORF_+_3064053	3064053	3064067	+	3	15	GTG	TGA	0	0
mORF_+_3064160	3064160	3064276	+	2	117	TTG	TAA	0	0
mORF_+_3064167	3064167	3064247	+	3	81	TTG	TAG	0	0
mORF_+_3064277	3064277	3064369	+	2	93	TTG	TGA	0	0
mORF_+_3064302	3064302	3064373	+	3	72	ATG	TGA	0	0
mORF_+_3064345	3064345	3064356	+	1	12	GTG	TAA	0	0
mORF_+_3064370	3064370	3064501	+	2	132	TTG	TGA	0	0
mORF_+_3064404	3064404	3064616	+	3	213	GTG	TAG	0	0
mORF_+_3064504	3064504	3064521	+	1	18	TTG	TAG	0	0
mORF_+_3064534	3064534	3064602	+	1	69	ATG	TGA	0	0
mORF_+_3064538	3064538	3064546	+	2	9	TTG	TGA	0	0
mORF_+_3064577	3064577	3064708	+	2	132	TTG	TGA	0	0
mORF_+_3064641	3064641	3064685	+	3	45	TTG	TAA	0	0
mORF_+_3064736	3064736	3064762	+	2	27	GTG	TAA	0	0
mORF_+_3064746	3064746	3064772	+	3	27	ATG	TAA	0	0
mORF_+_3064880	3064880	3065017	+	2	138	TTG	TGA	0	0
mORF_+_3064900	3064900	3064971	+	1	72	ATG	TGA	0	0
mORF_+_3064938	3064938	3065048	+	3	111	ATG	TAG	0	0
mORF_+_3065014	3065014	3065055	+	1	42	TTG	TAG	0	0
mORF_+_3065061	3065061	3065153	+	3	93	TTG	TAA	0	0
mORF_+_3065080	3065080	3065325	+	1	246	ATG	TAA	0	0
mORF_+_3065093	3065093	3065161	+	2	69	ATG	TGA	0	0
mORF_+_3065213	3065213	3065224	+	2	12	TTG	TAA	0	0
mORF_+_3065270	3065270	3065395	+	2	126	GTG	TGA	0	0
mORF_+_3065365	3065365	3065409	+	1	45	TTG	TAA	0	0
mORF_+_3065367	3065367	3065384	+	3	18	GTG	TAG	0	0
mORF_+_3065511	3065511	3065693	+	3	183	TTG	TAA	0	0
mORF_+_3065528	3065528	3065542	+	2	15	TTG	TAG	0	0
mORF_+_3065536	3065536	3065739	+	1	204	ATG	TAA	0	0
mORF_+_3065636	3065636	3065647	+	2	12	TTG	TAG	0	0
mORF_+_3065732	3065732	3065743	+	2	12	TTG	TGA	0	0
mORF_+_3065750	3065750	3065779	+	2	30	GTG	TAG	0	0
mORF_+_3065825	3065825	3065866	+	2	42	GTG	TGA	0	0
mORF_+_3065867	3065867	3066121	+	2	255	TTG	TAA	0	0
mORF_+_3065890	3065890	3066072	+	1	183	TTG	TAA	0	0
mORF_+_3065892	3065892	3065927	+	3	36	GTG	TAG	0	0
mORF_+_3065994	3065994	3066011	+	3	18	TTG	TGA	0	0
mORF_+_3066072	3066072	3066089	+	3	18	ATG	TAA	0	0
mORF_+_3066115	3066115	3066162	+	1	48	GTG	TAG	0	0
mORF_+_3066122	3066122	3066202	+	2	81	TTG	TGA	0	0
mORF_+_3066210	3066210	3066539	+	3	330	TTG	TAA	0	0
mORF_+_3066212	3066212	3066253	+	2	42	GTG	TAA	0	0
mORF_+_3066280	3066280	3066456	+	1	177	TTG	TAA	0	0
mORF_+_3066293	3066293	3066373	+	2	81	GTG	TAA	0	0
mORF_+_3066374	3066374	3066499	+	2	126	TTG	TAA	0	0
mORF_+_3066487	3066487	3066732	+	1	246	ATG	TGA	0	0
mORF_+_3066557	3066557	3066568	+	2	12	TTG	TAA	0	0
mORF_+_3066723	3066723	3066782	+	3	60	GTG	TAG	0	0
mORF_+_3066739	3066739	3066747	+	1	9	ATG	TGA	0	0
mORF_+_3066767	3066767	3066790	+	2	24	GTG	TAG	0	0
mORF_+_3066800	3066800	3066898	+	2	99	GTG	TGA	0	0
mORF_+_3066810	3066810	3066857	+	3	48	TTG	TGA	0	0
mORF_+_3066832	3066832	3066849	+	1	18	TTG	TAA	0	0
mORF_+_3066879	3066879	3066968	+	3	90	TTG	TGA	0	0
mORF_+_3066895	3066895	3066927	+	1	33	TTG	TAA	0	0
mORF_+_3066908	3066908	3067000	+	2	93	TTG	TAA	0	0
mORF_+_3066979	3066979	3067233	+	1	255	TTG	TGA	0	0
mORF_+_3067014	3067014	3067463	+	3	450	TTG	TAA	0	0
mORF_+_3067139	3067139	3067207	+	2	69	ATG	TAA	0	0
mORF_+_3067366	3067366	3067608	+	1	243	ATG	TAA	0	0
mORF_+_3067487	3067487	3067543	+	2	57	GTG	TGA	0	0
mORF_+_3067554	3067554	3067586	+	3	33	TTG	TAG	0	0
mORF_+_3067574	3067574	3067591	+	2	18	GTG	TAA	0	0

mORF_+_3067616	3067616	3067702	+	2	87	ATG	TAA	0	0	
mORF_+_3067639	3067639	3067752	+	1	114	GTG	TAA	0	0	
mORF_+_3067727	3067727	3067774	+	2	48	GTG	TAG	0	0	
mORF_+_3067801	3067801	3067920	+	1	120	ATG	TAA	0	0	
mORF_+_3067857	3067857	3067913	+	3	57	ATG	TAA	0	0	
mORF_+_3067923	3067923	3068171	+	3	249	TTG	TAA	0	0	
mORF_+_3067960	3067960	3068040	+	1	81	TTG	TGA	0	0	
mORF_+_3068009	3068009	3068443	+	2	435	ATG	TGA	1	3	pORF_+_3068009
mORF_+_3068092	3068092	3068097	+	1	6	GTG	TAG	0	0	
mORF_+_3068290	3068290	3068301	+	1	12	TTG	TGA	0	0	
mORF_+_3068353	3068353	3068358	+	1	6	TTG	TAG	0	0	
mORF_+_3068388	3068388	3069362	+	3	975	TTG	TAA	0	0	
mORF_+_3068404	3068404	3068427	+	1	24	ATG	TAG	0	0	
mORF_+_3068440	3068440	3068451	+	1	12	TTG	TGA	0	0	
mORF_+_3068494	3068494	3068532	+	1	39	TTG	TGA	0	0	
mORF_+_3068545	3068545	3068580	+	1	36	ATG	TAA	0	0	
mORF_+_3068611	3068611	3068655	+	1	45	ATG	TAA	0	0	
mORF_+_3068648	3068648	3068791	+	2	144	ATG	TAG	0	0	
mORF_+_3068674	3068674	3068844	+	1	171	GTG	TGA	0	0	
mORF_+_3068941	3068941	3068967	+	1	27	GTG	TAA	0	0	
mORF_+_3069079	3069079	3069090	+	1	12	TTG	TGA	0	0	
mORF_+_3069136	3069136	3069420	+	1	285	TTG	TGA	0	0	
mORF_+_3069173	3069173	3069229	+	2	57	GTG	TGA	0	0	
mORF_+_3069272	3069272	3069448	+	2	177	TTG	TGA	0	0	
mORF_+_3069417	3069417	3069437	+	3	21	ATG	TAA	0	0	
mORF_+_3069473	3069473	3069574	+	2	102	GTG	TAG	0	0	
mORF_+_3069549	3069549	3069662	+	3	114	ATG	TAG	0	0	
mORF_+_3069581	3069581	3069772	+	2	192	TTG	TGA	0	0	
mORF_+_3069843	3069843	3069920	+	3	78	GTG	TAG	0	0	
mORF_+_3069893	3069893	3070192	+	2	300	ATG	TGA	0	0	
mORF_+_3069964	3069964	3070662	+	1	699	GTG	TGA	0	0	
mORF_+_3069972	3069972	3069983	+	3	12	GTG	TAA	0	0	
mORF_+_3070113	3070113	3070196	+	3	84	GTG	TAG	0	0	
mORF_+_3070224	3070224	3070304	+	3	81	ATG	TGA	0	0	
mORF_+_3070265	3070265	3070363	+	2	99	TTG	TAA	0	0	
mORF_+_3070394	3070394	3070408	+	2	15	TTG	TAG	0	0	
mORF_+_3070439	3070439	3070723	+	2	285	TTG	TAA	0	0	
mORF_+_3070488	3070488	3070595	+	3	108	TTG	TAA	0	0	
mORF_+_3070659	3070659	3070883	+	3	225	TTG	TAG	0	0	
mORF_+_3070687	3070687	3070701	+	1	15	TTG	TGA	0	0	
mORF_+_3070790	3070790	3070975	+	2	186	GTG	TAA	0	0	
mORF_+_3070792	3070792	3070803	+	1	12	GTG	TGA	0	0	
mORF_+_3070900	3070900	3070935	+	1	36	ATG	TGA	0	0	
mORF_+_3070932	3070932	3071153	+	3	222	TTG	TGA	0	0	
mORF_+_3070981	3070981	3071037	+	1	57	TTG	TAA	0	0	
mORF_+_3071039	3071039	3071215	+	2	177	TTG	TAA	0	0	
mORF_+_3071053	3071053	3071058	+	1	6	GTG	TGA	0	0	
mORF_+_3071134	3071134	3071145	+	1	12	ATG	TAA	0	0	
mORF_+_3071160	3071160	3071171	+	3	12	ATG	TGA	0	0	
mORF_+_3071173	3071173	3071223	+	1	51	TTG	TGA	0	0	
mORF_+_3071175	3071175	3071291	+	3	117	GTG	TGA	0	0	
mORF_+_3071273	3071273	3071347	+	2	75	GTG	TGA	0	0	
mORF_+_3071298	3071298	3071309	+	3	12	TTG	TAA	0	0	
mORF_+_3071344	3071344	3071610	+	1	267	GTG	TGA	0	0	
mORF_+_3071361	3071361	3071516	+	3	156	TTG	TGA	1	2	pORF_+_3071361
mORF_+_3071378	3071378	3071470	+	2	93	ATG	TGA	0	0	
mORF_+_3071477	3071477	3071839	+	2	363	ATG	TGA	0	0	
mORF_+_3071559	3071559	3071738	+	3	180	GTG	TGA	0	0	
mORF_+_3071611	3071611	3071625	+	1	15	TTG	TAA	0	0	
mORF_+_3071745	3071745	3071816	+	3	72	TTG	TAA	0	0	
mORF_+_3071809	3071809	3071853	+	1	45	TTG	TAG	0	0	
mORF_+_3071817	3071817	3071831	+	3	15	TTG	TAA	0	0	
mORF_+_3071866	3071866	3071874	+	1	9	GTG	TAA	0	0	

mORF_+_3071880	3071880	3071912	+	3	33	ATG	TGA	0	0
mORF_+_3071884	3071884	3071967	+	1	84	TTG	TAA	0	0
mORF_+_3071937	3071937	3071984	+	3	48	TTG	TAA	0	0
mORF_+_3071939	3071939	3072013	+	2	75	GTG	TGA	0	0
mORF_+_3071995	3071995	3072132	+	1	138	TTG	TAA	0	0
mORF_+_3072003	3072003	3072008	+	3	6	TTG	TGA	0	0
mORF_+_3072047	3072047	3072055	+	2	9	TTG	TGA	0	0
mORF_+_3072083	3072083	3072106	+	2	24	TTG	TAA	0	0
mORF_+_3072108	3072108	3072155	+	3	48	ATG	TAA	0	0
mORF_+_3072175	3072175	3072249	+	1	75	TTG	TAA	0	0
mORF_+_3072183	3072183	3072194	+	3	12	GTG	TAA	0	0
mORF_+_3072216	3072216	3072272	+	3	57	ATG	TGA	0	0
mORF_+_3072269	3072269	3072430	+	2	162	ATG	TGA	0	0
mORF_+_3072276	3072276	3072287	+	3	12	GTG	TAA	0	0
mORF_+_3072289	3072289	3072537	+	1	249	GTG	TAG	0	0
mORF_+_3072396	3072396	3072416	+	3	21	ATG	TGA	0	0
mORF_+_3072449	3072449	3072454	+	2	6	TTG	TAA	0	0
mORF_+_3072530	3072530	3072763	+	2	234	GTG	TGA	0	0
mORF_+_3072540	3072540	3072719	+	3	180	TTG	TAA	0	0
mORF_+_3072622	3072622	3072699	+	1	78	GTG	TAA	0	0
mORF_+_3072730	3072730	3072834	+	1	105	GTG	TAG	0	0
mORF_+_3072844	3072844	3072930	+	1	87	TTG	TAA	0	0
mORF_+_3072930	3072930	3073049	+	3	120	ATG	TAA	0	0
mORF_+_3072952	3072952	3072996	+	1	45	GTG	TAA	0	0
mORF_+_3073007	3073007	3073153	+	2	147	GTG	TAA	0	0
mORF_+_3073132	3073132	3073485	+	1	354	ATG	TAA	0	0
mORF_+_3073137	3073137	3073157	+	3	21	ATG	TGA	0	0
mORF_+_3073154	3073154	3073231	+	2	78	ATG	TAG	0	0
mORF_+_3073182	3073182	3073292	+	3	111	TTG	TAA	0	0
mORF_+_3073292	3073292	3073363	+	2	72	ATG	TAG	0	0
mORF_+_3073323	3073323	3073538	+	3	216	TTG	TAA	0	0
mORF_+_3073433	3073433	3073495	+	2	63	TTG	TAG	0	0
mORF_+_3073538	3073538	3073546	+	2	9	ATG	TAA	0	0
mORF_+_3073585	3073585	3073605	+	1	21	ATG	TAA	0	0
mORF_+_3073682	3073682	3073729	+	2	48	GTG	TAA	0	0
mORF_+_3073732	3073732	3074310	+	1	579	ATG	TAA	0	0
mORF_+_3073866	3073866	3073871	+	3	6	ATG	TAA	0	0
mORF_+_3074022	3074022	3074078	+	3	57	ATG	TAA	0	0
mORF_+_3074078	3074078	3074098	+	2	21	ATG	TGA	0	0
mORF_+_3074139	3074139	3074183	+	3	45	TTG	TAA	0	0
mORF_+_3074183	3074183	3074479	+	2	297	ATG	TAA	0	0
mORF_+_3074271	3074271	3074381	+	3	111	ATG	TAA	0	0
mORF_+_3074382	3074382	3074564	+	3	183	ATG	TAA	0	0
mORF_+_3074524	3074524	3074583	+	1	60	TTG	TAA	0	0
mORF_+_3074549	3074549	3074650	+	2	102	GTG	TAA	0	0
mORF_+_3074571	3074571	3074576	+	3	6	TTG	TAG	0	0
mORF_+_3074592	3074592	3074690	+	3	99	TTG	TAA	0	0
mORF_+_3074697	3074697	3074900	+	3	204	ATG	TAA	0	0
mORF_+_3074876	3074876	3075085	+	2	210	TTG	TAA	0	0
mORF_+_3074913	3074913	3074984	+	3	72	ATG	TAA	0	0
mORF_+_3074941	3074941	3074964	+	1	24	GTG	TGA	0	0
mORF_+_3074994	3074994	3075002	+	3	9	GTG	TGA	0	0
mORF_+_3075006	3075006	3075014	+	3	9	TTG	TGA	0	0
mORF_+_3075027	3075027	3075068	+	3	42	ATG	TAA	0	0
mORF_+_3075102	3075102	3075128	+	3	27	ATG	TAA	0	0
mORF_+_3075129	3075129	3075155	+	3	27	GTG	TAG	0	0
mORF_+_3075178	3075178	3075237	+	1	60	TTG	TGA	0	0
mORF_+_3075197	3075197	3075304	+	2	108	TTG	TAA	0	0
mORF_+_3075228	3075228	3075296	+	3	69	TTG	TGA	0	0
mORF_+_3075323	3075323	3075340	+	2	18	ATG	TAA	0	0
mORF_+_3075447	3075447	3075455	+	3	9	TTG	TAA	0	0
mORF_+_3075468	3075468	3075524	+	3	57	TTG	TAA	0	0
mORF_+_3075496	3075496	3075516	+	1	21	GTG	TAA	0	0

mORF_+_3075517	3075517	3075528	+	1	12	TTG	TAA	0	0	
mORF_+_3075530	3075530	3075556	+	2	27	GTG	TAG	0	0	
mORF_+_3075540	3075540	3075563	+	3	24	TTG	TAA	0	0	
mORF_+_3075573	3075573	3075623	+	3	51	GTG	TAA	0	0	
mORF_+_3075616	3075616	3075783	+	1	168	ATG	TAA	0	0	
mORF_+_3075656	3075656	3075664	+	2	9	ATG	TAA	0	0	
mORF_+_3075678	3075678	3075773	+	3	96	TTG	TAA	0	0	
mORF_+_3075713	3075713	3075832	+	2	120	GTG	TGA	0	0	
mORF_+_3075789	3075789	3075815	+	3	27	ATG	TAA	0	0	
mORF_+_3075799	3075799	3075828	+	1	30	TTG	TGA	0	0	
mORF_+_3075933	3075933	3075983	+	3	51	TTG	TAG	0	0	
mORF_+_3075993	3075993	3076028	+	3	36	TTG	TAA	0	0	
mORF_+_3076037	3076037	3076132	+	2	96	GTG	TGA	0	0	
mORF_+_3076111	3076111	3076347	+	1	237	GTG	TGA	0	0	
mORF_+_3076241	3076241	3076285	+	2	45	ATG	TAA	0	0	
mORF_+_3076310	3076310	3076363	+	2	54	TTG	TAA	0	0	
mORF_+_3076353	3076353	3076397	+	3	45	ATG	TGA	0	0	
mORF_+_3076369	3076369	3076416	+	1	48	ATG	TAA	0	0	
mORF_+_3076394	3076394	3076672	+	2	279	TTG	TGA	0	0	
mORF_+_3076476	3076476	3076490	+	3	15	ATG	TGA	0	0	
mORF_+_3076527	3076527	3076550	+	3	24	GTG	TGA	0	0	
mORF_+_3076578	3076578	3076625	+	3	48	TTG	TAG	0	0	
mORF_+_3076669	3076669	3076704	+	1	36	ATG	TAA	0	0	
mORF_+_3076730	3076730	3077008	+	2	279	TTG	TGA	0	0	
mORF_+_3076738	3076738	3076773	+	1	36	ATG	TAA	0	0	
mORF_+_3076824	3076824	3076883	+	3	60	TTG	TAA	0	0	
mORF_+_3076936	3076936	3076947	+	1	12	TTG	TGA	0	0	
mORF_+_3076947	3076947	3077012	+	3	66	ATG	TAG	0	0	
mORF_+_3076963	3076963	3076992	+	1	30	TTG	TAA	0	0	
mORF_+_3077018	3077018	3077089	+	2	72	ATG	TAA	0	0	
mORF_+_3077020	3077020	3077058	+	1	39	GTG	TAA	0	0	
mORF_+_3077064	3077064	3077129	+	3	66	TTG	TAA	0	0	
mORF_+_3077095	3077095	3077106	+	1	12	TTG	TAA	0	0	
mORF_+_3077152	3077152	3077262	+	1	111	ATG	TGA	0	0	
mORF_+_3077160	3077160	3077201	+	3	42	TTG	TAA	0	0	
mORF_+_3077195	3077195	3077224	+	2	30	TTG	TGA	0	0	
mORF_+_3077217	3077217	3077240	+	3	24	TTG	TGA	0	0	
mORF_+_3077225	3077225	3077230	+	2	6	ATG	TAA	0	0	
mORF_+_3077259	3077259	3077282	+	3	24	ATG	TAG	0	0	
mORF_+_3077298	3077298	3077312	+	3	15	TTG	TAA	0	0	
mORF_+_3077305	3077305	3077316	+	1	12	ATG	TGA	0	0	
mORF_+_3077319	3077319	3077345	+	3	27	TTG	TAA	0	0	
mORF_+_3077408	3077408	3077431	+	2	24	GTG	TGA	0	0	
mORF_+_3077418	3077418	3077561	+	3	144	ATG	TAA	0	0	
mORF_+_3077428	3077428	3077469	+	1	42	TTG	TAA	0	0	
mORF_+_3077444	3077444	3077452	+	2	9	GTG	TGA	0	0	
mORF_+_3077507	3077507	3077527	+	2	21	ATG	TGA	0	0	
mORF_+_3077524	3077524	3077541	+	1	18	GTG	TAA	0	0	
mORF_+_3077542	3077542	3077571	+	1	30	TTG	TGA	0	0	
mORF_+_3077552	3077552	3077623	+	2	72	TTG	TAA	0	0	
mORF_+_3077568	3077568	3077807	+	3	240	GTG	TAG	0	0	
mORF_+_3077596	3077596	3077709	+	1	114	TTG	TGA	0	0	
mORF_+_3077836	3077836	3077844	+	1	9	GTG	TAA	0	0	
mORF_+_3077886	3077886	3077957	+	3	72	TTG	TAG	0	0	
mORF_+_3077893	3077893	3077904	+	1	12	ATG	TAG	0	0	
mORF_+_3077994	3077994	3078014	+	3	21	ATG	TGA	0	0	
mORF_+_3078051	3078051	3078098	+	3	48	ATG	TGA	0	0	
mORF_+_3078055	3078055	3078192	+	1	138	TTG	TAG	0	0	
mORF_+_3078062	3078062	3079651	+	2	1590	TTG	TGA	1	2	pORF_+_3078062
mORF_+_3078195	3078195	3078242	+	3	48	ATG	TGA	0	0	
mORF_+_3078267	3078267	3078284	+	3	18	ATG	TAA	0	0	
mORF_+_3078334	3078334	3078405	+	1	72	GTG	TAG	0	0	
mORF_+_3078360	3078360	3078440	+	3	81	GTG	TAG	0	0	

mORF_+_3078444	3078444	3078449	+	3	6	ATG	TAG	0	0	
mORF_+_3078468	3078468	3078575	+	3	108	TTG	TGA	0	0	
mORF_+_3078472	3078472	3078480	+	1	9	TTG	TAG	0	0	
mORF_+_3078624	3078624	3078707	+	3	84	ATG	TAA	0	0	
mORF_+_3078739	3078739	3078921	+	1	183	ATG	TGA	0	0	
mORF_+_3078897	3078897	3079004	+	3	108	TTG	TGA	0	0	
mORF_+_3078991	3078991	3079023	+	1	33	ATG	TAA	0	0	
mORF_+_3079011	3079011	3079037	+	3	27	ATG	TAA	0	0	
mORF_+_3079051	3079051	3079068	+	1	18	TTG	TGA	0	0	
mORF_+_3079056	3079056	3079085	+	3	30	GTG	TGA	0	0	
mORF_+_3079104	3079104	3079115	+	3	12	TTG	TAG	0	0	
mORF_+_3079117	3079117	3079203	+	1	87	ATG	TGA	0	0	
mORF_+_3079173	3079173	3079211	+	3	39	ATG	TAG	0	0	
mORF_+_3079212	3079212	3079217	+	3	6	GTG	TAG	0	0	
mORF_+_3079227	3079227	3079307	+	3	81	ATG	TGA	0	0	
mORF_+_3079320	3079320	3079346	+	3	27	GTG	TAA	0	0	
mORF_+_3079425	3079425	3079445	+	3	21	GTG	TAG	0	0	
mORF_+_3079452	3079452	3079583	+	3	132	ATG	TGA	0	0	
mORF_+_3079590	3079590	3079703	+	3	114	TTG	TGA	0	0	
mORF_+_3079648	3079648	3079662	+	1	15	GTG	TGA	0	0	
mORF_+_3079700	3079700	3079864	+	2	165	TTG	TGA	0	0	
mORF_+_3079716	3079716	3080693	+	3	978	TTG	TAA	17	36	pORF_+_3079716
mORF_+_3079735	3079735	3079908	+	1	174	TTG	TAA	0	0	
mORF_+_3079919	3079919	3080059	+	2	141	GTG	TGA	0	0	
mORF_+_3080056	3080056	3080070	+	1	15	GTG	TGA	0	0	
mORF_+_3080090	3080090	3080134	+	2	45	ATG	TAG	0	0	
mORF_+_3080119	3080119	3080154	+	1	36	TTG	TGA	0	0	
mORF_+_3080161	3080161	3080175	+	1	15	TTG	TAG	0	0	
mORF_+_3080227	3080227	3080232	+	1	6	ATG	TGA	0	0	
mORF_+_3080239	3080239	3080280	+	1	42	TTG	TGA	0	0	
mORF_+_3080350	3080350	3080355	+	1	6	ATG	TGA	0	0	
mORF_+_3080377	3080377	3080400	+	1	24	TTG	TAG	0	0	
mORF_+_3080422	3080422	3080472	+	1	51	TTG	TAG	0	0	
mORF_+_3080512	3080512	3080673	+	1	162	ATG	TGA	0	0	
mORF_+_3080680	3080680	3080715	+	1	36	ATG	TAG	0	0	
mORF_+_3080700	3080700	3080744	+	3	45	GTG	TGA	0	0	
mORF_+_3080746	3080746	3081762	+	1	1017	ATG	TAA	0	0	
mORF_+_3080750	3080750	3080863	+	2	114	ATG	TAA	0	0	
mORF_+_3080769	3080769	3080828	+	3	60	GTG	TAG	0	0	
mORF_+_3080879	3080879	3080923	+	2	45	GTG	TGA	0	0	
mORF_+_3080895	3080895	3080969	+	3	75	GTG	TGA	0	0	
mORF_+_3080966	3080966	3080980	+	2	15	GTG	TGA	0	0	
mORF_+_3080985	3080985	3081026	+	3	42	ATG	TGA	0	0	
mORF_+_3081020	3081020	3081145	+	2	126	ATG	TAA	0	0	
mORF_+_3081102	3081102	3081185	+	3	84	GTG	TAA	0	0	
mORF_+_3081239	3081239	3081283	+	2	45	TTG	TGA	0	0	
mORF_+_3081326	3081326	3081358	+	2	33	GTG	TAG	0	0	
mORF_+_3081365	3081365	3081415	+	2	51	GTG	TGA	0	0	
mORF_+_3081584	3081584	3081640	+	2	57	ATG	TGA	0	0	
mORF_+_3081683	3081683	3081802	+	2	120	GTG	TGA	0	0	
mORF_+_3081786	3081786	3081905	+	3	120	GTG	TAA	0	0	
mORF_+_3081799	3081799	3081810	+	1	12	TTG	TAA	0	0	
mORF_+_3081812	3081812	3081871	+	2	60	GTG	TAG	0	0	
mORF_+_3081907	3081907	3081948	+	1	42	TTG	TAA	0	0	
mORF_+_3081909	3081909	3081929	+	3	21	GTG	TAA	0	0	
mORF_+_3082017	3082017	3082073	+	3	57	TTG	TAA	0	0	
mORF_+_3082101	3082101	3082673	+	3	573	TTG	TAA	0	0	
mORF_+_3082108	3082108	3082230	+	1	123	ATG	TGA	0	0	
mORF_+_3082232	3082232	3082246	+	2	15	ATG	TAA	0	0	
mORF_+_3082289	3082289	3082336	+	2	48	TTG	TAG	0	0	
mORF_+_3082300	3082300	3082326	+	1	27	GTG	TAG	0	0	
mORF_+_3082439	3082439	3082474	+	2	36	ATG	TGA	0	0	
mORF_+_3082471	3082471	3082527	+	1	57	TTG	TGA	0	0	

mORF+_3082570	3082570	3082581	+	1	12	ATG	TAA	0	0	
mORF+_3082595	3082595	3082615	+	2	21	ATG	TAA	0	0	
mORF+_3082618	3082618	3082632	+	1	15	ATG	TAG	0	0	
mORF+_3082642	3082642	3082662	+	1	21	ATG	TGA	0	0	
mORF+_3082707	3082707	3083132	+	3	426	GTG	TAG	0	0	
mORF+_3082732	3082732	3082830	+	1	99	ATG	TGA	0	0	
mORF+_3082858	3082858	3082947	+	1	90	GTG	TAG	0	0	
mORF+_3083026	3083026	3083055	+	1	30	TTG	TAG	0	0	
mORF+_3083133	3083133	3083333	+	3	201	TTG	TGA	0	0	
mORF+_3083264	3083264	3083347	+	2	84	GTG	TGA	0	0	
mORF+_3083320	3083320	3083355	+	1	36	ATG	TAG	0	0	
mORF+_3083359	3083359	3083415	+	1	57	TTG	TAA	0	0	
mORF+_3083361	3083361	3083384	+	3	24	GTG	TAA	0	0	
mORF+_3083384	3083384	3083431	+	2	48	ATG	TGA	0	0	
mORF+_3083419	3083419	3083517	+	1	99	TTG	TGA	0	0	
mORF+_3083451	3083451	3083711	+	3	261	ATG	TAA	0	0	
mORF+_3083453	3083453	3083551	+	2	99	GTG	TAA	0	0	
mORF+_3083554	3083554	3083565	+	1	12	TTG	TAA	0	0	
mORF+_3083611	3083611	3083790	+	1	180	TTG	TAG	0	0	
mORF+_3083654	3083654	3083764	+	2	111	GTG	TAA	0	0	
mORF+_3083766	3083766	3083879	+	3	114	GTG	TAG	0	0	
mORF+_3083797	3083797	3083820	+	1	24	TTG	TAA	0	0	
mORF+_3083833	3083833	3083958	+	1	126	TTG	TAA	0	0	
mORF+_3083855	3083855	3083917	+	2	63	TTG	TAG	0	0	
mORF+_3083886	3083886	3083900	+	3	15	GTG	TGA	0	0	
mORF+_3083959	3083959	3083964	+	1	6	GTG	TAA	0	0	
mORF+_3084016	3084016	3084075	+	1	60	ATG	TAA	0	0	
mORF+_3084035	3084035	3084190	+	2	156	ATG	TGA	0	0	
mORF+_3084103	3084103	3084108	+	1	6	GTG	TGA	0	0	
mORF+_3084105	3084105	3084173	+	3	69	GTG	TAA	0	0	
mORF+_3084136	3084136	3084291	+	1	156	TTG	TAA	0	0	
mORF+_3084209	3084209	3084424	+	2	216	ATG	TAA	0	0	
mORF+_3084243	3084243	3084281	+	3	39	ATG	TGA	0	0	
mORF+_3084408	3084408	3084533	+	3	126	GTG	TGA	0	0	
mORF+_3084452	3084452	3084475	+	2	24	ATG	TAA	0	0	
mORF+_3084463	3084463	3084525	+	1	63	TTG	TAA	0	0	
mORF+_3084485	3084485	3084574	+	2	90	ATG	TGA	0	0	
mORF+_3084552	3084552	3084566	+	3	15	GTG	TGA	0	0	
mORF+_3084571	3084571	3084579	+	1	9	TTG	TAA	0	0	
mORF+_3084593	3084593	3084700	+	2	108	ATG	TAA	0	0	
mORF+_3084716	3084716	3085882	+	2	1167	GTG	TAA	111	2481	pORF+_3084716
mORF+_3084783	3084783	3084812	+	3	30	TTG	TAG	0	0	
mORF+_3084846	3084846	3084866	+	3	21	TTG	TAA	0	0	
mORF+_3084850	3084850	3084939	+	1	90	TTG	TAA	0	0	
mORF+_3084885	3084885	3084917	+	3	33	TTG	TAG	0	0	
mORF+_3084954	3084954	3085007	+	3	54	TTG	TGA	0	0	
mORF+_3085047	3085047	3085094	+	3	48	TTG	TGA	0	0	
mORF+_3085098	3085098	3085130	+	3	33	TTG	TGA	0	0	
mORF+_3085149	3085149	3085235	+	3	87	ATG	TGA	0	0	
mORF+_3085204	3085204	3085248	+	1	45	GTG	TGA	0	0	
mORF+_3085245	3085245	3085337	+	3	93	ATG	TAA	0	0	
mORF+_3085372	3085372	3085443	+	1	72	ATG	TGA	0	0	
mORF+_3085428	3085428	3085454	+	3	27	GTG	TGA	0	0	
mORF+_3085473	3085473	3085667	+	3	195	TTG	TAG	0	0	
mORF+_3085609	3085609	3085614	+	1	6	TTG	TGA	0	0	
mORF+_3085719	3085719	3085751	+	3	33	GTG	TGA	0	0	
mORF+_3085809	3085809	3085877	+	3	69	TTG	TGA	0	0	
mORF+_3085828	3085828	3086067	+	1	240	GTG	TAA	0	0	
mORF+_3085932	3085932	3086147	+	3	216	TTG	TAA	0	0	
mORF+_3086098	3086098	3086127	+	1	30	TTG	TAA	0	0	
mORF+_3086128	3086128	3086154	+	1	27	TTG	TGA	0	0	
mORF+_3086151	3086151	3086162	+	3	12	ATG	TAA	0	0	
mORF+_3086176	3086176	3086196	+	1	21	ATG	TAA	0	0	

mORF+_3086202	3086202	3086213	+	3	12	ATG	TAA	0	0	
mORF+_3086226	3086226	3086231	+	3	6	ATG	TGA	0	0	
mORF+_3086228	3086228	3086281	+	2	54	GTG	TAA	0	0	
mORF+_3086233	3086233	3086271	+	1	39	TTG	TAA	0	0	
mORF+_3086294	3086294	3087700	+	2	1407	TTG	TAA	0	0	
mORF+_3086367	3086367	3086411	+	3	45	TTG	TAA	0	0	
mORF+_3086412	3086412	3086480	+	3	69	TTG	TAA	0	0	
mORF+_3086470	3086470	3086538	+	1	69	ATG	TAA	0	0	
mORF+_3086496	3086496	3086561	+	3	66	GTG	TGA	0	0	
mORF+_3086580	3086580	3086630	+	3	51	TTG	TGA	0	0	
mORF+_3086664	3086664	3086732	+	3	69	GTG	TGA	0	0	
mORF+_3086772	3086772	3086834	+	3	63	GTG	TGA	0	0	
mORF+_3086812	3086812	3086922	+	1	111	ATG	TGA	0	0	
mORF+_3086862	3086862	3087086	+	3	225	TTG	TAA	0	0	
mORF+_3087175	3087175	3087240	+	1	66	GTG	TGA	0	0	
mORF+_3087189	3087189	3087200	+	3	12	TTG	TGA	0	0	
mORF+_3087210	3087210	3087266	+	3	57	TTG	TAA	0	0	
mORF+_3087381	3087381	3087398	+	3	18	TTG	TGA	0	0	
mORF+_3087399	3087399	3087413	+	3	15	GTG	TGA	0	0	
mORF+_3087415	3087415	3087546	+	1	132	TTG	TAA	0	0	
mORF+_3087459	3087459	3087503	+	3	45	TTG	TGA	0	0	
mORF+_3087507	3087507	3087524	+	3	18	TTG	TGA	0	0	
mORF+_3087567	3087567	3087578	+	3	12	ATG	TGA	0	0	
mORF+_3087604	3087604	3087648	+	1	45	GTG	TGA	0	0	
mORF+_3087645	3087645	3087659	+	3	15	TTG	TGA	0	0	
mORF+_3087740	3087740	3087871	+	2	132	TTG	TAA	0	0	
mORF+_3087777	3087777	3088274	+	3	498	ATG	TAA	0	0	
mORF+_3087940	3087940	3088053	+	1	114	ATG	TAG	0	0	
mORF+_3088031	3088031	3088207	+	2	177	ATG	TAA	0	0	
mORF+_3088060	3088060	3088083	+	1	24	ATG	TGA	0	0	
mORF+_3088099	3088099	3088215	+	1	117	GTG	TAG	0	0	
mORF+_3088219	3088219	3088302	+	1	84	GTG	TGA	0	0	
mORF+_3088312	3088312	3088365	+	1	54	TTG	TAA	0	0	
mORF+_3088366	3088366	3089076	+	1	711	GTG	TAA	1	5	pORF+_3088366
mORF+_3088388	3088388	3088405	+	2	18	TTG	TGA	0	0	
mORF+_3088509	3088509	3088520	+	3	12	TTG	TAA	0	0	
mORF+_3088547	3088547	3088609	+	2	63	TTG	TAG	0	0	
mORF+_3088563	3088563	3088589	+	3	27	GTG	TGA	0	0	
mORF+_3088611	3088611	3088679	+	3	69	GTG	TAA	0	0	
mORF+_3088619	3088619	3088756	+	2	138	ATG	TGA	0	0	
mORF+_3088757	3088757	3088828	+	2	72	ATG	TGA	0	0	
mORF+_3088788	3088788	3088802	+	3	15	GTG	TGA	0	0	
mORF+_3088818	3088818	3089006	+	3	189	ATG	TGA	0	0	
mORF+_3088868	3088868	3088924	+	2	57	GTG	TGA	0	0	
mORF+_3089003	3089003	3089086	+	2	84	ATG	TAG	0	0	
mORF+_3089055	3089055	3089153	+	3	99	TTG	TAA	0	0	
mORF+_3089098	3089098	3089184	+	1	87	TTG	TGA	0	0	
mORF+_3089129	3089129	3089887	+	2	759	GTG	TAA	11	59	pORF+_3089129
mORF+_3089215	3089215	3089286	+	1	72	TTG	TGA	0	0	
mORF+_3089223	3089223	3089348	+	3	126	ATG	TGA	0	0	
mORF+_3089418	3089418	3089468	+	3	51	GTG	TAA	0	0	
mORF+_3089517	3089517	3089528	+	3	12	GTG	TGA	0	0	
mORF+_3089545	3089545	3089574	+	1	30	GTG	TGA	0	0	
mORF+_3089556	3089556	3089657	+	3	102	TTG	TGA	0	0	
mORF+_3089578	3089578	3089589	+	1	12	GTG	TAA	0	0	
mORF+_3089632	3089632	3089649	+	1	18	GTG	TGA	0	0	
mORF+_3089712	3089712	3089732	+	3	21	TTG	TGA	0	0	
mORF+_3089733	3089733	3089774	+	3	42	TTG	TGA	0	0	
mORF+_3089871	3089871	3089900	+	3	30	TTG	TAA	0	0	
mORF+_3089900	3089900	3090850	+	2	951	ATG	TAA	48	363	pORF+_3089900
mORF+_3089964	3089964	3090035	+	3	72	TTG	TGA	0	0	
mORF+_3090039	3090039	3090071	+	3	33	ATG	TGA	0	0	
mORF+_3090094	3090094	3090114	+	1	21	GTG	TGA	0	0	

mORF+_3090111	3090111	3090146	+	3	36	GTG	TGA	0	0	
mORF+_3090171	3090171	3090233	+	3	63	TTG	TGA	0	0	
mORF+_3090447	3090447	3090461	+	3	15	TTG	TGA	0	0	
mORF+_3090468	3090468	3090641	+	3	174	ATG	TGA	0	0	
mORF+_3090648	3090648	3090686	+	3	39	GTG	TGA	0	0	
mORF+_3090705	3090705	3090737	+	3	33	TTG	TGA	0	0	
mORF+_3090771	3090771	3090815	+	3	45	GTG	TAA	0	0	
mORF+_3090819	3090819	3090860	+	3	42	ATG	TAG	0	0	
mORF+_3090875	3090875	3090886	+	2	12	TTG	TGA	0	0	
mORF+_3090887	3090887	3091522	+	2	636	GTG	TGA	19	105	pORF+_3090887
mORF+_3090924	3090924	3090935	+	3	12	TTG	TGA	0	0	
mORF+_3090984	3090984	3091124	+	3	141	TTG	TGA	0	0	
mORF+_3091036	3091036	3091047	+	1	12	TTG	TAA	0	0	
mORF+_3091143	3091143	3091271	+	3	129	GTG	TAA	0	0	
mORF+_3091287	3091287	3091403	+	3	117	ATG	TAA	0	0	
mORF+_3091396	3091396	3091938	+	1	543	GTG	TAA	2	27	pORF+_3091396
mORF+_3091443	3091443	3091475	+	3	33	TTG	TGA	0	0	
mORF+_3091476	3091476	3091622	+	3	147	TTG	TAA	0	0	
mORF+_3091526	3091526	3091573	+	2	48	GTG	TAG	0	0	
mORF+_3091674	3091674	3091754	+	3	81	GTG	TAA	0	0	
mORF+_3091757	3091757	3091795	+	2	39	TTG	TAA	0	0	
mORF+_3091802	3091802	3091948	+	2	147	ATG	TAA	0	0	
mORF+_3091961	3091961	3091966	+	2	6	GTG	TAA	0	0	
mORF+_3091986	3091986	3092003	+	3	18	TTG	TGA	0	0	
mORF+_3091993	3091993	3092058	+	1	66	ATG	TAG	0	0	
mORF+_3092000	3092000	3092152	+	2	153	GTG	TGA	0	0	
mORF+_3092077	3092077	3092088	+	1	12	TTG	TAG	0	0	
mORF+_3092100	3092100	3092201	+	3	102	TTG	TAA	0	0	
mORF+_3092113	3092113	3092211	+	1	99	ATG	TAA	0	0	
mORF+_3092215	3092215	3092277	+	1	63	GTG	TAG	0	0	
mORF+_3092253	3092253	3092261	+	3	9	GTG	TAA	0	0	
mORF+_3092255	3092255	3092350	+	2	96	GTG	TGA	0	0	
mORF+_3092314	3092314	3092319	+	1	6	TTG	TGA	0	0	
mORF+_3092316	3092316	3092672	+	3	357	GTG	TGA	0	0	
mORF+_3092347	3092347	3092385	+	1	39	TTG	TGA	0	0	
mORF+_3092425	3092425	3092430	+	1	6	ATG	TAA	0	0	
mORF+_3092446	3092446	3092760	+	1	315	ATG	TAA	0	0	
mORF+_3092669	3092669	3092677	+	2	9	TTG	TAG	0	0	
mORF+_3092696	3092696	3092911	+	2	216	GTG	TGA	0	0	
mORF+_3092775	3092775	3093077	+	3	303	TTG	TAA	0	0	
mORF+_3092806	3092806	3092817	+	1	12	GTG	TAA	0	0	
mORF+_3092842	3092842	3092964	+	1	123	ATG	TAG	0	0	
mORF+_3093014	3093014	3093139	+	2	126	ATG	TAA	0	0	
mORF+_3093046	3093046	3093051	+	1	6	GTG	TAG	0	0	
mORF+_3093064	3093064	3093123	+	1	60	ATG	TGA	0	0	
mORF+_3093120	3093120	3093824	+	3	705	ATG	TAA	25	109	pORF+_3093120
mORF+_3093130	3093130	3093309	+	1	180	TTG	TAG	0	0	
mORF+_3093182	3093182	3093226	+	2	45	TTG	TAA	0	0	
mORF+_3093353	3093353	3093382	+	2	30	ATG	TAA	0	0	
mORF+_3093364	3093364	3093498	+	1	135	TTG	TGA	0	0	
mORF+_3093416	3093416	3093490	+	2	75	GTG	TAA	0	0	
mORF+_3093514	3093514	3093609	+	1	96	GTG	TGA	0	0	
mORF+_3093637	3093637	3093642	+	1	6	ATG	TAA	0	0	
mORF+_3093649	3093649	3093675	+	1	27	TTG	TAG	0	0	
mORF+_3093679	3093679	3093690	+	1	12	TTG	TGA	0	0	
mORF+_3093754	3093754	3093879	+	1	126	TTG	TGA	0	0	
mORF+_3093842	3093842	3094408	+	2	567	ATG	TGA	0	0	
mORF+_3093876	3093876	3093962	+	3	87	TTG	TAG	0	0	
mORF+_3093919	3093919	3093933	+	1	15	GTG	TGA	0	0	
mORF+_3094023	3094023	3094094	+	3	72	TTG	TGA	0	0	
mORF+_3094116	3094116	3094130	+	3	15	TTG	TGA	0	0	
mORF+_3094218	3094218	3094232	+	3	15	TTG	TGA	0	0	
mORF+_3094287	3094287	3094310	+	3	24	GTG	TGA	0	0	

mORF+_3094329	3094329	3094424	+	3	96	ATG	TAA	0	0	
mORF+_3094393	3094393	3094695	+	1	303	GTG	TAG	0	0	
mORF+_3094409	3094409	3094417	+	2	9	ATG	TAA	0	0	
mORF+_3094424	3094424	3094561	+	2	138	ATG	TGA	0	0	
mORF+_3094586	3094586	3094606	+	2	21	TTG	TGA	0	0	
mORF+_3094607	3094607	3094687	+	2	81	TTG	TAA	0	0	
mORF+_3094703	3094703	3095296	+	2	594	ATG	TAA	22	189	pORF+_3094703
mORF+_3094713	3094713	3094835	+	3	123	TTG	TGA	0	0	
mORF+_3094869	3094869	3094883	+	3	15	ATG	TGA	0	0	
mORF+_3094899	3094899	3094925	+	3	27	TTG	TAG	0	0	
mORF+_3094926	3094926	3095021	+	3	96	ATG	TGA	0	0	
mORF+_3095107	3095107	3095118	+	1	12	ATG	TAG	0	0	
mORF+_3095139	3095139	3095219	+	3	81	GTG	TGA	0	0	
mORF+_3095250	3095250	3095264	+	3	15	GTG	TGA	0	0	
mORF+_3095289	3095289	3096425	+	3	1137	ATG	TAA	3	7	pORF+_3095289
mORF+_3095330	3095330	3095422	+	2	93	GTG	TAA	0	0	
mORF+_3095404	3095404	3095466	+	1	63	ATG	TAA	0	0	
mORF+_3095479	3095479	3095604	+	1	126	TTG	TAG	0	0	
mORF+_3095617	3095617	3095643	+	1	27	TTG	TGA	0	0	
mORF+_3095656	3095656	3095688	+	1	33	TTG	TGA	0	0	
mORF+_3095695	3095695	3095754	+	1	60	TTG	TAG	0	0	
mORF+_3095773	3095773	3095781	+	1	9	TTG	TGA	0	0	
mORF+_3095785	3095785	3095847	+	1	63	ATG	TGA	0	0	
mORF+_3095899	3095899	3095973	+	1	75	TTG	TAA	0	0	
mORF+_3095939	3095939	3095998	+	2	60	GTG	TGA	0	0	
mORF+_3095995	3095995	3096102	+	1	108	ATG	TGA	0	0	
mORF+_3096029	3096029	3096064	+	2	36	GTG	TGA	0	0	
mORF+_3096112	3096112	3096228	+	1	117	ATG	TGA	0	0	
mORF+_3096271	3096271	3096300	+	1	30	TTG	TGA	0	0	
mORF+_3096287	3096287	3096421	+	2	135	TTG	TGA	0	0	
mORF+_3096325	3096325	3096369	+	1	45	TTG	TAA	0	0	
mORF+_3096376	3096376	3096393	+	1	18	ATG	TAA	0	0	
mORF+_3096428	3096428	3096523	+	2	96	TTG	TGA	0	0	
mORF+_3096433	3096433	3096450	+	1	18	TTG	TGA	0	0	
mORF+_3096447	3096447	3096587	+	3	141	GTG	TAA	0	0	
mORF+_3096469	3096469	3096486	+	1	18	ATG	TAG	0	0	
mORF+_3096520	3096520	3096696	+	1	177	TTG	TGA	0	0	
mORF+_3096524	3096524	3096829	+	2	306	TTG	TGA	0	0	
mORF+_3096718	3096718	3096774	+	1	57	TTG	TGA	0	0	
mORF+_3096771	3096771	3096806	+	3	36	GTG	TGA	0	0	
mORF+_3096775	3096775	3097281	+	1	507	TTG	TAA	0	0	
mORF+_3096867	3096867	3096908	+	3	42	ATG	TAA	0	0	
mORF+_3096896	3096896	3096961	+	2	66	TTG	TGA	0	0	
mORF+_3097002	3097002	3097133	+	3	132	TTG	TAA	0	0	
mORF+_3097142	3097142	3097228	+	2	87	TTG	TGA	0	0	
mORF+_3097406	3097406	3097414	+	2	9	GTG	TGA	0	0	
mORF+_3097442	3097442	3097471	+	2	30	GTG	TGA	0	0	
mORF+_3097468	3097468	3097497	+	1	30	GTG	TAA	0	0	
mORF+_3097481	3097481	3097489	+	2	9	TTG	TGA	0	0	
mORF+_3097509	3097509	3097553	+	3	45	TTG	TAA	0	0	
mORF+_3097557	3097557	3097610	+	3	54	GTG	TAA	0	0	
mORF+_3097562	3097562	3097633	+	2	72	GTG	TAG	0	0	
mORF+_3097576	3097576	3097623	+	1	48	TTG	TGA	0	0	
mORF+_3097620	3097620	3098561	+	3	942	GTG	TAG	0	0	
mORF+_3097645	3097645	3097671	+	1	27	TTG	TGA	0	0	
mORF+_3097714	3097714	3097848	+	1	135	TTG	TGA	0	0	
mORF+_3097849	3097849	3097980	+	1	132	GTG	TAG	0	0	
mORF+_3097994	3097994	3098002	+	2	9	GTG	TAG	0	0	
mORF+_3098015	3098015	3098023	+	2	9	ATG	TAG	0	0	
mORF+_3098038	3098038	3098121	+	1	84	ATG	TAG	0	0	
mORF+_3098078	3098078	3098164	+	2	87	ATG	TAA	0	0	
mORF+_3098134	3098134	3098139	+	1	6	TTG	TGA	0	0	
mORF+_3098140	3098140	3098145	+	1	6	ATG	TAA	0	0	

mORF+_3098170	3098170	3098397	+	1	228	TTG	TAA	0	0
mORF+_3098306	3098306	3098326	+	2	21	ATG	TAG	0	0
mORF+_3098342	3098342	3098431	+	2	90	TTG	TAA	0	0
mORF+_3098413	3098413	3098613	+	1	201	GTG	TAG	0	0
mORF+_3098480	3098480	3098542	+	2	63	GTG	TAA	0	0
mORF+_3098562	3098562	3098666	+	3	105	TTG	TAA	0	0
mORF+_3098620	3098620	3098811	+	1	192	TTG	TGA	0	0
mORF+_3098624	3098624	3098674	+	2	51	TTG	TGA	0	0
mORF+_3098684	3098684	3098704	+	2	21	ATG	TAA	0	0
mORF+_3098717	3098717	3098740	+	2	24	GTG	TGA	0	0
mORF+_3098768	3098768	3098833	+	2	66	GTG	TGA	0	0
mORF+_3098799	3098799	3098870	+	3	72	ATG	TAA	0	0
mORF+_3098830	3098830	3098886	+	1	57	GTG	TAA	0	0
mORF+_3098905	3098905	3098916	+	1	12	ATG	TAA	0	0
mORF+_3098951	3098951	3099163	+	2	213	TTG	TGA	0	0
mORF+_3099037	3099037	3099045	+	1	9	TTG	TGA	0	0
mORF+_3099042	3099042	3099131	+	3	90	TTG	TAA	0	0
mORF+_3099049	3099049	3099084	+	1	36	TTG	TAA	0	0
mORF+_3099156	3099156	3099245	+	3	90	TTG	TAA	0	0
mORF+_3099172	3099172	3099408	+	1	237	TTG	TAG	0	0
mORF+_3099200	3099200	3099211	+	2	12	ATG	TAG	0	0
mORF+_3099245	3099245	3099325	+	2	81	ATG	TGA	0	0
mORF+_3099398	3099398	3099418	+	2	21	GTG	TGA	0	0
mORF+_3099460	3099460	3099612	+	1	153	TTG	TGA	0	0
mORF+_3099482	3099482	3099583	+	2	102	TTG	TAG	0	0
mORF+_3099600	3099600	3099647	+	3	48	TTG	TAG	0	0
mORF+_3099635	3099635	3099733	+	2	99	TTG	TAA	0	0
mORF+_3099678	3099678	3099695	+	3	18	TTG	TGA	0	0
mORF+_3099723	3099723	3100010	+	3	288	ATG	TAA	0	0
mORF+_3099758	3099758	3099832	+	2	75	GTG	TAG	0	0
mORF+_3099860	3099860	3099913	+	2	54	GTG	TGA	0	0
mORF+_3099913	3099913	3100095	+	1	183	ATG	TAA	0	0
mORF+_3099923	3099923	3099973	+	2	51	GTG	TAA	0	0
mORF+_3099995	3099995	3100294	+	2	300	TTG	TAG	0	0
mORF+_3100056	3100056	3100178	+	3	123	ATG	TAA	0	0
mORF+_3100114	3100114	3100194	+	1	81	GTG	TGA	0	0
mORF+_3100191	3100191	3100238	+	3	48	GTG	TGA	0	0
mORF+_3100261	3100261	3100284	+	1	24	TTG	TAA	0	0
mORF+_3100314	3100314	3100475	+	3	162	ATG	TGA	0	0
mORF+_3100372	3100372	3100404	+	1	33	TTG	TGA	0	0
mORF+_3100432	3100432	3100518	+	1	87	TTG	TGA	0	0
mORF+_3100472	3100472	3100630	+	2	159	ATG	TAG	0	0
mORF+_3100494	3100494	3100541	+	3	48	ATG	TAA	0	0
mORF+_3100534	3100534	3100755	+	1	222	TTG	TAG	0	0
mORF+_3100551	3100551	3100586	+	3	36	ATG	TGA	0	0
mORF+_3100587	3100587	3100856	+	3	270	ATG	TGA	0	0
mORF+_3100634	3100634	3100729	+	2	96	TTG	TGA	0	0
mORF+_3100780	3100780	3100884	+	1	105	TTG	TAG	0	0
mORF+_3100826	3100826	3100861	+	2	36	GTG	TGA	0	0
mORF+_3100889	3100889	3100894	+	2	6	TTG	TGA	0	0
mORF+_3100891	3100891	3100905	+	1	15	GTG	TGA	0	0
mORF+_3100929	3100929	3101081	+	3	153	TTG	TAA	0	0
mORF+_3100936	3100936	3100947	+	1	12	ATG	TGA	0	0
mORF+_3100955	3100955	3101023	+	2	69	GTG	TGA	0	0
mORF+_3101005	3101005	3102087	+	1	1083	TTG	TAG	0	0
mORF+_3101111	3101111	3101149	+	2	39	TTG	TGA	0	0
mORF+_3101133	3101133	3101192	+	3	60	ATG	TGA	0	0
mORF+_3101168	3101168	3101221	+	2	54	TTG	TGA	0	0
mORF+_3101234	3101234	3101488	+	2	255	ATG	TAA	0	0
mORF+_3101262	3101262	3101306	+	3	45	GTG	TAA	0	0
mORF+_3101526	3101526	3101576	+	3	51	ATG	TAA	0	0
mORF+_3101558	3101558	3101587	+	2	30	TTG	TGA	0	0
mORF+_3101597	3101597	3101605	+	2	9	GTG	TGA	0	0

mORF+_3101607	3101607	3101678	+	3	72	TTG	TAG	0	0	
mORF+_3101660	3101660	3101887	+	2	228	TTG	TGA	0	0	
mORF+_3101796	3101796	3101882	+	3	87	GTG	TAA	0	0	
mORF+_3101936	3101936	3102010	+	2	75	TTG	TAG	0	0	
mORF+_3101946	3101946	3101984	+	3	39	GTG	TGA	0	0	
mORF+_3102026	3102026	3102034	+	2	9	TTG	TAG	0	0	
mORF+_3102091	3102091	3102102	+	1	12	GTG	TAA	0	0	
mORF+_3102108	3102108	3102152	+	3	45	ATG	TGA	0	0	
mORF+_3102115	3102115	3102390	+	1	276	ATG	TAA	21	146	pORF+_3102115
mORF+_3102149	3102149	3102262	+	2	114	GTG	TGA	0	0	
mORF+_3102237	3102237	3102266	+	3	30	GTG	TAA	0	0	
mORF+_3102266	3102266	3102286	+	2	21	ATG	TGA	0	0	
mORF+_3102290	3102290	3102427	+	2	138	ATG	TAA	0	0	
mORF+_3102396	3102396	3102455	+	3	60	GTG	TGA	0	0	
mORF+_3102452	3102452	3103534	+	2	1083	ATG	TAA	4	11	pORF+_3102452
mORF+_3102483	3102483	3102575	+	3	93	TTG	TGA	0	0	
mORF+_3102585	3102585	3102629	+	3	45	TTG	TGA	0	0	
mORF+_3102696	3102696	3102779	+	3	84	ATG	TGA	0	0	
mORF+_3102783	3102783	3102932	+	3	150	GTG	TGA	0	0	
mORF+_3103008	3103008	3103082	+	3	75	TTG	TGA	0	0	
mORF+_3103122	3103122	3103154	+	3	33	ATG	TAA	0	0	
mORF+_3103185	3103185	3103286	+	3	102	ATG	TGA	0	0	
mORF+_3103290	3103290	3103427	+	3	138	ATG	TGA	0	0	
mORF+_3103437	3103437	3103454	+	3	18	ATG	TGA	0	0	
mORF+_3103556	3103556	3103636	+	2	81	ATG	TAA	0	0	
mORF+_3103572	3103572	3103739	+	3	168	ATG	TGA	0	0	
mORF+_3103597	3103597	3103725	+	1	129	TTG	TGA	0	0	
mORF+_3103688	3103688	3104992	+	2	1305	ATG	TAA	1	2	pORF+_3103688
mORF+_3103786	3103786	3103842	+	1	57	GTG	TGA	0	0	
mORF+_3103824	3103824	3103835	+	3	12	TTG	TGA	0	0	
mORF+_3103839	3103839	3103934	+	3	96	TTG	TAA	0	0	
mORF+_3103927	3103927	3104040	+	1	114	ATG	TAA	0	0	
mORF+_3103935	3103935	3104030	+	3	96	GTG	TGA	0	0	
mORF+_3104046	3104046	3104072	+	3	27	TTG	TAA	0	0	
mORF+_3104103	3104103	3104186	+	3	84	ATG	TGA	0	0	
mORF+_3104176	3104176	3104292	+	1	117	GTG	TAA	0	0	
mORF+_3104226	3104226	3104267	+	3	42	TTG	TGA	0	0	
mORF+_3104286	3104286	3104543	+	3	258	TTG	TGA	0	0	
mORF+_3104598	3104598	3104681	+	3	84	TTG	TGA	0	0	
mORF+_3104605	3104605	3104748	+	1	144	GTG	TAG	0	0	
mORF+_3104730	3104730	3104786	+	3	57	TTG	TGA	0	0	
mORF+_3104838	3104838	3104891	+	3	54	TTG	TGA	0	0	
mORF+_3104884	3104884	3104949	+	1	66	ATG	TAA	0	0	
mORF+_3104958	3104958	3105335	+	3	378	GTG	TGA	0	0	
mORF+_3105022	3105022	3105057	+	1	36	GTG	TAA	0	0	
mORF+_3105152	3105152	3105379	+	2	228	GTG	TGA	0	0	
mORF+_3105366	3105366	3105371	+	3	6	TTG	TAG	0	0	
mORF+_3105376	3105376	3105414	+	1	39	TTG	TGA	0	0	
mORF+_3105402	3105402	3105575	+	3	174	GTG	TAA	0	0	
mORF+_3105430	3105430	3105435	+	1	6	GTG	TAG	0	0	
mORF+_3105457	3105457	3105465	+	1	9	TTG	TAA	0	0	
mORF+_3105542	3105542	3105595	+	2	54	GTG	TGA	0	0	
mORF+_3105586	3105586	3105636	+	1	51	ATG	TAG	0	0	
mORF+_3105636	3105636	3105713	+	3	78	GTG	TAA	0	0	
mORF+_3105701	3105701	3105706	+	2	6	GTG	TAG	0	0	
mORF+_3105706	3105706	3105741	+	1	36	GTG	TGA	0	0	
mORF+_3105765	3105765	3105815	+	3	51	GTG	TAA	0	0	
mORF+_3105821	3105821	3105868	+	2	48	ATG	TAA	0	0	
mORF+_3105844	3105844	3105969	+	1	126	TTG	TGA	0	0	
mORF+_3105966	3105966	3106121	+	3	156	ATG	TGA	0	0	
mORF+_3105973	3105973	3106008	+	1	36	TTG	TAG	0	0	
mORF+_3105989	3105989	3106021	+	2	33	GTG	TAG	0	0	
mORF+_3106118	3106118	3106183	+	2	66	GTG	TAA	0	0	

mORF+_3106138	3106138	3106152	+	1	15	TTG	TGA	0	0
mORF+_3106140	3106140	3106190	+	3	51	GTG	TAA	0	0
mORF+_3106227	3106227	3106469	+	3	243	TTG	TGA	0	0
mORF+_3106261	3106261	3106266	+	1	6	ATG	TAA	0	0
mORF+_3106315	3106315	3106326	+	1	12	GTG	TAG	0	0
mORF+_3106447	3106447	3106482	+	1	36	ATG	TAG	0	0
mORF+_3106466	3106466	3106693	+	2	228	GTG	TAA	0	0
mORF+_3106515	3106515	3106571	+	3	57	GTG	TAA	0	0
mORF+_3106534	3106534	3106626	+	1	93	TTG	TAG	0	0
mORF+_3106638	3106638	3106970	+	3	333	ATG	TAA	0	0
mORF+_3106648	3106648	3106689	+	1	42	TTG	TGA	0	0
mORF+_3106828	3106828	3106869	+	1	42	GTG	TAA	0	0
mORF+_3106874	3106874	3106945	+	2	72	GTG	TGA	0	0
mORF+_3106936	3106936	3107010	+	1	75	TTG	TGA	0	0
mORF+_3106980	3106980	3107006	+	3	27	ATG	TAG	0	0
mORF+_3107007	3107007	3107171	+	3	165	ATG	TGA	0	0
mORF+_3107017	3107017	3107124	+	1	108	GTG	TGA	0	0
mORF+_3107168	3107168	3107179	+	2	12	TTG	TAA	0	0
mORF+_3107219	3107219	3107239	+	2	21	GTG	TGA	0	0
mORF+_3107236	3107236	3107286	+	1	51	ATG	TAA	0	0
mORF+_3107243	3107243	3107356	+	2	114	ATG	TAA	0	0
mORF+_3107322	3107322	3107336	+	3	15	GTG	TAA	0	0
mORF+_3107346	3107346	3107393	+	3	48	ATG	TAA	0	0
mORF+_3107402	3107402	3107407	+	2	6	ATG	TAA	0	0
mORF+_3107412	3107412	3107603	+	3	192	ATG	TAG	0	0
mORF+_3107417	3107417	3107479	+	2	63	GTG	TAA	0	0
mORF+_3107483	3107483	3107563	+	2	81	GTG	TAA	0	0
mORF+_3107573	3107573	3107677	+	2	105	TTG	TGA	0	0
mORF+_3107575	3107575	3108282	+	1	708	GTG	TGA	0	0
mORF+_3107687	3107687	3107728	+	2	42	TTG	TGA	0	0
mORF+_3107730	3107730	3107858	+	3	129	ATG	TAA	0	0
mORF+_3107732	3107732	3107758	+	2	27	GTG	TAG	0	0
mORF+_3107768	3107768	3107779	+	2	12	TTG	TAA	0	0
mORF+_3107780	3107780	3107947	+	2	168	TTG	TGA	0	0
mORF+_3107913	3107913	3107999	+	3	87	TTG	TGA	0	0
mORF+_3107996	3107996	3108016	+	2	21	TTG	TGA	0	0
mORF+_3108038	3108038	3108052	+	2	15	TTG	TGA	0	0
mORF+_3108090	3108090	3108200	+	3	111	GTG	TAA	0	0
mORF+_3108191	3108191	3108352	+	2	162	GTG	TGA	0	0
mORF+_3108285	3108285	3108308	+	3	24	ATG	TGA	0	0
mORF+_3108289	3108289	3108333	+	1	45	GTG	TAA	0	0
mORF+_3108318	3108318	3108338	+	3	21	GTG	TGA	0	0
mORF+_3108345	3108345	3108422	+	3	78	TTG	TGA	0	0
mORF+_3108349	3108349	3108474	+	1	126	TTG	TAA	0	0
mORF+_3108386	3108386	3108397	+	2	12	TTG	TAG	0	0
mORF+_3108419	3108419	3108538	+	2	120	TTG	TAG	0	0
mORF+_3108498	3108498	3108545	+	3	48	TTG	TAA	0	0
mORF+_3108590	3108590	3108607	+	2	18	TTG	TGA	0	0
mORF+_3108681	3108681	3108722	+	3	42	TTG	TAA	0	0
mORF+_3108683	3108683	3108742	+	2	60	GTG	TAA	0	0
mORF+_3108799	3108799	3108993	+	1	195	ATG	TAA	0	0
mORF+_3108810	3108810	3109031	+	3	222	GTG	TAA	0	0
mORF+_3108857	3108857	3108886	+	2	30	TTG	TAA	0	0
mORF+_3108941	3108941	3108985	+	2	45	TTG	TGA	0	0
mORF+_3109033	3109033	3109119	+	1	87	ATG	TGA	0	0
mORF+_3109065	3109065	3109097	+	3	33	GTG	TAA	0	0
mORF+_3109070	3109070	3109132	+	2	63	GTG	TAA	0	0
mORF+_3109113	3109113	3109145	+	3	33	TTG	TAA	0	0
mORF+_3109147	3109147	3109203	+	1	57	ATG	TAA	0	0
mORF+_3109213	3109213	3109281	+	1	69	TTG	TAG	0	0
mORF+_3109230	3109230	3109319	+	3	90	TTG	TAA	0	0
mORF+_3109250	3109250	3109291	+	2	42	TTG	TGA	0	0
mORF+_3109288	3109288	3109347	+	1	60	GTG	TGA	0	0

mORF+_3109334	3109334	3109444	+	2	111	ATG	TGA	0	0	
mORF+_3109344	3109344	3109535	+	3	192	GTG	TGA	0	0	
mORF+_3109508	3109508	3109633	+	2	126	GTG	TAG	0	0	
mORF+_3109516	3109516	3109545	+	1	30	TTG	TAA	0	0	
mORF+_3109688	3109688	3110005	+	2	318	GTG	TGA	1	3	pORF+_3109688
mORF+_3109743	3109743	3109808	+	3	66	ATG	TGA	0	0	
mORF+_3109888	3109888	3110094	+	1	207	TTG	TAA	0	0	
mORF+_3110019	3110019	3110108	+	3	90	TTG	TAG	0	0	
mORF+_3110125	3110125	3110169	+	1	45	ATG	TGA	0	0	
mORF+_3110136	3110136	3110156	+	3	21	GTG	TAA	0	0	
mORF+_3110166	3110166	3110183	+	3	18	TTG	TGA	0	0	
mORF+_3110170	3110170	3110238	+	1	69	ATG	TGA	0	0	
mORF+_3110180	3110180	3110227	+	2	48	TTG	TGA	0	0	
mORF+_3110248	3110248	3110319	+	1	72	ATG	TAA	0	0	
mORF+_3110390	3110390	3110431	+	2	42	GTG	TGA	0	0	
mORF+_3110451	3110451	3110789	+	3	339	TTG	TAA	0	0	
mORF+_3110456	3110456	3110470	+	2	15	TTG	TGA	0	0	
mORF+_3110479	3110479	3110544	+	1	66	TTG	TGA	0	0	
mORF+_3110569	3110569	3110595	+	1	27	TTG	TGA	0	0	
mORF+_3110761	3110761	3110850	+	1	90	TTG	TGA	0	0	
mORF+_3110790	3110790	3110897	+	3	108	TTG	TGA	0	0	
mORF+_3110816	3110816	3110920	+	2	105	TTG	TAA	0	0	
mORF+_3110898	3110898	3111134	+	3	237	ATG	TGA	0	0	
mORF+_3110948	3110948	3110983	+	2	36	GTG	TAA	0	0	
mORF+_3110971	3110971	3111009	+	1	39	TTG	TGA	0	0	
mORF+_3111017	3111017	3111034	+	2	18	TTG	TGA	0	0	
mORF+_3111031	3111031	3111039	+	1	9	ATG	TAA	0	0	
mORF+_3111044	3111044	3111199	+	2	156	GTG	TAA	0	0	
mORF+_3111091	3111091	3111099	+	1	9	ATG	TGA	0	0	
mORF+_3111151	3111151	3111162	+	1	12	GTG	TAA	0	0	
mORF+_3111168	3111168	3111176	+	3	9	ATG	TAA	0	0	
mORF+_3111189	3111189	3111233	+	3	45	GTG	TGA	0	0	
mORF+_3111224	3111224	3111244	+	2	21	TTG	TAA	0	0	
mORF+_3111264	3111264	3111515	+	3	252	GTG	TAA	0	0	
mORF+_3111269	3111269	3111334	+	2	66	TTG	TAA	0	0	
mORF+_3111271	3111271	3111288	+	1	18	GTG	TGA	0	0	
mORF+_3111307	3111307	3111354	+	1	48	TTG	TAA	0	0	
mORF+_3111365	3111365	3111400	+	2	36	TTG	TAA	0	0	
mORF+_3111416	3111416	3111436	+	2	21	ATG	TAA	0	0	
mORF+_3111485	3111485	3111508	+	2	24	TTG	TAA	0	0	
mORF+_3111536	3111536	3111547	+	2	12	ATG	TGA	0	0	
mORF+_3111544	3111544	3111582	+	1	39	TTG	TAG	0	0	
mORF+_3111555	3111555	3111653	+	3	99	GTG	TAA	0	0	
mORF+_3111632	3111632	3111811	+	2	180	GTG	TAA	0	0	
mORF+_3111678	3111678	3111818	+	3	141	ATG	TGA	0	0	
mORF+_3111815	3111815	3111913	+	2	99	GTG	TGA	0	0	
mORF+_3111850	3111850	3111855	+	1	6	TTG	TAG	0	0	
mORF+_3111879	3111879	3111917	+	3	39	ATG	TAA	0	0	
mORF+_3111934	3111934	3111981	+	1	48	TTG	TAA	0	0	
mORF+_3111950	3111950	3112072	+	2	123	ATG	TAA	0	0	
mORF+_3112044	3112044	3112082	+	3	39	GTG	TGA	0	0	
mORF+_3112076	3112076	3112093	+	2	18	TTG	TGA	0	0	
mORF+_3112112	3112112	3112168	+	2	57	TTG	TGA	0	0	
mORF+_3112171	3112171	3112194	+	1	24	ATG	TAG	0	0	
mORF+_3112173	3112173	3112265	+	3	93	GTG	TGA	0	0	
mORF+_3112234	3112234	3112380	+	1	147	GTG	TAA	0	0	
mORF+_3112262	3112262	3112273	+	2	12	ATG	TAA	0	0	
mORF+_3112266	3112266	3112307	+	3	42	TTG	TGA	0	0	
mORF+_3112304	3112304	3112357	+	2	54	ATG	TGA	0	0	
mORF+_3112323	3112323	3112415	+	3	93	TTG	TAA	0	0	
mORF+_3112373	3112373	3112396	+	2	24	ATG	TAA	0	0	
mORF+_3112384	3112384	3112605	+	1	222	TTG	TGA	0	0	
mORF+_3112437	3112437	3112478	+	3	42	GTG	TAG	0	0	

mORF_+_3112505	3112505	3112513	+	2	9	ATG	TAA	0	0
mORF_+_3112518	3112518	3112649	+	3	132	GTG	TGA	0	0
mORF_+_3112532	3112532	3112600	+	2	69	ATG	TAA	0	0
mORF_+_3112609	3112609	3112665	+	1	57	ATG	TAA	0	0
mORF_+_3112646	3112646	3112750	+	2	105	GTG	TAA	0	0
mORF_+_3112801	3112801	3112836	+	1	36	GTG	TAA	0	0
mORF_+_3112840	3112840	3112938	+	1	99	TTG	TAA	0	0
mORF_+_3112877	3112877	3112978	+	2	102	GTG	TGA	0	0
mORF_+_3112887	3112887	3113540	+	3	654	ATG	TGA	0	0
mORF_+_3112954	3112954	3113133	+	1	180	GTG	TAA	0	0
mORF_+_3113012	3113012	3113098	+	2	87	GTG	TAA	0	0
mORF_+_3113143	3113143	3113217	+	1	75	ATG	TGA	0	0
mORF_+_3113177	3113177	3113350	+	2	174	TTG	TGA	0	0
mORF_+_3113266	3113266	3113307	+	1	42	GTG	TAA	0	0
mORF_+_3113326	3113326	3113382	+	1	57	ATG	TAG	0	0
mORF_+_3113485	3113485	3113490	+	1	6	GTG	TAA	0	0
mORF_+_3113491	3113491	3113526	+	1	36	TTG	TAG	0	0
mORF_+_3113516	3113516	3113626	+	2	111	GTG	TAA	0	0
mORF_+_3113629	3113629	3113673	+	1	45	GTG	TAA	0	0
mORF_+_3113695	3113695	3113859	+	1	165	TTG	TGA	0	0
mORF_+_3113744	3113744	3113812	+	2	69	TTG	TGA	0	0
mORF_+_3113769	3113769	3113882	+	3	114	ATG	TGA	0	0
mORF_+_3113864	3113864	3113929	+	2	66	GTG	TGA	0	0
mORF_+_3113887	3113887	3114054	+	1	168	ATG	TAG	0	0
mORF_+_3114032	3114032	3114058	+	2	27	GTG	TGA	0	0
mORF_+_3114055	3114055	3114066	+	1	12	TTG	TAG	0	0
mORF_+_3114079	3114079	3114108	+	1	30	ATG	TAG	0	0
mORF_+_3114112	3114112	3114171	+	1	60	ATG	TAG	0	0
mORF_+_3114178	3114178	3114186	+	1	9	TTG	TAG	0	0
mORF_+_3114202	3114202	3114246	+	1	45	GTG	TAA	0	0
mORF_+_3114280	3114280	3114351	+	1	72	ATG	TAG	0	0
mORF_+_3114357	3114357	3114389	+	3	33	ATG	TAA	0	0
mORF_+_3114376	3114376	3114519	+	1	144	ATG	TAG	0	0
mORF_+_3114413	3114413	3114430	+	2	18	TTG	TAA	0	0
mORF_+_3114438	3114438	3115151	+	3	714	TTG	TAA	0	0
mORF_+_3114449	3114449	3114472	+	2	24	GTG	TAA	0	0
mORF_+_3114524	3114524	3114535	+	2	12	ATG	TAG	0	0
mORF_+_3114646	3114646	3114717	+	1	72	TTG	TGA	0	0
mORF_+_3114751	3114751	3114786	+	1	36	ATG	TAA	0	0
mORF_+_3114802	3114802	3114822	+	1	21	ATG	TGA	0	0
mORF_+_3114809	3114809	3114937	+	2	129	TTG	TAA	0	0
mORF_+_3114868	3114868	3114990	+	1	123	TTG	TAG	0	0
mORF_+_3115030	3115030	3115062	+	1	33	TTG	TAA	0	0
mORF_+_3115055	3115055	3115102	+	2	48	TTG	TAA	0	0
mORF_+_3115152	3115152	3115970	+	3	819	ATG	TAA	0	0
mORF_+_3115165	3115165	3115218	+	1	54	ATG	TGA	0	0
mORF_+_3115249	3115249	3115308	+	1	60	TTG	TAG	0	0
mORF_+_3115324	3115324	3115401	+	1	78	ATG	TAA	0	0
mORF_+_3115420	3115420	3115431	+	1	12	ATG	TAG	0	0
mORF_+_3115433	3115433	3115447	+	2	15	GTG	TAA	0	0
mORF_+_3115456	3115456	3115611	+	1	156	TTG	TAG	0	0
mORF_+_3115651	3115651	3115674	+	1	24	TTG	TGA	0	0
mORF_+_3115690	3115690	3115701	+	1	12	GTG	TAG	0	0
mORF_+_3115705	3115705	3115749	+	1	45	TTG	TAG	0	0
mORF_+_3115771	3115771	3115788	+	1	18	TTG	TGA	0	0
mORF_+_3115807	3115807	3115890	+	1	84	TTG	TGA	0	0
mORF_+_3115963	3115963	3116073	+	1	111	TTG	TAG	0	0
mORF_+_3116055	3116055	3116159	+	3	105	TTG	TGA	0	0
mORF_+_3116134	3116134	3116259	+	1	126	ATG	TAG	0	0
mORF_+_3116263	3116263	3116334	+	1	72	TTG	TGA	0	0
mORF_+_3116331	3116331	3116423	+	3	93	TTG	TGA	0	0
mORF_+_3116390	3116390	3116407	+	2	18	TTG	TGA	0	0
mORF_+_3116401	3116401	3116430	+	1	30	GTG	TGA	0	0

mORF_+_3116420	3116420	3116479	+	2	60	GTG	TGA	0	0
mORF_+_3116427	3116427	3116720	+	3	294	ATG	TGA	0	0
mORF_+_3116431	3116431	3116724	+	1	294	GTG	TGA	0	0
mORF_+_3116501	3116501	3116677	+	2	177	GTG	TAA	0	0
mORF_+_3116725	3116725	3116859	+	1	135	GTG	TAA	0	0
mORF_+_3116741	3116741	3116767	+	2	27	TTG	TAA	0	0
mORF_+_3116786	3116786	3116791	+	2	6	ATG	TAA	0	0
mORF_+_3116897	3116897	3116932	+	2	36	GTG	TAG	0	0
mORF_+_3116948	3116948	3117094	+	2	147	TTG	TAG	0	0
mORF_+_3117146	3117146	3117163	+	2	18	GTG	TAA	0	0
mORF_+_3117157	3117157	3117174	+	1	18	ATG	TAA	0	0
mORF_+_3117192	3117192	3117209	+	3	18	ATG	TAA	0	0
mORF_+_3117242	3117242	3117259	+	2	18	TTG	TGA	0	0
mORF_+_3117256	3117256	3117357	+	1	102	GTG	TAA	0	0
mORF_+_3117285	3117285	3117467	+	3	183	ATG	TAG	0	0
mORF_+_3117385	3117385	3117432	+	1	48	TTG	TAA	0	0
mORF_+_3117449	3117449	3117493	+	2	45	TTG	TAG	0	0
mORF_+_3117468	3117468	3117485	+	3	18	ATG	TAA	0	0
mORF_+_3117519	3117519	3117533	+	3	15	TTG	TAA	0	0
mORF_+_3117526	3117526	3117591	+	1	66	ATG	TGA	0	0
mORF_+_3117545	3117545	3117559	+	2	15	ATG	TAA	0	0
mORF_+_3117572	3117572	3117577	+	2	6	ATG	TAA	0	0
mORF_+_3117578	3117578	3117712	+	2	135	ATG	TAG	0	0
mORF_+_3117588	3117588	3117617	+	3	30	ATG	TGA	0	0
mORF_+_3117697	3117697	3117873	+	1	177	GTG	TGA	0	0
mORF_+_3117740	3117740	3118009	+	2	270	ATG	TAG	0	0
mORF_+_3117813	3117813	3117845	+	3	33	TTG	TGA	0	0
mORF_+_3117870	3117870	3117890	+	3	21	GTG	TAG	0	0
mORF_+_3117939	3117939	3118016	+	3	78	GTG	TGA	0	0
mORF_+_3118010	3118010	3118246	+	2	237	TTG	TGA	0	0
mORF_+_3118200	3118200	3118271	+	3	72	TTG	TAA	0	0
mORF_+_3118210	3118210	3118281	+	1	72	TTG	TGA	0	0
mORF_+_3118278	3118278	3118316	+	3	39	GTG	TAA	0	0
mORF_+_3118325	3118325	3118573	+	2	249	ATG	TAG	0	0
mORF_+_3118365	3118365	3118382	+	3	18	GTG	TGA	0	0
mORF_+_3118384	3118384	3118404	+	1	21	TTG	TGA	0	0
mORF_+_3118425	3118425	3118469	+	3	45	ATG	TGA	0	0
mORF_+_3118456	3118456	3118512	+	1	57	TTG	TAA	0	0
mORF_+_3118470	3118470	3118505	+	3	36	TTG	TAA	0	0
mORF_+_3118518	3118518	3118547	+	3	30	GTG	TAA	0	0
mORF_+_3118592	3118592	3118711	+	2	120	GTG	TGA	0	0
mORF_+_3118665	3118665	3118850	+	3	186	TTG	TGA	0	0
mORF_+_3118730	3118730	3118759	+	2	30	ATG	TGA	0	0
mORF_+_3118732	3118732	3118842	+	1	111	GTG	TAA	0	0
mORF_+_3118811	3118811	3118963	+	2	153	TTG	TGA	0	0
mORF_+_3118970	3118970	3119080	+	2	111	GTG	TAA	0	0
mORF_+_3119064	3119064	3119084	+	3	21	TTG	TAA	0	0
mORF_+_3119106	3119106	3119129	+	3	24	ATG	TAA	0	0
mORF_+_3119139	3119139	3119153	+	3	15	TTG	TAG	0	0
mORF_+_3119169	3119169	3119297	+	3	129	TTG	TAA	0	0
mORF_+_3119182	3119182	3119199	+	1	18	ATG	TAA	0	0
mORF_+_3119284	3119284	3119352	+	1	69	TTG	TAA	0	0
mORF_+_3119303	3119303	3119335	+	2	33	TTG	TGA	0	0
mORF_+_3119328	3119328	3119384	+	3	57	ATG	TAG	0	0
mORF_+_3119423	3119423	3119440	+	2	18	TTG	TAA	0	0
mORF_+_3119498	3119498	3119518	+	2	21	ATG	TAG	0	0
mORF_+_3119530	3119530	3119679	+	1	150	ATG	TAA	0	0
mORF_+_3119592	3119592	3119759	+	3	168	ATG	TAA	0	0
mORF_+_3119633	3119633	3119650	+	2	18	TTG	TGA	0	0
mORF_+_3119689	3119689	3119694	+	1	6	GTG	TAA	0	0
mORF_+_3119818	3119818	3119892	+	1	75	TTG	TAA	0	0
mORF_+_3119870	3119870	3119887	+	2	18	TTG	TGA	0	0
mORF_+_3119897	3119897	3119959	+	2	63	TTG	TGA	0	0

mORF_+_3119905	3119905	3119976	+	1	72	ATG	TGA	0	0
mORF_+_3119928	3119928	3120074	+	3	147	TTG	TAG	0	0
mORF_+_3120032	3120032	3120187	+	2	156	TTG	TAG	0	0
mORF_+_3120046	3120046	3120219	+	1	174	TTG	TGA	0	0
mORF_+_3120213	3120213	3120383	+	3	171	TTG	TGA	0	0
mORF_+_3120233	3120233	3120376	+	2	144	GTG	TAG	0	0
mORF_+_3120253	3120253	3120705	+	1	453	TTG	TAA	0	0
mORF_+_3120380	3120380	3120406	+	2	27	TTG	TGA	0	0
mORF_+_3120479	3120479	3120508	+	2	30	TTG	TGA	0	0
mORF_+_3120557	3120557	3120670	+	2	114	ATG	TAG	0	0
mORF_+_3120579	3120579	3120611	+	3	33	GTG	TAA	0	0
mORF_+_3120680	3120680	3120712	+	2	33	GTG	TAG	0	0
mORF_+_3120731	3120731	3120805	+	2	75	ATG	TGA	0	0
mORF_+_3120802	3120802	3121200	+	1	399	ATG	TAA	0	0
mORF_+_3120812	3120812	3120874	+	2	63	TTG	TAA	0	0
mORF_+_3120962	3120962	3121174	+	2	213	TTG	TAA	0	0
mORF_+_3121185	3121185	3121256	+	3	72	GTG	TAA	0	0
mORF_+_3121202	3121202	3121273	+	2	72	GTG	TGA	0	0
mORF_+_3121237	3121237	3121296	+	1	60	TTG	TAG	0	0
mORF_+_3121345	3121345	3121404	+	1	60	TTG	TAA	0	0
mORF_+_3121385	3121385	3121453	+	2	69	ATG	TAG	0	0
mORF_+_3121416	3121416	3121502	+	3	87	GTG	TGA	0	0
mORF_+_3121499	3121499	3121561	+	2	63	GTG	TAG	0	0
mORF_+_3121546	3121546	3121755	+	1	210	TTG	TAA	0	0
mORF_+_3121616	3121616	3121648	+	2	33	TTG	TGA	0	0
mORF_+_3121649	3121649	3121675	+	2	27	ATG	TGA	0	0
mORF_+_3121686	3121686	3121781	+	3	96	GTG	TAA	0	0
mORF_+_3121715	3121715	3121822	+	2	108	TTG	TGA	0	0
mORF_+_3121819	3121819	3121908	+	1	90	TTG	TAA	0	0
mORF_+_3121827	3121827	3121934	+	3	108	TTG	TAA	0	0
mORF_+_3121936	3121936	3121980	+	1	45	TTG	TAA	0	0
mORF_+_3122012	3122012	3122032	+	2	21	TTG	TAG	0	0
mORF_+_3122114	3122114	3122137	+	2	24	ATG	TGA	0	0
mORF_+_3122134	3122134	3122358	+	1	225	ATG	TGA	0	0
mORF_+_3122159	3122159	3122197	+	2	39	ATG	TGA	0	0
mORF_+_3122211	3122211	3122234	+	3	24	TTG	TAA	0	0
mORF_+_3122237	3122237	3122437	+	2	201	ATG	TAA	0	0
mORF_+_3122346	3122346	3122663	+	3	318	ATG	TGA	0	0
mORF_+_3122416	3122416	3122496	+	1	81	GTG	TAA	0	0
mORF_+_3122468	3122468	3122491	+	2	24	ATG	TAA	0	0
mORF_+_3122540	3122540	3122554	+	2	15	TTG	TAG	0	0
mORF_+_3122567	3122567	3122638	+	2	72	GTG	TAA	0	0
mORF_+_3122596	3122596	3122658	+	1	63	TTG	TGA	0	0
mORF_+_3122665	3122665	3122718	+	1	54	GTG	TGA	0	0
mORF_+_3122715	3122715	3122840	+	3	126	TTG	TGA	0	0
mORF_+_3122744	3122744	3122971	+	2	228	TTG	TAA	0	0
mORF_+_3122752	3122752	3122835	+	1	84	TTG	TAA	0	0
mORF_+_3122880	3122880	3123209	+	3	330	ATG	TGA	0	0
mORF_+_3122917	3122917	3122946	+	1	30	TTG	TAG	0	0
mORF_+_3122984	3122984	3123055	+	2	72	ATG	TAA	0	0
mORF_+_3123034	3123034	3123042	+	1	9	TTG	TGA	0	0
mORF_+_3123154	3123154	3123255	+	1	102	GTG	TGA	0	0
mORF_+_3123206	3123206	3123469	+	2	264	GTG	TAA	0	0
mORF_+_3123231	3123231	3123326	+	3	96	GTG	TAG	0	0
mORF_+_3123277	3123277	3123285	+	1	9	GTG	TAA	0	0
mORF_+_3123327	3123327	3123368	+	3	42	ATG	TGA	0	0
mORF_+_3123373	3123373	3123483	+	1	111	TTG	TAG	0	0
mORF_+_3123420	3123420	3123575	+	3	156	ATG	TAA	0	0
mORF_+_3123470	3123470	3123523	+	2	54	TTG	TAA	0	0
mORF_+_3123508	3123508	3123564	+	1	57	ATG	TGA	0	0
mORF_+_3123627	3123627	3123695	+	3	69	ATG	TAA	0	0
mORF_+_3123640	3123640	3123663	+	1	24	TTG	TGA	0	0
mORF_+_3123664	3123664	3123831	+	1	168	TTG	TGA	0	0

mORF_+_3123717	3123717	3123731	+	3	15	TTG	TAA	0	0	
mORF_+_3123758	3123758	3123937	+	2	180	ATG	TAA	0	0	
mORF_+_3123801	3123801	3123929	+	3	129	TTG	TAA	0	0	
mORF_+_3123913	3123913	3123924	+	1	12	TTG	TAA	0	0	
mORF_+_3123937	3123937	3124077	+	1	141	ATG	TAG	0	0	
mORF_+_3123944	3123944	3123994	+	2	51	ATG	TGA	0	0	
mORF_+_3123954	3123954	3124034	+	3	81	TTG	TAA	0	0	
mORF_+_3124043	3124043	3124057	+	2	15	TTG	TGA	0	0	
mORF_+_3124094	3124094	3124165	+	2	72	GTG	TAA	0	0	
mORF_+_3124146	3124146	3124439	+	3	294	ATG	TAA	0	0	
mORF_+_3124165	3124165	3124272	+	1	108	ATG	TAA	0	0	
mORF_+_3124325	3124325	3124384	+	2	60	TTG	TAA	0	0	
mORF_+_3124387	3124387	3124398	+	1	12	ATG	TGA	0	0	
mORF_+_3124423	3124423	3124464	+	1	42	GTG	TGA	0	0	
mORF_+_3124574	3124574	3124621	+	2	48	ATG	TAG	0	0	
mORF_+_3124593	3124593	3124727	+	3	135	ATG	TGA	0	0	
mORF_+_3124682	3124682	3124861	+	2	180	ATG	TAA	0	0	
mORF_+_3124728	3124728	3124889	+	3	162	TTG	TGA	0	0	
mORF_+_3124865	3124865	3124909	+	2	45	GTG	TAA	0	0	
mORF_+_3124896	3124896	3124991	+	3	96	TTG	TAG	0	0	
mORF_+_3124916	3124916	3124927	+	2	12	TTG	TAA	0	0	
mORF_+_3125031	3125031	3125198	+	3	168	TTG	TAA	0	0	
mORF_+_3125071	3125071	3125118	+	1	48	GTG	TAA	0	0	
mORF_+_3125204	3125204	3125332	+	2	129	ATG	TAA	0	0	
mORF_+_3125268	3125268	3125615	+	3	348	ATG	TAG	0	0	
mORF_+_3125440	3125440	3125700	+	1	261	GTG	TAA	0	0	
mORF_+_3125489	3125489	3125596	+	2	108	TTG	TGA	0	0	
mORF_+_3125624	3125624	3125875	+	2	252	ATG	TAA	0	0	
mORF_+_3125700	3125700	3125915	+	3	216	ATG	TAA	0	0	
mORF_+_3125875	3125875	3125922	+	1	48	ATG	TGA	0	0	
mORF_+_3125919	3125919	3126080	+	3	162	ATG	TGA	0	0	
mORF_+_3125936	3125936	3126007	+	2	72	ATG	TAA	0	0	
mORF_+_3125971	3125971	3126045	+	1	75	GTG	TGA	0	0	
mORF_+_3126058	3126058	3126102	+	1	45	TTG	TGA	0	0	
mORF_+_3126068	3126068	3126205	+	2	138	GTG	TAA	0	0	
mORF_+_3126084	3126084	3126113	+	3	30	TTG	TAA	0	0	
mORF_+_3126187	3126187	3126210	+	1	24	TTG	TGA	0	0	
mORF_+_3126207	3126207	3126215	+	3	9	TTG	TAA	0	0	
mORF_+_3126229	3126229	3126297	+	1	69	GTG	TGA	0	0	
mORF_+_3126234	3126234	3127058	+	3	825	GTG	TAG	0	0	
mORF_+_3126301	3126301	3126351	+	1	51	ATG	TAA	0	0	
mORF_+_3126317	3126317	3126409	+	2	93	TTG	TGA	0	0	
mORF_+_3126406	3126406	3126450	+	1	45	GTG	TGA	0	0	
mORF_+_3126475	3126475	3126543	+	1	69	TTG	TGA	0	0	
mORF_+_3126655	3126655	3126663	+	1	9	TTG	TGA	0	0	
mORF_+_3126676	3126676	3126723	+	1	48	ATG	TGA	0	0	
mORF_+_3126730	3126730	3126813	+	1	84	ATG	TGA	0	0	
mORF_+_3126764	3126764	3126829	+	2	66	TTG	TAA	0	0	
mORF_+_3126838	3126838	3126849	+	1	12	TTG	TAA	0	0	
mORF_+_3126898	3126898	3126978	+	1	81	ATG	TGA	0	0	
mORF_+_3127096	3127096	3127257	+	1	162	TTG	TGA	1	4	pORF_+_3127096
mORF_+_3127160	3127160	3127252	+	2	93	ATG	TGA	0	0	
mORF_+_3127331	3127331	3127384	+	2	54	TTG	TGA	0	0	
mORF_+_3127381	3127381	3127440	+	1	60	TTG	TAG	0	0	
mORF_+_3127415	3127415	3127468	+	2	54	GTG	TAA	0	0	
mORF_+_3127470	3127470	3127640	+	3	171	TTG	TAG	0	0	
mORF_+_3127480	3127480	3127584	+	1	105	ATG	TGA	0	0	
mORF_+_3127588	3127588	3127623	+	1	36	TTG	TGA	0	0	
mORF_+_3127654	3127654	3127704	+	1	51	GTG	TGA	0	0	
mORF_+_3127701	3127701	3127793	+	3	93	GTG	TAA	0	0	
mORF_+_3127741	3127741	3127806	+	1	66	TTG	TGA	0	0	
mORF_+_3127748	3127748	3127810	+	2	63	GTG	TGA	0	0	
mORF_+_3127807	3127807	3127932	+	1	126	TTG	TGA	0	0	

mORF_+_3127841	3127841	3127984	+	2	144	TTG	TAA	0	0	
mORF_+_3127848	3127848	3127853	+	3	6	TTG	TGA	0	0	
mORF_+_3127929	3127929	3128090	+	3	162	ATG	TAA	0	0	
mORF_+_3127942	3127942	3127950	+	1	9	TTG	TAA	0	0	
mORF_+_3128012	3128012	3128035	+	2	24	TTG	TGA	0	0	
mORF_+_3128032	3128032	3128121	+	1	90	ATG	TAA	0	0	
mORF_+_3128105	3128105	3128143	+	2	39	TTG	TAA	0	0	
mORF_+_3128144	3128144	3128152	+	2	9	ATG	TAA	0	0	
mORF_+_3128173	3128173	3128190	+	1	18	GTG	TGA	0	0	
mORF_+_3128192	3128192	3128239	+	2	48	ATG	TGA	0	0	
mORF_+_3128200	3128200	3129216	+	1	1017	ATG	TAA	46	158	pORF_+_3128200
mORF_+_3128264	3128264	3128452	+	2	189	GTG	TGA	0	0	
mORF_+_3128334	3128334	3128384	+	3	51	ATG	TAA	0	0	
mORF_+_3128439	3128439	3128525	+	3	87	TTG	TAG	0	0	
mORF_+_3128456	3128456	3128554	+	2	99	ATG	TGA	0	0	
mORF_+_3128663	3128663	3128767	+	2	105	ATG	TGA	0	0	
mORF_+_3128751	3128751	3128840	+	3	90	GTG	TGA	0	0	
mORF_+_3128777	3128777	3128803	+	2	27	TTG	TGA	0	0	
mORF_+_3128837	3128837	3128956	+	2	120	ATG	TGA	0	0	
mORF_+_3129198	3129198	3129257	+	3	60	GTG	TAA	0	0	
mORF_+_3129238	3129238	3129261	+	1	24	ATG	TAG	0	0	
mORF_+_3129303	3129303	3129314	+	3	12	ATG	TGA	0	0	
mORF_+_3129311	3129311	3129319	+	2	9	ATG	TGA	0	0	
mORF_+_3129316	3129316	3129366	+	1	51	ATG	TAA	0	0	
mORF_+_3129412	3129412	3129543	+	1	132	ATG	TAA	0	0	
mORF_+_3129590	3129590	3129607	+	2	18	ATG	TAA	0	0	
mORF_+_3129595	3129595	3130017	+	1	423	ATG	TAG	0	0	
mORF_+_3129684	3129684	3129701	+	3	18	GTG	TGA	0	0	
mORF_+_3129698	3129698	3129727	+	2	30	TTG	TAA	0	0	
mORF_+_3129768	3129768	3129788	+	3	21	ATG	TAA	0	0	
mORF_+_3129995	3129995	3130006	+	2	12	TTG	TGA	0	0	
mORF_+_3130038	3130038	3130055	+	3	18	TTG	TAA	0	0	
mORF_+_3130055	3130055	3130114	+	2	60	ATG	TGA	0	0	
mORF_+_3130059	3130059	3130079	+	3	21	ATG	TAA	0	0	
mORF_+_3130084	3130084	3130197	+	1	114	ATG	TGA	0	0	
mORF_+_3130136	3130136	3130225	+	2	90	ATG	TAA	0	0	
mORF_+_3130155	3130155	3130178	+	3	24	TTG	TAA	0	0	
mORF_+_3130206	3130206	3130358	+	3	153	TTG	TAA	0	0	
mORF_+_3130243	3130243	3130440	+	1	198	TTG	TGA	0	0	
mORF_+_3130407	3130407	3130484	+	3	78	ATG	TAA	0	0	
mORF_+_3130504	3130504	3130554	+	1	51	ATG	TAG	0	0	
mORF_+_3130529	3130529	3130612	+	2	84	GTG	TGA	0	0	
mORF_+_3130585	3130585	3130596	+	1	12	GTG	TAG	0	0	
mORF_+_3130609	3130609	3130641	+	1	33	ATG	TAG	0	0	
mORF_+_3130644	3130644	3130700	+	3	57	ATG	TAA	0	0	
mORF_+_3130654	3130654	3130809	+	1	156	TTG	TAA	0	0	
mORF_+_3130713	3130713	3130733	+	3	21	TTG	TAA	0	0	
mORF_+_3130866	3130866	3130892	+	3	27	TTG	TAG	0	0	
mORF_+_3130885	3130885	3131073	+	1	189	TTG	TAG	0	0	
mORF_+_3130968	3130968	3131225	+	3	258	TTG	TAG	0	0	
mORF_+_3131119	3131119	3131181	+	1	63	GTG	TAG	0	0	
mORF_+_3131126	3131126	3131209	+	2	84	GTG	TAA	0	0	
mORF_+_3131182	3131182	3131217	+	1	36	TTG	TGA	0	0	
mORF_+_3131225	3131225	3131284	+	2	60	GTG	TGA	0	0	
mORF_+_3131259	3131259	3131360	+	3	102	TTG	TGA	0	0	
mORF_+_3131281	3131281	3131295	+	1	15	GTG	TAG	0	0	
mORF_+_3131302	3131302	3131397	+	1	96	TTG	TAA	0	0	
mORF_+_3131357	3131357	3131479	+	2	123	TTG	TAA	0	0	
mORF_+_3131361	3131361	3131378	+	3	18	ATG	TAA	0	0	
mORF_+_3131407	3131407	3131520	+	1	114	TTG	TAA	0	0	
mORF_+_3131481	3131481	3131615	+	3	135	ATG	TGA	0	0	
mORF_+_3131546	3131546	3131605	+	2	60	GTG	TAG	0	0	
mORF_+_3131560	3131560	3131724	+	1	165	TTG	TGA	0	0	

mORF+_3131612	3131612	3131689	+	2	78	GTG	TAG	0	0
mORF+_3131697	3131697	3131705	+	3	9	GTG	TAA	0	0
mORF+_3131708	3131708	3131764	+	2	57	TTG	TAA	0	0
mORF+_3131718	3131718	3131786	+	3	69	GTG	TAA	0	0
mORF+_3131734	3131734	3131799	+	1	66	GTG	TGA	0	0
mORF+_3131796	3131796	3131891	+	3	96	GTG	TGA	0	0
mORF+_3131827	3131827	3131907	+	1	81	TTG	TGA	0	0
mORF+_3131840	3131840	3131974	+	2	135	ATG	TGA	0	0
mORF+_3131958	3131958	3131996	+	3	39	TTG	TAA	0	0
mORF+_3131971	3131971	3132000	+	1	30	TTG	TAA	0	0
mORF+_3132000	3132000	3132008	+	3	9	ATG	TGA	0	0
mORF+_3132005	3132005	3132064	+	2	60	TTG	TAA	0	0
mORF+_3132016	3132016	3132054	+	1	39	GTG	TGA	0	0
mORF+_3132051	3132051	3132107	+	3	57	GTG	TAA	0	0
mORF+_3132065	3132065	3132070	+	2	6	TTG	TGA	0	0
mORF+_3132067	3132067	3132081	+	1	15	GTG	TGA	0	0
mORF+_3132125	3132125	3132136	+	2	12	ATG	TAA	0	0
mORF+_3132153	3132153	3132845	+	3	693	ATG	TAG	0	0
mORF+_3132178	3132178	3132276	+	1	99	TTG	TAG	0	0
mORF+_3132218	3132218	3132223	+	2	6	GTG	TGA	0	0
mORF+_3132292	3132292	3132309	+	1	18	ATG	TGA	0	0
mORF+_3132349	3132349	3132366	+	1	18	TTG	TGA	0	0
mORF+_3132418	3132418	3132477	+	1	60	TTG	TAA	0	0
mORF+_3132478	3132478	3132486	+	1	9	TTG	TAA	0	0
mORF+_3132526	3132526	3132720	+	1	195	ATG	TAA	0	0
mORF+_3132572	3132572	3132595	+	2	24	ATG	TAA	0	0
mORF+_3132736	3132736	3132825	+	1	90	TTG	TGA	0	0
mORF+_3132832	3132832	3132897	+	1	66	GTG	TAA	0	0
mORF+_3132852	3132852	3132953	+	3	102	ATG	TAA	0	0
mORF+_3132908	3132908	3132958	+	2	51	ATG	TAA	0	0
mORF+_3132976	3132976	3133080	+	1	105	ATG	TAA	0	0
mORF+_3133050	3133050	3133268	+	3	219	GTG	TAA	0	0
mORF+_3133052	3133052	3133096	+	2	45	GTG	TAG	0	0
mORF+_3133115	3133115	3133234	+	2	120	GTG	TGA	0	0
mORF+_3133123	3133123	3133389	+	1	267	ATG	TGA	0	0
mORF+_3133420	3133420	3133476	+	1	57	TTG	TGA	0	0
mORF+_3133466	3133466	3133594	+	2	129	TTG	TAA	0	0
mORF+_3133473	3133473	3133955	+	3	483	ATG	TAA	0	0
mORF+_3133498	3133498	3133578	+	1	81	GTG	TAG	0	0
mORF+_3133588	3133588	3133623	+	1	36	TTG	TAG	0	0
mORF+_3133639	3133639	3133824	+	1	186	TTG	TGA	0	0
mORF+_3133772	3133772	3133891	+	2	120	ATG	TGA	0	0
mORF+_3133888	3133888	3134175	+	1	288	ATG	TAG	0	0
mORF+_3133970	3133970	3134011	+	2	42	ATG	TAA	0	0
mORF+_3134028	3134028	3134048	+	3	21	GTG	TAA	0	0
mORF+_3134118	3134118	3134126	+	3	9	GTG	TGA	0	0
mORF+_3134123	3134123	3134185	+	2	63	TTG	TAA	0	0
mORF+_3134160	3134160	3134198	+	3	39	ATG	TAA	0	0
mORF+_3134219	3134219	3134269	+	2	51	ATG	TAA	0	0
mORF+_3134241	3134241	3134348	+	3	108	TTG	TAA	0	0
mORF+_3134251	3134251	3134265	+	1	15	ATG	TAA	0	0
mORF+_3134290	3134290	3134298	+	1	9	GTG	TGA	0	0
mORF+_3134305	3134305	3134319	+	1	15	TTG	TAG	0	0
mORF+_3134309	3134309	3134593	+	2	285	TTG	TGA	0	0
mORF+_3134359	3134359	3134400	+	1	42	GTG	TAG	0	0
mORF+_3134412	3134412	3134465	+	3	54	TTG	TGA	0	0
mORF+_3134502	3134502	3134519	+	3	18	TTG	TAA	0	0
mORF+_3134590	3134590	3134613	+	1	24	ATG	TAA	0	0
mORF+_3134601	3134601	3134633	+	3	33	TTG	TAA	0	0
mORF+_3134617	3134617	3134658	+	1	42	TTG	TAA	0	0
mORF+_3134670	3134670	3134705	+	3	36	TTG	TAA	0	0
mORF+_3134680	3134680	3134772	+	1	93	ATG	TAG	0	0
mORF+_3134738	3134738	3134788	+	2	51	GTG	TGA	0	0

mORF_+_3134773	3134773	3134802	+	1	30	TTG	TGA	0	0	
mORF_+_3134803	3134803	3134844	+	1	42	ATG	TGA	0	0	
mORF_+_3134838	3134838	3135758	+	3	921	TTG	TAG	0	0	
mORF_+_3134848	3134848	3134901	+	1	54	ATG	TGA	0	0	
mORF_+_3134920	3134920	3134958	+	1	39	TTG	TAA	0	0	
mORF_+_3134986	3134986	3135009	+	1	24	GTG	TAA	0	0	
mORF_+_3135052	3135052	3135144	+	1	93	TTG	TGA	0	0	
mORF_+_3135155	3135155	3135184	+	2	30	TTG	TAA	0	0	
mORF_+_3135382	3135382	3135486	+	1	105	TTG	TAG	0	0	
mORF_+_3135410	3135410	3135448	+	2	39	GTG	TAA	0	0	
mORF_+_3135550	3135550	3135561	+	1	12	TTG	TAA	0	0	
mORF_+_3135583	3135583	3135618	+	1	36	ATG	TGA	0	0	
mORF_+_3135647	3135647	3135754	+	2	108	GTG	TAA	0	0	
mORF_+_3135667	3135667	3135720	+	1	54	ATG	TGA	0	0	
mORF_+_3135742	3135742	3135789	+	1	48	TTG	TAG	0	0	
mORF_+_3135792	3135792	3135950	+	3	159	ATG	TAA	0	0	
mORF_+_3135808	3135808	3135819	+	1	12	TTG	TGA	0	0	
mORF_+_3135823	3135823	3135837	+	1	15	TTG	TAG	0	0	
mORF_+_3135889	3135889	3136026	+	1	138	TTG	TAG	0	0	
mORF_+_3136068	3136068	3136463	+	3	396	TTG	TGA	0	0	
mORF_+_3136120	3136120	3136335	+	1	216	TTG	TAA	0	0	
mORF_+_3136235	3136235	3136264	+	2	30	ATG	TAA	0	0	
mORF_+_3136378	3136378	3136407	+	1	30	TTG	TAG	0	0	
mORF_+_3136472	3136472	3136558	+	2	87	TTG	TAA	0	0	
mORF_+_3136537	3136537	3136584	+	1	48	TTG	TAA	0	0	
mORF_+_3136585	3136585	3136677	+	1	93	TTG	TAA	0	0	
mORF_+_3136590	3136590	3136598	+	3	9	GTG	TGA	0	0	
mORF_+_3136701	3136701	3137615	+	3	915	GTG	TAA	27	150	pORF_+_3136701
mORF_+_3136787	3136787	3136795	+	2	9	GTG	TAA	0	0	
mORF_+_3136849	3136849	3136923	+	1	75	ATG	TAA	0	0	
mORF_+_3136933	3136933	3136986	+	1	54	TTG	TGA	0	0	
mORF_+_3136993	3136993	3137034	+	1	42	TTG	TGA	0	0	
mORF_+_3137095	3137095	3137181	+	1	87	TTG	TGA	0	0	
mORF_+_3137224	3137224	3137259	+	1	36	GTG	TAA	0	0	
mORF_+_3137263	3137263	3137412	+	1	150	TTG	TAG	0	0	
mORF_+_3137384	3137384	3137425	+	2	42	TTG	TGA	0	0	
mORF_+_3137413	3137413	3137487	+	1	75	GTG	TAG	0	0	
mORF_+_3137509	3137509	3137544	+	1	36	GTG	TGA	0	0	
mORF_+_3137545	3137545	3137655	+	1	111	ATG	TAA	0	0	
mORF_+_3137619	3137619	3137759	+	3	141	TTG	TAA	0	0	
mORF_+_3137681	3137681	3137695	+	2	15	GTG	TGA	0	0	
mORF_+_3137695	3137695	3137751	+	1	57	ATG	TAA	0	0	
mORF_+_3137765	3137765	3137782	+	2	18	TTG	TAA	0	0	
mORF_+_3137773	3137773	3137811	+	1	39	GTG	TGA	0	0	
mORF_+_3137784	3137784	3137939	+	3	156	GTG	TGA	0	0	
mORF_+_3137831	3137831	3137857	+	2	27	GTG	TAG	0	0	
mORF_+_3137936	3137936	3137992	+	2	57	GTG	TAA	0	0	
mORF_+_3138018	3138018	3138065	+	3	48	TTG	TGA	0	0	
mORF_+_3138062	3138062	3138157	+	2	96	GTG	TAA	0	0	
mORF_+_3138167	3138167	3138406	+	2	240	TTG	TGA	1	9	pORF_+_3138167
mORF_+_3138261	3138261	3138713	+	3	453	GTG	TGA	0	0	
mORF_+_3138403	3138403	3138609	+	1	207	GTG	TGA	1	2	pORF_+_3138403
mORF_+_3138428	3138428	3138541	+	2	114	GTG	TAA	0	0	
mORF_+_3138649	3138649	3138672	+	1	24	GTG	TGA	0	0	
mORF_+_3138710	3138710	3138823	+	2	114	TTG	TGA	0	0	
mORF_+_3138717	3138717	3138992	+	3	276	ATG	TGA	0	0	
mORF_+_3138820	3138820	3138921	+	1	102	ATG	TAA	0	0	
mORF_+_3138839	3138839	3139030	+	2	192	ATG	TGA	0	0	
mORF_+_3138928	3138928	3139233	+	1	306	GTG	TAA	0	0	
mORF_+_3139043	3139043	3139141	+	2	99	TTG	TGA	0	0	
mORF_+_3139149	3139149	3139325	+	3	177	TTG	TGA	0	0	
mORF_+_3139154	3139154	3139207	+	2	54	ATG	TAA	0	0	
mORF_+_3139217	3139217	3139480	+	2	264	ATG	TGA	0	0	

mORF_+_3139336	3139336	3139392	+	1	57	TTG	TGA	0	0	
mORF_+_3139356	3139356	3139508	+	3	153	GTG	TGA	0	0	
mORF_+_3139393	3139393	3139461	+	1	69	ATG	TAA	0	0	
mORF_+_3139477	3139477	3139527	+	1	51	TTG	TAG	0	0	
mORF_+_3139505	3139505	3139534	+	2	30	TTG	TGA	0	0	
mORF_+_3139528	3139528	3139563	+	1	36	TTG	TGA	0	0	
mORF_+_3139560	3139560	3139913	+	3	354	GTG	TGA	0	0	
mORF_+_3139603	3139603	3139650	+	1	48	TTG	TGA	0	0	
mORF_+_3139616	3139616	3139672	+	2	57	TTG	TGA	0	0	
mORF_+_3139657	3139657	3139722	+	1	66	TTG	TGA	0	0	
mORF_+_3139676	3139676	3139738	+	2	63	GTG	TAA	0	0	
mORF_+_3139750	3139750	3139797	+	1	48	GTG	TGA	0	0	
mORF_+_3139763	3139763	3139834	+	2	72	GTG	TAG	0	0	
mORF_+_3139822	3139822	3139902	+	1	81	TTG	TAG	0	0	
mORF_+_3139874	3139874	3140041	+	2	168	GTG	TGA	0	0	
mORF_+_3139963	3139963	3140031	+	1	69	ATG	TGA	0	0	
mORF_+_3140013	3140013	3140963	+	3	951	GTG	TAA	2	16	pORF_+_3140013
mORF_+_3140032	3140032	3140061	+	1	30	ATG	TGA	0	0	
mORF_+_3140065	3140065	3140106	+	1	42	GTG	TAG	0	0	
mORF_+_3140189	3140189	3140221	+	2	33	GTG	TAA	0	0	
mORF_+_3140266	3140266	3140367	+	1	102	TTG	TGA	0	0	
mORF_+_3140368	3140368	3140442	+	1	75	ATG	TAG	0	0	
mORF_+_3140545	3140545	3140559	+	1	15	TTG	TGA	0	0	
mORF_+_3140563	3140563	3140685	+	1	123	TTG	TGA	0	0	
mORF_+_3140630	3140630	3140656	+	2	27	TTG	TGA	0	0	
mORF_+_3140710	3140710	3140811	+	1	102	GTG	TGA	0	0	
mORF_+_3140812	3140812	3141081	+	1	270	GTG	TGA	0	0	
mORF_+_3140852	3140852	3140995	+	2	144	ATG	TAG	0	0	
mORF_+_3140964	3140964	3141029	+	3	66	ATG	TGA	0	0	
mORF_+_3141026	3141026	3141052	+	2	27	ATG	TAA	0	0	
mORF_+_3141078	3141078	3141092	+	3	15	ATG	TAA	0	0	
mORF_+_3141174	3141174	3141194	+	3	21	TTG	TAG	0	0	
mORF_+_3141178	3141178	3141381	+	1	204	ATG	TAA	0	0	
mORF_+_3141249	3141249	3141338	+	3	90	ATG	TAG	0	0	
mORF_+_3141366	3141366	3141377	+	3	12	TTG	TAG	0	0	
mORF_+_3141402	3141402	3141572	+	3	171	ATG	TAG	0	0	
mORF_+_3141587	3141587	3141628	+	2	42	ATG	TGA	0	0	
mORF_+_3141594	3141594	3141599	+	3	6	TTG	TAG	0	0	
mORF_+_3141625	3141625	3141669	+	1	45	TTG	TGA	0	0	
mORF_+_3141635	3141635	3141691	+	2	57	GTG	TAG	0	0	
mORF_+_3141639	3141639	3141767	+	3	129	ATG	TAG	0	0	
mORF_+_3141730	3141730	3141813	+	1	84	GTG	TGA	0	0	
mORF_+_3141768	3141768	3141818	+	3	51	ATG	TGA	0	0	
mORF_+_3141815	3141815	3141889	+	2	75	GTG	TGA	0	0	
mORF_+_3141825	3141825	3141830	+	3	6	ATG	TAG	0	0	
mORF_+_3141867	3141867	3141893	+	3	27	GTG	TAA	0	0	
mORF_+_3141886	3141886	3141951	+	1	66	GTG	TAA	0	0	
mORF_+_3141932	3141932	3142120	+	2	189	ATG	TAA	0	0	
mORF_+_3141999	3141999	3142181	+	3	183	GTG	TGA	0	0	
mORF_+_3142169	3142169	3142321	+	2	153	TTG	TAG	0	0	
mORF_+_3142171	3142171	3142188	+	1	18	GTG	TGA	0	0	
mORF_+_3142185	3142185	3142244	+	3	60	ATG	TAA	0	0	
mORF_+_3142216	3142216	3142296	+	1	81	TTG	TGA	0	0	
mORF_+_3142290	3142290	3142595	+	3	306	GTG	TAG	0	0	
mORF_+_3142450	3142450	3142473	+	1	24	GTG	TGA	0	0	
mORF_+_3142630	3142630	3142674	+	1	45	TTG	TAG	0	0	
mORF_+_3142647	3142647	3143204	+	3	558	ATG	TGA	0	0	
mORF_+_3142690	3142690	3142716	+	1	27	TTG	TAA	0	0	
mORF_+_3142726	3142726	3142746	+	1	21	GTG	TAA	0	0	
mORF_+_3142753	3142753	3142851	+	1	99	ATG	TAG	0	0	
mORF_+_3142778	3142778	3142840	+	2	63	GTG	TAA	0	0	
mORF_+_3142870	3142870	3142902	+	1	33	TTG	TGA	0	0	
mORF_+_3142903	3142903	3142992	+	1	90	ATG	TGA	0	0	

mORF_+_3142996	3142996	3143091	+	1	96	TTG	TGA	0	0
mORF_+_3143063	3143063	3143095	+	2	33	TTG	TGA	0	0
mORF_+_3143120	3143120	3143143	+	2	24	ATG	TAA	0	0
mORF_+_3143176	3143176	3143235	+	1	60	GTG	TGA	0	0
mORF_+_3143198	3143198	3143329	+	2	132	TTG	TGA	0	0
mORF_+_3143292	3143292	3143342	+	3	51	TTG	TGA	0	0
mORF_+_3143326	3143326	3143667	+	1	342	GTG	TGA	0	0
mORF_+_3143339	3143339	3143467	+	2	129	TTG	TGA	0	0
mORF_+_3143352	3143352	3143363	+	3	12	TTG	TGA	0	0
mORF_+_3143367	3143367	3143408	+	3	42	ATG	TAG	0	0
mORF_+_3143472	3143472	3143480	+	3	9	TTG	TAA	0	0
mORF_+_3143504	3143504	3143917	+	2	414	GTG	TAA	0	0
mORF_+_3143550	3143550	3143600	+	3	51	TTG	TGA	0	0
mORF_+_3143634	3143634	3143663	+	3	30	TTG	TAA	0	0
mORF_+_3143664	3143664	3143867	+	3	204	GTG	TGA	0	0
mORF_+_3143773	3143773	3143781	+	1	9	TTG	TAA	0	0
mORF_+_3143892	3143892	3143900	+	3	9	ATG	TAA	0	0
mORF_+_3143917	3143917	3144042	+	1	126	ATG	TAG	0	0
mORF_+_3143922	3143922	3143996	+	3	75	ATG	TGA	0	0
mORF_+_3143975	3143975	3144193	+	2	219	ATG	TAA	0	0
mORF_+_3144067	3144067	3144132	+	1	66	TTG	TAA	0	0
mORF_+_3144105	3144105	3144254	+	3	150	GTG	TGA	0	0
mORF_+_3144211	3144211	3144231	+	1	21	ATG	TGA	0	0
mORF_+_3144251	3144251	3144289	+	2	39	GTG	TAG	0	0
mORF_+_3144261	3144261	3144395	+	3	135	ATG	TGA	0	0
mORF_+_3144298	3144298	3144414	+	1	117	TTG	TAA	0	0
mORF_+_3144320	3144320	3144343	+	2	24	TTG	TAA	0	0
mORF_+_3144377	3144377	3144448	+	2	72	ATG	TAA	0	0
mORF_+_3144435	3144435	3144440	+	3	6	GTG	TAA	0	0
mORF_+_3144464	3144464	3144490	+	2	27	ATG	TAA	0	0
mORF_+_3144468	3144468	3144500	+	3	33	TTG	TAA	0	0
mORF_+_3144637	3144637	3144642	+	1	6	GTG	TGA	0	0
mORF_+_3144639	3144639	3144695	+	3	57	GTG	TAA	0	0
mORF_+_3144709	3144709	3144723	+	1	15	ATG	TAA	0	0
mORF_+_3144714	3144714	3144794	+	3	81	TTG	TAG	0	0
mORF_+_3144748	3144748	3144981	+	1	234	ATG	TAA	0	0
mORF_+_3144782	3144782	3144805	+	2	24	TTG	TAG	0	0
mORF_+_3144839	3144839	3144850	+	2	12	ATG	TAA	0	0
mORF_+_3144843	3144843	3144857	+	3	15	TTG	TAA	0	0
mORF_+_3144914	3144914	3145090	+	2	177	TTG	TAG	0	0
mORF_+_3144939	3144939	3144947	+	3	9	TTG	TAA	0	0
mORF_+_3144954	3144954	3144977	+	3	24	GTG	TGA	0	0
mORF_+_3145017	3145017	3145040	+	3	24	TTG	TAA	0	0
mORF_+_3145056	3145056	3145133	+	3	78	TTG	TGA	0	0
mORF_+_3145126	3145126	3145221	+	1	96	GTG	TAA	0	0
mORF_+_3145230	3145230	3145250	+	3	21	TTG	TAG	0	0
mORF_+_3145241	3145241	3145348	+	2	108	TTG	TAA	0	0
mORF_+_3145267	3145267	3145365	+	1	99	TTG	TAA	0	0
mORF_+_3145293	3145293	3145547	+	3	255	TTG	TGA	0	0
mORF_+_3145450	3145450	3145632	+	1	183	ATG	TAA	0	0
mORF_+_3145475	3145475	3145507	+	2	33	TTG	TAA	0	0
mORF_+_3145544	3145544	3145588	+	2	45	GTG	TGA	0	0
mORF_+_3145605	3145605	3145613	+	3	9	TTG	TGA	0	0
mORF_+_3145610	3145610	3145753	+	2	144	TTG	TAA	0	0
mORF_+_3145632	3145632	3145700	+	3	69	ATG	TGA	0	0
mORF_+_3145732	3145732	3145803	+	1	72	GTG	TAA	0	0
mORF_+_3145743	3145743	3145874	+	3	132	TTG	TAA	0	0
mORF_+_3145778	3145778	3145792	+	2	15	TTG	TAA	0	0
mORF_+_3145814	3145814	3145879	+	2	66	TTG	TAG	0	0
mORF_+_3145885	3145885	3145899	+	1	15	TTG	TGA	0	0
mORF_+_3145896	3145896	3145931	+	3	36	TTG	TAG	0	0
mORF_+_3145903	3145903	3146037	+	1	135	GTG	TAA	0	0
mORF_+_3145919	3145919	3146959	+	2	1041	ATG	TGA	12	53

mORF_+_3145980	3145980	3146105	+	3	126	GTG	TAG	0	0	
mORF_+_3146148	3146148	3146195	+	3	48	TTG	TGA	0	0	
mORF_+_3146224	3146224	3146259	+	1	36	GTG	TAA	0	0	
mORF_+_3146304	3146304	3146489	+	3	186	TTG	TAA	0	0	
mORF_+_3146470	3146470	3146532	+	1	63	GTG	TAA	0	0	
mORF_+_3146577	3146577	3146609	+	3	33	TTG	TGA	0	0	
mORF_+_3146655	3146655	3146681	+	3	27	GTG	TGA	0	0	
mORF_+_3146730	3146730	3146777	+	3	48	ATG	TAA	0	0	
mORF_+_3146793	3146793	3146804	+	3	12	ATG	TGA	0	0	
mORF_+_3146817	3146817	3146843	+	3	27	TTG	TAG	0	0	
mORF_+_3146901	3146901	3146930	+	3	30	TTG	TGA	0	0	
mORF_+_3146935	3146935	3146955	+	1	21	GTG	TAA	0	0	
mORF_+_3146956	3146956	3146967	+	1	12	ATG	TAA	0	0	
mORF_+_3147002	3147002	3147133	+	2	132	GTG	TAA	0	0	
mORF_+_3147043	3147043	3147072	+	1	30	ATG	TAA	0	0	
mORF_+_3147072	3147072	3147137	+	3	66	ATG	TGA	0	0	
mORF_+_3147134	3147134	3147247	+	2	114	GTG	TGA	0	0	
mORF_+_3147138	3147138	3147263	+	3	126	ATG	TAA	0	0	
mORF_+_3147148	3147148	3147381	+	1	234	TTG	TAA	0	0	
mORF_+_3147374	3147374	3147415	+	2	42	GTG	TAA	0	0	
mORF_+_3147469	3147469	3147510	+	1	42	TTG	TAG	0	0	
mORF_+_3147537	3147537	3147578	+	3	42	TTG	TAA	0	0	
mORF_+_3147583	3147583	3147606	+	1	24	TTG	TAG	0	0	
mORF_+_3147661	3147661	3147696	+	1	36	TTG	TAA	0	0	
mORF_+_3147684	3147684	3148568	+	3	885	ATG	TAA	7	19	pORF_+_3147684
mORF_+_3147724	3147724	3147774	+	1	51	GTG	TGA	0	0	
mORF_+_3147788	3147788	3147814	+	2	27	TTG	TAG	0	0	
mORF_+_3147805	3147805	3147825	+	1	21	ATG	TGA	0	0	
mORF_+_3147895	3147895	3147957	+	1	63	GTG	TGA	0	0	
mORF_+_3147967	3147967	3148011	+	1	45	TTG	TAA	0	0	
mORF_+_3147974	3147974	3148018	+	2	45	ATG	TGA	0	0	
mORF_+_3148015	3148015	3148062	+	1	48	ATG	TAG	0	0	
mORF_+_3148102	3148102	3148185	+	1	84	TTG	TAA	0	0	
mORF_+_3148216	3148216	3148305	+	1	90	GTG	TGA	0	0	
mORF_+_3148315	3148315	3148356	+	1	42	GTG	TGA	0	0	
mORF_+_3148360	3148360	3148452	+	1	93	TTG	TGA	0	0	
mORF_+_3148456	3148456	3148563	+	1	108	GTG	TAG	0	0	
mORF_+_3148544	3148544	3148609	+	2	66	GTG	TGA	0	0	
mORF_+_3148573	3148573	3148662	+	1	90	ATG	TGA	0	0	
mORF_+_3148581	3148581	3148586	+	3	6	TTG	TGA	0	0	
mORF_+_3148625	3148625	3148747	+	2	123	ATG	TGA	0	0	
mORF_+_3148659	3148659	3148730	+	3	72	ATG	TAA	0	0	
mORF_+_3148672	3148672	3148683	+	1	12	ATG	TAG	0	0	
mORF_+_3148687	3148687	3148692	+	1	6	TTG	TAG	0	0	
mORF_+_3148737	3148737	3148796	+	3	60	ATG	TAG	0	0	
mORF_+_3148744	3148744	3148989	+	1	246	GTG	TAA	0	0	
mORF_+_3148800	3148800	3148805	+	3	6	TTG	TAG	0	0	
mORF_+_3148811	3148811	3148888	+	2	78	ATG	TAA	0	0	
mORF_+_3148943	3148943	3149074	+	2	132	TTG	TAA	0	0	
mORF_+_3149010	3149010	3149024	+	3	15	TTG	TGA	0	0	
mORF_+_3149102	3149102	3149425	+	2	324	GTG	TAG	0	0	
mORF_+_3149151	3149151	3149165	+	3	15	GTG	TAA	0	0	
mORF_+_3149218	3149218	3149286	+	1	69	ATG	TAA	0	0	
mORF_+_3149259	3149259	3149393	+	3	135	TTG	TAA	0	0	
mORF_+_3149290	3149290	3149472	+	1	183	TTG	TAA	0	0	
mORF_+_3149409	3149409	3149429	+	3	21	GTG	TAA	0	0	
mORF_+_3149460	3149460	3149513	+	3	54	TTG	TAG	0	0	
mORF_+_3149513	3149513	3149614	+	2	102	GTG	TAG	0	0	
mORF_+_3149524	3149524	3149715	+	1	192	TTG	TGA	0	0	
mORF_+_3149604	3149604	3149687	+	3	84	TTG	TAA	0	0	
mORF_+_3149741	3149741	3149857	+	2	117	TTG	TGA	0	0	
mORF_+_3149749	3149749	3149760	+	1	12	ATG	TAA	0	0	
mORF_+_3149827	3149827	3149994	+	1	168	TTG	TAA	0	0	

mORF_+_3149858	3149858	3149959	+	2	102	TTG	TGA	0	0	
mORF_+_3149889	3149889	3149900	+	3	12	TTG	TGA	0	0	
mORF_+_3150008	3150008	3150046	+	2	39	GTG	TAA	0	0	
mORF_+_3150068	3150068	3150139	+	2	72	TTG	TAA	0	0	
mORF_+_3150091	3150091	3150225	+	1	135	TTG	TAG	0	0	
mORF_+_3150123	3150123	3151445	+	3	1323	TTG	TAA	34	327	pORF_+_3150123
mORF_+_3150274	3150274	3150291	+	1	18	TTG	TGA	0	0	
mORF_+_3150292	3150292	3150330	+	1	39	ATG	TAA	0	0	
mORF_+_3150364	3150364	3150375	+	1	12	TTG	TAG	0	0	
mORF_+_3150409	3150409	3150444	+	1	36	ATG	TAA	0	0	
mORF_+_3150470	3150470	3150475	+	2	6	GTG	TGA	0	0	
mORF_+_3150472	3150472	3150573	+	1	102	GTG	TGA	0	0	
mORF_+_3150589	3150589	3150639	+	1	51	ATG	TAA	0	0	
mORF_+_3150647	3150647	3150655	+	2	9	ATG	TGA	0	0	
mORF_+_3150652	3150652	3150663	+	1	12	TTG	TGA	0	0	
mORF_+_3150664	3150664	3150807	+	1	144	TTG	TGA	0	0	
mORF_+_3150829	3150829	3150915	+	1	87	GTG	TGA	0	0	
mORF_+_3150916	3150916	3150975	+	1	60	TTG	TGA	0	0	
mORF_+_3150929	3150929	3151060	+	2	132	GTG	TGA	0	0	
mORF_+_3150991	3150991	3151011	+	1	21	ATG	TAA	0	0	
mORF_+_3151018	3151018	3151035	+	1	18	GTG	TAG	0	0	
mORF_+_3151036	3151036	3151071	+	1	36	GTG	TGA	0	0	
mORF_+_3151082	3151082	3151117	+	2	36	ATG	TAA	0	0	
mORF_+_3151105	3151105	3151296	+	1	192	TTG	TGA	0	0	
mORF_+_3151274	3151274	3151288	+	2	15	GTG	TGA	0	0	
mORF_+_3151381	3151381	3151407	+	1	27	TTG	TGA	0	0	
mORF_+_3151408	3151408	3151554	+	1	147	TTG	TAA	0	0	
mORF_+_3151448	3151448	3151486	+	2	39	TTG	TGA	0	0	
mORF_+_3151467	3151467	3151496	+	3	30	TTG	TAA	0	0	
mORF_+_3151585	3151585	3152244	+	1	660	ATG	TGA	1	2	pORF_+_3151585
mORF_+_3151631	3151631	3151699	+	2	69	TTG	TAG	0	0	
mORF_+_3151766	3151766	3151810	+	2	45	TTG	TGA	0	0	
mORF_+_3151937	3151937	3152062	+	2	126	TTG	TAA	0	0	
mORF_+_3152063	3152063	3152089	+	2	27	GTG	TAA	0	0	
mORF_+_3152073	3152073	3152129	+	3	57	GTG	TAA	0	0	
mORF_+_3152096	3152096	3152110	+	2	15	TTG	TAA	0	0	
mORF_+_3152135	3152135	3152149	+	2	15	ATG	TAA	0	0	
mORF_+_3152174	3152174	3152185	+	2	12	TTG	TAA	0	0	
mORF_+_3152210	3152210	3152218	+	2	9	TTG	TGA	0	0	
mORF_+_3152264	3152264	3152287	+	2	24	TTG	TAA	0	0	
mORF_+_3152310	3152310	3152351	+	3	42	TTG	TAA	0	0	
mORF_+_3152365	3152365	3152646	+	1	282	TTG	TAA	0	0	
mORF_+_3152370	3152370	3152429	+	3	60	ATG	TGA	0	0	
mORF_+_3152414	3152414	3152458	+	2	45	ATG	TAA	0	0	
mORF_+_3152489	3152489	3152620	+	2	132	GTG	TGA	0	0	
mORF_+_3152693	3152693	3152920	+	2	228	ATG	TAG	0	0	
mORF_+_3152724	3152724	3152795	+	3	72	GTG	TAA	0	0	
mORF_+_3152824	3152824	3152862	+	1	39	ATG	TAA	0	0	
mORF_+_3152966	3152966	3152977	+	2	12	TTG	TAA	0	0	
mORF_+_3152993	3152993	3153001	+	2	9	TTG	TAA	0	0	
mORF_+_3153010	3153010	3153111	+	1	102	ATG	TGA	0	0	
mORF_+_3153029	3153029	3153292	+	2	264	ATG	TGA	0	0	
mORF_+_3153054	3153054	3153143	+	3	90	GTG	TAA	0	0	
mORF_+_3153216	3153216	3153377	+	3	162	TTG	TAA	0	0	
mORF_+_3153220	3153220	3153237	+	1	18	TTG	TAG	0	0	
mORF_+_3153289	3153289	3153390	+	1	102	TTG	TAA	0	0	
mORF_+_3153353	3153353	3154540	+	2	1188	TTG	TAA	53	612	pORF_+_3153353
mORF_+_3153417	3153417	3153476	+	3	60	TTG	TGA	0	0	
mORF_+_3153531	3153531	3153539	+	3	9	ATG	TGA	0	0	
mORF_+_3153561	3153561	3153599	+	3	39	TTG	TGA	0	0	
mORF_+_3153651	3153651	3153788	+	3	138	TTG	TGA	1	2	pORF_+_3153651
mORF_+_3153724	3153724	3153750	+	1	27	GTG	TAA	0	0	
mORF_+_3153876	3153876	3153953	+	3	78	ATG	TAG	0	0	

mORF+_3153963	3153963	3154043	+	3	81	TTG	TGA	0	0	
mORF+_3154056	3154056	3154073	+	3	18	ATG	TGA	0	0	
mORF+_3154092	3154092	3154133	+	3	42	ATG	TGA	0	0	
mORF+_3154111	3154111	3154260	+	1	150	GTG	TGA	0	0	
mORF+_3154143	3154143	3154196	+	3	54	TTG	TGA	0	0	
mORF+_3154257	3154257	3154388	+	3	132	ATG	TAG	0	0	
mORF+_3154491	3154491	3154589	+	3	99	ATG	TAA	0	0	
mORF+_3154620	3154620	3154652	+	3	33	GTG	TAA	0	0	
mORF+_3154645	3154645	3155472	+	1	828	ATG	TAA	32	178	pORF+_3154645
mORF+_3154676	3154676	3154735	+	2	60	ATG	TAA	0	0	
mORF+_3154778	3154778	3154828	+	2	51	TTG	TGA	0	0	
mORF+_3154832	3154832	3154924	+	2	93	ATG	TGA	0	0	
mORF+_3154875	3154875	3154940	+	3	66	GTG	TGA	0	0	
mORF+_3154937	3154937	3154960	+	2	24	TTG	TAA	0	0	
mORF+_3154991	3154991	3155014	+	2	24	ATG	TGA	0	0	
mORF+_3155001	3155001	3155093	+	3	93	ATG	TGA	0	0	
mORF+_3155090	3155090	3155107	+	2	18	TTG	TGA	0	0	
mORF+_3155291	3155291	3155329	+	2	39	TTG	TGA	0	0	
mORF+_3155357	3155357	3155587	+	2	231	TTG	TAA	0	0	
mORF+_3155565	3155565	3155675	+	3	111	TTG	TGA	0	0	
mORF+_3155575	3155575	3155619	+	1	45	ATG	TAA	0	0	
mORF+_3155672	3155672	3155698	+	2	927	ATG	TGA	0	0	
mORF+_3155787	3155787	3155831	+	3	45	ATG	TAA	0	0	
mORF+_3155892	3155892	3155951	+	3	60	TTG	TAG	0	0	
mORF+_3155917	3155917	3155922	+	1	6	TTG	TGA	0	0	
mORF+_3155923	3155923	3155976	+	1	54	TTG	TGA	0	0	
mORF+_3155958	3155958	3155966	+	3	9	TTG	TAA	0	0	
mORF+_3155985	3155985	3156050	+	3	66	ATG	TGA	0	0	
mORF+_3156066	3156066	3156158	+	3	93	ATG	TAG	0	0	
mORF+_3156073	3156073	3156084	+	1	12	TTG	TGA	0	0	
mORF+_3156189	3156189	3156332	+	3	144	TTG	TAG	0	0	
mORF+_3156232	3156232	3156273	+	1	42	GTG	TAA	0	0	
mORF+_3156366	3156366	3156458	+	3	93	TTG	TGA	0	0	
mORF+_3156462	3156462	3156590	+	3	129	ATG	TAA	0	0	
mORF+_3156511	3156511	3156525	+	1	15	GTG	TGA	0	0	
mORF+_3156595	3156595	3156603	+	1	9	ATG	TGA	0	0	
mORF+_3156649	3156649	3156906	+	1	258	ATG	TGA	1	0	pORF+_3156649
mORF+_3156677	3156677	3156757	+	2	81	TTG	TAA	0	0	
mORF+_3156758	3156758	3156790	+	2	33	ATG	TGA	0	0	
mORF+_3156812	3156812	3156952	+	2	141	ATG	TAA	0	0	
mORF+_3156873	3156873	3156971	+	3	99	TTG	TAG	0	0	
mORF+_3157006	3157006	3157146	+	1	141	TTG	TAA	0	0	
mORF+_3157026	3157026	3157034	+	3	9	TTG	TAG	0	0	
mORF+_3157091	3157091	3157234	+	2	144	TTG	TAA	0	0	
mORF+_3157131	3157131	3157469	+	3	339	TTG	TGA	0	0	
mORF+_3157171	3157171	3157209	+	1	39	ATG	TAA	0	0	
mORF+_3157228	3157228	3157350	+	1	123	GTG	TGA	0	0	
mORF+_3157265	3157265	3157303	+	2	39	TTG	TAA	0	0	
mORF+_3157331	3157331	3157336	+	2	6	GTG	TAA	0	0	
mORF+_3157340	3157340	3157372	+	2	33	ATG	TAG	0	0	
mORF+_3157402	3157402	3157509	+	1	108	GTG	TGA	0	0	
mORF+_3157466	3157466	3157474	+	2	9	ATG	TAG	0	0	
mORF+_3157506	3157506	3157532	+	3	27	TTG	TAA	0	0	
mORF+_3157550	3157550	3157615	+	2	66	ATG	TAA	0	0	
mORF+_3157591	3157591	3158808	+	1	1218	ATG	TAA	1	3	pORF+_3157591
mORF+_3157643	3157643	3157651	+	2	9	TTG	TAG	0	0	
mORF+_3157670	3157670	3157678	+	2	9	ATG	TAA	0	0	
mORF+_3157709	3157709	3157738	+	2	30	ATG	TAG	0	0	
mORF+_3157742	3157742	3157792	+	2	51	TTG	TAA	0	0	
mORF+_3157749	3157749	3157895	+	3	147	TTG	TAA	0	0	
mORF+_3157835	3157835	3157960	+	2	126	TTG	TGA	0	0	
mORF+_3157964	3157964	3158053	+	2	90	ATG	TAA	0	0	
mORF+_3158069	3158069	3158077	+	2	9	TTG	TAG	0	0	

mORF_+_3158085	3158085	3158135	+	3	51	GTG	TAG	0	0	
mORF_+_3158096	3158096	3158170	+	2	75	TTG	TAG	0	0	
mORF_+_3158193	3158193	3158495	+	3	303	ATG	TAA	0	0	
mORF_+_3158213	3158213	3158299	+	2	87	TTG	TAG	0	0	
mORF_+_3158345	3158345	3158650	+	2	306	TTG	TAA	0	0	
mORF_+_3158529	3158529	3158678	+	3	150	TTG	TAG	0	0	
mORF_+_3158745	3158745	3158834	+	3	90	GTG	TGA	0	0	
mORF_+_3158747	3158747	3158791	+	2	45	GTG	TAG	0	0	
mORF_+_3158831	3158831	3158998	+	2	168	TTG	TGA	0	0	
mORF_+_3158991	3158991	3159020	+	3	30	TTG	TAA	0	0	
mORF_+_3158995	3158995	3159216	+	1	222	GTG	TAA	0	0	
mORF_+_3159026	3159026	3159055	+	2	30	ATG	TGA	0	0	
mORF_+_3159087	3159087	3159161	+	3	75	GTG	TAG	0	0	
mORF_+_3159170	3159170	3159196	+	2	27	TTG	TAA	0	0	
mORF_+_3159272	3159272	3159295	+	2	24	ATG	TGA	0	0	
mORF_+_3159292	3159292	3159342	+	1	51	TTG	TGA	0	0	
mORF_+_3159303	3159303	3159731	+	3	429	TTG	TAG	0	0	
mORF_+_3159346	3159346	3159354	+	1	9	TTG	TAG	0	0	
mORF_+_3159562	3159562	3159918	+	1	357	GTG	TGA	0	0	
mORF_+_3159641	3159641	3159658	+	2	18	TTG	TGA	0	0	
mORF_+_3159665	3159665	3159697	+	2	33	TTG	TGA	0	0	
mORF_+_3159716	3159716	3159742	+	2	27	TTG	TAG	0	0	
mORF_+_3159758	3159758	3159814	+	2	57	ATG	TGA	0	0	
mORF_+_3159869	3159869	3160051	+	2	183	GTG	TAA	1	0	pORF_+_3159869
mORF_+_3159882	3159882	3159938	+	3	57	TTG	TAA	0	0	
mORF_+_3159963	3159963	3160376	+	3	414	TTG	TAG	0	0	
mORF_+_3160093	3160093	3160164	+	1	72	TTG	TAA	0	0	
mORF_+_3160168	3160168	3160233	+	1	66	TTG	TAG	0	0	
mORF_+_3160246	3160246	3160269	+	1	24	GTG	TGA	0	0	
mORF_+_3160297	3160297	3160422	+	1	126	ATG	TAA	1	13	pORF_+_3160297
mORF_+_3160310	3160310	3160426	+	2	117	GTG	TAA	0	0	
mORF_+_3160480	3160480	3160665	+	1	186	TTG	TGA	0	0	
mORF_+_3160502	3160502	3160516	+	2	15	GTG	TAA	0	0	
mORF_+_3160517	3160517	3160546	+	2	30	ATG	TAA	0	0	
mORF_+_3160524	3160524	3160577	+	3	54	GTG	TAG	0	0	
mORF_+_3160596	3160596	3160688	+	3	93	TTG	TGA	0	0	
mORF_+_3160646	3160646	3160669	+	2	24	GTG	TGA	0	0	
mORF_+_3160666	3160666	3160674	+	1	9	ATG	TGA	0	0	
mORF_+_3160685	3160685	3161035	+	2	351	GTG	TAG	0	0	
mORF_+_3160701	3160701	3160706	+	3	6	ATG	TAA	0	0	
mORF_+_3160726	3160726	3160887	+	1	162	GTG	TGA	0	0	
mORF_+_3160758	3160758	3160769	+	3	12	TTG	TAA	0	0	
mORF_+_3160872	3160872	3160883	+	3	12	TTG	TGA	0	0	
mORF_+_3160894	3160894	3160941	+	1	48	TTG	TAA	0	0	
mORF_+_3160926	3160926	3161012	+	3	87	TTG	TGA	0	0	
mORF_+_3160960	3160960	3160965	+	1	6	TTG	TAG	0	0	
mORF_+_3161002	3161002	3161028	+	1	27	TTG	TGA	0	0	
mORF_+_3161025	3161025	3161105	+	3	81	TTG	TGA	0	0	
mORF_+_3161102	3161102	3161164	+	2	63	GTG	TAA	0	0	
mORF_+_3161121	3161121	3161132	+	3	12	ATG	TGA	0	0	
mORF_+_3161139	3161139	3161276	+	3	138	GTG	TAG	0	0	
mORF_+_3161243	3161243	3161458	+	2	216	TTG	TAA	0	0	
mORF_+_3161257	3161257	3161292	+	1	36	ATG	TAG	0	0	
mORF_+_3161277	3161277	3161300	+	3	24	TTG	TAG	0	0	
mORF_+_3161307	3161307	3161315	+	3	9	TTG	TAG	0	0	
mORF_+_3161394	3161394	3161435	+	3	42	GTG	TAA	0	0	
mORF_+_3161436	3161436	3161468	+	3	33	ATG	TAA	0	0	
mORF_+_3161534	3161534	3161548	+	2	15	TTG	TGA	0	0	
mORF_+_3161564	3161564	3161617	+	2	54	TTG	TAA	0	0	
mORF_+_3161610	3161610	3161846	+	3	237	ATG	TGA	0	0	
mORF_+_3161671	3161671	3161682	+	1	12	ATG	TAA	0	0	
mORF_+_3161701	3161701	3161856	+	1	156	TTG	TAA	0	0	
mORF_+_3161843	3161843	3161896	+	2	54	GTG	TGA	0	0	

mORF+_3161893	3161893	3162126	+	1	234	ATG	TAA	0	0
mORF+_3161897	3161897	3162055	+	2	159	ATG	TGA	0	0
mORF+_3161970	3161970	3161981	+	3	12	ATG	TGA	0	0
mORF+_3162056	3162056	3162193	+	2	138	GTG	TAA	0	0
mORF+_3162060	3162060	3162107	+	3	48	TTG	TAA	0	0
mORF+_3162244	3162244	3162276	+	1	33	ATG	TAA	0	0
mORF+_3162278	3162278	3162301	+	2	24	TTG	TGA	0	0
mORF+_3162332	3162332	3162340	+	2	9	ATG	TAG	0	0
mORF+_3162350	3162350	3162424	+	2	75	GTG	TAA	0	0
mORF+_3162373	3162373	3163212	+	1	840	TTG	TGA	0	0
mORF+_3162491	3162491	3162583	+	2	93	ATG	TAG	0	0
mORF+_3162647	3162647	3162727	+	2	81	ATG	TGA	0	0
mORF+_3162818	3162818	3162907	+	2	90	ATG	TAG	0	0
mORF+_3163040	3163040	3163069	+	2	30	GTG	TGA	0	0
mORF+_3163085	3163085	3163219	+	2	135	TTG	TGA	0	0
mORF+_3163219	3163219	3163284	+	1	66	ATG	TGA	0	0
mORF+_3163227	3163227	3163235	+	3	9	ATG	TGA	0	0
mORF+_3163328	3163328	3163354	+	2	27	GTG	TAA	0	0
mORF+_3163391	3163391	3163429	+	2	39	GTG	TGA	0	0
mORF+_3163413	3163413	3163499	+	3	87	ATG	TAA	0	0
mORF+_3163447	3163447	3163527	+	1	81	ATG	TAG	0	0
mORF+_3163469	3163469	3163639	+	2	171	ATG	TAA	0	0
mORF+_3163509	3163509	3163817	+	3	309	TTG	TAA	0	0
mORF+_3163723	3163723	3163941	+	1	219	TTG	TAA	0	0
mORF+_3163820	3163820	3163873	+	2	54	TTG	TGA	0	0
mORF+_3163916	3163916	3163936	+	2	21	ATG	TAG	0	0
mORF+_3163963	3163963	3163968	+	1	6	ATG	TAG	0	0
mORF+_3164042	3164042	3164098	+	2	57	TTG	TAG	0	0
mORF+_3164091	3164091	3164228	+	3	138	GTG	TAA	0	0
mORF+_3164110	3164110	3164127	+	1	18	GTG	TAA	0	0
mORF+_3164138	3164138	3164146	+	2	9	GTG	TGA	0	0
mORF+_3164143	3164143	3164166	+	1	24	TTG	TAG	0	0
mORF+_3164221	3164221	3164235	+	1	15	TTG	TGA	0	0
mORF+_3164255	3164255	3164269	+	2	15	GTG	TGA	0	0
mORF+_3164262	3164262	3164339	+	3	78	TTG	TAG	0	0
mORF+_3164266	3164266	3164289	+	1	24	TTG	TGA	0	0
mORF+_3164306	3164306	3164320	+	2	15	TTG	TGA	0	0
mORF+_3164317	3164317	3164370	+	1	54	GTG	TGA	0	0
mORF+_3164367	3164367	3164612	+	3	246	GTG	TAG	0	0
mORF+_3164395	3164395	3164490	+	1	96	TTG	TAG	0	0
mORF+_3164504	3164504	3164713	+	2	210	TTG	TAA	0	0
mORF+_3164506	3164506	3164595	+	1	90	GTG	TAG	0	0
mORF+_3164616	3164616	3164807	+	3	192	ATG	TAG	0	0
mORF+_3164740	3164740	3164862	+	1	123	GTG	TAA	0	0
mORF+_3164744	3164744	3164782	+	2	39	TTG	TAA	0	0
mORF+_3164834	3164834	3164854	+	2	21	ATG	TGA	0	0
mORF+_3164906	3164906	3164950	+	2	45	GTG	TGA	0	0
mORF+_3164917	3164917	3164973	+	1	57	ATG	TAG	0	0
mORF+_3164928	3164928	3165002	+	3	75	TTG	TAG	0	0
mORF+_3164986	3164986	3165096	+	1	111	GTG	TGA	0	0
mORF+_3165021	3165021	3165722	+	3	702	TTG	TAA	0	0
mORF+_3165053	3165053	3165073	+	2	21	TTG	TAA	0	0
mORF+_3165115	3165115	3165120	+	1	6	TTG	TAA	0	0
mORF+_3165124	3165124	3165171	+	1	48	ATG	TGA	0	0
mORF+_3165211	3165211	3165345	+	1	135	GTG	TAG	0	0
mORF+_3165281	3165281	3165286	+	2	6	ATG	TAA	0	0
mORF+_3165335	3165335	3165712	+	2	378	GTG	TGA	0	0
mORF+_3165469	3165469	3165504	+	1	36	TTG	TGA	0	0
mORF+_3165625	3165625	3165633	+	1	9	TTG	TAA	0	0
mORF+_3165661	3165661	3165687	+	1	27	GTG	TAG	0	0
mORF+_3165739	3165739	3165876	+	1	138	ATG	TAA	0	0
mORF+_3165786	3165786	3165818	+	3	33	GTG	TGA	0	0
mORF+_3165815	3165815	3165838	+	2	24	GTG	TAA	0	0

mORF+_3165852	3165852	3165872	+	3	21	TTG	TAA	0	0	
mORF+_3165900	3165900	3165920	+	3	21	ATG	TAA	0	0	
mORF+_3165925	3165925	3165942	+	1	18	TTG	TGA	0	0	
mORF+_3165929	3165929	3166021	+	2	93	TTG	TAA	0	0	
mORF+_3165939	3165939	3166121	+	3	183	ATG	TGA	0	0	
mORF+_3165952	3165952	3165966	+	1	15	TTG	TAA	0	0	
mORF+_3166058	3166058	3166111	+	2	54	GTG	TGA	0	0	
mORF+_3166108	3166108	3166419	+	1	312	ATG	TGA	0	0	
mORF+_3166152	3166152	3166166	+	3	15	ATG	TAA	0	0	
mORF+_3166170	3166170	3166283	+	3	114	GTG	TAA	0	0	
mORF+_3166211	3166211	3166225	+	2	15	ATG	TAA	0	0	
mORF+_3166388	3166388	3166405	+	2	18	GTG	TAA	0	0	
mORF+_3166427	3166427	3166534	+	2	108	ATG	TGA	0	0	
mORF+_3166491	3166491	3166517	+	3	27	GTG	TGA	0	0	
mORF+_3166504	3166504	3166602	+	1	99	TTG	TAA	0	0	
mORF+_3166542	3166542	3166568	+	3	27	GTG	TAA	0	0	
mORF+_3166553	3166553	3166591	+	2	39	GTG	TAG	0	0	
mORF+_3166619	3166619	3166642	+	2	24	ATG	TAG	0	0	
mORF+_3166647	3166647	3166685	+	3	39	ATG	TAA	0	0	
mORF+_3166660	3166660	3166698	+	1	39	GTG	TGA	0	0	
mORF+_3166691	3166691	3166789	+	2	99	GTG	TAA	0	0	
mORF+_3166695	3166695	3166706	+	3	12	TTG	TAA	0	0	
mORF+_3166711	3166711	3166722	+	1	12	GTG	TAG	0	0	
mORF+_3166832	3166832	3166840	+	2	9	TTG	TAG	0	0	
mORF+_3166840	3166840	3166920	+	1	81	GTG	TGA	0	0	
mORF+_3166854	3166854	3166901	+	3	48	GTG	TGA	0	0	
mORF+_3166898	3166898	3166960	+	2	63	ATG	TAA	0	0	
mORF+_3166917	3166917	3166973	+	3	57	GTG	TAA	0	0	
mORF+_3166942	3166942	3167211	+	1	270	GTG	TGA	0	0	
mORF+_3166982	3166982	3166996	+	2	15	TTG	TAA	0	0	
mORF+_3167055	3167055	3167108	+	3	54	GTG	TAA	0	0	
mORF+_3167060	3167060	3167161	+	2	102	GTG	TAG	0	0	
mORF+_3167162	3167162	3167302	+	2	141	TTG	TAA	0	0	
mORF+_3167208	3167208	3167225	+	3	18	TTG	TAA	0	0	
mORF+_3167238	3167238	3167378	+	3	141	GTG	TGA	0	0	
mORF+_3167424	3167424	3167474	+	3	51	TTG	TAG	0	0	
mORF+_3167426	3167426	3167716	+	2	291	GTG	TAA	0	0	
mORF+_3167487	3167487	3167597	+	3	111	ATG	TGA	0	0	
mORF+_3167542	3167542	3167745	+	1	204	TTG	TAG	0	0	
mORF+_3167697	3167697	3167783	+	3	87	ATG	TAG	0	0	
mORF+_3167783	3167783	3167845	+	2	63	GTG	TGA	0	0	
mORF+_3167842	3167842	3167865	+	1	24	ATG	TGA	0	0	
mORF+_3167850	3167850	3168509	+	3	660	ATG	TGA	0	0	
mORF+_3167872	3167872	3167883	+	1	12	ATG	TGA	0	0	
mORF+_3167884	3167884	3167994	+	1	111	TTG	TGA	0	0	
mORF+_3168022	3168022	3168078	+	1	57	ATG	TGA	0	0	
mORF+_3168044	3168044	3168067	+	2	24	ATG	TGA	0	0	
mORF+_3168094	3168094	3168114	+	1	21	ATG	TAG	0	0	
mORF+_3168146	3168146	3168151	+	2	6	GTG	TAA	0	0	
mORF+_3168157	3168157	3168165	+	1	9	TTG	TGA	0	0	
mORF+_3168313	3168313	3168333	+	1	21	TTG	TGA	0	0	
mORF+_3168370	3168370	3168498	+	1	129	TTG	TAG	0	0	
mORF+_3168499	3168499	3168528	+	1	30	GTG	TAG	0	0	
mORF+_3168506	3168506	3169855	+	2	1350	ATG	TAA	1	2	pORF+_3168506
mORF+_3168594	3168594	3168650	+	3	57	TTG	TGA	0	0	
mORF+_3168657	3168657	3168671	+	3	15	TTG	TAA	0	0	
mORF+_3168744	3168744	3168764	+	3	21	ATG	TGA	0	0	
mORF+_3168768	3168768	3168908	+	3	141	TTG	TGA	0	0	
mORF+_3168889	3168889	3168918	+	1	30	TTG	TGA	0	0	
mORF+_3168918	3168918	3168998	+	3	81	ATG	TGA	0	0	
mORF+_3168949	3168949	3168963	+	1	15	ATG	TGA	0	0	
mORF+_3169003	3169003	3169059	+	1	57	GTG	TGA	0	0	
mORF+_3169056	3169056	3169073	+	3	18	GTG	TGA	0	0	

mORF_+_3169101	3169101	3169127	+	3	27	GTG	TAA	0	0	
mORF_+_3169164	3169164	3169175	+	3	12	TTG	TAA	0	0	
mORF_+_3169197	3169197	3169205	+	3	9	ATG	TGA	0	0	
mORF_+_3169212	3169212	3169262	+	3	51	GTG	TAA	0	0	
mORF_+_3169287	3169287	3169469	+	3	183	TTG	TGA	0	0	
mORF_+_3169503	3169503	3169517	+	3	15	TTG	TGA	0	0	
mORF_+_3169524	3169524	3169565	+	3	42	ATG	TAA	0	0	
mORF_+_3169641	3169641	3169661	+	3	21	ATG	TGA	0	0	
mORF_+_3169677	3169677	3169682	+	3	6	GTG	TGA	0	0	
mORF_+_3169704	3169704	3169799	+	3	96	TTG	TGA	0	0	
mORF_+_3169800	3169800	3169847	+	3	48	ATG	TAA	0	0	
mORF_+_3169867	3169867	3169917	+	1	51	ATG	TAA	0	0	
mORF_+_3170032	3170032	3170040	+	1	9	GTG	TAA	0	0	
mORF_+_3170050	3170050	3170148	+	1	99	ATG	TGA	0	0	
mORF_+_3170066	3170066	3170089	+	2	24	TTG	TGA	0	0	
mORF_+_3170145	3170145	3170177	+	3	33	TTG	TAA	0	0	
mORF_+_3170197	3170197	3170217	+	1	21	ATG	TAA	0	0	
mORF_+_3170274	3170274	3170285	+	3	12	ATG	TGA	0	0	
mORF_+_3170282	3170282	3170371	+	2	90	TTG	TAA	0	0	
mORF_+_3170347	3170347	3170352	+	1	6	GTG	TAA	0	0	
mORF_+_3170362	3170362	3170433	+	1	72	GTG	TGA	0	0	
mORF_+_3170384	3170384	3170443	+	2	60	ATG	TAA	0	0	
mORF_+_3170397	3170397	3170555	+	3	159	TTG	TGA	0	0	
mORF_+_3170539	3170539	3170664	+	1	126	TTG	TGA	0	0	
mORF_+_3170552	3170552	3171133	+	2	582	ATG	TAA	19	55	pORF_+_3170552
mORF_+_3170601	3170601	3170612	+	3	12	ATG	TGA	0	0	
mORF_+_3170637	3170637	3170741	+	3	105	ATG	TGA	0	0	
mORF_+_3170761	3170761	3170799	+	1	39	GTG	TGA	0	0	
mORF_+_3170796	3170796	3170921	+	3	126	TTG	TGA	0	0	
mORF_+_3170976	3170976	3171065	+	3	90	TTG	TGA	0	0	
mORF_+_3171078	3171078	3171137	+	3	60	ATG	TAG	0	0	
mORF_+_3171164	3171164	3171478	+	2	315	ATG	TAA	11	319	pORF_+_3171164
mORF_+_3171234	3171234	3171260	+	3	27	TTG	TGA	0	0	
mORF_+_3171271	3171271	3171354	+	1	84	TTG	TGA	0	0	
mORF_+_3171282	3171282	3171314	+	3	33	ATG	TGA	0	0	
mORF_+_3171351	3171351	3171407	+	3	57	TTG	TGA	0	0	
mORF_+_3171358	3171358	3171381	+	1	24	GTG	TGA	0	0	
mORF_+_3171432	3171432	3171449	+	3	18	GTG	TGA	0	0	
mORF_+_3171486	3171486	3171506	+	3	21	TTG	TGA	0	0	
mORF_+_3171490	3171490	3171768	+	1	279	TTG	TAA	0	0	
mORF_+_3171545	3171545	3171631	+	2	87	ATG	TGA	0	0	
mORF_+_3171671	3171671	3171811	+	2	141	GTG	TAA	0	0	
mORF_+_3171769	3171769	3172458	+	1	690	TTG	TGA	0	0	
mORF_+_3171846	3171846	3172085	+	3	240	GTG	TAA	0	0	
mORF_+_3171920	3171920	3171976	+	2	57	GTG	TAA	0	0	
mORF_+_3172079	3172079	3172117	+	2	39	GTG	TGA	0	0	
mORF_+_3172101	3172101	3172109	+	3	9	GTG	TGA	0	0	
mORF_+_3172139	3172139	3172333	+	2	195	TTG	TGA	1	9	pORF_+_3172139
mORF_+_3172386	3172386	3172580	+	3	195	ATG	TAA	0	0	
mORF_+_3172523	3172523	3172567	+	2	45	TTG	TGA	0	0	
mORF_+_3172582	3172582	3172662	+	1	81	ATG	TAG	0	0	
mORF_+_3172602	3172602	3172610	+	3	9	TTG	TAA	0	0	
mORF_+_3172613	3172613	3172621	+	2	9	TTG	TAG	0	0	
mORF_+_3172786	3172786	3172875	+	1	90	TTG	TGA	0	0	
mORF_+_3172796	3172796	3173011	+	2	216	TTG	TAA	0	0	
mORF_+_3172872	3172872	3173036	+	3	165	GTG	TAA	0	0	
mORF_+_3172921	3172921	3172971	+	1	51	GTG	TAA	0	0	
mORF_+_3173083	3173083	3173226	+	1	144	ATG	TAA	0	0	
mORF_+_3173111	3173111	3173185	+	2	75	TTG	TGA	0	0	
mORF_+_3173239	3173239	3173244	+	1	6	ATG	TAA	0	0	
mORF_+_3173262	3173262	3173303	+	3	42	TTG	TGA	0	0	
mORF_+_3173266	3173266	3173430	+	1	165	GTG	TAG	0	0	
mORF_+_3173300	3173300	3173407	+	2	108	ATG	TAA	0	0	

mORF_+_3173417	3173417	3173425	+	2	9	ATG	TAA	0	0	
mORF_+_3173440	3173440	3173487	+	1	48	TTG	TGA	0	0	
mORF_+_3173453	3173453	3173674	+	2	222	ATG	TGA	0	0	
mORF_+_3173484	3173484	3173492	+	3	9	TTG	TAA	0	0	
mORF_+_3173505	3173505	3173555	+	3	51	GTG	TAG	0	0	
mORF_+_3173509	3173509	3173532	+	1	24	ATG	TGA	0	0	
mORF_+_3173646	3173646	3173663	+	3	18	ATG	TAA	0	0	
mORF_+_3173671	3173671	3173784	+	1	114	GTG	TAA	0	0	
mORF_+_3173687	3173687	3173794	+	2	108	TTG	TGA	0	0	
mORF_+_3173697	3173697	3173702	+	3	6	GTG	TAG	0	0	
mORF_+_3173791	3173791	3173922	+	1	132	GTG	TGA	0	0	
mORF_+_3173802	3173802	3173810	+	3	9	GTG	TAA	0	0	
mORF_+_3173855	3173855	3173965	+	2	111	ATG	TAA	0	0	
mORF_+_3173868	3173868	3173942	+	3	75	ATG	TGA	0	0	
mORF_+_3173977	3173977	3174000	+	1	24	TTG	TGA	0	0	
mORF_+_3173997	3173997	3174014	+	3	18	TTG	TAA	0	0	
mORF_+_3174005	3174005	3174010	+	2	6	GTG	TAA	0	0	
mORF_+_3174055	3174055	3174114	+	1	60	TTG	TAA	0	0	
mORF_+_3174063	3174063	3174155	+	3	93	GTG	TAA	0	0	
mORF_+_3174065	3174065	3174241	+	2	177	GTG	TGA	1	3	pORF_+_3174065
mORF_+_3174166	3174166	3174354	+	1	189	GTG	TAG	0	0	
mORF_+_3174198	3174198	3174269	+	3	72	TTG	TGA	0	0	
mORF_+_3174266	3174266	3174328	+	2	63	TTG	TGA	0	0	
mORF_+_3174358	3174358	3174543	+	1	186	ATG	TAA	0	0	
mORF_+_3174571	3174571	3174663	+	1	93	GTG	TAA	0	0	
mORF_+_3174575	3174575	3174634	+	2	60	TTG	TGA	0	0	
mORF_+_3174609	3174609	3174797	+	3	189	TTG	TAA	0	0	
mORF_+_3174694	3174694	3174756	+	1	63	GTG	TAA	0	0	
mORF_+_3174743	3174743	3174787	+	2	45	GTG	TGA	0	0	
mORF_+_3174766	3174766	3174804	+	1	39	GTG	TAA	0	0	
mORF_+_3174788	3174788	3174868	+	2	81	GTG	TAG	0	0	
mORF_+_3174856	3174856	3174915	+	1	60	ATG	TAA	0	0	
mORF_+_3174909	3174909	3174950	+	3	42	GTG	TAA	0	0	
mORF_+_3174952	3174952	3175032	+	1	81	TTG	TGA	0	0	
mORF_+_3175007	3175007	3175060	+	2	54	TTG	TGA	0	0	
mORF_+_3175029	3175029	3175100	+	3	72	TTG	TGA	0	0	
mORF_+_3175057	3175057	3175080	+	1	24	ATG	TGA	0	0	
mORF_+_3175122	3175122	3175136	+	3	15	TTG	TAG	0	0	
mORF_+_3175136	3175136	3175189	+	2	54	GTG	TGA	0	0	
mORF_+_3175171	3175171	3175227	+	1	57	TTG	TAA	0	0	
mORF_+_3175173	3175173	3175361	+	3	189	GTG	TGA	0	0	
mORF_+_3175217	3175217	3175294	+	2	78	TTG	TAA	0	0	
mORF_+_3175240	3175240	3175245	+	1	6	TTG	TGA	0	0	
mORF_+_3175327	3175327	3175509	+	1	183	TTG	TGA	0	0	
mORF_+_3175358	3175358	3175429	+	2	72	ATG	TGA	0	0	
mORF_+_3175404	3175404	3175505	+	3	102	ATG	TAA	0	0	
mORF_+_3175481	3175481	3175762	+	2	282	GTG	TGA	0	0	
mORF_+_3175506	3175506	3175571	+	3	66	TTG	TGA	0	0	
mORF_+_3175759	3175759	3175815	+	1	57	GTG	TAG	0	0	
mORF_+_3175808	3175808	3175822	+	2	15	TTG	TGA	0	0	
mORF_+_3175819	3175819	3175842	+	1	24	ATG	TAA	0	0	
mORF_+_3175842	3175842	3175880	+	3	39	ATG	TAA	0	0	
mORF_+_3175895	3175895	3175963	+	2	69	TTG	TAA	0	0	
mORF_+_3175902	3175902	3175907	+	3	6	ATG	TAA	0	0	
mORF_+_3175932	3175932	3175952	+	3	21	TTG	TAA	0	0	
mORF_+_3175964	3175964	3175969	+	2	6	ATG	TGA	0	0	
mORF_+_3175966	3175966	3175986	+	1	21	GTG	TGA	0	0	
mORF_+_3175983	3175983	3175997	+	3	15	TTG	TGA	0	0	
mORF_+_3175994	3175994	3176017	+	2	24	TTG	TGA	0	0	
mORF_+_3176004	3176004	3176012	+	3	9	ATG	TAA	0	0	
mORF_+_3176014	3176014	3176076	+	1	63	TTG	TAG	0	0	
mORF_+_3176034	3176034	3176063	+	3	30	ATG	TAG	0	0	
mORF_+_3176098	3176098	3177618	+	1	1521	TTG	TGA	77	1794	pORF_+_3176098

mORF_+_3176273	3176273	3176329	+	2	57	GTG	TAG	0	0	
mORF_+_3176336	3176336	3176416	+	2	81	GTG	TAA	0	0	
mORF_+_3176429	3176429	3176455	+	2	27	TTG	TAA	0	0	
mORF_+_3176442	3176442	3176564	+	3	123	ATG	TGA	0	0	
mORF_+_3176555	3176555	3176614	+	2	60	ATG	TAG	0	0	
mORF_+_3176726	3176726	3176740	+	2	15	TTG	TAG	0	0	
mORF_+_3176792	3176792	3176842	+	2	51	ATG	TGA	0	0	
mORF_+_3176927	3176927	3176953	+	2	27	ATG	TAA	0	0	
mORF_+_3177002	3177002	3177061	+	2	60	GTG	TGA	0	0	
mORF_+_3177128	3177128	3177247	+	2	120	TTG	TAG	0	0	
mORF_+_3177308	3177308	3177385	+	2	78	TTG	TGA	0	0	
mORF_+_3177452	3177452	3177460	+	2	9	ATG	TGA	0	0	
mORF_+_3177491	3177491	3177664	+	2	174	TTG	TAA	0	0	
mORF_+_3177618	3177618	3177878	+	3	261	ATG	TGA	0	0	
mORF_+_3177733	3177733	3178437	+	1	705	ATG	TGA	9	41	pORF_+_3177733
mORF_+_3177848	3177848	3177982	+	2	135	TTG	TGA	0	0	
mORF_+_3177954	3177954	3178022	+	3	69	ATG	TGA	0	0	
mORF_+_3178019	3178019	3178141	+	2	123	GTG	TGA	0	0	
mORF_+_3178053	3178053	3178241	+	3	189	GTG	TAA	0	0	
mORF_+_3178187	3178187	3178297	+	2	111	TTG	TGA	0	0	
mORF_+_3178352	3178352	3178483	+	2	132	GTG	TGA	0	0	
mORF_+_3178443	3178443	3179603	+	3	1161	ATG	TAA	7	24	pORF_+_3178443
mORF_+_3178480	3178480	3178563	+	1	84	GTG	TGA	0	0	
mORF_+_3178538	3178538	3178543	+	2	6	GTG	TGA	0	0	
mORF_+_3178576	3178576	3178623	+	1	48	TTG	TGA	0	0	
mORF_+_3178616	3178616	3178654	+	2	39	GTG	TGA	0	0	
mORF_+_3178651	3178651	3178659	+	1	9	ATG	TGA	0	0	
mORF_+_3178696	3178696	3178716	+	1	21	TTG	TGA	0	0	
mORF_+_3178709	3178709	3178747	+	2	39	ATG	TGA	0	0	
mORF_+_3178744	3178744	3178917	+	1	174	TTG	TGA	0	0	
mORF_+_3178754	3178754	3178771	+	2	18	GTG	TGA	0	0	
mORF_+_3178835	3178835	3178861	+	2	27	GTG	TAA	0	0	
mORF_+_3178930	3178930	3179082	+	1	153	TTG	TAG	0	0	
mORF_+_3179083	3179083	3179121	+	1	39	GTG	TAA	0	0	
mORF_+_3179147	3179147	3179167	+	2	21	GTG	TGA	0	0	
mORF_+_3179164	3179164	3179442	+	1	279	GTG	TGA	0	0	
mORF_+_3179219	3179219	3179317	+	2	99	GTG	TGA	0	0	
mORF_+_3179443	3179443	3179493	+	1	51	TTG	TGA	0	0	
mORF_+_3179494	3179494	3179511	+	1	18	TTG	TGA	0	0	
mORF_+_3179530	3179530	3179556	+	1	27	TTG	TGA	0	0	
mORF_+_3179593	3179593	3179637	+	1	45	TTG	TAA	0	0	
mORF_+_3179638	3179638	3179733	+	1	96	TTG	TAA	0	0	
mORF_+_3179699	3179699	3179755	+	2	57	ATG	TAA	0	0	
mORF_+_3179706	3179706	3179867	+	3	162	TTG	TAA	2	74	pORF_+_3179706
mORF_+_3179755	3179755	3179778	+	1	24	ATG	TAA	0	0	
mORF_+_3179780	3179780	3179803	+	2	24	GTG	TAA	0	0	
mORF_+_3179791	3179791	3179892	+	1	102	ATG	TGA	0	0	
mORF_+_3179889	3179889	3180074	+	3	186	GTG	TAA	0	0	
mORF_+_3179902	3179902	3180144	+	1	243	GTG	TAA	1	2	pORF_+_3179902
mORF_+_3179915	3179915	3180193	+	2	279	GTG	TAA	0	0	
mORF_+_3180162	3180162	3180281	+	3	120	GTG	TAA	0	0	
mORF_+_3180193	3180193	3180399	+	1	207	ATG	TAA	0	0	
mORF_+_3180239	3180239	3180289	+	2	51	GTG	TGA	0	0	
mORF_+_3180318	3180318	3180431	+	3	114	GTG	TGA	0	0	
mORF_+_3180428	3180428	3180493	+	2	66	ATG	TAA	0	0	
mORF_+_3180450	3180450	3180461	+	3	12	GTG	TGA	0	0	
mORF_+_3180478	3180478	3180561	+	1	84	TTG	TAA	0	0	
mORF_+_3180530	3180530	3181345	+	2	816	TTG	TAA	1	2	pORF_+_3180530
mORF_+_3180621	3180621	3180683	+	3	63	TTG	TAG	0	0	
mORF_+_3180687	3180687	3180719	+	3	33	TTG	TAA	0	0	
mORF_+_3180774	3180774	3180851	+	3	78	ATG	TAA	0	0	
mORF_+_3180945	3180945	3181109	+	3	165	TTG	TAG	0	0	
mORF_+_3181087	3181087	3181152	+	1	66	GTG	TAG	0	0	

mORF+_3181119	3181119	3181142	+	3	24	TTG	TAA	0	0	
mORF+_3181194	3181194	3181232	+	3	39	TTG	TAA	0	0	
mORF+_3181251	3181251	3181301	+	3	51	TTG	TGA	0	0	
mORF+_3181285	3181285	3181569	+	1	285	ATG	TAA	0	0	
mORF+_3181338	3181338	3181502	+	3	165	TTG	TAA	0	0	
mORF+_3181361	3181361	3181444	+	2	84	TTG	TAA	0	0	
mORF+_3181511	3181511	3181594	+	2	84	ATG	TAA	0	0	
mORF+_3181650	3181650	3181661	+	3	12	ATG	TAA	0	0	
mORF+_3181677	3181677	3181709	+	3	33	ATG	TGA	0	0	
mORF+_3181702	3181702	3181731	+	1	30	ATG	TAG	0	0	
mORF+_3181715	3181715	3181774	+	2	60	ATG	TAA	0	0	
mORF+_3181804	3181804	3181824	+	1	21	TTG	TAA	0	0	
mORF+_3181853	3181853	3182104	+	2	252	ATG	TGA	0	0	
mORF+_3181855	3181855	3181887	+	1	33	GTG	TAG	0	0	
mORF+_3181902	3181902	3182033	+	3	132	TTG	TGA	0	0	
mORF+_3181933	3181933	3181962	+	1	30	GTG	TAG	0	0	
mORF+_3182020	3182020	3182145	+	1	126	TTG	TAA	0	0	
mORF+_3182193	3182193	3182219	+	3	27	ATG	TAG	0	0	
mORF+_3182226	3182226	3182483	+	3	258	GTG	TGA	0	0	
mORF+_3182245	3182245	3182280	+	1	36	TTG	TAA	0	0	
mORF+_3182258	3182258	3182476	+	2	219	TTG	TAG	0	0	
mORF+_3182431	3182431	3182493	+	1	63	GTG	TAA	0	0	
mORF+_3182487	3182487	3182507	+	3	21	ATG	TAA	0	0	
mORF+_3182512	3182512	3182658	+	1	147	ATG	TGA	0	0	
mORF+_3182655	3182655	3182693	+	3	39	TTG	TGA	0	0	
mORF+_3182695	3182695	3182766	+	1	72	TTG	TAG	0	0	
mORF+_3182709	3182709	3182732	+	3	24	GTG	TGA	0	0	
mORF+_3182759	3182759	3182782	+	2	24	ATG	TAG	0	0	
mORF+_3182802	3182802	3183152	+	3	351	ATG	TAA	8	103	pORF+_3182802
mORF+_3182866	3182866	3182985	+	1	120	TTG	TGA	0	0	
mORF+_3182998	3182998	3183003	+	1	6	TTG	TAA	0	0	
mORF+_3183007	3183007	3183183	+	1	177	GTG	TGA	0	0	
mORF+_3183180	3183180	3183188	+	3	9	ATG	TAA	0	0	
mORF+_3183203	3183203	3183271	+	2	69	GTG	TGA	0	0	
mORF+_3183258	3183258	3183308	+	3	51	ATG	TAA	0	0	
mORF+_3183268	3183268	3183279	+	1	12	TTG	TAA	0	0	
mORF+_3183280	3183280	3183297	+	1	18	TTG	TAA	0	0	
mORF+_3183365	3183365	3183382	+	2	18	ATG	TAA	0	0	
mORF+_3183436	3183436	3183987	+	1	552	ATG	TAA	1	4	pORF+_3183436
mORF+_3183461	3183461	3183475	+	2	15	TTG	TAG	0	0	
mORF+_3183500	3183500	3183586	+	2	87	TTG	TAA	0	0	
mORF+_3183555	3183555	3183566	+	3	12	ATG	TAA	0	0	
mORF+_3183599	3183599	3183607	+	2	9	GTG	TAG	0	0	
mORF+_3183689	3183689	3183742	+	2	54	GTG	TGA	0	0	
mORF+_3183803	3183803	3183841	+	2	39	TTG	TAA	0	0	
mORF+_3183932	3183932	3184054	+	2	123	ATG	TAA	0	0	
mORF+_3183994	3183994	3184023	+	1	30	TTG	TAA	0	0	
mORF+_3184038	3184038	3184133	+	3	96	GTG	TGA	0	0	
mORF+_3184100	3184100	3184120	+	2	21	TTG	TAG	0	0	
mORF+_3184164	3184164	3184574	+	3	411	GTG	TAA	0	0	
mORF+_3184198	3184198	3184212	+	1	15	TTG	TGA	0	0	
mORF+_3184213	3184213	3184224	+	1	12	TTG	TAG	0	0	
mORF+_3184270	3184270	3184299	+	1	30	TTG	TGA	0	0	
mORF+_3184312	3184312	3184332	+	1	21	TTG	TAG	0	0	
mORF+_3184408	3184408	3184440	+	1	33	TTG	TGA	0	0	
mORF+_3184489	3184489	3184539	+	1	51	ATG	TAG	0	0	
mORF+_3184532	3184532	3184537	+	2	906	GTG	TAG	0	0	
mORF+_3184564	3184564	3184641	+	1	78	ATG	TGA	0	0	
mORF+_3184605	3184605	3184898	+	3	294	GTG	TGA	0	0	
mORF+_3184744	3184744	3184776	+	1	33	ATG	TGA	0	0	
mORF+_3184915	3184915	3184926	+	1	12	ATG	TGA	0	0	
mORF+_3184944	3184944	3185120	+	3	177	GTG	TGA	0	0	
mORF+_3185113	3185113	3185127	+	1	15	GTG	TAA	0	0	

mORF_+_3185127	3185127	3185228	+	3	102	ATG	TAG	0	0
mORF_+_3185134	3185134	3185148	+	1	15	ATG	TAA	0	0
mORF_+_3185256	3185256	3185294	+	3	39	GTG	TAA	0	0
mORF_+_3185310	3185310	3185411	+	3	102	TTG	TAA	0	0
mORF_+_3185338	3185338	3185352	+	1	15	ATG	TAG	0	0
mORF_+_3185398	3185398	3185403	+	1	6	TTG	TAA	0	0
mORF_+_3185412	3185412	3185486	+	3	75	GTG	TGA	0	0
mORF_+_3185422	3185422	3187887	+	1	2466	ATG	TAA	0	0
mORF_+_3185459	3185459	3185503	+	2	45	TTG	TAA	0	0
mORF_+_3185519	3185519	3185584	+	2	66	GTG	TAA	0	0
mORF_+_3185621	3185621	3185641	+	2	21	TTG	TAA	0	0
mORF_+_3185631	3185631	3185645	+	3	15	ATG	TGA	0	0
mORF_+_3185642	3185642	3185668	+	2	27	TTG	TGA	0	0
mORF_+_3185661	3185661	3185702	+	3	42	TTG	TGA	0	0
mORF_+_3185702	3185702	3185734	+	2	33	ATG	TGA	0	0
mORF_+_3185738	3185738	3185833	+	2	96	ATG	TAA	0	0
mORF_+_3185742	3185742	3185789	+	3	48	TTG	TAA	0	0
mORF_+_3185826	3185826	3185864	+	3	39	ATG	TGA	0	0
mORF_+_3185843	3185843	3185959	+	2	117	ATG	TAA	0	0
mORF_+_3185868	3185868	3185900	+	3	33	TTG	TGA	0	0
mORF_+_3185966	3185966	3186106	+	2	141	ATG	TGA	0	0
mORF_+_3186107	3186107	3186118	+	2	12	ATG	TAA	0	0
mORF_+_3186191	3186191	3186436	+	2	246	ATG	TGA	0	0
mORF_+_3186402	3186402	3186419	+	3	18	ATG	TAA	0	0
mORF_+_3186488	3186488	3186550	+	2	63	TTG	TGA	0	0
mORF_+_3186537	3186537	3186593	+	3	57	ATG	TGA	0	0
mORF_+_3186554	3186554	3186583	+	2	30	ATG	TAA	0	0
mORF_+_3186590	3186590	3186640	+	2	51	GTG	TAG	0	0
mORF_+_3186653	3186653	3186799	+	2	147	TTG	TGA	0	0
mORF_+_3186806	3186806	3186898	+	2	93	ATG	TAA	0	0
mORF_+_3186953	3186953	3186958	+	2	6	ATG	TGA	0	0
mORF_+_3186986	3186986	3187003	+	2	18	TTG	TAA	0	0
mORF_+_3187115	3187115	3187237	+	2	123	ATG	TGA	0	0
mORF_+_3187161	3187161	3187169	+	3	9	GTG	TGA	0	0
mORF_+_3187331	3187331	3187417	+	2	87	ATG	TGA	0	0
mORF_+_3187338	3187338	3187391	+	3	54	TTG	TAG	0	0
mORF_+_3187478	3187478	3187516	+	2	39	ATG	TAA	0	0
mORF_+_3187529	3187529	3187594	+	2	66	GTG	TAA	0	0
mORF_+_3187601	3187601	3187651	+	2	51	GTG	TAG	0	0
mORF_+_3187670	3187670	3187702	+	2	33	ATG	TAA	0	0
mORF_+_3187706	3187706	3187729	+	2	24	ATG	TAG	0	0
mORF_+_3187736	3187736	3187846	+	2	111	TTG	TAA	0	0
mORF_+_3187812	3187812	3187835	+	3	24	TTG	TAG	0	0
mORF_+_3187869	3187869	3187877	+	3	9	GTG	TAG	0	0
mORF_+_3187894	3187894	3188652	+	1	759	ATG	TAA	0	0
mORF_+_3187931	3187931	3187960	+	2	30	TTG	TGA	0	0
mORF_+_3187967	3187967	3188008	+	2	42	TTG	TAA	0	0
mORF_+_3188012	3188012	3188038	+	2	27	ATG	TAA	0	0
mORF_+_3188082	3188082	3188108	+	3	27	ATG	TAA	0	0
mORF_+_3188114	3188114	3188152	+	2	39	GTG	TAA	0	0
mORF_+_3188159	3188159	3188176	+	2	18	GTG	TAA	0	0
mORF_+_3188198	3188198	3188281	+	2	84	TTG	TGA	0	0
mORF_+_3188333	3188333	3188341	+	2	9	TTG	TAG	0	0
mORF_+_3188348	3188348	3188356	+	2	9	ATG	TAA	0	0
mORF_+_3188372	3188372	3188464	+	2	93	TTG	TAA	0	0
mORF_+_3188510	3188510	3188581	+	2	72	ATG	TAA	0	0
mORF_+_3188588	3188588	3188596	+	2	9	ATG	TAA	0	0
mORF_+_3188619	3188619	3188624	+	3	6	TTG	TAA	0	0
mORF_+_3188654	3188654	3189718	+	2	1065	ATG	TAG	0	0
mORF_+_3188670	3188670	3188840	+	3	171	TTG	TGA	0	0
mORF_+_3188710	3188710	3188733	+	1	24	ATG	TGA	0	0
mORF_+_3188841	3188841	3188912	+	3	72	ATG	TAA	0	0
mORF_+_3188899	3188899	3188946	+	1	48	ATG	TAA	0	0

mORF_+_3188967	3188967	3188972	+	3	6	GTG	TAA	0	0	
mORF_+_3188979	3188979	3189041	+	3	63	ATG	TAA	0	0	
mORF_+_3189028	3189028	3189036	+	1	9	ATG	TGA	0	0	
mORF_+_3189063	3189063	3189119	+	3	57	ATG	TAA	0	0	
mORF_+_3189162	3189162	3189176	+	3	15	ATG	TAA	0	0	
mORF_+_3189186	3189186	3189209	+	3	24	TTG	TAG	0	0	
mORF_+_3189213	3189213	3189230	+	3	18	TTG	TGA	0	0	
mORF_+_3189240	3189240	3189248	+	3	9	GTG	TAG	0	0	
mORF_+_3189297	3189297	3189365	+	3	69	ATG	TAA	0	0	
mORF_+_3189396	3189396	3189413	+	3	18	GTG	TAG	0	0	
mORF_+_3189432	3189432	3189464	+	3	33	GTG	TAG	0	0	
mORF_+_3189492	3189492	3189515	+	3	24	GTG	TAG	0	0	
mORF_+_3189519	3189519	3189533	+	3	15	ATG	TGA	0	0	
mORF_+_3189549	3189549	3189644	+	3	96	ATG	TGA	0	0	
mORF_+_3189645	3189645	3189695	+	3	51	GTG	TAA	0	0	
mORF_+_3189764	3189764	3189772	+	2	9	GTG	TAA	0	0	
mORF_+_3189784	3189784	3189864	+	1	81	TTG	TAA	0	0	
mORF_+_3189800	3189800	3189940	+	2	141	TTG	TAA	0	0	
mORF_+_3189852	3189852	3189956	+	3	105	ATG	TGA	0	0	
mORF_+_3189953	3189953	3189994	+	2	42	ATG	TAA	0	0	
mORF_+_3190001	3190001	3190090	+	2	90	ATG	TAG	0	0	
mORF_+_3190033	3190033	3190038	+	1	6	GTG	TAG	0	0	
mORF_+_3190038	3190038	3190100	+	3	63	GTG	TAA	0	0	
mORF_+_3190090	3190090	3190113	+	1	24	GTG	TAA	0	0	
mORF_+_3190145	3190145	3190195	+	2	51	GTG	TAA	0	0	
mORF_+_3190167	3190167	3190172	+	3	6	ATG	TAA	0	0	
mORF_+_3190199	3190199	3190210	+	2	12	TTG	TAA	0	0	
mORF_+_3190211	3190211	3190252	+	2	42	ATG	TAA	0	0	
mORF_+_3190218	3190218	3190226	+	3	9	TTG	TGA	0	0	
mORF_+_3190230	3190230	3190859	+	3	630	ATG	TAA	2	8	pORF_+_3190230
mORF_+_3190279	3190279	3190290	+	1	12	TTG	TGA	0	0	
mORF_+_3190309	3190309	3190377	+	1	69	TTG	TAA	0	0	
mORF_+_3190417	3190417	3190593	+	1	177	TTG	TAG	0	0	
mORF_+_3190594	3190594	3190665	+	1	72	TTG	TAA	0	0	
mORF_+_3190723	3190723	3190794	+	1	72	TTG	TAA	0	0	
mORF_+_3190799	3190799	3190837	+	2	39	TTG	TAA	0	0	
mORF_+_3190886	3190886	3192547	+	2	1662	ATG	TAA	1	2	pORF_+_3190886
mORF_+_3190890	3190890	3191027	+	3	138	ATG	TAG	0	0	
mORF_+_3190942	3190942	3191082	+	1	141	ATG	TGA	0	0	
mORF_+_3191028	3191028	3191045	+	3	18	GTG	TAA	0	0	
mORF_+_3191052	3191052	3191066	+	3	15	GTG	TGA	0	0	
mORF_+_3191079	3191079	3191087	+	3	9	ATG	TAA	0	0	
mORF_+_3191136	3191136	3191147	+	3	12	TTG	TGA	0	0	
mORF_+_3191172	3191172	3191177	+	3	6	ATG	TAG	0	0	
mORF_+_3191190	3191190	3191201	+	3	12	TTG	TAA	0	0	
mORF_+_3191220	3191220	3191330	+	3	111	TTG	TGA	0	0	
mORF_+_3191337	3191337	3191504	+	3	168	ATG	TAA	0	0	
mORF_+_3191553	3191553	3191567	+	3	15	TTG	TAG	0	0	
mORF_+_3191571	3191571	3191642	+	3	72	TTG	TGA	0	0	
mORF_+_3191646	3191646	3191963	+	3	318	TTG	TAA	0	0	
mORF_+_3192012	3192012	3192032	+	3	21	GTG	TAA	0	0	
mORF_+_3192048	3192048	3192074	+	3	27	ATG	TGA	0	0	
mORF_+_3192129	3192129	3192137	+	3	9	TTG	TAG	0	0	
mORF_+_3192183	3192183	3192191	+	3	9	GTG	TGA	0	0	
mORF_+_3192195	3192195	3192272	+	3	78	ATG	TAA	0	0	
mORF_+_3192285	3192285	3192296	+	3	12	TTG	TGA	0	0	
mORF_+_3192330	3192330	3192338	+	3	9	ATG	TGA	0	0	
mORF_+_3192342	3192342	3192446	+	3	105	GTG	TGA	0	0	
mORF_+_3192447	3192447	3192500	+	3	54	TTG	TGA	0	0	
mORF_+_3192616	3192616	3192651	+	1	36	GTG	TGA	0	0	
mORF_+_3192644	3192644	3192847	+	2	204	TTG	TAA	0	0	
mORF_+_3192648	3192648	3192791	+	3	144	GTG	TGA	0	0	
mORF_+_3192688	3192688	3192738	+	1	51	TTG	TGA	0	0	

mORF_+_3192813	3192813	3192830	+	3	18	TTG	TAA	0	0	
mORF_+_3192884	3192884	3193114	+	2	231	TTG	TGA	0	0	
mORF_+_3192993	3192993	3193028	+	3	36	GTG	TGA	0	0	
mORF_+_3193021	3193021	3193152	+	1	132	TTG	TAA	0	0	
mORF_+_3193065	3193065	3193166	+	3	102	TTG	TGA	0	0	
mORF_+_3193145	3193145	3193222	+	2	78	TTG	TAA	0	0	
mORF_+_3193188	3193188	3193205	+	3	18	TTG	TAA	0	0	
mORF_+_3193259	3193259	3193300	+	2	42	TTG	TAG	0	0	
mORF_+_3193308	3193308	3193373	+	3	66	ATG	TGA	0	0	
mORF_+_3193360	3193360	3194091	+	1	732	TTG	TAA	0	0	
mORF_+_3193370	3193370	3193474	+	2	105	TTG	TAG	0	0	
mORF_+_3193529	3193529	3193702	+	2	174	GTG	TAA	0	0	
mORF_+_3193569	3193569	3193655	+	3	87	GTG	TGA	0	0	
mORF_+_3193692	3193692	3194000	+	3	309	TTG	TAA	0	0	
mORF_+_3193724	3193724	3194110	+	2	387	ATG	TAA	0	0	
mORF_+_3194025	3194025	3194210	+	3	186	TTG	TAG	0	0	
mORF_+_3194126	3194126	3194221	+	2	96	ATG	TAG	0	0	
mORF_+_3194241	3194241	3194366	+	3	126	TTG	TAA	0	0	
mORF_+_3194281	3194281	3194457	+	1	177	TTG	TAA	0	0	
mORF_+_3194315	3194315	3194323	+	2	9	TTG	TAG	0	0	
mORF_+_3194438	3194438	3194707	+	2	270	TTG	TAA	1	5	pORF_+_3194438
mORF_+_3194473	3194473	3194928	+	1	456	ATG	TGA	0	0	
mORF_+_3194574	3194574	3194582	+	3	9	GTG	TAG	0	0	
mORF_+_3194801	3194801	3194881	+	2	81	TTG	TGA	0	0	
mORF_+_3194898	3194898	3194918	+	3	21	ATG	TAA	0	0	
mORF_+_3194918	3194918	3194950	+	2	33	ATG	TAG	0	0	
mORF_+_3194925	3194925	3195011	+	3	87	ATG	TAG	0	0	
mORF_+_3194950	3194950	3194955	+	1	6	GTG	TAA	0	0	
mORF_+_3194992	3194992	3195063	+	1	72	ATG	TGA	0	0	
mORF_+_3195060	3195060	3195578	+	3	519	ATG	TAA	1	2	pORF_+_3195060
mORF_+_3195127	3195127	3195165	+	1	39	TTG	TGA	0	0	
mORF_+_3195265	3195265	3195312	+	1	48	GTG	TGA	0	0	
mORF_+_3195353	3195353	3195448	+	2	96	ATG	TGA	0	0	
mORF_+_3195424	3195424	3195483	+	1	60	ATG	TAA	0	0	
mORF_+_3195530	3195530	3195553	+	2	24	TTG	TAA	0	0	
mORF_+_3195595	3195595	3195603	+	1	9	TTG	TAG	0	0	
mORF_+_3195642	3195642	3195728	+	3	87	GTG	TAA	0	0	
mORF_+_3195706	3195706	3195732	+	1	27	ATG	TGA	0	0	
mORF_+_3195729	3195729	3195755	+	3	27	GTG	TAG	0	0	
mORF_+_3195781	3195781	3195810	+	1	30	ATG	TGA	0	0	
mORF_+_3195828	3195828	3195944	+	3	117	TTG	TAA	0	0	
mORF_+_3195913	3195913	3195951	+	1	39	GTG	TAA	0	0	
mORF_+_3195917	3195917	3196009	+	2	93	TTG	TAA	0	0	
mORF_+_3196002	3196002	3196040	+	3	39	ATG	TAA	0	0	
mORF_+_3196045	3196045	3196161	+	1	117	GTG	TGA	0	0	
mORF_+_3196134	3196134	3196223	+	3	90	ATG	TAG	0	0	
mORF_+_3196177	3196177	3196335	+	1	159	ATG	TGA	0	0	
mORF_+_3196251	3196251	3196619	+	3	369	ATG	TAA	0	0	
mORF_+_3196384	3196384	3196674	+	1	291	TTG	TGA	0	0	
mORF_+_3196394	3196394	3196465	+	2	72	GTG	TAA	0	0	
mORF_+_3196610	3196610	3196660	+	2	51	TTG	TGA	0	0	
mORF_+_3196629	3196629	3197192	+	3	564	TTG	TAA	0	0	
mORF_+_3196696	3196696	3196785	+	1	90	ATG	TGA	0	0	
mORF_+_3196801	3196801	3196806	+	1	6	ATG	TAA	0	0	
mORF_+_3196885	3196885	3196899	+	1	15	TTG	TAA	0	0	
mORF_+_3197024	3197024	3197044	+	2	21	TTG	TAA	0	0	
mORF_+_3197059	3197059	3197304	+	1	246	ATG	TAG	0	0	
mORF_+_3197205	3197205	3197390	+	3	186	TTG	TAG	0	0	
mORF_+_3197320	3197320	3197460	+	1	141	ATG	TAA	0	0	
mORF_+_3197339	3197339	3197374	+	2	36	GTG	TAA	0	0	
mORF_+_3197450	3197450	3197551	+	2	102	ATG	TAA	0	0	
mORF_+_3197460	3197460	3197564	+	3	105	ATG	TGA	0	0	
mORF_+_3197573	3197573	3197581	+	2	9	GTG	TAA	0	0	

mORF_+_3197582	3197582	3197665	+	2	84	GTG	TAA	0	0	
mORF_+_3197678	3197678	3197689	+	2	12	TTG	TAA	0	0	
mORF_+_3197701	3197701	3197856	+	1	156	GTG	TGA	0	0	
mORF_+_3197723	3197723	3197782	+	2	60	TTG	TGA	0	0	
mORF_+_3197727	3197727	3197777	+	3	51	TTG	TAG	0	0	
mORF_+_3197853	3197853	3197975	+	3	123	TTG	TGA	0	0	
mORF_+_3197941	3197941	3198012	+	1	72	ATG	TAA	0	0	
mORF_+_3197972	3197972	3198085	+	2	114	TTG	TAG	0	0	
mORF_+_3198015	3198015	3198080	+	3	66	ATG	TAG	0	0	
mORF_+_3198116	3198116	3198133	+	2	18	ATG	TGA	0	0	
mORF_+_3198130	3198130	3198150	+	1	21	TTG	TAA	0	0	
mORF_+_3198151	3198151	3198291	+	1	141	GTG	TAA	0	0	
mORF_+_3198155	3198155	3198202	+	2	48	GTG	TGA	0	0	
mORF_+_3198215	3198215	3198274	+	2	60	ATG	TGA	0	0	
mORF_+_3198336	3198336	3198368	+	3	33	TTG	TGA	0	0	
mORF_+_3198346	3198346	3198438	+	1	93	ATG	TAA	0	0	
mORF_+_3198353	3198353	3198400	+	2	48	ATG	TGA	0	0	
mORF_+_3198416	3198416	3198616	+	2	201	TTG	TAA	0	0	
mORF_+_3198445	3198445	3198696	+	1	252	TTG	TAA	0	0	
mORF_+_3198623	3198623	3198751	+	2	129	GTG	TGA	0	0	
mORF_+_3198751	3198751	3198756	+	1	6	ATG	TAA	0	0	
mORF_+_3198785	3198785	3198799	+	2	15	ATG	TAG	0	0	
mORF_+_3198835	3198835	3198969	+	1	135	GTG	TAA	0	0	
mORF_+_3198917	3198917	3198952	+	2	36	TTG	TGA	0	0	
mORF_+_3198986	3198986	3199039	+	2	54	ATG	TAA	0	0	
mORF_+_3199006	3199006	3199020	+	1	15	ATG	TGA	0	0	
mORF_+_3199017	3199017	3199064	+	3	48	GTG	TAG	0	0	
mORF_+_3199039	3199039	3199101	+	1	63	ATG	TGA	0	0	
mORF_+_3199079	3199079	3199174	+	2	96	TTG	TAG	0	0	
mORF_+_3199098	3199098	3199118	+	3	21	TTG	TGA	0	0	
mORF_+_3199123	3199123	3199155	+	1	33	GTG	TGA	0	0	
mORF_+_3199152	3199152	3199229	+	3	78	TTG	TGA	0	0	
mORF_+_3199162	3199162	3199212	+	1	51	ATG	TGA	0	0	
mORF_+_3199229	3199229	3199849	+	2	621	ATG	TAA	16	67	pORF_+_3199229
mORF_+_3199308	3199308	3199325	+	3	18	ATG	TGA	0	0	
mORF_+_3199428	3199428	3199439	+	3	12	ATG	TGA	0	0	
mORF_+_3199509	3199509	3199544	+	3	36	GTG	TGA	0	0	
mORF_+_3199674	3199674	3199811	+	3	138	TTG	TGA	0	0	
mORF_+_3199744	3199744	3199908	+	1	165	ATG	TGA	0	0	
mORF_+_3199863	3199863	3199916	+	3	54	TTG	TGA	0	0	
mORF_+_3199886	3199886	3199897	+	2	12	TTG	TGA	0	0	
mORF_+_3199913	3199913	3201151	+	2	1239	GTG	TGA	8	23	pORF_+_3199913
mORF_+_3199932	3199932	3199958	+	3	27	GTG	TAG	0	0	
mORF_+_3199981	3199981	3200079	+	1	99	TTG	TGA	0	0	
mORF_+_3200076	3200076	3200192	+	3	117	ATG	TGA	0	0	
mORF_+_3200137	3200137	3200172	+	1	36	TTG	TGA	0	0	
mORF_+_3200199	3200199	3200390	+	3	192	ATG	TGA	0	0	
mORF_+_3200406	3200406	3200429	+	3	24	ATG	TGA	0	0	
mORF_+_3200443	3200443	3200544	+	1	102	ATG	TGA	0	0	
mORF_+_3200541	3200541	3200612	+	3	72	TTG	TAA	0	0	
mORF_+_3200575	3200575	3200688	+	1	114	GTG	TAA	0	0	
mORF_+_3200652	3200652	3200696	+	3	45	ATG	TGA	0	0	
mORF_+_3200724	3200724	3200753	+	3	30	ATG	TAG	0	0	
mORF_+_3200764	3200764	3200790	+	1	27	ATG	TGA	0	0	
mORF_+_3200787	3200787	3200804	+	3	18	ATG	TAG	0	0	
mORF_+_3200880	3200880	3200933	+	3	54	TTG	TGA	0	0	
mORF_+_3200967	3200967	3201089	+	3	123	TTG	TGA	0	0	
mORF_+_3201102	3201102	3201113	+	3	12	TTG	TAG	0	0	
mORF_+_3201133	3201133	3201147	+	1	15	TTG	TGA	0	0	
mORF_+_3201148	3201148	3201369	+	1	222	ATG	TAA	0	0	
mORF_+_3201155	3201155	3201181	+	2	27	TTG	TAA	0	0	
mORF_+_3201171	3201171	3201254	+	3	84	ATG	TGA	0	0	
mORF_+_3201212	3201212	3201217	+	2	6	TTG	TAG	0	0	

mORF_+_3201251	3201251	3201301	+	2	51	TTG	TGA	0	0
mORF_+_3201255	3201255	3201272	+	3	18	TTG	TGA	0	0
mORF_+_3201378	3201378	3201518	+	3	141	ATG	TAG	0	0
mORF_+_3201413	3201413	3201616	+	2	204	TTG	TGA	0	0
mORF_+_3201493	3201493	3201681	+	1	189	TTG	TAA	0	0
mORF_+_3201618	3201618	3201689	+	3	72	ATG	TGA	0	0
mORF_+_3201682	3201682	3201804	+	1	123	ATG	TAA	0	0
mORF_+_3201808	3201808	3201816	+	1	9	ATG	TAA	0	0
mORF_+_3201819	3201819	3202049	+	3	231	GTG	TGA	0	0
mORF_+_3201824	3201824	3201886	+	2	63	GTG	TAA	0	0
mORF_+_3201908	3201908	3201988	+	2	81	GTG	TGA	0	0
mORF_+_3201985	3201985	3202059	+	1	75	TTG	TAA	0	0
mORF_+_3202046	3202046	3202159	+	2	114	GTG	TAA	0	0
mORF_+_3202071	3202071	3202175	+	3	105	GTG	TAA	0	0
mORF_+_3202120	3202120	3202167	+	1	48	TTG	TAA	0	0
mORF_+_3202177	3202177	3202218	+	1	42	ATG	TAA	0	0
mORF_+_3202223	3202223	3202231	+	2	9	TTG	TAA	0	0
mORF_+_3202265	3202265	3202456	+	2	192	TTG	TAA	0	0
mORF_+_3202356	3202356	3202430	+	3	75	GTG	TGA	0	0
mORF_+_3202423	3202423	3202530	+	1	108	GTG	TAA	0	0
mORF_+_3202541	3202541	3202561	+	2	21	ATG	TAA	0	0
mORF_+_3202571	3202571	3202636	+	2	66	GTG	TAA	0	0
mORF_+_3202588	3202588	3202719	+	1	132	TTG	TGA	0	0
mORF_+_3202629	3202629	3202688	+	3	60	TTG	TGA	0	0
mORF_+_3202658	3202658	3202939	+	2	282	ATG	TGA	0	0
mORF_+_3202716	3202716	3203333	+	3	618	ATG	TGA	0	0
mORF_+_3202720	3202720	3202740	+	1	21	GTG	TGA	0	0
mORF_+_3202774	3202774	3202884	+	1	111	GTG	TAG	0	0
mORF_+_3202936	3202936	3202944	+	1	9	ATG	TAG	0	0
mORF_+_3202945	3202945	3202965	+	1	21	GTG	TAG	0	0
mORF_+_3202972	3202972	3203091	+	1	120	TTG	TAA	0	0
mORF_+_3203149	3203149	3203163	+	1	15	TTG	TGA	0	0
mORF_+_3203164	3203164	3203232	+	1	69	TTG	TGA	0	0
mORF_+_3203183	3203183	3203191	+	2	9	GTG	TAA	0	0
mORF_+_3203225	3203225	3203251	+	2	27	TTG	TGA	0	0
mORF_+_3203248	3203248	3203358	+	1	111	ATG	TGA	0	0
mORF_+_3203267	3203267	3203353	+	2	87	GTG	TGA	0	0
mORF_+_3203340	3203340	3203426	+	3	87	GTG	TAA	0	0
mORF_+_3203374	3203374	3203442	+	1	69	TTG	TAG	0	0
mORF_+_3203396	3203396	3203557	+	2	162	ATG	TAA	0	0
mORF_+_3203470	3203470	3203646	+	1	177	TTG	TGA	0	0
mORF_+_3203478	3203478	3203717	+	3	240	TTG	TAA	0	0
mORF_+_3203689	3203689	3203709	+	1	21	TTG	TGA	0	0
mORF_+_3203730	3203730	3203774	+	3	45	TTG	TAA	0	0
mORF_+_3203732	3203732	3203833	+	2	102	GTG	TAA	0	0
mORF_+_3203799	3203799	3203867	+	3	69	ATG	TAA	0	0
mORF_+_3203874	3203874	3203906	+	3	33	TTG	TAA	0	0
mORF_+_3203917	3203917	3204039	+	1	123	TTG	TGA	0	0
mORF_+_3203949	3203949	3204260	+	3	312	ATG	TAA	0	0
mORF_+_3204046	3204046	3204072	+	1	27	GTG	TAA	0	0
mORF_+_3204128	3204128	3204169	+	2	42	TTG	TGA	0	0
mORF_+_3204163	3204163	3204225	+	1	63	TTG	TGA	0	0
mORF_+_3204173	3204173	3204211	+	2	39	ATG	TAA	0	0
mORF_+_3204253	3204253	3204300	+	1	48	TTG	TGA	0	0
mORF_+_3204297	3204297	3204431	+	3	135	GTG	TAG	0	0
mORF_+_3204326	3204326	3204373	+	2	48	TTG	TGA	0	0
mORF_+_3204370	3204370	3204417	+	1	48	TTG	TAA	0	0
mORF_+_3204431	3204431	3205396	+	2	966	GTG	TGA	0	0
mORF_+_3204439	3204439	3204450	+	1	12	TTG	TGA	0	0
mORF_+_3204441	3204441	3204488	+	3	48	GTG	TGA	0	0
mORF_+_3204534	3204534	3204557	+	3	24	TTG	TGA	0	0
mORF_+_3204576	3204576	3204596	+	3	21	ATG	TAA	0	0
mORF_+_3204609	3204609	3204683	+	3	75	ATG	TGA	0	0

mORF_+_3204753	3204753	3204830	+	3	78	TTG	TAG	0	0	
mORF_+_3204837	3204837	3204848	+	3	12	TTG	TAA	0	0	
mORF_+_3204880	3204880	3204912	+	1	33	GTG	TGA	0	0	
mORF_+_3204909	3204909	3204980	+	3	72	ATG	TAA	0	0	
mORF_+_3205137	3205137	3205229	+	3	93	TTG	TGA	0	0	
mORF_+_3205296	3205296	3205427	+	3	132	TTG	TGA	0	0	
mORF_+_3205393	3205393	3205998	+	1	606	ATG	TAA	0	0	
mORF_+_3205454	3205454	3205459	+	2	6	ATG	TGA	0	0	
mORF_+_3205497	3205497	3205652	+	3	156	TTG	TGA	0	0	
mORF_+_3205649	3205649	3205681	+	2	33	TTG	TGA	0	0	
mORF_+_3205691	3205691	3205717	+	2	27	TTG	TGA	0	0	
mORF_+_3205751	3205751	3205756	+	2	6	ATG	TGA	0	0	
mORF_+_3205805	3205805	3205882	+	2	78	TTG	TGA	0	0	
mORF_+_3205848	3205848	3205895	+	3	48	GTG	TGA	0	0	
mORF_+_3205883	3205883	3205915	+	2	33	TTG	TGA	0	0	
mORF_+_3206046	3206046	3207509	+	3	1464	ATG	TAA	0	0	
mORF_+_3206063	3206063	3206299	+	2	237	ATG	TAA	0	0	
mORF_+_3206077	3206077	3206175	+	1	99	TTG	TGA	0	0	
mORF_+_3206179	3206179	3206187	+	1	9	TTG	TGA	0	0	
mORF_+_3206206	3206206	3206361	+	1	156	GTG	TGA	0	0	
mORF_+_3206321	3206321	3206344	+	2	24	GTG	TAA	0	0	
mORF_+_3206380	3206380	3206427	+	1	48	TTG	TGA	0	0	
mORF_+_3206470	3206470	3206478	+	1	9	ATG	TGA	0	0	
mORF_+_3206527	3206527	3206655	+	1	129	GTG	TGA	0	0	
mORF_+_3206627	3206627	3206902	+	2	276	GTG	TGA	0	0	
mORF_+_3206701	3206701	3206709	+	1	9	TTG	TGA	0	0	
mORF_+_3206899	3206899	3206922	+	1	24	GTG	TGA	0	0	
mORF_+_3206942	3206942	3206959	+	2	18	GTG	TGA	0	0	
mORF_+_3206956	3206956	3207003	+	1	48	GTG	TGA	0	0	
mORF_+_3207026	3207026	3207046	+	2	21	TTG	TAA	0	0	
mORF_+_3207037	3207037	3207147	+	1	111	TTG	TAG	0	0	
mORF_+_3207056	3207056	3207127	+	2	72	GTG	TAG	0	0	
mORF_+_3207196	3207196	3207267	+	1	72	TTG	TGA	0	0	
mORF_+_3207271	3207271	3207321	+	1	51	TTG	TGA	0	0	
mORF_+_3207325	3207325	3207450	+	1	126	TTG	TGA	0	0	
mORF_+_3207485	3207485	3207598	+	2	114	GTG	TAA	0	0	
mORF_+_3207510	3207510	3207566	+	3	57	GTG	TAA	0	0	
mORF_+_3207529	3207529	3207549	+	1	21	TTG	TAG	0	0	
mORF_+_3207772	3207772	3207798	+	1	27	ATG	TGA	0	0	
mORF_+_3207811	3207811	3208002	+	1	192	TTG	TGA	0	0	
mORF_+_3207908	3207908	3207940	+	2	33	TTG	TGA	0	0	
mORF_+_3208123	3208123	3208152	+	1	30	ATG	TGA	0	0	
mORF_+_3208149	3208149	3208217	+	3	69	ATG	TAA	0	0	
mORF_+_3208221	3208221	3208304	+	3	84	ATG	TAG	0	0	
mORF_+_3208348	3208348	3208416	+	1	69	ATG	TGA	0	0	
mORF_+_3208355	3208355	3208567	+	2	213	TTG	TGA	0	0	
mORF_+_3208413	3208413	3208493	+	3	81	ATG	TAA	0	0	
mORF_+_3208486	3208486	3208515	+	1	30	TTG	TAA	0	0	
mORF_+_3208516	3208516	3208602	+	1	87	ATG	TAG	0	0	
mORF_+_3208569	3208569	3208763	+	3	195	TTG	TGA	0	0	
mORF_+_3208615	3208615	3208623	+	1	9	TTG	TAA	0	0	
mORF_+_3208628	3208628	3208729	+	2	102	TTG	TAA	0	0	
mORF_+_3208699	3208699	3208752	+	1	54	GTG	TAA	0	0	
mORF_+_3208760	3208760	3208795	+	2	36	TTG	TGA	0	0	
mORF_+_3208792	3208792	3208812	+	1	21	GTG	TAA	0	0	
mORF_+_3208803	3208803	3209018	+	3	216	ATG	TAA	32	1103	pORF_+_3208803
mORF_+_3208822	3208822	3208845	+	1	24	GTG	TAG	0	0	
mORF_+_3208882	3208882	3208962	+	1	81	GTG	TGA	0	0	
mORF_+_3209032	3209032	3209058	+	1	27	TTG	TAG	0	0	
mORF_+_3209059	3209059	3209064	+	1	6	TTG	TAA	0	0	
mORF_+_3209069	3209069	3209116	+	2	48	GTG	TAA	0	0	
mORF_+_3209110	3209110	3209160	+	1	51	TTG	TAA	0	0	
mORF_+_3209129	3209129	3210874	+	2	1746	ATG	TGA	6	14	pORF_+_3209129

mORF_+_3209160	3209160	3209195	+	3	36	ATG	TGA	0	0	
mORF_+_3209199	3209199	3209210	+	3	12	ATG	TGA	0	0	
mORF_+_3209242	3209242	3209286	+	1	45	GTG	TAA	0	0	
mORF_+_3209289	3209289	3209351	+	3	63	GTG	TGA	0	0	
mORF_+_3209317	3209317	3209415	+	1	99	ATG	TGA	0	0	
mORF_+_3209412	3209412	3209486	+	3	75	TTG	TGA	0	0	
mORF_+_3209532	3209532	3209573	+	3	42	TTG	TAA	0	0	
mORF_+_3209595	3209595	3209636	+	3	42	TTG	TGA	0	0	
mORF_+_3209643	3209643	3209675	+	3	33	TTG	TGA	0	0	
mORF_+_3209676	3209676	3209741	+	3	66	TTG	TGA	0	0	
mORF_+_3209775	3209775	3209822	+	3	48	TTG	TGA	0	0	
mORF_+_3209874	3209874	3209984	+	3	111	ATG	TAG	0	0	
mORF_+_3210036	3210036	3210116	+	3	81	ATG	TGA	0	0	
mORF_+_3210043	3210043	3210054	+	1	12	TTG	TGA	0	0	
mORF_+_3210153	3210153	3210176	+	3	24	ATG	TAG	0	0	
mORF_+_3210201	3210201	3210257	+	3	57	TTG	TGA	0	0	
mORF_+_3210267	3210267	3210275	+	3	9	TTG	TGA	0	0	
mORF_+_3210393	3210393	3210419	+	3	27	TTG	TAA	0	0	
mORF_+_3210540	3210540	3210623	+	3	84	TTG	TGA	0	0	
mORF_+_3210601	3210601	3210663	+	1	63	TTG	TAA	0	0	
mORF_+_3210651	3210651	3210704	+	3	54	GTG	TAG	0	0	
mORF_+_3210691	3210691	3210711	+	1	21	GTG	TAA	0	0	
mORF_+_3210717	3210717	3210791	+	3	75	TTG	TAA	0	0	
mORF_+_3210798	3210798	3210818	+	3	21	GTG	TAA	0	0	
mORF_+_3210871	3210871	3210879	+	1	9	GTG	TAA	0	0	
mORF_+_3210888	3210888	3211010	+	3	123	GTG	TGA	0	0	
mORF_+_3210970	3210970	3211047	+	1	78	TTG	TGA	0	0	
mORF_+_3211044	3211044	3211052	+	3	9	ATG	TAA	0	0	
mORF_+_3211053	3211053	3211118	+	3	66	GTG	TAA	0	0	
mORF_+_3211055	3211055	3211096	+	2	42	GTG	TGA	0	0	
mORF_+_3211069	3211069	3212910	+	1	1842	ATG	TAA	88	1078	pORF_+_3211069
mORF_+_3211103	3211103	3211135	+	2	33	TTG	TGA	0	0	
mORF_+_3211139	3211139	3211210	+	2	72	ATG	TGA	0	0	
mORF_+_3211250	3211250	3211264	+	2	15	ATG	TGA	0	0	
mORF_+_3211292	3211292	3211402	+	2	111	ATG	TGA	0	0	
mORF_+_3211418	3211418	3211552	+	2	135	TTG	TGA	0	0	
mORF_+_3211461	3211461	3211475	+	3	15	ATG	TGA	0	0	
mORF_+_3211562	3211562	3211759	+	2	198	TTG	TAA	0	0	
mORF_+_3211763	3211763	3211819	+	2	57	GTG	TGA	0	0	
mORF_+_3211865	3211865	3211897	+	2	33	TTG	TGA	0	0	
mORF_+_3211943	3211943	3212035	+	2	93	TTG	TGA	0	0	
mORF_+_3211950	3211950	3212072	+	3	123	GTG	TGA	0	0	
mORF_+_3212063	3212063	3212128	+	2	66	ATG	TGA	0	0	
mORF_+_3212171	3212171	3212281	+	2	111	GTG	TGA	0	0	
mORF_+_3212315	3212315	3212437	+	2	123	TTG	TGA	0	0	
mORF_+_3212367	3212367	3212441	+	3	75	GTG	TGA	0	0	
mORF_+_3212438	3212438	3212533	+	2	96	TTG	TGA	0	0	
mORF_+_3212603	3212603	3212722	+	2	120	GTG	TGA	0	0	
mORF_+_3212729	3212729	3212770	+	2	42	GTG	TGA	0	0	
mORF_+_3212979	3212979	3213113	+	3	135	GTG	TGA	0	0	
mORF_+_3213107	3213107	3213199	+	2	93	ATG	TGA	0	0	
mORF_+_3213118	3213118	3213243	+	1	126	TTG	TAG	0	0	
mORF_+_3213132	3213132	3213149	+	3	18	GTG	TGA	0	0	
mORF_+_3213162	3213162	3213299	+	3	138	ATG	TGA	0	0	
mORF_+_3213263	3213263	3213313	+	2	51	TTG	TAA	0	0	
mORF_+_3213268	3213268	3213432	+	1	165	TTG	TGA	0	0	
mORF_+_3213327	3213327	3213359	+	3	33	GTG	TAA	0	0	
mORF_+_3213393	3213393	3213446	+	3	54	TTG	TGA	0	0	
mORF_+_3213443	3213443	3213511	+	2	69	TTG	TAA	0	0	
mORF_+_3213536	3213536	3213556	+	2	21	TTG	TAA	0	0	
mORF_+_3213547	3213547	3213576	+	1	30	TTG	TAA	0	0	
mORF_+_3213576	3213576	3213608	+	3	33	ATG	TAA	0	0	
mORF_+_3213618	3213618	3213629	+	3	12	ATG	TAG	0	0	

mORF_+_3213634	3213634	3213657	+	1	24	GTG	TAA	0	0	
mORF_+_3213662	3213662	3213712	+	2	51	TTG	TGA	0	0	
mORF_+_3213754	3213754	3213831	+	1	78	TTG	TAA	0	0	
mORF_+_3213758	3213758	3213823	+	2	66	GTG	TAA	0	0	
mORF_+_3213858	3213858	3213866	+	3	9	ATG	TAA	0	0	
mORF_+_3213881	3213881	3214231	+	2	351	TTG	TAG	0	0	
mORF_+_3213922	3213922	3213942	+	1	21	GTG	TAA	0	0	
mORF_+_3214026	3214026	3214091	+	3	66	TTG	TGA	0	0	
mORF_+_3214054	3214054	3214143	+	1	90	ATG	TAA	0	0	
mORF_+_3214264	3214264	3214380	+	1	117	GTG	TAA	0	0	
mORF_+_3214290	3214290	3214325	+	3	36	ATG	TGA	0	0	
mORF_+_3214322	3214322	3214447	+	2	126	GTG	TAA	0	0	
mORF_+_3214350	3214350	3214358	+	3	9	TTG	TGA	0	0	
mORF_+_3214410	3214410	3214418	+	3	9	ATG	TGA	0	0	
mORF_+_3214431	3214431	3214496	+	3	66	ATG	TAG	0	0	
mORF_+_3214503	3214503	3214550	+	3	48	GTG	TAA	0	0	
mORF_+_3214513	3214513	3214530	+	1	18	TTG	TGA	0	0	
mORF_+_3214564	3214564	3214623	+	1	60	ATG	TAG	0	0	
mORF_+_3214574	3214574	3214606	+	2	33	TTG	TAG	0	0	
mORF_+_3214590	3214590	3214628	+	3	39	ATG	TGA	0	0	
mORF_+_3214672	3214672	3214770	+	1	99	ATG	TAG	0	0	
mORF_+_3214679	3214679	3214711	+	2	33	GTG	TGA	0	0	
mORF_+_3214701	3214701	3214706	+	3	6	GTG	TGA	0	0	
mORF_+_3214739	3214739	3214765	+	2	27	TTG	TAA	0	0	
mORF_+_3214801	3214801	3215424	+	1	624	ATG	TAA	8	24	pORF_+_3214801
mORF_+_3214821	3214821	3214829	+	3	9	GTG	TAA	0	0	
mORF_+_3214832	3214832	3214999	+	2	168	ATG	TGA	0	0	
mORF_+_3214923	3214923	3214985	+	3	63	ATG	TGA	0	0	
mORF_+_3215021	3215021	3215044	+	2	24	ATG	TGA	0	0	
mORF_+_3215054	3215054	3215065	+	2	12	TTG	TAA	0	0	
mORF_+_3215174	3215174	3215182	+	2	9	TTG	TGA	0	0	
mORF_+_3215199	3215199	3215237	+	3	39	GTG	TGA	0	0	
mORF_+_3215234	3215234	3215293	+	2	60	TTG	TGA	0	0	
mORF_+_3215256	3215256	3215309	+	3	54	TTG	TAA	0	0	
mORF_+_3215354	3215354	3215368	+	2	15	GTG	TAA	0	0	
mORF_+_3215378	3215378	3215386	+	2	9	TTG	TGA	0	0	
mORF_+_3215402	3215402	3215473	+	2	72	TTG	TGA	0	0	
mORF_+_3215440	3215440	3215745	+	1	306	GTG	TGA	0	0	
mORF_+_3215448	3215448	3215681	+	3	234	GTG	TGA	0	0	
mORF_+_3215546	3215546	3215581	+	2	36	TTG	TAA	0	0	
mORF_+_3215678	3215678	3215917	+	2	240	GTG	TGA	0	0	
mORF_+_3215742	3215742	3215753	+	3	12	TTG	TAA	0	0	
mORF_+_3215746	3215746	3215913	+	1	168	ATG	TAA	0	0	
mORF_+_3215787	3215787	3215897	+	3	111	GTG	TAG	0	0	
mORF_+_3215914	3215914	3216141	+	1	228	ATG	TGA	0	0	
mORF_+_3215948	3215948	3216010	+	2	63	TTG	TGA	0	0	
mORF_+_3216038	3216038	3216223	+	2	186	ATG	TGA	0	0	
mORF_+_3216078	3216078	3216086	+	3	9	TTG	TGA	0	0	
mORF_+_3216138	3216138	3216299	+	3	162	TTG	TGA	0	0	
mORF_+_3216196	3216196	3216318	+	1	123	TTG	TGA	0	0	
mORF_+_3216266	3216266	3216448	+	2	183	GTG	TGA	0	0	
mORF_+_3216315	3216315	3216329	+	3	15	TTG	TAA	0	0	
mORF_+_3216355	3216355	3216372	+	1	18	TTG	TAA	0	0	
mORF_+_3216372	3216372	3216581	+	3	210	ATG	TAA	0	0	
mORF_+_3216403	3216403	3216516	+	1	114	ATG	TAA	0	0	
mORF_+_3216563	3216563	3216673	+	2	111	ATG	TGA	0	0	
mORF_+_3216624	3216624	3216776	+	3	153	ATG	TGA	0	0	
mORF_+_3216670	3216670	3216957	+	1	288	ATG	TAA	0	0	
mORF_+_3216707	3216707	3216769	+	2	63	TTG	TAG	0	0	
mORF_+_3216806	3216806	3216823	+	2	18	TTG	TAA	0	0	
mORF_+_3216836	3216836	3216928	+	2	93	TTG	TGA	0	0	
mORF_+_3216912	3216912	3217001	+	3	90	TTG	TAG	0	0	
mORF_+_3216935	3216935	3216973	+	2	39	ATG	TAG	0	0	

mORF_+_3216961	3216961	3217131	+	1	171	TTG	TAA	0	0	
mORF_+_3216992	3216992	3217006	+	2	15	GTG	TGA	0	0	
mORF_+_3217007	3217007	3217015	+	2	9	GTG	TAG	0	0	
mORF_+_3217031	3217031	3217090	+	2	60	GTG	TGA	0	0	
mORF_+_3217097	3217097	3217183	+	2	87	ATG	TAA	0	0	
mORF_+_3217110	3217110	3217175	+	3	66	GTG	TAA	0	0	
mORF_+_3217185	3217185	3217193	+	3	9	TTG	TAG	0	0	
mORF_+_3217202	3217202	3217237	+	2	36	TTG	TAA	0	0	
mORF_+_3217278	3217278	3217367	+	3	90	TTG	TAA	0	0	
mORF_+_3217300	3217300	3217308	+	1	9	TTG	TGA	0	0	
mORF_+_3217313	3217313	3217387	+	2	75	GTG	TAG	0	0	
mORF_+_3217357	3217357	3217380	+	1	24	GTG	TAA	0	0	
mORF_+_3217374	3217374	3217580	+	3	207	ATG	TGA	0	0	
mORF_+_3217397	3217397	3217408	+	2	12	TTG	TGA	0	0	
mORF_+_3217405	3217405	3218895	+	1	1491	ATG	TAA	8	25	pORF_+_3217405
mORF_+_3217418	3217418	3217477	+	2	60	TTG	TAA	0	0	
mORF_+_3217487	3217487	3217492	+	2	6	ATG	TGA	0	0	
mORF_+_3217577	3217577	3217609	+	2	33	TTG	TGA	0	0	
mORF_+_3217631	3217631	3217669	+	2	39	TTG	TAG	0	0	
mORF_+_3217716	3217716	3217814	+	3	99	GTG	TAA	0	0	
mORF_+_3217742	3217742	3217924	+	2	183	TTG	TAA	0	0	
mORF_+_3217976	3217976	3217990	+	2	15	TTG	TGA	0	0	
mORF_+_3218036	3218036	3218221	+	2	186	TTG	TGA	0	0	
mORF_+_3218187	3218187	3218204	+	3	18	GTG	TGA	0	0	
mORF_+_3218240	3218240	3218254	+	2	15	GTG	TAA	0	0	
mORF_+_3218295	3218295	3218303	+	3	9	ATG	TGA	0	0	
mORF_+_3218300	3218300	3218317	+	2	18	ATG	TGA	0	0	
mORF_+_3218327	3218327	3218434	+	2	108	ATG	TGA	0	0	
mORF_+_3218441	3218441	3218686	+	2	246	TTG	TGA	0	0	
mORF_+_3218693	3218693	3218809	+	2	117	TTG	TGA	0	0	
mORF_+_3218819	3218819	3218839	+	2	21	TTG	TGA	0	0	
mORF_+_3218826	3218826	3218831	+	3	6	GTG	TGA	0	0	
mORF_+_3218879	3218879	3219289	+	2	411	GTG	TAA	0	0	
mORF_+_3218907	3218907	3218981	+	3	75	ATG	TAA	0	0	
mORF_+_3219025	3219025	3219114	+	1	90	ATG	TAG	0	0	
mORF_+_3219060	3219060	3219074	+	3	15	TTG	TAA	0	0	
mORF_+_3219138	3219138	3219284	+	3	147	TTG	TAG	0	0	
mORF_+_3219172	3219172	3219255	+	1	84	ATG	TAA	0	0	
mORF_+_3219339	3219339	3219428	+	3	90	ATG	TGA	0	0	
mORF_+_3219346	3219346	3219357	+	1	12	ATG	TGA	0	0	
mORF_+_3219376	3219376	3219558	+	1	183	GTG	TGA	0	0	
mORF_+_3219425	3219425	3219436	+	2	12	GTG	TAA	0	0	
mORF_+_3219488	3219488	3220471	+	2	984	ATG	TAA	4	10	pORF_+_3219488
mORF_+_3219555	3219555	3219572	+	3	18	ATG	TGA	0	0	
mORF_+_3219573	3219573	3219578	+	3	6	ATG	TGA	0	0	
mORF_+_3219639	3219639	3219845	+	3	207	GTG	TAA	0	0	
mORF_+_3219763	3219763	3219801	+	1	39	GTG	TGA	0	0	
mORF_+_3219846	3219846	3219893	+	3	48	TTG	TGA	0	0	
mORF_+_3219942	3219942	3220094	+	3	153	ATG	TGA	0	0	
mORF_+_3220152	3220152	3220262	+	3	111	ATG	TGA	0	0	
mORF_+_3220389	3220389	3220427	+	3	39	ATG	TAG	0	0	
mORF_+_3220502	3220502	3223747	+	2	3246	TTG	TGA	0	0	
mORF_+_3220512	3220512	3220547	+	3	36	GTG	TAA	0	0	
mORF_+_3220548	3220548	3220571	+	3	24	ATG	TAG	0	0	
mORF_+_3220623	3220623	3220658	+	3	36	ATG	TGA	0	0	
mORF_+_3220698	3220698	3220787	+	3	90	TTG	TAA	0	0	
mORF_+_3220795	3220795	3220815	+	1	21	GTG	TGA	0	0	
mORF_+_3220812	3220812	3220856	+	3	45	TTG	TAA	0	0	
mORF_+_3220891	3220891	3220977	+	1	87	GTG	TAA	0	0	
mORF_+_3220953	3220953	3221042	+	3	90	ATG	TGA	0	0	
mORF_+_3221049	3221049	3221123	+	3	75	TTG	TGA	0	0	
mORF_+_3221133	3221133	3221186	+	3	54	TTG	TGA	0	0	
mORF_+_3221173	3221173	3221289	+	1	117	GTG	TAA	0	0	

mORF_+_3221253	3221253	3221279	+	3	27	ATG	TAA	0	0
mORF_+_3221313	3221313	3221468	+	3	156	TTG	TGA	0	0
mORF_+_3221326	3221326	3221412	+	1	87	TTG	TGA	0	0
mORF_+_3221481	3221481	3221549	+	3	69	TTG	TGA	0	0
mORF_+_3221509	3221509	3221610	+	1	102	ATG	TGA	0	0
mORF_+_3221598	3221598	3221657	+	3	60	TTG	TGA	0	0
mORF_+_3221709	3221709	3221744	+	3	36	TTG	TGA	0	0
mORF_+_3221812	3221812	3221817	+	1	6	GTG	TGA	0	0
mORF_+_3221814	3221814	3221837	+	3	24	GTG	TGA	0	0
mORF_+_3221868	3221868	3222140	+	3	273	TTG	TGA	0	0
mORF_+_3221911	3221911	3222000	+	1	90	GTG	TGA	0	0
mORF_+_3222144	3222144	3222227	+	3	84	ATG	TGA	0	0
mORF_+_3222259	3222259	3222339	+	1	81	TTG	TAA	0	0
mORF_+_3222276	3222276	3222398	+	3	123	ATG	TGA	0	0
mORF_+_3222514	3222514	3222531	+	1	18	GTG	TGA	0	0
mORF_+_3222528	3222528	3222686	+	3	159	TTG	TGA	0	0
mORF_+_3222792	3222792	3222806	+	3	15	ATG	TGA	0	0
mORF_+_3222876	3222876	3222902	+	3	27	GTG	TGA	0	0
mORF_+_3222903	3222903	3222920	+	3	18	ATG	TGA	0	0
mORF_+_3222988	3222988	3223059	+	1	72	GTG	TGA	0	0
mORF_+_3223035	3223035	3223043	+	3	9	TTG	TAG	0	0
mORF_+_3223053	3223053	3223067	+	3	15	ATG	TGA	0	0
mORF_+_3223086	3223086	3223406	+	3	321	TTG	TGA	0	0
mORF_+_3223207	3223207	3223233	+	1	27	GTG	TAA	0	0
mORF_+_3223524	3223524	3223541	+	3	18	GTG	TGA	0	0
mORF_+_3223560	3223560	3223760	+	3	201	TTG	TAA	0	0
mORF_+_3223744	3223744	3224193	+	1	450	ATG	TAA	0	0
mORF_+_3223800	3223800	3223817	+	3	18	GTG	TGA	0	0
mORF_+_3223814	3223814	3223879	+	2	66	TTG	TGA	0	0
mORF_+_3223910	3223910	3224008	+	2	99	ATG	TAG	0	0
mORF_+_3224021	3224021	3224047	+	2	27	GTG	TAA	0	0
mORF_+_3224066	3224066	3224263	+	2	198	TTG	TGA	0	0
mORF_+_3224094	3224094	3224108	+	3	15	TTG	TGA	0	0
mORF_+_3224251	3224251	3224307	+	1	57	GTG	TGA	0	0
mORF_+_3224256	3224256	3225689	+	3	1434	ATG	TAA	0	0
mORF_+_3224311	3224311	3224424	+	1	114	TTG	TGA	0	0
mORF_+_3224437	3224437	3224448	+	1	12	TTG	TAA	0	0
mORF_+_3224467	3224467	3224484	+	1	18	GTG	TAA	0	0
mORF_+_3224477	3224477	3224803	+	2	327	GTG	TGA	0	0
mORF_+_3224578	3224578	3224622	+	1	45	TTG	TGA	0	0
mORF_+_3224629	3224629	3224733	+	1	105	TTG	TGA	0	0
mORF_+_3224782	3224782	3224826	+	1	45	TTG	TGA	0	0
mORF_+_3224884	3224884	3224952	+	1	69	GTG	TGA	0	0
mORF_+_3225085	3225085	3225105	+	1	21	TTG	TGA	0	0
mORF_+_3225115	3225115	3225159	+	1	45	TTG	TGA	0	0
mORF_+_3225161	3225161	3225220	+	2	60	GTG	TAA	0	0
mORF_+_3225214	3225214	3225237	+	1	24	TTG	TGA	0	0
mORF_+_3225266	3225266	3225355	+	2	90	GTG	TAA	0	0
mORF_+_3225481	3225481	3225495	+	1	15	TTG	TGA	0	0
mORF_+_3225496	3225496	3225513	+	1	18	TTG	TAG	0	0
mORF_+_3225517	3225517	3225555	+	1	39	TTG	TGA	0	0
mORF_+_3225583	3225583	3225630	+	1	48	TTG	TAA	0	0
mORF_+_3225605	3225605	3225622	+	2	18	GTG	TAA	0	0
mORF_+_3225658	3225658	3225708	+	1	51	TTG	TGA	0	0
mORF_+_3225705	3225705	3225773	+	3	69	ATG	TAA	0	0
mORF_+_3225810	3225810	3225818	+	3	9	ATG	TAA	0	0
mORF_+_3225823	3225823	3226893	+	1	1071	ATG	TAA	0	0
mORF_+_3225843	3225843	3225920	+	3	78	ATG	TGA	0	0
mORF_+_3225857	3225857	3225985	+	2	129	TTG	TAG	0	0
mORF_+_3225989	3225989	3226009	+	2	21	TTG	TAG	0	0
mORF_+_3226013	3226013	3226069	+	2	57	GTG	TGA	0	0
mORF_+_3226136	3226136	3226330	+	2	195	ATG	TGA	0	0
mORF_+_3226269	3226269	3226373	+	3	105	ATG	TAG	0	0

mORF_+_3226400	3226400	3226474	+	2	75	ATG	TGA	0	0	
mORF_+_3226493	3226493	3226522	+	2	30	ATG	TGA	0	0	
mORF_+_3226586	3226586	3226657	+	2	72	TTG	TGA	0	0	
mORF_+_3226673	3226673	3226684	+	2	12	ATG	TAA	0	0	
mORF_+_3226745	3226745	3226834	+	2	90	ATG	TGA	0	0	
mORF_+_3226838	3226838	3226873	+	2	36	ATG	TGA	0	0	
mORF_+_3226910	3226910	3229261	+	2	2352	ATG	TAA	0	0	
mORF_+_3226971	3226971	3227003	+	3	33	ATG	TGA	0	0	
mORF_+_3227094	3227094	3227156	+	3	63	ATG	TGA	0	0	
mORF_+_3227259	3227259	3227279	+	3	21	GTG	TGA	0	0	
mORF_+_3227289	3227289	3227306	+	3	18	ATG	TGA	0	0	
mORF_+_3227380	3227380	3227439	+	1	60	GTG	TAA	0	0	
mORF_+_3227445	3227445	3227501	+	3	57	TTG	TGA	0	0	
mORF_+_3227511	3227511	3227543	+	3	33	TTG	TGA	0	0	
mORF_+_3227799	3227799	3227831	+	3	33	ATG	TGA	0	0	
mORF_+_3227874	3227874	3227882	+	3	9	GTG	TGA	0	0	
mORF_+_3227944	3227944	3228048	+	1	105	GTG	TAG	0	0	
mORF_+_3227967	3227967	3228086	+	3	120	TTG	TGA	0	0	
mORF_+_3228091	3228091	3228102	+	1	12	GTG	TAG	0	0	
mORF_+_3228111	3228111	3228176	+	3	66	GTG	TGA	0	0	
mORF_+_3228253	3228253	3228264	+	1	12	GTG	TAA	0	0	
mORF_+_3228297	3228297	3228356	+	3	60	ATG	TGA	0	0	
mORF_+_3228453	3228453	3228566	+	3	114	TTG	TGA	0	0	
mORF_+_3228463	3228463	3228480	+	1	18	GTG	TGA	0	0	
mORF_+_3228789	3228789	3228926	+	3	138	ATG	TGA	0	0	
mORF_+_3228960	3228960	3228986	+	3	27	TTG	TAA	0	0	
mORF_+_3228999	3228999	3229058	+	3	60	TTG	TGA	0	0	
mORF_+_3229030	3229030	3229086	+	1	57	ATG	TGA	0	0	
mORF_+_3229083	3229083	3229097	+	3	15	GTG	TGA	0	0	
mORF_+_3229143	3229143	3229175	+	3	33	ATG	TGA	0	0	
mORF_+_3229212	3229212	3229289	+	3	78	GTG	TAA	0	0	
mORF_+_3229279	3229279	3229332	+	1	54	ATG	TAA	0	0	
mORF_+_3229308	3229308	3229523	+	3	216	ATG	TAA	0	0	
mORF_+_3229310	3229310	3229423	+	2	114	GTG	TAG	0	0	
mORF_+_3229408	3229408	3229635	+	1	228	ATG	TAA	0	0	
mORF_+_3229508	3229508	3229582	+	2	75	ATG	TGA	0	0	
mORF_+_3229687	3229687	3231705	+	1	2019	ATG	TAA	8	28	pORF_+_3229687
mORF_+_3229793	3229793	3229849	+	2	57	GTG	TGA	0	0	
mORF_+_3229850	3229850	3229879	+	2	30	TTG	TAA	0	0	
mORF_+_3229886	3229886	3229981	+	2	96	TTG	TAG	0	0	
mORF_+_3230075	3230075	3230083	+	2	9	ATG	TAA	0	0	
mORF_+_3230087	3230087	3230107	+	2	21	ATG	TGA	0	0	
mORF_+_3230159	3230159	3230164	+	2	6	GTG	TAG	0	0	
mORF_+_3230228	3230228	3230275	+	2	48	GTG	TAG	0	0	
mORF_+_3230235	3230235	3230402	+	3	168	GTG	TGA	0	0	
mORF_+_3230285	3230285	3230383	+	2	99	GTG	TAG	0	0	
mORF_+_3230399	3230399	3230515	+	2	117	TTG	TGA	0	0	
mORF_+_3230570	3230570	3230755	+	2	186	TTG	TGA	0	0	
mORF_+_3230688	3230688	3230861	+	3	174	TTG	TAA	0	0	
mORF_+_3230828	3230828	3230887	+	2	60	GTG	TAA	0	0	
mORF_+_3230894	3230894	3230992	+	2	99	TTG	TGA	0	0	
mORF_+_3231059	3231059	3231133	+	2	75	ATG	TGA	0	0	
mORF_+_3231143	3231143	3231229	+	2	87	ATG	TAA	0	0	
mORF_+_3231192	3231192	3231212	+	3	21	TTG	TGA	0	0	
mORF_+_3231275	3231275	3231319	+	2	45	ATG	TAA	0	0	
mORF_+_3231279	3231279	3231296	+	3	18	ATG	TAG	0	0	
mORF_+_3231359	3231359	3231364	+	2	6	TTG	TGA	0	0	
mORF_+_3231449	3231449	3231454	+	2	6	GTG	TGA	0	0	
mORF_+_3231485	3231485	3231511	+	2	27	TTG	TGA	0	0	
mORF_+_3231545	3231545	3231553	+	2	9	ATG	TGA	0	0	
mORF_+_3231599	3231599	3231625	+	2	27	TTG	TAA	0	0	
mORF_+_3231626	3231626	3231760	+	2	135	TTG	TAA	0	0	
mORF_+_3231714	3231714	3231818	+	3	105	TTG	TAA	0	0	

mORF_+_3231775	3231775	3231900	+	1	126	ATG	TGA	0	0
mORF_+_3231788	3231788	3231802	+	2	15	TTG	TAG	0	0
mORF_+_3231842	3231842	3231853	+	2	12	GTG	TAG	0	0
mORF_+_3231897	3231897	3231980	+	3	84	TTG	TGA	0	0
mORF_+_3231937	3231937	3231945	+	1	9	ATG	TGA	0	0
mORF_+_3231949	3231949	3232053	+	1	105	ATG	TGA	0	0
mORF_+_3232050	3232050	3232127	+	3	78	ATG	TAG	0	0
mORF_+_3232075	3232075	3232095	+	1	21	GTG	TGA	0	0
mORF_+_3232112	3232112	3232279	+	2	168	GTG	TAA	0	0
mORF_+_3232140	3232140	3232187	+	3	48	TTG	TGA	0	0
mORF_+_3232147	3232147	3232179	+	1	33	ATG	TAG	0	0
mORF_+_3232233	3232233	3232238	+	3	6	ATG	TAG	0	0
mORF_+_3232264	3232264	3232299	+	1	36	TTG	TGA	0	0
mORF_+_3232284	3232284	3232307	+	3	24	TTG	TAA	0	0
mORF_+_3232307	3232307	3232357	+	2	51	ATG	TAA	0	0
mORF_+_3232323	3232323	3232463	+	3	141	TTG	TGA	0	0
mORF_+_3232339	3232339	3232374	+	1	36	ATG	TGA	0	0
mORF_+_3232421	3232421	3232543	+	2	123	ATG	TGA	0	0
mORF_+_3232453	3232453	3232512	+	1	60	ATG	TGA	0	0
mORF_+_3232509	3232509	3232568	+	3	60	ATG	TAA	0	0
mORF_+_3232522	3232522	3232557	+	1	36	TTG	TGA	0	0
mORF_+_3232594	3232594	3232599	+	1	6	ATG	TAG	0	0
mORF_+_3232603	3232603	3232701	+	1	99	ATG	TAA	0	0
mORF_+_3232620	3232620	3232709	+	3	90	TTG	TGA	0	0
mORF_+_3232658	3232658	3232822	+	2	165	TTG	TAG	0	0
mORF_+_3232822	3232822	3232863	+	1	42	GTG	TAA	0	0
mORF_+_3232854	3232854	3233648	+	3	795	ATG	TAA	0	0
mORF_+_3232876	3232876	3232974	+	1	99	TTG	TGA	0	0
mORF_+_3232984	3232984	3233457	+	1	474	TTG	TGA	0	0
mORF_+_3233396	3233396	3233485	+	2	90	ATG	TAA	0	0
mORF_+_3233458	3233458	3233592	+	1	135	ATG	TAG	0	0
mORF_+_3233489	3233489	3233503	+	2	15	GTG	TGA	0	0
mORF_+_3233540	3233540	3233563	+	2	24	ATG	TGA	0	0
mORF_+_3233599	3233599	3233913	+	1	315	GTG	TGA	0	0
mORF_+_3233678	3233678	3233833	+	2	156	ATG	TAA	0	0
mORF_+_3233703	3233703	3233726	+	3	24	ATG	TAA	0	0
mORF_+_3233787	3233787	3233825	+	3	39	TTG	TAG	0	0
mORF_+_3233856	3233856	3233861	+	3	6	TTG	TAG	0	0
mORF_+_3233861	3233861	3234049	+	2	189	GTG	TAA	0	0
mORF_+_3233889	3233889	3233909	+	3	21	GTG	TGA	0	0
mORF_+_3233910	3233910	3233936	+	3	27	ATG	TGA	0	0
mORF_+_3233946	3233946	3234485	+	3	540	GTG	TGA	0	0
mORF_+_3234067	3234067	3234144	+	1	78	ATG	TGA	0	0
mORF_+_3234163	3234163	3234186	+	1	24	ATG	TGA	0	0
mORF_+_3234190	3234190	3234213	+	1	24	ATG	TAA	0	0
mORF_+_3234247	3234247	3234267	+	1	21	GTG	TGA	0	0
mORF_+_3234395	3234395	3234430	+	2	36	GTG	TGA	0	0
mORF_+_3234427	3234427	3234453	+	1	27	TTG	TAA	0	0
mORF_+_3234446	3234446	3234526	+	2	81	GTG	TAA	0	0
mORF_+_3234466	3234466	3234519	+	1	54	TTG	TAG	0	0
mORF_+_3234562	3234562	3235254	+	1	693	ATG	TAA	0	0
mORF_+_3234575	3234575	3234619	+	2	45	TTG	TAA	0	0
mORF_+_3234597	3234597	3234737	+	3	141	TTG	TAA	0	0
mORF_+_3234623	3234623	3234679	+	2	57	TTG	TAA	0	0
mORF_+_3234713	3234713	3234829	+	2	117	ATG	TGA	0	0
mORF_+_3234831	3234831	3234854	+	3	24	ATG	TAA	0	0
mORF_+_3234845	3234845	3234901	+	2	57	GTG	TGA	0	0
mORF_+_3234941	3234941	3234970	+	2	30	ATG	TAG	0	0
mORF_+_3234974	3234974	3235105	+	2	132	GTG	TGA	0	0
mORF_+_3235145	3235145	3235159	+	2	15	GTG	TGA	0	0
mORF_+_3235160	3235160	3235213	+	2	54	TTG	TGA	0	0
mORF_+_3235214	3235214	3235336	+	2	123	TTG	TGA	0	0
mORF_+_3235254	3235254	3235280	+	3	27	ATG	TGA	0	0

mORF_+_3235288	3235288	3235299	+	1	12	GTG	TGA	0	0	
mORF_+_3235296	3235296	3235397	+	3	102	TTG	TGA	0	0	
mORF_+_3235315	3235315	3236319	+	1	1005	ATG	TAA	5	15	pORF_+_3235315
mORF_+_3235352	3235352	3235417	+	2	66	TTG	TAA	0	0	
mORF_+_3235439	3235439	3235603	+	2	165	TTG	TGA	0	0	
mORF_+_3235605	3235605	3235688	+	3	84	TTG	TGA	0	0	
mORF_+_3235643	3235643	3235981	+	2	339	ATG	TGA	0	0	
mORF_+_3235779	3235779	3235820	+	3	42	TTG	TGA	0	0	
mORF_+_3235991	3235991	3236077	+	2	87	GTG	TGA	0	0	
mORF_+_3236078	3236078	3236263	+	2	186	TTG	TGA	0	0	
mORF_+_3236094	3236094	3236162	+	3	69	ATG	TAA	0	0	
mORF_+_3236320	3236320	3236331	+	1	12	TTG	TAA	0	0	
mORF_+_3236336	3236336	3236341	+	2	6	GTG	TAA	0	0	
mORF_+_3236347	3236347	3236352	+	1	6	ATG	TAA	0	0	
mORF_+_3236360	3236360	3236371	+	2	12	TTG	TGA	0	0	
mORF_+_3236372	3236372	3236509	+	2	138	ATG	TAA	0	0	
mORF_+_3236415	3236415	3236444	+	3	30	TTG	TGA	0	0	
mORF_+_3236437	3236437	3236544	+	1	108	ATG	TAA	0	0	
mORF_+_3236510	3236510	3236605	+	2	96	GTG	TGA	0	0	
mORF_+_3236571	3236571	3236768	+	3	198	TTG	TAA	0	0	
mORF_+_3236587	3236587	3236592	+	1	6	GTG	TAA	0	0	
mORF_+_3236602	3236602	3237567	+	1	966	ATG	TAA	0	0	
mORF_+_3236645	3236645	3236710	+	2	66	TTG	TGA	0	0	
mORF_+_3236781	3236781	3236858	+	3	78	GTG	TGA	0	0	
mORF_+_3236813	3236813	3236854	+	2	42	TTG	TGA	0	0	
mORF_+_3236855	3236855	3236896	+	2	42	TTG	TGA	0	0	
mORF_+_3236951	3236951	3236989	+	2	39	ATG	TGA	0	0	
mORF_+_3237044	3237044	3237070	+	2	27	GTG	TGA	0	0	
mORF_+_3237086	3237086	3237151	+	2	66	ATG	TGA	0	0	
mORF_+_3237179	3237179	3237217	+	2	39	TTG	TGA	0	0	
mORF_+_3237308	3237308	3237316	+	2	9	TTG	TGA	0	0	
mORF_+_3237329	3237329	3237376	+	2	48	TTG	TAG	0	0	
mORF_+_3237401	3237401	3237415	+	2	15	ATG	TGA	0	0	
mORF_+_3237446	3237446	3237508	+	2	63	TTG	TGA	0	0	
mORF_+_3237545	3237545	3237574	+	2	30	ATG	TAA	0	0	
mORF_+_3237587	3237587	3237652	+	2	66	GTG	TGA	0	0	
mORF_+_3237649	3237649	3237696	+	1	48	GTG	TAA	0	0	
mORF_+_3237671	3237671	3237742	+	2	72	ATG	TGA	0	0	
mORF_+_3237739	3237739	3237807	+	1	69	TTG	TAA	0	0	
mORF_+_3237770	3237770	3237832	+	2	63	TTG	TAA	0	0	
mORF_+_3237795	3237795	3237800	+	3	6	ATG	TAA	0	0	
mORF_+_3237883	3237883	3237969	+	1	87	TTG	TGA	0	0	
mORF_+_3237894	3237894	3237953	+	3	60	TTG	TGA	0	0	
mORF_+_3237911	3237911	3238180	+	2	270	ATG	TAA	0	0	
mORF_+_3237966	3237966	3239210	+	3	1245	ATG	TAA	5	15	pORF_+_3237966
mORF_+_3238009	3238009	3238023	+	1	15	ATG	TAA	0	0	
mORF_+_3238042	3238042	3238104	+	1	63	TTG	TAG	0	0	
mORF_+_3238135	3238135	3238155	+	1	21	TTG	TGA	0	0	
mORF_+_3238174	3238174	3238266	+	1	93	TTG	TAG	0	0	
mORF_+_3238276	3238276	3238350	+	1	75	TTG	TGA	0	0	
mORF_+_3238427	3238427	3238465	+	2	39	GTG	TAA	0	0	
mORF_+_3238501	3238501	3238521	+	1	21	ATG	TGA	0	0	
mORF_+_3238546	3238546	3238785	+	1	240	TTG	TGA	0	0	
mORF_+_3238601	3238601	3238666	+	2	66	GTG	TAA	0	0	
mORF_+_3238679	3238679	3238699	+	2	21	GTG	TAA	0	0	
mORF_+_3238721	3238721	3238801	+	2	81	GTG	TGA	0	0	
mORF_+_3238798	3238798	3238809	+	1	12	GTG	TGA	0	0	
mORF_+_3238973	3238973	3239035	+	2	63	GTG	TAA	0	0	
mORF_+_3238975	3238975	3239019	+	1	45	GTG	TGA	0	0	
mORF_+_3239074	3239074	3239127	+	1	54	TTG	TGA	0	0	
mORF_+_3239111	3239111	3239140	+	2	30	TTG	TGA	0	0	
mORF_+_3239162	3239162	3239194	+	2	33	TTG	TAG	0	0	
mORF_+_3239211	3239211	3239258	+	3	48	TTG	TAA	0	0	

mORF_+_3239297	3239297	3239374	+	2	78	ATG	TGA	0	0
mORF_+_3239371	3239371	3239394	+	1	24	GTG	TGA	0	0
mORF_+_3239391	3239391	3239453	+	3	63	TTG	TGA	0	0
mORF_+_3239414	3239414	3239491	+	2	78	ATG	TGA	0	0
mORF_+_3239488	3239488	3239550	+	1	63	ATG	TAA	0	0
mORF_+_3239558	3239558	3239617	+	2	60	GTG	TAG	0	0
mORF_+_3239574	3239574	3239591	+	3	18	ATG	TAA	0	0
mORF_+_3239618	3239618	3239659	+	2	42	GTG	TAG	0	0
mORF_+_3239635	3239635	3239871	+	1	237	ATG	TGA	0	0
mORF_+_3239675	3239675	3239779	+	2	105	TTG	TAG	0	0
mORF_+_3239703	3239703	3239711	+	3	9	ATG	TGA	0	0
mORF_+_3239868	3239868	3239993	+	3	126	TTG	TGA	0	0
mORF_+_3239912	3239912	3240172	+	2	261	TTG	TAA	0	0
mORF_+_3240042	3240042	3240209	+	3	168	TTG	TAA	0	0
mORF_+_3240259	3240259	3240282	+	1	24	GTG	TGA	0	0
mORF_+_3240264	3240264	3240320	+	3	57	TTG	TAG	0	0
mORF_+_3240307	3240307	3240342	+	1	36	ATG	TAA	0	0
mORF_+_3240332	3240332	3240838	+	2	507	ATG	TGA	0	0
mORF_+_3240351	3240351	3240485	+	3	135	TTG	TAG	0	0
mORF_+_3240388	3240388	3240462	+	1	75	TTG	TAG	0	0
mORF_+_3240576	3240576	3240620	+	3	45	TTG	TGA	0	0
mORF_+_3240672	3240672	3240680	+	3	9	ATG	TGA	0	0
mORF_+_3240718	3240718	3240816	+	1	99	ATG	TAA	0	0
mORF_+_3240732	3240732	3240821	+	3	90	TTG	TGA	0	0
mORF_+_3240835	3240835	3240858	+	1	24	GTG	TGA	0	0
mORF_+_3240849	3240849	3241007	+	3	159	GTG	TAG	0	0
mORF_+_3240851	3240851	3241201	+	2	351	GTG	TAA	0	0
mORF_+_3240952	3240952	3240996	+	1	45	TTG	TAG	0	0
mORF_+_3241092	3241092	3241112	+	3	21	GTG	TGA	0	0
mORF_+_3241141	3241141	3241170	+	1	30	ATG	TGA	0	0
mORF_+_3241167	3241167	3241391	+	3	225	TTG	TAA	0	0
mORF_+_3241186	3241186	3241242	+	1	57	TTG	TAA	0	0
mORF_+_3241211	3241211	3241291	+	2	81	ATG	TAA	0	0
mORF_+_3241316	3241316	3241354	+	2	39	ATG	TAG	0	0
mORF_+_3241364	3241364	3241375	+	2	12	ATG	TAG	0	0
mORF_+_3241385	3241385	3241501	+	2	117	TTG	TGA	0	0
mORF_+_3241437	3241437	3241616	+	3	180	GTG	TAA	0	0
mORF_+_3241498	3241498	3241512	+	1	15	GTG	TGA	0	0
mORF_+_3241505	3241505	3241588	+	2	84	GTG	TGA	0	0
mORF_+_3241576	3241576	3242400	+	1	825	TTG	TGA	0	0
mORF_+_3241643	3241643	3241843	+	2	201	TTG	TGA	0	0
mORF_+_3241850	3241850	3242071	+	2	222	TTG	TGA	0	0
mORF_+_3241899	3241899	3241940	+	3	42	GTG	TGA	0	0
mORF_+_3242093	3242093	3242167	+	2	75	TTG	TAG	0	0
mORF_+_3242189	3242189	3242266	+	2	78	ATG	TGA	0	0
mORF_+_3242294	3242294	3242587	+	2	294	GTG	TAG	0	0
mORF_+_3242397	3242397	3242423	+	3	27	TTG	TGA	0	0
mORF_+_3242449	3242449	3242466	+	1	18	GTG	TAA	0	0
mORF_+_3242482	3242482	3242733	+	1	252	GTG	TAA	0	0
mORF_+_3242606	3242606	3242632	+	2	27	ATG	TAG	0	0
mORF_+_3242691	3242691	3242753	+	3	63	TTG	TAA	0	0
mORF_+_3242784	3242784	3242792	+	3	9	GTG	TAG	0	0
mORF_+_3242794	3242794	3242814	+	1	21	TTG	TGA	0	0
mORF_+_3242808	3242808	3242864	+	3	57	ATG	TAG	0	0
mORF_+_3242899	3242899	3242952	+	1	54	GTG	TAA	0	0
mORF_+_3242936	3242936	3242998	+	2	63	TTG	TAA	0	0
mORF_+_3242952	3242952	3242981	+	3	30	ATG	TGA	0	0
mORF_+_3243001	3243001	3243039	+	1	39	TTG	TAA	0	0
mORF_+_3243005	3243005	3243082	+	2	78	ATG	TGA	0	0
mORF_+_3243049	3243049	3243078	+	1	30	ATG	TAG	0	0
mORF_+_3243072	3243072	3243092	+	3	21	TTG	TAA	0	0
mORF_+_3243079	3243079	3243174	+	1	96	ATG	TAA	0	0
mORF_+_3243126	3243126	3244544	+	3	1419	ATG	TAA	0	0

mORF_+_3243143	3243143	3243178	+	2	36	GTG	TAA	0	0	
mORF_+_3243199	3243199	3243237	+	1	39	ATG	TGA	0	0	
mORF_+_3243269	3243269	3243325	+	2	57	TTG	TAA	0	0	
mORF_+_3243307	3243307	3243318	+	1	12	TTG	TGA	0	0	
mORF_+_3243445	3243445	3243591	+	1	147	ATG	TGA	0	0	
mORF_+_3243497	3243497	3243535	+	2	39	GTG	TAG	0	0	
mORF_+_3243620	3243620	3243664	+	2	45	ATG	TAA	0	0	
mORF_+_3243679	3243679	3243690	+	1	12	TTG	TGA	0	0	
mORF_+_3243691	3243691	3243723	+	1	33	TTG	TAA	0	0	
mORF_+_3243710	3243710	3243802	+	2	93	ATG	TAA	0	0	
mORF_+_3243757	3243757	3243765	+	1	9	GTG	TGA	0	0	
mORF_+_3243832	3243832	3243882	+	1	51	ATG	TGA	0	0	
mORF_+_3243904	3243904	3244032	+	1	129	TTG	TGA	0	0	
mORF_+_3243989	3243989	3244012	+	2	24	GTG	TAA	0	0	
mORF_+_3244069	3244069	3244134	+	1	66	TTG	TGA	0	0	
mORF_+_3244082	3244082	3244153	+	2	72	TTG	TAA	0	0	
mORF_+_3244171	3244171	3244182	+	1	12	GTG	TGA	0	0	
mORF_+_3244186	3244186	3244200	+	1	15	TTG	TGA	0	0	
mORF_+_3244222	3244222	3244284	+	1	63	ATG	TGA	0	0	
mORF_+_3244241	3244241	3244315	+	2	75	GTG	TAA	0	0	
mORF_+_3244300	3244300	3244341	+	1	42	ATG	TAA	0	0	
mORF_+_3244355	3244355	3244402	+	2	48	ATG	TGA	0	0	
mORF_+_3244375	3244375	3244455	+	1	81	TTG	TAG	0	0	
mORF_+_3244456	3244456	3244563	+	1	108	GTG	TAG	0	0	
mORF_+_3244551	3244551	3244556	+	3	6	GTG	TAA	0	0	
mORF_+_3244630	3244630	3244638	+	1	9	GTG	TAA	0	0	
mORF_+_3244659	3244659	3245450	+	3	792	ATG	TGA	9	30	pORF_+_3244659
mORF_+_3244711	3244711	3244725	+	1	15	TTG	TGA	0	0	
mORF_+_3244759	3244759	3244818	+	1	60	GTG	TAG	0	0	
mORF_+_3244822	3244822	3245022	+	1	201	GTG	TAA	0	0	
mORF_+_3245078	3245078	3245089	+	2	12	ATG	TGA	0	0	
mORF_+_3245086	3245086	3245280	+	1	195	GTG	TGA	0	0	
mORF_+_3245096	3245096	3245185	+	2	90	GTG	TAG	0	0	
mORF_+_3245246	3245246	3245251	+	2	6	GTG	TGA	0	0	
mORF_+_3245296	3245296	3245499	+	1	204	ATG	TAA	0	0	
mORF_+_3245315	3245315	3245353	+	2	39	GTG	TAA	0	0	
mORF_+_3245447	3245447	3245512	+	2	66	ATG	TAA	0	0	
mORF_+_3245475	3245475	3245606	+	3	132	ATG	TGA	0	0	
mORF_+_3245524	3245524	3245529	+	1	6	GTG	TAA	0	0	
mORF_+_3245579	3245579	3245584	+	2	6	ATG	TAA	0	0	
mORF_+_3245587	3245587	3245622	+	1	36	TTG	TAG	0	0	
mORF_+_3245603	3245603	3245647	+	2	45	TTG	TGA	0	0	
mORF_+_3245610	3245610	3245633	+	3	24	TTG	TGA	0	0	
mORF_+_3245638	3245638	3245733	+	1	96	ATG	TAA	0	0	
mORF_+_3245648	3245648	3245671	+	2	24	ATG	TAA	0	0	
mORF_+_3245690	3245690	3245773	+	2	84	GTG	TAA	0	0	
mORF_+_3245736	3245736	3245744	+	3	9	TTG	TAG	0	0	
mORF_+_3245764	3245764	3245844	+	1	81	GTG	TGA	0	0	
mORF_+_3245795	3245795	3246457	+	2	663	ATG	TAA	0	0	
mORF_+_3245841	3245841	3245867	+	3	27	TTG	TGA	0	0	
mORF_+_3245868	3245868	3245897	+	3	30	TTG	TAA	0	0	
mORF_+_3245907	3245907	3245975	+	3	69	TTG	TGA	0	0	
mORF_+_3245976	3245976	3246020	+	3	45	TTG	TGA	0	0	
mORF_+_3246024	3246024	3246176	+	3	153	TTG	TAA	0	0	
mORF_+_3246067	3246067	3246153	+	1	87	ATG	TAA	0	0	
mORF_+_3246177	3246177	3246239	+	3	63	TTG	TGA	0	0	
mORF_+_3246283	3246283	3246639	+	1	357	GTG	TGA	0	0	
mORF_+_3246399	3246399	3246494	+	3	96	TTG	TAG	0	0	
mORF_+_3246461	3246461	3246844	+	2	384	ATG	TAA	0	0	
mORF_+_3246582	3246582	3246692	+	3	111	GTG	TAA	0	0	
mORF_+_3246699	3246699	3246809	+	3	111	TTG	TGA	0	0	
mORF_+_3246802	3246802	3246825	+	1	24	GTG	TAA	0	0	
mORF_+_3246875	3246875	3246892	+	2	18	TTG	TAA	0	0	

mORF_+_3246899	3246899	3246994	+	2	96	ATG	TGA	0	0	
mORF_+_3246906	3246906	3247034	+	3	129	ATG	TAG	0	0	
mORF_+_3246955	3246955	3246960	+	1	6	TTG	TAA	0	0	
mORF_+_3246976	3246976	3247359	+	1	384	ATG	TAA	6	19	pORF_+_3246976
mORF_+_3247025	3247025	3247141	+	2	117	TTG	TGA	0	0	
mORF_+_3247059	3247059	3247088	+	3	30	GTG	TAA	0	0	
mORF_+_3247154	3247154	3247255	+	2	102	GTG	TAG	0	0	
mORF_+_3247277	3247277	3247333	+	2	57	ATG	TGA	0	0	
mORF_+_3247397	3247397	3247702	+	2	306	ATG	TAA	35	1348	pORF_+_3247397
mORF_+_3247428	3247428	3247439	+	3	12	GTG	TGA	0	0	
mORF_+_3247560	3247560	3247673	+	3	114	GTG	TAG	0	0	
mORF_+_3247636	3247636	3248109	+	1	474	GTG	TAA	0	0	
mORF_+_3247766	3247766	3247792	+	2	27	TTG	TAG	0	0	
mORF_+_3247892	3247892	3247903	+	2	12	TTG	TGA	0	0	
mORF_+_3247923	3247923	3247934	+	3	12	TTG	TGA	0	0	
mORF_+_3247931	3247931	3247951	+	2	21	TTG	TGA	0	0	
mORF_+_3247952	3247952	3247960	+	2	9	ATG	TGA	0	0	
mORF_+_3247961	3247961	3247996	+	2	36	TTG	TGA	0	0	
mORF_+_3247997	3247997	3248065	+	2	69	TTG	TAG	0	0	
mORF_+_3248099	3248099	3248398	+	2	300	GTG	TAA	0	0	
mORF_+_3248118	3248118	3248240	+	3	123	GTG	TAA	0	0	
mORF_+_3248191	3248191	3248271	+	1	81	ATG	TAG	0	0	
mORF_+_3248262	3248262	3248276	+	3	15	TTG	TGA	0	0	
mORF_+_3248334	3248334	3248456	+	3	123	TTG	TGA	0	0	
mORF_+_3248341	3248341	3248364	+	1	24	ATG	TAA	0	0	
mORF_+_3248443	3248443	3248472	+	1	30	TTG	TAA	0	0	
mORF_+_3248453	3248453	3248497	+	2	45	TTG	TGA	0	0	
mORF_+_3248466	3248466	3248525	+	3	60	TTG	TAA	0	0	
mORF_+_3248494	3248494	3248976	+	1	483	ATG	TAA	0	0	
mORF_+_3248564	3248564	3248584	+	2	21	GTG	TGA	0	0	
mORF_+_3248600	3248600	3248617	+	2	18	ATG	TAG	0	0	
mORF_+_3248744	3248744	3248785	+	2	42	TTG	TGA	0	0	
mORF_+_3248852	3248852	3248875	+	2	24	TTG	TGA	0	0	
mORF_+_3248970	3248970	3248993	+	3	24	GTG	TAA	0	0	
mORF_+_3249025	3249025	3250032	+	1	1008	TTG	TAA	10	31	pORF_+_3249025
mORF_+_3249059	3249059	3249256	+	2	198	TTG	TGA	0	0	
mORF_+_3249237	3249237	3249341	+	3	105	GTG	TGA	0	0	
mORF_+_3249338	3249338	3249718	+	2	381	TTG	TAG	0	0	
mORF_+_3249453	3249453	3249527	+	3	75	GTG	TGA	0	0	
mORF_+_3249771	3249771	3249794	+	3	24	GTG	TGA	0	0	
mORF_+_3249791	3249791	3249808	+	2	18	TTG	TGA	0	0	
mORF_+_3249819	3249819	3249824	+	3	6	GTG	TGA	0	0	
mORF_+_3249821	3249821	3249850	+	2	30	GTG	TGA	0	0	
mORF_+_3249977	3249977	3250060	+	2	84	TTG	TGA	0	0	
mORF_+_3249984	3249984	3250001	+	3	18	GTG	TGA	0	0	
mORF_+_3250051	3250051	3250071	+	1	21	GTG	TAA	0	0	
mORF_+_3250072	3250072	3250242	+	1	171	GTG	TGA	0	0	
mORF_+_3250076	3250076	3250102	+	2	27	ATG	TGA	0	0	
mORF_+_3250092	3250092	3250115	+	3	24	ATG	TGA	0	0	
mORF_+_3250127	3250127	3250141	+	2	15	TTG	TAG	0	0	
mORF_+_3250143	3250143	3250304	+	3	162	TTG	TGA	0	0	
mORF_+_3250283	3250283	3250294	+	2	12	TTG	TAA	0	0	
mORF_+_3250301	3250301	3250318	+	2	18	GTG	TGA	0	0	
mORF_+_3250305	3250305	3250691	+	3	387	TTG	TAA	0	0	
mORF_+_3250315	3250315	3250341	+	1	27	TTG	TGA	0	0	
mORF_+_3250357	3250357	3250458	+	1	102	ATG	TAG	0	0	
mORF_+_3250474	3250474	3250491	+	1	18	GTG	TGA	0	0	
mORF_+_3250523	3250523	3250630	+	2	108	GTG	TAA	0	0	
mORF_+_3250663	3250663	3250755	+	1	93	TTG	TAA	0	0	
mORF_+_3250710	3250710	3250751	+	3	42	ATG	TGA	0	0	
mORF_+_3250748	3250748	3250774	+	2	27	ATG	TAA	0	0	
mORF_+_3250784	3250784	3250876	+	2	93	ATG	TAG	0	0	
mORF_+_3250818	3250818	3250832	+	3	15	ATG	TAA	0	0	

mORF_+_3250925	3250925	3250957	+	2	33	ATG	TAA	0	0	
mORF_+_3250933	3250933	3251289	+	1	357	ATG	TAA	0	0	
mORF_+_3250938	3250938	3250994	+	3	57	GTG	TAA	0	0	
mORF_+_3250964	3250964	3251017	+	2	54	ATG	TGA	0	0	
mORF_+_3251045	3251045	3251059	+	2	15	ATG	TGA	0	0	
mORF_+_3251123	3251123	3251353	+	2	231	TTG	TAA	0	0	
mORF_+_3251298	3251298	3251327	+	3	30	TTG	TAA	0	0	
mORF_+_3251359	3251359	3251541	+	1	183	TTG	TGA	0	0	
mORF_+_3251534	3251534	3251752	+	2	219	ATG	TGA	0	0	
mORF_+_3251557	3251557	3251688	+	1	132	GTG	TGA	0	0	
mORF_+_3251688	3251688	3251729	+	3	42	ATG	TAA	0	0	
mORF_+_3251740	3251740	3252120	+	1	381	TTG	TAG	0	0	
mORF_+_3251772	3251772	3251894	+	3	123	ATG	TAA	0	0	
mORF_+_3251852	3251852	3251941	+	2	90	TTG	TGA	0	0	
mORF_+_3251943	3251943	3252203	+	3	261	ATG	TAG	0	0	
mORF_+_3252125	3252125	3252196	+	2	72	GTG	TAA	0	0	
mORF_+_3252203	3252203	3252286	+	2	84	GTG	TAA	0	0	
mORF_+_3252229	3252229	3252294	+	1	66	TTG	TAG	0	0	
mORF_+_3252341	3252341	3253042	+	2	702	ATG	TAG	0	0	
mORF_+_3252367	3252367	3252471	+	1	105	GTG	TAA	0	0	
mORF_+_3252369	3252369	3252446	+	3	78	GTG	TAG	0	0	
mORF_+_3252450	3252450	3252536	+	3	87	ATG	TAA	0	0	
mORF_+_3252537	3252537	3252542	+	3	6	ATG	TGA	0	0	
mORF_+_3252549	3252549	3252677	+	3	129	ATG	TAA	0	0	
mORF_+_3252691	3252691	3252747	+	1	57	TTG	TAA	0	0	
mORF_+_3252783	3252783	3252947	+	3	165	GTG	TGA	0	0	
mORF_+_3252817	3252817	3252930	+	1	114	GTG	TGA	0	0	
mORF_+_3252954	3252954	3253025	+	3	72	GTG	TGA	0	0	
mORF_+_3253043	3253043	3253072	+	2	30	TTG	TAA	0	0	
mORF_+_3253059	3253059	3253229	+	3	171	ATG	TAA	1	31	pORF_+_3253059
mORF_+_3253144	3253144	3253164	+	1	21	TTG	TGA	0	0	
mORF_+_3253189	3253189	3253206	+	1	18	ATG	TAG	0	0	
mORF_+_3253213	3253213	3253290	+	1	78	ATG	TAA	0	0	
mORF_+_3253244	3253244	3253309	+	2	66	ATG	TAG	0	0	
mORF_+_3253320	3253320	3253385	+	3	66	ATG	TAA	0	0	
mORF_+_3253373	3253373	3253645	+	2	273	TTG	TAA	0	0	
mORF_+_3253408	3253408	3253431	+	1	24	TTG	TAA	0	0	
mORF_+_3253425	3253425	3253601	+	3	177	TTG	TGA	0	0	
mORF_+_3253465	3253465	3253518	+	1	54	ATG	TAA	0	0	
mORF_+_3253662	3253662	3253841	+	3	180	ATG	TAA	0	0	
mORF_+_3253735	3253735	3253938	+	1	204	ATG	TGA	0	0	
mORF_+_3253739	3253739	3253744	+	2	6	ATG	TAA	0	0	
mORF_+_3253908	3253908	3254066	+	3	159	ATG	TAA	0	0	
mORF_+_3253931	3253931	3254623	+	2	693	ATG	TGA	1	2	pORF_+_3253931
mORF_+_3253996	3253996	3254034	+	1	39	ATG	TAA	0	0	
mORF_+_3254152	3254152	3254286	+	1	135	TTG	TGA	0	0	
mORF_+_3254283	3254283	3254321	+	3	39	GTG	TAA	0	0	
mORF_+_3254346	3254346	3254477	+	3	132	GTG	TGA	0	0	
mORF_+_3254502	3254502	3254678	+	3	177	TTG	TAA	0	0	
mORF_+_3254633	3254633	3254638	+	2	6	ATG	TAA	0	0	
mORF_+_3254709	3254709	3254747	+	3	39	ATG	TGA	0	0	
mORF_+_3254744	3254744	3254803	+	2	60	GTG	TAA	0	0	
mORF_+_3254782	3254782	3255024	+	1	243	GTG	TAA	0	0	
mORF_+_3254787	3254787	3254858	+	3	72	ATG	TAG	0	0	
mORF_+_3254834	3254834	3254938	+	2	105	ATG	TGA	0	0	
mORF_+_3254877	3254877	3254927	+	3	51	GTG	TGA	0	0	
mORF_+_3254972	3254972	3255028	+	2	57	TTG	TAG	0	0	
mORF_+_3255006	3255006	3255050	+	3	45	TTG	TGA	0	0	
mORF_+_3255047	3255047	3255154	+	2	108	ATG	TAG	0	0	
mORF_+_3255117	3255117	3255191	+	3	75	GTG	TGA	0	0	
mORF_+_3255172	3255172	3255282	+	1	111	ATG	TGA	0	0	
mORF_+_3255188	3255188	3255205	+	2	18	GTG	TAG	0	0	
mORF_+_3255215	3255215	3255301	+	2	87	GTG	TAA	0	0	

mORF_+_3255246	3255246	3255332	+	3	87	TTG	TAA	0	0
mORF_+_3255368	3255368	3255562	+	2	195	ATG	TAA	0	0
mORF_+_3255421	3255421	3255504	+	1	84	ATG	TAA	0	0
mORF_+_3255519	3255519	3255632	+	3	114	GTG	TGA	0	0
mORF_+_3255604	3255604	3255690	+	1	87	ATG	TAA	0	0
mORF_+_3255626	3255626	3255646	+	2	21	TTG	TAG	0	0
mORF_+_3255695	3255695	3255718	+	2	24	ATG	TAA	0	0
mORF_+_3255725	3255725	3255739	+	2	15	ATG	TAA	0	0
mORF_+_3255753	3255753	3255773	+	3	21	GTG	TAA	0	0
mORF_+_3255798	3255798	3255908	+	3	111	TTG	TAA	0	0
mORF_+_3255920	3255920	3256138	+	2	219	GTG	TGA	0	0
mORF_+_3256020	3256020	3256034	+	3	15	ATG	TAA	0	0
mORF_+_3256051	3256051	3256056	+	1	6	TTG	TAG	0	0
mORF_+_3256093	3256093	3256125	+	1	33	ATG	TAG	0	0
mORF_+_3256135	3256135	3256185	+	1	51	ATG	TAA	0	0
mORF_+_3256191	3256191	3256217	+	3	27	ATG	TAA	0	0
mORF_+_3256243	3256243	3256326	+	1	84	TTG	TAA	0	0
mORF_+_3256266	3256266	3256298	+	3	33	GTG	TGA	0	0
mORF_+_3256274	3256274	3256291	+	2	18	TTG	TGA	0	0
mORF_+_3256304	3256304	3256345	+	2	42	ATG	TGA	0	0
mORF_+_3256326	3256326	3256655	+	3	330	ATG	TGA	0	0
mORF_+_3256342	3256342	3256479	+	1	138	GTG	TAA	0	0
mORF_+_3256505	3256505	3256603	+	2	99	TTG	TAG	0	0
mORF_+_3256627	3256627	3256710	+	1	84	TTG	TAG	0	0
mORF_+_3256677	3256677	3256730	+	3	54	ATG	TAG	0	0
mORF_+_3256738	3256738	3256797	+	1	60	TTG	TAA	0	0
mORF_+_3256797	3256797	3256937	+	3	141	ATG	TGA	0	0
mORF_+_3256819	3256819	3256860	+	1	42	GTG	TAA	0	0
mORF_+_3256968	3256968	3257126	+	3	159	TTG	TAA	0	0
mORF_+_3257021	3257021	3257083	+	2	63	ATG	TAG	0	0
mORF_+_3257090	3257090	3257155	+	2	66	GTG	TGA	0	0
mORF_+_3257156	3257156	3257257	+	2	102	GTG	TAA	0	0
mORF_+_3257283	3257283	3257873	+	3	591	GTG	TGA	0	0
mORF_+_3257303	3257303	3257407	+	2	105	ATG	TAA	0	0
mORF_+_3257341	3257341	3257415	+	1	75	TTG	TAA	0	0
mORF_+_3257416	3257416	3257436	+	1	21	ATG	TGA	0	0
mORF_+_3257492	3257492	3257512	+	2	21	ATG	TGA	0	0
mORF_+_3257509	3257509	3257586	+	1	78	GTG	TAA	0	0
mORF_+_3257540	3257540	3257557	+	2	18	ATG	TAA	0	0
mORF_+_3257605	3257605	3257649	+	1	45	TTG	TGA	0	0
mORF_+_3257618	3257618	3257830	+	2	213	ATG	TAG	0	0
mORF_+_3257659	3257659	3257667	+	1	9	ATG	TAA	0	0
mORF_+_3257839	3257839	3257979	+	1	141	ATG	TAA	0	0
mORF_+_3257870	3257870	3257989	+	2	120	TTG	TGA	0	0
mORF_+_3257992	3257992	3258066	+	1	75	TTG	TAA	0	0
mORF_+_3258021	3258021	3258050	+	3	30	GTG	TGA	0	0
mORF_+_3258047	3258047	3258079	+	2	33	GTG	TGA	0	0
mORF_+_3258093	3258093	3258122	+	3	30	TTG	TAA	0	0
mORF_+_3258109	3258109	3258162	+	1	54	TTG	TAA	0	0
mORF_+_3258169	3258169	3258177	+	1	9	GTG	TAA	0	0
mORF_+_3258185	3258185	3258424	+	2	240	TTG	TGA	0	0
mORF_+_3258202	3258202	3258210	+	1	9	GTG	TGA	0	0
mORF_+_3258207	3258207	3258224	+	3	18	TTG	TAG	0	0
mORF_+_3258238	3258238	3258249	+	1	12	TTG	TAG	0	0
mORF_+_3258270	3258270	3258320	+	3	51	ATG	TGA	0	0
mORF_+_3258375	3258375	3258455	+	3	81	TTG	TAG	0	0
mORF_+_3258421	3258421	3258459	+	1	39	TTG	TGA	0	0
mORF_+_3258456	3258456	3258647	+	3	192	GTG	TAG	0	0
mORF_+_3258484	3258484	3258528	+	1	45	ATG	TAG	0	0
mORF_+_3258515	3258515	3259291	+	2	777	ATG	TAA	0	0
mORF_+_3258544	3258544	3258603	+	1	60	GTG	TAG	0	0
mORF_+_3258649	3258649	3258663	+	1	15	TTG	TAA	0	0
mORF_+_3258699	3258699	3258872	+	3	174	ATG	TAG	0	0

mORF_+_3258787	3258787	3258810	+	1	24	TTG	TGA	0	0
mORF_+_3258856	3258856	3258864	+	1	9	ATG	TAG	0	0
mORF_+_3258918	3258918	3258932	+	3	15	TTG	TAG	0	0
mORF_+_3258936	3258936	3258986	+	3	51	ATG	TGA	0	0
mORF_+_3259005	3259005	3259013	+	3	9	TTG	TAA	0	0
mORF_+_3259036	3259036	3259089	+	1	54	GTG	TAA	0	0
mORF_+_3259090	3259090	3259119	+	1	30	TTG	TAG	0	0
mORF_+_3259123	3259123	3259167	+	1	45	GTG	TGA	0	0
mORF_+_3259197	3259197	3259361	+	3	165	TTG	TAG	0	0
mORF_+_3259327	3259327	3259341	+	1	15	GTG	TAG	0	0
mORF_+_3259343	3259343	3259924	+	2	582	GTG	TAA	0	0
mORF_+_3259374	3259374	3259508	+	3	135	TTG	TGA	0	0
mORF_+_3259432	3259432	3259500	+	1	69	TTG	TGA	0	0
mORF_+_3259522	3259522	3259539	+	1	18	GTG	TGA	0	0
mORF_+_3259536	3259536	3259571	+	3	36	TTG	TAG	0	0
mORF_+_3259585	3259585	3259860	+	1	276	ATG	TGA	0	0
mORF_+_3259590	3259590	3259643	+	3	54	GTG	TAA	0	0
mORF_+_3259776	3259776	3259856	+	3	81	ATG	TAA	0	0
mORF_+_3259860	3259860	3259886	+	3	27	ATG	TAG	0	0
mORF_+_3259896	3259896	3259913	+	3	18	ATG	TAG	0	0
mORF_+_3259966	3259966	3260016	+	1	51	GTG	TAA	0	0
mORF_+_3259994	3259994	3260065	+	2	72	ATG	TGA	0	0
mORF_+_3260062	3260062	3260073	+	1	12	ATG	TAA	0	0
mORF_+_3260082	3260082	3260177	+	3	96	ATG	TGA	0	0
mORF_+_3260096	3260096	3260101	+	2	6	GTG	TAG	0	0
mORF_+_3260126	3260126	3260449	+	2	324	TTG	TAA	0	0
mORF_+_3260185	3260185	3260343	+	1	159	TTG	TAA	0	0
mORF_+_3260187	3260187	3260330	+	3	144	GTG	TAG	0	0
mORF_+_3260395	3260395	3260442	+	1	48	ATG	TGA	0	0
mORF_+_3260439	3260439	3260513	+	3	75	ATG	TGA	0	0
mORF_+_3260476	3260476	3260499	+	1	24	ATG	TAA	0	0
mORF_+_3260510	3260510	3260644	+	2	135	ATG	TAA	0	0
mORF_+_3260514	3260514	3260765	+	3	252	ATG	TGA	0	0
mORF_+_3260660	3260660	3260686	+	2	27	ATG	TAA	0	0
mORF_+_3260689	3260689	3260715	+	1	27	TTG	TGA	0	0
mORF_+_3260740	3260740	3260793	+	1	54	ATG	TAA	0	0
mORF_+_3260750	3260750	3260848	+	2	99	GTG	TAA	0	0
mORF_+_3260794	3260794	3261372	+	1	579	TTG	TGA	0	0
mORF_+_3260925	3260925	3261035	+	3	111	TTG	TGA	0	0
mORF_+_3260930	3260930	3261019	+	2	90	TTG	TGA	0	0
mORF_+_3261039	3261039	3261143	+	3	105	TTG	TAG	0	0
mORF_+_3261074	3261074	3261184	+	2	111	ATG	TAA	0	0
mORF_+_3261153	3261153	3261170	+	3	18	GTG	TAA	0	0
mORF_+_3261242	3261242	3261289	+	2	48	GTG	TAA	0	0
mORF_+_3261290	3261290	3261316	+	2	27	TTG	TAA	0	0
mORF_+_3261318	3261318	3261326	+	3	9	TTG	TAA	0	0
mORF_+_3261329	3261329	3261439	+	2	111	ATG	TAA	0	0
mORF_+_3261369	3261369	3261419	+	3	51	ATG	TGA	0	0
mORF_+_3261423	3261423	3261506	+	3	84	ATG	TAG	0	0
mORF_+_3261478	3261478	3261570	+	1	93	ATG	TAA	0	0
mORF_+_3261509	3261509	3261550	+	2	42	GTG	TAA	0	0
mORF_+_3261718	3261718	3261903	+	1	186	TTG	TAG	0	0
mORF_+_3261845	3261845	3261853	+	2	9	ATG	TAA	0	0
mORF_+_3261857	3261857	3261928	+	2	72	GTG	TGA	0	0
mORF_+_3261916	3261916	3261990	+	1	75	GTG	TAA	0	0
mORF_+_3262038	3262038	3262439	+	3	402	GTG	TAA	0	0
mORF_+_3262054	3262054	3262155	+	1	102	TTG	TAA	0	0
mORF_+_3262070	3262070	3262078	+	2	9	GTG	TGA	0	0
mORF_+_3262097	3262097	3262102	+	2	6	GTG	TAA	0	0
mORF_+_3262112	3262112	3262147	+	2	36	TTG	TAG	0	0
mORF_+_3262180	3262180	3262431	+	1	252	TTG	TGA	0	0
mORF_+_3262361	3262361	3262375	+	2	15	TTG	TAA	0	0
mORF_+_3262582	3262582	3262698	+	1	117	ATG	TAA	0	0

mORF_+_3262637	3262637	3262672	+	2	36	GTG	TAA	0	0
mORF_+_3262709	3262709	3262741	+	2	33	GTG	TGA	0	0
mORF_+_3262738	3262738	3262848	+	1	111	GTG	TAA	0	0
mORF_+_3262767	3262767	3262964	+	3	198	ATG	TAA	0	0
mORF_+_3262855	3262855	3263064	+	1	210	ATG	TAA	0	0
mORF_+_3262862	3262862	3262918	+	2	57	ATG	TAG	0	0
mORF_+_3262943	3262943	3263083	+	2	141	TTG	TGA	0	0
mORF_+_3262998	3262998	3263030	+	3	33	TTG	TGA	0	0
mORF_+_3263080	3263080	3263088	+	1	9	GTG	TGA	0	0
mORF_+_3263085	3263085	3263162	+	3	78	TTG	TAA	0	0
mORF_+_3263110	3263110	3263148	+	1	39	TTG	TGA	0	0
mORF_+_3263177	3263177	3263212	+	2	36	ATG	TGA	0	0
mORF_+_3263209	3263209	3263229	+	1	21	GTG	TGA	0	0
mORF_+_3263278	3263278	3263310	+	1	33	ATG	TAA	0	0
mORF_+_3263353	3263353	3263412	+	1	60	GTG	TGA	0	0
mORF_+_3263367	3263367	3263489	+	3	123	GTG	TAA	0	0
mORF_+_3263443	3263443	3263532	+	1	90	ATG	TAG	0	0
mORF_+_3263465	3263465	3263545	+	2	81	TTG	TAA	0	0
mORF_+_3263597	3263597	3263605	+	2	9	GTG	TAA	0	0
mORF_+_3263650	3263650	3263694	+	1	45	GTG	TAG	0	0
mORF_+_3263670	3263670	3263849	+	3	180	ATG	TGA	0	0
mORF_+_3263702	3263702	3263863	+	2	162	TTG	TAA	0	0
mORF_+_3263713	3263713	3263949	+	1	237	TTG	TAG	0	0
mORF_+_3263864	3263864	3263881	+	2	18	ATG	TAA	0	0
mORF_+_3263882	3263882	3263944	+	2	63	ATG	TAA	0	0
mORF_+_3263950	3263950	3263976	+	1	27	TTG	TAA	0	0
mORF_+_3263994	3263994	3264083	+	3	90	TTG	TAG	0	0
mORF_+_3264010	3264010	3264075	+	1	66	ATG	TAA	0	0
mORF_+_3264038	3264038	3264043	+	2	6	ATG	TAA	0	0
mORF_+_3264116	3264116	3264148	+	2	33	GTG	TAA	0	0
mORF_+_3264127	3264127	3264138	+	1	12	ATG	TAA	0	0
mORF_+_3264167	3264167	3264196	+	2	30	TTG	TGA	0	0
mORF_+_3264193	3264193	3264240	+	1	48	ATG	TAA	0	0
mORF_+_3264204	3264204	3264248	+	3	45	TTG	TAA	0	0
mORF_+_3264272	3264272	3264286	+	2	15	TTG	TAA	0	0
mORF_+_3264274	3264274	3264306	+	1	33	GTG	TAG	0	0
mORF_+_3264314	3264314	3264334	+	2	21	TTG	TGA	0	0
mORF_+_3264331	3264331	3264375	+	1	45	GTG	TGA	0	0
mORF_+_3264372	3264372	3264389	+	3	18	TTG	TAA	0	0
mORF_+_3264391	3264391	3264414	+	1	24	TTG	TAA	0	0
mORF_+_3264417	3264417	3264470	+	3	54	ATG	TAG	0	0
mORF_+_3264443	3264443	3264448	+	2	6	TTG	TAA	0	0
mORF_+_3264485	3264485	3264601	+	2	117	TTG	TAA	0	0
mORF_+_3264487	3264487	3264702	+	1	216	GTG	TAG	0	0
mORF_+_3264525	3264525	3264608	+	3	84	GTG	TGA	0	0
mORF_+_3264686	3264686	3264751	+	2	66	TTG	TGA	0	0
mORF_+_3264729	3264729	3264887	+	3	159	TTG	TGA	0	0
mORF_+_3264772	3264772	3264834	+	1	63	ATG	TAA	0	0
mORF_+_3264884	3264884	3264901	+	2	18	TTG	TAA	0	0
mORF_+_3264895	3264895	3264963	+	1	69	GTG	TAA	0	0
mORF_+_3264963	3264963	3264986	+	3	24	ATG	TGA	0	0
mORF_+_3264983	3264983	3264991	+	2	9	TTG	TAA	0	0
mORF_+_3265003	3265003	3265020	+	1	18	TTG	TAG	0	0
mORF_+_3265032	3265032	3265043	+	3	12	ATG	TGA	0	0
mORF_+_3265055	3265055	3265102	+	2	48	GTG	TAA	0	0
mORF_+_3265080	3265080	3265142	+	3	63	GTG	TGA	0	0
mORF_+_3265111	3265111	3265122	+	1	12	TTG	TGA	0	0
mORF_+_3265124	3265124	3265219	+	2	96	GTG	TAA	0	0
mORF_+_3265150	3265150	3265209	+	1	60	ATG	TAA	0	0
mORF_+_3265152	3265152	3265172	+	3	21	GTG	TAA	0	0
mORF_+_3265264	3265264	3265620	+	1	357	TTG	TAA	0	0
mORF_+_3265298	3265298	3265345	+	2	48	ATG	TGA	0	0
mORF_+_3265388	3265388	3265396	+	2	9	TTG	TAA	0	0

mORF_+_3265454	3265454	3265558	+	2	105	ATG	TGA	0	0	
mORF_+_3265461	3265461	3265520	+	3	60	ATG	TAA	0	0	
mORF_+_3265533	3265533	3265541	+	3	9	ATG	TGA	0	0	
mORF_+_3265596	3265596	3265601	+	3	6	TTG	TGA	0	0	
mORF_+_3265598	3265598	3265687	+	2	90	GTG	TGA	0	0	
mORF_+_3265602	3265602	3265649	+	3	48	ATG	TAG	0	0	
mORF_+_3265654	3265654	3265662	+	1	9	TTG	TGA	0	0	
mORF_+_3265656	3265656	3265742	+	3	87	GTG	TGA	0	0	
mORF_+_3265681	3265681	3265794	+	1	114	TTG	TGA	0	0	
mORF_+_3265739	3265739	3265780	+	2	42	TTG	TAA	0	0	
mORF_+_3265791	3265791	3265805	+	3	15	ATG	TGA	0	0	
mORF_+_3265802	3265802	3265858	+	2	57	TTG	TGA	0	0	
mORF_+_3265846	3265846	3266415	+	1	570	TTG	TGA	1	2	pORF_+_3265846
mORF_+_3265892	3265892	3265975	+	2	84	TTG	TAA	0	0	
mORF_+_3265965	3265965	3266009	+	3	45	TTG	TGA	0	0	
mORF_+_3265985	3265985	3266032	+	2	48	TTG	TAA	0	0	
mORF_+_3266036	3266036	3266065	+	2	30	ATG	TAA	0	0	
mORF_+_3266084	3266084	3266107	+	2	24	ATG	TGA	0	0	
mORF_+_3266165	3266165	3266191	+	2	27	ATG	TAG	0	0	
mORF_+_3266192	3266192	3266197	+	2	6	ATG	TAG	0	0	
mORF_+_3266204	3266204	3266320	+	2	117	TTG	TAA	0	0	
mORF_+_3266223	3266223	3266246	+	3	24	ATG	TAA	0	0	
mORF_+_3266259	3266259	3266267	+	3	9	ATG	TAA	0	0	
mORF_+_3266286	3266286	3266339	+	3	54	TTG	TAA	0	0	
mORF_+_3266327	3266327	3266425	+	2	99	TTG	TAA	0	0	
mORF_+_3266361	3266361	3266399	+	3	39	TTG	TAA	0	0	
mORF_+_3266412	3266412	3266432	+	3	21	TTG	TAA	0	0	
mORF_+_3266437	3266437	3267624	+	1	1188	ATG	TAG	0	0	
mORF_+_3266456	3266456	3266482	+	2	27	TTG	TAG	0	0	
mORF_+_3266498	3266498	3266542	+	2	45	ATG	TAG	0	0	
mORF_+_3266576	3266576	3266653	+	2	78	TTG	TAG	0	0	
mORF_+_3266619	3266619	3266636	+	3	18	ATG	TGA	0	0	
mORF_+_3266666	3266666	3266671	+	2	6	ATG	TAA	0	0	
mORF_+_3266681	3266681	3266710	+	2	30	ATG	TAG	0	0	
mORF_+_3266748	3266748	3266753	+	3	6	TTG	TGA	0	0	
mORF_+_3266750	3266750	3266776	+	2	27	GTG	TAA	0	0	
mORF_+_3266814	3266814	3266840	+	3	27	TTG	TGA	0	0	
mORF_+_3266837	3266837	3266854	+	2	18	ATG	TAA	0	0	
mORF_+_3266868	3266868	3266891	+	3	24	TTG	TGA	0	0	
mORF_+_3266870	3266870	3266926	+	2	57	GTG	TAG	0	0	
mORF_+_3266933	3266933	3266971	+	2	39	ATG	TAA	0	0	
mORF_+_3267005	3267005	3267076	+	2	72	ATG	TAA	0	0	
mORF_+_3267134	3267134	3267151	+	2	18	TTG	TAA	0	0	
mORF_+_3267144	3267144	3267155	+	3	12	TTG	TGA	0	0	
mORF_+_3267152	3267152	3267184	+	2	33	ATG	TAA	0	0	
mORF_+_3267197	3267197	3267208	+	2	12	TTG	TAA	0	0	
mORF_+_3267248	3267248	3267256	+	2	9	ATG	TAA	0	0	
mORF_+_3267294	3267294	3267311	+	3	18	TTG	TAA	0	0	
mORF_+_3267350	3267350	3267367	+	2	18	ATG	TAA	0	0	
mORF_+_3267371	3267371	3267442	+	2	72	TTG	TAA	0	0	
mORF_+_3267515	3267515	3267613	+	2	99	ATG	TAA	0	0	
mORF_+_3267614	3267614	3267664	+	2	51	ATG	TAG	0	0	
mORF_+_3267685	3267685	3267849	+	1	165	GTG	TAA	0	0	
mORF_+_3267749	3267749	3267793	+	2	45	ATG	TGA	0	0	
mORF_+_3267800	3267800	3267811	+	2	12	GTG	TAG	0	0	
mORF_+_3267842	3267842	3267868	+	2	27	ATG	TGA	0	0	
mORF_+_3267929	3267929	3268030	+	2	102	TTG	TAA	0	0	
mORF_+_3267943	3267943	3268008	+	1	66	GTG	TAA	0	0	
mORF_+_3268014	3268014	3268121	+	3	108	GTG	TAA	0	0	
mORF_+_3268042	3268042	3268143	+	1	102	TTG	TAA	0	0	
mORF_+_3268127	3268127	3268234	+	2	108	GTG	TAA	0	0	
mORF_+_3268155	3268155	3268256	+	3	102	TTG	TAA	0	0	
mORF_+_3268240	3268240	3268719	+	1	480	GTG	TAA	0	0	

mORF_+_3268455	3268455	3268628	+	3	174	TTG	TAG	0	0
mORF_+_3268475	3268475	3268768	+	2	294	TTG	TGA	0	0
mORF_+_3268644	3268644	3268697	+	3	54	TTG	TGA	0	0
mORF_+_3268750	3268750	3268791	+	1	42	ATG	TGA	0	0
mORF_+_3268785	3268785	3269024	+	3	240	ATG	TAG	0	0
mORF_+_3268828	3268828	3268893	+	1	66	ATG	TGA	0	0
mORF_+_3268865	3268865	3268927	+	2	63	TTG	TGA	0	0
mORF_+_3268924	3268924	3268947	+	1	24	GTG	TGA	0	0
mORF_+_3268975	3268975	3269109	+	1	135	GTG	TAG	0	0
mORF_+_3269079	3269079	3269246	+	3	168	ATG	TAA	0	0
mORF_+_3269122	3269122	3269610	+	1	489	TTG	TGA	0	0
mORF_+_3269162	3269162	3269212	+	2	51	GTG	TGA	0	0
mORF_+_3269378	3269378	3269383	+	2	6	TTG	TAG	0	0
mORF_+_3269411	3269411	3269533	+	2	123	TTG	TAA	0	0
mORF_+_3269607	3269607	3269753	+	3	147	GTG	TAA	0	0
mORF_+_3269626	3269626	3269766	+	1	141	GTG	TAA	0	0
mORF_+_3269690	3269690	3269899	+	2	210	GTG	TAA	0	0
mORF_+_3269797	3269797	3269814	+	1	18	ATG	TGA	0	0
mORF_+_3269811	3269811	3269960	+	3	150	ATG	TAA	0	0
mORF_+_3269860	3269860	3269892	+	1	33	TTG	TAA	0	0
mORF_+_3269975	3269975	3269995	+	2	21	GTG	TAA	0	0
mORF_+_3270004	3270004	3270033	+	1	30	GTG	TGA	0	0
mORF_+_3270015	3270015	3270212	+	3	198	TTG	TAA	0	0
mORF_+_3270017	3270017	3270064	+	2	48	GTG	TAA	0	0
mORF_+_3270091	3270091	3270168	+	1	78	TTG	TGA	0	0
mORF_+_3270161	3270161	3270187	+	2	27	TTG	TAA	0	0
mORF_+_3270200	3270200	3270250	+	2	51	TTG	TGA	0	0
mORF_+_3270247	3270247	3270255	+	1	9	ATG	TGA	0	0
mORF_+_3270257	3270257	3270271	+	2	15	TTG	TGA	0	0
mORF_+_3270265	3270265	3270336	+	1	72	TTG	TAG	0	0
mORF_+_3270297	3270297	3270377	+	3	81	ATG	TGA	0	0
mORF_+_3270340	3270340	3270570	+	1	231	TTG	TGA	0	0
mORF_+_3270473	3270473	3270490	+	2	18	TTG	TAG	0	0
mORF_+_3270567	3270567	3270839	+	3	273	ATG	TGA	0	0
mORF_+_3270578	3270578	3270595	+	2	18	TTG	TGA	0	0
mORF_+_3270586	3270586	3270705	+	1	120	ATG	TAA	0	0
mORF_+_3270731	3270731	3270745	+	2	15	TTG	TAA	0	0
mORF_+_3270794	3270794	3271009	+	2	216	TTG	TGA	0	0
mORF_+_3270802	3270802	3270819	+	1	18	GTG	TAA	0	0
mORF_+_3270840	3270840	3270905	+	3	66	GTG	TAA	0	0
mORF_+_3270948	3270948	3270983	+	3	36	TTG	TGA	0	0
mORF_+_3270985	3270985	3271083	+	1	99	TTG	TAG	0	0
mORF_+_3271014	3271014	3271118	+	3	105	TTG	TGA	0	0
mORF_+_3271022	3271022	3271030	+	2	9	ATG	TAA	0	0
mORF_+_3271140	3271140	3271160	+	3	21	GTG	TGA	0	0
mORF_+_3271179	3271179	3271202	+	3	24	GTG	TGA	0	0
mORF_+_3271199	3271199	3271246	+	2	48	GTG	TGA	0	0
mORF_+_3271221	3271221	3271238	+	3	18	ATG	TAA	0	0
mORF_+_3271231	3271231	3271329	+	1	99	GTG	TAA	0	0
mORF_+_3271344	3271344	3271643	+	3	300	TTG	TAG	0	0
mORF_+_3271423	3271423	3271488	+	1	66	TTG	TAA	0	0
mORF_+_3271430	3271430	3271507	+	2	78	ATG	TGA	0	0
mORF_+_3271501	3271501	3271551	+	1	51	GTG	TGA	0	0
mORF_+_3271520	3271520	3271666	+	2	147	TTG	TGA	0	0
mORF_+_3271591	3271591	3271620	+	1	30	TTG	TAA	0	0
mORF_+_3271684	3271684	3271695	+	1	12	GTG	TGA	0	0
mORF_+_3271692	3271692	3271721	+	3	30	TTG	TAG	0	0
mORF_+_3271700	3271700	3271912	+	2	213	GTG	TAA	0	0
mORF_+_3271732	3271732	3271740	+	1	9	GTG	TGA	0	0
mORF_+_3271737	3271737	3271904	+	3	168	GTG	TAG	0	0
mORF_+_3271914	3271914	3271997	+	3	84	ATG	TAA	0	0
mORF_+_3271960	3271960	3271989	+	1	30	GTG	TGA	0	0
mORF_+_3272041	3272041	3272121	+	1	81	GTG	TGA	0	0

mORF_+_3272082	3272082	3272105	+	3	24	ATG	TAA	0	0	
mORF_+_3272118	3272118	3272207	+	3	90	GTG	TAA	0	0	
mORF_+_3272153	3272153	3272545	+	2	393	TTG	TGA	0	0	
mORF_+_3272214	3272214	3272318	+	3	105	TTG	TGA	0	0	
mORF_+_3272224	3272224	3272286	+	1	63	TTG	TAA	0	0	
mORF_+_3272311	3272311	3272343	+	1	33	GTG	TGA	0	0	
mORF_+_3272340	3272340	3272669	+	3	330	TTG	TAG	0	0	
mORF_+_3272542	3272542	3272571	+	1	30	ATG	TAA	0	0	
mORF_+_3272630	3272630	3272647	+	2	18	TTG	TAG	0	0	
mORF_+_3272670	3272670	3272675	+	3	6	GTG	TAA	0	0	
mORF_+_3272720	3272720	3272782	+	2	63	TTG	TAA	0	0	
mORF_+_3272757	3272757	3272762	+	3	6	ATG	TAA	0	0	
mORF_+_3272794	3272794	3272817	+	1	24	TTG	TAG	0	0	
mORF_+_3272824	3272824	3272844	+	1	21	TTG	TAA	0	0	
mORF_+_3272888	3272888	3272956	+	2	69	ATG	TGA	0	0	
mORF_+_3272916	3272916	3273029	+	3	114	GTG	TAG	0	0	
mORF_+_3272950	3272950	3273075	+	1	126	ATG	TAA	0	0	
mORF_+_3272999	3272999	3273007	+	2	9	ATG	TAA	0	0	
mORF_+_3273056	3273056	3273070	+	2	15	TTG	TAA	0	0	
mORF_+_3273098	3273098	3273115	+	2	18	TTG	TAA	0	0	
mORF_+_3273106	3273106	3273180	+	1	75	ATG	TGA	0	0	
mORF_+_3273138	3273138	3273257	+	3	120	TTG	TGA	0	0	
mORF_+_3273181	3273181	3273216	+	1	36	TTG	TGA	0	0	
mORF_+_3273254	3273254	3273352	+	2	99	ATG	TAA	0	0	
mORF_+_3273297	3273297	3273371	+	3	75	TTG	TAA	0	0	
mORF_+_3273304	3273304	3274875	+	1	1572	ATG	TGA	0	0	
mORF_+_3273371	3273371	3273403	+	2	33	ATG	TGA	0	0	
mORF_+_3273425	3273425	3273439	+	2	15	ATG	TAA	0	0	
mORF_+_3273440	3273440	3273520	+	2	81	TTG	TGA	0	0	
mORF_+_3273521	3273521	3273760	+	2	240	TTG	TAG	0	0	
mORF_+_3273770	3273770	3273823	+	2	54	TTG	TGA	0	0	
mORF_+_3273837	3273837	3273854	+	3	18	TTG	TAA	0	0	
mORF_+_3273839	3273839	3273904	+	2	66	GTG	TGA	0	0	
mORF_+_3273914	3273914	3273928	+	2	15	TTG	TAA	0	0	
mORF_+_3273935	3273935	3273976	+	2	42	TTG	TGA	0	0	
mORF_+_3273945	3273945	3273950	+	3	6	TTG	TGA	0	0	
mORF_+_3273986	3273986	3274009	+	2	24	ATG	TAG	0	0	
mORF_+_3274022	3274022	3274111	+	2	90	TTG	TGA	0	0	
mORF_+_3274154	3274154	3274195	+	2	42	TTG	TAA	0	0	
mORF_+_3274164	3274164	3274226	+	3	63	GTG	TGA	0	0	
mORF_+_3274211	3274211	3274255	+	2	45	TTG	TGA	0	0	
mORF_+_3274280	3274280	3274300	+	2	21	GTG	TGA	0	0	
mORF_+_3274353	3274353	3274364	+	3	12	GTG	TAA	0	0	
mORF_+_3274463	3274463	3274534	+	2	72	TTG	TAA	0	0	
mORF_+_3274562	3274562	3274642	+	2	81	TTG	TGA	0	0	
mORF_+_3274697	3274697	3274705	+	2	9	TTG	TAA	0	0	
mORF_+_3274715	3274715	3274870	+	2	156	ATG	TGA	0	0	
mORF_+_3274824	3274824	3274838	+	3	15	ATG	TAA	0	0	
mORF_+_3274882	3274882	3274986	+	1	105	TTG	TAA	0	0	
mORF_+_3274917	3274917	3274973	+	3	57	ATG	TAG	0	0	
mORF_+_3274988	3274988	3275020	+	2	33	TTG	TGA	0	0	
mORF_+_3275017	3275017	3275034	+	1	18	GTG	TAA	0	0	
mORF_+_3275024	3275024	3275359	+	2	336	ATG	TAA	5	12	pORF_+_3275024
mORF_+_3275034	3275034	3275057	+	3	24	ATG	TGA	0	0	
mORF_+_3275112	3275112	3275123	+	3	12	GTG	TAA	0	0	
mORF_+_3275169	3275169	3275222	+	3	54	GTG	TGA	0	0	
mORF_+_3275185	3275185	3275202	+	1	18	GTG	TGA	0	0	
mORF_+_3275223	3275223	3275381	+	3	159	ATG	TAA	0	0	
mORF_+_3275359	3275359	3275823	+	1	465	ATG	TGA	0	0	
mORF_+_3275381	3275381	3275434	+	2	54	ATG	TAG	0	0	
mORF_+_3275385	3275385	3275471	+	3	87	TTG	TGA	0	0	
mORF_+_3275435	3275435	3275455	+	2	21	TTG	TAA	0	0	
mORF_+_3275525	3275525	3275584	+	2	60	TTG	TAG	0	0	

mORF_+_3275621	3275621	3275692	+	2	72	TTG	TGA	0	0	
mORF_+_3275685	3275685	3275699	+	3	15	ATG	TGA	0	0	
mORF_+_3275696	3275696	3275761	+	2	66	ATG	TAA	0	0	
mORF_+_3275820	3275820	3275960	+	3	141	TTG	TGA	0	0	
mORF_+_3275854	3275854	3275997	+	1	144	GTG	TAA	0	0	
mORF_+_3275942	3275942	3275977	+	2	36	ATG	TGA	0	0	
mORF_+_3275984	3275984	3276157	+	2	174	ATG	TAA	0	0	
mORF_+_3276091	3276091	3276447	+	1	357	ATG	TGA	0	0	
mORF_+_3276093	3276093	3276101	+	3	9	GTG	TGA	0	0	
mORF_+_3276281	3276281	3276367	+	2	87	TTG	TGA	0	0	
mORF_+_3276419	3276419	3276496	+	2	78	GTG	TAG	0	0	
mORF_+_3276426	3276426	3276557	+	3	132	GTG	TAG	0	0	
mORF_+_3276539	3276539	3276619	+	2	81	TTG	TGA	0	0	
mORF_+_3276570	3276570	3276587	+	3	18	ATG	TAA	0	0	
mORF_+_3276601	3276601	3276669	+	1	69	TTG	TGA	0	0	
mORF_+_3276620	3276620	3276922	+	2	303	ATG	TGA	0	0	
mORF_+_3276754	3276754	3276777	+	1	24	ATG	TGA	0	0	
mORF_+_3276774	3276774	3276824	+	3	51	TTG	TGA	0	0	
mORF_+_3276870	3276870	3276917	+	3	48	ATG	TAA	0	0	
mORF_+_3276936	3276936	3278216	+	3	1281	GTG	TAA	4	48	pORF_+_3276936
mORF_+_3276985	3276985	3277071	+	1	87	ATG	TGA	0	0	
mORF_+_3277001	3277001	3277075	+	2	75	TTG	TGA	0	0	
mORF_+_3277072	3277072	3277095	+	1	24	TTG	TAG	0	0	
mORF_+_3277144	3277144	3277170	+	1	27	TTG	TGA	0	0	
mORF_+_3277148	3277148	3277204	+	2	57	TTG	TGA	0	0	
mORF_+_3277183	3277183	3277191	+	1	9	ATG	TGA	0	0	
mORF_+_3277198	3277198	3277272	+	1	75	GTG	TGA	0	0	
mORF_+_3277285	3277285	3277353	+	1	69	TTG	TAA	0	0	
mORF_+_3277316	3277316	3277357	+	2	42	TTG	TGA	0	0	
mORF_+_3277357	3277357	3277494	+	1	138	ATG	TAA	0	0	
mORF_+_3277519	3277519	3277575	+	1	57	ATG	TGA	0	0	
mORF_+_3277576	3277576	3277677	+	1	102	ATG	TAA	0	0	
mORF_+_3277765	3277765	3277785	+	1	21	TTG	TGA	0	0	
mORF_+_3277789	3277789	3277803	+	1	15	TTG	TGA	0	0	
mORF_+_3277816	3277816	3277905	+	1	90	GTG	TGA	0	0	
mORF_+_3277945	3277945	3278085	+	1	141	GTG	TGA	0	0	
mORF_+_3278203	3278203	3278712	+	1	510	GTG	TGA	0	0	
mORF_+_3278249	3278249	3278257	+	2	9	TTG	TAA	0	0	
mORF_+_3278264	3278264	3278278	+	2	15	TTG	TGA	0	0	
mORF_+_3278301	3278301	3278348	+	3	48	ATG	TGA	0	0	
mORF_+_3278312	3278312	3278338	+	2	27	TTG	TAG	0	0	
mORF_+_3278345	3278345	3278380	+	2	36	ATG	TGA	0	0	
mORF_+_3278484	3278484	3278489	+	3	6	TTG	TAA	0	0	
mORF_+_3278522	3278522	3278536	+	2	15	GTG	TGA	0	0	
mORF_+_3278549	3278549	3278638	+	2	90	TTG	TGA	0	0	
mORF_+_3278655	3278655	3278702	+	3	48	ATG	TAA	0	0	
mORF_+_3278709	3278709	3278801	+	3	93	TTG	TAA	0	0	
mORF_+_3278723	3278723	3279124	+	2	402	ATG	TGA	0	0	
mORF_+_3278850	3278850	3278876	+	3	27	TTG	TAA	0	0	
mORF_+_3278899	3278899	3278940	+	1	42	GTG	TAA	0	0	
mORF_+_3278973	3278973	3278993	+	3	21	TTG	TGA	0	0	
mORF_+_3279000	3279000	3279011	+	3	12	ATG	TAG	0	0	
mORF_+_3279012	3279012	3279071	+	3	60	GTG	TGA	0	0	
mORF_+_3279121	3279121	3279165	+	1	45	TTG	TGA	0	0	
mORF_+_3279144	3279144	3279647	+	3	504	GTG	TGA	0	0	
mORF_+_3279149	3279149	3279157	+	2	9	TTG	TAA	0	0	
mORF_+_3279196	3279196	3279210	+	1	15	TTG	TAA	0	0	
mORF_+_3279244	3279244	3279312	+	1	69	ATG	TGA	0	0	
mORF_+_3279278	3279278	3279370	+	2	93	GTG	TGA	0	0	
mORF_+_3279346	3279346	3279471	+	1	126	ATG	TGA	0	0	
mORF_+_3279532	3279532	3279636	+	1	105	GTG	TAG	0	0	
mORF_+_3279644	3279644	3279685	+	2	42	TTG	TAA	0	0	
mORF_+_3279652	3279652	3279768	+	1	117	TTG	TGA	0	0	

mORF_+_3279663	3279663	3279710	+	3	48	TTG	TGA	0	0	
mORF_+_3279707	3279707	3279784	+	2	78	TTG	TAA	0	0	
mORF_+_3279714	3279714	3279740	+	3	27	GTG	TAA	0	0	
mORF_+_3279762	3279762	3279899	+	3	138	TTG	TAG	0	0	
mORF_+_3279790	3279790	3279906	+	1	117	TTG	TAA	0	0	
mORF_+_3279927	3279927	3279935	+	3	9	GTG	TGA	0	0	
mORF_+_3279932	3279932	3279994	+	2	63	ATG	TGA	0	0	
mORF_+_3279948	3279948	3280172	+	3	225	GTG	TGA	0	0	
mORF_+_3279991	3279991	3280047	+	1	57	TTG	TGA	0	0	
mORF_+_3279998	3279998	3281152	+	2	1155	ATG	TAA	0	0	
mORF_+_3280075	3280075	3280125	+	1	51	ATG	TAA	0	0	
mORF_+_3280200	3280200	3280295	+	3	96	GTG	TGA	0	0	
mORF_+_3280216	3280216	3280239	+	1	24	GTG	TAA	0	0	
mORF_+_3280383	3280383	3280478	+	3	96	TTG	TGA	0	0	
mORF_+_3280393	3280393	3280461	+	1	69	ATG	TAA	0	0	
mORF_+_3280506	3280506	3280514	+	3	9	TTG	TGA	0	0	
mORF_+_3280606	3280606	3280692	+	1	87	TTG	TAG	0	0	
mORF_+_3280647	3280647	3280730	+	3	84	GTG	TGA	0	0	
mORF_+_3280770	3280770	3280922	+	3	153	ATG	TAA	0	0	
mORF_+_3281004	3281004	3281027	+	3	24	TTG	TGA	0	0	
mORF_+_3281017	3281017	3281109	+	1	93	TTG	TAA	0	0	
mORF_+_3281043	3281043	3281051	+	3	9	TTG	TGA	0	0	
mORF_+_3281097	3281097	3281129	+	3	33	GTG	TAA	0	0	
mORF_+_3281140	3281140	3281184	+	1	45	GTG	TAA	0	0	
mORF_+_3281165	3281165	3282025	+	2	861	ATG	TAA	1	0	pORF_+_3281165
mORF_+_3281211	3281211	3281300	+	3	90	ATG	TGA	0	0	
mORF_+_3281275	3281275	3281283	+	1	9	GTG	TGA	0	0	
mORF_+_3281359	3281359	3281364	+	1	6	GTG	TAG	0	0	
mORF_+_3281427	3281427	3281471	+	3	45	ATG	TGA	0	0	
mORF_+_3281493	3281493	3281507	+	3	15	TTG	TGA	0	0	
mORF_+_3281523	3281523	3281600	+	3	78	TTG	TGA	0	0	
mORF_+_3281548	3281548	3281589	+	1	42	TTG	TGA	0	0	
mORF_+_3281604	3281604	3281627	+	3	24	TTG	TGA	0	0	
mORF_+_3281652	3281652	3281663	+	3	12	TTG	TGA	0	0	
mORF_+_3281691	3281691	3281852	+	3	162	TTG	TGA	0	0	
mORF_+_3281856	3281856	3281870	+	3	15	TTG	TAA	0	0	
mORF_+_3281904	3281904	3281966	+	3	63	TTG	TGA	0	0	
mORF_+_3281973	3281973	3282032	+	3	60	TTG	TAG	0	0	
mORF_+_3282039	3282039	3282068	+	3	30	ATG	TAA	0	0	
mORF_+_3282052	3282052	3282105	+	1	54	ATG	TAA	0	0	
mORF_+_3282078	3282078	3282086	+	3	9	GTG	TAA	0	0	
mORF_+_3282086	3282086	3282112	+	2	27	ATG	TAA	0	0	
mORF_+_3282175	3282175	3282195	+	1	21	ATG	TGA	0	0	
mORF_+_3282192	3282192	3282668	+	3	477	ATG	TAA	0	0	
mORF_+_3282223	3282223	3282258	+	1	36	TTG	TGA	0	0	
mORF_+_3282277	3282277	3282294	+	1	18	GTG	TAG	0	0	
mORF_+_3282301	3282301	3282339	+	1	39	ATG	TAA	0	0	
mORF_+_3282367	3282367	3282444	+	1	78	TTG	TGA	0	0	
mORF_+_3282446	3282446	3282472	+	2	27	TTG	TAA	0	0	
mORF_+_3282484	3282484	3282498	+	1	15	GTG	TGA	0	0	
mORF_+_3282502	3282502	3282615	+	1	114	ATG	TGA	0	0	
mORF_+_3282616	3282616	3282696	+	1	81	ATG	TGA	0	0	
mORF_+_3282693	3282693	3282701	+	3	9	TTG	TAA	0	0	
mORF_+_3282707	3282707	3283510	+	2	804	ATG	TGA	0	0	
mORF_+_3282711	3282711	3282719	+	3	9	ATG	TAA	0	0	
mORF_+_3282756	3282756	3282809	+	3	54	TTG	TAA	0	0	
mORF_+_3282775	3282775	3282843	+	1	69	TTG	TGA	0	0	
mORF_+_3282840	3282840	3282860	+	3	21	GTG	TAA	0	0	
mORF_+_3282867	3282867	3282875	+	3	9	GTG	TGA	0	0	
mORF_+_3282909	3282909	3282947	+	3	39	GTG	TGA	0	0	
mORF_+_3282960	3282960	3283025	+	3	66	TTG	TAA	0	0	
mORF_+_3282964	3282964	3282981	+	1	18	ATG	TGA	0	0	
mORF_+_3283087	3283087	3283128	+	1	42	ATG	TAA	0	0	

mORF_+_3283161	3283161	3283169	+	3	9	ATG	TGA	0	0	
mORF_+_3283170	3283170	3283220	+	3	51	TTG	TGA	0	0	
mORF_+_3283251	3283251	3283307	+	3	57	TTG	TAA	0	0	
mORF_+_3283353	3283353	3284291	+	3	939	TTG	TAA	1	2	pORF_+_3283353
mORF_+_3283357	3283357	3283422	+	1	66	TTG	TGA	0	0	
mORF_+_3283795	3283795	3283980	+	1	186	TTG	TGA	0	0	
mORF_+_3283862	3283862	3283993	+	2	132	TTG	TAA	0	0	
mORF_+_3284017	3284017	3284052	+	1	36	TTG	TAA	0	0	
mORF_+_3284074	3284074	3284094	+	1	21	ATG	TGA	0	0	
mORF_+_3284101	3284101	3284193	+	1	93	TTG	TGA	0	0	
mORF_+_3284251	3284251	3284385	+	1	135	TTG	TAA	0	0	
mORF_+_3284267	3284267	3284332	+	2	66	TTG	TAA	0	0	
mORF_+_3284292	3284292	3285047	+	3	756	ATG	TAA	0	0	
mORF_+_3284386	3284386	3284418	+	1	33	GTG	TGA	0	0	
mORF_+_3284434	3284434	3284442	+	1	9	ATG	TGA	0	0	
mORF_+_3284444	3284444	3284518	+	2	75	TTG	TGA	0	0	
mORF_+_3284515	3284515	3284541	+	1	27	TTG	TGA	0	0	
mORF_+_3284552	3284552	3284635	+	2	84	ATG	TGA	0	0	
mORF_+_3284632	3284632	3284670	+	1	39	GTG	TAA	0	0	
mORF_+_3284671	3284671	3284694	+	1	24	ATG	TAA	0	0	
mORF_+_3284681	3284681	3284818	+	2	138	GTG	TGA	0	0	
mORF_+_3284704	3284704	3284769	+	1	66	TTG	TGA	0	0	
mORF_+_3284815	3284815	3284847	+	1	33	TTG	TAA	0	0	
mORF_+_3284872	3284872	3284886	+	1	15	GTG	TAG	0	0	
mORF_+_3284905	3284905	3284931	+	1	27	ATG	TGA	0	0	
mORF_+_3284950	3284950	3285036	+	1	87	ATG	TAA	0	0	
mORF_+_3285008	3285008	3285022	+	2	15	ATG	TAA	0	0	
mORF_+_3285029	3285029	3285040	+	2	12	TTG	TAA	0	0	
mORF_+_3285052	3285052	3285114	+	1	63	ATG	TAA	0	0	
mORF_+_3285086	3285086	3285091	+	2	6	ATG	TAA	0	0	
mORF_+_3285118	3285118	3285267	+	1	150	TTG	TGA	0	0	
mORF_+_3285192	3285192	3285203	+	3	12	TTG	TAA	0	0	
mORF_+_3285264	3285264	3285275	+	3	12	TTG	TAG	0	0	
mORF_+_3285280	3285280	3285294	+	1	15	TTG	TAA	0	0	
mORF_+_3285294	3285294	3285320	+	3	27	ATG	TAA	0	0	
mORF_+_3285311	3285311	3285358	+	2	48	TTG	TGA	0	0	
mORF_+_3285348	3285348	3285377	+	3	30	ATG	TAA	0	0	
mORF_+_3285355	3285355	3285384	+	1	30	ATG	TAA	0	0	
mORF_+_3285387	3285387	3285410	+	3	24	ATG	TAA	0	0	
mORF_+_3285413	3285413	3285439	+	2	27	ATG	TAA	0	0	
mORF_+_3285448	3285448	3286032	+	1	585	ATG	TAA	0	0	
mORF_+_3285473	3285473	3285529	+	2	57	TTG	TAG	0	0	
mORF_+_3285533	3285533	3285550	+	2	18	TTG	TAA	0	0	
mORF_+_3285558	3285558	3285563	+	3	6	TTG	TGA	0	0	
mORF_+_3285560	3285560	3285673	+	2	114	GTG	TAG	0	0	
mORF_+_3285693	3285693	3285707	+	3	15	GTG	TAA	0	0	
mORF_+_3285716	3285716	3285793	+	2	78	TTG	TAG	0	0	
mORF_+_3285735	3285735	3285755	+	3	21	ATG	TAA	0	0	
mORF_+_3285800	3285800	3285811	+	2	12	TTG	TAG	0	0	
mORF_+_3285821	3285821	3285871	+	2	51	GTG	TGA	0	0	
mORF_+_3285872	3285872	3285967	+	2	96	ATG	TAG	0	0	
mORF_+_3286089	3286089	3286109	+	3	21	TTG	TAA	0	0	
mORF_+_3286099	3286099	3286155	+	1	57	TTG	TAG	0	0	
mORF_+_3286112	3286112	3286807	+	2	696	ATG	TAA	0	0	
mORF_+_3286164	3286164	3286211	+	3	48	TTG	TGA	0	0	
mORF_+_3286215	3286215	3286295	+	3	81	ATG	TAG	0	0	
mORF_+_3286288	3286288	3286299	+	1	12	ATG	TAA	0	0	
mORF_+_3286305	3286305	3286334	+	3	30	ATG	TAA	0	0	
mORF_+_3286353	3286353	3286493	+	3	141	TTG	TGA	0	0	
mORF_+_3286560	3286560	3286745	+	3	186	ATG	TGA	0	0	
mORF_+_3286564	3286564	3286584	+	1	21	GTG	TAA	0	0	
mORF_+_3286747	3286747	3286764	+	1	18	ATG	TGA	0	0	
mORF_+_3286761	3286761	3289352	+	3	2592	ATG	TAA	2	9	pORF_+_3286761

mORF_+_3286901	3286901	3286951	+	2	51	TTG	TAA	0	0	
mORF_+_3286999	3286999	3287082	+	1	84	GTG	TGA	0	0	
mORF_+_3287125	3287125	3287160	+	1	36	ATG	TAG	0	0	
mORF_+_3287170	3287170	3287232	+	1	63	GTG	TGA	0	0	
mORF_+_3287242	3287242	3287304	+	1	63	TTG	TGA	0	0	
mORF_+_3287317	3287317	3287457	+	1	141	TTG	TGA	0	0	
mORF_+_3287360	3287360	3287413	+	2	54	TTG	TGA	0	0	
mORF_+_3287467	3287467	3287583	+	1	117	ATG	TGA	0	0	
mORF_+_3287510	3287510	3287554	+	2	45	ATG	TAG	0	0	
mORF_+_3287701	3287701	3287745	+	1	45	TTG	TGA	0	0	
mORF_+_3287758	3287758	3287769	+	1	12	ATG	TGA	0	0	
mORF_+_3287794	3287794	3287844	+	1	51	GTG	TAG	0	0	
mORF_+_3287854	3287854	3287913	+	1	60	TTG	TGA	0	0	
mORF_+_3287968	3287968	3288027	+	1	60	ATG	TGA	0	0	
mORF_+_3288046	3288046	3288372	+	1	327	ATG	TAA	0	0	
mORF_+_3288188	3288188	3288277	+	2	90	ATG	TAG	0	0	
mORF_+_3288302	3288302	3288313	+	2	12	TTG	TAA	0	0	
mORF_+_3288379	3288379	3288480	+	1	102	ATG	TGA	0	0	
mORF_+_3288404	3288404	3288415	+	2	12	TTG	TAA	0	0	
mORF_+_3288458	3288458	3288505	+	2	48	ATG	TGA	0	0	
mORF_+_3288514	3288514	3288534	+	1	21	ATG	TGA	0	0	
mORF_+_3288619	3288619	3288663	+	1	45	ATG	TGA	0	0	
mORF_+_3288688	3288688	3288717	+	1	30	ATG	TGA	0	0	
mORF_+_3288739	3288739	3288834	+	1	96	ATG	TGA	0	0	
mORF_+_3288862	3288862	3288897	+	1	36	TTG	TGA	0	0	
mORF_+_3288919	3288919	3288990	+	1	72	TTG	TAG	0	0	
mORF_+_3289021	3289021	3289068	+	1	48	TTG	TAG	0	0	
mORF_+_3289105	3289105	3290454	+	1	1350	TTG	TAA	0	0	
mORF_+_3289277	3289277	3289366	+	2	90	ATG	TGA	0	0	
mORF_+_3289418	3289418	3289498	+	2	81	ATG	TGA	0	0	
mORF_+_3289434	3289434	3289454	+	3	21	GTG	TAG	0	0	
mORF_+_3289601	3289601	3289762	+	2	162	TTG	TAA	0	0	
mORF_+_3289799	3289799	3289897	+	2	99	GTG	TGA	0	0	
mORF_+_3289803	3289803	3289814	+	3	12	TTG	TGA	0	0	
mORF_+_3289916	3289916	3289984	+	2	69	TTG	TAG	0	0	
mORF_+_3289935	3289935	3289970	+	3	36	GTG	TGA	0	0	
mORF_+_3290025	3290025	3290036	+	3	12	GTG	TAA	0	0	
mORF_+_3290045	3290045	3290128	+	2	84	ATG	TAG	0	0	
mORF_+_3290132	3290132	3290212	+	2	81	TTG	TAG	0	0	
mORF_+_3290255	3290255	3290551	+	2	297	ATG	TGA	0	0	
mORF_+_3290464	3290464	3290478	+	1	15	TTG	TAA	0	0	
mORF_+_3290548	3290548	3290601	+	1	54	GTG	TAG	0	0	
mORF_+_3290612	3290612	3290656	+	2	45	GTG	TGA	0	0	
mORF_+_3290646	3290646	3290846	+	3	201	GTG	TAG	0	0	
mORF_+_3290653	3290653	3290802	+	1	150	ATG	TAA	0	0	
mORF_+_3290684	3290684	3290743	+	2	60	TTG	TGA	0	0	
mORF_+_3290744	3290744	3290788	+	2	45	ATG	TAG	0	0	
mORF_+_3290839	3290839	3290892	+	1	54	GTG	TAG	0	0	
mORF_+_3290864	3290864	3290938	+	2	75	GTG	TAA	0	0	
mORF_+_3290910	3290910	3290981	+	3	72	TTG	TGA	0	0	
mORF_+_3290978	3290978	3291052	+	2	75	GTG	TAG	0	0	
mORF_+_3291046	3291046	3291069	+	1	24	ATG	TAG	0	0	
mORF_+_3291098	3291098	3291217	+	2	120	ATG	TGA	0	0	
mORF_+_3291103	3291103	3291207	+	1	105	TTG	TAA	0	0	
mORF_+_3291214	3291214	3291255	+	1	42	GTG	TAA	0	0	
mORF_+_3291275	3291275	3291316	+	2	42	GTG	TAA	0	0	
mORF_+_3291297	3291297	3291449	+	3	153	TTG	TGA	0	0	
mORF_+_3291343	3291343	3291399	+	1	57	TTG	TAA	0	0	
mORF_+_3291359	3291359	3291382	+	2	24	GTG	TAA	0	0	
mORF_+_3291392	3291392	3293458	+	2	2067	TTG	TAA	37	217	pORF_+_3291392
mORF_+_3291460	3291460	3291558	+	1	99	TTG	TGA	0	0	
mORF_+_3291471	3291471	3291488	+	3	18	TTG	TGA	0	0	
mORF_+_3291501	3291501	3291644	+	3	144	GTG	TGA	0	0	

mORF_+_3291669	3291669	3291701	+	3	33	TTG	TGA	0	0	
mORF_+_3291705	3291705	3291740	+	3	36	ATG	TAG	0	0	
mORF_+_3291765	3291765	3291812	+	3	48	TTG	TAG	0	0	
mORF_+_3291852	3291852	3291896	+	3	45	ATG	TAA	0	0	
mORF_+_3291897	3291897	3291974	+	3	78	TTG	TGA	0	0	
mORF_+_3292056	3292056	3292082	+	3	27	TTG	TGA	0	0	
mORF_+_3292218	3292218	3292307	+	3	90	ATG	TAG	0	0	
mORF_+_3292359	3292359	3292400	+	3	42	ATG	TGA	0	0	
mORF_+_3292404	3292404	3292436	+	3	33	GTG	TAA	0	0	
mORF_+_3292554	3292554	3292586	+	3	33	ATG	TGA	0	0	
mORF_+_3292596	3292596	3292610	+	3	15	TTG	TGA	0	0	
mORF_+_3292678	3292678	3292737	+	1	60	TTG	TGA	0	0	
mORF_+_3292716	3292716	3292766	+	3	51	ATG	TGA	0	0	
mORF_+_3292800	3292800	3292913	+	3	114	ATG	TAA	0	0	
mORF_+_3292816	3292816	3292890	+	1	75	GTG	TAA	0	0	
mORF_+_3292995	3292995	3293081	+	3	87	ATG	TGA	0	0	
mORF_+_3293109	3293109	3293231	+	3	123	GTG	TAA	0	0	
mORF_+_3293283	3293283	3293378	+	3	96	ATG	TGA	0	0	
mORF_+_3293392	3293392	3293403	+	1	12	TTG	TAA	0	0	
mORF_+_3293416	3293416	3293811	+	1	396	ATG	TAA	0	0	
mORF_+_3293477	3293477	3293545	+	2	69	ATG	TGA	0	0	
mORF_+_3293481	3293481	3293540	+	3	60	GTG	TAA	0	0	
mORF_+_3293552	3293552	3293572	+	2	21	GTG	TGA	0	0	
mORF_+_3293579	3293579	3293656	+	2	78	GTG	TGA	0	0	
mORF_+_3293697	3293697	3293714	+	3	18	GTG	TAA	0	0	
mORF_+_3293714	3293714	3293755	+	2	42	ATG	TAG	0	0	
mORF_+_3293736	3293736	3293771	+	3	36	TTG	TGA	0	0	
mORF_+_3293768	3293768	3293815	+	2	48	ATG	TAA	0	0	
mORF_+_3293778	3293778	3293786	+	3	9	GTG	TAA	0	0	
mORF_+_3293831	3293831	3294421	+	2	591	GTG	TAA	5	18	pORF_+_3293831
mORF_+_3293851	3293851	3293862	+	1	12	TTG	TGA	0	0	
mORF_+_3293880	3293880	3293927	+	3	48	TTG	TGA	0	0	
mORF_+_3293949	3293949	3294020	+	3	72	ATG	TGA	0	0	
mORF_+_3293968	3293968	3293976	+	1	9	TTG	TAA	0	0	
mORF_+_3294060	3294060	3294068	+	3	9	TTG	TAA	0	0	
mORF_+_3294078	3294078	3294089	+	3	12	ATG	TAA	0	0	
mORF_+_3294096	3294096	3294173	+	3	78	TTG	TAG	0	0	
mORF_+_3294186	3294186	3294242	+	3	57	GTG	TGA	0	0	
mORF_+_3294246	3294246	3294257	+	3	12	TTG	TGA	0	0	
mORF_+_3294264	3294264	3294293	+	3	30	ATG	TAG	0	0	
mORF_+_3294303	3294303	3294362	+	3	60	ATG	TGA	0	0	
mORF_+_3294370	3294370	3294393	+	1	24	TTG	TAA	0	0	
mORF_+_3294414	3294414	3294434	+	3	21	ATG	TGA	0	0	
mORF_+_3294431	3294431	3295006	+	2	576	ATG	TAG	21	143	pORF_+_3294431
mORF_+_3294484	3294484	3294540	+	1	57	TTG	TGA	0	0	
mORF_+_3294486	3294486	3294503	+	3	18	GTG	TAG	0	0	
mORF_+_3294549	3294549	3294593	+	3	45	GTG	TGA	0	0	
mORF_+_3294642	3294642	3294647	+	3	6	ATG	TAA	0	0	
mORF_+_3294675	3294675	3294734	+	3	60	TTG	TAG	0	0	
mORF_+_3294738	3294738	3294842	+	3	105	GTG	TAA	0	0	
mORF_+_3294808	3294808	3294894	+	1	87	GTG	TGA	0	0	
mORF_+_3294891	3294891	3294905	+	3	15	GTG	TGA	0	0	
mORF_+_3294924	3294924	3294962	+	3	39	GTG	TGA	0	0	
mORF_+_3295014	3295014	3295019	+	3	6	TTG	TAA	0	0	
mORF_+_3295019	3295019	3295459	+	2	441	ATG	TAA	0	0	
mORF_+_3295026	3295026	3295220	+	3	195	ATG	TAA	0	0	
mORF_+_3295105	3295105	3295188	+	1	84	ATG	TAA	0	0	
mORF_+_3295224	3295224	3295337	+	3	114	GTG	TGA	0	0	
mORF_+_3295303	3295303	3295416	+	1	114	TTG	TAA	0	0	
mORF_+_3295524	3295524	3295673	+	3	150	GTG	TAA	0	0	
mORF_+_3295535	3295535	3295888	+	2	354	ATG	TGA	0	0	
mORF_+_3295561	3295561	3295695	+	1	135	TTG	TAA	0	0	
mORF_+_3295716	3295716	3295982	+	3	267	ATG	TAG	0	0	

mORF_+_3295744	3295744	3296145	+	1	402	TTG	TGA	0	0	
mORF_+_3296042	3296042	3296050	+	2	9	TTG	TAG	0	0	
mORF_+_3296084	3296084	3296122	+	2	39	ATG	TGA	0	0	
mORF_+_3296123	3296123	3296140	+	2	18	ATG	TGA	0	0	
mORF_+_3296130	3296130	3296162	+	3	33	TTG	TAG	0	0	
mORF_+_3296182	3296182	3296232	+	1	51	ATG	TAA	0	0	
mORF_+_3296189	3296189	3296200	+	2	12	TTG	TGA	0	0	
mORF_+_3296223	3296223	3296315	+	3	93	TTG	TGA	0	0	
mORF_+_3296246	3296246	3296506	+	2	261	TTG	TAG	0	0	
mORF_+_3296284	3296284	3296361	+	1	78	ATG	TAA	0	0	
mORF_+_3296472	3296472	3296495	+	3	24	ATG	TGA	0	0	
mORF_+_3296518	3296518	3296583	+	1	66	GTG	TAA	0	0	
mORF_+_3296525	3296525	3296608	+	2	84	TTG	TAA	0	0	
mORF_+_3296583	3296583	3296621	+	3	39	ATG	TAA	0	0	
mORF_+_3296614	3296614	3297003	+	1	390	ATG	TAA	0	0	
mORF_+_3296630	3296630	3296824	+	2	195	TTG	TGA	0	0	
mORF_+_3296841	3296841	3296852	+	3	12	TTG	TAA	0	0	
mORF_+_3296912	3296912	3296926	+	2	15	ATG	TAA	0	0	
mORF_+_3296933	3296933	3296941	+	2	9	ATG	TAA	0	0	
mORF_+_3296952	3296952	3296999	+	3	48	TTG	TGA	0	0	
mORF_+_3296954	3296954	3297514	+	2	561	GTG	TGA	2	10	pORF_+_3296954
mORF_+_3297009	3297009	3297020	+	3	12	TTG	TAA	0	0	
mORF_+_3297027	3297027	3297092	+	3	66	ATG	TGA	0	0	
mORF_+_3297099	3297099	3297125	+	3	27	TTG	TGA	0	0	
mORF_+_3297171	3297171	3297179	+	3	9	ATG	TGA	0	0	
mORF_+_3297192	3297192	3297278	+	3	87	TTG	TGA	0	0	
mORF_+_3297282	3297282	3297326	+	3	45	GTG	TGA	0	0	
mORF_+_3297336	3297336	3297341	+	3	6	ATG	TGA	0	0	
mORF_+_3297381	3297381	3297731	+	3	351	TTG	TGA	0	0	
mORF_+_3297779	3297779	3297991	+	2	213	GTG	TGA	0	0	
mORF_+_3297804	3297804	3297809	+	3	6	ATG	TAG	0	0	
mORF_+_3297885	3297885	3298031	+	3	147	GTG	TAA	0	0	
mORF_+_3297901	3297901	3297918	+	1	18	TTG	TGA	0	0	
mORF_+_3297928	3297928	3297966	+	1	39	GTG	TGA	0	0	
mORF_+_3297988	3297988	3298290	+	1	303	ATG	TGA	0	0	
mORF_+_3298055	3298055	3298126	+	2	72	ATG	TAA	0	0	
mORF_+_3298241	3298241	3298255	+	2	15	TTG	TAA	0	0	
mORF_+_3298287	3298287	3298301	+	3	15	TTG	TGA	0	0	
mORF_+_3298292	3298292	3298345	+	2	54	ATG	TAA	0	0	
mORF_+_3298349	3298349	3298720	+	2	372	ATG	TGA	0	0	
mORF_+_3298371	3298371	3298400	+	3	30	GTG	TGA	0	0	
mORF_+_3298513	3298513	3298605	+	1	93	GTG	TAA	0	0	
mORF_+_3298560	3298560	3298616	+	3	57	ATG	TAG	0	0	
mORF_+_3298606	3298606	3298623	+	1	18	ATG	TGA	0	0	
mORF_+_3298620	3298620	3298628	+	3	9	ATG	TGA	0	0	
mORF_+_3298717	3298717	3298869	+	1	153	ATG	TAA	0	0	
mORF_+_3298755	3298755	3299030	+	3	276	ATG	TAA	0	0	
mORF_+_3298802	3298802	3299119	+	2	318	TTG	TGA	0	0	
mORF_+_3298882	3298882	3299127	+	1	246	TTG	TAA	0	0	
mORF_+_3299179	3299179	3299190	+	1	12	TTG	TAA	0	0	
mORF_+_3299223	3299223	3299357	+	3	135	ATG	TAG	0	0	
mORF_+_3299266	3299266	3299352	+	1	87	ATG	TAA	0	0	
mORF_+_3299333	3299333	3299365	+	2	33	TTG	TAA	0	0	
mORF_+_3299380	3299380	3299412	+	1	33	ATG	TAA	0	0	
mORF_+_3299430	3299430	3299447	+	3	18	TTG	TAA	0	0	
mORF_+_3299473	3299473	3299547	+	1	75	TTG	TAA	0	0	
mORF_+_3299480	3299480	3300502	+	2	1023	TTG	TGA	0	0	
mORF_+_3299571	3299571	3299591	+	3	21	ATG	TAA	0	0	
mORF_+_3299595	3299595	3299660	+	3	66	ATG	TGA	0	0	
mORF_+_3299664	3299664	3299783	+	3	120	TTG	TGA	0	0	
mORF_+_3299734	3299734	3299838	+	1	105	TTG	TGA	0	0	
mORF_+_3299835	3299835	3299954	+	3	120	TTG	TGA	0	0	
mORF_+_3299994	3299994	3300053	+	3	60	TTG	TGA	0	0	

mORF+_3300010	3300010	3300060	+	1	51	GTG	TGA	0	0	
mORF+_3300057	3300057	3300077	+	3	21	GTG	TAG	0	0	
mORF+_3300082	3300082	3300204	+	1	123	GTG	TAA	0	0	
mORF+_3300303	3300303	3300314	+	3	12	TTG	TGA	0	0	
mORF+_3300318	3300318	3300617	+	3	300	TTG	TGA	0	0	
mORF+_3300388	3300388	3300393	+	1	6	TTG	TAA	0	0	
mORF+_3300427	3300427	3300492	+	1	66	GTG	TAA	0	0	
mORF+_3300493	3300493	3301389	+	1	897	ATG	TAA	0	0	
mORF+_3300611	3300611	3300754	+	2	144	TTG	TGA	0	0	
mORF+_3300624	3300624	3300695	+	3	72	ATG	TAA	0	0	
mORF+_3300761	3300761	3300784	+	2	24	ATG	TGA	0	0	
mORF+_3300785	3300785	3300811	+	2	27	TTG	TGA	0	0	
mORF+_3300816	3300816	3300824	+	3	9	GTG	TGA	0	0	
mORF+_3300915	3300915	3300962	+	3	48	GTG	TAA	0	0	
mORF+_3300966	3300966	3300974	+	3	9	GTG	TGA	0	0	
mORF+_3300971	3300971	3301012	+	2	42	ATG	TGA	0	0	
mORF+_3301082	3301082	3301180	+	2	99	ATG	TGA	0	0	
mORF+_3301086	3301086	3301091	+	3	6	GTG	TGA	0	0	
mORF+_3301232	3301232	3301327	+	2	96	TTG	TGA	0	0	
mORF+_3301404	3301404	3301430	+	3	27	TTG	TAA	0	0	
mORF+_3301430	3301430	3301441	+	2	12	ATG	TAA	0	0	
mORF+_3301460	3301460	3301477	+	2	18	GTG	TGA	0	0	
mORF+_3301470	3301470	3302477	+	3	1008	ATG	TAG	4	8	pORF+_3301470
mORF+_3301486	3301486	3301626	+	1	141	TTG	TGA	0	0	
mORF+_3301633	3301633	3301659	+	1	27	TTG	TGA	0	0	
mORF+_3301741	3301741	3301833	+	1	93	TTG	TGA	0	0	
mORF+_3301864	3301864	3301980	+	1	117	TTG	TAG	0	0	
mORF+_3301970	3301970	3302176	+	2	207	GTG	TGA	0	0	
mORF+_3302017	3302017	3302211	+	1	195	TTG	TGA	0	0	
mORF+_3302221	3302221	3302310	+	1	90	GTG	TGA	0	0	
mORF+_3302326	3302326	3302487	+	1	162	GTG	TAA	0	0	
mORF+_3302477	3302477	3302563	+	2	87	GTG	TAG	0	0	
mORF+_3302556	3302556	3302594	+	3	39	TTG	TGA	0	0	
mORF+_3302573	3302573	3302620	+	2	48	ATG	TAA	0	0	
mORF+_3302634	3302634	3302744	+	3	111	ATG	TAA	0	0	
mORF+_3302642	3302642	3302776	+	2	135	GTG	TAG	0	0	
mORF+_3302647	3302647	3302793	+	1	147	TTG	TAA	0	0	
mORF+_3302797	3302797	3302919	+	1	123	ATG	TAG	0	0	
mORF+_3302861	3302861	3303073	+	2	213	ATG	TAA	0	0	
mORF+_3303088	3303088	3303189	+	1	102	ATG	TAA	0	0	
mORF+_3303203	3303203	3303298	+	2	96	TTG	TGA	0	0	
mORF+_3303216	3303216	3303473	+	3	258	GTG	TAG	0	0	
mORF+_3303280	3303280	3303495	+	1	216	TTG	TGA	0	0	
mORF+_3303302	3303302	3303343	+	2	42	ATG	TGA	0	0	
mORF+_3303434	3303434	3303571	+	2	138	ATG	TGA	0	0	
mORF+_3303492	3303492	3303710	+	3	219	GTG	TGA	0	0	
mORF+_3303556	3303556	3303636	+	1	81	ATG	TAA	0	0	
mORF+_3303707	3303707	3303736	+	2	30	TTG	TGA	0	0	
mORF+_3303733	3303733	3303858	+	1	126	ATG	TGA	0	0	
mORF+_3303809	3303809	3303841	+	2	33	GTG	TGA	0	0	
mORF+_3303816	3303816	3303830	+	3	15	TTG	TAG	0	0	
mORF+_3303855	3303855	3303992	+	3	138	GTG	TGA	0	0	
mORF+_3303865	3303865	3303939	+	1	75	GTG	TAA	0	0	
mORF+_3303881	3303881	3304027	+	2	147	ATG	TAG	0	0	
mORF+_3303970	3303970	3304302	+	1	333	TTG	TGA	0	0	
mORF+_3304185	3304185	3304208	+	3	24	ATG	TAA	0	0	
mORF+_3304193	3304193	3304231	+	2	39	GTG	TGA	0	0	
mORF+_3304251	3304251	3304748	+	3	498	GTG	TAG	0	0	
mORF+_3304315	3304315	3304332	+	1	18	TTG	TAA	0	0	
mORF+_3304342	3304342	3304377	+	1	36	ATG	TGA	0	0	
mORF+_3304411	3304411	3304653	+	1	243	ATG	TGA	0	0	
mORF+_3304586	3304586	3304717	+	2	132	GTG	TAG	0	0	
mORF+_3304657	3304657	3304680	+	1	24	TTG	TGA	0	0	

mORF+_3304741	3304741	3304893	+	1	153	TTG	TGA	0	0
mORF+_3304890	3304890	3305528	+	3	639	GTG	TAA	0	0
mORF+_3304990	3304990	3305076	+	1	87	ATG	TAG	0	0
mORF+_3305021	3305021	3305137	+	2	117	GTG	TAA	0	0
mORF+_3305119	3305119	3305214	+	1	96	TTG	TAG	0	0
mORF+_3305177	3305177	3305224	+	2	48	GTG	TGA	0	0
mORF+_3305224	3305224	3305253	+	1	30	ATG	TGA	0	0
mORF+_3305254	3305254	3305340	+	1	87	ATG	TGA	0	0
mORF+_3305318	3305318	3305365	+	2	48	TTG	TAA	0	0
mORF+_3305365	3305365	3305514	+	1	150	ATG	TGA	0	0
mORF+_3305529	3305529	3305699	+	3	171	TTG	TAA	0	0
mORF+_3305581	3305581	3305787	+	1	207	ATG	TGA	0	0
mORF+_3305603	3305603	3305821	+	2	219	TTG	TAA	0	0
mORF+_3305766	3305766	3305906	+	3	141	ATG	TAA	0	0
mORF+_3305863	3305863	3305886	+	1	24	GTG	TAG	0	0
mORF+_3305890	3305890	3305925	+	1	36	GTG	TAA	0	0
mORF+_3305906	3305906	3305935	+	2	30	ATG	TGA	0	0
mORF+_3305932	3305932	3305958	+	1	27	ATG	TGA	0	0
mORF+_3305955	3305955	3306017	+	3	63	TTG	TAA	0	0
mORF+_3305962	3305962	3305967	+	1	6	GTG	TGA	0	0
mORF+_3305983	3305983	3305991	+	1	9	GTG	TAA	0	0
mORF+_3306019	3306019	3306177	+	1	159	GTG	TGA	0	0
mORF+_3306051	3306051	3306152	+	3	102	GTG	TGA	0	0
mORF+_3306065	3306065	3306115	+	2	51	TTG	TAA	0	0
mORF+_3306134	3306134	3306214	+	2	81	GTG	TAG	0	0
mORF+_3306156	3306156	3306218	+	3	63	TTG	TAG	0	0
mORF+_3306181	3306181	3306249	+	1	69	GTG	TGA	0	0
mORF+_3306237	3306237	3306332	+	3	96	TTG	TAG	0	0
mORF+_3306251	3306251	3306304	+	2	54	ATG	TAA	0	0
mORF+_3306277	3306277	3306291	+	1	15	TTG	TGA	0	0
mORF+_3306308	3306308	3306505	+	2	198	TTG	TAA	0	0
mORF+_3306342	3306342	3306437	+	3	96	ATG	TAA	0	0
mORF+_3306462	3306462	3306476	+	3	15	TTG	TGA	0	0
mORF+_3306507	3306507	3306524	+	3	18	TTG	TAA	0	0
mORF+_3306529	3306529	3306651	+	1	123	ATG	TGA	0	0
mORF+_3306548	3306548	3306631	+	2	84	GTG	TAA	0	0
mORF+_3306558	3306558	3306563	+	3	6	TTG	TAA	0	0
mORF+_3306615	3306615	3306647	+	3	33	TTG	TAA	0	0
mORF+_3306648	3306648	3306998	+	3	351	TTG	TAA	0	0
mORF+_3306676	3306676	3306906	+	1	231	TTG	TAA	0	0
mORF+_3306686	3306686	3306709	+	2	24	TTG	TAA	0	0
mORF+_3306800	3306800	3306835	+	2	36	TTG	TAA	0	0
mORF+_3306842	3306842	3306976	+	2	135	TTG	TGA	0	0
mORF+_3306907	3306907	3306972	+	1	66	GTG	TGA	0	0
mORF+_3306973	3306973	3307125	+	1	153	ATG	TAA	0	0
mORF+_3306992	3306992	3308467	+	2	1476	TTG	TAG	0	0
mORF+_3307125	3307125	3307184	+	3	60	ATG	TGA	0	0
mORF+_3307221	3307221	3307235	+	3	15	TTG	TGA	0	0
mORF+_3307239	3307239	3307319	+	3	81	ATG	TAG	0	0
mORF+_3307279	3307279	3307347	+	1	69	ATG	TGA	0	0
mORF+_3307344	3307344	3307733	+	3	390	GTG	TGA	0	0
mORF+_3307534	3307534	3307569	+	1	36	GTG	TGA	0	0
mORF+_3307678	3307678	3307713	+	1	36	GTG	TGA	0	0
mORF+_3307749	3307749	3307769	+	3	21	ATG	TAG	0	0
mORF+_3307770	3307770	3307985	+	3	216	TTG	TGA	0	0
mORF+_3307795	3307795	3307821	+	1	27	TTG	TGA	0	0
mORF+_3308016	3308016	3308054	+	3	39	ATG	TAG	0	0
mORF+_3308128	3308128	3308136	+	1	9	TTG	TAA	0	0
mORF+_3308160	3308160	3308180	+	3	21	GTG	TGA	0	0
mORF+_3308358	3308358	3308393	+	3	36	ATG	TAA	0	0
mORF+_3308403	3308403	3308420	+	3	18	TTG	TAA	0	0
mORF+_3308446	3308446	3308535	+	1	90	GTG	TGA	0	0
mORF+_3308532	3308532	3308543	+	3	12	TTG	TGA	0	0

mORF_+_3308558	3308558	3309214	+	2	657	TTG	TAG	0	0
mORF_+_3308670	3308670	3308693	+	3	24	TTG	TGA	0	0
mORF_+_3308718	3308718	3308726	+	3	9	TTG	TAA	0	0
mORF_+_3308754	3308754	3308858	+	3	105	TTG	TGA	0	0
mORF_+_3308865	3308865	3308990	+	3	126	TTG	TAG	0	0
mORF_+_3308938	3308938	3309009	+	1	72	TTG	TAA	0	0
mORF_+_3309016	3309016	3309066	+	1	51	GTG	TAA	0	0
mORF_+_3309039	3309039	3309116	+	3	78	TTG	TGA	0	0
mORF_+_3309126	3309126	3309302	+	3	177	ATG	TAA	0	0
mORF_+_3309190	3309190	3309195	+	1	6	ATG	TAA	0	0
mORF_+_3309271	3309271	3309315	+	1	45	ATG	TAG	0	0
mORF_+_3309293	3309293	3309364	+	2	72	ATG	TAG	0	0
mORF_+_3309371	3309371	3309424	+	2	54	GTG	TGA	0	0
mORF_+_3309376	3309376	3309393	+	1	18	TTG	TGA	0	0
mORF_+_3309390	3309390	3309440	+	3	51	TTG	TAG	0	0
mORF_+_3309462	3309462	3309476	+	3	15	ATG	TAA	0	0
mORF_+_3309478	3309478	3309600	+	1	123	GTG	TGA	0	0
mORF_+_3309531	3309531	3309560	+	3	30	ATG	TGA	0	0
mORF_+_3309554	3309554	3309700	+	2	147	GTG	TAG	0	0
mORF_+_3309567	3309567	3309626	+	3	60	TTG	TGA	0	0
mORF_+_3309604	3309604	3309636	+	1	33	GTG	TAG	0	0
mORF_+_3309642	3309642	3309728	+	3	87	GTG	TAG	0	0
mORF_+_3309649	3309649	3309681	+	1	33	TTG	TAG	0	0
mORF_+_3309685	3309685	3309711	+	1	27	TTG	TAA	0	0
mORF_+_3309730	3309730	3309852	+	1	123	ATG	TAA	0	0
mORF_+_3309765	3309765	3309806	+	3	42	GTG	TAA	0	0
mORF_+_3309931	3309931	3310014	+	1	84	TTG	TAA	0	0
mORF_+_3309971	3309971	3310009	+	2	39	GTG	TGA	0	0
mORF_+_3310070	3310070	3310210	+	2	141	TTG	TAA	0	0
mORF_+_3310125	3310125	3310277	+	3	153	TTG	TGA	0	0
mORF_+_3310249	3310249	3310266	+	1	18	ATG	TAA	0	0
mORF_+_3310267	3310267	3310284	+	1	18	GTG	TGA	0	0
mORF_+_3310274	3310274	3310321	+	2	48	TTG	TAA	0	0
mORF_+_3310281	3310281	3310421	+	3	141	GTG	TGA	0	0
mORF_+_3310303	3310303	3310335	+	1	33	TTG	TAA	0	0
mORF_+_3310369	3310369	3310377	+	1	9	ATG	TGA	0	0
mORF_+_3310399	3310399	3310407	+	1	9	TTG	TGA	0	0
mORF_+_3310415	3310415	3310492	+	2	78	GTG	TAA	0	0
mORF_+_3310564	3310564	3310575	+	1	12	ATG	TAG	0	0
mORF_+_3310579	3310579	3310740	+	1	162	TTG	TGA	0	0
mORF_+_3310671	3310671	3310802	+	3	132	ATG	TAG	0	0
mORF_+_3310768	3310768	3310827	+	1	60	ATG	TAA	0	0
mORF_+_3310809	3310809	3310907	+	3	99	TTG	TAG	0	0
mORF_+_3310844	3310844	3310873	+	2	30	ATG	TGA	0	0
mORF_+_3310870	3310870	3310968	+	1	99	TTG	TGA	0	0
mORF_+_3310965	3310965	3312680	+	3	1716	ATG	TGA	0	0
mORF_+_3310982	3310982	3311215	+	2	234	TTG	TGA	0	0
mORF_+_3311257	3311257	3311283	+	1	27	GTG	TGA	0	0
mORF_+_3311315	3311315	3311332	+	2	18	ATG	TAA	0	0
mORF_+_3311347	3311347	3311358	+	1	12	ATG	TAA	0	0
mORF_+_3311371	3311371	3311436	+	1	66	ATG	TAG	0	0
mORF_+_3311491	3311491	3311526	+	1	36	TTG	TAG	0	0
mORF_+_3311536	3311536	3311565	+	1	30	TTG	TGA	0	0
mORF_+_3311602	3311602	3311724	+	1	123	ATG	TAG	0	0
mORF_+_3311725	3311725	3311736	+	1	12	ATG	TAG	0	0
mORF_+_3311774	3311774	3311800	+	2	27	GTG	TAA	0	0
mORF_+_3311812	3311812	3311979	+	1	168	ATG	TGA	0	0
mORF_+_3311995	3311995	3312033	+	1	39	ATG	TGA	0	0
mORF_+_3312074	3312074	3312115	+	2	42	GTG	TAA	0	0
mORF_+_3312166	3312166	3312195	+	1	30	ATG	TGA	0	0
mORF_+_3312259	3312259	3312810	+	1	552	TTG	TAG	0	0
mORF_+_3312590	3312590	3312685	+	2	96	TTG	TAA	0	0
mORF_+_3312693	3312693	3312800	+	3	108	GTG	TGA	0	0

mORF+_3312746	3312746	3312766	+	2	21	ATG	TAA	0	0	
mORF+_3312797	3312797	3312850	+	2	54	TTG	TGA	0	0	
mORF+_3312831	3312831	3313226	+	3	396	GTG	TGA	0	0	
mORF+_3312847	3312847	3312987	+	1	141	ATG	TGA	0	0	
mORF+_3312974	3312974	3312994	+	2	21	GTG	TAA	0	0	
mORF+_3313000	3313000	3313047	+	1	48	TTG	TGA	0	0	
mORF+_3313007	3313007	3313039	+	2	33	TTG	TGA	0	0	
mORF+_3313066	3313066	3313128	+	1	63	TTG	TGA	0	0	
mORF+_3313202	3313202	3313345	+	2	144	GTG	TAG	0	0	
mORF+_3313233	3313233	3313877	+	3	645	GTG	TGA	0	0	
mORF+_3313237	3313237	3313338	+	1	102	TTG	TGA	0	0	
mORF+_3313345	3313345	3313353	+	1	9	GTG	TGA	0	0	
mORF+_3313396	3313396	3313557	+	1	162	TTG	TGA	0	0	
mORF+_3313418	3313418	3313489	+	2	72	GTG	TGA	0	0	
mORF+_3313558	3313558	3313887	+	1	330	TTG	TGA	0	0	
mORF+_3313841	3313841	3314020	+	2	180	GTG	TAA	0	0	
mORF+_3313893	3313893	3315362	+	3	1470	GTG	TAA	0	0	
mORF+_3314035	3314035	3314394	+	1	360	ATG	TAG	0	0	
mORF+_3314108	3314108	3314212	+	2	105	GTG	TGA	0	0	
mORF+_3314213	3314213	3314320	+	2	108	ATG	TAG	0	0	
mORF+_3314333	3314333	3314473	+	2	141	GTG	TGA	0	0	
mORF+_3314455	3314455	3314505	+	1	51	ATG	TGA	0	0	
mORF+_3314539	3314539	3314583	+	1	45	TTG	TGA	0	0	
mORF+_3314635	3314635	3314772	+	1	138	ATG	TGA	0	0	
mORF+_3314681	3314681	3314695	+	2	15	GTG	TAA	0	0	
mORF+_3314827	3314827	3315000	+	1	174	TTG	TAG	0	0	
mORF+_3315079	3315079	3315165	+	1	87	TTG	TGA	0	0	
mORF+_3315218	3315218	3315232	+	2	15	TTG	TAG	0	0	
mORF+_3315232	3315232	3315264	+	1	33	GTG	TGA	0	0	
mORF+_3315308	3315308	3315325	+	2	18	GTG	TGA	0	0	
mORF+_3315322	3315322	3315579	+	1	258	GTG	TAA	0	0	
mORF+_3315426	3315426	3315497	+	3	72	TTG	TAG	0	0	
mORF+_3315443	3315443	3315649	+	2	207	TTG	TAA	0	0	
mORF+_3315582	3315582	3315797	+	3	216	GTG	TGA	0	0	
mORF+_3315652	3315652	3315759	+	1	108	GTG	TAG	0	0	
mORF+_3315769	3315769	3315816	+	1	48	GTG	TAA	0	0	
mORF+_3315776	3315776	3315826	+	2	51	GTG	TGA	0	0	
mORF+_3315823	3315823	3315915	+	1	93	GTG	TAG	0	0	
mORF+_3315861	3315861	3316007	+	3	147	GTG	TAA	0	0	
mORF+_3315916	3315916	3316047	+	1	132	ATG	TAA	0	0	
mORF+_3315923	3315923	3315946	+	2	24	GTG	TAA	0	0	
mORF+_3316011	3316011	3316019	+	3	9	TTG	TAA	0	0	
mORF+_3316019	3316019	3316060	+	2	42	ATG	TAA	0	0	
mORF+_3316211	3316211	3316573	+	2	363	TTG	TAA	0	0	
mORF+_3316234	3316234	3316278	+	1	45	GTG	TGA	0	0	
mORF+_3316275	3316275	3316316	+	3	42	ATG	TGA	0	0	
mORF+_3316320	3316320	3316346	+	3	27	GTG	TAA	0	0	
mORF+_3316339	3316339	3316392	+	1	54	TTG	TAA	0	0	
mORF+_3316350	3316350	3316454	+	3	105	ATG	TGA	0	0	
mORF+_3316455	3316455	3316484	+	3	30	ATG	TGA	0	0	
mORF+_3316491	3316491	3316514	+	3	24	TTG	TAA	0	0	
mORF+_3316566	3316566	3316577	+	3	12	ATG	TGA	0	0	
mORF+_3316574	3316574	3316609	+	2	36	ATG	TGA	0	0	
mORF+_3316591	3316591	3316662	+	1	72	TTG	TGA	0	0	
mORF+_3316649	3316649	3316819	+	2	171	GTG	TGA	0	0	
mORF+_3316659	3316659	3318002	+	3	1344	ATG	TAA	152	4297	pORF+_3316659
mORF+_3316699	3316699	3316869	+	1	171	TTG	TGA	0	0	
mORF+_3316903	3316903	3316950	+	1	48	TTG	TGA	0	0	
mORF+_3316916	3316916	3316933	+	2	18	GTG	TAA	0	0	
mORF+_3317002	3317002	3317013	+	1	12	TTG	TGA	0	0	
mORF+_3317020	3317020	3317028	+	1	9	ATG	TGA	0	0	
mORF+_3317038	3317038	3317097	+	1	60	GTG	TGA	0	0	
mORF+_3317101	3317101	3317187	+	1	87	ATG	TGA	0	0	

mORF_+_3317126	3317126	3317134	+	2	9	GTG	TGA	0	0
mORF_+_3317188	3317188	3317328	+	1	141	TTG	TGA	0	0
mORF_+_3317338	3317338	3317349	+	1	12	ATG	TGA	0	0
mORF_+_3317380	3317380	3317406	+	1	27	TTG	TGA	0	0
mORF_+_3317494	3317494	3317583	+	1	90	TTG	TGA	0	0
mORF_+_3317608	3317608	3317685	+	1	78	TTG	TGA	0	0
mORF_+_3317663	3317663	3317671	+	2	9	TTG	TGA	0	0
mORF_+_3317692	3317692	3317778	+	1	87	GTG	TGA	0	0
mORF_+_3317854	3317854	3317874	+	1	21	ATG	TGA	0	0
mORF_+_3317923	3317923	3318114	+	1	192	ATG	TGA	0	0
mORF_+_3318029	3318029	3318079	+	2	51	GTG	TAA	0	0
mORF_+_3318096	3318096	3318191	+	3	96	TTG	TAA	0	0
mORF_+_3318127	3318127	3318405	+	1	279	GTG	TAA	0	0
mORF_+_3318203	3318203	3318208	+	2	6	TTG	TAA	0	0
mORF_+_3318221	3318221	3318292	+	2	72	ATG	TGA	0	0
mORF_+_3318234	3318234	3318278	+	3	45	TTG	TAA	0	0
mORF_+_3318294	3318294	3318308	+	3	15	ATG	TAG	0	0
mORF_+_3318380	3318380	3318421	+	2	42	ATG	TGA	0	0
mORF_+_3318437	3318437	3318442	+	2	6	GTG	TAA	0	0
mORF_+_3318442	3318442	3318543	+	1	102	ATG	TAA	0	0
mORF_+_3318446	3318446	3318460	+	2	15	ATG	TAG	0	0
mORF_+_3318544	3318544	3318585	+	1	42	ATG	TAA	0	0
mORF_+_3318585	3318585	3318629	+	3	45	ATG	TGA	0	0
mORF_+_3318589	3318589	3318597	+	1	9	TTG	TAA	0	0
mORF_+_3318598	3318598	3318708	+	1	111	ATG	TAG	0	0
mORF_+_3318644	3318644	3318721	+	2	78	ATG	TGA	0	0
mORF_+_3318730	3318730	3318801	+	1	72	TTG	TAA	0	0
mORF_+_3318749	3318749	3318763	+	2	15	ATG	TAA	0	0
mORF_+_3318770	3318770	3318778	+	2	9	ATG	TGA	0	0
mORF_+_3318824	3318824	3318829	+	2	6	GTG	TAA	0	0
mORF_+_3318831	3318831	3318854	+	3	24	GTG	TAA	0	0
mORF_+_3318847	3318847	3318990	+	1	144	TTG	TGA	0	0
mORF_+_3318860	3318860	3318964	+	2	105	TTG	TAG	0	0
mORF_+_3318876	3318876	3318899	+	3	24	GTG	TAG	0	0
mORF_+_3318903	3318903	3318986	+	3	84	GTG	TGA	0	0
mORF_+_3318994	3318994	3319023	+	1	30	TTG	TGA	0	0
mORF_+_3319010	3319010	3319036	+	2	27	GTG	TGA	0	0
mORF_+_3319014	3319014	3319067	+	3	54	TTG	TGA	0	0
mORF_+_3319033	3319033	3319053	+	1	21	TTG	TAA	0	0
mORF_+_3319064	3319064	3319087	+	2	24	TTG	TAG	0	0
mORF_+_3319113	3319113	3319121	+	3	9	ATG	TGA	0	0
mORF_+_3319137	3319137	3319187	+	3	51	TTG	TGA	0	0
mORF_+_3319156	3319156	3319173	+	1	18	TTG	TAA	0	0
mORF_+_3319184	3319184	3319294	+	2	111	ATG	TAA	0	0
mORF_+_3319218	3319218	3319319	+	3	102	TTG	TGA	0	0
mORF_+_3319316	3319316	3319399	+	2	84	TTG	TAG	0	0
mORF_+_3319374	3319374	3319406	+	3	33	TTG	TAA	0	0
mORF_+_3319412	3319412	3319522	+	2	111	ATG	TGA	0	0
mORF_+_3319437	3319437	3319559	+	3	123	ATG	TAA	0	0
mORF_+_3319528	3319528	3319551	+	1	24	ATG	TAA	0	0
mORF_+_3319594	3319594	3319755	+	1	162	ATG	TAA	0	0
mORF_+_3319619	3319619	3319741	+	2	123	TTG	TAG	0	0
mORF_+_3319756	3319756	3319782	+	1	27	ATG	TAA	0	0
mORF_+_3319799	3319799	3319810	+	2	12	ATG	TAA	0	0
mORF_+_3319858	3319858	3319917	+	1	60	ATG	TAA	0	0
mORF_+_3319919	3319919	3319954	+	2	36	GTG	TAA	0	0
mORF_+_3320093	3320093	3320344	+	2	252	TTG	TAA	0	0
mORF_+_3320112	3320112	3320123	+	3	12	TTG	TAA	0	0
mORF_+_3320130	3320130	3320153	+	3	24	TTG	TAG	0	0
mORF_+_3320155	3320155	3320223	+	1	69	GTG	TAG	0	0
mORF_+_3320260	3320260	3320310	+	1	51	GTG	TGA	0	0
mORF_+_3320292	3320292	3320606	+	3	315	TTG	TGA	0	0
mORF_+_3320347	3320347	3320376	+	1	30	TTG	TGA	0	0

mORF_+_3320392	3320392	3320409	+	1	18	TTG	TAG	0	0
mORF_+_3320456	3320456	3320512	+	2	57	TTG	TAA	0	0
mORF_+_3320488	3320488	3320499	+	1	12	TTG	TAA	0	0
mORF_+_3320542	3320542	3320637	+	1	96	TTG	TGA	0	0
mORF_+_3320612	3320612	3320617	+	2	6	GTG	TGA	0	0
mORF_+_3320634	3320634	3320708	+	3	75	ATG	TGA	0	0
mORF_+_3320663	3320663	3320758	+	2	96	TTG	TAA	0	0
mORF_+_3320698	3320698	3320841	+	1	144	GTG	TAA	0	0
mORF_+_3320780	3320780	3320962	+	2	183	ATG	TAA	0	0
mORF_+_3320787	3320787	3320921	+	3	135	GTG	TAA	0	0
mORF_+_3320929	3320929	3321204	+	1	276	ATG	TAA	0	0
mORF_+_3320937	3320937	3320972	+	3	36	GTG	TAA	0	0
mORF_+_3320996	3320996	3321109	+	2	114	ATG	TGA	0	0
mORF_+_3321033	3321033	3321083	+	3	51	GTG	TAG	0	0
mORF_+_3321192	3321192	3321299	+	3	108	ATG	TGA	0	0
mORF_+_3321230	3321230	3321277	+	2	48	ATG	TGA	0	0
mORF_+_3321296	3321296	3321313	+	2	18	ATG	TGA	0	0
mORF_+_3321329	3321329	3321532	+	2	204	TTG	TGA	0	0
mORF_+_3321337	3321337	3321915	+	1	579	ATG	TGA	0	0
mORF_+_3321468	3321468	3321485	+	3	18	TTG	TAG	0	0
mORF_+_3321546	3321546	3321578	+	3	33	TTG	TGA	0	0
mORF_+_3321599	3321599	3321622	+	2	24	GTG	TAG	0	0
mORF_+_3321707	3321707	3321775	+	2	69	ATG	TAG	0	0
mORF_+_3321789	3321789	3321869	+	3	81	ATG	TGA	0	0
mORF_+_3321866	3321866	3321928	+	2	63	GTG	TAG	0	0
mORF_+_3321873	3321873	3321956	+	3	84	GTG	TAA	0	0
mORF_+_3321941	3321941	3322279	+	2	339	GTG	TGA	0	0
mORF_+_3321973	3321973	3322158	+	1	186	GTG	TGA	0	0
mORF_+_3322026	3322026	3322031	+	3	6	GTG	TGA	0	0
mORF_+_3322098	3322098	3322166	+	3	69	TTG	TGA	0	0
mORF_+_3322173	3322173	3322313	+	3	141	ATG	TGA	0	0
mORF_+_3322192	3322192	3322203	+	1	12	TTG	TGA	0	0
mORF_+_3322276	3322276	3322305	+	1	30	GTG	TGA	0	0
mORF_+_3322307	3322307	3322336	+	2	30	ATG	TAA	0	0
mORF_+_3322336	3322336	3322440	+	1	105	ATG	TAA	0	0
mORF_+_3322346	3322346	3322534	+	2	189	ATG	TAA	0	0
mORF_+_3322491	3322491	3322601	+	3	111	ATG	TGA	0	0
mORF_+_3322498	3322498	3322593	+	1	96	TTG	TAA	0	0
mORF_+_3322598	3322598	3322618	+	2	21	GTG	TGA	0	0
mORF_+_3322626	3322626	3322676	+	3	51	ATG	TGA	0	0
mORF_+_3322642	3322642	3322701	+	1	60	ATG	TAA	0	0
mORF_+_3322673	3322673	3322909	+	2	237	TTG	TGA	0	0
mORF_+_3322749	3322749	3322889	+	3	141	GTG	TGA	0	0
mORF_+_3322906	3322906	3322935	+	1	30	GTG	TGA	0	0
mORF_+_3322932	3322932	3322952	+	3	21	ATG	TGA	0	0
mORF_+_3322949	3322949	3322957	+	2	9	ATG	TGA	0	0
mORF_+_3322954	3322954	3323013	+	1	60	TTG	TGA	0	0
mORF_+_3323013	3323013	3323129	+	3	117	ATG	TAG	0	0
mORF_+_3323027	3323027	3323275	+	2	249	TTG	TGA	0	0
mORF_+_3323175	3323175	3323210	+	3	36	GTG	TAG	0	0
mORF_+_3323242	3323242	3324729	+	1	1488	ATG	TAA	0	0
mORF_+_3323304	3323304	3323327	+	3	24	GTG	TGA	0	0
mORF_+_3323324	3323324	3323443	+	2	120	ATG	TGA	0	0
mORF_+_3323331	3323331	3323480	+	3	150	GTG	TAA	0	0
mORF_+_3323450	3323450	3323521	+	2	72	ATG	TAG	0	0
mORF_+_3323522	3323522	3323581	+	2	60	ATG	TGA	0	0
mORF_+_3323595	3323595	3323651	+	3	57	TTG	TAA	0	0
mORF_+_3323660	3323660	3323707	+	2	48	TTG	TGA	0	0
mORF_+_3323756	3323756	3323959	+	2	204	ATG	TGA	0	0
mORF_+_3323850	3323850	3323915	+	3	66	GTG	TGA	0	0
mORF_+_3323916	3323916	3324068	+	3	153	TTG	TAG	0	0
mORF_+_3324083	3324083	3324157	+	2	75	ATG	TGA	0	0
mORF_+_3324215	3324215	3324523	+	2	309	ATG	TGA	0	0

mORF_+_3324225	3324225	3324314	+	3	90	GTG	TAG	0	0	
mORF_+_3324477	3324477	3324518	+	3	42	TTG	TGA	0	0	
mORF_+_3324536	3324536	3324595	+	2	60	ATG	TGA	0	0	
mORF_+_3324599	3324599	3324742	+	2	144	ATG	TGA	0	0	
mORF_+_3324669	3324669	3324701	+	3	33	TTG	TGA	0	0	
mORF_+_3324749	3324749	3324754	+	2	6	ATG	TAA	0	0	
mORF_+_3324755	3324755	3324763	+	2	9	GTG	TAA	0	0	
mORF_+_3324779	3324779	3324859	+	2	81	TTG	TAA	0	0	
mORF_+_3324841	3324841	3324846	+	1	6	TTG	TAG	0	0	
mORF_+_3324926	3324926	3325060	+	2	135	ATG	TAG	0	0	
mORF_+_3324990	3324990	3325046	+	3	57	GTG	TGA	0	0	
mORF_+_3325101	3325101	3325133	+	3	33	GTG	TGA	0	0	
mORF_+_3325130	3325130	3325399	+	2	270	TTG	TGA	0	0	
mORF_+_3325290	3325290	3325325	+	3	36	GTG	TGA	0	0	
mORF_+_3325362	3325362	3325421	+	3	60	GTG	TAG	0	0	
mORF_+_3325448	3325448	3325618	+	2	171	ATG	TGA	0	0	
mORF_+_3325471	3325471	3325491	+	1	21	TTG	TGA	0	0	
mORF_+_3325488	3325488	3325541	+	3	54	GTG	TAA	0	0	
mORF_+_3325555	3325555	3325596	+	1	42	TTG	TAA	0	0	
mORF_+_3325608	3325608	3325634	+	3	27	GTG	TAA	0	0	
mORF_+_3325615	3325615	3325707	+	1	93	TTG	TAA	0	0	
mORF_+_3325698	3325698	3325772	+	3	75	ATG	TAG	0	0	
mORF_+_3325756	3325756	3325815	+	1	60	ATG	TGA	0	0	
mORF_+_3325763	3325763	3325777	+	2	15	ATG	TGA	0	0	
mORF_+_3325812	3325812	3326105	+	3	294	ATG	TAA	11	68	pORF_+_3325812
mORF_+_3325873	3325873	3325899	+	1	27	TTG	TGA	0	0	
mORF_+_3325921	3325921	3325935	+	1	15	TTG	TAG	0	0	
mORF_+_3325942	3325942	3325959	+	1	18	ATG	TGA	0	0	
mORF_+_3326032	3326032	3326139	+	1	108	ATG	TAA	0	0	
mORF_+_3326129	3326129	3326257	+	2	129	TTG	TAA	0	0	
mORF_+_3326172	3326172	3326192	+	3	21	ATG	TGA	0	0	
mORF_+_3326250	3326250	3326426	+	3	177	TTG	TAA	0	0	
mORF_+_3326387	3326387	3326698	+	2	312	TTG	TAA	0	0	
mORF_+_3326490	3326490	3326753	+	3	264	TTG	TGA	0	0	
mORF_+_3326732	3326732	3326902	+	2	171	TTG	TGA	0	0	
mORF_+_3326938	3326938	3327015	+	1	78	TTG	TGA	0	0	
mORF_+_3326969	3326969	3327055	+	2	87	TTG	TGA	0	0	
mORF_+_3326985	3326985	3328418	+	3	1434	ATG	TAG	4	17	pORF_+_3326985
mORF_+_3327034	3327034	3327099	+	1	66	GTG	TGA	0	0	
mORF_+_3327133	3327133	3327183	+	1	51	TTG	TGA	0	0	
mORF_+_3327241	3327241	3327288	+	1	48	TTG	TAG	0	0	
mORF_+_3327298	3327298	3327318	+	1	21	TTG	TAA	0	0	
mORF_+_3327379	3327379	3327393	+	1	15	ATG	TGA	0	0	
mORF_+_3327440	3327440	3327448	+	2	9	ATG	TGA	0	0	
mORF_+_3327445	3327445	3327453	+	1	9	ATG	TGA	0	0	
mORF_+_3327458	3327458	3327466	+	2	9	ATG	TAG	0	0	
mORF_+_3327490	3327490	3327663	+	1	174	TTG	TGA	0	0	
mORF_+_3327683	3327683	3327703	+	2	21	ATG	TGA	0	0	
mORF_+_3327721	3327721	3327762	+	1	42	TTG	TGA	0	0	
mORF_+_3327766	3327766	3327774	+	1	9	ATG	TAA	0	0	
mORF_+_3327844	3327844	3327894	+	1	51	TTG	TGA	0	0	
mORF_+_3327943	3327943	3328077	+	1	135	ATG	TGA	0	0	
mORF_+_3327968	3327968	3328072	+	2	105	ATG	TAA	0	0	
mORF_+_3328078	3328078	3328095	+	1	18	TTG	TGA	0	0	
mORF_+_3328114	3328114	3328335	+	1	222	TTG	TAG	0	0	
mORF_+_3328378	3328378	3328497	+	1	120	TTG	TAA	0	0	
mORF_+_3328439	3328439	3328462	+	2	24	ATG	TGA	0	0	
mORF_+_3328467	3328467	3328607	+	3	141	GTG	TAA	0	0	
mORF_+_3328487	3328487	3328582	+	2	96	ATG	TGA	0	0	
mORF_+_3328522	3328522	3328554	+	1	33	GTG	TAG	0	0	
mORF_+_3328600	3328600	3328620	+	1	21	GTG	TGA	0	0	
mORF_+_3328611	3328611	3328616	+	3	6	TTG	TAA	0	0	
mORF_+_3328617	3328617	3328709	+	3	93	ATG	TGA	0	0	

mORF_+_3328706	3328706	3328939	+	2	234	ATG	TAA	1	2	pORF_+_3328706
mORF_+_3328722	3328722	3328847	+	3	126	ATG	TAA	0	0	
mORF_+_3328926	3328926	3329213	+	3	288	TTG	TAA	0	0	
mORF_+_3329048	3329048	3329839	+	2	792	GTG	TAA	0	0	
mORF_+_3329188	3329188	3329205	+	1	18	TTG	TAA	0	0	
mORF_+_3329272	3329272	3329376	+	1	105	TTG	TAA	0	0	
mORF_+_3329343	3329343	3329441	+	3	99	GTG	TGA	0	0	
mORF_+_3329448	3329448	3329567	+	3	120	TTG	TGA	0	0	
mORF_+_3329554	3329554	3329610	+	1	57	TTG	TAA	0	0	
mORF_+_3329613	3329613	3329858	+	3	246	GTG	TGA	0	0	
mORF_+_3329755	3329755	3329790	+	1	36	ATG	TAA	0	0	
mORF_+_3329824	3329824	3329985	+	1	162	TTG	TAA	0	0	
mORF_+_3329855	3329855	3329914	+	2	60	ATG	TAA	0	0	
mORF_+_3329862	3329862	3329909	+	3	48	ATG	TAA	0	0	
mORF_+_3329989	3329989	3329997	+	1	9	GTG	TGA	0	0	
mORF_+_3329994	3329994	3330239	+	3	246	GTG	TAA	0	0	
mORF_+_3330097	3330097	3330117	+	1	21	ATG	TAA	0	0	
mORF_+_3330110	3330110	3330169	+	2	60	GTG	TAA	0	0	
mORF_+_3330139	3330139	3330276	+	1	138	TTG	TAA	0	0	
mORF_+_3330224	3330224	3330487	+	2	264	TTG	TGA	0	0	
mORF_+_3330285	3330285	3330290	+	3	6	GTG	TAA	0	0	
mORF_+_3330294	3330294	3330377	+	3	84	GTG	TGA	0	0	
mORF_+_3330301	3330301	3330306	+	1	6	TTG	TAA	0	0	
mORF_+_3330361	3330361	3330399	+	1	39	ATG	TGA	0	0	
mORF_+_3330378	3330378	3330638	+	3	261	GTG	TAA	1	4	pORF_+_3330378
mORF_+_3330484	3330484	3330492	+	1	9	ATG	TGA	0	0	
mORF_+_3330550	3330550	3330720	+	1	171	GTG	TGA	0	0	
mORF_+_3330714	3330714	3330791	+	3	78	GTG	TAA	0	0	
mORF_+_3330781	3330781	3330903	+	1	123	TTG	TGA	0	0	
mORF_+_3330801	3330801	3330830	+	3	30	ATG	TAA	0	0	
mORF_+_3330897	3330897	3331025	+	3	129	ATG	TGA	0	0	
mORF_+_3330971	3330971	3331096	+	2	126	GTG	TGA	0	0	
mORF_+_3331032	3331032	3331145	+	3	114	ATG	TGA	0	0	
mORF_+_3331111	3331111	3331680	+	1	570	GTG	TAA	1	3	pORF_+_3331111
mORF_+_3331133	3331133	3331165	+	2	33	ATG	TAG	0	0	
mORF_+_3331172	3331172	3331204	+	2	33	ATG	TGA	0	0	
mORF_+_3331295	3331295	3331423	+	2	129	TTG	TGA	0	0	
mORF_+_3331347	3331347	3331508	+	3	162	TTG	TGA	0	0	
mORF_+_3331505	3331505	3331525	+	2	21	ATG	TAA	0	0	
mORF_+_3331515	3331515	3331538	+	3	24	GTG	TAG	0	0	
mORF_+_3331568	3331568	3331621	+	2	54	TTG	TAA	0	0	
mORF_+_3331575	3331575	3331667	+	3	93	GTG	TAA	0	0	
mORF_+_3331631	3331631	3331705	+	2	75	GTG	TAA	0	0	
mORF_+_3331727	3331727	3331735	+	2	9	TTG	TGA	0	0	
mORF_+_3331732	3331732	3332703	+	1	972	ATG	TAA	23	140	pORF_+_3331732
mORF_+_3331751	3331751	3331759	+	2	9	ATG	TAA	0	0	
mORF_+_3331778	3331778	3331825	+	2	48	GTG	TGA	0	0	
mORF_+_3331883	3331883	3331948	+	2	66	TTG	TGA	0	0	
mORF_+_3331988	3331988	3332065	+	2	78	TTG	TAG	0	0	
mORF_+_3332165	3332165	3332182	+	2	18	GTG	TGA	0	0	
mORF_+_3332255	3332255	3332359	+	2	105	TTG	TGA	0	0	
mORF_+_3332271	3332271	3332405	+	3	135	GTG	TAA	0	0	
mORF_+_3332381	3332381	3332401	+	2	21	ATG	TAG	0	0	
mORF_+_3332408	3332408	3332425	+	2	18	ATG	TGA	0	0	
mORF_+_3332456	3332456	3332494	+	2	39	ATG	TGA	0	0	
mORF_+_3332562	3332562	3332576	+	3	15	TTG	TGA	0	0	
mORF_+_3332564	3332564	3332785	+	2	222	GTG	TGA	0	0	
mORF_+_3332577	3332577	3332747	+	3	171	ATG	TAA	0	0	
mORF_+_3332795	3332795	3332902	+	2	108	ATG	TGA	0	0	
mORF_+_3332797	3332797	3332817	+	1	21	GTG	TGA	0	0	
mORF_+_3332871	3332871	3332912	+	3	42	GTG	TAA	0	0	
mORF_+_3332890	3332890	3332898	+	1	9	GTG	TGA	0	0	
mORF_+_3332899	3332899	3333030	+	1	132	ATG	TGA	0	0	

mORF_+_3332921	3332921	3332941	+	2	21	GTG	TAA	0	0	
mORF_+_3332931	3332931	3333209	+	3	279	ATG	TGA	0	0	
mORF_+_3333049	3333049	3333084	+	1	36	ATG	TGA	0	0	
mORF_+_3333065	3333065	3333109	+	2	45	ATG	TGA	0	0	
mORF_+_3333088	3333088	3333180	+	1	93	TTG	TGA	0	0	
mORF_+_3333206	3333206	3333292	+	2	87	ATG	TAA	0	0	
mORF_+_3333210	3333210	3333224	+	3	15	GTG	TAG	0	0	
mORF_+_3333283	3333283	3333423	+	1	141	TTG	TAA	0	0	
mORF_+_3333303	3333303	3333323	+	3	21	TTG	TAG	0	0	
mORF_+_3333333	3333333	3333338	+	3	6	ATG	TGA	0	0	
mORF_+_3333335	3333335	3333400	+	2	66	GTG	TGA	0	0	
mORF_+_3333427	3333427	3333462	+	1	36	GTG	TAA	0	0	
mORF_+_3333452	3333452	3333856	+	2	405	GTG	TAA	1	5	pORF_+_3333452
mORF_+_3333468	3333468	3333842	+	3	375	TTG	TAG	0	0	
mORF_+_3333613	3333613	3333642	+	1	30	ATG	TAA	0	0	
mORF_+_3333873	3333873	3333896	+	3	24	ATG	TGA	0	0	
mORF_+_3333978	3333978	3334094	+	3	117	GTG	TAA	0	0	
mORF_+_3333997	3333997	3334011	+	1	15	TTG	TGA	0	0	
mORF_+_3334021	3334021	3334035	+	1	15	TTG	TGA	0	0	
mORF_+_3334052	3334052	3334123	+	2	72	ATG	TAA	0	0	
mORF_+_3334054	3334054	3334089	+	1	36	GTG	TAA	0	0	
mORF_+_3334107	3334107	3334202	+	3	96	TTG	TGA	0	0	
mORF_+_3334124	3334124	3334147	+	2	24	TTG	TAG	0	0	
mORF_+_3334186	3334186	3334239	+	1	54	GTG	TAG	0	0	
mORF_+_3334193	3334193	3334348	+	2	156	TTG	TAG	0	0	
mORF_+_3334248	3334248	3334268	+	3	21	ATG	TAA	0	0	
mORF_+_3334270	3334270	3334287	+	1	18	GTG	TAA	0	0	
mORF_+_3334357	3334357	3334437	+	1	81	TTG	TAG	0	0	
mORF_+_3334465	3334465	3334470	+	1	6	TTG	TGA	0	0	
mORF_+_3334467	3334467	3334499	+	3	33	GTG	TGA	0	0	
mORF_+_3334489	3334489	3334569	+	1	81	TTG	TAG	0	0	
mORF_+_3334587	3334587	3334640	+	3	54	TTG	TGA	0	0	
mORF_+_3334637	3334637	3334978	+	2	342	ATG	TGA	0	0	
mORF_+_3334641	3334641	3334679	+	3	39	ATG	TAG	0	0	
mORF_+_3334707	3334707	3334742	+	3	36	ATG	TGA	0	0	
mORF_+_3334824	3334824	3334847	+	3	24	ATG	TAA	0	0	
mORF_+_3334876	3334876	3334893	+	1	18	TTG	TAA	0	0	
mORF_+_3335040	3335040	3335057	+	3	18	TTG	TGA	0	0	
mORF_+_3335067	3335067	3335216	+	3	150	TTG	TGA	0	0	
mORF_+_3335099	3335099	3335203	+	2	105	ATG	TAG	0	0	
mORF_+_3335110	3335110	3335148	+	1	39	GTG	TAA	0	0	
mORF_+_3335241	3335241	3335300	+	3	60	GTG	TGA	0	0	
mORF_+_3335266	3335266	3335901	+	1	636	GTG	TAA	0	0	
mORF_+_3335297	3335297	3335311	+	2	15	GTG	TGA	0	0	
mORF_+_3335351	3335351	3335425	+	2	75	TTG	TAA	0	0	
mORF_+_3335435	3335435	3335563	+	2	129	TTG	TGA	0	0	
mORF_+_3335666	3335666	3335671	+	2	6	TTG	TAA	0	0	
mORF_+_3335715	3335715	3335909	+	3	195	ATG	TAA	0	0	
mORF_+_3335738	3335738	3335752	+	2	15	ATG	TAA	0	0	
mORF_+_3335759	3335759	3335929	+	2	171	TTG	TGA	0	0	
mORF_+_3335940	3335940	3336047	+	3	108	TTG	TGA	0	0	
mORF_+_3335957	3335957	3336031	+	2	75	GTG	TAA	0	0	
mORF_+_3336044	3336044	3336082	+	2	39	ATG	TGA	0	0	
mORF_+_3336084	3336084	3336107	+	3	24	TTG	TAG	0	0	
mORF_+_3336144	3336144	3336272	+	3	129	ATG	TAA	0	0	
mORF_+_3336154	3336154	3336441	+	1	288	TTG	TAA	0	0	
mORF_+_3336182	3336182	3336217	+	2	36	ATG	TAA	0	0	
mORF_+_3336338	3336338	3336358	+	2	21	ATG	TAA	0	0	
mORF_+_3336362	3336362	3336367	+	2	6	GTG	TAG	0	0	
mORF_+_3336383	3336383	3336808	+	2	426	ATG	TAA	0	0	
mORF_+_3336432	3336432	3336485	+	3	54	GTG	TGA	0	0	
mORF_+_3336478	3336478	3336579	+	1	102	TTG	TAA	0	0	
mORF_+_3336558	3336558	3336608	+	3	51	GTG	TAG	0	0	

mORF_+_3336636	3336636	3337031	+	3	396	GTG	TAA	0	0	
mORF_+_3336706	3336706	3336747	+	1	42	TTG	TGA	0	0	
mORF_+_3336802	3336802	3336816	+	1	15	GTG	TAA	0	0	
mORF_+_3336887	3336887	3336925	+	2	39	TTG	TAG	0	0	
mORF_+_3337032	3337032	3337049	+	3	18	GTG	TAA	0	0	
mORF_+_3337052	3337052	3337192	+	2	141	TTG	TAA	0	0	
mORF_+_3337074	3337074	3337127	+	3	54	ATG	TAG	0	0	
mORF_+_3337155	3337155	3337292	+	3	138	TTG	TAA	0	0	
mORF_+_3337238	3337238	3337264	+	2	27	ATG	TAA	0	0	
mORF_+_3337273	3337273	3337281	+	1	9	GTG	TAA	0	0	
mORF_+_3337302	3337302	3337463	+	3	162	GTG	TAA	0	0	
mORF_+_3337426	3337426	3337449	+	1	24	TTG	TGA	0	0	
mORF_+_3337479	3337479	3337670	+	3	192	GTG	TAG	1	2	pORF_+_3337479
mORF_+_3337549	3337549	3337767	+	1	219	ATG	TAG	0	0	
mORF_+_3337722	3337722	3337820	+	3	99	ATG	TAA	0	0	
mORF_+_3337730	3337730	3337798	+	2	69	ATG	TGA	0	0	
mORF_+_3337774	3337774	3337815	+	1	42	TTG	TGA	0	0	
mORF_+_3337822	3337822	3337905	+	1	84	ATG	TGA	0	0	
mORF_+_3337902	3337902	3337940	+	3	39	ATG	TAG	0	0	
mORF_+_3337910	3337910	3337972	+	2	63	GTG	TGA	0	0	
mORF_+_3337954	3337954	3338181	+	1	228	ATG	TAG	0	0	
mORF_+_3338103	3338103	3338111	+	3	9	TTG	TGA	0	0	
mORF_+_3338108	3338108	3338119	+	2	12	TTG	TAA	0	0	
mORF_+_3338174	3338174	3338218	+	2	45	GTG	TAA	0	0	
mORF_+_3338297	3338297	3339274	+	2	978	ATG	TAA	1	2	pORF_+_3338297
mORF_+_3338322	3338322	3338411	+	3	90	TTG	TGA	0	0	
mORF_+_3338383	3338383	3338592	+	1	210	TTG	TGA	0	0	
mORF_+_3338436	3338436	3338501	+	3	66	TTG	TAG	0	0	
mORF_+_3338505	3338505	3338546	+	3	42	TTG	TGA	0	0	
mORF_+_3338592	3338592	3338618	+	3	27	ATG	TAA	0	0	
mORF_+_3338655	3338655	3338771	+	3	117	ATG	TGA	0	0	
mORF_+_3338710	3338710	3338730	+	1	21	ATG	TAA	0	0	
mORF_+_3338784	3338784	3338924	+	3	141	TTG	TGA	0	0	
mORF_+_3338827	3338827	3338880	+	1	54	ATG	TGA	0	0	
mORF_+_3338943	3338943	3338984	+	3	42	TTG	TAG	0	0	
mORF_+_3339000	3339000	3339080	+	3	81	GTG	TGA	0	0	
mORF_+_3339096	3339096	3339131	+	3	36	TTG	TGA	0	0	
mORF_+_3339153	3339153	3339200	+	3	48	TTG	TAG	0	0	
mORF_+_3339163	3339163	3339270	+	1	108	GTG	TGA	0	0	
mORF_+_3339267	3339267	3340274	+	3	1008	TTG	TAA	18	198	pORF_+_3339267
mORF_+_3339316	3339316	3339561	+	1	246	TTG	TAG	0	0	
mORF_+_3339362	3339362	3339379	+	2	18	ATG	TGA	0	0	
mORF_+_3339428	3339428	3339433	+	2	6	GTG	TAA	0	0	
mORF_+_3339580	3339580	3339588	+	1	9	ATG	TGA	0	0	
mORF_+_3339589	3339589	3339633	+	1	45	TTG	TAA	0	0	
mORF_+_3339712	3339712	3339735	+	1	24	ATG	TAG	0	0	
mORF_+_3339722	3339722	3339730	+	2	9	GTG	TAA	0	0	
mORF_+_3339802	3339802	3339825	+	1	24	ATG	TAA	0	0	
mORF_+_3339853	3339853	3339906	+	1	54	TTG	TAA	0	0	
mORF_+_3339928	3339928	3340005	+	1	78	ATG	TGA	0	0	
mORF_+_3340013	3340013	3340021	+	2	9	TTG	TGA	0	0	
mORF_+_3340018	3340018	3340029	+	1	12	ATG	TGA	0	0	
mORF_+_3340033	3340033	3340101	+	1	69	TTG	TAA	0	0	
mORF_+_3340105	3340105	3340116	+	1	12	TTG	TGA	0	0	
mORF_+_3340135	3340135	3340170	+	1	36	GTG	TGA	0	0	
mORF_+_3340207	3340207	3340269	+	1	63	TTG	TAG	0	0	
mORF_+_3340295	3340295	3340861	+	2	567	ATG	TGA	7	37	pORF_+_3340295
mORF_+_3340308	3340308	3340355	+	3	48	GTG	TAG	0	0	
mORF_+_3340389	3340389	3340418	+	3	30	ATG	TGA	0	0	
mORF_+_3340434	3340434	3340448	+	3	15	ATG	TGA	0	0	
mORF_+_3340458	3340458	3340544	+	3	87	ATG	TAG	0	0	
mORF_+_3340483	3340483	3340500	+	1	18	TTG	TGA	0	0	
mORF_+_3340552	3340552	3340614	+	1	63	TTG	TAG	0	0	

mORF+_3340554	3340554	3340604	+	3	51	GTG	TGA	0	0	
mORF+_3340638	3340638	3340691	+	3	54	TTG	TAA	0	0	
mORF+_3340725	3340725	3340742	+	3	18	ATG	TGA	0	0	
mORF+_3340770	3340770	3340865	+	3	96	TTG	TAA	0	0	
mORF+_3340801	3340801	3340839	+	1	39	TTG	TGA	0	0	
mORF+_3340858	3340858	3341433	+	1	576	ATG	TAA	2	4	pORF+_3340858
mORF+_3340875	3340875	3340925	+	3	51	TTG	TAA	0	0	
mORF+_3340886	3340886	3340912	+	2	27	TTG	TGA	0	0	
mORF+_3340970	3340970	3341032	+	2	63	ATG	TAA	0	0	
mORF+_3341045	3341045	3341146	+	2	102	TTG	TAA	0	0	
mORF+_3341085	3341085	3341117	+	3	33	GTG	TGA	0	0	
mORF+_3341136	3341136	3341156	+	3	21	ATG	TAA	0	0	
mORF+_3341171	3341171	3341275	+	2	105	ATG	TGA	0	0	
mORF+_3341282	3341282	3341341	+	2	60	ATG	TGA	0	0	
mORF+_3341381	3341381	3341959	+	2	579	TTG	TAA	11	58	pORF+_3341381
mORF+_3341436	3341436	3341486	+	3	51	TTG	TAA	0	0	
mORF+_3341514	3341514	3341657	+	3	144	TTG	TGA	0	0	
mORF+_3341658	3341658	3341771	+	3	114	TTG	TGA	0	0	
mORF+_3341778	3341778	3341837	+	3	60	ATG	TGA	0	0	
mORF+_3341966	3341966	3342691	+	2	726	ATG	TGA	36	340	pORF+_3341966
mORF+_3341991	3341991	3342023	+	3	33	TTG	TAG	0	0	
mORF+_3342057	3342057	3342116	+	3	60	TTG	TAG	0	0	
mORF+_3342120	3342120	3342263	+	3	144	TTG	TGA	0	0	
mORF+_3342282	3342282	3342329	+	3	48	GTG	TGA	0	0	
mORF+_3342345	3342345	3342404	+	3	60	TTG	TAG	0	0	
mORF+_3342408	3342408	3342539	+	3	132	TTG	TGA	0	0	
mORF+_3342558	3342558	3342611	+	3	54	GTG	TGA	0	0	
mORF+_3342574	3342574	3342579	+	1	6	TTG	TGA	0	0	
mORF+_3342660	3342660	3342767	+	3	108	GTG	TAG	0	0	
mORF+_3342704	3342704	3342736	+	2	33	TTG	TGA	0	0	
mORF+_3342739	3342739	3344172	+	1	1434	ATG	TGA	13	43	pORF+_3342739
mORF+_3342878	3342878	3343111	+	2	234	TTG	TGA	0	0	
mORF+_3342999	3342999	3343046	+	3	48	TTG	TGA	0	0	
mORF+_3343113	3343113	3343124	+	3	12	GTG	TGA	0	0	
mORF+_3343121	3343121	3343129	+	2	9	TTG	TGA	0	0	
mORF+_3343157	3343157	3343201	+	2	45	TTG	TGA	0	0	
mORF+_3343238	3343238	3343339	+	2	102	ATG	TGA	0	0	
mORF+_3343371	3343371	3343400	+	3	30	GTG	TAG	0	0	
mORF+_3343469	3343469	3343477	+	2	9	ATG	TGA	0	0	
mORF+_3343550	3343550	3343600	+	2	51	ATG	TAG	0	0	
mORF+_3343610	3343610	3343726	+	2	117	GTG	TGA	0	0	
mORF+_3343656	3343656	3343664	+	3	9	GTG	TAA	0	0	
mORF+_3343719	3343719	3343748	+	3	30	ATG	TAA	0	0	
mORF+_3343781	3343781	3343825	+	2	45	TTG	TGA	0	0	
mORF+_3343868	3343868	3343891	+	2	24	ATG	TGA	0	0	
mORF+_3343928	3343928	3343936	+	2	9	TTG	TGA	0	0	
mORF+_3344000	3344000	3344011	+	2	12	GTG	TGA	0	0	
mORF+_3344111	3344111	3344482	+	2	372	TTG	TAA	5	30	pORF+_3344111
mORF+_3344169	3344169	3344318	+	3	150	TTG	TGA	0	0	
mORF+_3344346	3344346	3344363	+	3	18	ATG	TAA	0	0	
mORF+_3344367	3344367	3344426	+	3	60	GTG	TAA	0	0	
mORF+_3344427	3344427	3344450	+	3	24	TTG	TGA	0	0	
mORF+_3344483	3344483	3344575	+	2	93	TTG	TGA	0	0	
mORF+_3344500	3344500	3344595	+	1	96	ATG	TGA	0	0	
mORF+_3344502	3344502	3344549	+	3	48	GTG	TAA	0	0	
mORF+_3344576	3344576	3345091	+	2	516	GTG	TAG	16	129	pORF+_3344576
mORF+_3344592	3344592	3344603	+	3	12	GTG	TGA	0	0	
mORF+_3344610	3344610	3344765	+	3	156	ATG	TGA	0	0	
mORF+_3344650	3344650	3344730	+	1	81	ATG	TAG	0	0	
mORF+_3344799	3344799	3344882	+	3	84	ATG	TAG	0	0	
mORF+_3344889	3344889	3345146	+	3	258	ATG	TGA	0	0	
mORF+_3345118	3345118	3345123	+	1	6	TTG	TGA	0	0	
mORF+_3345137	3345137	3345991	+	2	855	ATG	TGA	25	115	pORF+_3345137

mORF_+_3345192	3345192	3345239	+	3	48	GTG	TAG	0	0	
mORF_+_3345300	3345300	3345350	+	3	51	TTG	TGA	0	0	
mORF_+_3345393	3345393	3345413	+	3	21	ATG	TAA	0	0	
mORF_+_3345426	3345426	3345533	+	3	108	GTG	TGA	0	0	
mORF_+_3345534	3345534	3345617	+	3	84	TTG	TGA	0	0	
mORF_+_3345627	3345627	3345731	+	3	105	TTG	TGA	0	0	
mORF_+_3345738	3345738	3345860	+	3	123	TTG	TGA	0	0	
mORF_+_3345820	3345820	3345852	+	1	33	ATG	TAG	0	0	
mORF_+_3345870	3345870	3346010	+	3	141	TTG	TGA	0	0	
mORF_+_3345874	3345874	3345945	+	1	72	TTG	TAA	0	0	
mORF_+_3345988	3345988	3346260	+	1	273	ATG	TAA	2	4	pORF_+_3345988
mORF_+_3346007	3346007	3346051	+	2	45	TTG	TGA	0	0	
mORF_+_3346058	3346058	3346066	+	2	9	TTG	TAA	0	0	
mORF_+_3346076	3346076	3346147	+	2	72	TTG	TGA	0	0	
mORF_+_3346175	3346175	3346309	+	2	135	TTG	TAA	0	0	
mORF_+_3346272	3346272	3346325	+	3	54	TTG	TGA	0	0	
mORF_+_3346348	3346348	3346413	+	1	66	TTG	TAG	0	0	
mORF_+_3346359	3346359	3346388	+	3	30	GTG	TAA	0	0	
mORF_+_3346406	3346406	3346429	+	2	24	TTG	TAA	0	0	
mORF_+_3346417	3346417	3347106	+	1	690	TTG	TAA	1	3	pORF_+_3346417
mORF_+_3346469	3346469	3346477	+	2	9	ATG	TGA	0	0	
mORF_+_3346524	3346524	3346595	+	3	72	ATG	TAA	0	0	
mORF_+_3346529	3346529	3346615	+	2	87	ATG	TAA	0	0	
mORF_+_3346631	3346631	3346645	+	2	15	TTG	TAA	0	0	
mORF_+_3346655	3346655	3346720	+	2	66	GTG	TGA	0	0	
mORF_+_3346692	3346692	3346733	+	3	42	TTG	TGA	0	0	
mORF_+_3346721	3346721	3346756	+	2	36	TTG	TGA	0	0	
mORF_+_3346763	3346763	3346816	+	2	54	TTG	TGA	0	0	
mORF_+_3346773	3346773	3346844	+	3	72	ATG	TAA	0	0	
mORF_+_3346898	3346898	3346951	+	2	54	GTG	TGA	0	0	
mORF_+_3346974	3346974	3346991	+	3	18	GTG	TAA	0	0	
mORF_+_3347004	3347004	3347069	+	3	66	ATG	TGA	0	0	
mORF_+_3347039	3347039	3347128	+	2	90	TTG	TAA	0	0	
mORF_+_3347115	3347115	3347144	+	3	30	GTG	TAA	0	0	
mORF_+_3347195	3347195	3347212	+	2	18	ATG	TGA	0	0	
mORF_+_3347209	3347209	3347292	+	1	84	TTG	TAA	0	0	
mORF_+_3347219	3347219	3347227	+	2	9	GTG	TAG	0	0	
mORF_+_3347246	3347246	3347266	+	2	21	ATG	TAA	0	0	
mORF_+_3347283	3347283	3347402	+	3	120	GTG	TAA	0	0	
mORF_+_3347297	3347297	3347632	+	2	336	GTG	TGA	0	0	
mORF_+_3347371	3347371	3347472	+	1	102	TTG	TGA	0	0	
mORF_+_3347469	3347469	3347483	+	3	15	TTG	TGA	0	0	
mORF_+_3347506	3347506	3347577	+	1	72	TTG	TGA	0	0	
mORF_+_3347517	3347517	3347708	+	3	192	GTG	TGA	0	0	
mORF_+_3347645	3347645	3347683	+	2	39	GTG	TGA	0	0	
mORF_+_3347662	3347662	3347922	+	1	261	TTG	TGA	0	0	
mORF_+_3347868	3347868	3348107	+	3	240	ATG	TGA	0	0	
mORF_+_3347972	3347972	3348133	+	2	162	ATG	TAA	0	0	
mORF_+_3348118	3348118	3348336	+	1	219	GTG	TGA	0	0	
mORF_+_3348147	3348147	3348425	+	3	279	GTG	TGA	0	0	
mORF_+_3348329	3348329	3348394	+	2	66	ATG	TGA	0	0	
mORF_+_3348361	3348361	3348399	+	1	39	GTG	TAG	0	0	
mORF_+_3348422	3348422	3348508	+	2	87	ATG	TGA	0	0	
mORF_+_3348481	3348481	3348486	+	1	6	TTG	TGA	0	0	
mORF_+_3348483	3348483	3348518	+	3	36	GTG	TAA	0	0	
mORF_+_3348533	3348533	3348721	+	2	189	ATG	TAG	0	0	
mORF_+_3348562	3348562	3348567	+	1	6	ATG	TAA	0	0	
mORF_+_3348583	3348583	3348594	+	1	12	TTG	TAA	0	0	
mORF_+_3348616	3348616	3348642	+	1	27	GTG	TAA	0	0	
mORF_+_3348621	3348621	3348632	+	3	12	GTG	TAA	0	0	
mORF_+_3348672	3348672	3348704	+	3	33	GTG	TAG	0	0	
mORF_+_3348721	3348721	3348762	+	1	42	GTG	TGA	0	0	
mORF_+_3348728	3348728	3348892	+	2	165	TTG	TAA	0	0	

mORF+_3348759	3348759	3348866	+	3	108	GTG	TAA	0	0
mORF+_3348897	3348897	3348992	+	3	96	ATG	TAA	0	0
mORF+_3348913	3348913	3348963	+	1	51	ATG	TAG	0	0
mORF+_3349000	3349000	3349266	+	1	267	GTG	TAA	0	0
mORF+_3349058	3349058	3349132	+	2	75	ATG	TGA	0	0
mORF+_3349203	3349203	3349232	+	3	30	TTG	TAA	0	0
mORF+_3349372	3349372	3349668	+	1	297	TTG	TGA	0	0
mORF+_3349532	3349532	3349552	+	2	21	GTG	TAA	0	0
mORF+_3349536	3349536	3349559	+	3	24	GTG	TGA	0	0
mORF+_3349556	3349556	3349582	+	2	27	TTG	TAA	0	0
mORF+_3349665	3349665	3349853	+	3	189	ATG	TAA	0	0
mORF+_3349690	3349690	3349776	+	1	87	ATG	TAG	0	0
mORF+_3349807	3349807	3349878	+	1	72	GTG	TGA	0	0
mORF+_3349878	3349878	3349886	+	3	9	ATG	TAA	0	0
mORF+_3349886	3349886	3349909	+	2	24	ATG	TAA	0	0
mORF+_3349923	3349923	3350375	+	3	453	TTG	TGA	0	0
mORF+_3349937	3349937	3349975	+	2	39	ATG	TGA	0	0
mORF+_3349972	3349972	3349989	+	1	18	GTG	TGA	0	0
mORF+_3350005	3350005	3350175	+	1	171	TTG	TGA	0	0
mORF+_3350159	3350159	3350179	+	2	21	GTG	TGA	0	0
mORF+_3350179	3350179	3350232	+	1	54	ATG	TGA	0	0
mORF+_3350251	3350251	3350280	+	1	30	ATG	TGA	0	0
mORF+_3350332	3350332	3350349	+	1	18	TTG	TAA	0	0
mORF+_3350372	3350372	3350413	+	2	42	GTG	TGA	0	0
mORF+_3350382	3350382	3350435	+	3	54	ATG	TGA	0	0
mORF+_3350410	3350410	3350439	+	1	30	ATG	TAA	0	0
mORF+_3350417	3350417	3350629	+	2	213	TTG	TGA	0	0
mORF+_3350457	3350457	3350558	+	3	102	GTG	TGA	0	0
mORF+_3350589	3350589	3350705	+	3	117	TTG	TAG	0	0
mORF+_3350626	3350626	3350700	+	1	75	TTG	TGA	0	0
mORF+_3350734	3350734	3350838	+	1	105	TTG	TAG	0	0
mORF+_3350772	3350772	3350786	+	3	15	TTG	TGA	0	0
mORF+_3350783	3350783	3350854	+	2	72	GTG	TAA	0	0
mORF+_3350793	3350793	3350801	+	3	9	TTG	TGA	0	0
mORF+_3350811	3350811	3350831	+	3	21	TTG	TAG	0	0
mORF+_3350890	3350890	3350904	+	1	15	ATG	TGA	0	0
mORF+_3350907	3350907	3350978	+	3	72	ATG	TGA	0	0
mORF+_3350917	3350917	3351018	+	1	102	ATG	TAA	0	0
mORF+_3350975	3350975	3351094	+	2	120	TTG	TGA	0	0
mORF+_3351039	3351039	3351050	+	3	12	TTG	TAG	0	0
mORF+_3351110	3351110	3351160	+	2	51	TTG	TAG	0	0
mORF+_3351112	3351112	3351117	+	1	6	GTG	TGA	0	0
mORF+_3351114	3351114	3351209	+	3	96	GTG	TAG	0	0
mORF+_3351121	3351121	3351345	+	1	225	ATG	TGA	0	0
mORF+_3351194	3351194	3351523	+	2	330	ATG	TAA	0	0
mORF+_3351291	3351291	3351302	+	3	12	ATG	TAG	0	0
mORF+_3351342	3351342	3351353	+	3	12	GTG	TAA	0	0
mORF+_3351405	3351405	3351551	+	3	147	ATG	TGA	0	0
mORF+_3351524	3351524	3351637	+	2	114	GTG	TAG	0	0
mORF+_3351553	3351553	3351603	+	1	51	GTG	TGA	0	0
mORF+_3351600	3351600	3351662	+	3	63	TTG	TAA	0	0
mORF+_3351613	3351613	3351777	+	1	165	GTG	TAG	0	0
mORF+_3351747	3351747	3351770	+	3	24	TTG	TGA	0	0
mORF+_3351804	3351804	3351821	+	3	18	GTG	TGA	0	0
mORF+_3351866	3351866	3352057	+	2	192	GTG	TAA	0	0
mORF+_3351885	3351885	3352022	+	3	138	ATG	TAA	0	0
mORF+_3351934	3351934	3351972	+	1	39	ATG	TAG	0	0
mORF+_3352029	3352029	3352079	+	3	51	GTG	TGA	0	0
mORF+_3352091	3352091	3352282	+	2	192	TTG	TAG	0	0
mORF+_3352134	3352134	3352178	+	3	45	ATG	TAA	0	0
mORF+_3352225	3352225	3352269	+	1	45	TTG	TAG	0	0
mORF+_3352236	3352236	3352259	+	3	24	GTG	TGA	0	0
mORF+_3352284	3352284	3352370	+	3	87	ATG	TGA	0	0

mORF_+_3352367	3352367	3352384	+	2	18	ATG	TGA	0	0	
mORF_+_3352381	3352381	3352449	+	1	69	TTG	TAA	0	0	
mORF_+_3352459	3352459	3352467	+	1	9	TTG	TAA	0	0	
mORF_+_3352491	3352491	3352523	+	3	33	TTG	TAA	0	0	
mORF_+_3352498	3352498	3352554	+	1	57	TTG	TGA	0	0	
mORF_+_3352551	3352551	3352583	+	3	33	ATG	TAA	0	0	
mORF_+_3352584	3352584	3352760	+	3	177	TTG	TAA	0	0	
mORF_+_3352613	3352613	3352657	+	2	45	ATG	TGA	0	0	
mORF_+_3352639	3352639	3357207	+	1	4569	ATG	TAA	268	2953	pORF_+_3352639
mORF_+_3352766	3352766	3352795	+	2	30	TTG	TGA	0	0	
mORF_+_3352871	3352871	3352978	+	2	108	GTG	TAG	0	0	
mORF_+_3352908	3352908	3353015	+	3	108	TTG	TAA	0	0	
mORF_+_3353051	3353051	3353173	+	2	123	TTG	TGA	0	0	
mORF_+_3353237	3353237	3353296	+	2	60	TTG	TGA	0	0	
mORF_+_3353313	3353313	3353408	+	3	96	GTG	TAA	0	0	
mORF_+_3353351	3353351	3353659	+	2	309	TTG	TAG	0	0	
mORF_+_3353493	3353493	3353516	+	3	24	ATG	TAA	0	0	
mORF_+_3353705	3353705	3353767	+	2	63	GTG	TGA	0	0	
mORF_+_3353742	3353742	3353795	+	3	54	GTG	TAA	0	0	
mORF_+_3353783	3353783	3353935	+	2	153	TTG	TGA	0	0	
mORF_+_3353954	3353954	3353995	+	2	42	GTG	TGA	0	0	
mORF_+_3354018	3354018	3354056	+	3	39	GTG	TGA	0	0	
mORF_+_3354053	3354053	3354160	+	2	108	TTG	TAA	0	0	
mORF_+_3354209	3354209	3354286	+	2	78	ATG	TGA	0	0	
mORF_+_3354311	3354311	3354358	+	2	48	GTG	TGA	0	0	
mORF_+_3354366	3354366	3354404	+	3	39	TTG	TAA	0	0	
mORF_+_3354491	3354491	3354805	+	2	315	TTG	TAG	0	0	
mORF_+_3354534	3354534	3354563	+	3	30	GTG	TAG	0	0	
mORF_+_3354678	3354678	3354785	+	3	108	TTG	TGA	0	0	
mORF_+_3354812	3354812	3354841	+	2	30	ATG	TGA	0	0	
mORF_+_3354938	3354938	3354967	+	2	30	TTG	TAG	0	0	
mORF_+_3354975	3354975	3355019	+	3	45	GTG	TGA	0	0	
mORF_+_3355001	3355001	3355042	+	2	42	TTG	TGA	0	0	
mORF_+_3355055	3355055	3355099	+	2	45	GTG	TGA	0	0	
mORF_+_3355214	3355214	3355351	+	2	138	ATG	TAA	1	9	pORF_+_3355214
mORF_+_3355415	3355415	3355636	+	2	222	GTG	TGA	0	0	
mORF_+_3355796	3355796	3355807	+	2	12	ATG	TGA	0	0	
mORF_+_3355823	3355823	3355861	+	2	39	ATG	TGA	0	0	
mORF_+_3355878	3355878	3355898	+	3	21	GTG	TGA	0	0	
mORF_+_3355892	3355892	3355966	+	2	75	TTG	TGA	0	0	
mORF_+_3355973	3355973	3356077	+	2	105	GTG	TGA	0	0	
mORF_+_3356067	3356067	3356111	+	3	45	TTG	TGA	0	0	
mORF_+_3356093	3356093	3356098	+	2	6	GTG	TAG	0	0	
mORF_+_3356108	3356108	3356155	+	2	48	ATG	TGA	0	0	
mORF_+_3356165	3356165	3356197	+	2	33	TTG	TGA	0	0	
mORF_+_3356207	3356207	3356215	+	2	9	TTG	TAA	0	0	
mORF_+_3356234	3356234	3356254	+	2	21	TTG	TGA	0	0	
mORF_+_3356369	3356369	3356386	+	2	18	TTG	TGA	0	0	
mORF_+_3356417	3356417	3356617	+	2	201	TTG	TGA	0	0	
mORF_+_3356586	3356586	3356624	+	3	39	GTG	TGA	0	0	
mORF_+_3356621	3356621	3356665	+	2	45	GTG	TAA	0	0	
mORF_+_3356684	3356684	3356824	+	2	141	TTG	TAG	0	0	
mORF_+_3356831	3356831	3356857	+	2	27	TTG	TGA	0	0	
mORF_+_3356844	3356844	3356849	+	3	6	TTG	TGA	0	0	
mORF_+_3356861	3356861	3356914	+	2	54	GTG	TGA	0	0	
mORF_+_3356939	3356939	3356992	+	2	54	ATG	TAA	0	0	
mORF_+_3356996	3356996	3357148	+	2	153	TTG	TAA	0	0	
mORF_+_3357220	3357220	3358638	+	1	1419	ATG	TAA	133	2749	pORF_+_3357220
mORF_+_3357230	3357230	3357283	+	2	54	ATG	TGA	0	0	
mORF_+_3357296	3357296	3357427	+	2	132	TTG	TGA	0	0	
mORF_+_3357366	3357366	3357455	+	3	90	GTG	TGA	0	0	
mORF_+_3357452	3357452	3357550	+	2	99	TTG	TGA	0	0	
mORF_+_3357498	3357498	3357557	+	3	60	TTG	TGA	0	0	

mORF_+_3357554	3357554	3357571	+	2	18	ATG	TGA	0	0	
mORF_+_3357584	3357584	3357646	+	2	63	TTG	TGA	0	0	
mORF_+_3357699	3357699	3357722	+	3	24	GTG	TAA	0	0	
mORF_+_3357701	3357701	3357715	+	2	15	GTG	TGA	0	0	
mORF_+_3357737	3357737	3357775	+	2	39	TTG	TGA	0	0	
mORF_+_3357827	3357827	3357907	+	2	81	GTG	TGA	0	0	
mORF_+_3357908	3357908	3358033	+	2	126	GTG	TAA	0	0	
mORF_+_3358040	3358040	3358216	+	2	177	TTG	TGA	0	0	
mORF_+_3358271	3358271	3358279	+	2	9	TTG	TGA	0	0	
mORF_+_3358367	3358367	3358405	+	2	39	TTG	TGA	0	0	
mORF_+_3358415	3358415	3358579	+	2	165	TTG	TGA	0	0	
mORF_+_3358440	3358440	3358601	+	3	162	ATG	TAA	0	0	
mORF_+_3358586	3358586	3358621	+	2	36	TTG	TGA	0	0	
mORF_+_3358650	3358650	3358733	+	3	84	ATG	TGA	0	0	
mORF_+_3358666	3358666	3358689	+	1	24	GTG	TGA	0	0	
mORF_+_3358694	3358694	3358789	+	2	96	GTG	TGA	0	0	
mORF_+_3358768	3358768	3358845	+	1	78	GTG	TAA	0	0	
mORF_+_3358773	3358773	3358796	+	3	24	TTG	TGA	0	0	
mORF_+_3358793	3358793	3359077	+	2	285	GTG	TAA	0	0	
mORF_+_3358839	3358839	3358898	+	3	60	TTG	TAA	0	0	
mORF_+_3358900	3358900	3358914	+	1	15	TTG	TAA	0	0	
mORF_+_3358995	3358995	3359000	+	3	6	ATG	TAA	0	0	
mORF_+_3359093	3359093	3359173	+	2	81	TTG	TAA	0	0	
mORF_+_3359176	3359176	3359286	+	1	111	TTG	TGA	0	0	
mORF_+_3359190	3359190	3359297	+	3	108	ATG	TAA	0	0	
mORF_+_3359198	3359198	3359962	+	2	765	ATG	TAA	0	0	
mORF_+_3359322	3359322	3359390	+	3	69	GTG	TGA	0	0	
mORF_+_3359326	3359326	3359361	+	1	36	ATG	TGA	0	0	
mORF_+_3359475	3359475	3359483	+	3	9	TTG	TAA	0	0	
mORF_+_3359511	3359511	3359516	+	3	6	TTG	TAG	0	0	
mORF_+_3359538	3359538	3359564	+	3	27	TTG	TAG	0	0	
mORF_+_3359589	3359589	3359597	+	3	9	TTG	TAG	0	0	
mORF_+_3359610	3359610	3359705	+	3	96	ATG	TGA	0	0	
mORF_+_3359740	3359740	3359757	+	1	18	ATG	TAA	0	0	
mORF_+_3359757	3359757	3359777	+	3	21	ATG	TGA	0	0	
mORF_+_3359782	3359782	3359874	+	1	93	TTG	TGA	0	0	
mORF_+_3359811	3359811	3359831	+	3	21	TTG	TGA	0	0	
mORF_+_3359838	3359838	3359870	+	3	33	TTG	TGA	0	0	
mORF_+_3359871	3359871	3359885	+	3	15	TTG	TAA	0	0	
mORF_+_3359886	3359886	3359972	+	3	87	ATG	TAA	0	0	
mORF_+_3360024	3360024	3360128	+	3	105	ATG	TAA	0	0	
mORF_+_3360031	3360031	3360075	+	1	45	ATG	TAA	0	0	
mORF_+_3360068	3360068	3360085	+	2	18	GTG	TAA	0	0	
mORF_+_3360134	3360134	3360808	+	2	675	ATG	TAA	0	0	
mORF_+_3360225	3360225	3360338	+	3	114	TTG	TAA	0	0	
mORF_+_3360360	3360360	3360434	+	3	75	GTG	TGA	0	0	
mORF_+_3360468	3360468	3360521	+	3	54	ATG	TGA	0	0	
mORF_+_3360571	3360571	3360579	+	1	9	ATG	TAA	0	0	
mORF_+_3360582	3360582	3360632	+	3	51	ATG	TGA	0	0	
mORF_+_3360768	3360768	3360803	+	3	36	ATG	TAA	0	0	
mORF_+_3360811	3360811	3363210	+	1	2400	TTG	TGA	1	2	pORF_+_3360811
mORF_+_3360860	3360860	3360901	+	2	42	TTG	TAG	0	0	
mORF_+_3360905	3360905	3360937	+	2	33	TTG	TAA	0	0	
mORF_+_3360947	3360947	3360952	+	2	6	GTG	TAG	0	0	
mORF_+_3361001	3361001	3361015	+	2	15	GTG	TGA	0	0	
mORF_+_3361028	3361028	3361117	+	2	90	ATG	TAA	0	0	
mORF_+_3361080	3361080	3361088	+	3	9	TTG	TGA	0	0	
mORF_+_3361139	3361139	3361210	+	2	72	ATG	TAG	0	0	
mORF_+_3361274	3361274	3361294	+	2	21	GTG	TAA	0	0	
mORF_+_3361316	3361316	3361615	+	2	300	GTG	TAG	0	0	
mORF_+_3361634	3361634	3361663	+	2	30	GTG	TAA	0	0	
mORF_+_3361706	3361706	3361813	+	2	108	ATG	TAG	0	0	
mORF_+_3361856	3361856	3361882	+	2	27	ATG	TAA	0	0	

mORF_+_3361875	3361875	3361886	+	3	12	TTG	TAG	0	0	
mORF_+_3361886	3361886	3361909	+	2	24	GTG	TGA	0	0	
mORF_+_3361899	3361899	3362021	+	3	123	ATG	TAG	0	0	
mORF_+_3361919	3361919	3361927	+	2	9	GTG	TGA	0	0	
mORF_+_3362069	3362069	3362107	+	2	39	TTG	TAA	0	0	
mORF_+_3362159	3362159	3362209	+	2	51	TTG	TAA	0	0	
mORF_+_3362231	3362231	3362527	+	2	297	GTG	TGA	0	0	
mORF_+_3362528	3362528	3362566	+	2	39	ATG	TGA	0	0	
mORF_+_3362609	3362609	3362692	+	2	84	TTG	TGA	0	0	
mORF_+_3362703	3362703	3362717	+	3	15	GTG	TGA	0	0	
mORF_+_3362714	3362714	3362908	+	2	195	ATG	TGA	0	0	
mORF_+_3362787	3362787	3362807	+	3	21	ATG	TAA	0	0	
mORF_+_3362832	3362832	3362852	+	3	21	GTG	TGA	0	0	
mORF_+_3362921	3362921	3362932	+	2	12	GTG	TAG	0	0	
mORF_+_3362948	3362948	3362956	+	2	9	GTG	TAA	0	0	
mORF_+_3362966	3362966	3363049	+	2	84	GTG	TGA	0	0	
mORF_+_3363062	3363062	3363109	+	2	48	ATG	TAG	0	0	
mORF_+_3363119	3363119	3363271	+	2	153	ATG	TAA	0	0	
mORF_+_3363132	3363132	3363185	+	3	54	ATG	TGA	0	0	
mORF_+_3363201	3363201	3363686	+	3	486	GTG	TAG	0	0	
mORF_+_3363301	3363301	3363357	+	1	57	ATG	TAG	0	0	
mORF_+_3363386	3363386	3363430	+	2	45	ATG	TAA	0	0	
mORF_+_3363409	3363409	3363420	+	1	12	GTG	TGA	0	0	
mORF_+_3363448	3363448	3363474	+	1	27	TTG	TAA	0	0	
mORF_+_3363490	3363490	3363528	+	1	39	ATG	TAG	0	0	
mORF_+_3363532	3363532	3363615	+	1	84	GTG	TGA	0	0	
mORF_+_3363640	3363640	3363663	+	1	24	TTG	TAA	0	0	
mORF_+_3363664	3363664	3363672	+	1	9	ATG	TGA	0	0	
mORF_+_3363727	3363727	3363789	+	1	63	GTG	TAA	0	0	
mORF_+_3363773	3363773	3364039	+	2	267	TTG	TAG	0	0	
mORF_+_3363799	3363799	3364053	+	1	255	TTG	TGA	0	0	
mORF_+_3363870	3363870	3363920	+	3	51	ATG	TGA	0	0	
mORF_+_3363939	3363939	3364097	+	3	159	GTG	TGA	0	0	
mORF_+_3364060	3364060	3364428	+	1	369	TTG	TAA	0	0	
mORF_+_3364094	3364094	3364192	+	2	99	TTG	TGA	0	0	
mORF_+_3364193	3364193	3364210	+	2	18	TTG	TGA	0	0	
mORF_+_3364238	3364238	3364294	+	2	57	TTG	TGA	0	0	
mORF_+_3364257	3364257	3364268	+	3	12	GTG	TGA	0	0	
mORF_+_3364301	3364301	3364360	+	2	60	ATG	TGA	0	0	
mORF_+_3364388	3364388	3364516	+	2	129	ATG	TGA	0	0	
mORF_+_3364501	3364501	3364524	+	1	24	ATG	TAG	0	0	
mORF_+_3364517	3364517	3364543	+	2	27	ATG	TAA	0	0	
mORF_+_3364565	3364565	3364573	+	2	9	TTG	TAA	0	0	
mORF_+_3364583	3364583	3364654	+	2	72	ATG	TGA	0	0	
mORF_+_3364600	3364600	3364776	+	1	177	TTG	TAG	0	0	
mORF_+_3364605	3364605	3364670	+	3	66	ATG	TGA	0	0	
mORF_+_3364703	3364703	3364951	+	2	249	ATG	TGA	0	0	
mORF_+_3364758	3364758	3364829	+	3	72	TTG	TAA	0	0	
mORF_+_3364792	3364792	3364833	+	1	42	TTG	TGA	0	0	
mORF_+_3364830	3364830	3364862	+	3	33	TTG	TGA	0	0	
mORF_+_3364884	3364884	3364898	+	3	15	ATG	TAA	0	0	
mORF_+_3364948	3364948	3365664	+	1	717	ATG	TGA	1	3	pORF_+_3364948
mORF_+_3364955	3364955	3364960	+	2	6	ATG	TAA	0	0	
mORF_+_3364970	3364970	3365038	+	2	69	TTG	TGA	0	0	
mORF_+_3365055	3365055	3365090	+	3	36	TTG	TAA	0	0	
mORF_+_3365084	3365084	3365164	+	2	81	TTG	TGA	0	0	
mORF_+_3365172	3365172	3365210	+	3	39	TTG	TGA	0	0	
mORF_+_3365192	3365192	3365230	+	2	39	TTG	TGA	0	0	
mORF_+_3365246	3365246	3365266	+	2	21	GTG	TAA	0	0	
mORF_+_3365279	3365279	3365323	+	2	45	ATG	TAG	0	0	
mORF_+_3365357	3365357	3365368	+	2	12	ATG	TAA	0	0	
mORF_+_3365369	3365369	3365413	+	2	45	TTG	TAG	0	0	
mORF_+_3365429	3365429	3365446	+	2	18	GTG	TAA	0	0	

mORF_+_3365463	3365463	3365534	+	3	72	ATG	TGA	0	0
mORF_+_3365489	3365489	3365524	+	2	36	TTG	TAA	0	0
mORF_+_3365531	3365531	3365554	+	2	24	GTG	TAA	0	0
mORF_+_3365597	3365597	3365605	+	2	9	ATG	TAG	0	0
mORF_+_3365627	3365627	3365644	+	2	18	TTG	TGA	0	0
mORF_+_3365661	3365661	3365717	+	3	57	GTG	TAA	0	0
mORF_+_3365717	3365717	3365776	+	2	60	ATG	TAA	0	0
mORF_+_3365757	3365757	3365762	+	3	6	ATG	TAA	0	0
mORF_+_3365777	3365777	3365827	+	2	51	TTG	TAG	0	0
mORF_+_3365784	3365784	3365837	+	3	54	GTG	TAA	0	0
mORF_+_3365849	3365849	3366976	+	2	1128	ATG	TAA	0	0
mORF_+_3365982	3365982	3366047	+	3	66	TTG	TAA	0	0
mORF_+_3366070	3366070	3366084	+	1	15	ATG	TAA	0	0
mORF_+_3366087	3366087	3366119	+	3	33	GTG	TGA	0	0
mORF_+_3366144	3366144	3366179	+	3	36	ATG	TAA	0	0
mORF_+_3366232	3366232	3366300	+	1	69	TTG	TAA	0	0
mORF_+_3366324	3366324	3366368	+	3	45	ATG	TAG	0	0
mORF_+_3366378	3366378	3366515	+	3	138	TTG	TGA	0	0
mORF_+_3366519	3366519	3366554	+	3	36	ATG	TGA	0	0
mORF_+_3366585	3366585	3366692	+	3	108	TTG	TAA	0	0
mORF_+_3366729	3366729	3366743	+	3	15	ATG	TGA	0	0
mORF_+_3366786	3366786	3366953	+	3	168	ATG	TAG	0	0
mORF_+_3367004	3367004	3367039	+	2	36	GTG	TAA	0	0
mORF_+_3367114	3367114	3367158	+	1	45	ATG	TAA	0	0
mORF_+_3367160	3367160	3367198	+	2	39	ATG	TGA	0	0
mORF_+_3367168	3367168	3367278	+	1	111	TTG	TAA	0	0
mORF_+_3367238	3367238	3367339	+	2	102	GTG	TGA	0	0
mORF_+_3367300	3367300	3367383	+	1	84	TTG	TAA	0	0
mORF_+_3367340	3367340	3367390	+	2	51	GTG	TAA	0	0
mORF_+_3367408	3367408	3367425	+	1	18	TTG	TAA	0	0
mORF_+_3367425	3367425	3367502	+	3	78	ATG	TAA	0	0
mORF_+_3367456	3367456	3367461	+	1	6	ATG	TAA	0	0
mORF_+_3367548	3367548	3367571	+	3	24	ATG	TAA	0	0
mORF_+_3367578	3367578	3368111	+	3	534	ATG	TAA	0	0
mORF_+_3367583	3367583	3367690	+	2	108	ATG	TAA	0	0
mORF_+_3367681	3367681	3367731	+	1	51	GTG	TGA	0	0
mORF_+_3367706	3367706	3367774	+	2	69	TTG	TGA	0	0
mORF_+_3367771	3367771	3368031	+	1	261	GTG	TGA	0	0
mORF_+_3367889	3367889	3367942	+	2	54	GTG	TAA	0	0
mORF_+_3368042	3368042	3368065	+	2	24	ATG	TAA	0	0
mORF_+_3368065	3368065	3368211	+	1	147	ATG	TGA	0	0
mORF_+_3368118	3368118	3368123	+	3	6	GTG	TAG	0	0
mORF_+_3368139	3368139	3368231	+	3	93	ATG	TAA	0	0
mORF_+_3368231	3368231	3368281	+	2	51	ATG	TAG	0	0
mORF_+_3368363	3368363	3368374	+	2	12	GTG	TAG	0	0
mORF_+_3368365	3368365	3368430	+	1	66	GTG	TGA	0	0
mORF_+_3368394	3368394	3368408	+	3	15	GTG	TGA	0	0
mORF_+_3368412	3368412	3368486	+	3	75	ATG	TGA	0	0
mORF_+_3368414	3368414	3368659	+	2	246	GTG	TGA	0	0
mORF_+_3368431	3368431	3368604	+	1	174	TTG	TAG	0	0
mORF_+_3368493	3368493	3368501	+	3	9	GTG	TAA	0	0
mORF_+_3368583	3368583	3368591	+	3	9	GTG	TAG	0	0
mORF_+_3368604	3368604	3368687	+	3	84	GTG	TGA	0	0
mORF_+_3368635	3368635	3368757	+	1	123	ATG	TAA	0	0
mORF_+_3368684	3368684	3368941	+	2	258	GTG	TAA	0	0
mORF_+_3368739	3368739	3368801	+	3	63	GTG	TAG	0	0
mORF_+_3368805	3368805	3369035	+	3	231	GTG	TGA	0	0
mORF_+_3368890	3368890	3369021	+	1	132	TTG	TAG	0	0
mORF_+_3369032	3369032	3369052	+	2	21	TTG	TAA	0	0
mORF_+_3369043	3369043	3369072	+	1	30	GTG	TAG	0	0
mORF_+_3369113	3369113	3369190	+	2	78	TTG	TGA	0	0
mORF_+_3369165	3369165	3369182	+	3	18	ATG	TAG	0	0
mORF_+_3369187	3369187	3369438	+	1	252	ATG	TAA	0	0

mORF_+_3369288	3369288	3369338	+	3	51	ATG	TGA	0	0	
mORF_+_3369335	3369335	3369376	+	2	42	ATG	TAG	0	0	
mORF_+_3369339	3369339	3369380	+	3	42	TTG	TAA	0	0	
mORF_+_3369432	3369432	3369533	+	3	102	TTG	TAA	0	0	
mORF_+_3369454	3369454	3369483	+	1	30	TTG	TAA	0	0	
mORF_+_3369572	3369572	3369676	+	2	105	TTG	TAA	0	0	
mORF_+_3369664	3369664	3369726	+	1	63	ATG	TGA	0	0	
mORF_+_3369699	3369699	3369803	+	3	105	TTG	TAA	0	0	
mORF_+_3369782	3369782	3369946	+	2	165	TTG	TAG	0	0	
mORF_+_3369816	3369816	3369896	+	3	81	TTG	TAG	0	0	
mORF_+_3369859	3369859	3370146	+	1	288	TTG	TGA	0	0	
mORF_+_3369906	3369906	3370046	+	3	141	GTG	TGA	0	0	
mORF_+_3369962	3369962	3370108	+	2	147	GTG	TAG	0	0	
mORF_+_3370047	3370047	3370064	+	3	18	TTG	TAA	0	0	
mORF_+_3370166	3370166	3370204	+	2	39	TTG	TAG	0	0	
mORF_+_3370177	3370177	3370485	+	1	309	ATG	TAA	1	2	pORF_+_3370177
mORF_+_3370182	3370182	3370199	+	3	18	TTG	TGA	0	0	
mORF_+_3370205	3370205	3370276	+	2	72	GTG	TAG	0	0	
mORF_+_3370322	3370322	3370354	+	2	33	ATG	TAG	0	0	
mORF_+_3370335	3370335	3370367	+	3	33	TTG	TAG	0	0	
mORF_+_3370422	3370422	3370469	+	3	48	TTG	TGA	0	0	
mORF_+_3370466	3370466	3370819	+	2	354	GTG	TAA	0	0	
mORF_+_3370533	3370533	3370556	+	3	24	ATG	TGA	0	0	
mORF_+_3370543	3370543	3370683	+	1	141	TTG	TAG	0	0	
mORF_+_3370584	3370584	3370589	+	3	6	TTG	TAG	0	0	
mORF_+_3370596	3370596	3370601	+	3	6	TTG	TGA	0	0	
mORF_+_3370632	3370632	3370640	+	3	9	TTG	TGA	0	0	
mORF_+_3370644	3370644	3370649	+	3	6	TTG	TAG	0	0	
mORF_+_3370717	3370717	3370866	+	1	150	TTG	TAA	0	0	
mORF_+_3370856	3370856	3370948	+	2	93	TTG	TGA	0	0	
mORF_+_3370891	3370891	3371475	+	1	585	TTG	TAA	0	0	
mORF_+_3370961	3370961	3370972	+	2	12	ATG	TAG	0	0	
mORF_+_3371127	3371127	3371132	+	3	6	ATG	TAA	0	0	
mORF_+_3371136	3371136	3371144	+	3	9	GTG	TGA	0	0	
mORF_+_3371138	3371138	3371149	+	2	12	GTG	TGA	0	0	
mORF_+_3371183	3371183	3371236	+	2	54	ATG	TAG	0	0	
mORF_+_3371226	3371226	3371261	+	3	36	TTG	TGA	0	0	
mORF_+_3371279	3371279	3371308	+	2	30	GTG	TAA	0	0	
mORF_+_3371319	3371319	3371351	+	3	33	ATG	TGA	0	0	
mORF_+_3371345	3371345	3371494	+	2	150	GTG	TGA	0	0	
mORF_+_3371498	3371498	3371506	+	2	9	TTG	TGA	0	0	
mORF_+_3371535	3371535	3371600	+	3	66	GTG	TAA	0	0	
mORF_+_3371539	3371539	3371586	+	1	48	TTG	TAA	0	0	
mORF_+_3371612	3371612	3371626	+	2	15	GTG	TGA	0	0	
mORF_+_3371619	3371619	3371744	+	3	126	TTG	TGA	0	0	
mORF_+_3371714	3371714	3372001	+	2	288	GTG	TGA	0	0	
mORF_+_3371775	3371775	3371819	+	3	45	TTG	TGA	0	0	
mORF_+_3371865	3371865	3371888	+	3	24	TTG	TGA	0	0	
mORF_+_3371881	3371881	3371895	+	1	15	GTG	TAA	0	0	
mORF_+_3371899	3371899	3371916	+	1	18	TTG	TAA	0	0	
mORF_+_3371946	3371946	3372035	+	3	90	ATG	TGA	0	0	
mORF_+_3371953	3371953	3372009	+	1	57	TTG	TGA	0	0	
mORF_+_3372010	3372010	3372042	+	1	33	ATG	TGA	0	0	
mORF_+_3372039	3372039	3372101	+	3	63	TTG	TAG	0	0	
mORF_+_3372049	3372049	3372204	+	1	156	GTG	TGA	0	0	
mORF_+_3372071	3372071	3372133	+	2	63	TTG	TAA	0	0	
mORF_+_3372134	3372134	3372277	+	2	144	TTG	TAA	0	0	
mORF_+_3372183	3372183	3372518	+	3	336	ATG	TAA	0	0	
mORF_+_3372350	3372350	3372469	+	2	120	TTG	TGA	0	0	
mORF_+_3372460	3372460	3372504	+	1	45	TTG	TAA	0	0	
mORF_+_3372482	3372482	3372529	+	2	48	TTG	TGA	0	0	
mORF_+_3372526	3372526	3372564	+	1	39	GTG	TGA	0	0	
mORF_+_3372542	3372542	3372619	+	2	78	GTG	TAA	0	0	

mORF_+_3372561	3372561	3372653	+	3	93	TTG	TAA	0	0	
mORF_+_3372577	3372577	3372615	+	1	39	ATG	TAA	0	0	
mORF_+_3372635	3372635	3372688	+	2	54	TTG	TAA	0	0	
mORF_+_3372706	3372706	3372810	+	1	105	ATG	TAG	0	0	
mORF_+_3372719	3372719	3372784	+	2	66	ATG	TAA	0	0	
mORF_+_3372813	3372813	3372827	+	3	15	TTG	TAA	0	0	
mORF_+_3372833	3372833	3372862	+	2	30	TTG	TGA	0	0	
mORF_+_3372853	3372853	3372876	+	1	24	ATG	TGA	0	0	
mORF_+_3372873	3372873	3374258	+	3	1386	TTG	TAA	1	2	pORF_+_3372873
mORF_+_3373001	3373001	3373078	+	2	78	GTG	TAA	0	0	
mORF_+_3373006	3373006	3373017	+	1	12	GTG	TAG	0	0	
mORF_+_3373024	3373024	3373062	+	1	39	GTG	TGA	0	0	
mORF_+_3373078	3373078	3373170	+	1	93	ATG	TAG	0	0	
mORF_+_3373396	3373396	3373443	+	1	48	TTG	TAG	0	0	
mORF_+_3373400	3373400	3373549	+	2	150	GTG	TGA	0	0	
mORF_+_3373456	3373456	3373638	+	1	183	TTG	TGA	0	0	
mORF_+_3373747	3373747	3373842	+	1	96	TTG	TAA	0	0	
mORF_+_3373858	3373858	3373881	+	1	24	GTG	TAA	0	0	
mORF_+_3373888	3373888	3373950	+	1	63	TTG	TGA	0	0	
mORF_+_3373972	3373972	3373992	+	1	21	TTG	TGA	0	0	
mORF_+_3373979	3373979	3374266	+	2	288	TTG	TAA	0	0	
mORF_+_3374005	3374005	3374076	+	1	72	ATG	TAA	0	0	
mORF_+_3374095	3374095	3374109	+	1	15	TTG	TAG	0	0	
mORF_+_3374158	3374158	3374187	+	1	30	TTG	TGA	0	0	
mORF_+_3374233	3374233	3374367	+	1	135	TTG	TGA	0	0	
mORF_+_3374318	3374318	3374404	+	2	87	ATG	TAA	0	0	
mORF_+_3374364	3374364	3374783	+	3	420	ATG	TAG	0	0	
mORF_+_3374368	3374368	3374382	+	1	15	GTG	TGA	0	0	
mORF_+_3374389	3374389	3374472	+	1	84	TTG	TAG	0	0	
mORF_+_3374432	3374432	3374452	+	2	21	ATG	TGA	0	0	
mORF_+_3374494	3374494	3374520	+	1	27	GTG	TAG	0	0	
mORF_+_3374563	3374563	3374748	+	1	186	ATG	TAG	0	0	
mORF_+_3374750	3374750	3374845	+	2	96	ATG	TAA	0	0	
mORF_+_3374925	3374925	3374966	+	3	42	ATG	TAG	0	0	
mORF_+_3374933	3374933	3375082	+	2	150	TTG	TGA	0	0	
mORF_+_3375058	3375058	3375090	+	1	33	GTG	TGA	0	0	
mORF_+_3375087	3375087	3375170	+	3	84	TTG	TAA	0	0	
mORF_+_3375131	3375131	3375460	+	2	330	ATG	TAG	0	0	
mORF_+_3375181	3375181	3375219	+	1	39	GTG	TAA	0	0	
mORF_+_3375219	3375219	3375275	+	3	57	ATG	TGA	0	0	
mORF_+_3375282	3375282	3375302	+	3	21	TTG	TGA	0	0	
mORF_+_3375309	3375309	3375374	+	3	66	TTG	TGA	0	0	
mORF_+_3375384	3375384	3375593	+	3	210	ATG	TGA	0	0	
mORF_+_3375490	3375490	3375663	+	1	174	GTG	TAG	0	0	
mORF_+_3375590	3375590	3375625	+	2	36	ATG	TGA	0	0	
mORF_+_3375630	3375630	3375668	+	3	39	ATG	TGA	0	0	
mORF_+_3375653	3375653	3375673	+	2	21	ATG	TAG	0	0	
mORF_+_3375674	3375674	3375682	+	2	9	TTG	TAG	0	0	
mORF_+_3375690	3375690	3375761	+	3	72	TTG	TGA	0	0	
mORF_+_3375698	3375698	3375919	+	2	222	GTG	TAA	0	0	
mORF_+_3375811	3375811	3375840	+	1	30	TTG	TAA	0	0	
mORF_+_3375844	3375844	3375903	+	1	60	TTG	TGA	0	0	
mORF_+_3375979	3375979	3375990	+	1	12	GTG	TGA	0	0	
mORF_+_3375987	3375987	3376238	+	3	252	GTG	TAA	0	0	
mORF_+_3376033	3376033	3376083	+	1	51	GTG	TGA	0	0	
mORF_+_3376093	3376093	3376212	+	1	120	ATG	TAG	0	0	
mORF_+_3376229	3376229	3376324	+	2	96	TTG	TAG	0	0	
mORF_+_3376249	3376249	3376302	+	1	54	ATG	TAA	0	0	
mORF_+_3376260	3376260	3376676	+	3	417	TTG	TAA	0	0	
mORF_+_3376343	3376343	3376360	+	2	18	TTG	TAA	0	0	
mORF_+_3376351	3376351	3376449	+	1	99	ATG	TGA	0	0	
mORF_+_3376459	3376459	3376518	+	1	60	TTG	TAA	0	0	
mORF_+_3376540	3376540	3376695	+	1	156	GTG	TAG	0	0	

mORF_+_3376703	3376703	3376822	+	2	120	TTG	TAA	0	0	
mORF_+_3376728	3376728	3376895	+	3	168	TTG	TAA	0	0	
mORF_+_3376780	3376780	3376878	+	1	99	ATG	TGA	0	0	
mORF_+_3376880	3376880	3376885	+	2	6	TTG	TGA	0	0	
mORF_+_3376882	3376882	3377034	+	1	153	GTG	TGA	0	0	
mORF_+_3376904	3376904	3376951	+	2	48	ATG	TGA	0	0	
mORF_+_3377031	3377031	3377048	+	3	18	TTG	TAA	0	0	
mORF_+_3377036	3377036	3377146	+	2	111	ATG	TGA	0	0	
mORF_+_3377124	3377124	3377135	+	3	12	ATG	TGA	0	0	
mORF_+_3377143	3377143	3377193	+	1	51	GTG	TAG	0	0	
mORF_+_3377162	3377162	3377239	+	2	78	ATG	TAA	0	0	
mORF_+_3377230	3377230	3377253	+	1	24	TTG	TGA	0	0	
mORF_+_3377246	3377246	3377260	+	2	15	ATG	TAA	0	0	
mORF_+_3377250	3377250	3377336	+	3	87	TTG	TGA	0	0	
mORF_+_3377266	3377266	3377367	+	1	102	GTG	TGA	0	0	
mORF_+_3377315	3377315	3377500	+	2	186	TTG	TGA	0	0	
mORF_+_3377364	3377364	3377384	+	3	21	GTG	TAA	0	0	
mORF_+_3377368	3377368	3377427	+	1	60	GTG	TAA	0	0	
mORF_+_3377427	3377427	3377477	+	3	51	ATG	TAA	0	0	
mORF_+_3377437	3377437	3377517	+	1	81	TTG	TAA	0	0	
mORF_+_3377559	3377559	3377705	+	3	147	ATG	TGA	0	0	
mORF_+_3377681	3377681	3377800	+	2	120	ATG	TAA	0	0	
mORF_+_3377816	3377816	3377866	+	2	51	ATG	TAG	0	0	
mORF_+_3377821	3377821	3377901	+	1	81	TTG	TGA	0	0	
mORF_+_3377823	3377823	3377912	+	3	90	GTG	TGA	0	0	
mORF_+_3377945	3377945	3378040	+	2	96	TTG	TGA	0	0	
mORF_+_3377998	3377998	3378009	+	1	12	ATG	TAA	0	0	
mORF_+_3378018	3378018	3378044	+	3	27	ATG	TAA	0	0	
mORF_+_3378037	3378037	3378069	+	1	33	TTG	TGA	0	0	
mORF_+_3378048	3378048	3378131	+	3	84	GTG	TAA	0	0	
mORF_+_3378056	3378056	3378148	+	2	93	TTG	TAA	0	0	
mORF_+_3378100	3378100	3378171	+	1	72	ATG	TGA	0	0	
mORF_+_3378161	3378161	3378286	+	2	126	ATG	TAA	0	0	
mORF_+_3378207	3378207	3378611	+	3	405	ATG	TAA	20	311	pORF_+_3378207
mORF_+_3378226	3378226	3378234	+	1	9	ATG	TAA	0	0	
mORF_+_3378235	3378235	3378243	+	1	9	TTG	TAG	0	0	
mORF_+_3378259	3378259	3378672	+	1	414	TTG	TAA	0	0	
mORF_+_3378633	3378633	3378710	+	3	78	TTG	TAA	0	0	
mORF_+_3378677	3378677	3378691	+	2	15	GTG	TAG	0	0	
mORF_+_3378685	3378685	3378699	+	1	15	TTG	TGA	0	0	
mORF_+_3378723	3378723	3380132	+	3	1410	TTG	TAA	45	296	pORF_+_3378723
mORF_+_3378790	3378790	3378798	+	1	9	GTG	TAG	0	0	
mORF_+_3378805	3378805	3378816	+	1	12	GTG	TAA	0	0	
mORF_+_3378862	3378862	3378927	+	1	66	TTG	TGA	0	0	
mORF_+_3378991	3378991	3379038	+	1	48	TTG	TAG	0	0	
mORF_+_3379045	3379045	3379080	+	1	36	GTG	TGA	0	0	
mORF_+_3379090	3379090	3379095	+	1	6	ATG	TGA	0	0	
mORF_+_3379129	3379129	3379158	+	1	30	ATG	TGA	0	0	
mORF_+_3379159	3379159	3379218	+	1	60	TTG	TAA	0	0	
mORF_+_3379231	3379231	3379272	+	1	42	TTG	TAG	0	0	
mORF_+_3379288	3379288	3379332	+	1	45	TTG	TAG	0	0	
mORF_+_3379351	3379351	3379422	+	1	72	TTG	TAA	0	0	
mORF_+_3379432	3379432	3379440	+	1	9	GTG	TAA	0	0	
mORF_+_3379441	3379441	3379572	+	1	132	TTG	TAG	0	0	
mORF_+_3379594	3379594	3379731	+	1	138	GTG	TGA	0	0	
mORF_+_3379738	3379738	3379788	+	1	51	TTG	TGA	0	0	
mORF_+_3379792	3379792	3379827	+	1	36	TTG	TAG	0	0	
mORF_+_3379894	3379894	3379905	+	1	12	GTG	TGA	0	0	
mORF_+_3379909	3379909	3379920	+	1	12	ATG	TAA	0	0	
mORF_+_3379924	3379924	3380004	+	1	81	ATG	TGA	0	0	
mORF_+_3380008	3380008	3380031	+	1	24	TTG	TGA	0	0	
mORF_+_3380038	3380038	3380124	+	1	87	TTG	TGA	0	0	
mORF_+_3380132	3380132	3380140	+	2	9	ATG	TAA	0	0	

mORF+_3380159	3380159	3380164	+	2	6	GTG	TGA	0	0	
mORF+_3380161	3380161	3380175	+	1	15	GTG	TAA	0	0	
mORF+_3380179	3380179	3380208	+	1	30	GTG	TAA	0	0	
mORF+_3380184	3380184	3380231	+	3	48	ATG	TGA	0	0	
mORF+_3380222	3380222	3381289	+	2	1068	ATG	TAA	8	28	pORF+_3380222
mORF+_3380247	3380247	3380261	+	3	15	TTG	TAA	0	0	
mORF+_3380262	3380262	3380420	+	3	159	TTG	TGA	0	0	
mORF+_3380442	3380442	3380471	+	3	30	TTG	TAA	0	0	
mORF+_3380550	3380550	3380594	+	3	45	ATG	TAA	0	0	
mORF+_3380619	3380619	3380684	+	3	66	ATG	TAG	0	0	
mORF+_3380742	3380742	3380765	+	3	24	GTG	TGA	0	0	
mORF+_3380799	3380799	3380840	+	3	42	ATG	TGA	0	0	
mORF+_3380880	3380880	3380942	+	3	63	TTG	TAG	0	0	
mORF+_3380973	3380973	3380984	+	3	12	ATG	TGA	0	0	
mORF+_3380997	3380997	3381050	+	3	54	TTG	TAG	0	0	
mORF+_3381075	3381075	3381131	+	3	57	ATG	TGA	0	0	
mORF+_3381231	3381231	3381248	+	3	18	GTG	TAA	0	0	
mORF+_3381293	3381293	3381496	+	2	204	GTG	TGA	0	0	
mORF+_3381321	3381321	3381347	+	3	27	GTG	TAA	0	0	
mORF+_3381432	3381432	3381452	+	3	21	ATG	TAG	0	0	
mORF+_3381493	3381493	3381732	+	1	240	TTG	TGA	0	0	
mORF+_3381567	3381567	3381614	+	3	48	GTG	TAG	0	0	
mORF+_3381621	3381621	3381710	+	3	90	TTG	TAA	0	0	
mORF+_3381674	3381674	3381763	+	2	90	ATG	TGA	0	0	
mORF+_3381729	3381729	3381752	+	3	24	GTG	TAA	0	0	
mORF+_3381760	3381760	3382209	+	1	450	GTG	TGA	0	0	
mORF+_3381800	3381800	3381880	+	2	81	TTG	TAA	0	0	
mORF+_3381912	3381912	3381929	+	3	18	TTG	TAA	0	0	
mORF+_3381920	3381920	3382312	+	2	393	GTG	TGA	0	0	
mORF+_3382222	3382222	3382233	+	1	12	TTG	TAA	0	0	
mORF+_3382239	3382239	3382295	+	3	57	GTG	TAA	0	0	
mORF+_3382309	3382309	3382320	+	1	12	TTG	TAA	0	0	
mORF+_3382324	3382324	3382374	+	1	51	ATG	TGA	0	0	
mORF+_3382359	3382359	3382409	+	3	51	TTG	TAG	0	0	
mORF+_3382388	3382388	3382549	+	2	162	ATG	TAA	0	0	
mORF+_3382390	3382390	3382395	+	1	6	GTG	TAG	0	0	
mORF+_3382425	3382425	3382433	+	3	9	TTG	TAA	0	0	
mORF+_3382468	3382468	3382476	+	1	9	ATG	TAG	0	0	
mORF+_3382536	3382536	3382580	+	3	45	TTG	TGA	0	0	
mORF+_3382568	3382568	3382741	+	2	174	TTG	TAA	0	0	
mORF+_3382588	3382588	3382611	+	1	24	ATG	TGA	0	0	
mORF+_3382608	3382608	3382694	+	3	87	TTG	TAA	0	0	
mORF+_3382684	3382684	3382755	+	1	72	ATG	TAG	0	0	
mORF+_3382725	3382725	3383195	+	3	471	ATG	TAA	10	41	pORF+_3382725
mORF+_3382837	3382837	3382875	+	1	39	TTG	TGA	0	0	
mORF+_3382882	3382882	3382971	+	1	90	TTG	TGA	0	0	
mORF+_3383002	3383002	3383016	+	1	15	ATG	TGA	0	0	
mORF+_3383047	3383047	3383172	+	1	126	TTG	TAG	0	0	
mORF+_3383228	3383228	3383317	+	2	90	ATG	TGA	0	0	
mORF+_3383283	3383283	3383330	+	3	48	GTG	TAA	0	0	
mORF+_3383314	3383314	3383325	+	1	12	ATG	TAA	0	0	
mORF+_3383343	3383343	3383366	+	3	24	ATG	TGA	0	0	
mORF+_3383363	3383363	3383452	+	2	90	TTG	TGA	0	0	
mORF+_3383488	3383488	3383499	+	1	12	GTG	TGA	0	0	
mORF+_3383496	3383496	3383507	+	3	12	TTG	TGA	0	0	
mORF+_3383504	3383504	3383536	+	2	33	GTG	TAA	0	0	
mORF+_3383509	3383509	3383823	+	1	315	ATG	TAA	3	9	pORF+_3383509
mORF+_3383543	3383543	3383554	+	2	12	ATG	TAA	0	0	
mORF+_3383579	3383579	3383590	+	2	12	TTG	TAA	0	0	
mORF+_3383615	3383615	3383686	+	2	72	GTG	TAA	0	0	
mORF+_3383687	3383687	3383728	+	2	42	GTG	TGA	0	0	
mORF+_3383786	3383786	3383947	+	2	162	GTG	TAA	0	0	
mORF+_3383836	3383836	3383895	+	1	60	TTG	TAA	0	0	

mORF_+_3383874	3383874	3383882	+	3	9	TTG	TAA	0	0	
mORF_+_3383981	3383981	3384007	+	2	27	ATG	TAG	0	0	
mORF_+_3384001	3384001	3384090	+	1	90	GTG	TAA	0	0	
mORF_+_3384083	3384083	3384199	+	2	117	TTG	TAA	0	0	
mORF_+_3384208	3384208	3384246	+	1	39	ATG	TAA	0	0	
mORF_+_3384261	3384261	3384338	+	3	78	ATG	TAG	0	0	
mORF_+_3384317	3384317	3384472	+	2	156	GTG	TAA	0	0	
mORF_+_3384331	3384331	3384351	+	1	21	ATG	TAG	0	0	
mORF_+_3384420	3384420	3384461	+	3	42	ATG	TAA	0	0	
mORF_+_3384430	3384430	3384450	+	1	21	GTG	TGA	0	0	
mORF_+_3384482	3384482	3384511	+	2	30	GTG	TAA	0	0	
mORF_+_3384501	3384501	3384752	+	3	252	GTG	TAA	0	0	
mORF_+_3384587	3384587	3384628	+	2	42	GTG	TAG	0	0	
mORF_+_3384622	3384622	3384660	+	1	39	TTG	TGA	0	0	
mORF_+_3384718	3384718	3384771	+	1	54	GTG	TGA	0	0	
mORF_+_3384752	3384752	3384775	+	2	24	ATG	TGA	0	0	
mORF_+_3384777	3384777	3384962	+	3	186	ATG	TAA	0	0	
mORF_+_3384814	3384814	3384951	+	1	138	ATG	TAG	0	0	
mORF_+_3384827	3384827	3384898	+	2	72	GTG	TAA	0	0	
mORF_+_3385006	3385006	3385155	+	1	150	ATG	TGA	0	0	
mORF_+_3385010	3385010	3385144	+	2	135	GTG	TAA	0	0	
mORF_+_3385148	3385148	3385222	+	2	75	TTG	TGA	0	0	
mORF_+_3385152	3385152	3385169	+	3	18	ATG	TGA	0	0	
mORF_+_3385194	3385194	3385481	+	3	288	TTG	TAG	1	2	pORF_+_3385194
mORF_+_3385213	3385213	3385260	+	1	48	GTG	TGA	0	0	
mORF_+_3385226	3385226	3385237	+	2	12	TTG	TGA	0	0	
mORF_+_3385268	3385268	3385297	+	2	30	TTG	TGA	0	0	
mORF_+_3385291	3385291	3385437	+	1	147	ATG	TGA	0	0	
mORF_+_3385486	3385486	3385647	+	1	162	TTG	TGA	0	0	
mORF_+_3385557	3385557	3385562	+	3	6	TTG	TAG	0	0	
mORF_+_3385620	3385620	3385643	+	3	24	ATG	TAA	0	0	
mORF_+_3385644	3385644	3385934	+	3	291	TTG	TAA	0	0	
mORF_+_3385693	3385693	3385806	+	1	114	TTG	TGA	0	0	
mORF_+_3385793	3385793	3385813	+	2	21	ATG	TGA	0	0	
mORF_+_3385807	3385807	3385836	+	1	30	ATG	TAA	0	0	
mORF_+_3385934	3385934	3385957	+	2	24	ATG	TGA	0	0	
mORF_+_3385954	3385954	3386019	+	1	66	ATG	TAG	0	0	
mORF_+_3385988	3385988	3385999	+	2	12	ATG	TGA	0	0	
mORF_+_3386102	3386102	3386191	+	2	90	GTG	TAG	0	0	
mORF_+_3386121	3386121	3386219	+	3	99	GTG	TAA	0	0	
mORF_+_3386149	3386149	3386295	+	1	147	ATG	TGA	0	0	
mORF_+_3386237	3386237	3386611	+	2	375	ATG	TGA	0	0	
mORF_+_3386286	3386286	3386564	+	3	279	TTG	TAG	1	2	pORF_+_3386286
mORF_+_3386608	3386608	3386622	+	1	15	TTG	TAA	0	0	
mORF_+_3386643	3386643	3386741	+	3	99	TTG	TGA	0	0	
mORF_+_3386704	3386704	3386922	+	1	219	TTG	TGA	0	0	
mORF_+_3386741	3386741	3386758	+	2	18	ATG	TAG	0	0	
mORF_+_3386763	3386763	3386858	+	3	96	TTG	TGA	0	0	
mORF_+_3386876	3386876	3387100	+	2	225	TTG	TAA	0	0	
mORF_+_3386916	3386916	3386960	+	3	45	ATG	TGA	0	0	
mORF_+_3386976	3386976	3387056	+	3	81	ATG	TAA	0	0	
mORF_+_3387076	3387076	3387084	+	1	9	TTG	TGA	0	0	
mORF_+_3387081	3387081	3387290	+	3	210	ATG	TGA	0	0	
mORF_+_3387139	3387139	3387183	+	1	45	GTG	TAA	0	0	
mORF_+_3387205	3387205	3387240	+	1	36	GTG	TAG	0	0	
mORF_+_3387248	3387248	3387343	+	2	96	TTG	TAA	0	0	
mORF_+_3387358	3387358	3387459	+	1	102	ATG	TAG	0	0	
mORF_+_3387371	3387371	3387376	+	2	6	TTG	TAA	0	0	
mORF_+_3387461	3387461	3387484	+	2	24	TTG	TAA	0	0	
mORF_+_3387490	3387490	3387528	+	1	39	ATG	TAA	0	0	
mORF_+_3387507	3387507	3387512	+	3	6	ATG	TGA	0	0	
mORF_+_3387509	3387509	3387517	+	2	9	GTG	TAA	0	0	
mORF_+_3387535	3387535	3387585	+	1	51	GTG	TGA	0	0	

mORF+_3387542	3387542	3388471	+	2	930	ATG	TAA	3	8	pORF+_3387542
mORF+_3387570	3387570	3387581	+	3	12	TTG	TAG	0	0	
mORF+_3387582	3387582	3387626	+	3	45	TTG	TGA	0	0	
mORF+_3387666	3387666	3387680	+	3	15	ATG	TAA	0	0	
mORF+_3387708	3387708	3387716	+	3	9	TTG	TGA	0	0	
mORF+_3387762	3387762	3387872	+	3	111	ATG	TGA	0	0	
mORF+_3387945	3387945	3387968	+	3	24	TTG	TGA	0	0	
mORF+_3388036	3388036	3388098	+	1	63	GTG	TAG	0	0	
mORF+_3388105	3388105	3388113	+	1	9	ATG	TGA	0	0	
mORF+_3388110	3388110	3388148	+	3	39	TTG	TGA	0	0	
mORF+_3388194	3388194	3388199	+	3	6	TTG	TGA	0	0	
mORF+_3388203	3388203	3388214	+	3	12	ATG	TGA	0	0	
mORF+_3388239	3388239	3388265	+	3	27	GTG	TGA	0	0	
mORF+_3388267	3388267	3388368	+	1	102	GTG	TAA	0	0	
mORF+_3388290	3388290	3388379	+	3	90	GTG	TGA	0	0	
mORF+_3388416	3388416	3388829	+	3	414	TTG	TGA	0	0	
mORF+_3388478	3388478	3388528	+	2	51	TTG	TAA	0	0	
mORF+_3388646	3388646	3388858	+	2	213	TTG	TGA	0	0	
mORF+_3388723	3388723	3388869	+	1	147	TTG	TGA	0	0	
mORF+_3388886	3388886	3388918	+	2	33	GTG	TAA	0	0	
mORF+_3388954	3388954	3388989	+	1	36	GTG	TAG	0	0	
mORF+_3388980	3388980	3389180	+	3	201	ATG	TGA	0	0	
mORF+_3389005	3389005	3389058	+	1	54	TTG	TAG	0	0	
mORF+_3389068	3389068	3389253	+	1	186	ATG	TGA	0	0	
mORF+_3389250	3389250	3389528	+	3	279	GTG	TAG	0	0	
mORF+_3389308	3389308	3389424	+	1	117	ATG	TAA	0	0	
mORF+_3389321	3389321	3389344	+	2	24	GTG	TGA	0	0	
mORF+_3389369	3389369	3389575	+	2	207	TTG	TGA	0	0	
mORF+_3389464	3389464	3389565	+	1	102	TTG	TAG	0	0	
mORF+_3389602	3389602	3389814	+	1	213	TTG	TAA	0	0	
mORF+_3389670	3389670	3389903	+	3	234	TTG	TAA	0	0	
mORF+_3389840	3389840	3389887	+	2	48	TTG	TAA	0	0	
mORF+_3389866	3389866	3389874	+	1	9	ATG	TAA	0	0	
mORF+_3389890	3389890	3389919	+	1	30	ATG	TGA	0	0	
mORF+_3389916	3389916	3390020	+	3	105	GTG	TAG	0	0	
mORF+_3390024	3390024	3390113	+	3	90	TTG	TGA	0	0	
mORF+_3390056	3390056	3390151	+	2	96	TTG	TAG	0	0	
mORF+_3390103	3390103	3390333	+	1	231	ATG	TAG	0	0	
mORF+_3390195	3390195	3390242	+	3	48	ATG	TAG	0	0	
mORF+_3390377	3390377	3390523	+	2	147	ATG	TGA	0	0	
mORF+_3390384	3390384	3390899	+	3	516	GTG	TAA	1	2	pORF+_3390384
mORF+_3390430	3390430	3390450	+	1	21	TTG	TGA	0	0	
mORF+_3390520	3390520	3390555	+	1	36	TTG	TGA	0	0	
mORF+_3390565	3390565	3390831	+	1	267	ATG	TAG	0	0	
mORF+_3390680	3390680	3390787	+	2	108	GTG	TAA	0	0	
mORF+_3390847	3390847	3390960	+	1	114	GTG	TGA	0	0	
mORF+_3390909	3390909	3391022	+	3	114	TTG	TAA	0	0	
mORF+_3390967	3390967	3391029	+	1	63	ATG	TAA	0	0	
mORF+_3391004	3391004	3391039	+	2	36	GTG	TAA	0	0	
mORF+_3391040	3391040	3391066	+	2	27	ATG	TGA	0	0	
mORF+_3391054	3391054	3391392	+	1	339	ATG	TAA	0	0	
mORF+_3391260	3391260	3391346	+	3	87	TTG	TGA	0	0	
mORF+_3391331	3391331	3391405	+	2	75	TTG	TGA	0	0	
mORF+_3391402	3391402	3391530	+	1	129	TTG	TGA	0	0	
mORF+_3391464	3391464	3391541	+	3	78	TTG	TGA	0	0	
mORF+_3391487	3391487	3391549	+	2	63	TTG	TAG	0	0	
mORF+_3391564	3391564	3391743	+	1	180	ATG	TGA	0	0	
mORF+_3391566	3391566	3391796	+	3	231	GTG	TAA	0	0	
mORF+_3391571	3391571	3391660	+	2	90	GTG	TGA	0	0	
mORF+_3391762	3391762	3391770	+	1	9	TTG	TGA	0	0	
mORF+_3391807	3391807	3391881	+	1	75	TTG	TGA	0	0	
mORF+_3391841	3391841	3392047	+	2	207	GTG	TGA	0	0	
mORF+_3391878	3391878	3391898	+	3	21	GTG	TAG	0	0	

mORF_+_3391915	3391915	3391923	+	1	9	ATG	TAG	0	0	
mORF_+_3391935	3391935	3392288	+	3	354	ATG	TAA	0	0	
mORF_+_3391951	3391951	3392067	+	1	117	ATG	TAG	0	0	
mORF_+_3392072	3392072	3392116	+	2	45	TTG	TAA	0	0	
mORF_+_3392083	3392083	3392112	+	1	30	TTG	TGA	0	0	
mORF_+_3392123	3392123	3392158	+	2	36	TTG	TGA	0	0	
mORF_+_3392155	3392155	3392370	+	1	216	TTG	TAA	0	0	
mORF_+_3392201	3392201	3392209	+	2	9	GTG	TGA	0	0	
mORF_+_3392322	3392322	3392429	+	3	108	TTG	TGA	0	0	
mORF_+_3392354	3392354	3392398	+	2	45	GTG	TAA	0	0	
mORF_+_3392398	3392398	3392433	+	1	36	ATG	TAG	0	0	
mORF_+_3392426	3392426	3392452	+	2	27	TTG	TAA	0	0	
mORF_+_3392546	3392546	3392776	+	2	231	ATG	TGA	0	0	
mORF_+_3392581	3392581	3392610	+	1	30	TTG	TGA	0	0	
mORF_+_3392617	3392617	3392628	+	1	12	TTG	TAG	0	0	
mORF_+_3392619	3392619	3392702	+	3	84	GTG	TAA	0	0	
mORF_+_3392644	3392644	3392655	+	1	12	TTG	TAA	0	0	
mORF_+_3392754	3392754	3392759	+	3	6	TTG	TGA	0	0	
mORF_+_3392776	3392776	3392826	+	1	51	ATG	TAA	0	0	
mORF_+_3392817	3392817	3392945	+	3	129	TTG	TAG	0	0	
mORF_+_3392854	3392854	3392970	+	1	117	TTG	TAA	0	0	
mORF_+_3392921	3392921	3393001	+	2	81	TTG	TAA	0	0	
mORF_+_3393042	3393042	3393059	+	3	18	GTG	TAA	0	0	
mORF_+_3393069	3393069	3393203	+	3	135	TTG	TGA	0	0	
mORF_+_3393095	3393095	3393154	+	2	60	ATG	TAA	0	0	
mORF_+_3393112	3393112	3393126	+	1	15	TTG	TGA	0	0	
mORF_+_3393148	3393148	3393801	+	1	654	GTG	TGA	0	0	
mORF_+_3393170	3393170	3393370	+	2	201	GTG	TGA	0	0	
mORF_+_3393374	3393374	3393388	+	2	15	GTG	TAG	0	0	
mORF_+_3393420	3393420	3393653	+	3	234	ATG	TAA	1	7	pORF_+_3393420
mORF_+_3393557	3393557	3393712	+	2	156	GTG	TAA	0	0	
mORF_+_3393699	3393699	3393986	+	3	288	GTG	TAA	0	0	
mORF_+_3393752	3393752	3393772	+	2	21	GTG	TGA	0	0	
mORF_+_3393776	3393776	3393823	+	2	48	GTG	TGA	0	0	
mORF_+_3393877	3393877	3393882	+	1	6	ATG	TGA	0	0	
mORF_+_3393916	3393916	3394116	+	1	201	GTG	TGA	0	0	
mORF_+_3394068	3394068	3394109	+	3	42	GTG	TGA	0	0	
mORF_+_3394070	3394070	3394159	+	2	90	GTG	TGA	0	0	
mORF_+_3394132	3394132	3394449	+	1	318	ATG	TGA	0	0	
mORF_+_3394185	3394185	3394193	+	3	9	ATG	TAA	0	0	
mORF_+_3394304	3394304	3394309	+	2	6	ATG	TGA	0	0	
mORF_+_3394322	3394322	3394384	+	2	63	TTG	TAG	0	0	
mORF_+_3394329	3394329	3394406	+	3	78	ATG	TAA	0	0	
mORF_+_3394412	3394412	3394492	+	2	81	TTG	TAG	0	0	
mORF_+_3394446	3394446	3394547	+	3	102	GTG	TGA	0	0	
mORF_+_3394519	3394519	3394815	+	1	297	ATG	TAA	0	0	
mORF_+_3394544	3394544	3394555	+	2	12	ATG	TAG	0	0	
mORF_+_3394599	3394599	3394688	+	3	90	TTG	TAA	0	0	
mORF_+_3394628	3394628	3394753	+	2	126	ATG	TGA	0	0	
mORF_+_3394772	3394772	3394882	+	2	111	ATG	TGA	0	0	
mORF_+_3394879	3394879	3395094	+	1	216	ATG	TAA	0	0	
mORF_+_3394901	3394901	3394948	+	2	48	TTG	TAA	0	0	
mORF_+_3394970	3394970	3395041	+	2	72	TTG	TAA	0	0	
mORF_+_3395051	3395051	3395104	+	2	54	TTG	TAA	0	0	
mORF_+_3395055	3395055	3395084	+	3	30	TTG	TGA	0	0	
mORF_+_3395112	3395112	3395231	+	3	120	GTG	TAA	0	0	
mORF_+_3395126	3395126	3395197	+	2	72	ATG	TGA	0	0	
mORF_+_3395234	3395234	3395257	+	2	24	TTG	TAA	0	0	
mORF_+_3395309	3395309	3395407	+	2	99	ATG	TGA	0	0	
mORF_+_3395389	3395389	3395802	+	1	414	TTG	TAA	0	0	
mORF_+_3395447	3395447	3395524	+	2	78	GTG	TGA	0	0	
mORF_+_3395540	3395540	3395614	+	2	75	ATG	TGA	0	0	
mORF_+_3395607	3395607	3395900	+	3	294	ATG	TGA	0	0	

mORF_+_3395690	3395690	3395695	+	2	6	TTG	TAG	0	0	
mORF_+_3395699	3395699	3395737	+	2	39	TTG	TGA	0	0	
mORF_+_3395816	3395816	3395857	+	2	42	ATG	TAA	0	0	
mORF_+_3395839	3395839	3395847	+	1	9	GTG	TAA	0	0	
mORF_+_3395897	3395897	3395971	+	2	75	GTG	TAA	0	0	
mORF_+_3395953	3395953	3396024	+	1	72	ATG	TGA	0	0	
mORF_+_3396000	3396000	3396098	+	3	99	ATG	TGA	0	0	
mORF_+_3396059	3396059	3396115	+	2	57	GTG	TAA	0	0	
mORF_+_3396117	3396117	3396296	+	3	180	TTG	TGA	0	0	
mORF_+_3396137	3396137	3396355	+	2	219	ATG	TAA	0	0	
mORF_+_3396241	3396241	3396318	+	1	78	GTG	TAA	0	0	
mORF_+_3396309	3396309	3396362	+	3	54	ATG	TGA	0	0	
mORF_+_3396412	3396412	3396528	+	1	117	TTG	TAA	0	0	
mORF_+_3396437	3396437	3396643	+	2	207	TTG	TAA	0	0	
mORF_+_3396600	3396600	3396650	+	3	51	ATG	TGA	0	0	
mORF_+_3396647	3396647	3396745	+	2	99	ATG	TGA	0	0	
mORF_+_3396742	3396742	3396780	+	1	39	ATG	TAA	0	0	
mORF_+_3396773	3396773	3396889	+	2	117	ATG	TAG	0	0	
mORF_+_3396789	3396789	3396827	+	3	39	TTG	TGA	0	0	
mORF_+_3396829	3396829	3396930	+	1	102	TTG	TGA	0	0	
mORF_+_3396900	3396900	3397070	+	3	171	TTG	TAA	0	0	
mORF_+_3396959	3396959	3396973	+	2	15	GTG	TAG	0	0	
mORF_+_3396983	3396983	3397006	+	2	24	GTG	TAG	0	0	
mORF_+_3397055	3397055	3397135	+	2	81	TTG	TAG	0	0	
mORF_+_3397143	3397143	3397763	+	3	621	ATG	TAA	1	0	pORF_+_3397143
mORF_+_3397438	3397438	3397524	+	1	87	TTG	TGA	0	0	
mORF_+_3397454	3397454	3397507	+	2	54	TTG	TAG	0	0	
mORF_+_3397537	3397537	3397566	+	1	30	TTG	TAA	0	0	
mORF_+_3397624	3397624	3397638	+	1	15	GTG	TGA	0	0	
mORF_+_3397708	3397708	3397758	+	1	51	TTG	TGA	0	0	
mORF_+_3397785	3397785	3397970	+	3	186	TTG	TAG	1	3	pORF_+_3397785
mORF_+_3397840	3397840	3397854	+	1	15	TTG	TAG	0	0	
mORF_+_3397927	3397927	3398079	+	1	153	ATG	TGA	0	0	
mORF_+_3397991	3397991	3398002	+	2	12	TTG	TAA	0	0	
mORF_+_3398006	3398006	3398038	+	2	33	ATG	TAA	0	0	
mORF_+_3398093	3398093	3398191	+	2	99	GTG	TAA	0	0	
mORF_+_3398097	3398097	3398435	+	3	339	ATG	TAA	0	0	
mORF_+_3398215	3398215	3398232	+	1	18	GTG	TGA	0	0	
mORF_+_3398287	3398287	3398364	+	1	78	GTG	TAA	0	0	
mORF_+_3398371	3398371	3398457	+	1	87	GTG	TGA	0	0	
mORF_+_3398450	3398450	3398968	+	2	519	GTG	TGA	0	0	
mORF_+_3398454	3398454	3398495	+	3	42	TTG	TAA	0	0	
mORF_+_3398511	3398511	3398564	+	3	54	TTG	TAA	0	0	
mORF_+_3398598	3398598	3398942	+	3	345	GTG	TGA	0	0	
mORF_+_3398665	3398665	3398802	+	1	138	TTG	TAA	0	0	
mORF_+_3398884	3398884	3399042	+	1	159	TTG	TGA	0	0	
mORF_+_3398988	3398988	3399038	+	3	51	ATG	TAA	0	0	
mORF_+_3399023	3399023	3399121	+	2	99	TTG	TAA	0	0	
mORF_+_3399039	3399039	3399269	+	3	231	ATG	TAA	0	0	
mORF_+_3399217	3399217	3399405	+	1	189	GTG	TAA	0	0	
mORF_+_3399233	3399233	3399253	+	2	21	TTG	TGA	0	0	
mORF_+_3399269	3399269	3399394	+	2	126	ATG	TGA	0	0	
mORF_+_3399327	3399327	3399368	+	3	42	GTG	TGA	0	0	
mORF_+_3399429	3399429	3399434	+	3	6	TTG	TGA	0	0	
mORF_+_3399431	3399431	3399451	+	2	21	GTG	TAG	0	0	
mORF_+_3399458	3399458	3399499	+	2	42	GTG	TAA	0	0	
mORF_+_3399486	3399486	3399662	+	3	177	TTG	TAA	0	0	
mORF_+_3399547	3399547	3399555	+	1	9	GTG	TAA	0	0	
mORF_+_3399562	3399562	3399597	+	1	36	GTG	TGA	0	0	
mORF_+_3399628	3399628	3399786	+	1	159	ATG	TGA	0	0	
mORF_+_3399765	3399765	3399770	+	3	6	TTG	TAA	0	0	
mORF_+_3399780	3399780	3399833	+	3	54	ATG	TGA	0	0	
mORF_+_3399817	3399817	3399873	+	1	57	ATG	TGA	0	0	

mORF+_3399830	3399830	3399904	+	2	75	GTG	TAA	0	0	
mORF+_3399843	3399843	3399851	+	3	9	TTG	TAA	0	0	
mORF+_3399944	3399944	3399952	+	2	9	GTG	TAA	0	0	
mORF+_3399963	3399963	3399989	+	3	27	TTG	TAA	0	0	
mORF+_3400051	3400051	3400074	+	1	24	ATG	TGA	0	0	
mORF+_3400071	3400071	3400373	+	3	303	ATG	TAA	0	0	
mORF+_3400216	3400216	3400284	+	1	69	TTG	TGA	0	0	
mORF+_3400309	3400309	3400377	+	1	69	ATG	TGA	0	0	
mORF+_3400384	3400384	3400446	+	1	63	ATG	TAA	0	0	
mORF+_3400410	3400410	3400418	+	3	9	GTG	TAA	0	0	
mORF+_3400440	3400440	3400622	+	3	183	GTG	TAA	0	0	
mORF+_3400457	3400457	3400480	+	2	24	GTG	TAA	0	0	
mORF+_3400481	3400481	3400507	+	2	27	ATG	TGA	0	0	
mORF+_3400504	3400504	3400611	+	1	108	GTG	TGA	0	0	
mORF+_3400625	3400625	3400660	+	2	36	TTG	TGA	0	0	
mORF+_3400657	3400657	3400689	+	1	33	TTG	TAA	0	0	
mORF+_3400716	3400716	3400829	+	3	114	GTG	TAA	1	5	pORF+_3400716
mORF+_3400727	3400727	3400810	+	2	84	GTG	TAG	0	0	
mORF+_3400792	3400792	3400968	+	1	177	ATG	TAG	0	0	
mORF+_3400860	3400860	3400883	+	3	24	TTG	TAA	0	0	
mORF+_3400959	3400959	3401153	+	3	195	ATG	TAA	0	0	
mORF+_3400969	3400969	3400986	+	1	18	TTG	TGA	0	0	
mORF+_3401163	3401163	3401174	+	3	12	TTG	TAA	0	0	
mORF+_3401165	3401165	3401182	+	2	18	GTG	TGA	0	0	
mORF+_3401199	3401199	3401273	+	3	75	GTG	TAG	0	0	
mORF+_3401254	3401254	3401265	+	1	12	ATG	TAG	0	0	
mORF+_3401300	3401300	3401314	+	2	15	TTG	TGA	0	0	
mORF+_3401311	3401311	3401394	+	1	84	GTG	TAG	0	0	
mORF+_3401357	3401357	3401365	+	2	9	TTG	TAA	0	0	
mORF+_3401420	3401420	3401524	+	2	105	TTG	TAG	0	0	
mORF+_3401436	3401436	3401450	+	3	15	TTG	TAG	0	0	
mORF+_3401487	3401487	3401630	+	3	144	ATG	TAA	0	0	
mORF+_3401506	3401506	3402480	+	1	975	ATG	TAA	29	302	pORF+_3401506
mORF+_3401591	3401591	3401623	+	2	33	ATG	TGA	0	0	
mORF+_3401633	3401633	3401683	+	2	51	ATG	TGA	0	0	
mORF+_3401699	3401699	3401818	+	2	120	TTG	TGA	0	0	
mORF+_3401822	3401822	3401872	+	2	51	GTG	TGA	0	0	
mORF+_3401904	3401904	3402011	+	3	108	GTG	TAA	0	0	
mORF+_3401906	3401906	3401911	+	2	6	GTG	TGA	0	0	
mORF+_3401924	3401924	3401962	+	2	39	ATG	TGA	0	0	
mORF+_3401966	3401966	3402067	+	2	102	GTG	TGA	0	0	
mORF+_3402077	3402077	3402199	+	2	123	GTG	TGA	0	0	
mORF+_3402224	3402224	3402310	+	2	87	GTG	TAA	0	0	
mORF+_3402422	3402422	3402469	+	2	48	TTG	TGA	0	0	
mORF+_3402517	3402517	3402681	+	1	165	TTG	TGA	0	0	
mORF+_3402581	3402581	3402625	+	2	45	TTG	TGA	0	0	
mORF+_3402653	3402653	3402667	+	2	15	TTG	TAA	0	0	
mORF+_3402678	3402678	3402773	+	3	96	TTG	TAA	0	0	
mORF+_3402707	3402707	3402769	+	2	63	ATG	TGA	0	0	
mORF+_3402715	3402715	3402738	+	1	24	TTG	TAG	0	0	
mORF+_3402766	3402766	3402885	+	1	120	GTG	TGA	0	0	
mORF+_3402785	3402785	3402799	+	2	15	TTG	TAA	0	0	
mORF+_3402827	3402827	3402841	+	2	15	TTG	TAA	0	0	
mORF+_3402848	3402848	3402856	+	2	9	GTG	TAG	0	0	
mORF+_3402882	3402882	3402896	+	3	15	GTG	TAA	0	0	
mORF+_3402889	3402889	3403053	+	1	165	TTG	TGA	0	0	
mORF+_3402917	3402917	3402970	+	2	54	ATG	TGA	0	0	
mORF+_3402960	3402960	3403037	+	3	78	GTG	TAA	0	0	
mORF+_3403050	3403050	3403070	+	3	21	ATG	TGA	0	0	
mORF+_3403067	3403067	3403129	+	2	63	GTG	TGA	0	0	
mORF+_3403072	3403072	3403104	+	1	33	TTG	TGA	0	0	
mORF+_3403074	3403074	3403142	+	3	69	GTG	TGA	0	0	
mORF+_3403126	3403126	3403158	+	1	33	TTG	TAG	0	0	

mORF_+_3403166	3403166	3403207	+	2	42	TTG	TGA	0	0	
mORF_+_3403185	3403185	3403235	+	3	51	ATG	TGA	0	0	
mORF_+_3403216	3403216	3403485	+	1	270	TTG	TGA	0	0	
mORF_+_3403232	3403232	3403279	+	2	48	GTG	TAG	0	0	
mORF_+_3403266	3403266	3403313	+	3	48	TTG	TAA	0	0	
mORF_+_3403316	3403316	3403435	+	2	120	TTG	TAA	0	0	
mORF_+_3403458	3403458	3403928	+	3	471	ATG	TAA	19	351	pORF_+_3403458
mORF_+_3403495	3403495	3403587	+	1	93	TTG	TGA	0	0	
mORF_+_3403693	3403693	3403821	+	1	129	GTG	TGA	0	0	
mORF_+_3403802	3403802	3403813	+	2	12	GTG	TGA	0	0	
mORF_+_3403882	3403882	3403896	+	1	15	GTG	TAG	0	0	
mORF_+_3403900	3403900	3405288	+	1	1389	TTG	TAA	88	953	pORF_+_3403900
mORF_+_3403952	3403952	3404056	+	2	105	TTG	TAA	0	0	
mORF_+_3404075	3404075	3404110	+	2	36	ATG	TAA	0	0	
mORF_+_3404210	3404210	3404275	+	2	66	TTG	TGA	0	0	
mORF_+_3404325	3404325	3404342	+	3	18	TTG	TGA	0	0	
mORF_+_3404375	3404375	3404407	+	2	33	GTG	TGA	0	0	
mORF_+_3404495	3404495	3404806	+	2	312	GTG	TGA	0	0	
mORF_+_3404715	3404715	3404723	+	3	9	TTG	TAA	0	0	
mORF_+_3404727	3404727	3404735	+	3	9	GTG	TGA	0	0	
mORF_+_3404855	3404855	3404863	+	2	9	TTG	TGA	0	0	
mORF_+_3404936	3404936	3405091	+	2	156	ATG	TGA	0	0	
mORF_+_3404946	3404946	3405083	+	3	138	ATG	TGA	0	0	
mORF_+_3405105	3405105	3405116	+	3	12	TTG	TGA	0	0	
mORF_+_3405113	3405113	3405145	+	2	33	GTG	TGA	0	0	
mORF_+_3405149	3405149	3405166	+	2	18	ATG	TGA	0	0	
mORF_+_3405191	3405191	3405214	+	2	24	TTG	TGA	0	0	
mORF_+_3405215	3405215	3405451	+	2	237	ATG	TGA	0	0	
mORF_+_3405397	3405397	3405639	+	1	243	ATG	TGA	0	0	
mORF_+_3405471	3405471	3405536	+	3	66	TTG	TGA	0	0	
mORF_+_3405500	3405500	3405553	+	2	54	TTG	TGA	0	0	
mORF_+_3405569	3405569	3405592	+	2	24	TTG	TGA	0	0	
mORF_+_3405576	3405576	3405626	+	3	51	GTG	TGA	0	0	
mORF_+_3405623	3405623	3407080	+	2	1458	ATG	TAA	0	0	
mORF_+_3405636	3405636	3405644	+	3	9	TTG	TAA	0	0	
mORF_+_3405693	3405693	3405779	+	3	87	ATG	TGA	0	0	
mORF_+_3405801	3405801	3405872	+	3	72	GTG	TGA	0	0	
mORF_+_3405921	3405921	3405953	+	3	33	TTG	TGA	0	0	
mORF_+_3405972	3405972	3406016	+	3	45	TTG	TGA	0	0	
mORF_+_3406000	3406000	3406104	+	1	105	GTG	TGA	0	0	
mORF_+_3406026	3406026	3406046	+	3	21	TTG	TGA	0	0	
mORF_+_3406065	3406065	3406118	+	3	54	GTG	TGA	0	0	
mORF_+_3406122	3406122	3406178	+	3	57	TTG	TGA	0	0	
mORF_+_3406197	3406197	3406202	+	3	6	TTG	TGA	0	0	
mORF_+_3406209	3406209	3406238	+	3	30	TTG	TAG	0	0	
mORF_+_3406242	3406242	3406259	+	3	18	ATG	TAA	0	0	
mORF_+_3406366	3406366	3406419	+	1	54	GTG	TAA	0	0	
mORF_+_3406371	3406371	3406379	+	3	9	TTG	TGA	0	0	
mORF_+_3406380	3406380	3406478	+	3	99	TTG	TGA	0	0	
mORF_+_3406584	3406584	3406688	+	3	105	TTG	TGA	0	0	
mORF_+_3406776	3406776	3406802	+	3	27	TTG	TGA	0	0	
mORF_+_3406830	3406830	3406907	+	3	78	GTG	TAA	0	0	
mORF_+_3406852	3406852	3407073	+	1	222	GTG	TGA	0	0	
mORF_+_3406908	3406908	3406916	+	3	9	GTG	TGA	0	0	
mORF_+_3406920	3406920	3406955	+	3	36	TTG	TGA	0	0	
mORF_+_3407087	3407087	3407110	+	2	24	TTG	TGA	0	0	
mORF_+_3407092	3407092	3407973	+	1	882	ATG	TAA	9	17	pORF_+_3407092
mORF_+_3407097	3407097	3407147	+	3	51	TTG	TAG	0	0	
mORF_+_3407150	3407150	3407158	+	2	9	ATG	TGA	0	0	
mORF_+_3407168	3407168	3407260	+	2	93	GTG	TGA	0	0	
mORF_+_3407241	3407241	3407279	+	3	39	GTG	TGA	0	0	
mORF_+_3407261	3407261	3407290	+	2	30	TTG	TGA	0	0	
mORF_+_3407385	3407385	3407396	+	3	12	ATG	TAA	0	0	

mORF_+_3407414	3407414	3407479	+	2	66	TTG	TGA	0	0	
mORF_+_3407427	3407427	3407441	+	3	15	GTG	TAG	0	0	
mORF_+_3407501	3407501	3407563	+	2	63	TTG	TAA	0	0	
mORF_+_3407532	3407532	3407570	+	3	39	GTG	TAA	0	0	
mORF_+_3407585	3407585	3407623	+	2	39	TTG	TGA	0	0	
mORF_+_3407630	3407630	3407758	+	2	129	GTG	TGA	0	0	
mORF_+_3407786	3407786	3407818	+	2	33	TTG	TAA	0	0	
mORF_+_3407889	3407889	3407894	+	3	6	TTG	TGA	0	0	
mORF_+_3407891	3407891	3407995	+	2	105	GTG	TGA	0	0	
mORF_+_3407943	3407943	3407966	+	3	24	GTG	TAA	0	0	
mORF_+_3407992	3407992	3408084	+	1	93	GTG	TAA	0	0	
mORF_+_3408038	3408038	3408130	+	2	93	TTG	TAG	0	0	
mORF_+_3408063	3408063	3408095	+	3	33	GTG	TGA	0	0	
mORF_+_3408114	3408114	3408149	+	3	36	TTG	TGA	0	0	
mORF_+_3408118	3408118	3408123	+	1	6	GTG	TAA	0	0	
mORF_+_3408146	3408146	3408202	+	2	57	ATG	TGA	0	0	
mORF_+_3408189	3408189	3408338	+	3	150	ATG	TGA	0	0	
mORF_+_3408199	3408199	3408435	+	1	237	TTG	TAA	0	0	
mORF_+_3408284	3408284	3408298	+	2	15	ATG	TAA	0	0	
mORF_+_3408302	3408302	3409267	+	2	966	ATG	TAA	1	2	pORF_+_3408302
mORF_+_3408445	3408445	3408486	+	1	42	TTG	TGA	0	0	
mORF_+_3408483	3408483	3408617	+	3	135	TTG	TGA	0	0	
mORF_+_3408598	3408598	3408609	+	1	12	TTG	TAA	0	0	
mORF_+_3408657	3408657	3408716	+	3	60	ATG	TGA	0	0	
mORF_+_3408762	3408762	3408800	+	3	39	TTG	TGA	0	0	
mORF_+_3408807	3408807	3408965	+	3	159	ATG	TGA	0	0	
mORF_+_3409078	3409078	3409104	+	1	27	TTG	TGA	0	0	
mORF_+_3409101	3409101	3409277	+	3	177	ATG	TAA	0	0	
mORF_+_3409293	3409293	3409589	+	3	297	ATG	TAA	12	301	pORF_+_3409293
mORF_+_3409375	3409375	3409398	+	1	24	GTG	TGA	0	0	
mORF_+_3409408	3409408	3409419	+	1	12	TTG	TGA	0	0	
mORF_+_3409420	3409420	3409434	+	1	15	ATG	TGA	0	0	
mORF_+_3409435	3409435	3409467	+	1	33	ATG	TAG	0	0	
mORF_+_3409504	3409504	3409530	+	1	27	GTG	TGA	0	0	
mORF_+_3409546	3409546	3409569	+	1	24	GTG	TGA	0	0	
mORF_+_3409604	3409604	3409615	+	2	12	ATG	TAA	0	0	
mORF_+_3409608	3409608	3409691	+	3	84	TTG	TGA	0	0	
mORF_+_3409655	3409655	3409672	+	2	18	GTG	TGA	0	0	
mORF_+_3409669	3409669	3410559	+	1	891	GTG	TAA	0	0	
mORF_+_3409688	3409688	3409783	+	2	96	GTG	TGA	0	0	
mORF_+_3409787	3409787	3409831	+	2	45	TTG	TGA	0	0	
mORF_+_3409871	3409871	3409879	+	2	9	TTG	TGA	0	0	
mORF_+_3409880	3409880	3409903	+	2	24	TTG	TGA	0	0	
mORF_+_3409887	3409887	3410012	+	3	126	GTG	TGA	0	0	
mORF_+_3410009	3410009	3410068	+	2	60	ATG	TGA	0	0	
mORF_+_3410105	3410105	3410122	+	2	18	GTG	TAG	0	0	
mORF_+_3410211	3410211	3410246	+	3	36	TTG	TGA	0	0	
mORF_+_3410243	3410243	3410287	+	2	45	ATG	TGA	0	0	
mORF_+_3410339	3410339	3410368	+	2	30	TTG	TAG	0	0	
mORF_+_3410393	3410393	3410485	+	2	93	TTG	TGA	0	0	
mORF_+_3410534	3410534	3410623	+	2	90	TTG	TAA	0	0	
mORF_+_3410563	3410563	3410643	+	1	81	ATG	TAA	0	0	
mORF_+_3410565	3410565	3410570	+	3	6	GTG	TAA	0	0	
mORF_+_3410616	3410616	3410822	+	3	207	TTG	TGA	0	0	
mORF_+_3410657	3410657	3410698	+	2	42	TTG	TGA	0	0	
mORF_+_3410695	3410695	3410709	+	1	15	TTG	TGA	0	0	
mORF_+_3410714	3410714	3410722	+	2	9	GTG	TGA	0	0	
mORF_+_3410719	3410719	3410760	+	1	42	TTG	TGA	0	0	
mORF_+_3410747	3410747	3410770	+	2	24	ATG	TAA	0	0	
mORF_+_3410791	3410791	3410802	+	1	12	GTG	TGA	0	0	
mORF_+_3410819	3410819	3410839	+	2	21	GTG	TAA	0	0	
mORF_+_3410829	3410829	3410852	+	3	24	ATG	TGA	0	0	
mORF_+_3410849	3410849	3410860	+	2	12	TTG	TAA	0	0	

mORF_+_3410868	3410868	3410930	+	3	63	ATG	TAA	0	0	
mORF_+_3410921	3410921	3410956	+	2	36	TTG	TAA	0	0	
mORF_+_3410963	3410963	3411013	+	2	51	TTG	TAA	0	0	
mORF_+_3411025	3411025	3411084	+	1	60	TTG	TAA	0	0	
mORF_+_3411038	3411038	3411151	+	2	114	TTG	TAA	0	0	
mORF_+_3411141	3411141	3411146	+	3	6	TTG	TGA	0	0	
mORF_+_3411183	3411183	3411230	+	3	48	TTG	TGA	0	0	
mORF_+_3411194	3411194	3411247	+	2	54	TTG	TAA	0	0	
mORF_+_3411260	3411260	3411274	+	2	15	GTG	TAA	0	0	
mORF_+_3411283	3411283	3411312	+	1	30	ATG	TAA	0	0	
mORF_+_3411293	3411293	3411493	+	2	201	TTG	TAA	0	0	
mORF_+_3411324	3411324	3411344	+	3	21	TTG	TAG	0	0	
mORF_+_3411378	3411378	3411536	+	3	159	ATG	TAG	0	0	
mORF_+_3411481	3411481	3411489	+	1	9	TTG	TGA	0	0	
mORF_+_3411558	3411558	3411581	+	3	24	ATG	TAA	0	0	
mORF_+_3411560	3411560	3411613	+	2	54	GTG	TAA	0	0	
mORF_+_3411589	3411589	3411597	+	1	9	TTG	TAA	0	0	
mORF_+_3411731	3411731	3411766	+	2	36	TTG	TAA	0	0	
mORF_+_3411733	3411733	3411789	+	1	57	GTG	TGA	0	0	
mORF_+_3411741	3411741	3411749	+	3	9	GTG	TGA	0	0	
mORF_+_3411786	3411786	3411833	+	3	48	ATG	TAA	0	0	
mORF_+_3411794	3411794	3411799	+	2	6	TTG	TAG	0	0	
mORF_+_3411838	3411838	3411876	+	1	39	TTG	TGA	0	0	
mORF_+_3411846	3411846	3411857	+	3	12	TTG	TAA	0	0	
mORF_+_3411873	3411873	3411959	+	3	87	TTG	TAA	0	0	
mORF_+_3411886	3411886	3413043	+	1	1158	ATG	TAA	6	10	pORF_+_3411886
mORF_+_3411896	3411896	3411931	+	2	36	ATG	TGA	0	0	
mORF_+_3411989	3411989	3412018	+	2	30	GTG	TAA	0	0	
mORF_+_3412064	3412064	3412078	+	2	15	ATG	TAG	0	0	
mORF_+_3412139	3412139	3412255	+	2	117	ATG	TGA	0	0	
mORF_+_3412322	3412322	3412354	+	2	33	TTG	TGA	0	0	
mORF_+_3412355	3412355	3412450	+	2	96	TTG	TGA	0	0	
mORF_+_3412463	3412463	3412531	+	2	69	TTG	TGA	0	0	
mORF_+_3412673	3412673	3412678	+	2	6	ATG	TGA	0	0	
mORF_+_3412682	3412682	3412705	+	2	24	TTG	TAA	0	0	
mORF_+_3412712	3412712	3412855	+	2	144	GTG	TGA	0	0	
mORF_+_3412856	3412856	3412927	+	2	72	TTG	TGA	0	0	
mORF_+_3412920	3412920	3412931	+	3	12	ATG	TAG	0	0	
mORF_+_3412931	3412931	3412942	+	2	12	GTG	TGA	0	0	
mORF_+_3412961	3412961	3413053	+	2	93	TTG	TGA	0	0	
mORF_+_3413055	3413055	3416159	+	3	3105	ATG	TAA	10	12	pORF_+_3413055
mORF_+_3413086	3413086	3413112	+	1	27	TTG	TGA	0	0	
mORF_+_3413090	3413090	3413212	+	2	123	ATG	TGA	0	0	
mORF_+_3413167	3413167	3413238	+	1	72	TTG	TGA	0	0	
mORF_+_3413437	3413437	3413466	+	1	30	GTG	TGA	0	0	
mORF_+_3413479	3413479	3413562	+	1	84	TTG	TGA	0	0	
mORF_+_3413563	3413563	3413634	+	1	72	ATG	TAA	0	0	
mORF_+_3413656	3413656	3413664	+	1	9	TTG	TGA	0	0	
mORF_+_3413758	3413758	3413802	+	1	45	TTG	TGA	0	0	
mORF_+_3413818	3413818	3413841	+	1	24	GTG	TGA	0	0	
mORF_+_3413845	3413845	3414018	+	1	174	ATG	TGA	0	0	
mORF_+_3414034	3414034	3414078	+	1	45	ATG	TAA	0	0	
mORF_+_3414163	3414163	3414186	+	1	24	TTG	TAG	0	0	
mORF_+_3414193	3414193	3414234	+	1	42	TTG	TAA	0	0	
mORF_+_3414253	3414253	3414285	+	1	33	TTG	TAG	0	0	
mORF_+_3414530	3414530	3414547	+	2	18	ATG	TAA	0	0	
mORF_+_3414532	3414532	3414681	+	1	150	GTG	TGA	0	0	
mORF_+_3414593	3414593	3414601	+	2	9	TTG	TAA	0	0	
mORF_+_3414685	3414685	3414693	+	1	9	ATG	TGA	0	0	
mORF_+_3414694	3414694	3414771	+	1	78	TTG	TGA	0	0	
mORF_+_3414868	3414868	3414945	+	1	78	TTG	TGA	0	0	
mORF_+_3414950	3414950	3414964	+	2	15	GTG	TAA	0	0	
mORF_+_3414964	3414964	3414993	+	1	30	ATG	TAA	0	0	

mORF_+_3415000	3415000	3415104	+	1	105	GTG	TAA	0	0	
mORF_+_3415105	3415105	3415137	+	1	33	TTG	TAA	0	0	
mORF_+_3415159	3415159	3415191	+	1	33	TTG	TAG	0	0	
mORF_+_3415207	3415207	3415269	+	1	63	ATG	TAG	0	0	
mORF_+_3415270	3415270	3415356	+	1	87	GTG	TGA	0	0	
mORF_+_3415366	3415366	3415581	+	1	216	ATG	TGA	0	0	
mORF_+_3415475	3415475	3415624	+	2	150	TTG	TGA	0	0	
mORF_+_3415591	3415591	3415683	+	1	93	TTG	TAG	0	0	
mORF_+_3415693	3415693	3415764	+	1	72	TTG	TAG	0	0	
mORF_+_3415709	3415709	3415729	+	2	21	GTG	TGA	0	0	
mORF_+_3415777	3415777	3415848	+	1	72	TTG	TAA	0	0	
mORF_+_3415855	3415855	3415884	+	1	30	TTG	TGA	0	0	
mORF_+_3415888	3415888	3415947	+	1	60	TTG	TGA	0	0	
mORF_+_3416032	3416032	3416073	+	1	42	GTG	TAA	0	0	
mORF_+_3416128	3416128	3416136	+	1	9	TTG	TGA	0	0	
mORF_+_3416144	3416144	3416152	+	2	9	TTG	TAA	0	0	
mORF_+_3416185	3416185	3416262	+	1	78	GTG	TAG	0	0	
mORF_+_3416300	3416300	3416329	+	2	30	TTG	TAA	0	0	
mORF_+_3416336	3416336	3416362	+	2	27	GTG	TAA	0	0	
mORF_+_3416344	3416344	3416382	+	1	39	ATG	TAA	0	0	
mORF_+_3416412	3416412	3416633	+	3	222	ATG	TAA	1	2	pORF_+_3416412
mORF_+_3416461	3416461	3416532	+	1	72	GTG	TGA	0	0	
mORF_+_3416572	3416572	3416604	+	1	33	TTG	TGA	0	0	
mORF_+_3416698	3416698	3416718	+	1	21	TTG	TAA	0	0	
mORF_+_3416736	3416736	3416771	+	3	36	ATG	TAA	0	0	
mORF_+_3416859	3416859	3417035	+	3	177	TTG	TAA	0	0	
mORF_+_3416869	3416869	3416988	+	1	120	ATG	TAA	0	0	
mORF_+_3416897	3416897	3417010	+	2	114	TTG	TAA	0	0	
mORF_+_3417064	3417064	3417300	+	1	237	ATG	TGA	0	0	
mORF_+_3417110	3417110	3417148	+	2	39	TTG	TGA	0	0	
mORF_+_3417171	3417171	3418088	+	3	918	GTG	TAA	0	0	
mORF_+_3417176	3417176	3417190	+	2	15	ATG	TGA	0	0	
mORF_+_3417254	3417254	3417286	+	2	33	TTG	TGA	0	0	
mORF_+_3417397	3417397	3417456	+	1	60	ATG	TGA	0	0	
mORF_+_3417496	3417496	3417573	+	1	78	ATG	TGA	0	0	
mORF_+_3417670	3417670	3417690	+	1	21	ATG	TAA	0	0	
mORF_+_3417704	3417704	3417769	+	2	66	ATG	TGA	0	0	
mORF_+_3417709	3417709	3417753	+	1	45	TTG	TAG	0	0	
mORF_+_3417760	3417760	3417813	+	1	54	GTG	TGA	0	0	
mORF_+_3417773	3417773	3417820	+	2	48	ATG	TGA	0	0	
mORF_+_3417814	3417814	3417927	+	1	114	ATG	TGA	0	0	
mORF_+_3417941	3417941	3417952	+	2	12	ATG	TAA	0	0	
mORF_+_3417988	3417988	3418002	+	1	15	TTG	TAG	0	0	
mORF_+_3418030	3418030	3418098	+	1	69	GTG	TGA	0	0	
mORF_+_3418095	3418095	3418103	+	3	9	GTG	TAA	0	0	
mORF_+_3418138	3418138	3419337	+	1	1200	ATG	TAA	0	0	
mORF_+_3418196	3418196	3418288	+	2	93	TTG	TAA	0	0	
mORF_+_3418266	3418266	3418301	+	3	36	TTG	TAA	0	0	
mORF_+_3418304	3418304	3418369	+	2	66	GTG	TGA	0	0	
mORF_+_3418409	3418409	3418630	+	2	222	TTG	TGA	0	0	
mORF_+_3418446	3418446	3418505	+	3	60	GTG	TAA	0	0	
mORF_+_3418637	3418637	3418654	+	2	18	TTG	TGA	0	0	
mORF_+_3418661	3418661	3418735	+	2	75	GTG	TAG	0	0	
mORF_+_3418745	3418745	3418780	+	2	36	TTG	TAA	0	0	
mORF_+_3418829	3418829	3418927	+	2	99	TTG	TAA	0	0	
mORF_+_3418851	3418851	3418904	+	3	54	ATG	TAA	0	0	
mORF_+_3419021	3419021	3419107	+	2	87	ATG	TGA	0	0	
mORF_+_3419159	3419159	3419215	+	2	57	TTG	TGA	0	0	
mORF_+_3419327	3419327	3419347	+	2	21	TTG	TGA	0	0	
mORF_+_3419344	3419344	3420450	+	1	1107	ATG	TGA	0	0	
mORF_+_3419412	3419412	3419450	+	3	39	GTG	TAG	0	0	
mORF_+_3419462	3419462	3419479	+	2	18	TTG	TGA	0	0	
mORF_+_3419472	3419472	3419528	+	3	57	ATG	TAA	0	0	

mORF_+_3419534	3419534	3419662	+	2	129	TTG	TGA	0	0	
mORF_+_3419574	3419574	3419648	+	3	75	TTG	TAA	0	0	
mORF_+_3419663	3419663	3419740	+	2	78	TTG	TGA	0	0	
mORF_+_3419753	3419753	3419767	+	2	15	TTG	TGA	0	0	
mORF_+_3419760	3419760	3419792	+	3	33	GTG	TGA	0	0	
mORF_+_3419771	3419771	3419824	+	2	54	ATG	TGA	0	0	
mORF_+_3419811	3419811	3420122	+	3	312	ATG	TAA	0	0	
mORF_+_3419840	3419840	3419893	+	2	54	TTG	TAG	0	0	
mORF_+_3419915	3419915	3419968	+	2	54	TTG	TGA	0	0	
mORF_+_3420053	3420053	3420061	+	2	9	TTG	TGA	0	0	
mORF_+_3420080	3420080	3420202	+	2	123	ATG	TGA	0	0	
mORF_+_3420314	3420314	3420367	+	2	54	TTG	TGA	0	0	
mORF_+_3420447	3420447	3420461	+	3	15	TTG	TGA	0	0	
mORF_+_3420458	3420458	3421216	+	2	759	ATG	TAA	2	0	pORF_+_3420458
mORF_+_3420517	3420517	3420609	+	1	93	ATG	TAA	0	0	
mORF_+_3420522	3420522	3420542	+	3	21	ATG	TGA	0	0	
mORF_+_3420588	3420588	3420671	+	3	84	GTG	TAG	0	0	
mORF_+_3420625	3420625	3420633	+	1	9	TTG	TAA	0	0	
mORF_+_3420672	3420672	3420767	+	3	96	ATG	TGA	0	0	
mORF_+_3420799	3420799	3420819	+	1	21	TTG	TAA	0	0	
mORF_+_3420867	3420867	3420950	+	3	84	TTG	TGA	0	0	
mORF_+_3420943	3420943	3420972	+	1	30	GTG	TGA	0	0	
mORF_+_3420969	3420969	3421007	+	3	39	TTG	TGA	0	0	
mORF_+_3421029	3421029	3421052	+	3	24	TTG	TGA	0	0	
mORF_+_3421060	3421060	3421074	+	1	15	GTG	TGA	0	0	
mORF_+_3421062	3421062	3421067	+	3	6	GTG	TAA	0	0	
mORF_+_3421071	3421071	3421109	+	3	39	ATG	TAA	0	0	
mORF_+_3421122	3421122	3421133	+	3	12	GTG	TAG	0	0	
mORF_+_3421152	3421152	3421208	+	3	57	ATG	TAA	0	0	
mORF_+_3421217	3421217	3421597	+	2	381	TTG	TAA	0	0	
mORF_+_3421221	3421221	3421277	+	3	57	ATG	TGA	0	0	
mORF_+_3421291	3421291	3421401	+	1	111	ATG	TAA	0	0	
mORF_+_3421377	3421377	3421427	+	3	51	GTG	TGA	0	0	
mORF_+_3421470	3421470	3421517	+	3	48	ATG	TGA	0	0	
mORF_+_3421525	3421525	3421848	+	1	324	ATG	TAA	0	0	
mORF_+_3421601	3421601	3421666	+	2	66	GTG	TGA	0	0	
mORF_+_3421715	3421715	3421762	+	2	48	ATG	TGA	0	0	
mORF_+_3421770	3421770	3422009	+	3	240	ATG	TAA	0	0	
mORF_+_3421898	3421898	3421903	+	2	6	TTG	TAA	0	0	
mORF_+_3422044	3422044	3422154	+	1	111	GTG	TAG	0	0	
mORF_+_3422052	3422052	3422108	+	3	57	ATG	TGA	0	0	
mORF_+_3422105	3422105	3422194	+	2	90	ATG	TAG	0	0	
mORF_+_3422245	3422245	3422292	+	1	48	ATG	TGA	0	0	
mORF_+_3422264	3422264	3422332	+	2	69	TTG	TGA	0	0	
mORF_+_3422289	3422289	3422486	+	3	198	GTG	TAA	0	0	
mORF_+_3422308	3422308	3422511	+	1	204	GTG	TAG	0	0	
mORF_+_3422387	3422387	3422422	+	2	36	ATG	TGA	0	0	
mORF_+_3422521	3422521	3422610	+	1	90	GTG	TAG	0	0	
mORF_+_3422629	3422629	3422676	+	1	48	GTG	TAA	0	0	
mORF_+_3422651	3422651	3422728	+	2	78	ATG	TAG	0	0	
mORF_+_3422715	3422715	3422942	+	3	228	GTG	TAA	0	0	
mORF_+_3422807	3422807	3422881	+	2	75	GTG	TAG	0	0	
mORF_+_3422839	3422839	3422892	+	1	54	GTG	TAG	0	0	
mORF_+_3423000	3423000	3423059	+	3	60	GTG	TGA	0	0	
mORF_+_3423004	3423004	3423222	+	1	219	TTG	TGA	0	0	
mORF_+_3423011	3423011	3423025	+	2	15	GTG	TAA	0	0	
mORF_+_3423129	3423129	3423182	+	3	54	TTG	TGA	0	0	
mORF_+_3423189	3423189	3423212	+	3	24	GTG	TGA	0	0	
mORF_+_3423197	3423197	3423229	+	2	33	TTG	TAG	0	0	
mORF_+_3423222	3423222	3423395	+	3	174	ATG	TAA	0	0	
mORF_+_3423254	3423254	3423481	+	2	228	TTG	TAA	0	0	
mORF_+_3423484	3423484	3423564	+	1	81	TTG	TGA	0	0	
mORF_+_3423498	3423498	3423728	+	3	231	TTG	TGA	0	0	

mORF_+_3423575	3423575	3423724	+	2	150	ATG	TAA	0	0
mORF_+_3423658	3423658	3423666	+	1	9	ATG	TAG	0	0
mORF_+_3423725	3423725	3423808	+	2	84	ATG	TAG	0	0
mORF_+_3423822	3423822	3423872	+	3	51	TTG	TGA	0	0
mORF_+_3423860	3423860	3423922	+	2	63	GTG	TGA	0	0
mORF_+_3423906	3423906	3423959	+	3	54	TTG	TGA	0	0
mORF_+_3423919	3423919	3424119	+	1	201	ATG	TAG	0	0
mORF_+_3423956	3423956	3423979	+	2	24	ATG	TAA	0	0
mORF_+_3424013	3424013	3424066	+	2	54	TTG	TAG	0	0
mORF_+_3424017	3424017	3424052	+	3	36	TTG	TAA	0	0
mORF_+_3424112	3424112	3424165	+	2	54	ATG	TAA	0	0
mORF_+_3424203	3424203	3424226	+	3	24	TTG	TGA	0	0
mORF_+_3424264	3424264	3424380	+	1	117	GTG	TAG	0	0
mORF_+_3424277	3424277	3424582	+	2	306	TTG	TGA	0	0
mORF_+_3424383	3424383	3424514	+	3	132	TTG	TAA	0	0
mORF_+_3424390	3424390	3424605	+	1	216	ATG	TAG	0	0
mORF_+_3424606	3424606	3424653	+	1	48	ATG	TAA	0	0
mORF_+_3424640	3424640	3424795	+	2	156	ATG	TAG	0	0
mORF_+_3424653	3424653	3424745	+	3	93	ATG	TAG	0	0
mORF_+_3424819	3424819	3424848	+	1	30	ATG	TGA	0	0
mORF_+_3424835	3424835	3424897	+	2	63	TTG	TGA	0	0
mORF_+_3424845	3424845	3424910	+	3	66	TTG	TAA	0	0
mORF_+_3424870	3424870	3425070	+	1	201	TTG	TAA	0	0
mORF_+_3424935	3424935	3424967	+	3	33	TTG	TAA	0	0
mORF_+_3424979	3424979	3425044	+	2	66	ATG	TGA	0	0
mORF_+_3425061	3425061	3425066	+	3	6	ATG	TAG	0	0
mORF_+_3425084	3425084	3425119	+	2	36	TTG	TGA	0	0
mORF_+_3425089	3425089	3425103	+	1	15	GTG	TAG	0	0
mORF_+_3425097	3425097	3425216	+	3	120	TTG	TGA	0	0
mORF_+_3425110	3425110	3425163	+	1	54	GTG	TGA	0	0
mORF_+_3425213	3425213	3425245	+	2	33	GTG	TAA	0	0
mORF_+_3425250	3425250	3425441	+	3	192	GTG	TAG	0	0
mORF_+_3425282	3425282	3425341	+	2	60	TTG	TAA	0	0
mORF_+_3425356	3425356	3425379	+	1	24	TTG	TGA	0	0
mORF_+_3425386	3425386	3425427	+	1	42	GTG	TGA	0	0
mORF_+_3425455	3425455	3425502	+	1	48	ATG	TGA	0	0
mORF_+_3425466	3425466	3425591	+	3	126	TTG	TGA	0	0
mORF_+_3425510	3425510	3425551	+	2	42	TTG	TAG	0	0
mORF_+_3425555	3425555	3425695	+	2	141	GTG	TAA	0	0
mORF_+_3425557	3425557	3425562	+	1	6	GTG	TAG	0	0
mORF_+_3425634	3425634	3425720	+	3	87	TTG	TGA	0	0
mORF_+_3425674	3425674	3425775	+	1	102	TTG	TGA	0	0
mORF_+_3425729	3425729	3425881	+	2	153	ATG	TAA	0	0
mORF_+_3425784	3425784	3425804	+	3	21	GTG	TAA	0	0
mORF_+_3425788	3425788	3425829	+	1	42	ATG	TAA	0	0
mORF_+_3425835	3425835	3425915	+	3	81	ATG	TAA	0	0
mORF_+_3425884	3425884	3425997	+	1	114	TTG	TAA	0	0
mORF_+_3426004	3426004	3426192	+	1	189	TTG	TAA	0	0
mORF_+_3426149	3426149	3426166	+	2	18	ATG	TGA	0	0
mORF_+_3426205	3426205	3426234	+	1	30	GTG	TAA	0	0
mORF_+_3426238	3426238	3426300	+	1	63	TTG	TAA	0	0
mORF_+_3426282	3426282	3426443	+	3	162	GTG	TAG	0	0
mORF_+_3426413	3426413	3426499	+	2	87	GTG	TAG	0	0
mORF_+_3426469	3426469	3426768	+	1	300	GTG	TGA	0	0
mORF_+_3426471	3426471	3426632	+	3	162	GTG	TAG	0	0
mORF_+_3426605	3426605	3426616	+	2	12	ATG	TAG	0	0
mORF_+_3426725	3426725	3426874	+	2	150	TTG	TAA	0	0
mORF_+_3426729	3426729	3426737	+	3	9	ATG	TAG	0	0
mORF_+_3426765	3426765	3426794	+	3	30	ATG	TGA	0	0
mORF_+_3426837	3426837	3426911	+	3	75	TTG	TGA	0	0
mORF_+_3426844	3426844	3427002	+	1	159	TTG	TGA	0	0
mORF_+_3426930	3426930	3427214	+	3	285	TTG	TAA	0	0
mORF_+_3426962	3426962	3427045	+	2	84	GTG	TGA	0	0

mORF_+_3427042	3427042	3427812	+	1	771	GTG	TGA	19	244	pORF_+_3427042
mORF_+_3427151	3427151	3427192	+	2	42	TTG	TAA	0	0	
mORF_+_3427214	3427214	3427255	+	2	42	ATG	TAA	0	0	
mORF_+_3427265	3427265	3427315	+	2	51	ATG	TAA	0	0	
mORF_+_3427331	3427331	3427339	+	2	9	GTG	TGA	0	0	
mORF_+_3427340	3427340	3427390	+	2	51	TTG	TGA	0	0	
mORF_+_3427394	3427394	3427501	+	2	108	GTG	TAA	0	0	
mORF_+_3427505	3427505	3427537	+	2	33	TTG	TGA	0	0	
mORF_+_3427556	3427556	3427609	+	2	54	TTG	TAG	0	0	
mORF_+_3427616	3427616	3427624	+	2	9	ATG	TGA	0	0	
mORF_+_3427628	3427628	3427717	+	2	90	TTG	TAA	0	0	
mORF_+_3427718	3427718	3427765	+	2	48	GTG	TGA	0	0	
mORF_+_3427767	3427767	3427796	+	3	30	ATG	TAA	0	0	
mORF_+_3427809	3427809	3427838	+	3	30	TTG	TAA	0	0	
mORF_+_3427869	3427869	3427889	+	3	21	ATG	TAA	0	0	
mORF_+_3427949	3427949	3428149	+	2	201	ATG	TAA	0	0	
mORF_+_3427956	3427956	3428123	+	3	168	TTG	TGA	0	0	
mORF_+_3428032	3428032	3428040	+	1	9	ATG	TGA	0	0	
mORF_+_3428131	3428131	3428253	+	1	123	GTG	TGA	0	0	
mORF_+_3428223	3428223	3428231	+	3	9	ATG	TAG	0	0	
mORF_+_3428238	3428238	3428249	+	3	12	ATG	TGA	0	0	
mORF_+_3428246	3428246	3428260	+	2	15	ATG	TGA	0	0	
mORF_+_3428250	3428250	3428327	+	3	78	ATG	TGA	0	0	
mORF_+_3428257	3428257	3428286	+	1	30	ATG	TGA	0	0	
mORF_+_3428296	3428296	3428307	+	1	12	ATG	TAA	0	0	
mORF_+_3428324	3428324	3428458	+	2	135	ATG	TAG	0	0	
mORF_+_3428367	3428367	3428765	+	3	399	GTG	TAG	0	0	
mORF_+_3428422	3428422	3428490	+	1	69	TTG	TAA	0	0	
mORF_+_3428722	3428722	3428730	+	1	9	GTG	TGA	0	0	
mORF_+_3428746	3428746	3428808	+	1	63	GTG	TGA	0	0	
mORF_+_3428768	3428768	3429028	+	2	261	ATG	TAG	1	3	pORF_+_3428768
mORF_+_3428805	3428805	3428852	+	3	48	ATG	TAG	0	0	
mORF_+_3428809	3428809	3429048	+	1	240	ATG	TAA	0	0	
mORF_+_3428862	3428862	3428912	+	3	51	ATG	TGA	0	0	
mORF_+_3428967	3428967	3429260	+	3	294	TTG	TAA	0	0	
mORF_+_3429082	3429082	3429228	+	1	147	GTG	TAG	0	0	
mORF_+_3429128	3429128	3429160	+	2	33	GTG	TGA	0	0	
mORF_+_3429248	3429248	3429373	+	2	126	TTG	TGA	0	0	
mORF_+_3429370	3429370	3429525	+	1	156	ATG	TAG	0	0	
mORF_+_3429420	3429420	3429521	+	3	102	TTG	TGA	0	0	
mORF_+_3429518	3429518	3429532	+	2	15	ATG	TAA	0	0	
mORF_+_3429532	3429532	3429768	+	1	237	ATG	TAA	1	2	pORF_+_3429532
mORF_+_3429557	3429557	3429583	+	2	27	ATG	TGA	0	0	
mORF_+_3429612	3429612	3429674	+	3	63	ATG	TAA	0	0	
mORF_+_3429617	3429617	3429625	+	2	9	TTG	TAA	0	0	
mORF_+_3429675	3429675	3429701	+	3	27	TTG	TAA	0	0	
mORF_+_3429731	3429731	3429859	+	2	129	ATG	TAG	0	0	
mORF_+_3429777	3429777	3429818	+	3	42	TTG	TGA	0	0	
mORF_+_3429823	3429823	3429837	+	1	15	ATG	TGA	0	0	
mORF_+_3429876	3429876	3429917	+	3	42	GTG	TAA	0	0	
mORF_+_3429898	3429898	3429975	+	1	78	GTG	TGA	0	0	
mORF_+_3429936	3429936	3429965	+	3	30	TTG	TGA	0	0	
mORF_+_3429962	3429962	3430012	+	2	51	GTG	TGA	0	0	
mORF_+_3429969	3429969	3429986	+	3	18	GTG	TAA	0	0	
mORF_+_3429993	3429993	3430004	+	3	12	ATG	TAA	0	0	
mORF_+_3430009	3430009	3430092	+	1	84	ATG	TGA	0	0	
mORF_+_3430016	3430016	3430048	+	2	33	ATG	TAA	0	0	
mORF_+_3430058	3430058	3430354	+	2	297	TTG	TAG	0	0	
mORF_+_3430089	3430089	3430202	+	3	114	TTG	TGA	0	0	
mORF_+_3430264	3430264	3430398	+	1	135	GTG	TAA	0	0	
mORF_+_3430278	3430278	3430328	+	3	51	ATG	TGA	0	0	
mORF_+_3430362	3430362	3430367	+	3	6	TTG	TAG	0	0	
mORF_+_3430413	3430413	3430421	+	3	9	TTG	TGA	0	0	

mORF_+_3430418	3430418	3430474	+	2	57	TTG	TAG	0	0	
mORF_+_3430443	3430443	3430448	+	3	6	GTG	TGA	0	0	
mORF_+_3430485	3430485	3430544	+	3	60	ATG	TAA	0	0	
mORF_+_3430490	3430490	3430567	+	2	78	ATG	TAA	0	0	
mORF_+_3430560	3430560	3430685	+	3	126	TTG	TGA	0	0	
mORF_+_3430616	3430616	3430639	+	2	24	GTG	TAG	0	0	
mORF_+_3430655	3430655	3430939	+	2	285	ATG	TGA	0	0	
mORF_+_3430719	3430719	3430790	+	3	72	GTG	TAA	0	0	
mORF_+_3430794	3430794	3430931	+	3	138	GTG	TAG	0	0	
mORF_+_3430942	3430942	3430968	+	1	27	ATG	TAA	0	0	
mORF_+_3430955	3430955	3431071	+	2	117	GTG	TAA	0	0	
mORF_+_3431046	3431046	3431114	+	3	69	ATG	TAA	0	0	
mORF_+_3431062	3431062	3431259	+	1	198	ATG	TGA	0	0	
mORF_+_3431124	3431124	3431201	+	3	78	ATG	TAA	0	0	
mORF_+_3431165	3431165	3431452	+	2	288	TTG	TAA	0	0	
mORF_+_3431229	3431229	3431264	+	3	36	ATG	TGA	0	0	
mORF_+_3431265	3431265	3431363	+	3	99	ATG	TAA	0	0	
mORF_+_3431364	3431364	3431396	+	3	33	ATG	TGA	0	0	
mORF_+_3431371	3431371	3431508	+	1	138	TTG	TGA	0	0	
mORF_+_3431433	3431433	3431555	+	3	123	TTG	TAA	0	0	
mORF_+_3431495	3431495	3431545	+	2	51	TTG	TGA	0	0	
mORF_+_3431618	3431618	3431668	+	2	51	TTG	TAG	0	0	
mORF_+_3431631	3431631	3431663	+	3	33	GTG	TAG	0	0	
mORF_+_3431656	3431656	3431775	+	1	120	TTG	TAG	0	0	
mORF_+_3431712	3431712	3432221	+	3	510	ATG	TAA	20	149	pORF_+_3431712
mORF_+_3431785	3431785	3431925	+	1	141	ATG	TAG	0	0	
mORF_+_3431971	3431971	3432012	+	1	42	TTG	TAG	0	0	
mORF_+_3431981	3431981	3431998	+	2	18	TTG	TGA	0	0	
mORF_+_3432046	3432046	3432093	+	1	48	TTG	TAG	0	0	
mORF_+_3432109	3432109	3432162	+	1	54	ATG	TGA	0	0	
mORF_+_3432187	3432187	3432207	+	1	21	TTG	TGA	0	0	
mORF_+_3432236	3432236	3433183	+	2	948	GTG	TGA	26	126	pORF_+_3432236
mORF_+_3432261	3432261	3432377	+	3	117	TTG	TGA	0	0	
mORF_+_3432486	3432486	3432515	+	3	30	ATG	TAA	0	0	
mORF_+_3432549	3432549	3432647	+	3	99	TTG	TGA	0	0	
mORF_+_3432619	3432619	3432630	+	1	12	ATG	TGA	0	0	
mORF_+_3432663	3432663	3432674	+	3	12	ATG	TAG	0	0	
mORF_+_3432681	3432681	3432788	+	3	108	GTG	TGA	0	0	
mORF_+_3432837	3432837	3432860	+	3	24	TTG	TGA	0	0	
mORF_+_3432879	3432879	3432944	+	3	66	TTG	TGA	0	0	
mORF_+_3432934	3432934	3432960	+	1	27	ATG	TGA	0	0	
mORF_+_3432957	3432957	3433082	+	3	126	TTG	TGA	0	0	
mORF_+_3433153	3433153	3433245	+	1	93	ATG	TAA	0	0	
mORF_+_3433158	3433158	3433199	+	3	42	TTG	TAA	0	0	
mORF_+_3433208	3433208	3434518	+	2	1311	TTG	TGA	10	65	pORF_+_3433208
mORF_+_3433272	3433272	3433304	+	3	33	TTG	TAA	0	0	
mORF_+_3433369	3433369	3433416	+	1	48	GTG	TAA	0	0	
mORF_+_3433374	3433374	3433403	+	3	30	TTG	TAG	0	0	
mORF_+_3433476	3433476	3433580	+	3	105	TTG	TGA	0	0	
mORF_+_3433587	3433587	3433628	+	3	42	GTG	TAG	0	0	
mORF_+_3433638	3433638	3433679	+	3	42	ATG	TGA	0	0	
mORF_+_3433708	3433708	3433734	+	1	27	GTG	TAA	0	0	
mORF_+_3433750	3433750	3433764	+	1	15	GTG	TAA	0	0	
mORF_+_3433794	3433794	3433820	+	3	27	TTG	TGA	0	0	
mORF_+_3433833	3433833	3433946	+	3	114	ATG	TGA	0	0	
mORF_+_3433906	3433906	3433971	+	1	66	ATG	TGA	0	0	
mORF_+_3433953	3433953	3434099	+	3	147	TTG	TAA	0	0	
mORF_+_3433987	3433987	3434007	+	1	21	TTG	TAA	0	0	
mORF_+_3434106	3434106	3434114	+	3	9	TTG	TGA	0	0	
mORF_+_3434133	3434133	3434192	+	3	60	GTG	TAG	0	0	
mORF_+_3434155	3434155	3434178	+	1	24	ATG	TGA	0	0	
mORF_+_3434193	3434193	3434219	+	3	27	ATG	TGA	0	0	
mORF_+_3434200	3434200	3434241	+	1	42	TTG	TAA	0	0	

mORF_+_3434242	3434242	3434292	+	1	51	ATG	TGA	0	0	
mORF_+_3434308	3434308	3434376	+	1	69	TTG	TAG	0	0	
mORF_+_3434328	3434328	3434507	+	3	180	GTG	TAA	0	0	
mORF_+_3434422	3434422	3434454	+	1	33	TTG	TAA	0	0	
mORF_+_3434515	3434515	3434526	+	1	12	GTG	TAA	0	0	
mORF_+_3434540	3434540	3435916	+	2	1377	ATG	TAA	6	14	pORF_+_3434540
mORF_+_3434559	3434559	3434756	+	3	198	GTG	TAA	0	0	
mORF_+_3434766	3434766	3434795	+	3	30	ATG	TAG	0	0	
mORF_+_3434859	3434859	3434906	+	3	48	ATG	TGA	0	0	
mORF_+_3434949	3434949	3434978	+	3	30	TTG	TGA	0	0	
mORF_+_3435024	3435024	3435038	+	3	15	ATG	TGA	0	0	
mORF_+_3435039	3435039	3435203	+	3	165	TTG	TGA	0	0	
mORF_+_3435207	3435207	3435518	+	3	312	GTG	TGA	0	0	
mORF_+_3435543	3435543	3435671	+	3	129	ATG	TAG	0	0	
mORF_+_3435681	3435681	3435797	+	3	117	TTG	TGA	0	0	
mORF_+_3435801	3435801	3435842	+	3	42	TTG	TAA	0	0	
mORF_+_3435932	3435932	3435970	+	2	39	ATG	TAA	0	0	
mORF_+_3435994	3435994	3436002	+	1	9	ATG	TAA	0	0	
mORF_+_3436006	3436006	3436035	+	1	30	TTG	TAG	0	0	
mORF_+_3436017	3436017	3436049	+	3	33	ATG	TGA	0	0	
mORF_+_3436046	3436046	3436456	+	2	411	ATG	TAA	1	3	pORF_+_3436046
mORF_+_3436074	3436074	3436190	+	3	117	TTG	TAA	0	0	
mORF_+_3436191	3436191	3436262	+	3	72	TTG	TGA	0	0	
mORF_+_3436272	3436272	3436304	+	3	33	GTG	TGA	0	0	
mORF_+_3436305	3436305	3436340	+	3	36	TTG	TAA	0	0	
mORF_+_3436422	3436422	3436433	+	3	12	GTG	TGA	0	0	
mORF_+_3436481	3436481	3436495	+	2	15	GTG	TGA	0	0	
mORF_+_3436492	3436492	3436602	+	1	111	GTG	TAA	0	0	
mORF_+_3436505	3436505	3436558	+	2	54	TTG	TAA	0	0	
mORF_+_3436609	3436609	3436614	+	1	6	ATG	TAG	0	0	
mORF_+_3436617	3436617	3436652	+	3	36	ATG	TAG	0	0	
mORF_+_3436654	3436654	3436743	+	1	90	ATG	TAA	0	0	
mORF_+_3436683	3436683	3436694	+	3	12	TTG	TAA	0	0	
mORF_+_3436703	3436703	3436708	+	2	6	GTG	TAA	0	0	
mORF_+_3436757	3436757	3436909	+	2	153	TTG	TGA	0	0	
mORF_+_3436867	3436867	3436977	+	1	111	GTG	TGA	0	0	
mORF_+_3436899	3436899	3436916	+	3	18	ATG	TGA	0	0	
mORF_+_3436922	3436922	3436984	+	2	63	ATG	TAG	0	0	
mORF_+_3436938	3436938	3437093	+	3	156	ATG	TAA	0	0	
mORF_+_3436985	3436985	3437038	+	2	54	TTG	TAG	0	0	
mORF_+_3437066	3437066	3437176	+	2	111	ATG	TGA	0	0	
mORF_+_3437103	3437103	3437213	+	3	111	GTG	TAA	0	0	
mORF_+_3437110	3437110	3437166	+	1	57	GTG	TAG	0	0	
mORF_+_3437173	3437173	3437202	+	1	30	TTG	TAA	0	0	
mORF_+_3437235	3437235	3437258	+	3	24	TTG	TAA	0	0	
mORF_+_3437258	3437258	3437275	+	2	18	ATG	TAA	0	0	
mORF_+_3437280	3437280	3437366	+	3	87	TTG	TAA	0	0	
mORF_+_3437311	3437311	3437331	+	1	21	TTG	TGA	0	0	
mORF_+_3437333	3437333	3437533	+	2	201	TTG	TAA	0	0	
mORF_+_3437418	3437418	3437525	+	3	108	GTG	TAA	0	0	
mORF_+_3437546	3437546	3437689	+	2	144	ATG	TAA	0	0	
mORF_+_3437568	3437568	3437573	+	3	6	TTG	TAG	0	0	
mORF_+_3437578	3437578	3437598	+	1	21	GTG	TAA	0	0	
mORF_+_3437628	3437628	3437783	+	3	156	TTG	TAA	0	0	
mORF_+_3437702	3437702	3437743	+	2	42	TTG	TAA	0	0	
mORF_+_3437790	3437790	3437840	+	3	51	TTG	TAG	0	0	
mORF_+_3437855	3437855	3437932	+	2	78	TTG	TGA	0	0	
mORF_+_3437929	3437929	3437943	+	1	15	ATG	TGA	0	0	
mORF_+_3437940	3437940	3437966	+	3	27	GTG	TAG	0	0	
mORF_+_3437954	3437954	3437998	+	2	45	TTG	TGA	0	0	
mORF_+_3437974	3437974	3438144	+	1	171	ATG	TAA	0	0	
mORF_+_3438020	3438020	3438049	+	2	30	ATG	TAA	0	0	
mORF_+_3438053	3438053	3438352	+	2	300	GTG	TAA	0	0	

mORF_+_3438075	3438075	3438224	+	3	150	ATG	TAG	0	0	
mORF_+_3438371	3438371	3438859	+	2	489	TTG	TAG	0	0	
mORF_+_3438384	3438384	3438500	+	3	117	ATG	TAG	0	0	
mORF_+_3438388	3438388	3438447	+	1	60	TTG	TGA	0	0	
mORF_+_3438526	3438526	3438585	+	1	60	ATG	TAG	0	0	
mORF_+_3438618	3438618	3438776	+	3	159	TTG	TGA	0	0	
mORF_+_3438801	3438801	3438830	+	3	30	TTG	TGA	0	0	
mORF_+_3438840	3438840	3439073	+	3	234	TTG	TAA	0	0	
mORF_+_3438904	3438904	3439089	+	1	186	ATG	TAA	0	0	
mORF_+_3438941	3438941	3438961	+	2	21	ATG	TAA	0	0	
mORF_+_3438983	3438983	3439027	+	2	45	GTG	TAG	0	0	
mORF_+_3439064	3439064	3439114	+	2	51	TTG	TAA	0	0	
mORF_+_3439104	3439104	3439643	+	3	540	GTG	TAA	0	0	
mORF_+_3439114	3439114	3439293	+	1	180	ATG	TGA	0	0	
mORF_+_3439193	3439193	3439288	+	2	96	TTG	TAA	0	0	
mORF_+_3439303	3439303	3439353	+	1	51	ATG	TGA	0	0	
mORF_+_3439331	3439331	3439345	+	2	15	TTG	TAA	0	0	
mORF_+_3439355	3439355	3439636	+	2	282	GTG	TAA	0	0	
mORF_+_3439369	3439369	3439473	+	1	105	GTG	TAG	0	0	
mORF_+_3439606	3439606	3439770	+	1	165	TTG	TGA	0	0	
mORF_+_3439691	3439691	3439792	+	2	102	TTG	TAA	0	0	
mORF_+_3439767	3439767	3440147	+	3	381	ATG	TGA	0	0	
mORF_+_3439792	3439792	3439932	+	1	141	ATG	TGA	0	0	
mORF_+_3439945	3439945	3440010	+	1	66	GTG	TGA	0	0	
mORF_+_3439985	3439985	3440020	+	2	36	TTG	TGA	0	0	
mORF_+_3440017	3440017	3440058	+	1	42	GTG	TGA	0	0	
mORF_+_3440096	3440096	3440197	+	2	102	GTG	TGA	0	0	
mORF_+_3440175	3440175	3440264	+	3	90	GTG	TGA	0	0	
mORF_+_3440221	3440221	3440439	+	1	219	ATG	TAA	0	0	
mORF_+_3440261	3440261	3440428	+	2	168	TTG	TAA	0	0	
mORF_+_3440439	3440439	3440474	+	3	36	ATG	TAA	0	0	
mORF_+_3440452	3440452	3440532	+	1	81	ATG	TGA	0	0	
mORF_+_3440468	3440468	3440599	+	2	132	ATG	TAG	0	0	
mORF_+_3440526	3440526	3440594	+	3	69	ATG	TAA	0	0	
mORF_+_3440557	3440557	3440907	+	1	351	ATG	TGA	0	0	
mORF_+_3440616	3440616	3440729	+	3	114	TTG	TAA	0	0	
mORF_+_3440823	3440823	3440873	+	3	51	ATG	TAA	0	0	
mORF_+_3440904	3440904	3440951	+	3	48	GTG	TGA	0	0	
mORF_+_3440948	3440948	3441127	+	2	180	ATG	TAG	0	0	
mORF_+_3441037	3441037	3441165	+	1	129	TTG	TAA	0	0	
mORF_+_3441066	3441066	3441110	+	3	45	ATG	TGA	0	0	
mORF_+_3441143	3441143	3441160	+	2	18	ATG	TAG	0	0	
mORF_+_3441147	3441147	3441272	+	3	126	TTG	TAA	0	0	
mORF_+_3441178	3441178	3441246	+	1	69	TTG	TGA	0	0	
mORF_+_3441251	3441251	3441349	+	2	99	ATG	TAG	0	0	
mORF_+_3441288	3441288	3441503	+	3	216	TTG	TAG	0	0	
mORF_+_3441328	3441328	3441444	+	1	117	ATG	TAA	0	0	
mORF_+_3441389	3441389	3441400	+	2	12	ATG	TGA	0	0	
mORF_+_3441472	3441472	3441558	+	1	87	GTG	TGA	0	0	
mORF_+_3441512	3441512	3441652	+	2	141	ATG	TAG	0	0	
mORF_+_3441555	3441555	3441587	+	3	33	TTG	TAA	0	0	
mORF_+_3441654	3441654	3441671	+	3	18	ATG	TAA	0	0	
mORF_+_3441682	3441682	3442074	+	1	393	TTG	TAA	1	2	pORF_+_3441682
mORF_+_3441735	3441735	3441773	+	3	39	TTG	TGA	0	0	
mORF_+_3441761	3441761	3441826	+	2	66	GTG	TGA	0	0	
mORF_+_3441819	3441819	3441848	+	3	30	TTG	TAA	0	0	
mORF_+_3441848	3441848	3442093	+	2	246	ATG	TGA	0	0	
mORF_+_3442090	3442090	3442101	+	1	12	TTG	TAA	0	0	
mORF_+_3442108	3442108	3442161	+	1	54	TTG	TAG	0	0	
mORF_+_3442263	3442263	3442403	+	3	141	ATG	TGA	0	0	
mORF_+_3442455	3442455	3442460	+	3	6	TTG	TGA	0	0	
mORF_+_3442457	3442457	3442555	+	2	99	GTG	TAA	0	0	
mORF_+_3442524	3442524	3442646	+	3	123	TTG	TGA	0	0	

mORF_+_3442643	3442643	3443269	+	2	627	GTG	TAG	0	0
mORF_+_3442678	3442678	3442725	+	1	48	TTG	TAA	0	0
mORF_+_3442683	3442683	3442721	+	3	39	TTG	TGA	0	0
mORF_+_3442738	3442738	3442833	+	1	96	TTG	TAG	0	0
mORF_+_3442743	3442743	3442871	+	3	129	ATG	TAG	0	0
mORF_+_3442834	3442834	3442851	+	1	18	TTG	TGA	0	0
mORF_+_3442921	3442921	3442938	+	1	18	TTG	TGA	0	0
mORF_+_3442935	3442935	3442988	+	3	54	ATG	TGA	0	0
mORF_+_3443013	3443013	3443105	+	3	93	GTG	TAA	0	0
mORF_+_3443151	3443151	3443246	+	3	96	GTG	TGA	0	0
mORF_+_3443304	3443304	3443360	+	3	57	GTG	TGA	0	0
mORF_+_3443320	3443320	3443943	+	1	624	ATG	TGA	0	0
mORF_+_3443357	3443357	3443515	+	2	159	TTG	TAA	0	0
mORF_+_3443496	3443496	3443621	+	3	126	GTG	TAG	0	0
mORF_+_3443516	3443516	3443521	+	2	6	ATG	TGA	0	0
mORF_+_3443570	3443570	3443674	+	2	105	TTG	TAA	0	0
mORF_+_3443684	3443684	3443695	+	2	12	TTG	TAA	0	0
mORF_+_3443798	3443798	3443818	+	2	21	GTG	TGA	0	0
mORF_+_3443861	3443861	3443884	+	2	24	TTG	TAA	0	0
mORF_+_3443912	3443912	3443992	+	2	81	GTG	TAA	0	0
mORF_+_3443940	3443940	3444035	+	3	96	TTG	TAA	0	0
mORF_+_3444028	3444028	3444585	+	1	558	ATG	TGA	0	0
mORF_+_3444050	3444050	3444100	+	2	51	TTG	TGA	0	0
mORF_+_3444104	3444104	3444178	+	2	75	TTG	TAG	0	0
mORF_+_3444141	3444141	3444149	+	3	9	GTG	TAG	0	0
mORF_+_3444314	3444314	3444343	+	2	30	ATG	TGA	0	0
mORF_+_3444344	3444344	3444517	+	2	174	ATG	TGA	0	0
mORF_+_3444462	3444462	3444494	+	3	33	TTG	TGA	0	0
mORF_+_3444560	3444560	3444712	+	2	153	ATG	TGA	0	0
mORF_+_3444582	3444582	3444611	+	3	30	GTG	TAG	0	0
mORF_+_3444694	3444694	3444861	+	1	168	ATG	TAA	0	0
mORF_+_3444767	3444767	3444910	+	2	144	TTG	TAG	0	0
mORF_+_3444882	3444882	3444902	+	3	21	GTG	TAG	0	0
mORF_+_3444895	3444895	3445035	+	1	141	TTG	TAG	0	0
mORF_+_3445051	3445051	3445080	+	1	30	ATG	TAG	0	0
mORF_+_3445147	3445147	3445215	+	1	69	GTG	TAG	0	0
mORF_+_3445228	3445228	3445275	+	1	48	TTG	TGA	0	0
mORF_+_3445250	3445250	3445261	+	2	12	GTG	TGA	0	0
mORF_+_3445272	3445272	3445595	+	3	324	TTG	TGA	0	0
mORF_+_3445283	3445283	3445360	+	2	78	TTG	TGA	0	0
mORF_+_3445321	3445321	3445398	+	1	78	TTG	TAG	0	0
mORF_+_3445411	3445411	3445440	+	1	30	ATG	TAG	0	0
mORF_+_3445561	3445561	3445572	+	1	12	TTG	TGA	0	0
mORF_+_3445576	3445576	3445599	+	1	24	TTG	TAG	0	0
mORF_+_3445617	3445617	3445655	+	3	39	ATG	TGA	0	0
mORF_+_3445628	3445628	3445750	+	2	123	TTG	TAA	0	0
mORF_+_3445671	3445671	3446225	+	3	555	TTG	TAA	0	0
mORF_+_3445814	3445814	3445828	+	2	15	GTG	TAA	0	0
mORF_+_3445834	3445834	3446079	+	1	246	ATG	TAG	0	0
mORF_+_3446033	3446033	3446044	+	2	12	TTG	TGA	0	0
mORF_+_3446104	3446104	3446187	+	1	84	TTG	TAA	0	0
mORF_+_3446123	3446123	3446155	+	2	33	GTG	TAG	0	0
mORF_+_3446272	3446272	3446382	+	1	111	ATG	TAG	0	0
mORF_+_3446318	3446318	3446662	+	2	345	TTG	TGA	0	0
mORF_+_3446385	3446385	3446492	+	3	108	TTG	TAG	0	0
mORF_+_3446529	3446529	3446624	+	3	96	ATG	TAA	0	0
mORF_+_3446628	3446628	3446705	+	3	78	GTG	TGA	0	0
mORF_+_3446647	3446647	3446904	+	1	258	TTG	TGA	0	0
mORF_+_3446702	3446702	3446797	+	2	96	TTG	TAG	0	0
mORF_+_3446772	3446772	3447188	+	3	417	TTG	TAA	0	0
mORF_+_3446843	3446843	3446974	+	2	132	ATG	TGA	0	0
mORF_+_3446971	3446971	3447015	+	1	45	GTG	TGA	0	0
mORF_+_3447044	3447044	3447115	+	2	72	GTG	TAA	0	0

mORF_+_3447151	3447151	3447240	+	1	90	TTG	TGA	0	0	
mORF_+_3447170	3447170	3447235	+	2	66	TTG	TAG	0	0	
mORF_+_3447258	3447258	3447911	+	3	654	TTG	TAG	0	0	
mORF_+_3447295	3447295	3447330	+	1	36	TTG	TAA	0	0	
mORF_+_3447331	3447331	3447357	+	1	27	GTG	TAG	0	0	
mORF_+_3447361	3447361	3447540	+	1	180	ATG	TGA	0	0	
mORF_+_3447416	3447416	3447448	+	2	33	GTG	TAA	0	0	
mORF_+_3447482	3447482	3447508	+	2	27	TTG	TAG	0	0	
mORF_+_3447544	3447544	3447702	+	1	159	GTG	TGA	0	0	
mORF_+_3447566	3447566	3447604	+	2	39	TTG	TGA	0	0	
mORF_+_3447608	3447608	3447679	+	2	72	GTG	TAA	0	0	
mORF_+_3447703	3447703	3447786	+	1	84	ATG	TGA	0	0	
mORF_+_3447811	3447811	3447900	+	1	90	TTG	TGA	0	0	
mORF_+_3447854	3447854	3447886	+	2	33	ATG	TAG	0	0	
mORF_+_3447905	3447905	3448312	+	2	408	TTG	TAA	0	0	
mORF_+_3447945	3447945	3448145	+	3	201	GTG	TAG	0	0	
mORF_+_3447988	3447988	3448002	+	1	15	TTG	TAA	0	0	
mORF_+_3448300	3448300	3448437	+	1	138	GTG	TGA	0	0	
mORF_+_3448323	3448323	3448424	+	3	102	GTG	TAG	0	0	
mORF_+_3448340	3448340	3448345	+	2	6	TTG	TGA	0	0	
mORF_+_3448403	3448403	3449458	+	2	1056	ATG	TAA	0	0	
mORF_+_3448434	3448434	3448520	+	3	87	TTG	TAA	0	0	
mORF_+_3448507	3448507	3448590	+	1	84	GTG	TGA	0	0	
mORF_+_3448542	3448542	3448562	+	3	21	GTG	TAA	0	0	
mORF_+_3448569	3448569	3448637	+	3	69	TTG	TGA	0	0	
mORF_+_3448693	3448693	3448872	+	1	180	GTG	TGA	0	0	
mORF_+_3448797	3448797	3448877	+	3	81	TTG	TAA	0	0	
mORF_+_3448921	3448921	3448971	+	1	51	GTG	TAG	0	0	
mORF_+_3448983	3448983	3449039	+	3	57	ATG	TGA	0	0	
mORF_+_3449017	3449017	3449067	+	1	51	TTG	TAG	0	0	
mORF_+_3449076	3449076	3449081	+	3	6	ATG	TAA	0	0	
mORF_+_3449097	3449097	3449204	+	3	108	TTG	TAA	0	0	
mORF_+_3449211	3449211	3449231	+	3	21	TTG	TGA	0	0	
mORF_+_3449235	3449235	3449453	+	3	219	GTG	TGA	0	0	
mORF_+_3449359	3449359	3449376	+	1	18	ATG	TAA	0	0	
mORF_+_3449386	3449386	3449967	+	1	582	TTG	TGA	0	0	
mORF_+_3449528	3449528	3449731	+	2	204	GTG	TAA	0	0	
mORF_+_3449667	3449667	3450302	+	3	636	GTG	TAA	1	2	pORF_+_3449667
mORF_+_3449792	3449792	3449863	+	2	72	TTG	TGA	0	0	
mORF_+_3449903	3449903	3449917	+	2	15	GTG	TAG	0	0	
mORF_+_3449986	3449986	3450030	+	1	45	ATG	TGA	0	0	
mORF_+_3450088	3450088	3450174	+	1	87	TTG	TGA	0	0	
mORF_+_3450238	3450238	3450939	+	1	702	TTG	TAA	0	0	
mORF_+_3450308	3450308	3450433	+	2	126	TTG	TGA	0	0	
mORF_+_3450360	3450360	3450383	+	3	24	TTG	TAA	0	0	
mORF_+_3450473	3450473	3450508	+	2	36	TTG	TGA	0	0	
mORF_+_3450614	3450614	3450670	+	2	57	GTG	TGA	0	0	
mORF_+_3450677	3450677	3450805	+	2	129	GTG	TGA	0	0	
mORF_+_3450855	3450855	3450887	+	3	33	TTG	TAG	0	0	
mORF_+_3450902	3450902	3450994	+	2	93	GTG	TGA	0	0	
mORF_+_3450948	3450948	3450980	+	3	33	TTG	TGA	0	0	
mORF_+_3451055	3451055	3451123	+	2	69	TTG	TGA	0	0	
mORF_+_3451066	3451066	3451086	+	1	21	ATG	TGA	0	0	
mORF_+_3451083	3451083	3451319	+	3	237	GTG	TAA	0	0	
mORF_+_3451117	3451117	3451236	+	1	120	TTG	TGA	0	0	
mORF_+_3451160	3451160	3451294	+	2	135	GTG	TGA	0	0	
mORF_+_3451291	3451291	3451329	+	1	39	ATG	TGA	0	0	
mORF_+_3451326	3451326	3451355	+	3	30	ATG	TGA	0	0	
mORF_+_3451352	3451352	3451561	+	2	210	TTG	TGA	0	0	
mORF_+_3451363	3451363	3451368	+	1	6	GTG	TAA	0	0	
mORF_+_3451437	3451437	3451484	+	3	48	TTG	TAA	0	0	
mORF_+_3451503	3451503	3451517	+	3	15	TTG	TAA	0	0	
mORF_+_3451558	3451558	3451713	+	1	156	TTG	TAG	0	0	

mORF_+_3451691	3451691	3451705	+	2	15	GTG	TGA	0	0
mORF_+_3451713	3451713	3451724	+	3	12	GTG	TGA	0	0
mORF_+_3451718	3451718	3451732	+	2	15	GTG	TAA	0	0
mORF_+_3451725	3451725	3451790	+	3	66	TTG	TAG	0	0
mORF_+_3451756	3451756	3451905	+	1	150	GTG	TGA	0	0
mORF_+_3451875	3451875	3452216	+	3	342	GTG	TAA	0	0
mORF_+_3451948	3451948	3452004	+	1	57	ATG	TAA	0	0
mORF_+_3452035	3452035	3452043	+	1	9	ATG	TAA	0	0
mORF_+_3452077	3452077	3452169	+	1	93	GTG	TAA	0	0
mORF_+_3452216	3452216	3452260	+	2	45	ATG	TAA	0	0
mORF_+_3452290	3452290	3452430	+	1	141	ATG	TAA	0	0
mORF_+_3452292	3452292	3452336	+	3	45	GTG	TAG	0	0
mORF_+_3452372	3452372	3452413	+	2	42	TTG	TGA	0	0
mORF_+_3452391	3452391	3452576	+	3	186	ATG	TAG	0	0
mORF_+_3452560	3452560	3452631	+	1	72	ATG	TAA	0	0
mORF_+_3452681	3452681	3452746	+	2	66	ATG	TAA	0	0
mORF_+_3452758	3452758	3452799	+	1	42	TTG	TAA	0	0
mORF_+_3452763	3452763	3452771	+	3	9	TTG	TGA	0	0
mORF_+_3452768	3452768	3452914	+	2	147	GTG	TGA	0	0
mORF_+_3452808	3452808	3452936	+	3	129	TTG	TAA	0	0
mORF_+_3452899	3452899	3453159	+	1	261	TTG	TAA	0	0
mORF_+_3452924	3452924	3453037	+	2	114	ATG	TGA	0	0
mORF_+_3453057	3453057	3453113	+	3	57	TTG	TAA	0	0
mORF_+_3453080	3453080	3453091	+	2	12	ATG	TGA	0	0
mORF_+_3453160	3453160	3453273	+	1	114	TTG	TAA	0	0
mORF_+_3453237	3453237	3453278	+	3	42	ATG	TAA	0	0
mORF_+_3453289	3453289	3453360	+	1	72	ATG	TAG	0	0
mORF_+_3453370	3453370	3453444	+	1	75	TTG	TGA	0	0
mORF_+_3453441	3453441	3453482	+	3	42	TTG	TAA	0	0
mORF_+_3453466	3453466	3453486	+	1	21	ATG	TAA	0	0
mORF_+_3453470	3453470	3453505	+	2	36	ATG	TAA	0	0
mORF_+_3453513	3453513	3453539	+	3	27	TTG	TAA	0	0
mORF_+_3453517	3453517	3453666	+	1	150	TTG	TGA	0	0
mORF_+_3453524	3453524	3453589	+	2	66	ATG	TAG	0	0
mORF_+_3453600	3453600	3454415	+	3	816	GTG	TAA	0	0
mORF_+_3453700	3453700	3453705	+	1	6	ATG	TGA	0	0
mORF_+_3453733	3453733	3453822	+	1	90	ATG	TAA	0	0
mORF_+_3453794	3453794	3453802	+	2	9	ATG	TAA	0	0
mORF_+_3453826	3453826	3453873	+	1	48	ATG	TAG	0	0
mORF_+_3453880	3453880	3453924	+	1	45	ATG	TAA	0	0
mORF_+_3453928	3453928	3454005	+	1	78	ATG	TAA	0	0
mORF_+_3454018	3454018	3454053	+	1	36	TTG	TAA	0	0
mORF_+_3454108	3454108	3454176	+	1	69	ATG	TGA	0	0
mORF_+_3454195	3454195	3454260	+	1	66	ATG	TGA	0	0
mORF_+_3454270	3454270	3454290	+	1	21	ATG	TAA	0	0
mORF_+_3454312	3454312	3454353	+	1	42	GTG	TGA	0	0
mORF_+_3454357	3454357	3454386	+	1	30	ATG	TGA	0	0
mORF_+_3454387	3454387	3456351	+	1	1965	ATG	TGA	0	0
mORF_+_3454452	3454452	3454469	+	3	18	TTG	TGA	0	0
mORF_+_3454454	3454454	3454528	+	2	75	GTG	TAG	0	0
mORF_+_3454541	3454541	3454558	+	2	18	TTG	TGA	0	0
mORF_+_3454598	3454598	3454639	+	2	42	ATG	TAA	0	0
mORF_+_3454646	3454646	3454669	+	2	24	TTG	TGA	0	0
mORF_+_3454682	3454682	3454693	+	2	12	ATG	TGA	0	0
mORF_+_3454712	3454712	3454717	+	2	6	ATG	TAA	0	0
mORF_+_3454736	3454736	3454762	+	2	27	TTG	TAG	0	0
mORF_+_3454763	3454763	3454840	+	2	78	GTG	TGA	0	0
mORF_+_3454844	3454844	3454900	+	2	57	ATG	TGA	0	0
mORF_+_3454907	3454907	3454930	+	2	24	GTG	TGA	0	0
mORF_+_3454931	3454931	3454942	+	2	12	TTG	TAA	0	0
mORF_+_3454949	3454949	3455035	+	2	87	TTG	TAA	0	0
mORF_+_3455087	3455087	3455164	+	2	78	TTG	TGA	0	0
mORF_+_3455171	3455171	3455218	+	2	48	TTG	TGA	0	0

mORF_+_3455222	3455222	3455254	+	2	33	ATG	TAA	0	0	
mORF_+_3455258	3455258	3455275	+	2	18	GTG	TGA	0	0	
mORF_+_3455279	3455279	3455410	+	2	132	ATG	TAA	0	0	
mORF_+_3455411	3455411	3455488	+	2	78	TTG	TAA	0	0	
mORF_+_3455502	3455502	3455513	+	3	12	ATG	TAA	0	0	
mORF_+_3455519	3455519	3455746	+	2	228	TTG	TAA	0	0	
mORF_+_3455786	3455786	3455920	+	2	135	ATG	TAG	0	0	
mORF_+_3455939	3455939	3456103	+	2	165	TTG	TAG	0	0	
mORF_+_3456182	3456182	3456364	+	2	183	GTG	TGA	0	0	
mORF_+_3456348	3456348	3456530	+	3	183	GTG	TGA	0	0	
mORF_+_3456361	3456361	3457842	+	1	1482	ATG	TGA	1	3	pORF_+_3456361
mORF_+_3456410	3456410	3456511	+	2	102	TTG	TGA	0	0	
mORF_+_3456533	3456533	3456661	+	2	129	TTG	TGA	0	0	
mORF_+_3456662	3456662	3456694	+	2	33	ATG	TGA	0	0	
mORF_+_3456698	3456698	3456709	+	2	12	ATG	TGA	0	0	
mORF_+_3456710	3456710	3456937	+	2	228	GTG	TAG	0	0	
mORF_+_3456938	3456938	3457024	+	2	87	ATG	TGA	0	0	
mORF_+_3457205	3457205	3457237	+	2	33	ATG	TGA	0	0	
mORF_+_3457244	3457244	3457417	+	2	174	GTG	TGA	0	0	
mORF_+_3457503	3457503	3457559	+	3	57	GTG	TAA	0	0	
mORF_+_3457586	3457586	3457600	+	2	15	TTG	TAG	0	0	
mORF_+_3457611	3457611	3457694	+	3	84	TTG	TGA	0	0	
mORF_+_3457691	3457691	3457726	+	2	36	ATG	TAG	0	0	
mORF_+_3457757	3457757	3457774	+	2	18	ATG	TGA	0	0	
mORF_+_3457781	3457781	3457897	+	2	117	GTG	TGA	0	0	
mORF_+_3457839	3457839	3459035	+	3	1197	ATG	TAA	0	0	
mORF_+_3457870	3457870	3457986	+	1	117	ATG	TAA	0	0	
mORF_+_3458014	3458014	3458022	+	1	9	GTG	TGA	0	0	
mORF_+_3458083	3458083	3458091	+	1	9	TTG	TAA	0	0	
mORF_+_3458122	3458122	3458133	+	1	12	GTG	TAA	0	0	
mORF_+_3458155	3458155	3458229	+	1	75	TTG	TAA	0	0	
mORF_+_3458287	3458287	3458331	+	1	45	ATG	TGA	0	0	
mORF_+_3458362	3458362	3458373	+	1	12	TTG	TGA	0	0	
mORF_+_3458518	3458518	3458529	+	1	12	TTG	TAG	0	0	
mORF_+_3458575	3458575	3458613	+	1	39	ATG	TGA	0	0	
mORF_+_3458615	3458615	3458626	+	2	12	TTG	TAA	0	0	
mORF_+_3458686	3458686	3458694	+	1	9	ATG	TGA	0	0	
mORF_+_3458746	3458746	3458820	+	1	75	ATG	TGA	0	0	
mORF_+_3458983	3458983	3459027	+	1	45	TTG	TGA	0	0	
mORF_+_3459045	3459045	3459482	+	3	438	ATG	TAA	0	0	
mORF_+_3459118	3459118	3459144	+	1	27	TTG	TAA	0	0	
mORF_+_3459190	3459190	3459273	+	1	84	TTG	TAG	0	0	
mORF_+_3459358	3459358	3459465	+	1	108	ATG	TGA	0	0	
mORF_+_3459490	3459490	3459999	+	1	510	ATG	TGA	0	0	
mORF_+_3459578	3459578	3459649	+	2	72	ATG	TAG	0	0	
mORF_+_3459671	3459671	3459865	+	2	195	GTG	TGA	0	0	
mORF_+_3459708	3459708	3459794	+	3	87	ATG	TGA	0	0	
mORF_+_3459923	3459923	3459937	+	2	15	GTG	TGA	0	0	
mORF_+_3459957	3459957	3460373	+	3	417	ATG	TAA	0	0	
mORF_+_3460024	3460024	3460044	+	1	21	TTG	TGA	0	0	
mORF_+_3460060	3460060	3460068	+	1	9	TTG	TGA	0	0	
mORF_+_3460099	3460099	3460143	+	1	45	ATG	TAG	0	0	
mORF_+_3460136	3460136	3460150	+	2	15	GTG	TAA	0	0	
mORF_+_3460216	3460216	3460287	+	1	72	ATG	TAA	0	0	
mORF_+_3460226	3460226	3460345	+	2	120	GTG	TAA	0	0	
mORF_+_3460366	3460366	3460953	+	1	588	ATG	TAA	0	0	
mORF_+_3460538	3460538	3460900	+	2	363	TTG	TAG	0	0	
mORF_+_3460946	3460946	3461929	+	2	984	ATG	TAA	0	0	
mORF_+_3460953	3460953	3461027	+	3	75	ATG	TGA	0	0	
mORF_+_3461091	3461091	3461225	+	3	135	ATG	TGA	0	0	
mORF_+_3461227	3461227	3461259	+	1	33	GTG	TAA	0	0	
mORF_+_3461241	3461241	3461273	+	3	33	ATG	TAG	0	0	
mORF_+_3461328	3461328	3461339	+	3	12	GTG	TGA	0	0	

mORF_+_3461370	3461370	3461498	+	3	129	ATG	TGA	0	0	
mORF_+_3461559	3461559	3461609	+	3	51	ATG	TAA	0	0	
mORF_+_3461661	3461661	3461711	+	3	51	ATG	TAA	0	0	
mORF_+_3461718	3461718	3461759	+	3	42	ATG	TGA	0	0	
mORF_+_3461769	3461769	3461780	+	3	12	TTG	TGA	0	0	
mORF_+_3461854	3461854	3461883	+	1	30	ATG	TAA	0	0	
mORF_+_3461941	3461941	3463107	+	1	1167	GTG	TGA	0	0	
mORF_+_3461994	3461994	3462023	+	3	30	TTG	TAG	0	0	
mORF_+_3462086	3462086	3462109	+	2	24	GTG	TGA	0	0	
mORF_+_3462186	3462186	3462248	+	3	63	ATG	TAA	0	0	
mORF_+_3462239	3462239	3462271	+	2	33	TTG	TGA	0	0	
mORF_+_3462305	3462305	3462337	+	2	33	TTG	TGA	0	0	
mORF_+_3462353	3462353	3462379	+	2	27	ATG	TAG	0	0	
mORF_+_3462425	3462425	3462517	+	2	93	GTG	TAG	0	0	
mORF_+_3462504	3462504	3462563	+	3	60	TTG	TGA	0	0	
mORF_+_3462530	3462530	3462577	+	2	48	TTG	TGA	0	0	
mORF_+_3462596	3462596	3462652	+	2	57	TTG	TAA	0	0	
mORF_+_3462666	3462666	3462755	+	3	90	ATG	TAA	0	0	
mORF_+_3462716	3462716	3462937	+	2	222	TTG	TAA	0	0	
mORF_+_3462986	3462986	3463027	+	2	42	GTG	TAA	0	0	
mORF_+_3463073	3463073	3463090	+	2	18	GTG	TAA	0	0	
mORF_+_3463080	3463080	3463565	+	3	486	ATG	TAA	0	0	
mORF_+_3463115	3463115	3463258	+	2	144	ATG	TAA	0	0	
mORF_+_3463153	3463153	3463203	+	1	51	TTG	TGA	0	0	
mORF_+_3463225	3463225	3463410	+	1	186	TTG	TGA	0	0	
mORF_+_3463271	3463271	3463366	+	2	96	ATG	TGA	0	0	
mORF_+_3463483	3463483	3463623	+	1	141	TTG	TAA	0	0	
mORF_+_3463565	3463565	3464242	+	2	678	ATG	TAA	0	0	
mORF_+_3463596	3463596	3463670	+	3	75	TTG	TAA	0	0	
mORF_+_3463710	3463710	3463736	+	3	27	ATG	TGA	0	0	
mORF_+_3463741	3463741	3463845	+	1	105	TTG	TGA	0	0	
mORF_+_3463743	3463743	3463793	+	3	51	GTG	TGA	0	0	
mORF_+_3463836	3463836	3463928	+	3	93	GTG	TAA	0	0	
mORF_+_3463929	3463929	3463961	+	3	33	TTG	TAG	0	0	
mORF_+_3463968	3463968	3464006	+	3	39	ATG	TAG	0	0	
mORF_+_3463978	3463978	3464037	+	1	60	GTG	TGA	0	0	
mORF_+_3464034	3464034	3464093	+	3	60	GTG	TGA	0	0	
mORF_+_3464065	3464065	3464304	+	1	240	ATG	TAA	0	0	
mORF_+_3464103	3464103	3464165	+	3	63	TTG	TAA	0	0	
mORF_+_3464190	3464190	3464207	+	3	18	TTG	TGA	0	0	
mORF_+_3464291	3464291	3464404	+	2	114	GTG	TGA	0	0	
mORF_+_3464295	3464295	3464537	+	3	243	TTG	TAA	0	0	
mORF_+_3464435	3464435	3464629	+	2	195	TTG	TGA	0	0	
mORF_+_3464512	3464512	3464577	+	1	66	ATG	TAA	0	0	
mORF_+_3464586	3464586	3464783	+	3	198	GTG	TAG	1	2	pORF_+_3464586
mORF_+_3464602	3464602	3464613	+	1	12	ATG	TGA	0	0	
mORF_+_3464626	3464626	3464679	+	1	54	TTG	TGA	0	0	
mORF_+_3464680	3464680	3464721	+	1	42	TTG	TAA	0	0	
mORF_+_3464684	3464684	3464716	+	2	33	TTG	TGA	0	0	
mORF_+_3464773	3464773	3464799	+	1	27	TTG	TAA	0	0	
mORF_+_3464821	3464821	3464835	+	1	15	ATG	TAA	0	0	
mORF_+_3464904	3464904	3464945	+	3	42	TTG	TGA	0	0	
mORF_+_3464930	3464930	3465088	+	2	159	TTG	TAA	0	0	
mORF_+_3465045	3465045	3465107	+	3	63	ATG	TGA	0	0	
mORF_+_3465104	3465104	3465142	+	2	39	ATG	TGA	0	0	
mORF_+_3465117	3465117	3465134	+	3	18	ATG	TAG	0	0	
mORF_+_3465139	3465139	3465192	+	1	54	TTG	TAG	0	0	
mORF_+_3465149	3465149	3465301	+	2	153	ATG	TGA	0	0	
mORF_+_3465217	3465217	3465243	+	1	27	ATG	TAG	0	0	
mORF_+_3465273	3465273	3465371	+	3	99	GTG	TAG	0	0	
mORF_+_3465298	3465298	3465348	+	1	51	TTG	TGA	0	0	
mORF_+_3465411	3465411	3465515	+	3	105	GTG	TGA	0	0	
mORF_+_3465455	3465455	3465475	+	2	21	ATG	TGA	0	0	

mORF_+_3465472	3465472	3465681	+	1	210	GTG	TAG	0	0
mORF_+_3465476	3465476	3465700	+	2	225	ATG	TGA	0	0
mORF_+_3465516	3465516	3465545	+	3	30	ATG	TGA	0	0
mORF_+_3465609	3465609	3465758	+	3	150	TTG	TGA	0	0
mORF_+_3465751	3465751	3465801	+	1	51	ATG	TGA	0	0
mORF_+_3465771	3465771	3465827	+	3	57	GTG	TAA	0	0
mORF_+_3465830	3465830	3466345	+	2	516	ATG	TAA	0	0
mORF_+_3465879	3465879	3465950	+	3	72	TTG	TGA	0	0
mORF_+_3465982	3465982	3466032	+	1	51	ATG	TGA	0	0
mORF_+_3465996	3465996	3466049	+	3	54	GTG	TGA	0	0
mORF_+_3466105	3466105	3466251	+	1	147	GTG	TAA	0	0
mORF_+_3466155	3466155	3466229	+	3	75	TTG	TGA	0	0
mORF_+_3466233	3466233	3466238	+	3	6	ATG	TAG	0	0
mORF_+_3466320	3466320	3466328	+	3	9	TTG	TAG	0	0
mORF_+_3466365	3466365	3466436	+	3	72	TTG	TAA	0	0
mORF_+_3466382	3466382	3466870	+	2	489	TTG	TGA	0	0
mORF_+_3466479	3466479	3466559	+	3	81	GTG	TGA	0	0
mORF_+_3466483	3466483	3466650	+	1	168	ATG	TGA	0	0
mORF_+_3466599	3466599	3466694	+	3	96	ATG	TGA	0	0
mORF_+_3466732	3466732	3466779	+	1	48	ATG	TAG	0	0
mORF_+_3466740	3466740	3466805	+	3	66	TTG	TAA	0	0
mORF_+_3466815	3466815	3466832	+	3	18	TTG	TAA	0	0
mORF_+_3466867	3466867	3466881	+	1	15	ATG	TAA	0	0
mORF_+_3466894	3466894	3466989	+	1	96	GTG	TAA	0	0
mORF_+_3467029	3467029	3467148	+	1	120	TTG	TAA	0	0
mORF_+_3467130	3467130	3467144	+	3	15	ATG	TAG	0	0
mORF_+_3467155	3467155	3467160	+	1	6	ATG	TAG	0	0
mORF_+_3467199	3467199	3467231	+	3	33	TTG	TGA	0	0
mORF_+_3467206	3467206	3467250	+	1	45	TTG	TAA	0	0
mORF_+_3467257	3467257	3467340	+	1	84	GTG	TAG	0	0
mORF_+_3467359	3467359	3467403	+	1	45	ATG	TAG	0	0
mORF_+_3467364	3467364	3467465	+	3	102	TTG	TGA	0	0
mORF_+_3467514	3467514	3467630	+	3	117	GTG	TGA	0	0
mORF_+_3467521	3467521	3467532	+	1	12	GTG	TAG	0	0
mORF_+_3467560	3467560	3467634	+	1	75	ATG	TAA	0	0
mORF_+_3467647	3467647	3467676	+	1	30	TTG	TAG	0	0
mORF_+_3467677	3467677	3467715	+	1	39	TTG	TAG	0	0
mORF_+_3467745	3467745	3467765	+	3	21	TTG	TGA	0	0
mORF_+_3467780	3467780	3467869	+	2	90	TTG	TAA	0	0
mORF_+_3467794	3467794	3467850	+	1	57	ATG	TAG	0	0
mORF_+_3467885	3467885	3467890	+	2	6	TTG	TGA	0	0
mORF_+_3467887	3467887	3467895	+	1	9	GTG	TAA	0	0
mORF_+_3467955	3467955	3467963	+	3	9	ATG	TAA	0	0
mORF_+_3467999	3467999	3468034	+	2	36	ATG	TAA	0	0
mORF_+_3468036	3468036	3468047	+	3	12	ATG	TGA	0	0
mORF_+_3468044	3468044	3468052	+	2	9	TTG	TGA	0	0
mORF_+_3468049	3468049	3468060	+	1	12	TTG	TAA	0	0
mORF_+_3468063	3468063	3468155	+	3	93	ATG	TAA	0	0
mORF_+_3468100	3468100	3468159	+	1	60	ATG	TAA	0	0
mORF_+_3468113	3468113	3468166	+	2	54	ATG	TAA	0	0
mORF_+_3468223	3468223	3468270	+	1	48	TTG	TAA	0	0
mORF_+_3468257	3468257	3469495	+	2	1239	GTG	TAG	0	0
mORF_+_3468279	3468279	3468359	+	3	81	TTG	TAG	0	0
mORF_+_3468378	3468378	3468395	+	3	18	TTG	TGA	0	0
mORF_+_3468411	3468411	3468482	+	3	72	TTG	TGA	0	0
mORF_+_3468504	3468504	3468599	+	3	96	TTG	TGA	0	0
mORF_+_3468606	3468606	3468758	+	3	153	TTG	TAA	0	0
mORF_+_3468849	3468849	3468875	+	3	27	GTG	TGA	0	0
mORF_+_3468933	3468933	3468980	+	3	48	ATG	TGA	0	0
mORF_+_3468993	3468993	3469061	+	3	69	ATG	TGA	0	0
mORF_+_3469071	3469071	3469091	+	3	21	GTG	TAG	0	0
mORF_+_3469117	3469117	3469164	+	1	48	GTG	TGA	0	0
mORF_+_3469137	3469137	3469154	+	3	18	GTG	TGA	0	0

mORF_+_3469158	3469158	3469235	+	3	78	GTG	TAG	0	0
mORF_+_3469213	3469213	3469242	+	1	30	ATG	TAG	0	0
mORF_+_3469251	3469251	3469412	+	3	162	GTG	TAA	0	0
mORF_+_3469258	3469258	3469275	+	1	18	TTG	TAG	0	0
mORF_+_3469324	3469324	3469347	+	1	24	TTG	TAG	0	0
mORF_+_3469495	3469495	3469533	+	1	39	GTG	TGA	0	0
mORF_+_3469499	3469499	3469582	+	2	84	ATG	TAA	0	0
mORF_+_3469572	3469572	3469952	+	3	381	GTG	TGA	0	0
mORF_+_3469609	3469609	3469791	+	1	183	TTG	TAA	0	0
mORF_+_3469816	3469816	3469833	+	1	18	ATG	TAG	0	0
mORF_+_3469888	3469888	3469938	+	1	51	ATG	TAG	0	0
mORF_+_3469949	3469949	3469981	+	2	33	TTG	TAA	0	0
mORF_+_3469972	3469972	3469989	+	1	18	ATG	TGA	0	0
mORF_+_3469986	3469986	3471572	+	3	1587	ATG	TAA	0	0
mORF_+_3470104	3470104	3470445	+	1	342	TTG	TGA	0	0
mORF_+_3470468	3470468	3470509	+	2	42	GTG	TAA	0	0
mORF_+_3470569	3470569	3470610	+	1	42	TTG	TGA	0	0
mORF_+_3470579	3470579	3470653	+	2	75	GTG	TGA	0	0
mORF_+_3470623	3470623	3470685	+	1	63	GTG	TAA	0	0
mORF_+_3470675	3470675	3470728	+	2	54	ATG	TGA	0	0
mORF_+_3470719	3470719	3470778	+	1	60	TTG	TGA	0	0
mORF_+_3470791	3470791	3471153	+	1	363	TTG	TGA	0	0
mORF_+_3471146	3471146	3471253	+	2	108	TTG	TGA	0	0
mORF_+_3471229	3471229	3471408	+	1	180	ATG	TGA	0	0
mORF_+_3471326	3471326	3471334	+	2	9	ATG	TAG	0	0
mORF_+_3471392	3471392	3471460	+	2	69	TTG	TAG	0	0
mORF_+_3471436	3471436	3471441	+	1	6	GTG	TAG	0	0
mORF_+_3471463	3471463	3471510	+	1	48	GTG	TAG	0	0
mORF_+_3471512	3471512	3471559	+	2	48	GTG	TAG	0	0
mORF_+_3471517	3471517	3471576	+	1	60	ATG	TAG	0	0
mORF_+_3471612	3471612	3471635	+	3	24	GTG	TAA	0	0
mORF_+_3471645	3471645	3472046	+	3	402	GTG	TGA	0	0
mORF_+_3471647	3471647	3471700	+	2	54	GTG	TAA	0	0
mORF_+_3471658	3471658	3471681	+	1	24	TTG	TGA	0	0
mORF_+_3471712	3471712	3471849	+	1	138	TTG	TGA	0	0
mORF_+_3471803	3471803	3471856	+	2	54	TTG	TAG	0	0
mORF_+_3471920	3471920	3471982	+	2	63	ATG	TAG	0	0
mORF_+_3472084	3472084	3472122	+	1	39	ATG	TAA	0	0
mORF_+_3472097	3472097	3472153	+	2	57	GTG	TAG	0	0
mORF_+_3472116	3472116	3472577	+	3	462	TTG	TAA	0	0
mORF_+_3472228	3472228	3472293	+	1	66	TTG	TAA	0	0
mORF_+_3472357	3472357	3472362	+	1	6	TTG	TGA	0	0
mORF_+_3472375	3472375	3472380	+	1	6	ATG	TAG	0	0
mORF_+_3472453	3472453	3472581	+	1	129	GTG	TAG	0	0
mORF_+_3472496	3472496	3472564	+	2	69	ATG	TAA	0	0
mORF_+_3472568	3472568	3472594	+	2	27	TTG	TAG	0	0
mORF_+_3472598	3472598	3472639	+	2	42	TTG	TGA	0	0
mORF_+_3472636	3472636	3472728	+	1	93	ATG	TAA	0	0
mORF_+_3472671	3472671	3472754	+	3	84	GTG	TAG	0	0
mORF_+_3472721	3472721	3472903	+	2	183	GTG	TAA	0	0
mORF_+_3472758	3472758	3472784	+	3	27	ATG	TGA	0	0
mORF_+_3472833	3472833	3472862	+	3	30	ATG	TAG	0	0
mORF_+_3472963	3472963	3472989	+	1	27	GTG	TAA	0	0
mORF_+_3472970	3472970	3472975	+	2	6	ATG	TAA	0	0
mORF_+_3472977	3472977	3473039	+	3	63	GTG	TAA	0	0
mORF_+_3472979	3472979	3473011	+	2	33	GTG	TAA	0	0
mORF_+_3473020	3473020	3473175	+	1	156	TTG	TAA	0	0
mORF_+_3473078	3473078	3473161	+	2	84	GTG	TAA	0	0
mORF_+_3473202	3473202	3473264	+	3	63	TTG	TAA	0	0
mORF_+_3473264	3473264	3473329	+	2	66	ATG	TAG	0	0
mORF_+_3473316	3473316	3473432	+	3	117	ATG	TGA	0	0
mORF_+_3473437	3473437	3473601	+	1	165	TTG	TAG	0	0
mORF_+_3473528	3473528	3473641	+	2	114	ATG	TAA	0	0

mORF_+_3473645	3473645	3473788	+	2	144	ATG	TAG	0	0	
mORF_+_3473707	3473707	3474000	+	1	294	ATG	TGA	0	0	
mORF_+_3473727	3473727	3473774	+	3	48	ATG	TGA	0	0	
mORF_+_3473798	3473798	3473872	+	2	75	GTG	TAG	0	0	
mORF_+_3473897	3473897	3474166	+	2	270	TTG	TAG	0	0	
mORF_+_3473997	3473997	3474041	+	3	45	TTG	TAA	0	0	
mORF_+_3474202	3474202	3474216	+	1	15	GTG	TAG	0	0	
mORF_+_3474231	3474231	3474269	+	3	39	TTG	TAG	0	0	
mORF_+_3474256	3474256	3474285	+	1	30	ATG	TGA	0	0	
mORF_+_3474272	3474272	3474370	+	2	99	ATG	TAG	0	0	
mORF_+_3474307	3474307	3474348	+	1	42	GTG	TAA	0	0	
mORF_+_3474409	3474409	3474420	+	1	12	TTG	TAA	0	0	
mORF_+_3474440	3474440	3474520	+	2	81	TTG	TAA	0	0	
mORF_+_3474520	3474520	3474588	+	1	69	ATG	TAA	0	0	
mORF_+_3474625	3474625	3474639	+	1	15	ATG	TAG	0	0	
mORF_+_3474673	3474673	3474732	+	1	60	TTG	TAG	0	0	
mORF_+_3474739	3474739	3474789	+	1	51	GTG	TAA	0	0	
mORF_+_3474762	3474762	3474770	+	3	9	TTG	TAA	0	0	
mORF_+_3474795	3474795	3474890	+	3	96	TTG	TAA	0	0	
mORF_+_3474894	3474894	3474932	+	3	39	TTG	TAG	0	0	
mORF_+_3474961	3474961	3475227	+	1	267	GTG	TGA	0	0	
mORF_+_3475032	3475032	3475103	+	3	72	TTG	TGA	0	0	
mORF_+_3475133	3475133	3475138	+	2	6	TTG	TAG	0	0	
mORF_+_3475154	3475154	3475252	+	2	99	TTG	TAG	0	0	
mORF_+_3475167	3475167	3475193	+	3	27	TTG	TGA	0	0	
mORF_+_3475224	3475224	3475268	+	3	45	TTG	TAA	0	0	
mORF_+_3475288	3475288	3475320	+	1	33	GTG	TGA	0	0	
mORF_+_3475317	3475317	3475577	+	3	261	TTG	TAG	0	0	
mORF_+_3475354	3475354	3475377	+	1	24	TTG	TGA	0	0	
mORF_+_3475378	3475378	3475428	+	1	51	TTG	TAA	0	0	
mORF_+_3475385	3475385	3475435	+	2	51	ATG	TGA	0	0	
mORF_+_3475432	3475432	3475503	+	1	72	GTG	TAA	0	0	
mORF_+_3475508	3475508	3475597	+	2	90	TTG	TGA	0	0	
mORF_+_3475594	3475594	3475626	+	1	33	ATG	TAG	0	0	
mORF_+_3475598	3475598	3475735	+	2	138	GTG	TGA	0	0	
mORF_+_3475662	3475662	3475880	+	3	219	ATG	TGA	3	10	pORF_+_3475662
mORF_+_3475732	3475732	3475743	+	1	12	TTG	TGA	0	0	
mORF_+_3475762	3475762	3475806	+	1	45	ATG	TGA	0	0	
mORF_+_3475877	3475877	3476125	+	2	249	TTG	TGA	0	0	
mORF_+_3475912	3475912	3475932	+	1	21	TTG	TAG	0	0	
mORF_+_3475932	3475932	3476531	+	3	600	GTG	TGA	0	0	
mORF_+_3475951	3475951	3475992	+	1	42	TTG	TGA	0	0	
mORF_+_3476122	3476122	3476139	+	1	18	TTG	TGA	0	0	
mORF_+_3476149	3476149	3476175	+	1	27	ATG	TGA	0	0	
mORF_+_3476191	3476191	3476313	+	1	123	GTG	TGA	0	0	
mORF_+_3476350	3476350	3476367	+	1	18	TTG	TGA	0	0	
mORF_+_3476507	3476507	3476521	+	2	15	TTG	TGA	0	0	
mORF_+_3476518	3476518	3476589	+	1	72	ATG	TAG	0	0	
mORF_+_3476534	3476534	3476617	+	2	84	ATG	TAG	0	0	
mORF_+_3476556	3476556	3476561	+	3	6	TTG	TAG	0	0	
mORF_+_3476577	3476577	3476594	+	3	18	GTG	TAA	0	0	
mORF_+_3476623	3476623	3476754	+	1	132	ATG	TGA	0	0	
mORF_+_3476651	3476651	3476662	+	2	12	TTG	TGA	0	0	
mORF_+_3476675	3476675	3476695	+	2	21	TTG	TGA	0	0	
mORF_+_3476751	3476751	3476795	+	3	45	TTG	TAA	0	0	
mORF_+_3476808	3476808	3476954	+	3	147	TTG	TGA	0	0	
mORF_+_3476863	3476863	3477060	+	1	198	TTG	TAA	0	0	
mORF_+_3476951	3476951	3477013	+	2	63	ATG	TGA	0	0	
mORF_+_3477006	3477006	3477035	+	3	30	GTG	TGA	0	0	
mORF_+_3477023	3477023	3477289	+	2	267	ATG	TAA	0	0	
mORF_+_3477072	3477072	3477221	+	3	150	ATG	TAA	0	0	
mORF_+_3477115	3477115	3477261	+	1	147	ATG	TAA	0	0	
mORF_+_3477296	3477296	3477301	+	2	6	TTG	TAG	0	0	

mORF_+_3477353	3477353	3477394	+	2	42	ATG	TGA	0	0	
mORF_+_3477366	3477366	3477422	+	3	57	TTG	TGA	0	0	
mORF_+_3477419	3477419	3477637	+	2	219	ATG	TGA	0	0	
mORF_+_3477589	3477589	3477594	+	1	6	TTG	TGA	0	0	
mORF_+_3477591	3477591	3477605	+	3	15	GTG	TAG	0	0	
mORF_+_3477760	3477760	3477789	+	1	30	ATG	TGA	0	0	
mORF_+_3477782	3477782	3478036	+	2	255	TTG	TAG	0	0	
mORF_+_3477786	3477786	3477806	+	3	21	GTG	TAA	0	0	
mORF_+_3477859	3477859	3478032	+	1	174	ATG	TAA	0	0	
mORF_+_3477900	3477900	3477938	+	3	39	ATG	TAA	0	0	
mORF_+_3477942	3477942	3477980	+	3	39	ATG	TGA	0	0	
mORF_+_3478052	3478052	3478165	+	2	114	ATG	TGA	0	0	
mORF_+_3478099	3478099	3478134	+	1	36	ATG	TAA	0	0	
mORF_+_3478140	3478140	3478421	+	3	282	GTG	TGA	1	2	pORF_+_3478140
mORF_+_3478231	3478231	3478251	+	1	21	TTG	TGA	0	0	
mORF_+_3478268	3478268	3478729	+	2	462	ATG	TAA	1	2	pORF_+_3478268
mORF_+_3478384	3478384	3478611	+	1	228	TTG	TAA	0	0	
mORF_+_3478506	3478506	3478742	+	3	237	TTG	TAA	0	0	
mORF_+_3478729	3478729	3478806	+	1	78	ATG	TAG	0	0	
mORF_+_3478746	3478746	3478922	+	3	177	ATG	TAA	0	0	
mORF_+_3478849	3478849	3478965	+	1	117	GTG	TAG	0	0	
mORF_+_3478977	3478977	3479012	+	3	36	ATG	TAA	0	0	
mORF_+_3479012	3479012	3479038	+	2	27	ATG	TAA	0	0	
mORF_+_3479052	3479052	3479291	+	3	240	GTG	TAG	0	0	
mORF_+_3479080	3479080	3479133	+	1	54	TTG	TGA	0	0	
mORF_+_3479117	3479117	3479212	+	2	96	TTG	TAG	0	0	
mORF_+_3479203	3479203	3479286	+	1	84	TTG	TAA	0	0	
mORF_+_3479311	3479311	3481224	+	1	1914	ATG	TGA	19	36	pORF_+_3479311
mORF_+_3479315	3479315	3479452	+	2	138	TTG	TGA	0	0	
mORF_+_3479456	3479456	3479518	+	2	63	ATG	TGA	0	0	
mORF_+_3479511	3479511	3479567	+	3	57	GTG	TGA	0	0	
mORF_+_3479558	3479558	3479593	+	2	36	ATG	TAG	0	0	
mORF_+_3479639	3479639	3479752	+	2	114	TTG	TAA	0	0	
mORF_+_3479676	3479676	3479732	+	3	57	ATG	TGA	0	0	
mORF_+_3479753	3479753	3479803	+	2	51	GTG	TGA	0	0	
mORF_+_3479805	3479805	3479843	+	3	39	TTG	TAA	0	0	
mORF_+_3479858	3479858	3479887	+	2	30	ATG	TGA	0	0	
mORF_+_3479880	3479880	3479954	+	3	75	ATG	TAA	0	0	
mORF_+_3480011	3480011	3480079	+	2	69	TTG	TAG	0	0	
mORF_+_3480110	3480110	3480175	+	2	66	GTG	TAA	0	0	
mORF_+_3480176	3480176	3480250	+	2	75	TTG	TGA	0	0	
mORF_+_3480275	3480275	3480310	+	2	36	ATG	TGA	0	0	
mORF_+_3480332	3480332	3480343	+	2	12	TTG	TAG	0	0	
mORF_+_3480350	3480350	3480373	+	2	24	ATG	TAA	0	0	
mORF_+_3480389	3480389	3480514	+	2	126	GTG	TAG	0	0	
mORF_+_3480542	3480542	3480583	+	2	42	GTG	TAA	0	0	
mORF_+_3480608	3480608	3480640	+	2	33	GTG	TAA	0	0	
mORF_+_3480641	3480641	3480730	+	2	90	TTG	TAA	0	0	
mORF_+_3480737	3480737	3480868	+	2	132	TTG	TGA	0	0	
mORF_+_3480861	3480861	3480941	+	3	81	GTG	TAA	0	0	
mORF_+_3480917	3480917	3481033	+	2	117	ATG	TGA	0	0	
mORF_+_3481082	3481082	3481108	+	2	27	ATG	TGA	0	0	
mORF_+_3481155	3481155	3481193	+	3	39	GTG	TGA	0	0	
mORF_+_3481190	3481190	3481255	+	2	66	TTG	TGA	0	0	
mORF_+_3481224	3481224	3482246	+	3	1023	ATG	TGA	0	0	
mORF_+_3481246	3481246	3481347	+	1	102	ATG	TGA	0	0	
mORF_+_3481301	3481301	3481414	+	2	114	TTG	TGA	0	0	
mORF_+_3481393	3481393	3481542	+	1	150	TTG	TGA	0	0	
mORF_+_3481556	3481556	3481567	+	2	12	ATG	TGA	0	0	
mORF_+_3481564	3481564	3481752	+	1	189	GTG	TGA	0	0	
mORF_+_3481619	3481619	3481693	+	2	75	TTG	TAA	0	0	
mORF_+_3481753	3481753	3481836	+	1	84	TTG	TGA	0	0	
mORF_+_3481852	3481852	3481911	+	1	60	ATG	TAA	0	0	

mORF_+_3481930	3481930	3482019	+	1	90	GTG	TGA	0	0	
mORF_+_3481997	3481997	3482002	+	2	6	GTG	TAG	0	0	
mORF_+_3482137	3482137	3482217	+	1	81	ATG	TAA	0	0	
mORF_+_3482186	3482186	3482209	+	2	24	GTG	TGA	0	0	
mORF_+_3482240	3482240	3482458	+	2	219	ATG	TAA	1	6	pORF_+_3482240
mORF_+_3482251	3482251	3482292	+	1	42	GTG	TGA	0	0	
mORF_+_3482289	3482289	3482591	+	3	303	TTG	TAA	0	0	
mORF_+_3482380	3482380	3482484	+	1	105	GTG	TAA	0	0	
mORF_+_3482501	3482501	3482542	+	2	42	ATG	TAA	0	0	
mORF_+_3482512	3482512	3483381	+	1	870	ATG	TAA	7	24	pORF_+_3482512
mORF_+_3482615	3482615	3482920	+	2	306	ATG	TAG	0	0	
mORF_+_3482829	3482829	3482885	+	3	57	GTG	TGA	0	0	
mORF_+_3482939	3482939	3483007	+	2	69	TTG	TGA	0	0	
mORF_+_3482991	3482991	3483122	+	3	132	GTG	TAA	0	0	
mORF_+_3483188	3483188	3483205	+	2	18	ATG	TGA	0	0	
mORF_+_3483460	3483460	3483501	+	1	42	GTG	TGA	0	0	
mORF_+_3483566	3483566	3483661	+	2	96	GTG	TGA	0	0	
mORF_+_3483577	3483577	3483756	+	1	180	ATG	TGA	0	0	
mORF_+_3483603	3483603	3483926	+	3	324	GTG	TGA	0	0	
mORF_+_3483692	3483692	3483778	+	2	87	ATG	TGA	0	0	
mORF_+_3483778	3483778	3483810	+	1	33	ATG	TAA	0	0	
mORF_+_3483835	3483835	3483888	+	1	54	TTG	TAA	0	0	
mORF_+_3483920	3483920	3484135	+	2	216	ATG	TAA	0	0	
mORF_+_3483976	3483976	3483987	+	1	12	ATG	TAA	0	0	
mORF_+_3484008	3484008	3484295	+	3	288	ATG	TGA	0	0	
mORF_+_3484030	3484030	3484044	+	1	15	GTG	TGA	0	0	
mORF_+_3484142	3484142	3484774	+	2	633	ATG	TAA	51	572	pORF_+_3484142
mORF_+_3484180	3484180	3484209	+	1	30	ATG	TAA	0	0	
mORF_+_3484344	3484344	3484460	+	3	117	GTG	TGA	0	0	
mORF_+_3484396	3484396	3484422	+	1	27	ATG	TGA	0	0	
mORF_+_3484572	3484572	3484589	+	3	18	TTG	TGA	0	0	
mORF_+_3484659	3484659	3484706	+	3	48	TTG	TGA	0	0	
mORF_+_3484785	3484785	3484982	+	3	198	GTG	TGA	1	2	pORF_+_3484785
mORF_+_3484813	3484813	3486915	+	1	2103	TTG	TAA	0	0	
mORF_+_3484862	3484862	3484912	+	2	51	ATG	TAA	0	0	
mORF_+_3484916	3484916	3485014	+	2	99	TTG	TAA	0	0	
mORF_+_3485018	3485018	3485053	+	2	36	TTG	TGA	0	0	
mORF_+_3485075	3485075	3485098	+	2	24	ATG	TGA	0	0	
mORF_+_3485117	3485117	3485320	+	2	204	TTG	TAA	0	0	
mORF_+_3485277	3485277	3485336	+	3	60	TTG	TGA	0	0	
mORF_+_3485333	3485333	3485443	+	2	111	GTG	TAA	0	0	
mORF_+_3485349	3485349	3485354	+	3	6	TTG	TGA	0	0	
mORF_+_3485451	3485451	3485489	+	3	39	GTG	TAA	0	0	
mORF_+_3485603	3485603	3485884	+	2	282	ATG	TGA	0	0	
mORF_+_3485921	3485921	3485941	+	2	21	ATG	TGA	0	0	
mORF_+_3485951	3485951	3485962	+	2	12	TTG	TGA	0	0	
mORF_+_3486029	3486029	3486052	+	2	24	ATG	TGA	0	0	
mORF_+_3486056	3486056	3486061	+	2	6	TTG	TGA	0	0	
mORF_+_3486095	3486095	3486142	+	2	48	TTG	TGA	0	0	
mORF_+_3486249	3486249	3486368	+	3	120	GTG	TAA	0	0	
mORF_+_3486299	3486299	3486310	+	2	12	TTG	TAA	0	0	
mORF_+_3486311	3486311	3486388	+	2	78	TTG	TAG	0	0	
mORF_+_3486558	3486558	3486587	+	3	30	GTG	TGA	0	0	
mORF_+_3486581	3486581	3486604	+	2	24	TTG	TGA	0	0	
mORF_+_3486666	3486666	3486671	+	3	6	TTG	TGA	0	0	
mORF_+_3486668	3486668	3486823	+	2	156	GTG	TGA	0	0	
mORF_+_3486687	3486687	3486710	+	3	24	TTG	TGA	0	0	
mORF_+_3486852	3486852	3486971	+	3	120	ATG	TGA	0	0	
mORF_+_3486964	3486964	3487434	+	1	471	TTG	TAA	0	0	
mORF_+_3486971	3486971	3487225	+	2	255	ATG	TGA	0	0	
mORF_+_3487065	3487065	3487208	+	3	144	GTG	TAA	0	0	
mORF_+_3487271	3487271	3487351	+	2	81	ATG	TAG	0	0	
mORF_+_3487352	3487352	3487363	+	2	12	GTG	TGA	0	0	

mORF_+_3487397	3487397	3487474	+	2	78	GTG	TAG	0	0
mORF_+_3487474	3487474	3487539	+	1	66	GTG	TAA	0	0
mORF_+_3487478	3487478	3487483	+	2	6	ATG	TAA	0	0
mORF_+_3487539	3487539	3487685	+	3	147	ATG	TAA	0	0
mORF_+_3487546	3487546	3488004	+	1	459	ATG	TAA	0	0
mORF_+_3487643	3487643	3487648	+	2	6	GTG	TGA	0	0
mORF_+_3487697	3487697	3487780	+	2	84	ATG	TGA	0	0
mORF_+_3487737	3487737	3487763	+	3	27	TTG	TAA	0	0
mORF_+_3487805	3487805	3487825	+	2	21	TTG	TGA	0	0
mORF_+_3487845	3487845	3487856	+	3	12	GTG	TAA	0	0
mORF_+_3487877	3487877	3488089	+	2	213	GTG	TGA	0	0
mORF_+_3487914	3487914	3487961	+	3	48	TTG	TGA	0	0
mORF_+_3488023	3488023	3488262	+	1	240	ATG	TAA	0	0
mORF_+_3488175	3488175	3488180	+	3	6	GTG	TAA	0	0
mORF_+_3488181	3488181	3488237	+	3	57	TTG	TGA	0	0
mORF_+_3488234	3488234	3488245	+	2	12	GTG	TAA	0	0
mORF_+_3488255	3488255	3488443	+	2	189	ATG	TAA	0	0
mORF_+_3488274	3488274	3488318	+	3	45	ATG	TGA	0	0
mORF_+_3488443	3488443	3488487	+	1	45	ATG	TAA	0	0
mORF_+_3488468	3488468	3488704	+	2	237	ATG	TGA	0	0
mORF_+_3488488	3488488	3488532	+	1	45	GTG	TAA	0	0
mORF_+_3488544	3488544	3488606	+	3	63	TTG	TGA	0	0
mORF_+_3488560	3488560	3488658	+	1	99	TTG	TAA	0	0
mORF_+_3488701	3488701	3488709	+	1	9	GTG	TGA	0	0
mORF_+_3488706	3488706	3488807	+	3	102	ATG	TAG	0	0
mORF_+_3488717	3488717	3488920	+	2	204	TTG	TAA	0	0
mORF_+_3488719	3488719	3488727	+	1	9	GTG	TAA	0	0
mORF_+_3488850	3488850	3489320	+	3	471	ATG	TAA	0	0
mORF_+_3488914	3488914	3488964	+	1	51	TTG	TGA	0	0
mORF_+_3488933	3488933	3488941	+	2	9	GTG	TGA	0	0
mORF_+_3488951	3488951	3489094	+	2	144	TTG	TGA	0	0
mORF_+_3489091	3489091	3489105	+	1	15	TTG	TAG	0	0
mORF_+_3489187	3489187	3489207	+	1	21	TTG	TAA	0	0
mORF_+_3489346	3489346	3489378	+	1	33	ATG	TAA	0	0
mORF_+_3489409	3489409	3489447	+	1	39	ATG	TAA	0	0
mORF_+_3489487	3489487	3489516	+	1	30	GTG	TAA	0	0
mORF_+_3489536	3489536	3489580	+	2	45	GTG	TGA	0	0
mORF_+_3489619	3489619	3489657	+	1	39	TTG	TGA	0	0
mORF_+_3489629	3489629	3489646	+	2	18	GTG	TGA	0	0
mORF_+_3489660	3489660	3489788	+	3	129	GTG	TGA	0	0
mORF_+_3489668	3489668	3489682	+	2	15	TTG	TAA	0	0
mORF_+_3489728	3489728	3489763	+	2	36	TTG	TAG	0	0
mORF_+_3489785	3489785	3489934	+	2	150	TTG	TGA	0	0
mORF_+_3489816	3489816	3490214	+	3	399	ATG	TGA	0	0
mORF_+_3489853	3489853	3489885	+	1	33	ATG	TAA	0	0
mORF_+_3489931	3489931	3490083	+	1	153	TTG	TGA	0	0
mORF_+_3489974	3489974	3490030	+	2	57	GTG	TGA	0	0
mORF_+_3490031	3490031	3490069	+	2	39	TTG	TGA	0	0
mORF_+_3490099	3490099	3490110	+	1	12	ATG	TGA	0	0
mORF_+_3490117	3490117	3490128	+	1	12	GTG	TAA	0	0
mORF_+_3490201	3490201	3490332	+	1	132	ATG	TAA	0	0
mORF_+_3490217	3490217	3490315	+	2	99	TTG	TGA	0	0
mORF_+_3490230	3490230	3490370	+	3	141	GTG	TAA	0	0
mORF_+_3490425	3490425	3490430	+	3	6	ATG	TAA	0	0
mORF_+_3490453	3490453	3490473	+	1	21	GTG	TAA	0	0
mORF_+_3490475	3490475	3490501	+	2	27	ATG	TAA	0	0
mORF_+_3490559	3490559	3490576	+	2	18	ATG	TGA	0	0
mORF_+_3490573	3490573	3490593	+	1	21	TTG	TGA	0	0
mORF_+_3490590	3490590	3491771	+	3	1182	ATG	TAA	0	0
mORF_+_3490619	3490619	3490627	+	2	9	ATG	TAG	0	0
mORF_+_3490651	3490651	3490680	+	1	30	GTG	TGA	0	0
mORF_+_3490822	3490822	3490836	+	1	15	TTG	TGA	0	0
mORF_+_3490849	3490849	3490860	+	1	12	TTG	TGA	0	0

mORF_+_3490936	3490936	3490953	+	1	18	TTG	TAA	0	0	
mORF_+_3490963	3490963	3491028	+	1	66	ATG	TGA	0	0	
mORF_+_3491068	3491068	3491127	+	1	60	TTG	TGA	0	0	
mORF_+_3491072	3491072	3491140	+	2	69	GTG	TGA	0	0	
mORF_+_3491137	3491137	3491187	+	1	51	GTG	TAG	0	0	
mORF_+_3491198	3491198	3491281	+	2	84	GTG	TGA	0	0	
mORF_+_3491227	3491227	3491259	+	1	33	TTG	TAG	0	0	
mORF_+_3491284	3491284	3491304	+	1	21	ATG	TGA	0	0	
mORF_+_3491363	3491363	3491395	+	2	33	GTG	TGA	0	0	
mORF_+_3491392	3491392	3491412	+	1	21	TTG	TGA	0	0	
mORF_+_3491480	3491480	3491581	+	2	102	GTG	TAA	0	0	
mORF_+_3491584	3491584	3491592	+	1	9	TTG	TGA	0	0	
mORF_+_3491623	3491623	3491709	+	1	87	TTG	TGA	0	0	
mORF_+_3491711	3491711	3491752	+	2	42	GTG	TAA	0	0	
mORF_+_3491772	3491772	3491846	+	3	75	TTG	TAA	0	0	
mORF_+_3491858	3491858	3491902	+	2	45	TTG	TGA	0	0	
mORF_+_3491869	3491869	3491907	+	1	39	TTG	TAA	0	0	
mORF_+_3491955	3491955	3491990	+	3	36	GTG	TGA	0	0	
mORF_+_3491984	3491984	3491998	+	2	15	TTG	TAA	0	0	
mORF_+_3492033	3492033	3494576	+	3	2544	ATG	TGA	2	4	pORF_+_3492033
mORF_+_3492100	3492100	3492306	+	1	207	TTG	TGA	0	0	
mORF_+_3492337	3492337	3492348	+	1	12	ATG	TGA	0	0	
mORF_+_3492371	3492371	3492397	+	2	27	GTG	TGA	0	0	
mORF_+_3492412	3492412	3492501	+	1	90	TTG	TAG	0	0	
mORF_+_3492538	3492538	3492573	+	1	36	TTG	TGA	0	0	
mORF_+_3492586	3492586	3492912	+	1	327	TTG	TAG	0	0	
mORF_+_3492788	3492788	3492829	+	2	42	GTG	TAA	0	0	
mORF_+_3492875	3492875	3492946	+	2	72	ATG	TGA	0	0	
mORF_+_3492943	3492943	3493002	+	1	60	TTG	TGA	0	0	
mORF_+_3493030	3493030	3493110	+	1	81	TTG	TGA	0	0	
mORF_+_3493111	3493111	3493197	+	1	87	TTG	TGA	0	0	
mORF_+_3493273	3493273	3493338	+	1	66	GTG	TGA	0	0	
mORF_+_3493339	3493339	3493380	+	1	42	TTG	TGA	0	0	
mORF_+_3493411	3493411	3493443	+	1	33	GTG	TGA	0	0	
mORF_+_3493487	3493487	3493540	+	2	54	GTG	TGA	0	0	
mORF_+_3493498	3493498	3493530	+	1	33	TTG	TGA	0	0	
mORF_+_3493537	3493537	3493656	+	1	120	TTG	TGA	0	0	
mORF_+_3493592	3493592	3493597	+	2	6	TTG	TGA	0	0	
mORF_+_3493601	3493601	3493606	+	2	6	TTG	TAA	0	0	
mORF_+_3493753	3493753	3493776	+	1	24	GTG	TGA	0	0	
mORF_+_3493798	3493798	3493893	+	1	96	GTG	TGA	0	0	
mORF_+_3493894	3493894	3494055	+	1	162	TTG	TGA	0	0	
mORF_+_3493970	3493970	3494083	+	2	114	GTG	TGA	0	0	
mORF_+_3494062	3494062	3494169	+	1	108	GTG	TGA	0	0	
mORF_+_3494084	3494084	3494104	+	2	21	ATG	TAA	0	0	
mORF_+_3494150	3494150	3494158	+	2	9	TTG	TAA	0	0	
mORF_+_3494179	3494179	3494220	+	1	42	ATG	TGA	0	0	
mORF_+_3494288	3494288	3494341	+	2	54	GTG	TGA	0	0	
mORF_+_3494338	3494338	3494358	+	1	21	TTG	TGA	0	0	
mORF_+_3494392	3494392	3494553	+	1	162	GTG	TAA	0	0	
mORF_+_3494405	3494405	3494410	+	2	6	GTG	TGA	0	0	
mORF_+_3494411	3494411	3494419	+	2	9	GTG	TGA	0	0	
mORF_+_3494573	3494573	3494899	+	2	327	ATG	TAA	0	0	
mORF_+_3494581	3494581	3494607	+	1	27	GTG	TGA	0	0	
mORF_+_3494604	3494604	3494642	+	3	39	ATG	TAG	0	0	
mORF_+_3494643	3494643	3494747	+	3	105	GTG	TGA	0	0	
mORF_+_3494748	3494748	3494789	+	3	42	TTG	TGA	0	0	
mORF_+_3494770	3494770	3494907	+	1	138	GTG	TAA	0	0	
mORF_+_3494919	3494919	3495020	+	3	102	ATG	TAA	0	0	
mORF_+_3494932	3494932	3494979	+	1	48	TTG	TAA	0	0	
mORF_+_3494936	3494936	3494947	+	2	12	ATG	TAA	0	0	
mORF_+_3495025	3495025	3495831	+	1	807	ATG	TAA	0	0	
mORF_+_3495048	3495048	3495059	+	3	12	GTG	TAA	0	0	

mORF_+_3495050	3495050	3495157	+	2	108	GTG	TGA	0	0	
mORF_+_3495105	3495105	3495173	+	3	69	TTG	TAA	0	0	
mORF_+_3495218	3495218	3495232	+	2	15	TTG	TAA	0	0	
mORF_+_3495290	3495290	3495298	+	2	9	TTG	TAA	0	0	
mORF_+_3495327	3495327	3495359	+	3	33	GTG	TAA	0	0	
mORF_+_3495380	3495380	3495424	+	2	45	TTG	TAG	0	0	
mORF_+_3495494	3495494	3495631	+	2	138	GTG	TGA	0	0	
mORF_+_3495501	3495501	3495506	+	3	6	GTG	TAA	0	0	
mORF_+_3495516	3495516	3495548	+	3	33	TTG	TGA	0	0	
mORF_+_3495576	3495576	3495626	+	3	51	GTG	TAA	0	0	
mORF_+_3495689	3495689	3495712	+	2	24	TTG	TGA	0	0	
mORF_+_3495705	3495705	3495722	+	3	18	GTG	TAA	0	0	
mORF_+_3495734	3495734	3495838	+	2	105	GTG	TAA	0	0	
mORF_+_3495759	3495759	3495806	+	3	48	TTG	TAA	0	0	
mORF_+_3495850	3495850	3497223	+	1	1374	GTG	TAA	8	25	pORF_+_3495850
mORF_+_3495870	3495870	3495914	+	3	45	TTG	TGA	0	0	
mORF_+_3495899	3495899	3495946	+	2	48	TTG	TAG	0	0	
mORF_+_3495971	3495971	3495979	+	2	9	ATG	TAG	0	0	
mORF_+_3496002	3496002	3496046	+	3	45	ATG	TGA	0	0	
mORF_+_3496010	3496010	3496024	+	2	15	ATG	TAA	0	0	
mORF_+_3496043	3496043	3496222	+	2	180	TTG	TAG	0	0	
mORF_+_3496277	3496277	3496312	+	2	36	TTG	TAG	0	0	
mORF_+_3496367	3496367	3496471	+	2	105	GTG	TAA	0	0	
mORF_+_3496496	3496496	3496543	+	2	48	GTG	TGA	0	0	
mORF_+_3496577	3496577	3496618	+	2	42	ATG	TGA	0	0	
mORF_+_3496634	3496634	3496747	+	2	114	ATG	TGA	0	0	
mORF_+_3496751	3496751	3496915	+	2	165	GTG	TAA	0	0	
mORF_+_3496800	3496800	3497036	+	3	237	GTG	TGA	0	0	
mORF_+_3496937	3496937	3497002	+	2	66	GTG	TGA	0	0	
mORF_+_3497033	3497033	3497104	+	2	72	TTG	TGA	0	0	
mORF_+_3497105	3497105	3497149	+	2	45	TTG	TGA	0	0	
mORF_+_3497171	3497171	3497203	+	2	33	TTG	TGA	0	0	
mORF_+_3497257	3497257	3497292	+	1	36	ATG	TAG	0	0	
mORF_+_3497317	3497317	3497355	+	1	39	ATG	TAA	0	0	
mORF_+_3497432	3497432	3497446	+	2	15	ATG	TAA	0	0	
mORF_+_3497464	3497464	3497469	+	1	6	ATG	TAA	0	0	
mORF_+_3497470	3497470	3497637	+	1	168	ATG	TAA	0	0	
mORF_+_3497489	3497489	3497500	+	2	12	TTG	TAG	0	0	
mORF_+_3497501	3497501	3497521	+	2	21	GTG	TAA	0	0	
mORF_+_3497526	3497526	3497543	+	3	18	ATG	TGA	0	0	
mORF_+_3497540	3497540	3497659	+	2	120	TTG	TAA	0	0	
mORF_+_3497616	3497616	3497645	+	3	30	TTG	TGA	0	0	
mORF_+_3497671	3497671	3497766	+	1	96	TTG	TGA	0	0	
mORF_+_3497706	3497706	3497738	+	3	33	TTG	TAA	0	0	
mORF_+_3497714	3497714	3497755	+	2	42	ATG	TAA	0	0	
mORF_+_3497763	3497763	3497813	+	3	51	TTG	TGA	0	0	
mORF_+_3497798	3497798	3497833	+	2	36	GTG	TAA	0	0	
mORF_+_3497840	3497840	3497884	+	2	45	ATG	TGA	0	0	
mORF_+_3497857	3497857	3497880	+	1	24	ATG	TAA	0	0	
mORF_+_3497862	3497862	3498032	+	3	171	TTG	TGA	0	0	
mORF_+_3497881	3497881	3499269	+	1	1389	ATG	TAA	0	0	
mORF_+_3497909	3497909	3498094	+	2	186	TTG	TAA	0	0	
mORF_+_3498057	3498057	3498314	+	3	258	GTG	TAA	0	0	
mORF_+_3498095	3498095	3498100	+	2	6	TTG	TGA	0	0	
mORF_+_3498119	3498119	3498172	+	2	54	ATG	TGA	0	0	
mORF_+_3498176	3498176	3498289	+	2	114	ATG	TAA	0	0	
mORF_+_3498368	3498368	3498397	+	2	30	TTG	TAA	0	0	
mORF_+_3498434	3498434	3498583	+	2	150	TTG	TGA	0	0	
mORF_+_3498546	3498546	3498596	+	3	51	TTG	TAA	0	0	
mORF_+_3498629	3498629	3498679	+	2	51	TTG	TGA	0	0	
mORF_+_3498779	3498779	3498799	+	2	21	TTG	TGA	0	0	
mORF_+_3498809	3498809	3498832	+	2	24	TTG	TGA	0	0	
mORF_+_3498885	3498885	3499061	+	3	177	ATG	TAA	0	0	

mORF_+_3498896	3498896	3499012	+	2	117	ATG	TGA	0	0	
mORF_+_3499083	3499083	3499244	+	3	162	GTG	TAG	0	0	
mORF_+_3499124	3499124	3499288	+	2	165	TTG	TAA	0	0	
mORF_+_3499269	3499269	3500312	+	3	1044	ATG	TAA	0	0	
mORF_+_3499300	3499300	3499410	+	1	111	TTG	TGA	0	0	
mORF_+_3499420	3499420	3499578	+	1	159	TTG	TAA	0	0	
mORF_+_3499568	3499568	3499591	+	2	24	TTG	TGA	0	0	
mORF_+_3499579	3499579	3499614	+	1	36	TTG	TAA	0	0	
mORF_+_3499711	3499711	3499779	+	1	69	TTG	TGA	0	0	
mORF_+_3499843	3499843	3499920	+	1	78	ATG	TGA	0	0	
mORF_+_3499910	3499910	3500017	+	2	108	GTG	TGA	0	0	
mORF_+_3499930	3499930	3499977	+	1	48	TTG	TAA	0	0	
mORF_+_3500014	3500014	3500154	+	1	141	TTG	TGA	0	0	
mORF_+_3500195	3500195	3500278	+	2	84	GTG	TGA	0	0	
mORF_+_3500275	3500275	3501192	+	1	918	ATG	TGA	0	0	
mORF_+_3500405	3500405	3500494	+	2	90	TTG	TAA	0	0	
mORF_+_3500457	3500457	3500588	+	3	132	TTG	TAA	0	0	
mORF_+_3500603	3500603	3500635	+	2	33	ATG	TGA	0	0	
mORF_+_3500723	3500723	3500755	+	2	33	ATG	TAA	0	0	
mORF_+_3500763	3500763	3500768	+	3	6	GTG	TGA	0	0	
mORF_+_3500765	3500765	3500797	+	2	33	GTG	TAA	0	0	
mORF_+_3500819	3500819	3500938	+	2	120	ATG	TGA	0	0	
mORF_+_3500835	3500835	3500840	+	3	6	GTG	TAA	0	0	
mORF_+_3500907	3500907	3500966	+	3	60	TTG	TAA	0	0	
mORF_+_3500984	3500984	3501055	+	2	72	TTG	TGA	0	0	
mORF_+_3501068	3501068	3501109	+	2	42	TTG	TGA	0	0	
mORF_+_3501137	3501137	3501217	+	2	81	ATG	TAA	0	0	
mORF_+_3501189	3501189	3501974	+	3	786	ATG	TAG	0	0	
mORF_+_3501265	3501265	3501357	+	1	93	ATG	TGA	0	0	
mORF_+_3501314	3501314	3501334	+	2	21	ATG	TGA	0	0	
mORF_+_3501394	3501394	3501483	+	1	90	ATG	TGA	0	0	
mORF_+_3501493	3501493	3501501	+	1	9	TTG	TGA	0	0	
mORF_+_3501502	3501502	3501717	+	1	216	GTG	TGA	0	0	
mORF_+_3501629	3501629	3501772	+	2	144	GTG	TGA	0	0	
mORF_+_3501730	3501730	3501756	+	1	27	TTG	TGA	0	0	
mORF_+_3501757	3501757	3501831	+	1	75	TTG	TGA	0	0	
mORF_+_3501850	3501850	3501903	+	1	54	GTG	TGA	0	0	
mORF_+_3501881	3501881	3501991	+	2	111	TTG	TGA	0	0	
mORF_+_3501964	3501964	3502251	+	1	288	GTG	TAG	0	0	
mORF_+_3502008	3502008	3502805	+	3	798	GTG	TAA	2	5	pORF_+_3502008
mORF_+_3502196	3502196	3502210	+	2	15	TTG	TAA	0	0	
mORF_+_3502294	3502294	3502389	+	1	96	TTG	TGA	0	0	
mORF_+_3502421	3502421	3502489	+	2	69	TTG	TAA	0	0	
mORF_+_3502504	3502504	3502671	+	1	168	TTG	TGA	0	0	
mORF_+_3502514	3502514	3502540	+	2	27	ATG	TGA	0	0	
mORF_+_3502664	3502664	3502720	+	2	57	ATG	TGA	0	0	
mORF_+_3502717	3502717	3502782	+	1	66	TTG	TAA	0	0	
mORF_+_3502786	3502786	3502941	+	1	156	TTG	TGA	0	0	
mORF_+_3502845	3502845	3502859	+	3	15	ATG	TGA	0	0	
mORF_+_3502856	3502856	3502891	+	2	36	TTG	TAA	0	0	
mORF_+_3502938	3502938	3503024	+	3	87	TTG	TAA	0	0	
mORF_+_3503024	3503024	3503086	+	2	63	ATG	TAA	0	0	
mORF_+_3503038	3503038	3503046	+	1	9	ATG	TGA	0	0	
mORF_+_3503047	3503047	3503454	+	1	408	TTG	TAG	0	0	
mORF_+_3503049	3503049	3503222	+	3	174	GTG	TAG	0	0	
mORF_+_3503352	3503352	3503405	+	3	54	GTG	TGA	0	0	
mORF_+_3503387	3503387	3503527	+	2	141	GTG	TAG	0	0	
mORF_+_3503469	3503469	3503684	+	3	216	ATG	TGA	0	0	
mORF_+_3503528	3503528	3503593	+	2	66	TTG	TAG	0	0	
mORF_+_3503617	3503617	3503919	+	1	303	ATG	TAA	0	0	
mORF_+_3503681	3503681	3503743	+	2	63	TTG	TAA	0	0	
mORF_+_3503730	3503730	3503783	+	3	54	GTG	TGA	0	0	
mORF_+_3503780	3503780	3503854	+	2	75	TTG	TGA	0	0	

mORF_+_3503847	3503847	3503891	+	3	45	GTG	TAA	0	0	
mORF_+_3503959	3503959	3504057	+	1	99	ATG	TAA	0	0	
mORF_+_3503969	3503969	3504109	+	2	141	ATG	TGA	0	0	
mORF_+_3504045	3504045	3504380	+	3	336	GTG	TAA	0	0	
mORF_+_3504106	3504106	3504177	+	1	72	GTG	TAA	0	0	
mORF_+_3504128	3504128	3504169	+	2	42	GTG	TGA	0	0	
mORF_+_3504178	3504178	3504207	+	1	30	ATG	TAA	0	0	
mORF_+_3504221	3504221	3504367	+	2	147	TTG	TAA	0	0	
mORF_+_3504271	3504271	3504315	+	1	45	ATG	TAG	0	0	
mORF_+_3504328	3504328	3504414	+	1	87	TTG	TAG	0	0	
mORF_+_3504461	3504461	3504511	+	2	51	TTG	TAA	0	0	
mORF_+_3504472	3504472	3504531	+	1	60	GTG	TGA	0	0	
mORF_+_3504543	3504543	3504674	+	3	132	TTG	TAA	0	0	
mORF_+_3504575	3504575	3504592	+	2	18	ATG	TGA	0	0	
mORF_+_3504589	3504589	3504669	+	1	81	GTG	TAG	0	0	
mORF_+_3504647	3504647	3504682	+	2	36	ATG	TGA	0	0	
mORF_+_3504679	3504679	3504750	+	1	72	TTG	TGA	0	0	
mORF_+_3504689	3504689	3504799	+	2	111	GTG	TAA	0	0	
mORF_+_3504747	3504747	3504944	+	3	198	ATG	TGA	0	0	
mORF_+_3504790	3504790	3504837	+	1	48	ATG	TAG	0	0	
mORF_+_3504827	3504827	3505033	+	2	207	GTG	TAA	0	0	
mORF_+_3505127	3505127	3505135	+	2	9	ATG	TGA	0	0	
mORF_+_3505132	3505132	3505233	+	1	102	TTG	TAG	0	0	
mORF_+_3505245	3505245	3505520	+	3	276	TTG	TAG	0	0	
mORF_+_3505264	3505264	3505275	+	1	12	ATG	TGA	0	0	
mORF_+_3505307	3505307	3505339	+	2	33	ATG	TAA	0	0	
mORF_+_3505363	3505363	3505386	+	1	24	GTG	TAA	0	0	
mORF_+_3505379	3505379	3505699	+	2	321	ATG	TAA	0	0	
mORF_+_3505533	3505533	3505583	+	3	51	ATG	TAA	0	0	
mORF_+_3505546	3505546	3505638	+	1	93	ATG	TGA	0	0	
mORF_+_3505623	3505623	3505634	+	3	12	ATG	TGA	0	0	
mORF_+_3505635	3505635	3505766	+	3	132	ATG	TAA	0	0	
mORF_+_3505809	3505809	3505829	+	3	21	TTG	TAG	0	0	
mORF_+_3505822	3505822	3505836	+	1	15	GTG	TAG	0	0	
mORF_+_3505855	3505855	3505935	+	1	81	TTG	TGA	0	0	
mORF_+_3505866	3505866	3505928	+	3	63	ATG	TAG	0	0	
mORF_+_3505932	3505932	3506099	+	3	168	ATG	TAG	1	3	pORF_+_3505932
mORF_+_3505975	3505975	3506058	+	1	84	TTG	TGA	0	0	
mORF_+_3506065	3506065	3506364	+	1	300	GTG	TAA	0	0	
mORF_+_3506109	3506109	3506756	+	3	648	TTG	TGA	1	2	pORF_+_3506109
mORF_+_3506386	3506386	3506442	+	1	57	TTG	TAA	0	0	
mORF_+_3506446	3506446	3506520	+	1	75	TTG	TGA	0	0	
mORF_+_3506539	3506539	3506592	+	1	54	TTG	TAA	0	0	
mORF_+_3506660	3506660	3507271	+	2	612	TTG	TAA	0	0	
mORF_+_3506662	3506662	3506697	+	1	36	GTG	TAG	0	0	
mORF_+_3506802	3506802	3506822	+	3	21	ATG	TGA	0	0	
mORF_+_3506914	3506914	3506970	+	1	57	GTG	TAA	0	0	
mORF_+_3506955	3506955	3507056	+	3	102	ATG	TAA	0	0	
mORF_+_3507060	3507060	3507155	+	3	96	TTG	TAG	0	0	
mORF_+_3507097	3507097	3507210	+	1	114	TTG	TGA	0	0	
mORF_+_3507180	3507180	3507188	+	3	9	TTG	TAA	0	0	
mORF_+_3507207	3507207	3507260	+	3	54	TTG	TGA	0	0	
mORF_+_3507283	3507283	3507288	+	1	6	ATG	TAA	0	0	
mORF_+_3507288	3507288	3507383	+	3	96	ATG	TAG	0	0	
mORF_+_3507337	3507337	3507375	+	1	39	TTG	TAA	0	0	
mORF_+_3507432	3507432	3507572	+	3	141	TTG	TGA	0	0	
mORF_+_3507446	3507446	3507493	+	2	48	TTG	TAA	0	0	
mORF_+_3507493	3507493	3507582	+	1	90	ATG	TAA	0	0	
mORF_+_3507572	3507572	3507637	+	2	66	ATG	TGA	0	0	
mORF_+_3507625	3507625	3507675	+	1	51	TTG	TGA	0	0	
mORF_+_3507672	3507672	3507734	+	3	63	TTG	TGA	0	0	
mORF_+_3507697	3507697	3507777	+	1	81	TTG	TGA	0	0	
mORF_+_3507710	3507710	3507817	+	2	108	ATG	TAA	0	0	

mORF_+_3507774	3507774	3507932	+	3	159	GTG	TGA	0	0	
mORF_+_3507787	3507787	3508161	+	1	375	TTG	TAA	0	0	
mORF_+_3507929	3507929	3508006	+	2	78	GTG	TAG	0	0	
mORF_+_3508031	3508031	3508057	+	2	27	TTG	TGA	0	0	
mORF_+_3508203	3508203	3508214	+	3	12	TTG	TAG	0	0	
mORF_+_3508214	3508214	3508231	+	2	18	GTG	TGA	0	0	
mORF_+_3508228	3508228	3508269	+	1	42	ATG	TAA	0	0	
mORF_+_3508269	3508269	3508430	+	3	162	ATG	TAA	0	0	
mORF_+_3508280	3508280	3508342	+	2	63	GTG	TGA	0	0	
mORF_+_3508309	3508309	3508440	+	1	132	TTG	TAA	0	0	
mORF_+_3508361	3508361	3508366	+	2	6	GTG	TGA	0	0	
mORF_+_3508441	3508441	3508773	+	1	333	ATG	TAA	1	14	pORF_+_3508441
mORF_+_3508490	3508490	3508522	+	2	33	TTG	TAA	0	0	
mORF_+_3508607	3508607	3508666	+	2	60	TTG	TGA	0	0	
mORF_+_3508724	3508724	3508744	+	2	21	ATG	TAA	0	0	
mORF_+_3508757	3508757	3508768	+	2	12	ATG	TAG	0	0	
mORF_+_3508773	3508773	3509024	+	3	252	ATG	TGA	0	0	
mORF_+_3508817	3508817	3508846	+	2	30	TTG	TAA	0	0	
mORF_+_3508925	3508925	3509029	+	2	105	TTG	TAA	0	0	
mORF_+_3509042	3509042	3509053	+	2	12	TTG	TAG	0	0	
mORF_+_3509055	3509055	3509111	+	3	57	TTG	TAA	0	0	
mORF_+_3509057	3509057	3509098	+	2	42	GTG	TAG	0	0	
mORF_+_3509122	3509122	3509136	+	1	15	TTG	TAG	0	0	
mORF_+_3509162	3509162	3509368	+	2	207	GTG	TGA	0	0	
mORF_+_3509187	3509187	3509621	+	3	435	ATG	TGA	0	0	
mORF_+_3509365	3509365	3509601	+	1	237	TTG	TAA	0	0	
mORF_+_3509450	3509450	3509464	+	2	15	ATG	TAA	0	0	
mORF_+_3509591	3509591	3509725	+	2	135	GTG	TGA	0	0	
mORF_+_3509710	3509710	3509715	+	1	6	TTG	TAA	0	0	
mORF_+_3509722	3509722	3509904	+	1	183	GTG	TAA	0	0	
mORF_+_3509777	3509777	3509788	+	2	12	ATG	TGA	0	0	
mORF_+_3509826	3509826	3509918	+	3	93	TTG	TGA	0	0	
mORF_+_3509873	3509873	3509923	+	2	51	GTG	TAA	0	0	
mORF_+_3509911	3509911	3509937	+	1	27	TTG	TAG	0	0	
mORF_+_3509954	3509954	3510016	+	2	63	ATG	TAG	0	0	
mORF_+_3510007	3510007	3510204	+	1	198	GTG	TGA	0	0	
mORF_+_3510026	3510026	3510082	+	2	57	ATG	TAG	0	0	
mORF_+_3510093	3510093	3510113	+	3	21	TTG	TGA	0	0	
mORF_+_3510107	3510107	3510124	+	2	18	TTG	TGA	0	0	
mORF_+_3510132	3510132	3510329	+	3	198	ATG	TGA	0	0	
mORF_+_3510137	3510137	3510160	+	2	24	TTG	TAA	0	0	
mORF_+_3510167	3510167	3510313	+	2	147	TTG	TAA	0	0	
mORF_+_3510326	3510326	3510382	+	2	57	GTG	TAA	0	0	
mORF_+_3510384	3510384	3510626	+	3	243	TTG	TGA	0	0	
mORF_+_3510434	3510434	3510538	+	2	105	GTG	TGA	0	0	
mORF_+_3510538	3510538	3510651	+	1	114	ATG	TAG	0	0	
mORF_+_3510575	3510575	3510592	+	2	18	ATG	TAG	0	0	
mORF_+_3510623	3510623	3510700	+	2	78	ATG	TAG	0	0	
mORF_+_3510639	3510639	3510785	+	3	147	TTG	TGA	0	0	
mORF_+_3510713	3510713	3510910	+	2	198	GTG	TGA	0	0	
mORF_+_3510858	3510858	3510959	+	3	102	TTG	TAG	0	0	
mORF_+_3510987	3510987	3511244	+	3	258	GTG	TGA	0	0	
mORF_+_3511202	3511202	3511390	+	2	189	GTG	TAA	0	0	
mORF_+_3511254	3511254	3511280	+	3	27	ATG	TAG	0	0	
mORF_+_3511296	3511296	3511313	+	3	18	TTG	TAA	0	0	
mORF_+_3511341	3511341	3511364	+	3	24	ATG	TAG	0	0	
mORF_+_3511378	3511378	3511521	+	1	144	GTG	TGA	0	0	
mORF_+_3511397	3511397	3511624	+	2	228	ATG	TGA	0	0	
mORF_+_3511425	3511425	3511547	+	3	123	ATG	TAA	0	0	
mORF_+_3511548	3511548	3511559	+	3	12	ATG	TAG	0	0	
mORF_+_3511569	3511569	3511583	+	3	15	ATG	TGA	0	0	
mORF_+_3511596	3511596	3511601	+	3	6	ATG	TAG	0	0	
mORF_+_3511608	3511608	3511697	+	3	90	ATG	TAA	0	0	

mORF+_3511630	3511630	3511641	+	1	12	GTG	TAA	0	0
mORF+_3511697	3511697	3511720	+	2	24	ATG	TAG	0	0
mORF+_3511793	3511793	3511951	+	2	159	ATG	TGA	0	0
mORF+_3511828	3511828	3512109	+	1	282	TTG	TAG	0	0
mORF+_3511857	3511857	3511892	+	3	36	TTG	TAA	0	0
mORF+_3511905	3511905	3511970	+	3	66	ATG	TAA	0	0
mORF+_3512067	3512067	3512450	+	3	384	GTG	TGA	0	0
mORF+_3512158	3512158	3512199	+	1	42	ATG	TGA	0	0
mORF+_3512186	3512186	3512272	+	2	87	TTG	TAA	0	0
mORF+_3512410	3512410	3512562	+	1	153	ATG	TAG	0	0
mORF+_3512447	3512447	3512461	+	2	15	ATG	TAG	0	0
mORF+_3512478	3512478	3512633	+	3	156	TTG	TGA	0	0
mORF+_3512528	3512528	3512626	+	2	99	ATG	TGA	0	0
mORF+_3512623	3512623	3513057	+	1	435	TTG	TGA	0	0
mORF+_3512630	3512630	3512641	+	2	12	ATG	TGA	0	0
mORF+_3512657	3512657	3512701	+	2	45	TTG	TAA	0	0
mORF+_3512718	3512718	3512732	+	3	15	GTG	TAA	0	0
mORF+_3512777	3512777	3512809	+	2	33	GTG	TGA	0	0
mORF+_3512816	3512816	3512908	+	2	93	ATG	TAG	0	0
mORF+_3512931	3512931	3512972	+	3	42	TTG	TGA	0	0
mORF+_3512948	3512948	3512959	+	2	12	TTG	TAG	0	0
mORF+_3512969	3512969	3513202	+	2	234	ATG	TGA	0	0
mORF+_3513012	3513012	3513095	+	3	84	TTG	TGA	0	0
mORF+_3513130	3513130	3513225	+	1	96	TTG	TGA	0	0
mORF+_3513207	3513207	3513242	+	3	36	ATG	TAA	0	0
mORF+_3513215	3513215	3513334	+	2	120	TTG	TAA	0	0
mORF+_3513252	3513252	3513602	+	3	351	GTG	TAA	0	0
mORF+_3513256	3513256	3513348	+	1	93	TTG	TGA	0	0
mORF+_3513341	3513341	3513358	+	2	18	TTG	TAA	0	0
mORF+_3513361	3513361	3513387	+	1	27	TTG	TAA	0	0
mORF+_3513380	3513380	3513544	+	2	165	GTG	TAA	0	0
mORF+_3513430	3513430	3513444	+	1	15	ATG	TAA	0	0
mORF+_3513520	3513520	3513525	+	1	6	TTG	TAG	0	0
mORF+_3513559	3513559	3513564	+	1	6	TTG	TAA	0	0
mORF+_3513577	3513577	3513582	+	1	6	TTG	TAA	0	0
mORF+_3513637	3513637	3513660	+	1	24	TTG	TGA	0	0
mORF+_3513680	3513680	3513757	+	2	78	TTG	TGA	0	0
mORF+_3513742	3513742	3513750	+	1	9	ATG	TAG	0	0
mORF+_3513769	3513769	3513789	+	1	21	TTG	TAA	0	0
mORF+_3513802	3513802	3513948	+	1	147	GTG	TAA	0	0
mORF+_3513864	3513864	3513944	+	3	81	ATG	TAA	0	0
mORF+_3513966	3513966	3514118	+	3	153	GTG	TAG	0	0
mORF+_3514091	3514091	3514183	+	2	93	TTG	TGA	0	0
mORF+_3514250	3514250	3514258	+	2	9	TTG	TAG	0	0
mORF+_3514283	3514283	3514288	+	2	6	GTG	TAA	0	0
mORF+_3514288	3514288	3514959	+	1	672	ATG	TAG	0	0
mORF+_3514299	3514299	3514397	+	3	99	GTG	TAG	0	0
mORF+_3514358	3514358	3514555	+	2	198	GTG	TGA	0	0
mORF+_3514410	3514410	3514424	+	3	15	TTG	TAG	0	0
mORF+_3514437	3514437	3514571	+	3	135	GTG	TAG	0	0
mORF+_3514571	3514571	3514699	+	2	129	GTG	TGA	0	0
mORF+_3514614	3514614	3514673	+	3	60	ATG	TGA	0	0
mORF+_3514704	3514704	3514796	+	3	93	GTG	TAG	0	0
mORF+_3514721	3514721	3514756	+	2	36	TTG	TGA	0	0
mORF+_3514806	3514806	3514979	+	3	174	GTG	TGA	0	0
mORF+_3514844	3514844	3514879	+	2	36	GTG	TGA	0	0
mORF+_3514889	3514889	3514930	+	2	42	TTG	TGA	0	0
mORF+_3514940	3514940	3515026	+	2	87	GTG	TGA	0	0
mORF+_3515054	3515054	3515260	+	2	207	TTG	TGA	0	0
mORF+_3515155	3515155	3515343	+	1	189	TTG	TAA	0	0
mORF+_3515315	3515315	3515332	+	2	18	TTG	TAA	0	0
mORF+_3515351	3515351	3515377	+	2	27	ATG	TGA	0	0
mORF+_3515392	3515392	3515451	+	1	60	TTG	TAA	0	0

mORF_+_3515414	3515414	3515428	+	2	15	TTG	TGA	0	0
mORF_+_3515429	3515429	3515515	+	2	87	TTG	TAA	0	0
mORF_+_3515442	3515442	3515759	+	3	318	ATG	TGA	0	0
mORF_+_3515497	3515497	3515598	+	1	102	TTG	TGA	0	0
mORF_+_3515555	3515555	3515563	+	2	9	ATG	TAA	0	0
mORF_+_3515717	3515717	3515722	+	2	6	ATG	TAA	0	0
mORF_+_3515756	3515756	3515785	+	2	30	ATG	TAA	0	0
mORF_+_3515766	3515766	3516038	+	3	273	GTG	TAG	0	0
mORF_+_3515866	3515866	3515919	+	1	54	TTG	TAA	0	0
mORF_+_3516032	3516032	3516118	+	2	87	TTG	TAA	0	0
mORF_+_3516051	3516051	3516134	+	3	84	ATG	TGA	0	0
mORF_+_3516131	3516131	3516244	+	2	114	TTG	TAA	0	0
mORF_+_3516135	3516135	3516155	+	3	21	ATG	TGA	0	0
mORF_+_3516384	3516384	3516473	+	3	90	TTG	TAA	0	0
mORF_+_3516427	3516427	3516444	+	1	18	ATG	TAA	0	0
mORF_+_3516454	3516454	3516465	+	1	12	ATG	TAA	0	0
mORF_+_3516466	3516466	3516492	+	1	27	TTG	TAA	0	0
mORF_+_3516547	3516547	3516930	+	1	384	GTG	TAA	0	0
mORF_+_3516569	3516569	3516586	+	2	18	TTG	TGA	0	0
mORF_+_3516597	3516597	3516611	+	3	15	TTG	TAG	0	0
mORF_+_3516632	3516632	3516784	+	2	153	ATG	TAA	0	0
mORF_+_3516705	3516705	3516851	+	3	147	GTG	TAG	0	0
mORF_+_3516884	3516884	3516979	+	2	96	TTG	TGA	0	0
mORF_+_3516976	3516976	3517017	+	1	42	TTG	TAA	0	0
mORF_+_3517001	3517001	3517012	+	2	12	TTG	TGA	0	0
mORF_+_3517031	3517031	3517156	+	2	126	GTG	TGA	0	0
mORF_+_3517116	3517116	3517193	+	3	78	ATG	TGA	0	0
mORF_+_3517153	3517153	3517161	+	1	9	ATG	TGA	0	0
mORF_+_3517219	3517219	3517233	+	1	15	TTG	TAA	0	0
mORF_+_3517278	3517278	3517301	+	3	24	TTG	TAA	0	0
mORF_+_3517338	3517338	3517352	+	3	15	ATG	TGA	0	0
mORF_+_3517349	3517349	3517462	+	2	114	ATG	TAA	0	0
mORF_+_3517365	3517365	3517421	+	3	57	ATG	TAA	0	0
mORF_+_3517411	3517411	3517446	+	1	36	TTG	TGA	0	0
mORF_+_3517443	3517443	3517559	+	3	117	ATG	TGA	0	0
mORF_+_3517507	3517507	3517515	+	1	9	GTG	TGA	0	0
mORF_+_3517556	3517556	3517567	+	2	12	ATG	TAA	0	0
mORF_+_3517568	3517568	3517735	+	2	168	TTG	TAG	0	0
mORF_+_3517584	3517584	3517613	+	3	30	ATG	TGA	0	0
mORF_+_3517638	3517638	3517877	+	3	240	ATG	TGA	0	0
mORF_+_3517763	3517763	3517768	+	2	6	GTG	TAA	0	0
mORF_+_3517790	3517790	3517795	+	2	6	TTG	TAA	0	0
mORF_+_3517879	3517879	3517902	+	1	24	ATG	TAA	0	0
mORF_+_3517902	3517902	3517916	+	3	15	ATG	TGA	0	0
mORF_+_3517919	3517919	3517924	+	2	6	ATG	TGA	0	0
mORF_+_3517921	3517921	3517950	+	1	30	GTG	TAA	0	0
mORF_+_3517967	3517967	3518134	+	2	168	TTG	TAA	0	0
mORF_+_3518007	3518007	3518624	+	3	618	TTG	TGA	0	0
mORF_+_3518038	3518038	3518079	+	1	42	TTG	TGA	0	0
mORF_+_3518168	3518168	3518236	+	2	69	ATG	TAA	0	0
mORF_+_3518351	3518351	3518458	+	2	108	TTG	TGA	0	0
mORF_+_3518386	3518386	3518565	+	1	180	TTG	TGA	0	0
mORF_+_3518510	3518510	3518515	+	2	6	TTG	TAG	0	0
mORF_+_3518543	3518543	3518548	+	2	6	ATG	TAA	0	0
mORF_+_3518660	3518660	3518704	+	2	45	TTG	TAG	0	0
mORF_+_3518668	3518668	3518922	+	1	255	TTG	TGA	0	0
mORF_+_3518717	3518717	3518893	+	2	177	TTG	TGA	0	0
mORF_+_3518736	3518736	3518792	+	3	57	TTG	TAG	0	0
mORF_+_3518844	3518844	3518957	+	3	114	TTG	TAG	0	0
mORF_+_3519005	3519005	3519034	+	2	30	ATG	TAA	0	0
mORF_+_3519040	3519040	3519060	+	1	21	ATG	TAG	0	0
mORF_+_3519062	3519062	3519232	+	2	171	GTG	TGA	0	0
mORF_+_3519132	3519132	3519137	+	3	6	GTG	TAA	0	0

mORF_+_3519138	3519138	3519272	+	3	135	ATG	TGA	0	0	
mORF_+_3519199	3519199	3519228	+	1	30	ATG	TAA	0	0	
mORF_+_3519281	3519281	3519319	+	2	39	GTG	TGA	0	0	
mORF_+_3519300	3519300	3519383	+	3	84	GTG	TGA	0	0	
mORF_+_3519316	3519316	3519333	+	1	18	GTG	TAG	0	0	
mORF_+_3519358	3519358	3519372	+	1	15	ATG	TGA	0	0	
mORF_+_3519380	3519380	3519490	+	2	111	ATG	TAA	0	0	
mORF_+_3519408	3519408	3519494	+	3	87	ATG	TGA	0	0	
mORF_+_3519484	3519484	3519549	+	1	66	TTG	TGA	0	0	
mORF_+_3519503	3519503	3519577	+	2	75	TTG	TGA	0	0	
mORF_+_3519531	3519531	3519545	+	3	15	GTG	TGA	0	0	
mORF_+_3519546	3519546	3519554	+	3	9	TTG	TGA	0	0	
mORF_+_3519559	3519559	3519603	+	1	45	ATG	TAA	0	0	
mORF_+_3519603	3519603	3519830	+	3	228	ATG	TGA	0	0	
mORF_+_3519607	3519607	3519624	+	1	18	TTG	TGA	0	0	
mORF_+_3519655	3519655	3519723	+	1	69	TTG	TAA	0	0	
mORF_+_3519668	3519668	3519679	+	2	12	GTG	TAA	0	0	
mORF_+_3519707	3519707	3519763	+	2	57	TTG	TAA	0	0	
mORF_+_3519770	3519770	3519802	+	2	33	TTG	TAA	0	0	
mORF_+_3519784	3519784	3519981	+	1	198	GTG	TAA	0	0	
mORF_+_3519815	3519815	3519883	+	2	69	TTG	TAG	0	0	
mORF_+_3519846	3519846	3520166	+	3	321	ATG	TAG	0	0	
mORF_+_3519956	3519956	3520066	+	2	111	TTG	TGA	0	0	
mORF_+_3519982	3519982	3520056	+	1	75	TTG	TAG	0	0	
mORF_+_3520184	3520184	3520201	+	2	18	TTG	TAG	0	0	
mORF_+_3520246	3520246	3520263	+	1	18	TTG	TAA	0	0	
mORF_+_3520284	3520284	3520304	+	3	21	ATG	TGA	0	0	
mORF_+_3520301	3520301	3520318	+	2	18	GTG	TGA	0	0	
mORF_+_3520315	3520315	3520401	+	1	87	ATG	TGA	0	0	
mORF_+_3520350	3520350	3520397	+	3	48	TTG	TGA	0	0	
mORF_+_3520361	3520361	3520387	+	2	27	TTG	TAG	0	0	
mORF_+_3520398	3520398	3520559	+	3	162	GTG	TAA	0	0	
mORF_+_3520480	3520480	3520521	+	1	42	TTG	TGA	0	0	
mORF_+_3520532	3520532	3520564	+	2	33	GTG	TGA	0	0	
mORF_+_3520561	3520561	3520596	+	1	36	GTG	TAA	0	0	
mORF_+_3520640	3520640	3521080	+	2	441	TTG	TGA	0	0	
mORF_+_3520678	3520678	3520740	+	1	63	TTG	TAA	0	0	
mORF_+_3520695	3520695	3520766	+	3	72	TTG	TAA	0	0	
mORF_+_3520741	3520741	3520872	+	1	132	ATG	TGA	0	0	
mORF_+_3520767	3520767	3520778	+	3	12	ATG	TGA	0	0	
mORF_+_3520869	3520869	3523445	+	3	2577	ATG	TGA	18	40	pORF_+_3520869
mORF_+_3520879	3520879	3520896	+	1	18	ATG	TGA	0	0	
mORF_+_3520921	3520921	3521010	+	1	90	TTG	TAA	0	0	
mORF_+_3521014	3521014	3521064	+	1	51	ATG	TGA	0	0	
mORF_+_3521065	3521065	3521130	+	1	66	TTG	TGA	0	0	
mORF_+_3521179	3521179	3521304	+	1	126	TTG	TGA	0	0	
mORF_+_3521341	3521341	3521355	+	1	15	TTG	TGA	0	0	
mORF_+_3521398	3521398	3521466	+	1	69	TTG	TGA	0	0	
mORF_+_3521542	3521542	3521685	+	1	144	GTG	TGA	0	0	
mORF_+_3521719	3521719	3521913	+	1	195	ATG	TGA	0	0	
mORF_+_3521861	3521861	3521890	+	2	30	GTG	TAA	0	0	
mORF_+_3521929	3521929	3522015	+	1	87	ATG	TGA	0	0	
mORF_+_3522091	3522091	3522168	+	1	78	ATG	TGA	0	0	
mORF_+_3522140	3522140	3522232	+	2	93	ATG	TGA	0	0	
mORF_+_3522202	3522202	3522333	+	1	132	GTG	TGA	0	0	
mORF_+_3522355	3522355	3522477	+	1	123	ATG	TGA	0	0	
mORF_+_3522556	3522556	3522699	+	1	144	TTG	TGA	0	0	
mORF_+_3522659	3522659	3522679	+	2	21	GTG	TGA	0	0	
mORF_+_3522734	3522734	3522760	+	2	27	ATG	TGA	0	0	
mORF_+_3522757	3522757	3522876	+	1	120	GTG	TAG	0	0	
mORF_+_3522946	3522946	3522954	+	1	9	GTG	TGA	0	0	
mORF_+_3522967	3522967	3523101	+	1	135	TTG	TGA	0	0	
mORF_+_3523070	3523070	3523123	+	2	54	GTG	TGA	0	0	

mORF_+_3523114	3523114	3523236	+	1	123	TTG	TGA	0	0	
mORF_+_3523220	3523220	3523249	+	2	30	ATG	TGA	0	0	
mORF_+_3523246	3523246	3523272	+	1	27	TTG	TGA	0	0	
mORF_+_3523288	3523288	3523293	+	1	6	TTG	TGA	0	0	
mORF_+_3523330	3523330	3523449	+	1	120	ATG	TAA	0	0	
mORF_+_3523475	3523475	3523543	+	2	69	TTG	TGA	0	0	
mORF_+_3523486	3523486	3523515	+	1	30	GTG	TGA	0	0	
mORF_+_3523512	3523512	3523532	+	3	21	GTG	TAA	0	0	
mORF_+_3523540	3523540	3523554	+	1	15	GTG	TAA	0	0	
mORF_+_3523556	3523556	3523663	+	2	108	TTG	TGA	0	0	
mORF_+_3523585	3523585	3523776	+	1	192	TTG	TAG	0	0	
mORF_+_3523587	3523587	3523739	+	3	153	GTG	TAG	0	0	
mORF_+_3523733	3523733	3523834	+	2	102	GTG	TGA	0	0	
mORF_+_3523782	3523782	3523886	+	3	105	TTG	TAG	0	0	
mORF_+_3523804	3523804	3523818	+	1	15	TTG	TAA	0	0	
mORF_+_3523828	3523828	3523908	+	1	81	ATG	TAG	0	0	
mORF_+_3523995	3523995	3524159	+	3	165	GTG	TAA	0	0	
mORF_+_3524035	3524035	3524058	+	1	24	TTG	TAA	0	0	
mORF_+_3524039	3524039	3524080	+	2	42	TTG	TGA	0	0	
mORF_+_3524074	3524074	3524190	+	1	117	TTG	TGA	0	0	
mORF_+_3524159	3524159	3524236	+	2	78	ATG	TGA	0	0	
mORF_+_3524187	3524187	3524267	+	3	81	GTG	TAA	0	0	
mORF_+_3524203	3524203	3524262	+	1	60	TTG	TAA	0	0	
mORF_+_3524306	3524306	3524314	+	2	9	TTG	TAA	0	0	
mORF_+_3524325	3524325	3524375	+	3	51	TTG	TGA	0	0	
mORF_+_3524351	3524351	3524359	+	2	9	TTG	TGA	0	0	
mORF_+_3524356	3524356	3524418	+	1	63	ATG	TAG	0	0	
mORF_+_3524372	3524372	3524494	+	2	123	GTG	TGA	0	0	
mORF_+_3524409	3524409	3524456	+	3	48	TTG	TGA	0	0	
mORF_+_3524440	3524440	3524466	+	1	27	GTG	TGA	0	0	
mORF_+_3524491	3524491	3526626	+	1	2136	ATG	TAA	3	8	pORF_+_3524491
mORF_+_3524501	3524501	3524506	+	2	6	TTG	TGA	0	0	
mORF_+_3524540	3524540	3524554	+	2	15	TTG	TGA	0	0	
mORF_+_3524547	3524547	3524621	+	3	75	ATG	TAA	0	0	
mORF_+_3524606	3524606	3524671	+	2	66	ATG	TGA	0	0	
mORF_+_3524735	3524735	3524758	+	2	24	ATG	TGA	0	0	
mORF_+_3524811	3524811	3524879	+	3	69	ATG	TGA	0	0	
mORF_+_3524876	3524876	3524896	+	2	21	ATG	TGA	0	0	
mORF_+_3524975	3524975	3525082	+	2	108	ATG	TGA	0	0	
mORF_+_3525101	3525101	3525115	+	2	15	GTG	TGA	0	0	
mORF_+_3525161	3525161	3525439	+	2	279	ATG	TAG	0	0	
mORF_+_3525174	3525174	3525470	+	3	297	GTG	TGA	0	0	
mORF_+_3525467	3525467	3525478	+	2	12	ATG	TAA	0	0	
mORF_+_3525597	3525597	3525623	+	3	27	ATG	TGA	0	0	
mORF_+_3525620	3525620	3525637	+	2	18	TTG	TAA	0	0	
mORF_+_3525699	3525699	3525704	+	3	6	GTG	TAA	0	0	
mORF_+_3525758	3525758	3525841	+	2	84	TTG	TGA	0	0	
mORF_+_3525881	3525881	3525967	+	2	87	ATG	TGA	0	0	
mORF_+_3525981	3525981	3525998	+	3	18	ATG	TGA	0	0	
mORF_+_3525995	3525995	3526012	+	2	18	ATG	TGA	0	0	
mORF_+_3526016	3526016	3526063	+	2	48	ATG	TAA	0	0	
mORF_+_3526088	3526088	3526096	+	2	9	ATG	TGA	0	0	
mORF_+_3526097	3526097	3526117	+	2	21	ATG	TGA	0	0	
mORF_+_3526118	3526118	3526201	+	2	84	GTG	TAA	0	0	
mORF_+_3526229	3526229	3526342	+	2	114	TTG	TGA	0	0	
mORF_+_3526308	3526308	3526358	+	3	51	GTG	TAA	0	0	
mORF_+_3526397	3526397	3526480	+	2	84	ATG	TGA	0	0	
mORF_+_3526446	3526446	3526493	+	3	48	GTG	TAG	0	0	
mORF_+_3526505	3526505	3526552	+	2	48	ATG	TGA	0	0	
mORF_+_3526571	3526571	3526585	+	2	15	ATG	TGA	0	0	
mORF_+_3526632	3526632	3526721	+	3	90	TTG	TAG	0	0	
mORF_+_3526646	3526646	3527359	+	2	714	ATG	TGA	0	0	
mORF_+_3526666	3526666	3526773	+	1	108	TTG	TAA	0	0	

mORF_+_3526804	3526804	3526902	+	1	99	ATG	TGA	0	0	
mORF_+_3526899	3526899	3526943	+	3	45	TTG	TGA	0	0	
mORF_+_3526962	3526962	3527006	+	3	45	GTG	TGA	0	0	
mORF_+_3527040	3527040	3527066	+	3	27	ATG	TAA	0	0	
mORF_+_3527070	3527070	3527183	+	3	114	TTG	TGA	0	0	
mORF_+_3527152	3527152	3527190	+	1	39	ATG	TGA	0	0	
mORF_+_3527205	3527205	3527270	+	3	66	TTG	TGA	0	0	
mORF_+_3527289	3527289	3527324	+	3	36	TTG	TGA	0	0	
mORF_+_3527325	3527325	3527342	+	3	18	ATG	TGA	0	0	
mORF_+_3527356	3527356	3527373	+	1	18	GTG	TGA	0	0	
mORF_+_3527370	3527370	3527771	+	3	402	ATG	TAA	5	23	pORF_+_3527370
mORF_+_3527389	3527389	3527460	+	1	72	TTG	TGA	0	0	
mORF_+_3527408	3527408	3527434	+	2	27	ATG	TAA	0	0	
mORF_+_3527461	3527461	3527523	+	1	63	TTG	TGA	0	0	
mORF_+_3527524	3527524	3527568	+	1	45	ATG	TGA	0	0	
mORF_+_3527569	3527569	3527574	+	1	6	TTG	TAA	0	0	
mORF_+_3527623	3527623	3527646	+	1	24	ATG	TAG	0	0	
mORF_+_3527683	3527683	3527691	+	1	9	ATG	TAA	0	0	
mORF_+_3527764	3527764	3527793	+	1	30	GTG	TGA	0	0	
mORF_+_3527790	3527790	3528674	+	3	885	ATG	TAA	20	135	pORF_+_3527790
mORF_+_3527806	3527806	3527862	+	1	57	ATG	TAA	0	0	
mORF_+_3527890	3527890	3527961	+	1	72	TTG	TAA	0	0	
mORF_+_3527977	3527977	3528021	+	1	45	TTG	TGA	0	0	
mORF_+_3528064	3528064	3528108	+	1	45	GTG	TGA	0	0	
mORF_+_3528124	3528124	3528138	+	1	15	ATG	TGA	0	0	
mORF_+_3528181	3528181	3528279	+	1	99	TTG	TAG	0	0	
mORF_+_3528331	3528331	3528369	+	1	39	ATG	TAA	0	0	
mORF_+_3528422	3528422	3528499	+	2	78	GTG	TGA	0	0	
mORF_+_3528469	3528469	3528519	+	1	51	ATG	TGA	0	0	
mORF_+_3528503	3528503	3528532	+	2	30	TTG	TGA	0	0	
mORF_+_3528532	3528532	3528798	+	1	267	ATG	TAG	1	3	pORF_+_3528532
mORF_+_3528581	3528581	3528586	+	2	6	TTG	TGA	0	0	
mORF_+_3528674	3528674	3528718	+	2	45	ATG	TAA	0	0	
mORF_+_3528734	3528734	3528838	+	2	105	TTG	TAA	0	0	
mORF_+_3528831	3528831	3528917	+	3	87	GTG	TAG	0	0	
mORF_+_3528921	3528921	3528965	+	3	45	ATG	TGA	0	0	
mORF_+_3528983	3528983	3529048	+	2	66	TTG	TAA	0	0	
mORF_+_3529060	3529060	3529077	+	1	18	ATG	TAA	0	0	
mORF_+_3529130	3529130	3529156	+	2	27	TTG	TAA	0	0	
mORF_+_3529260	3529260	3529265	+	3	6	ATG	TAG	0	0	
mORF_+_3529284	3529284	3529301	+	3	18	GTG	TGA	0	0	
mORF_+_3529313	3529313	3529387	+	2	75	ATG	TAA	0	0	
mORF_+_3529329	3529329	3529415	+	3	87	ATG	TGA	0	0	
mORF_+_3529430	3529430	3529483	+	2	54	TTG	TAA	0	0	
mORF_+_3529449	3529449	3529535	+	3	87	ATG	TGA	0	0	
mORF_+_3529636	3529636	3529665	+	1	30	GTG	TAG	0	0	
mORF_+_3529646	3529646	3529672	+	2	27	TTG	TAA	0	0	
mORF_+_3529679	3529679	3529780	+	2	102	TTG	TAG	0	0	
mORF_+_3529719	3529719	3529832	+	3	114	ATG	TGA	0	0	
mORF_+_3529783	3529783	3529821	+	1	39	ATG	TGA	0	0	
mORF_+_3529829	3529829	3529846	+	2	18	TTG	TAA	0	0	
mORF_+_3529849	3529849	3529887	+	1	39	GTG	TAA	0	0	
mORF_+_3529899	3529899	3529907	+	3	9	GTG	TAA	0	0	
mORF_+_3529921	3529921	3529941	+	1	21	TTG	TGA	0	0	
mORF_+_3529938	3529938	3530060	+	3	123	TTG	TAA	0	0	
mORF_+_3530042	3530042	3530053	+	2	12	ATG	TGA	0	0	
mORF_+_3530085	3530085	3530147	+	3	63	TTG	TAG	0	0	
mORF_+_3530102	3530102	3530119	+	2	18	TTG	TAG	0	0	
mORF_+_3530128	3530128	3530241	+	1	114	TTG	TAA	0	0	
mORF_+_3530190	3530190	3530339	+	3	150	ATG	TAA	0	0	
mORF_+_3530201	3530201	3530248	+	2	48	TTG	TAG	0	0	
mORF_+_3530308	3530308	3530415	+	1	108	ATG	TAG	0	0	
mORF_+_3530351	3530351	3530407	+	2	57	GTG	TAA	0	0	

mORF_+_3530431	3530431	3530550	+	1	120	GTG	TAG	0	0	
mORF_+_3530460	3530460	3530492	+	3	33	ATG	TAA	0	0	
mORF_+_3530517	3530517	3530558	+	3	42	TTG	TGA	0	0	
mORF_+_3530552	3530552	3530578	+	2	27	GTG	TGA	0	0	
mORF_+_3530575	3530575	3530655	+	1	81	TTG	TGA	0	0	
mORF_+_3530652	3530652	3530693	+	3	42	TTG	TAA	0	0	
mORF_+_3530707	3530707	3530838	+	1	132	GTG	TGA	0	0	
mORF_+_3530729	3530729	3530767	+	2	39	TTG	TGA	0	0	
mORF_+_3530771	3530771	3532462	+	2	1692	TTG	TAA	98	1599	pORF_+_3530771
mORF_+_3530835	3530835	3530861	+	3	27	GTG	TGA	0	0	
mORF_+_3530883	3530883	3530963	+	3	81	ATG	TGA	0	0	
mORF_+_3530970	3530970	3530987	+	3	18	ATG	TAA	0	0	
mORF_+_3530997	3530997	3531155	+	3	159	GTG	TGA	0	0	
mORF_+_3531088	3531088	3531111	+	1	24	GTG	TAA	0	0	
mORF_+_3531198	3531198	3531350	+	3	153	TTG	TGA	0	0	
mORF_+_3531361	3531361	3531369	+	1	9	GTG	TAA	0	0	
mORF_+_3531376	3531376	3531420	+	1	45	GTG	TAA	0	0	
mORF_+_3531444	3531444	3531473	+	3	30	TTG	TGA	0	0	
mORF_+_3531549	3531549	3531635	+	3	87	TTG	TGA	0	0	
mORF_+_3531636	3531636	3531920	+	3	285	TTG	TGA	0	0	
mORF_+_3531927	3531927	3531962	+	3	36	ATG	TGA	0	0	
mORF_+_3532026	3532026	3532118	+	3	93	GTG	TGA	0	0	
mORF_+_3532060	3532060	3532158	+	1	99	TTG	TAA	0	0	
mORF_+_3532245	3532245	3532307	+	3	63	ATG	TAG	0	0	
mORF_+_3532354	3532354	3532407	+	1	54	GTG	TAA	0	0	
mORF_+_3532428	3532428	3532442	+	3	15	GTG	TAG	0	0	
mORF_+_3532462	3532462	3532470	+	1	9	ATG	TGA	0	0	
mORF_+_3532467	3532467	3532841	+	3	375	TTG	TAA	0	0	
mORF_+_3532549	3532549	3532695	+	1	147	TTG	TAA	0	0	
mORF_+_3532643	3532643	3532681	+	2	39	ATG	TAA	0	0	
mORF_+_3532736	3532736	3533386	+	2	651	GTG	TAG	0	0	
mORF_+_3532851	3532851	3532922	+	3	72	TTG	TAA	0	0	
mORF_+_3533022	3533022	3533033	+	3	12	GTG	TAG	0	0	
mORF_+_3533049	3533049	3533099	+	3	51	ATG	TAG	0	0	
mORF_+_3533151	3533151	3533165	+	3	15	GTG	TGA	0	0	
mORF_+_3533187	3533187	3533405	+	3	219	GTG	TAG	0	0	
mORF_+_3533432	3533432	3533569	+	2	138	ATG	TAA	0	0	
mORF_+_3533466	3533466	3533561	+	3	96	TTG	TGA	0	0	
mORF_+_3533579	3533579	3533845	+	2	267	GTG	TAA	0	0	
mORF_+_3533619	3533619	3533627	+	3	9	TTG	TAG	0	0	
mORF_+_3533688	3533688	3533801	+	3	114	GTG	TAA	0	0	
mORF_+_3533829	3533829	3533897	+	3	69	GTG	TAG	0	0	
mORF_+_3533857	3533857	3534213	+	1	357	ATG	TGA	0	0	
mORF_+_3533942	3533942	3533947	+	2	6	ATG	TAA	0	0	
mORF_+_3533975	3533975	3534241	+	2	267	ATG	TGA	1	2	pORF_+_3533975
mORF_+_3534018	3534018	3534089	+	3	72	TTG	TGA	0	0	
mORF_+_3534093	3534093	3534125	+	3	33	GTG	TGA	0	0	
mORF_+_3534210	3534210	3534287	+	3	78	GTG	TAA	0	0	
mORF_+_3534294	3534294	3534368	+	3	75	TTG	TAA	0	0	
mORF_+_3534299	3534299	3534304	+	2	6	ATG	TAG	0	0	
mORF_+_3534368	3534368	3534391	+	2	24	ATG	TGA	0	0	
mORF_+_3534457	3534457	3534681	+	1	225	ATG	TAA	0	0	
mORF_+_3534533	3534533	3534541	+	2	9	GTG	TAA	0	0	
mORF_+_3534566	3534566	3534595	+	2	30	ATG	TAG	0	0	
mORF_+_3534606	3534606	3534641	+	3	36	TTG	TAA	0	0	
mORF_+_3534644	3534644	3534655	+	2	12	GTG	TAA	0	0	
mORF_+_3534689	3534689	3534724	+	2	36	ATG	TAA	0	0	
mORF_+_3534706	3534706	3534837	+	1	132	TTG	TGA	0	0	
mORF_+_3534764	3534764	3534781	+	2	18	TTG	TGA	0	0	
mORF_+_3534798	3534798	3535310	+	3	513	GTG	TAA	0	0	
mORF_+_3534865	3534865	3534933	+	1	69	ATG	TGA	0	0	
mORF_+_3534967	3534967	3535131	+	1	165	ATG	TGA	0	0	
mORF_+_3535034	3535034	3535114	+	2	81	ATG	TGA	0	0	

mORF+_3535147	3535147	3535221	+	1	75	TTG	TGA	0	0	
mORF+_3535279	3535279	3535302	+	1	24	ATG	TGA	0	0	
mORF+_3535334	3535334	3535366	+	2	33	ATG	TAA	0	0	
mORF+_3535347	3535347	3535397	+	3	51	TTG	TGA	0	0	
mORF+_3535381	3535381	3535410	+	1	30	TTG	TGA	0	0	
mORF+_3535394	3535394	3535417	+	2	24	ATG	TGA	0	0	
mORF+_3535407	3535407	3537728	+	3	2322	ATG	TAA	84	554	pORF+_3535407
mORF+_3535414	3535414	3535587	+	1	174	ATG	TGA	0	0	
mORF+_3535660	3535660	3535692	+	1	33	ATG	TAA	0	0	
mORF+_3535762	3535762	3535905	+	1	144	TTG	TGA	0	0	
mORF+_3535796	3535796	3535855	+	2	60	GTG	TAA	0	0	
mORF+_3535915	3535915	3535992	+	1	78	TTG	TGA	0	0	
mORF+_3535958	3535958	3535999	+	2	42	GTG	TAA	0	0	
mORF+_3536089	3536089	3536124	+	1	36	GTG	TGA	0	0	
mORF+_3536125	3536125	3536205	+	1	81	ATG	TGA	0	0	
mORF+_3536165	3536165	3536224	+	2	60	TTG	TAG	0	0	
mORF+_3536209	3536209	3536244	+	1	36	ATG	TGA	0	0	
mORF+_3536252	3536252	3536323	+	2	72	GTG	TGA	0	0	
mORF+_3536311	3536311	3536364	+	1	54	GTG	TGA	0	0	
mORF+_3536386	3536386	3536427	+	1	42	GTG	TAA	0	0	
mORF+_3536443	3536443	3536514	+	1	72	ATG	TGA	0	0	
mORF+_3536518	3536518	3536556	+	1	39	TTG	TAG	0	0	
mORF+_3536528	3536528	3536533	+	2	6	GTG	TGA	0	0	
mORF+_3536605	3536605	3536631	+	1	27	ATG	TGA	0	0	
mORF+_3536728	3536728	3536781	+	1	54	GTG	TGA	0	0	
mORF+_3536821	3536821	3536865	+	1	45	ATG	TAG	0	0	
mORF+_3536887	3536887	3536925	+	1	39	TTG	TAA	0	0	
mORF+_3536968	3536968	3537018	+	1	51	TTG	TAA	0	0	
mORF+_3537053	3537053	3537076	+	2	24	GTG	TAA	0	0	
mORF+_3537082	3537082	3537168	+	1	87	GTG	TGA	0	0	
mORF+_3537226	3537226	3537252	+	1	27	ATG	TAA	0	0	
mORF+_3537319	3537319	3537342	+	1	24	TTG	TGA	0	0	
mORF+_3537397	3537397	3537492	+	1	96	TTG	TGA	0	0	
mORF+_3537505	3537505	3537510	+	1	6	TTG	TGA	0	0	
mORF+_3537571	3537571	3537690	+	1	120	ATG	TGA	0	0	
mORF+_3537694	3537694	3537771	+	1	78	ATG	TAG	0	0	
mORF+_3537756	3537756	3537824	+	3	69	TTG	TAA	0	0	
mORF+_3537812	3537812	3537874	+	2	63	TTG	TAA	0	0	
mORF+_3537982	3537982	3538041	+	1	60	TTG	TAA	0	0	
mORF+_3537998	3537998	3538051	+	2	54	TTG	TGA	0	0	
mORF+_3538045	3538045	3538092	+	1	48	TTG	TAA	0	0	
mORF+_3538073	3538073	3538084	+	2	12	TTG	TGA	0	0	
mORF+_3538101	3538101	3538178	+	3	78	TTG	TAG	0	0	
mORF+_3538124	3538124	3538147	+	2	24	ATG	TGA	0	0	
mORF+_3538144	3538144	3538152	+	1	9	ATG	TAG	0	0	
mORF+_3538185	3538185	3538412	+	3	228	ATG	TAA	0	0	
mORF+_3538208	3538208	3538234	+	2	27	GTG	TGA	0	0	
mORF+_3538231	3538231	3538353	+	1	123	GTG	TGA	0	0	
mORF+_3538417	3538417	3540750	+	1	2334	GTG	TAA	10	25	pORF+_3538417
mORF+_3538445	3538445	3538453	+	2	9	TTG	TAA	0	0	
mORF+_3538454	3538454	3538519	+	2	66	TTG	TAG	0	0	
mORF+_3538646	3538646	3538675	+	2	30	ATG	TGA	0	0	
mORF+_3538676	3538676	3538696	+	2	21	GTG	TGA	0	0	
mORF+_3538709	3538709	3538741	+	2	33	ATG	TGA	0	0	
mORF+_3538775	3538775	3538786	+	2	12	TTG	TGA	0	0	
mORF+_3538799	3538799	3538864	+	2	66	TTG	TGA	0	0	
mORF+_3538883	3538883	3539002	+	2	120	GTG	TGA	0	0	
mORF+_3539087	3539087	3539206	+	2	120	GTG	TAA	0	0	
mORF+_3539178	3539178	3539198	+	3	21	GTG	TGA	0	0	
mORF+_3539297	3539297	3539302	+	2	6	TTG	TGA	0	0	
mORF+_3539357	3539357	3539434	+	2	78	TTG	TGA	0	0	
mORF+_3539397	3539397	3539471	+	3	75	ATG	TAA	0	0	
mORF+_3539459	3539459	3539506	+	2	48	GTG	TGA	0	0	

mORF_+_3539528	3539528	3539566	+	2	39	TTG	TGA	0	0
mORF_+_3539609	3539609	3539620	+	2	12	TTG	TGA	0	0
mORF_+_3539634	3539634	3539639	+	3	6	TTG	TAA	0	0
mORF_+_3539657	3539657	3539692	+	2	36	GTG	TGA	0	0
mORF_+_3539780	3539780	3539821	+	2	42	GTG	TGA	0	0
mORF_+_3539867	3539867	3539929	+	2	63	GTG	TGA	0	0
mORF_+_3539969	3539969	3539983	+	2	15	GTG	TGA	0	0
mORF_+_3540110	3540110	3540181	+	2	72	TTG	TAG	0	0
mORF_+_3540257	3540257	3540280	+	2	24	GTG	TAG	0	0
mORF_+_3540281	3540281	3540301	+	2	21	ATG	TGA	0	0
mORF_+_3540338	3540338	3540388	+	2	51	TTG	TGA	0	0
mORF_+_3540449	3540449	3540469	+	2	21	ATG	TGA	0	0
mORF_+_3540456	3540456	3540488	+	3	33	ATG	TGA	0	0
mORF_+_3540485	3540485	3540532	+	2	48	GTG	TGA	0	0
mORF_+_3540522	3540522	3540632	+	3	111	GTG	TAA	0	0
mORF_+_3540714	3540714	3540740	+	3	27	TTG	TGA	0	0
mORF_+_3540737	3540737	3540850	+	2	114	GTG	TAA	0	0
mORF_+_3540741	3540741	3540986	+	3	246	TTG	TAA	0	0
mORF_+_3540929	3540929	3540934	+	2	6	TTG	TAA	0	0
mORF_+_3540968	3540968	3541117	+	2	150	GTG	TGA	0	0
mORF_+_3541006	3541006	3541098	+	1	93	TTG	TGA	0	0
mORF_+_3541020	3541020	3541061	+	3	42	ATG	TAA	0	0
mORF_+_3541095	3541095	3541265	+	3	171	TTG	TGA	0	0
mORF_+_3541114	3541114	3541128	+	1	15	ATG	TAA	0	0
mORF_+_3541136	3541136	3541153	+	2	18	GTG	TAG	0	0
mORF_+_3541138	3541138	3541179	+	1	42	GTG	TGA	0	0
mORF_+_3541189	3541189	3542067	+	1	879	ATG	TAA	0	0
mORF_+_3541220	3541220	3541315	+	2	96	ATG	TGA	0	0
mORF_+_3541305	3541305	3541310	+	3	6	TTG	TGA	0	0
mORF_+_3541346	3541346	3541393	+	2	48	TTG	TGA	0	0
mORF_+_3541383	3541383	3541433	+	3	51	GTG	TGA	0	0
mORF_+_3541430	3541430	3541459	+	2	30	TTG	TGA	0	0
mORF_+_3541487	3541487	3541657	+	2	171	TTG	TGA	0	0
mORF_+_3541590	3541590	3541661	+	3	72	GTG	TGA	0	0
mORF_+_3541658	3541658	3541723	+	2	66	TTG	TAA	0	0
mORF_+_3541790	3541790	3541918	+	2	129	GTG	TAA	0	0
mORF_+_3541925	3541925	3541975	+	2	51	TTG	TAG	0	0
mORF_+_3541988	3541988	3542188	+	2	201	TTG	TGA	0	0
mORF_+_3542155	3542155	3542340	+	1	186	ATG	TAA	0	0
mORF_+_3542172	3542172	3542198	+	3	27	TTG	TGA	0	0
mORF_+_3542195	3542195	3542365	+	2	171	GTG	TAA	0	0
mORF_+_3542229	3542229	3542255	+	3	27	TTG	TAG	0	0
mORF_+_3542277	3542277	3542300	+	3	24	ATG	TGA	0	0
mORF_+_3542421	3542421	3542459	+	3	39	ATG	TGA	0	0
mORF_+_3542426	3542426	3542431	+	2	6	TTG	TAA	0	0
mORF_+_3542474	3542474	3542545	+	2	72	TTG	TGA	0	0
mORF_+_3542542	3542542	3542559	+	1	18	GTG	TGA	0	0
mORF_+_3542556	3542556	3542570	+	3	15	GTG	TGA	0	0
mORF_+_3542582	3542582	3542590	+	2	9	ATG	TAA	0	0
mORF_+_3542602	3542602	3542748	+	1	147	TTG	TAA	0	0
mORF_+_3542637	3542637	3542825	+	3	189	ATG	TGA	0	0
mORF_+_3542657	3542657	3542689	+	2	33	TTG	TGA	0	0
mORF_+_3542738	3542738	3542899	+	2	162	GTG	TGA	0	0
mORF_+_3542841	3542841	3543587	+	3	747	TTG	TAG	0	0
mORF_+_3542896	3542896	3542910	+	1	15	ATG	TAA	0	0
mORF_+_3542924	3542924	3543004	+	2	81	ATG	TAA	0	0
mORF_+_3543011	3543011	3543148	+	2	138	ATG	TAA	0	0
mORF_+_3543022	3543022	3543126	+	1	105	GTG	TAA	0	0
mORF_+_3543163	3543163	3543429	+	1	267	GTG	TGA	0	0
mORF_+_3543266	3543266	3543298	+	2	33	ATG	TAA	0	0
mORF_+_3543314	3543314	3543355	+	2	42	GTG	TAG	0	0
mORF_+_3543433	3543433	3543477	+	1	45	ATG	TGA	0	0
mORF_+_3543478	3543478	3543612	+	1	135	TTG	TAA	0	0

mORF_+_3543566	3543566	3543598	+	2	33	GTG	TGA	0	0	
mORF_+_3543646	3543646	3544221	+	1	576	ATG	TAA	26	348	pORF_+_3543646
mORF_+_3543662	3543662	3543733	+	2	72	ATG	TGA	0	0	
mORF_+_3543759	3543759	3543821	+	3	63	ATG	TGA	0	0	
mORF_+_3543761	3543761	3543814	+	2	54	GTG	TGA	0	0	
mORF_+_3543818	3543818	3543829	+	2	12	TTG	TGA	0	0	
mORF_+_3543836	3543836	3543850	+	2	15	ATG	TAA	0	0	
mORF_+_3543869	3543869	3543913	+	2	45	ATG	TAA	0	0	
mORF_+_3543956	3543956	3543967	+	2	12	ATG	TGA	0	0	
mORF_+_3544013	3544013	3544042	+	2	30	TTG	TGA	0	0	
mORF_+_3544079	3544079	3544117	+	2	39	TTG	TGA	0	0	
mORF_+_3544098	3544098	3544352	+	3	255	TTG	TGA	0	0	
mORF_+_3544172	3544172	3544240	+	2	69	GTG	TAG	0	0	
mORF_+_3544249	3544249	3544260	+	1	12	ATG	TAA	0	0	
mORF_+_3544289	3544289	3544366	+	2	78	GTG	TAA	0	0	
mORF_+_3544315	3544315	3544347	+	1	33	TTG	TAA	0	0	
mORF_+_3544387	3544387	3544467	+	1	81	GTG	TAG	0	0	
mORF_+_3544425	3544425	3544454	+	3	30	ATG	TGA	0	0	
mORF_+_3544473	3544473	3544565	+	3	93	GTG	TGA	0	0	
mORF_+_3544486	3544486	3544521	+	1	36	GTG	TAA	0	0	
mORF_+_3544529	3544529	3544546	+	2	18	TTG	TGA	0	0	
mORF_+_3544543	3544543	3544590	+	1	48	TTG	TAG	0	0	
mORF_+_3544562	3544562	3544714	+	2	153	ATG	TAA	0	0	
mORF_+_3544581	3544581	3545897	+	3	1317	ATG	TGA	1	0	pORF_+_3544581
mORF_+_3544594	3544594	3544611	+	1	18	TTG	TAA	0	0	
mORF_+_3544678	3544678	3544692	+	1	15	TTG	TAA	0	0	
mORF_+_3544720	3544720	3544770	+	1	51	TTG	TGA	0	0	
mORF_+_3544780	3544780	3544845	+	1	66	TTG	TGA	0	0	
mORF_+_3544846	3544846	3544890	+	1	45	TTG	TGA	0	0	
mORF_+_3544874	3544874	3544924	+	2	51	GTG	TGA	0	0	
mORF_+_3544903	3544903	3544941	+	1	39	TTG	TGA	0	0	
mORF_+_3544993	3544993	3545028	+	1	36	ATG	TGA	0	0	
mORF_+_3545068	3545068	3545139	+	1	72	TTG	TGA	0	0	
mORF_+_3545245	3545245	3545280	+	1	36	TTG	TAG	0	0	
mORF_+_3545296	3545296	3545313	+	1	18	GTG	TGA	0	0	
mORF_+_3545359	3545359	3545370	+	1	12	GTG	TAA	0	0	
mORF_+_3545383	3545383	3545394	+	1	12	TTG	TGA	0	0	
mORF_+_3545395	3545395	3545418	+	1	24	TTG	TAA	0	0	
mORF_+_3545422	3545422	3545484	+	1	63	GTG	TGA	0	0	
mORF_+_3545500	3545500	3545532	+	1	33	GTG	TAG	0	0	
mORF_+_3545554	3545554	3545565	+	1	12	TTG	TGA	0	0	
mORF_+_3545608	3545608	3545685	+	1	78	TTG	TGA	0	0	
mORF_+_3545686	3545686	3545715	+	1	30	TTG	TGA	0	0	
mORF_+_3545722	3545722	3545745	+	1	24	TTG	TGA	0	0	
mORF_+_3545755	3545755	3545760	+	1	6	ATG	TGA	0	0	
mORF_+_3545855	3545855	3545959	+	2	105	GTG	TAG	0	0	
mORF_+_3545914	3545914	3546801	+	1	888	ATG	TAA	0	0	
mORF_+_3546060	3546060	3546134	+	3	75	TTG	TAA	0	0	
mORF_+_3546138	3546138	3546224	+	3	87	GTG	TAG	0	0	
mORF_+_3546275	3546275	3546412	+	2	138	ATG	TAG	0	0	
mORF_+_3546399	3546399	3546431	+	3	33	TTG	TAA	0	0	
mORF_+_3546452	3546452	3546760	+	2	309	ATG	TAA	0	0	
mORF_+_3546540	3546540	3546545	+	3	6	TTG	TAA	0	0	
mORF_+_3546773	3546773	3546850	+	2	78	TTG	TAA	0	0	
mORF_+_3546780	3546780	3546812	+	3	33	TTG	TAG	0	0	
mORF_+_3546822	3546822	3547001	+	3	180	GTG	TAG	0	0	
mORF_+_3546841	3546841	3547329	+	1	489	TTG	TAA	0	0	
mORF_+_3547082	3547082	3547114	+	2	33	ATG	TGA	0	0	
mORF_+_3547178	3547178	3547192	+	2	15	TTG	TAG	0	0	
mORF_+_3547277	3547277	3547306	+	2	30	TTG	TAA	0	0	
mORF_+_3547332	3547332	3547340	+	3	9	GTG	TAA	0	0	
mORF_+_3547367	3547367	3547795	+	2	429	TTG	TAG	0	0	
mORF_+_3547383	3547383	3547409	+	3	27	GTG	TGA	0	0	

mORF+_3547492	3547492	3547551	+	1	60	ATG	TGA	0	0	
mORF+_3547548	3547548	3547643	+	3	96	ATG	TAA	0	0	
mORF+_3547567	3547567	3547593	+	1	27	TTG	TGA	0	0	
mORF+_3547752	3547752	3547769	+	3	18	GTG	TGA	0	0	
mORF+_3547756	3547756	3547800	+	1	45	GTG	TGA	0	0	
mORF+_3547797	3547797	3547916	+	3	120	TTG	TAA	0	0	
mORF+_3547820	3547820	3549082	+	2	1263	ATG	TGA	1	2	pORF+_3547820
mORF+_3547920	3547920	3547967	+	3	48	ATG	TGA	0	0	
mORF+_3547992	3547992	3548039	+	3	48	TTG	TAA	0	0	
mORF+_3548040	3548040	3548105	+	3	66	TTG	TAG	0	0	
mORF+_3548110	3548110	3548145	+	1	36	TTG	TAG	0	0	
mORF+_3548181	3548181	3548255	+	3	75	TTG	TAG	0	0	
mORF+_3548242	3548242	3548472	+	1	231	GTG	TAA	0	0	
mORF+_3548298	3548298	3548423	+	3	126	TTG	TAG	0	0	
mORF+_3548427	3548427	3548462	+	3	36	TTG	TGA	0	0	
mORF+_3548547	3548547	3548657	+	3	111	TTG	TAA	0	0	
mORF+_3548703	3548703	3548759	+	3	57	TTG	TAG	0	0	
mORF+_3548767	3548767	3548898	+	1	132	GTG	TGA	0	0	
mORF+_3548835	3548835	3548903	+	3	69	TTG	TGA	0	0	
mORF+_3548920	3548920	3548928	+	1	9	GTG	TGA	0	0	
mORF+_3548925	3548925	3549005	+	3	81	TTG	TGA	0	0	
mORF+_3549039	3549039	3549050	+	3	12	TTG	TGA	0	0	
mORF+_3549079	3549079	3549123	+	1	45	GTG	TGA	0	0	
mORF+_3549111	3549111	3549185	+	3	75	TTG	TGA	0	0	
mORF+_3549133	3549133	3549141	+	1	9	GTG	TAA	0	0	
mORF+_3549158	3549158	3549178	+	2	21	ATG	TAG	0	0	
mORF+_3549182	3549182	3549406	+	2	225	GTG	TAA	0	0	
mORF+_3549288	3549288	3549470	+	3	183	TTG	TAA	0	0	
mORF+_3549458	3549458	3550120	+	2	663	ATG	TGA	0	0	
mORF+_3549480	3549480	3549584	+	3	105	TTG	TGA	0	0	
mORF+_3549562	3549562	3549588	+	1	27	TTG	TAA	0	0	
mORF+_3549714	3549714	3549728	+	3	15	TTG	TAG	0	0	
mORF+_3549721	3549721	3549756	+	1	36	TTG	TGA	0	0	
mORF+_3549735	3549735	3549869	+	3	135	TTG	TAG	0	0	
mORF+_3549903	3549903	3549998	+	3	96	ATG	TAG	0	0	
mORF+_3549970	3549970	3550206	+	1	237	GTG	TGA	0	0	
mORF+_3550035	3550035	3550073	+	3	39	TTG	TGA	0	0	
mORF+_3550203	3550203	3550214	+	3	12	TTG	TAA	0	0	
mORF+_3550263	3550263	3550307	+	3	45	TTG	TAG	0	0	
mORF+_3550297	3550297	3550311	+	1	15	TTG	TAA	0	0	
mORF+_3550313	3550313	3550387	+	2	75	ATG	TAG	0	0	
mORF+_3550335	3550335	3550349	+	3	15	TTG	TGA	0	0	
mORF+_3550342	3550342	3550479	+	1	138	ATG	TAA	0	0	
mORF+_3550466	3550466	3550492	+	2	27	TTG	TGA	0	0	
mORF+_3550489	3550489	3550497	+	1	9	GTG	TAG	0	0	
mORF+_3550542	3550542	3550622	+	3	81	TTG	TGA	0	0	
mORF+_3550597	3550597	3550608	+	1	12	TTG	TGA	0	0	
mORF+_3550619	3550619	3550636	+	2	18	GTG	TAA	0	0	
mORF+_3550642	3550642	3550701	+	1	60	GTG	TAA	0	0	
mORF+_3550671	3550671	3550745	+	3	75	ATG	TAA	0	0	
mORF+_3550702	3550702	3550758	+	1	57	GTG	TAA	0	0	
mORF+_3550718	3550718	3550753	+	2	36	TTG	TAA	0	0	
mORF+_3550767	3550767	3550787	+	3	21	GTG	TAA	0	0	
mORF+_3550796	3550796	3550843	+	2	48	GTG	TAG	0	0	
mORF+_3550798	3550798	3550884	+	1	87	GTG	TAA	0	0	
mORF+_3550844	3550844	3550888	+	2	45	ATG	TGA	0	0	
mORF+_3550885	3550885	3550941	+	1	57	ATG	TAG	0	0	
mORF+_3550942	3550942	3550953	+	1	12	GTG	TAA	0	0	
mORF+_3550947	3550947	3551072	+	3	126	TTG	TAA	0	0	
mORF+_3550961	3550961	3550972	+	2	12	TTG	TGA	0	0	
mORF+_3550969	3550969	3551019	+	1	51	GTG	TAG	0	0	
mORF+_3551092	3551092	3551100	+	1	9	GTG	TGA	0	0	
mORF+_3551097	3551097	3551165	+	3	69	GTG	TGA	0	0	

mORF_+_3551107	3551107	3553812	+	1	2706	ATG	TAA	6	24	pORF_+_3551107
mORF_+_3551162	3551162	3551215	+	2	54	GTG	TGA	0	0	
mORF_+_3551259	3551259	3551303	+	3	45	GTG	TGA	0	0	
mORF_+_3551300	3551300	3551422	+	2	123	ATG	TGA	0	0	
mORF_+_3551382	3551382	3551387	+	3	6	ATG	TGA	0	0	
mORF_+_3551447	3551447	3551503	+	2	57	TTG	TGA	0	0	
mORF_+_3551460	3551460	3551468	+	3	9	ATG	TAG	0	0	
mORF_+_3551606	3551606	3551779	+	2	174	TTG	TAA	0	0	
mORF_+_3551694	3551694	3551717	+	3	24	TTG	TGA	0	0	
mORF_+_3551739	3551739	3551747	+	3	9	TTG	TGA	0	0	
mORF_+_3551757	3551757	3551819	+	3	63	TTG	TAA	0	0	
mORF_+_3551846	3551846	3551923	+	2	78	ATG	TGA	0	0	
mORF_+_3551951	3551951	3551971	+	2	21	ATG	TGA	0	0	
mORF_+_3552008	3552008	3552220	+	2	213	TTG	TGA	0	0	
mORF_+_3552054	3552054	3552083	+	3	30	GTG	TAA	0	0	
mORF_+_3552105	3552105	3552242	+	3	138	GTG	TAA	0	0	
mORF_+_3552309	3552309	3552392	+	3	84	GTG	TAA	0	0	
mORF_+_3552407	3552407	3552619	+	2	213	GTG	TGA	0	0	
mORF_+_3552671	3552671	3552700	+	2	30	ATG	TAA	0	0	
mORF_+_3552690	3552690	3552713	+	3	24	GTG	TGA	0	0	
mORF_+_3552710	3552710	3552778	+	2	69	GTG	TGA	0	0	
mORF_+_3552747	3552747	3552815	+	3	69	GTG	TGA	0	0	
mORF_+_3552812	3552812	3552952	+	2	141	ATG	TGA	0	0	
mORF_+_3552846	3552846	3552869	+	3	24	ATG	TGA	0	0	
mORF_+_3552936	3552936	3552977	+	3	42	GTG	TGA	0	0	
mORF_+_3552971	3552971	3552982	+	2	12	GTG	TAG	0	0	
mORF_+_3553028	3553028	3553078	+	2	51	ATG	TGA	0	0	
mORF_+_3553148	3553148	3553276	+	2	129	TTG	TGA	1	5	pORF_+_3553148
mORF_+_3553176	3553176	3553220	+	3	45	ATG	TGA	0	0	
mORF_+_3553340	3553340	3553372	+	2	33	GTG	TAA	0	0	
mORF_+_3553406	3553406	3553450	+	2	45	TTG	TGA	0	0	
mORF_+_3553547	3553547	3553573	+	2	27	ATG	TAA	0	0	
mORF_+_3553622	3553622	3553645	+	2	24	GTG	TGA	0	0	
mORF_+_3553626	3553626	3553667	+	3	42	ATG	TGA	0	0	
mORF_+_3553664	3553664	3553789	+	2	126	ATG	TGA	0	0	
mORF_+_3553862	3553862	3554056	+	2	195	ATG	TAG	0	0	
mORF_+_3553948	3553948	3553956	+	1	9	ATG	TGA	0	0	
mORF_+_3553953	3553953	3553973	+	3	21	ATG	TAA	0	0	
mORF_+_3553960	3553960	3554004	+	1	45	ATG	TAG	0	0	
mORF_+_3554011	3554011	3554283	+	1	273	TTG	TAA	0	0	
mORF_+_3554046	3554046	3554102	+	3	57	TTG	TGA	0	0	
mORF_+_3554135	3554135	3554203	+	2	69	GTG	TGA	0	0	
mORF_+_3554238	3554238	3554243	+	3	6	GTG	TAG	0	0	
mORF_+_3554309	3554309	3554395	+	2	87	ATG	TAA	0	0	
mORF_+_3554329	3554329	3554409	+	1	81	TTG	TAA	0	0	
mORF_+_3554346	3554346	3554471	+	3	126	ATG	TAA	0	0	
mORF_+_3554414	3554414	3554425	+	2	12	GTG	TGA	0	0	
mORF_+_3554419	3554419	3555540	+	1	1122	TTG	TGA	0	0	
mORF_+_3554501	3554501	3554611	+	2	111	GTG	TAA	0	0	
mORF_+_3554627	3554627	3554899	+	2	273	GTG	TGA	0	0	
mORF_+_3554679	3554679	3554768	+	3	90	TTG	TGA	0	0	
mORF_+_3554775	3554775	3554915	+	3	141	ATG	TAA	0	0	
mORF_+_3554934	3554934	3555047	+	3	114	GTG	TGA	0	0	
mORF_+_3555020	3555020	3555034	+	2	15	GTG	TGA	0	0	
mORF_+_3555147	3555147	3555170	+	3	24	TTG	TAA	0	0	
mORF_+_3555257	3555257	3555265	+	2	9	TTG	TGA	0	0	
mORF_+_3555269	3555269	3555409	+	2	141	TTG	TAA	0	0	
mORF_+_3555294	3555294	3555305	+	3	12	GTG	TGA	0	0	
mORF_+_3555330	3555330	3555368	+	3	39	ATG	TAA	0	0	
mORF_+_3555492	3555492	3555506	+	3	15	GTG	TAA	0	0	
mORF_+_3555518	3555518	3555634	+	2	117	ATG	TAG	0	0	
mORF_+_3555537	3555537	3555557	+	3	21	GTG	TAA	0	0	
mORF_+_3555547	3555547	3555672	+	1	126	GTG	TAA	0	0	

mORF_+_3555638	3555638	3555679	+	2	42	TTG	TGA	0	0	
mORF_+_3555723	3555723	3555902	+	3	180	GTG	TAA	0	0	
mORF_+_3555764	3555764	3555802	+	2	39	GTG	TGA	0	0	
mORF_+_3555775	3555775	3555843	+	1	69	GTG	TAA	0	0	
mORF_+_3555911	3555911	3556021	+	2	111	TTG	TGA	0	0	
mORF_+_3555952	3555952	3556089	+	1	138	GTG	TAA	0	0	
mORF_+_3556049	3556049	3556096	+	2	48	TTG	TAA	0	0	
mORF_+_3556103	3556103	3556135	+	2	33	TTG	TGA	0	0	
mORF_+_3556120	3556120	3556164	+	1	45	TTG	TAA	0	0	
mORF_+_3556139	3556139	3556168	+	2	30	TTG	TAA	0	0	
mORF_+_3556190	3556190	3556198	+	2	9	TTG	TAA	0	0	
mORF_+_3556258	3556258	3556278	+	1	21	ATG	TAA	0	0	
mORF_+_3556290	3556290	3557888	+	3	1599	ATG	TGA	0	0	
mORF_+_3556309	3556309	3556509	+	1	201	TTG	TGA	0	0	
mORF_+_3556367	3556367	3556459	+	2	93	ATG	TGA	0	0	
mORF_+_3556513	3556513	3556617	+	1	105	TTG	TAA	0	0	
mORF_+_3556535	3556535	3556570	+	2	36	GTG	TGA	0	0	
mORF_+_3556652	3556652	3556747	+	2	96	TTG	TGA	0	0	
mORF_+_3556744	3556744	3556752	+	1	9	GTG	TAA	0	0	
mORF_+_3556801	3556801	3556878	+	1	78	TTG	TGA	0	0	
mORF_+_3556879	3556879	3556977	+	1	99	TTG	TAG	0	0	
mORF_+_3557014	3557014	3557025	+	1	12	TTG	TGA	0	0	
mORF_+_3557068	3557068	3557079	+	1	12	TTG	TAA	0	0	
mORF_+_3557110	3557110	3557199	+	1	90	GTG	TGA	0	0	
mORF_+_3557206	3557206	3557250	+	1	45	TTG	TGA	0	0	
mORF_+_3557254	3557254	3557610	+	1	357	GTG	TAA	0	0	
mORF_+_3557510	3557510	3557521	+	2	12	ATG	TAA	0	0	
mORF_+_3557773	3557773	3557850	+	1	78	TTG	TGA	0	0	
mORF_+_3557852	3557852	3558199	+	2	348	GTG	TAA	0	0	
mORF_+_3557940	3557940	3557945	+	3	6	GTG	TAG	0	0	
mORF_+_3557958	3557958	3558008	+	3	51	ATG	TGA	0	0	
mORF_+_3558045	3558045	3558074	+	3	30	ATG	TAA	0	0	
mORF_+_3558105	3558105	3558293	+	3	189	ATG	TGA	0	0	
mORF_+_3558290	3558290	3558634	+	2	345	GTG	TAA	0	0	
mORF_+_3558294	3558294	3558473	+	3	180	TTG	TGA	0	0	
mORF_+_3558301	3558301	3558342	+	1	42	GTG	TAA	0	0	
mORF_+_3558507	3558507	3558575	+	3	69	TTG	TAA	0	0	
mORF_+_3558606	3558606	3558611	+	3	6	TTG	TGA	0	0	
mORF_+_3558616	3558616	3558807	+	1	192	GTG	TAA	0	0	
mORF_+_3558714	3558714	3558791	+	3	78	GTG	TAA	0	0	
mORF_+_3558716	3558716	3558787	+	2	72	GTG	TAA	0	0	
mORF_+_3558798	3558798	3558839	+	3	42	TTG	TAG	0	0	
mORF_+_3558808	3558808	3558849	+	1	42	ATG	TAG	0	0	
mORF_+_3558906	3558906	3558926	+	3	21	TTG	TAA	0	0	
mORF_+_3558946	3558946	3559065	+	1	120	ATG	TAA	0	0	
mORF_+_3559026	3559026	3559049	+	3	24	ATG	TAA	0	0	
mORF_+_3559053	3559053	3559115	+	3	63	GTG	TAA	0	0	
mORF_+_3559085	3559085	3559153	+	2	69	GTG	TAA	0	0	
mORF_+_3559140	3559140	3559553	+	3	414	TTG	TGA	0	0	
mORF_+_3559144	3559144	3559230	+	1	87	ATG	TAA	0	0	
mORF_+_3559393	3559393	3559422	+	1	30	GTG	TAA	0	0	
mORF_+_3559478	3559478	3559720	+	2	243	TTG	TAA	0	0	
mORF_+_3559581	3559581	3559589	+	3	9	ATG	TAG	0	0	
mORF_+_3559632	3559632	3559649	+	3	18	TTG	TGA	0	0	
mORF_+_3559671	3559671	3559841	+	3	171	GTG	TGA	0	0	
mORF_+_3559721	3559721	3559942	+	2	222	ATG	TAA	0	0	
mORF_+_3559747	3559747	3559827	+	1	81	TTG	TAA	0	0	
mORF_+_3559845	3559845	3559913	+	3	69	ATG	TAA	0	0	
mORF_+_3559944	3559944	3560015	+	3	72	ATG	TAA	0	0	
mORF_+_3559955	3559955	3560008	+	2	54	ATG	TGA	0	0	
mORF_+_3560005	3560005	3560028	+	1	24	ATG	TGA	0	0	
mORF_+_3560021	3560021	3561541	+	2	1521	GTG	TAA	66	1545	pORF_+_3560021
mORF_+_3560025	3560025	3560054	+	3	30	ATG	TGA	0	0	

mORF_+_3560055	3560055	3560060	+	3	6	TTG	TGA	0	0	
mORF_+_3560076	3560076	3560126	+	3	51	ATG	TGA	0	0	
mORF_+_3560149	3560149	3560205	+	1	57	TTG	TGA	0	0	
mORF_+_3560187	3560187	3560261	+	3	75	GTG	TGA	0	0	
mORF_+_3560329	3560329	3560373	+	1	45	GTG	TAA	0	0	
mORF_+_3560343	3560343	3560429	+	3	87	TTG	TAA	0	0	
mORF_+_3560467	3560467	3560520	+	1	54	TTG	TAA	0	0	
mORF_+_3560578	3560578	3560622	+	1	45	GTG	TAG	0	0	
mORF_+_3560583	3560583	3560666	+	3	84	TTG	TGA	1	2	pORF_+_3560583
mORF_+_3560659	3560659	3560793	+	1	135	GTG	TAA	0	0	
mORF_+_3560706	3560706	3560720	+	3	15	ATG	TGA	0	0	
mORF_+_3560736	3560736	3560810	+	3	75	TTG	TGA	0	0	
mORF_+_3560815	3560815	3560889	+	1	75	GTG	TGA	0	0	
mORF_+_3560850	3560850	3560882	+	3	33	ATG	TGA	0	0	
mORF_+_3560886	3560886	3560915	+	3	30	TTG	TGA	0	0	
mORF_+_3560916	3560916	3560948	+	3	33	ATG	TAA	0	0	
mORF_+_3560952	3560952	3561101	+	3	150	GTG	TGA	0	0	
mORF_+_3560992	3560992	3560997	+	1	6	GTG	TGA	0	0	
mORF_+_3561126	3561126	3561143	+	3	18	ATG	TAA	0	0	
mORF_+_3561162	3561162	3561263	+	3	102	TTG	TGA	0	0	
mORF_+_3561172	3561172	3561210	+	1	39	ATG	TGA	0	0	
mORF_+_3561327	3561327	3561341	+	3	15	ATG	TAA	0	0	
mORF_+_3561366	3561366	3561389	+	3	24	ATG	TGA	0	0	
mORF_+_3561409	3561409	3561546	+	1	138	ATG	TAA	0	0	
mORF_+_3561468	3561468	3561491	+	3	24	ATG	TGA	0	0	
mORF_+_3561553	3561553	3561582	+	1	30	GTG	TGA	0	0	
mORF_+_3561588	3561588	3561830	+	3	243	ATG	TAG	0	0	
mORF_+_3561610	3561610	3561654	+	1	45	ATG	TGA	0	0	
mORF_+_3561641	3561641	3561706	+	2	66	ATG	TGA	0	0	
mORF_+_3561661	3561661	3561672	+	1	12	ATG	TAG	0	0	
mORF_+_3561703	3561703	3561789	+	1	87	ATG	TAA	0	0	
mORF_+_3561719	3561719	3561733	+	2	15	TTG	TAA	0	0	
mORF_+_3561836	3561836	3561856	+	2	21	ATG	TAA	0	0	
mORF_+_3561862	3561862	3561876	+	1	15	TTG	TAA	0	0	
mORF_+_3561878	3561878	3561889	+	2	12	TTG	TGA	0	0	
mORF_+_3561886	3561886	3562056	+	1	171	GTG	TGA	0	0	
mORF_+_3561960	3561960	3562049	+	3	90	TTG	TGA	0	0	
mORF_+_3562046	3562046	3563161	+	2	1116	TTG	TGA	0	0	
mORF_+_3562050	3562050	3562154	+	3	105	ATG	TGA	0	0	
mORF_+_3562078	3562078	3562107	+	1	30	TTG	TGA	0	0	
mORF_+_3562203	3562203	3562229	+	3	27	TTG	TAG	0	0	
mORF_+_3562236	3562236	3562277	+	3	42	TTG	TGA	0	0	
mORF_+_3562258	3562258	3562362	+	1	105	TTG	TGA	0	0	
mORF_+_3562359	3562359	3562388	+	3	30	TTG	TAG	0	0	
mORF_+_3562479	3562479	3562484	+	3	6	TTG	TAG	0	0	
mORF_+_3562518	3562518	3562556	+	3	39	GTG	TGA	0	0	
mORF_+_3562623	3562623	3562718	+	3	96	ATG	TAG	0	0	
mORF_+_3562725	3562725	3562799	+	3	75	ATG	TGA	0	0	
mORF_+_3562803	3562803	3562820	+	3	18	ATG	TAA	0	0	
mORF_+_3562887	3562887	3562901	+	3	15	TTG	TAG	0	0	
mORF_+_3562938	3562938	3562949	+	3	12	TTG	TGA	0	0	
mORF_+_3562956	3562956	3563054	+	3	99	TTG	TGA	0	0	
mORF_+_3562981	3562981	3563070	+	1	90	TTG	TAA	0	0	
mORF_+_3563074	3563074	3563106	+	1	33	TTG	TAA	0	0	
mORF_+_3563121	3563121	3563435	+	3	315	GTG	TAG	0	0	
mORF_+_3563167	3563167	3563214	+	1	48	ATG	TGA	0	0	
mORF_+_3563264	3563264	3563713	+	2	450	TTG	TAA	0	0	
mORF_+_3563439	3563439	3563465	+	3	27	TTG	TGA	0	0	
mORF_+_3563526	3563526	3563540	+	3	15	GTG	TAG	0	0	
mORF_+_3563646	3563646	3563654	+	3	9	TTG	TGA	0	0	
mORF_+_3563715	3563715	3563723	+	3	9	ATG	TGA	0	0	
mORF_+_3563724	3563724	3563753	+	3	30	ATG	TGA	0	0	
mORF_+_3563781	3563781	3563852	+	3	72	GTG	TAG	0	0	

mORF+_3563822	3563822	3564187	+	2	366	GTG	TAA	0	0
mORF+_3563862	3563862	3563939	+	3	78	TTG	TAA	0	0
mORF+_3564018	3564018	3564044	+	3	27	ATG	TAG	0	0
mORF+_3564048	3564048	3564095	+	3	48	GTG	TAG	0	0
mORF+_3564126	3564126	3564149	+	3	24	ATG	TAG	0	0
mORF+_3564159	3564159	3564167	+	3	9	ATG	TAA	0	0
mORF+_3564301	3564301	3564525	+	1	225	GTG	TAA	0	0
mORF+_3564339	3564339	3564386	+	3	48	ATG	TAG	0	0
mORF+_3564404	3564404	3564427	+	2	24	TTG	TGA	0	0
mORF+_3564488	3564488	3564583	+	2	96	ATG	TGA	0	0
mORF+_3564495	3564495	3564539	+	3	45	TTG	TAA	0	0
mORF+_3564573	3564573	3564608	+	3	36	GTG	TAG	0	0
mORF+_3564580	3564580	3564591	+	1	12	ATG	TAA	0	0
mORF+_3564685	3564685	3564693	+	1	9	TTG	TAG	0	0
mORF+_3564701	3564701	3564721	+	2	21	TTG	TGA	0	0
mORF+_3564718	3564718	3564756	+	1	39	GTG	TAG	0	0
mORF+_3564864	3564864	3564905	+	3	42	GTG	TAA	0	0
mORF+_3564908	3564908	3564916	+	2	9	TTG	TAA	0	0
mORF+_3564948	3564948	3564992	+	3	45	ATG	TGA	0	0
mORF+_3564974	3564974	3565081	+	2	108	ATG	TAG	0	0
mORF+_3564982	3564982	3565200	+	1	219	ATG	TAA	0	0
mORF+_3565207	3565207	3565401	+	1	195	TTG	TGA	0	0
mORF+_3565214	3565214	3565219	+	2	6	TTG	TAA	0	0
mORF+_3565260	3565260	3565265	+	3	6	GTG	TAA	0	0
mORF+_3565349	3565349	3565513	+	2	165	GTG	TGA	0	0
mORF+_3565398	3565398	3565415	+	3	18	GTG	TAG	0	0
mORF+_3565417	3565417	3565425	+	1	9	TTG	TGA	0	0
mORF+_3565434	3565434	3565439	+	3	6	ATG	TGA	0	0
mORF+_3565482	3565482	3565499	+	3	18	TTG	TGA	0	0
mORF+_3565510	3565510	3565584	+	1	75	ATG	TAA	0	0
mORF+_3565523	3565523	3565759	+	2	237	TTG	TAA	0	0
mORF+_3565527	3565527	3565541	+	3	15	ATG	TGA	0	0
mORF+_3565554	3565554	3565562	+	3	9	ATG	TGA	0	0
mORF+_3565572	3565572	3565751	+	3	180	TTG	TAG	0	0
mORF+_3565678	3565678	3565857	+	1	180	ATG	TGA	0	0
mORF+_3565761	3565761	3565772	+	3	12	TTG	TGA	0	0
mORF+_3565769	3565769	3565981	+	2	213	GTG	TAA	0	0
mORF+_3565821	3565821	3565838	+	3	18	ATG	TAA	0	0
mORF+_3565854	3565854	3566186	+	3	333	GTG	TAA	0	0
mORF+_3565927	3565927	3565992	+	1	66	ATG	TAA	0	0
mORF+_3566042	3566042	3566047	+	2	6	ATG	TAA	0	0
mORF+_3566071	3566071	3566079	+	1	9	ATG	TAA	0	0
mORF+_3566111	3566111	3566131	+	2	21	ATG	TAG	0	0
mORF+_3566171	3566171	3566428	+	2	258	ATG	TAG	0	0
mORF+_3566277	3566277	3566363	+	3	87	ATG	TAA	0	0
mORF+_3566374	3566374	3566415	+	1	42	GTG	TAA	0	0
mORF+_3566415	3566415	3566609	+	3	195	ATG	TGA	0	0
mORF+_3566429	3566429	3566506	+	2	78	GTG	TAA	0	0
mORF+_3566557	3566557	3566751	+	1	195	TTG	TGA	0	0
mORF+_3566606	3566606	3566689	+	2	84	GTG	TAG	0	0
mORF+_3566729	3566729	3566887	+	2	159	TTG	TGA	0	0
mORF+_3566748	3566748	3566762	+	3	15	TTG	TAG	0	0
mORF+_3566820	3566820	3566894	+	3	75	ATG	TAA	0	0
mORF+_3566884	3566884	3567087	+	1	204	GTG	TGA	0	0
mORF+_3566915	3566915	3566920	+	2	6	TTG	TAG	0	0
mORF+_3566972	3566972	3567100	+	2	129	ATG	TGA	0	0
mORF+_3567039	3567039	3567080	+	3	42	GTG	TGA	0	0
mORF+_3567084	3567084	3567137	+	3	54	ATG	TGA	0	0
mORF+_3567101	3567101	3567328	+	2	228	ATG	TGA	0	0
mORF+_3567103	3567103	3567246	+	1	144	GTG	TAA	0	0
mORF+_3567228	3567228	3567347	+	3	120	TTG	TAA	0	0
mORF+_3567325	3567325	3567342	+	1	18	GTG	TAA	0	0
mORF+_3567350	3567350	3567421	+	2	72	ATG	TAA	0	0

mORF_+_3567393	3567393	3567479	+	3	87	GTG	TAA	0	0
mORF_+_3567446	3567446	3567511	+	2	66	ATG	TAA	0	0
mORF_+_3567454	3567454	3567591	+	1	138	ATG	TGA	0	0
mORF_+_3567512	3567512	3567694	+	2	183	TTG	TAA	0	0
mORF_+_3567543	3567543	3567584	+	3	42	TTG	TAA	0	0
mORF_+_3567588	3567588	3567605	+	3	18	TTG	TAG	0	0
mORF_+_3567616	3567616	3567753	+	1	138	TTG	TGA	0	0
mORF_+_3567675	3567675	3567683	+	3	9	ATG	TAA	0	0
mORF_+_3567695	3567695	3567985	+	2	291	ATG	TGA	0	0
mORF_+_3567741	3567741	3567809	+	3	69	TTG	TAA	0	0
mORF_+_3567763	3567763	3567786	+	1	24	TTG	TGA	0	0
mORF_+_3567852	3567852	3567899	+	3	48	GTG	TAA	0	0
mORF_+_3567856	3567856	3567915	+	1	60	ATG	TGA	0	0
mORF_+_3567912	3567912	3568130	+	3	219	ATG	TAG	0	0
mORF_+_3567916	3567916	3567927	+	1	12	TTG	TAA	0	0
mORF_+_3567928	3567928	3568125	+	1	198	TTG	TAA	0	0
mORF_+_3568158	3568158	3568241	+	3	84	ATG	TAA	0	0
mORF_+_3568321	3568321	3568377	+	1	57	ATG	TAA	0	0
mORF_+_3568356	3568356	3568517	+	3	162	GTG	TAA	0	0
mORF_+_3568423	3568423	3568455	+	1	33	TTG	TGA	0	0
mORF_+_3568545	3568545	3568700	+	3	156	ATG	TAG	0	0
mORF_+_3568549	3568549	3568683	+	1	135	TTG	TAA	0	0
mORF_+_3568592	3568592	3568600	+	2	9	GTG	TGA	0	0
mORF_+_3568601	3568601	3568765	+	2	165	TTG	TAA	0	0
mORF_+_3568705	3568705	3568785	+	1	81	ATG	TAG	0	0
mORF_+_3568710	3568710	3568862	+	3	153	TTG	TAA	0	0
mORF_+_3568786	3568786	3568818	+	1	33	TTG	TAA	0	0
mORF_+_3568819	3568819	3568884	+	1	66	GTG	TAA	0	0
mORF_+_3568872	3568872	3569405	+	3	534	ATG	TGA	0	0
mORF_+_3568885	3568885	3568938	+	1	54	ATG	TAG	0	0
mORF_+_3568969	3568969	3568989	+	1	21	ATG	TAG	0	0
mORF_+_3569176	3569176	3569205	+	1	30	ATG	TAG	0	0
mORF_+_3569221	3569221	3569259	+	1	39	TTG	TGA	0	0
mORF_+_3569270	3569270	3569275	+	2	6	GTG	TGA	0	0
mORF_+_3569272	3569272	3569289	+	1	18	GTG	TGA	0	0
mORF_+_3569320	3569320	3569367	+	1	48	TTG	TAG	0	0
mORF_+_3569336	3569336	3569383	+	2	48	GTG	TAG	0	0
mORF_+_3569377	3569377	3569490	+	1	114	GTG	TGA	0	0
mORF_+_3569399	3569399	3569833	+	2	435	ATG	TAG	0	0
mORF_+_3569439	3569439	3569468	+	3	30	GTG	TGA	0	0
mORF_+_3569475	3569475	3569534	+	3	60	ATG	TAA	0	0
mORF_+_3569571	3569571	3569699	+	3	129	ATG	TAG	0	0
mORF_+_3569680	3569680	3569703	+	1	24	TTG	TGA	0	0
mORF_+_3569700	3569700	3569867	+	3	168	GTG	TAG	0	0
mORF_+_3569848	3569848	3570147	+	1	300	ATG	TAG	0	0
mORF_+_3569910	3569910	3569984	+	3	75	ATG	TAG	0	0
mORF_+_3569936	3569936	3570301	+	2	366	GTG	TGA	0	0
mORF_+_3569985	3569985	3569990	+	3	6	TTG	TAG	0	0
mORF_+_3570048	3570048	3570053	+	3	6	ATG	TAG	0	0
mORF_+_3570060	3570060	3570284	+	3	225	GTG	TAG	0	0
mORF_+_3570160	3570160	3570381	+	1	222	TTG	TGA	0	0
mORF_+_3570399	3570399	3570404	+	3	6	TTG	TAG	0	0
mORF_+_3570411	3570411	3570425	+	3	15	GTG	TGA	0	0
mORF_+_3570425	3570425	3570670	+	2	246	ATG	TAG	0	0
mORF_+_3570465	3570465	3570569	+	3	105	GTG	TAA	0	0
mORF_+_3570550	3570550	3570564	+	1	15	GTG	TGA	0	0
mORF_+_3570601	3570601	3570660	+	1	60	TTG	TAA	0	0
mORF_+_3570660	3570660	3570704	+	3	45	ATG	TAA	0	0
mORF_+_3570677	3570677	3571153	+	2	477	GTG	TAA	0	0
mORF_+_3570747	3570747	3570782	+	3	36	TTG	TGA	0	0
mORF_+_3570799	3570799	3570870	+	1	72	TTG	TAA	0	0
mORF_+_3570825	3570825	3570911	+	3	87	TTG	TAA	0	0
mORF_+_3570933	3570933	3570965	+	3	33	TTG	TAG	0	0

mORF+_3571005	3571005	3571037	+	3	33	ATG	TGA	0	0
mORF+_3571056	3571056	3571175	+	3	120	TTG	TGA	0	0
mORF+_3571090	3571090	3571122	+	1	33	TTG	TGA	0	0
mORF+_3571172	3571172	3571189	+	2	18	GTG	TAA	0	0
mORF+_3571250	3571250	3571333	+	2	84	TTG	TGA	0	0
mORF+_3571308	3571308	3571586	+	3	279	ATG	TGA	0	0
mORF+_3571330	3571330	3571398	+	1	69	GTG	TAG	0	0
mORF+_3571442	3571442	3571489	+	2	48	ATG	TAG	0	0
mORF+_3571528	3571528	3571602	+	1	75	TTG	TGA	0	0
mORF+_3571544	3571544	3571573	+	2	30	TTG	TGA	0	0
mORF+_3571583	3571583	3571597	+	2	15	GTG	TGA	0	0
mORF+_3571618	3571618	3571686	+	1	69	GTG	TAA	0	0
mORF+_3571667	3571667	3571693	+	2	27	ATG	TAG	0	0
mORF+_3571697	3571697	3571726	+	2	30	ATG	TGA	0	0
mORF+_3571723	3571723	3571794	+	1	72	ATG	TAA	0	0
mORF+_3571787	3571787	3571810	+	2	24	ATG	TGA	0	0
mORF+_3571807	3571807	3571875	+	1	69	TTG	TGA	0	0
mORF+_3571922	3571922	3572191	+	2	270	GTG	TGA	0	0
mORF+_3572008	3572008	3572112	+	1	105	GTG	TAA	0	0
mORF+_3572070	3572070	3572144	+	3	75	ATG	TGA	0	0
mORF+_3572207	3572207	3572422	+	2	216	TTG	TAG	0	0
mORF+_3572286	3572286	3572291	+	3	6	TTG	TGA	0	0
mORF+_3572347	3572347	3572376	+	1	30	ATG	TAA	0	0
mORF+_3572389	3572389	3572463	+	1	75	ATG	TAA	0	0
mORF+_3572424	3572424	3572522	+	3	99	TTG	TGA	0	0
mORF+_3572453	3572453	3572557	+	2	105	TTG	TGA	0	0
mORF+_3572558	3572558	3572626	+	2	69	TTG	TAA	0	0
mORF+_3572607	3572607	3572699	+	3	93	ATG	TGA	0	0
mORF+_3572629	3572629	3572715	+	1	87	TTG	TAG	0	0
mORF+_3572666	3572666	3572674	+	2	9	TTG	TAA	0	0
mORF+_3572696	3572696	3572740	+	2	45	ATG	TGA	0	0
mORF+_3572742	3572742	3572795	+	3	54	GTG	TAG	0	0
mORF+_3572744	3572744	3572788	+	2	45	GTG	TGA	0	0
mORF+_3572813	3572813	3573097	+	2	285	ATG	TGA	0	0
mORF+_3572845	3572845	3572937	+	1	93	TTG	TAA	0	0
mORF+_3572925	3572925	3572999	+	3	75	GTG	TGA	0	0
mORF+_3572938	3572938	3573012	+	1	75	ATG	TGA	0	0
mORF+_3573009	3573009	3573053	+	3	45	ATG	TAG	0	0
mORF+_3573087	3573087	3573101	+	3	15	TTG	TGA	0	0
mORF+_3573094	3573094	3573687	+	1	594	ATG	TAA	0	0
mORF+_3573098	3573098	3573127	+	2	30	ATG	TGA	0	0
mORF+_3573230	3573230	3573244	+	2	15	TTG	TGA	0	0
mORF+_3573260	3573260	3573340	+	2	81	TTG	TGA	0	0
mORF+_3573398	3573398	3573436	+	2	39	GTG	TAG	0	0
mORF+_3573512	3573512	3573598	+	2	87	TTG	TGA	0	0
mORF+_3573605	3573605	3573616	+	2	12	TTG	TGA	0	0
mORF+_3573672	3573672	3573998	+	3	327	GTG	TAA	0	0
mORF+_3573778	3573778	3573954	+	1	177	ATG	TAG	0	0
mORF+_3574009	3574009	3574023	+	1	15	GTG	TGA	0	0
mORF+_3574024	3574024	3574194	+	1	171	ATG	TGA	0	0
mORF+_3574100	3574100	3574138	+	2	39	GTG	TGA	0	0
mORF+_3574182	3574182	3574325	+	3	144	TTG	TGA	0	0
mORF+_3574213	3574213	3574233	+	1	21	TTG	TGA	0	0
mORF+_3574220	3574220	3574285	+	2	66	TTG	TAA	0	0
mORF+_3574322	3574322	3574402	+	2	81	TTG	TGA	0	0
mORF+_3574351	3574351	3574476	+	1	126	ATG	TAA	0	0
mORF+_3574412	3574412	3574447	+	2	36	ATG	TGA	0	0
mORF+_3574434	3574434	3574646	+	3	213	ATG	TAA	0	0
mORF+_3574483	3574483	3574779	+	1	297	ATG	TAA	0	0
mORF+_3574526	3574526	3574708	+	2	183	TTG	TAA	0	0
mORF+_3574680	3574680	3574694	+	3	15	GTG	TGA	0	0
mORF+_3574779	3574779	3574850	+	3	72	ATG	TAA	0	0
mORF+_3574804	3574804	3574827	+	1	24	TTG	TGA	0	0

mORF_+_3574855	3574855	3575145	+	1	291	TTG	TGA	0	0
mORF_+_3575004	3575004	3575027	+	3	24	GTG	TAA	0	0
mORF_+_3575075	3575075	3575080	+	2	6	ATG	TAG	0	0
mORF_+_3575120	3575120	3575230	+	2	111	TTG	TAA	0	0
mORF_+_3575142	3575142	3575774	+	3	633	TTG	TGA	0	0
mORF_+_3575242	3575242	3575292	+	1	51	TTG	TAG	0	0
mORF_+_3575293	3575293	3575337	+	1	45	ATG	TAG	0	0
mORF_+_3575348	3575348	3575380	+	2	33	ATG	TAG	0	0
mORF_+_3575380	3575380	3575520	+	1	141	GTG	TGA	0	0
mORF_+_3575447	3575447	3575605	+	2	159	GTG	TAG	0	0
mORF_+_3575554	3575554	3575586	+	1	33	TTG	TAA	0	0
mORF_+_3575587	3575587	3575595	+	1	9	ATG	TGA	0	0
mORF_+_3575608	3575608	3575643	+	1	36	GTG	TAA	0	0
mORF_+_3575674	3575674	3575727	+	1	54	TTG	TAA	0	0
mORF_+_3575711	3575711	3575719	+	2	9	ATG	TAA	0	0
mORF_+_3575720	3575720	3575761	+	2	42	GTG	TAG	0	0
mORF_+_3575728	3575728	3575733	+	1	6	GTG	TGA	0	0
mORF_+_3575746	3575746	3575757	+	1	12	TTG	TAA	0	0
mORF_+_3575771	3575771	3575782	+	2	12	GTG	TGA	0	0
mORF_+_3575779	3575779	3575910	+	1	132	GTG	TGA	0	0
mORF_+_3575804	3575804	3576163	+	2	360	GTG	TGA	0	0
mORF_+_3575914	3575914	3575922	+	1	9	ATG	TGA	0	0
mORF_+_3575919	3575919	3575963	+	3	45	ATG	TAA	0	0
mORF_+_3576093	3576093	3576347	+	3	255	TTG	TAA	0	0
mORF_+_3576160	3576160	3576198	+	1	39	TTG	TAG	0	0
mORF_+_3576185	3576185	3576226	+	2	42	GTG	TAA	0	0
mORF_+_3576202	3576202	3576444	+	1	243	ATG	TAA	0	0
mORF_+_3576245	3576245	3576376	+	2	132	GTG	TGA	0	0
mORF_+_3576360	3576360	3576506	+	3	147	GTG	TAA	0	0
mORF_+_3576460	3576460	3576468	+	1	9	ATG	TGA	0	0
mORF_+_3576484	3576484	3576606	+	1	123	GTG	TAG	0	0
mORF_+_3576634	3576634	3576726	+	1	93	TTG	TGA	0	0
mORF_+_3576823	3576823	3576843	+	1	21	GTG	TAG	0	0
mORF_+_3576827	3576827	3576976	+	2	150	TTG	TAA	0	0
mORF_+_3576870	3576870	3576878	+	3	9	TTG	TAA	0	0
mORF_+_3576960	3576960	3577088	+	3	129	ATG	TAA	0	0
mORF_+_3577021	3577021	3577212	+	1	192	ATG	TGA	0	0
mORF_+_3577025	3577025	3577144	+	2	120	ATG	TGA	0	0
mORF_+_3577209	3577209	3577292	+	3	84	ATG	TAA	0	0
mORF_+_3577247	3577247	3577282	+	2	36	TTG	TAA	0	0
mORF_+_3577310	3577310	3577324	+	2	15	ATG	TGA	0	0
mORF_+_3577330	3577330	3577365	+	1	36	ATG	TGA	0	0
mORF_+_3577343	3577343	3577369	+	2	27	GTG	TGA	0	0
mORF_+_3577350	3577350	3577394	+	3	45	TTG	TAA	0	0
mORF_+_3577366	3577366	3577659	+	1	294	GTG	TAA	0	0
mORF_+_3577427	3577427	3577444	+	2	18	TTG	TGA	0	0
mORF_+_3577502	3577502	3577582	+	2	81	GTG	TAA	0	0
mORF_+_3577586	3577586	3577627	+	2	42	TTG	TGA	0	0
mORF_+_3577629	3577629	3577685	+	3	57	TTG	TGA	0	0
mORF_+_3577652	3577652	3577663	+	2	12	TTG	TAG	0	0
mORF_+_3577669	3577669	3577689	+	1	21	TTG	TGA	0	0
mORF_+_3577686	3577686	3577739	+	3	54	ATG	TGA	0	0
mORF_+_3577706	3577706	3577729	+	2	24	GTG	TGA	0	0
mORF_+_3577726	3577726	3577746	+	1	21	ATG	TGA	0	0
mORF_+_3577736	3577736	3577768	+	2	33	GTG	TGA	0	0
mORF_+_3577743	3577743	3578648	+	3	906	TTG	TAG	0	0
mORF_+_3577765	3577765	3577884	+	1	120	TTG	TAA	0	0
mORF_+_3577886	3577886	3577903	+	2	18	TTG	TGA	0	0
mORF_+_3577900	3577900	3577911	+	1	12	GTG	TGA	0	0
mORF_+_3577987	3577987	3578115	+	1	129	TTG	TGA	0	0
mORF_+_3578158	3578158	3578184	+	1	27	TTG	TAA	0	0
mORF_+_3578203	3578203	3578247	+	1	45	GTG	TAA	0	0
mORF_+_3578341	3578341	3578364	+	1	24	TTG	TAA	0	0

mORF_+_3578404	3578404	3578463	+	1	60	TTG	TGA	0	0
mORF_+_3578470	3578470	3578688	+	1	219	GTG	TAA	0	0
mORF_+_3578525	3578525	3578536	+	2	12	GTG	TGA	0	0
mORF_+_3578673	3578673	3578927	+	3	255	ATG	TAA	0	0
mORF_+_3578689	3578689	3578781	+	1	93	ATG	TAA	0	0
mORF_+_3578785	3578785	3578865	+	1	81	GTG	TAG	0	0
mORF_+_3578878	3578878	3578973	+	1	96	GTG	TAA	0	0
mORF_+_3578989	3578989	3578994	+	1	6	ATG	TGA	0	0
mORF_+_3578991	3578991	3579035	+	3	45	GTG	TGA	0	0
mORF_+_3578998	3578998	3579102	+	1	105	ATG	TGA	0	0
mORF_+_3579069	3579069	3579113	+	3	45	TTG	TGA	0	0
mORF_+_3579083	3579083	3579649	+	2	567	TTG	TAA	0	0
mORF_+_3579120	3579120	3579164	+	3	45	ATG	TGA	0	0
mORF_+_3579165	3579165	3579173	+	3	9	GTG	TAG	0	0
mORF_+_3579241	3579241	3579336	+	1	96	TTG	TGA	0	0
mORF_+_3579333	3579333	3579458	+	3	126	TTG	TGA	0	0
mORF_+_3579427	3579427	3579474	+	1	48	TTG	TGA	0	0
mORF_+_3579471	3579471	3579500	+	3	30	TTG	TAG	0	0
mORF_+_3579478	3579478	3579510	+	1	33	GTG	TGA	0	0
mORF_+_3579507	3579507	3579515	+	3	9	TTG	TAA	0	0
mORF_+_3579522	3579522	3579644	+	3	123	TTG	TGA	0	0
mORF_+_3579654	3579654	3579668	+	3	15	GTG	TGA	0	0
mORF_+_3579670	3579670	3579741	+	1	72	ATG	TGA	0	0
mORF_+_3579681	3579681	3579755	+	3	75	GTG	TAA	0	0
mORF_+_3579722	3579722	3579748	+	2	27	TTG	TAA	0	0
mORF_+_3579768	3579768	3579773	+	3	6	GTG	TAA	0	0
mORF_+_3579843	3579843	3579860	+	3	18	TTG	TAG	0	0
mORF_+_3579862	3579862	3579870	+	1	9	ATG	TAA	0	0
mORF_+_3579886	3579886	3581064	+	1	1179	ATG	TGA	0	0
mORF_+_3579896	3579896	3579907	+	2	12	TTG	TGA	0	0
mORF_+_3579945	3579945	3579959	+	3	15	TTG	TGA	0	0
mORF_+_3579947	3579947	3580021	+	2	75	GTG	TAA	0	0
mORF_+_3579975	3579975	3579992	+	3	18	TTG	TGA	0	0
mORF_+_3580043	3580043	3580066	+	2	24	TTG	TAA	0	0
mORF_+_3580071	3580071	3580076	+	3	6	TTG	TAA	0	0
mORF_+_3580082	3580082	3580162	+	2	81	TTG	TAA	0	0
mORF_+_3580169	3580169	3580204	+	2	36	TTG	TAA	0	0
mORF_+_3580241	3580241	3580270	+	2	30	TTG	TAA	0	0
mORF_+_3580280	3580280	3580408	+	2	129	ATG	TAA	0	0
mORF_+_3580421	3580421	3580510	+	2	90	TTG	TAA	0	0
mORF_+_3580517	3580517	3580531	+	2	15	ATG	TAA	0	0
mORF_+_3580532	3580532	3580552	+	2	21	ATG	TAG	0	0
mORF_+_3580592	3580592	3580615	+	2	24	ATG	TAA	0	0
mORF_+_3580655	3580655	3580666	+	2	12	TTG	TAG	0	0
mORF_+_3580766	3580766	3580816	+	2	51	TTG	TAA	0	0
mORF_+_3580832	3580832	3580843	+	2	12	ATG	TAA	0	0
mORF_+_3580850	3580850	3580873	+	2	24	ATG	TAG	0	0
mORF_+_3580874	3580874	3580906	+	2	33	ATG	TAG	0	0
mORF_+_3580982	3580982	3581038	+	2	57	GTG	TGA	0	0
mORF_+_3581061	3581061	3581477	+	3	417	ATG	TAG	0	0
mORF_+_3581104	3581104	3581112	+	1	9	ATG	TAG	0	0
mORF_+_3581122	3581122	3581160	+	1	39	TTG	TAA	0	0
mORF_+_3581192	3581192	3581212	+	2	21	TTG	TAA	0	0
mORF_+_3581212	3581212	3581262	+	1	51	ATG	TAA	0	0
mORF_+_3581272	3581272	3581349	+	1	78	ATG	TAA	0	0
mORF_+_3581350	3581350	3581382	+	1	33	ATG	TAA	0	0
mORF_+_3581440	3581440	3581472	+	1	33	ATG	TGA	0	0
mORF_+_3581477	3581477	3581689	+	2	213	GTG	TGA	0	0
mORF_+_3581481	3581481	3581549	+	3	69	ATG	TGA	0	0
mORF_+_3581506	3581506	3581781	+	1	276	GTG	TAA	0	0
mORF_+_3581619	3581619	3581678	+	3	60	ATG	TGA	0	0
mORF_+_3581690	3581690	3581758	+	2	69	ATG	TAA	0	0
mORF_+_3581700	3581700	3582203	+	3	504	ATG	TAA	0	0

mORF_+_3581803	3581803	3581961	+	1	159	GTG	TGA	0	0	
mORF_+_3581837	3581837	3581857	+	2	21	GTG	TAA	0	0	
mORF_+_3581977	3581977	3581988	+	1	12	TTG	TGA	0	0	
mORF_+_3581990	3581990	3582019	+	2	30	ATG	TGA	0	0	
mORF_+_3582001	3582001	3582030	+	1	30	ATG	TGA	0	0	
mORF_+_3582073	3582073	3582090	+	1	18	TTG	TGA	0	0	
mORF_+_3582157	3582157	3582183	+	1	27	ATG	TGA	0	0	
mORF_+_3582205	3582205	3582306	+	1	102	TTG	TAA	0	0	
mORF_+_3582315	3582315	3582332	+	3	18	ATG	TAA	0	0	
mORF_+_3582323	3582323	3582361	+	2	39	TTG	TAA	0	0	
mORF_+_3582365	3582365	3582379	+	2	15	ATG	TAG	0	0	
mORF_+_3582401	3582401	3582415	+	2	15	TTG	TAG	0	0	
mORF_+_3582418	3582418	3582582	+	1	165	GTG	TAA	0	0	
mORF_+_3582461	3582461	3582484	+	2	24	GTG	TAG	0	0	
mORF_+_3582509	3582509	3582538	+	2	30	ATG	TGA	0	0	
mORF_+_3582646	3582646	3582828	+	1	183	GTG	TGA	0	0	
mORF_+_3582728	3582728	3582754	+	2	27	ATG	TAA	0	0	
mORF_+_3582782	3582782	3583066	+	2	285	ATG	TGA	0	0	
mORF_+_3582825	3582825	3582941	+	3	117	TTG	TAG	0	0	
mORF_+_3582963	3582963	3583040	+	3	78	TTG	TAA	0	0	
mORF_+_3583145	3583145	3583180	+	2	36	ATG	TAA	0	0	
mORF_+_3583180	3583180	3583224	+	1	45	ATG	TGA	0	0	
mORF_+_3583185	3583185	3583664	+	3	480	TTG	TGA	0	0	
mORF_+_3583187	3583187	3583246	+	2	60	GTG	TGA	0	0	
mORF_+_3583243	3583243	3583299	+	1	57	TTG	TGA	0	0	
mORF_+_3583318	3583318	3583347	+	1	30	TTG	TAA	0	0	
mORF_+_3583351	3583351	3583518	+	1	168	ATG	TAA	0	0	
mORF_+_3583537	3583537	3583626	+	1	90	TTG	TAG	0	0	
mORF_+_3583668	3583668	3584048	+	3	381	ATG	TAA	0	0	
mORF_+_3583702	3583702	3583752	+	1	51	TTG	TGA	0	0	
mORF_+_3583724	3583724	3583741	+	2	18	ATG	TGA	0	0	
mORF_+_3583765	3583765	3583773	+	1	9	TTG	TAG	0	0	
mORF_+_3583780	3583780	3583848	+	1	69	TTG	TAG	0	0	
mORF_+_3583870	3583870	3583986	+	1	117	ATG	TAA	0	0	
mORF_+_3583967	3583967	3584059	+	2	93	ATG	TAG	0	0	
mORF_+_3584020	3584020	3584040	+	1	21	GTG	TAG	0	0	
mORF_+_3584059	3584059	3584121	+	1	63	GTG	TAG	0	0	
mORF_+_3584162	3584162	3584227	+	2	66	TTG	TAG	0	0	
mORF_+_3584185	3584185	3584244	+	1	60	GTG	TGA	0	0	
mORF_+_3584241	3584241	3584435	+	3	195	GTG	TGA	0	0	
mORF_+_3584272	3584272	3584460	+	1	189	TTG	TGA	0	0	
mORF_+_3584315	3584315	3584326	+	2	12	GTG	TAA	0	0	
mORF_+_3584405	3584405	3584431	+	2	27	GTG	TGA	0	0	
mORF_+_3584432	3584432	3584518	+	2	87	GTG	TAG	0	0	
mORF_+_3584488	3584488	3584607	+	1	120	TTG	TAG	0	0	
mORF_+_3584586	3584586	3584798	+	3	213	ATG	TGA	0	0	
mORF_+_3584647	3584647	3584670	+	1	24	TTG	TGA	0	0	
mORF_+_3584671	3584671	3584883	+	1	213	GTG	TAA	0	0	
mORF_+_3584916	3584916	3584933	+	3	18	TTG	TAA	0	0	
mORF_+_3584966	3584966	3585406	+	2	441	ATG	TAA	15	78	pORF_+_3584966
mORF_+_3585003	3585003	3585035	+	3	33	TTG	TGA	0	0	
mORF_+_3585396	3585396	3585557	+	3	162	TTG	TAA	0	0	
mORF_+_3585442	3585442	3585501	+	1	60	ATG	TAA	0	0	
mORF_+_3585550	3585550	3585564	+	1	15	TTG	TGA	0	0	
mORF_+_3585561	3585561	3585680	+	3	120	ATG	TAA	0	0	
mORF_+_3585565	3585565	3585573	+	1	9	TTG	TGA	0	0	
mORF_+_3585656	3585656	3585793	+	2	138	GTG	TGA	0	0	
mORF_+_3585757	3585757	3586035	+	1	279	TTG	TGA	0	0	
mORF_+_3585816	3585816	3585857	+	3	42	GTG	TAG	0	0	
mORF_+_3585975	3585975	3586007	+	3	33	ATG	TAA	0	0	
mORF_+_3586032	3586032	3586061	+	3	30	ATG	TGA	0	0	
mORF_+_3586043	3586043	3586345	+	2	303	TTG	TAG	0	0	
mORF_+_3586069	3586069	3586104	+	1	36	GTG	TGA	0	0	

mORF+_3586101	3586101	3586175	+	3	75	ATG	TGA	0	0
mORF+_3586111	3586111	3586122	+	1	12	ATG	TAA	0	0
mORF+_3586200	3586200	3586226	+	3	27	GTG	TGA	0	0
mORF+_3586302	3586302	3586397	+	3	96	GTG	TGA	0	0
mORF+_3586352	3586352	3586414	+	2	63	ATG	TAG	0	0
mORF+_3586445	3586445	3586642	+	2	198	ATG	TGA	0	0
mORF+_3586449	3586449	3586538	+	3	90	GTG	TAG	0	0
mORF+_3586549	3586549	3586632	+	1	84	GTG	TAA	0	0
mORF+_3586551	3586551	3586622	+	3	72	GTG	TGA	0	0
mORF+_3586639	3586639	3586716	+	1	78	GTG	TAG	0	0
mORF+_3586661	3586661	3587188	+	2	528	GTG	TAA	0	0
mORF+_3586701	3586701	3586790	+	3	90	TTG	TGA	0	0
mORF+_3586818	3586818	3586943	+	3	126	TTG	TAA	0	0
mORF+_3586984	3586984	3587016	+	1	33	TTG	TGA	0	0
mORF+_3587013	3587013	3587255	+	3	243	TTG	TAA	0	0
mORF+_3587317	3587317	3587412	+	1	96	GTG	TGA	0	0
mORF+_3587431	3587431	3587619	+	1	189	GTG	TAG	0	0
mORF+_3587498	3587498	3587554	+	2	57	TTG	TAA	0	0
mORF+_3587638	3587638	3587928	+	1	291	TTG	TAG	0	0
mORF+_3587753	3587753	3587776	+	2	24	ATG	TAA	0	0
mORF+_3587874	3587874	3588056	+	3	183	GTG	TAA	0	0
mORF+_3587894	3587894	3587908	+	2	15	GTG	TGA	0	0
mORF+_3588007	3588007	3588105	+	1	99	ATG	TGA	0	0
mORF+_3588050	3588050	3588442	+	2	393	TTG	TGA	0	0
mORF+_3588063	3588063	3588077	+	3	15	TTG	TAG	0	0
mORF+_3588102	3588102	3588176	+	3	75	ATG	TAG	0	0
mORF+_3588130	3588130	3588162	+	1	33	GTG	TAA	0	0
mORF+_3588195	3588195	3588206	+	3	12	GTG	TGA	0	0
mORF+_3588222	3588222	3588404	+	3	183	GTG	TAG	0	0
mORF+_3588417	3588417	3588422	+	3	6	TTG	TAG	0	0
mORF+_3588463	3588463	3588525	+	1	63	TTG	TGA	0	0
mORF+_3588479	3588479	3588607	+	2	129	TTG	TAA	0	0
mORF+_3588522	3588522	3588593	+	3	72	GTG	TAA	0	0
mORF+_3588611	3588611	3588814	+	2	204	TTG	TAG	0	0
mORF+_3588636	3588636	3588734	+	3	99	ATG	TAG	0	0
mORF+_3588753	3588753	3588893	+	3	141	GTG	TAA	0	0
mORF+_3588925	3588925	3589005	+	1	81	ATG	TAA	0	0
mORF+_3588954	3588954	3589031	+	3	78	GTG	TGA	0	0
mORF+_3589097	3589097	3589198	+	2	102	GTG	TGA	0	0
mORF+_3589171	3589171	3589227	+	1	57	ATG	TGA	0	0
mORF+_3589297	3589297	3589314	+	1	18	TTG	TAA	0	0
mORF+_3589304	3589304	3589438	+	2	135	TTG	TAA	0	0
mORF+_3589326	3589326	3589871	+	3	546	ATG	TAA	0	0
mORF+_3589438	3589438	3589476	+	1	39	ATG	TAA	0	0
mORF+_3589448	3589448	3589501	+	2	54	GTG	TAA	0	0
mORF+_3589483	3589483	3589497	+	1	15	ATG	TAG	0	0
mORF+_3589504	3589504	3589572	+	1	69	TTG	TAG	0	0
mORF+_3589582	3589582	3589608	+	1	27	GTG	TAG	0	0
mORF+_3589624	3589624	3589788	+	1	165	TTG	TAG	0	0
mORF+_3589798	3589798	3589827	+	1	30	ATG	TAG	0	0
mORF+_3589882	3589882	3589902	+	1	21	TTG	TAA	0	0
mORF+_3589924	3589924	3589968	+	1	45	TTG	TAG	0	0
mORF+_3589928	3589928	3590026	+	2	99	ATG	TAA	0	0
mORF+_3589944	3589944	3589976	+	3	33	GTG	TGA	0	0
mORF+_3590047	3590047	3590088	+	1	42	ATG	TAA	0	0
mORF+_3590110	3590110	3590157	+	1	48	TTG	TAG	0	0
mORF+_3590123	3590123	3590206	+	2	84	ATG	TAA	0	0
mORF+_3590158	3590158	3590169	+	1	12	TTG	TAG	0	0
mORF+_3590182	3590182	3590187	+	1	6	TTG	TAA	0	0
mORF+_3590211	3590211	3590300	+	3	90	TTG	TAA	0	0
mORF+_3590269	3590269	3590334	+	1	66	ATG	TAA	0	0
mORF+_3590285	3590285	3590413	+	2	129	GTG	TGA	0	0
mORF+_3590334	3590334	3590339	+	3	6	ATG	TAA	0	0

mORF+_3590361	3590361	3590408	+	3	48	TTG	TAA	0	0
mORF+_3590410	3590410	3590457	+	1	48	ATG	TAA	0	0
mORF+_3590415	3590415	3590462	+	3	48	ATG	TAG	0	0
mORF+_3590467	3590467	3590481	+	1	15	GTG	TGA	0	0
mORF+_3590478	3590478	3590492	+	3	15	ATG	TGA	0	0
mORF+_3590489	3590489	3590602	+	2	114	GTG	TAA	0	0
mORF+_3590497	3590497	3590532	+	1	36	GTG	TAA	0	0
mORF+_3590511	3590511	3590546	+	3	36	ATG	TAG	0	0
mORF+_3590571	3590571	3590660	+	3	90	TTG	TAG	0	0
mORF+_3590627	3590627	3590758	+	2	132	GTG	TAA	0	0
mORF+_3590721	3590721	3590840	+	3	120	TTG	TAG	0	0
mORF+_3590819	3590819	3590860	+	2	42	ATG	TAG	0	0
mORF+_3590868	3590868	3591065	+	3	198	TTG	TGA	0	0
mORF+_3590936	3590936	3590986	+	2	51	TTG	TAG	0	0
mORF+_3590968	3590968	3591231	+	1	264	ATG	TGA	0	0
mORF+_3591077	3591077	3591310	+	2	234	ATG	TAA	0	0
mORF+_3591111	3591111	3591374	+	3	264	ATG	TGA	0	0
mORF+_3591375	3591375	3591419	+	3	45	TTG	TAG	0	0
mORF+_3591380	3591380	3591550	+	2	171	ATG	TGA	0	0
mORF+_3591432	3591432	3591476	+	3	45	TTG	TAA	0	0
mORF+_3591547	3591547	3591558	+	1	12	TTG	TAA	0	0
mORF+_3591594	3591594	3591707	+	3	114	GTG	TAA	0	0
mORF+_3591613	3591613	3591624	+	1	12	GTG	TGA	0	0
mORF+_3591628	3591628	3591765	+	1	138	TTG	TAG	0	0
mORF+_3591787	3591787	3591912	+	1	126	TTG	TGA	0	0
mORF+_3591792	3591792	3592016	+	3	225	GTG	TAA	0	0
mORF+_3591866	3591866	3592087	+	2	222	ATG	TAA	0	0
mORF+_3591976	3591976	3592032	+	1	57	GTG	TGA	0	0
mORF+_3592026	3592026	3592043	+	3	18	GTG	TAA	0	0
mORF+_3592045	3592045	3592068	+	1	24	ATG	TAG	0	0
mORF+_3592093	3592093	3592224	+	1	132	GTG	TGA	0	0
mORF+_3592217	3592217	3592342	+	2	126	ATG	TAA	0	0
mORF+_3592228	3592228	3592359	+	1	132	ATG	TGA	0	0
mORF+_3592281	3592281	3592505	+	3	225	ATG	TGA	0	0
mORF+_3592396	3592396	3592479	+	1	84	TTG	TGA	0	0
mORF+_3592418	3592418	3592588	+	2	171	TTG	TAA	0	0
mORF+_3592551	3592551	3592712	+	3	162	ATG	TAG	0	0
mORF+_3592719	3592719	3592835	+	3	117	ATG	TGA	0	0
mORF+_3592816	3592816	3592839	+	1	24	GTG	TGA	0	0
mORF+_3592866	3592866	3592928	+	3	63	GTG	TAG	0	0
mORF+_3593030	3593030	3593182	+	2	153	GTG	TGA	0	0
mORF+_3593034	3593034	3593054	+	3	21	TTG	TAA	0	0
mORF+_3593061	3593061	3593069	+	3	9	ATG	TAA	0	0
mORF+_3593139	3593139	3593144	+	3	6	ATG	TAG	0	0
mORF+_3593148	3593148	3593699	+	3	552	ATG	TAA	0	0
mORF+_3593179	3593179	3593190	+	1	12	GTG	TAA	0	0
mORF+_3593423	3593423	3593608	+	2	186	TTG	TAG	0	0
mORF+_3593482	3593482	3593577	+	1	96	TTG	TGA	0	0
mORF+_3593666	3593666	3593731	+	2	66	ATG	TAG	0	0
mORF+_3593738	3593738	3593749	+	2	12	ATG	TAG	0	0
mORF+_3593825	3593825	3593899	+	2	75	GTG	TAG	0	0
mORF+_3593903	3593903	3594010	+	2	108	ATG	TGA	0	0
mORF+_3593992	3593992	3594267	+	1	276	ATG	TGA	0	0
mORF+_3594080	3594080	3594142	+	2	63	ATG	TAA	0	0
mORF+_3594093	3594093	3594104	+	3	12	TTG	TGA	0	0
mORF+_3594105	3594105	3594122	+	3	18	GTG	TAG	0	0
mORF+_3594179	3594179	3594274	+	2	96	ATG	TAG	0	0
mORF+_3594186	3594186	3594257	+	3	72	TTG	TGA	0	0
mORF+_3594264	3594264	3594311	+	3	48	ATG	TGA	0	0
mORF+_3594298	3594298	3594675	+	1	378	GTG	TAG	0	0
mORF+_3594308	3594308	3594331	+	2	24	TTG	TAA	0	0
mORF+_3594335	3594335	3594343	+	2	9	ATG	TAG	0	0
mORF+_3594347	3594347	3594364	+	2	18	ATG	TAG	0	0

mORF_+_3594377	3594377	3594433	+	2	57	GTG	TAA	0	0	
mORF_+_3594465	3594465	3594473	+	3	9	GTG	TGA	0	0	
mORF_+_3594470	3594470	3594538	+	2	69	ATG	TAA	0	0	
mORF_+_3594504	3594504	3594599	+	3	96	GTG	TAA	0	0	
mORF_+_3594581	3594581	3594592	+	2	12	TTG	TAG	0	0	
mORF_+_3594660	3594660	3595259	+	3	600	TTG	TGA	0	0	
mORF_+_3594676	3594676	3594690	+	1	15	GTG	TAA	0	0	
mORF_+_3594709	3594709	3594762	+	1	54	TTG	TAG	0	0	
mORF_+_3594743	3594743	3594775	+	2	33	TTG	TAG	0	0	
mORF_+_3594775	3594775	3594909	+	1	135	GTG	TAG	0	0	
mORF_+_3594934	3594934	3595083	+	1	150	ATG	TGA	0	0	
mORF_+_3595084	3595084	3595182	+	1	99	ATG	TGA	0	0	
mORF_+_3595127	3595127	3595174	+	2	48	TTG	TAA	0	0	
mORF_+_3595207	3595207	3595251	+	1	45	TTG	TAG	0	0	
mORF_+_3595287	3595287	3595532	+	3	246	ATG	TGA	0	0	
mORF_+_3595306	3595306	3595434	+	1	129	ATG	TGA	0	0	
mORF_+_3595358	3595358	3595399	+	2	42	ATG	TAA	0	0	
mORF_+_3595427	3595427	3595447	+	2	21	TTG	TAA	0	0	
mORF_+_3595525	3595525	3595605	+	1	81	GTG	TGA	0	0	
mORF_+_3595529	3595529	3595561	+	2	33	GTG	TGA	0	0	
mORF_+_3595602	3595602	3595634	+	3	33	GTG	TAA	0	0	
mORF_+_3595610	3595610	3595756	+	2	147	GTG	TAA	0	0	
mORF_+_3595618	3595618	3595686	+	1	69	TTG	TAA	0	0	
mORF_+_3595671	3595671	3595682	+	3	12	TTG	TGA	0	0	
mORF_+_3595704	3595704	3595709	+	3	6	TTG	TGA	0	0	
mORF_+_3595770	3595770	3595808	+	3	39	TTG	TAA	0	0	
mORF_+_3595855	3595855	3595887	+	1	33	ATG	TAA	0	0	
mORF_+_3595890	3595890	3595895	+	3	6	TTG	TAA	0	0	
mORF_+_3595899	3595899	3595916	+	3	18	TTG	TAA	0	0	
mORF_+_3595985	3595985	3595990	+	2	6	TTG	TGA	0	0	
mORF_+_3595987	3595987	3596010	+	1	24	GTG	TGA	0	0	
mORF_+_3596007	3596007	3596390	+	3	384	ATG	TAA	2	7	pORF_+_3596007
mORF_+_3596056	3596056	3596169	+	1	114	TTG	TAA	0	0	
mORF_+_3596233	3596233	3596328	+	1	96	GTG	TGA	0	0	
mORF_+_3596285	3596285	3596425	+	2	141	ATG	TGA	0	0	
mORF_+_3596400	3596400	3596522	+	3	123	TTG	TGA	0	0	
mORF_+_3596425	3596425	3596574	+	1	150	ATG	TAA	0	0	
mORF_+_3596450	3596450	3596470	+	2	21	ATG	TGA	0	0	
mORF_+_3596483	3596483	3596488	+	2	6	TTG	TAG	0	0	
mORF_+_3596519	3596519	3596542	+	2	24	ATG	TAG	0	0	
mORF_+_3596547	3596547	3596819	+	3	273	TTG	TGA	0	0	
mORF_+_3596564	3596564	3596737	+	2	174	TTG	TGA	0	0	
mORF_+_3596608	3596608	3596895	+	1	288	GTG	TGA	0	0	
mORF_+_3596774	3596774	3596854	+	2	81	GTG	TGA	0	0	
mORF_+_3596870	3596870	3596953	+	2	84	TTG	TGA	0	0	
mORF_+_3596973	3596973	3597089	+	3	117	GTG	TGA	0	0	
mORF_+_3596989	3596989	3597066	+	1	78	TTG	TGA	0	0	
mORF_+_3597086	3597086	3597181	+	2	96	GTG	TGA	0	0	
mORF_+_3597111	3597111	3597188	+	3	78	TTG	TAG	0	0	
mORF_+_3597166	3597166	3597330	+	1	165	TTG	TAA	0	0	
mORF_+_3597260	3597260	3597280	+	2	21	GTG	TGA	0	0	
mORF_+_3597309	3597309	3597323	+	3	15	TTG	TGA	0	0	
mORF_+_3597320	3597320	3597349	+	2	30	GTG	TAG	0	0	
mORF_+_3597350	3597350	3597388	+	2	39	ATG	TGA	0	0	
mORF_+_3597369	3597369	3597404	+	3	36	TTG	TAA	0	0	
mORF_+_3597385	3597385	3597660	+	1	276	GTG	TAA	0	0	
mORF_+_3597404	3597404	3597790	+	2	387	ATG	TAA	0	0	
mORF_+_3597582	3597582	3597605	+	3	24	TTG	TAA	0	0	
mORF_+_3597633	3597633	3597686	+	3	54	ATG	TGA	0	0	
mORF_+_3597712	3597712	3597759	+	1	48	GTG	TGA	0	0	
mORF_+_3597714	3597714	3597722	+	3	9	GTG	TGA	0	0	
mORF_+_3597756	3597756	3597821	+	3	66	ATG	TAG	0	0	
mORF_+_3597766	3597766	3597774	+	1	9	GTG	TAG	0	0	

mORF_+_3597827	3597827	3597841	+	2	15	TTG	TAA	0	0	
mORF_+_3597850	3597850	3597942	+	1	93	GTG	TAA	0	0	
mORF_+_3597857	3597857	3597883	+	2	27	TTG	TGA	0	0	
mORF_+_3597962	3597962	3598030	+	2	69	ATG	TAA	0	0	
mORF_+_3598052	3598052	3598210	+	2	159	GTG	TAG	0	0	
mORF_+_3598140	3598140	3598190	+	3	51	TTG	TAG	0	0	
mORF_+_3598191	3598191	3598361	+	3	171	ATG	TAA	0	0	
mORF_+_3598268	3598268	3598489	+	2	222	ATG	TGA	1	4	pORF_+_3598268
mORF_+_3598465	3598465	3598779	+	1	315	GTG	TAA	0	0	
mORF_+_3598526	3598526	3598570	+	2	45	TTG	TGA	0	0	
mORF_+_3598584	3598584	3598658	+	3	75	GTG	TAG	0	0	
mORF_+_3598748	3598748	3598753	+	2	6	ATG	TAG	0	0	
mORF_+_3598763	3598763	3598870	+	2	108	TTG	TAA	0	0	
mORF_+_3598789	3598789	3598848	+	1	60	TTG	TAG	0	0	
mORF_+_3598842	3598842	3598910	+	3	69	GTG	TGA	0	0	
mORF_+_3598907	3598907	3598945	+	2	39	GTG	TAA	0	0	
mORF_+_3598936	3598936	3598941	+	1	6	TTG	TGA	0	0	
mORF_+_3598938	3598938	3599687	+	3	750	GTG	TAG	0	0	
mORF_+_3598958	3598958	3598963	+	2	6	ATG	TGA	0	0	
mORF_+_3598960	3598960	3598968	+	1	9	GTG	TAG	0	0	
mORF_+_3599066	3599066	3599074	+	2	9	GTG	TAA	0	0	
mORF_+_3599075	3599075	3599137	+	2	63	ATG	TAG	0	0	
mORF_+_3599152	3599152	3599166	+	1	15	ATG	TGA	0	0	
mORF_+_3599191	3599191	3599310	+	1	120	GTG	TGA	0	0	
mORF_+_3599548	3599548	3599778	+	1	231	GTG	TGA	0	0	
mORF_+_3599705	3599705	3599788	+	2	84	TTG	TGA	0	0	
mORF_+_3599775	3599775	3599795	+	3	21	GTG	TAA	0	0	
mORF_+_3599785	3599785	3599817	+	1	33	GTG	TAA	0	0	
mORF_+_3599823	3599823	3599837	+	3	15	TTG	TAA	0	0	
mORF_+_3599862	3599862	3599939	+	3	78	ATG	TAG	0	0	
mORF_+_3599920	3599920	3599955	+	1	36	ATG	TGA	0	0	
mORF_+_3599927	3599927	3600031	+	2	105	GTG	TGA	0	0	
mORF_+_3599952	3599952	3600086	+	3	135	TTG	TGA	0	0	
mORF_+_3599983	3599983	3600090	+	1	108	TTG	TGA	0	0	
mORF_+_3600083	3600083	3600148	+	2	66	ATG	TGA	0	0	
mORF_+_3600087	3600087	3600242	+	3	156	TTG	TAA	0	0	
mORF_+_3600091	3600091	3600132	+	1	42	TTG	TGA	0	0	
mORF_+_3600145	3600145	3600159	+	1	15	GTG	TAG	0	0	
mORF_+_3600178	3600178	3600363	+	1	186	TTG	TGA	0	0	
mORF_+_3600191	3600191	3600223	+	2	33	TTG	TAA	0	0	
mORF_+_3600342	3600342	3600392	+	3	51	TTG	TAG	0	0	
mORF_+_3600382	3600382	3600483	+	1	102	TTG	TAG	0	0	
mORF_+_3600504	3600504	3600776	+	3	273	ATG	TAA	0	0	
mORF_+_3600523	3600523	3600666	+	1	144	ATG	TGA	0	0	
mORF_+_3600745	3600745	3600804	+	1	60	TTG	TAA	0	0	
mORF_+_3600770	3600770	3600934	+	2	165	TTG	TAG	0	0	
mORF_+_3600855	3600855	3600860	+	3	6	ATG	TAG	0	0	
mORF_+_3600915	3600915	3601163	+	3	249	GTG	TGA	0	0	
mORF_+_3600962	3600962	3601657	+	2	696	ATG	TAA	0	0	
mORF_+_3601164	3601164	3601235	+	3	72	ATG	TGA	0	0	
mORF_+_3601344	3601344	3601466	+	3	123	GTG	TAG	0	0	
mORF_+_3601491	3601491	3601715	+	3	225	TTG	TGA	0	0	
mORF_+_3601498	3601498	3601521	+	1	24	ATG	TGA	0	0	
mORF_+_3601531	3601531	3601623	+	1	93	GTG	TGA	0	0	
mORF_+_3601911	3601911	3602150	+	3	240	TTG	TGA	0	0	
mORF_+_3601990	3601990	3602046	+	1	57	GTG	TGA	0	0	
mORF_+_3602090	3602090	3602323	+	2	234	ATG	TAG	0	0	
mORF_+_3602295	3602295	3602309	+	3	15	ATG	TAA	0	0	
mORF_+_3602314	3602314	3602346	+	1	33	ATG	TAG	0	0	
mORF_+_3602385	3602385	3602405	+	3	21	ATG	TGA	0	0	
mORF_+_3602387	3602387	3602419	+	2	33	GTG	TGA	0	0	
mORF_+_3602416	3602416	3603012	+	1	597	ATG	TAA	2	5	pORF_+_3602416
mORF_+_3602459	3602459	3602656	+	2	198	TTG	TGA	0	0	

mORF_+_3602469	3602469	3602483	+	3	15	GTG	TAA	0	0	
mORF_+_3602580	3602580	3602660	+	3	81	ATG	TGA	0	0	
mORF_+_3602657	3602657	3602689	+	2	33	TTG	TAA	0	0	
mORF_+_3602720	3602720	3602734	+	2	15	ATG	TGA	0	0	
mORF_+_3602789	3602789	3602821	+	2	33	TTG	TAG	0	0	
mORF_+_3602879	3602879	3603271	+	2	393	ATG	TAA	0	0	
mORF_+_3603015	3603015	3603029	+	3	15	TTG	TAA	0	0	
mORF_+_3603040	3603040	3603102	+	1	63	TTG	TAA	0	0	
mORF_+_3603132	3603132	3603155	+	3	24	ATG	TGA	0	0	
mORF_+_3603174	3603174	3603188	+	3	15	ATG	TGA	0	0	
mORF_+_3603228	3603228	3603296	+	3	69	TTG	TGA	0	0	
mORF_+_3603277	3603277	3603594	+	1	318	TTG	TAA	0	0	
mORF_+_3603404	3603404	3603421	+	2	18	TTG	TAG	0	0	
mORF_+_3603411	3603411	3603476	+	3	66	TTG	TAA	0	0	
mORF_+_3603431	3603431	3603664	+	2	234	GTG	TAA	0	0	
mORF_+_3603576	3603576	3603602	+	3	27	ATG	TGA	0	0	
mORF_+_3603621	3603621	3603713	+	3	93	GTG	TAA	0	0	
mORF_+_3603774	3603774	3604400	+	3	627	ATG	TGA	0	0	
mORF_+_3603779	3603779	3603865	+	2	87	TTG	TAA	0	0	
mORF_+_3603823	3603823	3603873	+	1	51	ATG	TAA	0	0	
mORF_+_3603950	3603950	3604216	+	2	267	GTG	TGA	0	0	
mORF_+_3603970	3603970	3603978	+	1	9	ATG	TAA	0	0	
mORF_+_3604114	3604114	3604188	+	1	75	GTG	TGA	0	0	
mORF_+_3604213	3604213	3604377	+	1	165	GTG	TGA	0	0	
mORF_+_3604220	3604220	3604288	+	2	69	GTG	TAA	0	0	
mORF_+_3604407	3604407	3604487	+	3	81	TTG	TGA	0	0	
mORF_+_3604430	3604430	3604534	+	2	105	GTG	TAA	0	0	
mORF_+_3604474	3604474	3606672	+	1	2199	ATG	TAA	7	16	pORF_+_3604474
mORF_+_3604560	3604560	3604601	+	3	42	TTG	TGA	0	0	
mORF_+_3604658	3604658	3604672	+	2	15	GTG	TAG	0	0	
mORF_+_3604676	3604676	3604702	+	2	27	ATG	TGA	0	0	
mORF_+_3604745	3604745	3604849	+	2	105	ATG	TGA	0	0	
mORF_+_3604958	3604958	3604996	+	2	39	TTG	TGA	0	0	
mORF_+_3605021	3605021	3605032	+	2	12	TTG	TAA	0	0	
mORF_+_3605048	3605048	3605107	+	2	60	TTG	TGA	0	0	
mORF_+_3605108	3605108	3605167	+	2	60	TTG	TAA	0	0	
mORF_+_3605207	3605207	3605254	+	2	48	GTG	TGA	0	0	
mORF_+_3605255	3605255	3605335	+	2	81	TTG	TGA	0	0	
mORF_+_3605387	3605387	3605401	+	2	15	GTG	TAG	0	0	
mORF_+_3605450	3605450	3605464	+	2	15	TTG	TGA	0	0	
mORF_+_3605501	3605501	3605569	+	2	69	TTG	TGA	0	0	
mORF_+_3605591	3605591	3605629	+	2	39	TTG	TGA	0	0	
mORF_+_3605610	3605610	3605621	+	3	12	GTG	TAA	0	0	
mORF_+_3605642	3605642	3605662	+	2	21	TTG	TAG	0	0	
mORF_+_3605652	3605652	3605729	+	3	78	GTG	TAA	0	0	
mORF_+_3605714	3605714	3605725	+	2	12	GTG	TGA	0	0	
mORF_+_3605759	3605759	3605797	+	2	39	GTG	TGA	0	0	
mORF_+_3605846	3605846	3605863	+	2	18	GTG	TGA	0	0	
mORF_+_3605933	3605933	3606022	+	2	90	TTG	TGA	0	0	
mORF_+_3606024	3606024	3606050	+	3	27	TTG	TGA	0	0	
mORF_+_3606050	3606050	3606067	+	2	18	ATG	TAA	0	0	
mORF_+_3606119	3606119	3606190	+	2	72	ATG	TGA	0	0	
mORF_+_3606251	3606251	3606316	+	2	66	TTG	TGA	0	0	
mORF_+_3606332	3606332	3606382	+	2	51	ATG	TGA	0	0	
mORF_+_3606401	3606401	3606454	+	2	54	TTG	TAA	0	0	
mORF_+_3606488	3606488	3606550	+	2	63	TTG	TGA	0	0	
mORF_+_3606594	3606594	3607037	+	3	444	GTG	TAA	0	0	
mORF_+_3606644	3606644	3606652	+	2	9	ATG	TAA	0	0	
mORF_+_3606691	3606691	3606738	+	1	48	TTG	TGA	0	0	
mORF_+_3606877	3606877	3607065	+	1	189	GTG	TGA	0	0	
mORF_+_3606986	3606986	3607051	+	2	66	GTG	TAG	0	0	
mORF_+_3607062	3607062	3607073	+	3	12	GTG	TAA	0	0	
mORF_+_3607091	3607091	3607105	+	2	15	TTG	TAA	0	0	

mORF_+_3607095	3607095	3607181	+	3	87	GTG	TAA	0	0	
mORF_+_3607109	3607109	3607159	+	2	51	TTG	TAA	0	0	
mORF_+_3607114	3607114	3607125	+	1	12	TTG	TAA	0	0	
mORF_+_3607135	3607135	3607176	+	1	42	ATG	TAA	0	0	
mORF_+_3607187	3607187	3607243	+	2	57	GTG	TGA	0	0	
mORF_+_3607240	3607240	3607905	+	1	666	ATG	TAA	0	0	
mORF_+_3607400	3607400	3607414	+	2	15	TTG	TGA	0	0	
mORF_+_3607427	3607427	3607465	+	2	39	TTG	TAA	0	0	
mORF_+_3607559	3607559	3607804	+	2	246	TTG	TAA	0	0	
mORF_+_3607656	3607656	3607691	+	3	36	GTG	TAA	0	0	
mORF_+_3607832	3607832	3607858	+	2	27	ATG	TGA	0	0	
mORF_+_3607922	3607922	3607927	+	2	6	TTG	TGA	0	0	
mORF_+_3607924	3607924	3608535	+	1	612	GTG	TAA	19	171	pORF_+_3607924
mORF_+_3607932	3607932	3607943	+	3	12	ATG	TGA	0	0	
mORF_+_3607940	3607940	3608128	+	2	189	ATG	TAA	0	0	
mORF_+_3607950	3607950	3607994	+	3	45	ATG	TAA	0	0	
mORF_+_3608195	3608195	3608329	+	2	135	ATG	TAA	0	0	
mORF_+_3608342	3608342	3608350	+	2	9	TTG	TGA	0	0	
mORF_+_3608544	3608544	3608714	+	3	171	ATG	TAA	0	0	
mORF_+_3608566	3608566	3608589	+	1	24	GTG	TAA	0	0	
mORF_+_3608720	3608720	3608725	+	2	6	GTG	TAA	0	0	
mORF_+_3608727	3608727	3608852	+	3	126	TTG	TAG	0	0	
mORF_+_3608749	3608749	3608823	+	1	75	TTG	TAA	0	0	
mORF_+_3608933	3608933	3609025	+	2	93	ATG	TAA	0	0	
mORF_+_3609032	3609032	3609235	+	2	204	GTG	TGA	0	0	
mORF_+_3609072	3609072	3609200	+	3	129	GTG	TAA	0	0	
mORF_+_3609232	3609232	3609252	+	1	21	GTG	TAA	0	0	
mORF_+_3609281	3609281	3609532	+	2	252	GTG	TAA	0	0	
mORF_+_3609316	3609316	3609348	+	1	33	ATG	TAG	0	0	
mORF_+_3609373	3609373	3609411	+	1	39	TTG	TAA	0	0	
mORF_+_3609541	3609541	3609639	+	1	99	ATG	TAA	0	0	
mORF_+_3609560	3609560	3609631	+	2	72	GTG	TAG	0	0	
mORF_+_3609659	3609659	3609670	+	2	12	ATG	TAG	0	0	
mORF_+_3609686	3609686	3609805	+	2	120	ATG	TGA	0	0	
mORF_+_3609781	3609781	3609810	+	1	30	GTG	TGA	0	0	
mORF_+_3609807	3609807	3610937	+	3	1131	GTG	TGA	0	0	
mORF_+_3609835	3609835	3609846	+	1	12	TTG	TGA	0	0	
mORF_+_3609988	3609988	3610092	+	1	105	TTG	TAG	0	0	
mORF_+_3610375	3610375	3610416	+	1	42	TTG	TGA	0	0	
mORF_+_3610477	3610477	3610485	+	1	9	TTG	TGA	0	0	
mORF_+_3610502	3610502	3610654	+	2	153	ATG	TAA	0	0	
mORF_+_3610510	3610510	3610539	+	1	30	GTG	TGA	0	0	
mORF_+_3610552	3610552	3610560	+	1	9	TTG	TGA	0	0	
mORF_+_3610654	3610654	3610695	+	1	42	ATG	TAG	0	0	
mORF_+_3610667	3610667	3610852	+	2	186	ATG	TAA	0	0	
mORF_+_3610934	3610934	3610990	+	2	57	ATG	TGA	0	0	
mORF_+_3610981	3610981	3611004	+	1	24	TTG	TAG	0	0	
mORF_+_3610992	3610992	3611579	+	3	588	ATG	TGA	0	0	
mORF_+_3611104	3611104	3611205	+	1	102	GTG	TAA	0	0	
mORF_+_3611192	3611192	3611212	+	2	21	ATG	TAG	0	0	
mORF_+_3611215	3611215	3611238	+	1	24	GTG	TGA	0	0	
mORF_+_3611239	3611239	3611274	+	1	36	GTG	TGA	0	0	
mORF_+_3611419	3611419	3611451	+	1	33	GTG	TAG	0	0	
mORF_+_3611486	3611486	3611497	+	2	12	TTG	TGA	0	0	
mORF_+_3611494	3611494	3611505	+	1	12	TTG	TAA	0	0	
mORF_+_3611509	3611509	3611607	+	1	99	TTG	TGA	0	0	
mORF_+_3611558	3611558	3611575	+	2	18	ATG	TAA	0	0	
mORF_+_3611604	3611604	3611621	+	3	18	TTG	TAA	0	0	
mORF_+_3611627	3611627	3611641	+	2	15	ATG	TAA	0	0	
mORF_+_3611679	3611679	3611792	+	3	114	TTG	TGA	0	0	
mORF_+_3611690	3611690	3613264	+	2	1575	ATG	TAA	5	36	pORF_+_3611690
mORF_+_3611731	3611731	3611769	+	1	39	TTG	TGA	0	0	
mORF_+_3611793	3611793	3611807	+	3	15	ATG	TAA	0	0	

mORF_+_3611856	3611856	3611870	+	3	15	ATG	TGA	0	0	
mORF_+_3611899	3611899	3611937	+	1	39	GTG	TAA	0	0	
mORF_+_3611931	3611931	3611969	+	3	39	ATG	TGA	0	0	
mORF_+_3611982	3611982	3612122	+	3	141	GTG	TGA	0	0	
mORF_+_3612204	3612204	3612215	+	3	12	ATG	TGA	0	0	
mORF_+_3612234	3612234	3612272	+	3	39	TTG	TGA	0	0	
mORF_+_3612247	3612247	3612297	+	1	51	GTG	TAA	0	0	
mORF_+_3612282	3612282	3612503	+	3	222	ATG	TGA	0	0	
mORF_+_3612552	3612552	3612575	+	3	24	GTG	TAA	0	0	
mORF_+_3612591	3612591	3612671	+	3	81	TTG	TGA	0	0	
mORF_+_3612724	3612724	3612783	+	1	60	TTG	TGA	0	0	
mORF_+_3612762	3612762	3612812	+	3	51	ATG	TAA	0	0	
mORF_+_3612855	3612855	3612875	+	3	21	TTG	TGA	0	0	
mORF_+_3612876	3612876	3612932	+	3	57	TTG	TGA	0	0	
mORF_+_3612960	3612960	3613031	+	3	72	ATG	TAG	0	0	
mORF_+_3613047	3613047	3613121	+	3	75	TTG	TGA	0	0	
mORF_+_3613131	3613131	3613172	+	3	42	ATG	TGA	0	0	
mORF_+_3613264	3613264	3614208	+	1	945	ATG	TGA	0	0	
mORF_+_3613479	3613479	3613499	+	3	21	GTG	TGA	0	0	
mORF_+_3613496	3613496	3613549	+	2	54	TTG	TGA	0	0	
mORF_+_3613574	3613574	3613597	+	2	24	TTG	TAA	0	0	
mORF_+_3613685	3613685	3613729	+	2	45	TTG	TGA	0	0	
mORF_+_3613752	3613752	3613835	+	3	84	ATG	TAA	0	0	
mORF_+_3613811	3613811	3613912	+	2	102	TTG	TGA	0	0	
mORF_+_3613949	3613949	3613966	+	2	18	ATG	TGA	0	0	
mORF_+_3614000	3614000	3614014	+	2	15	TTG	TGA	0	0	
mORF_+_3614030	3614030	3614092	+	2	63	TTG	TGA	0	0	
mORF_+_3614097	3614097	3614138	+	3	42	GTG	TAA	0	0	
mORF_+_3614126	3614126	3614143	+	2	18	TTG	TGA	0	0	
mORF_+_3614144	3614144	3614308	+	2	165	TTG	TGA	0	0	
mORF_+_3614205	3614205	3615038	+	3	834	GTG	TAA	0	0	
mORF_+_3614275	3614275	3614382	+	1	108	TTG	TAG	0	0	
mORF_+_3614479	3614479	3614499	+	1	21	TTG	TGA	0	0	
mORF_+_3614500	3614500	3614550	+	1	51	TTG	TGA	0	0	
mORF_+_3614584	3614584	3614607	+	1	24	TTG	TGA	0	0	
mORF_+_3614645	3614645	3614890	+	2	246	GTG	TAA	0	0	
mORF_+_3614650	3614650	3614676	+	1	27	ATG	TGA	0	0	
mORF_+_3614698	3614698	3614769	+	1	72	TTG	TGA	0	0	
mORF_+_3614842	3614842	3614856	+	1	15	TTG	TGA	0	0	
mORF_+_3614983	3614983	3615021	+	1	39	GTG	TGA	0	0	
mORF_+_3615038	3615038	3615802	+	2	765	ATG	TGA	0	0	
mORF_+_3615051	3615051	3615110	+	3	60	TTG	TAA	0	0	
mORF_+_3615237	3615237	3615365	+	3	129	ATG	TAG	0	0	
mORF_+_3615256	3615256	3615315	+	1	60	TTG	TAA	0	0	
mORF_+_3615378	3615378	3615404	+	3	27	ATG	TAG	0	0	
mORF_+_3615489	3615489	3615560	+	3	72	TTG	TAG	0	0	
mORF_+_3615505	3615505	3615510	+	1	6	GTG	TGA	0	0	
mORF_+_3615633	3615633	3615677	+	3	45	ATG	TGA	0	0	
mORF_+_3615693	3615693	3615713	+	3	21	TTG	TAG	0	0	
mORF_+_3615799	3615799	3616605	+	1	807	ATG	TAA	2	3	pORF_+_3615799
mORF_+_3615836	3615836	3615883	+	2	48	ATG	TGA	0	0	
mORF_+_3616013	3616013	3616105	+	2	93	GTG	TGA	0	0	
mORF_+_3616136	3616136	3616165	+	2	30	GTG	TGA	0	0	
mORF_+_3616220	3616220	3616255	+	2	36	ATG	TAA	0	0	
mORF_+_3616325	3616325	3616381	+	2	57	ATG	TGA	0	0	
mORF_+_3616400	3616400	3616444	+	2	45	TTG	TAG	0	0	
mORF_+_3616452	3616452	3616532	+	3	81	TTG	TGA	0	0	
mORF_+_3616541	3616541	3616636	+	2	96	GTG	TGA	0	0	
mORF_+_3616611	3616611	3617012	+	3	402	ATG	TGA	6	48	pORF_+_3616611
mORF_+_3616633	3616633	3616668	+	1	36	TTG	TGA	0	0	
mORF_+_3616678	3616678	3616812	+	1	135	GTG	TAG	0	0	
mORF_+_3616822	3616822	3616914	+	1	93	TTG	TGA	0	0	
mORF_+_3616918	3616918	3617058	+	1	141	GTG	TAG	0	0	

mORF_+_3616991	3616991	3617107	+	2	117	GTG	TAA	0	0
mORF_+_3617142	3617142	3617147	+	3	6	TTG	TGA	0	0
mORF_+_3617144	3617144	3617197	+	2	54	GTG	TAA	0	0
mORF_+_3617215	3617215	3621450	+	1	4236	ATG	TAA	0	0
mORF_+_3617243	3617243	3617251	+	2	9	GTG	TGA	0	0
mORF_+_3617258	3617258	3617344	+	2	87	ATG	TGA	0	0
mORF_+_3617328	3617328	3617396	+	3	69	GTG	TGA	0	0
mORF_+_3617375	3617375	3617548	+	2	174	GTG	TGA	0	0
mORF_+_3617555	3617555	3617719	+	2	165	GTG	TAA	0	0
mORF_+_3617631	3617631	3617666	+	3	36	GTG	TGA	0	0
mORF_+_3617760	3617760	3617783	+	3	24	GTG	TGA	0	0
mORF_+_3617780	3617780	3617842	+	2	63	GTG	TGA	0	0
mORF_+_3617897	3617897	3617926	+	2	30	GTG	TGA	0	0
mORF_+_3617930	3617930	3617962	+	2	33	ATG	TGA	0	0
mORF_+_3618062	3618062	3618103	+	2	42	ATG	TGA	0	0
mORF_+_3618096	3618096	3618194	+	3	99	GTG	TGA	0	0
mORF_+_3618155	3618155	3618316	+	2	162	ATG	TGA	0	0
mORF_+_3618359	3618359	3618436	+	2	78	ATG	TGA	0	0
mORF_+_3618488	3618488	3618562	+	2	75	TTG	TGA	0	0
mORF_+_3618593	3618593	3618637	+	2	45	ATG	TAA	0	0
mORF_+_3618680	3618680	3618700	+	2	21	ATG	TGA	0	0
mORF_+_3618743	3618743	3618808	+	2	66	ATG	TGA	0	0
mORF_+_3618810	3618810	3618872	+	3	63	GTG	TGA	0	0
mORF_+_3618857	3618857	3618862	+	2	6	ATG	TAA	0	0
mORF_+_3618869	3618869	3618895	+	2	27	ATG	TGA	0	0
mORF_+_3618947	3618947	3618958	+	2	12	GTG	TAA	0	0
mORF_+_3618959	3618959	3618967	+	2	9	TTG	TGA	0	0
mORF_+_3618983	3618983	3619021	+	2	39	ATG	TGA	0	0
mORF_+_3619031	3619031	3619108	+	2	78	TTG	TGA	0	0
mORF_+_3619071	3619071	3619160	+	3	90	GTG	TGA	0	0
mORF_+_3619127	3619127	3619153	+	2	27	ATG	TGA	0	0
mORF_+_3619157	3619157	3619207	+	2	51	GTG	TGA	0	0
mORF_+_3619223	3619223	3619258	+	2	36	TTG	TGA	0	0
mORF_+_3619283	3619283	3619345	+	2	63	ATG	TGA	0	0
mORF_+_3619349	3619349	3619393	+	2	45	GTG	TGA	0	0
mORF_+_3619365	3619365	3619376	+	3	12	GTG	TGA	0	0
mORF_+_3619445	3619445	3619465	+	2	21	ATG	TGA	0	0
mORF_+_3619469	3619469	3619600	+	2	132	GTG	TGA	0	0
mORF_+_3619593	3619593	3619709	+	3	117	ATG	TGA	0	0
mORF_+_3619706	3619706	3619759	+	2	54	ATG	TGA	0	0
mORF_+_3619916	3619916	3620050	+	2	135	ATG	TGA	0	0
mORF_+_3619983	3619983	3619994	+	3	12	GTG	TAA	0	0
mORF_+_3620093	3620093	3620251	+	2	159	ATG	TGA	0	0
mORF_+_3620229	3620229	3620240	+	3	12	GTG	TGA	0	0
mORF_+_3620405	3620405	3620548	+	2	144	GTG	TGA	0	0
mORF_+_3620549	3620549	3620587	+	2	39	GTG	TGA	0	0
mORF_+_3620577	3620577	3620726	+	3	150	GTG	TGA	0	0
mORF_+_3620723	3620723	3620746	+	2	24	ATG	TGA	0	0
mORF_+_3620730	3620730	3620750	+	3	21	ATG	TGA	0	0
mORF_+_3620747	3620747	3620890	+	2	144	ATG	TGA	0	0
mORF_+_3620898	3620898	3620993	+	3	96	ATG	TAA	0	0
mORF_+_3620909	3620909	3620923	+	2	15	ATG	TGA	0	0
mORF_+_3620969	3620969	3621022	+	2	54	ATG	TGA	0	0
mORF_+_3621000	3621000	3621035	+	3	36	TTG	TAA	0	0
mORF_+_3621038	3621038	3621049	+	2	12	TTG	TAG	0	0
mORF_+_3621062	3621062	3621073	+	2	12	ATG	TAA	0	0
mORF_+_3621096	3621096	3621107	+	3	12	TTG	TAA	0	0
mORF_+_3621126	3621126	3621131	+	3	6	ATG	TAA	0	0
mORF_+_3621140	3621140	3621310	+	2	171	GTG	TAG	0	0
mORF_+_3621207	3621207	3621215	+	3	9	TTG	TAA	0	0
mORF_+_3621273	3621273	3621296	+	3	24	TTG	TAA	0	0
mORF_+_3621359	3621359	3621379	+	2	21	GTG	TAG	0	0
mORF_+_3621422	3621422	3621805	+	2	384	ATG	TAA	0	0

mORF_+_3621471	3621471	3621539	+	3	69	GTG	TAA	0	0	
mORF_+_3621508	3621508	3621522	+	1	15	ATG	TAA	0	0	
mORF_+_3621549	3621549	3621602	+	3	54	ATG	TAG	0	0	
mORF_+_3621624	3621624	3621689	+	3	66	ATG	TAA	0	0	
mORF_+_3621697	3621697	3621708	+	1	12	TTG	TGA	0	0	
mORF_+_3621702	3621702	3621755	+	3	54	TTG	TAG	0	0	
mORF_+_3621768	3621768	3621785	+	3	18	ATG	TGA	0	0	
mORF_+_3621789	3621789	3621839	+	3	51	TTG	TGA	0	0	
mORF_+_3621808	3621808	3621813	+	1	6	ATG	TAA	0	0	
mORF_+_3621829	3621829	3621879	+	1	51	GTG	TAG	0	0	
mORF_+_3621839	3621839	3621850	+	2	12	ATG	TAG	0	0	
mORF_+_3621851	3621851	3621889	+	2	39	GTG	TAG	0	0	
mORF_+_3621895	3621895	3622155	+	1	261	ATG	TAA	0	0	
mORF_+_3621950	3621950	3621979	+	2	30	ATG	TAA	0	0	
mORF_+_3621966	3621966	3621971	+	3	6	ATG	TAA	0	0	
mORF_+_3621980	3621980	3622024	+	2	45	ATG	TGA	0	0	
mORF_+_3622088	3622088	3622195	+	2	108	TTG	TGA	0	0	
mORF_+_3622158	3622158	3622178	+	3	21	TTG	TAA	0	0	
mORF_+_3622192	3622192	3622293	+	1	102	TTG	TAA	0	0	
mORF_+_3622211	3622211	3622297	+	2	87	ATG	TAA	0	0	
mORF_+_3622224	3622224	3622322	+	3	99	TTG	TGA	0	0	
mORF_+_3622319	3622319	3622390	+	2	72	TTG	TAA	0	0	
mORF_+_3622354	3622354	3622386	+	1	33	TTG	TAA	0	0	
mORF_+_3622401	3622401	3623537	+	3	1137	ATG	TAA	0	0	
mORF_+_3622502	3622502	3622588	+	2	87	TTG	TGA	0	0	
mORF_+_3622504	3622504	3622542	+	1	39	GTG	TAG	0	0	
mORF_+_3622549	3622549	3622575	+	1	27	TTG	TGA	0	0	
mORF_+_3622582	3622582	3622986	+	1	405	ATG	TAA	0	0	
mORF_+_3622664	3622664	3622675	+	2	12	GTG	TAA	0	0	
mORF_+_3622925	3622925	3622969	+	2	45	TTG	TGA	0	0	
mORF_+_3623017	3623017	3623037	+	1	21	TTG	TGA	0	0	
mORF_+_3623059	3623059	3623172	+	1	114	ATG	TGA	0	0	
mORF_+_3623120	3623120	3623134	+	2	15	TTG	TGA	0	0	
mORF_+_3623159	3623159	3623266	+	2	108	ATG	TGA	0	0	
mORF_+_3623353	3623353	3623373	+	1	21	ATG	TAA	0	0	
mORF_+_3623383	3623383	3623433	+	1	51	ATG	TGA	0	0	
mORF_+_3623437	3623437	3623463	+	1	27	ATG	TAA	0	0	
mORF_+_3623515	3623515	3623583	+	1	69	TTG	TGA	0	0	
mORF_+_3623540	3623540	3623548	+	2	9	TTG	TGA	0	0	
mORF_+_3623597	3623597	3623614	+	2	18	TTG	TAA	0	0	
mORF_+_3623654	3623654	3623980	+	2	327	TTG	TGA	0	0	
mORF_+_3623662	3623662	3623730	+	1	69	ATG	TGA	0	0	
mORF_+_3623745	3623745	3623822	+	3	78	ATG	TAG	0	0	
mORF_+_3623755	3623755	3623844	+	1	90	ATG	TAA	0	0	
mORF_+_3623826	3623826	3624377	+	3	552	ATG	TAG	1	10	pORF_+_3623826
mORF_+_3623851	3623851	3623874	+	1	24	GTG	TAA	0	0	
mORF_+_3623977	3623977	3624000	+	1	24	TTG	TAA	0	0	
mORF_+_3624010	3624010	3624033	+	1	24	TTG	TGA	0	0	
mORF_+_3624200	3624200	3624643	+	2	444	GTG	TAA	0	0	
mORF_+_3624405	3624405	3624476	+	3	72	TTG	TGA	0	0	
mORF_+_3624439	3624439	3624519	+	1	81	ATG	TAG	0	0	
mORF_+_3624582	3624582	3624617	+	3	36	GTG	TAG	0	0	
mORF_+_3624595	3624595	3624627	+	1	33	GTG	TAA	0	0	
mORF_+_3624650	3624650	3624712	+	2	63	TTG	TGA	0	0	
mORF_+_3624666	3624666	3624899	+	3	234	ATG	TAA	1	8	pORF_+_3624666
mORF_+_3624818	3624818	3624967	+	2	150	ATG	TGA	0	0	
mORF_+_3624904	3624904	3625365	+	1	462	TTG	TAG	0	0	
mORF_+_3625044	3625044	3625064	+	3	21	GTG	TGA	0	0	
mORF_+_3625061	3625061	3625312	+	2	252	GTG	TAA	0	0	
mORF_+_3625260	3625260	3625319	+	3	60	ATG	TGA	0	0	
mORF_+_3625316	3625316	3625444	+	2	129	TTG	TAG	0	0	
mORF_+_3625368	3625368	3625664	+	3	297	TTG	TGA	0	0	
mORF_+_3625477	3625477	3625518	+	1	42	TTG	TAA	0	0	

mORF_+_3625528	3625528	3626130	+	1	603	GTG	TGA	0	0	
mORF_+_3625532	3625532	3625546	+	2	15	ATG	TAA	0	0	
mORF_+_3625637	3625637	3625702	+	2	66	TTG	TAA	0	0	
mORF_+_3625706	3625706	3625732	+	2	27	GTG	TAA	0	0	
mORF_+_3625748	3625748	3625834	+	2	87	TTG	TAA	0	0	
mORF_+_3625752	3625752	3625772	+	3	21	GTG	TGA	0	0	
mORF_+_3625970	3625970	3626035	+	2	66	GTG	TAG	0	0	
mORF_+_3626043	3626043	3626162	+	3	120	ATG	TAA	0	0	
mORF_+_3626132	3626132	3626293	+	2	162	ATG	TGA	0	0	
mORF_+_3626164	3626164	3626277	+	1	114	GTG	TAA	0	0	
mORF_+_3626290	3626290	3626343	+	1	54	ATG	TGA	0	0	
mORF_+_3626327	3626327	3626431	+	2	105	ATG	TGA	0	0	
mORF_+_3626340	3626340	3626372	+	3	33	ATG	TGA	0	0	
mORF_+_3626403	3626403	3626471	+	3	69	TTG	TGA	0	0	
mORF_+_3626428	3626428	3626448	+	1	21	GTG	TAA	0	0	
mORF_+_3626458	3626458	3626808	+	1	351	TTG	TAA	0	0	
mORF_+_3626468	3626468	3626482	+	2	15	GTG	TAG	0	0	
mORF_+_3626535	3626535	3626597	+	3	63	TTG	TGA	0	0	
mORF_+_3626594	3626594	3626683	+	2	90	GTG	TGA	0	0	
mORF_+_3626661	3626661	3626678	+	3	18	GTG	TAA	0	0	
mORF_+_3626711	3626711	3626758	+	2	48	ATG	TGA	0	0	
mORF_+_3626763	3626763	3626819	+	3	57	GTG	TAA	0	0	
mORF_+_3626820	3626820	3626837	+	3	18	ATG	TAG	0	0	
mORF_+_3626842	3626842	3626859	+	1	18	TTG	TAG	0	0	
mORF_+_3626877	3626877	3627179	+	3	303	TTG	TGA	0	0	
mORF_+_3626945	3626945	3627208	+	2	264	GTG	TGA	0	0	
mORF_+_3627070	3627070	3627078	+	1	9	GTG	TAA	0	0	
mORF_+_3627100	3627100	3627153	+	1	54	TTG	TAA	0	0	
mORF_+_3627205	3627205	3627882	+	1	678	GTG	TAG	0	0	
mORF_+_3627254	3627254	3627262	+	2	9	GTG	TAG	0	0	
mORF_+_3627269	3627269	3627499	+	2	231	TTG	TAA	2	8	pORF_+_3627269
mORF_+_3627561	3627561	3627671	+	3	111	TTG	TAA	0	0	
mORF_+_3627677	3627677	3627694	+	2	18	GTG	TGA	0	0	
mORF_+_3627740	3627740	3627748	+	2	9	TTG	TGA	0	0	
mORF_+_3627779	3627779	3627892	+	2	114	TTG	TGA	0	0	
mORF_+_3628012	3628012	3628059	+	1	48	ATG	TGA	0	0	
mORF_+_3628029	3628029	3628205	+	3	177	TTG	TGA	0	0	
mORF_+_3628031	3628031	3628063	+	2	33	GTG	TGA	0	0	
mORF_+_3628060	3628060	3628110	+	1	51	ATG	TGA	0	0	
mORF_+_3628073	3628073	3628087	+	2	15	GTG	TAG	0	0	
mORF_+_3628202	3628202	3628261	+	2	60	GTG	TAA	0	0	
mORF_+_3628218	3628218	3628583	+	3	366	ATG	TAA	0	0	
mORF_+_3628271	3628271	3628345	+	2	75	GTG	TGA	0	0	
mORF_+_3628342	3628342	3628641	+	1	300	TTG	TAA	0	0	
mORF_+_3628605	3628605	3628823	+	3	219	ATG	TGA	0	0	
mORF_+_3628789	3628789	3628863	+	1	75	ATG	TGA	0	0	
mORF_+_3628820	3628820	3628840	+	2	21	ATG	TAA	0	0	
mORF_+_3628841	3628841	3628846	+	2	6	GTG	TGA	0	0	
mORF_+_3628883	3628883	3629002	+	2	120	TTG	TAA	0	0	
mORF_+_3628909	3628909	3628962	+	1	54	TTG	TAG	0	0	
mORF_+_3628977	3628977	3629060	+	3	84	ATG	TAA	0	0	
mORF_+_3629005	3629005	3629019	+	1	15	TTG	TAA	0	0	
mORF_+_3629051	3629051	3629167	+	2	117	ATG	TAA	0	0	
mORF_+_3629073	3629073	3629228	+	3	156	GTG	TGA	0	0	
mORF_+_3629213	3629213	3629239	+	2	27	ATG	TAA	0	0	
mORF_+_3629215	3629215	3629274	+	1	60	GTG	TAG	0	0	
mORF_+_3629243	3629243	3629248	+	2	6	TTG	TGA	0	0	
mORF_+_3629349	3629349	3629369	+	3	21	TTG	TGA	0	0	
mORF_+_3629366	3629366	3629395	+	2	30	ATG	TAA	0	0	
mORF_+_3629379	3629379	3629459	+	3	81	TTG	TAA	0	0	
mORF_+_3629386	3629386	3629433	+	1	48	TTG	TAG	0	0	
mORF_+_3629489	3629489	3629638	+	2	150	ATG	TAA	0	0	
mORF_+_3629497	3629497	3629589	+	1	93	TTG	TGA	0	0	

mORF+_3629508	3629508	3629525	+	3	18	TTG	TAG	0	0
mORF+_3629586	3629586	3629603	+	3	18	GTG	TAG	0	0
mORF+_3629610	3629610	3629627	+	3	18	TTG	TGA	0	0
mORF+_3629642	3629642	3629677	+	2	36	ATG	TAA	0	0
mORF+_3629655	3629655	3629696	+	3	42	TTG	TGA	0	0
mORF+_3629693	3629693	3629779	+	2	87	TTG	TAA	0	0
mORF+_3629709	3629709	3629783	+	3	75	TTG	TAA	0	0
mORF+_3629749	3629749	3629772	+	1	24	ATG	TAA	0	0
mORF+_3629805	3629805	3630017	+	3	213	ATG	TAG	0	0
mORF+_3629833	3629833	3629841	+	1	9	TTG	TAA	0	0
mORF+_3629855	3629855	3629878	+	2	24	TTG	TAG	0	0
mORF+_3629954	3629954	3629995	+	2	42	ATG	TGA	0	0
mORF+_3629962	3629962	3630108	+	1	147	TTG	TAA	0	0
mORF+_3630033	3630033	3630065	+	3	33	GTG	TAG	0	0
mORF+_3630125	3630125	3630214	+	2	90	TTG	TAA	0	0
mORF+_3630147	3630147	3630218	+	3	72	ATG	TAA	0	0
mORF+_3630270	3630270	3630296	+	3	27	TTG	TGA	0	0
mORF+_3630280	3630280	3630291	+	1	12	TTG	TAA	0	0
mORF+_3630320	3630320	3630340	+	2	21	ATG	TAG	0	0
mORF+_3630330	3630330	3630362	+	3	33	ATG	TGA	0	0
mORF+_3630359	3630359	3630382	+	2	24	ATG	TGA	0	0
mORF+_3630372	3630372	3630398	+	3	27	ATG	TGA	0	0
mORF+_3630379	3630379	3630402	+	1	24	ATG	TAG	0	0
mORF+_3630395	3630395	3630478	+	2	84	TTG	TGA	0	0
mORF+_3630460	3630460	3630525	+	1	66	TTG	TAG	0	0
mORF+_3630525	3630525	3630650	+	3	126	GTG	TAG	0	0
mORF+_3630539	3630539	3630757	+	2	219	ATG	TAG	0	0
mORF+_3630559	3630559	3630588	+	1	30	TTG	TAG	0	0
mORF+_3630666	3630666	3630698	+	3	33	ATG	TAA	0	0
mORF+_3630706	3630706	3630735	+	1	30	TTG	TAA	0	0
mORF+_3630777	3630777	3630782	+	3	6	TTG	TAG	0	0
mORF+_3630798	3630798	3630878	+	3	81	ATG	TAA	0	0
mORF+_3630826	3630826	3630846	+	1	21	ATG	TAA	0	0
mORF+_3630878	3630878	3630883	+	2	6	ATG	TAG	0	0
mORF+_3630884	3630884	3630904	+	2	21	TTG	TGA	0	0
mORF+_3630934	3630934	3630963	+	1	30	GTG	TAA	0	0
mORF+_3630977	3630977	3631162	+	2	186	TTG	TAG	0	0
mORF+_3631026	3631026	3631118	+	3	93	ATG	TAA	0	0
mORF+_3631054	3631054	3631071	+	1	18	GTG	TGA	0	0
mORF+_3631084	3631084	3631095	+	1	12	GTG	TGA	0	0
mORF+_3631132	3631132	3631206	+	1	75	GTG	TAA	0	0
mORF+_3631134	3631134	3631250	+	3	117	GTG	TGA	0	0
mORF+_3631163	3631163	3631171	+	2	9	ATG	TAG	0	0
mORF+_3631184	3631184	3631219	+	2	36	GTG	TAA	0	0
mORF+_3631255	3631255	3631326	+	1	72	ATG	TAA	0	0
mORF+_3631330	3631330	3631341	+	1	12	TTG	TGA	0	0
mORF+_3631402	3631402	3631413	+	1	12	ATG	TAG	0	0
mORF+_3631407	3631407	3631436	+	3	30	TTG	TAA	0	0
mORF+_3631439	3631439	3631450	+	2	12	TTG	TGA	0	0
mORF+_3631447	3631447	3631524	+	1	78	ATG	TAG	0	0
mORF+_3631576	3631576	3631620	+	1	45	ATG	TAA	0	0
mORF+_3631627	3631627	3631668	+	1	42	ATG	TAA	0	0
mORF+_3631652	3631652	3631678	+	2	27	ATG	TAG	0	0
mORF+_3631696	3631696	3631713	+	1	18	ATG	TGA	0	0
mORF+_3631700	3631700	3631801	+	2	102	TTG	TAA	0	0
mORF+_3631704	3631704	3631769	+	3	66	ATG	TGA	0	0
mORF+_3631726	3631726	3631734	+	1	9	GTG	TAA	0	0
mORF+_3631777	3631777	3631785	+	1	9	ATG	TGA	0	0
mORF+_3631794	3631794	3631865	+	3	72	ATG	TAA	0	0
mORF+_3631844	3631844	3631885	+	2	42	GTG	TAG	0	0
mORF+_3631855	3631855	3631899	+	1	45	TTG	TGA	0	0
mORF+_3631896	3631896	3631913	+	3	18	TTG	TAA	0	0
mORF+_3631976	3631976	3632041	+	2	66	TTG	TAA	0	0

mORF+_3632111	3632111	3632206	+	2	96	ATG	TGA	0	0
mORF+_3632134	3632134	3632424	+	1	291	ATG	TGA	0	0
mORF+_3632154	3632154	3632159	+	3	6	TTG	TAA	0	0
mORF+_3632300	3632300	3632404	+	2	105	ATG	TGA	0	0
mORF+_3632367	3632367	3632414	+	3	48	TTG	TAA	0	0
mORF+_3632425	3632425	3632445	+	1	21	ATG	TGA	0	0
mORF+_3632442	3632442	3632459	+	3	18	TTG	TAA	0	0
mORF+_3632450	3632450	3632464	+	2	15	ATG	TGA	0	0
mORF+_3632465	3632465	3632494	+	2	30	TTG	TGA	0	0
mORF+_3632472	3632472	3632483	+	3	12	TTG	TAA	0	0
mORF+_3632491	3632491	3632514	+	1	24	GTG	TAA	0	0
mORF+_3632505	3632505	3632522	+	3	18	TTG	TAA	0	0
mORF+_3632523	3632523	3632537	+	3	15	ATG	TGA	0	0
mORF+_3632530	3632530	3632565	+	1	36	TTG	TAA	0	0
mORF+_3632576	3632576	3632680	+	2	105	ATG	TAA	0	0
mORF+_3632653	3632653	3632658	+	1	6	TTG	TAA	0	0
mORF+_3632705	3632705	3632716	+	2	12	ATG	TGA	0	0
mORF+_3632713	3632713	3632730	+	1	18	TTG	TAA	0	0
mORF+_3632760	3632760	3632780	+	3	21	ATG	TAA	0	0
mORF+_3632765	3632765	3633916	+	2	1152	ATG	TAA	0	0
mORF+_3632881	3632881	3633069	+	1	189	GTG	TAA	0	0
mORF+_3632934	3632934	3632993	+	3	60	GTG	TGA	0	0
mORF+_3633099	3633099	3633128	+	3	30	TTG	TGA	0	0
mORF+_3633130	3633130	3633159	+	1	30	ATG	TGA	0	0
mORF+_3633156	3633156	3633164	+	3	9	ATG	TGA	0	0
mORF+_3633177	3633177	3633212	+	3	36	TTG	TGA	0	0
mORF+_3633213	3633213	3633326	+	3	114	TTG	TAA	0	0
mORF+_3633342	3633342	3633413	+	3	72	TTG	TAA	0	0
mORF+_3633379	3633379	3633402	+	1	24	TTG	TAA	0	0
mORF+_3633423	3633423	3633452	+	3	30	ATG	TAA	0	0
mORF+_3633462	3633462	3633473	+	3	12	GTG	TAA	0	0
mORF+_3633474	3633474	3633599	+	3	126	TTG	TAA	0	0
mORF+_3633538	3633538	3633909	+	1	372	GTG	TAA	0	0
mORF+_3633609	3633609	3633659	+	3	51	ATG	TGA	0	0
mORF+_3633789	3633789	3633893	+	3	105	TTG	TAA	0	0
mORF+_3633917	3633917	3633934	+	2	18	TTG	TAA	0	0
mORF+_3633943	3633943	3633999	+	1	57	TTG	TAA	0	0
mORF+_3633951	3633951	3633974	+	3	24	TTG	TAA	0	0
mORF+_3633980	3633980	3633988	+	2	9	ATG	TAA	0	0
mORF+_3633999	3633999	3634013	+	3	15	ATG	TAA	0	0
mORF+_3634006	3634006	3634065	+	1	60	GTG	TAA	0	0
mORF+_3634081	3634081	3634206	+	1	126	GTG	TAA	0	0
mORF+_3634121	3634121	3634150	+	2	30	ATG	TAA	0	0
mORF+_3634242	3634242	3634322	+	3	81	TTG	TGA	0	0
mORF+_3634319	3634319	3634435	+	2	117	GTG	TAA	0	0
mORF+_3634380	3634380	3634481	+	3	102	GTG	TAA	0	0
mORF+_3634442	3634442	3634579	+	2	138	GTG	TGA	0	0
mORF+_3634453	3634453	3634518	+	1	66	TTG	TAA	0	0
mORF+_3634485	3634485	3634508	+	3	24	GTG	TGA	0	0
mORF+_3634534	3634534	3634551	+	1	18	TTG	TAA	0	0
mORF+_3634576	3634576	3634662	+	1	87	ATG	TAA	0	0
mORF+_3634587	3634587	3634670	+	3	84	GTG	TGA	0	0
mORF+_3634589	3634589	3634606	+	2	18	GTG	TGA	0	0
mORF+_3634667	3634667	3634699	+	2	33	TTG	TAA	0	0
mORF+_3634690	3634690	3634704	+	1	15	TTG	TGA	0	0
mORF+_3634701	3634701	3634745	+	3	45	TTG	TGA	0	0
mORF+_3634738	3634738	3634752	+	1	15	GTG	TAA	0	0
mORF+_3634742	3634742	3634915	+	2	174	GTG	TAA	0	0
mORF+_3634843	3634843	3634947	+	1	105	ATG	TGA	0	0
mORF+_3634854	3634854	3634889	+	3	36	ATG	TGA	0	0
mORF+_3634944	3634944	3634967	+	3	24	TTG	TGA	0	0
mORF+_3634964	3634964	3635251	+	2	288	ATG	TAA	0	0
mORF+_3635134	3635134	3635142	+	1	9	TTG	TAA	0	0

mORF_+_3635152	3635152	3635541	+	1	390	GTG	TAA	0	0	
mORF_+_3635208	3635208	3635279	+	3	72	GTG	TAA	0	0	
mORF_+_3635273	3635273	3635365	+	2	93	TTG	TGA	0	0	
mORF_+_3635414	3635414	3635449	+	2	36	ATG	TAG	0	0	
mORF_+_3635466	3635466	3635471	+	3	6	TTG	TAA	0	0	
mORF_+_3635520	3635520	3635552	+	3	33	TTG	TGA	0	0	
mORF_+_3635549	3635549	3635623	+	2	75	TTG	TGA	0	0	
mORF_+_3635553	3635553	3635765	+	3	213	GTG	TGA	0	0	
mORF_+_3635599	3635599	3635658	+	1	60	TTG	TAA	0	0	
mORF_+_3635639	3635639	3635875	+	2	237	ATG	TGA	0	0	
mORF_+_3635665	3635665	3637164	+	1	1500	ATG	TAA	8	24	pORF_+_3635665
mORF_+_3635876	3635876	3636037	+	2	162	GTG	TGA	0	0	
mORF_+_3636038	3636038	3636064	+	2	27	TTG	TAA	0	0	
mORF_+_3636068	3636068	3636076	+	2	9	ATG	TGA	0	0	
mORF_+_3636098	3636098	3636124	+	2	27	ATG	TAA	0	0	
mORF_+_3636155	3636155	3636184	+	2	30	TTG	TGA	0	0	
mORF_+_3636254	3636254	3636307	+	2	54	GTG	TGA	0	0	
mORF_+_3636350	3636350	3636388	+	2	39	ATG	TGA	0	0	
mORF_+_3636389	3636389	3636418	+	2	30	TTG	TGA	0	0	
mORF_+_3636425	3636425	3636535	+	2	111	ATG	TAG	0	0	
mORF_+_3636638	3636638	3636730	+	2	93	ATG	TGA	0	0	
mORF_+_3636699	3636699	3636710	+	3	12	GTG	TGA	0	0	
mORF_+_3636746	3636746	3636769	+	2	24	GTG	TGA	0	0	
mORF_+_3636806	3636806	3636847	+	2	42	ATG	TAG	0	0	
mORF_+_3636816	3636816	3636896	+	3	81	GTG	TGA	0	0	
mORF_+_3636863	3636863	3636919	+	2	57	TTG	TGA	0	0	
mORF_+_3637046	3637046	3637075	+	2	30	ATG	TGA	0	0	
mORF_+_3637207	3637207	3637212	+	1	6	TTG	TGA	0	0	
mORF_+_3637209	3637209	3637217	+	3	9	GTG	TAG	0	0	
mORF_+_3637217	3637217	3637345	+	2	129	GTG	TAA	0	0	
mORF_+_3637224	3637224	3637247	+	3	24	TTG	TGA	0	0	
mORF_+_3637237	3637237	3637590	+	1	354	ATG	TGA	0	0	
mORF_+_3637272	3637272	3637286	+	3	15	ATG	TAG	0	0	
mORF_+_3637299	3637299	3637304	+	3	6	ATG	TAG	0	0	
mORF_+_3637385	3637385	3637402	+	2	18	ATG	TGA	0	0	
mORF_+_3637404	3637404	3637439	+	3	36	GTG	TGA	0	0	
mORF_+_3637458	3637458	3637475	+	3	18	ATG	TAA	0	0	
mORF_+_3637571	3637571	3637621	+	2	51	TTG	TGA	0	0	
mORF_+_3637587	3637587	3637595	+	3	9	GTG	TAA	0	0	
mORF_+_3637618	3637618	3637656	+	1	39	TTG	TAA	0	0	
mORF_+_3637629	3637629	3637694	+	3	66	ATG	TAA	0	0	
mORF_+_3637688	3637688	3637873	+	2	186	ATG	TAG	0	0	
mORF_+_3637725	3637725	3637817	+	3	93	ATG	TAA	0	0	
mORF_+_3637842	3637842	3637850	+	3	9	TTG	TGA	0	0	
mORF_+_3637877	3637877	3637882	+	2	6	GTG	TAG	0	0	
mORF_+_3637892	3637892	3637954	+	2	63	TTG	TAA	0	0	
mORF_+_3637932	3637932	3637961	+	3	30	ATG	TAA	0	0	
mORF_+_3637972	3637972	3638076	+	1	105	TTG	TAA	0	0	
mORF_+_3638117	3638117	3638194	+	2	78	ATG	TAG	0	0	
mORF_+_3638134	3638134	3638568	+	1	435	ATG	TAA	45	1829	pORF_+_3638134
mORF_+_3638225	3638225	3638242	+	2	18	ATG	TGA	0	0	
mORF_+_3638252	3638252	3638257	+	2	6	ATG	TAA	0	0	
mORF_+_3638285	3638285	3638293	+	2	9	TTG	TGA	0	0	
mORF_+_3638300	3638300	3638344	+	2	45	GTG	TGA	0	0	
mORF_+_3638360	3638360	3638389	+	2	30	ATG	TGA	0	0	
mORF_+_3638423	3638423	3638491	+	2	69	ATG	TGA	0	0	
mORF_+_3638457	3638457	3638531	+	3	75	TTG	TGA	0	0	
mORF_+_3638528	3638528	3638539	+	2	12	TTG	TGA	0	0	
mORF_+_3638540	3638540	3638593	+	2	54	TTG	TGA	0	0	
mORF_+_3638584	3638584	3638742	+	1	159	GTG	TGA	0	0	
mORF_+_3638604	3638604	3638642	+	3	39	ATG	TGA	0	0	
mORF_+_3638615	3638615	3638713	+	2	99	TTG	TAA	0	0	
mORF_+_3638739	3638739	3638777	+	3	39	GTG	TAA	0	0	

mORF_+_3638761	3638761	3638766	+	1	6	TTG	TAA	0	0
mORF_+_3638814	3638814	3638819	+	3	6	ATG	TAA	0	0
mORF_+_3638862	3638862	3638879	+	3	18	ATG	TAA	0	0
mORF_+_3638885	3638885	3640354	+	2	1470	ATG	TAA	0	0
mORF_+_3638946	3638946	3639176	+	3	231	TTG	TGA	0	0
mORF_+_3638956	3638956	3639012	+	1	57	ATG	TAA	0	0
mORF_+_3639280	3639280	3639309	+	1	30	GTG	TGA	0	0
mORF_+_3639306	3639306	3639356	+	3	51	TTG	TGA	0	0
mORF_+_3639418	3639418	3639492	+	1	75	GTG	TGA	0	0
mORF_+_3639465	3639465	3639476	+	3	12	GTG	TGA	0	0
mORF_+_3639483	3639483	3639512	+	3	30	TTG	TGA	0	0
mORF_+_3639540	3639540	3639554	+	3	15	TTG	TGA	0	0
mORF_+_3639565	3639565	3639669	+	1	105	ATG	TAA	0	0
mORF_+_3639612	3639612	3639707	+	3	96	TTG	TGA	0	0
mORF_+_3639768	3639768	3639926	+	3	159	TTG	TGA	0	0
mORF_+_3639949	3639949	3640062	+	1	114	GTG	TGA	0	0
mORF_+_3639993	3639993	3640013	+	3	21	TTG	TGA	0	0
mORF_+_3640059	3640059	3640094	+	3	36	GTG	TGA	0	0
mORF_+_3640095	3640095	3640121	+	3	27	TTG	TGA	0	0
mORF_+_3640141	3640141	3640230	+	1	90	GTG	TGA	0	0
mORF_+_3640182	3640182	3640295	+	3	114	ATG	TAG	0	0
mORF_+_3640315	3640315	3640446	+	1	132	GTG	TAG	0	0
mORF_+_3640332	3640332	3640400	+	3	69	TTG	TAG	0	0
mORF_+_3640361	3640361	3640378	+	2	18	TTG	TAG	0	0
mORF_+_3640436	3640436	3640549	+	2	114	ATG	TAA	0	0
mORF_+_3640446	3640446	3640493	+	3	48	GTG	TAG	0	0
mORF_+_3640459	3640459	3640674	+	1	216	TTG	TAA	0	0
mORF_+_3640518	3640518	3640586	+	3	69	TTG	TGA	0	0
mORF_+_3640628	3640628	3640711	+	2	84	ATG	TAA	0	0
mORF_+_3640869	3640869	3640895	+	3	27	GTG	TAA	0	0
mORF_+_3640905	3640905	3641162	+	3	258	ATG	TGA	0	0
mORF_+_3640958	3640958	3641047	+	2	90	GTG	TAA	0	0
mORF_+_3641005	3641005	3641181	+	1	177	TTG	TAA	0	0
mORF_+_3641075	3641075	3641110	+	2	36	GTG	TAA	0	0
mORF_+_3641159	3641159	3641173	+	2	15	ATG	TAA	0	0
mORF_+_3641181	3641181	3641252	+	3	72	ATG	TGA	0	0
mORF_+_3641227	3641227	3641367	+	1	141	TTG	TAG	0	0
mORF_+_3641403	3641403	3642314	+	3	912	ATG	TAA	0	0
mORF_+_3641441	3641441	3641467	+	2	27	ATG	TGA	0	0
mORF_+_3641464	3641464	3641502	+	1	39	TTG	TGA	0	0
mORF_+_3641492	3641492	3641566	+	2	75	TTG	TAA	0	0
mORF_+_3641761	3641761	3641790	+	1	30	ATG	TGA	0	0
mORF_+_3641809	3641809	3641826	+	1	18	GTG	TGA	0	0
mORF_+_3641827	3641827	3641985	+	1	159	GTG	TAG	0	0
mORF_+_3642076	3642076	3642087	+	1	12	GTG	TAA	0	0
mORF_+_3642124	3642124	3642171	+	1	48	TTG	TAG	0	0
mORF_+_3642244	3642244	3642375	+	1	132	TTG	TAG	0	0
mORF_+_3642284	3642284	3642352	+	2	69	GTG	TAG	0	0
mORF_+_3642393	3642393	3643193	+	3	801	TTG	TAA	0	0
mORF_+_3642436	3642436	3642471	+	1	36	TTG	TGA	0	0
mORF_+_3642461	3642461	3642664	+	2	204	TTG	TAA	0	0
mORF_+_3642484	3642484	3642492	+	1	9	GTG	TAA	0	0
mORF_+_3642523	3642523	3642534	+	1	12	TTG	TAG	0	0
mORF_+_3642670	3642670	3642753	+	1	84	TTG	TAA	0	0
mORF_+_3642683	3642683	3642997	+	2	315	TTG	TGA	0	0
mORF_+_3642781	3642781	3642852	+	1	72	ATG	TAA	0	0
mORF_+_3642913	3642913	3642951	+	1	39	GTG	TAG	0	0
mORF_+_3643063	3643063	3643260	+	1	198	GTG	TAA	0	0
mORF_+_3643070	3643070	3643126	+	2	57	GTG	TAG	0	0
mORF_+_3643260	3643260	3643280	+	3	21	ATG	TAA	0	0
mORF_+_3643262	3643262	3643480	+	2	219	GTG	TGA	0	0
mORF_+_3643264	3643264	3643269	+	1	6	GTG	TAG	0	0
mORF_+_3643281	3643281	3643286	+	3	6	GTG	TAG	0	0

mORF_+_3643296	3643296	3643349	+	3	54	ATG	TGA	0	0	
mORF_+_3643357	3643357	3644250	+	1	894	TTG	TAA	14	33	pORF_+_3643357
mORF_+_3643359	3643359	3643460	+	3	102	GTG	TAA	0	0	
mORF_+_3643568	3643568	3643663	+	2	96	ATG	TAA	0	0	
mORF_+_3643715	3643715	3643756	+	2	42	TTG	TGA	0	0	
mORF_+_3643814	3643814	3643888	+	2	75	GTG	TAA	0	0	
mORF_+_3643907	3643907	3643915	+	2	9	ATG	TGA	0	0	
mORF_+_3643989	3643989	3644021	+	3	33	GTG	TAA	0	0	
mORF_+_3644072	3644072	3644113	+	2	42	TTG	TGA	0	0	
mORF_+_3644129	3644129	3644134	+	2	6	TTG	TGA	0	0	
mORF_+_3644145	3644145	3644171	+	3	27	GTG	TAA	0	0	
mORF_+_3644181	3644181	3644309	+	3	129	GTG	TAA	0	0	
mORF_+_3644251	3644251	3644325	+	1	75	TTG	TGA	0	0	
mORF_+_3644322	3644322	3645674	+	3	1353	ATG	TAA	53	360	pORF_+_3644322
mORF_+_3644335	3644335	3644418	+	1	84	ATG	TGA	0	0	
mORF_+_3644408	3644408	3644422	+	2	15	ATG	TGA	0	0	
mORF_+_3644419	3644419	3644451	+	1	33	TTG	TAA	0	0	
mORF_+_3644452	3644452	3644478	+	1	27	ATG	TGA	0	0	
mORF_+_3644480	3644480	3644503	+	2	24	GTG	TGA	0	0	
mORF_+_3644500	3644500	3644574	+	1	75	GTG	TGA	0	0	
mORF_+_3644617	3644617	3644652	+	1	36	ATG	TAA	0	0	
mORF_+_3644662	3644662	3644697	+	1	36	TTG	TAA	0	0	
mORF_+_3644785	3644785	3644877	+	1	93	TTG	TGA	0	0	
mORF_+_3644908	3644908	3644949	+	1	42	TTG	TGA	0	0	
mORF_+_3645037	3645037	3645048	+	1	12	ATG	TGA	0	0	
mORF_+_3645064	3645064	3645093	+	1	30	ATG	TGA	0	0	
mORF_+_3645086	3645086	3645124	+	2	39	TTG	TGA	0	0	
mORF_+_3645103	3645103	3645252	+	1	150	TTG	TGA	0	0	
mORF_+_3645265	3645265	3645384	+	1	120	TTG	TAA	0	0	
mORF_+_3645409	3645409	3645426	+	1	18	ATG	TGA	0	0	
mORF_+_3645485	3645485	3645706	+	2	222	GTG	TAG	1	2	pORF_+_3645485
mORF_+_3645508	3645508	3645591	+	1	84	TTG	TGA	0	0	
mORF_+_3645675	3645675	3645689	+	3	15	ATG	TAA	0	0	
mORF_+_3645697	3645697	3645795	+	1	99	GTG	TGA	0	0	
mORF_+_3645792	3645792	3645836	+	3	45	ATG	TGA	0	0	
mORF_+_3645796	3645796	3645894	+	1	99	TTG	TAA	0	0	
mORF_+_3645833	3645833	3646012	+	2	180	GTG	TAA	0	0	
mORF_+_3645876	3645876	3645890	+	3	15	ATG	TAG	0	0	
mORF_+_3645957	3645957	3646004	+	3	48	TTG	TAA	0	0	
mORF_+_3645976	3645976	3645987	+	1	12	TTG	TGA	0	0	
mORF_+_3646024	3646024	3646089	+	1	66	ATG	TAG	0	0	
mORF_+_3646050	3646050	3646058	+	3	9	TTG	TAG	0	0	
mORF_+_3646090	3646090	3646197	+	1	108	ATG	TGA	0	0	
mORF_+_3646194	3646194	3646211	+	3	18	ATG	TGA	0	0	
mORF_+_3646208	3646208	3646303	+	2	96	GTG	TAA	0	0	
mORF_+_3646246	3646246	3646320	+	1	75	GTG	TAG	0	0	
mORF_+_3646281	3646281	3646292	+	3	12	TTG	TAG	0	0	
mORF_+_3646425	3646425	3646484	+	3	60	ATG	TAA	0	0	
mORF_+_3646492	3646492	3646926	+	1	435	ATG	TGA	0	0	
mORF_+_3646551	3646551	3646904	+	3	354	ATG	TAA	0	0	
mORF_+_3646643	3646643	3646717	+	2	75	ATG	TGA	0	0	
mORF_+_3646751	3646751	3646807	+	2	57	GTG	TGA	0	0	
mORF_+_3646820	3646820	3646825	+	2	6	ATG	TGA	0	0	
mORF_+_3646895	3646895	3646912	+	2	18	TTG	TAG	0	0	
mORF_+_3646923	3646923	3646988	+	3	66	ATG	TGA	0	0	
mORF_+_3646937	3646937	3648247	+	2	1311	GTG	TAA	1	7	pORF_+_3646937
mORF_+_3647037	3647037	3647066	+	3	30	GTG	TAG	0	0	
mORF_+_3647088	3647088	3647312	+	3	225	GTG	TGA	0	0	
mORF_+_3647104	3647104	3647172	+	1	69	GTG	TGA	0	0	
mORF_+_3647188	3647188	3647220	+	1	33	ATG	TAA	0	0	
mORF_+_3647319	3647319	3647345	+	3	27	TTG	TAG	0	0	
mORF_+_3647394	3647394	3647438	+	3	45	TTG	TGA	0	0	
mORF_+_3647460	3647460	3647492	+	3	33	TTG	TGA	0	0	

mORF_+_3647517	3647517	3647534	+	3	18	TTG	TGA	0	0	
mORF_+_3647643	3647643	3647702	+	3	60	TTG	TGA	0	0	
mORF_+_3647709	3647709	3647729	+	3	21	TTG	TGA	0	0	
mORF_+_3647736	3647736	3647861	+	3	126	TTG	TAA	0	0	
mORF_+_3647908	3647908	3648003	+	1	96	GTG	TGA	0	0	
mORF_+_3647985	3647985	3648056	+	3	72	TTG	TGA	0	0	
mORF_+_3648057	3648057	3648143	+	3	87	TTG	TGA	0	0	
mORF_+_3648201	3648201	3648206	+	3	6	TTG	TGA	0	0	
mORF_+_3648247	3648247	3648258	+	1	12	ATG	TGA	0	0	
mORF_+_3648260	3648260	3648685	+	2	426	ATG	TAA	8	17	pORF_+_3648260
mORF_+_3648384	3648384	3648503	+	3	120	ATG	TAA	0	0	
mORF_+_3648546	3648546	3648554	+	3	9	TTG	TGA	0	0	
mORF_+_3648574	3648574	3648660	+	1	87	GTG	TGA	0	0	
mORF_+_3648612	3648612	3648680	+	3	69	ATG	TGA	0	0	
mORF_+_3648709	3648709	3648780	+	1	72	TTG	TGA	0	0	
mORF_+_3648720	3648720	3648791	+	3	72	GTG	TGA	0	0	
mORF_+_3648740	3648740	3648904	+	2	165	ATG	TGA	0	0	
mORF_+_3648804	3648804	3648809	+	3	6	TTG	TAG	0	0	
mORF_+_3648864	3648864	3648941	+	3	78	GTG	TAA	0	0	
mORF_+_3648901	3648901	3648936	+	1	36	GTG	TAG	0	0	
mORF_+_3648956	3648956	3648994	+	2	39	ATG	TAA	0	0	
mORF_+_3648967	3648967	3648990	+	1	24	GTG	TAA	0	0	
mORF_+_3649091	3649091	3649105	+	2	15	ATG	TGA	0	0	
mORF_+_3649102	3649102	3649179	+	1	78	TTG	TAA	0	0	
mORF_+_3649109	3649109	3649216	+	2	108	TTG	TAA	0	0	
mORF_+_3649170	3649170	3649262	+	3	93	GTG	TAA	0	0	
mORF_+_3649232	3649232	3649324	+	2	93	GTG	TGA	0	0	
mORF_+_3649234	3649234	3649239	+	1	6	GTG	TAG	0	0	
mORF_+_3649314	3649314	3650096	+	3	783	ATG	TGA	0	0	
mORF_+_3649321	3649321	3649341	+	1	21	TTG	TAA	0	0	
mORF_+_3649390	3649390	3649500	+	1	111	ATG	TAG	0	0	
mORF_+_3649415	3649415	3649429	+	2	15	GTG	TAA	0	0	
mORF_+_3649430	3649430	3649453	+	2	24	TTG	TAA	0	0	
mORF_+_3649525	3649525	3649590	+	1	66	ATG	TAA	0	0	
mORF_+_3649529	3649529	3649603	+	2	75	GTG	TAA	0	0	
mORF_+_3649606	3649606	3649617	+	1	12	TTG	TAA	0	0	
mORF_+_3649678	3649678	3649749	+	1	72	ATG	TAA	0	0	
mORF_+_3649700	3649700	3649723	+	2	24	ATG	TAA	0	0	
mORF_+_3649789	3649789	3649857	+	1	69	GTG	TAA	0	0	
mORF_+_3649900	3649900	3649929	+	1	30	TTG	TGA	0	0	
mORF_+_3649936	3649936	3649968	+	1	33	TTG	TGA	0	0	
mORF_+_3650117	3650117	3650167	+	2	51	ATG	TAG	0	0	
mORF_+_3650121	3650121	3650144	+	3	24	TTG	TAA	0	0	
mORF_+_3650145	3650145	3650153	+	3	9	ATG	TGA	0	0	
mORF_+_3650208	3650208	3650270	+	3	63	GTG	TAA	0	0	
mORF_+_3650254	3650254	3650520	+	1	267	TTG	TAG	0	0	
mORF_+_3650280	3650280	3650534	+	3	255	TTG	TGA	0	0	
mORF_+_3650351	3650351	3650401	+	2	51	ATG	TGA	0	0	
mORF_+_3650420	3650420	3650578	+	2	159	GTG	TGA	0	0	
mORF_+_3650541	3650541	3650909	+	3	369	TTG	TAA	0	0	
mORF_+_3650575	3650575	3650673	+	1	99	TTG	TGA	0	0	
mORF_+_3650674	3650674	3650691	+	1	18	TTG	TGA	0	0	
mORF_+_3650719	3650719	3650775	+	1	57	TTG	TGA	0	0	
mORF_+_3650738	3650738	3650749	+	2	12	GTG	TGA	0	0	
mORF_+_3650782	3650782	3650841	+	1	60	ATG	TGA	0	0	
mORF_+_3650869	3650869	3650997	+	1	129	ATG	TGA	0	0	
mORF_+_3650982	3650982	3651005	+	3	24	ATG	TAG	0	0	
mORF_+_3650998	3650998	3651024	+	1	27	ATG	TAA	0	0	
mORF_+_3651046	3651046	3651054	+	1	9	TTG	TAA	0	0	
mORF_+_3651064	3651064	3651135	+	1	72	ATG	TGA	0	0	
mORF_+_3651081	3651081	3651257	+	3	177	TTG	TAG	0	0	
mORF_+_3651086	3651086	3651151	+	2	66	ATG	TGA	0	0	
mORF_+_3651184	3651184	3651261	+	1	78	ATG	TGA	0	0	

mORF_+_3651239	3651239	3651736	+	2	498	TTG	TAA	0	0	
mORF_+_3651258	3651258	3651359	+	3	102	GTG	TAA	0	0	
mORF_+_3651366	3651366	3651410	+	3	45	ATG	TAA	0	0	
mORF_+_3651450	3651450	3651461	+	3	12	ATG	TAA	0	0	
mORF_+_3651487	3651487	3651495	+	1	9	ATG	TAA	0	0	
mORF_+_3651544	3651544	3651561	+	1	18	ATG	TGA	0	0	
mORF_+_3651645	3651645	3651659	+	3	15	ATG	TAA	0	0	
mORF_+_3651663	3651663	3651677	+	3	15	ATG	TAG	0	0	
mORF_+_3651739	3651739	3651759	+	1	21	TTG	TAA	0	0	
mORF_+_3651763	3651763	3651861	+	1	99	TTG	TAA	0	0	
mORF_+_3651782	3651782	3651793	+	2	12	ATG	TAA	0	0	
mORF_+_3651798	3651798	3651818	+	3	21	ATG	TGA	0	0	
mORF_+_3651815	3651815	3651847	+	2	33	GTG	TAA	0	0	
mORF_+_3651828	3651828	3651851	+	3	24	ATG	TGA	0	0	
mORF_+_3651925	3651925	3651960	+	1	36	ATG	TAA	0	0	
mORF_+_3651951	3651951	3652550	+	3	600	ATG	TAA	13	102	pORF_+_3651951
mORF_+_3651964	3651964	3651987	+	1	24	TTG	TGA	0	0	
mORF_+_3652000	3652000	3652197	+	1	198	GTG	TAG	0	0	
mORF_+_3652037	3652037	3652042	+	2	6	ATG	TAG	0	0	
mORF_+_3652225	3652225	3652299	+	1	75	ATG	TGA	0	0	
mORF_+_3652315	3652315	3652392	+	1	78	TTG	TGA	0	0	
mORF_+_3652412	3652412	3652435	+	2	24	GTG	TAA	0	0	
mORF_+_3652451	3652451	3652537	+	2	87	GTG	TGA	0	0	
mORF_+_3652465	3652465	3652521	+	1	57	ATG	TGA	0	0	
mORF_+_3652563	3652563	3652619	+	3	57	ATG	TAA	0	0	
mORF_+_3652591	3652591	3652767	+	1	177	ATG	TAA	0	0	
mORF_+_3652661	3652661	3652672	+	2	12	TTG	TGA	0	0	
mORF_+_3652706	3652706	3653236	+	2	531	ATG	TGA	0	0	
mORF_+_3652773	3652773	3652811	+	3	39	ATG	TAA	0	0	
mORF_+_3652824	3652824	3652850	+	3	27	ATG	TAA	0	0	
mORF_+_3652857	3652857	3652898	+	3	42	ATG	TAA	0	0	
mORF_+_3652908	3652908	3652964	+	3	57	ATG	TGA	0	0	
mORF_+_3652968	3652968	3653078	+	3	111	TTG	TGA	0	0	
mORF_+_3653085	3653085	3653099	+	3	15	TTG	TGA	0	0	
mORF_+_3653196	3653196	3653285	+	3	90	ATG	TAA	0	0	
mORF_+_3653233	3653233	3653289	+	1	57	GTG	TGA	0	0	
mORF_+_3653286	3653286	3653438	+	3	153	TTG	TAA	0	0	
mORF_+_3653348	3653348	3653356	+	2	9	GTG	TGA	0	0	
mORF_+_3653353	3653353	3653412	+	1	60	ATG	TAA	0	0	
mORF_+_3653369	3653369	3653386	+	2	18	ATG	TGA	0	0	
mORF_+_3653428	3653428	3653454	+	1	27	TTG	TGA	0	0	
mORF_+_3653451	3653451	3653597	+	3	147	TTG	TAA	0	0	
mORF_+_3653488	3653488	3653520	+	1	33	ATG	TAA	0	0	
mORF_+_3653498	3653498	3653524	+	2	27	TTG	TGA	0	0	
mORF_+_3653521	3653521	3653559	+	1	39	TTG	TGA	0	0	
mORF_+_3653606	3653606	3653713	+	2	108	ATG	TGA	0	0	
mORF_+_3653656	3653656	3653751	+	1	96	TTG	TAA	0	0	
mORF_+_3653807	3653807	3653929	+	2	123	ATG	TAA	0	0	
mORF_+_3653821	3653821	3653832	+	1	12	ATG	TAA	0	0	
mORF_+_3653823	3653823	3653873	+	3	51	GTG	TAG	0	0	
mORF_+_3653854	3653854	3654102	+	1	249	TTG	TAA	0	0	
mORF_+_3653886	3653886	3653900	+	3	15	TTG	TAA	0	0	
mORF_+_3653952	3653952	3654008	+	3	57	ATG	TAG	0	0	
mORF_+_3654009	3654009	3654023	+	3	15	ATG	TGA	0	0	
mORF_+_3654020	3654020	3654082	+	2	63	TTG	TGA	0	0	
mORF_+_3654083	3654083	3654322	+	2	240	GTG	TAA	0	0	
mORF_+_3654139	3654139	3654258	+	1	120	ATG	TGA	0	0	
mORF_+_3654153	3654153	3654191	+	3	39	ATG	TAA	0	0	
mORF_+_3654243	3654243	3654281	+	3	39	GTG	TAA	0	0	
mORF_+_3654303	3654303	3654362	+	3	60	ATG	TAG	0	0	
mORF_+_3654346	3654346	3654372	+	1	27	ATG	TAA	0	0	
mORF_+_3654397	3654397	3654417	+	1	21	ATG	TAA	0	0	
mORF_+_3654450	3654450	3654500	+	3	51	TTG	TGA	0	0	

mORF_+_3654488	3654488	3654553	+	2	66	TTG	TAA	0	0	
mORF_+_3654532	3654532	3654663	+	1	132	TTG	TGA	0	0	
mORF_+_3654576	3654576	3654788	+	3	213	TTG	TGA	0	0	
mORF_+_3654689	3654689	3654751	+	2	63	TTG	TAA	0	0	
mORF_+_3654785	3654785	3654925	+	2	141	GTG	TAG	0	0	
mORF_+_3654843	3654843	3654854	+	3	12	ATG	TGA	0	0	
mORF_+_3654904	3654904	3654939	+	1	36	ATG	TAA	0	0	
mORF_+_3654965	3654965	3654973	+	2	9	TTG	TAG	0	0	
mORF_+_3654975	3654975	3655034	+	3	60	TTG	TAA	0	0	
mORF_+_3655010	3655010	3655030	+	2	21	GTG	TAG	0	0	
mORF_+_3655018	3655018	3655590	+	1	573	ATG	TAA	0	0	
mORF_+_3655052	3655052	3655165	+	2	114	TTG	TAA	0	0	
mORF_+_3655128	3655128	3655241	+	3	114	GTG	TAA	0	0	
mORF_+_3655178	3655178	3655189	+	2	12	GTG	TAA	0	0	
mORF_+_3655202	3655202	3655291	+	2	90	TTG	TGA	0	0	
mORF_+_3655331	3655331	3655387	+	2	57	TTG	TGA	0	0	
mORF_+_3655392	3655392	3655529	+	3	138	TTG	TGA	0	0	
mORF_+_3655439	3655439	3655501	+	2	63	TTG	TAA	0	0	
mORF_+_3655526	3655526	3655534	+	2	9	TTG	TGA	0	0	
mORF_+_3655600	3655600	3655617	+	1	18	TTG	TAG	0	0	
mORF_+_3655622	3655622	3655630	+	2	9	TTG	TGA	0	0	
mORF_+_3655627	3655627	3655710	+	1	84	GTG	TAG	0	0	
mORF_+_3655664	3655664	3655672	+	2	9	GTG	TAG	0	0	
mORF_+_3655691	3655691	3655699	+	2	9	TTG	TAA	0	0	
mORF_+_3655710	3655710	3655730	+	3	21	GTG	TGA	0	0	
mORF_+_3655755	3655755	3655766	+	3	12	ATG	TAG	0	0	
mORF_+_3655784	3655784	3655813	+	2	30	ATG	TAA	0	0	
mORF_+_3655813	3655813	3655821	+	1	9	ATG	TAA	0	0	
mORF_+_3655824	3655824	3655856	+	3	33	GTG	TAA	0	0	
mORF_+_3655829	3655829	3655840	+	2	12	GTG	TGA	0	0	
mORF_+_3655837	3655837	3655863	+	1	27	GTG	TGA	0	0	
mORF_+_3655860	3655860	3655883	+	3	24	TTG	TAA	0	0	
mORF_+_3655868	3655868	3655879	+	2	12	ATG	TAA	0	0	
mORF_+_3655903	3655903	3655974	+	1	72	TTG	TGA	0	0	
mORF_+_3655938	3655938	3655958	+	3	21	GTG	TAA	0	0	
mORF_+_3655971	3655971	3656009	+	3	39	ATG	TAA	0	0	
mORF_+_3655975	3655975	3655995	+	1	21	ATG	TAA	0	0	
mORF_+_3656029	3656029	3656040	+	1	12	TTG	TAA	0	0	
mORF_+_3656121	3656121	3656159	+	3	39	TTG	TAA	0	0	
mORF_+_3656135	3656135	3656185	+	2	51	TTG	TGA	0	0	
mORF_+_3656164	3656164	3656208	+	1	45	TTG	TAG	0	0	
mORF_+_3656218	3656218	3656298	+	1	81	ATG	TAG	0	0	
mORF_+_3656223	3656223	3656237	+	3	15	GTG	TAA	0	0	
mORF_+_3656255	3656255	3656287	+	2	33	GTG	TAA	0	0	
mORF_+_3656311	3656311	3656916	+	1	606	TTG	TAG	1	4	pORF_+_3656311
mORF_+_3656333	3656333	3656338	+	2	6	ATG	TAA	0	0	
mORF_+_3656342	3656342	3656371	+	2	30	ATG	TAA	0	0	
mORF_+_3656433	3656433	3656450	+	3	18	TTG	TAA	0	0	
mORF_+_3656522	3656522	3656581	+	2	60	TTG	TAG	0	0	
mORF_+_3656582	3656582	3656629	+	2	48	ATG	TAA	0	0	
mORF_+_3656651	3656651	3656767	+	2	117	TTG	TGA	0	0	
mORF_+_3656730	3656730	3656744	+	3	15	ATG	TAA	0	0	
mORF_+_3656783	3656783	3656830	+	2	48	ATG	TAA	0	0	
mORF_+_3656938	3656938	3656997	+	1	60	TTG	TAA	0	0	
mORF_+_3656960	3656960	3657253	+	2	294	ATG	TAA	0	0	
mORF_+_3657030	3657030	3657047	+	3	18	ATG	TAG	0	0	
mORF_+_3657057	3657057	3657113	+	3	57	TTG	TGA	0	0	
mORF_+_3657121	3657121	3657159	+	1	39	ATG	TGA	0	0	
mORF_+_3657255	3657255	3658412	+	3	1158	ATG	TAA	14	70	pORF_+_3657255
mORF_+_3657319	3657319	3657351	+	1	33	ATG	TGA	0	0	
mORF_+_3657364	3657364	3657402	+	1	39	GTG	TGA	0	0	
mORF_+_3657430	3657430	3657504	+	1	75	ATG	TGA	0	0	
mORF_+_3657529	3657529	3657558	+	1	30	TTG	TAA	0	0	

mORF_+_3657604	3657604	3657642	+	1	39	ATG	TGA	0	0	
mORF_+_3657694	3657694	3657810	+	1	117	ATG	TGA	0	0	
mORF_+_3657880	3657880	3657921	+	1	42	ATG	TGA	0	0	
mORF_+_3657937	3657937	3658023	+	1	87	GTG	TGA	0	0	
mORF_+_3658045	3658045	3658065	+	1	21	ATG	TGA	0	0	
mORF_+_3658093	3658093	3658131	+	1	39	ATG	TAG	0	0	
mORF_+_3658135	3658135	3658320	+	1	186	ATG	TGA	0	0	
mORF_+_3658280	3658280	3658426	+	2	147	GTG	TAA	0	0	
mORF_+_3658437	3658437	3661550	+	3	3114	ATG	TAA	7	8	pORF_+_3658437
mORF_+_3658453	3658453	3658494	+	1	42	TTG	TGA	0	0	
mORF_+_3658498	3658498	3658521	+	1	24	TTG	TGA	0	0	
mORF_+_3658531	3658531	3658608	+	1	78	TTG	TAG	0	0	
mORF_+_3658630	3658630	3658644	+	1	15	TTG	TGA	0	0	
mORF_+_3658645	3658645	3658662	+	1	18	ATG	TGA	0	0	
mORF_+_3658681	3658681	3658713	+	1	33	GTG	TGA	0	0	
mORF_+_3658906	3658906	3658911	+	1	6	ATG	TAG	0	0	
mORF_+_3658951	3658951	3659127	+	1	177	TTG	TAA	0	0	
mORF_+_3659140	3659140	3659190	+	1	51	TTG	TGA	0	0	
mORF_+_3659203	3659203	3659367	+	1	165	ATG	TGA	0	0	
mORF_+_3659470	3659470	3659487	+	1	18	TTG	TAG	0	0	
mORF_+_3659524	3659524	3659616	+	1	93	GTG	TGA	0	0	
mORF_+_3659656	3659656	3659814	+	1	159	ATG	TGA	0	0	
mORF_+_3659818	3659818	3659859	+	1	42	GTG	TGA	0	0	
mORF_+_3659884	3659884	3659895	+	1	12	TTG	TGA	0	0	
mORF_+_3659912	3659912	3659959	+	2	48	GTG	TAA	0	0	
mORF_+_3659989	3659989	3660072	+	1	84	TTG	TGA	0	0	
mORF_+_3660038	3660038	3660187	+	2	150	TTG	TAA	0	0	
mORF_+_3660172	3660172	3660213	+	1	42	GTG	TGA	0	0	
mORF_+_3660244	3660244	3660387	+	1	144	ATG	TGA	0	0	
mORF_+_3660329	3660329	3660337	+	2	9	GTG	TGA	0	0	
mORF_+_3660388	3660388	3660396	+	1	9	TTG	TAA	0	0	
mORF_+_3660469	3660469	3660516	+	1	48	TTG	TAA	0	0	
mORF_+_3660745	3660745	3660915	+	1	171	ATG	TAG	0	0	
mORF_+_3660794	3660794	3660919	+	2	126	ATG	TGA	0	0	
mORF_+_3660916	3660916	3660954	+	1	39	GTG	TGA	0	0	
mORF_+_3661004	3661004	3661108	+	2	105	ATG	TGA	0	0	
mORF_+_3661060	3661060	3661134	+	1	75	ATG	TGA	0	0	
mORF_+_3661141	3661141	3661152	+	1	12	TTG	TAG	0	0	
mORF_+_3661159	3661159	3661194	+	1	36	TTG	TAA	0	0	
mORF_+_3661198	3661198	3661227	+	1	30	ATG	TGA	0	0	
mORF_+_3661264	3661264	3661287	+	1	24	TTG	TGA	0	0	
mORF_+_3661408	3661408	3661440	+	1	33	ATG	TAG	0	0	
mORF_+_3661465	3661465	3661515	+	1	51	TTG	TAG	0	0	
mORF_+_3661528	3661528	3661557	+	1	30	TTG	TAA	0	0	
mORF_+_3661558	3661558	3661632	+	1	75	ATG	TAA	0	0	
mORF_+_3661701	3661701	3661742	+	3	42	TTG	TGA	0	0	
mORF_+_3661739	3661739	3661828	+	2	90	ATG	TAG	0	0	
mORF_+_3661744	3661744	3661755	+	1	12	TTG	TAA	0	0	
mORF_+_3661767	3661767	3661835	+	3	69	ATG	TAG	0	0	
mORF_+_3661867	3661867	3661881	+	1	15	ATG	TGA	0	0	
mORF_+_3661878	3661878	3661889	+	3	12	GTG	TGA	0	0	
mORF_+_3661901	3661901	3662050	+	2	150	ATG	TAA	0	0	
mORF_+_3661951	3661951	3661989	+	1	39	GTG	TAA	0	0	
mORF_+_3661980	3661980	3662009	+	3	30	GTG	TAG	0	0	
mORF_+_3661996	3661996	3662028	+	1	33	ATG	TAG	0	0	
mORF_+_3662133	3662133	3662279	+	3	147	TTG	TGA	0	0	
mORF_+_3662276	3662276	3662293	+	2	18	ATG	TAA	0	0	
mORF_+_3662313	3662313	3662444	+	3	132	TTG	TGA	0	0	
mORF_+_3662326	3662326	3662349	+	1	24	GTG	TGA	0	0	
mORF_+_3662386	3662386	3662397	+	1	12	GTG	TAA	0	0	
mORF_+_3662417	3662417	3662422	+	2	6	GTG	TAA	0	0	
mORF_+_3662434	3662434	3662616	+	1	183	GTG	TGA	0	0	
mORF_+_3662453	3662453	3662458	+	2	6	TTG	TAA	0	0	

mORF_+_3662462	3662462	3662509	+	2	48	ATG	TGA	0	0	
mORF_+_3662564	3662564	3662605	+	2	42	ATG	TGA	0	0	
mORF_+_3662613	3662613	3662636	+	3	24	ATG	TGA	0	0	
mORF_+_3662633	3662633	3662782	+	2	150	ATG	TAA	0	0	
mORF_+_3662640	3662640	3662699	+	3	60	ATG	TGA	0	0	
mORF_+_3662783	3662783	3662830	+	2	48	TTG	TAG	0	0	
mORF_+_3662797	3662797	3662883	+	1	87	ATG	TAA	0	0	
mORF_+_3662834	3662834	3662929	+	2	96	ATG	TAA	0	0	
mORF_+_3662908	3662908	3662940	+	1	33	GTG	TAG	0	0	
mORF_+_3662977	3662977	3663000	+	1	24	ATG	TGA	0	0	
mORF_+_3662993	3662993	3663004	+	2	12	ATG	TAA	0	0	
mORF_+_3663040	3663040	3663048	+	1	9	GTG	TAA	0	0	
mORF_+_3663057	3663057	3663212	+	3	156	TTG	TGA	0	0	
mORF_+_3663071	3663071	3663163	+	2	93	TTG	TGA	0	0	
mORF_+_3663124	3663124	3663141	+	1	18	GTG	TAA	0	0	
mORF_+_3663160	3663160	3663180	+	1	21	ATG	TGA	0	0	
mORF_+_3663209	3663209	3663226	+	2	18	TTG	TAA	0	0	
mORF_+_3663219	3663219	3663275	+	3	57	ATG	TGA	0	0	
mORF_+_3663272	3663272	3663382	+	2	111	GTG	TGA	0	0	
mORF_+_3663363	3663363	3663419	+	3	57	ATG	TAA	0	0	
mORF_+_3663379	3663379	3663513	+	1	135	TTG	TAG	0	0	
mORF_+_3663398	3663398	3663442	+	2	45	GTG	TAA	0	0	
mORF_+_3663444	3663444	3663470	+	3	27	GTG	TAA	0	0	
mORF_+_3663485	3663485	3663637	+	2	153	ATG	TGA	0	0	
mORF_+_3663537	3663537	3663590	+	3	54	TTG	TAA	0	0	
mORF_+_3663606	3663606	3663623	+	3	18	ATG	TAA	0	0	
mORF_+_3663634	3663634	3663753	+	1	120	TTG	TAG	0	0	
mORF_+_3663653	3663653	3663748	+	2	96	ATG	TAA	0	0	
mORF_+_3663711	3663711	3663809	+	3	99	TTG	TAG	0	0	
mORF_+_3663772	3663772	3663873	+	1	102	ATG	TAA	0	0	
mORF_+_3663794	3663794	3663835	+	2	42	TTG	TAG	0	0	
mORF_+_3663819	3663819	3663824	+	3	6	ATG	TAG	0	0	
mORF_+_3663828	3663828	3663839	+	3	12	TTG	TGA	0	0	
mORF_+_3663836	3663836	3663844	+	2	9	TTG	TAA	0	0	
mORF_+_3663873	3663873	3663878	+	3	6	ATG	TAG	0	0	
mORF_+_3663901	3663901	3663915	+	1	15	TTG	TAA	0	0	
mORF_+_3663905	3663905	3663943	+	2	39	TTG	TGA	0	0	
mORF_+_3663940	3663940	3663972	+	1	33	ATG	TGA	0	0	
mORF_+_3663948	3663948	3663953	+	3	6	GTG	TGA	0	0	
mORF_+_3663950	3663950	3664018	+	2	69	GTG	TAA	0	0	
mORF_+_3663969	3663969	3664001	+	3	33	ATG	TAA	0	0	
mORF_+_3663994	3663994	3664032	+	1	39	GTG	TAA	0	0	
mORF_+_3664042	3664042	3664137	+	1	96	GTG	TAA	0	0	
mORF_+_3664128	3664128	3664787	+	3	660	TTG	TGA	0	0	
mORF_+_3664207	3664207	3664254	+	1	48	GTG	TGA	0	0	
mORF_+_3664279	3664279	3664284	+	1	6	TTG	TAG	0	0	
mORF_+_3664336	3664336	3664551	+	1	216	ATG	TAA	0	0	
mORF_+_3664582	3664582	3664590	+	1	9	TTG	TAG	0	0	
mORF_+_3664625	3664625	3664660	+	2	36	GTG	TGA	0	0	
mORF_+_3664657	3664657	3664680	+	1	24	TTG	TGA	0	0	
mORF_+_3664699	3664699	3664956	+	1	258	TTG	TAG	0	0	
mORF_+_3664850	3664850	3665041	+	2	192	GTG	TAA	0	0	
mORF_+_3664881	3664881	3665456	+	3	576	GTG	TAA	1	20	pORF_+_3664881
mORF_+_3664963	3664963	3664968	+	1	6	GTG	TAG	0	0	
mORF_+_3664996	3664996	3665049	+	1	54	ATG	TGA	0	0	
mORF_+_3665138	3665138	3665365	+	2	228	TTG	TGA	0	0	
mORF_+_3665155	3665155	3665256	+	1	102	TTG	TGA	0	0	
mORF_+_3665317	3665317	3665433	+	1	117	ATG	TGA	0	0	
mORF_+_3665440	3665440	3665475	+	1	36	TTG	TGA	0	0	
mORF_+_3665477	3665477	3665530	+	2	54	ATG	TAG	0	0	
mORF_+_3665499	3665499	3665519	+	3	21	GTG	TGA	0	0	
mORF_+_3665536	3665536	3665682	+	1	147	ATG	TAA	0	0	
mORF_+_3665543	3665543	3665617	+	2	75	TTG	TAA	0	0	

mORF_+_3665624	3665624	3665644	+	2	21	TTG	TAG	0	0	
mORF_+_3665657	3665657	3665737	+	2	81	ATG	TAA	0	0	
mORF_+_3665739	3665739	3665813	+	3	75	ATG	TAA	0	0	
mORF_+_3665817	3665817	3665987	+	3	171	TTG	TAA	1	2	pORF_+_3665817
mORF_+_3665839	3665839	3665916	+	1	78	GTG	TGA	0	0	
mORF_+_3665978	3665978	3666043	+	2	66	GTG	TAG	0	0	
mORF_+_3666147	3666147	3666179	+	3	33	ATG	TAA	0	0	
mORF_+_3666155	3666155	3666175	+	2	21	TTG	TAA	0	0	
mORF_+_3666180	3666180	3666263	+	3	84	TTG	TAA	0	0	
mORF_+_3666242	3666242	3666259	+	2	18	ATG	TAA	0	0	
mORF_+_3666263	3666263	3666295	+	2	33	ATG	TAA	0	0	
mORF_+_3666283	3666283	3666324	+	1	42	ATG	TAG	0	0	
mORF_+_3666315	3666315	3666488	+	3	174	TTG	TGA	0	0	
mORF_+_3666443	3666443	3666481	+	2	39	ATG	TAA	0	0	
mORF_+_3666542	3666542	3666670	+	2	129	ATG	TAG	0	0	
mORF_+_3666579	3666579	3666596	+	3	18	ATG	TGA	0	0	
mORF_+_3666598	3666598	3666630	+	1	33	ATG	TGA	0	0	
mORF_+_3666627	3666627	3666815	+	3	189	GTG	TAG	0	0	
mORF_+_3666685	3666685	3666738	+	1	54	ATG	TAA	0	0	
mORF_+_3666755	3666755	3666841	+	2	87	TTG	TAG	0	0	
mORF_+_3666882	3666882	3667007	+	3	126	TTG	TAA	0	0	
mORF_+_3666908	3666908	3666934	+	2	27	GTG	TAA	0	0	
mORF_+_3666955	3666955	3666963	+	1	9	ATG	TAA	0	0	
mORF_+_3667021	3667021	3667032	+	1	12	GTG	TAG	0	0	
mORF_+_3667023	3667023	3667061	+	3	39	GTG	TAA	0	0	
mORF_+_3667088	3667088	3667192	+	2	105	ATG	TAA	0	0	
mORF_+_3667125	3667125	3667148	+	3	24	GTG	TAA	0	0	
mORF_+_3667196	3667196	3667243	+	2	48	GTG	TGA	0	0	
mORF_+_3667227	3667227	3667298	+	3	72	GTG	TAA	0	0	
mORF_+_3667240	3667240	3667344	+	1	105	GTG	TGA	0	0	
mORF_+_3667262	3667262	3667366	+	2	105	ATG	TAG	0	0	
mORF_+_3667341	3667341	3667361	+	3	21	ATG	TAA	0	0	
mORF_+_3667370	3667370	3667405	+	2	36	GTG	TGA	0	0	
mORF_+_3667392	3667392	3667511	+	3	120	ATG	TAA	0	0	
mORF_+_3667402	3667402	3667470	+	1	69	ATG	TAA	0	0	
mORF_+_3667406	3667406	3667426	+	2	21	TTG	TGA	0	0	
mORF_+_3667427	3667427	3667435	+	2	9	ATG	TGA	0	0	
mORF_+_3667477	3667477	3667503	+	1	27	TTG	TGA	0	0	
mORF_+_3667517	3667517	3667570	+	2	54	GTG	TAA	0	0	
mORF_+_3667534	3667534	3667560	+	1	27	TTG	TGA	0	0	
mORF_+_3667557	3667557	3667643	+	3	87	ATG	TAA	0	0	
mORF_+_3667615	3667615	3669264	+	1	1650	ATG	TAA	0	0	
mORF_+_3667679	3667679	3667702	+	2	24	ATG	TAA	0	0	
mORF_+_3667709	3667709	3667717	+	2	9	ATG	TGA	0	0	
mORF_+_3667745	3667745	3667774	+	2	30	TTG	TGA	0	0	
mORF_+_3667808	3667808	3667888	+	2	81	ATG	TAA	0	0	
mORF_+_3667916	3667916	3668008	+	2	93	GTG	TGA	0	0	
mORF_+_3668028	3668028	3668123	+	3	96	GTG	TAG	2	8	pORF_+_3668028
mORF_+_3668102	3668102	3668194	+	2	93	TTG	TGA	0	0	
mORF_+_3668136	3668136	3668210	+	3	75	TTG	TAA	0	0	
mORF_+_3668294	3668294	3668302	+	2	9	TTG	TGA	0	0	
mORF_+_3668315	3668315	3668404	+	2	90	TTG	TAA	0	0	
mORF_+_3668426	3668426	3668668	+	2	243	ATG	TGA	0	0	
mORF_+_3668586	3668586	3668615	+	3	30	TTG	TGA	0	0	
mORF_+_3668669	3668669	3668719	+	2	51	ATG	TGA	0	0	
mORF_+_3668762	3668762	3668782	+	2	21	GTG	TAA	0	0	
mORF_+_3668798	3668798	3668947	+	2	150	ATG	TGA	0	0	
mORF_+_3668984	3668984	3669097	+	2	114	GTG	TGA	0	0	
mORF_+_3668991	3668991	3668999	+	3	9	GTG	TAA	0	0	
mORF_+_3669024	3669024	3669047	+	3	24	ATG	TAA	0	0	
mORF_+_3669152	3669152	3669241	+	2	90	TTG	TAA	0	0	
mORF_+_3669242	3669242	3669286	+	2	45	TTG	TAA	0	0	
mORF_+_3669338	3669338	3669415	+	2	78	TTG	TGA	0	0	

mORF_+_3669349	3669349	3669735	+	1	387	GTG	TAG	0	0	
mORF_+_3669390	3669390	3669446	+	3	57	ATG	TGA	0	0	
mORF_+_3669443	3669443	3669502	+	2	60	TTG	TGA	0	0	
mORF_+_3669590	3669590	3669634	+	2	45	ATG	TAA	0	0	
mORF_+_3669636	3669636	3669653	+	3	18	ATG	TAA	0	0	
mORF_+_3669705	3669705	3669773	+	3	69	TTG	TAA	0	0	
mORF_+_3669798	3669798	3669806	+	3	9	TTG	TAA	0	0	
mORF_+_3669876	3669876	3669890	+	3	15	ATG	TGA	0	0	
mORF_+_3669887	3669887	3669907	+	2	21	TTG	TGA	0	0	
mORF_+_3669904	3669904	3669954	+	1	51	ATG	TAA	0	0	
mORF_+_3669912	3669912	3669923	+	3	12	TTG	TGA	0	0	
mORF_+_3669958	3669958	3670026	+	1	69	GTG	TGA	0	0	
mORF_+_3670023	3670023	3670040	+	3	18	ATG	TAG	0	0	
mORF_+_3670028	3670028	3670033	+	2	6	GTG	TAG	0	0	
mORF_+_3670081	3670081	3670182	+	1	102	ATG	TAA	0	0	
mORF_+_3670125	3670125	3670241	+	3	117	TTG	TAA	0	0	
mORF_+_3670337	3670337	3670351	+	2	15	ATG	TGA	0	0	
mORF_+_3670348	3670348	3670371	+	1	24	GTG	TAG	0	0	
mORF_+_3670365	3670365	3671336	+	3	972	ATG	TGA	0	0	
mORF_+_3670387	3670387	3670626	+	1	240	ATG	TGA	0	0	
mORF_+_3670394	3670394	3670417	+	2	24	ATG	TGA	0	0	
mORF_+_3670648	3670648	3670656	+	1	9	ATG	TGA	0	0	
mORF_+_3670693	3670693	3670812	+	1	120	ATG	TGA	0	0	
mORF_+_3670819	3670819	3670833	+	1	15	ATG	TAG	0	0	
mORF_+_3670843	3670843	3670863	+	1	21	ATG	TGA	0	0	
mORF_+_3670856	3670856	3670984	+	2	129	TTG	TGA	0	0	
mORF_+_3670888	3670888	3670920	+	1	33	ATG	TGA	0	0	
mORF_+_3670933	3670933	3670953	+	1	21	GTG	TGA	0	0	
mORF_+_3670960	3670960	3670989	+	1	30	TTG	TGA	0	0	
mORF_+_3671026	3671026	3671040	+	1	15	GTG	TAG	0	0	
mORF_+_3671044	3671044	3671097	+	1	54	TTG	TGA	0	0	
mORF_+_3671072	3671072	3671080	+	2	9	GTG	TAA	0	0	
mORF_+_3671134	3671134	3671286	+	1	153	TTG	TAA	0	0	
mORF_+_3671300	3671300	3671353	+	2	54	GTG	TAA	0	0	
mORF_+_3671356	3671356	3671388	+	1	33	ATG	TGA	0	0	
mORF_+_3671385	3671385	3672398	+	3	1014	ATG	TAA	0	0	
mORF_+_3671536	3671536	3671547	+	1	12	TTG	TGA	0	0	
mORF_+_3671590	3671590	3671628	+	1	39	TTG	TGA	0	0	
mORF_+_3671650	3671650	3671742	+	1	93	TTG	TAG	0	0	
mORF_+_3671800	3671800	3671925	+	1	126	TTG	TAA	0	0	
mORF_+_3671953	3671953	3671964	+	1	12	TTG	TGA	0	0	
mORF_+_3671965	3671965	3671973	+	1	9	TTG	TGA	0	0	
mORF_+_3671974	3671974	3671979	+	1	6	TTG	TGA	0	0	
mORF_+_3671998	3671998	3672021	+	1	24	TTG	TGA	0	0	
mORF_+_3672049	3672049	3672060	+	1	12	TTG	TGA	0	0	
mORF_+_3672053	3672053	3672205	+	2	153	GTG	TGA	0	0	
mORF_+_3672079	3672079	3672171	+	1	93	TTG	TGA	0	0	
mORF_+_3672196	3672196	3672210	+	1	15	TTG	TGA	0	0	
mORF_+_3672271	3672271	3672291	+	1	21	TTG	TGA	0	0	
mORF_+_3672329	3672329	3672361	+	2	33	TTG	TAA	0	0	
mORF_+_3672343	3672343	3672501	+	1	159	TTG	TAA	0	0	
mORF_+_3672501	3672501	3672512	+	3	12	ATG	TAA	0	0	
mORF_+_3672517	3672517	3672597	+	1	81	TTG	TAA	0	0	
mORF_+_3672604	3672604	3672621	+	1	18	TTG	TAA	0	0	
mORF_+_3672656	3672656	3672661	+	2	6	ATG	TGA	0	0	
mORF_+_3672658	3672658	3672693	+	1	36	GTG	TAA	0	0	
mORF_+_3672708	3672708	3672722	+	3	15	TTG	TGA	0	0	
mORF_+_3672719	3672719	3672772	+	2	54	TTG	TAA	0	0	
mORF_+_3672736	3672736	3672870	+	1	135	TTG	TAA	0	0	
mORF_+_3672765	3672765	3672788	+	3	24	GTG	TAG	0	0	
mORF_+_3672809	3672809	3674131	+	2	1323	ATG	TAA	5	20	pORF_+_3672809
mORF_+_3672879	3672879	3673115	+	3	237	TTG	TAA	0	0	
mORF_+_3673140	3673140	3673226	+	3	87	TTG	TAG	0	0	

mORF_+_3673230	3673230	3673373	+	3	144	GTG	TGA	0	0	
mORF_+_3673234	3673234	3673263	+	1	30	ATG	TGA	0	0	
mORF_+_3673404	3673404	3673514	+	3	111	GTG	TGA	0	0	
mORF_+_3673545	3673545	3673556	+	3	12	ATG	TAA	0	0	
mORF_+_3673650	3673650	3673691	+	3	42	TTG	TGA	0	0	
mORF_+_3673681	3673681	3673746	+	1	66	GTG	TGA	0	0	
mORF_+_3673704	3673704	3673718	+	3	15	TTG	TGA	0	0	
mORF_+_3673746	3673746	3673775	+	3	30	ATG	TAA	0	0	
mORF_+_3673854	3673854	3673877	+	3	24	TTG	TAA	0	0	
mORF_+_3673908	3673908	3673976	+	3	69	GTG	TAG	0	0	
mORF_+_3673998	3673998	3674042	+	3	45	TTG	TAG	0	0	
mORF_+_3674043	3674043	3674081	+	3	39	GTG	TGA	0	0	
mORF_+_3674106	3674106	3674192	+	3	87	ATG	TGA	0	0	
mORF_+_3674137	3674137	3674172	+	1	36	GTG	TGA	0	0	
mORF_+_3674189	3674189	3674281	+	2	93	TTG	TAA	0	0	
mORF_+_3674205	3674205	3674210	+	3	6	TTG	TAG	0	0	
mORF_+_3674241	3674241	3674372	+	3	132	ATG	TGA	0	0	
mORF_+_3674257	3674257	3674271	+	1	15	TTG	TAA	0	0	
mORF_+_3674282	3674282	3674353	+	2	72	TTG	TAG	0	0	
mORF_+_3674369	3674369	3674482	+	2	114	GTG	TAA	0	0	
mORF_+_3674513	3674513	3674518	+	2	6	GTG	TGA	0	0	
mORF_+_3674515	3674515	3674724	+	1	210	GTG	TAG	0	0	
mORF_+_3674579	3674579	3674593	+	2	15	TTG	TAA	0	0	
mORF_+_3674725	3674725	3674937	+	1	213	TTG	TGA	0	0	
mORF_+_3674819	3674819	3675052	+	2	234	GTG	TGA	0	0	
mORF_+_3674979	3674979	3675515	+	3	537	ATG	TGA	0	0	
mORF_+_3674995	3674995	3675063	+	1	69	ATG	TGA	0	0	
mORF_+_3675103	3675103	3675171	+	1	69	ATG	TAA	0	0	
mORF_+_3675181	3675181	3675195	+	1	15	TTG	TGA	0	0	
mORF_+_3675323	3675323	3675391	+	2	69	TTG	TAA	0	0	
mORF_+_3675340	3675340	3675348	+	1	9	GTG	TAG	0	0	
mORF_+_3675424	3675424	3675501	+	1	78	GTG	TAG	0	0	
mORF_+_3675512	3675512	3675532	+	2	21	GTG	TAA	0	0	
mORF_+_3675560	3675560	3675685	+	2	126	TTG	TGA	0	0	
mORF_+_3675595	3675595	3675732	+	1	138	GTG	TAA	0	0	
mORF_+_3675796	3675796	3675867	+	1	72	TTG	TGA	0	0	
mORF_+_3675864	3675864	3676340	+	3	477	TTG	TGA	0	0	
mORF_+_3675899	3675899	3675949	+	2	51	ATG	TAA	0	0	
mORF_+_3675925	3675925	3676410	+	1	486	TTG	TAA	0	0	
mORF_+_3676061	3676061	3676093	+	2	33	TTG	TGA	0	0	
mORF_+_3676109	3676109	3676126	+	2	18	GTG	TGA	0	0	
mORF_+_3676292	3676292	3676306	+	2	15	TTG	TGA	0	0	
mORF_+_3676398	3676398	3676436	+	3	39	GTG	TGA	0	0	
mORF_+_3676433	3676433	3676678	+	2	246	ATG	TGA	0	0	
mORF_+_3676506	3676506	3676601	+	3	96	TTG	TAG	0	0	
mORF_+_3676602	3676602	3676607	+	3	6	ATG	TAA	0	0	
mORF_+_3676624	3676624	3676644	+	1	21	GTG	TGA	0	0	
mORF_+_3676675	3676675	3676683	+	1	9	TTG	TAG	0	0	
mORF_+_3676715	3676715	3676879	+	2	165	TTG	TGA	0	0	
mORF_+_3676800	3676800	3677063	+	3	264	ATG	TAA	0	0	
mORF_+_3676876	3676876	3677010	+	1	135	ATG	TAG	0	0	
mORF_+_3676904	3676904	3676927	+	2	24	ATG	TAA	0	0	
mORF_+_3677050	3677050	3677097	+	1	48	GTG	TGA	0	0	
mORF_+_3677090	3677090	3677197	+	2	108	ATG	TAA	0	0	
mORF_+_3677094	3677094	3678371	+	3	1278	TTG	TAA	16	36	pORF_+_3677094
mORF_+_3677113	3677113	3677118	+	1	6	GTG	TAA	0	0	
mORF_+_3677164	3677164	3677358	+	1	195	ATG	TAA	0	0	
mORF_+_3677216	3677216	3677230	+	2	15	ATG	TAA	0	0	
mORF_+_3677380	3677380	3677463	+	1	84	TTG	TGA	0	0	
mORF_+_3677464	3677464	3677478	+	1	15	TTG	TGA	0	0	
mORF_+_3677471	3677471	3677482	+	2	12	ATG	TGA	0	0	
mORF_+_3677479	3677479	3677535	+	1	57	TTG	TGA	0	0	
mORF_+_3677656	3677656	3677670	+	1	15	TTG	TGA	0	0	

mORF+_3677710	3677710	3677841	+	1	132	TTG	TGA	0	0
mORF+_3677804	3677804	3677851	+	2	48	TTG	TAG	0	0
mORF+_3677906	3677906	3677944	+	2	39	ATG	TAA	0	0
mORF+_3677960	3677960	3678097	+	2	138	GTG	TAA	0	0
mORF+_3678082	3678082	3678108	+	1	27	TTG	TGA	0	0
mORF+_3678140	3678140	3678355	+	2	216	TTG	TGA	0	0
mORF+_3678154	3678154	3678171	+	1	18	TTG	TAG	0	0
mORF+_3678175	3678175	3678189	+	1	15	ATG	TGA	0	0
mORF+_3678241	3678241	3678267	+	1	27	GTG	TGA	0	0
mORF+_3678298	3678298	3678309	+	1	12	GTG	TGA	0	0
mORF+_3678352	3678352	3678429	+	1	78	GTG	TAA	0	0
mORF+_3678381	3678381	3678398	+	3	18	ATG	TAA	0	0
mORF+_3678437	3678437	3678625	+	2	189	ATG	TAA	0	0
mORF+_3678441	3678441	3678449	+	3	9	TTG	TAA	0	0
mORF+_3678472	3678472	3678543	+	1	72	GTG	TAG	0	0
mORF+_3678513	3678513	3678560	+	3	48	GTG	TGA	0	0
mORF+_3678544	3678544	3678555	+	1	12	ATG	TGA	0	0
mORF+_3678585	3678585	3678650	+	3	66	ATG	TGA	0	0
mORF+_3678647	3678647	3678667	+	2	21	TTG	TAA	0	0
mORF+_3678716	3678716	3678844	+	2	129	TTG	TAA	0	0
mORF+_3678793	3678793	3678852	+	1	60	GTG	TGA	0	0
mORF+_3678849	3678849	3679037	+	3	189	TTG	TGA	0	0
mORF+_3678934	3678934	3678951	+	1	18	TTG	TGA	0	0
mORF+_3679031	3679031	3679099	+	2	69	TTG	TGA	0	0
mORF+_3679090	3679090	3679134	+	1	45	GTG	TGA	0	0
mORF+_3679131	3679131	3679151	+	3	21	ATG	TGA	0	0
mORF+_3679230	3679230	3679337	+	3	108	TTG	TGA	0	0
mORF+_3679262	3679262	3679306	+	2	45	TTG	TAG	0	0
mORF+_3679312	3679312	3679350	+	1	39	TTG	TAA	0	0
mORF+_3679370	3679370	3679402	+	2	33	TTG	TAA	0	0
mORF+_3679408	3679408	3679446	+	1	39	TTG	TAG	0	0
mORF+_3679462	3679462	3679497	+	1	36	TTG	TGA	0	0
mORF+_3679470	3679470	3679478	+	3	9	ATG	TGA	0	0
mORF+_3679481	3679481	3679669	+	2	189	TTG	TGA	0	0
mORF+_3679494	3679494	3679544	+	3	51	TTG	TAA	0	0
mORF+_3679507	3679507	3679512	+	1	6	GTG	TGA	0	0
mORF+_3679534	3679534	3679596	+	1	63	TTG	TAA	0	0
mORF+_3679578	3679578	3679613	+	3	36	TTG	TAA	0	0
mORF+_3679666	3679666	3679776	+	1	111	ATG	TAA	0	0
mORF+_3679700	3679700	3679708	+	2	9	TTG	TAG	0	0
mORF+_3679722	3679722	3679730	+	3	9	ATG	TGA	0	0
mORF+_3679727	3679727	3679840	+	2	114	GTG	TAA	0	0
mORF+_3679818	3679818	3679904	+	3	87	GTG	TAG	0	0
mORF+_3679862	3679862	3679939	+	2	78	TTG	TAA	0	0
mORF+_3679867	3679867	3680022	+	1	156	ATG	TAA	0	0
mORF+_3679911	3679911	3679967	+	3	57	GTG	TGA	0	0
mORF+_3679964	3679964	3679975	+	2	12	GTG	TGA	0	0
mORF+_3680007	3680007	3680048	+	3	42	TTG	TAG	0	0
mORF+_3680023	3680023	3680088	+	1	66	ATG	TAA	0	0
mORF+_3680042	3680042	3680083	+	2	42	GTG	TGA	0	0
mORF+_3680105	3680105	3680275	+	2	171	GTG	TAG	0	0
mORF+_3680133	3680133	3680174	+	3	42	ATG	TAA	0	0
mORF+_3680175	3680175	3680195	+	3	21	GTG	TAA	0	0
mORF+_3680199	3680199	3680333	+	3	135	GTG	TGA	0	0
mORF+_3680206	3680206	3680505	+	1	300	TTG	TGA	0	0
mORF+_3680382	3680382	3680474	+	3	93	ATG	TAA	0	0
mORF+_3680484	3680484	3680672	+	3	189	TTG	TGA	0	0
mORF+_3680512	3680512	3680580	+	1	69	GTG	TAG	0	0
mORF+_3680540	3680540	3680572	+	2	33	TTG	TAA	0	0
mORF+_3680590	3680590	3680709	+	1	120	ATG	TAG	0	0
mORF+_3680669	3680669	3680716	+	2	48	ATG	TAA	0	0
mORF+_3680719	3680719	3680793	+	1	75	TTG	TAG	0	0
mORF+_3680750	3680750	3680788	+	2	39	TTG	TAA	0	0

mORF_+_3680817	3680817	3681572	+	3	756	TTG	TAA	0	0
mORF_+_3680825	3680825	3680854	+	2	30	GTG	TAA	0	0
mORF_+_3680827	3680827	3681105	+	1	279	GTG	TGA	0	0
mORF_+_3680861	3680861	3680881	+	2	21	TTG	TAG	0	0
mORF_+_3680882	3680882	3680896	+	2	15	GTG	TGA	0	0
mORF_+_3681038	3681038	3681049	+	2	12	ATG	TGA	0	0
mORF_+_3681140	3681140	3681184	+	2	45	TTG	TAA	0	0
mORF_+_3681187	3681187	3681234	+	1	48	ATG	TAA	0	0
mORF_+_3681239	3681239	3681316	+	2	78	GTG	TGA	0	0
mORF_+_3681271	3681271	3681393	+	1	123	ATG	TAG	0	0
mORF_+_3681415	3681415	3681438	+	1	24	ATG	TGA	0	0
mORF_+_3681499	3681499	3681504	+	1	6	TTG	TAA	0	0
mORF_+_3681509	3681509	3681529	+	2	21	ATG	TAA	0	0
mORF_+_3681556	3681556	3681576	+	1	21	ATG	TGA	0	0
mORF_+_3681573	3681573	3681590	+	3	18	TTG	TAA	0	0
mORF_+_3681596	3681596	3681628	+	2	33	TTG	TAA	0	0
mORF_+_3681633	3681633	3681638	+	3	6	TTG	TAA	0	0
mORF_+_3681644	3681644	3681652	+	2	9	TTG	TAG	0	0
mORF_+_3681697	3681697	3681819	+	1	123	GTG	TGA	0	0
mORF_+_3681758	3681758	3681796	+	2	39	TTG	TAA	0	0
mORF_+_3681816	3681816	3681920	+	3	105	ATG	TGA	0	0
mORF_+_3681823	3681823	3682158	+	1	336	TTG	TAA	0	0
mORF_+_3681908	3681908	3682081	+	2	174	ATG	TAA	0	0
mORF_+_3681939	3681939	3682010	+	3	72	ATG	TGA	0	0
mORF_+_3682065	3682065	3682073	+	3	9	ATG	TAG	0	0
mORF_+_3682112	3682112	3682258	+	2	147	GTG	TAA	0	0
mORF_+_3682158	3682158	3682214	+	3	57	ATG	TGA	0	0
mORF_+_3682245	3682245	3682373	+	3	129	ATG	TGA	0	0
mORF_+_3682289	3682289	3682306	+	2	18	TTG	TAA	0	0
mORF_+_3682348	3682348	3682365	+	1	18	GTG	TAG	0	0
mORF_+_3682373	3682373	3682633	+	2	261	ATG	TAA	0	0
mORF_+_3682384	3682384	3682392	+	1	9	GTG	TAA	0	0
mORF_+_3682467	3682467	3682514	+	3	48	TTG	TAA	0	0
mORF_+_3682489	3682489	3682503	+	1	15	ATG	TAG	0	0
mORF_+_3682527	3682527	3682541	+	3	15	GTG	TAG	0	0
mORF_+_3682557	3682557	3682580	+	3	24	ATG	TGA	0	0
mORF_+_3682608	3682608	3682628	+	3	21	ATG	TGA	0	0
mORF_+_3682635	3682635	3682688	+	3	54	GTG	TAA	0	0
mORF_+_3682639	3682639	3682674	+	1	36	TTG	TGA	0	0
mORF_+_3682643	3682643	3683020	+	2	378	GTG	TAA	0	0
mORF_+_3682714	3682714	3682734	+	1	21	GTG	TGA	0	0
mORF_+_3682731	3682731	3682940	+	3	210	TTG	TAA	0	0
mORF_+_3682962	3682962	3682973	+	3	12	TTG	TAA	0	0
mORF_+_3683020	3683020	3683064	+	1	45	ATG	TAA	0	0
mORF_+_3683027	3683027	3683086	+	2	60	TTG	TAA	0	0
mORF_+_3683046	3683046	3683156	+	3	111	TTG	TAA	0	0
mORF_+_3683090	3683090	3683152	+	2	63	ATG	TAA	0	0
mORF_+_3683157	3683157	3683231	+	3	75	ATG	TAG	0	0
mORF_+_3683170	3683170	3683313	+	1	144	TTG	TAA	0	0
mORF_+_3683285	3683285	3683296	+	2	12	TTG	TAG	0	0
mORF_+_3683415	3683415	3683525	+	3	111	ATG	TAG	0	0
mORF_+_3683507	3683507	3683623	+	2	117	TTG	TAA	0	0
mORF_+_3683559	3683559	3683702	+	3	144	GTG	TAA	0	0
mORF_+_3683602	3683602	3683616	+	1	15	TTG	TGA	0	0
mORF_+_3683617	3683617	3683718	+	1	102	TTG	TGA	0	0
mORF_+_3683766	3683766	3683795	+	3	30	ATG	TAA	0	0
mORF_+_3683813	3683813	3683896	+	2	84	ATG	TAA	0	0
mORF_+_3683821	3683821	3683880	+	1	60	GTG	TAA	0	0
mORF_+_3683856	3683856	3683912	+	3	57	GTG	TAG	0	0
mORF_+_3683896	3683896	3684201	+	1	306	ATG	TGA	0	0
mORF_+_3683940	3683940	3683999	+	3	60	TTG	TAA	0	0
mORF_+_3683945	3683945	3684022	+	2	78	TTG	TGA	0	0
mORF_+_3684006	3684006	3684125	+	3	120	ATG	TAG	0	0

mORF+_3684023	3684023	3684145	+	2	123	ATG	TGA	0	0
mORF+_3684162	3684162	3684170	+	3	9	TTG	TAA	0	0
mORF+_3684170	3684170	3684289	+	2	120	ATG	TAA	0	0
mORF+_3684180	3684180	3684233	+	3	54	ATG	TAG	0	0
mORF+_3684307	3684307	3684465	+	1	159	ATG	TAA	0	0
mORF+_3684396	3684396	3684473	+	3	78	TTG	TAA	0	0
mORF+_3684413	3684413	3684640	+	2	228	TTG	TAA	0	0
mORF+_3684504	3684504	3684797	+	3	294	ATG	TAA	0	0
mORF+_3684640	3684640	3684684	+	1	45	ATG	TAG	0	0
mORF+_3684776	3684776	3685648	+	2	873	GTG	TAA	0	0
mORF+_3684804	3684804	3684824	+	3	21	GTG	TAA	0	0
mORF+_3684837	3684837	3684863	+	3	27	GTG	TAG	0	0
mORF+_3684939	3684939	3684998	+	3	60	GTG	TAG	0	0
mORF+_3684976	3684976	3685116	+	1	141	ATG	TAA	0	0
mORF+_3685156	3685156	3685203	+	1	48	GTG	TAG	0	0
mORF+_3685179	3685179	3685319	+	3	141	GTG	TGA	0	0
mORF+_3685228	3685228	3685293	+	1	66	GTG	TAG	0	0
mORF+_3685321	3685321	3685377	+	1	57	ATG	TGA	0	0
mORF+_3685338	3685338	3685343	+	3	6	GTG	TAA	0	0
mORF+_3685374	3685374	3685475	+	3	102	GTG	TGA	0	0
mORF+_3685396	3685396	3685458	+	1	63	GTG	TAG	0	0
mORF+_3685509	3685509	3685574	+	3	66	TTG	TGA	0	0
mORF+_3685638	3685638	3685703	+	3	66	TTG	TAA	0	0
mORF+_3685667	3685667	3686323	+	2	657	TTG	TAG	0	0
mORF+_3685750	3685750	3685878	+	1	129	GTG	TAA	0	0
mORF+_3685770	3685770	3685856	+	3	87	TTG	TGA	0	0
mORF+_3685918	3685918	3685941	+	1	24	TTG	TAG	0	0
mORF+_3685941	3685941	3685973	+	3	33	GTG	TGA	0	0
mORF+_3686049	3686049	3686147	+	3	99	GTG	TAG	0	0
mORF+_3686175	3686175	3686255	+	3	81	TTG	TGA	0	0
mORF+_3686203	3686203	3686463	+	1	261	GTG	TAA	0	0
mORF+_3686331	3686331	3686693	+	3	363	ATG	TGA	0	0
mORF+_3686372	3686372	3686632	+	2	261	TTG	TAG	0	0
mORF+_3686572	3686572	3686622	+	1	51	TTG	TAA	0	0
mORF+_3686645	3686645	3686689	+	2	45	TTG	TAA	0	0
mORF+_3686665	3686665	3686679	+	1	15	GTG	TGA	0	0
mORF+_3686754	3686754	3686795	+	3	42	ATG	TAA	0	0
mORF+_3686816	3686816	3686881	+	2	66	ATG	TAG	0	0
mORF+_3686839	3686839	3686889	+	1	51	GTG	TAG	0	0
mORF+_3686871	3686871	3686975	+	3	105	GTG	TGA	0	0
mORF+_3686911	3686911	3687030	+	1	120	TTG	TAA	0	0
mORF+_3686951	3686951	3686980	+	2	30	TTG	TAA	0	0
mORF+_3687053	3687053	3687088	+	2	36	TTG	TAA	0	0
mORF+_3687095	3687095	3687181	+	2	87	TTG	TAG	0	0
mORF+_3687121	3687121	3687147	+	1	27	TTG	TGA	0	0
mORF+_3687144	3687144	3687422	+	3	279	ATG	TAG	0	0
mORF+_3687181	3687181	3687186	+	1	6	GTG	TGA	0	0
mORF+_3687247	3687247	3687363	+	1	117	GTG	TAA	0	0
mORF+_3687287	3687287	3687292	+	2	6	TTG	TAA	0	0
mORF+_3687374	3687374	3687448	+	2	75	ATG	TAA	0	0
mORF+_3687461	3687461	3687544	+	2	84	GTG	TAA	0	0
mORF+_3687465	3687465	3687482	+	3	18	ATG	TAA	0	0
mORF+_3687505	3687505	3687591	+	1	87	TTG	TAG	0	0
mORF+_3687573	3687573	3687713	+	3	141	ATG	TGA	0	0
mORF+_3687602	3687602	3687616	+	2	15	TTG	TAG	0	0
mORF+_3687667	3687667	3687795	+	1	129	TTG	TAA	0	0
mORF+_3687671	3687671	3687742	+	2	72	TTG	TAG	0	0
mORF+_3687785	3687785	3687877	+	2	93	TTG	TAA	0	0
mORF+_3687950	3687950	3688030	+	2	81	TTG	TGA	0	0
mORF+_3688037	3688037	3688111	+	2	75	TTG	TAA	0	0
mORF+_3688114	3688114	3688476	+	1	363	TTG	TAG	0	0
mORF+_3688127	3688127	3688174	+	2	48	GTG	TGA	0	0
mORF+_3688178	3688178	3688183	+	2	6	ATG	TAA	0	0

mORF+_3688353	3688353	3688373	+	3	21	ATG	TGA	0	0	
mORF+_3688407	3688407	3688484	+	3	78	TTG	TGA	0	0	
mORF+_3688481	3688481	3688570	+	2	90	TTG	TAA	0	0	
mORF+_3688575	3688575	3688823	+	3	249	GTG	TGA	0	0	
mORF+_3688712	3688712	3688849	+	2	138	ATG	TGA	0	0	
mORF+_3688850	3688850	3689062	+	2	213	ATG	TAA	0	0	
mORF+_3688902	3688902	3688913	+	3	12	GTG	TAA	0	0	
mORF+_3688944	3688944	3688955	+	3	12	GTG	TAG	0	0	
mORF+_3688981	3688981	3689037	+	1	57	TTG	TAG	0	0	
mORF+_3689007	3689007	3689024	+	3	18	ATG	TAG	0	0	
mORF+_3689056	3689056	3689256	+	1	201	GTG	TAA	0	0	
mORF+_3689078	3689078	3689107	+	2	30	ATG	TGA	0	0	
mORF+_3689192	3689192	3689380	+	2	189	TTG	TAG	0	0	
mORF+_3689314	3689314	3689445	+	1	132	TTG	TAG	0	0	
mORF+_3689402	3689402	3689425	+	2	24	ATG	TAG	0	0	
mORF+_3689482	3689482	3689487	+	1	6	TTG	TAA	0	0	
mORF+_3689517	3689517	3689522	+	3	6	ATG	TGA	0	0	
mORF+_3689519	3689519	3689632	+	2	114	GTG	TGA	0	0	
mORF+_3689663	3689663	3689701	+	2	39	TTG	TAA	0	0	
mORF+_3689713	3689713	3689991	+	1	279	ATG	TGA	0	0	
mORF+_3689777	3689777	3689827	+	2	51	TTG	TAG	0	0	
mORF+_3689787	3689787	3690131	+	3	345	TTG	TGA	0	0	
mORF+_3689885	3689885	3690019	+	2	135	ATG	TGA	0	0	
mORF+_3690065	3690065	3690097	+	2	33	GTG	TGA	0	0	
mORF+_3690100	3690100	3690243	+	1	144	ATG	TAA	0	0	
mORF+_3690128	3690128	3690235	+	2	108	TTG	TAA	0	0	
mORF+_3690147	3690147	3690155	+	3	9	GTG	TAA	0	0	
mORF+_3690267	3690267	3690293	+	3	27	ATG	TGA	0	0	
mORF+_3690278	3690278	3690940	+	2	663	GTG	TAA	1	5	pORF+_3690278
mORF+_3690387	3690387	3690533	+	3	147	GTG	TGA	0	0	
mORF+_3690394	3690394	3690618	+	1	225	TTG	TAG	0	0	
mORF+_3690537	3690537	3690569	+	3	33	GTG	TGA	0	0	
mORF+_3690667	3690667	3690708	+	1	42	ATG	TAA	0	0	
mORF+_3690750	3690750	3690794	+	3	45	ATG	TAG	0	0	
mORF+_3690874	3690874	3690930	+	1	57	ATG	TGA	0	0	
mORF+_3690924	3690924	3691004	+	3	81	GTG	TGA	0	0	
mORF+_3691059	3691059	3691097	+	3	39	TTG	TGA	0	0	
mORF+_3691115	3691115	3691570	+	2	456	GTG	TAG	0	0	
mORF+_3691135	3691135	3691251	+	1	117	TTG	TGA	0	0	
mORF+_3691182	3691182	3691232	+	3	51	TTG	TAG	0	0	
mORF+_3691260	3691260	3691286	+	3	27	GTG	TAG	0	0	
mORF+_3691273	3691273	3691326	+	1	54	TTG	TGA	0	0	
mORF+_3691299	3691299	3691346	+	3	48	ATG	TAG	0	0	
mORF+_3691395	3691395	3691484	+	3	90	TTG	TAG	0	0	
mORF+_3691450	3691450	3691599	+	1	150	GTG	TGA	0	0	
mORF+_3691512	3691512	3691595	+	3	84	TTG	TAG	0	0	
mORF+_3691596	3691596	3691604	+	3	9	ATG	TAG	0	0	
mORF+_3691607	3691607	3691696	+	2	90	ATG	TAG	0	0	
mORF+_3691651	3691651	3691686	+	1	36	GTG	TGA	0	0	
mORF+_3691656	3691656	3691691	+	3	36	ATG	TAA	0	0	
mORF+_3691725	3691725	3691784	+	3	60	GTG	TGA	0	0	
mORF+_3691751	3691751	3692080	+	2	330	TTG	TGA	0	0	
mORF+_3691914	3691914	3692015	+	3	102	ATG	TAG	0	0	
mORF+_3692022	3692022	3692255	+	3	234	GTG	TGA	0	0	
mORF+_3692077	3692077	3692229	+	1	153	GTG	TGA	0	0	
mORF+_3692087	3692087	3692662	+	2	576	GTG	TAG	0	0	
mORF+_3692256	3692256	3692381	+	3	126	GTG	TAA	0	0	
mORF+_3692382	3692382	3692417	+	3	36	ATG	TAA	0	0	
mORF+_3692467	3692467	3692559	+	1	93	ATG	TAA	0	0	
mORF+_3692604	3692604	3692609	+	3	6	GTG	TAA	0	0	
mORF+_3692790	3692790	3692837	+	3	48	GTG	TGA	0	0	
mORF+_3692834	3692834	3692941	+	2	108	ATG	TGA	0	0	
mORF+_3692866	3692866	3692880	+	1	15	GTG	TAA	0	0	

mORF_+_3692944	3692944	3693012	+	1	69	ATG	TGA	0	0	
mORF_+_3692973	3692973	3693008	+	3	36	TTG	TGA	0	0	
mORF_+_3693005	3693005	3693295	+	2	291	TTG	TAG	0	0	
mORF_+_3693009	3693009	3693017	+	3	9	ATG	TAA	0	0	
mORF_+_3693051	3693051	3693182	+	3	132	TTG	TGA	0	0	
mORF_+_3693219	3693219	3693377	+	3	159	TTG	TAG	0	0	
mORF_+_3693370	3693370	3693429	+	1	60	TTG	TAA	0	0	
mORF_+_3693413	3693413	3693460	+	2	48	ATG	TAA	0	0	
mORF_+_3693442	3693442	3693636	+	1	195	TTG	TAA	0	0	
mORF_+_3693510	3693510	3693569	+	3	60	GTG	TGA	0	0	
mORF_+_3693554	3693554	3693586	+	2	33	TTG	TGA	0	0	
mORF_+_3693573	3693573	3693854	+	3	282	TTG	TAA	0	0	
mORF_+_3693676	3693676	3693684	+	1	9	TTG	TAA	0	0	
mORF_+_3693712	3693712	3693750	+	1	39	TTG	TAA	0	0	
mORF_+_3693743	3693743	3693754	+	2	12	ATG	TGA	0	0	
mORF_+_3693782	3693782	3693787	+	2	6	GTG	TAG	0	0	
mORF_+_3693847	3693847	3693870	+	1	24	GTG	TGA	0	0	
mORF_+_3693867	3693867	3693956	+	3	90	ATG	TGA	0	0	
mORF_+_3693884	3693884	3694231	+	2	348	TTG	TAA	0	0	
mORF_+_3693928	3693928	3693933	+	1	6	TTG	TAA	0	0	
mORF_+_3693960	3693960	3694064	+	3	105	TTG	TAA	0	0	
mORF_+_3694086	3694086	3694121	+	3	36	TTG	TGA	0	0	
mORF_+_3694198	3694198	3694257	+	1	60	TTG	TAA	0	0	
mORF_+_3694260	3694260	3694316	+	3	57	GTG	TGA	0	0	
mORF_+_3694280	3694280	3694384	+	2	105	TTG	TAA	0	0	
mORF_+_3694371	3694371	3694376	+	3	6	TTG	TGA	0	0	
mORF_+_3694386	3694386	3694442	+	3	57	TTG	TAG	0	0	
mORF_+_3694423	3694423	3694452	+	1	30	ATG	TAG	0	0	
mORF_+_3694473	3694473	3694484	+	3	12	ATG	TGA	0	0	
mORF_+_3694481	3694481	3696052	+	2	1572	ATG	TGA	1	2	pORF_+_3694481
mORF_+_3694491	3694491	3694694	+	3	204	TTG	TAG	0	0	
mORF_+_3694528	3694528	3694536	+	1	9	ATG	TGA	0	0	
mORF_+_3694567	3694567	3694575	+	1	9	GTG	TAA	0	0	
mORF_+_3694695	3694695	3694721	+	3	27	ATG	TAA	0	0	
mORF_+_3694743	3694743	3694766	+	3	24	ATG	TGA	0	0	
mORF_+_3694770	3694770	3694883	+	3	114	GTG	TGA	0	0	
mORF_+_3694780	3694780	3694791	+	1	12	GTG	TGA	0	0	
mORF_+_3694819	3694819	3694830	+	1	12	TTG	TAA	0	0	
mORF_+_3694834	3694834	3694878	+	1	45	ATG	TAA	0	0	
mORF_+_3694888	3694888	3694926	+	1	39	ATG	TAA	0	0	
mORF_+_3694965	3694965	3695114	+	3	150	TTG	TAG	0	0	
mORF_+_3695044	3695044	3695082	+	1	39	GTG	TAG	0	0	
mORF_+_3695172	3695172	3695363	+	3	192	ATG	TGA	0	0	
mORF_+_3695406	3695406	3695477	+	3	72	ATG	TGA	0	0	
mORF_+_3695449	3695449	3695511	+	1	63	GTG	TAG	0	0	
mORF_+_3695517	3695517	3695552	+	3	36	ATG	TGA	0	0	
mORF_+_3695571	3695571	3695618	+	3	48	GTG	TGA	0	0	
mORF_+_3695584	3695584	3695601	+	1	18	GTG	TAA	0	0	
mORF_+_3695661	3695661	3695705	+	3	45	TTG	TGA	0	0	
mORF_+_3695710	3695710	3695721	+	1	12	GTG	TAA	0	0	
mORF_+_3695745	3695745	3695810	+	3	66	TTG	TGA	0	0	
mORF_+_3695865	3695865	3695945	+	3	81	TTG	TAA	0	0	
mORF_+_3695923	3695923	3695958	+	1	36	ATG	TAA	0	0	
mORF_+_3695970	3695970	3696026	+	3	57	ATG	TAG	0	0	
mORF_+_3696027	3696027	3696074	+	3	48	ATG	TGA	0	0	
mORF_+_3696049	3696049	3696240	+	1	192	ATG	TGA	0	0	
mORF_+_3696071	3696071	3696097	+	2	27	TTG	TGA	0	0	
mORF_+_3696087	3696087	3696173	+	3	87	TTG	TAA	0	0	
mORF_+_3696167	3696167	3696328	+	2	162	TTG	TAA	0	0	
mORF_+_3696237	3696237	3697916	+	3	1680	ATG	TAA	8	46	pORF_+_3696237
mORF_+_3696341	3696341	3696358	+	2	18	GTG	TAA	0	0	
mORF_+_3696385	3696385	3696402	+	1	18	TTG	TGA	0	0	
mORF_+_3696445	3696445	3696510	+	1	66	TTG	TAA	0	0	

mORF+_3696562	3696562	3696591	+	1	30	TTG	TGA	0	0
mORF+_3696592	3696592	3696615	+	1	24	TTG	TAG	0	0
mORF+_3696638	3696638	3696766	+	2	129	ATG	TAA	0	0
mORF+_3696658	3696658	3696684	+	1	27	TTG	TGA	0	0
mORF+_3696760	3696760	3696807	+	1	48	GTG	TAG	0	0
mORF+_3696811	3696811	3696867	+	1	57	GTG	TGA	0	0
mORF+_3696928	3696928	3696954	+	1	27	ATG	TGA	0	0
mORF+_3697016	3697016	3697036	+	2	21	GTG	TGA	0	0
mORF+_3697033	3697033	3697200	+	1	168	TTG	TGA	0	0
mORF+_3697252	3697252	3697275	+	1	24	ATG	TGA	0	0
mORF+_3697312	3697312	3697542	+	1	231	TTG	TGA	0	0
mORF+_3697609	3697609	3697653	+	1	45	GTG	TGA	0	0
mORF+_3697693	3697693	3697848	+	1	156	TTG	TAG	0	0
mORF+_3697968	3697968	3698114	+	3	147	TTG	TAG	0	0
mORF+_3698075	3698075	3698155	+	2	81	ATG	TGA	0	0
mORF+_3698121	3698121	3698129	+	3	9	GTG	TAA	0	0
mORF+_3698152	3698152	3698370	+	1	219	TTG	TAA	0	0
mORF+_3698156	3698156	3698164	+	2	9	GTG	TAG	0	0
mORF+_3698195	3698195	3698254	+	2	60	GTG	TAA	0	0
mORF+_3698268	3698268	3698303	+	3	36	TTG	TGA	0	0
mORF+_3698294	3698294	3698410	+	2	117	TTG	TGA	0	0
mORF+_3698355	3698355	3698444	+	3	90	ATG	TAG	0	0
mORF+_3698380	3698380	3698388	+	1	9	TTG	TAG	0	0
mORF+_3698389	3698389	3698424	+	1	36	TTG	TAG	0	0
mORF+_3698429	3698429	3698806	+	2	378	ATG	TGA	0	0
mORF+_3698523	3698523	3699857	+	3	1335	TTG	TAA	0	0
mORF+_3698677	3698677	3698697	+	1	21	TTG	TGA	0	0
mORF+_3698710	3698710	3698718	+	1	9	TTG	TGA	0	0
mORF+_3698752	3698752	3698775	+	1	24	TTG	TAG	0	0
mORF+_3698821	3698821	3698895	+	1	75	ATG	TGA	0	0
mORF+_3698977	3698977	3699099	+	1	123	ATG	TAG	0	0
mORF+_3699106	3699106	3699129	+	1	24	TTG	TGA	0	0
mORF+_3699190	3699190	3699255	+	1	66	ATG	TGA	0	0
mORF+_3699212	3699212	3699247	+	2	36	TTG	TAA	0	0
mORF+_3699259	3699259	3699351	+	1	93	TTG	TGA	0	0
mORF+_3699361	3699361	3699453	+	1	93	TTG	TGA	0	0
mORF+_3699499	3699499	3699510	+	1	12	TTG	TGA	0	0
mORF+_3699520	3699520	3699576	+	1	57	TTG	TAA	0	0
mORF+_3699586	3699586	3699618	+	1	33	TTG	TGA	0	0
mORF+_3699659	3699659	3699757	+	2	99	TTG	TAA	0	0
mORF+_3699673	3699673	3699750	+	1	78	GTG	TGA	0	0
mORF+_3699824	3699824	3699853	+	2	30	ATG	TGA	0	0
mORF+_3699850	3699850	3699885	+	1	36	TTG	TGA	0	0
mORF+_3699882	3699882	3699890	+	3	9	GTG	TAA	0	0
mORF+_3699935	3699935	3699955	+	2	21	TTG	TAG	0	0
mORF+_3699972	3699972	3700118	+	3	147	GTG	TGA	0	0
mORF+_3700024	3700024	3700056	+	1	33	GTG	TGA	0	0
mORF+_3700119	3700119	3700250	+	3	132	GTG	TAA	0	0
mORF+_3700127	3700127	3700309	+	2	183	ATG	TGA	0	0
mORF+_3700377	3700377	3700391	+	3	15	ATG	TGA	0	0
mORF+_3700412	3700412	3700498	+	2	87	ATG	TAA	0	0
mORF+_3700491	3700491	3700568	+	3	78	TTG	TAA	0	0
mORF+_3700532	3700532	3700924	+	2	393	TTG	TAA	0	0
mORF+_3700668	3700668	3700829	+	3	162	GTG	TAA	0	0
mORF+_3700872	3700872	3701015	+	3	144	GTG	TAA	0	0
mORF+_3700924	3700924	3701247	+	1	324	ATG	TAA	0	0
mORF+_3700931	3700931	3700939	+	2	9	TTG	TGA	0	0
mORF+_3700991	3700991	3700999	+	2	9	GTG	TAG	0	0
mORF+_3701042	3701042	3701089	+	2	48	TTG	TGA	0	0
mORF+_3701115	3701115	3701201	+	3	87	ATG	TGA	0	0
mORF+_3701150	3701150	3701308	+	2	159	ATG	TGA	0	0
mORF+_3701208	3701208	3701243	+	3	36	GTG	TAA	0	0
mORF+_3701299	3701299	3701637	+	1	339	TTG	TGA	0	0

mORF_+_3701309	3701309	3701416	+	2	108	ATG	TGA	0	0	
mORF_+_3701355	3701355	3701525	+	3	171	TTG	TAA	0	0	
mORF_+_3701501	3701501	3701515	+	2	15	TTG	TGA	0	0	
mORF_+_3701552	3701552	3701557	+	2	6	GTG	TAG	0	0	
mORF_+_3701618	3701618	3701698	+	2	81	TTG	TAA	0	0	
mORF_+_3701721	3701721	3701729	+	3	9	GTG	TGA	0	0	
mORF_+_3701795	3701795	3702250	+	2	456	ATG	TAA	0	0	
mORF_+_3701836	3701836	3701847	+	1	12	ATG	TAA	0	0	
mORF_+_3701895	3701895	3702122	+	3	228	TTG	TGA	0	0	
mORF_+_3701938	3701938	3702102	+	1	165	ATG	TAG	0	0	
mORF_+_3702153	3702153	3702170	+	3	18	ATG	TGA	0	0	
mORF_+_3702204	3702204	3702212	+	3	9	GTG	TAA	0	0	
mORF_+_3702260	3702260	3702454	+	2	195	GTG	TAA	1	18	pORF_+_3702260
mORF_+_3702283	3702283	3702366	+	1	84	GTG	TGA	0	0	
mORF_+_3702363	3702363	3702413	+	3	51	ATG	TAA	0	0	
mORF_+_3702537	3702537	3702623	+	3	87	GTG	TAG	0	0	
mORF_+_3702548	3702548	3702730	+	2	183	GTG	TAA	0	0	
mORF_+_3702592	3702592	3702654	+	1	63	GTG	TGA	0	0	
mORF_+_3702636	3702636	3702674	+	3	39	TTG	TAA	0	0	
mORF_+_3702696	3702696	3702713	+	3	18	TTG	TAG	0	0	
mORF_+_3702748	3702748	3702756	+	1	9	GTG	TAA	0	0	
mORF_+_3702778	3702778	3702786	+	1	9	GTG	TGA	0	0	
mORF_+_3702783	3702783	3702806	+	3	24	ATG	TGA	0	0	
mORF_+_3702803	3702803	3703081	+	2	279	ATG	TAG	0	0	
mORF_+_3702852	3702852	3702908	+	3	57	TTG	TAG	0	0	
mORF_+_3702922	3702922	3703017	+	1	96	GTG	TAA	0	0	
mORF_+_3702963	3702963	3703109	+	3	147	ATG	TAA	0	0	
mORF_+_3703141	3703141	3703158	+	1	18	GTG	TGA	0	0	
mORF_+_3703155	3703155	3703394	+	3	240	ATG	TAA	0	0	
mORF_+_3703202	3703202	3703258	+	2	57	ATG	TAG	0	0	
mORF_+_3703337	3703337	3703390	+	2	54	GTG	TGA	0	0	
mORF_+_3703387	3703387	3703446	+	1	60	TTG	TAA	0	0	
mORF_+_3703419	3703419	3703424	+	3	6	GTG	TGA	0	0	
mORF_+_3703421	3703421	3703573	+	2	153	GTG	TGA	0	0	
mORF_+_3703431	3703431	3703610	+	3	180	ATG	TAA	0	0	
mORF_+_3703570	3703570	3703596	+	1	27	TTG	TAA	0	0	
mORF_+_3703589	3703589	3703642	+	2	54	ATG	TAA	0	0	
mORF_+_3703667	3703667	3703831	+	2	165	GTG	TAG	0	0	
mORF_+_3703701	3703701	3704120	+	3	420	ATG	TAA	0	0	
mORF_+_3703744	3703744	3703749	+	1	6	ATG	TGA	0	0	
mORF_+_3703831	3703831	3704058	+	1	228	GTG	TAG	0	0	
mORF_+_3703853	3703853	3703903	+	2	51	GTG	TGA	0	0	
mORF_+_3703991	3703991	3704002	+	2	12	ATG	TAA	0	0	
mORF_+_3704042	3704042	3704131	+	2	90	TTG	TAG	0	0	
mORF_+_3704110	3704110	3704148	+	1	39	ATG	TGA	0	0	
mORF_+_3704145	3704145	3704159	+	3	15	GTG	TAA	0	0	
mORF_+_3704152	3704152	3704175	+	1	24	TTG	TAG	0	0	
mORF_+_3704159	3704159	3704182	+	2	24	ATG	TAA	0	0	
mORF_+_3704209	3704209	3704217	+	1	9	GTG	TGA	0	0	
mORF_+_3704214	3704214	3704351	+	3	138	GTG	TGA	0	0	
mORF_+_3704221	3704221	3704241	+	1	21	ATG	TGA	0	0	
mORF_+_3704228	3704228	3704302	+	2	75	GTG	TAG	0	0	
mORF_+_3704266	3704266	3704316	+	1	51	TTG	TGA	0	0	
mORF_+_3704335	3704335	3704340	+	1	6	TTG	TAG	0	0	
mORF_+_3704348	3704348	3704386	+	2	39	TTG	TGA	0	0	
mORF_+_3704356	3704356	3704496	+	1	141	TTG	TAG	0	0	
mORF_+_3704364	3704364	3704732	+	3	369	TTG	TGA	0	0	
mORF_+_3704497	3704497	3704541	+	1	45	GTG	TGA	0	0	
mORF_+_3704554	3704554	3704670	+	1	117	ATG	TAG	0	0	
mORF_+_3704671	3704671	3704676	+	1	6	GTG	TAG	0	0	
mORF_+_3704704	3704704	3704748	+	1	45	ATG	TGA	0	0	
mORF_+_3704708	3704708	3704761	+	2	54	TTG	TGA	0	0	
mORF_+_3704758	3704758	3704787	+	1	30	TTG	TAG	0	0	

mORF_+_3704819	3704819	3704884	+	2	66	GTG	TGA	0	0
mORF_+_3704881	3704881	3704970	+	1	90	TTG	TAA	0	0
mORF_+_3705022	3705022	3705036	+	1	15	TTG	TAG	0	0
mORF_+_3705049	3705049	3705054	+	1	6	TTG	TAG	0	0
mORF_+_3705072	3705072	3705086	+	3	15	TTG	TAA	0	0
mORF_+_3705107	3705107	3705115	+	2	9	TTG	TGA	0	0
mORF_+_3705112	3705112	3705240	+	1	129	TTG	TGA	0	0
mORF_+_3705131	3705131	3705178	+	2	48	GTG	TAG	0	0
mORF_+_3705191	3705191	3705274	+	2	84	TTG	TGA	0	0
mORF_+_3705244	3705244	3705312	+	1	69	GTG	TAG	0	0
mORF_+_3705330	3705330	3705626	+	3	297	ATG	TGA	0	0
mORF_+_3705406	3705406	3705459	+	1	54	TTG	TAG	0	0
mORF_+_3705514	3705514	3705549	+	1	36	GTG	TAA	0	0
mORF_+_3705574	3705574	3705633	+	1	60	GTG	TAA	0	0
mORF_+_3705656	3705656	3705673	+	2	18	TTG	TAG	0	0
mORF_+_3705742	3705742	3705747	+	1	6	TTG	TGA	0	0
mORF_+_3705744	3705744	3705851	+	3	108	GTG	TAA	0	0
mORF_+_3705751	3705751	3705762	+	1	12	TTG	TAA	0	0
mORF_+_3705767	3705767	3705790	+	2	24	TTG	TGA	0	0
mORF_+_3705772	3705772	3705828	+	1	57	GTG	TGA	0	0
mORF_+_3705797	3705797	3705847	+	2	51	TTG	TAA	0	0
mORF_+_3705857	3705857	3705862	+	2	6	GTG	TAA	0	0
mORF_+_3705865	3705865	3705960	+	1	96	GTG	TGA	0	0
mORF_+_3705915	3705915	3705920	+	3	6	ATG	TGA	0	0
mORF_+_3705917	3705917	3706072	+	2	156	GTG	TGA	0	0
mORF_+_3705957	3705957	3706034	+	3	78	GTG	TGA	0	0
mORF_+_3706018	3706018	3706059	+	1	42	GTG	TAG	0	0
mORF_+_3706066	3706066	3706140	+	1	75	TTG	TGA	0	0
mORF_+_3706082	3706082	3706105	+	2	24	ATG	TGA	0	0
mORF_+_3706113	3706113	3706124	+	3	12	GTG	TGA	0	0
mORF_+_3706137	3706137	3706181	+	3	45	ATG	TAA	0	0
mORF_+_3706163	3706163	3706246	+	2	84	ATG	TAA	0	0
mORF_+_3706222	3706222	3706350	+	1	129	ATG	TGA	0	0
mORF_+_3706253	3706253	3706480	+	2	228	GTG	TGA	0	0
mORF_+_3706260	3706260	3706298	+	3	39	ATG	TAG	0	0
mORF_+_3706350	3706350	3706361	+	3	12	ATG	TGA	0	0
mORF_+_3706432	3706432	3706764	+	1	333	ATG	TAA	0	0
mORF_+_3706470	3706470	3706592	+	3	123	TTG	TGA	0	0
mORF_+_3706502	3706502	3706648	+	2	147	GTG	TGA	0	0
mORF_+_3706638	3706638	3706814	+	3	177	TTG	TAG	0	0
mORF_+_3706688	3706688	3706810	+	2	123	GTG	TAG	0	0
mORF_+_3706827	3706827	3706865	+	3	39	TTG	TAA	0	0
mORF_+_3706838	3706838	3706843	+	2	6	ATG	TGA	0	0
mORF_+_3706840	3706840	3706881	+	1	42	GTG	TGA	0	0
mORF_+_3706850	3706850	3706888	+	2	39	TTG	TAG	0	0
mORF_+_3706878	3706878	3706904	+	3	27	GTG	TGA	0	0
mORF_+_3706901	3706901	3706927	+	2	27	ATG	TGA	0	0
mORF_+_3706924	3706924	3707010	+	1	87	GTG	TGA	0	0
mORF_+_3706932	3706932	3707093	+	3	162	GTG	TAA	0	0
mORF_+_3706943	3706943	3707119	+	2	177	ATG	TAG	0	0
mORF_+_3707071	3707071	3707097	+	1	27	GTG	TGA	0	0
mORF_+_3707094	3707094	3707168	+	3	75	TTG	TAA	0	0
mORF_+_3707104	3707104	3707355	+	1	252	GTG	TAG	0	0
mORF_+_3707192	3707192	3707200	+	2	9	TTG	TAG	0	0
mORF_+_3707204	3707204	3707281	+	2	78	TTG	TAA	0	0
mORF_+_3707288	3707288	3707293	+	2	6	GTG	TAG	0	0
mORF_+_3707309	3707309	3707440	+	2	132	TTG	TAA	0	0
mORF_+_3707359	3707359	3707517	+	1	159	TTG	TAA	0	0
mORF_+_3707412	3707412	3707492	+	3	81	GTG	TAG	0	0
mORF_+_3707444	3707444	3707470	+	2	27	ATG	TAG	0	0
mORF_+_3707537	3707537	3707587	+	2	51	ATG	TGA	0	0
mORF_+_3707553	3707553	3707741	+	3	189	ATG	TGA	0	0
mORF_+_3707597	3707597	3707638	+	2	42	ATG	TAA	0	0

mORF_+_3707681	3707681	3707698	+	2	18	GTG	TAG	0	0
mORF_+_3707713	3707713	3707814	+	1	102	ATG	TGA	0	0
mORF_+_3707726	3707726	3707755	+	2	30	GTG	TAA	0	0
mORF_+_3707756	3707756	3707782	+	2	27	GTG	TGA	0	0
mORF_+_3707775	3707775	3707789	+	3	15	GTG	TGA	0	0
mORF_+_3707786	3707786	3707890	+	2	105	GTG	TAA	0	0
mORF_+_3707811	3707811	3707993	+	3	183	ATG	TAA	0	0
mORF_+_3708049	3708049	3708120	+	1	72	TTG	TAA	0	0
mORF_+_3708062	3708062	3708067	+	2	6	GTG	TAG	0	0
mORF_+_3708102	3708102	3708110	+	3	9	ATG	TAA	0	0
mORF_+_3708153	3708153	3708179	+	3	27	TTG	TGA	0	0
mORF_+_3708170	3708170	3708199	+	2	30	GTG	TAA	0	0
mORF_+_3708203	3708203	3708229	+	2	27	ATG	TAA	0	0
mORF_+_3708264	3708264	3708380	+	3	117	ATG	TAA	0	0
mORF_+_3708335	3708335	3708394	+	2	60	GTG	TAG	0	0
mORF_+_3708385	3708385	3708525	+	1	141	GTG	TGA	0	0
mORF_+_3708447	3708447	3708479	+	3	33	TTG	TAA	0	0
mORF_+_3708485	3708485	3708610	+	2	126	TTG	TAA	0	0
mORF_+_3708522	3708522	3708587	+	3	66	GTG	TAA	0	0
mORF_+_3708568	3708568	3708579	+	1	12	GTG	TAG	0	0
mORF_+_3708634	3708634	3708807	+	1	174	GTG	TAG	0	0
mORF_+_3708636	3708636	3708656	+	3	21	GTG	TGA	0	0
mORF_+_3708647	3708647	3708685	+	2	39	GTG	TGA	0	0
mORF_+_3708731	3708731	3708772	+	2	42	TTG	TGA	0	0
mORF_+_3708753	3708753	3708797	+	3	45	TTG	TGA	0	0
mORF_+_3708834	3708834	3708893	+	3	60	ATG	TGA	0	0
mORF_+_3708890	3708890	3708958	+	2	69	ATG	TAA	0	0
mORF_+_3708970	3708970	3708996	+	1	27	ATG	TAA	0	0
mORF_+_3709024	3709024	3709173	+	1	150	TTG	TGA	0	0
mORF_+_3709049	3709049	3709066	+	2	18	GTG	TAA	0	0
mORF_+_3709085	3709085	3709183	+	2	99	ATG	TAA	0	0
mORF_+_3709177	3709177	3709419	+	1	243	ATG	TAA	0	0
mORF_+_3709293	3709293	3709376	+	3	84	GTG	TAA	0	0
mORF_+_3709295	3709295	3709573	+	2	279	GTG	TAA	0	0
mORF_+_3709438	3709438	3709602	+	1	165	TTG	TAA	0	0
mORF_+_3709738	3709738	3709950	+	1	213	TTG	TAA	0	0
mORF_+_3709746	3709746	3709769	+	3	24	ATG	TAA	0	0
mORF_+_3709850	3709850	3709933	+	2	84	TTG	TAA	0	0
mORF_+_3709975	3709975	3710013	+	1	39	ATG	TGA	0	0
mORF_+_3709991	3709991	3710203	+	2	213	GTG	TAG	0	0
mORF_+_3710029	3710029	3710049	+	1	21	ATG	TAA	0	0
mORF_+_3710086	3710086	3710148	+	1	63	GTG	TAG	0	0
mORF_+_3710160	3710160	3710198	+	3	39	ATG	TAA	0	0
mORF_+_3710225	3710225	3710275	+	2	51	TTG	TAA	0	0
mORF_+_3710235	3710235	3710330	+	3	96	ATG	TAG	0	0
mORF_+_3710245	3710245	3710250	+	1	6	TTG	TGA	0	0
mORF_+_3710308	3710308	3710325	+	1	18	GTG	TGA	0	0
mORF_+_3710352	3710352	3710435	+	3	84	TTG	TGA	0	0
mORF_+_3710356	3710356	3710475	+	1	120	TTG	TAG	0	0
mORF_+_3710408	3710408	3710479	+	2	72	TTG	TGA	0	0
mORF_+_3710436	3710436	3710531	+	3	96	TTG	TAA	0	0
mORF_+_3710547	3710547	3710555	+	3	9	ATG	TAA	0	0
mORF_+_3710569	3710569	3710622	+	1	54	GTG	TAA	0	0
mORF_+_3710609	3710609	3710650	+	2	42	TTG	TAA	0	0
mORF_+_3710622	3710622	3710627	+	3	6	ATG	TAA	0	0
mORF_+_3710725	3710725	3710760	+	1	36	TTG	TGA	0	0
mORF_+_3710748	3710748	3710924	+	3	177	TTG	TAG	0	0
mORF_+_3710782	3710782	3710787	+	1	6	TTG	TAA	0	0
mORF_+_3710812	3710812	3710817	+	1	6	GTG	TAA	0	0
mORF_+_3710824	3710824	3710874	+	1	51	GTG	TAA	0	0
mORF_+_3710878	3710878	3711678	+	1	801	GTG	TGA	0	0
mORF_+_3710997	3710997	3711026	+	3	30	TTG	TAG	0	0
mORF_+_3711044	3711044	3711103	+	2	60	TTG	TAG	0	0

mORF_+_3711123	3711123	3711167	+	3	45	TTG	TGA	0	0	
mORF_+_3711155	3711155	3711217	+	2	63	TTG	TGA	0	0	
mORF_+_3711174	3711174	3711188	+	3	15	GTG	TGA	0	0	
mORF_+_3711224	3711224	3711313	+	2	90	TTG	TGA	0	0	
mORF_+_3711249	3711249	3711407	+	3	159	GTG	TAA	0	0	
mORF_+_3711338	3711338	3711475	+	2	138	ATG	TAA	0	0	
mORF_+_3711569	3711569	3711631	+	2	63	GTG	TGA	0	0	
mORF_+_3711618	3711618	3711635	+	3	18	ATG	TGA	0	0	
mORF_+_3711632	3711632	3711778	+	2	147	ATG	TGA	0	0	
mORF_+_3711654	3711654	3711671	+	3	18	TTG	TAA	0	0	
mORF_+_3711675	3711675	3712115	+	3	441	ATG	TAA	0	0	
mORF_+_3711775	3711775	3711942	+	1	168	GTG	TGA	0	0	
mORF_+_3711949	3711949	3711975	+	1	27	ATG	TGA	0	0	
mORF_+_3712039	3712039	3712089	+	1	51	TTG	TGA	0	0	
mORF_+_3712046	3712046	3712063	+	2	18	TTG	TGA	0	0	
mORF_+_3712079	3712079	3712282	+	2	204	ATG	TGA	0	0	
mORF_+_3712116	3712116	3712304	+	3	189	GTG	TAA	0	0	
mORF_+_3712279	3712279	3712608	+	1	330	GTG	TGA	0	0	
mORF_+_3712283	3712283	3712408	+	2	126	ATG	TGA	0	0	
mORF_+_3712344	3712344	3712415	+	3	72	GTG	TGA	0	0	
mORF_+_3712409	3712409	3712462	+	2	54	ATG	TAA	0	0	
mORF_+_3712428	3712428	3712685	+	3	258	TTG	TAA	0	0	
mORF_+_3712529	3712529	3712585	+	2	57	TTG	TAA	0	0	
mORF_+_3712622	3712622	3712801	+	2	180	TTG	TAA	0	0	
mORF_+_3712645	3712645	3712722	+	1	78	ATG	TAA	0	0	
mORF_+_3712732	3712732	3712878	+	1	147	TTG	TAA	0	0	
mORF_+_3712749	3712749	3712841	+	3	93	ATG	TAA	0	0	
mORF_+_3712845	3712845	3712979	+	3	135	GTG	TGA	0	0	
mORF_+_3712930	3712930	3714030	+	1	1101	TTG	TAA	1	2	pORF_+_3712930
mORF_+_3712973	3712973	3713113	+	2	141	ATG	TGA	0	0	
mORF_+_3713031	3713031	3713123	+	3	93	TTG	TAA	0	0	
mORF_+_3713126	3713126	3713191	+	2	66	TTG	TGA	0	0	
mORF_+_3713193	3713193	3713396	+	3	204	ATG	TGA	0	0	
mORF_+_3713225	3713225	3713338	+	2	114	ATG	TAA	0	0	
mORF_+_3713363	3713363	3713578	+	2	216	GTG	TAA	0	0	
mORF_+_3713600	3713600	3713800	+	2	201	GTG	TAA	0	0	
mORF_+_3713697	3713697	3713849	+	3	153	GTG	TGA	0	0	
mORF_+_3713846	3713846	3713920	+	2	75	TTG	TGA	0	0	
mORF_+_3713850	3713850	3713858	+	3	9	GTG	TAG	0	0	
mORF_+_3713951	3713951	3713980	+	2	30	ATG	TAA	0	0	
mORF_+_3713961	3713961	3714140	+	3	180	GTG	TAA	0	0	
mORF_+_3714046	3714046	3714063	+	1	18	ATG	TGA	0	0	
mORF_+_3714116	3714116	3714136	+	2	21	ATG	TGA	0	0	
mORF_+_3714124	3714124	3714213	+	1	90	ATG	TGA	0	0	
mORF_+_3714191	3714191	3714265	+	2	75	ATG	TGA	0	0	
mORF_+_3714210	3714210	3714332	+	3	123	GTG	TAA	0	0	
mORF_+_3714262	3714262	3714315	+	1	54	GTG	TAA	0	0	
mORF_+_3714308	3714308	3714457	+	2	150	GTG	TAA	0	0	
mORF_+_3714373	3714373	3714402	+	1	30	ATG	TGA	0	0	
mORF_+_3714399	3714399	3714440	+	3	42	GTG	TAG	0	0	
mORF_+_3714441	3714441	3714449	+	3	9	ATG	TGA	0	0	
mORF_+_3714500	3714500	3714640	+	2	141	ATG	TAA	0	0	
mORF_+_3714535	3714535	3714567	+	1	33	GTG	TAA	0	0	
mORF_+_3714570	3714570	3715229	+	3	660	ATG	TAA	12	20	pORF_+_3714570
mORF_+_3714580	3714580	3714603	+	1	24	GTG	TAG	0	0	
mORF_+_3714607	3714607	3714762	+	1	156	GTG	TGA	0	0	
mORF_+_3714763	3714763	3714867	+	1	105	TTG	TAA	0	0	
mORF_+_3714907	3714907	3714912	+	1	6	ATG	TGA	0	0	
mORF_+_3715015	3715015	3715050	+	1	36	TTG	TGA	0	0	
mORF_+_3715072	3715072	3715098	+	1	27	GTG	TGA	0	0	
mORF_+_3715141	3715141	3715206	+	1	66	TTG	TAG	0	0	
mORF_+_3715238	3715238	3715300	+	2	63	ATG	TAA	0	0	
mORF_+_3715245	3715245	3715370	+	3	126	GTG	TGA	0	0	

mORF_+_3715321	3715321	3716307	+	1	987	ATG	TAA	46	458	pORF_+_3715321
mORF_+_3715370	3715370	3715501	+	2	132	ATG	TAA	0	0	
mORF_+_3715502	3715502	3715609	+	2	108	ATG	TGA	0	0	
mORF_+_3715685	3715685	3715696	+	2	12	TTG	TAG	0	0	
mORF_+_3715719	3715719	3715757	+	3	39	ATG	TGA	0	0	
mORF_+_3715781	3715781	3715951	+	2	171	TTG	TGA	0	0	
mORF_+_3715944	3715944	3715967	+	3	24	TTG	TGA	0	0	
mORF_+_3715967	3715967	3716011	+	2	45	ATG	TGA	0	0	
mORF_+_3716033	3716033	3716071	+	2	39	ATG	TGA	0	0	
mORF_+_3716114	3716114	3716143	+	2	30	ATG	TAG	0	0	
mORF_+_3716189	3716189	3716248	+	2	60	TTG	TGA	0	0	
mORF_+_3716249	3716249	3716287	+	2	39	TTG	TGA	0	0	
mORF_+_3716360	3716360	3716419	+	2	60	TTG	TAA	0	0	
mORF_+_3716365	3716365	3716373	+	1	9	TTG	TAA	0	0	
mORF_+_3716410	3716410	3716547	+	1	138	GTG	TGA	0	0	
mORF_+_3716433	3716433	3716498	+	3	66	TTG	TGA	0	0	
mORF_+_3716504	3716504	3716653	+	2	150	TTG	TAG	0	0	
mORF_+_3716514	3716514	3716519	+	3	6	ATG	TAG	0	0	
mORF_+_3716544	3716544	3716618	+	3	75	GTG	TGA	0	0	
mORF_+_3716554	3716554	3716610	+	1	57	GTG	TGA	0	0	
mORF_+_3716611	3716611	3716754	+	1	144	ATG	TAA	0	0	
mORF_+_3716660	3716660	3716914	+	2	255	GTG	TAG	0	0	
mORF_+_3716776	3716776	3716784	+	1	9	TTG	TAA	0	0	
mORF_+_3716908	3716908	3716958	+	1	51	TTG	TAA	0	0	
mORF_+_3717112	3717112	3717198	+	1	87	GTG	TGA	0	0	
mORF_+_3717146	3717146	3717169	+	2	24	TTG	TAA	0	0	
mORF_+_3717186	3717186	3717209	+	3	24	ATG	TAA	0	0	
mORF_+_3717211	3717211	3717228	+	1	18	TTG	TAA	0	0	
mORF_+_3717222	3717222	3717371	+	3	150	TTG	TAA	0	0	
mORF_+_3717232	3717232	3717258	+	1	27	ATG	TAG	0	0	
mORF_+_3717352	3717352	3717375	+	1	24	GTG	TGA	0	0	
mORF_+_3717372	3717372	3717383	+	3	12	ATG	TGA	0	0	
mORF_+_3717403	3717403	3717411	+	1	9	ATG	TGA	0	0	
mORF_+_3717424	3717424	3717450	+	1	27	GTG	TAA	0	0	
mORF_+_3717450	3717450	3717485	+	3	36	ATG	TGA	0	0	
mORF_+_3717460	3717460	3717534	+	1	75	ATG	TGA	0	0	
mORF_+_3717482	3717482	3717490	+	2	9	GTG	TGA	0	0	
mORF_+_3717501	3717501	3717791	+	3	291	ATG	TAG	0	0	
mORF_+_3717550	3717550	3717585	+	1	36	TTG	TGA	0	0	
mORF_+_3717613	3717613	3717642	+	1	30	TTG	TAA	0	0	
mORF_+_3717649	3717649	3717690	+	1	42	ATG	TAA	0	0	
mORF_+_3717695	3717695	3717775	+	2	81	ATG	TAA	0	0	
mORF_+_3717724	3717724	3717735	+	1	12	GTG	TAA	0	0	
mORF_+_3717808	3717808	3717903	+	1	96	TTG	TAA	0	0	
mORF_+_3717873	3717873	3717977	+	3	105	TTG	TGA	0	0	
mORF_+_3717941	3717941	3717946	+	2	6	GTG	TAG	0	0	
mORF_+_3717974	3717974	3718021	+	2	48	TTG	TAA	0	0	
mORF_+_3718072	3718072	3718284	+	1	213	ATG	TAA	15	19	pORF_+_3718072
mORF_+_3718101	3718101	3718115	+	3	15	ATG	TGA	0	0	
mORF_+_3718145	3718145	3718273	+	2	129	ATG	TAA	0	0	
mORF_+_3718323	3718323	3718358	+	3	36	TTG	TAA	0	0	
mORF_+_3718342	3718342	3718362	+	1	21	TTG	TAA	0	0	
mORF_+_3718393	3718393	3718398	+	1	6	TTG	TGA	0	0	
mORF_+_3718395	3718395	3718442	+	3	48	GTG	TAA	0	0	
mORF_+_3718408	3718408	3718494	+	1	87	TTG	TAA	0	0	
mORF_+_3718412	3718412	3718420	+	2	9	GTG	TGA	0	0	
mORF_+_3718484	3718484	3718513	+	2	30	TTG	TAA	0	0	
mORF_+_3718528	3718528	3718545	+	1	18	ATG	TGA	0	0	
mORF_+_3718542	3718542	3718565	+	3	24	GTG	TGA	0	0	
mORF_+_3718562	3718562	3718642	+	2	81	GTG	TGA	0	0	
mORF_+_3718636	3718636	3718701	+	1	66	GTG	TAA	0	0	
mORF_+_3718655	3718655	3718684	+	2	30	ATG	TGA	0	0	
mORF_+_3718671	3718671	3718694	+	3	24	TTG	TAG	0	0	

mORF_+_3718703	3718703	3719224	+	2	522	ATG	TGA	0	0	
mORF_+_3718725	3718725	3718748	+	3	24	TTG	TGA	0	0	
mORF_+_3718767	3718767	3718865	+	3	99	ATG	TAA	0	0	
mORF_+_3718825	3718825	3718842	+	1	18	ATG	TGA	0	0	
mORF_+_3718887	3718887	3718919	+	3	33	GTG	TGA	0	0	
mORF_+_3718974	3718974	3718994	+	3	21	TTG	TAG	0	0	
mORF_+_3718999	3718999	3719016	+	1	18	GTG	TGA	0	0	
mORF_+_3719013	3719013	3719186	+	3	174	ATG	TAA	0	0	
mORF_+_3719221	3719221	3720072	+	1	852	GTG	TAA	1	2	pORF_+_3719221
mORF_+_3719258	3719258	3719314	+	2	57	TTG	TAA	0	0	
mORF_+_3719339	3719339	3719410	+	2	72	ATG	TAA	0	0	
mORF_+_3719549	3719549	3719653	+	2	105	ATG	TAA	0	0	
mORF_+_3719592	3719592	3719612	+	3	21	GTG	TGA	0	0	
mORF_+_3719717	3719717	3719806	+	2	90	TTG	TGA	0	0	
mORF_+_3719790	3719790	3719828	+	3	39	ATG	TAA	0	0	
mORF_+_3719834	3719834	3719911	+	2	78	ATG	TAA	0	0	
mORF_+_3719868	3719868	3719879	+	3	12	TTG	TAA	0	0	
mORF_+_3719892	3719892	3719933	+	3	42	GTG	TGA	0	0	
mORF_+_3719930	3719930	3719950	+	2	21	TTG	TAA	0	0	
mORF_+_3719963	3719963	3720013	+	2	51	ATG	TGA	0	0	
mORF_+_3720035	3720035	3720106	+	2	72	TTG	TGA	0	0	
mORF_+_3720085	3720085	3720156	+	1	72	TTG	TGA	0	0	
mORF_+_3720178	3720178	3720195	+	1	18	GTG	TAA	0	0	
mORF_+_3720201	3720201	3720254	+	3	54	TTG	TGA	0	0	
mORF_+_3720214	3720214	3720222	+	1	9	TTG	TAA	0	0	
mORF_+_3720251	3720251	3720259	+	2	9	ATG	TAA	0	0	
mORF_+_3720288	3720288	3720560	+	3	273	TTG	TAG	0	0	
mORF_+_3720409	3720409	3720522	+	1	114	ATG	TAA	0	0	
mORF_+_3720550	3720550	3720801	+	1	252	TTG	TAA	0	0	
mORF_+_3720686	3720686	3720841	+	2	156	GTG	TAA	0	0	
mORF_+_3720714	3720714	3721694	+	3	981	ATG	TAA	0	0	
mORF_+_3720865	3720865	3721017	+	1	153	TTG	TGA	0	0	
mORF_+_3721051	3721051	3721119	+	1	69	TTG	TGA	0	0	
mORF_+_3721198	3721198	3721587	+	1	390	GTG	TAA	0	0	
mORF_+_3721631	3721631	3721744	+	2	114	TTG	TAA	0	0	
mORF_+_3721774	3721774	3721812	+	1	39	ATG	TGA	0	0	
mORF_+_3721825	3721825	3721881	+	1	57	ATG	TGA	0	0	
mORF_+_3721854	3721854	3723113	+	3	1260	GTG	TAA	0	0	
mORF_+_3721882	3721882	3722286	+	1	405	ATG	TGA	0	0	
mORF_+_3721895	3721895	3721906	+	2	12	TTG	TGA	0	0	
mORF_+_3721964	3721964	3722095	+	2	132	TTG	TAG	0	0	
mORF_+_3722290	3722290	3722481	+	1	192	GTG	TAG	0	0	
mORF_+_3722297	3722297	3722329	+	2	33	GTG	TAA	0	0	
mORF_+_3722363	3722363	3722422	+	2	60	GTG	TAG	0	0	
mORF_+_3722483	3722483	3722545	+	2	63	ATG	TGA	0	0	
mORF_+_3722500	3722500	3722529	+	1	30	TTG	TAG	0	0	
mORF_+_3722542	3722542	3722610	+	1	69	GTG	TAG	0	0	
mORF_+_3722680	3722680	3722718	+	1	39	GTG	TAA	0	0	
mORF_+_3722719	3722719	3722742	+	1	24	GTG	TGA	0	0	
mORF_+_3722761	3722761	3722802	+	1	42	GTG	TAA	0	0	
mORF_+_3722821	3722821	3722850	+	1	30	ATG	TAG	0	0	
mORF_+_3722851	3722851	3722904	+	1	54	GTG	TAA	0	0	
mORF_+_3722905	3722905	3723009	+	1	105	GTG	TGA	0	0	
mORF_+_3723022	3723022	3723060	+	1	39	ATG	TGA	0	0	
mORF_+_3723064	3723064	3723099	+	1	36	TTG	TGA	0	0	
mORF_+_3723074	3723074	3723082	+	2	9	ATG	TAA	0	0	
mORF_+_3723118	3723118	3723135	+	1	18	TTG	TAG	0	0	
mORF_+_3723215	3723215	3723439	+	2	225	TTG	TAA	0	0	
mORF_+_3723219	3723219	3723296	+	3	78	GTG	TAA	0	0	
mORF_+_3723244	3723244	3723258	+	1	15	ATG	TGA	0	0	
mORF_+_3723262	3723262	3723288	+	1	27	ATG	TAA	0	0	
mORF_+_3723336	3723336	3723554	+	3	219	TTG	TGA	0	0	
mORF_+_3723361	3723361	3723372	+	1	12	GTG	TAA	0	0	

mORF_+_3723443	3723443	3723511	+	2	69	ATG	TAA	0	0	
mORF_+_3723451	3723451	3723609	+	1	159	ATG	TAA	0	0	
mORF_+_3723551	3723551	3723583	+	2	33	GTG	TAA	0	0	
mORF_+_3723588	3723588	3723680	+	3	93	TTG	TAG	0	0	
mORF_+_3723602	3723602	3723829	+	2	228	TTG	TAG	0	0	
mORF_+_3723652	3723652	3723672	+	1	21	TTG	TGA	0	0	
mORF_+_3723708	3723708	3723761	+	3	54	TTG	TGA	0	0	
mORF_+_3723829	3723829	3723891	+	1	63	GTG	TAA	0	0	
mORF_+_3723852	3723852	3723935	+	3	84	GTG	TGA	0	0	
mORF_+_3723910	3723910	3724905	+	1	996	ATG	TAA	0	0	
mORF_+_3723932	3723932	3723952	+	2	21	TTG	TAG	0	0	
mORF_+_3723954	3723954	3724010	+	3	57	GTG	TAG	0	0	
mORF_+_3723992	3723992	3723997	+	2	6	ATG	TGA	0	0	
mORF_+_3724001	3724001	3724048	+	2	48	ATG	TGA	0	0	
mORF_+_3724026	3724026	3724169	+	3	144	ATG	TAG	0	0	
mORF_+_3724061	3724061	3724087	+	2	27	GTG	TGA	0	0	
mORF_+_3724106	3724106	3724159	+	2	54	TTG	TGA	0	0	
mORF_+_3724190	3724190	3724222	+	2	33	TTG	TAG	0	0	
mORF_+_3724263	3724263	3724376	+	3	114	GTG	TAA	0	0	
mORF_+_3724280	3724280	3724288	+	2	9	TTG	TGA	0	0	
mORF_+_3724361	3724361	3724489	+	2	129	TTG	TAG	0	0	
mORF_+_3724413	3724413	3724427	+	3	15	ATG	TAA	0	0	
mORF_+_3724521	3724521	3724583	+	3	63	GTG	TGA	0	0	
mORF_+_3724541	3724541	3724666	+	2	126	TTG	TGA	0	0	
mORF_+_3724590	3724590	3724676	+	3	87	GTG	TAA	0	0	
mORF_+_3724709	3724709	3724717	+	2	9	TTG	TAA	0	0	
mORF_+_3724766	3724766	3724897	+	2	132	ATG	TAG	0	0	
mORF_+_3724800	3724800	3724931	+	3	132	TTG	TGA	0	0	
mORF_+_3724942	3724942	3725067	+	1	126	GTG	TAA	0	0	
mORF_+_3724976	3724976	3725083	+	2	108	GTG	TGA	0	0	
mORF_+_3725090	3725090	3725134	+	2	45	ATG	TAA	0	0	
mORF_+_3725164	3725164	3725211	+	1	48	ATG	TGA	0	0	
mORF_+_3725208	3725208	3725237	+	3	30	TTG	TAA	0	0	
mORF_+_3725336	3725336	3725350	+	2	15	ATG	TAA	0	0	
mORF_+_3725357	3725357	3725407	+	2	51	GTG	TGA	0	0	
mORF_+_3725374	3725374	3725415	+	1	42	TTG	TAA	0	0	
mORF_+_3725423	3725423	3725512	+	2	90	ATG	TGA	0	0	
mORF_+_3725454	3725454	3725525	+	3	72	TTG	TAA	0	0	
mORF_+_3725482	3725482	3725490	+	1	9	ATG	TAG	0	0	
mORF_+_3725509	3725509	3725631	+	1	123	TTG	TAG	0	0	
mORF_+_3725516	3725516	3725536	+	2	21	GTG	TAA	0	0	
mORF_+_3725577	3725577	3725654	+	3	78	ATG	TAA	0	0	
mORF_+_3725624	3725624	3725773	+	2	150	ATG	TAA	0	0	
mORF_+_3725632	3725632	3725670	+	1	39	TTG	TAG	0	0	
mORF_+_3725833	3725833	3725883	+	1	51	ATG	TAA	0	0	
mORF_+_3725846	3725846	3725872	+	2	27	ATG	TAA	0	0	
mORF_+_3725900	3725900	3725905	+	2	6	ATG	TGA	0	0	
mORF_+_3725902	3725902	3725967	+	1	66	GTG	TGA	0	0	
mORF_+_3725951	3725951	3726070	+	2	120	ATG	TGA	0	0	
mORF_+_3725961	3725961	3726029	+	3	69	TTG	TAG	0	0	
mORF_+_3726030	3726030	3726044	+	3	15	ATG	TAA	0	0	
mORF_+_3726051	3726051	3726458	+	3	408	TTG	TAA	1	3	pORF_+_3726051
mORF_+_3726067	3726067	3726150	+	1	84	ATG	TAA	0	0	
mORF_+_3726107	3726107	3726169	+	2	63	TTG	TGA	0	0	
mORF_+_3726265	3726265	3726285	+	1	21	ATG	TAA	0	0	
mORF_+_3726319	3726319	3726333	+	1	15	TTG	TGA	0	0	
mORF_+_3726373	3726373	3726402	+	1	30	TTG	TAA	0	0	
mORF_+_3726377	3726377	3726610	+	2	234	GTG	TGA	1	7	pORF_+_3726377
mORF_+_3726469	3726469	3726621	+	1	153	TTG	TAG	0	0	
mORF_+_3726537	3726537	3726554	+	3	18	ATG	TAG	0	0	
mORF_+_3726558	3726558	3726596	+	3	39	ATG	TAA	0	0	
mORF_+_3726647	3726647	3726658	+	2	12	TTG	TAG	0	0	
mORF_+_3726694	3726694	3726933	+	1	240	TTG	TAA	0	0	

mORF_+_3726791	3726791	3726835	+	2	45	ATG	TGA	0	0	
mORF_+_3726854	3726854	3727006	+	2	153	TTG	TAG	0	0	
mORF_+_3726952	3726952	3726963	+	1	12	TTG	TGA	0	0	
mORF_+_3726960	3726960	3726998	+	3	39	TTG	TAG	0	0	
mORF_+_3727033	3727033	3727140	+	1	108	TTG	TGA	0	0	
mORF_+_3727053	3727053	3727127	+	3	75	TTG	TAA	0	0	
mORF_+_3727134	3727134	3727484	+	3	351	TTG	TAA	0	0	
mORF_+_3727154	3727154	3727192	+	2	39	TTG	TAA	0	0	
mORF_+_3727229	3727229	3727345	+	2	117	TTG	TGA	0	0	
mORF_+_3727342	3727342	3727410	+	1	69	TTG	TAA	0	0	
mORF_+_3727415	3727415	3727462	+	2	48	ATG	TAG	0	0	
mORF_+_3727484	3727484	3727567	+	2	84	ATG	TAA	0	0	
mORF_+_3727560	3727560	3727631	+	3	72	TTG	TAA	0	0	
mORF_+_3727576	3727576	3727797	+	1	222	GTG	TGA	0	0	
mORF_+_3727583	3727583	3728197	+	2	615	TTG	TAA	0	0	
mORF_+_3727641	3727641	3727724	+	3	84	ATG	TGA	0	0	
mORF_+_3727767	3727767	3727949	+	3	183	TTG	TGA	0	0	
mORF_+_3727989	3727989	3728039	+	3	51	ATG	TAG	0	0	
mORF_+_3728070	3728070	3728180	+	3	111	TTG	TGA	0	0	
mORF_+_3728255	3728255	3728455	+	2	201	ATG	TAA	0	0	
mORF_+_3728260	3728260	3728277	+	1	18	TTG	TAA	0	0	
mORF_+_3728287	3728287	3728301	+	1	15	TTG	TGA	0	0	
mORF_+_3728350	3728350	3728355	+	1	6	TTG	TAA	0	0	
mORF_+_3728361	3728361	3728498	+	3	138	TTG	TAA	0	0	
mORF_+_3728486	3728486	3728512	+	2	27	GTG	TAA	0	0	
mORF_+_3728500	3728500	3728595	+	1	96	ATG	TAA	0	0	
mORF_+_3728514	3728514	3728648	+	3	135	TTG	TAG	0	0	
mORF_+_3728516	3728516	3728725	+	2	210	GTG	TAA	0	0	
mORF_+_3728706	3728706	3728711	+	3	6	TTG	TAG	0	0	
mORF_+_3728719	3728719	3728793	+	1	75	ATG	TGA	0	0	
mORF_+_3728783	3728783	3728890	+	2	108	TTG	TGA	0	0	
mORF_+_3728790	3728790	3728810	+	3	21	TTG	TAA	0	0	
mORF_+_3728826	3728826	3728837	+	3	12	ATG	TAA	0	0	
mORF_+_3728868	3728868	3728948	+	3	81	ATG	TAA	0	0	
mORF_+_3728887	3728887	3728895	+	1	9	TTG	TAA	0	0	
mORF_+_3728903	3728903	3728935	+	2	33	GTG	TGA	0	0	
mORF_+_3728905	3728905	3728925	+	1	21	GTG	TAA	0	0	
mORF_+_3728932	3728932	3728973	+	1	42	ATG	TAA	0	0	
mORF_+_3728980	3728980	3729036	+	1	57	TTG	TAA	0	0	
mORF_+_3729058	3729058	3729075	+	1	18	TTG	TAG	0	0	
mORF_+_3729076	3729076	3730146	+	1	1071	TTG	TAA	6	22	pORF_+_3729076
mORF_+_3729086	3729086	3729121	+	2	36	TTG	TAA	0	0	
mORF_+_3729108	3729108	3729134	+	3	27	TTG	TAA	0	0	
mORF_+_3729183	3729183	3729251	+	3	69	TTG	TGA	0	0	
mORF_+_3729209	3729209	3729238	+	2	30	TTG	TAG	0	0	
mORF_+_3729248	3729248	3729298	+	2	51	TTG	TGA	0	0	
mORF_+_3729329	3729329	3729385	+	2	57	TTG	TGA	0	0	
mORF_+_3729395	3729395	3729439	+	2	45	GTG	TAA	0	0	
mORF_+_3729446	3729446	3729451	+	2	6	TTG	TAA	0	0	
mORF_+_3729506	3729506	3729607	+	2	102	ATG	TGA	0	0	
mORF_+_3729680	3729680	3729748	+	2	69	TTG	TGA	0	0	
mORF_+_3729714	3729714	3729722	+	3	9	ATG	TGA	0	0	
mORF_+_3729788	3729788	3729799	+	2	12	TTG	TAG	0	0	
mORF_+_3729800	3729800	3729844	+	2	45	TTG	TAA	0	0	
mORF_+_3729887	3729887	3729937	+	2	51	ATG	TGA	0	0	
mORF_+_3729983	3729983	3730033	+	2	51	TTG	TGA	0	0	
mORF_+_3730037	3730037	3730045	+	2	9	ATG	TGA	0	0	
mORF_+_3730049	3730049	3730069	+	2	21	ATG	TGA	0	0	
mORF_+_3730079	3730079	3730084	+	2	6	ATG	TGA	0	0	
mORF_+_3730175	3730175	3730198	+	2	24	GTG	TGA	0	0	
mORF_+_3730188	3730188	3730202	+	3	15	ATG	TGA	0	0	
mORF_+_3730195	3730195	3730212	+	1	18	GTG	TAG	0	0	
mORF_+_3730199	3730199	3730240	+	2	42	ATG	TGA	0	0	

mORF_+_3730213	3730213	3730245	+	1	33	GTG	TGA	0	0
mORF_+_3730224	3730224	3731765	+	3	1542	ATG	TGA	0	0
mORF_+_3730270	3730270	3730275	+	1	6	GTG	TGA	0	0
mORF_+_3730282	3730282	3730305	+	1	24	TTG	TGA	0	0
mORF_+_3730306	3730306	3730362	+	1	57	ATG	TGA	0	0
mORF_+_3730328	3730328	3730351	+	2	24	TTG	TAA	0	0
mORF_+_3730373	3730373	3730540	+	2	168	GTG	TAA	0	0
mORF_+_3730375	3730375	3730503	+	1	129	GTG	TGA	0	0
mORF_+_3730555	3730555	3730578	+	1	24	ATG	TGA	0	0
mORF_+_3730642	3730642	3730653	+	1	12	TTG	TAG	0	0
mORF_+_3730657	3730657	3730716	+	1	60	TTG	TAA	0	0
mORF_+_3730723	3730723	3730743	+	1	21	ATG	TAA	0	0
mORF_+_3730859	3730859	3730897	+	2	39	TTG	TGA	0	0
mORF_+_3730885	3730885	3730911	+	1	27	TTG	TGA	0	0
mORF_+_3730912	3730912	3730935	+	1	24	GTG	TGA	0	0
mORF_+_3730969	3730969	3731016	+	1	48	ATG	TGA	0	0
mORF_+_3731021	3731021	3731035	+	2	15	ATG	TAA	0	0
mORF_+_3731056	3731056	3731076	+	1	21	ATG	TGA	0	0
mORF_+_3731080	3731080	3731202	+	1	123	GTG	TAG	0	0
mORF_+_3731138	3731138	3731188	+	2	51	GTG	TGA	0	0
mORF_+_3731239	3731239	3731286	+	1	48	TTG	TAA	0	0
mORF_+_3731293	3731293	3731442	+	1	150	TTG	TGA	0	0
mORF_+_3731372	3731372	3731407	+	2	36	ATG	TAA	0	0
mORF_+_3731509	3731509	3731565	+	1	57	TTG	TAA	0	0
mORF_+_3731590	3731590	3731655	+	1	66	TTG	TGA	0	0
mORF_+_3731659	3731659	3731673	+	1	15	ATG	TAA	0	0
mORF_+_3731743	3731743	3732924	+	1	1182	ATG	TGA	0	0
mORF_+_3731792	3731792	3731809	+	2	18	GTG	TGA	0	0
mORF_+_3731840	3731840	3731899	+	2	60	TTG	TAA	0	0
mORF_+_3732026	3732026	3732058	+	2	33	GTG	TAG	0	0
mORF_+_3732042	3732042	3732047	+	3	6	TTG	TGA	0	0
mORF_+_3732083	3732083	3732088	+	2	6	TTG	TGA	0	0
mORF_+_3732113	3732113	3732313	+	2	201	GTG	TAA	0	0
mORF_+_3732126	3732126	3732146	+	3	21	ATG	TAA	0	0
mORF_+_3732320	3732320	3732394	+	2	75	TTG	TAG	0	0
mORF_+_3732327	3732327	3732452	+	3	126	TTG	TGA	0	0
mORF_+_3732449	3732449	3732487	+	2	39	ATG	TGA	0	0
mORF_+_3732533	3732533	3732637	+	2	105	TTG	TAA	0	0
mORF_+_3732674	3732674	3732736	+	2	63	TTG	TGA	0	0
mORF_+_3732729	3732729	3732818	+	3	90	ATG	TAA	0	0
mORF_+_3732737	3732737	3732787	+	2	51	TTG	TAA	0	0
mORF_+_3732836	3732836	3733012	+	2	177	ATG	TAA	0	0
mORF_+_3732891	3732891	3732971	+	3	81	ATG	TGA	0	0
mORF_+_3732976	3732976	3733068	+	1	93	TTG	TAG	0	0
mORF_+_3733002	3733002	3734180	+	3	1179	ATG	TAG	0	0
mORF_+_3733109	3733109	3733126	+	2	18	ATG	TGA	0	0
mORF_+_3733123	3733123	3733170	+	1	48	TTG	TAG	0	0
mORF_+_3733174	3733174	3733344	+	1	171	ATG	TAA	0	0
mORF_+_3733366	3733366	3733482	+	1	117	TTG	TAG	0	0
mORF_+_3733403	3733403	3733414	+	2	12	TTG	TGA	0	0
mORF_+_3733564	3733564	3733647	+	1	84	TTG	TGA	0	0
mORF_+_3733604	3733604	3733609	+	2	6	ATG	TGA	0	0
mORF_+_3733640	3733640	3733660	+	2	21	ATG	TAA	0	0
mORF_+_3733648	3733648	3733671	+	1	24	TTG	TGA	0	0
mORF_+_3733687	3733687	3733764	+	1	78	GTG	TAG	0	0
mORF_+_3733816	3733816	3733848	+	1	33	TTG	TGA	0	0
mORF_+_3733927	3733927	3734001	+	1	75	ATG	TGA	0	0
mORF_+_3734005	3734005	3734040	+	1	36	ATG	TGA	0	0
mORF_+_3734062	3734062	3734160	+	1	99	ATG	TAA	0	0
mORF_+_3734078	3734078	3734119	+	2	42	GTG	TAA	0	0
mORF_+_3734183	3734183	3734242	+	2	60	ATG	TGA	0	0
mORF_+_3734193	3734193	3734273	+	3	81	TTG	TGA	0	0
mORF_+_3734221	3734221	3734328	+	1	108	GTG	TAA	0	0

mORF_+_3734270	3734270	3734305	+	2	36	ATG	TAG	0	0	
mORF_+_3734370	3734370	3734396	+	3	27	ATG	TAA	0	0	
mORF_+_3734400	3734400	3734612	+	3	213	TTG	TGA	0	0	
mORF_+_3734417	3734417	3734569	+	2	153	TTG	TAG	0	0	
mORF_+_3734431	3734431	3734439	+	1	9	TTG	TAA	0	0	
mORF_+_3734449	3734449	3734460	+	1	12	TTG	TAG	0	0	
mORF_+_3734470	3734470	3734475	+	1	6	TTG	TGA	0	0	
mORF_+_3734485	3734485	3734502	+	1	18	GTG	TGA	0	0	
mORF_+_3734569	3734569	3734577	+	1	9	GTG	TAG	0	0	
mORF_+_3734593	3734593	3734826	+	1	234	TTG	TAG	0	0	
mORF_+_3734609	3734609	3734758	+	2	150	GTG	TAA	0	0	
mORF_+_3734830	3734830	3734880	+	1	51	TTG	TGA	0	0	
mORF_+_3734864	3734864	3734896	+	2	33	GTG	TGA	0	0	
mORF_+_3734871	3734871	3734891	+	3	21	TTG	TGA	0	0	
mORF_+_3734893	3734893	3734943	+	1	51	ATG	TAA	0	0	
mORF_+_3734928	3734928	3735014	+	3	87	TTG	TGA	0	0	
mORF_+_3734975	3734975	3735073	+	2	99	TTG	TAG	0	0	
mORF_+_3735031	3735031	3735096	+	1	66	TTG	TGA	0	0	
mORF_+_3735045	3735045	3735083	+	3	39	TTG	TAA	0	0	
mORF_+_3735084	3735084	3735125	+	3	42	GTG	TAA	0	0	
mORF_+_3735104	3735104	3735151	+	2	48	TTG	TGA	0	0	
mORF_+_3735109	3735109	3735222	+	1	114	GTG	TAA	0	0	
mORF_+_3735253	3735253	3735492	+	1	240	TTG	TGA	0	0	
mORF_+_3735260	3735260	3735286	+	2	27	TTG	TAG	0	0	
mORF_+_3735327	3735327	3735359	+	3	33	ATG	TAA	0	0	
mORF_+_3735350	3735350	3735523	+	2	174	TTG	TGA	0	0	
mORF_+_3735372	3735372	3735458	+	3	87	GTG	TGA	0	0	
mORF_+_3735462	3735462	3735506	+	3	45	TTG	TAA	0	0	
mORF_+_3735520	3735520	3737550	+	1	2031	ATG	TAA	0	0	
mORF_+_3735566	3735566	3735667	+	2	102	TTG	TAA	0	0	
mORF_+_3735677	3735677	3735712	+	2	36	TTG	TAA	0	0	
mORF_+_3735687	3735687	3735746	+	3	60	GTG	TAG	0	0	
mORF_+_3735762	3735762	3735878	+	3	117	ATG	TGA	0	0	
mORF_+_3735875	3735875	3735979	+	2	105	GTG	TAG	0	0	
mORF_+_3735879	3735879	3736055	+	3	177	ATG	TGA	0	0	
mORF_+_3736097	3736097	3736105	+	2	9	TTG	TGA	0	0	
mORF_+_3736136	3736136	3736213	+	2	78	ATG	TGA	0	0	
mORF_+_3736250	3736250	3736264	+	2	15	ATG	TAA	0	0	
mORF_+_3736257	3736257	3736277	+	3	21	ATG	TGA	0	0	
mORF_+_3736274	3736274	3736456	+	2	183	TTG	TGA	0	0	
mORF_+_3736472	3736472	3736537	+	2	66	ATG	TGA	0	0	
mORF_+_3736550	3736550	3736723	+	2	174	GTG	TAG	0	0	
mORF_+_3736644	3736644	3736784	+	3	141	ATG	TAA	0	0	
mORF_+_3736814	3736814	3736843	+	2	30	TTG	TAA	0	0	
mORF_+_3736860	3736860	3736883	+	3	24	GTG	TGA	0	0	
mORF_+_3736874	3736874	3736939	+	2	66	ATG	TGA	0	0	
mORF_+_3736968	3736968	3736982	+	3	15	ATG	TAA	0	0	
mORF_+_3737000	3737000	3737020	+	2	21	ATG	TGA	0	0	
mORF_+_3737024	3737024	3737047	+	2	24	GTG	TGA	0	0	
mORF_+_3737054	3737054	3737086	+	2	33	GTG	TGA	0	0	
mORF_+_3737210	3737210	3737266	+	2	57	ATG	TAG	0	0	
mORF_+_3737291	3737291	3737362	+	2	72	ATG	TGA	0	0	
mORF_+_3737372	3737372	3737479	+	2	108	ATG	TGA	0	0	
mORF_+_3737495	3737495	3737602	+	2	108	TTG	TAA	0	0	
mORF_+_3737604	3737604	3737633	+	3	30	ATG	TAA	0	0	
mORF_+_3737623	3737623	3738981	+	1	1359	TTG	TAA	13	68	pORF_+_3737623
mORF_+_3737676	3737676	3737681	+	3	6	ATG	TAG	0	0	
mORF_+_3737687	3737687	3737731	+	2	45	TTG	TGA	0	0	
mORF_+_3737744	3737744	3737785	+	2	42	TTG	TGA	0	0	
mORF_+_3737906	3737906	3738034	+	2	129	GTG	TAA	0	0	
mORF_+_3737928	3737928	3737933	+	3	6	GTG	TAA	0	0	
mORF_+_3738003	3738003	3738071	+	3	69	TTG	TAA	0	0	
mORF_+_3738077	3738077	3738274	+	2	198	TTG	TGA	0	0	

mORF_+_3738276	3738276	3738320	+	3	45	TTG	TGA	0	0
mORF_+_3738308	3738308	3738313	+	2	6	ATG	TGA	0	0
mORF_+_3738338	3738338	3738376	+	2	39	TTG	TGA	0	0
mORF_+_3738377	3738377	3738463	+	2	87	TTG	TGA	0	0
mORF_+_3738435	3738435	3738518	+	3	84	ATG	TGA	0	0
mORF_+_3738515	3738515	3738547	+	2	33	ATG	TGA	0	0
mORF_+_3738578	3738578	3738592	+	2	15	TTG	TGA	0	0
mORF_+_3738594	3738594	3738599	+	3	6	GTG	TGA	0	0
mORF_+_3738596	3738596	3738604	+	2	9	GTG	TGA	0	0
mORF_+_3738665	3738665	3738721	+	2	57	GTG	TGA	0	0
mORF_+_3738756	3738756	3738764	+	3	9	ATG	TAA	0	0
mORF_+_3738864	3738864	3738923	+	3	60	GTG	TGA	0	0
mORF_+_3738920	3738920	3738934	+	2	15	TTG	TGA	0	0
mORF_+_3738985	3738985	3739113	+	1	129	TTG	TGA	0	0
mORF_+_3738992	3738992	3739036	+	2	45	ATG	TGA	0	0
mORF_+_3739049	3739049	3739054	+	2	6	TTG	TAG	0	0
mORF_+_3739110	3739110	3739259	+	3	150	TTG	TAA	0	0
mORF_+_3739156	3739156	3739500	+	1	345	ATG	TGA	0	0
mORF_+_3739181	3739181	3739429	+	2	249	ATG	TGA	0	0
mORF_+_3739344	3739344	3739466	+	3	123	GTG	TAA	0	0
mORF_+_3739445	3739445	3739519	+	2	75	GTG	TGA	0	0
mORF_+_3739497	3739497	3739592	+	3	96	GTG	TAA	0	0
mORF_+_3739525	3739525	3739683	+	1	159	ATG	TAA	0	0
mORF_+_3739604	3739604	3739624	+	2	21	ATG	TAA	0	0
mORF_+_3739634	3739634	3739663	+	2	30	GTG	TGA	0	0
mORF_+_3739677	3739677	3739823	+	3	147	ATG	TGA	0	0
mORF_+_3739688	3739688	3739714	+	2	27	TTG	TGA	0	0
mORF_+_3739711	3739711	3739866	+	1	156	GTG	TGA	0	0
mORF_+_3739781	3739781	3739984	+	2	204	GTG	TAA	0	0
mORF_+_3739863	3739863	3740000	+	3	138	ATG	TAA	0	0
mORF_+_3739945	3739945	3740019	+	1	75	ATG	TGA	0	0
mORF_+_3740013	3740013	3740036	+	3	24	ATG	TGA	0	0
mORF_+_3740033	3740033	3740170	+	2	138	ATG	TAG	0	0
mORF_+_3740052	3740052	3740360	+	3	309	GTG	TAA	0	0
mORF_+_3740065	3740065	3740070	+	1	6	ATG	TAG	0	0
mORF_+_3740074	3740074	3740094	+	1	21	TTG	TAG	0	0
mORF_+_3740143	3740143	3740160	+	1	18	GTG	TAA	0	0
mORF_+_3740200	3740200	3740253	+	1	54	ATG	TGA	0	0
mORF_+_3740225	3740225	3740257	+	2	33	GTG	TGA	0	0
mORF_+_3740254	3740254	3740316	+	1	63	ATG	TAA	0	0
mORF_+_3740335	3740335	3740346	+	1	12	GTG	TAG	0	0
mORF_+_3740376	3740376	3740396	+	3	21	ATG	TAA	0	0
mORF_+_3740415	3740415	3740570	+	3	156	ATG	TGA	0	0
mORF_+_3740435	3740435	3740593	+	2	159	TTG	TAG	0	0
mORF_+_3740443	3740443	3740613	+	1	171	TTG	TAA	0	0
mORF_+_3740583	3740583	3740678	+	3	96	GTG	TGA	0	0
mORF_+_3740641	3740641	3740691	+	1	51	TTG	TGA	0	0
mORF_+_3740660	3740660	3740671	+	2	12	TTG	TAA	0	0
mORF_+_3740675	3740675	3740719	+	2	45	GTG	TAA	0	0
mORF_+_3740688	3740688	3740711	+	3	24	TTG	TGA	0	0
mORF_+_3740756	3740756	3741754	+	2	999	ATG	TGA	0	0
mORF_+_3740769	3740769	3740780	+	3	12	TTG	TAA	0	0
mORF_+_3740817	3740817	3740966	+	3	150	TTG	TAA	0	0
mORF_+_3740982	3740982	3741020	+	3	39	TTG	TGA	0	0
mORF_+_3740989	3740989	3741015	+	1	27	GTG	TAA	0	0
mORF_+_3741048	3741048	3741185	+	3	138	TTG	TAA	0	0
mORF_+_3741160	3741160	3741225	+	1	66	TTG	TAA	0	0
mORF_+_3741342	3741342	3741371	+	3	30	ATG	TGA	0	0
mORF_+_3741447	3741447	3741461	+	3	15	TTG	TGA	0	0
mORF_+_3741492	3741492	3741821	+	3	330	TTG	TGA	0	0
mORF_+_3741730	3741730	3741762	+	1	33	GTG	TAA	0	0
mORF_+_3741766	3741766	3742233	+	1	468	ATG	TAA	0	0
mORF_+_3741773	3741773	3741922	+	2	150	TTG	TAA	0	0

mORF_+_3741990	3741990	3742022	+	3	33	GTG	TGA	0	0	
mORF_+_3742013	3742013	3742057	+	2	45	TTG	TAG	0	0	
mORF_+_3742088	3742088	3742108	+	2	21	GTG	TAG	0	0	
mORF_+_3742148	3742148	3742219	+	2	72	ATG	TAA	0	0	
mORF_+_3742164	3742164	3742187	+	3	24	TTG	TGA	0	0	
mORF_+_3742267	3742267	3742281	+	1	15	ATG	TAA	0	0	
mORF_+_3742300	3742300	3742326	+	1	27	TTG	TGA	0	0	
mORF_+_3742316	3742316	3742348	+	2	33	TTG	TAG	0	0	
mORF_+_3742323	3742323	3742385	+	3	63	ATG	TAA	0	0	
mORF_+_3742351	3742351	3742824	+	1	474	ATG	TAA	0	0	
mORF_+_3742406	3742406	3742417	+	2	12	TTG	TAA	0	0	
mORF_+_3742433	3742433	3742495	+	2	63	ATG	TAA	0	0	
mORF_+_3742502	3742502	3742516	+	2	15	TTG	TAG	0	0	
mORF_+_3742575	3742575	3742757	+	3	183	ATG	TGA	0	0	
mORF_+_3742625	3742625	3742654	+	2	30	GTG	TAA	0	0	
mORF_+_3742715	3742715	3742801	+	2	87	ATG	TAA	0	0	
mORF_+_3742827	3742827	3744104	+	3	1278	ATG	TAA	0	0	
mORF_+_3742861	3742861	3742920	+	1	60	GTG	TAA	0	0	
mORF_+_3742904	3742904	3742942	+	2	39	GTG	TGA	0	0	
mORF_+_3742939	3742939	3742971	+	1	33	TTG	TGA	0	0	
mORF_+_3743011	3743011	3743034	+	1	24	TTG	TGA	0	0	
mORF_+_3743035	3743035	3743076	+	1	42	ATG	TGA	0	0	
mORF_+_3743161	3743161	3743202	+	1	42	TTG	TGA	0	0	
mORF_+_3743245	3743245	3743364	+	1	120	TTG	TGA	0	0	
mORF_+_3743393	3743393	3743416	+	2	24	GTG	TAA	0	0	
mORF_+_3743464	3743464	3743604	+	1	141	TTG	TGA	0	0	
mORF_+_3743618	3743618	3743713	+	2	96	TTG	TGA	0	0	
mORF_+_3743623	3743623	3743700	+	1	78	ATG	TGA	0	0	
mORF_+_3743707	3743707	3743724	+	1	18	TTG	TGA	0	0	
mORF_+_3743800	3743800	3743823	+	1	24	TTG	TAA	0	0	
mORF_+_3743899	3743899	3743934	+	1	36	GTG	TAA	0	0	
mORF_+_3743953	3743953	3744048	+	1	96	ATG	TAG	0	0	
mORF_+_3744055	3744055	3744090	+	1	36	TTG	TGA	0	0	
mORF_+_3744092	3744092	3744100	+	2	9	ATG	TAA	0	0	
mORF_+_3744117	3744117	3745103	+	3	987	ATG	TAA	2	6	pORF_+_3744117
mORF_+_3744151	3744151	3744294	+	1	144	TTG	TGA	0	0	
mORF_+_3744355	3744355	3744417	+	1	63	GTG	TGA	0	0	
mORF_+_3744427	3744427	3744501	+	1	75	TTG	TGA	0	0	
mORF_+_3744511	3744511	3744528	+	1	18	TTG	TGA	0	0	
mORF_+_3744562	3744562	3744606	+	1	45	ATG	TGA	0	0	
mORF_+_3744664	3744664	3744801	+	1	138	TTG	TGA	0	0	
mORF_+_3744850	3744850	3744861	+	1	12	TTG	TAA	0	0	
mORF_+_3744928	3744928	3744963	+	1	36	TTG	TGA	0	0	
mORF_+_3745045	3745045	3745080	+	1	36	TTG	TGA	0	0	
mORF_+_3745090	3745090	3745110	+	1	21	ATG	TGA	0	0	
mORF_+_3745107	3745107	3746603	+	3	1497	ATG	TGA	0	0	
mORF_+_3745133	3745133	3745144	+	2	12	TTG	TAG	0	0	
mORF_+_3745135	3745135	3745152	+	1	18	GTG	TGA	0	0	
mORF_+_3745165	3745165	3745218	+	1	54	ATG	TAA	0	0	
mORF_+_3745208	3745208	3745312	+	2	105	GTG	TAG	0	0	
mORF_+_3745306	3745306	3745482	+	1	177	GTG	TGA	0	0	
mORF_+_3745496	3745496	3745627	+	2	132	GTG	TGA	0	0	
mORF_+_3745564	3745564	3745575	+	1	12	TTG	TGA	0	0	
mORF_+_3745624	3745624	3745665	+	1	42	GTG	TGA	0	0	
mORF_+_3745669	3745669	3745791	+	1	123	TTG	TGA	0	0	
mORF_+_3745685	3745685	3745714	+	2	30	GTG	TGA	0	0	
mORF_+_3745816	3745816	3745893	+	1	78	TTG	TGA	0	0	
mORF_+_3745936	3745936	3746163	+	1	228	GTG	TGA	0	0	
mORF_+_3746033	3746033	3746068	+	2	36	ATG	TGA	0	0	
mORF_+_3746167	3746167	3746250	+	1	84	GTG	TGA	0	0	
mORF_+_3746284	3746284	3746505	+	1	222	ATG	TGA	0	0	
mORF_+_3746554	3746554	3746646	+	1	93	TTG	TGA	0	0	
mORF_+_3746600	3746600	3747262	+	2	663	ATG	TAA	1	2	pORF_+_3746600

mORF_+_3746643	3746643	3746666	+	3	24	TTG	TGA	0	0	
mORF_+_3746730	3746730	3746741	+	3	12	TTG	TGA	0	0	
mORF_+_3746758	3746758	3746784	+	1	27	GTG	TGA	0	0	
mORF_+_3746778	3746778	3746852	+	3	75	TTG	TGA	0	0	
mORF_+_3746919	3746919	3746933	+	3	15	GTG	TAG	0	0	
mORF_+_3746982	3746982	3747068	+	3	87	TTG	TGA	0	0	
mORF_+_3747040	3747040	3747093	+	1	54	GTG	TGA	0	0	
mORF_+_3747090	3747090	3747155	+	3	66	TTG	TGA	0	0	
mORF_+_3747165	3747165	3748115	+	3	951	TTG	TAG	0	0	
mORF_+_3747280	3747280	3747441	+	1	162	ATG	TGA	0	0	
mORF_+_3747451	3747451	3747546	+	1	96	GTG	TGA	0	0	
mORF_+_3747470	3747470	3747505	+	2	36	GTG	TAG	0	0	
mORF_+_3747604	3747604	3747699	+	1	96	ATG	TAA	1	5	pORF_+_3747604
mORF_+_3747665	3747665	3747832	+	2	168	GTG	TGA	0	0	
mORF_+_3747829	3747829	3747849	+	1	21	ATG	TGA	0	0	
mORF_+_3747859	3747859	3747885	+	1	27	TTG	TGA	0	0	
mORF_+_3747940	3747940	3747993	+	1	54	TTG	TGA	0	0	
mORF_+_3748015	3748015	3748287	+	1	273	TTG	TGA	0	0	
mORF_+_3748022	3748022	3748081	+	2	60	GTG	TGA	0	0	
mORF_+_3748109	3748109	3748804	+	2	696	ATG	TAA	0	0	
mORF_+_3748191	3748191	3748205	+	3	15	ATG	TAG	0	0	
mORF_+_3748284	3748284	3748292	+	3	9	TTG	TAG	0	0	
mORF_+_3748368	3748368	3748505	+	3	138	ATG	TGA	0	0	
mORF_+_3748530	3748530	3748553	+	3	24	ATG	TGA	0	0	
mORF_+_3748557	3748557	3748673	+	3	117	TTG	TAG	0	0	
mORF_+_3748633	3748633	3748641	+	1	9	ATG	TAA	0	0	
mORF_+_3748684	3748684	3748758	+	1	75	ATG	TAA	0	0	
mORF_+_3748716	3748716	3748889	+	3	174	TTG	TAA	0	0	
mORF_+_3748843	3748843	3748863	+	1	21	TTG	TAA	0	0	
mORF_+_3748896	3748896	3749369	+	3	474	ATG	TGA	0	0	
mORF_+_3748943	3748943	3748981	+	2	39	TTG	TAA	0	0	
mORF_+_3748999	3748999	3749052	+	1	54	ATG	TGA	0	0	
mORF_+_3749074	3749074	3749154	+	1	81	ATG	TAA	0	0	
mORF_+_3749105	3749105	3749149	+	2	45	GTG	TGA	0	0	
mORF_+_3749173	3749173	3749307	+	1	135	GTG	TAG	1	2	pORF_+_3749173
mORF_+_3749288	3749288	3749302	+	2	15	TTG	TGA	0	0	
mORF_+_3749336	3749336	3749392	+	2	57	TTG	TGA	0	0	
mORF_+_3749371	3749371	3749379	+	1	9	ATG	TAG	0	0	
mORF_+_3749426	3749426	3749572	+	2	147	GTG	TAG	0	0	
mORF_+_3749455	3749455	3749550	+	1	96	TTG	TGA	0	0	
mORF_+_3749457	3749457	3749471	+	3	15	GTG	TAG	0	0	
mORF_+_3749544	3749544	3749702	+	3	159	GTG	TAA	0	0	
mORF_+_3749602	3749602	3749610	+	1	9	ATG	TAA	0	0	
mORF_+_3749651	3749651	3749665	+	2	15	ATG	TAA	0	0	
mORF_+_3749704	3749704	3749712	+	1	9	GTG	TGA	0	0	
mORF_+_3749753	3749753	3749848	+	2	96	TTG	TAA	0	0	
mORF_+_3749815	3749815	3749910	+	1	96	ATG	TAA	0	0	
mORF_+_3749939	3749939	3749989	+	2	51	ATG	TAA	0	0	
mORF_+_3750002	3750002	3750034	+	2	33	TTG	TAA	0	0	
mORF_+_3750010	3750010	3750018	+	1	9	TTG	TGA	0	0	
mORF_+_3750015	3750015	3750989	+	3	975	ATG	TAA	0	0	
mORF_+_3750073	3750073	3750165	+	1	93	GTG	TAA	0	0	
mORF_+_3750172	3750172	3750195	+	1	24	TTG	TGA	0	0	
mORF_+_3750208	3750208	3750333	+	1	126	TTG	TAA	0	0	
mORF_+_3750352	3750352	3750357	+	1	6	ATG	TAA	0	0	
mORF_+_3750379	3750379	3750399	+	1	21	GTG	TAA	0	0	
mORF_+_3750412	3750412	3750468	+	1	57	TTG	TAA	0	0	
mORF_+_3750455	3750455	3750460	+	2	6	TTG	TGA	0	0	
mORF_+_3750490	3750490	3750531	+	1	42	ATG	TAA	0	0	
mORF_+_3750538	3750538	3750612	+	1	75	ATG	TGA	0	0	
mORF_+_3750707	3750707	3750835	+	2	129	TTG	TGA	0	0	
mORF_+_3750757	3750757	3751062	+	1	306	TTG	TGA	0	0	
mORF_+_3750836	3750836	3750868	+	2	33	ATG	TAA	0	0	

mORF_+_3750989	3750989	3751030	+	2	42	ATG	TAA	0	0
mORF_+_3751023	3751023	3751067	+	3	45	ATG	TGA	0	0
mORF_+_3751055	3751055	3751108	+	2	54	ATG	TAA	0	0
mORF_+_3751122	3751122	3751205	+	3	84	GTG	TGA	0	0
mORF_+_3751124	3751124	3751162	+	2	39	GTG	TGA	0	0
mORF_+_3751233	3751233	3751328	+	3	96	ATG	TGA	0	0
mORF_+_3751346	3751346	3751387	+	2	42	TTG	TAG	0	0
mORF_+_3751483	3751483	3751698	+	1	216	TTG	TAG	0	0
mORF_+_3751517	3751517	3751585	+	2	69	TTG	TGA	0	0
mORF_+_3751616	3751616	3751645	+	2	30	TTG	TGA	0	0
mORF_+_3751713	3751713	3751730	+	3	18	GTG	TGA	0	0
mORF_+_3751720	3751720	3751791	+	1	72	TTG	TAA	0	0
mORF_+_3751778	3751778	3751852	+	2	75	ATG	TAG	0	0
mORF_+_3751918	3751918	3751935	+	1	18	GTG	TAG	0	0
mORF_+_3751949	3751949	3751987	+	2	39	TTG	TAA	0	0
mORF_+_3752031	3752031	3752099	+	3	69	GTG	TAG	0	0
mORF_+_3752077	3752077	3752109	+	1	33	TTG	TAA	0	0
mORF_+_3752147	3752147	3752248	+	2	102	TTG	TAA	0	0
mORF_+_3752188	3752188	3752208	+	1	21	TTG	TGA	0	0
mORF_+_3752205	3752205	3752282	+	3	78	ATG	TAA	0	0
mORF_+_3752212	3752212	3752289	+	1	78	ATG	TAA	0	0
mORF_+_3752252	3752252	3752320	+	2	69	GTG	TGA	0	0
mORF_+_3752317	3752317	3752379	+	1	63	ATG	TAA	0	0
mORF_+_3752321	3752321	3752335	+	2	15	ATG	TGA	0	0
mORF_+_3752351	3752351	3752365	+	2	15	TTG	TAG	0	0
mORF_+_3752384	3752384	3752395	+	2	12	ATG	TAG	0	0
mORF_+_3752430	3752430	3752471	+	3	42	GTG	TAA	0	0
mORF_+_3752494	3752494	3752613	+	1	120	ATG	TAG	0	0
mORF_+_3752499	3752499	3752507	+	3	9	ATG	TGA	0	0
mORF_+_3752504	3752504	3752608	+	2	105	ATG	TGA	0	0
mORF_+_3752565	3752565	3752777	+	3	213	ATG	TAA	0	0
mORF_+_3752710	3752710	3752733	+	1	24	TTG	TGA	0	0
mORF_+_3752814	3752814	3752822	+	3	9	TTG	TAG	0	0
mORF_+_3752832	3752832	3752843	+	3	12	TTG	TAG	0	0
mORF_+_3752858	3752858	3752863	+	2	6	TTG	TAA	0	0
mORF_+_3752868	3752868	3752969	+	3	102	GTG	TGA	0	0
mORF_+_3752875	3752875	3753279	+	1	405	TTG	TGA	0	0
mORF_+_3752888	3752888	3752932	+	2	45	ATG	TAG	0	0
mORF_+_3752966	3752966	3753097	+	2	132	ATG	TGA	0	0
mORF_+_3753042	3753042	3753056	+	3	15	TTG	TAA	0	0
mORF_+_3753072	3753072	3753107	+	3	36	TTG	TAG	0	0
mORF_+_3753098	3753098	3753595	+	2	498	TTG	TAA	0	0
mORF_+_3753147	3753147	3753191	+	3	45	TTG	TAG	0	0
mORF_+_3753204	3753204	3753341	+	3	138	TTG	TGA	0	0
mORF_+_3753399	3753399	3753455	+	3	57	TTG	TAG	0	0
mORF_+_3753456	3753456	3753482	+	3	27	TTG	TGA	0	0
mORF_+_3753534	3753534	3753578	+	3	45	ATG	TAG	0	0
mORF_+_3753612	3753612	3754070	+	3	459	GTG	TGA	0	0
mORF_+_3753643	3753643	3753750	+	1	108	GTG	TAA	0	0
mORF_+_3753755	3753755	3753796	+	2	42	TTG	TGA	0	0
mORF_+_3753760	3753760	3753774	+	1	15	TTG	TAA	0	0
mORF_+_3753793	3753793	3753804	+	1	12	TTG	TAA	0	0
mORF_+_3753946	3753946	3754035	+	1	90	GTG	TAA	0	0
mORF_+_3754061	3754061	3754225	+	2	165	ATG	TAA	0	0
mORF_+_3754188	3754188	3754412	+	3	225	ATG	TAA	0	0
mORF_+_3754238	3754238	3754474	+	2	237	TTG	TAA	0	0
mORF_+_3754455	3754455	3754463	+	3	9	TTG	TAG	0	0
mORF_+_3754476	3754476	3754562	+	3	87	TTG	TAA	0	0
mORF_+_3754510	3754510	3754536	+	1	27	GTG	TGA	0	0
mORF_+_3754550	3754550	3754555	+	2	6	GTG	TGA	0	0
mORF_+_3754552	3754552	3754653	+	1	102	GTG	TAG	0	0
mORF_+_3754574	3754574	3754603	+	2	30	GTG	TAA	0	0
mORF_+_3754654	3754654	3754695	+	1	42	TTG	TGA	0	0

mORF_+_3754674	3754674	3754757	+	3	84	TTG	TAG	0	0
mORF_+_3754735	3754735	3754833	+	1	99	GTG	TAG	0	0
mORF_+_3754871	3754871	3754987	+	2	117	ATG	TGA	0	0
mORF_+_3754932	3754932	3754979	+	3	48	TTG	TGA	0	0
mORF_+_3754990	3754990	3755166	+	1	177	GTG	TAA	0	0
mORF_+_3755022	3755022	3755090	+	3	69	GTG	TGA	0	0
mORF_+_3755030	3755030	3755035	+	2	6	TTG	TAG	0	0
mORF_+_3755087	3755087	3755119	+	2	33	TTG	TAA	0	0
mORF_+_3755124	3755124	3755219	+	3	96	TTG	TGA	0	0
mORF_+_3755186	3755186	3755380	+	2	195	ATG	TGA	0	0
mORF_+_3755244	3755244	3755255	+	3	12	ATG	TAG	0	0
mORF_+_3755257	3755257	3755265	+	1	9	GTG	TAA	0	0
mORF_+_3755280	3755280	3755330	+	3	51	TTG	TGA	0	0
mORF_+_3755350	3755350	3755568	+	1	219	ATG	TAA	0	0
mORF_+_3755393	3755393	3755494	+	2	102	GTG	TAA	0	0
mORF_+_3755469	3755469	3755600	+	3	132	TTG	TAA	0	0
mORF_+_3755513	3755513	3755659	+	2	147	TTG	TAA	0	0
mORF_+_3755644	3755644	3755718	+	1	75	TTG	TAA	0	0
mORF_+_3755675	3755675	3755767	+	2	93	TTG	TAA	0	0
mORF_+_3755688	3755688	3755741	+	3	54	GTG	TGA	0	0
mORF_+_3755784	3755784	3755813	+	3	30	TTG	TGA	0	0
mORF_+_3755810	3755810	3755863	+	2	54	ATG	TGA	0	0
mORF_+_3755838	3755838	3755852	+	3	15	TTG	TAA	0	0
mORF_+_3755866	3755866	3755871	+	1	6	GTG	TAA	0	0
mORF_+_3755912	3755912	3755941	+	2	30	ATG	TAA	0	0
mORF_+_3755925	3755925	3755996	+	3	72	TTG	TAA	0	0
mORF_+_3755974	3755974	3755988	+	1	15	ATG	TAA	0	0
mORF_+_3756002	3756002	3756010	+	2	9	TTG	TAA	0	0
mORF_+_3756060	3756060	3756101	+	3	42	ATG	TAA	0	0
mORF_+_3756076	3756076	3756159	+	1	84	ATG	TAA	0	0
mORF_+_3756107	3756107	3756133	+	2	27	ATG	TGA	0	0
mORF_+_3756135	3756135	3756266	+	3	132	TTG	TAA	0	0
mORF_+_3756221	3756221	3756253	+	2	33	TTG	TAA	0	0
mORF_+_3756286	3756286	3756306	+	1	21	TTG	TAG	0	0
mORF_+_3756318	3756318	3756425	+	3	108	TTG	TGA	0	0
mORF_+_3756397	3756397	3756606	+	1	210	TTG	TAA	0	0
mORF_+_3756404	3756404	3756439	+	2	36	ATG	TGA	0	0
mORF_+_3756473	3756473	3756595	+	2	123	ATG	TGA	0	0
mORF_+_3756531	3756531	3756719	+	3	189	TTG	TGA	0	0
mORF_+_3756608	3756608	3756664	+	2	57	GTG	TAA	0	0
mORF_+_3756688	3756688	3756780	+	1	93	TTG	TAA	0	0
mORF_+_3756716	3756716	3756772	+	2	57	TTG	TGA	0	0
mORF_+_3756804	3756804	3756866	+	3	63	GTG	TAA	0	0
mORF_+_3756823	3756823	3756948	+	1	126	TTG	TAA	0	0
mORF_+_3756893	3756893	3757027	+	2	135	GTG	TGA	0	0
mORF_+_3756990	3756990	3757007	+	3	18	GTG	TGA	0	0
mORF_+_3757009	3757009	3757269	+	1	261	GTG	TGA	0	0
mORF_+_3757056	3757056	3757091	+	3	36	GTG	TGA	0	0
mORF_+_3757088	3757088	3757399	+	2	312	GTG	TGA	0	0
mORF_+_3757203	3757203	3757310	+	3	108	TTG	TGA	0	0
mORF_+_3757338	3757338	3757451	+	3	114	ATG	TGA	0	0
mORF_+_3757366	3757366	3757839	+	1	474	ATG	TAA	0	0
mORF_+_3757448	3757448	3757657	+	2	210	GTG	TGA	0	0
mORF_+_3757461	3757461	3757721	+	3	261	TTG	TAA	0	0
mORF_+_3757682	3757682	3757705	+	2	24	ATG	TGA	0	0
mORF_+_3757772	3757772	3758041	+	2	270	ATG	TAA	0	0
mORF_+_3757842	3757842	3757880	+	3	39	TTG	TAA	0	0
mORF_+_3757852	3757852	3757956	+	1	105	GTG	TAA	0	0
mORF_+_3757908	3757908	3757931	+	3	24	TTG	TAA	0	0
mORF_+_3758013	3758013	3758048	+	3	36	GTG	TAA	0	0
mORF_+_3758048	3758048	3758113	+	2	66	ATG	TAA	0	0
mORF_+_3758139	3758139	3758162	+	3	24	ATG	TAA	0	0
mORF_+_3758141	3758141	3758185	+	2	45	GTG	TGA	0	0

mORF_+_3758166	3758166	3758222	+	3	57	TTG	TAA	0	0
mORF_+_3758182	3758182	3758253	+	1	72	ATG	TAA	0	0
mORF_+_3758244	3758244	3758249	+	3	6	GTG	TAA	0	0
mORF_+_3758263	3758263	3758577	+	1	315	GTG	TGA	0	0
mORF_+_3758303	3758303	3758362	+	2	60	ATG	TAA	0	0
mORF_+_3758319	3758319	3758384	+	3	66	GTG	TAA	0	0
mORF_+_3758444	3758444	3758473	+	2	30	TTG	TAA	0	0
mORF_+_3758578	3758578	3758586	+	1	9	ATG	TAG	0	0
mORF_+_3758595	3758595	3758684	+	3	90	ATG	TAG	0	0
mORF_+_3758612	3758612	3758707	+	2	96	GTG	TAA	0	0
mORF_+_3758656	3758656	3758700	+	1	45	GTG	TGA	0	0
mORF_+_3758782	3758782	3759150	+	1	369	GTG	TGA	0	0
mORF_+_3758886	3758886	3758978	+	3	93	ATG	TAA	0	0
mORF_+_3758997	3758997	3759221	+	3	225	ATG	TAA	0	0
mORF_+_3759172	3759172	3759177	+	1	6	GTG	TGA	0	0
mORF_+_3759240	3759240	3759287	+	3	48	TTG	TGA	0	0
mORF_+_3759266	3759266	3759274	+	2	9	TTG	TAG	0	0
mORF_+_3759333	3759333	3759338	+	3	6	TTG	TAA	0	0
mORF_+_3759340	3759340	3759438	+	1	99	GTG	TAA	0	0
mORF_+_3759345	3759345	3759413	+	3	69	ATG	TAA	0	0
mORF_+_3759389	3759389	3759880	+	2	492	GTG	TAG	0	0
mORF_+_3759439	3759439	3759609	+	1	171	GTG	TAA	0	0
mORF_+_3759441	3759441	3759485	+	3	45	GTG	TGA	0	0
mORF_+_3759543	3759543	3759590	+	3	48	GTG	TGA	0	0
mORF_+_3759693	3759693	3759785	+	3	93	GTG	TGA	0	0
mORF_+_3759853	3759853	3759921	+	1	69	TTG	TAA	0	0
mORF_+_3759908	3759908	3759961	+	2	54	ATG	TAG	0	0
mORF_+_3759977	3759977	3760120	+	2	144	ATG	TGA	0	0
mORF_+_3759991	3759991	3760047	+	1	57	GTG	TGA	0	0
mORF_+_3760011	3760011	3760022	+	3	12	ATG	TGA	0	0
mORF_+_3760041	3760041	3760094	+	3	54	ATG	TAA	0	0
mORF_+_3760120	3760120	3760149	+	1	30	ATG	TAA	0	0
mORF_+_3760199	3760199	3760258	+	2	60	ATG	TAG	0	0
mORF_+_3760206	3760206	3764339	+	3	4134	ATG	TAG	0	0
mORF_+_3760249	3760249	3760335	+	1	87	ATG	TGA	0	0
mORF_+_3760319	3760319	3760387	+	2	69	GTG	TGA	0	0
mORF_+_3760366	3760366	3760539	+	1	174	GTG	TGA	0	0
mORF_+_3760546	3760546	3760710	+	1	165	GTG	TAA	0	0
mORF_+_3760622	3760622	3760657	+	2	36	GTG	TGA	0	0
mORF_+_3760751	3760751	3760774	+	2	24	GTG	TGA	0	0
mORF_+_3760771	3760771	3760833	+	1	63	GTG	TGA	0	0
mORF_+_3760888	3760888	3760917	+	1	30	GTG	TGA	0	0
mORF_+_3760921	3760921	3760953	+	1	33	ATG	TGA	0	0
mORF_+_3761053	3761053	3761094	+	1	42	ATG	TGA	0	0
mORF_+_3761087	3761087	3761185	+	2	99	GTG	TGA	0	0
mORF_+_3761146	3761146	3761307	+	1	162	ATG	TGA	0	0
mORF_+_3761350	3761350	3761427	+	1	78	ATG	TGA	0	0
mORF_+_3761479	3761479	3761553	+	1	75	TTG	TGA	0	0
mORF_+_3761584	3761584	3761628	+	1	45	ATG	TAA	0	0
mORF_+_3761671	3761671	3761691	+	1	21	ATG	TGA	0	0
mORF_+_3761734	3761734	3761799	+	1	66	ATG	TGA	0	0
mORF_+_3761801	3761801	3761863	+	2	63	GTG	TGA	0	0
mORF_+_3761848	3761848	3761853	+	1	6	ATG	TAA	0	0
mORF_+_3761860	3761860	3761886	+	1	27	ATG	TGA	0	0
mORF_+_3761938	3761938	3761949	+	1	12	GTG	TAA	0	0
mORF_+_3761950	3761950	3761958	+	1	9	TTG	TGA	0	0
mORF_+_3761974	3761974	3762012	+	1	39	ATG	TGA	0	0
mORF_+_3762022	3762022	3762099	+	1	78	TTG	TAA	0	0
mORF_+_3762062	3762062	3762151	+	2	90	GTG	TGA	0	0
mORF_+_3762118	3762118	3762144	+	1	27	ATG	TGA	0	0
mORF_+_3762148	3762148	3762198	+	1	51	GTG	TGA	0	0
mORF_+_3762214	3762214	3762249	+	1	36	TTG	TGA	0	0
mORF_+_3762274	3762274	3762336	+	1	63	ATG	TGA	0	0

mORF_+_3762340	3762340	3762384	+	1	45	GTG	TGA	0	0	
mORF_+_3762356	3762356	3762367	+	2	12	GTG	TGA	0	0	
mORF_+_3762436	3762436	3762456	+	1	21	ATG	TGA	0	0	
mORF_+_3762460	3762460	3762591	+	1	132	GTG	TGA	0	0	
mORF_+_3762584	3762584	3762700	+	2	117	ATG	TGA	0	0	
mORF_+_3762697	3762697	3762750	+	1	54	ATG	TGA	0	0	
mORF_+_3762907	3762907	3763041	+	1	135	ATG	TGA	0	0	
mORF_+_3762974	3762974	3762985	+	2	12	GTG	TAA	0	0	
mORF_+_3763084	3763084	3763242	+	1	159	ATG	TGA	0	0	
mORF_+_3763220	3763220	3763231	+	2	12	GTG	TGA	0	0	
mORF_+_3763381	3763381	3763539	+	1	159	TTG	TGA	0	0	
mORF_+_3763540	3763540	3763578	+	1	39	GTG	TGA	0	0	
mORF_+_3763568	3763568	3763720	+	2	153	GTG	TGA	0	0	
mORF_+_3763717	3763717	3763737	+	1	21	ATG	TGA	0	0	
mORF_+_3763721	3763721	3763741	+	2	21	ATG	TGA	0	0	
mORF_+_3763738	3763738	3763881	+	1	144	ATG	TGA	0	0	
mORF_+_3763889	3763889	3763960	+	2	72	ATG	TAG	0	0	
mORF_+_3763982	3763982	3764017	+	2	36	ATG	TGA	0	0	
mORF_+_3764014	3764014	3764037	+	1	24	ATG	TGA	0	0	
mORF_+_3764042	3764042	3764077	+	2	36	ATG	TGA	0	0	
mORF_+_3764074	3764074	3764085	+	1	12	TTG	TAA	0	0	
mORF_+_3764134	3764134	3764160	+	1	27	GTG	TAA	0	0	
mORF_+_3764167	3764167	3764181	+	1	15	GTG	TAA	0	0	
mORF_+_3764185	3764185	3764244	+	1	60	ATG	TAA	0	0	
mORF_+_3764222	3764222	3764227	+	2	6	ATG	TGA	0	0	
mORF_+_3764245	3764245	3764394	+	1	150	TTG	TAA	0	0	
mORF_+_3764249	3764249	3764257	+	2	9	TTG	TGA	0	0	
mORF_+_3764300	3764300	3764329	+	2	30	TTG	TAA	0	0	
mORF_+_3764343	3764343	3764429	+	3	87	TTG	TAA	0	0	
mORF_+_3764345	3764345	3765202	+	2	858	GTG	TAG	1	4	pORF_+_3764345
mORF_+_3764416	3764416	3764421	+	1	6	ATG	TAA	0	0	
mORF_+_3764430	3764430	3764474	+	3	45	ATG	TGA	0	0	
mORF_+_3764511	3764511	3764603	+	3	93	GTG	TAA	0	0	
mORF_+_3764608	3764608	3764628	+	1	21	TTG	TAA	0	0	
mORF_+_3764628	3764628	3764645	+	3	18	ATG	TGA	0	0	
mORF_+_3764661	3764661	3764747	+	3	87	ATG	TAG	0	0	
mORF_+_3764674	3764674	3764742	+	1	69	TTG	TAA	0	0	
mORF_+_3764772	3764772	3764852	+	3	81	TTG	TGA	0	0	
mORF_+_3764874	3764874	3764909	+	3	36	ATG	TAA	0	0	
mORF_+_3764922	3764922	3764999	+	3	78	ATG	TAA	0	0	
mORF_+_3764944	3764944	3764970	+	1	27	TTG	TAA	0	0	
mORF_+_3765043	3765043	3765051	+	1	9	ATG	TGA	0	0	
mORF_+_3765048	3765048	3765056	+	3	9	ATG	TAA	0	0	
mORF_+_3765072	3765072	3765104	+	3	33	ATG	TAG	0	0	
mORF_+_3765105	3765105	3765131	+	3	27	GTG	TAG	0	0	
mORF_+_3765150	3765150	3765170	+	3	21	TTG	TAA	0	0	
mORF_+_3765180	3765180	3765191	+	3	12	TTG	TGA	0	0	
mORF_+_3765204	3765204	3765272	+	3	69	GTG	TGA	0	0	
mORF_+_3765209	3765209	3765292	+	2	84	TTG	TGA	0	0	
mORF_+_3765244	3765244	3765945	+	1	702	GTG	TAA	0	0	
mORF_+_3765293	3765293	3765331	+	2	39	GTG	TGA	0	0	
mORF_+_3765321	3765321	3765470	+	3	150	GTG	TGA	0	0	
mORF_+_3765467	3765467	3765490	+	2	24	ATG	TGA	0	0	
mORF_+_3765474	3765474	3765494	+	3	21	ATG	TGA	0	0	
mORF_+_3765491	3765491	3765634	+	2	144	GTG	TGA	0	0	
mORF_+_3765642	3765642	3765704	+	3	63	ATG	TGA	0	0	
mORF_+_3765680	3765680	3765685	+	2	6	ATG	TAG	0	0	
mORF_+_3765701	3765701	3765709	+	2	9	TTG	TAA	0	0	
mORF_+_3765725	3765725	3765745	+	2	21	GTG	TAG	0	0	
mORF_+_3765749	3765749	3765832	+	2	84	ATG	TGA	0	0	
mORF_+_3765863	3765863	3765889	+	2	27	TTG	TGA	0	0	
mORF_+_3765894	3765894	3765911	+	3	18	TTG	TAA	0	0	
mORF_+_3765935	3765935	3765949	+	2	15	TTG	TAG	0	0	

mORF_+_3765968	3765968	3765973	+	2	6	ATG	TAA	0	0	
mORF_+_3765990	3765990	3766016	+	3	27	ATG	TAA	0	0	
mORF_+_3766016	3766016	3766027	+	2	12	ATG	TAA	0	0	
mORF_+_3766030	3766030	3766188	+	1	159	ATG	TAG	0	0	
mORF_+_3766103	3766103	3766117	+	2	15	TTG	TAA	0	0	
mORF_+_3766110	3766110	3766148	+	3	39	TTG	TAA	0	0	
mORF_+_3766121	3766121	3766183	+	2	63	ATG	TAA	0	0	
mORF_+_3766190	3766190	3766195	+	2	6	TTG	TAG	0	0	
mORF_+_3766196	3766196	3766261	+	2	66	ATG	TGA	0	0	
mORF_+_3766200	3766200	3766661	+	3	462	ATG	TAA	0	0	
mORF_+_3766252	3766252	3766266	+	1	15	ATG	TGA	0	0	
mORF_+_3766312	3766312	3766320	+	1	9	ATG	TAA	0	0	
mORF_+_3766321	3766321	3766335	+	1	15	GTG	TGA	0	0	
mORF_+_3766360	3766360	3766539	+	1	180	ATG	TGA	0	0	
mORF_+_3766553	3766553	3766576	+	2	24	TTG	TAA	0	0	
mORF_+_3766585	3766585	3766623	+	1	39	TTG	TAA	0	0	
mORF_+_3766696	3766696	3766818	+	1	123	ATG	TGA	0	0	
mORF_+_3766793	3766793	3766852	+	2	60	GTG	TAG	0	0	
mORF_+_3766815	3766815	3766913	+	3	99	TTG	TGA	0	0	
mORF_+_3766843	3766843	3767001	+	1	159	TTG	TAA	0	0	
mORF_+_3766892	3766892	3767005	+	2	114	GTG	TAG	0	0	
mORF_+_3766968	3766968	3766973	+	3	6	ATG	TAA	0	0	
mORF_+_3766986	3766986	3767279	+	3	294	TTG	TAA	1	2	pORF_+_3766986
mORF_+_3767006	3767006	3767044	+	2	39	ATG	TAA	0	0	
mORF_+_3767038	3767038	3767088	+	1	51	ATG	TAG	0	0	
mORF_+_3767122	3767122	3767148	+	1	27	ATG	TAA	0	0	
mORF_+_3767141	3767141	3767212	+	2	72	TTG	TAA	0	0	
mORF_+_3767155	3767155	3767169	+	1	15	TTG	TAG	0	0	
mORF_+_3767212	3767212	3767229	+	1	18	ATG	TAA	0	0	
mORF_+_3767230	3767230	3767238	+	1	9	ATG	TAA	0	0	
mORF_+_3767285	3767285	3767365	+	2	81	ATG	TAG	0	0	
mORF_+_3767304	3767304	3767414	+	3	111	TTG	TAA	0	0	
mORF_+_3767368	3767368	3767703	+	1	336	TTG	TGA	0	0	
mORF_+_3767430	3767430	3767456	+	3	27	GTG	TAA	0	0	
mORF_+_3767447	3767447	3767536	+	2	90	TTG	TAA	0	0	
mORF_+_3767552	3767552	3767590	+	2	39	ATG	TAA	0	0	
mORF_+_3767577	3767577	3767594	+	3	18	ATG	TAA	0	0	
mORF_+_3767642	3767642	3767668	+	2	27	TTG	TAA	0	0	
mORF_+_3767652	3767652	3767660	+	3	9	TTG	TGA	0	0	
mORF_+_3767700	3767700	3767708	+	3	9	TTG	TAA	0	0	
mORF_+_3767722	3767722	3767727	+	1	6	TTG	TAG	0	0	
mORF_+_3767727	3767727	3767744	+	3	18	GTG	TAA	0	0	
mORF_+_3767747	3767747	3767806	+	2	60	TTG	TGA	0	0	
mORF_+_3767775	3767775	3767789	+	3	15	TTG	TAA	0	0	
mORF_+_3767791	3767791	3767802	+	1	12	GTG	TGA	0	0	
mORF_+_3767799	3767799	3767867	+	3	69	ATG	TAG	0	0	
mORF_+_3767803	3767803	3767814	+	1	12	ATG	TAA	0	0	
mORF_+_3767875	3767875	3767943	+	1	69	ATG	TGA	0	0	
mORF_+_3767894	3767894	3767950	+	2	57	GTG	TAG	0	0	
mORF_+_3767910	3767910	3767930	+	3	21	TTG	TGA	0	0	
mORF_+_3767940	3767940	3767966	+	3	27	GTG	TAA	0	0	
mORF_+_3767967	3767967	3767972	+	3	6	ATG	TGA	0	0	
mORF_+_3767969	3767969	3768010	+	2	42	GTG	TAG	0	0	
mORF_+_3768011	3768011	3768169	+	2	159	ATG	TAA	0	0	
mORF_+_3768075	3768075	3768164	+	3	90	TTG	TAA	0	0	
mORF_+_3768169	3768169	3768207	+	1	39	ATG	TAA	0	0	
mORF_+_3768209	3768209	3768220	+	2	12	ATG	TAA	0	0	
mORF_+_3768269	3768269	3768310	+	2	42	ATG	TAG	0	0	
mORF_+_3768335	3768335	3768388	+	2	54	ATG	TAA	0	0	
mORF_+_3768375	3768375	3768485	+	3	111	ATG	TGA	0	0	
mORF_+_3768460	3768460	3768519	+	1	60	ATG	TAG	0	0	
mORF_+_3768464	3768464	3768511	+	2	48	TTG	TAA	0	0	
mORF_+_3768525	3768525	3768533	+	3	9	TTG	TGA	0	0	

mORF_+_3768530	3768530	3768550	+	2	21	GTG	TAG	0	0	
mORF_+_3768605	3768605	3768787	+	2	183	TTG	TAA	0	0	
mORF_+_3768645	3768645	3768710	+	3	66	ATG	TGA	0	0	
mORF_+_3768685	3768685	3768714	+	1	30	ATG	TAA	0	0	
mORF_+_3768723	3768723	3768962	+	3	240	TTG	TAA	0	0	
mORF_+_3768763	3768763	3768774	+	1	12	TTG	TAA	0	0	
mORF_+_3768803	3768803	3769000	+	2	198	TTG	TGA	0	0	
mORF_+_3769008	3769008	3769085	+	3	78	GTG	TGA	0	0	
mORF_+_3769058	3769058	3769384	+	2	327	ATG	TAA	0	0	
mORF_+_3769164	3769164	3769247	+	3	84	TTG	TAA	0	0	
mORF_+_3769198	3769198	3769206	+	1	9	GTG	TGA	0	0	
mORF_+_3769254	3769254	3769259	+	3	6	TTG	TAG	0	0	
mORF_+_3769338	3769338	3769379	+	3	42	ATG	TAA	0	0	
mORF_+_3769421	3769421	3769429	+	2	9	GTG	TAG	0	0	
mORF_+_3769453	3769453	3769533	+	1	81	TTG	TGA	0	0	
mORF_+_3769485	3769485	3769598	+	3	114	GTG	TAA	0	0	
mORF_+_3769558	3769558	3769761	+	1	204	TTG	TAG	0	0	
mORF_+_3769658	3769658	3769681	+	2	24	TTG	TAA	0	0	
mORF_+_3769685	3769685	3769711	+	2	27	ATG	TAA	0	0	
mORF_+_3769793	3769793	3769885	+	2	93	GTG	TAA	0	0	
mORF_+_3769895	3769895	3769918	+	2	24	GTG	TAA	0	0	
mORF_+_3769903	3769903	3769929	+	1	27	TTG	TGA	0	0	
mORF_+_3769922	3769922	3770032	+	2	111	TTG	TGA	0	0	
mORF_+_3769926	3769926	3769940	+	3	15	ATG	TAA	0	0	
mORF_+_3769942	3769942	3769950	+	1	9	ATG	TAG	0	0	
mORF_+_3769983	3769983	3769988	+	3	6	TTG	TGA	0	0	
mORF_+_3770029	3770029	3770061	+	1	33	GTG	TAG	0	0	
mORF_+_3770049	3770049	3770105	+	3	57	ATG	TGA	0	0	
mORF_+_3770102	3770102	3770149	+	2	48	GTG	TGA	0	0	
mORF_+_3770146	3770146	3770247	+	1	102	GTG	TAA	0	0	
mORF_+_3770150	3770150	3770320	+	2	171	TTG	TAA	0	0	
mORF_+_3770296	3770296	3770364	+	1	69	GTG	TGA	0	0	
mORF_+_3770304	3770304	3772217	+	3	1914	ATG	TAA	44	393	pORF_+_3770304
mORF_+_3770390	3770390	3770512	+	2	123	GTG	TAA	0	0	
mORF_+_3770506	3770506	3770520	+	1	15	GTG	TAG	0	0	
mORF_+_3770530	3770530	3770541	+	1	12	GTG	TAG	0	0	
mORF_+_3770545	3770545	3770607	+	1	63	GTG	TGA	0	0	
mORF_+_3770608	3770608	3770658	+	1	51	TTG	TAG	0	0	
mORF_+_3770630	3770630	3770638	+	2	9	GTG	TAA	0	0	
mORF_+_3770680	3770680	3770694	+	1	15	TTG	TGA	0	0	
mORF_+_3770752	3770752	3770952	+	1	201	TTG	TGA	0	0	
mORF_+_3770953	3770953	3771096	+	1	144	TTG	TGA	0	0	
mORF_+_3771169	3771169	3771222	+	1	54	GTG	TGA	0	0	
mORF_+_3771232	3771232	3771306	+	1	75	GTG	TGA	0	0	
mORF_+_3771260	3771260	3771334	+	2	75	GTG	TGA	0	0	
mORF_+_3771331	3771331	3771369	+	1	39	ATG	TGA	0	0	
mORF_+_3771409	3771409	3771414	+	1	6	ATG	TGA	0	0	
mORF_+_3771448	3771448	3771603	+	1	156	TTG	TGA	0	0	
mORF_+_3771700	3771700	3771738	+	1	39	TTG	TAA	0	0	
mORF_+_3771760	3771760	3771792	+	1	33	TTG	TAG	0	0	
mORF_+_3771850	3771850	3771870	+	1	21	TTG	TGA	0	0	
mORF_+_3771883	3771883	3771927	+	1	45	TTG	TGA	0	0	
mORF_+_3771943	3771943	3771996	+	1	54	GTG	TGA	0	0	
mORF_+_3772042	3772042	3772074	+	1	33	GTG	TGA	0	0	
mORF_+_3772075	3772075	3772125	+	1	51	TTG	TGA	0	0	
mORF_+_3772129	3772129	3773595	+	1	1467	ATG	TAA	66	995	pORF_+_3772129
mORF_+_3772238	3772238	3772264	+	2	27	ATG	TGA	0	0	
mORF_+_3772257	3772257	3772391	+	3	135	TTG	TGA	0	0	
mORF_+_3772322	3772322	3772327	+	2	6	TTG	TAG	0	0	
mORF_+_3772388	3772388	3772423	+	2	36	GTG	TAA	0	0	
mORF_+_3772463	3772463	3772528	+	2	66	TTG	TGA	0	0	
mORF_+_3772532	3772532	3772567	+	2	36	TTG	TGA	0	0	
mORF_+_3772568	3772568	3772618	+	2	51	ATG	TAG	0	0	

mORF_+_3772637	3772637	3772675	+	2	39	ATG	TGA	0	0	
mORF_+_3772676	3772676	3772693	+	2	18	TTG	TAG	0	0	
mORF_+_3772706	3772706	3772759	+	2	54	TTG	TGA	0	0	
mORF_+_3772778	3772778	3772792	+	2	15	ATG	TGA	0	0	
mORF_+_3772805	3772805	3772837	+	2	33	GTG	TGA	0	0	
mORF_+_3772844	3772844	3772849	+	2	6	ATG	TGA	0	0	
mORF_+_3772878	3772878	3772919	+	3	42	GTG	TGA	0	0	
mORF_+_3772895	3772895	3772969	+	2	75	TTG	TGA	0	0	
mORF_+_3772989	3772989	3773003	+	3	15	ATG	TAA	0	0	
mORF_+_3772994	3772994	3773050	+	2	57	TTG	TAA	0	0	
mORF_+_3773069	3773069	3773095	+	2	27	TTG	TGA	0	0	
mORF_+_3773105	3773105	3773113	+	2	9	ATG	TAA	0	0	
mORF_+_3773153	3773153	3773191	+	2	39	GTG	TAA	0	0	
mORF_+_3773195	3773195	3773224	+	2	30	GTG	TGA	0	0	
mORF_+_3773240	3773240	3773305	+	2	66	TTG	TGA	0	0	
mORF_+_3773309	3773309	3773317	+	2	9	ATG	TAG	0	0	
mORF_+_3773351	3773351	3773368	+	2	18	GTG	TGA	0	0	
mORF_+_3773396	3773396	3773419	+	2	24	ATG	TGA	0	0	
mORF_+_3773420	3773420	3773491	+	2	72	TTG	TGA	0	0	
mORF_+_3773537	3773537	3773572	+	2	36	TTG	TAA	0	0	
mORF_+_3773595	3773595	3774182	+	3	588	ATG	TAA	0	0	
mORF_+_3773677	3773677	3773703	+	1	27	TTG	TGA	0	0	
mORF_+_3773704	3773704	3773733	+	1	30	ATG	TGA	0	0	
mORF_+_3773815	3773815	3773823	+	1	9	ATG	TAG	0	0	
mORF_+_3773842	3773842	3773874	+	1	33	ATG	TAA	0	0	
mORF_+_3773920	3773920	3773934	+	1	15	ATG	TGA	0	0	
mORF_+_3773944	3773944	3773955	+	1	12	GTG	TAA	0	0	
mORF_+_3773998	3773998	3774135	+	1	138	TTG	TGA	0	0	
mORF_+_3774248	3774248	3774253	+	2	6	TTG	TAG	0	0	
mORF_+_3774340	3774340	3774351	+	1	12	TTG	TGA	0	0	
mORF_+_3774348	3774348	3774455	+	3	108	ATG	TAG	0	0	
mORF_+_3774474	3774474	3774497	+	3	24	ATG	TGA	0	0	
mORF_+_3774491	3774491	3774508	+	2	18	GTG	TAA	0	0	
mORF_+_3774564	3774564	3774578	+	3	15	TTG	TGA	0	0	
mORF_+_3774575	3774575	3774691	+	2	117	TTG	TGA	0	0	
mORF_+_3774612	3774612	3774653	+	3	42	ATG	TAG	0	0	
mORF_+_3774622	3774622	3774627	+	1	6	TTG	TGA	0	0	
mORF_+_3774688	3774688	3775050	+	1	363	ATG	TAA	22	336	pORF_+_3774688
mORF_+_3774773	3774773	3774868	+	2	96	TTG	TGA	0	0	
mORF_+_3774956	3774956	3774988	+	2	33	GTG	TGA	0	0	
mORF_+_3775069	3775069	3775164	+	1	96	GTG	TGA	0	0	
mORF_+_3775101	3775101	3775127	+	3	27	GTG	TAA	0	0	
mORF_+_3775164	3775164	3775298	+	3	135	ATG	TAG	0	0	
mORF_+_3775171	3775171	3775263	+	1	93	TTG	TAA	0	0	
mORF_+_3775310	3775310	3775375	+	2	66	TTG	TGA	0	0	
mORF_+_3775335	3775335	3775364	+	3	30	TTG	TGA	0	0	
mORF_+_3775372	3775372	3775425	+	1	54	ATG	TGA	0	0	
mORF_+_3775395	3775395	3777077	+	3	1683	ATG	TAA	1	2	pORF_+_3775395
mORF_+_3775397	3775397	3775522	+	2	126	GTG	TAA	0	0	
mORF_+_3775510	3775510	3775518	+	1	9	TTG	TGA	0	0	
mORF_+_3775553	3775553	3775597	+	2	45	GTG	TAA	0	0	
mORF_+_3775573	3775573	3775707	+	1	135	TTG	TGA	0	0	
mORF_+_3775652	3775652	3775696	+	2	45	GTG	TAA	0	0	
mORF_+_3775720	3775720	3775752	+	1	33	TTG	TAA	0	0	
mORF_+_3775807	3775807	3775839	+	1	33	TTG	TAG	0	0	
mORF_+_3775898	3775898	3775912	+	2	15	GTG	TAA	0	0	
mORF_+_3775906	3775906	3775971	+	1	66	TTG	TAA	0	0	
mORF_+_3775987	3775987	3776028	+	1	42	TTG	TGA	0	0	
mORF_+_3776090	3776090	3776143	+	2	54	GTG	TAG	0	0	
mORF_+_3776107	3776107	3776208	+	1	102	TTG	TGA	0	0	
mORF_+_3776239	3776239	3776283	+	1	45	GTG	TGA	0	0	
mORF_+_3776323	3776323	3776349	+	1	27	GTG	TGA	0	0	
mORF_+_3776366	3776366	3776386	+	2	21	GTG	TAA	0	0	

mORF_+_3776404	3776404	3776427	+	1	24	GTG	TGA	0	0	
mORF_+_3776420	3776420	3776455	+	2	36	GTG	TAA	0	0	
mORF_+_3776461	3776461	3776583	+	1	123	TTG	TGA	0	0	
mORF_+_3776740	3776740	3776790	+	1	51	ATG	TGA	0	0	
mORF_+_3776854	3776854	3776916	+	1	63	TTG	TGA	0	0	
mORF_+_3776944	3776944	3776955	+	1	12	GTG	TAG	0	0	
mORF_+_3777052	3777052	3777060	+	1	9	ATG	TAA	0	0	
mORF_+_3777062	3777062	3777853	+	2	792	GTG	TGA	0	0	
mORF_+_3777081	3777081	3777134	+	3	54	TTG	TGA	0	0	
mORF_+_3777135	3777135	3777164	+	3	30	TTG	TGA	0	0	
mORF_+_3777246	3777246	3777338	+	3	93	GTG	TAA	0	0	
mORF_+_3777307	3777307	3777357	+	1	51	ATG	TGA	0	0	
mORF_+_3777354	3777354	3777485	+	3	132	ATG	TAA	0	0	
mORF_+_3777415	3777415	3777474	+	1	60	ATG	TGA	0	0	
mORF_+_3777486	3777486	3777611	+	3	126	GTG	TGA	0	0	
mORF_+_3777684	3777684	3777731	+	3	48	TTG	TGA	0	0	
mORF_+_3777747	3777747	3777764	+	3	18	TTG	TGA	0	0	
mORF_+_3777774	3777774	3777944	+	3	171	ATG	TGA	0	0	
mORF_+_3777850	3777850	3779040	+	1	1191	ATG	TAG	37	527	pORF_+_3777850
mORF_+_3777926	3777926	3778006	+	2	81	ATG	TGA	0	0	
mORF_+_3778046	3778046	3778366	+	2	321	ATG	TGA	0	0	
mORF_+_3778089	3778089	3778190	+	3	102	GTG	TGA	0	0	
mORF_+_3778221	3778221	3778265	+	3	45	GTG	TAA	0	0	
mORF_+_3778293	3778293	3778349	+	3	57	TTG	TGA	0	0	
mORF_+_3778419	3778419	3778457	+	3	39	ATG	TGA	0	0	
mORF_+_3778430	3778430	3778441	+	2	12	ATG	TGA	0	0	
mORF_+_3778454	3778454	3778462	+	2	9	ATG	TAG	0	0	
mORF_+_3778548	3778548	3778562	+	3	15	ATG	TGA	0	0	
mORF_+_3778559	3778559	3778597	+	2	39	TTG	TGA	0	0	
mORF_+_3778563	3778563	3778652	+	3	90	ATG	TGA	0	0	
mORF_+_3778622	3778622	3778741	+	2	120	ATG	TGA	0	0	
mORF_+_3778745	3778745	3778753	+	2	9	GTG	TAG	0	0	
mORF_+_3778787	3778787	3778804	+	2	18	TTG	TGA	0	0	
mORF_+_3778805	3778805	3778882	+	2	78	TTG	TAG	0	0	
mORF_+_3779030	3779030	3779119	+	2	90	ATG	TGA	0	0	
mORF_+_3779101	3779101	3779175	+	1	75	ATG	TGA	0	0	
mORF_+_3779172	3779172	3779228	+	3	57	GTG	TAA	0	0	
mORF_+_3779238	3779238	3779711	+	3	474	ATG	TAG	1	3	pORF_+_3779238
mORF_+_3779300	3779300	3779308	+	2	9	TTG	TAA	0	0	
mORF_+_3779347	3779347	3779505	+	1	159	TTG	TAA	0	0	
mORF_+_3779515	3779515	3779529	+	1	15	ATG	TGA	0	0	
mORF_+_3779569	3779569	3779631	+	1	63	TTG	TGA	0	0	
mORF_+_3779641	3779641	3779655	+	1	15	ATG	TAG	0	0	
mORF_+_3779662	3779662	3779703	+	1	42	ATG	TGA	0	0	
mORF_+_3779730	3779730	3779798	+	3	69	ATG	TAA	0	0	
mORF_+_3779791	3779791	3779829	+	1	39	ATG	TGA	0	0	
mORF_+_3779804	3779804	3780010	+	2	207	TTG	TGA	0	0	
mORF_+_3779826	3779826	3780125	+	3	300	TTG	TGA	0	0	
mORF_+_3779887	3779887	3780279	+	1	393	ATG	TAA	0	0	
mORF_+_3780101	3780101	3780154	+	2	54	ATG	TGA	0	0	
mORF_+_3780141	3780141	3780401	+	3	261	TTG	TAG	0	0	
mORF_+_3780239	3780239	3780247	+	2	9	ATG	TAG	0	0	
mORF_+_3780417	3780417	3780479	+	3	63	TTG	TGA	0	0	
mORF_+_3780431	3780431	3780448	+	2	18	TTG	TAG	0	0	
mORF_+_3780472	3780472	3780483	+	1	12	GTG	TAG	0	0	
mORF_+_3780476	3780476	3780496	+	2	21	TTG	TAA	0	0	
mORF_+_3780490	3780490	3780609	+	1	120	GTG	TAA	0	0	
mORF_+_3780510	3780510	3780548	+	3	39	TTG	TAA	0	0	
mORF_+_3780551	3780551	3780604	+	2	54	TTG	TGA	0	0	
mORF_+_3780585	3780585	3780668	+	3	84	TTG	TAG	0	0	
mORF_+_3780668	3780668	3780703	+	2	36	GTG	TAG	0	0	
mORF_+_3780687	3780687	3780752	+	3	66	TTG	TGA	0	0	
mORF_+_3780691	3780691	3780933	+	1	243	GTG	TAA	0	0	

mORF_+_3780749	3780749	3781237	+	2	489	TTG	TAA	0	0	
mORF_+_3780819	3780819	3780827	+	3	9	TTG	TAG	0	0	
mORF_+_3780873	3780873	3780881	+	3	9	ATG	TGA	0	0	
mORF_+_3780891	3780891	3781148	+	3	258	ATG	TAA	0	0	
mORF_+_3781161	3781161	3781205	+	3	45	TTG	TGA	0	0	
mORF_+_3781264	3781264	3781278	+	1	15	TTG	TAA	0	0	
mORF_+_3781292	3781292	3781303	+	2	12	TTG	TAA	0	0	
mORF_+_3781356	3781356	3781742	+	3	387	TTG	TGA	0	0	
mORF_+_3781393	3781393	3781401	+	1	9	GTG	TAA	0	0	
mORF_+_3781427	3781427	3781666	+	2	240	ATG	TGA	0	0	
mORF_+_3781558	3781558	3781620	+	1	63	TTG	TGA	0	0	
mORF_+_3781663	3781663	3782148	+	1	486	TTG	TGA	0	0	
mORF_+_3781676	3781676	3781696	+	2	21	TTG	TGA	0	0	
mORF_+_3781739	3781739	3781918	+	2	180	ATG	TGA	0	0	
mORF_+_3781785	3781785	3781811	+	3	27	ATG	TGA	0	0	
mORF_+_3781851	3781851	3781967	+	3	117	ATG	TAA	0	0	
mORF_+_3782010	3782010	3782033	+	3	24	ATG	TAA	0	0	
mORF_+_3782096	3782096	3782104	+	2	9	TTG	TAA	0	0	
mORF_+_3782132	3782132	3782197	+	2	66	GTG	TAA	0	0	
mORF_+_3782152	3782152	3782157	+	1	6	GTG	TAG	0	0	
mORF_+_3782169	3782169	3782492	+	3	324	GTG	TGA	0	0	
mORF_+_3782197	3782197	3782448	+	1	252	ATG	TAG	0	0	
mORF_+_3782243	3782243	3782296	+	2	54	GTG	TAA	0	0	
mORF_+_3782405	3782405	3782467	+	2	63	GTG	TAA	0	0	
mORF_+_3782458	3782458	3782472	+	1	15	TTG	TAG	0	0	
mORF_+_3782499	3782499	3782576	+	3	78	ATG	TAA	0	0	
mORF_+_3782525	3782525	3782566	+	2	42	GTG	TAA	0	0	
mORF_+_3782567	3782567	3782605	+	2	39	TTG	TAA	0	0	
mORF_+_3782611	3782611	3782859	+	1	249	TTG	TGA	0	0	
mORF_+_3782676	3782676	3782864	+	3	189	TTG	TAA	0	0	
mORF_+_3782699	3782699	3782749	+	2	51	GTG	TAA	0	0	
mORF_+_3782887	3782887	3783009	+	1	123	TTG	TGA	0	0	
mORF_+_3783006	3783006	3783047	+	3	42	ATG	TAA	0	0	
mORF_+_3783037	3783037	3783069	+	1	33	ATG	TAA	0	0	
mORF_+_3783062	3783062	3783259	+	2	198	GTG	TGA	0	0	
mORF_+_3783099	3783099	3783125	+	3	27	GTG	TAA	0	0	
mORF_+_3783139	3783139	3784827	+	1	1689	TTG	TAA	80	1476	pORF_+_3783139
mORF_+_3783263	3783263	3783316	+	2	54	TTG	TGA	0	0	
mORF_+_3783323	3783323	3783385	+	2	63	ATG	TAA	0	0	
mORF_+_3783389	3783389	3783421	+	2	33	ATG	TAA	0	0	
mORF_+_3783396	3783396	3783455	+	3	60	GTG	TGA	0	0	
mORF_+_3783497	3783497	3783526	+	2	30	GTG	TGA	0	0	
mORF_+_3783539	3783539	3783580	+	2	42	TTG	TGA	0	0	
mORF_+_3783737	3783737	3783781	+	2	45	TTG	TGA	0	0	
mORF_+_3783800	3783800	3783826	+	2	27	TTG	TAG	0	0	
mORF_+_3783836	3783836	3783883	+	2	48	TTG	TAG	0	0	
mORF_+_3783870	3783870	3783896	+	3	27	TTG	TGA	0	0	
mORF_+_3783893	3783893	3783904	+	2	12	ATG	TGA	0	0	
mORF_+_3783941	3783941	3783991	+	2	51	TTG	TGA	0	0	
mORF_+_3784007	3784007	3784054	+	2	48	GTG	TGA	0	0	
mORF_+_3784070	3784070	3784108	+	2	39	GTG	TGA	0	0	
mORF_+_3784121	3784121	3784162	+	2	42	ATG	TGA	0	0	
mORF_+_3784199	3784199	3784327	+	2	129	TTG	TAG	0	0	
mORF_+_3784239	3784239	3784475	+	3	237	GTG	TAA	0	0	
mORF_+_3784433	3784433	3784498	+	2	66	TTG	TAG	0	0	
mORF_+_3784535	3784535	3784603	+	2	69	TTG	TGA	0	0	
mORF_+_3784700	3784700	3784717	+	2	18	TTG	TGA	0	0	
mORF_+_3784724	3784724	3784771	+	2	48	TTG	TGA	0	0	
mORF_+_3784837	3784837	3786120	+	1	1284	ATG	TAA	4	11	pORF_+_3784837
mORF_+_3784889	3784889	3785065	+	2	177	TTG	TGA	0	0	
mORF_+_3784941	3784941	3784967	+	3	27	GTG	TGA	0	0	
mORF_+_3785147	3785147	3785158	+	2	12	TTG	TGA	0	0	
mORF_+_3785168	3785168	3785266	+	2	99	TTG	TGA	0	0	

mORF_+_3785276	3785276	3785359	+	2	84	GTG	TGA	0	0	
mORF_+_3785369	3785369	3785464	+	2	96	GTG	TGA	0	0	
mORF_+_3785579	3785579	3785713	+	2	135	TTG	TGA	0	0	
mORF_+_3785726	3785726	3785884	+	2	159	GTG	TGA	0	0	
mORF_+_3785927	3785927	3785950	+	2	24	TTG	TGA	0	0	
mORF_+_3785987	3785987	3786352	+	2	366	TTG	TGA	0	0	
mORF_+_3786105	3786105	3786143	+	3	39	GTG	TAA	0	0	
mORF_+_3786124	3786124	3787083	+	1	960	TTG	TAA	2	4	pORF_+_3786124
mORF_+_3786431	3786431	3786508	+	2	78	TTG	TGA	0	0	
mORF_+_3786521	3786521	3786538	+	2	18	TTG	TGA	0	0	
mORF_+_3786671	3786671	3786820	+	2	150	ATG	TGA	0	0	
mORF_+_3786839	3786839	3786916	+	2	78	ATG	TGA	0	0	
mORF_+_3786921	3786921	3786959	+	3	39	GTG	TAA	0	0	
mORF_+_3786953	3786953	3786979	+	2	27	ATG	TAA	0	0	
mORF_+_3787026	3787026	3787067	+	3	42	GTG	TAA	0	0	
mORF_+_3787098	3787098	3787166	+	3	69	ATG	TAA	0	0	
mORF_+_3787103	3787103	3787138	+	2	36	ATG	TAA	0	0	
mORF_+_3787188	3787188	3787301	+	3	114	TTG	TAA	0	0	
mORF_+_3787241	3787241	3787360	+	2	120	TTG	TAA	0	0	
mORF_+_3787291	3787291	3787335	+	1	45	ATG	TAA	0	0	
mORF_+_3787338	3787338	3787349	+	3	12	TTG	TAA	0	0	
mORF_+_3787391	3787391	3787444	+	2	54	GTG	TGA	0	0	
mORF_+_3787451	3787451	3787471	+	2	21	ATG	TAA	0	0	
mORF_+_3787471	3787471	3787506	+	1	36	ATG	TAA	0	0	
mORF_+_3787475	3787475	3787546	+	2	72	TTG	TAA	0	0	
mORF_+_3787509	3787509	3787538	+	3	30	ATG	TGA	0	0	
mORF_+_3787519	3787519	3787557	+	1	39	TTG	TAA	0	0	
mORF_+_3787563	3787563	3787595	+	3	33	ATG	TAA	0	0	
mORF_+_3787613	3787613	3787666	+	2	54	GTG	TAA	0	0	
mORF_+_3787675	3787675	3787983	+	1	309	TTG	TAA	0	0	
mORF_+_3787692	3787692	3787811	+	3	120	GTG	TAG	0	0	
mORF_+_3787703	3787703	3787774	+	2	72	TTG	TAA	0	0	
mORF_+_3787845	3787845	3787904	+	3	60	TTG	TGA	0	0	
mORF_+_3787904	3787904	3787972	+	2	69	ATG	TGA	0	0	
mORF_+_3787989	3787989	3788135	+	3	147	ATG	TGA	0	0	
mORF_+_3788012	3788012	3788023	+	2	12	TTG	TAA	0	0	
mORF_+_3788149	3788149	3788157	+	1	9	TTG	TAA	0	0	
mORF_+_3788173	3788173	3788196	+	1	24	GTG	TGA	0	0	
mORF_+_3788193	3788193	3788240	+	3	48	GTG	TAA	0	0	
mORF_+_3788334	3788334	3788690	+	3	357	TTG	TAA	0	0	
mORF_+_3788434	3788434	3788463	+	1	30	ATG	TGA	0	0	
mORF_+_3788479	3788479	3788511	+	1	33	TTG	TAA	0	0	
mORF_+_3788521	3788521	3788607	+	1	87	ATG	TGA	0	0	
mORF_+_3788611	3788611	3789087	+	1	477	ATG	TGA	0	0	
mORF_+_3788804	3788804	3788839	+	2	36	GTG	TAA	0	0	
mORF_+_3788814	3788814	3788942	+	3	129	GTG	TAA	0	0	
mORF_+_3788933	3788933	3788971	+	2	39	TTG	TGA	0	0	
mORF_+_3788981	3788981	3789025	+	2	45	ATG	TAA	0	0	
mORF_+_3789054	3789054	3789359	+	3	306	ATG	TAA	0	0	
mORF_+_3789094	3789094	3789150	+	1	57	GTG	TGA	0	0	
mORF_+_3789205	3789205	3789237	+	1	33	ATG	TAG	0	0	
mORF_+_3789238	3789238	3789243	+	1	6	ATG	TGA	0	0	
mORF_+_3789259	3789259	3789486	+	1	228	ATG	TGA	0	0	
mORF_+_3789396	3789396	3790022	+	3	627	TTG	TGA	0	0	
mORF_+_3789416	3789416	3789436	+	2	21	ATG	TAA	0	0	
mORF_+_3789526	3789526	3789603	+	1	78	ATG	TGA	0	0	
mORF_+_3789715	3789715	3789819	+	1	105	TTG	TAA	0	0	
mORF_+_3789740	3789740	3789862	+	2	123	GTG	TGA	0	0	
mORF_+_3789859	3789859	3790053	+	1	195	GTG	TGA	0	0	
mORF_+_3790019	3790019	3790132	+	2	114	TTG	TAG	0	0	
mORF_+_3790050	3790050	3790550	+	3	501	ATG	TAA	0	0	
mORF_+_3790108	3790108	3790119	+	1	12	TTG	TAG	0	0	
mORF_+_3790135	3790135	3790254	+	1	120	TTG	TAG	0	0	

mORF_+_3790175	3790175	3790189	+	2	15	GTG	TAA	0	0	
mORF_+_3790321	3790321	3790362	+	1	42	GTG	TGA	0	0	
mORF_+_3790379	3790379	3790441	+	2	63	TTG	TAA	0	0	
mORF_+_3790423	3790423	3790557	+	1	135	TTG	TGA	0	0	
mORF_+_3790526	3790526	3790648	+	2	123	GTG	TAA	0	0	
mORF_+_3790677	3790677	3790682	+	3	6	GTG	TAA	0	0	
mORF_+_3790684	3790684	3790710	+	1	27	TTG	TAG	0	0	
mORF_+_3790729	3790729	3790752	+	1	24	TTG	TGA	0	0	
mORF_+_3790742	3790742	3790771	+	2	30	ATG	TAA	0	0	
mORF_+_3790749	3790749	3790766	+	3	18	TTG	TGA	0	0	
mORF_+_3790781	3790781	3790837	+	2	57	ATG	TAA	0	0	
mORF_+_3790813	3790813	3790860	+	1	48	TTG	TGA	0	0	
mORF_+_3790857	3790857	3790910	+	3	54	TTG	TGA	0	0	
mORF_+_3790898	3790898	3790951	+	2	54	GTG	TAG	0	0	
mORF_+_3790958	3790958	3790981	+	2	24	TTG	TAA	0	0	
mORF_+_3790988	3790988	3791044	+	2	57	ATG	TGA	0	0	
mORF_+_3791031	3791031	3791111	+	3	81	GTG	TAA	0	0	
mORF_+_3791041	3791041	3791058	+	1	18	TTG	TAA	0	0	
mORF_+_3791080	3791080	3791088	+	1	9	ATG	TGA	0	0	
mORF_+_3791119	3791119	3791301	+	1	183	ATG	TAA	0	0	
mORF_+_3791123	3791123	3791155	+	2	33	TTG	TGA	0	0	
mORF_+_3791157	3791157	3791162	+	3	6	ATG	TGA	0	0	
mORF_+_3791159	3791159	3791263	+	2	105	GTG	TAG	0	0	
mORF_+_3791211	3791211	3791312	+	3	102	ATG	TGA	0	0	
mORF_+_3791306	3791306	3791332	+	2	27	ATG	TAG	0	0	
mORF_+_3791364	3791364	3791414	+	3	51	GTG	TAA	0	0	
mORF_+_3791389	3791389	3791613	+	1	225	TTG	TGA	0	0	
mORF_+_3791493	3791493	3791549	+	3	57	TTG	TGA	0	0	
mORF_+_3791507	3791507	3791593	+	2	87	TTG	TAA	0	0	
mORF_+_3791571	3791571	3791597	+	3	27	GTG	TAA	0	0	
mORF_+_3791666	3791666	3791755	+	2	90	ATG	TAA	0	0	
mORF_+_3791676	3791676	3791684	+	3	9	ATG	TGA	0	0	
mORF_+_3791688	3791688	3791729	+	3	42	TTG	TAA	0	0	
mORF_+_3791760	3791760	3791870	+	3	111	ATG	TAG	0	0	
mORF_+_3791786	3791786	3791929	+	2	144	ATG	TGA	0	0	
mORF_+_3791839	3791839	3791862	+	1	24	ATG	TGA	0	0	
mORF_+_3791916	3791916	3791921	+	3	6	ATG	TAA	0	0	
mORF_+_3791940	3791940	3791945	+	3	6	ATG	TGA	0	0	
mORF_+_3791942	3791942	3791953	+	2	12	GTG	TGA	0	0	
mORF_+_3791950	3791950	3791973	+	1	24	ATG	TGA	0	0	
mORF_+_3791966	3791966	3792013	+	2	48	GTG	TGA	0	0	
mORF_+_3791976	3791976	3791993	+	3	18	TTG	TAA	0	0	
mORF_+_3792010	3792010	3792942	+	1	933	ATG	TAA	77	851	pORF_+_3792010
mORF_+_3792068	3792068	3792109	+	2	42	ATG	TGA	0	0	
mORF_+_3792125	3792125	3792130	+	2	6	TTG	TGA	0	0	
mORF_+_3792212	3792212	3792277	+	2	66	ATG	TGA	0	0	
mORF_+_3792240	3792240	3792284	+	3	45	GTG	TAA	0	0	
mORF_+_3792329	3792329	3792421	+	2	93	GTG	TGA	0	0	
mORF_+_3792449	3792449	3792670	+	2	222	TTG	TGA	0	0	
mORF_+_3792675	3792675	3792752	+	3	78	GTG	TGA	0	0	
mORF_+_3792689	3792689	3792748	+	2	60	ATG	TAG	0	0	
mORF_+_3792752	3792752	3792814	+	2	63	ATG	TGA	0	0	
mORF_+_3792893	3792893	3792907	+	2	15	TTG	TAA	0	0	
mORF_+_3792952	3792952	3793998	+	1	1047	ATG	TGA	11	30	pORF_+_3792952
mORF_+_3792978	3792978	3793106	+	3	129	TTG	TAA	0	0	
mORF_+_3792983	3792983	3792994	+	2	12	TTG	TGA	0	0	
mORF_+_3793052	3793052	3793057	+	2	6	ATG	TGA	0	0	
mORF_+_3793181	3793181	3793237	+	2	57	GTG	TAG	0	0	
mORF_+_3793307	3793307	3793342	+	2	36	ATG	TAA	0	0	
mORF_+_3793370	3793370	3793438	+	2	69	ATG	TGA	0	0	
mORF_+_3793419	3793419	3793448	+	3	30	ATG	TGA	0	0	
mORF_+_3793445	3793445	3793498	+	2	54	GTG	TGA	0	0	
mORF_+_3793499	3793499	3793579	+	2	81	TTG	TGA	0	0	

mORF_+_3793506	3793506	3793583	+	3	78	TTG	TGA	0	0	
mORF_+_3793580	3793580	3793657	+	2	78	TTG	TGA	0	0	
mORF_+_3793674	3793674	3793709	+	3	36	ATG	TGA	0	0	
mORF_+_3793706	3793706	3793726	+	2	21	TTG	TGA	0	0	
mORF_+_3793727	3793727	3793768	+	2	42	TTG	TGA	0	0	
mORF_+_3793772	3793772	3793864	+	2	93	ATG	TGA	0	0	
mORF_+_3793901	3793901	3793933	+	2	33	GTG	TAA	0	0	
mORF_+_3794002	3794002	3794961	+	1	960	ATG	TAA	0	0	
mORF_+_3794039	3794039	3794215	+	2	177	ATG	TAA	0	0	
mORF_+_3794237	3794237	3794293	+	2	57	GTG	TAA	0	0	
mORF_+_3794324	3794324	3794332	+	2	9	ATG	TAA	0	0	
mORF_+_3794336	3794336	3794371	+	2	36	ATG	TAG	0	0	
mORF_+_3794402	3794402	3794425	+	2	24	TTG	TAG	0	0	
mORF_+_3794444	3794444	3794512	+	2	69	TTG	TGA	0	0	
mORF_+_3794528	3794528	3794608	+	2	81	ATG	TGA	0	0	
mORF_+_3794609	3794609	3794728	+	2	120	TTG	TGA	0	0	
mORF_+_3794649	3794649	3794666	+	3	18	GTG	TGA	0	0	
mORF_+_3794741	3794741	3794773	+	2	33	TTG	TAG	0	0	
mORF_+_3794837	3794837	3794860	+	2	24	ATG	TAA	0	0	
mORF_+_3794861	3794861	3794914	+	2	54	TTG	TAA	0	0	
mORF_+_3794889	3794889	3794894	+	3	6	ATG	TAG	0	0	
mORF_+_3794971	3794971	3796230	+	1	1260	ATG	TAA	2	5	pORF_+_3794971
mORF_+_3795054	3795054	3795089	+	3	36	ATG	TAA	0	0	
mORF_+_3795074	3795074	3795103	+	2	30	TTG	TAA	0	0	
mORF_+_3795129	3795129	3795173	+	3	45	TTG	TAA	0	0	
mORF_+_3795152	3795152	3795178	+	2	27	GTG	TAA	0	0	
mORF_+_3795221	3795221	3795229	+	2	9	TTG	TAA	0	0	
mORF_+_3795231	3795231	3795248	+	3	18	TTG	TAA	0	0	
mORF_+_3795269	3795269	3795292	+	2	24	GTG	TAA	0	0	
mORF_+_3795314	3795314	3795337	+	2	24	TTG	TGA	0	0	
mORF_+_3795371	3795371	3795406	+	2	36	GTG	TAA	0	0	
mORF_+_3795407	3795407	3795469	+	2	63	TTG	TAG	0	0	
mORF_+_3795518	3795518	3795571	+	2	54	GTG	TAA	0	0	
mORF_+_3795576	3795576	3795671	+	3	96	TTG	TAA	0	0	
mORF_+_3795590	3795590	3795604	+	2	15	ATG	TAA	0	0	
mORF_+_3795644	3795644	3795658	+	2	15	GTG	TAA	0	0	
mORF_+_3795701	3795701	3795712	+	2	12	TTG	TAA	0	0	
mORF_+_3795713	3795713	3795724	+	2	12	TTG	TAG	0	0	
mORF_+_3795731	3795731	3795781	+	2	51	TTG	TAA	0	0	
mORF_+_3795782	3795782	3795790	+	2	9	ATG	TAA	0	0	
mORF_+_3795803	3795803	3795826	+	2	24	ATG	TAG	0	0	
mORF_+_3795827	3795827	3795859	+	2	33	GTG	TAA	0	0	
mORF_+_3795929	3795929	3795949	+	2	21	TTG	TAA	0	0	
mORF_+_3795986	3795986	3795994	+	2	9	ATG	TAA	0	0	
mORF_+_3795995	3795995	3796012	+	2	18	TTG	TGA	0	0	
mORF_+_3796109	3796109	3796141	+	2	33	TTG	TGA	0	0	
mORF_+_3796146	3796146	3796205	+	3	60	ATG	TAA	0	0	
mORF_+_3796250	3796250	3796258	+	2	9	GTG	TAA	0	0	
mORF_+_3796336	3796336	3796359	+	1	24	ATG	TAG	0	0	
mORF_+_3796352	3796352	3796387	+	2	36	TTG	TAA	0	0	
mORF_+_3796388	3796388	3796414	+	2	27	ATG	TGA	0	0	
mORF_+_3796411	3796411	3796419	+	1	9	GTG	TAG	0	0	
mORF_+_3796426	3796426	3796488	+	1	63	ATG	TGA	0	0	
mORF_+_3796442	3796442	3796543	+	2	102	ATG	TAG	0	0	
mORF_+_3796485	3796485	3796523	+	3	39	ATG	TAA	0	0	
mORF_+_3796537	3796537	3796596	+	1	60	ATG	TAA	0	0	
mORF_+_3796580	3796580	3796588	+	2	9	TTG	TAA	0	0	
mORF_+_3796619	3796619	3796690	+	2	72	GTG	TAA	0	0	
mORF_+_3796621	3796621	3796644	+	1	24	GTG	TAA	0	0	
mORF_+_3796681	3796681	3796698	+	1	18	TTG	TAA	0	0	
mORF_+_3796701	3796701	3796772	+	3	72	ATG	TAG	0	0	
mORF_+_3796711	3796711	3796725	+	1	15	TTG	TAA	0	0	
mORF_+_3796760	3796760	3796846	+	2	87	ATG	TAA	0	0	

mORF_+_3796773	3796773	3796799	+	3	27	TTG	TAA	0	0
mORF_+_3796819	3796819	3796950	+	1	132	TTG	TAA	0	0
mORF_+_3796856	3796856	3796873	+	2	18	GTG	TGA	0	0
mORF_+_3796892	3796892	3796924	+	2	33	ATG	TAA	0	0
mORF_+_3796908	3796908	3796913	+	3	6	ATG	TAA	0	0
mORF_+_3796943	3796943	3796954	+	2	12	ATG	TGA	0	0
mORF_+_3796951	3796951	3796962	+	1	12	ATG	TAG	0	0
mORF_+_3797006	3797006	3797017	+	2	12	ATG	TAG	0	0
mORF_+_3797041	3797041	3797052	+	1	12	TTG	TAA	0	0
mORF_+_3797107	3797107	3797112	+	1	6	TTG	TGA	0	0
mORF_+_3797109	3797109	3797141	+	3	33	GTG	TAA	0	0
mORF_+_3797195	3797195	3797212	+	2	18	ATG	TGA	0	0
mORF_+_3797209	3797209	3797217	+	1	9	ATG	TAA	0	0
mORF_+_3797219	3797219	3797263	+	2	45	TTG	TAA	0	0
mORF_+_3797221	3797221	3797235	+	1	15	GTG	TAA	0	0
mORF_+_3797283	3797283	3797300	+	3	18	TTG	TAA	0	0
mORF_+_3797313	3797313	3797318	+	3	6	TTG	TGA	0	0
mORF_+_3797315	3797315	3797329	+	2	15	GTG	TAA	0	0
mORF_+_3797364	3797364	3797375	+	3	12	ATG	TAG	0	0
mORF_+_3797388	3797388	3797444	+	3	57	TTG	TGA	0	0
mORF_+_3797401	3797401	3797430	+	1	30	TTG	TGA	0	0
mORF_+_3797444	3797444	3797452	+	2	9	ATG	TGA	0	0
mORF_+_3797449	3797449	3797499	+	1	51	TTG	TGA	0	0
mORF_+_3797463	3797463	3797486	+	3	24	ATG	TAG	0	0
mORF_+_3797533	3797533	3797568	+	1	36	ATG	TAA	0	0
mORF_+_3797550	3797550	3797564	+	3	15	ATG	TGA	0	0
mORF_+_3797561	3797561	3797614	+	2	54	TTG	TAG	0	0
mORF_+_3797673	3797673	3797708	+	3	36	GTG	TAG	0	0
mORF_+_3797686	3797686	3797718	+	1	33	TTG	TGA	0	0
mORF_+_3797715	3797715	3797735	+	3	21	ATG	TAA	0	0
mORF_+_3797735	3797735	3797803	+	2	69	ATG	TGA	0	0
mORF_+_3797800	3797800	3797874	+	1	75	GTG	TAA	0	0
mORF_+_3797912	3797912	3797929	+	2	18	TTG	TAA	0	0
mORF_+_3797920	3797920	3798000	+	1	81	GTG	TAA	0	0
mORF_+_3797945	3797945	3797953	+	2	9	ATG	TAA	0	0
mORF_+_3798058	3798058	3798099	+	1	42	TTG	TAA	0	0
mORF_+_3798071	3798071	3798232	+	2	162	TTG	TGA	0	0
mORF_+_3798090	3798090	3798128	+	3	39	TTG	TAG	0	0
mORF_+_3798118	3798118	3798237	+	1	120	TTG	TAA	0	0
mORF_+_3798262	3798262	3798324	+	1	63	GTG	TAA	0	0
mORF_+_3798270	3798270	3798275	+	3	6	ATG	TAA	0	0
mORF_+_3798276	3798276	3798293	+	3	18	TTG	TAG	0	0
mORF_+_3798278	3798278	3798352	+	2	75	GTG	TAA	0	0
mORF_+_3798327	3798327	3798359	+	3	33	TTG	TAA	0	0
mORF_+_3798395	3798395	3798406	+	2	12	ATG	TAA	0	0
mORF_+_3798489	3798489	3798533	+	3	45	ATG	TGA	0	0
mORF_+_3798503	3798503	3798538	+	2	36	ATG	TAA	0	0
mORF_+_3798547	3798547	3798627	+	1	81	TTG	TGA	0	0
mORF_+_3798551	3798551	3798571	+	2	21	TTG	TAG	0	0
mORF_+_3798606	3798606	3798638	+	3	33	ATG	TAA	0	0
mORF_+_3798641	3798641	3798655	+	2	15	ATG	TAA	0	0
mORF_+_3798687	3798687	3798746	+	3	60	TTG	TAA	0	0
mORF_+_3798691	3798691	3798771	+	1	81	GTG	TAA	0	0
mORF_+_3798719	3798719	3798760	+	2	42	TTG	TAA	0	0
mORF_+_3798853	3798853	3798867	+	1	15	TTG	TAG	0	0
mORF_+_3798879	3798879	3798899	+	3	21	TTG	TAA	0	0
mORF_+_3798921	3798921	3798983	+	3	63	TTG	TGA	0	0
mORF_+_3798931	3798931	3798951	+	1	21	TTG	TAA	0	0
mORF_+_3799003	3799003	3799059	+	1	57	ATG	TGA	0	0
mORF_+_3799066	3799066	3799080	+	1	15	ATG	TAA	0	0
mORF_+_3799084	3799084	3799116	+	1	33	ATG	TGA	0	0
mORF_+_3799113	3799113	3799217	+	3	105	TTG	TAG	0	0
mORF_+_3799202	3799202	3799231	+	2	30	TTG	TAA	0	0

mORF_+_3799204	3799204	3799293	+	1	90	GTG	TAA	0	0
mORF_+_3799218	3799218	3799238	+	3	21	TTG	TAA	0	0
mORF_+_3799278	3799278	3799304	+	3	27	GTG	TAA	0	0
mORF_+_3799283	3799283	3799312	+	2	30	TTG	TAA	0	0
mORF_+_3799305	3799305	3799370	+	3	66	TTG	TAA	0	0
mORF_+_3799319	3799319	3799378	+	2	60	TTG	TGA	0	0
mORF_+_3799440	3799440	3799487	+	3	48	TTG	TAA	0	0
mORF_+_3799537	3799537	3799584	+	1	48	TTG	TAA	0	0
mORF_+_3799542	3799542	3799559	+	3	18	TTG	TAA	0	0
mORF_+_3799591	3799591	3799596	+	1	6	ATG	TAA	0	0
mORF_+_3799600	3799600	3799662	+	1	63	TTG	TAA	0	0
mORF_+_3799672	3799672	3799686	+	1	15	TTG	TAA	0	0
mORF_+_3799677	3799677	3799751	+	3	75	ATG	TAA	0	0
mORF_+_3799745	3799745	3799807	+	2	63	GTG	TGA	0	0
mORF_+_3799774	3799774	3799872	+	1	99	TTG	TAG	0	0
mORF_+_3799794	3799794	3799838	+	3	45	TTG	TAA	0	0
mORF_+_3799878	3799878	3799886	+	3	9	TTG	TGA	0	0
mORF_+_3799883	3799883	3799912	+	2	30	GTG	TAA	0	0
mORF_+_3800003	3800003	3800065	+	2	63	ATG	TAA	0	0
mORF_+_3800013	3800013	3800051	+	3	39	ATG	TAG	0	0
mORF_+_3800065	3800065	3800115	+	1	51	ATG	TAG	0	0
mORF_+_3800099	3800099	3800161	+	2	63	TTG	TGA	0	0
mORF_+_3800122	3800122	3800157	+	1	36	ATG	TAA	0	0
mORF_+_3800142	3800142	3800225	+	3	84	TTG	TAA	0	0
mORF_+_3800158	3800158	3800235	+	1	78	TTG	TGA	0	0
mORF_+_3800162	3800162	3800245	+	2	84	TTG	TAA	0	0
mORF_+_3800232	3800232	3800294	+	3	63	GTG	TAA	0	0
mORF_+_3800260	3800260	3800349	+	1	90	ATG	TAA	0	0
mORF_+_3800270	3800270	3800287	+	2	18	TTG	TAA	0	0
mORF_+_3800306	3800306	3800341	+	2	36	TTG	TGA	0	0
mORF_+_3800360	3800360	3800422	+	2	63	GTG	TGA	0	0
mORF_+_3800428	3800428	3800463	+	1	36	ATG	TAG	0	0
mORF_+_3800430	3800430	3800444	+	3	15	GTG	TGA	0	0
mORF_+_3800441	3800441	3800494	+	2	54	TTG	TGA	0	0
mORF_+_3800466	3800466	3800474	+	3	9	TTG	TAG	0	0
mORF_+_3800478	3800478	3800516	+	3	39	GTG	TAA	0	0
mORF_+_3800503	3800503	3800523	+	1	21	TTG	TAA	0	0
mORF_+_3800572	3800572	3800643	+	1	72	ATG	TGA	0	0
mORF_+_3800619	3800619	3800651	+	3	33	TTG	TAA	0	0
mORF_+_3800655	3800655	3800666	+	3	12	GTG	TAG	0	0
mORF_+_3800678	3800678	3800698	+	2	21	ATG	TAA	0	0
mORF_+_3800754	3800754	3800774	+	3	21	TTG	TAG	0	0
mORF_+_3800758	3800758	3800787	+	1	30	ATG	TGA	0	0
mORF_+_3800774	3800774	3800884	+	2	111	GTG	TAA	0	0
mORF_+_3800784	3800784	3800807	+	3	24	ATG	TAA	0	0
mORF_+_3800896	3800896	3800931	+	1	36	ATG	TAA	0	0
mORF_+_3800934	3800934	3801038	+	3	105	TTG	TAA	0	0
mORF_+_3800972	3800972	3800986	+	2	15	TTG	TAA	0	0
mORF_+_3800990	3800990	3801025	+	2	36	ATG	TGA	0	0
mORF_+_3801022	3801022	3801042	+	1	21	ATG	TGA	0	0
mORF_+_3801117	3801117	3801122	+	3	6	ATG	TAA	0	0
mORF_+_3801141	3801141	3801215	+	3	75	TTG	TAG	0	0
mORF_+_3801246	3801246	3801347	+	3	102	TTG	TAG	0	0
mORF_+_3801262	3801262	3801276	+	1	15	TTG	TGA	0	0
mORF_+_3801280	3801280	3801486	+	1	207	ATG	TAA	0	0
mORF_+_3801353	3801353	3801379	+	2	27	TTG	TGA	0	0
mORF_+_3801408	3801408	3801473	+	3	66	TTG	TAA	0	0
mORF_+_3801525	3801525	3801554	+	3	30	ATG	TGA	0	0
mORF_+_3801551	3801551	3801577	+	2	27	GTG	TAA	0	0
mORF_+_3801623	3801623	3801655	+	2	33	TTG	TGA	0	0
mORF_+_3801652	3801652	3801759	+	1	108	ATG	TGA	0	0
mORF_+_3801726	3801726	3801755	+	3	30	TTG	TAA	0	0
mORF_+_3801749	3801749	3801775	+	2	27	TTG	TGA	0	0

mORF_+_3801756	3801756	3801803	+	3	48	ATG	TAA	0	0
mORF_+_3801772	3801772	3801798	+	1	27	GTG	TGA	0	0
mORF_+_3801810	3801810	3801821	+	3	12	ATG	TGA	0	0
mORF_+_3801812	3801812	3801898	+	2	87	GTG	TAA	0	0
mORF_+_3801909	3801909	3801935	+	3	27	TTG	TAG	0	0
mORF_+_3801939	3801939	3801971	+	3	33	ATG	TAA	0	0
mORF_+_3801979	3801979	3802179	+	1	201	TTG	TGA	0	0
mORF_+_3801986	3801986	3802003	+	2	18	ATG	TAA	0	0
mORF_+_3802062	3802062	3802175	+	3	114	TTG	TAA	0	0
mORF_+_3802176	3802176	3802217	+	3	42	TTG	TAA	0	0
mORF_+_3802208	3802208	3802276	+	2	69	TTG	TAA	0	0
mORF_+_3802233	3802233	3802256	+	3	24	TTG	TGA	0	0
mORF_+_3802281	3802281	3802289	+	3	9	TTG	TAA	0	0
mORF_+_3802293	3802293	3802301	+	3	9	ATG	TAA	0	0
mORF_+_3802330	3802330	3802371	+	1	42	ATG	TGA	0	0
mORF_+_3802409	3802409	3802516	+	2	108	TTG	TAA	0	0
mORF_+_3802419	3802419	3802484	+	3	66	GTG	TAG	0	0
mORF_+_3802450	3802450	3802491	+	1	42	TTG	TAA	0	0
mORF_+_3802491	3802491	3802502	+	3	12	ATG	TAA	0	0
mORF_+_3802522	3802522	3802545	+	1	24	TTG	TGA	0	0
mORF_+_3802542	3802542	3802553	+	3	12	TTG	TAG	0	0
mORF_+_3802554	3802554	3802571	+	3	18	ATG	TGA	0	0
mORF_+_3802568	3802568	3802636	+	2	69	TTG	TGA	0	0
mORF_+_3802599	3802599	3802628	+	3	30	GTG	TAA	0	0
mORF_+_3802633	3802633	3802698	+	1	66	TTG	TAA	0	0
mORF_+_3802671	3802671	3802712	+	3	42	TTG	TAA	0	0
mORF_+_3802688	3802688	3802705	+	2	18	TTG	TAA	0	0
mORF_+_3802738	3802738	3802851	+	1	114	TTG	TAG	0	0
mORF_+_3802746	3802746	3802754	+	3	9	TTG	TGA	0	0
mORF_+_3802751	3802751	3802807	+	2	57	TTG	TAA	0	0
mORF_+_3802864	3802864	3802884	+	1	21	ATG	TAA	0	0
mORF_+_3802888	3802888	3802977	+	1	90	TTG	TAA	0	0
mORF_+_3802895	3802895	3802963	+	2	69	TTG	TAA	0	0
mORF_+_3802967	3802967	3803089	+	2	123	TTG	TGA	0	0
mORF_+_3802989	3802989	3803027	+	3	39	ATG	TAA	0	0
mORF_+_3803043	3803043	3803126	+	3	84	TTG	TAA	0	0
mORF_+_3803186	3803186	3803287	+	2	102	TTG	TAA	0	0
mORF_+_3803191	3803191	3803241	+	1	51	TTG	TAA	0	0
mORF_+_3803193	3803193	3803207	+	3	15	GTG	TAA	0	0
mORF_+_3803226	3803226	3803297	+	3	72	TTG	TAA	0	0
mORF_+_3803314	3803314	3803337	+	1	24	TTG	TGA	0	0
mORF_+_3803334	3803334	3803420	+	3	87	TTG	TAA	0	0
mORF_+_3803407	3803407	3803424	+	1	18	ATG	TGA	0	0
mORF_+_3803454	3803454	3803531	+	3	78	ATG	TAG	0	0
mORF_+_3803461	3803461	3803649	+	1	189	ATG	TGA	0	0
mORF_+_3803480	3803480	3803485	+	2	6	ATG	TAA	0	0
mORF_+_3803532	3803532	3803561	+	3	30	TTG	TAA	0	0
mORF_+_3803579	3803579	3803602	+	2	24	TTG	TAA	0	0
mORF_+_3803616	3803616	3803627	+	3	12	TTG	TGA	0	0
mORF_+_3803618	3803618	3803731	+	2	114	GTG	TGA	0	0
mORF_+_3803646	3803646	3803735	+	3	90	ATG	TAG	0	0
mORF_+_3803728	3803728	3803778	+	1	51	ATG	TGA	0	0
mORF_+_3803775	3803775	3803795	+	3	21	ATG	TAA	0	0
mORF_+_3803805	3803805	3803828	+	3	24	ATG	TAA	0	0
mORF_+_3803816	3803816	3803836	+	2	21	TTG	TAG	0	0
mORF_+_3803818	3803818	3803862	+	1	45	GTG	TAA	0	0
mORF_+_3803862	3803862	3803912	+	3	51	ATG	TGA	0	0
mORF_+_3803909	3803909	3803977	+	2	69	TTG	TAA	0	0
mORF_+_3803943	3803943	3804029	+	3	87	GTG	TGA	0	0
mORF_+_3804041	3804041	3804088	+	2	48	ATG	TAA	0	0
mORF_+_3804073	3804073	3804141	+	1	69	ATG	TGA	0	0
mORF_+_3804113	3804113	3804199	+	2	87	TTG	TAA	0	0
mORF_+_3804138	3804138	3804170	+	3	33	ATG	TAA	0	0

mORF+_3804193	3804193	3804219	+	1	27	TTG	TGA	0	0	
mORF+_3804216	3804216	3804254	+	3	39	GTG	TGA	0	0	
mORF+_3804263	3804263	3804271	+	2	9	ATG	TAA	0	0	
mORF+_3804306	3804306	3804386	+	3	81	TTG	TGA	0	0	
mORF+_3804323	3804323	3804400	+	2	78	ATG	TAA	0	0	
mORF+_3804408	3804408	3804413	+	3	6	TTG	TGA	0	0	
mORF+_3804410	3804410	3804418	+	2	9	GTG	TAA	0	0	
mORF+_3804418	3804418	3804672	+	1	255	ATG	TAA	0	0	
mORF+_3804503	3804503	3804736	+	2	234	TTG	TGA	0	0	
mORF+_3804516	3804516	3804536	+	3	21	ATG	TAA	0	0	
mORF+_3804712	3804712	3804831	+	1	120	ATG	TAA	0	0	
mORF+_3804764	3804764	3805018	+	2	255	TTG	TGA	0	0	
mORF+_3804861	3804861	3804869	+	3	9	TTG	TGA	0	0	
mORF+_3804897	3804897	3804935	+	3	39	TTG	TGA	0	0	
mORF+_3804946	3804946	3805032	+	1	87	ATG	TAA	0	0	
mORF+_3805023	3805023	3805043	+	3	21	ATG	TGA	0	0	
mORF+_3805040	3805040	3805072	+	2	33	TTG	TAA	0	0	
mORF+_3805054	3805054	3805092	+	1	39	ATG	TAA	0	0	
mORF+_3805093	3805093	3805113	+	1	21	TTG	TGA	0	0	
mORF+_3805095	3805095	3805145	+	3	51	GTG	TAA	0	0	
mORF+_3805187	3805187	3805225	+	2	39	TTG	TGA	0	0	
mORF+_3805204	3805204	3805299	+	1	96	ATG	TAA	0	0	
mORF+_3805287	3805287	3805304	+	3	18	TTG	TAA	0	0	
mORF+_3805304	3805304	3805375	+	2	72	ATG	TGA	0	0	
mORF+_3805333	3805333	3805383	+	1	51	ATG	TAA	0	0	
mORF+_3805383	3805383	3805427	+	3	45	ATG	TAA	0	0	
mORF+_3805427	3805427	3805510	+	2	84	ATG	TGA	0	0	
mORF+_3805434	3805434	3805538	+	3	105	TTG	TAA	0	0	
mORF+_3805522	3805522	3805632	+	1	111	TTG	TAA	0	0	
mORF+_3805595	3805595	3805606	+	2	12	ATG	TAA	0	0	
mORF+_3805674	3805674	3805700	+	3	27	TTG	TAA	0	0	
mORF+_3805679	3805679	3805690	+	2	12	GTG	TAA	0	0	
mORF+_3805707	3805707	3805772	+	3	66	ATG	TGA	0	0	
mORF+_3805741	3805741	3805764	+	1	24	ATG	TAA	0	0	
mORF+_3805765	3805765	3805839	+	1	75	GTG	TAA	0	0	
mORF+_3805769	3805769	3805804	+	2	36	GTG	TGA	0	0	
mORF+_3805830	3805830	3805877	+	3	48	GTG	TAA	0	0	
mORF+_3805883	3805883	3805897	+	2	15	ATG	TAA	0	0	
mORF+_3805967	3805967	3805981	+	2	15	TTG	TAA	0	0	
mORF+_3806018	3806018	3806029	+	2	12	ATG	TGA	0	0	
mORF+_3806049	3806049	3806072	+	3	24	TTG	TGA	0	0	
mORF+_3806069	3806069	3806113	+	2	45	TTG	TGA	0	0	
mORF+_3806110	3806110	3806160	+	1	51	ATG	TAA	0	0	
mORF+_3806126	3806126	3806176	+	2	51	ATG	TGA	0	0	
mORF+_3806145	3806145	3806237	+	3	93	ATG	TGA	0	0	
mORF+_3806173	3806173	3806193	+	1	21	GTG	TAA	0	0	
mORF+_3806177	3806177	3806188	+	2	12	TTG	TAA	0	0	
mORF+_3806258	3806258	3806269	+	2	12	TTG	TAA	0	0	
mORF+_3806263	3806263	3806358	+	1	96	GTG	TAA	0	0	
mORF+_3806369	3806369	3806389	+	2	21	ATG	TAA	0	0	
mORF+_3806392	3806392	3806451	+	1	60	TTG	TAA	0	0	
mORF+_3806414	3806414	3806443	+	2	30	ATG	TGA	0	0	
mORF+_3806502	3806502	3806528	+	3	27	ATG	TAA	0	0	
mORF+_3806563	3806563	3807840	+	1	1278	ATG	TGA	9	21	pORF+_3806563
mORF+_3806669	3806669	3806701	+	2	33	GTG	TAA	0	0	
mORF+_3806738	3806738	3806809	+	2	72	GTG	TAA	0	0	
mORF+_3806861	3806861	3806917	+	2	57	ATG	TGA	0	0	
mORF+_3806961	3806961	3806969	+	3	9	ATG	TAA	0	0	
mORF+_3806975	3806975	3807010	+	2	36	TTG	TGA	0	0	
mORF+_3807050	3807050	3807100	+	2	51	ATG	TGA	0	0	
mORF+_3807101	3807101	3807166	+	2	66	TTG	TGA	0	0	
mORF+_3807243	3807243	3807398	+	3	156	GTG	TAA	0	0	
mORF+_3807269	3807269	3807307	+	2	39	TTG	TGA	0	0	

mORF_+_3807389	3807389	3807421	+	2	33	ATG	TAA	0	0	
mORF_+_3807470	3807470	3807499	+	2	30	TTG	TGA	0	0	
mORF_+_3807509	3807509	3807604	+	2	96	ATG	TGA	0	0	
mORF_+_3807636	3807636	3807737	+	3	102	TTG	TAG	0	0	
mORF_+_3807680	3807680	3808327	+	2	648	ATG	TAG	8	25	pORF_+_3807680
mORF_+_3807837	3807837	3807914	+	3	78	TTG	TGA	0	0	
mORF_+_3807954	3807954	3808067	+	3	114	TTG	TAA	0	0	
mORF_+_3808110	3808110	3808163	+	3	54	GTG	TGA	0	0	
mORF_+_3808191	3808191	3808202	+	3	12	GTG	TGA	0	0	
mORF_+_3808216	3808216	3808584	+	1	369	GTG	TAA	0	0	
mORF_+_3808269	3808269	3808310	+	3	42	ATG	TGA	0	0	
mORF_+_3808340	3808340	3808390	+	2	51	ATG	TAA	0	0	
mORF_+_3808395	3808395	3808415	+	3	21	TTG	TAG	0	0	
mORF_+_3808530	3808530	3808571	+	3	42	TTG	TAA	0	0	
mORF_+_3808608	3808608	3808715	+	3	108	GTG	TAA	0	0	
mORF_+_3808630	3808630	3808653	+	1	24	ATG	TGA	0	0	
mORF_+_3808691	3808691	3808744	+	2	54	TTG	TGA	0	0	
mORF_+_3808744	3808744	3808962	+	1	219	ATG	TAA	0	0	
mORF_+_3808760	3808760	3808864	+	2	105	TTG	TAG	0	0	
mORF_+_3808874	3808874	3808966	+	2	93	TTG	TGA	0	0	
mORF_+_3808963	3808963	3809046	+	1	84	ATG	TAA	0	0	
mORF_+_3808967	3808967	3809053	+	2	87	ATG	TAG	0	0	
mORF_+_3809087	3809087	3809104	+	2	18	TTG	TGA	0	0	
mORF_+_3809101	3809101	3809166	+	1	66	ATG	TAA	0	0	
mORF_+_3809108	3809108	3809464	+	2	357	ATG	TAG	0	0	
mORF_+_3809112	3809112	3809177	+	3	66	TTG	TAG	0	0	
mORF_+_3809197	3809197	3809280	+	1	84	ATG	TGA	0	0	
mORF_+_3809208	3809208	3809225	+	3	18	ATG	TAA	0	0	
mORF_+_3809253	3809253	3809297	+	3	45	TTG	TAG	0	0	
mORF_+_3809361	3809361	3809381	+	3	21	TTG	TAG	0	0	
mORF_+_3809412	3809412	3809456	+	3	45	TTG	TAA	0	0	
mORF_+_3809507	3809507	3809593	+	2	87	ATG	TGA	0	0	
mORF_+_3809590	3809590	3809790	+	1	201	GTG	TGA	0	0	
mORF_+_3809634	3809634	3809678	+	3	45	GTG	TAA	0	0	
mORF_+_3809648	3809648	3809722	+	2	75	TTG	TAG	0	0	
mORF_+_3809735	3809735	3809854	+	2	120	ATG	TGA	0	0	
mORF_+_3809787	3809787	3809909	+	3	123	GTG	TAG	0	0	
mORF_+_3809812	3809812	3809844	+	1	33	ATG	TAG	0	0	
mORF_+_3809864	3809864	3809917	+	2	54	GTG	TAA	0	0	
mORF_+_3809968	3809968	3809985	+	1	18	ATG	TAA	0	0	
mORF_+_3809990	3809990	3809998	+	2	9	ATG	TGA	0	0	
mORF_+_3810023	3810023	3810067	+	2	45	ATG	TGA	0	0	
mORF_+_3810064	3810064	3810150	+	1	87	GTG	TAG	0	0	
mORF_+_3810072	3810072	3810119	+	3	48	GTG	TAA	0	0	
mORF_+_3810152	3810152	3810313	+	2	162	GTG	TAG	0	0	
mORF_+_3810172	3810172	3810252	+	1	81	ATG	TAA	0	0	
mORF_+_3810373	3810373	3810408	+	1	36	ATG	TAA	0	0	
mORF_+_3810447	3810447	3810527	+	3	81	TTG	TAA	0	0	
mORF_+_3810567	3810567	3810674	+	3	108	GTG	TGA	0	0	
mORF_+_3810572	3810572	3810685	+	2	114	TTG	TGA	0	0	
mORF_+_3810682	3810682	3811974	+	1	1293	GTG	TAA	31	202	pORF_+_3810682
mORF_+_3810705	3810705	3810710	+	3	6	TTG	TGA	0	0	
mORF_+_3810707	3810707	3810757	+	2	51	GTG	TGA	0	0	
mORF_+_3810729	3810729	3810770	+	3	42	GTG	TAA	0	0	
mORF_+_3810800	3810800	3810865	+	2	66	TTG	TAG	0	0	
mORF_+_3810980	3810980	3811006	+	2	27	TTG	TAG	0	0	
mORF_+_3810993	3810993	3811001	+	3	9	ATG	TGA	0	0	
mORF_+_3811037	3811037	3811108	+	2	72	TTG	TAG	0	0	
mORF_+_3811083	3811083	3811163	+	3	81	TTG	TAA	0	0	
mORF_+_3811142	3811142	3811168	+	2	27	GTG	TAG	0	0	
mORF_+_3811175	3811175	3811264	+	2	90	TTG	TAA	0	0	
mORF_+_3811224	3811224	3811232	+	3	9	TTG	TGA	0	0	
mORF_+_3811268	3811268	3811285	+	2	18	TTG	TAG	0	0	

mORF_+_3811349	3811349	3811507	+	2	159	GTG	TGA	0	0	
mORF_+_3811538	3811538	3811654	+	2	117	ATG	TAA	0	0	
mORF_+_3811694	3811694	3811705	+	2	12	TTG	TAA	0	0	
mORF_+_3811727	3811727	3811801	+	2	75	TTG	TGA	0	0	
mORF_+_3811814	3811814	3811945	+	2	132	ATG	TGA	0	0	
mORF_+_3811952	3811952	3812410	+	2	459	ATG	TAA	21	289	pORF_+_3811952
mORF_+_3811992	3811992	3812075	+	3	84	TTG	TAG	0	0	
mORF_+_3812088	3812088	3812153	+	3	66	GTG	TGA	0	0	
mORF_+_3812196	3812196	3812210	+	3	15	TTG	TAG	0	0	
mORF_+_3812254	3812254	3812337	+	1	84	GTG	TGA	0	0	
mORF_+_3812262	3812262	3812312	+	3	51	GTG	TGA	0	0	
mORF_+_3812316	3812316	3812327	+	3	12	TTG	TAG	0	0	
mORF_+_3812376	3812376	3812429	+	3	54	GTG	TAA	0	0	
mORF_+_3812458	3812458	3812469	+	1	12	TTG	TAG	0	0	
mORF_+_3812471	3812471	3812515	+	2	45	GTG	TAA	0	0	
mORF_+_3812475	3812475	3813113	+	3	639	GTG	TAA	5	24	pORF_+_3812475
mORF_+_3812596	3812596	3812703	+	1	108	ATG	TGA	0	0	
mORF_+_3812704	3812704	3812727	+	1	24	TTG	TGA	0	0	
mORF_+_3812755	3812755	3812787	+	1	33	ATG	TGA	0	0	
mORF_+_3812788	3812788	3812832	+	1	45	TTG	TGA	0	0	
mORF_+_3812851	3812851	3812859	+	1	9	ATG	TAA	0	0	
mORF_+_3812863	3812863	3813093	+	1	231	TTG	TAA	0	0	
mORF_+_3813094	3813094	3813153	+	1	60	TTG	TAA	0	0	
mORF_+_3813125	3813125	3813181	+	2	57	ATG	TAA	0	0	
mORF_+_3813192	3813192	3813446	+	3	255	ATG	TAA	0	0	
mORF_+_3813244	3813244	3813273	+	1	30	GTG	TAA	0	0	
mORF_+_3813364	3813364	3813372	+	1	9	TTG	TGA	0	0	
mORF_+_3813409	3813409	3813528	+	1	120	GTG	TGA	0	0	
mORF_+_3813477	3813477	3813647	+	3	171	GTG	TAA	0	0	
mORF_+_3813485	3813485	3813502	+	2	18	TTG	TAA	0	0	
mORF_+_3813539	3813539	3813673	+	2	135	GTG	TAA	0	0	
mORF_+_3813553	3813553	3813579	+	1	27	GTG	TAA	0	0	
mORF_+_3813607	3813607	3813636	+	1	30	ATG	TAA	0	0	
mORF_+_3813685	3813685	3813696	+	1	12	TTG	TAG	0	0	
mORF_+_3813703	3813703	3813780	+	1	78	TTG	TGA	0	0	
mORF_+_3813782	3813782	3813853	+	2	72	ATG	TAA	0	0	
mORF_+_3813790	3813790	3813933	+	1	144	ATG	TAG	0	0	
mORF_+_3813891	3813891	3813929	+	3	39	ATG	TGA	0	0	
mORF_+_3813926	3813926	3814216	+	2	291	ATG	TGA	0	0	
mORF_+_3813940	3813940	3814152	+	1	213	ATG	TAG	0	0	
mORF_+_3814238	3814238	3814414	+	2	177	ATG	TGA	0	0	
mORF_+_3814311	3814311	3814367	+	3	57	TTG	TAG	0	0	
mORF_+_3814360	3814360	3814686	+	1	327	GTG	TAA	0	0	
mORF_+_3814371	3814371	3814397	+	3	27	GTG	TGA	0	0	
mORF_+_3814466	3814466	3814516	+	2	51	TTG	TAG	0	0	
mORF_+_3814509	3814509	3814532	+	3	24	TTG	TAA	0	0	
mORF_+_3814550	3814550	3814591	+	2	42	TTG	TGA	0	0	
mORF_+_3814599	3814599	3814643	+	3	45	GTG	TGA	0	0	
mORF_+_3814699	3814699	3815562	+	1	864	ATG	TAA	42	321	pORF_+_3814699
mORF_+_3814730	3814730	3814780	+	2	51	GTG	TAA	0	0	
mORF_+_3814746	3814746	3814829	+	3	84	ATG	TAG	0	0	
mORF_+_3814832	3814832	3814870	+	2	39	TTG	TGA	0	0	
mORF_+_3814887	3814887	3814904	+	3	18	ATG	TGA	0	0	
mORF_+_3814901	3814901	3814933	+	2	33	ATG	TGA	0	0	
mORF_+_3814994	3814994	3815044	+	2	51	GTG	TGA	0	0	
mORF_+_3815066	3815066	3815155	+	2	90	TTG	TGA	0	0	
mORF_+_3815235	3815235	3815246	+	3	12	ATG	TGA	0	0	
mORF_+_3815243	3815243	3815395	+	2	153	GTG	TGA	0	0	
mORF_+_3815411	3815411	3815434	+	2	24	TTG	TGA	0	0	
mORF_+_3815465	3815465	3815494	+	2	30	TTG	TGA	0	0	
mORF_+_3815525	3815525	3815569	+	2	45	TTG	TAA	0	0	
mORF_+_3815599	3815599	3815808	+	1	210	ATG	TGA	0	0	
mORF_+_3815654	3815654	3815710	+	2	57	TTG	TGA	0	0	

mORF_+_3815658	3815658	3815702	+	3	45	GTG	TGA	0	0	
mORF_+_3815771	3815771	3816607	+	2	837	ATG	TAG	0	0	
mORF_+_3815805	3815805	3815816	+	3	12	TTG	TAA	0	0	
mORF_+_3815826	3815826	3815912	+	3	87	ATG	TAA	0	0	
mORF_+_3815845	3815845	3815934	+	1	90	ATG	TGA	0	0	
mORF_+_3815931	3815931	3816017	+	3	87	GTG	TAA	0	0	
mORF_+_3816039	3816039	3816056	+	3	18	ATG	TAG	0	0	
mORF_+_3816087	3816087	3816191	+	3	105	TTG	TGA	0	0	
mORF_+_3816195	3816195	3816203	+	3	9	ATG	TGA	0	0	
mORF_+_3816225	3816225	3816251	+	3	27	TTG	TAG	0	0	
mORF_+_3816285	3816285	3816314	+	3	30	ATG	TAG	0	0	
mORF_+_3816441	3816441	3816449	+	3	9	ATG	TGA	0	0	
mORF_+_3816480	3816480	3816500	+	3	21	TTG	TGA	0	0	
mORF_+_3816519	3816519	3816587	+	3	69	TTG	TAA	0	0	
mORF_+_3816627	3816627	3816653	+	3	27	TTG	TAA	0	0	
mORF_+_3816634	3816634	3816687	+	1	54	TTG	TAA	0	0	
mORF_+_3816666	3816666	3816674	+	3	9	GTG	TGA	0	0	
mORF_+_3816671	3816671	3816787	+	2	117	GTG	TAG	0	0	
mORF_+_3816691	3816691	3816720	+	1	30	TTG	TAA	0	0	
mORF_+_3816843	3816843	3817514	+	3	672	GTG	TAA	1	2	pORF_+_3816843
mORF_+_3816922	3816922	3816945	+	1	24	TTG	TGA	0	0	
mORF_+_3816985	3816985	3816993	+	1	9	TTG	TAA	0	0	
mORF_+_3817000	3817000	3817092	+	1	93	TTG	TGA	0	0	
mORF_+_3817129	3817129	3817140	+	1	12	TTG	TAA	0	0	
mORF_+_3817174	3817174	3817266	+	1	93	ATG	TAA	0	0	
mORF_+_3817279	3817279	3817416	+	1	138	TTG	TAA	0	0	
mORF_+_3817444	3817444	3817530	+	1	87	TTG	TGA	0	0	
mORF_+_3817527	3817527	3817769	+	3	243	GTG	TGA	0	0	
mORF_+_3817568	3817568	3817657	+	2	90	TTG	TAA	0	0	
mORF_+_3817661	3817661	3817708	+	2	48	TTG	TAG	0	0	
mORF_+_3817720	3817720	3817740	+	1	21	TTG	TAA	0	0	
mORF_+_3817769	3817769	3817777	+	2	9	ATG	TAG	0	0	
mORF_+_3817809	3817809	3817868	+	3	60	GTG	TGA	0	0	
mORF_+_3817820	3817820	3817834	+	2	15	TTG	TAA	0	0	
mORF_+_3817853	3817853	3817945	+	2	93	ATG	TAA	0	0	
mORF_+_3817902	3817902	3817967	+	3	66	ATG	TGA	0	0	
mORF_+_3817927	3817927	3817956	+	1	30	TTG	TGA	0	0	
mORF_+_3818020	3818020	3818094	+	1	75	GTG	TGA	0	0	
mORF_+_3818064	3818064	3818081	+	3	18	ATG	TGA	0	0	
mORF_+_3818184	3818184	3818243	+	3	60	ATG	TGA	0	0	
mORF_+_3818191	3818191	3818370	+	1	180	GTG	TGA	0	0	
mORF_+_3818276	3818276	3818317	+	2	42	TTG	TAG	0	0	
mORF_+_3818321	3818321	3818380	+	2	60	ATG	TAA	0	0	
mORF_+_3818367	3818367	3818663	+	3	297	GTG	TGA	0	0	
mORF_+_3818521	3818521	3818691	+	1	171	ATG	TAA	0	0	
mORF_+_3818618	3818618	3818680	+	2	63	TTG	TAA	0	0	
mORF_+_3818673	3818673	3818795	+	3	123	TTG	TAA	0	0	
mORF_+_3818696	3818696	3818716	+	2	21	TTG	TAA	0	0	
mORF_+_3818767	3818767	3818922	+	1	156	TTG	TAA	0	0	
mORF_+_3818889	3818889	3819008	+	3	120	TTG	TGA	0	0	
mORF_+_3818903	3818903	3818935	+	2	33	ATG	TAA	0	0	
mORF_+_3818978	3818978	3819004	+	2	27	TTG	TAA	0	0	
mORF_+_3819074	3819074	3819148	+	2	75	TTG	TGA	0	0	
mORF_+_3819103	3819103	3819210	+	1	108	GTG	TAG	0	0	
mORF_+_3819149	3819149	3819172	+	2	24	TTG	TAA	0	0	
mORF_+_3819232	3819232	3819285	+	1	54	GTG	TGA	0	0	
mORF_+_3819251	3819251	3819310	+	2	60	GTG	TGA	0	0	
mORF_+_3819298	3819298	3819306	+	1	9	TTG	TGA	0	0	
mORF_+_3819303	3819303	3819401	+	3	99	GTG	TAA	0	0	
mORF_+_3819307	3819307	3819366	+	1	60	ATG	TGA	0	0	
mORF_+_3819350	3819350	3819511	+	2	162	TTG	TGA	0	0	
mORF_+_3819394	3819394	3820074	+	1	681	GTG	TGA	27	136	pORF_+_3819394
mORF_+_3819411	3819411	3819416	+	3	6	ATG	TAG	0	0	

mORF_+_3819542	3819542	3819646	+	2	105	ATG	TGA	0	0	
mORF_+_3819656	3819656	3819922	+	2	267	ATG	TGA	0	0	
mORF_+_3819938	3819938	3819949	+	2	12	ATG	TGA	0	0	
mORF_+_3819950	3819950	3819955	+	2	6	TTG	TGA	0	0	
mORF_+_3819956	3819956	3819979	+	2	24	ATG	TGA	0	0	
mORF_+_3820040	3820040	3820051	+	2	12	ATG	TAA	0	0	
mORF_+_3820091	3820091	3820126	+	2	36	ATG	TAA	0	0	
mORF_+_3820113	3820113	3820172	+	3	60	GTG	TAA	0	0	
mORF_+_3820129	3820129	3820404	+	1	276	ATG	TAA	34	419	pORF_+_3820129
mORF_+_3820166	3820166	3820225	+	2	60	TTG	TAG	0	0	
mORF_+_3820385	3820385	3820444	+	2	60	TTG	TGA	0	0	
mORF_+_3820423	3820423	3822531	+	1	2109	TTG	TAA	17	42	pORF_+_3820423
mORF_+_3820508	3820508	3820573	+	2	66	TTG	TAG	0	0	
mORF_+_3820577	3820577	3820600	+	2	24	TTG	TGA	0	0	
mORF_+_3820610	3820610	3820621	+	2	12	ATG	TGA	0	0	
mORF_+_3820637	3820637	3820645	+	2	9	ATG	TGA	0	0	
mORF_+_3820646	3820646	3820714	+	2	69	TTG	TAG	0	0	
mORF_+_3820730	3820730	3820789	+	2	60	TTG	TGA	0	0	
mORF_+_3820832	3820832	3820942	+	2	111	TTG	TAG	0	0	
mORF_+_3820982	3820982	3821014	+	2	33	TTG	TAA	0	0	
mORF_+_3821112	3821112	3821228	+	3	117	GTG	TGA	0	0	
mORF_+_3821123	3821123	3821218	+	2	96	GTG	TGA	0	0	
mORF_+_3821225	3821225	3821296	+	2	72	ATG	TGA	0	0	
mORF_+_3821366	3821366	3821797	+	2	432	GTG	TGA	0	0	
mORF_+_3821790	3821790	3821810	+	3	21	TTG	TAG	0	0	
mORF_+_3821801	3821801	3821845	+	2	45	TTG	TGA	0	0	
mORF_+_3821858	3821858	3821872	+	2	15	GTG	TAA	0	0	
mORF_+_3821897	3821897	3821923	+	2	27	ATG	TGA	0	0	
mORF_+_3821924	3821924	3821968	+	2	45	ATG	TGA	0	0	
mORF_+_3821981	3821981	3822022	+	2	42	TTG	TGA	0	0	
mORF_+_3822050	3822050	3822124	+	2	75	ATG	TGA	0	0	
mORF_+_3822131	3822131	3822202	+	2	72	TTG	TGA	0	0	
mORF_+_3822138	3822138	3822191	+	3	54	ATG	TAA	0	0	
mORF_+_3822209	3822209	3822352	+	2	144	ATG	TGA	0	0	
mORF_+_3822270	3822270	3822278	+	3	9	ATG	TAA	0	0	
mORF_+_3822410	3822410	3822442	+	2	33	ATG	TGA	0	0	
mORF_+_3822449	3822449	3822493	+	2	45	GTG	TGA	0	0	
mORF_+_3822531	3822531	3822593	+	3	63	ATG	TGA	0	0	
mORF_+_3822538	3822538	3823227	+	1	690	ATG	TAA	4	9	pORF_+_3822538
mORF_+_3822554	3822554	3822598	+	2	45	ATG	TGA	0	0	
mORF_+_3822659	3822659	3822757	+	2	99	ATG	TGA	0	0	
mORF_+_3822773	3822773	3822889	+	2	117	TTG	TGA	0	0	
mORF_+_3822983	3822983	3823297	+	2	315	ATG	TAG	0	0	
mORF_+_3823200	3823200	3825314	+	3	2115	GTG	TAA	7	19	pORF_+_3823200
mORF_+_3823228	3823228	3823236	+	1	9	GTG	TGA	0	0	
mORF_+_3823252	3823252	3823275	+	1	24	ATG	TAA	0	0	
mORF_+_3823282	3823282	3823440	+	1	159	TTG	TGA	0	0	
mORF_+_3823567	3823567	3823617	+	1	51	GTG	TGA	0	0	
mORF_+_3823768	3823768	3823806	+	1	39	TTG	TGA	0	0	
mORF_+_3823951	3823951	3823986	+	1	36	GTG	TGA	0	0	
mORF_+_3823993	3823993	3824004	+	1	12	ATG	TGA	0	0	
mORF_+_3824092	3824092	3824103	+	1	12	ATG	TGA	0	0	
mORF_+_3824122	3824122	3824127	+	1	6	ATG	TAG	0	0	
mORF_+_3824167	3824167	3824193	+	1	27	GTG	TAG	0	0	
mORF_+_3824254	3824254	3824355	+	1	102	TTG	TGA	0	0	
mORF_+_3824356	3824356	3824415	+	1	60	TTG	TGA	0	0	
mORF_+_3824437	3824437	3824505	+	1	69	TTG	TGA	0	0	
mORF_+_3824462	3824462	3824581	+	2	120	GTG	TGA	0	0	
mORF_+_3824551	3824551	3824574	+	1	24	ATG	TGA	0	0	
mORF_+_3824578	3824578	3824607	+	1	30	ATG	TGA	0	0	
mORF_+_3824647	3824647	3824673	+	1	27	TTG	TAA	0	0	
mORF_+_3824699	3824699	3824713	+	2	15	TTG	TGA	0	0	
mORF_+_3824710	3824710	3824766	+	1	57	TTG	TGA	0	0	

mORF_+_3824791	3824791	3824814	+	1	24	TTG	TGA	0	0	
mORF_+_3824857	3824857	3824925	+	1	69	GTG	TGA	0	0	
mORF_+_3824992	3824992	3825096	+	1	105	GTG	TGA	0	0	
mORF_+_3825097	3825097	3825141	+	1	45	TTG	TAG	0	0	
mORF_+_3825160	3825160	3825204	+	1	45	ATG	TGA	0	0	
mORF_+_3825307	3825307	3825327	+	1	21	ATG	TGA	0	0	
mORF_+_3825324	3825324	3825395	+	3	72	GTG	TAA	0	0	
mORF_+_3825399	3825399	3825902	+	3	504	ATG	TGA	0	0	
mORF_+_3825442	3825442	3825486	+	1	45	TTG	TAA	0	0	
mORF_+_3825532	3825532	3825666	+	1	135	TTG	TGA	0	0	
mORF_+_3825629	3825629	3825718	+	2	90	TTG	TAA	0	0	
mORF_+_3825697	3825697	3825888	+	1	192	TTG	TAA	0	0	
mORF_+_3825899	3825899	3826015	+	2	117	TTG	TAG	0	0	
mORF_+_3825910	3825910	3826146	+	1	237	TTG	TAG	0	0	
mORF_+_3825981	3825981	3826334	+	3	354	TTG	TAA	0	0	
mORF_+_3826193	3826193	3826228	+	2	36	TTG	TGA	0	0	
mORF_+_3826222	3826222	3826236	+	1	15	TTG	TAA	0	0	
mORF_+_3826243	3826243	3826278	+	1	36	ATG	TGA	0	0	
mORF_+_3826351	3826351	3826683	+	1	333	ATG	TGA	0	0	
mORF_+_3826365	3826365	3826481	+	3	117	TTG	TAA	0	0	
mORF_+_3826614	3826614	3826670	+	3	57	ATG	TAA	0	0	
mORF_+_3826649	3826649	3826690	+	2	42	TTG	TAG	0	0	
mORF_+_3826680	3826680	3826859	+	3	180	ATG	TAA	0	0	
mORF_+_3826699	3826699	3826758	+	1	60	TTG	TGA	0	0	
mORF_+_3826762	3826762	3826833	+	1	72	ATG	TAA	0	0	
mORF_+_3826823	3826823	3826882	+	2	60	ATG	TAA	0	0	
mORF_+_3826864	3826864	3826890	+	1	27	GTG	TAG	0	0	
mORF_+_3826891	3826891	3827034	+	1	144	ATG	TGA	0	0	
mORF_+_3826899	3826899	3826934	+	3	36	GTG	TAA	0	0	
mORF_+_3826910	3826910	3827047	+	2	138	TTG	TGA	0	0	
mORF_+_3826959	3826959	3828359	+	3	1401	TTG	TAA	4	10	pORF_+_3826959
mORF_+_3827044	3827044	3827118	+	1	75	TTG	TGA	0	0	
mORF_+_3827197	3827197	3827301	+	1	105	TTG	TGA	0	0	
mORF_+_3827329	3827329	3827352	+	1	24	GTG	TGA	0	0	
mORF_+_3827387	3827387	3827539	+	2	153	TTG	TAA	0	0	
mORF_+_3827458	3827458	3827466	+	1	9	TTG	TGA	0	0	
mORF_+_3827494	3827494	3827502	+	1	9	TTG	TAA	0	0	
mORF_+_3827509	3827509	3827532	+	1	24	TTG	TGA	0	0	
mORF_+_3827647	3827647	3827715	+	1	69	TTG	TGA	0	0	
mORF_+_3827675	3827675	3827767	+	2	93	GTG	TGA	0	0	
mORF_+_3827758	3827758	3827790	+	1	33	TTG	TGA	0	0	
mORF_+_3827768	3827768	3827848	+	2	81	ATG	TGA	0	0	
mORF_+_3827824	3827824	3827886	+	1	63	TTG	TGA	0	0	
mORF_+_3827929	3827929	3827988	+	1	60	TTG	TGA	0	0	
mORF_+_3828001	3828001	3828039	+	1	39	GTG	TGA	0	0	
mORF_+_3828079	3828079	3828126	+	1	48	TTG	TAA	0	0	
mORF_+_3828130	3828130	3828180	+	1	51	TTG	TGA	0	0	
mORF_+_3828220	3828220	3828249	+	1	30	TTG	TGA	0	0	
mORF_+_3828259	3828259	3828276	+	1	18	TTG	TGA	0	0	
mORF_+_3828269	3828269	3828376	+	2	108	ATG	TAA	0	0	
mORF_+_3828419	3828419	3828607	+	2	189	TTG	TAG	0	0	
mORF_+_3828426	3828426	3828446	+	3	21	TTG	TAA	0	0	
mORF_+_3828439	3828439	3828483	+	1	45	GTG	TGA	0	0	
mORF_+_3828456	3828456	3830189	+	3	1734	GTG	TAA	15	50	pORF_+_3828456
mORF_+_3828490	3828490	3828528	+	1	39	TTG	TAG	0	0	
mORF_+_3828685	3828685	3828741	+	1	57	TTG	TAA	0	0	
mORF_+_3828769	3828769	3828804	+	1	36	ATG	TGA	0	0	
mORF_+_3828859	3828859	3828900	+	1	42	GTG	TGA	0	0	
mORF_+_3828890	3828890	3828952	+	2	63	ATG	TAA	0	0	
mORF_+_3828916	3828916	3828927	+	1	12	ATG	TAG	0	0	
mORF_+_3828985	3828985	3829032	+	1	48	GTG	TGA	0	0	
mORF_+_3829033	3829033	3829068	+	1	36	TTG	TGA	0	0	
mORF_+_3829078	3829078	3829104	+	1	27	GTG	TAA	0	0	

mORF_+_3829204	3829204	3829254	+	1	51	TTG	TGA	0	0
mORF_+_3829258	3829258	3829290	+	1	33	ATG	TGA	0	0
mORF_+_3829333	3829333	3829368	+	1	36	ATG	TGA	0	0
mORF_+_3829387	3829387	3829419	+	1	33	ATG	TAA	0	0
mORF_+_3829510	3829510	3829527	+	1	18	GTG	TGA	0	0
mORF_+_3829531	3829531	3829617	+	1	87	TTG	TAA	0	0
mORF_+_3829589	3829589	3829642	+	2	54	GTG	TAG	0	0
mORF_+_3829663	3829663	3829725	+	1	63	TTG	TGA	0	0
mORF_+_3829685	3829685	3829744	+	2	60	GTG	TAA	0	0
mORF_+_3829745	3829745	3829807	+	2	63	ATG	TGA	0	0
mORF_+_3829759	3829759	3829776	+	1	18	GTG	TGA	0	0
mORF_+_3829777	3829777	3829833	+	1	57	ATG	TGA	0	0
mORF_+_3829870	3829870	3829950	+	1	81	GTG	TGA	0	0
mORF_+_3829951	3829951	3829971	+	1	21	ATG	TGA	0	0
mORF_+_3829985	3829985	3829999	+	2	15	GTG	TGA	0	0
mORF_+_3830041	3830041	3830070	+	1	30	GTG	TGA	0	0
mORF_+_3830095	3830095	3830103	+	1	9	ATG	TGA	0	0
mORF_+_3830137	3830137	3830421	+	1	285	ATG	TAA	0	0
mORF_+_3830253	3830253	3830393	+	3	141	TTG	TAA	0	0
mORF_+_3830342	3830342	3830524	+	2	183	TTG	TAA	0	0
mORF_+_3830409	3830409	3830426	+	3	18	GTG	TAA	0	0
mORF_+_3830470	3830470	3830559	+	1	90	ATG	TAG	0	0
mORF_+_3830499	3830499	3830702	+	3	204	ATG	TGA	0	0
mORF_+_3830540	3830540	3830578	+	2	39	TTG	TAA	0	0
mORF_+_3830599	3830599	3830733	+	1	135	GTG	TAA	0	0
mORF_+_3830639	3830639	3830677	+	2	39	TTG	TAG	0	0
mORF_+_3830699	3830699	3830743	+	2	45	GTG	TGA	0	0
mORF_+_3830740	3830740	3830946	+	1	207	TTG	TAA	0	0
mORF_+_3830789	3830789	3830911	+	2	123	ATG	TAG	0	0
mORF_+_3830933	3830933	3830992	+	2	60	TTG	TAA	0	0
mORF_+_3830953	3830953	3831054	+	1	102	ATG	TGA	0	0
mORF_+_3831093	3831093	3831107	+	3	15	TTG	TAG	0	0
mORF_+_3831127	3831127	3831441	+	1	315	GTG	TAG	0	0
mORF_+_3831197	3831197	3831232	+	2	36	GTG	TAG	0	0
mORF_+_3831233	3831233	3831244	+	2	12	ATG	TAA	0	0
mORF_+_3831294	3831294	3831323	+	3	30	TTG	TAA	0	0
mORF_+_3831359	3831359	3831403	+	2	45	TTG	TAA	0	0
mORF_+_3831458	3831458	3831469	+	2	12	TTG	TAG	0	0
mORF_+_3831478	3831478	3831483	+	1	6	TTG	TAA	0	0
mORF_+_3831505	3831505	3831735	+	1	231	TTG	TGA	0	0
mORF_+_3831671	3831671	3831721	+	2	51	TTG	TAG	0	0
mORF_+_3831722	3831722	3831802	+	2	81	TTG	TAA	0	0
mORF_+_3831732	3831732	3831791	+	3	60	ATG	TAA	0	0
mORF_+_3831881	3831881	3831928	+	2	48	TTG	TGA	0	0
mORF_+_3831925	3831925	3832206	+	1	282	ATG	TGA	0	0
mORF_+_3831929	3831929	3831946	+	2	18	TTG	TAA	0	0
mORF_+_3831959	3831959	3831964	+	2	6	ATG	TAG	0	0
mORF_+_3831996	3831996	3832055	+	3	60	TTG	TAA	0	0
mORF_+_3831998	3831998	3832075	+	2	78	GTG	TAA	0	0
mORF_+_3832118	3832118	3832126	+	2	9	TTG	TGA	0	0
mORF_+_3832133	3832133	3832147	+	2	15	GTG	TAG	0	0
mORF_+_3832187	3832187	3832264	+	2	78	TTG	TAA	0	0
mORF_+_3832203	3832203	3832226	+	3	24	GTG	TGA	0	0
mORF_+_3832271	3832271	3832318	+	2	48	GTG	TAA	0	0
mORF_+_3832281	3832281	3832286	+	3	6	TTG	TGA	0	0
mORF_+_3832318	3832318	3832407	+	1	90	ATG	TAA	0	0
mORF_+_3832380	3832380	3832403	+	3	24	GTG	TAA	0	0
mORF_+_3832507	3832507	3832668	+	1	162	GTG	TGA	0	0
mORF_+_3832517	3832517	3832531	+	2	15	TTG	TGA	0	0
mORF_+_3832560	3832560	3832595	+	3	36	TTG	TGA	0	0
mORF_+_3832592	3832592	3832624	+	2	33	GTG	TGA	0	0
mORF_+_3832652	3832652	3832672	+	2	21	TTG	TAG	0	0
mORF_+_3832665	3832665	3832682	+	3	18	GTG	TAG	0	0

mORF_+_3832724	3832724	3832795	+	2	72	GTG	TAA	0	0
mORF_+_3832841	3832841	3832909	+	2	69	TTG	TAG	0	0
mORF_+_3832944	3832944	3832982	+	3	39	GTG	TGA	0	0
mORF_+_3832954	3832954	3833247	+	1	294	TTG	TAG	0	0
mORF_+_3832979	3832979	3833140	+	2	162	ATG	TAA	0	0
mORF_+_3833103	3833103	3833147	+	3	45	TTG	TGA	0	0
mORF_+_3833141	3833141	3833194	+	2	54	GTG	TAA	0	0
mORF_+_3833184	3833184	3833189	+	3	6	ATG	TGA	0	0
mORF_+_3833234	3833234	3833527	+	2	294	TTG	TGA	0	0
mORF_+_3833275	3833275	3833292	+	1	18	TTG	TAA	0	0
mORF_+_3833310	3833310	3833318	+	3	9	TTG	TAG	0	0
mORF_+_3833319	3833319	3833342	+	3	24	GTG	TAG	0	0
mORF_+_3833358	3833358	3833372	+	3	15	ATG	TGA	0	0
mORF_+_3833373	3833373	3833444	+	3	72	ATG	TAA	0	0
mORF_+_3833448	3833448	3833468	+	3	21	GTG	TAG	0	0
mORF_+_3833509	3833509	3833592	+	1	84	TTG	TAA	0	0
mORF_+_3833537	3833537	3833566	+	2	30	TTG	TAA	0	0
mORF_+_3833556	3833556	3833576	+	3	21	ATG	TGA	0	0
mORF_+_3833573	3833573	3833587	+	2	15	TTG	TAA	0	0
mORF_+_3833603	3833603	3833608	+	2	6	GTG	TAA	0	0
mORF_+_3833613	3833613	3833645	+	3	33	TTG	TGA	0	0
mORF_+_3833630	3833630	3833662	+	2	33	TTG	TAG	0	0
mORF_+_3833685	3833685	3833885	+	3	201	ATG	TAA	0	0
mORF_+_3833759	3833759	3833848	+	2	90	ATG	TAA	0	0
mORF_+_3833885	3833885	3833914	+	2	30	ATG	TAA	0	0
mORF_+_3833887	3833887	3834069	+	1	183	GTG	TGA	0	0
mORF_+_3833963	3833963	3833974	+	2	12	TTG	TAG	0	0
mORF_+_3833999	3833999	3834004	+	2	6	TTG	TAA	0	0
mORF_+_3834014	3834014	3834046	+	2	33	GTG	TAA	0	0
mORF_+_3834050	3834050	3834106	+	2	57	ATG	TAA	0	0
mORF_+_3834057	3834057	3834131	+	3	75	TTG	TAA	0	0
mORF_+_3834110	3834110	3834124	+	2	15	ATG	TGA	0	0
mORF_+_3834121	3834121	3834162	+	1	42	ATG	TAG	0	0
mORF_+_3834131	3834131	3834142	+	2	12	ATG	TGA	0	0
mORF_+_3834185	3834185	3834190	+	2	6	ATG	TAG	0	0
mORF_+_3834212	3834212	3834232	+	2	21	ATG	TAG	0	0
mORF_+_3834263	3834263	3834448	+	2	186	GTG	TGA	0	0
mORF_+_3834289	3834289	3834354	+	1	66	TTG	TGA	0	0
mORF_+_3834342	3834342	3834374	+	3	33	ATG	TAA	0	0
mORF_+_3834445	3834445	3834594	+	1	150	GTG	TGA	0	0
mORF_+_3834455	3834455	3834466	+	2	12	ATG	TGA	0	0
mORF_+_3834530	3834530	3834547	+	2	18	GTG	TGA	0	0
mORF_+_3834549	3834549	3834563	+	3	15	TTG	TGA	0	0
mORF_+_3834591	3834591	3834653	+	3	63	GTG	TAA	0	0
mORF_+_3834715	3834715	3834726	+	1	12	TTG	TAA	0	0
mORF_+_3834741	3834741	3834767	+	3	27	TTG	TAG	0	0
mORF_+_3834772	3834772	3834789	+	1	18	TTG	TAA	0	0
mORF_+_3834818	3834818	3834865	+	2	48	ATG	TAG	0	0
mORF_+_3834840	3834840	3834854	+	3	15	TTG	TAA	0	0
mORF_+_3834868	3834868	3834966	+	1	99	TTG	TGA	0	0
mORF_+_3834879	3834879	3835013	+	3	135	TTG	TGA	0	0
mORF_+_3834935	3834935	3834940	+	2	6	TTG	TAA	0	0
mORF_+_3834976	3834976	3836160	+	1	1185	ATG	TAG	0	0
mORF_+_3835010	3835010	3835051	+	2	42	TTG	TGA	0	0
mORF_+_3835058	3835058	3835087	+	2	30	TTG	TAA	0	0
mORF_+_3835103	3835103	3835111	+	2	9	ATG	TGA	0	0
mORF_+_3835233	3835233	3835322	+	3	90	ATG	TAG	0	0
mORF_+_3835244	3835244	3835318	+	2	75	TTG	TGA	0	0
mORF_+_3835325	3835325	3835495	+	2	171	TTG	TGA	0	0
mORF_+_3835520	3835520	3835537	+	2	18	TTG	TGA	0	0
mORF_+_3835527	3835527	3835676	+	3	150	TTG	TAA	0	0
mORF_+_3835643	3835643	3835660	+	2	18	TTG	TGA	0	0
mORF_+_3835709	3835709	3835726	+	2	18	TTG	TAA	0	0

mORF_+_3835751	3835751	3835783	+	2	33	TTG	TGA	0	0
mORF_+_3835814	3835814	3835831	+	2	18	TTG	TAA	0	0
mORF_+_3835838	3835838	3835849	+	2	12	TTG	TGA	0	0
mORF_+_3835850	3835850	3835978	+	2	129	GTG	TGA	0	0
mORF_+_3835857	3835857	3835901	+	3	45	GTG	TGA	0	0
mORF_+_3836012	3836012	3836110	+	2	99	ATG	TAG	0	0
mORF_+_3836123	3836123	3836131	+	2	9	TTG	TGA	0	0
mORF_+_3836133	3836133	3836150	+	3	18	TTG	TAA	0	0
mORF_+_3836190	3836190	3836243	+	3	54	GTG	TAA	0	0
mORF_+_3836228	3836228	3836452	+	2	225	ATG	TAA	0	0
mORF_+_3836257	3836257	3836298	+	1	42	ATG	TGA	0	0
mORF_+_3836271	3836271	3837194	+	3	924	ATG	TGA	0	0
mORF_+_3836308	3836308	3836388	+	1	81	TTG	TGA	0	0
mORF_+_3836437	3836437	3836499	+	1	63	TTG	TGA	0	0
mORF_+_3836512	3836512	3836523	+	1	12	TTG	TAA	0	0
mORF_+_3836758	3836758	3836808	+	1	51	TTG	TAA	0	0
mORF_+_3836809	3836809	3836853	+	1	45	TTG	TGA	0	0
mORF_+_3836854	3836854	3836865	+	1	12	TTG	TGA	0	0
mORF_+_3836881	3836881	3836922	+	1	42	ATG	TGA	0	0
mORF_+_3836950	3836950	3836964	+	1	15	TTG	TGA	0	0
mORF_+_3836998	3836998	3837024	+	1	27	TTG	TGA	0	0
mORF_+_3837028	3837028	3837042	+	1	15	GTG	TAA	0	0
mORF_+_3837191	3837191	3837226	+	2	36	GTG	TAA	0	0
mORF_+_3837229	3837229	3837264	+	1	36	ATG	TGA	0	0
mORF_+_3837257	3837257	3837358	+	2	102	GTG	TAA	0	0
mORF_+_3837261	3837261	3837524	+	3	264	TTG	TAA	0	0
mORF_+_3837397	3837397	3837402	+	1	6	ATG	TAA	0	0
mORF_+_3837403	3837403	3837489	+	1	87	GTG	TGA	0	0
mORF_+_3837564	3837564	3837575	+	3	12	TTG	TAA	0	0
mORF_+_3837578	3837578	3837652	+	2	75	GTG	TGA	0	0
mORF_+_3837592	3837592	3837666	+	1	75	TTG	TAA	0	0
mORF_+_3837636	3837636	3837803	+	3	168	TTG	TAG	0	0
mORF_+_3837785	3837785	3837817	+	2	33	TTG	TAA	0	0
mORF_+_3837854	3837854	3837868	+	2	15	TTG	TAG	0	0
mORF_+_3837885	3837885	3837977	+	3	93	TTG	TAA	0	0
mORF_+_3837916	3837916	3837999	+	1	84	ATG	TGA	0	0
mORF_+_3837923	3837923	3838111	+	2	189	TTG	TAA	0	0
mORF_+_3837996	3837996	3838046	+	3	51	ATG	TGA	0	0
mORF_+_3838114	3838114	3838233	+	1	120	GTG	TGA	0	0
mORF_+_3838169	3838169	3838225	+	2	57	ATG	TAA	0	0
mORF_+_3838200	3838200	3838241	+	3	42	ATG	TGA	0	0
mORF_+_3838238	3838238	3838531	+	2	294	ATG	TAA	0	0
mORF_+_3838369	3838369	3838398	+	1	30	TTG	TGA	0	0
mORF_+_3838395	3838395	3838415	+	3	21	ATG	TAA	0	0
mORF_+_3838402	3838402	3838428	+	1	27	GTG	TGA	0	0
mORF_+_3838425	3838425	3838514	+	3	90	ATG	TAG	0	0
mORF_+_3838492	3838492	3838509	+	1	18	TTG	TAA	0	0
mORF_+_3838516	3838516	3838569	+	1	54	ATG	TGA	0	0
mORF_+_3838595	3838595	3838603	+	2	9	TTG	TAA	0	0
mORF_+_3838610	3838610	3838708	+	2	99	ATG	TAG	0	0
mORF_+_3838630	3838630	3838680	+	1	51	GTG	TAA	0	0
mORF_+_3838771	3838771	3839151	+	1	381	GTG	TGA	0	0
mORF_+_3838781	3838781	3838825	+	2	45	TTG	TAA	0	0
mORF_+_3839121	3839121	3839126	+	3	6	TTG	TAA	0	0
mORF_+_3839142	3839142	3839174	+	3	33	TTG	TGA	0	0
mORF_+_3839171	3839171	3839188	+	2	18	GTG	TGA	0	0
mORF_+_3839185	3839185	3839508	+	1	324	TTG	TAG	0	0
mORF_+_3839441	3839441	3839449	+	2	9	ATG	TAG	0	0
mORF_+_3839528	3839528	3839539	+	2	12	TTG	TAA	0	0
mORF_+_3839558	3839558	3839644	+	2	87	TTG	TGA	0	0
mORF_+_3839586	3839586	3839615	+	3	30	TTG	TAA	0	0
mORF_+_3839608	3839608	3839952	+	1	345	ATG	TAG	0	0
mORF_+_3839778	3839778	3839807	+	3	30	ATG	TAA	0	0

mORF_+_3839810	3839810	3839872	+	2	63	TTG	TAA	0	0	
mORF_+_3839817	3839817	3839822	+	3	6	GTG	TGA	0	0	
mORF_+_3839904	3839904	3839957	+	3	54	ATG	TGA	0	0	
mORF_+_3839976	3839976	3840080	+	3	105	ATG	TAG	0	0	
mORF_+_3840129	3840129	3840134	+	3	6	TTG	TAA	0	0	
mORF_+_3840141	3840141	3840254	+	3	114	ATG	TAA	0	0	
mORF_+_3840178	3840178	3840249	+	1	72	ATG	TAA	0	0	
mORF_+_3840282	3840282	3840494	+	3	213	TTG	TAA	0	0	
mORF_+_3840316	3840316	3840441	+	1	126	ATG	TAA	0	0	
mORF_+_3840362	3840362	3840427	+	2	66	ATG	TGA	0	0	
mORF_+_3840451	3840451	3840726	+	1	276	ATG	TAA	0	0	
mORF_+_3840501	3840501	3840572	+	3	72	GTG	TGA	0	0	
mORF_+_3840557	3840557	3840745	+	2	189	GTG	TAA	0	0	
mORF_+_3840594	3840594	3840611	+	3	18	GTG	TGA	0	0	
mORF_+_3840738	3840738	3840782	+	3	45	TTG	TAA	0	0	
mORF_+_3840824	3840824	3840865	+	2	42	GTG	TAG	0	0	
mORF_+_3840881	3840881	3841123	+	2	243	GTG	TAG	0	0	
mORF_+_3840996	3840996	3841022	+	3	27	ATG	TGA	0	0	
mORF_+_3841059	3841059	3841094	+	3	36	GTG	TGA	0	0	
mORF_+_3841135	3841135	3841155	+	1	21	ATG	TAA	0	0	
mORF_+_3841198	3841198	3841212	+	1	15	ATG	TGA	0	0	
mORF_+_3841209	3841209	3841229	+	3	21	GTG	TAA	0	0	
mORF_+_3841261	3841261	3841272	+	1	12	GTG	TAA	0	0	
mORF_+_3841292	3841292	3841744	+	2	453	GTG	TGA	0	0	
mORF_+_3841461	3841461	3841565	+	3	105	TTG	TAG	0	0	
mORF_+_3841639	3841639	3841692	+	1	54	TTG	TAA	0	0	
mORF_+_3841641	3841641	3841754	+	3	114	GTG	TAA	0	0	
mORF_+_3841738	3841738	3841749	+	1	12	ATG	TAG	0	0	
mORF_+_3841799	3841799	3841990	+	2	192	TTG	TGA	0	0	
mORF_+_3841824	3841824	3841838	+	3	15	TTG	TAA	0	0	
mORF_+_3841843	3841843	3841854	+	1	12	TTG	TAA	0	0	
mORF_+_3841860	3841860	3841880	+	3	21	ATG	TGA	0	0	
mORF_+_3841908	3841908	3841922	+	3	15	ATG	TAA	0	0	
mORF_+_3841962	3841962	3841979	+	3	18	TTG	TGA	0	0	
mORF_+_3841987	3841987	3843753	+	1	1767	ATG	TAA	2	4	pORF_+_3841987
mORF_+_3842060	3842060	3842113	+	2	54	GTG	TGA	0	0	
mORF_+_3842117	3842117	3842146	+	2	30	ATG	TGA	0	0	
mORF_+_3842162	3842162	3842278	+	2	117	TTG	TGA	0	0	
mORF_+_3842294	3842294	3842323	+	2	30	TTG	TGA	0	0	
mORF_+_3842334	3842334	3842348	+	3	15	TTG	TGA	0	0	
mORF_+_3842345	3842345	3842362	+	2	18	ATG	TGA	0	0	
mORF_+_3842387	3842387	3842545	+	2	159	TTG	TGA	0	0	
mORF_+_3842439	3842439	3842471	+	3	33	TTG	TAA	0	0	
mORF_+_3842576	3842576	3842614	+	2	39	ATG	TGA	0	0	
mORF_+_3842642	3842642	3842746	+	2	105	GTG	TGA	0	0	
mORF_+_3842820	3842820	3842840	+	3	21	ATG	TGA	0	0	
mORF_+_3842837	3842837	3842887	+	2	51	ATG	TAA	0	0	
mORF_+_3842850	3842850	3842867	+	3	18	GTG	TGA	0	0	
mORF_+_3842912	3842912	3842974	+	2	63	ATG	TGA	0	0	
mORF_+_3843029	3843029	3843064	+	2	36	ATG	TGA	0	0	
mORF_+_3843077	3843077	3843241	+	2	165	TTG	TGA	0	0	
mORF_+_3843275	3843275	3843298	+	2	24	ATG	TGA	0	0	
mORF_+_3843305	3843305	3843373	+	2	69	TTG	TGA	0	0	
mORF_+_3843345	3843345	3843377	+	3	33	TTG	TGA	0	0	
mORF_+_3843374	3843374	3843427	+	2	54	ATG	TGA	0	0	
mORF_+_3843437	3843437	3843472	+	2	36	GTG	TGA	0	0	
mORF_+_3843479	3843479	3843550	+	2	72	ATG	TGA	0	0	
mORF_+_3843492	3843492	3843506	+	3	15	GTG	TAA	0	0	
mORF_+_3843587	3843587	3843598	+	2	12	TTG	TGA	0	0	
mORF_+_3843611	3843611	3843673	+	2	63	GTG	TGA	0	0	
mORF_+_3843615	3843615	3843635	+	3	21	ATG	TGA	0	0	
mORF_+_3843707	3843707	3843820	+	2	114	TTG	TGA	0	0	
mORF_+_3843772	3843772	3843978	+	1	207	ATG	TAA	0	0	

mORF_+_3843801	3843801	3843935	+	3	135	ATG	TAA	0	0
mORF_+_3843842	3843842	3844006	+	2	165	TTG	TAA	0	0
mORF_+_3844013	3844013	3844135	+	2	123	GTG	TAG	0	0
mORF_+_3844087	3844087	3844347	+	1	261	TTG	TGA	0	0
mORF_+_3844172	3844172	3844297	+	2	126	GTG	TGA	0	0
mORF_+_3844344	3844344	3844466	+	3	123	TTG	TAG	0	0
mORF_+_3844385	3844385	3844534	+	2	150	ATG	TAA	0	0
mORF_+_3844610	3844610	3844639	+	2	30	ATG	TAA	0	0
mORF_+_3844621	3844621	3844797	+	1	177	ATG	TAA	0	0
mORF_+_3844641	3844641	3844748	+	3	108	TTG	TGA	0	0
mORF_+_3844685	3844685	3844690	+	2	6	TTG	TGA	0	0
mORF_+_3844742	3844742	3844759	+	2	18	TTG	TAA	0	0
mORF_+_3844889	3844889	3844930	+	2	42	ATG	TAG	0	0
mORF_+_3844903	3844903	3845178	+	1	276	TTG	TAA	0	0
mORF_+_3844961	3844961	3845014	+	2	54	GTG	TAG	0	0
mORF_+_3845039	3845039	3845077	+	2	39	ATG	TAG	0	0
mORF_+_3845105	3845105	3845203	+	2	99	ATG	TGA	0	0
mORF_+_3845205	3845205	3845234	+	3	30	ATG	TAA	0	0
mORF_+_3845224	3845224	3845313	+	1	90	ATG	TGA	0	0
mORF_+_3845310	3845310	3845321	+	3	12	GTG	TGA	0	0
mORF_+_3845318	3845318	3845398	+	2	81	GTG	TAG	0	0
mORF_+_3845323	3845323	3845481	+	1	159	ATG	TAA	0	0
mORF_+_3845424	3845424	3845558	+	3	135	GTG	TAA	0	0
mORF_+_3845524	3845524	3845619	+	1	96	TTG	TAG	0	0
mORF_+_3845564	3845564	3845593	+	2	30	GTG	TGA	0	0
mORF_+_3845603	3845603	3845707	+	2	105	TTG	TAA	0	0
mORF_+_3845698	3845698	3845862	+	1	165	TTG	TAG	0	0
mORF_+_3845807	3845807	3845842	+	2	36	GTG	TGA	0	0
mORF_+_3845917	3845917	3845964	+	1	48	TTG	TGA	0	0
mORF_+_3845955	3845955	3846008	+	3	54	TTG	TAA	0	0
mORF_+_3846108	3846108	3846176	+	3	69	ATG	TAA	0	0
mORF_+_3846133	3846133	3846363	+	1	231	ATG	TAA	0	0
mORF_+_3846143	3846143	3846325	+	2	183	GTG	TGA	0	0
mORF_+_3846371	3846371	3846385	+	2	15	TTG	TGA	0	0
mORF_+_3846388	3846388	3846417	+	1	30	ATG	TAG	0	0
mORF_+_3846421	3846421	3846426	+	1	6	ATG	TAA	0	0
mORF_+_3846514	3846514	3846522	+	1	9	GTG	TAA	0	0
mORF_+_3846544	3846544	3846573	+	1	30	ATG	TAG	0	0
mORF_+_3846558	3846558	3846611	+	3	54	ATG	TAA	0	0
mORF_+_3846611	3846611	3846688	+	2	78	ATG	TGA	0	0
mORF_+_3846669	3846669	3846677	+	3	9	TTG	TAG	0	0
mORF_+_3846694	3846694	3847098	+	1	405	GTG	TAA	0	0
mORF_+_3846699	3846699	3846719	+	3	21	GTG	TAA	0	0
mORF_+_3846719	3846719	3846760	+	2	42	ATG	TGA	0	0
mORF_+_3846771	3846771	3846944	+	3	174	TTG	TAA	0	0
mORF_+_3846972	3846972	3847019	+	3	48	ATG	TGA	0	0
mORF_+_3847016	3847016	3847042	+	2	27	GTG	TGA	0	0
mORF_+_3847113	3847113	3847397	+	3	285	TTG	TAA	0	0
mORF_+_3847120	3847120	3847170	+	1	51	ATG	TGA	0	0
mORF_+_3847174	3847174	3847185	+	1	12	ATG	TGA	0	0
mORF_+_3847198	3847198	3847209	+	1	12	GTG	TGA	0	0
mORF_+_3847291	3847291	3847410	+	1	120	TTG	TGA	0	0
mORF_+_3847407	3847407	3847643	+	3	237	ATG	TGA	0	0
mORF_+_3847441	3847441	3847485	+	1	45	ATG	TAG	0	0
mORF_+_3847523	3847523	3847531	+	2	9	ATG	TAA	0	0
mORF_+_3847621	3847621	3847632	+	1	12	TTG	TGA	0	0
mORF_+_3847625	3847625	3848077	+	2	453	TTG	TGA	0	0
mORF_+_3847663	3847663	3847680	+	1	18	GTG	TAG	0	0
mORF_+_3847680	3847680	3847727	+	3	48	GTG	TAA	0	0
mORF_+_3847756	3847756	3847845	+	1	90	TTG	TGA	0	0
mORF_+_3847761	3847761	3847805	+	3	45	GTG	TAA	0	0
mORF_+_3847845	3847845	3847880	+	3	36	ATG	TAA	0	0
mORF_+_3847914	3847914	3847922	+	3	9	ATG	TAA	0	0

mORF_+_3847998	3847998	3848009	+	3	12	TTG	TAG	0	0
mORF_+_3848067	3848067	3848138	+	3	72	ATG	TAA	0	0
mORF_+_3848096	3848096	3848113	+	2	18	ATG	TAA	0	0
mORF_+_3848175	3848175	3848348	+	3	174	ATG	TGA	0	0
mORF_+_3848234	3848234	3848257	+	2	24	ATG	TGA	0	0
mORF_+_3848254	3848254	3848367	+	1	114	GTG	TAA	0	0
mORF_+_3848297	3848297	3848338	+	2	42	TTG	TAG	0	0
mORF_+_3848367	3848367	3848390	+	3	24	ATG	TAA	0	0
mORF_+_3848400	3848400	3848510	+	3	111	GTG	TGA	0	0
mORF_+_3848411	3848411	3848554	+	2	144	ATG	TAG	0	0
mORF_+_3848464	3848464	3848478	+	1	15	GTG	TAA	0	0
mORF_+_3848580	3848580	3848723	+	3	144	ATG	TGA	0	0
mORF_+_3848720	3848720	3848791	+	2	72	GTG	TAA	0	0
mORF_+_3848742	3848742	3848831	+	3	90	GTG	TGA	0	0
mORF_+_3848803	3848803	3848820	+	1	18	ATG	TGA	0	0
mORF_+_3848847	3848847	3848873	+	3	27	TTG	TGA	0	0
mORF_+_3848912	3848912	3848956	+	2	45	TTG	TAG	0	0
mORF_+_3848946	3848946	3848984	+	3	39	TTG	TGA	0	0
mORF_+_3848963	3848963	3849241	+	2	279	ATG	TGA	0	0
mORF_+_3849000	3849000	3849101	+	3	102	ATG	TGA	0	0
mORF_+_3849103	3849103	3849225	+	1	123	TTG	TGA	0	0
mORF_+_3849105	3849105	3849170	+	3	66	GTG	TAA	0	0
mORF_+_3849189	3849189	3849329	+	3	141	ATG	TAG	0	0
mORF_+_3849238	3849238	3849309	+	1	72	ATG	TAA	0	0
mORF_+_3849330	3849330	3849356	+	3	27	GTG	TAG	0	0
mORF_+_3849347	3849347	3849706	+	2	360	TTG	TAA	0	0
mORF_+_3849396	3849396	3849428	+	3	33	TTG	TGA	0	0
mORF_+_3849498	3849498	3849605	+	3	108	TTG	TAA	0	0
mORF_+_3849586	3849586	3849597	+	1	12	GTG	TGA	0	0
mORF_+_3849642	3849642	3849698	+	3	57	GTG	TAA	0	0
mORF_+_3849652	3849652	3849687	+	1	36	TTG	TGA	0	0
mORF_+_3849727	3849727	3849861	+	1	135	TTG	TGA	0	0
mORF_+_3849767	3849767	3850078	+	2	312	GTG	TAA	0	0
mORF_+_3849858	3849858	3849896	+	3	39	TTG	TGA	0	0
mORF_+_3849897	3849897	3849998	+	3	102	ATG	TAG	0	0
mORF_+_3849999	3849999	3850160	+	3	162	TTG	TAA	0	0
mORF_+_3850054	3850054	3850092	+	1	39	TTG	TAG	0	0
mORF_+_3850097	3850097	3850330	+	2	234	TTG	TGA	0	0
mORF_+_3850126	3850126	3850140	+	1	15	GTG	TGA	0	0
mORF_+_3850173	3850173	3850394	+	3	222	TTG	TAG	0	0
mORF_+_3850258	3850258	3850296	+	1	39	GTG	TAG	0	0
mORF_+_3850331	3850331	3850672	+	2	342	TTG	TAA	0	0
mORF_+_3850395	3850395	3850427	+	3	33	TTG	TAG	0	0
mORF_+_3850428	3850428	3850478	+	3	51	GTG	TGA	0	0
mORF_+_3850482	3850482	3850607	+	3	126	GTG	TGA	0	0
mORF_+_3850659	3850659	3850682	+	3	24	GTG	TAA	0	0
mORF_+_3850707	3850707	3850748	+	3	42	ATG	TGA	0	0
mORF_+_3850745	3850745	3850852	+	2	108	ATG	TAA	0	0
mORF_+_3850786	3850786	3850995	+	1	210	ATG	TGA	0	0
mORF_+_3850791	3850791	3851288	+	3	498	GTG	TGA	0	0
mORF_+_3850898	3850898	3850981	+	2	84	GTG	TAG	0	0
mORF_+_3851011	3851011	3851112	+	1	102	TTG	TGA	0	0
mORF_+_3851075	3851075	3851104	+	2	30	ATG	TGA	0	0
mORF_+_3851120	3851120	3851128	+	2	9	TTG	TGA	0	0
mORF_+_3851285	3851285	3851443	+	2	159	TTG	TAA	0	0
mORF_+_3851310	3851310	3851342	+	3	33	TTG	TAA	0	0
mORF_+_3851367	3851367	3851417	+	3	51	ATG	TGA	0	0
mORF_+_3851374	3851374	3851406	+	1	33	ATG	TAA	0	0
mORF_+_3851450	3851450	3851494	+	2	45	GTG	TGA	0	0
mORF_+_3851461	3851461	3851559	+	1	99	GTG	TGA	0	0
mORF_+_3851466	3851466	3851579	+	3	114	ATG	TGA	0	0
mORF_+_3851576	3851576	3851665	+	2	90	ATG	TAA	0	0
mORF_+_3851616	3851616	3851651	+	3	36	TTG	TGA	0	0

mORF_+_3851723	3851723	3851905	+	2	183	GTG	TAG	0	0
mORF_+_3851730	3851730	3851918	+	3	189	TTG	TAA	0	0
mORF_+_3851740	3851740	3851751	+	1	12	ATG	TGA	0	0
mORF_+_3851866	3851866	3851871	+	1	6	ATG	TGA	0	0
mORF_+_3851905	3851905	3852069	+	1	165	GTG	TGA	0	0
mORF_+_3851939	3851939	3853129	+	2	1191	GTG	TAA	0	0
mORF_+_3852036	3852036	3852089	+	3	54	TTG	TAA	0	0
mORF_+_3852114	3852114	3852170	+	3	57	GTG	TGA	0	0
mORF_+_3852243	3852243	3852290	+	3	48	TTG	TAA	0	0
mORF_+_3852318	3852318	3852356	+	3	39	ATG	TAA	0	0
mORF_+_3852418	3852418	3852546	+	1	129	GTG	TAA	0	0
mORF_+_3852459	3852459	3852470	+	3	12	GTG	TGA	0	0
mORF_+_3852513	3852513	3852587	+	3	75	ATG	TGA	0	0
mORF_+_3852594	3852594	3852644	+	3	51	TTG	TGA	0	0
mORF_+_3852717	3852717	3852764	+	3	48	TTG	TAA	0	0
mORF_+_3852724	3852724	3852747	+	1	24	ATG	TAA	0	0
mORF_+_3852766	3852766	3853221	+	1	456	GTG	TAA	0	0
mORF_+_3852825	3852825	3852833	+	3	9	TTG	TGA	0	0
mORF_+_3852837	3852837	3853049	+	3	213	ATG	TGA	0	0
mORF_+_3853173	3853173	3853358	+	3	186	ATG	TAA	0	0
mORF_+_3853211	3853211	3853393	+	2	183	GTG	TGA	0	0
mORF_+_3853360	3853360	3853500	+	1	141	GTG	TAG	0	0
mORF_+_3853504	3853504	3853545	+	1	42	ATG	TGA	0	0
mORF_+_3853542	3853542	3853664	+	3	123	GTG	TGA	0	0
mORF_+_3853573	3853573	3853623	+	1	51	TTG	TGA	0	0
mORF_+_3853633	3853633	3853650	+	1	18	ATG	TAA	0	0
mORF_+_3853661	3853661	3853702	+	2	42	TTG	TAA	0	0
mORF_+_3853690	3853690	3853767	+	1	78	TTG	TGA	0	0
mORF_+_3853725	3853725	3853742	+	3	18	TTG	TGA	0	0
mORF_+_3853739	3853739	3853777	+	2	39	GTG	TAA	0	0
mORF_+_3853764	3853764	3853796	+	3	33	GTG	TAG	0	0
mORF_+_3853796	3853796	3853849	+	2	54	GTG	TAA	0	0
mORF_+_3853818	3853818	3853904	+	3	87	ATG	TAG	0	0
mORF_+_3853862	3853862	3853933	+	2	72	GTG	TGA	0	0
mORF_+_3853911	3853911	3854039	+	3	129	ATG	TAA	0	0
mORF_+_3853930	3853930	3854067	+	1	138	GTG	TAG	0	0
mORF_+_3854101	3854101	3854121	+	1	21	TTG	TAG	0	0
mORF_+_3854179	3854179	3854211	+	1	33	ATG	TGA	0	0
mORF_+_3854208	3854208	3854243	+	3	36	TTG	TAG	0	0
mORF_+_3854243	3854243	3854281	+	2	39	GTG	TAG	0	0
mORF_+_3854330	3854330	3854887	+	2	558	TTG	TAA	0	0
mORF_+_3854341	3854341	3854355	+	1	15	TTG	TAA	0	0
mORF_+_3854407	3854407	3854460	+	1	54	ATG	TAA	0	0
mORF_+_3854487	3854487	3854501	+	3	15	GTG	TAA	0	0
mORF_+_3854556	3854556	3854615	+	3	60	TTG	TAA	0	0
mORF_+_3854658	3854658	3854843	+	3	186	ATG	TGA	0	0
mORF_+_3854713	3854713	3854739	+	1	27	TTG	TAA	0	0
mORF_+_3854827	3854827	3854994	+	1	168	GTG	TAG	0	0
mORF_+_3854900	3854900	3854914	+	2	15	ATG	TGA	0	0
mORF_+_3854970	3854970	3854981	+	3	12	TTG	TAG	0	0
mORF_+_3854972	3854972	3855241	+	2	270	GTG	TGA	0	0
mORF_+_3855021	3855021	3855137	+	3	117	TTG	TAA	0	0
mORF_+_3855118	3855118	3855129	+	1	12	TTG	TAA	0	0
mORF_+_3855144	3855144	3855437	+	3	294	ATG	TAA	0	0
mORF_+_3855151	3855151	3855225	+	1	75	TTG	TAA	0	0
mORF_+_3855238	3855238	3855327	+	1	90	GTG	TAG	0	0
mORF_+_3855353	3855353	3855451	+	2	99	GTG	TGA	0	0
mORF_+_3855444	3855444	3855623	+	3	180	ATG	TAA	0	0
mORF_+_3855493	3855493	3855576	+	1	84	ATG	TGA	0	0
mORF_+_3855554	3855554	3855592	+	2	39	GTG	TAA	0	0
mORF_+_3855628	3855628	3855678	+	1	51	TTG	TAG	0	0
mORF_+_3855645	3855645	3855737	+	3	93	TTG	TAA	0	0
mORF_+_3855716	3855716	3855760	+	2	45	ATG	TAG	0	0

mORF_+_3855741	3855741	3855818	+	3	78	GTG	TAA	0	0
mORF_+_3855754	3855754	3855795	+	1	42	TTG	TAG	0	0
mORF_+_3855773	3855773	3855838	+	2	66	GTG	TGA	0	0
mORF_+_3855835	3855835	3855846	+	1	12	GTG	TGA	0	0
mORF_+_3855843	3855843	3855977	+	3	135	GTG	TAA	0	0
mORF_+_3855925	3855925	3856044	+	1	120	TTG	TAG	0	0
mORF_+_3856096	3856096	3856107	+	1	12	GTG	TAG	0	0
mORF_+_3856110	3856110	3856253	+	3	144	ATG	TAG	0	0
mORF_+_3856129	3856129	3856140	+	1	12	TTG	TAA	0	0
mORF_+_3856144	3856144	3856149	+	1	6	GTG	TGA	0	0
mORF_+_3856180	3856180	3856239	+	1	60	GTG	TAG	0	0
mORF_+_3856262	3856262	3856303	+	2	42	GTG	TAA	0	0
mORF_+_3856288	3856288	3856293	+	1	6	GTG	TAG	0	0
mORF_+_3856338	3856338	3856472	+	3	135	TTG	TGA	0	0
mORF_+_3856378	3856378	3856452	+	1	75	TTG	TAA	0	0
mORF_+_3856469	3856469	3856543	+	2	75	GTG	TAA	0	0
mORF_+_3856521	3856521	3856529	+	3	9	ATG	TAA	0	0
mORF_+_3856608	3856608	3856757	+	3	150	ATG	TAG	0	0
mORF_+_3856615	3856615	3856629	+	1	15	TTG	TGA	0	0
mORF_+_3856763	3856763	3857077	+	2	315	ATG	TAA	0	0
mORF_+_3856788	3856788	3856802	+	3	15	TTG	TAG	0	0
mORF_+_3856809	3856809	3856901	+	3	93	ATG	TAA	0	0
mORF_+_3856831	3856831	3856872	+	1	42	TTG	TAA	0	0
mORF_+_3856902	3856902	3857060	+	3	159	ATG	TAA	0	0
mORF_+_3857103	3857103	3857192	+	3	90	TTG	TAG	0	0
mORF_+_3857155	3857155	3857178	+	1	24	TTG	TGA	0	0
mORF_+_3857196	3857196	3857219	+	3	24	ATG	TGA	0	0
mORF_+_3857225	3857225	3857290	+	2	66	ATG	TAA	0	0
mORF_+_3857303	3857303	3857326	+	2	24	TTG	TGA	0	0
mORF_+_3857323	3857323	3857397	+	1	75	TTG	TAA	0	0
mORF_+_3857334	3857334	3857354	+	3	21	GTG	TGA	0	0
mORF_+_3857339	3857339	3857440	+	2	102	TTG	TGA	0	0
mORF_+_3857373	3857373	3857459	+	3	87	GTG	TGA	0	0
mORF_+_3857398	3857398	3857469	+	1	72	ATG	TGA	0	0
mORF_+_3857456	3857456	3857515	+	2	60	GTG	TAG	0	0
mORF_+_3857463	3857463	3857666	+	3	204	GTG	TGA	0	0
mORF_+_3857584	3857584	3857655	+	1	72	TTG	TAG	0	0
mORF_+_3857663	3857663	3857677	+	2	15	GTG	TAG	0	0
mORF_+_3857690	3857690	3857764	+	2	75	GTG	TAG	0	0
mORF_+_3857703	3857703	3857726	+	3	24	TTG	TAG	0	0
mORF_+_3857754	3857754	3857804	+	3	51	GTG	TAA	0	0
mORF_+_3857826	3857826	3857852	+	3	27	ATG	TAG	0	0
mORF_+_3857922	3857922	3857936	+	3	15	ATG	TAG	0	0
mORF_+_3857960	3857960	3857983	+	2	24	TTG	TAG	0	0
mORF_+_3857967	3857967	3858038	+	3	72	GTG	TAG	0	0
mORF_+_3858016	3858016	3858084	+	1	69	GTG	TGA	0	0
mORF_+_3858041	3858041	3858130	+	2	90	TTG	TAA	0	0
mORF_+_3858063	3858063	3858146	+	3	84	TTG	TAG	0	0
mORF_+_3858156	3858156	3858194	+	3	39	ATG	TAA	0	0
mORF_+_3858175	3858175	3858225	+	1	51	ATG	TAA	0	0
mORF_+_3858253	3858253	3858279	+	1	27	TTG	TGA	0	0
mORF_+_3858276	3858276	3859199	+	3	924	GTG	TAA	0	0
mORF_+_3858310	3858310	3858336	+	1	27	ATG	TAA	0	0
mORF_+_3858379	3858379	3858384	+	1	6	ATG	TGA	0	0
mORF_+_3858488	3858488	3858613	+	2	126	ATG	TGA	0	0
mORF_+_3858493	3858493	3858534	+	1	42	TTG	TAA	0	0
mORF_+_3858538	3858538	3858552	+	1	15	ATG	TAA	0	0
mORF_+_3858559	3858559	3858582	+	1	24	ATG	TAA	0	0
mORF_+_3858610	3858610	3858621	+	1	12	GTG	TAG	0	0
mORF_+_3858676	3858676	3858744	+	1	69	TTG	TAA	0	0
mORF_+_3858809	3858809	3858838	+	2	30	GTG	TAA	0	0
mORF_+_3858832	3858832	3858873	+	1	42	ATG	TAA	0	0
mORF_+_3858874	3858874	3858915	+	1	42	TTG	TAG	0	0

mORF_+_3859009	3859009	3859041	+	1	33	ATG	TAA	0	0
mORF_+_3859060	3859060	3859155	+	1	96	TTG	TAA	0	0
mORF_+_3859180	3859180	3859251	+	1	72	ATG	TAG	0	0
mORF_+_3859221	3859221	3859313	+	3	93	TTG	TGA	0	0
mORF_+_3859307	3859307	3859318	+	2	12	GTG	TGA	0	0
mORF_+_3859315	3859315	3859602	+	1	288	ATG	TGA	0	0
mORF_+_3859361	3859361	3859375	+	2	15	TTG	TAA	0	0
mORF_+_3859445	3859445	3859579	+	2	135	TTG	TAG	0	0
mORF_+_3859494	3859494	3859514	+	3	21	TTG	TGA	0	0
mORF_+_3859580	3859580	3859618	+	2	39	TTG	TAA	0	0
mORF_+_3859596	3859596	3859769	+	3	174	TTG	TGA	0	0
mORF_+_3859643	3859643	3859690	+	2	48	ATG	TGA	0	0
mORF_+_3859702	3859702	3859998	+	1	297	GTG	TGA	0	0
mORF_+_3859745	3859745	3859813	+	2	69	TTG	TAA	0	0
mORF_+_3859788	3859788	3859817	+	3	30	ATG	TAA	0	0
mORF_+_3859823	3859823	3859900	+	2	78	ATG	TAA	0	0
mORF_+_3859908	3859908	3859967	+	3	60	GTG	TAA	0	0
mORF_+_3859955	3859955	3860026	+	2	72	ATG	TAA	0	0
mORF_+_3860026	3860026	3860049	+	1	24	ATG	TGA	0	0
mORF_+_3860046	3860046	3860063	+	3	18	TTG	TAA	0	0
mORF_+_3860094	3860094	3860186	+	3	93	ATG	TGA	0	0
mORF_+_3860104	3860104	3860115	+	1	12	ATG	TGA	0	0
mORF_+_3860116	3860116	3860283	+	1	168	ATG	TGA	0	0
mORF_+_3860183	3860183	3860230	+	2	48	GTG	TAA	0	0
mORF_+_3860193	3860193	3860210	+	3	18	ATG	TAA	0	0
mORF_+_3860262	3860262	3860348	+	3	87	TTG	TGA	0	0
mORF_+_3860297	3860297	3860395	+	2	99	TTG	TGA	0	0
mORF_+_3860311	3860311	3860352	+	1	42	GTG	TAG	0	0
mORF_+_3860383	3860383	3860523	+	1	141	GTG	TAG	0	0
mORF_+_3860408	3860408	3860440	+	2	33	GTG	TAA	0	0
mORF_+_3860460	3860460	3860516	+	3	57	TTG	TAA	0	0
mORF_+_3860542	3860542	3860877	+	1	336	ATG	TGA	0	0
mORF_+_3860582	3860582	3860629	+	2	48	TTG	TGA	0	0
mORF_+_3860601	3860601	3860624	+	3	24	GTG	TGA	0	0
mORF_+_3860684	3860684	3860737	+	2	54	TTG	TGA	0	0
mORF_+_3860777	3860777	3860845	+	2	69	TTG	TGA	0	0
mORF_+_3860787	3860787	3860936	+	3	150	GTG	TAA	0	0
mORF_+_3860878	3860878	3860922	+	1	45	ATG	TAG	0	0
mORF_+_3860923	3860923	3860973	+	1	51	ATG	TAA	0	0
mORF_+_3860942	3860942	3861097	+	2	156	TTG	TAA	0	0
mORF_+_3861012	3861012	3861404	+	3	393	TTG	TAA	0	0
mORF_+_3861124	3861124	3861273	+	1	150	ATG	TGA	0	0
mORF_+_3861197	3861197	3861208	+	2	12	TTG	TAA	0	0
mORF_+_3861242	3861242	3861277	+	2	36	TTG	TGA	0	0
mORF_+_3861274	3861274	3861294	+	1	21	GTG	TAG	0	0
mORF_+_3861319	3861319	3861330	+	1	12	TTG	TAG	0	0
mORF_+_3861397	3861397	3861612	+	1	216	ATG	TGA	0	0
mORF_+_3861465	3861465	3861485	+	3	21	GTG	TAA	0	0
mORF_+_3861503	3861503	3861589	+	2	87	GTG	TGA	0	0
mORF_+_3861528	3861528	3861659	+	3	132	TTG	TAG	0	0
mORF_+_3861669	3861669	3861773	+	3	105	TTG	TAG	0	0
mORF_+_3861721	3861721	3861744	+	1	24	ATG	TGA	0	0
mORF_+_3861763	3861763	3862638	+	1	876	TTG	TAA	0	0
mORF_+_3861806	3861806	3861841	+	2	36	GTG	TAA	0	0
mORF_+_3861849	3861849	3861965	+	3	117	ATG	TAA	0	0
mORF_+_3861878	3861878	3861919	+	2	42	GTG	TAG	0	0
mORF_+_3861938	3861938	3861952	+	2	15	TTG	TAA	0	0
mORF_+_3862001	3862001	3862042	+	2	42	GTG	TGA	0	0
mORF_+_3862058	3862058	3862072	+	2	15	TTG	TAG	0	0
mORF_+_3862074	3862074	3862103	+	3	30	GTG	TAG	0	0
mORF_+_3862103	3862103	3862153	+	2	51	GTG	TGA	0	0
mORF_+_3862214	3862214	3862321	+	2	108	TTG	TGA	0	0
mORF_+_3862394	3862394	3862426	+	2	33	TTG	TGA	0	0

mORF_+_3862413	3862413	3862436	+	3	24	GTG	TAA	0	0
mORF_+_3862427	3862427	3862450	+	2	24	TTG	TGA	0	0
mORF_+_3862580	3862580	3862678	+	2	99	ATG	TGA	0	0
mORF_+_3862668	3862668	3862835	+	3	168	TTG	TAA	0	0
mORF_+_3862675	3862675	3862707	+	1	33	GTG	TAG	0	0
mORF_+_3862711	3862711	3862719	+	1	9	GTG	TAA	0	0
mORF_+_3862742	3862742	3862759	+	2	18	TTG	TAG	0	0
mORF_+_3862786	3862786	3862821	+	1	36	ATG	TAA	0	0
mORF_+_3862828	3862828	3862893	+	1	66	TTG	TAA	0	0
mORF_+_3862918	3862918	3863190	+	1	273	TTG	TGA	0	0
mORF_+_3863012	3863012	3863023	+	2	12	TTG	TAA	0	0
mORF_+_3863196	3863196	3863498	+	3	303	TTG	TAA	0	0
mORF_+_3863227	3863227	3863355	+	1	129	TTG	TAG	0	0
mORF_+_3863243	3863243	3863269	+	2	27	TTG	TGA	0	0
mORF_+_3863404	3863404	3863472	+	1	69	TTG	TGA	0	0
mORF_+_3863520	3863520	3863570	+	3	51	ATG	TAG	0	0
mORF_+_3863545	3863545	3863727	+	1	183	ATG	TGA	0	0
mORF_+_3863646	3863646	3863711	+	3	66	ATG	TGA	0	0
mORF_+_3863708	3863708	3863746	+	2	39	GTG	TGA	0	0
mORF_+_3863718	3863718	3864026	+	3	309	GTG	TAA	0	0
mORF_+_3863743	3863743	3863820	+	1	78	TTG	TAA	0	0
mORF_+_3863801	3863801	3863908	+	2	108	ATG	TAA	0	0
mORF_+_3863902	3863902	3864069	+	1	168	TTG	TGA	0	0
mORF_+_3863942	3863942	3863977	+	2	36	GTG	TAA	0	0
mORF_+_3864041	3864041	3864079	+	2	39	ATG	TAG	0	0
mORF_+_3864117	3864117	3864137	+	3	21	ATG	TAA	0	0
mORF_+_3864137	3864137	3864175	+	2	39	ATG	TGA	0	0
mORF_+_3864162	3864162	3864206	+	3	45	ATG	TAA	0	0
mORF_+_3864172	3864172	3864312	+	1	141	ATG	TGA	0	0
mORF_+_3864281	3864281	3864325	+	2	45	ATG	TAA	0	0
mORF_+_3864309	3864309	3864317	+	3	9	TTG	TAA	0	0
mORF_+_3864326	3864326	3864445	+	2	120	TTG	TAA	0	0
mORF_+_3864361	3864361	3864411	+	1	51	TTG	TAA	0	0
mORF_+_3864467	3864467	3864487	+	2	21	ATG	TAG	0	0
mORF_+_3864541	3864541	3864651	+	1	111	ATG	TGA	0	0
mORF_+_3864573	3864573	3864581	+	3	9	ATG	TAA	0	0
mORF_+_3864596	3864596	3864631	+	2	36	TTG	TAA	0	0
mORF_+_3864644	3864644	3864658	+	2	15	ATG	TAA	0	0
mORF_+_3864663	3864663	3864746	+	3	84	TTG	TAA	0	0
mORF_+_3864689	3864689	3864781	+	2	93	TTG	TAA	0	0
mORF_+_3864703	3864703	3864738	+	1	36	GTG	TGA	0	0
mORF_+_3864781	3864781	3864789	+	1	9	ATG	TAG	0	0
mORF_+_3864789	3864789	3864905	+	3	117	GTG	TAA	0	0
mORF_+_3864811	3864811	3864888	+	1	78	ATG	TGA	0	0
mORF_+_3864854	3864854	3864922	+	2	69	GTG	TAG	0	0
mORF_+_3864976	3864976	3865035	+	1	60	ATG	TAG	0	0
mORF_+_3864995	3864995	3865027	+	2	33	ATG	TAG	0	0
mORF_+_3865036	3865036	3865131	+	1	96	TTG	TGA	0	0
mORF_+_3865128	3865128	3865145	+	3	18	ATG	TAA	0	0
mORF_+_3865132	3865132	3865194	+	1	63	ATG	TAG	0	0
mORF_+_3865195	3865195	3865221	+	1	27	GTG	TGA	0	0
mORF_+_3865206	3865206	3865379	+	3	174	TTG	TAA	0	0
mORF_+_3865300	3865300	3865308	+	1	9	ATG	TAA	0	0
mORF_+_3865369	3865369	3865419	+	1	51	TTG	TAA	0	0
mORF_+_3865380	3865380	3865430	+	3	51	GTG	TAA	0	0
mORF_+_3865473	3865473	3865478	+	3	6	ATG	TAA	0	0
mORF_+_3865490	3865490	3865621	+	2	132	ATG	TAG	0	0
mORF_+_3865543	3865543	3865548	+	1	6	ATG	TAA	0	0
mORF_+_3865551	3865551	3865676	+	3	126	ATG	TAA	0	0
mORF_+_3865597	3865597	3865626	+	1	30	TTG	TGA	0	0
mORF_+_3865649	3865649	3865657	+	2	9	GTG	TAG	0	0
mORF_+_3865666	3865666	3865710	+	1	45	GTG	TAA	0	0
mORF_+_3865676	3865676	3866083	+	2	408	ATG	TGA	2	6

pORF_+_3865676

mORF_+_3865740	3865740	3865754	+	3	15	ATG	TGA	0	0	
mORF_+_3865761	3865761	3865772	+	3	12	ATG	TAG	0	0	
mORF_+_3865783	3865783	3865896	+	1	114	ATG	TGA	0	0	
mORF_+_3865884	3865884	3865952	+	3	69	TTG	TGA	0	0	
mORF_+_3865972	3865972	3866016	+	1	45	GTG	TGA	0	0	
mORF_+_3865977	3865977	3866180	+	3	204	ATG	TGA	1	2	pORF_+_3865977
mORF_+_3866101	3866101	3866142	+	1	42	GTG	TGA	0	0	
mORF_+_3866177	3866177	3866290	+	2	114	GTG	TAA	0	0	
mORF_+_3866182	3866182	3866301	+	1	120	TTG	TGA	0	0	
mORF_+_3866187	3866187	3866201	+	3	15	GTG	TAA	0	0	
mORF_+_3866220	3866220	3866276	+	3	57	TTG	TGA	0	0	
mORF_+_3866280	3866280	3866324	+	3	45	ATG	TAA	0	0	
mORF_+_3866291	3866291	3866356	+	2	66	ATG	TAA	0	0	
mORF_+_3866311	3866311	3866463	+	1	153	TTG	TAA	0	0	
mORF_+_3866364	3866364	3866393	+	3	30	TTG	TAA	0	0	
mORF_+_3866403	3866403	3866453	+	3	51	TTG	TAA	0	0	
mORF_+_3866405	3866405	3866449	+	2	45	GTG	TGA	0	0	
mORF_+_3866469	3866469	3866486	+	3	18	ATG	TAA	0	0	
mORF_+_3866510	3866510	3866599	+	2	90	GTG	TAA	0	0	
mORF_+_3866580	3866580	3866588	+	3	9	TTG	TAA	0	0	
mORF_+_3866624	3866624	3866647	+	2	24	TTG	TAA	0	0	
mORF_+_3866635	3866635	3866661	+	1	27	GTG	TGA	0	0	
mORF_+_3866648	3866648	3866695	+	2	48	ATG	TGA	0	0	
mORF_+_3866658	3866658	3867083	+	3	426	GTG	TGA	0	0	
mORF_+_3866692	3866692	3866874	+	1	183	TTG	TAG	0	0	
mORF_+_3866714	3866714	3866794	+	2	81	GTG	TGA	0	0	
mORF_+_3866986	3866986	3867018	+	1	33	TTG	TGA	0	0	
mORF_+_3867035	3867035	3867067	+	2	33	ATG	TGA	0	0	
mORF_+_3867064	3867064	3867093	+	1	30	ATG	TGA	0	0	
mORF_+_3867090	3867090	3867125	+	3	36	ATG	TGA	0	0	
mORF_+_3867113	3867113	3867139	+	2	27	GTG	TAA	0	0	
mORF_+_3867156	3867156	3867395	+	3	240	ATG	TGA	0	0	
mORF_+_3867175	3867175	3867270	+	1	96	ATG	TGA	0	0	
mORF_+_3867298	3867298	3867312	+	1	15	ATG	TGA	0	0	
mORF_+_3867371	3867371	3867382	+	2	12	TTG	TGA	0	0	
mORF_+_3867379	3867379	3868464	+	1	1086	GTG	TAG	0	0	
mORF_+_3867386	3867386	3867391	+	2	6	ATG	TGA	0	0	
mORF_+_3867392	3867392	3867466	+	2	75	GTG	TAG	0	0	
mORF_+_3867507	3867507	3867518	+	3	12	GTG	TGA	0	0	
mORF_+_3867509	3867509	3867589	+	2	81	GTG	TGA	0	0	
mORF_+_3867602	3867602	3867607	+	2	6	ATG	TGA	0	0	
mORF_+_3867701	3867701	3867721	+	2	21	ATG	TGA	0	0	
mORF_+_3867714	3867714	3867746	+	3	33	GTG	TGA	0	0	
mORF_+_3867743	3867743	3867994	+	2	252	TTG	TAA	0	0	
mORF_+_3867765	3867765	3867785	+	3	21	GTG	TGA	0	0	
mORF_+_3867795	3867795	3867917	+	3	123	ATG	TAA	0	0	
mORF_+_3867936	3867936	3867983	+	3	48	GTG	TGA	0	0	
mORF_+_3868008	3868008	3868127	+	3	120	ATG	TAA	0	0	
mORF_+_3868040	3868040	3868060	+	2	21	TTG	TGA	0	0	
mORF_+_3868121	3868121	3868135	+	2	15	TTG	TGA	0	0	
mORF_+_3868146	3868146	3868193	+	3	48	ATG	TAA	0	0	
mORF_+_3868181	3868181	3868210	+	2	30	TTG	TGA	0	0	
mORF_+_3868211	3868211	3868303	+	2	93	TTG	TGA	0	0	
mORF_+_3868389	3868389	3868640	+	3	252	ATG	TAA	0	0	
mORF_+_3868430	3868430	3868456	+	2	27	GTG	TGA	0	0	
mORF_+_3868541	3868541	3868597	+	2	57	GTG	TGA	0	0	
mORF_+_3868594	3868594	3868758	+	1	165	GTG	TAG	0	0	
mORF_+_3868658	3868658	3868687	+	2	30	GTG	TAA	0	0	
mORF_+_3868712	3868712	3868735	+	2	24	ATG	TAA	0	0	
mORF_+_3868771	3868771	3868959	+	1	189	ATG	TAG	0	0	
mORF_+_3868826	3868826	3868915	+	2	90	GTG	TAA	0	0	
mORF_+_3868988	3868988	3868993	+	2	6	GTG	TAG	0	0	
mORF_+_3869007	3869007	3869069	+	3	63	TTG	TAA	0	0	

mORF_+_3869059	3869059	3869076	+	1	18	TTG	TGA	0	0
mORF_+_3869131	3869131	3869136	+	1	6	ATG	TAA	0	0
mORF_+_3869149	3869149	3869181	+	1	33	TTG	TGA	0	0
mORF_+_3869212	3869212	3869265	+	1	54	ATG	TGA	0	0
mORF_+_3869244	3869244	3869435	+	3	192	GTG	TAA	0	0
mORF_+_3869380	3869380	3869505	+	1	126	TTG	TAA	0	0
mORF_+_3869435	3869435	3869500	+	2	66	ATG	TAA	0	0
mORF_+_3869605	3869605	3869628	+	1	24	TTG	TGA	0	0
mORF_+_3869631	3869631	3869807	+	3	177	ATG	TAA	0	0
mORF_+_3869653	3869653	3869670	+	1	18	TTG	TAA	0	0
mORF_+_3869674	3869674	3869712	+	1	39	ATG	TAA	0	0
mORF_+_3869729	3869729	3869740	+	2	12	TTG	TAA	0	0
mORF_+_3869773	3869773	3869853	+	1	81	TTG	TGA	0	0
mORF_+_3869832	3869832	3869843	+	3	12	TTG	TAG	0	0
mORF_+_3869843	3869843	3869980	+	2	138	GTG	TAA	0	0
mORF_+_3869850	3869850	3869903	+	3	54	ATG	TGA	0	0
mORF_+_3869863	3869863	3869943	+	1	81	GTG	TGA	0	0
mORF_+_3870018	3870018	3870074	+	3	57	ATG	TAA	0	0
mORF_+_3870074	3870074	3870307	+	2	234	ATG	TGA	0	0
mORF_+_3870145	3870145	3870228	+	1	84	GTG	TAA	0	0
mORF_+_3870213	3870213	3870218	+	3	6	TTG	TAG	0	0
mORF_+_3870304	3870304	3870402	+	1	99	GTG	TAA	0	0
mORF_+_3870312	3870312	3870365	+	3	54	ATG	TAG	0	0
mORF_+_3870338	3870338	3870565	+	2	228	ATG	TAG	0	0
mORF_+_3870495	3870495	3870674	+	3	180	TTG	TAG	0	0
mORF_+_3870517	3870517	3870531	+	1	15	GTG	TAA	0	0
mORF_+_3870684	3870684	3870806	+	3	123	TTG	TAG	0	0
mORF_+_3870710	3870710	3870754	+	2	45	TTG	TAA	0	0
mORF_+_3870827	3870827	3870835	+	2	9	TTG	TAA	0	0
mORF_+_3870840	3870840	3870860	+	3	21	TTG	TGA	0	0
mORF_+_3870850	3870850	3871005	+	1	156	ATG	TAA	0	0
mORF_+_3870884	3870884	3870991	+	2	108	GTG	TAA	0	0
mORF_+_3870999	3870999	3871046	+	3	48	GTG	TAA	0	0
mORF_+_3871021	3871021	3871113	+	1	93	TTG	TAA	0	0
mORF_+_3871050	3871050	3871223	+	3	174	ATG	TGA	0	0
mORF_+_3871070	3871070	3871099	+	2	30	GTG	TAG	0	0
mORF_+_3871190	3871190	3871339	+	2	150	ATG	TAG	0	0
mORF_+_3871228	3871228	3871248	+	1	21	TTG	TGA	0	0
mORF_+_3871245	3871245	3871292	+	3	48	ATG	TAA	0	0
mORF_+_3871366	3871366	3871758	+	1	393	ATG	TGA	0	0
mORF_+_3871373	3871373	3871393	+	2	21	TTG	TGA	0	0
mORF_+_3871460	3871460	3871987	+	2	528	TTG	TGA	0	0
mORF_+_3871506	3871506	3871589	+	3	84	GTG	TAA	0	0
mORF_+_3871641	3871641	3871661	+	3	21	ATG	TGA	0	0
mORF_+_3871668	3871668	3871709	+	3	42	GTG	TGA	0	0
mORF_+_3871755	3871755	3871769	+	3	15	GTG	TGA	0	0
mORF_+_3871852	3871852	3871914	+	1	63	GTG	TAA	0	0
mORF_+_3871899	3871899	3871991	+	3	93	ATG	TGA	0	0
mORF_+_3871984	3871984	3872043	+	1	60	ATG	TGA	0	0
mORF_+_3871988	3871988	3871996	+	2	9	GTG	TAA	0	0
mORF_+_3872003	3872003	3872011	+	2	9	ATG	TAA	0	0
mORF_+_3872028	3872028	3872096	+	3	69	GTG	TAA	0	0
mORF_+_3872045	3872045	3872185	+	2	141	TTG	TAA	0	0
mORF_+_3872134	3872134	3872196	+	1	63	GTG	TAA	0	0
mORF_+_3872157	3872157	3872174	+	3	18	TTG	TGA	0	0
mORF_+_3872205	3872205	3872438	+	3	234	TTG	TGA	0	0
mORF_+_3872225	3872225	3872263	+	2	39	TTG	TAA	0	0
mORF_+_3872269	3872269	3872349	+	1	81	GTG	TGA	0	0
mORF_+_3872408	3872408	3872572	+	2	165	TTG	TGA	0	0
mORF_+_3872457	3872457	3872486	+	3	30	TTG	TAG	0	0
mORF_+_3872476	3872476	3872511	+	1	36	TTG	TAA	0	0
mORF_+_3872496	3872496	3872501	+	3	6	ATG	TGA	0	0
mORF_+_3872517	3872517	3872540	+	3	24	GTG	TAA	0	0

mORF_+_3872572	3872572	3872700	+	1	129	ATG	TAA	0	0
mORF_+_3872621	3872621	3872740	+	2	120	ATG	TAG	0	0
mORF_+_3872710	3872710	3873297	+	1	588	ATG	TAG	0	0
mORF_+_3872777	3872777	3872917	+	2	141	TTG	TAG	0	0
mORF_+_3872907	3872907	3873053	+	3	147	GTG	TGA	0	0
mORF_+_3872948	3872948	3872959	+	2	12	GTG	TAA	0	0
mORF_+_3873050	3873050	3873130	+	2	81	ATG	TGA	0	0
mORF_+_3873066	3873066	3873152	+	3	87	TTG	TAA	0	0
mORF_+_3873152	3873152	3873238	+	2	87	ATG	TAA	0	0
mORF_+_3873195	3873195	3873254	+	3	60	GTG	TAG	0	0
mORF_+_3873278	3873278	3873292	+	2	15	TTG	TAA	0	0
mORF_+_3873310	3873310	3873351	+	1	42	TTG	TAA	0	0
mORF_+_3873344	3873344	3874117	+	2	774	ATG	TAA	0	0
mORF_+_3873361	3873361	3873381	+	1	21	ATG	TGA	0	0
mORF_+_3873421	3873421	3873438	+	1	18	ATG	TAG	0	0
mORF_+_3873540	3873540	3873659	+	3	120	ATG	TAG	0	0
mORF_+_3873687	3873687	3873776	+	3	90	ATG	TAA	0	0
mORF_+_3873777	3873777	3873911	+	3	135	ATG	TAA	0	0
mORF_+_3873924	3873924	3873959	+	3	36	ATG	TGA	0	0
mORF_+_3873993	3873993	3874052	+	3	60	ATG	TGA	0	0
mORF_+_3874095	3874095	3874109	+	3	15	TTG	TAA	0	0
mORF_+_3874141	3874141	3874188	+	1	48	ATG	TAG	0	0
mORF_+_3874148	3874148	3874249	+	2	102	TTG	TGA	0	0
mORF_+_3874218	3874218	3874316	+	3	99	TTG	TGA	0	0
mORF_+_3874297	3874297	3874332	+	1	36	TTG	TGA	0	0
mORF_+_3874329	3874329	3874604	+	3	276	ATG	TAG	0	0
mORF_+_3874366	3874366	3874392	+	1	27	GTG	TAA	0	0
mORF_+_3874592	3874592	3874855	+	2	264	ATG	TAG	0	0
mORF_+_3874620	3874620	3874661	+	3	42	TTG	TGA	0	0
mORF_+_3874731	3874731	3874772	+	3	42	GTG	TAA	0	0
mORF_+_3874776	3874776	3874784	+	3	9	ATG	TAG	0	0
mORF_+_3874821	3874821	3874922	+	3	102	TTG	TGA	0	0
mORF_+_3874909	3874909	3874956	+	1	48	GTG	TAG	0	0
mORF_+_3874919	3874919	3874990	+	2	72	GTG	TAG	0	0
mORF_+_3874938	3874938	3875012	+	3	75	GTG	TAA	0	0
mORF_+_3875006	3875006	3875158	+	2	153	ATG	TGA	0	0
mORF_+_3875059	3875059	3875190	+	1	132	ATG	TAA	0	0
mORF_+_3875121	3875121	3875315	+	3	195	ATG	TGA	0	0
mORF_+_3875168	3875168	3875176	+	2	9	TTG	TGA	0	0
mORF_+_3875201	3875201	3875215	+	2	15	TTG	TAA	0	0
mORF_+_3875249	3875249	3875344	+	2	96	TTG	TGA	0	0
mORF_+_3875272	3875272	3875307	+	1	36	TTG	TAA	0	0
mORF_+_3875316	3875316	3875327	+	3	12	TTG	TGA	0	0
mORF_+_3875341	3875341	3875427	+	1	87	TTG	TAG	0	0
mORF_+_3875349	3875349	3875393	+	3	45	ATG	TGA	0	0
mORF_+_3875369	3875369	3875422	+	2	54	TTG	TAA	0	0
mORF_+_3875394	3875394	3875432	+	3	39	ATG	TGA	0	0
mORF_+_3875487	3875487	3875567	+	3	81	ATG	TAA	0	0
mORF_+_3875512	3875512	3875532	+	1	21	GTG	TAG	0	0
mORF_+_3875542	3875542	3875652	+	1	111	ATG	TGA	0	0
mORF_+_3875549	3875549	3875602	+	2	54	TTG	TAG	0	0
mORF_+_3875607	3875607	3875624	+	3	18	TTG	TGA	0	0
mORF_+_3875621	3875621	3875722	+	2	102	GTG	TAG	0	0
mORF_+_3875649	3875649	3875681	+	3	33	ATG	TAG	0	0
mORF_+_3875665	3875665	3876405	+	1	741	TTG	TAA	0	0
mORF_+_3875715	3875715	3875771	+	3	57	ATG	TAA	0	0
mORF_+_3875807	3875807	3875929	+	2	123	GTG	TAA	0	0
mORF_+_3875936	3875936	3876004	+	2	69	ATG	TGA	0	0
mORF_+_3876068	3876068	3876109	+	2	42	GTG	TGA	0	0
mORF_+_3876182	3876182	3876190	+	2	9	TTG	TGA	0	0
mORF_+_3876224	3876224	3876310	+	2	87	TTG	TGA	0	0
mORF_+_3876330	3876330	3876362	+	3	33	TTG	TGA	0	0
mORF_+_3876359	3876359	3876484	+	2	126	TTG	TGA	0	0

mORF_+_3876420	3876420	3876470	+	3	51	ATG	TAG	0	0	
mORF_+_3876442	3876442	3876945	+	1	504	GTG	TAA	0	0	
mORF_+_3876506	3876506	3876553	+	2	48	ATG	TGA	0	0	
mORF_+_3876557	3876557	3876562	+	2	6	ATG	TAG	0	0	
mORF_+_3876626	3876626	3876673	+	2	48	ATG	TGA	0	0	
mORF_+_3876683	3876683	3876751	+	2	69	TTG	TGA	0	0	
mORF_+_3876788	3876788	3877240	+	2	453	TTG	TAG	0	0	
mORF_+_3877047	3877047	3877220	+	3	174	TTG	TGA	0	0	
mORF_+_3877247	3877247	3877258	+	2	12	TTG	TAG	0	0	
mORF_+_3877300	3877300	3878202	+	1	903	GTG	TAA	0	0	
mORF_+_3877325	3877325	3877345	+	2	21	ATG	TAG	0	0	
mORF_+_3877346	3877346	3877420	+	2	75	ATG	TAG	0	0	
mORF_+_3877445	3877445	3877492	+	2	48	TTG	TAG	0	0	
mORF_+_3877508	3877508	3877711	+	2	204	TTG	TAG	1	2	pORF_+_3877508
mORF_+_3877859	3877859	3877897	+	2	39	ATG	TGA	0	0	
mORF_+_3877910	3877910	3877954	+	2	45	ATG	TGA	0	0	
mORF_+_3877955	3877955	3877981	+	2	27	ATG	TGA	0	0	
mORF_+_3878027	3878027	3878131	+	2	105	ATG	TAA	0	0	
mORF_+_3878166	3878166	3878174	+	3	9	TTG	TAA	0	0	
mORF_+_3878226	3878226	3878351	+	3	126	ATG	TAG	0	0	
mORF_+_3878237	3878237	3878272	+	2	36	GTG	TGA	0	0	
mORF_+_3878269	3878269	3878379	+	1	111	GTG	TGA	0	0	
mORF_+_3878273	3878273	3878287	+	2	15	TTG	TAA	0	0	
mORF_+_3878376	3878376	3878510	+	3	135	GTG	TAG	0	0	
mORF_+_3878390	3878390	3878404	+	2	15	TTG	TAA	0	0	
mORF_+_3878489	3878489	3878515	+	2	27	GTG	TAG	0	0	
mORF_+_3878618	3878618	3878725	+	2	108	TTG	TAG	0	0	
mORF_+_3878676	3878676	3878735	+	3	60	GTG	TAA	0	0	
mORF_+_3878737	3878737	3878772	+	1	36	GTG	TGA	0	0	
mORF_+_3878760	3878760	3878822	+	3	63	TTG	TGA	0	0	
mORF_+_3878819	3878819	3878875	+	2	57	GTG	TAA	0	0	
mORF_+_3878842	3878842	3878871	+	1	30	ATG	TGA	0	0	
mORF_+_3878856	3878856	3879116	+	3	261	TTG	TAG	0	0	
mORF_+_3878905	3878905	3879066	+	1	162	TTG	TGA	0	0	
mORF_+_3878915	3878915	3878992	+	2	78	GTG	TAA	0	0	
mORF_+_3879032	3879032	3879184	+	2	153	GTG	TAA	0	0	
mORF_+_3879117	3879117	3879263	+	3	147	ATG	TGA	0	0	
mORF_+_3879260	3879260	3879271	+	2	12	ATG	TAA	0	0	
mORF_+_3879332	3879332	3879379	+	2	48	ATG	TAA	0	0	
mORF_+_3879386	3879386	3879418	+	2	33	TTG	TAG	0	0	
mORF_+_3879458	3879458	3879496	+	2	39	TTG	TAA	0	0	
mORF_+_3879554	3879554	3879616	+	2	63	TTG	TAA	0	0	
mORF_+_3879580	3879580	3879804	+	1	225	ATG	TGA	0	0	
mORF_+_3879641	3879641	3879790	+	2	150	TTG	TGA	0	0	
mORF_+_3879777	3879777	3879911	+	3	135	TTG	TAG	0	0	
mORF_+_3879820	3879820	3879882	+	1	63	GTG	TAA	0	0	
mORF_+_3879839	3879839	3879886	+	2	48	GTG	TAA	0	0	
mORF_+_3879901	3879901	3880242	+	1	342	ATG	TAA	0	0	
mORF_+_3879945	3879945	3879962	+	3	18	TTG	TAA	0	0	
mORF_+_3880124	3880124	3880165	+	2	42	TTG	TGA	0	0	
mORF_+_3880158	3880158	3880271	+	3	114	GTG	TAG	0	0	
mORF_+_3880300	3880300	3880305	+	1	6	TTG	TAG	0	0	
mORF_+_3880318	3880318	3880368	+	1	51	ATG	TGA	0	0	
mORF_+_3880375	3880375	3880392	+	1	18	TTG	TGA	0	0	
mORF_+_3880389	3880389	3880439	+	3	51	TTG	TGA	0	0	
mORF_+_3880397	3880397	3880768	+	2	372	GTG	TAG	0	0	
mORF_+_3880449	3880449	3880595	+	3	147	GTG	TAG	1	2	pORF_+_3880449
mORF_+_3880620	3880620	3880943	+	3	324	TTG	TAG	0	0	
mORF_+_3880648	3880648	3880692	+	1	45	ATG	TGA	0	0	
mORF_+_3880953	3880953	3880970	+	3	18	GTG	TGA	0	0	
mORF_+_3880967	3880967	3881410	+	2	444	TTG	TGA	0	0	
mORF_+_3880989	3880989	3881015	+	3	27	TTG	TGA	0	0	
mORF_+_3881059	3881059	3881088	+	1	30	GTG	TAA	0	0	

mORF_+_3881103	3881103	3881132	+	3	30	TTG	TGA	0	0	
mORF_+_3881163	3881163	3881216	+	3	54	TTG	TGA	0	0	
mORF_+_3881232	3881232	3881243	+	3	12	GTG	TAA	0	0	
mORF_+_3881343	3881343	3881372	+	3	30	GTG	TAG	0	0	
mORF_+_3881432	3881432	3881566	+	2	135	TTG	TAG	0	0	
mORF_+_3881455	3881455	3881577	+	1	123	GTG	TGA	0	0	
mORF_+_3881472	3881472	3881789	+	3	318	TTG	TAA	0	0	
mORF_+_3881623	3881623	3881688	+	1	66	TTG	TGA	0	0	
mORF_+_3881746	3881746	3881838	+	1	93	GTG	TGA	0	0	
mORF_+_3881807	3881807	3881920	+	2	114	TTG	TAA	0	0	
mORF_+_3881835	3881835	3881915	+	3	81	TTG	TAG	0	0	
mORF_+_3881992	3881992	3881997	+	1	6	GTG	TAA	0	0	
mORF_+_3882037	3882037	3882129	+	1	93	TTG	TAA	0	0	
mORF_+_3882066	3882066	3882074	+	3	9	TTG	TAA	0	0	
mORF_+_3882148	3882148	3882213	+	1	66	ATG	TAA	0	0	
mORF_+_3882164	3882164	3882169	+	2	6	GTG	TGA	0	0	
mORF_+_3882195	3882195	3882269	+	3	75	GTG	TAA	0	0	
mORF_+_3882239	3882239	3882346	+	2	108	GTG	TAG	0	0	
mORF_+_3882276	3882276	3882350	+	3	75	ATG	TAG	0	0	
mORF_+_3882359	3882359	3882499	+	2	141	ATG	TAA	7	134	pORF_+_3882359
mORF_+_3882414	3882414	3882485	+	3	72	GTG	TGA	0	0	
mORF_+_3882516	3882516	3882875	+	3	360	GTG	TGA	10	42	pORF_+_3882516
mORF_+_3882694	3882694	3882720	+	1	27	ATG	TGA	0	0	
mORF_+_3882724	3882724	3882909	+	1	186	GTG	TAG	0	0	
mORF_+_3882839	3882839	3883096	+	2	258	ATG	TAA	0	0	
mORF_+_3882928	3882928	3882966	+	1	39	TTG	TGA	0	0	
mORF_+_3882963	3882963	3882989	+	3	27	TTG	TGA	0	0	
mORF_+_3883000	3883000	3883053	+	1	54	TTG	TGA	0	0	
mORF_+_3883047	3883047	3883178	+	3	132	GTG	TAA	0	0	
mORF_+_3883099	3883099	3884745	+	1	1647	ATG	TGA	38	316	pORF_+_3883099
mORF_+_3883262	3883262	3883279	+	2	18	GTG	TGA	0	0	
mORF_+_3883301	3883301	3883309	+	2	9	TTG	TGA	0	0	
mORF_+_3883322	3883322	3883372	+	2	51	GTG	TGA	0	0	
mORF_+_3883448	3883448	3883552	+	2	105	GTG	TGA	0	0	
mORF_+_3883592	3883592	3883600	+	2	9	TTG	TGA	0	0	
mORF_+_3883604	3883604	3883687	+	2	84	GTG	TGA	0	0	
mORF_+_3883754	3883754	3883831	+	2	78	GTG	TGA	0	0	
mORF_+_3883847	3883847	3884008	+	2	162	GTG	TGA	0	0	
mORF_+_3883851	3883851	3883901	+	3	51	TTG	TAA	0	0	
mORF_+_3884019	3884019	3884084	+	3	66	GTG	TGA	0	0	
mORF_+_3884024	3884024	3884077	+	2	54	TTG	TGA	0	0	
mORF_+_3884081	3884081	3884131	+	2	51	TTG	TGA	0	0	
mORF_+_3884091	3884091	3884144	+	3	54	TTG	TAG	0	0	
mORF_+_3884147	3884147	3884215	+	2	69	TTG	TGA	0	0	
mORF_+_3884279	3884279	3884323	+	2	45	GTG	TGA	0	0	
mORF_+_3884429	3884429	3884509	+	2	81	TTG	TGA	0	0	
mORF_+_3884457	3884457	3884723	+	3	267	GTG	TAG	0	0	
mORF_+_3884696	3884696	3884764	+	2	69	GTG	TAA	0	0	
mORF_+_3884780	3884780	3884854	+	2	75	TTG	TGA	0	0	
mORF_+_3884851	3884851	3886215	+	1	1365	ATG	TAA	19	102	pORF_+_3884851
mORF_+_3884861	3884861	3884875	+	2	15	ATG	TAG	0	0	
mORF_+_3884897	3884897	3885115	+	2	219	GTG	TGA	0	0	
mORF_+_3885045	3885045	3885179	+	3	135	ATG	TGA	0	0	
mORF_+_3885164	3885164	3885220	+	2	57	TTG	TAG	0	0	
mORF_+_3885236	3885236	3885331	+	2	96	TTG	TAG	0	0	
mORF_+_3885371	3885371	3885502	+	2	132	TTG	TGA	0	0	
mORF_+_3885512	3885512	3885550	+	2	39	TTG	TAA	0	0	
mORF_+_3885566	3885566	3885583	+	2	18	GTG	TAA	0	0	
mORF_+_3885605	3885605	3885694	+	2	90	GTG	TAG	0	0	
mORF_+_3885701	3885701	3885889	+	2	189	TTG	TGA	0	0	
mORF_+_3885717	3885717	3885731	+	3	15	GTG	TGA	0	0	
mORF_+_3885890	3885890	3885898	+	2	9	GTG	TGA	0	0	
mORF_+_3885935	3885935	3886141	+	2	207	GTG	TAA	0	0	

mORF_+_3886205	3886205	3886240	+	2	36	TTG	TGA	0	0	
mORF_+_3886248	3886248	3886301	+	3	54	ATG	TAA	0	0	
mORF_+_3886264	3886264	3886308	+	1	45	TTG	TAA	0	0	
mORF_+_3886351	3886351	3886371	+	1	21	TTG	TGA	0	0	
mORF_+_3886368	3886368	3886415	+	3	48	GTG	TGA	0	0	
mORF_+_3886416	3886416	3886421	+	3	6	GTG	TAA	0	0	
mORF_+_3886424	3886424	3886429	+	2	6	ATG	TAG	0	0	
mORF_+_3886434	3886434	3886532	+	3	99	GTG	TGA	0	0	
mORF_+_3886439	3886439	3886450	+	2	12	TTG	TAA	0	0	
mORF_+_3886451	3886451	3886504	+	2	54	GTG	TGA	0	0	
mORF_+_3886477	3886477	3886482	+	1	6	GTG	TGA	0	0	
mORF_+_3886501	3886501	3886572	+	1	72	TTG	TAG	0	0	
mORF_+_3886529	3886529	3886606	+	2	78	TTG	TAA	0	0	
mORF_+_3886578	3886578	3886583	+	3	6	ATG	TGA	0	0	
mORF_+_3886593	3886593	3886652	+	3	60	TTG	TAG	0	0	
mORF_+_3886609	3886609	3886659	+	1	51	TTG	TGA	0	0	
mORF_+_3886616	3886616	3886732	+	2	117	TTG	TAA	0	0	
mORF_+_3886656	3886656	3886766	+	3	111	ATG	TAA	0	0	
mORF_+_3886666	3886666	3886689	+	1	24	TTG	TAA	0	0	
mORF_+_3886702	3886702	3886707	+	1	6	ATG	TAA	0	0	
mORF_+_3886738	3886738	3888168	+	1	1431	ATG	TAA	20	19	pORF_+_3886738
mORF_+_3886748	3886748	3886753	+	2	6	ATG	TAA	0	0	
mORF_+_3886793	3886793	3886810	+	2	18	GTG	TAA	0	0	
mORF_+_3886832	3886832	3886861	+	2	30	GTG	TGA	0	0	
mORF_+_3886886	3886886	3886906	+	2	21	ATG	TGA	0	0	
mORF_+_3886994	3886994	3887002	+	2	9	ATG	TAG	0	0	
mORF_+_3887024	3887024	3887092	+	2	69	TTG	TGA	0	0	
mORF_+_3887159	3887159	3887281	+	2	123	TTG	TAG	0	0	
mORF_+_3887291	3887291	3887383	+	2	93	TTG	TAA	0	0	
mORF_+_3887444	3887444	3887599	+	2	156	TTG	TGA	0	0	
mORF_+_3887592	3887592	3887618	+	3	27	GTG	TGA	0	0	
mORF_+_3887615	3887615	3887713	+	2	99	TTG	TAG	0	0	
mORF_+_3887631	3887631	3887723	+	3	93	GTG	TGA	0	0	
mORF_+_3887720	3887720	3887731	+	2	12	ATG	TGA	0	0	
mORF_+_3887780	3887780	3887935	+	2	156	ATG	TAG	0	0	
mORF_+_3887939	3887939	3887956	+	2	18	TTG	TAG	0	0	
mORF_+_3887988	3887988	3887999	+	3	12	ATG	TGA	0	0	
mORF_+_3888059	3888059	3888079	+	2	21	TTG	TGA	0	0	
mORF_+_3888182	3888182	3888262	+	2	81	GTG	TGA	0	0	
mORF_+_3888259	3888259	3889506	+	1	1248	ATG	TAA	0	0	
mORF_+_3888294	3888294	3888356	+	3	63	TTG	TGA	0	0	
mORF_+_3888299	3888299	3888313	+	2	15	GTG	TAG	0	0	
mORF_+_3888326	3888326	3888442	+	2	117	TTG	TAG	0	0	
mORF_+_3888536	3888536	3888613	+	2	78	TTG	TGA	0	0	
mORF_+_3888641	3888641	3888688	+	2	48	TTG	TAA	0	0	
mORF_+_3888681	3888681	3888932	+	3	252	GTG	TAA	0	0	
mORF_+_3888746	3888746	3888751	+	2	6	TTG	TGA	0	0	
mORF_+_3888758	3888758	3888904	+	2	147	TTG	TGA	0	0	
mORF_+_3888914	3888914	3888937	+	2	24	ATG	TAA	0	0	
mORF_+_3888953	3888953	3888976	+	2	24	TTG	TGA	0	0	
mORF_+_3888996	3888996	3889031	+	3	36	TTG	TAA	0	0	
mORF_+_3889058	3889058	3889072	+	2	15	TTG	TGA	0	0	
mORF_+_3889113	3889113	3889133	+	3	21	TTG	TAA	0	0	
mORF_+_3889142	3889142	3889246	+	2	105	TTG	TAA	0	0	
mORF_+_3889310	3889310	3889450	+	2	141	GTG	TAA	0	0	
mORF_+_3889320	3889320	3889484	+	3	165	GTG	TAA	0	0	
mORF_+_3889499	3889499	3889660	+	2	162	TTG	TAG	0	0	
mORF_+_3889539	3889539	3889583	+	3	45	TTG	TGA	0	0	
mORF_+_3889600	3889600	3889653	+	1	54	ATG	TGA	0	0	
mORF_+_3889605	3889605	3889634	+	3	30	TTG	TAG	0	0	
mORF_+_3889638	3889638	3890813	+	3	1176	ATG	TGA	0	0	
mORF_+_3889663	3889663	3889968	+	1	306	TTG	TAG	0	0	
mORF_+_3889958	3889958	3890002	+	2	45	TTG	TGA	0	0	

mORF_+_3889999	3889999	3890064	+	1	66	ATG	TAG	0	0	
mORF_+_3890102	3890102	3890209	+	2	108	GTG	TAA	0	0	
mORF_+_3890257	3890257	3890289	+	1	33	GTG	TGA	0	0	
mORF_+_3890341	3890341	3890376	+	1	36	TTG	TGA	0	0	
mORF_+_3890416	3890416	3890448	+	1	33	TTG	TGA	0	0	
mORF_+_3890491	3890491	3890538	+	1	48	TTG	TGA	0	0	
mORF_+_3890540	3890540	3890731	+	2	192	TTG	TAG	0	0	
mORF_+_3890563	3890563	3890577	+	1	15	TTG	TGA	0	0	
mORF_+_3890635	3890635	3890709	+	1	75	TTG	TGA	0	0	
mORF_+_3890722	3890722	3890736	+	1	15	TTG	TAG	0	0	
mORF_+_3890779	3890779	3891747	+	1	969	TTG	TAA	0	0	
mORF_+_3890810	3890810	3890845	+	2	36	TTG	TGA	0	0	
mORF_+_3890829	3890829	3890909	+	3	81	TTG	TAA	0	0	
mORF_+_3890931	3890931	3890939	+	3	9	GTG	TGA	0	0	
mORF_+_3890936	3890936	3890956	+	2	21	TTG	TGA	0	0	
mORF_+_3891018	3891018	3891050	+	3	33	GTG	TAA	0	0	
mORF_+_3891083	3891083	3891109	+	2	27	TTG	TGA	0	0	
mORF_+_3891125	3891125	3891202	+	2	78	ATG	TAG	0	0	
mORF_+_3891203	3891203	3891277	+	2	75	ATG	TAA	0	0	
mORF_+_3891296	3891296	3891487	+	2	192	TTG	TGA	0	0	
mORF_+_3891369	3891369	3891623	+	3	255	GTG	TGA	0	0	
mORF_+_3891602	3891602	3891760	+	2	159	TTG	TGA	0	0	
mORF_+_3891666	3891666	3891674	+	3	9	GTG	TAA	0	0	
mORF_+_3891757	3891757	3891783	+	1	27	ATG	TAA	0	0	
mORF_+_3891785	3891785	3891790	+	2	6	ATG	TAA	0	0	
mORF_+_3891796	3891796	3891801	+	1	6	TTG	TAA	0	0	
mORF_+_3891807	3891807	3891827	+	3	21	TTG	TAG	0	0	
mORF_+_3891857	3891857	3891889	+	2	33	ATG	TAA	0	0	
mORF_+_3891867	3891867	3891878	+	3	12	TTG	TAA	0	0	
mORF_+_3891892	3891892	3892653	+	1	762	ATG	TGA	0	0	
mORF_+_3891917	3891917	3891934	+	2	18	TTG	TAA	0	0	
mORF_+_3891972	3891972	3892109	+	3	138	GTG	TAA	0	0	
mORF_+_3892064	3892064	3892183	+	2	120	ATG	TAA	0	0	
mORF_+_3892193	3892193	3892360	+	2	168	GTG	TAA	0	0	
mORF_+_3892197	3892197	3892244	+	3	48	ATG	TAG	0	0	
mORF_+_3892290	3892290	3892301	+	3	12	ATG	TAA	0	0	
mORF_+_3892370	3892370	3892381	+	2	12	GTG	TGA	0	0	
mORF_+_3892382	3892382	3892429	+	2	48	ATG	TGA	0	0	
mORF_+_3892431	3892431	3892514	+	3	84	ATG	TGA	0	0	
mORF_+_3892433	3892433	3892444	+	2	12	GTG	TAA	0	0	
mORF_+_3892448	3892448	3892453	+	2	6	ATG	TAG	0	0	
mORF_+_3892511	3892511	3892537	+	2	27	TTG	TAG	0	0	
mORF_+_3892538	3892538	3892606	+	2	69	ATG	TGA	0	0	
mORF_+_3892613	3892613	3892633	+	2	21	TTG	TGA	0	0	
mORF_+_3892650	3892650	3892682	+	3	33	TTG	TGA	0	0	
mORF_+_3892675	3892675	3893241	+	1	567	ATG	TAA	24	203	pORF_+_3892675
mORF_+_3892733	3892733	3892906	+	2	174	ATG	TGA	0	0	
mORF_+_3892940	3892940	3892948	+	2	9	GTG	TGA	0	0	
mORF_+_3892952	3892952	3893011	+	2	60	ATG	TGA	0	0	
mORF_+_3893036	3893036	3893098	+	2	63	TTG	TGA	0	0	
mORF_+_3893141	3893141	3893164	+	2	24	TTG	TGA	0	0	
mORF_+_3893165	3893165	3893191	+	2	27	TTG	TGA	0	0	
mORF_+_3893210	3893210	3893245	+	2	36	TTG	TAA	0	0	
mORF_+_3893263	3893263	3893298	+	1	36	ATG	TAG	0	0	
mORF_+_3893267	3893267	3893281	+	2	15	ATG	TAA	0	0	
mORF_+_3893298	3893298	3893363	+	3	66	GTG	TAG	0	0	
mORF_+_3893344	3893344	3893403	+	1	60	ATG	TAG	0	0	
mORF_+_3893510	3893510	3893605	+	2	96	GTG	TAA	0	0	
mORF_+_3893761	3893761	3893910	+	1	150	ATG	TGA	0	0	
mORF_+_3893907	3893907	3894257	+	3	351	ATG	TAA	0	0	
mORF_+_3893947	3893947	3893958	+	1	12	ATG	TAG	0	0	
mORF_+_3894025	3894025	3894087	+	1	63	ATG	TGA	0	0	
mORF_+_3894103	3894103	3894234	+	1	132	ATG	TAG	0	0	

mORF_+_3894284	3894284	3894361	+	2	78	TTG	TAG	0	0	
mORF_+_3894365	3894365	3894388	+	2	24	GTG	TAG	0	0	
mORF_+_3894416	3894416	3894436	+	2	21	ATG	TAG	0	0	
mORF_+_3894436	3894436	3894504	+	1	69	GTG	TAA	0	0	
mORF_+_3894480	3894480	3894776	+	3	297	TTG	TAA	0	0	
mORF_+_3894520	3894520	3894600	+	1	81	GTG	TGA	0	0	
mORF_+_3894548	3894548	3894577	+	2	30	GTG	TAA	0	0	
mORF_+_3894613	3894613	3894624	+	1	12	GTG	TGA	0	0	
mORF_+_3894682	3894682	3894693	+	1	12	ATG	TAG	0	0	
mORF_+_3894700	3894700	3894705	+	1	6	TTG	TGA	0	0	
mORF_+_3894718	3894718	3894852	+	1	135	TTG	TGA	0	0	
mORF_+_3894797	3894797	3895462	+	2	666	ATG	TAG	1	2	pORF_+_3894797
mORF_+_3894849	3894849	3894878	+	3	30	GTG	TAA	0	0	
mORF_+_3894859	3894859	3894915	+	1	57	TTG	TGA	0	0	
mORF_+_3894894	3894894	3894944	+	3	51	TTG	TAA	0	0	
mORF_+_3894966	3894966	3894995	+	3	30	TTG	TAG	0	0	
mORF_+_3895023	3895023	3895163	+	3	141	GTG	TGA	0	0	
mORF_+_3895108	3895108	3895122	+	1	15	GTG	TAA	0	0	
mORF_+_3895245	3895245	3895262	+	3	18	ATG	TGA	0	0	
mORF_+_3895263	3895263	3895268	+	3	6	ATG	TAA	0	0	
mORF_+_3895269	3895269	3895274	+	3	6	ATG	TAG	0	0	
mORF_+_3895290	3895290	3895550	+	3	261	TTG	TAA	0	0	
mORF_+_3895429	3895429	3895494	+	1	66	GTG	TAA	0	0	
mORF_+_3895496	3895496	3895516	+	2	21	TTG	TAA	0	0	
mORF_+_3895529	3895529	3895996	+	2	468	ATG	TAA	0	0	
mORF_+_3895569	3895569	3895580	+	3	12	TTG	TAG	0	0	
mORF_+_3895590	3895590	3895652	+	3	63	TTG	TGA	0	0	
mORF_+_3895645	3895645	3895836	+	1	192	TTG	TAA	0	0	
mORF_+_3895716	3895716	3895721	+	3	6	GTG	TAA	0	0	
mORF_+_3895725	3895725	3895787	+	3	63	TTG	TAG	0	0	
mORF_+_3895788	3895788	3895928	+	3	141	GTG	TGA	0	0	
mORF_+_3895969	3895969	3895977	+	1	9	ATG	TGA	0	0	
mORF_+_3896013	3896013	3896048	+	3	36	TTG	TGA	0	0	
mORF_+_3896045	3896045	3896632	+	2	588	ATG	TAG	0	0	
mORF_+_3896112	3896112	3896132	+	3	21	TTG	TAG	0	0	
mORF_+_3896134	3896134	3896148	+	1	15	GTG	TGA	0	0	
mORF_+_3896145	3896145	3896282	+	3	138	GTG	TAG	0	0	
mORF_+_3896185	3896185	3896193	+	1	9	TTG	TGA	0	0	
mORF_+_3896215	3896215	3896244	+	1	30	GTG	TGA	0	0	
mORF_+_3896286	3896286	3896357	+	3	72	GTG	TGA	0	0	
mORF_+_3896367	3896367	3896468	+	3	102	TTG	TAA	0	0	
mORF_+_3896392	3896392	3896463	+	1	72	ATG	TGA	0	0	
mORF_+_3896481	3896481	3896540	+	3	60	ATG	TAG	0	0	
mORF_+_3896506	3896506	3896511	+	1	6	TTG	TGA	0	0	
mORF_+_3896545	3896545	3896622	+	1	78	ATG	TGA	0	0	
mORF_+_3896559	3896559	3896609	+	3	51	GTG	TGA	0	0	
mORF_+_3896619	3896619	3896708	+	3	90	GTG	TAA	0	0	
mORF_+_3896644	3896644	3896691	+	1	48	ATG	TAA	0	0	
mORF_+_3896702	3896702	3896788	+	2	87	GTG	TAA	0	0	
mORF_+_3896751	3896751	3896909	+	3	159	ATG	TAA	0	0	
mORF_+_3896813	3896813	3896839	+	2	27	GTG	TGA	0	0	
mORF_+_3896866	3896866	3896895	+	1	30	ATG	TAG	0	0	
mORF_+_3896934	3896934	3897041	+	3	108	ATG	TAA	0	0	
mORF_+_3897013	3897013	3897027	+	1	15	TTG	TGA	0	0	
mORF_+_3897090	3897090	3897410	+	3	321	ATG	TAA	0	0	
mORF_+_3897112	3897112	3897231	+	1	120	GTG	TAG	0	0	
mORF_+_3897209	3897209	3897265	+	2	57	ATG	TAA	0	0	
mORF_+_3897271	3897271	3897351	+	1	81	GTG	TAA	0	0	
mORF_+_3897317	3897317	3897328	+	2	12	TTG	TAA	0	0	
mORF_+_3897365	3897365	3897403	+	2	39	GTG	TAA	0	0	
mORF_+_3897403	3897403	3897438	+	1	36	ATG	TAA	0	0	
mORF_+_3897488	3897488	3897616	+	2	129	ATG	TAG	0	0	
mORF_+_3897567	3897567	3897728	+	3	162	TTG	TGA	0	0	

mORF_+_3897617	3897617	3897766	+	2	150	TTG	TGA	0	0
mORF_+_3897676	3897676	3897687	+	1	12	TTG	TAA	0	0
mORF_+_3897697	3897697	3897810	+	1	114	ATG	TAA	0	0
mORF_+_3897816	3897816	3897881	+	3	66	TTG	TAA	0	0
mORF_+_3897924	3897924	3898025	+	3	102	ATG	TGA	0	0
mORF_+_3898007	3898007	3898579	+	2	573	TTG	TAA	0	0
mORF_+_3898092	3898092	3898130	+	3	39	ATG	TGA	0	0
mORF_+_3898144	3898144	3898239	+	1	96	ATG	TAA	0	0
mORF_+_3898149	3898149	3898160	+	3	12	TTG	TAA	0	0
mORF_+_3898164	3898164	3898208	+	3	45	ATG	TAA	0	0
mORF_+_3898261	3898261	3898302	+	1	42	TTG	TGA	0	0
mORF_+_3898266	3898266	3898382	+	3	117	GTG	TGA	0	0
mORF_+_3898336	3898336	3898473	+	1	138	GTG	TGA	0	0
mORF_+_3898386	3898386	3898445	+	3	60	TTG	TAG	0	0
mORF_+_3898470	3898470	3898478	+	3	9	TTG	TGA	0	0
mORF_+_3898503	3898503	3898547	+	3	45	GTG	TGA	0	0
mORF_+_3898507	3898507	3898569	+	1	63	GTG	TAG	0	0
mORF_+_3898676	3898676	3898735	+	2	60	TTG	TAG	0	0
mORF_+_3898772	3898772	3898807	+	2	36	TTG	TAA	0	0
mORF_+_3898786	3898786	3899205	+	1	420	ATG	TAA	0	0
mORF_+_3898841	3898841	3898861	+	2	21	TTG	TAG	0	0
mORF_+_3899006	3899006	3899014	+	2	9	ATG	TGA	0	0
mORF_+_3899066	3899066	3899071	+	2	6	GTG	TGA	0	0
mORF_+_3899096	3899096	3899122	+	2	27	GTG	TAA	0	0
mORF_+_3899103	3899103	3899144	+	3	42	ATG	TAG	0	0
mORF_+_3899174	3899174	3899242	+	2	69	TTG	TAA	0	0
mORF_+_3899208	3899208	3899294	+	3	87	ATG	TGA	0	0
mORF_+_3899291	3899291	3899299	+	2	9	GTG	TAA	0	0
mORF_+_3899318	3899318	3899350	+	2	33	GTG	TAG	0	0
mORF_+_3899360	3899360	3899407	+	2	48	ATG	TAA	0	0
mORF_+_3899389	3899389	3899748	+	1	360	TTG	TAA	0	0
mORF_+_3899594	3899594	3899629	+	2	36	TTG	TAG	0	0
mORF_+_3899717	3899717	3899734	+	2	18	TTG	TAG	0	0
mORF_+_3899808	3899808	3899816	+	3	9	ATG	TAG	0	0
mORF_+_3899817	3899817	3899870	+	3	54	GTG	TAA	0	0
mORF_+_3899824	3899824	3900123	+	1	300	ATG	TAA	0	0
mORF_+_3899861	3899861	3899866	+	2	6	TTG	TAA	0	0
mORF_+_3899915	3899915	3899926	+	2	12	ATG	TAA	0	0
mORF_+_3899963	3899963	3900028	+	2	66	TTG	TGA	0	0
mORF_+_3899985	3899985	3900101	+	3	117	TTG	TGA	0	0
mORF_+_3900098	3900098	3900325	+	2	228	TTG	TAA	0	0
mORF_+_3900148	3900148	3900162	+	1	15	TTG	TAA	0	0
mORF_+_3900162	3900162	3900224	+	3	63	ATG	TAA	0	0
mORF_+_3900178	3900178	3900195	+	1	18	TTG	TAA	0	0
mORF_+_3900255	3900255	3900275	+	3	21	ATG	TAA	0	0
mORF_+_3900300	3900300	3900311	+	3	12	ATG	TAA	0	0
mORF_+_3900325	3900325	3900441	+	1	117	ATG	TAA	0	0
mORF_+_3900341	3900341	3900361	+	2	21	ATG	TGA	0	0
mORF_+_3900395	3900395	3900406	+	2	12	GTG	TGA	0	0
mORF_+_3900465	3900465	3900470	+	3	6	TTG	TGA	0	0
mORF_+_3900467	3900467	3900484	+	2	18	GTG	TGA	0	0
mORF_+_3900471	3900471	3900488	+	3	18	ATG	TAA	0	0
mORF_+_3900494	3900494	3900520	+	2	27	TTG	TAA	0	0
mORF_+_3900508	3900508	3900564	+	1	57	GTG	TGA	0	0
mORF_+_3900561	3900561	3900572	+	3	12	GTG	TAA	0	0
mORF_+_3900626	3900626	3900652	+	2	27	TTG	TAA	0	0
mORF_+_3900663	3900663	3900689	+	3	27	TTG	TAA	0	0
mORF_+_3900717	3900717	3900734	+	3	18	TTG	TGA	0	0
mORF_+_3900744	3900744	3900863	+	3	120	ATG	TAA	0	0
mORF_+_3900751	3900751	3900828	+	1	78	TTG	TAA	0	0
mORF_+_3900841	3900841	3900930	+	1	90	ATG	TAG	0	0
mORF_+_3900903	3900903	3901196	+	3	294	GTG	TAA	0	0
mORF_+_3900991	3900991	3901032	+	1	42	ATG	TAA	0	0

mORF_+_3901010	3901010	3901024	+	2	15	GTG	TGA	0	0
mORF_+_3901054	3901054	3901086	+	1	33	TTG	TGA	0	0
mORF_+_3901180	3901180	3901248	+	1	69	GTG	TAG	0	0
mORF_+_3901184	3901184	3901207	+	2	24	ATG	TGA	0	0
mORF_+_3901239	3901239	3901355	+	3	117	ATG	TAA	0	0
mORF_+_3901261	3901261	3901272	+	1	12	GTG	TAA	0	0
mORF_+_3901288	3901288	3901317	+	1	30	ATG	TAG	0	0
mORF_+_3901334	3901334	3901372	+	2	39	ATG	TGA	0	0
mORF_+_3901369	3901369	3901410	+	1	42	TTG	TAA	0	0
mORF_+_3901474	3901474	3901533	+	1	60	ATG	TAA	0	0
mORF_+_3901536	3901536	3901622	+	3	87	GTG	TAA	0	0
mORF_+_3901549	3901549	3901614	+	1	66	ATG	TGA	0	0
mORF_+_3901642	3901642	3901674	+	1	33	TTG	TGA	0	0
mORF_+_3901675	3901675	3901746	+	1	72	TTG	TAG	0	0
mORF_+_3901685	3901685	3901726	+	2	42	TTG	TAA	0	0
mORF_+_3901750	3901750	3901935	+	1	186	ATG	TGA	0	0
mORF_+_3901794	3901794	3901802	+	3	9	GTG	TAA	0	0
mORF_+_3901932	3901932	3902009	+	3	78	GTG	TGA	0	0
mORF_+_3901948	3901948	3901983	+	1	36	TTG	TGA	0	0
mORF_+_3902014	3902014	3902148	+	1	135	ATG	TGA	0	0
mORF_+_3902025	3902025	3902030	+	3	6	GTG	TAA	0	0
mORF_+_3902030	3902030	3902152	+	2	123	ATG	TGA	0	0
mORF_+_3902145	3902145	3902180	+	3	36	GTG	TGA	0	0
mORF_+_3902149	3902149	3902253	+	1	105	ATG	TGA	0	0
mORF_+_3902177	3902177	3902209	+	2	33	GTG	TAA	0	0
mORF_+_3902219	3902219	3902260	+	2	42	GTG	TAG	0	0
mORF_+_3902229	3902229	3902360	+	3	132	TTG	TGA	0	0
mORF_+_3902263	3902263	3902274	+	1	12	GTG	TGA	0	0
mORF_+_3902294	3902294	3902314	+	2	21	ATG	TGA	0	0
mORF_+_3902305	3902305	3902409	+	1	105	ATG	TAG	0	0
mORF_+_3902357	3902357	3902377	+	2	21	TTG	TGA	0	0
mORF_+_3902370	3902370	3902549	+	3	180	TTG	TGA	0	0
mORF_+_3902390	3902390	3902434	+	2	45	TTG	TAA	0	0
mORF_+_3902434	3902434	3902658	+	1	225	ATG	TAG	0	0
mORF_+_3902668	3902668	3902775	+	1	108	GTG	TGA	0	0
mORF_+_3902703	3902703	3902822	+	3	120	GTG	TGA	0	0
mORF_+_3902759	3902759	3902848	+	2	90	ATG	TGA	0	0
mORF_+_3902845	3902845	3902985	+	1	141	GTG	TAA	0	0
mORF_+_3902852	3902852	3902857	+	2	6	GTG	TGA	0	0
mORF_+_3902876	3902876	3902884	+	2	9	ATG	TGA	0	0
mORF_+_3902897	3902897	3902920	+	2	24	TTG	TAA	0	0
mORF_+_3902975	3902975	3902998	+	2	24	ATG	TGA	0	0
mORF_+_3902995	3902995	3903201	+	1	207	GTG	TAA	0	0
mORF_+_3903039	3903039	3903068	+	3	30	TTG	TAA	0	0
mORF_+_3903068	3903068	3903106	+	2	39	ATG	TAA	0	0
mORF_+_3903072	3903072	3903080	+	3	9	ATG	TAA	0	0
mORF_+_3903107	3903107	3903187	+	2	81	ATG	TGA	0	0
mORF_+_3903210	3903210	3903308	+	3	99	TTG	TGA	0	0
mORF_+_3903232	3903232	3903318	+	1	87	GTG	TAA	0	0
mORF_+_3903269	3903269	3903298	+	2	30	TTG	TAA	0	0
mORF_+_3903359	3903359	3903400	+	2	42	GTG	TAA	0	0
mORF_+_3903366	3903366	3903527	+	3	162	TTG	TAA	0	0
mORF_+_3903433	3903433	3903444	+	1	12	ATG	TGA	0	0
mORF_+_3903511	3903511	3903681	+	1	171	TTG	TGA	0	0
mORF_+_3903545	3903545	3903622	+	2	78	TTG	TAA	0	0
mORF_+_3903552	3903552	3903611	+	3	60	ATG	TAA	0	0
mORF_+_3903624	3903624	3903686	+	3	63	TTG	TGA	0	0
mORF_+_3903683	3903683	3903826	+	2	144	GTG	TGA	0	0
mORF_+_3903709	3903709	3903720	+	1	12	TTG	TAG	0	0
mORF_+_3903720	3903720	3903728	+	3	9	GTG	TAA	0	0
mORF_+_3903757	3903757	3903792	+	1	36	GTG	TAA	0	0
mORF_+_3903810	3903810	3903842	+	3	33	GTG	TAA	0	0
mORF_+_3903823	3903823	3903906	+	1	84	TTG	TAA	0	0

mORF+_3903845	3903845	3903883	+	2	39	ATG	TAA	0	0	
mORF+_3903870	3903870	3903926	+	3	57	ATG	TAA	0	0	
mORF+_3903927	3903927	3903974	+	3	48	TTG	TAA	0	0	
mORF+_3903934	3903934	3903957	+	1	24	ATG	TAA	0	0	
mORF+_3903967	3903967	3904035	+	1	69	ATG	TAA	0	0	
mORF+_3904036	3904036	3904056	+	1	21	TTG	TAA	0	0	
mORF+_3904061	3904061	3904213	+	2	153	GTG	TAA	0	0	
mORF+_3904096	3904096	3904146	+	1	51	TTG	TAA	0	0	
mORF+_3904241	3904241	3904264	+	2	24	TTG	TGA	0	0	
mORF+_3904258	3904258	3904299	+	1	42	TTG	TAG	0	0	
mORF+_3904368	3904368	3904469	+	3	102	TTG	TAA	0	0	
mORF+_3904390	3904390	3904398	+	1	9	ATG	TAA	0	0	
mORF+_3904426	3904426	3904464	+	1	39	ATG	TGA	0	0	
mORF+_3904489	3904489	3904674	+	1	186	TTG	TAA	0	0	
mORF+_3904511	3904511	3904534	+	2	24	ATG	TGA	0	0	
mORF+_3904559	3904559	3904693	+	2	135	TTG	TAA	0	0	
mORF+_3904656	3904656	3904778	+	3	123	TTG	TGA	0	0	
mORF+_3904693	3904693	3904734	+	1	42	ATG	TAA	0	0	
mORF+_3904735	3904735	3904767	+	1	33	TTG	TGA	0	0	
mORF+_3904739	3904739	3904753	+	2	15	GTG	TAG	0	0	
mORF+_3904775	3904775	3904807	+	2	33	ATG	TAA	0	0	
mORF+_3904800	3904800	3904823	+	3	24	TTG	TAA	0	0	
mORF+_3904857	3904857	3904874	+	3	18	TTG	TGA	0	0	
mORF+_3904864	3904864	3905625	+	1	762	TTG	TAA	0	0	
mORF+_3904871	3904871	3904933	+	2	63	GTG	TGA	0	0	
mORF+_3905045	3905045	3905071	+	2	27	ATG	TAG	0	0	
mORF+_3905150	3905150	3905203	+	2	54	ATG	TGA	0	0	
mORF+_3905279	3905279	3905365	+	2	87	TTG	TGA	0	0	
mORF+_3905369	3905369	3905614	+	2	246	TTG	TGA	0	0	
mORF+_3905484	3905484	3905561	+	3	78	TTG	TGA	0	0	
mORF+_3905632	3905632	3905640	+	1	9	GTG	TAG	0	0	
mORF+_3905649	3905649	3906428	+	3	780	TTG	TAA	0	0	
mORF+_3905665	3905665	3905784	+	1	120	TTG	TAA	0	0	
mORF+_3905800	3905800	3905919	+	1	120	GTG	TGA	0	0	
mORF+_3905959	3905959	3906069	+	1	111	TTG	TAG	0	0	
mORF+_3905975	3905975	3906223	+	2	249	ATG	TGA	0	0	
mORF+_3906070	3906070	3906141	+	1	72	ATG	TGA	0	0	
mORF+_3906145	3906145	3906333	+	1	189	TTG	TAG	0	0	
mORF+_3906389	3906389	3906415	+	2	27	TTG	TGA	0	0	
mORF+_3906415	3906415	3906483	+	1	69	ATG	TAA	0	0	
mORF+_3906477	3906477	3906902	+	3	426	GTG	TAA	0	0	
mORF+_3906560	3906560	3907198	+	2	639	GTG	TAA	1	2	pORF+_3906560
mORF+_3906886	3906886	3906960	+	1	75	GTG	TAA	0	0	
mORF+_3906939	3906939	3907043	+	3	105	ATG	TAA	0	0	
mORF+_3907083	3907083	3907145	+	3	63	ATG	TAA	0	0	
mORF+_3907158	3907158	3907484	+	3	327	ATG	TAG	0	0	
mORF+_3907442	3907442	3907465	+	2	24	TTG	TAG	0	0	
mORF+_3907509	3907509	3907526	+	3	18	ATG	TGA	0	0	
mORF+_3907523	3907523	3907666	+	2	144	ATG	TAG	0	0	
mORF+_3907563	3907563	3907622	+	3	60	GTG	TGA	0	0	
mORF+_3907573	3907573	3908253	+	1	681	GTG	TAG	0	0	
mORF+_3907667	3907667	3907810	+	2	144	GTG	TAG	0	0	
mORF+_3907868	3907868	3907993	+	2	126	ATG	TGA	0	0	
mORF+_3907926	3907926	3907973	+	3	48	ATG	TGA	0	0	
mORF+_3908036	3908036	3908044	+	2	9	ATG	TAA	0	0	
mORF+_3908052	3908052	3908174	+	3	123	TTG	TAA	0	0	
mORF+_3908057	3908057	3908197	+	2	141	ATG	TAG	0	0	
mORF+_3908229	3908229	3908297	+	3	69	GTG	TGA	0	0	
mORF+_3908243	3908243	3908275	+	2	33	TTG	TGA	0	0	
mORF+_3908276	3908276	3908464	+	2	189	ATG	TAA	0	0	
mORF+_3908391	3908391	3908399	+	3	9	GTG	TAA	0	0	
mORF+_3908412	3908412	3908423	+	3	12	TTG	TAA	0	0	
mORF+_3908464	3908464	3908481	+	1	18	ATG	TAA	0	0	

mORF_+_3908471	3908471	3908539	+	2	69	ATG	TAA	0	0
mORF_+_3908542	3908542	3908598	+	1	57	TTG	TAA	0	0
mORF_+_3908629	3908629	3908685	+	1	57	TTG	TGA	0	0
mORF_+_3908667	3908667	3909095	+	3	429	TTG	TGA	0	0
mORF_+_3908689	3908689	3908760	+	1	72	TTG	TGA	0	0
mORF_+_3908726	3908726	3908800	+	2	75	ATG	TAG	0	0
mORF_+_3908770	3908770	3908883	+	1	114	TTG	TAA	0	0
mORF_+_3908903	3908903	3908983	+	2	81	TTG	TAG	0	0
mORF_+_3908998	3908998	3909033	+	1	36	TTG	TAG	0	0
mORF_+_3909037	3909037	3909165	+	1	129	GTG	TAG	0	0
mORF_+_3909092	3909092	3909151	+	2	60	GTG	TGA	0	0
mORF_+_3909166	3909166	3909279	+	1	114	ATG	TGA	0	0
mORF_+_3909409	3909409	3909618	+	1	210	GTG	TGA	0	0
mORF_+_3909446	3909446	3909541	+	2	96	TTG	TAA	0	0
mORF_+_3909581	3909581	3909631	+	2	51	TTG	TAA	0	0
mORF_+_3909615	3909615	3909662	+	3	48	GTG	TAA	0	0
mORF_+_3909637	3909637	3909651	+	1	15	ATG	TGA	0	0
mORF_+_3909689	3909689	3909730	+	2	42	TTG	TGA	0	0
mORF_+_3909727	3909727	3909813	+	1	87	ATG	TAA	0	0
mORF_+_3909749	3909749	3909766	+	2	18	GTG	TAG	0	0
mORF_+_3909773	3909773	3909937	+	2	165	ATG	TAA	0	0
mORF_+_3909882	3909882	3909920	+	3	39	TTG	TGA	0	0
mORF_+_3909931	3909931	3910164	+	1	234	ATG	TAG	0	0
mORF_+_3909959	3909959	3909964	+	2	6	GTG	TAG	0	0
mORF_+_3909972	3909972	3910007	+	3	36	GTG	TGA	0	0
mORF_+_3910004	3910004	3910045	+	2	42	ATG	TGA	0	0
mORF_+_3910091	3910091	3910201	+	2	111	ATG	TAG	0	0
mORF_+_3910128	3910128	3910142	+	3	15	GTG	TAA	0	0
mORF_+_3910177	3910177	3910464	+	1	288	GTG	TAA	0	0
mORF_+_3910214	3910214	3910219	+	2	6	ATG	TAA	0	0
mORF_+_3910239	3910239	3910475	+	3	237	ATG	TGA	0	0
mORF_+_3910298	3910298	3910342	+	2	45	TTG	TGA	0	0
mORF_+_3910391	3910391	3910468	+	2	78	ATG	TGA	0	0
mORF_+_3910469	3910469	3910591	+	2	123	GTG	TAA	0	0
mORF_+_3910476	3910476	3910484	+	3	9	ATG	TAG	0	0
mORF_+_3910488	3910488	3910658	+	3	171	ATG	TGA	0	0
mORF_+_3910655	3910655	3910696	+	2	42	GTG	TAG	0	0
mORF_+_3910807	3910807	3910857	+	1	51	ATG	TAA	0	0
mORF_+_3910870	3910870	3911358	+	1	489	GTG	TAG	0	0
mORF_+_3910877	3910877	3910921	+	2	45	ATG	TAG	0	0
mORF_+_3910934	3910934	3910939	+	2	6	ATG	TAG	0	0
mORF_+_3910949	3910949	3910996	+	2	48	ATG	TGA	0	0
mORF_+_3911027	3911027	3911197	+	2	171	ATG	TGA	0	0
mORF_+_3911172	3911172	3911210	+	3	39	GTG	TGA	0	0
mORF_+_3911207	3911207	3911344	+	2	138	ATG	TAG	0	0
mORF_+_3911377	3911377	3911448	+	1	72	ATG	TGA	0	0
mORF_+_3911387	3911387	3911479	+	2	93	ATG	TGA	0	0
mORF_+_3911458	3911458	3911631	+	1	174	GTG	TAA	0	0
mORF_+_3911489	3911489	3911569	+	2	81	GTG	TGA	0	0
mORF_+_3911523	3911523	3911693	+	3	171	GTG	TAG	0	0
mORF_+_3911662	3911662	3911700	+	1	39	TTG	TGA	0	0
mORF_+_3911697	3911697	3911765	+	3	69	TTG	TAG	0	0
mORF_+_3911716	3911716	3911892	+	1	177	TTG	TGA	0	0
mORF_+_3911732	3911732	3911833	+	2	102	ATG	TGA	0	0
mORF_+_3911769	3911769	3911786	+	3	18	GTG	TAG	0	0
mORF_+_3911796	3911796	3911918	+	3	123	GTG	TAA	0	0
mORF_+_3911918	3911918	3912037	+	2	120	ATG	TAA	0	0
mORF_+_3911962	3911962	3912003	+	1	42	ATG	TGA	0	0
mORF_+_3912004	3912004	3912066	+	1	63	GTG	TAG	0	0
mORF_+_3912067	3912067	3912129	+	1	63	TTG	TAA	0	0
mORF_+_3912135	3912135	3912428	+	3	294	ATG	TAG	0	0
mORF_+_3912247	3912247	3912363	+	1	117	ATG	TGA	0	0
mORF_+_3912376	3912376	3912423	+	1	48	TTG	TGA	0	0

mORF_+_3912531	3912531	3912566	+	3	36	TTG	TAA	0	0
mORF_+_3912570	3912570	3912926	+	3	357	TTG	TAA	0	0
mORF_+_3912622	3912622	3912636	+	1	15	ATG	TAG	0	0
mORF_+_3912655	3912655	3912729	+	1	75	TTG	TGA	0	0
mORF_+_3912748	3912748	3912810	+	1	63	GTG	TAA	0	0
mORF_+_3912847	3912847	3912918	+	1	72	ATG	TAG	0	0
mORF_+_3912884	3912884	3913012	+	2	129	GTG	TAA	0	0
mORF_+_3912928	3912928	3912975	+	1	48	ATG	TGA	0	0
mORF_+_3912972	3912972	3913040	+	3	69	ATG	TAG	0	0
mORF_+_3913015	3913015	3913056	+	1	42	TTG	TGA	0	0
mORF_+_3913053	3913053	3913088	+	3	36	GTG	TAA	0	0
mORF_+_3913105	3913105	3913116	+	1	12	ATG	TGA	0	0
mORF_+_3913110	3913110	3913313	+	3	204	ATG	TAA	0	0
mORF_+_3913168	3913168	3913245	+	1	78	ATG	TGA	0	0
mORF_+_3913294	3913294	3914019	+	1	726	GTG	TAA	0	0
mORF_+_3913376	3913376	3913393	+	2	18	TTG	TAA	0	0
mORF_+_3913419	3913419	3913454	+	3	36	GTG	TAA	0	0
mORF_+_3913491	3913491	3913496	+	3	6	ATG	TGA	0	0
mORF_+_3913493	3913493	3913648	+	2	156	GTG	TGA	0	0
mORF_+_3913679	3913679	3913807	+	2	129	ATG	TAG	0	0
mORF_+_3913743	3913743	3913811	+	3	69	TTG	TAA	0	0
mORF_+_3913838	3913838	3913891	+	2	54	ATG	TAG	0	0
mORF_+_3913875	3913875	3913967	+	3	93	GTG	TGA	0	0
mORF_+_3913989	3913989	3914609	+	3	621	TTG	TGA	0	0
mORF_+_3914026	3914026	3914067	+	1	42	TTG	TAG	0	0
mORF_+_3914104	3914104	3914295	+	1	192	ATG	TGA	0	0
mORF_+_3914308	3914308	3914316	+	1	9	ATG	TGA	0	0
mORF_+_3914329	3914329	3914337	+	1	9	GTG	TAG	0	0
mORF_+_3914377	3914377	3914406	+	1	30	GTG	TAG	0	0
mORF_+_3914444	3914444	3914527	+	2	84	TTG	TGA	0	0
mORF_+_3914464	3914464	3914595	+	1	132	GTG	TGA	0	0
mORF_+_3914627	3914627	3914803	+	2	177	GTG	TAA	0	0
mORF_+_3914653	3914653	3914658	+	1	6	GTG	TAA	0	0
mORF_+_3914665	3914665	3914829	+	1	165	ATG	TAG	0	0
mORF_+_3914823	3914823	3915038	+	3	216	GTG	TGA	0	0
mORF_+_3914899	3914899	3915030	+	1	132	ATG	TGA	0	0
mORF_+_3915035	3915035	3915136	+	2	102	TTG	TGA	0	0
mORF_+_3915066	3915066	3915419	+	3	354	GTG	TAA	0	0
mORF_+_3915106	3915106	3915270	+	1	165	ATG	TGA	0	0
mORF_+_3915230	3915230	3915394	+	2	165	TTG	TAG	0	0
mORF_+_3915456	3915456	3915467	+	3	12	GTG	TGA	0	0
mORF_+_3915471	3915471	3915482	+	3	12	ATG	TGA	0	0
mORF_+_3915489	3915489	3915602	+	3	114	TTG	TGA	0	0
mORF_+_3915686	3915686	3915709	+	2	24	ATG	TGA	0	0
mORF_+_3915709	3915709	3915735	+	1	27	ATG	TGA	0	0
mORF_+_3915735	3915735	3915749	+	3	15	ATG	TGA	0	0
mORF_+_3915753	3915753	3915785	+	3	33	ATG	TAA	0	0
mORF_+_3915789	3915789	3915812	+	3	24	TTG	TAG	0	0
mORF_+_3915870	3915870	3915956	+	3	87	ATG	TGA	0	0
mORF_+_3915940	3915940	3916002	+	1	63	TTG	TGA	0	0
mORF_+_3915953	3915953	3916408	+	2	456	TTG	TAG	0	0
mORF_+_3915963	3915963	3916058	+	3	96	TTG	TAG	0	0
mORF_+_3916117	3916117	3916227	+	1	111	GTG	TAG	0	0
mORF_+_3916137	3916137	3916157	+	3	21	TTG	TAA	0	0
mORF_+_3916173	3916173	3916322	+	3	150	ATG	TAA	0	0
mORF_+_3916252	3916252	3916290	+	1	39	TTG	TGA	0	0
mORF_+_3916348	3916348	3918027	+	1	1680	TTG	TGA	0	0
mORF_+_3916353	3916353	3916361	+	3	9	TTG	TGA	0	0
mORF_+_3916421	3916421	3916447	+	2	27	TTG	TGA	0	0
mORF_+_3916629	3916629	3916727	+	3	99	GTG	TGA	0	0
mORF_+_3916724	3916724	3916828	+	2	105	ATG	TGA	0	0
mORF_+_3916737	3916737	3916778	+	3	42	GTG	TAA	0	0
mORF_+_3916838	3916838	3916885	+	2	48	ATG	TGA	0	0

mORF_+_3916902	3916902	3916946	+	3	45	GTG	TGA	0	0
mORF_+_3916940	3916940	3917008	+	2	69	TTG	TAG	0	0
mORF_+_3916974	3916974	3917090	+	3	117	GTG	TAG	0	0
mORF_+_3917105	3917105	3917299	+	2	195	ATG	TAG	0	0
mORF_+_3917148	3917148	3917225	+	3	78	TTG	TAG	0	0
mORF_+_3917229	3917229	3917264	+	3	36	GTG	TAG	0	0
mORF_+_3917306	3917306	3917368	+	2	63	TTG	TGA	0	0
mORF_+_3917349	3917349	3917381	+	3	33	GTG	TGA	0	0
mORF_+_3917378	3917378	3917395	+	2	18	ATG	TGA	0	0
mORF_+_3917406	3917406	3917474	+	3	69	TTG	TAA	0	0
mORF_+_3917414	3917414	3917434	+	2	21	ATG	TAA	0	0
mORF_+_3917487	3917487	3917558	+	3	72	TTG	TAA	0	0
mORF_+_3917552	3917552	3917704	+	2	153	GTG	TAA	0	0
mORF_+_3917691	3917691	3917699	+	3	9	GTG	TAG	0	0
mORF_+_3917759	3917759	3917806	+	2	48	ATG	TGA	0	0
mORF_+_3917822	3917822	3917830	+	2	9	TTG	TGA	0	0
mORF_+_3917834	3917834	3917896	+	2	63	ATG	TAA	0	0
mORF_+_3917948	3917948	3918136	+	2	189	ATG	TGA	0	0
mORF_+_3918024	3918024	3918095	+	3	72	GTG	TGA	0	0
mORF_+_3918067	3918067	3918804	+	1	738	TTG	TGA	0	0
mORF_+_3918308	3918308	3918397	+	2	90	TTG	TAG	0	0
mORF_+_3918543	3918543	3918827	+	3	285	TTG	TAA	0	0
mORF_+_3918740	3918740	3918904	+	2	165	TTG	TAA	0	0
mORF_+_3918814	3918814	3918960	+	1	147	ATG	TAA	0	0
mORF_+_3918918	3918918	3918935	+	3	18	ATG	TAA	0	0
mORF_+_3919087	3919087	3919245	+	1	159	TTG	TAG	0	0
mORF_+_3919124	3919124	3919378	+	2	255	ATG	TGA	0	0
mORF_+_3919149	3919149	3919214	+	3	66	TTG	TGA	0	0
mORF_+_3919248	3919248	3919262	+	3	15	GTG	TAA	0	0
mORF_+_3919305	3919305	3919523	+	3	219	ATG	TGA	0	0
mORF_+_3919375	3919375	3919410	+	1	36	GTG	TGA	0	0
mORF_+_3919456	3919456	3919503	+	1	48	GTG	TGA	0	0
mORF_+_3919520	3919520	3919717	+	2	198	GTG	TAA	0	0
mORF_+_3919524	3919524	3919586	+	3	63	TTG	TAG	0	0
mORF_+_3919612	3919612	3919620	+	1	9	GTG	TAG	0	0
mORF_+_3919660	3919660	3919710	+	1	51	GTG	TAG	0	0
mORF_+_3919689	3919689	3919850	+	3	162	ATG	TGA	0	0
mORF_+_3919790	3919790	3919900	+	2	111	ATG	TAA	0	0
mORF_+_3919881	3919881	3920018	+	3	138	TTG	TGA	0	0
mORF_+_3919954	3919954	3920076	+	1	123	TTG	TGA	0	0
mORF_+_3919979	3919979	3920068	+	2	90	TTG	TGA	0	0
mORF_+_3920040	3920040	3920045	+	3	6	ATG	TAA	0	0
mORF_+_3920073	3920073	3920099	+	3	27	ATG	TAA	0	0
mORF_+_3920090	3920090	3920122	+	2	33	TTG	TGA	0	0
mORF_+_3920109	3920109	3920147	+	3	39	GTG	TAA	0	0
mORF_+_3920219	3920219	3920284	+	2	66	TTG	TGA	0	0
mORF_+_3920235	3920235	3920303	+	3	69	ATG	TAA	0	0
mORF_+_3920272	3920272	3920409	+	1	138	ATG	TAA	0	0
mORF_+_3920343	3920343	3920372	+	3	30	TTG	TGA	0	0
mORF_+_3920369	3920369	3920413	+	2	45	TTG	TGA	0	0
mORF_+_3920391	3920391	3920576	+	3	186	TTG	TGA	0	0
mORF_+_3920494	3920494	3920511	+	1	18	ATG	TAA	0	0
mORF_+_3920501	3920501	3920530	+	2	30	GTG	TAG	0	0
mORF_+_3920563	3920563	3920589	+	1	27	GTG	TAA	0	0
mORF_+_3920573	3920573	3920593	+	2	21	GTG	TAG	0	0
mORF_+_3920601	3920601	3920681	+	3	81	GTG	TAA	0	0
mORF_+_3920609	3920609	3920671	+	2	63	ATG	TGA	0	0
mORF_+_3920638	3920638	3920655	+	1	18	TTG	TAA	0	0
mORF_+_3920668	3920668	3920685	+	1	18	ATG	TAA	0	0
mORF_+_3920699	3920699	3920788	+	2	90	GTG	TGA	0	0
mORF_+_3920709	3920709	3920801	+	3	93	GTG	TAA	0	0
mORF_+_3920785	3920785	3920826	+	1	42	ATG	TGA	0	0
mORF_+_3920823	3920823	3920894	+	3	72	ATG	TAG	0	0

mORF_+_3920851	3920851	3920874	+	1	24	TTG	TAA	0	0
mORF_+_3920881	3920881	3920907	+	1	27	ATG	TAG	0	0
mORF_+_3920927	3920927	3921019	+	2	93	ATG	TAG	0	0
mORF_+_3920982	3920982	3921038	+	3	57	GTG	TAA	0	0
mORF_+_3920998	3920998	3921003	+	1	6	ATG	TAA	0	0
mORF_+_3921029	3921029	3921046	+	2	18	TTG	TAA	0	0
mORF_+_3921061	3921061	3921099	+	1	39	ATG	TAA	0	0
mORF_+_3921110	3921110	3921154	+	2	45	ATG	TGA	0	0
mORF_+_3921203	3921203	3921319	+	2	117	TTG	TGA	0	0
mORF_+_3921307	3921307	3921369	+	1	63	ATG	TAA	0	0
mORF_+_3921374	3921374	3921685	+	2	312	ATG	TAA	0	0
mORF_+_3921426	3921426	3921626	+	3	201	GTG	TAG	0	0
mORF_+_3921457	3921457	3921498	+	1	42	GTG	TAA	0	0
mORF_+_3921520	3921520	3921567	+	1	48	GTG	TAG	0	0
mORF_+_3921693	3921693	3921722	+	3	30	TTG	TGA	0	0
mORF_+_3921719	3921719	3921949	+	2	231	TTG	TAG	0	0
mORF_+_3921727	3921727	3921762	+	1	36	TTG	TAA	0	0
mORF_+_3921762	3921762	3921881	+	3	120	ATG	TGA	0	0
mORF_+_3921769	3921769	3921837	+	1	69	ATG	TGA	0	0
mORF_+_3921891	3921891	3921932	+	3	42	TTG	TAA	0	0
mORF_+_3921937	3921937	3922020	+	1	84	GTG	TAA	0	0
mORF_+_3921954	3921954	3922007	+	3	54	GTG	TAA	0	0
mORF_+_3921989	3921989	3922090	+	2	102	TTG	TAA	0	0
mORF_+_3922083	3922083	3922100	+	3	18	GTG	TAA	0	0
mORF_+_3922163	3922163	3922342	+	2	180	GTG	TAG	0	0
mORF_+_3922389	3922389	3922439	+	3	51	TTG	TGA	0	0
mORF_+_3922444	3922444	3922491	+	1	48	GTG	TAA	0	0
mORF_+_3922464	3922464	3922529	+	3	66	TTG	TAA	0	0
mORF_+_3922508	3922508	3923407	+	2	900	TTG	TAG	0	0
mORF_+_3922536	3922536	3922550	+	3	15	GTG	TGA	0	0
mORF_+_3922578	3922578	3922637	+	3	60	TTG	TAA	0	0
mORF_+_3922716	3922716	3922736	+	3	21	GTG	TAA	0	0
mORF_+_3922803	3922803	3922832	+	3	30	ATG	TAG	0	0
mORF_+_3922834	3922834	3922926	+	1	93	GTG	TGA	0	0
mORF_+_3922914	3922914	3922922	+	3	9	TTG	TGA	0	0
mORF_+_3922923	3922923	3922931	+	3	9	GTG	TAA	0	0
mORF_+_3922962	3922962	3923150	+	3	189	TTG	TAA	0	0
mORF_+_3922987	3922987	3923022	+	1	36	TTG	TAA	0	0
mORF_+_3923050	3923050	3923199	+	1	150	GTG	TGA	0	0
mORF_+_3923196	3923196	3923342	+	3	147	GTG	TGA	0	0
mORF_+_3923394	3923394	3923432	+	3	39	TTG	TGA	0	0
mORF_+_3923398	3923398	3923415	+	1	18	TTG	TAA	0	0
mORF_+_3923461	3923461	3923625	+	1	165	GTG	TGA	0	0
mORF_+_3923483	3923483	3923674	+	2	192	ATG	TAA	0	0
mORF_+_3923514	3923514	3923570	+	3	57	TTG	TGA	0	0
mORF_+_3923601	3923601	3923612	+	3	12	GTG	TGA	0	0
mORF_+_3923622	3923622	3923651	+	3	30	ATG	TAA	0	0
mORF_+_3923655	3923655	3923684	+	3	30	ATG	TGA	0	0
mORF_+_3923662	3923662	3923760	+	1	99	TTG	TAA	0	0
mORF_+_3923681	3923681	3923695	+	2	15	ATG	TGA	0	0
mORF_+_3923706	3923706	3923810	+	3	105	GTG	TAG	0	0
mORF_+_3923723	3923723	3923734	+	2	12	TTG	TGA	0	0
mORF_+_3923794	3923794	3923799	+	1	6	TTG	TGA	0	0
mORF_+_3923825	3923825	3923887	+	2	63	GTG	TGA	0	0
mORF_+_3923880	3923880	3923894	+	3	15	GTG	TGA	0	0
mORF_+_3923884	3923884	3923925	+	1	42	ATG	TGA	0	0
mORF_+_3923891	3923891	3923998	+	2	108	GTG	TGA	0	0
mORF_+_3923922	3923922	3923951	+	3	30	ATG	TGA	0	0
mORF_+_3923959	3923959	3923973	+	1	15	TTG	TAA	0	0
mORF_+_3924039	3924039	3924098	+	3	60	TTG	TGA	0	0
mORF_+_3924095	3924095	3924340	+	2	246	GTG	TGA	0	0
mORF_+_3924105	3924105	3924272	+	3	168	ATG	TAG	0	0
mORF_+_3924118	3924118	3924153	+	1	36	GTG	TGA	0	0

mORF_+_3924217	3924217	3924321	+	1	105	TTG	TGA	0	0	
mORF_+_3924285	3924285	3924497	+	3	213	TTG	TAA	0	0	
mORF_+_3924368	3924368	3924520	+	2	153	GTG	TGA	0	0	
mORF_+_3924508	3924508	3924558	+	1	51	TTG	TAA	0	0	
mORF_+_3924539	3924539	3924628	+	2	90	GTG	TGA	0	0	
mORF_+_3924549	3924549	3924578	+	3	30	ATG	TGA	0	0	
mORF_+_3924598	3924598	3924801	+	1	204	TTG	TAA	0	0	
mORF_+_3924612	3924612	3924656	+	3	45	ATG	TGA	0	0	
mORF_+_3924650	3924650	3924715	+	2	66	TTG	TAG	0	0	
mORF_+_3924723	3924723	3924743	+	3	21	TTG	TGA	0	0	
mORF_+_3924725	3924725	3924730	+	2	6	GTG	TAA	0	0	
mORF_+_3924740	3924740	3924784	+	2	45	GTG	TAG	0	0	
mORF_+_3924765	3924765	3924806	+	3	42	TTG	TAA	0	0	
mORF_+_3924788	3924788	3924832	+	2	45	TTG	TAA	0	0	
mORF_+_3924872	3924872	3924910	+	2	39	ATG	TGA	0	0	
mORF_+_3924907	3924907	3924978	+	1	72	GTG	TAA	0	0	
mORF_+_3924959	3924959	3925018	+	2	60	GTG	TAA	0	0	
mORF_+_3924978	3924978	3925028	+	3	51	ATG	TAG	0	0	
mORF_+_3925038	3925038	3925079	+	3	42	ATG	TAA	0	0	
mORF_+_3925045	3925045	3925098	+	1	54	TTG	TAG	0	0	
mORF_+_3925079	3925079	3925093	+	2	15	ATG	TGA	0	0	
mORF_+_3925107	3925107	3925181	+	3	75	TTG	TGA	0	0	
mORF_+_3925111	3925111	3925146	+	1	36	ATG	TAA	0	0	
mORF_+_3925118	3925118	3925174	+	2	57	TTG	TAA	0	0	
mORF_+_3925178	3925178	3926170	+	2	993	ATG	TAA	31	318	pORF_+_3925178
mORF_+_3925194	3925194	3925223	+	3	30	TTG	TGA	0	0	
mORF_+_3925293	3925293	3925349	+	3	57	GTG	TAA	0	0	
mORF_+_3925368	3925368	3925421	+	3	54	ATG	TAG	0	0	
mORF_+_3925402	3925402	3925485	+	1	84	GTG	TGA	0	0	
mORF_+_3925482	3925482	3925544	+	3	63	ATG	TAA	0	0	
mORF_+_3925525	3925525	3925557	+	1	33	GTG	TGA	0	0	
mORF_+_3925554	3925554	3925577	+	3	24	GTG	TGA	0	0	
mORF_+_3925641	3925641	3925745	+	3	105	TTG	TAG	0	0	
mORF_+_3925755	3925755	3925793	+	3	39	TTG	TGA	0	0	
mORF_+_3925797	3925797	3925874	+	3	78	ATG	TGA	0	0	
mORF_+_3925891	3925891	3925920	+	1	30	GTG	TGA	0	0	
mORF_+_3925911	3925911	3925946	+	3	36	ATG	TAG	0	0	
mORF_+_3925947	3925947	3925961	+	3	15	ATG	TGA	0	0	
mORF_+_3925983	3925983	3926078	+	3	96	GTG	TGA	0	0	
mORF_+_3926008	3926008	3926034	+	1	27	GTG	TGA	0	0	
mORF_+_3926119	3926119	3926235	+	1	117	GTG	TGA	0	0	
mORF_+_3926121	3926121	3926474	+	3	354	GTG	TAA	0	0	
mORF_+_3926242	3926242	3926289	+	1	48	ATG	TGA	0	0	
mORF_+_3926267	3926267	3926362	+	2	96	GTG	TAA	0	0	
mORF_+_3926422	3926422	3926520	+	1	99	ATG	TAA	0	0	
mORF_+_3926483	3926483	3926548	+	2	66	TTG	TAA	0	0	
mORF_+_3926487	3926487	3926510	+	3	24	TTG	TGA	0	0	
mORF_+_3926533	3926533	3926553	+	1	21	GTG	TAG	0	0	
mORF_+_3926578	3926578	3926688	+	1	111	ATG	TAA	0	0	
mORF_+_3926633	3926633	3926662	+	2	30	TTG	TAA	0	0	
mORF_+_3926694	3926694	3926813	+	3	120	ATG	TAG	0	0	
mORF_+_3926752	3926752	3926784	+	1	33	GTG	TAA	0	0	
mORF_+_3926813	3926813	3927010	+	2	198	GTG	TAA	0	0	
mORF_+_3926856	3926856	3926948	+	3	93	TTG	TGA	0	0	
mORF_+_3926905	3926905	3927039	+	1	135	ATG	TGA	1	2	pORF_+_3926905
mORF_+_3927097	3927097	3927150	+	1	54	TTG	TGA	0	0	
mORF_+_3927123	3927123	3927185	+	3	63	TTG	TAA	0	0	
mORF_+_3927192	3927192	3927200	+	3	9	TTG	TAA	0	0	
mORF_+_3927206	3927206	3927268	+	2	63	TTG	TGA	0	0	
mORF_+_3927210	3927210	3927227	+	3	18	TTG	TAA	0	0	
mORF_+_3927250	3927250	3927396	+	1	147	GTG	TGA	0	0	
mORF_+_3927252	3927252	3927257	+	3	6	GTG	TAA	0	0	
mORF_+_3927300	3927300	3927335	+	3	36	TTG	TAA	0	0	

mORF_+_3927311	3927311	3927364	+	2	54	ATG	TAA	0	0	
mORF_+_3927368	3927368	3927418	+	2	51	GTG	TGA	0	0	
mORF_+_3927390	3927390	3927542	+	3	153	TTG	TGA	0	0	
mORF_+_3927415	3927415	3927702	+	1	288	GTG	TAA	0	0	
mORF_+_3927491	3927491	3927559	+	2	69	TTG	TGA	0	0	
mORF_+_3927626	3927626	3927664	+	2	39	TTG	TAG	0	0	
mORF_+_3927675	3927675	3927983	+	3	309	ATG	TGA	0	0	
mORF_+_3927713	3927713	3927730	+	2	18	TTG	TAA	0	0	
mORF_+_3927734	3927734	3927808	+	2	75	GTG	TGA	0	0	
mORF_+_3927805	3927805	3928047	+	1	243	ATG	TAA	0	0	
mORF_+_3927833	3927833	3927838	+	2	6	TTG	TAA	0	0	
mORF_+_3927860	3927860	3928009	+	2	150	ATG	TAA	0	0	
mORF_+_3928016	3928016	3928027	+	2	12	TTG	TAG	0	0	
mORF_+_3928035	3928035	3928064	+	3	30	GTG	TGA	0	0	
mORF_+_3928061	3928061	3928111	+	2	51	TTG	TAA	0	0	
mORF_+_3928086	3928086	3928151	+	3	66	ATG	TGA	0	0	
mORF_+_3928127	3928127	3928342	+	2	216	TTG	TAA	0	0	
mORF_+_3928284	3928284	3928379	+	3	96	ATG	TAA	0	0	
mORF_+_3928403	3928403	3928588	+	2	186	TTG	TAA	0	0	
mORF_+_3928494	3928494	3928541	+	3	48	GTG	TGA	0	0	
mORF_+_3928551	3928551	3928808	+	3	258	ATG	TAA	0	0	
mORF_+_3928694	3928694	3928819	+	2	126	GTG	TAA	0	0	
mORF_+_3928696	3928696	3928725	+	1	30	GTG	TAA	0	0	
mORF_+_3928750	3928750	3928857	+	1	108	TTG	TAG	0	0	
mORF_+_3928884	3928884	3928928	+	3	45	GTG	TGA	0	0	
mORF_+_3928962	3928962	3929051	+	3	90	TTG	TAA	0	0	
mORF_+_3929008	3929008	3929118	+	1	111	ATG	TAA	0	0	
mORF_+_3929036	3929036	3929098	+	2	63	GTG	TAA	0	0	
mORF_+_3929102	3929102	3929335	+	2	234	ATG	TAG	0	0	
mORF_+_3929118	3929118	3929153	+	3	36	ATG	TAA	0	0	
mORF_+_3929155	3929155	3929166	+	1	12	TTG	TAG	0	0	
mORF_+_3929229	3929229	3929264	+	3	36	ATG	TAA	0	0	
mORF_+_3929286	3929286	3929342	+	3	57	TTG	TGA	0	0	
mORF_+_3929339	3929339	3931207	+	2	1869	ATG	TAA	3	7	pORF_+_3929339
mORF_+_3929388	3929388	3929504	+	3	117	TTG	TGA	0	0	
mORF_+_3929440	3929440	3929472	+	1	33	ATG	TGA	0	0	
mORF_+_3929523	3929523	3929555	+	3	33	TTG	TGA	0	0	
mORF_+_3929574	3929574	3929591	+	3	18	GTG	TGA	0	0	
mORF_+_3929604	3929604	3929648	+	3	45	TTG	TGA	0	0	
mORF_+_3929679	3929679	3929696	+	3	18	ATG	TAA	0	0	
mORF_+_3929724	3929724	3929768	+	3	45	TTG	TAG	0	0	
mORF_+_3929817	3929817	3929861	+	3	45	ATG	TGA	0	0	
mORF_+_3929904	3929904	3929933	+	3	30	TTG	TGA	0	0	
mORF_+_3929941	3929941	3929964	+	1	24	GTG	TGA	0	0	
mORF_+_3929961	3929961	3929993	+	3	33	TTG	TAG	0	0	
mORF_+_3930033	3930033	3930104	+	3	72	ATG	TGA	0	0	
mORF_+_3930076	3930076	3930111	+	1	36	GTG	TAA	0	0	
mORF_+_3930234	3930234	3930272	+	3	39	TTG	TGA	0	0	
mORF_+_3930360	3930360	3930365	+	3	6	TTG	TGA	0	0	
mORF_+_3930378	3930378	3930392	+	3	15	ATG	TGA	0	0	
mORF_+_3930393	3930393	3930398	+	3	6	TTG	TGA	0	0	
mORF_+_3930399	3930399	3930452	+	3	54	TTG	TGA	0	0	
mORF_+_3930525	3930525	3930536	+	3	12	TTG	TGA	0	0	
mORF_+_3930543	3930543	3930620	+	3	78	TTG	TGA	0	0	
mORF_+_3930553	3930553	3930582	+	1	30	TTG	TAA	0	0	
mORF_+_3930693	3930693	3930722	+	3	30	ATG	TGA	0	0	
mORF_+_3930723	3930723	3930812	+	3	90	TTG	TGA	0	0	
mORF_+_3930843	3930843	3930854	+	3	12	ATG	TGA	0	0	
mORF_+_3930888	3930888	3930983	+	3	96	ATG	TAG	0	0	
mORF_+_3930961	3930961	3931059	+	1	99	TTG	TGA	0	0	
mORF_+_3931056	3931056	3931067	+	3	12	ATG	TGA	0	0	
mORF_+_3931084	3931084	3931131	+	1	48	GTG	TAA	0	0	
mORF_+_3931131	3931131	3931232	+	3	102	ATG	TAA	0	0	

mORF_+_3931243	3931243	3931269	+	1	27	TTG	TAA	0	0	
mORF_+_3931251	3931251	3931334	+	3	84	ATG	TAA	0	0	
mORF_+_3931282	3931282	3931299	+	1	18	TTG	TAA	0	0	
mORF_+_3931307	3931307	3931396	+	2	90	ATG	TAA	0	0	
mORF_+_3931338	3931338	3931793	+	3	456	GTG	TGA	10	36	pORF_+_3931338
mORF_+_3931451	3931451	3931456	+	2	6	GTG	TGA	0	0	
mORF_+_3931453	3931453	3931506	+	1	54	GTG	TAA	0	0	
mORF_+_3931513	3931513	3931731	+	1	219	GTG	TAA	0	0	
mORF_+_3931745	3931745	3931852	+	2	108	ATG	TAA	0	0	
mORF_+_3931756	3931756	3931785	+	1	30	ATG	TGA	0	0	
mORF_+_3931801	3931801	3933306	+	1	1506	ATG	TAA	9	24	pORF_+_3931801
mORF_+_3931877	3931877	3931897	+	2	21	ATG	TGA	0	0	
mORF_+_3931970	3931970	3932065	+	2	96	ATG	TGA	0	0	
mORF_+_3931986	3931986	3932114	+	3	129	ATG	TGA	0	0	
mORF_+_3932087	3932087	3932269	+	2	183	TTG	TGA	1	2	pORF_+_3932087
mORF_+_3932273	3932273	3932317	+	2	45	TTG	TGA	0	0	
mORF_+_3932381	3932381	3932404	+	2	24	TTG	TGA	0	0	
mORF_+_3932421	3932421	3932429	+	3	9	TTG	TGA	0	0	
mORF_+_3932426	3932426	3932485	+	2	60	ATG	TGA	0	0	
mORF_+_3932501	3932501	3932509	+	2	9	TTG	TGA	0	0	
mORF_+_3932609	3932609	3932659	+	2	51	ATG	TGA	0	0	
mORF_+_3932735	3932735	3932824	+	2	90	ATG	TAG	0	0	
mORF_+_3932903	3932903	3932926	+	2	24	ATG	TGA	0	0	
mORF_+_3932927	3932927	3932953	+	2	27	GTG	TGA	0	0	
mORF_+_3932978	3932978	3933031	+	2	54	TTG	TGA	0	0	
mORF_+_3933056	3933056	3933079	+	2	24	TTG	TAG	0	0	
mORF_+_3933080	3933080	3933112	+	2	33	ATG	TGA	0	0	
mORF_+_3933131	3933131	3933139	+	2	9	ATG	TGA	0	0	
mORF_+_3933206	3933206	3933262	+	2	57	ATG	TAA	0	0	
mORF_+_3933311	3933311	3934276	+	2	966	ATG	TAA	0	0	
mORF_+_3933355	3933355	3933444	+	1	90	GTG	TAA	0	0	
mORF_+_3933405	3933405	3933419	+	3	15	TTG	TAA	0	0	
mORF_+_3933567	3933567	3933632	+	3	66	TTG	TAG	0	0	
mORF_+_3933633	3933633	3933653	+	3	21	GTG	TAA	0	0	
mORF_+_3933663	3933663	3933668	+	3	6	TTG	TAG	0	0	
mORF_+_3933792	3933792	3934148	+	3	357	TTG	TGA	0	0	
mORF_+_3933988	3933988	3934023	+	1	36	TTG	TGA	0	0	
mORF_+_3934164	3934164	3934187	+	3	24	TTG	TGA	0	0	
mORF_+_3934197	3934197	3934220	+	3	24	GTG	TGA	0	0	
mORF_+_3934295	3934295	3935191	+	2	897	TTG	TAG	88	1563	pORF_+_3934295
mORF_+_3934338	3934338	3934346	+	3	9	TTG	TAA	0	0	
mORF_+_3934359	3934359	3934433	+	3	75	GTG	TGA	0	0	
mORF_+_3934437	3934437	3934535	+	3	99	ATG	TAA	0	0	
mORF_+_3934593	3934593	3934601	+	3	9	ATG	TGA	0	0	
mORF_+_3934638	3934638	3934670	+	3	33	TTG	TGA	0	0	
mORF_+_3934677	3934677	3934886	+	3	210	TTG	TGA	0	0	
mORF_+_3934920	3934920	3935003	+	3	84	ATG	TGA	0	0	
mORF_+_3935016	3935016	3935048	+	3	33	TTG	TGA	0	0	
mORF_+_3935049	3935049	3935063	+	3	15	ATG	TAG	0	0	
mORF_+_3935094	3935094	3935132	+	3	39	TTG	TGA	0	0	
mORF_+_3935163	3935163	3935171	+	3	9	TTG	TGA	0	0	
mORF_+_3935178	3935178	3935210	+	3	33	TTG	TGA	0	0	
mORF_+_3935203	3935203	3935226	+	1	24	TTG	TAA	0	0	
mORF_+_3935207	3935207	3935215	+	2	9	ATG	TGA	0	0	
mORF_+_3935242	3935242	3935253	+	1	12	ATG	TAA	0	0	
mORF_+_3935290	3935290	3936246	+	1	957	GTG	TGA	22	200	pORF_+_3935290
mORF_+_3935339	3935339	3935410	+	2	72	TTG	TAA	0	0	
mORF_+_3935429	3935429	3935584	+	2	156	TTG	TGA	0	0	
mORF_+_3935603	3935603	3935614	+	2	12	GTG	TGA	0	0	
mORF_+_3935618	3935618	3935734	+	2	117	TTG	TAA	0	0	
mORF_+_3935759	3935759	3935764	+	2	6	GTG	TGA	0	0	
mORF_+_3935804	3935804	3935980	+	2	177	TTG	TGA	0	0	
mORF_+_3935996	3935996	3936016	+	2	21	GTG	TGA	0	0	

mORF+_3936003	3936003	3936011	+	3	9	ATG	TAG	0	0	
mORF+_3936017	3936017	3936100	+	2	84	ATG	TAA	0	0	
mORF+_3936146	3936146	3936175	+	2	30	TTG	TAA	0	0	
mORF+_3936204	3936204	3936212	+	3	9	GTG	TGA	0	0	
mORF+_3936209	3936209	3936232	+	2	24	GTG	TAG	0	0	
mORF+_3936243	3936243	3936320	+	3	78	GTG	TAA	0	0	
mORF+_3936250	3936250	3937242	+	1	993	TTG	TAG	2	0	pORF+_3936250
mORF+_3936266	3936266	3936445	+	2	180	ATG	TGA	0	0	
mORF+_3936485	3936485	3936562	+	2	78	GTG	TGA	0	0	
mORF+_3936531	3936531	3936551	+	3	21	TTG	TGA	0	0	
mORF+_3936596	3936596	3936679	+	2	84	TTG	TGA	0	0	
mORF+_3936615	3936615	3936644	+	3	30	GTG	TGA	0	0	
mORF+_3936701	3936701	3936751	+	2	51	ATG	TAG	0	0	
mORF+_3936863	3936863	3937060	+	2	198	GTG	TGA	0	0	
mORF+_3937061	3937061	3937096	+	2	36	TTG	TGA	0	0	
mORF+_3937130	3937130	3937174	+	2	45	ATG	TAA	0	0	
mORF+_3937257	3937257	3937346	+	3	90	TTG	TAG	0	0	
mORF+_3937279	3937279	3937296	+	1	18	TTG	TGA	0	0	
mORF+_3937300	3937300	3937320	+	1	21	TTG	TAA	0	0	
mORF+_3937330	3937330	3937335	+	1	6	TTG	TGA	0	0	
mORF+_3937346	3937346	3937423	+	2	78	GTG	TAA	0	0	
mORF+_3937366	3937366	3937428	+	1	63	TTG	TAA	0	0	
mORF+_3937368	3937368	3937388	+	3	21	GTG	TAA	0	0	
mORF+_3937436	3937436	3937546	+	2	111	TTG	TAA	0	0	
mORF+_3937443	3937443	3937607	+	3	165	GTG	TGA	0	0	
mORF+_3937498	3937498	3937503	+	1	6	GTG	TGA	0	0	
mORF+_3937582	3937582	3937626	+	1	45	TTG	TAA	0	0	
mORF+_3937592	3937592	3937618	+	2	27	TTG	TAG	0	0	
mORF+_3937632	3937632	3937658	+	3	27	GTG	TAG	0	0	
mORF+_3937649	3937649	3937672	+	2	24	ATG	TAA	0	0	
mORF+_3937676	3937676	3937711	+	2	36	TTG	TAA	0	0	
mORF+_3937693	3937693	3937701	+	1	9	TTG	TAA	0	0	
mORF+_3937701	3937701	3937751	+	3	51	ATG	TGA	0	0	
mORF+_3937720	3937720	3937743	+	1	24	GTG	TAA	0	0	
mORF+_3937777	3937777	3937785	+	1	9	ATG	TAA	0	0	
mORF+_3937816	3937816	3937860	+	1	45	TTG	TAA	0	0	
mORF+_3937824	3937824	3937913	+	3	90	TTG	TAG	0	0	
mORF+_3937870	3937870	3937938	+	1	69	ATG	TGA	0	0	
mORF+_3937901	3937901	3937924	+	2	24	ATG	TAA	0	0	
mORF+_3937929	3937929	3938096	+	3	168	ATG	TAA	1	2	pORF+_3937929
mORF+_3937999	3937999	3938019	+	1	21	TTG	TGA	0	0	
mORF+_3938059	3938059	3938070	+	1	12	GTG	TGA	0	0	
mORF+_3938081	3938081	3938131	+	2	51	ATG	TAA	0	0	
mORF+_3938115	3938115	3938255	+	3	141	ATG	TAA	1	2	pORF+_3938115
mORF+_3938141	3938141	3938188	+	2	48	GTG	TAA	0	0	
mORF+_3938149	3938149	3938160	+	1	12	TTG	TGA	0	0	
mORF+_3938191	3938191	3938316	+	1	126	TTG	TAA	0	0	
mORF+_3938335	3938335	3938349	+	1	15	GTG	TAG	0	0	
mORF+_3938353	3938353	3938379	+	1	27	GTG	TGA	0	0	
mORF+_3938376	3938376	3938474	+	3	99	GTG	TAA	0	0	
mORF+_3938478	3938478	3938522	+	3	45	ATG	TGA	0	0	
mORF+_3938489	3938489	3938536	+	2	48	TTG	TAA	0	0	
mORF+_3938527	3938527	3938547	+	1	21	TTG	TAA	0	0	
mORF+_3938553	3938553	3938672	+	3	120	GTG	TGA	0	0	
mORF+_3938563	3938563	3938574	+	1	12	GTG	TGA	0	0	
mORF+_3938639	3938639	3938698	+	2	60	ATG	TAA	0	0	
mORF+_3938699	3938699	3938725	+	2	27	ATG	TAA	0	0	
mORF+_3938718	3938718	3938783	+	3	66	TTG	TGA	0	0	
mORF+_3938767	3938767	3938793	+	1	27	GTG	TAA	0	0	
mORF+_3938780	3938780	3938788	+	2	9	TTG	TGA	0	0	
mORF+_3938794	3938794	3938799	+	1	6	GTG	TGA	0	0	
mORF+_3938796	3938796	3938816	+	3	21	GTG	TAG	0	0	
mORF+_3938825	3938825	3938950	+	2	126	ATG	TGA	0	0	

mORF_+_3938842	3938842	3938859	+	1	18	TTG	TAG	0	0
mORF_+_3938862	3938862	3938921	+	3	60	ATG	TAA	0	0
mORF_+_3938947	3938947	3939036	+	1	90	TTG	TGA	0	0
mORF_+_3938952	3938952	3938993	+	3	42	ATG	TAG	0	0
mORF_+_3938981	3938981	3939025	+	2	45	TTG	TAA	0	0
mORF_+_3939000	3939000	3939149	+	3	150	TTG	TAA	0	0
mORF_+_3939040	3939040	3939048	+	1	9	ATG	TGA	0	0
mORF_+_3939113	3939113	3939121	+	2	9	GTG	TGA	0	0
mORF_+_3939118	3939118	3939405	+	1	288	ATG	TGA	0	0
mORF_+_3939161	3939161	3939178	+	2	18	TTG	TGA	0	0
mORF_+_3939213	3939213	3939272	+	3	60	TTG	TAA	0	0
mORF_+_3939279	3939279	3939329	+	3	51	TTG	TAA	0	0
mORF_+_3939320	3939320	3939385	+	2	66	GTG	TAG	0	0
mORF_+_3939333	3939333	3939344	+	3	12	TTG	TAA	0	0
mORF_+_3939387	3939387	3939494	+	3	108	ATG	TAA	0	0
mORF_+_3939412	3939412	3939450	+	1	39	TTG	TAA	0	0
mORF_+_3939428	3939428	3939529	+	2	102	TTG	TAA	0	0
mORF_+_3939529	3939529	3939543	+	1	15	ATG	TGA	0	0
mORF_+_3939618	3939618	3939668	+	3	51	ATG	TGA	0	0
mORF_+_3939622	3939622	3939633	+	1	12	TTG	TAG	0	0
mORF_+_3939715	3939715	3939744	+	1	30	GTG	TAA	0	0
mORF_+_3939717	3939717	3939764	+	3	48	GTG	TGA	0	0
mORF_+_3939761	3939761	3939784	+	2	24	ATG	TGA	0	0
mORF_+_3939781	3939781	3939792	+	1	12	GTG	TAA	0	0
mORF_+_3939814	3939814	3939837	+	1	24	TTG	TGA	0	0
mORF_+_3939834	3939834	3939881	+	3	48	TTG	TAA	0	0
mORF_+_3939859	3939859	3939969	+	1	111	TTG	TGA	0	0
mORF_+_3939885	3939885	3939902	+	3	18	ATG	TAA	0	0
mORF_+_3939914	3939914	3939928	+	2	15	TTG	TGA	0	0
mORF_+_3939932	3939932	3939946	+	2	15	GTG	TGA	0	0
mORF_+_3939950	3939950	3939982	+	2	33	ATG	TAA	0	0
mORF_+_3939969	3939969	3939998	+	3	30	ATG	TAG	0	0
mORF_+_3940048	3940048	3940077	+	1	30	TTG	TAG	0	0
mORF_+_3940058	3940058	3940081	+	2	24	ATG	TAG	0	0
mORF_+_3940068	3940068	3940136	+	3	69	ATG	TGA	0	0
mORF_+_3940085	3940085	3940093	+	2	9	GTG	TAA	0	0
mORF_+_3940133	3940133	3940219	+	2	87	ATG	TGA	0	0
mORF_+_3940197	3940197	3940241	+	3	45	TTG	TGA	0	0
mORF_+_3940204	3940204	3940290	+	1	87	ATG	TAA	0	0
mORF_+_3940238	3940238	3940261	+	2	24	ATG	TAA	0	0
mORF_+_3940302	3940302	3940340	+	3	39	TTG	TAA	0	0
mORF_+_3940309	3940309	3940437	+	1	129	TTG	TGA	0	0
mORF_+_3940434	3940434	3940583	+	3	150	GTG	TGA	0	0
mORF_+_3940513	3940513	3940518	+	1	6	GTG	TAG	0	0
mORF_+_3940526	3940526	3940621	+	2	96	ATG	TAG	0	0
mORF_+_3940552	3940552	3940695	+	1	144	GTG	TAA	0	0
mORF_+_3940649	3940649	3940675	+	2	27	ATG	TGA	0	0
mORF_+_3940679	3940679	3940753	+	2	75	GTG	TGA	0	0
mORF_+_3940750	3940750	3940824	+	1	75	TTG	TGA	0	0
mORF_+_3940772	3940772	3940789	+	2	18	GTG	TAA	0	0
mORF_+_3940779	3940779	3940910	+	3	132	ATG	TGA	0	0
mORF_+_3940846	3940846	3940872	+	1	27	ATG	TGA	0	0
mORF_+_3940885	3940885	3940923	+	1	39	ATG	TAA	0	0
mORF_+_3940907	3940907	3941272	+	2	366	GTG	TAG	0	0
mORF_+_3941034	3941034	3941162	+	3	129	ATG	TGA	0	0
mORF_+_3941137	3941137	3941268	+	1	132	TTG	TAG	0	0
mORF_+_3941193	3941193	3941204	+	3	12	ATG	TGA	0	0
mORF_+_3941220	3941220	3941306	+	3	87	TTG	TGA	0	0
mORF_+_3941303	3941303	3941338	+	2	36	GTG	TAA	0	0
mORF_+_3941310	3941310	3941330	+	3	21	ATG	TAA	0	0
mORF_+_3941357	3941357	3941425	+	2	69	TTG	TGA	0	0
mORF_+_3941395	3941395	3941415	+	1	21	GTG	TGA	0	0
mORF_+_3941422	3941422	3941454	+	1	33	GTG	TGA	0	0

mORF_+_3941439	3941439	3941504	+	3	66	TTG	TAA	0	0
mORF_+_3941535	3941535	3941552	+	3	18	TTG	TGA	0	0
mORF_+_3941543	3941543	3941548	+	2	6	TTG	TGA	0	0
mORF_+_3941545	3941545	3941568	+	1	24	GTG	TAA	0	0
mORF_+_3941549	3941549	3941593	+	2	45	GTG	TGA	0	0
mORF_+_3941590	3941590	3941616	+	1	27	GTG	TAA	0	0
mORF_+_3941597	3941597	3941641	+	2	45	TTG	TGA	0	0
mORF_+_3941638	3941638	3941649	+	1	12	TTG	TGA	0	0
mORF_+_3941660	3941660	3941740	+	2	81	TTG	TAA	0	0
mORF_+_3941721	3941721	3941726	+	3	6	TTG	TGA	0	0
mORF_+_3941750	3941750	3941800	+	2	51	GTG	TAA	0	0
mORF_+_3941754	3941754	3941810	+	3	57	ATG	TAA	0	0
mORF_+_3941812	3941812	3941820	+	1	9	GTG	TGA	0	0
mORF_+_3941817	3941817	3941882	+	3	66	ATG	TAA	0	0
mORF_+_3941845	3941845	3941886	+	1	42	ATG	TGA	0	0
mORF_+_3941858	3941858	3941899	+	2	42	GTG	TAA	0	0
mORF_+_3941899	3941899	3942021	+	1	123	ATG	TAG	0	0
mORF_+_3942011	3942011	3942088	+	2	78	ATG	TGA	0	0
mORF_+_3942015	3942015	3942056	+	3	42	GTG	TGA	0	0
mORF_+_3942085	3942085	3942165	+	1	81	GTG	TGA	0	0
mORF_+_3942176	3942176	3942274	+	2	99	GTG	TAG	0	0
mORF_+_3942189	3942189	3942227	+	3	39	GTG	TGA	0	0
mORF_+_3942244	3942244	3942282	+	1	39	GTG	TGA	0	0
mORF_+_3942279	3942279	3942326	+	3	48	GTG	TAG	0	0
mORF_+_3942301	3942301	3942381	+	1	81	ATG	TAA	0	0
mORF_+_3942383	3942383	3942442	+	2	60	TTG	TAA	0	0
mORF_+_3942408	3942408	3942416	+	3	9	GTG	TAG	0	0
mORF_+_3942435	3942435	3942560	+	3	126	TTG	TAG	0	0
mORF_+_3942469	3942469	3942483	+	1	15	ATG	TAG	0	0
mORF_+_3942487	3942487	3942507	+	1	21	ATG	TGA	0	0
mORF_+_3942494	3942494	3942556	+	2	63	GTG	TAG	0	0
mORF_+_3942567	3942567	3942686	+	3	120	GTG	TAA	0	0
mORF_+_3942631	3942631	3942747	+	1	117	ATG	TAA	0	0
mORF_+_3942680	3942680	3942727	+	2	48	GTG	TAA	0	0
mORF_+_3942740	3942740	3942811	+	2	72	ATG	TAA	0	0
mORF_+_3942748	3942748	3942822	+	1	75	GTG	TAA	0	0
mORF_+_3942783	3942783	3942794	+	3	12	ATG	TAG	0	0
mORF_+_3942855	3942855	3942860	+	3	6	ATG	TAA	0	0
mORF_+_3942873	3942873	3942986	+	3	114	ATG	TGA	0	0
mORF_+_3942901	3942901	3943068	+	1	168	ATG	TGA	0	0
mORF_+_3942944	3942944	3942952	+	2	9	GTG	TGA	0	0
mORF_+_3942956	3942956	3942991	+	2	36	ATG	TAA	0	0
mORF_+_3943007	3943007	3943054	+	2	48	GTG	TAA	0	0
mORF_+_3943065	3943065	3943100	+	3	36	GTG	TAG	0	0
mORF_+_3943104	3943104	3943196	+	3	93	ATG	TAA	0	0
mORF_+_3943165	3943165	3943248	+	1	84	ATG	TGA	0	0
mORF_+_3943199	3943199	3943204	+	2	6	GTG	TAG	0	0
mORF_+_3943245	3943245	3943376	+	3	132	GTG	TGA	0	0
mORF_+_3943264	3943264	3943317	+	1	54	GTG	TAA	0	0
mORF_+_3943346	3943346	3943357	+	2	12	GTG	TAG	0	0
mORF_+_3943373	3943373	3943390	+	2	18	TTG	TGA	0	0
mORF_+_3943387	3943387	3943416	+	1	30	GTG	TAA	0	0
mORF_+_3943439	3943439	3943444	+	2	6	ATG	TAG	0	0
mORF_+_3943445	3943445	3943510	+	2	66	GTG	TAA	0	0
mORF_+_3943455	3943455	3943580	+	3	126	TTG	TAA	0	0
mORF_+_3943523	3943523	3943555	+	2	33	GTG	TGA	0	0
mORF_+_3943537	3943537	3943584	+	1	48	GTG	TGA	0	0
mORF_+_3943581	3943581	3943679	+	3	99	TTG	TAA	0	0
mORF_+_3943669	3943669	3943704	+	1	36	TTG	TAA	0	0
mORF_+_3943704	3943704	3943739	+	3	36	ATG	TGA	0	0
mORF_+_3943736	3943736	3943756	+	2	21	GTG	TGA	0	0
mORF_+_3943753	3943753	3943809	+	1	57	GTG	TAG	0	0
mORF_+_3943764	3943764	3943796	+	3	33	GTG	TGA	0	0

mORF_+_3943793	3943793	3943834	+	2	42	GTG	TGA	0	0
mORF_+_3943824	3943824	3943841	+	3	18	TTG	TAG	0	0
mORF_+_3943831	3943831	3943860	+	1	30	TTG	TGA	0	0
mORF_+_3943847	3943847	3943993	+	2	147	GTG	TAA	0	0
mORF_+_3943857	3943857	3943895	+	3	39	TTG	TGA	0	0
mORF_+_3943864	3943864	3943917	+	1	54	GTG	TGA	0	0
mORF_+_3943914	3943914	3943925	+	3	12	TTG	TAA	0	0
mORF_+_3943927	3943927	3943938	+	1	12	GTG	TGA	0	0
mORF_+_3943935	3943935	3943973	+	3	39	GTG	TGA	0	0
mORF_+_3943945	3943945	3943968	+	1	24	TTG	TAG	0	0
mORF_+_3944017	3944017	3944049	+	1	33	TTG	TAG	0	0
mORF_+_3944049	3944049	3944072	+	3	24	GTG	TGA	0	0
mORF_+_3944054	3944054	3944062	+	2	9	ATG	TAA	0	0
mORF_+_3944069	3944069	3944185	+	2	117	TTG	TGA	0	0
mORF_+_3944097	3944097	3944132	+	3	36	GTG	TGA	0	0
mORF_+_3944133	3944133	3944159	+	3	27	ATG	TAA	0	0
mORF_+_3944214	3944214	3944261	+	3	48	GTG	TAG	0	0
mORF_+_3944218	3944218	3944256	+	1	39	TTG	TGA	0	0
mORF_+_3944273	3944273	3944314	+	2	42	ATG	TAG	0	0
mORF_+_3944293	3944293	3944448	+	1	156	GTG	TAG	0	0
mORF_+_3944321	3944321	3944365	+	2	45	GTG	TGA	0	0
mORF_+_3944397	3944397	3944474	+	3	78	GTG	TGA	0	0
mORF_+_3944426	3944426	3944452	+	2	27	ATG	TAA	0	0
mORF_+_3944453	3944453	3944467	+	2	15	ATG	TAA	0	0
mORF_+_3944468	3944468	3944518	+	2	51	GTG	TGA	0	0
mORF_+_3944494	3944494	3944526	+	1	33	TTG	TGA	0	0
mORF_+_3944523	3944523	3944546	+	3	24	TTG	TGA	0	0
mORF_+_3944543	3944543	3944599	+	2	57	TTG	TAA	0	0
mORF_+_3944572	3944572	3944577	+	1	6	GTG	TAA	0	0
mORF_+_3944586	3944586	3944594	+	3	9	ATG	TGA	0	0
mORF_+_3944609	3944609	3944626	+	2	18	ATG	TAA	0	0
mORF_+_3944616	3944616	3944687	+	3	72	GTG	TAA	0	0
mORF_+_3944648	3944648	3944677	+	2	30	TTG	TGA	0	0
mORF_+_3944710	3944710	3944850	+	1	141	ATG	TAA	0	0
mORF_+_3944795	3944795	3944827	+	2	33	ATG	TAG	0	0
mORF_+_3944874	3944874	3944981	+	3	108	GTG	TAG	0	0
mORF_+_3944878	3944878	3944883	+	1	6	TTG	TAA	0	0
mORF_+_3944893	3944893	3944904	+	1	12	GTG	TAG	0	0
mORF_+_3944995	3944995	3945069	+	1	75	TTG	TAG	0	0
mORF_+_3945023	3945023	3945079	+	2	57	GTG	TAA	0	0
mORF_+_3945135	3945135	3945176	+	3	42	TTG	TAA	0	0
mORF_+_3945217	3945217	3945246	+	1	30	TTG	TGA	0	0
mORF_+_3945227	3945227	3945235	+	2	9	ATG	TAA	0	0
mORF_+_3945243	3945243	3945302	+	3	60	GTG	TGA	0	0
mORF_+_3945254	3945254	3945418	+	2	165	GTG	TGA	0	0
mORF_+_3945271	3945271	3945309	+	1	39	ATG	TAG	0	0
mORF_+_3945340	3945340	3945465	+	1	126	TTG	TAG	0	0
mORF_+_3945345	3945345	3945452	+	3	108	GTG	TAA	0	0
mORF_+_3945468	3945468	3945500	+	3	33	TTG	TGA	0	0
mORF_+_3945497	3945497	3945517	+	2	21	GTG	TGA	0	0
mORF_+_3945536	3945536	3945649	+	2	114	TTG	TGA	0	0
mORF_+_3945577	3945577	3945630	+	1	54	ATG	TAA	0	0
mORF_+_3945637	3945637	3945735	+	1	99	ATG	TGA	0	0
mORF_+_3945732	3945732	3945779	+	3	48	GTG	TGA	0	0
mORF_+_3945739	3945739	3945801	+	1	63	ATG	TAG	0	0
mORF_+_3945770	3945770	3945793	+	2	24	GTG	TAA	0	0
mORF_+_3945830	3945830	3945868	+	2	39	TTG	TGA	0	0
mORF_+_3945838	3945838	3945903	+	1	66	GTG	TGA	0	0
mORF_+_3945940	3945940	3945975	+	1	36	GTG	TAA	0	0
mORF_+_3945992	3945992	3946027	+	2	36	GTG	TAA	0	0
mORF_+_3946011	3946011	3946022	+	3	12	TTG	TGA	0	0
mORF_+_3946028	3946028	3946057	+	2	30	ATG	TAA	0	0
mORF_+_3946033	3946033	3946080	+	1	48	TTG	TAG	0	0

mORF_+_3946102	3946102	3946134	+	1	33	GTG	TAA	0	0	
mORF_+_3946109	3946109	3946447	+	2	339	ATG	TAA	36	572	pORF_+_3946109
mORF_+_3946164	3946164	3946292	+	3	129	GTG	TAG	0	0	
mORF_+_3946297	3946297	3946314	+	1	18	ATG	TGA	0	0	
mORF_+_3946302	3946302	3946322	+	3	21	GTG	TGA	0	0	
mORF_+_3946339	3946339	3946365	+	1	27	GTG	TAA	0	0	
mORF_+_3946410	3946410	3946523	+	3	114	TTG	TAG	0	0	
mORF_+_3946474	3946474	3946500	+	1	27	ATG	TGA	0	0	
mORF_+_3946493	3946493	3946603	+	2	111	ATG	TAA	0	0	
mORF_+_3946549	3946549	3946554	+	1	6	GTG	TGA	0	0	
mORF_+_3946551	3946551	3946568	+	3	18	GTG	TGA	0	0	
mORF_+_3946581	3946581	3946895	+	3	315	ATG	TAA	0	0	
mORF_+_3946588	3946588	3946740	+	1	153	GTG	TAA	0	0	
mORF_+_3946634	3946634	3946834	+	2	201	ATG	TAA	0	0	
mORF_+_3946828	3946828	3946890	+	1	63	GTG	TGA	0	0	
mORF_+_3946900	3946900	3946950	+	1	51	ATG	TAG	0	0	
mORF_+_3946914	3946914	3946937	+	3	24	GTG	TGA	0	0	
mORF_+_3946925	3946925	3947017	+	2	93	ATG	TGA	0	0	
mORF_+_3947002	3947002	3947304	+	1	303	TTG	TAA	0	0	
mORF_+_3947010	3947010	3947183	+	3	174	GTG	TGA	0	0	
mORF_+_3947021	3947021	3947086	+	2	66	ATG	TAG	0	0	
mORF_+_3947111	3947111	3947170	+	2	60	ATG	TAA	0	0	
mORF_+_3947180	3947180	3947191	+	2	12	GTG	TGA	0	0	
mORF_+_3947213	3947213	3947227	+	2	15	TTG	TGA	0	0	
mORF_+_3947277	3947277	3947408	+	3	132	TTG	TGA	0	0	
mORF_+_3947320	3947320	3947379	+	1	60	TTG	TAA	0	0	
mORF_+_3947360	3947360	3947437	+	2	78	GTG	TAG	0	0	
mORF_+_3947458	3947458	3947547	+	1	90	TTG	TAA	0	0	
mORF_+_3947480	3947480	3947551	+	2	72	GTG	TAG	0	0	
mORF_+_3947614	3947614	3947658	+	1	45	TTG	TAA	0	0	
mORF_+_3947697	3947697	3947975	+	3	279	TTG	TGA	0	0	
mORF_+_3947767	3947767	3947793	+	1	27	TTG	TGA	0	0	
mORF_+_3947872	3947872	3947919	+	1	48	TTG	TGA	0	0	
mORF_+_3947921	3947921	3947983	+	2	63	ATG	TGA	0	0	
mORF_+_3947980	3947980	3947994	+	1	15	TTG	TAA	0	0	
mORF_+_3948002	3948002	3948040	+	2	39	TTG	TAG	0	0	
mORF_+_3948015	3948015	3948062	+	3	48	ATG	TAG	0	0	
mORF_+_3948052	3948052	3948069	+	1	18	GTG	TGA	0	0	
mORF_+_3948062	3948062	3948181	+	2	120	GTG	TGA	0	0	
mORF_+_3948081	3948081	3948092	+	3	12	TTG	TGA	0	0	
mORF_+_3948100	3948100	3948150	+	1	51	TTG	TGA	0	0	
mORF_+_3948111	3948111	3948119	+	3	9	GTG	TGA	0	0	
mORF_+_3948147	3948147	3948236	+	3	90	ATG	TGA	0	0	
mORF_+_3948184	3948184	3948216	+	1	33	TTG	TAA	0	0	
mORF_+_3948233	3948233	3948256	+	2	24	TTG	TAA	0	0	
mORF_+_3948276	3948276	3948302	+	3	27	TTG	TAA	0	0	
mORF_+_3948296	3948296	3948310	+	2	15	ATG	TAG	0	0	
mORF_+_3948328	3948328	3948348	+	1	21	ATG	TGA	0	0	
mORF_+_3948345	3948345	3948443	+	3	99	ATG	TAG	0	0	
mORF_+_3948410	3948410	3948457	+	2	48	GTG	TAA	0	0	
mORF_+_3948424	3948424	3948465	+	1	42	TTG	TAA	0	0	
mORF_+_3948498	3948498	3948515	+	3	18	TTG	TAA	0	0	
mORF_+_3948530	3948530	3948580	+	2	51	ATG	TAA	0	0	
mORF_+_3948583	3948583	3949566	+	1	984	ATG	TGA	11	46	pORF_+_3948583
mORF_+_3948587	3948587	3948631	+	2	45	ATG	TGA	0	0	
mORF_+_3948597	3948597	3948689	+	3	93	GTG	TGA	0	0	
mORF_+_3948653	3948653	3948817	+	2	165	GTG	TGA	0	0	
mORF_+_3948711	3948711	3948722	+	3	12	ATG	TGA	0	0	
mORF_+_3948780	3948780	3948902	+	3	123	ATG	TGA	0	0	
mORF_+_3948827	3948827	3948844	+	2	18	TTG	TAG	0	0	
mORF_+_3948857	3948857	3948940	+	2	84	TTG	TAG	0	0	
mORF_+_3949013	3949013	3949072	+	2	60	TTG	TAG	0	0	
mORF_+_3949079	3949079	3949120	+	2	42	GTG	TGA	0	0	

mORF_+_3949092	3949092	3949109	+	3	18	GTG	TGA	0	0	
mORF_+_3949130	3949130	3949276	+	2	147	ATG	TGA	0	0	
mORF_+_3949368	3949368	3949373	+	3	6	GTG	TGA	0	0	
mORF_+_3949370	3949370	3949381	+	2	12	GTG	TGA	0	0	
mORF_+_3949400	3949400	3949414	+	2	15	TTG	TGA	0	0	
mORF_+_3949448	3949448	3949483	+	2	36	GTG	TGA	0	0	
mORF_+_3949502	3949502	3949525	+	2	24	ATG	TAA	0	0	
mORF_+_3949526	3949526	3949558	+	2	33	ATG	TAA	0	0	
mORF_+_3949563	3949563	3949655	+	3	93	ATG	TAA	0	0	
mORF_+_3949646	3949646	3950227	+	2	582	TTG	TGA	1	0	pORF_+_3949646
mORF_+_3949684	3949684	3949863	+	1	180	TTG	TGA	0	0	
mORF_+_3949701	3949701	3949781	+	3	81	ATG	TAG	0	0	
mORF_+_3949794	3949794	3949877	+	3	84	TTG	TGA	0	0	
mORF_+_3949881	3949881	3949904	+	3	24	ATG	TAA	0	0	
mORF_+_3949969	3949969	3950019	+	1	51	ATG	TGA	0	0	
mORF_+_3950061	3950061	3950117	+	3	57	ATG	TGA	0	0	
mORF_+_3950121	3950121	3950408	+	3	288	GTG	TAG	0	0	
mORF_+_3950224	3950224	3950487	+	1	264	ATG	TGA	0	0	
mORF_+_3950243	3950243	3950275	+	2	33	ATG	TAG	0	0	
mORF_+_3950279	3950279	3950326	+	2	48	GTG	TGA	0	0	
mORF_+_3950345	3950345	3950359	+	2	15	ATG	TAA	0	0	
mORF_+_3950375	3950375	3950416	+	2	42	TTG	TAA	0	0	
mORF_+_3950441	3950441	3951436	+	2	996	TTG	TAA	46	593	pORF_+_3950441
mORF_+_3950533	3950533	3950619	+	1	87	TTG	TGA	0	0	
mORF_+_3950541	3950541	3950582	+	3	42	ATG	TGA	0	0	
mORF_+_3950601	3950601	3950744	+	3	144	ATG	TGA	0	0	
mORF_+_3950629	3950629	3950673	+	1	45	TTG	TGA	0	0	
mORF_+_3950752	3950752	3950760	+	1	9	TTG	TGA	0	0	
mORF_+_3950757	3950757	3950765	+	3	9	GTG	TGA	0	0	
mORF_+_3950817	3950817	3950837	+	3	21	GTG	TAA	0	0	
mORF_+_3950884	3950884	3950997	+	1	114	GTG	TAA	0	0	
mORF_+_3950928	3950928	3951071	+	3	144	ATG	TGA	0	0	
mORF_+_3951108	3951108	3951116	+	3	9	TTG	TGA	0	0	
mORF_+_3951120	3951120	3951311	+	3	192	ATG	TAG	0	0	
mORF_+_3951324	3951324	3951419	+	3	96	TTG	TAG	0	0	
mORF_+_3951337	3951337	3951405	+	1	69	TTG	TAA	0	0	
mORF_+_3951406	3951406	3951429	+	1	24	ATG	TAA	0	0	
mORF_+_3951446	3951446	3951493	+	2	48	ATG	TAA	0	0	
mORF_+_3951501	3951501	3953351	+	3	1851	ATG	TAA	55	509	pORF_+_3951501
mORF_+_3951532	3951532	3951582	+	1	51	ATG	TGA	0	0	
mORF_+_3951563	3951563	3951601	+	2	39	GTG	TAA	0	0	
mORF_+_3951616	3951616	3951621	+	1	6	TTG	TGA	0	0	
mORF_+_3951637	3951637	3951798	+	1	162	TTG	TGA	0	0	
mORF_+_3951811	3951811	3951891	+	1	81	TTG	TGA	0	0	
mORF_+_3951925	3951925	3952005	+	1	81	TTG	TGA	0	0	
mORF_+_3952051	3952051	3952113	+	1	63	TTG	TGA	0	0	
mORF_+_3952064	3952064	3952105	+	2	42	GTG	TAA	0	0	
mORF_+_3952201	3952201	3952227	+	1	27	ATG	TGA	0	0	
mORF_+_3952258	3952258	3952308	+	1	51	GTG	TGA	0	0	
mORF_+_3952327	3952327	3952395	+	1	69	GTG	TGA	0	0	
mORF_+_3952396	3952396	3952536	+	1	141	GTG	TGA	0	0	
mORF_+_3952433	3952433	3952438	+	2	6	GTG	TAA	0	0	
mORF_+_3952540	3952540	3952548	+	1	9	GTG	TGA	0	0	
mORF_+_3952558	3952558	3952566	+	1	9	TTG	TGA	0	0	
mORF_+_3952612	3952612	3952623	+	1	12	ATG	TAA	0	0	
mORF_+_3952682	3952682	3952783	+	2	102	TTG	TAA	0	0	
mORF_+_3952717	3952717	3952809	+	1	93	ATG	TGA	0	0	
mORF_+_3952825	3952825	3952887	+	1	63	ATG	TAG	0	0	
mORF_+_3952909	3952909	3952929	+	1	21	TTG	TAG	0	0	
mORF_+_3952939	3952939	3952998	+	1	60	ATG	TGA	0	0	
mORF_+_3953023	3953023	3953031	+	1	9	GTG	TGA	0	0	
mORF_+_3953053	3953053	3953121	+	1	69	GTG	TGA	0	0	
mORF_+_3953122	3953122	3953139	+	1	18	TTG	TGA	0	0	

mORF_+_3953161	3953161	3953181	+	1	21	GTG	TAA	0	0	
mORF_+_3953185	3953185	3953361	+	1	177	ATG	TGA	0	0	
mORF_+_3953354	3953354	3954898	+	2	1545	ATG	TAG	21	67	pORF_+_3953354
mORF_+_3953379	3953379	3953405	+	3	27	GTG	TAA	0	0	
mORF_+_3953484	3953484	3953504	+	3	21	TTG	TGA	0	0	
mORF_+_3953757	3953757	3953840	+	3	84	TTG	TGA	0	0	
mORF_+_3953841	3953841	3953951	+	3	111	TTG	TGA	0	0	
mORF_+_3954027	3954027	3954059	+	3	33	ATG	TAG	0	0	
mORF_+_3954066	3954066	3954080	+	3	15	TTG	TAG	0	0	
mORF_+_3954096	3954096	3954176	+	3	81	GTG	TGA	0	0	
mORF_+_3954115	3954115	3954153	+	1	39	ATG	TAG	0	0	
mORF_+_3954192	3954192	3954242	+	3	51	ATG	TGA	0	0	
mORF_+_3954300	3954300	3954311	+	3	12	GTG	TGA	0	0	
mORF_+_3954363	3954363	3954383	+	3	21	GTG	TGA	0	0	
mORF_+_3954429	3954429	3954509	+	3	81	TTG	TGA	0	0	
mORF_+_3954573	3954573	3954830	+	3	258	TTG	TGA	0	0	
mORF_+_3954831	3954831	3955187	+	3	357	ATG	TAA	0	0	
mORF_+_3954847	3954847	3954867	+	1	21	TTG	TAA	0	0	
mORF_+_3954905	3954905	3954991	+	2	87	ATG	TAG	0	0	
mORF_+_3954979	3954979	3955203	+	1	225	ATG	TGA	0	0	
mORF_+_3954998	3954998	3955003	+	2	6	ATG	TAG	0	0	
mORF_+_3955166	3955166	3955279	+	2	114	ATG	TGA	0	0	
mORF_+_3955209	3955209	3955253	+	3	45	TTG	TGA	0	0	
mORF_+_3955276	3955276	3955434	+	1	159	TTG	TGA	0	0	
mORF_+_3955431	3955431	3955538	+	3	108	GTG	TAG	0	0	
mORF_+_3955493	3955493	3955567	+	2	75	GTG	TAA	0	0	
mORF_+_3955589	3955589	3955747	+	2	159	TTG	TGA	0	0	
mORF_+_3955599	3955599	3955619	+	3	21	ATG	TGA	0	0	
mORF_+_3955683	3955683	3955712	+	3	30	GTG	TGA	0	0	
mORF_+_3955744	3955744	3955764	+	1	21	GTG	TAA	0	0	
mORF_+_3955752	3955752	3955886	+	3	135	GTG	TGA	0	0	
mORF_+_3955766	3955766	3955837	+	2	72	GTG	TAA	0	0	
mORF_+_3955858	3955858	3957468	+	1	1611	ATG	TAA	241	10430	pORF_+_3955858
mORF_+_3955883	3955883	3955894	+	2	12	GTG	TGA	0	0	
mORF_+_3955931	3955931	3955966	+	2	36	GTG	TAA	0	0	
mORF_+_3956049	3956049	3956072	+	3	24	ATG	TGA	0	0	
mORF_+_3956069	3956069	3956113	+	2	45	ATG	TAG	0	0	
mORF_+_3956126	3956126	3956143	+	2	18	GTG	TGA	0	0	
mORF_+_3956162	3956162	3956278	+	2	117	GTG	TGA	0	0	
mORF_+_3956330	3956330	3956335	+	2	6	ATG	TAG	0	0	
mORF_+_3956447	3956447	3956515	+	2	69	TTG	TGA	0	0	
mORF_+_3956457	3956457	3956480	+	3	24	ATG	TGA	0	0	
mORF_+_3956516	3956516	3956635	+	2	120	TTG	TGA	0	0	
mORF_+_3956667	3956667	3956828	+	3	162	GTG	TAA	0	0	
mORF_+_3956843	3956843	3956869	+	2	27	GTG	TGA	0	0	
mORF_+_3956960	3956960	3956977	+	2	18	ATG	TGA	0	0	
mORF_+_3956984	3956984	3957073	+	2	90	GTG	TGA	0	0	
mORF_+_3957077	3957077	3957088	+	2	12	TTG	TGA	0	0	
mORF_+_3957098	3957098	3957181	+	2	84	TTG	TGA	0	0	
mORF_+_3957182	3957182	3957220	+	2	39	TTG	TGA	0	0	
mORF_+_3957273	3957273	3957329	+	3	57	TTG	TAA	0	0	
mORF_+_3957275	3957275	3957289	+	2	15	GTG	TGA	0	0	
mORF_+_3957368	3957368	3957376	+	2	9	GTG	TGA	0	0	
mORF_+_3957395	3957395	3957412	+	2	18	ATG	TAG	0	0	
mORF_+_3957452	3957452	3957577	+	2	126	TTG	TAA	0	0	
mORF_+_3957469	3957469	3957558	+	1	90	GTG	TAG	0	0	
mORF_+_3957549	3957549	3957689	+	3	141	TTG	TAA	0	0	
mORF_+_3957559	3957559	3957585	+	1	27	TTG	TGA	0	0	
mORF_+_3957598	3957598	3957669	+	1	72	GTG	TGA	0	0	
mORF_+_3957703	3957703	3957849	+	1	147	TTG	TGA	0	0	
mORF_+_3957710	3957710	3957763	+	2	54	ATG	TAA	0	0	
mORF_+_3957723	3957723	3957857	+	3	135	GTG	TAA	0	0	
mORF_+_3957815	3957815	3957838	+	2	24	GTG	TGA	0	0	

mORF_+_3957850	3957850	3957882	+	1	33	GTG	TGA	0	0	
mORF_+_3957858	3957858	3957896	+	3	39	TTG	TAA	0	0	
mORF_+_3957890	3957890	3957901	+	2	12	ATG	TAA	0	0	
mORF_+_3957902	3957902	3958045	+	2	144	TTG	TGA	0	0	
mORF_+_3957916	3957916	3957987	+	1	72	GTG	TAG	0	0	
mORF_+_3958020	3958020	3958064	+	3	45	ATG	TGA	0	0	
mORF_+_3958042	3958042	3958116	+	1	75	ATG	TGA	0	0	
mORF_+_3958061	3958061	3958069	+	2	9	TTG	TGA	0	0	
mORF_+_3958101	3958101	3958151	+	3	51	ATG	TAA	0	0	
mORF_+_3958103	3958103	3958120	+	2	18	GTG	TAA	0	0	
mORF_+_3958139	3958139	3958165	+	2	27	TTG	TGA	0	0	
mORF_+_3958167	3958167	3958268	+	3	102	TTG	TAA	0	0	
mORF_+_3958186	3958186	3958206	+	1	21	TTG	TGA	0	0	
mORF_+_3958225	3958225	3958323	+	1	99	TTG	TAA	0	0	
mORF_+_3958284	3958284	3958388	+	3	105	GTG	TAA	0	0	
mORF_+_3958395	3958395	3958427	+	3	33	GTG	TAG	0	0	
mORF_+_3958412	3958412	3958489	+	2	78	TTG	TAA	0	0	
mORF_+_3958437	3958437	3958511	+	3	75	TTG	TGA	0	0	
mORF_+_3958556	3958556	3958570	+	2	15	ATG	TGA	0	0	
mORF_+_3958567	3958567	3958602	+	1	36	ATG	TAA	0	0	
mORF_+_3958649	3958649	3960721	+	2	2073	ATG	TAA	6	20	pORF_+_3958649
mORF_+_3958788	3958788	3958817	+	3	30	GTG	TGA	0	0	
mORF_+_3958825	3958825	3958869	+	1	45	TTG	TAA	0	0	
mORF_+_3958848	3958848	3958859	+	3	12	TTG	TGA	0	0	
mORF_+_3958896	3958896	3958901	+	3	6	GTG	TAG	0	0	
mORF_+_3958929	3958929	3958937	+	3	9	GTG	TGA	0	0	
mORF_+_3958986	3958986	3959003	+	3	18	ATG	TGA	0	0	
mORF_+_3959022	3959022	3959060	+	3	39	TTG	TGA	0	0	
mORF_+_3959073	3959073	3959105	+	3	33	TTG	TGA	0	0	
mORF_+_3959130	3959130	3959225	+	3	96	ATG	TGA	0	0	
mORF_+_3959197	3959197	3959214	+	1	18	TTG	TGA	0	0	
mORF_+_3959250	3959250	3959258	+	3	9	ATG	TGA	0	0	
mORF_+_3959289	3959289	3959381	+	3	93	ATG	TGA	0	0	
mORF_+_3959421	3959421	3959483	+	3	63	GTG	TGA	0	0	
mORF_+_3959517	3959517	3959552	+	3	36	TTG	TGA	0	0	
mORF_+_3959592	3959592	3959636	+	3	45	TTG	TAA	0	0	
mORF_+_3959664	3959664	3959693	+	3	30	ATG	TGA	0	0	
mORF_+_3959772	3959772	3959786	+	3	15	TTG	TGA	0	0	
mORF_+_3959817	3959817	3959879	+	3	63	GTG	TGA	0	0	
mORF_+_3959892	3959892	3959954	+	3	63	ATG	TGA	0	0	
mORF_+_3959964	3959964	3959978	+	3	15	GTG	TGA	0	0	
mORF_+_3959968	3959968	3959988	+	1	21	GTG	TAA	0	0	
mORF_+_3960009	3960009	3960023	+	3	15	TTG	TGA	0	0	
mORF_+_3960042	3960042	3960059	+	3	18	GTG	TGA	0	0	
mORF_+_3960114	3960114	3960134	+	3	21	TTG	TGA	0	0	
mORF_+_3960138	3960138	3960206	+	3	69	ATG	TGA	0	0	
mORF_+_3960255	3960255	3960275	+	3	21	GTG	TGA	0	0	
mORF_+_3960324	3960324	3960362	+	3	39	GTG	TGA	0	0	
mORF_+_3960399	3960399	3960521	+	3	123	ATG	TGA	0	0	
mORF_+_3960532	3960532	3960537	+	1	6	GTG	TAA	0	0	
mORF_+_3960606	3960606	3960614	+	3	9	ATG	TGA	0	0	
mORF_+_3960616	3960616	3960771	+	1	156	TTG	TAA	0	0	
mORF_+_3960737	3960737	3960826	+	2	90	ATG	TAA	0	0	
mORF_+_3960771	3960771	3960854	+	3	84	ATG	TAG	0	0	
mORF_+_3960861	3960861	3960902	+	3	42	TTG	TAA	0	0	
mORF_+_3960902	3960902	3960949	+	2	48	ATG	TGA	0	0	
mORF_+_3960946	3960946	3961011	+	1	66	ATG	TGA	0	0	
mORF_+_3960975	3960975	3961022	+	3	48	TTG	TGA	0	0	
mORF_+_3961019	3961019	3961039	+	2	21	ATG	TAG	0	0	
mORF_+_3961045	3961045	3961119	+	1	75	TTG	TAA	0	0	
mORF_+_3961076	3961076	3961087	+	2	12	GTG	TAA	0	0	
mORF_+_3961125	3961125	3961466	+	3	342	GTG	TAA	0	0	
mORF_+_3961141	3961141	3961170	+	1	30	TTG	TGA	0	0	

mORF_+_3961186	3961186	3961236	+	1	51	ATG	TGA	0	0	
mORF_+_3961205	3961205	3961249	+	2	45	TTG	TAG	0	0	
mORF_+_3961258	3961258	3961278	+	1	21	TTG	TGA	0	0	
mORF_+_3961271	3961271	3961294	+	2	24	GTG	TAA	0	0	
mORF_+_3961357	3961357	3961365	+	1	9	ATG	TAG	0	0	
mORF_+_3961429	3961429	3961521	+	1	93	ATG	TGA	0	0	
mORF_+_3961518	3961518	3961601	+	3	84	ATG	TAA	0	0	
mORF_+_3961522	3961522	3961647	+	1	126	ATG	TGA	0	0	
mORF_+_3961580	3961580	3961591	+	2	12	GTG	TGA	0	0	
mORF_+_3961644	3961644	3961655	+	3	12	GTG	TAA	0	0	
mORF_+_3961685	3961685	3961759	+	2	75	GTG	TGA	0	0	
mORF_+_3961756	3961756	3961857	+	1	102	GTG	TGA	0	0	
mORF_+_3961794	3961794	3961994	+	3	201	TTG	TAA	0	0	
mORF_+_3961796	3961796	3961921	+	2	126	GTG	TGA	0	0	
mORF_+_3961870	3961870	3961878	+	1	9	GTG	TGA	0	0	
mORF_+_3961957	3961957	3962199	+	1	243	TTG	TGA	0	0	
mORF_+_3962019	3962019	3962351	+	3	333	TTG	TGA	0	0	
mORF_+_3962084	3962084	3962302	+	2	219	TTG	TGA	0	0	
mORF_+_3962221	3962221	3962319	+	1	99	ATG	TAA	0	0	
mORF_+_3962348	3962348	3962365	+	2	18	TTG	TGA	0	0	
mORF_+_3962358	3962358	3962396	+	3	39	TTG	TGA	0	0	
mORF_+_3962362	3962362	3962391	+	1	30	ATG	TAA	0	0	
mORF_+_3962437	3962437	3962526	+	1	90	TTG	TGA	0	0	
mORF_+_3962471	3962471	3962545	+	2	75	TTG	TAG	0	0	
mORF_+_3962523	3962523	3962657	+	3	135	GTG	TAA	0	0	
mORF_+_3962558	3962558	3962584	+	2	27	ATG	TGA	0	0	
mORF_+_3962597	3962597	3962668	+	2	72	TTG	TAA	0	0	
mORF_+_3962673	3962673	3962801	+	3	129	GTG	TAA	0	0	
mORF_+_3962716	3962716	3962814	+	1	99	GTG	TGA	0	0	
mORF_+_3962811	3962811	3963221	+	3	411	ATG	TAA	0	0	
mORF_+_3962857	3962857	3962946	+	1	90	TTG	TAG	0	0	
mORF_+_3963010	3963010	3963177	+	1	168	TTG	TGA	0	0	
mORF_+_3963086	3963086	3963127	+	2	42	TTG	TAA	0	0	
mORF_+_3963178	3963178	3963213	+	1	36	ATG	TAG	0	0	
mORF_+_3963229	3963229	3963285	+	1	57	GTG	TAG	0	0	
mORF_+_3963351	3963351	3963392	+	3	42	ATG	TAA	0	0	
mORF_+_3963380	3963380	3963388	+	2	9	GTG	TAA	0	0	
mORF_+_3963412	3963412	3963435	+	1	24	TTG	TGA	0	0	
mORF_+_3963432	3963432	3963458	+	3	27	ATG	TGA	0	0	
mORF_+_3963455	3963455	3963463	+	2	9	TTG	TAA	0	0	
mORF_+_3963492	3963492	3963638	+	3	147	TTG	TAA	0	0	
mORF_+_3963542	3963542	3963655	+	2	114	GTG	TAG	0	0	
mORF_+_3963550	3963550	3963567	+	1	18	ATG	TGA	0	0	
mORF_+_3963639	3963639	3963704	+	3	66	ATG	TGA	0	0	
mORF_+_3963646	3963646	3963663	+	1	18	TTG	TAG	0	0	
mORF_+_3963679	3963679	3964113	+	1	435	TTG	TAA	35	888	pORF_+_3963679
mORF_+_3963701	3963701	3963709	+	2	9	GTG	TAA	0	0	
mORF_+_3963723	3963723	3963794	+	3	72	TTG	TAA	0	0	
mORF_+_3963821	3963821	3963898	+	2	78	TTG	TGA	0	0	
mORF_+_3963876	3963876	3963917	+	3	42	GTG	TGA	0	0	
mORF_+_3963914	3963914	3963946	+	2	33	ATG	TGA	0	0	
mORF_+_3963950	3963950	3963961	+	2	12	TTG	TGA	0	0	
mORF_+_3963995	3963995	3964084	+	2	90	ATG	TGA	0	0	
mORF_+_3964123	3964123	3964197	+	1	75	ATG	TAA	0	0	
mORF_+_3964131	3964131	3964145	+	3	15	GTG	TAA	0	0	
mORF_+_3964169	3964169	3964180	+	2	12	ATG	TAG	0	0	
mORF_+_3964214	3964214	3964264	+	2	51	TTG	TGA	0	0	
mORF_+_3964221	3964221	3964226	+	3	6	TTG	TAA	0	0	
mORF_+_3964254	3964254	3964355	+	3	102	ATG	TGA	0	0	
mORF_+_3964261	3964261	3964326	+	1	66	GTG	TGA	0	0	
mORF_+_3964295	3964295	3964375	+	2	81	TTG	TGA	0	0	
mORF_+_3964368	3964368	3965699	+	3	1332	ATG	TAA	147	4537	pORF_+_3964368
mORF_+_3964372	3964372	3964401	+	1	30	ATG	TAA	0	0	

mORF_+_3964546	3964546	3964557	+	1	12	TTG	TGA	0	0	
mORF_+_3964573	3964573	3964782	+	1	210	GTG	TGA	0	0	
mORF_+_3964837	3964837	3964848	+	1	12	TTG	TAA	0	0	
mORF_+_3964885	3964885	3964911	+	1	27	GTG	TAA	0	0	
mORF_+_3964948	3964948	3964965	+	1	18	GTG	TGA	0	0	
mORF_+_3964966	3964966	3965052	+	1	87	TTG	TGA	0	0	
mORF_+_3965042	3965042	3965116	+	2	75	TTG	TGA	0	0	
mORF_+_3965113	3965113	3965178	+	1	66	GTG	TGA	0	0	
mORF_+_3965200	3965200	3965295	+	1	96	TTG	TGA	0	0	
mORF_+_3965299	3965299	3965379	+	1	81	GTG	TGA	0	0	
mORF_+_3965579	3965579	3965641	+	2	63	GTG	TAA	0	0	
mORF_+_3965620	3965620	3965655	+	1	36	ATG	TGA	0	0	
mORF_+_3965665	3965665	3965685	+	1	21	ATG	TGA	0	0	
mORF_+_3965702	3965702	3965758	+	2	57	TTG	TAA	0	0	
mORF_+_3965709	3965709	3965927	+	3	219	ATG	TGA	0	0	
mORF_+_3965725	3965725	3965784	+	1	60	GTG	TAG	0	0	
mORF_+_3965800	3965800	3965838	+	1	39	TTG	TAA	0	0	
mORF_+_3965813	3965813	3965887	+	2	75	ATG	TAA	0	0	
mORF_+_3965842	3965842	3965883	+	1	42	TTG	TGA	0	0	
mORF_+_3965896	3965896	3965964	+	1	69	GTG	TGA	0	0	
mORF_+_3965937	3965937	3965942	+	3	6	TTG	TGA	0	0	
mORF_+_3965939	3965939	3967042	+	2	1104	GTG	TAA	0	0	
mORF_+_3966006	3966006	3966038	+	3	33	TTG	TAG	0	0	
mORF_+_3966087	3966087	3966230	+	3	144	TTG	TAA	0	0	
mORF_+_3966115	3966115	3966210	+	1	96	TTG	TGA	0	0	
mORF_+_3966237	3966237	3966272	+	3	36	GTG	TGA	0	0	
mORF_+_3966315	3966315	3966359	+	3	45	TTG	TGA	0	0	
mORF_+_3966366	3966366	3966464	+	3	99	TTG	TGA	0	0	
mORF_+_3966469	3966469	3966546	+	1	78	GTG	TAA	0	0	
mORF_+_3966507	3966507	3966515	+	3	9	TTG	TGA	0	0	
mORF_+_3966549	3966549	3966605	+	3	57	TTG	TGA	0	0	
mORF_+_3966606	3966606	3966689	+	3	84	TTG	TAA	0	0	
mORF_+_3966682	3966682	3966741	+	1	60	GTG	TAA	0	0	
mORF_+_3966795	3966795	3966830	+	3	36	GTG	TGA	0	0	
mORF_+_3966837	3966837	3966926	+	3	90	TTG	TAG	0	0	
mORF_+_3966898	3966898	3966954	+	1	57	GTG	TAA	0	0	
mORF_+_3966939	3966939	3966992	+	3	54	ATG	TAA	0	0	
mORF_+_3967014	3967014	3967034	+	3	21	GTG	TAA	0	0	
mORF_+_3967043	3967043	3967054	+	2	12	ATG	TGA	0	0	
mORF_+_3967051	3967051	3968100	+	1	1050	GTG	TAG	21	87	pORF_+_3967051
mORF_+_3967097	3967097	3967180	+	2	84	ATG	TAA	0	0	
mORF_+_3967131	3967131	3967295	+	3	165	GTG	TAA	0	0	
mORF_+_3967202	3967202	3967252	+	2	51	TTG	TGA	0	0	
mORF_+_3967301	3967301	3967480	+	2	180	ATG	TGA	0	0	
mORF_+_3967383	3967383	3967475	+	3	93	GTG	TGA	0	0	
mORF_+_3967526	3967526	3967537	+	2	12	ATG	TGA	0	0	
mORF_+_3967544	3967544	3967624	+	2	81	TTG	TGA	0	0	
mORF_+_3967625	3967625	3967636	+	2	12	ATG	TGA	0	0	
mORF_+_3967644	3967644	3967736	+	3	93	ATG	TGA	0	0	
mORF_+_3967733	3967733	3967747	+	2	15	TTG	TGA	0	0	
mORF_+_3967751	3967751	3967921	+	2	171	TTG	TAA	0	0	
mORF_+_3967931	3967931	3967999	+	2	69	ATG	TAA	0	0	
mORF_+_3968018	3968018	3968029	+	2	12	GTG	TGA	0	0	
mORF_+_3968037	3968037	3968117	+	3	81	GTG	TGA	0	0	
mORF_+_3968045	3968045	3968059	+	2	15	TTG	TGA	0	0	
mORF_+_3968069	3968069	3968080	+	2	12	GTG	TAA	0	0	
mORF_+_3968114	3968114	3969286	+	2	1173	GTG	TGA	18	43	pORF_+_3968114
mORF_+_3968154	3968154	3968159	+	3	6	ATG	TGA	0	0	
mORF_+_3968175	3968175	3968297	+	3	123	TTG	TGA	0	0	
mORF_+_3968254	3968254	3968319	+	1	66	TTG	TGA	0	0	
mORF_+_3968310	3968310	3968336	+	3	27	TTG	TAA	0	0	
mORF_+_3968400	3968400	3968567	+	3	168	TTG	TGA	0	0	
mORF_+_3968539	3968539	3968556	+	1	18	GTG	TAA	0	0	

mORF+_3968628	3968628	3968708	+	3	81	GTG	TGA	0	0	
mORF+_3968689	3968689	3968700	+	1	12	ATG	TGA	0	0	
mORF+_3968799	3968799	3968942	+	3	144	GTG	TGA	0	0	
mORF+_3968946	3968946	3968957	+	3	12	ATG	TGA	0	0	
mORF+_3968982	3968982	3968993	+	3	12	TTG	TGA	0	0	
mORF+_3969150	3969150	3969164	+	3	15	TTG	TGA	0	0	
mORF+_3969222	3969222	3969263	+	3	42	ATG	TAA	0	0	
mORF+_3969238	3969238	3969270	+	1	33	ATG	TAA	0	0	
mORF+_3969283	3969283	3970545	+	1	1263	ATG	TGA	6	11	pORF+_3969283
mORF+_3969290	3969290	3969370	+	2	81	TTG	TAA	0	0	
mORF+_3969371	3969371	3969454	+	2	84	TTG	TAG	0	0	
mORF+_3969503	3969503	3969523	+	2	21	TTG	TGA	0	0	
mORF+_3969524	3969524	3969568	+	2	45	TTG	TGA	0	0	
mORF+_3969575	3969575	3969610	+	2	36	TTG	TGA	0	0	
mORF+_3969632	3969632	3969682	+	2	51	TTG	TAG	0	0	
mORF+_3969675	3969675	3969797	+	3	123	ATG	TAA	0	0	
mORF+_3969743	3969743	3969781	+	2	39	TTG	TAA	0	0	
mORF+_3969812	3969812	3969823	+	2	12	TTG	TGA	0	0	
mORF+_3969831	3969831	3969878	+	3	48	TTG	TGA	0	0	
mORF+_3969875	3969875	3969946	+	2	72	GTG	TGA	0	0	
mORF+_3969879	3969879	3969893	+	3	15	GTG	TAA	0	0	
mORF+_3969912	3969912	3969917	+	3	6	GTG	TAA	0	0	
mORF+_3969956	3969956	3969976	+	2	21	TTG	TGA	0	0	
mORF+_3969978	3969978	3969998	+	3	21	TTG	TAA	0	0	
mORF+_3969980	3969980	3970012	+	2	33	GTG	TGA	0	0	
mORF+_3970082	3970082	3970156	+	2	75	TTG	TGA	0	0	
mORF+_3970095	3970095	3970208	+	3	114	GTG	TGA	0	0	
mORF+_3970209	3970209	3970229	+	3	21	TTG	TAA	0	0	
mORF+_3970238	3970238	3970246	+	2	9	GTG	TGA	0	0	
mORF+_3970259	3970259	3970327	+	2	69	TTG	TGA	0	0	
mORF+_3970335	3970335	3970343	+	3	9	GTG	TAG	0	0	
mORF+_3970358	3970358	3970396	+	2	39	TTG	TGA	0	0	
mORF+_3970404	3970404	3970424	+	3	21	TTG	TGA	0	0	
mORF+_3970421	3970421	3970456	+	2	36	TTG	TGA	0	0	
mORF+_3970490	3970490	3970645	+	2	156	ATG	TAA	0	0	
mORF+_3970545	3970545	3971612	+	3	1068	ATG	TAA	20	53	pORF+_3970545
mORF+_3970567	3970567	3970635	+	1	69	GTG	TAG	0	0	
mORF+_3970702	3970702	3970902	+	1	201	TTG	TGA	0	0	
mORF+_3970957	3970957	3971145	+	1	189	ATG	TGA	0	0	
mORF+_3971194	3971194	3971406	+	1	213	ATG	TGA	0	0	
mORF+_3971255	3971255	3971284	+	2	30	TTG	TGA	0	0	
mORF+_3971342	3971342	3971401	+	2	60	TTG	TGA	0	0	
mORF+_3971413	3971413	3971598	+	1	186	TTG	TAG	0	0	
mORF+_3971531	3971531	3971545	+	2	15	GTG	TAA	0	0	
mORF+_3971555	3971555	3971722	+	2	168	GTG	TAA	0	0	
mORF+_3971631	3971631	3972512	+	3	882	ATG	TGA	16	79	pORF+_3971631
mORF+_3971830	3971830	3972042	+	1	213	ATG	TGA	0	0	
mORF+_3971936	3971936	3971956	+	2	21	TTG	TAA	0	0	
mORF+_3972058	3972058	3972141	+	1	84	TTG	TGA	0	0	
mORF+_3972205	3972205	3972261	+	1	57	GTG	TGA	0	0	
mORF+_3972265	3972265	3972321	+	1	57	TTG	TGA	0	0	
mORF+_3972322	3972322	3972429	+	1	108	TTG	TGA	0	0	
mORF+_3972433	3972433	3972450	+	1	18	GTG	TAG	0	0	
mORF+_3972490	3972490	3973164	+	1	675	GTG	TGA	0	0	
mORF+_3972509	3972509	3972520	+	2	12	TTG	TAA	0	0	
mORF+_3972539	3972539	3972589	+	2	51	TTG	TGA	0	0	
mORF+_3972609	3972609	3972653	+	3	45	GTG	TGA	0	0	
mORF+_3972632	3972632	3972691	+	2	60	TTG	TAG	0	0	
mORF+_3972695	3972695	3972721	+	2	27	GTG	TGA	0	0	
mORF+_3972725	3972725	3972748	+	2	24	ATG	TAG	0	0	
mORF+_3972800	3972800	3972910	+	2	111	TTG	TGA	0	0	
mORF+_3972825	3972825	3972839	+	3	15	GTG	TGA	0	0	
mORF+_3972864	3972864	3972872	+	3	9	GTG	TGA	0	0	

mORF_+_3972903	3972903	3973016	+	3	114	ATG	TGA	0	0	
mORF_+_3972917	3972917	3973021	+	2	105	GTG	TGA	0	0	
mORF_+_3973046	3973046	3973135	+	2	90	ATG	TAG	0	0	
mORF_+_3973161	3973161	3973172	+	3	12	GTG	TGA	0	0	
mORF_+_3973169	3973169	3974299	+	2	1131	ATG	TGA	14	38	pORF_+_3973169
mORF_+_3973246	3973246	3973386	+	1	141	GTG	TGA	0	0	
mORF_+_3973248	3973248	3973322	+	3	75	GTG	TGA	0	0	
mORF_+_3973383	3973383	3973391	+	3	9	ATG	TGA	0	0	
mORF_+_3973410	3973410	3973484	+	3	75	TTG	TGA	0	0	
mORF_+_3973503	3973503	3973619	+	3	117	TTG	TAG	0	0	
mORF_+_3973623	3973623	3973640	+	3	18	ATG	TGA	0	0	
mORF_+_3973659	3973659	3973748	+	3	90	GTG	TGA	0	0	
mORF_+_3973788	3973788	3973871	+	3	84	GTG	TGA	0	0	
mORF_+_3973897	3973897	3974055	+	1	159	GTG	TAA	0	0	
mORF_+_3973965	3973965	3973973	+	3	9	ATG	TAG	0	0	
mORF_+_3974019	3974019	3974087	+	3	69	ATG	TGA	0	0	
mORF_+_3974146	3974146	3974172	+	1	27	TTG	TGA	0	0	
mORF_+_3974166	3974166	3974270	+	3	105	TTG	TAA	0	0	
mORF_+_3974271	3974271	3974285	+	3	15	TTG	TGA	0	0	
mORF_+_3974301	3974301	3975551	+	3	1251	ATG	TGA	1	2	pORF_+_3974301
mORF_+_3974324	3974324	3974377	+	2	54	GTG	TAA	0	0	
mORF_+_3974353	3974353	3974439	+	1	87	TTG	TGA	0	0	
mORF_+_3974458	3974458	3974487	+	1	30	TTG	TAA	0	0	
mORF_+_3974497	3974497	3974580	+	1	84	TTG	TGA	0	0	
mORF_+_3974593	3974593	3974664	+	1	72	TTG	TAG	0	0	
mORF_+_3974731	3974731	3974757	+	1	27	ATG	TGA	0	0	
mORF_+_3974758	3974758	3974772	+	1	15	TTG	TGA	0	0	
mORF_+_3974773	3974773	3974844	+	1	72	TTG	TGA	0	0	
mORF_+_3974890	3974890	3974907	+	1	18	GTG	TAA	0	0	
mORF_+_3974998	3974998	3975012	+	1	15	TTG	TGA	0	0	
mORF_+_3975046	3975046	3975072	+	1	27	ATG	TGA	0	0	
mORF_+_3975085	3975085	3975150	+	1	66	ATG	TAA	0	0	
mORF_+_3975244	3975244	3975315	+	1	72	GTG	TAG	0	0	
mORF_+_3975319	3975319	3975330	+	1	12	GTG	TAA	0	0	
mORF_+_3975343	3975343	3975363	+	1	21	ATG	TGA	0	0	
mORF_+_3975430	3975430	3975444	+	1	15	TTG	TAA	0	0	
mORF_+_3975454	3975454	3975594	+	1	141	ATG	TAA	0	0	
mORF_+_3975512	3975512	3975541	+	2	30	TTG	TAG	0	0	
mORF_+_3975548	3975548	3976627	+	2	1080	ATG	TGA	2	6	pORF_+_3975548
mORF_+_3975618	3975618	3975686	+	3	69	ATG	TAA	0	0	
mORF_+_3975687	3975687	3975833	+	3	147	GTG	TGA	0	0	
mORF_+_3975817	3975817	3975846	+	1	30	GTG	TAA	0	0	
mORF_+_3975834	3975834	3975908	+	3	75	GTG	TGA	0	0	
mORF_+_3975960	3975960	3975986	+	3	27	GTG	TGA	0	0	
mORF_+_3975993	3975993	3976100	+	3	108	TTG	TGA	0	0	
mORF_+_3976134	3976134	3976187	+	3	54	ATG	TAA	0	0	
mORF_+_3976233	3976233	3976292	+	3	60	TTG	TGA	0	0	
mORF_+_3976308	3976308	3976397	+	3	90	TTG	TGA	0	0	
mORF_+_3976336	3976336	3976425	+	1	90	GTG	TAA	0	0	
mORF_+_3976416	3976416	3976454	+	3	39	GTG	TGA	0	0	
mORF_+_3976506	3976506	3976703	+	3	198	TTG	TGA	0	0	
mORF_+_3976624	3976624	3977976	+	1	1353	ATG	TAA	1	5	pORF_+_3976624
mORF_+_3976643	3976643	3976693	+	2	51	GTG	TGA	0	0	
mORF_+_3976700	3976700	3976783	+	2	84	TTG	TGA	0	0	
mORF_+_3976805	3976805	3976948	+	2	144	TTG	TGA	0	0	
mORF_+_3976971	3976971	3977051	+	3	81	GTG	TAA	0	0	
mORF_+_3977075	3977075	3977098	+	2	24	GTG	TAA	0	0	
mORF_+_3977166	3977166	3977390	+	3	225	GTG	TGA	1	2	pORF_+_3977166
mORF_+_3977198	3977198	3977209	+	2	12	TTG	TGA	0	0	
mORF_+_3977219	3977219	3977359	+	2	141	TTG	TAA	0	0	
mORF_+_3977366	3977366	3977374	+	2	9	ATG	TGA	0	0	
mORF_+_3977375	3977375	3977380	+	2	6	ATG	TGA	0	0	
mORF_+_3977387	3977387	3977566	+	2	180	ATG	TGA	0	0	

mORF_+_3977436	3977436	3977603	+	3	168	GTG	TAA	0	0	
mORF_+_3977693	3977693	3977701	+	2	9	TTG	TGA	0	0	
mORF_+_3977709	3977709	3977729	+	3	21	ATG	TGA	0	0	
mORF_+_3977726	3977726	3977806	+	2	81	ATG	TGA	0	0	
mORF_+_3977819	3977819	3977884	+	2	66	GTG	TGA	0	0	
mORF_+_3977877	3977877	3977915	+	3	39	ATG	TGA	0	0	
mORF_+_3977912	3977912	3977986	+	2	75	TTG	TAA	0	0	
mORF_+_3977979	3977979	3978719	+	3	741	ATG	TGA	2	5	pORF_+_3977979
mORF_+_3978016	3978016	3978030	+	1	15	GTG	TGA	0	0	
mORF_+_3978031	3978031	3978129	+	1	99	TTG	TGA	0	0	
mORF_+_3978035	3978035	3978043	+	2	9	TTG	TGA	0	0	
mORF_+_3978133	3978133	3978162	+	1	30	TTG	TAA	0	0	
mORF_+_3978184	3978184	3978279	+	1	96	ATG	TGA	0	0	
mORF_+_3978316	3978316	3978381	+	1	66	TTG	TGA	0	0	
mORF_+_3978371	3978371	3978412	+	2	42	GTG	TAA	0	0	
mORF_+_3978388	3978388	3978588	+	1	201	TTG	TAA	0	0	
mORF_+_3978626	3978626	3978664	+	2	39	GTG	TAA	0	0	
mORF_+_3978716	3978716	3978736	+	2	21	ATG	TAA	0	0	
mORF_+_3978746	3978746	3978862	+	2	117	GTG	TAA	0	0	
mORF_+_3978801	3978801	3978875	+	3	75	ATG	TAA	1	4	pORF_+_3978801
mORF_+_3978887	3978887	3979024	+	2	138	ATG	TGA	0	0	
mORF_+_3978910	3978910	3980295	+	1	1386	ATG	TAA	0	0	
mORF_+_3979026	3979026	3979229	+	3	204	ATG	TGA	0	0	
mORF_+_3979145	3979145	3979162	+	2	18	ATG	TGA	0	0	
mORF_+_3979172	3979172	3979297	+	2	126	TTG	TGA	0	0	
mORF_+_3979281	3979281	3979466	+	3	186	GTG	TAG	0	0	
mORF_+_3979403	3979403	3979423	+	2	21	TTG	TGA	0	0	
mORF_+_3979430	3979430	3979519	+	2	90	TTG	TGA	0	0	
mORF_+_3979527	3979527	3979583	+	3	57	GTG	TGA	0	0	
mORF_+_3979532	3979532	3979564	+	2	33	TTG	TGA	0	0	
mORF_+_3979565	3979565	3979603	+	2	39	TTG	TGA	0	0	
mORF_+_3979613	3979613	3979621	+	2	9	GTG	TAG	0	0	
mORF_+_3979632	3979632	3979697	+	3	66	GTG	TGA	0	0	
mORF_+_3979694	3979694	3979702	+	2	9	ATG	TAG	0	0	
mORF_+_3979733	3979733	3979786	+	2	54	TTG	TGA	0	0	
mORF_+_3979824	3979824	3980078	+	3	255	TTG	TAA	0	0	
mORF_+_3979907	3979907	3979942	+	2	36	TTG	TAA	0	0	
mORF_+_3979943	3979943	3979957	+	2	15	TTG	TGA	0	0	
mORF_+_3979982	3979982	3980041	+	2	60	GTG	TGA	0	0	
mORF_+_3980069	3980069	3980137	+	2	69	GTG	TAA	0	0	
mORF_+_3980121	3980121	3980180	+	3	60	GTG	TAA	0	0	
mORF_+_3980180	3980180	3980233	+	2	54	ATG	TGA	0	0	
mORF_+_3980252	3980252	3980350	+	2	99	TTG	TAG	0	0	
mORF_+_3980359	3980359	3980397	+	1	39	GTG	TAA	0	0	
mORF_+_3980489	3980489	3980518	+	2	30	TTG	TAA	0	0	
mORF_+_3980499	3980499	3980600	+	3	102	GTG	TAG	0	0	
mORF_+_3980525	3980525	3980530	+	2	6	TTG	TAG	0	0	
mORF_+_3980530	3980530	3980724	+	1	195	GTG	TAA	0	0	
mORF_+_3980564	3980564	3980569	+	2	6	TTG	TGA	0	0	
mORF_+_3980576	3980576	3980650	+	2	75	TTG	TAG	0	0	
mORF_+_3980619	3980619	3980624	+	3	6	TTG	TGA	0	0	
mORF_+_3980666	3980666	3980737	+	2	72	GTG	TAA	0	0	
mORF_+_3980774	3980774	3980911	+	2	138	TTG	TAA	0	0	
mORF_+_3980791	3980791	3980841	+	1	51	TTG	TGA	0	0	
mORF_+_3980838	3980838	3980954	+	3	117	TTG	TGA	0	0	
mORF_+_3980863	3980863	3980901	+	1	39	TTG	TAA	0	0	
mORF_+_3980951	3980951	3982216	+	2	1266	TTG	TAG	0	0	
mORF_+_3980958	3980958	3981017	+	3	60	ATG	TGA	0	0	
mORF_+_3981040	3981040	3981045	+	1	6	TTG	TAA	0	0	
mORF_+_3981054	3981054	3981245	+	3	192	GTG	TAG	0	0	
mORF_+_3981261	3981261	3981281	+	3	21	ATG	TAA	0	0	
mORF_+_3981315	3981315	3981407	+	3	93	ATG	TGA	0	0	
mORF_+_3981322	3981322	3981384	+	1	63	ATG	TGA	0	0	

mORF_+_3981414	3981414	3981440	+	3	27	GTG	TGA	0	0
mORF_+_3981444	3981444	3981452	+	3	9	GTG	TGA	0	0
mORF_+_3981471	3981471	3981662	+	3	192	ATG	TAA	0	0
mORF_+_3981544	3981544	3981600	+	1	57	GTG	TGA	0	0
mORF_+_3981667	3981667	3981696	+	1	30	ATG	TGA	0	0
mORF_+_3981693	3981693	3981755	+	3	63	GTG	TGA	0	0
mORF_+_3981766	3981766	3981846	+	1	81	ATG	TGA	0	0
mORF_+_3981774	3981774	3981839	+	3	66	TTG	TGA	0	0
mORF_+_3981840	3981840	3981935	+	3	96	TTG	TGA	0	0
mORF_+_3981960	3981960	3982016	+	3	57	TTG	TAA	0	0
mORF_+_3981994	3981994	3982008	+	1	15	GTG	TAA	0	0
mORF_+_3982021	3982021	3982137	+	1	117	GTG	TAA	0	0
mORF_+_3982059	3982059	3982082	+	3	24	ATG	TGA	0	0
mORF_+_3982092	3982092	3982208	+	3	117	GTG	TGA	0	0
mORF_+_3982237	3982237	3982314	+	1	78	TTG	TAG	0	0
mORF_+_3982241	3982241	3982258	+	2	18	TTG	TAA	0	0
mORF_+_3982248	3982248	3982280	+	3	33	ATG	TGA	0	0
mORF_+_3982277	3982277	3982297	+	2	21	ATG	TAA	0	0
mORF_+_3982299	3982299	3982367	+	3	69	TTG	TAG	0	0
mORF_+_3982325	3982325	3982378	+	2	54	ATG	TAG	0	0
mORF_+_3982398	3982398	3982517	+	3	120	GTG	TAA	0	0
mORF_+_3982432	3982432	3982449	+	1	18	GTG	TAG	0	0
mORF_+_3982468	3982468	3982752	+	1	285	ATG	TAA	0	0
mORF_+_3982481	3982481	3982510	+	2	30	ATG	TAG	0	0
mORF_+_3982547	3982547	3982567	+	2	21	GTG	TGA	0	0
mORF_+_3982616	3982616	3982663	+	2	48	TTG	TAG	0	0
mORF_+_3982692	3982692	3982733	+	3	42	TTG	TAA	0	0
mORF_+_3982736	3982736	3982864	+	2	129	GTG	TAA	0	0
mORF_+_3982774	3982774	3983307	+	1	534	ATG	TAA	0	0
mORF_+_3982925	3982925	3982999	+	2	75	GTG	TGA	0	0
mORF_+_3983013	3983013	3983030	+	3	18	GTG	TAG	0	0
mORF_+_3983054	3983054	3983113	+	2	60	ATG	TAG	0	0
mORF_+_3983076	3983076	3983192	+	3	117	GTG	TAA	0	0
mORF_+_3983135	3983135	3983143	+	2	9	GTG	TAG	0	0
mORF_+_3983177	3983177	3983200	+	2	24	TTG	TAG	0	0
mORF_+_3983243	3983243	3983284	+	2	42	ATG	TGA	0	0
mORF_+_3983294	3983294	3983362	+	2	69	TTG	TGA	0	0
mORF_+_3983308	3983308	3983526	+	1	219	TTG	TAA	0	0
mORF_+_3983378	3983378	3983482	+	2	105	GTG	TGA	0	0
mORF_+_3983483	3983483	3983491	+	2	9	GTG	TAG	0	0
mORF_+_3983519	3983519	3983635	+	2	117	GTG	TGA	0	0
mORF_+_3983530	3983530	3983652	+	1	123	TTG	TAA	0	0
mORF_+_3983556	3983556	3983600	+	3	45	TTG	TGA	0	0
mORF_+_3983616	3983616	3983693	+	3	78	TTG	TAG	0	0
mORF_+_3983839	3983839	3983946	+	1	108	ATG	TGA	0	0
mORF_+_3983861	3983861	3983908	+	2	48	TTG	TGA	0	0
mORF_+_3983901	3983901	3983972	+	3	72	TTG	TGA	0	0
mORF_+_3983927	3983927	3984082	+	2	156	TTG	TGA	0	0
mORF_+_3984012	3984012	3984071	+	3	60	GTG	TAA	0	0
mORF_+_3984049	3984049	3984063	+	1	15	ATG	TGA	0	0
mORF_+_3984079	3984079	3984120	+	1	42	TTG	TAA	0	0
mORF_+_3984086	3984086	3984112	+	2	27	TTG	TGA	0	0
mORF_+_3984127	3984127	3984249	+	1	123	GTG	TGA	0	0
mORF_+_3984165	3984165	3984218	+	3	54	TTG	TAA	0	0
mORF_+_3984239	3984239	3984277	+	2	39	TTG	TAA	0	0
mORF_+_3984246	3984246	3984296	+	3	51	TTG	TGA	0	0
mORF_+_3984281	3984281	3984292	+	2	12	ATG	TAA	0	0
mORF_+_3984283	3984283	3984300	+	1	18	GTG	TGA	0	0
mORF_+_3984293	3984293	3984316	+	2	24	TTG	TAA	0	0
mORF_+_3984297	3984297	3984329	+	3	33	ATG	TAG	0	0
mORF_+_3984322	3984322	3984405	+	1	84	ATG	TAA	0	0
mORF_+_3984409	3984409	3984447	+	1	39	GTG	TAA	0	0
mORF_+_3984419	3984419	3984499	+	2	81	ATG	TAA	0	0

mORF_+_3984459	3984459	3984545	+	3	87	ATG	TGA	0	0	
mORF_+_3984508	3984508	3984594	+	1	87	ATG	TGA	0	0	
mORF_+_3984549	3984549	3984590	+	3	42	ATG	TGA	0	0	
mORF_+_3984575	3984575	3984628	+	2	54	ATG	TAA	0	0	
mORF_+_3984591	3984591	3984701	+	3	111	GTG	TGA	0	0	
mORF_+_3984604	3984604	3984642	+	1	39	TTG	TAA	0	0	
mORF_+_3984662	3984662	3984817	+	2	156	ATG	TAA	0	0	
mORF_+_3984688	3984688	3984738	+	1	51	TTG	TAA	0	0	
mORF_+_3984714	3984714	3984761	+	3	48	GTG	TAG	0	0	
mORF_+_3984781	3984781	3984897	+	1	117	GTG	TGA	0	0	
mORF_+_3984810	3984810	3984944	+	3	135	ATG	TGA	0	0	
mORF_+_3984908	3984908	3985072	+	2	165	GTG	TGA	0	0	
mORF_+_3984946	3984946	3985014	+	1	69	TTG	TAG	0	0	
mORF_+_3984984	3984984	3985049	+	3	66	TTG	TGA	0	0	
mORF_+_3985054	3985054	3985272	+	1	219	TTG	TGA	1	2	pORF_+_3985054
mORF_+_3985101	3985101	3985280	+	3	180	TTG	TAA	0	0	
mORF_+_3985299	3985299	3985361	+	3	63	ATG	TAA	0	0	
mORF_+_3985307	3985307	3985546	+	2	240	GTG	TAG	0	0	
mORF_+_3985348	3985348	3985542	+	1	195	ATG	TAG	0	0	
mORF_+_3985389	3985389	3985436	+	3	48	GTG	TGA	0	0	
mORF_+_3985500	3985500	3985769	+	3	270	GTG	TGA	0	0	
mORF_+_3985558	3985558	3985725	+	1	168	TTG	TAG	0	0	
mORF_+_3985691	3985691	3985804	+	2	114	GTG	TAG	0	0	
mORF_+_3985805	3985805	3985828	+	2	24	TTG	TAA	0	0	
mORF_+_3985834	3985834	3985893	+	1	60	ATG	TAA	0	0	
mORF_+_3985904	3985904	3985966	+	2	63	ATG	TAG	0	0	
mORF_+_3985917	3985917	3986090	+	3	174	TTG	TAA	0	0	
mORF_+_3985973	3985973	3986317	+	2	345	TTG	TAA	0	0	
mORF_+_3986116	3986116	3986142	+	1	27	TTG	TAG	0	0	
mORF_+_3986158	3986158	3986187	+	1	30	GTG	TAA	0	0	
mORF_+_3986199	3986199	3986279	+	3	81	GTG	TAA	0	0	
mORF_+_3986293	3986293	3986457	+	1	165	GTG	TGA	1	2	pORF_+_3986293
mORF_+_3986349	3986349	3986402	+	3	54	TTG	TGA	0	0	
mORF_+_3986459	3986459	3986473	+	2	15	TTG	TAA	0	0	
mORF_+_3986482	3986482	3986496	+	1	15	ATG	TAA	0	0	
mORF_+_3986540	3986540	3986557	+	2	18	TTG	TAA	0	0	
mORF_+_3986623	3986623	3986634	+	1	12	GTG	TGA	0	0	
mORF_+_3986716	3986716	3986772	+	1	57	ATG	TGA	0	0	
mORF_+_3986730	3986730	3987026	+	3	297	TTG	TGA	0	0	
mORF_+_3986753	3986753	3986788	+	2	36	TTG	TAA	0	0	
mORF_+_3986792	3986792	3986809	+	2	18	GTG	TAA	0	0	
mORF_+_3986812	3986812	3986898	+	1	87	ATG	TGA	0	0	
mORF_+_3986855	3986855	3986872	+	2	18	ATG	TAG	0	0	
mORF_+_3986899	3986899	3987360	+	1	462	TTG	TAA	0	0	
mORF_+_3986981	3986981	3987163	+	2	183	ATG	TAA	0	0	
mORF_+_3987078	3987078	3987107	+	3	30	TTG	TGA	0	0	
mORF_+_3987114	3987114	3987119	+	3	6	TTG	TAA	0	0	
mORF_+_3987168	3987168	3987221	+	3	54	TTG	TAG	0	0	
mORF_+_3987228	3987228	3987233	+	3	6	GTG	TAG	0	0	
mORF_+_3987240	3987240	3987434	+	3	195	GTG	TAG	0	0	
mORF_+_3987257	3987257	3987301	+	2	45	GTG	TAA	0	0	
mORF_+_3987365	3987365	3987397	+	2	33	TTG	TGA	0	0	
mORF_+_3987394	3987394	3987540	+	1	147	GTG	TAG	0	0	
mORF_+_3987486	3987486	3987491	+	3	6	TTG	TAA	0	0	
mORF_+_3987501	3987501	3987506	+	3	6	TTG	TAG	0	0	
mORF_+_3987564	3987564	3987569	+	3	6	ATG	TAG	0	0	
mORF_+_3987569	3987569	3987838	+	2	270	GTG	TGA	0	0	
mORF_+_3987580	3987580	3987603	+	1	24	GTG	TAA	0	0	
mORF_+_3987630	3987630	3987647	+	3	18	TTG	TGA	0	0	
mORF_+_3987648	3987648	3987734	+	3	87	TTG	TAA	0	0	
mORF_+_3987735	3987735	3987809	+	3	75	TTG	TAA	0	0	
mORF_+_3987790	3987790	3987978	+	1	189	GTG	TAA	1	2	pORF_+_3987790
mORF_+_3987935	3987935	3988162	+	2	228	TTG	TGA	0	0	

mORF+_3988054	3988054	3988107	+	1	54	TTG	TAA	0	0	
mORF+_3988089	3988089	3988130	+	3	42	ATG	TGA	0	0	
mORF+_3988114	3988114	3988290	+	1	177	GTG	TGA	0	0	
mORF+_3988155	3988155	3988454	+	3	300	GTG	TAG	0	0	
mORF+_3988196	3988196	3988249	+	2	54	TTG	TGA	0	0	
mORF+_3988385	3988385	3988402	+	2	18	TTG	TAA	0	0	
mORF+_3988458	3988458	3988727	+	3	270	TTG	TAG	0	0	
mORF+_3988517	3988517	3988549	+	2	33	TTG	TGA	0	0	
mORF+_3988546	3988546	3988722	+	1	177	TTG	TGA	0	0	
mORF+_3988550	3988550	3988609	+	2	60	GTG	TAA	0	0	
mORF+_3988697	3988697	3988774	+	2	78	ATG	TAA	0	0	
mORF+_3988729	3988729	3988860	+	1	132	GTG	TGA	0	0	
mORF+_3988761	3988761	3988826	+	3	66	GTG	TAA	0	0	
mORF+_3988832	3988832	3988843	+	2	12	TTG	TGA	0	0	
mORF+_3988854	3988854	3988886	+	3	33	GTG	TAA	0	0	
mORF+_3988888	3988888	3988911	+	1	24	ATG	TGA	0	0	
mORF+_3988901	3988901	3988933	+	2	33	GTG	TAA	0	0	
mORF+_3988958	3988958	3989017	+	2	60	GTG	TGA	0	0	
mORF+_3988971	3988971	3988976	+	3	6	ATG	TAG	0	0	
mORF+_3989014	3989014	3989028	+	1	15	TTG	TAG	0	0	
mORF+_3989043	3989043	3989090	+	3	48	GTG	TGA	0	0	
mORF+_3989071	3989071	3989127	+	1	57	GTG	TGA	0	0	
mORF+_3989087	3989087	3989200	+	2	114	TTG	TGA	0	0	
mORF+_3989115	3989115	3989150	+	3	36	GTG	TGA	0	0	
mORF+_3989176	3989176	3991722	+	1	2547	TTG	TGA	8	22	pORF+_3989176
mORF+_3989213	3989213	3989221	+	2	9	ATG	TAA	0	0	
mORF+_3989231	3989231	3989320	+	2	90	GTG	TAA	0	0	
mORF+_3989333	3989333	3989398	+	2	66	TTG	TGA	0	0	
mORF+_3989358	3989358	3989375	+	3	18	TTG	TGA	0	0	
mORF+_3989405	3989405	3989497	+	2	93	TTG	TAG	0	0	
mORF+_3989505	3989505	3989516	+	3	12	TTG	TGA	0	0	
mORF+_3989583	3989583	3989588	+	3	6	ATG	TAG	0	0	
mORF+_3989618	3989618	3989641	+	2	24	GTG	TGA	0	0	
mORF+_3989642	3989642	3989821	+	2	180	TTG	TGA	0	0	
mORF+_3989694	3989694	3989726	+	3	33	TTG	TGA	0	0	
mORF+_3989772	3989772	3989858	+	3	87	GTG	TGA	0	0	
mORF+_3989855	3989855	3989881	+	2	27	ATG	TAA	0	0	
mORF+_3989859	3989859	3989897	+	3	39	ATG	TGA	0	0	
mORF+_3989906	3989906	3989965	+	2	60	TTG	TGA	0	0	
mORF+_3989919	3989919	3990107	+	3	189	TTG	TGA	0	0	
mORF+_3990056	3990056	3990088	+	2	33	TTG	TGA	0	0	
mORF+_3990098	3990098	3990115	+	2	18	GTG	TGA	0	0	
mORF+_3990122	3990122	3990148	+	2	27	TTG	TAG	0	0	
mORF+_3990174	3990174	3990194	+	3	21	GTG	TGA	0	0	
mORF+_3990191	3990191	3990208	+	2	18	GTG	TAG	0	0	
mORF+_3990246	3990246	3990284	+	3	39	GTG	TAA	0	0	
mORF+_3990302	3990302	3990346	+	2	45	TTG	TGA	0	0	
mORF+_3990374	3990374	3990430	+	2	57	TTG	TGA	0	0	
mORF+_3990443	3990443	3990475	+	2	33	ATG	TGA	0	0	
mORF+_3990533	3990533	3990640	+	2	108	ATG	TGA	0	0	
mORF+_3990564	3990564	3990578	+	3	15	TTG	TAA	0	0	
mORF+_3990654	3990654	3990668	+	3	15	GTG	TAA	0	0	
mORF+_3990716	3990716	3990949	+	2	234	TTG	TAG	0	0	
mORF+_3990813	3990813	3990818	+	3	6	GTG	TGA	0	0	
mORF+_3990939	3990939	3990953	+	3	15	TTG	TAG	0	0	
mORF+_3990956	3990956	3991024	+	2	69	TTG	TGA	0	0	
mORF+_3990978	3990978	3991082	+	3	105	GTG	TAG	0	0	
mORF+_3991155	3991155	3991163	+	3	9	GTG	TGA	0	0	
mORF+_3991160	3991160	3991255	+	2	96	TTG	TGA	0	0	
mORF+_3991256	3991256	3991612	+	2	357	ATG	TGA	0	0	
mORF+_3991616	3991616	3991636	+	2	21	TTG	TGA	0	0	
mORF+_3991719	3991719	3991775	+	3	57	GTG	TGA	0	0	
mORF+_3991754	3991754	3991765	+	2	12	ATG	TAG	0	0	

mORF+_3991873	3991873	3992358	+	1	486	ATG	TAA	0	0	
mORF+_3991889	3991889	3992050	+	2	162	TTG	TGA	0	0	
mORF+_3991893	3991893	3991931	+	3	39	TTG	TGA	0	0	
mORF+_3992082	3992082	3992105	+	3	24	TTG	TGA	0	0	
mORF+_3992102	3992102	3992119	+	2	18	GTG	TAG	0	0	
mORF+_3992124	3992124	3992210	+	3	87	ATG	TAG	0	0	
mORF+_3992219	3992219	3992233	+	2	15	TTG	TAG	0	0	
mORF+_3992276	3992276	3992311	+	2	36	ATG	TGA	0	0	
mORF+_3992343	3992343	3992351	+	3	9	TTG	TAG	0	0	
mORF+_3992351	3992351	3992407	+	2	57	GTG	TAA	0	0	
mORF+_3992376	3992376	3992474	+	3	99	GTG	TAA	0	0	
mORF+_3992479	3992479	3992505	+	1	27	TTG	TGA	0	0	
mORF+_3992502	3992502	3992525	+	3	24	ATG	TGA	0	0	
mORF+_3992522	3992522	3992545	+	2	24	ATG	TAA	0	0	
mORF+_3992545	3992545	3992748	+	1	204	ATG	TAA	3	26	pORF+_3992545
mORF+_3992723	3992723	3992740	+	2	18	ATG	TGA	0	0	
mORF+_3992769	3992769	3992888	+	3	120	GTG	TGA	0	0	
mORF+_3992773	3992773	3992781	+	1	9	TTG	TAA	0	0	
mORF+_3992782	3992782	3993609	+	1	828	ATG	TGA	10	61	pORF+_3992782
mORF+_3992804	3992804	3992842	+	2	39	ATG	TAA	0	0	
mORF+_3992849	3992849	3992872	+	2	24	ATG	TGA	0	0	
mORF+_3992909	3992909	3993043	+	2	135	TTG	TGA	0	0	
mORF+_3993000	3993000	3993059	+	3	60	GTG	TAA	0	0	
mORF+_3993062	3993062	3993103	+	2	42	GTG	TGA	0	0	
mORF+_3993113	3993113	3993133	+	2	21	ATG	TAA	0	0	
mORF+_3993231	3993231	3993281	+	3	51	ATG	TGA	0	0	
mORF+_3993278	3993278	3993301	+	2	24	ATG	TAG	0	0	
mORF+_3993308	3993308	3993466	+	2	159	TTG	TAG	0	0	
mORF+_3993447	3993447	3993527	+	3	81	GTG	TGA	0	0	
mORF+_3993524	3993524	3993565	+	2	42	TTG	TGA	0	0	
mORF+_3993581	3993581	3993652	+	2	72	ATG	TGA	0	0	
mORF+_3993606	3993606	3994313	+	3	708	ATG	TGA	4	39	pORF+_3993606
mORF+_3993649	3993649	3993678	+	1	30	TTG	TGA	0	0	
mORF+_3993706	3993706	3993720	+	1	15	ATG	TAG	0	0	
mORF+_3993730	3993730	3993831	+	1	102	GTG	TGA	0	0	
mORF+_3993770	3993770	3993793	+	2	24	GTG	TAA	0	0	
mORF+_3993964	3993964	3994002	+	1	39	GTG	TAG	0	0	
mORF+_3994003	3994003	3994035	+	1	33	GTG	TAA	0	0	
mORF+_3994093	3994093	3994272	+	1	180	TTG	TGA	0	0	
mORF+_3994295	3994295	3994303	+	2	9	TTG	TGA	0	0	
mORF+_3994300	3994300	3994374	+	1	75	TTG	TAG	0	0	
mORF+_3994310	3994310	3995206	+	2	897	ATG	TAA	2	18	pORF+_3994310
mORF+_3994329	3994329	3994334	+	3	6	ATG	TAG	0	0	
mORF+_3994407	3994407	3994469	+	3	63	TTG	TGA	0	0	
mORF+_3994459	3994459	3994464	+	1	6	ATG	TGA	0	0	
mORF+_3994485	3994485	3994667	+	3	183	TTG	TGA	0	0	
mORF+_3994683	3994683	3994733	+	3	51	TTG	TGA	0	0	
mORF+_3994803	3994803	3994997	+	3	195	GTG	TAA	0	0	
mORF+_3994810	3994810	3994878	+	1	69	GTG	TGA	0	0	
mORF+_3994987	3994987	3995013	+	1	27	ATG	TAA	0	0	
mORF+_3995082	3995082	3995252	+	3	171	GTG	TGA	0	0	
mORF+_3995206	3995206	3995922	+	1	717	ATG	TAA	12	44	pORF+_3995206
mORF+_3995249	3995249	3995287	+	2	39	TTG	TGA	0	0	
mORF+_3995318	3995318	3995422	+	2	105	TTG	TGA	0	0	
mORF+_3995444	3995444	3995473	+	2	30	TTG	TGA	0	0	
mORF+_3995474	3995474	3995512	+	2	39	GTG	TGA	0	0	
mORF+_3995519	3995519	3995572	+	2	54	TTG	TAA	0	0	
mORF+_3995526	3995526	3995618	+	3	93	ATG	TAA	0	0	
mORF+_3995636	3995636	3995848	+	2	213	TTG	TGA	0	0	
mORF+_3995817	3995817	3998168	+	3	2352	TTG	TAA	9	20	pORF+_3995817
mORF+_3995965	3995965	3996144	+	1	180	TTG	TGA	1	2	pORF+_3995965
mORF+_3996260	3996260	3996355	+	2	96	GTG	TGA	0	0	
mORF+_3996301	3996301	3996384	+	1	84	GTG	TGA	0	0	

mORF_+_3996413	3996413	3996460	+	2	48	GTG	TGA	0	0	
mORF_+_3996457	3996457	3996735	+	1	279	ATG	TGA	0	0	
mORF_+_3996545	3996545	3996550	+	2	6	GTG	TGA	0	0	
mORF_+_3996602	3996602	3996610	+	2	9	GTG	TAA	0	0	
mORF_+_3996698	3996698	3996748	+	2	51	GTG	TGA	0	0	
mORF_+_3996745	3996745	3996876	+	1	132	GTG	TGA	0	0	
mORF_+_3996895	3996895	3997197	+	1	303	TTG	TGA	0	0	
mORF_+_3996929	3996929	3996952	+	2	24	GTG	TGA	0	0	
mORF_+_3996968	3996968	3996979	+	2	12	TTG	TAA	0	0	
mORF_+_3997052	3997052	3997228	+	2	177	GTG	TGA	0	0	
mORF_+_3997198	3997198	3997239	+	1	42	TTG	TGA	0	0	
mORF_+_3997258	3997258	3997311	+	1	54	TTG	TAA	0	0	
mORF_+_3997325	3997325	3997333	+	2	9	ATG	TGA	0	0	
mORF_+_3997330	3997330	3997398	+	1	69	GTG	TAA	0	0	
mORF_+_3997438	3997438	3997458	+	1	21	ATG	TAA	0	0	
mORF_+_3997486	3997486	3997533	+	1	48	ATG	TAG	0	0	
mORF_+_3997615	3997615	3997674	+	1	60	ATG	TGA	0	0	
mORF_+_3997723	3997723	3997815	+	1	93	TTG	TAA	0	0	
mORF_+_3997867	3997867	3997956	+	1	90	ATG	TAA	0	0	
mORF_+_3997922	3997922	3998044	+	2	123	GTG	TAA	0	0	
mORF_+_3998047	3998047	3998346	+	1	300	TTG	TGA	0	0	
mORF_+_3998129	3998129	3998245	+	2	117	ATG	TAG	0	0	
mORF_+_3998178	3998178	3998207	+	3	30	ATG	TAA	0	0	
mORF_+_3998340	3998340	3998357	+	3	18	ATG	TAG	0	0	
mORF_+_3998360	3998360	3998398	+	2	39	TTG	TGA	0	0	
mORF_+_3998371	3998371	3998520	+	1	150	TTG	TAA	1	8	pORF_+_3998371
mORF_+_3998403	3998403	3998417	+	3	15	GTG	TAA	0	0	
mORF_+_3998445	3998445	3998453	+	3	9	TTG	TAA	0	0	
mORF_+_3998510	3998510	3998548	+	2	39	ATG	TGA	0	0	
mORF_+_3998541	3998541	3998564	+	3	24	TTG	TGA	0	0	
mORF_+_3998545	3998545	3998577	+	1	33	TTG	TAA	0	0	
mORF_+_3998561	3998561	3998608	+	2	48	ATG	TGA	0	0	
mORF_+_3998599	3998599	3998643	+	1	45	TTG	TGA	0	0	
mORF_+_3998640	3998640	3998687	+	3	48	TTG	TAA	0	0	
mORF_+_3998766	3998766	3998789	+	3	24	ATG	TAG	0	0	
mORF_+_3998802	3998802	3998831	+	3	30	ATG	TGA	0	0	
mORF_+_3998861	3998861	3998866	+	2	6	ATG	TAA	0	0	
mORF_+_3998886	3998886	3998924	+	3	39	TTG	TGA	0	0	
mORF_+_3998894	3998894	3998965	+	2	72	TTG	TGA	0	0	
mORF_+_3998968	3998968	3999012	+	1	45	GTG	TGA	0	0	
mORF_+_3999009	3999009	3999071	+	3	63	GTG	TGA	0	0	
mORF_+_3999071	3999071	3999205	+	2	135	ATG	TAA	0	0	
mORF_+_3999094	3999094	3999183	+	1	90	GTG	TGA	0	0	
mORF_+_3999162	3999162	3999227	+	3	66	GTG	TAA	0	0	
mORF_+_3999241	3999241	3999297	+	1	57	TTG	TAA	0	0	
mORF_+_3999310	3999310	3999384	+	1	75	TTG	TGA	0	0	
mORF_+_3999329	3999329	3999376	+	2	48	TTG	TAA	0	0	
mORF_+_3999393	3999393	3999455	+	3	63	TTG	TGA	0	0	
mORF_+_3999401	3999401	3999430	+	2	30	GTG	TAA	0	0	
mORF_+_3999403	3999403	3999477	+	1	75	GTG	TAA	0	0	
mORF_+_3999434	3999434	4000399	+	2	966	TTG	TAA	16	54	pORF_+_3999434
mORF_+_3999516	3999516	3999521	+	3	6	TTG	TAA	0	0	
mORF_+_3999522	3999522	3999824	+	3	303	ATG	TAG	0	0	
mORF_+_3999529	3999529	3999537	+	1	9	ATG	TGA	0	0	
mORF_+_3999885	3999885	3999923	+	3	39	ATG	TGA	0	0	
mORF_+_3999954	3999954	4000025	+	3	72	ATG	TGA	0	0	
mORF_+_4000018	4000018	4000062	+	1	45	GTG	TAA	0	0	
mORF_+_4000077	4000077	4000160	+	3	84	GTG	TGA	0	0	
mORF_+_4000263	4000263	4000283	+	3	21	TTG	TGA	0	0	
mORF_+_4000287	4000287	4000307	+	3	21	TTG	TGA	0	0	
mORF_+_4000309	4000309	4000380	+	1	72	GTG	TAA	0	0	
mORF_+_4000412	4000412	4000420	+	2	9	GTG	TAG	0	0	
mORF_+_4000491	4000491	4000514	+	3	24	TTG	TAG	0	0	

mORF_+_4000536	4000536	4000667	+	3	132	ATG	TGA	0	0	
mORF_+_4000552	4000552	4000596	+	1	45	GTG	TAA	0	0	
mORF_+_4000597	4000597	4000656	+	1	60	TTG	TGA	0	0	
mORF_+_4000664	4000664	4000675	+	2	12	TTG	TAA	0	0	
mORF_+_4000679	4000679	4000693	+	2	15	TTG	TAA	0	0	
mORF_+_4000693	4000693	4000701	+	1	9	ATG	TAA	0	0	
mORF_+_4000702	4000702	4000767	+	1	66	ATG	TAA	0	0	
mORF_+_4000748	4000748	4000792	+	2	45	ATG	TAA	0	0	
mORF_+_4000792	4000792	4000824	+	1	33	ATG	TAA	0	0	
mORF_+_4000839	4000839	4000847	+	3	9	TTG	TGA	0	0	
mORF_+_4000844	4000844	4000858	+	2	15	TTG	TAG	0	0	
mORF_+_4000859	4000859	4000879	+	2	21	GTG	TGA	0	0	
mORF_+_4000882	4000882	4000893	+	1	12	GTG	TAA	0	0	
mORF_+_4000918	4000918	4000995	+	1	78	TTG	TAA	0	0	
mORF_+_4000949	4000949	4000954	+	2	6	TTG	TGA	0	0	
mORF_+_4000979	4000979	4001011	+	2	33	ATG	TGA	0	0	
mORF_+_4001008	4001008	4001058	+	1	51	ATG	TAA	0	0	
mORF_+_4001058	4001058	4001147	+	3	90	ATG	TAA	0	0	
mORF_+_4001068	4001068	4001166	+	1	99	ATG	TAA	0	0	
mORF_+_4001153	4001153	4001191	+	2	39	ATG	TAG	0	0	
mORF_+_4001192	4001192	4001203	+	2	12	ATG	TAA	0	0	
mORF_+_4001230	4001230	4001478	+	1	249	TTG	TAA	0	0	
mORF_+_4001234	4001234	4001338	+	2	105	ATG	TAA	0	0	
mORF_+_4001259	4001259	4001378	+	3	120	ATG	TAA	0	0	
mORF_+_4001459	4001459	4001626	+	2	168	ATG	TAA	0	0	
mORF_+_4001481	4001481	4001513	+	3	33	TTG	TAA	0	0	
mORF_+_4001581	4001581	4001601	+	1	21	TTG	TGA	0	0	
mORF_+_4001598	4001598	4001615	+	3	18	TTG	TAG	0	0	
mORF_+_4001628	4001628	4001726	+	3	99	TTG	TAA	0	0	
mORF_+_4001651	4001651	4001713	+	2	63	ATG	TAG	0	0	
mORF_+_4001674	4001674	4001754	+	1	81	TTG	TAG	0	0	
mORF_+_4001727	4001727	4001747	+	3	21	ATG	TAA	0	0	
mORF_+_4001815	4001815	4001940	+	1	126	TTG	TAG	0	0	
mORF_+_4001861	4001861	4001887	+	2	27	ATG	TAA	0	0	
mORF_+_4001915	4001915	4002001	+	2	87	TTG	TGA	0	0	
mORF_+_4001991	4001991	4002056	+	3	66	GTG	TAA	0	0	
mORF_+_4002035	4002035	4002109	+	2	75	ATG	TAG	0	0	
mORF_+_4002079	4002079	4002171	+	1	93	ATG	TAA	0	0	
mORF_+_4002119	4002119	4002154	+	2	36	TTG	TAA	0	0	
mORF_+_4002187	4002187	4002312	+	1	126	TTG	TAA	0	0	
mORF_+_4002192	4002192	4002227	+	3	36	TTG	TAA	0	0	
mORF_+_4002221	4002221	4002268	+	2	48	TTG	TAG	0	0	
mORF_+_4002269	4002269	4002292	+	2	24	GTG	TAA	0	0	
mORF_+_4002305	4002305	4002400	+	2	96	TTG	TAA	0	0	
mORF_+_4002416	4002416	4002583	+	2	168	ATG	TGA	0	0	
mORF_+_4002469	4002469	4002480	+	1	12	GTG	TAA	0	0	
mORF_+_4002541	4002541	4002684	+	1	144	GTG	TAA	0	0	
mORF_+_4002576	4002576	4002590	+	3	15	TTG	TAA	0	0	
mORF_+_4002600	4002600	4002650	+	3	51	GTG	TAA	0	0	
mORF_+_4002651	4002651	4002800	+	3	150	ATG	TAA	0	0	
mORF_+_4002656	4002656	4002661	+	2	6	ATG	TGA	0	0	
mORF_+_4002694	4002694	4002756	+	1	63	TTG	TGA	0	0	
mORF_+_4002761	4002761	4002790	+	2	30	ATG	TAG	0	0	
mORF_+_4002769	4002769	4002804	+	1	36	TTG	TAA	0	0	
mORF_+_4002810	4002810	4002827	+	3	18	ATG	TAA	0	0	
mORF_+_4002885	4002885	4003754	+	3	870	ATG	TGA	3	6	pORF_+_4002885
mORF_+_4002940	4002940	4002960	+	1	21	ATG	TGA	0	0	
mORF_+_4002970	4002970	4003089	+	1	120	ATG	TGA	0	0	
mORF_+_4003102	4003102	4003146	+	1	45	TTG	TAA	0	0	
mORF_+_4003175	4003175	4003252	+	2	78	GTG	TAG	0	0	
mORF_+_4003180	4003180	4003191	+	1	12	GTG	TAG	0	0	
mORF_+_4003210	4003210	4003431	+	1	222	GTG	TGA	0	0	
mORF_+_4003334	4003334	4003366	+	2	33	TTG	TAA	0	0	

mORF_+_4003469	4003469	4003486	+	2	18	GTG	TAA	0	0	
mORF_+_4003474	4003474	4003620	+	1	147	ATG	TAG	0	0	
mORF_+_4003645	4003645	4003740	+	1	96	ATG	TAA	0	0	
mORF_+_4003751	4003751	4003765	+	2	15	TTG	TGA	0	0	
mORF_+_4003762	4003762	4003884	+	1	123	TTG	TGA	0	0	
mORF_+_4003766	4003766	4003927	+	2	162	GTG	TAA	0	0	
mORF_+_4003770	4003770	4003817	+	3	48	TTG	TAA	0	0	
mORF_+_4003881	4003881	4005716	+	3	1836	GTG	TAG	1	2	pORF_+_4003881
mORF_+_4003885	4003885	4003908	+	1	24	ATG	TGA	0	0	
mORF_+_4003948	4003948	4004079	+	1	132	TTG	TAA	0	0	
mORF_+_4004012	4004012	4004173	+	2	162	TTG	TAA	0	0	
mORF_+_4004095	4004095	4004109	+	1	15	TTG	TGA	0	0	
mORF_+_4004200	4004200	4004208	+	1	9	TTG	TGA	0	0	
mORF_+_4004281	4004281	4004316	+	1	36	TTG	TAG	0	0	
mORF_+_4004320	4004320	4004427	+	1	108	TTG	TGA	0	0	
mORF_+_4004345	4004345	4004512	+	2	168	ATG	TGA	0	0	
mORF_+_4004509	4004509	4004538	+	1	30	TTG	TGA	0	0	
mORF_+_4004686	4004686	4005045	+	1	360	ATG	TGA	1	2	pORF_+_4004686
mORF_+_4004924	4004924	4005214	+	2	291	GTG	TAA	0	0	
mORF_+_4005052	4005052	4005165	+	1	114	TTG	TGA	0	0	
mORF_+_4005175	4005175	4005201	+	1	27	TTG	TGA	0	0	
mORF_+_4005205	4005205	4005252	+	1	48	GTG	TGA	0	0	
mORF_+_4005259	4005259	4005297	+	1	39	ATG	TGA	0	0	
mORF_+_4005290	4005290	4005481	+	2	192	TTG	TGA	0	0	
mORF_+_4005343	4005343	4005369	+	1	27	TTG	TGA	0	0	
mORF_+_4005415	4005415	4005525	+	1	111	TTG	TAG	0	0	
mORF_+_4005529	4005529	4005576	+	1	48	ATG	TGA	0	0	
mORF_+_4005577	4005577	4005681	+	1	105	TTG	TGA	0	0	
mORF_+_4005685	4005685	4005744	+	1	60	GTG	TGA	0	0	
mORF_+_4005741	4005741	4005755	+	3	15	ATG	TAA	0	0	
mORF_+_4005776	4005776	4005886	+	2	111	ATG	TAA	0	0	
mORF_+_4005780	4005780	4006400	+	3	621	ATG	TGA	0	0	
mORF_+_4005817	4005817	4005831	+	1	15	TTG	TGA	0	0	
mORF_+_4005853	4005853	4005897	+	1	45	TTG	TGA	0	0	
mORF_+_4005932	4005932	4006153	+	2	222	TTG	TAA	0	0	
mORF_+_4005943	4005943	4005966	+	1	24	TTG	TGA	0	0	
mORF_+_4006012	4006012	4006062	+	1	51	GTG	TGA	0	0	
mORF_+_4006111	4006111	4006128	+	1	18	GTG	TGA	0	0	
mORF_+_4006174	4006174	4006245	+	1	72	TTG	TGA	0	0	
mORF_+_4006249	4006249	4006386	+	1	138	TTG	TGA	0	0	
mORF_+_4006265	4006265	4006342	+	2	78	GTG	TGA	0	0	
mORF_+_4006397	4006397	4006423	+	2	27	GTG	TAA	0	0	
mORF_+_4006468	4006468	4006485	+	1	18	ATG	TAA	0	0	
mORF_+_4006479	4006479	4006505	+	3	27	ATG	TAA	0	0	
mORF_+_4006545	4006545	4006556	+	3	12	TTG	TAA	0	0	
mORF_+_4006573	4006573	4006689	+	1	117	TTG	TAG	0	0	
mORF_+_4006583	4006583	4006591	+	2	9	GTG	TAA	0	0	
mORF_+_4006622	4006622	4006768	+	2	147	GTG	TGA	0	0	
mORF_+_4006753	4006753	4006881	+	1	129	ATG	TGA	0	0	
mORF_+_4006794	4006794	4006958	+	3	165	TTG	TAG	0	0	
mORF_+_4006924	4006924	4007037	+	1	114	ATG	TAA	0	0	
mORF_+_4006985	4006985	4007059	+	2	75	TTG	TAG	0	0	
mORF_+_4007010	4007010	4007042	+	3	33	TTG	TGA	0	0	
mORF_+_4007046	4007046	4007084	+	3	39	ATG	TGA	0	0	
mORF_+_4007081	4007081	4007266	+	2	186	ATG	TGA	0	0	
mORF_+_4007095	4007095	4007262	+	1	168	GTG	TGA	0	0	
mORF_+_4007097	4007097	4007153	+	3	57	GTG	TAA	0	0	
mORF_+_4007169	4007169	4007177	+	3	9	GTG	TAA	0	0	
mORF_+_4007193	4007193	4008215	+	3	1023	ATG	TAA	2	5	pORF_+_4007193
mORF_+_4007281	4007281	4007364	+	1	84	GTG	TAG	0	0	
mORF_+_4007383	4007383	4007397	+	1	15	TTG	TAA	0	0	
mORF_+_4007401	4007401	4007448	+	1	48	ATG	TAA	0	0	
mORF_+_4007509	4007509	4007676	+	1	168	ATG	TAA	0	0	

mORF_+_4007579	4007579	4007587	+	2	9	GTG	TAA	0	0	
mORF_+_4007657	4007657	4007662	+	2	6	ATG	TGA	0	0	
mORF_+_4007689	4007689	4007700	+	1	12	TTG	TGA	0	0	
mORF_+_4007764	4007764	4007781	+	1	18	GTG	TAG	0	0	
mORF_+_4007809	4007809	4007826	+	1	18	TTG	TGA	0	0	
mORF_+_4007866	4007866	4007949	+	1	84	ATG	TAG	0	0	
mORF_+_4007909	4007909	4007962	+	2	54	TTG	TGA	0	0	
mORF_+_4007953	4007953	4008090	+	1	138	GTG	TAA	0	0	
mORF_+_4008035	4008035	4008040	+	2	6	TTG	TGA	0	0	
mORF_+_4008097	4008097	4009023	+	1	927	GTG	TAA	18	52	pORF_+_4008097
mORF_+_4008233	4008233	4008250	+	2	18	TTG	TAG	0	0	
mORF_+_4008251	4008251	4008307	+	2	57	ATG	TGA	0	0	
mORF_+_4008335	4008335	4008409	+	2	75	TTG	TGA	0	0	
mORF_+_4008419	4008419	4008454	+	2	36	ATG	TGA	0	0	
mORF_+_4008458	4008458	4008505	+	2	48	TTG	TAG	0	0	
mORF_+_4008552	4008552	4008596	+	3	45	ATG	TAA	0	0	
mORF_+_4008614	4008614	4008760	+	2	147	ATG	TAA	0	0	
mORF_+_4008723	4008723	4008863	+	3	141	TTG	TGA	0	0	
mORF_+_4008800	4008800	4008841	+	2	42	ATG	TGA	0	0	
mORF_+_4008851	4008851	4008871	+	2	21	TTG	TGA	0	0	
mORF_+_4008920	4008920	4008937	+	2	18	GTG	TGA	0	0	
mORF_+_4008965	4008965	4009054	+	2	90	TTG	TGA	0	0	
mORF_+_4009035	4009035	4009145	+	3	111	TTG	TAG	0	0	
mORF_+_4009067	4009067	4009081	+	2	15	ATG	TAA	0	0	
mORF_+_4009097	4009097	4009261	+	2	165	TTG	TGA	0	0	
mORF_+_4009099	4009099	4009998	+	1	900	GTG	TAA	0	0	
mORF_+_4009301	4009301	4009309	+	2	9	TTG	TGA	0	0	
mORF_+_4009403	4009403	4009414	+	2	12	ATG	TGA	0	0	
mORF_+_4009439	4009439	4009465	+	2	27	ATG	TGA	0	0	
mORF_+_4009466	4009466	4009582	+	2	117	TTG	TGA	0	0	
mORF_+_4009616	4009616	4009654	+	2	39	TTG	TGA	0	0	
mORF_+_4009620	4009620	4009814	+	3	195	GTG	TAA	0	0	
mORF_+_4009655	4009655	4009810	+	2	156	TTG	TGA	0	0	
mORF_+_4009917	4009917	4009931	+	3	15	GTG	TAA	0	0	
mORF_+_4009932	4009932	4009967	+	3	36	GTG	TGA	0	0	
mORF_+_4009964	4009964	4009990	+	2	27	ATG	TGA	0	0	
mORF_+_4009980	4009980	4010018	+	3	39	TTG	TGA	0	0	
mORF_+_4010079	4010079	4010165	+	3	87	TTG	TGA	0	0	
mORF_+_4010123	4010123	4010131	+	2	9	ATG	TAG	0	0	
mORF_+_4010178	4010178	4010222	+	3	45	GTG	TGA	0	0	
mORF_+_4010197	4010197	4010208	+	1	12	GTG	TGA	0	0	
mORF_+_4010228	4010228	4010272	+	2	45	ATG	TAA	0	0	
mORF_+_4010299	4010299	4010304	+	1	6	GTG	TAA	0	0	
mORF_+_4010323	4010323	4010475	+	1	153	GTG	TAA	0	0	
mORF_+_4010327	4010327	4010341	+	2	15	ATG	TAA	0	0	
mORF_+_4010378	4010378	4010518	+	2	141	ATG	TAA	0	0	
mORF_+_4010524	4010524	4010613	+	1	90	GTG	TAA	0	0	
mORF_+_4010546	4010546	4010674	+	2	129	ATG	TAG	0	0	
mORF_+_4010556	4010556	4010738	+	3	183	ATG	TGA	0	0	
mORF_+_4010632	4010632	4010667	+	1	36	TTG	TAA	0	0	
mORF_+_4010714	4010714	4010812	+	2	99	TTG	TAG	0	0	
mORF_+_4010822	4010822	4010866	+	2	45	GTG	TAA	0	0	
mORF_+_4010838	4010838	4010891	+	3	54	ATG	TAA	0	0	
mORF_+_4010901	4010901	4010912	+	3	12	ATG	TAA	0	0	
mORF_+_4010905	4010905	4010928	+	1	24	ATG	TAA	0	0	
mORF_+_4010950	4010950	4011060	+	1	111	ATG	TAA	0	0	
mORF_+_4010958	4010958	4010996	+	3	39	TTG	TAA	0	0	
mORF_+_4011017	4011017	4011064	+	2	48	TTG	TAG	0	0	
mORF_+_4011076	4011076	4013337	+	1	2262	ATG	TAA	310	16681	pORF_+_4011076
mORF_+_4011113	4011113	4011133	+	2	21	TTG	TGA	0	0	
mORF_+_4011153	4011153	4011176	+	3	24	TTG	TGA	0	0	
mORF_+_4011173	4011173	4011193	+	2	21	GTG	TAG	0	0	
mORF_+_4011197	4011197	4011289	+	2	93	GTG	TGA	0	0	

mORF_+_4011338	4011338	4011349	+	2	12	ATG	TAG	0	0	
mORF_+_4011371	4011371	4011421	+	2	51	TTG	TGA	0	0	
mORF_+_4011426	4011426	4011434	+	3	9	ATG	TAA	0	0	
mORF_+_4011579	4011579	4011602	+	3	24	GTG	TGA	0	0	
mORF_+_4011599	4011599	4011619	+	2	21	GTG	TGA	0	0	
mORF_+_4011687	4011687	4011701	+	3	15	GTG	TGA	0	0	
mORF_+_4011698	4011698	4011784	+	2	87	TTG	TGA	0	0	
mORF_+_4011735	4011735	4011809	+	3	75	GTG	TGA	0	0	
mORF_+_4011806	4011806	4011817	+	2	12	TTG	TAA	0	0	
mORF_+_4011863	4011863	4011946	+	2	84	ATG	TGA	0	0	
mORF_+_4011950	4011950	4012072	+	2	123	ATG	TGA	0	0	
mORF_+_4012026	4012026	4012091	+	3	66	GTG	TGA	0	0	
mORF_+_4012088	4012088	4012102	+	2	15	TTG	TGA	0	0	
mORF_+_4012112	4012112	4012165	+	2	54	TTG	TGA	0	0	
mORF_+_4012131	4012131	4012139	+	3	9	ATG	TGA	0	0	
mORF_+_4012169	4012169	4012252	+	2	84	GTG	TAG	0	0	
mORF_+_4012194	4012194	4012241	+	3	48	GTG	TAA	0	0	
mORF_+_4012292	4012292	4012627	+	2	336	GTG	TGA	1	2	pORF_+_4012292
mORF_+_4012350	4012350	4012487	+	3	138	GTG	TGA	0	0	
mORF_+_4012596	4012596	4012649	+	3	54	TTG	TGA	0	0	
mORF_+_4012637	4012637	4012705	+	2	69	TTG	TGA	0	0	
mORF_+_4012680	4012680	4012772	+	3	93	GTG	TGA	0	0	
mORF_+_4012769	4012769	4012942	+	2	174	GTG	TAG	0	0	
mORF_+_4012932	4012932	4012979	+	3	48	GTG	TGA	0	0	
mORF_+_4012976	4012976	4013200	+	2	225	ATG	TGA	0	0	
mORF_+_4013001	4013001	4013108	+	3	108	GTG	TGA	0	0	
mORF_+_4013181	4013181	4013189	+	3	9	ATG	TGA	0	0	
mORF_+_4013235	4013235	4013408	+	3	174	GTG	TAA	0	0	
mORF_+_4013252	4013252	4013260	+	2	9	GTG	TGA	0	0	
mORF_+_4013350	4013350	4013598	+	1	249	GTG	TAA	0	0	
mORF_+_4013445	4013445	4013480	+	3	36	ATG	TGA	0	0	
mORF_+_4013477	4013477	4013587	+	2	111	TTG	TGA	0	0	
mORF_+_4013481	4013481	4013510	+	3	30	ATG	TAA	0	0	
mORF_+_4013625	4013625	4013738	+	3	114	TTG	TGA	0	0	
mORF_+_4013641	4013641	4013652	+	1	12	TTG	TGA	0	0	
mORF_+_4013663	4013663	4013779	+	2	117	TTG	TGA	0	0	
mORF_+_4013716	4013716	4013772	+	1	57	ATG	TAA	0	0	
mORF_+_4013776	4013776	4014084	+	1	309	ATG	TGA	0	0	
mORF_+_4013792	4013792	4013818	+	2	27	TTG	TGA	0	0	
mORF_+_4013853	4013853	4013870	+	3	18	TTG	TAA	0	0	
mORF_+_4013876	4013876	4013920	+	2	45	GTG	TAA	0	0	
mORF_+_4013928	4013928	4013936	+	3	9	GTG	TAG	0	0	
mORF_+_4013969	4013969	4014061	+	2	93	ATG	TAA	0	0	
mORF_+_4014027	4014027	4014092	+	3	66	GTG	TAG	0	0	
mORF_+_4014068	4014068	4014130	+	2	63	ATG	TGA	0	0	
mORF_+_4014134	4014134	4014214	+	2	81	ATG	TAA	0	0	
mORF_+_4014153	4014153	4014233	+	3	81	ATG	TAA	0	0	
mORF_+_4014175	4014175	4014267	+	1	93	TTG	TGA	0	0	
mORF_+_4014227	4014227	4014301	+	2	75	ATG	TGA	0	0	
mORF_+_4014283	4014283	4014369	+	1	87	ATG	TGA	0	0	
mORF_+_4014305	4014305	4014340	+	2	36	GTG	TAA	0	0	
mORF_+_4014312	4014312	4014317	+	3	6	ATG	TGA	0	0	
mORF_+_4014330	4014330	4014392	+	3	63	TTG	TAA	0	0	
mORF_+_4014356	4014356	4014430	+	2	75	TTG	TAA	0	0	
mORF_+_4014406	4014406	4014426	+	1	21	GTG	TGA	0	0	
mORF_+_4014414	4014414	4014467	+	3	54	TTG	TGA	0	0	
mORF_+_4014448	4014448	4015215	+	1	768	TTG	TAA	44	780	pORF_+_4014448
mORF_+_4014467	4014467	4014565	+	2	99	ATG	TGA	0	0	
mORF_+_4014614	4014614	4014919	+	2	306	GTG	TGA	0	0	
mORF_+_4014858	4014858	4014878	+	3	21	ATG	TGA	0	0	
mORF_+_4015011	4015011	4015040	+	3	30	GTG	TGA	0	0	
mORF_+_4015037	4015037	4015063	+	2	27	ATG	TGA	0	0	
mORF_+_4015068	4015068	4015118	+	3	51	GTG	TAA	0	0	

mORF_+_4015070	4015070	4015102	+	2	33	GTG	TAG	0	0	
mORF_+_4015106	4015106	4015156	+	2	51	GTG	TGA	0	0	
mORF_+_4015172	4015172	4015180	+	2	9	ATG	TGA	0	0	
mORF_+_4015254	4015254	4015334	+	3	81	TTG	TAA	0	0	
mORF_+_4015262	4015262	4015465	+	2	204	TTG	TGA	0	0	
mORF_+_4015303	4015303	4015461	+	1	159	TTG	TAG	0	0	
mORF_+_4015356	4015356	4016783	+	3	1428	GTG	TAG	3	4	pORF_+_4015356
mORF_+_4015468	4015468	4015491	+	1	24	GTG	TAA	0	0	
mORF_+_4015531	4015531	4015614	+	1	84	GTG	TAA	0	0	
mORF_+_4015538	4015538	4015555	+	2	18	GTG	TAA	0	0	
mORF_+_4015642	4015642	4015668	+	1	27	ATG	TGA	0	0	
mORF_+_4015690	4015690	4015770	+	1	81	GTG	TGA	0	0	
mORF_+_4015792	4015792	4015866	+	1	75	GTG	TGA	0	0	
mORF_+_4016014	4016014	4016118	+	1	105	GTG	TGA	0	0	
mORF_+_4016146	4016146	4016292	+	1	147	ATG	TGA	0	0	
mORF_+_4016305	4016305	4016349	+	1	45	TTG	TGA	0	0	
mORF_+_4016429	4016429	4016440	+	2	12	GTG	TGA	0	0	
mORF_+_4016437	4016437	4016577	+	1	141	ATG	TGA	0	0	
mORF_+_4016602	4016602	4016637	+	1	36	ATG	TAG	0	0	
mORF_+_4016695	4016695	4016862	+	1	168	ATG	TGA	0	0	
mORF_+_4016859	4016859	4016876	+	3	18	TTG	TGA	0	0	
mORF_+_4016873	4016873	4016995	+	2	123	TTG	TGA	0	0	
mORF_+_4016878	4016878	4017633	+	1	756	ATG	TGA	36	437	pORF_+_4016878
mORF_+_4016996	4016996	4017004	+	2	9	ATG	TGA	0	0	
mORF_+_4017011	4017011	4017109	+	2	99	TTG	TGA	0	0	
mORF_+_4017027	4017027	4017047	+	3	21	GTG	TGA	0	0	
mORF_+_4017048	4017048	4017161	+	3	114	TTG	TGA	0	0	
mORF_+_4017155	4017155	4017217	+	2	63	TTG	TGA	0	0	
mORF_+_4017218	4017218	4017358	+	2	141	TTG	TGA	0	0	
mORF_+_4017282	4017282	4017311	+	3	30	TTG	TAA	0	0	
mORF_+_4017383	4017383	4017415	+	2	33	TTG	TGA	0	0	
mORF_+_4017425	4017425	4017541	+	2	117	ATG	TGA	0	0	
mORF_+_4017557	4017557	4017592	+	2	36	ATG	TGA	0	0	
mORF_+_4017602	4017602	4018252	+	2	651	TTG	TGA	3	22	pORF_+_4017602
mORF_+_4017678	4017678	4017722	+	3	45	TTG	TGA	0	0	
mORF_+_4017816	4017816	4017917	+	3	102	TTG	TGA	0	0	
mORF_+_4017832	4017832	4017849	+	1	18	ATG	TGA	0	0	
mORF_+_4017924	4017924	4018220	+	3	297	GTG	TGA	0	0	
mORF_+_4018138	4018138	4018164	+	1	27	GTG	TGA	0	0	
mORF_+_4018249	4018249	4019889	+	1	1641	ATG	TGA	1	3	pORF_+_4018249
mORF_+_4018259	4018259	4018300	+	2	42	GTG	TAA	0	0	
mORF_+_4018310	4018310	4018321	+	2	12	TTG	TGA	0	0	
mORF_+_4018356	4018356	4018394	+	3	39	ATG	TAA	0	0	
mORF_+_4018409	4018409	4018603	+	2	195	GTG	TAG	0	0	
mORF_+_4018449	4018449	4018550	+	3	102	TTG	TGA	0	0	
mORF_+_4018608	4018608	4018616	+	3	9	GTG	TGA	0	0	
mORF_+_4018613	4018613	4018678	+	2	66	TTG	TGA	0	0	
mORF_+_4018685	4018685	4018702	+	2	18	ATG	TGA	0	0	
mORF_+_4018796	4018796	4018849	+	2	54	ATG	TGA	0	0	
mORF_+_4018850	4018850	4018861	+	2	12	TTG	TGA	0	0	
mORF_+_4018907	4018907	4018969	+	2	63	TTG	TGA	0	0	
mORF_+_4018953	4018953	4018958	+	3	6	TTG	TAG	0	0	
mORF_+_4019006	4019006	4019041	+	2	36	ATG	TGA	0	0	
mORF_+_4019105	4019105	4019137	+	2	33	ATG	TAA	0	0	
mORF_+_4019141	4019141	4019200	+	2	60	ATG	TAA	0	0	
mORF_+_4019178	4019178	4019213	+	3	36	TTG	TAA	0	0	
mORF_+_4019315	4019315	4019404	+	2	90	TTG	TAA	0	0	
mORF_+_4019523	4019523	4019561	+	3	39	ATG	TAA	0	0	
mORF_+_4019690	4019690	4019776	+	2	87	GTG	TAG	0	0	
mORF_+_4019783	4019783	4019824	+	2	42	GTG	TGA	0	0	
mORF_+_4019814	4019814	4020086	+	3	273	ATG	TAA	0	0	
mORF_+_4019846	4019846	4019854	+	2	9	GTG	TGA	0	0	
mORF_+_4019864	4019864	4019926	+	2	63	TTG	TAA	0	0	

mORF_+_4019914	4019914	4019919	+	1	6	GTG	TAA	0	0	
mORF_+_4019926	4019926	4020237	+	1	312	ATG	TAA	23	128	pORF_+_4019926
mORF_+_4019972	4019972	4019998	+	2	27	GTG	TGA	0	0	
mORF_+_4020002	4020002	4020097	+	2	96	TTG	TGA	0	0	
mORF_+_4020101	4020101	4020328	+	2	228	ATG	TAA	0	0	
mORF_+_4020241	4020241	4020756	+	1	516	GTG	TAA	7	24	pORF_+_4020241
mORF_+_4020437	4020437	4020463	+	2	27	TTG	TGA	0	0	
mORF_+_4020488	4020488	4020517	+	2	30	ATG	TGA	0	0	
mORF_+_4020530	4020530	4020589	+	2	60	TTG	TGA	0	0	
mORF_+_4020596	4020596	4020619	+	2	24	ATG	TAA	0	0	
mORF_+_4020743	4020743	4020802	+	2	60	GTG	TGA	0	0	
mORF_+_4020759	4020759	4021535	+	3	777	ATG	TAA	0	0	
mORF_+_4020799	4020799	4020822	+	1	24	TTG	TGA	0	0	
mORF_+_4020854	4020854	4020877	+	2	24	GTG	TGA	0	0	
mORF_+_4020874	4020874	4020906	+	1	33	ATG	TGA	0	0	
mORF_+_4021031	4021031	4021060	+	2	30	GTG	TAA	0	0	
mORF_+_4021063	4021063	4021224	+	1	162	ATG	TAA	0	0	
mORF_+_4021252	4021252	4021278	+	1	27	TTG	TAG	0	0	
mORF_+_4021282	4021282	4021380	+	1	99	TTG	TGA	0	0	
mORF_+_4021292	4021292	4021438	+	2	147	GTG	TGA	0	0	
mORF_+_4021390	4021390	4021584	+	1	195	ATG	TGA	0	0	
mORF_+_4021565	4021565	4022359	+	2	795	ATG	TAG	0	0	
mORF_+_4021581	4021581	4021601	+	3	21	TTG	TGA	0	0	
mORF_+_4021614	4021614	4021640	+	3	27	TTG	TAG	0	0	
mORF_+_4021642	4021642	4021653	+	1	12	GTG	TGA	0	0	
mORF_+_4021650	4021650	4021937	+	3	288	TTG	TAA	0	0	
mORF_+_4021741	4021741	4021797	+	1	57	TTG	TGA	0	0	
mORF_+_4021849	4021849	4021866	+	1	18	ATG	TAA	0	0	
mORF_+_4021965	4021965	4021985	+	3	21	ATG	TGA	0	0	
mORF_+_4021999	4021999	4022010	+	1	12	GTG	TAA	0	0	
mORF_+_4022019	4022019	4022153	+	3	135	GTG	TGA	0	0	
mORF_+_4022032	4022032	4022115	+	1	84	TTG	TGA	0	0	
mORF_+_4022184	4022184	4022396	+	3	213	ATG	TAA	0	0	
mORF_+_4022302	4022302	4022328	+	1	27	ATG	TAA	0	0	
mORF_+_4022363	4022363	4022467	+	2	105	TTG	TGA	0	0	
mORF_+_4022389	4022389	4022424	+	1	36	GTG	TAG	0	0	
mORF_+_4022520	4022520	4022570	+	3	51	TTG	TAA	0	0	
mORF_+_4022534	4022534	4022563	+	2	30	ATG	TGA	0	0	
mORF_+_4022563	4022563	4022829	+	1	267	ATG	TAA	0	0	
mORF_+_4022577	4022577	4022621	+	3	45	ATG	TGA	0	0	
mORF_+_4022636	4022636	4022653	+	2	18	TTG	TGA	0	0	
mORF_+_4022687	4022687	4022803	+	2	117	TTG	TGA	0	0	
mORF_+_4022697	4022697	4022708	+	3	12	ATG	TGA	0	0	
mORF_+_4022754	4022754	4022846	+	3	93	GTG	TAA	0	0	
mORF_+_4022816	4022816	4022881	+	2	66	TTG	TAG	0	0	
mORF_+_4022839	4022839	4022898	+	1	60	TTG	TAA	0	0	
mORF_+_4022918	4022918	4023001	+	2	84	TTG	TAA	0	0	
mORF_+_4022973	4022973	4022987	+	3	15	ATG	TAA	0	0	
mORF_+_4023011	4023011	4024504	+	2	1494	ATG	TGA	24	95	pORF_+_4023011
mORF_+_4023057	4023057	4023077	+	3	21	TTG	TAA	0	0	
mORF_+_4023123	4023123	4023296	+	3	174	TTG	TGA	0	0	
mORF_+_4023199	4023199	4023270	+	1	72	GTG	TGA	0	0	
mORF_+_4023333	4023333	4023365	+	3	33	TTG	TGA	0	0	
mORF_+_4023387	4023387	4023455	+	3	69	GTG	TGA	0	0	
mORF_+_4023471	4023471	4023485	+	3	15	ATG	TGA	0	0	
mORF_+_4023561	4023561	4023578	+	3	18	TTG	TGA	0	0	
mORF_+_4023625	4023625	4023795	+	1	171	GTG	TGA	0	0	
mORF_+_4023630	4023630	4023779	+	3	150	GTG	TGA	0	0	
mORF_+_4023792	4023792	4023929	+	3	138	ATG	TGA	0	0	
mORF_+_4023945	4023945	4024019	+	3	75	GTG	TGA	0	0	
mORF_+_4024029	4024029	4024112	+	3	84	TTG	TAG	0	0	
mORF_+_4024200	4024200	4024205	+	3	6	TTG	TGA	0	0	
mORF_+_4024210	4024210	4024218	+	1	9	TTG	TGA	0	0	

mORF_+_4024215	4024215	4024250	+	3	36	ATG	TGA	0	0	
mORF_+_4024252	4024252	4024317	+	1	66	TTG	TGA	0	0	
mORF_+_4024314	4024314	4024553	+	3	240	TTG	TGA	0	0	
mORF_+_4024384	4024384	4024407	+	1	24	ATG	TGA	0	0	
mORF_+_4024408	4024408	4024455	+	1	48	ATG	TGA	0	0	
mORF_+_4024504	4024504	4024569	+	1	66	ATG	TAA	0	0	
mORF_+_4024517	4024517	4025251	+	2	735	TTG	TGA	15	43	pORF_+_4024517
mORF_+_4024608	4024608	4024661	+	3	54	GTG	TGA	0	0	
mORF_+_4024674	4024674	4024868	+	3	195	ATG	TGA	0	0	
mORF_+_4024837	4024837	4024851	+	1	15	GTG	TGA	0	0	
mORF_+_4024875	4024875	4024919	+	3	45	TTG	TGA	0	0	
mORF_+_4024944	4024944	4025021	+	3	78	GTG	TGA	0	0	
mORF_+_4025052	4025052	4025099	+	3	48	TTG	TAA	0	0	
mORF_+_4025136	4025136	4025258	+	3	123	ATG	TAA	0	0	
mORF_+_4025191	4025191	4025199	+	1	9	TTG	TGA	0	0	
mORF_+_4025309	4025309	4025386	+	2	78	GTG	TAG	0	0	
mORF_+_4025343	4025343	4025441	+	3	99	ATG	TGA	0	0	
mORF_+_4025350	4025350	4025448	+	1	99	ATG	TGA	0	0	
mORF_+_4025438	4025438	4025539	+	2	102	ATG	TGA	0	0	
mORF_+_4025448	4025448	4025546	+	3	99	ATG	TGA	0	0	
mORF_+_4025536	4025536	4025595	+	1	60	ATG	TAG	0	0	
mORF_+_4025546	4025546	4025635	+	2	90	ATG	TAA	0	0	
mORF_+_4025628	4025628	4025741	+	3	114	GTG	TGA	0	0	
mORF_+_4025708	4025708	4025770	+	2	63	TTG	TGA	0	0	
mORF_+_4025767	4025767	4025826	+	1	60	ATG	TAG	0	0	
mORF_+_4025792	4025792	4025953	+	2	162	TTG	TAA	0	0	
mORF_+_4025844	4025844	4025960	+	3	117	ATG	TAA	0	0	
mORF_+_4025964	4025964	4026014	+	3	51	ATG	TAA	0	0	
mORF_+_4026025	4026025	4026282	+	1	258	ATG	TGA	0	0	
mORF_+_4026053	4026053	4026181	+	2	129	ATG	TAA	0	0	
mORF_+_4026075	4026075	4026185	+	3	111	GTG	TAA	0	0	
mORF_+_4026227	4026227	4026400	+	2	174	ATG	TGA	0	0	
mORF_+_4026243	4026243	4026317	+	3	75	ATG	TGA	0	0	
mORF_+_4026322	4026322	4026351	+	1	30	GTG	TAA	0	0	
mORF_+_4026397	4026397	4026519	+	1	123	GTG	TGA	0	0	
mORF_+_4026459	4026459	4026482	+	3	24	ATG	TGA	0	0	
mORF_+_4026479	4026479	4026637	+	2	159	ATG	TAA	0	0	
mORF_+_4026489	4026489	4026536	+	3	48	GTG	TAA	0	0	
mORF_+_4026556	4026556	4026696	+	1	141	GTG	TAA	0	0	
mORF_+_4026558	4026558	4026599	+	3	42	GTG	TAA	0	0	
mORF_+_4026697	4026697	4027710	+	1	1014	ATG	TGA	0	0	
mORF_+_4026761	4026761	4026808	+	2	48	GTG	TAA	0	0	
mORF_+_4026768	4026768	4026782	+	3	15	TTG	TGA	0	0	
mORF_+_4026795	4026795	4026800	+	3	6	TTG	TGA	0	0	
mORF_+_4026933	4026933	4027055	+	3	123	GTG	TAA	0	0	
mORF_+_4026965	4026965	4027018	+	2	54	GTG	TAG	0	0	
mORF_+_4027046	4027046	4027222	+	2	177	GTG	TAA	0	0	
mORF_+_4027259	4027259	4027294	+	2	36	TTG	TAA	0	0	
mORF_+_4027328	4027328	4027339	+	2	12	ATG	TGA	0	0	
mORF_+_4027358	4027358	4027837	+	2	480	ATG	TAG	0	0	
mORF_+_4027380	4027380	4027466	+	3	87	ATG	TGA	0	0	
mORF_+_4027707	4027707	4027718	+	3	12	TTG	TAG	0	0	
mORF_+_4027747	4027747	4027950	+	1	204	TTG	TAA	0	0	
mORF_+_4027845	4027845	4027964	+	3	120	TTG	TGA	0	0	
mORF_+_4027856	4027856	4028008	+	2	153	GTG	TAA	0	0	
mORF_+_4028012	4028012	4028107	+	2	96	ATG	TGA	0	0	
mORF_+_4028104	4028104	4028187	+	1	84	TTG	TAA	0	0	
mORF_+_4028120	4028120	4028254	+	2	135	ATG	TAA	0	0	
mORF_+_4028130	4028130	4028240	+	3	111	GTG	TGA	0	0	
mORF_+_4028254	4028254	4028331	+	1	78	ATG	TAG	0	0	
mORF_+_4028271	4028271	4028288	+	3	18	GTG	TAG	0	0	
mORF_+_4028291	4028291	4028350	+	2	60	ATG	TGA	0	0	
mORF_+_4028331	4028331	4028381	+	3	51	GTG	TAA	0	0	

mORF_+_4028381	4028381	4028467	+	2	87	ATG	TGA	0	0	
mORF_+_4028403	4028403	4028432	+	3	30	TTG	TGA	0	0	
mORF_+_4028495	4028495	4028620	+	2	126	ATG	TAA	0	0	
mORF_+_4028529	4028529	4028564	+	3	36	GTG	TGA	0	0	
mORF_+_4028666	4028666	4028740	+	2	75	TTG	TGA	0	0	
mORF_+_4028728	4028728	4028745	+	1	18	GTG	TAA	0	0	
mORF_+_4028783	4028783	4028989	+	2	207	GTG	TAA	0	0	
mORF_+_4028848	4028848	4028916	+	1	69	TTG	TGA	0	0	
mORF_+_4028993	4028993	4029007	+	2	15	ATG	TGA	0	0	
mORF_+_4029017	4029017	4029100	+	2	84	GTG	TGA	0	0	
mORF_+_4029045	4029045	4029062	+	3	18	GTG	TAA	0	0	
mORF_+_4029067	4029067	4029084	+	1	18	ATG	TAA	0	0	
mORF_+_4029128	4029128	4029220	+	2	93	ATG	TAG	0	0	
mORF_+_4029135	4029135	4029143	+	3	9	ATG	TAA	0	0	
mORF_+_4029145	4029145	4029180	+	1	36	ATG	TAA	0	0	
mORF_+_4029184	4029184	4030515	+	1	1332	ATG	TGA	48	314	pORF_+_4029184
mORF_+_4029245	4029245	4029340	+	2	96	ATG	TGA	0	0	
mORF_+_4029357	4029357	4029443	+	3	87	GTG	TGA	0	0	
mORF_+_4029401	4029401	4029409	+	2	9	ATG	TGA	0	0	
mORF_+_4029440	4029440	4029502	+	2	63	TTG	TGA	0	0	
mORF_+_4029521	4029521	4029760	+	2	240	ATG	TGA	0	0	
mORF_+_4029779	4029779	4029790	+	2	12	TTG	TGA	0	0	
mORF_+_4029806	4029806	4029958	+	2	153	GTG	TGA	0	0	
mORF_+_4029980	4029980	4030006	+	2	27	GTG	TGA	0	0	
mORF_+_4030016	4030016	4030036	+	2	21	ATG	TGA	0	0	
mORF_+_4030064	4030064	4030138	+	2	75	ATG	TGA	0	0	
mORF_+_4030139	4030139	4030327	+	2	189	GTG	TAA	0	0	
mORF_+_4030371	4030371	4030379	+	3	9	GTG	TGA	0	0	
mORF_+_4030376	4030376	4030426	+	2	51	GTG	TGA	0	0	
mORF_+_4030512	4030512	4031129	+	3	618	GTG	TAA	0	0	
mORF_+_4030555	4030555	4030584	+	1	30	TTG	TAA	0	0	
mORF_+_4030603	4030603	4030776	+	1	174	ATG	TAA	0	0	
mORF_+_4030670	4030670	4030702	+	2	33	TTG	TGA	0	0	
mORF_+_4030837	4030837	4030854	+	1	18	TTG	TAG	0	0	
mORF_+_4030864	4030864	4030878	+	1	15	ATG	TGA	0	0	
mORF_+_4030940	4030940	4030945	+	2	6	ATG	TGA	0	0	
mORF_+_4030942	4030942	4030959	+	1	18	GTG	TAA	0	0	
mORF_+_4030966	4030966	4031115	+	1	150	TTG	TAG	0	0	
mORF_+_4030985	4030985	4030990	+	2	6	GTG	TGA	0	0	
mORF_+_4031119	4031119	4031154	+	1	36	TTG	TAA	0	0	
mORF_+_4031168	4031168	4032619	+	2	1452	ATG	TGA	1	3	pORF_+_4031168
mORF_+_4031196	4031196	4031231	+	3	36	TTG	TGA	0	0	
mORF_+_4031265	4031265	4031381	+	3	117	ATG	TGA	0	0	
mORF_+_4031326	4031326	4031361	+	1	36	GTG	TAA	0	0	
mORF_+_4031418	4031418	4031495	+	3	78	GTG	TGA	0	0	
mORF_+_4031572	4031572	4031682	+	1	111	ATG	TAA	0	0	
mORF_+_4031577	4031577	4031675	+	3	99	TTG	TGA	0	0	
mORF_+_4031700	4031700	4031729	+	3	30	TTG	TGA	0	0	
mORF_+_4031722	4031722	4031793	+	1	72	GTG	TGA	0	0	
mORF_+_4031733	4031733	4031744	+	3	12	ATG	TGA	0	0	
mORF_+_4031754	4031754	4031909	+	3	156	GTG	TGA	0	0	
mORF_+_4031949	4031949	4031963	+	3	15	GTG	TGA	0	0	
mORF_+_4031971	4031971	4032054	+	1	84	TTG	TAA	0	0	
mORF_+_4032054	4032054	4032074	+	3	21	ATG	TGA	0	0	
mORF_+_4032144	4032144	4032230	+	3	87	TTG	TGA	0	0	
mORF_+_4032181	4032181	4032258	+	1	78	ATG	TAA	0	0	
mORF_+_4032270	4032270	4032278	+	3	9	GTG	TGA	0	0	
mORF_+_4032358	4032358	4032432	+	1	75	TTG	TGA	0	0	
mORF_+_4032378	4032378	4032467	+	3	90	ATG	TGA	0	0	
mORF_+_4032486	4032486	4032518	+	3	33	TTG	TGA	0	0	
mORF_+_4032532	4032532	4032615	+	1	84	ATG	TGA	0	0	
mORF_+_4032543	4032543	4032752	+	3	210	TTG	TGA	0	0	
mORF_+_4032616	4032616	4032627	+	1	12	ATG	TAA	0	0	

mORF+_4032631	4032631	4033176	+	1	546	GTG	TAA	10	38	pORF+_4032631
mORF+_4032680	4032680	4032706	+	2	27	TTG	TGA	0	0	
mORF+_4032728	4032728	4032862	+	2	135	ATG	TGA	0	0	
mORF+_4032762	4032762	4032776	+	3	15	GTG	TGA	0	0	
mORF+_4032969	4032969	4033076	+	3	108	ATG	TGA	0	0	
mORF+_4032995	4032995	4033045	+	2	51	TTG	TGA	0	0	
mORF+_4033073	4033073	4033153	+	2	81	GTG	TAA	0	0	
mORF+_4033110	4033110	4033217	+	3	108	TTG	TAA	0	0	
mORF+_4033193	4033193	4033252	+	2	60	ATG	TAA	0	0	
mORF+_4033252	4033252	4033266	+	1	15	ATG	TGA	0	0	
mORF+_4033341	4033341	4033391	+	3	51	ATG	TGA	0	0	
mORF+_4033345	4033345	4033356	+	1	12	TTG	TAG	0	0	
mORF+_4033438	4033438	4033467	+	1	30	GTG	TAA	0	0	
mORF+_4033440	4033440	4033487	+	3	48	GTG	TGA	0	0	
mORF+_4033484	4033484	4033507	+	2	24	ATG	TGA	0	0	
mORF+_4033504	4033504	4033515	+	1	12	GTG	TAA	0	0	
mORF+_4033537	4033537	4033560	+	1	24	TTG	TGA	0	0	
mORF+_4033557	4033557	4033604	+	3	48	TTG	TAA	0	0	
mORF+_4033582	4033582	4033692	+	1	111	TTG	TGA	0	0	
mORF+_4033608	4033608	4033625	+	3	18	ATG	TAA	0	0	
mORF+_4033637	4033637	4033651	+	2	15	TTG	TGA	0	0	
mORF+_4033655	4033655	4033669	+	2	15	GTG	TGA	0	0	
mORF+_4033673	4033673	4033705	+	2	33	ATG	TAA	0	0	
mORF+_4033692	4033692	4033721	+	3	30	ATG	TAG	0	0	
mORF+_4033771	4033771	4033800	+	1	30	TTG	TAG	0	0	
mORF+_4033781	4033781	4033804	+	2	24	ATG	TAG	0	0	
mORF+_4033791	4033791	4033859	+	3	69	ATG	TGA	0	0	
mORF+_4033808	4033808	4033816	+	2	9	GTG	TAA	0	0	
mORF+_4033856	4033856	4033942	+	2	87	ATG	TGA	0	0	
mORF+_4033920	4033920	4033964	+	3	45	TTG	TGA	0	0	
mORF+_4033927	4033927	4034013	+	1	87	ATG	TAA	0	0	
mORF+_4033961	4033961	4033984	+	2	24	ATG	TAA	0	0	
mORF+_4034025	4034025	4034063	+	3	39	TTG	TAA	0	0	
mORF+_4034032	4034032	4034160	+	1	129	TTG	TGA	0	0	
mORF+_4034157	4034157	4034306	+	3	150	GTG	TGA	0	0	
mORF+_4034236	4034236	4034241	+	1	6	GTG	TAG	0	0	
mORF+_4034249	4034249	4034344	+	2	96	ATG	TAG	0	0	
mORF+_4034275	4034275	4034418	+	1	144	GTG	TAA	0	0	
mORF+_4034372	4034372	4034398	+	2	27	ATG	TGA	0	0	
mORF+_4034402	4034402	4034476	+	2	75	GTG	TGA	0	0	
mORF+_4034473	4034473	4034547	+	1	75	TTG	TGA	0	0	
mORF+_4034495	4034495	4034512	+	2	18	GTG	TAA	0	0	
mORF+_4034502	4034502	4034633	+	3	132	ATG	TGA	0	0	
mORF+_4034569	4034569	4034595	+	1	27	ATG	TGA	0	0	
mORF+_4034608	4034608	4034646	+	1	39	ATG	TAA	0	0	
mORF+_4034630	4034630	4034995	+	2	366	GTG	TAG	0	0	
mORF+_4034757	4034757	4034885	+	3	129	ATG	TGA	0	0	
mORF+_4034860	4034860	4034991	+	1	132	TTG	TAG	0	0	
mORF+_4034916	4034916	4034927	+	3	12	ATG	TGA	0	0	
mORF+_4034943	4034943	4035029	+	3	87	TTG	TGA	0	0	
mORF+_4035026	4035026	4035061	+	2	36	GTG	TAA	0	0	
mORF+_4035033	4035033	4035053	+	3	21	ATG	TAA	0	0	
mORF+_4035080	4035080	4035154	+	2	75	TTG	TAA	0	0	
mORF+_4035118	4035118	4035138	+	1	21	GTG	TGA	0	0	
mORF+_4035138	4035138	4035173	+	3	36	ATG	TAG	0	0	
mORF+_4035179	4035179	4035199	+	2	21	GTG	TGA	0	0	
mORF+_4035205	4035205	4035378	+	1	174	GTG	TAA	0	0	
mORF+_4035257	4035257	4035271	+	2	15	TTG	TAA	0	0	
mORF+_4035276	4035276	4035350	+	3	75	ATG	TAG	0	0	
mORF+_4035281	4035281	4035292	+	2	12	ATG	TAG	0	0	
mORF+_4035392	4035392	4035484	+	2	93	GTG	TGA	0	0	
mORF+_4035421	4035421	4035456	+	1	36	TTG	TGA	0	0	
mORF+_4035453	4035453	4035464	+	3	12	TTG	TGA	0	0	

mORF_+_4035475	4035475	4035555	+	1	81	TTG	TAA	0	0
mORF_+_4035536	4035536	4035541	+	2	6	TTG	TGA	0	0
mORF_+_4035565	4035565	4035615	+	1	51	GTG	TAA	0	0
mORF_+_4035569	4035569	4035625	+	2	57	ATG	TAA	0	0
mORF_+_4035627	4035627	4035635	+	3	9	GTG	TGA	0	0
mORF_+_4035632	4035632	4035697	+	2	66	ATG	TAA	0	0
mORF_+_4035660	4035660	4035701	+	3	42	ATG	TGA	0	0
mORF_+_4035673	4035673	4035714	+	1	42	GTG	TAA	0	0
mORF_+_4035714	4035714	4035836	+	3	123	ATG	TAG	0	0
mORF_+_4035824	4035824	4035871	+	2	48	GTG	TGA	0	0
mORF_+_4035826	4035826	4035903	+	1	78	GTG	TGA	0	0
mORF_+_4035900	4035900	4035980	+	3	81	GTG	TGA	0	0
mORF_+_4035991	4035991	4036089	+	1	99	GTG	TAG	0	0
mORF_+_4036004	4036004	4036042	+	2	39	GTG	TGA	0	0
mORF_+_4036059	4036059	4036097	+	3	39	GTG	TGA	0	0
mORF_+_4036094	4036094	4036141	+	2	48	GTG	TAG	0	0
mORF_+_4036116	4036116	4036196	+	3	81	ATG	TAA	0	0
mORF_+_4036198	4036198	4036257	+	1	60	TTG	TAA	0	0
mORF_+_4036223	4036223	4036231	+	2	9	GTG	TAG	0	0
mORF_+_4036250	4036250	4036375	+	2	126	TTG	TAG	0	0
mORF_+_4036284	4036284	4036298	+	3	15	ATG	TAG	0	0
mORF_+_4036302	4036302	4036322	+	3	21	ATG	TGA	0	0
mORF_+_4036309	4036309	4036371	+	1	63	GTG	TAG	0	0
mORF_+_4036382	4036382	4036501	+	2	120	GTG	TAA	0	0
mORF_+_4036446	4036446	4036562	+	3	117	ATG	TAA	0	0
mORF_+_4036495	4036495	4036542	+	1	48	GTG	TAA	0	0
mORF_+_4036555	4036555	4036626	+	1	72	ATG	TAA	0	0
mORF_+_4036563	4036563	4036637	+	3	75	GTG	TAA	0	0
mORF_+_4036598	4036598	4036609	+	2	12	ATG	TAG	0	0
mORF_+_4036670	4036670	4036675	+	2	6	ATG	TAA	0	0
mORF_+_4036688	4036688	4036753	+	2	66	ATG	TGA	0	0
mORF_+_4036717	4036717	4036800	+	1	84	GTG	TGA	0	0
mORF_+_4036758	4036758	4036766	+	3	9	GTG	TGA	0	0
mORF_+_4036763	4036763	4036882	+	2	120	GTG	TGA	0	0
mORF_+_4036770	4036770	4036805	+	3	36	ATG	TAA	0	0
mORF_+_4036821	4036821	4036868	+	3	48	GTG	TAA	0	0
mORF_+_4036879	4036879	4036914	+	1	36	GTG	TAG	0	0
mORF_+_4036918	4036918	4037010	+	1	93	ATG	TAA	0	0
mORF_+_4036979	4036979	4037062	+	2	84	ATG	TGA	0	0
mORF_+_4037013	4037013	4037018	+	3	6	GTG	TAG	0	0
mORF_+_4037059	4037059	4037190	+	1	132	GTG	TGA	0	0
mORF_+_4037078	4037078	4037131	+	2	54	GTG	TAA	0	0
mORF_+_4037160	4037160	4037171	+	3	12	GTG	TAG	0	0
mORF_+_4037187	4037187	4037204	+	3	18	TTG	TGA	0	0
mORF_+_4037201	4037201	4037230	+	2	30	GTG	TAA	0	0
mORF_+_4037253	4037253	4037258	+	3	6	ATG	TAG	0	0
mORF_+_4037259	4037259	4037324	+	3	66	GTG	TAA	0	0
mORF_+_4037269	4037269	4037394	+	1	126	TTG	TAA	0	0
mORF_+_4037337	4037337	4037369	+	3	33	GTG	TGA	0	0
mORF_+_4037351	4037351	4037398	+	2	48	GTG	TGA	0	0
mORF_+_4037395	4037395	4037427	+	1	33	TTG	TGA	0	0
mORF_+_4037424	4037424	4037495	+	3	72	TTG	TAA	0	0
mORF_+_4037485	4037485	4037520	+	1	36	TTG	TAA	0	0
mORF_+_4037520	4037520	4037555	+	3	36	ATG	TGA	0	0
mORF_+_4037552	4037552	4037572	+	2	21	GTG	TGA	0	0
mORF_+_4037569	4037569	4037625	+	1	57	GTG	TAG	0	0
mORF_+_4037580	4037580	4037612	+	3	33	GTG	TGA	0	0
mORF_+_4037609	4037609	4037650	+	2	42	GTG	TGA	0	0
mORF_+_4037640	4037640	4037657	+	3	18	TTG	TAG	0	0
mORF_+_4037647	4037647	4037676	+	1	30	TTG	TGA	0	0
mORF_+_4037663	4037663	4037809	+	2	147	GTG	TAA	0	0
mORF_+_4037673	4037673	4037711	+	3	39	TTG	TGA	0	0
mORF_+_4037680	4037680	4037733	+	1	54	GTG	TGA	0	0

mORF_+_4037730	4037730	4037741	+	3	12	TTG	TAA	0	0	
mORF_+_4037761	4037761	4037784	+	1	24	TTG	TAG	0	0	
mORF_+_4037833	4037833	4037865	+	1	33	TTG	TAG	0	0	
mORF_+_4037865	4037865	4037888	+	3	24	GTG	TGA	0	0	
mORF_+_4037870	4037870	4037878	+	2	9	ATG	TAA	0	0	
mORF_+_4037885	4037885	4038001	+	2	117	TTG	TGA	0	0	
mORF_+_4037913	4037913	4037948	+	3	36	GTG	TGA	0	0	
mORF_+_4037949	4037949	4037975	+	3	27	ATG	TAA	0	0	
mORF_+_4038030	4038030	4038077	+	3	48	GTG	TAG	0	0	
mORF_+_4038034	4038034	4038072	+	1	39	TTG	TGA	0	0	
mORF_+_4038089	4038089	4038130	+	2	42	ATG	TAG	0	0	
mORF_+_4038109	4038109	4038264	+	1	156	GTG	TAG	0	0	
mORF_+_4038137	4038137	4038181	+	2	45	GTG	TGA	0	0	
mORF_+_4038213	4038213	4038290	+	3	78	GTG	TGA	0	0	
mORF_+_4038242	4038242	4038268	+	2	27	ATG	TAA	0	0	
mORF_+_4038269	4038269	4038283	+	2	15	ATG	TAA	0	0	
mORF_+_4038284	4038284	4038334	+	2	51	GTG	TGA	0	0	
mORF_+_4038310	4038310	4038342	+	1	33	TTG	TGA	0	0	
mORF_+_4038339	4038339	4038362	+	3	24	TTG	TGA	0	0	
mORF_+_4038359	4038359	4038415	+	2	57	TTG	TAA	0	0	
mORF_+_4038388	4038388	4038393	+	1	6	GTG	TAA	0	0	
mORF_+_4038402	4038402	4038410	+	3	9	ATG	TGA	0	0	
mORF_+_4038425	4038425	4038442	+	2	18	ATG	TAA	0	0	
mORF_+_4038432	4038432	4038494	+	3	63	GTG	TGA	0	0	
mORF_+_4038464	4038464	4038475	+	2	12	TTG	TGA	0	0	
mORF_+_4038472	4038472	4038504	+	1	33	TTG	TAA	0	0	
mORF_+_4038539	4038539	4038739	+	2	201	TTG	TAG	0	0	
mORF_+_4038612	4038612	4038644	+	3	33	ATG	TAG	0	0	
mORF_+_4038714	4038714	4038815	+	3	102	TTG	TAA	0	0	
mORF_+_4038769	4038769	4038852	+	1	84	TTG	TGA	0	0	
mORF_+_4038791	4038791	4038835	+	2	45	GTG	TAA	0	0	
mORF_+_4038856	4038856	4038990	+	1	135	ATG	TAA	0	0	
mORF_+_4038870	4038870	4039286	+	3	417	TTG	TAG	0	0	
mORF_+_4038944	4038944	4039000	+	2	57	TTG	TAA	0	0	
mORF_+_4039000	4039000	4039017	+	1	18	ATG	TAA	0	0	
mORF_+_4039046	4039046	4039063	+	2	18	ATG	TAA	0	0	
mORF_+_4039076	4039076	4039159	+	2	84	ATG	TGA	0	0	
mORF_+_4039108	4039108	4039128	+	1	21	TTG	TAA	0	0	
mORF_+_4039156	4039156	4039335	+	1	180	TTG	TAA	0	0	
mORF_+_4039235	4039235	4039366	+	2	132	TTG	TAA	0	0	
mORF_+_4039293	4039293	4039487	+	3	195	TTG	TAA	0	0	
mORF_+_4039366	4039366	4039395	+	1	30	ATG	TAG	0	0	
mORF_+_4039491	4039491	4039511	+	3	21	ATG	TGA	0	0	
mORF_+_4039501	4039501	4039587	+	1	87	ATG	TAA	0	0	
mORF_+_4039627	4039627	4039698	+	1	72	GTG	TAA	0	0	
mORF_+_4039670	4039670	4039678	+	2	9	TTG	TGA	0	0	
mORF_+_4039709	4039709	4039714	+	2	6	ATG	TAA	0	0	
mORF_+_4039806	4039806	4039862	+	3	57	GTG	TAG	0	0	
mORF_+_4039852	4039852	4039920	+	1	69	ATG	TAA	0	0	
mORF_+_4039920	4039920	4040051	+	3	132	ATG	TGA	0	0	
mORF_+_4039925	4039925	4040080	+	2	156	TTG	TAA	0	0	
mORF_+_4040062	4040062	4040361	+	1	300	GTG	TAA	28	287	pORF_+_4040062
mORF_+_4040097	4040097	4040102	+	3	6	ATG	TAA	0	0	
mORF_+_4040111	4040111	4040227	+	2	117	ATG	TGA	0	0	
mORF_+_4040231	4040231	4040242	+	2	12	ATG	TGA	0	0	
mORF_+_4040261	4040261	4040284	+	2	24	GTG	TGA	0	0	
mORF_+_4040306	4040306	4040350	+	2	45	ATG	TAA	0	0	
mORF_+_4040366	4040366	4040371	+	2	6	TTG	TAA	0	0	
mORF_+_4040392	4040392	4040400	+	1	9	GTG	TGA	0	0	
mORF_+_4040397	4040397	4040441	+	3	45	ATG	TGA	0	0	
mORF_+_4040419	4040419	4040433	+	1	15	ATG	TGA	0	0	
mORF_+_4040438	4040438	4041424	+	2	987	ATG	TAA	5	13	pORF_+_4040438
mORF_+_4040499	4040499	4040672	+	3	174	TTG	TAA	0	0	

mORF_+_4040620	4040620	4040676	+	1	57	TTG	TGA	0	0	
mORF_+_4040673	4040673	4040726	+	3	54	ATG	TGA	0	0	
mORF_+_4040766	4040766	4040825	+	3	60	GTG	TAG	0	0	
mORF_+_4040898	4040898	4040933	+	3	36	TTG	TGA	0	0	
mORF_+_4040973	4040973	4040981	+	3	9	ATG	TGA	0	0	
mORF_+_4040982	4040982	4041233	+	3	252	TTG	TGA	0	0	
mORF_+_4041127	4041127	4041150	+	1	24	GTG	TAA	0	0	
mORF_+_4041234	4041234	4041281	+	3	48	TTG	TAA	0	0	
mORF_+_4041289	4041289	4041297	+	1	9	TTG	TGA	0	0	
mORF_+_4041322	4041322	4041444	+	1	123	GTG	TGA	0	0	
mORF_+_4041441	4041441	4042067	+	3	627	ATG	TAA	18	58	pORF_+_4041441
mORF_+_4041452	4041452	4041487	+	2	36	TTG	TAG	0	0	
mORF_+_4041505	4041505	4041546	+	1	42	ATG	TAG	0	0	
mORF_+_4041604	4041604	4041636	+	1	33	TTG	TGA	0	0	
mORF_+_4041691	4041691	4041714	+	1	24	GTG	TGA	0	0	
mORF_+_4041722	4041722	4041778	+	2	57	ATG	TGA	0	0	
mORF_+_4041775	4041775	4041891	+	1	117	TTG	TGA	0	0	
mORF_+_4041872	4041872	4041928	+	2	57	GTG	TGA	0	0	
mORF_+_4041940	4041940	4041981	+	1	42	GTG	TGA	0	0	
mORF_+_4042012	4042012	4042044	+	1	33	ATG	TGA	0	0	
mORF_+_4042072	4042072	4042077	+	1	6	ATG	TAA	0	0	
mORF_+_4042092	4042092	4042232	+	3	141	GTG	TAA	0	0	
mORF_+_4042180	4042180	4043652	+	1	1473	GTG	TAA	0	0	
mORF_+_4042196	4042196	4042225	+	2	30	TTG	TGA	0	0	
mORF_+_4042244	4042244	4042261	+	2	18	GTG	TAG	0	0	
mORF_+_4042274	4042274	4042378	+	2	105	GTG	TGA	0	0	
mORF_+_4042284	4042284	4042331	+	3	48	ATG	TAA	0	0	
mORF_+_4042397	4042397	4042438	+	2	42	TTG	TGA	0	0	
mORF_+_4042451	4042451	4042537	+	2	87	GTG	TAA	0	0	
mORF_+_4042541	4042541	4042579	+	2	39	ATG	TGA	0	0	
mORF_+_4042592	4042592	4042600	+	2	9	ATG	TGA	0	0	
mORF_+_4042664	4042664	4042690	+	2	27	TTG	TAG	0	0	
mORF_+_4042691	4042691	4042825	+	2	135	ATG	TGA	0	0	
mORF_+_4042853	4042853	4042873	+	2	21	TTG	TAG	0	0	
mORF_+_4042892	4042892	4043047	+	2	156	TTG	TAA	0	0	
mORF_+_4043072	4043072	4043089	+	2	18	GTG	TGA	0	0	
mORF_+_4043079	4043079	4043096	+	3	18	GTG	TGA	0	0	
mORF_+_4043090	4043090	4043182	+	2	93	TTG	TAG	0	0	
mORF_+_4043189	4043189	4043212	+	2	24	ATG	TGA	0	0	
mORF_+_4043213	4043213	4043281	+	2	69	ATG	TAA	0	0	
mORF_+_4043283	4043283	4043390	+	3	108	ATG	TGA	0	0	
mORF_+_4043309	4043309	4043395	+	2	87	ATG	TGA	0	0	
mORF_+_4043408	4043408	4043503	+	2	96	ATG	TGA	0	0	
mORF_+_4043537	4043537	4043608	+	2	72	TTG	TGA	0	0	
mORF_+_4043630	4043630	4043689	+	2	60	GTG	TAA	0	0	
mORF_+_4043710	4043710	4043721	+	1	12	GTG	TGA	0	0	
mORF_+_4043718	4043718	4043774	+	3	57	ATG	TGA	0	0	
mORF_+_4043755	4043755	4043787	+	1	33	ATG	TAA	0	0	
mORF_+_4043768	4043768	4043818	+	2	51	TTG	TAA	0	0	
mORF_+_4043793	4043793	4043807	+	3	15	TTG	TAG	0	0	
mORF_+_4043846	4043846	4043878	+	2	33	ATG	TAA	0	0	
mORF_+_4043904	4043904	4043915	+	3	12	TTG	TAA	0	0	
mORF_+_4043945	4043945	4043965	+	2	21	TTG	TAG	0	0	
mORF_+_4043976	4043976	4044008	+	3	33	ATG	TGA	0	0	
mORF_+_4043989	4043989	4044045	+	1	57	TTG	TGA	0	0	
mORF_+_4044005	4044005	4044154	+	2	150	TTG	TAA	1	4	pORF_+_4044005
mORF_+_4044012	4044012	4044029	+	3	18	GTG	TGA	0	0	
mORF_+_4044042	4044042	4044149	+	3	108	GTG	TGA	0	0	
mORF_+_4044220	4044220	4044246	+	1	27	ATG	TGA	0	0	
mORF_+_4044239	4044239	4044355	+	2	117	TTG	TAA	0	0	
mORF_+_4044243	4044243	4044371	+	3	129	TTG	TGA	0	0	
mORF_+_4044368	4044368	4044406	+	2	39	GTG	TAA	0	0	
mORF_+_4044388	4044388	4044441	+	1	54	GTG	TAA	0	0	

mORF_+_4044471	4044471	4044689	+	3	219	ATG	TGA	0	0	
mORF_+_4044631	4044631	4044639	+	1	9	GTG	TAA	0	0	
mORF_+_4044686	4044686	4044781	+	2	96	ATG	TGA	0	0	
mORF_+_4044778	4044778	4044828	+	1	51	ATG	TAA	0	0	
mORF_+_4044800	4044800	4044808	+	2	9	ATG	TAA	0	0	
mORF_+_4044834	4044834	4044839	+	3	6	ATG	TAA	0	0	
mORF_+_4044847	4044847	4044921	+	1	75	ATG	TGA	0	0	
mORF_+_4044873	4044873	4044965	+	3	93	TTG	TAA	0	0	
mORF_+_4044929	4044929	4044970	+	2	42	ATG	TGA	0	0	
mORF_+_4044946	4044946	4045077	+	1	132	GTG	TAA	0	0	
mORF_+_4044989	4044989	4047775	+	2	2787	ATG	TAA	74	342	pORF_+_4044989
mORF_+_4045020	4045020	4045025	+	3	6	TTG	TAG	0	0	
mORF_+_4045026	4045026	4045073	+	3	48	ATG	TGA	0	0	
mORF_+_4045098	4045098	4045136	+	3	39	GTG	TGA	0	0	
mORF_+_4045158	4045158	4045325	+	3	168	ATG	TAG	0	0	
mORF_+_4045539	4045539	4045661	+	3	123	GTG	TGA	0	0	
mORF_+_4045668	4045668	4045769	+	3	102	GTG	TGA	0	0	
mORF_+_4045773	4045773	4045949	+	3	177	GTG	TGA	0	0	
mORF_+_4045873	4045873	4045971	+	1	99	ATG	TGA	0	0	
mORF_+_4045968	4045968	4046006	+	3	39	ATG	TGA	0	0	
mORF_+_4046011	4046011	4046052	+	1	42	GTG	TGA	0	0	
mORF_+_4046016	4046016	4046126	+	3	111	TTG	TAG	0	0	
mORF_+_4046142	4046142	4046204	+	3	63	TTG	TAA	0	0	
mORF_+_4046220	4046220	4046234	+	3	15	ATG	TGA	0	0	
mORF_+_4046286	4046286	4046387	+	3	102	TTG	TGA	0	0	
mORF_+_4046380	4046380	4046409	+	1	30	TTG	TGA	0	0	
mORF_+_4046406	4046406	4046441	+	3	36	TTG	TGA	0	0	
mORF_+_4046454	4046454	4046519	+	3	66	TTG	TGA	0	0	
mORF_+_4046524	4046524	4046610	+	1	87	GTG	TGA	1	2	pORF_+_4046524
mORF_+_4046607	4046607	4046624	+	3	18	TTG	TGA	0	0	
mORF_+_4046700	4046700	4046786	+	3	87	ATG	TGA	0	0	
mORF_+_4046799	4046799	4046867	+	3	69	GTG	TGA	0	0	
mORF_+_4046880	4046880	4046897	+	3	18	GTG	TGA	0	0	
mORF_+_4046949	4046949	4046978	+	3	30	GTG	TAA	0	0	
mORF_+_4047069	4047069	4047089	+	3	21	TTG	TGA	0	0	
mORF_+_4047090	4047090	4047161	+	3	72	TTG	TGA	0	0	
mORF_+_4047213	4047213	4047281	+	3	69	TTG	TGA	0	0	
mORF_+_4047285	4047285	4047293	+	3	9	ATG	TGA	0	0	
mORF_+_4047294	4047294	4047320	+	3	27	GTG	TGA	0	0	
mORF_+_4047405	4047405	4047569	+	3	165	GTG	TGA	0	0	
mORF_+_4047570	4047570	4047617	+	3	48	TTG	TGA	0	0	
mORF_+_4047583	4047583	4047597	+	1	15	GTG	TGA	0	0	
mORF_+_4047633	4047633	4047698	+	3	66	ATG	TGA	0	0	
mORF_+_4047720	4047720	4047911	+	3	192	ATG	TAA	0	0	
mORF_+_4047829	4047829	4047834	+	1	6	TTG	TGA	0	0	
mORF_+_4047853	4047853	4047897	+	1	45	ATG	TGA	0	0	
mORF_+_4047940	4047940	4047987	+	1	48	ATG	TGA	0	0	
mORF_+_4047980	4047980	4048012	+	2	33	TTG	TAA	0	0	
mORF_+_4048012	4048012	4048089	+	1	78	ATG	TAG	0	0	
mORF_+_4048031	4048031	4048054	+	2	24	TTG	TAA	0	0	
mORF_+_4048061	4048061	4048105	+	2	45	ATG	TGA	0	0	
mORF_+_4048068	4048068	4048097	+	3	30	ATG	TAA	0	0	
mORF_+_4048102	4048102	4048446	+	1	345	TTG	TAG	0	0	
mORF_+_4048226	4048226	4048411	+	2	186	TTG	TGA	0	0	
mORF_+_4048326	4048326	4048595	+	3	270	GTG	TGA	0	0	
mORF_+_4048459	4048459	4048623	+	1	165	TTG	TGA	0	0	
mORF_+_4048508	4048508	4048540	+	2	33	TTG	TAA	0	0	
mORF_+_4048568	4048568	4048771	+	2	204	TTG	TGA	0	0	
mORF_+_4048620	4048620	4048649	+	3	30	TTG	TAG	0	0	
mORF_+_4048729	4048729	4048833	+	1	105	GTG	TGA	0	0	
mORF_+_4048815	4048815	4048877	+	3	63	TTG	TAA	0	0	
mORF_+_4048817	4048817	4048840	+	2	24	GTG	TAA	0	0	
mORF_+_4048861	4048861	4048956	+	1	96	GTG	TAA	0	0	

mORF_+_4048868	4048868	4048873	+	2	6	TTG	TAA	0	0	
mORF_+_4048890	4048890	4048895	+	3	6	TTG	TGA	0	0	
mORF_+_4048892	4048892	4048909	+	2	18	GTG	TAG	0	0	
mORF_+_4048946	4048946	4048996	+	2	51	ATG	TGA	0	0	
mORF_+_4048975	4048975	4049013	+	1	39	TTG	TGA	0	0	
mORF_+_4049001	4049001	4049048	+	3	48	GTG	TAA	0	0	
mORF_+_4049020	4049020	4049076	+	1	57	TTG	TAA	0	0	
mORF_+_4049024	4049024	4049035	+	2	12	TTG	TAA	0	0	
mORF_+_4049085	4049085	4049162	+	3	78	ATG	TAA	0	0	
mORF_+_4049095	4049095	4049166	+	1	72	ATG	TAA	0	0	
mORF_+_4049132	4049132	4049251	+	2	120	TTG	TAA	0	0	
mORF_+_4049173	4049173	4049241	+	1	69	ATG	TAA	0	0	
mORF_+_4049214	4049214	4049285	+	3	72	GTG	TAA	0	0	
mORF_+_4049257	4049257	4049343	+	1	87	ATG	TGA	0	0	
mORF_+_4049303	4049303	4049320	+	2	18	TTG	TAG	0	0	
mORF_+_4049307	4049307	4049879	+	3	573	TTG	TAA	15	55	pORF_+_4049307
mORF_+_4049407	4049407	4049598	+	1	192	ATG	TGA	0	0	
mORF_+_4049632	4049632	4049733	+	1	102	GTG	TGA	0	0	
mORF_+_4049734	4049734	4049787	+	1	54	GTG	TGA	0	0	
mORF_+_4049809	4049809	4049856	+	1	48	ATG	TGA	0	0	
mORF_+_4049884	4049884	4049913	+	1	30	TTG	TGA	0	0	
mORF_+_4049892	4049892	4050065	+	3	174	GTG	TGA	0	0	
mORF_+_4049930	4049930	4049956	+	2	27	ATG	TAA	0	0	
mORF_+_4049984	4049984	4050037	+	2	54	GTG	TAG	0	0	
mORF_+_4050062	4050062	4051441	+	2	1380	GTG	TAA	13	40	pORF_+_4050062
mORF_+_4050262	4050262	4050285	+	1	24	TTG	TAA	0	0	
mORF_+_4050288	4050288	4050422	+	3	135	TTG	TGA	0	0	
mORF_+_4050477	4050477	4050569	+	3	93	ATG	TGA	0	0	
mORF_+_4050627	4050627	4050698	+	3	72	ATG	TGA	0	0	
mORF_+_4050750	4050750	4050764	+	3	15	GTG	TGA	0	0	
mORF_+_4050780	4050780	4050899	+	3	120	GTG	TGA	0	0	
mORF_+_4050936	4050936	4051061	+	3	126	TTG	TGA	0	0	
mORF_+_4051062	4051062	4051097	+	3	36	TTG	TGA	0	0	
mORF_+_4051119	4051119	4051157	+	3	39	ATG	TAA	0	0	
mORF_+_4051138	4051138	4051164	+	1	27	GTG	TGA	0	0	
mORF_+_4051161	4051161	4051187	+	3	27	GTG	TGA	0	0	
mORF_+_4051230	4051230	4051298	+	3	69	TTG	TAG	0	0	
mORF_+_4051240	4051240	4051260	+	1	21	GTG	TGA	0	0	
mORF_+_4051305	4051305	4051343	+	3	39	ATG	TGA	0	0	
mORF_+_4051375	4051375	4051389	+	1	15	TTG	TGA	0	0	
mORF_+_4051386	4051386	4051436	+	3	51	TTG	TGA	0	0	
mORF_+_4051445	4051445	4051471	+	2	27	GTG	TAG	0	0	
mORF_+_4051449	4051449	4051514	+	3	66	ATG	TGA	0	0	
mORF_+_4051490	4051490	4051498	+	2	9	ATG	TGA	0	0	
mORF_+_4051492	4051492	4051539	+	1	48	GTG	TGA	0	0	
mORF_+_4051514	4051514	4051771	+	2	258	ATG	TGA	0	0	
mORF_+_4051536	4051536	4051556	+	3	21	TTG	TAG	0	0	
mORF_+_4051605	4051605	4051817	+	3	213	ATG	TGA	0	0	
mORF_+_4051690	4051690	4051764	+	1	75	TTG	TAA	0	0	
mORF_+_4051768	4051768	4051782	+	1	15	TTG	TAA	0	0	
mORF_+_4051854	4051854	4052048	+	3	195	TTG	TGA	0	0	
mORF_+_4051970	4051970	4052005	+	2	36	ATG	TAA	0	0	
mORF_+_4052045	4052045	4052140	+	2	96	TTG	TGA	0	0	
mORF_+_4052137	4052137	4052394	+	1	258	TTG	TAA	0	0	
mORF_+_4052214	4052214	4052384	+	3	171	GTG	TGA	0	0	
mORF_+_4052279	4052279	4052287	+	2	9	ATG	TAA	0	0	
mORF_+_4052330	4052330	4052596	+	2	267	ATG	TAA	0	0	
mORF_+_4052463	4052463	4052504	+	3	42	GTG	TAG	0	0	
mORF_+_4052596	4052596	4052652	+	1	57	ATG	TAA	0	0	
mORF_+_4052634	4052634	4052768	+	3	135	ATG	TGA	0	0	
mORF_+_4052666	4052666	4052683	+	2	18	GTG	TGA	0	0	
mORF_+_4052698	4052698	4052706	+	1	9	TTG	TAG	0	0	
mORF_+_4052750	4052750	4053145	+	2	396	GTG	TGA	1	2	pORF_+_4052750

mORF_+_4052787	4052787	4052909	+	3	123	GTG	TGA	0	0
mORF_+_4052893	4052893	4052904	+	1	12	TTG	TAA	0	0
mORF_+_4052991	4052991	4053002	+	3	12	TTG	TAA	0	0
mORF_+_4053052	4053052	4053063	+	1	12	GTG	TAA	0	0
mORF_+_4053063	4053063	4053323	+	3	261	ATG	TGA	0	0
mORF_+_4053079	4053079	4053096	+	1	18	TTG	TAA	0	0
mORF_+_4053296	4053296	4053334	+	2	39	TTG	TAA	0	0
mORF_+_4053349	4053349	4053384	+	1	36	ATG	TGA	0	0
mORF_+_4053377	4053377	4053391	+	2	15	TTG	TGA	0	0
mORF_+_4053385	4053385	4053417	+	1	33	ATG	TAA	0	0
mORF_+_4053410	4053410	4053460	+	2	51	ATG	TAA	0	0
mORF_+_4053478	4053478	4053549	+	1	72	ATG	TAA	0	0
mORF_+_4053488	4053488	4053535	+	2	48	ATG	TAG	0	0
mORF_+_4053556	4053556	4053615	+	1	60	TTG	TAG	0	0
mORF_+_4053566	4053566	4053655	+	2	90	GTG	TGA	0	0
mORF_+_4053652	4053652	4053681	+	1	30	TTG	TAG	0	0
mORF_+_4053713	4053713	4053766	+	2	54	TTG	TGA	0	0
mORF_+_4053763	4053763	4053873	+	1	111	GTG	TAG	0	0
mORF_+_4053857	4053857	4054009	+	2	153	TTG	TGA	0	0
mORF_+_4053873	4053873	4053899	+	3	27	GTG	TGA	0	0
mORF_+_4053946	4053946	4053966	+	1	21	ATG	TAA	0	0
mORF_+_4053948	4053948	4054112	+	3	165	GTG	TGA	0	0
mORF_+_4053991	4053991	4053999	+	1	9	GTG	TAG	0	0
mORF_+_4054055	4054055	4054192	+	2	138	ATG	TAG	0	0
mORF_+_4054093	4054093	4054182	+	1	90	ATG	TAA	0	0
mORF_+_4054182	4054182	4054313	+	3	132	ATG	TAA	0	0
mORF_+_4054226	4054226	4054273	+	2	48	TTG	TAA	0	0
mORF_+_4054237	4054237	4054299	+	1	63	TTG	TAA	0	0
mORF_+_4054286	4054286	4054396	+	2	111	TTG	TAG	0	0
mORF_+_4054356	4054356	4054364	+	3	9	TTG	TAA	0	0
mORF_+_4054383	4054383	4054406	+	3	24	TTG	TAG	0	0
mORF_+_4054396	4054396	4055631	+	1	1236	GTG	TGA	0	0
mORF_+_4054442	4054442	4054483	+	2	42	TTG	TAG	0	0
mORF_+_4054461	4054461	4054487	+	3	27	ATG	TGA	0	0
mORF_+_4054499	4054499	4054546	+	2	48	TTG	TAG	0	0
mORF_+_4054563	4054563	4054754	+	3	192	TTG	TGA	0	0
mORF_+_4054727	4054727	4055056	+	2	330	ATG	TAA	0	0
mORF_+_4054803	4054803	4054910	+	3	108	GTG	TGA	0	0
mORF_+_4054995	4054995	4055030	+	3	36	GTG	TAG	0	0
mORF_+_4055070	4055070	4055132	+	3	63	GTG	TAA	0	0
mORF_+_4055105	4055105	4055167	+	2	63	TTG	TAG	0	0
mORF_+_4055198	4055198	4055344	+	2	147	TTG	TAG	0	0
mORF_+_4055283	4055283	4055291	+	3	9	TTG	TAA	0	0
mORF_+_4055366	4055366	4055404	+	2	39	TTG	TGA	0	0
mORF_+_4055505	4055505	4055606	+	3	102	GTG	TAG	0	0
mORF_+_4055549	4055549	4055716	+	2	168	TTG	TAA	0	0
mORF_+_4055628	4055628	4055798	+	3	171	ATG	TAA	0	0
mORF_+_4055735	4055735	4055758	+	2	24	ATG	TAG	0	0
mORF_+_4055761	4055761	4056096	+	1	336	TTG	TAA	0	0
mORF_+_4055768	4055768	4055947	+	2	180	GTG	TGA	0	0
mORF_+_4055841	4055841	4055876	+	3	36	ATG	TAA	0	0
mORF_+_4055960	4055960	4056064	+	2	105	GTG	TAA	0	0
mORF_+_4056075	4056075	4056131	+	3	57	TTG	TAA	0	0
mORF_+_4056151	4056151	4056225	+	1	75	GTG	TGA	0	0
mORF_+_4056222	4056222	4056242	+	3	21	GTG	TAG	0	0
mORF_+_4056226	4056226	4056282	+	1	57	ATG	TGA	0	0
mORF_+_4056242	4056242	4056262	+	2	21	GTG	TAA	0	0
mORF_+_4056279	4056279	4056293	+	3	15	ATG	TAA	0	0
mORF_+_4056286	4056286	4056312	+	1	27	TTG	TGA	0	0
mORF_+_4056302	4056302	4056376	+	2	75	ATG	TAG	0	0
mORF_+_4056309	4056309	4056413	+	3	105	GTG	TAA	0	0
mORF_+_4056358	4056358	4056363	+	1	6	TTG	TGA	0	0
mORF_+_4056376	4056376	4056399	+	1	24	GTG	TAA	0	0

mORF_+_4056389	4056389	4056433	+	2	45	GTG	TGA	0	0	
mORF_+_4056430	4056430	4058253	+	1	1824	GTG	TAA	118	2970	pORF_+_4056430
mORF_+_4056476	4056476	4056496	+	2	21	ATG	TAG	0	0	
mORF_+_4056533	4056533	4056556	+	2	24	GTG	TGA	0	0	
mORF_+_4056584	4056584	4056694	+	2	111	GTG	TAA	0	0	
mORF_+_4056621	4056621	4056629	+	3	9	ATG	TGA	0	0	
mORF_+_4056725	4056725	4056766	+	2	42	TTG	TAA	0	0	
mORF_+_4056779	4056779	4056793	+	2	15	TTG	TGA	0	0	
mORF_+_4056800	4056800	4056934	+	2	135	TTG	TGA	0	0	
mORF_+_4056843	4056843	4056878	+	3	36	TTG	TAA	0	0	
mORF_+_4056998	4056998	4057123	+	2	126	TTG	TGA	0	0	
mORF_+_4057250	4057250	4057276	+	2	27	TTG	TGA	1	4	pORF_+_4057250
mORF_+_4057293	4057293	4057313	+	3	21	TTG	TGA	0	0	
mORF_+_4057310	4057310	4057408	+	2	99	TTG	TAA	0	0	
mORF_+_4057457	4057457	4057471	+	2	15	TTG	TAG	0	0	
mORF_+_4057490	4057490	4057537	+	2	48	ATG	TGA	0	0	
mORF_+_4057553	4057553	4057639	+	2	87	GTG	TGA	0	0	
mORF_+_4057649	4057649	4057675	+	2	27	TTG	TAA	0	0	
mORF_+_4057766	4057766	4057774	+	2	9	GTG	TGA	0	0	
mORF_+_4057775	4057775	4057798	+	2	24	TTG	TGA	0	0	
mORF_+_4057862	4057862	4057894	+	2	33	GTG	TGA	0	0	
mORF_+_4057973	4057973	4058029	+	2	57	GTG	TGA	0	0	
mORF_+_4058069	4058069	4058119	+	2	51	GTG	TGA	0	0	
mORF_+_4058147	4058147	4058164	+	2	18	ATG	TAG	0	0	
mORF_+_4058287	4058287	4058406	+	1	120	ATG	TAA	0	0	
mORF_+_4058325	4058325	4058345	+	3	21	ATG	TAA	0	0	
mORF_+_4058372	4058372	4058452	+	2	81	TTG	TAA	0	0	
mORF_+_4058407	4058407	4058427	+	1	21	TTG	TAA	0	0	
mORF_+_4058470	4058470	4059180	+	1	711	ATG	TAG	0	0	
mORF_+_4058498	4058498	4058527	+	2	30	ATG	TGA	0	0	
mORF_+_4058520	4058520	4058597	+	3	78	GTG	TAA	0	0	
mORF_+_4058531	4058531	4058605	+	2	75	ATG	TGA	0	0	
mORF_+_4058670	4058670	4058696	+	3	27	GTG	TAA	0	0	
mORF_+_4058738	4058738	4058818	+	2	81	TTG	TGA	0	0	
mORF_+_4058819	4058819	4058827	+	2	9	TTG	TGA	0	0	
mORF_+_4058918	4058918	4058998	+	2	81	TTG	TAG	0	0	
mORF_+_4058976	4058976	4059089	+	3	114	GTG	TGA	0	0	
mORF_+_4059053	4059053	4059085	+	2	33	TTG	TAA	0	0	
mORF_+_4059086	4059086	4059130	+	2	45	TTG	TAG	0	0	
mORF_+_4059134	4059134	4059160	+	2	27	TTG	TAG	0	0	
mORF_+_4059141	4059141	4059152	+	3	12	TTG	TGA	0	0	
mORF_+_4059181	4059181	4059204	+	1	24	GTG	TAA	0	0	
mORF_+_4059188	4059188	4060168	+	2	981	ATG	TAA	1	3	pORF_+_4059188
mORF_+_4059225	4059225	4059272	+	3	48	GTG	TAA	0	0	
mORF_+_4059309	4059309	4059434	+	3	126	TTG	TGA	0	0	
mORF_+_4059438	4059438	4059506	+	3	69	TTG	TGA	0	0	
mORF_+_4059543	4059543	4059626	+	3	84	ATG	TGA	0	0	
mORF_+_4059645	4059645	4059656	+	3	12	ATG	TAA	0	0	
mORF_+_4059663	4059663	4059734	+	3	72	ATG	TGA	0	0	
mORF_+_4059738	4059738	4059767	+	3	30	ATG	TAA	0	0	
mORF_+_4059807	4059807	4059815	+	3	9	ATG	TGA	0	0	
mORF_+_4059831	4059831	4059893	+	3	63	GTG	TAA	0	0	
mORF_+_4059912	4059912	4059932	+	3	21	GTG	TGA	0	0	
mORF_+_4059939	4059939	4060028	+	3	90	ATG	TGA	0	0	
mORF_+_4060006	4060006	4060032	+	1	27	GTG	TGA	0	0	
mORF_+_4060029	4060029	4060106	+	3	78	GTG	TAA	0	0	
mORF_+_4060110	4060110	4060160	+	3	51	ATG	TGA	0	0	
mORF_+_4060208	4060208	4060261	+	2	54	ATG	TAG	0	0	
mORF_+_4060212	4060212	4060244	+	3	33	ATG	TGA	0	0	
mORF_+_4060265	4060265	4060309	+	2	45	ATG	TAA	0	0	
mORF_+_4060270	4060270	4061535	+	1	1266	ATG	TAA	0	0	
mORF_+_4060287	4060287	4060301	+	3	15	ATG	TAG	0	0	
mORF_+_4060314	4060314	4060334	+	3	21	GTG	TAA	0	0	

mORF_+_4060316	4060316	4060348	+	2	33	GTG	TGA	0	0
mORF_+_4060352	4060352	4060390	+	2	39	ATG	TGA	0	0
mORF_+_4060394	4060394	4060423	+	2	30	ATG	TAA	0	0
mORF_+_4060430	4060430	4060540	+	2	111	TTG	TGA	0	0
mORF_+_4060557	4060557	4060652	+	3	96	TTG	TAG	0	0
mORF_+_4060571	4060571	4060606	+	2	36	TTG	TGA	0	0
mORF_+_4060673	4060673	4060765	+	2	93	TTG	TAG	0	0
mORF_+_4060799	4060799	4060804	+	2	6	TTG	TGA	0	0
mORF_+_4060805	4060805	4060813	+	2	9	TTG	TAG	0	0
mORF_+_4060829	4060829	4060837	+	2	9	TTG	TGA	0	0
mORF_+_4060838	4060838	4060870	+	2	33	ATG	TGA	0	0
mORF_+_4060976	4060976	4060984	+	2	9	GTG	TGA	0	0
mORF_+_4061027	4061027	4061071	+	2	45	TTG	TGA	0	0
mORF_+_4061078	4061078	4061101	+	2	24	TTG	TGA	0	0
mORF_+_4061139	4061139	4061159	+	3	21	ATG	TAG	0	0
mORF_+_4061226	4061226	4061306	+	3	81	ATG	TGA	0	0
mORF_+_4061240	4061240	4061251	+	2	12	TTG	TAG	0	0
mORF_+_4061276	4061276	4061401	+	2	126	TTG	TAA	0	0
mORF_+_4061414	4061414	4061479	+	2	66	TTG	TAA	0	0
mORF_+_4061539	4061539	4061556	+	1	18	ATG	TAA	0	0
mORF_+_4061547	4061547	4061735	+	3	189	ATG	TAA	0	0
mORF_+_4061549	4061549	4061716	+	2	168	GTG	TAA	0	0
mORF_+_4061662	4061662	4061697	+	1	36	TTG	TAA	0	0
mORF_+_4061725	4061725	4061922	+	1	198	GTG	TGA	0	0
mORF_+_4061750	4061750	4061770	+	2	21	GTG	TGA	0	0
mORF_+_4061783	4061783	4061818	+	2	36	TTG	TAA	0	0
mORF_+_4061820	4061820	4061852	+	3	33	GTG	TGA	0	0
mORF_+_4061849	4061849	4061869	+	2	21	GTG	TAG	0	0
mORF_+_4061870	4061870	4061884	+	2	15	GTG	TAG	0	0
mORF_+_4061885	4061885	4061929	+	2	45	GTG	TAG	0	0
mORF_+_4061919	4061919	4061966	+	3	48	TTG	TAA	0	0
mORF_+_4061935	4061935	4062039	+	1	105	ATG	TAA	0	0
mORF_+_4061970	4061970	4061990	+	3	21	ATG	TGA	0	0
mORF_+_4061987	4061987	4062136	+	2	150	TTG	TGA	0	0
mORF_+_4062069	4062069	4062077	+	3	9	TTG	TAA	0	0
mORF_+_4062112	4062112	4062120	+	1	9	ATG	TAG	0	0
mORF_+_4062140	4062140	4062145	+	2	6	TTG	TAG	0	0
mORF_+_4062149	4062149	4062187	+	2	39	TTG	TAA	0	0
mORF_+_4062231	4062231	4062308	+	3	78	ATG	TAA	0	0
mORF_+_4062363	4062363	4062491	+	3	129	ATG	TAA	0	0
mORF_+_4062379	4062379	4062447	+	1	69	TTG	TGA	0	0
mORF_+_4062440	4062440	4062568	+	2	129	TTG	TAA	0	0
mORF_+_4062463	4062463	4062483	+	1	21	ATG	TGA	0	0
mORF_+_4062484	4062484	4062519	+	1	36	GTG	TAA	0	0
mORF_+_4062520	4062520	4062543	+	1	24	TTG	TAA	0	0
mORF_+_4062546	4062546	4062554	+	3	9	ATG	TGA	0	0
mORF_+_4062568	4062568	4062621	+	1	54	ATG	TAA	0	0
mORF_+_4062581	4062581	4062913	+	2	333	TTG	TAA	0	0
mORF_+_4062588	4062588	4062602	+	3	15	ATG	TAA	0	0
mORF_+_4062621	4062621	4062674	+	3	54	ATG	TAA	0	0
mORF_+_4062643	4062643	4062804	+	1	162	GTG	TGA	0	0
mORF_+_4062774	4062774	4062836	+	3	63	GTG	TAA	0	0
mORF_+_4062867	4062867	4062881	+	3	15	ATG	TAA	0	0
mORF_+_4062913	4062913	4062936	+	1	24	ATG	TGA	0	0
mORF_+_4062933	4062933	4063007	+	3	75	ATG	TAA	0	0
mORF_+_4063026	4063026	4063154	+	3	129	TTG	TAA	0	0
mORF_+_4063036	4063036	4063059	+	1	24	ATG	TAG	0	0
mORF_+_4063078	4063078	4063113	+	1	36	ATG	TGA	0	0
mORF_+_4063127	4063127	4063243	+	2	117	ATG	TGA	0	0
mORF_+_4063135	4063135	4063164	+	1	30	TTG	TGA	0	0
mORF_+_4063161	4063161	4063175	+	3	15	TTG	TAG	0	0
mORF_+_4063203	4063203	4063232	+	3	30	ATG	TAA	0	0
mORF_+_4063216	4063216	4063272	+	1	57	GTG	TAA	0	0

mORF_+_4063299	4063299	4063322	+	3	24	ATG	TAA	0	0
mORF_+_4063303	4063303	4063359	+	1	57	TTG	TAA	0	0
mORF_+_4063353	4063353	4063640	+	3	288	TTG	TAG	0	0
mORF_+_4063360	4063360	4063422	+	1	63	TTG	TAA	0	0
mORF_+_4063486	4063486	4063524	+	1	39	TTG	TAA	0	0
mORF_+_4063674	4063674	4063736	+	3	63	TTG	TAG	0	0
mORF_+_4063765	4063765	4063791	+	1	27	ATG	TAA	0	0
mORF_+_4063778	4063778	4063804	+	2	27	ATG	TAA	0	0
mORF_+_4063839	4063839	4063901	+	3	63	GTG	TAG	0	0
mORF_+_4063920	4063920	4063949	+	3	30	ATG	TAG	0	0
mORF_+_4063936	4063936	4063953	+	1	18	GTG	TGA	0	0
mORF_+_4063950	4063950	4064012	+	3	63	ATG	TAG	0	0
mORF_+_4063982	4063982	4064185	+	2	204	GTG	TGA	0	0
mORF_+_4063993	4063993	4064082	+	1	90	GTG	TAA	0	0
mORF_+_4064067	4064067	4064093	+	3	27	TTG	TAG	0	0
mORF_+_4064118	4064118	4064246	+	3	129	GTG	TAG	0	0
mORF_+_4064247	4064247	4064291	+	3	45	TTG	TAA	0	0
mORF_+_4064301	4064301	4064417	+	3	117	TTG	TAA	0	0
mORF_+_4064427	4064427	4064570	+	3	144	ATG	TAA	0	0
mORF_+_4064506	4064506	4064550	+	1	45	TTG	TAG	0	0
mORF_+_4064519	4064519	4064623	+	2	105	TTG	TGA	0	0
mORF_+_4064620	4064620	4064673	+	1	54	GTG	TAA	0	0
mORF_+_4064631	4064631	4064648	+	3	18	GTG	TAG	0	0
mORF_+_4064654	4064654	4064752	+	2	99	TTG	TGA	0	0
mORF_+_4064700	4064700	4064735	+	3	36	GTG	TGA	0	0
mORF_+_4064740	4064740	4064778	+	1	39	ATG	TGA	0	0
mORF_+_4064763	4064763	4064801	+	3	39	TTG	TAG	0	0
mORF_+_4064791	4064791	4064820	+	1	30	TTG	TGA	0	0
mORF_+_4064814	4064814	4064834	+	3	21	ATG	TAA	0	0
mORF_+_4064850	4064850	4065059	+	3	210	GTG	TAG	0	0
mORF_+_4064884	4064884	4064919	+	1	36	GTG	TGA	0	0
mORF_+_4064926	4064926	4064943	+	1	18	ATG	TAA	0	0
mORF_+_4064962	4064962	4064994	+	1	33	TTG	TAA	0	0
mORF_+_4065031	4065031	4065048	+	1	18	TTG	TAA	0	0
mORF_+_4065060	4065060	4065089	+	3	30	GTG	TAA	0	0
mORF_+_4065126	4065126	4065155	+	3	30	ATG	TAA	0	0
mORF_+_4065187	4065187	4065207	+	1	21	TTG	TGA	0	0
mORF_+_4065204	4065204	4065212	+	3	9	GTG	TGA	0	0
mORF_+_4065209	4065209	4065262	+	2	54	GTG	TGA	0	0
mORF_+_4065220	4065220	4065240	+	1	21	ATG	TGA	0	0
mORF_+_4065231	4065231	4065266	+	3	36	TTG	TAG	0	0
mORF_+_4065259	4065259	4065348	+	1	90	GTG	TAA	0	0
mORF_+_4065267	4065267	4065317	+	3	51	ATG	TAA	0	0
mORF_+_4065330	4065330	4065416	+	3	87	TTG	TAG	0	0
mORF_+_4065389	4065389	4065475	+	2	87	GTG	TAA	0	0
mORF_+_4065462	4065462	4065485	+	3	24	ATG	TGA	0	0
mORF_+_4065495	4065495	4065500	+	3	6	GTG	TAA	0	0
mORF_+_4065501	4065501	4065521	+	3	21	GTG	TAA	0	0
mORF_+_4065503	4065503	4066348	+	2	846	GTG	TGA	0	0
mORF_+_4065600	4065600	4065779	+	3	180	GTG	TAA	0	0
mORF_+_4065786	4065786	4065989	+	3	204	ATG	TAG	0	0
mORF_+_4065817	4065817	4065927	+	1	111	TTG	TAG	0	0
mORF_+_4066059	4066059	4066154	+	3	96	GTG	TAG	0	0
mORF_+_4066167	4066167	4066190	+	3	24	GTG	TAA	0	0
mORF_+_4066234	4066234	4066299	+	1	66	TTG	TGA	0	0
mORF_+_4066296	4066296	4066304	+	3	9	TTG	TAG	0	0
mORF_+_4066341	4066341	4066364	+	3	24	ATG	TAG	0	0
mORF_+_4066345	4066345	4066455	+	1	111	GTG	TGA	0	0
mORF_+_4066355	4066355	4066585	+	2	231	TTG	TAA	0	0
mORF_+_4066401	4066401	4066517	+	3	117	TTG	TGA	0	0
mORF_+_4066518	4066518	4066541	+	3	24	ATG	TAA	0	0
mORF_+_4066602	4066602	4066697	+	3	96	ATG	TAG	0	0
mORF_+_4066606	4066606	4066680	+	1	75	ATG	TAA	0	0

mORF_+_4066661	4066661	4066858	+	2	198	ATG	TAG	0	0
mORF_+_4066731	4066731	4066769	+	3	39	GTG	TAA	0	0
mORF_+_4066750	4066750	4066812	+	1	63	GTG	TGA	0	0
mORF_+_4066791	4066791	4066817	+	3	27	TTG	TAG	0	0
mORF_+_4066824	4066824	4066889	+	3	66	TTG	TAG	0	0
mORF_+_4066916	4066916	4066981	+	2	66	ATG	TAG	0	0
mORF_+_4066956	4066956	4067003	+	3	48	TTG	TGA	0	0
mORF_+_4067025	4067025	4067057	+	3	33	GTG	TGA	0	0
mORF_+_4067054	4067054	4067062	+	2	9	ATG	TAA	0	0
mORF_+_4067074	4067074	4067085	+	1	12	GTG	TGA	0	0
mORF_+_4067088	4067088	4067228	+	3	141	ATG	TGA	0	0
mORF_+_4067204	4067204	4067212	+	2	9	ATG	TAA	0	0
mORF_+_4067222	4067222	4067236	+	2	15	TTG	TAG	0	0
mORF_+_4067258	4067258	4067275	+	2	18	ATG	TAA	0	0
mORF_+_4067281	4067281	4067301	+	1	21	GTG	TAA	0	0
mORF_+_4067317	4067317	4067361	+	1	45	TTG	TAA	0	0
mORF_+_4067363	4067363	4067422	+	2	60	ATG	TAA	0	0
mORF_+_4067427	4067427	4067459	+	3	33	TTG	TGA	0	0
mORF_+_4067440	4067440	4067487	+	1	48	ATG	TAA	0	0
mORF_+_4067456	4067456	4067548	+	2	93	GTG	TGA	0	0
mORF_+_4067663	4067663	4067794	+	2	132	TTG	TAA	0	0
mORF_+_4067698	4067698	4067709	+	1	12	GTG	TAA	0	0
mORF_+_4067709	4067709	4067816	+	3	108	ATG	TGA	0	0
mORF_+_4067758	4067758	4067787	+	1	30	TTG	TGA	0	0
mORF_+_4067810	4067810	4067899	+	2	90	GTG	TAA	0	0
mORF_+_4067821	4067821	4068000	+	1	180	TTG	TGA	0	0
mORF_+_4067901	4067901	4067915	+	3	15	TTG	TAA	0	0
mORF_+_4067918	4067918	4068019	+	2	102	ATG	TGA	0	0
mORF_+_4067949	4067949	4068008	+	3	60	GTG	TAA	0	0
mORF_+_4068016	4068016	4068030	+	1	15	GTG	TAA	0	0
mORF_+_4068078	4068078	4068128	+	3	51	GTG	TGA	0	0
mORF_+_4068098	4068098	4068142	+	2	45	TTG	TGA	0	0
mORF_+_4068139	4068139	4068156	+	1	18	TTG	TAA	0	0
mORF_+_4068146	4068146	4068163	+	2	18	ATG	TAA	0	0
mORF_+_4068156	4068156	4068167	+	3	12	ATG	TGA	0	0
mORF_+_4068198	4068198	4068284	+	3	87	TTG	TGA	0	0
mORF_+_4068239	4068239	4068280	+	2	42	ATG	TAA	0	0
mORF_+_4068281	4068281	4068301	+	2	21	ATG	TAA	0	0
mORF_+_4068330	4068330	4068341	+	3	12	ATG	TGA	0	0
mORF_+_4068338	4068338	4068361	+	2	24	GTG	TGA	0	0
mORF_+_4068358	4068358	4068393	+	1	36	GTG	TGA	0	0
mORF_+_4068380	4068380	4068418	+	2	39	ATG	TAA	0	0
mORF_+_4068387	4068387	4068551	+	3	165	TTG	TAA	0	0
mORF_+_4068584	4068584	4068634	+	2	51	ATG	TGA	0	0
mORF_+_4068622	4068622	4068957	+	1	336	ATG	TAG	0	0
mORF_+_4068647	4068647	4068718	+	2	72	TTG	TAG	0	0
mORF_+_4068734	4068734	4068757	+	2	24	ATG	TGA	0	0
mORF_+_4068750	4068750	4068788	+	3	39	ATG	TGA	0	0
mORF_+_4068785	4068785	4068796	+	2	12	GTG	TAG	0	0
mORF_+_4068816	4068816	4068830	+	3	15	TTG	TAG	0	0
mORF_+_4068906	4068906	4068935	+	3	30	GTG	TAA	0	0
mORF_+_4068926	4068926	4069093	+	2	168	GTG	TAA	0	0
mORF_+_4068963	4068963	4069133	+	3	171	ATG	TAA	0	0
mORF_+_4068973	4068973	4069017	+	1	45	TTG	TAA	0	0
mORF_+_4069036	4069036	4069674	+	1	639	GTG	TAA	0	0
mORF_+_4069208	4069208	4069216	+	2	9	TTG	TGA	0	0
mORF_+_4069217	4069217	4069228	+	2	12	GTG	TAA	0	0
mORF_+_4069259	4069259	4069372	+	2	114	TTG	TAA	0	0
mORF_+_4069382	4069382	4069399	+	2	18	TTG	TGA	0	0
mORF_+_4069404	4069404	4069409	+	3	6	TTG	TGA	0	0
mORF_+_4069406	4069406	4069447	+	2	42	GTG	TGA	0	0
mORF_+_4069457	4069457	4069552	+	2	96	TTG	TGA	0	0
mORF_+_4069524	4069524	4069544	+	3	21	GTG	TGA	0	0

mORF_+_4069622	4069622	4069846	+	2	225	GTG	TAA	0	0	
mORF_+_4069753	4069753	4069761	+	1	9	GTG	TAG	0	0	
mORF_+_4069852	4069852	4070022	+	1	171	GTG	TGA	0	0	
mORF_+_4069881	4069881	4070081	+	3	201	TTG	TAA	0	0	
mORF_+_4070024	4070024	4070044	+	2	21	ATG	TGA	0	0	
mORF_+_4070041	4070041	4070145	+	1	105	GTG	TGA	0	0	
mORF_+_4070060	4070060	4070224	+	2	165	TTG	TGA	0	0	
mORF_+_4070097	4070097	4070102	+	3	6	TTG	TAG	0	0	
mORF_+_4070130	4070130	4070465	+	3	336	TTG	TAG	0	0	
mORF_+_4070182	4070182	4070205	+	1	24	GTG	TGA	0	0	
mORF_+_4070221	4070221	4070241	+	1	21	GTG	TGA	0	0	
mORF_+_4070225	4070225	4070308	+	2	84	GTG	TAA	0	0	
mORF_+_4070324	4070324	4070338	+	2	15	TTG	TAG	0	0	
mORF_+_4070444	4070444	4070542	+	2	99	TTG	TAA	0	0	
mORF_+_4070515	4070515	4070526	+	1	12	TTG	TAA	0	0	
mORF_+_4070529	4070529	4070609	+	3	81	TTG	TGA	0	0	
mORF_+_4070566	4070566	4070649	+	1	84	GTG	TAA	0	0	
mORF_+_4070622	4070622	4070732	+	3	111	ATG	TGA	0	0	
mORF_+_4070711	4070711	4070800	+	2	90	TTG	TAA	0	0	
mORF_+_4070808	4070808	4070897	+	3	90	GTG	TGA	0	0	
mORF_+_4070836	4070836	4071195	+	1	360	ATG	TAA	1	3	pORF_+_4070836
mORF_+_4070846	4070846	4070953	+	2	108	TTG	TGA	0	0	
mORF_+_4070931	4070931	4070948	+	3	18	TTG	TGA	0	0	
mORF_+_4070984	4070984	4071070	+	2	87	TTG	TAG	0	0	
mORF_+_4071071	4071071	4071520	+	2	450	TTG	TGA	0	0	
mORF_+_4071150	4071150	4071209	+	3	60	GTG	TAA	0	0	
mORF_+_4071216	4071216	4071254	+	3	39	TTG	TGA	0	0	
mORF_+_4071265	4071265	4071342	+	1	78	TTG	TAA	0	0	
mORF_+_4071478	4071478	4071537	+	1	60	ATG	TAA	0	0	
mORF_+_4071539	4071539	4071607	+	2	69	TTG	TGA	0	0	
mORF_+_4071549	4071549	4071578	+	3	30	TTG	TAA	0	0	
mORF_+_4071562	4071562	4071570	+	1	9	TTG	TAA	0	0	
mORF_+_4071585	4071585	4071596	+	3	12	TTG	TAA	0	0	
mORF_+_4071616	4071616	4071693	+	1	78	ATG	TGA	0	0	
mORF_+_4071626	4071626	4071721	+	2	96	TTG	TGA	0	0	
mORF_+_4071645	4071645	4071662	+	3	18	TTG	TGA	0	0	
mORF_+_4071669	4071669	4071674	+	3	6	TTG	TAA	0	0	
mORF_+_4071690	4071690	4071710	+	3	21	TTG	TAA	0	0	
mORF_+_4071715	4071715	4071732	+	1	18	TTG	TGA	0	0	
mORF_+_4071729	4071729	4071752	+	3	24	ATG	TAA	0	0	
mORF_+_4071745	4071745	4071759	+	1	15	ATG	TGA	0	0	
mORF_+_4071756	4071756	4072658	+	3	903	ATG	TAA	0	0	
mORF_+_4071769	4071769	4071783	+	1	15	GTG	TAG	0	0	
mORF_+_4071776	4071776	4071841	+	2	66	TTG	TAA	0	0	
mORF_+_4071868	4071868	4071945	+	1	78	TTG	TAG	0	0	
mORF_+_4071946	4071946	4072080	+	1	135	GTG	TAA	0	0	
mORF_+_4072121	4072121	4072138	+	2	18	GTG	TGA	0	0	
mORF_+_4072135	4072135	4072227	+	1	93	TTG	TGA	0	0	
mORF_+_4072148	4072148	4072192	+	2	45	GTG	TAA	0	0	
mORF_+_4072267	4072267	4072284	+	1	18	GTG	TAA	0	0	
mORF_+_4072348	4072348	4072356	+	1	9	GTG	TAA	0	0	
mORF_+_4072378	4072378	4072395	+	1	18	ATG	TGA	0	0	
mORF_+_4072429	4072429	4072473	+	1	45	ATG	TAG	0	0	
mORF_+_4072483	4072483	4072542	+	1	60	GTG	TAG	0	0	
mORF_+_4072567	4072567	4072572	+	1	6	GTG	TAG	0	0	
mORF_+_4072583	4072583	4072618	+	2	36	ATG	TGA	0	0	
mORF_+_4072597	4072597	4072671	+	1	75	GTG	TGA	0	0	
mORF_+_4072668	4072668	4073477	+	3	810	GTG	TAG	4	17	pORF_+_4072668
mORF_+_4072756	4072756	4072767	+	1	12	GTG	TGA	0	0	
mORF_+_4072771	4072771	4072836	+	1	66	TTG	TAA	0	0	
mORF_+_4072867	4072867	4073061	+	1	195	GTG	TAA	0	0	
mORF_+_4073077	4073077	4073118	+	1	42	GTG	TGA	0	0	
mORF_+_4073161	4073161	4073214	+	1	54	TTG	TAA	0	0	

mORF_+_4073221	4073221	4073250	+	1	30	TTG	TGA	0	0	
mORF_+_4073257	4073257	4073265	+	1	9	TTG	TAA	0	0	
mORF_+_4073341	4073341	4073421	+	1	81	ATG	TAA	0	0	
mORF_+_4073446	4073446	4073487	+	1	42	TTG	TGA	0	0	
mORF_+_4073484	4073484	4073519	+	3	36	GTG	TAG	0	0	
mORF_+_4073509	4073509	4073592	+	1	84	TTG	TGA	0	0	
mORF_+_4073553	4073553	4073597	+	3	45	TTG	TAG	0	0	
mORF_+_4073555	4073555	4074175	+	2	621	GTG	TAA	5	28	pORF_+_4073555
mORF_+_4073601	4073601	4073606	+	3	6	ATG	TGA	0	0	
mORF_+_4073607	4073607	4073654	+	3	48	TTG	TAA	0	0	
mORF_+_4073715	4073715	4073783	+	3	69	ATG	TAA	0	0	
mORF_+_4073758	4073758	4073766	+	1	9	GTG	TGA	0	0	
mORF_+_4073820	4073820	4073843	+	3	24	TTG	TGA	0	0	
mORF_+_4073865	4073865	4074089	+	3	225	GTG	TAG	0	0	
mORF_+_4074169	4074169	4075041	+	1	873	ATG	TGA	0	0	
mORF_+_4074216	4074216	4074251	+	3	36	ATG	TGA	0	0	
mORF_+_4074248	4074248	4074265	+	2	18	TTG	TGA	0	0	
mORF_+_4074284	4074284	4074310	+	2	27	TTG	TAG	0	0	
mORF_+_4074320	4074320	4074472	+	2	153	TTG	TGA	0	0	
mORF_+_4074479	4074479	4074496	+	2	18	TTG	TGA	0	0	
mORF_+_4074486	4074486	4074533	+	3	48	GTG	TAG	0	0	
mORF_+_4074735	4074735	4074788	+	3	54	GTG	TAA	0	0	
mORF_+_4074764	4074764	4074910	+	2	147	TTG	TGA	0	0	
mORF_+_4074923	4074923	4075003	+	2	81	TTG	TAA	0	0	
mORF_+_4074927	4074927	4075016	+	3	90	TTG	TGA	0	0	
mORF_+_4075038	4075038	4075475	+	3	438	ATG	TGA	2	9	pORF_+_4075038
mORF_+_4075042	4075042	4075050	+	1	9	TTG	TAA	0	0	
mORF_+_4075066	4075066	4075095	+	1	30	GTG	TGA	0	0	
mORF_+_4075105	4075105	4075224	+	1	120	TTG	TGA	0	0	
mORF_+_4075172	4075172	4075204	+	2	33	GTG	TAG	0	0	
mORF_+_4075252	4075252	4075392	+	1	141	GTG	TGA	0	0	
mORF_+_4075441	4075441	4075455	+	1	15	ATG	TGA	0	0	
mORF_+_4075472	4075472	4076461	+	2	990	ATG	TAG	12	30	pORF_+_4075472
mORF_+_4075633	4075633	4075680	+	1	48	GTG	TAA	0	0	
mORF_+_4075638	4075638	4075694	+	3	57	ATG	TAG	0	0	
mORF_+_4075710	4075710	4075775	+	3	66	ATG	TAG	0	0	
mORF_+_4075848	4075848	4075940	+	3	93	GTG	TGA	0	0	
mORF_+_4075965	4075965	4076186	+	3	222	ATG	TGA	0	0	
mORF_+_4075990	4075990	4076034	+	1	45	GTG	TAG	0	0	
mORF_+_4076167	4076167	4076196	+	1	30	TTG	TGA	0	0	
mORF_+_4076193	4076193	4076279	+	3	87	GTG	TAG	0	0	
mORF_+_4076289	4076289	4076297	+	3	9	GTG	TAA	0	0	
mORF_+_4076361	4076361	4076465	+	3	105	TTG	TGA	0	0	
mORF_+_4076465	4076465	4076536	+	2	72	ATG	TAA	0	0	
mORF_+_4076478	4076478	4076540	+	3	63	GTG	TAA	0	0	
mORF_+_4076515	4076515	4076670	+	1	156	TTG	TAG	0	0	
mORF_+_4076583	4076583	4076624	+	3	42	TTG	TAG	0	0	
mORF_+_4076631	4076631	4076657	+	3	27	GTG	TAA	0	0	
mORF_+_4076674	4076674	4076730	+	1	57	ATG	TAA	0	0	
mORF_+_4076678	4076678	4076692	+	2	15	TTG	TGA	0	0	
mORF_+_4076711	4076711	4076740	+	2	30	GTG	TAA	0	0	
mORF_+_4076762	4076762	4076773	+	2	12	ATG	TAA	0	0	
mORF_+_4076773	4076773	4076781	+	1	9	ATG	TAG	0	0	
mORF_+_4076787	4076787	4076828	+	3	42	TTG	TAA	0	0	
mORF_+_4076816	4076816	4076824	+	2	9	ATG	TGA	0	0	
mORF_+_4076821	4076821	4076979	+	1	159	ATG	TAA	0	0	
mORF_+_4076831	4076831	4076851	+	2	21	ATG	TAA	0	0	
mORF_+_4076838	4076838	4076888	+	3	51	ATG	TAA	0	0	
mORF_+_4076855	4076855	4076872	+	2	18	GTG	TAA	0	0	
mORF_+_4076876	4076876	4076926	+	2	51	TTG	TAG	0	0	
mORF_+_4076987	4076987	4077013	+	2	27	TTG	TGA	0	0	
mORF_+_4077010	4077010	4077024	+	1	15	GTG	TAA	0	0	
mORF_+_4077042	4077042	4077059	+	3	18	GTG	TGA	0	0	

mORF_+_4077053	4077053	4077148	+	2	96	ATG	TAA	0	0
mORF_+_4077160	4077160	4077174	+	1	15	TTG	TGA	0	0
mORF_+_4077171	4077171	4077269	+	3	99	ATG	TAA	0	0
mORF_+_4077230	4077230	4077256	+	2	27	ATG	TGA	0	0
mORF_+_4077253	4077253	4077294	+	1	42	ATG	TAA	0	0
mORF_+_4077287	4077287	4077532	+	2	246	ATG	TGA	0	0
mORF_+_4077298	4077298	4077303	+	1	6	ATG	TAA	0	0
mORF_+_4077495	4077495	4077614	+	3	120	TTG	TAA	0	0
mORF_+_4077511	4077511	4077516	+	1	6	GTG	TAA	0	0
mORF_+_4077529	4077529	4077552	+	1	24	ATG	TGA	0	0
mORF_+_4077566	4077566	4077586	+	2	21	ATG	TAA	0	0
mORF_+_4077665	4077665	4077679	+	2	15	ATG	TGA	0	0
mORF_+_4077676	4077676	4077690	+	1	15	ATG	TAA	0	0
mORF_+_4077730	4077730	4077753	+	1	24	ATG	TGA	0	0
mORF_+_4077750	4077750	4077992	+	3	243	ATG	TAA	0	0
mORF_+_4077802	4077802	4077810	+	1	9	ATG	TGA	0	0
mORF_+_4077820	4077820	4077867	+	1	48	TTG	TAA	0	0
mORF_+_4077919	4077919	4078005	+	1	87	GTG	TGA	0	0
mORF_+_4077941	4077941	4077946	+	2	6	GTG	TGA	0	0
mORF_+_4077986	4077986	4078174	+	2	189	ATG	TAA	0	0
mORF_+_4078002	4078002	4078058	+	3	57	ATG	TGA	0	0
mORF_+_4078048	4078048	4078203	+	1	156	ATG	TGA	0	0
mORF_+_4078185	4078185	4078241	+	3	57	GTG	TAA	0	0
mORF_+_4078235	4078235	4078285	+	2	51	GTG	TAA	0	0
mORF_+_4078257	4078257	4078373	+	3	117	ATG	TAG	0	0
mORF_+_4078379	4078379	4078624	+	2	246	TTG	TAG	0	0
mORF_+_4078390	4078390	4078503	+	1	114	GTG	TAA	0	0
mORF_+_4078473	4078473	4078535	+	3	63	GTG	TAA	0	0
mORF_+_4078542	4078542	4078619	+	3	78	TTG	TAA	0	0
mORF_+_4078632	4078632	4078691	+	3	60	GTG	TGA	0	0
mORF_+_4078643	4078643	4079155	+	2	513	TTG	TAA	0	0
mORF_+_4078719	4078719	4078754	+	3	36	TTG	TAG	0	0
mORF_+_4078762	4078762	4078776	+	1	15	GTG	TAA	0	0
mORF_+_4078855	4078855	4079010	+	1	156	ATG	TAA	0	0
mORF_+_4078986	4078986	4079096	+	3	111	TTG	TAA	0	0
mORF_+_4079148	4079148	4079327	+	3	180	TTG	TAA	0	0
mORF_+_4079212	4079212	4079406	+	1	195	TTG	TAA	0	0
mORF_+_4079228	4079228	4079302	+	2	75	TTG	TGA	0	0
mORF_+_4079342	4079342	4079380	+	2	39	ATG	TAG	0	0
mORF_+_4079390	4079390	4079479	+	2	90	ATG	TAA	0	0
mORF_+_4079421	4079421	4079492	+	3	72	ATG	TAA	0	0
mORF_+_4079425	4079425	4079436	+	1	12	ATG	TAA	0	0
mORF_+_4079573	4079573	4079653	+	2	81	GTG	TGA	0	0
mORF_+_4079650	4079650	4079958	+	1	309	GTG	TAG	0	0
mORF_+_4079672	4079672	4079857	+	2	186	ATG	TAG	0	0
mORF_+_4079736	4079736	4079747	+	3	12	GTG	TGA	0	0
mORF_+_4079864	4079864	4079983	+	2	120	ATG	TAG	0	0
mORF_+_4079907	4079907	4080569	+	3	663	GTG	TAA	0	0
mORF_+_4080016	4080016	4080072	+	1	57	ATG	TGA	0	0
mORF_+_4080080	4080080	4080112	+	2	33	TTG	TGA	0	0
mORF_+_4080085	4080085	4080162	+	1	78	TTG	TAA	0	0
mORF_+_4080116	4080116	4080334	+	2	219	GTG	TGA	0	0
mORF_+_4080307	4080307	4080312	+	1	6	TTG	TAG	0	0
mORF_+_4080319	4080319	4080372	+	1	54	TTG	TAA	0	0
mORF_+_4080382	4080382	4080426	+	1	45	ATG	TGA	0	0
mORF_+_4080431	4080431	4080676	+	2	246	TTG	TAA	0	0
mORF_+_4080493	4080493	4080648	+	1	156	TTG	TGA	0	0
mORF_+_4080670	4080670	4080720	+	1	51	GTG	TGA	0	0
mORF_+_4080757	4080757	4080768	+	1	12	ATG	TGA	0	0
mORF_+_4080765	4080765	4080872	+	3	108	TTG	TAA	0	0
mORF_+_4080844	4080844	4080912	+	1	69	GTG	TAG	0	0
mORF_+_4080863	4080863	4080886	+	2	24	ATG	TAA	0	0
mORF_+_4080918	4080918	4081778	+	3	861	GTG	TGA	0	0

mORF_+_4080934	4080934	4081008	+	1	75	ATG	TAG	0	0	
mORF_+_4081015	4081015	4081137	+	1	123	TTG	TAG	0	0	
mORF_+_4081162	4081162	4081296	+	1	135	GTG	TAG	0	0	
mORF_+_4081199	4081199	4081219	+	2	21	ATG	TAA	0	0	
mORF_+_4081226	4081226	4081246	+	2	21	GTG	TAA	0	0	
mORF_+_4081250	4081250	4081267	+	2	18	TTG	TAG	0	0	
mORF_+_4081348	4081348	4081407	+	1	60	ATG	TAG	0	0	
mORF_+_4081435	4081435	4081458	+	1	24	GTG	TGA	0	0	
mORF_+_4081513	4081513	4081803	+	1	291	ATG	TAG	0	0	
mORF_+_4081532	4081532	4081684	+	2	153	ATG	TAA	0	0	
mORF_+_4081718	4081718	4081732	+	2	15	TTG	TAA	0	0	
mORF_+_4081781	4081781	4081966	+	2	186	ATG	TAA	0	0	
mORF_+_4081788	4081788	4081949	+	3	162	ATG	TAA	0	0	
mORF_+_4081813	4081813	4082193	+	1	381	ATG	TAG	0	0	
mORF_+_4082000	4082000	4082077	+	2	78	ATG	TAG	0	0	
mORF_+_4082058	4082058	4082162	+	3	105	GTG	TGA	0	0	
mORF_+_4082093	4082093	4082107	+	2	15	GTG	TGA	0	0	
mORF_+_4082159	4082159	4082176	+	2	18	ATG	TAA	0	0	
mORF_+_4082197	4082197	4082244	+	1	48	TTG	TAG	0	0	
mORF_+_4082229	4082229	4082993	+	3	765	TTG	TGA	0	0	
mORF_+_4082347	4082347	4082358	+	1	12	TTG	TAG	0	0	
mORF_+_4082384	4082384	4082401	+	2	18	TTG	TAA	0	0	
mORF_+_4082389	4082389	4082406	+	1	18	GTG	TAG	0	0	
mORF_+_4082432	4082432	4082521	+	2	90	TTG	TAA	0	0	
mORF_+_4082443	4082443	4082448	+	1	6	ATG	TAA	0	0	
mORF_+_4082497	4082497	4082505	+	1	9	TTG	TGA	0	0	
mORF_+_4082545	4082545	4082649	+	1	105	TTG	TGA	0	0	
mORF_+_4082665	4082665	4082736	+	1	72	ATG	TAG	0	0	
mORF_+_4082696	4082696	4082878	+	2	183	TTG	TGA	0	0	
mORF_+_4082788	4082788	4082829	+	1	42	GTG	TAA	0	0	
mORF_+_4082851	4082851	4082871	+	1	21	TTG	TAG	0	0	
mORF_+_4082875	4082875	4082901	+	1	27	GTG	TAA	0	0	
mORF_+_4082926	4082926	4082934	+	1	9	TTG	TAG	0	0	
mORF_+_4082941	4082941	4083033	+	1	93	GTG	TAG	0	0	
mORF_+_4083094	4083094	4083099	+	1	6	TTG	TGA	0	0	
mORF_+_4083096	4083096	4083320	+	3	225	GTG	TAA	0	0	
mORF_+_4083103	4083103	4083138	+	1	36	TTG	TGA	0	0	
mORF_+_4083175	4083175	4083324	+	1	150	TTG	TAG	0	0	
mORF_+_4083224	4083224	4083382	+	2	159	ATG	TAA	0	0	
mORF_+_4083364	4083364	4083414	+	1	51	GTG	TAG	0	0	
mORF_+_4083402	4083402	4084103	+	3	702	TTG	TGA	0	0	
mORF_+_4083442	4083442	4083597	+	1	156	TTG	TGA	0	0	
mORF_+_4083575	4083575	4083589	+	2	15	GTG	TGA	0	0	
mORF_+_4083626	4083626	4083820	+	2	195	ATG	TAA	0	0	
mORF_+_4083631	4083631	4083693	+	1	63	TTG	TAG	0	0	
mORF_+_4083694	4083694	4083990	+	1	297	GTG	TAA	0	0	
mORF_+_4083926	4083926	4084003	+	2	78	TTG	TAA	0	0	
mORF_+_4084003	4084003	4084032	+	1	30	ATG	TAA	0	0	
mORF_+_4084013	4084013	4084042	+	2	30	GTG	TGA	0	0	
mORF_+_4084039	4084039	4084872	+	1	834	GTG	TAA	3	16	pORF_+_4084039
mORF_+_4084070	4084070	4084075	+	2	6	ATG	TGA	0	0	
mORF_+_4084088	4084088	4084141	+	2	54	GTG	TAG	0	0	
mORF_+_4084107	4084107	4084118	+	3	12	ATG	TGA	0	0	
mORF_+_4084142	4084142	4084201	+	2	60	ATG	TGA	0	0	
mORF_+_4084223	4084223	4084363	+	2	141	TTG	TGA	0	0	
mORF_+_4084400	4084400	4084537	+	2	138	GTG	TGA	0	0	
mORF_+_4084407	4084407	4084427	+	3	21	ATG	TAA	0	0	
mORF_+_4084542	4084542	4084598	+	3	57	TTG	TGA	0	0	
mORF_+_4084595	4084595	4084636	+	2	42	ATG	TAG	0	0	
mORF_+_4084673	4084673	4084738	+	2	66	GTG	TAG	0	0	
mORF_+_4084728	4084728	4084790	+	3	63	GTG	TGA	0	0	
mORF_+_4084748	4084748	4084780	+	2	33	TTG	TAG	0	0	
mORF_+_4084818	4084818	4084823	+	3	6	TTG	TAA	0	0	

mORF_+_4084902	4084902	4084925	+	3	24	TTG	TGA	0	0
mORF_+_4084922	4084922	4085092	+	2	171	GTG	TGA	0	0
mORF_+_4084956	4084956	4084961	+	3	6	GTG	TAG	0	0
mORF_+_4084986	4084986	4085015	+	3	30	ATG	TAA	0	0
mORF_+_4085025	4085025	4086080	+	3	1056	ATG	TAA	0	0
mORF_+_4085089	4085089	4085334	+	1	246	GTG	TGA	0	0
mORF_+_4085273	4085273	4085326	+	2	54	GTG	TGA	0	0
mORF_+_4085359	4085359	4085430	+	1	72	GTG	TAA	0	0
mORF_+_4085414	4085414	4085419	+	2	6	GTG	TGA	0	0
mORF_+_4085434	4085434	4085448	+	1	15	GTG	TAA	0	0
mORF_+_4085467	4085467	4085484	+	1	18	TTG	TGA	0	0
mORF_+_4085494	4085494	4085607	+	1	114	ATG	TAA	0	0
mORF_+_4085623	4085623	4085634	+	1	12	TTG	TAG	0	0
mORF_+_4085647	4085647	4085694	+	1	48	ATG	TGA	0	0
mORF_+_4085701	4085701	4085751	+	1	51	TTG	TGA	0	0
mORF_+_4085794	4085794	4085814	+	1	21	TTG	TGA	0	0
mORF_+_4086055	4086055	4086090	+	1	36	TTG	TGA	0	0
mORF_+_4086087	4086087	4086155	+	3	69	TTG	TAA	0	0
mORF_+_4086097	4086097	4086147	+	1	51	ATG	TAA	0	0
mORF_+_4086137	4086137	4086142	+	2	6	TTG	TGA	0	0
mORF_+_4086156	4086156	4086185	+	3	30	ATG	TAA	0	0
mORF_+_4086196	4086196	4086237	+	1	42	ATG	TAG	0	0
mORF_+_4086209	4086209	4086223	+	2	15	ATG	TAG	0	0
mORF_+_4086213	4086213	4086227	+	3	15	TTG	TAA	0	0
mORF_+_4086241	4086241	4086465	+	1	225	ATG	TAA	0	0
mORF_+_4086284	4086284	4086523	+	2	240	ATG	TAA	0	0
mORF_+_4086366	4086366	4086386	+	3	21	GTG	TAA	0	0
mORF_+_4086429	4086429	4086446	+	3	18	GTG	TAA	0	0
mORF_+_4086456	4086456	4086488	+	3	33	GTG	TAA	0	0
mORF_+_4086466	4086466	4086666	+	1	201	TTG	TAA	0	0
mORF_+_4086573	4086573	4086620	+	3	48	ATG	TAA	0	0
mORF_+_4086620	4086620	4086643	+	2	24	ATG	TAA	0	0
mORF_+_4086670	4086670	4086693	+	1	24	ATG	TAA	0	0
mORF_+_4086677	4086677	4086787	+	2	111	TTG	TGA	0	0
mORF_+_4086794	4086794	4086847	+	2	54	GTG	TGA	0	0
mORF_+_4086844	4086844	4086927	+	1	84	TTG	TAG	0	0
mORF_+_4086937	4086937	4087038	+	1	102	GTG	TAA	0	0
mORF_+_4086986	4086986	4087156	+	2	171	ATG	TGA	0	0
mORF_+_4087020	4087020	4087052	+	3	33	GTG	TAA	0	0
mORF_+_4087042	4087042	4087089	+	1	48	ATG	TGA	0	0
mORF_+_4087086	4087086	4087334	+	3	249	ATG	TGA	0	0
mORF_+_4087108	4087108	4087137	+	1	30	TTG	TGA	0	0
mORF_+_4087150	4087150	4087371	+	1	222	TTG	TAA	0	0
mORF_+_4087331	4087331	4087378	+	2	48	ATG	TGA	0	0
mORF_+_4087372	4087372	4087413	+	1	42	ATG	TAA	0	0
mORF_+_4087382	4087382	4087525	+	2	144	TTG	TAA	0	0
mORF_+_4087389	4087389	4087451	+	3	63	GTG	TAA	0	0
mORF_+_4087480	4087480	4087536	+	1	57	ATG	TAA	0	0
mORF_+_4087591	4087591	4087620	+	1	30	TTG	TAA	0	0
mORF_+_4087604	4087604	4087669	+	2	66	GTG	TGA	0	0
mORF_+_4087651	4087651	4087791	+	1	141	GTG	TGA	0	0
mORF_+_4087727	4087727	4087762	+	2	36	ATG	TAG	0	0
mORF_+_4087778	4087778	4087903	+	2	126	ATG	TAA	0	0
mORF_+_4087804	4087804	4087860	+	1	57	TTG	TAA	0	0
mORF_+_4087909	4087909	4087971	+	1	63	TTG	TAA	0	0
mORF_+_4087979	4087979	4088227	+	2	249	TTG	TAA	0	0
mORF_+_4087996	4087996	4088010	+	1	15	TTG	TAA	0	0
mORF_+_4088001	4088001	4088114	+	3	114	GTG	TAA	0	0
mORF_+_4088059	4088059	4088064	+	1	6	TTG	TAG	0	0
mORF_+_4088092	4088092	4088172	+	1	81	ATG	TAG	0	0
mORF_+_4088121	4088121	4088141	+	3	21	ATG	TAA	0	0
mORF_+_4088176	4088176	4088604	+	1	429	TTG	TGA	0	0
mORF_+_4088295	4088295	4088324	+	3	30	GTG	TAG	0	0

mORF_+_4088405	4088405	4088485	+	2	81	TTG	TAA	0	0
mORF_+_4088564	4088564	4088674	+	2	111	ATG	TGA	0	0
mORF_+_4088574	4088574	4088597	+	3	24	TTG	TAA	0	0
mORF_+_4088601	4088601	4088936	+	3	336	ATG	TAA	0	0
mORF_+_4088644	4088644	4088685	+	1	42	TTG	TGA	0	0
mORF_+_4088701	4088701	4088988	+	1	288	ATG	TAA	0	0
mORF_+_4088786	4088786	4088839	+	2	54	TTG	TGA	0	0
mORF_+_4088978	4088978	4089055	+	2	78	TTG	TAA	0	0
mORF_+_4089015	4089015	4089125	+	3	111	ATG	TGA	0	0
mORF_+_4089122	4089122	4089211	+	2	90	TTG	TAA	0	0
mORF_+_4089228	4089228	4089287	+	3	60	TTG	TAA	0	0
mORF_+_4089236	4089236	4089373	+	2	138	GTG	TAA	0	0
mORF_+_4089374	4089374	4089556	+	2	183	ATG	TAG	0	0
mORF_+_4089376	4089376	4089393	+	1	18	GTG	TGA	0	0
mORF_+_4089390	4089390	4089422	+	3	33	GTG	TGA	0	0
mORF_+_4089483	4089483	4089527	+	3	45	TTG	TGA	0	0
mORF_+_4089508	4089508	4089606	+	1	99	GTG	TGA	0	0
mORF_+_4089560	4089560	4089667	+	2	108	GTG	TAG	0	0
mORF_+_4089603	4089603	4089818	+	3	216	TTG	TGA	0	0
mORF_+_4089619	4089619	4089624	+	1	6	TTG	TAA	0	0
mORF_+_4089719	4089719	4089751	+	2	33	GTG	TAG	0	0
mORF_+_4089815	4089815	4089847	+	2	33	ATG	TAA	0	0
mORF_+_4089851	4089851	4090138	+	2	288	ATG	TAA	0	0
mORF_+_4089997	4089997	4090083	+	1	87	GTG	TAA	0	0
mORF_+_4090074	4090074	4090091	+	3	18	TTG	TGA	0	0
mORF_+_4090199	4090199	4090207	+	2	9	ATG	TAA	0	0
mORF_+_4090261	4090261	4090377	+	1	117	TTG	TAA	0	0
mORF_+_4090277	4090277	4090285	+	2	9	ATG	TGA	0	0
mORF_+_4090325	4090325	4090330	+	2	6	ATG	TAG	0	0
mORF_+_4090331	4090331	4090336	+	2	6	GTG	TGA	0	0
mORF_+_4090355	4090355	4090405	+	2	51	TTG	TGA	0	0
mORF_+_4090380	4090380	4090418	+	3	39	ATG	TGA	0	0
mORF_+_4090402	4090402	4090410	+	1	9	ATG	TGA	0	0
mORF_+_4090415	4090415	4090423	+	2	9	TTG	TAA	0	0
mORF_+_4090454	4090454	4090621	+	2	168	TTG	TAA	0	0
mORF_+_4090476	4090476	4090481	+	3	6	TTG	TGA	0	0
mORF_+_4090488	4090488	4090520	+	3	33	TTG	TGA	0	0
mORF_+_4090498	4090498	4090509	+	1	12	GTG	TGA	0	0
mORF_+_4090563	4090563	4090793	+	3	231	TTG	TAA	0	0
mORF_+_4090631	4090631	4090735	+	2	105	TTG	TGA	0	0
mORF_+_4090732	4090732	4090743	+	1	12	GTG	TGA	0	0
mORF_+_4090754	4090754	4090759	+	2	6	TTG	TAA	0	0
mORF_+_4090765	4090765	4090836	+	1	72	TTG	TAA	0	0
mORF_+_4090800	4090800	4090808	+	3	9	TTG	TGA	0	0
mORF_+_4090879	4090879	4090884	+	1	6	TTG	TAA	0	0
mORF_+_4090884	4090884	4090931	+	3	48	ATG	TGA	0	0
mORF_+_4090900	4090900	4091034	+	1	135	GTG	TGA	0	0
mORF_+_4090928	4090928	4090939	+	2	12	ATG	TGA	0	0
mORF_+_4090946	4090946	4090990	+	2	45	GTG	TAA	0	0
mORF_+_4091000	4091000	4091011	+	2	12	ATG	TAA	0	0
mORF_+_4091031	4091031	4091063	+	3	33	GTG	TAA	0	0
mORF_+_4091045	4091045	4091080	+	2	36	ATG	TAA	0	0
mORF_+_4091082	4091082	4091159	+	3	78	ATG	TAA	0	0
mORF_+_4091114	4091114	4091584	+	2	471	TTG	TAA	0	0
mORF_+_4091116	4091116	4091205	+	1	90	GTG	TAG	0	0
mORF_+_4091253	4091253	4091333	+	3	81	GTG	TAG	0	0
mORF_+_4091334	4091334	4091342	+	3	9	ATG	TAG	0	0
mORF_+_4091388	4091388	4091408	+	3	21	ATG	TGA	0	0
mORF_+_4091439	4091439	4091573	+	3	135	ATG	TAA	0	0
mORF_+_4091464	4091464	4091502	+	1	39	TTG	TAA	0	0
mORF_+_4091588	4091588	4091596	+	2	9	TTG	TGA	0	0
mORF_+_4091590	4091590	4091814	+	1	225	GTG	TGA	0	0
mORF_+_4091607	4091607	4091843	+	3	237	GTG	TAG	0	0

mORF+_4091660	4091660	4091974	+	2	315	GTG	TAA	0	0
mORF+_4091844	4091844	4091936	+	3	93	GTG	TGA	0	0
mORF+_4091952	4091952	4091993	+	3	42	GTG	TAG	0	0
mORF+_4091987	4091987	4092028	+	2	42	GTG	TAA	0	0
mORF+_4092021	4092021	4092134	+	3	114	ATG	TAG	0	0
mORF+_4092091	4092091	4092123	+	1	33	GTG	TGA	0	0
mORF+_4092140	4092140	4092193	+	2	54	TTG	TAG	0	0
mORF+_4092153	4092153	4092161	+	3	9	TTG	TGA	0	0
mORF+_4092163	4092163	4092255	+	1	93	ATG	TGA	0	0
mORF+_4092201	4092201	4092281	+	3	81	TTG	TGA	0	0
mORF+_4092285	4092285	4092434	+	3	150	ATG	TAG	0	0
mORF+_4092290	4092290	4092385	+	2	96	TTG	TGA	0	0
mORF+_4092301	4092301	4092312	+	1	12	GTG	TAA	0	0
mORF+_4092328	4092328	4092342	+	1	15	ATG	TAG	0	0
mORF+_4092385	4092385	4092477	+	1	93	ATG	TGA	0	0
mORF+_4092449	4092449	4092526	+	2	78	TTG	TAG	0	0
mORF+_4092477	4092477	4092569	+	3	93	ATG	TGA	0	0
mORF+_4092541	4092541	4092618	+	1	78	TTG	TAG	0	0
mORF+_4092569	4092569	4092661	+	2	93	ATG	TGA	0	0
mORF+_4092633	4092633	4092710	+	3	78	TTG	TAG	0	0
mORF+_4092661	4092661	4092939	+	1	279	ATG	TAG	0	0
mORF+_4092821	4092821	4093360	+	2	540	GTG	TAG	0	0
mORF+_4092897	4092897	4092902	+	3	6	GTG	TAA	0	0
mORF+_4092921	4092921	4093064	+	3	144	TTG	TGA	0	0
mORF+_4092979	4092979	4092990	+	1	12	GTG	TGA	0	0
mORF+_4093084	4093084	4093146	+	1	63	TTG	TGA	0	0
mORF+_4093176	4093176	4093274	+	3	99	ATG	TAA	0	0
mORF+_4093281	4093281	4093298	+	3	18	TTG	TAG	0	0
mORF+_4093311	4093311	4093403	+	3	93	ATG	TGA	0	0
mORF+_4093384	4093384	4093428	+	1	45	GTG	TGA	0	0
mORF+_4093425	4093425	4093496	+	3	72	GTG	TAG	0	0
mORF+_4093468	4093468	4093572	+	1	105	ATG	TAA	0	0
mORF+_4093481	4093481	4093588	+	2	108	TTG	TAG	0	0
mORF+_4093518	4093518	4093526	+	3	9	TTG	TGA	0	0
mORF+_4093545	4093545	4093631	+	3	87	ATG	TGA	0	0
mORF+_4093592	4093592	4093705	+	2	114	ATG	TGA	0	0
mORF+_4093632	4093632	4093715	+	3	84	TTG	TAG	0	0
mORF+_4093716	4093716	4093814	+	3	99	ATG	TAA	0	0
mORF+_4093721	4093721	4093726	+	2	6	ATG	TAA	0	0
mORF+_4093815	4093815	4093829	+	3	15	TTG	TGA	0	0
mORF+_4093892	4093892	4093900	+	2	9	GTG	TGA	0	0
mORF+_4093897	4093897	4094160	+	1	264	TTG	TAA	0	0
mORF+_4093919	4093919	4093975	+	2	57	TTG	TAG	0	0
mORF+_4093994	4093994	4094038	+	2	45	TTG	TGA	0	0
mORF+_4093998	4093998	4094033	+	3	36	GTG	TAG	0	0
mORF+_4094087	4094087	4094119	+	2	33	GTG	TGA	0	0
mORF+_4094135	4094135	4094425	+	2	291	TTG	TGA	0	0
mORF+_4094278	4094278	4094574	+	1	297	ATG	TAA	0	0
mORF+_4094468	4094468	4094551	+	2	84	TTG	TGA	0	0
mORF+_4094499	4094499	4094519	+	3	21	GTG	TAA	0	0
mORF+_4094624	4094624	4094713	+	2	90	TTG	TAA	0	0
mORF+_4094643	4094643	4094660	+	3	18	GTG	TAA	0	0
mORF+_4094661	4094661	4094747	+	3	87	ATG	TAA	0	0
mORF+_4094764	4094764	4094886	+	1	123	ATG	TAG	0	0
mORF+_4094822	4094822	4094977	+	2	156	ATG	TAA	0	0
mORF+_4094923	4094923	4095144	+	1	222	TTG	TAG	0	0
mORF+_4095011	4095011	4095058	+	2	48	ATG	TGA	0	0
mORF+_4095015	4095015	4095023	+	3	9	GTG	TAA	0	0
mORF+_4095068	4095068	4095100	+	2	33	TTG	TGA	0	0
mORF+_4095113	4095113	4095169	+	2	57	TTG	TAA	0	0
mORF+_4095129	4095129	4095326	+	3	198	GTG	TGA	0	0
mORF+_4095199	4095199	4095282	+	1	84	TTG	TAA	0	0
mORF+_4095242	4095242	4095331	+	2	90	ATG	TAG	0	0

mORF_+_4095343	4095343	4095519	+	1	177	ATG	TGA	0	0	
mORF_+_4095353	4095353	4095406	+	2	54	TTG	TAA	0	0	
mORF_+_4095432	4095432	4095473	+	3	42	ATG	TAA	0	0	
mORF_+_4095458	4095458	4095478	+	2	21	TTG	TGA	0	0	
mORF_+_4095550	4095550	4095699	+	1	150	ATG	TAA	0	0	
mORF_+_4095558	4095558	4095578	+	3	21	TTG	TGA	0	0	
mORF_+_4095575	4095575	4095604	+	2	30	ATG	TGA	0	0	
mORF_+_4095606	4095606	4095614	+	3	9	TTG	TGA	0	0	
mORF_+_4095608	4095608	4095619	+	2	12	GTG	TGA	0	0	
mORF_+_4095677	4095677	4095712	+	2	36	GTG	TGA	0	0	
mORF_+_4095717	4095717	4095740	+	3	24	GTG	TGA	0	0	
mORF_+_4095734	4095734	4095775	+	2	42	GTG	TAG	0	0	
mORF_+_4095759	4095759	4096595	+	3	837	ATG	TAA	0	0	
mORF_+_4095775	4095775	4095816	+	1	42	GTG	TAG	0	0	
mORF_+_4095856	4095856	4095876	+	1	21	ATG	TGA	0	0	
mORF_+_4095877	4095877	4096002	+	1	126	TTG	TGA	0	0	
mORF_+_4095995	4095995	4096108	+	2	114	GTG	TAA	0	0	
mORF_+_4096006	4096006	4096053	+	1	48	ATG	TGA	0	0	
mORF_+_4096078	4096078	4096323	+	1	246	ATG	TGA	0	0	
mORF_+_4096325	4096325	4096384	+	2	60	TTG	TAA	0	0	
mORF_+_4096330	4096330	4096401	+	1	72	ATG	TGA	0	0	
mORF_+_4096495	4096495	4097517	+	1	1023	GTG	TAA	0	0	
mORF_+_4096616	4096616	4096663	+	2	48	TTG	TAG	0	0	
mORF_+_4096697	4096697	4096795	+	2	99	ATG	TGA	0	0	
mORF_+_4096782	4096782	4096787	+	3	6	TTG	TGA	0	0	
mORF_+_4096796	4096796	4096951	+	2	156	TTG	TGA	0	0	
mORF_+_4096935	4096935	4096964	+	3	30	TTG	TGA	0	0	
mORF_+_4096961	4096961	4097023	+	2	63	TTG	TAG	0	0	
mORF_+_4097066	4097066	4097137	+	2	72	TTG	TGA	0	0	
mORF_+_4097165	4097165	4097212	+	2	48	GTG	TGA	0	0	
mORF_+_4097246	4097246	4097326	+	2	81	TTG	TGA	0	0	
mORF_+_4097262	4097262	4097267	+	3	6	TTG	TGA	0	0	
mORF_+_4097277	4097277	4097285	+	3	9	GTG	TGA	0	0	
mORF_+_4097358	4097358	4097387	+	3	30	GTG	TAG	0	0	
mORF_+_4097363	4097363	4097398	+	2	36	ATG	TAA	0	0	
mORF_+_4097402	4097402	4097476	+	2	75	GTG	TGA	0	0	
mORF_+_4097418	4097418	4097429	+	3	12	ATG	TGA	0	0	
mORF_+_4097487	4097487	4097771	+	3	285	GTG	TAA	0	0	
mORF_+_4097524	4097524	4097655	+	1	132	ATG	TAG	0	0	
mORF_+_4097680	4097680	4097685	+	1	6	ATG	TAG	0	0	
mORF_+_4097701	4097701	4097724	+	1	24	ATG	TAG	0	0	
mORF_+_4097759	4097759	4097785	+	2	27	GTG	TGA	0	0	
mORF_+_4097776	4097776	4097781	+	1	6	TTG	TGA	0	0	
mORF_+_4097778	4097778	4097819	+	3	42	GTG	TAG	0	0	
mORF_+_4097782	4097782	4097901	+	1	120	ATG	TAG	0	0	
mORF_+_4097795	4097795	4097851	+	2	57	TTG	TAA	0	0	
mORF_+_4097903	4097903	4098043	+	2	141	TTG	TGA	0	0	
mORF_+_4097952	4097952	4098377	+	3	426	ATG	TAG	0	0	
mORF_+_4098001	4098001	4098264	+	1	264	ATG	TAA	0	0	
mORF_+_4098191	4098191	4098223	+	2	33	TTG	TAA	0	0	
mORF_+_4098268	4098268	4098282	+	1	15	ATG	TAG	0	0	
mORF_+_4098283	4098283	4098357	+	1	75	TTG	TAA	0	0	
mORF_+_4098391	4098391	4098483	+	1	93	ATG	TAA	0	0	
mORF_+_4098449	4098449	4098472	+	2	24	ATG	TGA	0	0	
mORF_+_4098513	4098513	4098596	+	3	84	ATG	TGA	0	0	
mORF_+_4098593	4098593	4098679	+	2	87	ATG	TGA	0	0	
mORF_+_4098597	4098597	4098602	+	3	6	GTG	TAA	0	0	
mORF_+_4098633	4098633	4098671	+	3	39	TTG	TAA	0	0	
mORF_+_4098672	4098672	4098764	+	3	93	GTG	TAA	0	0	
mORF_+_4098676	4098676	4098741	+	1	66	GTG	TGA	0	0	
mORF_+_4098774	4098774	4098800	+	3	27	ATG	TAA	0	0	
mORF_+_4098827	4098827	4099453	+	2	627	ATG	TAA	84	1926	pORF_+_4098827
mORF_+_4098861	4098861	4098941	+	3	81	ATG	TAA	0	0	

mORF_+_4098978	4098978	4099004	+	3	27	TTG	TGA	0	0	
mORF_+_4099122	4099122	4099130	+	3	9	GTG	TGA	0	0	
mORF_+_4099146	4099146	4099235	+	3	90	GTG	TGA	0	0	
mORF_+_4099222	4099222	4099245	+	1	24	ATG	TAA	0	0	
mORF_+_4099290	4099290	4099361	+	3	72	GTG	TGA	0	0	
mORF_+_4099339	4099339	4099392	+	1	54	GTG	TAA	0	0	
mORF_+_4099437	4099437	4099502	+	3	66	TTG	TAA	0	0	
mORF_+_4099506	4099506	4099595	+	3	90	ATG	TGA	0	0	
mORF_+_4099526	4099526	4099540	+	2	15	GTG	TGA	0	0	
mORF_+_4099537	4099537	4099572	+	1	36	GTG	TAA	0	0	
mORF_+_4099592	4099592	4099606	+	2	15	TTG	TGA	0	0	
mORF_+_4099597	4099597	4099623	+	1	27	GTG	TAA	0	0	
mORF_+_4099616	4099616	4099627	+	2	12	TTG	TGA	0	0	
mORF_+_4099624	4099624	4099656	+	1	33	ATG	TGA	0	0	
mORF_+_4099628	4099628	4099735	+	2	108	ATG	TGA	0	0	
mORF_+_4099656	4099656	4099667	+	3	12	ATG	TGA	0	0	
mORF_+_4099704	4099704	4100696	+	3	993	GTG	TAA	0	0	
mORF_+_4099732	4099732	4099755	+	1	24	TTG	TGA	0	0	
mORF_+_4099774	4099774	4099842	+	1	69	TTG	TGA	0	0	
mORF_+_4099784	4099784	4099930	+	2	147	GTG	TAA	0	0	
mORF_+_4099957	4099957	4100073	+	1	117	TTG	TGA	0	0	
mORF_+_4099967	4099967	4100017	+	2	51	GTG	TGA	0	0	
mORF_+_4100077	4100077	4100145	+	1	69	ATG	TGA	0	0	
mORF_+_4100200	4100200	4100319	+	1	120	TTG	TGA	0	0	
mORF_+_4100329	4100329	4100361	+	1	33	TTG	TGA	0	0	
mORF_+_4100368	4100368	4100412	+	1	45	TTG	TAA	0	0	
mORF_+_4100455	4100455	4100514	+	1	60	TTG	TAG	0	0	
mORF_+_4100530	4100530	4100586	+	1	57	TTG	TAG	0	0	
mORF_+_4100599	4100599	4100604	+	1	6	TTG	TGA	0	0	
mORF_+_4100724	4100724	4100732	+	3	9	ATG	TAA	0	0	
mORF_+_4100745	4100745	4100804	+	3	60	TTG	TAA	0	0	
mORF_+_4100807	4100807	4100815	+	2	9	ATG	TAA	0	0	
mORF_+_4100815	4100815	4101519	+	1	705	ATG	TAA	10	28	pORF_+_4100815
mORF_+_4100858	4100858	4100941	+	2	84	TTG	TGA	0	0	
mORF_+_4100966	4100966	4101124	+	2	159	GTG	TGA	0	0	
mORF_+_4101015	4101015	4101032	+	3	18	GTG	TGA	0	0	
mORF_+_4101134	4101134	4101175	+	2	42	ATG	TAA	0	0	
mORF_+_4101201	4101201	4101209	+	3	9	TTG	TAA	0	0	
mORF_+_4101224	4101224	4101241	+	2	18	TTG	TAG	0	0	
mORF_+_4101273	4101273	4101284	+	3	12	GTG	TAG	0	0	
mORF_+_4101338	4101338	4101352	+	2	15	GTG	TGA	0	0	
mORF_+_4101378	4101378	4101395	+	3	18	ATG	TGA	0	0	
mORF_+_4101392	4101392	4101475	+	2	84	TTG	TGA	0	0	
mORF_+_4101507	4101507	4101533	+	3	27	GTG	TAG	0	0	
mORF_+_4101578	4101578	4101595	+	2	18	ATG	TAA	0	0	
mORF_+_4101585	4101585	4101827	+	3	243	ATG	TAA	0	0	
mORF_+_4101616	4101616	4101666	+	1	51	ATG	TAA	0	0	
mORF_+_4101706	4101706	4102116	+	1	411	ATG	TGA	0	0	
mORF_+_4101716	4101716	4101790	+	2	75	ATG	TAG	0	0	
mORF_+_4101854	4101854	4101910	+	2	57	ATG	TAA	0	0	
mORF_+_4101929	4101929	4102108	+	2	180	ATG	TGA	0	0	
mORF_+_4102113	4102113	4102136	+	3	24	GTG	TGA	0	0	
mORF_+_4102133	4102133	4102258	+	2	126	TTG	TGA	0	0	
mORF_+_4102153	4102153	4102212	+	1	60	TTG	TAA	0	0	
mORF_+_4102225	4102225	4102386	+	1	162	TTG	TAA	0	0	
mORF_+_4102295	4102295	4102543	+	2	249	ATG	TGA	0	0	
mORF_+_4102353	4102353	4102478	+	3	126	GTG	TGA	0	0	
mORF_+_4102540	4102540	4102743	+	1	204	TTG	TAA	0	0	
mORF_+_4102685	4102685	4102867	+	2	183	ATG	TGA	0	0	
mORF_+_4102761	4102761	4103000	+	3	240	GTG	TGA	1	6	pORF_+_4102761
mORF_+_4102843	4102843	4102905	+	1	63	ATG	TGA	0	0	
mORF_+_4102913	4102913	4103041	+	2	129	TTG	TAA	0	0	
mORF_+_4103049	4103049	4103153	+	3	105	GTG	TAA	0	0	

mORF_+_4103086	4103086	4103175	+	1	90	TTG	TGA	0	0	
mORF_+_4103154	4103154	4103225	+	3	72	ATG	TAA	0	0	
mORF_+_4103186	4103186	4103209	+	2	24	GTG	TAA	0	0	
mORF_+_4103235	4103235	4103279	+	3	45	TTG	TAA	0	0	
mORF_+_4103294	4103294	4103389	+	2	96	GTG	TAA	0	0	
mORF_+_4103308	4103308	4103406	+	1	99	TTG	TAG	0	0	
mORF_+_4103319	4103319	4103507	+	3	189	TTG	TAA	0	0	
mORF_+_4103470	4103470	4103700	+	1	231	ATG	TAA	0	0	
mORF_+_4103486	4103486	4103617	+	2	132	GTG	TGA	0	0	
mORF_+_4103598	4103598	4103645	+	3	48	GTG	TAA	0	0	
mORF_+_4103693	4103693	4103740	+	2	48	TTG	TAA	0	0	
mORF_+_4103744	4103744	4103797	+	2	54	ATG	TAA	0	0	
mORF_+_4103755	4103755	4103772	+	1	18	TTG	TGA	0	0	
mORF_+_4103776	4103776	4103790	+	1	15	ATG	TGA	0	0	
mORF_+_4103809	4103809	4103910	+	1	102	TTG	TGA	0	0	
mORF_+_4103840	4103840	4104343	+	2	504	ATG	TAG	7	24	pORF_+_4103840
mORF_+_4103940	4103940	4103990	+	3	51	GTG	TAA	0	0	
mORF_+_4104063	4104063	4104215	+	3	153	ATG	TAA	0	0	
mORF_+_4104273	4104273	4104281	+	3	9	GTG	TGA	0	0	
mORF_+_4104286	4104286	4104321	+	1	36	ATG	TAG	0	0	
mORF_+_4104359	4104359	4104367	+	2	9	TTG	TAG	0	0	
mORF_+_4104391	4104391	4104477	+	1	87	ATG	TGA	0	0	
mORF_+_4104396	4104396	4104434	+	3	39	GTG	TAA	0	0	
mORF_+_4104434	4104434	4104448	+	2	15	ATG	TGA	0	0	
mORF_+_4104450	4104450	4104467	+	3	18	TTG	TAG	0	0	
mORF_+_4104474	4104474	4105394	+	3	921	TTG	TAA	2	5	pORF_+_4104474
mORF_+_4104505	4104505	4104567	+	1	63	ATG	TGA	0	0	
mORF_+_4104577	4104577	4104603	+	1	27	TTG	TGA	0	0	
mORF_+_4104581	4104581	4104700	+	2	120	ATG	TAA	0	0	
mORF_+_4104709	4104709	4104789	+	1	81	TTG	TGA	0	0	
mORF_+_4104856	4104856	4104867	+	1	12	TTG	TAA	0	0	
mORF_+_4104869	4104869	4104940	+	2	72	TTG	TGA	0	0	
mORF_+_4104883	4104883	4104969	+	1	87	TTG	TGA	0	0	
mORF_+_4105027	4105027	4105158	+	1	132	ATG	TGA	0	0	
mORF_+_4105171	4105171	4105293	+	1	123	GTG	TAG	0	0	
mORF_+_4105327	4105327	4105332	+	1	6	ATG	TAA	0	0	
mORF_+_4105424	4105424	4105453	+	2	30	TTG	TGA	0	0	
mORF_+_4105426	4105426	4105458	+	1	33	GTG	TGA	0	0	
mORF_+_4105475	4105475	4105582	+	2	108	GTG	TAA	0	0	
mORF_+_4105479	4105479	4106537	+	3	1059	TTG	TAA	60	1080	pORF_+_4105479
mORF_+_4105549	4105549	4105572	+	1	24	TTG	TAG	0	0	
mORF_+_4105591	4105591	4105599	+	1	9	GTG	TGA	0	0	
mORF_+_4105609	4105609	4105626	+	1	18	GTG	TGA	0	0	
mORF_+_4105645	4105645	4105662	+	1	18	TTG	TGA	0	0	
mORF_+_4105690	4105690	4105734	+	1	45	ATG	TAG	0	0	
mORF_+_4105765	4105765	4105845	+	1	81	GTG	TGA	0	0	
mORF_+_4105852	4105852	4105914	+	1	63	GTG	TGA	0	0	
mORF_+_4105931	4105931	4105978	+	2	48	GTG	TGA	0	0	
mORF_+_4106014	4106014	4106019	+	1	6	TTG	TAG	0	0	
mORF_+_4106038	4106038	4106082	+	1	45	GTG	TGA	0	0	
mORF_+_4106093	4106093	4106137	+	2	45	TTG	TGA	0	0	
mORF_+_4106095	4106095	4106106	+	1	12	GTG	TGA	0	0	
mORF_+_4106122	4106122	4106184	+	1	63	TTG	TAA	0	0	
mORF_+_4106249	4106249	4106254	+	2	6	GTG	TGA	0	0	
mORF_+_4106251	4106251	4106430	+	1	180	GTG	TAG	0	0	
mORF_+_4106423	4106423	4106506	+	2	84	TTG	TGA	0	0	
mORF_+_4106503	4106503	4106571	+	1	69	GTG	TGA	0	0	
mORF_+_4106537	4106537	4106599	+	2	63	ATG	TGA	0	0	
mORF_+_4106577	4106577	4106774	+	3	198	ATG	TAG	0	0	
mORF_+_4106599	4106599	4106643	+	1	45	ATG	TGA	0	0	
mORF_+_4106656	4106656	4106661	+	1	6	TTG	TAG	0	0	
mORF_+_4106692	4106692	4106796	+	1	105	ATG	TAA	0	0	
mORF_+_4106708	4106708	4106722	+	2	15	TTG	TGA	0	0	

mORF_+_4106796	4106796	4106807	+	3	12	ATG	TAA	0	0	
mORF_+_4106800	4106800	4106844	+	1	45	TTG	TAA	0	0	
mORF_+_4106822	4106822	4106860	+	2	39	TTG	TGA	0	0	
mORF_+_4106857	4106857	4107846	+	1	990	ATG	TGA	18	139	pORF_+_4106857
mORF_+_4106865	4106865	4106933	+	3	69	GTG	TAA	0	0	
mORF_+_4106942	4106942	4107025	+	2	84	ATG	TGA	0	0	
mORF_+_4107041	4107041	4107070	+	2	30	GTG	TAA	0	0	
mORF_+_4107080	4107080	4107259	+	2	180	TTG	TGA	0	0	
mORF_+_4107156	4107156	4107179	+	3	24	GTG	TAA	0	0	
mORF_+_4107269	4107269	4107280	+	2	12	GTG	TGA	0	0	
mORF_+_4107305	4107305	4107481	+	2	177	GTG	TGA	0	0	
mORF_+_4107482	4107482	4107643	+	2	162	TTG	TGA	0	0	
mORF_+_4107674	4107674	4107748	+	2	75	TTG	TGA	0	0	
mORF_+_4107761	4107761	4108708	+	2	948	TTG	TAA	1	2	pORF_+_4107761
mORF_+_4107873	4107873	4107935	+	3	63	GTG	TGA	0	0	
mORF_+_4107922	4107922	4108038	+	1	117	TTG	TGA	0	0	
mORF_+_4107999	4107999	4108031	+	3	33	TTG	TAA	0	0	
mORF_+_4108035	4108035	4108154	+	3	120	GTG	TAA	0	0	
mORF_+_4108075	4108075	4108164	+	1	90	ATG	TAA	0	0	
mORF_+_4108164	4108164	4108187	+	3	24	ATG	TGA	0	0	
mORF_+_4108255	4108255	4108278	+	1	24	TTG	TGA	0	0	
mORF_+_4108275	4108275	4108286	+	3	12	GTG	TGA	0	0	
mORF_+_4108384	4108384	4108398	+	1	15	TTG	TGA	0	0	
mORF_+_4108398	4108398	4108499	+	3	102	ATG	TAA	0	0	
mORF_+_4108605	4108605	4108649	+	3	45	GTG	TGA	0	0	
mORF_+_4108659	4108659	4108721	+	3	63	GTG	TAA	0	0	
mORF_+_4108690	4108690	4108695	+	1	6	GTG	TGA	0	0	
mORF_+_4108731	4108731	4108766	+	3	36	GTG	TAA	0	0	
mORF_+_4108911	4108911	4108973	+	3	63	ATG	TGA	0	0	
mORF_+_4108919	4108919	4109518	+	2	600	TTG	TAA	0	0	
mORF_+_4108981	4108981	4109043	+	1	63	GTG	TAA	0	0	
mORF_+_4109004	4109004	4109036	+	3	33	TTG	TAA	0	0	
mORF_+_4109056	4109056	4109256	+	1	201	ATG	TGA	0	0	
mORF_+_4109118	4109118	4109231	+	3	114	TTG	TAA	0	0	
mORF_+_4109253	4109253	4109474	+	3	222	ATG	TGA	0	0	
mORF_+_4109266	4109266	4109289	+	1	24	GTG	TAG	0	0	
mORF_+_4109311	4109311	4109355	+	1	45	ATG	TGA	0	0	
mORF_+_4109404	4109404	4109460	+	1	57	GTG	TAG	0	0	
mORF_+_4109478	4109478	4109606	+	3	129	ATG	TAG	0	0	
mORF_+_4109522	4109522	4109551	+	2	30	ATG	TAA	0	0	
mORF_+_4109566	4109566	4109670	+	1	105	ATG	TAG	0	0	
mORF_+_4109628	4109628	4109681	+	3	54	TTG	TAA	0	0	
mORF_+_4109717	4109717	4109734	+	2	18	TTG	TAA	0	0	
mORF_+_4109739	4109739	4109837	+	3	99	GTG	TGA	0	0	
mORF_+_4109756	4109756	4109761	+	2	6	GTG	TAA	0	0	
mORF_+_4109768	4109768	4109869	+	2	102	TTG	TGA	0	0	
mORF_+_4109812	4109812	4109829	+	1	18	TTG	TAA	0	0	
mORF_+_4109838	4109838	4109936	+	3	99	GTG	TGA	0	0	
mORF_+_4109890	4109890	4109913	+	1	24	TTG	TAG	0	0	
mORF_+_4109906	4109906	4109926	+	2	21	ATG	TGA	0	0	
mORF_+_4109923	4109923	4109943	+	1	21	TTG	TAA	0	0	
mORF_+_4109927	4109927	4110139	+	2	213	ATG	TAA	0	0	
mORF_+_4109994	4109994	4110008	+	3	15	TTG	TGA	0	0	
mORF_+_4110054	4110054	4110080	+	3	27	GTG	TAA	0	0	
mORF_+_4110150	4110150	4110188	+	3	39	TTG	TAA	0	0	
mORF_+_4110166	4110166	4110195	+	1	30	TTG	TAA	0	0	
mORF_+_4110195	4110195	4110272	+	3	78	ATG	TAA	0	0	
mORF_+_4110250	4110250	4110258	+	1	9	TTG	TGA	0	0	
mORF_+_4110290	4110290	4110304	+	2	15	TTG	TAG	0	0	
mORF_+_4110338	4110338	4110778	+	2	441	ATG	TAA	0	0	
mORF_+_4110352	4110352	4110369	+	1	18	ATG	TAA	0	0	
mORF_+_4110378	4110378	4110407	+	3	30	TTG	TAG	0	0	
mORF_+_4110400	4110400	4110453	+	1	54	TTG	TAA	0	0	

mORF_+_4110484	4110484	4110528	+	1	45	TTG	TAA	0	0	
mORF_+_4110489	4110489	4110521	+	3	33	TTG	TAA	0	0	
mORF_+_4110537	4110537	4110572	+	3	36	ATG	TGA	0	0	
mORF_+_4110559	4110559	4110603	+	1	45	ATG	TAA	0	0	
mORF_+_4110576	4110576	4110662	+	3	87	TTG	TGA	0	0	
mORF_+_4110631	4110631	4110720	+	1	90	ATG	TAA	0	0	
mORF_+_4110687	4110687	4110746	+	3	60	TTG	TGA	0	0	
mORF_+_4110816	4110816	4110839	+	3	24	TTG	TGA	0	0	
mORF_+_4110830	4110830	4110862	+	2	33	ATG	TGA	0	0	
mORF_+_4110892	4110892	4110933	+	1	42	ATG	TAA	0	0	
mORF_+_4110915	4110915	4110950	+	3	36	TTG	TAA	0	0	
mORF_+_4110983	4110983	4111009	+	2	27	GTG	TAA	0	0	
mORF_+_4110990	4110990	4111289	+	3	300	ATG	TGA	8	144	pORF_+_4110990
mORF_+_4110997	4110997	4111005	+	1	9	ATG	TAG	0	0	
mORF_+_4111010	4111010	4111021	+	2	12	ATG	TAA	0	0	
mORF_+_4111025	4111025	4111036	+	2	12	ATG	TGA	0	0	
mORF_+_4111027	4111027	4111050	+	1	24	GTG	TGA	0	0	
mORF_+_4111051	4111051	4111122	+	1	72	TTG	TGA	0	0	
mORF_+_4111138	4111138	4111254	+	1	117	TTG	TGA	0	0	
mORF_+_4111238	4111238	4111264	+	2	27	ATG	TGA	0	0	
mORF_+_4111261	4111261	4111284	+	1	24	TTG	TAG	0	0	
mORF_+_4111286	4111286	4111303	+	2	18	TTG	TAG	0	0	
mORF_+_4111316	4111316	4111744	+	2	429	ATG	TAA	10	341	pORF_+_4111316
mORF_+_4111332	4111332	4111376	+	3	45	TTG	TGA	0	0	
mORF_+_4111404	4111404	4111418	+	3	15	ATG	TGA	0	0	
mORF_+_4111431	4111431	4111445	+	3	15	TTG	TAA	0	0	
mORF_+_4111549	4111549	4111575	+	1	27	ATG	TGA	0	0	
mORF_+_4111572	4111572	4111673	+	3	102	TTG	TGA	0	0	
mORF_+_4111624	4111624	4111701	+	1	78	GTG	TAA	0	0	
mORF_+_4111707	4111707	4111793	+	3	87	GTG	TAA	0	0	
mORF_+_4111794	4111794	4111934	+	3	141	ATG	TAA	0	0	
mORF_+_4111832	4111832	4111954	+	2	123	GTG	TGA	0	0	
mORF_+_4111855	4111855	4111992	+	1	138	TTG	TGA	0	0	
mORF_+_4111993	4111993	4112013	+	1	21	ATG	TAG	0	0	
mORF_+_4112036	4112036	4112095	+	2	60	GTG	TGA	0	0	
mORF_+_4112073	4112073	4112105	+	3	33	GTG	TAA	0	0	
mORF_+_4112092	4112092	4112136	+	1	45	TTG	TAA	0	0	
mORF_+_4112118	4112118	4112132	+	3	15	TTG	TAA	0	0	
mORF_+_4112156	4112156	4112224	+	2	69	TTG	TAA	0	0	
mORF_+_4112181	4112181	4112273	+	3	93	GTG	TAA	0	0	
mORF_+_4112252	4112252	4112293	+	2	42	GTG	TGA	0	0	
mORF_+_4112275	4112275	4112301	+	1	27	TTG	TAA	0	0	
mORF_+_4112383	4112383	4112424	+	1	42	TTG	TGA	0	0	
mORF_+_4112391	4112391	4112513	+	3	123	TTG	TGA	0	0	
mORF_+_4112428	4112428	4112517	+	1	90	GTG	TGA	0	0	
mORF_+_4112510	4112510	4112698	+	2	189	TTG	TAG	0	0	
mORF_+_4112514	4112514	4112669	+	3	156	TTG	TGA	0	0	
mORF_+_4112599	4112599	4112637	+	1	39	ATG	TAG	0	0	
mORF_+_4112641	4112641	4112649	+	1	9	ATG	TGA	0	0	
mORF_+_4112650	4112650	4112898	+	1	249	ATG	TGA	0	0	
mORF_+_4112840	4112840	4112890	+	2	51	GTG	TGA	0	0	
mORF_+_4112895	4112895	4112933	+	3	39	ATG	TAA	0	0	
mORF_+_4112920	4112920	4113405	+	1	486	ATG	TAG	1	2	pORF_+_4112920
mORF_+_4112933	4112933	4113022	+	2	90	ATG	TGA	0	0	
mORF_+_4113026	4113026	4113055	+	2	30	TTG	TAG	0	0	
mORF_+_4113075	4113075	4113533	+	3	459	TTG	TAA	0	0	
mORF_+_4113107	4113107	4113115	+	2	9	GTG	TAG	0	0	
mORF_+_4113413	4113413	4113442	+	2	30	GTG	TGA	0	0	
mORF_+_4113439	4113439	4113543	+	1	105	ATG	TAG	0	0	
mORF_+_4113565	4113565	4113621	+	1	57	GTG	TAA	0	0	
mORF_+_4113625	4113625	4113774	+	1	150	ATG	TAA	0	0	
mORF_+_4113635	4113635	4113640	+	2	6	GTG	TAG	0	0	
mORF_+_4113662	4113662	4113715	+	2	54	TTG	TAA	0	0	

mORF_+_4113669	4113669	4113797	+	3	129	GTG	TAA	0	0	
mORF_+_4113746	4113746	4114399	+	2	654	GTG	TGA	0	0	
mORF_+_4113813	4113813	4113911	+	3	99	GTG	TAG	0	0	
mORF_+_4113922	4113922	4113930	+	1	9	ATG	TGA	0	0	
mORF_+_4113927	4113927	4114085	+	3	159	GTG	TGA	0	0	
mORF_+_4114000	4114000	4114095	+	1	96	TTG	TAG	0	0	
mORF_+_4114116	4114116	4114265	+	3	150	ATG	TAG	0	0	
mORF_+_4114201	4114201	4114275	+	1	75	ATG	TAA	0	0	
mORF_+_4114305	4114305	4114346	+	3	42	ATG	TAG	0	0	
mORF_+_4114309	4114309	4114323	+	1	15	ATG	TAA	0	0	
mORF_+_4114374	4114374	4114451	+	3	78	ATG	TAG	0	0	
mORF_+_4114452	4114452	4114487	+	3	36	GTG	TGA	0	0	
mORF_+_4114528	4114528	4114563	+	1	36	TTG	TAG	0	0	
mORF_+_4114539	4114539	4114568	+	3	30	GTG	TGA	0	0	
mORF_+_4114638	4114638	4114697	+	3	60	TTG	TAA	0	0	
mORF_+_4114658	4114658	4114885	+	2	228	ATG	TAA	0	0	
mORF_+_4114777	4114777	4114956	+	1	180	GTG	TAG	0	0	
mORF_+_4114824	4114824	4114877	+	3	54	TTG	TAA	0	0	
mORF_+_4114901	4114901	4115251	+	2	351	ATG	TAA	0	0	
mORF_+_4114941	4114941	4114952	+	3	12	ATG	TAG	0	0	
mORF_+_4114959	4114959	4115027	+	3	69	TTG	TGA	0	0	
mORF_+_4115067	4115067	4115129	+	3	63	GTG	TAG	0	0	
mORF_+_4115095	4115095	4115160	+	1	66	TTG	TAA	0	0	
mORF_+_4115160	4115160	4115177	+	3	18	ATG	TGA	0	0	
mORF_+_4115202	4115202	4115291	+	3	90	GTG	TGA	0	0	
mORF_+_4115252	4115252	4115395	+	2	144	TTG	TAG	0	0	
mORF_+_4115299	4115299	4115364	+	1	66	GTG	TAG	0	0	
mORF_+_4115340	4115340	4115561	+	3	222	ATG	TAG	0	0	
mORF_+_4115425	4115425	4115691	+	1	267	ATG	TGA	0	0	
mORF_+_4115525	4115525	4115536	+	2	12	ATG	TAG	0	0	
mORF_+_4115537	4115537	4115548	+	2	12	ATG	TGA	0	0	
mORF_+_4115591	4115591	4115644	+	2	54	GTG	TAG	0	0	
mORF_+_4115688	4115688	4115783	+	3	96	ATG	TAA	0	0	
mORF_+_4115713	4115713	4115757	+	1	45	GTG	TGA	0	0	
mORF_+_4115785	4115785	4115790	+	1	6	TTG	TAG	0	0	
mORF_+_4115835	4115835	4115840	+	3	6	TTG	TGA	0	0	
mORF_+_4115837	4115837	4115848	+	2	12	GTG	TAA	0	0	
mORF_+_4115860	4115860	4115946	+	1	87	TTG	TAG	0	0	
mORF_+_4115891	4115891	4115902	+	2	12	ATG	TAA	0	0	
mORF_+_4115916	4115916	4116020	+	3	105	ATG	TAG	0	0	
mORF_+_4115947	4115947	4115994	+	1	48	ATG	TGA	0	0	
mORF_+_4115954	4115954	4115977	+	2	24	TTG	TGA	0	0	
mORF_+_4116020	4116020	4116115	+	2	96	GTG	TAA	0	0	
mORF_+_4116079	4116079	4116108	+	1	30	ATG	TGA	0	0	
mORF_+_4116105	4116105	4116134	+	3	30	TTG	TAA	0	0	
mORF_+_4116134	4116134	4116232	+	2	99	ATG	TAA	0	0	
mORF_+_4116138	4116138	4116152	+	3	15	TTG	TGA	0	0	
mORF_+_4116145	4116145	4116180	+	1	36	ATG	TAG	0	0	
mORF_+_4116171	4116171	4116191	+	3	21	ATG	TAA	0	0	
mORF_+_4116234	4116234	4116296	+	3	63	ATG	TGA	0	0	
mORF_+_4116236	4116236	4116253	+	2	18	GTG	TAA	0	0	
mORF_+_4116238	4116238	4116258	+	1	21	GTG	TGA	0	0	
mORF_+_4116287	4116287	4116310	+	2	24	TTG	TAG	0	0	
mORF_+_4116300	4116300	4116335	+	3	36	ATG	TAA	0	0	
mORF_+_4116304	4116304	4116348	+	1	45	TTG	TGA	0	0	
mORF_+_4116345	4116345	4116377	+	3	33	TTG	TGA	0	0	
mORF_+_4116350	4116350	4116451	+	2	102	GTG	TAA	0	0	
mORF_+_4116381	4116381	4116455	+	3	75	GTG	TAA	0	0	
mORF_+_4116457	4116457	4116489	+	1	33	GTG	TAA	0	0	
mORF_+_4116520	4116520	4116783	+	1	264	TTG	TGA	33	664	pORF_+_4116520
mORF_+_4116560	4116560	4116634	+	2	75	TTG	TGA	0	0	
mORF_+_4116671	4116671	4116718	+	2	48	ATG	TGA	0	0	
mORF_+_4116816	4116816	4116821	+	3	6	GTG	TAG	0	0	

mORF_+_4116851	4116851	4116922	+	2	72	TTG	TAA	0	0
mORF_+_4116856	4116856	4116894	+	1	39	GTG	TGA	0	0
mORF_+_4116925	4116925	4117431	+	1	507	ATG	TAA	0	0
mORF_+_4116944	4116944	4117063	+	2	120	GTG	TGA	0	0
mORF_+_4117011	4117011	4117082	+	3	72	TTG	TGA	0	0
mORF_+_4117079	4117079	4117318	+	2	240	ATG	TGA	0	0
mORF_+_4117137	4117137	4117244	+	3	108	GTG	TGA	0	0
mORF_+_4117322	4117322	4117435	+	2	114	ATG	TGA	0	0
mORF_+_4117401	4117401	4117466	+	3	66	GTG	TAG	0	0
mORF_+_4117432	4117432	4117569	+	1	138	TTG	TAA	0	0
mORF_+_4117439	4117439	4117495	+	2	57	TTG	TAG	0	0
mORF_+_4117529	4117529	4117645	+	2	117	TTG	TAA	0	0
mORF_+_4117575	4117575	4117589	+	3	15	TTG	TAA	0	0
mORF_+_4117626	4117626	4117715	+	3	90	ATG	TAA	0	0
mORF_+_4117729	4117729	4117848	+	1	120	GTG	TGA	0	0
mORF_+_4117793	4117793	4117873	+	2	81	TTG	TGA	0	0
mORF_+_4117845	4117845	4117856	+	3	12	ATG	TAA	0	0
mORF_+_4117870	4117870	4117926	+	1	57	ATG	TAA	0	0
mORF_+_4117939	4117939	4117953	+	1	15	TTG	TAG	0	0
mORF_+_4117954	4117954	4118178	+	1	225	GTG	TAA	0	0
mORF_+_4118016	4118016	4118129	+	3	114	ATG	TAG	0	0
mORF_+_4118021	4118021	4118059	+	2	39	ATG	TGA	0	0
mORF_+_4118182	4118182	4118256	+	1	75	TTG	TGA	0	0
mORF_+_4118225	4118225	4118290	+	2	66	GTG	TAA	0	0
mORF_+_4118253	4118253	4118327	+	3	75	GTG	TAA	0	0
mORF_+_4118291	4118291	4118320	+	2	30	TTG	TAG	0	0
mORF_+_4118358	4118358	4118387	+	3	30	TTG	TAA	0	0
mORF_+_4118390	4118390	4118419	+	2	30	ATG	TGA	0	0
mORF_+_4118416	4118416	4118502	+	1	87	ATG	TAA	0	0
mORF_+_4118429	4118429	4118449	+	2	21	TTG	TAA	0	0
mORF_+_4118487	4118487	4118534	+	3	48	ATG	TAA	0	0
mORF_+_4118515	4118515	4118526	+	1	12	GTG	TGA	0	0
mORF_+_4118581	4118581	4118940	+	1	360	GTG	TGA	0	0
mORF_+_4118583	4118583	4118588	+	3	6	GTG	TAA	0	0
mORF_+_4118630	4118630	4118653	+	2	24	ATG	TAA	0	0
mORF_+_4118699	4118699	4118719	+	2	21	GTG	TGA	0	0
mORF_+_4118789	4118789	4118860	+	2	72	TTG	TAA	0	0
mORF_+_4118802	4118802	4119797	+	3	996	TTG	TAA	0	0
mORF_+_4118992	4118992	4119303	+	1	312	TTG	TGA	0	0
mORF_+_4119230	4119230	4119355	+	2	126	GTG	TAG	0	0
mORF_+_4119346	4119346	4119411	+	1	66	TTG	TAA	0	0
mORF_+_4119359	4119359	4119427	+	2	69	GTG	TAG	0	0
mORF_+_4119511	4119511	4119792	+	1	282	GTG	TAG	0	0
mORF_+_4119752	4119752	4119883	+	2	132	GTG	TAA	0	0
mORF_+_4119805	4119805	4119828	+	1	24	ATG	TAG	0	0
mORF_+_4119810	4119810	4119899	+	3	90	GTG	TAA	0	0
mORF_+_4119829	4119829	4119927	+	1	99	ATG	TAA	0	0
mORF_+_4119988	4119988	4120107	+	1	120	GTG	TGA	0	0
mORF_+_4120001	4120001	4120093	+	2	93	ATG	TGA	0	0
mORF_+_4120098	4120098	4120370	+	3	273	ATG	TAA	0	0
mORF_+_4120180	4120180	4120254	+	1	75	ATG	TGA	0	0
mORF_+_4120267	4120267	4120317	+	1	51	ATG	TGA	0	0
mORF_+_4120304	4120304	4120381	+	2	78	TTG	TAG	0	0
mORF_+_4120382	4120382	4120879	+	2	498	ATG	TAA	0	0
mORF_+_4120425	4120425	4120439	+	3	15	ATG	TGA	0	0
mORF_+_4120432	4120432	4120461	+	1	30	TTG	TGA	0	0
mORF_+_4120458	4120458	4120565	+	3	108	TTG	TGA	0	0
mORF_+_4120654	4120654	4120770	+	1	117	TTG	TAG	0	0
mORF_+_4120713	4120713	4120754	+	3	42	GTG	TGA	0	0
mORF_+_4120795	4120795	4121106	+	1	312	GTG	TAA	0	0
mORF_+_4120880	4120880	4120906	+	2	27	TTG	TAG	0	0
mORF_+_4120910	4120910	4121140	+	2	231	TTG	TAG	0	0
mORF_+_4121064	4121064	4121111	+	3	48	GTG	TAG	0	0

mORF_+_4121131	4121131	4121202	+	1	72	TTG	TAA	0	0	
mORF_+_4121165	4121165	4121299	+	2	135	TTG	TGA	0	0	
mORF_+_4121190	4121190	4121195	+	3	6	TTG	TGA	0	0	
mORF_+_4121202	4121202	4121348	+	3	147	ATG	TAA	0	0	
mORF_+_4121296	4121296	4121457	+	1	162	GTG	TAA	0	0	
mORF_+_4121330	4121330	4121410	+	2	81	TTG	TAA	0	0	
mORF_+_4121400	4121400	4121444	+	3	45	ATG	TAA	0	0	
mORF_+_4121468	4121468	4121485	+	2	18	GTG	TGA	0	0	
mORF_+_4121482	4121482	4121541	+	1	60	ATG	TGA	0	0	
mORF_+_4121523	4121523	4121552	+	3	30	GTG	TAA	0	0	
mORF_+_4121593	4121593	4121694	+	1	102	ATG	TGA	0	0	
mORF_+_4121597	4121597	4121743	+	2	147	TTG	TAG	0	0	
mORF_+_4121619	4121619	4121945	+	3	327	TTG	TAA	0	0	
mORF_+_4121750	4121750	4121800	+	2	51	GTG	TGA	0	0	
mORF_+_4121779	4121779	4121859	+	1	81	TTG	TGA	0	0	
mORF_+_4121963	4121963	4121995	+	2	33	ATG	TAG	0	0	
mORF_+_4121977	4121977	4121988	+	1	12	TTG	TGA	0	0	
mORF_+_4121985	4121985	4122086	+	3	102	ATG	TGA	0	0	
mORF_+_4122011	4122011	4122121	+	2	111	GTG	TGA	0	0	
mORF_+_4122061	4122061	4122153	+	1	93	ATG	TGA	0	0	
mORF_+_4122111	4122111	4122320	+	3	210	TTG	TAA	0	0	
mORF_+_4122197	4122197	4122208	+	2	12	TTG	TAA	0	0	
mORF_+_4122271	4122271	4122324	+	1	54	ATG	TAA	0	0	
mORF_+_4122361	4122361	4122561	+	1	201	GTG	TGA	0	0	
mORF_+_4122392	4122392	4122415	+	2	24	ATG	TAG	0	0	
mORF_+_4122422	4122422	4122430	+	2	9	TTG	TGA	0	0	
mORF_+_4122518	4122518	4122547	+	2	30	ATG	TAG	0	0	
mORF_+_4122558	4122558	4122584	+	3	27	GTG	TGA	0	0	
mORF_+_4122581	4122581	4122946	+	2	366	ATG	TAG	1	9	pORF_+_4122581
mORF_+_4122588	4122588	4122593	+	3	6	GTG	TGA	0	0	
mORF_+_4122600	4122600	4122629	+	3	30	TTG	TGA	0	0	
mORF_+_4122691	4122691	4122699	+	1	9	TTG	TGA	0	0	
mORF_+_4122696	4122696	4122896	+	3	201	TTG	TGA	0	0	
mORF_+_4122793	4122793	4123560	+	1	768	GTG	TAA	0	0	
mORF_+_4122897	4122897	4122905	+	3	9	TTG	TGA	0	0	
mORF_+_4123013	4123013	4123168	+	2	156	TTG	TAA	0	0	
mORF_+_4123098	4123098	4123103	+	3	6	GTG	TAA	0	0	
mORF_+_4123193	4123193	4123591	+	2	399	ATG	TAA	0	0	
mORF_+_4123281	4123281	4123430	+	3	150	TTG	TGA	0	0	
mORF_+_4123476	4123476	4123481	+	3	6	GTG	TAG	0	0	
mORF_+_4123569	4123569	4123646	+	3	78	ATG	TGA	0	0	
mORF_+_4123592	4123592	4123615	+	2	24	ATG	TAA	0	0	
mORF_+_4123664	4123664	4123744	+	2	81	ATG	TAA	0	0	
mORF_+_4123672	4123672	4123779	+	1	108	TTG	TAA	0	0	
mORF_+_4123737	4123737	4123829	+	3	93	TTG	TGA	0	0	
mORF_+_4123787	4123787	4124308	+	2	522	TTG	TAA	0	0	
mORF_+_4123851	4123851	4123856	+	3	6	TTG	TAG	0	0	
mORF_+_4123878	4123878	4124105	+	3	228	ATG	TGA	0	0	
mORF_+_4124059	4124059	4124130	+	1	72	GTG	TGA	0	0	
mORF_+_4124206	4124206	4124286	+	1	81	TTG	TAA	0	0	
mORF_+_4124220	4124220	4124267	+	3	48	GTG	TAG	0	0	
mORF_+_4124293	4124293	4124355	+	1	63	GTG	TAA	0	0	
mORF_+_4124325	4124325	4124543	+	3	219	TTG	TGA	0	0	
mORF_+_4124393	4124393	4124401	+	2	9	TTG	TAA	0	0	
mORF_+_4124417	4124417	4124524	+	2	108	TTG	TAG	0	0	
mORF_+_4124540	4124540	4124590	+	2	51	ATG	TAG	0	0	
mORF_+_4124609	4124609	4124656	+	2	48	GTG	TAG	0	0	
mORF_+_4124661	4124661	4124783	+	3	123	TTG	TAG	0	0	
mORF_+_4124819	4124819	4124851	+	2	33	GTG	TGA	0	0	
mORF_+_4124848	4124848	4124883	+	1	36	TTG	TAG	0	0	
mORF_+_4124858	4124858	4124866	+	2	9	GTG	TAG	0	0	
mORF_+_4124888	4124888	4124950	+	2	63	GTG	TGA	0	0	
mORF_+_4124947	4124947	4124973	+	1	27	ATG	TAA	0	0	

mORF_+_4124980	4124980	4125021	+	1	42	GTG	TAA	0	0	
mORF_+_4125036	4125036	4125248	+	3	213	ATG	TAA	25	162	pORF_+_4125036
mORF_+_4125086	4125086	4125094	+	2	9	TTG	TAA	0	0	
mORF_+_4125118	4125118	4125132	+	1	15	TTG	TGA	0	0	
mORF_+_4125143	4125143	4125184	+	2	42	GTG	TGA	0	0	
mORF_+_4125181	4125181	4125417	+	1	237	GTG	TAA	0	0	
mORF_+_4125287	4125287	4125349	+	2	63	TTG	TGA	0	0	
mORF_+_4125300	4125300	4125560	+	3	261	TTG	TGA	0	0	
mORF_+_4125353	4125353	4125427	+	2	75	GTG	TGA	0	0	
mORF_+_4125424	4125424	4125438	+	1	15	TTG	TGA	0	0	
mORF_+_4125431	4125431	4125568	+	2	138	TTG	TGA	0	0	
mORF_+_4125596	4125596	4125697	+	2	102	TTG	TGA	0	0	
mORF_+_4125603	4125603	4125821	+	3	219	TTG	TGA	0	0	
mORF_+_4125664	4125664	4125738	+	1	75	TTG	TAG	0	0	
mORF_+_4125745	4125745	4125780	+	1	36	TTG	TAA	0	0	
mORF_+_4125818	4125818	4125841	+	2	24	ATG	TGA	0	0	
mORF_+_4125838	4125838	4125990	+	1	153	ATG	TGA	0	0	
mORF_+_4125852	4125852	4125923	+	3	72	TTG	TAA	0	0	
mORF_+_4125854	4125854	4125895	+	2	42	GTG	TGA	0	0	
mORF_+_4125930	4125930	4126046	+	3	117	ATG	TAG	0	0	
mORF_+_4125944	4125944	4126126	+	2	183	GTG	TAA	0	0	
mORF_+_4126015	4126015	4126029	+	1	15	GTG	TAA	0	0	
mORF_+_4126096	4126096	4126104	+	1	9	TTG	TAG	0	0	
mORF_+_4126141	4126141	4126269	+	1	129	ATG	TGA	0	0	
mORF_+_4126151	4126151	4126222	+	2	72	TTG	TAA	0	0	
mORF_+_4126212	4126212	4126319	+	3	108	TTG	TAA	0	0	
mORF_+_4126276	4126276	4126287	+	1	12	TTG	TGA	0	0	
mORF_+_4126294	4126294	4126497	+	1	204	GTG	TAG	0	0	
mORF_+_4126356	4126356	4126445	+	3	90	TTG	TAA	0	0	
mORF_+_4126385	4126385	4126393	+	2	9	ATG	TGA	0	0	
mORF_+_4126466	4126466	4126531	+	2	66	TTG	TAA	0	0	
mORF_+_4126518	4126518	4127855	+	3	1338	GTG	TAA	42	716	pORF_+_4126518
mORF_+_4126531	4126531	4126548	+	1	18	ATG	TGA	0	0	
mORF_+_4126574	4126574	4126609	+	2	36	TTG	TAG	0	0	
mORF_+_4126610	4126610	4126636	+	2	27	ATG	TAA	0	0	
mORF_+_4126618	4126618	4126626	+	1	9	ATG	TGA	0	0	
mORF_+_4126738	4126738	4126944	+	1	207	ATG	TAA	0	0	
mORF_+_4126757	4126757	4126795	+	2	39	TTG	TAA	0	0	
mORF_+_4126978	4126978	4127124	+	1	147	TTG	TAG	0	0	
mORF_+_4127039	4127039	4127062	+	2	24	TTG	TGA	0	0	
mORF_+_4127161	4127161	4127202	+	1	42	TTG	TGA	0	0	
mORF_+_4127257	4127257	4127295	+	1	39	GTG	TGA	0	0	
mORF_+_4127279	4127279	4127335	+	2	57	ATG	TAA	0	0	
mORF_+_4127329	4127329	4127388	+	1	60	TTG	TGA	0	0	
mORF_+_4127366	4127366	4127404	+	2	39	GTG	TGA	0	0	
mORF_+_4127401	4127401	4127484	+	1	84	TTG	TGA	0	0	
mORF_+_4127551	4127551	4127595	+	1	45	ATG	TGA	0	0	
mORF_+_4127599	4127599	4127676	+	1	78	TTG	TAG	0	0	
mORF_+_4127719	4127719	4127811	+	1	93	ATG	TAA	0	0	
mORF_+_4127812	4127812	4127904	+	1	93	TTG	TAA	0	0	
mORF_+_4127858	4127858	4130290	+	2	2433	ATG	TAA	47	214	pORF_+_4127858
mORF_+_4127862	4127862	4127867	+	3	6	GTG	TGA	0	0	
mORF_+_4127868	4127868	4127933	+	3	66	TTG	TGA	0	0	
mORF_+_4127935	4127935	4127982	+	1	48	GTG	TGA	0	0	
mORF_+_4127946	4127946	4127990	+	3	45	GTG	TGA	0	0	
mORF_+_4128103	4128103	4128117	+	1	15	GTG	TAG	0	0	
mORF_+_4128162	4128162	4128266	+	3	105	TTG	TGA	0	0	
mORF_+_4128250	4128250	4128282	+	1	33	ATG	TAA	0	0	
mORF_+_4128309	4128309	4128428	+	3	120	TTG	TGA	0	0	
mORF_+_4128456	4128456	4128536	+	3	81	GTG	TAA	0	0	
mORF_+_4128567	4128567	4128587	+	3	21	GTG	TGA	0	0	
mORF_+_4128591	4128591	4128815	+	3	225	ATG	TGA	0	0	
mORF_+_4128816	4128816	4128881	+	3	66	TTG	TGA	0	0	

mORF_+_4128909	4128909	4128977	+	3	69	TTG	TGA	0	0	
mORF_+_4128943	4128943	4129068	+	1	126	TTG	TAA	0	0	
mORF_+_4129050	4129050	4129103	+	3	54	GTG	TGA	0	0	
mORF_+_4129078	4129078	4129140	+	1	63	TTG	TGA	0	0	
mORF_+_4129137	4129137	4129190	+	3	54	ATG	TGA	0	0	
mORF_+_4129273	4129273	4129296	+	1	24	TTG	TGA	0	0	
mORF_+_4129293	4129293	4129373	+	3	81	GTG	TGA	0	0	
mORF_+_4129377	4129377	4129406	+	3	30	ATG	TAG	0	0	
mORF_+_4129419	4129419	4129487	+	3	69	ATG	TAG	0	0	
mORF_+_4129456	4129456	4129479	+	1	24	GTG	TGA	0	0	
mORF_+_4129518	4129518	4129706	+	3	189	TTG	TGA	0	0	
mORF_+_4129819	4129819	4129845	+	1	27	GTG	TGA	0	0	
mORF_+_4129851	4129851	4129877	+	3	27	GTG	TGA	0	0	
mORF_+_4129902	4129902	4130012	+	3	111	GTG	TGA	0	0	
mORF_+_4129963	4129963	4129995	+	1	33	TTG	TGA	0	0	
mORF_+_4130085	4130085	4130108	+	3	24	ATG	TAG	0	0	
mORF_+_4130124	4130124	4130210	+	3	87	GTG	TGA	0	0	
mORF_+_4130155	4130155	4130163	+	1	9	GTG	TAA	0	0	
mORF_+_4130307	4130307	4130357	+	3	51	ATG	TGA	0	0	
mORF_+_4130320	4130320	4130367	+	1	48	ATG	TAG	0	0	
mORF_+_4130354	4130354	4130383	+	2	30	TTG	TAA	0	0	
mORF_+_4130420	4130420	4130506	+	2	87	ATG	TGA	0	0	
mORF_+_4130452	4130452	4130541	+	1	90	TTG	TGA	0	0	
mORF_+_4130523	4130523	4130591	+	3	69	TTG	TAG	0	0	
mORF_+_4130592	4130592	4130627	+	3	36	ATG	TGA	0	0	
mORF_+_4130594	4130594	4130635	+	2	42	GTG	TAA	0	0	
mORF_+_4130639	4130639	4131529	+	2	891	ATG	TAA	54	764	pORF_+_4130639
mORF_+_4130667	4130667	4130675	+	3	9	ATG	TGA	0	0	
mORF_+_4130742	4130742	4130792	+	3	51	GTG	TGA	0	0	
mORF_+_4130761	4130761	4130784	+	1	24	GTG	TAG	0	0	
mORF_+_4130802	4130802	4130813	+	3	12	TTG	TGA	0	0	
mORF_+_4130817	4130817	4131047	+	3	231	ATG	TGA	0	0	
mORF_+_4130908	4130908	4130916	+	1	9	TTG	TGA	0	0	
mORF_+_4131159	4131159	4131317	+	3	159	ATG	TGA	0	0	
mORF_+_4131337	4131337	4131369	+	1	33	GTG	TGA	0	0	
mORF_+_4131366	4131366	4131422	+	3	57	ATG	TGA	0	0	
mORF_+_4131435	4131435	4131446	+	3	12	GTG	TGA	0	0	
mORF_+_4131474	4131474	4131485	+	3	12	GTG	TGA	0	0	
mORF_+_4131496	4131496	4131561	+	1	66	TTG	TGA	0	0	
mORF_+_4131533	4131533	4131547	+	2	15	GTG	TGA	0	0	
mORF_+_4131558	4131558	4131617	+	3	60	GTG	TAA	0	0	
mORF_+_4131587	4131587	4131706	+	2	120	ATG	TAA	0	0	
mORF_+_4131648	4131648	4131764	+	3	117	TTG	TAA	0	0	
mORF_+_4131784	4131784	4131792	+	1	9	GTG	TAA	0	0	
mORF_+_4131819	4131819	4134038	+	3	2220	GTG	TAA	108	1149	pORF_+_4131819
mORF_+_4131902	4131902	4131988	+	2	87	ATG	TGA	0	0	
mORF_+_4131934	4131934	4131996	+	1	63	GTG	TAA	0	0	
mORF_+_4132027	4132027	4132065	+	1	39	GTG	TAG	0	0	
mORF_+_4132118	4132118	4132264	+	2	147	GTG	TAA	0	0	
mORF_+_4132201	4132201	4132248	+	1	48	ATG	TGA	0	0	
mORF_+_4132295	4132295	4132360	+	2	66	GTG	TAA	0	0	
mORF_+_4132315	4132315	4132371	+	1	57	ATG	TAG	0	0	
mORF_+_4132399	4132399	4132470	+	1	72	TTG	TGA	0	0	
mORF_+_4132510	4132510	4132530	+	1	21	GTG	TGA	0	0	
mORF_+_4132645	4132645	4132701	+	1	57	TTG	TAG	0	0	
mORF_+_4132726	4132726	4132743	+	1	18	TTG	TAG	0	0	
mORF_+_4132745	4132745	4132867	+	2	123	TTG	TGA	0	0	
mORF_+_4132771	4132771	4132806	+	1	36	TTG	TAG	0	0	
mORF_+_4132864	4132864	4132917	+	1	54	ATG	TAG	0	0	
mORF_+_4132868	4132868	4132948	+	2	81	GTG	TGA	0	0	
mORF_+_4132945	4132945	4132983	+	1	39	TTG	TGA	0	0	
mORF_+_4133002	4133002	4133091	+	1	90	TTG	TGA	0	0	
mORF_+_4133227	4133227	4133340	+	1	114	TTG	TAA	0	0	

mORF_+_4133359	4133359	4133364	+	1	6	ATG	TGA	0	0	
mORF_+_4133380	4133380	4133445	+	1	66	GTG	TAG	0	0	
mORF_+_4133455	4133455	4133496	+	1	42	GTG	TGA	0	0	
mORF_+_4133503	4133503	4133643	+	1	141	ATG	TGA	0	0	
mORF_+_4133707	4133707	4133772	+	1	66	GTG	TGA	0	0	
mORF_+_4133776	4133776	4133790	+	1	15	ATG	TGA	0	0	
mORF_+_4133813	4133813	4133857	+	2	45	GTG	TGA	0	0	
mORF_+_4133854	4133854	4133877	+	1	24	GTG	TGA	0	0	
mORF_+_4133893	4133893	4134003	+	1	111	GTG	TGA	0	0	
mORF_+_4133996	4133996	4134043	+	2	48	ATG	TGA	0	0	
mORF_+_4134061	4134061	4134204	+	1	144	TTG	TAG	0	0	
mORF_+_4134098	4134098	4135036	+	2	939	GTG	TGA	0	0	
mORF_+_4134168	4134168	4134218	+	3	51	GTG	TGA	0	0	
mORF_+_4134240	4134240	4134350	+	3	111	GTG	TAG	0	0	
mORF_+_4134354	4134354	4134437	+	3	84	TTG	TGA	0	0	
mORF_+_4134394	4134394	4134489	+	1	96	GTG	TGA	0	0	
mORF_+_4134486	4134486	4134524	+	3	39	GTG	TGA	0	0	
mORF_+_4134525	4134525	4134584	+	3	60	TTG	TGA	0	0	
mORF_+_4134559	4134559	4134645	+	1	87	GTG	TAA	0	0	
mORF_+_4134588	4134588	4134689	+	3	102	GTG	TAA	0	0	
mORF_+_4134708	4134708	4134722	+	3	15	ATG	TGA	0	0	
mORF_+_4134726	4134726	4134848	+	3	123	GTG	TGA	0	0	
mORF_+_4134823	4134823	4134951	+	1	129	GTG	TGA	0	0	
mORF_+_4134867	4134867	4134878	+	3	12	TTG	TAA	0	0	
mORF_+_4134948	4134948	4134971	+	3	24	TTG	TGA	0	0	
mORF_+_4134972	4134972	4134995	+	3	24	TTG	TGA	0	0	
mORF_+_4135020	4135020	4135025	+	3	6	GTG	TAA	0	0	
mORF_+_4135048	4135048	4135185	+	1	138	ATG	TGA	0	0	
mORF_+_4135050	4135050	4135070	+	3	21	GTG	TAA	0	0	
mORF_+_4135139	4135139	4135246	+	2	108	ATG	TGA	0	0	
mORF_+_4135198	4135198	4135353	+	1	156	ATG	TAA	0	0	
mORF_+_4135200	4135200	4135295	+	3	96	GTG	TAA	0	0	
mORF_+_4135262	4135262	4135327	+	2	66	TTG	TGA	0	0	
mORF_+_4135331	4135331	4135402	+	2	72	ATG	TGA	0	0	
mORF_+_4135363	4135363	4135530	+	1	168	TTG	TAG	0	0	
mORF_+_4135437	4135437	4135502	+	3	66	ATG	TAA	0	0	
mORF_+_4135532	4135532	4135729	+	2	198	GTG	TAA	0	0	
mORF_+_4135543	4135543	4135626	+	1	84	TTG	TAA	0	0	
mORF_+_4135602	4135602	4135640	+	3	39	TTG	TAA	0	0	
mORF_+_4135630	4135630	4135650	+	1	21	GTG	TAG	0	0	
mORF_+_4135641	4135641	4135658	+	3	18	ATG	TGA	0	0	
mORF_+_4135668	4135668	4135766	+	3	99	GTG	TAA	0	0	
mORF_+_4135733	4135733	4135777	+	2	45	TTG	TGA	0	0	
mORF_+_4135783	4135783	4135827	+	1	45	GTG	TGA	0	0	
mORF_+_4135817	4135817	4135866	+	2	750	ATG	TAA	0	0	
mORF_+_4135824	4135824	4135982	+	3	159	GTG	TGA	0	0	
mORF_+_4135945	4135945	4135953	+	1	9	TTG	TAG	0	0	
mORF_+_4136043	4136043	4136051	+	3	9	ATG	TGA	0	0	
mORF_+_4136052	4136052	4136129	+	3	78	ATG	TGA	0	0	
mORF_+_4136071	4136071	4136118	+	1	48	ATG	TAA	0	0	
mORF_+_4136140	4136140	4136163	+	1	24	TTG	TAA	0	0	
mORF_+_4136230	4136230	4136274	+	1	45	ATG	TAG	0	0	
mORF_+_4136346	4136346	4136441	+	3	96	GTG	TAG	0	0	
mORF_+_4136455	4136455	4136610	+	1	156	GTG	TGA	0	0	
mORF_+_4136472	4136472	4136642	+	3	171	GTG	TAG	0	0	
mORF_+_4136626	4136626	4136673	+	1	48	TTG	TAA	0	0	
mORF_+_4136664	4136664	4136669	+	3	6	GTG	TAG	0	0	
mORF_+_4136680	4136680	4136703	+	1	24	ATG	TAG	0	0	
mORF_+_4136716	4136716	4136742	+	1	27	GTG	TGA	0	0	
mORF_+_4136739	4136739	4136927	+	3	189	ATG	TGA	0	0	
mORF_+_4136744	4136744	4136938	+	2	195	ATG	TAA	0	0	
mORF_+_4136746	4136746	4136904	+	1	159	GTG	TAA	1	2	pORF_+_4136746
mORF_+_4136946	4136946	4137044	+	3	99	TTG	TGA	0	0	

mORF_+_4137037	4137037	4137048	+	1	12	GTG	TAA	0	0
mORF_+_4137041	4137041	4137082	+	2	42	TTG	TAG	0	0
mORF_+_4137048	4137048	4137128	+	3	81	ATG	TGA	0	0
mORF_+_4137061	4137061	4137072	+	1	12	TTG	TAG	0	0
mORF_+_4137082	4137082	4137219	+	1	138	GTG	TGA	0	0
mORF_+_4137089	4137089	4137124	+	2	36	ATG	TAG	0	0
mORF_+_4137153	4137153	4137170	+	3	18	TTG	TAA	0	0
mORF_+_4137250	4137250	4137294	+	1	45	ATG	TGA	0	0
mORF_+_4137264	4137264	4137275	+	3	12	GTG	TAA	0	0
mORF_+_4137282	4137282	4137377	+	3	96	TTG	TAA	0	0
mORF_+_4137304	4137304	4137558	+	1	255	ATG	TGA	0	0
mORF_+_4137356	4137356	4137418	+	2	63	TTG	TAG	0	0
mORF_+_4137384	4137384	4137869	+	3	486	TTG	TGA	0	0
mORF_+_4137446	4137446	4137499	+	2	54	TTG	TAG	0	0
mORF_+_4137568	4137568	4137780	+	1	213	ATG	TAG	0	0
mORF_+_4137653	4137653	4137709	+	2	57	TTG	TAG	0	0
mORF_+_4137758	4137758	4137898	+	2	141	ATG	TAA	0	0
mORF_+_4137885	4137885	4138079	+	3	195	TTG	TAG	0	0
mORF_+_4137911	4137911	4137988	+	2	78	TTG	TGA	0	0
mORF_+_4137995	4137995	4138324	+	2	330	GTG	TGA	0	0
mORF_+_4137997	4137997	4138014	+	1	18	GTG	TAA	0	0
mORF_+_4138113	4138113	4138451	+	3	339	ATG	TAA	0	0
mORF_+_4138156	4138156	4138161	+	1	6	GTG	TGA	0	0
mORF_+_4138183	4138183	4138263	+	1	81	GTG	TGA	0	0
mORF_+_4138321	4138321	4138341	+	1	21	TTG	TGA	0	0
mORF_+_4138430	4138430	4138672	+	2	243	ATG	TAG	0	0
mORF_+_4138468	4138468	4138500	+	1	33	ATG	TAA	0	0
mORF_+_4138485	4138485	4138490	+	3	6	TTG	TAG	0	0
mORF_+_4138593	4138593	4138763	+	3	171	ATG	TGA	0	0
mORF_+_4138673	4138673	4138711	+	2	39	TTG	TAA	0	0
mORF_+_4138723	4138723	4138746	+	1	24	TTG	TGA	0	0
mORF_+_4138760	4138760	4138789	+	2	30	GTG	TAG	0	0
mORF_+_4138794	4138794	4138823	+	3	30	GTG	TAA	0	0
mORF_+_4138855	4138855	4138911	+	1	57	TTG	TAG	0	0
mORF_+_4138869	4138869	4138880	+	3	12	ATG	TAA	0	0
mORF_+_4138890	4138890	4138955	+	3	66	TTG	TGA	0	0
mORF_+_4138962	4138962	4139009	+	3	48	ATG	TAG	0	0
mORF_+_4138987	4138987	4139091	+	1	105	GTG	TAG	0	0
mORF_+_4139019	4139019	4139081	+	3	63	GTG	TGA	0	0
mORF_+_4139078	4139078	4139347	+	2	270	GTG	TGA	0	0
mORF_+_4139085	4139085	4139192	+	3	108	ATG	TGA	0	0
mORF_+_4139241	4139241	4139255	+	3	15	TTG	TAA	0	0
mORF_+_4139308	4139308	4139319	+	1	12	TTG	TGA	0	0
mORF_+_4139313	4139313	4139387	+	3	75	ATG	TGA	0	0
mORF_+_4139344	4139344	4139367	+	1	24	GTG	TGA	0	0
mORF_+_4139384	4139384	4139503	+	2	120	GTG	TAA	0	0
mORF_+_4139439	4139439	4139489	+	3	51	ATG	TAG	0	0
mORF_+_4139464	4139464	4139631	+	1	168	GTG	TGA	0	0
mORF_+_4139540	4139540	4139620	+	2	81	TTG	TAA	0	0
mORF_+_4139645	4139645	4139833	+	2	189	ATG	TAA	0	0
mORF_+_4139736	4139736	4140344	+	3	609	ATG	TAA	0	0
mORF_+_4139770	4139770	4139826	+	1	57	GTG	TGA	0	0
mORF_+_4139897	4139897	4139920	+	2	24	TTG	TGA	0	0
mORF_+_4139917	4139917	4139952	+	1	36	GTG	TAA	0	0
mORF_+_4139975	4139975	4140007	+	2	33	GTG	TAA	0	0
mORF_+_4140014	4140014	4140049	+	2	36	GTG	TAA	0	0
mORF_+_4140134	4140134	4140151	+	2	18	ATG	TGA	0	0
mORF_+_4140148	4140148	4140210	+	1	63	GTG	TAG	0	0
mORF_+_4140179	4140179	4140214	+	2	36	GTG	TAG	0	0
mORF_+_4140244	4140244	4140282	+	1	39	TTG	TAA	0	0
mORF_+_4140305	4140305	4140310	+	2	6	ATG	TGA	0	0
mORF_+_4140307	4140307	4140339	+	1	33	GTG	TAA	0	0
mORF_+_4140353	4140353	4140436	+	2	84	TTG	TGA	0	0

mORF_+_4140387	4140387	4140413	+	3	27	ATG	TGA	0	0	
mORF_+_4140456	4140456	4140560	+	3	105	ATG	TGA	0	0	
mORF_+_4140476	4140476	4140556	+	2	81	TTG	TGA	0	0	
mORF_+_4140553	4140553	4141632	+	1	1080	ATG	TAA	0	0	
mORF_+_4140557	4140557	4140577	+	2	21	ATG	TGA	0	0	
mORF_+_4140671	4140671	4140700	+	2	30	ATG	TAG	0	0	
mORF_+_4140725	4140725	4140748	+	2	24	TTG	TGA	0	0	
mORF_+_4140791	4140791	4140874	+	2	84	TTG	TGA	0	0	
mORF_+_4140816	4140816	4140842	+	3	27	GTG	TAA	0	0	
mORF_+_4141005	4141005	4141142	+	3	138	GTG	TAA	0	0	
mORF_+_4141082	4141082	4141099	+	2	18	TTG	TGA	0	0	
mORF_+_4141154	4141154	4141168	+	2	15	ATG	TGA	0	0	
mORF_+_4141170	4141170	4141268	+	3	99	TTG	TAA	0	0	
mORF_+_4141175	4141175	4141258	+	2	84	TTG	TGA	0	0	
mORF_+_4141259	4141259	4141315	+	2	57	TTG	TGA	0	0	
mORF_+_4141322	4141322	4141417	+	2	96	GTG	TAA	0	0	
mORF_+_4141404	4141404	4141484	+	3	81	TTG	TGA	0	0	
mORF_+_4141433	4141433	4141465	+	2	33	GTG	TGA	0	0	
mORF_+_4141466	4141466	4141531	+	2	66	TTG	TGA	0	0	
mORF_+_4141539	4141539	4141571	+	3	33	TTG	TAA	0	0	
mORF_+_4141541	4141541	4141546	+	2	6	GTG	TGA	0	0	
mORF_+_4141574	4141574	4141636	+	2	63	ATG	TGA	0	0	
mORF_+_4141633	4141633	4141650	+	1	18	TTG	TGA	0	0	
mORF_+_4141647	4141647	4141967	+	3	321	ATG	TAA	0	0	
mORF_+_4141660	4141660	4141668	+	1	9	TTG	TAA	0	0	
mORF_+_4141673	4141673	4141789	+	2	117	ATG	TGA	0	0	
mORF_+_4141684	4141684	4141752	+	1	69	GTG	TGA	0	0	
mORF_+_4141774	4141774	4141794	+	1	21	TTG	TGA	0	0	
mORF_+_4141804	4141804	4141827	+	1	24	ATG	TGA	0	0	
mORF_+_4141855	4141855	4141911	+	1	57	TTG	TAA	0	0	
mORF_+_4141915	4141915	4141932	+	1	18	GTG	TGA	0	0	
mORF_+_4141939	4141939	4142070	+	1	132	TTG	TGA	0	0	
mORF_+_4142018	4142018	4144315	+	2	2298	ATG	TAA	0	0	
mORF_+_4142055	4142055	4142135	+	3	81	TTG	TGA	0	0	
mORF_+_4142169	4142169	4142207	+	3	39	TTG	TGA	0	0	
mORF_+_4142208	4142208	4142228	+	3	21	TTG	TAA	0	0	
mORF_+_4142319	4142319	4142390	+	3	72	TTG	TGA	0	0	
mORF_+_4142418	4142418	4142426	+	3	9	ATG	TAA	0	0	
mORF_+_4142493	4142493	4142513	+	3	21	TTG	TGA	0	0	
mORF_+_4142526	4142526	4142699	+	3	174	GTG	TGA	0	0	
mORF_+_4142554	4142554	4142724	+	1	171	TTG	TAA	0	0	
mORF_+_4142703	4142703	4142780	+	3	78	TTG	TGA	0	0	
mORF_+_4142758	4142758	4142961	+	1	204	GTG	TAG	0	0	
mORF_+_4142883	4142883	4142897	+	3	15	ATG	TGA	0	0	
mORF_+_4143058	4143058	4143066	+	1	9	TTG	TGA	0	0	
mORF_+_4143063	4143063	4143125	+	3	63	TTG	TGA	0	0	
mORF_+_4143198	4143198	4143266	+	3	69	ATG	TAG	0	0	
mORF_+_4143273	4143273	4143338	+	3	66	GTG	TGA	0	0	
mORF_+_4143360	4143360	4143386	+	3	27	ATG	TGA	0	0	
mORF_+_4143390	4143390	4143443	+	3	54	ATG	TGA	0	0	
mORF_+_4143447	4143447	4143608	+	3	162	TTG	TGA	1	2	pORF_+_4143447
mORF_+_4143463	4143463	4143468	+	1	6	TTG	TGA	0	0	
mORF_+_4143523	4143523	4143570	+	1	48	TTG	TAA	0	0	
mORF_+_4143621	4143621	4143629	+	3	9	ATG	TGA	0	0	
mORF_+_4143642	4143642	4143659	+	3	18	TTG	TAA	0	0	
mORF_+_4143663	4143663	4143686	+	3	24	TTG	TAA	0	0	
mORF_+_4143903	4143903	4144004	+	3	102	TTG	TGA	0	0	
mORF_+_4144086	4144086	4144169	+	3	84	GTG	TGA	0	0	
mORF_+_4144212	4144212	4145159	+	3	948	ATG	TAA	0	0	
mORF_+_4144318	4144318	4144377	+	1	60	TTG	TGA	0	0	
mORF_+_4144378	4144378	4144602	+	1	225	ATG	TGA	0	0	
mORF_+_4144430	4144430	4144447	+	2	18	TTG	TAA	0	0	
mORF_+_4144496	4144496	4144525	+	2	30	ATG	TGA	0	0	

mORF_+_4144535	4144535	4144555	+	2	21	ATG	TGA	0	0
mORF_+_4144609	4144609	4144668	+	1	60	ATG	TAA	0	0
mORF_+_4144681	4144681	4144809	+	1	129	TTG	TAA	0	0
mORF_+_4144712	4144712	4144735	+	2	24	GTG	TGA	0	0
mORF_+_4144784	4144784	4144792	+	2	9	GTG	TGA	0	0
mORF_+_4144837	4144837	4144845	+	1	9	ATG	TGA	0	0
mORF_+_4144891	4144891	4144908	+	1	18	GTG	TGA	0	0
mORF_+_4144972	4144972	4144980	+	1	9	ATG	TGA	0	0
mORF_+_4145060	4145060	4145098	+	2	39	ATG	TGA	0	0
mORF_+_4145098	4145098	4145502	+	1	405	ATG	TAG	0	0
mORF_+_4145241	4145241	4145273	+	3	33	GTG	TGA	0	0
mORF_+_4145270	4145270	4145308	+	2	39	TTG	TAG	0	0
mORF_+_4145312	4145312	4145347	+	2	36	ATG	TGA	0	0
mORF_+_4145363	4145363	4145443	+	2	81	TTG	TAA	0	0
mORF_+_4145388	4145388	4145429	+	3	42	TTG	TGA	0	0
mORF_+_4145519	4145519	4145656	+	2	138	TTG	TAA	0	0
mORF_+_4145562	4145562	4145591	+	3	30	GTG	TAG	0	0
mORF_+_4145592	4145592	4145645	+	3	54	TTG	TAG	0	0
mORF_+_4145666	4145666	4145833	+	2	168	GTG	TAG	0	0
mORF_+_4145679	4145679	4145684	+	3	6	GTG	TGA	0	0
mORF_+_4145706	4145706	4145723	+	3	18	ATG	TGA	0	0
mORF_+_4145743	4145743	4145784	+	1	42	TTG	TAA	0	0
mORF_+_4145833	4145833	4145892	+	1	60	GTG	TAA	0	0
mORF_+_4145861	4145861	4145965	+	2	105	TTG	TAG	0	0
mORF_+_4145914	4145914	4145955	+	1	42	TTG	TGA	0	0
mORF_+_4145952	4145952	4146023	+	3	72	TTG	TGA	0	0
mORF_+_4145983	4145983	4146054	+	1	72	GTG	TGA	0	0
mORF_+_4146002	4146002	4146163	+	2	162	GTG	TAA	0	0
mORF_+_4146030	4146030	4146233	+	3	204	TTG	TGA	0	0
mORF_+_4146112	4146112	4146303	+	1	192	GTG	TGA	0	0
mORF_+_4146300	4146300	4146323	+	3	24	TTG	TAG	0	0
mORF_+_4146332	4146332	4146361	+	2	30	GTG	TAG	0	0
mORF_+_4146339	4146339	4146353	+	3	15	ATG	TAG	0	0
mORF_+_4146407	4146407	4146433	+	2	27	GTG	TAA	0	0
mORF_+_4146409	4146409	4146417	+	1	9	GTG	TGA	0	0
mORF_+_4146437	4146437	4146643	+	2	207	TTG	TAG	0	0
mORF_+_4146451	4146451	4146468	+	1	18	TTG	TAA	0	0
mORF_+_4146589	4146589	4146597	+	1	9	GTG	TAA	0	0
mORF_+_4146649	4146649	4146687	+	1	39	TTG	TAA	0	0
mORF_+_4146677	4146677	4146949	+	2	273	TTG	TAA	0	0
mORF_+_4146721	4146721	4146783	+	1	63	GTG	TGA	0	0
mORF_+_4146723	4146723	4146803	+	3	81	GTG	TGA	0	0
mORF_+_4146823	4146823	4146837	+	1	15	ATG	TGA	0	0
mORF_+_4146834	4146834	4147016	+	3	183	ATG	TGA	0	0
mORF_+_4146847	4146847	4146867	+	1	21	TTG	TGA	0	0
mORF_+_4146871	4146871	4146891	+	1	21	TTG	TAA	0	0
mORF_+_4146997	4146997	4147005	+	1	9	TTG	TAA	0	0
mORF_+_4147013	4147013	4147108	+	2	96	ATG	TGA	0	0
mORF_+_4147050	4147050	4147574	+	3	525	ATG	TAA	0	0
mORF_+_4147060	4147060	4147080	+	1	21	TTG	TGA	0	0
mORF_+_4147099	4147099	4147128	+	1	30	TTG	TGA	0	0
mORF_+_4147132	4147132	4147236	+	1	105	ATG	TAG	0	0
mORF_+_4147243	4147243	4147326	+	1	84	TTG	TAA	0	0
mORF_+_4147342	4147342	4147521	+	1	180	ATG	TAA	0	0
mORF_+_4147534	4147534	4147671	+	1	138	ATG	TGA	0	0
mORF_+_4147616	4147616	4147768	+	2	153	GTG	TGA	0	0
mORF_+_4147665	4147665	4147943	+	3	279	TTG	TAA	0	0
mORF_+_4147759	4147759	4147809	+	1	51	TTG	TAA	0	0
mORF_+_4147844	4147844	4147912	+	2	69	TTG	TAA	0	0
mORF_+_4147960	4147960	4148010	+	1	51	TTG	TGA	0	0
mORF_+_4148017	4148017	4148025	+	1	9	ATG	TAG	0	0
mORF_+_4148152	4148152	4148172	+	1	21	ATG	TAA	0	0
mORF_+_4148179	4148179	4148184	+	1	6	ATG	TAA	0	0

mORF_+_4148188	4148188	4148223	+	1	36	ATG	TAG	0	0
mORF_+_4148228	4148228	4148254	+	2	27	GTG	TAA	0	0
mORF_+_4148278	4148278	4148340	+	1	63	GTG	TAA	0	0
mORF_+_4148283	4148283	4148306	+	3	24	ATG	TGA	0	0
mORF_+_4148303	4148303	4148326	+	2	24	TTG	TAA	0	0
mORF_+_4148366	4148366	4148395	+	2	30	TTG	TGA	0	0
mORF_+_4148392	4148392	4148520	+	1	129	TTG	TAA	0	0
mORF_+_4148454	4148454	4148510	+	3	57	TTG	TAG	0	0
mORF_+_4148510	4148510	4148620	+	2	111	GTG	TAA	0	0
mORF_+_4148524	4148524	4148631	+	1	108	TTG	TAG	0	0
mORF_+_4148671	4148671	4148730	+	1	60	ATG	TAA	0	0
mORF_+_4148681	4148681	4148779	+	2	99	TTG	TAG	0	0
mORF_+_4148751	4148751	4148867	+	3	117	GTG	TAG	0	0
mORF_+_4148770	4148770	4148988	+	1	219	TTG	TAG	0	0
mORF_+_4148804	4148804	4149082	+	2	279	TTG	TAA	0	0
mORF_+_4148988	4148988	4149068	+	3	81	GTG	TAG	0	0
mORF_+_4149055	4149055	4149141	+	1	87	TTG	TGA	0	0
mORF_+_4149095	4149095	4149112	+	2	18	TTG	TAG	0	0
mORF_+_4149134	4149134	4149223	+	2	90	ATG	TAA	0	0
mORF_+_4149186	4149186	4149239	+	3	54	GTG	TGA	0	0
mORF_+_4149242	4149242	4149346	+	2	105	GTG	TGA	0	0
mORF_+_4149325	4149325	4149330	+	1	6	TTG	TGA	0	0
mORF_+_4149327	4149327	4149428	+	3	102	GTG	TGA	0	0
mORF_+_4149343	4149343	4149432	+	1	90	ATG	TAA	0	0
mORF_+_4149368	4149368	4149448	+	2	81	ATG	TGA	0	0
mORF_+_4149432	4149432	4149557	+	3	126	ATG	TGA	0	0
mORF_+_4149451	4149451	4149492	+	1	42	TTG	TGA	0	0
mORF_+_4149521	4149521	4149529	+	2	9	TTG	TGA	0	0
mORF_+_4149554	4149554	4149709	+	2	156	TTG	TAG	0	0
mORF_+_4149661	4149661	4149858	+	1	198	GTG	TGA	0	0
mORF_+_4149716	4149716	4149871	+	2	156	ATG	TAG	0	0
mORF_+_4149729	4149729	4150013	+	3	285	GTG	TAA	0	0
mORF_+_4149916	4149916	4150038	+	1	123	ATG	TGA	0	0
mORF_+_4149923	4149923	4149934	+	2	12	GTG	TGA	0	0
mORF_+_4149986	4149986	4150033	+	2	48	GTG	TGA	0	0
mORF_+_4150035	4150035	4150313	+	3	279	GTG	TGA	0	0
mORF_+_4150078	4150078	4150317	+	1	240	TTG	TAG	0	0
mORF_+_4150295	4150295	4150423	+	2	129	GTG	TAG	0	0
mORF_+_4150324	4150324	4150569	+	1	246	GTG	TGA	0	0
mORF_+_4150467	4150467	4150697	+	3	231	TTG	TAA	0	0
mORF_+_4150514	4150514	4150618	+	2	105	TTG	TAG	0	0
mORF_+_4150609	4150609	4150650	+	1	42	GTG	TAA	0	0
mORF_+_4150631	4150631	4150711	+	2	81	TTG	TGA	0	0
mORF_+_4150675	4150675	4150944	+	1	270	GTG	TAA	0	0
mORF_+_4150704	4150704	4150718	+	3	15	TTG	TGA	0	0
mORF_+_4150715	4150715	4150894	+	2	180	GTG	TGA	0	0
mORF_+_4150946	4150946	4151152	+	2	207	GTG	TGA	0	0
mORF_+_4150986	4150986	4151012	+	3	27	GTG	TAG	0	0
mORF_+_4151032	4151032	4151277	+	1	246	GTG	TAA	0	0
mORF_+_4151100	4151100	4151231	+	3	132	ATG	TAA	0	0
mORF_+_4151177	4151177	4151221	+	2	45	TTG	TAA	0	0
mORF_+_4151237	4151237	4151281	+	2	45	GTG	TAG	0	0
mORF_+_4151247	4151247	4151300	+	3	54	ATG	TAA	0	0
mORF_+_4151330	4151330	4151359	+	2	30	ATG	TAA	0	0
mORF_+_4151368	4151368	4151373	+	1	6	GTG	TAG	0	0
mORF_+_4151384	4151384	4151722	+	2	339	ATG	TAA	0	0
mORF_+_4151410	4151410	4151505	+	1	96	TTG	TAA	0	0
mORF_+_4151472	4151472	4151486	+	3	15	TTG	TGA	0	0
mORF_+_4151533	4151533	4151619	+	1	87	TTG	TAG	0	0
mORF_+_4151595	4151595	4151609	+	3	15	TTG	TGA	0	0
mORF_+_4151656	4151656	4151823	+	1	168	TTG	TGA	0	0
mORF_+_4151765	4151765	4151806	+	2	42	GTG	TGA	0	0
mORF_+_4151781	4151781	4151819	+	3	39	GTG	TAA	0	0

mORF_+_4151820	4151820	4151864	+	3	45	TTG	TAA	0	0	
mORF_+_4151857	4151857	4152249	+	1	393	TTG	TAG	0	0	
mORF_+_4151901	4151901	4152038	+	3	138	TTG	TGA	0	0	
mORF_+_4152035	4152035	4152139	+	2	105	TTG	TGA	0	0	
mORF_+_4152060	4152060	4152122	+	3	63	GTG	TAG	0	0	
mORF_+_4152152	4152152	4152187	+	2	36	TTG	TAG	0	0	
mORF_+_4152165	4152165	4152176	+	3	12	ATG	TAA	0	0	
mORF_+_4152233	4152233	4152304	+	2	72	ATG	TGA	0	0	
mORF_+_4152270	4152270	4152320	+	3	51	GTG	TAG	0	0	
mORF_+_4152286	4152286	4152354	+	1	69	GTG	TAG	0	0	
mORF_+_4152311	4152311	4152328	+	2	18	ATG	TGA	0	0	
mORF_+_4152336	4152336	4152374	+	3	39	GTG	TGA	0	0	
mORF_+_4152371	4152371	4152415	+	2	45	ATG	TAA	0	0	
mORF_+_4152458	4152458	4152463	+	2	6	ATG	TAG	0	0	
mORF_+_4152482	4152482	4152556	+	2	75	GTG	TAA	0	0	
mORF_+_4152560	4152560	4152784	+	2	225	TTG	TGA	0	0	
mORF_+_4152568	4152568	4152768	+	1	201	ATG	TAA	0	0	
mORF_+_4152579	4152579	4152584	+	3	6	GTG	TAA	0	0	
mORF_+_4152615	4152615	4152686	+	3	72	ATG	TGA	0	0	
mORF_+_4152781	4152781	4152813	+	1	33	TTG	TGA	0	0	
mORF_+_4152789	4152789	4152848	+	3	60	GTG	TAA	0	0	
mORF_+_4152800	4152800	4152838	+	2	39	GTG	TAA	0	0	
mORF_+_4152849	4152849	4152893	+	3	45	ATG	TGA	0	0	
mORF_+_4152860	4152860	4152922	+	2	63	TTG	TGA	0	0	
mORF_+_4152919	4152919	4153014	+	1	96	ATG	TGA	0	0	
mORF_+_4152974	4152974	4152988	+	2	15	ATG	TAA	0	0	
mORF_+_4153011	4153011	4153142	+	3	132	GTG	TGA	0	0	
mORF_+_4153024	4153024	4154028	+	1	1005	ATG	TAA	25	145	pORF_+_4153024
mORF_+_4153040	4153040	4153075	+	2	36	TTG	TAG	0	0	
mORF_+_4153082	4153082	4153087	+	2	6	ATG	TAA	0	0	
mORF_+_4153139	4153139	4153156	+	2	18	ATG	TAA	0	0	
mORF_+_4153190	4153190	4153249	+	2	60	TTG	TAG	0	0	
mORF_+_4153268	4153268	4153288	+	2	21	ATG	TAG	0	0	
mORF_+_4153301	4153301	4153453	+	2	153	TTG	TAA	0	0	
mORF_+_4153434	4153434	4153445	+	3	12	GTG	TAA	0	0	
mORF_+_4153469	4153469	4153513	+	2	45	TTG	TGA	0	0	
mORF_+_4153523	4153523	4153561	+	2	39	TTG	TGA	0	0	
mORF_+_4153551	4153551	4153598	+	3	48	GTG	TAA	0	0	
mORF_+_4153586	4153586	4153765	+	2	180	GTG	TGA	0	0	
mORF_+_4153620	4153620	4153625	+	3	6	TTG	TGA	0	0	
mORF_+_4153772	4153772	4153777	+	2	6	GTG	TGA	0	0	
mORF_+_4153814	4153814	4153864	+	2	51	ATG	TGA	0	0	
mORF_+_4153868	4153868	4153924	+	2	57	ATG	TGA	0	0	
mORF_+_4153887	4153887	4154039	+	3	153	TTG	TGA	0	0	
mORF_+_4153928	4153928	4153954	+	2	27	TTG	TGA	0	0	
mORF_+_4154003	4154003	4154812	+	2	810	ATG	TAA	37	383	pORF_+_4154003
mORF_+_4154082	4154082	4154120	+	3	39	GTG	TGA	0	0	
mORF_+_4154127	4154127	4154153	+	3	27	GTG	TGA	0	0	
mORF_+_4154154	4154154	4154189	+	3	36	TTG	TGA	0	0	
mORF_+_4154170	4154170	4154184	+	1	15	TTG	TGA	0	0	
mORF_+_4154305	4154305	4154352	+	1	48	ATG	TGA	0	0	
mORF_+_4154325	4154325	4154336	+	3	12	TTG	TAG	0	0	
mORF_+_4154349	4154349	4154372	+	3	24	GTG	TGA	0	0	
mORF_+_4154379	4154379	4154393	+	3	15	TTG	TAG	0	0	
mORF_+_4154397	4154397	4154486	+	3	90	ATG	TAA	0	0	
mORF_+_4154514	4154514	4154564	+	3	51	ATG	TGA	0	0	
mORF_+_4154613	4154613	4154624	+	3	12	TTG	TGA	0	0	
mORF_+_4154649	4154649	4154678	+	3	30	TTG	TGA	0	0	
mORF_+_4154703	4154703	4154732	+	3	30	ATG	TAG	0	0	
mORF_+_4154751	4154751	4154807	+	3	57	ATG	TAG	0	0	
mORF_+_4154816	4154816	4154848	+	2	33	TTG	TGA	0	0	
mORF_+_4154845	4154845	4154949	+	1	105	TTG	TGA	0	0	
mORF_+_4154873	4154873	4156246	+	2	1374	ATG	TAA	66	1715	pORF_+_4154873

mORF_+_4154946	4154946	4155014	+	3	69	TTG	TAG	0	0	
mORF_+_4155075	4155075	4155149	+	3	75	ATG	TGA	0	0	
mORF_+_4155201	4155201	4155212	+	3	12	ATG	TAG	0	0	
mORF_+_4155229	4155229	4155249	+	1	21	GTG	TAG	0	0	
mORF_+_4155376	4155376	4155393	+	1	18	GTG	TGA	0	0	
mORF_+_4155387	4155387	4155458	+	3	72	ATG	TAG	0	0	
mORF_+_4155462	4155462	4155509	+	3	48	GTG	TAG	0	0	
mORF_+_4155525	4155525	4155641	+	3	117	TTG	TGA	0	0	
mORF_+_4155669	4155669	4155692	+	3	24	TTG	TGA	0	0	
mORF_+_4155732	4155732	4155746	+	3	15	ATG	TGA	0	0	
mORF_+_4155757	4155757	4156041	+	1	285	ATG	TGA	0	0	
mORF_+_4156032	4156032	4156121	+	3	90	TTG	TGA	0	0	
mORF_+_4156122	4156122	4156241	+	3	120	TTG	TAG	0	0	
mORF_+_4156159	4156159	4156422	+	1	264	GTG	TGA	0	0	
mORF_+_4156257	4156257	4156361	+	3	105	ATG	TGA	0	0	
mORF_+_4156358	4156358	4156384	+	2	27	TTG	TGA	0	0	
mORF_+_4156403	4156403	4156486	+	2	84	GTG	TGA	0	0	
mORF_+_4156419	4156419	4156526	+	3	108	GTG	TGA	0	0	
mORF_+_4156483	4156483	4157430	+	1	948	ATG	TAA	20	270	pORF_+_4156483
mORF_+_4156493	4156493	4156513	+	2	21	GTG	TAA	0	0	
mORF_+_4156523	4156523	4156648	+	2	126	GTG	TGA	0	0	
mORF_+_4156730	4156730	4156738	+	2	9	GTG	TGA	0	0	
mORF_+_4156796	4156796	4156804	+	2	9	TTG	TGA	0	0	
mORF_+_4156814	4156814	4156945	+	2	132	TTG	TGA	0	0	
mORF_+_4156938	4156938	4156982	+	3	45	TTG	TGA	0	0	
mORF_+_4156979	4156979	4157089	+	2	111	TTG	TGA	0	0	
mORF_+_4157034	4157034	4157141	+	3	108	GTG	TGA	0	0	
mORF_+_4157099	4157099	4157416	+	2	318	ATG	TAA	0	0	
mORF_+_4157286	4157286	4157294	+	3	9	GTG	TAA	0	0	
mORF_+_4157483	4157483	4157542	+	2	60	GTG	TGA	0	0	
mORF_+_4157548	4157548	4157961	+	1	414	ATG	TAG	0	0	
mORF_+_4157601	4157601	4157675	+	3	75	TTG	TAA	0	0	
mORF_+_4157630	4157630	4157764	+	2	135	GTG	TAA	0	0	
mORF_+_4157697	4157697	4157747	+	3	51	ATG	TGA	0	0	
mORF_+_4157793	4157793	4157930	+	3	138	GTG	TGA	0	0	
mORF_+_4157798	4157798	4157848	+	2	51	GTG	TAG	0	0	
mORF_+_4157921	4157921	4158016	+	2	96	ATG	TAG	0	0	
mORF_+_4158055	4158055	4158156	+	1	102	ATG	TGA	0	0	
mORF_+_4158059	4158059	4158109	+	2	51	ATG	TGA	0	0	
mORF_+_4158163	4158163	4158312	+	1	150	TTG	TGA	0	0	
mORF_+_4158174	4158174	4158200	+	3	27	ATG	TGA	0	0	
mORF_+_4158194	4158194	4158271	+	2	78	GTG	TAG	0	0	
mORF_+_4158299	4158299	4158325	+	2	27	ATG	TAA	0	0	
mORF_+_4158309	4158309	4158341	+	3	33	TTG	TGA	0	0	
mORF_+_4158326	4158326	4158361	+	2	36	ATG	TGA	0	0	
mORF_+_4158334	4158334	4158405	+	1	72	ATG	TAG	0	0	
mORF_+_4158354	4158354	4158386	+	3	33	TTG	TAA	0	0	
mORF_+_4158405	4158405	4158533	+	3	129	GTG	TAA	0	0	
mORF_+_4158445	4158445	4158858	+	1	414	ATG	TAA	0	0	
mORF_+_4158515	4158515	4158529	+	2	15	ATG	TGA	0	0	
mORF_+_4158603	4158603	4158617	+	3	15	GTG	TGA	0	0	
mORF_+_4158614	4158614	4158643	+	2	30	TTG	TGA	0	0	
mORF_+_4158662	4158662	4158700	+	2	39	ATG	TGA	0	0	
mORF_+_4158747	4158747	4158818	+	3	72	TTG	TAG	0	0	
mORF_+_4158785	4158785	4158796	+	2	12	ATG	TAA	0	0	
mORF_+_4158812	4158812	4158841	+	2	30	ATG	TAA	0	0	
mORF_+_4158852	4158852	4158875	+	3	24	ATG	TAA	0	0	
mORF_+_4158881	4158881	4158913	+	2	33	TTG	TGA	0	0	
mORF_+_4158921	4158921	4159040	+	3	120	TTG	TAA	0	0	
mORF_+_4158926	4158926	4159147	+	2	222	TTG	TGA	0	0	
mORF_+_4158943	4158943	4158951	+	1	9	TTG	TGA	0	0	
mORF_+_4159051	4159051	4159794	+	1	744	TTG	TAA	7	34	pORF_+_4159051
mORF_+_4159217	4159217	4159243	+	2	27	GTG	TGA	0	0	

mORF_+_4159250	4159250	4159312	+	2	63	GTG	TAG	0	0	
mORF_+_4159334	4159334	4159351	+	2	18	TTG	TAA	0	0	
mORF_+_4159403	4159403	4159408	+	2	6	GTG	TGA	0	0	
mORF_+_4159508	4159508	4159621	+	2	114	GTG	TGA	0	0	
mORF_+_4159625	4159625	4159684	+	2	60	TTG	TAG	0	0	
mORF_+_4159745	4159745	4159783	+	2	39	GTG	TGA	0	0	
mORF_+_4159794	4159794	4160153	+	3	360	ATG	TAA	0	0	
mORF_+_4159840	4159840	4159929	+	1	90	TTG	TGA	0	0	
mORF_+_4160041	4160041	4160238	+	1	198	GTG	TAG	0	0	
mORF_+_4160162	4160162	4160455	+	2	294	ATG	TAA	0	0	
mORF_+_4160169	4160169	4160210	+	3	42	ATG	TAA	0	0	
mORF_+_4160226	4160226	4160288	+	3	63	ATG	TAA	0	0	
mORF_+_4160272	4160272	4160421	+	1	150	TTG	TGA	0	0	
mORF_+_4160442	4160442	4160588	+	3	147	TTG	TAA	0	0	
mORF_+_4160539	4160539	4160703	+	1	165	ATG	TGA	0	0	
mORF_+_4160618	4160618	4160731	+	2	114	ATG	TAA	0	0	
mORF_+_4160791	4160791	4160796	+	1	6	ATG	TAA	0	0	
mORF_+_4160815	4160815	4160895	+	1	81	TTG	TGA	0	0	
mORF_+_4160825	4160825	4160959	+	2	135	TTG	TAG	0	0	
mORF_+_4160841	4160841	4160927	+	3	87	ATG	TAG	0	0	
mORF_+_4160959	4160959	4160967	+	1	9	GTG	TAA	0	0	
mORF_+_4160983	4160983	4161099	+	1	117	TTG	TGA	0	0	
mORF_+_4160985	4160985	4161251	+	3	267	GTG	TAA	0	0	
mORF_+_4161106	4161106	4161114	+	1	9	ATG	TGA	0	0	
mORF_+_4161139	4161139	4161165	+	1	27	ATG	TAA	0	0	
mORF_+_4161212	4161212	4161295	+	2	84	GTG	TGA	0	0	
mORF_+_4161279	4161279	4161305	+	3	27	GTG	TGA	0	0	
mORF_+_4161292	4161292	4161360	+	1	69	ATG	TGA	0	0	
mORF_+_4161326	4161326	4161331	+	2	6	TTG	TAG	0	0	
mORF_+_4161335	4161335	4161412	+	2	78	TTG	TAG	0	0	
mORF_+_4161357	4161357	4161377	+	3	21	TTG	TGA	0	0	
mORF_+_4161397	4161397	4161468	+	1	72	TTG	TGA	0	0	
mORF_+_4161420	4161420	4161434	+	3	15	TTG	TGA	0	0	
mORF_+_4161431	4161431	4161439	+	2	9	GTG	TAA	0	0	
mORF_+_4161488	4161488	4161496	+	2	9	GTG	TGA	0	0	
mORF_+_4161493	4161493	4161552	+	1	60	ATG	TAG	0	0	
mORF_+_4161497	4161497	4161544	+	2	48	TTG	TAG	0	0	
mORF_+_4161504	4161504	4161614	+	3	111	ATG	TAA	0	0	
mORF_+_4161617	4161617	4163506	+	2	1890	TTG	TGA	40	118	pORF_+_4161617
mORF_+_4161646	4161646	4161669	+	1	24	TTG	TAA	0	0	
mORF_+_4161648	4161648	4161665	+	3	18	GTG	TGA	0	0	
mORF_+_4161691	4161691	4161759	+	1	69	GTG	TAA	0	0	
mORF_+_4161765	4161765	4161809	+	3	45	TTG	TGA	0	0	
mORF_+_4161849	4161849	4161959	+	3	111	ATG	TAA	0	0	
mORF_+_4161960	4161960	4161977	+	3	18	TTG	TGA	0	0	
mORF_+_4161993	4161993	4162091	+	3	99	GTG	TAG	0	0	
mORF_+_4162122	4162122	4162220	+	3	99	ATG	TAA	0	0	
mORF_+_4162150	4162150	4162164	+	1	15	GTG	TAG	0	0	
mORF_+_4162236	4162236	4162316	+	3	81	ATG	TAA	0	0	
mORF_+_4162329	4162329	4162502	+	3	174	ATG	TGA	0	0	
mORF_+_4162468	4162468	4162491	+	1	24	TTG	TAA	0	0	
mORF_+_4162563	4162563	4162601	+	3	39	ATG	TGA	0	0	
mORF_+_4162618	4162618	4162650	+	1	33	GTG	TAG	0	0	
mORF_+_4162629	4162629	4162748	+	3	120	ATG	TGA	0	0	
mORF_+_4162779	4162779	4162997	+	3	219	TTG	TAA	0	0	
mORF_+_4162849	4162849	4162902	+	1	54	TTG	TAA	0	0	
mORF_+_4162972	4162972	4162989	+	1	18	GTG	TGA	0	0	
mORF_+_4163037	4163037	4163051	+	3	15	ATG	TGA	0	0	
mORF_+_4163058	4163058	4163075	+	3	18	ATG	TGA	0	0	
mORF_+_4163130	4163130	4163147	+	3	18	TTG	TGA	0	0	
mORF_+_4163163	4163163	4163231	+	3	69	ATG	TGA	0	0	
mORF_+_4163256	4163256	4163291	+	3	36	ATG	TAG	0	0	
mORF_+_4163301	4163301	4163354	+	3	54	ATG	TGA	0	0	

mORF_+_4163359	4163359	4163412	+	1	54	GTG	TAA	0	0	
mORF_+_4163367	4163367	4163399	+	3	33	TTG	TGA	0	0	
mORF_+_4163406	4163406	4163417	+	3	12	GTG	TAG	0	0	
mORF_+_4163439	4163439	4164308	+	3	870	ATG	TGA	7	21	pORF_+_4163439
mORF_+_4163530	4163530	4163823	+	1	294	TTG	TGA	0	0	
mORF_+_4163723	4163723	4163806	+	2	84	TTG	TAA	0	0	
mORF_+_4163830	4163830	4163892	+	1	63	ATG	TGA	0	0	
mORF_+_4163908	4163908	4163922	+	1	15	ATG	TAG	0	0	
mORF_+_4163912	4163912	4163950	+	2	39	ATG	TGA	0	0	
mORF_+_4163947	4163947	4164000	+	1	54	TTG	TAA	0	0	
mORF_+_4164017	4164017	4164175	+	2	159	GTG	TGA	0	0	
mORF_+_4164049	4164049	4164168	+	1	120	TTG	TAG	0	0	
mORF_+_4164172	4164172	4164228	+	1	57	ATG	TGA	0	0	
mORF_+_4164215	4164215	4164241	+	2	27	TTG	TGA	0	0	
mORF_+_4164310	4164310	4164345	+	1	36	TTG	TAA	0	0	
mORF_+_4164314	4164314	4164370	+	2	57	TTG	TAA	0	0	
mORF_+_4164318	4164318	4164380	+	3	63	ATG	TAA	0	0	
mORF_+_4164380	4164380	4164394	+	2	15	ATG	TGA	0	0	
mORF_+_4164469	4164469	4164519	+	1	51	ATG	TGA	0	0	
mORF_+_4164473	4164473	4164484	+	2	12	TTG	TAG	0	0	
mORF_+_4164566	4164566	4164595	+	2	30	GTG	TAA	0	0	
mORF_+_4164568	4164568	4164615	+	1	48	GTG	TGA	0	0	
mORF_+_4164612	4164612	4164635	+	3	24	ATG	TGA	0	0	
mORF_+_4164632	4164632	4164643	+	2	12	GTG	TAA	0	0	
mORF_+_4164665	4164665	4164688	+	2	24	TTG	TGA	0	0	
mORF_+_4164685	4164685	4164732	+	1	48	TTG	TAA	0	0	
mORF_+_4164710	4164710	4164820	+	2	111	TTG	TGA	0	0	
mORF_+_4164736	4164736	4164753	+	1	18	ATG	TAA	0	0	
mORF_+_4164765	4164765	4164779	+	3	15	TTG	TGA	0	0	
mORF_+_4164783	4164783	4164797	+	3	15	GTG	TGA	0	0	
mORF_+_4164801	4164801	4164833	+	3	33	ATG	TAA	0	0	
mORF_+_4164820	4164820	4164849	+	1	30	ATG	TAG	0	0	
mORF_+_4164899	4164899	4164928	+	2	30	TTG	TAG	0	0	
mORF_+_4164909	4164909	4164932	+	3	24	ATG	TAG	0	0	
mORF_+_4164919	4164919	4164987	+	1	69	ATG	TGA	0	0	
mORF_+_4164936	4164936	4164944	+	3	9	GTG	TAA	0	0	
mORF_+_4164984	4164984	4165070	+	3	87	ATG	TGA	0	0	
mORF_+_4165048	4165048	4165092	+	1	45	TTG	TGA	0	0	
mORF_+_4165055	4165055	4165141	+	2	87	ATG	TAA	0	0	
mORF_+_4165089	4165089	4165112	+	3	24	ATG	TAA	0	0	
mORF_+_4165153	4165153	4165191	+	1	39	TTG	TAA	0	0	
mORF_+_4165160	4165160	4165288	+	2	129	TTG	TGA	0	0	
mORF_+_4165285	4165285	4165434	+	1	150	GTG	TGA	0	0	
mORF_+_4165364	4165364	4165369	+	2	6	GTG	TAG	0	0	
mORF_+_4165377	4165377	4165472	+	3	96	ATG	TAG	0	0	
mORF_+_4165403	4165403	4165546	+	2	144	GTG	TAA	0	0	
mORF_+_4165500	4165500	4165526	+	3	27	ATG	TGA	0	0	
mORF_+_4165530	4165530	4165604	+	3	75	GTG	TGA	0	0	
mORF_+_4165601	4165601	4165675	+	2	75	TTG	TGA	0	0	
mORF_+_4165623	4165623	4165640	+	3	18	GTG	TAA	0	0	
mORF_+_4165630	4165630	4165761	+	1	132	ATG	TGA	0	0	
mORF_+_4165697	4165697	4165723	+	2	27	ATG	TGA	0	0	
mORF_+_4165736	4165736	4165774	+	2	39	ATG	TAA	0	0	
mORF_+_4165758	4165758	4166123	+	3	366	GTG	TAG	0	0	
mORF_+_4165885	4165885	4166013	+	1	129	ATG	TGA	0	0	
mORF_+_4165988	4165988	4166119	+	2	132	TTG	TAG	0	0	
mORF_+_4166044	4166044	4166055	+	1	12	ATG	TGA	0	0	
mORF_+_4166071	4166071	4166157	+	1	87	TTG	TGA	0	0	
mORF_+_4166154	4166154	4166189	+	3	36	GTG	TAA	0	0	
mORF_+_4166161	4166161	4166181	+	1	21	ATG	TAA	0	0	
mORF_+_4166208	4166208	4166246	+	3	39	TTG	TAG	0	0	
mORF_+_4166246	4166246	4166266	+	2	21	GTG	TGA	0	0	
mORF_+_4166259	4166259	4166276	+	3	18	TTG	TGA	0	0	

mORF_+_4166273	4166273	4166305	+	2	33	GTG	TGA	0	0
mORF_+_4166296	4166296	4166340	+	1	45	TTG	TAA	0	0
mORF_+_4166340	4166340	4166441	+	3	102	ATG	TAA	0	0
mORF_+_4166377	4166377	4166409	+	1	33	GTG	TAG	0	0
mORF_+_4166393	4166393	4166461	+	2	69	GTG	TAG	0	0
mORF_+_4166472	4166472	4166489	+	3	18	TTG	TGA	0	0
mORF_+_4166480	4166480	4166485	+	2	6	TTG	TGA	0	0
mORF_+_4166482	4166482	4166505	+	1	24	GTG	TAA	0	0
mORF_+_4166486	4166486	4166530	+	2	45	GTG	TGA	0	0
mORF_+_4166527	4166527	4166553	+	1	27	GTG	TAA	0	0
mORF_+_4166534	4166534	4166578	+	2	45	TTG	TGA	0	0
mORF_+_4166575	4166575	4166586	+	1	12	TTG	TGA	0	0
mORF_+_4166597	4166597	4166677	+	2	81	TTG	TAA	0	0
mORF_+_4166658	4166658	4166663	+	3	6	TTG	TGA	0	0
mORF_+_4166687	4166687	4166737	+	2	51	GTG	TAA	0	0
mORF_+_4166691	4166691	4166747	+	3	57	ATG	TAA	0	0
mORF_+_4166749	4166749	4166757	+	1	9	GTG	TGA	0	0
mORF_+_4166754	4166754	4166819	+	3	66	ATG	TAA	0	0
mORF_+_4166782	4166782	4166823	+	1	42	ATG	TGA	0	0
mORF_+_4166795	4166795	4166836	+	2	42	GTG	TAA	0	0
mORF_+_4166836	4166836	4166958	+	1	123	ATG	TAG	0	0
mORF_+_4166946	4166946	4166993	+	3	48	GTG	TGA	0	0
mORF_+_4166948	4166948	4167025	+	2	78	GTG	TGA	0	0
mORF_+_4167022	4167022	4167102	+	1	81	GTG	TGA	0	0
mORF_+_4167113	4167113	4167211	+	2	99	GTG	TAG	0	0
mORF_+_4167126	4167126	4167164	+	3	39	GTG	TGA	0	0
mORF_+_4167181	4167181	4167219	+	1	39	GTG	TGA	0	0
mORF_+_4167216	4167216	4167263	+	3	48	GTG	TAG	0	0
mORF_+_4167238	4167238	4167318	+	1	81	ATG	TAA	0	0
mORF_+_4167320	4167320	4167379	+	2	60	TTG	TAA	0	0
mORF_+_4167345	4167345	4167353	+	3	9	GTG	TAG	0	0
mORF_+_4167372	4167372	4167497	+	3	126	TTG	TAG	0	0
mORF_+_4167406	4167406	4167420	+	1	15	ATG	TAG	0	0
mORF_+_4167424	4167424	4167444	+	1	21	ATG	TGA	0	0
mORF_+_4167431	4167431	4167493	+	2	63	GTG	TAG	0	0
mORF_+_4167504	4167504	4167623	+	3	120	GTG	TAA	0	0
mORF_+_4167568	4167568	4167684	+	1	117	ATG	TAA	0	0
mORF_+_4167617	4167617	4167664	+	2	48	GTG	TAA	0	0
mORF_+_4167677	4167677	4167748	+	2	72	ATG	TAA	0	0
mORF_+_4167685	4167685	4167759	+	1	75	GTG	TAA	0	0
mORF_+_4167720	4167720	4167731	+	3	12	ATG	TAG	0	0
mORF_+_4167792	4167792	4167797	+	3	6	ATG	TAA	0	0
mORF_+_4167810	4167810	4167923	+	3	114	ATG	TGA	0	0
mORF_+_4167838	4167838	4168005	+	1	168	ATG	TGA	0	0
mORF_+_4167881	4167881	4167889	+	2	9	GTG	TGA	0	0
mORF_+_4167893	4167893	4167928	+	2	36	ATG	TAA	0	0
mORF_+_4167944	4167944	4167991	+	2	48	GTG	TAA	0	0
mORF_+_4168002	4168002	4168037	+	3	36	GTG	TAG	0	0
mORF_+_4168041	4168041	4168133	+	3	93	ATG	TAA	0	0
mORF_+_4168102	4168102	4168185	+	1	84	ATG	TGA	0	0
mORF_+_4168136	4168136	4168141	+	2	6	GTG	TAG	0	0
mORF_+_4168182	4168182	4168313	+	3	132	GTG	TGA	0	0
mORF_+_4168201	4168201	4168254	+	1	54	GTG	TAA	0	0
mORF_+_4168283	4168283	4168294	+	2	12	GTG	TAG	0	0
mORF_+_4168310	4168310	4168327	+	2	18	TTG	TGA	0	0
mORF_+_4168324	4168324	4168353	+	1	30	GTG	TAA	0	0
mORF_+_4168376	4168376	4168381	+	2	6	ATG	TAG	0	0
mORF_+_4168382	4168382	4168447	+	2	66	GTG	TAA	0	0
mORF_+_4168398	4168398	4168517	+	3	120	ATG	TAA	0	0
mORF_+_4168460	4168460	4168492	+	2	33	GTG	TGA	0	0
mORF_+_4168474	4168474	4168521	+	1	48	GTG	TGA	0	0
mORF_+_4168518	4168518	4168616	+	3	99	TTG	TAA	0	0
mORF_+_4168606	4168606	4168641	+	1	36	TTG	TAA	0	0

mORF_+_4168641	4168641	4168676	+	3	36	ATG	TGA	0	0	
mORF_+_4168673	4168673	4168693	+	2	21	GTG	TGA	0	0	
mORF_+_4168690	4168690	4168746	+	1	57	GTG	TAG	0	0	
mORF_+_4168701	4168701	4168733	+	3	33	GTG	TGA	0	0	
mORF_+_4168730	4168730	4168771	+	2	42	GTG	TGA	0	0	
mORF_+_4168761	4168761	4168778	+	3	18	TTG	TAG	0	0	
mORF_+_4168768	4168768	4168797	+	1	30	TTG	TGA	0	0	
mORF_+_4168784	4168784	4168930	+	2	147	GTG	TAA	0	0	
mORF_+_4168794	4168794	4168832	+	3	39	TTG	TGA	0	0	
mORF_+_4168801	4168801	4168854	+	1	54	GTG	TGA	0	0	
mORF_+_4168851	4168851	4168862	+	3	12	TTG	TAA	0	0	
mORF_+_4168882	4168882	4168905	+	1	24	TTG	TAG	0	0	
mORF_+_4168954	4168954	4168986	+	1	33	TTG	TAG	0	0	
mORF_+_4168986	4168986	4169009	+	3	24	GTG	TGA	0	0	
mORF_+_4168991	4168991	4168999	+	2	9	ATG	TAA	0	0	
mORF_+_4169006	4169006	4169122	+	2	117	TTG	TGA	0	0	
mORF_+_4169034	4169034	4169069	+	3	36	GTG	TGA	0	0	
mORF_+_4169070	4169070	4169096	+	3	27	ATG	TAA	0	0	
mORF_+_4169151	4169151	4169198	+	3	48	GTG	TAG	0	0	
mORF_+_4169155	4169155	4169193	+	1	39	TTG	TGA	0	0	
mORF_+_4169210	4169210	4169251	+	2	42	ATG	TAG	0	0	
mORF_+_4169230	4169230	4169385	+	1	156	GTG	TAG	0	0	
mORF_+_4169258	4169258	4169302	+	2	45	GTG	TGA	0	0	
mORF_+_4169334	4169334	4169411	+	3	78	GTG	TGA	0	0	
mORF_+_4169363	4169363	4169389	+	2	27	ATG	TAA	0	0	
mORF_+_4169390	4169390	4169404	+	2	15	ATG	TAA	0	0	
mORF_+_4169405	4169405	4169455	+	2	51	GTG	TGA	0	0	
mORF_+_4169431	4169431	4169463	+	1	33	TTG	TAA	0	0	
mORF_+_4169480	4169480	4169536	+	2	57	TTG	TAA	0	0	
mORF_+_4169509	4169509	4169514	+	1	6	GTG	TAA	0	0	
mORF_+_4169523	4169523	4169531	+	3	9	ATG	TGA	0	0	
mORF_+_4169546	4169546	4169563	+	2	18	ATG	TAA	0	0	
mORF_+_4169553	4169553	4169624	+	3	72	GTG	TAA	0	0	
mORF_+_4169585	4169585	4169614	+	2	30	TTG	TGA	0	0	
mORF_+_4169659	4169659	4169859	+	1	201	TTG	TAG	0	0	
mORF_+_4169732	4169732	4169764	+	2	33	ATG	TAG	0	0	
mORF_+_4169834	4169834	4169935	+	2	102	TTG	TAA	0	0	
mORF_+_4169889	4169889	4169972	+	3	84	TTG	TGA	0	0	
mORF_+_4169911	4169911	4169955	+	1	45	GTG	TAA	0	0	
mORF_+_4169976	4169976	4170047	+	3	72	ATG	TAA	0	0	
mORF_+_4170061	4170061	4170120	+	1	60	TTG	TGA	0	0	
mORF_+_4170080	4170080	4171108	+	2	1029	ATG	TGA	5	7	pORF_+_4170080
mORF_+_4170111	4170111	4170266	+	3	156	TTG	TGA	0	0	
mORF_+_4170142	4170142	4170222	+	1	81	ATG	TGA	0	0	
mORF_+_4170297	4170297	4170329	+	3	33	ATG	TAG	0	0	
mORF_+_4170313	4170313	4170489	+	1	177	GTG	TGA	0	0	
mORF_+_4170417	4170417	4170461	+	3	45	GTG	TAG	0	0	
mORF_+_4170483	4170483	4170527	+	3	45	ATG	TAA	0	0	
mORF_+_4170538	4170538	4170570	+	1	33	GTG	TAA	0	0	
mORF_+_4170546	4170546	4170602	+	3	57	TTG	TAG	0	0	
mORF_+_4170628	4170628	4170654	+	1	27	GTG	TGA	0	0	
mORF_+_4170648	4170648	4170659	+	3	12	ATG	TAA	0	0	
mORF_+_4170702	4170702	4170749	+	3	48	ATG	TGA	0	0	
mORF_+_4170709	4170709	4170738	+	1	30	GTG	TGA	0	0	
mORF_+_4170750	4170750	4170863	+	3	114	ATG	TAA	0	0	
mORF_+_4170877	4170877	4170960	+	1	84	TTG	TAA	0	0	
mORF_+_4170918	4170918	4170950	+	3	33	GTG	TAG	0	0	
mORF_+_4170960	4170960	4171010	+	3	51	ATG	TAA	0	0	
mORF_+_4171020	4171020	4171085	+	3	66	TTG	TGA	0	0	
mORF_+_4171105	4171105	4172070	+	1	966	ATG	TAA	2	4	pORF_+_4171105
mORF_+_4171136	4171136	4171147	+	2	12	TTG	TAG	0	0	
mORF_+_4171154	4171154	4171198	+	2	45	GTG	TGA	0	0	
mORF_+_4171235	4171235	4171348	+	2	114	GTG	TAG	0	0	

mORF_+_4171364	4171364	4171552	+	2	189	TTG	TAA	0	0	
mORF_+_4171422	4171422	4171607	+	3	186	TTG	TAA	0	0	
mORF_+_4171598	4171598	4171678	+	2	81	GTG	TGA	0	0	
mORF_+_4171620	4171620	4171628	+	3	9	ATG	TAA	0	0	
mORF_+_4171694	4171694	4171708	+	2	15	ATG	TAG	0	0	
mORF_+_4171712	4171712	4171831	+	2	120	TTG	TAA	0	0	
mORF_+_4171770	4171770	4171811	+	3	42	GTG	TAA	0	0	
mORF_+_4171835	4171835	4171933	+	2	99	GTG	TGA	0	0	
mORF_+_4171943	4171943	4171981	+	2	39	TTG	TAG	0	0	
mORF_+_4172003	4172003	4172020	+	2	18	TTG	TAA	0	0	
mORF_+_4172039	4172039	4172110	+	2	72	GTG	TAG	0	0	
mORF_+_4172103	4172103	4172132	+	3	30	TTG	TGA	0	0	
mORF_+_4172129	4172129	4172155	+	2	27	ATG	TAA	0	0	
mORF_+_4172186	4172186	4172194	+	2	9	TTG	TAA	0	0	
mORF_+_4172205	4172205	4172267	+	3	63	TTG	TAG	0	0	
mORF_+_4172221	4172221	4172238	+	1	18	ATG	TAA	0	0	
mORF_+_4172270	4172270	4172347	+	2	78	ATG	TAA	0	0	
mORF_+_4172325	4172325	4172342	+	3	18	TTG	TGA	0	0	
mORF_+_4172335	4172335	4172517	+	1	183	ATG	TAA	0	0	
mORF_+_4172402	4172402	4172440	+	2	39	ATG	TAA	0	0	
mORF_+_4172519	4172519	4172524	+	2	6	ATG	TGA	0	0	
mORF_+_4172521	4172521	4172541	+	1	21	GTG	TAA	0	0	
mORF_+_4172545	4172545	4172562	+	1	18	TTG	TGA	0	0	
mORF_+_4172559	4172559	4172651	+	3	93	TTG	TGA	0	0	
mORF_+_4172588	4172588	4172716	+	2	129	ATG	TAA	0	0	
mORF_+_4172676	4172676	4172786	+	3	111	GTG	TAA	0	0	
mORF_+_4172740	4172740	4172778	+	1	39	TTG	TGA	0	0	
mORF_+_4172790	4172790	4172834	+	3	45	ATG	TGA	0	0	
mORF_+_4172795	4172795	4172875	+	2	81	TTG	TGA	0	0	
mORF_+_4172872	4172872	4172925	+	1	54	GTG	TAA	0	0	
mORF_+_4172931	4172931	4173017	+	3	87	TTG	TAA	0	0	
mORF_+_4173032	4173032	4173226	+	2	195	TTG	TGA	0	0	
mORF_+_4173054	4173054	4173164	+	3	111	ATG	TAA	0	0	
mORF_+_4173121	4173121	4173129	+	1	9	ATG	TAA	0	0	
mORF_+_4173151	4173151	4173198	+	1	48	ATG	TGA	0	0	
mORF_+_4173195	4173195	4173263	+	3	69	TTG	TGA	0	0	
mORF_+_4173205	4173205	4173210	+	1	6	ATG	TGA	0	0	
mORF_+_4173238	4173238	4173246	+	1	9	ATG	TAG	0	0	
mORF_+_4173257	4173257	4173331	+	2	75	TTG	TAA	0	0	
mORF_+_4173283	4173283	4173291	+	1	9	GTG	TAA	0	0	
mORF_+_4173285	4173285	4173338	+	3	54	GTG	TGA	0	0	
mORF_+_4173335	4173335	4173367	+	2	33	GTG	TAG	0	0	
mORF_+_4173354	4173354	4173428	+	3	75	ATG	TAG	0	0	
mORF_+_4173368	4173368	4173409	+	2	42	TTG	TGA	0	0	
mORF_+_4173382	4173382	4173393	+	1	12	ATG	TAG	0	0	
mORF_+_4173406	4173406	4173420	+	1	15	TTG	TAG	0	0	
mORF_+_4173443	4173443	4173448	+	2	6	TTG	TAA	0	0	
mORF_+_4173496	4173496	4173615	+	1	120	GTG	TAA	0	0	
mORF_+_4173594	4173594	4173602	+	3	9	ATG	TAG	0	0	
mORF_+_4173660	4173660	4173710	+	3	51	GTG	TAA	0	0	
mORF_+_4173667	4173667	4173681	+	1	15	ATG	TAG	0	0	
mORF_+_4173694	4173694	4173738	+	1	45	ATG	TGA	0	0	
mORF_+_4173710	4173710	4173781	+	2	72	ATG	TGA	0	0	
mORF_+_4173738	4173738	4173974	+	3	237	ATG	TAA	0	0	
mORF_+_4173775	4173775	4173786	+	1	12	GTG	TAG	0	0	
mORF_+_4173808	4173808	4173930	+	1	123	TTG	TGA	0	0	
mORF_+_4173908	4173908	4173922	+	2	15	ATG	TGA	0	0	
mORF_+_4173947	4173947	4173955	+	2	9	GTG	TAG	0	0	
mORF_+_4173967	4173967	4175151	+	1	1185	ATG	TAA	727	63487	pORF_+_4173967
mORF_+_4173983	4173983	4174051	+	2	69	TTG	TGA	0	0	
mORF_+_4174091	4174091	4174207	+	2	117	GTG	TAG	0	0	
mORF_+_4174229	4174229	4174243	+	2	15	ATG	TGA	0	0	
mORF_+_4174250	4174250	4174282	+	2	33	GTG	TAG	0	0	

mORF_+_4174283	4174283	4174345	+	2	63	TTG	TAG	0	0	
mORF_+_4174377	4174377	4174391	+	3	15	ATG	TGA	0	0	
mORF_+_4174388	4174388	4174495	+	2	108	TTG	TGA	0	0	
mORF_+_4174518	4174518	4174589	+	3	72	GTG	TGA	0	0	
mORF_+_4174580	4174580	4174663	+	2	84	GTG	TAG	0	0	
mORF_+_4174682	4174682	4174792	+	2	111	TTG	TAG	0	0	
mORF_+_4174793	4174793	4174981	+	2	189	GTG	TGA	0	0	
mORF_+_4175045	4175045	4175056	+	2	12	TTG	TGA	0	0	
mORF_+_4175099	4175099	4175134	+	2	36	GTG	TAG	0	0	
mORF_+_4175152	4175152	4175268	+	1	117	TTG	TGA	0	0	
mORF_+_4175165	4175165	4175293	+	2	129	TTG	TAA	0	0	
mORF_+_4175250	4175250	4175258	+	3	9	TTG	TAA	0	0	
mORF_+_4175262	4175262	4175306	+	3	45	TTG	TAA	0	0	
mORF_+_4175320	4175320	4175346	+	1	27	TTG	TGA	0	0	
mORF_+_4175325	4175325	4175369	+	3	45	TTG	TGA	0	0	
mORF_+_4175353	4175353	4175358	+	1	6	TTG	TAG	0	0	
mORF_+_4175374	4175374	4175577	+	1	204	TTG	TAA	0	0	
mORF_+_4175381	4175381	4175764	+	2	384	ATG	TGA	2	4	pORF_+_4175381
mORF_+_4175385	4175385	4175432	+	3	48	GTG	TGA	0	0	
mORF_+_4175442	4175442	4175525	+	3	84	TTG	TAG	0	0	
mORF_+_4175535	4175535	4175564	+	3	30	TTG	TAA	0	0	
mORF_+_4175586	4175586	4175666	+	3	81	TTG	TGA	0	0	
mORF_+_4175629	4175629	4175832	+	1	204	TTG	TAG	0	0	
mORF_+_4175667	4175667	4175690	+	3	24	TTG	TAA	0	0	
mORF_+_4175715	4175715	4175756	+	3	42	ATG	TGA	0	0	
mORF_+_4175766	4175766	4176311	+	3	546	ATG	TAA	54	1592	pORF_+_4175766
mORF_+_4175845	4175845	4175988	+	1	144	GTG	TGA	0	0	
mORF_+_4176028	4176028	4176033	+	1	6	GTG	TGA	0	0	
mORF_+_4176091	4176091	4176102	+	1	12	ATG	TGA	0	0	
mORF_+_4176118	4176118	4176240	+	1	123	TTG	TGA	0	0	
mORF_+_4176265	4176265	4176279	+	1	15	GTG	TAG	0	0	
mORF_+_4176298	4176298	4176339	+	1	42	TTG	TAA	0	0	
mORF_+_4176343	4176343	4176357	+	1	15	TTG	TGA	0	0	
mORF_+_4176354	4176354	4176470	+	3	117	GTG	TAA	0	0	
mORF_+_4176382	4176382	4176459	+	1	78	TTG	TGA	0	0	
mORF_+_4176470	4176470	4176898	+	2	429	ATG	TAA	67	4760	pORF_+_4176470
mORF_+_4176492	4176492	4176542	+	3	51	ATG	TAG	0	0	
mORF_+_4176825	4176825	4176845	+	3	21	GTG	TGA	0	0	
mORF_+_4176902	4176902	4177606	+	2	705	ATG	TAA	168	9599	pORF_+_4176902
mORF_+_4176927	4176927	4176992	+	3	66	GTG	TGA	0	0	
mORF_+_4177080	4177080	4177127	+	3	48	GTG	TAG	0	0	
mORF_+_4177143	4177143	4177187	+	3	45	GTG	TAG	0	0	
mORF_+_4177233	4177233	4177310	+	3	78	TTG	TGA	0	0	
mORF_+_4177347	4177347	4177457	+	3	111	TTG	TGA	0	0	
mORF_+_4177482	4177482	4177490	+	3	9	TTG	TGA	0	0	
mORF_+_4177557	4177557	4177589	+	3	33	GTG	TGA	0	0	
mORF_+_4177606	4177606	4177626	+	1	21	ATG	TGA	0	0	
mORF_+_4177616	4177616	4177663	+	2	48	GTG	TAA	0	0	
mORF_+_4177623	4177623	4177715	+	3	93	GTG	TGA	0	0	
mORF_+_4177663	4177663	4177731	+	1	69	ATG	TAG	0	0	
mORF_+_4177691	4177691	4177711	+	2	21	TTG	TGA	0	0	
mORF_+_4177712	4177712	4177735	+	2	24	GTG	TAA	0	0	
mORF_+_4177738	4177738	4177743	+	1	6	ATG	TGA	0	0	
mORF_+_4177740	4177740	4177796	+	3	57	GTG	TAG	0	0	
mORF_+_4177747	4177747	4177782	+	1	36	GTG	TGA	0	0	
mORF_+_4177804	4177804	4177941	+	1	138	TTG	TAA	0	0	
mORF_+_4177811	4177811	4177870	+	2	60	TTG	TAA	0	0	
mORF_+_4177886	4177886	4177900	+	2	15	GTG	TAA	0	0	
mORF_+_4177923	4177923	4177976	+	3	54	TTG	TGA	0	0	
mORF_+_4177960	4177960	4177971	+	1	12	TTG	TGA	0	0	
mORF_+_4177973	4177973	4178059	+	2	87	GTG	TGA	0	0	
mORF_+_4178019	4178019	4178516	+	3	498	ATG	TAA	110	6344	pORF_+_4178019
mORF_+_4178050	4178050	4178073	+	1	24	TTG	TAG	0	0	

mORF_+_4178098	4178098	4178118	+	1	21	TTG	TAA	0	0	
mORF_+_4178176	4178176	4178235	+	1	60	GTG	TGA	0	0	
mORF_+_4178228	4178228	4178338	+	2	111	GTG	TGA	0	0	
mORF_+_4178245	4178245	4178262	+	1	18	TTG	TGA	0	0	
mORF_+_4178263	4178263	4178370	+	1	108	TTG	TGA	0	0	
mORF_+_4178425	4178425	4178436	+	1	12	TTG	TGA	0	0	
mORF_+_4178497	4178497	4178553	+	1	57	ATG	TAA	0	0	
mORF_+_4178583	4178583	4178948	+	3	366	ATG	TAA	104	8906	pORF_+_4178583
mORF_+_4178608	4178608	4178634	+	1	27	TTG	TAA	0	0	
mORF_+_4178641	4178641	4178646	+	1	6	TTG	TAG	0	0	
mORF_+_4178677	4178677	4178700	+	1	24	GTG	TAG	0	0	
mORF_+_4178719	4178719	4178754	+	1	36	TTG	TAA	0	0	
mORF_+_4178782	4178782	4178826	+	1	45	TTG	TGA	0	0	
mORF_+_4178935	4178935	4178973	+	1	39	TTG	TGA	0	0	
mORF_+_4178963	4178963	4178986	+	2	24	TTG	TGA	0	0	
mORF_+_4178986	4178986	4179027	+	1	42	ATG	TAA	0	0	
mORF_+_4178993	4178993	4179004	+	2	12	GTG	TAG	0	0	
mORF_+_4179017	4179017	4179055	+	2	39	TTG	TGA	0	0	
mORF_+_4179052	4179052	4179129	+	1	78	TTG	TAA	0	0	
mORF_+_4179074	4179074	4179139	+	2	66	ATG	TGA	0	0	
mORF_+_4179078	4179078	4179098	+	3	21	TTG	TAA	0	0	
mORF_+_4179136	4179136	4179204	+	1	69	ATG	TAG	0	0	
mORF_+_4179141	4179141	4179149	+	3	9	ATG	TAA	0	0	
mORF_+_4179152	4179152	4179259	+	2	108	GTG	TGA	0	0	
mORF_+_4179168	4179168	4179305	+	3	138	TTG	TAA	0	0	
mORF_+_4179235	4179235	4183296	+	1	4062	ATG	TAA	397	9380	pORF_+_4179235
mORF_+_4179311	4179311	4179538	+	2	228	TTG	TGA	0	0	
mORF_+_4179519	4179519	4179563	+	3	45	ATG	TAA	0	0	
mORF_+_4179581	4179581	4179610	+	2	30	ATG	TAA	0	0	
mORF_+_4179674	4179674	4179907	+	2	234	TTG	TGA	0	0	
mORF_+_4179941	4179941	4180057	+	2	117	TTG	TAG	0	0	
mORF_+_4180133	4180133	4180195	+	2	63	TTG	TGA	0	0	
mORF_+_4180322	4180322	4180348	+	2	27	GTG	TGA	0	0	
mORF_+_4180400	4180400	4180477	+	2	78	GTG	TGA	0	0	
mORF_+_4180544	4180544	4180555	+	2	12	TTG	TGA	0	0	
mORF_+_4180595	4180595	4180681	+	2	87	ATG	TAG	0	0	
mORF_+_4180685	4180685	4180693	+	2	9	GTG	TGA	0	0	
mORF_+_4180886	4180886	4180981	+	2	96	GTG	TGA	0	0	
mORF_+_4180941	4180941	4180961	+	3	21	ATG	TGA	0	0	
mORF_+_4181027	4181027	4181050	+	2	24	TTG	TGA	0	0	
mORF_+_4181057	4181057	4181065	+	2	9	GTG	TAA	0	0	
mORF_+_4181138	4181138	4181158	+	2	21	ATG	TAG	0	0	
mORF_+_4181172	4181172	4181180	+	3	9	TTG	TAG	0	0	
mORF_+_4181216	4181216	4181269	+	2	54	TTG	TGA	0	0	
mORF_+_4181288	4181288	4181308	+	2	21	ATG	TGA	0	0	
mORF_+_4181312	4181312	4181410	+	2	99	GTG	TAA	0	0	
mORF_+_4181426	4181426	4181527	+	2	102	GTG	TGA	0	0	
mORF_+_4181574	4181574	4181591	+	3	18	GTG	TGA	0	0	
mORF_+_4181576	4181576	4181674	+	2	99	GTG	TAG	0	0	
mORF_+_4181685	4181685	4181792	+	3	108	GTG	TGA	0	0	
mORF_+_4181690	4181690	4181899	+	2	210	ATG	TGA	0	0	
mORF_+_4181903	4181903	4181929	+	2	27	GTG	TAA	0	0	
mORF_+_4181939	4181939	4181953	+	2	15	GTG	TGA	0	0	
mORF_+_4181975	4181975	4182085	+	2	111	GTG	TAG	0	0	
mORF_+_4182098	4182098	4182208	+	2	111	GTG	TAG	0	0	
mORF_+_4182212	4182212	4182274	+	2	63	GTG	TGA	0	0	
mORF_+_4182320	4182320	4182331	+	2	12	ATG	TGA	0	0	
mORF_+_4182413	4182413	4182493	+	2	81	TTG	TAA	0	0	
mORF_+_4182530	4182530	4182550	+	2	21	ATG	TAG	0	0	
mORF_+_4182707	4182707	4182751	+	2	45	GTG	TGA	0	0	
mORF_+_4182764	4182764	4182865	+	2	102	ATG	TGA	0	0	
mORF_+_4182869	4182869	4182943	+	2	75	TTG	TAA	0	0	
mORF_+_4182947	4182947	4182967	+	2	21	TTG	TGA	0	0	

mORF_+_4183046	4183046	4183162	+	2	117	GTG	TGA	0	0	
mORF_+_4183092	4183092	4183148	+	3	57	GTG	TAA	0	0	
mORF_+_4183345	4183345	4183353	+	1	9	TTG	TAA	0	0	
mORF_+_4183347	4183347	4183376	+	3	30	GTG	TGA	0	0	
mORF_+_4183373	4183373	4187596	+	2	4224	GTG	TAA	399	9387	pORF_+_4183373
mORF_+_4183422	4183422	4183460	+	3	39	TTG	TGA	0	0	
mORF_+_4183468	4183468	4183482	+	1	15	ATG	TGA	0	0	
mORF_+_4183479	4183479	4183568	+	3	90	GTG	TAA	0	0	
mORF_+_4183579	4183579	4183593	+	1	15	GTG	TAA	0	0	
mORF_+_4183614	4183614	4183649	+	3	36	GTG	TGA	0	0	
mORF_+_4183633	4183633	4183644	+	1	12	GTG	TGA	0	0	
mORF_+_4183668	4183668	4183724	+	3	57	GTG	TGA	0	0	
mORF_+_4183794	4183794	4183826	+	3	33	TTG	TGA	0	0	
mORF_+_4183890	4183890	4183940	+	3	51	GTG	TGA	0	0	
mORF_+_4183963	4183963	4183980	+	1	18	GTG	TGA	0	0	
mORF_+_4183977	4183977	4183988	+	3	12	GTG	TGA	0	0	
mORF_+_4184077	4184077	4184163	+	1	87	GTG	TGA	0	0	
mORF_+_4184139	4184139	4184168	+	3	30	ATG	TGA	0	0	
mORF_+_4184313	4184313	4184345	+	3	33	GTG	TGA	0	0	
mORF_+_4184409	4184409	4184435	+	3	27	GTG	TAA	0	0	
mORF_+_4184467	4184467	4184556	+	1	90	GTG	TAA	0	0	
mORF_+_4184535	4184535	4184642	+	3	108	GTG	TGA	0	0	
mORF_+_4184596	4184596	4184685	+	1	90	TTG	TGA	0	0	
mORF_+_4184646	4184646	4184696	+	3	51	GTG	TGA	0	0	
mORF_+_4184731	4184731	4184745	+	1	15	TTG	TAA	0	0	
mORF_+_4184733	4184733	4184789	+	3	57	GTG	TGA	0	0	
mORF_+_4184814	4184814	4184822	+	3	9	GTG	TGA	0	0	
mORF_+_4184889	4184889	4184912	+	3	24	TTG	TGA	0	0	
mORF_+_4184916	4184916	4184954	+	3	39	GTG	TGA	0	0	
mORF_+_4185006	4185006	4185062	+	3	57	ATG	TAA	0	0	
mORF_+_4185093	4185093	4185116	+	3	24	TTG	TGA	0	0	
mORF_+_4185109	4185109	4185165	+	1	57	GTG	TAA	0	0	
mORF_+_4185117	4185117	4185188	+	3	72	TTG	TGA	0	0	
mORF_+_4185231	4185231	4185392	+	3	162	TTG	TAA	0	0	
mORF_+_4185447	4185447	4185464	+	3	18	GTG	TGA	0	0	
mORF_+_4185498	4185498	4185545	+	3	48	GTG	TGA	0	0	
mORF_+_4185558	4185558	4185611	+	3	54	GTG	TGA	0	0	
mORF_+_4185624	4185624	4185674	+	3	51	ATG	TGA	0	0	
mORF_+_4185705	4185705	4185737	+	3	33	GTG	TGA	0	0	
mORF_+_4185774	4185774	4185836	+	3	63	TTG	TGA	0	0	
mORF_+_4185811	4185811	4185825	+	1	15	TTG	TGA	0	0	
mORF_+_4185855	4185855	4185902	+	3	48	GTG	TAA	0	0	
mORF_+_4185973	4185973	4185981	+	1	9	GTG	TGA	0	0	
mORF_+_4185978	4185978	4186163	+	3	186	GTG	TGA	1	2	pORF_+_4185978
mORF_+_4186033	4186033	4186038	+	1	6	TTG	TGA	0	0	
mORF_+_4186054	4186054	4186077	+	1	24	ATG	TGA	0	0	
mORF_+_4186185	4186185	4186229	+	3	45	GTG	TGA	0	0	
mORF_+_4186269	4186269	4186274	+	3	6	TTG	TGA	0	0	
mORF_+_4186371	4186371	4186466	+	3	96	GTG	TAA	0	0	
mORF_+_4186473	4186473	4186493	+	3	21	TTG	TGA	0	0	
mORF_+_4186581	4186581	4186607	+	3	27	GTG	TGA	0	0	
mORF_+_4186614	4186614	4186640	+	3	27	TTG	TGA	0	0	
mORF_+_4186689	4186689	4186913	+	3	225	TTG	TAA	0	0	
mORF_+_4186948	4186948	4186977	+	1	30	ATG	TGA	0	0	
mORF_+_4186974	4186974	4186985	+	3	12	GTG	TAA	0	0	
mORF_+_4186989	4186989	4187000	+	3	12	GTG	TAA	0	0	
mORF_+_4187043	4187043	4187369	+	3	327	GTG	TGA	0	0	
mORF_+_4187382	4187382	4187414	+	3	33	TTG	TGA	0	0	
mORF_+_4187490	4187490	4187525	+	3	36	GTG	TGA	0	0	
mORF_+_4187644	4187644	4187658	+	1	15	ATG	TAA	0	0	
mORF_+_4187670	4187670	4187696	+	3	27	TTG	TGA	0	0	
mORF_+_4187710	4187710	4187715	+	1	6	ATG	TAA	0	0	
mORF_+_4187718	4187718	4187858	+	3	141	ATG	TGA	0	0	

mORF_+_4187749	4187749	4187790	+	1	42	TTG	TAA	0	0
mORF_+_4187809	4187809	4188348	+	1	540	ATG	TAA	0	0
mORF_+_4187840	4187840	4187932	+	2	93	TTG	TAG	0	0
mORF_+_4187943	4187943	4187984	+	3	42	TTG	TGA	0	0
mORF_+_4187981	4187981	4188016	+	2	36	ATG	TAA	0	0
mORF_+_4188125	4188125	4188151	+	2	27	ATG	TGA	0	0
mORF_+_4188152	4188152	4188166	+	2	15	TTG	TAG	0	0
mORF_+_4188191	4188191	4188241	+	2	51	TTG	TAA	0	0
mORF_+_4188299	4188299	4188316	+	2	18	TTG	TGA	0	0
mORF_+_4188365	4188365	4188436	+	2	72	GTG	TAA	0	0
mORF_+_4188417	4188417	4188425	+	3	9	TTG	TGA	0	0
mORF_+_4188444	4188444	4188458	+	3	15	TTG	TGA	0	0
mORF_+_4188451	4188451	4188606	+	1	156	ATG	TAA	0	0
mORF_+_4188495	4188495	4188527	+	3	33	ATG	TGA	0	0
mORF_+_4188497	4188497	4188523	+	2	27	GTG	TAG	0	0
mORF_+_4188524	4188524	4188676	+	2	153	TTG	TAA	0	0
mORF_+_4188701	4188701	4188763	+	2	63	TTG	TAG	0	0
mORF_+_4188767	4188767	4188832	+	2	66	TTG	TAA	0	0
mORF_+_4188866	4188866	4188874	+	2	9	GTG	TGA	0	0
mORF_+_4188871	4188871	4188939	+	1	69	GTG	TGA	0	0
mORF_+_4188893	4188893	4188985	+	2	93	GTG	TGA	0	0
mORF_+_4188945	4188945	4189130	+	3	186	TTG	TAA	0	0
mORF_+_4188982	4188982	4189071	+	1	90	GTG	TAA	0	0
mORF_+_4189046	4189046	4189054	+	2	9	TTG	TAA	0	0
mORF_+_4189136	4189136	4189162	+	2	27	TTG	TAG	0	0
mORF_+_4189166	4189166	4189219	+	2	54	ATG	TAG	0	0
mORF_+_4189200	4189200	4189313	+	3	114	TTG	TGA	0	0
mORF_+_4189310	4189310	4189384	+	2	75	ATG	TAA	0	0
mORF_+_4189339	4189339	4189509	+	1	171	ATG	TGA	0	0
mORF_+_4189412	4189412	4189429	+	2	18	TTG	TAG	0	0
mORF_+_4189460	4189460	4189513	+	2	54	ATG	TAA	0	0
mORF_+_4189506	4189506	4189655	+	3	150	GTG	TAA	0	0
mORF_+_4189520	4189520	4189756	+	2	237	ATG	TAA	0	0
mORF_+_4189677	4189677	4189694	+	3	18	GTG	TGA	0	0
mORF_+_4189767	4189767	4190018	+	3	252	ATG	TGA	0	0
mORF_+_4189784	4189784	4189798	+	2	15	TTG	TAG	0	0
mORF_+_4189862	4189862	4189933	+	2	72	TTG	TGA	0	0
mORF_+_4189930	4189930	4189977	+	1	48	ATG	TAG	0	0
mORF_+_4190012	4190012	4190185	+	2	174	ATG	TGA	0	0
mORF_+_4190092	4190092	4190373	+	1	282	ATG	TAA	0	0
mORF_+_4190330	4190330	4190365	+	2	36	ATG	TGA	0	0
mORF_+_4190385	4190385	4190486	+	3	102	TTG	TAA	0	0
mORF_+_4190387	4190387	4190800	+	2	414	GTG	TAG	0	0
mORF_+_4190410	4190410	4190592	+	1	183	ATG	TGA	0	0
mORF_+_4190541	4190541	4190618	+	3	78	GTG	TAA	0	0
mORF_+_4190623	4190623	4190628	+	1	6	ATG	TGA	0	0
mORF_+_4190625	4190625	4190681	+	3	57	GTG	TGA	0	0
mORF_+_4190804	4190804	4190983	+	2	180	GTG	TAA	0	0
mORF_+_4190860	4190860	4191093	+	1	234	TTG	TAA	0	0
mORF_+_4190993	4190993	4191013	+	2	21	GTG	TAA	0	0
mORF_+_4191157	4191157	4191306	+	1	150	GTG	TGA	0	0
mORF_+_4191176	4191176	4191196	+	2	21	GTG	TAA	0	0
mORF_+_4191248	4191248	4191343	+	2	96	GTG	TGA	0	0
mORF_+_4191285	4191285	4191293	+	3	9	TTG	TAA	0	0
mORF_+_4191303	4191303	4191407	+	3	105	TTG	TAA	0	0
mORF_+_4191307	4191307	4191576	+	1	270	ATG	TAA	0	0
mORF_+_4191408	4191408	4191662	+	3	255	ATG	TAA	0	0
mORF_+_4191476	4191476	4191502	+	2	27	GTG	TAA	0	0
mORF_+_4191655	4191655	4192116	+	1	462	TTG	TAG	0	0
mORF_+_4191662	4191662	4191754	+	2	93	ATG	TAA	0	0
mORF_+_4191696	4191696	4191728	+	3	33	TTG	TGA	0	0
mORF_+_4191777	4191777	4191944	+	3	168	GTG	TGA	0	0
mORF_+_4191818	4191818	4191856	+	2	39	TTG	TAA	0	0

mORF_+_4191935	4191935	4191994	+	2	60	ATG	TGA	0	0	
mORF_+_4191998	4191998	4192018	+	2	21	TTG	TAA	0	0	
mORF_+_4192022	4192022	4192045	+	2	24	TTG	TAG	0	0	
mORF_+_4192062	4192062	4192109	+	3	48	TTG	TGA	0	0	
mORF_+_4192106	4192106	4192222	+	2	117	TTG	TGA	0	0	
mORF_+_4192311	4192311	4192403	+	3	93	TTG	TGA	0	0	
mORF_+_4192315	4192315	4192326	+	1	12	GTG	TAA	0	0	
mORF_+_4192375	4192375	4192428	+	1	54	ATG	TGA	0	0	
mORF_+_4192407	4192407	4192730	+	3	324	TTG	TAG	0	0	
mORF_+_4192504	4192504	4192575	+	1	72	ATG	TAG	0	0	
mORF_+_4192576	4192576	4192641	+	1	66	GTG	TAA	0	0	
mORF_+_4192628	4192628	4192696	+	2	69	TTG	TGA	0	0	
mORF_+_4192693	4192693	4192707	+	1	15	GTG	TAG	0	0	
mORF_+_4192741	4192741	4192746	+	1	6	GTG	TAA	0	0	
mORF_+_4192758	4192758	4192772	+	3	15	GTG	TAA	0	0	
mORF_+_4192786	4192786	4192920	+	1	135	TTG	TGA	0	0	
mORF_+_4192812	4192812	4193582	+	3	771	GTG	TAA	0	0	
mORF_+_4193131	4193131	4193139	+	1	9	GTG	TAA	0	0	
mORF_+_4193170	4193170	4193235	+	1	66	GTG	TAG	0	0	
mORF_+_4193308	4193308	4193466	+	1	159	GTG	TGA	0	0	
mORF_+_4193470	4193470	4193670	+	1	201	ATG	TAG	0	0	
mORF_+_4193546	4193546	4193632	+	2	87	GTG	TGA	0	0	
mORF_+_4193670	4193670	4193717	+	3	48	GTG	TAG	0	0	
mORF_+_4193680	4193680	4193775	+	1	96	GTG	TAA	0	0	
mORF_+_4193708	4193708	4193728	+	2	21	TTG	TAA	0	0	
mORF_+_4193840	4193840	4193863	+	2	24	TTG	TAA	0	0	
mORF_+_4193850	4193850	4193960	+	3	111	TTG	TAG	0	0	
mORF_+_4193863	4193863	4193904	+	1	42	ATG	TAG	0	0	
mORF_+_4193944	4193944	4194024	+	1	81	TTG	TAA	0	0	
mORF_+_4194006	4194006	4194035	+	3	30	GTG	TGA	0	0	
mORF_+_4194008	4194008	4194019	+	2	12	GTG	TGA	0	0	
mORF_+_4194025	4194025	4194204	+	1	180	ATG	TAG	0	0	
mORF_+_4194032	4194032	4194070	+	2	39	TTG	TAA	0	0	
mORF_+_4194072	4194072	4194212	+	3	141	ATG	TAA	0	0	
mORF_+_4194110	4194110	4194124	+	2	15	TTG	TAG	0	0	
mORF_+_4194152	4194152	4194169	+	2	18	TTG	TGA	0	0	
mORF_+_4194216	4194216	4194242	+	3	27	TTG	TGA	0	0	
mORF_+_4194314	4194314	4194325	+	2	12	ATG	TGA	0	0	
mORF_+_4194322	4194322	4194453	+	1	132	TTG	TAA	0	0	
mORF_+_4194326	4194326	4194331	+	2	6	ATG	TAA	0	0	
mORF_+_4194368	4194368	4194463	+	2	96	TTG	TGA	0	0	
mORF_+_4194460	4194460	4194687	+	1	228	TTG	TAG	0	0	
mORF_+_4194488	4194488	4194514	+	2	27	ATG	TAG	0	0	
mORF_+_4194536	4194536	4194601	+	2	66	TTG	TGA	0	0	
mORF_+_4194605	4194605	4194616	+	2	12	ATG	TAA	0	0	
mORF_+_4194692	4194692	4194733	+	2	42	ATG	TAG	0	0	
mORF_+_4194748	4194748	4194765	+	1	18	ATG	TAG	0	0	
mORF_+_4194782	4194782	4194871	+	2	90	TTG	TGA	0	0	
mORF_+_4194834	4194834	4194938	+	3	105	TTG	TAA	0	0	
mORF_+_4194868	4194868	4194915	+	1	48	GTG	TAG	0	0	
mORF_+_4194875	4194875	4194880	+	2	6	ATG	TAA	0	0	
mORF_+_4194926	4194926	4195699	+	2	774	ATG	TGA	6	17	pORF_+_4194926
mORF_+_4194939	4194939	4194950	+	3	12	TTG	TAG	0	0	
mORF_+_4194961	4194961	4194978	+	1	18	GTG	TGA	0	0	
mORF_+_4194975	4194975	4195094	+	3	120	ATG	TAG	0	0	
mORF_+_4194988	4194988	4195143	+	1	156	ATG	TGA	0	0	
mORF_+_4195140	4195140	4195451	+	3	312	TTG	TGA	0	0	
mORF_+_4195258	4195258	4195287	+	1	30	ATG	TGA	0	0	
mORF_+_4195504	4195504	4195551	+	1	48	GTG	TGA	0	0	
mORF_+_4195548	4195548	4195568	+	3	21	ATG	TGA	0	0	
mORF_+_4195608	4195608	4195646	+	3	39	ATG	TAG	0	0	
mORF_+_4195678	4195678	4195695	+	1	18	GTG	TGA	0	0	
mORF_+_4195692	4195692	4195718	+	3	27	ATG	TGA	0	0	

mORF_+_4195696	4195696	4195710	+	1	15	GTG	TGA	0	0	
mORF_+_4195739	4195739	4196803	+	2	1065	ATG	TAA	23	100	pORF_+_4195739
mORF_+_4195791	4195791	4195814	+	3	24	TTG	TGA	0	0	
mORF_+_4195807	4195807	4195848	+	1	42	ATG	TAA	0	0	
mORF_+_4195885	4195885	4196013	+	1	129	GTG	TGA	0	0	
mORF_+_4195947	4195947	4196000	+	3	54	ATG	TAG	0	0	
mORF_+_4196010	4196010	4196111	+	3	102	TTG	TGA	0	0	
mORF_+_4196163	4196163	4196237	+	3	75	TTG	TGA	0	0	
mORF_+_4196182	4196182	4196289	+	1	108	GTG	TAA	0	0	
mORF_+_4196253	4196253	4196318	+	3	66	ATG	TGA	0	0	
mORF_+_4196319	4196319	4196351	+	3	33	ATG	TGA	0	0	
mORF_+_4196427	4196427	4196663	+	3	237	TTG	TAG	0	0	
mORF_+_4196500	4196500	4196592	+	1	93	GTG	TAA	0	0	
mORF_+_4196673	4196673	4196810	+	3	138	TTG	TGA	0	0	
mORF_+_4196807	4196807	4197484	+	2	678	GTG	TAA	1	2	pORF_+_4196807
mORF_+_4196916	4196916	4196945	+	3	30	ATG	TGA	0	0	
mORF_+_4196982	4196982	4197110	+	3	129	TTG	TAG	0	0	
mORF_+_4197079	4197079	4197225	+	1	147	GTG	TAA	0	0	
mORF_+_4197114	4197114	4197269	+	3	156	TTG	TGA	0	0	
mORF_+_4197373	4197373	4197504	+	1	132	GTG	TAA	0	0	
mORF_+_4197514	4197514	4197657	+	1	144	TTG	TGA	0	0	
mORF_+_4197527	4197527	4198117	+	2	591	ATG	TAA	6	7	pORF_+_4197527
mORF_+_4197579	4197579	4197704	+	3	126	ATG	TGA	0	0	
mORF_+_4197750	4197750	4197827	+	3	78	TTG	TAA	0	0	
mORF_+_4197828	4197828	4197851	+	3	24	GTG	TGA	0	0	
mORF_+_4197852	4197852	4197884	+	3	33	GTG	TGA	0	0	
mORF_+_4197906	4197906	4197923	+	3	18	TTG	TGA	0	0	
mORF_+_4197948	4197948	4197977	+	3	30	ATG	TAG	0	0	
mORF_+_4197985	4197985	4198023	+	1	39	ATG	TGA	0	0	
mORF_+_4198024	4198024	4198062	+	1	39	GTG	TAG	0	0	
mORF_+_4198074	4198074	4198103	+	3	30	GTG	TAA	0	0	
mORF_+_4198129	4198129	4198137	+	1	9	GTG	TAA	0	0	
mORF_+_4198146	4198146	4198283	+	3	138	TTG	TAA	0	0	
mORF_+_4198192	4198192	4198326	+	1	135	TTG	TGA	0	0	
mORF_+_4198223	4198223	4198273	+	2	51	GTG	TAG	0	0	
mORF_+_4198289	4198289	4198294	+	2	6	TTG	TAA	0	0	
mORF_+_4198304	4198304	4198576	+	2	273	ATG	TAA	63	6480	pORF_+_4198304
mORF_+_4198323	4198323	4198331	+	3	9	TTG	TAA	0	0	
mORF_+_4198332	4198332	4198412	+	3	81	TTG	TGA	0	0	
mORF_+_4198422	4198422	4198460	+	3	39	ATG	TGA	0	0	
mORF_+_4198515	4198515	4198559	+	3	45	TTG	TGA	0	0	
mORF_+_4198579	4198579	4198602	+	1	24	TTG	TAA	0	0	
mORF_+_4198583	4198583	4199284	+	2	702	GTG	TGA	0	0	
mORF_+_4198716	4198716	4198895	+	3	180	GTG	TGA	0	0	
mORF_+_4198801	4198801	4198851	+	1	51	GTG	TAA	0	0	
mORF_+_4198911	4198911	4198931	+	3	21	TTG	TGA	0	0	
mORF_+_4198944	4198944	4199096	+	3	153	GTG	TGA	0	0	
mORF_+_4199181	4199181	4199234	+	3	54	TTG	TAG	0	0	
mORF_+_4199197	4199197	4199247	+	1	51	ATG	TGA	0	0	
mORF_+_4199292	4199292	4199402	+	3	111	GTG	TAA	0	0	
mORF_+_4199338	4199338	4199418	+	1	81	ATG	TGA	0	0	
mORF_+_4199437	4199437	4199502	+	1	66	TTG	TAA	0	0	
mORF_+_4199468	4199468	4199782	+	2	315	GTG	TGA	0	0	
mORF_+_4199517	4199517	4199669	+	3	153	TTG	TGA	0	0	
mORF_+_4199698	4199698	4199769	+	1	72	GTG	TGA	0	0	
mORF_+_4199757	4199757	4199777	+	3	21	GTG	TGA	0	0	
mORF_+_4199779	4199779	4199799	+	1	21	ATG	TGA	0	0	
mORF_+_4199796	4199796	4199810	+	3	15	ATG	TAA	0	0	
mORF_+_4199813	4199813	4199887	+	2	75	ATG	TAA	0	0	
mORF_+_4199869	4199869	4199982	+	1	114	GTG	TAG	0	0	
mORF_+_4199901	4199901	4199909	+	3	9	ATG	TGA	0	0	
mORF_+_4199906	4199906	4199932	+	2	27	ATG	TGA	0	0	
mORF_+_4199949	4199949	4201346	+	3	1398	ATG	TGA	0	0	

mORF_+_4199987	4199987	4200058	+	2	72	ATG	TGA	0	0	
mORF_+_4200016	4200016	4200045	+	1	30	TTG	TAA	0	0	
mORF_+_4200055	4200055	4200147	+	1	93	GTG	TAG	0	0	
mORF_+_4200169	4200169	4200321	+	1	153	ATG	TAA	0	0	
mORF_+_4200221	4200221	4200265	+	2	45	GTG	TAG	0	0	
mORF_+_4200352	4200352	4200474	+	1	123	TTG	TAG	0	0	
mORF_+_4200475	4200475	4200555	+	1	81	ATG	TGA	0	0	
mORF_+_4200649	4200649	4200657	+	1	9	ATG	TGA	0	0	
mORF_+_4200691	4200691	4200807	+	1	117	TTG	TGA	0	0	
mORF_+_4200940	4200940	4201020	+	1	81	ATG	TGA	0	0	
mORF_+_4201048	4201048	4201080	+	1	33	ATG	TGA	0	0	
mORF_+_4201147	4201147	4201356	+	1	210	TTG	TAA	0	0	
mORF_+_4201343	4201343	4202668	+	2	1326	ATG	TAG	0	0	
mORF_+_4201377	4201377	4201547	+	3	171	ATG	TGA	0	0	
mORF_+_4201504	4201504	4201677	+	1	174	TTG	TAA	0	0	
mORF_+_4201722	4201722	4201745	+	3	24	TTG	TGA	0	0	
mORF_+_4201800	4201800	4201841	+	3	42	GTG	TGA	0	0	
mORF_+_4201935	4201935	4202087	+	3	153	GTG	TGA	0	0	
mORF_+_4202106	4202106	4202174	+	3	69	GTG	TGA	0	0	
mORF_+_4202175	4202175	4202210	+	3	36	TTG	TGA	0	0	
mORF_+_4202211	4202211	4202249	+	3	39	ATG	TGA	0	0	
mORF_+_4202250	4202250	4202357	+	3	108	ATG	TAA	0	0	
mORF_+_4202418	4202418	4202459	+	3	42	GTG	TGA	0	0	
mORF_+_4202499	4202499	4202570	+	3	72	TTG	TGA	0	0	
mORF_+_4202728	4202728	4202745	+	1	18	GTG	TAA	0	0	
mORF_+_4202779	4202779	4203645	+	1	867	ATG	TGA	1	2	pORF_+_4202779
mORF_+_4202792	4202792	4202923	+	2	132	GTG	TAA	0	0	
mORF_+_4202847	4202847	4203059	+	3	213	TTG	TAA	0	0	
mORF_+_4203002	4203002	4203145	+	2	144	TTG	TAG	0	0	
mORF_+_4203155	4203155	4203160	+	2	6	GTG	TAG	0	0	
mORF_+_4203161	4203161	4203223	+	2	63	GTG	TGA	0	0	
mORF_+_4203192	4203192	4203203	+	3	12	TTG	TAA	0	0	
mORF_+_4203275	4203275	4203313	+	2	39	GTG	TGA	0	0	
mORF_+_4203279	4203279	4203326	+	3	48	TTG	TAG	0	0	
mORF_+_4203404	4203404	4203412	+	2	9	ATG	TGA	0	0	
mORF_+_4203431	4203431	4203451	+	2	21	TTG	TGA	0	0	
mORF_+_4203524	4203524	4203994	+	2	471	ATG	TGA	0	0	
mORF_+_4203531	4203531	4203581	+	3	51	TTG	TGA	0	0	
mORF_+_4203642	4203642	4203815	+	3	174	TTG	TAG	0	0	
mORF_+_4203655	4203655	4203945	+	1	291	TTG	TAA	0	0	
mORF_+_4203840	4203840	4205426	+	3	1587	GTG	TAA	1	3	pORF_+_4203840
mORF_+_4203958	4203958	4203969	+	1	12	TTG	TAA	0	0	
mORF_+_4203985	4203985	4204257	+	1	273	ATG	TAG	1	2	pORF_+_4203985
mORF_+_4204193	4204193	4204237	+	2	45	TTG	TAG	0	0	
mORF_+_4204267	4204267	4204335	+	1	69	TTG	TGA	0	0	
mORF_+_4204339	4204339	4204392	+	1	54	TTG	TGA	0	0	
mORF_+_4204417	4204417	4204452	+	1	36	TTG	TGA	0	0	
mORF_+_4204480	4204480	4204545	+	1	66	TTG	TGA	0	0	
mORF_+_4204552	4204552	4204647	+	1	96	ATG	TAA	0	0	
mORF_+_4204562	4204562	4204591	+	2	30	GTG	TAA	0	0	
mORF_+_4204610	4204610	4204672	+	2	63	ATG	TAG	0	0	
mORF_+_4204657	4204657	4204773	+	1	117	ATG	TAA	0	0	
mORF_+_4204709	4204709	4204807	+	2	99	ATG	TAG	0	0	
mORF_+_4204894	4204894	4204956	+	1	63	ATG	TAA	0	0	
mORF_+_4204916	4204916	4205026	+	2	111	GTG	TGA	0	0	
mORF_+_4204966	4204966	4204980	+	1	15	ATG	TAG	0	0	
mORF_+_4204981	4204981	4205001	+	1	21	TTG	TAG	0	0	
mORF_+_4205008	4205008	4205100	+	1	93	GTG	TAG	0	0	
mORF_+_4205045	4205045	4205086	+	2	42	TTG	TAA	0	0	
mORF_+_4205120	4205120	4205248	+	2	129	TTG	TAA	0	0	
mORF_+_4205140	4205140	4205277	+	1	138	TTG	TGA	0	0	
mORF_+_4205290	4205290	4205388	+	1	99	ATG	TAA	0	0	
mORF_+_4205437	4205437	4205598	+	1	162	GTG	TGA	0	0	

mORF_+_4205468	4205468	4205521	+	2	54	GTG	TGA	0	0
mORF_+_4205547	4205547	4205594	+	3	48	TTG	TAG	0	0
mORF_+_4205658	4205658	4205663	+	3	6	TTG	TAA	0	0
mORF_+_4205673	4205673	4205795	+	3	123	TTG	TAA	0	0
mORF_+_4205704	4205704	4205760	+	1	57	ATG	TGA	0	0
mORF_+_4205764	4205764	4205904	+	1	141	TTG	TGA	0	0
mORF_+_4205805	4205805	4205876	+	3	72	TTG	TAA	0	0
mORF_+_4205876	4205876	4205935	+	2	60	ATG	TGA	0	0
mORF_+_4205901	4205901	4205963	+	3	63	GTG	TGA	0	0
mORF_+_4205932	4205932	4206012	+	1	81	TTG	TAA	0	0
mORF_+_4205960	4205960	4206103	+	2	144	TTG	TGA	0	0
mORF_+_4206054	4206054	4206083	+	3	30	GTG	TAA	0	0
mORF_+_4206100	4206100	4206123	+	1	24	ATG	TGA	0	0
mORF_+_4206120	4206120	4206131	+	3	12	GTG	TAA	0	0
mORF_+_4206153	4206153	4206176	+	3	24	TTG	TGA	0	0
mORF_+_4206173	4206173	4206220	+	2	48	TTG	TAA	0	0
mORF_+_4206198	4206198	4206308	+	3	111	TTG	TGA	0	0
mORF_+_4206224	4206224	4206241	+	2	18	ATG	TAA	0	0
mORF_+_4206253	4206253	4206267	+	1	15	TTG	TGA	0	0
mORF_+_4206271	4206271	4206285	+	1	15	GTG	TGA	0	0
mORF_+_4206289	4206289	4206321	+	1	33	ATG	TAA	0	0
mORF_+_4206308	4206308	4206337	+	2	30	ATG	TAG	0	0
mORF_+_4206387	4206387	4206416	+	3	30	TTG	TAG	0	0
mORF_+_4206397	4206397	4206420	+	1	24	ATG	TAG	0	0
mORF_+_4206407	4206407	4206475	+	2	69	ATG	TGA	0	0
mORF_+_4206424	4206424	4206432	+	1	9	GTG	TAA	0	0
mORF_+_4206472	4206472	4206558	+	1	87	ATG	TGA	0	0
mORF_+_4206536	4206536	4206580	+	2	45	TTG	TGA	0	0
mORF_+_4206543	4206543	4206629	+	3	87	ATG	TAA	0	0
mORF_+_4206577	4206577	4206600	+	1	24	ATG	TAA	0	0
mORF_+_4206641	4206641	4206679	+	2	39	TTG	TAA	0	0
mORF_+_4206648	4206648	4206776	+	3	129	TTG	TGA	0	0
mORF_+_4206773	4206773	4206922	+	2	150	GTG	TGA	0	0
mORF_+_4206852	4206852	4206857	+	3	6	GTG	TAG	0	0
mORF_+_4206865	4206865	4206960	+	1	96	ATG	TAG	0	0
mORF_+_4206891	4206891	4207034	+	3	144	GTG	TAA	0	0
mORF_+_4206988	4206988	4207014	+	1	27	ATG	TGA	0	0
mORF_+_4207018	4207018	4207092	+	1	75	GTG	TGA	0	0
mORF_+_4207089	4207089	4207163	+	3	75	TTG	TGA	0	0
mORF_+_4207111	4207111	4207128	+	1	18	GTG	TAA	0	0
mORF_+_4207118	4207118	4207249	+	2	132	ATG	TGA	0	0
mORF_+_4207185	4207185	4207211	+	3	27	ATG	TGA	0	0
mORF_+_4207224	4207224	4207262	+	3	39	ATG	TAA	0	0
mORF_+_4207246	4207246	4207611	+	1	366	GTG	TAG	0	0
mORF_+_4207373	4207373	4207501	+	2	129	ATG	TGA	0	0
mORF_+_4207476	4207476	4207607	+	3	132	TTG	TAG	0	0
mORF_+_4207532	4207532	4207543	+	2	12	ATG	TGA	0	0
mORF_+_4207559	4207559	4207645	+	2	87	TTG	TGA	0	0
mORF_+_4207642	4207642	4207677	+	1	36	GTG	TAA	0	0
mORF_+_4207649	4207649	4207669	+	2	21	ATG	TAA	0	0
mORF_+_4207696	4207696	4207764	+	1	69	TTG	TGA	0	0
mORF_+_4207734	4207734	4207754	+	3	21	GTG	TGA	0	0
mORF_+_4207761	4207761	4207793	+	3	33	GTG	TGA	0	0
mORF_+_4207778	4207778	4207843	+	2	66	TTG	TAA	0	0
mORF_+_4207874	4207874	4207891	+	2	18	TTG	TGA	0	0
mORF_+_4207882	4207882	4207887	+	1	6	TTG	TGA	0	0
mORF_+_4207884	4207884	4207907	+	3	24	GTG	TAA	0	0
mORF_+_4207888	4207888	4207932	+	1	45	GTG	TGA	0	0
mORF_+_4207929	4207929	4207955	+	3	27	GTG	TAA	0	0
mORF_+_4207936	4207936	4207980	+	1	45	TTG	TGA	0	0
mORF_+_4207977	4207977	4207988	+	3	12	TTG	TGA	0	0
mORF_+_4207999	4207999	4208079	+	1	81	TTG	TAA	0	0
mORF_+_4208060	4208060	4208065	+	2	6	TTG	TGA	0	0

mORF_+_4208089	4208089	4208139	+	1	51	GTG	TAA	0	0
mORF_+_4208093	4208093	4208149	+	2	57	ATG	TAA	0	0
mORF_+_4208151	4208151	4208159	+	3	9	GTG	TGA	0	0
mORF_+_4208156	4208156	4208221	+	2	66	ATG	TAA	0	0
mORF_+_4208184	4208184	4208225	+	3	42	ATG	TGA	0	0
mORF_+_4208197	4208197	4208238	+	1	42	GTG	TAA	0	0
mORF_+_4208238	4208238	4208360	+	3	123	ATG	TAG	0	0
mORF_+_4208348	4208348	4208395	+	2	48	GTG	TGA	0	0
mORF_+_4208350	4208350	4208427	+	1	78	GTG	TGA	0	0
mORF_+_4208424	4208424	4208504	+	3	81	GTG	TGA	0	0
mORF_+_4208515	4208515	4208613	+	1	99	GTG	TAG	0	0
mORF_+_4208528	4208528	4208566	+	2	39	GTG	TGA	0	0
mORF_+_4208583	4208583	4208621	+	3	39	GTG	TGA	0	0
mORF_+_4208618	4208618	4208665	+	2	48	GTG	TAG	0	0
mORF_+_4208640	4208640	4208720	+	3	81	ATG	TAA	0	0
mORF_+_4208722	4208722	4208781	+	1	60	TTG	TAA	0	0
mORF_+_4208747	4208747	4208755	+	2	9	GTG	TAG	0	0
mORF_+_4208774	4208774	4208899	+	2	126	TTG	TAG	0	0
mORF_+_4208808	4208808	4208822	+	3	15	ATG	TAG	0	0
mORF_+_4208826	4208826	4208846	+	3	21	ATG	TGA	0	0
mORF_+_4208833	4208833	4208895	+	1	63	GTG	TAG	0	0
mORF_+_4208906	4208906	4209025	+	2	120	GTG	TAA	0	0
mORF_+_4208970	4208970	4209086	+	3	117	ATG	TAA	0	0
mORF_+_4209019	4209019	4209066	+	1	48	GTG	TAA	0	0
mORF_+_4209079	4209079	4209150	+	1	72	ATG	TAA	0	0
mORF_+_4209087	4209087	4209161	+	3	75	GTG	TAA	0	0
mORF_+_4209122	4209122	4209133	+	2	12	ATG	TAG	0	0
mORF_+_4209194	4209194	4209199	+	2	6	ATG	TAA	0	0
mORF_+_4209212	4209212	4209325	+	2	114	ATG	TGA	0	0
mORF_+_4209240	4209240	4209407	+	3	168	ATG	TGA	0	0
mORF_+_4209283	4209283	4209291	+	1	9	GTG	TGA	0	0
mORF_+_4209295	4209295	4209330	+	1	36	ATG	TAA	0	0
mORF_+_4209346	4209346	4209393	+	1	48	GTG	TAA	0	0
mORF_+_4209404	4209404	4209439	+	2	36	GTG	TAG	0	0
mORF_+_4209443	4209443	4209535	+	2	93	ATG	TAA	0	0
mORF_+_4209504	4209504	4209587	+	3	84	ATG	TGA	0	0
mORF_+_4209538	4209538	4209543	+	1	6	GTG	TAG	0	0
mORF_+_4209584	4209584	4209715	+	2	132	GTG	TGA	0	0
mORF_+_4209603	4209603	4209656	+	3	54	GTG	TAA	0	0
mORF_+_4209685	4209685	4209696	+	1	12	GTG	TAG	0	0
mORF_+_4209712	4209712	4209729	+	1	18	TTG	TGA	0	0
mORF_+_4209726	4209726	4209755	+	3	30	GTG	TAA	0	0
mORF_+_4209778	4209778	4209783	+	1	6	ATG	TAG	0	0
mORF_+_4209784	4209784	4209849	+	1	66	GTG	TAA	0	0
mORF_+_4209800	4209800	4209919	+	2	120	ATG	TAA	0	0
mORF_+_4209862	4209862	4209894	+	1	33	GTG	TGA	0	0
mORF_+_4209876	4209876	4209923	+	3	48	GTG	TGA	0	0
mORF_+_4209920	4209920	4210018	+	2	99	TTG	TAA	0	0
mORF_+_4210008	4210008	4210043	+	3	36	TTG	TAA	0	0
mORF_+_4210043	4210043	4210078	+	2	36	ATG	TGA	0	0
mORF_+_4210075	4210075	4210095	+	1	21	GTG	TGA	0	0
mORF_+_4210092	4210092	4210148	+	3	57	GTG	TAG	0	0
mORF_+_4210103	4210103	4210135	+	2	33	GTG	TGA	0	0
mORF_+_4210132	4210132	4210173	+	1	42	GTG	TGA	0	0
mORF_+_4210163	4210163	4210180	+	2	18	TTG	TAG	0	0
mORF_+_4210170	4210170	4210199	+	3	30	TTG	TGA	0	0
mORF_+_4210186	4210186	4210332	+	1	147	GTG	TAA	0	0
mORF_+_4210196	4210196	4210234	+	2	39	TTG	TGA	0	0
mORF_+_4210203	4210203	4210256	+	3	54	GTG	TGA	0	0
mORF_+_4210253	4210253	4210264	+	2	12	TTG	TAA	0	0
mORF_+_4210284	4210284	4210307	+	3	24	TTG	TAG	0	0
mORF_+_4210356	4210356	4210388	+	3	33	TTG	TAG	0	0
mORF_+_4210388	4210388	4210411	+	2	24	GTG	TGA	0	0

mORF_+_4210393	4210393	4210401	+	1	9	ATG	TAA	0	0	
mORF_+_4210408	4210408	4210524	+	1	117	TTG	TGA	0	0	
mORF_+_4210436	4210436	4210471	+	2	36	GTG	TGA	0	0	
mORF_+_4210472	4210472	4210498	+	2	27	ATG	TAA	0	0	
mORF_+_4210553	4210553	4210600	+	2	48	GTG	TAG	0	0	
mORF_+_4210557	4210557	4210595	+	3	39	TTG	TGA	0	0	
mORF_+_4210612	4210612	4210653	+	1	42	ATG	TAG	0	0	
mORF_+_4210632	4210632	4210787	+	3	156	GTG	TAG	0	0	
mORF_+_4210660	4210660	4210704	+	1	45	GTG	TGA	0	0	
mORF_+_4210736	4210736	4210813	+	2	78	GTG	TGA	0	0	
mORF_+_4210765	4210765	4210791	+	1	27	ATG	TAA	0	0	
mORF_+_4210792	4210792	4210806	+	1	15	ATG	TAA	0	0	
mORF_+_4210807	4210807	4210857	+	1	51	GTG	TGA	0	0	
mORF_+_4210833	4210833	4210865	+	3	33	TTG	TGA	0	0	
mORF_+_4210862	4210862	4210885	+	2	24	TTG	TGA	0	0	
mORF_+_4210882	4210882	4210938	+	1	57	TTG	TAA	0	0	
mORF_+_4210911	4210911	4210916	+	3	6	GTG	TAA	0	0	
mORF_+_4210925	4210925	4210933	+	2	9	ATG	TGA	0	0	
mORF_+_4210948	4210948	4210965	+	1	18	ATG	TAA	0	0	
mORF_+_4210955	4210955	4211017	+	2	63	GTG	TGA	0	0	
mORF_+_4210987	4210987	4210998	+	1	12	TTG	TGA	0	0	
mORF_+_4210995	4210995	4211027	+	3	33	TTG	TAA	0	0	
mORF_+_4211062	4211062	4211190	+	1	129	TTG	TAG	0	0	
mORF_+_4211135	4211135	4211167	+	2	33	ATG	TAG	0	0	
mORF_+_4211221	4211221	4211640	+	1	420	TTG	TAA	1	10	pORF_+_4211221
mORF_+_4211240	4211240	4211365	+	2	126	ATG	TAA	0	0	
mORF_+_4211378	4211378	4211476	+	2	99	TTG	TGA	0	0	
mORF_+_4211492	4211492	4211557	+	2	66	ATG	TAA	0	0	
mORF_+_4211582	4211582	4211665	+	2	84	ATG	TAA	0	0	
mORF_+_4211643	4211643	4211945	+	3	303	GTG	TAG	0	0	
mORF_+_4211833	4211833	4211967	+	1	135	TTG	TGA	0	0	
mORF_+_4211837	4211837	4211917	+	2	81	TTG	TAA	0	0	
mORF_+_4212063	4212063	4212125	+	3	63	GTG	TGA	0	0	
mORF_+_4212067	4212067	4212183	+	1	117	GTG	TAG	0	0	
mORF_+_4212122	4212122	4212139	+	2	18	GTG	TAA	0	0	
mORF_+_4212192	4212192	4212269	+	3	78	TTG	TAA	0	0	
mORF_+_4212214	4212214	4212369	+	1	156	ATG	TGA	0	0	
mORF_+_4212282	4212282	4212287	+	3	6	ATG	TAG	0	0	
mORF_+_4212287	4212287	4212295	+	2	9	GTG	TAA	0	0	
mORF_+_4212303	4212303	4213232	+	3	930	ATG	TAA	25	383	pORF_+_4212303
mORF_+_4212382	4212382	4212420	+	1	39	GTG	TGA	0	0	
mORF_+_4212445	4212445	4212558	+	1	114	TTG	TGA	0	0	
mORF_+_4212577	4212577	4212612	+	1	36	TTG	TGA	0	0	
mORF_+_4212613	4212613	4212618	+	1	6	TTG	TAA	0	0	
mORF_+_4212622	4212622	4212840	+	1	219	GTG	TGA	0	0	
mORF_+_4212689	4212689	4212772	+	2	84	GTG	TAA	0	0	
mORF_+_4212844	4212844	4212906	+	1	63	GTG	TGA	0	0	
mORF_+_4212910	4212910	4212999	+	1	90	GTG	TGA	0	0	
mORF_+_4213015	4213015	4213068	+	1	54	ATG	TAG	0	0	
mORF_+_4213075	4213075	4213215	+	1	141	ATG	TGA	0	0	
mORF_+_4213239	4213239	4213256	+	3	18	GTG	TAA	0	0	
mORF_+_4213289	4213289	4213330	+	2	42	GTG	TAA	0	0	
mORF_+_4213323	4213323	4213373	+	3	51	GTG	TAA	0	0	
mORF_+_4213343	4213343	4213408	+	2	66	TTG	TAA	0	0	
mORF_+_4213386	4213386	4213412	+	3	27	TTG	TGA	0	0	
mORF_+_4213409	4213409	4213486	+	2	78	ATG	TGA	0	0	
mORF_+_4213423	4213423	4213431	+	1	9	TTG	TGA	0	0	
mORF_+_4213425	4213425	4213508	+	3	84	GTG	TGA	0	0	
mORF_+_4213483	4213483	4215102	+	1	1620	ATG	TAA	113	2657	pORF_+_4213483
mORF_+_4213526	4213526	4213591	+	2	66	ATG	TAG	0	0	
mORF_+_4213673	4213673	4213762	+	2	90	TTG	TAG	0	0	
mORF_+_4213731	4213731	4213904	+	3	174	TTG	TAA	0	0	
mORF_+_4213829	4213829	4213834	+	2	6	ATG	TGA	0	0	

mORF_+_4213910	4213910	4213990	+	2	81	GTG	TGA	0	0	
mORF_+_4213992	4213992	4214045	+	3	54	TTG	TGA	0	0	
mORF_+_4214027	4214027	4214245	+	2	219	ATG	TGA	0	0	
mORF_+_4214172	4214172	4214210	+	3	39	GTG	TAA	0	0	
mORF_+_4214246	4214246	4214317	+	2	72	TTG	TGA	0	0	
mORF_+_4214328	4214328	4214414	+	3	87	TTG	TAA	0	0	
mORF_+_4214426	4214426	4214446	+	2	21	ATG	TGA	0	0	
mORF_+_4214468	4214468	4214548	+	2	81	GTG	TAA	0	0	
mORF_+_4214585	4214585	4214677	+	2	93	ATG	TGA	0	0	
mORF_+_4214592	4214592	4214660	+	3	69	ATG	TAA	0	0	
mORF_+_4214724	4214724	4214729	+	3	6	TTG	TGA	0	0	
mORF_+_4214726	4214726	4214833	+	2	108	GTG	TGA	0	0	
mORF_+_4214793	4214793	4214855	+	3	63	GTG	TGA	0	0	
mORF_+_4214840	4214840	4214905	+	2	66	ATG	TGA	0	0	
mORF_+_4214880	4214880	4215014	+	3	135	GTG	TGA	0	0	
mORF_+_4214909	4214909	4214923	+	2	15	ATG	TGA	0	0	
mORF_+_4214969	4214969	4215031	+	2	63	TTG	TGA	0	0	
mORF_+_4215053	4215053	4215061	+	2	9	ATG	TAA	0	0	
mORF_+_4215062	4215062	4215073	+	2	12	TTG	TGA	0	0	
mORF_+_4215117	4215117	4216436	+	3	1320	ATG	TAA	165	7560	pORF_+_4215117
mORF_+_4215154	4215154	4215231	+	1	78	TTG	TGA	0	0	
mORF_+_4215173	4215173	4215256	+	2	84	GTG	TGA	0	0	
mORF_+_4215257	4215257	4215310	+	2	54	ATG	TGA	0	0	
mORF_+_4215307	4215307	4215348	+	1	42	GTG	TGA	0	0	
mORF_+_4215385	4215385	4215417	+	1	33	TTG	TAG	0	0	
mORF_+_4215407	4215407	4215430	+	2	24	ATG	TAA	0	0	
mORF_+_4215520	4215520	4215630	+	1	111	GTG	TGA	0	0	
mORF_+_4215536	4215536	4215553	+	2	18	ATG	TGA	0	0	
mORF_+_4215631	4215631	4215645	+	1	15	ATG	TGA	0	0	
mORF_+_4215658	4215658	4215708	+	1	51	TTG	TGA	0	0	
mORF_+_4215713	4215713	4215793	+	2	81	ATG	TGA	0	0	
mORF_+_4215820	4215820	4215852	+	1	33	TTG	TGA	0	0	
mORF_+_4215863	4215863	4215877	+	2	15	TTG	TGA	0	0	
mORF_+_4215874	4215874	4216257	+	1	384	ATG	TGA	0	0	
mORF_+_4215992	4215992	4215997	+	2	6	GTG	TGA	0	0	
mORF_+_4216205	4216205	4216222	+	2	18	GTG	TGA	0	0	
mORF_+_4216267	4216267	4216365	+	1	99	TTG	TGA	0	0	
mORF_+_4216450	4216450	4216512	+	1	63	TTG	TGA	0	0	
mORF_+_4216505	4216505	4216606	+	2	102	ATG	TGA	0	0	
mORF_+_4216512	4216512	4216643	+	3	132	ATG	TGA	0	0	
mORF_+_4216606	4216606	4216827	+	1	222	ATG	TAA	0	0	
mORF_+_4216619	4216619	4218355	+	2	1737	ATG	TGA	2	4	pORF_+_4216619
mORF_+_4216644	4216644	4216700	+	3	57	TTG	TGA	0	0	
mORF_+_4216707	4216707	4216760	+	3	54	GTG	TGA	0	0	
mORF_+_4216791	4216791	4217078	+	3	288	TTG	TGA	0	0	
mORF_+_4217130	4217130	4217159	+	3	30	GTG	TGA	0	0	
mORF_+_4217325	4217325	4217339	+	3	15	TTG	TGA	0	0	
mORF_+_4217361	4217361	4217585	+	3	225	TTG	TGA	0	0	
mORF_+_4217425	4217425	4217451	+	1	27	GTG	TAA	0	0	
mORF_+_4217610	4217610	4217699	+	3	90	TTG	TGA	0	0	
mORF_+_4217742	4217742	4217786	+	3	45	TTG	TAA	0	0	
mORF_+_4217841	4217841	4217846	+	3	6	TTG	TGA	0	0	
mORF_+_4217862	4217862	4218065	+	3	204	TTG	TGA	0	0	
mORF_+_4218055	4218055	4218216	+	1	162	TTG	TGA	0	0	
mORF_+_4218117	4218117	4218359	+	3	243	TTG	TAA	0	0	
mORF_+_4218352	4218352	4218372	+	1	21	TTG	TAA	0	0	
mORF_+_4218385	4218385	4218468	+	1	84	ATG	TGA	0	0	
mORF_+_4218434	4218434	4218442	+	2	9	ATG	TAA	0	0	
mORF_+_4218465	4218465	4218578	+	3	114	GTG	TAA	0	0	
mORF_+_4218506	4218506	4218535	+	2	30	GTG	TAA	0	0	
mORF_+_4218514	4218514	4218588	+	1	75	TTG	TAA	0	0	
mORF_+_4218563	4218563	4218652	+	2	90	GTG	TAG	0	0	
mORF_+_4218606	4218606	4218629	+	3	24	TTG	TGA	0	0	

mORF_+_4218659	4218659	4218700	+	2	42	TTG	TAA	0	0
mORF_+_4218715	4218715	4218939	+	1	225	GTG	TAA	0	0
mORF_+_4218722	4218722	4218730	+	2	9	ATG	TAA	0	0
mORF_+_4218753	4218753	4218836	+	3	84	GTG	TGA	0	0
mORF_+_4218866	4218866	4218880	+	2	15	ATG	TAA	0	0
mORF_+_4218897	4218897	4218923	+	3	27	ATG	TAG	0	0
mORF_+_4218947	4218947	4218979	+	2	33	TTG	TAG	0	0
mORF_+_4218984	4218984	4219001	+	3	18	ATG	TAA	0	0
mORF_+_4218989	4218989	4219057	+	2	69	ATG	TAA	0	0
mORF_+_4218991	4218991	4219131	+	1	141	GTG	TGA	0	0
mORF_+_4219059	4219059	4219067	+	3	9	ATG	TAA	0	0
mORF_+_4219071	4219071	4219127	+	3	57	ATG	TAA	0	0
mORF_+_4219128	4219128	4219154	+	3	27	ATG	TAA	0	0
mORF_+_4219133	4219133	4219150	+	2	18	GTG	TAG	0	0
mORF_+_4219193	4219193	4219255	+	2	63	GTG	TGA	0	0
mORF_+_4219248	4219248	4219274	+	3	27	ATG	TAA	0	0
mORF_+_4219252	4219252	4219338	+	1	87	ATG	TAA	0	0
mORF_+_4219298	4219298	4219306	+	2	9	ATG	TGA	0	0
mORF_+_4219401	4219401	4219406	+	3	6	ATG	TAG	0	0
mORF_+_4219425	4219425	4219472	+	3	48	TTG	TAG	0	0
mORF_+_4219463	4219463	4219582	+	2	120	TTG	TAA	0	0
mORF_+_4219575	4219575	4219598	+	3	24	TTG	TGA	0	0
mORF_+_4219595	4219595	4219630	+	2	36	TTG	TAA	0	0
mORF_+_4219647	4219647	4219763	+	3	117	GTG	TAG	0	0
mORF_+_4219663	4219663	4219713	+	1	51	TTG	TAA	0	0
mORF_+_4219745	4219745	4219810	+	2	66	TTG	TAA	0	0
mORF_+_4219747	4219747	4219977	+	1	231	GTG	TAA	0	0
mORF_+_4219779	4219779	4219796	+	3	18	ATG	TAA	0	0
mORF_+_4219823	4219823	4219855	+	2	33	TTG	TAA	0	0
mORF_+_4219947	4219947	4219970	+	3	24	GTG	TGA	0	0
mORF_+_4219983	4219983	4220132	+	3	150	TTG	TGA	0	0
mORF_+_4219993	4219993	4219998	+	1	6	TTG	TAA	0	0
mORF_+_4220030	4220030	4220095	+	2	66	GTG	TAA	0	0
mORF_+_4220038	4220038	4220082	+	1	45	ATG	TAA	0	0
mORF_+_4220105	4220105	4220227	+	2	123	TTG	TAA	0	0
mORF_+_4220148	4220148	4220168	+	3	21	TTG	TGA	0	0
mORF_+_4220161	4220161	4220175	+	1	15	GTG	TGA	0	0
mORF_+_4220172	4220172	4220180	+	3	9	TTG	TAA	0	0
mORF_+_4220215	4220215	4220223	+	1	9	ATG	TGA	0	0
mORF_+_4220220	4220220	4220282	+	3	63	TTG	TAA	0	0
mORF_+_4220228	4220228	4220251	+	2	24	GTG	TAA	0	0
mORF_+_4220233	4220233	4220331	+	1	99	GTG	TGA	0	0
mORF_+_4220328	4220328	4220357	+	3	30	ATG	TGA	0	0
mORF_+_4220389	4220389	4220421	+	1	33	TTG	TAA	0	0
mORF_+_4220439	4220439	4220573	+	3	135	TTG	TAA	0	0
mORF_+_4220450	4220450	4220470	+	2	21	TTG	TAA	0	0
mORF_+_4220474	4220474	4220506	+	2	33	TTG	TAA	0	0
mORF_+_4220530	4220530	4220541	+	1	12	TTG	TGA	0	0
mORF_+_4220560	4220560	4220601	+	1	42	GTG	TAA	0	0
mORF_+_4220618	4220618	4220629	+	2	12	ATG	TAA	0	0
mORF_+_4220638	4220638	4220646	+	1	9	GTG	TGA	0	0
mORF_+_4220643	4220643	4220672	+	3	30	ATG	TAA	0	0
mORF_+_4220651	4220651	4220665	+	2	15	TTG	TAA	0	0
mORF_+_4220659	4220659	4220688	+	1	30	TTG	TAA	0	0
mORF_+_4220673	4220673	4220681	+	3	9	GTG	TGA	0	0
mORF_+_4220678	4220678	4220758	+	2	81	TTG	TAA	0	0
mORF_+_4220694	4220694	4220705	+	3	12	ATG	TAA	0	0
mORF_+_4220713	4220713	4220718	+	1	6	GTG	TGA	0	0
mORF_+_4220715	4220715	4220792	+	3	78	GTG	TGA	0	0
mORF_+_4220740	4220740	4220919	+	1	180	TTG	TGA	0	0
mORF_+_4220789	4220789	4221028	+	2	240	ATG	TAA	0	0
mORF_+_4220916	4220916	4220936	+	3	21	GTG	TAG	0	0
mORF_+_4220940	4220940	4221206	+	3	267	TTG	TAG	0	0

mORF_+_4220959	4220959	4220994	+	1	36	GTG	TAG	0	0	
mORF_+_4221004	4221004	4221024	+	1	21	ATG	TGA	0	0	
mORF_+_4221035	4221035	4221097	+	2	63	TTG	TAG	0	0	
mORF_+_4221043	4221043	4221063	+	1	21	TTG	TAA	0	0	
mORF_+_4221064	4221064	4221105	+	1	42	ATG	TAA	0	0	
mORF_+_4221110	4221110	4221265	+	2	156	TTG	TGA	0	0	
mORF_+_4221115	4221115	4221156	+	1	42	GTG	TAA	0	0	
mORF_+_4221181	4221181	4221318	+	1	138	GTG	TAG	0	0	
mORF_+_4221290	4221290	4221337	+	2	48	TTG	TGA	0	0	
mORF_+_4221334	4221334	4221348	+	1	15	GTG	TAA	0	0	
mORF_+_4221391	4221391	4221462	+	1	72	ATG	TAG	0	0	
mORF_+_4221393	4221393	4221515	+	3	123	GTG	TGA	0	0	
mORF_+_4221455	4221455	4221580	+	2	126	GTG	TGA	0	0	
mORF_+_4221469	4221469	4221489	+	1	21	GTG	TAA	0	0	
mORF_+_4221496	4221496	4221555	+	1	60	TTG	TAA	0	0	
mORF_+_4221516	4221516	4221653	+	3	138	GTG	TGA	0	0	
mORF_+_4221602	4221602	4221706	+	2	105	GTG	TAA	0	0	
mORF_+_4221696	4221696	4221734	+	3	39	TTG	TGA	0	0	
mORF_+_4221706	4221706	4221714	+	1	9	ATG	TAG	0	0	
mORF_+_4221731	4221731	4221739	+	2	9	ATG	TAA	0	0	
mORF_+_4221739	4221739	4221822	+	1	84	ATG	TAA	0	0	
mORF_+_4221755	4221755	4221811	+	2	57	ATG	TGA	0	0	
mORF_+_4221762	4221762	4221833	+	3	72	GTG	TGA	0	0	
mORF_+_4221830	4221830	4225534	+	2	3705	TTG	TGA	62	247	pORF_+_4221830
mORF_+_4221849	4221849	4221854	+	3	6	GTG	TGA	0	0	
mORF_+_4221876	4221876	4221887	+	3	12	GTG	TAA	0	0	
mORF_+_4221888	4221888	4221929	+	3	42	ATG	TGA	0	0	
mORF_+_4221963	4221963	4222040	+	3	78	GTG	TGA	0	0	
mORF_+_4221988	4221988	4222029	+	1	42	ATG	TAA	0	0	
mORF_+_4222065	4222065	4222382	+	3	318	TTG	TGA	0	0	
mORF_+_4222189	4222189	4222197	+	1	9	TTG	TGA	0	0	
mORF_+_4222201	4222201	4222308	+	1	108	GTG	TAA	0	0	
mORF_+_4222389	4222389	4222439	+	3	51	TTG	TGA	0	0	
mORF_+_4222449	4222449	4222481	+	3	33	TTG	TGA	0	0	
mORF_+_4222578	4222578	4222586	+	3	9	TTG	TGA	0	0	
mORF_+_4222590	4222590	4222814	+	3	225	GTG	TGA	0	0	
mORF_+_4222648	4222648	4222698	+	1	51	ATG	TGA	0	0	
mORF_+_4222741	4222741	4222911	+	1	171	ATG	TAG	0	0	
mORF_+_4222818	4222818	4222826	+	3	9	GTG	TAG	0	0	
mORF_+_4222899	4222899	4222922	+	3	24	TTG	TGA	0	0	
mORF_+_4222929	4222929	4222973	+	3	45	GTG	TGA	0	0	
mORF_+_4223004	4223004	4223108	+	3	105	ATG	TGA	0	0	
mORF_+_4223109	4223109	4223147	+	3	39	TTG	TGA	0	0	
mORF_+_4223161	4223161	4223175	+	1	15	ATG	TGA	0	0	
mORF_+_4223172	4223172	4223186	+	3	15	TTG	TGA	0	0	
mORF_+_4223188	4223188	4223214	+	1	27	GTG	TAA	0	0	
mORF_+_4223208	4223208	4223228	+	3	21	TTG	TGA	0	0	
mORF_+_4223241	4223241	4223297	+	3	57	ATG	TAA	0	0	
mORF_+_4223304	4223304	4223522	+	3	219	TTG	TGA	0	0	
mORF_+_4223350	4223350	4223448	+	1	99	TTG	TGA	0	0	
mORF_+_4223485	4223485	4223490	+	1	6	GTG	TGA	0	0	
mORF_+_4223559	4223559	4223708	+	3	150	GTG	TGA	0	0	
mORF_+_4223727	4223727	4223828	+	3	102	ATG	TGA	0	0	
mORF_+_4223809	4223809	4223832	+	1	24	GTG	TAA	0	0	
mORF_+_4223919	4223919	4223927	+	3	9	TTG	TGA	0	0	
mORF_+_4223928	4223928	4223942	+	3	15	TTG	TGA	0	0	
mORF_+_4223955	4223955	4224026	+	3	72	ATG	TGA	0	0	
mORF_+_4224057	4224057	4224101	+	3	45	TTG	TGA	0	0	
mORF_+_4224147	4224147	4224239	+	3	93	TTG	TGA	0	0	
mORF_+_4224163	4224163	4224168	+	1	6	ATG	TAA	0	0	
mORF_+_4224240	4224240	4224251	+	3	12	ATG	TGA	0	0	
mORF_+_4224252	4224252	4224344	+	3	93	TTG	TGA	0	0	
mORF_+_4224345	4224345	4224383	+	3	39	TTG	TGA	0	0	

mORF_+_4224417	4224417	4224707	+	3	291	ATG	TGA	0	0	
mORF_+_4224747	4224747	4224812	+	3	66	ATG	TAA	0	0	
mORF_+_4224837	4224837	4224917	+	3	81	GTG	TGA	0	0	
mORF_+_4224990	4224990	4225040	+	3	51	TTG	TGA	0	0	
mORF_+_4225071	4225071	4225115	+	3	45	ATG	TGA	0	0	
mORF_+_4225122	4225122	4225136	+	3	15	TTG	TAG	0	0	
mORF_+_4225146	4225146	4225226	+	3	81	TTG	TGA	0	0	
mORF_+_4225363	4225363	4225452	+	1	90	GTG	TGA	0	0	
mORF_+_4225371	4225371	4225427	+	3	57	GTG	TAG	0	0	
mORF_+_4225449	4225449	4225478	+	3	30	TTG	TGA	0	0	
mORF_+_4225491	4225491	4225601	+	3	111	TTG	TAA	0	0	
mORF_+_4225582	4225582	4225749	+	1	168	GTG	TGA	0	0	
mORF_+_4225655	4225655	4225732	+	2	78	ATG	TAA	0	0	
mORF_+_4225754	4225754	4227385	+	2	1632	GTG	TAA	5	16	pORF_+_4225754
mORF_+_4225812	4225812	4225829	+	3	18	TTG	TAA	0	0	
mORF_+_4225897	4225897	4225938	+	1	42	TTG	TAA	0	0	
mORF_+_4225938	4225938	4225958	+	3	21	ATG	TGA	0	0	
mORF_+_4225965	4225965	4225985	+	3	21	TTG	TAG	0	0	
mORF_+_4226007	4226007	4226039	+	3	33	TTG	TAA	0	0	
mORF_+_4226157	4226157	4226171	+	3	15	TTG	TGA	0	0	
mORF_+_4226193	4226193	4226207	+	3	15	TTG	TAA	0	0	
mORF_+_4226244	4226244	4226255	+	3	12	TTG	TGA	0	0	
mORF_+_4226274	4226274	4226282	+	3	9	ATG	TGA	0	0	
mORF_+_4226283	4226283	4226336	+	3	54	TTG	TGA	0	0	
mORF_+_4226394	4226394	4226507	+	3	114	TTG	TGA	0	0	
mORF_+_4226520	4226520	4226579	+	3	60	TTG	TGA	0	0	
mORF_+_4226604	4226604	4226801	+	3	198	TTG	TGA	0	0	
mORF_+_4226611	4226611	4226637	+	1	27	TTG	TGA	0	0	
mORF_+_4226653	4226653	4226676	+	1	24	TTG	TGA	0	0	
mORF_+_4226829	4226829	4227077	+	3	249	GTG	TGA	0	0	
mORF_+_4227087	4227087	4227119	+	3	33	ATG	TAA	0	0	
mORF_+_4227150	4227150	4227284	+	3	135	ATG	TAG	0	0	
mORF_+_4227322	4227322	4227360	+	1	39	TTG	TGA	0	0	
mORF_+_4227339	4227339	4227479	+	3	141	GTG	TAA	0	0	
mORF_+_4227388	4227388	4227393	+	1	6	TTG	TGA	0	0	
mORF_+_4227439	4227439	4227525	+	1	87	ATG	TAA	0	0	
mORF_+_4227458	4227458	4227598	+	2	141	ATG	TAG	0	0	
mORF_+_4227534	4227534	4227563	+	3	30	GTG	TGA	0	0	
mORF_+_4227576	4227576	4227965	+	3	390	GTG	TGA	0	0	
mORF_+_4227668	4227668	4227727	+	2	60	ATG	TAG	0	0	
mORF_+_4227740	4227740	4228069	+	2	330	TTG	TGA	0	0	
mORF_+_4227781	4227781	4227798	+	1	18	TTG	TAG	0	0	
mORF_+_4227850	4227850	4227975	+	1	126	TTG	TGA	0	0	
mORF_+_4227972	4227972	4228022	+	3	51	GTG	TAA	0	0	
mORF_+_4228105	4228105	4228230	+	1	126	GTG	TGA	0	0	
mORF_+_4228109	4228109	4228153	+	2	45	ATG	TAA	0	0	
mORF_+_4228199	4228199	4228219	+	2	21	ATG	TAA	0	0	
mORF_+_4228232	4228232	4228273	+	2	42	ATG	TGA	0	0	
mORF_+_4228242	4228242	4228268	+	3	27	ATG	TGA	0	0	
mORF_+_4228252	4228252	4228281	+	1	30	TTG	TAA	0	0	
mORF_+_4228295	4228295	4228408	+	2	114	ATG	TAA	0	0	
mORF_+_4228377	4228377	4229249	+	3	873	ATG	TGA	2	5	pORF_+_4228377
mORF_+_4228430	4228430	4228483	+	2	54	TTG	TAA	0	0	
mORF_+_4228471	4228471	4228515	+	1	45	ATG	TGA	0	0	
mORF_+_4228528	4228528	4228533	+	1	6	TTG	TGA	0	0	
mORF_+_4228552	4228552	4228593	+	1	42	TTG	TGA	0	0	
mORF_+_4228603	4228603	4228614	+	1	12	TTG	TAA	0	0	
mORF_+_4228627	4228627	4228716	+	1	90	ATG	TGA	0	0	
mORF_+_4228759	4228759	4228794	+	1	36	GTG	TGA	0	0	
mORF_+_4228837	4228837	4228866	+	1	30	GTG	TGA	0	0	
mORF_+_4228874	4228874	4228885	+	2	12	GTG	TAA	0	0	
mORF_+_4228900	4228900	4228932	+	1	33	TTG	TGA	0	0	
mORF_+_4228952	4228952	4228972	+	2	21	GTG	TGA	0	0	

mORF_+_4228969	4228969	4228977	+	1	9	ATG	TGA	0	0	
mORF_+_4229036	4229036	4229059	+	2	24	ATG	TGA	0	0	
mORF_+_4229056	4229056	4229064	+	1	9	ATG	TAA	0	0	
mORF_+_4229083	4229083	4229106	+	1	24	TTG	TAA	0	0	
mORF_+_4229266	4229266	4229328	+	1	63	ATG	TGA	0	0	
mORF_+_4229283	4229283	4229351	+	3	69	GTG	TGA	0	0	
mORF_+_4229339	4229339	4229374	+	2	36	GTG	TGA	0	0	
mORF_+_4229355	4229355	4229414	+	3	60	GTG	TGA	0	0	
mORF_+_4229371	4229371	4229385	+	1	15	TTG	TAG	0	0	
mORF_+_4229375	4229375	4229422	+	2	48	TTG	TAA	0	0	
mORF_+_4229423	4229423	4229530	+	2	108	ATG	TAA	0	0	
mORF_+_4229515	4229515	4229520	+	1	6	ATG	TAA	0	0	
mORF_+_4229530	4229530	4229769	+	1	240	ATG	TAG	0	0	
mORF_+_4229565	4229565	4229741	+	3	177	ATG	TAA	0	0	
mORF_+_4229591	4229591	4229599	+	2	9	GTG	TAA	0	0	
mORF_+_4229648	4229648	4229656	+	2	9	GTG	TGA	0	0	
mORF_+_4229772	4229772	4229810	+	3	39	ATG	TAA	0	0	
mORF_+_4229843	4229843	4229887	+	2	45	TTG	TAG	0	0	
mORF_+_4229925	4229925	4230068	+	3	144	ATG	TGA	0	0	
mORF_+_4229990	4229990	4230019	+	2	30	ATG	TGA	0	0	
mORF_+_4230007	4230007	4230336	+	1	330	ATG	TGA	0	0	
mORF_+_4230065	4230065	4230232	+	2	168	TTG	TGA	0	0	
mORF_+_4230153	4230153	4230185	+	3	33	TTG	TGA	0	0	
mORF_+_4230252	4230252	4230464	+	3	213	ATG	TAG	0	0	
mORF_+_4230337	4230337	4230579	+	1	243	TTG	TAG	0	0	
mORF_+_4230410	4230410	4230706	+	2	297	GTG	TAA	0	0	
mORF_+_4230477	4230477	4230623	+	3	147	ATG	TAA	0	0	
mORF_+_4230580	4230580	4230651	+	1	72	ATG	TAA	0	0	
mORF_+_4230715	4230715	4230852	+	1	138	GTG	TGA	0	0	
mORF_+_4230740	4230740	4230913	+	2	174	GTG	TGA	0	0	
mORF_+_4230906	4230906	4231106	+	3	201	GTG	TAA	0	0	
mORF_+_4230941	4230941	4230973	+	2	33	TTG	TAA	0	0	
mORF_+_4230973	4230973	4231020	+	1	48	ATG	TAA	0	0	
mORF_+_4231036	4231036	4231581	+	1	546	ATG	TGA	0	0	
mORF_+_4231266	4231266	4231403	+	3	138	GTG	TGA	0	0	
mORF_+_4231358	4231358	4231429	+	2	72	GTG	TAG	0	0	
mORF_+_4231433	4231433	4231570	+	2	138	ATG	TAA	0	0	
mORF_+_4231578	4231578	4231781	+	3	204	GTG	TAA	0	0	
mORF_+_4231591	4231591	4231671	+	1	81	TTG	TAA	0	0	
mORF_+_4231655	4231655	4231696	+	2	42	ATG	TAA	0	0	
mORF_+_4231723	4231723	4231842	+	1	120	GTG	TGA	0	0	
mORF_+_4231775	4231775	4233430	+	2	1656	TTG	TAA	128	1210	pORF_+_4231775
mORF_+_4231839	4231839	4231847	+	3	9	ATG	TGA	0	0	
mORF_+_4231872	4231872	4232078	+	3	207	TTG	TAG	0	0	
mORF_+_4231996	4231996	4232019	+	1	24	GTG	TAA	0	0	
mORF_+_4232112	4232112	4232129	+	3	18	TTG	TAA	0	0	
mORF_+_4232190	4232190	4232231	+	3	42	GTG	TAG	0	0	
mORF_+_4232194	4232194	4232226	+	1	33	GTG	TGA	0	0	
mORF_+_4232319	4232319	4232360	+	3	42	TTG	TGA	0	0	
mORF_+_4232448	4232448	4232462	+	3	15	GTG	TGA	0	0	
mORF_+_4232472	4232472	4232738	+	3	267	GTG	TGA	0	0	
mORF_+_4232599	4232599	4232643	+	1	45	GTG	TGA	0	0	
mORF_+_4232739	4232739	4232954	+	3	216	TTG	TGA	0	0	
mORF_+_4232980	4232980	4233012	+	1	33	GTG	TAA	0	0	
mORF_+_4233078	4233078	4233236	+	3	159	TTG	TGA	0	0	
mORF_+_4233237	4233237	4233275	+	3	39	TTG	TGA	0	0	
mORF_+_4233301	4233301	4233321	+	1	21	GTG	TAA	0	0	
mORF_+_4233357	4233357	4233401	+	3	45	ATG	TGA	0	0	
mORF_+_4233418	4233418	4233447	+	1	30	GTG	TAG	0	0	
mORF_+_4233483	4233483	4233578	+	3	96	ATG	TAA	0	0	
mORF_+_4233490	4233490	4233558	+	1	69	ATG	TAA	0	0	
mORF_+_4233527	4233527	4233565	+	2	39	ATG	TAG	0	0	
mORF_+_4233571	4233571	4233582	+	1	12	TTG	TAA	0	0	

mORF_+_4233594	4233594	4233629	+	3	36	ATG	TAA	0	0	
mORF_+_4233605	4233605	4233667	+	2	63	ATG	TGA	0	0	
mORF_+_4233636	4233636	4233650	+	3	15	TTG	TAA	0	0	
mORF_+_4233664	4233664	4233684	+	1	21	GTG	TAG	0	0	
mORF_+_4233696	4233696	4233770	+	3	75	TTG	TAA	0	0	
mORF_+_4233725	4233725	4233745	+	2	21	TTG	TAA	0	0	
mORF_+_4233760	4233760	4233858	+	1	99	TTG	TAG	0	0	
mORF_+_4233791	4233791	4233829	+	2	39	TTG	TAA	0	0	
mORF_+_4233859	4233859	4233897	+	1	39	TTG	TAA	0	0	
mORF_+_4233861	4233861	4233932	+	3	72	GTG	TGA	0	0	
mORF_+_4233884	4233884	4233916	+	2	33	ATG	TGA	0	0	
mORF_+_4233913	4233913	4234122	+	1	210	ATG	TGA	0	0	
mORF_+_4233929	4233929	4234171	+	2	243	ATG	TAA	0	0	
mORF_+_4233945	4233945	4234079	+	3	135	ATG	TAA	0	0	
mORF_+_4234092	4234092	4234346	+	3	255	GTG	TAA	0	0	
mORF_+_4234178	4234178	4234219	+	2	42	ATG	TAG	0	0	
mORF_+_4234204	4234204	4234227	+	1	24	TTG	TGA	0	0	
mORF_+_4234253	4234253	4234288	+	2	36	GTG	TGA	0	0	
mORF_+_4234255	4234255	4234923	+	1	669	GTG	TGA	0	0	
mORF_+_4234365	4234365	4234409	+	3	45	GTG	TGA	0	0	
mORF_+_4234406	4234406	4234561	+	2	156	ATG	TGA	0	0	
mORF_+_4234509	4234509	4234592	+	3	84	ATG	TGA	0	0	
mORF_+_4234589	4234589	4234597	+	2	9	TTG	TGA	0	0	
mORF_+_4234604	4234604	4234621	+	2	18	TTG	TGA	0	0	
mORF_+_4234640	4234640	4234891	+	2	252	TTG	TGA	0	0	
mORF_+_4234722	4234722	4234760	+	3	39	ATG	TGA	0	0	
mORF_+_4234824	4234824	4235657	+	3	834	TTG	TAA	0	0	
mORF_+_4234936	4234936	4234953	+	1	18	TTG	TGA	0	0	
mORF_+_4234954	4234954	4235031	+	1	78	GTG	TAA	0	0	
mORF_+_4235087	4235087	4235107	+	2	21	GTG	TAG	0	0	
mORF_+_4235095	4235095	4235103	+	1	9	GTG	TGA	0	0	
mORF_+_4235197	4235197	4235241	+	1	45	ATG	TGA	0	0	
mORF_+_4235269	4235269	4235541	+	1	273	TTG	TAG	0	0	
mORF_+_4235333	4235333	4235437	+	2	105	GTG	TGA	0	0	
mORF_+_4235474	4235474	4235596	+	2	123	GTG	TGA	0	0	
mORF_+_4235566	4235566	4235637	+	1	72	ATG	TGA	0	0	
mORF_+_4235657	4235657	4237753	+	2	2097	ATG	TAA	0	0	
mORF_+_4235707	4235707	4235835	+	1	129	TTG	TAA	0	0	
mORF_+_4235736	4235736	4235768	+	3	33	TTG	TAG	0	0	
mORF_+_4235878	4235878	4235964	+	1	87	GTG	TAA	0	0	
mORF_+_4235995	4235995	4236066	+	1	72	GTG	TGA	0	0	
mORF_+_4236030	4236030	4236158	+	3	129	TTG	TGA	0	0	
mORF_+_4236180	4236180	4236311	+	3	132	GTG	TGA	0	0	
mORF_+_4236190	4236190	4236204	+	1	15	TTG	TAA	0	0	
mORF_+_4236321	4236321	4236581	+	3	261	ATG	TAA	0	0	
mORF_+_4236409	4236409	4236423	+	1	15	TTG	TAA	0	0	
mORF_+_4236597	4236597	4236665	+	3	69	ATG	TGA	0	0	
mORF_+_4236672	4236672	4236713	+	3	42	GTG	TGA	0	0	
mORF_+_4236729	4236729	4236782	+	3	54	ATG	TGA	0	0	
mORF_+_4236795	4236795	4236809	+	3	15	ATG	TGA	0	0	
mORF_+_4236924	4236924	4236950	+	3	27	TTG	TGA	0	0	
mORF_+_4236963	4236963	4237001	+	3	39	GTG	TGA	0	0	
mORF_+_4237018	4237018	4237089	+	1	72	GTG	TAA	0	0	
mORF_+_4237056	4237056	4237172	+	3	117	TTG	TGA	0	0	
mORF_+_4237233	4237233	4237364	+	3	132	GTG	TGA	0	0	
mORF_+_4237434	4237434	4237442	+	3	9	ATG	TAG	0	0	
mORF_+_4237509	4237509	4237673	+	3	165	TTG	TGA	1	3	pORF_+_4237509
mORF_+_4237677	4237677	4237724	+	3	48	GTG	TGA	0	0	
mORF_+_4237757	4237757	4237918	+	2	162	ATG	TGA	0	0	
mORF_+_4237803	4237803	4237961	+	3	159	ATG	TAG	0	0	
mORF_+_4237843	4237843	4237860	+	1	18	TTG	TAA	0	0	
mORF_+_4237934	4237934	4238137	+	2	204	TTG	TGA	0	0	
mORF_+_4237948	4237948	4237998	+	1	51	TTG	TAA	0	0	

mORF_+_4238079	4238079	4238222	+	3	144	TTG	TAG	0	0
mORF_+_4238095	4238095	4238145	+	1	51	TTG	TGA	0	0
mORF_+_4238138	4238138	4238152	+	2	15	ATG	TGA	0	0
mORF_+_4238149	4238149	4238265	+	1	117	TTG	TGA	0	0
mORF_+_4238235	4238235	4238351	+	3	117	TTG	TGA	0	0
mORF_+_4238305	4238305	4238334	+	1	30	TTG	TGA	0	0
mORF_+_4238348	4238348	4238758	+	2	411	ATG	TAA	0	0
mORF_+_4238412	4238412	4238435	+	3	24	TTG	TGA	0	0
mORF_+_4238422	4238422	4238478	+	1	57	GTG	TGA	0	0
mORF_+_4238442	4238442	4238522	+	3	81	TTG	TAG	0	0
mORF_+_4238568	4238568	4238573	+	3	6	TTG	TGA	0	0
mORF_+_4238613	4238613	4238648	+	3	36	TTG	TGA	0	0
mORF_+_4238676	4238676	4238684	+	3	9	ATG	TGA	0	0
mORF_+_4238722	4238722	4238733	+	1	12	GTG	TAA	0	0
mORF_+_4238776	4238776	4238937	+	1	162	ATG	TAA	0	0
mORF_+_4238786	4238786	4238812	+	2	27	GTG	TAG	0	0
mORF_+_4238817	4238817	4239161	+	3	345	TTG	TAG	0	0
mORF_+_4238822	4238822	4238905	+	2	84	GTG	TAA	0	0
mORF_+_4238909	4238909	4239073	+	2	165	GTG	TAG	0	0
mORF_+_4238956	4238956	4239021	+	1	66	TTG	TAG	0	0
mORF_+_4239124	4239124	4239144	+	1	21	ATG	TAG	0	0
mORF_+_4239176	4239176	4239208	+	2	33	GTG	TAA	0	0
mORF_+_4239184	4239184	4239189	+	1	6	GTG	TAA	0	0
mORF_+_4239218	4239218	4239241	+	2	24	TTG	TAA	0	0
mORF_+_4239243	4239243	4239638	+	3	396	TTG	TAA	0	0
mORF_+_4239248	4239248	4239280	+	2	33	GTG	TAA	0	0
mORF_+_4239281	4239281	4239295	+	2	15	TTG	TGA	0	0
mORF_+_4239292	4239292	4239384	+	1	93	GTG	TAG	0	0
mORF_+_4239397	4239397	4239495	+	1	99	TTG	TGA	0	0
mORF_+_4239530	4239530	4239550	+	2	21	TTG	TAA	0	0
mORF_+_4239538	4239538	4239678	+	1	141	GTG	TAA	0	0
mORF_+_4239647	4239647	4239727	+	2	81	GTG	TAA	0	0
mORF_+_4239753	4239753	4239848	+	3	96	TTG	TGA	0	0
mORF_+_4239833	4239833	4239877	+	2	45	TTG	TAA	0	0
mORF_+_4239877	4239877	4239885	+	1	9	ATG	TAA	0	0
mORF_+_4239928	4239928	4240050	+	1	123	GTG	TAA	0	0
mORF_+_4240016	4240016	4240072	+	2	57	GTG	TGA	0	0
mORF_+_4240069	4240069	4240203	+	1	135	ATG	TAG	0	0
mORF_+_4240140	4240140	4240169	+	3	30	TTG	TGA	0	0
mORF_+_4240142	4240142	4240165	+	2	24	GTG	TGA	0	0
mORF_+_4240166	4240166	4240189	+	2	24	GTG	TAA	0	0
mORF_+_4240223	4240223	4240228	+	2	6	ATG	TAG	0	0
mORF_+_4240313	4240313	4240321	+	2	9	GTG	TGA	0	0
mORF_+_4240318	4240318	4240344	+	1	27	TTG	TAA	0	0
mORF_+_4240365	4240365	4240421	+	3	57	ATG	TGA	0	0
mORF_+_4240378	4240378	4240392	+	1	15	ATG	TGA	0	0
mORF_+_4240399	4240399	4240404	+	1	6	TTG	TGA	0	0
mORF_+_4240418	4240418	4240444	+	2	27	TTG	TGA	0	0
mORF_+_4240441	4240441	4240488	+	1	48	GTG	TAA	0	0
mORF_+_4240473	4240473	4240493	+	3	21	GTG	TAA	0	0
mORF_+_4240508	4240508	4240603	+	2	96	ATG	TAA	0	0
mORF_+_4240569	4240569	4240613	+	3	45	GTG	TGA	0	0
mORF_+_4240610	4240610	4240726	+	2	117	TTG	TAA	0	0
mORF_+_4240632	4240632	4240652	+	3	21	TTG	TAA	0	0
mORF_+_4240680	4240680	4240697	+	3	18	TTG	TGA	0	0
mORF_+_4240713	4240713	4240769	+	3	57	ATG	TAG	0	0
mORF_+_4240726	4240726	4240782	+	1	57	ATG	TGA	0	0
mORF_+_4240772	4240772	4240834	+	2	63	TTG	TAA	0	0
mORF_+_4240779	4240779	4240814	+	3	36	TTG	TAG	0	0
mORF_+_4240860	4240860	4241003	+	3	144	ATG	TAG	0	0
mORF_+_4240945	4240945	4241010	+	1	66	GTG	TGA	0	0
mORF_+_4241007	4241007	4241066	+	3	60	TTG	TGA	0	0
mORF_+_4241021	4241021	4241134	+	2	114	ATG	TGA	0	0

mORF_+_4241079	4241079	4241219	+	3	141	ATG	TAG	0	0
mORF_+_4241083	4241083	4241319	+	1	237	ATG	TAA	0	0
mORF_+_4241226	4241226	4241369	+	3	144	GTG	TGA	0	0
mORF_+_4241366	4241366	4241479	+	2	114	GTG	TAG	0	0
mORF_+_4241489	4241489	4241503	+	2	15	GTG	TAA	0	0
mORF_+_4241513	4241513	4241557	+	2	45	TTG	TAA	0	0
mORF_+_4241533	4241533	4241760	+	1	228	TTG	TAA	0	0
mORF_+_4241573	4241573	4241656	+	2	84	GTG	TGA	0	0
mORF_+_4241631	4241631	4241696	+	3	66	TTG	TAA	0	0
mORF_+_4241678	4241678	4241686	+	2	9	ATG	TAG	0	0
mORF_+_4241687	4241687	4241692	+	2	6	GTG	TAG	0	0
mORF_+_4241723	4241723	4241767	+	2	45	GTG	TGA	0	0
mORF_+_4241764	4241764	4241892	+	1	129	TTG	TGA	0	0
mORF_+_4241780	4241780	4241959	+	2	180	TTG	TAA	0	0
mORF_+_4241886	4241886	4241975	+	3	90	TTG	TGA	0	0
mORF_+_4241972	4241972	4242127	+	2	156	TTG	TAG	0	0
mORF_+_4242102	4242102	4242110	+	3	9	TTG	TGA	0	0
mORF_+_4242114	4242114	4242230	+	3	117	ATG	TGA	0	0
mORF_+_4242158	4242158	4242280	+	2	123	TTG	TGA	0	0
mORF_+_4242281	4242281	4242337	+	2	57	ATG	TAA	0	0
mORF_+_4242365	4242365	4242391	+	2	27	TTG	TAA	0	0
mORF_+_4242400	4242400	4242771	+	1	372	TTG	TAA	0	0
mORF_+_4242446	4242446	4242469	+	2	24	GTG	TAG	0	0
mORF_+_4242462	4242462	4242542	+	3	81	GTG	TAA	0	0
mORF_+_4242479	4242479	4242559	+	2	81	GTG	TGA	0	0
mORF_+_4242674	4242674	4242727	+	2	54	TTG	TAA	0	0
mORF_+_4242746	4242746	4242820	+	2	75	TTG	TAG	0	0
mORF_+_4242821	4242821	4242895	+	2	75	TTG	TAA	0	0
mORF_+_4242923	4242923	4243015	+	2	93	TTG	TAA	0	0
mORF_+_4242988	4242988	4243002	+	1	15	TTG	TAA	0	0
mORF_+_4242990	4242990	4243088	+	3	99	GTG	TAA	0	0
mORF_+_4243066	4243066	4243161	+	1	96	TTG	TGA	0	0
mORF_+_4243088	4243088	4243210	+	2	123	ATG	TAG	0	0
mORF_+_4243161	4243161	4243172	+	3	12	ATG	TGA	0	0
mORF_+_4243256	4243256	4243303	+	2	48	TTG	TGA	0	0
mORF_+_4243319	4243319	4243447	+	2	129	TTG	TAA	0	0
mORF_+_4243419	4243419	4243487	+	3	69	GTG	TAA	0	0
mORF_+_4243475	4243475	4243519	+	2	45	TTG	TAG	0	0
mORF_+_4243547	4243547	4243609	+	2	63	TTG	TGA	0	0
mORF_+_4243602	4243602	4243616	+	3	15	ATG	TGA	0	0
mORF_+_4243606	4243606	4244028	+	1	423	TTG	TAA	0	0
mORF_+_4243613	4243613	4243642	+	2	30	TTG	TAA	0	0
mORF_+_4243649	4243649	4243738	+	2	90	TTG	TAA	0	0
mORF_+_4243671	4243671	4243688	+	3	18	ATG	TGA	0	0
mORF_+_4243742	4243742	4243867	+	2	126	GTG	TAA	0	0
mORF_+_4243895	4243895	4244017	+	2	123	GTG	TAA	0	0
mORF_+_4243986	4243986	4244090	+	3	105	TTG	TAA	0	0
mORF_+_4244060	4244060	4244071	+	2	12	TTG	TAA	0	0
mORF_+_4244102	4244102	4244152	+	2	51	TTG	TGA	0	0
mORF_+_4244149	4244149	4244400	+	1	252	TTG	TAA	0	0
mORF_+_4244175	4244175	4244189	+	3	15	GTG	TAA	0	0
mORF_+_4244189	4244189	4244317	+	2	129	ATG	TAG	0	0
mORF_+_4244208	4244208	4244261	+	3	54	TTG	TGA	0	0
mORF_+_4244363	4244363	4244464	+	2	102	TTG	TGA	0	0
mORF_+_4244400	4244400	4244444	+	3	45	ATG	TAA	0	0
mORF_+_4244448	4244448	4244603	+	3	156	ATG	TAA	0	0
mORF_+_4244455	4244455	4244475	+	1	21	TTG	TGA	0	0
mORF_+_4244555	4244555	4244560	+	2	6	GTG	TGA	0	0
mORF_+_4244557	4244557	4244649	+	1	93	GTG	TGA	0	0
mORF_+_4244618	4244618	4244704	+	2	87	TTG	TAA	0	0
mORF_+_4244646	4244646	4244660	+	3	15	ATG	TAG	0	0
mORF_+_4244673	4244673	4244729	+	3	57	GTG	TAA	0	0
mORF_+_4244717	4244717	4245922	+	2	1206	GTG	TAA	9	30

pORF_+_4244717

mORF_+_4244766	4244766	4244834	+	3	69	ATG	TAA	0	0	
mORF_+_4244886	4244886	4244951	+	3	66	ATG	TGA	0	0	
mORF_+_4244952	4244952	4245008	+	3	57	TTG	TGA	0	0	
mORF_+_4245009	4245009	4245083	+	3	75	ATG	TAG	0	0	
mORF_+_4245099	4245099	4245107	+	3	9	TTG	TGA	0	0	
mORF_+_4245213	4245213	4245368	+	3	156	GTG	TGA	0	0	
mORF_+_4245450	4245450	4245524	+	3	75	TTG	TGA	0	0	
mORF_+_4245615	4245615	4245818	+	3	204	TTG	TAG	0	0	
mORF_+_4245825	4245825	4245980	+	3	156	GTG	TGA	0	0	
mORF_+_4245859	4245859	4245876	+	1	18	TTG	TGA	0	0	
mORF_+_4245889	4245889	4245906	+	1	18	ATG	TAA	0	0	
mORF_+_4245955	4245955	4245963	+	1	9	GTG	TGA	0	0	
mORF_+_4245977	4245977	4245997	+	2	21	ATG	TGA	0	0	
mORF_+_4245994	4245994	4247334	+	1	1341	ATG	TAA	4	2	pORF_+_4245994
mORF_+_4246028	4246028	4246048	+	2	21	TTG	TAA	0	0	
mORF_+_4246070	4246070	4246201	+	2	132	TTG	TAA	0	0	
mORF_+_4246104	4246104	4246115	+	3	12	TTG	TAG	0	0	
mORF_+_4246131	4246131	4246160	+	3	30	GTG	TAA	0	0	
mORF_+_4246179	4246179	4246184	+	3	6	ATG	TGA	0	0	
mORF_+_4246218	4246218	4246235	+	3	18	GTG	TAA	0	0	
mORF_+_4246283	4246283	4246342	+	2	60	ATG	TGA	0	0	
mORF_+_4246347	4246347	4246379	+	3	33	ATG	TAA	0	0	
mORF_+_4246397	4246397	4246411	+	2	15	ATG	TGA	0	0	
mORF_+_4246445	4246445	4246597	+	2	153	GTG	TAG	0	0	
mORF_+_4246637	4246637	4246741	+	2	105	GTG	TGA	0	0	
mORF_+_4246757	4246757	4246786	+	2	30	TTG	TGA	0	0	
mORF_+_4246823	4246823	4246927	+	2	105	TTG	TGA	0	0	
mORF_+_4246980	4246980	4247189	+	3	210	GTG	TGA	0	0	
mORF_+_4247159	4247159	4247356	+	2	198	GTG	TAA	1	2	pORF_+_4247159
mORF_+_4247193	4247193	4247216	+	3	24	ATG	TAA	0	0	
mORF_+_4247298	4247298	4247390	+	3	93	GTG	TGA	0	0	
mORF_+_4247390	4247390	4247527	+	2	138	ATG	TAG	0	0	
mORF_+_4247433	4247433	4247438	+	3	6	ATG	TAG	0	0	
mORF_+_4247535	4247535	4247552	+	3	18	TTG	TGA	0	0	
mORF_+_4247563	4247563	4247571	+	1	9	TTG	TGA	0	0	
mORF_+_4247568	4247568	4248497	+	3	930	GTG	TAA	14	107	pORF_+_4247568
mORF_+_4247650	4247650	4247790	+	1	141	TTG	TGA	0	0	
mORF_+_4247806	4247806	4247853	+	1	48	GTG	TGA	0	0	
mORF_+_4247896	4247896	4247913	+	1	18	TTG	TGA	0	0	
mORF_+_4247917	4247917	4247931	+	1	15	TTG	TGA	0	0	
mORF_+_4247989	4247989	4248021	+	1	33	GTG	TGA	0	0	
mORF_+_4248049	4248049	4248192	+	1	144	ATG	TGA	0	0	
mORF_+_4248244	4248244	4248276	+	1	33	TTG	TAG	0	0	
mORF_+_4248397	4248397	4248417	+	1	21	GTG	TAA	0	0	
mORF_+_4248424	4248424	4248483	+	1	60	TTG	TAA	0	0	
mORF_+_4248510	4248510	4248578	+	3	69	GTG	TGA	0	0	
mORF_+_4248557	4248557	4248592	+	2	36	ATG	TAG	0	0	
mORF_+_4248632	4248632	4248667	+	2	36	ATG	TAG	0	0	
mORF_+_4248667	4248667	4248729	+	1	63	GTG	TGA	0	0	
mORF_+_4248713	4248713	4248760	+	2	48	ATG	TAA	0	0	
mORF_+_4248726	4248726	4248920	+	3	195	ATG	TAA	0	0	
mORF_+_4248775	4248775	4248801	+	1	27	ATG	TAG	0	0	
mORF_+_4248808	4248808	4248828	+	1	21	TTG	TAA	0	0	
mORF_+_4248829	4248829	4248846	+	1	18	ATG	TAA	0	0	
mORF_+_4248923	4248923	4248991	+	2	69	ATG	TGA	0	0	
mORF_+_4248930	4248930	4248959	+	3	30	GTG	TAA	0	0	
mORF_+_4248960	4248960	4248965	+	3	6	GTG	TAA	0	0	
mORF_+_4248978	4248978	4250306	+	3	1329	ATG	TAA	0	0	
mORF_+_4248988	4248988	4249011	+	1	24	TTG	TGA	0	0	
mORF_+_4248992	4248992	4249018	+	2	27	ATG	TAA	0	0	
mORF_+_4249021	4249021	4249059	+	1	39	ATG	TAA	0	0	
mORF_+_4249064	4249064	4249075	+	2	12	TTG	TAA	0	0	
mORF_+_4249078	4249078	4249128	+	1	51	GTG	TAA	0	0	

mORF_+_4249136	4249136	4249141	+	2	6	ATG	TAA	0	0	
mORF_+_4249147	4249147	4249176	+	1	30	TTG	TAG	0	0	
mORF_+_4249154	4249154	4249180	+	2	27	TTG	TGA	0	0	
mORF_+_4249177	4249177	4249218	+	1	42	TTG	TGA	0	0	
mORF_+_4249196	4249196	4249240	+	2	45	ATG	TGA	0	0	
mORF_+_4249234	4249234	4249428	+	1	195	GTG	TGA	0	0	
mORF_+_4249241	4249241	4249270	+	2	30	ATG	TGA	0	0	
mORF_+_4249319	4249319	4249330	+	2	12	ATG	TAG	0	0	
mORF_+_4249349	4249349	4249417	+	2	69	TTG	TAA	0	0	
mORF_+_4249441	4249441	4249503	+	1	63	TTG	TAA	0	0	
mORF_+_4249478	4249478	4249510	+	2	33	TTG	TGA	0	0	
mORF_+_4249507	4249507	4249566	+	1	60	TTG	TAA	0	0	
mORF_+_4249526	4249526	4249534	+	2	9	TTG	TGA	0	0	
mORF_+_4249573	4249573	4249599	+	1	27	TTG	TGA	0	0	
mORF_+_4249654	4249654	4249683	+	1	30	TTG	TGA	0	0	
mORF_+_4249700	4249700	4249747	+	2	48	TTG	TGA	0	0	
mORF_+_4249747	4249747	4249800	+	1	54	ATG	TGA	0	0	
mORF_+_4249853	4249853	4249864	+	2	12	ATG	TGA	0	0	
mORF_+_4249861	4249861	4249926	+	1	66	TTG	TGA	0	0	
mORF_+_4249936	4249936	4249995	+	1	60	ATG	TAG	0	0	
mORF_+_4249940	4249940	4249954	+	2	15	TTG	TAA	0	0	
mORF_+_4249958	4249958	4249969	+	2	12	GTG	TAG	0	0	
mORF_+_4250029	4250029	4250037	+	1	9	ATG	TAA	0	0	
mORF_+_4250077	4250077	4250100	+	1	24	ATG	TAA	0	0	
mORF_+_4250116	4250116	4250127	+	1	12	ATG	TGA	0	0	
mORF_+_4250147	4250147	4250182	+	2	36	TTG	TGA	0	0	
mORF_+_4250179	4250179	4250289	+	1	111	ATG	TAA	0	0	
mORF_+_4250270	4250270	4250296	+	2	27	TTG	TAA	0	0	
mORF_+_4250299	4250299	4250310	+	1	12	GTG	TAA	0	0	
mORF_+_4250344	4250344	4250448	+	1	105	GTG	TAG	0	0	
mORF_+_4250418	4250418	4251026	+	3	609	ATG	TAA	3	10	pORF_+_4250418
mORF_+_4250435	4250435	4250515	+	2	81	TTG	TAA	0	0	
mORF_+_4250497	4250497	4250547	+	1	51	ATG	TAA	0	0	
mORF_+_4250557	4250557	4250634	+	1	78	GTG	TGA	0	0	
mORF_+_4250570	4250570	4250575	+	2	6	TTG	TAA	0	0	
mORF_+_4250644	4250644	4250667	+	1	24	TTG	TAA	0	0	
mORF_+_4250692	4250692	4250829	+	1	138	TTG	TAA	0	0	
mORF_+_4250771	4250771	4250785	+	2	15	ATG	TGA	0	0	
mORF_+_4250789	4250789	4250863	+	2	75	GTG	TAA	0	0	
mORF_+_4250917	4250917	4250925	+	1	9	TTG	TAG	0	0	
mORF_+_4250929	4250929	4250970	+	1	42	GTG	TAA	0	0	
mORF_+_4250942	4250942	4250977	+	2	36	GTG	TAA	0	0	
mORF_+_4251039	4251039	4251911	+	3	873	ATG	TGA	0	0	
mORF_+_4251044	4251044	4251064	+	2	21	GTG	TAA	0	0	
mORF_+_4251106	4251106	4251213	+	1	108	TTG	TGA	0	0	
mORF_+_4251137	4251137	4251241	+	2	105	ATG	TGA	0	0	
mORF_+_4251229	4251229	4251237	+	1	9	GTG	TGA	0	0	
mORF_+_4251238	4251238	4251312	+	1	75	ATG	TAA	0	0	
mORF_+_4251337	4251337	4251354	+	1	18	TTG	TGA	0	0	
mORF_+_4251406	4251406	4251417	+	1	12	TTG	TAG	0	0	
mORF_+_4251425	4251425	4251526	+	2	102	GTG	TGA	0	0	
mORF_+_4251487	4251487	4251522	+	1	36	TTG	TGA	0	0	
mORF_+_4251523	4251523	4251540	+	1	18	GTG	TGA	0	0	
mORF_+_4251542	4251542	4251610	+	2	69	TTG	TGA	0	0	
mORF_+_4251598	4251598	4251627	+	1	30	ATG	TGA	0	0	
mORF_+_4251631	4251631	4251678	+	1	48	TTG	TGA	0	0	
mORF_+_4251682	4251682	4251714	+	1	33	TTG	TGA	0	0	
mORF_+_4251727	4251727	4251735	+	1	9	GTG	TAA	0	0	
mORF_+_4251736	4251736	4251744	+	1	9	ATG	TAG	0	0	
mORF_+_4251787	4251787	4251807	+	1	21	TTG	TGA	0	0	
mORF_+_4251808	4251808	4251849	+	1	42	TTG	TGA	0	0	
mORF_+_4251859	4251859	4251882	+	1	24	ATG	TAG	0	0	
mORF_+_4251911	4251911	4251919	+	2	9	ATG	TAA	0	0	

mORF_+_4251929	4251929	4252138	+	2	210	ATG	TGA	0	0	
mORF_+_4251960	4251960	4252118	+	3	159	ATG	TAA	0	0	
mORF_+_4252203	4252203	4252223	+	3	21	GTG	TGA	0	0	
mORF_+_4252232	4252232	4252363	+	2	132	TTG	TAA	0	0	
mORF_+_4252261	4252261	4252404	+	1	144	GTG	TAG	0	0	
mORF_+_4252406	4252406	4252465	+	2	60	GTG	TGA	0	0	
mORF_+_4252414	4252414	4252785	+	1	372	ATG	TGA	0	0	
mORF_+_4252479	4252479	4252496	+	3	18	TTG	TAA	0	0	
mORF_+_4252548	4252548	4252565	+	3	18	TTG	TGA	0	0	
mORF_+_4252562	4252562	4252666	+	2	105	TTG	TAG	0	0	
mORF_+_4252614	4252614	4252703	+	3	90	TTG	TGA	0	0	
mORF_+_4252700	4252700	4252759	+	2	60	ATG	TGA	0	0	
mORF_+_4252716	4252716	4252766	+	3	51	TTG	TAA	0	0	
mORF_+_4252802	4252802	4252810	+	2	9	GTG	TAG	0	0	
mORF_+_4252817	4252817	4252837	+	2	21	TTG	TAG	0	0	
mORF_+_4252841	4252841	4252882	+	2	42	TTG	TGA	0	0	
mORF_+_4252846	4252846	4252857	+	1	12	TTG	TAA	0	0	
mORF_+_4252872	4252872	4252943	+	3	72	GTG	TAA	0	0	
mORF_+_4252916	4252916	4253059	+	2	144	ATG	TAG	0	0	
mORF_+_4252992	4252992	4253024	+	3	33	ATG	TAG	0	0	
mORF_+_4253044	4253044	4253124	+	1	81	ATG	TAA	0	0	
mORF_+_4253073	4253073	4253090	+	3	18	TTG	TGA	0	0	
mORF_+_4253087	4253087	4253095	+	2	9	TTG	TAA	0	0	
mORF_+_4253117	4253117	4253188	+	2	72	TTG	TAA	0	0	
mORF_+_4253201	4253201	4253215	+	2	15	ATG	TAA	0	0	
mORF_+_4253206	4253206	4253982	+	1	777	GTG	TGA	0	0	
mORF_+_4253249	4253249	4253272	+	2	24	GTG	TGA	0	0	
mORF_+_4253273	4253273	4253359	+	2	87	ATG	TAA	0	0	
mORF_+_4253399	4253399	4253407	+	2	9	GTG	TAA	0	0	
mORF_+_4253414	4253414	4253530	+	2	117	TTG	TGA	0	0	
mORF_+_4253561	4253561	4253566	+	2	6	ATG	TGA	0	0	
mORF_+_4253642	4253642	4253656	+	2	15	TTG	TAA	0	0	
mORF_+_4253669	4253669	4253710	+	2	42	GTG	TAA	0	0	
mORF_+_4253739	4253739	4253840	+	3	102	GTG	TAA	0	0	
mORF_+_4253780	4253780	4253851	+	2	72	TTG	TGA	0	0	
mORF_+_4253865	4253865	4253936	+	3	72	GTG	TAG	0	0	
mORF_+_4253945	4253945	4254169	+	2	225	GTG	TAG	0	0	
mORF_+_4254141	4254141	4254185	+	3	45	TTG	TAA	0	0	
mORF_+_4254154	4254154	4254258	+	1	105	GTG	TAG	0	0	
mORF_+_4254203	4254203	4254208	+	2	6	GTG	TAA	0	0	
mORF_+_4254212	4254212	4254235	+	2	24	GTG	TGA	0	0	
mORF_+_4254236	4254236	4254247	+	2	12	ATG	TAG	0	0	
mORF_+_4254260	4254260	4254466	+	2	207	GTG	TAG	0	0	
mORF_+_4254301	4254301	4254357	+	1	57	ATG	TAA	0	0	
mORF_+_4254303	4254303	4254368	+	3	66	GTG	TAA	0	0	
mORF_+_4254369	4254369	4254419	+	3	51	TTG	TAG	0	0	
mORF_+_4254444	4254444	4254491	+	3	48	ATG	TAA	0	0	
mORF_+_4254495	4254495	4254500	+	3	6	ATG	TAA	0	0	
mORF_+_4254516	4254516	4254626	+	3	111	ATG	TGA	0	0	
mORF_+_4254548	4254548	4254646	+	2	99	ATG	TAA	0	0	
mORF_+_4254660	4254660	4255028	+	3	369	ATG	TAA	1	3	pORF_+_4254660
mORF_+_4254734	4254734	4254880	+	2	147	ATG	TAG	0	0	
mORF_+_4254808	4254808	4254849	+	1	42	ATG	TGA	0	0	
mORF_+_4254862	4254862	4254969	+	1	108	TTG	TGA	0	0	
mORF_+_4254970	4254970	4254990	+	1	21	TTG	TGA	0	0	
mORF_+_4254998	4254998	4255141	+	2	144	GTG	TGA	0	0	
mORF_+_4255021	4255021	4255047	+	1	27	TTG	TAA	0	0	
mORF_+_4255060	4255060	4255113	+	1	54	TTG	TAA	0	0	
mORF_+_4255062	4255062	4255175	+	3	114	GTG	TGA	0	0	
mORF_+_4255138	4255138	4255746	+	1	609	ATG	TAA	18	110	pORF_+_4255138
mORF_+_4255172	4255172	4255279	+	2	108	TTG	TGA	0	0	
mORF_+_4255304	4255304	4255375	+	2	72	TTG	TAG	0	0	
mORF_+_4255379	4255379	4255498	+	2	120	GTG	TGA	0	0	

mORF_+_4255517	4255517	4255612	+	2	96	ATG	TGA	0	0	
mORF_+_4255667	4255667	4255873	+	2	207	TTG	TGA	0	0	
mORF_+_4255765	4255765	4257144	+	1	1380	ATG	TGA	0	0	
mORF_+_4255785	4255785	4255841	+	3	57	TTG	TGA	0	0	
mORF_+_4255925	4255925	4256020	+	2	96	TTG	TGA	0	0	
mORF_+_4256048	4256048	4256074	+	2	27	ATG	TAG	0	0	
mORF_+_4256126	4256126	4256230	+	2	105	TTG	TAA	0	0	
mORF_+_4256268	4256268	4256450	+	3	183	TTG	TAA	0	0	
mORF_+_4256288	4256288	4256305	+	2	18	ATG	TAA	0	0	
mORF_+_4256336	4256336	4256359	+	2	24	TTG	TGA	0	0	
mORF_+_4256405	4256405	4256428	+	2	24	TTG	TGA	0	0	
mORF_+_4256429	4256429	4256440	+	2	12	TTG	TAA	0	0	
mORF_+_4256591	4256591	4256638	+	2	48	TTG	TGA	0	0	
mORF_+_4256663	4256663	4256782	+	2	120	ATG	TAG	0	0	
mORF_+_4256760	4256760	4256870	+	3	111	GTG	TGA	0	0	
mORF_+_4256828	4256828	4256839	+	2	12	TTG	TGA	0	0	
mORF_+_4256906	4256906	4256944	+	2	39	TTG	TAG	0	0	
mORF_+_4256916	4256916	4256972	+	3	57	GTG	TAA	0	0	
mORF_+_4256954	4256954	4257007	+	2	54	GTG	TGA	0	0	
mORF_+_4257024	4257024	4257035	+	3	12	GTG	TAA	0	0	
mORF_+_4257038	4257038	4257058	+	2	21	ATG	TAA	0	0	
mORF_+_4257045	4257045	4257164	+	3	120	GTG	TAA	0	0	
mORF_+_4257119	4257119	4257151	+	2	33	ATG	TAA	0	0	
mORF_+_4257181	4257181	4257243	+	1	63	TTG	TAA	0	0	
mORF_+_4257246	4257246	4257257	+	3	12	ATG	TGA	0	0	
mORF_+_4257254	4257254	4257469	+	2	216	TTG	TAA	13	36	pORF_+_4257254
mORF_+_4257270	4257270	4257311	+	3	42	ATG	TGA	0	0	
mORF_+_4257319	4257319	4257339	+	1	21	ATG	TGA	0	0	
mORF_+_4257336	4257336	4257347	+	3	12	ATG	TGA	0	0	
mORF_+_4257354	4257354	4257473	+	3	120	TTG	TAA	0	0	
mORF_+_4257439	4257439	4257456	+	1	18	TTG	TGA	0	0	
mORF_+_4257489	4257489	4257668	+	3	180	GTG	TAA	0	0	
mORF_+_4257499	4257499	4257735	+	1	237	ATG	TGA	0	0	
mORF_+_4257668	4257668	4257751	+	2	84	ATG	TGA	0	0	
mORF_+_4257739	4257739	4257879	+	1	141	ATG	TAA	0	0	
mORF_+_4257779	4257779	4257838	+	2	60	TTG	TAA	0	0	
mORF_+_4257843	4257843	4257902	+	3	60	TTG	TGA	0	0	
mORF_+_4257851	4257851	4257895	+	2	45	TTG	TAA	0	0	
mORF_+_4257948	4257948	4258175	+	3	228	GTG	TAA	0	0	
mORF_+_4258013	4258013	4258135	+	2	123	GTG	TAA	0	0	
mORF_+_4258069	4258069	4258110	+	1	42	ATG	TAA	0	0	
mORF_+_4258126	4258126	4258131	+	1	6	TTG	TAG	0	0	
mORF_+_4258142	4258142	4258231	+	2	90	ATG	TAA	0	0	
mORF_+_4258150	4258150	4258182	+	1	33	TTG	TAA	0	0	
mORF_+_4258266	4258266	4258280	+	3	15	ATG	TGA	0	0	
mORF_+_4258277	4258277	4258336	+	2	60	TTG	TAG	0	0	
mORF_+_4258291	4258291	4258308	+	1	18	ATG	TAA	0	0	
mORF_+_4258337	4258337	4258381	+	2	45	ATG	TAA	0	0	
mORF_+_4258344	4258344	4258598	+	3	255	ATG	TAA	0	0	
mORF_+_4258363	4258363	4258437	+	1	75	GTG	TAG	0	0	
mORF_+_4258477	4258477	4258521	+	1	45	ATG	TAA	0	0	
mORF_+_4258525	4258525	4258536	+	1	12	TTG	TAG	0	0	
mORF_+_4258568	4258568	4258582	+	2	15	ATG	TAA	0	0	
mORF_+_4258573	4258573	4258614	+	1	42	ATG	TGA	0	0	
mORF_+_4258589	4258589	4259329	+	2	741	GTG	TAA	0	0	
mORF_+_4258599	4258599	4258610	+	3	12	TTG	TAA	0	0	
mORF_+_4258611	4258611	4258667	+	3	57	ATG	TAA	0	0	
mORF_+_4258624	4258624	4258635	+	1	12	GTG	TAA	0	0	
mORF_+_4258648	4258648	4258656	+	1	9	TTG	TGA	0	0	
mORF_+_4258674	4258674	4258790	+	3	117	GTG	TAG	0	0	
mORF_+_4258732	4258732	4258737	+	1	6	ATG	TAA	0	0	
mORF_+_4258774	4258774	4258785	+	1	12	ATG	TGA	0	0	
mORF_+_4258800	4258800	4258859	+	3	60	ATG	TAG	0	0	

mORF_+_4258902	4258902	4258940	+	3	39	TTG	TAA	0	0	
mORF_+_4258947	4258947	4258961	+	3	15	TTG	TAA	0	0	
mORF_+_4258980	4258980	4259039	+	3	60	GTG	TGA	0	0	
mORF_+_4259049	4259049	4259075	+	3	27	TTG	TGA	0	0	
mORF_+_4259109	4259109	4259123	+	3	15	ATG	TGA	0	0	
mORF_+_4259127	4259127	4259162	+	3	36	TTG	TGA	0	0	
mORF_+_4259163	4259163	4259192	+	3	30	ATG	TAA	0	0	
mORF_+_4259205	4259205	4259222	+	3	18	ATG	TAA	0	0	
mORF_+_4259241	4259241	4259294	+	3	54	TTG	TAA	0	0	
mORF_+_4259298	4259298	4259336	+	3	39	ATG	TGA	0	0	
mORF_+_4259333	4259333	4259368	+	2	36	GTG	TAA	0	0	
mORF_+_4259385	4259385	4259510	+	3	126	TTG	TAA	0	0	
mORF_+_4259444	4259444	4259449	+	2	6	GTG	TGA	0	0	
mORF_+_4259446	4259446	4259535	+	1	90	GTG	TGA	0	0	
mORF_+_4259532	4259532	4259621	+	3	90	GTG	TGA	0	0	
mORF_+_4259543	4259543	4259551	+	2	9	ATG	TGA	0	0	
mORF_+_4259548	4259548	4259607	+	1	60	TTG	TAG	0	0	
mORF_+_4259570	4259570	4259578	+	2	9	TTG	TGA	0	0	
mORF_+_4259594	4259594	4259647	+	2	54	TTG	TAA	0	0	
mORF_+_4259634	4259634	4259660	+	3	27	GTG	TGA	0	0	
mORF_+_4259657	4259657	4259671	+	2	15	ATG	TAA	0	0	
mORF_+_4259686	4259686	4260729	+	1	1044	TTG	TAA	18	45	pORF_+_4259686
mORF_+_4259765	4259765	4259869	+	2	105	GTG	TGA	0	0	
mORF_+_4259811	4259811	4259894	+	3	84	TTG	TAA	0	0	
mORF_+_4259897	4259897	4259935	+	2	39	GTG	TAG	0	0	
mORF_+_4259976	4259976	4260008	+	3	33	GTG	TGA	0	0	
mORF_+_4259978	4259978	4260022	+	2	45	GTG	TGA	0	0	
mORF_+_4260023	4260023	4260076	+	2	54	ATG	TGA	0	0	
mORF_+_4260069	4260069	4260083	+	3	15	GTG	TAA	0	0	
mORF_+_4260083	4260083	4260109	+	2	27	ATG	TGA	0	0	
mORF_+_4260122	4260122	4260142	+	2	21	ATG	TGA	0	0	
mORF_+_4260158	4260158	4260277	+	2	120	TTG	TAA	0	0	
mORF_+_4260228	4260228	4260233	+	3	6	GTG	TGA	0	0	
mORF_+_4260293	4260293	4260334	+	2	42	GTG	TGA	0	0	
mORF_+_4260338	4260338	4260355	+	2	18	GTG	TGA	0	0	
mORF_+_4260371	4260371	4260427	+	2	57	GTG	TGA	0	0	
mORF_+_4260488	4260488	4260526	+	2	39	TTG	TAG	0	0	
mORF_+_4260548	4260548	4260652	+	2	105	TTG	TAA	0	0	
mORF_+_4260636	4260636	4260656	+	3	21	GTG	TGA	0	0	
mORF_+_4260653	4260653	4261105	+	2	453	GTG	TAA	0	0	
mORF_+_4260786	4260786	4260803	+	3	18	TTG	TAG	0	0	
mORF_+_4260811	4260811	4260819	+	1	9	TTG	TGA	0	0	
mORF_+_4260816	4260816	4260884	+	3	69	ATG	TGA	0	0	
mORF_+_4260823	4260823	4260828	+	1	6	TTG	TAA	0	0	
mORF_+_4260850	4260850	4260999	+	1	150	TTG	TAA	0	0	
mORF_+_4260885	4260885	4260905	+	3	21	TTG	TGA	0	0	
mORF_+_4260948	4260948	4260992	+	3	45	TTG	TGA	0	0	
mORF_+_4261009	4261009	4261047	+	1	39	GTG	TAA	0	0	
mORF_+_4261026	4261026	4261121	+	3	96	TTG	TGA	0	0	
mORF_+_4261112	4261112	4261132	+	2	21	GTG	TAA	0	0	
mORF_+_4261160	4261160	4261234	+	2	75	TTG	TAA	0	0	
mORF_+_4261182	4261182	4261193	+	3	12	TTG	TAA	0	0	
mORF_+_4261204	4261204	4261380	+	1	177	GTG	TAA	0	0	
mORF_+_4261253	4261253	4261429	+	2	177	GTG	TAA	0	0	
mORF_+_4261440	4261440	4261451	+	3	12	GTG	TAG	0	0	
mORF_+_4261454	4261454	4261507	+	2	54	TTG	TAA	0	0	
mORF_+_4261468	4261468	4261497	+	1	30	GTG	TGA	0	0	
mORF_+_4261494	4261494	4261682	+	3	189	TTG	TAG	0	0	
mORF_+_4261531	4261531	4261548	+	1	18	ATG	TGA	0	0	
mORF_+_4261565	4261565	4261654	+	2	90	TTG	TAA	0	0	
mORF_+_4261727	4261727	4261792	+	2	66	TTG	TAA	0	0	
mORF_+_4261743	4261743	4261850	+	3	108	GTG	TAG	0	0	
mORF_+_4261771	4261771	4261842	+	1	72	TTG	TAA	0	0	

mORF_+_4261814	4261814	4261879	+	2	66	GTG	TAA	0	0	
mORF_+_4261854	4261854	4261868	+	3	15	TTG	TAA	0	0	
mORF_+_4261894	4261894	4261953	+	1	60	ATG	TAA	0	0	
mORF_+_4261904	4261904	4261981	+	2	78	TTG	TAA	0	0	
mORF_+_4261953	4261953	4261973	+	3	21	ATG	TAA	0	0	
mORF_+_4262021	4262021	4262074	+	2	54	ATG	TAA	0	0	
mORF_+_4262052	4262052	4262102	+	3	51	ATG	TAA	0	0	
mORF_+_4262089	4262089	4262130	+	1	42	ATG	TAA	0	0	
mORF_+_4262121	4262121	4262207	+	3	87	GTG	TGA	0	0	
mORF_+_4262204	4262204	4262350	+	2	147	TTG	TAA	0	0	
mORF_+_4262229	4262229	4262234	+	3	6	TTG	TGA	0	0	
mORF_+_4262245	4262245	4262325	+	1	81	GTG	TAA	0	0	
mORF_+_4262253	4262253	4262294	+	3	42	ATG	TGA	0	0	
mORF_+_4262337	4262337	4263752	+	3	1416	ATG	TAA	13	78	pORF_+_4262337
mORF_+_4262398	4262398	4262409	+	1	12	TTG	TGA	0	0	
mORF_+_4262482	4262482	4262490	+	1	9	ATG	TAG	0	0	
mORF_+_4262497	4262497	4262505	+	1	9	GTG	TAG	0	0	
mORF_+_4262596	4262596	4262742	+	1	147	TTG	TGA	0	0	
mORF_+_4262749	4262749	4262958	+	1	210	TTG	TAA	0	0	
mORF_+_4262968	4262968	4263015	+	1	48	ATG	TGA	0	0	
mORF_+_4263055	4263055	4263063	+	1	9	TTG	TGA	0	0	
mORF_+_4263172	4263172	4263291	+	1	120	TTG	TGA	0	0	
mORF_+_4263325	4263325	4263360	+	1	36	TTG	TGA	0	0	
mORF_+_4263418	4263418	4263441	+	1	24	TTG	TGA	0	0	
mORF_+_4263511	4263511	4263579	+	1	69	GTG	TGA	0	0	
mORF_+_4263595	4263595	4263627	+	1	33	GTG	TAA	0	0	
mORF_+_4263704	4263704	4263766	+	2	63	ATG	TGA	0	0	
mORF_+_4263724	4263724	4263771	+	1	48	ATG	TAG	0	0	
mORF_+_4263805	4263805	4264884	+	1	1080	ATG	TAA	6	15	pORF_+_4263805
mORF_+_4263821	4263821	4263826	+	2	6	TTG	TGA	0	0	
mORF_+_4263866	4263866	4263904	+	2	39	GTG	TGA	0	0	
mORF_+_4263917	4263917	4263976	+	2	60	ATG	TAG	0	0	
mORF_+_4264004	4264004	4264168	+	2	165	GTG	TGA	0	0	
mORF_+_4264242	4264242	4264298	+	3	57	GTG	TGA	0	0	
mORF_+_4264283	4264283	4264507	+	2	225	TTG	TGA	0	0	
mORF_+_4264305	4264305	4264340	+	3	36	ATG	TAA	0	0	
mORF_+_4264347	4264347	4264421	+	3	75	TTG	TGA	0	0	
mORF_+_4264529	4264529	4264585	+	2	57	TTG	TAA	0	0	
mORF_+_4264592	4264592	4264612	+	2	21	GTG	TAG	0	0	
mORF_+_4264625	4264625	4264675	+	2	51	ATG	TGA	0	0	
mORF_+_4264694	4264694	4264720	+	2	27	TTG	TGA	0	0	
mORF_+_4264776	4264776	4264811	+	3	36	ATG	TGA	0	0	
mORF_+_4264899	4264899	4264946	+	3	48	TTG	TAA	0	0	
mORF_+_4264903	4264903	4264926	+	1	24	TTG	TGA	0	0	
mORF_+_4264916	4264916	4264954	+	2	39	ATG	TAA	0	0	
mORF_+_4264927	4264927	4264965	+	1	39	ATG	TAA	0	0	
mORF_+_4264967	4264967	4265026	+	2	60	TTG	TGA	0	0	
mORF_+_4264980	4264980	4264991	+	3	12	ATG	TAA	0	0	
mORF_+_4265010	4265010	4265105	+	3	96	ATG	TAA	0	0	
mORF_+_4265023	4265023	4265061	+	1	39	ATG	TGA	0	0	
mORF_+_4265045	4265045	4265119	+	2	75	TTG	TAA	0	0	
mORF_+_4265095	4265095	4266330	+	1	1236	TTG	TAA	54	368	pORF_+_4265095
mORF_+_4265150	4265150	4265224	+	2	75	TTG	TGA	0	0	
mORF_+_4265306	4265306	4265410	+	2	105	ATG	TGA	0	0	
mORF_+_4265441	4265441	4265461	+	2	21	TTG	TGA	0	0	
mORF_+_4265588	4265588	4265638	+	2	51	ATG	TGA	0	0	
mORF_+_4265660	4265660	4265731	+	2	72	TTG	TGA	0	0	
mORF_+_4265676	4265676	4265711	+	3	36	ATG	TAA	0	0	
mORF_+_4265718	4265718	4265735	+	3	18	GTG	TGA	0	0	
mORF_+_4265732	4265732	4265860	+	2	129	TTG	TGA	0	0	
mORF_+_4265922	4265922	4265927	+	3	6	GTG	TGA	0	0	
mORF_+_4265924	4265924	4265965	+	2	42	GTG	TGA	0	0	
mORF_+_4266005	4266005	4266034	+	2	30	TTG	TGA	0	0	

mORF_+_4266035	4266035	4266049	+	2	15	ATG	TGA	0	0	
mORF_+_4266200	4266200	4266280	+	2	81	GTG	TAA	0	0	
mORF_+_4266264	4266264	4266368	+	3	105	GTG	TGA	0	0	
mORF_+_4266290	4266290	4266325	+	2	36	ATG	TGA	0	0	
mORF_+_4266365	4266365	4266442	+	2	78	GTG	TAA	0	0	
mORF_+_4266405	4266405	4266455	+	3	51	ATG	TAG	0	0	
mORF_+_4266449	4266449	4266628	+	2	180	TTG	TGA	0	0	
mORF_+_4266513	4266513	4266521	+	3	9	GTG	TAA	0	0	
mORF_+_4266571	4266571	4266582	+	1	12	TTG	TAG	0	0	
mORF_+_4266606	4266606	4266665	+	3	60	ATG	TAA	0	0	
mORF_+_4266619	4266619	4266636	+	1	18	TTG	TGA	0	0	
mORF_+_4266665	4266665	4266733	+	2	69	ATG	TAA	0	0	
mORF_+_4266694	4266694	4266699	+	1	6	GTG	TAA	0	0	
mORF_+_4266746	4266746	4266835	+	2	90	ATG	TAA	0	0	
mORF_+_4266789	4266789	4266851	+	3	63	GTG	TGA	0	0	
mORF_+_4266844	4266844	4266870	+	1	27	ATG	TAG	0	0	
mORF_+_4266848	4266848	4266877	+	2	30	GTG	TGA	0	0	
mORF_+_4266874	4266874	4266897	+	1	24	TTG	TAA	0	0	
mORF_+_4266906	4266906	4267058	+	3	153	TTG	TAA	0	0	
mORF_+_4266929	4266929	4266955	+	2	27	ATG	TAA	0	0	
mORF_+_4267007	4267007	4267084	+	2	78	TTG	TAG	0	0	
mORF_+_4267074	4267074	4267079	+	3	6	TTG	TAG	0	0	
mORF_+_4267123	4267123	4267134	+	1	12	TTG	TAA	0	0	
mORF_+_4267134	4267134	4267148	+	3	15	ATG	TAA	0	0	
mORF_+_4267174	4267174	4267251	+	1	78	ATG	TAA	0	0	
mORF_+_4267197	4267197	4268150	+	3	954	TTG	TGA	5	60	pORF_+_4267197
mORF_+_4267367	4267367	4267402	+	2	36	ATG	TAA	0	0	
mORF_+_4267375	4267375	4267428	+	1	54	ATG	TAG	0	0	
mORF_+_4267462	4267462	4267488	+	1	27	GTG	TAA	0	0	
mORF_+_4267469	4267469	4267531	+	2	63	TTG	TAA	0	0	
mORF_+_4267501	4267501	4267725	+	1	225	TTG	TGA	0	0	
mORF_+_4267577	4267577	4267600	+	2	24	TTG	TGA	0	0	
mORF_+_4267756	4267756	4267803	+	1	48	ATG	TGA	0	0	
mORF_+_4267804	4267804	4267845	+	1	42	TTG	TGA	0	0	
mORF_+_4267936	4267936	4268130	+	1	195	TTG	TGA	0	0	
mORF_+_4267973	4267973	4267987	+	2	15	ATG	TAA	0	0	
mORF_+_4268165	4268165	4268194	+	2	30	GTG	TAA	0	0	
mORF_+_4268219	4268219	4268236	+	2	18	TTG	TAA	0	0	
mORF_+_4268261	4268261	4268677	+	2	417	ATG	TAA	1	3	pORF_+_4268261
mORF_+_4268263	4268263	4268289	+	1	27	GTG	TAG	0	0	
mORF_+_4268301	4268301	4268318	+	3	18	GTG	TAA	0	0	
mORF_+_4268322	4268322	4268333	+	3	12	ATG	TGA	0	0	
mORF_+_4268415	4268415	4268684	+	3	270	ATG	TGA	0	0	
mORF_+_4268611	4268611	4268745	+	1	135	TTG	TAA	0	0	
mORF_+_4268681	4268681	4269037	+	2	357	ATG	TGA	2	6	pORF_+_4268681
mORF_+_4268745	4268745	4268798	+	3	54	ATG	TGA	0	0	
mORF_+_4268877	4268877	4268900	+	3	24	ATG	TGA	0	0	
mORF_+_4268970	4268970	4268993	+	3	24	ATG	TGA	0	0	
mORF_+_4269095	4269095	4269211	+	2	117	GTG	TGA	0	0	
mORF_+_4269100	4269100	4269255	+	1	156	GTG	TGA	0	0	
mORF_+_4269102	4269102	4269107	+	3	6	GTG	TGA	0	0	
mORF_+_4269225	4269225	4269362	+	3	138	GTG	TGA	0	0	
mORF_+_4269313	4269313	4269585	+	1	273	GTG	TAG	0	0	
mORF_+_4269359	4269359	4269562	+	2	204	TTG	TAA	0	0	
mORF_+_4269462	4269462	4269971	+	3	510	TTG	TGA	0	0	
mORF_+_4269595	4269595	4269618	+	1	24	TTG	TAG	0	0	
mORF_+_4269646	4269646	4269666	+	1	21	TTG	TGA	0	0	
mORF_+_4269803	4269803	4269946	+	2	144	GTG	TAA	0	0	
mORF_+_4269895	4269895	4270197	+	1	303	ATG	TGA	0	0	
mORF_+_4270040	4270040	4270156	+	2	117	GTG	TAA	0	0	
mORF_+_4270194	4270194	4270706	+	3	513	GTG	TAA	0	0	
mORF_+_4270216	4270216	4270467	+	1	252	ATG	TAA	0	0	
mORF_+_4270244	4270244	4270303	+	2	60	TTG	TAA	0	0	

mORF_+_4270418	4270418	4270483	+	2	66	GTG	TAA	0	0	
mORF_+_4270555	4270555	4270584	+	1	30	TTG	TGA	0	0	
mORF_+_4270588	4270588	4270743	+	1	156	ATG	TAG	0	0	
mORF_+_4270758	4270758	4271237	+	3	480	ATG	TGA	0	0	
mORF_+_4270789	4270789	4270914	+	1	126	ATG	TAG	0	0	
mORF_+_4270954	4270954	4271124	+	1	171	TTG	TAG	0	0	
mORF_+_4271132	4271132	4271257	+	2	126	TTG	TAA	0	0	
mORF_+_4271146	4271146	4271376	+	1	231	TTG	TAG	0	0	
mORF_+_4271250	4271250	4271447	+	3	198	TTG	TAG	0	0	
mORF_+_4271324	4271324	4271431	+	2	108	TTG	TAA	0	0	
mORF_+_4271404	4271404	4271577	+	1	174	TTG	TAG	0	0	
mORF_+_4271435	4271435	4271500	+	2	66	TTG	TGA	0	0	
mORF_+_4271505	4271505	4271564	+	3	60	TTG	TAA	0	0	
mORF_+_4271580	4271580	4271645	+	3	66	GTG	TGA	0	0	
mORF_+_4271590	4271590	4271622	+	1	33	GTG	TGA	0	0	
mORF_+_4271594	4271594	4271608	+	2	15	TTG	TAG	0	0	
mORF_+_4271642	4271642	4271818	+	2	177	TTG	TGA	0	0	
mORF_+_4271647	4271647	4271673	+	1	27	ATG	TGA	0	0	
mORF_+_4271670	4271670	4271699	+	3	30	ATG	TGA	0	0	
mORF_+_4271764	4271764	4272027	+	1	264	GTG	TAA	0	0	
mORF_+_4271859	4271859	4271912	+	3	54	ATG	TAA	0	0	
mORF_+_4271921	4271921	4271962	+	2	42	TTG	TAA	0	0	
mORF_+_4271928	4271928	4271978	+	3	51	GTG	TGA	0	0	
mORF_+_4271975	4271975	4271983	+	2	9	TTG	TGA	0	0	
mORF_+_4271984	4271984	4272073	+	2	90	ATG	TAG	0	0	
mORF_+_4272003	4272003	4272188	+	3	186	ATG	TAA	0	0	
mORF_+_4272085	4272085	4272684	+	1	600	TTG	TGA	24	588	pORF_+_4272085
mORF_+_4272182	4272182	4272295	+	2	114	TTG	TGA	0	0	
mORF_+_4272309	4272309	4272368	+	3	60	ATG	TAA	0	0	
mORF_+_4272320	4272320	4272460	+	2	141	TTG	TGA	0	0	
mORF_+_4272411	4272411	4272644	+	3	234	ATG	TAA	0	0	
mORF_+_4272464	4272464	4272703	+	2	240	TTG	TAG	0	0	
mORF_+_4272710	4272710	4272718	+	2	9	TTG	TAA	0	0	
mORF_+_4272720	4272720	4272731	+	3	12	GTG	TAA	0	0	
mORF_+_4272724	4272724	4272819	+	1	96	ATG	TGA	0	0	
mORF_+_4272797	4272797	4272862	+	2	66	TTG	TAG	0	0	
mORF_+_4272804	4272804	4273169	+	3	366	TTG	TGA	0	0	
mORF_+_4272847	4272847	4272960	+	1	114	ATG	TAA	0	0	
mORF_+_4272878	4272878	4272883	+	2	6	TTG	TGA	0	0	
mORF_+_4272899	4272899	4272940	+	2	42	TTG	TGA	0	0	
mORF_+_4272979	4272979	4273080	+	1	102	ATG	TGA	0	0	
mORF_+_4272986	4272986	4273018	+	2	33	GTG	TAA	0	0	
mORF_+_4273090	4273090	4273191	+	1	102	ATG	TAA	0	0	
mORF_+_4273151	4273151	4273285	+	2	135	TTG	TAA	0	0	
mORF_+_4273194	4273194	4273199	+	3	6	TTG	TGA	0	0	
mORF_+_4273212	4273212	4273226	+	3	15	TTG	TAG	0	0	
mORF_+_4273216	4273216	4273242	+	1	27	TTG	TGA	0	0	
mORF_+_4273239	4273239	4273328	+	3	90	GTG	TAA	0	0	
mORF_+_4273249	4273249	4273320	+	1	72	TTG	TAG	0	0	
mORF_+_4273331	4273331	4273363	+	2	33	TTG	TGA	0	0	
mORF_+_4273341	4273341	4273370	+	3	30	ATG	TAG	0	0	
mORF_+_4273360	4273360	4273416	+	1	57	GTG	TAA	0	0	
mORF_+_4273454	4273454	4273612	+	2	159	TTG	TAA	0	0	
mORF_+_4273459	4273459	4273488	+	1	30	ATG	TGA	0	0	
mORF_+_4273485	4273485	4275080	+	3	1596	TTG	TAA	0	0	
mORF_+_4273504	4273504	4273548	+	1	45	GTG	TAG	0	0	
mORF_+_4273579	4273579	4273608	+	1	30	TTG	TGA	0	0	
mORF_+_4273627	4273627	4273680	+	1	54	TTG	TAG	0	0	
mORF_+_4273687	4273687	4273746	+	1	60	ATG	TGA	0	0	
mORF_+_4273715	4273715	4273774	+	2	60	TTG	TAA	0	0	
mORF_+_4273756	4273756	4273782	+	1	27	GTG	TGA	0	0	
mORF_+_4273786	4273786	4273821	+	1	36	ATG	TGA	0	0	
mORF_+_4273808	4273808	4273864	+	2	57	ATG	TAA	0	0	

mORF_+_4273846	4273846	4273929	+	1	84	TTG	TGA	0	0	
mORF_+_4273951	4273951	4273989	+	1	39	ATG	TGA	0	0	
mORF_+_4273996	4273996	4274034	+	1	39	ATG	TGA	0	0	
mORF_+_4274012	4274012	4274026	+	2	15	ATG	TGA	0	0	
mORF_+_4274122	4274122	4274202	+	1	81	ATG	TAA	0	0	
mORF_+_4274227	4274227	4274367	+	1	141	TTG	TAA	0	0	
mORF_+_4274345	4274345	4274401	+	2	57	TTG	TGA	0	0	
mORF_+_4274414	4274414	4274425	+	2	12	TTG	TGA	0	0	
mORF_+_4274422	4274422	4274439	+	1	18	GTG	TAA	0	0	
mORF_+_4274503	4274503	4274610	+	1	108	ATG	TGA	0	0	
mORF_+_4274668	4274668	4274676	+	1	9	TTG	TGA	0	0	
mORF_+_4274683	4274683	4274709	+	1	27	ATG	TGA	0	0	
mORF_+_4274755	4274755	4274805	+	1	51	TTG	TGA	0	0	
mORF_+_4274806	4274806	4274820	+	1	15	ATG	TGA	0	0	
mORF_+_4274836	4274836	4274850	+	1	15	TTG	TGA	0	0	
mORF_+_4274875	4274875	4274916	+	1	42	TTG	TAA	0	0	
mORF_+_4274984	4274984	4275229	+	2	246	TTG	TAA	0	0	
mORF_+_4275001	4275001	4275066	+	1	66	TTG	TAA	0	0	
mORF_+_4275111	4275111	4275164	+	3	54	GTG	TAA	0	0	
mORF_+_4275175	4275175	4275342	+	1	168	TTG	TAA	0	0	
mORF_+_4275201	4275201	4275251	+	3	51	GTG	TAA	0	0	
mORF_+_4275239	4275239	4275307	+	2	69	TTG	TGA	0	0	
mORF_+_4275276	4275276	4275311	+	3	36	GTG	TAG	0	0	
mORF_+_4275336	4275336	4275386	+	3	51	ATG	TGA	0	0	
mORF_+_4275356	4275356	4275439	+	2	84	ATG	TAA	0	0	
mORF_+_4275370	4275370	4275378	+	1	9	ATG	TAA	0	0	
mORF_+_4275424	4275424	4275483	+	1	60	GTG	TAA	0	0	
mORF_+_4275492	4275492	4275956	+	3	465	ATG	TAA	0	0	
mORF_+_4275556	4275556	4275600	+	1	45	GTG	TGA	0	0	
mORF_+_4275643	4275643	4275750	+	1	108	GTG	TAA	0	0	
mORF_+_4275751	4275751	4275819	+	1	69	GTG	TAG	0	0	
mORF_+_4275761	4275761	4275832	+	2	72	GTG	TGA	0	0	
mORF_+_4275829	4275829	4275909	+	1	81	GTG	TAG	0	0	
mORF_+_4275845	4275845	4275877	+	2	33	ATG	TGA	0	0	
mORF_+_4275878	4275878	4275892	+	2	15	TTG	TAA	0	0	
mORF_+_4275943	4275943	4276209	+	1	267	ATG	TAA	0	0	
mORF_+_4275993	4275993	4276088	+	3	96	TTG	TGA	0	0	
mORF_+_4276079	4276079	4276096	+	2	18	TTG	TAA	0	0	
mORF_+_4276097	4276097	4276129	+	2	33	TTG	TAA	0	0	
mORF_+_4276101	4276101	4276190	+	3	90	ATG	TGA	0	0	
mORF_+_4276220	4276220	4276309	+	2	90	TTG	TGA	0	0	
mORF_+_4276240	4276240	4276323	+	1	84	TTG	TGA	0	0	
mORF_+_4276251	4276251	4276280	+	3	30	TTG	TAA	0	0	
mORF_+_4276320	4276320	4276334	+	3	15	ATG	TAA	0	0	
mORF_+_4276339	4276339	4276377	+	1	39	TTG	TAA	0	0	
mORF_+_4276364	4276364	4276432	+	2	69	ATG	TAA	0	0	
mORF_+_4276390	4276390	4276470	+	1	81	TTG	TGA	0	0	
mORF_+_4276451	4276451	4276480	+	2	30	TTG	TAA	0	0	
mORF_+_4276467	4276467	4276601	+	3	135	TTG	TAA	0	0	
mORF_+_4276492	4276492	4276551	+	1	60	ATG	TAA	0	0	
mORF_+_4276502	4276502	4277851	+	2	1350	ATG	TAA	6	23	pORF_+_4276502
mORF_+_4276686	4276686	4276724	+	3	39	TTG	TGA	0	0	
mORF_+_4276732	4276732	4276740	+	1	9	GTG	TAA	0	0	
mORF_+_4276755	4276755	4276775	+	3	21	TTG	TGA	0	0	
mORF_+_4276759	4276759	4276818	+	1	60	TTG	TAG	0	0	
mORF_+_4276836	4276836	4276850	+	3	15	GTG	TGA	0	0	
mORF_+_4276854	4276854	4276871	+	3	18	GTG	TAA	0	0	
mORF_+_4276920	4276920	4276994	+	3	75	GTG	TGA	0	0	
mORF_+_4277007	4277007	4277054	+	3	48	TTG	TGA	0	0	
mORF_+_4277112	4277112	4277126	+	3	15	GTG	TGA	0	0	
mORF_+_4277145	4277145	4277156	+	3	12	TTG	TGA	0	0	
mORF_+_4277211	4277211	4277231	+	3	21	ATG	TGA	0	0	
mORF_+_4277232	4277232	4277261	+	3	30	TTG	TGA	0	0	

mORF_+_4277310	4277310	4277399	+	3	90	TTG	TGA	0	0	
mORF_+_4277439	4277439	4277507	+	3	69	GTG	TGA	0	0	
mORF_+_4277520	4277520	4277540	+	3	21	TTG	TGA	0	0	
mORF_+_4277580	4277580	4277600	+	3	21	ATG	TGA	0	0	
mORF_+_4277607	4277607	4277618	+	3	12	TTG	TGA	0	0	
mORF_+_4277646	4277646	4277702	+	3	57	TTG	TGA	0	0	
mORF_+_4277751	4277751	4277786	+	3	36	TTG	TGA	0	0	
mORF_+_4277773	4277773	4277919	+	1	147	ATG	TGA	0	0	
mORF_+_4277829	4277829	4277960	+	3	132	ATG	TAA	0	0	
mORF_+_4277876	4277876	4278160	+	2	285	GTG	TGA	0	0	
mORF_+_4278003	4278003	4279652	+	3	1650	ATG	TAA	7	13	pORF_+_4278003
mORF_+_4278067	4278067	4278177	+	1	111	GTG	TAG	0	0	
mORF_+_4278208	4278208	4278342	+	1	135	ATG	TGA	0	0	
mORF_+_4278352	4278352	4278462	+	1	111	TTG	TGA	0	0	
mORF_+_4278466	4278466	4278492	+	1	27	ATG	TGA	0	0	
mORF_+_4278496	4278496	4278504	+	1	9	TTG	TAG	0	0	
mORF_+_4278541	4278541	4278561	+	1	21	GTG	TGA	0	0	
mORF_+_4278571	4278571	4278600	+	1	30	TTG	TGA	0	0	
mORF_+_4278646	4278646	4278705	+	1	60	GTG	TGA	0	0	
mORF_+_4278706	4278706	4278759	+	1	54	TTG	TGA	0	0	
mORF_+_4278775	4278775	4278780	+	1	6	GTG	TGA	0	0	
mORF_+_4278787	4278787	4278873	+	1	87	GTG	TAG	0	0	
mORF_+_4278973	4278973	4278984	+	1	12	ATG	TGA	0	0	
mORF_+_4279007	4279007	4279168	+	2	162	GTG	TAA	0	0	
mORF_+_4279060	4279060	4279089	+	1	30	TTG	TGA	0	0	
mORF_+_4279111	4279111	4279245	+	1	135	GTG	TGA	0	0	
mORF_+_4279270	4279270	4279299	+	1	30	TTG	TGA	0	0	
mORF_+_4279312	4279312	4279635	+	1	324	TTG	TAA	0	0	
mORF_+_4279636	4279636	4279668	+	1	33	TTG	TAA	0	0	
mORF_+_4279694	4279694	4279723	+	2	30	GTG	TAG	0	0	
mORF_+_4279704	4279704	4279715	+	3	12	TTG	TAA	0	0	
mORF_+_4279739	4279739	4279825	+	2	87	ATG	TAA	0	0	
mORF_+_4279818	4279818	4279877	+	3	60	TTG	TGA	0	0	
mORF_+_4279874	4279874	4279945	+	2	72	GTG	TAA	0	0	
mORF_+_4279879	4279879	4279890	+	1	12	ATG	TGA	0	0	
mORF_+_4279887	4279887	4279922	+	3	36	ATG	TAG	0	0	
mORF_+_4279891	4279891	4280022	+	1	132	GTG	TAG	0	0	
mORF_+_4280048	4280048	4280068	+	2	21	TTG	TGA	0	0	
mORF_+_4280065	4280065	4280322	+	1	258	TTG	TAA	0	0	
mORF_+_4280070	4280070	4280084	+	3	15	ATG	TAA	0	0	
mORF_+_4280153	4280153	4280167	+	2	15	TTG	TAA	0	0	
mORF_+_4280207	4280207	4280224	+	2	18	TTG	TGA	0	0	
mORF_+_4280241	4280241	4280258	+	3	18	ATG	TAA	0	0	
mORF_+_4280303	4280303	4280383	+	2	81	ATG	TAA	0	0	
mORF_+_4280338	4280338	4280352	+	1	15	ATG	TAA	0	0	
mORF_+_4280386	4280386	4280412	+	1	27	TTG	TAG	0	0	
mORF_+_4280399	4280399	4280428	+	2	30	TTG	TAG	0	0	
mORF_+_4280415	4280415	4280438	+	3	24	TTG	TGA	0	0	
mORF_+_4280435	4280435	4280533	+	2	99	ATG	TAA	0	0	
mORF_+_4280521	4280521	4280562	+	1	42	ATG	TGA	0	0	
mORF_+_4280574	4280574	4280579	+	3	6	TTG	TAG	0	0	
mORF_+_4280602	4280602	4280661	+	1	60	TTG	TAA	0	0	
mORF_+_4280646	4280646	4280651	+	3	6	GTG	TGA	0	0	
mORF_+_4280648	4280648	4280692	+	2	45	GTG	TAG	0	0	
mORF_+_4280700	4280700	4280741	+	3	42	ATG	TGA	0	0	
mORF_+_4280707	4280707	4280766	+	1	60	GTG	TAA	0	0	
mORF_+_4280738	4280738	4280761	+	2	24	TTG	TAA	0	0	
mORF_+_4280801	4280801	4280824	+	2	24	TTG	TAA	0	0	
mORF_+_4280805	4280805	4280810	+	3	6	ATG	TGA	0	0	
mORF_+_4280832	4280832	4280870	+	3	39	ATG	TGA	0	0	
mORF_+_4280857	4280857	4280886	+	1	30	GTG	TAA	0	0	
mORF_+_4280870	4280870	4280941	+	2	72	ATG	TGA	0	0	
mORF_+_4280925	4280925	4280969	+	3	45	ATG	TAA	0	0	

mORF_+_4280938	4280938	4280982	+	1	45	TTG	TGA	0	0
mORF_+_4280979	4280979	4281002	+	3	24	ATG	TGA	0	0
mORF_+_4280986	4280986	4280994	+	1	9	TTG	TAA	0	0
mORF_+_4281005	4281005	4281034	+	2	30	TTG	TGA	0	0
mORF_+_4281018	4281018	4281023	+	3	6	ATG	TGA	0	0
mORF_+_4281031	4281031	4281093	+	1	63	GTG	TAG	0	0
mORF_+_4281039	4281039	4281083	+	3	45	GTG	TAA	0	0
mORF_+_4281185	4281185	4281202	+	2	18	ATG	TAA	0	0
mORF_+_4281195	4281195	4281368	+	3	174	TTG	TGA	0	0
mORF_+_4281217	4281217	4281279	+	1	63	GTG	TAA	0	0
mORF_+_4281377	4281377	4281415	+	2	39	TTG	TGA	0	0
mORF_+_4281394	4281394	4281462	+	1	69	ATG	TGA	0	0
mORF_+_4281459	4281459	4281713	+	3	255	GTG	TGA	0	0
mORF_+_4281553	4281553	4281651	+	1	99	GTG	TGA	0	0
mORF_+_4281703	4281703	4281891	+	1	189	GTG	TGA	0	0
mORF_+_4281710	4281710	4281751	+	2	42	TTG	TGA	0	0
mORF_+_4281771	4281771	4281845	+	3	75	ATG	TGA	0	0
mORF_+_4281785	4281785	4281826	+	2	42	ATG	TAG	0	0
mORF_+_4281888	4281888	4282616	+	3	729	GTG	TAA	0	0
mORF_+_4281901	4281901	4282002	+	1	102	ATG	TAG	0	0
mORF_+_4282021	4282021	4282029	+	1	9	GTG	TAG	0	0
mORF_+_4282043	4282043	4282063	+	2	21	GTG	TGA	0	0
mORF_+_4282084	4282084	4282383	+	1	300	ATG	TGA	0	0
mORF_+_4282531	4282531	4282536	+	1	6	GTG	TAG	0	0
mORF_+_4282576	4282576	4282611	+	1	36	ATG	TAA	0	0
mORF_+_4282661	4282661	4282717	+	2	57	ATG	TGA	0	0
mORF_+_4282714	4282714	4282737	+	1	24	GTG	TAG	0	0
mORF_+_4282763	4282763	4282780	+	2	18	TTG	TAA	0	0
mORF_+_4282780	4282780	4282959	+	1	180	ATG	TAA	0	0
mORF_+_4282835	4282835	4282861	+	2	27	TTG	TAA	0	0
mORF_+_4282892	4282892	4282927	+	2	36	GTG	TGA	0	0
mORF_+_4282931	4282931	4283113	+	2	183	TTG	TAA	0	0
mORF_+_4282989	4282989	4282994	+	3	6	ATG	TAG	0	0
mORF_+_4283001	4283001	4283129	+	3	129	GTG	TAA	0	0
mORF_+_4283038	4283038	4283055	+	1	18	TTG	TGA	0	0
mORF_+_4283154	4283154	4283219	+	3	66	ATG	TGA	0	0
mORF_+_4283168	4283168	4283185	+	2	18	TTG	TAA	0	0
mORF_+_4283195	4283195	4283371	+	2	177	ATG	TGA	0	0
mORF_+_4283226	4283226	4283261	+	3	36	GTG	TAG	0	0
mORF_+_4283265	4283265	4283273	+	3	9	TTG	TAA	0	0
mORF_+_4283287	4283287	4283301	+	1	15	ATG	TAA	0	0
mORF_+_4283316	4283316	4283681	+	3	366	TTG	TGA	0	0
mORF_+_4283323	4283323	4283328	+	1	6	ATG	TAG	0	0
mORF_+_4283371	4283371	4283697	+	1	327	ATG	TGA	0	0
mORF_+_4283429	4283429	4283455	+	2	27	TTG	TAG	0	0
mORF_+_4283678	4283678	4283701	+	2	24	GTG	TAA	0	0
mORF_+_4283694	4283694	4284857	+	3	1164	GTG	TGA	0	0
mORF_+_4283704	4283704	4283712	+	1	9	GTG	TAG	0	0
mORF_+_4283737	4283737	4283823	+	1	87	TTG	TGA	0	0
mORF_+_4283917	4283917	4283934	+	1	18	TTG	TAG	0	0
mORF_+_4283995	4283995	4284333	+	1	339	GTG	TAG	0	0
mORF_+_4284080	4284080	4284109	+	2	30	GTG	TAG	0	0
mORF_+_4284227	4284227	4284343	+	2	117	TTG	TGA	0	0
mORF_+_4284340	4284340	4284348	+	1	9	TTG	TGA	0	0
mORF_+_4284352	4284352	4284453	+	1	102	TTG	TAA	0	0
mORF_+_4284484	4284484	4284495	+	1	12	GTG	TAG	0	0
mORF_+_4284581	4284581	4284595	+	2	15	TTG	TAG	0	0
mORF_+_4284604	4284604	4284609	+	1	6	GTG	TAG	0	0
mORF_+_4284760	4284760	4284984	+	1	225	GTG	TAA	0	0
mORF_+_4284854	4284854	4284871	+	2	18	GTG	TAA	0	0
mORF_+_4284918	4284918	4285421	+	3	504	ATG	TAA	0	0
mORF_+_4285009	4285009	4285068	+	1	60	ATG	TAG	0	0
mORF_+_4285078	4285078	4285242	+	1	165	TTG	TAA	0	0

mORF_+_4285157	4285157	4285195	+	2	39	TTG	TAA	0	0	
mORF_+_4285246	4285246	4285311	+	1	66	TTG	TGA	0	0	
mORF_+_4285357	4285357	4285383	+	1	27	ATG	TGA	0	0	
mORF_+_4285393	4285393	4285413	+	1	21	ATG	TAG	0	0	
mORF_+_4285415	4285415	4285471	+	2	57	ATG	TAG	0	0	
mORF_+_4285426	4285426	4285443	+	1	18	ATG	TAA	0	0	
mORF_+_4285428	4285428	4285436	+	3	9	GTG	TAA	0	0	
mORF_+_4285444	4285444	4285449	+	1	6	ATG	TAG	0	0	
mORF_+_4285455	4285455	4285514	+	3	60	TTG	TAA	0	0	
mORF_+_4285475	4285475	4285690	+	2	216	TTG	TAG	0	0	
mORF_+_4285530	4285530	4285553	+	3	24	TTG	TGA	0	0	
mORF_+_4285579	4285579	4285614	+	1	36	ATG	TAA	0	0	
mORF_+_4285668	4285668	4285790	+	3	123	GTG	TGA	0	0	
mORF_+_4285678	4285678	4285716	+	1	39	TTG	TAG	0	0	
mORF_+_4285700	4285700	4285708	+	2	9	ATG	TGA	0	0	
mORF_+_4285717	4285717	4285734	+	1	18	GTG	TGA	0	0	
mORF_+_4285754	4285754	4287223	+	2	1470	TTG	TAA	2	4	pORF_+_4285754
mORF_+_4285762	4285762	4285779	+	1	18	ATG	TGA	0	0	
mORF_+_4285911	4285911	4286015	+	3	105	ATG	TGA	0	0	
mORF_+_4286020	4286020	4286094	+	1	75	GTG	TGA	0	0	
mORF_+_4286061	4286061	4286081	+	3	21	GTG	TGA	0	0	
mORF_+_4286085	4286085	4286186	+	3	102	ATG	TGA	0	0	
mORF_+_4286149	4286149	4286163	+	1	15	ATG	TAA	0	0	
mORF_+_4286205	4286205	4286261	+	3	57	ATG	TAG	0	0	
mORF_+_4286224	4286224	4286280	+	1	57	ATG	TAA	0	0	
mORF_+_4286265	4286265	4286321	+	3	57	GTG	TAA	0	0	
mORF_+_4286337	4286337	4286486	+	3	150	ATG	TGA	0	0	
mORF_+_4286410	4286410	4286463	+	1	54	TTG	TAA	0	0	
mORF_+_4286470	4286470	4286478	+	1	9	GTG	TGA	0	0	
mORF_+_4286520	4286520	4286567	+	3	48	TTG	TGA	0	0	
mORF_+_4286586	4286586	4286627	+	3	42	ATG	TGA	0	0	
mORF_+_4286694	4286694	4286804	+	3	111	TTG	TGA	0	0	
mORF_+_4286725	4286725	4286784	+	1	60	TTG	TAA	0	0	
mORF_+_4286814	4286814	4286888	+	3	75	TTG	TGA	0	0	
mORF_+_4286913	4286913	4287125	+	3	213	ATG	TGA	0	0	
mORF_+_4286920	4286920	4287009	+	1	90	GTG	TAA	0	0	
mORF_+_4287181	4287181	4287201	+	1	21	GTG	TAA	0	0	
mORF_+_4287257	4287257	4287265	+	2	9	ATG	TGA	0	0	
mORF_+_4287262	4287262	4287834	+	1	573	GTG	TGA	0	0	
mORF_+_4287321	4287321	4287368	+	3	48	GTG	TGA	0	0	
mORF_+_4287368	4287368	4287547	+	2	180	ATG	TGA	0	0	
mORF_+_4287551	4287551	4287556	+	2	6	ATG	TGA	0	0	
mORF_+_4287584	4287584	4287667	+	2	84	TTG	TAA	0	0	
mORF_+_4287678	4287678	4287734	+	3	57	GTG	TGA	0	0	
mORF_+_4287731	4287731	4287955	+	2	225	GTG	TGA	0	0	
mORF_+_4287753	4287753	4287797	+	3	45	TTG	TAA	0	0	
mORF_+_4287831	4287831	4288502	+	3	672	ATG	TGA	0	0	
mORF_+_4287928	4287928	4288008	+	1	81	ATG	TGA	0	0	
mORF_+_4287965	4287965	4288051	+	2	87	ATG	TAG	0	0	
mORF_+_4288075	4288075	4288080	+	1	6	ATG	TGA	0	0	
mORF_+_4288103	4288103	4288135	+	2	33	TTG	TGA	0	0	
mORF_+_4288120	4288120	4288362	+	1	243	ATG	TGA	0	0	
mORF_+_4288211	4288211	4288300	+	2	90	TTG	TAA	0	0	
mORF_+_4288331	4288331	4288339	+	2	9	GTG	TGA	0	0	
mORF_+_4288343	4288343	4288393	+	2	51	TTG	TGA	0	0	
mORF_+_4288366	4288366	4288494	+	1	129	TTG	TGA	0	0	
mORF_+_4288499	4288499	4289455	+	2	957	ATG	TAA	0	0	
mORF_+_4288524	4288524	4288571	+	3	48	TTG	TGA	0	0	
mORF_+_4288537	4288537	4288848	+	1	312	GTG	TGA	0	0	
mORF_+_4288572	4288572	4288595	+	3	24	TTG	TGA	0	0	
mORF_+_4288638	4288638	4288670	+	3	33	GTG	TGA	0	0	
mORF_+_4288671	4288671	4288691	+	3	21	TTG	TGA	0	0	
mORF_+_4288845	4288845	4288913	+	3	69	TTG	TGA	0	0	

mORF_+_4289076	4289076	4289093	+	3	18	GTG	TGA	0	0	
mORF_+_4289145	4289145	4289261	+	3	117	TTG	TAG	0	0	
mORF_+_4289173	4289173	4289181	+	1	9	ATG	TGA	0	0	
mORF_+_4289262	4289262	4289315	+	3	54	GTG	TGA	0	0	
mORF_+_4289278	4289278	4289520	+	1	243	GTG	TAA	0	0	
mORF_+_4289316	4289316	4289408	+	3	93	TTG	TGA	0	0	
mORF_+_4289468	4289468	4289494	+	2	27	GTG	TGA	0	0	
mORF_+_4289511	4289511	4291193	+	3	1683	TTG	TAA	1	2	pORF_+_4289511
mORF_+_4289600	4289600	4289707	+	2	108	TTG	TAG	0	0	
mORF_+_4289644	4289644	4289655	+	1	12	TTG	TGA	0	0	
mORF_+_4289692	4289692	4289856	+	1	165	ATG	TGA	0	0	
mORF_+_4289723	4289723	4289761	+	2	39	GTG	TGA	0	0	
mORF_+_4289777	4289777	4290082	+	2	306	TTG	TGA	0	0	
mORF_+_4289899	4289899	4290033	+	1	135	TTG	TGA	0	0	
mORF_+_4290079	4290079	4290138	+	1	60	TTG	TAA	0	0	
mORF_+_4290101	4290101	4290406	+	2	306	TTG	TAA	0	0	
mORF_+_4290358	4290358	4290444	+	1	87	TTG	TGA	0	0	
mORF_+_4290451	4290451	4290534	+	1	84	TTG	TAA	0	0	
mORF_+_4290557	4290557	4290655	+	2	99	TTG	TAA	0	0	
mORF_+_4290637	4290637	4290684	+	1	48	TTG	TGA	0	0	
mORF_+_4290697	4290697	4290750	+	1	54	TTG	TAG	0	0	
mORF_+_4290754	4290754	4290822	+	1	69	ATG	TGA	0	0	
mORF_+_4290871	4290871	4290924	+	1	54	TTG	TAG	0	0	
mORF_+_4290875	4290875	4290937	+	2	63	GTG	TGA	0	0	
mORF_+_4290934	4290934	4290963	+	1	30	TTG	TGA	0	0	
mORF_+_4290982	4290982	4291005	+	1	24	ATG	TGA	0	0	
mORF_+_4291036	4291036	4291140	+	1	105	ATG	TGA	0	0	
mORF_+_4291144	4291144	4291161	+	1	18	TTG	TAA	0	0	
mORF_+_4291166	4291166	4291189	+	2	24	ATG	TGA	0	0	
mORF_+_4291186	4291186	4291569	+	1	384	ATG	TGA	0	0	
mORF_+_4291229	4291229	4291249	+	2	21	TTG	TAG	0	0	
mORF_+_4291298	4291298	4291438	+	2	141	TTG	TGA	0	0	
mORF_+_4291314	4291314	4291469	+	3	156	TTG	TAA	0	0	
mORF_+_4291457	4291457	4291480	+	2	24	TTG	TAA	0	0	
mORF_+_4291500	4291500	4292162	+	3	663	ATG	TAA	0	0	
mORF_+_4291630	4291630	4291650	+	1	21	GTG	TAA	0	0	
mORF_+_4291658	4291658	4291759	+	2	102	ATG	TAA	0	0	
mORF_+_4291672	4291672	4291941	+	1	270	GTG	TGA	0	0	
mORF_+_4291790	4291790	4291879	+	2	90	GTG	TGA	0	0	
mORF_+_4291990	4291990	4292007	+	1	18	ATG	TGA	0	0	
mORF_+_4292023	4292023	4292076	+	1	54	ATG	TGA	0	0	
mORF_+_4292063	4292063	4292101	+	2	39	ATG	TAA	0	0	
mORF_+_4292116	4292116	4292232	+	1	117	TTG	TAA	0	0	
mORF_+_4292220	4292220	4292267	+	3	48	ATG	TAA	0	0	
mORF_+_4292249	4292249	4292281	+	2	33	TTG	TAA	0	0	
mORF_+_4292285	4292285	4292299	+	2	15	ATG	TAA	0	0	
mORF_+_4292323	4292323	4292331	+	1	9	ATG	TAA	0	0	
mORF_+_4292331	4292331	4292402	+	3	72	ATG	TAA	0	0	
mORF_+_4292360	4292360	4292383	+	2	24	TTG	TGA	0	0	
mORF_+_4292380	4292380	4292490	+	1	111	ATG	TGA	0	0	
mORF_+_4292433	4292433	4292468	+	3	36	ATG	TGA	0	0	
mORF_+_4292487	4292487	4292507	+	3	21	TTG	TGA	0	0	
mORF_+_4292504	4292504	4293817	+	2	1314	ATG	TAA	2	5	pORF_+_4292504
mORF_+_4292544	4292544	4292657	+	3	114	TTG	TGA	0	0	
mORF_+_4292667	4292667	4292684	+	3	18	TTG	TGA	0	0	
mORF_+_4292712	4292712	4292774	+	3	63	GTG	TGA	0	0	
mORF_+_4292829	4292829	4293062	+	3	234	GTG	TGA	0	0	
mORF_+_4293120	4293120	4293146	+	3	27	ATG	TGA	0	0	
mORF_+_4293147	4293147	4293155	+	3	9	TTG	TGA	0	0	
mORF_+_4293168	4293168	4293245	+	3	78	TTG	TAG	0	0	
mORF_+_4293184	4293184	4293312	+	1	129	GTG	TGA	0	0	
mORF_+_4293255	4293255	4293278	+	3	24	TTG	TAA	0	0	
mORF_+_4293309	4293309	4293317	+	3	9	ATG	TGA	0	0	

mORF_+_4293366	4293366	4293539	+	3	174	TTG	TGA	0	0
mORF_+_4293564	4293564	4293620	+	3	57	TTG	TAG	0	0
mORF_+_4293648	4293648	4293692	+	3	45	TTG	TGA	0	0
mORF_+_4293705	4293705	4293725	+	3	21	ATG	TGA	0	0
mORF_+_4293726	4293726	4293821	+	3	96	TTG	TGA	0	0
mORF_+_4293733	4293733	4293750	+	1	18	GTG	TGA	0	0
mORF_+_4293818	4293818	4293916	+	2	99	TTG	TGA	0	0
mORF_+_4293825	4293825	4293863	+	3	39	TTG	TGA	0	0
mORF_+_4293850	4293850	4293855	+	1	6	GTG	TGA	0	0
mORF_+_4293856	4293856	4293921	+	1	66	ATG	TAG	0	0
mORF_+_4293923	4293923	4293934	+	2	12	GTG	TAG	0	0
mORF_+_4293951	4293951	4294034	+	3	84	ATG	TAG	0	0
mORF_+_4293976	4293976	4294029	+	1	54	ATG	TGA	0	0
mORF_+_4294036	4294036	4294047	+	1	12	GTG	TAG	0	0
mORF_+_4294089	4294089	4294142	+	3	54	ATG	TGA	0	0
mORF_+_4294149	4294149	4294160	+	3	12	GTG	TAG	0	0
mORF_+_4294177	4294177	4294260	+	1	84	ATG	TAG	0	0
mORF_+_4294202	4294202	4294255	+	2	54	ATG	TGA	0	0
mORF_+_4294262	4294262	4294273	+	2	12	GTG	TAG	0	0
mORF_+_4294290	4294290	4294373	+	3	84	ATG	TAG	0	0
mORF_+_4294315	4294315	4294368	+	1	54	ATG	TGA	0	0
mORF_+_4294375	4294375	4294386	+	1	12	GTG	TAG	0	0
mORF_+_4294419	4294419	4294562	+	3	144	ATG	TAA	0	0
mORF_+_4294426	4294426	4294473	+	1	48	ATG	TAA	0	0
mORF_+_4294466	4294466	4294612	+	2	147	TTG	TAA	0	0
mORF_+_4294531	4294531	4294581	+	1	51	GTG	TAA	0	0
mORF_+_4294626	4294626	4294643	+	3	18	TTG	TGA	0	0
mORF_+_4294640	4294640	4294696	+	2	57	TTG	TAA	0	0
mORF_+_4294653	4294653	4294676	+	3	24	TTG	TAA	0	0
mORF_+_4294714	4294714	4294764	+	1	51	TTG	TAA	0	0
mORF_+_4294773	4294773	4294904	+	3	132	TTG	TGA	0	0
mORF_+_4294801	4294801	4295070	+	1	270	TTG	TAA	0	0
mORF_+_4294910	4294910	4295176	+	2	267	TTG	TAA	0	0
mORF_+_4294974	4294974	4295012	+	3	39	GTG	TAA	0	0
mORF_+_4295037	4295037	4295138	+	3	102	GTG	TAA	0	0
mORF_+_4295101	4295101	4295169	+	1	69	GTG	TAG	0	0
mORF_+_4295195	4295195	4295230	+	2	36	ATG	TAG	0	0
mORF_+_4295250	4295250	4295375	+	3	126	GTG	TAA	0	0
mORF_+_4295279	4295279	4295320	+	2	42	TTG	TGA	0	0
mORF_+_4295354	4295354	4295431	+	2	78	TTG	TAG	0	0
mORF_+_4295435	4295435	4295440	+	2	6	ATG	TAA	0	0
mORF_+_4295450	4295450	4295572	+	2	123	TTG	TAG	0	0
mORF_+_4295503	4295503	4295658	+	1	156	GTG	TGA	0	0
mORF_+_4295517	4295517	4295561	+	3	45	ATG	TGA	0	0
mORF_+_4295565	4295565	4295684	+	3	120	GTG	TGA	0	0
mORF_+_4295681	4295681	4295767	+	2	87	GTG	TAA	0	0
mORF_+_4295694	4295694	4295717	+	3	24	TTG	TGA	0	0
mORF_+_4295813	4295813	4295842	+	2	30	ATG	TAA	0	0
mORF_+_4295869	4295869	4296057	+	1	189	ATG	TGA	0	0
mORF_+_4295897	4295897	4295908	+	2	12	GTG	TAG	0	0
mORF_+_4295930	4295930	4296109	+	2	180	GTG	TGA	0	0
mORF_+_4296054	4296054	4296068	+	3	15	TTG	TAA	0	0
mORF_+_4296169	4296169	4296174	+	1	6	TTG	TAG	0	0
mORF_+_4296191	4296191	4296250	+	2	60	ATG	TAG	0	0
mORF_+_4296214	4296214	4296651	+	1	438	ATG	TGA	0	0
mORF_+_4296287	4296287	4296376	+	2	90	TTG	TGA	0	0
mORF_+_4296380	4296380	4296388	+	2	9	TTG	TGA	0	0
mORF_+_4296500	4296500	4296553	+	2	54	ATG	TGA	0	0
mORF_+_4296543	4296543	4296572	+	3	30	GTG	TGA	0	0
mORF_+_4296578	4296578	4296607	+	2	30	GTG	TAG	0	0
mORF_+_4296648	4296648	4296689	+	3	42	GTG	TAA	0	0
mORF_+_4296665	4296665	4296832	+	2	168	TTG	TGA	0	0
mORF_+_4296694	4296694	4296885	+	1	192	ATG	TAA	0	0

mORF_+_4296738	4296738	4296797	+	3	60	GTG	TAA	0	0
mORF_+_4296843	4296843	4296908	+	3	66	TTG	TAA	0	0
mORF_+_4296863	4296863	4297039	+	2	177	TTG	TAG	0	0
mORF_+_4296921	4296921	4297010	+	3	90	TTG	TAA	0	0
mORF_+_4296940	4296940	4297353	+	1	414	TTG	TGA	0	0
mORF_+_4297040	4297040	4297135	+	2	96	TTG	TAA	0	0
mORF_+_4297140	4297140	4297235	+	3	96	GTG	TAA	0	0
mORF_+_4297169	4297169	4297252	+	2	84	TTG	TAA	0	0
mORF_+_4297280	4297280	4297363	+	2	84	TTG	TAG	0	0
mORF_+_4297353	4297353	4297376	+	3	24	ATG	TGA	0	0
mORF_+_4297373	4297373	4297564	+	2	192	GTG	TGA	0	0
mORF_+_4297440	4297440	4297481	+	3	42	ATG	TGA	0	0
mORF_+_4297465	4297465	4297512	+	1	48	GTG	TGA	0	0
mORF_+_4297536	4297536	4297544	+	3	9	TTG	TGA	0	0
mORF_+_4297561	4297561	4297617	+	1	57	GTG	TGA	0	0
mORF_+_4297648	4297648	4297755	+	1	108	ATG	TGA	0	0
mORF_+_4297653	4297653	4297685	+	3	33	TTG	TAA	0	0
mORF_+_4297685	4297685	4297783	+	2	99	ATG	TAA	0	0
mORF_+_4297789	4297789	4297896	+	1	108	GTG	TAA	0	0
mORF_+_4297836	4297836	4297886	+	3	51	TTG	TGA	0	0
mORF_+_4297909	4297909	4298079	+	1	171	ATG	TAG	0	0
mORF_+_4298025	4298025	4298111	+	3	87	ATG	TAA	0	0
mORF_+_4298111	4298111	4298224	+	2	114	ATG	TGA	0	0
mORF_+_4298134	4298134	4298172	+	1	39	ATG	TAA	0	0
mORF_+_4298139	4298139	4298210	+	3	72	TTG	TAA	0	0
mORF_+_4298188	4298188	4298409	+	1	222	ATG	TAA	0	0
mORF_+_4298258	4298258	4298287	+	2	30	ATG	TGA	0	0
mORF_+_4298289	4298289	4298435	+	3	147	TTG	TAA	0	0
mORF_+_4298333	4298333	4298713	+	2	381	GTG	TGA	0	0
mORF_+_4298491	4298491	4298631	+	1	141	GTG	TAG	0	0
mORF_+_4298538	4298538	4298567	+	3	30	ATG	TGA	0	0
mORF_+_4298571	4298571	4298669	+	3	99	ATG	TGA	0	0
mORF_+_4298703	4298703	4298723	+	3	21	TTG	TAA	0	0
mORF_+_4298710	4298710	4298910	+	1	201	TTG	TGA	0	0
mORF_+_4298739	4298739	4298744	+	3	6	TTG	TGA	0	0
mORF_+_4298741	4298741	4298863	+	2	123	GTG	TGA	0	0
mORF_+_4298811	4298811	4298816	+	3	6	GTG	TGA	0	0
mORF_+_4298832	4298832	4299035	+	3	204	TTG	TGA	0	0
mORF_+_4298926	4298926	4298952	+	1	27	TTG	TGA	0	0
mORF_+_4298957	4298957	4299049	+	2	93	GTG	TGA	0	0
mORF_+_4299001	4299001	4299042	+	1	42	GTG	TGA	0	0
mORF_+_4299039	4299039	4299176	+	3	138	TTG	TGA	0	0
mORF_+_4299046	4299046	4299219	+	1	174	TTG	TGA	0	0
mORF_+_4299053	4299053	4299091	+	2	39	TTG	TAA	0	0
mORF_+_4299137	4299137	4299154	+	2	18	GTG	TAA	0	0
mORF_+_4299203	4299203	4299289	+	2	87	TTG	TAG	0	0
mORF_+_4299220	4299220	4299363	+	1	144	GTG	TAA	0	0
mORF_+_4299321	4299321	4299338	+	3	18	GTG	TGA	0	0
mORF_+_4299335	4299335	4299388	+	2	54	GTG	TAA	0	0
mORF_+_4299388	4299388	4299456	+	1	69	ATG	TAA	0	0
mORF_+_4299410	4299410	4299544	+	2	135	TTG	TAA	0	0
mORF_+_4299492	4299492	4299614	+	3	123	GTG	TAA	0	0
mORF_+_4299520	4299520	4299642	+	1	123	GTG	TGA	0	0
mORF_+_4299569	4299569	4299853	+	2	285	TTG	TAG	0	0
mORF_+_4299639	4299639	4299749	+	3	111	ATG	TAA	0	0
mORF_+_4299736	4299736	4299846	+	1	111	GTG	TGA	0	0
mORF_+_4299768	4299768	4299974	+	3	207	GTG	TGA	0	0
mORF_+_4299934	4299934	4299942	+	1	9	TTG	TAG	0	0
mORF_+_4299955	4299955	4300068	+	1	114	ATG	TAA	0	0
mORF_+_4299971	4299971	4300087	+	2	117	GTG	TGA	0	0
mORF_+_4299975	4299975	4300001	+	3	27	ATG	TAA	0	0
mORF_+_4300005	4300005	4300010	+	3	6	GTG	TAA	0	0
mORF_+_4300062	4300062	4300133	+	3	72	TTG	TGA	0	0

mORF_+_4300084	4300084	4300206	+	1	123	TTG	TGA	0	0
mORF_+_4300139	4300139	4300144	+	2	6	TTG	TAA	0	0
mORF_+_4300220	4300220	4300270	+	2	51	TTG	TGA	0	0
mORF_+_4300257	4300257	4300304	+	3	48	TTG	TGA	0	0
mORF_+_4300280	4300280	4300444	+	2	165	TTG	TAG	0	0
mORF_+_4300297	4300297	4300434	+	1	138	TTG	TGA	0	0
mORF_+_4300320	4300320	4300331	+	3	12	GTG	TAG	0	0
mORF_+_4300350	4300350	4300355	+	3	6	ATG	TAG	0	0
mORF_+_4300404	4300404	4300505	+	3	102	TTG	TGA	0	0
mORF_+_4300483	4300483	4300509	+	1	27	GTG	TAA	0	0
mORF_+_4300502	4300502	4300588	+	2	87	GTG	TAA	0	0
mORF_+_4300509	4300509	4300541	+	3	33	ATG	TGA	0	0
mORF_+_4300554	4300554	4300610	+	3	57	ATG	TAG	0	0
mORF_+_4300603	4300603	4300695	+	1	93	TTG	TAG	0	0
mORF_+_4300668	4300668	4300691	+	3	24	ATG	TAA	0	0
mORF_+_4300682	4300682	4300810	+	2	129	TTG	TGA	0	0
mORF_+_4300701	4300701	4300820	+	3	120	ATG	TAG	0	0
mORF_+_4300807	4300807	4301067	+	1	261	ATG	TGA	0	0
mORF_+_4300851	4300851	4300889	+	3	39	GTG	TAA	0	0
mORF_+_4300997	4300997	4301038	+	2	42	TTG	TAA	0	0
mORF_+_4301045	4301045	4301077	+	2	33	ATG	TAA	0	0
mORF_+_4301077	4301077	4301091	+	1	15	ATG	TGA	0	0
mORF_+_4301088	4301088	4301120	+	3	33	TTG	TAG	0	0
mORF_+_4301104	4301104	4301268	+	1	165	TTG	TAG	0	0
mORF_+_4301138	4301138	4301278	+	2	141	ATG	TAG	0	0
mORF_+_4301309	4301309	4301404	+	2	96	TTG	TGA	0	0
mORF_+_4301337	4301337	4301423	+	3	87	TTG	TAA	0	0
mORF_+_4301401	4301401	4301418	+	1	18	GTG	TAG	0	0
mORF_+_4301408	4301408	4302007	+	2	600	GTG	TAA	0	0
mORF_+_4301449	4301449	4301571	+	1	123	TTG	TAA	0	0
mORF_+_4301571	4301571	4301588	+	3	18	ATG	TGA	0	0
mORF_+_4301661	4301661	4301777	+	3	117	TTG	TAA	0	0
mORF_+_4301797	4301797	4302000	+	1	204	TTG	TGA	0	0
mORF_+_4302018	4302018	4302047	+	3	30	TTG	TAA	0	0
mORF_+_4302131	4302131	4302154	+	2	24	ATG	TAG	0	0
mORF_+_4302159	4302159	4302209	+	3	51	ATG	TAA	0	0
mORF_+_4302176	4302176	4302184	+	2	9	ATG	TAG	0	0
mORF_+_4302219	4302219	4302230	+	3	12	ATG	TGA	0	0
mORF_+_4302227	4302227	4302244	+	2	18	TTG	TGA	0	0
mORF_+_4302234	4302234	4302248	+	3	15	TTG	TAA	0	0
mORF_+_4302257	4302257	4302310	+	2	54	GTG	TAA	0	0
mORF_+_4302330	4302330	4302362	+	3	33	TTG	TGA	0	0
mORF_+_4302359	4302359	4302484	+	2	126	ATG	TGA	0	0
mORF_+_4302394	4302394	4302510	+	1	117	TTG	TGA	0	0
mORF_+_4302420	4302420	4302431	+	3	12	TTG	TAA	0	0
mORF_+_4302495	4302495	4302548	+	3	54	ATG	TAA	0	0
mORF_+_4302570	4302570	4302632	+	3	63	TTG	TGA	0	0
mORF_+_4302601	4302601	4302690	+	1	90	TTG	TAA	0	0
mORF_+_4302629	4302629	4303912	+	2	1284	GTG	TAA	0	0
mORF_+_4302711	4302711	4302803	+	3	93	TTG	TAG	0	0
mORF_+_4302870	4302870	4303064	+	3	195	TTG	TAG	0	0
mORF_+_4303075	4303075	4303230	+	1	156	ATG	TGA	0	0
mORF_+_4303077	4303077	4303094	+	3	18	GTG	TGA	0	0
mORF_+_4303152	4303152	4303196	+	3	45	TTG	TAA	0	0
mORF_+_4303206	4303206	4303265	+	3	60	TTG	TAA	0	0
mORF_+_4303356	4303356	4303376	+	3	21	TTG	TAA	0	0
mORF_+_4303398	4303398	4303451	+	3	54	TTG	TAG	0	0
mORF_+_4303405	4303405	4303422	+	1	18	GTG	TAA	0	0
mORF_+_4303485	4303485	4303520	+	3	36	ATG	TAA	0	0
mORF_+_4303524	4303524	4303664	+	3	141	TTG	TAG	0	0
mORF_+_4303668	4303668	4303727	+	3	60	TTG	TAG	0	0
mORF_+_4303831	4303831	4303839	+	1	9	GTG	TAA	0	0
mORF_+_4303839	4303839	4303922	+	3	84	ATG	TAA	0	0

mORF_+_4303855	4303855	4303947	+	1	93	TTG	TGA	0	0
mORF_+_4303944	4303944	4304012	+	3	69	ATG	TGA	0	0
mORF_+_4304016	4304016	4304066	+	3	51	TTG	TAG	0	0
mORF_+_4304066	4304066	4304470	+	2	405	GTG	TAA	0	0
mORF_+_4304073	4304073	4304084	+	3	12	GTG	TGA	0	0
mORF_+_4304085	4304085	4304090	+	3	6	GTG	TAG	0	0
mORF_+_4304140	4304140	4304181	+	1	42	GTG	TAA	0	0
mORF_+_4304187	4304187	4304243	+	3	57	ATG	TGA	0	0
mORF_+_4304256	4304256	4304297	+	3	42	GTG	TGA	0	0
mORF_+_4304349	4304349	4304354	+	3	6	TTG	TAA	0	0
mORF_+_4304470	4304470	4304493	+	1	24	ATG	TAA	0	0
mORF_+_4304475	4304475	4304483	+	3	9	TTG	TAA	0	0
mORF_+_4304498	4304498	4304575	+	2	78	TTG	TAA	0	0
mORF_+_4304511	4304511	4304624	+	3	114	GTG	TAA	0	0
mORF_+_4304642	4304642	4304650	+	2	9	ATG	TAA	0	0
mORF_+_4304653	4304653	4304658	+	1	6	ATG	TAA	0	0
mORF_+_4304662	4304662	4304718	+	1	57	ATG	TAA	0	0
mORF_+_4304699	4304699	4304755	+	2	57	TTG	TAG	0	0
mORF_+_4304722	4304722	4304733	+	1	12	GTG	TGA	0	0
mORF_+_4304730	4304730	4304768	+	3	39	GTG	TGA	0	0
mORF_+_4304762	4304762	4304932	+	2	171	GTG	TGA	0	0
mORF_+_4304796	4304796	4304813	+	3	18	TTG	TGA	0	0
mORF_+_4304824	4304824	4304979	+	1	156	GTG	TGA	0	0
mORF_+_4304868	4304868	4304906	+	3	39	TTG	TAG	0	0
mORF_+_4304916	4304916	4304966	+	3	51	GTG	TAA	0	0
mORF_+_4304976	4304976	4304990	+	3	15	ATG	TAA	0	0
mORF_+_4305004	4305004	4305246	+	1	243	ATG	TAG	0	0
mORF_+_4305012	4305012	4305122	+	3	111	GTG	TAA	0	0
mORF_+_4305038	4305038	4305214	+	2	177	ATG	TAA	0	0
mORF_+_4305141	4305141	4305437	+	3	297	GTG	TAA	0	0
mORF_+_4305263	4305263	4305328	+	2	66	TTG	TGA	0	0
mORF_+_4305298	4305298	4305540	+	1	243	GTG	TAA	0	0
mORF_+_4305578	4305578	4305631	+	2	54	ATG	TGA	0	0
mORF_+_4305628	4305628	4305735	+	1	108	ATG	TAG	0	0
mORF_+_4305701	4305701	4306369	+	2	669	ATG	TGA	0	0
mORF_+_4305772	4305772	4305867	+	1	96	ATG	TAA	0	0
mORF_+_4305777	4305777	4305824	+	3	48	TTG	TGA	0	0
mORF_+_4305874	4305874	4305903	+	1	30	ATG	TAA	0	0
mORF_+_4305915	4305915	4305962	+	3	48	GTG	TAA	0	0
mORF_+_4305964	4305964	4306065	+	1	102	TTG	TGA	0	0
mORF_+_4305972	4305972	4306130	+	3	159	TTG	TAG	0	0
mORF_+_4306137	4306137	4306190	+	3	54	ATG	TGA	0	0
mORF_+_4306227	4306227	4306280	+	3	54	TTG	TGA	0	0
mORF_+_4306284	4306284	4306289	+	3	6	ATG	TAA	0	0
mORF_+_4306333	4306333	4306347	+	1	15	TTG	TAA	0	0
mORF_+_4306366	4306366	4306404	+	1	39	GTG	TGA	0	0
mORF_+_4306380	4306380	4306394	+	3	15	TTG	TGA	0	0
mORF_+_4306391	4306391	4306483	+	2	93	GTG	TAA	0	0
mORF_+_4306401	4306401	4306421	+	3	21	ATG	TAA	0	0
mORF_+_4306500	4306500	4306556	+	3	57	ATG	TAA	0	0
mORF_+_4306575	4306575	4306769	+	3	195	TTG	TGA	0	0
mORF_+_4306612	4306612	4306716	+	1	105	TTG	TAG	0	0
mORF_+_4306760	4306760	4306807	+	2	48	GTG	TGA	0	0
mORF_+_4306804	4306804	4306851	+	1	48	ATG	TAG	0	0
mORF_+_4306824	4306824	4306943	+	3	120	GTG	TAG	0	0
mORF_+_4306864	4306864	4306884	+	1	21	TTG	TAG	0	0
mORF_+_4306877	4306877	4306930	+	2	54	GTG	TGA	0	0
mORF_+_4306885	4306885	4307319	+	1	435	ATG	TGA	0	0
mORF_+_4306943	4306943	4306954	+	2	12	GTG	TAA	0	0
mORF_+_4307006	4307006	4307050	+	2	45	ATG	TGA	0	0
mORF_+_4307094	4307094	4307099	+	3	6	GTG	TAG	0	0
mORF_+_4307138	4307138	4307275	+	2	138	GTG	TAG	0	0
mORF_+_4307316	4307316	4307366	+	3	51	TTG	TGA	0	0

mORF_+_4307341	4307341	4307499	+	1	159	TTG	TAA	0	0
mORF_+_4307363	4307363	4307392	+	2	30	GTG	TGA	0	0
mORF_+_4307477	4307477	4307485	+	2	9	TTG	TAA	0	0
mORF_+_4307514	4307514	4307660	+	3	147	ATG	TAA	0	0
mORF_+_4307537	4307537	4307599	+	2	63	TTG	TAG	0	0
mORF_+_4307605	4307605	4307622	+	1	18	ATG	TGA	0	0
mORF_+_4307642	4307642	4308013	+	2	372	TTG	TGA	0	0
mORF_+_4307685	4307685	4307762	+	3	78	ATG	TGA	0	0
mORF_+_4307781	4307781	4307804	+	3	24	GTG	TGA	0	0
mORF_+_4307919	4307919	4307927	+	3	9	ATG	TGA	0	0
mORF_+_4307931	4307931	4307981	+	3	51	ATG	TAA	0	0
mORF_+_4308010	4308010	4308039	+	1	30	GTG	TAA	0	0
mORF_+_4308030	4308030	4308362	+	3	333	TTG	TAG	0	0
mORF_+_4308154	4308154	4308192	+	1	39	ATG	TGA	0	0
mORF_+_4308218	4308218	4308307	+	2	90	GTG	TGA	0	0
mORF_+_4308304	4308304	4308444	+	1	141	TTG	TGA	0	0
mORF_+_4308395	4308395	4308481	+	2	87	ATG	TGA	0	0
mORF_+_4308411	4308411	4308437	+	3	27	ATG	TGA	0	0
mORF_+_4308441	4308441	4308458	+	3	18	ATG	TAG	0	0
mORF_+_4308471	4308471	4308689	+	3	219	TTG	TGA	0	0
mORF_+_4308478	4308478	4308501	+	1	24	GTG	TGA	0	0
mORF_+_4308554	4308554	4308568	+	2	15	GTG	TAA	0	0
mORF_+_4308686	4308686	4308703	+	2	18	ATG	TAA	0	0
mORF_+_4308767	4308767	4308778	+	2	12	TTG	TAA	0	0
mORF_+_4308769	4308769	4308804	+	1	36	GTG	TAA	0	0
mORF_+_4308782	4308782	4308853	+	2	72	ATG	TAA	0	0
mORF_+_4308792	4308792	4308800	+	3	9	TTG	TAG	0	0
mORF_+_4308804	4308804	4308920	+	3	117	ATG	TAA	0	0
mORF_+_4308898	4308898	4308933	+	1	36	ATG	TAA	0	0
mORF_+_4308902	4308902	4308928	+	2	27	ATG	TAA	0	0
mORF_+_4308943	4308943	4309005	+	1	63	ATG	TAA	0	0
mORF_+_4308947	4308947	4309009	+	2	63	GTG	TAA	0	0
mORF_+_4308966	4308966	4309091	+	3	126	TTG	TAA	0	0
mORF_+_4309042	4309042	4309104	+	1	63	ATG	TAG	0	0
mORF_+_4309133	4309133	4309150	+	2	18	TTG	TGA	0	0
mORF_+_4309137	4309137	4309370	+	3	234	GTG	TGA	0	0
mORF_+_4309147	4309147	4309164	+	1	18	TTG	TAA	0	0
mORF_+_4309171	4309171	4309191	+	1	21	GTG	TAA	0	0
mORF_+_4309234	4309234	4309416	+	1	183	TTG	TAA	0	0
mORF_+_4309277	4309277	4309789	+	2	513	TTG	TGA	0	0
mORF_+_4309389	4309389	4309406	+	3	18	GTG	TAG	0	0
mORF_+_4309443	4309443	4309742	+	3	300	GTG	TAA	0	0
mORF_+_4309456	4309456	4309464	+	1	9	GTG	TAA	0	0
mORF_+_4309510	4309510	4309521	+	1	12	TTG	TGA	0	0
mORF_+_4309585	4309585	4309623	+	1	39	TTG	TAA	0	0
mORF_+_4309743	4309743	4309820	+	3	78	ATG	TAA	0	0
mORF_+_4309756	4309756	4309776	+	1	21	ATG	TGA	0	0
mORF_+_4309795	4309795	4309833	+	1	39	ATG	TGA	0	0
mORF_+_4309853	4309853	4309876	+	2	24	TTG	TGA	0	0
mORF_+_4309909	4309909	4310043	+	1	135	GTG	TGA	0	0
mORF_+_4309929	4309929	4310084	+	3	156	ATG	TAA	0	0
mORF_+_4310104	4310104	4310313	+	1	210	ATG	TAA	0	0
mORF_+_4310141	4310141	4310182	+	2	42	GTG	TAA	0	0
mORF_+_4310172	4310172	4310243	+	3	72	TTG	TAG	0	0
mORF_+_4310244	4310244	4310249	+	3	6	TTG	TAA	0	0
mORF_+_4310255	4310255	4310308	+	2	54	TTG	TAA	0	0
mORF_+_4310333	4310333	4310362	+	2	30	GTG	TAA	0	0
mORF_+_4310337	4310337	4310459	+	3	123	ATG	TAA	0	0
mORF_+_4310366	4310366	4310482	+	2	117	TTG	TGA	0	0
mORF_+_4310479	4310479	4310487	+	1	9	ATG	TGA	0	0
mORF_+_4310484	4310484	4310561	+	3	78	GTG	TGA	0	0
mORF_+_4310518	4310518	4310598	+	1	81	ATG	TGA	0	0
mORF_+_4310558	4310558	4310638	+	2	81	TTG	TGA	0	0

mORF_+_4310619	4310619	4310669	+	3	51	GTG	TAA	0	0
mORF_+_4310635	4310635	4310649	+	1	15	TTG	TGA	0	0
mORF_+_4310659	4310659	4310751	+	1	93	ATG	TGA	0	0
mORF_+_4310810	4310810	4310821	+	2	12	TTG	TAA	0	0
mORF_+_4310867	4310867	4310899	+	2	33	TTG	TGA	0	0
mORF_+_4310896	4310896	4310961	+	1	66	TTG	TAA	0	0
mORF_+_4311024	4311024	4311038	+	3	15	TTG	TGA	0	0
mORF_+_4311035	4311035	4311100	+	2	66	TTG	TAA	0	0
mORF_+_4311075	4311075	4311179	+	3	105	ATG	TGA	0	0
mORF_+_4311121	4311121	4311126	+	1	6	TTG	TGA	0	0
mORF_+_4311130	4311130	4311162	+	1	33	ATG	TAA	0	0
mORF_+_4311137	4311137	4311145	+	2	9	GTG	TAA	0	0
mORF_+_4311176	4311176	4311205	+	2	30	ATG	TAG	0	0
mORF_+_4311186	4311186	4311209	+	3	24	TTG	TGA	0	0
mORF_+_4311206	4311206	4311229	+	2	24	ATG	TGA	0	0
mORF_+_4311213	4311213	4311239	+	3	27	ATG	TAA	0	0
mORF_+_4311223	4311223	4311270	+	1	48	ATG	TAA	0	0
mORF_+_4311230	4311230	4311262	+	2	33	GTG	TAA	0	0
mORF_+_4311301	4311301	4311372	+	1	72	TTG	TGA	0	0
mORF_+_4311305	4311305	4311322	+	2	18	GTG	TAA	0	0
mORF_+_4311338	4311338	4311376	+	2	39	TTG	TGA	0	0
mORF_+_4311342	4311342	4311347	+	3	6	TTG	TGA	0	0
mORF_+_4311369	4311369	4311398	+	3	30	ATG	TGA	0	0
mORF_+_4311373	4311373	4311822	+	1	450	ATG	TGA	0	0
mORF_+_4311383	4311383	4311418	+	2	36	TTG	TAA	0	0
mORF_+_4311422	4311422	4311430	+	2	9	ATG	TAG	0	0
mORF_+_4311443	4311443	4311463	+	2	21	TTG	TGA	0	0
mORF_+_4311464	4311464	4311565	+	2	102	TTG	TGA	0	0
mORF_+_4311567	4311567	4311635	+	3	69	TTG	TAG	0	0
mORF_+_4311569	4311569	4311595	+	2	27	GTG	TAG	0	0
mORF_+_4311608	4311608	4311730	+	2	123	TTG	TGA	0	0
mORF_+_4311731	4311731	4311805	+	2	75	TTG	TAG	0	0
mORF_+_4311741	4311741	4311848	+	3	108	GTG	TGA	0	0
mORF_+_4311841	4311841	4311852	+	1	12	ATG	TAA	0	0
mORF_+_4311845	4311845	4311859	+	2	15	ATG	TAA	0	0
mORF_+_4311852	4311852	4311881	+	3	30	ATG	TGA	0	0
mORF_+_4311859	4311859	4311891	+	1	33	ATG	TAA	0	0
mORF_+_4311878	4311878	4312000	+	2	123	TTG	TAA	0	0
mORF_+_4311891	4311891	4312220	+	3	330	ATG	TGA	0	0
mORF_+_4311976	4311976	4312071	+	1	96	TTG	TGA	0	0
mORF_+_4312093	4312093	4312458	+	1	366	ATG	TGA	0	0
mORF_+_4312217	4312217	4312339	+	2	123	ATG	TGA	0	0
mORF_+_4312451	4312451	4312519	+	2	69	GTG	TAA	0	0
mORF_+_4312477	4312477	4312491	+	1	15	GTG	TAA	0	0
mORF_+_4312526	4312526	4312600	+	2	75	GTG	TAA	0	0
mORF_+_4312537	4312537	4312704	+	1	168	GTG	TGA	0	0
mORF_+_4312593	4312593	4312679	+	3	87	TTG	TAA	0	0
mORF_+_4312658	4312658	4312696	+	2	39	GTG	TGA	0	0
mORF_+_4312697	4312697	4312726	+	2	30	GTG	TAA	0	0
mORF_+_4312701	4312701	4312832	+	3	132	TTG	TAA	0	0
mORF_+_4312763	4312763	4313143	+	2	381	GTG	TGA	0	0
mORF_+_4312974	4312974	4313273	+	3	300	GTG	TAA	0	0
mORF_+_4312978	4312978	4312989	+	1	12	TTG	TAA	0	0
mORF_+_4313071	4313071	4313106	+	1	36	ATG	TGA	0	0
mORF_+_4313137	4313137	4313166	+	1	30	TTG	TAG	0	0
mORF_+_4313209	4313209	4313325	+	1	117	TTG	TGA	0	0
mORF_+_4313341	4313341	4313349	+	1	9	TTG	TGA	0	0
mORF_+_4313346	4313346	4313492	+	3	147	ATG	TAG	0	0
mORF_+_4313380	4313380	4313418	+	1	39	ATG	TAG	0	0
mORF_+_4313422	4313422	4313511	+	1	90	ATG	TAA	0	0
mORF_+_4313426	4313426	4313449	+	2	24	TTG	TAA	0	0
mORF_+_4313521	4313521	4313754	+	1	234	GTG	TAA	0	0
mORF_+_4313597	4313597	4313659	+	2	63	GTG	TAG	0	0

mORF_+_4313649	4313649	4313687	+	3	39	GTG	TAA	0	0	
mORF_+_4313776	4313776	4313814	+	1	39	TTG	TGA	0	0	
mORF_+_4313811	4313811	4313822	+	3	12	GTG	TGA	0	0	
mORF_+_4313819	4313819	4313878	+	2	60	TTG	TAA	0	0	
mORF_+_4313842	4313842	4313904	+	1	63	GTG	TAA	0	0	
mORF_+_4313917	4313917	4314015	+	1	99	TTG	TAA	0	0	
mORF_+_4313990	4313990	4313998	+	2	9	GTG	TAG	0	0	
mORF_+_4314022	4314022	4314084	+	1	63	TTG	TAA	0	0	
mORF_+_4314135	4314135	4315418	+	3	1284	GTG	TAG	1	5	pORF_+_4314135
mORF_+_4314154	4314154	4314336	+	1	183	TTG	TAG	0	0	
mORF_+_4314308	4314308	4314679	+	2	372	ATG	TGA	1	2	pORF_+_4314308
mORF_+_4314394	4314394	4314522	+	1	129	TTG	TGA	0	0	
mORF_+_4314544	4314544	4314696	+	1	153	GTG	TGA	0	0	
mORF_+_4314721	4314721	4314819	+	1	99	TTG	TGA	0	0	
mORF_+_4314862	4314862	4315392	+	1	531	TTG	TAG	0	0	
mORF_+_4314950	4314950	4314976	+	2	27	TTG	TGA	0	0	
mORF_+_4315259	4315259	4315603	+	2	345	GTG	TGA	0	0	
mORF_+_4315440	4315440	4315730	+	3	291	ATG	TGA	0	0	
mORF_+_4315471	4315471	4315521	+	1	51	ATG	TGA	0	0	
mORF_+_4315597	4315597	4315617	+	1	21	GTG	TGA	0	0	
mORF_+_4315712	4315712	4315768	+	2	57	GTG	TAG	0	0	
mORF_+_4315749	4315749	4316183	+	3	435	TTG	TGA	0	0	
mORF_+_4315774	4315774	4315827	+	1	54	TTG	TGA	0	0	
mORF_+_4315793	4315793	4316074	+	2	282	ATG	TGA	0	0	
mORF_+_4315945	4315945	4315956	+	1	12	ATG	TGA	0	0	
mORF_+_4315987	4315987	4315992	+	1	6	TTG	TAG	0	0	
mORF_+_4316071	4316071	4316103	+	1	33	ATG	TAA	0	0	
mORF_+_4316119	4316119	4316172	+	1	54	TTG	TAA	0	0	
mORF_+_4316176	4316176	4316706	+	1	531	ATG	TAA	1	7	pORF_+_4316176
mORF_+_4316180	4316180	4316437	+	2	258	GTG	TAA	0	0	
mORF_+_4316442	4316442	4316726	+	3	285	GTG	TAA	0	0	
mORF_+_4316474	4316474	4316521	+	2	48	TTG	TGA	0	0	
mORF_+_4316651	4316651	4316746	+	2	96	GTG	TAA	0	0	
mORF_+_4316749	4316749	4316775	+	1	27	GTG	TAA	0	0	
mORF_+_4316762	4316762	4316782	+	2	21	TTG	TGA	0	0	
mORF_+_4316779	4316779	4316820	+	1	42	TTG	TAA	0	0	
mORF_+_4316787	4316787	4317557	+	3	771	TTG	TAA	0	0	
mORF_+_4316795	4316795	4316935	+	2	141	TTG	TGA	0	0	
mORF_+_4316842	4316842	4316883	+	1	42	ATG	TAG	0	0	
mORF_+_4316902	4316902	4316928	+	1	27	ATG	TGA	0	0	
mORF_+_4316932	4316932	4316943	+	1	12	GTG	TGA	0	0	
mORF_+_4316992	4316992	4317090	+	1	99	ATG	TAG	0	0	
mORF_+_4317047	4317047	4317232	+	2	186	TTG	TAA	0	0	
mORF_+_4317121	4317121	4317135	+	1	15	GTG	TGA	0	0	
mORF_+_4317199	4317199	4317276	+	1	78	ATG	TGA	0	0	
mORF_+_4317251	4317251	4317268	+	2	18	TTG	TAA	0	0	
mORF_+_4317301	4317301	4317309	+	1	9	ATG	TGA	0	0	
mORF_+_4317346	4317346	4317471	+	1	126	GTG	TGA	0	0	
mORF_+_4317472	4317472	4317531	+	1	60	ATG	TGA	0	0	
mORF_+_4317559	4317559	4317600	+	1	42	ATG	TAG	0	0	
mORF_+_4317607	4317607	4317612	+	1	6	TTG	TAG	0	0	
mORF_+_4317628	4317628	4317660	+	1	33	ATG	TAG	0	0	
mORF_+_4317653	4317653	4317688	+	2	36	TTG	TAG	0	0	
mORF_+_4317688	4317688	4317708	+	1	21	GTG	TGA	0	0	
mORF_+_4317698	4317698	4317871	+	2	174	TTG	TAG	0	0	
mORF_+_4317705	4317705	4317881	+	3	177	GTG	TGA	0	0	
mORF_+_4317739	4317739	4318125	+	1	387	ATG	TGA	0	0	
mORF_+_4317878	4317878	4318003	+	2	126	GTG	TAG	0	0	
mORF_+_4318034	4318034	4318045	+	2	12	TTG	TAA	0	0	
mORF_+_4318055	4318055	4318063	+	2	9	GTG	TAG	0	0	
mORF_+_4318122	4318122	4318154	+	3	33	GTG	TGA	0	0	
mORF_+_4318145	4318145	4318204	+	2	60	GTG	TGA	0	0	
mORF_+_4318167	4318167	4318220	+	3	54	GTG	TGA	0	0	

mORF_+_4318225	4318225	4318704	+	1	480	GTG	TGA	0	0	
mORF_+_4318256	4318256	4318318	+	2	63	GTG	TAG	0	0	
mORF_+_4318281	4318281	4318295	+	3	15	TTG	TAA	0	0	
mORF_+_4318326	4318326	4318565	+	3	240	TTG	TAA	0	0	
mORF_+_4318352	4318352	4318363	+	2	12	ATG	TAA	0	0	
mORF_+_4318397	4318397	4318447	+	2	51	GTG	TAG	0	0	
mORF_+_4318526	4318526	4318720	+	2	195	ATG	TAG	0	0	
mORF_+_4318701	4318701	4318898	+	3	198	ATG	TAA	0	0	
mORF_+_4318705	4318705	4319034	+	1	330	GTG	TGA	0	0	
mORF_+_4319031	4319031	4319069	+	3	39	ATG	TAA	0	0	
mORF_+_4319050	4319050	4319166	+	1	117	TTG	TGA	0	0	
mORF_+_4319069	4319069	4319077	+	2	9	ATG	TAG	0	0	
mORF_+_4319145	4319145	4319207	+	3	63	TTG	TAA	0	0	
mORF_+_4319197	4319197	4319295	+	1	99	ATG	TAA	0	0	
mORF_+_4319223	4319223	4319396	+	3	174	GTG	TGA	0	0	
mORF_+_4319332	4319332	4319376	+	1	45	GTG	TAA	0	0	
mORF_+_4319393	4319393	4319632	+	2	240	TTG	TAG	0	0	
mORF_+_4319487	4319487	4319573	+	3	87	GTG	TGA	0	0	
mORF_+_4319622	4319622	4320002	+	3	381	GTG	TAG	0	0	
mORF_+_4319644	4319644	4319733	+	1	90	GTG	TAG	0	0	
mORF_+_4319663	4319663	4320013	+	2	351	TTG	TAA	0	0	
mORF_+_4320030	4320030	4320158	+	3	129	TTG	TGA	0	0	
mORF_+_4320053	4320053	4320493	+	2	441	GTG	TGA	0	0	
mORF_+_4320085	4320085	4320177	+	1	93	GTG	TAA	0	0	
mORF_+_4320192	4320192	4320203	+	3	12	TTG	TAA	0	0	
mORF_+_4320279	4320279	4320347	+	3	69	ATG	TAG	0	0	
mORF_+_4320388	4320388	4320435	+	1	48	TTG	TAG	0	0	
mORF_+_4320454	4320454	4320945	+	1	492	ATG	TAA	0	0	
mORF_+_4320518	4320518	4320658	+	2	141	GTG	TAG	0	0	
mORF_+_4320678	4320678	4320821	+	3	144	GTG	TAA	0	0	
mORF_+_4320722	4320722	4320904	+	2	183	TTG	TAA	0	0	
mORF_+_4320991	4320991	4321062	+	1	72	ATG	TAA	0	0	
mORF_+_4321032	4321032	4321397	+	3	366	TTG	TAG	0	0	
mORF_+_4321114	4321114	4321272	+	1	159	ATG	TAG	0	0	
mORF_+_4321229	4321229	4321243	+	2	15	GTG	TGA	0	0	
mORF_+_4321256	4321256	4321510	+	2	255	TTG	TAA	0	0	
mORF_+_4321318	4321318	4321437	+	1	120	TTG	TGA	0	0	
mORF_+_4321444	4321444	4321617	+	1	174	GTG	TAG	0	0	
mORF_+_4321539	4321539	4322252	+	3	714	TTG	TGA	0	0	
mORF_+_4321562	4321562	4321624	+	2	63	ATG	TAA	0	0	
mORF_+_4321639	4321639	4321890	+	1	252	TTG	TAG	0	0	
mORF_+_4321915	4321915	4322022	+	1	108	GTG	TAA	0	0	
mORF_+_4322068	4322068	4322160	+	1	93	TTG	TAG	0	0	
mORF_+_4322179	4322179	4322391	+	1	213	TTG	TGA	0	0	
mORF_+_4322249	4322249	4322266	+	2	18	GTG	TAA	0	0	
mORF_+_4322301	4322301	4322315	+	3	15	GTG	TAA	0	0	
mORF_+_4322388	4322388	4322630	+	3	243	ATG	TGA	0	0	
mORF_+_4322434	4322434	4322445	+	1	12	ATG	TAG	0	0	
mORF_+_4322521	4322521	4322535	+	1	15	ATG	TAG	0	0	
mORF_+_4322563	4322563	4322748	+	1	186	GTG	TGA	1	8	pORF_+_4322563
mORF_+_4322712	4322712	4322789	+	3	78	TTG	TAA	0	0	
mORF_+_4322764	4322764	4322922	+	1	159	ATG	TAG	0	0	
mORF_+_4322907	4322907	4323041	+	3	135	TTG	TAA	0	0	
mORF_+_4322941	4322941	4323045	+	1	105	TTG	TGA	0	0	
mORF_+_4323042	4323042	4323050	+	3	9	GTG	TAA	0	0	
mORF_+_4323055	4323055	4323105	+	1	51	GTG	TGA	0	0	
mORF_+_4323102	4323102	4323236	+	3	135	GTG	TGA	0	0	
mORF_+_4323109	4323109	4323138	+	1	30	ATG	TGA	0	0	
mORF_+_4323145	4323145	4323204	+	1	60	TTG	TAA	0	0	
mORF_+_4323209	4323209	4323262	+	2	54	GTG	TAA	0	0	
mORF_+_4323220	4323220	4323252	+	1	33	GTG	TAA	0	0	
mORF_+_4323255	4323255	4323269	+	3	15	GTG	TGA	0	0	
mORF_+_4323266	4323266	4323277	+	2	12	ATG	TAA	0	0	

mORF_+_4323288	4323288	4323530	+	3	243	ATG	TGA	0	0
mORF_+_4323329	4323329	4323343	+	2	15	TTG	TGA	0	0
mORF_+_4323340	4323340	4323516	+	1	177	TTG	TAG	0	0
mORF_+_4323535	4323535	4323678	+	1	144	ATG	TAG	0	0
mORF_+_4323582	4323582	4323647	+	3	66	GTG	TGA	0	0
mORF_+_4323650	4323650	4323670	+	2	21	TTG	TGA	0	0
mORF_+_4323702	4323702	4323758	+	3	57	TTG	TAA	0	0
mORF_+_4323763	4323763	4323822	+	1	60	ATG	TGA	0	0
mORF_+_4323797	4323797	4323802	+	2	6	GTG	TAG	0	0
mORF_+_4323819	4323819	4323989	+	3	171	ATG	TAA	0	0
mORF_+_4323872	4323872	4323889	+	2	18	TTG	TAA	0	0
mORF_+_4323913	4323913	4324089	+	1	177	GTG	TAA	0	0
mORF_+_4323923	4323923	4323928	+	2	6	TTG	TAG	0	0
mORF_+_4324013	4324013	4324189	+	2	177	GTG	TAA	0	0
mORF_+_4324023	4324023	4324028	+	3	6	TTG	TAG	0	0
mORF_+_4324110	4324110	4324289	+	3	180	ATG	TAA	0	0
mORF_+_4324123	4324123	4324128	+	1	6	TTG	TAG	0	0
mORF_+_4324213	4324213	4324677	+	1	465	GTG	TAG	0	0
mORF_+_4324223	4324223	4324228	+	2	6	TTG	TAG	0	0
mORF_+_4324313	4324313	4324576	+	2	264	GTG	TAA	0	0
mORF_+_4324323	4324323	4324328	+	3	6	TTG	TAG	0	0
mORF_+_4324491	4324491	4324751	+	3	261	ATG	TAA	0	0
mORF_+_4324649	4324649	4324915	+	2	267	GTG	TAA	0	0
mORF_+_4324693	4324693	4324716	+	1	24	ATG	TAG	0	0
mORF_+_4324717	4324717	4324941	+	1	225	GTG	TAA	0	0
mORF_+_4324758	4324758	4324844	+	3	87	GTG	TGA	0	0
mORF_+_4324946	4324946	4324975	+	2	30	ATG	TAA	0	0
mORF_+_4324981	4324981	4325001	+	1	21	ATG	TGA	0	0
mORF_+_4325071	4325071	4325079	+	1	9	TTG	TAA	0	0
mORF_+_4325136	4325136	4325144	+	3	9	TTG	TAA	0	0
mORF_+_4325158	4325158	4327386	+	1	2229	ATG	TGA	0	0
mORF_+_4325177	4325177	4325185	+	2	9	ATG	TAA	0	0
mORF_+_4325336	4325336	4325392	+	2	57	ATG	TGA	0	0
mORF_+_4325417	4325417	4325464	+	2	48	ATG	TGA	0	0
mORF_+_4325528	4325528	4325551	+	2	24	ATG	TAA	0	0
mORF_+_4325544	4325544	4325579	+	3	36	TTG	TGA	0	0
mORF_+_4325576	4325576	4325599	+	2	24	GTG	TGA	0	0
mORF_+_4325580	4325580	4325591	+	3	12	TTG	TAA	0	0
mORF_+_4325603	4325603	4325617	+	2	15	ATG	TAG	0	0
mORF_+_4325630	4325630	4325710	+	2	81	GTG	TGA	0	0
mORF_+_4325703	4325703	4325723	+	3	21	TTG	TGA	0	0
mORF_+_4325720	4325720	4325728	+	2	9	ATG	TAG	0	0
mORF_+_4325783	4325783	4325800	+	2	18	TTG	TGA	0	0
mORF_+_4325801	4325801	4325824	+	2	24	TTG	TAG	0	0
mORF_+_4325879	4325879	4325971	+	2	93	ATG	TGA	0	0
mORF_+_4325984	4325984	4326103	+	2	120	ATG	TGA	0	0
mORF_+_4326165	4326165	4326197	+	3	33	GTG	TGA	0	0
mORF_+_4326194	4326194	4326202	+	2	9	ATG	TAG	0	0
mORF_+_4326254	4326254	4326439	+	2	186	TTG	TGA	0	0
mORF_+_4326336	4326336	4326395	+	3	60	GTG	TAA	0	0
mORF_+_4326476	4326476	4326490	+	2	15	GTG	TAA	0	0
mORF_+_4326498	4326498	4326503	+	3	6	TTG	TGA	0	0
mORF_+_4326500	4326500	4326574	+	2	75	GTG	TGA	0	0
mORF_+_4326590	4326590	4326610	+	2	21	ATG	TGA	0	0
mORF_+_4326644	4326644	4326652	+	2	9	ATG	TGA	0	0
mORF_+_4326680	4326680	4326697	+	2	18	ATG	TAA	0	0
mORF_+_4326716	4326716	4326808	+	2	93	GTG	TAA	0	0
mORF_+_4326795	4326795	4326830	+	3	36	TTG	TGA	0	0
mORF_+_4326812	4326812	4326853	+	2	42	ATG	TGA	0	0
mORF_+_4326935	4326935	4326985	+	2	51	GTG	TAG	0	0
mORF_+_4326989	4326989	4327018	+	2	30	TTG	TGA	0	0
mORF_+_4327043	4327043	4327096	+	2	54	ATG	TAA	0	0
mORF_+_4327116	4327116	4327133	+	3	18	TTG	TAA	0	0

mORF_+_4327154	4327154	4327177	+	2	24	ATG	TGA	0	0	
mORF_+_4327203	4327203	4327262	+	3	60	ATG	TGA	0	0	
mORF_+_4327259	4327259	4327279	+	2	21	ATG	TGA	0	0	
mORF_+_4327349	4327349	4327402	+	2	54	ATG	TGA	0	0	
mORF_+_4327383	4327383	4328261	+	3	879	TTG	TAA	2	4	pORF_+_4327383
mORF_+_4327399	4327399	4327446	+	1	48	TTG	TAG	0	0	
mORF_+_4327462	4327462	4327515	+	1	54	GTG	TGA	0	0	
mORF_+_4327534	4327534	4327572	+	1	39	GTG	TAA	0	0	
mORF_+_4327550	4327550	4327585	+	2	36	ATG	TAG	0	0	
mORF_+_4327573	4327573	4327596	+	1	24	ATG	TGA	0	0	
mORF_+_4327729	4327729	4327785	+	1	57	TTG	TAA	0	0	
mORF_+_4327745	4327745	4327816	+	2	72	GTG	TGA	0	0	
mORF_+_4327813	4327813	4328103	+	1	291	GTG	TAA	0	0	
mORF_+_4328051	4328051	4328095	+	2	45	GTG	TGA	0	0	
mORF_+_4328105	4328105	4328134	+	2	30	TTG	TAA	0	0	
mORF_+_4328144	4328144	4328281	+	2	138	TTG	TGA	0	0	
mORF_+_4328278	4328278	4328379	+	1	102	ATG	TGA	0	0	
mORF_+_4328298	4328298	4328333	+	3	36	ATG	TAG	0	0	
mORF_+_4328300	4328300	4328305	+	2	6	GTG	TGA	0	0	
mORF_+_4328376	4328376	4328531	+	3	156	TTG	TGA	0	0	
mORF_+_4328380	4328380	4328394	+	1	15	TTG	TAA	0	0	
mORF_+_4328402	4328402	4328407	+	2	6	GTG	TAA	0	0	
mORF_+_4328423	4328423	4328479	+	2	57	TTG	TGA	0	0	
mORF_+_4328492	4328492	4330027	+	2	1536	TTG	TAA	12	29	pORF_+_4328492
mORF_+_4328500	4328500	4328565	+	1	66	ATG	TGA	0	0	
mORF_+_4328562	4328562	4328678	+	3	117	GTG	TAG	0	0	
mORF_+_4328635	4328635	4328682	+	1	48	ATG	TAA	0	0	
mORF_+_4328721	4328721	4328756	+	3	36	TTG	TGA	0	0	
mORF_+_4328766	4328766	4328837	+	3	72	TTG	TGA	0	0	
mORF_+_4328862	4328862	4328870	+	3	9	TTG	TAA	0	0	
mORF_+_4328889	4328889	4328918	+	3	30	TTG	TGA	0	0	
mORF_+_4328896	4328896	4328925	+	1	30	TTG	TAA	0	0	
mORF_+_4328952	4328952	4329080	+	3	129	GTG	TAA	0	0	
mORF_+_4329090	4329090	4329155	+	3	66	TTG	TAG	0	0	
mORF_+_4329115	4329115	4329222	+	1	108	TTG	TAA	0	0	
mORF_+_4329180	4329180	4329311	+	3	132	ATG	TGA	0	0	
mORF_+_4329313	4329313	4329390	+	1	78	ATG	TAA	0	0	
mORF_+_4329318	4329318	4329329	+	3	12	TTG	TAA	0	0	
mORF_+_4329330	4329330	4329344	+	3	15	TTG	TGA	0	0	
mORF_+_4329453	4329453	4329467	+	3	15	TTG	TGA	0	0	
mORF_+_4329480	4329480	4329560	+	3	81	GTG	TGA	0	0	
mORF_+_4329588	4329588	4329602	+	3	15	TTG	TGA	0	0	
mORF_+_4329720	4329720	4329731	+	3	12	TTG	TGA	0	0	
mORF_+_4329813	4329813	4329821	+	3	9	TTG	TAA	0	0	
mORF_+_4329867	4329867	4330046	+	3	180	GTG	TGA	0	0	
mORF_+_4330046	4330046	4330051	+	2	6	ATG	TGA	0	0	
mORF_+_4330048	4330048	4330074	+	1	27	GTG	TGA	0	0	
mORF_+_4330071	4330071	4330082	+	3	12	TTG	TAA	0	0	
mORF_+_4330134	4330134	4330142	+	3	9	GTG	TGA	0	0	
mORF_+_4330139	4330139	4330228	+	2	90	ATG	TGA	0	0	
mORF_+_4330149	4330149	4330166	+	3	18	GTG	TAA	0	0	
mORF_+_4330215	4330215	4330313	+	3	99	TTG	TAA	0	0	
mORF_+_4330256	4330256	4330300	+	2	45	GTG	TGA	0	0	
mORF_+_4330270	4330270	4330332	+	1	63	TTG	TAA	0	0	
mORF_+_4330313	4330313	4330354	+	2	42	ATG	TAA	0	0	
mORF_+_4330436	4330436	4330495	+	2	60	ATG	TAA	0	0	
mORF_+_4330456	4330456	4330527	+	1	72	TTG	TAA	0	0	
mORF_+_4330542	4330542	4330562	+	3	21	TTG	TGA	0	0	
mORF_+_4330559	4330559	4330672	+	2	114	GTG	TGA	0	0	
mORF_+_4330594	4330594	4330692	+	1	99	TTG	TGA	0	0	
mORF_+_4330689	4330689	4330859	+	3	171	ATG	TAA	0	0	
mORF_+_4330711	4330711	4330761	+	1	51	TTG	TAA	0	0	
mORF_+_4330775	4330775	4330780	+	2	6	ATG	TGA	0	0	

mORF_+_4330777	4330777	4330911	+	1	135	GTG	TAA	0	0
mORF_+_4330880	4330880	4330951	+	2	72	GTG	TGA	0	0
mORF_+_4330948	4330948	4330968	+	1	21	GTG	TAA	0	0
mORF_+_4330952	4330952	4331041	+	2	90	ATG	TGA	0	0
mORF_+_4330999	4330999	4331055	+	1	57	TTG	TAG	0	0
mORF_+_4331120	4331120	4331173	+	2	54	ATG	TGA	0	0
mORF_+_4331125	4331125	4331154	+	1	30	GTG	TAG	0	0
mORF_+_4331191	4331191	4331199	+	1	9	ATG	TAG	0	0
mORF_+_4331234	4331234	4331308	+	2	75	ATG	TAG	0	0
mORF_+_4331260	4331260	4331493	+	1	234	TTG	TAA	0	0
mORF_+_4331274	4331274	4331486	+	3	213	TTG	TGA	0	0
mORF_+_4331351	4331351	4331440	+	2	90	GTG	TAG	0	0
mORF_+_4331441	4331441	4331452	+	2	12	ATG	TAG	0	0
mORF_+_4331483	4331483	4331557	+	2	75	TTG	TGA	0	0
mORF_+_4331496	4331496	4331741	+	3	246	GTG	TGA	0	0
mORF_+_4331567	4331567	4331611	+	2	45	ATG	TGA	0	0
mORF_+_4331617	4331617	4331628	+	1	12	ATG	TAG	0	0
mORF_+_4331647	4331647	4331652	+	1	6	ATG	TAA	0	0
mORF_+_4331714	4331714	4331842	+	2	129	TTG	TAA	0	0
mORF_+_4331791	4331791	4331814	+	1	24	ATG	TAA	0	0
mORF_+_4331842	4331842	4331940	+	1	99	ATG	TAA	0	0
mORF_+_4331880	4331880	4332044	+	3	165	TTG	TAA	0	0
mORF_+_4332055	4332055	4332081	+	1	27	GTG	TAG	0	0
mORF_+_4332072	4332072	4332077	+	3	6	TTG	TGA	0	0
mORF_+_4332074	4332074	4332277	+	2	204	GTG	TAA	0	0
mORF_+_4332081	4332081	4332236	+	3	156	GTG	TAA	0	0
mORF_+_4332193	4332193	4332201	+	1	9	ATG	TAA	0	0
mORF_+_4332220	4332220	4332261	+	1	42	ATG	TAA	0	0
mORF_+_4332246	4332246	4332479	+	3	234	GTG	TAA	0	0
mORF_+_4332271	4332271	4332288	+	1	18	GTG	TGA	0	0
mORF_+_4332343	4332343	4332354	+	1	12	GTG	TAA	0	0
mORF_+_4332355	4332355	4332429	+	1	75	GTG	TGA	0	0
mORF_+_4332407	4332407	4332415	+	2	9	TTG	TAA	0	0
mORF_+_4332442	4332442	4332447	+	1	6	TTG	TAA	0	0
mORF_+_4332469	4332469	4332549	+	1	81	ATG	TAG	0	0
mORF_+_4332498	4332498	4332578	+	3	81	TTG	TAG	0	0
mORF_+_4332559	4332559	4332570	+	1	12	TTG	TGA	0	0
mORF_+_4332589	4332589	4332603	+	1	15	GTG	TGA	0	0
mORF_+_4332600	4332600	4332761	+	3	162	GTG	TGA	0	0
mORF_+_4332640	4332640	4332675	+	1	36	TTG	TGA	0	0
mORF_+_4332676	4332676	4332723	+	1	48	ATG	TAG	0	0
mORF_+_4332704	4332704	4332796	+	2	93	GTG	TAG	0	0
mORF_+_4332748	4332748	4332804	+	1	57	ATG	TAG	0	0
mORF_+_4332853	4332853	4332990	+	1	138	TTG	TGA	0	0
mORF_+_4332942	4332942	4333004	+	3	63	GTG	TGA	0	0
mORF_+_4332977	4332977	4333027	+	2	51	TTG	TAG	0	0
mORF_+_4333018	4333018	4333080	+	1	63	ATG	TAG	0	0
mORF_+_4333094	4333094	4333183	+	2	90	GTG	TGA	0	0
mORF_+_4333135	4333135	4333266	+	1	132	TTG	TAA	0	0
mORF_+_4333245	4333245	4333400	+	3	156	TTG	TAA	0	0
mORF_+_4333250	4333250	4333291	+	2	42	GTG	TAA	0	0
mORF_+_4333279	4333279	4333329	+	1	51	GTG	TAA	0	0
mORF_+_4333336	4333336	4333548	+	1	213	ATG	TAA	0	0
mORF_+_4333346	4333346	4333369	+	2	24	GTG	TAA	0	0
mORF_+_4333382	4333382	4333393	+	2	12	GTG	TAA	0	0
mORF_+_4333412	4333412	4333429	+	2	18	GTG	TAA	0	0
mORF_+_4333476	4333476	4333565	+	3	90	ATG	TAG	0	0
mORF_+_4333618	4333618	4333683	+	1	66	GTG	TAA	0	0
mORF_+_4333644	4333644	4333664	+	3	21	ATG	TAA	0	0
mORF_+_4333686	4333686	4333796	+	3	111	TTG	TGA	0	0
mORF_+_4333699	4333699	4333710	+	1	12	TTG	TAA	0	0
mORF_+_4333724	4333724	4333774	+	2	51	TTG	TAA	0	0
mORF_+_4333759	4333759	4333764	+	1	6	ATG	TAG	0	0

mORF_+_4333787	4333787	4333867	+	2	81	ATG	TAG	0	0	
mORF_+_4333815	4333815	4333826	+	3	12	ATG	TAA	0	0	
mORF_+_4333877	4333877	4333921	+	2	45	ATG	TGA	0	0	
mORF_+_4333896	4333896	4333976	+	3	81	ATG	TAA	0	0	
mORF_+_4333918	4333918	4333941	+	1	24	GTG	TAA	0	0	
mORF_+_4333952	4333952	4333957	+	2	6	GTG	TAA	0	0	
mORF_+_4333979	4333979	4334161	+	2	183	ATG	TGA	1	2	pORF_+_4333979
mORF_+_4334022	4334022	4334039	+	3	18	TTG	TGA	0	0	
mORF_+_4334121	4334121	4334303	+	3	183	GTG	TAG	0	0	
mORF_+_4334158	4334158	4334190	+	1	33	TTG	TGA	0	0	
mORF_+_4334225	4334225	4334341	+	2	117	ATG	TAG	0	0	
mORF_+_4334369	4334369	4334476	+	2	108	ATG	TGA	0	0	
mORF_+_4334473	4334473	4334682	+	1	210	TTG	TAA	0	0	
mORF_+_4334478	4334478	4334504	+	3	27	TTG	TGA	0	0	
mORF_+_4334489	4334489	4334524	+	2	36	GTG	TAG	0	0	
mORF_+_4334511	4334511	4334615	+	3	105	ATG	TGA	0	0	
mORF_+_4334570	4334570	4334716	+	2	147	ATG	TAA	0	0	
mORF_+_4334688	4334688	4334738	+	3	51	ATG	TGA	0	0	
mORF_+_4334735	4334735	4334779	+	2	45	ATG	TAG	0	0	
mORF_+_4334786	4334786	4334794	+	2	9	TTG	TGA	0	0	
mORF_+_4334791	4334791	4334964	+	1	174	TTG	TAA	0	0	
mORF_+_4334850	4334850	4334906	+	3	57	TTG	TAA	0	0	
mORF_+_4334870	4334870	4334926	+	2	57	TTG	TAA	0	0	
mORF_+_4334927	4334927	4335034	+	2	108	ATG	TGA	0	0	
mORF_+_4334955	4334955	4334987	+	3	33	TTG	TAA	0	0	
mORF_+_4335031	4335031	4335060	+	1	30	GTG	TAA	0	0	
mORF_+_4335082	4335082	4335123	+	1	42	GTG	TAG	0	0	
mORF_+_4335124	4335124	4335153	+	1	30	TTG	TGA	0	0	
mORF_+_4335153	4335153	4335170	+	3	18	ATG	TAG	0	0	
mORF_+_4335201	4335201	4335218	+	3	18	GTG	TGA	0	0	
mORF_+_4335212	4335212	4335304	+	2	93	GTG	TGA	0	0	
mORF_+_4335285	4335285	4335290	+	2	6	TTG	TAG	0	0	
mORF_+_4335301	4335301	4335372	+	1	72	GTG	TGA	0	0	
mORF_+_4335357	4335357	4335386	+	3	30	ATG	TAA	0	0	
mORF_+_4335377	4335377	4335418	+	2	42	TTG	TAA	0	0	
mORF_+_4335390	4335390	4335476	+	3	87	GTG	TGA	0	0	
mORF_+_4335424	4335424	4335432	+	1	9	TTG	TAA	0	0	
mORF_+_4335473	4335473	4335526	+	2	54	GTG	TAA	0	0	
mORF_+_4335541	4335541	4335585	+	1	45	ATG	TGA	0	0	
mORF_+_4335582	4335582	4335758	+	3	177	GTG	TAA	1	3	pORF_+_4335582
mORF_+_4335592	4335592	4335690	+	1	99	ATG	TGA	0	0	
mORF_+_4335641	4335641	4335841	+	2	201	GTG	TAA	0	0	
mORF_+_4335762	4335762	4335776	+	3	15	TTG	TGA	0	0	
mORF_+_4335795	4335795	4336025	+	3	231	GTG	TAA	0	0	
mORF_+_4335851	4335851	4335919	+	2	69	ATG	TAA	0	0	
mORF_+_4335932	4335932	4335976	+	2	45	TTG	TAA	0	0	
mORF_+_4335955	4335955	4335966	+	1	12	ATG	TGA	0	0	
mORF_+_4335967	4335967	4336071	+	1	105	GTG	TAA	0	0	
mORF_+_4336026	4336026	4336052	+	3	27	TTG	TAA	0	0	
mORF_+_4336099	4336099	4336170	+	1	72	ATG	TGA	0	0	
mORF_+_4336148	4336148	4336249	+	2	102	GTG	TAA	0	0	
mORF_+_4336167	4336167	4336304	+	3	138	ATG	TAA	0	0	
mORF_+_4336180	4336180	4336197	+	1	18	TTG	TGA	0	0	
mORF_+_4336273	4336273	4336296	+	1	24	GTG	TAA	0	0	
mORF_+_4336298	4336298	4336384	+	2	87	GTG	TAA	0	0	
mORF_+_4336394	4336394	4336468	+	2	75	TTG	TGA	0	0	
mORF_+_4336471	4336471	4336557	+	1	87	TTG	TGA	0	0	
mORF_+_4336479	4336479	4336583	+	3	105	ATG	TAG	0	0	
mORF_+_4336597	4336597	4336743	+	1	147	GTG	TGA	0	0	
mORF_+_4336608	4336608	4336652	+	3	45	TTG	TGA	0	0	
mORF_+_4336649	4336649	4337155	+	2	507	GTG	TAG	0	0	
mORF_+_4336659	4336659	4336670	+	3	12	ATG	TAA	0	0	
mORF_+_4336671	4336671	4336733	+	3	63	GTG	TAG	0	0	

mORF_+_4336740	4336740	4337027	+	3	288	TTG	TGA	0	0	
mORF_+_4337031	4337031	4337069	+	3	39	GTG	TAG	0	0	
mORF_+_4337047	4337047	4337094	+	1	48	TTG	TGA	0	0	
mORF_+_4337073	4337073	4337171	+	3	99	TTG	TGA	0	0	
mORF_+_4337203	4337203	4337313	+	1	111	GTG	TGA	0	0	
mORF_+_4337223	4337223	4337303	+	3	81	TTG	TAG	0	0	
mORF_+_4337291	4337291	4337371	+	2	81	ATG	TGA	0	0	
mORF_+_4337310	4337310	4337354	+	3	45	TTG	TGA	0	0	
mORF_+_4337368	4337368	4337418	+	1	51	GTG	TAG	0	0	
mORF_+_4337388	4337388	4337429	+	3	42	TTG	TGA	0	0	
mORF_+_4337390	4337390	4338397	+	2	1008	GTG	TGA	0	0	
mORF_+_4337448	4337448	4337456	+	3	9	ATG	TAG	0	0	
mORF_+_4337475	4337475	4337489	+	3	15	TTG	TAG	0	0	
mORF_+_4337482	4337482	4337556	+	1	75	GTG	TAG	0	0	
mORF_+_4337580	4337580	4337603	+	3	24	GTG	TAA	0	0	
mORF_+_4337622	4337622	4337690	+	3	69	TTG	TAG	0	0	
mORF_+_4337692	4337692	4337703	+	1	12	TTG	TAA	0	0	
mORF_+_4337703	4337703	4337711	+	3	9	ATG	TAG	0	0	
mORF_+_4337715	4337715	4337735	+	3	21	TTG	TAG	0	0	
mORF_+_4337722	4337722	4337835	+	1	114	TTG	TGA	0	0	
mORF_+_4337772	4337772	4338005	+	3	234	ATG	TAG	0	0	
mORF_+_4337899	4337899	4338042	+	1	144	GTG	TAA	0	0	
mORF_+_4338036	4338036	4338146	+	3	111	TTG	TAG	0	0	
mORF_+_4338121	4338121	4338180	+	1	60	GTG	TAA	0	0	
mORF_+_4338244	4338244	4338330	+	1	87	TTG	TGA	0	0	
mORF_+_4338384	4338384	4338509	+	3	126	ATG	TGA	0	0	
mORF_+_4338394	4338394	4338438	+	1	45	TTG	TAA	0	0	
mORF_+_4338452	4338452	4338463	+	2	12	TTG	TAA	0	0	
mORF_+_4338506	4338506	4338535	+	2	30	TTG	TAA	0	0	
mORF_+_4338547	4338547	4338564	+	1	18	TTG	TGA	0	0	
mORF_+_4338561	4338561	4338638	+	3	78	ATG	TGA	0	0	
mORF_+_4338635	4338635	4338655	+	2	21	TTG	TAA	0	0	
mORF_+_4338666	4338666	4338671	+	3	6	ATG	TGA	0	0	
mORF_+_4338668	4338668	4338844	+	2	177	GTG	TGA	0	0	
mORF_+_4338721	4338721	4338777	+	1	57	TTG	TAA	0	0	
mORF_+_4338780	4338780	4338830	+	3	51	TTG	TAA	0	0	
mORF_+_4338841	4338841	4338918	+	1	78	TTG	TGA	0	0	
mORF_+_4338911	4338911	4339228	+	2	318	GTG	TAA	0	0	
mORF_+_4338915	4338915	4338986	+	3	72	TTG	TAG	0	0	
mORF_+_4338979	4338979	4338996	+	1	18	TTG	TAA	0	0	
mORF_+_4338987	4338987	4339037	+	3	51	TTG	TGA	0	0	
mORF_+_4339107	4339107	4339301	+	3	195	TTG	TGA	0	0	
mORF_+_4339111	4339111	4339131	+	1	21	GTG	TGA	0	0	
mORF_+_4339265	4339265	4339282	+	2	18	TTG	TGA	0	0	
mORF_+_4339270	4339270	4339287	+	1	18	GTG	TGA	0	0	
mORF_+_4339298	4339298	4339402	+	2	105	GTG	TAG	0	0	
mORF_+_4339302	4339302	4339382	+	3	81	GTG	TGA	0	0	
mORF_+_4339403	4339403	4339705	+	2	303	TTG	TGA	0	0	
mORF_+_4339411	4339411	4339434	+	1	24	GTG	TGA	0	0	
mORF_+_4339431	4339431	4339439	+	3	9	GTG	TGA	0	0	
mORF_+_4339446	4339446	4339517	+	3	72	TTG	TGA	0	0	
mORF_+_4339533	4339533	4339844	+	3	312	GTG	TGA	0	0	
mORF_+_4339549	4339549	4339635	+	1	87	GTG	TAA	0	0	
mORF_+_4339654	4339654	4339695	+	1	42	ATG	TGA	0	0	
mORF_+_4339702	4339702	4339797	+	1	96	ATG	TAA	0	0	
mORF_+_4339712	4339712	4339771	+	2	60	GTG	TGA	0	0	
mORF_+_4339849	4339849	4339902	+	1	54	ATG	TGA	0	0	
mORF_+_4339899	4339899	4339937	+	3	39	ATG	TGA	0	0	
mORF_+_4339934	4339934	4341289	+	2	1356	ATG	TAA	3	10	pORF_+_4339934
mORF_+_4339998	4339998	4340027	+	3	30	TTG	TGA	0	0	
mORF_+_4340040	4340040	4340048	+	3	9	TTG	TGA	0	0	
mORF_+_4340055	4340055	4340102	+	3	48	TTG	TGA	0	0	
mORF_+_4340166	4340166	4340222	+	3	57	ATG	TGA	0	0	

mORF_+_4340212	4340212	4340226	+	1	15	TTG	TGA	0	0
mORF_+_4340247	4340247	4340345	+	3	99	ATG	TGA	0	0
mORF_+_4340323	4340323	4340385	+	1	63	GTG	TAA	0	0
mORF_+_4340361	4340361	4340399	+	3	39	ATG	TGA	0	0
mORF_+_4340415	4340415	4340594	+	3	180	ATG	TGA	0	0
mORF_+_4340449	4340449	4340490	+	1	42	GTG	TGA	0	0
mORF_+_4340524	4340524	4340625	+	1	102	TTG	TGA	0	0
mORF_+_4340622	4340622	4340786	+	3	165	ATG	TGA	0	0
mORF_+_4340755	4340755	4340766	+	1	12	GTG	TAA	0	0
mORF_+_4340787	4340787	4340930	+	3	144	TTG	TGA	0	0
mORF_+_4340955	4340955	4340960	+	3	6	GTG	TGA	0	0
mORF_+_4340982	4340982	4340990	+	3	9	ATG	TGA	0	0
mORF_+_4340991	4340991	4341026	+	3	36	TTG	TAG	0	0
mORF_+_4341010	4341010	4341039	+	1	30	ATG	TGA	0	0
mORF_+_4341036	4341036	4341098	+	3	63	TTG	TGA	0	0
mORF_+_4341162	4341162	4341182	+	3	21	GTG	TGA	0	0
mORF_+_4341213	4341213	4341245	+	3	33	TTG	TGA	0	0
mORF_+_4341246	4341246	4341374	+	3	129	TTG	TAA	0	0
mORF_+_4341368	4341368	4342813	+	2	1446	TTG	TGA	0	0
mORF_+_4341423	4341423	4341590	+	3	168	ATG	TAA	0	0
mORF_+_4341580	4341580	4341615	+	1	36	ATG	TAA	0	0
mORF_+_4341591	4341591	4341635	+	3	45	ATG	TGA	0	0
mORF_+_4341678	4341678	4341725	+	3	48	GTG	TGA	0	0
mORF_+_4341718	4341718	4341804	+	1	87	TTG	TAA	0	0
mORF_+_4341807	4341807	4341878	+	3	72	GTG	TGA	0	0
mORF_+_4341888	4341888	4341950	+	3	63	TTG	TGA	0	0
mORF_+_4341963	4341963	4342046	+	3	84	TTG	TGA	0	0
mORF_+_4342062	4342062	4342070	+	3	9	TTG	TAA	0	0
mORF_+_4342093	4342093	4342122	+	1	30	ATG	TAA	0	0
mORF_+_4342113	4342113	4342127	+	3	15	TTG	TAG	0	0
mORF_+_4342149	4342149	4342235	+	3	87	TTG	TGA	0	0
mORF_+_4342285	4342285	4342452	+	1	168	ATG	TGA	0	0
mORF_+_4342320	4342320	4342337	+	3	18	GTG	TAA	0	0
mORF_+_4342371	4342371	4342376	+	3	6	TTG	TGA	0	0
mORF_+_4342377	4342377	4342394	+	3	18	TTG	TGA	0	0
mORF_+_4342395	4342395	4342520	+	3	126	ATG	TGA	0	0
mORF_+_4342536	4342536	4342565	+	3	30	TTG	TAG	0	0
mORF_+_4342572	4342572	4342616	+	3	45	TTG	TAG	0	0
mORF_+_4342635	4342635	4342664	+	3	30	TTG	TAA	0	0
mORF_+_4342698	4342698	4342796	+	3	99	ATG	TGA	0	0
mORF_+_4342797	4342797	4342805	+	3	9	GTG	TGA	0	0
mORF_+_4342815	4342815	4342829	+	3	15	GTG	TAA	0	0
mORF_+_4342835	4342835	4342843	+	2	9	ATG	TGA	0	0
mORF_+_4342843	4342843	4342872	+	1	30	ATG	TAA	0	0
mORF_+_4342850	4342850	4342981	+	2	132	ATG	TAG	0	0
mORF_+_4342872	4342872	4342877	+	3	6	ATG	TAA	0	0
mORF_+_4342882	4342882	4342902	+	1	21	TTG	TAG	0	0
mORF_+_4342991	4342991	4343023	+	2	33	ATG	TAA	0	0
mORF_+_4343023	4343023	4343373	+	1	351	ATG	TGA	0	0
mORF_+_4343054	4343054	4343137	+	2	84	TTG	TAA	0	0
mORF_+_4343058	4343058	4343105	+	3	48	GTG	TGA	0	0
mORF_+_4343267	4343267	4343413	+	2	147	GTG	TAA	0	0
mORF_+_4343277	4343277	4343345	+	3	69	TTG	TAG	0	0
mORF_+_4343346	4343346	4343381	+	3	36	GTG	TGA	0	0
mORF_+_4343388	4343388	4343399	+	3	12	ATG	TAG	0	0
mORF_+_4343430	4343430	4343516	+	3	87	GTG	TAA	0	0
mORF_+_4343464	4343464	4343487	+	1	24	GTG	TGA	0	0
mORF_+_4343495	4343495	4343527	+	2	33	ATG	TAA	0	0
mORF_+_4343539	4343539	4343553	+	1	15	GTG	TAA	0	0
mORF_+_4343547	4343547	4344047	+	3	501	GTG	TGA	0	0
mORF_+_4343569	4343569	4343586	+	1	18	GTG	TGA	0	0
mORF_+_4343651	4343651	4343710	+	2	60	GTG	TAG	0	0
mORF_+_4343710	4343710	4343838	+	1	129	GTG	TAA	0	0

mORF_+_4343857	4343857	4343910	+	1	54	TTG	TAG	0	0
mORF_+_4343971	4343971	4344012	+	1	42	ATG	TAG	0	0
mORF_+_4344031	4344031	4344060	+	1	30	GTG	TAA	0	0
mORF_+_4344035	4344035	4344109	+	2	75	TTG	TGA	0	0
mORF_+_4344099	4344099	4344611	+	3	513	GTG	TAA	0	0
mORF_+_4344106	4344106	4344435	+	1	330	TTG	TGA	0	0
mORF_+_4344161	4344161	4344184	+	2	24	GTG	TAA	0	0
mORF_+_4344308	4344308	4344367	+	2	60	GTG	TGA	0	0
mORF_+_4344425	4344425	4344451	+	2	27	ATG	TAA	0	0
mORF_+_4344457	4344457	4344558	+	1	102	ATG	TGA	0	0
mORF_+_4344605	4344605	4344616	+	2	12	TTG	TGA	0	0
mORF_+_4344613	4344613	4344765	+	1	153	TTG	TAG	0	0
mORF_+_4344666	4344666	4344911	+	3	246	ATG	TGA	0	0
mORF_+_4344775	4344775	4344915	+	1	141	TTG	TAG	0	0
mORF_+_4344908	4344908	4345015	+	2	108	GTG	TGA	0	0
mORF_+_4344937	4344937	4344945	+	1	9	GTG	TAG	0	0
mORF_+_4345012	4345012	4345128	+	1	117	ATG	TGA	0	0
mORF_+_4345083	4345083	4345283	+	3	201	TTG	TAG	0	0
mORF_+_4345154	4345154	4345171	+	2	18	GTG	TAA	0	0
mORF_+_4345234	4345234	4345269	+	1	36	ATG	TAA	0	0
mORF_+_4345276	4345276	4345287	+	1	12	GTG	TAG	0	0
mORF_+_4345297	4345297	4345329	+	1	33	TTG	TAG	0	0
mORF_+_4345319	4345319	4345333	+	2	15	GTG	TAA	0	0
mORF_+_4345339	4345339	4345365	+	1	27	TTG	TAA	0	0
mORF_+_4345343	4345343	4345351	+	2	9	TTG	TAG	0	0
mORF_+_4345374	4345374	4345562	+	3	189	TTG	TGA	0	0
mORF_+_4345387	4345387	4345506	+	1	120	ATG	TAA	0	0
mORF_+_4345421	4345421	4345432	+	2	12	GTG	TAA	0	0
mORF_+_4345511	4345511	4345624	+	2	114	GTG	TGA	0	0
mORF_+_4345596	4345596	4345601	+	3	6	ATG	TAA	0	0
mORF_+_4345618	4345618	4345887	+	1	270	GTG	TAG	0	0
mORF_+_4345632	4345632	4345697	+	1	66	ATG	TGA	0	0
mORF_+_4345710	4345710	4345739	+	3	30	TTG	TAG	0	0
mORF_+_4345793	4345793	4345882	+	2	90	ATG	TGA	0	0
mORF_+_4345806	4345806	4345949	+	3	144	ATG	TGA	0	0
mORF_+_4345974	4345974	4346111	+	3	138	TTG	TAA	0	0
mORF_+_4345987	4345987	4346142	+	1	156	ATG	TGA	0	0
mORF_+_4346139	4346139	4346417	+	3	279	ATG	TAG	0	0
mORF_+_4346227	4346227	4346238	+	1	12	ATG	TGA	0	0
mORF_+_4346239	4346239	4346283	+	1	45	TTG	TGA	0	0
mORF_+_4346264	4346264	4346500	+	2	237	ATG	TGA	0	0
mORF_+_4346350	4346350	4346361	+	1	12	GTG	TAG	0	0
mORF_+_4346365	4346365	4346403	+	1	39	TTG	TAA	0	0
mORF_+_4346418	4346418	4346438	+	3	21	ATG	TAA	0	0
mORF_+_4346463	4346463	4346642	+	3	180	ATG	TGA	0	0
mORF_+_4346470	4346470	4346550	+	1	81	GTG	TGA	0	0
mORF_+_4346540	4346540	4346686	+	2	147	TTG	TAA	0	0
mORF_+_4346584	4346584	4346604	+	1	21	ATG	TGA	0	0
mORF_+_4346626	4346626	4346667	+	1	42	GTG	TGA	0	0
mORF_+_4346664	4346664	4346723	+	3	60	ATG	TAA	0	0
mORF_+_4346742	4346742	4346786	+	3	45	ATG	TAA	0	0
mORF_+_4346750	4346750	4346764	+	2	15	TTG	TAA	0	0
mORF_+_4346768	4346768	4346773	+	2	6	GTG	TGA	0	0
mORF_+_4346770	4346770	4346796	+	1	27	GTG	TAA	0	0
mORF_+_4346801	4346801	4346860	+	2	60	TTG	TAA	0	0
mORF_+_4346835	4346835	4346888	+	3	54	ATG	TAG	0	0
mORF_+_4346869	4346869	4346916	+	1	48	TTG	TGA	0	0
mORF_+_4346909	4346909	4346920	+	2	12	TTG	TAA	0	0
mORF_+_4346936	4346936	4347040	+	2	105	ATG	TGA	0	0
mORF_+_4346943	4346943	4346993	+	3	51	GTG	TAG	0	0
mORF_+_4346995	4346995	4347096	+	1	102	TTG	TAA	0	0
mORF_+_4347059	4347059	4347091	+	2	33	TTG	TAG	0	0
mORF_+_4347111	4347111	4347146	+	3	36	TTG	TAA	0	0

mORF_+_4347113	4347113	4347157	+	2	45	GTG	TAA	0	0	
mORF_+_4347161	4347161	4347175	+	2	15	TTG	TGA	0	0	
mORF_+_4347172	4347172	4347198	+	1	27	TTG	TGA	0	0	
mORF_+_4347219	4347219	4347233	+	3	15	ATG	TAA	0	0	
mORF_+_4347240	4347240	4347263	+	3	24	TTG	TGA	0	0	
mORF_+_4347263	4347263	4347361	+	2	99	ATG	TAG	0	0	
mORF_+_4347270	4347270	4347275	+	3	6	ATG	TAA	0	0	
mORF_+_4347277	4347277	4347306	+	1	30	TTG	TAA	0	0	
mORF_+_4347279	4347279	4347326	+	3	48	GTG	TAA	0	0	
mORF_+_4347361	4347361	4347411	+	1	51	GTG	TGA	0	0	
mORF_+_4347368	4347368	4347508	+	2	141	GTG	TAG	0	0	
mORF_+_4347408	4347408	4347419	+	3	12	GTG	TAA	0	0	
mORF_+_4347429	4347429	4347530	+	3	102	GTG	TAG	0	0	
mORF_+_4347517	4347517	4347708	+	1	192	TTG	TGA	0	0	
mORF_+_4347536	4347536	4347568	+	2	33	ATG	TAA	0	0	
mORF_+_4347561	4347561	4347641	+	3	81	GTG	TGA	0	0	
mORF_+_4347629	4347629	4347637	+	2	9	GTG	TAG	0	0	
mORF_+_4347668	4347668	4347859	+	2	192	ATG	TAA	0	0	
mORF_+_4347705	4347705	4347752	+	3	48	GTG	TAA	0	0	
mORF_+_4347783	4347783	4347887	+	3	105	ATG	TAG	0	0	
mORF_+_4347787	4347787	4347813	+	1	27	TTG	TGA	0	0	
mORF_+_4347878	4347878	4348045	+	2	168	TTG	TAA	0	0	
mORF_+_4347924	4347924	4347977	+	3	54	TTG	TGA	0	0	
mORF_+_4347991	4347991	4348041	+	1	51	GTG	TAA	0	0	
mORF_+_4348050	4348050	4348106	+	3	57	TTG	TGA	0	0	
mORF_+_4348099	4348099	4348176	+	1	78	TTG	TAA	0	0	
mORF_+_4348103	4348103	4348228	+	2	126	GTG	TGA	0	0	
mORF_+_4348170	4348170	4348268	+	3	99	GTG	TAA	0	0	
mORF_+_4348225	4348225	4348338	+	1	114	GTG	TAA	0	0	
mORF_+_4348302	4348302	4348313	+	3	12	ATG	TAA	0	0	
mORF_+_4348338	4348338	4348379	+	3	42	ATG	TAA	0	0	
mORF_+_4348373	4348373	4348543	+	2	171	GTG	TGA	0	0	
mORF_+_4348447	4348447	4348455	+	1	9	ATG	TAA	0	0	
mORF_+_4348550	4348550	4348570	+	2	21	TTG	TAA	0	0	
mORF_+_4348597	4348597	4348605	+	1	9	ATG	TAA	0	0	
mORF_+_4348618	4348618	4348731	+	1	114	ATG	TGA	0	0	
mORF_+_4348656	4348656	4348673	+	3	18	GTG	TGA	0	0	
mORF_+_4348670	4348670	4348918	+	2	249	TTG	TAA	0	0	
mORF_+_4348728	4348728	4348745	+	3	18	TTG	TGA	0	0	
mORF_+_4348863	4348863	4348946	+	3	84	GTG	TGA	0	0	
mORF_+_4348873	4348873	4348881	+	1	9	GTG	TAG	0	0	
mORF_+_4348930	4348930	4349124	+	1	195	TTG	TAA	0	0	
mORF_+_4348943	4348943	4349044	+	2	102	TTG	TAG	0	0	
mORF_+_4349087	4349087	4349218	+	2	132	ATG	TGA	0	0	
mORF_+_4349164	4349164	4349181	+	1	18	TTG	TAA	0	0	
mORF_+_4349209	4349209	4349250	+	1	42	TTG	TAA	0	0	
mORF_+_4349231	4349231	4349335	+	2	105	ATG	TGA	0	0	
mORF_+_4349328	4349328	4349387	+	3	60	ATG	TAA	0	0	
mORF_+_4349356	4349356	4349532	+	1	177	ATG	TAG	0	0	
mORF_+_4349408	4349408	4349476	+	2	69	TTG	TGA	0	0	
mORF_+_4349517	4349517	4349555	+	3	39	GTG	TGA	0	0	
mORF_+_4349522	4349522	4349569	+	2	48	TTG	TAA	0	0	
mORF_+_4349557	4349557	4349589	+	1	33	TTG	TAG	0	0	
mORF_+_4349627	4349627	4349668	+	2	42	GTG	TAG	0	0	
mORF_+_4349673	4349673	4349726	+	3	54	ATG	TGA	0	0	
mORF_+_4349677	4349677	4349811	+	1	135	ATG	TGA	0	0	
mORF_+_4349696	4349696	4349701	+	2	6	GTG	TGA	0	0	
mORF_+_4349726	4349726	4349752	+	2	27	ATG	TAA	0	0	
mORF_+_4349759	4349759	4349770	+	2	12	TTG	TAG	0	0	
mORF_+_4349801	4349801	4350052	+	2	252	GTG	TGA	1	2	pORF_+_4349801
mORF_+_4349808	4349808	4349834	+	3	27	ATG	TAG	0	0	
mORF_+_4349866	4349866	4350096	+	1	231	ATG	TAA	1	2	pORF_+_4349866
mORF_+_4349943	4349943	4349990	+	3	48	ATG	TAA	0	0	

mORF_+_4350006	4350006	4350023	+	3	18	GTG	TGA	0	0
mORF_+_4350053	4350053	4350079	+	2	27	TTG	TGA	0	0
mORF_+_4350060	4350060	4350092	+	3	33	GTG	TAA	0	0
mORF_+_4350108	4350108	4350380	+	3	273	ATG	TGA	0	0
mORF_+_4350145	4350145	4350204	+	1	60	ATG	TAG	0	0
mORF_+_4350223	4350223	4350240	+	1	18	ATG	TGA	0	0
mORF_+_4350253	4350253	4350444	+	1	192	TTG	TGA	0	0
mORF_+_4350320	4350320	4350340	+	2	21	ATG	TGA	0	0
mORF_+_4350377	4350377	4350427	+	2	51	TTG	TGA	0	0
mORF_+_4350456	4350456	4350560	+	3	105	ATG	TAA	0	0
mORF_+_4350467	4350467	4350682	+	2	216	ATG	TAA	0	0
mORF_+_4350567	4350567	4350587	+	3	21	TTG	TAA	0	0
mORF_+_4350607	4350607	4350903	+	1	297	ATG	TAG	0	0
mORF_+_4350701	4350701	4350709	+	2	9	ATG	TGA	0	0
mORF_+_4350731	4350731	4350757	+	2	27	ATG	TGA	0	0
mORF_+_4350758	4350758	4350778	+	2	21	ATG	TAA	0	0
mORF_+_4350797	4350797	4350814	+	2	18	GTG	TAA	0	0
mORF_+_4350825	4350825	4350848	+	3	24	ATG	TGA	0	0
mORF_+_4350845	4350845	4350868	+	2	24	TTG	TGA	0	0
mORF_+_4350872	4350872	4350916	+	2	45	TTG	TAA	0	0
mORF_+_4350931	4350931	4351104	+	1	174	ATG	TAG	0	0
mORF_+_4350962	4350962	4350967	+	2	6	ATG	TGA	0	0
mORF_+_4350968	4350968	4350976	+	2	9	TTG	TGA	0	0
mORF_+_4350986	4350986	4351057	+	2	72	TTG	TAA	0	0
mORF_+_4351114	4351114	4351257	+	1	144	TTG	TAA	0	0
mORF_+_4351118	4351118	4351198	+	2	81	GTG	TGA	0	0
mORF_+_4351271	4351271	4351453	+	2	183	ATG	TAA	0	0
mORF_+_4351327	4351327	4351404	+	1	78	TTG	TAG	0	0
mORF_+_4351377	4351377	4351436	+	3	60	ATG	TGA	0	0
mORF_+_4351488	4351488	4351586	+	3	99	ATG	TGA	0	0
mORF_+_4351537	4351537	4351572	+	1	36	GTG	TAA	0	0
mORF_+_4351579	4351579	4351626	+	1	48	TTG	TGA	0	0
mORF_+_4351592	4351592	4351681	+	2	90	ATG	TAA	0	0
mORF_+_4351623	4351623	4351805	+	3	183	GTG	TAA	0	0
mORF_+_4351681	4351681	4351689	+	1	9	ATG	TAG	0	0
mORF_+_4351744	4351744	4351761	+	1	18	TTG	TGA	0	0
mORF_+_4351793	4351793	4351855	+	2	63	ATG	TGA	0	0
mORF_+_4351806	4351806	4351883	+	3	78	GTG	TAA	0	0
mORF_+_4351834	4351834	4351917	+	1	84	GTG	TGA	0	0
mORF_+_4351877	4351877	4352047	+	2	171	GTG	TAA	0	0
mORF_+_4351896	4351896	4351901	+	3	6	ATG	TAG	0	0
mORF_+_4351914	4351914	4352063	+	3	150	GTG	TGA	0	0
mORF_+_4352060	4352060	4352179	+	2	120	ATG	TGA	0	0
mORF_+_4352086	4352086	4352133	+	1	48	ATG	TAA	0	0
mORF_+_4352148	4352148	4352156	+	3	9	ATG	TGA	0	0
mORF_+_4352176	4352176	4352214	+	1	39	TTG	TAG	0	0
mORF_+_4352195	4352195	4352284	+	2	90	TTG	TAA	0	0
mORF_+_4352217	4352217	4352231	+	3	15	ATG	TAA	0	0
mORF_+_4352293	4352293	4352301	+	1	9	GTG	TAG	0	0
mORF_+_4352324	4352324	4352551	+	2	228	GTG	TAA	0	0
mORF_+_4352328	4352328	4352408	+	3	81	ATG	TGA	0	0
mORF_+_4352440	4352440	4352505	+	1	66	TTG	TGA	0	0
mORF_+_4352502	4352502	4352651	+	3	150	ATG	TGA	0	0
mORF_+_4352591	4352591	4352656	+	2	66	GTG	TAG	0	0
mORF_+_4352656	4352656	4352697	+	1	42	GTG	TAA	0	0
mORF_+_4352712	4352712	4352777	+	3	66	TTG	TAG	0	0
mORF_+_4352722	4352722	4352754	+	1	33	GTG	TAA	0	0
mORF_+_4352729	4352729	4352926	+	2	198	TTG	TAG	0	0
mORF_+_4352892	4352892	4352900	+	3	9	ATG	TAA	0	0
mORF_+_4352901	4352901	4352912	+	3	12	ATG	TAA	0	0
mORF_+_4352920	4352920	4352934	+	1	15	TTG	TAA	0	0
mORF_+_4352962	4352962	4353213	+	1	252	TTG	TAA	0	0
mORF_+_4352984	4352984	4353088	+	2	105	TTG	TGA	0	0

mORF_+_4353114	4353114	4353128	+	3	15	TTG	TAA	0	0
mORF_+_4353150	4353150	4353239	+	3	90	GTG	TGA	0	0
mORF_+_4353173	4353173	4353202	+	2	30	TTG	TAA	0	0
mORF_+_4353236	4353236	4353325	+	2	90	GTG	TGA	0	0
mORF_+_4353241	4353241	4353288	+	1	48	TTG	TAG	0	0
mORF_+_4353315	4353315	4353368	+	3	54	TTG	TAA	0	0
mORF_+_4353322	4353322	4353390	+	1	69	TTG	TAA	0	0
mORF_+_4353420	4353420	4353518	+	3	99	ATG	TAG	0	0
mORF_+_4353428	4353428	4353541	+	2	114	TTG	TGA	0	0
mORF_+_4353534	4353534	4353563	+	3	30	ATG	TAA	0	0
mORF_+_4353572	4353572	4353868	+	2	297	ATG	TGA	0	0
mORF_+_4353589	4353589	4353774	+	1	186	TTG	TAA	0	0
mORF_+_4353591	4353591	4353671	+	3	81	GTG	TGA	0	0
mORF_+_4353693	4353693	4353704	+	3	12	GTG	TGA	0	0
mORF_+_4353852	4353852	4353902	+	3	51	GTG	TAA	0	0
mORF_+_4353865	4353865	4353882	+	1	18	ATG	TAA	0	0
mORF_+_4353905	4353905	4353952	+	2	48	ATG	TGA	0	0
mORF_+_4353934	4353934	4354083	+	1	150	ATG	TGA	0	0
mORF_+_4353972	4353972	4353986	+	3	15	TTG	TAG	0	0
mORF_+_4353995	4353995	4354039	+	2	45	TTG	TGA	0	0
mORF_+_4354076	4354076	4354099	+	2	24	ATG	TAG	0	0
mORF_+_4354080	4354080	4354088	+	3	9	TTG	TGA	0	0
mORF_+_4354109	4354109	4354264	+	2	156	ATG	TAA	0	0
mORF_+_4354113	4354113	4354136	+	3	24	TTG	TAA	0	0
mORF_+_4354140	4354140	4354253	+	3	114	TTG	TAG	0	0
mORF_+_4354168	4354168	4354185	+	1	18	ATG	TAA	0	0
mORF_+_4354278	4354278	4354286	+	3	9	ATG	TGA	0	0
mORF_+_4354295	4354295	4354324	+	2	30	ATG	TGA	0	0
mORF_+_4354300	4354300	4354347	+	1	48	ATG	TAA	0	0
mORF_+_4354328	4354328	4354336	+	2	9	GTG	TAG	0	0
mORF_+_4354340	4354340	4354363	+	2	24	ATG	TAA	0	0
mORF_+_4354384	4354384	4354422	+	1	39	TTG	TGA	0	0
mORF_+_4354419	4354419	4354532	+	3	114	GTG	TAG	0	0
mORF_+_4354433	4354433	4354492	+	2	60	ATG	TAA	0	0
mORF_+_4354435	4354435	4354449	+	1	15	GTG	TGA	0	0
mORF_+_4354480	4354480	4354524	+	1	45	TTG	TAA	0	0
mORF_+_4354552	4354552	4354647	+	1	96	ATG	TGA	0	0
mORF_+_4354559	4354559	4355623	+	2	1065	GTG	TGA	0	0
mORF_+_4354644	4354644	4354736	+	3	93	GTG	TAA	0	0
mORF_+_4354771	4354771	4354974	+	1	204	ATG	TAA	0	0
mORF_+_4354839	4354839	4354847	+	3	9	TTG	TGA	0	0
mORF_+_4354857	4354857	4354871	+	3	15	TTG	TGA	0	0
mORF_+_4354890	4354890	4354901	+	3	12	ATG	TAG	0	0
mORF_+_4354935	4354935	4355270	+	3	336	ATG	TGA	0	0
mORF_+_4355002	4355002	4355031	+	1	30	GTG	TGA	0	0
mORF_+_4355322	4355322	4355435	+	3	114	TTG	TAG	0	0
mORF_+_4355445	4355445	4355465	+	3	21	GTG	TAG	0	0
mORF_+_4355511	4355511	4355522	+	3	12	ATG	TGA	0	0
mORF_+_4355541	4355541	4355546	+	3	6	TTG	TGA	0	0
mORF_+_4355547	4355547	4355564	+	3	18	GTG	TAA	0	0
mORF_+_4355620	4355620	4355688	+	1	69	GTG	TGA	0	0
mORF_+_4355628	4355628	4355636	+	3	9	TTG	TAA	0	0
mORF_+_4355657	4355657	4356094	+	2	438	GTG	TGA	0	0
mORF_+_4355661	4355661	4355720	+	3	60	ATG	TAG	0	0
mORF_+_4355727	4355727	4355837	+	3	111	TTG	TAA	0	0
mORF_+_4355755	4355755	4355784	+	1	30	TTG	TAG	0	0
mORF_+_4355812	4355812	4355871	+	1	60	GTG	TAA	0	0
mORF_+_4355904	4355904	4356002	+	3	99	TTG	TAG	0	0
mORF_+_4356048	4356048	4356065	+	3	18	TTG	TGA	0	0
mORF_+_4356052	4356052	4356231	+	1	180	GTG	TAA	0	0
mORF_+_4356096	4356096	4356140	+	3	45	ATG	TAG	0	0
mORF_+_4356183	4356183	4356188	+	3	6	ATG	TGA	0	0
mORF_+_4356185	4356185	4356349	+	2	165	GTG	TAA	0	0

mORF_+_4356235	4356235	4356243	+	1	9	GTG	TAG	0	0
mORF_+_4356261	4356261	4356539	+	3	279	GTG	TAA	0	0
mORF_+_4356572	4356572	4356658	+	2	87	ATG	TAA	0	0
mORF_+_4356585	4356585	4356605	+	3	21	ATG	TAA	0	0
mORF_+_4356612	4356612	4356617	+	3	6	ATG	TGA	0	0
mORF_+_4356625	4356625	4356633	+	1	9	TTG	TAA	0	0
mORF_+_4356678	4356678	4356719	+	3	42	ATG	TAA	0	0
mORF_+_4356688	4356688	4356723	+	1	36	ATG	TAA	0	0
mORF_+_4356723	4356723	4356755	+	3	33	ATG	TGA	0	0
mORF_+_4356725	4356725	4356733	+	2	9	GTG	TAG	0	0
mORF_+_4356739	4356739	4356789	+	1	51	GTG	TAG	0	0
mORF_+_4356752	4356752	4356802	+	2	51	TTG	TAA	0	0
mORF_+_4356756	4356756	4357268	+	3	513	GTG	TGA	0	0
mORF_+_4356814	4356814	4356954	+	1	141	ATG	TAG	0	0
mORF_+_4356842	4356842	4356862	+	2	21	TTG	TGA	0	0
mORF_+_4357013	4357013	4357045	+	2	33	ATG	TGA	0	0
mORF_+_4357042	4357042	4357128	+	1	87	GTG	TAA	0	0
mORF_+_4357222	4357222	4357338	+	1	117	GTG	TGA	0	0
mORF_+_4357226	4357226	4357264	+	2	39	ATG	TAG	0	0
mORF_+_4357265	4357265	4357276	+	2	12	TTG	TGA	0	0
mORF_+_4357277	4357277	4357417	+	2	141	TTG	TAA	0	0
mORF_+_4357348	4357348	4357353	+	1	6	ATG	TAA	0	0
mORF_+_4357381	4357381	4357497	+	1	117	ATG	TGA	0	0
mORF_+_4357494	4357494	4357619	+	3	126	ATG	TAA	0	0
mORF_+_4357504	4357504	4357536	+	1	33	GTG	TAA	0	0
mORF_+_4357538	4357538	4357570	+	2	33	TTG	TAG	0	0
mORF_+_4357612	4357612	4357737	+	1	126	GTG	TAA	0	0
mORF_+_4357782	4357782	4357961	+	3	180	ATG	TAG	0	0
mORF_+_4357814	4357814	4357915	+	2	102	ATG	TAA	0	0
mORF_+_4357955	4357955	4358137	+	2	183	TTG	TAA	0	0
mORF_+_4358041	4358041	4358067	+	1	27	TTG	TAA	0	0
mORF_+_4358076	4358076	4358099	+	3	24	TTG	TGA	0	0
mORF_+_4358175	4358175	4358183	+	3	9	GTG	TAA	0	0
mORF_+_4358201	4358201	4358212	+	2	12	GTG	TGA	0	0
mORF_+_4358209	4358209	4358262	+	1	54	TTG	TAA	0	0
mORF_+_4358243	4358243	4358254	+	2	12	TTG	TGA	0	0
mORF_+_4358270	4358270	4358305	+	2	36	ATG	TAA	0	0
mORF_+_4358284	4358284	4358427	+	1	144	TTG	TGA	0	0
mORF_+_4358310	4358310	4358315	+	3	6	ATG	TAA	0	0
mORF_+_4358324	4358324	4358449	+	2	126	ATG	TAA	0	0
mORF_+_4358504	4358504	4358581	+	2	78	GTG	TAA	0	0
mORF_+_4358508	4358508	4358528	+	3	21	TTG	TAA	0	0
mORF_+_4358541	4358541	4358684	+	3	144	ATG	TGA	0	0
mORF_+_4358585	4358585	4358602	+	2	18	TTG	TAA	0	0
mORF_+_4358627	4358627	4358650	+	2	24	ATG	TAA	0	0
mORF_+_4358695	4358695	4358769	+	1	75	TTG	TAA	0	0
mORF_+_4358705	4358705	4358794	+	2	90	ATG	TGA	0	0
mORF_+_4358730	4358730	4358735	+	3	6	GTG	TAA	0	0
mORF_+_4358760	4358760	4358843	+	3	84	GTG	TAA	0	0
mORF_+_4358770	4358770	4358784	+	1	15	TTG	TAA	0	0
mORF_+_4358788	4358788	4358817	+	1	30	ATG	TAA	0	0
mORF_+_4358853	4358853	4358945	+	3	93	ATG	TAG	0	0
mORF_+_4358857	4358857	4358874	+	1	18	TTG	TAA	0	0
mORF_+_4358911	4358911	4358919	+	1	9	ATG	TAA	0	0
mORF_+_4358926	4358926	4358949	+	1	24	ATG	TAA	0	0
mORF_+_4358962	4358962	4359018	+	1	57	ATG	TAA	0	0
mORF_+_4359000	4359000	4359074	+	3	75	GTG	TAG	0	0
mORF_+_4359049	4359049	4359105	+	1	57	TTG	TGA	0	0
mORF_+_4359074	4359074	4359085	+	2	12	GTG	TAA	0	0
mORF_+_4359098	4359098	4359151	+	2	54	ATG	TGA	0	0
mORF_+_4359102	4359102	4359140	+	3	39	TTG	TAA	0	0
mORF_+_4359145	4359145	4359189	+	1	45	TTG	TAA	0	0
mORF_+_4359189	4359189	4359230	+	3	42	ATG	TGA	0	0

mORF_+_4359218	4359218	4359226	+	2	9	ATG	TAG	0	0	
mORF_+_4359227	4359227	4359304	+	2	78	TTG	TAA	0	0	
mORF_+_4359238	4359238	4359270	+	1	33	ATG	TGA	0	0	
mORF_+_4359267	4359267	4359356	+	3	90	GTG	TAA	0	0	
mORF_+_4359356	4359356	4359541	+	2	186	ATG	TGA	1	2	pORF_+_4359356
mORF_+_4359369	4359369	4359377	+	3	9	GTG	TGA	0	0	
mORF_+_4359408	4359408	4359488	+	3	81	GTG	TAG	0	0	
mORF_+_4359514	4359514	4359609	+	1	96	TTG	TAG	0	0	
mORF_+_4359522	4359522	4359548	+	3	27	GTG	TAA	0	0	
mORF_+_4359542	4359542	4359667	+	2	126	ATG	TAG	0	0	
mORF_+_4359675	4359675	4359686	+	3	12	TTG	TAG	0	0	
mORF_+_4359723	4359723	4359770	+	3	48	ATG	TGA	0	0	
mORF_+_4359760	4359760	4359861	+	1	102	GTG	TAA	0	0	
mORF_+_4359764	4359764	4359835	+	2	72	TTG	TGA	0	0	
mORF_+_4359880	4359880	4359993	+	1	114	TTG	TGA	0	0	
mORF_+_4359890	4359890	4359985	+	2	96	TTG	TGA	0	0	
mORF_+_4359990	4359990	4360025	+	3	36	ATG	TAG	0	0	
mORF_+_4359997	4359997	4360098	+	1	102	TTG	TAG	0	0	
mORF_+_4360026	4360026	4360052	+	3	27	ATG	TGA	0	0	
mORF_+_4360046	4360046	4360081	+	2	36	TTG	TAA	0	0	
mORF_+_4360053	4360053	4360133	+	3	81	ATG	TAA	0	0	
mORF_+_4360162	4360162	4360236	+	1	75	TTG	TAG	0	0	
mORF_+_4360175	4360175	4360189	+	2	15	ATG	TAA	0	0	
mORF_+_4360193	4360193	4360225	+	2	33	ATG	TAA	0	0	
mORF_+_4360230	4360230	4360247	+	3	18	TTG	TGA	0	0	
mORF_+_4360240	4360240	4360260	+	1	21	TTG	TGA	0	0	
mORF_+_4360244	4360244	4360462	+	2	219	ATG	TGA	0	0	
mORF_+_4360272	4360272	4360346	+	3	75	TTG	TGA	0	0	
mORF_+_4360330	4360330	4360359	+	1	30	ATG	TGA	0	0	
mORF_+_4360356	4360356	4360412	+	3	57	TTG	TAG	0	0	
mORF_+_4360435	4360435	4360482	+	1	48	TTG	TGA	0	0	
mORF_+_4360464	4360464	4360517	+	3	54	GTG	TAA	0	0	
mORF_+_4360499	4360499	4360570	+	2	72	TTG	TGA	0	0	
mORF_+_4360521	4360521	4360532	+	3	12	GTG	TGA	0	0	
mORF_+_4360551	4360551	4360664	+	3	114	GTG	TAA	0	0	
mORF_+_4360567	4360567	4360638	+	1	72	ATG	TGA	0	0	
mORF_+_4360724	4360724	4360957	+	2	234	TTG	TAG	0	0	
mORF_+_4360747	4360747	4360866	+	1	120	GTG	TAA	0	0	
mORF_+_4360764	4360764	4360949	+	3	186	ATG	TGA	0	0	
mORF_+_4360942	4360942	4361037	+	1	96	GTG	TAG	0	0	
mORF_+_4361054	4361054	4361083	+	2	30	TTG	TGA	0	0	
mORF_+_4361088	4361088	4361165	+	3	78	GTG	TAA	0	0	
mORF_+_4361101	4361101	4361220	+	1	120	TTG	TAG	0	0	
mORF_+_4361190	4361190	4361399	+	3	210	TTG	TGA	0	0	
mORF_+_4361198	4361198	4361236	+	2	39	TTG	TAA	0	0	
mORF_+_4361264	4361264	4361548	+	2	285	GTG	TGA	0	0	
mORF_+_4361281	4361281	4361286	+	1	6	TTG	TAA	0	0	
mORF_+_4361326	4361326	4361481	+	1	156	TTG	TAG	0	0	
mORF_+_4361430	4361430	4361495	+	3	66	GTG	TAA	0	0	
mORF_+_4361497	4361497	4361505	+	1	9	ATG	TAA	0	0	
mORF_+_4361518	4361518	4361553	+	1	36	TTG	TAA	0	0	
mORF_+_4361520	4361520	4361537	+	3	18	GTG	TGA	0	0	
mORF_+_4361558	4361558	4361641	+	2	84	GTG	TAA	0	0	
mORF_+_4361575	4361575	4361649	+	1	75	TTG	TAA	0	0	
mORF_+_4361660	4361660	4361686	+	2	27	TTG	TGA	0	0	
mORF_+_4361705	4361705	4361734	+	2	30	TTG	TGA	0	0	
mORF_+_4361710	4361710	4361850	+	1	141	TTG	TAG	0	0	
mORF_+_4361712	4361712	4361717	+	3	6	GTG	TAA	0	0	
mORF_+_4361760	4361760	4361789	+	3	30	ATG	TAA	0	0	
mORF_+_4361793	4361793	4361813	+	3	21	ATG	TAA	0	0	
mORF_+_4361855	4361855	4362073	+	2	219	GTG	TAG	0	0	
mORF_+_4361877	4361877	4361984	+	3	108	ATG	TGA	0	0	
mORF_+_4361986	4361986	4362042	+	1	57	TTG	TAG	0	0	

mORF_+_4362083	4362083	4362406	+	2	324	GTG	TAG	0	0	
mORF_+_4362112	4362112	4362162	+	1	51	TTG	TGA	0	0	
mORF_+_4362144	4362144	4362191	+	3	48	GTG	TAA	0	0	
mORF_+_4362207	4362207	4362242	+	3	36	GTG	TGA	0	0	
mORF_+_4362220	4362220	4362294	+	1	75	TTG	TGA	0	0	
mORF_+_4362246	4362246	4362278	+	3	33	GTG	TAA	0	0	
mORF_+_4362291	4362291	4362311	+	3	21	TTG	TAA	0	0	
mORF_+_4362339	4362339	4362434	+	3	96	ATG	TAA	0	0	
mORF_+_4362343	4362343	4362351	+	1	9	GTG	TAG	0	0	
mORF_+_4362447	4362447	4362530	+	3	84	ATG	TAA	0	0	
mORF_+_4362458	4362458	4362682	+	2	225	GTG	TAA	0	0	
mORF_+_4362580	4362580	4362654	+	1	75	TTG	TAA	0	0	
mORF_+_4362621	4362621	4362716	+	3	96	GTG	TGA	0	0	
mORF_+_4362713	4362713	4362781	+	2	69	GTG	TAA	0	0	
mORF_+_4362791	4362791	4362799	+	2	9	TTG	TAA	0	0	
mORF_+_4362811	4362811	4362984	+	1	174	ATG	TGA	0	0	
mORF_+_4362866	4362866	4362886	+	2	21	ATG	TAG	0	0	
mORF_+_4362902	4362902	4362943	+	2	42	TTG	TGA	0	0	
mORF_+_4362981	4362981	4363049	+	3	69	GTG	TAA	0	0	
mORF_+_4363022	4363022	4363060	+	2	39	GTG	TGA	0	0	
mORF_+_4363057	4363057	4363074	+	1	18	TTG	TAA	0	0	
mORF_+_4363064	4363064	4363093	+	2	30	ATG	TAA	0	0	
mORF_+_4363078	4363078	4363122	+	1	45	GTG	TGA	0	0	
mORF_+_4363086	4363086	4363100	+	3	15	GTG	TAA	0	0	
mORF_+_4363119	4363119	4363184	+	3	66	TTG	TAA	0	0	
mORF_+_4363124	4363124	4363177	+	2	54	ATG	TAG	0	0	
mORF_+_4363206	4363206	4363301	+	3	96	TTG	TAA	0	0	
mORF_+_4363291	4363291	4363476	+	1	186	TTG	TGA	0	0	
mORF_+_4363325	4363325	4363381	+	2	57	GTG	TAA	0	0	
mORF_+_4363473	4363473	4363505	+	3	33	GTG	TGA	0	0	
mORF_+_4363502	4363502	4363648	+	2	147	ATG	TAG	1	15	pORF_+_4363502
mORF_+_4363573	4363573	4363707	+	1	135	ATG	TGA	0	0	
mORF_+_4363658	4363658	4363759	+	2	102	ATG	TGA	0	0	
mORF_+_4363704	4363704	4363793	+	3	90	GTG	TGA	0	0	
mORF_+_4363790	4363790	4363813	+	2	24	ATG	TGA	0	0	
mORF_+_4363810	4363810	4364358	+	1	549	ATG	TGA	0	0	
mORF_+_4363841	4363841	4364080	+	2	240	TTG	TAG	0	0	
mORF_+_4363986	4363986	4363997	+	3	12	TTG	TGA	0	0	
mORF_+_4364013	4364013	4364069	+	3	57	TTG	TGA	0	0	
mORF_+_4364073	4364073	4364084	+	3	12	TTG	TAA	0	0	
mORF_+_4364127	4364127	4364141	+	3	15	TTG	TGA	0	0	
mORF_+_4364138	4364138	4364200	+	2	63	TTG	TAA	0	0	
mORF_+_4364219	4364219	4364308	+	2	90	TTG	TAG	0	0	
mORF_+_4364312	4364312	4364320	+	2	9	ATG	TGA	0	0	
mORF_+_4364339	4364339	4364344	+	2	6	ATG	TAA	0	0	
mORF_+_4364361	4364361	4364375	+	3	15	TTG	TGA	0	0	
mORF_+_4364372	4364372	4364512	+	2	141	GTG	TAG	0	0	
mORF_+_4364431	4364431	4364793	+	1	363	TTG	TAG	0	0	
mORF_+_4364463	4364463	4364501	+	3	39	GTG	TAG	0	0	
mORF_+_4364523	4364523	4364537	+	3	15	GTG	TGA	0	0	
mORF_+_4364534	4364534	4364575	+	2	42	GTG	TGA	0	0	
mORF_+_4364609	4364609	4364818	+	2	210	ATG	TAA	0	0	
mORF_+_4364808	4364808	4364846	+	3	39	TTG	TAA	0	0	
mORF_+_4364834	4364834	4364881	+	2	48	TTG	TGA	0	0	
mORF_+_4364883	4364883	4365098	+	3	216	GTG	TGA	0	0	
mORF_+_4364896	4364896	4365444	+	1	549	TTG	TGA	0	0	
mORF_+_4364948	4364948	4364953	+	2	6	TTG	TAA	0	0	
mORF_+_4365074	4365074	4365091	+	2	18	ATG	TGA	0	0	
mORF_+_4365095	4365095	4365112	+	2	18	ATG	TAA	0	0	
mORF_+_4365131	4365131	4365136	+	2	6	TTG	TAA	0	0	
mORF_+_4365158	4365158	4365202	+	2	45	TTG	TAG	0	0	
mORF_+_4365209	4365209	4365223	+	2	15	TTG	TGA	0	0	
mORF_+_4365236	4365236	4365280	+	2	45	ATG	TGA	0	0	

mORF_+_4365296	4365296	4365511	+	2	216	ATG	TGA	0	0	
mORF_+_4365435	4365435	4365518	+	3	84	GTG	TAA	0	0	
mORF_+_4365508	4365508	4366347	+	1	840	GTG	TGA	0	0	
mORF_+_4365570	4365570	4365584	+	3	15	ATG	TAA	0	0	
mORF_+_4365629	4365629	4365748	+	2	120	GTG	TGA	0	0	
mORF_+_4365648	4365648	4365668	+	3	21	TTG	TAA	0	0	
mORF_+_4365800	4365800	4365883	+	2	84	ATG	TAA	0	0	
mORF_+_4365920	4365920	4365928	+	2	9	GTG	TGA	0	0	
mORF_+_4365932	4365932	4365964	+	2	33	TTG	TGA	0	0	
mORF_+_4366004	4366004	4366060	+	2	57	TTG	TAG	0	0	
mORF_+_4366082	4366082	4366249	+	2	168	ATG	TAG	0	0	
mORF_+_4366113	4366113	4366124	+	3	12	ATG	TGA	0	0	
mORF_+_4366167	4366167	4366175	+	3	9	TTG	TAG	0	0	
mORF_+_4366271	4366271	4366276	+	2	6	GTG	TGA	0	0	
mORF_+_4366337	4366337	4366354	+	2	18	ATG	TGA	0	0	
mORF_+_4366344	4366344	4366379	+	3	36	TTG	TGA	0	0	
mORF_+_4366351	4366351	4366389	+	1	39	GTG	TAA	0	0	
mORF_+_4366376	4366376	4366477	+	2	102	ATG	TGA	0	0	
mORF_+_4366405	4366405	4366542	+	1	138	GTG	TGA	0	0	
mORF_+_4366467	4366467	4366535	+	3	69	ATG	TAA	0	0	
mORF_+_4366508	4366508	4366528	+	2	21	GTG	TAA	0	0	
mORF_+_4366539	4366539	4366547	+	3	9	GTG	TAG	0	0	
mORF_+_4366557	4366557	4366595	+	3	39	TTG	TGA	0	0	
mORF_+_4366579	4366579	4366620	+	1	42	TTG	TAA	0	0	
mORF_+_4366592	4366592	4366606	+	2	15	TTG	TAA	0	0	
mORF_+_4366687	4366687	4367163	+	1	477	TTG	TAA	0	0	
mORF_+_4366706	4366706	4366780	+	2	75	TTG	TGA	0	0	
mORF_+_4366880	4366880	4366903	+	2	24	GTG	TGA	0	0	
mORF_+_4366910	4366910	4366921	+	2	12	GTG	TGA	0	0	
mORF_+_4366925	4366925	4367011	+	2	87	TTG	TGA	0	0	
mORF_+_4367078	4367078	4367257	+	2	180	GTG	TAG	0	0	
mORF_+_4367163	4367163	4367246	+	3	84	ATG	TGA	0	0	
mORF_+_4367277	4367277	4367381	+	3	105	TTG	TAA	0	0	
mORF_+_4367335	4367335	4367343	+	1	9	TTG	TAA	0	0	
mORF_+_4367360	4367360	4367374	+	2	15	ATG	TAA	0	0	
mORF_+_4367387	4367387	4367401	+	2	15	ATG	TAA	0	0	
mORF_+_4367420	4367420	4367437	+	2	18	TTG	TGA	0	0	
mORF_+_4367434	4367434	4367634	+	1	201	ATG	TAA	0	0	
mORF_+_4367447	4367447	4367524	+	2	78	GTG	TAG	0	0	
mORF_+_4367514	4367514	4367588	+	3	75	GTG	TGA	0	0	
mORF_+_4367582	4367582	4367611	+	2	30	ATG	TAG	0	0	
mORF_+_4367667	4367667	4367807	+	3	141	TTG	TAA	0	0	
mORF_+_4367713	4367713	4367718	+	1	6	GTG	TAA	0	0	
mORF_+_4367821	4367821	4367865	+	1	45	ATG	TGA	0	0	
mORF_+_4367829	4367829	4367888	+	3	60	ATG	TAA	0	0	
mORF_+_4367904	4367904	4367933	+	3	30	GTG	TGA	0	0	
mORF_+_4367930	4367930	4368241	+	2	312	TTG	TAG	0	0	
mORF_+_4367992	4367992	4367997	+	1	6	TTG	TAG	0	0	
mORF_+_4368073	4368073	4368126	+	1	54	TTG	TAG	0	0	
mORF_+_4368126	4368126	4368152	+	3	27	GTG	TGA	0	0	
mORF_+_4368214	4368214	4368285	+	1	72	GTG	TAA	0	0	
mORF_+_4368320	4368320	4368442	+	2	123	TTG	TGA	0	0	
mORF_+_4368375	4368375	4368425	+	3	51	ATG	TGA	0	0	
mORF_+_4368418	4368418	4368492	+	1	75	TTG	TAG	0	0	
mORF_+_4368450	4368450	4368536	+	3	87	TTG	TGA	0	0	
mORF_+_4368533	4368533	4368577	+	2	45	ATG	TGA	0	0	
mORF_+_4368538	4368538	4368543	+	1	6	ATG	TGA	0	0	
mORF_+_4368540	4368540	4368548	+	3	9	GTG	TGA	0	0	
mORF_+_4368571	4368571	4368606	+	1	36	GTG	TGA	0	0	
mORF_+_4368603	4368603	4368659	+	3	57	TTG	TAA	0	0	
mORF_+_4368711	4368711	4369004	+	3	294	ATG	TAA	43	2393	pORF_+_4368711
mORF_+_4368730	4368730	4368741	+	1	12	ATG	TGA	0	0	
mORF_+_4368760	4368760	4368792	+	1	33	TTG	TGA	0	0	

mORF_+_4368844	4368844	4368873	+	1	30	ATG	TGA	0	0	
mORF_+_4368883	4368883	4368888	+	1	6	ATG	TGA	0	0	
mORF_+_4368892	4368892	4368930	+	1	39	TTG	TGA	0	0	
mORF_+_4368949	4368949	4368963	+	1	15	ATG	TGA	0	0	
mORF_+_4368991	4368991	4369035	+	1	45	TTG	TAA	0	0	
mORF_+_4369048	4369048	4370694	+	1	1647	ATG	TAA	333	31373	pORF_+_4369048
mORF_+_4369085	4369085	4369090	+	2	6	GTG	TGA	0	0	
mORF_+_4369121	4369121	4369129	+	2	9	ATG	TGA	0	0	
mORF_+_4369181	4369181	4369270	+	2	90	GTG	TGA	0	0	
mORF_+_4369277	4369277	4369360	+	2	84	TTG	TGA	0	0	
mORF_+_4369367	4369367	4369381	+	2	15	TTG	TGA	0	0	
mORF_+_4369400	4369400	4369441	+	2	42	GTG	TGA	0	0	
mORF_+_4369458	4369458	4369466	+	3	9	ATG	TGA	0	0	
mORF_+_4369478	4369478	4369522	+	2	45	TTG	TAG	0	0	
mORF_+_4369577	4369577	4369687	+	2	111	TTG	TAG	0	0	
mORF_+_4369766	4369766	4369792	+	2	27	TTG	TGA	0	0	
mORF_+_4369805	4369805	4369810	+	2	6	ATG	TAG	0	0	
mORF_+_4369835	4369835	4369861	+	2	27	TTG	TGA	0	0	
mORF_+_4370012	4370012	4370020	+	2	9	GTG	TGA	0	0	
mORF_+_4370048	4370048	4370155	+	2	108	ATG	TAG	0	0	
mORF_+_4370174	4370174	4370215	+	2	42	TTG	TGA	0	0	
mORF_+_4370234	4370234	4370269	+	2	36	TTG	TAG	0	0	
mORF_+_4370282	4370282	4370305	+	2	24	TTG	TGA	0	0	
mORF_+_4370336	4370336	4370416	+	2	81	GTG	TGA	0	0	
mORF_+_4370438	4370438	4370512	+	2	75	TTG	TGA	0	0	
mORF_+_4370601	4370601	4370639	+	3	39	ATG	TGA	0	0	
mORF_+_4370630	4370630	4370644	+	2	15	ATG	TAG	0	0	
mORF_+_4370672	4370672	4370689	+	2	18	GTG	TGA	0	0	
mORF_+_4370695	4370695	4370718	+	1	24	TTG	TAA	0	0	
mORF_+_4370737	4370737	4370817	+	1	81	ATG	TGA	0	0	
mORF_+_4370756	4370756	4370776	+	2	21	TTG	TAA	0	0	
mORF_+_4370799	4370799	4371185	+	3	387	GTG	TGA	8	58	pORF_+_4370799
mORF_+_4370857	4370857	4370877	+	1	21	TTG	TGA	0	0	
mORF_+_4370885	4370885	4370890	+	2	6	TTG	TAG	0	0	
mORF_+_4370908	4370908	4370967	+	1	60	GTG	TGA	0	0	
mORF_+_4370957	4370957	4370986	+	2	30	GTG	TAA	0	0	
mORF_+_4370968	4370968	4371090	+	1	123	TTG	TGA	0	0	
mORF_+_4371094	4371094	4371225	+	1	132	ATG	TGA	0	0	
mORF_+_4371173	4371173	4371190	+	2	18	GTG	TGA	0	0	
mORF_+_4371203	4371203	4371217	+	2	15	GTG	TAA	0	0	
mORF_+_4371218	4371218	4371322	+	2	105	TTG	TGA	0	0	
mORF_+_4371225	4371225	4371266	+	3	42	ATG	TGA	0	0	
mORF_+_4371267	4371267	4371278	+	3	12	TTG	TGA	0	0	
mORF_+_4371271	4371271	4371288	+	1	18	ATG	TAG	0	0	
mORF_+_4371319	4371319	4371432	+	1	114	ATG	TAA	0	0	
mORF_+_4371356	4371356	4371376	+	2	21	ATG	TAG	0	0	
mORF_+_4371399	4371399	4371548	+	3	150	GTG	TGA	0	0	
mORF_+_4371410	4371410	4371424	+	2	15	TTG	TGA	0	0	
mORF_+_4371433	4371433	4371450	+	1	18	GTG	TAA	0	0	
mORF_+_4371454	4371454	4371468	+	1	15	TTG	TAG	0	0	
mORF_+_4371472	4371472	4371762	+	1	291	TTG	TAA	0	0	
mORF_+_4371494	4371494	4371505	+	2	12	GTG	TAG	0	0	
mORF_+_4371566	4371566	4371661	+	2	96	GTG	TAA	0	0	
mORF_+_4371594	4371594	4371626	+	3	33	TTG	TAA	0	0	
mORF_+_4371716	4371716	4371832	+	2	117	GTG	TGA	0	0	
mORF_+_4371780	4371780	4371788	+	3	9	GTG	TAA	0	0	
mORF_+_4371795	4371795	4371824	+	3	30	ATG	TAA	0	0	
mORF_+_4371825	4371825	4371836	+	3	12	TTG	TGA	0	0	
mORF_+_4371829	4371829	4371879	+	1	51	ATG	TAA	0	0	
mORF_+_4371833	4371833	4371934	+	2	102	ATG	TGA	0	0	
mORF_+_4371837	4371837	4371872	+	3	36	TTG	TGA	0	0	
mORF_+_4371898	4371898	4371903	+	1	6	ATG	TAG	0	0	
mORF_+_4371931	4371931	4372272	+	1	342	TTG	TAA	0	0	

mORF_+_4371953	4371953	4372060	+	2	108	GTG	TGA	0	0	
mORF_+_4372065	4372065	4372139	+	3	75	GTG	TGA	0	0	
mORF_+_4372136	4372136	4372261	+	2	126	ATG	TAG	0	0	
mORF_+_4372194	4372194	4372202	+	3	9	GTG	TGA	0	0	
mORF_+_4372318	4372318	4372353	+	1	36	ATG	TAA	0	0	
mORF_+_4372337	4372337	4372348	+	2	12	TTG	TAA	0	0	
mORF_+_4372398	4372398	4372415	+	3	18	TTG	TAA	0	0	
mORF_+_4372431	4372431	4372448	+	3	18	ATG	TAA	0	0	
mORF_+_4372454	4372454	4372594	+	2	141	ATG	TAG	0	0	
mORF_+_4372495	4372495	4372536	+	1	42	TTG	TAA	0	0	
mORF_+_4372561	4372561	4372647	+	1	87	TTG	TAA	0	0	
mORF_+_4372686	4372686	4372835	+	3	150	TTG	TAA	0	0	
mORF_+_4372744	4372744	4372764	+	1	21	GTG	TAA	0	0	
mORF_+_4372771	4372771	4372794	+	1	24	GTG	TAA	0	0	
mORF_+_4372796	4372796	4372912	+	2	117	ATG	TAA	0	0	
mORF_+_4372876	4372876	4372938	+	1	63	TTG	TAA	0	0	
mORF_+_4372975	4372975	4373004	+	1	30	ATG	TGA	0	0	
mORF_+_4372992	4372992	4373009	+	3	18	TTG	TGA	0	0	
mORF_+_4372997	4372997	4373509	+	2	513	ATG	TGA	0	0	
mORF_+_4373064	4373064	4373102	+	3	39	GTG	TGA	0	0	
mORF_+_4373071	4373071	4373145	+	1	75	GTG	TGA	0	0	
mORF_+_4373127	4373127	4373165	+	3	39	ATG	TGA	0	0	
mORF_+_4373239	4373239	4373334	+	1	96	GTG	TGA	0	0	
mORF_+_4373259	4373259	4373270	+	3	12	TTG	TGA	0	0	
mORF_+_4373331	4373331	4373459	+	3	129	TTG	TGA	0	0	
mORF_+_4373401	4373401	4373430	+	1	30	GTG	TGA	0	0	
mORF_+_4373481	4373481	4373738	+	3	258	TTG	TAG	0	0	
mORF_+_4373506	4373506	4373703	+	1	198	ATG	TAA	0	0	
mORF_+_4373627	4373627	4373635	+	2	9	TTG	TAA	0	0	
mORF_+_4373672	4373672	4373692	+	2	21	ATG	TAG	0	0	
mORF_+_4373722	4373722	4374288	+	1	567	ATG	TAA	20	384	pORF_+_4373722
mORF_+_4373750	4373750	4373773	+	2	24	GTG	TAG	0	0	
mORF_+_4373792	4373792	4373812	+	2	21	TTG	TAA	0	0	
mORF_+_4373834	4373834	4373863	+	2	30	TTG	TGA	0	0	
mORF_+_4373918	4373918	4373932	+	2	15	ATG	TGA	0	0	
mORF_+_4373957	4373957	4373977	+	2	21	GTG	TGA	0	0	
mORF_+_4374008	4374008	4374067	+	2	60	ATG	TAA	0	0	
mORF_+_4374036	4374036	4374116	+	3	81	ATG	TGA	0	0	
mORF_+_4374077	4374077	4374148	+	2	72	ATG	TGA	0	0	
mORF_+_4374152	4374152	4374283	+	2	132	GTG	TGA	0	0	
mORF_+_4374288	4374288	4374398	+	3	111	ATG	TAA	0	0	
mORF_+_4374296	4374296	4374343	+	2	48	GTG	TGA	0	0	
mORF_+_4374340	4374340	4374465	+	1	126	ATG	TAA	1	2	pORF_+_4374340
mORF_+_4374362	4374362	4374529	+	2	168	TTG	TAA	0	0	
mORF_+_4374507	4374507	4374539	+	3	33	TTG	TAG	0	0	
mORF_+_4374576	4374576	4374722	+	3	147	ATG	TAA	7	59	pORF_+_4374576
mORF_+_4374592	4374592	4374633	+	1	42	TTG	TAA	0	0	
mORF_+_4374652	4374652	4374729	+	1	78	GTG	TAA	0	0	
mORF_+_4374743	4374743	4374772	+	2	30	GTG	TAG	0	0	
mORF_+_4374748	4374748	4375215	+	1	468	GTG	TAA	0	0	
mORF_+_4374788	4374788	4374916	+	2	129	TTG	TAG	0	0	
mORF_+_4374920	4374920	4374958	+	2	39	TTG	TGA	0	0	
mORF_+_4374942	4374942	4374977	+	3	36	ATG	TAG	0	0	
mORF_+_4374992	4374992	4375006	+	2	15	GTG	TGA	0	0	
mORF_+_4375016	4375016	4375048	+	2	33	TTG	TGA	0	0	
mORF_+_4375073	4375073	4375114	+	2	42	ATG	TAA	0	0	
mORF_+_4375080	4375080	4375136	+	3	57	GTG	TGA	0	0	
mORF_+_4375121	4375121	4375174	+	2	54	TTG	TAA	0	0	
mORF_+_4375190	4375190	4375198	+	2	9	TTG	TGA	0	0	
mORF_+_4375306	4375306	4375338	+	1	33	ATG	TAG	0	0	
mORF_+_4375310	4375310	4375393	+	2	84	TTG	TAA	0	0	
mORF_+_4375365	4375365	4375427	+	3	63	ATG	TGA	0	0	
mORF_+_4375424	4375424	4375462	+	2	39	ATG	TAA	0	0	

mORF_+_4375522	4375522	4375596	+	1	75	ATG	TGA	0	0
mORF_+_4375556	4375556	4375567	+	2	12	ATG	TGA	0	0
mORF_+_4375593	4375593	4375850	+	3	258	GTG	TAA	0	0
mORF_+_4375636	4375636	4375773	+	1	138	TTG	TAA	0	0
mORF_+_4375706	4375706	4375747	+	2	42	ATG	TAA	0	0
mORF_+_4375748	4375748	4375783	+	2	36	ATG	TGA	0	0
mORF_+_4375774	4375774	4375779	+	1	6	GTG	TAG	0	0
mORF_+_4375780	4375780	4375842	+	1	63	ATG	TAG	0	0
mORF_+_4375826	4375826	4375891	+	2	66	ATG	TAG	0	0
mORF_+_4375895	4375895	4375948	+	2	54	TTG	TAG	0	0
mORF_+_4375899	4375899	4375937	+	3	39	TTG	TAA	0	0
mORF_+_4375978	4375978	4375989	+	1	12	ATG	TGA	0	0
mORF_+_4375986	4375986	4376018	+	3	33	ATG	TAA	0	0
mORF_+_4376034	4376034	4376069	+	3	36	GTG	TAA	0	0
mORF_+_4376054	4376054	4376122	+	2	69	TTG	TGA	0	0
mORF_+_4376137	4376137	4376208	+	1	72	TTG	TAA	0	0
mORF_+_4376154	4376154	4376192	+	3	39	GTG	TGA	0	0
mORF_+_4376189	4376189	4376260	+	2	72	TTG	TAA	0	0
mORF_+_4376215	4376215	4376274	+	1	60	TTG	TAA	0	0
mORF_+_4376290	4376290	4376538	+	1	249	ATG	TGA	0	0
mORF_+_4376366	4376366	4376515	+	2	150	TTG	TGA	0	0
mORF_+_4376376	4376376	4376609	+	3	234	GTG	TGA	0	0
mORF_+_4376582	4376582	4376587	+	2	6	GTG	TAG	0	0
mORF_+_4376596	4376596	4376601	+	1	6	ATG	TAA	0	0
mORF_+_4376606	4376606	4376788	+	2	183	GTG	TAG	0	0
mORF_+_4376649	4376649	4376672	+	3	24	TTG	TGA	0	0
mORF_+_4376715	4376715	4376726	+	3	12	ATG	TGA	0	0
mORF_+_4376749	4376749	4376940	+	1	192	TTG	TAA	0	0
mORF_+_4376754	4376754	4376759	+	3	6	GTG	TGA	0	0
mORF_+_4376874	4376874	4376897	+	3	24	TTG	TGA	0	0
mORF_+_4376876	4376876	4376905	+	2	30	GTG	TGA	0	0
mORF_+_4376916	4376916	4376936	+	2	21	ATG	TAA	0	0
mORF_+_4376918	4376918	4377040	+	2	123	GTG	TAA	0	0
mORF_+_4377019	4377019	4377033	+	1	15	TTG	TAG	0	0
mORF_+_4377055	4377055	4377087	+	1	33	GTG	TAG	0	0
mORF_+_4377097	4377097	4377237	+	1	141	TTG	TAG	0	0
mORF_+_4377111	4377111	4377152	+	3	42	GTG	TAA	0	0
mORF_+_4377266	4377266	4377310	+	2	45	GTG	TGA	0	0
mORF_+_4377307	4377307	4377606	+	1	300	ATG	TAA	0	0
mORF_+_4377371	4377371	4377385	+	2	15	TTG	TAA	0	0
mORF_+_4377431	4377431	4377721	+	2	291	ATG	TAA	0	0
mORF_+_4377471	4377471	4377506	+	3	36	TTG	TGA	0	0
mORF_+_4377522	4377522	4377572	+	3	51	GTG	TGA	0	0
mORF_+_4377752	4377752	4378261	+	2	510	GTG	TAA	0	0
mORF_+_4377762	4377762	4377788	+	3	27	TTG	TAG	0	0
mORF_+_4377811	4377811	4377831	+	1	21	GTG	TAA	0	0
mORF_+_4377855	4377855	4377866	+	3	12	TTG	TGA	0	0
mORF_+_4377867	4377867	4377914	+	3	48	ATG	TAG	0	0
mORF_+_4378020	4378020	4378076	+	3	57	ATG	TAG	0	0
mORF_+_4378089	4378089	4378112	+	3	24	TTG	TGA	0	0
mORF_+_4378140	4378140	4378154	+	3	15	ATG	TGA	0	0
mORF_+_4378161	4378161	4378289	+	3	129	GTG	TAA	0	0
mORF_+_4378309	4378309	4378332	+	1	24	ATG	TAA	0	0
mORF_+_4378326	4378326	4378382	+	3	57	TTG	TAG	0	0
mORF_+_4378393	4378393	4378410	+	1	18	GTG	TGA	0	0
mORF_+_4378401	4378401	4378415	+	3	15	TTG	TAG	0	0
mORF_+_4378432	4378432	4378440	+	1	9	ATG	TAG	0	0
mORF_+_4378441	4378441	4378602	+	1	162	TTG	TAA	0	0
mORF_+_4378472	4378472	4378612	+	2	141	ATG	TAG	0	0
mORF_+_4378660	4378660	4378830	+	1	171	GTG	TAG	0	0
mORF_+_4378689	4378689	4379690	+	3	1002	GTG	TAG	0	0
mORF_+_4378766	4378766	4378846	+	2	81	GTG	TGA	0	0
mORF_+_4378840	4378840	4378944	+	1	105	GTG	TAG	0	0

mORF_+_4379066	4379066	4379161	+	2	96	TTG	TAG	0	0	
mORF_+_4379077	4379077	4379247	+	1	171	TTG	TGA	0	0	
mORF_+_4379174	4379174	4379227	+	2	54	TTG	TAA	0	0	
mORF_+_4379266	4379266	4379274	+	1	9	ATG	TAG	0	0	
mORF_+_4379276	4379276	4379308	+	2	33	GTG	TAA	0	0	
mORF_+_4379347	4379347	4379388	+	1	42	ATG	TGA	0	0	
mORF_+_4379422	4379422	4379466	+	1	45	GTG	TGA	0	0	
mORF_+_4379473	4379473	4379544	+	1	72	TTG	TAA	0	0	
mORF_+_4379480	4379480	4379575	+	2	96	GTG	TGA	0	0	
mORF_+_4379569	4379569	4379646	+	1	78	TTG	TGA	0	0	
mORF_+_4379639	4379639	4379716	+	2	78	TTG	TAA	0	0	
mORF_+_4379662	4379662	4379739	+	1	78	ATG	TAA	0	0	
mORF_+_4379803	4379803	4379844	+	1	42	GTG	TGA	0	0	
mORF_+_4379822	4379822	4380007	+	2	186	TTG	TGA	0	0	
mORF_+_4379841	4379841	4380233	+	3	393	ATG	TGA	0	0	
mORF_+_4379926	4379926	4380090	+	1	165	GTG	TAA	0	0	
mORF_+_4380032	4380032	4380439	+	2	408	ATG	TAG	0	0	
mORF_+_4380313	4380313	4380330	+	1	18	ATG	TGA	0	0	
mORF_+_4380327	4380327	4380398	+	3	72	TTG	TGA	0	0	
mORF_+_4380458	4380458	4380478	+	2	21	ATG	TGA	0	0	
mORF_+_4380475	4380475	4380630	+	1	156	TTG	TAG	0	0	
mORF_+_4380557	4380557	4380601	+	1	45	GTG	TAA	0	0	
mORF_+_4380605	4380605	4380709	+	2	105	TTG	TAA	0	0	
mORF_+_4380621	4380621	4381643	+	3	1023	TTG	TAA	9	17	pORF_+_4380621
mORF_+_4380754	4380754	4380795	+	1	42	TTG	TGA	0	0	
mORF_+_4380788	4380788	4380835	+	2	48	TTG	TGA	0	0	
mORF_+_4380832	4380832	4380873	+	1	42	TTG	TGA	0	0	
mORF_+_4380922	4380922	4381047	+	1	126	TTG	TGA	0	0	
mORF_+_4380929	4380929	4380967	+	2	39	TTG	TAA	0	0	
mORF_+_4381013	4381013	4381033	+	2	21	GTG	TGA	0	0	
mORF_+_4381141	4381141	4381200	+	1	60	TTG	TGA	0	0	
mORF_+_4381204	4381204	4381266	+	1	63	ATG	TAG	0	0	
mORF_+_4381276	4381276	4381422	+	1	147	TTG	TGA	0	0	
mORF_+_4381426	4381426	4381515	+	1	90	ATG	TGA	0	0	
mORF_+_4381516	4381516	4381527	+	1	12	TTG	TGA	0	0	
mORF_+_4381564	4381564	4381581	+	1	18	GTG	TGA	0	0	
mORF_+_4381630	4381630	4381665	+	1	36	TTG	TAA	0	0	
mORF_+_4381675	4381675	4381683	+	1	9	ATG	TGA	0	0	
mORF_+_4381680	4381680	4381700	+	3	21	GTG	TAG	0	0	
mORF_+_4381704	4381704	4381724	+	3	21	ATG	TAA	0	0	
mORF_+_4381749	4381749	4381850	+	3	102	TTG	TGA	0	0	
mORF_+_4381777	4381777	4381845	+	1	69	TTG	TGA	0	0	
mORF_+_4381820	4381820	4383364	+	2	1545	GTG	TAA	0	0	
mORF_+_4381854	4381854	4381877	+	3	24	ATG	TAA	0	0	
mORF_+_4381926	4381926	4381961	+	3	36	TTG	TAA	0	0	
mORF_+_4381971	4381971	4382027	+	3	57	GTG	TAA	0	0	
mORF_+_4382094	4382094	4382162	+	3	69	GTG	TGA	0	0	
mORF_+_4382131	4382131	4382211	+	1	81	GTG	TAG	0	0	
mORF_+_4382205	4382205	4382219	+	3	15	ATG	TGA	0	0	
mORF_+_4382235	4382235	4382288	+	3	54	TTG	TGA	0	0	
mORF_+_4382281	4382281	4382313	+	1	33	ATG	TAA	0	0	
mORF_+_4382304	4382304	4382363	+	3	60	TTG	TAA	0	0	
mORF_+_4382365	4382365	4382442	+	1	78	GTG	TAA	0	0	
mORF_+_4382415	4382415	4382678	+	3	264	ATG	TAA	0	0	
mORF_+_4382644	4382644	4382682	+	1	39	ATG	TAA	0	0	
mORF_+_4382682	4382682	4382720	+	3	39	ATG	TGA	0	0	
mORF_+_4382730	4382730	4382738	+	3	9	TTG	TGA	0	0	
mORF_+_4382748	4382748	4382870	+	3	123	ATG	TGA	0	0	
mORF_+_4382791	4382791	4383033	+	1	243	ATG	TAA	0	0	
mORF_+_4382928	4382928	4383041	+	3	114	ATG	TGA	0	0	
mORF_+_4383135	4383135	4383140	+	3	6	TTG	TGA	0	0	
mORF_+_4383168	4383168	4383197	+	3	30	TTG	TGA	0	0	
mORF_+_4383201	4383201	4383269	+	3	69	TTG	TGA	0	0	

mORF_+_4383262	4383262	4383423	+	1	162	GTG	TGA	0	0
mORF_+_4383270	4383270	4383299	+	3	30	TTG	TAG	0	0
mORF_+_4383369	4383369	4383401	+	3	33	ATG	TAA	0	0
mORF_+_4383411	4383411	4383446	+	3	36	ATG	TAA	0	0
mORF_+_4383416	4383416	4383730	+	2	315	ATG	TGA	0	0
mORF_+_4383453	4383453	4383491	+	3	39	ATG	TAG	0	0
mORF_+_4383519	4383519	4383668	+	3	150	TTG	TAG	0	0
mORF_+_4383601	4383601	4383702	+	1	102	GTG	TAG	0	0
mORF_+_4383727	4383727	4384041	+	1	315	ATG	TGA	0	0
mORF_+_4383731	4383731	4383787	+	2	57	GTG	TAA	0	0
mORF_+_4383750	4383750	4383824	+	3	75	ATG	TGA	0	0
mORF_+_4383821	4383821	4383859	+	2	39	TTG	TGA	0	0
mORF_+_4383884	4383884	4383898	+	2	15	GTG	TGA	0	0
mORF_+_4383942	4383942	4384088	+	3	147	GTG	TGA	0	0
mORF_+_4384048	4384048	4384137	+	1	90	TTG	TGA	0	0
mORF_+_4384095	4384095	4384244	+	3	150	TTG	TGA	0	0
mORF_+_4384124	4384124	4384231	+	2	108	TTG	TAG	0	0
mORF_+_4384168	4384168	4384362	+	1	195	ATG	TGA	0	0
mORF_+_4384241	4384241	4384723	+	2	483	GTG	TGA	0	0
mORF_+_4384326	4384326	4384784	+	3	459	TTG	TAA	0	0
mORF_+_4384570	4384570	4384614	+	1	45	TTG	TAA	0	0
mORF_+_4384720	4384720	4384767	+	1	48	TTG	TGA	0	0
mORF_+_4384808	4384808	4384999	+	2	192	GTG	TGA	0	0
mORF_+_4384845	4384845	4385132	+	3	288	TTG	TGA	0	0
mORF_+_4384909	4384909	4384947	+	1	39	TTG	TGA	0	0
mORF_+_4385041	4385041	4385073	+	1	33	TTG	TGA	0	0
mORF_+_4385063	4385063	4385170	+	2	108	TTG	TAA	0	0
mORF_+_4385110	4385110	4385244	+	1	135	TTG	TAA	0	0
mORF_+_4385186	4385186	4385263	+	2	78	ATG	TAG	0	0
mORF_+_4385274	4385274	4385327	+	3	54	ATG	TAA	0	0
mORF_+_4385311	4385311	4385397	+	1	87	GTG	TAA	0	0
mORF_+_4385346	4385346	4385597	+	3	252	ATG	TAG	0	0
mORF_+_4385387	4385387	4385800	+	2	414	ATG	TAA	0	0
mORF_+_4385673	4385673	4385750	+	3	78	GTG	TAA	0	0
mORF_+_4385803	4385803	4385907	+	1	105	GTG	TGA	0	0
mORF_+_4385832	4385832	4385855	+	3	24	GTG	TGA	0	0
mORF_+_4385852	4385852	4386193	+	2	342	GTG	TAG	0	0
mORF_+_4385868	4385868	4385912	+	3	45	TTG	TAG	0	0
mORF_+_4385968	4385968	4386018	+	1	51	TTG	TGA	0	0
mORF_+_4385976	4385976	4386014	+	3	39	TTG	TGA	0	0
mORF_+_4386021	4386021	4386113	+	3	93	GTG	TAG	0	0
mORF_+_4386121	4386121	4386333	+	1	213	TTG	TAA	0	0
mORF_+_4386162	4386162	4386239	+	3	78	TTG	TGA	0	0
mORF_+_4386240	4386240	4386290	+	3	51	GTG	TGA	0	0
mORF_+_4386248	4386248	4386316	+	2	69	TTG	TAG	0	0
mORF_+_4386356	4386356	4386514	+	2	159	TTG	TAA	0	0
mORF_+_4386394	4386394	4386603	+	1	210	GTG	TAA	0	0
mORF_+_4386453	4386453	4386533	+	3	81	TTG	TGA	0	0
mORF_+_4386539	4386539	4386592	+	2	54	TTG	TAG	0	0
mORF_+_4386606	4386606	4386695	+	3	90	TTG	TGA	0	0
mORF_+_4386611	4386611	4386709	+	2	99	TTG	TAA	0	0
mORF_+_4386710	4386710	4386772	+	2	63	TTG	TGA	0	0
mORF_+_4386801	4386801	4386887	+	3	87	TTG	TGA	0	0
mORF_+_4386850	4386850	4386891	+	1	42	GTG	TGA	0	0
mORF_+_4386878	4386878	4386940	+	2	63	TTG	TAA	0	0
mORF_+_4386888	4386888	4386944	+	3	57	TTG	TGA	0	0
mORF_+_4386959	4386959	4387135	+	2	177	TTG	TAA	0	0
mORF_+_4387125	4387125	4387169	+	3	45	ATG	TAA	0	0
mORF_+_4387136	4387136	4387237	+	2	102	TTG	TAA	0	0
mORF_+_4387138	4387138	4387152	+	1	15	GTG	TAG	0	0
mORF_+_4387194	4387194	4387307	+	3	114	TTG	TGA	0	0
mORF_+_4387270	4387270	4387311	+	1	42	GTG	TGA	0	0
mORF_+_4387308	4387308	4387418	+	3	111	GTG	TAG	0	0

mORF_+_4387313	4387313	4388338	+	2	1026	TTG	TAG	0	0	
mORF_+_4387431	4387431	4387868	+	3	438	TTG	TGA	0	0	
mORF_+_4387444	4387444	4387512	+	1	69	ATG	TAA	0	0	
mORF_+_4387600	4387600	4387614	+	1	15	GTG	TGA	0	0	
mORF_+_4387663	4387663	4387710	+	1	48	GTG	TGA	0	0	
mORF_+_4387798	4387798	4387875	+	1	78	TTG	TGA	0	0	
mORF_+_4387872	4387872	4387910	+	3	39	GTG	TAG	0	0	
mORF_+_4387932	4387932	4387958	+	3	27	TTG	TAG	0	0	
mORF_+_4387977	4387977	4388021	+	3	45	GTG	TAG	0	0	
mORF_+_4388022	4388022	4388051	+	3	30	TTG	TAG	0	0	
mORF_+_4388052	4388052	4388207	+	3	156	TTG	TAG	0	0	
mORF_+_4388152	4388152	4388196	+	1	45	TTG	TAA	0	0	
mORF_+_4388214	4388214	4388252	+	3	39	GTG	TAG	0	0	
mORF_+_4388281	4388281	4388331	+	1	51	TTG	TAA	0	0	
mORF_+_4388301	4388301	4388417	+	3	117	TTG	TGA	0	0	
mORF_+_4388371	4388371	4388388	+	1	18	ATG	TAG	0	0	
mORF_+_4388405	4388405	4388461	+	2	57	TTG	TAA	0	0	
mORF_+_4388428	4388428	4388601	+	1	174	ATG	TAG	0	0	
mORF_+_4388477	4388477	4388653	+	2	177	TTG	TAA	0	0	
mORF_+_4388526	4388526	4388546	+	3	21	ATG	TGA	0	0	
mORF_+_4388625	4388625	4388657	+	3	33	TTG	TAG	0	0	
mORF_+_4388660	4388660	4388941	+	2	282	ATG	TAG	0	0	
mORF_+_4388682	4388682	4388765	+	3	84	GTG	TGA	0	0	
mORF_+_4388784	4388784	4388795	+	3	12	GTG	TGA	0	0	
mORF_+_4388808	4388808	4388951	+	3	144	TTG	TGA	0	0	
mORF_+_4388954	4388954	4389601	+	2	648	ATG	TAG	0	0	
mORF_+_4388988	4388988	4388996	+	3	9	TTG	TAG	0	0	
mORF_+_4389012	4389012	4389104	+	3	93	TTG	TAA	0	0	
mORF_+_4389117	4389117	4389197	+	3	81	TTG	TAG	0	0	
mORF_+_4389252	4389252	4389350	+	3	99	TTG	TGA	0	0	
mORF_+_4389399	4389399	4389443	+	3	45	ATG	TAG	0	0	
mORF_+_4389483	4389483	4390172	+	3	690	TTG	TAA	21	64	pORF_+_4389483
mORF_+_4389586	4389586	4389630	+	1	45	TTG	TGA	0	0	
mORF_+_4389611	4389611	4389625	+	2	15	ATG	TAG	0	0	
mORF_+_4389631	4389631	4389651	+	1	21	GTG	TGA	0	0	
mORF_+_4389653	4389653	4389667	+	2	15	TTG	TGA	0	0	
mORF_+_4389664	4389664	4389672	+	1	9	TTG	TGA	0	0	
mORF_+_4389703	4389703	4389723	+	1	21	TTG	TGA	0	0	
mORF_+_4389727	4389727	4389738	+	1	12	ATG	TGA	0	0	
mORF_+_4389763	4389763	4389798	+	1	36	TTG	TGA	0	0	
mORF_+_4389802	4389802	4389843	+	1	42	ATG	TAG	0	0	
mORF_+_4389911	4389911	4389946	+	2	36	GTG	TAA	0	0	
mORF_+_4390024	4390024	4390038	+	1	15	ATG	TGA	0	0	
mORF_+_4390075	4390075	4390338	+	1	264	ATG	TAA	0	0	
mORF_+_4390217	4390217	4390237	+	2	21	GTG	TGA	0	0	
mORF_+_4390262	4390262	4390270	+	2	9	TTG	TAA	0	0	
mORF_+_4390290	4390290	4390379	+	3	90	TTG	TAG	0	0	
mORF_+_4390298	4390298	4390324	+	2	27	TTG	TAA	0	0	
mORF_+_4390349	4390349	4390375	+	2	27	ATG	TAA	0	0	
mORF_+_4390398	4390398	4390466	+	3	69	TTG	TGA	0	0	
mORF_+_4390414	4390414	4390578	+	1	165	TTG	TGA	0	0	
mORF_+_4390463	4390463	4390504	+	2	42	TTG	TAG	0	0	
mORF_+_4390470	4390470	4390589	+	3	120	GTG	TAA	0	0	
mORF_+_4390526	4390526	4390615	+	2	90	TTG	TAG	0	0	
mORF_+_4390621	4390621	4390698	+	1	78	TTG	TAA	0	0	
mORF_+_4390637	4390637	4390747	+	2	111	TTG	TGA	0	0	
mORF_+_4390717	4390717	4390842	+	1	126	ATG	TGA	0	0	
mORF_+_4390725	4390725	4390760	+	3	36	TTG	TAA	0	0	
mORF_+_4390839	4390839	4390949	+	3	111	TTG	TGA	0	0	
mORF_+_4390871	4390871	4391185	+	2	315	TTG	TGA	0	0	
mORF_+_4390915	4390915	4390968	+	1	54	ATG	TAA	0	0	
mORF_+_4391011	4391011	4391151	+	1	141	TTG	TAA	0	0	
mORF_+_4391085	4391085	4391216	+	3	132	GTG	TGA	0	0	

mORF_+_4391182	4391182	4391223	+	1	42	GTG	TAA	0	0	
mORF_+_4391213	4391213	4391320	+	2	108	GTG	TAG	0	0	
mORF_+_4391265	4391265	4391291	+	3	27	GTG	TGA	0	0	
mORF_+_4391269	4391269	4391274	+	1	6	GTG	TAG	0	0	
mORF_+_4391311	4391311	4391316	+	1	6	TTG	TGA	0	0	
mORF_+_4391313	4391313	4391339	+	3	27	GTG	TAA	0	0	
mORF_+_4391417	4391417	4391428	+	2	12	ATG	TAA	0	0	
mORF_+_4391457	4391457	4391600	+	3	144	ATG	TGA	0	0	
mORF_+_4391468	4391468	4391533	+	2	66	ATG	TGA	0	0	
mORF_+_4391530	4391530	4391571	+	1	42	TTG	TAA	0	0	
mORF_+_4391597	4391597	4391716	+	2	120	TTG	TGA	0	0	
mORF_+_4391607	4391607	4391666	+	3	60	GTG	TAG	0	0	
mORF_+_4391611	4391611	4391649	+	1	39	GTG	TAA	0	0	
mORF_+_4391707	4391707	4391889	+	1	183	ATG	TAA	0	0	
mORF_+_4391735	4391735	4391761	+	2	27	TTG	TGA	0	0	
mORF_+_4391801	4391801	4391848	+	2	48	TTG	TAA	0	0	
mORF_+_4391826	4391826	4391837	+	3	12	ATG	TAG	0	0	
mORF_+_4391893	4391893	4392063	+	1	171	ATG	TAA	0	0	
mORF_+_4391922	4391922	4391993	+	3	72	GTG	TGA	0	0	
mORF_+_4391954	4391954	4392022	+	2	69	TTG	TGA	0	0	
mORF_+_4392068	4392068	4393636	+	2	1569	TTG	TGA	9	31	pORF_+_4392068
mORF_+_4392183	4392183	4392212	+	3	30	ATG	TGA	0	0	
mORF_+_4392244	4392244	4392264	+	1	21	GTG	TGA	0	0	
mORF_+_4392286	4392286	4392300	+	1	15	GTG	TAA	0	0	
mORF_+_4392294	4392294	4392428	+	3	135	ATG	TAA	0	0	
mORF_+_4392421	4392421	4392492	+	1	72	ATG	TGA	0	0	
mORF_+_4392435	4392435	4392479	+	3	45	GTG	TAG	0	0	
mORF_+_4392486	4392486	4392548	+	3	63	TTG	TAA	0	0	
mORF_+_4392579	4392579	4392641	+	3	63	TTG	TGA	0	0	
mORF_+_4392669	4392669	4392677	+	3	9	TTG	TGA	0	0	
mORF_+_4392708	4392708	4392815	+	3	108	ATG	TAA	0	0	
mORF_+_4392751	4392751	4392840	+	1	90	TTG	TAA	0	0	
mORF_+_4392870	4392870	4392905	+	3	36	GTG	TGA	0	0	
mORF_+_4392924	4392924	4392941	+	3	18	GTG	TAG	0	0	
mORF_+_4392960	4392960	4392983	+	3	24	GTG	TGA	0	0	
mORF_+_4393008	4393008	4393016	+	3	9	ATG	TGA	0	0	
mORF_+_4393045	4393045	4393119	+	1	75	ATG	TGA	0	0	
mORF_+_4393053	4393053	4393064	+	3	12	ATG	TGA	0	0	
mORF_+_4393065	4393065	4393160	+	3	96	TTG	TGA	0	0	
mORF_+_4393141	4393141	4393185	+	1	45	GTG	TAA	0	0	
mORF_+_4393257	4393257	4393313	+	3	57	TTG	TAG	0	0	
mORF_+_4393276	4393276	4393356	+	1	81	TTG	TGA	0	0	
mORF_+_4393326	4393326	4393364	+	3	39	GTG	TAG	0	0	
mORF_+_4393371	4393371	4393595	+	3	225	TTG	TGA	0	0	
mORF_+_4393608	4393608	4394069	+	3	462	ATG	TAA	3	16	pORF_+_4393608
mORF_+_4393636	4393636	4393653	+	1	18	ATG	TAG	0	0	
mORF_+_4393684	4393684	4393698	+	1	15	ATG	TAA	0	0	
mORF_+_4393708	4393708	4393719	+	1	12	ATG	TAG	0	0	
mORF_+_4393777	4393777	4393830	+	1	54	ATG	TAA	0	0	
mORF_+_4393843	4393843	4394019	+	1	177	TTG	TGA	0	0	
mORF_+_4393931	4393931	4393963	+	2	33	GTG	TGA	0	0	
mORF_+_4394020	4394020	4394061	+	1	42	GTG	TAG	0	0	
mORF_+_4394073	4394073	4395425	+	3	1353	TTG	TAA	3	12	pORF_+_4394073
mORF_+_4394080	4394080	4394091	+	1	12	GTG	TGA	0	0	
mORF_+_4394108	4394108	4394167	+	2	60	TTG	TGA	0	0	
mORF_+_4394149	4394149	4394205	+	1	57	GTG	TAA	0	0	
mORF_+_4394218	4394218	4394292	+	1	75	TTG	TGA	0	0	
mORF_+_4394362	4394362	4394421	+	1	60	ATG	TGA	0	0	
mORF_+_4394431	4394431	4394619	+	1	189	ATG	TAA	0	0	
mORF_+_4394674	4394674	4394808	+	1	135	TTG	TAA	0	0	
mORF_+_4394812	4394812	4394838	+	1	27	GTG	TGA	0	0	
mORF_+_4394848	4394848	4395063	+	1	216	GTG	TAA	0	0	
mORF_+_4394936	4394936	4394950	+	2	15	ATG	TAA	0	0	

mORF_+_4395112	4395112	4395120	+	1	9	ATG	TAG	0	0	
mORF_+_4395151	4395151	4395396	+	1	246	TTG	TGA	0	0	
mORF_+_4395432	4395432	4397282	+	3	1851	TTG	TGA	2	7	pORF_+_4395432
mORF_+_4395475	4395475	4395513	+	1	39	TTG	TAG	0	0	
mORF_+_4395541	4395541	4395759	+	1	219	ATG	TGA	0	0	
mORF_+_4395805	4395805	4395825	+	1	21	ATG	TGA	0	0	
mORF_+_4395946	4395946	4396071	+	1	126	TTG	TAG	0	0	
mORF_+_4396079	4396079	4396099	+	2	21	TTG	TGA	0	0	
mORF_+_4396096	4396096	4396209	+	1	114	TTG	TGA	0	0	
mORF_+_4396118	4396118	4396393	+	2	276	ATG	TGA	0	0	
mORF_+_4396297	4396297	4396416	+	1	120	TTG	TGA	0	0	
mORF_+_4396459	4396459	4396551	+	1	93	ATG	TAG	0	0	
mORF_+_4396609	4396609	4396689	+	1	81	ATG	TAA	0	0	
mORF_+_4396717	4396717	4396752	+	1	36	TTG	TGA	0	0	
mORF_+_4396771	4396771	4396851	+	1	81	GTG	TGA	0	0	
mORF_+_4396829	4396829	4396861	+	2	33	TTG	TGA	0	0	
mORF_+_4396858	4396858	4396890	+	1	33	GTG	TGA	0	0	
mORF_+_4396871	4396871	4396972	+	2	102	TTG	TGA	0	0	
mORF_+_4396969	4396969	4396998	+	1	30	TTG	TGA	0	0	
mORF_+_4397104	4397104	4397130	+	1	27	TTG	TGA	0	0	
mORF_+_4397111	4397111	4397245	+	2	135	GTG	TGA	0	0	
mORF_+_4397140	4397140	4397169	+	2	30	ATG	TAA	0	0	
mORF_+_4397206	4397206	4397211	+	1	6	TTG	TGA	0	0	
mORF_+_4397224	4397224	4397262	+	1	39	GTG	TAA	0	0	
mORF_+_4397275	4397275	4398225	+	1	951	ATG	TGA	2	5	pORF_+_4397275
mORF_+_4397279	4397279	4397320	+	2	42	GTG	TGA	0	0	
mORF_+_4397357	4397357	4397383	+	2	27	TTG	TAG	0	0	
mORF_+_4397396	4397396	4397587	+	2	192	TTG	TAG	0	0	
mORF_+_4397672	4397672	4397731	+	2	60	TTG	TAG	0	0	
mORF_+_4397697	4397697	4397765	+	3	69	TTG	TGA	0	0	
mORF_+_4397738	4397738	4397821	+	2	84	TTG	TAA	0	0	
mORF_+_4397894	4397894	4398124	+	2	231	GTG	TAA	0	0	
mORF_+_4398015	4398015	4398050	+	3	36	TTG	TGA	0	0	
mORF_+_4398090	4398090	4398161	+	3	72	TTG	TGA	0	0	
mORF_+_4398134	4398134	4398298	+	2	165	GTG	TAA	0	0	
mORF_+_4398226	4398226	4398318	+	1	93	ATG	TAA	0	0	
mORF_+_4398228	4398228	4398239	+	3	12	GTG	TGA	0	0	
mORF_+_4398311	4398311	4398619	+	2	309	ATG	TAA	16	284	pORF_+_4398311
mORF_+_4398366	4398366	4398392	+	3	27	GTG	TGA	0	0	
mORF_+_4398393	4398393	4398440	+	3	48	ATG	TGA	0	0	
mORF_+_4398495	4398495	4398827	+	3	333	TTG	TGA	0	0	
mORF_+_4398695	4398695	4399975	+	2	1281	TTG	TAA	23	122	pORF_+_4398695
mORF_+_4398864	4398864	4398869	+	3	6	TTG	TAG	0	0	
mORF_+_4398870	4398870	4398947	+	3	78	GTG	TGA	0	0	
mORF_+_4398979	4398979	4399050	+	1	72	GTG	TGA	0	0	
mORF_+_4398990	4398990	4399019	+	3	30	GTG	TAG	0	0	
mORF_+_4399035	4399035	4399145	+	3	111	GTG	TAG	0	0	
mORF_+_4399152	4399152	4399454	+	3	303	GTG	TAG	0	0	
mORF_+_4399545	4399545	4399589	+	3	45	TTG	TGA	0	0	
mORF_+_4399599	4399599	4399640	+	3	42	TTG	TGA	0	0	
mORF_+_4399680	4399680	4399766	+	3	87	TTG	TGA	0	0	
mORF_+_4399870	4399870	4399923	+	1	54	GTG	TGA	0	0	
mORF_+_4399920	4399920	4399958	+	3	39	TTG	TGA	0	0	
mORF_+_4399994	4399994	4400083	+	2	90	GTG	TAA	0	0	
mORF_+_4400061	4400061	4401320	+	3	1260	ATG	TAA	48	426	pORF_+_4400061
mORF_+_4400105	4400105	4400137	+	2	33	GTG	TGA	0	0	
mORF_+_4400143	4400143	4400184	+	1	42	ATG	TAG	0	0	
mORF_+_4400185	4400185	4400205	+	1	21	ATG	TGA	0	0	
mORF_+_4400218	4400218	4400385	+	1	168	GTG	TAA	0	0	
mORF_+_4400392	4400392	4400427	+	1	36	TTG	TGA	0	0	
mORF_+_4400482	4400482	4400505	+	1	24	GTG	TGA	0	0	
mORF_+_4400536	4400536	4400544	+	1	9	TTG	TGA	0	0	
mORF_+_4400602	4400602	4400676	+	1	75	ATG	TGA	0	0	

mORF_+_4400740	4400740	4400802	+	1	63	ATG	TAA	0	0	
mORF_+_4400812	4400812	4401111	+	1	300	TTG	TGA	0	0	
mORF_+_4401142	4401142	4401330	+	1	189	GTG	TAA	0	0	
mORF_+_4401323	4401323	4402327	+	2	1005	ATG	TAA	62	1211	pORF_+_4401323
mORF_+_4401384	4401384	4401509	+	3	126	TTG	TGA	0	0	
mORF_+_4401558	4401558	4401563	+	3	6	TTG	TGA	0	0	
mORF_+_4401604	4401604	4401687	+	1	84	ATG	TAA	0	0	
mORF_+_4401645	4401645	4401680	+	3	36	GTG	TGA	0	0	
mORF_+_4401714	4401714	4401731	+	3	18	TTG	TGA	0	0	
mORF_+_4401753	4401753	4401764	+	3	12	GTG	TGA	0	0	
mORF_+_4401777	4401777	4401788	+	3	12	GTG	TGA	0	0	
mORF_+_4401813	4401813	4401869	+	3	57	ATG	TAA	0	0	
mORF_+_4401930	4401930	4402025	+	3	96	TTG	TAG	0	0	
mORF_+_4402086	4402086	4402094	+	3	9	ATG	TGA	0	0	
mORF_+_4402137	4402137	4402262	+	3	126	GTG	TGA	0	0	
mORF_+_4402374	4402374	4402412	+	3	39	ATG	TGA	0	0	
mORF_+_4402405	4402405	4402527	+	1	123	ATG	TAA	0	0	
mORF_+_4402409	4402409	4402606	+	2	198	ATG	TGA	0	0	
mORF_+_4402434	4402434	4402463	+	3	30	TTG	TAG	0	0	
mORF_+_4402542	4402542	4402589	+	3	48	TTG	TGA	0	0	
mORF_+_4402599	4402599	4402622	+	3	24	TTG	TGA	0	0	
mORF_+_4402635	4402635	4402676	+	3	42	TTG	TAG	0	0	
mORF_+_4402639	4402639	4402656	+	1	18	GTG	TAA	0	0	
mORF_+_4402670	4402670	4402717	+	2	48	ATG	TAA	0	0	
mORF_+_4402710	4402710	4404008	+	3	1299	ATG	TAA	137	2026	pORF_+_4402710
mORF_+_4402742	4402742	4402750	+	2	9	ATG	TGA	0	0	
mORF_+_4402747	4402747	4402782	+	1	36	GTG	TGA	0	0	
mORF_+_4402798	4402798	4402845	+	1	48	ATG	TAA	0	0	
mORF_+_4402852	4402852	4402905	+	1	54	GTG	TAA	0	0	
mORF_+_4402924	4402924	4402950	+	1	27	GTG	TGA	0	0	
mORF_+_4402978	4402978	4403028	+	1	51	GTG	TGA	0	0	
mORF_+_4403018	4403018	4403035	+	2	18	ATG	TGA	0	0	
mORF_+_4403032	4403032	4403136	+	1	105	TTG	TAG	0	0	
mORF_+_4403152	4403152	4403196	+	1	45	GTG	TGA	0	0	
mORF_+_4403254	4403254	4403304	+	1	51	TTG	TGA	0	0	
mORF_+_4403317	4403317	4403427	+	1	111	TTG	TAA	0	0	
mORF_+_4403449	4403449	4403532	+	1	84	GTG	TAG	0	0	
mORF_+_4403533	4403533	4403676	+	1	144	GTG	TGA	0	0	
mORF_+_4403719	4403719	4403727	+	1	9	ATG	TGA	0	0	
mORF_+_4403764	4403764	4403778	+	1	15	ATG	TGA	0	0	
mORF_+_4403812	4403812	4403817	+	1	6	GTG	TAG	0	0	
mORF_+_4403917	4403917	4403928	+	1	12	TTG	TGA	0	0	
mORF_+_4403932	4403932	4403982	+	1	51	GTG	TGA	0	0	
mORF_+_4404032	4404032	4404055	+	2	24	TTG	TGA	0	0	
mORF_+_4404052	4404052	4404075	+	1	24	GTG	TAA	0	0	
mORF_+_4404060	4404060	4404137	+	3	78	TTG	TAA	0	0	
mORF_+_4404065	4404065	4404103	+	2	39	GTG	TAA	0	0	
mORF_+_4404097	4404097	4404132	+	1	36	GTG	TGA	0	0	
mORF_+_4404152	4404152	4404205	+	2	54	TTG	TGA	0	0	
mORF_+_4404154	4404154	4404177	+	1	24	GTG	TAA	0	0	
mORF_+_4404178	4404178	4404222	+	1	45	ATG	TAA	0	0	
mORF_+_4404213	4404213	4404638	+	3	426	GTG	TGA	3	25	pORF_+_4404213
mORF_+_4404247	4404247	4404255	+	1	9	GTG	TGA	0	0	
mORF_+_4404364	4404364	4404378	+	1	15	GTG	TGA	0	0	
mORF_+_4404388	4404388	4404480	+	1	93	GTG	TGA	0	0	
mORF_+_4404482	4404482	4404493	+	2	12	TTG	TGA	0	0	
mORF_+_4404490	4404490	4404525	+	1	36	GTG	TGA	0	0	
mORF_+_4404497	4404497	4404520	+	2	24	TTG	TAG	0	0	
mORF_+_4404583	4404583	4404660	+	1	78	TTG	TGA	0	0	
mORF_+_4404635	4404635	4407118	+	2	2484	GTG	TGA	56	222	pORF_+_4404635
mORF_+_4404657	4404657	4404761	+	3	105	ATG	TAA	0	0	
mORF_+_4404768	4404768	4404803	+	3	36	GTG	TAG	0	0	
mORF_+_4404813	4404813	4404932	+	3	120	TTG	TGA	0	0	

mORF_+_4404898	4404898	4404957	+	1	60	GTG	TGA	0	0	
mORF_+_4404945	4404945	4405022	+	3	78	TTG	TGA	0	0	
mORF_+_4405035	4405035	4405193	+	3	159	ATG	TGA	0	0	
mORF_+_4405245	4405245	4405256	+	3	12	TTG	TAG	0	0	
mORF_+_4405347	4405347	4405421	+	3	75	TTG	TGA	0	0	
mORF_+_4405455	4405455	4405721	+	3	267	GTG	TAG	0	0	
mORF_+_4405561	4405561	4405629	+	1	69	ATG	TAA	0	0	
mORF_+_4405699	4405699	4405890	+	1	192	GTG	TAA	0	0	
mORF_+_4405938	4405938	4406051	+	3	114	GTG	TAA	0	0	
mORF_+_4406052	4406052	4406066	+	3	15	TTG	TGA	0	0	
mORF_+_4406059	4406059	4406100	+	1	42	GTG	TGA	0	0	
mORF_+_4406097	4406097	4406306	+	3	210	TTG	TGA	0	0	
mORF_+_4406334	4406334	4406405	+	3	72	GTG	TGA	0	0	
mORF_+_4406541	4406541	4406579	+	3	39	GTG	TGA	0	0	
mORF_+_4406581	4406581	4406586	+	1	6	GTG	TGA	0	0	
mORF_+_4406583	4406583	4406606	+	3	24	GTG	TAG	0	0	
mORF_+_4406646	4406646	4406738	+	3	93	TTG	TAG	0	0	
mORF_+_4406913	4406913	4406960	+	3	48	ATG	TAA	0	0	
mORF_+_4406964	4406964	4407068	+	3	105	TTG	TAG	0	0	
mORF_+_4407090	4407090	4407134	+	3	45	GTG	TAA	0	0	
mORF_+_4407115	4407115	4407156	+	1	42	GTG	TGA	0	0	
mORF_+_4407150	4407150	4407191	+	3	42	TTG	TGA	0	0	
mORF_+_4407161	4407161	4407298	+	2	138	ATG	TAA	0	0	
mORF_+_4407181	4407181	4407213	+	1	33	ATG	TAA	0	0	
mORF_+_4407232	4407232	4407282	+	1	51	TTG	TAA	0	0	
mORF_+_4407243	4407243	4407248	+	3	6	ATG	TAG	0	0	
mORF_+_4407298	4407298	4408029	+	1	732	ATG	TAA	20	82	pORF_+_4407298
mORF_+_4407389	4407389	4407415	+	2	27	GTG	TGA	0	0	
mORF_+_4407425	4407425	4407520	+	2	96	TTG	TGA	0	0	
mORF_+_4407630	4407630	4407641	+	3	12	GTG	TAG	0	0	
mORF_+_4407641	4407641	4407670	+	2	30	GTG	TGA	0	0	
mORF_+_4407671	4407671	4407721	+	2	51	TTG	TAG	0	0	
mORF_+_4407767	4407767	4407859	+	2	93	TTG	TGA	0	0	
mORF_+_4407884	4407884	4407913	+	2	30	GTG	TGA	0	0	
mORF_+_4407917	4407917	4407937	+	2	21	GTG	TGA	0	0	
mORF_+_4407924	4407924	4407932	+	3	9	TTG	TGA	0	0	
mORF_+_4407983	4407983	4408045	+	2	63	TTG	TGA	0	0	
mORF_+_4407996	4407996	4408007	+	3	12	TTG	TGA	0	0	
mORF_+_4408042	4408042	4408125	+	1	84	ATG	TAA	0	0	
mORF_+_4408064	4408064	4408084	+	2	21	ATG	TAG	0	0	
mORF_+_4408104	4408104	4408205	+	3	102	TTG	TGA	0	0	
mORF_+_4408144	4408144	4408152	+	1	9	ATG	TAA	0	0	
mORF_+_4408156	4408156	4408557	+	1	402	ATG	TAA	0	0	
mORF_+_4408214	4408214	4408222	+	2	9	TTG	TAA	0	0	
mORF_+_4408256	4408256	4408306	+	2	51	ATG	TGA	0	0	
mORF_+_4408323	4408323	4408337	+	3	15	TTG	TAG	0	0	
mORF_+_4408352	4408352	4408375	+	2	24	ATG	TAA	0	0	
mORF_+_4408442	4408442	4408498	+	2	57	TTG	TAA	0	0	
mORF_+_4408576	4408576	4409274	+	1	699	ATG	TAA	0	0	
mORF_+_4408640	4408640	4408744	+	2	105	TTG	TGA	0	0	
mORF_+_4408775	4408775	4408819	+	2	45	GTG	TAA	0	0	
mORF_+_4408853	4408853	4409041	+	2	189	TTG	TAA	0	0	
mORF_+_4409054	4409054	4409095	+	2	42	TTG	TAA	0	0	
mORF_+_4409138	4409138	4409245	+	2	108	ATG	TAG	0	0	
mORF_+_4409280	4409280	4409315	+	3	36	TTG	TAA	0	0	
mORF_+_4409325	4409325	4409984	+	3	660	ATG	TAA	0	0	
mORF_+_4409350	4409350	4409430	+	1	81	TTG	TAG	0	0	
mORF_+_4409449	4409449	4409460	+	1	12	ATG	TGA	0	0	
mORF_+_4409461	4409461	4409490	+	1	30	TTG	TAG	0	0	
mORF_+_4409554	4409554	4409700	+	1	147	ATG	TGA	0	0	
mORF_+_4409803	4409803	4409853	+	1	51	ATG	TAA	0	0	
mORF_+_4409810	4409810	4409824	+	2	15	ATG	TAA	0	0	
mORF_+_4409884	4409884	4409961	+	1	78	ATG	TGA	0	0	

mORF_+_4409921	4409921	4410400	+	2	480	GTG	TAA	0	0	
mORF_+_4409977	4409977	4410033	+	1	57	TTG	TAG	0	0	
mORF_+_4410024	4410024	4410065	+	3	42	TTG	TGA	0	0	
mORF_+_4410109	4410109	4410132	+	1	24	ATG	TAA	0	0	
mORF_+_4410192	4410192	4410212	+	3	21	GTG	TGA	0	0	
mORF_+_4410243	4410243	4410254	+	3	12	TTG	TGA	0	0	
mORF_+_4410270	4410270	4410302	+	3	33	TTG	TAA	0	0	
mORF_+_4410385	4410385	4410438	+	1	54	TTG	TAA	0	0	
mORF_+_4410410	4410410	4411048	+	2	639	ATG	TAA	0	0	
mORF_+_4410447	4410447	4410530	+	3	84	TTG	TAA	0	0	
mORF_+_4410499	4410499	4410579	+	1	81	GTG	TAG	0	0	
mORF_+_4410549	4410549	4410569	+	3	21	GTG	TGA	0	0	
mORF_+_4410591	4410591	4410728	+	3	138	ATG	TGA	0	0	
mORF_+_4410637	4410637	4410645	+	1	9	TTG	TGA	0	0	
mORF_+_4410667	4410667	4410750	+	1	84	TTG	TAA	0	0	
mORF_+_4410760	4410760	4410780	+	1	21	TTG	TGA	0	0	
mORF_+_4410774	4410774	4410818	+	3	45	ATG	TAA	0	0	
mORF_+_4410787	4410787	4410834	+	1	48	TTG	TAA	0	0	
mORF_+_4410843	4410843	4411103	+	3	261	ATG	TGA	0	0	
mORF_+_4411036	4411036	4412214	+	1	1179	TTG	TAA	1	2	pORF_+_4411036
mORF_+_4411133	4411133	4411255	+	2	123	ATG	TAA	0	0	
mORF_+_4411143	4411143	4411151	+	2	9	TTG	TGA	0	0	
mORF_+_4411227	4411227	4411235	+	3	9	GTG	TGA	0	0	
mORF_+_4411259	4411259	4411273	+	2	15	ATG	TGA	0	0	
mORF_+_4411304	4411304	4411309	+	2	6	ATG	TGA	0	0	
mORF_+_4411346	4411346	4411387	+	2	42	ATG	TGA	0	0	
mORF_+_4411368	4411368	4411493	+	3	126	GTG	TGA	0	0	
mORF_+_4411463	4411463	4411528	+	2	66	ATG	TGA	0	0	
mORF_+_4411572	4411572	4411595	+	3	24	TTG	TGA	0	0	
mORF_+_4411592	4411592	4411702	+	2	111	ATG	TGA	0	0	
mORF_+_4411709	4411709	4411762	+	2	54	TTG	TGA	0	0	
mORF_+_4411755	4411755	4411769	+	3	15	GTG	TGA	0	0	
mORF_+_4411766	4411766	4411837	+	2	72	GTG	TGA	0	0	
mORF_+_4411806	4411806	4411841	+	3	36	ATG	TAA	0	0	
mORF_+_4411863	4411863	4411889	+	3	27	TTG	TAA	0	0	
mORF_+_4411895	4411895	4412053	+	2	159	TTG	TGA	0	0	
mORF_+_4412084	4412084	4412167	+	2	84	TTG	TGA	0	0	
mORF_+_4412133	4412133	4412153	+	3	21	GTG	TGA	0	0	
mORF_+_4412204	4412204	4412326	+	2	123	TTG	TAA	0	0	
mORF_+_4412217	4412217	4412225	+	3	9	ATG	TAG	0	0	
mORF_+_4412241	4412241	4412258	+	3	18	ATG	TGA	0	0	
mORF_+_4412280	4412280	4413923	+	3	1644	TTG	TAA	9	27	pORF_+_4412280
mORF_+_4412368	4412368	4412391	+	1	24	ATG	TAA	0	0	
mORF_+_4412395	4412395	4412427	+	1	33	GTG	TAG	0	0	
mORF_+_4412434	4412434	4412448	+	1	15	TTG	TAG	0	0	
mORF_+_4412464	4412464	4412490	+	1	27	TTG	TGA	0	0	
mORF_+_4412515	4412515	4412571	+	1	57	ATG	TGA	0	0	
mORF_+_4412582	4412582	4412680	+	2	99	ATG	TGA	0	0	
mORF_+_4412605	4412605	4412703	+	1	99	TTG	TAA	0	0	
mORF_+_4412693	4412693	4412938	+	2	246	ATG	TAA	0	0	
mORF_+_4412713	4412713	4412781	+	1	69	TTG	TGA	0	0	
mORF_+_4412812	4412812	4412835	+	1	24	GTG	TGA	0	0	
mORF_+_4412836	4412836	4412850	+	1	15	TTG	TGA	0	0	
mORF_+_4412872	4412872	4412880	+	1	9	ATG	TGA	0	0	
mORF_+_4412893	4412893	4413069	+	1	177	GTG	TGA	0	0	
mORF_+_4412939	4412939	4413034	+	2	96	ATG	TGA	0	0	
mORF_+_4413101	4413101	4413199	+	2	99	TTG	TGA	0	0	
mORF_+_4413121	4413121	4413168	+	1	48	ATG	TGA	0	0	
mORF_+_4413181	4413181	4413189	+	1	9	GTG	TGA	0	0	
mORF_+_4413196	4413196	4413225	+	1	30	TTG	TGA	0	0	
mORF_+_4413200	4413200	4413214	+	2	15	TTG	TAG	0	0	
mORF_+_4413232	4413232	4413291	+	1	60	GTG	TGA	0	0	
mORF_+_4413313	4413313	4413321	+	1	9	ATG	TAA	0	0	

mORF_+_4413340	4413340	4413450	+	1	111	TTG	TGA	0	0	
mORF_+_4413380	4413380	4413526	+	2	147	GTG	TGA	0	0	
mORF_+_4413472	4413472	4413558	+	1	87	TTG	TAA	0	0	
mORF_+_4413566	4413566	4413619	+	2	54	TTG	TAA	0	0	
mORF_+_4413598	4413598	4413666	+	1	69	ATG	TGA	0	0	
mORF_+_4413685	4413685	4413795	+	1	111	TTG	TGA	0	0	
mORF_+_4413799	4413799	4413837	+	1	39	ATG	TGA	0	0	
mORF_+_4413824	4413824	4413886	+	2	63	GTG	TGA	0	0	
mORF_+_4413883	4413883	4413966	+	1	84	ATG	TGA	0	0	
mORF_+_4413914	4413914	4413937	+	2	24	GTG	TGA	0	0	
mORF_+_4413963	4413963	4414199	+	3	237	ATG	TGA	0	0	
mORF_+_4413970	4413970	4413975	+	1	6	ATG	TGA	0	0	
mORF_+_4413979	4413979	4413984	+	1	6	TTG	TAG	0	0	
mORF_+_4414016	4414016	4414036	+	2	21	TTG	TGA	0	0	
mORF_+_4414024	4414024	4414032	+	1	9	TTG	TAG	0	0	
mORF_+_4414033	4414033	4414101	+	1	69	ATG	TAA	0	0	
mORF_+_4414114	4414114	4414188	+	1	75	ATG	TAA	0	0	
mORF_+_4414124	4414124	4414141	+	2	18	TTG	TAA	0	0	
mORF_+_4414252	4414252	4414395	+	1	144	GTG	TAA	0	0	
mORF_+_4414257	4414257	4414274	+	3	18	GTG	TAA	0	0	
mORF_+_4414283	4414283	4414297	+	2	15	TTG	TGA	0	0	
mORF_+_4414307	4414307	4414369	+	2	63	TTG	TAA	0	0	
mORF_+_4414400	4414400	4414453	+	2	54	TTG	TAA	0	0	
mORF_+_4414402	4414402	4414413	+	1	12	GTG	TAA	0	0	
mORF_+_4414434	4414434	4414439	+	3	6	ATG	TAA	0	0	
mORF_+_4414455	4414455	4414490	+	3	36	TTG	TGA	0	0	
mORF_+_4414480	4414480	4414539	+	1	60	ATG	TAA	0	0	
mORF_+_4414487	4414487	4414528	+	2	42	GTG	TGA	0	0	
mORF_+_4414550	4414550	4414573	+	2	24	TTG	TGA	0	0	
mORF_+_4414570	4414570	4414764	+	1	195	TTG	TAA	0	0	
mORF_+_4414583	4414583	4414768	+	2	186	ATG	TAA	0	0	
mORF_+_4414641	4414641	4414730	+	3	90	TTG	TAA	0	0	
mORF_+_4414795	4414795	4414800	+	1	6	GTG	TAG	0	0	
mORF_+_4414800	4414800	4414811	+	3	12	GTG	TAA	0	0	
mORF_+_4414819	4414819	4414866	+	1	48	TTG	TGA	0	0	
mORF_+_4414827	4414827	4414874	+	3	48	ATG	TGA	0	0	
mORF_+_4414838	4414838	4414885	+	2	48	TTG	TAA	0	0	
mORF_+_4414902	4414902	4414910	+	3	9	ATG	TAA	0	0	
mORF_+_4414927	4414927	4414935	+	1	9	TTG	TAA	0	0	
mORF_+_4414929	4414929	4414982	+	3	54	GTG	TGA	0	0	
mORF_+_4414946	4414946	4414978	+	2	33	ATG	TGA	0	0	
mORF_+_4414975	4414975	4415724	+	1	750	ATG	TAA	2	5	pORF_+_4414975
mORF_+_4414979	4414979	4414987	+	2	9	TTG	TAG	0	0	
mORF_+_4415021	4415021	4415065	+	2	45	ATG	TAA	0	0	
mORF_+_4415058	4415058	4415105	+	3	48	GTG	TAG	0	0	
mORF_+_4415111	4415111	4415146	+	2	36	TTG	TGA	0	0	
mORF_+_4415156	4415156	4415206	+	2	51	ATG	TAA	0	0	
mORF_+_4415258	4415258	4415269	+	2	12	GTG	TAG	0	0	
mORF_+_4415288	4415288	4415332	+	2	45	TTG	TGA	0	0	
mORF_+_4415370	4415370	4415444	+	3	75	ATG	TGA	0	0	
mORF_+_4415462	4415462	4415611	+	2	150	ATG	TAA	0	0	
mORF_+_4415496	4415496	4415528	+	3	33	GTG	TAG	0	0	
mORF_+_4415547	4415547	4415567	+	3	21	GTG	TGA	0	0	
mORF_+_4415646	4415646	4415681	+	3	36	ATG	TGA	0	0	
mORF_+_4415690	4415690	4415701	+	2	12	ATG	TGA	0	0	
mORF_+_4415734	4415734	4415811	+	1	78	ATG	TGA	0	0	
mORF_+_4415745	4415745	4416020	+	3	276	TTG	TAA	0	0	
mORF_+_4415912	4415912	4415971	+	2	60	TTG	TAA	0	0	
mORF_+_4416022	4416022	4416033	+	1	12	GTG	TGA	0	0	
mORF_+_4416037	4416037	4416081	+	1	45	TTG	TGA	0	0	
mORF_+_4416072	4416072	4416107	+	3	36	ATG	TAG	0	0	
mORF_+_4416095	4416095	4416115	+	2	21	TTG	TAG	0	0	
mORF_+_4416115	4416115	4416249	+	1	135	GTG	TGA	0	0	

mORF_+_4416123	4416123	4416491	+	3	369	TTG	TAA	0	0
mORF_+_4416316	4416316	4416456	+	1	141	TTG	TGA	0	0
mORF_+_4416431	4416431	4416478	+	2	48	GTG	TGA	0	0
mORF_+_4416475	4416475	4416498	+	1	24	ATG	TGA	0	0
mORF_+_4416495	4416495	4416518	+	3	24	TTG	TGA	0	0
mORF_+_4416508	4416508	4416546	+	1	39	ATG	TAG	0	0
mORF_+_4416515	4416515	4416523	+	2	9	TTG	TAG	0	0
mORF_+_4416592	4416592	4416600	+	1	9	ATG	TGA	0	0
mORF_+_4416597	4416597	4416650	+	3	54	TTG	TAG	0	0
mORF_+_4416650	4416650	4416793	+	2	144	GTG	TGA	0	0
mORF_+_4416663	4416663	4416929	+	3	267	TTG	TGA	0	0
mORF_+_4416790	4416790	4416882	+	1	93	TTG	TGA	0	0
mORF_+_4416803	4416803	4416913	+	2	111	GTG	TAA	0	0
mORF_+_4416929	4416929	4417426	+	2	498	ATG	TAA	0	0
mORF_+_4417005	4417005	4417016	+	3	12	TTG	TAG	0	0
mORF_+_4417035	4417035	4417067	+	3	33	ATG	TGA	0	0
mORF_+_4417080	4417080	4417118	+	3	39	GTG	TGA	0	0
mORF_+_4417087	4417087	4417158	+	1	72	GTG	TGA	0	0
mORF_+_4417125	4417125	4417286	+	3	162	ATG	TGA	0	0
mORF_+_4417290	4417290	4417295	+	3	6	TTG	TGA	0	0
mORF_+_4417356	4417356	4417412	+	3	57	GTG	TGA	0	0
mORF_+_4417369	4417369	4417629	+	1	261	TTG	TGA	0	0
mORF_+_4417436	4417436	4417666	+	2	231	GTG	TGA	0	0
mORF_+_4417446	4417446	4417691	+	3	246	TTG	TGA	0	0
mORF_+_4417663	4417663	4417701	+	1	39	ATG	TGA	0	0
mORF_+_4417688	4417688	4417705	+	2	18	GTG	TAA	0	0
mORF_+_4417692	4417692	4417736	+	3	45	TTG	TGA	0	0
mORF_+_4417733	4417733	4417747	+	2	15	ATG	TGA	0	0
mORF_+_4417744	4417744	4417773	+	1	30	TTG	TGA	0	0
mORF_+_4417752	4417752	4417820	+	3	69	TTG	TAA	0	0
mORF_+_4417795	4417795	4417824	+	1	30	ATG	TGA	0	0
mORF_+_4417802	4417802	4417807	+	2	6	GTG	TAA	0	0
mORF_+_4417821	4417821	4417838	+	3	18	ATG	TAA	0	0
mORF_+_4417831	4417831	4417854	+	1	24	ATG	TGA	0	0
mORF_+_4417839	4417839	4417940	+	3	102	TTG	TAG	0	0
mORF_+_4417847	4417847	4417912	+	2	66	TTG	TAA	0	0
mORF_+_4417915	4417915	4417923	+	1	9	TTG	TGA	0	0
mORF_+_4417930	4417930	4418040	+	1	111	TTG	TAA	0	0
mORF_+_4417946	4417946	4419400	+	2	1455	GTG	TAA	0	0
mORF_+_4417962	4417962	4418051	+	3	90	GTG	TGA	0	0
mORF_+_4418055	4418055	4418081	+	3	27	ATG	TGA	0	0
mORF_+_4418112	4418112	4418150	+	3	39	GTG	TAA	0	0
mORF_+_4418151	4418151	4418273	+	3	123	TTG	TGA	0	0
mORF_+_4418298	4418298	4418333	+	3	36	ATG	TAG	0	0
mORF_+_4418433	4418433	4418531	+	3	99	TTG	TGA	0	0
mORF_+_4418467	4418467	4418616	+	1	150	GTG	TAA	0	0
mORF_+_4418559	4418559	4418681	+	3	123	ATG	TGA	0	0
mORF_+_4418715	4418715	4418720	+	3	6	TTG	TGA	0	0
mORF_+_4418733	4418733	4418918	+	3	186	TTG	TGA	0	0
mORF_+_4418925	4418925	4419017	+	3	93	GTG	TGA	0	0
mORF_+_4418995	4418995	4419093	+	1	99	GTG	TAA	0	0
mORF_+_4419018	4419018	4419059	+	3	42	TTG	TGA	0	0
mORF_+_4419135	4419135	4419146	+	3	12	GTG	TGA	0	0
mORF_+_4419151	4419151	4419513	+	1	363	TTG	TGA	0	0
mORF_+_4419180	4419180	4419200	+	3	21	TTG	TGA	0	0
mORF_+_4419216	4419216	4419263	+	3	48	GTG	TGA	0	0
mORF_+_4419309	4419309	4419314	+	3	6	TTG	TAA	0	0
mORF_+_4419315	4419315	4419413	+	3	99	TTG	TGA	0	0
mORF_+_4419410	4419410	4419721	+	2	312	TTG	TAA	0	0
mORF_+_4419441	4419441	4419467	+	3	27	GTG	TGA	0	0
mORF_+_4419510	4419510	4419524	+	3	15	TTG	TAA	0	0
mORF_+_4419537	4419537	4419560	+	3	24	TTG	TGA	0	0
mORF_+_4419561	4419561	4419614	+	3	54	GTG	TGA	0	0

mORF_+_4419633	4419633	4419689	+	3	57	TTG	TGA	0	0	
mORF_+_4419711	4419711	4419716	+	3	6	ATG	TGA	0	0	
mORF_+_4419731	4419731	4420195	+	2	465	ATG	TAA	0	0	
mORF_+_4419741	4419741	4419809	+	3	69	GTG	TGA	0	0	
mORF_+_4419793	4419793	4419822	+	1	30	ATG	TGA	0	0	
mORF_+_4419819	4419819	4419848	+	3	30	TTG	TAG	0	0	
mORF_+_4419876	4419876	4419980	+	3	105	ATG	TAA	0	0	
mORF_+_4420011	4420011	4420859	+	3	849	ATG	TAA	1	9	pORF_+_4420011
mORF_+_4420282	4420282	4420359	+	1	78	TTG	TGA	0	0	
mORF_+_4420322	4420322	4420354	+	2	33	GTG	TGA	0	0	
mORF_+_4420402	4420402	4420461	+	1	60	TTG	TGA	0	0	
mORF_+_4420433	4420433	4420453	+	2	21	GTG	TGA	0	0	
mORF_+_4420469	4420469	4420525	+	2	57	TTG	TAA	0	0	
mORF_+_4420474	4420474	4420548	+	1	75	GTG	TGA	0	0	
mORF_+_4420580	4420580	4420627	+	2	48	GTG	TGA	0	0	
mORF_+_4420588	4420588	4420962	+	1	375	ATG	TAG	0	0	
mORF_+_4420649	4420649	4420786	+	2	138	GTG	TAG	0	0	
mORF_+_4420850	4420850	4420903	+	2	54	GTG	TGA	0	0	
mORF_+_4420869	4420869	4421723	+	3	855	ATG	TAA	0	0	
mORF_+_4420925	4420925	4420993	+	2	69	GTG	TGA	0	0	
mORF_+_4420972	4420972	4420989	+	1	18	TTG	TAG	0	0	
mORF_+_4420990	4420990	4421208	+	1	219	ATG	TGA	0	0	
mORF_+_4421090	4421090	4421128	+	2	39	GTG	TGA	0	0	
mORF_+_4421224	4421224	4421283	+	1	60	ATG	TGA	0	0	
mORF_+_4421293	4421293	4421319	+	1	27	TTG	TGA	0	0	
mORF_+_4421402	4421402	4421620	+	2	219	GTG	TGA	0	0	
mORF_+_4421452	4421452	4421505	+	1	54	ATG	TGA	0	0	
mORF_+_4421542	4421542	4421556	+	1	15	TTG	TAG	0	0	
mORF_+_4421593	4421593	4421616	+	1	24	GTG	TGA	0	0	
mORF_+_4421617	4421617	4421682	+	1	66	TTG	TGA	0	0	
mORF_+_4421624	4421624	4421674	+	2	51	GTG	TGA	0	0	
mORF_+_4421675	4421675	4422409	+	2	735	TTG	TAG	0	0	
mORF_+_4421748	4421748	4421786	+	3	39	TTG	TGA	0	0	
mORF_+_4421856	4421856	4421873	+	3	18	TTG	TGA	0	0	
mORF_+_4421895	4421895	4421903	+	3	9	TTG	TGA	0	0	
mORF_+_4421985	4421985	4422059	+	3	75	TTG	TAG	0	0	
mORF_+_4422025	4422025	4422141	+	1	117	ATG	TGA	0	0	
mORF_+_4422084	4422084	4422113	+	3	30	TTG	TAA	0	0	
mORF_+_4422138	4422138	4422146	+	3	9	ATG	TGA	0	0	
mORF_+_4422207	4422207	4422278	+	3	72	TTG	TGA	0	0	
mORF_+_4422301	4422301	4422321	+	1	21	GTG	TAA	0	0	
mORF_+_4422306	4422306	4422353	+	3	48	TTG	TGA	0	0	
mORF_+_4422509	4422509	4422646	+	2	138	ATG	TAA	0	0	
mORF_+_4422523	4422523	4422687	+	1	165	TTG	TGA	0	0	
mORF_+_4422570	4422570	4422611	+	3	42	TTG	TAG	0	0	
mORF_+_4422669	4422669	4422683	+	3	15	GTG	TGA	0	0	
mORF_+_4422680	4422680	4422703	+	2	24	ATG	TAA	0	0	
mORF_+_4422684	4422684	4422692	+	3	9	TTG	TAA	0	0	
mORF_+_4422707	4422707	4422775	+	2	69	TTG	TAG	0	0	
mORF_+_4422750	4422750	4422857	+	3	108	ATG	TGA	0	0	
mORF_+_4422760	4422760	4422810	+	1	51	ATG	TGA	0	0	
mORF_+_4422838	4422838	4422873	+	1	36	TTG	TAA	0	0	
mORF_+_4422842	4422842	4422868	+	2	27	GTG	TGA	0	0	
mORF_+_4422883	4422883	4423017	+	1	135	ATG	TGA	0	0	
mORF_+_4422914	4422914	4422940	+	2	27	ATG	TGA	0	0	
mORF_+_4422945	4422945	4422950	+	3	6	GTG	TGA	0	0	
mORF_+_4422947	4422947	4422973	+	2	27	GTG	TAG	0	0	
mORF_+_4422981	4422981	4423070	+	3	90	TTG	TAA	0	0	
mORF_+_4423079	4423079	4423129	+	2	51	TTG	TAA	0	0	
mORF_+_4423141	4423141	4423536	+	1	396	ATG	TAA	110	5579	pORF_+_4423141
mORF_+_4423232	4423232	4423324	+	2	93	GTG	TGA	0	0	
mORF_+_4423328	4423328	4423351	+	2	24	ATG	TGA	0	0	
mORF_+_4423355	4423355	4423543	+	2	189	ATG	TGA	0	0	

mORF_+_4423543	4423543	4423857	+	1	315	ATG	TAG	0	0	
mORF_+_4423575	4423575	4423637	+	3	63	GTG	TGA	0	0	
mORF_+_4423634	4423634	4423741	+	2	108	TTG	TAA	0	0	
mORF_+_4423680	4423680	4423706	+	3	27	GTG	TAG	0	0	
mORF_+_4423779	4423779	4423835	+	3	57	ATG	TGA	0	0	
mORF_+_4423820	4423820	4423840	+	2	21	ATG	TGA	0	0	
mORF_+_4423862	4423862	4424089	+	2	228	ATG	TAA	40	2255	pORF_+_4423862
mORF_+_4423977	4423977	4424126	+	3	150	TTG	TAA	0	0	
mORF_+_4424131	4424131	4424580	+	1	450	ATG	TAA	91	8516	pORF_+_4424131
mORF_+_4424147	4424147	4424158	+	2	12	TTG	TAG	0	0	
mORF_+_4424177	4424177	4424188	+	2	12	GTG	TAA	0	0	
mORF_+_4424204	4424204	4424440	+	2	237	ATG	TAA	0	0	
mORF_+_4424453	4424453	4424521	+	2	69	TTG	TGA	0	0	
mORF_+_4424615	4424615	4424695	+	2	81	TTG	TAA	0	0	
mORF_+_4424686	4424686	4424739	+	1	54	GTG	TGA	0	0	
mORF_+_4424702	4424702	4424719	+	2	18	ATG	TAG	0	0	
mORF_+_4424739	4424739	4424783	+	3	45	ATG	TAG	0	0	
mORF_+_4424785	4424785	4424868	+	1	84	TTG	TGA	0	0	
mORF_+_4424828	4424828	4424836	+	2	9	ATG	TAA	0	0	
mORF_+_4424865	4424865	4424921	+	3	57	ATG	TAA	0	0	
mORF_+_4424909	4424909	4424938	+	2	30	TTG	TAG	0	0	
mORF_+_4424929	4424929	4424958	+	1	30	TTG	TAG	0	0	
mORF_+_4424963	4424963	4425094	+	2	132	TTG	TAA	0	0	
mORF_+_4425049	4425049	4425171	+	1	123	TTG	TAG	0	0	
mORF_+_4425051	4425051	4425131	+	3	81	GTG	TAA	0	0	
mORF_+_4425138	4425138	4425155	+	3	18	TTG	TGA	0	0	
mORF_+_4425152	4425152	4425166	+	2	15	GTG	TAA	0	0	
mORF_+_4425176	4425176	4425244	+	2	69	ATG	TAA	0	0	
mORF_+_4425208	4425208	4425213	+	1	6	TTG	TGA	0	0	
mORF_+_4425210	4425210	4425224	+	3	15	GTG	TAA	0	0	
mORF_+_4425249	4425249	4425317	+	3	69	TTG	TGA	0	0	
mORF_+_4425253	4425253	4425345	+	1	93	ATG	TAG	0	0	
mORF_+_4425257	4425257	4425268	+	2	12	TTG	TGA	0	0	
mORF_+_4425281	4425281	4425334	+	2	54	GTG	TGA	0	0	
mORF_+_4425349	4425349	4425429	+	1	81	GTG	TAG	0	0	
mORF_+_4425356	4425356	4425370	+	2	15	TTG	TAA	0	0	
mORF_+_4425381	4425381	4425425	+	3	45	TTG	TAA	0	0	
mORF_+_4425433	4425433	4425450	+	1	18	TTG	TAA	0	0	
mORF_+_4425450	4425450	4425464	+	3	15	ATG	TAA	0	0	
mORF_+_4425464	4425464	4425475	+	2	12	ATG	TAA	0	0	
mORF_+_4425489	4425489	4425515	+	3	27	ATG	TAA	0	0	
mORF_+_4425527	4425527	4425571	+	2	45	TTG	TAA	0	0	
mORF_+_4425555	4425555	4425599	+	3	45	ATG	TAA	0	0	
mORF_+_4425590	4425590	4425622	+	2	33	ATG	TGA	0	0	
mORF_+_4425619	4425619	4425786	+	1	168	ATG	TAA	0	0	
mORF_+_4425648	4425648	4425665	+	3	18	TTG	TAA	0	0	
mORF_+_4425653	4425653	4425700	+	2	48	GTG	TAA	0	0	
mORF_+_4425752	4425752	4425772	+	2	21	ATG	TAA	0	0	
mORF_+_4425776	4425776	4425799	+	2	24	TTG	TAG	0	0	
mORF_+_4425790	4425790	4425849	+	1	60	TTG	TAG	0	0	
mORF_+_4425792	4425792	4426118	+	3	327	GTG	TAA	0	0	
mORF_+_4425859	4425859	4425876	+	1	18	ATG	TAA	0	0	
mORF_+_4425892	4425892	4425945	+	1	54	ATG	TGA	0	0	
mORF_+_4425955	4425955	4425981	+	1	27	TTG	TGA	0	0	
mORF_+_4425997	4425997	4426179	+	1	183	TTG	TAA	0	0	
mORF_+_4426139	4426139	4426156	+	2	18	GTG	TGA	0	0	
mORF_+_4426172	4426172	4426282	+	2	111	ATG	TAG	0	0	
mORF_+_4426231	4426231	4426494	+	1	264	TTG	TAA	0	0	
mORF_+_4426275	4426275	4426292	+	3	18	TTG	TAG	0	0	
mORF_+_4426389	4426389	4426406	+	3	18	ATG	TAG	0	0	
mORF_+_4426482	4426482	4426490	+	3	9	GTG	TAA	0	0	
mORF_+_4426495	4426495	4426530	+	1	36	TTG	TGA	0	0	
mORF_+_4426527	4426527	4426634	+	3	108	GTG	TAA	0	0	

mORF_+_4426531	4426531	4426548	+	1	18	TTG	TAA	0	0	
mORF_+_4426577	4426577	4426789	+	2	213	TTG	TAA	0	0	
mORF_+_4426648	4426648	4426722	+	1	75	ATG	TAG	0	0	
mORF_+_4426713	4426713	4426778	+	3	66	TTG	TAG	0	0	
mORF_+_4426762	4426762	4426785	+	1	24	TTG	TGA	0	0	
mORF_+_4426782	4426782	4426802	+	3	21	ATG	TGA	0	0	
mORF_+_4426799	4426799	4427578	+	2	780	ATG	TAA	48	692	pORF_+_4426799
mORF_+_4426908	4426908	4426961	+	3	54	GTG	TGA	0	0	
mORF_+_4426974	4426974	4427021	+	3	48	TTG	TAG	0	0	
mORF_+_4427034	4427034	4427213	+	3	180	GTG	TGA	0	0	
mORF_+_4427244	4427244	4427249	+	3	6	GTG	TGA	0	0	
mORF_+_4427292	4427292	4427351	+	3	60	GTG	TGA	0	0	
mORF_+_4427367	4427367	4427420	+	3	54	TTG	TGA	0	0	
mORF_+_4427433	4427433	4427444	+	3	12	TTG	TGA	0	0	
mORF_+_4427467	4427467	4427553	+	1	87	ATG	TGA	0	0	
mORF_+_4427499	4427499	4427630	+	3	132	ATG	TAA	0	0	
mORF_+_4427641	4427641	4427724	+	1	84	TTG	TGA	0	0	
mORF_+_4427661	4427661	4427696	+	3	36	GTG	TGA	0	0	
mORF_+_4427693	4427693	4427719	+	2	27	GTG	TGA	0	0	
mORF_+_4427721	4427721	4427855	+	3	135	ATG	TGA	0	0	
mORF_+_4427783	4427783	4427830	+	2	48	TTG	TAG	0	0	
mORF_+_4427887	4427887	4429299	+	1	1413	ATG	TAA	7	33	pORF_+_4427887
mORF_+_4427909	4427909	4428070	+	2	162	TTG	TGA	0	0	
mORF_+_4428074	4428074	4428097	+	2	24	TTG	TGA	0	0	
mORF_+_4428149	4428149	4428226	+	2	78	GTG	TAA	0	0	
mORF_+_4428177	4428177	4428362	+	3	186	GTG	TGA	0	0	
mORF_+_4428260	4428260	4428313	+	2	54	ATG	TGA	0	0	
mORF_+_4428359	4428359	4428385	+	2	27	GTG	TGA	0	0	
mORF_+_4428401	4428401	4428412	+	2	12	TTG	TGA	0	0	
mORF_+_4428413	4428413	4428520	+	2	108	TTG	TAA	0	0	
mORF_+_4428486	4428486	4428494	+	3	9	GTG	TGA	0	0	
mORF_+_4428521	4428521	4428547	+	2	27	GTG	TAG	0	0	
mORF_+_4428569	4428569	4428580	+	2	12	TTG	TAG	0	0	
mORF_+_4428680	4428680	4428685	+	2	6	TTG	TGA	0	0	
mORF_+_4428702	4428702	4428740	+	3	39	GTG	TGA	0	0	
mORF_+_4428734	4428734	4428757	+	2	24	TTG	TAG	0	0	
mORF_+_4428788	4428788	4428799	+	2	12	TTG	TGA	0	0	
mORF_+_4428854	4428854	4428931	+	2	78	TTG	TGA	0	0	
mORF_+_4428939	4428939	4428986	+	3	48	GTG	TAG	0	0	
mORF_+_4428974	4428974	4428979	+	2	6	ATG	TGA	0	0	
mORF_+_4428986	4428986	4428991	+	2	6	GTG	TGA	0	0	
mORF_+_4428992	4428992	4429009	+	2	18	TTG	TGA	0	0	
mORF_+_4429059	4429059	4429103	+	3	45	TTG	TGA	0	0	
mORF_+_4429070	4429070	4429138	+	2	69	TTG	TGA	0	0	
mORF_+_4429140	4429140	4429199	+	3	60	GTG	TGA	0	0	
mORF_+_4429163	4429163	4429186	+	2	24	TTG	TGA	0	0	
mORF_+_4429196	4429196	4429342	+	2	147	ATG	TAG	0	0	
mORF_+_4429230	4429230	4429271	+	3	42	GTG	TAA	0	0	
mORF_+_4429317	4429317	4429952	+	3	636	ATG	TGA	0	0	
mORF_+_4429364	4429364	4429393	+	2	30	GTG	TGA	0	0	
mORF_+_4429378	4429378	4429398	+	1	21	TTG	TGA	0	0	
mORF_+_4429426	4429426	4429695	+	1	270	ATG	TGA	0	0	
mORF_+_4429472	4429472	4429477	+	2	6	GTG	TGA	0	0	
mORF_+_4429550	4429550	4429585	+	2	36	TTG	TGA	0	0	
mORF_+_4429658	4429658	4429711	+	2	54	TTG	TAG	0	0	
mORF_+_4429768	4429768	4429923	+	1	156	ATG	TAA	0	0	
mORF_+_4429838	4429838	4429858	+	2	21	TTG	TGA	0	0	
mORF_+_4429880	4429880	4429966	+	2	87	GTG	TAG	0	0	
mORF_+_4429989	4429989	4430012	+	3	24	TTG	TGA	0	0	
mORF_+_4430036	4430036	4430083	+	2	48	ATG	TAG	0	0	
mORF_+_4430047	4430047	4430058	+	1	12	ATG	TAA	0	0	
mORF_+_4430111	4430111	4430125	+	2	15	GTG	TGA	0	0	
mORF_+_4430155	4430155	4430163	+	1	9	TTG	TGA	0	0	

mORF_+_4430169	4430169	4430444	+	3	276	ATG	TAA	0	0
mORF_+_4430225	4430225	4430239	+	2	15	TTG	TAA	0	0
mORF_+_4430332	4430332	4430379	+	1	48	GTG	TAA	0	0
mORF_+_4430426	4430426	4430470	+	2	45	TTG	TGA	0	0
mORF_+_4430467	4430467	4430484	+	1	18	GTG	TGA	0	0
mORF_+_4430481	4430481	4430615	+	3	135	GTG	TAA	0	0
mORF_+_4430500	4430500	4430769	+	1	270	TTG	TGA	0	0
mORF_+_4430516	4430516	4430590	+	2	75	ATG	TAA	0	0
mORF_+_4430642	4430642	4430650	+	2	9	GTG	TAA	0	0
mORF_+_4430679	4430679	4430744	+	3	66	ATG	TAA	0	0
mORF_+_4430751	4430751	4430822	+	3	72	TTG	TGA	0	0
mORF_+_4430819	4430819	4430953	+	2	135	TTG	TAA	0	0
mORF_+_4430823	4430823	4430846	+	3	24	ATG	TAA	0	0
mORF_+_4430850	4430850	4430909	+	3	60	ATG	TGA	0	0
mORF_+_4430937	4430937	4430969	+	3	33	ATG	TAA	0	0
mORF_+_4431092	4431092	4431190	+	2	99	TTG	TAG	0	0
mORF_+_4431129	4431129	4431182	+	3	54	TTG	TAA	0	0
mORF_+_4431208	4431208	4431228	+	1	21	ATG	TAA	0	0
mORF_+_4431231	4431231	4431260	+	3	30	TTG	TAA	0	0
mORF_+_4431241	4431241	4431435	+	1	195	GTG	TAA	0	0
mORF_+_4431254	4431254	4431391	+	2	138	TTG	TGA	0	0
mORF_+_4431261	4431261	4431398	+	3	138	GTG	TAA	0	0
mORF_+_4431404	4431404	4431475	+	2	72	TTG	TAA	0	0
mORF_+_4431438	4431438	4431503	+	3	66	GTG	TAA	0	0
mORF_+_4431479	4431479	4431490	+	2	12	TTG	TGA	0	0
mORF_+_4431487	4431487	4431546	+	1	60	GTG	TGA	0	0
mORF_+_4431510	4431510	4431578	+	3	69	GTG	TAA	0	0
mORF_+_4431554	4431554	4431619	+	2	66	TTG	TAG	0	0
mORF_+_4431586	4431586	4431735	+	1	150	GTG	TAG	0	0
mORF_+_4431594	4431594	4431755	+	3	162	GTG	TAA	0	0
mORF_+_4431638	4431638	4431655	+	2	18	TTG	TAA	0	0
mORF_+_4431659	4431659	4431748	+	2	90	ATG	TAA	0	0
mORF_+_4431774	4431774	4431785	+	3	12	TTG	TAA	0	0
mORF_+_4431796	4431796	4431843	+	1	48	ATG	TAG	0	0
mORF_+_4431861	4431861	4431911	+	3	51	GTG	TAA	0	0
mORF_+_4431911	4431911	4432009	+	2	99	ATG	TAG	0	0
mORF_+_4431916	4431916	4432095	+	1	180	TTG	TAA	0	0
mORF_+_4431918	4431918	4431959	+	3	42	GTG	TAG	0	0
mORF_+_4432025	4432025	4432516	+	2	492	GTG	TAA	0	0
mORF_+_4432065	4432065	4432079	+	3	15	TTG	TAA	0	0
mORF_+_4432131	4432131	4432139	+	3	9	ATG	TGA	0	0
mORF_+_4432182	4432182	4432214	+	3	33	TTG	TGA	0	0
mORF_+_4432192	4432192	4432281	+	1	90	GTG	TAG	0	0
mORF_+_4432302	4432302	4432310	+	3	9	GTG	TGA	0	0
mORF_+_4432311	4432311	4432346	+	3	36	GTG	TAG	0	0
mORF_+_4432353	4432353	4432433	+	3	81	ATG	TGA	0	0
mORF_+_4432443	4432443	4432472	+	3	30	TTG	TGA	0	0
mORF_+_4432500	4432500	4432532	+	3	33	ATG	TGA	0	0
mORF_+_4432549	4432549	4432563	+	1	15	GTG	TAG	0	0
mORF_+_4432553	4432553	4432600	+	2	48	ATG	TAA	0	0
mORF_+_4432601	4432601	4432627	+	2	27	ATG	TAG	0	0
mORF_+_4432608	4432608	4432730	+	3	123	ATG	TAA	0	0
mORF_+_4432640	4432640	4432666	+	2	27	GTG	TGA	0	0
mORF_+_4432800	4432800	4433012	+	3	213	GTG	TAA	0	0
mORF_+_4432814	4432814	4432834	+	2	21	TTG	TGA	0	0
mORF_+_4432831	4432831	4432902	+	1	72	GTG	TGA	0	0
mORF_+_4432915	4432915	4433160	+	1	246	ATG	TGA	0	0
mORF_+_4432940	4432940	4432951	+	2	12	TTG	TAA	0	0
mORF_+_4432964	4432964	4433071	+	2	108	TTG	TAA	0	0
mORF_+_4433132	4433132	4433272	+	2	141	GTG	TAG	0	0
mORF_+_4433157	4433157	4433195	+	3	39	GTG	TAA	0	0
mORF_+_4433331	4433331	4433363	+	3	33	TTG	TAA	0	0
mORF_+_4433345	4433345	4433416	+	2	72	TTG	TGA	0	0

mORF_+_4433367	4433367	4433534	+	3	168	GTG	TGA	0	0	
mORF_+_4433417	4433417	4433422	+	2	6	ATG	TAA	0	0	
mORF_+_4433422	4433422	4433691	+	1	270	ATG	TAA	0	0	
mORF_+_4433447	4433447	4433494	+	2	48	TTG	TAG	0	0	
mORF_+_4433504	4433504	4433557	+	2	54	TTG	TGA	0	0	
mORF_+_4433544	4433544	4433567	+	3	24	GTG	TGA	0	0	
mORF_+_4433564	4433564	4433626	+	2	63	TTG	TAA	0	0	
mORF_+_4433568	4433568	4433615	+	3	48	GTG	TAG	0	0	
mORF_+_4433634	4433634	4433684	+	3	51	GTG	TGA	0	0	
mORF_+_4433707	4433707	4433871	+	1	165	ATG	TGA	0	0	
mORF_+_4433720	4433720	4433815	+	2	96	ATG	TGA	0	0	
mORF_+_4433831	4433831	4433863	+	2	33	ATG	TAA	0	0	
mORF_+_4433914	4433914	4434015	+	1	102	ATG	TAA	0	0	
mORF_+_4433916	4433916	4433987	+	3	72	GTG	TAA	0	0	
mORF_+_4433969	4433969	4434064	+	2	96	TTG	TAG	0	0	
mORF_+_4434040	4434040	4434123	+	1	84	TTG	TAA	0	0	
mORF_+_4434042	4434042	4434119	+	3	78	GTG	TAA	0	0	
mORF_+_4434110	4434110	4434181	+	2	72	GTG	TAA	0	0	
mORF_+_4434129	4434129	4434134	+	3	6	GTG	TAA	0	0	
mORF_+_4434138	4434138	4434164	+	3	27	TTG	TGA	0	0	
mORF_+_4434238	4434238	4434279	+	1	42	GTG	TAA	0	0	
mORF_+_4434242	4434242	4434265	+	2	24	TTG	TAG	0	0	
mORF_+_4434279	4434279	4434413	+	3	135	ATG	TAA	0	0	
mORF_+_4434295	4434295	4434315	+	1	21	GTG	TAA	0	0	
mORF_+_4434329	4434329	4434334	+	2	6	ATG	TAA	0	0	
mORF_+_4434398	4434398	4434466	+	2	69	TTG	TAA	0	0	
mORF_+_4434420	4434420	4434512	+	3	93	TTG	TGA	0	0	
mORF_+_4434482	4434482	4434733	+	2	252	ATG	TAA	0	0	
mORF_+_4434490	4434490	4434636	+	1	147	ATG	TAA	0	0	
mORF_+_4434570	4434570	4434578	+	3	9	TTG	TAA	0	0	
mORF_+_4434663	4434663	4434737	+	3	75	ATG	TAA	0	0	
mORF_+_4434770	4434770	4434784	+	2	15	GTG	TAG	0	0	
mORF_+_4434778	4434778	4435518	+	1	741	ATG	TAA	18	54	pORF_+_4434778
mORF_+_4434792	4434792	4434968	+	3	177	ATG	TGA	0	0	
mORF_+_4434800	4434800	4434889	+	2	90	TTG	TAA	0	0	
mORF_+_4434902	4434902	4434943	+	2	42	TTG	TGA	0	0	
mORF_+_4434950	4434950	4435024	+	2	75	ATG	TAG	0	0	
mORF_+_4434984	4434984	4435043	+	3	60	TTG	TAA	0	0	
mORF_+_4435034	4435034	4435114	+	2	81	ATG	TAG	0	0	
mORF_+_4435124	4435124	4435135	+	2	12	ATG	TAA	0	0	
mORF_+_4435170	4435170	4435454	+	3	285	GTG	TAA	0	0	
mORF_+_4435187	4435187	4435237	+	2	51	GTG	TGA	0	0	
mORF_+_4435250	4435250	4435267	+	2	18	ATG	TGA	0	0	
mORF_+_4435286	4435286	4435324	+	2	39	TTG	TGA	0	0	
mORF_+_4435406	4435406	4435414	+	2	9	ATG	TAG	0	0	
mORF_+_4435475	4435475	4435489	+	2	15	GTG	TGA	0	0	
mORF_+_4435525	4435525	4435563	+	1	39	ATG	TGA	0	0	
mORF_+_4435600	4435600	4435707	+	1	108	TTG	TAA	0	0	
mORF_+_4435611	4435611	4435631	+	3	21	GTG	TAA	0	0	
mORF_+_4435625	4435625	4435663	+	2	39	TTG	TGA	0	0	
mORF_+_4435679	4435679	4435702	+	2	24	GTG	TAA	0	0	
mORF_+_4435723	4435723	4435755	+	1	33	TTG	TAA	0	0	
mORF_+_4435730	4435730	4436668	+	2	939	ATG	TAA	0	0	
mORF_+_4435761	4435761	4435784	+	3	24	TTG	TAA	0	0	
mORF_+_4435836	4435836	4435883	+	3	48	ATG	TAA	0	0	
mORF_+_4435855	4435855	4435872	+	1	18	TTG	TGA	0	0	
mORF_+_4435903	4435903	4435920	+	1	18	TTG	TGA	0	0	
mORF_+_4435917	4435917	4436027	+	3	111	TTG	TGA	0	0	
mORF_+_4436040	4436040	4436069	+	3	30	GTG	TAA	0	0	
mORF_+_4436076	4436076	4436123	+	3	48	ATG	TAG	0	0	
mORF_+_4436142	4436142	4436231	+	3	90	ATG	TAG	0	0	
mORF_+_4436235	4436235	4436255	+	3	21	ATG	TAG	0	0	
mORF_+_4436280	4436280	4436345	+	3	66	TTG	TAA	0	0	

mORF_+_4436314	4436314	4436349	+	1	36	ATG	TGA	0	0
mORF_+_4436346	4436346	4436366	+	3	21	TTG	TAG	0	0
mORF_+_4436385	4436385	4436510	+	3	126	TTG	TAG	0	0
mORF_+_4436491	4436491	4436556	+	1	66	TTG	TAG	0	0
mORF_+_4436523	4436523	4436531	+	3	9	ATG	TAG	0	0
mORF_+_4436535	4436535	4436627	+	3	93	GTG	TAG	0	0
mORF_+_4436578	4436578	4436592	+	1	15	TTG	TAA	0	0
mORF_+_4436708	4436708	4436917	+	2	210	TTG	TAA	0	0
mORF_+_4436719	4436719	4436961	+	1	243	ATG	TGA	0	0
mORF_+_4436781	4436781	4436786	+	3	6	GTG	TGA	0	0
mORF_+_4436981	4436981	4437007	+	2	27	GTG	TAA	0	0
mORF_+_4437013	4437013	4437021	+	1	9	GTG	TAA	0	0
mORF_+_4437066	4437066	4437146	+	3	81	TTG	TAA	0	0
mORF_+_4437074	4437074	4437142	+	2	69	GTG	TAG	0	0
mORF_+_4437088	4437088	4437117	+	1	30	ATG	TAA	0	0
mORF_+_4437185	4437185	4437208	+	2	24	ATG	TGA	0	0
mORF_+_4437223	4437223	4437279	+	1	57	ATG	TAG	0	0
mORF_+_4437225	4437225	4437260	+	3	36	GTG	TGA	0	0
mORF_+_4437257	4437257	4437340	+	2	84	GTG	TAA	0	0
mORF_+_4437261	4437261	4437314	+	3	54	GTG	TGA	0	0
mORF_+_4437324	4437324	4437377	+	3	54	TTG	TGA	0	0
mORF_+_4437347	4437347	4437418	+	2	72	GTG	TGA	0	0
mORF_+_4437385	4437385	4437411	+	1	27	TTG	TGA	0	0
mORF_+_4437408	4437408	4437431	+	3	24	ATG	TGA	0	0
mORF_+_4437415	4437415	4437456	+	1	42	ATG	TAA	0	0
mORF_+_4437419	4437419	4437448	+	2	30	ATG	TAA	0	0
mORF_+_4437467	4437467	4437472	+	2	6	TTG	TAA	0	0
mORF_+_4437499	4437499	4437519	+	1	21	GTG	TAG	0	0
mORF_+_4437544	4437544	4437816	+	1	273	TTG	TAA	0	0
mORF_+_4437560	4437560	4437607	+	2	48	TTG	TAA	0	0
mORF_+_4437671	4437671	4437742	+	2	72	GTG	TGA	0	0
mORF_+_4437822	4437822	4437923	+	3	102	GTG	TAG	0	0
mORF_+_4437827	4437827	4437835	+	2	9	ATG	TAA	0	0
mORF_+_4437839	4437839	4437997	+	2	159	GTG	TAG	0	0
mORF_+_4437844	4437844	4437852	+	1	9	ATG	TAA	0	0
mORF_+_4437936	4437936	4438076	+	3	141	TTG	TAA	0	0
mORF_+_4438022	4438022	4438027	+	2	6	TTG	TAG	0	0
mORF_+_4438049	4438049	4438105	+	2	57	GTG	TAG	0	0
mORF_+_4438106	4438106	4438225	+	2	120	TTG	TGA	0	0
mORF_+_4438158	4438158	4438265	+	3	108	TTG	TGA	0	0
mORF_+_4438247	4438247	4438465	+	2	219	GTG	TAA	0	0
mORF_+_4438393	4438393	4438596	+	1	204	TTG	TGA	0	0
mORF_+_4438410	4438410	4438427	+	3	18	GTG	TAG	0	0
mORF_+_4438469	4438469	4438699	+	2	231	ATG	TAG	0	0
mORF_+_4438587	4438587	4438715	+	3	129	GTG	TGA	0	0
mORF_+_4438645	4438645	4438662	+	1	18	GTG	TAA	0	0
mORF_+_4438700	4438700	4438969	+	2	270	ATG	TAG	0	0
mORF_+_4438734	4438734	4438745	+	3	12	TTG	TGA	0	0
mORF_+_4438942	4438942	4439157	+	1	216	TTG	TGA	0	0
mORF_+_4439001	4439001	4439066	+	3	66	ATG	TAA	0	0
mORF_+_4439072	4439072	4439287	+	2	216	ATG	TAA	0	0
mORF_+_4439154	4439154	4439219	+	3	66	GTG	TGA	0	0
mORF_+_4439280	4439280	4439360	+	3	81	TTG	TAA	0	0
mORF_+_4439291	4439291	4439296	+	2	6	GTG	TGA	0	0
mORF_+_4439293	4439293	4439355	+	1	63	GTG	TAG	0	0
mORF_+_4439406	4439406	4439465	+	3	60	ATG	TGA	0	0
mORF_+_4439428	4439428	4439517	+	1	90	ATG	TAG	0	0
mORF_+_4439462	4439462	4439791	+	2	330	TTG	TGA	0	0
mORF_+_4439478	4439478	4439483	+	3	6	TTG	TAG	0	0
mORF_+_4439547	4439547	4439558	+	3	12	TTG	TAA	0	0
mORF_+_4439563	4439563	4439676	+	1	114	ATG	TAG	0	0
mORF_+_4439667	4439667	4439696	+	3	30	GTG	TGA	0	0
mORF_+_4439802	4439802	4439822	+	3	21	GTG	TGA	0	0

mORF_+_4439807	4439807	4439866	+	2	60	GTG	TAG	0	0	
mORF_+_4439883	4439883	4439900	+	3	18	ATG	TAA	0	0	
mORF_+_4439904	4439904	4439924	+	3	21	ATG	TGA	0	0	
mORF_+_4439921	4439921	4440013	+	2	93	ATG	TAA	0	0	
mORF_+_4439962	4439962	4440108	+	1	147	TTG	TGA	0	0	
mORF_+_4439994	4439994	4440002	+	3	9	GTG	TAA	0	0	
mORF_+_4440060	4440060	4440101	+	3	42	ATG	TGA	0	0	
mORF_+_4440098	4440098	4440193	+	2	96	GTG	TAA	0	0	
mORF_+_4440105	4440105	4440281	+	3	177	TTG	TAG	0	0	
mORF_+_4440226	4440226	4440243	+	1	18	TTG	TAA	0	0	
mORF_+_4440256	4440256	4440435	+	1	180	TTG	TAA	0	0	
mORF_+_4440347	4440347	4440544	+	2	198	TTG	TGA	0	0	
mORF_+_4440405	4440405	4442138	+	3	1734	GTG	TGA	9	23	pORF_+_4440405
mORF_+_4440523	4440523	4440558	+	1	36	GTG	TGA	0	0	
mORF_+_4440589	4440589	4440612	+	1	24	ATG	TGA	0	0	
mORF_+_4440640	4440640	4440687	+	1	48	TTG	TGA	0	0	
mORF_+_4440721	4440721	4440777	+	1	57	TTG	TGA	0	0	
mORF_+_4440802	4440802	4440816	+	1	15	TTG	TGA	0	0	
mORF_+_4440829	4440829	4440852	+	1	24	ATG	TAA	0	0	
mORF_+_4440859	4440859	4440987	+	1	129	TTG	TGA	0	0	
mORF_+_4440991	4440991	4441083	+	1	93	TTG	TGA	0	0	
mORF_+_4441138	4441138	4441173	+	1	36	TTG	TGA	0	0	
mORF_+_4441259	4441259	4441312	+	2	54	GTG	TAG	0	0	
mORF_+_4441285	4441285	4441299	+	1	15	ATG	TGA	0	0	
mORF_+_4441492	4441492	4441575	+	1	84	GTG	TGA	0	0	
mORF_+_4441597	4441597	4441608	+	1	12	GTG	TGA	0	0	
mORF_+_4441672	4441672	4441884	+	1	213	ATG	TGA	0	0	
mORF_+_4441943	4441943	4441969	+	2	27	ATG	TAG	0	0	
mORF_+_4441960	4441960	4441983	+	1	24	TTG	TAA	0	0	
mORF_+_4442068	4442068	4442244	+	1	177	TTG	TAA	0	0	
mORF_+_4442135	4442135	4445914	+	2	3780	ATG	TAG	11	22	pORF_+_4442135
mORF_+_4442277	4442277	4442351	+	2	75	TTG	TAA	0	0	
mORF_+_4442382	4442382	4442429	+	3	48	TTG	TGA	0	0	
mORF_+_4442386	4442386	4442415	+	1	30	GTG	TAA	0	0	
mORF_+_4442481	4442481	4442540	+	3	60	TTG	TGA	0	0	
mORF_+_4442574	4442574	4442597	+	3	24	TTG	TGA	0	0	
mORF_+_4442673	4442673	4442771	+	3	99	TTG	TGA	0	0	
mORF_+_4442838	4442838	4442870	+	3	33	TTG	TGA	0	0	
mORF_+_4442922	4442922	4443044	+	3	123	TTG	TGA	0	0	
mORF_+_4443063	4443063	4443074	+	3	12	GTG	TGA	0	0	
mORF_+_4443114	4443114	4443203	+	3	90	TTG	TGA	0	0	
mORF_+_4443234	4443234	4443263	+	3	30	GTG	TGA	0	0	
mORF_+_4443369	4443369	4443479	+	3	111	ATG	TAA	0	0	
mORF_+_4443463	4443463	4443474	+	1	12	TTG	TGA	0	0	
mORF_+_4443534	4443534	4443542	+	3	9	ATG	TGA	0	0	
mORF_+_4443636	4443636	4443650	+	3	15	TTG	TGA	0	0	
mORF_+_4443670	4443670	4443756	+	1	87	GTG	TGA	0	0	
mORF_+_4443711	4443711	4443722	+	3	12	GTG	TGA	0	0	
mORF_+_4443753	4443753	4443827	+	3	75	TTG	TGA	0	0	
mORF_+_4443975	4443975	4444001	+	3	27	TTG	TAA	0	0	
mORF_+_4444023	4444023	4444187	+	3	165	ATG	TGA	0	0	
mORF_+_4444177	4444177	4444218	+	1	42	GTG	TAA	0	0	
mORF_+_4444197	4444197	4444322	+	3	126	TTG	TGA	0	0	
mORF_+_4444273	4444273	4444401	+	1	129	GTG	TAA	0	0	
mORF_+_4444410	4444410	4444481	+	3	72	TTG	TAA	0	0	
mORF_+_4444497	4444497	4444529	+	3	33	ATG	TGA	0	0	
mORF_+_4444557	4444557	4444586	+	3	30	GTG	TGA	0	0	
mORF_+_4444602	4444602	4444622	+	3	21	TTG	TGA	0	0	
mORF_+_4444647	4444647	4444688	+	3	42	TTG	TGA	0	0	
mORF_+_4444707	4444707	4444733	+	3	27	GTG	TGA	0	0	
mORF_+_4444734	4444734	4444925	+	3	192	GTG	TGA	0	0	
mORF_+_4444929	4444929	4444973	+	3	45	GTG	TAA	0	0	
mORF_+_4445025	4445025	4445138	+	3	114	ATG	TAG	0	0	

mORF_+_4445095	4445095	4445166	+	1	72	TTG	TAA	0	0	
mORF_+_4445151	4445151	4445159	+	3	9	ATG	TGA	0	0	
mORF_+_4445226	4445226	4445270	+	3	45	TTG	TGA	0	0	
mORF_+_4445295	4445295	4445327	+	3	33	ATG	TGA	0	0	
mORF_+_4445361	4445361	4445381	+	3	21	ATG	TGA	0	0	
mORF_+_4445382	4445382	4445480	+	3	99	TTG	TAA	0	0	
mORF_+_4445580	4445580	4445624	+	3	45	GTG	TGA	0	0	
mORF_+_4445637	4445637	4445699	+	3	63	TTG	TAA	0	0	
mORF_+_4445760	4445760	4445783	+	3	24	ATG	TGA	0	0	
mORF_+_4445802	4445802	4445813	+	3	12	TTG	TAG	0	0	
mORF_+_4445871	4445871	4445876	+	3	6	GTG	TAG	0	0	
mORF_+_4445917	4445917	4446258	+	1	342	ATG	TAA	3	5	pORF_+_4445917
mORF_+_4445927	4445927	4445974	+	2	48	TTG	TGA	0	0	
mORF_+_4445978	4445978	4446157	+	2	180	ATG	TGA	0	0	
mORF_+_4446176	4446176	4446217	+	2	42	GTG	TAA	0	0	
mORF_+_4446180	4446180	4446227	+	3	48	ATG	TGA	0	0	
mORF_+_4446224	4446224	4446244	+	2	21	TTG	TAG	0	0	
mORF_+_4446263	4446263	4446373	+	2	111	ATG	TAA	0	0	
mORF_+_4446282	4446282	4446380	+	3	99	GTG	TAA	0	0	
mORF_+_4446295	4446295	4446324	+	1	30	TTG	TAA	0	0	
mORF_+_4446337	4446337	4446438	+	1	102	TTG	TGA	0	0	
mORF_+_4446435	4446435	4446485	+	3	51	GTG	TAA	0	0	
mORF_+_4446464	4446464	4446721	+	2	258	GTG	TAA	0	0	
mORF_+_4446490	4446490	4446543	+	1	54	ATG	TAA	0	0	
mORF_+_4446501	4446501	4446530	+	3	30	GTG	TAA	0	0	
mORF_+_4446624	4446624	4446653	+	3	30	TTG	TGA	0	0	
mORF_+_4446643	4446643	4446648	+	1	6	GTG	TGA	0	0	
mORF_+_4446678	4446678	4446731	+	3	54	ATG	TGA	0	0	
mORF_+_4446715	4446715	4447065	+	1	351	ATG	TAA	0	0	
mORF_+_4446728	4446728	4446850	+	2	123	GTG	TGA	0	0	
mORF_+_4446884	4446884	4446955	+	2	72	TTG	TGA	0	0	
mORF_+_4446918	4446918	4447019	+	3	102	TTG	TGA	0	0	
mORF_+_4447001	4447001	4447669	+	2	669	TTG	TAA	0	0	
mORF_+_4447069	4447069	4447191	+	1	123	GTG	TAG	0	0	
mORF_+_4447230	4447230	4447253	+	3	24	TTG	TAG	0	0	
mORF_+_4447314	4447314	4447319	+	3	6	ATG	TGA	0	0	
mORF_+_4447329	4447329	4447505	+	3	177	TTG	TAA	0	0	
mORF_+_4447450	4447450	4447500	+	1	51	TTG	TGA	0	0	
mORF_+_4447512	4447512	4447523	+	3	12	TTG	TAG	0	0	
mORF_+_4447516	4447516	4447542	+	1	27	ATG	TGA	0	0	
mORF_+_4447533	4447533	4447628	+	3	96	GTG	TAG	0	0	
mORF_+_4447558	4447558	4447590	+	1	33	GTG	TGA	0	0	
mORF_+_4447629	4447629	4447814	+	3	186	ATG	TAA	0	0	
mORF_+_4447697	4447697	4447723	+	2	27	GTG	TAG	0	0	
mORF_+_4447708	4447708	4447785	+	1	78	GTG	TAA	0	0	
mORF_+_4447748	4447748	4447843	+	2	96	TTG	TGA	0	0	
mORF_+_4447840	4447840	4447863	+	1	24	ATG	TGA	0	0	
mORF_+_4447860	4447860	4447916	+	3	57	GTG	TAA	0	0	
mORF_+_4447889	4447889	4447894	+	2	6	GTG	TGA	0	0	
mORF_+_4447891	4447891	4447899	+	1	9	GTG	TAA	0	0	
mORF_+_4447921	4447921	4447959	+	1	39	TTG	TAA	0	0	
mORF_+_4447985	4447985	4448941	+	2	957	ATG	TGA	23	218	pORF_+_4447985
mORF_+_4447987	4447987	4448127	+	1	141	GTG	TGA	0	0	
mORF_+_4448061	4448061	4448153	+	3	93	TTG	TGA	0	0	
mORF_+_4448157	4448157	4448276	+	3	120	TTG	TAA	0	0	
mORF_+_4448260	4448260	4448328	+	1	69	TTG	TGA	0	0	
mORF_+_4448289	4448289	4448333	+	3	45	ATG	TGA	0	0	
mORF_+_4448394	4448394	4448411	+	3	18	TTG	TAA	0	0	
mORF_+_4448421	4448421	4448657	+	3	237	ATG	TGA	0	0	
mORF_+_4448431	4448431	4448481	+	1	51	ATG	TGA	0	0	
mORF_+_4448658	4448658	4448693	+	3	36	TTG	TGA	0	0	
mORF_+_4448724	4448724	4448756	+	3	33	TTG	TGA	0	0	
mORF_+_4448760	4448760	4448789	+	3	30	ATG	TGA	0	0	

mORF_+_4448938	4448938	4448970	+	1	33	TTG	TAG	0	0	
mORF_+_4448945	4448945	4449013	+	2	69	TTG	TGA	0	0	
mORF_+_4449020	4449020	4449130	+	2	111	ATG	TAA	0	0	
mORF_+_4449081	4449081	4450583	+	3	1503	ATG	TAA	4	12	pORF_+_4449081
mORF_+_4449163	4449163	4449234	+	1	72	TTG	TAA	0	0	
mORF_+_4449250	4449250	4449402	+	1	153	GTG	TAG	0	0	
mORF_+_4449548	4449548	4449592	+	2	45	TTG	TGA	0	0	
mORF_+_4449589	4449589	4449642	+	1	54	ATG	TGA	0	0	
mORF_+_4449679	4449679	4449753	+	1	75	TTG	TAG	0	0	
mORF_+_4449767	4449767	4449919	+	2	153	GTG	TGA	0	0	
mORF_+_4449838	4449838	4449858	+	1	21	GTG	TGA	0	0	
mORF_+_4449871	4449871	4449996	+	1	126	TTG	TGA	0	0	
mORF_+_4450090	4450090	4450335	+	1	246	TTG	TGA	0	0	
mORF_+_4450325	4450325	4450363	+	2	39	TTG	TGA	0	0	
mORF_+_4450360	4450360	4450413	+	1	54	ATG	TGA	0	0	
mORF_+_4450414	4450414	4450452	+	1	39	TTG	TGA	0	0	
mORF_+_4450424	4450424	4450597	+	2	174	ATG	TGA	0	0	
mORF_+_4450483	4450483	4450497	+	1	15	ATG	TGA	0	0	
mORF_+_4450573	4450573	4451619	+	1	1047	TTG	TAA	0	0	
mORF_+_4450739	4450739	4450765	+	2	27	ATG	TAG	0	0	
mORF_+_4450778	4450778	4450813	+	2	36	GTG	TGA	0	0	
mORF_+_4450832	4450832	4450852	+	2	21	GTG	TAG	0	0	
mORF_+_4450919	4450919	4450930	+	2	12	TTG	TAA	0	0	
mORF_+_4450962	4450962	4451081	+	3	120	GTG	TAA	0	0	
mORF_+_4451003	4451003	4451017	+	2	15	TTG	TGA	0	0	
mORF_+_4451097	4451097	4451435	+	3	339	ATG	TAA	0	0	
mORF_+_4451108	4451108	4451155	+	2	48	GTG	TGA	0	0	
mORF_+_4451216	4451216	4451254	+	2	39	TTG	TAA	0	0	
mORF_+_4451282	4451282	4451290	+	2	9	ATG	TGA	0	0	
mORF_+_4451300	4451300	4451401	+	2	102	GTG	TGA	0	0	
mORF_+_4451402	4451402	4451419	+	2	18	TTG	TGA	0	0	
mORF_+_4451547	4451547	4451591	+	3	45	TTG	TAA	0	0	
mORF_+_4451558	4451558	4451587	+	2	30	TTG	TGA	0	0	
mORF_+_4451606	4451606	4452601	+	2	996	GTG	TAA	0	0	
mORF_+_4451649	4451649	4451675	+	3	27	TTG	TGA	0	0	
mORF_+_4451691	4451691	4451708	+	3	18	TTG	TGA	0	0	
mORF_+_4451730	4451730	4451762	+	3	33	ATG	TGA	0	0	
mORF_+_4451766	4451766	4451771	+	3	6	TTG	TGA	0	0	
mORF_+_4451781	4451781	4451810	+	3	30	GTG	TGA	0	0	
mORF_+_4451844	4451844	4451885	+	3	42	TTG	TAG	0	0	
mORF_+_4451901	4451901	4451930	+	3	30	GTG	TGA	0	0	
mORF_+_4451967	4451967	4452029	+	3	63	TTG	TAA	0	0	
mORF_+_4452042	4452042	4452092	+	3	51	ATG	TAA	0	0	
mORF_+_4452064	4452064	4452165	+	1	102	GTG	TAA	0	0	
mORF_+_4452093	4452093	4452110	+	3	18	GTG	TGA	0	0	
mORF_+_4452159	4452159	4452209	+	3	51	TTG	TGA	0	0	
mORF_+_4452282	4452282	4452329	+	3	48	TTG	TAG	0	0	
mORF_+_4452330	4452330	4452362	+	3	33	GTG	TAA	0	0	
mORF_+_4452363	4452363	4452380	+	3	18	TTG	TGA	0	0	
mORF_+_4452384	4452384	4452404	+	3	21	GTG	TAG	0	0	
mORF_+_4452414	4452414	4452437	+	3	24	TTG	TGA	0	0	
mORF_+_4452456	4452456	4452470	+	3	15	TTG	TGA	0	0	
mORF_+_4452478	4452478	4452705	+	1	228	GTG	TGA	0	0	
mORF_+_4452531	4452531	4452539	+	3	9	GTG	TAA	0	0	
mORF_+_4452588	4452588	4452659	+	3	72	TTG	TAA	0	0	
mORF_+_4452614	4452614	4452859	+	2	246	GTG	TAG	0	0	
mORF_+_4452702	4452702	4452734	+	3	33	ATG	TGA	0	0	
mORF_+_4452715	4452715	4452909	+	1	195	GTG	TGA	0	0	
mORF_+_4452792	4452792	4452971	+	3	180	ATG	TAA	0	0	
mORF_+_4452938	4452938	4453006	+	2	69	TTG	TAG	0	0	
mORF_+_4453016	4453016	4453027	+	2	12	TTG	TAG	0	0	
mORF_+_4453031	4453031	4453096	+	2	66	TTG	TAA	0	0	
mORF_+_4453105	4453105	4453623	+	1	519	GTG	TAA	0	0	

mORF_+_4453121	4453121	4453129	+	2	9	GTG	TAA	0	0	
mORF_+_4453136	4453136	4453162	+	2	27	ATG	TAA	0	0	
mORF_+_4453178	4453178	4453243	+	2	66	TTG	TAG	0	0	
mORF_+_4453244	4453244	4453450	+	2	207	ATG	TGA	0	0	
mORF_+_4453323	4453323	4453427	+	3	105	TTG	TAG	0	0	
mORF_+_4453508	4453508	4453585	+	2	78	TTG	TGA	0	0	
mORF_+_4453548	4453548	4453568	+	3	21	TTG	TGA	0	0	
mORF_+_4453648	4453648	4453662	+	1	15	ATG	TAA	0	0	
mORF_+_4453695	4453695	4453826	+	3	132	ATG	TAG	0	0	
mORF_+_4453708	4453708	4453779	+	1	72	GTG	TGA	0	0	
mORF_+_4453801	4453801	4453884	+	1	84	GTG	TGA	0	0	
mORF_+_4453808	4453808	4455181	+	2	1374	ATG	TAA	25	177	pORF_+_4453808
mORF_+_4453833	4453833	4453877	+	3	45	GTG	TAG	0	0	
mORF_+_4453881	4453881	4453889	+	3	9	ATG	TAA	0	0	
mORF_+_4453905	4453905	4453922	+	3	18	ATG	TGA	0	0	
mORF_+_4453932	4453932	4453955	+	3	24	TTG	TGA	0	0	
mORF_+_4453968	4453968	4454003	+	3	36	ATG	TGA	0	0	
mORF_+_4454007	4454007	4454021	+	3	15	TTG	TGA	0	0	
mORF_+_4454025	4454025	4454213	+	3	189	GTG	TAA	0	0	
mORF_+_4454035	4454035	4454238	+	1	204	GTG	TGA	0	0	
mORF_+_4454220	4454220	4454351	+	3	132	GTG	TGA	0	0	
mORF_+_4454364	4454364	4454399	+	3	36	TTG	TGA	0	0	
mORF_+_4454472	4454472	4454486	+	3	15	ATG	TGA	0	0	
mORF_+_4454532	4454532	4454564	+	3	33	GTG	TGA	0	0	
mORF_+_4454571	4454571	4454621	+	3	51	ATG	TGA	0	0	
mORF_+_4454581	4454581	4454646	+	1	66	ATG	TAA	0	0	
mORF_+_4454655	4454655	4454663	+	3	9	ATG	TGA	0	0	
mORF_+_4454670	4454670	4454696	+	3	27	TTG	TAG	0	0	
mORF_+_4454706	4454706	4454903	+	3	198	ATG	TGA	0	0	
mORF_+_4454946	4454946	4455071	+	3	126	GTG	TGA	0	0	
mORF_+_4454986	4454986	4455192	+	1	207	GTG	TAG	0	0	
mORF_+_4455120	4455120	4455260	+	3	141	TTG	TGA	0	0	
mORF_+_4455244	4455244	4455357	+	1	114	TTG	TAA	0	0	
mORF_+_4455260	4455260	4455454	+	2	195	ATG	TGA	0	0	
mORF_+_4455294	4455294	4455602	+	3	309	GTG	TAG	0	0	
mORF_+_4455448	4455448	4455480	+	1	33	TTG	TAA	0	0	
mORF_+_4455491	4455491	4455508	+	2	18	ATG	TGA	0	0	
mORF_+_4455505	4455505	4455714	+	1	210	TTG	TAA	0	0	
mORF_+_4455563	4455563	4455568	+	2	6	TTG	TGA	0	0	
mORF_+_4455635	4455635	4455928	+	2	294	ATG	TAA	0	0	
mORF_+_4455915	4455915	4456016	+	3	102	ATG	TGA	0	0	
mORF_+_4455982	4455982	4457334	+	1	1353	ATG	TAA	75	613	pORF_+_4455982
mORF_+_4455989	4455989	4455997	+	2	9	TTG	TGA	0	0	
mORF_+_4456013	4456013	4456126	+	2	114	TTG	TAA	0	0	
mORF_+_4456136	4456136	4456234	+	2	99	ATG	TAA	0	0	
mORF_+_4456247	4456247	4456561	+	2	315	TTG	TAA	0	0	
mORF_+_4456562	4456562	4456621	+	2	60	TTG	TGA	0	0	
mORF_+_4456641	4456641	4456694	+	3	54	GTG	TAA	0	0	
mORF_+_4456646	4456646	4456708	+	2	63	TTG	TGA	0	0	
mORF_+_4456724	4456724	4456774	+	2	51	TTG	TAG	0	0	
mORF_+_4456778	4456778	4456849	+	2	72	GTG	TGA	0	0	
mORF_+_4456853	4456853	4456876	+	2	24	TTG	TGA	0	0	
mORF_+_4456910	4456910	4456954	+	2	45	GTG	TGA	0	0	
mORF_+_4456959	4456959	4457141	+	3	183	GTG	TGA	0	0	
mORF_+_4457012	4457012	4457056	+	2	45	ATG	TAA	0	0	
mORF_+_4457126	4457126	4457173	+	2	48	GTG	TAG	0	0	
mORF_+_4457177	4457177	4457200	+	2	24	ATG	TGA	0	0	
mORF_+_4457235	4457235	4457261	+	3	27	GTG	TAA	0	0	
mORF_+_4457246	4457246	4457317	+	2	72	TTG	TGA	0	0	
mORF_+_4457289	4457289	4457363	+	3	75	GTG	TAA	0	0	
mORF_+_4457409	4457409	4457474	+	3	66	GTG	TGA	0	0	
mORF_+_4457413	4457413	4457445	+	1	33	ATG	TGA	0	0	
mORF_+_4457455	4457455	4457484	+	1	30	ATG	TGA	0	0	

mORF_+_4457471	4457471	4457491	+	2	21	ATG	TGA	0	0
mORF_+_4457481	4457481	4457498	+	3	18	GTG	TAA	0	0
mORF_+_4457488	4457488	4457502	+	1	15	ATG	TAA	0	0
mORF_+_4457517	4457517	4457600	+	3	84	TTG	TAA	0	0
mORF_+_4457531	4457531	4457878	+	2	348	TTG	TAA	0	0
mORF_+_4457673	4457673	4457732	+	3	60	ATG	TGA	0	0
mORF_+_4457772	4457772	4457786	+	3	15	TTG	TGA	0	0
mORF_+_4457796	4457796	4457810	+	3	15	ATG	TAA	0	0
mORF_+_4457894	4457894	4457911	+	2	18	TTG	TAA	0	0
mORF_+_4457932	4457932	4457985	+	1	54	ATG	TAA	0	0
mORF_+_4457948	4457948	4458070	+	2	123	TTG	TAG	0	0
mORF_+_4458040	4458040	4458432	+	1	393	TTG	TAA	0	0
mORF_+_4458086	4458086	4458256	+	2	171	ATG	TGA	0	0
mORF_+_4458237	4458237	4458248	+	3	12	TTG	TAA	0	0
mORF_+_4458249	4458249	4458353	+	3	105	ATG	TGA	0	0
mORF_+_4458275	4458275	4458289	+	2	15	GTG	TAG	0	0
mORF_+_4458329	4458329	4458370	+	2	42	GTG	TAG	0	0
mORF_+_4458413	4458413	4458418	+	2	6	GTG	TAG	0	0
mORF_+_4458436	4458436	4458531	+	1	96	ATG	TAG	0	0
mORF_+_4458443	4458443	4458541	+	2	99	ATG	TGA	0	0
mORF_+_4458486	4458486	4458491	+	3	6	ATG	TAG	0	0
mORF_+_4458538	4458538	4458576	+	1	39	GTG	TAA	0	0
mORF_+_4458569	4458569	4458637	+	2	69	ATG	TAA	0	0
mORF_+_4458619	4458619	4458705	+	1	87	GTG	TGA	0	0
mORF_+_4458680	4458680	4459867	+	2	1188	ATG	TGA	0	0
mORF_+_4458702	4458702	4458752	+	3	51	GTG	TAG	0	0
mORF_+_4458766	4458766	4458870	+	1	105	GTG	TGA	0	0
mORF_+_4458771	4458771	4458782	+	3	12	TTG	TAA	0	0
mORF_+_4458834	4458834	4458842	+	3	9	TTG	TGA	0	0
mORF_+_4458843	4458843	4458863	+	3	21	ATG	TAG	0	0
mORF_+_4458867	4458867	4458896	+	3	30	ATG	TAA	0	0
mORF_+_4458915	4458915	4458968	+	3	54	TTG	TAG	0	0
mORF_+_4459053	4459053	4459061	+	3	9	GTG	TAG	0	0
mORF_+_4459125	4459125	4459163	+	3	39	ATG	TAA	0	0
mORF_+_4459191	4459191	4459214	+	3	24	ATG	TAA	0	0
mORF_+_4459242	4459242	4459304	+	3	63	TTG	TAG	0	0
mORF_+_4459369	4459369	4459458	+	1	90	GTG	TGA	0	0
mORF_+_4459407	4459407	4459577	+	3	171	GTG	TGA	0	0
mORF_+_4459602	4459602	4459646	+	3	45	ATG	TAG	0	0
mORF_+_4459612	4459612	4459638	+	1	27	TTG	TGA	0	0
mORF_+_4459788	4459788	4459826	+	3	39	GTG	TGA	0	0
mORF_+_4459830	4459830	4459883	+	3	54	TTG	TAG	0	0
mORF_+_4459864	4459864	4459893	+	1	30	GTG	TGA	0	0
mORF_+_4459890	4459890	4459913	+	3	24	TTG	TAG	0	0
mORF_+_4459929	4459929	4459967	+	3	39	ATG	TAG	0	0
mORF_+_4459955	4459955	4460185	+	2	231	ATG	TGA	0	0
mORF_+_4459974	4459974	4460027	+	3	54	GTG	TAA	0	0
mORF_+_4459984	4459984	4460010	+	1	27	GTG	TAA	0	0
mORF_+_4460071	4460071	4460079	+	1	9	TTG	TAG	0	0
mORF_+_4460136	4460136	4460189	+	3	54	ATG	TAA	0	0
mORF_+_4460182	4460182	4460274	+	1	93	GTG	TAG	0	0
mORF_+_4460198	4460198	4460347	+	2	150	GTG	TAA	0	0
mORF_+_4460305	4460305	4460343	+	1	39	TTG	TGA	0	0
mORF_+_4460316	4460316	4460429	+	3	114	TTG	TGA	0	0
mORF_+_4460426	4460426	4460473	+	2	48	GTG	TGA	0	0
mORF_+_4460439	4460439	4460444	+	3	6	ATG	TAA	0	0
mORF_+_4460460	4460460	4460483	+	3	24	TTG	TGA	0	0
mORF_+_4460464	4460464	4460511	+	1	48	ATG	TGA	0	0
mORF_+_4460508	4460508	4460573	+	3	66	TTG	TAA	0	0
mORF_+_4460622	4460622	4460702	+	3	81	TTG	TAA	0	0
mORF_+_4460672	4460672	4460845	+	2	174	ATG	TAA	0	0
mORF_+_4460677	4460677	4460685	+	1	9	GTG	TGA	0	0
mORF_+_4460763	4460763	4460825	+	3	63	GTG	TAG	0	0

mORF_+_4460812	4460812	4460922	+	1	111	GTG	TGA	0	0	
mORF_+_4460855	4460855	4460875	+	2	21	TTG	TAA	0	0	
mORF_+_4460888	4460888	4460911	+	2	24	GTG	TGA	0	0	
mORF_+_4460904	4460904	4460927	+	3	24	ATG	TAG	0	0	
mORF_+_4460954	4460954	4461004	+	2	51	ATG	TGA	0	0	
mORF_+_4460974	4460974	4460979	+	1	6	ATG	TAA	0	0	
mORF_+_4460988	4460988	4461029	+	3	42	ATG	TGA	0	0	
mORF_+_4461001	4461001	4461069	+	1	69	TTG	TAG	0	0	
mORF_+_4461120	4461120	4461152	+	3	33	ATG	TAG	0	0	
mORF_+_4461131	4461131	4461139	+	2	9	TTG	TGA	0	0	
mORF_+_4461133	4461133	4461219	+	1	87	GTG	TAA	0	0	
mORF_+_4461155	4461155	4461349	+	2	195	ATG	TAA	0	0	
mORF_+_4461174	4461174	4461266	+	3	93	TTG	TAG	0	0	
mORF_+_4461286	4461286	4461405	+	1	120	TTG	TGA	0	0	
mORF_+_4461306	4461306	4461359	+	3	54	TTG	TAG	0	0	
mORF_+_4461353	4461353	4461532	+	2	180	TTG	TAA	0	0	
mORF_+_4461360	4461360	4461365	+	3	6	GTG	TAA	0	0	
mORF_+_4461402	4461402	4461413	+	3	12	TTG	TGA	0	0	
mORF_+_4461471	4461471	4461599	+	3	129	TTG	TAG	0	0	
mORF_+_4461523	4461523	4461579	+	1	57	TTG	TGA	0	0	
mORF_+_4461606	4461606	4461653	+	3	48	ATG	TAG	0	0	
mORF_+_4461617	4461617	4461997	+	2	381	ATG	TAA	0	0	
mORF_+_4461672	4461672	4461758	+	3	87	ATG	TGA	0	0	
mORF_+_4461700	4461700	4461855	+	1	156	TTG	TAG	0	0	
mORF_+_4461795	4461795	4461884	+	3	90	TTG	TAA	0	0	
mORF_+_4461969	4461969	4462067	+	3	99	GTG	TAG	0	0	
mORF_+_4462003	4462003	4462011	+	1	9	GTG	TAA	0	0	
mORF_+_4462031	4462031	4462306	+	2	276	GTG	TGA	0	0	
mORF_+_4462045	4462045	4462221	+	1	177	GTG	TGA	0	0	
mORF_+_4462113	4462113	4462256	+	3	144	TTG	TAG	1	4	pORF_+_4462113
mORF_+_4462237	4462237	4462413	+	1	177	GTG	TAG	0	0	
mORF_+_4462314	4462314	4462355	+	3	42	TTG	TAA	0	0	
mORF_+_4462377	4462377	4462505	+	3	129	TTG	TAG	0	0	
mORF_+_4462403	4462403	4462579	+	2	177	ATG	TAG	0	0	
mORF_+_4462462	4462462	4462629	+	1	168	TTG	TAA	0	0	
mORF_+_4462506	4462506	4462526	+	3	21	GTG	TAG	0	0	
mORF_+_4462584	4462584	4462613	+	3	30	ATG	TAG	0	0	
mORF_+_4462604	4462604	4462639	+	2	36	ATG	TAA	0	0	
mORF_+_4462659	4462659	4462670	+	3	12	GTG	TGA	0	0	
mORF_+_4462678	4462678	4462698	+	1	21	TTG	TAA	0	0	
mORF_+_4462706	4462706	4462828	+	2	123	TTG	TAA	0	0	
mORF_+_4462749	4462749	4462970	+	3	222	ATG	TAG	0	0	
mORF_+_4462765	4462765	4462785	+	1	21	TTG	TAA	0	0	
mORF_+_4462789	4462789	4462821	+	1	33	ATG	TGA	0	0	
mORF_+_4462834	4462834	4462893	+	1	60	GTG	TAG	0	0	
mORF_+_4462868	4462868	4462951	+	2	84	TTG	TAA	0	0	
mORF_+_4462936	4462936	4463151	+	1	216	ATG	TGA	0	0	
mORF_+_4463042	4463042	4463056	+	2	15	TTG	TGA	0	0	
mORF_+_4463106	4463106	4463495	+	3	390	GTG	TAA	0	0	
mORF_+_4463197	4463197	4463205	+	1	9	ATG	TGA	0	0	
mORF_+_4463230	4463230	4463322	+	1	93	GTG	TGA	0	0	
mORF_+_4463282	4463282	4463458	+	2	177	ATG	TAA	0	0	
mORF_+_4463353	4463353	4463433	+	1	81	ATG	TAG	0	0	
mORF_+_4463449	4463449	4463520	+	1	72	ATG	TGA	0	0	
mORF_+_4463498	4463498	4463542	+	2	45	GTG	TGA	0	0	
mORF_+_4463530	4463530	4463589	+	1	60	TTG	TAA	0	0	
mORF_+_4463603	4463603	4463836	+	2	234	GTG	TAA	0	0	
mORF_+_4463647	4463647	4463697	+	1	51	GTG	TAG	0	0	
mORF_+_4463742	4463742	4463960	+	3	219	TTG	TGA	0	0	
mORF_+_4463779	4463779	4463877	+	1	99	TTG	TGA	0	0	
mORF_+_4463957	4463957	4464031	+	2	75	TTG	TGA	0	0	
mORF_+_4463973	4463973	4464107	+	3	135	TTG	TAG	0	0	
mORF_+_4463992	4463992	4464012	+	1	21	TTG	TGA	0	0	

mORF_+_4464025	4464025	4464222	+	1	198	TTG	TGA	0	0	
mORF_+_4464120	4464120	4464344	+	3	225	GTG	TGA	0	0	
mORF_+_4464212	4464212	4464265	+	2	54	ATG	TAA	0	0	
mORF_+_4464232	4464232	4464465	+	1	234	TTG	TAA	0	0	
mORF_+_4464332	4464332	4464421	+	2	90	GTG	TAA	0	0	
mORF_+_4464490	4464490	4464564	+	1	75	TTG	TAA	0	0	
mORF_+_4464497	4464497	4464607	+	2	111	GTG	TAG	0	0	
mORF_+_4464528	4464528	4464572	+	3	45	TTG	TAG	0	0	
mORF_+_4464591	4464591	4464620	+	3	30	TTG	TAG	0	0	
mORF_+_4464610	4464610	4464852	+	1	243	TTG	TGA	0	0	
mORF_+_4464662	4464662	4464679	+	2	18	TTG	TAG	0	0	
mORF_+_4464702	4464702	4464737	+	3	36	TTG	TGA	0	0	
mORF_+_4464779	4464779	4464802	+	2	24	TTG	TAA	0	0	
mORF_+_4464783	4464783	4464890	+	3	108	TTG	TAA	0	0	
mORF_+_4464859	4464859	4464867	+	1	9	GTG	TAA	0	0	
mORF_+_4464881	4464881	4464970	+	2	90	ATG	TGA	0	0	
mORF_+_4464940	4464940	4464954	+	1	15	ATG	TAA	0	0	
mORF_+_4464955	4464955	4465044	+	1	90	TTG	TGA	0	0	
mORF_+_4464980	4464980	4464994	+	2	15	ATG	TAA	0	0	
mORF_+_4464984	4464984	4465064	+	3	81	TTG	TAA	0	0	
mORF_+_4465019	4465019	4465027	+	2	9	ATG	TGA	0	0	
mORF_+_4465067	4465067	4465138	+	2	72	ATG	TGA	0	0	
mORF_+_4465090	4465090	4465233	+	1	144	TTG	TAA	0	0	
mORF_+_4465166	4465166	4465507	+	2	342	GTG	TAA	0	0	
mORF_+_4465264	4465264	4465284	+	1	21	TTG	TAA	0	0	
mORF_+_4465353	4465353	4465361	+	3	9	TTG	TAG	0	0	
mORF_+_4465362	4465362	4465388	+	3	27	TTG	TAG	0	0	
mORF_+_4465389	4465389	4465493	+	3	105	ATG	TAA	0	0	
mORF_+_4465533	4465533	4465556	+	3	24	ATG	TAA	0	0	
mORF_+_4465631	4465631	4465738	+	2	108	GTG	TGA	0	0	
mORF_+_4465648	4465648	4468344	+	1	2697	ATG	TAA	20	19	pORF_+_4465648
mORF_+_4465763	4465763	4465777	+	2	15	GTG	TGA	0	0	
mORF_+_4465770	4465770	4465880	+	3	111	TTG	TGA	0	0	
mORF_+_4465874	4465874	4466026	+	2	153	ATG	TAA	0	0	
mORF_+_4465911	4465911	4465952	+	3	42	GTG	TAA	0	0	
mORF_+_4466087	4466087	4466095	+	2	9	ATG	TGA	0	0	
mORF_+_4466153	4466153	4466203	+	2	51	ATG	TAA	0	0	
mORF_+_4466288	4466288	4466305	+	2	18	GTG	TAG	0	0	
mORF_+_4466352	4466352	4466462	+	3	111	GTG	TAG	0	0	
mORF_+_4466414	4466414	4466524	+	2	111	TTG	TGA	0	0	
mORF_+_4466567	4466567	4466626	+	2	60	ATG	TAG	0	0	
mORF_+_4466589	4466589	4466765	+	3	177	GTG	TGA	0	0	
mORF_+_4466654	4466654	4466686	+	2	33	TTG	TAA	0	0	
mORF_+_4466723	4466723	4466782	+	2	60	ATG	TGA	0	0	
mORF_+_4466795	4466795	4466863	+	2	69	TTG	TGA	0	0	
mORF_+_4466856	4466856	4466888	+	3	33	GTG	TAA	0	0	
mORF_+_4466924	4466924	4467013	+	2	90	ATG	TAG	0	0	
mORF_+_4466955	4466955	4466969	+	3	15	TTG	TGA	0	0	
mORF_+_4467045	4467045	4467122	+	3	78	TTG	TGA	0	0	
mORF_+_4467053	4467053	4467163	+	2	111	GTG	TGA	0	0	
mORF_+_4467185	4467185	4467253	+	2	69	TTG	TGA	0	0	
mORF_+_4467269	4467269	4467313	+	2	45	TTG	TGA	0	0	
mORF_+_4467329	4467329	4467343	+	2	15	GTG	TAA	0	0	
mORF_+_4467362	4467362	4467370	+	2	9	GTG	TAG	0	0	
mORF_+_4467371	4467371	4467499	+	2	129	TTG	TGA	0	0	
mORF_+_4467384	4467384	4467392	+	3	9	GTG	TGA	0	0	
mORF_+_4467521	4467521	4467526	+	2	6	TTG	TGA	0	0	
mORF_+_4467548	4467548	4467634	+	2	87	ATG	TAG	0	0	
mORF_+_4467638	4467638	4467682	+	2	45	TTG	TGA	0	0	
mORF_+_4467704	4467704	4467736	+	2	33	TTG	TGA	0	0	
mORF_+_4467773	4467773	4467793	+	2	21	ATG	TAG	0	0	
mORF_+_4467797	4467797	4467955	+	2	159	GTG	TGA	0	0	
mORF_+_4467924	4467924	4468322	+	3	399	TTG	TAG	0	0	

mORF_+_4468022	4468022	4468096	+	2	75	ATG	TGA	0	0	
mORF_+_4468097	4468097	4468108	+	2	12	TTG	TGA	0	0	
mORF_+_4468121	4468121	4468159	+	2	39	GTG	TAA	0	0	
mORF_+_4468184	4468184	4468249	+	2	66	TTG	TAA	0	0	
mORF_+_4468268	4468268	4468291	+	2	24	TTG	TGA	0	0	
mORF_+_4468378	4468378	4468383	+	1	6	TTG	TAG	0	0	
mORF_+_4468389	4468389	4468448	+	3	60	GTG	TAA	0	0	
mORF_+_4468396	4468396	4468419	+	1	24	TTG	TAA	0	0	
mORF_+_4468409	4468409	4468528	+	2	120	ATG	TGA	0	0	
mORF_+_4468420	4468420	4468653	+	1	234	ATG	TGA	0	0	
mORF_+_4468635	4468635	4468667	+	3	33	GTG	TAA	0	0	
mORF_+_4468643	4468643	4469107	+	2	465	GTG	TGA	0	0	
mORF_+_4468668	4468668	4468784	+	3	117	GTG	TGA	0	0	
mORF_+_4468681	4468681	4468716	+	1	36	TTG	TAG	0	0	
mORF_+_4468786	4468786	4468854	+	1	69	GTG	TGA	0	0	
mORF_+_4468851	4468851	4468889	+	3	39	GTG	TAA	0	0	
mORF_+_4468906	4468906	4468926	+	1	21	GTG	TAG	0	0	
mORF_+_4468929	4468929	4468961	+	3	33	TTG	TAA	0	0	
mORF_+_4469013	4469013	4469207	+	3	195	TTG	TAG	0	0	
mORF_+_4469104	4469104	4469127	+	1	24	ATG	TGA	0	0	
mORF_+_4469120	4469120	4469521	+	2	402	ATG	TAA	0	0	
mORF_+_4469179	4469179	4469223	+	1	45	TTG	TAA	0	0	
mORF_+_4469208	4469208	4469255	+	3	48	TTG	TGA	0	0	
mORF_+_4469245	4469245	4469295	+	1	51	ATG	TGA	0	0	
mORF_+_4469292	4469292	4469354	+	3	63	TTG	TGA	0	0	
mORF_+_4469370	4469370	4469864	+	3	495	TTG	TAA	0	0	
mORF_+_4469464	4469464	4469775	+	1	312	GTG	TAG	1	11	pORF_+_4469464
mORF_+_4469570	4469570	4469890	+	2	321	GTG	TAA	0	0	
mORF_+_4469791	4469791	4469859	+	1	69	ATG	TGA	0	0	
mORF_+_4469871	4469871	4469897	+	3	27	TTG	TGA	0	0	
mORF_+_4469906	4469906	4469992	+	2	87	GTG	TAA	0	0	
mORF_+_4469913	4469913	4469981	+	3	69	GTG	TGA	0	0	
mORF_+_4469941	4469941	4469985	+	1	45	TTG	TAG	0	0	
mORF_+_4469985	4469985	4470101	+	3	117	GTG	TGA	0	0	
mORF_+_4470005	4470005	4470178	+	2	174	TTG	TGA	0	0	
mORF_+_4470126	4470126	4470401	+	3	276	GTG	TGA	0	0	
mORF_+_4470175	4470175	4470231	+	1	57	GTG	TAG	0	0	
mORF_+_4470224	4470224	4470406	+	2	183	GTG	TAG	0	0	
mORF_+_4470232	4470232	4470261	+	1	30	ATG	TAG	0	0	
mORF_+_4470319	4470319	4470357	+	1	39	TTG	TAA	0	0	
mORF_+_4470459	4470459	4470551	+	3	93	TTG	TGA	0	0	
mORF_+_4470473	4470473	4470529	+	2	57	ATG	TAA	0	0	
mORF_+_4470536	4470536	4470868	+	2	333	ATG	TAA	0	0	
mORF_+_4470573	4470573	4470617	+	3	45	TTG	TGA	0	0	
mORF_+_4470627	4470627	4470656	+	3	30	TTG	TAA	0	0	
mORF_+_4470669	4470669	4470689	+	3	21	ATG	TGA	0	0	
mORF_+_4470723	4470723	4470827	+	3	105	TTG	TAA	0	0	
mORF_+_4470808	4470808	4470813	+	1	6	GTG	TGA	0	0	
mORF_+_4470850	4470850	4470924	+	1	75	ATG	TAA	0	0	
mORF_+_4470893	4470893	4470898	+	2	6	ATG	TAA	0	0	
mORF_+_4470917	4470917	4470937	+	2	21	TTG	TAA	0	0	
mORF_+_4470958	4470958	4471086	+	1	129	ATG	TGA	0	0	
mORF_+_4470972	4470972	4471190	+	3	219	TTG	TAG	0	0	
mORF_+_4471064	4471064	4471075	+	2	12	ATG	TGA	0	0	
mORF_+_4471100	4471100	4471162	+	2	63	GTG	TAG	0	0	
mORF_+_4471190	4471190	4471348	+	2	159	GTG	TAA	0	0	
mORF_+_4471194	4471194	4471295	+	3	102	ATG	TAG	0	0	
mORF_+_4471335	4471335	4471352	+	3	18	ATG	TGA	0	0	
mORF_+_4471349	4471349	4471642	+	2	294	TTG	TAA	0	0	
mORF_+_4471365	4471365	4471406	+	3	42	ATG	TAA	0	0	
mORF_+_4471390	4471390	4471431	+	1	42	ATG	TAA	0	0	
mORF_+_4471434	4471434	4471478	+	3	45	ATG	TGA	0	0	
mORF_+_4471462	4471462	4471695	+	1	234	TTG	TAA	0	0	

mORF_+_4471509	4471509	4471529	+	3	21	TTG	TAG	0	0	
mORF_+_4471542	4471542	4471565	+	3	24	TTG	TAA	0	0	
mORF_+_4471649	4471649	4471744	+	2	96	ATG	TGA	0	0	
mORF_+_4471741	4471741	4471797	+	1	57	ATG	TAA	0	0	
mORF_+_4471760	4471760	4471969	+	2	210	TTG	TAG	0	0	
mORF_+_4471851	4471851	4471880	+	3	30	ATG	TGA	0	0	
mORF_+_4471930	4471930	4472124	+	1	195	TTG	TAA	0	0	
mORF_+_4471932	4471932	4471946	+	3	15	GTG	TAG	0	0	
mORF_+_4471970	4471970	4472089	+	2	120	GTG	TGA	0	0	
mORF_+_4472096	4472096	4472101	+	2	6	ATG	TAA	0	0	
mORF_+_4472103	4472103	4472147	+	3	45	ATG	TAA	0	0	
mORF_+_4472147	4472147	4472740	+	2	594	ATG	TGA	4	9	pORF_+_4472147
mORF_+_4472250	4472250	4472414	+	3	165	ATG	TAG	0	0	
mORF_+_4472419	4472419	4472430	+	1	12	GTG	TGA	0	0	
mORF_+_4472427	4472427	4472438	+	3	12	TTG	TAA	0	0	
mORF_+_4472493	4472493	4472615	+	3	123	TTG	TGA	0	0	
mORF_+_4472608	4472608	4472619	+	1	12	ATG	TGA	0	0	
mORF_+_4472688	4472688	4472720	+	3	33	GTG	TAA	0	0	
mORF_+_4472730	4472730	4472789	+	3	60	TTG	TGA	0	0	
mORF_+_4472737	4472737	4472868	+	1	132	GTG	TAA	0	0	
mORF_+_4472786	4472786	4472800	+	2	15	GTG	TAA	0	0	
mORF_+_4472852	4472852	4472872	+	2	21	ATG	TAA	0	0	
mORF_+_4472876	4472876	4473337	+	2	462	GTG	TGA	14	114	pORF_+_4472876
mORF_+_4472917	4472917	4472949	+	1	33	GTG	TGA	0	0	
mORF_+_4472946	4472946	4473041	+	3	96	TTG	TGA	0	0	
mORF_+_4473063	4473063	4473107	+	3	45	GTG	TAA	0	0	
mORF_+_4473204	4473204	4473227	+	3	24	TTG	TAA	0	0	
mORF_+_4473228	4473228	4473317	+	3	90	ATG	TAG	0	0	
mORF_+_4473277	4473277	4473357	+	1	81	GTG	TAA	0	0	
mORF_+_4473377	4473377	4473382	+	2	6	TTG	TGA	0	0	
mORF_+_4473379	4473379	4473411	+	1	33	GTG	TGA	0	0	
mORF_+_4473395	4473395	4473415	+	2	21	TTG	TAA	0	0	
mORF_+_4473408	4473408	4473431	+	3	24	GTG	TAG	0	0	
mORF_+_4473419	4473419	4473424	+	2	6	TTG	TAA	0	0	
mORF_+_4473424	4473424	4475274	+	1	1851	ATG	TAA	0	0	
mORF_+_4473527	4473527	4473538	+	2	12	GTG	TAA	0	0	
mORF_+_4473548	4473548	4473559	+	2	12	GTG	TGA	0	0	
mORF_+_4473560	4473560	4473628	+	2	69	ATG	TAG	0	0	
mORF_+_4473659	4473659	4473703	+	2	45	ATG	TGA	0	0	
mORF_+_4473743	4473743	4473760	+	2	18	ATG	TGA	0	0	
mORF_+_4473890	4473890	4473955	+	2	66	ATG	TGA	0	0	
mORF_+_4473975	4473975	4473989	+	3	15	GTG	TGA	0	0	
mORF_+_4473986	4473986	4474006	+	2	21	GTG	TAG	0	0	
mORF_+_4474145	4474145	4474162	+	2	18	ATG	TAA	0	0	
mORF_+_4474199	4474199	4474216	+	2	18	ATG	TAA	0	0	
mORF_+_4474251	4474251	4474268	+	3	18	TTG	TGA	0	0	
mORF_+_4474265	4474265	4474291	+	2	27	TTG	TAA	0	0	
mORF_+_4474307	4474307	4474318	+	2	12	ATG	TAG	0	0	
mORF_+_4474352	4474352	4474411	+	2	60	ATG	TAG	0	0	
mORF_+_4474356	4474356	4474361	+	3	6	ATG	TGA	0	0	
mORF_+_4474430	4474430	4474459	+	2	30	ATG	TAG	0	0	
mORF_+_4474466	4474466	4474519	+	2	54	ATG	TAG	0	0	
mORF_+_4474520	4474520	4474600	+	2	81	ATG	TAA	0	0	
mORF_+_4474611	4474611	4474622	+	3	12	TTG	TAA	0	0	
mORF_+_4474640	4474640	4474660	+	2	21	TTG	TAA	0	0	
mORF_+_4474664	4474664	4474678	+	2	15	ATG	TAA	0	0	
mORF_+_4474668	4474668	4474691	+	3	24	ATG	TAA	0	0	
mORF_+_4474785	4474785	4474793	+	3	9	TTG	TAA	0	0	
mORF_+_4474799	4474799	4474825	+	2	27	TTG	TAA	0	0	
mORF_+_4474862	4474862	4474909	+	2	48	TTG	TAG	0	0	
mORF_+_4474913	4474913	4474927	+	2	15	ATG	TGA	0	0	
mORF_+_4474928	4474928	4474942	+	2	15	ATG	TGA	0	0	
mORF_+_4474962	4474962	4474985	+	3	24	TTG	TAA	0	0	

mORF_+_4474991	4474991	4475023	+	2	33	ATG	TAA	0	0	
mORF_+_4475027	4475027	4475035	+	2	9	ATG	TAA	0	0	
mORF_+_4475036	4475036	4475071	+	2	36	ATG	TGA	0	0	
mORF_+_4475087	4475087	4475107	+	2	21	ATG	TGA	0	0	
mORF_+_4475111	4475111	4475137	+	2	27	ATG	TGA	0	0	
mORF_+_4475165	4475165	4475197	+	2	33	ATG	TAA	0	0	
mORF_+_4475243	4475243	4475284	+	2	42	TTG	TGA	0	0	
mORF_+_4475247	4475247	4475258	+	3	12	GTG	TAG	0	0	
mORF_+_4475281	4475281	4475340	+	1	60	GTG	TGA	0	0	
mORF_+_4475292	4475292	4475390	+	3	99	ATG	TGA	0	0	
mORF_+_4475297	4475297	4475320	+	2	24	TTG	TAG	0	0	
mORF_+_4475369	4475369	4475452	+	2	84	ATG	TAG	0	0	
mORF_+_4475400	4475400	4475501	+	3	102	ATG	TGA	0	0	
mORF_+_4475489	4475489	4476259	+	2	771	TTG	TAA	0	0	
mORF_+_4475526	4475526	4475573	+	3	48	TTG	TGA	0	0	
mORF_+_4475587	4475587	4475652	+	1	66	ATG	TAA	0	0	
mORF_+_4475716	4475716	4475739	+	1	24	GTG	TAA	0	0	
mORF_+_4475767	4475767	4475799	+	1	33	GTG	TAA	0	0	
mORF_+_4475823	4475823	4475855	+	3	33	TTG	TAG	0	0	
mORF_+_4475871	4475871	4476005	+	3	135	TTG	TGA	0	0	
mORF_+_4475986	4475986	4476066	+	1	81	GTG	TAA	0	0	
mORF_+_4476036	4476036	4476080	+	3	45	ATG	TGA	0	0	
mORF_+_4476097	4476097	4476114	+	1	18	TTG	TAA	0	0	
mORF_+_4476133	4476133	4476186	+	1	54	ATG	TGA	0	0	
mORF_+_4476183	4476183	4476320	+	3	138	ATG	TGA	0	0	
mORF_+_4476311	4476311	4476364	+	2	54	ATG	TGA	0	0	
mORF_+_4476346	4476346	4476369	+	1	24	GTG	TAA	0	0	
mORF_+_4476382	4476382	4476483	+	1	102	ATG	TAA	0	0	
mORF_+_4476386	4476386	4476409	+	2	24	ATG	TAA	0	0	
mORF_+_4476432	4476432	4476530	+	3	99	GTG	TGA	0	0	
mORF_+_4476452	4476452	4476457	+	2	6	GTG	TGA	0	0	
mORF_+_4476496	4476496	4476912	+	1	417	ATG	TAA	11	141	pORF_+_4476496
mORF_+_4476527	4476527	4476544	+	2	18	GTG	TGA	0	0	
mORF_+_4476548	4476548	4476676	+	2	129	TTG	TGA	0	0	
mORF_+_4476698	4476698	4476718	+	2	21	TTG	TGA	0	0	
mORF_+_4476720	4476720	4476779	+	3	60	TTG	TGA	0	0	
mORF_+_4476752	4476752	4476763	+	2	12	ATG	TGA	0	0	
mORF_+_4476767	4476767	4476787	+	2	21	ATG	TGA	0	0	
mORF_+_4476806	4476806	4476916	+	2	111	TTG	TAA	0	0	
mORF_+_4476825	4476825	4476842	+	3	18	ATG	TGA	0	0	
mORF_+_4476954	4476954	4476965	+	3	12	GTG	TAG	0	0	
mORF_+_4476982	4476982	4476999	+	1	18	ATG	TAA	0	0	
mORF_+_4477012	4477012	4477167	+	1	156	TTG	TAA	0	0	
mORF_+_4477026	4477026	4477040	+	3	15	ATG	TGA	0	0	
mORF_+_4477037	4477037	4477060	+	2	24	TTG	TAG	0	0	
mORF_+_4477100	4477100	4477117	+	2	18	GTG	TAG	0	0	
mORF_+_4477154	4477154	4477189	+	2	36	ATG	TAG	0	0	
mORF_+_4477196	4477196	4477393	+	2	198	TTG	TGA	0	0	
mORF_+_4477245	4477245	4477268	+	3	24	TTG	TAG	0	0	
mORF_+_4477288	4477288	4477323	+	1	36	TTG	TAA	0	0	
mORF_+_4477323	4477323	4477457	+	3	135	ATG	TAA	0	0	
mORF_+_4477381	4477381	4477539	+	1	159	ATG	TGA	0	0	
mORF_+_4477436	4477436	4477441	+	2	6	GTG	TAG	0	0	
mORF_+_4477484	4477484	4477567	+	2	84	ATG	TAA	0	0	
mORF_+_4477536	4477536	4477562	+	3	27	GTG	TAG	0	0	
mORF_+_4477540	4477540	4477575	+	1	36	TTG	TAA	0	0	
mORF_+_4477595	4477595	4477669	+	2	75	TTG	TGA	0	0	
mORF_+_4477678	4477678	4477683	+	1	6	TTG	TAA	0	0	
mORF_+_4477685	4477685	4477738	+	2	54	GTG	TAA	0	0	
mORF_+_4477726	4477726	4478949	+	1	1224	ATG	TAA	0	0	
mORF_+_4477769	4477769	4477843	+	2	75	ATG	TGA	0	0	
mORF_+_4477833	4477833	4477904	+	3	72	TTG	TAA	0	0	
mORF_+_4477844	4477844	4477855	+	2	12	ATG	TAA	0	0	

mORF_+_4477916	4477916	4478020	+	2	105	ATG	TAA	0	0
mORF_+_4477983	4477983	4478153	+	3	171	TTG	TAG	0	0
mORF_+_4478045	4478045	4478062	+	2	18	TTG	TGA	0	0
mORF_+_4478160	4478160	4478267	+	3	108	TTG	TAG	0	0
mORF_+_4478216	4478216	4478299	+	2	84	TTG	TGA	0	0
mORF_+_4478309	4478309	4478359	+	2	51	TTG	TAA	0	0
mORF_+_4478427	4478427	4478522	+	3	96	TTG	TGA	0	0
mORF_+_4478438	4478438	4478458	+	2	21	ATG	TAG	0	0
mORF_+_4478480	4478480	4478512	+	2	33	TTG	TAA	0	0
mORF_+_4478513	4478513	4478590	+	2	78	ATG	TGA	0	0
mORF_+_4478615	4478615	4478644	+	2	30	TTG	TAA	0	0
mORF_+_4478687	4478687	4478713	+	2	27	ATG	TAA	0	0
mORF_+_4478745	4478745	4478816	+	3	72	GTG	TGA	0	0
mORF_+_4478747	4478747	4478761	+	2	15	GTG	TGA	0	0
mORF_+_4478813	4478813	4478869	+	2	57	TTG	TAA	0	0
mORF_+_4478970	4478970	4479062	+	3	93	ATG	TAG	0	0
mORF_+_4478996	4478996	4479004	+	2	9	GTG	TGA	0	0
mORF_+_4479001	4479001	4479021	+	1	21	TTG	TAA	0	0
mORF_+_4479090	4479090	4479500	+	3	411	ATG	TGA	0	0
mORF_+_4479103	4479103	4479153	+	1	51	GTG	TGA	0	0
mORF_+_4479326	4479326	4481905	+	2	2580	TTG	TAG	0	0
mORF_+_4479481	4479481	4479534	+	1	54	GTG	TGA	0	0
mORF_+_4479531	4479531	4479887	+	3	357	ATG	TGA	0	0
mORF_+_4479894	4479894	4479950	+	3	57	GTG	TAA	0	0
mORF_+_4479975	4479975	4480238	+	3	264	TTG	TAA	0	0
mORF_+_4480165	4480165	4480176	+	1	12	GTG	TAA	0	0
mORF_+_4480242	4480242	4480370	+	3	129	GTG	TGA	0	0
mORF_+_4480357	4480357	4480407	+	1	51	TTG	TAG	0	0
mORF_+_4480512	4480512	4480526	+	3	15	TTG	TAA	0	0
mORF_+_4480549	4480549	4480743	+	1	195	ATG	TAA	0	0
mORF_+_4480626	4480626	4480655	+	3	30	ATG	TGA	0	0
mORF_+_4480656	4480656	4480766	+	3	111	ATG	TAA	0	0
mORF_+_4480840	4480840	4480968	+	1	129	GTG	TGA	0	0
mORF_+_4480911	4480911	4480985	+	3	75	TTG	TGA	0	0
mORF_+_4481025	4481025	4481138	+	3	114	GTG	TAA	0	0
mORF_+_4481262	4481262	4481363	+	3	102	ATG	TAA	0	0
mORF_+_4481409	4481409	4481480	+	3	72	TTG	TGA	0	0
mORF_+_4481487	4481487	4481549	+	3	63	ATG	TAG	0	0
mORF_+_4481583	4481583	4481666	+	3	84	TTG	TGA	0	0
mORF_+_4481676	4481676	4481708	+	3	33	ATG	TGA	0	0
mORF_+_4481727	4481727	4481795	+	3	69	GTG	TAG	0	0
mORF_+_4481839	4481839	4482099	+	1	261	GTG	TAA	0	0
mORF_+_4481871	4481871	4481888	+	3	18	TTG	TGA	0	0
mORF_+_4481972	4481972	4482157	+	2	186	GTG	TAA	0	0
mORF_+_4482000	4482000	4482014	+	3	15	TTG	TAA	0	0
mORF_+_4482069	4482069	4482185	+	3	117	GTG	TGA	0	0
mORF_+_4482103	4482103	4482252	+	1	150	ATG	TAA	0	0
mORF_+_4482182	4482182	4482286	+	2	105	ATG	TAG	0	0
mORF_+_4482306	4482306	4482479	+	3	174	ATG	TAA	0	0
mORF_+_4482316	4482316	4482330	+	1	15	TTG	TAA	0	0
mORF_+_4482361	4482361	4482444	+	1	84	ATG	TAA	0	0
mORF_+_4482374	4482374	4482409	+	2	36	GTG	TAG	0	0
mORF_+_4482504	4482504	4482605	+	3	102	GTG	TAA	0	0
mORF_+_4482530	4482530	4482697	+	2	168	GTG	TGA	0	0
mORF_+_4482580	4482580	4482612	+	1	33	GTG	TGA	0	0
mORF_+_4482609	4482609	4482632	+	3	24	GTG	TAA	0	0
mORF_+_4482688	4482688	4482717	+	1	30	TTG	TAA	0	0
mORF_+_4482723	4482723	4482800	+	3	78	ATG	TAA	0	0
mORF_+_4482739	4482739	4482888	+	1	150	TTG	TAA	0	0
mORF_+_4482923	4482923	4482946	+	2	24	GTG	TGA	0	0
mORF_+_4482943	4482943	4482963	+	1	21	TTG	TAA	0	0
mORF_+_4482953	4482953	4482982	+	2	30	ATG	TAG	0	0
mORF_+_4482998	4482998	4483075	+	2	78	ATG	TAA	0	0

mORF_+_4483042	4483042	4483047	+	1	6	TTG	TAG	0	0	
mORF_+_4483115	4483115	4483255	+	2	141	ATG	TGA	0	0	
mORF_+_4483182	4483182	4483310	+	3	129	TTG	TAA	0	0	
mORF_+_4483243	4483243	4483362	+	1	120	TTG	TGA	0	0	
mORF_+_4483316	4483316	4483336	+	2	21	GTG	TAG	0	0	
mORF_+_4483359	4483359	4483424	+	3	66	GTG	TAA	0	0	
mORF_+_4483400	4483400	4483552	+	2	153	TTG	TGA	0	0	
mORF_+_4483447	4483447	4483662	+	1	216	GTG	TGA	0	0	
mORF_+_4483575	4483575	4483625	+	3	51	TTG	TAA	0	0	
mORF_+_4483610	4483610	4483696	+	2	87	TTG	TGA	0	0	
mORF_+_4483659	4483659	4483685	+	3	27	TTG	TAA	0	0	
mORF_+_4483706	4483706	4483714	+	2	9	TTG	TGA	0	0	
mORF_+_4483736	4483736	4483996	+	2	261	TTG	TAA	0	0	
mORF_+_4483783	4483783	4483836	+	1	54	ATG	TAG	0	0	
mORF_+_4483797	4483797	4483847	+	3	51	ATG	TGA	0	0	
mORF_+_4483899	4483899	4483967	+	3	69	GTG	TAA	0	0	
mORF_+_4484008	4484008	4484061	+	1	54	GTG	TGA	0	0	
mORF_+_4484024	4484024	4484122	+	2	99	TTG	TGA	0	0	
mORF_+_4484043	4484043	4484072	+	3	30	ATG	TAA	0	0	
mORF_+_4484092	4484092	4484115	+	1	24	TTG	TGA	0	0	
mORF_+_4484119	4484119	4484178	+	1	60	GTG	TGA	0	0	
mORF_+_4484175	4484175	4484192	+	3	18	ATG	TGA	0	0	
mORF_+_4484189	4484189	4484239	+	2	51	ATG	TAA	0	0	
mORF_+_4484241	4484241	4485341	+	3	1101	GTG	TGA	5	28	pORF_+_4484241
mORF_+_4484356	4484356	4484439	+	1	84	TTG	TAA	0	0	
mORF_+_4484488	4484488	4484502	+	1	15	GTG	TAA	0	0	
mORF_+_4484506	4484506	4484520	+	1	15	ATG	TGA	0	0	
mORF_+_4484554	4484554	4484577	+	1	24	TTG	TAG	0	0	
mORF_+_4484594	4484594	4484629	+	2	36	GTG	TGA	0	0	
mORF_+_4484626	4484626	4484637	+	1	12	ATG	TAG	0	0	
mORF_+_4484701	4484701	4484826	+	1	126	ATG	TAA	0	0	
mORF_+_4484899	4484899	4485039	+	1	141	GTG	TGA	0	0	
mORF_+_4485002	4485002	4485013	+	2	12	GTG	TGA	0	0	
mORF_+_4485227	4485227	4485244	+	2	18	GTG	TAA	0	0	
mORF_+_4485268	4485268	4485363	+	1	96	TTG	TGA	0	0	
mORF_+_4485281	4485281	4485328	+	2	48	TTG	TAA	0	0	
mORF_+_4485338	4485338	4486423	+	2	1086	GTG	TAA	6	15	pORF_+_4485338
mORF_+_4485351	4485351	4485401	+	3	51	TTG	TGA	0	0	
mORF_+_4485444	4485444	4485458	+	3	15	TTG	TGA	0	0	
mORF_+_4485528	4485528	4485614	+	3	87	ATG	TGA	0	0	
mORF_+_4485699	4485699	4485857	+	3	159	TTG	TAG	0	0	
mORF_+_4485706	4485706	4485741	+	1	36	ATG	TAA	0	0	
mORF_+_4485796	4485796	4485831	+	1	36	ATG	TGA	0	0	
mORF_+_4485858	4485858	4485983	+	3	126	GTG	TGA	0	0	
mORF_+_4486080	4486080	4486115	+	3	36	ATG	TGA	0	0	
mORF_+_4486140	4486140	4486202	+	3	63	ATG	TGA	0	0	
mORF_+_4486165	4486165	4486245	+	1	81	GTG	TAG	0	0	
mORF_+_4486230	4486230	4486328	+	3	99	TTG	TGA	0	0	
mORF_+_4486338	4486338	4486391	+	3	54	ATG	TAA	0	0	
mORF_+_4486399	4486399	4486431	+	1	33	GTG	TGA	0	0	
mORF_+_4486428	4486428	4486439	+	3	12	ATG	TAA	0	0	
mORF_+_4486464	4486464	4486502	+	3	39	TTG	TAA	0	0	
mORF_+_4486475	4486475	4486495	+	2	21	GTG	TGA	0	0	
mORF_+_4486477	4486477	4486506	+	1	30	GTG	TAA	0	0	
mORF_+_4486518	4486518	4487213	+	3	696	TTG	TGA	0	0	
mORF_+_4486523	4486523	4486537	+	2	15	GTG	TGA	0	0	
mORF_+_4486528	4486528	4486635	+	1	108	GTG	TGA	0	0	
mORF_+_4486660	4486660	4486812	+	1	153	TTG	TGA	0	0	
mORF_+_4486667	4486667	4486711	+	2	45	TTG	TAG	0	0	
mORF_+_4486867	4486867	4486887	+	1	21	TTG	TGA	0	0	
mORF_+_4487014	4487014	4487028	+	1	15	GTG	TGA	0	0	
mORF_+_4487056	4487056	4487097	+	1	42	TTG	TGA	0	0	
mORF_+_4487102	4487102	4487110	+	2	9	TTG	TAA	0	0	

mORF_+_4487210	4487210	4487221	+	2	12	TTG	TAA	0	0
mORF_+_4487280	4487280	4487357	+	3	78	ATG	TGA	0	0
mORF_+_4487282	4487282	4487419	+	2	138	GTG	TGA	0	0
mORF_+_4487425	4487425	4487577	+	1	153	TTG	TGA	0	0
mORF_+_4487496	4487496	4487648	+	3	153	GTG	TAA	0	0
mORF_+_4487498	4487498	4487563	+	2	66	GTG	TGA	0	0
mORF_+_4487590	4487590	4487658	+	1	69	TTG	TGA	0	0
mORF_+_4487618	4487618	4487635	+	2	18	TTG	TAA	0	0
mORF_+_4487668	4487668	4488015	+	1	348	ATG	TGA	0	0
mORF_+_4487697	4487697	4487951	+	3	255	TTG	TGA	0	0
mORF_+_4487723	4487723	4487833	+	2	111	GTG	TGA	0	0
mORF_+_4487852	4487852	4487923	+	2	72	TTG	TAA	0	0
mORF_+_4487948	4487948	4487974	+	2	27	ATG	TAA	0	0
mORF_+_4487964	4487964	4488038	+	3	75	TTG	TAA	0	0
mORF_+_4487993	4487993	4488004	+	2	12	TTG	TAA	0	0
mORF_+_4488049	4488049	4488162	+	1	114	GTG	TAA	0	0
mORF_+_4488143	4488143	4488148	+	2	6	GTG	TAA	0	0
mORF_+_4488171	4488171	4488182	+	3	12	GTG	TGA	0	0
mORF_+_4488179	4488179	4488442	+	2	264	GTG	TAA	0	0
mORF_+_4488207	4488207	4488221	+	3	15	GTG	TGA	0	0
mORF_+_4488237	4488237	4488338	+	3	102	TTG	TGA	0	0
mORF_+_4488304	4488304	4488459	+	1	156	TTG	TAA	0	0
mORF_+_4488348	4488348	4488491	+	3	144	ATG	TGA	0	0
mORF_+_4488488	4488488	4488499	+	2	12	ATG	TGA	0	0
mORF_+_4488492	4488492	4488566	+	3	75	ATG	TGA	0	0
mORF_+_4488496	4488496	4488624	+	1	129	ATG	TGA	0	0
mORF_+_4488536	4488536	4488745	+	2	210	ATG	TGA	0	0
mORF_+_4488585	4488585	4488776	+	3	192	GTG	TGA	0	0
mORF_+_4488773	4488773	4488949	+	2	177	GTG	TGA	0	0
mORF_+_4488804	4488804	4488812	+	3	9	ATG	TAA	0	0
mORF_+_4488858	4488858	4488863	+	3	6	TTG	TAA	0	0
mORF_+_4488897	4488897	4488938	+	3	42	GTG	TGA	0	0
mORF_+_4488946	4488946	4489011	+	1	66	ATG	TAG	0	0
mORF_+_4488977	4488977	4489141	+	2	165	TTG	TAA	0	0
mORF_+_4488993	4488993	4489019	+	3	27	ATG	TAA	0	0
mORF_+_4489020	4489020	4489091	+	3	72	TTG	TAA	0	0
mORF_+_4489063	4489063	4489128	+	1	66	TTG	TAG	0	0
mORF_+_4489151	4489151	4489255	+	2	105	GTG	TAA	0	0
mORF_+_4489155	4489155	4489580	+	3	426	TTG	TAG	0	0
mORF_+_4489373	4489373	4489378	+	2	6	GTG	TGA	0	0
mORF_+_4489375	4489375	4489437	+	1	63	GTG	TAA	0	0
mORF_+_4489430	4489430	4489540	+	2	111	ATG	TAA	0	0
mORF_+_4489549	4489549	4489554	+	1	6	GTG	TAG	0	0
mORF_+_4489568	4489568	4489573	+	2	6	GTG	TGA	0	0
mORF_+_4489570	4489570	4489614	+	1	45	GTG	TAA	0	0
mORF_+_4489580	4489580	4489603	+	2	24	GTG	TAA	0	0
mORF_+_4489674	4489674	4489916	+	3	243	ATG	TGA	0	0
mORF_+_4489688	4489688	4489813	+	2	126	TTG	TAA	0	0
mORF_+_4489720	4489720	4489725	+	1	6	GTG	TGA	0	0
mORF_+_4489913	4489913	4489927	+	2	15	ATG	TAA	0	0
mORF_+_4489936	4489936	4489968	+	1	33	GTG	TAG	0	0
mORF_+_4490001	4490001	4490567	+	3	567	ATG	TAG	0	0
mORF_+_4490078	4490078	4490149	+	2	72	ATG	TAA	0	0
mORF_+_4490080	4490080	4490172	+	1	93	GTG	TAA	0	0
mORF_+_4490255	4490255	4490338	+	2	84	TTG	TAA	0	0
mORF_+_4490305	4490305	4490403	+	1	99	GTG	TAG	0	0
mORF_+_4490396	4490396	4490542	+	2	147	TTG	TAA	0	0
mORF_+_4490419	4490419	4490475	+	1	57	GTG	TAA	0	0
mORF_+_4490542	4490542	4490550	+	1	9	ATG	TAG	0	0
mORF_+_4490567	4490567	4490761	+	2	195	GTG	TGA	0	0
mORF_+_4490626	4490626	4490808	+	1	183	ATG	TAG	0	0
mORF_+_4490649	4490649	4490678	+	3	30	GTG	TGA	0	0
mORF_+_4490780	4490780	4490788	+	2	9	GTG	TAG	0	0

mORF_+_4490824	4490824	4490832	+	1	9	TTG	TGA	0	0
mORF_+_4490836	4490836	4490904	+	1	69	TTG	TAA	0	0
mORF_+_4490838	4490838	4491305	+	3	468	GTG	TAA	0	0
mORF_+_4490894	4490894	4490911	+	2	18	ATG	TGA	0	0
mORF_+_4490908	4490908	4490985	+	1	78	GTG	TGA	0	0
mORF_+_4491115	4491115	4491171	+	1	57	ATG	TGA	0	0
mORF_+_4491185	4491185	4491253	+	2	69	GTG	TAA	0	0
mORF_+_4491272	4491272	4491334	+	2	63	GTG	TAA	0	0
mORF_+_4491313	4491313	4491471	+	1	159	ATG	TGA	0	0
mORF_+_4491356	4491356	4491451	+	2	96	GTG	TAG	0	0
mORF_+_4491468	4491468	4491698	+	3	231	GTG	TGA	0	0
mORF_+_4491499	4491499	4491507	+	1	9	GTG	TGA	0	0
mORF_+_4491526	4491526	4491543	+	1	18	ATG	TAA	0	0
mORF_+_4491574	4491574	4491666	+	1	93	GTG	TGA	0	0
mORF_+_4491688	4491688	4491717	+	1	30	ATG	TGA	0	0
mORF_+_4491695	4491695	4491928	+	2	234	ATG	TAA	0	0
mORF_+_4491753	4491753	4491941	+	3	189	ATG	TGA	0	0
mORF_+_4491766	4491766	4491873	+	1	108	GTG	TGA	0	0
mORF_+_4491941	4491941	4491967	+	2	27	ATG	TAA	0	0
mORF_+_4491943	4491943	4491987	+	1	45	GTG	TAA	0	0
mORF_+_4492002	4492002	4492013	+	3	12	TTG	TAA	0	0
mORF_+_4492022	4492022	4492195	+	2	174	TTG	TAA	0	0
mORF_+_4492080	4492080	4492115	+	3	36	ATG	TGA	0	0
mORF_+_4492131	4492131	4492148	+	3	18	ATG	TGA	0	0
mORF_+_4492170	4492170	4492214	+	3	45	ATG	TGA	0	0
mORF_+_4492201	4492201	4492218	+	1	18	ATG	TAA	0	0
mORF_+_4492211	4492211	4492243	+	2	33	ATG	TAA	0	0
mORF_+_4492252	4492252	4492266	+	1	15	GTG	TGA	0	0
mORF_+_4492263	4492263	4492289	+	3	27	ATG	TGA	0	0
mORF_+_4492295	4492295	4492300	+	2	6	ATG	TAA	0	0
mORF_+_4492331	4492331	4492339	+	2	9	TTG	TAA	0	0
mORF_+_4492339	4492339	4492377	+	1	39	ATG	TAA	0	0
mORF_+_4492392	4492392	4492451	+	3	60	TTG	TAG	0	0
mORF_+_4492414	4492414	4492431	+	1	18	GTG	TAA	0	0
mORF_+_4492424	4492424	4492480	+	2	57	TTG	TAA	0	0
mORF_+_4492491	4492491	4492496	+	3	6	TTG	TGA	0	0
mORF_+_4492493	4492493	4492546	+	2	54	GTG	TGA	0	0
mORF_+_4492516	4492516	4492587	+	1	72	TTG	TGA	0	0
mORF_+_4492548	4492548	4492571	+	3	24	GTG	TAG	0	0
mORF_+_4492553	4492553	4492558	+	2	6	TTG	TAA	0	0
mORF_+_4492584	4492584	4492610	+	3	27	GTG	TAG	0	0
mORF_+_4492595	4492595	4492630	+	2	36	ATG	TGA	0	0
mORF_+_4492627	4492627	4492656	+	1	30	ATG	TGA	0	0
mORF_+_4492646	4492646	4493209	+	2	564	ATG	TGA	0	0
mORF_+_4492653	4492653	4492670	+	3	18	GTG	TGA	0	0
mORF_+_4492686	4492686	4492700	+	3	15	GTG	TAA	0	0
mORF_+_4492701	4492701	4492775	+	3	75	TTG	TAG	0	0
mORF_+_4492806	4492806	4492838	+	3	33	ATG	TAA	0	0
mORF_+_4492839	4492839	4492901	+	3	63	ATG	TAA	0	0
mORF_+_4492914	4492914	4492961	+	3	48	GTG	TAG	0	0
mORF_+_4492962	4492962	4493024	+	3	63	ATG	TAG	0	0
mORF_+_4493043	4493043	4493243	+	3	201	TTG	TAA	0	0
mORF_+_4493128	4493128	4493283	+	1	156	ATG	TAA	0	0
mORF_+_4493264	4493264	4493410	+	2	147	ATG	TAA	0	0
mORF_+_4493271	4493271	4493363	+	3	93	ATG	TAA	0	0
mORF_+_4493367	4493367	4493474	+	3	108	GTG	TAG	0	0
mORF_+_4493456	4493456	4494070	+	2	615	ATG	TGA	0	0
mORF_+_4493514	4493514	4493915	+	3	402	TTG	TGA	0	0
mORF_+_4493551	4493551	4493634	+	1	84	GTG	TAG	0	0
mORF_+_4493662	4493662	4493682	+	1	21	TTG	TAG	0	0
mORF_+_4493752	4493752	4493760	+	1	9	GTG	TAA	0	0
mORF_+_4493821	4493821	4493880	+	1	60	GTG	TAA	0	0
mORF_+_4494019	4494019	4494300	+	1	282	GTG	TGA	0	0

mORF_+_4494107	4494107	4494397	+	2	291	ATG	TAA	0	0	
mORF_+_4494264	4494264	4494269	+	3	6	GTG	TAG	0	0	
mORF_+_4494273	4494273	4494332	+	3	60	ATG	TGA	0	0	
mORF_+_4494375	4494375	4494449	+	3	75	ATG	TAG	0	0	
mORF_+_4494434	4494434	4494523	+	2	90	GTG	TAA	0	0	
mORF_+_4494456	4494456	4494476	+	3	21	TTG	TAG	0	0	
mORF_+_4494483	4494483	4494527	+	3	45	GTG	TAG	0	0	
mORF_+_4494550	4494550	4494744	+	1	195	ATG	TAA	0	0	
mORF_+_4494564	4494564	4494650	+	3	87	GTG	TGA	0	0	
mORF_+_4494635	4494635	4494670	+	2	36	ATG	TAA	0	0	
mORF_+_4494674	4494674	4494754	+	2	81	TTG	TAG	0	0	
mORF_+_4494762	4494762	4494881	+	3	120	ATG	TAG	0	0	
mORF_+_4494773	4494773	4495963	+	2	1191	ATG	TAA	2	2	pORF_+_4494773
mORF_+_4494885	4494885	4495061	+	3	177	ATG	TAA	0	0	
mORF_+_4495009	4495009	4495026	+	1	18	GTG	TAA	0	0	
mORF_+_4495030	4495030	4495038	+	1	9	GTG	TGA	0	0	
mORF_+_4495068	4495068	4495118	+	3	51	TTG	TAA	0	0	
mORF_+_4495170	4495170	4495238	+	3	69	TTG	TAA	0	0	
mORF_+_4495239	4495239	4495316	+	3	78	TTG	TAA	0	0	
mORF_+_4495375	4495375	4495419	+	1	45	ATG	TGA	0	0	
mORF_+_4495416	4495416	4495505	+	3	90	GTG	TGA	0	0	
mORF_+_4495435	4495435	4495518	+	1	84	TTG	TAG	0	0	
mORF_+_4495569	4495569	4495580	+	3	12	TTG	TAA	0	0	
mORF_+_4495599	4495599	4495616	+	3	18	ATG	TGA	0	0	
mORF_+_4495623	4495623	4495652	+	3	30	TTG	TGA	0	0	
mORF_+_4495653	4495653	4495667	+	3	15	GTG	TAA	0	0	
mORF_+_4495671	4495671	4495706	+	3	36	GTG	TAG	0	0	
mORF_+_4495711	4495711	4495743	+	1	33	TTG	TAG	0	0	
mORF_+_4495713	4495713	4495796	+	3	84	GTG	TGA	0	0	
mORF_+_4495765	4495765	4495776	+	1	12	GTG	TGA	0	0	
mORF_+_4495876	4495876	4495929	+	1	54	GTG	TGA	0	0	
mORF_+_4495896	4495896	4495901	+	3	6	ATG	TAA	0	0	
mORF_+_4495926	4495926	4495955	+	3	30	TTG	TAA	0	0	
mORF_+_4495977	4495977	4496033	+	3	57	ATG	TAA	0	0	
mORF_+_4496008	4496008	4496037	+	1	30	TTG	TGA	0	0	
mORF_+_4496037	4496037	4496123	+	3	87	ATG	TAA	0	0	
mORF_+_4496151	4496151	4496168	+	3	18	GTG	TGA	0	0	
mORF_+_4496177	4496177	4496206	+	2	30	GTG	TAG	0	0	
mORF_+_4496190	4496190	4496219	+	3	30	TTG	TGA	0	0	
mORF_+_4496250	4496250	4496660	+	3	411	GTG	TAA	0	0	
mORF_+_4496284	4496284	4496298	+	1	15	TTG	TGA	0	0	
mORF_+_4496299	4496299	4496310	+	1	12	TTG	TAG	0	0	
mORF_+_4496356	4496356	4496385	+	1	30	TTG	TGA	0	0	
mORF_+_4496398	4496398	4496418	+	1	21	TTG	TAG	0	0	
mORF_+_4496494	4496494	4496526	+	1	33	TTG	TGA	0	0	
mORF_+_4496575	4496575	4496625	+	1	51	ATG	TAG	0	0	
mORF_+_4496618	4496618	4497523	+	2	906	GTG	TAG	0	0	
mORF_+_4496650	4496650	4496727	+	1	78	ATG	TGA	0	0	
mORF_+_4496691	4496691	4496984	+	3	294	GTG	TGA	0	0	
mORF_+_4496830	4496830	4496862	+	1	33	ATG	TGA	0	0	
mORF_+_4497001	4497001	4497012	+	1	12	ATG	TGA	0	0	
mORF_+_4497030	4497030	4497206	+	3	177	GTG	TGA	0	0	
mORF_+_4497199	4497199	4497213	+	1	15	GTG	TAA	0	0	
mORF_+_4497213	4497213	4497314	+	3	102	ATG	TAG	0	0	
mORF_+_4497220	4497220	4497234	+	1	15	ATG	TAA	0	0	
mORF_+_4497342	4497342	4497380	+	3	39	GTG	TAA	0	0	
mORF_+_4497396	4497396	4497497	+	3	102	TTG	TAA	0	0	
mORF_+_4497424	4497424	4497438	+	1	15	ATG	TAG	0	0	
mORF_+_4497484	4497484	4497489	+	1	6	TTG	TAA	0	0	
mORF_+_4497498	4497498	4497545	+	3	48	GTG	TGA	0	0	
mORF_+_4497508	4497508	4497615	+	1	108	ATG	TGA	0	0	
mORF_+_4497539	4497539	4497550	+	2	12	GTG	TGA	0	0	
mORF_+_4497612	4497612	4497638	+	3	27	ATG	TAA	0	0	

mORF_+_4497622	4497622	4497957	+	1	336	GTG	TGA	0	0
mORF_+_4497639	4497639	4497686	+	3	48	GTG	TAA	0	0
mORF_+_4497725	4497725	4497769	+	2	45	TTG	TGA	0	0
mORF_+_4497729	4497729	4497797	+	3	69	ATG	TGA	0	0
mORF_+_4497827	4497827	4497862	+	2	36	ATG	TAG	0	0
mORF_+_4497849	4497849	4497911	+	3	63	GTG	TGA	0	0
mORF_+_4497896	4497896	4497937	+	2	42	TTG	TAA	0	0
mORF_+_4497941	4497941	4497952	+	2	12	ATG	TGA	0	0
mORF_+_4497954	4497954	4498010	+	3	57	GTG	TGA	0	0
mORF_+_4498010	4498010	4498024	+	2	15	ATG	TAA	0	0
mORF_+_4498092	4498092	4498217	+	3	126	TTG	TGA	0	0
mORF_+_4498096	4498096	4498170	+	1	75	ATG	TAA	0	0
mORF_+_4498109	4498109	4498288	+	2	180	ATG	TGA	0	0
mORF_+_4498228	4498228	4498440	+	1	213	ATG	TAA	0	0
mORF_+_4498260	4498260	4498436	+	3	177	GTG	TAA	0	0
mORF_+_4498289	4498289	4498369	+	2	81	TTG	TAG	0	0
mORF_+_4498446	4498446	4498526	+	3	81	GTG	TGA	0	0
mORF_+_4498466	4498466	4498483	+	2	18	GTG	TAG	0	0
mORF_+_4498523	4498523	4498654	+	2	132	GTG	TAA	0	0
mORF_+_4498551	4498551	4498622	+	3	72	GTG	TAA	0	0
mORF_+_4498585	4498585	4498605	+	1	21	GTG	TAA	0	0
mORF_+_4498624	4498624	4498788	+	1	165	GTG	TGA	0	0
mORF_+_4498664	4498664	4498777	+	2	114	ATG	TGA	0	0
mORF_+_4498719	4498719	4498850	+	3	132	GTG	TGA	0	0
mORF_+_4498816	4498816	4498872	+	1	57	TTG	TGA	0	0
mORF_+_4498869	4498869	4499114	+	3	246	GTG	TGA	0	0
mORF_+_4498903	4498903	4498944	+	1	42	ATG	TGA	0	0
mORF_+_4499057	4499057	4499251	+	2	195	TTG	TGA	0	0
mORF_+_4499118	4499118	4499243	+	3	126	ATG	TGA	0	0
mORF_+_4499164	4499164	4499235	+	1	72	TTG	TAA	0	0
mORF_+_4499283	4499283	4499612	+	3	330	TTG	TAA	0	0
mORF_+_4499305	4499305	4499526	+	1	222	TTG	TGA	0	0
mORF_+_4499363	4499363	4499482	+	2	120	GTG	TAA	0	0
mORF_+_4499519	4499519	4499575	+	2	57	TTG	TGA	0	0
mORF_+_4499587	4499587	4499616	+	1	30	TTG	TGA	0	0
mORF_+_4499613	4499613	4499651	+	3	39	GTG	TAA	0	0
mORF_+_4499630	4499630	4499677	+	2	48	GTG	TGA	0	0
mORF_+_4499659	4499659	4499703	+	1	45	TTG	TAA	0	0
mORF_+_4499687	4499687	4499695	+	2	9	ATG	TAG	0	0
mORF_+_4499719	4499719	4499739	+	1	21	ATG	TAG	0	0
mORF_+_4499834	4499834	4499941	+	2	108	GTG	TGA	0	0
mORF_+_4499859	4499859	4499870	+	3	12	GTG	TAA	0	0
mORF_+_4499874	4499874	4499882	+	3	9	ATG	TAA	0	0
mORF_+_4499941	4499941	4499955	+	1	15	ATG	TAA	0	0
mORF_+_4499955	4499955	4500098	+	3	144	ATG	TAG	0	0
mORF_+_4499983	4499983	4500018	+	1	36	ATG	TGA	0	0
mORF_+_4500028	4500028	4500075	+	1	48	TTG	TAA	0	0
mORF_+_4500056	4500056	4500070	+	2	15	TTG	TAA	0	0
mORF_+_4500079	4500079	4500129	+	1	51	TTG	TAA	0	0
mORF_+_4500104	4500104	4500115	+	2	12	TTG	TAA	0	0
mORF_+_4500157	4500157	4500345	+	1	189	GTG	TGA	0	0
mORF_+_4500212	4500212	4500382	+	2	171	TTG	TAA	0	0
mORF_+_4500231	4500231	4500281	+	3	51	TTG	TGA	0	0
mORF_+_4500342	4500342	4500416	+	3	75	TTG	TAA	0	0
mORF_+_4500432	4500432	4500803	+	3	372	TTG	TAA	0	0
mORF_+_4500568	4500568	4500705	+	1	138	ATG	TGA	0	0
mORF_+_4500671	4500671	4500727	+	2	57	GTG	TGA	0	0
mORF_+_4500812	4500812	4500868	+	2	57	GTG	TAA	0	0
mORF_+_4500844	4500844	4500975	+	1	132	GTG	TAG	0	0
mORF_+_4500858	4500858	4501325	+	3	468	TTG	TAG	0	0
mORF_+_4500995	4500995	4501132	+	2	138	GTG	TGA	0	0
mORF_+_4501039	4501039	4501176	+	1	138	GTG	TGA	0	0
mORF_+_4501207	4501207	4501248	+	1	42	TTG	TGA	0	0

mORF_+_4501273	4501273	4501380	+	1	108	ATG	TAA	0	0	
mORF_+_4501397	4501397	4501456	+	2	60	GTG	TAA	0	0	
mORF_+_4501447	4501447	4501476	+	1	30	ATG	TGA	0	0	
mORF_+_4501449	4501449	4501529	+	3	81	GTG	TGA	0	0	
mORF_+_4501542	4501542	4501643	+	3	102	TTG	TGA	0	0	
mORF_+_4501555	4501555	4501560	+	1	6	TTG	TAA	0	0	
mORF_+_4501582	4501582	4501596	+	1	15	ATG	TGA	0	0	
mORF_+_4501622	4501622	4501714	+	2	93	ATG	TAA	0	0	
mORF_+_4501624	4501624	4501653	+	1	30	GTG	TAA	0	0	
mORF_+_4501747	4501747	4501791	+	1	45	TTG	TGA	0	0	
mORF_+_4501788	4501788	4501919	+	3	132	ATG	TGA	0	0	
mORF_+_4501813	4501813	4501827	+	1	15	TTG	TGA	0	0	
mORF_+_4501831	4501831	4501875	+	1	45	GTG	TGA	0	0	
mORF_+_4501859	4501859	4501888	+	2	30	TTG	TAG	0	0	
mORF_+_4501889	4501889	4501957	+	2	69	GTG	TGA	0	0	
mORF_+_4501923	4501923	4501961	+	3	39	ATG	TAG	0	0	
mORF_+_4501936	4501936	4501968	+	1	33	ATG	TGA	0	0	
mORF_+_4501965	4501965	4502027	+	3	63	TTG	TGA	0	0	
mORF_+_4501993	4501993	4502007	+	1	15	TTG	TAA	0	0	
mORF_+_4502021	4502021	4503298	+	2	1278	TTG	TGA	0	0	
mORF_+_4502092	4502092	4502100	+	1	9	ATG	TAA	0	0	
mORF_+_4502140	4502140	4502160	+	1	21	ATG	TGA	0	0	
mORF_+_4502145	4502145	4502177	+	3	33	TTG	TGA	0	0	
mORF_+_4502214	4502214	4502243	+	3	30	TTG	TAA	0	0	
mORF_+_4502274	4502274	4502327	+	3	54	TTG	TGA	0	0	
mORF_+_4502332	4502332	4502370	+	1	39	GTG	TAG	0	0	
mORF_+_4502376	4502376	4502426	+	3	51	TTG	TAG	0	0	
mORF_+_4502404	4502404	4502439	+	1	36	TTG	TGA	0	0	
mORF_+_4502436	4502436	4502468	+	3	33	GTG	TAG	0	0	
mORF_+_4502446	4502446	4502481	+	1	36	ATG	TAA	0	0	
mORF_+_4502502	4502502	4502516	+	3	15	GTG	TAA	0	0	
mORF_+_4502517	4502517	4502555	+	3	39	GTG	TAA	0	0	
mORF_+_4502565	4502565	4502603	+	3	39	TTG	TAG	0	0	
mORF_+_4502581	4502581	4502670	+	1	90	ATG	TGA	0	0	
mORF_+_4502643	4502643	4502738	+	3	96	GTG	TGA	0	0	
mORF_+_4502758	4502758	4502817	+	1	60	TTG	TAA	0	0	
mORF_+_4502766	4502766	4502786	+	3	21	TTG	TAA	0	0	
mORF_+_4502817	4502817	4502849	+	3	33	ATG	TGA	0	0	
mORF_+_4502892	4502892	4502921	+	3	30	TTG	TAA	0	0	
mORF_+_4502931	4502931	4502936	+	3	6	TTG	TAG	0	0	
mORF_+_4502965	4502965	4503078	+	1	114	TTG	TGA	0	0	
mORF_+_4503021	4503021	4503029	+	3	9	TTG	TAA	0	0	
mORF_+_4503048	4503048	4503098	+	3	51	TTG	TAA	0	0	
mORF_+_4503186	4503186	4503194	+	3	9	ATG	TAG	0	0	
mORF_+_4503195	4503195	4503239	+	3	45	GTG	TAA	0	0	
mORF_+_4503249	4503249	4503317	+	3	69	TTG	TAA	0	0	
mORF_+_4503295	4503295	4504428	+	1	1134	ATG	TAA	4	9	pORF_+_4503295
mORF_+_4503299	4503299	4503313	+	2	15	TTG	TGA	0	0	
mORF_+_4503320	4503320	4503358	+	2	39	ATG	TAG	0	0	
mORF_+_4503377	4503377	4503475	+	2	99	ATG	TAG	0	0	
mORF_+_4503396	4503396	4503413	+	3	18	ATG	TGA	0	0	
mORF_+_4503444	4503444	4503485	+	3	42	GTG	TAA	0	0	
mORF_+_4503495	4503495	4503530	+	3	36	TTG	TAA	0	0	
mORF_+_4503566	4503566	4503595	+	2	30	ATG	TAA	0	0	
mORF_+_4503573	4503573	4503578	+	3	6	TTG	TGA	0	0	
mORF_+_4503599	4503599	4503646	+	2	48	ATG	TGA	0	0	
mORF_+_4503606	4503606	4503632	+	3	27	TTG	TAA	0	0	
mORF_+_4503680	4503680	4503706	+	2	27	ATG	TAA	0	0	
mORF_+_4503716	4503716	4503799	+	2	84	GTG	TGA	0	0	
mORF_+_4503738	4503738	4503749	+	3	12	ATG	TAA	0	0	
mORF_+_4503812	4503812	4503844	+	2	33	GTG	TAG	0	0	
mORF_+_4503846	4503846	4503935	+	3	90	TTG	TGA	0	0	
mORF_+_4503848	4503848	4503892	+	2	45	GTG	TGA	0	0	

mORF_+_4503893	4503893	4503955	+	2	63	TTG	TGA	0	0
mORF_+_4503993	4503993	4504010	+	3	18	GTG	TAA	0	0
mORF_+_4504001	4504001	4504168	+	2	168	GTG	TGA	0	0
mORF_+_4504181	4504181	4504192	+	2	12	ATG	TAG	0	0
mORF_+_4504196	4504196	4504240	+	2	45	ATG	TAA	0	0
mORF_+_4504224	4504224	4504268	+	3	45	ATG	TAA	0	0
mORF_+_4504277	4504277	4504390	+	2	114	GTG	TGA	0	0
mORF_+_4504397	4504397	4504423	+	2	27	GTG	TAA	0	0
mORF_+_4504443	4504443	4504451	+	3	9	TTG	TAA	0	0
mORF_+_4504467	4504467	4504496	+	3	30	ATG	TAA	0	0
mORF_+_4504471	4504471	4504596	+	1	126	ATG	TAA	0	0
mORF_+_4504568	4504568	4504639	+	2	72	GTG	TAG	0	0
mORF_+_4504676	4504676	4504705	+	2	30	ATG	TAG	0	0
mORF_+_4504734	4504734	4504769	+	3	36	GTG	TAA	0	0
mORF_+_4504753	4504753	4504806	+	1	54	GTG	TAA	0	0
mORF_+_4504826	4504826	4504897	+	2	72	TTG	TGA	0	0
mORF_+_4504852	4504852	4504902	+	1	51	GTG	TGA	0	0
mORF_+_4504884	4504884	4505132	+	3	249	TTG	TAA	0	0
mORF_+_4504906	4504906	4504971	+	1	66	TTG	TGA	0	0
mORF_+_4505017	4505017	4505100	+	1	84	TTG	TGA	0	0
mORF_+_4505152	4505152	4505163	+	1	12	GTG	TGA	0	0
mORF_+_4505166	4505166	4505177	+	3	12	TTG	TGA	0	0
mORF_+_4505184	4505184	4505486	+	3	303	GTG	TAG	0	0
mORF_+_4505189	4505189	4505251	+	2	63	ATG	TAA	0	0
mORF_+_4505212	4505212	4505223	+	1	12	GTG	TGA	0	0
mORF_+_4505272	4505272	4505337	+	1	66	TTG	TGA	0	0
mORF_+_4505342	4505342	4505362	+	2	21	ATG	TGA	0	0
mORF_+_4505359	4505359	4505400	+	1	42	GTG	TAA	0	0
mORF_+_4505449	4505449	4505472	+	1	24	TTG	TAA	0	0
mORF_+_4505500	4505500	4505538	+	1	39	ATG	TGA	0	0
mORF_+_4505535	4505535	4505573	+	3	39	TTG	TGA	0	0
mORF_+_4505545	4505545	4505628	+	1	84	GTG	TAG	0	0
mORF_+_4505594	4505594	4505647	+	2	54	ATG	TAG	0	0
mORF_+_4505653	4505653	4505712	+	1	60	TTG	TAA	0	0
mORF_+_4505655	4505655	4505690	+	3	36	GTG	TGA	0	0
mORF_+_4505718	4505718	4505825	+	3	108	GTG	TGA	0	0
mORF_+_4505738	4505738	4505776	+	2	39	ATG	TGA	0	0
mORF_+_4505767	4505767	4505784	+	1	18	ATG	TGA	0	0
mORF_+_4505844	4505844	4505873	+	3	30	TTG	TAA	0	0
mORF_+_4505875	4505875	4506012	+	1	138	GTG	TAA	0	0
mORF_+_4505895	4505895	4505906	+	3	12	GTG	TGA	0	0
mORF_+_4505903	4505903	4505923	+	2	21	ATG	TGA	0	0
mORF_+_4505942	4505942	4505950	+	2	9	ATG	TAG	0	0
mORF_+_4505984	4505984	4506100	+	2	117	GTG	TAG	0	0
mORF_+_4506006	4506006	4506041	+	3	36	ATG	TGA	0	0
mORF_+_4506136	4506136	4506315	+	1	180	TTG	TAG	0	0
mORF_+_4506164	4506164	4506187	+	2	24	TTG	TAA	0	0
mORF_+_4506200	4506200	4506256	+	2	57	TTG	TAA	0	0
mORF_+_4506260	4506260	4506271	+	2	12	TTG	TAA	0	0
mORF_+_4506300	4506300	4506332	+	3	33	TTG	TAA	0	0
mORF_+_4506364	4506364	4506399	+	1	36	GTG	TAG	0	0
mORF_+_4506411	4506411	4506470	+	3	60	ATG	TGA	0	0
mORF_+_4506460	4506460	4506525	+	1	66	GTG	TAG	0	0
mORF_+_4506467	4506467	4506520	+	2	54	GTG	TAA	0	0
mORF_+_4506501	4506501	4506695	+	3	195	ATG	TGA	0	0
mORF_+_4506544	4506544	4506573	+	1	30	TTG	TGA	0	0
mORF_+_4506628	4506628	4506675	+	1	48	ATG	TAA	0	0
mORF_+_4506662	4506662	4506832	+	2	171	ATG	TAA	0	0
mORF_+_4506679	4506679	4506687	+	1	9	TTG	TGA	0	0
mORF_+_4506759	4506759	4506845	+	3	87	TTG	TAA	0	0
mORF_+_4506790	4506790	4506897	+	1	108	GTG	TGA	0	0
mORF_+_4506894	4506894	4506971	+	3	78	TTG	TAG	0	0
mORF_+_4506928	4506928	4506945	+	1	18	TTG	TAA	0	0

mORF_+_4506981	4506981	4507577	+	3	597	ATG	TGA	0	0
mORF_+_4507004	4507004	4507045	+	2	42	GTG	TGA	0	0
mORF_+_4507087	4507087	4507194	+	1	108	TTG	TGA	0	0
mORF_+_4507243	4507243	4507299	+	1	57	GTG	TGA	0	0
mORF_+_4507316	4507316	4507327	+	2	12	GTG	TGA	0	0
mORF_+_4507324	4507324	4507332	+	1	9	GTG	TGA	0	0
mORF_+_4507372	4507372	4507446	+	1	75	TTG	TGA	0	0
mORF_+_4507463	4507463	4507480	+	2	18	ATG	TAA	0	0
mORF_+_4507474	4507474	4507494	+	1	21	GTG	TGA	0	0
mORF_+_4507549	4507549	4507602	+	1	54	GTG	TAA	0	0
mORF_+_4507574	4507574	4507816	+	2	243	ATG	TGA	0	0
mORF_+_4507584	4507584	4507634	+	3	51	GTG	TGA	0	0
mORF_+_4507642	4507642	4507743	+	1	102	ATG	TAA	0	0
mORF_+_4507662	4507662	4507667	+	3	6	ATG	TAA	0	0
mORF_+_4507677	4507677	4507694	+	3	18	ATG	TAA	0	0
mORF_+_4507707	4507707	4507727	+	3	21	TTG	TAA	0	0
mORF_+_4507743	4507743	4508156	+	3	414	ATG	TAA	0	0
mORF_+_4507813	4507813	4507866	+	1	54	TTG	TAG	0	0
mORF_+_4507912	4507912	4508175	+	1	264	ATG	TAA	0	0
mORF_+_4507958	4507958	4507996	+	2	39	ATG	TGA	0	0
mORF_+_4508168	4508168	4508194	+	2	27	GTG	TAA	0	0
mORF_+_4508228	4508228	4508290	+	2	63	ATG	TGA	0	0
mORF_+_4508260	4508260	4508328	+	1	69	ATG	TAA	0	0
mORF_+_4508280	4508280	4508297	+	3	18	TTG	TGA	0	0
mORF_+_4508294	4508294	4508344	+	2	51	TTG	TGA	0	0
mORF_+_4508322	4508322	4508396	+	3	75	TTG	TAA	0	0
mORF_+_4508341	4508341	4508427	+	1	87	GTG	TAA	0	0
mORF_+_4508345	4508345	4508377	+	2	33	ATG	TGA	0	0
mORF_+_4508405	4508405	4508458	+	2	54	ATG	TAA	0	0
mORF_+_4508472	4508472	4508582	+	3	111	ATG	TAA	0	0
mORF_+_4508500	4508500	4508508	+	1	9	TTG	TGA	0	0
mORF_+_4508554	4508554	4508562	+	1	9	TTG	TGA	0	0
mORF_+_4508592	4508592	4508612	+	3	21	ATG	TAA	0	0
mORF_+_4508599	4508599	4508724	+	1	126	ATG	TAG	0	0
mORF_+_4508606	4508606	4508863	+	2	258	TTG	TGA	0	0
mORF_+_4508655	4508655	4508777	+	3	123	TTG	TGA	0	0
mORF_+_4508755	4508755	4509000	+	1	246	GTG	TAA	0	0
mORF_+_4508817	4508817	4508834	+	3	18	GTG	TAA	0	0
mORF_+_4508844	4508844	4508879	+	3	36	TTG	TAG	0	0
mORF_+_4508966	4508966	4508980	+	2	15	TTG	TAG	0	0
mORF_+_4508981	4508981	4509055	+	2	75	GTG	TGA	0	0
mORF_+_4508985	4508985	4509098	+	3	114	TTG	TGA	0	0
mORF_+_4509091	4509091	4509165	+	1	75	ATG	TGA	0	0
mORF_+_4509095	4509095	4509235	+	2	141	TTG	TGA	0	0
mORF_+_4509129	4509129	4509209	+	3	81	GTG	TGA	0	0
mORF_+_4509226	4509226	4509273	+	1	48	ATG	TGA	0	0
mORF_+_4509270	4509270	4509374	+	3	105	ATG	TAG	0	0
mORF_+_4509284	4509284	4509448	+	2	165	ATG	TAA	0	0
mORF_+_4509402	4509402	4509428	+	3	27	TTG	TAA	0	0
mORF_+_4509527	4509527	4509568	+	2	42	ATG	TGA	0	0
mORF_+_4509558	4509558	4509572	+	3	15	GTG	TAA	0	0
mORF_+_4509565	4509565	4509747	+	1	183	ATG	TAG	0	0
mORF_+_4509656	4509656	4509976	+	2	321	GTG	TAA	0	0
mORF_+_4509729	4509729	4510019	+	3	291	ATG	TGA	0	0
mORF_+_4509769	4509769	4509864	+	1	96	ATG	TAA	0	0
mORF_+_4510016	4510016	4510306	+	2	291	GTG	TAA	0	0
mORF_+_4510039	4510039	4510125	+	1	87	GTG	TGA	0	0
mORF_+_4510047	4510047	4510133	+	3	87	TTG	TAA	0	0
mORF_+_4510168	4510168	4510194	+	1	27	ATG	TGA	0	0
mORF_+_4510191	4510191	4510412	+	3	222	GTG	TGA	0	0
mORF_+_4510309	4510309	4510380	+	1	72	ATG	TGA	0	0
mORF_+_4510409	4510409	4510648	+	2	240	GTG	TAA	0	0
mORF_+_4510558	4510558	4510599	+	1	42	GTG	TGA	0	0

mORF_+_4510626	4510626	4510700	+	3	75	ATG	TAA	0	0
mORF_+_4510705	4510705	4510785	+	1	81	TTG	TGA	0	0
mORF_+_4510746	4510746	4511069	+	3	324	ATG	TGA	0	0
mORF_+_4510816	4510816	4510887	+	1	72	GTG	TAA	0	0
mORF_+_4510891	4510891	4510899	+	1	9	ATG	TAA	0	0
mORF_+_4510924	4510924	4511001	+	1	78	GTG	TGA	0	0
mORF_+_4511023	4511023	4511079	+	1	57	ATG	TAG	0	0
mORF_+_4511054	4511054	4511065	+	2	12	ATG	TGA	0	0
mORF_+_4511066	4511066	4511113	+	2	48	ATG	TAA	0	0
mORF_+_4511143	4511143	4511349	+	1	207	ATG	TAG	0	0
mORF_+_4511153	4511153	4511374	+	2	222	GTG	TAA	0	0
mORF_+_4511175	4511175	4511282	+	3	108	GTG	TAG	0	0
mORF_+_4511292	4511292	4511453	+	3	162	GTG	TGA	0	0
mORF_+_4511381	4511381	4511569	+	2	189	GTG	TAA	0	0
mORF_+_4511472	4511472	4511624	+	3	153	GTG	TAG	0	0
mORF_+_4511588	4511588	4511788	+	2	201	TTG	TGA	0	0
mORF_+_4511649	4511649	4511759	+	3	111	TTG	TGA	0	0
mORF_+_4511769	4511769	4511936	+	3	168	TTG	TAG	0	0
mORF_+_4511785	4511785	4511907	+	1	123	GTG	TGA	0	0
mORF_+_4511852	4511852	4512427	+	2	576	ATG	TAG	0	0
mORF_+_4511943	4511943	4511993	+	3	51	TTG	TAA	0	0
mORF_+_4512021	4512021	4512260	+	3	240	ATG	TGA	0	0
mORF_+_4512130	4512130	4512165	+	1	36	TTG	TGA	0	0
mORF_+_4512220	4512220	4512240	+	1	21	GTG	TAA	0	0
mORF_+_4512264	4512264	4512371	+	3	108	GTG	TAA	0	0
mORF_+_4512322	4512322	4512333	+	1	12	ATG	TAA	0	0
mORF_+_4512428	4512428	4512451	+	2	24	ATG	TAA	0	0
mORF_+_4512458	4512458	4512466	+	2	9	ATG	TAG	0	0
mORF_+_4512479	4512479	4512679	+	2	201	ATG	TAG	0	0
mORF_+_4512495	4512495	4512560	+	3	66	ATG	TGA	0	0
mORF_+_4512692	4512692	4512733	+	2	42	GTG	TAG	0	0
mORF_+_4512700	4512700	4512813	+	1	114	ATG	TAG	0	0
mORF_+_4512714	4512714	4512878	+	3	165	ATG	TGA	0	0
mORF_+_4512734	4512734	4512775	+	2	42	GTG	TAG	0	0
mORF_+_4512785	4512785	4512829	+	2	45	ATG	TAA	0	0
mORF_+_4512853	4512853	4513185	+	1	333	ATG	TGA	0	0
mORF_+_4512863	4512863	4512910	+	2	48	TTG	TGA	0	0
mORF_+_4512911	4512911	4512967	+	2	57	TTG	TAG	0	0
mORF_+_4513010	4513010	4513081	+	2	72	TTG	TAA	0	0
mORF_+_4513074	4513074	4513166	+	3	93	TTG	TGA	0	0
mORF_+_4513157	4513157	4513297	+	2	141	GTG	TAA	0	0
mORF_+_4513182	4513182	4513217	+	3	36	ATG	TGA	0	0
mORF_+_4513192	4513192	4513305	+	1	114	ATG	TGA	0	0
mORF_+_4513302	4513302	4513418	+	3	117	TTG	TAA	0	0
mORF_+_4513331	4513331	4513342	+	2	12	GTG	TAG	0	0
mORF_+_4513354	4513354	4513362	+	1	9	ATG	TGA	0	0
mORF_+_4513396	4513396	4513890	+	1	495	GTG	TGA	0	0
mORF_+_4513434	4513434	4513478	+	3	45	GTG	TGA	0	0
mORF_+_4513475	4513475	4513501	+	2	27	GTG	TAG	0	0
mORF_+_4513520	4513520	4513525	+	2	6	GTG	TAG	0	0
mORF_+_4513535	4513535	4513573	+	2	39	ATG	TAG	0	0
mORF_+_4513589	4513589	4513648	+	2	60	TTG	TAA	0	0
mORF_+_4513673	4513673	4513693	+	2	21	ATG	TAA	0	0
mORF_+_4513709	4513709	4513813	+	2	105	TTG	TAG	0	0
mORF_+_4513823	4513823	4513909	+	2	87	GTG	TGA	0	0
mORF_+_4513887	4513887	4513904	+	3	18	GTG	TGA	0	0
mORF_+_4513946	4513946	4513996	+	2	51	ATG	TAA	0	0
mORF_+_4514027	4514027	4514077	+	2	51	ATG	TGA	0	0
mORF_+_4514061	4514061	4514213	+	3	153	GTG	TGA	0	0
mORF_+_4514102	4514102	4514473	+	2	372	ATG	TAA	0	0
mORF_+_4514179	4514179	4514691	+	1	513	GTG	TAA	0	0
mORF_+_4514250	4514250	4514534	+	3	285	TTG	TAA	0	0
mORF_+_4514489	4514489	4514557	+	2	69	TTG	TGA	0	0

mORF_+_4514544	4514544	4514561	+	3	18	GTG	TGA	0	0
mORF_+_4514558	4514558	4514821	+	2	264	TTG	TAA	0	0
mORF_+_4514583	4514583	4514594	+	3	12	GTG	TAA	0	0
mORF_+_4514598	4514598	4514660	+	3	63	GTG	TAA	0	0
mORF_+_4514667	4514667	4514738	+	3	72	GTG	TGA	0	0
mORF_+_4514725	4514725	4514829	+	1	105	GTG	TGA	0	0
mORF_+_4514847	4514847	4514960	+	3	114	TTG	TAG	0	0
mORF_+_4514944	4514944	4514952	+	1	9	TTG	TAA	0	0
mORF_+_4514962	4514962	4515222	+	1	261	GTG	TGA	0	0
mORF_+_4515020	4515020	4515070	+	2	51	TTG	TGA	0	0
mORF_+_4515105	4515105	4515203	+	3	99	TTG	TAA	0	0
mORF_+_4515246	4515246	4515485	+	3	240	TTG	TAA	0	0
mORF_+_4515271	4515271	4515309	+	1	39	ATG	TGA	0	0
mORF_+_4515352	4515352	4515381	+	1	30	GTG	TGA	0	0
mORF_+_4515391	4515391	4515411	+	1	21	GTG	TAA	0	0
mORF_+_4515498	4515498	4515674	+	3	177	GTG	TAG	0	0
mORF_+_4515508	4515508	4515612	+	1	105	GTG	TGA	0	0
mORF_+_4515650	4515650	4515658	+	2	9	GTG	TGA	0	0
mORF_+_4515687	4515687	4515698	+	3	12	GTG	TGA	0	0
mORF_+_4515770	4515770	4515898	+	2	129	GTG	TAG	0	0
mORF_+_4515810	4515810	4516199	+	3	390	ATG	TGA	0	0
mORF_+_4515844	4515844	4515984	+	1	141	ATG	TAA	0	0
mORF_+_4515923	4515923	4515928	+	2	6	TTG	TAG	0	0
mORF_+_4515938	4515938	4515961	+	2	24	TTG	TGA	0	0
mORF_+_4516196	4516196	4516228	+	2	33	GTG	TAA	0	0
mORF_+_4516201	4516201	4516242	+	1	42	GTG	TAG	0	0
mORF_+_4516203	4516203	4516211	+	3	9	GTG	TAA	0	0
mORF_+_4516236	4516236	4516304	+	3	69	GTG	TGA	0	0
mORF_+_4516264	4516264	4516290	+	1	27	GTG	TAG	0	0
mORF_+_4516301	4516301	4516357	+	2	57	ATG	TAA	0	0
mORF_+_4516323	4516323	4516373	+	3	51	TTG	TAA	0	0
mORF_+_4516374	4516374	4516382	+	3	9	GTG	TAA	0	0
mORF_+_4516395	4516395	4516463	+	3	69	ATG	TGA	0	0
mORF_+_4516400	4516400	4516444	+	2	45	ATG	TGA	0	0
mORF_+_4516420	4516420	4516437	+	1	18	ATG	TGA	0	0
mORF_+_4516441	4516441	4516521	+	1	81	ATG	TAG	0	0
mORF_+_4516460	4516460	4516480	+	2	21	TTG	TAA	0	0
mORF_+_4516484	4516484	4516516	+	2	33	ATG	TGA	0	0
mORF_+_4516521	4516521	4516733	+	3	213	GTG	TGA	0	0
mORF_+_4516525	4516525	4516593	+	1	69	ATG	TGA	0	0
mORF_+_4516550	4516550	4516825	+	2	276	GTG	TAA	0	0
mORF_+_4516651	4516651	4516659	+	1	9	TTG	TAA	0	0
mORF_+_4516663	4516663	4516704	+	1	42	ATG	TAA	0	0
mORF_+_4516734	4516734	4516802	+	3	69	ATG	TAA	0	0
mORF_+_4516744	4516744	4517037	+	1	294	ATG	TAG	0	0
mORF_+_4516847	4516847	4516855	+	2	9	GTG	TGA	0	0
mORF_+_4516856	4516856	4517005	+	2	150	TTG	TGA	0	0
mORF_+_4516881	4516881	4516901	+	3	21	GTG	TAA	0	0
mORF_+_4517021	4517021	4517041	+	2	21	TTG	TGA	0	0
mORF_+_4517038	4517038	4517247	+	1	210	ATG	TAA	0	0
mORF_+_4517045	4517045	4517074	+	2	30	ATG	TGA	0	0
mORF_+_4517117	4517117	4517134	+	2	18	TTG	TGA	0	0
mORF_+_4517201	4517201	4517227	+	2	27	ATG	TGA	0	0
mORF_+_4517249	4517249	4517320	+	2	72	TTG	TAA	0	0
mORF_+_4517283	4517283	4517372	+	3	90	TTG	TAA	0	0
mORF_+_4517366	4517366	4517425	+	2	60	GTG	TGA	0	0
mORF_+_4517422	4517422	4517463	+	1	42	GTG	TAG	0	0
mORF_+_4517453	4517453	4517524	+	2	72	TTG	TGA	0	0
mORF_+_4517572	4517572	4517580	+	1	9	TTG	TAG	0	0
mORF_+_4517593	4517593	4517832	+	1	240	ATG	TAG	0	0
mORF_+_4517780	4517780	4517857	+	2	78	TTG	TGA	0	0
mORF_+_4517799	4517799	4517822	+	3	24	GTG	TGA	0	0
mORF_+_4517838	4517838	4517846	+	3	9	TTG	TGA	0	0

mORF_+_4517854	4517854	4517874	+	1	21	ATG	TGA	0	0	
mORF_+_4517876	4517876	4517902	+	2	27	ATG	TAA	0	0	
mORF_+_4517881	4517881	4517949	+	1	69	ATG	TGA	0	0	
mORF_+_4517918	4517918	4518094	+	2	177	ATG	TGA	0	0	
mORF_+_4517949	4517949	4518029	+	3	81	ATG	TGA	0	0	
mORF_+_4518013	4518013	4518177	+	1	165	ATG	TGA	0	0	
mORF_+_4518072	4518072	4518410	+	3	339	ATG	TGA	1	3	pORF_+_4518072
mORF_+_4518211	4518211	4518276	+	1	66	TTG	TGA	0	0	
mORF_+_4518287	4518287	4518316	+	2	30	ATG	TGA	0	0	
mORF_+_4518313	4518313	4518336	+	1	24	TTG	TGA	0	0	
mORF_+_4518329	4518329	4518388	+	2	60	TTG	TAA	0	0	
mORF_+_4518376	4518376	4518462	+	1	87	ATG	TGA	0	0	
mORF_+_4518407	4518407	4518484	+	2	78	TTG	TGA	0	0	
mORF_+_4518417	4518417	4518431	+	3	15	TTG	TGA	0	0	
mORF_+_4518459	4518459	4518467	+	3	9	ATG	TAA	0	0	
mORF_+_4518481	4518481	4518645	+	1	165	TTG	TAA	0	0	
mORF_+_4518525	4518525	4518599	+	3	75	ATG	TGA	0	0	
mORF_+_4518596	4518596	4518838	+	2	243	TTG	TGA	0	0	
mORF_+_4518649	4518649	4518699	+	1	51	ATG	TAA	0	0	
mORF_+_4518747	4518747	4518809	+	3	63	GTG	TAA	0	0	
mORF_+_4518835	4518835	4518957	+	1	123	GTG	TGA	0	0	
mORF_+_4518887	4518887	4519048	+	2	162	TTG	TGA	0	0	
mORF_+_4518912	4518912	4518920	+	3	9	ATG	TGA	0	0	
mORF_+_4518978	4518978	4519013	+	3	36	ATG	TAA	0	0	
mORF_+_4519064	4519064	4519192	+	2	129	ATG	TAG	0	0	
mORF_+_4519072	4519072	4519203	+	1	132	TTG	TAG	0	0	
mORF_+_4519080	4519080	4519100	+	3	21	ATG	TAA	0	0	
mORF_+_4519161	4519161	4519304	+	3	144	TTG	TGA	0	0	
mORF_+_4519217	4519217	4519258	+	2	42	ATG	TAA	0	0	
mORF_+_4519283	4519283	4519291	+	2	9	TTG	TGA	0	0	
mORF_+_4519288	4519288	4519641	+	1	354	ATG	TGA	0	0	
mORF_+_4519301	4519301	4519774	+	2	474	ATG	TAA	1	2	pORF_+_4519301
mORF_+_4519338	4519338	4519346	+	3	9	TTG	TGA	0	0	
mORF_+_4519491	4519491	4519508	+	3	18	TTG	TGA	0	0	
mORF_+_4519593	4519593	4519631	+	3	39	GTG	TAA	0	0	
mORF_+_4519638	4519638	4519664	+	3	27	GTG	TAG	0	0	
mORF_+_4519710	4519710	4519727	+	3	18	GTG	TAA	0	0	
mORF_+_4519781	4519781	4520254	+	2	474	ATG	TAG	0	0	
mORF_+_4519864	4519864	4519899	+	1	36	ATG	TGA	0	0	
mORF_+_4520037	4520037	4520045	+	3	9	GTG	TAA	0	0	
mORF_+_4520100	4520100	4520204	+	3	105	ATG	TAA	0	0	
mORF_+_4520218	4520218	4520379	+	1	162	ATG	TGA	0	0	
mORF_+_4520297	4520297	4520317	+	2	21	ATG	TAA	0	0	
mORF_+_4520348	4520348	4520422	+	2	75	TTG	TAA	0	0	
mORF_+_4520376	4520376	4520390	+	3	15	TTG	TGA	0	0	
mORF_+_4520430	4520430	4520582	+	3	153	GTG	TAG	0	0	
mORF_+_4520477	4520477	4520530	+	2	54	ATG	TAA	0	0	
mORF_+_4520515	4520515	4520526	+	1	12	GTG	TGA	0	0	
mORF_+_4520537	4520537	4520551	+	2	15	ATG	TGA	0	0	
mORF_+_4520548	4520548	4520574	+	1	27	ATG	TAA	0	0	
mORF_+_4520555	4520555	4520605	+	2	51	ATG	TGA	0	0	
mORF_+_4520622	4520622	4520669	+	3	48	ATG	TAA	0	0	
mORF_+_4520654	4520654	4520815	+	2	162	ATG	TGA	0	0	
mORF_+_4520751	4520751	4520882	+	3	132	ATG	TGA	0	0	
mORF_+_4520812	4520812	4520853	+	1	42	TTG	TGA	0	0	
mORF_+_4520837	4520837	4521178	+	2	342	TTG	TAA	0	0	
mORF_+_4520898	4520898	4520909	+	3	12	TTG	TGA	0	0	
mORF_+_4520952	4520952	4521059	+	3	108	GTG	TGA	0	0	
mORF_+_4521052	4521052	4521075	+	1	24	TTG	TAG	0	0	
mORF_+_4521105	4521105	4521158	+	3	54	TTG	TGA	0	0	
mORF_+_4521163	4521163	4521246	+	1	84	TTG	TGA	0	0	
mORF_+_4521171	4521171	4521275	+	3	105	ATG	TGA	0	0	
mORF_+_4521209	4521209	4521352	+	2	144	ATG	TGA	0	0	

mORF+_4521353	4521353	4521475	+	2	123	ATG	TAG	0	0
mORF+_4521355	4521355	4521651	+	1	297	GTG	TAA	0	0
mORF+_4521405	4521405	4521419	+	3	15	GTG	TGA	0	0
mORF+_4521489	4521489	4521749	+	3	261	TTG	TGA	0	0
mORF+_4521512	4521512	4521721	+	2	210	TTG	TAG	0	0
mORF+_4521700	4521700	4521810	+	1	111	ATG	TAA	0	0
mORF+_4521797	4521797	4521901	+	2	105	ATG	TAA	0	0
mORF+_4521801	4521801	4521851	+	3	51	TTG	TAA	0	0
mORF+_4521910	4521910	4521918	+	1	9	GTG	TGA	0	0
mORF+_4521975	4521975	4522076	+	3	102	ATG	TAA	0	0
mORF+_4522030	4522030	4522068	+	1	39	ATG	TGA	0	0
mORF+_4522058	4522058	4522156	+	2	99	GTG	TAA	0	0
mORF+_4522104	4522104	4522139	+	3	36	TTG	TAA	0	0
mORF+_4522141	4522141	4522290	+	1	150	ATG	TAA	0	0
mORF+_4522164	4522164	4522211	+	3	48	GTG	TAA	0	0
mORF+_4522178	4522178	4522258	+	2	81	TTG	TGA	0	0
mORF+_4522262	4522262	4522294	+	2	33	GTG	TAG	0	0
mORF+_4522302	4522302	4522307	+	3	6	TTG	TAG	0	0
mORF+_4522366	4522366	4522449	+	1	84	ATG	TGA	0	0
mORF+_4522446	4522446	4522601	+	3	156	ATG	TAA	0	0
mORF+_4522498	4522498	4522521	+	1	24	GTG	TGA	0	0
mORF+_4522534	4522534	4522608	+	1	75	ATG	TGA	0	0
mORF+_4522627	4522627	4522674	+	1	48	TTG	TAA	0	0
mORF+_4522691	4522691	4522720	+	2	30	GTG	TGA	0	0
mORF+_4522717	4522717	4522746	+	1	30	TTG	TAG	0	0
mORF+_4522749	4522749	4523189	+	3	441	TTG	TAA	0	0
mORF+_4522768	4522768	4522908	+	1	141	TTG	TAA	0	0
mORF+_4522853	4522853	4522885	+	2	33	GTG	TAA	0	0
mORF+_4522958	4522958	4523014	+	2	57	TTG	TAA	0	0
mORF+_4522993	4522993	4523055	+	1	63	GTG	TAA	0	0
mORF+_4523056	4523056	4523091	+	1	36	GTG	TGA	0	0
mORF+_4523095	4523095	4523148	+	1	54	TTG	TGA	0	0
mORF+_4523204	4523204	4523239	+	2	36	TTG	TAG	0	0
mORF+_4523241	4523241	4523318	+	3	78	TTG	TAA	0	0
mORF+_4523252	4523252	4523365	+	2	114	TTG	TAA	0	0
mORF+_4523284	4523284	4523289	+	1	6	TTG	TAA	0	0
mORF+_4523319	4523319	4523348	+	3	30	ATG	TGA	0	0
mORF+_4523332	4523332	4523343	+	1	12	ATG	TAA	0	0
mORF+_4523349	4523349	4523417	+	3	69	GTG	TAA	0	0
mORF+_4523419	4523419	4523601	+	1	183	ATG	TAA	0	0
mORF+_4523435	4523435	4523494	+	2	60	TTG	TAG	0	0
mORF+_4523504	4523504	4523527	+	2	24	ATG	TGA	0	0
mORF+_4523562	4523562	4523573	+	3	12	TTG	TAG	0	0
mORF+_4523637	4523637	4523663	+	3	27	GTG	TAA	0	0
mORF+_4523654	4523654	4523749	+	2	96	TTG	TAA	0	0
mORF+_4523751	4523751	4523828	+	3	78	TTG	TAA	0	0
mORF+_4523771	4523771	4523902	+	2	132	ATG	TGA	0	0
mORF+_4523773	4523773	4523781	+	1	9	GTG	TAA	0	0
mORF+_4523839	4523839	4523853	+	1	15	TTG	TAA	0	0
mORF+_4523854	4523854	4523979	+	1	126	ATG	TGA	0	0
mORF+_4523909	4523909	4523917	+	2	9	ATG	TGA	0	0
mORF+_4523922	4523922	4523927	+	3	6	ATG	TGA	0	0
mORF+_4523924	4523924	4523944	+	2	21	GTG	TGA	0	0
mORF+_4523948	4523948	4523992	+	2	45	ATG	TAG	0	0
mORF+_4523976	4523976	4524017	+	3	42	ATG	TAG	0	0
mORF+_4523993	4523993	4524103	+	2	111	ATG	TGA	0	0
mORF+_4523998	4523998	4524144	+	1	147	GTG	TGA	0	0
mORF+_4524021	4524021	4524035	+	3	15	GTG	TAG	0	0
mORF+_4524096	4524096	4524119	+	3	24	TTG	TGA	0	0
mORF+_4524116	4524116	4524190	+	2	75	ATG	TAG	0	0
mORF+_4524141	4524141	4524149	+	3	9	ATG	TAA	0	0
mORF+_4524214	4524214	4524279	+	1	66	ATG	TGA	0	0
mORF+_4524230	4524230	4524289	+	2	60	ATG	TGA	0	0

mORF_+_4524249	4524249	4524275	+	3	27	ATG	TGA	0	0
mORF_+_4524276	4524276	4524596	+	3	321	GTG	TGA	0	0
mORF_+_4524286	4524286	4524312	+	1	27	ATG	TGA	0	0
mORF_+_4524320	4524320	4524358	+	2	39	GTG	TGA	0	0
mORF_+_4524343	4524343	4524459	+	1	117	ATG	TAA	0	0
mORF_+_4524484	4524484	4524489	+	1	6	ATG	TAA	0	0
mORF_+_4524520	4524520	4524747	+	1	228	TTG	TGA	0	0
mORF_+_4524593	4524593	4524631	+	2	39	TTG	TGA	0	0
mORF_+_4524635	4524635	4524775	+	2	141	TTG	TGA	0	0
mORF_+_4524675	4524675	4525046	+	3	372	TTG	TAA	0	0
mORF_+_4524757	4524757	4524816	+	1	60	ATG	TAG	0	0
mORF_+_4524829	4524829	4524852	+	1	24	ATG	TGA	0	0
mORF_+_4524839	4524839	4524886	+	2	48	GTG	TGA	0	0
mORF_+_4524883	4524883	4524951	+	1	69	TTG	TAA	0	0
mORF_+_4524935	4524935	4524946	+	2	12	GTG	TGA	0	0
mORF_+_4525000	4525000	4525266	+	1	267	ATG	TAA	0	0
mORF_+_4525085	4525085	4525282	+	2	198	GTG	TAG	0	0
mORF_+_4525212	4525212	4525223	+	3	12	TTG	TAA	0	0
mORF_+_4525239	4525239	4525322	+	3	84	GTG	TGA	0	0
mORF_+_4525297	4525297	4525575	+	1	279	ATG	TAA	0	0
mORF_+_4525350	4525350	4525367	+	3	18	GTG	TGA	0	0
mORF_+_4525364	4525364	4525372	+	2	9	ATG	TGA	0	0
mORF_+_4525433	4525433	4525519	+	2	87	ATG	TAG	0	0
mORF_+_4525497	4525497	4525562	+	3	66	ATG	TAA	0	0
mORF_+_4525595	4525595	4525651	+	2	57	GTG	TAA	0	0
mORF_+_4525606	4525606	4525668	+	1	63	GTG	TGA	0	0
mORF_+_4525635	4525635	4525766	+	3	132	TTG	TAG	0	0
mORF_+_4525669	4525669	4525785	+	1	117	ATG	TGA	0	0
mORF_+_4525682	4525682	4525705	+	2	24	GTG	TGA	0	0
mORF_+_4525793	4525793	4525864	+	2	72	TTG	TAA	0	0
mORF_+_4525800	4525800	4526042	+	3	243	TTG	TAG	0	0
mORF_+_4525876	4525876	4525893	+	1	18	ATG	TAG	0	0
mORF_+_4525895	4525895	4525990	+	2	96	ATG	TAA	0	0
mORF_+_4525930	4525930	4525950	+	1	21	GTG	TGA	0	0
mORF_+_4525960	4525960	4526013	+	1	54	GTG	TGA	0	0
mORF_+_4526018	4526018	4526113	+	2	96	ATG	TAA	0	0
mORF_+_4526061	4526061	4526165	+	3	105	TTG	TAA	0	0
mORF_+_4526101	4526101	4526337	+	1	237	TTG	TAA	0	0
mORF_+_4526195	4526195	4526515	+	2	321	TTG	TGA	0	0
mORF_+_4526226	4526226	4526255	+	3	30	TTG	TGA	0	0
mORF_+_4526395	4526395	4526628	+	1	234	ATG	TGA	0	0
mORF_+_4526522	4526522	4526569	+	2	48	ATG	TAG	0	0
mORF_+_4526625	4526625	4526696	+	3	72	ATG	TGA	0	0
mORF_+_4526666	4526666	4526743	+	2	78	ATG	TAG	0	0
mORF_+_4526686	4526686	4526883	+	1	198	TTG	TAG	0	0
mORF_+_4526700	4526700	4526738	+	3	39	GTG	TGA	0	0
mORF_+_4526759	4526759	4527151	+	2	393	TTG	TAA	0	0
mORF_+_4526874	4526874	4526900	+	3	27	ATG	TGA	0	0
mORF_+_4526884	4526884	4526943	+	1	60	ATG	TGA	0	0
mORF_+_4526940	4526940	4527029	+	3	90	TTG	TAA	0	0
mORF_+_4527094	4527094	4527291	+	1	198	TTG	TAA	0	0
mORF_+_4527164	4527164	4527628	+	2	465	GTG	TAG	0	0
mORF_+_4527264	4527264	4527332	+	3	69	GTG	TAA	0	0
mORF_+_4527366	4527366	4527422	+	3	57	TTG	TGA	0	0
mORF_+_4527370	4527370	4527702	+	1	333	ATG	TAG	0	0
mORF_+_4527444	4527444	4527512	+	3	69	TTG	TGA	0	0
mORF_+_4527513	4527513	4527527	+	3	15	TTG	TAA	0	0
mORF_+_4527656	4527656	4527688	+	2	33	TTG	TAG	0	0
mORF_+_4527736	4527736	4527807	+	1	72	TTG	TAA	0	0
mORF_+_4527767	4527767	4527847	+	2	81	ATG	TAA	0	0
mORF_+_4527783	4527783	4527866	+	3	84	TTG	TAA	0	0
mORF_+_4527820	4527820	4528059	+	1	240	ATG	TAG	0	0
mORF_+_4527887	4527887	4527895	+	2	9	ATG	TAG	0	0

mORF_+_4527905	4527905	4527910	+	2	6	TTG	TAA	0	0	
mORF_+_4527929	4527929	4528009	+	2	81	TTG	TAA	0	0	
mORF_+_4528082	4528082	4528258	+	2	177	TTG	TAA	0	0	
mORF_+_4528268	4528268	4528300	+	2	33	ATG	TGA	0	0	
mORF_+_4528281	4528281	4528289	+	3	9	TTG	TAA	0	0	
mORF_+_4528297	4528297	4528371	+	1	75	TTG	TAA	0	0	
mORF_+_4528302	4528302	4528313	+	3	12	TTG	TAA	0	0	
mORF_+_4528378	4528378	4528578	+	1	201	TTG	TAG	0	0	
mORF_+_4528446	4528446	4528463	+	3	18	TTG	TGA	0	0	
mORF_+_4528488	4528488	4528514	+	3	27	TTG	TGA	0	0	
mORF_+_4528499	4528499	4528558	+	2	60	GTG	TAA	0	0	
mORF_+_4528562	4528562	4528585	+	2	24	ATG	TGA	0	0	
mORF_+_4528578	4528578	4528697	+	3	120	GTG	TAG	0	0	
mORF_+_4528604	4528604	4528615	+	2	12	ATG	TGA	0	0	
mORF_+_4528606	4528606	4528710	+	1	105	GTG	TAG	0	0	
mORF_+_4528688	4528688	4528858	+	2	171	ATG	TAA	1	2	pORF_+_4528688
mORF_+_4528800	4528800	4528886	+	3	87	ATG	TAG	0	0	
mORF_+_4528880	4528880	4528942	+	2	63	ATG	TAA	0	0	
mORF_+_4528896	4528896	4528913	+	3	18	GTG	TGA	0	0	
mORF_+_4528950	4528950	4529063	+	3	114	GTG	TAA	0	0	
mORF_+_4528960	4528960	4528968	+	1	9	ATG	TGA	0	0	
mORF_+_4529140	4529140	4529196	+	1	57	GTG	TGA	0	0	
mORF_+_4529174	4529174	4529284	+	2	111	TTG	TGA	0	0	
mORF_+_4529193	4529193	4529213	+	3	21	GTG	TGA	0	0	
mORF_+_4529214	4529214	4529318	+	3	105	ATG	TAG	0	0	
mORF_+_4529281	4529281	4529325	+	1	45	GTG	TAA	0	0	
mORF_+_4529312	4529312	4529425	+	2	114	GTG	TAA	0	0	
mORF_+_4529325	4529325	4529522	+	3	198	ATG	TAG	0	0	
mORF_+_4529474	4529474	4529620	+	2	147	ATG	TGA	0	0	
mORF_+_4529563	4529563	4529577	+	1	15	TTG	TGA	0	0	
mORF_+_4529589	4529589	4529711	+	3	123	ATG	TGA	0	0	
mORF_+_4529630	4529630	4529671	+	2	42	GTG	TGA	0	0	
mORF_+_4529668	4529668	4529676	+	1	9	ATG	TAG	0	0	
mORF_+_4529708	4529708	4529722	+	2	15	TTG	TAG	0	0	
mORF_+_4529742	4529742	4529747	+	3	6	TTG	TGA	0	0	
mORF_+_4529744	4529744	4529761	+	2	18	GTG	TGA	0	0	
mORF_+_4529758	4529758	4529811	+	1	54	GTG	TAA	0	0	
mORF_+_4529792	4529792	4529797	+	2	6	ATG	TGA	0	0	
mORF_+_4529825	4529825	4529830	+	2	6	TTG	TGA	0	0	
mORF_+_4529827	4529827	4529856	+	1	30	GTG	TGA	0	0	
mORF_+_4529853	4529853	4529894	+	3	42	GTG	TAA	0	0	
mORF_+_4529863	4529863	4529871	+	1	9	TTG	TAA	0	0	
mORF_+_4529911	4529911	4529982	+	1	72	TTG	TAG	0	0	
mORF_+_4529948	4529948	4529989	+	2	42	GTG	TAA	0	0	
mORF_+_4529989	4529989	4530027	+	1	39	ATG	TAA	0	0	
mORF_+_4529996	4529996	4530022	+	2	27	GTG	TAA	0	0	
mORF_+_4530097	4530097	4530192	+	1	96	ATG	TAA	0	0	
mORF_+_4530114	4530114	4530221	+	3	108	TTG	TGA	0	0	
mORF_+_4530218	4530218	4530259	+	2	42	TTG	TGA	0	0	
mORF_+_4530256	4530256	4530330	+	1	75	TTG	TGA	0	0	
mORF_+_4530273	4530273	4530395	+	3	123	GTG	TGA	0	0	
mORF_+_4530334	4530334	4530360	+	1	27	ATG	TGA	0	0	
mORF_+_4530379	4530379	4530540	+	1	162	ATG	TAG	0	0	
mORF_+_4530386	4530386	4530511	+	2	126	GTG	TAG	0	0	
mORF_+_4530474	4530474	4530551	+	3	78	GTG	TGA	0	0	
mORF_+_4530533	4530533	4530673	+	2	141	ATG	TAG	0	0	
mORF_+_4530612	4530612	4530734	+	3	123	TTG	TGA	0	0	
mORF_+_4530762	4530762	4530797	+	3	36	TTG	TAA	0	0	
mORF_+_4530800	4530800	4530916	+	2	117	ATG	TAA	0	0	
mORF_+_4530823	4530823	4530831	+	1	9	TTG	TAG	0	0	
mORF_+_4530867	4530867	4530938	+	3	72	ATG	TAA	0	0	
mORF_+_4530931	4530931	4531335	+	1	405	ATG	TGA	0	0	
mORF_+_4530981	4530981	4530995	+	3	15	TTG	TGA	0	0	

mORF_+_4530992	4530992	4531036	+	2	45	GTG	TGA	0	0
mORF_+_4531049	4531049	4531213	+	2	165	GTG	TAA	0	0
mORF_+_4531194	4531194	4531238	+	3	45	GTG	TAA	0	0
mORF_+_4531223	4531223	4531231	+	2	9	TTG	TAA	0	0
mORF_+_4531302	4531302	4531328	+	3	27	ATG	TGA	0	0
mORF_+_4531304	4531304	4531339	+	2	36	GTG	TGA	0	0
mORF_+_4531332	4531332	4531382	+	3	51	GTG	TAA	0	0
mORF_+_4531336	4531336	4531548	+	1	213	GTG	TGA	0	0
mORF_+_4531340	4531340	4531582	+	2	243	TTG	TGA	0	0
mORF_+_4531398	4531398	4531436	+	3	39	TTG	TAA	0	0
mORF_+_4531440	4531440	4531784	+	3	345	GTG	TGA	0	0
mORF_+_4531579	4531579	4531599	+	1	21	GTG	TGA	0	0
mORF_+_4531603	4531603	4531614	+	1	12	TTG	TAA	0	0
mORF_+_4531622	4531622	4531654	+	2	33	ATG	TAG	0	0
mORF_+_4531729	4531729	4531779	+	1	51	ATG	TGA	0	0
mORF_+_4531781	4531781	4531822	+	2	42	ATG	TAG	0	0
mORF_+_4531788	4531788	4531868	+	3	81	GTG	TGA	0	0
mORF_+_4531859	4531859	4531876	+	2	18	GTG	TAG	0	0
mORF_+_4531886	4531886	4531972	+	2	87	TTG	TAG	0	0
mORF_+_4531985	4531985	4532062	+	2	78	GTG	TGA	0	0
mORF_+_4532011	4532011	4532046	+	1	36	GTG	TAA	0	0
mORF_+_4532050	4532050	4532070	+	1	21	ATG	TAA	0	0
mORF_+_4532100	4532100	4532171	+	3	72	ATG	TGA	0	0
mORF_+_4532102	4532102	4532188	+	2	87	GTG	TGA	0	0
mORF_+_4532196	4532196	4532231	+	3	36	ATG	TGA	0	0
mORF_+_4532228	4532228	4532236	+	2	9	TTG	TGA	0	0
mORF_+_4532233	4532233	4532268	+	1	36	TTG	TAG	0	0
mORF_+_4532282	4532282	4532293	+	2	12	ATG	TAG	0	0
mORF_+_4532299	4532299	4532304	+	1	6	GTG	TGA	0	0
mORF_+_4532301	4532301	4532321	+	3	21	GTG	TGA	0	0
mORF_+_4532311	4532311	4532373	+	1	63	TTG	TGA	0	0
mORF_+_4532318	4532318	4532353	+	2	36	TTG	TGA	0	0
mORF_+_4532322	4532322	4532384	+	3	63	ATG	TGA	0	0
mORF_+_4532363	4532363	4532446	+	2	84	ATG	TAA	0	0
mORF_+_4532386	4532386	4532433	+	1	48	ATG	TAA	0	0
mORF_+_4532427	4532427	4532618	+	3	192	TTG	TAA	0	0
mORF_+_4532449	4532449	4532481	+	1	33	ATG	TGA	0	0
mORF_+_4532506	4532506	4532541	+	1	36	TTG	TGA	0	0
mORF_+_4532545	4532545	4532586	+	1	42	GTG	TAA	0	0
mORF_+_4532587	4532587	4532628	+	1	42	TTG	TGA	0	0
mORF_+_4532628	4532628	4532636	+	3	9	ATG	TAG	0	0
mORF_+_4532657	4532657	4532668	+	2	12	TTG	TAA	0	0
mORF_+_4532699	4532699	4532719	+	2	21	TTG	TGA	0	0
mORF_+_4532716	4532716	4532775	+	1	60	TTG	TAA	0	0
mORF_+_4532733	4532733	4532738	+	3	6	GTG	TAA	0	0
mORF_+_4532792	4532792	4532899	+	2	108	GTG	TGA	0	0
mORF_+_4532827	4532827	4532862	+	1	36	ATG	TAA	0	0
mORF_+_4532862	4532862	4533071	+	3	210	ATG	TGA	0	0
mORF_+_4532896	4532896	4533057	+	1	162	ATG	TGA	0	0
mORF_+_4532978	4532978	4532992	+	2	15	TTG	TAA	0	0
mORF_+_4533038	4533038	4534054	+	2	1017	ATG	TAA	0	0
mORF_+_4533078	4533078	4533119	+	3	42	ATG	TAG	0	0
mORF_+_4533124	4533124	4533141	+	1	18	ATG	TAA	0	0
mORF_+_4533144	4533144	4533152	+	3	9	ATG	TAG	0	0
mORF_+_4533183	4533183	4533197	+	3	15	TTG	TGA	0	0
mORF_+_4533219	4533219	4533281	+	3	63	ATG	TGA	0	0
mORF_+_4533324	4533324	4533557	+	3	234	TTG	TAA	0	0
mORF_+_4533588	4533588	4533617	+	3	30	ATG	TGA	0	0
mORF_+_4533627	4533627	4533650	+	3	24	TTG	TAA	0	0
mORF_+_4533664	4533664	4533738	+	1	75	TTG	TGA	0	0
mORF_+_4533735	4533735	4533752	+	3	18	TTG	TGA	0	0
mORF_+_4533777	4533777	4533818	+	3	42	ATG	TGA	0	0
mORF_+_4533819	4533819	4533893	+	3	75	ATG	TGA	0	0

mORF_+_4533894	4533894	4534004	+	3	111	TTG	TAA	0	0
mORF_+_4533913	4533913	4533930	+	1	18	GTG	TAA	0	0
mORF_+_4534008	4534008	4534016	+	3	9	ATG	TAA	0	0
mORF_+_4534026	4534026	4534085	+	3	60	ATG	TAG	0	0
mORF_+_4534055	4534055	4534060	+	2	6	ATG	TGA	0	0
mORF_+_4534057	4534057	4534074	+	1	18	GTG	TGA	0	0
mORF_+_4534105	4534105	4534221	+	1	117	ATG	TAG	0	0
mORF_+_4534161	4534161	4534172	+	3	12	TTG	TAA	0	0
mORF_+_4534190	4534190	4534246	+	2	57	ATG	TAA	0	0
mORF_+_4534212	4534212	4534262	+	3	51	GTG	TAA	0	0
mORF_+_4534234	4534234	4534251	+	1	18	ATG	TAA	0	0
mORF_+_4534268	4534268	4534324	+	2	57	TTG	TAA	0	0
mORF_+_4534349	4534349	4534384	+	2	36	GTG	TAA	0	0
mORF_+_4534363	4534363	4534443	+	1	81	GTG	TAA	0	0
mORF_+_4534388	4534388	4534393	+	2	6	GTG	TAG	0	0
mORF_+_4534394	4534394	4534456	+	2	63	ATG	TAA	0	0
mORF_+_4534480	4534480	4534569	+	1	90	ATG	TGA	0	0
mORF_+_4534485	4534485	4534553	+	3	69	GTG	TGA	0	0
mORF_+_4534502	4534502	4534627	+	2	126	TTG	TAA	0	0
mORF_+_4534566	4534566	4534598	+	3	33	TTG	TGA	0	0
mORF_+_4534576	4534576	4534623	+	1	48	TTG	TGA	0	0
mORF_+_4534620	4534620	4534718	+	2	99	ATG	TGA	0	0
mORF_+_4534663	4534663	4534689	+	1	27	TTG	TAA	0	0
mORF_+_4534715	4534715	4534753	+	2	39	ATG	TGA	0	0
mORF_+_4534729	4534729	4534857	+	1	129	GTG	TAA	0	0
mORF_+_4534779	4534779	4534880	+	3	102	GTG	TGA	0	0
mORF_+_4534832	4534832	4534867	+	2	36	TTG	TAA	0	0
mORF_+_4534877	4534877	4534999	+	2	123	TTG	TAG	0	0
mORF_+_4534884	4534884	4534892	+	3	9	TTG	TAA	0	0
mORF_+_4534935	4534935	4534982	+	3	48	GTG	TGA	0	0
mORF_+_4535024	4535024	4535047	+	2	24	ATG	TGA	0	0
mORF_+_4535044	4535044	4535148	+	1	105	GTG	TGA	0	0
mORF_+_4535081	4535081	4535152	+	2	72	TTG	TAA	0	0
mORF_+_4535106	4535106	4535360	+	3	255	TTG	TGA	0	0
mORF_+_4535195	4535195	4535218	+	2	24	ATG	TGA	0	0
mORF_+_4535221	4535221	4535244	+	1	24	ATG	TAA	0	0
mORF_+_4535317	4535317	4535433	+	1	117	GTG	TAA	0	0
mORF_+_4535324	4535324	4535488	+	2	165	ATG	TAA	0	0
mORF_+_4535433	4535433	4535447	+	3	15	ATG	TGA	0	0
mORF_+_4535449	4535449	4535496	+	1	48	ATG	TAA	0	0
mORF_+_4535489	4535489	4535530	+	2	42	TTG	TAA	0	0
mORF_+_4535530	4535530	4535562	+	2	33	ATG	TAG	0	0
mORF_+_4535553	4535553	4535567	+	3	15	ATG	TGA	0	0
mORF_+_4535608	4535608	4535649	+	1	42	TTG	TGA	0	0
mORF_+_4535633	4535633	4535641	+	2	9	TTG	TGA	0	0
mORF_+_4535646	4535646	4535729	+	3	84	TTG	TGA	0	0
mORF_+_4535695	4535695	4535808	+	1	114	GTG	TAG	0	0
mORF_+_4535795	4535795	4535944	+	2	150	ATG	TGA	0	0
mORF_+_4535817	4535817	4535825	+	3	9	TTG	TAA	0	0
mORF_+_4535853	4535853	4535882	+	3	30	ATG	TGA	0	0
mORF_+_4535872	4535872	4535907	+	1	36	GTG	TAG	0	0
mORF_+_4535898	4535898	4535936	+	3	39	ATG	TGA	0	0
mORF_+_4535941	4535941	4536189	+	1	249	TTG	TAA	0	0
mORF_+_4536014	4536014	4536061	+	2	48	GTG	TGA	0	0
mORF_+_4536195	4536195	4536206	+	3	12	TTG	TGA	0	0
mORF_+_4536200	4536200	4536235	+	2	36	GTG	TGA	0	0
mORF_+_4536232	4536232	4536243	+	1	12	TTG	TAA	0	0
mORF_+_4536256	4536256	4536267	+	1	12	TTG	TAG	0	0
mORF_+_4536267	4536267	4536296	+	3	30	GTG	TGA	0	0
mORF_+_4536274	4536274	4536330	+	1	57	TTG	TAG	0	0
mORF_+_4536293	4536293	4536316	+	2	24	TTG	TGA	0	0
mORF_+_4536334	4536334	4536369	+	1	36	TTG	TAA	0	0
mORF_+_4536373	4536373	4536486	+	1	114	TTG	TGA	0	0

mORF_+_4536381	4536381	4536590	+	3	210	GTG	TAA	0	0
mORF_+_4536505	4536505	4536561	+	1	57	TTG	TGA	0	0
mORF_+_4536545	4536545	4536703	+	2	159	ATG	TAA	0	0
mORF_+_4536610	4536610	4536666	+	1	57	TTG	TAG	0	0
mORF_+_4536670	4536670	4536822	+	1	153	GTG	TGA	0	0
mORF_+_4536704	4536704	4536760	+	2	57	ATG	TGA	0	0
mORF_+_4536776	4536776	4536793	+	2	18	TTG	TGA	0	0
mORF_+_4536819	4536819	4536914	+	3	96	ATG	TAA	0	0
mORF_+_4536830	4536830	4536838	+	2	9	ATG	TAA	0	0
mORF_+_4536866	4536866	4536871	+	2	6	TTG	TAA	0	0
mORF_+_4536902	4536902	4536982	+	2	81	ATG	TAG	0	0
mORF_+_4536928	4536928	4536939	+	1	12	ATG	TAG	0	0
mORF_+_4536945	4536945	4537031	+	3	87	ATG	TGA	0	0
mORF_+_4536970	4536970	4537008	+	1	39	ATG	TAG	0	0
mORF_+_4536998	4536998	4537051	+	2	54	TTG	TAA	0	0
mORF_+_4537015	4537015	4537104	+	1	90	TTG	TAA	0	0
mORF_+_4537052	4537052	4537075	+	2	24	GTG	TGA	0	0
mORF_+_4537108	4537108	4537230	+	1	123	TTG	TAA	0	0
mORF_+_4537145	4537145	4537192	+	2	48	ATG	TAG	0	0
mORF_+_4537164	4537164	4537220	+	3	57	TTG	TAA	0	0
mORF_+_4537205	4537205	4537255	+	2	51	GTG	TGA	0	0
mORF_+_4537252	4537252	4537470	+	1	219	TTG	TAA	0	0
mORF_+_4537298	4537298	4537330	+	2	33	TTG	TGA	0	0
mORF_+_4537302	4537302	4537391	+	3	90	GTG	TGA	0	0
mORF_+_4537331	4537331	4537411	+	2	81	ATG	TAG	0	0
mORF_+_4537449	4537449	4537514	+	3	66	GTG	TAG	0	0
mORF_+_4537538	4537538	4537543	+	2	6	TTG	TAG	0	0
mORF_+_4537587	4537587	4537619	+	3	33	ATG	TAG	0	0
mORF_+_4537592	4537592	4537597	+	2	6	GTG	TAA	0	0
mORF_+_4537619	4537619	4537663	+	2	45	GTG	TAA	0	0
mORF_+_4537656	4537656	4537703	+	3	48	TTG	TAA	0	0
mORF_+_4537672	4537672	4537728	+	1	57	GTG	TGA	0	0
mORF_+_4537746	4537746	4537757	+	3	12	ATG	TGA	0	0
mORF_+_4537754	4537754	4537762	+	2	9	TTG	TGA	0	0
mORF_+_4537759	4537759	4537812	+	1	54	TTG	TAA	0	0
mORF_+_4537763	4537763	4537891	+	2	129	ATG	TGA	0	0
mORF_+_4537819	4537819	4537857	+	1	39	ATG	TGA	0	0
mORF_+_4537893	4537893	4538042	+	3	150	GTG	TAA	0	0
mORF_+_4537900	4537900	4537908	+	1	9	TTG	TAG	0	0
mORF_+_4537910	4537910	4537933	+	2	24	TTG	TGA	0	0
mORF_+_4537930	4537930	4538097	+	1	168	TTG	TAA	0	0
mORF_+_4538055	4538055	4538060	+	3	6	ATG	TGA	0	0
mORF_+_4538057	4538057	4538146	+	2	90	GTG	TAA	0	0
mORF_+_4538116	4538116	4538130	+	1	15	TTG	TAA	0	0
mORF_+_4538159	4538159	4538215	+	2	57	TTG	TGA	0	0
mORF_+_4538193	4538193	4538261	+	3	69	GTG	TAA	0	0
mORF_+_4538230	4538230	4538319	+	1	90	ATG	TGA	0	0
mORF_+_4538237	4538237	4538275	+	2	39	ATG	TGA	0	0
mORF_+_4538316	4538316	4538369	+	3	54	ATG	TGA	0	0
mORF_+_4538333	4538333	4538365	+	2	33	TTG	TGA	0	0
mORF_+_4538356	4538356	4538418	+	1	63	ATG	TAG	0	0
mORF_+_4538366	4538366	4538380	+	2	15	TTG	TAA	0	0
mORF_+_4538387	4538387	4538422	+	2	36	GTG	TGA	0	0
mORF_+_4538419	4538419	4538511	+	1	93	ATG	TAA	0	0
mORF_+_4538468	4538468	4538473	+	2	6	ATG	TAA	0	0
mORF_+_4538481	4538481	4538489	+	3	9	ATG	TAA	0	0
mORF_+_4538535	4538535	4538576	+	3	42	ATG	TAG	0	0
mORF_+_4538582	4538582	4538632	+	2	51	TTG	TGA	0	0
mORF_+_4538584	4538584	4538604	+	1	21	GTG	TAA	0	0
mORF_+_4538607	4538607	4538696	+	3	90	ATG	TGA	0	0
mORF_+_4538614	4538614	4538619	+	1	6	ATG	TGA	0	0
mORF_+_4538629	4538629	4538643	+	1	15	TTG	TAA	0	0
mORF_+_4538647	4538647	4538667	+	1	21	TTG	TGA	0	0

mORF_+_4538674	4538674	4538703	+	1	30	TTG	TAG	0	0	
mORF_+_4538693	4538693	4538707	+	2	15	ATG	TAA	0	0	
mORF_+_4538714	4538714	4538722	+	2	9	TTG	TAA	0	0	
mORF_+_4538722	4538722	4538757	+	1	36	ATG	TGA	0	0	
mORF_+_4538754	4538754	4538768	+	3	15	TTG	TAA	0	0	
mORF_+_4538780	4538780	4538818	+	2	39	ATG	TAA	0	0	
mORF_+_4538790	4538790	4538822	+	3	33	ATG	TAA	0	0	
mORF_+_4538797	4538797	4538841	+	1	45	TTG	TAA	0	0	
mORF_+_4538826	4538826	4538936	+	3	111	TTG	TAA	0	0	
mORF_+_4538930	4538930	4538950	+	2	21	TTG	TAG	0	0	
mORF_+_4538950	4538950	4539582	+	1	633	GTG	TAG	1	2	pORF_+_4538950
mORF_+_4539026	4539026	4539091	+	2	66	GTG	TGA	0	0	
mORF_+_4539084	4539084	4539128	+	3	45	TTG	TGA	0	0	
mORF_+_4539110	4539110	4539142	+	2	33	ATG	TGA	0	0	
mORF_+_4539132	4539132	4539158	+	3	27	TTG	TGA	0	0	
mORF_+_4539155	4539155	4539193	+	2	39	TTG	TAA	0	0	
mORF_+_4539171	4539171	4539230	+	3	60	GTG	TAA	0	0	
mORF_+_4539281	4539281	4539448	+	2	168	ATG	TAG	0	0	
mORF_+_4539294	4539294	4539314	+	3	21	GTG	TAA	0	0	
mORF_+_4539417	4539417	4539548	+	3	132	GTG	TAG	0	0	
mORF_+_4539473	4539473	4539592	+	2	120	TTG	TGA	0	0	
mORF_+_4539589	4539589	4539612	+	2	24	TTG	TAA	0	0	
mORF_+_4539603	4539603	4539650	+	3	48	ATG	TAA	0	0	
mORF_+_4539643	4539643	4539708	+	1	66	ATG	TAA	0	0	
mORF_+_4539662	4539662	4539676	+	2	15	TTG	TAA	0	0	
mORF_+_4539677	4539677	4539682	+	2	6	GTG	TGA	0	0	
mORF_+_4539734	4539734	4539760	+	2	27	ATG	TAA	0	0	
mORF_+_4539741	4539741	4539776	+	3	36	ATG	TAA	0	0	
mORF_+_4539860	4539860	4539871	+	2	12	TTG	TGA	0	0	
mORF_+_4539868	4539868	4539933	+	1	66	TTG	TAA	0	0	
mORF_+_4539881	4539881	4539946	+	2	66	ATG	TGA	0	0	
mORF_+_4539891	4539891	4539908	+	2	18	ATG	TGA	0	0	
mORF_+_4539933	4539933	4539938	+	3	6	ATG	TAA	0	0	
mORF_+_4539939	4539939	4540007	+	3	69	TTG	TGA	0	0	
mORF_+_4539962	4539962	4540063	+	2	102	GTG	TGA	0	0	
mORF_+_4539964	4539964	4539993	+	1	30	GTG	TAA	0	0	
mORF_+_4540060	4540060	4540656	+	1	597	GTG	TGA	0	0	
mORF_+_4540116	4540116	4540187	+	3	72	TTG	TAG	0	0	
mORF_+_4540172	4540172	4540240	+	2	69	ATG	TAA	0	0	
mORF_+_4540289	4540289	4540450	+	2	162	TTG	TAA	0	0	
mORF_+_4540478	4540478	4540525	+	2	48	ATG	TAA	0	0	
mORF_+_4540482	4540482	4540493	+	3	12	TTG	TGA	0	0	
mORF_+_4540583	4540583	4540627	+	2	45	ATG	TAA	0	0	
mORF_+_4540605	4540605	4540619	+	3	15	ATG	TAA	0	0	
mORF_+_4540653	4540653	4540661	+	3	9	TTG	TAA	0	0	
mORF_+_4540666	4540666	4540734	+	1	69	TTG	TAA	0	0	
mORF_+_4540794	4540794	4540820	+	3	27	TTG	TAA	0	0	
mORF_+_4540799	4540799	4540804	+	2	6	ATG	TAA	0	0	
mORF_+_4540846	4540846	4540851	+	1	6	ATG	TAA	0	0	
mORF_+_4540865	4540865	4540930	+	2	66	GTG	TAA	0	0	
mORF_+_4540978	4540978	4541148	+	1	171	TTG	TAA	0	0	
mORF_+_4541009	4541009	4541125	+	2	117	ATG	TGA	0	0	
mORF_+_4541019	4541019	4541111	+	3	93	ATG	TAG	0	0	
mORF_+_4541138	4541138	4541686	+	2	549	ATG	TAA	11	620	pORF_+_4541138
mORF_+_4541163	4541163	4541309	+	3	147	TTG	TAG	0	0	
mORF_+_4541266	4541266	4541277	+	1	12	TTG	TGA	0	0	
mORF_+_4541382	4541382	4541429	+	3	48	ATG	TAG	0	0	
mORF_+_4541386	4541386	4541409	+	1	24	TTG	TAA	0	0	
mORF_+_4541439	4541439	4541540	+	3	102	TTG	TGA	0	0	
mORF_+_4541547	4541547	4541579	+	3	33	ATG	TGA	0	0	
mORF_+_4541619	4541619	4542290	+	3	672	TTG	TAA	0	0	
mORF_+_4541722	4541722	4541742	+	1	21	ATG	TAA	0	0	
mORF_+_4541732	4541732	4541815	+	2	84	TTG	TAA	0	0	

mORF_+_4541797	4541797	4541907	+	1	111	TTG	TGA	0	0	
mORF_+_4541816	4541816	4541887	+	2	72	ATG	TGA	0	0	
mORF_+_4541944	4541944	4542012	+	1	69	ATG	TGA	0	0	
mORF_+_4541996	4541996	4542001	+	2	6	ATG	TAG	0	0	
mORF_+_4542013	4542013	4542024	+	1	12	GTG	TAG	0	0	
mORF_+_4542025	4542025	4542096	+	1	72	GTG	TAG	0	0	
mORF_+_4542106	4542106	4542114	+	1	9	TTG	TAG	0	0	
mORF_+_4542121	4542121	4542279	+	1	159	TTG	TAA	0	0	
mORF_+_4542291	4542291	4542305	+	3	15	TTG	TAA	0	0	
mORF_+_4542305	4542305	4542310	+	2	6	ATG	TGA	0	0	
mORF_+_4542307	4542307	4542330	+	1	24	GTG	TGA	0	0	
mORF_+_4542327	4542327	4543052	+	3	726	GTG	TAA	7	20	pORF_+_4542327
mORF_+_4542346	4542346	4542351	+	1	6	ATG	TAA	0	0	
mORF_+_4542415	4542415	4542447	+	1	33	TTG	TAG	0	0	
mORF_+_4542448	4542448	4542462	+	1	15	GTG	TAA	0	0	
mORF_+_4542493	4542493	4542501	+	1	9	TTG	TGA	0	0	
mORF_+_4542508	4542508	4542531	+	1	24	ATG	TAA	0	0	
mORF_+_4542539	4542539	4542640	+	2	102	ATG	TGA	0	0	
mORF_+_4542550	4542550	4542564	+	1	15	ATG	TAA	0	0	
mORF_+_4542568	4542568	4542585	+	1	18	ATG	TGA	0	0	
mORF_+_4542598	4542598	4542606	+	1	9	TTG	TGA	0	0	
mORF_+_4542637	4542637	4542690	+	1	54	TTG	TGA	0	0	
mORF_+_4542901	4542901	4543005	+	1	105	ATG	TAA	0	0	
mORF_+_4543006	4543006	4543035	+	1	30	ATG	TGA	0	0	
mORF_+_4543086	4543086	4543100	+	3	15	TTG	TGA	0	0	
mORF_+_4543097	4543097	4543177	+	2	81	GTG	TAA	0	0	
mORF_+_4543119	4543119	4545755	+	3	2637	ATG	TAA	0	0	
mORF_+_4543198	4543198	4543281	+	1	84	TTG	TAG	0	0	
mORF_+_4543285	4543285	4543371	+	1	87	ATG	TGA	0	0	
mORF_+_4543375	4543375	4543446	+	1	72	ATG	TGA	0	0	
mORF_+_4543513	4543513	4543533	+	1	21	ATG	TAA	0	0	
mORF_+_4543567	4543567	4543587	+	1	21	ATG	TGA	0	0	
mORF_+_4543627	4543627	4543746	+	1	120	GTG	TAA	0	0	
mORF_+_4543649	4543649	4543666	+	2	18	ATG	TAA	0	0	
mORF_+_4543756	4543756	4543764	+	1	9	GTG	TAA	0	0	
mORF_+_4543768	4543768	4543881	+	1	114	TTG	TAA	0	0	
mORF_+_4543775	4543775	4543810	+	2	36	GTG	TAA	0	0	
mORF_+_4543844	4543844	4543870	+	2	27	ATG	TGA	0	0	
mORF_+_4543909	4543909	4544019	+	1	111	GTG	TGA	0	0	
mORF_+_4544029	4544029	4544157	+	1	129	TTG	TAA	0	0	
mORF_+_4544227	4544227	4544442	+	1	216	GTG	TGA	0	0	
mORF_+_4544467	4544467	4544547	+	1	81	ATG	TAG	0	0	
mORF_+_4544611	4544611	4544754	+	1	144	ATG	TGA	0	0	
mORF_+_4544755	4544755	4544817	+	1	63	GTG	TAA	0	0	
mORF_+_4544774	4544774	4544788	+	2	15	TTG	TAA	0	0	
mORF_+_4544957	4544957	4545067	+	2	111	GTG	TAG	0	0	
mORF_+_4544965	4544965	4545012	+	1	48	ATG	TGA	0	0	
mORF_+_4545025	4545025	4545132	+	1	108	GTG	TGA	0	0	
mORF_+_4545142	4545142	4545243	+	1	102	GTG	TAA	0	0	
mORF_+_4545277	4545277	4545432	+	1	156	TTG	TAG	1	2	pORF_+_4545277
mORF_+_4545442	4545442	4545507	+	1	66	TTG	TAA	0	0	
mORF_+_4545550	4545550	4545564	+	1	15	TTG	TGA	0	0	
mORF_+_4545592	4545592	4545636	+	1	45	TTG	TAG	0	0	
mORF_+_4545656	4545656	4545745	+	2	90	ATG	TGA	0	0	
mORF_+_4545673	4545673	4545729	+	1	57	ATG	TAA	0	0	
mORF_+_4545746	4545746	4545838	+	2	93	ATG	TAG	0	0	
mORF_+_4545762	4545762	4546295	+	3	534	GTG	TAA	0	0	
mORF_+_4545859	4545859	4545918	+	1	60	ATG	TGA	0	0	
mORF_+_4545949	4545949	4546020	+	1	72	TTG	TAA	0	0	
mORF_+_4546024	4546024	4546119	+	1	96	TTG	TGA	0	0	
mORF_+_4546120	4546120	4546182	+	1	63	ATG	TGA	0	0	
mORF_+_4546169	4546169	4546192	+	2	24	GTG	TAA	0	0	
mORF_+_4546261	4546261	4546311	+	1	51	ATG	TGA	0	0	

mORF_+_4546302	4546302	4546811	+	3	510	ATG	TGA	0	0	
mORF_+_4546313	4546313	4546405	+	2	93	ATG	TAA	0	0	
mORF_+_4546324	4546324	4546398	+	1	75	GTG	TGA	0	0	
mORF_+_4546421	4546421	4546453	+	2	33	GTG	TGA	0	0	
mORF_+_4546441	4546441	4546530	+	1	90	ATG	TGA	0	0	
mORF_+_4546535	4546535	4546603	+	2	69	TTG	TAA	0	0	
mORF_+_4546645	4546645	4546665	+	1	21	ATG	TGA	0	0	
mORF_+_4546696	4546696	4546743	+	1	48	ATG	TGA	0	0	
mORF_+_4546750	4546750	4546785	+	1	36	ATG	TGA	0	0	
mORF_+_4546822	4546822	4547733	+	1	912	ATG	TAA	1	2	pORF_+_4546822
mORF_+_4546826	4546826	4546831	+	2	6	TTG	TAA	0	0	
mORF_+_4546853	4546853	4546867	+	2	15	TTG	TGA	0	0	
mORF_+_4546883	4546883	4546960	+	2	78	ATG	TAA	0	0	
mORF_+_4546964	4546964	4546978	+	2	15	TTG	TGA	0	0	
mORF_+_4546979	4546979	4547119	+	2	141	ATG	TAA	0	0	
mORF_+_4547022	4547022	4547030	+	3	9	TTG	TAA	0	0	
mORF_+_4547126	4547126	4547221	+	2	96	GTG	TGA	0	0	
mORF_+_4547199	4547199	4547255	+	3	57	GTG	TAA	0	0	
mORF_+_4547234	4547234	4547269	+	2	36	GTG	TAA	0	0	
mORF_+_4547270	4547270	4547569	+	2	300	TTG	TGA	0	0	
mORF_+_4547328	4547328	4547348	+	3	21	GTG	TAA	0	0	
mORF_+_4547451	4547451	4547600	+	3	150	TTG	TAA	0	0	
mORF_+_4547660	4547660	4547683	+	2	24	ATG	TGA	0	0	
mORF_+_4547693	4547693	4547716	+	2	24	ATG	TGA	0	0	
mORF_+_4547720	4547720	4547755	+	2	36	TTG	TAA	0	0	
mORF_+_4547749	4547749	4547778	+	1	30	TTG	TGA	0	0	
mORF_+_4547804	4547804	4547809	+	2	6	TTG	TAG	0	0	
mORF_+_4547858	4547858	4547992	+	2	135	TTG	TAA	0	0	
mORF_+_4547932	4547932	4547946	+	1	15	TTG	TGA	0	0	
mORF_+_4547955	4547955	4548071	+	3	117	TTG	TGA	0	0	
mORF_+_4547968	4547968	4548084	+	1	117	GTG	TAA	0	0	
mORF_+_4548088	4548088	4548186	+	1	99	TTG	TGA	0	0	
mORF_+_4548104	4548104	4548115	+	2	12	ATG	TAA	0	0	
mORF_+_4548117	4548117	4548203	+	3	87	GTG	TAG	0	0	
mORF_+_4548191	4548191	4548217	+	2	27	TTG	TGA	0	0	
mORF_+_4548280	4548280	4548303	+	1	24	GTG	TAG	0	0	
mORF_+_4548290	4548290	4548298	+	2	9	ATG	TGA	0	0	
mORF_+_4548313	4548313	4548465	+	1	153	TTG	TGA	0	0	
mORF_+_4548318	4548318	4548695	+	3	378	GTG	TGA	0	0	
mORF_+_4548410	4548410	4548511	+	2	102	TTG	TAA	0	0	
mORF_+_4548475	4548475	4548678	+	1	204	GTG	TGA	0	0	
mORF_+_4548515	4548515	4548538	+	2	24	TTG	TAA	0	0	
mORF_+_4548692	4548692	4548868	+	2	177	ATG	TAG	0	0	
mORF_+_4548715	4548715	4548783	+	1	69	TTG	TAG	0	0	
mORF_+_4548858	4548858	4548950	+	3	93	ATG	TAA	0	0	
mORF_+_4548868	4548868	4548972	+	1	105	GTG	TAG	1	2	pORF_+_4548868
mORF_+_4549000	4549000	4549026	+	1	27	ATG	TAG	0	0	
mORF_+_4549053	4549053	4549241	+	3	189	ATG	TGA	0	0	
mORF_+_4549099	4549099	4549374	+	1	276	ATG	TAA	0	0	
mORF_+_4549238	4549238	4549246	+	2	9	TTG	TGA	0	0	
mORF_+_4549314	4549314	4549421	+	3	108	ATG	TAA	0	0	
mORF_+_4549355	4549355	4549414	+	2	60	TTG	TGA	0	0	
mORF_+_4549387	4549387	4549398	+	1	12	TTG	TGA	0	0	
mORF_+_4549399	4549399	4549707	+	1	309	ATG	TAG	0	0	
mORF_+_4549436	4549436	4549480	+	2	45	TTG	TGA	0	0	
mORF_+_4549446	4549446	4549463	+	3	18	TTG	TGA	0	0	
mORF_+_4549482	4549482	4549511	+	3	30	GTG	TGA	0	0	
mORF_+_4549508	4549508	4549531	+	2	24	TTG	TAG	0	0	
mORF_+_4549554	4549554	4549598	+	3	45	ATG	TAA	0	0	
mORF_+_4549623	4549623	4550843	+	3	1221	TTG	TAA	7	16	pORF_+_4549623
mORF_+_4549628	4549628	4549645	+	2	18	GTG	TGA	0	0	
mORF_+_4549711	4549711	4549845	+	1	135	ATG	TAG	0	0	
mORF_+_4549775	4549775	4549786	+	2	12	ATG	TGA	0	0	

mORF_+_4549832	4549832	4549894	+	2	63	GTG	TGA	0	0	
mORF_+_4549891	4549891	4550082	+	1	192	ATG	TGA	0	0	
mORF_+_4549898	4549898	4549909	+	2	12	GTG	TAA	0	0	
mORF_+_4549940	4549940	4549999	+	2	60	GTG	TGA	0	0	
mORF_+_4550122	4550122	4550154	+	1	33	TTG	TGA	0	0	
mORF_+_4550158	4550158	4550178	+	1	21	ATG	TGA	0	0	
mORF_+_4550191	4550191	4550307	+	1	117	TTG	TGA	0	0	
mORF_+_4550323	4550323	4550442	+	1	120	TTG	TAA	0	0	
mORF_+_4550423	4550423	4550434	+	2	12	GTG	TGA	0	0	
mORF_+_4550468	4550468	4550497	+	2	30	GTG	TGA	0	0	
mORF_+_4550491	4550491	4550517	+	1	27	GTG	TGA	0	0	
mORF_+_4550569	4550569	4550610	+	1	42	GTG	TGA	0	0	
mORF_+_4550614	4550614	4550640	+	1	27	GTG	TGA	0	0	
mORF_+_4550647	4550647	4550694	+	1	48	TTG	TGA	0	0	
mORF_+_4550770	4550770	4550781	+	1	12	TTG	TGA	0	0	
mORF_+_4550803	4550803	4550940	+	1	138	GTG	TGA	0	0	
mORF_+_4550855	4550855	4550902	+	2	48	ATG	TGA	0	0	
mORF_+_4550868	4550868	4550927	+	3	60	GTG	TGA	0	0	
mORF_+_4550924	4550924	4552384	+	2	1461	ATG	TAA	3	7	pORF_+_4550924
mORF_+_4550934	4550934	4551104	+	3	171	TTG	TGA	0	0	
mORF_+_4550968	4550968	4551099	+	1	132	ATG	TAA	0	0	
mORF_+_4551240	4551240	4551299	+	3	60	ATG	TAA	0	0	
mORF_+_4551327	4551327	4551365	+	3	39	ATG	TGA	0	0	
mORF_+_4551408	4551408	4551455	+	3	48	TTG	TGA	0	0	
mORF_+_4551489	4551489	4551707	+	3	219	GTG	TGA	0	0	
mORF_+_4551559	4551559	4551567	+	1	9	ATG	TGA	0	0	
mORF_+_4551586	4551586	4551600	+	1	15	GTG	TGA	0	0	
mORF_+_4551670	4551670	4551711	+	1	42	GTG	TGA	0	0	
mORF_+_4551708	4551708	4551791	+	3	84	TTG	TGA	0	0	
mORF_+_4551739	4551739	4551747	+	1	9	TTG	TAA	0	0	
mORF_+_4551855	4551855	4551878	+	3	24	ATG	TGA	0	0	
mORF_+_4551906	4551906	4551914	+	3	9	TTG	TGA	0	0	
mORF_+_4551972	4551972	4551986	+	3	15	ATG	TGA	0	0	
mORF_+_4552032	4552032	4552253	+	3	222	TTG	TGA	0	0	
mORF_+_4552281	4552281	4552325	+	3	45	TTG	TGA	0	0	
mORF_+_4552345	4552345	4552392	+	1	48	GTG	TGA	0	0	
mORF_+_4552356	4552356	4552388	+	3	33	GTG	TAA	0	0	
mORF_+_4552429	4552429	4552485	+	1	57	TTG	TAA	0	0	
mORF_+_4552433	4552433	4552498	+	2	66	TTG	TGA	0	0	
mORF_+_4552452	4552452	4552493	+	3	42	TTG	TAG	0	0	
mORF_+_4552495	4552495	4552575	+	1	81	TTG	TAA	0	0	
mORF_+_4552526	4552526	4552531	+	2	6	TTG	TAG	0	0	
mORF_+_4552568	4552568	4552585	+	2	18	TTG	TAA	0	0	
mORF_+_4552599	4552599	4553372	+	3	774	ATG	TGA	1	5	pORF_+_4552599
mORF_+_4552708	4552708	4552761	+	1	54	GTG	TGA	0	0	
mORF_+_4552801	4552801	4553223	+	1	423	GTG	TAA	0	0	
mORF_+_4553117	4553117	4553167	+	2	51	GTG	TGA	0	0	
mORF_+_4553186	4553186	4553281	+	2	96	GTG	TAA	0	0	
mORF_+_4553233	4553233	4553382	+	1	150	ATG	TAA	0	0	
mORF_+_4553345	4553345	4553359	+	2	15	ATG	TAA	0	0	
mORF_+_4553405	4553405	4553512	+	2	108	TTG	TAG	0	0	
mORF_+_4553433	4553433	4553450	+	3	18	ATG	TAA	0	0	
mORF_+_4553452	4553452	4553469	+	1	18	TTG	TAG	0	0	
mORF_+_4553487	4553487	4553528	+	3	42	ATG	TAA	0	0	
mORF_+_4553569	4553569	4553595	+	1	27	ATG	TGA	0	0	
mORF_+_4553576	4553576	4553719	+	2	144	TTG	TAA	0	0	
mORF_+_4553592	4553592	4553666	+	3	75	TTG	TAG	0	0	
mORF_+_4553596	4553596	4553622	+	1	27	GTG	TAA	0	0	
mORF_+_4553638	4553638	4553709	+	1	72	TTG	TAG	0	0	
mORF_+_4553719	4553719	4553949	+	1	231	ATG	TAA	0	0	
mORF_+_4553805	4553805	4553825	+	3	21	TTG	TGA	0	0	
mORF_+_4553856	4553856	4553870	+	3	15	GTG	TAA	0	0	
mORF_+_4553880	4553880	4553909	+	3	30	TTG	TGA	0	0	

mORF_+_4553906	4553906	4553953	+	2	48	ATG	TAA	0	0	
mORF_+_4553982	4553982	4554056	+	3	75	GTG	TAG	0	0	
mORF_+_4553990	4553990	4554028	+	2	39	ATG	TAA	0	0	
mORF_+_4554070	4554070	4554078	+	1	9	TTG	TAA	0	0	
mORF_+_4554097	4554097	4554117	+	1	21	ATG	TAA	0	0	
mORF_+_4554118	4554118	4554138	+	1	21	ATG	TAA	0	0	
mORF_+_4554182	4554182	4554247	+	2	66	ATG	TAA	0	0	
mORF_+_4554189	4554189	4554215	+	3	27	TTG	TAG	0	0	
mORF_+_4554216	4554216	4554281	+	3	66	ATG	TGA	0	0	
mORF_+_4554235	4554235	4554258	+	1	24	GTG	TAA	0	0	
mORF_+_4554274	4554274	4554303	+	1	30	TTG	TAA	0	0	
mORF_+_4554278	4554278	4554331	+	2	54	GTG	TAA	0	0	
mORF_+_4554324	4554324	4554380	+	3	57	TTG	TAG	0	0	
mORF_+_4554331	4554331	4554339	+	1	9	ATG	TAG	0	0	
mORF_+_4554358	4554358	4554447	+	1	90	ATG	TAG	0	0	
mORF_+_4554429	4554429	4554482	+	3	54	ATG	TAG	0	0	
mORF_+_4554466	4554466	4554582	+	1	117	GTG	TGA	0	0	
mORF_+_4554524	4554524	4554538	+	2	15	TTG	TAA	0	0	
mORF_+_4554528	4554528	4554557	+	3	30	ATG	TAA	0	0	
mORF_+_4554558	4554558	4554698	+	3	141	TTG	TAA	0	0	
mORF_+_4554607	4554607	4554660	+	1	54	ATG	TAA	0	0	
mORF_+_4554661	4554661	4554684	+	1	24	TTG	TGA	0	0	
mORF_+_4554677	4554677	4554820	+	2	144	ATG	TGA	0	0	
mORF_+_4554729	4554729	4554794	+	3	66	GTG	TGA	0	0	
mORF_+_4554817	4554817	4554843	+	1	27	ATG	TAG	0	0	
mORF_+_4554873	4554873	4554905	+	3	33	TTG	TGA	0	0	
mORF_+_4554907	4554907	4555050	+	1	144	ATG	TGA	0	0	
mORF_+_4554911	4554911	4554916	+	2	6	ATG	TAA	0	0	
mORF_+_4554930	4554930	4555019	+	3	90	ATG	TGA	0	0	
mORF_+_4554968	4554968	4554997	+	2	30	GTG	TAA	0	0	
mORF_+_4555007	4555007	4555408	+	2	402	GTG	TAA	0	0	
mORF_+_4555090	4555090	4555116	+	1	27	ATG	TAA	0	0	
mORF_+_4555146	4555146	4555277	+	3	132	TTG	TGA	0	0	
mORF_+_4555165	4555165	4555179	+	1	15	GTG	TAA	0	0	
mORF_+_4555210	4555210	4555245	+	1	36	TTG	TGA	0	0	
mORF_+_4555311	4555311	4555319	+	3	9	TTG	TAA	0	0	
mORF_+_4555335	4555335	4555346	+	3	12	ATG	TAA	0	0	
mORF_+_4555350	4555350	4555613	+	3	264	TTG	TAA	0	0	
mORF_+_4555375	4555375	4555488	+	1	114	TTG	TAG	0	0	
mORF_+_4555481	4555481	4555648	+	2	168	ATG	TGA	0	0	
mORF_+_4555558	4555558	4555701	+	1	144	ATG	TAG	0	0	
mORF_+_4555662	4555662	4555724	+	3	63	GTG	TAA	0	0	
mORF_+_4555705	4555705	4555716	+	1	12	TTG	TAA	0	0	
mORF_+_4555731	4555731	4555808	+	3	78	GTG	TAA	0	0	
mORF_+_4555733	4555733	4555750	+	2	18	GTG	TAA	0	0	
mORF_+_4555754	4555754	4555915	+	2	162	GTG	TAG	0	0	
mORF_+_4555813	4555813	4555851	+	1	39	ATG	TGA	0	0	
mORF_+_4555815	4555815	4555967	+	3	153	GTG	TAA	0	0	
mORF_+_4555922	4555922	4555933	+	2	12	TTG	TAA	0	0	
mORF_+_4555957	4555957	4556022	+	1	66	ATG	TAA	1	2	pORF_+_4555957
mORF_+_4555986	4555986	4556060	+	3	75	GTG	TAA	0	0	
mORF_+_4555988	4555988	4556005	+	2	18	GTG	TGA	0	0	
mORF_+_4556050	4556050	4556265	+	1	216	TTG	TAA	0	0	
mORF_+_4556064	4556064	4556111	+	3	48	TTG	TGA	0	0	
mORF_+_4556115	4556115	4556369	+	3	255	TTG	TGA	0	0	
mORF_+_4556189	4556189	4556215	+	2	27	ATG	TGA	0	0	
mORF_+_4556272	4556272	4556655	+	1	384	TTG	TAA	0	0	
mORF_+_4556411	4556411	4556590	+	2	180	TTG	TAG	0	0	
mORF_+_4556594	4556594	4556737	+	2	144	TTG	TGA	0	0	
mORF_+_4556715	4556715	4556792	+	3	78	GTG	TGA	0	0	
mORF_+_4556780	4556780	4556914	+	2	135	ATG	TAA	0	0	
mORF_+_4556860	4556860	4556925	+	1	66	GTG	TAA	0	0	
mORF_+_4556945	4556945	4557022	+	2	78	ATG	TGA	0	0	

mORF_+_4556947	4556947	4557255	+	1	309	GTG	TGA	0	0	
mORF_+_4557033	4557033	4557089	+	3	57	GTG	TAA	0	0	
mORF_+_4557056	4557056	4557139	+	2	84	ATG	TGA	0	0	
mORF_+_4557167	4557167	4557352	+	2	186	ATG	TGA	0	0	
mORF_+_4557340	4557340	4557699	+	1	360	ATG	TAA	0	0	
mORF_+_4557398	4557398	4557541	+	2	144	GTG	TAA	0	0	
mORF_+_4557548	4557548	4557565	+	2	18	ATG	TAA	0	0	
mORF_+_4557597	4557597	4557605	+	3	9	ATG	TAA	0	0	
mORF_+_4557620	4557620	4557634	+	2	15	ATG	TAA	0	0	
mORF_+_4557638	4557638	4557733	+	2	96	TTG	TGA	0	0	
mORF_+_4557730	4557730	4557741	+	1	12	GTG	TAA	0	0	
mORF_+_4557741	4557741	4557893	+	3	153	ATG	TAA	0	0	
mORF_+_4557865	4557865	4558179	+	1	315	ATG	TAG	0	0	
mORF_+_4557908	4557908	4558015	+	2	108	ATG	TGA	0	0	
mORF_+_4557933	4557933	4557959	+	3	27	TTG	TAG	0	0	
mORF_+_4558017	4558017	4558121	+	3	105	TTG	TAA	0	0	
mORF_+_4558022	4558022	4558066	+	2	45	ATG	TAA	0	0	
mORF_+_4558180	4558180	4558209	+	1	30	TTG	TGA	0	0	
mORF_+_4558206	4558206	4558355	+	3	150	TTG	TAG	0	0	
mORF_+_4558211	4558211	4558243	+	2	33	ATG	TAA	0	0	
mORF_+_4558267	4558267	4558743	+	1	477	TTG	TGA	0	0	
mORF_+_4558361	4558361	4558408	+	2	48	GTG	TAA	0	0	
mORF_+_4558409	4558409	4558417	+	2	9	TTG	TAA	0	0	
mORF_+_4558442	4558442	4558477	+	2	36	GTG	TAG	0	0	
mORF_+_4558502	4558502	4558624	+	2	123	ATG	TGA	0	0	
mORF_+_4558533	4558533	4558766	+	3	234	TTG	TGA	0	0	
mORF_+_4558697	4558697	4558705	+	2	9	GTG	TAA	0	0	
mORF_+_4558715	4558715	4558924	+	2	210	TTG	TAA	0	0	
mORF_+_4558782	4558782	4558835	+	3	54	ATG	TAG	0	0	
mORF_+_4558807	4558807	4558878	+	1	72	ATG	TGA	0	0	
mORF_+_4558851	4558851	4559507	+	3	657	GTG	TAA	0	0	
mORF_+_4559005	4559005	4559112	+	1	108	TTG	TAA	0	0	
mORF_+_4559057	4559057	4559074	+	2	18	ATG	TAA	0	0	
mORF_+_4559084	4559084	4559152	+	2	69	TTG	TAA	0	0	
mORF_+_4559116	4559116	4559298	+	1	183	GTG	TAA	0	0	
mORF_+_4559183	4559183	4559290	+	2	108	GTG	TGA	0	0	
mORF_+_4559314	4559314	4559403	+	1	90	TTG	TAA	0	0	
mORF_+_4559482	4559482	4559679	+	1	198	TTG	TAA	0	0	
mORF_+_4559501	4559501	4559530	+	2	30	GTG	TGA	0	0	
mORF_+_4559535	4559535	4559540	+	3	6	TTG	TAG	0	0	
mORF_+_4559550	4559550	4559699	+	3	150	TTG	TAA	0	0	
mORF_+_4559621	4559621	4559635	+	2	15	ATG	TGA	0	0	
mORF_+_4559680	4559680	4560006	+	1	327	ATG	TAA	1	2	pORF_+_4559680
mORF_+_4559727	4559727	4559906	+	3	180	TTG	TAG	0	0	
mORF_+_4559753	4559753	4559767	+	2	15	ATG	TAA	0	0	
mORF_+_4559894	4559894	4559995	+	2	102	TTG	TGA	0	0	
mORF_+_4559955	4559955	4559966	+	3	12	ATG	TAA	0	0	
mORF_+_4560016	4560016	4560024	+	1	9	ATG	TAA	0	0	
mORF_+_4560078	4560078	4560134	+	3	57	TTG	TAA	0	0	
mORF_+_4560089	4560089	4560109	+	2	21	TTG	TGA	0	0	
mORF_+_4560106	4560106	4560474	+	1	369	GTG	TGA	0	0	
mORF_+_4560143	4560143	4560310	+	2	168	GTG	TAA	0	0	
mORF_+_4560180	4560180	4560188	+	3	9	TTG	TAA	0	0	
mORF_+_4560192	4560192	4560374	+	3	183	TTG	TAA	0	0	
mORF_+_4560386	4560386	4560553	+	2	168	ATG	TAA	0	0	
mORF_+_4560471	4560471	4560494	+	3	24	GTG	TAG	0	0	
mORF_+_4560523	4560523	4560600	+	1	78	TTG	TAA	0	0	
mORF_+_4560554	4560554	4560580	+	2	27	ATG	TGA	0	0	
mORF_+_4560655	4560655	4560729	+	1	75	GTG	TAA	0	0	
mORF_+_4560681	4560681	4560704	+	3	24	ATG	TAA	0	0	
mORF_+_4560707	4560707	4560751	+	2	45	TTG	TGA	0	0	
mORF_+_4560711	4560711	4560737	+	3	27	TTG	TAA	0	0	
mORF_+_4560748	4560748	4560777	+	1	30	GTG	TGA	0	0	

mORF_+_4560755	4560755	4560769	+	2	15	ATG	TAA	0	0
mORF_+_4560774	4560774	4560788	+	3	15	ATG	TAA	0	0
mORF_+_4560778	4560778	4560900	+	1	123	TTG	TAG	0	0
mORF_+_4560804	4560804	4560815	+	3	12	TTG	TAA	0	0
mORF_+_4560863	4560863	4560961	+	2	99	TTG	TGA	0	0
mORF_+_4560900	4560900	4560917	+	3	18	GTG	TAA	0	0
mORF_+_4560945	4560945	4560995	+	3	51	GTG	TAA	0	0
mORF_+_4560958	4560958	4561020	+	1	63	ATG	TAA	0	0
mORF_+_4561027	4561027	4561038	+	1	12	TTG	TAG	0	0
mORF_+_4561038	4561038	4561055	+	3	18	GTG	TGA	0	0
mORF_+_4561049	4561049	4561096	+	2	48	TTG	TAG	0	0
mORF_+_4561057	4561057	4561062	+	1	6	GTG	TAA	0	0
mORF_+_4561133	4561133	4561138	+	2	6	GTG	TGA	0	0
mORF_+_4561135	4561135	4561245	+	1	111	GTG	TGA	0	0
mORF_+_4561175	4561175	4561255	+	2	81	TTG	TAA	0	0
mORF_+_4561179	4561179	4561214	+	3	36	TTG	TGA	0	0
mORF_+_4561233	4561233	4561280	+	3	48	TTG	TAA	0	0
mORF_+_4561256	4561256	4561264	+	2	9	ATG	TAA	0	0
mORF_+_4561280	4561280	4561291	+	2	12	ATG	TGA	0	0
mORF_+_4561301	4561301	4561498	+	2	198	ATG	TAA	0	0
mORF_+_4561344	4561344	4561355	+	3	12	TTG	TAA	0	0
mORF_+_4561423	4561423	4561509	+	1	87	TTG	TGA	0	0
mORF_+_4561425	4561425	4561589	+	3	165	GTG	TAA	0	0
mORF_+_4561516	4561516	4561608	+	1	93	ATG	TAA	0	0
mORF_+_4561520	4561520	4561756	+	2	237	TTG	TGA	0	0
mORF_+_4561620	4561620	4561631	+	3	12	TTG	TAA	0	0
mORF_+_4561683	4561683	4561694	+	3	12	ATG	TAA	0	0
mORF_+_4561714	4561714	4561860	+	1	147	GTG	TGA	0	0
mORF_+_4561719	4561719	4561751	+	3	33	ATG	TAA	0	0
mORF_+_4561781	4561781	4561822	+	2	42	TTG	TAA	0	0
mORF_+_4561815	4561815	4561925	+	3	111	ATG	TGA	0	0
mORF_+_4561901	4561901	4561930	+	2	30	TTG	TAA	0	0
mORF_+_4561953	4561953	4562078	+	3	126	GTG	TAA	0	0
mORF_+_4561966	4561966	4562196	+	1	231	TTG	TGA	0	0
mORF_+_4562123	4562123	4562398	+	2	276	ATG	TGA	0	0
mORF_+_4562251	4562251	4562562	+	1	312	GTG	TAA	0	0
mORF_+_4562405	4562405	4562416	+	2	12	TTG	TGA	0	0
mORF_+_4562423	4562423	4562476	+	2	54	ATG	TGA	0	0
mORF_+_4562442	4562442	4562537	+	3	96	TTG	TGA	0	0
mORF_+_4562534	4562534	4562785	+	2	252	GTG	TAG	0	0
mORF_+_4562553	4562553	4562594	+	3	42	TTG	TAA	0	0
mORF_+_4562595	4562595	4562642	+	3	48	TTG	TAA	0	0
mORF_+_4562679	4562679	4562738	+	3	60	TTG	TAA	0	0
mORF_+_4562810	4562810	4562833	+	2	24	ATG	TGA	0	0
mORF_+_4562815	4562815	4563147	+	1	333	GTG	TAA	0	0
mORF_+_4563053	4563053	4563067	+	2	15	GTG	TAA	0	0
mORF_+_4563140	4563140	4563193	+	2	54	GTG	TGA	0	0
mORF_+_4563210	4563210	4563227	+	3	18	TTG	TGA	0	0
mORF_+_4563224	4563224	4563265	+	2	42	TTG	TAA	0	0
mORF_+_4563255	4563255	4563293	+	3	39	TTG	TAA	0	0
mORF_+_4563278	4563278	4563322	+	2	45	ATG	TGA	0	0
mORF_+_4563319	4563319	4563453	+	1	135	ATG	TAA	0	0
mORF_+_4563336	4563336	4563392	+	3	57	GTG	TAA	0	0
mORF_+_4563365	4563365	4563502	+	2	138	ATG	TGA	0	0
mORF_+_4563490	4563490	4563855	+	1	366	TTG	TAG	0	0
mORF_+_4563521	4563521	4563586	+	2	66	ATG	TAG	0	0
mORF_+_4563608	4563608	4563622	+	2	15	TTG	TAG	0	0
mORF_+_4563647	4563647	4563760	+	2	114	TTG	TAA	0	0
mORF_+_4563761	4563761	4563838	+	2	78	GTG	TGA	0	0
mORF_+_4563845	4563845	4564039	+	2	195	ATG	TAA	0	0
mORF_+_4563867	4563867	4563875	+	3	9	GTG	TGA	0	0
mORF_+_4563903	4563903	4563950	+	3	48	ATG	TGA	0	0
mORF_+_4563981	4563981	4563992	+	3	12	ATG	TAA	0	0

mORF_+_4563996	4563996	4564226	+	3	231	TTG	TGA	0	0	
mORF_+_4564118	4564118	4564234	+	2	117	TTG	TAA	0	0	
mORF_+_4564180	4564180	4564329	+	1	150	ATG	TGA	1	2	pORF_+_4564180
mORF_+_4564280	4564280	4564354	+	2	75	TTG	TAA	0	0	
mORF_+_4564296	4564296	4564379	+	3	84	ATG	TAG	0	0	
mORF_+_4564458	4564458	4564505	+	3	48	TTG	TGA	0	0	
mORF_+_4564493	4564493	4565221	+	2	729	ATG	TAA	0	0	
mORF_+_4564590	4564590	4564724	+	3	135	GTG	TGA	0	0	
mORF_+_4564612	4564612	4564656	+	1	45	GTG	TAA	0	0	
mORF_+_4564696	4564696	4564815	+	1	120	GTG	TAA	0	0	
mORF_+_4564737	4564737	4564826	+	3	90	TTG	TGA	0	0	
mORF_+_4564863	4564863	4564883	+	3	21	ATG	TGA	0	0	
mORF_+_4564920	4564920	4564973	+	3	54	TTG	TGA	0	0	
mORF_+_4564957	4564957	4565043	+	1	87	ATG	TAA	0	0	
mORF_+_4565061	4565061	4565327	+	3	267	ATG	TAG	0	0	
mORF_+_4565340	4565340	4565408	+	3	69	ATG	TAA	0	0	
mORF_+_4565356	4565356	4565415	+	1	60	TTG	TGA	0	0	
mORF_+_4565412	4565412	4565444	+	3	33	ATG	TAG	0	0	
mORF_+_4565501	4565501	4565545	+	2	45	ATG	TAA	0	0	
mORF_+_4565530	4565530	4565673	+	1	144	TTG	TGA	0	0	
mORF_+_4565622	4565622	4565801	+	3	180	GTG	TAA	0	0	
mORF_+_4565674	4565674	4565862	+	1	189	ATG	TAG	0	0	
mORF_+_4565774	4565774	4565818	+	2	45	GTG	TAA	0	0	
mORF_+_4565872	4565872	4566177	+	1	306	ATG	TAA	0	0	
mORF_+_4565876	4565876	4565947	+	2	72	TTG	TAA	0	0	
mORF_+_4566002	4566002	4566010	+	2	9	ATG	TAA	0	0	
mORF_+_4566048	4566048	4566287	+	3	240	GTG	TAG	0	0	
mORF_+_4566143	4566143	4566172	+	2	30	TTG	TGA	0	0	
mORF_+_4566184	4566184	4566213	+	1	30	GTG	TGA	0	0	
mORF_+_4566215	4566215	4566229	+	2	15	TTG	TAA	0	0	
mORF_+_4566236	4566236	4566244	+	2	9	GTG	TAG	0	0	
mORF_+_4566248	4566248	4566253	+	2	6	TTG	TGA	0	0	
mORF_+_4566250	4566250	4566375	+	1	126	GTG	TAG	0	0	
mORF_+_4566257	4566257	4566280	+	2	24	TTG	TAA	0	0	
mORF_+_4566433	4566433	4566621	+	1	189	ATG	TGA	0	0	
mORF_+_4566519	4566519	4566650	+	3	132	ATG	TGA	0	0	
mORF_+_4566536	4566536	4566544	+	2	9	GTG	TAA	0	0	
mORF_+_4566656	4566656	4566661	+	2	6	ATG	TAA	0	0	
mORF_+_4566677	4566677	4566727	+	2	51	GTG	TAA	0	0	
mORF_+_4566720	4566720	4566740	+	3	21	ATG	TAG	0	0	
mORF_+_4566761	4566761	4566769	+	2	9	TTG	TGA	0	0	
mORF_+_4566766	4566766	4566807	+	1	42	TTG	TAA	0	0	
mORF_+_4566774	4566774	4566797	+	3	24	TTG	TAA	0	0	
mORF_+_4566798	4566798	4566803	+	3	6	GTG	TAA	0	0	
mORF_+_4566811	4566811	4566984	+	1	174	TTG	TAA	0	0	
mORF_+_4566834	4566834	4566917	+	3	84	GTG	TAA	0	0	
mORF_+_4566866	4566866	4566871	+	2	6	ATG	TAA	0	0	
mORF_+_4566881	4566881	4567024	+	2	144	TTG	TGA	0	0	
mORF_+_4567008	4567008	4567052	+	3	45	GTG	TGA	0	0	
mORF_+_4567021	4567021	4567332	+	1	312	ATG	TAG	0	0	
mORF_+_4567049	4567049	4567156	+	2	108	ATG	TAA	0	0	
mORF_+_4567137	4567137	4567151	+	3	15	GTG	TAG	0	0	
mORF_+_4567175	4567175	4567225	+	2	51	TTG	TAA	0	0	
mORF_+_4567215	4567215	4567265	+	3	51	ATG	TGA	0	0	
mORF_+_4567241	4567241	4567261	+	2	21	ATG	TGA	0	0	
mORF_+_4567262	4567262	4567306	+	2	45	TTG	TGA	0	0	
mORF_+_4567346	4567346	4567558	+	2	213	ATG	TGA	0	0	
mORF_+_4567369	4567369	4567941	+	1	573	TTG	TAA	0	0	
mORF_+_4567425	4567425	4567475	+	3	51	GTG	TAA	0	0	
mORF_+_4567629	4567629	4567637	+	3	9	GTG	TAA	0	0	
mORF_+_4567631	4567631	4567651	+	2	21	GTG	TAA	0	0	
mORF_+_4567685	4567685	4567753	+	2	69	ATG	TAA	0	0	
mORF_+_4567760	4567760	4567792	+	2	33	TTG	TAA	0	0	

mORF+_4567829	4567829	4567894	+	2	66	ATG	TAA	0	0
mORF+_4567845	4567845	4567910	+	3	66	ATG	TGA	0	0
mORF+_4567913	4567913	4568071	+	2	159	GTG	TGA	0	0
mORF+_4567926	4567926	4567955	+	3	30	ATG	TGA	0	0
mORF+_4567974	4567974	4568009	+	3	36	ATG	TAA	0	0
mORF+_4567981	4567981	4568001	+	1	21	ATG	TAA	0	0
mORF+_4568032	4568032	4568037	+	1	6	TTG	TAG	0	0
mORF+_4568056	4568056	4568091	+	1	36	ATG	TAA	0	0
mORF+_4568084	4568084	4568128	+	2	45	TTG	TAA	0	0
mORF+_4568144	4568144	4568239	+	2	96	ATG	TAG	0	0
mORF+_4568148	4568148	4568249	+	3	102	ATG	TGA	0	0
mORF+_4568218	4568218	4568301	+	1	84	TTG	TGA	0	0
mORF+_4568264	4568264	4568464	+	2	201	TTG	TAA	0	0
mORF+_4568474	4568474	4568482	+	2	9	TTG	TGA	0	0
mORF+_4568506	4568506	4569045	+	1	540	ATG	TAA	0	0
mORF+_4568538	4568538	4568570	+	3	33	TTG	TAA	0	0
mORF+_4568555	4568555	4568611	+	2	57	GTG	TGA	0	0
mORF+_4568622	4568622	4568666	+	3	45	GTG	TGA	0	0
mORF+_4568711	4568711	4568752	+	2	42	ATG	TAG	0	0
mORF+_4568810	4568810	4568992	+	2	183	TTG	TAA	0	0
mORF+_4568853	4568853	4568867	+	3	15	TTG	TGA	0	0
mORF+_4568937	4568937	4569080	+	3	144	TTG	TGA	0	0
mORF+_4569064	4569064	4569165	+	1	102	ATG	TAA	0	0
mORF+_4569077	4569077	4569157	+	2	81	GTG	TGA	0	0
mORF+_4569187	4569187	4569216	+	1	30	TTG	TAG	0	0
mORF+_4569258	4569258	4569335	+	3	78	GTG	TAA	0	0
mORF+_4569260	4569260	4569322	+	2	63	GTG	TGA	0	0
mORF+_4569295	4569295	4569504	+	1	210	ATG	TAA	0	0
mORF+_4569396	4569396	4569431	+	3	36	GTG	TGA	0	0
mORF+_4569428	4569428	4569457	+	2	30	GTG	TGA	0	0
mORF+_4569473	4569473	4569499	+	2	27	GTG	TGA	0	0
mORF+_4569532	4569532	4569678	+	1	147	GTG	TAA	0	0
mORF+_4569596	4569596	4569646	+	2	51	ATG	TGA	0	0
mORF+_4569612	4569612	4569698	+	3	87	GTG	TAA	0	0
mORF+_4569688	4569688	4569711	+	1	24	ATG	TGA	0	0
mORF+_4569708	4569708	4569743	+	3	36	TTG	TGA	0	0
mORF+_4569719	4569719	4569724	+	2	6	TTG	TGA	0	0
mORF+_4569721	4569721	4569762	+	1	42	GTG	TGA	0	0
mORF+_4569740	4569740	4569799	+	2	60	ATG	TAA	0	0
mORF+_4569759	4569759	4569770	+	3	12	ATG	TAG	0	0
mORF+_4569774	4569774	4569938	+	3	165	ATG	TGA	0	0
mORF+_4569845	4569845	4569892	+	2	48	TTG	TGA	0	0
mORF+_4569889	4569889	4569903	+	1	15	GTG	TGA	0	0
mORF+_4569928	4569928	4569984	+	1	57	ATG	TAA	0	0
mORF+_4569935	4569935	4570024	+	2	90	GTG	TAG	0	0
mORF+_4569975	4569975	4569989	+	3	15	ATG	TAA	0	0
mORF+_4570027	4570027	4570080	+	1	54	ATG	TAA	0	0
mORF+_4570032	4570032	4570118	+	3	87	GTG	TGA	0	0
mORF+_4570106	4570106	4570201	+	2	96	TTG	TGA	0	0
mORF+_4570108	4570108	4570122	+	1	15	GTG	TGA	0	0
mORF+_4570147	4570147	4570212	+	1	66	TTG	TGA	0	0
mORF+_4570149	4570149	4570163	+	3	15	GTG	TAA	0	0
mORF+_4570164	4570164	4570187	+	3	24	TTG	TAA	0	0
mORF+_4570188	4570188	4570220	+	3	33	ATG	TGA	0	0
mORF+_4570213	4570213	4570245	+	1	33	TTG	TAA	0	0
mORF+_4570217	4570217	4570237	+	2	21	TTG	TGA	0	0
mORF+_4570252	4570252	4570269	+	1	18	GTG	TGA	0	0
mORF+_4570259	4570259	4570273	+	2	15	ATG	TAA	0	0
mORF+_4570266	4570266	4570313	+	3	48	GTG	TAG	0	0
mORF+_4570277	4570277	4570300	+	2	24	ATG	TAA	0	0
mORF+_4570303	4570303	4570332	+	1	30	TTG	TAG	0	0
mORF+_4570333	4570333	4570350	+	1	18	TTG	TAA	0	0
mORF+_4570389	4570389	4571954	+	3	1566	ATG	TGA	0	0

mORF_+_4570394	4570394	4570426	+	2	33	GTG	TAA	0	0
mORF_+_4570402	4570402	4570467	+	1	66	TTG	TAA	0	0
mORF_+_4570460	4570460	4570489	+	2	30	ATG	TAA	0	0
mORF_+_4570492	4570492	4570497	+	1	6	TTG	TGA	0	0
mORF_+_4570522	4570522	4570575	+	1	54	ATG	TAA	0	0
mORF_+_4570588	4570588	4570725	+	1	138	GTG	TAG	0	0
mORF_+_4570616	4570616	4570621	+	2	6	ATG	TAA	0	0
mORF_+_4570652	4570652	4570660	+	2	9	TTG	TGA	0	0
mORF_+_4570661	4570661	4570681	+	2	21	GTG	TGA	0	0
mORF_+_4570688	4570688	4570717	+	2	30	ATG	TAA	0	0
mORF_+_4570750	4570750	4570983	+	1	234	TTG	TAG	0	0
mORF_+_4571113	4571113	4571160	+	1	48	TTG	TAG	0	0
mORF_+_4571161	4571161	4571187	+	1	27	ATG	TGA	0	0
mORF_+_4571188	4571188	4571214	+	1	27	ATG	TAG	0	0
mORF_+_4571198	4571198	4571221	+	2	24	ATG	TAA	0	0
mORF_+_4571252	4571252	4571287	+	2	36	TTG	TGA	0	0
mORF_+_4571284	4571284	4571298	+	1	15	ATG	TGA	0	0
mORF_+_4571359	4571359	4571466	+	1	108	TTG	TGA	0	0
mORF_+_4571372	4571372	4571377	+	2	6	TTG	TGA	0	0
mORF_+_4571470	4571470	4571505	+	1	36	TTG	TAG	0	0
mORF_+_4571512	4571512	4571526	+	1	15	GTG	TGA	0	0
mORF_+_4571527	4571527	4571583	+	1	57	TTG	TAA	0	0
mORF_+_4571593	4571593	4571658	+	1	66	TTG	TGA	0	0
mORF_+_4571606	4571606	4571677	+	2	72	ATG	TAA	0	0
mORF_+_4571659	4571659	4571718	+	1	60	TTG	TAA	0	0
mORF_+_4571753	4571753	4571782	+	2	30	ATG	TGA	0	0
mORF_+_4571779	4571779	4571838	+	1	60	ATG	TAA	0	0
mORF_+_4571839	4571839	4571937	+	1	99	ATG	TAA	0	0
mORF_+_4571861	4571861	4571875	+	2	15	TTG	TGA	0	0
mORF_+_4571948	4571948	4572079	+	2	132	GTG	TAG	0	0
mORF_+_4571989	4571989	4572021	+	1	33	TTG	TAA	0	0
mORF_+_4571997	4571997	4572116	+	3	120	ATG	TAA	0	0
mORF_+_4572085	4572085	4572099	+	1	15	ATG	TGA	0	0
mORF_+_4572106	4572106	4572186	+	1	81	TTG	TGA	0	0
mORF_+_4572150	4572150	4572167	+	3	18	TTG	TGA	0	0
mORF_+_4572158	4572158	4574878	+	2	2721	GTG	TGA	0	0
mORF_+_4572183	4572183	4572272	+	3	90	GTG	TAG	0	0
mORF_+_4572226	4572226	4572231	+	1	6	TTG	TAA	0	0
mORF_+_4572277	4572277	4572288	+	1	12	GTG	TAA	0	0
mORF_+_4572291	4572291	4572386	+	3	96	GTG	TGA	0	0
mORF_+_4572390	4572390	4572488	+	3	99	TTG	TGA	0	0
mORF_+_4572495	4572495	4572545	+	3	51	ATG	TGA	0	0
mORF_+_4572511	4572511	4572516	+	1	6	TTG	TAG	0	0
mORF_+_4572546	4572546	4572578	+	3	33	GTG	TAG	0	0
mORF_+_4572579	4572579	4572620	+	3	42	GTG	TAG	0	0
mORF_+_4572625	4572625	4572645	+	1	21	TTG	TGA	0	0
mORF_+_4572642	4572642	4572791	+	3	150	GTG	TAG	0	0
mORF_+_4572840	4572840	4572866	+	3	27	ATG	TAG	0	0
mORF_+_4572888	4572888	4573283	+	3	396	GTG	TAA	0	0
mORF_+_4573290	4573290	4573370	+	3	81	ATG	TGA	0	0
mORF_+_4573380	4573380	4573493	+	3	114	TTG	TAG	0	0
mORF_+_4573533	4573533	4573568	+	3	36	ATG	TGA	0	0
mORF_+_4573561	4573561	4573698	+	1	138	ATG	TAA	0	0
mORF_+_4573599	4573599	4573610	+	3	12	TTG	TGA	0	0
mORF_+_4573617	4573617	4573652	+	3	36	ATG	TGA	0	0
mORF_+_4573671	4573671	4573691	+	3	21	ATG	TAA	0	0
mORF_+_4573779	4573779	4573898	+	3	120	ATG	TGA	0	0
mORF_+_4573944	4573944	4574048	+	3	105	GTG	TAA	0	0
mORF_+_4574049	4574049	4574102	+	3	54	ATG	TGA	0	0
mORF_+_4574149	4574149	4574163	+	1	15	GTG	TGA	0	0
mORF_+_4574160	4574160	4574201	+	3	42	ATG	TAG	0	0
mORF_+_4574283	4574283	4574357	+	3	75	ATG	TGA	0	0
mORF_+_4574415	4574415	4574444	+	3	30	TTG	TGA	0	0

mORF_+_4574469	4574469	4574483	+	3	15	ATG	TGA	0	0
mORF_+_4574535	4574535	4574546	+	3	12	ATG	TGA	0	0
mORF_+_4574578	4574578	4574655	+	1	78	GTG	TAA	0	0
mORF_+_4574583	4574583	4574609	+	3	27	TTG	TAG	0	0
mORF_+_4574670	4574670	4574690	+	3	21	TTG	TGA	0	0
mORF_+_4574743	4574743	4574757	+	1	15	ATG	TGA	0	0
mORF_+_4574754	4574754	4574786	+	3	33	TTG	TAG	0	0
mORF_+_4574817	4574817	4574867	+	3	51	ATG	TGA	0	0
mORF_+_4574839	4574839	4574967	+	1	129	TTG	TAA	0	0
mORF_+_4574895	4574895	4574924	+	3	30	ATG	TAA	0	0
mORF_+_4574897	4574897	4574974	+	2	78	GTG	TGA	0	0
mORF_+_4574971	4574971	4575000	+	1	30	TTG	TAA	0	0
mORF_+_4575002	4575002	4575043	+	2	42	TTG	TAA	0	0
mORF_+_4575046	4575046	4575081	+	1	36	ATG	TAA	0	0
mORF_+_4575092	4575092	4575130	+	2	39	ATG	TAA	0	0
mORF_+_4575139	4575139	4575186	+	1	48	TTG	TGA	0	0
mORF_+_4575183	4575183	4575221	+	3	39	GTG	TAA	0	0
mORF_+_4575191	4575191	4575202	+	2	12	ATG	TAG	0	0
mORF_+_4575206	4575206	4575286	+	2	81	TTG	TGA	0	0
mORF_+_4575234	4575234	4575248	+	3	15	ATG	TGA	0	0
mORF_+_4575279	4575279	4575455	+	3	177	GTG	TAG	0	0
mORF_+_4575329	4575329	4575367	+	2	39	GTG	TAA	0	0
mORF_+_4575376	4575376	4575387	+	1	12	TTG	TAA	0	0
mORF_+_4575430	4575430	4575549	+	1	120	GTG	TAA	0	0
mORF_+_4575437	4575437	4575445	+	2	9	TTG	TGA	0	0
mORF_+_4575461	4575461	4575499	+	2	39	TTG	TAA	0	0
mORF_+_4575550	4575550	4575573	+	1	24	ATG	TAA	0	0
mORF_+_4575557	4575557	4575583	+	2	27	GTG	TAA	0	0
mORF_+_4575585	4575585	4575605	+	3	21	GTG	TGA	0	0
mORF_+_4575609	4575609	4575632	+	3	24	TTG	TAA	0	0
mORF_+_4575625	4575625	4575636	+	1	12	ATG	TAA	0	0
mORF_+_4575638	4575638	4575718	+	2	81	ATG	TGA	0	0
mORF_+_4575645	4575645	4575659	+	3	15	ATG	TAA	0	0
mORF_+_4575715	4575715	4575822	+	1	108	ATG	TGA	0	0
mORF_+_4575738	4575738	4575746	+	3	9	TTG	TAG	0	0
mORF_+_4575764	4575764	4575799	+	2	36	TTG	TAA	0	0
mORF_+_4575819	4575819	4575908	+	3	90	GTG	TAA	0	0
mORF_+_4575872	4575872	4575922	+	2	51	TTG	TAA	0	0
mORF_+_4575927	4575927	4575938	+	3	12	ATG	TAA	0	0
mORF_+_4575941	4575941	4575946	+	2	6	ATG	TAA	0	0
mORF_+_4575983	4575983	4576087	+	2	105	ATG	TAA	0	0
mORF_+_4576000	4576000	4576026	+	1	27	TTG	TAG	0	0
mORF_+_4576017	4576017	4576055	+	3	39	TTG	TAA	0	0
mORF_+_4576092	4576092	4576220	+	3	129	TTG	TAA	0	0
mORF_+_4576108	4576108	4576137	+	1	30	GTG	TAA	0	0
mORF_+_4576147	4576147	4576332	+	1	186	ATG	TAG	0	0
mORF_+_4576232	4576232	4576306	+	2	75	ATG	TGA	0	0
mORF_+_4576375	4576375	4576383	+	1	9	ATG	TAA	0	0
mORF_+_4576464	4576464	4576475	+	3	12	ATG	TAA	0	0
mORF_+_4576507	4576507	4576572	+	1	66	TTG	TGA	0	0
mORF_+_4576566	4576566	4576790	+	3	225	TTG	TAA	0	0
mORF_+_4576579	4576579	4576584	+	1	6	TTG	TAA	0	0
mORF_+_4576588	4576588	4576629	+	1	42	ATG	TAG	0	0
mORF_+_4576678	4576678	4576716	+	1	39	TTG	TAA	0	0
mORF_+_4576727	4576727	4576771	+	2	45	GTG	TAA	0	0
mORF_+_4576780	4576780	4576920	+	1	141	TTG	TAG	0	0
mORF_+_4576811	4576811	4576828	+	2	18	TTG	TAA	0	0
mORF_+_4576859	4576859	4576879	+	2	21	ATG	TAG	0	0
mORF_+_4576880	4576880	4576888	+	2	9	GTG	TAA	0	0
mORF_+_4576924	4576924	4576962	+	1	39	TTG	TAA	0	0
mORF_+_4576973	4576973	4577020	+	2	48	GTG	TAG	0	0
mORF_+_4576983	4576983	4577075	+	3	93	TTG	TGA	0	0
mORF_+_4577036	4577036	4577065	+	2	30	TTG	TAG	0	0

mORF_+_4577068	4577068	4577124	+	1	57	ATG	TAA	0	0	
mORF_+_4577088	4577088	4577384	+	3	297	TTG	TAA	0	0	
mORF_+_4577096	4577096	4577164	+	2	69	GTG	TAA	0	0	
mORF_+_4577207	4577207	4577224	+	2	18	ATG	TAG	0	0	
mORF_+_4577279	4577279	4577293	+	2	15	TTG	TAG	0	0	
mORF_+_4577293	4577293	4577349	+	1	57	GTG	TGA	0	0	
mORF_+_4577315	4577315	4577326	+	2	12	GTG	TAA	0	0	
mORF_+_4577366	4577366	4577422	+	2	57	ATG	TAG	0	0	
mORF_+_4577476	4577476	4577505	+	1	30	TTG	TAA	0	0	
mORF_+_4577484	4577484	4577732	+	3	249	GTG	TGA	0	0	
mORF_+_4577498	4577498	4577515	+	2	18	GTG	TAA	0	0	
mORF_+_4577576	4577576	4577611	+	2	36	TTG	TAG	0	0	
mORF_+_4577644	4577644	4577658	+	1	15	GTG	TGA	0	0	
mORF_+_4577648	4577648	4577959	+	2	312	TTG	TAA	0	0	
mORF_+_4577742	4577742	4577765	+	3	24	GTG	TAA	0	0	
mORF_+_4577793	4577793	4577801	+	3	9	GTG	TGA	0	0	
mORF_+_4577809	4577809	4577847	+	1	39	TTG	TAG	0	0	
mORF_+_4577853	4577853	4577885	+	3	33	GTG	TAG	0	0	
mORF_+_4577889	4577889	4577894	+	3	6	TTG	TGA	0	0	
mORF_+_4577901	4577901	4577936	+	3	36	ATG	TAA	0	0	
mORF_+_4577962	4577962	4577991	+	1	30	ATG	TAA	0	0	
mORF_+_4577993	4577993	4578052	+	2	60	ATG	TAA	0	0	
mORF_+_4578009	4578009	4578017	+	3	9	ATG	TAA	0	0	
mORF_+_4578028	4578028	4578087	+	1	60	GTG	TAA	0	0	
mORF_+_4578039	4578039	4578047	+	3	9	TTG	TGA	0	0	
mORF_+_4578072	4578072	4578128	+	3	57	GTG	TAG	0	0	
mORF_+_4578143	4578143	4578316	+	2	174	TTG	TAG	0	0	
mORF_+_4578240	4578240	4578269	+	3	30	TTG	TGA	0	0	
mORF_+_4578253	4578253	4578279	+	1	27	TTG	TAA	0	0	
mORF_+_4578325	4578325	4578372	+	1	48	TTG	TAA	0	0	
mORF_+_4578382	4578382	4578405	+	1	24	TTG	TGA	0	0	
mORF_+_4578389	4578389	4578418	+	2	30	TTG	TGA	0	0	
mORF_+_4578415	4578415	4578462	+	1	48	TTG	TGA	0	0	
mORF_+_4578426	4578426	4578527	+	3	102	TTG	TAA	0	0	
mORF_+_4578506	4578506	4578553	+	2	48	TTG	TGA	0	0	
mORF_+_4578550	4578550	4578561	+	1	12	TTG	TAA	0	0	
mORF_+_4578634	4578634	4578639	+	1	6	TTG	TAA	0	0	
mORF_+_4578641	4578641	4578694	+	2	54	TTG	TGA	0	0	
mORF_+_4578643	4578643	4578654	+	1	12	GTG	TAG	0	0	
mORF_+_4578691	4578691	4578729	+	1	39	TTG	TAG	0	0	
mORF_+_4578722	4578722	4578739	+	2	18	ATG	TGA	0	0	
mORF_+_4578732	4578732	4578797	+	3	66	TTG	TAG	0	0	
mORF_+_4578736	4578736	4578765	+	1	30	ATG	TGA	0	0	
mORF_+_4578826	4578826	4579077	+	1	252	ATG	TGA	0	0	
mORF_+_4578915	4578915	4578986	+	3	72	GTG	TGA	0	0	
mORF_+_4578938	4578938	4579096	+	2	159	TTG	TAA	0	0	
mORF_+_4579002	4579002	4579046	+	3	45	GTG	TAA	0	0	
mORF_+_4579059	4579059	4579112	+	3	54	TTG	TGA	0	0	
mORF_+_4579109	4579109	4579117	+	2	9	GTG	TGA	0	0	
mORF_+_4579114	4579114	4579155	+	1	42	ATG	TAA	0	0	
mORF_+_4579167	4579167	4579250	+	3	84	ATG	TAA	0	0	
mORF_+_4579195	4579195	4579236	+	1	42	ATG	TGA	0	0	
mORF_+_4579226	4579226	4579276	+	2	51	TTG	TGA	0	0	
mORF_+_4579273	4579273	4579380	+	1	108	TTG	TAG	0	0	
mORF_+_4579328	4579328	4579339	+	2	12	TTG	TGA	0	0	
mORF_+_4579343	4579343	4579369	+	2	27	TTG	TAA	0	0	
mORF_+_4579389	4579389	4579433	+	3	45	TTG	TGA	0	0	
mORF_+_4579430	4579430	4579723	+	2	294	GTG	TGA	0	0	
mORF_+_4579702	4579702	4579974	+	1	273	GTG	TGA	0	0	
mORF_+_4579749	4579749	4579838	+	3	90	ATG	TAA	0	0	
mORF_+_4579842	4579842	4580840	+	3	999	GTG	TAA	1	3	pORF_+_4579842
mORF_+_4579898	4579898	4580002	+	2	105	GTG	TAA	0	0	
mORF_+_4579996	4579996	4580031	+	1	36	TTG	TGA	0	0	

mORF_+_4580062	4580062	4580076	+	1	15	ATG	TGA	0	0	
mORF_+_4580101	4580101	4580226	+	1	126	ATG	TGA	0	0	
mORF_+_4580233	4580233	4580511	+	1	279	GTG	TAG	0	0	
mORF_+_4580342	4580342	4580437	+	2	96	TTG	TAA	0	0	
mORF_+_4580596	4580596	4580802	+	1	207	ATG	TGA	0	0	
mORF_+_4580756	4580756	4580782	+	2	27	GTG	TGA	0	0	
mORF_+_4580824	4580824	4580862	+	1	39	TTG	TAG	0	0	
mORF_+_4580841	4580841	4581140	+	3	300	ATG	TAA	1	2	pORF_+_4580841
mORF_+_4580884	4580884	4580913	+	1	30	ATG	TAA	0	0	
mORF_+_4580986	4580986	4580994	+	1	9	TTG	TAG	0	0	
mORF_+_4581025	4581025	4581090	+	1	66	TTG	TAA	0	0	
mORF_+_4581071	4581071	4581076	+	2	6	TTG	TGA	0	0	
mORF_+_4581128	4581128	4581181	+	2	54	TTG	TGA	0	0	
mORF_+_4581178	4581178	4581213	+	1	36	GTG	TGA	0	0	
mORF_+_4581182	4581182	4581259	+	2	78	GTG	TGA	0	0	
mORF_+_4581210	4581210	4581296	+	3	87	GTG	TAA	0	0	
mORF_+_4581256	4581256	4581303	+	1	48	ATG	TGA	0	0	
mORF_+_4581269	4581269	4581436	+	2	168	GTG	TAA	0	0	
mORF_+_4581306	4581306	4581503	+	3	198	TTG	TGA	0	0	
mORF_+_4581455	4581455	4581658	+	2	204	TTG	TAG	0	0	
mORF_+_4581588	4581588	4581785	+	3	198	TTG	TAA	0	0	
mORF_+_4581604	4581604	4581681	+	1	78	ATG	TGA	0	0	
mORF_+_4581712	4581712	4581861	+	1	150	ATG	TGA	0	0	
mORF_+_4581719	4581719	4581997	+	2	279	TTG	TAG	0	0	
mORF_+_4581855	4581855	4582145	+	3	291	TTG	TAG	0	0	
mORF_+_4582091	4582091	4582153	+	2	63	TTG	TGA	0	0	
mORF_+_4582167	4582167	4582244	+	3	78	TTG	TAG	0	0	
mORF_+_4582178	4582178	4582297	+	2	120	TTG	TAA	0	0	
mORF_+_4582302	4582302	4582634	+	3	333	GTG	TAA	0	0	
mORF_+_4582514	4582514	4582918	+	2	405	GTG	TAG	0	0	
mORF_+_4582635	4582635	4582715	+	3	81	TTG	TGA	0	0	
mORF_+_4582728	4582728	4582790	+	3	63	GTG	TAA	0	0	
mORF_+_4582806	4582806	4582823	+	3	18	TTG	TGA	0	0	
mORF_+_4582926	4582926	4582961	+	3	36	GTG	TGA	0	0	
mORF_+_4582958	4582958	4583110	+	2	153	GTG	TGA	0	0	
mORF_+_4582968	4582968	4582979	+	3	12	ATG	TAG	0	0	
mORF_+_4583111	4583111	4583557	+	2	447	TTG	TAA	1	2	pORF_+_4583111
mORF_+_4583118	4583118	4583153	+	3	36	GTG	TGA	0	0	
mORF_+_4583157	4583157	4583441	+	3	285	TTG	TGA	0	0	
mORF_+_4583341	4583341	4583403	+	1	63	TTG	TGA	0	0	
mORF_+_4583407	4583407	4583670	+	1	264	TTG	TAA	0	0	
mORF_+_4583466	4583466	4583492	+	3	27	ATG	TGA	0	0	
mORF_+_4583571	4583571	4583654	+	3	84	TTG	TAG	0	0	
mORF_+_4583675	4583675	4583743	+	2	69	TTG	TGA	0	0	
mORF_+_4583679	4583679	4583747	+	3	69	TTG	TAG	0	0	
mORF_+_4583740	4583740	4583814	+	1	75	GTG	TGA	0	0	
mORF_+_4583747	4583747	4584337	+	2	591	GTG	TAG	0	0	
mORF_+_4583811	4583811	4583891	+	3	81	TTG	TAA	0	0	
mORF_+_4583943	4583943	4584092	+	3	150	ATG	TGA	0	0	
mORF_+_4583971	4583971	4584066	+	1	96	GTG	TAA	0	0	
mORF_+_4584073	4584073	4584084	+	1	12	GTG	TGA	0	0	
mORF_+_4584105	4584105	4584113	+	3	9	TTG	TAA	0	0	
mORF_+_4584139	4584139	4584417	+	1	279	TTG	TAG	0	0	
mORF_+_4584222	4584222	4584245	+	3	24	TTG	TAG	0	0	
mORF_+_4584353	4584353	4584529	+	2	177	GTG	TAA	0	0	
mORF_+_4584417	4584417	4584431	+	3	15	GTG	TAG	0	0	
mORF_+_4584480	4584480	4584494	+	3	15	TTG	TGA	0	0	
mORF_+_4584519	4584519	4584536	+	3	18	ATG	TGA	0	0	
mORF_+_4584533	4584533	4584628	+	2	96	GTG	TAA	0	0	
mORF_+_4584549	4584549	4584602	+	3	54	ATG	TGA	0	0	
mORF_+_4584618	4584618	4584704	+	3	87	ATG	TAG	0	0	
mORF_+_4584638	4584638	4584793	+	2	156	ATG	TAA	0	0	
mORF_+_4584726	4584726	4584734	+	3	9	ATG	TAA	0	0	

mORF_+_4584735	4584735	4584848	+	3	114	GTG	TAG	0	0	
mORF_+_4584784	4584784	4584873	+	1	90	TTG	TGA	0	0	
mORF_+_4584803	4584803	4584826	+	2	24	GTG	TAA	0	0	
mORF_+_4584870	4584870	4584932	+	3	63	ATG	TAG	0	0	
mORF_+_4584905	4584905	4584991	+	2	87	GTG	TGA	0	0	
mORF_+_4584919	4584919	4584924	+	1	6	TTG	TAG	0	0	
mORF_+_4584972	4584972	4585886	+	3	915	ATG	TGA	6	37	pORF_+_4584972
mORF_+_4584988	4584988	4585083	+	1	96	ATG	TAG	0	0	
mORF_+_4585090	4585090	4585170	+	1	81	ATG	TAA	0	0	
mORF_+_4585174	4585174	4585218	+	1	45	GTG	TGA	0	0	
mORF_+_4585208	4585208	4585234	+	2	27	ATG	TGA	0	0	
mORF_+_4585231	4585231	4585263	+	1	33	TTG	TGA	0	0	
mORF_+_4585297	4585297	4585302	+	1	6	TTG	TGA	0	0	
mORF_+_4585303	4585303	4585341	+	1	39	ATG	TAG	0	0	
mORF_+_4585366	4585366	4585404	+	1	39	ATG	TAG	0	0	
mORF_+_4585426	4585426	4585587	+	1	162	GTG	TGA	0	0	
mORF_+_4585594	4585594	4585653	+	1	60	TTG	TAG	0	0	
mORF_+_4585637	4585637	4585753	+	2	117	TTG	TGA	0	0	
mORF_+_4585708	4585708	4585812	+	1	105	GTG	TAA	0	0	
mORF_+_4585879	4585879	4586052	+	1	174	TTG	TAG	0	0	
mORF_+_4585883	4585883	4585927	+	2	45	GTG	TAA	0	0	
mORF_+_4586007	4586007	4586123	+	3	117	ATG	TAG	0	0	
mORF_+_4586113	4586113	4586118	+	1	6	TTG	TAA	0	0	
mORF_+_4586226	4586226	4586450	+	3	225	TTG	TGA	0	0	
mORF_+_4586257	4586257	4586343	+	1	87	TTG	TAG	0	0	
mORF_+_4586348	4586348	4586362	+	2	15	GTG	TGA	0	0	
mORF_+_4586359	4586359	4586439	+	1	81	TTG	TAG	0	0	
mORF_+_4586447	4586447	4586464	+	2	18	GTG	TGA	0	0	
mORF_+_4586458	4586458	4586529	+	1	72	ATG	TAA	0	0	
mORF_+_4586487	4586487	4586540	+	3	54	ATG	TAA	0	0	
mORF_+_4586547	4586547	4586660	+	3	114	ATG	TAG	0	0	
mORF_+_4586587	4586587	4586622	+	1	36	ATG	TGA	0	0	
mORF_+_4586626	4586626	4586748	+	1	123	TTG	TGA	0	0	
mORF_+_4586745	4586745	4586852	+	3	108	TTG	TAA	0	0	
mORF_+_4586794	4586794	4586799	+	1	6	TTG	TAG	0	0	
mORF_+_4586833	4586833	4587090	+	1	258	GTG	TAA	0	0	
mORF_+_4586978	4586978	4587022	+	2	45	ATG	TAG	0	0	
mORF_+_4587023	4587023	4587031	+	2	9	TTG	TAG	0	0	
mORF_+_4587038	4587038	4587145	+	2	108	ATG	TAA	0	0	
mORF_+_4587078	4587078	4587104	+	3	27	TTG	TAG	0	0	
mORF_+_4587155	4587155	4588705	+	2	1551	GTG	TGA	0	0	
mORF_+_4587190	4587190	4587255	+	1	66	TTG	TGA	0	0	
mORF_+_4587210	4587210	4587263	+	3	54	TTG	TAG	0	0	
mORF_+_4587267	4587267	4587320	+	3	54	ATG	TAG	0	0	
mORF_+_4587321	4587321	4587413	+	3	93	TTG	TAG	0	0	
mORF_+_4587403	4587403	4587444	+	1	42	TTG	TGA	0	0	
mORF_+_4587435	4587435	4587647	+	3	213	TTG	TGA	0	0	
mORF_+_4587690	4587690	4587833	+	3	144	ATG	TGA	0	0	
mORF_+_4587846	4587846	4588130	+	3	285	ATG	TAA	0	0	
mORF_+_4588015	4588015	4588023	+	1	9	GTG	TAA	0	0	
mORF_+_4588143	4588143	4588205	+	3	63	ATG	TAG	0	0	
mORF_+_4588195	4588195	4588212	+	1	18	TTG	TGA	0	0	
mORF_+_4588209	4588209	4588457	+	3	249	ATG	TAG	0	0	
mORF_+_4588243	4588243	4588305	+	1	63	TTG	TGA	0	0	
mORF_+_4588447	4588447	4588530	+	1	84	TTG	TAA	0	0	
mORF_+_4588530	4588530	4588577	+	3	48	ATG	TGA	0	0	
mORF_+_4588552	4588552	4588602	+	1	51	GTG	TAG	0	0	
mORF_+_4588626	4588626	4588673	+	3	48	ATG	TAG	0	0	
mORF_+_4588702	4588702	4588716	+	1	15	TTG	TGA	0	0	
mORF_+_4588713	4588713	4588907	+	3	195	GTG	TGA	0	0	
mORF_+_4588861	4588861	4588887	+	1	27	ATG	TAA	0	0	
mORF_+_4588947	4588947	4588961	+	3	15	GTG	TAG	0	0	
mORF_+_4589021	4589021	4589221	+	2	201	GTG	TAA	1	2	pORF_+_4589021

mORF+_4589046	4589046	4589060	+	3	15	TTG	TAG	0	0	
mORF+_4589073	4589073	4589144	+	3	72	TTG	TAG	0	0	
mORF+_4589202	4589202	4589324	+	3	123	ATG	TGA	0	0	
mORF+_4589221	4589221	4589253	+	1	33	ATG	TGA	0	0	
mORF+_4589276	4589276	4589350	+	2	75	GTG	TAG	0	0	
mORF+_4589332	4589332	4589367	+	1	36	TTG	TGA	0	0	
mORF+_4589358	4589358	4589375	+	3	18	TTG	TAA	0	0	
mORF+_4589377	4589377	4589394	+	1	18	TTG	TAG	0	0	
mORF+_4589394	4589394	4589432	+	3	39	GTG	TAA	0	0	
mORF+_4589441	4589441	4589461	+	2	21	GTG	TAA	0	0	
mORF+_4589472	4589472	4589501	+	3	30	TTG	TAA	0	0	
mORF+_4589502	4589502	4589519	+	3	18	GTG	TGA	0	0	
mORF+_4589516	4589516	4589548	+	2	33	GTG	TAA	0	0	
mORF+_4589539	4589539	4589544	+	1	6	TTG	TGA	0	0	
mORF+_4589541	4589541	4589561	+	3	21	GTG	TAA	0	0	
mORF+_4589552	4589552	4589557	+	2	6	ATG	TAA	0	0	
mORF+_4589561	4589561	4589572	+	2	12	ATG	TAA	0	0	
mORF+_4589580	4589580	4589585	+	3	6	GTG	TGA	0	0	
mORF+_4589582	4589582	4589605	+	2	24	GTG	TAA	0	0	
mORF+_4589652	4589652	4589771	+	3	120	TTG	TAA	0	0	
mORF+_4589680	4589680	4591335	+	1	1656	ATG	TAA	58	1343	pORF+_4589680
mORF+_4589699	4589699	4589704	+	2	6	TTG	TGA	0	0	
mORF+_4589732	4589732	4589749	+	2	18	TTG	TGA	0	0	
mORF+_4589771	4589771	4589779	+	2	9	ATG	TAA	0	0	
mORF+_4589783	4589783	4589839	+	2	57	ATG	TGA	0	0	
mORF+_4589840	4589840	4589905	+	2	66	ATG	TGA	0	0	
mORF+_4589921	4589921	4589950	+	2	30	TTG	TGA	0	0	
mORF+_4589957	4589957	4589974	+	2	18	GTG	TGA	0	0	
mORF+_4590017	4590017	4590097	+	2	81	GTG	TGA	0	0	
mORF+_4590110	4590110	4590277	+	2	168	GTG	TGA	0	0	
mORF+_4590258	4590258	4590323	+	3	66	GTG	TAA	0	0	
mORF+_4590356	4590356	4590394	+	2	39	TTG	TGA	0	0	
mORF+_4590401	4590401	4590469	+	2	69	TTG	TGA	0	0	
mORF+_4590482	4590482	4590616	+	2	135	GTG	TGA	0	0	
mORF+_4590644	4590644	4590673	+	2	30	ATG	TAA	0	0	
mORF+_4590674	4590674	4590712	+	2	39	GTG	TAG	0	0	
mORF+_4590782	4590782	4590820	+	2	39	TTG	TGA	0	0	
mORF+_4590830	4590830	4590940	+	2	111	TTG	TGA	0	0	
mORF+_4590941	4590941	4591027	+	2	87	TTG	TGA	0	0	
mORF+_4591055	4591055	4591105	+	2	51	TTG	TAG	0	0	
mORF+_4591109	4591109	4591129	+	2	21	TTG	TAA	0	0	
mORF+_4591244	4591244	4591264	+	2	21	GTG	TAA	0	0	
mORF+_4591341	4591341	4591406	+	3	66	ATG	TGA	0	0	
mORF+_4591363	4591363	4591473	+	1	111	ATG	TAG	0	0	
mORF+_4591403	4591403	4591414	+	2	12	TTG	TGA	0	0	
mORF+_4591427	4591427	4591639	+	2	213	ATG	TGA	0	0	
mORF+_4591437	4591437	4591454	+	3	18	GTG	TGA	0	0	
mORF+_4591473	4591473	4591508	+	3	36	GTG	TAA	0	0	
mORF+_4591489	4591489	4591872	+	1	384	GTG	TAA	0	0	
mORF+_4591623	4591623	4591712	+	3	90	ATG	TAA	0	0	
mORF+_4591655	4591655	4591804	+	2	150	ATG	TAA	0	0	
mORF+_4591808	4591808	4591885	+	2	78	TTG	TAG	0	0	
mORF+_4591891	4591891	4592394	+	1	504	TTG	TGA	0	0	
mORF+_4591931	4591931	4591936	+	2	6	GTG	TAG	0	0	
mORF+_4591937	4591937	4592053	+	2	117	TTG	TAA	0	0	
mORF+_4591971	4591971	4592012	+	3	42	TTG	TGA	0	0	
mORF+_4592090	4592090	4592098	+	2	9	TTG	TAG	0	0	
mORF+_4592114	4592114	4592479	+	2	366	ATG	TAA	0	0	
mORF+_4592196	4592196	4592222	+	3	27	GTG	TAG	0	0	
mORF+_4592298	4592298	4592357	+	3	60	ATG	TAA	0	0	
mORF+_4592379	4592379	4592588	+	3	210	TTG	TGA	0	0	
mORF+_4592464	4592464	4592487	+	1	24	TTG	TGA	0	0	
mORF+_4592516	4592516	4592584	+	2	69	GTG	TAA	0	0	

mORF_+_4592585	4592585	4592629	+	2	45	TTG	TGA	0	0
mORF_+_4592626	4592626	4592661	+	1	36	TTG	TAA	0	0
mORF_+_4592630	4592630	4592656	+	2	27	ATG	TGA	0	0
mORF_+_4592670	4592670	4592705	+	3	36	GTG	TAA	0	0
mORF_+_4592706	4592706	4592729	+	3	24	ATG	TGA	0	0
mORF_+_4592723	4592723	4592830	+	2	108	ATG	TAG	0	0
mORF_+_4592773	4592773	4592784	+	1	12	TTG	TAA	0	0
mORF_+_4592785	4592785	4592805	+	1	21	TTG	TGA	0	0
mORF_+_4592787	4592787	4592822	+	3	36	GTG	TAA	0	0
mORF_+_4592871	4592871	4592876	+	3	6	TTG	TGA	0	0
mORF_+_4592873	4592873	4592935	+	2	63	GTG	TAA	0	0
mORF_+_4592923	4592923	4592952	+	1	30	GTG	TAA	0	0
mORF_+_4592940	4592940	4592963	+	3	24	TTG	TAA	0	0
mORF_+_4592963	4592963	4593004	+	2	42	ATG	TGA	0	0
mORF_+_4592976	4592976	4593143	+	3	168	GTG	TGA	0	0
mORF_+_4593001	4593001	4593012	+	1	12	TTG	TAG	0	0
mORF_+_4593005	4593005	4593016	+	2	12	TTG	TGA	0	0
mORF_+_4593023	4593023	4593166	+	2	144	ATG	TGA	0	0
mORF_+_4593159	4593159	4593185	+	3	27	ATG	TGA	0	0
mORF_+_4593182	4593182	4593211	+	2	30	TTG	TGA	0	0
mORF_+_4593198	4593198	4593227	+	3	30	TTG	TGA	0	0
mORF_+_4593224	4593224	4593286	+	2	63	GTG	TAG	0	0
mORF_+_4593252	4593252	4593293	+	3	42	ATG	TGA	0	0
mORF_+_4593290	4593290	4593364	+	2	75	ATG	TGA	0	0
mORF_+_4593303	4593303	4593335	+	3	33	ATG	TGA	0	0
mORF_+_4593345	4593345	4593359	+	3	15	TTG	TGA	0	0
mORF_+_4593361	4593361	4593462	+	1	102	GTG	TAA	0	0
mORF_+_4593365	4593365	4593388	+	2	24	ATG	TAG	0	0
mORF_+_4593413	4593413	4593484	+	2	72	TTG	TAA	0	0
mORF_+_4593429	4593429	4593458	+	3	30	ATG	TGA	0	0
mORF_+_4593533	4593533	4593565	+	2	33	TTG	TAA	0	0
mORF_+_4593585	4593585	4593683	+	3	99	GTG	TAG	0	0
mORF_+_4593614	4593614	4593628	+	2	15	TTG	TGA	0	0
mORF_+_4593625	4593625	4593636	+	1	12	TTG	TAG	0	0
mORF_+_4593656	4593656	4593721	+	2	66	ATG	TAA	0	0
mORF_+_4593722	4593722	4593856	+	2	135	GTG	TAA	0	0
mORF_+_4593744	4593744	4593809	+	3	66	GTG	TGA	0	0
mORF_+_4593787	4593787	4593831	+	1	45	ATG	TGA	0	0
mORF_+_4593828	4593828	4593890	+	3	63	ATG	TGA	0	0
mORF_+_4593860	4593860	4593865	+	2	6	TTG	TGA	0	0
mORF_+_4593862	4593862	4594092	+	1	231	GTG	TGA	0	0
mORF_+_4593887	4593887	4593979	+	2	93	GTG	TGA	0	0
mORF_+_4593921	4593921	4593986	+	3	66	ATG	TAA	0	0
mORF_+_4593998	4593998	4595035	+	2	1038	GTG	TGA	0	0
mORF_+_4594026	4594026	4594034	+	3	9	ATG	TAA	0	0
mORF_+_4594089	4594089	4594106	+	3	18	GTG	TAA	0	0
mORF_+_4594129	4594129	4594176	+	1	48	TTG	TAG	0	0
mORF_+_4594146	4594146	4594193	+	3	48	ATG	TAG	0	0
mORF_+_4594197	4594197	4594271	+	3	75	ATG	TGA	0	0
mORF_+_4594204	4594204	4594230	+	1	27	ATG	TAA	0	0
mORF_+_4594278	4594278	4594385	+	3	108	ATG	TGA	0	0
mORF_+_4594294	4594294	4594308	+	1	15	ATG	TAA	0	0
mORF_+_4594324	4594324	4594332	+	1	9	TTG	TGA	0	0
mORF_+_4594422	4594422	4594445	+	3	24	TTG	TGA	0	0
mORF_+_4594446	4594446	4594715	+	3	270	TTG	TGA	0	0
mORF_+_4594737	4594737	4594745	+	3	9	ATG	TGA	0	0
mORF_+_4594788	4594788	4594856	+	3	69	TTG	TGA	0	0
mORF_+_4594887	4594887	4594907	+	3	21	TTG	TGA	0	0
mORF_+_4594989	4594989	4594994	+	3	6	ATG	TGA	0	0
mORF_+_4595004	4595004	4595012	+	3	9	GTG	TAA	0	0
mORF_+_4595055	4595055	4595126	+	3	72	TTG	TAG	0	0
mORF_+_4595060	4595060	4595119	+	2	60	ATG	TAA	0	0
mORF_+_4595077	4595077	4595106	+	1	30	GTG	TAA	0	0

mORF_+_4595132	4595132	4595137	+	2	6	GTG	TAG	0	0
mORF_+_4595148	4595148	4595198	+	3	51	ATG	TAA	0	0
mORF_+_4595207	4595207	4595596	+	2	390	ATG	TAG	0	0
mORF_+_4595233	4595233	4595262	+	1	30	GTG	TGA	0	0
mORF_+_4595259	4595259	4595390	+	3	132	TTG	TAG	0	0
mORF_+_4595317	4595317	4595871	+	1	555	ATG	TGA	0	0
mORF_+_4595412	4595412	4595426	+	3	15	ATG	TAA	0	0
mORF_+_4595633	4595633	4595644	+	2	12	TTG	TAA	0	0
mORF_+_4595651	4595651	4595713	+	2	63	ATG	TGA	0	0
mORF_+_4595673	4595673	4595984	+	3	312	ATG	TGA	0	0
mORF_+_4595759	4595759	4595803	+	2	45	GTG	TAG	0	0
mORF_+_4595825	4595825	4596118	+	2	294	TTG	TAG	0	0
mORF_+_4595938	4595938	4596093	+	1	156	ATG	TAA	0	0
mORF_+_4596042	4596042	4596056	+	3	15	ATG	TGA	0	0
mORF_+_4596134	4596134	4596391	+	2	258	ATG	TGA	0	0
mORF_+_4596190	4596190	4596279	+	1	90	TTG	TAA	0	0
mORF_+_4596280	4596280	4596324	+	1	45	ATG	TGA	0	0
mORF_+_4596321	4596321	4596332	+	3	12	GTG	TGA	0	0
mORF_+_4596384	4596384	4596443	+	3	60	ATG	TAA	0	0
mORF_+_4596419	4596419	4596457	+	2	39	TTG	TGA	0	0
mORF_+_4596454	4596454	4596486	+	1	33	GTG	TGA	0	0
mORF_+_4596483	4596483	4596869	+	3	387	GTG	TGA	0	0
mORF_+_4596569	4596569	4596577	+	2	9	TTG	TAG	0	0
mORF_+_4596577	4596577	4596612	+	1	36	GTG	TGA	0	0
mORF_+_4596622	4596622	4597050	+	1	429	GTG	TGA	0	0
mORF_+_4596734	4596734	4596811	+	2	78	ATG	TGA	0	0
mORF_+_4596821	4596821	4596838	+	2	18	ATG	TAA	0	0
mORF_+_4596860	4596860	4596940	+	2	81	GTG	TAG	0	0
mORF_+_4596977	4596977	4597018	+	2	42	TTG	TAA	0	0
mORF_+_4597047	4597047	4597247	+	3	201	GTG	TGA	0	0
mORF_+_4597144	4597144	4597275	+	1	132	ATG	TAA	0	0
mORF_+_4597217	4597217	4597282	+	2	66	ATG	TAG	0	0
mORF_+_4597334	4597334	4597417	+	2	84	GTG	TAA	0	0
mORF_+_4597410	4597410	4597481	+	3	72	ATG	TAA	0	0
mORF_+_4597512	4597512	4597529	+	3	18	TTG	TAA	0	0
mORF_+_4597529	4597529	4597582	+	2	54	ATG	TAG	0	0
mORF_+_4597543	4597543	4597557	+	1	15	TTG	TAG	0	0
mORF_+_4597557	4597557	4597589	+	3	33	GTG	TAG	0	0
mORF_+_4597573	4597573	4597596	+	1	24	ATG	TAA	0	0
mORF_+_4597607	4597607	4597699	+	2	93	TTG	TAA	0	0
mORF_+_4597626	4597626	4597631	+	3	6	GTG	TAA	0	0
mORF_+_4597725	4597725	4597823	+	3	99	ATG	TGA	0	0
mORF_+_4597792	4597792	4597815	+	1	24	TTG	TGA	0	0
mORF_+_4597817	4597817	4598014	+	2	198	TTG	TAA	0	0
mORF_+_4597830	4597830	4597850	+	3	21	TTG	TGA	0	0
mORF_+_4597851	4597851	4597865	+	3	15	ATG	TAG	0	0
mORF_+_4597866	4597866	4598264	+	3	399	TTG	TAA	0	0
mORF_+_4598047	4598047	4598199	+	1	153	ATG	TAA	0	0
mORF_+_4598087	4598087	4598161	+	2	75	TTG	TAA	0	0
mORF_+_4598192	4598192	4598626	+	2	435	ATG	TAG	0	0
mORF_+_4598224	4598224	4598307	+	1	84	GTG	TGA	0	0
mORF_+_4598304	4598304	4598780	+	3	477	TTG	TAG	0	0
mORF_+_4598407	4598407	4598448	+	1	42	TTG	TGA	0	0
mORF_+_4598644	4598644	4598694	+	1	51	TTG	TGA	0	0
mORF_+_4598657	4598657	4598746	+	2	90	ATG	TAA	0	0
mORF_+_4598801	4598801	4598914	+	2	114	ATG	TAG	0	0
mORF_+_4598806	4598806	4598829	+	1	24	GTG	TAA	0	0
mORF_+_4598832	4598832	4599011	+	3	180	GTG	TGA	0	0
mORF_+_4598932	4598932	4598943	+	1	12	ATG	TGA	0	0
mORF_+_4598945	4598945	4599136	+	2	192	ATG	TGA	0	0
mORF_+_4599018	4599018	4599044	+	3	27	GTG	TGA	0	0
mORF_+_4599025	4599025	4599174	+	1	150	TTG	TGA	0	0
mORF_+_4599167	4599167	4599319	+	2	153	ATG	TGA	0	0

mORF_+_4599171	4599171	4599239	+	3	69	ATG	TAA	0	0
mORF_+_4599253	4599253	4599582	+	1	330	TTG	TAA	0	0
mORF_+_4599396	4599396	4599407	+	3	12	GTG	TGA	0	0
mORF_+_4599404	4599404	4599415	+	2	12	GTG	TAA	0	0
mORF_+_4599428	4599428	4599484	+	2	57	TTG	TGA	0	0
mORF_+_4599465	4599465	4599566	+	3	102	TTG	TGA	0	0
mORF_+_4599563	4599563	4599679	+	2	117	ATG	TAA	0	0
mORF_+_4599628	4599628	4599732	+	1	105	GTG	TAA	0	0
mORF_+_4599663	4599663	4599773	+	3	111	TTG	TAA	0	0
mORF_+_4599805	4599805	4599837	+	1	33	TTG	TAG	0	0
mORF_+_4599822	4599822	4599896	+	3	75	ATG	TGA	0	0
mORF_+_4599869	4599869	4599937	+	2	69	ATG	TGA	0	0
mORF_+_4599903	4599903	4599986	+	3	84	ATG	TGA	0	0
mORF_+_4599934	4599934	4600038	+	1	105	TTG	TGA	0	0
mORF_+_4599983	4599983	4600018	+	2	36	ATG	TAA	0	0
mORF_+_4600035	4600035	4600169	+	3	135	TTG	TAG	0	0
mORF_+_4600173	4600173	4600217	+	3	45	GTG	TGA	0	0
mORF_+_4600214	4600214	4600393	+	2	180	TTG	TGA	0	0
mORF_+_4600219	4600219	4600272	+	1	54	GTG	TAG	0	0
mORF_+_4600327	4600327	4600521	+	1	195	TTG	TAA	0	0
mORF_+_4600386	4600386	4600454	+	3	69	GTG	TGA	0	0
mORF_+_4600451	4600451	4600543	+	2	93	GTG	TAA	0	0
mORF_+_4600536	4600536	4600565	+	3	30	TTG	TAA	0	0
mORF_+_4600558	4600558	4600779	+	1	222	TTG	TGA	0	0
mORF_+_4600583	4600583	4600588	+	2	6	TTG	TAA	0	0
mORF_+_4600619	4600619	4600666	+	2	48	ATG	TGA	0	0
mORF_+_4600674	4600674	4600703	+	3	30	GTG	TAA	0	0
mORF_+_4600707	4600707	4600736	+	3	30	TTG	TAG	0	0
mORF_+_4600718	4600718	4600900	+	2	183	ATG	TAG	0	0
mORF_+_4600761	4600761	4600883	+	3	123	GTG	TAA	0	0
mORF_+_4600813	4600813	4600830	+	1	18	ATG	TAA	0	0
mORF_+_4600867	4600867	4600989	+	1	123	TTG	TGA	0	0
mORF_+_4600913	4600913	4600924	+	2	12	TTG	TAA	0	0
mORF_+_4600943	4600943	4600972	+	2	30	ATG	TAA	0	0
mORF_+_4600959	4600959	4600967	+	3	9	TTG	TAG	0	0
mORF_+_4601017	4601017	4601151	+	1	135	GTG	TAA	0	0
mORF_+_4601060	4601060	4601113	+	2	54	ATG	TAA	0	0
mORF_+_4601091	4601091	4601120	+	3	30	TTG	TAA	0	0
mORF_+_4601167	4601167	4601232	+	1	66	TTG	TAA	0	0
mORF_+_4601178	4601178	4601189	+	3	12	TTG	TGA	0	0
mORF_+_4601186	4601186	4601221	+	2	36	GTG	TAA	0	0
mORF_+_4601233	4601233	4601259	+	1	27	ATG	TAA	0	0
mORF_+_4601237	4601237	4601242	+	2	6	ATG	TGA	0	0
mORF_+_4601277	4601277	4601282	+	3	6	ATG	TAG	0	0
mORF_+_4601292	4601292	4601384	+	3	93	ATG	TGA	0	0
mORF_+_4601323	4601323	4601340	+	1	18	TTG	TGA	0	0
mORF_+_4601344	4601344	4601379	+	1	36	ATG	TGA	0	0
mORF_+_4601360	4601360	4601416	+	2	57	GTG	TAA	0	0
mORF_+_4601391	4601391	4601462	+	3	72	ATG	TAA	0	0
mORF_+_4601426	4601426	4601449	+	2	24	TTG	TGA	0	0
mORF_+_4601446	4601446	4601472	+	1	27	ATG	TAA	0	0
mORF_+_4601483	4601483	4601566	+	2	84	GTG	TAA	0	0
mORF_+_4601487	4601487	4601540	+	3	54	ATG	TAA	0	0
mORF_+_4601500	4601500	4602225	+	1	726	ATG	TAG	0	0
mORF_+_4601597	4601597	4601605	+	2	9	ATG	TAA	0	0
mORF_+_4601666	4601666	4601677	+	2	12	TTG	TAG	0	0
mORF_+_4601681	4601681	4601728	+	2	48	GTG	TAA	0	0
mORF_+_4601706	4601706	4601711	+	3	6	TTG	TGA	0	0
mORF_+_4601805	4601805	4601831	+	3	27	GTG	TGA	0	0
mORF_+_4601831	4601831	4601908	+	2	78	ATG	TGA	0	0
mORF_+_4601933	4601933	4601995	+	2	63	ATG	TAG	0	0
mORF_+_4602003	4602003	4602035	+	3	33	ATG	TAA	0	0
mORF_+_4602071	4602071	4602124	+	2	54	GTG	TAA	0	0

mORF_+_4602117	4602117	4602128	+	3	12	ATG	TAG	0	0
mORF_+_4602137	4602137	4602202	+	2	66	GTG	TAA	0	0
mORF_+_4602183	4602183	4602860	+	3	678	ATG	TAA	0	0
mORF_+_4602230	4602230	4602244	+	2	15	ATG	TAG	0	0
mORF_+_4602253	4602253	4602381	+	1	129	TTG	TGA	0	0
mORF_+_4602385	4602385	4602414	+	1	30	GTG	TGA	0	0
mORF_+_4602407	4602407	4602418	+	2	12	TTG	TGA	0	0
mORF_+_4602457	4602457	4602486	+	1	30	TTG	TGA	0	0
mORF_+_4602487	4602487	4602525	+	1	39	TTG	TAA	0	0
mORF_+_4602577	4602577	4602606	+	1	30	ATG	TGA	0	0
mORF_+_4602614	4602614	4602625	+	2	12	GTG	TAA	0	0
mORF_+_4602679	4602679	4602693	+	1	15	GTG	TGA	0	0
mORF_+_4602700	4602700	4602756	+	1	57	TTG	TGA	0	0
mORF_+_4602815	4602815	4602841	+	2	27	ATG	TAA	0	0
mORF_+_4602841	4602841	4602939	+	1	99	ATG	TAA	0	0
mORF_+_4602866	4602866	4602946	+	2	81	ATG	TAA	0	0
mORF_+_4602959	4602959	4603123	+	2	165	GTG	TAA	0	0
mORF_+_4603005	4603005	4603028	+	3	24	GTG	TGA	0	0
mORF_+_4603051	4603051	4603173	+	1	123	ATG	TAG	0	0
mORF_+_4603145	4603145	4603300	+	2	156	TTG	TGA	0	0
mORF_+_4603173	4603173	4603205	+	3	33	GTG	TGA	0	0
mORF_+_4603177	4603177	4603209	+	1	33	TTG	TAA	0	0
mORF_+_4603222	4603222	4603335	+	1	114	ATG	TAA	0	0
mORF_+_4603236	4603236	4603532	+	3	297	GTG	TAA	0	0
mORF_+_4603396	4603396	4603407	+	1	12	TTG	TAG	0	0
mORF_+_4603421	4603421	4603456	+	2	36	TTG	TAG	0	0
mORF_+_4603444	4603444	4603491	+	1	48	TTG	TAG	0	0
mORF_+_4603510	4603510	4603722	+	1	213	TTG	TAA	0	0
mORF_+_4603523	4603523	4603663	+	2	141	ATG	TAG	0	0
mORF_+_4603533	4603533	4603559	+	3	27	GTG	TAA	0	0
mORF_+_4603584	4603584	4603652	+	3	69	TTG	TGA	0	0
mORF_+_4603668	4603668	4603688	+	3	21	GTG	TAA	0	0
mORF_+_4603706	4603706	4603747	+	2	42	ATG	TAG	0	0
mORF_+_4603716	4603716	4604063	+	3	348	TTG	TGA	0	0
mORF_+_4603765	4603765	4603791	+	1	27	TTG	TGA	0	0
mORF_+_4603810	4603810	4603881	+	1	72	ATG	TGA	0	0
mORF_+_4603882	4603882	4603893	+	1	12	TTG	TGA	0	0
mORF_+_4603897	4603897	4603938	+	1	42	ATG	TGA	0	0
mORF_+_4603919	4603919	4604155	+	2	237	GTG	TGA	0	0
mORF_+_4604020	4604020	4604037	+	1	18	TTG	TGA	0	0
mORF_+_4604101	4604101	4604139	+	1	39	TTG	TAA	0	0
mORF_+_4604207	4604207	4604260	+	2	54	TTG	TAA	0	0
mORF_+_4604241	4604241	4604276	+	3	36	TTG	TGA	0	0
mORF_+_4604313	4604313	4604375	+	3	63	GTG	TAA	0	0
mORF_+_4604330	4604330	4604359	+	2	30	GTG	TGA	0	0
mORF_+_4604356	4604356	4604391	+	1	36	TTG	TGA	0	0
mORF_+_4604448	4604448	4604642	+	3	195	TTG	TAG	0	0
mORF_+_4604513	4604513	4604518	+	2	6	GTG	TAA	0	0
mORF_+_4604519	4604519	4604548	+	2	30	TTG	TAG	0	0
mORF_+_4604530	4604530	4604691	+	1	162	ATG	TAA	0	0
mORF_+_4604558	4604558	4604626	+	2	69	TTG	TAA	0	0
mORF_+_4604720	4604720	4604800	+	2	81	ATG	TAA	0	0
mORF_+_4604749	4604749	4605093	+	1	345	TTG	TGA	0	0
mORF_+_4604775	4604775	4604846	+	3	72	ATG	TAA	0	0
mORF_+_4604921	4604921	4605298	+	2	378	TTG	TAG	0	0
mORF_+_4605006	4605006	4605056	+	3	51	GTG	TGA	0	0
mORF_+_4605139	4605139	4605150	+	1	12	GTG	TAA	0	0
mORF_+_4605461	4605461	4605478	+	2	18	TTG	TAG	0	0
mORF_+_4605515	4605515	4605592	+	2	78	GTG	TGA	0	0
mORF_+_4605571	4605571	4605615	+	1	45	GTG	TAA	0	0
mORF_+_4605664	4605664	4605741	+	1	78	TTG	TGA	0	0
mORF_+_4605702	4605702	4605713	+	3	12	TTG	TAA	0	0
mORF_+_4605714	4605714	4605977	+	3	264	ATG	TGA	0	0

mORF_+_4605722	4605722	4605829	+	2	108	ATG	TGA	0	0	
mORF_+_4605787	4605787	4605807	+	1	21	TTG	TGA	0	0	
mORF_+_4605826	4605826	4606239	+	1	414	ATG	TGA	2	16	pORF_+_4605826
mORF_+_4605911	4605911	4605946	+	2	36	TTG	TGA	0	0	
mORF_+_4605992	4605992	4606009	+	2	18	ATG	TAA	0	0	
mORF_+_4606086	4606086	4606103	+	3	18	TTG	TGA	0	0	
mORF_+_4606188	4606188	4606211	+	3	24	ATG	TGA	0	0	
mORF_+_4606208	4606208	4606654	+	2	447	ATG	TAA	1	4	pORF_+_4606208
mORF_+_4606260	4606260	4606343	+	3	84	TTG	TAA	0	0	
mORF_+_4606285	4606285	4606293	+	1	9	GTG	TGA	0	0	
mORF_+_4606368	4606368	4606472	+	3	105	TTG	TGA	0	0	
mORF_+_4606507	4606507	4606569	+	1	63	ATG	TAA	0	0	
mORF_+_4606521	4606521	4606562	+	3	42	GTG	TAG	0	0	
mORF_+_4606661	4606661	4606669	+	2	9	GTG	TAA	0	0	
mORF_+_4606669	4606669	4607346	+	1	678	ATG	TGA	1	2	pORF_+_4606669
mORF_+_4606674	4606674	4606694	+	3	21	GTG	TGA	0	0	
mORF_+_4606691	4606691	4606894	+	2	204	TTG	TGA	1	3	pORF_+_4606691
mORF_+_4606815	4606815	4606874	+	3	60	GTG	TGA	0	0	
mORF_+_4606931	4606931	4607092	+	2	162	ATG	TGA	0	0	
mORF_+_4607105	4607105	4607185	+	2	81	TTG	TGA	0	0	
mORF_+_4607189	4607189	4607254	+	2	66	TTG	TGA	0	0	
mORF_+_4607255	4607255	4607371	+	2	117	ATG	TAA	0	0	
mORF_+_4607334	4607334	4607339	+	3	6	GTG	TAA	0	0	
mORF_+_4607347	4607347	4607364	+	1	18	TTG	TGA	0	0	
mORF_+_4607361	4607361	4607513	+	3	153	TTG	TAA	0	0	
mORF_+_4607410	4607410	4609026	+	1	1617	ATG	TAA	61	342	pORF_+_4607410
mORF_+_4607483	4607483	4607575	+	2	93	TTG	TAA	0	0	
mORF_+_4607582	4607582	4607659	+	2	78	GTG	TGA	0	0	
mORF_+_4607679	4607679	4607690	+	3	12	TTG	TAA	0	0	
mORF_+_4607789	4607789	4607815	+	2	27	GTG	TGA	0	0	
mORF_+_4607867	4607867	4607923	+	2	57	TTG	TGA	0	0	
mORF_+_4607933	4607933	4608067	+	2	135	GTG	TGA	0	0	
mORF_+_4608083	4608083	4608139	+	2	57	ATG	TGA	0	0	
mORF_+_4608176	4608176	4608304	+	2	129	TTG	TAG	0	0	
mORF_+_4608258	4608258	4608290	+	3	33	GTG	TGA	0	0	
mORF_+_4608392	4608392	4608424	+	2	33	GTG	TGA	0	0	
mORF_+_4608452	4608452	4608460	+	2	9	ATG	TGA	0	0	
mORF_+_4608488	4608488	4608589	+	2	102	GTG	TGA	0	0	
mORF_+_4608749	4608749	4608787	+	2	39	TTG	TAG	0	0	
mORF_+_4608812	4608812	4608859	+	2	48	TTG	TAG	0	0	
mORF_+_4608861	4608861	4608899	+	3	39	ATG	TAA	0	0	
mORF_+_4608863	4608863	4609171	+	2	309	GTG	TAA	0	0	
mORF_+_4609030	4609030	4609083	+	1	54	TTG	TAG	0	0	
mORF_+_4609095	4609095	4609160	+	3	66	ATG	TGA	0	0	
mORF_+_4609176	4609176	4609232	+	3	57	GTG	TAA	0	0	
mORF_+_4609211	4609211	4609315	+	2	105	ATG	TGA	0	0	
mORF_+_4609242	4609242	4609262	+	3	21	TTG	TAA	0	0	
mORF_+_4609312	4609312	4609344	+	1	33	GTG	TGA	0	0	
mORF_+_4609325	4609325	4609414	+	2	90	TTG	TAA	0	0	
mORF_+_4609341	4609341	4610024	+	3	684	GTG	TAA	66	996	pORF_+_4609341
mORF_+_4609525	4609525	4609560	+	1	36	ATG	TGA	0	0	
mORF_+_4609582	4609582	4609608	+	1	27	ATG	TGA	0	0	
mORF_+_4609627	4609627	4609659	+	1	33	ATG	TAA	0	0	
mORF_+_4609696	4609696	4609728	+	1	33	TTG	TGA	0	0	
mORF_+_4609744	4609744	4609755	+	1	12	TTG	TGA	0	0	
mORF_+_4609819	4609819	4609890	+	1	72	GTG	TGA	0	0	
mORF_+_4609894	4609894	4609983	+	1	90	TTG	TAG	0	0	
mORF_+_4609984	4609984	4609992	+	1	9	ATG	TGA	0	0	
mORF_+_4610005	4610005	4610013	+	1	9	ATG	TGA	0	0	
mORF_+_4610051	4610051	4610095	+	2	45	TTG	TGA	0	0	
mORF_+_4610068	4610068	4610124	+	1	57	GTG	TGA	0	0	
mORF_+_4610096	4610096	4610245	+	2	150	GTG	TAA	0	0	
mORF_+_4610121	4610121	4610312	+	3	192	GTG	TAG	0	0	

mORF_+_4610203	4610203	4610283	+	1	81	TTG	TGA	0	0	
mORF_+_4610365	4610365	4610376	+	1	12	TTG	TAG	0	0	
mORF_+_4610388	4610388	4610465	+	3	78	TTG	TAA	0	0	
mORF_+_4610398	4610398	4611507	+	1	1110	TTG	TGA	0	0	
mORF_+_4610459	4610459	4610485	+	2	27	TTG	TAA	0	0	
mORF_+_4610517	4610517	4610567	+	3	51	GTG	TGA	0	0	
mORF_+_4610537	4610537	4610911	+	2	375	GTG	TGA	0	0	
mORF_+_4610841	4610841	4610861	+	3	21	GTG	TGA	0	0	
mORF_+_4610924	4610924	4611349	+	2	426	GTG	TAA	0	0	
mORF_+_4611087	4611087	4611119	+	3	33	GTG	TGA	0	0	
mORF_+_4611309	4611309	4611353	+	3	45	ATG	TGA	0	0	
mORF_+_4611404	4611404	4611454	+	2	51	TTG	TGA	0	0	
mORF_+_4611491	4611491	4611541	+	2	51	ATG	TGA	0	0	
mORF_+_4611504	4611504	4612283	+	3	780	TTG	TAG	5	13	pORF_+_4611504
mORF_+_4611538	4611538	4611603	+	1	66	TTG	TAG	0	0	
mORF_+_4611613	4611613	4611660	+	1	48	TTG	TAG	0	0	
mORF_+_4611682	4611682	4611864	+	1	183	ATG	TGA	0	0	
mORF_+_4611842	4611842	4611940	+	2	99	GTG	TAA	0	0	
mORF_+_4612009	4612009	4612038	+	1	30	TTG	TAG	0	0	
mORF_+_4612078	4612078	4612434	+	1	357	ATG	TGA	0	0	
mORF_+_4612202	4612202	4612231	+	2	30	TTG	TGA	0	0	
mORF_+_4612316	4612316	4612333	+	2	18	TTG	TGA	0	0	
mORF_+_4612326	4612326	4612535	+	3	210	ATG	TGA	0	0	
mORF_+_4612427	4612427	4612528	+	2	102	ATG	TAA	0	0	
mORF_+_4612528	4612528	4612872	+	1	345	ATG	TGA	0	0	
mORF_+_4612535	4612535	4612636	+	2	102	ATG	TGA	0	0	
mORF_+_4612629	4612629	4612712	+	3	84	ATG	TAG	0	0	
mORF_+_4612700	4612700	4612753	+	2	54	ATG	TAA	0	0	
mORF_+_4612785	4612785	4612832	+	3	48	GTG	TGA	0	0	
mORF_+_4612802	4612802	4613548	+	2	747	TTG	TAA	0	0	
mORF_+_4612869	4612869	4612907	+	3	39	TTG	TAA	0	0	
mORF_+_4612950	4612950	4612973	+	3	24	TTG	TAG	0	0	
mORF_+_4612974	4612974	4612994	+	3	21	ATG	TGA	0	0	
mORF_+_4613007	4613007	4613018	+	3	12	GTG	TGA	0	0	
mORF_+_4613040	4613040	4613390	+	3	351	TTG	TGA	0	0	
mORF_+_4613053	4613053	4613130	+	1	78	TTG	TGA	0	0	
mORF_+_4613401	4613401	4613535	+	1	135	GTG	TAA	0	0	
mORF_+_4613424	4613424	4613453	+	3	30	TTG	TGA	0	0	
mORF_+_4613460	4613460	4613648	+	3	189	TTG	TGA	0	0	
mORF_+_4613602	4613602	4613694	+	1	93	GTG	TAA	0	0	
mORF_+_4613609	4613609	4613701	+	2	93	GTG	TAA	0	0	
mORF_+_4613728	4613728	4613844	+	1	117	TTG	TAA	0	0	
mORF_+_4613783	4613783	4613803	+	2	21	GTG	TGA	0	0	
mORF_+_4613853	4613853	4613966	+	3	114	ATG	TAA	0	0	
mORF_+_4613881	4613881	4614042	+	1	162	GTG	TAA	0	0	
mORF_+_4613957	4613957	4614034	+	2	78	GTG	TGA	0	0	
mORF_+_4613979	4613979	4614209	+	3	231	TTG	TGA	0	0	
mORF_+_4614053	4614053	4614112	+	2	60	TTG	TAA	0	0	
mORF_+_4614133	4614133	4614216	+	1	84	ATG	TGA	0	0	
mORF_+_4614143	4614143	4614166	+	2	24	TTG	TAA	0	0	
mORF_+_4614206	4614206	4614244	+	2	39	GTG	TGA	0	0	
mORF_+_4614210	4614210	4614275	+	3	66	TTG	TAG	0	0	
mORF_+_4614241	4614241	4614267	+	1	27	ATG	TAG	0	0	
mORF_+_4614277	4614277	4614381	+	1	105	GTG	TAA	0	0	
mORF_+_4614371	4614371	4614412	+	2	42	GTG	TGA	0	0	
mORF_+_4614409	4614409	4614519	+	1	111	GTG	TAG	0	0	
mORF_+_4614423	4614423	4614539	+	3	117	ATG	TGA	0	0	
mORF_+_4614536	4614536	4614583	+	2	48	GTG	TAA	0	0	
mORF_+_4614583	4614583	4614648	+	1	66	ATG	TAA	0	0	
mORF_+_4614612	4614612	4614692	+	3	81	GTG	TAG	0	0	
mORF_+_4614686	4614686	4614700	+	2	15	GTG	TAA	0	0	
mORF_+_4614708	4614708	4614872	+	3	165	TTG	TAA	0	0	
mORF_+_4614749	4614749	4614754	+	2	6	ATG	TGA	0	0	

mORF_+_4614751	4614751	4614774	+	1	24	GTG	TAA	0	0	
mORF_+_4614778	4614778	4614864	+	1	87	ATG	TAA	0	0	
mORF_+_4614794	4614794	4615024	+	2	231	GTG	TAA	0	0	
mORF_+_4614886	4614886	4614900	+	1	15	TTG	TGA	0	0	
mORF_+_4614897	4614897	4615115	+	3	219	ATG	TGA	0	0	
mORF_+_4614976	4614976	4615077	+	1	102	TTG	TGA	0	0	
mORF_+_4615064	4615064	4615189	+	2	126	GTG	TGA	0	0	
mORF_+_4615081	4615081	4615128	+	1	48	GTG	TAA	0	0	
mORF_+_4615137	4615137	4615241	+	3	105	GTG	TAG	0	0	
mORF_+_4615186	4615186	4615224	+	1	39	TTG	TGA	0	0	
mORF_+_4615232	4615232	4615237	+	2	6	TTG	TAA	0	0	
mORF_+_4615252	4615252	4615257	+	1	6	TTG	TGA	0	0	
mORF_+_4615254	4615254	4615349	+	3	96	GTG	TGA	0	0	
mORF_+_4615259	4615259	4615291	+	2	33	GTG	TAG	0	0	
mORF_+_4615285	4615285	4615299	+	1	15	ATG	TAA	0	0	
mORF_+_4615312	4615312	4615344	+	1	33	GTG	TGA	0	0	
mORF_+_4615322	4615322	4616125	+	2	804	TTG	TAA	63	233	pORF_+_4615322
mORF_+_4615374	4615374	4615382	+	3	9	GTG	TGA	0	0	
mORF_+_4615407	4615407	4615433	+	3	27	ATG	TGA	0	0	
mORF_+_4615441	4615441	4615584	+	1	144	GTG	TAA	0	0	
mORF_+_4615509	4615509	4615526	+	3	18	TTG	TGA	0	0	
mORF_+_4615617	4615617	4615676	+	3	60	GTG	TGA	0	0	
mORF_+_4615695	4615695	4615712	+	3	18	TTG	TGA	0	0	
mORF_+_4615729	4615729	4615803	+	1	75	TTG	TAA	0	0	
mORF_+_4615743	4615743	4615754	+	3	12	ATG	TGA	0	0	
mORF_+_4615830	4615830	4615871	+	3	42	GTG	TGA	0	0	
mORF_+_4615914	4615914	4615928	+	3	15	GTG	TAG	0	0	
mORF_+_4615938	4615938	4616081	+	3	144	TTG	TGA	0	0	
mORF_+_4616131	4616131	4616145	+	1	15	ATG	TGA	0	0	
mORF_+_4616145	4616145	4616303	+	3	159	ATG	TGA	0	0	
mORF_+_4616252	4616252	4617574	+	2	1323	TTG	TAA	58	198	pORF_+_4616252
mORF_+_4616307	4616307	4616384	+	3	78	ATG	TGA	0	0	
mORF_+_4616418	4616418	4616429	+	3	12	GTG	TGA	0	0	
mORF_+_4616484	4616484	4616531	+	3	48	ATG	TGA	0	0	
mORF_+_4616664	4616664	4616798	+	3	135	ATG	TGA	0	0	
mORF_+_4616826	4616826	4616852	+	3	27	TTG	TGA	0	0	
mORF_+_4616910	4616910	4616978	+	3	69	TTG	TGA	0	0	
mORF_+_4616997	4616997	4617041	+	3	45	GTG	TGA	0	0	
mORF_+_4617045	4617045	4617104	+	3	60	GTG	TGA	0	0	
mORF_+_4617088	4617088	4617129	+	1	42	GTG	TGA	0	0	
mORF_+_4617126	4617126	4617203	+	3	78	ATG	TAG	0	0	
mORF_+_4617231	4617231	4617269	+	3	39	TTG	TGA	0	0	
mORF_+_4617282	4617282	4617431	+	3	150	ATG	TAG	0	0	
mORF_+_4617519	4617519	4617590	+	3	72	TTG	TGA	0	0	
mORF_+_4617601	4617601	4617612	+	1	12	TTG	TGA	0	0	
mORF_+_4617626	4617626	4618849	+	2	1224	ATG	TGA	75	381	pORF_+_4617626
mORF_+_4617633	4617633	4617794	+	3	162	GTG	TGA	0	0	
mORF_+_4617736	4617736	4617756	+	1	21	TTG	TGA	0	0	
mORF_+_4617886	4617886	4617912	+	1	27	ATG	TAA	0	0	
mORF_+_4617939	4617939	4618109	+	3	171	TTG	TGA	0	0	
mORF_+_4617964	4617964	4618017	+	1	54	GTG	TAA	0	0	
mORF_+_4618158	4618158	4618229	+	3	72	TTG	TGA	0	0	
mORF_+_4618204	4618204	4618221	+	1	18	GTG	TGA	0	0	
mORF_+_4618254	4618254	4618445	+	3	192	GTG	TGA	0	0	
mORF_+_4618470	4618470	4618493	+	3	24	TTG	TGA	0	0	
mORF_+_4618503	4618503	4618622	+	3	120	GTG	TGA	0	0	
mORF_+_4618638	4618638	4618652	+	3	15	ATG	TGA	0	0	
mORF_+_4618672	4618672	4618698	+	1	27	TTG	TGA	0	0	
mORF_+_4618707	4618707	4618745	+	3	39	GTG	TAA	0	0	
mORF_+_4618767	4618767	4618901	+	3	135	GTG	TAA	0	0	
mORF_+_4618849	4618849	4619625	+	1	777	ATG	TAA	82	1501	pORF_+_4618849
mORF_+_4618925	4618925	4618954	+	2	30	ATG	TAG	0	0	
mORF_+_4618979	4618979	4619026	+	2	48	GTG	TGA	0	0	

mORF_+_4619180	4619180	4619203	+	2	24	GTG	TAA	0	0	
mORF_+_4619231	4619231	4619323	+	2	93	GTG	TAG	0	0	
mORF_+_4619324	4619324	4619416	+	2	93	ATG	TGA	0	0	
mORF_+_4619483	4619483	4619500	+	2	18	TTG	TGA	0	0	
mORF_+_4619626	4619626	4619742	+	1	117	TTG	TGA	0	0	
mORF_+_4619628	4619628	4619657	+	3	30	GTG	TGA	0	0	
mORF_+_4619654	4619654	4619689	+	2	36	GTG	TAG	0	0	
mORF_+_4619714	4619714	4619752	+	2	39	TTG	TAA	0	0	
mORF_+_4619739	4619739	4619792	+	3	54	GTG	TAA	0	0	
mORF_+_4619746	4619746	4619808	+	1	63	GTG	TGA	0	0	
mORF_+_4619792	4619792	4621123	+	2	1332	ATG	TAA	0	0	
mORF_+_4619886	4619886	4619909	+	3	24	TTG	TGA	0	0	
mORF_+_4619916	4619916	4620062	+	3	147	TTG	TAA	0	0	
mORF_+_4620034	4620034	4620093	+	1	60	GTG	TGA	0	0	
mORF_+_4620072	4620072	4620113	+	3	42	ATG	TGA	0	0	
mORF_+_4620148	4620148	4620186	+	1	39	GTG	TGA	0	0	
mORF_+_4620186	4620186	4620230	+	3	45	ATG	TGA	0	0	
mORF_+_4620243	4620243	4620464	+	3	222	GTG	TGA	0	0	
mORF_+_4620259	4620259	4620363	+	1	105	TTG	TGA	0	0	
mORF_+_4620502	4620502	4620510	+	1	9	TTG	TGA	0	0	
mORF_+_4620507	4620507	4620518	+	3	12	GTG	TAA	0	0	
mORF_+_4620519	4620519	4620590	+	3	72	TTG	TAA	0	0	
mORF_+_4620627	4620627	4620782	+	3	156	TTG	TGA	0	0	
mORF_+_4620709	4620709	4620738	+	1	30	GTG	TGA	0	0	
mORF_+_4620792	4620792	4620869	+	3	78	TTG	TGA	0	0	
mORF_+_4620900	4620900	4620947	+	3	48	ATG	TGA	0	0	
mORF_+_4620951	4620951	4620983	+	3	33	TTG	TAA	0	0	
mORF_+_4620976	4620976	4621284	+	1	309	TTG	TGA	0	0	
mORF_+_4621059	4621059	4621400	+	3	342	TTG	TGA	0	0	
mORF_+_4621214	4621214	4621681	+	2	468	TTG	TAG	0	0	
mORF_+_4621387	4621387	4621482	+	1	96	ATG	TGA	0	0	
mORF_+_4621467	4621467	4621508	+	3	42	TTG	TAA	0	0	
mORF_+_4621530	4621530	4621649	+	3	120	ATG	TAG	0	0	
mORF_+_4621651	4621651	4621665	+	1	15	TTG	TGA	0	0	
mORF_+_4621674	4621674	4621724	+	3	51	TTG	TAG	0	0	
mORF_+_4621691	4621691	4621735	+	2	45	GTG	TGA	0	0	
mORF_+_4621740	4621740	4622108	+	3	369	TTG	TAA	0	0	
mORF_+_4621901	4621901	4622131	+	2	231	GTG	TAA	0	0	
mORF_+_4622118	4622118	4622393	+	3	276	ATG	TAG	0	0	
mORF_+_4622131	4622131	4622142	+	1	12	ATG	TAA	0	0	
mORF_+_4622155	4622155	4622160	+	1	6	TTG	TAG	0	0	
mORF_+_4622234	4622234	4622263	+	2	30	TTG	TAG	0	0	
mORF_+_4622290	4622290	4622328	+	1	39	TTG	TAG	0	0	
mORF_+_4622345	4622345	4622572	+	2	228	TTG	TAA	0	0	
mORF_+_4622377	4622377	4622442	+	1	66	GTG	TAA	0	0	
mORF_+_4622509	4622509	4622517	+	1	9	GTG	TAA	0	0	
mORF_+_4622592	4622592	4622651	+	3	60	ATG	TGA	0	0	
mORF_+_4622608	4622608	4622715	+	1	108	GTG	TAA	0	0	
mORF_+_4622661	4622661	4622711	+	3	51	GTG	TGA	0	0	
mORF_+_4622702	4622702	4622722	+	2	21	GTG	TGA	0	0	
mORF_+_4622719	4622719	4622826	+	1	108	ATG	TGA	0	0	
mORF_+_4622780	4622780	4623886	+	2	1107	ATG	TAA	6	18	pORF_+_4622780
mORF_+_4622802	4622802	4622834	+	3	33	GTG	TGA	0	0	
mORF_+_4622841	4622841	4622870	+	3	30	ATG	TAG	0	0	
mORF_+_4622875	4622875	4622925	+	1	51	ATG	TAA	0	0	
mORF_+_4622935	4622935	4622949	+	1	15	GTG	TGA	0	0	
mORF_+_4622952	4622952	4622987	+	3	36	ATG	TAA	0	0	
mORF_+_4622962	4622962	4622994	+	1	33	ATG	TGA	0	0	
mORF_+_4622988	4622988	4623002	+	3	15	GTG	TGA	0	0	
mORF_+_4623045	4623045	4623074	+	3	30	ATG	TGA	0	0	
mORF_+_4623096	4623096	4623110	+	3	15	GTG	TGA	0	0	
mORF_+_4623111	4623111	4623146	+	3	36	TTG	TGA	0	0	
mORF_+_4623124	4623124	4623291	+	1	168	GTG	TGA	0	0	

mORF_+_4623207	4623207	4623260	+	3	54	ATG	TGA	0	0	
mORF_+_4623288	4623288	4623347	+	3	60	TTG	TAA	0	0	
mORF_+_4623292	4623292	4623300	+	1	9	ATG	TGA	0	0	
mORF_+_4623399	4623399	4623413	+	3	15	GTG	TGA	0	0	
mORF_+_4623447	4623447	4623464	+	3	18	GTG	TGA	0	0	
mORF_+_4623522	4623522	4623578	+	3	57	TTG	TGA	0	0	
mORF_+_4623594	4623594	4623635	+	3	42	ATG	TGA	0	0	
mORF_+_4623696	4623696	4623755	+	3	60	ATG	TGA	0	0	
mORF_+_4623777	4623777	4623803	+	3	27	TTG	TGA	0	0	
mORF_+_4623804	4623804	4623842	+	3	39	ATG	TGA	0	0	
mORF_+_4623887	4623887	4625317	+	2	1431	TTG	TAA	7	18	pORF_+_4623887
mORF_+_4623960	4623960	4624199	+	3	240	TTG	TAG	0	0	
mORF_+_4623964	4623964	4623969	+	1	6	TTG	TAA	0	0	
mORF_+_4623973	4623973	4624077	+	1	105	ATG	TAA	0	0	
mORF_+_4624221	4624221	4624232	+	3	12	GTG	TGA	0	0	
mORF_+_4624233	4624233	4624304	+	3	72	TTG	TGA	0	0	
mORF_+_4624282	4624282	4624380	+	1	99	GTG	TGA	0	0	
mORF_+_4624314	4624314	4624427	+	3	114	ATG	TGA	0	0	
mORF_+_4624428	4624428	4624454	+	3	27	TTG	TGA	0	0	
mORF_+_4624461	4624461	4624478	+	3	18	TTG	TGA	0	0	
mORF_+_4624491	4624491	4624547	+	3	57	ATG	TGA	0	0	
mORF_+_4624569	4624569	4624598	+	3	30	GTG	TAA	0	0	
mORF_+_4624605	4624605	4624727	+	3	123	ATG	TGA	0	0	
mORF_+_4624728	4624728	4624751	+	3	24	ATG	TGA	0	0	
mORF_+_4624767	4624767	4624799	+	3	33	GTG	TAA	0	0	
mORF_+_4624809	4624809	4624817	+	3	9	ATG	TGA	0	0	
mORF_+_4624843	4624843	4625130	+	1	288	ATG	TGA	1	5	pORF_+_4624843
mORF_+_4624980	4624980	4625015	+	3	36	GTG	TGA	0	0	
mORF_+_4625049	4625049	4625060	+	3	12	GTG	TAG	0	0	
mORF_+_4625124	4625124	4625351	+	3	228	TTG	TGA	0	0	
mORF_+_4625317	4625317	4626570	+	1	1254	ATG	TAA	10	25	pORF_+_4625317
mORF_+_4625348	4625348	4625359	+	2	12	TTG	TGA	0	0	
mORF_+_4625405	4625405	4625419	+	2	15	ATG	TGA	0	0	
mORF_+_4625447	4625447	4625860	+	2	414	ATG	TGA	0	0	
mORF_+_4625712	4625712	4625732	+	3	21	TTG	TAA	0	0	
mORF_+_4625805	4625805	4625837	+	3	33	GTG	TGA	0	0	
mORF_+_4625882	4625882	4625950	+	2	69	ATG	TGA	0	0	
mORF_+_4625960	4625960	4626016	+	2	57	GTG	TGA	0	0	
mORF_+_4626026	4626026	4626082	+	2	57	TTG	TAA	0	0	
mORF_+_4626089	4626089	4626235	+	2	147	TTG	TGA	0	0	
mORF_+_4626117	4626117	4626161	+	3	45	GTG	TGA	0	0	
mORF_+_4626239	4626239	4626337	+	2	99	ATG	TGA	0	0	
mORF_+_4626338	4626338	4626364	+	2	27	TTG	TGA	0	0	
mORF_+_4626387	4626387	4626497	+	3	111	GTG	TGA	0	0	
mORF_+_4626398	4626398	4626553	+	2	156	ATG	TGA	0	0	
mORF_+_4626573	4626573	4626602	+	3	30	GTG	TAA	0	0	
mORF_+_4626604	4626604	4626771	+	1	168	ATG	TGA	0	0	
mORF_+_4626614	4626614	4626625	+	2	12	TTG	TGA	0	0	
mORF_+_4626698	4626698	4626721	+	2	24	TTG	TAG	0	0	
mORF_+_4626732	4626732	4627007	+	3	276	GTG	TAA	0	0	
mORF_+_4626764	4626764	4626820	+	2	57	ATG	TGA	0	0	
mORF_+_4626817	4626817	4626837	+	1	21	TTG	TAG	0	0	
mORF_+_4627014	4627014	4627235	+	3	222	ATG	TGA	0	0	
mORF_+_4627016	4627016	4627357	+	2	342	GTG	TGA	0	0	
mORF_+_4627132	4627132	4627248	+	1	117	TTG	TAA	0	0	
mORF_+_4627276	4627276	4627305	+	1	30	TTG	TGA	0	0	
mORF_+_4627287	4627287	4627370	+	3	84	GTG	TGA	0	0	
mORF_+_4627354	4627354	4627407	+	1	54	TTG	TGA	0	0	
mORF_+_4627404	4627404	4627433	+	3	30	GTG	TGA	0	0	
mORF_+_4627482	4627482	4627550	+	3	69	ATG	TAG	0	0	
mORF_+_4627563	4627563	4627640	+	3	78	TTG	TGA	0	0	
mORF_+_4627603	4627603	4627611	+	1	9	GTG	TAA	0	0	
mORF_+_4627647	4627647	4627697	+	3	51	GTG	TGA	0	0	

mORF_+_4627678	4627678	4627707	+	1	30	GTG	TAG	0	0	
mORF_+_4627712	4627712	4627768	+	2	57	TTG	TGA	0	0	
mORF_+_4627765	4627765	4627902	+	1	138	GTG	TAA	0	0	
mORF_+_4627895	4627895	4628095	+	2	201	GTG	TAG	0	0	
mORF_+_4627914	4627914	4628135	+	3	222	GTG	TGA	0	0	
mORF_+_4628132	4628132	4628263	+	2	132	ATG	TGA	0	0	
mORF_+_4628151	4628151	4628330	+	3	180	ATG	TAA	0	0	
mORF_+_4628294	4628294	4628647	+	2	354	GTG	TAA	0	0	
mORF_+_4628337	4628337	4628489	+	3	153	TTG	TGA	0	0	
mORF_+_4628446	4628446	4628574	+	1	129	TTG	TGA	0	0	
mORF_+_4628508	4628508	4628531	+	3	24	TTG	TAA	0	0	
mORF_+_4628547	4628547	4628618	+	3	72	TTG	TAA	0	0	
mORF_+_4628596	4628596	4628601	+	1	6	GTG	TAG	0	0	
mORF_+_4628658	4628658	4628687	+	3	30	GTG	TGA	0	0	
mORF_+_4628669	4628669	4628677	+	2	9	GTG	TAA	0	0	
mORF_+_4628684	4628684	4628695	+	2	12	ATG	TAG	0	0	
mORF_+_4628715	4628715	4628729	+	3	15	ATG	TGA	0	0	
mORF_+_4628726	4628726	4630693	+	2	1968	TTG	TGA	10	23	pORF_+_4628726
mORF_+_4628748	4628748	4628813	+	3	66	ATG	TGA	0	0	
mORF_+_4628847	4628847	4628921	+	3	75	ATG	TGA	0	0	
mORF_+_4628979	4628979	4628987	+	3	9	ATG	TGA	0	0	
mORF_+_4629018	4629018	4629113	+	3	96	TTG	TAG	0	0	
mORF_+_4629151	4629151	4629156	+	1	6	ATG	TAA	0	0	
mORF_+_4629165	4629165	4629227	+	3	63	ATG	TAA	0	0	
mORF_+_4629172	4629172	4629192	+	1	21	ATG	TGA	0	0	
mORF_+_4629220	4629220	4629246	+	1	27	GTG	TAA	0	0	
mORF_+_4629252	4629252	4629311	+	3	60	GTG	TAG	0	0	
mORF_+_4629501	4629501	4629542	+	3	42	TTG	TGA	0	0	
mORF_+_4629555	4629555	4629623	+	3	69	TTG	TGA	0	0	
mORF_+_4629633	4629633	4629749	+	3	117	ATG	TGA	0	0	
mORF_+_4629655	4629655	4629666	+	1	12	ATG	TGA	0	0	
mORF_+_4629792	4629792	4629935	+	3	144	ATG	TGA	0	0	
mORF_+_4629796	4629796	4629840	+	1	45	ATG	TGA	0	0	
mORF_+_4629939	4629939	4629974	+	3	36	TTG	TGA	0	0	
mORF_+_4630045	4630045	4630131	+	1	87	GTG	TAG	0	0	
mORF_+_4630101	4630101	4630292	+	3	192	ATG	TGA	0	0	
mORF_+_4630159	4630159	4630227	+	1	69	GTG	TAA	0	0	
mORF_+_4630422	4630422	4630601	+	3	180	TTG	TGA	0	0	
mORF_+_4630617	4630617	4630661	+	3	45	ATG	TGA	0	0	
mORF_+_4630675	4630675	4630728	+	1	54	ATG	TAG	0	0	
mORF_+_4630710	4630710	4630862	+	3	153	ATG	TAA	0	0	
mORF_+_4630783	4630783	4631109	+	1	327	ATG	TGA	6	23	pORF_+_4630783
mORF_+_4630847	4630847	4630900	+	2	54	TTG	TAA	0	0	
mORF_+_4630919	4630919	4630981	+	2	63	ATG	TGA	0	0	
mORF_+_4630988	4630988	4630996	+	2	9	GTG	TAA	0	0	
mORF_+_4631000	4631000	4631050	+	2	51	ATG	TGA	0	0	
mORF_+_4631076	4631076	4631117	+	3	42	GTG	TAG	0	0	
mORF_+_4631130	4631130	4631576	+	3	447	GTG	TAA	0	0	
mORF_+_4631147	4631147	4631173	+	2	27	GTG	TGA	0	0	
mORF_+_4631170	4631170	4631259	+	1	90	GTG	TAA	0	0	
mORF_+_4631323	4631323	4631391	+	1	69	GTG	TAA	0	0	
mORF_+_4631518	4631518	4631706	+	1	189	GTG	TGA	0	0	
mORF_+_4631603	4631603	4631734	+	2	132	GTG	TAG	0	0	
mORF_+_4631676	4631676	4631792	+	3	117	ATG	TAA	0	0	
mORF_+_4631719	4631719	4631727	+	1	9	ATG	TGA	0	0	
mORF_+_4631740	4631740	4631838	+	1	99	TTG	TAG	0	0	
mORF_+_4631820	4631820	4632467	+	3	648	ATG	TAA	15	75	pORF_+_4631820
mORF_+_4631848	4631848	4631904	+	1	57	GTG	TGA	0	0	
mORF_+_4631858	4631858	4631893	+	2	36	GTG	TGA	0	0	
mORF_+_4631914	4631914	4631988	+	1	75	GTG	TAG	0	0	
mORF_+_4632034	4632034	4632069	+	1	36	GTG	TAA	0	0	
mORF_+_4632076	4632076	4632108	+	1	33	GTG	TGA	0	0	
mORF_+_4632145	4632145	4632264	+	1	120	ATG	TGA	0	0	

mORF_+_4632224	4632224	4632346	+	2	123	TTG	TAA	0	0	
mORF_+_4632268	4632268	4632294	+	1	27	ATG	TGA	0	0	
mORF_+_4632383	4632383	4632409	+	2	27	GTG	TGA	0	0	
mORF_+_4632406	4632406	4632450	+	1	45	TTG	TAG	0	0	
mORF_+_4632451	4632451	4632504	+	1	54	ATG	TAA	0	0	
mORF_+_4632505	4632505	4632582	+	1	78	TTG	TGA	0	0	
mORF_+_4632522	4632522	4632542	+	3	21	TTG	TAG	0	0	
mORF_+_4632579	4632579	4632650	+	3	72	TTG	TAG	0	0	
mORF_+_4632586	4632586	4632618	+	1	33	TTG	TAA	0	0	
mORF_+_4632689	4632689	4632730	+	2	42	ATG	TAA	0	0	
mORF_+_4632735	4632735	4632743	+	3	9	GTG	TAG	0	0	
mORF_+_4632752	4632752	4632982	+	2	231	TTG	TAG	1	9	pORF_+_4632752
mORF_+_4632813	4632813	4632851	+	3	39	ATG	TGA	0	0	
mORF_+_4632939	4632939	4633028	+	3	90	GTG	TAA	0	0	
mORF_+_4633030	4633030	4633059	+	1	30	GTG	TGA	0	0	
mORF_+_4633056	4633056	4633082	+	3	27	TTG	TGA	0	0	
mORF_+_4633060	4633060	4633071	+	1	12	ATG	TAA	0	0	
mORF_+_4633072	4633072	4633188	+	1	117	ATG	TAG	0	0	
mORF_+_4633079	4633079	4633138	+	2	60	TTG	TAG	0	0	
mORF_+_4633107	4633107	4633238	+	3	132	ATG	TAA	0	0	
mORF_+_4633190	4633190	4633222	+	2	33	ATG	TAA	0	0	
mORF_+_4633223	4633223	4633303	+	2	81	GTG	TAA	0	0	
mORF_+_4633257	4633257	4633277	+	3	21	TTG	TGA	0	0	
mORF_+_4633317	4633317	4633328	+	3	12	ATG	TGA	0	0	
mORF_+_4633379	4633379	4633450	+	2	72	TTG	TGA	0	0	
mORF_+_4633396	4633396	4633407	+	1	12	TTG	TAG	0	0	
mORF_+_4633414	4633414	4633428	+	1	15	GTG	TAG	0	0	
mORF_+_4633435	4633435	4633443	+	1	9	ATG	TAG	0	0	
mORF_+_4633447	4633447	4633482	+	1	36	TTG	TAA	0	0	
mORF_+_4633473	4633473	4633511	+	3	39	TTG	TAA	0	0	
mORF_+_4633512	4633512	4633523	+	3	12	TTG	TAA	0	0	
mORF_+_4633533	4633533	4633547	+	3	15	ATG	TGA	0	0	
mORF_+_4633544	4633544	4634017	+	2	474	ATG	TAA	10	23	pORF_+_4633544
mORF_+_4633602	4633602	4633643	+	3	42	ATG	TGA	0	0	
mORF_+_4633662	4633662	4633694	+	3	33	TTG	TGA	0	0	
mORF_+_4633698	4633698	4633715	+	3	18	ATG	TGA	0	0	
mORF_+_4633731	4633731	4633853	+	3	123	GTG	TAG	0	0	
mORF_+_4633786	4633786	4633809	+	1	24	TTG	TGA	0	0	
mORF_+_4633908	4633908	4633961	+	3	54	ATG	TAG	0	0	
mORF_+_4634005	4634005	4634064	+	1	60	GTG	TGA	0	0	
mORF_+_4634030	4634030	4634719	+	2	690	ATG	TAA	1	0	pORF_+_4634030
mORF_+_4634061	4634061	4634075	+	2	15	ATG	TAG	0	0	
mORF_+_4634112	4634112	4634183	+	3	72	TTG	TGA	0	0	
mORF_+_4634190	4634190	4634273	+	3	84	ATG	TGA	0	0	
mORF_+_4634224	4634224	4634286	+	1	63	GTG	TGA	0	0	
mORF_+_4634283	4634283	4634396	+	3	114	GTG	TGA	0	0	
mORF_+_4634362	4634362	4634442	+	1	81	GTG	TGA	0	0	
mORF_+_4634430	4634430	4634447	+	3	18	TTG	TGA	0	0	
mORF_+_4634448	4634448	4634489	+	3	42	ATG	TAG	0	0	
mORF_+_4634502	4634502	4634519	+	3	18	ATG	TGA	0	0	
mORF_+_4634578	4634578	4634628	+	1	51	ATG	TAA	0	0	
mORF_+_4634586	4634586	4634708	+	3	123	ATG	TGA	0	0	
mORF_+_4634719	4634719	4636143	+	1	1425	ATG	TAG	3	6	pORF_+_4634719
mORF_+_4634795	4634795	4634845	+	2	51	TTG	TGA	0	0	
mORF_+_4634909	4634909	4635010	+	2	102	ATG	TGA	0	0	
mORF_+_4635014	4635014	4635094	+	2	81	ATG	TAA	0	0	
mORF_+_4635101	4635101	4635160	+	2	60	GTG	TGA	0	0	
mORF_+_4635164	4635164	4635211	+	2	48	ATG	TGA	0	0	
mORF_+_4635273	4635273	4635371	+	3	99	ATG	TGA	0	0	
mORF_+_4635299	4635299	4635310	+	2	12	TTG	TGA	0	0	
mORF_+_4635311	4635311	4635463	+	2	153	TTG	TGA	0	0	
mORF_+_4635485	4635485	4635508	+	2	24	TTG	TAA	0	0	
mORF_+_4635512	4635512	4635520	+	2	9	ATG	TAA	0	0	

mORF_+_4635542	4635542	4635613	+	2	72	GTG	TGA	0	0	
mORF_+_4635620	4635620	4635643	+	2	24	ATG	TAG	0	0	
mORF_+_4635701	4635701	4635892	+	2	192	TTG	TAA	0	0	
mORF_+_4635879	4635879	4635926	+	3	48	TTG	TAA	0	0	
mORF_+_4635944	4635944	4636207	+	2	264	GTG	TGA	0	0	
mORF_+_4636201	4636201	4637553	+	1	1353	ATG	TAA	0	0	
mORF_+_4636241	4636241	4636264	+	2	24	TTG	TGA	0	0	
mORF_+_4636292	4636292	4636393	+	2	102	TTG	TGA	0	0	
mORF_+_4636458	4636458	4636469	+	3	12	TTG	TGA	0	0	
mORF_+_4636481	4636481	4636516	+	2	36	TTG	TAG	0	0	
mORF_+_4636544	4636544	4636552	+	2	9	GTG	TAA	0	0	
mORF_+_4636571	4636571	4636615	+	2	45	ATG	TAG	0	0	
mORF_+_4636628	4636628	4636633	+	2	6	TTG	TGA	0	0	
mORF_+_4636646	4636646	4636669	+	2	24	ATG	TGA	0	0	
mORF_+_4636703	4636703	4636723	+	2	21	TTG	TAG	0	0	
mORF_+_4636898	4636898	4637047	+	2	150	GTG	TAA	0	0	
mORF_+_4637108	4637108	4637116	+	2	9	TTG	TGA	0	0	
mORF_+_4637132	4637132	4637203	+	2	72	TTG	TGA	0	0	
mORF_+_4637256	4637256	4637402	+	3	147	ATG	TAG	0	0	
mORF_+_4637276	4637276	4637287	+	2	12	TTG	TAA	0	0	
mORF_+_4637366	4637366	4637374	+	2	9	ATG	TGA	0	0	
mORF_+_4637423	4637423	4637452	+	2	30	GTG	TGA	0	0	
mORF_+_4637456	4637456	4637461	+	2	6	TTG	TGA	0	0	
mORF_+_4637480	4637480	4637503	+	2	24	ATG	TGA	0	0	
mORF_+_4637531	4637531	4637566	+	2	36	ATG	TAA	0	0	
mORF_+_4637556	4637556	4637597	+	3	42	TTG	TGA	0	0	
mORF_+_4637594	4637594	4637668	+	2	75	TTG	TGA	0	0	
mORF_+_4637652	4637652	4637981	+	3	330	GTG	TAG	0	0	
mORF_+_4637656	4637656	4637793	+	1	138	ATG	TGA	0	0	
mORF_+_4637797	4637797	4637820	+	1	24	TTG	TGA	0	0	
mORF_+_4637824	4637824	4637922	+	1	99	ATG	TAG	0	0	
mORF_+_4637965	4637965	4638033	+	1	69	ATG	TAG	0	0	
mORF_+_4637987	4637987	4638016	+	2	30	GTG	TGA	0	0	
mORF_+_4638076	4638076	4638210	+	1	135	TTG	TGA	0	0	
mORF_+_4638210	4638210	4638383	+	3	174	ATG	TGA	0	0	
mORF_+_4638277	4638277	4638342	+	1	66	GTG	TAA	0	0	
mORF_+_4638284	4638284	4638310	+	2	27	GTG	TAA	0	0	
mORF_+_4638332	4638332	4638409	+	2	78	TTG	TAA	0	0	
mORF_+_4638396	4638396	4638428	+	3	33	ATG	TGA	0	0	
mORF_+_4638425	4638425	4638565	+	2	141	ATG	TAA	0	0	
mORF_+_4638442	4638442	4638453	+	1	12	TTG	TGA	0	0	
mORF_+_4638450	4638450	4638545	+	3	96	TTG	TAA	0	0	
mORF_+_4638607	4638607	4638648	+	1	42	TTG	TGA	0	0	
mORF_+_4638627	4638627	4638632	+	3	6	TTG	TAG	0	0	
mORF_+_4638645	4638645	4638722	+	3	78	TTG	TAA	0	0	
mORF_+_4638667	4638667	4638693	+	1	27	ATG	TAA	0	0	
mORF_+_4638706	4638706	4638774	+	1	69	TTG	TAA	0	0	
mORF_+_4638728	4638728	4638763	+	2	36	GTG	TAA	0	0	
mORF_+_4638741	4638741	4638794	+	3	54	TTG	TAG	0	0	
mORF_+_4638890	4638890	4638895	+	2	6	TTG	TAA	0	0	
mORF_+_4638915	4638915	4638947	+	3	33	TTG	TGA	0	0	
mORF_+_4638944	4638944	4639651	+	2	708	TTG	TAA	9	15	pORF_+_4638944
mORF_+_4638957	4638957	4638974	+	3	18	GTG	TAA	0	0	
mORF_+_4639011	4639011	4639034	+	3	24	TTG	TGA	0	0	
mORF_+_4639062	4639062	4639259	+	3	198	TTG	TAG	0	0	
mORF_+_4639273	4639273	4639326	+	1	54	ATG	TAA	0	0	
mORF_+_4639284	4639284	4639322	+	3	39	ATG	TGA	0	0	
mORF_+_4639359	4639359	4639409	+	3	51	GTG	TGA	0	0	
mORF_+_4639417	4639417	4639461	+	1	45	TTG	TGA	0	0	
mORF_+_4639458	4639458	4639511	+	3	54	GTG	TGA	0	0	
mORF_+_4639539	4639539	4639547	+	3	9	ATG	TAA	0	0	
mORF_-_7	7	21	-	5	15	TTG	TGA	0	0	
mORF_-_108	108	524	-	4	417	TTG	TAA	0	0	

mORF_-_116	116	124	-	6	9	GTG	TAA	0	0	
mORF_-_133	133	156	-	5	24	GTG	TAA	0	0	
mORF_-_170	170	187	-	6	18	ATG	TAA	0	0	
mORF_-_230	230	373	-	6	144	TTG	TAA	0	0	
mORF_-_364	364	474	-	5	111	GTG	TGA	0	0	
mORF_-_517	517	654	-	5	138	ATG	TAA	0	0	
mORF_-_621	621	734	-	4	114	ATG	TGA	0	0	
mORF_-_748	748	885	-	5	138	GTG	TAA	0	0	
mORF_-_762	762	767	-	4	6	TTG	TGA	0	0	
mORF_-_813	813	872	-	4	60	ATG	TAA	0	0	
mORF_-_824	824	865	-	6	42	TTG	TAG	0	0	
mORF_-_882	882	950	-	4	69	TTG	TGA	0	0	
mORF_-_988	988	1203	-	5	216	TTG	TAA	0	0	
mORF_-_1131	1131	1154	-	4	24	ATG	TGA	0	0	
mORF_-_1181	1181	1207	-	6	27	GTG	TAA	0	0	
mORF_-_1200	1200	1409	-	4	210	ATG	TGA	0	0	
mORF_-_1253	1253	1285	-	6	33	TTG	TGA	0	0	
mORF_-_1289	1289	1357	-	6	69	GTG	TGA	0	0	
mORF_-_1354	1354	1389	-	5	36	TTG	TGA	0	0	
mORF_-_1382	1382	1393	-	6	12	ATG	TAA	0	0	
mORF_-_1390	1390	1428	-	5	39	TTG	TGA	0	0	
mORF_-_1409	1409	1456	-	6	48	TTG	TGA	0	0	
mORF_-_1470	1470	1625	-	4	156	ATG	TAG	0	0	
mORF_-_1529	1529	1594	-	6	66	GTG	TAA	0	0	
mORF_-_1610	1610	1651	-	6	42	TTG	TGA	0	0	
mORF_-_1629	1629	1685	-	4	57	GTG	TGA	0	0	
mORF_-_1648	1648	1821	-	5	174	ATG	TGA	0	0	
mORF_-_1704	1704	1718	-	4	15	TTG	TGA	0	0	
mORF_-_1794	1794	1922	-	4	129	TTG	TGA	0	0	
mORF_-_1828	1828	1917	-	5	90	TTG	TAA	0	0	
mORF_-_1945	1945	2106	-	5	162	ATG	TAA	0	0	
mORF_-_1968	1968	2000	-	4	33	GTG	TGA	0	0	
mORF_-_2022	2022	2084	-	4	63	GTG	TGA	0	0	
mORF_-_2148	2148	2240	-	4	93	ATG	TAG	0	0	
mORF_-_2173	2173	2196	-	5	24	TTG	TAA	0	0	
mORF_-_2259	2259	2309	-	4	51	GTG	TAA	0	0	
mORF_-_2489	2489	2506	-	6	18	GTG	TAA	0	0	
mORF_-_2503	2503	2685	-	5	183	GTG	TGA	1	2	pORF_-_2503
mORF_-_2568	2568	2645	-	4	78	TTG	TAG	0	0	
mORF_-_2691	2691	2732	-	4	42	TTG	TGA	0	0	
mORF_-_2738	2738	2782	-	6	45	ATG	TAA	0	0	
mORF_-_2788	2788	2802	-	5	15	ATG	TAA	0	0	
mORF_-_2805	2805	2891	-	4	87	ATG	TAA	0	0	
mORF_-_2812	2812	2943	-	5	132	TTG	TAA	0	0	
mORF_-_2907	2907	2930	-	4	24	ATG	TGA	0	0	
mORF_-_2937	2937	2981	-	4	45	GTG	TGA	0	0	
mORF_-_2972	2972	3037	-	6	66	TTG	TGA	0	0	
mORF_-_2998	2998	3213	-	5	216	ATG	TGA	0	0	
mORF_-_3086	3086	3292	-	6	207	TTG	TAA	0	0	
mORF_-_3153	3153	3233	-	4	81	GTG	TAA	0	0	
mORF_-_3217	3217	3432	-	5	216	ATG	TAA	0	0	
mORF_-_3371	3371	3436	-	6	66	GTG	TAA	0	0	
mORF_-_3486	3486	3716	-	4	231	GTG	TAA	0	0	
mORF_-_3499	3499	3615	-	5	117	TTG	TAG	0	0	
mORF_-_3512	3512	4162	-	6	651	ATG	TAA	0	0	
mORF_-_3742	3742	3747	-	5	6	TTG	TAG	0	0	
mORF_-_3757	3757	3807	-	5	51	TTG	TGA	0	0	
mORF_-_3811	3811	4119	-	5	309	ATG	TGA	0	0	
mORF_-_3918	3918	4049	-	4	132	ATG	TAA	0	0	
mORF_-_4071	4071	4079	-	4	9	GTG	TAA	0	0	
mORF_-_4175	4175	4231	-	6	57	TTG	TAA	0	0	
mORF_-_4194	4194	4208	-	4	15	GTG	TAA	0	0	
mORF_-_4201	4201	4278	-	5	78	ATG	TAG	0	0	

mORF_-_4218	4218	4250	-	4	33	ATG	TGA	0	0	
mORF_-_4300	4300	4380	-	5	81	ATG	TGA	0	0	
mORF_-_4380	4380	4517	-	4	138	GTG	TGA	0	0	
mORF_-_4408	4408	4554	-	5	147	TTG	TAG	0	0	
mORF_-_4514	4514	4585	-	6	72	GTG	TGA	0	0	
mORF_-_4539	4539	4751	-	4	213	TTG	TAA	0	0	
mORF_-_4591	4591	4605	-	5	15	TTG	TGA	0	0	
mORF_-_4612	4612	4629	-	5	18	TTG	TGA	0	0	
mORF_-_4622	4622	4744	-	6	123	TTG	TAA	0	0	
mORF_-_4645	4645	4689	-	5	45	TTG	TGA	0	0	
mORF_-_4714	4714	4740	-	5	27	GTG	TAA	0	0	
mORF_-_4760	4760	4867	-	6	108	ATG	TAA	0	0	
mORF_-_4774	4774	4779	-	5	6	GTG	TAG	0	0	
mORF_-_4822	4822	4860	-	5	39	GTG	TGA	0	0	
mORF_-_4878	4878	4964	-	4	87	GTG	TAA	0	0	
mORF_-_4961	4961	5014	-	6	54	ATG	TGA	0	0	
mORF_-_5014	5014	5031	-	5	18	ATG	TGA	0	0	
mORF_-_5031	5031	5039	-	4	9	TTG	TAA	0	0	
mORF_-_5075	5075	5167	-	6	93	TTG	TAA	0	0	
mORF_-_5139	5139	5180	-	4	42	ATG	TAA	0	0	
mORF_-_5146	5146	5289	-	5	144	ATG	TAA	0	0	
mORF_-_5177	5177	5248	-	6	72	TTG	TGA	0	0	
mORF_-_5250	5250	5297	-	4	48	GTG	TAG	0	0	
mORF_-_5310	5310	5741	-	4	432	TTG	TAA	0	0	
mORF_-_5333	5333	5440	-	6	108	GTG	TAA	0	0	
mORF_-_5413	5413	5430	-	5	18	TTG	TAA	0	0	
mORF_-_5441	5441	5551	-	6	111	TTG	TAG	0	0	
mORF_-_5503	5503	5517	-	5	15	TTG	TGA	0	0	
mORF_-_5527	5527	5559	-	5	33	ATG	TAG	0	0	
mORF_-_5597	5597	5629	-	6	33	ATG	TAG	0	0	
mORF_-_5602	5602	5664	-	5	63	ATG	TAA	0	0	
mORF_-_5654	5654	5680	-	6	27	TTG	TGA	0	0	
mORF_-_5683	5683	6459	-	5	777	ATG	TAA	17	59	pORF_-_5683
mORF_-_5787	5787	5801	-	4	15	TTG	TGA	0	0	
mORF_-_5817	5817	5906	-	4	90	ATG	TGA	0	0	
mORF_-_5922	5922	5942	-	4	21	ATG	TGA	0	0	
mORF_-_5958	5958	5966	-	4	9	ATG	TGA	0	0	
mORF_-_5994	5994	6056	-	4	63	TTG	TGA	0	0	
mORF_-_6090	6090	6266	-	4	177	ATG	TAA	0	0	
mORF_-_6336	6336	6353	-	4	18	ATG	TGA	0	0	
mORF_-_6408	6408	6428	-	4	21	TTG	TGA	0	0	
mORF_-_6480	6480	6650	-	4	171	TTG	TAA	0	0	
mORF_-_6529	6529	7959	-	5	1431	ATG	TAA	0	0	
mORF_-_6545	6545	6553	-	6	9	GTG	TGA	0	0	
mORF_-_6641	6641	6799	-	6	159	GTG	TGA	0	0	
mORF_-_6819	6819	6917	-	4	99	GTG	TGA	0	0	
mORF_-_7008	7008	7058	-	4	51	TTG	TGA	0	0	
mORF_-_7059	7059	7148	-	4	90	ATG	TGA	0	0	
mORF_-_7191	7191	7247	-	4	57	TTG	TAA	0	0	
mORF_-_7244	7244	7294	-	6	51	TTG	TGA	0	0	
mORF_-_7329	7329	7367	-	4	39	ATG	TGA	0	0	
mORF_-_7419	7419	7439	-	4	21	TTG	TGA	0	0	
mORF_-_7436	7436	7570	-	6	135	ATG	TGA	0	0	
mORF_-_7449	7449	7463	-	4	15	TTG	TGA	0	0	
mORF_-_7491	7491	7757	-	4	267	TTG	TAA	0	0	
mORF_-_7610	7610	7681	-	6	72	TTG	TAA	0	0	
mORF_-_7739	7739	7768	-	6	30	GTG	TAG	0	0	
mORF_-_7785	7785	7859	-	4	75	TTG	TAA	0	0	
mORF_-_7817	7817	7924	-	6	108	TTG	TAA	0	0	
mORF_-_7934	7934	7963	-	6	30	ATG	TAA	0	0	
mORF_-_7971	7971	8012	-	4	42	TTG	TAA	0	0	
mORF_-_8017	8017	8064	-	5	48	ATG	TAA	0	0	
mORF_-_8033	8033	8101	-	6	69	TTG	TAG	0	0	

mORF_-_8098	8098	8214	-	5	117	TTG	TGA	0	0
mORF_-_8198	8198	8248	-	6	51	TTG	TAA	0	0
mORF_-_8220	8220	8321	-	4	102	TTG	TAA	0	0
mORF_-_8236	8236	8337	-	5	102	TTG	TGA	0	0
mORF_-_8264	8264	8299	-	6	36	ATG	TGA	0	0
mORF_-_8318	8318	8464	-	6	147	TTG	TGA	0	0
mORF_-_8356	8356	8574	-	5	219	TTG	TAA	0	0
mORF_-_8543	8543	8587	-	6	45	TTG	TAG	0	0
mORF_-_8559	8559	9092	-	4	534	GTG	TGA	0	0
mORF_-_8591	8591	8692	-	6	102	TTG	TAG	0	0
mORF_-_8723	8723	8797	-	6	75	TTG	TGA	0	0
mORF_-_8873	8873	8878	-	6	6	TTG	TAG	0	0
mORF_-_8888	8888	8968	-	6	81	ATG	TAA	0	0
mORF_-_8902	8902	8979	-	5	78	GTG	TAA	0	0
mORF_-_9029	9029	9094	-	6	66	TTG	TAA	0	0
mORF_-_9064	9064	9105	-	5	42	TTG	TGA	0	0
mORF_-_9145	9145	9222	-	5	78	GTG	TAG	0	0
mORF_-_9219	9219	9269	-	4	51	ATG	TGA	0	0
mORF_-_9224	9224	9250	-	6	27	GTG	TAG	0	0
mORF_-_9247	9247	9405	-	5	159	ATG	TGA	0	0
mORF_-_9275	9275	9337	-	6	63	ATG	TAA	0	0
mORF_-_9365	9365	9523	-	6	159	GTG	TGA	0	0
mORF_-_9441	9441	9632	-	4	192	ATG	TAA	0	0
mORF_-_9622	9622	9642	-	5	21	TTG	TGA	0	0
mORF_-_9659	9659	9679	-	6	21	TTG	TGA	0	0
mORF_-_9699	9699	9965	-	4	267	TTG	TAA	0	0
mORF_-_9707	9707	9802	-	6	96	ATG	TGA	0	0
mORF_-_9721	9721	9855	-	5	135	ATG	TAA	0	0
mORF_-_9803	9803	9922	-	6	120	TTG	TGA	0	0
mORF_-_9856	9856	9873	-	5	18	TTG	TGA	0	0
mORF_-_9919	9919	9927	-	5	9	TTG	TGA	0	0
mORF_-_9928	9928	10494	-	5	567	ATG	TAA	0	0
mORF_-_9975	9975	10013	-	4	39	GTG	TGA	0	0
mORF_-_10020	10020	10091	-	4	72	TTG	TGA	0	0
mORF_-_10106	10106	10180	-	6	75	GTG	TAG	0	0
mORF_-_10140	10140	10220	-	4	81	ATG	TGA	0	0
mORF_-_10242	10242	10256	-	4	15	TTG	TGA	0	0
mORF_-_10296	10296	10379	-	4	84	TTG	TAA	0	0
mORF_-_10452	10452	10571	-	4	120	ATG	TGA	0	0
mORF_-_10481	10481	10504	-	6	24	TTG	TAA	0	0
mORF_-_10643	10643	11356	-	6	714	ATG	TGA	0	0
mORF_-_10705	10705	10743	-	5	39	ATG	TGA	0	0
mORF_-_10744	10744	10755	-	5	12	GTG	TAA	0	0
mORF_-_10756	10756	10800	-	5	45	TTG	TAG	0	0
mORF_-_10837	10837	10866	-	5	30	GTG	TGA	0	0
mORF_-_10891	10891	10920	-	5	30	ATG	TGA	0	0
mORF_-_10921	10921	11025	-	5	105	TTG	TGA	0	0
mORF_-_11056	11056	11160	-	5	105	TTG	TGA	0	0
mORF_-_11227	11227	11337	-	5	111	ATG	TGA	0	0
mORF_-_11304	11304	11309	-	4	6	TTG	TAG	0	0
mORF_-_11338	11338	11352	-	5	15	ATG	TGA	0	0
mORF_-_11382	11382	11786	-	4	405	ATG	TAA	0	0
mORF_-_11537	11537	11584	-	6	48	GTG	TGA	0	0
mORF_-_11554	11554	11643	-	5	90	TTG	TAG	0	0
mORF_-_11588	11588	11605	-	6	18	ATG	TAA	0	0
mORF_-_11630	11630	11635	-	6	6	TTG	TGA	0	0
mORF_-_11654	11654	11692	-	6	39	TTG	TGA	0	0
mORF_-_11707	11707	11736	-	5	30	GTG	TAA	0	0
mORF_-_11797	11797	11829	-	5	33	GTG	TAA	0	0
mORF_-_11834	11834	11917	-	6	84	ATG	TAA	0	0
mORF_-_11856	11856	11993	-	4	138	TTG	TGA	0	0
mORF_-_11881	11881	11886	-	5	6	TTG	TAA	0	0
mORF_-_11921	11921	12070	-	6	150	TTG	TAA	0	0

mORF_-_11947	11947	12006	-	5	60	ATG	TAA	0	0
mORF_-_12027	12027	12038	-	4	12	ATG	TAA	0	0
mORF_-_12113	12113	12130	-	6	18	GTG	TAA	0	0
mORF_-_12121	12121	12132	-	5	12	ATG	TGA	0	0
mORF_-_12159	12159	12281	-	4	123	ATG	TAA	0	0
mORF_-_12307	12307	13479	-	5	1173	ATG	TAG	0	0
mORF_-_12330	12330	12437	-	4	108	TTG	TGA	0	0
mORF_-_12440	12440	12466	-	6	27	ATG	TAA	0	0
mORF_-_12476	12476	12496	-	6	21	GTG	TAA	0	0
mORF_-_12549	12549	12584	-	4	36	GTG	TAA	0	0
mORF_-_12581	12581	12595	-	6	15	ATG	TGA	0	0
mORF_-_12599	12599	12622	-	6	24	TTG	TAA	0	0
mORF_-_12615	12615	12671	-	4	57	TTG	TGA	0	0
mORF_-_12696	12696	12722	-	4	27	TTG	TAA	0	0
mORF_-_12738	12738	12875	-	4	138	TTG	TAA	0	0
mORF_-_12773	12773	12823	-	6	51	TTG	TAA	0	0
mORF_-_12876	12876	12896	-	4	21	TTG	TAG	0	0
mORF_-_12893	12893	12937	-	6	45	TTG	TGA	0	0
mORF_-_12903	12903	12923	-	4	21	TTG	TGA	0	0
mORF_-_12990	12990	13112	-	4	123	ATG	TGA	0	0
mORF_-_13004	13004	13015	-	6	12	ATG	TAA	0	0
mORF_-_13055	13055	13132	-	6	78	GTG	TGA	0	0
mORF_-_13172	13172	13204	-	6	33	TTG	TAA	0	0
mORF_-_13256	13256	13279	-	6	24	TTG	TAA	0	0
mORF_-_13293	13293	13517	-	4	225	TTG	TGA	0	0
mORF_-_13527	13527	14072	-	4	546	TTG	TGA	0	0
mORF_-_13537	13537	14157	-	5	621	TTG	TAG	0	0
mORF_-_13547	13547	13558	-	6	12	GTG	TGA	0	0
mORF_-_13853	13853	13876	-	6	24	GTG	TAG	0	0
mORF_-_13910	13910	14017	-	6	108	TTG	TAG	0	0
mORF_-_14085	14085	14147	-	4	63	ATG	TAG	0	0
mORF_-_14099	14099	14143	-	6	45	ATG	TAA	0	0
mORF_-_14159	14159	14179	-	6	21	TTG	TAA	0	0
mORF_-_14185	14185	14208	-	5	24	TTG	TAA	0	0
mORF_-_14195	14195	14494	-	6	300	TTG	TAA	0	0
mORF_-_14239	14239	14319	-	5	81	TTG	TAG	0	0
mORF_-_14316	14316	14363	-	4	48	ATG	TGA	0	0
mORF_-_14377	14377	14403	-	5	27	ATG	TGA	0	0
mORF_-_14516	14516	14926	-	6	411	GTG	TAA	0	0
mORF_-_14521	14521	14580	-	5	60	ATG	TAG	0	0
mORF_-_14535	14535	14720	-	4	186	GTG	TGA	0	0
mORF_-_14725	14725	14763	-	5	39	TTG	TGA	0	0
mORF_-_14773	14773	14844	-	5	72	ATG	TGA	0	0
mORF_-_14808	14808	14885	-	4	78	GTG	TAA	0	0
mORF_-_14911	14911	15234	-	5	324	TTG	TGA	0	0
mORF_-_15071	15071	15232	-	6	162	GTG	TAG	0	0
mORF_-_15096	15096	15392	-	4	297	ATG	TGA	0	0
mORF_-_15245	15245	15307	-	6	63	TTG	TGA	0	0
mORF_-_15418	15418	15459	-	5	42	GTG	TAA	0	0
mORF_-_15434	15434	15613	-	6	180	ATG	TAA	0	0
mORF_-_15469	15469	15486	-	5	18	ATG	TGA	0	0
mORF_-_15591	15591	15626	-	4	36	GTG	TAA	0	0
mORF_-_15613	15613	15645	-	5	33	ATG	TAA	0	0
mORF_-_15623	15623	15730	-	6	108	GTG	TGA	0	0
mORF_-_15636	15636	15713	-	4	78	ATG	TGA	0	0
mORF_-_15658	15658	15726	-	5	69	TTG	TAA	0	0
mORF_-_15749	15749	15799	-	6	51	TTG	TAA	0	0
mORF_-_15835	15835	15858	-	5	24	ATG	TAG	0	0
mORF_-_15864	15864	15947	-	4	84	ATG	TGA	0	0
mORF_-_15869	15869	16177	-	6	309	GTG	TGA	0	0
mORF_-_15883	15883	15927	-	5	45	TTG	TAG	0	0
mORF_-_15988	15988	16029	-	5	42	GTG	TGA	0	0
mORF_-_16026	16026	16184	-	4	159	ATG	TGA	0	0

mORF_-_16181	16181	16213	-	6	33	ATG	TGA	0	0
mORF_-_16213	16213	16296	-	5	84	ATG	TAA	0	0
mORF_-_16235	16235	16315	-	6	81	ATG	TGA	0	0
mORF_-_16333	16333	16413	-	5	81	GTG	TGA	0	0
mORF_-_16356	16356	16499	-	4	144	ATG	TAA	0	0
mORF_-_16397	16397	16432	-	6	36	TTG	TGA	0	0
mORF_-_16466	16466	16510	-	6	45	ATG	TAG	0	0
mORF_-_16486	16486	16608	-	5	123	ATG	TAA	0	0
mORF_-_16554	16554	16577	-	4	24	TTG	TAG	0	0
mORF_-_16595	16595	16708	-	6	114	TTG	TAA	0	0
mORF_-_16633	16633	16692	-	5	60	ATG	TAG	0	0
mORF_-_16668	16668	16679	-	4	12	GTG	TAA	0	0
mORF_-_16724	16724	16735	-	6	12	GTG	TAA	0	0
mORF_-_16732	16732	16815	-	5	84	GTG	TGA	0	0
mORF_-_16751	16751	16993	-	6	243	GTG	TAA	0	0
mORF_-_16870	16870	16881	-	5	12	TTG	TGA	0	0
mORF_-_16944	16944	16949	-	4	6	ATG	TAG	0	0
mORF_-_17018	17018	17047	-	6	30	TTG	TGA	0	0
mORF_-_17022	17022	17051	-	4	30	GTG	TAG	0	0
mORF_-_17044	17044	17121	-	5	78	ATG	TGA	0	0
mORF_-_17075	17075	17083	-	6	9	ATG	TAA	0	0
mORF_-_17166	17166	17195	-	4	30	TTG	TAA	0	0
mORF_-_17174	17174	17182	-	6	9	TTG	TGA	0	0
mORF_-_17183	17183	17227	-	6	45	TTG	TAA	0	0
mORF_-_17202	17202	17231	-	4	30	ATG	TAA	0	0
mORF_-_17221	17221	17247	-	5	27	TTG	TAG	0	0
mORF_-_17249	17249	17290	-	6	42	GTG	TAA	0	0
mORF_-_17287	17287	17358	-	5	72	GTG	TGA	0	0
mORF_-_17319	17319	17345	-	4	27	TTG	TGA	0	0
mORF_-_17342	17342	17353	-	6	12	ATG	TGA	0	0
mORF_-_17355	17355	17381	-	4	27	TTG	TGA	0	0
mORF_-_17406	17406	17411	-	4	6	GTG	TAG	0	0
mORF_-_17411	17411	17605	-	6	195	GTG	TAG	0	0
mORF_-_17467	17467	17577	-	5	111	TTG	TGA	0	0
mORF_-_17568	17568	17645	-	4	78	GTG	TAA	0	0
mORF_-_17626	17626	17664	-	5	39	ATG	TGA	0	0
mORF_-_17708	17708	17743	-	6	36	TTG	TAA	0	0
mORF_-_17724	17724	17774	-	4	51	ATG	TAA	0	0
mORF_-_17790	17790	17816	-	4	27	ATG	TAG	0	0
mORF_-_17836	17836	18000	-	5	165	ATG	TAG	0	0
mORF_-_17880	17880	17900	-	4	21	GTG	TAG	0	0
mORF_-_17997	17997	18005	-	4	9	ATG	TGA	0	0
mORF_-_18010	18010	18102	-	5	93	GTG	TAG	0	0
mORF_-_18015	18015	18167	-	4	153	TTG	TAG	0	0
mORF_-_18023	18023	18256	-	6	234	GTG	TAA	0	0
mORF_-_18160	18160	18387	-	5	228	TTG	TGA	0	0
mORF_-_18195	18195	18293	-	4	99	ATG	TAA	0	0
mORF_-_18297	18297	18314	-	4	18	GTG	TAG	0	0
mORF_-_18311	18311	18469	-	6	159	TTG	TGA	0	0
mORF_-_18324	18324	18356	-	4	33	ATG	TGA	0	0
mORF_-_18594	18594	18722	-	4	129	ATG	TAG	0	0
mORF_-_18665	18665	18697	-	6	33	ATG	TAA	0	0
mORF_-_18703	18703	18762	-	5	60	ATG	TGA	0	0
mORF_-_18726	18726	18734	-	4	9	TTG	TGA	0	0
mORF_-_18731	18731	18817	-	6	87	GTG	TGA	0	0
mORF_-_18735	18735	18740	-	4	6	TTG	TAA	0	0
mORF_-_18804	18804	18881	-	4	78	TTG	TAA	0	0
mORF_-_18808	18808	18861	-	5	54	TTG	TAA	0	0
mORF_-_18927	18927	18947	-	4	21	GTG	TAG	0	0
mORF_-_18944	18944	19027	-	6	84	GTG	TGA	0	0
mORF_-_18978	18978	19085	-	4	108	ATG	TAG	0	0
mORF_-_18997	18997	19131	-	5	135	TTG	TAA	0	0
mORF_-_19086	19086	19109	-	4	24	GTG	TGA	0	0

mORF_-_19132	19132	19143	-	5	12	ATG	TAA	0	0	
mORF_-_19137	19137	19427	-	4	291	TTG	TGA	0	0	
mORF_-_19181	19181	19318	-	6	138	TTG	TAG	0	0	
mORF_-_19346	19346	19459	-	6	114	ATG	TAA	0	0	
mORF_-_19360	19360	19557	-	5	198	GTG	TAA	0	0	
mORF_-_19551	19551	19580	-	4	30	TTG	TGA	0	0	
mORF_-_19601	19601	19636	-	6	36	TTG	TAA	0	0	
mORF_-_19658	19658	19693	-	6	36	ATG	TAA	0	0	
mORF_-_19693	19693	19809	-	5	117	TTG	TAA	0	0	
mORF_-_19811	19811	20314	-	6	504	ATG	TAA	0	0	
mORF_-_19831	19831	19857	-	5	27	ATG	TGA	0	0	
mORF_-_19924	19924	19941	-	5	18	TTG	TGA	0	0	
mORF_-_19984	19984	20013	-	5	30	ATG	TGA	0	0	
mORF_-_19995	19995	20024	-	4	30	ATG	TGA	0	0	
mORF_-_20026	20026	20037	-	5	12	TTG	TGA	0	0	
mORF_-_20053	20053	20211	-	5	159	GTG	TGA	0	0	
mORF_-_20157	20157	20177	-	4	21	GTG	TAA	0	0	
mORF_-_20233	20233	20508	-	5	276	GTG	TAA	0	0	
mORF_-_20256	20256	20324	-	4	69	ATG	TAA	0	0	
mORF_-_20325	20325	20537	-	4	213	GTG	TGA	0	0	
mORF_-_20336	20336	20395	-	6	60	ATG	TGA	0	0	
mORF_-_20465	20465	20533	-	6	69	ATG	TGA	0	0	
mORF_-_20537	20537	20590	-	6	54	ATG	TAG	0	0	
mORF_-_20542	20542	20562	-	5	21	GTG	TGA	0	0	
mORF_-_20563	20563	20571	-	5	9	TTG	TAG	0	0	
mORF_-_20578	20578	20583	-	5	6	TTG	TGA	0	0	
mORF_-_20643	20643	20741	-	4	99	GTG	TGA	0	0	
mORF_-_20665	20665	20793	-	5	129	GTG	TAA	0	0	
mORF_-_20738	20738	20806	-	6	69	TTG	TGA	0	0	
mORF_-_20745	20745	20750	-	4	6	TTG	TGA	0	0	
mORF_-_20790	20790	20795	-	4	6	TTG	TGA	0	0	
mORF_-_20815	20815	21078	-	5	264	TTG	TAA	75	3135	pORF_-_20815
mORF_-_20997	20997	21167	-	4	171	TTG	TGA	0	0	
mORF_-_21071	21071	21085	-	6	15	TTG	TAA	0	0	
mORF_-_21100	21100	21111	-	5	12	TTG	TAG	0	0	
mORF_-_21137	21137	21307	-	6	171	TTG	TAA	0	0	
mORF_-_21178	21178	21192	-	5	15	GTG	TAA	0	0	
mORF_-_21196	21196	21318	-	5	123	GTG	TAA	0	0	
mORF_-_21276	21276	21341	-	4	66	TTG	TGA	0	0	
mORF_-_21338	21338	21502	-	6	165	ATG	TGA	0	0	
mORF_-_21349	21349	21369	-	5	21	TTG	TAA	0	0	
mORF_-_21388	21388	21426	-	5	39	ATG	TGA	0	0	
mORF_-_21468	21468	21584	-	4	117	GTG	TAG	0	0	
mORF_-_21499	21499	21546	-	5	48	TTG	TGA	0	0	
mORF_-_21548	21548	21580	-	6	33	TTG	TAA	0	0	
mORF_-_21597	21597	21617	-	4	21	TTG	TAG	0	0	
mORF_-_21670	21670	21906	-	5	237	GTG	TAA	0	0	
mORF_-_21710	21710	21751	-	6	42	ATG	TAA	0	0	
mORF_-_21824	21824	21871	-	6	48	TTG	TAA	0	0	
mORF_-_21916	21916	22017	-	5	102	GTG	TGA	0	0	
mORF_-_21956	21956	21997	-	6	42	GTG	TAA	0	0	
mORF_-_22017	22017	22337	-	4	321	TTG	TAG	0	0	
mORF_-_22078	22078	22134	-	5	57	ATG	TAA	0	0	
mORF_-_22115	22115	22183	-	6	69	ATG	TAA	0	0	
mORF_-_22187	22187	22225	-	6	39	TTG	TAA	0	0	
mORF_-_22207	22207	22251	-	5	45	TTG	TAA	0	0	
mORF_-_22354	22354	22365	-	5	12	TTG	TAA	0	0	
mORF_-_22362	22362	22409	-	4	48	TTG	TGA	0	0	
mORF_-_22399	22399	22545	-	5	147	ATG	TAG	0	0	
mORF_-_22406	22406	23617	-	6	1212	GTG	TGA	0	0	
mORF_-_22564	22564	22581	-	5	18	ATG	TAA	0	0	
mORF_-_22591	22591	22635	-	5	45	TTG	TGA	0	0	
mORF_-_22648	22648	22764	-	5	117	TTG	TAA	0	0	

mORF_-_22798	22798	22914	-	5	117	TTG	TGA	0	0
mORF_-_22905	22905	23063	-	4	159	TTG	TGA	0	0
mORF_-_22918	22918	22929	-	5	12	TTG	TGA	0	0
mORF_-_22996	22996	23019	-	5	24	ATG	TAA	0	0
mORF_-_23044	23044	23139	-	5	96	TTG	TGA	0	0
mORF_-_23082	23082	23147	-	4	66	TTG	TAA	0	0
mORF_-_23151	23151	23159	-	4	9	GTG	TAG	0	0
mORF_-_23257	23257	23274	-	5	18	GTG	TAA	0	0
mORF_-_23319	23319	23342	-	4	24	TTG	TAA	0	0
mORF_-_23386	23386	23391	-	5	6	GTG	TGA	0	0
mORF_-_23428	23428	23475	-	5	48	GTG	TGA	0	0
mORF_-_23476	23476	23490	-	5	15	GTG	TAA	0	0
mORF_-_23491	23491	23535	-	5	45	ATG	TAA	0	0
mORF_-_23614	23614	23664	-	5	51	ATG	TGA	0	0
mORF_-_23658	23658	23693	-	4	36	GTG	TGA	0	0
mORF_-_23668	23668	23706	-	5	39	TTG	TGA	0	0
mORF_-_23760	23760	23981	-	4	222	ATG	TAG	0	0
mORF_-_23788	23788	23904	-	5	117	ATG	TGA	0	0
mORF_-_23813	23813	24088	-	6	276	GTG	TGA	0	0
mORF_-_23956	23956	23979	-	5	24	GTG	TGA	0	0
mORF_-_24049	24049	24123	-	5	75	GTG	TGA	0	0
mORF_-_24110	24110	24166	-	6	57	GTG	TAG	0	0
mORF_-_24184	24184	24246	-	5	63	TTG	TGA	0	0
mORF_-_24201	24201	24476	-	4	276	GTG	TAG	0	0
mORF_-_24281	24281	24517	-	6	237	GTG	TGA	0	0
mORF_-_24289	24289	24294	-	5	6	GTG	TAG	0	0
mORF_-_24343	24343	24492	-	5	150	TTG	TAG	0	0
mORF_-_24489	24489	24506	-	4	18	ATG	TGA	0	0
mORF_-_24568	24568	24585	-	5	18	TTG	TAG	0	0
mORF_-_24582	24582	24686	-	4	105	TTG	TGA	0	0
mORF_-_24592	24592	24606	-	5	15	TTG	TGA	0	0
mORF_-_24644	24644	24865	-	6	222	TTG	TAG	0	0
mORF_-_24649	24649	24699	-	5	51	GTG	TGA	0	0
mORF_-_24718	24718	24879	-	5	162	TTG	TAG	0	0
mORF_-_24965	24965	25228	-	6	264	TTG	TAA	0	0
mORF_-_24993	24993	25019	-	4	27	GTG	TAG	0	0
mORF_-_25030	25030	25050	-	5	21	TTG	TGA	0	0
mORF_-_25047	25047	25097	-	4	51	GTG	TGA	0	0
mORF_-_25108	25108	25215	-	5	108	TTG	TAG	0	0
mORF_-_25212	25212	25286	-	4	75	TTG	TGA	0	0
mORF_-_25234	25234	25353	-	5	120	ATG	TAG	0	0
mORF_-_25365	25365	25499	-	4	135	TTG	TAG	0	0
mORF_-_25492	25492	25731	-	5	240	ATG	TAG	0	0
mORF_-_25506	25506	25538	-	4	33	TTG	TAA	0	0
mORF_-_25587	25587	25790	-	4	204	ATG	TAG	0	0
mORF_-_25616	25616	25654	-	6	39	GTG	TGA	0	0
mORF_-_25742	25742	25867	-	6	126	GTG	TAG	0	0
mORF_-_25780	25780	25797	-	5	18	TTG	TAA	0	0
mORF_-_25804	25804	26010	-	5	207	GTG	TAA	0	0
mORF_-_25874	25874	25978	-	6	105	GTG	TAG	0	0
mORF_-_25905	25905	26051	-	4	147	GTG	TAG	0	0
mORF_-_26048	26048	26359	-	6	312	ATG	TGA	0	0
mORF_-_26062	26062	26202	-	5	141	TTG	TGA	0	0
mORF_-_26085	26085	26117	-	4	33	TTG	TAA	0	0
mORF_-_26127	26127	26135	-	4	9	TTG	TAA	0	0
mORF_-_26199	26199	26648	-	4	450	GTG	TGA	0	0
mORF_-_26332	26332	26370	-	5	39	GTG	TGA	0	0
mORF_-_26455	26455	26529	-	5	75	TTG	TAA	0	0
mORF_-_26507	26507	26632	-	6	126	ATG	TGA	0	0
mORF_-_26629	26629	26667	-	5	39	TTG	TGA	0	0
mORF_-_26636	26636	26863	-	6	228	ATG	TGA	0	0
mORF_-_26867	26867	26875	-	6	9	GTG	TAG	0	0
mORF_-_26885	26885	27175	-	6	291	ATG	TGA	0	0

mORF_-_27052	27052	27117	-	5	66	GTG	TAA	0	0
mORF_-_27224	27224	27232	-	6	9	ATG	TAA	0	0
mORF_-_27232	27232	27276	-	5	45	ATG	TAA	0	0
mORF_-_27280	27280	27435	-	5	156	TTG	TAA	0	0
mORF_-_27299	27299	27574	-	6	276	GTG	TAA	0	0
mORF_-_27303	27303	27368	-	4	66	GTG	TAG	0	0
mORF_-_27426	27426	27635	-	4	210	GTG	TAG	0	0
mORF_-_27556	27556	27867	-	5	312	TTG	TAG	0	0
mORF_-_27645	27645	27695	-	4	51	GTG	TAA	0	0
mORF_-_27692	27692	27697	-	6	6	TTG	TGA	0	0
mORF_-_27735	27735	27773	-	4	39	TTG	TGA	0	0
mORF_-_27861	27861	27875	-	4	15	TTG	TGA	0	0
mORF_-_27897	27897	27902	-	4	6	GTG	TAG	0	0
mORF_-_27911	27911	27991	-	6	81	GTG	TAA	0	0
mORF_-_27952	27952	28041	-	5	90	TTG	TAG	0	0
mORF_-_28066	28066	28215	-	5	150	GTG	TGA	0	0
mORF_-_28077	28077	28145	-	4	69	ATG	TAA	0	0
mORF_-_28082	28082	28240	-	6	159	ATG	TGA	0	0
mORF_-_28212	28212	28217	-	4	6	ATG	TGA	0	0
mORF_-_28219	28219	28236	-	5	18	ATG	TAA	0	0
mORF_-_28237	28237	28257	-	5	21	GTG	TGA	0	0
mORF_-_28254	28254	28280	-	4	27	ATG	TGA	0	0
mORF_-_28287	28287	28379	-	4	93	ATG	TAG	0	0
mORF_-_28330	28330	28353	-	5	24	TTG	TAA	0	0
mORF_-_28355	28355	28402	-	6	48	ATG	TAA	0	0
mORF_-_28372	28372	28455	-	5	84	ATG	TAG	0	0
mORF_-_28439	28439	28807	-	6	369	TTG	TGA	0	0
mORF_-_28503	28503	28859	-	4	357	ATG	TAA	0	0
mORF_-_28681	28681	28713	-	5	33	TTG	TAG	0	0
mORF_-_28820	28820	28825	-	6	6	GTG	TAG	0	0
mORF_-_28837	28837	28893	-	5	57	TTG	TAA	0	0
mORF_-_28850	28850	28882	-	6	33	GTG	TGA	0	0
mORF_-_28875	28875	29231	-	4	357	ATG	TGA	0	0
mORF_-_28946	28946	29185	-	6	240	TTG	TAG	0	0
mORF_-_29071	29071	29100	-	5	30	ATG	TGA	0	0
mORF_-_29182	29182	29229	-	5	48	GTG	TGA	0	0
mORF_-_29237	29237	29404	-	6	168	TTG	TAA	0	0
mORF_-_29284	29284	29313	-	5	30	TTG	TAA	0	0
mORF_-_29301	29301	29375	-	4	75	GTG	TAG	0	0
mORF_-_29317	29317	29322	-	5	6	ATG	TAA	0	0
mORF_-_29392	29392	29400	-	5	9	ATG	TAA	0	0
mORF_-_29397	29397	29486	-	4	90	GTG	TGA	0	0
mORF_-_29438	29438	29533	-	6	96	ATG	TAA	0	0
mORF_-_29458	29458	29511	-	5	54	ATG	TAA	0	0
mORF_-_29523	29523	29585	-	4	63	ATG	TAA	0	0
mORF_-_29590	29590	29601	-	5	12	ATG	TAA	0	0
mORF_-_29598	29598	29618	-	4	21	TTG	TGA	0	0
mORF_-_29655	29655	29717	-	4	63	TTG	TAA	0	0
mORF_-_29666	29666	29698	-	6	33	GTG	TAG	0	0
mORF_-_29695	29695	29748	-	5	54	TTG	TGA	0	0
mORF_-_29745	29745	29756	-	4	12	TTG	TGA	0	0
mORF_-_29753	29753	29965	-	6	213	ATG	TGA	0	0
mORF_-_29767	29767	29781	-	5	15	GTG	TGA	0	0
mORF_-_29814	29814	30032	-	4	219	GTG	TAA	0	0
mORF_-_29818	29818	29847	-	5	30	TTG	TAA	0	0
mORF_-_29869	29869	29922	-	5	54	TTG	TGA	0	0
mORF_-_29950	29950	30141	-	5	192	GTG	TAA	0	0
mORF_-_30045	30045	30164	-	4	120	GTG	TAA	0	0
mORF_-_30080	30080	30586	-	6	507	GTG	TAA	0	0
mORF_-_30238	30238	30369	-	5	132	TTG	TAA	0	0
mORF_-_30397	30397	30453	-	5	57	ATG	TAA	0	0
mORF_-_30466	30466	30504	-	5	39	TTG	TGA	0	0
mORF_-_30517	30517	30669	-	5	153	ATG	TGA	0	0

mORF_-_30570	30570	30620	-	4	51	TTG	TGA	0	0	
mORF_-_30611	30611	30637	-	6	27	ATG	TAA	0	0	
mORF_-_30630	30630	30692	-	4	63	ATG	TGA	0	0	
mORF_-_30659	30659	30757	-	6	99	GTG	TAA	0	0	
mORF_-_30670	30670	32004	-	5	1335	TTG	TGA	0	0	
mORF_-_30693	30693	30731	-	4	39	GTG	TGA	0	0	
mORF_-_30792	30792	30818	-	4	27	ATG	TAG	0	0	
mORF_-_30800	30800	30823	-	6	24	TTG	TGA	0	0	
mORF_-_30939	30939	30980	-	4	42	ATG	TAA	0	0	
mORF_-_30977	30977	31006	-	6	30	TTG	TGA	0	0	
mORF_-_31008	31008	31013	-	4	6	ATG	TAG	0	0	
mORF_-_31023	31023	31043	-	4	21	TTG	TGA	0	0	
mORF_-_31046	31046	31081	-	6	36	TTG	TAA	0	0	
mORF_-_31128	31128	31337	-	4	210	ATG	TGA	0	0	
mORF_-_31154	31154	31264	-	6	111	GTG	TGA	0	0	
mORF_-_31316	31316	31327	-	6	12	ATG	TAA	0	0	
mORF_-_31362	31362	31592	-	4	231	TTG	TAA	0	0	
mORF_-_31599	31599	31664	-	4	66	TTG	TGA	0	0	
mORF_-_31706	31706	31723	-	6	18	GTG	TAA	0	0	
mORF_-_31803	31803	31871	-	4	69	ATG	TAA	0	0	
mORF_-_31875	31875	31943	-	4	69	GTG	TAG	0	0	
mORF_-_31944	31944	32300	-	4	357	TTG	TGA	0	0	
mORF_-_32077	32077	33180	-	5	1104	GTG	TAA	0	0	
mORF_-_32258	32258	32326	-	6	69	TTG	TGA	0	0	
mORF_-_32391	32391	32435	-	4	45	GTG	TAA	0	0	
mORF_-_32439	32439	32453	-	4	15	GTG	TAA	0	0	
mORF_-_32454	32454	32504	-	4	51	ATG	TAA	0	0	
mORF_-_32595	32595	32639	-	4	45	GTG	TAA	0	0	
mORF_-_32643	32643	32651	-	4	9	GTG	TAG	0	0	
mORF_-_32748	32748	32897	-	4	150	GTG	TGA	0	0	
mORF_-_33024	33024	33152	-	4	129	ATG	TAG	0	0	
mORF_-_33149	33149	33196	-	6	48	ATG	TGA	0	0	
mORF_-_33210	33210	33215	-	4	6	GTG	TAG	0	0	
mORF_-_33231	33231	33320	-	4	90	TTG	TGA	0	0	
mORF_-_33327	33327	33458	-	4	132	TTG	TAG	0	0	
mORF_-_33341	33341	33403	-	6	63	TTG	TAA	0	0	
mORF_-_33477	33477	33818	-	4	342	ATG	TAG	0	0	
mORF_-_33535	33535	33816	-	5	282	GTG	TAA	0	0	
mORF_-_33566	33566	33703	-	6	138	TTG	TGA	0	0	
mORF_-_33819	33819	33833	-	4	15	TTG	TGA	0	0	
mORF_-_33849	33849	33866	-	4	18	GTG	TAG	0	0	
mORF_-_33857	33857	34027	-	6	171	GTG	TGA	0	0	
mORF_-_33868	33868	34065	-	5	198	ATG	TGA	0	0	
mORF_-_33933	33933	34049	-	4	117	ATG	TAA	0	0	
mORF_-_34046	34046	34165	-	6	120	ATG	TGA	0	0	
mORF_-_34086	34086	34265	-	4	180	ATG	TAG	0	0	
mORF_-_34175	34175	34183	-	6	9	GTG	TAA	0	0	
mORF_-_34180	34180	34185	-	5	6	GTG	TGA	0	0	
mORF_-_34186	34186	34206	-	5	21	ATG	TAA	0	0	
mORF_-_34208	34208	34255	-	6	48	TTG	TAG	0	0	
mORF_-_34262	34262	34381	-	6	120	TTG	TGA	0	0	
mORF_-_34336	34336	34554	-	5	219	TTG	TAA	1	2	pORF_-_34336
mORF_-_34395	34395	34418	-	4	24	TTG	TGA	0	0	
mORF_-_34437	34437	34457	-	4	21	GTG	TAA	0	0	
mORF_-_34557	34557	34637	-	4	81	GTG	TAA	0	0	
mORF_-_34643	34643	34771	-	6	129	ATG	TAA	0	0	
mORF_-_34698	34698	34784	-	4	87	GTG	TAA	0	0	
mORF_-_34781	34781	35392	-	6	612	GTG	TGA	0	0	
mORF_-_34795	34795	34800	-	5	6	ATG	TGA	0	0	
mORF_-_34843	34843	34887	-	5	45	TTG	TGA	0	0	
mORF_-_34909	34909	34944	-	5	36	ATG	TGA	0	0	
mORF_-_34938	34938	35108	-	4	171	TTG	TAG	0	0	
mORF_-_34972	34972	35013	-	5	42	TTG	TGA	0	0	

mORF_-_35017	35017	35058	-	5	42	ATG	TGA	0	0
mORF_-_35074	35074	35100	-	5	27	TTG	TGA	0	0
mORF_-_35101	35101	35193	-	5	93	ATG	TGA	0	0
mORF_-_35221	35221	35283	-	5	63	TTG	TGA	0	0
mORF_-_35284	35284	35295	-	5	12	TTG	TGA	0	0
mORF_-_35296	35296	35319	-	5	24	TTG	TGA	0	0
mORF_-_35344	35344	35355	-	5	12	TTG	TAA	0	0
mORF_-_35352	35352	35438	-	4	87	ATG	TGA	0	0
mORF_-_35377	35377	36270	-	5	894	ATG	TAA	0	0
mORF_-_35541	35541	35552	-	4	12	TTG	TGA	0	0
mORF_-_35621	35621	35647	-	6	27	TTG	TAG	0	0
mORF_-_35685	35685	35852	-	4	168	ATG	TGA	0	0
mORF_-_35792	35792	35803	-	6	12	TTG	TAA	0	0
mORF_-_35901	35901	35936	-	4	36	ATG	TAA	0	0
mORF_-_35964	35964	36038	-	4	75	GTG	TAA	0	0
mORF_-_36045	36045	36134	-	4	90	ATG	TAA	0	0
mORF_-_36141	36141	36158	-	4	18	GTG	TGA	0	0
mORF_-_36155	36155	36175	-	6	21	ATG	TGA	0	0
mORF_-_36186	36186	36218	-	4	33	ATG	TGA	0	0
mORF_-_36271	36271	37839	-	5	1569	ATG	TAA	0	0
mORF_-_36287	36287	36307	-	6	21	TTG	TAG	0	0
mORF_-_36399	36399	36416	-	4	18	ATG	TGA	0	0
mORF_-_36417	36417	36548	-	4	132	GTG	TGA	0	0
mORF_-_36555	36555	36851	-	4	297	TTG	TGA	0	0
mORF_-_36731	36731	36784	-	6	54	TTG	TGA	0	0
mORF_-_36861	36861	36869	-	4	9	ATG	TGA	0	0
mORF_-_36876	36876	36911	-	4	36	ATG	TGA	0	0
mORF_-_36899	36899	37144	-	6	246	TTG	TGA	0	0
mORF_-_37011	37011	37097	-	4	87	TTG	TGA	0	0
mORF_-_37170	37170	37199	-	4	30	GTG	TGA	0	0
mORF_-_37187	37187	37201	-	6	15	GTG	TGA	0	0
mORF_-_37248	37248	37328	-	4	81	ATG	TGA	0	0
mORF_-_37307	37307	37333	-	6	27	GTG	TGA	0	0
mORF_-_37374	37374	37403	-	4	30	ATG	TGA	0	0
mORF_-_37385	37385	37495	-	6	111	GTG	TGA	0	0
mORF_-_37407	37407	37478	-	4	72	GTG	TGA	0	0
mORF_-_37482	37482	37631	-	4	150	TTG	TGA	0	0
mORF_-_37502	37502	37534	-	6	33	GTG	TAG	0	0
mORF_-_37547	37547	37594	-	6	48	TTG	TAA	0	0
mORF_-_37695	37695	37742	-	4	48	GTG	TAA	0	0
mORF_-_37739	37739	37744	-	6	6	TTG	TGA	0	0
mORF_-_37746	37746	37829	-	4	84	GTG	TGA	0	0
mORF_-_37757	37757	37789	-	6	33	GTG	TAA	0	0
mORF_-_37867	37867	37908	-	5	42	TTG	TAG	0	0
mORF_-_37898	37898	39115	-	6	1218	ATG	TAA	0	0
mORF_-_37969	37969	38115	-	5	147	ATG	TGA	0	0
mORF_-_38028	38028	38090	-	4	63	GTG	TAA	0	0
mORF_-_38170	38170	38181	-	5	12	TTG	TGA	0	0
mORF_-_38191	38191	38349	-	5	159	TTG	TAA	0	0
mORF_-_38238	38238	38261	-	4	24	ATG	TGA	0	0
mORF_-_38334	38334	38342	-	4	9	GTG	TAA	0	0
mORF_-_38346	38346	38396	-	4	51	ATG	TGA	0	0
mORF_-_38374	38374	38394	-	5	21	GTG	TGA	0	0
mORF_-_38397	38397	38411	-	4	15	TTG	TAA	0	0
mORF_-_38430	38430	38453	-	4	24	GTG	TAA	0	0
mORF_-_38506	38506	38553	-	5	48	GTG	TGA	0	0
mORF_-_38593	38593	38652	-	5	60	GTG	TGA	0	0
mORF_-_38662	38662	38814	-	5	153	TTG	TGA	0	0
mORF_-_38694	38694	38783	-	4	90	GTG	TAA	0	0
mORF_-_38866	38866	38889	-	5	24	ATG	TGA	0	0
mORF_-_38886	38886	39146	-	4	261	ATG	TGA	0	0
mORF_-_38902	38902	39066	-	5	165	TTG	TAA	0	0
mORF_-_39181	39181	39216	-	5	36	ATG	TAG	0	0

mORF_-_39216	39216	39239	-	4	24	GTG	TGA	0	0
mORF_-_39244	39244	40386	-	5	1143	ATG	TAA	0	0
mORF_-_39258	39258	39269	-	4	12	GTG	TGA	0	0
mORF_-_39318	39318	39494	-	4	177	ATG	TAG	0	0
mORF_-_39407	39407	39484	-	6	78	GTG	TGA	0	0
mORF_-_39552	39552	39620	-	4	69	TTG	TGA	0	0
mORF_-_39617	39617	39628	-	6	12	GTG	TGA	0	0
mORF_-_39654	39654	39797	-	4	144	TTG	TAG	0	0
mORF_-_39825	39825	39836	-	4	12	TTG	TGA	0	0
mORF_-_39830	39830	39928	-	6	99	GTG	TGA	0	0
mORF_-_39885	39885	39956	-	4	72	ATG	TGA	0	0
mORF_-_39978	39978	40205	-	4	228	GTG	TGA	0	0
mORF_-_39983	39983	40030	-	6	48	GTG	TAG	0	0
mORF_-_40037	40037	40168	-	6	132	GTG	TAA	0	0
mORF_-_40221	40221	40301	-	4	81	TTG	TGA	0	0
mORF_-_40283	40283	40294	-	6	12	GTG	TGA	0	0
mORF_-_40329	40329	40370	-	4	42	ATG	TGA	0	0
mORF_-_40376	40376	40393	-	6	18	TTG	TAA	0	0
mORF_-_40417	40417	41931	-	5	1515	ATG	TAA	0	0
mORF_-_40445	40445	40579	-	6	135	TTG	TAA	0	0
mORF_-_40524	40524	40766	-	4	243	GTG	TGA	0	0
mORF_-_40607	40607	40630	-	6	24	TTG	TGA	0	0
mORF_-_40661	40661	40708	-	6	48	GTG	TAA	0	0
mORF_-_40829	40829	40891	-	6	63	GTG	TAG	0	0
mORF_-_40866	40866	40913	-	4	48	GTG	TGA	0	0
mORF_-_40895	40895	40966	-	6	72	ATG	TGA	0	0
mORF_-_40938	40938	40952	-	4	15	ATG	TGA	0	0
mORF_-_41006	41006	41119	-	6	114	TTG	TAA	0	0
mORF_-_41082	41082	41108	-	4	27	TTG	TGA	0	0
mORF_-_41136	41136	41264	-	4	129	TTG	TGA	0	0
mORF_-_41153	41153	41281	-	6	129	GTG	TGA	0	0
mORF_-_41286	41286	41303	-	4	18	TTG	TGA	0	0
mORF_-_41331	41331	41393	-	4	63	GTG	TGA	0	0
mORF_-_41390	41390	41494	-	6	105	GTG	TGA	0	0
mORF_-_41427	41427	41447	-	4	21	TTG	TGA	0	0
mORF_-_41562	41562	41603	-	4	42	TTG	TAG	0	0
mORF_-_41600	41600	41662	-	6	63	TTG	TGA	0	0
mORF_-_41690	41690	41764	-	6	75	ATG	TAA	0	0
mORF_-_41694	41694	41720	-	4	27	TTG	TAG	0	0
mORF_-_41748	41748	41831	-	4	84	ATG	TGA	0	0
mORF_-_41765	41765	41782	-	6	18	ATG	TGA	0	0
mORF_-_41810	41810	41857	-	6	48	TTG	TAA	0	0
mORF_-_41901	41901	41924	-	4	24	ATG	TAG	0	0
mORF_-_41921	41921	41944	-	6	24	GTG	TGA	0	0
mORF_-_41935	41935	41997	-	5	63	ATG	TAA	0	0
mORF_-_41960	41960	42085	-	6	126	GTG	TAA	0	0
mORF_-_42037	42037	42045	-	5	9	ATG	TAG	0	0
mORF_-_42082	42082	42087	-	5	6	ATG	TGA	0	0
mORF_-_42121	42121	42264	-	5	144	TTG	TAA	0	0
mORF_-_42146	42146	42175	-	6	30	ATG	TAA	0	0
mORF_-_42183	42183	42200	-	4	18	ATG	TGA	0	0
mORF_-_42258	42258	42302	-	4	45	TTG	TAA	0	0
mORF_-_42312	42312	42386	-	4	75	ATG	TAA	0	0
mORF_-_42320	42320	42328	-	6	9	TTG	TAA	0	0
mORF_-_42383	42383	42403	-	6	21	TTG	TGA	0	0
mORF_-_42420	42420	42614	-	4	195	TTG	TAG	0	0
mORF_-_42455	42455	42475	-	6	21	ATG	TGA	0	0
mORF_-_42475	42475	42510	-	5	36	TTG	TAA	0	0
mORF_-_42524	42524	42712	-	6	189	GTG	TAG	0	0
mORF_-_42544	42544	42552	-	5	9	TTG	TAG	0	0
mORF_-_42631	42631	42699	-	5	69	TTG	TAG	0	0
mORF_-_42777	42777	42986	-	4	210	ATG	TAA	0	0
mORF_-_42910	42910	42966	-	5	57	TTG	TAA	0	0

mORF_-_42953	42953	42964	-	6	12	GTG	TGA	0	0	
mORF_-_43040	43040	43144	-	6	105	ATG	TAA	0	0	
mORF_-_43060	43060	43068	-	5	9	TTG	TGA	0	0	
mORF_-_43098	43098	43169	-	4	72	ATG	TGA	0	0	
mORF_-_43166	43166	43195	-	6	30	GTG	TGA	0	0	
mORF_-_43170	43170	43205	-	4	36	TTG	TAA	0	0	
mORF_-_43266	43266	43340	-	4	75	ATG	TAA	0	0	
mORF_-_43274	43274	43297	-	6	24	TTG	TGA	0	0	
mORF_-_43294	43294	43320	-	5	27	TTG	TGA	0	0	
mORF_-_43337	43337	43360	-	6	24	TTG	TGA	0	0	
mORF_-_43350	43350	43421	-	4	72	GTG	TAA	0	0	
mORF_-_43385	43385	43465	-	6	81	TTG	TAA	0	0	
mORF_-_43408	43408	43479	-	5	72	TTG	TAG	0	0	
mORF_-_43467	43467	43562	-	4	96	GTG	TAA	0	0	
mORF_-_43487	43487	43564	-	6	78	ATG	TAA	0	0	
mORF_-_43568	43568	43639	-	6	72	GTG	TAA	0	0	
mORF_-_43627	43627	43668	-	5	42	GTG	TGA	0	0	
mORF_-_43652	43652	43843	-	6	192	TTG	TGA	0	0	
mORF_-_43665	43665	44012	-	4	348	TTG	TGA	0	0	
mORF_-_43717	43717	43731	-	5	15	TTG	TAA	0	0	
mORF_-_43913	43913	44029	-	6	117	TTG	TAG	0	0	
mORF_-_44026	44026	44316	-	5	291	GTG	TGA	0	0	
mORF_-_44066	44066	44269	-	6	204	TTG	TAA	0	0	
mORF_-_44118	44118	44150	-	4	33	ATG	TAA	0	0	
mORF_-_44205	44205	44243	-	4	39	GTG	TGA	0	0	
mORF_-_44273	44273	44401	-	6	129	ATG	TAA	0	0	
mORF_-_44329	44329	44397	-	5	69	GTG	TAG	0	0	
mORF_-_44439	44439	44474	-	4	36	ATG	TAG	0	0	
mORF_-_44446	44446	44454	-	5	9	TTG	TAG	0	0	
mORF_-_44485	44485	44709	-	5	225	TTG	TAA	0	0	
mORF_-_44556	44556	44699	-	4	144	TTG	TAA	0	0	
mORF_-_44763	44763	44825	-	4	63	GTG	TAA	0	0	
mORF_-_44794	44794	44829	-	5	36	GTG	TGA	0	0	
mORF_-_44822	44822	45016	-	6	195	GTG	TGA	0	0	
mORF_-_44857	44857	44874	-	5	18	GTG	TAA	0	0	
mORF_-_44905	44905	44994	-	5	90	TTG	TGA	0	0	
mORF_-_44952	44952	44975	-	4	24	GTG	TGA	0	0	
mORF_-_45013	45013	45120	-	5	108	ATG	TGA	0	0	
mORF_-_45114	45114	45164	-	4	51	TTG	TAA	0	0	
mORF_-_45176	45176	45232	-	6	57	ATG	TGA	0	0	
mORF_-_45198	45198	45299	-	4	102	GTG	TGA	0	0	
mORF_-_45226	45226	45303	-	5	78	ATG	TGA	0	0	
mORF_-_45275	45275	45403	-	6	129	GTG	TAG	0	0	
mORF_-_45313	45313	45786	-	5	474	ATG	TAG	1	2	pORF_-_45313
mORF_-_45432	45432	45608	-	4	177	TTG	TGA	0	0	
mORF_-_45509	45509	45838	-	6	330	TTG	TGA	0	0	
mORF_-_45639	45639	45722	-	4	84	GTG	TAA	0	0	
mORF_-_45741	45741	45776	-	4	36	GTG	TAA	0	0	
mORF_-_45783	45783	45935	-	4	153	TTG	TGA	0	0	
mORF_-_45847	45847	46017	-	5	171	ATG	TAG	0	0	
mORF_-_45851	45851	45862	-	6	12	ATG	TGA	0	0	
mORF_-_45899	45899	46015	-	6	117	GTG	TAA	0	0	
mORF_-_46028	46028	46165	-	6	138	ATG	TAA	0	0	
mORF_-_46075	46075	46119	-	5	45	ATG	TGA	0	0	
mORF_-_46162	46162	46194	-	5	33	TTG	TGA	0	0	
mORF_-_46175	46175	46201	-	6	27	GTG	TAA	0	0	
mORF_-_46220	46220	46237	-	6	18	ATG	TGA	0	0	
mORF_-_46301	46301	46591	-	6	291	ATG	TAA	0	0	
mORF_-_46407	46407	46610	-	4	204	TTG	TAA	0	0	
mORF_-_46516	46516	46653	-	5	138	GTG	TAA	0	0	
mORF_-_46592	46592	46759	-	6	168	ATG	TAA	0	0	
mORF_-_46681	46681	46737	-	5	57	ATG	TAA	0	0	
mORF_-_46877	46877	46990	-	6	114	TTG	TAG	0	0	

mORF_-_46930	46930	46974	-	5	45	GTG	TAA	0	0	
mORF_-_46994	46994	47107	-	6	114	TTG	TAA	0	0	
mORF_-_47002	47002	47169	-	5	168	TTG	TGA	0	0	
mORF_-_47202	47202	47234	-	4	33	GTG	TAG	0	0	
mORF_-_47240	47240	47599	-	6	360	ATG	TAG	0	0	
mORF_-_47253	47253	47318	-	4	66	TTG	TAA	0	0	
mORF_-_47359	47359	47469	-	5	111	TTG	TAG	0	0	
mORF_-_47466	47466	47669	-	4	204	GTG	TGA	0	0	
mORF_-_47512	47512	47538	-	5	27	TTG	TGA	0	0	
mORF_-_47627	47627	47770	-	6	144	ATG	TAG	0	0	
mORF_-_47644	47644	47688	-	5	45	GTG	TAG	0	0	
mORF_-_47691	47691	47999	-	4	309	TTG	TAA	0	0	
mORF_-_47801	47801	47833	-	6	33	ATG	TAA	0	0	
mORF_-_47867	47867	48181	-	6	315	TTG	TAG	0	0	
mORF_-_47974	47974	48042	-	5	69	ATG	TAA	0	0	
mORF_-_48087	48087	48197	-	4	111	TTG	TAA	0	0	
mORF_-_48145	48145	48309	-	5	165	ATG	TAG	0	0	
mORF_-_48368	48368	48376	-	6	9	GTG	TAG	0	0	
mORF_-_48424	48424	48570	-	5	147	ATG	TAA	0	0	
mORF_-_48438	48438	48725	-	4	288	TTG	TAA	0	0	
mORF_-_48542	48542	48904	-	6	363	TTG	TGA	0	0	
mORF_-_48598	48598	48648	-	5	51	ATG	TGA	0	0	
mORF_-_48685	48685	48879	-	5	195	TTG	TGA	0	0	
mORF_-_48762	48762	48917	-	4	156	TTG	TAA	0	0	
mORF_-_49017	49017	49070	-	4	54	ATG	TAA	0	0	
mORF_-_49106	49106	49198	-	6	93	TTG	TAA	0	0	
mORF_-_49131	49131	49274	-	4	144	GTG	TAA	0	0	
mORF_-_49246	49246	49356	-	5	111	GTG	TAA	0	0	
mORF_-_49274	49274	49279	-	6	6	ATG	TAG	0	0	
mORF_-_49417	49417	49446	-	5	30	TTG	TAA	0	0	
mORF_-_49424	49424	49465	-	6	42	TTG	TGA	0	0	
mORF_-_49481	49481	49516	-	6	36	ATG	TAG	0	0	
mORF_-_49503	49503	49535	-	4	33	ATG	TAA	0	0	
mORF_-_49516	49516	49626	-	5	111	ATG	TAA	0	0	
mORF_-_49542	49542	49586	-	4	45	ATG	TAA	0	0	
mORF_-_49547	49547	49597	-	6	51	ATG	TGA	0	0	
mORF_-_49628	49628	49651	-	6	24	GTG	TAG	0	0	
mORF_-_49648	49648	49800	-	5	153	TTG	TGA	0	0	
mORF_-_49749	49749	49760	-	4	12	GTG	TGA	0	0	
mORF_-_49782	49782	49823	-	4	42	TTG	TAA	0	0	
mORF_-_49807	49807	49995	-	5	189	TTG	TAA	0	0	
mORF_-_49928	49928	49957	-	6	30	ATG	TAA	0	0	
mORF_-_49944	49944	49970	-	4	27	TTG	TAA	0	0	
mORF_-_49967	49967	50269	-	6	303	GTG	TGA	0	0	
mORF_-_50014	50014	50097	-	5	84	ATG	TGA	0	0	
mORF_-_50094	50094	50138	-	4	45	TTG	TGA	0	0	
mORF_-_50119	50119	50190	-	5	72	GTG	TAA	0	0	
mORF_-_50364	50364	50432	-	4	69	TTG	TAG	0	0	
mORF_-_50380	50380	51222	-	5	843	ATG	TAA	3	9	pORF_-_50380
mORF_-_50463	50463	50591	-	4	129	TTG	TAA	0	0	
mORF_-_50567	50567	50668	-	6	102	TTG	TGA	0	0	
mORF_-_50601	50601	50789	-	4	189	GTG	TGA	0	0	
mORF_-_50786	50786	50845	-	6	60	GTG	TGA	0	0	
mORF_-_50805	50805	50810	-	4	6	ATG	TAG	0	0	
mORF_-_50871	50871	50942	-	4	72	ATG	TGA	0	0	
mORF_-_50964	50964	51002	-	4	39	TTG	TGA	0	0	
mORF_-_51066	51066	51083	-	4	18	ATG	TGA	0	0	
mORF_-_51174	51174	51299	-	4	126	ATG	TGA	0	0	
mORF_-_51179	51179	51190	-	6	12	TTG	TGA	0	0	
mORF_-_51229	51229	51660	-	5	432	TTG	TAA	0	0	
mORF_-_51303	51303	51446	-	4	144	ATG	TGA	0	0	
mORF_-_51507	51507	51560	-	4	54	TTG	TAA	0	0	
mORF_-_51557	51557	51586	-	6	30	GTG	TGA	0	0	

mORF_-_51609	51609	52430	-	4	822	ATG	TAA	16	68	pORF_-_51609
mORF_-_51800	51800	51841	-	6	42	ATG	TGA	0	0	
mORF_-_51817	51817	51930	-	5	114	TTG	TAA	0	0	
mORF_-_51920	51920	51925	-	6	6	ATG	TGA	0	0	
mORF_-_51950	51950	51985	-	6	36	TTG	TAA	0	0	
mORF_-_51995	51995	52039	-	6	45	ATG	TGA	0	0	
mORF_-_52064	52064	52141	-	6	78	TTG	TGA	0	0	
mORF_-_52151	52151	52159	-	6	9	ATG	TGA	0	0	
mORF_-_52187	52187	52231	-	6	45	TTG	TAG	0	0	
mORF_-_52277	52277	52345	-	6	69	TTG	TGA	0	0	
mORF_-_52423	52423	52443	-	5	21	TTG	TAA	0	0	
mORF_-_52427	52427	53416	-	6	990	ATG	TGA	4	9	pORF_-_52427
mORF_-_52444	52444	52515	-	5	72	TTG	TGA	0	0	
mORF_-_52570	52570	52575	-	5	6	GTG	TGA	0	0	
mORF_-_52597	52597	52653	-	5	57	TTG	TAA	0	0	
mORF_-_52702	52702	52725	-	5	24	ATG	TGA	0	0	
mORF_-_52792	52792	52863	-	5	72	TTG	TGA	0	0	
mORF_-_53049	53049	53105	-	4	57	GTG	TAA	0	0	
mORF_-_53068	53068	53079	-	5	12	TTG	TGA	0	0	
mORF_-_53089	53089	53145	-	5	57	TTG	TGA	0	0	
mORF_-_53142	53142	53330	-	4	189	GTG	TGA	0	0	
mORF_-_53149	53149	53175	-	5	27	GTG	TAG	0	0	
mORF_-_53197	53197	53352	-	5	156	TTG	TAA	0	0	
mORF_-_53353	53353	53367	-	5	15	TTG	TAG	0	0	
mORF_-_53392	53392	53400	-	5	9	GTG	TGA	0	0	
mORF_-_53416	53416	54702	-	5	1287	ATG	TAA	65	899	pORF_-_53416
mORF_-_53424	53424	53450	-	4	27	GTG	TGA	0	0	
mORF_-_53499	53499	53549	-	4	51	ATG	TGA	0	0	
mORF_-_53571	53571	53606	-	4	36	GTG	TAA	0	0	
mORF_-_53631	53631	53774	-	4	144	TTG	TGA	0	0	
mORF_-_53787	53787	53792	-	4	6	GTG	TGA	0	0	
mORF_-_53826	53826	53846	-	4	21	ATG	TGA	0	0	
mORF_-_53898	53898	53939	-	4	42	TTG	TGA	0	0	
mORF_-_54024	54024	54098	-	4	75	TTG	TGA	0	0	
mORF_-_54333	54333	54341	-	4	9	ATG	TGA	0	0	
mORF_-_54375	54375	54425	-	4	51	ATG	TGA	0	0	
mORF_-_54480	54480	54518	-	4	39	ATG	TGA	0	0	
mORF_-_54567	54567	54578	-	4	12	TTG	TAA	0	0	
mORF_-_54623	54623	54718	-	6	96	TTG	TAA	0	0	
mORF_-_54699	54699	54728	-	4	30	GTG	TGA	0	0	
mORF_-_54715	54715	54753	-	5	39	TTG	TGA	0	0	
mORF_-_54747	54747	54758	-	4	12	GTG	TGA	0	0	
mORF_-_54755	54755	57109	-	6	2355	ATG	TGA	67	247	pORF_-_54755
mORF_-_54826	54826	54876	-	5	51	ATG	TGA	0	0	
mORF_-_54888	54888	54896	-	4	9	TTG	TAA	0	0	
mORF_-_54901	54901	54957	-	5	57	GTG	TGA	0	0	
mORF_-_54958	54958	55053	-	5	96	GTG	TAG	0	0	
mORF_-_54981	54981	55022	-	4	42	TTG	TAA	0	0	
mORF_-_55054	55054	55071	-	5	18	ATG	TAG	0	0	
mORF_-_55147	55147	55185	-	5	39	TTG	TGA	0	0	
mORF_-_55204	55204	55314	-	5	111	ATG	TAG	0	0	
mORF_-_55209	55209	55289	-	4	81	GTG	TAA	0	0	
mORF_-_55311	55311	55322	-	4	12	ATG	TGA	0	0	
mORF_-_55324	55324	55428	-	5	105	GTG	TAA	0	0	
mORF_-_55435	55435	55650	-	5	216	TTG	TGA	0	0	
mORF_-_55666	55666	55908	-	5	243	ATG	TAA	0	0	
mORF_-_55927	55927	56217	-	5	291	ATG	TAG	0	0	
mORF_-_56097	56097	56180	-	4	84	TTG	TAG	0	0	
mORF_-_56223	56223	56297	-	4	75	GTG	TAA	0	0	
mORF_-_56251	56251	56388	-	5	138	TTG	TGA	0	0	
mORF_-_56422	56422	56544	-	5	123	ATG	TGA	0	0	
mORF_-_56560	56560	56640	-	5	81	GTG	TAG	0	0	
mORF_-_56650	56650	56697	-	5	48	GTG	TGA	0	0	

mORF_-_56758	56758	56946	-	5	189	ATG	TGA	0	0	
mORF_-_56953	56953	57072	-	5	120	TTG	TGA	0	0	
mORF_-_56994	56994	57020	-	4	27	GTG	TGA	0	0	
mORF_-_57119	57119	57181	-	6	63	ATG	TAA	0	0	
mORF_-_57184	57184	57231	-	5	48	GTG	TAG	0	0	
mORF_-_57195	57195	57500	-	4	306	TTG	TAA	0	0	
mORF_-_57262	57262	57279	-	5	18	GTG	TAA	0	0	
mORF_-_57445	57445	57555	-	5	111	ATG	TAA	0	0	
mORF_-_57513	57513	57581	-	4	69	GTG	TGA	0	0	
mORF_-_57556	57556	57657	-	5	102	TTG	TAA	0	0	
mORF_-_57578	57578	57799	-	6	222	GTG	TGA	0	0	
mORF_-_57630	57630	57686	-	4	57	TTG	TGA	0	0	
mORF_-_57774	57774	57833	-	4	60	ATG	TGA	0	0	
mORF_-_57796	57796	57804	-	5	9	GTG	TGA	0	0	
mORF_-_57830	57830	57967	-	6	138	TTG	TGA	0	0	
mORF_-_57844	57844	58209	-	5	366	GTG	TAA	0	0	
mORF_-_57861	57861	57884	-	4	24	ATG	TGA	0	0	
mORF_-_57918	57918	58028	-	4	111	TTG	TGA	0	0	
mORF_-_58025	58025	58144	-	6	120	ATG	TGA	0	0	
mORF_-_58172	58172	58237	-	6	66	GTG	TAA	0	0	
mORF_-_58234	58234	58281	-	5	48	TTG	TGA	0	0	
mORF_-_58278	58278	58286	-	4	9	GTG	TGA	0	0	
mORF_-_58290	58290	58394	-	4	105	ATG	TAA	0	0	
mORF_-_58369	58369	58443	-	5	75	ATG	TAA	0	0	
mORF_-_58450	58450	58458	-	5	9	TTG	TAA	0	0	
mORF_-_58455	58455	58523	-	4	69	TTG	TGA	0	0	
mORF_-_58502	58502	58507	-	6	6	GTG	TAA	0	0	
mORF_-_58510	58510	58584	-	5	75	TTG	TAA	0	0	
mORF_-_58533	58533	58556	-	4	24	TTG	TAA	0	0	
mORF_-_58600	58600	58608	-	5	9	ATG	TAA	0	0	
mORF_-_58638	58638	58868	-	4	231	ATG	TAA	0	0	
mORF_-_58766	58766	58804	-	6	39	TTG	TAA	0	0	
mORF_-_58849	58849	58917	-	5	69	TTG	TAA	0	0	
mORF_-_58937	58937	58996	-	6	60	TTG	TAA	0	0	
mORF_-_58947	58947	58967	-	4	21	ATG	TAA	0	0	
mORF_-_58977	58977	59009	-	4	33	TTG	TAA	0	0	
mORF_-_59042	59042	59242	-	6	201	TTG	TAG	0	0	
mORF_-_59221	59221	59253	-	5	33	TTG	TAG	0	0	
mORF_-_59244	59244	59258	-	4	15	TTG	TAA	0	0	
mORF_-_59259	59259	59312	-	4	54	TTG	TAA	0	0	
mORF_-_59281	59281	59358	-	5	78	ATG	TAG	0	0	
mORF_-_59337	59337	59342	-	4	6	TTG	TGA	0	0	
mORF_-_59343	59343	59405	-	4	63	GTG	TAA	0	0	
mORF_-_59377	59377	59430	-	5	54	TTG	TAG	0	0	
mORF_-_59439	59439	59474	-	4	36	ATG	TAG	0	0	
mORF_-_59443	59443	59460	-	5	18	TTG	TAA	0	0	
mORF_-_59485	59485	59583	-	5	99	GTG	TAA	0	0	
mORF_-_59508	59508	59645	-	4	138	TTG	TGA	0	0	
mORF_-_59558	59558	59614	-	6	57	TTG	TAA	0	0	
mORF_-_59687	59687	60403	-	6	717	TTG	TAA	1	2	pORF_-_59687
mORF_-_59713	59713	59727	-	5	15	ATG	TGA	0	0	
mORF_-_59746	59746	59853	-	5	108	GTG	TGA	0	0	
mORF_-_59884	59884	59931	-	5	48	ATG	TAA	0	0	
mORF_-_59949	59949	59999	-	4	51	TTG	TAA	0	0	
mORF_-_60001	60001	60060	-	5	60	ATG	TGA	0	0	
mORF_-_60130	60130	60135	-	5	6	TTG	TAG	0	0	
mORF_-_60136	60136	60192	-	5	57	GTG	TGA	0	0	
mORF_-_60208	60208	60288	-	5	81	ATG	TGA	0	0	
mORF_-_60358	60358	63264	-	5	2907	ATG	TAA	59	261	pORF_-_60358
mORF_-_60369	60369	60374	-	4	6	TTG	TAA	0	0	
mORF_-_60378	60378	60392	-	4	15	ATG	TGA	0	0	
mORF_-_60426	60426	60449	-	4	24	TTG	TAA	0	0	
mORF_-_60456	60456	60470	-	4	15	GTG	TGA	0	0	

mORF_-_60483	60483	60557	-	4	75	TTG	TGA	0	0
mORF_-_60558	60558	60692	-	4	135	TTG	TGA	0	0
mORF_-_60696	60696	60806	-	4	111	ATG	TAG	0	0
mORF_-_60915	60915	60995	-	4	81	ATG	TGA	0	0
mORF_-_61119	61119	61211	-	4	93	GTG	TGA	0	0
mORF_-_61233	61233	61244	-	4	12	ATG	TGA	0	0
mORF_-_61266	61266	61277	-	4	12	TTG	TGA	0	0
mORF_-_61314	61314	61523	-	4	210	TTG	TGA	0	0
mORF_-_61527	61527	61688	-	4	162	GTG	TGA	0	0
mORF_-_61562	61562	61582	-	6	21	GTG	TGA	0	0
mORF_-_61685	61685	61789	-	6	105	GTG	TGA	0	0
mORF_-_61782	61782	61889	-	4	108	GTG	TGA	0	0
mORF_-_61790	61790	61813	-	6	24	GTG	TGA	0	0
mORF_-_61989	61989	61994	-	4	6	GTG	TGA	0	0
mORF_-_62043	62043	62081	-	4	39	ATG	TGA	0	0
mORF_-_62154	62154	62165	-	4	12	ATG	TGA	0	0
mORF_-_62169	62169	62249	-	4	81	TTG	TGA	0	0
mORF_-_62328	62328	62492	-	4	165	TTG	TGA	0	0
mORF_-_62381	62381	62407	-	6	27	GTG	TGA	0	0
mORF_-_62423	62423	62446	-	6	24	ATG	TGA	0	0
mORF_-_62480	62480	62506	-	6	27	TTG	TAG	0	0
mORF_-_62508	62508	62585	-	4	78	TTG	TGA	0	0
mORF_-_62573	62573	62623	-	6	51	GTG	TGA	0	0
mORF_-_62652	62652	62660	-	4	9	GTG	TAA	0	0
mORF_-_62697	62697	62711	-	4	15	TTG	TGA	0	0
mORF_-_62721	62721	62777	-	4	57	ATG	TAG	0	0
mORF_-_62802	62802	62972	-	4	171	GTG	TGA	0	0
mORF_-_63021	63021	63032	-	4	12	ATG	TGA	0	0
mORF_-_63042	63042	63092	-	4	51	GTG	TAA	0	0
mORF_-_63114	63114	63251	-	4	138	TTG	TGA	0	0
mORF_-_63149	63149	63298	-	6	150	TTG	TGA	0	0
mORF_-_63285	63285	63305	-	4	21	GTG	TAA	0	0
mORF_-_63318	63318	63392	-	4	75	GTG	TAA	0	0
mORF_-_63334	63334	63432	-	5	99	TTG	TAA	0	0
mORF_-_63362	63362	63385	-	6	24	ATG	TAG	0	0
mORF_-_63389	63389	63442	-	6	54	TTG	TGA	0	0
mORF_-_63429	63429	65780	-	4	2352	GTG	TGA	0	0
mORF_-_63452	63452	63478	-	6	27	TTG	TGA	0	0
mORF_-_63475	63475	63588	-	5	114	ATG	TGA	0	0
mORF_-_63521	63521	63688	-	6	168	ATG	TGA	0	0
mORF_-_63704	63704	63754	-	6	51	GTG	TGA	0	0
mORF_-_63761	63761	63787	-	6	27	ATG	TGA	0	0
mORF_-_63920	63920	63931	-	6	12	ATG	TGA	0	0
mORF_-_63974	63974	64000	-	6	27	ATG	TGA	0	0
mORF_-_63997	63997	64053	-	5	57	GTG	TGA	0	0
mORF_-_64022	64022	64081	-	6	60	GTG	TGA	0	0
mORF_-_64121	64121	64180	-	6	60	TTG	TGA	0	0
mORF_-_64181	64181	64291	-	6	111	ATG	TGA	0	0
mORF_-_64304	64304	64348	-	6	45	ATG	TGA	0	0
mORF_-_64366	64366	64389	-	5	24	TTG	TAA	0	0
mORF_-_64370	64370	64483	-	6	114	TTG	TGA	0	0
mORF_-_64484	64484	64546	-	6	63	ATG	TGA	0	0
mORF_-_64568	64568	64663	-	6	96	TTG	TGA	0	0
mORF_-_64741	64741	64776	-	5	36	TTG	TGA	0	0
mORF_-_64781	64781	64831	-	6	51	TTG	TGA	0	0
mORF_-_64828	64828	64851	-	5	24	GTG	TGA	0	0
mORF_-_64961	64961	65074	-	6	114	ATG	TAA	0	0
mORF_-_64999	64999	65019	-	5	21	GTG	TAA	0	0
mORF_-_65032	65032	65115	-	5	84	TTG	TAA	0	0
mORF_-_65123	65123	65311	-	6	189	TTG	TGA	0	0
mORF_-_65308	65308	65328	-	5	21	GTG	TGA	0	0
mORF_-_65360	65360	65398	-	6	39	GTG	TGA	0	0
mORF_-_65395	65395	65409	-	5	15	GTG	TGA	0	0

mORF_-_65435	65435	65491	-	6	57	GTG	TGA	0	0	
mORF_-_65513	65513	65545	-	6	33	ATG	TGA	0	0	
mORF_-_65585	65585	65674	-	6	90	TTG	TGA	0	0	
mORF_-_65602	65602	65883	-	5	282	ATG	TGA	0	0	
mORF_-_65844	65844	65855	-	4	12	ATG	TAA	0	0	
mORF_-_65855	65855	66550	-	6	696	ATG	TAA	2	0	pORF_-_65855
mORF_-_65941	65941	66093	-	5	153	TTG	TAG	0	0	
mORF_-_65994	65994	66026	-	4	33	ATG	TAA	0	0	
mORF_-_66100	66100	66129	-	5	30	ATG	TAG	0	0	
mORF_-_66111	66111	66125	-	4	15	GTG	TAA	0	0	
mORF_-_66154	66154	66360	-	5	207	GTG	TGA	0	0	
mORF_-_66430	66430	66456	-	5	27	TTG	TGA	0	0	
mORF_-_66453	66453	66476	-	4	24	ATG	TGA	0	0	
mORF_-_66590	66590	66637	-	6	48	ATG	TAG	0	0	
mORF_-_66675	66675	66722	-	4	48	ATG	TAG	0	0	
mORF_-_66760	66760	66765	-	5	6	TTG	TAG	0	0	
mORF_-_66796	66796	66807	-	5	12	ATG	TGA	0	0	
mORF_-_66814	66814	66819	-	5	6	ATG	TAA	0	0	
mORF_-_66831	66831	66911	-	4	81	TTG	TAG	0	0	
mORF_-_66835	66835	68361	-	5	1527	TTG	TAA	23	7	pORF_-_66835
mORF_-_66912	66912	66926	-	4	15	TTG	TGA	0	0	
mORF_-_66923	66923	67054	-	6	132	GTG	TGA	0	0	
mORF_-_66966	66966	67061	-	4	96	ATG	TGA	0	0	
mORF_-_67098	67098	67148	-	4	51	TTG	TGA	0	0	
mORF_-_67149	67149	67163	-	4	15	TTG	TGA	0	0	
mORF_-_67191	67191	67310	-	4	120	ATG	TGA	0	0	
mORF_-_67383	67383	67430	-	4	48	TTG	TGA	0	0	
mORF_-_67482	67482	67529	-	4	48	GTG	TGA	0	0	
mORF_-_67548	67548	67562	-	4	15	TTG	TGA	0	0	
mORF_-_67620	67620	67664	-	4	45	ATG	TGA	0	0	
mORF_-_67683	67683	67796	-	4	114	TTG	TGA	0	0	
mORF_-_67809	67809	67955	-	4	147	ATG	TGA	0	0	
mORF_-_67877	67877	68149	-	6	273	TTG	TAA	0	0	
mORF_-_68058	68058	68165	-	4	108	ATG	TGA	0	0	
mORF_-_68223	68223	68327	-	4	105	TTG	TGA	0	0	
mORF_-_68231	68231	68311	-	6	81	GTG	TAA	0	0	
mORF_-_68337	68337	68426	-	4	90	ATG	TAA	0	0	
mORF_-_68348	68348	70048	-	6	1701	ATG	TAA	13	2	pORF_-_68348
mORF_-_68416	68416	68454	-	5	39	TTG	TGA	0	0	
mORF_-_68451	68451	68588	-	4	138	GTG	TGA	0	0	
mORF_-_68494	68494	68604	-	5	111	TTG	TAG	0	0	
mORF_-_68683	68683	68757	-	5	75	TTG	TGA	0	0	
mORF_-_68691	68691	68720	-	4	30	GTG	TAA	0	0	
mORF_-_68853	68853	68906	-	4	54	ATG	TAA	0	0	
mORF_-_68959	68959	69144	-	5	186	TTG	TGA	0	0	
mORF_-_69087	69087	69101	-	4	15	TTG	TGA	0	0	
mORF_-_69178	69178	69231	-	5	54	TTG	TAA	0	0	
mORF_-_69247	69247	69516	-	5	270	TTG	TGA	0	0	
mORF_-_69258	69258	69323	-	4	66	TTG	TGA	0	0	
mORF_-_69378	69378	69422	-	4	45	GTG	TGA	0	0	
mORF_-_69429	69429	69509	-	4	81	GTG	TAA	0	0	
mORF_-_69513	69513	69587	-	4	75	ATG	TGA	0	0	
mORF_-_69559	69559	69843	-	5	285	TTG	TGA	0	0	
mORF_-_69624	69624	69647	-	4	24	GTG	TGA	0	0	
mORF_-_69672	69672	69695	-	4	24	GTG	TGA	0	0	
mORF_-_69853	69853	69921	-	5	69	GTG	TGA	0	0	
mORF_-_69918	69918	69953	-	4	36	GTG	TGA	0	0	
mORF_-_69955	69955	70158	-	5	204	TTG	TAG	0	0	
mORF_-_70053	70053	70061	-	4	9	ATG	TGA	0	0	
mORF_-_70110	70110	70235	-	4	126	ATG	TGA	0	0	
mORF_-_70145	70145	70213	-	6	69	GTG	TAG	0	0	
mORF_-_70254	70254	70472	-	4	219	TTG	TAA	0	0	
mORF_-_70267	70267	70440	-	5	174	ATG	TAA	0	0	

mORF_-_70453	70453	70701	-	5	249	ATG	TAA	0	0	
mORF_-_70518	70518	70538	-	4	21	ATG	TAA	0	0	
mORF_-_70692	70692	70799	-	4	108	ATG	TAG	0	0	
mORF_-_70709	70709	70723	-	6	15	TTG	TAA	0	0	
mORF_-_70720	70720	70860	-	5	141	TTG	TGA	0	0	
mORF_-_70824	70824	70877	-	4	54	ATG	TAG	0	0	
mORF_-_70864	70864	70995	-	5	132	ATG	TAA	0	0	
mORF_-_70886	70886	70906	-	6	21	GTG	TAA	0	0	
mORF_-_70935	70935	70943	-	4	9	ATG	TGA	0	0	
mORF_-_70943	70943	71023	-	6	81	GTG	TGA	0	0	
mORF_-_70950	70950	71081	-	4	132	ATG	TGA	0	0	
mORF_-_71020	71020	71025	-	5	6	ATG	TGA	0	0	
mORF_-_71056	71056	71160	-	5	105	TTG	TAA	0	0	
mORF_-_71085	71085	71141	-	4	57	TTG	TGA	0	0	
mORF_-_71163	71163	71255	-	4	93	TTG	TAG	0	0	
mORF_-_71252	71252	71383	-	6	132	TTG	TGA	0	0	
mORF_-_71260	71260	71634	-	5	375	TTG	TGA	0	0	
mORF_-_71277	71277	71336	-	4	60	ATG	TGA	0	0	
mORF_-_71349	71349	71360	-	4	12	ATG	TAA	0	0	
mORF_-_71376	71376	71399	-	4	24	ATG	TAA	0	0	
mORF_-_71510	71510	71608	-	6	99	ATG	TAA	0	0	
mORF_-_71592	71592	71639	-	4	48	GTG	TAA	0	0	
mORF_-_71639	71639	71674	-	6	36	GTG	TAG	0	0	
mORF_-_71668	71668	71688	-	5	21	ATG	TGA	0	0	
mORF_-_71682	71682	71732	-	4	51	TTG	TGA	0	0	
mORF_-_71880	71880	72260	-	4	381	GTG	TAA	0	0	
mORF_-_71942	71942	71980	-	6	39	ATG	TAA	0	0	
mORF_-_71980	71980	72030	-	5	51	ATG	TAA	0	0	
mORF_-_72053	72053	72208	-	6	156	GTG	TAA	0	0	
mORF_-_72169	72169	72174	-	5	6	TTG	TAG	0	0	
mORF_-_72229	72229	72948	-	5	720	TTG	TAG	2	3	pORF_-_72229
mORF_-_72273	72273	72284	-	4	12	ATG	TGA	0	0	
mORF_-_72324	72324	72353	-	4	30	ATG	TAG	0	0	
mORF_-_72420	72420	72467	-	4	48	ATG	TGA	0	0	
mORF_-_72464	72464	72502	-	6	39	TTG	TGA	0	0	
mORF_-_72561	72561	72572	-	4	12	TTG	TAA	0	0	
mORF_-_72744	72744	72752	-	4	9	ATG	TAG	0	0	
mORF_-_72911	72911	74521	-	6	1611	ATG	TGA	1	2	pORF_-_72911
mORF_-_72985	72985	73119	-	5	135	TTG	TAA	0	0	
mORF_-_73095	73095	73115	-	4	21	ATG	TGA	0	0	
mORF_-_73171	73171	73191	-	5	21	TTG	TAA	0	0	
mORF_-_73188	73188	73208	-	4	21	ATG	TGA	0	0	
mORF_-_73258	73258	73266	-	5	9	ATG	TGA	0	0	
mORF_-_73279	73279	73287	-	5	9	ATG	TAA	0	0	
mORF_-_73297	73297	73371	-	5	75	TTG	TGA	0	0	
mORF_-_73308	73308	73655	-	4	348	TTG	TGA	0	0	
mORF_-_73483	73483	73512	-	5	30	TTG	TAG	0	0	
mORF_-_73579	73579	73587	-	5	9	ATG	TAA	0	0	
mORF_-_73594	73594	73638	-	5	45	TTG	TGA	0	0	
mORF_-_73639	73639	73719	-	5	81	TTG	TAA	0	0	
mORF_-_73725	73725	73958	-	4	234	ATG	TAA	1	3	pORF_-_73725
mORF_-_73819	73819	74178	-	5	360	ATG	TGA	0	0	
mORF_-_74073	74073	74129	-	4	57	GTG	TAA	0	0	
mORF_-_74184	74184	74366	-	4	183	GTG	TAG	0	0	
mORF_-_74227	74227	74445	-	5	219	TTG	TGA	0	0	
mORF_-_74397	74397	74420	-	4	24	GTG	TGA	0	0	
mORF_-_74470	74470	74475	-	5	6	GTG	TAA	0	0	
mORF_-_74497	74497	75492	-	5	996	TTG	TAA	38	142	pORF_-_74497
mORF_-_74525	74525	74533	-	6	9	ATG	TAG	0	0	
mORF_-_74592	74592	74663	-	4	72	ATG	TGA	0	0	
mORF_-_74841	74841	74861	-	4	21	GTG	TGA	0	0	
mORF_-_74865	74865	74957	-	4	93	ATG	TAA	0	0	
mORF_-_74948	74948	74974	-	6	27	ATG	TGA	0	0	

mORF_-_75021	75021	75047	-	4	27	TTG	TGA	0	0	
mORF_-_75078	75078	75194	-	4	117	TTG	TGA	0	0	
mORF_-_75219	75219	75305	-	4	87	ATG	TAG	0	0	
mORF_-_75257	75257	75334	-	6	78	TTG	TAA	0	0	
mORF_-_75324	75324	75350	-	4	27	TTG	TGA	0	0	
mORF_-_75425	75425	75505	-	6	81	TTG	TAA	0	0	
mORF_-_75489	75489	75527	-	4	39	TTG	TGA	0	0	
mORF_-_75524	75524	75643	-	6	120	TTG	TGA	0	0	
mORF_-_75573	75573	75596	-	4	24	GTG	TGA	0	0	
mORF_-_75613	75613	75663	-	5	51	TTG	TAA	0	0	
mORF_-_75633	75633	75668	-	4	36	GTG	TGA	0	0	
mORF_-_75644	75644	77320	-	6	1677	TTG	TGA	1	108	pORF_-_75644
mORF_-_75675	75675	75794	-	4	120	GTG	TAA	0	0	
mORF_-_75808	75808	75852	-	5	45	TTG	TGA	0	0	
mORF_-_75849	75849	75887	-	4	39	ATG	TGA	0	0	
mORF_-_75937	75937	75951	-	5	15	GTG	TAA	0	0	
mORF_-_75948	75948	75974	-	4	27	GTG	TGA	0	0	
mORF_-_76000	76000	76047	-	5	48	TTG	TGA	0	0	
mORF_-_76048	76048	76062	-	5	15	GTG	TGA	0	0	
mORF_-_76059	76059	76172	-	4	114	GTG	TGA	0	0	
mORF_-_76120	76120	76227	-	5	108	ATG	TAA	0	0	
mORF_-_76209	76209	76298	-	4	90	TTG	TAA	0	0	
mORF_-_76231	76231	76320	-	5	90	TTG	TAA	0	0	
mORF_-_76354	76354	76380	-	5	27	TTG	TGA	0	0	
mORF_-_76414	76414	76440	-	5	27	ATG	TAA	0	0	
mORF_-_76480	76480	76518	-	5	39	TTG	TGA	0	0	
mORF_-_76521	76521	76538	-	4	18	ATG	TAA	0	0	
mORF_-_76552	76552	76650	-	5	99	TTG	TGA	0	0	
mORF_-_76696	76696	76827	-	5	132	ATG	TGA	0	0	
mORF_-_76837	76837	77010	-	5	174	TTG	TAA	0	0	
mORF_-_77112	77112	77138	-	4	27	GTG	TAA	0	0	
mORF_-_77241	77241	77330	-	4	90	TTG	TAA	0	0	
mORF_-_77342	77342	77389	-	6	48	ATG	TAG	0	0	
mORF_-_77347	77347	77355	-	5	9	TTG	TAA	0	0	
mORF_-_77352	77352	77408	-	4	57	GTG	TGA	0	0	
mORF_-_77362	77362	77376	-	5	15	TTG	TAG	0	0	
mORF_-_77408	77408	77533	-	6	126	ATG	TAG	0	0	
mORF_-_77413	77413	77460	-	5	48	GTG	TAA	0	0	
mORF_-_77448	77448	77462	-	4	15	TTG	TAA	0	0	
mORF_-_77466	77466	77561	-	4	96	GTG	TAA	0	0	
mORF_-_77592	77592	77672	-	4	81	ATG	TAA	0	0	
mORF_-_77721	77721	77726	-	4	6	ATG	TAG	0	0	
mORF_-_77732	77732	77761	-	6	30	TTG	TAA	0	0	
mORF_-_77796	77796	77831	-	4	36	TTG	TAG	0	0	
mORF_-_77845	77845	77898	-	5	54	TTG	TGA	0	0	
mORF_-_77889	77889	77915	-	4	27	ATG	TAG	0	0	
mORF_-_77903	77903	77926	-	6	24	ATG	TAG	0	0	
mORF_-_77926	77926	77973	-	5	48	TTG	TAA	0	0	
mORF_-_77940	77940	77987	-	4	48	GTG	TGA	0	0	
mORF_-_78045	78045	78080	-	4	36	ATG	TAA	0	0	
mORF_-_78084	78084	78095	-	4	12	GTG	TAA	0	0	
mORF_-_78121	78121	78372	-	5	252	TTG	TAA	0	0	
mORF_-_78162	78162	78167	-	4	6	GTG	TGA	0	0	
mORF_-_78168	78168	78188	-	4	21	ATG	TGA	0	0	
mORF_-_78189	78189	78242	-	4	54	TTG	TAA	0	0	
mORF_-_78239	78239	78247	-	6	9	TTG	TGA	0	0	
mORF_-_78345	78345	78422	-	4	78	TTG	TGA	0	0	
mORF_-_78356	78356	78553	-	6	198	TTG	TAA	0	0	
mORF_-_78439	78439	78447	-	5	9	TTG	TAG	0	0	
mORF_-_78451	78451	78477	-	5	27	ATG	TAA	0	0	
mORF_-_78502	78502	78579	-	5	78	ATG	TAA	0	0	
mORF_-_78607	78607	78645	-	5	39	GTG	TGA	0	0	
mORF_-_78647	78647	78724	-	6	78	GTG	TAA	0	0	

mORF_-_78690	78690	78710	-	4	21	GTG	TAA	0	0	
mORF_-_78750	78750	78782	-	4	33	TTG	TAA	0	0	
mORF_-_78786	78786	78842	-	4	57	TTG	TAA	0	0	
mORF_-_78848	78848	79453	-	6	606	ATG	TAA	38	1145	pORF_-_78848
mORF_-_78853	78853	78918	-	5	66	TTG	TGA	0	0	
mORF_-_78937	78937	78960	-	5	24	ATG	TGA	0	0	
mORF_-_79045	79045	79077	-	5	33	ATG	TGA	0	0	
mORF_-_79087	79087	79149	-	5	63	TTG	TGA	0	0	
mORF_-_79174	79174	79209	-	5	36	GTG	TGA	0	0	
mORF_-_79264	79264	79338	-	5	75	TTG	TGA	0	0	
mORF_-_79351	79351	79407	-	5	57	ATG	TGA	0	0	
mORF_-_79464	79464	80864	-	4	1401	ATG	TAA	75	2289	pORF_-_79464
mORF_-_79499	79499	79594	-	6	96	GTG	TGA	0	0	
mORF_-_79573	79573	79662	-	5	90	ATG	TAA	0	0	
mORF_-_79625	79625	79678	-	6	54	TTG	TGA	0	0	
mORF_-_79718	79718	79810	-	6	93	TTG	TAA	0	0	
mORF_-_79880	79880	79936	-	6	57	TTG	TGA	0	0	
mORF_-_79973	79973	80167	-	6	195	TTG	TGA	0	0	
mORF_-_80143	80143	80208	-	5	66	GTG	TAA	0	0	
mORF_-_80231	80231	80362	-	6	132	TTG	TAA	0	0	
mORF_-_80236	80236	80256	-	5	21	TTG	TGA	0	0	
mORF_-_80390	80390	80494	-	6	105	TTG	TGA	0	0	
mORF_-_80564	80564	80587	-	6	24	TTG	TGA	0	0	
mORF_-_80606	80606	80740	-	6	135	ATG	TGA	0	0	
mORF_-_80759	80759	80824	-	6	66	TTG	TGA	0	0	
mORF_-_80867	80867	81961	-	6	1095	GTG	TAA	57	1217	pORF_-_80867
mORF_-_80881	80881	80937	-	5	57	GTG	TAG	0	0	
mORF_-_80968	80968	81129	-	5	162	TTG	TAG	0	0	
mORF_-_80991	80991	81002	-	4	12	TTG	TGA	0	0	
mORF_-_81117	81117	81191	-	4	75	GTG	TGA	0	0	
mORF_-_81181	81181	81240	-	5	60	TTG	TGA	0	0	
mORF_-_81195	81195	81227	-	4	33	GTG	TGA	0	0	
mORF_-_81259	81259	81306	-	5	48	ATG	TGA	0	0	
mORF_-_81330	81330	81347	-	4	18	ATG	TAA	0	0	
mORF_-_81388	81388	81486	-	5	99	ATG	TGA	0	0	
mORF_-_81495	81495	81554	-	4	60	GTG	TAG	0	0	
mORF_-_81538	81538	81588	-	5	51	GTG	TGA	0	0	
mORF_-_81660	81660	81719	-	4	60	GTG	TAA	0	0	
mORF_-_81730	81730	81810	-	5	81	TTG	TAG	0	0	
mORF_-_81762	81762	81767	-	4	6	TTG	TGA	0	0	
mORF_-_81807	81807	82028	-	4	222	GTG	TGA	0	0	
mORF_-_81823	81823	81876	-	5	54	ATG	TAG	0	0	
mORF_-_81901	81901	81939	-	5	39	TTG	TGA	0	0	
mORF_-_81958	81958	83529	-	5	1572	ATG	TGA	127	2825	pORF_-_81958
mORF_-_82041	82041	82154	-	4	114	ATG	TGA	0	0	
mORF_-_82188	82188	82418	-	4	231	TTG	TGA	0	0	
mORF_-_82446	82446	82457	-	4	12	ATG	TGA	0	0	
mORF_-_82470	82470	82505	-	4	36	ATG	TAG	0	0	
mORF_-_82518	82518	82529	-	4	12	GTG	TGA	0	0	
mORF_-_82566	82566	82574	-	4	9	TTG	TGA	0	0	
mORF_-_82614	82614	82670	-	4	57	TTG	TGA	0	0	
mORF_-_82697	82697	82702	-	6	6	TTG	TAA	0	0	
mORF_-_82709	82709	82732	-	6	24	ATG	TAG	0	0	
mORF_-_82713	82713	82826	-	4	114	GTG	TAG	0	0	
mORF_-_82842	82842	83129	-	4	288	ATG	TGA	0	0	
mORF_-_83051	83051	83113	-	6	63	TTG	TAA	0	0	
mORF_-_83138	83138	83320	-	6	183	ATG	TAA	0	0	
mORF_-_83175	83175	83231	-	4	57	TTG	TGA	0	0	
mORF_-_83310	83310	83366	-	4	57	TTG	TAG	0	0	
mORF_-_83403	83403	83438	-	4	36	TTG	TGA	0	0	
mORF_-_83454	83454	83459	-	4	6	GTG	TGA	0	0	
mORF_-_83460	83460	83486	-	4	27	GTG	TGA	0	0	
mORF_-_83483	83483	83572	-	6	90	ATG	TGA	0	0	

mORF_-_83550	83550	83588	-	4	39	TTG	TAA	0	0
mORF_-_83622	83622	83813	-	4	192	ATG	TAA	0	0
mORF_-_83708	83708	83758	-	6	51	TTG	TAA	0	0
mORF_-_83768	83768	83782	-	6	15	TTG	TGA	0	0
mORF_-_83870	83870	83890	-	6	21	ATG	TAA	0	0
mORF_-_83874	83874	83900	-	4	27	ATG	TAG	0	0
mORF_-_83887	83887	83922	-	5	36	ATG	TGA	0	0
mORF_-_83904	83904	83948	-	4	45	TTG	TGA	0	0
mORF_-_83923	83923	83964	-	5	42	TTG	TAG	0	0
mORF_-_83927	83927	84043	-	6	117	TTG	TGA	0	0
mORF_-_84057	84057	84065	-	4	9	ATG	TAA	0	0
mORF_-_84078	84078	84098	-	4	21	ATG	TAA	0	0
mORF_-_84085	84085	84096	-	5	12	GTG	TAA	0	0
mORF_-_84099	84099	84167	-	4	69	ATG	TAA	0	0
mORF_-_84167	84167	84199	-	6	33	ATG	TAA	0	0
mORF_-_84177	84177	84209	-	4	33	TTG	TAA	0	0
mORF_-_84196	84196	84204	-	5	9	GTG	TGA	0	0
mORF_-_84240	84240	84419	-	4	180	GTG	TAA	0	0
mORF_-_84275	84275	84289	-	6	15	ATG	TAA	0	0
mORF_-_84280	84280	84324	-	5	45	ATG	TAA	0	0
mORF_-_84362	84362	84391	-	6	30	ATG	TAA	0	0
mORF_-_84388	84388	84483	-	5	96	ATG	TGA	0	0
mORF_-_84446	84446	84619	-	6	174	TTG	TAA	0	0
mORF_-_84525	84525	84542	-	4	18	GTG	TGA	0	0
mORF_-_84558	84558	84785	-	4	228	TTG	TAA	0	0
mORF_-_84629	84629	84649	-	6	21	TTG	TGA	0	0
mORF_-_84650	84650	84658	-	6	9	TTG	TAG	0	0
mORF_-_84674	84674	84712	-	6	39	ATG	TGA	0	0
mORF_-_84709	84709	84741	-	5	33	ATG	TGA	0	0
mORF_-_84731	84731	84793	-	6	63	ATG	TAA	0	0
mORF_-_84763	84763	84804	-	5	42	TTG	TGA	0	0
mORF_-_84801	84801	84812	-	4	12	ATG	TGA	0	0
mORF_-_84812	84812	84883	-	6	72	ATG	TAA	0	0
mORF_-_84817	84817	84825	-	5	9	GTG	TGA	0	0
mORF_-_84868	84868	84942	-	5	75	TTG	TAA	0	0
mORF_-_84894	84894	84908	-	4	15	ATG	TAA	0	0
mORF_-_84908	84908	84949	-	6	42	ATG	TAA	0	0
mORF_-_84912	84912	84956	-	4	45	TTG	TAA	0	0
mORF_-_84957	84957	85031	-	4	75	ATG	TAA	0	0
mORF_-_84968	84968	85000	-	6	33	ATG	TAA	0	0
mORF_-_85028	85028	85129	-	6	102	ATG	TGA	0	0
mORF_-_85032	85032	85094	-	4	63	TTG	TAA	0	0
mORF_-_85036	85036	85053	-	5	18	GTG	TGA	0	0
mORF_-_85081	85081	85089	-	5	9	ATG	TGA	0	0
mORF_-_85137	85137	85298	-	4	162	TTG	TAG	0	0
mORF_-_85205	85205	85288	-	6	84	TTG	TAA	0	0
mORF_-_85270	85270	85305	-	5	36	TTG	TGA	0	0
mORF_-_85295	85295	85336	-	6	42	ATG	TGA	0	0
mORF_-_85329	85329	85358	-	4	30	ATG	TGA	0	0
mORF_-_85348	85348	85470	-	5	123	TTG	TAA	0	0
mORF_-_85467	85467	85511	-	4	45	GTG	TGA	0	0
mORF_-_85533	85533	85574	-	4	42	TTG	TAA	0	0
mORF_-_85585	85585	85764	-	5	180	ATG	TAA	0	0
mORF_-_85595	85595	85600	-	6	6	GTG	TAA	0	0
mORF_-_85611	85611	85631	-	4	21	ATG	TGA	0	0
mORF_-_85685	85685	85738	-	6	54	ATG	TAA	0	0
mORF_-_85768	85768	85797	-	5	30	ATG	TAA	0	0
mORF_-_85776	85776	85892	-	4	117	GTG	TGA	0	0
mORF_-_85877	85877	85915	-	6	39	ATG	TAA	0	0
mORF_-_85896	85896	85910	-	4	15	ATG	TAA	0	0
mORF_-_85915	85915	86031	-	5	117	TTG	TAA	0	0
mORF_-_85968	85968	86141	-	4	174	TTG	TGA	0	0
mORF_-_86024	86024	86080	-	6	57	TTG	TAA	0	0

mORF_-_86143	86143	86298	-	5	156	ATG	TAA	0	0
mORF_-_86181	86181	86192	-	4	12	GTG	TAA	0	0
mORF_-_86216	86216	86281	-	6	66	TTG	TAA	0	0
mORF_-_86262	86262	86285	-	4	24	GTG	TAG	0	0
mORF_-_86282	86282	86518	-	6	237	TTG	TGA	0	0
mORF_-_86347	86347	86823	-	5	477	GTG	TGA	0	0
mORF_-_86385	86385	86399	-	4	15	ATG	TGA	0	0
mORF_-_86418	86418	86558	-	4	141	ATG	TAG	0	0
mORF_-_86561	86561	86659	-	6	99	GTG	TAG	0	0
mORF_-_86709	86709	86729	-	4	21	GTG	TGA	0	0
mORF_-_86744	86744	86851	-	6	108	ATG	TAA	0	0
mORF_-_86844	86844	86966	-	4	123	GTG	TAA	0	0
mORF_-_86873	86873	86920	-	6	48	GTG	TGA	0	0
mORF_-_86908	86908	87108	-	5	201	ATG	TAA	0	0
mORF_-_86982	86982	87050	-	4	69	TTG	TGA	0	0
mORF_-_87047	87047	87112	-	6	66	GTG	TGA	0	0
mORF_-_87057	87057	87089	-	4	33	ATG	TAG	0	0
mORF_-_87109	87109	87126	-	5	18	TTG	TGA	0	0
mORF_-_87130	87130	87285	-	5	156	GTG	TAG	0	0
mORF_-_87186	87186	87239	-	4	54	TTG	TGA	0	0
mORF_-_87288	87288	87338	-	4	51	TTG	TAG	0	0
mORF_-_87355	87355	87483	-	5	129	ATG	TAA	0	0
mORF_-_87437	87437	87616	-	6	180	ATG	TAG	0	0
mORF_-_87483	87483	87545	-	4	63	TTG	TAA	0	0
mORF_-_87546	87546	87725	-	4	180	TTG	TAA	0	0
mORF_-_87641	87641	87703	-	6	63	GTG	TAA	0	0
mORF_-_87700	87700	87882	-	5	183	ATG	TGA	0	0
mORF_-_87722	87722	87736	-	6	15	GTG	TGA	0	0
mORF_-_87759	87759	87887	-	4	129	GTG	TAA	0	0
mORF_-_87908	87908	87991	-	6	84	TTG	TGA	0	0
mORF_-_87973	87973	88074	-	5	102	GTG	TAA	0	0
mORF_-_88004	88004	88306	-	6	303	TTG	TAA	0	0
mORF_-_88011	88011	88079	-	4	69	TTG	TAA	0	0
mORF_-_88081	88081	88164	-	5	84	TTG	TAG	0	0
mORF_-_88140	88140	88211	-	4	72	GTG	TGA	0	0
mORF_-_88165	88165	88248	-	5	84	GTG	TAA	0	0
mORF_-_88252	88252	88263	-	5	12	ATG	TAG	0	0
mORF_-_88322	88322	88363	-	6	42	GTG	TGA	0	0
mORF_-_88330	88330	88356	-	5	27	ATG	TGA	0	0
mORF_-_88367	88367	88492	-	6	126	GTG	TAA	0	0
mORF_-_88375	88375	88389	-	5	15	ATG	TGA	0	0
mORF_-_88429	88429	88497	-	5	69	GTG	TGA	0	0
mORF_-_88576	88576	88680	-	5	105	TTG	TAA	0	0
mORF_-_88589	88589	88666	-	6	78	ATG	TAG	0	0
mORF_-_88684	88684	88842	-	5	159	GTG	TAG	0	0
mORF_-_88709	88709	88780	-	6	72	TTG	TAA	0	0
mORF_-_88755	88755	88760	-	4	6	TTG	TGA	0	0
mORF_-_88794	88794	88970	-	4	177	TTG	TGA	0	0
mORF_-_88871	88871	88906	-	6	36	GTG	TAA	0	0
mORF_-_88903	88903	88989	-	5	87	ATG	TGA	0	0
mORF_-_89019	89019	89099	-	4	81	TTG	TGA	0	0
mORF_-_89029	89029	89043	-	5	15	TTG	TAG	0	0
mORF_-_89166	89166	89174	-	4	9	GTG	TAA	0	0
mORF_-_89171	89171	89188	-	6	18	GTG	TGA	0	0
mORF_-_89185	89185	89190	-	5	6	TTG	TGA	0	0
mORF_-_89194	89194	89370	-	5	177	TTG	TAA	0	0
mORF_-_89231	89231	89308	-	6	78	GTG	TAA	0	0
mORF_-_89298	89298	89321	-	4	24	TTG	TGA	0	0
mORF_-_89328	89328	89378	-	4	51	GTG	TAA	0	0
mORF_-_89380	89380	89409	-	5	30	ATG	TAA	0	0
mORF_-_89406	89406	89456	-	4	51	ATG	TGA	0	0
mORF_-_89453	89453	89671	-	6	219	TTG	TGA	0	0
mORF_-_89461	89461	89496	-	5	36	TTG	TAA	0	0

mORF_-_89527	89527	89559	-	5	33	TTG	TAA	0	0
mORF_-_89587	89587	89649	-	5	63	TTG	TGA	0	0
mORF_-_89682	89682	89807	-	4	126	TTG	TGA	0	0
mORF_-_89729	89729	89752	-	6	24	ATG	TGA	0	0
mORF_-_89774	89774	89830	-	6	57	ATG	TAA	0	0
mORF_-_89797	89797	89949	-	5	153	TTG	TAA	0	0
mORF_-_89865	89865	89873	-	4	9	ATG	TAA	0	0
mORF_-_89885	89885	89980	-	6	96	TTG	TGA	0	0
mORF_-_89910	89910	90014	-	4	105	TTG	TAA	0	0
mORF_-_89974	89974	90003	-	5	30	TTG	TGA	0	0
mORF_-_90011	90011	90022	-	6	12	TTG	TGA	0	0
mORF_-_90049	90049	90204	-	5	156	GTG	TAG	0	0
mORF_-_90105	90105	90170	-	4	66	ATG	TAG	0	0
mORF_-_90149	90149	90208	-	6	60	GTG	TGA	0	0
mORF_-_90171	90171	90176	-	4	6	ATG	TAG	0	0
mORF_-_90201	90201	90470	-	4	270	ATG	TGA	0	0
mORF_-_90205	90205	90321	-	5	117	GTG	TGA	0	0
mORF_-_90365	90365	90412	-	6	48	GTG	TAA	0	0
mORF_-_90409	90409	90417	-	5	9	TTG	TGA	0	0
mORF_-_90446	90446	90664	-	6	219	TTG	TAA	0	0
mORF_-_90511	90511	90690	-	5	180	ATG	TAG	0	0
mORF_-_90555	90555	90914	-	4	360	TTG	TAG	0	0
mORF_-_90760	90760	90876	-	5	117	TTG	TAG	0	0
mORF_-_90911	90911	91198	-	6	288	GTG	TGA	0	0
mORF_-_90930	90930	90950	-	4	21	TTG	TGA	0	0
mORF_-_91056	91056	91208	-	4	153	ATG	TAG	0	0
mORF_-_91066	91066	91101	-	5	36	ATG	TAA	0	0
mORF_-_91111	91111	91149	-	5	39	GTG	TAA	0	0
mORF_-_91168	91168	91443	-	5	276	TTG	TAA	0	0
mORF_-_91215	91215	91238	-	4	24	TTG	TAA	0	0
mORF_-_91226	91226	91414	-	6	189	ATG	TGA	0	0
mORF_-_91260	91260	91358	-	4	99	ATG	TAA	0	0
mORF_-_91368	91368	91460	-	4	93	ATG	TGA	0	0
mORF_-_91448	91448	91588	-	6	141	ATG	TGA	0	0
mORF_-_91545	91545	91610	-	4	66	TTG	TAA	0	0
mORF_-_91604	91604	91765	-	6	162	TTG	TGA	0	0
mORF_-_91656	91656	91709	-	4	54	ATG	TAA	0	0
mORF_-_91778	91778	91804	-	6	27	TTG	TGA	0	0
mORF_-_91785	91785	92102	-	4	318	GTG	TGA	0	0
mORF_-_91835	91835	91852	-	6	18	ATG	TGA	0	0
mORF_-_91859	91859	91867	-	6	9	TTG	TAG	0	0
mORF_-_91940	91940	91948	-	6	9	ATG	TGA	0	0
mORF_-_91970	91970	92035	-	6	66	ATG	TGA	0	0
mORF_-_92051	92051	92104	-	6	54	TTG	TAG	0	0
mORF_-_92144	92144	92407	-	6	264	ATG	TAA	0	0
mORF_-_92239	92239	92253	-	5	15	ATG	TAG	0	0
mORF_-_92308	92308	92334	-	5	27	TTG	TGA	0	0
mORF_-_92331	92331	92429	-	4	99	GTG	TGA	0	0
mORF_-_92411	92411	92437	-	6	27	TTG	TAA	0	0
mORF_-_92434	92434	92712	-	5	279	TTG	TGA	0	0
mORF_-_92450	92450	92509	-	6	60	TTG	TAG	0	0
mORF_-_92549	92549	92581	-	6	33	TTG	TAA	0	0
mORF_-_92610	92610	92627	-	4	18	TTG	TAA	0	0
mORF_-_92618	92618	92653	-	6	36	GTG	TGA	0	0
mORF_-_92694	92694	92819	-	4	126	ATG	TAA	0	0
mORF_-_92713	92713	92742	-	5	30	GTG	TAG	0	0
mORF_-_92723	92723	92731	-	6	9	ATG	TAG	0	0
mORF_-_92732	92732	92809	-	6	78	GTG	TAA	0	0
mORF_-_92838	92838	93152	-	4	315	TTG	TAG	0	0
mORF_-_92876	92876	92890	-	6	15	ATG	TAG	0	0
mORF_-_92930	92930	92938	-	6	9	TTG	TAG	0	0
mORF_-_92978	92978	93010	-	6	33	TTG	TGA	0	0
mORF_-_93032	93032	93100	-	6	69	ATG	TAG	0	0

mORF_-_93070	93070	93120	-	5	51	TTG	TGA	0	0	
mORF_-_93145	93145	93405	-	5	261	GTG	TAA	0	0	
mORF_-_93149	93149	93244	-	6	96	GTG	TGA	0	0	
mORF_-_93297	93297	93419	-	4	123	ATG	TGA	0	0	
mORF_-_93420	93420	93437	-	4	18	TTG	TAG	0	0	
mORF_-_93434	93434	93454	-	6	21	GTG	TGA	0	0	
mORF_-_93445	93445	93474	-	5	30	ATG	TAA	0	0	
mORF_-_93468	93468	93593	-	4	126	GTG	TAA	0	0	
mORF_-_93490	93490	93741	-	5	252	GTG	TAA	0	0	
mORF_-_93575	93575	93754	-	6	180	ATG	TGA	0	0	
mORF_-_93687	93687	93782	-	4	96	TTG	TGA	0	0	
mORF_-_93784	93784	93864	-	5	81	ATG	TAA	0	0	
mORF_-_93881	93881	93946	-	6	66	TTG	TAA	0	0	
mORF_-_93943	93943	94011	-	5	69	GTG	TGA	0	0	
mORF_-_94008	94008	94097	-	4	90	TTG	TGA	0	0	
mORF_-_94034	94034	94042	-	6	9	TTG	TAA	0	0	
mORF_-_94039	94039	94245	-	5	207	ATG	TGA	0	0	
mORF_-_94091	94091	94141	-	6	51	GTG	TGA	0	0	
mORF_-_94134	94134	94217	-	4	84	TTG	TAG	0	0	
mORF_-_94202	94202	94366	-	6	165	TTG	TGA	0	0	
mORF_-_94236	94236	94562	-	4	327	TTG	TAA	0	0	
mORF_-_94270	94270	94290	-	5	21	GTG	TAA	0	0	
mORF_-_94462	94462	94569	-	5	108	ATG	TAA	0	0	
mORF_-_94575	94575	94592	-	4	18	TTG	TAA	0	0	
mORF_-_94605	94605	94802	-	4	198	GTG	TAG	0	0	
mORF_-_94619	94619	95032	-	6	414	GTG	TGA	0	0	
mORF_-_94714	94714	94842	-	5	129	GTG	TGA	0	0	
mORF_-_94881	94881	94940	-	4	60	TTG	TAA	0	0	
mORF_-_94888	94888	94926	-	5	39	ATG	TGA	0	0	
mORF_-_95036	95036	95065	-	6	30	ATG	TAA	0	0	
mORF_-_95091	95091	95213	-	4	123	ATG	TAA	2	26	pORF_-_95091
mORF_-_95138	95138	95404	-	6	267	TTG	TGA	2	6	pORF_-_95138
mORF_-_95296	95296	95370	-	5	75	GTG	TAA	0	0	
mORF_-_95367	95367	95423	-	4	57	GTG	TGA	0	0	
mORF_-_95434	95434	95544	-	5	111	TTG	TAA	0	0	
mORF_-_95439	95439	95612	-	4	174	TTG	TAG	0	0	
mORF_-_95489	95489	95608	-	6	120	ATG	TGA	0	0	
mORF_-_95557	95557	95787	-	5	231	TTG	TGA	0	0	
mORF_-_95645	95645	95656	-	6	12	TTG	TAG	0	0	
mORF_-_95664	95664	95765	-	4	102	ATG	TGA	0	0	
mORF_-_95705	95705	95965	-	6	261	ATG	TAG	0	0	
mORF_-_95811	95811	95867	-	4	57	ATG	TAA	0	0	
mORF_-_95904	95904	95921	-	4	18	TTG	TAA	0	0	
mORF_-_95941	95941	96033	-	5	93	TTG	TAA	0	0	
mORF_-_96005	96005	96025	-	6	21	ATG	TAA	0	0	
mORF_-_96061	96061	96108	-	5	48	ATG	TAG	0	0	
mORF_-_96105	96105	96194	-	4	90	GTG	TGA	0	0	
mORF_-_96110	96110	96148	-	6	39	TTG	TGA	0	0	
mORF_-_96163	96163	96222	-	5	60	ATG	TGA	0	0	
mORF_-_96191	96191	96706	-	6	516	GTG	TGA	0	0	
mORF_-_96274	96274	96285	-	5	12	TTG	TAA	0	0	
mORF_-_96349	96349	96465	-	5	117	GTG	TAA	0	0	
mORF_-_96417	96417	96491	-	4	75	ATG	TGA	0	0	
mORF_-_96526	96526	96531	-	5	6	ATG	TAG	0	0	
mORF_-_96541	96541	96663	-	5	123	TTG	TAA	0	0	
mORF_-_96549	96549	96605	-	4	57	TTG	TGA	0	0	
mORF_-_96679	96679	96774	-	5	96	GTG	TAG	0	0	
mORF_-_96775	96775	96837	-	5	63	ATG	TAG	0	0	
mORF_-_96851	96851	96982	-	6	132	GTG	TAG	0	0	
mORF_-_96856	96856	96963	-	5	108	ATG	TGA	0	0	
mORF_-_96933	96933	96968	-	4	36	GTG	TAA	0	0	
mORF_-_96982	96982	97017	-	5	36	ATG	TAG	0	0	
mORF_-_97032	97032	97088	-	4	57	ATG	TAA	0	0	

mORF_-_97098	97098	97616	-	4	519	ATG	TGA	0	0	
mORF_-_97187	97187	97402	-	6	216	GTG	TAA	0	0	
mORF_-_97225	97225	97323	-	5	99	ATG	TAA	0	0	
mORF_-_97330	97330	97398	-	5	69	TTG	TAA	0	0	
mORF_-_97481	97481	97681	-	6	201	TTG	TAA	0	0	
mORF_-_97594	97594	97638	-	5	45	ATG	TAA	0	0	
mORF_-_97647	97647	97691	-	4	45	ATG	TAG	0	0	
mORF_-_97660	97660	97665	-	5	6	TTG	TAA	0	0	
mORF_-_97692	97692	97790	-	4	99	ATG	TAA	0	0	
mORF_-_97718	97718	97741	-	6	24	TTG	TAA	0	0	
mORF_-_97735	97735	97890	-	5	156	ATG	TAA	0	0	
mORF_-_97838	97838	97975	-	6	138	ATG	TAA	0	0	
mORF_-_97893	97893	98102	-	4	210	GTG	TAG	0	0	
mORF_-_97966	97966	98109	-	5	144	ATG	TAA	0	0	
mORF_-_98033	98033	98104	-	6	72	GTG	TAA	0	0	
mORF_-_98144	98144	98152	-	6	9	GTG	TAA	0	0	
mORF_-_98224	98224	98361	-	5	138	TTG	TAG	0	0	
mORF_-_98340	98340	98369	-	4	30	TTG	TGA	0	0	
mORF_-_98345	98345	98629	-	6	285	TTG	TGA	0	0	
mORF_-_98584	98584	98604	-	5	21	TTG	TGA	0	0	
mORF_-_98601	98601	98618	-	4	18	TTG	TGA	0	0	
mORF_-_98622	98622	98726	-	4	105	TTG	TAA	0	0	
mORF_-_98663	98663	98695	-	6	33	ATG	TAG	0	0	
mORF_-_98729	98729	98761	-	6	33	ATG	TAG	0	0	
mORF_-_98797	98797	98985	-	5	189	GTG	TAA	0	0	
mORF_-_98876	98876	98887	-	6	12	TTG	TAG	0	0	
mORF_-_98888	98888	99091	-	6	204	ATG	TAG	0	0	
mORF_-_99142	99142	99150	-	5	9	ATG	TAA	0	0	
mORF_-_99188	99188	99511	-	6	324	TTG	TGA	0	0	
mORF_-_99192	99192	99239	-	4	48	TTG	TAA	0	0	
mORF_-_99243	99243	99287	-	4	45	GTG	TAA	0	0	
mORF_-_99307	99307	99402	-	5	96	ATG	TAA	0	0	
mORF_-_99402	99402	99416	-	4	15	GTG	TAA	0	0	
mORF_-_99475	99475	99522	-	5	48	ATG	TAA	0	0	
mORF_-_99536	99536	99577	-	6	42	ATG	TAA	0	0	
mORF_-_99574	99574	99642	-	5	69	GTG	TGA	0	0	
mORF_-_99596	99596	99655	-	6	60	TTG	TAA	0	0	
mORF_-_99639	99639	99797	-	4	159	TTG	TGA	0	0	
mORF_-_99665	99665	99727	-	6	63	ATG	TAA	0	0	
mORF_-_99728	99728	99748	-	6	21	TTG	TAG	0	0	
mORF_-_99736	99736	99888	-	5	153	TTG	TGA	0	0	
mORF_-_99788	99788	99802	-	6	15	ATG	TAA	0	0	
mORF_-_99819	99819	99860	-	4	42	GTG	TGA	0	0	
mORF_-_99898	99898	99927	-	5	30	TTG	TGA	0	0	
mORF_-_99955	99955	99999	-	5	45	ATG	TAG	0	0	
mORF_-_99992	99992	100021	-	6	30	TTG	TAA	0	0	
mORF_-_100012	100012	100071	-	5	60	TTG	TGA	0	0	
mORF_-_100037	100037	100165	-	6	129	TTG	TAA	0	0	
mORF_-_100101	100101	100226	-	4	126	GTG	TAG	0	0	
mORF_-_100216	100216	100281	-	5	66	GTG	TGA	0	0	
mORF_-_100233	100233	100244	-	4	12	TTG	TAA	0	0	
mORF_-_100274	100274	100357	-	6	84	ATG	TGA	0	0	
mORF_-_100291	100291	100302	-	5	12	TTG	TGA	0	0	
mORF_-_100463	100463	100507	-	6	45	TTG	TAG	0	0	
mORF_-_100486	100486	100668	-	5	183	GTG	TGA	1	6	pORF_-_100486
mORF_-_100551	100551	100565	-	4	15	GTG	TAA	0	0	
mORF_-_100569	100569	100886	-	4	318	TTG	TAA	0	0	
mORF_-_100622	100622	100732	-	6	111	ATG	TAA	0	0	
mORF_-_100742	100742	100786	-	6	45	TTG	TAA	0	0	
mORF_-_100750	100750	100833	-	5	84	ATG	TAA	0	0	
mORF_-_100896	100896	100934	-	4	39	GTG	TGA	0	0	
mORF_-_100901	100901	100924	-	6	24	TTG	TGA	0	0	
mORF_-_100942	100942	101061	-	5	120	ATG	TAA	0	0	

mORF_-_100965	100965	100973	-	4	9	TTG	TAA	0	0	
mORF_-_100970	100970	101209	-	6	240	TTG	TGA	0	0	
mORF_-_101107	101107	101361	-	5	255	GTG	TAA	0	0	
mORF_-_101121	101121	101183	-	4	63	ATG	TGA	0	0	
mORF_-_101216	101216	101305	-	6	90	ATG	TAA	0	0	
mORF_-_101247	101247	101363	-	4	117	ATG	TGA	0	0	
mORF_-_101370	101370	101423	-	4	54	TTG	TAG	0	0	
mORF_-_101392	101392	101421	-	5	30	GTG	TAA	0	0	
mORF_-_101482	101482	101910	-	5	429	GTG	TAA	0	0	
mORF_-_101499	101499	101507	-	4	9	GTG	TGA	0	0	
mORF_-_101553	101553	101618	-	4	66	GTG	TGA	0	0	
mORF_-_101637	101637	101690	-	4	54	ATG	TGA	0	0	
mORF_-_101702	101702	101803	-	6	102	TTG	TAG	0	0	
mORF_-_101817	101817	101852	-	4	36	ATG	TAG	0	0	
mORF_-_101901	101901	102077	-	4	177	ATG	TGA	0	0	
mORF_-_101915	101915	102118	-	6	204	GTG	TAA	0	0	
mORF_-_102150	102150	102200	-	4	51	TTG	TGA	0	0	
mORF_-_102187	102187	102234	-	5	48	ATG	TAA	0	0	
mORF_-_102311	102311	102379	-	6	69	TTG	TAA	0	0	
mORF_-_102408	102408	102515	-	4	108	TTG	TAA	1	2	pORF_-_102408
mORF_-_102416	102416	102421	-	6	6	GTG	TAG	0	0	
mORF_-_102478	102478	102534	-	5	57	TTG	TAA	0	0	
mORF_-_102539	102539	102547	-	6	9	TTG	TAG	0	0	
mORF_-_102660	102660	102743	-	4	84	ATG	TAA	0	0	
mORF_-_102719	102719	102724	-	6	6	TTG	TAG	0	0	
mORF_-_102731	102731	102751	-	6	21	GTG	TAA	0	0	
mORF_-_102745	102745	102798	-	5	54	GTG	TGA	0	0	
mORF_-_102795	102795	102965	-	4	171	ATG	TGA	0	0	
mORF_-_102830	102830	102844	-	6	15	TTG	TGA	0	0	
mORF_-_102865	102865	102984	-	5	120	TTG	TAA	0	0	
mORF_-_102926	102926	102931	-	6	6	TTG	TGA	0	0	
mORF_-_103005	103005	103094	-	4	90	GTG	TAA	0	0	
mORF_-_103030	103030	103047	-	5	18	TTG	TAA	0	0	
mORF_-_103052	103052	103213	-	6	162	TTG	TGA	0	0	
mORF_-_103150	103150	103395	-	5	246	ATG	TAG	0	0	
mORF_-_103257	103257	103313	-	4	57	TTG	TAA	0	0	
mORF_-_103326	103326	103562	-	4	237	ATG	TGA	0	0	
mORF_-_103355	103355	103438	-	6	84	ATG	TAA	0	0	
mORF_-_103556	103556	103657	-	6	102	TTG	TGA	0	0	
mORF_-_103588	103588	103701	-	5	114	TTG	TGA	0	0	
mORF_-_103673	103673	103783	-	6	111	TTG	TAG	0	0	
mORF_-_103832	103832	103870	-	6	39	TTG	TAA	0	0	
mORF_-_103842	103842	103982	-	4	141	TTG	TAA	0	0	
mORF_-_103945	103945	104175	-	5	231	ATG	TAG	0	0	
mORF_-_104048	104048	104533	-	6	486	TTG	TAA	0	0	
mORF_-_104203	104203	104244	-	5	42	ATG	TGA	0	0	
mORF_-_104398	104398	104466	-	5	69	GTG	TGA	0	0	
mORF_-_104409	104409	104450	-	4	42	TTG	TGA	0	0	
mORF_-_104463	104463	104468	-	4	6	ATG	TGA	0	0	
mORF_-_104470	104470	104499	-	5	30	TTG	TGA	0	0	
mORF_-_104496	104496	104657	-	4	162	ATG	TGA	0	0	
mORF_-_104555	104555	104962	-	6	408	GTG	TGA	0	0	
mORF_-_104641	104641	104667	-	5	27	GTG	TAA	0	0	
mORF_-_104667	104667	104735	-	4	69	TTG	TAG	0	0	
mORF_-_104680	104680	104691	-	5	12	TTG	TAA	0	0	
mORF_-_104713	104713	104784	-	5	72	ATG	TAA	0	0	
mORF_-_104751	104751	104858	-	4	108	GTG	TAA	0	0	
mORF_-_104881	104881	104907	-	5	27	TTG	TAG	0	0	
mORF_-_104959	104959	104976	-	5	18	ATG	TGA	0	0	
mORF_-_104981	104981	105046	-	6	66	TTG	TAA	0	0	
mORF_-_105037	105037	105072	-	5	36	ATG	TGA	0	0	
mORF_-_105072	105072	105149	-	4	78	GTG	TAA	0	0	
mORF_-_105080	105080	105133	-	6	54	GTG	TAA	0	0	

mORF_-_105133	105133	105219	-	5	87	TTG	TAG	0	0
mORF_-_105146	105146	105151	-	6	6	ATG	TGA	0	0
mORF_-_105183	105183	105191	-	4	9	ATG	TAA	0	0
mORF_-_105216	105216	105290	-	4	75	TTG	TGA	0	0
mORF_-_105266	105266	106447	-	6	1182	TTG	TAA	0	0
mORF_-_105274	105274	105405	-	5	132	ATG	TGA	0	0
mORF_-_105303	105303	105317	-	4	15	TTG	TAG	0	0
mORF_-_105348	105348	105443	-	4	96	GTG	TGA	0	0
mORF_-_105478	105478	105948	-	5	471	GTG	TGA	0	0
mORF_-_105519	105519	105566	-	4	48	ATG	TAG	0	0
mORF_-_105600	105600	105665	-	4	66	TTG	TAA	0	0
mORF_-_105708	105708	105737	-	4	30	ATG	TGA	0	0
mORF_-_105903	105903	105974	-	4	72	TTG	TAA	0	0
mORF_-_105967	105967	106287	-	5	321	TTG	TAG	0	0
mORF_-_106095	106095	106157	-	4	63	ATG	TGA	0	0
mORF_-_106318	106318	106386	-	5	69	TTG	TAG	0	0
mORF_-_106368	106368	106568	-	4	201	TTG	TAG	0	0
mORF_-_106493	106493	106564	-	6	72	TTG	TAG	0	0
mORF_-_106561	106561	106575	-	5	15	GTG	TGA	0	0
mORF_-_106589	106589	106669	-	6	81	ATG	TGA	0	0
mORF_-_106608	106608	106613	-	4	6	ATG	TAA	0	0
mORF_-_106638	106638	106766	-	4	129	ATG	TAA	0	0
mORF_-_106666	106666	106695	-	5	30	GTG	TGA	0	0
mORF_-_106670	106670	107065	-	6	396	TTG	TAG	0	0
mORF_-_106756	106756	106782	-	5	27	TTG	TGA	0	0
mORF_-_106779	106779	107351	-	4	573	ATG	TGA	0	0
mORF_-_107072	107072	107203	-	6	132	ATG	TAG	0	0
mORF_-_107267	107267	107302	-	6	36	ATG	TGA	0	0
mORF_-_107309	107309	107314	-	6	6	TTG	TGA	0	0
mORF_-_107317	107317	107328	-	5	12	ATG	TAA	0	0
mORF_-_107329	107329	107355	-	5	27	GTG	TAA	0	0
mORF_-_107348	107348	107449	-	6	102	TTG	TGA	0	0
mORF_-_107446	107446	107700	-	5	255	TTG	TGA	0	0
mORF_-_107457	107457	107480	-	4	24	ATG	TGA	0	0
mORF_-_107481	107481	107519	-	4	39	GTG	TAA	0	0
mORF_-_107568	107568	107627	-	4	60	ATG	TAG	0	0
mORF_-_107597	107597	107614	-	6	18	GTG	TAA	0	0
mORF_-_107669	107669	107761	-	6	93	ATG	TAG	0	0
mORF_-_107746	107746	107871	-	5	126	TTG	TAG	0	0
mORF_-_107789	107789	107857	-	6	69	GTG	TAA	0	0
mORF_-_107805	107805	107846	-	4	42	TTG	TGA	0	0
mORF_-_107864	107864	108049	-	6	186	ATG	TGA	0	0
mORF_-_107874	107874	108056	-	4	183	ATG	TAA	0	0
mORF_-_107884	107884	107910	-	5	27	GTG	TGA	0	0
mORF_-_107950	107950	107967	-	5	18	GTG	TGA	0	0
mORF_-_108037	108037	108096	-	5	60	GTG	TGA	0	0
mORF_-_108056	108056	108223	-	6	168	TTG	TAA	0	0
mORF_-_108112	108112	108120	-	5	9	ATG	TAA	0	0
mORF_-_108124	108124	108189	-	5	66	ATG	TAA	0	0
mORF_-_108135	108135	108149	-	4	15	TTG	TAA	0	0
mORF_-_108202	108202	108213	-	5	12	GTG	TGA	0	0
mORF_-_108231	108231	108239	-	4	9	ATG	TAA	0	0
mORF_-_108236	108236	108370	-	6	135	ATG	TGA	0	0
mORF_-_108244	108244	108255	-	5	12	TTG	TAA	0	0
mORF_-_108294	108294	108527	-	4	234	GTG	TAA	0	0
mORF_-_108361	108361	108501	-	5	141	TTG	TGA	0	0
mORF_-_108536	108536	108574	-	6	39	ATG	TGA	0	0
mORF_-_108559	108559	108639	-	5	81	GTG	TAA	0	0
mORF_-_108626	108626	108673	-	6	48	TTG	TAA	0	0
mORF_-_108639	108639	109388	-	4	750	TTG	TAG	0	0
mORF_-_108677	108677	108760	-	6	84	ATG	TAG	0	0
mORF_-_108745	108745	108774	-	5	30	TTG	TGA	0	0
mORF_-_108785	108785	108802	-	6	18	GTG	TAA	0	0

mORF_-_108803	108803	108817	-	6	15	TTG	TAA	0	0	
mORF_-_108833	108833	108850	-	6	18	ATG	TAG	0	0	
mORF_-_108856	108856	108942	-	5	87	GTG	TGA	0	0	
mORF_-_108890	108890	108952	-	6	63	ATG	TAG	0	0	
mORF_-_109022	109022	109192	-	6	171	ATG	TGA	0	0	
mORF_-_109253	109253	109405	-	6	153	GTG	TAG	0	0	
mORF_-_109480	109480	109530	-	5	51	TTG	TAA	0	0	
mORF_-_109490	109490	109522	-	6	33	TTG	TAG	0	0	
mORF_-_109559	109559	109564	-	6	6	ATG	TAG	0	0	
mORF_-_109583	109583	109735	-	6	153	TTG	TGA	0	0	
mORF_-_109645	109645	109677	-	5	33	TTG	TAG	0	0	
mORF_-_109674	109674	110804	-	4	1131	TTG	TGA	0	0	
mORF_-_109763	109763	109792	-	6	30	TTG	TAA	0	0	
mORF_-_109910	109910	109948	-	6	39	ATG	TGA	0	0	
mORF_-_110036	110036	110200	-	6	165	ATG	TAG	0	0	
mORF_-_110240	110240	110254	-	6	15	ATG	TGA	0	0	
mORF_-_110255	110255	110341	-	6	87	ATG	TAA	0	0	
mORF_-_110329	110329	110436	-	5	108	TTG	TGA	0	0	
mORF_-_110348	110348	110509	-	6	162	ATG	TAG	0	0	
mORF_-_110558	110558	110578	-	6	21	ATG	TGA	0	0	
mORF_-_110575	110575	110664	-	5	90	GTG	TGA	0	0	
mORF_-_110657	110657	110761	-	6	105	TTG	TAG	0	0	
mORF_-_110829	110829	110981	-	4	153	TTG	TAA	0	0	
mORF_-_110848	110848	110886	-	5	39	GTG	TAA	0	0	
mORF_-_110855	110855	111235	-	6	381	ATG	TGA	0	0	
mORF_-_111028	111028	111129	-	5	102	ATG	TAA	0	0	
mORF_-_111036	111036	111044	-	4	9	TTG	TAA	0	0	
mORF_-_111205	111205	111471	-	5	267	GTG	TGA	0	0	
mORF_-_111222	111222	111287	-	4	66	GTG	TAA	0	0	
mORF_-_111242	111242	111343	-	6	102	TTG	TAG	0	0	
mORF_-_111435	111435	111473	-	4	39	GTG	TGA	0	0	
mORF_-_111521	111521	111589	-	6	69	TTG	TAG	0	0	
mORF_-_111526	111526	111645	-	5	120	TTG	TGA	0	0	
mORF_-_111564	111564	111698	-	4	135	GTG	TGA	1	2	pORF_-_111564
mORF_-_111638	111638	111652	-	6	15	GTG	TGA	0	0	
mORF_-_111649	111649	111846	-	5	198	ATG	TGA	4	11	pORF_-_111649
mORF_-_111719	111719	111766	-	6	48	TTG	TGA	0	0	
mORF_-_111744	111744	111791	-	4	48	GTG	TGA	0	0	
mORF_-_111788	111788	111862	-	6	75	TTG	TGA	0	0	
mORF_-_111849	111849	111935	-	4	87	TTG	TAA	0	0	
mORF_-_111856	111856	112599	-	5	744	ATG	TAA	8	21	pORF_-_111856
mORF_-_111990	111990	112037	-	4	48	ATG	TGA	0	0	
mORF_-_112052	112052	112177	-	6	126	TTG	TAA	0	0	
mORF_-_112116	112116	112127	-	4	12	TTG	TGA	0	0	
mORF_-_112137	112137	112199	-	4	63	TTG	TAG	0	0	
mORF_-_112196	112196	112207	-	6	12	TTG	TGA	0	0	
mORF_-_112224	112224	112247	-	4	24	TTG	TGA	0	0	
mORF_-_112248	112248	112262	-	4	15	GTG	TGA	0	0	
mORF_-_112326	112326	112400	-	4	75	TTG	TAA	0	0	
mORF_-_112407	112407	112496	-	4	90	TTG	TGA	0	0	
mORF_-_112527	112527	112565	-	4	39	ATG	TGA	0	0	
mORF_-_112535	112535	112549	-	6	15	ATG	TGA	0	0	
mORF_-_112566	112566	112580	-	4	15	TTG	TAA	0	0	
mORF_-_112577	112577	112768	-	6	192	ATG	TGA	1	2	pORF_-_112577
mORF_-_112599	112599	113219	-	4	621	ATG	TAA	6	24	pORF_-_112599
mORF_-_112778	112778	112837	-	6	60	TTG	TAA	0	0	
mORF_-_112855	112855	112893	-	5	39	GTG	TAA	0	0	
mORF_-_112871	112871	112900	-	6	30	ATG	TAG	0	0	
mORF_-_112946	112946	113044	-	6	99	TTG	TGA	0	0	
mORF_-_113045	113045	113188	-	6	144	TTG	TGA	0	0	
mORF_-_113198	113198	113206	-	6	9	TTG	TAA	0	0	
mORF_-_113216	113216	113254	-	6	39	TTG	TGA	0	0	
mORF_-_113251	113251	113304	-	5	54	GTG	TGA	0	0	

mORF_-_113308	113308	113370	-	5	63	ATG	TAA	0	0
mORF_-_113321	113321	113443	-	6	123	GTG	TAA	0	0
mORF_-_113392	113392	113508	-	5	117	GTG	TGA	0	0
mORF_-_113468	113468	113560	-	6	93	ATG	TAA	0	0
mORF_-_113542	113542	113556	-	5	15	TTG	TGA	0	0
mORF_-_113561	113561	113737	-	6	177	ATG	TGA	0	0
mORF_-_113566	113566	113619	-	5	54	GTG	TGA	0	0
mORF_-_113589	113589	113621	-	4	33	ATG	TAA	0	0
mORF_-_113677	113677	113712	-	5	36	TTG	TAG	0	0
mORF_-_113781	113781	113810	-	4	30	ATG	TAG	0	0
mORF_-_113810	113810	113854	-	6	45	GTG	TAA	0	0
mORF_-_113842	113842	114015	-	5	174	TTG	TAA	0	0
mORF_-_113954	113954	114277	-	6	324	GTG	TGA	0	0
mORF_-_113970	113970	114005	-	4	36	TTG	TAA	0	0
mORF_-_114028	114028	114207	-	5	180	ATG	TAA	0	0
mORF_-_114241	114241	114249	-	5	9	ATG	TAG	0	0
mORF_-_114274	114274	114495	-	5	222	TTG	TGA	0	0
mORF_-_114321	114321	114410	-	4	90	GTG	TAA	0	0
mORF_-_114407	114407	114535	-	6	129	GTG	TGA	0	0
mORF_-_114522	114522	115724	-	4	1203	ATG	TAA	0	0
mORF_-_114536	114536	114544	-	6	9	ATG	TGA	0	0
mORF_-_114548	114548	114592	-	6	45	TTG	TAG	0	0
mORF_-_114734	114734	114763	-	6	30	GTG	TAG	0	0
mORF_-_114872	114872	114901	-	6	30	GTG	TAG	0	0
mORF_-_115030	115030	115080	-	5	51	ATG	TAA	0	0
mORF_-_115037	115037	115087	-	6	51	GTG	TAG	0	0
mORF_-_115118	115118	115195	-	6	78	TTG	TAA	0	0
mORF_-_115259	115259	115309	-	6	51	ATG	TGA	0	0
mORF_-_115294	115294	115305	-	5	12	ATG	TGA	0	0
mORF_-_115322	115322	115330	-	6	9	GTG	TGA	0	0
mORF_-_115327	115327	115449	-	5	123	ATG	TGA	0	0
mORF_-_115340	115340	115402	-	6	63	TTG	TGA	0	0
mORF_-_115549	115549	115656	-	5	108	ATG	TAA	0	0
mORF_-_115595	115595	115675	-	6	81	ATG	TAA	0	0
mORF_-_115688	115688	115696	-	6	9	ATG	TAA	0	0
mORF_-_115714	115714	117099	-	5	1386	ATG	TAA	0	0
mORF_-_115746	115746	115757	-	4	12	TTG	TAA	0	0
mORF_-_115776	115776	115847	-	4	72	TTG	TAG	0	0
mORF_-_115887	115887	115988	-	4	102	ATG	TAA	0	0
mORF_-_115901	115901	116038	-	6	138	TTG	TGA	0	0
mORF_-_116064	116064	116216	-	4	153	ATG	TAA	0	0
mORF_-_116232	116232	116297	-	4	66	GTG	TGA	0	0
mORF_-_116328	116328	116342	-	4	15	TTG	TAG	0	0
mORF_-_116357	116357	116362	-	6	6	TTG	TAG	0	0
mORF_-_116382	116382	116399	-	4	18	GTG	TGA	0	0
mORF_-_116439	116439	116522	-	4	84	ATG	TAA	0	0
mORF_-_116553	116553	116666	-	4	114	TTG	TAA	0	0
mORF_-_116567	116567	116581	-	6	15	ATG	TGA	0	0
mORF_-_116700	116700	116780	-	4	81	ATG	TAA	0	0
mORF_-_116883	116883	117008	-	4	126	ATG	TAG	0	0
mORF_-_116993	116993	117073	-	6	81	GTG	TGA	0	0
mORF_-_117012	117012	117059	-	4	48	ATG	TAG	0	0
mORF_-_117096	117096	117167	-	4	72	GTG	TGA	0	0
mORF_-_117109	117109	117549	-	5	441	ATG	TAA	0	0
mORF_-_117212	117212	117748	-	6	537	TTG	TAA	0	0
mORF_-_117240	117240	117248	-	4	9	ATG	TAA	0	0
mORF_-_117267	117267	117293	-	4	27	GTG	TGA	0	0
mORF_-_117294	117294	117347	-	4	54	GTG	TGA	0	0
mORF_-_117360	117360	117371	-	4	12	ATG	TAG	0	0
mORF_-_117390	117390	117476	-	4	87	TTG	TAG	0	0
mORF_-_117483	117483	117503	-	4	21	TTG	TAA	0	0
mORF_-_117513	117513	117614	-	4	102	TTG	TGA	0	0
mORF_-_117577	117577	117588	-	5	12	TTG	TAG	0	0

mORF_-_117648	117648	117671	-	4	24	TTG	TAA	0	0	
mORF_-_117752	117752	118687	-	6	936	ATG	TAA	23	204	pORF_-_117752
mORF_-_117796	117796	117843	-	5	48	GTG	TAA	0	0	
mORF_-_117967	117967	117981	-	5	15	TTG	TGA	0	0	
mORF_-_118009	118009	118074	-	5	66	TTG	TAG	0	0	
mORF_-_118093	118093	118104	-	5	12	ATG	TGA	0	0	
mORF_-_118104	118104	118142	-	4	39	TTG	TGA	0	0	
mORF_-_118156	118156	118275	-	5	120	TTG	TGA	0	0	
mORF_-_118300	118300	118374	-	5	75	ATG	TAA	0	0	
mORF_-_118381	118381	118452	-	5	72	ATG	TAA	0	0	
mORF_-_118422	118422	118442	-	4	21	TTG	TGA	0	0	
mORF_-_118465	118465	118527	-	5	63	ATG	TGA	0	0	
mORF_-_118540	118540	118611	-	5	72	GTG	TAG	0	0	
mORF_-_118663	118663	118734	-	5	72	ATG	TAG	0	0	
mORF_-_118689	118689	118814	-	4	126	GTG	TAG	0	0	
mORF_-_118706	118706	118717	-	6	12	ATG	TAA	0	0	
mORF_-_118778	118778	118834	-	6	57	GTG	TGA	0	0	
mORF_-_118786	118786	118890	-	5	105	GTG	TAA	0	0	
mORF_-_118839	118839	118883	-	4	45	ATG	TAA	0	0	
mORF_-_118883	118883	119194	-	6	312	ATG	TAA	0	0	
mORF_-_118896	118896	119015	-	4	120	ATG	TAG	0	0	
mORF_-_119038	119038	119091	-	5	54	GTG	TGA	0	0	
mORF_-_119139	119139	119150	-	4	12	GTG	TAA	0	0	
mORF_-_119161	119161	119271	-	5	111	TTG	TAG	0	0	
mORF_-_119175	119175	119249	-	4	75	GTG	TAG	0	0	
mORF_-_119265	119265	119282	-	4	18	ATG	TGA	0	0	
mORF_-_119291	119291	119296	-	6	6	TTG	TAA	0	0	
mORF_-_119308	119308	119391	-	5	84	ATG	TAA	0	0	
mORF_-_119355	119355	119489	-	4	135	GTG	TGA	0	0	
mORF_-_119423	119423	119461	-	6	39	ATG	TAA	0	0	
mORF_-_119477	119477	119578	-	6	102	GTG	TGA	0	0	
mORF_-_119491	119491	119556	-	5	66	ATG	TAG	0	0	
mORF_-_119559	119559	119624	-	4	66	ATG	TAA	0	0	
mORF_-_119575	119575	119829	-	5	255	ATG	TGA	0	0	
mORF_-_119618	119618	119686	-	6	69	ATG	TGA	0	0	
mORF_-_119696	119696	119719	-	6	24	GTG	TAA	0	0	
mORF_-_119759	119759	120151	-	6	393	GTG	TAA	0	0	
mORF_-_119826	119826	119846	-	4	21	ATG	TGA	0	0	
mORF_-_119833	119833	119919	-	5	87	ATG	TAA	0	0	
mORF_-_119932	119932	119967	-	5	36	ATG	TAA	0	0	
mORF_-_119986	119986	120027	-	5	42	ATG	TAA	0	0	
mORF_-_120178	120178	121551	-	5	1374	ATG	TAA	8	39	pORF_-_120178
mORF_-_120212	120212	120247	-	6	36	ATG	TAA	0	0	
mORF_-_120465	120465	120494	-	4	30	TTG	TAA	0	0	
mORF_-_120500	120500	120514	-	6	15	GTG	TAA	0	0	
mORF_-_120549	120549	120617	-	4	69	TTG	TAA	0	0	
mORF_-_120596	120596	120769	-	6	174	GTG	TAA	0	0	
mORF_-_120687	120687	120704	-	4	18	TTG	TGA	0	0	
mORF_-_120729	120729	120737	-	4	9	TTG	TGA	0	0	
mORF_-_120792	120792	120803	-	4	12	TTG	TAG	0	0	
mORF_-_120813	120813	120908	-	4	96	GTG	TGA	0	0	
mORF_-_120869	120869	120985	-	6	117	GTG	TGA	0	0	
mORF_-_120939	120939	121022	-	4	84	GTG	TGA	0	0	
mORF_-_121056	121056	121106	-	4	51	TTG	TAG	0	0	
mORF_-_121140	121140	121148	-	4	9	TTG	TGA	0	0	
mORF_-_121218	121218	121235	-	4	18	TTG	TGA	0	0	
mORF_-_121236	121236	121352	-	4	117	GTG	TAG	0	0	
mORF_-_121368	121368	121391	-	4	24	TTG	TGA	0	0	
mORF_-_121464	121464	121475	-	4	12	GTG	TAG	0	0	
mORF_-_121582	121582	121611	-	5	30	TTG	TAG	0	0	
mORF_-_121635	121635	121643	-	4	9	TTG	TAA	0	0	
mORF_-_121658	121658	121711	-	6	54	GTG	TAA	0	0	
mORF_-_121675	121675	121683	-	5	9	TTG	TGA	0	0	

mORF_-_121680	121680	121775	-	4	96	TTG	TGA	0	0	
mORF_-_121717	121717	121830	-	5	114	GTG	TAA	0	0	
mORF_-_121820	121820	121855	-	6	36	TTG	TAA	0	0	
mORF_-_121827	121827	121832	-	4	6	TTG	TGA	0	0	
mORF_-_121872	121872	121922	-	4	51	ATG	TAA	0	0	
mORF_-_121909	121909	121953	-	5	45	TTG	TAG	0	0	
mORF_-_121925	121925	121930	-	6	6	TTG	TAA	0	0	
mORF_-_121950	121950	121970	-	4	21	GTG	TGA	0	0	
mORF_-_121958	121958	122005	-	6	48	ATG	TAA	0	0	
mORF_-_121975	121975	121986	-	5	12	TTG	TGA	0	0	
mORF_-_121983	121983	122093	-	4	111	ATG	TGA	0	0	
mORF_-_122021	122021	122071	-	6	51	TTG	TAA	0	0	
mORF_-_122032	122032	122058	-	5	27	TTG	TGA	0	0	
mORF_-_122077	122077	122259	-	5	183	TTG	TAA	0	0	
mORF_-_122090	122090	122215	-	6	126	TTG	TGA	0	0	
mORF_-_122097	122097	122171	-	4	75	GTG	TAG	0	0	
mORF_-_122256	122256	122306	-	4	51	GTG	TGA	0	0	
mORF_-_122323	122323	122370	-	5	48	ATG	TAG	0	0	
mORF_-_122336	122336	122533	-	6	198	TTG	TGA	0	0	
mORF_-_122377	122377	122487	-	5	111	GTG	TGA	0	0	
mORF_-_122430	122430	122492	-	4	63	ATG	TAA	0	0	
mORF_-_122530	122530	122595	-	5	66	ATG	TGA	0	0	
mORF_-_122550	122550	122579	-	4	30	TTG	TGA	0	0	
mORF_-_122599	122599	122844	-	5	246	TTG	TAG	0	0	
mORF_-_122691	122691	122705	-	4	15	ATG	TGA	0	0	
mORF_-_122717	122717	122752	-	6	36	ATG	TAA	0	0	
mORF_-_122771	122771	122920	-	6	150	TTG	TAA	0	0	
mORF_-_122853	122853	123035	-	4	183	TTG	TAA	0	0	
mORF_-_122939	122939	122989	-	6	51	TTG	TAA	0	0	
mORF_-_122995	122995	123090	-	5	96	ATG	TAA	0	0	
mORF_-_123020	123020	123223	-	6	204	TTG	TGA	0	0	
mORF_-_123115	123115	123192	-	5	78	TTG	TGA	0	0	
mORF_-_123193	123193	123366	-	5	174	ATG	TAG	0	0	
mORF_-_123266	123266	125539	-	6	2274	GTG	TGA	1	9	pORF_-_123266
mORF_-_123288	123288	123362	-	4	75	TTG	TGA	0	0	
mORF_-_123367	123367	123405	-	5	39	TTG	TAA	0	0	
mORF_-_123381	123381	123401	-	4	21	GTG	TAA	0	0	
mORF_-_123430	123430	123447	-	5	18	ATG	TAA	0	0	
mORF_-_123526	123526	123534	-	5	9	TTG	TGA	0	0	
mORF_-_123691	123691	123891	-	5	201	TTG	TAA	0	0	
mORF_-_123982	123982	123996	-	5	15	TTG	TAG	0	0	
mORF_-_123993	123993	124136	-	4	144	ATG	TGA	0	0	
mORF_-_124126	124126	124164	-	5	39	TTG	TAG	0	0	
mORF_-_124183	124183	124191	-	5	9	ATG	TGA	0	0	
mORF_-_124198	124198	124260	-	5	63	ATG	TAA	0	0	
mORF_-_124273	124273	124338	-	5	66	GTG	TGA	0	0	
mORF_-_124335	124335	124409	-	4	75	TTG	TGA	0	0	
mORF_-_124414	124414	124575	-	5	162	ATG	TGA	0	0	
mORF_-_124645	124645	124656	-	5	12	GTG	TGA	0	0	
mORF_-_124705	124705	124728	-	5	24	TTG	TGA	0	0	
mORF_-_124771	124771	124785	-	5	15	TTG	TAA	0	0	
mORF_-_124804	124804	124809	-	5	6	ATG	TAG	0	0	
mORF_-_124813	124813	124914	-	5	102	GTG	TAA	0	0	
mORF_-_124948	124948	124959	-	5	12	ATG	TGA	0	0	
mORF_-_125008	125008	125028	-	5	21	ATG	TAA	0	0	
mORF_-_125080	125080	125088	-	5	9	GTG	TAG	0	0	
mORF_-_125088	125088	125120	-	4	33	TTG	TAG	0	0	
mORF_-_125104	125104	125112	-	5	9	ATG	TAG	0	0	
mORF_-_125158	125158	125187	-	5	30	TTG	TAG	0	0	
mORF_-_125284	125284	125304	-	5	21	GTG	TAA	0	0	
mORF_-_125301	125301	125417	-	4	117	ATG	TGA	0	0	
mORF_-_125323	125323	125346	-	5	24	ATG	TGA	0	0	
mORF_-_125557	125557	125646	-	5	90	ATG	TAA	0	0	

mORF_-_125589	125589	125630	-	4	42	TTG	TAG	0	0
mORF_-_125661	125661	125867	-	4	207	TTG	TAA	0	0
mORF_-_125864	125864	125902	-	6	39	GTG	TGA	0	0
mORF_-_125906	125906	126010	-	6	105	TTG	TAA	0	0
mORF_-_125952	125952	126644	-	4	693	TTG	TGA	0	0
mORF_-_126263	126263	126298	-	6	36	GTG	TAG	0	0
mORF_-_126320	126320	126406	-	6	87	GTG	TAA	0	0
mORF_-_126403	126403	127632	-	5	1230	ATG	TGA	0	0
mORF_-_126518	126518	126706	-	6	189	GTG	TAA	0	0
mORF_-_126675	126675	126743	-	4	69	GTG	TGA	0	0
mORF_-_126783	126783	126917	-	4	135	ATG	TAA	0	0
mORF_-_126975	126975	127127	-	4	153	TTG	TGA	0	0
mORF_-_127149	127149	127568	-	4	420	ATG	TGA	0	0
mORF_-_127649	127649	127699	-	6	51	TTG	TAA	0	0
mORF_-_127739	127739	127783	-	6	45	TTG	TAA	0	0
mORF_-_127747	127747	127791	-	5	45	TTG	TAA	0	0
mORF_-_127752	127752	127757	-	4	6	ATG	TGA	0	0
mORF_-_127812	127812	127928	-	4	117	TTG	TAA	0	0
mORF_-_127993	127993	128496	-	5	504	GTG	TAA	0	0
mORF_-_128022	128022	128195	-	4	174	TTG	TAA	0	0
mORF_-_128069	128069	128092	-	6	24	TTG	TAG	0	0
mORF_-_128196	128196	128486	-	4	291	GTG	TGA	0	0
mORF_-_128465	128465	128509	-	6	45	GTG	TGA	0	0
mORF_-_128490	128490	128654	-	4	165	ATG	TAA	0	0
mORF_-_128506	128506	129363	-	5	858	TTG	TGA	0	0
mORF_-_128624	128624	128683	-	6	60	GTG	TAA	0	0
mORF_-_128655	128655	128675	-	4	21	TTG	TAA	0	0
mORF_-_128700	128700	128834	-	4	135	ATG	TAA	0	0
mORF_-_128840	128840	128875	-	6	36	GTG	TAG	0	0
mORF_-_128859	128859	128879	-	4	21	TTG	TGA	0	0
mORF_-_128931	128931	128960	-	4	30	ATG	TAG	0	0
mORF_-_128948	128948	128986	-	6	39	ATG	TAA	0	0
mORF_-_128964	128964	129026	-	4	63	ATG	TAG	0	0
mORF_-_129030	129030	129119	-	4	90	TTG	TAG	0	0
mORF_-_129126	129126	129383	-	4	258	GTG	TGA	0	0
mORF_-_129158	129158	129229	-	6	72	GTG	TAG	0	0
mORF_-_129394	129394	129432	-	5	39	GTG	TAA	0	0
mORF_-_129407	129407	131260	-	6	1854	ATG	TAA	0	0
mORF_-_129435	129435	129452	-	4	18	ATG	TGA	0	0
mORF_-_129502	129502	129594	-	5	93	GTG	TAA	0	0
mORF_-_129607	129607	129774	-	5	168	GTG	TGA	0	0
mORF_-_129895	129895	129957	-	5	63	ATG	TGA	0	0
mORF_-_130090	130090	130551	-	5	462	TTG	TGA	0	0
mORF_-_130158	130158	130184	-	4	27	ATG	TAA	0	0
mORF_-_130548	130548	130796	-	4	249	ATG	TGA	0	0
mORF_-_130747	130747	130776	-	5	30	ATG	TGA	0	0
mORF_-_130822	130822	130944	-	5	123	TTG	TGA	0	0
mORF_-_130848	130848	130865	-	4	18	GTG	TAA	0	0
mORF_-_130914	130914	131021	-	4	108	ATG	TAA	0	0
mORF_-_131115	131115	131216	-	4	102	TTG	TGA	0	0
mORF_-_131173	131173	131211	-	5	39	GTG	TAA	0	0
mORF_-_131218	131218	131232	-	5	15	ATG	TAA	0	0
mORF_-_131257	131257	131274	-	5	18	TTG	TGA	0	0
mORF_-_131271	131271	131303	-	4	33	GTG	TGA	0	0
mORF_-_131354	131354	131425	-	6	72	TTG	TAG	0	0
mORF_-_131429	131429	131455	-	6	27	GTG	TAG	0	0
mORF_-_131440	131440	131490	-	5	51	GTG	TAA	0	0
mORF_-_131484	131484	131498	-	4	15	TTG	TAA	0	0
mORF_-_131495	131495	131533	-	6	39	ATG	TGA	0	0
mORF_-_131534	131534	131557	-	6	24	GTG	TAA	0	0
mORF_-_131539	131539	131544	-	5	6	TTG	TAG	0	0
mORF_-_131554	131554	131766	-	5	213	TTG	TGA	0	0
mORF_-_131586	131586	131702	-	4	117	GTG	TAG	0	0

mORF_-_131618	131618	131692	-	6	75	TTG	TAG	0	0	
mORF_-_131759	131759	131977	-	6	219	GTG	TAA	0	0	
mORF_-_131797	131797	131892	-	5	96	ATG	TAG	0	0	
mORF_-_131823	131823	131951	-	4	129	GTG	TAG	0	0	
mORF_-_131902	131902	131910	-	5	9	ATG	TAA	0	0	
mORF_-_131911	131911	131964	-	5	54	TTG	TGA	0	0	
mORF_-_131952	131952	131969	-	4	18	GTG	TAG	0	0	
mORF_-_131974	131974	131979	-	5	6	GTG	TGA	0	0	
mORF_-_132001	132001	132522	-	5	522	ATG	TAG	0	0	
mORF_-_132144	132144	132200	-	4	57	GTG	TAG	0	0	
mORF_-_132182	132182	133294	-	6	1113	TTG	TGA	0	0	
mORF_-_132381	132381	132452	-	4	72	GTG	TAA	0	0	
mORF_-_132462	132462	132494	-	4	33	TTG	TAA	0	0	
mORF_-_132541	132541	132681	-	5	141	TTG	TAA	0	0	
mORF_-_132657	132657	132695	-	4	39	GTG	TAA	0	0	
mORF_-_132724	132724	133050	-	5	327	ATG	TGA	0	0	
mORF_-_133047	133047	133175	-	4	129	TTG	TGA	0	0	
mORF_-_133051	133051	133485	-	5	435	ATG	TGA	0	0	
mORF_-_133397	133397	134245	-	6	849	GTG	TAG	0	0	
mORF_-_133549	133549	133755	-	5	207	ATG	TGA	0	0	
mORF_-_133644	133644	133655	-	4	12	TTG	TAA	0	0	
mORF_-_133731	133731	133964	-	4	234	TTG	TAA	0	0	
mORF_-_133873	133873	134070	-	5	198	TTG	TAG	0	0	
mORF_-_134140	134140	134154	-	5	15	TTG	TAA	0	0	
mORF_-_134164	134164	134172	-	5	9	GTG	TGA	0	0	
mORF_-_134209	134209	134274	-	5	66	ATG	TAA	0	0	
mORF_-_134217	134217	134225	-	4	9	GTG	TGA	0	0	
mORF_-_134285	134285	134386	-	6	102	GTG	TAG	0	0	
mORF_-_134332	134332	134364	-	5	33	ATG	TAA	0	0	
mORF_-_134337	134337	134621	-	4	285	TTG	TGA	0	0	
mORF_-_134393	134393	134617	-	6	225	TTG	TAA	0	0	
mORF_-_134470	134470	134532	-	5	63	GTG	TAA	0	0	
mORF_-_134723	134723	134839	-	6	117	GTG	TAA	0	0	
mORF_-_134788	134788	135582	-	5	795	TTG	TAA	37	380	pORF_-_134788
mORF_-_134967	134967	134984	-	4	18	ATG	TGA	0	0	
mORF_-_134994	134994	135035	-	4	42	ATG	TGA	0	0	
mORF_-_135051	135051	135095	-	4	45	TTG	TGA	0	0	
mORF_-_135099	135099	135116	-	4	18	TTG	TAA	0	0	
mORF_-_135156	135156	135335	-	4	180	GTG	TGA	0	0	
mORF_-_135176	135176	135199	-	6	24	ATG	TGA	0	0	
mORF_-_135209	135209	135241	-	6	33	TTG	TGA	0	0	
mORF_-_135336	135336	135359	-	4	24	GTG	TGA	0	0	
mORF_-_135438	135438	135476	-	4	39	TTG	TGA	0	0	
mORF_-_135461	135461	135529	-	6	69	TTG	TGA	0	0	
mORF_-_135546	135546	135563	-	4	18	ATG	TGA	0	0	
mORF_-_135579	135579	135647	-	4	69	TTG	TGA	0	0	
mORF_-_135587	135587	135685	-	6	99	ATG	TAA	0	0	
mORF_-_135598	135598	136464	-	5	867	ATG	TAA	20	120	pORF_-_135598
mORF_-_135687	135687	135767	-	4	81	TTG	TGA	0	0	
mORF_-_135749	135749	135925	-	6	177	TTG	TAA	0	0	
mORF_-_135771	135771	135818	-	4	48	TTG	TGA	0	0	
mORF_-_135918	135918	136046	-	4	129	ATG	TGA	0	0	
mORF_-_136053	136053	136163	-	4	111	TTG	TGA	0	0	
mORF_-_136179	136179	136199	-	4	21	GTG	TAA	0	0	
mORF_-_136218	136218	136259	-	4	42	ATG	TGA	0	0	
mORF_-_136266	136266	136274	-	4	9	ATG	TGA	0	0	
mORF_-_136308	136308	136316	-	4	9	ATG	TAG	0	0	
mORF_-_136326	136326	136352	-	4	27	TTG	TAA	0	0	
mORF_-_136359	136359	136385	-	4	27	ATG	TGA	0	0	
mORF_-_136401	136401	136544	-	4	144	TTG	TAG	0	0	
mORF_-_136439	136439	136489	-	6	51	GTG	TGA	0	0	
mORF_-_136550	136550	136621	-	6	72	ATG	TAG	0	0	
mORF_-_136563	136563	136586	-	4	24	TTG	TGA	0	0	

mORF_-_136570	136570	137088	-	5	519	TTG	TAA	1	2	pORF_-_136570
mORF_-_136593	136593	136673	-	4	81	GTG	TAA	0	0	
mORF_-_136683	136683	136784	-	4	102	GTG	TGA	0	0	
mORF_-_136703	136703	136717	-	6	15	GTG	TAA	0	0	
mORF_-_136763	136763	136786	-	6	24	TTG	TAA	0	0	
mORF_-_136794	136794	136805	-	4	12	TTG	TGA	0	0	
mORF_-_136950	136950	136979	-	4	30	ATG	TAA	0	0	
mORF_-_137037	137037	137225	-	4	189	ATG	TGA	0	0	
mORF_-_137081	137081	137179	-	6	99	TTG	TAG	0	0	
mORF_-_137226	137226	137255	-	4	30	GTG	TGA	0	0	
mORF_-_137234	137234	137275	-	6	42	TTG	TAG	0	0	
mORF_-_137276	137276	137377	-	6	102	TTG	TAG	0	0	
mORF_-_137286	137286	137333	-	4	48	TTG	TAG	0	0	
mORF_-_137320	137320	137517	-	5	198	GTG	TAA	0	0	
mORF_-_137352	137352	137453	-	4	102	TTG	TAG	0	0	
mORF_-_137489	137489	137602	-	6	114	TTG	TAG	0	0	
mORF_-_137511	137511	137522	-	4	12	TTG	TGA	0	0	
mORF_-_137590	137590	137754	-	5	165	GTG	TAA	0	0	
mORF_-_137651	137651	137740	-	6	90	TTG	TAA	0	0	
mORF_-_137676	137676	137732	-	4	57	TTG	TGA	0	0	
mORF_-_137742	137742	137954	-	4	213	TTG	TAG	0	0	
mORF_-_137872	137872	138024	-	5	153	ATG	TAG	0	0	
mORF_-_138039	138039	138131	-	4	93	TTG	TGA	0	0	
mORF_-_138053	138053	138082	-	6	30	ATG	TAA	0	0	
mORF_-_138100	138100	138138	-	5	39	TTG	TAA	0	0	
mORF_-_138181	138181	138426	-	5	246	GTG	TAG	0	0	
mORF_-_138222	138222	138257	-	4	36	TTG	TGA	0	0	
mORF_-_138264	138264	138314	-	4	51	TTG	TGA	0	0	
mORF_-_138318	138318	138461	-	4	144	TTG	TGA	0	0	
mORF_-_138448	138448	138597	-	5	150	ATG	TGA	0	0	
mORF_-_138539	138539	138553	-	6	15	GTG	TAA	0	0	
mORF_-_138567	138567	138674	-	4	108	ATG	TAA	0	0	
mORF_-_138674	138674	138811	-	6	138	GTG	TAA	0	0	
mORF_-_138724	138724	138756	-	5	33	GTG	TAG	0	0	
mORF_-_138729	138729	138791	-	4	63	ATG	TAG	0	0	
mORF_-_138781	138781	138831	-	5	51	TTG	TGA	0	0	
mORF_-_138835	138835	141243	-	5	2409	TTG	TAA	34	58	pORF_-_138835
mORF_-_138840	138840	138893	-	4	54	TTG	TGA	0	0	
mORF_-_138918	138918	138938	-	4	21	ATG	TGA	0	0	
mORF_-_138939	138939	138947	-	4	9	ATG	TGA	0	0	
mORF_-_138944	138944	138994	-	6	51	GTG	TGA	0	0	
mORF_-_138951	138951	139004	-	4	54	GTG	TGA	0	0	
mORF_-_139011	139011	139187	-	4	177	ATG	TGA	0	0	
mORF_-_139064	139064	139177	-	6	114	GTG	TAA	0	0	
mORF_-_139187	139187	139222	-	6	36	ATG	TAA	0	0	
mORF_-_139194	139194	139367	-	4	174	GTG	TGA	0	0	
mORF_-_139232	139232	139237	-	6	6	ATG	TAA	0	0	
mORF_-_139374	139374	139523	-	4	150	ATG	TGA	0	0	
mORF_-_139433	139433	139453	-	6	21	ATG	TGA	0	0	
mORF_-_139520	139520	139552	-	6	33	GTG	TGA	0	0	
mORF_-_139542	139542	139592	-	4	51	GTG	TGA	0	0	
mORF_-_139562	139562	139582	-	6	21	GTG	TGA	0	0	
mORF_-_139647	139647	139886	-	4	240	ATG	TAA	0	0	
mORF_-_139784	139784	139864	-	6	81	GTG	TAA	0	0	
mORF_-_139887	139887	139910	-	4	24	ATG	TGA	0	0	
mORF_-_139959	139959	140129	-	4	171	GTG	TGA	0	0	
mORF_-_140087	140087	140098	-	6	12	GTG	TGA	0	0	
mORF_-_140184	140184	140327	-	4	144	TTG	TGA	0	0	
mORF_-_140279	140279	140299	-	6	21	GTG	TAA	0	0	
mORF_-_140328	140328	140342	-	4	15	ATG	TGA	0	0	
mORF_-_140339	140339	140371	-	6	33	TTG	TGA	0	0	
mORF_-_140379	140379	140429	-	4	51	GTG	TGA	0	0	
mORF_-_140463	140463	140516	-	4	54	TTG	TGA	0	0	

mORF_-_140468	140468	140485	-	6	18	ATG	TGA	0	0	
mORF_-_140507	140507	140539	-	6	33	GTG	TGA	0	0	
mORF_-_140571	140571	140591	-	4	21	GTG	TGA	0	0	
mORF_-_140610	140610	140615	-	4	6	ATG	TGA	0	0	
mORF_-_140676	140676	140714	-	4	39	ATG	TGA	0	0	
mORF_-_140736	140736	140768	-	4	33	ATG	TAG	0	0	
mORF_-_140820	140820	140831	-	4	12	GTG	TGA	0	0	
mORF_-_140834	140834	141031	-	6	198	TTG	TAG	0	0	
mORF_-_140838	140838	140903	-	4	66	TTG	TGA	0	0	
mORF_-_140955	140955	140978	-	4	24	TTG	TGA	0	0	
mORF_-_141044	141044	141160	-	6	117	TTG	TAA	0	0	
mORF_-_141078	141078	141170	-	4	93	TTG	TGA	0	0	
mORF_-_141215	141215	141238	-	6	24	ATG	TAA	0	0	
mORF_-_141240	141240	141248	-	4	9	ATG	TGA	0	0	
mORF_-_141248	141248	141265	-	6	18	TTG	TAA	0	0	
mORF_-_141256	141256	141285	-	5	30	ATG	TAA	0	0	
mORF_-_141266	141266	141301	-	6	36	GTG	TAA	0	0	
mORF_-_141298	141298	141303	-	5	6	TTG	TGA	0	0	
mORF_-_141341	141341	141382	-	6	42	TTG	TAA	0	0	
mORF_-_141410	141410	141439	-	6	30	ATG	TAA	0	0	
mORF_-_141504	141504	141566	-	4	63	ATG	TAA	0	0	
mORF_-_141514	141514	141519	-	5	6	TTG	TAA	0	0	
mORF_-_141563	141563	141610	-	6	48	ATG	TGA	0	0	
mORF_-_141637	141637	141735	-	5	99	ATG	TAG	0	0	
mORF_-_141732	141732	141752	-	4	21	GTG	TGA	0	0	
mORF_-_141773	141773	142000	-	6	228	ATG	TAA	0	0	
mORF_-_141858	141858	141914	-	4	57	GTG	TAA	0	0	
mORF_-_141895	141895	141903	-	5	9	ATG	TAA	0	0	
mORF_-_141925	141925	142005	-	5	81	ATG	TGA	0	0	
mORF_-_142008	142008	142670	-	4	663	ATG	TAA	37	367	pORF_-_142008
mORF_-_142028	142028	142105	-	6	78	GTG	TGA	0	0	
mORF_-_142102	142102	142170	-	5	69	GTG	TGA	0	0	
mORF_-_142223	142223	142423	-	6	201	ATG	TGA	0	0	
mORF_-_142228	142228	142233	-	5	6	GTG	TGA	0	0	
mORF_-_142345	142345	142371	-	5	27	TTG	TGA	0	0	
mORF_-_142445	142445	142507	-	6	63	TTG	TGA	0	0	
mORF_-_142504	142504	142557	-	5	54	ATG	TGA	0	0	
mORF_-_142514	142514	142639	-	6	126	ATG	TAA	0	0	
mORF_-_142591	142591	142632	-	5	42	ATG	TGA	0	0	
mORF_-_142676	142676	142786	-	6	111	ATG	TAA	0	0	
mORF_-_142698	142698	142721	-	4	24	TTG	TAA	0	0	
mORF_-_142734	142734	143147	-	4	414	TTG	TAA	0	0	
mORF_-_142777	142777	142791	-	5	15	GTG	TAA	0	0	
mORF_-_142877	142877	142918	-	6	42	GTG	TAA	0	0	
mORF_-_143012	143012	143047	-	6	36	TTG	TGA	0	0	
mORF_-_143093	143093	143356	-	6	264	GTG	TAG	0	0	
mORF_-_143229	143229	143237	-	4	9	ATG	TAA	0	0	
mORF_-_143242	143242	143301	-	5	60	TTG	TAG	0	0	
mORF_-_143322	143322	143411	-	4	90	GTG	TAA	0	0	
mORF_-_143350	143350	143358	-	5	9	GTG	TGA	0	0	
mORF_-_143360	143360	143401	-	6	42	ATG	TAG	0	0	
mORF_-_143473	143473	143490	-	5	18	GTG	TAA	0	0	
mORF_-_143522	143522	143617	-	6	96	ATG	TGA	0	0	
mORF_-_143618	143618	143710	-	6	93	ATG	TGA	0	0	
mORF_-_143644	143644	143673	-	5	30	GTG	TAG	0	0	
mORF_-_143670	143670	143690	-	4	21	TTG	TGA	0	0	
mORF_-_143677	143677	143703	-	5	27	ATG	TAA	0	0	
mORF_-_143713	143713	143805	-	5	93	ATG	TAA	0	0	
mORF_-_143726	143726	143863	-	6	138	ATG	TAG	0	0	
mORF_-_143872	143872	143922	-	5	51	TTG	TAG	0	0	
mORF_-_143916	143916	143948	-	4	33	ATG	TGA	0	0	
mORF_-_143926	143926	143961	-	5	36	TTG	TAG	0	0	
mORF_-_143945	143945	144010	-	6	66	GTG	TGA	0	0	

mORF_-_144007	144007	144066	-	5	60	ATG	TGA	0	0	
mORF_-_144015	144015	144101	-	4	87	ATG	TAA	0	0	
mORF_-_144083	144083	144112	-	6	30	ATG	TGA	0	0	
mORF_-_144103	144103	144246	-	5	144	GTG	TGA	0	0	
mORF_-_144210	144210	144242	-	4	33	GTG	TGA	0	0	
mORF_-_144243	144243	144320	-	4	78	TTG	TGA	0	0	
mORF_-_144269	144269	144448	-	6	180	TTG	TGA	0	0	
mORF_-_144346	144346	144384	-	5	39	GTG	TAG	0	0	
mORF_-_144408	144408	144524	-	4	117	GTG	TAA	0	0	
mORF_-_144475	144475	144537	-	5	63	TTG	TAG	0	0	
mORF_-_144580	144580	144648	-	5	69	ATG	TAA	0	0	
mORF_-_144593	144593	144655	-	6	63	GTG	TAA	0	0	
mORF_-_144660	144660	144995	-	4	336	TTG	TGA	0	0	
mORF_-_144691	144691	144735	-	5	45	ATG	TAA	0	0	
mORF_-_144758	144758	144808	-	6	51	ATG	TGA	0	0	
mORF_-_144811	144811	144825	-	5	15	GTG	TAA	0	0	
mORF_-_144904	144904	144999	-	5	96	ATG	TGA	0	0	
mORF_-_145014	145014	145064	-	4	51	GTG	TAA	0	0	
mORF_-_145042	145042	145092	-	5	51	TTG	TAG	0	0	
mORF_-_145071	145071	145088	-	4	18	TTG	TAA	0	0	
mORF_-_145118	145118	145126	-	6	9	TTG	TAA	0	0	
mORF_-_145141	145141	145341	-	5	201	TTG	TAA	0	0	
mORF_-_145152	145152	145256	-	4	105	GTG	TAA	0	0	
mORF_-_145238	145238	145276	-	6	39	ATG	TGA	0	0	
mORF_-_145269	145269	145295	-	4	27	TTG	TAA	0	0	
mORF_-_145329	145329	145373	-	4	45	TTG	TGA	0	0	
mORF_-_145393	145393	145491	-	5	99	ATG	TAA	0	0	
mORF_-_145397	145397	145450	-	6	54	ATG	TAA	0	0	
mORF_-_145419	145419	145469	-	4	51	TTG	TAG	0	0	
mORF_-_145507	145507	145575	-	5	69	TTG	TAA	0	0	
mORF_-_145556	145556	145663	-	6	108	ATG	TGA	0	0	
mORF_-_145597	145597	145845	-	5	249	TTG	TAG	0	0	
mORF_-_145605	145605	145727	-	4	123	ATG	TGA	0	0	
mORF_-_145676	145676	145720	-	6	45	GTG	TGA	0	0	
mORF_-_145743	145743	145808	-	4	66	TTG	TAG	0	0	
mORF_-_145821	145821	145889	-	4	69	TTG	TAG	0	0	
mORF_-_145874	145874	145882	-	6	9	GTG	TAA	0	0	
mORF_-_145879	145879	145926	-	5	48	TTG	TGA	0	0	
mORF_-_145886	145886	145915	-	6	30	TTG	TGA	0	0	
mORF_-_145946	145946	146074	-	6	129	GTG	TAA	0	0	
mORF_-_145978	145978	145998	-	5	21	ATG	TGA	0	0	
mORF_-_146010	146010	146144	-	4	135	TTG	TAA	0	0	
mORF_-_146026	146026	146046	-	5	21	GTG	TAA	0	0	
mORF_-_146071	146071	146178	-	5	108	GTG	TGA	0	0	
mORF_-_146135	146135	146317	-	6	183	TTG	TAA	0	0	
mORF_-_146175	146175	146204	-	4	30	TTG	TGA	0	0	
mORF_-_146244	146244	146321	-	4	78	TTG	TAA	0	0	
mORF_-_146251	146251	146313	-	5	63	TTG	TAA	0	0	
mORF_-_146314	146314	146694	-	5	381	ATG	TGA	23	481	pORF_-_146314
mORF_-_146352	146352	146645	-	4	294	ATG	TGA	0	0	
mORF_-_146609	146609	146620	-	6	12	TTG	TGA	0	0	
mORF_-_146708	146708	146758	-	6	51	GTG	TAG	0	0	
mORF_-_146780	146780	146794	-	6	15	ATG	TAA	0	0	
mORF_-_146787	146787	147095	-	4	309	GTG	TAG	0	0	
mORF_-_146810	146810	146989	-	6	180	GTG	TGA	0	0	
mORF_-_146938	146938	147012	-	5	75	TTG	TGA	0	0	
mORF_-_147016	147016	147057	-	5	42	ATG	TAA	0	0	
mORF_-_147070	147070	147102	-	5	33	ATG	TAA	0	0	
mORF_-_147099	147099	147149	-	4	51	GTG	TGA	0	0	
mORF_-_147103	147103	147297	-	5	195	GTG	TAA	0	0	
mORF_-_147159	147159	147182	-	4	24	TTG	TAG	0	0	
mORF_-_147189	147189	147248	-	4	60	ATG	TAA	0	0	
mORF_-_147255	147255	147272	-	4	18	ATG	TAA	0	0	

mORF_-_147260	147260	147364	-	6	105	TTG	TAG	0	0	
mORF_-_147333	147333	147347	-	4	15	GTG	TGA	0	0	
mORF_-_147361	147361	147474	-	5	114	ATG	TGA	0	0	
mORF_-_147411	147411	147575	-	4	165	GTG	TAG	0	0	
mORF_-_147446	147446	147451	-	6	6	GTG	TGA	0	0	
mORF_-_147496	147496	147510	-	5	15	ATG	TAG	0	0	
mORF_-_147532	147532	147546	-	5	15	TTG	TAA	0	0	
mORF_-_147585	147585	147599	-	4	15	ATG	TGA	0	0	
mORF_-_147589	147589	147636	-	5	48	TTG	TAA	0	0	
mORF_-_147686	147686	147826	-	6	141	TTG	TAG	0	0	
mORF_-_147829	147829	147921	-	5	93	ATG	TAA	0	0	
mORF_-_147944	147944	148795	-	6	852	GTG	TAA	57	567	pORF_-_147944
mORF_-_147973	147973	147990	-	5	18	TTG	TGA	0	0	
mORF_-_148009	148009	148095	-	5	87	ATG	TAA	0	0	
mORF_-_148096	148096	148164	-	5	69	TTG	TGA	0	0	
mORF_-_148171	148171	148197	-	5	27	TTG	TAA	0	0	
mORF_-_148237	148237	148308	-	5	72	TTG	TAA	0	0	
mORF_-_148321	148321	148470	-	5	150	TTG	TGA	0	0	
mORF_-_148549	148549	148650	-	5	102	ATG	TAA	0	0	
mORF_-_148681	148681	148692	-	5	12	ATG	TGA	0	0	
mORF_-_148701	148701	148946	-	4	246	TTG	TAA	0	0	
mORF_-_148789	148789	148797	-	5	9	TTG	TAA	0	0	
mORF_-_148807	148807	149601	-	5	795	ATG	TAA	56	932	pORF_-_148807
mORF_-_148959	148959	149048	-	4	90	TTG	TGA	0	0	
mORF_-_149045	149045	149059	-	6	15	ATG	TGA	0	0	
mORF_-_149097	149097	149159	-	4	63	GTG	TAG	0	0	
mORF_-_149129	149129	149251	-	6	123	GTG	TGA	0	0	
mORF_-_149190	149190	149216	-	4	27	GTG	TAG	0	0	
mORF_-_149241	149241	149417	-	4	177	TTG	TAG	0	0	
mORF_-_149454	149454	149528	-	4	75	ATG	TGA	0	0	
mORF_-_149598	149598	149651	-	4	54	GTG	TGA	0	0	
mORF_-_149644	149644	149685	-	5	42	GTG	TGA	0	0	
mORF_-_149648	149648	149665	-	6	18	TTG	TGA	0	0	
mORF_-_149715	149715	150953	-	4	1239	ATG	TGA	0	0	
mORF_-_149726	149726	149773	-	6	48	TTG	TAA	0	0	
mORF_-_149789	149789	149875	-	6	87	ATG	TAA	0	0	
mORF_-_149879	149879	149902	-	6	24	ATG	TAG	0	0	
mORF_-_149939	149939	150001	-	6	63	TTG	TAG	0	0	
mORF_-_150023	150023	150160	-	6	138	ATG	TAG	0	0	
mORF_-_150055	150055	150072	-	5	18	TTG	TAA	0	0	
mORF_-_150145	150145	150195	-	5	51	ATG	TAG	0	0	
mORF_-_150206	150206	150217	-	6	12	ATG	TAA	0	0	
mORF_-_150221	150221	150238	-	6	18	ATG	TGA	0	0	
mORF_-_150257	150257	150373	-	6	117	TTG	TAG	0	0	
mORF_-_150370	150370	150408	-	5	39	TTG	TGA	0	0	
mORF_-_150389	150389	150400	-	6	12	TTG	TAG	0	0	
mORF_-_150412	150412	150438	-	5	27	TTG	TAA	0	0	
mORF_-_150563	150563	150652	-	6	90	TTG	TAA	0	0	
mORF_-_150656	150656	150709	-	6	54	GTG	TAA	0	0	
mORF_-_150815	150815	150892	-	6	78	GTG	TGA	0	0	
mORF_-_150901	150901	150909	-	5	9	TTG	TAA	0	0	
mORF_-_150956	150956	150964	-	6	9	TTG	TAA	0	0	
mORF_-_151003	151003	151599	-	5	597	ATG	TAA	0	0	
mORF_-_151023	151023	151031	-	4	9	ATG	TAG	0	0	
mORF_-_151035	151035	151058	-	4	24	GTG	TGA	0	0	
mORF_-_151059	151059	151112	-	4	54	ATG	TGA	0	0	
mORF_-_151113	151113	151121	-	4	9	ATG	TGA	0	0	
mORF_-_151128	151128	151172	-	4	45	ATG	TAA	0	0	
mORF_-_151215	151215	151301	-	4	87	TTG	TAG	0	0	
mORF_-_151314	151314	151442	-	4	129	TTG	TAA	0	0	
mORF_-_151485	151485	151520	-	4	36	TTG	TAA	0	0	
mORF_-_151502	151502	151540	-	6	39	TTG	TGA	0	0	
mORF_-_151626	151626	152231	-	4	606	ATG	TAA	0	0	

mORF_-_151637	151637	151681	-	6	45	ATG	TAA	0	0	
mORF_-_151685	151685	151720	-	6	36	GTG	TAA	0	0	
mORF_-_151721	151721	151744	-	6	24	ATG	TGA	0	0	
mORF_-_151784	151784	151807	-	6	24	GTG	TAA	0	0	
mORF_-_151823	151823	151903	-	6	81	ATG	TAA	0	0	
mORF_-_151903	151903	151920	-	5	18	ATG	TAA	0	0	
mORF_-_151940	151940	151972	-	6	33	GTG	TAA	0	0	
mORF_-_152000	152000	152077	-	6	78	ATG	TAA	0	0	
mORF_-_152074	152074	152097	-	5	24	TTG	TGA	0	0	
mORF_-_152126	152126	152206	-	6	81	ATG	TGA	0	0	
mORF_-_152218	152218	152325	-	5	108	TTG	TAA	0	0	
mORF_-_152243	152243	152854	-	6	612	ATG	TAA	0	0	
mORF_-_152329	152329	152514	-	5	186	ATG	TGA	0	0	
mORF_-_152521	152521	152568	-	5	48	TTG	TGA	0	0	
mORF_-_152532	152532	152558	-	4	27	GTG	TGA	0	0	
mORF_-_152638	152638	152664	-	5	27	ATG	TGA	0	0	
mORF_-_152728	152728	152748	-	5	21	TTG	TAG	0	0	
mORF_-_152809	152809	152916	-	5	108	TTG	TGA	0	0	
mORF_-_152829	152829	155426	-	4	2598	GTG	TAA	3	3	pORF_-_152829
mORF_-_152873	152873	152911	-	6	39	TTG	TAG	0	0	
mORF_-_152918	152918	153070	-	6	153	GTG	TAA	0	0	
mORF_-_152926	152926	152943	-	5	18	ATG	TAA	0	0	
mORF_-_153083	153083	153124	-	6	42	TTG	TGA	0	0	
mORF_-_153152	153152	153160	-	6	9	GTG	TAG	0	0	
mORF_-_153170	153170	153283	-	6	114	ATG	TAA	0	0	
mORF_-_153220	153220	153261	-	5	42	ATG	TGA	0	0	
mORF_-_153287	153287	153307	-	6	21	GTG	TAA	0	0	
mORF_-_153320	153320	153355	-	6	36	ATG	TAG	0	0	
mORF_-_153365	153365	153496	-	6	132	ATG	TGA	0	0	
mORF_-_153430	153430	153465	-	5	36	ATG	TAG	0	0	
mORF_-_153539	153539	153616	-	6	78	GTG	TGA	0	0	
mORF_-_153620	153620	153880	-	6	261	TTG	TAA	0	0	
mORF_-_153730	153730	153738	-	5	9	ATG	TGA	0	0	
mORF_-_153805	153805	153840	-	5	36	TTG	TAG	0	0	
mORF_-_153920	153920	153955	-	6	36	TTG	TGA	0	0	
mORF_-_153974	153974	153985	-	6	12	TTG	TGA	0	0	
mORF_-_153992	153992	154012	-	6	21	TTG	TAA	0	0	
mORF_-_154049	154049	154138	-	6	90	ATG	TGA	0	0	
mORF_-_154148	154148	154171	-	6	24	TTG	TGA	0	0	
mORF_-_154181	154181	154189	-	6	9	TTG	TGA	0	0	
mORF_-_154259	154259	154312	-	6	54	ATG	TGA	0	0	
mORF_-_154316	154316	154435	-	6	120	TTG	TAA	0	0	
mORF_-_154333	154333	154344	-	5	12	TTG	TAG	0	0	
mORF_-_154463	154463	154579	-	6	117	TTG	TGA	0	0	
mORF_-_154586	154586	154741	-	6	156	ATG	TAG	0	0	
mORF_-_154744	154744	154797	-	5	54	ATG	TAA	0	0	
mORF_-_154760	154760	154801	-	6	42	GTG	TGA	0	0	
mORF_-_154808	154808	154936	-	6	129	ATG	TGA	0	0	
mORF_-_154903	154903	154920	-	5	18	ATG	TAA	0	0	
mORF_-_154976	154976	155005	-	6	30	ATG	TAG	0	0	
mORF_-_155002	155002	155049	-	5	48	TTG	TGA	0	0	
mORF_-_155036	155036	155074	-	6	39	TTG	TGA	0	0	
mORF_-_155110	155110	155148	-	5	39	TTG	TAA	0	0	
mORF_-_155135	155135	155182	-	6	48	TTG	TAA	0	0	
mORF_-_155216	155216	155296	-	6	81	ATG	TAA	0	0	
mORF_-_155306	155306	155341	-	6	36	GTG	TGA	0	0	
mORF_-_155335	155335	155373	-	5	39	TTG	TGA	0	0	
mORF_-_155445	155445	155552	-	4	108	ATG	TAA	0	0	
mORF_-_155461	155461	156201	-	5	741	ATG	TAA	0	0	
mORF_-_155559	155559	155585	-	4	27	TTG	TGA	0	0	
mORF_-_155592	155592	155600	-	4	9	TTG	TGA	0	0	
mORF_-_155625	155625	155636	-	4	12	GTG	TAG	0	0	
mORF_-_155687	155687	155713	-	6	27	GTG	TAA	0	0	

mORF_-_155748	155748	155756	-	4	9	ATG	TGA	0	0	
mORF_-_155775	155775	155831	-	4	57	ATG	TAA	0	0	
mORF_-_155913	155913	156008	-	4	96	ATG	TAA	0	0	
mORF_-_156005	156005	156025	-	6	21	TTG	TGA	0	0	
mORF_-_156018	156018	156077	-	4	60	GTG	TAG	0	0	
mORF_-_156099	156099	156131	-	4	33	TTG	TAA	0	0	
mORF_-_156143	156143	156169	-	6	27	ATG	TAG	0	0	
mORF_-_156159	156159	156278	-	4	120	TTG	TAA	0	0	
mORF_-_156191	156191	156208	-	6	18	ATG	TAA	0	0	
mORF_-_156224	156224	156274	-	6	51	ATG	TAA	0	0	
mORF_-_156271	156271	156282	-	5	12	TTG	TGA	0	0	
mORF_-_156299	156299	156883	-	6	585	ATG	TAA	0	0	
mORF_-_156334	156334	156486	-	5	153	TTG	TAA	0	0	
mORF_-_156544	156544	156567	-	5	24	TTG	TGA	0	0	
mORF_-_156586	156586	156675	-	5	90	ATG	TGA	0	0	
mORF_-_156676	156676	156702	-	5	27	TTG	TGA	0	0	
mORF_-_156724	156724	156786	-	5	63	GTG	TGA	0	0	
mORF_-_156793	156793	156864	-	5	72	TTG	TAA	0	0	
mORF_-_156893	156893	156907	-	6	15	ATG	TAA	0	0	
mORF_-_156916	156916	156942	-	5	27	ATG	TAG	0	0	
mORF_-_156935	156935	157012	-	6	78	ATG	TAG	0	0	
mORF_-_156939	156939	156962	-	4	24	TTG	TGA	0	0	
mORF_-_156966	156966	156983	-	4	18	TTG	TAA	0	0	
mORF_-_156993	156993	157019	-	4	27	ATG	TAA	0	0	
mORF_-_157003	157003	157038	-	5	36	GTG	TAA	0	0	
mORF_-_157040	157040	157099	-	6	60	GTG	TAA	0	0	
mORF_-_157069	157069	157077	-	5	9	TTG	TAA	0	0	
mORF_-_157096	157096	157107	-	5	12	TTG	TGA	0	0	
mORF_-_157157	157157	157168	-	6	12	TTG	TAA	0	0	
mORF_-_157194	157194	157259	-	4	66	ATG	TAA	0	0	
mORF_-_157231	157231	157242	-	5	12	TTG	TAA	0	0	
mORF_-_157253	157253	157732	-	6	480	ATG	TAA	2	15	pORF_-_157253
mORF_-_157264	157264	157368	-	5	105	GTG	TAA	0	0	
mORF_-_157341	157341	157355	-	4	15	GTG	TGA	0	0	
mORF_-_157414	157414	157539	-	5	126	TTG	TGA	0	0	
mORF_-_157641	157641	157856	-	4	216	GTG	TGA	0	0	
mORF_-_157663	157663	157674	-	5	12	ATG	TGA	0	0	
mORF_-_157708	157708	157716	-	5	9	TTG	TAG	0	0	
mORF_-_157729	157729	159147	-	5	1419	TTG	TGA	15	44	pORF_-_157729
mORF_-_157853	157853	157864	-	6	12	ATG	TGA	0	0	
mORF_-_157866	157866	157934	-	4	69	GTG	TGA	0	0	
mORF_-_157940	157940	157963	-	6	24	ATG	TAA	0	0	
mORF_-_158109	158109	158174	-	4	66	TTG	TGA	0	0	
mORF_-_158229	158229	158387	-	4	159	TTG	TGA	0	0	
mORF_-_158324	158324	158329	-	6	6	GTG	TGA	0	0	
mORF_-_158412	158412	158543	-	4	132	TTG	TGA	0	0	
mORF_-_158574	158574	158594	-	4	21	GTG	TGA	0	0	
mORF_-_158610	158610	158789	-	4	180	TTG	TAG	0	0	
mORF_-_158793	158793	158798	-	4	6	ATG	TAA	0	0	
mORF_-_158877	158877	158933	-	4	57	TTG	TAA	0	0	
mORF_-_158979	158979	159026	-	4	48	GTG	TGA	0	0	
mORF_-_159065	159065	159103	-	6	39	TTG	TGA	0	0	
mORF_-_159107	159107	159154	-	6	48	ATG	TAA	0	0	
mORF_-_159144	159144	159182	-	4	39	ATG	TGA	0	0	
mORF_-_159155	159155	159163	-	6	9	TTG	TGA	0	0	
mORF_-_159175	159175	159192	-	5	18	ATG	TAG	0	0	
mORF_-_159179	159179	159199	-	6	21	ATG	TGA	0	0	
mORF_-_159186	159186	160112	-	4	927	ATG	TGA	0	0	
mORF_-_159215	159215	159220	-	6	6	TTG	TAA	0	0	
mORF_-_159341	159341	159460	-	6	120	TTG	TAA	0	0	
mORF_-_159485	159485	159499	-	6	15	TTG	TAA	0	0	
mORF_-_159500	159500	159514	-	6	15	GTG	TGA	0	0	
mORF_-_159518	159518	159769	-	6	252	GTG	TAG	0	0	

mORF_-_159652	159652	159729	-	5	78	TTG	TGA	0	0	
mORF_-_159791	159791	159931	-	6	141	GTG	TAA	0	0	
mORF_-_160013	160013	160063	-	6	51	TTG	TGA	0	0	
mORF_-_160079	160079	160252	-	6	174	GTG	TGA	0	0	
mORF_-_160149	160149	160622	-	4	474	GTG	TAA	34	474	pORF_-_160149
mORF_-_160177	160177	160203	-	5	27	GTG	TGA	0	0	
mORF_-_160319	160319	160381	-	6	63	GTG	TGA	0	0	
mORF_-_160385	160385	160507	-	6	123	ATG	TAG	0	0	
mORF_-_160459	160459	160467	-	5	9	ATG	TAA	0	0	
mORF_-_160582	160582	160710	-	5	129	GTG	TAA	0	0	
mORF_-_160616	160616	160693	-	6	78	TTG	TAA	0	0	
mORF_-_160694	160694	160717	-	6	24	TTG	TAA	0	0	
mORF_-_160698	160698	160745	-	4	48	GTG	TAG	0	0	
mORF_-_160782	160782	161486	-	4	705	ATG	TAG	0	0	
mORF_-_160856	160856	160969	-	6	114	GTG	TAG	0	0	
mORF_-_160994	160994	161035	-	6	42	ATG	TGA	0	0	
mORF_-_161078	161078	161128	-	6	51	TTG	TGA	0	0	
mORF_-_161165	161165	161203	-	6	39	ATG	TGA	0	0	
mORF_-_161230	161230	161358	-	5	129	TTG	TAA	0	0	
mORF_-_161279	161279	161356	-	6	78	GTG	TAA	0	0	
mORF_-_161363	161363	161371	-	6	9	GTG	TGA	0	0	
mORF_-_161393	161393	161407	-	6	15	ATG	TAA	0	0	
mORF_-_161417	161417	161422	-	6	6	ATG	TGA	0	0	
mORF_-_161450	161450	161494	-	6	45	TTG	TAA	0	0	
mORF_-_161501	161501	162244	-	6	744	ATG	TAA	0	0	
mORF_-_161524	161524	161556	-	5	33	TTG	TAA	0	0	
mORF_-_161584	161584	161592	-	5	9	ATG	TGA	0	0	
mORF_-_161601	161601	161789	-	4	189	ATG	TAA	0	0	
mORF_-_161761	161761	161805	-	5	45	TTG	TAG	0	0	
mORF_-_161899	161899	162006	-	5	108	TTG	TGA	0	0	
mORF_-_161937	161937	161963	-	4	27	TTG	TGA	0	0	
mORF_-_162063	162063	162068	-	4	6	TTG	TAG	0	0	
mORF_-_162145	162145	162207	-	5	63	TTG	TAA	0	0	
mORF_-_162204	162204	162482	-	4	279	ATG	TGA	0	0	
mORF_-_162347	162347	162424	-	6	78	ATG	TAG	0	0	
mORF_-_162479	162479	162628	-	6	150	ATG	TGA	0	0	
mORF_-_162519	162519	162602	-	4	84	TTG	TAA	0	0	
mORF_-_162625	162625	162888	-	5	264	GTG	TGA	0	0	
mORF_-_162666	162666	162683	-	4	18	ATG	TAA	0	0	
mORF_-_162683	162683	162715	-	6	33	GTG	TGA	0	0	
mORF_-_162759	162759	162893	-	4	135	TTG	TAA	0	0	
mORF_-_162779	162779	162811	-	6	33	ATG	TGA	0	0	
mORF_-_162863	162863	163009	-	6	147	GTG	TGA	0	0	
mORF_-_162939	162939	163106	-	4	168	ATG	TAA	0	0	
mORF_-_163031	163031	163117	-	6	87	TTG	TGA	0	0	
mORF_-_163039	163039	163050	-	5	12	ATG	TAA	0	0	
mORF_-_163096	163096	163299	-	5	204	GTG	TGA	0	0	
mORF_-_163107	163107	163145	-	4	39	TTG	TAA	0	0	
mORF_-_163161	163161	163166	-	4	6	TTG	TAA	0	0	
mORF_-_163194	163194	163244	-	4	51	TTG	TAA	0	0	
mORF_-_163241	163241	163486	-	6	246	TTG	TGA	0	0	
mORF_-_163281	163281	163331	-	4	51	TTG	TAA	0	0	
mORF_-_163315	163315	163371	-	5	57	TTG	TAA	0	0	
mORF_-_163362	163362	163517	-	4	156	TTG	TAA	0	0	
mORF_-_163405	163405	163446	-	5	42	GTG	TAG	0	0	
mORF_-_163511	163511	163603	-	6	93	ATG	TGA	0	0	
mORF_-_163564	163564	163707	-	5	144	GTG	TAA	0	0	
mORF_-_163575	163575	163637	-	4	63	TTG	TAG	0	0	
mORF_-_163634	163634	163819	-	6	186	GTG	TGA	0	0	
mORF_-_163680	163680	163691	-	4	12	GTG	TAG	0	0	
mORF_-_163779	163779	163841	-	4	63	TTG	TAA	0	0	
mORF_-_163866	163866	163871	-	4	6	TTG	TAG	0	0	
mORF_-_163914	163914	163931	-	4	18	ATG	TGA	0	0	

mORF_-_163931	163931	164152	-	6	222	ATG	TGA	0	0
mORF_-_163975	163975	164388	-	5	414	ATG	TGA	0	0
mORF_-_164073	164073	164123	-	4	51	ATG	TAA	0	0
mORF_-_164172	164172	164300	-	4	129	TTG	TAA	0	0
mORF_-_164222	164222	164254	-	6	33	ATG	TAA	0	0
mORF_-_164261	164261	164398	-	6	138	GTG	TGA	0	0
mORF_-_164370	164370	164381	-	4	12	TTG	TGA	0	0
mORF_-_164388	164388	164582	-	4	195	ATG	TAA	0	0
mORF_-_164395	164395	164754	-	5	360	TTG	TGA	0	0
mORF_-_164462	164462	164470	-	6	9	TTG	TAA	0	0
mORF_-_164606	164606	164788	-	6	183	TTG	TAG	0	0
mORF_-_164619	164619	164792	-	4	174	TTG	TGA	0	0
mORF_-_164846	164846	164974	-	6	129	ATG	TAG	0	0
mORF_-_164937	164937	165449	-	4	513	ATG	TAG	0	0
mORF_-_164993	164993	165022	-	6	30	TTG	TGA	0	0
mORF_-_165047	165047	165091	-	6	45	TTG	TAA	0	0
mORF_-_165131	165131	165184	-	6	54	ATG	TGA	0	0
mORF_-_165263	165263	165295	-	6	33	TTG	TGA	0	0
mORF_-_165299	165299	165340	-	6	42	ATG	TGA	0	0
mORF_-_165334	165334	165354	-	5	21	TTG	TGA	0	0
mORF_-_165457	165457	165492	-	5	36	TTG	TGA	0	0
mORF_-_165464	165464	165511	-	6	48	GTG	TAG	0	0
mORF_-_165468	165468	165539	-	4	72	TTG	TGA	0	0
mORF_-_165602	165602	165619	-	6	18	ATG	TAA	0	0
mORF_-_165616	165616	165828	-	5	213	TTG	TGA	0	0
mORF_-_165629	165629	165637	-	6	9	TTG	TAA	0	0
mORF_-_165680	165680	165694	-	6	15	TTG	TGA	0	0
mORF_-_165728	165728	165805	-	6	78	ATG	TAA	0	0
mORF_-_165777	165777	165977	-	4	201	TTG	TAA	0	0
mORF_-_165806	165806	165811	-	6	6	TTG	TAG	0	0
mORF_-_165899	165899	165907	-	6	9	ATG	TAG	0	0
mORF_-_165970	165970	166002	-	5	33	TTG	TAA	0	0
mORF_-_165986	165986	166102	-	6	117	ATG	TGA	0	0
mORF_-_166048	166048	166110	-	5	63	GTG	TAG	0	0
mORF_-_166168	166168	166377	-	5	210	GTG	TAA	0	0
mORF_-_166220	166220	166225	-	6	6	TTG	TAG	0	0
mORF_-_166374	166374	166541	-	4	168	ATG	TGA	0	0
mORF_-_166510	166510	166740	-	5	231	GTG	TAA	0	0
mORF_-_166532	166532	166675	-	6	144	TTG	TGA	0	0
mORF_-_166685	166685	166750	-	6	66	ATG	TGA	0	0
mORF_-_166740	166740	167102	-	4	363	TTG	TAG	0	0
mORF_-_166781	166781	166924	-	6	144	TTG	TGA	0	0
mORF_-_166888	166888	166947	-	5	60	TTG	TGA	0	0
mORF_-_166972	166972	166986	-	5	15	TTG	TAG	0	0
mORF_-_167036	167036	167146	-	6	111	TTG	TAG	0	0
mORF_-_167139	167139	167267	-	4	129	ATG	TGA	0	0
mORF_-_167198	167198	167242	-	6	45	TTG	TGA	0	0
mORF_-_167261	167261	167320	-	6	60	ATG	TAA	0	0
mORF_-_167268	167268	167315	-	4	48	ATG	TAG	0	0
mORF_-_167329	167329	167463	-	5	135	GTG	TAA	0	0
mORF_-_167418	167418	167441	-	4	24	ATG	TAA	0	0
mORF_-_167448	167448	167459	-	4	12	ATG	TAA	0	0
mORF_-_167460	167460	167516	-	4	57	GTG	TGA	0	0
mORF_-_167465	167465	167497	-	6	33	TTG	TAA	0	0
mORF_-_167470	167470	167520	-	5	51	GTG	TGA	0	0
mORF_-_167504	167504	167563	-	6	60	ATG	TGA	0	0
mORF_-_167517	167517	167882	-	4	366	TTG	TGA	0	0
mORF_-_167554	167554	167577	-	5	24	GTG	TAA	0	0
mORF_-_167570	167570	167692	-	6	123	GTG	TAA	0	0
mORF_-_167614	167614	167661	-	5	48	TTG	TAA	0	0
mORF_-_167692	167692	167724	-	5	33	GTG	TAG	0	0
mORF_-_167791	167791	167832	-	5	42	ATG	TAA	0	0
mORF_-_167795	167795	167839	-	6	45	GTG	TAG	0	0

mORF_-_167840	167840	167857	-	6	18	ATG	TAG	0	0	
mORF_-_167894	167894	167923	-	6	30	TTG	TAG	0	0	
mORF_-_167927	167927	167944	-	6	18	ATG	TAG	0	0	
mORF_-_167999	167999	168055	-	6	57	GTG	TAA	0	0	
mORF_-_168155	168155	168187	-	6	33	TTG	TAA	0	0	
mORF_-_168204	168204	168509	-	4	306	TTG	TGA	0	0	
mORF_-_168218	168218	168265	-	6	48	TTG	TAA	0	0	
mORF_-_168223	168223	168231	-	5	9	GTG	TAG	0	0	
mORF_-_168311	168311	168403	-	6	93	GTG	TAA	0	0	
mORF_-_168443	168443	168460	-	6	18	GTG	TGA	0	0	
mORF_-_168463	168463	168609	-	5	147	GTG	TAA	0	0	
mORF_-_168473	168473	168499	-	6	27	TTG	TGA	0	0	
mORF_-_168554	168554	168562	-	6	9	TTG	TAA	0	0	
mORF_-_168576	168576	168875	-	4	300	TTG	TAA	0	0	
mORF_-_168599	168599	168745	-	6	147	TTG	TAA	1	2	pORF_-_168599
mORF_-_168742	168742	168777	-	5	36	GTG	TGA	0	0	
mORF_-_168758	168758	168826	-	6	69	TTG	TAA	0	0	
mORF_-_168817	168817	168837	-	5	21	TTG	TGA	0	0	
mORF_-_168848	168848	168856	-	6	9	ATG	TAA	0	0	
mORF_-_168896	168896	168925	-	6	30	GTG	TGA	0	0	
mORF_-_168927	168927	169418	-	4	492	GTG	TAG	0	0	
mORF_-_168953	168953	169003	-	6	51	TTG	TGA	0	0	
mORF_-_169027	169027	169056	-	5	30	GTG	TAA	0	0	
mORF_-_169063	169063	169125	-	5	63	GTG	TGA	0	0	
mORF_-_169067	169067	169225	-	6	159	TTG	TAG	0	0	
mORF_-_169213	169213	169284	-	5	72	GTG	TAG	0	0	
mORF_-_169349	169349	169372	-	6	24	GTG	TAA	0	0	
mORF_-_169378	169378	169413	-	5	36	TTG	TAG	0	0	
mORF_-_169382	169382	169420	-	6	39	ATG	TAG	0	0	
mORF_-_169439	169439	169483	-	6	45	GTG	TAG	0	0	
mORF_-_169563	169563	169760	-	4	198	ATG	TAA	0	0	
mORF_-_169571	169571	169666	-	6	96	GTG	TAA	0	0	
mORF_-_169660	169660	169713	-	5	54	TTG	TAA	0	0	
mORF_-_169724	169724	169861	-	6	138	ATG	TAG	0	0	
mORF_-_169762	169762	169791	-	5	30	GTG	TGA	0	0	
mORF_-_169776	169776	169817	-	4	42	GTG	TAA	0	0	
mORF_-_169795	169795	169851	-	5	57	GTG	TGA	0	0	
mORF_-_169871	169871	170119	-	6	249	ATG	TAA	0	0	
mORF_-_169909	169909	169941	-	5	33	TTG	TGA	0	0	
mORF_-_169957	169957	170034	-	5	78	TTG	TGA	0	0	
mORF_-_170186	170186	170350	-	6	165	GTG	TAA	0	0	
mORF_-_170236	170236	170256	-	5	21	ATG	TGA	0	0	
mORF_-_170354	170354	170539	-	6	186	ATG	TAA	0	0	
mORF_-_170359	170359	170403	-	5	45	TTG	TGA	0	0	
mORF_-_170400	170400	170414	-	4	15	GTG	TGA	0	0	
mORF_-_170481	170481	170735	-	4	255	ATG	TAA	0	0	
mORF_-_170509	170509	170517	-	5	9	ATG	TAA	0	0	
mORF_-_170638	170638	170661	-	5	24	GTG	TAA	0	0	
mORF_-_170742	170742	170765	-	4	24	TTG	TAA	0	0	
mORF_-_170766	170766	171218	-	4	453	TTG	TAG	0	0	
mORF_-_170780	170780	170794	-	6	15	ATG	TGA	0	0	
mORF_-_170834	170834	170866	-	6	33	ATG	TAG	0	0	
mORF_-_170870	170870	170902	-	6	33	GTG	TAA	0	0	
mORF_-_171004	171004	171036	-	5	33	ATG	TAA	0	0	
mORF_-_171037	171037	171045	-	5	9	TTG	TAA	0	0	
mORF_-_171103	171103	171294	-	5	192	GTG	TAA	0	0	
mORF_-_171119	171119	171196	-	6	78	TTG	TAA	0	0	
mORF_-_171239	171239	171607	-	6	369	ATG	TGA	0	0	
mORF_-_171291	171291	171347	-	4	57	ATG	TGA	0	0	
mORF_-_171319	171319	171423	-	5	105	GTG	TAG	0	0	
mORF_-_171396	171396	171449	-	4	54	ATG	TAA	0	0	
mORF_-_171507	171507	171761	-	4	255	TTG	TAA	0	0	
mORF_-_171698	171698	171778	-	6	81	GTG	TGA	0	0	

mORF_-_171778	171778	171939	-	5	162	TTG	TAG	0	0	
mORF_-_171926	171926	171943	-	6	18	TTG	TAA	0	0	
mORF_-_171948	171948	172016	-	4	69	TTG	TAA	0	0	
mORF_-_171965	171965	172189	-	6	225	ATG	TGA	0	0	
mORF_-_172095	172095	172340	-	4	246	TTG	TAA	0	0	
mORF_-_172228	172228	172287	-	5	60	GTG	TAA	0	0	
mORF_-_172337	172337	172669	-	6	333	ATG	TGA	0	0	
mORF_-_172437	172437	172580	-	4	144	GTG	TAA	0	0	
mORF_-_172690	172690	172722	-	5	33	TTG	TAA	0	0	
mORF_-_172694	172694	172936	-	6	243	ATG	TGA	0	0	
mORF_-_172812	172812	172892	-	4	81	GTG	TAA	0	0	
mORF_-_172855	172855	172890	-	5	36	GTG	TAA	0	0	
mORF_-_172917	172917	172982	-	4	66	TTG	TAA	0	0	
mORF_-_172930	172930	172959	-	5	30	TTG	TGA	0	0	
mORF_-_173009	173009	173290	-	6	282	ATG	TAG	0	0	
mORF_-_173209	173209	173391	-	5	183	TTG	TAG	0	0	
mORF_-_173235	173235	173288	-	4	54	GTG	TAA	0	0	
mORF_-_173388	173388	173714	-	4	327	GTG	TGA	0	0	
mORF_-_173395	173395	173409	-	5	15	ATG	TAA	0	0	
mORF_-_173536	173536	173595	-	5	60	ATG	TAG	0	0	
mORF_-_173573	173573	173605	-	6	33	GTG	TGA	0	0	
mORF_-_173602	173602	174882	-	5	1281	ATG	TGA	50	672	pORF_-_173602
mORF_-_173727	173727	173762	-	4	36	GTG	TGA	0	0	
mORF_-_173759	173759	173785	-	6	27	GTG	TGA	0	0	
mORF_-_173769	173769	173774	-	4	6	ATG	TGA	0	0	
mORF_-_173787	173787	173831	-	4	45	TTG	TGA	0	0	
mORF_-_173901	173901	173945	-	4	45	ATG	TGA	0	0	
mORF_-_173946	173946	174032	-	4	87	ATG	TGA	0	0	
mORF_-_174036	174036	174053	-	4	18	GTG	TAA	0	0	
mORF_-_174063	174063	174077	-	4	15	GTG	TAG	0	0	
mORF_-_174165	174165	174173	-	4	9	ATG	TGA	0	0	
mORF_-_174170	174170	174205	-	6	36	GTG	TGA	0	0	
mORF_-_174180	174180	174248	-	4	69	GTG	TGA	0	0	
mORF_-_174252	174252	174338	-	4	87	ATG	TGA	0	0	
mORF_-_174429	174429	174503	-	4	75	GTG	TGA	0	0	
mORF_-_174443	174443	174463	-	6	21	GTG	TGA	0	0	
mORF_-_174603	174603	174629	-	4	27	TTG	TGA	0	0	
mORF_-_174633	174633	174656	-	4	24	TTG	TAA	0	0	
mORF_-_174657	174657	174746	-	4	90	ATG	TGA	0	0	
mORF_-_174825	174825	174830	-	4	6	GTG	TGA	0	0	
mORF_-_174919	174919	174936	-	5	18	ATG	TAG	0	0	
mORF_-_174929	174929	174961	-	6	33	ATG	TAA	0	0	
mORF_-_174933	174933	174941	-	4	9	TTG	TGA	0	0	
mORF_-_174943	174943	174957	-	5	15	TTG	TAA	0	0	
mORF_-_174954	174954	174983	-	4	30	TTG	TGA	0	0	
mORF_-_174994	174994	175038	-	5	45	TTG	TAA	0	0	
mORF_-_175026	175026	175049	-	4	24	ATG	TAA	0	0	
mORF_-_175046	175046	175075	-	6	30	ATG	TGA	0	0	
mORF_-_175072	175072	175137	-	5	66	GTG	TGA	0	0	
mORF_-_175077	175077	175103	-	4	27	ATG	TAA	0	0	
mORF_-_175100	175100	175270	-	6	171	TTG	TGA	0	0	
mORF_-_175128	175128	175178	-	4	51	TTG	TAA	0	0	
mORF_-_175203	175203	175316	-	4	114	ATG	TAA	0	0	
mORF_-_175216	175216	175644	-	5	429	TTG	TAA	0	0	
mORF_-_175341	175341	175631	-	4	291	ATG	TAA	0	0	
mORF_-_175385	175385	175402	-	6	18	TTG	TAG	0	0	
mORF_-_175460	175460	175579	-	6	120	ATG	TGA	0	0	
mORF_-_175733	175733	175786	-	6	54	ATG	TAG	0	0	
mORF_-_175740	175740	175958	-	4	219	GTG	TAA	0	0	
mORF_-_175868	175868	176137	-	6	270	GTG	TAA	0	0	
mORF_-_175969	175969	176040	-	5	72	TTG	TAA	0	0	
mORF_-_176139	176139	176255	-	4	117	GTG	TAA	0	0	
mORF_-_176252	176252	176335	-	6	84	ATG	TGA	0	0	

mORF_-_176275	176275	176307	-	5	33	ATG	TAG	0	0	
mORF_-_176360	176360	176500	-	6	141	TTG	TAG	0	0	
mORF_-_176368	176368	176379	-	5	12	TTG	TGA	0	0	
mORF_-_176386	176386	176406	-	5	21	GTG	TAA	0	0	
mORF_-_176409	176409	176417	-	4	9	TTG	TAA	0	0	
mORF_-_176419	176419	176508	-	5	90	ATG	TAA	0	0	
mORF_-_176436	176436	176486	-	4	51	TTG	TAG	0	0	
mORF_-_176545	176545	176628	-	5	84	GTG	TAA	0	0	
mORF_-_176562	176562	176606	-	4	45	TTG	TAA	0	0	
mORF_-_176570	176570	176758	-	6	189	GTG	TAA	0	0	
mORF_-_176706	176706	176966	-	4	261	ATG	TAA	0	0	
mORF_-_176768	176768	176794	-	6	27	ATG	TGA	0	0	
mORF_-_176864	176864	176923	-	6	60	GTG	TAA	0	0	
mORF_-_176944	176944	176991	-	5	48	ATG	TAA	0	0	
mORF_-_176963	176963	177004	-	6	42	TTG	TGA	0	0	
mORF_-_176979	176979	177026	-	4	48	TTG	TAG	0	0	
mORF_-_177001	177001	177624	-	5	624	ATG	TGA	0	0	
mORF_-_177038	177038	177049	-	6	12	TTG	TAA	0	0	
mORF_-_177093	177093	177149	-	4	57	TTG	TGA	0	0	
mORF_-_177195	177195	177242	-	4	48	TTG	TGA	0	0	
mORF_-_177221	177221	177265	-	6	45	TTG	TGA	0	0	
mORF_-_177273	177273	177293	-	4	21	ATG	TAA	0	0	
mORF_-_177302	177302	177631	-	6	330	TTG	TAA	0	0	
mORF_-_177306	177306	177338	-	4	33	TTG	TGA	0	0	
mORF_-_177402	177402	177425	-	4	24	TTG	TGA	0	0	
mORF_-_177510	177510	177536	-	4	27	TTG	TAA	0	0	
mORF_-_177561	177561	177584	-	4	24	TTG	TAG	0	0	
mORF_-_177600	177600	177638	-	4	39	GTG	TAG	0	0	
mORF_-_177628	177628	177645	-	5	18	GTG	TGA	0	0	
mORF_-_177662	177662	178489	-	6	828	TTG	TAG	0	0	
mORF_-_177667	177667	177828	-	5	162	TTG	TAG	0	0	
mORF_-_177847	177847	178014	-	5	168	ATG	TAG	0	0	
mORF_-_177894	177894	177917	-	4	24	TTG	TAA	0	0	
mORF_-_178024	178024	178140	-	5	117	ATG	TGA	0	0	
mORF_-_178125	178125	178148	-	4	24	GTG	TGA	0	0	
mORF_-_178156	178156	178215	-	5	60	TTG	TAA	0	0	
mORF_-_178231	178231	178242	-	5	12	TTG	TGA	0	0	
mORF_-_178255	178255	178419	-	5	165	TTG	TGA	0	0	
mORF_-_178359	178359	178409	-	4	51	GTG	TGA	0	0	
mORF_-_178455	178455	179153	-	4	699	ATG	TAA	42	1045	pORF_-_178455
mORF_-_178493	178493	178615	-	6	123	ATG	TGA	0	0	
mORF_-_178640	178640	178720	-	6	81	TTG	TAG	0	0	
mORF_-_178721	178721	178729	-	6	9	GTG	TGA	0	0	
mORF_-_178745	178745	178756	-	6	12	TTG	TGA	0	0	
mORF_-_178778	178778	178885	-	6	108	TTG	TGA	0	0	
mORF_-_178901	178901	178921	-	6	21	GTG	TGA	0	0	
mORF_-_178943	178943	178981	-	6	39	GTG	TGA	0	0	
mORF_-_178999	178999	179064	-	5	66	TTG	TAA	0	0	
mORF_-_179015	179015	179038	-	6	24	ATG	TGA	0	0	
mORF_-_179039	179039	179137	-	6	99	TTG	TGA	0	0	
mORF_-_179150	179150	179275	-	6	126	ATG	TGA	0	0	
mORF_-_179158	179158	179187	-	5	30	ATG	TAA	0	0	
mORF_-_179202	179202	179291	-	4	90	GTG	TAA	0	0	
mORF_-_179221	179221	179238	-	5	18	ATG	TGA	0	0	
mORF_-_179281	179281	179430	-	5	150	GTG	TAA	0	0	
mORF_-_179288	179288	179443	-	6	156	GTG	TGA	0	0	
mORF_-_179355	179355	179405	-	4	51	GTG	TGA	0	0	
mORF_-_179470	179470	179598	-	5	129	TTG	TAG	0	0	
mORF_-_179508	179508	179714	-	4	207	GTG	TAA	0	0	
mORF_-_179573	179573	179659	-	6	87	GTG	TGA	0	0	
mORF_-_179611	179611	179760	-	5	150	TTG	TGA	0	0	
mORF_-_179742	179742	179822	-	4	81	ATG	TAA	0	0	
mORF_-_179774	179774	179818	-	6	45	ATG	TAA	0	0	

mORF_-_179779	179779	179841	-	5	63	GTG	TGA	0	0
mORF_-_179838	179838	179912	-	4	75	GTG	TGA	0	0
mORF_-_179864	179864	179917	-	6	54	GTG	TAA	0	0
mORF_-_179985	179985	180014	-	4	30	ATG	TAA	0	0
mORF_-_179998	179998	180045	-	5	48	ATG	TAA	0	0
mORF_-_180014	180014	180142	-	6	129	ATG	TAA	0	0
mORF_-_180093	180093	180200	-	4	108	TTG	TAA	0	0
mORF_-_180226	180226	180255	-	5	30	GTG	TGA	0	0
mORF_-_180234	180234	180284	-	4	51	GTG	TAA	0	0
mORF_-_180257	180257	180334	-	6	78	ATG	TAG	0	0
mORF_-_180327	180327	180338	-	4	12	ATG	TAA	0	0
mORF_-_180377	180377	180415	-	6	39	ATG	TAG	0	0
mORF_-_180445	180445	180456	-	5	12	ATG	TAG	0	0
mORF_-_180475	180475	180573	-	5	99	TTG	TAA	0	0
mORF_-_180563	180563	180589	-	6	27	ATG	TAA	0	0
mORF_-_180647	180647	180850	-	6	204	TTG	TAG	0	0
mORF_-_180822	180822	180845	-	4	24	GTG	TAG	0	0
mORF_-_180858	180858	181010	-	4	153	GTG	TAA	0	0
mORF_-_180865	180865	181239	-	5	375	ATG	TAA	0	0
mORF_-_181034	181034	181381	-	6	348	TTG	TGA	0	0
mORF_-_181047	181047	181067	-	4	21	TTG	TAA	0	0
mORF_-_181255	181255	181299	-	5	45	ATG	TAG	0	0
mORF_-_181299	181299	181409	-	4	111	TTG	TAA	0	0
mORF_-_181306	181306	181350	-	5	45	TTG	TGA	0	0
mORF_-_181410	181410	181433	-	4	24	GTG	TAA	0	0
mORF_-_181447	181447	181452	-	5	6	GTG	TAA	0	0
mORF_-_181543	181543	181893	-	5	351	GTG	TAG	0	0
mORF_-_181632	181632	181652	-	4	21	GTG	TGA	0	0
mORF_-_181845	181845	181862	-	4	18	TTG	TAG	0	0
mORF_-_181890	181890	181898	-	4	9	GTG	TGA	0	0
mORF_-_181914	181914	181931	-	4	18	GTG	TGA	0	0
mORF_-_181939	181939	181968	-	5	30	TTG	TGA	0	0
mORF_-_182041	182041	182103	-	5	63	TTG	TGA	0	0
mORF_-_182107	182107	182268	-	5	162	ATG	TGA	0	0
mORF_-_182181	182181	182261	-	4	81	GTG	TAA	0	0
mORF_-_182262	182262	182318	-	4	57	TTG	TGA	0	0
mORF_-_182269	182269	182289	-	5	21	ATG	TGA	0	0
mORF_-_182315	182315	182392	-	6	78	ATG	TGA	0	0
mORF_-_182349	182349	182411	-	4	63	TTG	TAA	0	0
mORF_-_182365	182365	182379	-	5	15	ATG	TGA	0	0
mORF_-_182389	182389	182409	-	5	21	GTG	TGA	0	0
mORF_-_182433	182433	182606	-	4	174	GTG	TAA	0	0
mORF_-_182438	182438	182542	-	6	105	TTG	TAG	0	0
mORF_-_182461	182461	182511	-	5	51	GTG	TAA	0	0
mORF_-_182566	182566	182667	-	5	102	GTG	TAA	0	0
mORF_-_182628	182628	182678	-	4	51	GTG	TGA	0	0
mORF_-_182669	182669	182791	-	6	123	ATG	TGA	0	0
mORF_-_182695	182695	182907	-	5	213	GTG	TAA	0	0
mORF_-_182706	182706	182948	-	4	243	TTG	TAA	0	0
mORF_-_182882	182882	182944	-	6	63	TTG	TGA	0	0
mORF_-_182962	182962	183006	-	5	45	TTG	TAG	0	0
mORF_-_183015	183015	183029	-	4	15	TTG	TAA	0	0
mORF_-_183078	183078	183161	-	4	84	TTG	TAG	0	0
mORF_-_183140	183140	183217	-	6	78	TTG	TGA	0	0
mORF_-_183166	183166	183210	-	5	45	GTG	TAA	0	0
mORF_-_183223	183223	183486	-	5	264	TTG	TAA	0	0
mORF_-_183320	183320	183463	-	6	144	TTG	TGA	0	0
mORF_-_183342	183342	183470	-	4	129	TTG	TAA	0	0
mORF_-_183483	183483	183503	-	4	21	ATG	TGA	0	0
mORF_-_183500	183500	183565	-	6	66	TTG	TGA	0	0
mORF_-_183597	183597	183602	-	4	6	TTG	TAA	0	0
mORF_-_183622	183622	183654	-	5	33	ATG	TAA	0	0
mORF_-_183709	183709	184095	-	5	387	ATG	TAA	50	641

pORF_-_183709

mORF_-_183720	183720	183743	-	4	24	TTG	TAA	0	0	
mORF_-_183762	183762	183917	-	4	156	ATG	TAA	1	2	pORF_-_183762
mORF_-_184005	184005	184049	-	4	45	TTG	TGA	0	0	
mORF_-_184100	184100	184108	-	6	9	TTG	TAA	0	0	
mORF_-_184115	184115	184204	-	6	90	ATG	TGA	0	0	
mORF_-_184129	184129	184140	-	5	12	ATG	TAA	0	0	
mORF_-_184201	184201	184218	-	5	18	TTG	TGA	0	0	
mORF_-_184215	184215	184253	-	4	39	GTG	TGA	0	0	
mORF_-_184257	184257	185069	-	4	813	ATG	TAG	1	2	pORF_-_184257
mORF_-_184295	184295	184360	-	6	66	ATG	TGA	0	0	
mORF_-_184361	184361	184411	-	6	51	TTG	TAA	0	0	
mORF_-_184405	184405	184452	-	5	48	GTG	TGA	0	0	
mORF_-_184457	184457	184576	-	6	120	GTG	TGA	0	0	
mORF_-_184501	184501	184569	-	5	69	ATG	TAA	0	0	
mORF_-_184630	184630	184740	-	5	111	ATG	TAA	0	0	
mORF_-_184658	184658	184672	-	6	15	TTG	TGA	0	0	
mORF_-_184673	184673	184765	-	6	93	GTG	TAA	0	0	
mORF_-_184781	184781	184795	-	6	15	TTG	TGA	0	0	
mORF_-_184841	184841	184855	-	6	15	TTG	TAG	0	0	
mORF_-_184874	184874	184885	-	6	12	TTG	TAA	0	0	
mORF_-_184967	184967	184990	-	6	24	GTG	TAA	0	0	
mORF_-_184987	184987	185364	-	5	378	TTG	TGA	0	0	
mORF_-_185073	185073	185084	-	4	12	TTG	TGA	0	0	
mORF_-_185123	185123	185947	-	6	825	ATG	TAA	92	3072	pORF_-_185123
mORF_-_185365	185365	185550	-	5	186	ATG	TGA	0	0	
mORF_-_185382	185382	185405	-	4	24	TTG	TGA	0	0	
mORF_-_185487	185487	185504	-	4	18	TTG	TAA	0	0	
mORF_-_185578	185578	185634	-	5	57	TTG	TGA	0	0	
mORF_-_185725	185725	185739	-	5	15	ATG	TGA	0	0	
mORF_-_185739	185739	185792	-	4	54	GTG	TAA	0	0	
mORF_-_185785	185785	185802	-	5	18	TTG	TGA	0	0	
mORF_-_185812	185812	185817	-	5	6	GTG	TAG	0	0	
mORF_-_185854	185854	185925	-	5	72	TTG	TAA	0	0	
mORF_-_185950	185950	185976	-	5	27	GTG	TAA	0	0	
mORF_-_185961	185961	185981	-	4	21	GTG	TGA	0	0	
mORF_-_185978	185978	188650	-	6	2673	ATG	TGA	12	33	pORF_-_185978
mORF_-_186010	186010	186072	-	5	63	TTG	TGA	0	0	
mORF_-_186088	186088	186147	-	5	60	TTG	TAG	0	0	
mORF_-_186238	186238	186252	-	5	15	TTG	TAA	0	0	
mORF_-_186316	186316	186450	-	5	135	GTG	TGA	0	0	
mORF_-_186466	186466	186537	-	5	72	GTG	TAG	0	0	
mORF_-_186574	186574	186807	-	5	234	GTG	TAA	0	0	
mORF_-_186642	186642	186662	-	4	21	TTG	TAA	0	0	
mORF_-_186828	186828	186857	-	4	30	TTG	TAG	0	0	
mORF_-_186861	186861	186878	-	4	18	ATG	TGA	0	0	
mORF_-_186871	186871	186921	-	5	51	TTG	TGA	0	0	
mORF_-_187027	187027	187047	-	5	21	TTG	TGA	0	0	
mORF_-_187054	187054	187068	-	5	15	GTG	TAG	0	0	
mORF_-_187132	187132	187206	-	5	75	TTG	TGA	0	0	
mORF_-_187137	187137	187172	-	4	36	GTG	TGA	0	0	
mORF_-_187225	187225	187272	-	5	48	TTG	TGA	0	0	
mORF_-_187269	187269	187301	-	4	33	ATG	TGA	0	0	
mORF_-_187384	187384	187560	-	5	177	GTG	TGA	0	0	
mORF_-_187413	187413	187418	-	4	6	GTG	TAA	0	0	
mORF_-_187570	187570	187680	-	5	111	GTG	TAA	0	0	
mORF_-_187714	187714	187746	-	5	33	GTG	TGA	0	0	
mORF_-_187753	187753	187830	-	5	78	TTG	TGA	0	0	
mORF_-_187797	187797	187859	-	4	63	ATG	TAA	0	0	
mORF_-_187888	187888	188145	-	5	258	TTG	TAA	0	0	
mORF_-_187911	187911	187952	-	4	42	ATG	TGA	0	0	
mORF_-_188055	188055	188210	-	4	156	GTG	TGA	0	0	
mORF_-_188182	188182	188217	-	5	36	TTG	TAA	0	0	
mORF_-_188248	188248	188253	-	5	6	ATG	TAA	0	0	

mORF_-_188323	188323	188469	-	5	147	TTG	TGA	0	0	
mORF_-_188418	188418	188426	-	4	9	ATG	TGA	0	0	
mORF_-_188470	188470	188508	-	5	39	GTG	TGA	0	0	
mORF_-_188505	188505	188516	-	4	12	TTG	TGA	0	0	
mORF_-_188542	188542	188550	-	5	9	GTG	TAA	0	0	
mORF_-_188557	188557	188568	-	5	12	GTG	TAA	0	0	
mORF_-_188565	188565	188660	-	4	96	GTG	TGA	0	0	
mORF_-_188647	188647	188664	-	5	18	ATG	TGA	0	0	
mORF_-_188669	188669	188710	-	6	42	ATG	TAA	0	0	
mORF_-_188674	188674	188697	-	5	24	ATG	TAA	0	0	
mORF_-_188712	188712	189506	-	4	795	ATG	TAA	54	947	pORF_-_188712
mORF_-_188729	188729	188749	-	6	21	ATG	TAA	0	0	
mORF_-_188786	188786	188806	-	6	21	ATG	TGA	0	0	
mORF_-_188837	188837	188851	-	6	15	ATG	TAA	0	0	
mORF_-_188921	188921	189058	-	6	138	GTG	TGA	0	0	
mORF_-_188971	188971	189003	-	5	33	TTG	TGA	0	0	
mORF_-_189073	189073	189132	-	5	60	GTG	TAA	0	0	
mORF_-_189086	189086	189199	-	6	114	ATG	TAA	0	0	
mORF_-_189206	189206	189238	-	6	33	ATG	TAA	0	0	
mORF_-_189242	189242	189415	-	6	174	ATG	TGA	1	4	pORF_-_189242
mORF_-_189250	189250	189276	-	5	27	GTG	TAA	0	0	
mORF_-_189286	189286	189300	-	5	15	TTG	TAA	0	0	
mORF_-_189409	189409	189570	-	5	162	GTG	TAA	0	0	
mORF_-_189506	189506	189727	-	6	222	ATG	TAA	0	0	
mORF_-_189567	189567	189572	-	4	6	GTG	TGA	0	0	
mORF_-_189589	189589	189672	-	5	84	TTG	TGA	0	0	
mORF_-_189627	189627	189851	-	4	225	TTG	TAG	0	0	
mORF_-_189673	189673	189843	-	5	171	ATG	TAA	0	0	
mORF_-_189761	189761	189793	-	6	33	GTG	TGA	0	0	
mORF_-_189855	189855	189905	-	4	51	TTG	TAA	0	0	
mORF_-_189868	189868	190383	-	5	516	GTG	TAA	1	3	pORF_-_189868
mORF_-_189872	189872	189880	-	6	9	TTG	TGA	0	0	
mORF_-_189936	189936	189983	-	4	48	TTG	TAA	0	0	
mORF_-_189987	189987	190064	-	4	78	TTG	TGA	0	0	
mORF_-_190088	190088	190102	-	6	15	TTG	TAG	0	0	
mORF_-_190197	190197	190208	-	4	12	TTG	TGA	0	0	
mORF_-_190236	190236	190442	-	4	207	TTG	TGA	0	0	
mORF_-_190391	190391	190402	-	6	12	TTG	TGA	0	0	
mORF_-_190469	190469	190621	-	6	153	TTG	TAA	0	0	
mORF_-_190551	190551	191603	-	4	1053	ATG	TGA	1	19	pORF_-_190551
mORF_-_190670	190670	190675	-	6	6	ATG	TAA	0	0	
mORF_-_190675	190675	190764	-	5	90	GTG	TGA	0	0	
mORF_-_190771	190771	190785	-	5	15	ATG	TAA	0	0	
mORF_-_190835	190835	191062	-	6	228	TTG	TGA	0	0	
mORF_-_190867	190867	190935	-	5	69	GTG	TAA	0	0	
mORF_-_190945	190945	190968	-	5	24	TTG	TAG	0	0	
mORF_-_191063	191063	191251	-	6	189	ATG	TAG	0	0	
mORF_-_191083	191083	191109	-	5	27	TTG	TAA	0	0	
mORF_-_191170	191170	191196	-	5	27	GTG	TGA	0	0	
mORF_-_191294	191294	191527	-	6	234	GTG	TGA	0	0	
mORF_-_191365	191365	191382	-	5	18	TTG	TAG	0	0	
mORF_-_191549	191549	191575	-	6	27	TTG	TGA	0	0	
mORF_-_191560	191560	191571	-	5	12	TTG	TAA	0	0	
mORF_-_191585	191585	191698	-	6	114	TTG	TGA	0	0	
mORF_-_191623	191623	191715	-	5	93	TTG	TGA	0	0	
mORF_-_191712	191712	191753	-	4	42	ATG	TGA	0	0	
mORF_-_191763	191763	191804	-	4	42	TTG	TGA	0	0	
mORF_-_191816	191816	192142	-	6	327	GTG	TAA	0	0	
mORF_-_191821	191821	191829	-	5	9	TTG	TGA	0	0	
mORF_-_191842	191842	191865	-	5	24	TTG	TGA	0	0	
mORF_-_191859	191859	191870	-	4	12	TTG	TAG	0	0	
mORF_-_191878	191878	191952	-	5	75	ATG	TAG	0	0	
mORF_-_191895	191895	191948	-	4	54	TTG	TAA	0	0	

mORF_-_191968	191968	191979	-	5	12	TTG	TGA	0	0	
mORF_-_191976	191976	192137	-	4	162	GTG	TGA	0	0	
mORF_-_192001	192001	192090	-	5	90	ATG	TGA	0	0	
mORF_-_192174	192174	192182	-	4	9	ATG	TAG	0	0	
mORF_-_192202	192202	192402	-	5	201	ATG	TAG	1	2	pORF_-_192202
mORF_-_192282	192282	192347	-	4	66	TTG	TAA	0	0	
mORF_-_192293	192293	192487	-	6	195	ATG	TGA	0	0	
mORF_-_192366	192366	192398	-	4	33	TTG	TAA	0	0	
mORF_-_192418	192418	192573	-	5	156	GTG	TAA	0	0	
mORF_-_192566	192566	192676	-	6	111	GTG	TAA	0	0	
mORF_-_192642	192642	192749	-	4	108	TTG	TAA	0	0	
mORF_-_192673	192673	192741	-	5	69	TTG	TGA	0	0	
mORF_-_192760	192760	192990	-	5	231	ATG	TAG	0	0	
mORF_-_192807	192807	192860	-	4	54	TTG	TAA	0	0	
mORF_-_192857	192857	192940	-	6	84	TTG	TGA	0	0	
mORF_-_192942	192942	193064	-	4	123	GTG	TGA	0	0	
mORF_-_193003	193003	193011	-	5	9	GTG	TAA	0	0	
mORF_-_193027	193027	193284	-	5	258	TTG	TGA	0	0	
mORF_-_193071	193071	193091	-	4	21	TTG	TGA	0	0	
mORF_-_193088	193088	193444	-	6	357	TTG	TGA	0	0	
mORF_-_193116	193116	193295	-	4	180	GTG	TAA	0	0	
mORF_-_193314	193314	193373	-	4	60	TTG	TGA	0	0	
mORF_-_193339	193339	193404	-	5	66	TTG	TGA	0	0	
mORF_-_193454	193454	193645	-	6	192	ATG	TGA	0	0	
mORF_-_193494	193494	193601	-	4	108	GTG	TAA	0	0	
mORF_-_193676	193676	193747	-	6	72	GTG	TAG	0	0	
mORF_-_193725	193725	193733	-	4	9	TTG	TAG	0	0	
mORF_-_193755	193755	193769	-	4	15	TTG	TAA	0	0	
mORF_-_193805	193805	193987	-	6	183	ATG	TGA	0	0	
mORF_-_193846	193846	193902	-	5	57	GTG	TAG	0	0	
mORF_-_193899	193899	193955	-	4	57	TTG	TGA	0	0	
mORF_-_193959	193959	193979	-	4	21	ATG	TAA	0	0	
mORF_-_193991	193991	194062	-	6	72	ATG	TGA	0	0	
mORF_-_193998	193998	194045	-	4	48	TTG	TAA	0	0	
mORF_-_194064	194064	194273	-	4	210	GTG	TAA	0	0	
mORF_-_194068	194068	194121	-	5	54	TTG	TAA	0	0	
mORF_-_194144	194144	194218	-	6	75	ATG	TGA	0	0	
mORF_-_194236	194236	194535	-	5	300	TTG	TAA	0	0	
mORF_-_194280	194280	194291	-	4	12	GTG	TGA	0	0	
mORF_-_194292	194292	194366	-	4	75	GTG	TGA	0	0	
mORF_-_194306	194306	194422	-	6	117	TTG	TGA	0	0	
mORF_-_194424	194424	194570	-	4	147	TTG	TAG	0	0	
mORF_-_194462	194462	194545	-	6	84	GTG	TAA	0	0	
mORF_-_194578	194578	194712	-	5	135	TTG	TAA	0	0	
mORF_-_194601	194601	194639	-	4	39	TTG	TAA	0	0	
mORF_-_194744	194744	194785	-	6	42	ATG	TAG	0	0	
mORF_-_194831	194831	194836	-	6	6	GTG	TAA	0	0	
mORF_-_194885	194885	195031	-	6	147	ATG	TGA	0	0	
mORF_-_194916	194916	194927	-	4	12	GTG	TAG	0	0	
mORF_-_194959	194959	195081	-	5	123	TTG	TGA	0	0	
mORF_-_194973	194973	195044	-	4	72	TTG	TAA	0	0	
mORF_-_195155	195155	195265	-	6	111	TTG	TAA	0	0	
mORF_-_195290	195290	195406	-	6	117	TTG	TAG	0	0	
mORF_-_195412	195412	195504	-	5	93	ATG	TGA	0	0	
mORF_-_195431	195431	195454	-	6	24	ATG	TAG	0	0	
mORF_-_195473	195473	195583	-	6	111	TTG	TAA	0	0	
mORF_-_195544	195544	195828	-	5	285	GTG	TAA	0	0	
mORF_-_195822	195822	196010	-	4	189	TTG	TAA	0	0	
mORF_-_195866	195866	195922	-	6	57	TTG	TAA	0	0	
mORF_-_195991	195991	196080	-	5	90	ATG	TAA	0	0	
mORF_-_196023	196023	196031	-	4	9	ATG	TAG	0	0	
mORF_-_196038	196038	196130	-	4	93	TTG	TAA	0	0	
mORF_-_196088	196088	196249	-	6	162	TTG	TAA	0	0	

mORF_-_196141	196141	196194	-	5	54	TTG	TAG	0	0
mORF_-_196146	196146	196220	-	4	75	GTG	TGA	0	0
mORF_-_196269	196269	196289	-	4	21	ATG	TAG	0	0
mORF_-_196294	196294	196341	-	5	48	ATG	TAA	0	0
mORF_-_196367	196367	196432	-	6	66	ATG	TGA	0	0
mORF_-_196433	196433	196447	-	6	15	GTG	TAA	0	0
mORF_-_196521	196521	196604	-	4	84	GTG	TGA	0	0
mORF_-_196531	196531	196623	-	5	93	ATG	TAA	0	0
mORF_-_196577	196577	196588	-	6	12	GTG	TGA	0	0
mORF_-_196601	196601	196669	-	6	69	TTG	TGA	0	0
mORF_-_196620	196620	196715	-	4	96	GTG	TGA	0	0
mORF_-_196666	196666	196977	-	5	312	TTG	TGA	0	0
mORF_-_196749	196749	196874	-	4	126	ATG	TAA	0	0
mORF_-_196844	196844	196867	-	6	24	TTG	TAA	0	0
mORF_-_196890	196890	197084	-	4	195	ATG	TAG	0	0
mORF_-_196907	196907	196984	-	6	78	GTG	TAA	0	0
mORF_-_196996	196996	197112	-	5	117	TTG	TAG	0	0
mORF_-_197084	197084	197251	-	6	168	TTG	TAA	0	0
mORF_-_197134	197134	197268	-	5	135	TTG	TAA	0	0
mORF_-_197139	197139	197255	-	4	117	TTG	TGA	0	0
mORF_-_197285	197285	197404	-	6	120	ATG	TAA	0	0
mORF_-_197298	197298	197642	-	4	345	TTG	TGA	0	0
mORF_-_197679	197679	197789	-	4	111	TTG	TAA	0	0
mORF_-_197713	197713	197817	-	5	105	TTG	TAA	0	0
mORF_-_197786	197786	197872	-	6	87	GTG	TGA	0	0
mORF_-_197826	197826	198263	-	4	438	TTG	TAA	0	0
mORF_-_197906	197906	197977	-	6	72	GTG	TAA	0	0
mORF_-_198029	198029	198139	-	6	111	TTG	TGA	0	0
mORF_-_198185	198185	198316	-	6	132	ATG	TGA	0	0
mORF_-_198350	198350	198496	-	6	147	GTG	TAG	0	0
mORF_-_198447	198447	198767	-	4	321	GTG	TGA	0	0
mORF_-_198629	198629	198646	-	6	18	ATG	TAA	0	0
mORF_-_198689	198689	198709	-	6	21	GTG	TAA	0	0
mORF_-_198719	198719	198853	-	6	135	TTG	TGA	0	0
mORF_-_198881	198881	198925	-	6	45	TTG	TAG	0	0
mORF_-_198931	198931	199053	-	5	123	ATG	TAA	0	0
mORF_-_198936	198936	199136	-	4	201	TTG	TAA	0	0
mORF_-_199172	199172	199207	-	6	36	TTG	TAG	0	0
mORF_-_199275	199275	199592	-	4	318	ATG	TAA	0	0
mORF_-_199286	199286	199312	-	6	27	TTG	TAA	0	0
mORF_-_199328	199328	199363	-	6	36	GTG	TAG	0	0
mORF_-_199436	199436	199447	-	6	12	TTG	TAG	0	0
mORF_-_199517	199517	199543	-	6	27	ATG	TAA	0	0
mORF_-_199568	199568	199600	-	6	33	GTG	TAA	0	0
mORF_-_199607	199607	199645	-	6	39	TTG	TGA	0	0
mORF_-_199642	199642	199701	-	5	60	GTG	TGA	0	0
mORF_-_199658	199658	199666	-	6	9	TTG	TAG	0	0
mORF_-_199679	199679	199729	-	6	51	ATG	TAA	0	0
mORF_-_199751	199751	199771	-	6	21	GTG	TAG	0	0
mORF_-_199764	199764	199802	-	4	39	GTG	TAA	0	0
mORF_-_199799	199799	199804	-	6	6	TTG	TGA	0	0
mORF_-_199835	199835	199858	-	6	24	TTG	TAA	0	0
mORF_-_199848	199848	200186	-	4	339	TTG	TAA	0	0
mORF_-_199883	199883	199930	-	6	48	ATG	TAG	0	0
mORF_-_200003	200003	200086	-	6	84	GTG	TGA	0	0
mORF_-_200116	200116	200265	-	5	150	ATG	TAG	0	0
mORF_-_200204	200204	200221	-	6	18	TTG	TAG	0	0
mORF_-_200247	200247	200252	-	4	6	TTG	TAA	0	0
mORF_-_200285	200285	200371	-	6	87	GTG	TAG	0	0
mORF_-_200338	200338	200433	-	5	96	GTG	TAA	0	0
mORF_-_200403	200403	200459	-	4	57	TTG	TAA	0	0
mORF_-_200411	200411	200437	-	6	27	TTG	TGA	0	0
mORF_-_200477	200477	200557	-	6	81	TTG	TAA	0	0

mORF_-_200535	200535	200723	-	4	189	GTG	TGA	0	0
mORF_-_200723	200723	200800	-	6	78	GTG	TAG	0	0
mORF_-_200766	200766	200867	-	4	102	TTG	TGA	0	0
mORF_-_200831	200831	200899	-	6	69	TTG	TAA	0	0
mORF_-_200910	200910	201062	-	4	153	ATG	TAA	0	0
mORF_-_200960	200960	200980	-	6	21	TTG	TAA	0	0
mORF_-_201019	201019	201120	-	5	102	ATG	TAG	0	0
mORF_-_201044	201044	201073	-	6	30	GTG	TGA	0	0
mORF_-_201081	201081	201152	-	4	72	ATG	TGA	0	0
mORF_-_201098	201098	201106	-	6	9	TTG	TAA	0	0
mORF_-_201121	201121	201234	-	5	114	TTG	TAA	0	0
mORF_-_201149	201149	201274	-	6	126	GTG	TGA	0	0
mORF_-_201216	201216	201449	-	4	234	ATG	TAA	0	0
mORF_-_201238	201238	201798	-	5	561	ATG	TAA	0	0
mORF_-_201374	201374	201559	-	6	186	GTG	TAA	0	0
mORF_-_201522	201522	201731	-	4	210	ATG	TAA	0	0
mORF_-_201575	201575	201610	-	6	36	TTG	TAA	0	0
mORF_-_201659	201659	201685	-	6	27	GTG	TGA	0	0
mORF_-_201759	201759	201857	-	4	99	GTG	TAA	0	0
mORF_-_201854	201854	201925	-	6	72	GTG	TGA	0	0
mORF_-_201870	201870	201977	-	4	108	TTG	TAG	0	0
mORF_-_201877	201877	201990	-	5	114	TTG	TGA	0	0
mORF_-_201980	201980	202018	-	6	39	TTG	TAA	0	0
mORF_-_201993	201993	202037	-	4	45	ATG	TAG	0	0
mORF_-_202064	202064	202114	-	6	51	GTG	TAA	0	0
mORF_-_202077	202077	202118	-	4	42	ATG	TAA	0	0
mORF_-_202115	202115	202240	-	6	126	TTG	TGA	0	0
mORF_-_202140	202140	202157	-	4	18	GTG	TAA	0	0
mORF_-_202170	202170	202586	-	4	417	ATG	TAA	0	0
mORF_-_202237	202237	202320	-	5	84	TTG	TGA	0	0
mORF_-_202373	202373	202405	-	6	33	TTG	TAG	0	0
mORF_-_202427	202427	202636	-	6	210	ATG	TGA	0	0
mORF_-_202480	202480	202632	-	5	153	GTG	TAA	0	0
mORF_-_202614	202614	202856	-	4	243	ATG	TGA	0	0
mORF_-_202748	202748	202852	-	6	105	ATG	TGA	0	0
mORF_-_202853	202853	202972	-	6	120	TTG	TGA	0	0
mORF_-_202905	202905	203132	-	4	228	GTG	TAA	0	0
mORF_-_202915	202915	202977	-	5	63	TTG	TGA	0	0
mORF_-_202988	202988	203026	-	6	39	ATG	TGA	0	0
mORF_-_203039	203039	203053	-	6	15	ATG	TGA	0	0
mORF_-_203108	203108	203209	-	6	102	TTG	TAA	0	0
mORF_-_203113	203113	203136	-	5	24	TTG	TGA	0	0
mORF_-_203200	203200	203286	-	5	87	ATG	TAG	0	0
mORF_-_203305	203305	203700	-	5	396	ATG	TAA	0	0
mORF_-_203325	203325	203597	-	4	273	TTG	TGA	0	0
mORF_-_203420	203420	203443	-	6	24	ATG	TAA	0	0
mORF_-_203570	203570	203704	-	6	135	ATG	TAA	0	0
mORF_-_203704	203704	203766	-	5	63	GTG	TAA	0	0
mORF_-_203717	203717	203845	-	6	129	ATG	TGA	0	0
mORF_-_203748	203748	203783	-	4	36	ATG	TGA	0	0
mORF_-_203806	203806	203820	-	5	15	TTG	TAA	0	0
mORF_-_203835	203835	203867	-	4	33	ATG	TAA	0	0
mORF_-_203842	203842	203862	-	5	21	ATG	TGA	0	0
mORF_-_203867	203867	203923	-	6	57	GTG	TAA	0	0
mORF_-_203911	203911	204081	-	5	171	TTG	TGA	0	0
mORF_-_203970	203970	204041	-	4	72	GTG	TAA	0	0
mORF_-_204104	204104	204112	-	6	9	ATG	TGA	0	0
mORF_-_204109	204109	204231	-	5	123	ATG	TGA	0	0
mORF_-_204240	204240	204293	-	4	54	TTG	TAA	0	0
mORF_-_204277	204277	204321	-	5	45	TTG	TAA	0	0
mORF_-_204318	204318	204491	-	4	174	GTG	TGA	0	0
mORF_-_204326	204326	204352	-	6	27	TTG	TAA	0	0
mORF_-_204371	204371	204472	-	6	102	TTG	TAA	0	0

mORF_-_204433	204433	204516	-	5	84	GTG	TGA	0	0	
mORF_-_204485	204485	204493	-	6	9	TTG	TAA	0	0	
mORF_-_204507	204507	204632	-	4	126	TTG	TAA	0	0	
mORF_-_204559	204559	204789	-	5	231	ATG	TAA	0	0	
mORF_-_204663	204663	204740	-	4	78	ATG	TAG	0	0	
mORF_-_204744	204744	204980	-	4	237	TTG	TGA	0	0	
mORF_-_204835	204835	205299	-	5	465	ATG	TAA	0	0	
mORF_-_204899	204899	204991	-	6	93	TTG	TAG	0	0	
mORF_-_204999	204999	205064	-	4	66	TTG	TGA	0	0	
mORF_-_205061	205061	205240	-	6	180	GTG	TGA	0	0	
mORF_-_205167	205167	205262	-	4	96	TTG	TAG	0	0	
mORF_-_205284	205284	205397	-	4	114	TTG	TAG	0	0	
mORF_-_205334	205334	205432	-	6	99	TTG	TAA	0	0	
mORF_-_205366	205366	205374	-	5	9	GTG	TAA	0	0	
mORF_-_205440	205440	205532	-	4	93	ATG	TGA	0	0	
mORF_-_205495	205495	205839	-	5	345	TTG	TAA	0	0	
mORF_-_205620	205620	205643	-	4	24	GTG	TAG	0	0	
mORF_-_205665	205665	205724	-	4	60	TTG	TAG	0	0	
mORF_-_205736	205736	205762	-	6	27	GTG	TAA	0	0	
mORF_-_205824	205824	205988	-	4	165	GTG	TAG	0	0	
mORF_-_205995	205995	206006	-	4	12	TTG	TAA	0	0	
mORF_-_206003	206003	206014	-	6	12	TTG	TGA	0	0	
mORF_-_206112	206112	206123	-	4	12	TTG	TGA	0	0	
mORF_-_206142	206142	206153	-	4	12	ATG	TAG	0	0	
mORF_-_206165	206165	206230	-	6	66	GTG	TAA	0	0	
mORF_-_206227	206227	206928	-	5	702	TTG	TGA	0	0	
mORF_-_206238	206238	206321	-	4	84	ATG	TAG	0	0	
mORF_-_206361	206361	206420	-	4	60	GTG	TGA	0	0	
mORF_-_206417	206417	206431	-	6	15	TTG	TGA	0	0	
mORF_-_206577	206577	206687	-	4	111	TTG	TAG	0	0	
mORF_-_206709	206709	206987	-	4	279	TTG	TAA	0	0	
mORF_-_206984	206984	207034	-	6	51	GTG	TGA	0	0	
mORF_-_206992	206992	206997	-	5	6	TTG	TAG	0	0	
mORF_-_207025	207025	207057	-	5	33	TTG	TAG	0	0	
mORF_-_207058	207058	207405	-	5	348	GTG	TGA	0	0	
mORF_-_207077	207077	207163	-	6	87	TTG	TAA	0	0	
mORF_-_207165	207165	207173	-	4	9	ATG	TAG	0	0	
mORF_-_207183	207183	207197	-	4	15	ATG	TGA	0	0	
mORF_-_207222	207222	207335	-	4	114	TTG	TAA	1	6	pORF_-_207222
mORF_-_207384	207384	207398	-	4	15	TTG	TAA	0	0	
mORF_-_207392	207392	207430	-	6	39	ATG	TAA	0	0	
mORF_-_207427	207427	207435	-	5	9	TTG	TGA	0	0	
mORF_-_207439	207439	207807	-	5	369	ATG	TAA	0	0	
mORF_-_207456	207456	207506	-	4	51	GTG	TAG	0	0	
mORF_-_207470	207470	207565	-	6	96	GTG	TAA	0	0	
mORF_-_207585	207585	207674	-	4	90	ATG	TAA	0	0	
mORF_-_207696	207696	207776	-	4	81	ATG	TAG	0	0	
mORF_-_207773	207773	207805	-	6	33	GTG	TGA	0	0	
mORF_-_207841	207841	207951	-	5	111	TTG	TAA	0	0	
mORF_-_207936	207936	208025	-	4	90	TTG	TAG	0	0	
mORF_-_207994	207994	208017	-	5	24	GTG	TAA	0	0	
mORF_-_208033	208033	208401	-	5	369	TTG	TAA	0	0	
mORF_-_208050	208050	208265	-	4	216	ATG	TAA	0	0	
mORF_-_208379	208379	208498	-	6	120	GTG	TAG	0	0	
mORF_-_208417	208417	208473	-	5	57	ATG	TAA	0	0	
mORF_-_208482	208482	208574	-	4	93	ATG	TGA	0	0	
mORF_-_208552	208552	209487	-	5	936	TTG	TAA	1	6	pORF_-_208552
mORF_-_208701	208701	208727	-	4	27	ATG	TGA	0	0	
mORF_-_208721	208721	208867	-	6	147	ATG	TAA	0	0	
mORF_-_208851	208851	208967	-	4	117	ATG	TAA	0	0	
mORF_-_208964	208964	209050	-	6	87	GTG	TGA	0	0	
mORF_-_208974	208974	208994	-	4	21	TTG	TGA	0	0	
mORF_-_209037	209037	209108	-	4	72	GTG	TAA	0	0	

mORF_-_209099	209099	209167	-	6	69	GTG	TAA	0	0	
mORF_-_209148	209148	209291	-	4	144	GTG	TGA	0	0	
mORF_-_209292	209292	209423	-	4	132	ATG	TAG	0	0	
mORF_-_209420	209420	209632	-	6	213	GTG	TGA	0	0	
mORF_-_209445	209445	209525	-	4	81	GTG	TGA	0	0	
mORF_-_209533	209533	209607	-	5	75	GTG	TAA	0	0	
mORF_-_209604	209604	209822	-	4	219	ATG	TGA	0	0	
mORF_-_209651	209651	209695	-	6	45	ATG	TAA	0	0	
mORF_-_209717	209717	209737	-	6	21	TTG	TAA	0	0	
mORF_-_209771	209771	209890	-	6	120	TTG	TGA	0	0	
mORF_-_209776	209776	209787	-	5	12	GTG	TAA	0	0	
mORF_-_209874	209874	210776	-	4	903	GTG	TAA	1	3	pORF_-_209874
mORF_-_209915	209915	210022	-	6	108	ATG	TAA	0	0	
mORF_-_210032	210032	210076	-	6	45	GTG	TGA	0	0	
mORF_-_210061	210061	210066	-	5	6	GTG	TAA	0	0	
mORF_-_210092	210092	210145	-	6	54	GTG	TAG	0	0	
mORF_-_210097	210097	210150	-	5	54	ATG	TGA	0	0	
mORF_-_210179	210179	210289	-	6	111	ATG	TAA	0	0	
mORF_-_210229	210229	210267	-	5	39	GTG	TGA	0	0	
mORF_-_210317	210317	210406	-	6	90	TTG	TAA	0	0	
mORF_-_210325	210325	210378	-	5	54	ATG	TAA	0	0	
mORF_-_210410	210410	210556	-	6	147	GTG	TGA	0	0	
mORF_-_210550	210550	210564	-	5	15	GTG	TAG	0	0	
mORF_-_210575	210575	210598	-	6	24	GTG	TGA	0	0	
mORF_-_210614	210614	210634	-	6	21	TTG	TAG	0	0	
mORF_-_210659	210659	210688	-	6	30	GTG	TGA	0	0	
mORF_-_210704	210704	210874	-	6	171	GTG	TAG	0	0	
mORF_-_210792	210792	210866	-	4	75	ATG	TAA	0	0	
mORF_-_210884	210884	210988	-	6	105	TTG	TAA	0	0	
mORF_-_210960	210960	211127	-	4	168	ATG	TGA	0	0	
mORF_-_211124	211124	211186	-	6	63	TTG	TGA	0	0	
mORF_-_211153	211153	211224	-	5	72	TTG	TAG	0	0	
mORF_-_211268	211268	211348	-	6	81	TTG	TAA	0	0	
mORF_-_211288	211288	211317	-	5	30	TTG	TAA	0	0	
mORF_-_211355	211355	211378	-	6	24	TTG	TAA	0	0	
mORF_-_211375	211375	211506	-	5	132	ATG	TGA	0	0	
mORF_-_211386	211386	211595	-	4	210	TTG	TAG	0	0	
mORF_-_211418	211418	211426	-	6	9	TTG	TAG	0	0	
mORF_-_211436	211436	211531	-	6	96	ATG	TGA	0	0	
mORF_-_211528	211528	211548	-	5	21	ATG	TGA	0	0	
mORF_-_211541	211541	211582	-	6	42	ATG	TGA	0	0	
mORF_-_211561	211561	211638	-	5	78	GTG	TAA	0	0	
mORF_-_211631	211631	211690	-	6	60	GTG	TAA	0	0	
mORF_-_211704	211704	211760	-	4	57	GTG	TAG	0	0	
mORF_-_211803	211803	211862	-	4	60	TTG	TAG	0	0	
mORF_-_211886	211886	211975	-	6	90	TTG	TAA	0	0	
mORF_-_211924	211924	211938	-	5	15	TTG	TAA	0	0	
mORF_-_211945	211945	211968	-	5	24	GTG	TAG	0	0	
mORF_-_211965	211965	212006	-	4	42	ATG	TGA	0	0	
mORF_-_212003	212003	212035	-	6	33	TTG	TGA	0	0	
mORF_-_212025	212025	212057	-	4	33	ATG	TAA	0	0	
mORF_-_212054	212054	212206	-	6	153	TTG	TGA	0	0	
mORF_-_212107	212107	212307	-	5	201	ATG	TGA	0	0	
mORF_-_212118	212118	212198	-	4	81	ATG	TAA	0	0	
mORF_-_212223	212223	212276	-	4	54	ATG	TAA	0	0	
mORF_-_212273	212273	212407	-	6	135	GTG	TGA	0	0	
mORF_-_212310	212310	212354	-	4	45	TTG	TAG	0	0	
mORF_-_212329	212329	212337	-	5	9	GTG	TGA	0	0	
mORF_-_212359	212359	212367	-	5	9	GTG	TGA	0	0	
mORF_-_212364	212364	212483	-	4	120	GTG	TGA	0	0	
mORF_-_212480	212480	212596	-	6	117	ATG	TGA	0	0	
mORF_-_212487	212487	212690	-	4	204	TTG	TAA	0	0	
mORF_-_212512	212512	212631	-	5	120	ATG	TAA	0	0	

mORF_-_212624	212624	212668	-	6	45	GTG	TGA	0	0	
mORF_-_212687	212687	212806	-	6	120	GTG	TGA	0	0	
mORF_-_212782	212782	213066	-	5	285	TTG	TAA	0	0	
mORF_-_212919	212919	212987	-	4	69	TTG	TAA	0	0	
mORF_-_213021	213021	213035	-	4	15	TTG	TAA	0	0	
mORF_-_213100	213100	213201	-	5	102	GTG	TAA	0	0	
mORF_-_213207	213207	213314	-	4	108	TTG	TAA	0	0	
mORF_-_213239	213239	213289	-	6	51	ATG	TGA	0	0	
mORF_-_213311	213311	213511	-	6	201	GTG	TGA	0	0	
mORF_-_213324	213324	213431	-	4	108	ATG	TAA	0	0	
mORF_-_213409	213409	213516	-	5	108	GTG	TGA	0	0	
mORF_-_213459	213459	213476	-	4	18	TTG	TAG	0	0	
mORF_-_213498	213498	213569	-	4	72	TTG	TAG	0	0	
mORF_-_213622	213622	213663	-	5	42	ATG	TAA	0	0	
mORF_-_213651	213651	213677	-	4	27	TTG	TGA	0	0	
mORF_-_213678	213678	213938	-	4	261	ATG	TGA	6	33	pORF_-_213678
mORF_-_213689	213689	213790	-	6	102	ATG	TAA	0	0	
mORF_-_213803	213803	213838	-	6	36	ATG	TAG	0	0	
mORF_-_213842	213842	213850	-	6	9	TTG	TGA	0	0	
mORF_-_213860	213860	213928	-	6	69	ATG	TAA	0	0	
mORF_-_213901	213901	213906	-	5	6	TTG	TGA	0	0	
mORF_-_213925	213925	214143	-	5	219	GTG	TGA	5	29	pORF_-_213925
mORF_-_213945	213945	214022	-	4	78	ATG	TGA	0	0	
mORF_-_214104	214104	214127	-	4	24	ATG	TAA	0	0	
mORF_-_214109	214109	214165	-	6	57	TTG	TGA	0	0	
mORF_-_214137	214137	214199	-	4	63	TTG	TGA	0	0	
mORF_-_214174	214174	214215	-	5	42	GTG	TAG	0	0	
mORF_-_214205	214205	214219	-	6	15	ATG	TAG	0	0	
mORF_-_214216	214216	214386	-	5	171	ATG	TGA	1	4	pORF_-_214216
mORF_-_214230	214230	214247	-	4	18	GTG	TGA	0	0	
mORF_-_214256	214256	214261	-	6	6	TTG	TAA	0	0	
mORF_-_214298	214298	214309	-	6	12	TTG	TAA	0	0	
mORF_-_214311	214311	214349	-	4	39	TTG	TAA	0	0	
mORF_-_214390	214390	214704	-	5	315	TTG	TGA	0	0	
mORF_-_214512	214512	214580	-	4	69	GTG	TGA	0	0	
mORF_-_214604	214604	214891	-	6	288	ATG	TAA	0	0	
mORF_-_214647	214647	214739	-	4	93	ATG	TGA	0	0	
mORF_-_214758	214758	214919	-	4	162	ATG	TGA	0	0	
mORF_-_214810	214810	214827	-	5	18	TTG	TAA	0	0	
mORF_-_214921	214921	214935	-	5	15	TTG	TAA	0	0	
mORF_-_214932	214932	215018	-	4	87	ATG	TGA	0	0	
mORF_-_214943	214943	214960	-	6	18	ATG	TGA	0	0	
mORF_-_214985	214985	214990	-	6	6	TTG	TAA	0	0	
mORF_-_215015	215015	215047	-	6	33	ATG	TGA	0	0	
mORF_-_215047	215047	215055	-	5	9	GTG	TAA	0	0	
mORF_-_215069	215069	215233	-	6	165	TTG	TGA	0	0	
mORF_-_215116	215116	215397	-	5	282	TTG	TAA	0	0	
mORF_-_215124	215124	215204	-	4	81	TTG	TAA	0	0	
mORF_-_215315	215315	215593	-	6	279	ATG	TAA	0	0	
mORF_-_215529	215529	215579	-	4	51	TTG	TAG	0	0	
mORF_-_215590	215590	215685	-	5	96	TTG	TGA	0	0	
mORF_-_215595	215595	215663	-	4	69	TTG	TAA	0	0	
mORF_-_215660	215660	215683	-	6	24	GTG	TGA	0	0	
mORF_-_215664	215664	215723	-	4	60	ATG	TAG	0	0	
mORF_-_215692	215692	215835	-	5	144	GTG	TAA	0	0	
mORF_-_215730	215730	215783	-	4	54	ATG	TAA	0	0	
mORF_-_215857	215857	216006	-	5	150	TTG	TGA	0	0	
mORF_-_215909	215909	216100	-	6	192	TTG	TAG	0	0	
mORF_-_215943	215943	216149	-	4	207	ATG	TAA	0	0	
mORF_-_216073	216073	216090	-	5	18	TTG	TAA	0	0	
mORF_-_216134	216134	216139	-	6	6	TTG	TAG	0	0	
mORF_-_216153	216153	216170	-	4	18	ATG	TAA	0	0	
mORF_-_216171	216171	216182	-	4	12	GTG	TAA	0	0	

mORF_-_216179	216179	217057	-	6	879	ATG	TGA	0	0	
mORF_-_216187	216187	216198	-	5	12	TTG	TGA	0	0	
mORF_-_216229	216229	216285	-	5	57	TTG	TGA	0	0	
mORF_-_216298	216298	216417	-	5	120	GTG	TGA	0	0	
mORF_-_216312	216312	216491	-	4	180	GTG	TAG	0	0	
mORF_-_216502	216502	216636	-	5	135	GTG	TGA	0	0	
mORF_-_216643	216643	216723	-	5	81	TTG	TGA	0	0	
mORF_-_216730	216730	216762	-	5	33	TTG	TGA	0	0	
mORF_-_216769	216769	216777	-	5	9	TTG	TAA	0	0	
mORF_-_216813	216813	216881	-	4	69	ATG	TGA	0	0	
mORF_-_216832	216832	216897	-	5	66	ATG	TAA	0	0	
mORF_-_216898	216898	217017	-	5	120	ATG	TAG	0	0	
mORF_-_216933	216933	216944	-	4	12	TTG	TGA	0	0	
mORF_-_217057	217057	218829	-	5	1773	TTG	TGA	151	2918	pORF_-_217057
mORF_-_217074	217074	217097	-	4	24	GTG	TGA	0	0	
mORF_-_217107	217107	217181	-	4	75	TTG	TAA	0	0	
mORF_-_217200	217200	217217	-	4	18	TTG	TGA	0	0	
mORF_-_217221	217221	217301	-	4	81	TTG	TGA	0	0	
mORF_-_217332	217332	217409	-	4	78	TTG	TGA	0	0	
mORF_-_217370	217370	217378	-	6	9	ATG	TGA	0	0	
mORF_-_217406	217406	217450	-	6	45	TTG	TGA	0	0	
mORF_-_217419	217419	217427	-	4	9	GTG	TAG	0	0	
mORF_-_217458	217458	217484	-	4	27	GTG	TGA	0	0	
mORF_-_217500	217500	217556	-	4	57	GTG	TGA	0	0	
mORF_-_217563	217563	217706	-	4	144	GTG	TGA	0	0	
mORF_-_217707	217707	217730	-	4	24	TTG	TGA	0	0	
mORF_-_217752	217752	217793	-	4	42	GTG	TAA	0	0	
mORF_-_217818	217818	217832	-	4	15	TTG	TGA	0	0	
mORF_-_217863	217863	218012	-	4	150	TTG	TGA	0	0	
mORF_-_218019	218019	218300	-	4	282	ATG	TGA	0	0	
mORF_-_218424	218424	218582	-	4	159	GTG	TGA	0	0	
mORF_-_218483	218483	218539	-	6	57	GTG	TGA	0	0	
mORF_-_218592	218592	218603	-	4	12	GTG	TGA	0	0	
mORF_-_218715	218715	218813	-	4	99	TTG	TGA	0	0	
mORF_-_218841	218841	218990	-	4	150	GTG	TAA	0	0	
mORF_-_218846	218846	218869	-	6	24	TTG	TAA	0	0	
mORF_-_218887	218887	219594	-	5	708	ATG	TAA	2	4	pORF_-_218887
mORF_-_219105	219105	219173	-	4	69	TTG	TGA	0	0	
mORF_-_219198	219198	219212	-	4	15	ATG	TAG	0	0	
mORF_-_219243	219243	219266	-	4	24	TTG	TGA	0	0	
mORF_-_219254	219254	219262	-	6	9	TTG	TAA	0	0	
mORF_-_219279	219279	219479	-	4	201	TTG	TAG	0	0	
mORF_-_219347	219347	219424	-	6	78	ATG	TAA	0	0	
mORF_-_219545	219545	219691	-	6	147	ATG	TAA	0	0	
mORF_-_219591	219591	219995	-	4	405	ATG	TGA	12	113	pORF_-_219591
mORF_-_219607	219607	219627	-	5	21	ATG	TAA	0	0	
mORF_-_219698	219698	219796	-	6	99	GTG	TGA	0	0	
mORF_-_219763	219763	219777	-	5	15	TTG	TAA	0	0	
mORF_-_219793	219793	220008	-	5	216	TTG	TGA	0	0	
mORF_-_219821	219821	219835	-	6	15	ATG	TAG	0	0	
mORF_-_219971	219971	219991	-	6	21	GTG	TAG	0	0	
mORF_-_220005	220005	220019	-	4	15	TTG	TGA	0	0	
mORF_-_220016	220016	220066	-	6	51	TTG	TGA	0	0	
mORF_-_220086	220086	220091	-	4	6	TTG	TAA	0	0	
mORF_-_220113	220113	220928	-	4	816	ATG	TAA	76	2546	pORF_-_220113
mORF_-_220199	220199	220228	-	6	30	GTG	TGA	0	0	
mORF_-_220244	220244	220273	-	6	30	TTG	TAA	0	0	
mORF_-_220295	220295	220393	-	6	99	TTG	TGA	0	0	
mORF_-_220397	220397	220453	-	6	57	ATG	TGA	0	0	
mORF_-_220466	220466	220600	-	6	135	TTG	TGA	0	0	
mORF_-_220610	220610	220633	-	6	24	GTG	TAG	0	0	
mORF_-_220640	220640	220654	-	6	15	TTG	TGA	0	0	
mORF_-_220700	220700	220723	-	6	24	ATG	TGA	0	0	

mORF_-_220736	220736	220816	-	6	81	TTG	TAA	0	0	
mORF_-_220817	220817	220852	-	6	36	ATG	TGA	0	0	
mORF_-_220886	220886	220906	-	6	21	TTG	TGA	0	0	
mORF_-_220932	220932	220946	-	4	15	TTG	TAA	0	0	
mORF_-_220968	220968	221621	-	4	654	ATG	TAA	2	8	pORF_-_220968
mORF_-_221057	221057	221098	-	6	42	TTG	TGA	0	0	
mORF_-_221105	221105	221131	-	6	27	GTG	TAG	0	0	
mORF_-_221159	221159	221179	-	6	21	ATG	TGA	0	0	
mORF_-_221180	221180	221263	-	6	84	TTG	TGA	0	0	
mORF_-_221260	221260	221403	-	5	144	ATG	TGA	0	0	
mORF_-_221264	221264	221329	-	6	66	TTG	TAA	0	0	
mORF_-_221333	221333	221377	-	6	45	TTG	TAA	0	0	
mORF_-_221396	221396	221407	-	6	12	TTG	TGA	0	0	
mORF_-_221441	221441	221533	-	6	93	TTG	TGA	0	0	
mORF_-_221476	221476	221604	-	5	129	GTG	TAA	0	0	
mORF_-_221534	221534	221545	-	6	12	TTG	TGA	0	0	
mORF_-_221564	221564	221590	-	6	27	GTG	TGA	0	0	
mORF_-_221614	221614	222645	-	5	1032	ATG	TGA	28	144	pORF_-_221614
mORF_-_221640	221640	221666	-	4	27	TTG	TAA	0	0	
mORF_-_221706	221706	221969	-	4	264	GTG	TGA	0	0	
mORF_-_221966	221966	222019	-	6	54	TTG	TGA	0	0	
mORF_-_221988	221988	222023	-	4	36	GTG	TGA	0	0	
mORF_-_222020	222020	222025	-	6	6	TTG	TGA	0	0	
mORF_-_222033	222033	222038	-	4	6	TTG	TGA	0	0	
mORF_-_222096	222096	222155	-	4	60	GTG	TGA	0	0	
mORF_-_222152	222152	222157	-	6	6	GTG	TGA	0	0	
mORF_-_222180	222180	222263	-	4	84	TTG	TAG	0	0	
mORF_-_222282	222282	222347	-	4	66	TTG	TGA	0	0	
mORF_-_222387	222387	222395	-	4	9	TTG	TGA	0	0	
mORF_-_222438	222438	222452	-	4	15	ATG	TGA	0	0	
mORF_-_222464	222464	222499	-	6	36	TTG	TAG	0	0	
mORF_-_222492	222492	222566	-	4	75	ATG	TAA	0	0	
mORF_-_222642	222642	222713	-	4	72	TTG	TGA	0	0	
mORF_-_222665	222665	222682	-	6	18	ATG	TAA	0	0	
mORF_-_222725	222725	222733	-	6	9	ATG	TAA	0	0	
mORF_-_222742	222742	222750	-	5	9	TTG	TAG	0	0	
mORF_-_222747	222747	222791	-	4	45	ATG	TGA	0	0	
mORF_-_222757	222757	222879	-	5	123	ATG	TAA	0	0	
mORF_-_222804	222804	222809	-	4	6	ATG	TGA	0	0	
mORF_-_222816	222816	222854	-	4	39	TTG	TAA	0	0	
mORF_-_222824	222824	222904	-	6	81	ATG	TAG	0	0	
mORF_-_222895	222895	223005	-	5	111	ATG	TAG	0	0	
mORF_-_222956	222956	223171	-	6	216	ATG	TAG	0	0	
mORF_-_223020	223020	223286	-	4	267	TTG	TAA	0	0	
mORF_-_223114	223114	223164	-	5	51	TTG	TGA	0	0	
mORF_-_223187	223187	223207	-	6	21	ATG	TGA	0	0	
mORF_-_223225	223225	223440	-	5	216	ATG	TAA	0	0	
mORF_-_223314	223314	223403	-	4	90	GTG	TAA	0	0	
mORF_-_223349	223349	223405	-	6	57	TTG	TAA	0	0	
mORF_-_223409	223409	223492	-	6	84	GTG	TAA	0	0	
mORF_-_223470	223470	223625	-	4	156	TTG	TAG	0	0	
mORF_-_223505	223505	223513	-	6	9	GTG	TGA	0	0	
mORF_-_223510	223510	223593	-	5	84	GTG	TGA	0	0	
mORF_-_223553	223553	223711	-	6	159	TTG	TGA	0	0	
mORF_-_223644	223644	223718	-	4	75	TTG	TGA	0	0	
mORF_-_223681	223681	223830	-	5	150	TTG	TAA	0	0	
mORF_-_223737	223737	223742	-	4	6	TTG	TAA	0	0	
mORF_-_223761	223761	223790	-	4	30	ATG	TGA	0	0	
mORF_-_223787	223787	223966	-	6	180	TTG	TGA	0	0	
mORF_-_223818	223818	223826	-	4	9	ATG	TAG	0	0	
mORF_-_223923	223923	224084	-	4	162	GTG	TAG	0	0	
mORF_-_223939	223939	223950	-	5	12	ATG	TAG	0	0	
mORF_-_224018	224018	224041	-	6	24	GTG	TAG	0	0	

mORF_-_224042	224042	224086	-	6	45	GTG	TAG	0	0
mORF_-_224056	224056	224142	-	5	87	GTG	TAG	0	0
mORF_-_224112	224112	224273	-	4	162	GTG	TAG	0	0
mORF_-_224255	224255	224317	-	6	63	TTG	TAA	0	0
mORF_-_224321	224321	224350	-	6	30	GTG	TAA	0	0
mORF_-_224363	224363	224551	-	6	189	TTG	TAA	0	0
mORF_-_224389	224389	224406	-	5	18	ATG	TGA	0	0
mORF_-_224558	224558	224671	-	6	114	TTG	TAA	0	0
mORF_-_224640	224640	224720	-	4	81	ATG	TAA	0	0
mORF_-_224674	224674	224826	-	5	153	ATG	TAA	0	0
mORF_-_224726	224726	224881	-	6	156	TTG	TAA	0	0
mORF_-_224751	224751	224771	-	4	21	GTG	TAA	0	0
mORF_-_224835	224835	224921	-	4	87	TTG	TGA	0	0
mORF_-_224860	224860	225000	-	5	141	GTG	TAA	0	0
mORF_-_224964	224964	225089	-	4	126	TTG	TGA	0	0
mORF_-_224993	224993	224998	-	6	6	GTG	TAG	0	0
mORF_-_225004	225004	225045	-	5	42	TTG	TAG	0	0
mORF_-_225053	225053	225100	-	6	48	ATG	TGA	0	0
mORF_-_225114	225114	225305	-	4	192	GTG	TAG	0	0
mORF_-_225128	225128	225169	-	6	42	GTG	TGA	0	0
mORF_-_225176	225176	225199	-	6	24	TTG	TGA	0	0
mORF_-_225214	225214	225273	-	5	60	TTG	TAA	0	0
mORF_-_225310	225310	225342	-	5	33	GTG	TAA	0	0
mORF_-_225339	225339	225458	-	4	120	TTG	TGA	0	0
mORF_-_225392	225392	225445	-	6	54	GTG	TGA	0	0
mORF_-_225436	225436	225471	-	5	36	TTG	TGA	0	0
mORF_-_225452	225452	225466	-	6	15	GTG	TAG	0	0
mORF_-_225485	225485	225685	-	6	201	TTG	TAA	0	0
mORF_-_225489	225489	225494	-	4	6	ATG	TAG	0	0
mORF_-_225511	225511	225576	-	5	66	ATG	TGA	0	0
mORF_-_225588	225588	225620	-	4	33	TTG	TAA	0	0
mORF_-_225645	225645	225710	-	4	66	TTG	TAA	0	0
mORF_-_225658	225658	225738	-	5	81	TTG	TGA	0	0
mORF_-_225707	225707	225745	-	6	39	ATG	TGA	0	0
mORF_-_225769	225769	225924	-	5	156	ATG	TAG	0	0
mORF_-_225819	225819	225911	-	4	93	ATG	TAG	0	0
mORF_-_225911	225911	225958	-	6	48	ATG	TAA	0	0
mORF_-_225959	225959	226174	-	6	216	ATG	TAG	0	0
mORF_-_225982	225982	226287	-	5	306	TTG	TGA	0	0
mORF_-_226050	226050	226181	-	4	132	TTG	TAA	0	0
mORF_-_226184	226184	226300	-	6	117	ATG	TAG	0	0
mORF_-_226338	226338	226361	-	4	24	TTG	TGA	0	0
mORF_-_226399	226399	226452	-	5	54	ATG	TAA	0	0
mORF_-_226445	226445	226645	-	6	201	ATG	TAG	0	0
mORF_-_226498	226498	226551	-	5	54	TTG	TAG	0	0
mORF_-_226512	226512	226547	-	4	36	TTG	TAA	0	0
mORF_-_226585	226585	226608	-	5	24	ATG	TAA	0	0
mORF_-_226605	226605	226658	-	4	54	TTG	TGA	0	0
mORF_-_226642	226642	226704	-	5	63	GTG	TGA	0	0
mORF_-_226692	226692	226742	-	4	51	TTG	TGA	0	0
mORF_-_226756	226756	226839	-	5	84	ATG	TAG	0	0
mORF_-_226836	226836	227066	-	4	231	TTG	TGA	0	0
mORF_-_226898	226898	226906	-	6	9	ATG	TAG	0	0
mORF_-_227000	227000	227080	-	6	81	TTG	TGA	0	0
mORF_-_227083	227083	227310	-	5	228	TTG	TAA	0	0
mORF_-_227169	227169	227342	-	4	174	ATG	TAA	0	0
mORF_-_227335	227335	227367	-	5	33	TTG	TAG	0	0
mORF_-_227342	227342	227560	-	6	219	TTG	TGA	0	0
mORF_-_227352	227352	227375	-	4	24	GTG	TGA	0	0
mORF_-_227382	227382	227435	-	4	54	TTG	TGA	0	0
mORF_-_227505	227505	227564	-	4	60	GTG	TGA	0	0
mORF_-_227539	227539	227553	-	5	15	GTG	TAA	0	0
mORF_-_227622	227622	227849	-	4	228	GTG	TAA	0	0

mORF_-_227672	227672	227725	-	6	54	GTG	TAG	0	0	
mORF_-_227683	227683	227757	-	5	75	GTG	TAG	0	0	
mORF_-_227765	227765	227935	-	6	171	GTG	TGA	0	0	
mORF_-_227836	227836	227913	-	5	78	ATG	TAG	0	0	
mORF_-_227954	227954	228043	-	6	90	GTG	TAG	0	0	
mORF_-_228053	228053	228256	-	6	204	GTG	TAG	0	0	
mORF_-_228078	228078	228275	-	4	198	GTG	TAA	0	0	
mORF_-_228142	228142	228177	-	5	36	ATG	TGA	0	0	
mORF_-_228232	228232	228300	-	5	69	TTG	TGA	0	0	
mORF_-_228272	228272	228319	-	6	48	ATG	TGA	0	0	
mORF_-_228370	228370	228459	-	5	90	ATG	TAG	0	0	
mORF_-_228410	228410	228520	-	6	111	GTG	TAG	0	0	
mORF_-_228456	228456	228512	-	4	57	ATG	TGA	0	0	
mORF_-_228661	228661	228795	-	5	135	ATG	TAA	0	0	
mORF_-_228717	228717	228899	-	4	183	ATG	TAA	0	0	
mORF_-_228803	228803	228850	-	6	48	ATG	TGA	0	0	
mORF_-_228880	228880	229005	-	5	126	GTG	TAA	0	0	
mORF_-_229024	229024	229089	-	5	66	ATG	TAA	0	0	
mORF_-_229059	229059	229163	-	4	105	ATG	TAA	0	0	
mORF_-_229171	229171	229182	-	5	12	ATG	TAG	0	0	
mORF_-_229219	229219	229332	-	5	114	GTG	TAA	0	0	
mORF_-_229224	229224	229418	-	4	195	TTG	TGA	0	0	
mORF_-_229343	229343	229387	-	6	45	TTG	TAG	0	0	
mORF_-_229375	229375	229470	-	5	96	TTG	TGA	0	0	
mORF_-_229433	229433	229609	-	6	177	ATG	TAA	0	0	
mORF_-_229449	229449	229457	-	4	9	GTG	TAG	0	0	
mORF_-_229464	229464	229781	-	4	318	TTG	TGA	0	0	
mORF_-_229637	229637	229684	-	6	48	ATG	TAA	0	0	
mORF_-_229697	229697	229765	-	6	69	TTG	TAG	0	0	
mORF_-_229756	229756	229779	-	5	24	GTG	TAG	0	0	
mORF_-_229811	229811	229924	-	6	114	TTG	TAA	0	0	
mORF_-_229815	229815	229871	-	4	57	TTG	TGA	0	0	
mORF_-_229861	229861	229914	-	5	54	GTG	TAA	0	0	
mORF_-_229967	229967	230881	-	6	915	ATG	TAA	2	7	pORF_-_229967
mORF_-_230002	230002	230007	-	5	6	ATG	TAA	0	0	
mORF_-_230047	230047	230076	-	5	30	GTG	TAA	0	0	
mORF_-_230103	230103	230195	-	4	93	TTG	TAA	0	0	
mORF_-_230152	230152	230187	-	5	36	GTG	TGA	0	0	
mORF_-_230203	230203	230217	-	5	15	GTG	TGA	0	0	
mORF_-_230239	230239	230259	-	5	21	ATG	TGA	0	0	
mORF_-_230298	230298	230315	-	4	18	TTG	TGA	0	0	
mORF_-_230326	230326	230418	-	5	93	GTG	TAA	0	0	
mORF_-_230434	230434	230460	-	5	27	ATG	TAA	0	0	
mORF_-_230503	230503	230535	-	5	33	GTG	TAG	0	0	
mORF_-_230557	230557	230607	-	5	51	GTG	TGA	0	0	
mORF_-_230704	230704	230748	-	5	45	TTG	TGA	0	0	
mORF_-_230800	230800	230850	-	5	51	TTG	TAG	0	0	
mORF_-_230820	230820	230930	-	4	111	ATG	TAG	0	0	
mORF_-_230878	230878	230898	-	5	21	TTG	TGA	0	0	
mORF_-_230930	230930	231022	-	6	93	TTG	TAA	0	0	
mORF_-_230938	230938	231135	-	5	198	GTG	TGA	0	0	
mORF_-_231012	231012	231362	-	4	351	TTG	TAA	0	0	
mORF_-_231116	231116	231163	-	6	48	TTG	TGA	0	0	
mORF_-_231136	231136	231144	-	5	9	ATG	TAG	0	0	
mORF_-_231148	231148	231279	-	5	132	TTG	TAG	0	0	
mORF_-_231233	231233	231286	-	6	54	TTG	TAA	0	0	
mORF_-_231308	231308	231334	-	6	27	ATG	TAA	0	0	
mORF_-_231316	231316	231324	-	5	9	TTG	TAG	0	0	
mORF_-_231371	231371	231472	-	6	102	ATG	TAA	0	0	
mORF_-_231390	231390	231551	-	4	162	ATG	TAG	0	0	
mORF_-_231409	231409	231510	-	5	102	ATG	TGA	0	0	
mORF_-_231544	231544	231597	-	5	54	TTG	TAG	0	0	
mORF_-_231551	231551	231589	-	6	39	GTG	TAA	0	0	

mORF_-_231632	231632	231664	-	6	33	GTG	TAA	0	0	
mORF_-_231658	231658	231696	-	5	39	TTG	TGA	0	0	
mORF_-_231725	231725	231877	-	6	153	GTG	TAA	0	0	
mORF_-_231874	231874	232065	-	5	192	GTG	TGA	0	0	
mORF_-_231897	231897	232028	-	4	132	GTG	TGA	0	0	
mORF_-_231929	231929	231970	-	6	42	TTG	TGA	0	0	
mORF_-_231998	231998	232237	-	6	240	GTG	TAA	0	0	
mORF_-_232059	232059	232109	-	4	51	ATG	TGA	0	0	
mORF_-_232122	232122	232274	-	4	153	ATG	TGA	0	0	
mORF_-_232234	232234	232251	-	5	18	ATG	TGA	0	0	
mORF_-_232274	232274	232291	-	6	18	GTG	TAA	0	0	
mORF_-_232300	232300	232443	-	5	144	ATG	TAG	0	0	
mORF_-_232362	232362	232394	-	4	33	ATG	TAA	0	0	
mORF_-_232424	232424	232537	-	6	114	ATG	TAA	0	0	
mORF_-_232434	232434	232460	-	4	27	ATG	TAG	0	0	
mORF_-_232444	232444	232524	-	5	81	ATG	TAA	0	0	
mORF_-_232521	232521	232562	-	4	42	GTG	TGA	0	0	
mORF_-_232597	232597	233955	-	5	1359	ATG	TGA	0	0	
mORF_-_232623	232623	232628	-	4	6	TTG	TGA	0	0	
mORF_-_232683	232683	232688	-	4	6	ATG	TGA	0	0	
mORF_-_232698	232698	232805	-	4	108	TTG	TGA	0	0	
mORF_-_232832	232832	232855	-	6	24	GTG	TAA	0	0	
mORF_-_232875	232875	233024	-	4	150	ATG	TAA	0	0	
mORF_-_233040	233040	233057	-	4	18	GTG	TGA	0	0	
mORF_-_233133	233133	233150	-	4	18	TTG	TAG	0	0	
mORF_-_233160	233160	233243	-	4	84	GTG	TGA	0	0	
mORF_-_233244	233244	233321	-	4	78	GTG	TGA	0	0	
mORF_-_233385	233385	233405	-	4	21	TTG	TGA	0	0	
mORF_-_233433	233433	233477	-	4	45	ATG	TGA	0	0	
mORF_-_233493	233493	233573	-	4	81	TTG	TGA	0	0	
mORF_-_233673	233673	233735	-	4	63	ATG	TAA	0	0	
mORF_-_233732	233732	233779	-	6	48	GTG	TGA	0	0	
mORF_-_233754	233754	233810	-	4	57	ATG	TAA	0	0	
mORF_-_233783	233783	233911	-	6	129	TTG	TGA	0	0	
mORF_-_233952	233952	233966	-	4	15	TTG	TGA	0	0	
mORF_-_233963	233963	234016	-	6	54	TTG	TGA	0	0	
mORF_-_234027	234027	234782	-	4	756	ATG	TGA	8	19	pORF_-_234027
mORF_-_234034	234034	234057	-	5	24	ATG	TAG	0	0	
mORF_-_234050	234050	234097	-	6	48	ATG	TAA	0	0	
mORF_-_234101	234101	234106	-	6	6	ATG	TAA	0	0	
mORF_-_234110	234110	234118	-	6	9	TTG	TAA	0	0	
mORF_-_234131	234131	234157	-	6	27	ATG	TAA	0	0	
mORF_-_234179	234179	234226	-	6	48	ATG	TAA	0	0	
mORF_-_234254	234254	234262	-	6	9	TTG	TGA	0	0	
mORF_-_234266	234266	234325	-	6	60	GTG	TGA	0	0	
mORF_-_234286	234286	234300	-	5	15	ATG	TGA	0	0	
mORF_-_234326	234326	234388	-	6	63	GTG	TAA	0	0	
mORF_-_234367	234367	234411	-	5	45	TTG	TGA	0	0	
mORF_-_234446	234446	234469	-	6	24	TTG	TAG	0	0	
mORF_-_234470	234470	234511	-	6	42	ATG	TAA	0	0	
mORF_-_234518	234518	234568	-	6	51	TTG	TAG	0	0	
mORF_-_234596	234596	234667	-	6	72	TTG	TAA	0	0	
mORF_-_234674	234674	234706	-	6	33	TTG	TAA	0	0	
mORF_-_234707	234707	234730	-	6	24	ATG	TGA	0	0	
mORF_-_234731	234731	234757	-	6	27	TTG	TGA	0	0	
mORF_-_234786	234786	234947	-	4	162	ATG	TAA	0	0	
mORF_-_234793	234793	234828	-	5	36	TTG	TGA	0	0	
mORF_-_234887	234887	234928	-	6	42	GTG	TAA	0	0	
mORF_-_234944	234944	234982	-	6	39	TTG	TGA	0	0	
mORF_-_234966	234966	235064	-	4	99	ATG	TAA	0	0	
mORF_-_234979	234979	235113	-	5	135	ATG	TGA	0	0	
mORF_-_235061	235061	235249	-	6	189	TTG	TGA	0	0	
mORF_-_235098	235098	235136	-	4	39	ATG	TAG	0	0	

mORF_-_235259	235259	235510	-	6	252	GTG	TAG	0	0	
mORF_-_235326	235326	235367	-	4	42	GTG	TAG	0	0	
mORF_-_235377	235377	235391	-	4	15	ATG	TAG	0	0	
mORF_-_235410	235410	235415	-	4	6	TTG	TAA	0	0	
mORF_-_235438	235438	235545	-	5	108	TTG	TAG	0	0	
mORF_-_235452	235452	235517	-	4	66	TTG	TAG	0	0	
mORF_-_235535	235535	236113	-	6	579	GTG	TAA	1	2	pORF_-_235535
mORF_-_235576	235576	235704	-	5	129	ATG	TGA	0	0	
mORF_-_235638	235638	235652	-	4	15	ATG	TAA	0	0	
mORF_-_235708	235708	235785	-	5	78	ATG	TAA	0	0	
mORF_-_235752	235752	235817	-	4	66	TTG	TAA	0	0	
mORF_-_235825	235825	235845	-	5	21	TTG	TAA	0	0	
mORF_-_235855	235855	235974	-	5	120	ATG	TGA	0	0	
mORF_-_235896	235896	235967	-	4	72	GTG	TAG	0	0	
mORF_-_235987	235987	236055	-	5	69	ATG	TAG	0	0	
mORF_-_235995	235995	236360	-	4	366	ATG	TAA	0	0	
mORF_-_236065	236065	236079	-	5	15	TTG	TAG	0	0	
mORF_-_236080	236080	236085	-	5	6	GTG	TAA	0	0	
mORF_-_236138	236138	236203	-	6	66	TTG	TAG	0	0	
mORF_-_236216	236216	236326	-	6	111	ATG	TAA	0	0	
mORF_-_236390	236390	236494	-	6	105	TTG	TAG	0	0	
mORF_-_236446	236446	236796	-	5	351	ATG	TGA	0	0	
mORF_-_236508	236508	236552	-	4	45	GTG	TAA	0	0	
mORF_-_236559	236559	236657	-	4	99	TTG	TAA	0	0	
mORF_-_236672	236672	236680	-	6	9	ATG	TGA	0	0	
mORF_-_236700	236700	237008	-	4	309	GTG	TAA	0	0	
mORF_-_236738	236738	236917	-	6	180	TTG	TGA	0	0	
mORF_-_236854	236854	236925	-	5	72	GTG	TGA	0	0	
mORF_-_236950	236950	237015	-	5	66	GTG	TAA	0	0	
mORF_-_237008	237008	237097	-	6	90	TTG	TAG	0	0	
mORF_-_237030	237030	237143	-	4	114	ATG	TGA	0	0	
mORF_-_237103	237103	237147	-	5	45	ATG	TAA	0	0	
mORF_-_237140	237140	237289	-	6	150	TTG	TGA	0	0	
mORF_-_237154	237154	237174	-	5	21	ATG	TGA	0	0	
mORF_-_237214	237214	237234	-	5	21	TTG	TAA	0	0	
mORF_-_237273	237273	237332	-	4	60	TTG	TAA	0	0	
mORF_-_237301	237301	237360	-	5	60	ATG	TAG	0	0	
mORF_-_237333	237333	237344	-	4	12	TTG	TAA	0	0	
mORF_-_237368	237368	237472	-	6	105	TTG	TAA	0	0	
mORF_-_237430	237430	237507	-	5	78	GTG	TGA	0	0	
mORF_-_237435	237435	237440	-	4	6	GTG	TGA	0	0	
mORF_-_237488	237488	237796	-	6	309	ATG	TAA	0	0	
mORF_-_237570	237570	237611	-	4	42	GTG	TAA	0	0	
mORF_-_237592	237592	237621	-	5	30	ATG	TGA	0	0	
mORF_-_237621	237621	237788	-	4	168	TTG	TAA	0	0	
mORF_-_237646	237646	237711	-	5	66	TTG	TAA	0	0	
mORF_-_237807	237807	237863	-	4	57	TTG	TAA	0	0	
mORF_-_237860	237860	238216	-	6	357	ATG	TGA	0	0	
mORF_-_237877	237877	237897	-	5	21	GTG	TAG	0	0	
mORF_-_237916	237916	237933	-	5	18	GTG	TAG	0	0	
mORF_-_237930	237930	237950	-	4	21	TTG	TGA	0	0	
mORF_-_237963	237963	238007	-	4	45	ATG	TAG	0	0	
mORF_-_237982	237982	238059	-	5	78	ATG	TAA	0	0	
mORF_-_238114	238114	238206	-	5	93	TTG	TGA	0	0	
mORF_-_238253	238253	238297	-	6	45	ATG	TAA	0	0	
mORF_-_238257	238257	238736	-	4	480	ATG	TAA	0	0	
mORF_-_238300	238300	238305	-	5	6	ATG	TAA	0	0	
mORF_-_238307	238307	238396	-	6	90	TTG	TGA	0	0	
mORF_-_238372	238372	238590	-	5	219	TTG	TAA	0	0	
mORF_-_238529	238529	238534	-	6	6	ATG	TAA	0	0	
mORF_-_238577	238577	238594	-	6	18	ATG	TGA	0	0	
mORF_-_238591	238591	238614	-	5	24	ATG	TGA	0	0	
mORF_-_238619	238619	238663	-	6	45	ATG	TAA	0	0	

mORF_-_238715	238715	238726	-	6	12	ATG	TAA	0	0	
mORF_-_238720	238720	238749	-	5	30	ATG	TAA	0	0	
mORF_-_238746	238746	239084	-	4	339	ATG	TGA	0	0	
mORF_-_238751	238751	238774	-	6	24	ATG	TGA	0	0	
mORF_-_238765	238765	238806	-	5	42	ATG	TAA	0	0	
mORF_-_238787	238787	238813	-	6	27	TTG	TGA	0	0	
mORF_-_238829	238829	238849	-	6	21	ATG	TAA	0	0	
mORF_-_238840	238840	238875	-	5	36	ATG	TAG	0	0	
mORF_-_238853	238853	238891	-	6	39	ATG	TAA	0	0	
mORF_-_238888	238888	238908	-	5	21	GTG	TGA	0	0	
mORF_-_238892	238892	238900	-	6	9	TTG	TAA	0	0	
mORF_-_238919	238919	238942	-	6	24	TTG	TGA	0	0	
mORF_-_238946	238946	239011	-	6	66	GTG	TAA	0	0	
mORF_-_239015	239015	239053	-	6	39	TTG	TAG	0	0	
mORF_-_239059	239059	239136	-	5	78	TTG	TAA	0	0	
mORF_-_239093	239093	239131	-	6	39	GTG	TAG	0	0	
mORF_-_239109	239109	239171	-	4	63	GTG	TAA	0	0	
mORF_-_239204	239204	239329	-	6	126	ATG	TAG	0	0	
mORF_-_239241	239241	239255	-	4	15	GTG	TGA	0	0	
mORF_-_239290	239290	239418	-	5	129	GTG	TGA	0	0	
mORF_-_239349	239349	239507	-	4	159	TTG	TGA	0	0	
mORF_-_239402	239402	239425	-	6	24	GTG	TAA	0	0	
mORF_-_239419	239419	240198	-	5	780	TTG	TGA	5	14	pORF_-_239419
mORF_-_239435	239435	239452	-	6	18	ATG	TGA	0	0	
mORF_-_239562	239562	239645	-	4	84	TTG	TGA	0	0	
mORF_-_239573	239573	239620	-	6	48	ATG	TGA	0	0	
mORF_-_239658	239658	239807	-	4	150	TTG	TGA	0	0	
mORF_-_239720	239720	239800	-	6	81	ATG	TGA	0	0	
mORF_-_239808	239808	239960	-	4	153	TTG	TGA	0	0	
mORF_-_239918	239918	239974	-	6	57	GTG	TAA	0	0	
mORF_-_239961	239961	239969	-	4	9	ATG	TGA	0	0	
mORF_-_240003	240003	240011	-	4	9	ATG	TAG	0	0	
mORF_-_240018	240018	240047	-	4	30	TTG	TAG	0	0	
mORF_-_240078	240078	240140	-	4	63	ATG	TGA	0	0	
mORF_-_240113	240113	240148	-	6	36	GTG	TGA	0	0	
mORF_-_240218	240218	240304	-	6	87	TTG	TAA	0	0	
mORF_-_240327	240327	240473	-	4	147	TTG	TAA	0	0	
mORF_-_240374	240374	240382	-	6	9	TTG	TAA	0	0	
mORF_-_240404	240404	240421	-	6	18	TTG	TGA	0	0	
mORF_-_240436	240436	240792	-	5	357	ATG	TAA	0	0	
mORF_-_240443	240443	240481	-	6	39	ATG	TAA	0	0	
mORF_-_240482	240482	240550	-	6	69	GTG	TAA	0	0	
mORF_-_240579	240579	240599	-	4	21	TTG	TGA	0	0	
mORF_-_240654	240654	240710	-	4	57	GTG	TGA	0	0	
mORF_-_240817	240817	240858	-	5	42	ATG	TAA	0	0	
mORF_-_240855	240855	240872	-	4	18	TTG	TGA	0	0	
mORF_-_240859	240859	243381	-	5	2523	TTG	TAA	40	428	pORF_-_240859
mORF_-_240897	240897	240938	-	4	42	TTG	TAA	0	0	
mORF_-_240972	240972	241001	-	4	30	TTG	TGA	0	0	
mORF_-_241011	241011	241106	-	4	96	TTG	TGA	0	0	
mORF_-_241107	241107	241139	-	4	33	TTG	TGA	0	0	
mORF_-_241161	241161	241181	-	4	21	TTG	TGA	0	0	
mORF_-_241278	241278	241286	-	4	9	ATG	TGA	0	0	
mORF_-_241287	241287	241421	-	4	135	ATG	TGA	0	0	
mORF_-_241500	241500	241532	-	4	33	ATG	TGA	0	0	
mORF_-_241566	241566	241595	-	4	30	ATG	TGA	0	0	
mORF_-_241629	241629	241715	-	4	87	ATG	TGA	0	0	
mORF_-_241712	241712	241759	-	6	48	TTG	TGA	0	0	
mORF_-_241797	241797	241913	-	4	117	TTG	TGA	0	0	
mORF_-_242004	242004	242021	-	4	18	ATG	TGA	0	0	
mORF_-_242025	242025	242117	-	4	93	ATG	TGA	0	0	
mORF_-_242078	242078	242200	-	6	123	GTG	TAA	0	0	
mORF_-_242187	242187	242273	-	4	87	ATG	TAG	0	0	

mORF_-_242310	242310	242333	-	4	24	TTG	TGA	0	0
mORF_-_242361	242361	242369	-	4	9	GTG	TGA	0	0
mORF_-_242379	242379	242450	-	4	72	TTG	TAG	0	0
mORF_-_242423	242423	242518	-	6	96	ATG	TAA	0	0
mORF_-_242484	242484	242561	-	4	78	ATG	TGA	0	0
mORF_-_242583	242583	242612	-	4	30	GTG	TGA	0	0
mORF_-_242724	242724	242762	-	4	39	ATG	TGA	0	0
mORF_-_242802	242802	242885	-	4	84	ATG	TGA	0	0
mORF_-_242825	242825	242839	-	6	15	GTG	TAA	0	0
mORF_-_242943	242943	243032	-	4	90	TTG	TGA	0	0
mORF_-_242963	242963	243013	-	6	51	GTG	TAA	0	0
mORF_-_243102	243102	243188	-	4	87	TTG	TGA	0	0
mORF_-_243128	243128	243178	-	6	51	GTG	TAA	0	0
mORF_-_243240	243240	243275	-	4	36	TTG	TGA	0	0
mORF_-_243300	243300	243374	-	4	75	ATG	TGA	0	0
mORF_-_243387	243387	243413	-	4	27	GTG	TAA	0	0
mORF_-_243398	243398	243406	-	6	9	TTG	TAA	0	0
mORF_-_243410	243410	243436	-	6	27	GTG	TGA	0	0
mORF_-_243438	243438	243503	-	4	66	GTG	TGA	0	0
mORF_-_243443	243443	243619	-	6	177	TTG	TGA	0	0
mORF_-_243457	243457	243465	-	5	9	GTG	TGA	0	0
mORF_-_243517	243517	243522	-	5	6	ATG	TAA	0	0
mORF_-_243603	243603	243626	-	4	24	GTG	TAA	0	0
mORF_-_243623	243623	243631	-	6	9	ATG	TGA	0	0
mORF_-_243632	243632	243697	-	6	66	TTG	TGA	0	0
mORF_-_243651	243651	244157	-	4	507	ATG	TAA	0	0
mORF_-_243800	243800	243835	-	6	36	TTG	TGA	0	0
mORF_-_243832	243832	243918	-	5	87	TTG	TGA	0	0
mORF_-_243851	243851	244006	-	6	156	GTG	TAG	0	0
mORF_-_244040	244040	244054	-	6	15	ATG	TAA	0	0
mORF_-_244064	244064	244258	-	6	195	ATG	TGA	0	0
mORF_-_244147	244147	244251	-	5	105	GTG	TAA	0	0
mORF_-_244209	244209	244214	-	4	6	TTG	TAG	0	0
mORF_-_244248	244248	244439	-	4	192	ATG	TGA	0	0
mORF_-_244274	244274	244282	-	6	9	TTG	TAA	0	0
mORF_-_244279	244279	244299	-	5	21	ATG	TGA	0	0
mORF_-_244321	244321	244602	-	5	282	GTG	TAA	0	0
mORF_-_244382	244382	244420	-	6	39	GTG	TGA	0	0
mORF_-_244439	244439	244471	-	6	33	ATG	TAA	0	0
mORF_-_244446	244446	244511	-	4	66	TTG	TAA	0	0
mORF_-_244472	244472	244483	-	6	12	GTG	TAA	0	0
mORF_-_244568	244568	244606	-	6	39	ATG	TAG	0	0
mORF_-_244607	244607	244771	-	6	165	GTG	TAA	0	0
mORF_-_244618	244618	244656	-	5	39	TTG	TAA	0	0
mORF_-_244665	244665	244688	-	4	24	TTG	TAG	0	0
mORF_-_244672	244672	244743	-	5	72	ATG	TGA	0	0
mORF_-_244758	244758	244847	-	4	90	ATG	TAA	0	0
mORF_-_244793	244793	244810	-	6	18	GTG	TAA	0	0
mORF_-_244866	244866	244907	-	4	42	GTG	TAG	0	0
mORF_-_244894	244894	245040	-	5	147	TTG	TAA	0	0
mORF_-_244904	244904	244933	-	6	30	TTG	TGA	0	0
mORF_-_244944	244944	245114	-	4	171	TTG	TGA	0	0
mORF_-_244964	244964	244981	-	6	18	GTG	TGA	0	0
mORF_-_244994	244994	245011	-	6	18	GTG	TGA	0	0
mORF_-_245065	245065	245805	-	5	741	ATG	TAA	0	0
mORF_-_245124	245124	245192	-	4	69	TTG	TAA	0	0
mORF_-_245292	245292	245354	-	4	63	TTG	TGA	0	0
mORF_-_245351	245351	245395	-	6	45	TTG	TGA	0	0
mORF_-_245367	245367	245393	-	4	27	GTG	TGA	0	0
mORF_-_245409	245409	245462	-	4	54	TTG	TGA	0	0
mORF_-_245712	245712	245753	-	4	42	TTG	TGA	0	0
mORF_-_245729	245729	245764	-	6	36	GTG	TAG	0	0
mORF_-_245769	245769	245783	-	4	15	TTG	TGA	0	0

mORF_-_245811	245811	245837	-	4	27	GTG	TAA	0	0	
mORF_-_245830	245830	245892	-	5	63	GTG	TAA	0	0	
mORF_-_245889	245889	245948	-	4	60	ATG	TGA	0	0	
mORF_-_245936	245936	245941	-	6	6	TTG	TAA	0	0	
mORF_-_245945	245945	245998	-	6	54	TTG	TGA	0	0	
mORF_-_245961	245961	246239	-	4	279	ATG	TAA	0	0	
mORF_-_246010	246010	246075	-	5	66	ATG	TAA	0	0	
mORF_-_246029	246029	246058	-	6	30	ATG	TGA	0	0	
mORF_-_246161	246161	246187	-	6	27	TTG	TGA	0	0	
mORF_-_246191	246191	246223	-	6	33	TTG	TAA	0	0	
mORF_-_246242	246242	246502	-	6	261	ATG	TAA	7	65	pORF_-_246242
mORF_-_246250	246250	246297	-	5	48	TTG	TAG	0	0	
mORF_-_246331	246331	246375	-	5	45	GTG	TAA	0	0	
mORF_-_246457	246457	246573	-	5	117	ATG	TGA	0	0	
mORF_-_246531	246531	246551	-	4	21	TTG	TGA	0	0	
mORF_-_246548	246548	246568	-	6	21	TTG	TGA	0	0	
mORF_-_246598	246598	246603	-	5	6	ATG	TAA	0	0	
mORF_-_246630	246630	246797	-	4	168	GTG	TAA	0	0	
mORF_-_246656	246656	246802	-	6	147	GTG	TGA	0	0	
mORF_-_246685	246685	246693	-	5	9	ATG	TAA	0	0	
mORF_-_246799	246799	246840	-	5	42	TTG	TGA	0	0	
mORF_-_246856	246856	246876	-	5	21	ATG	TAA	0	0	
mORF_-_246894	246894	247064	-	4	171	ATG	TAG	0	0	
mORF_-_246931	246931	247035	-	5	105	GTG	TAG	0	0	
mORF_-_247039	247039	247344	-	5	306	TTG	TAA	0	0	
mORF_-_247080	247080	247106	-	4	27	TTG	TGA	0	0	
mORF_-_247173	247173	247214	-	4	42	TTG	TAG	0	0	
mORF_-_247193	247193	247240	-	6	48	TTG	TAG	0	0	
mORF_-_247227	247227	247256	-	4	30	TTG	TAG	0	0	
mORF_-_247314	247314	247376	-	4	63	ATG	TGA	0	0	
mORF_-_247346	247346	247486	-	6	141	ATG	TAA	0	0	
mORF_-_247390	247390	247596	-	5	207	TTG	TAA	0	0	
mORF_-_247476	247476	247535	-	4	60	ATG	TAA	0	0	
mORF_-_247612	247612	247638	-	5	27	ATG	TAA	0	0	
mORF_-_247657	247657	247725	-	5	69	GTG	TAA	0	0	
mORF_-_247662	247662	247676	-	4	15	ATG	TGA	0	0	
mORF_-_247694	247694	247819	-	6	126	GTG	TAA	0	0	
mORF_-_247744	247744	247956	-	5	213	TTG	TGA	0	0	
mORF_-_247785	247785	247832	-	4	48	ATG	TGA	0	0	
mORF_-_247832	247832	248020	-	6	189	TTG	TAA	0	0	
mORF_-_247887	247887	248042	-	4	156	TTG	TAA	0	0	
mORF_-_247984	247984	248127	-	5	144	ATG	TAA	0	0	
mORF_-_248039	248039	248050	-	6	12	ATG	TGA	0	0	
mORF_-_248124	248124	248132	-	4	9	ATG	TGA	0	0	
mORF_-_248129	248129	248347	-	6	219	TTG	TGA	0	0	
mORF_-_248160	248160	248228	-	4	69	ATG	TAG	0	0	
mORF_-_248179	248179	248184	-	5	6	TTG	TAG	0	0	
mORF_-_248236	248236	248322	-	5	87	GTG	TAA	0	0	
mORF_-_248280	248280	248285	-	4	6	TTG	TAG	0	0	
mORF_-_248358	248358	250097	-	4	1740	ATG	TAA	0	0	
mORF_-_248381	248381	248449	-	6	69	ATG	TGA	0	0	
mORF_-_248630	248630	248650	-	6	21	ATG	TGA	0	0	
mORF_-_248669	248669	248728	-	6	60	ATG	TGA	0	0	
mORF_-_248873	248873	248971	-	6	99	TTG	TGA	0	0	
mORF_-_248978	248978	248983	-	6	6	ATG	TAA	0	0	
mORF_-_249029	249029	249109	-	6	81	TTG	TGA	0	0	
mORF_-_249143	249143	249172	-	6	30	ATG	TGA	0	0	
mORF_-_249313	249313	249396	-	5	84	TTG	TAA	0	0	
mORF_-_249485	249485	249631	-	6	147	ATG	TGA	0	0	
mORF_-_249734	249734	249760	-	6	27	ATG	TGA	0	0	
mORF_-_249827	249827	249907	-	6	81	ATG	TGA	0	0	
mORF_-_249941	249941	249967	-	6	27	TTG	TGA	0	0	
mORF_-_249964	249964	250113	-	5	150	GTG	TGA	0	0	

mORF_-_249995	249995	250051	-	6	57	TTG	TAG	0	0
mORF_-_250150	250150	250323	-	5	174	ATG	TAA	0	0
mORF_-_250160	250160	250291	-	6	132	TTG	TGA	0	0
mORF_-_250170	250170	250397	-	4	228	TTG	TGA	0	0
mORF_-_250363	250363	250911	-	5	549	ATG	TAA	0	0
mORF_-_250496	250496	250636	-	6	141	TTG	TAA	0	0
mORF_-_250521	250521	250532	-	4	12	TTG	TAG	0	0
mORF_-_250536	250536	250715	-	4	180	TTG	TAG	0	0
mORF_-_250700	250700	250846	-	6	147	ATG	TAA	0	0
mORF_-_250839	250839	250853	-	4	15	TTG	TAA	0	0
mORF_-_250850	250850	250915	-	6	66	ATG	TGA	0	0
mORF_-_250875	250875	250898	-	4	24	TTG	TAA	0	0
mORF_-_250912	250912	251031	-	5	120	TTG	TGA	0	0
mORF_-_251032	251032	251106	-	5	75	GTG	TAA	0	0
mORF_-_251085	251085	251099	-	4	15	GTG	TGA	0	0
mORF_-_251090	251090	251101	-	6	12	ATG	TAA	0	0
mORF_-_251103	251103	251201	-	4	99	GTG	TGA	0	0
mORF_-_251131	251131	251136	-	5	6	TTG	TAG	0	0
mORF_-_251144	251144	251152	-	6	9	ATG	TGA	0	0
mORF_-_251173	251173	251187	-	5	15	ATG	TAG	0	0
mORF_-_251198	251198	251302	-	6	105	TTG	TGA	0	0
mORF_-_251212	251212	251559	-	5	348	ATG	TAA	0	0
mORF_-_251259	251259	251285	-	4	27	TTG	TGA	0	0
mORF_-_251289	251289	251327	-	4	39	GTG	TGA	0	0
mORF_-_251388	251388	251468	-	4	81	TTG	TAA	0	0
mORF_-_251414	251414	251419	-	6	6	TTG	TAA	0	0
mORF_-_251459	251459	251662	-	6	204	GTG	TGA	0	0
mORF_-_251575	251575	251640	-	5	66	GTG	TGA	0	0
mORF_-_251682	251682	251984	-	4	303	ATG	TAA	0	0
mORF_-_251765	251765	251803	-	6	39	GTG	TAA	0	0
mORF_-_251782	251782	251841	-	5	60	GTG	TGA	0	0
mORF_-_251831	251831	251935	-	6	105	TTG	TAG	0	0
mORF_-_251987	251987	252010	-	6	24	ATG	TAA	0	0
mORF_-_251998	251998	252042	-	5	45	GTG	TGA	0	0
mORF_-_252047	252047	252082	-	6	36	TTG	TAA	0	0
mORF_-_252079	252079	252336	-	5	258	TTG	TGA	0	0
mORF_-_252099	252099	252218	-	4	120	TTG	TAG	0	0
mORF_-_252149	252149	252172	-	6	24	TTG	TAA	0	0
mORF_-_252221	252221	252250	-	6	30	TTG	TAA	0	0
mORF_-_252231	252231	252236	-	4	6	GTG	TAA	0	0
mORF_-_252288	252288	252314	-	4	27	TTG	TAA	0	0
mORF_-_252311	252311	252319	-	6	9	TTG	TGA	0	0
mORF_-_252374	252374	252427	-	6	54	GTG	TAA	0	0
mORF_-_252429	252429	252461	-	4	33	TTG	TAG	0	0
mORF_-_252443	252443	252454	-	6	12	ATG	TAA	0	0
mORF_-_252454	252454	252756	-	5	303	TTG	TAA	0	0
mORF_-_252458	252458	252517	-	6	60	GTG	TGA	0	0
mORF_-_252530	252530	252592	-	6	63	ATG	TGA	0	0
mORF_-_252567	252567	252608	-	4	42	ATG	TGA	0	0
mORF_-_252624	252624	252689	-	4	66	ATG	TGA	0	0
mORF_-_252702	252702	252719	-	4	18	ATG	TAA	0	0
mORF_-_252750	252750	252773	-	4	24	ATG	TGA	0	0
mORF_-_252757	252757	252804	-	5	48	ATG	TAG	0	0
mORF_-_252782	252782	252877	-	6	96	GTG	TAA	0	0
mORF_-_252804	252804	252929	-	4	126	ATG	TAA	0	0
mORF_-_252808	252808	252819	-	5	12	TTG	TGA	0	0
mORF_-_252874	252874	252936	-	5	63	ATG	TGA	0	0
mORF_-_252896	252896	252904	-	6	9	GTG	TAA	0	0
mORF_-_252936	252936	253046	-	4	111	ATG	TAA	0	0
mORF_-_252997	252997	253227	-	5	231	TTG	TAA	0	0
mORF_-_253028	253028	253054	-	6	27	TTG	TAA	0	0
mORF_-_253127	253127	253240	-	6	114	ATG	TAG	0	0
mORF_-_253158	253158	253220	-	4	63	TTG	TAA	0	0

mORF_-_253237	253237	253257	-	5	21	TTG	TGA	0	0	
mORF_-_253254	253254	253445	-	4	192	TTG	TGA	0	0	
mORF_-_253283	253283	253594	-	6	312	ATG	TAA	0	0	
mORF_-_253396	253396	253401	-	5	6	ATG	TAA	0	0	
mORF_-_253516	253516	253686	-	5	171	TTG	TAA	0	0	
mORF_-_253551	253551	253565	-	4	15	TTG	TAA	0	0	
mORF_-_253566	253566	253571	-	4	6	GTG	TAA	0	0	
mORF_-_253620	253620	253625	-	4	6	GTG	TAA	0	0	
mORF_-_253676	253676	253783	-	6	108	ATG	TAA	0	0	
mORF_-_253725	253725	253805	-	4	81	GTG	TAG	0	0	
mORF_-_253783	253783	253992	-	5	210	ATG	TAA	0	0	
mORF_-_253842	253842	253871	-	4	30	ATG	TGA	0	0	
mORF_-_253880	253880	253912	-	6	33	TTG	TAA	0	0	
mORF_-_253950	253950	253988	-	4	39	GTG	TGA	0	0	
mORF_-_253958	253958	253999	-	6	42	ATG	TGA	0	0	
mORF_-_254023	254023	254142	-	5	120	GTG	TGA	0	0	
mORF_-_254034	254034	254048	-	4	15	TTG	TGA	0	0	
mORF_-_254042	254042	254173	-	6	132	ATG	TAG	0	0	
mORF_-_254139	254139	254159	-	4	21	TTG	TGA	0	0	
mORF_-_254189	254189	254254	-	6	66	TTG	TAA	0	0	
mORF_-_254229	254229	254249	-	4	21	TTG	TAA	0	0	
mORF_-_254259	254259	255716	-	4	1458	GTG	TAA	77	995	pORF_-_254259
mORF_-_254312	254312	254482	-	6	171	GTG	TAG	0	0	
mORF_-_254335	254335	254418	-	5	84	ATG	TGA	0	0	
mORF_-_254663	254663	254671	-	6	9	GTG	TGA	0	0	
mORF_-_254678	254678	254698	-	6	21	GTG	TGA	0	0	
mORF_-_254705	254705	254710	-	6	6	ATG	TAG	0	0	
mORF_-_254723	254723	254728	-	6	6	GTG	TGA	0	0	
mORF_-_254744	254744	254779	-	6	36	TTG	TGA	0	0	
mORF_-_254888	254888	255052	-	6	165	TTG	TGA	0	0	
mORF_-_255098	255098	255136	-	6	39	GTG	TAA	0	0	
mORF_-_255133	255133	255180	-	5	48	TTG	TGA	0	0	
mORF_-_255140	255140	255196	-	6	57	GTG	TAG	0	0	
mORF_-_255221	255221	255265	-	6	45	GTG	TGA	0	0	
mORF_-_255293	255293	255451	-	6	159	ATG	TGA	0	0	
mORF_-_255400	255400	255408	-	5	9	ATG	TAA	0	0	
mORF_-_255556	255556	255603	-	5	48	TTG	TAA	0	0	
mORF_-_255560	255560	255670	-	6	111	TTG	TAG	0	0	
mORF_-_255631	255631	255681	-	5	51	GTG	TGA	0	0	
mORF_-_255718	255718	255789	-	5	72	GTG	TAA	0	0	
mORF_-_255783	255783	255872	-	4	90	ATG	TGA	0	0	
mORF_-_255869	255869	256060	-	6	192	TTG	TGA	0	0	
mORF_-_255904	255904	255939	-	5	36	GTG	TAG	0	0	
mORF_-_255921	255921	255971	-	4	51	GTG	TAG	0	0	
mORF_-_255973	255973	256071	-	5	99	ATG	TGA	0	0	
mORF_-_255996	255996	256037	-	4	42	TTG	TGA	0	0	
mORF_-_256109	256109	256561	-	6	453	TTG	TAA	0	0	
mORF_-_256168	256168	256311	-	5	144	ATG	TGA	0	0	
mORF_-_256233	256233	256292	-	4	60	TTG	TAA	0	0	
mORF_-_256305	256305	256454	-	4	150	GTG	TGA	0	0	
mORF_-_256441	256441	256539	-	5	99	TTG	TGA	0	0	
mORF_-_256488	256488	256577	-	4	90	ATG	TAA	0	0	
mORF_-_256593	256593	256664	-	4	72	GTG	TAG	0	0	
mORF_-_256606	256606	256620	-	5	15	GTG	TAA	0	0	
mORF_-_256610	256610	256657	-	6	48	ATG	TGA	0	0	
mORF_-_256661	256661	256708	-	6	48	ATG	TGA	0	0	
mORF_-_256678	256678	256740	-	5	63	GTG	TAA	0	0	
mORF_-_256779	256779	256970	-	4	192	TTG	TAA	0	0	
mORF_-_256799	256799	256813	-	6	15	TTG	TAG	0	0	
mORF_-_256820	256820	256834	-	6	15	GTG	TAA	0	0	
mORF_-_256895	256895	256927	-	6	33	ATG	TGA	0	0	
mORF_-_256912	256912	256986	-	5	75	TTG	TAG	0	0	
mORF_-_257009	257009	257071	-	6	63	GTG	TGA	0	0	

mORF_-_257016	257016	257084	-	4	69	ATG	TAG	0	0	
mORF_-_257174	257174	257251	-	6	78	GTG	TAA	0	0	
mORF_-_257206	257206	257238	-	5	33	TTG	TAG	0	0	
mORF_-_257235	257235	257279	-	4	45	GTG	TGA	0	0	
mORF_-_257283	257283	257510	-	4	228	ATG	TAA	0	0	
mORF_-_257315	257315	257320	-	6	6	GTG	TGA	0	0	
mORF_-_257353	257353	257376	-	5	24	ATG	TAG	0	0	
mORF_-_257446	257446	257598	-	5	153	TTG	TAA	0	0	
mORF_-_257556	257556	257567	-	4	12	TTG	TAA	0	0	
mORF_-_257609	257609	257725	-	6	117	TTG	TAG	0	0	
mORF_-_257629	257629	257649	-	5	21	GTG	TGA	0	0	
mORF_-_257656	257656	257697	-	5	42	ATG	TGA	0	0	
mORF_-_257685	257685	257792	-	4	108	TTG	TAA	0	0	
mORF_-_257732	257732	257743	-	6	12	GTG	TGA	0	0	
mORF_-_257768	257768	257956	-	6	189	TTG	TAA	0	0	
mORF_-_257779	257779	257829	-	5	51	TTG	TAG	0	0	
mORF_-_257811	257811	257816	-	4	6	TTG	TGA	0	0	
mORF_-_257835	257835	257849	-	4	15	GTG	TAA	0	0	
mORF_-_257875	257875	257883	-	5	9	GTG	TAA	0	0	
mORF_-_257883	257883	258140	-	4	258	GTG	TAG	0	0	
mORF_-_257953	257953	257970	-	5	18	GTG	TGA	0	0	
mORF_-_258038	258038	258124	-	6	87	GTG	TAA	0	0	
mORF_-_258137	258137	258262	-	6	126	TTG	TGA	0	0	
mORF_-_258219	258219	258269	-	4	51	ATG	TAA	0	0	
mORF_-_258250	258250	258255	-	5	6	ATG	TGA	0	0	
mORF_-_258269	258269	259330	-	6	1062	ATG	TAA	16	40	pORF_-_258269
mORF_-_258283	258283	258309	-	5	27	ATG	TGA	0	0	
mORF_-_258319	258319	258543	-	5	225	TTG	TGA	0	0	
mORF_-_258562	258562	258612	-	5	51	ATG	TGA	0	0	
mORF_-_258603	258603	258635	-	4	33	ATG	TAA	0	0	
mORF_-_258619	258619	258741	-	5	123	ATG	TGA	0	0	
mORF_-_258745	258745	258765	-	5	21	ATG	TGA	0	0	
mORF_-_258826	258826	258834	-	5	9	ATG	TGA	0	0	
mORF_-_258892	258892	258990	-	5	99	ATG	TGA	0	0	
mORF_-_259018	259018	259104	-	5	87	ATG	TGA	0	0	
mORF_-_259074	259074	259097	-	4	24	TTG	TAA	0	0	
mORF_-_259111	259111	259191	-	5	81	GTG	TGA	0	0	
mORF_-_259192	259192	259287	-	5	96	TTG	TGA	0	0	
mORF_-_259393	259393	259545	-	5	153	TTG	TAA	0	0	
mORF_-_259418	259418	259513	-	6	96	TTG	TAA	0	0	
mORF_-_259455	259455	259481	-	4	27	TTG	TAA	0	0	
mORF_-_259488	259488	259649	-	4	162	GTG	TAG	0	0	
mORF_-_259657	259657	259692	-	5	36	ATG	TAG	0	0	
mORF_-_259723	259723	260124	-	5	402	TTG	TAA	0	0	
mORF_-_259794	259794	259817	-	4	24	ATG	TAA	0	0	
mORF_-_259890	259890	259898	-	4	9	ATG	TAA	0	0	
mORF_-_259899	259899	260012	-	4	114	TTG	TGA	0	0	
mORF_-_260121	260121	260156	-	4	36	TTG	TGA	0	0	
mORF_-_260174	260174	260203	-	6	30	GTG	TAA	0	0	
mORF_-_260184	260184	260561	-	4	378	TTG	TAA	0	0	
mORF_-_260230	260230	260586	-	5	357	GTG	TGA	0	0	
mORF_-_260444	260444	260464	-	6	21	TTG	TGA	0	0	
mORF_-_260591	260591	260656	-	6	66	TTG	TGA	0	0	
mORF_-_260598	260598	260603	-	4	6	TTG	TAA	0	0	
mORF_-_260614	260614	260838	-	5	225	GTG	TAA	0	0	
mORF_-_260688	260688	260702	-	4	15	ATG	TGA	0	0	
mORF_-_260705	260705	260953	-	6	249	ATG	TAA	0	0	
mORF_-_260712	260712	260759	-	4	48	TTG	TAA	0	0	
mORF_-_260772	260772	260840	-	4	69	TTG	TAA	0	0	
mORF_-_260899	260899	260940	-	5	42	GTG	TAA	0	0	
mORF_-_260969	260969	260980	-	6	12	TTG	TGA	0	0	
mORF_-_261080	261080	261178	-	6	99	GTG	TAA	0	0	
mORF_-_261178	261178	261189	-	5	12	TTG	TAG	0	0	

mORF_-_261203	261203	261382	-	6	180	GTG	TGA	0	0	
mORF_-_261228	261228	261404	-	4	177	ATG	TAA	0	0	
mORF_-_261277	261277	261369	-	5	93	TTG	TGA	0	0	
mORF_-_261379	261379	261441	-	5	63	ATG	TGA	0	0	
mORF_-_261407	261407	261457	-	6	51	TTG	TAA	0	0	
mORF_-_261454	261454	261597	-	5	144	GTG	TGA	0	0	
mORF_-_261467	261467	261778	-	6	312	TTG	TGA	0	0	
mORF_-_261543	261543	261554	-	4	12	TTG	TAA	0	0	
mORF_-_261576	261576	261581	-	4	6	GTG	TAA	0	0	
mORF_-_261637	261637	261672	-	5	36	ATG	TAA	0	0	
mORF_-_261672	261672	262061	-	4	390	GTG	TAA	0	0	
mORF_-_261694	261694	261741	-	5	48	GTG	TGA	0	0	
mORF_-_261818	261818	261937	-	6	120	GTG	TAA	0	0	
mORF_-_261841	261841	261999	-	5	159	TTG	TAA	0	0	
mORF_-_261938	261938	261955	-	6	18	ATG	TAA	0	0	
mORF_-_261962	261962	262018	-	6	57	GTG	TAA	0	0	
mORF_-_262015	262015	262026	-	5	12	ATG	TGA	0	0	
mORF_-_262048	262048	262083	-	5	36	ATG	TAA	0	0	
mORF_-_262106	262106	262258	-	6	153	TTG	TGA	0	0	
mORF_-_262177	262177	262203	-	5	27	ATG	TGA	0	0	
mORF_-_262200	262200	262214	-	4	15	TTG	TGA	0	0	
mORF_-_262224	262224	262268	-	4	45	TTG	TAA	0	0	
mORF_-_262255	262255	262317	-	5	63	ATG	TGA	0	0	
mORF_-_262271	262271	262285	-	6	15	TTG	TAA	0	0	
mORF_-_262275	262275	262310	-	4	36	GTG	TAG	0	0	
mORF_-_262332	262332	262436	-	4	105	ATG	TAA	0	0	
mORF_-_262355	262355	262378	-	6	24	TTG	TAA	0	0	
mORF_-_262375	262375	262392	-	5	18	TTG	TGA	0	0	
mORF_-_262394	262394	262402	-	6	9	ATG	TAA	0	0	
mORF_-_262412	262412	262495	-	6	84	TTG	TAA	0	0	
mORF_-_262420	262420	262548	-	5	129	TTG	TGA	0	0	
mORF_-_262517	262517	262555	-	6	39	ATG	TGA	0	0	
mORF_-_262552	262552	262956	-	5	405	TTG	TGA	0	0	
mORF_-_262704	262704	262712	-	4	9	ATG	TGA	0	0	
mORF_-_262716	262716	262733	-	4	18	ATG	TAG	0	0	
mORF_-_262749	262749	262760	-	4	12	ATG	TGA	0	0	
mORF_-_262757	262757	262963	-	6	207	TTG	TGA	0	0	
mORF_-_262785	262785	262793	-	4	9	ATG	TGA	0	0	
mORF_-_262914	262914	263231	-	4	318	ATG	TAA	1	2	pORF_-_262914
mORF_-_262982	262982	263035	-	6	54	GTG	TAA	0	0	
mORF_-_263042	263042	263110	-	6	69	GTG	TGA	0	0	
mORF_-_263083	263083	263100	-	5	18	ATG	TGA	0	0	
mORF_-_263137	263137	263244	-	5	108	GTG	TGA	0	0	
mORF_-_263250	263250	263483	-	4	234	TTG	TGA	0	0	
mORF_-_263270	263270	263290	-	6	21	ATG	TGA	0	0	
mORF_-_263371	263371	263382	-	5	12	GTG	TAG	0	0	
mORF_-_263455	263455	263529	-	5	75	TTG	TAA	0	0	
mORF_-_263480	263480	263956	-	6	477	ATG	TGA	0	0	
mORF_-_263530	263530	263547	-	5	18	GTG	TGA	0	0	
mORF_-_263647	263647	263745	-	5	99	TTG	TGA	0	0	
mORF_-_263746	263746	263826	-	5	81	GTG	TGA	0	0	
mORF_-_263793	263793	263822	-	4	30	ATG	TGA	0	0	
mORF_-_263851	263851	263865	-	5	15	ATG	TAG	0	0	
mORF_-_263953	263953	264021	-	5	69	ATG	TGA	0	0	
mORF_-_263972	263972	264643	-	6	672	GTG	TGA	0	0	
mORF_-_264049	264049	264093	-	5	45	TTG	TGA	0	0	
mORF_-_264057	264057	264062	-	4	6	ATG	TGA	0	0	
mORF_-_264094	264094	264126	-	5	33	GTG	TGA	0	0	
mORF_-_264127	264127	264138	-	5	12	ATG	TGA	0	0	
mORF_-_264148	264148	264354	-	5	207	ATG	TGA	0	0	
mORF_-_264156	264156	264170	-	4	15	ATG	TAA	0	0	
mORF_-_264255	264255	264305	-	4	51	GTG	TGA	0	0	
mORF_-_264373	264373	264381	-	5	9	TTG	TGA	0	0	

mORF_-_264427	264427	264447	-	5	21	TTG	TGA	0	0	
mORF_-_264528	264528	264980	-	4	453	TTG	TGA	0	0	
mORF_-_264601	264601	264612	-	5	12	ATG	TGA	0	0	
mORF_-_264844	264844	265311	-	5	468	ATG	TGA	1	2	pORF_-_264844
mORF_-_265047	265047	265133	-	4	87	ATG	TAG	0	0	
mORF_-_265188	265188	265274	-	4	87	GTG	TGA	0	0	
mORF_-_265334	265334	266191	-	6	858	ATG	TAA	0	0	
mORF_-_265378	265378	265404	-	5	27	TTG	TGA	0	0	
mORF_-_265432	265432	265479	-	5	48	ATG	TGA	0	0	
mORF_-_265458	265458	265472	-	4	15	GTG	TAA	0	0	
mORF_-_265483	265483	265650	-	5	168	GTG	TGA	0	0	
mORF_-_265599	265599	265613	-	4	15	ATG	TGA	0	0	
mORF_-_265693	265693	265743	-	5	51	TTG	TGA	0	0	
mORF_-_265710	265710	265718	-	4	9	ATG	TGA	0	0	
mORF_-_265777	265777	265953	-	5	177	GTG	TAA	0	0	
mORF_-_265794	265794	265820	-	4	27	ATG	TGA	0	0	
mORF_-_265863	265863	265895	-	4	33	GTG	TGA	0	0	
mORF_-_265902	265902	265925	-	4	24	TTG	TGA	0	0	
mORF_-_265965	265965	266003	-	4	39	TTG	TGA	0	0	
mORF_-_266035	266035	266106	-	5	72	GTG	TGA	0	0	
mORF_-_266140	266140	266169	-	5	30	ATG	TGA	0	0	
mORF_-_266211	266211	266288	-	4	78	ATG	TAA	0	0	
mORF_-_266234	266234	266272	-	6	39	GTG	TAA	0	0	
mORF_-_266285	266285	266389	-	6	105	TTG	TGA	0	0	
mORF_-_266383	266383	266400	-	5	18	ATG	TAA	0	0	
mORF_-_266400	266400	266447	-	4	48	GTG	TAA	0	0	
mORF_-_266408	266408	267244	-	6	837	ATG	TGA	0	0	
mORF_-_266464	266464	266529	-	5	66	GTG	TGA	0	0	
mORF_-_266541	266541	266579	-	4	39	GTG	TAA	0	0	
mORF_-_266545	266545	266595	-	5	51	ATG	TGA	0	0	
mORF_-_266632	266632	266781	-	5	150	TTG	TGA	0	0	
mORF_-_266791	266791	267138	-	5	348	GTG	TGA	0	0	
mORF_-_266835	266835	266861	-	4	27	TTG	TGA	0	0	
mORF_-_267145	267145	267165	-	5	21	GTG	TAG	0	0	
mORF_-_267162	267162	267257	-	4	96	TTG	TGA	0	0	
mORF_-_267169	267169	267207	-	5	39	TTG	TAA	0	0	
mORF_-_267241	267241	267279	-	5	39	ATG	TGA	0	0	
mORF_-_267321	267321	268187	-	4	867	GTG	TGA	0	0	
mORF_-_267407	267407	267457	-	6	51	TTG	TGA	0	0	
mORF_-_267482	267482	267538	-	6	57	GTG	TAG	0	0	
mORF_-_267535	267535	267549	-	5	15	GTG	TGA	0	0	
mORF_-_267569	267569	267766	-	6	198	TTG	TGA	0	0	
mORF_-_267574	267574	267609	-	5	36	GTG	TAA	0	0	
mORF_-_267767	267767	267790	-	6	24	ATG	TGA	0	0	
mORF_-_267797	267797	267811	-	6	15	ATG	TGA	0	0	
mORF_-_267817	267817	267828	-	5	12	GTG	TAA	0	0	
mORF_-_267821	267821	267895	-	6	75	GTG	TGA	0	0	
mORF_-_267926	267926	268048	-	6	123	GTG	TAA	0	0	
mORF_-_267967	267967	268029	-	5	63	GTG	TGA	0	0	
mORF_-_268088	268088	268144	-	6	57	TTG	TAA	0	0	
mORF_-_268096	268096	268128	-	5	33	ATG	TAA	0	0	
mORF_-_268187	268187	268285	-	6	99	TTG	TAG	0	0	
mORF_-_268251	268251	268436	-	4	186	TTG	TGA	0	0	
mORF_-_268337	268337	268351	-	6	15	ATG	TAA	0	0	
mORF_-_268366	268366	268395	-	5	30	GTG	TAA	0	0	
mORF_-_268397	268397	268408	-	6	12	TTG	TAA	0	0	
mORF_-_268405	268405	268452	-	5	48	GTG	TGA	0	0	
mORF_-_268449	268449	268541	-	4	93	ATG	TGA	0	0	
mORF_-_268475	268475	268516	-	6	42	TTG	TAA	0	0	
mORF_-_268513	268513	269406	-	5	894	ATG	TGA	0	0	
mORF_-_268542	268542	268568	-	4	27	TTG	TGA	0	0	
mORF_-_268565	268565	268654	-	6	90	ATG	TGA	0	0	
mORF_-_268641	268641	268769	-	4	129	ATG	TAA	0	0	

mORF_-_268785	268785	268832	-	4	48	ATG	TGA	0	0	
mORF_-_268799	268799	268837	-	6	39	GTG	TGA	0	0	
mORF_-_268848	268848	268856	-	4	9	ATG	TGA	0	0	
mORF_-_268875	268875	268964	-	4	90	GTG	TAA	0	0	
mORF_-_268883	268883	268903	-	6	21	GTG	TGA	0	0	
mORF_-_268971	268971	269135	-	4	165	ATG	TAG	0	0	
mORF_-_269063	269063	269086	-	6	24	ATG	TAA	0	0	
mORF_-_269145	269145	269207	-	4	63	GTG	TAG	0	0	
mORF_-_269217	269217	269363	-	4	147	TTG	TGA	0	0	
mORF_-_269360	269360	269410	-	6	51	ATG	TGA	0	0	
mORF_-_269403	269403	269423	-	4	21	GTG	TGA	0	0	
mORF_-_269407	269407	269478	-	5	72	GTG	TGA	0	0	
mORF_-_269423	269423	269455	-	6	33	GTG	TAG	0	0	
mORF_-_269475	269475	269636	-	4	162	TTG	TGA	1	2	pORF_-_269475
mORF_-_269480	269480	269500	-	6	21	ATG	TGA	0	0	
mORF_-_269567	269567	269680	-	6	114	ATG	TAG	0	0	
mORF_-_269593	269593	269667	-	5	75	TTG	TAG	0	0	
mORF_-_269637	269637	269693	-	4	57	TTG	TAA	0	0	
mORF_-_269721	269721	269726	-	4	6	TTG	TAG	0	0	
mORF_-_269761	269761	269805	-	5	45	ATG	TAG	0	0	
mORF_-_269772	269772	269966	-	4	195	ATG	TGA	0	0	
mORF_-_269780	269780	269788	-	6	9	TTG	TGA	0	0	
mORF_-_269792	269792	269839	-	6	48	ATG	TAA	0	0	
mORF_-_269894	269894	269923	-	6	30	TTG	TGA	0	0	
mORF_-_269942	269942	270007	-	6	66	GTG	TAG	0	0	
mORF_-_269947	269947	270000	-	5	54	GTG	TAA	0	0	
mORF_-_269997	269997	270056	-	4	60	ATG	TGA	0	0	
mORF_-_270068	270068	270103	-	6	36	GTG	TAG	0	0	
mORF_-_270135	270135	270167	-	4	33	TTG	TAA	0	0	
mORF_-_270152	270152	270331	-	6	180	TTG	TAG	0	0	
mORF_-_270196	270196	270207	-	5	12	TTG	TAA	0	0	
mORF_-_270211	270211	270267	-	5	57	TTG	TAA	0	0	
mORF_-_270280	270280	270303	-	5	24	TTG	TAA	0	0	
mORF_-_270367	270367	270525	-	5	159	ATG	TAG	0	0	
mORF_-_270426	270426	270461	-	4	36	ATG	TGA	0	0	
mORF_-_270455	270455	270592	-	6	138	GTG	TAA	0	0	
mORF_-_270544	270544	270564	-	5	21	ATG	TGA	0	0	
mORF_-_270561	270561	270572	-	4	12	GTG	TGA	0	0	
mORF_-_270594	270594	270623	-	4	30	TTG	TAA	0	0	
mORF_-_270642	270642	270749	-	4	108	GTG	TGA	0	0	
mORF_-_270683	270683	270700	-	6	18	ATG	TGA	0	0	
mORF_-_270691	270691	270729	-	5	39	ATG	TGA	0	0	
mORF_-_270755	270755	270814	-	6	60	TTG	TAA	0	0	
mORF_-_270820	270820	270873	-	5	54	ATG	TAG	0	0	
mORF_-_270839	270839	270922	-	6	84	GTG	TAG	0	0	
mORF_-_270894	270894	270932	-	4	39	TTG	TGA	0	0	
mORF_-_270898	270898	271086	-	5	189	ATG	TAG	0	0	
mORF_-_270929	270929	270967	-	6	39	ATG	TGA	0	0	
mORF_-_270981	270981	270986	-	4	6	TTG	TAG	0	0	
mORF_-_271047	271047	271061	-	4	15	GTG	TAA	0	0	
mORF_-_271095	271095	271100	-	4	6	TTG	TAG	0	0	
mORF_-_271147	271147	271440	-	5	294	ATG	TAA	0	0	
mORF_-_271155	271155	271268	-	4	114	ATG	TGA	0	0	
mORF_-_271178	271178	271222	-	6	45	TTG	TGA	0	0	
mORF_-_271340	271340	271777	-	6	438	ATG	TAG	0	0	
mORF_-_271428	271428	271559	-	4	132	ATG	TGA	0	0	
mORF_-_271489	271489	271515	-	5	27	GTG	TGA	0	0	
mORF_-_271609	271609	271698	-	5	90	GTG	TAG	0	0	
mORF_-_271692	271692	272117	-	4	426	GTG	TGA	0	0	
mORF_-_271702	271702	271845	-	5	144	TTG	TAG	0	0	
mORF_-_271808	271808	271849	-	6	42	TTG	TGA	0	0	
mORF_-_271928	271928	271939	-	6	12	ATG	TAA	0	0	
mORF_-_272000	272000	272005	-	6	6	ATG	TAA	0	0	

mORF_-_272053	272053	272091	-	5	39	TTG	TAG	0	0	
mORF_-_272078	272078	272161	-	6	84	GTG	TGA	0	0	
mORF_-_272128	272128	272163	-	5	36	TTG	TAG	0	0	
mORF_-_272136	272136	272243	-	4	108	TTG	TGA	0	0	
mORF_-_272192	272192	272248	-	6	57	TTG	TGA	0	0	
mORF_-_272203	272203	272217	-	5	15	ATG	TGA	0	0	
mORF_-_272251	272251	272280	-	5	30	TTG	TAG	0	0	
mORF_-_272302	272302	272454	-	5	153	ATG	TGA	0	0	
mORF_-_272337	272337	272360	-	4	24	TTG	TAA	0	0	
mORF_-_272345	272345	272464	-	6	120	ATG	TAG	0	0	
mORF_-_272403	272403	272414	-	4	12	ATG	TGA	0	0	
mORF_-_272451	272451	272525	-	4	75	GTG	TGA	0	0	
mORF_-_272461	272461	272496	-	5	36	GTG	TGA	0	0	
mORF_-_272515	272515	272682	-	5	168	ATG	TAA	0	0	
mORF_-_272577	272577	272588	-	4	12	GTG	TAA	0	0	
mORF_-_272595	272595	272762	-	4	168	ATG	TGA	0	0	
mORF_-_272630	272630	272641	-	6	12	GTG	TGA	0	0	
mORF_-_272669	272669	272725	-	6	57	GTG	TGA	0	0	
mORF_-_272749	272749	273075	-	5	327	GTG	TAA	0	0	
mORF_-_272913	272913	273089	-	4	177	TTG	TAG	0	0	
mORF_-_272939	272939	272956	-	6	18	GTG	TGA	0	0	
mORF_-_273080	273080	273172	-	6	93	GTG	TGA	0	0	
mORF_-_273175	273175	273225	-	5	51	ATG	TAA	0	0	
mORF_-_273222	273222	273230	-	4	9	ATG	TGA	0	0	
mORF_-_273227	273227	273238	-	6	12	ATG	TGA	0	0	
mORF_-_273280	273280	273303	-	5	24	ATG	TAG	0	0	
mORF_-_273284	273284	273343	-	6	60	GTG	TAA	0	0	
mORF_-_273325	273325	274341	-	5	1017	ATG	TAA	46	158	pORF_-_273325
mORF_-_273585	273585	273704	-	4	120	ATG	TGA	0	0	
mORF_-_273701	273701	273790	-	6	90	GTG	TGA	0	0	
mORF_-_273738	273738	273764	-	4	27	TTG	TGA	0	0	
mORF_-_273774	273774	273878	-	4	105	ATG	TGA	0	0	
mORF_-_273987	273987	274085	-	4	99	ATG	TGA	0	0	
mORF_-_274016	274016	274102	-	6	87	TTG	TAG	0	0	
mORF_-_274089	274089	274277	-	4	189	GTG	TGA	0	0	
mORF_-_274157	274157	274207	-	6	51	ATG	TAA	0	0	
mORF_-_274302	274302	274424	-	4	123	GTG	TGA	0	0	
mORF_-_274346	274346	274588	-	6	243	TTG	TGA	0	0	
mORF_-_274351	274351	274368	-	5	18	GTG	TGA	0	0	
mORF_-_274414	274414	274491	-	5	78	TTG	TAA	0	0	
mORF_-_274431	274431	274451	-	4	21	ATG	TAA	0	0	
mORF_-_274485	274485	274505	-	4	21	TTG	TAA	0	0	
mORF_-_274521	274521	274532	-	4	12	ATG	TAA	0	0	
mORF_-_274537	274537	274602	-	5	66	GTG	TAA	0	0	
mORF_-_274545	274545	274586	-	4	42	GTG	TAA	0	0	
mORF_-_274599	274599	274676	-	4	78	GTG	TGA	0	0	
mORF_-_274642	274642	275151	-	5	510	GTG	TAA	1	2	pORF_-_274642
mORF_-_274842	274842	275627	-	4	786	GTG	TAA	0	0	
mORF_-_274880	274880	274918	-	6	39	GTG	TAA	0	0	
mORF_-_275441	275441	275557	-	6	117	GTG	TAG	0	0	
mORF_-_275515	275515	275730	-	5	216	TTG	TAG	0	0	
mORF_-_275573	275573	275830	-	6	258	ATG	TGA	0	0	
mORF_-_275749	275749	275754	-	5	6	ATG	TAA	0	0	
mORF_-_275866	275866	276063	-	5	198	TTG	TAA	0	0	
mORF_-_275903	275903	275923	-	6	21	TTG	TAA	0	0	
mORF_-_276056	276056	276388	-	6	333	ATG	TGA	0	0	
mORF_-_276112	276112	276141	-	5	30	GTG	TAG	0	0	
mORF_-_276138	276138	276521	-	4	384	ATG	TGA	0	0	
mORF_-_276151	276151	276219	-	5	69	TTG	TGA	0	0	
mORF_-_276518	276518	276544	-	6	27	GTG	TGA	0	0	
mORF_-_276592	276592	276645	-	5	54	GTG	TAA	0	0	
mORF_-_276611	276611	276661	-	6	51	ATG	TAG	0	0	
mORF_-_276618	276618	276806	-	4	189	GTG	TAA	0	0	

mORF_-_276662	276662	276667	-	6	6	GTG	TAA	0	0
mORF_-_276671	276671	276757	-	6	87	ATG	TAA	0	0
mORF_-_276715	276715	276732	-	5	18	TTG	TAA	0	0
mORF_-_276775	276775	276897	-	5	123	ATG	TAA	0	0
mORF_-_276854	276854	276922	-	6	69	ATG	TAA	0	0
mORF_-_276885	276885	276890	-	4	6	ATG	TAG	0	0
mORF_-_276894	276894	276947	-	4	54	TTG	TGA	0	0
mORF_-_276922	276922	277026	-	5	105	TTG	TGA	0	0
mORF_-_276962	276962	276973	-	6	12	GTG	TAG	0	0
mORF_-_276980	276980	278038	-	6	1059	ATG	TAA	0	0
mORF_-_277023	277023	277100	-	4	78	ATG	TGA	0	0
mORF_-_277108	277108	277140	-	5	33	ATG	TGA	0	0
mORF_-_277147	277147	277311	-	5	165	ATG	TGA	0	0
mORF_-_277399	277399	277470	-	5	72	TTG	TGA	0	0
mORF_-_277534	277534	277548	-	5	15	TTG	TGA	0	0
mORF_-_277573	277573	277629	-	5	57	TTG	TGA	0	0
mORF_-_277717	277717	277872	-	5	156	TTG	TGA	0	0
mORF_-_277963	277963	278007	-	5	45	TTG	TAA	0	0
mORF_-_278004	278004	278081	-	4	78	GTG	TGA	0	0
mORF_-_278038	278038	278400	-	5	363	TTG	TAA	0	0
mORF_-_278085	278085	278096	-	4	12	TTG	TGA	0	0
mORF_-_278127	278127	278147	-	4	21	TTG	TGA	0	0
mORF_-_278151	278151	278168	-	4	18	ATG	TAG	0	0
mORF_-_278199	278199	278261	-	4	63	TTG	TAG	0	0
mORF_-_278271	278271	278363	-	4	93	ATG	TGA	0	0
mORF_-_278402	278402	278905	-	6	504	ATG	TAA	0	0
mORF_-_278422	278422	278448	-	5	27	ATG	TGA	0	0
mORF_-_278515	278515	278532	-	5	18	TTG	TGA	0	0
mORF_-_278575	278575	278604	-	5	30	ATG	TGA	0	0
mORF_-_278586	278586	278615	-	4	30	ATG	TGA	0	0
mORF_-_278617	278617	278628	-	5	12	TTG	TGA	0	0
mORF_-_278644	278644	278802	-	5	159	GTG	TGA	0	0
mORF_-_278748	278748	278768	-	4	21	GTG	TAA	0	0
mORF_-_278824	278824	279099	-	5	276	GTG	TAA	0	0
mORF_-_278847	278847	278915	-	4	69	ATG	TAA	0	0
mORF_-_278916	278916	279128	-	4	213	GTG	TGA	0	0
mORF_-_278927	278927	278986	-	6	60	ATG	TGA	0	0
mORF_-_279056	279056	279124	-	6	69	ATG	TGA	0	0
mORF_-_279133	279133	279162	-	5	30	GTG	TGA	0	0
mORF_-_279150	279150	279164	-	4	15	TTG	TGA	0	0
mORF_-_279170	279170	279223	-	6	54	ATG	TAG	0	0
mORF_-_279189	279189	279272	-	4	84	GTG	TAG	0	0
mORF_-_279244	279244	279282	-	5	39	TTG	TGA	0	0
mORF_-_279248	279248	279592	-	6	345	GTG	TAG	0	0
mORF_-_279279	279279	279317	-	4	39	ATG	TGA	0	0
mORF_-_279376	279376	279414	-	5	39	ATG	TGA	0	0
mORF_-_279457	279457	279534	-	5	78	TTG	TAA	0	0
mORF_-_279599	279599	279607	-	6	9	ATG	TAA	0	0
mORF_-_279609	279609	280022	-	4	414	TTG	TAA	0	0
mORF_-_279647	279647	279697	-	6	51	GTG	TGA	0	0
mORF_-_279701	279701	279727	-	6	27	GTG	TGA	0	0
mORF_-_279746	279746	279754	-	6	9	GTG	TGA	0	0
mORF_-_279767	279767	279829	-	6	63	GTG	TGA	0	0
mORF_-_279856	279856	279909	-	5	54	GTG	TGA	0	0
mORF_-_279925	279925	279936	-	5	12	TTG	TAA	0	0
mORF_-_279973	279973	280059	-	5	87	ATG	TAA	0	0
mORF_-_280023	280023	280049	-	4	27	GTG	TGA	0	0
mORF_-_280053	280053	281207	-	4	1155	ATG	TAA	0	0
mORF_-_280063	280063	280125	-	5	63	GTG	TAA	0	0
mORF_-_280250	280250	280405	-	6	156	GTG	TGA	0	0
mORF_-_280402	280402	280575	-	5	174	GTG	TGA	0	0
mORF_-_280595	280595	280849	-	6	255	ATG	TGA	0	0
mORF_-_280663	280663	280686	-	5	24	GTG	TGA	0	0

mORF_-_280859	280859	281185	-	6	327	ATG	TGA	0	0	
mORF_-_280984	280984	281070	-	5	87	GTG	TGA	0	0	
mORF_-_281225	281225	281317	-	6	93	ATG	TAA	0	0	
mORF_-_281239	281239	281265	-	5	27	GTG	TAG	0	0	
mORF_-_281265	281265	281363	-	4	99	TTG	TAG	0	0	
mORF_-_281377	281377	281391	-	5	15	GTG	TAA	0	0	
mORF_-_281410	281410	281433	-	5	24	ATG	TAA	0	0	
mORF_-_281430	281430	282392	-	4	963	TTG	TGA	0	0	
mORF_-_281444	281444	281479	-	6	36	TTG	TAA	0	0	
mORF_-_281486	281486	281692	-	6	207	ATG	TGA	0	0	
mORF_-_281711	281711	281827	-	6	117	TTG	TGA	0	0	
mORF_-_281867	281867	281896	-	6	30	GTG	TAG	0	0	
mORF_-_281912	281912	282073	-	6	162	GTG	TAG	0	0	
mORF_-_282095	282095	282151	-	6	57	TTG	TGA	0	0	
mORF_-_282257	282257	283333	-	6	1077	GTG	TGA	1	2	pORF_-_282257
mORF_-_282397	282397	282447	-	5	51	GTG	TGA	0	0	
mORF_-_282466	282466	282630	-	5	165	GTG	TAA	0	0	
mORF_-_282621	282621	282665	-	4	45	TTG	TAA	0	0	
mORF_-_282631	282631	282642	-	5	12	ATG	TGA	0	0	
mORF_-_282676	282676	283053	-	5	378	TTG	TAG	0	0	
mORF_-_283123	283123	283470	-	5	348	TTG	TGA	0	0	
mORF_-_283358	283358	283831	-	6	474	GTG	TAA	0	0	
mORF_-_283431	283431	283709	-	4	279	TTG	TGA	0	0	
mORF_-_283483	283483	283950	-	5	468	ATG	TGA	1	11	pORF_-_283483
mORF_-_283960	283960	284316	-	5	357	GTG	TAG	0	0	
mORF_-_283979	283979	284065	-	6	87	GTG	TAG	0	0	
mORF_-_284150	284150	284257	-	6	108	GTG	TAA	0	0	
mORF_-_284169	284169	284294	-	4	126	GTG	TGA	0	0	
mORF_-_284332	284332	284340	-	5	9	GTG	TAA	0	0	
mORF_-_284398	284398	284472	-	5	75	TTG	TAA	0	0	
mORF_-_284465	284465	284539	-	6	75	ATG	TAA	0	0	
mORF_-_284473	284473	284562	-	5	90	ATG	TAA	0	0	
mORF_-_284496	284496	284507	-	4	12	TTG	TGA	0	0	
mORF_-_284546	284546	284644	-	6	99	TTG	TAA	0	0	
mORF_-_284562	284562	284567	-	4	6	GTG	TAA	0	0	
mORF_-_284572	284572	284598	-	5	27	GTG	TAA	0	0	
mORF_-_284598	284598	284627	-	4	30	TTG	TAG	0	0	
mORF_-_284628	284628	285398	-	4	771	GTG	TAA	0	0	
mORF_-_284651	284651	284695	-	6	45	GTG	TAG	0	0	
mORF_-_284717	284717	284887	-	6	171	ATG	TAG	1	2	pORF_-_284717
mORF_-_284791	284791	284928	-	5	138	GTG	TGA	0	0	
mORF_-_284906	284906	284941	-	6	36	ATG	TAG	0	0	
mORF_-_284957	284957	284962	-	6	6	ATG	TAG	0	0	
mORF_-_284978	284978	285025	-	6	48	GTG	TAG	0	0	
mORF_-_285044	285044	285136	-	6	93	TTG	TGA	0	0	
mORF_-_285155	285155	285169	-	6	15	ATG	TAG	0	0	
mORF_-_285203	285203	285226	-	6	24	TTG	TAG	0	0	
mORF_-_285233	285233	285346	-	6	114	TTG	TAG	0	0	
mORF_-_285322	285322	285468	-	5	147	GTG	TGA	0	0	
mORF_-_285425	285425	285514	-	6	90	ATG	TAA	0	0	
mORF_-_285465	285465	285998	-	4	534	ATG	TGA	0	0	
mORF_-_285521	285521	285622	-	6	102	GTG	TAG	0	0	
mORF_-_285659	285659	285709	-	6	51	GTG	TAG	0	0	
mORF_-_285710	285710	285781	-	6	72	TTG	TAG	0	0	
mORF_-_285782	285782	285832	-	6	51	TTG	TAG	0	0	
mORF_-_285863	285863	285883	-	6	21	ATG	TAG	0	0	
mORF_-_285893	285893	285925	-	6	33	ATG	TAG	0	0	
mORF_-_285940	285940	286047	-	5	108	TTG	TAA	0	0	
mORF_-_285998	285998	286474	-	6	477	GTG	TAA	1	3	pORF_-_285998
mORF_-_286084	286084	286128	-	5	45	ATG	TAG	0	0	
mORF_-_286129	286129	286227	-	5	99	ATG	TAG	0	0	
mORF_-_286273	286273	286425	-	5	153	TTG	TAG	0	0	
mORF_-_286329	286329	286367	-	4	39	TTG	TGA	0	0	

mORF_-_286435	286435	286551	-	5	117	GTG	TAG	0	0	
mORF_-_286487	286487	286969	-	6	483	TTG	TAA	1	3	pORF_-_286487
mORF_-_286561	286561	286566	-	5	6	GTG	TAG	0	0	
mORF_-_286603	286603	286629	-	5	27	GTG	TAG	0	0	
mORF_-_286633	286633	286794	-	5	162	ATG	TAG	0	0	
mORF_-_286798	286798	286806	-	5	9	GTG	TAG	0	0	
mORF_-_286861	286861	287088	-	5	228	GTG	TAG	0	0	
mORF_-_287105	287105	287557	-	6	453	GTG	TAA	0	0	
mORF_-_287113	287113	287145	-	5	33	GTG	TAG	0	0	
mORF_-_287251	287251	287262	-	5	12	TTG	TAG	0	0	
mORF_-_287287	287287	287370	-	5	84	ATG	TAG	0	0	
mORF_-_287440	287440	287469	-	5	30	GTG	TAG	0	0	
mORF_-_287509	287509	287568	-	5	60	ATG	TAG	0	0	
mORF_-_287599	287599	287607	-	5	9	GTG	TAG	0	0	
mORF_-_287628	287628	288386	-	4	759	ATG	TGA	4	10	pORF_-_287628
mORF_-_287692	287692	287772	-	5	81	GTG	TAA	0	0	
mORF_-_287930	287930	287956	-	6	27	TTG	TGA	0	0	
mORF_-_287957	287957	288064	-	6	108	GTG	TGA	0	0	
mORF_-_288119	288119	288166	-	6	48	TTG	TGA	0	0	
mORF_-_288290	288290	288403	-	6	114	GTG	TGA	0	0	
mORF_-_288364	288364	288528	-	5	165	GTG	TGA	0	0	
mORF_-_288411	288411	288524	-	4	114	TTG	TAA	0	0	
mORF_-_288446	288446	288535	-	6	90	TTG	TGA	0	0	
mORF_-_288525	288525	289529	-	4	1005	ATG	TGA	52	1258	pORF_-_288525
mORF_-_288548	288548	288613	-	6	66	TTG	TGA	0	0	
mORF_-_288626	288626	288694	-	6	69	ATG	TGA	0	0	
mORF_-_288691	288691	288831	-	5	141	GTG	TGA	0	0	
mORF_-_288761	288761	288787	-	6	27	TTG	TGA	0	0	
mORF_-_288859	288859	288927	-	5	69	GTG	TAA	0	0	
mORF_-_288992	288992	289039	-	6	48	ATG	TGA	0	0	
mORF_-_289066	289066	289155	-	5	90	GTG	TAA	0	0	
mORF_-_289142	289142	289279	-	6	138	TTG	TGA	0	0	
mORF_-_289298	289298	289453	-	6	156	TTG	TAG	0	0	
mORF_-_289324	289324	289350	-	5	27	TTG	TGA	0	0	
mORF_-_289499	289499	289606	-	6	108	ATG	TGA	0	0	
mORF_-_289531	289531	289554	-	5	24	GTG	TAA	0	0	
mORF_-_289591	289591	289611	-	5	21	GTG	TGA	0	0	
mORF_-_289608	289608	289700	-	4	93	ATG	TGA	0	0	
mORF_-_289621	289621	289638	-	5	18	TTG	TAA	0	0	
mORF_-_289712	289712	289717	-	6	6	TTG	TAG	0	0	
mORF_-_289769	289769	289795	-	6	27	ATG	TAA	0	0	
mORF_-_289812	289812	289871	-	4	60	TTG	TAA	0	0	
mORF_-_289873	289873	290376	-	5	504	ATG	TAA	0	0	
mORF_-_289893	289893	289919	-	4	27	ATG	TGA	0	0	
mORF_-_289986	289986	290003	-	4	18	TTG	TGA	0	0	
mORF_-_290046	290046	290075	-	4	30	ATG	TGA	0	0	
mORF_-_290057	290057	290086	-	6	30	ATG	TGA	0	0	
mORF_-_290088	290088	290099	-	4	12	TTG	TGA	0	0	
mORF_-_290115	290115	290273	-	4	159	GTG	TGA	0	0	
mORF_-_290219	290219	290239	-	6	21	GTG	TAA	0	0	
mORF_-_290295	290295	290570	-	4	276	GTG	TAA	0	0	
mORF_-_290318	290318	290386	-	6	69	ATG	TAA	0	0	
mORF_-_290387	290387	290599	-	6	213	GTG	TGA	0	0	
mORF_-_290398	290398	290457	-	5	60	ATG	TGA	0	0	
mORF_-_290527	290527	290595	-	5	69	ATG	TGA	0	0	
mORF_-_290604	290604	290624	-	4	21	GTG	TGA	0	0	
mORF_-_290632	290632	290721	-	5	90	TTG	TGA	0	0	
mORF_-_290646	290646	291044	-	4	399	ATG	TGA	0	0	
mORF_-_290654	290654	290752	-	6	99	ATG	TAG	0	0	
mORF_-_290737	290737	290832	-	5	96	GTG	TAA	0	0	
mORF_-_290777	290777	290842	-	6	66	TTG	TAA	0	0	
mORF_-_290876	290876	290935	-	6	60	TTG	TGA	0	0	
mORF_-_290920	290920	291237	-	5	318	GTG	TGA	0	0	

mORF_-_291023	291023	291118	-	6	96	GTG	TAG	0	0
mORF_-_291129	291129	291239	-	4	111	ATG	TGA	0	0
mORF_-_291143	291143	291268	-	6	126	TTG	TAA	0	0
mORF_-_291243	291243	291248	-	4	6	ATG	TAG	0	0
mORF_-_291285	291285	291302	-	4	18	ATG	TAG	0	0
mORF_-_291420	291420	291506	-	4	87	TTG	TAA	0	0
mORF_-_291449	291449	291607	-	6	159	TTG	TGA	0	0
mORF_-_291546	291546	292172	-	4	627	ATG	TAA	0	0
mORF_-_291677	291677	291685	-	6	9	ATG	TAG	0	0
mORF_-_291767	291767	291973	-	6	207	GTG	TGA	0	0
mORF_-_291781	291781	291855	-	5	75	ATG	TAA	0	0
mORF_-_291865	291865	291903	-	5	39	TTG	TGA	0	0
mORF_-_291986	291986	292036	-	6	51	TTG	TGA	0	0
mORF_-_292003	292003	292014	-	5	12	TTG	TAA	0	0
mORF_-_292037	292037	292072	-	6	36	TTG	TAG	0	0
mORF_-_292090	292090	292104	-	5	15	ATG	TAA	0	0
mORF_-_292094	292094	292150	-	6	57	ATG	TGA	0	0
mORF_-_292201	292201	292251	-	5	51	GTG	TAG	0	0
mORF_-_292248	292248	292292	-	4	45	ATG	TGA	0	0
mORF_-_292280	292280	292342	-	6	63	GTG	TAA	0	0
mORF_-_292312	292312	292371	-	5	60	ATG	TAA	0	0
mORF_-_292350	292350	292430	-	4	81	TTG	TAA	0	0
mORF_-_292444	292444	293142	-	5	699	ATG	TAA	0	0
mORF_-_292497	292497	292556	-	4	60	GTG	TGA	0	0
mORF_-_292584	292584	292601	-	4	18	ATG	TAG	0	0
mORF_-_292626	292626	292661	-	4	36	TTG	TGA	0	0
mORF_-_292640	292640	292678	-	6	39	TTG	TGA	0	0
mORF_-_292682	292682	292747	-	6	66	TTG	TGA	0	0
mORF_-_292695	292695	292787	-	4	93	TTG	TAG	0	0
mORF_-_292794	292794	292811	-	4	18	TTG	TAA	0	0
mORF_-_292827	292827	292835	-	4	9	ATG	TGA	0	0
mORF_-_292842	292842	292874	-	4	33	TTG	TGA	0	0
mORF_-_292899	292899	293033	-	4	135	ATG	TGA	0	0
mORF_-_292922	292922	292936	-	6	15	ATG	TAA	0	0
mORF_-_292982	292982	292990	-	6	9	ATG	TAG	0	0
mORF_-_293030	293030	293080	-	6	51	TTG	TGA	0	0
mORF_-_293061	293061	293084	-	4	24	TTG	TGA	0	0
mORF_-_293169	293169	294023	-	4	855	ATG	TAA	0	0
mORF_-_293198	293198	293350	-	6	153	ATG	TAA	0	0
mORF_-_293293	293293	293304	-	5	12	TTG	TGA	0	0
mORF_-_293366	293366	293467	-	6	102	GTG	TGA	0	0
mORF_-_293477	293477	293485	-	6	9	TTG	TAA	0	0
mORF_-_293537	293537	293596	-	6	60	ATG	TAA	0	0
mORF_-_293603	293603	293623	-	6	21	TTG	TGA	0	0
mORF_-_293738	293738	293749	-	6	12	ATG	TAA	0	0
mORF_-_293753	293753	293761	-	6	9	ATG	TAA	0	0
mORF_-_293773	293773	293787	-	5	15	ATG	TAA	0	0
mORF_-_293792	293792	293818	-	6	27	TTG	TAG	0	0
mORF_-_293852	293852	293872	-	6	21	TTG	TAA	0	0
mORF_-_293936	293936	293950	-	6	15	ATG	TAG	0	0
mORF_-_293947	293947	293967	-	5	21	TTG	TGA	0	0
mORF_-_293993	293993	294013	-	6	21	GTG	TGA	0	0
mORF_-_294043	294043	294051	-	5	9	TTG	TAA	0	0
mORF_-_294048	294048	294107	-	4	60	ATG	TGA	0	0
mORF_-_294076	294076	294120	-	5	45	TTG	TGA	0	0
mORF_-_294142	294142	294366	-	5	225	ATG	TAA	0	0
mORF_-_294171	294171	294215	-	4	45	ATG	TAG	0	0
mORF_-_294242	294242	294268	-	6	27	ATG	TGA	0	0
mORF_-_294311	294311	294397	-	6	87	TTG	TGA	0	0
mORF_-_294363	294363	294803	-	4	441	ATG	TGA	0	0
mORF_-_294413	294413	294508	-	6	96	GTG	TAA	0	0
mORF_-_294556	294556	294561	-	5	6	ATG	TAA	0	0
mORF_-_294566	294566	294592	-	6	27	ATG	TGA	0	0

mORF_-_294607	294607	294636	-	5	30	ATG	TAA	0	0	
mORF_-_294623	294623	294685	-	6	63	TTG	TGA	0	0	
mORF_-_294736	294736	294744	-	5	9	GTG	TAA	0	0	
mORF_-_294808	294808	294834	-	5	27	ATG	TAA	0	0	
mORF_-_294831	294831	294860	-	4	30	ATG	TGA	0	0	
mORF_-_294850	294850	294933	-	5	84	TTG	TAA	0	0	
mORF_-_294876	294876	294923	-	4	48	TTG	TGA	0	0	
mORF_-_294920	294920	296323	-	6	1404	TTG	TGA	3	10	pORF_-_294920
mORF_-_294943	294943	294963	-	5	21	ATG	TAA	0	0	
mORF_-_294960	294960	294974	-	4	15	ATG	TGA	0	0	
mORF_-_294964	294964	294981	-	5	18	TTG	TAA	0	0	
mORF_-_294978	294978	294995	-	4	18	ATG	TGA	0	0	
mORF_-_295009	295009	295116	-	5	108	TTG	TAG	0	0	
mORF_-_295092	295092	295100	-	4	9	GTG	TGA	0	0	
mORF_-_295165	295165	295209	-	5	45	GTG	TAG	0	0	
mORF_-_295218	295218	295235	-	4	18	TTG	TAA	0	0	
mORF_-_295270	295270	295278	-	5	9	ATG	TAG	0	0	
mORF_-_295279	295279	295323	-	5	45	GTG	TAA	0	0	
mORF_-_295338	295338	295358	-	4	21	ATG	TAA	0	0	
mORF_-_295366	295366	295473	-	5	108	GTG	TAG	0	0	
mORF_-_295473	295473	295508	-	4	36	TTG	TAG	0	0	
mORF_-_295486	295486	295512	-	5	27	ATG	TAA	0	0	
mORF_-_295546	295546	295626	-	5	81	GTG	TAA	0	0	
mORF_-_295605	295605	295613	-	4	9	ATG	TAA	0	0	
mORF_-_295662	295662	295688	-	4	27	GTG	TAG	0	0	
mORF_-_295708	295708	295857	-	5	150	GTG	TAA	0	0	
mORF_-_295960	295960	295974	-	5	15	TTG	TAA	0	0	
mORF_-_295999	295999	296064	-	5	66	TTG	TGA	0	0	
mORF_-_296068	296068	296109	-	5	42	TTG	TGA	0	0	
mORF_-_296124	296124	296165	-	4	42	TTG	TAG	0	0	
mORF_-_296149	296149	296160	-	5	12	ATG	TAA	0	0	
mORF_-_296274	296274	296339	-	4	66	TTG	TAA	0	0	
mORF_-_296320	296320	296343	-	5	24	TTG	TGA	0	0	
mORF_-_296336	296336	296407	-	6	72	TTG	TGA	0	0	
mORF_-_296412	296412	296429	-	4	18	ATG	TAA	0	0	
mORF_-_296423	296423	296488	-	6	66	TTG	TAA	0	0	
mORF_-_296485	296485	296544	-	5	60	ATG	TGA	0	0	
mORF_-_296493	296493	296642	-	4	150	TTG	TAA	0	0	
mORF_-_296504	296504	296566	-	6	63	TTG	TAA	0	0	
mORF_-_296563	296563	296604	-	5	42	ATG	TGA	0	0	
mORF_-_296582	296582	296626	-	6	45	ATG	TGA	0	0	
mORF_-_296605	296605	297147	-	5	543	ATG	TAA	0	0	
mORF_-_296643	296643	296783	-	4	141	TTG	TGA	0	0	
mORF_-_296787	296787	296804	-	4	18	TTG	TAA	0	0	
mORF_-_296820	296820	296990	-	4	171	TTG	TGA	0	0	
mORF_-_296885	296885	296938	-	6	54	GTG	TGA	0	0	
mORF_-_296939	296939	297391	-	6	453	TTG	TAA	0	0	
mORF_-_296994	296994	297950	-	4	957	ATG	TGA	1	9	pORF_-_296994
mORF_-_297265	297265	297273	-	5	9	GTG	TGA	0	0	
mORF_-_297388	297388	297423	-	5	36	ATG	TGA	0	0	
mORF_-_297410	297410	297448	-	6	39	ATG	TGA	0	0	
mORF_-_297439	297439	297486	-	5	48	GTG	TGA	0	0	
mORF_-_297593	297593	297652	-	6	60	ATG	TGA	0	0	
mORF_-_297628	297628	297636	-	5	9	GTG	TGA	0	0	
mORF_-_297683	297683	297754	-	6	72	ATG	TGA	0	0	
mORF_-_297854	297854	297970	-	6	117	ATG	TAG	0	0	
mORF_-_297960	297960	300158	-	4	2199	ATG	TAA	0	0	
mORF_-_298036	298036	298074	-	5	39	GTG	TAA	0	0	
mORF_-_298064	298064	298093	-	6	30	GTG	TGA	0	0	
mORF_-_298103	298103	298132	-	6	30	ATG	TGA	0	0	
mORF_-_298142	298142	298225	-	6	84	ATG	TGA	0	0	
mORF_-_298222	298222	298329	-	5	108	GTG	TGA	0	0	
mORF_-_298268	298268	298279	-	6	12	TTG	TGA	0	0	

mORF_-_298307	298307	298402	-	6	96	TTG	TGA	0	0	
mORF_-_298427	298427	298444	-	6	18	TTG	TGA	0	0	
mORF_-_298460	298460	298570	-	6	111	TTG	TGA	0	0	
mORF_-_298549	298549	298632	-	5	84	ATG	TGA	0	0	
mORF_-_298586	298586	298756	-	6	171	TTG	TGA	0	0	
mORF_-_298775	298775	298858	-	6	84	GTG	TAG	0	0	
mORF_-_298834	298834	298875	-	5	42	GTG	TAA	0	0	
mORF_-_298868	298868	299011	-	6	144	ATG	TAG	0	0	
mORF_-_298927	298927	298950	-	5	24	GTG	TAA	0	0	
mORF_-_299084	299084	299284	-	6	201	GTG	TGA	1	2	pORF_-_299084
mORF_-_299359	299359	299514	-	5	156	GTG	TAA	0	0	
mORF_-_299372	299372	299407	-	6	36	ATG	TGA	0	0	
mORF_-_299414	299414	299470	-	6	57	ATG	TGA	0	0	
mORF_-_299486	299486	299521	-	6	36	TTG	TGA	0	0	
mORF_-_299522	299522	299632	-	6	111	TTG	TGA	0	0	
mORF_-_299636	299636	299671	-	6	36	GTG	TGA	0	0	
mORF_-_299813	299813	299845	-	6	33	TTG	TAG	0	0	
mORF_-_299858	299858	300034	-	6	177	ATG	TAG	0	0	
mORF_-_300031	300031	300039	-	5	9	ATG	TGA	0	0	
mORF_-_300071	300071	300109	-	6	39	TTG	TGA	0	0	
mORF_-_300113	300113	300151	-	6	39	TTG	TGA	0	0	
mORF_-_300148	300148	300309	-	5	162	TTG	TGA	0	0	
mORF_-_300155	300155	301111	-	6	957	ATG	TGA	1	2	pORF_-_300155
mORF_-_300328	300328	300396	-	5	69	TTG	TAG	0	0	
mORF_-_300463	300463	300639	-	5	177	TTG	TGA	0	0	
mORF_-_300658	300658	300918	-	5	261	GTG	TAG	0	0	
mORF_-_300928	300928	300936	-	5	9	TTG	TGA	0	0	
mORF_-_300958	300958	300987	-	5	30	TTG	TGA	0	0	
mORF_-_301084	301084	301095	-	5	12	ATG	TGA	0	0	
mORF_-_301108	301108	301797	-	5	690	ATG	TGA	0	0	
mORF_-_301116	301116	301169	-	4	54	GTG	TAA	0	0	
mORF_-_301188	301188	301208	-	4	21	ATG	TGA	0	0	
mORF_-_301205	301205	301327	-	6	123	GTG	TGA	0	0	
mORF_-_301287	301287	301433	-	4	147	TTG	TAG	0	0	
mORF_-_301437	301437	301463	-	4	27	ATG	TGA	0	0	
mORF_-_301448	301448	301504	-	6	57	TTG	TAA	0	0	
mORF_-_301521	301521	301577	-	4	57	TTG	TGA	0	0	
mORF_-_301734	301734	301760	-	4	27	TTG	TAA	0	0	
mORF_-_301860	301860	301874	-	4	15	ATG	TAA	0	0	
mORF_-_301901	301901	301942	-	6	42	ATG	TAA	0	0	
mORF_-_301939	301939	302001	-	5	63	TTG	TGA	0	0	
mORF_-_301977	301977	302102	-	4	126	ATG	TAA	0	0	
mORF_-_301985	301985	302008	-	6	24	TTG	TAA	0	0	
mORF_-_302033	302033	302059	-	6	27	GTG	TAG	0	0	
mORF_-_302109	302109	302132	-	4	24	TTG	TAA	0	0	
mORF_-_302117	302117	302137	-	6	21	TTG	TAG	0	0	
mORF_-_302125	302125	302232	-	5	108	TTG	TAA	0	0	
mORF_-_302147	302147	302269	-	6	123	ATG	TAA	0	0	
mORF_-_302253	302253	302477	-	4	225	TTG	TAA	0	0	
mORF_-_302270	302270	302338	-	6	69	GTG	TGA	0	0	
mORF_-_302357	302357	302383	-	6	27	ATG	TAA	0	0	
mORF_-_302383	302383	302532	-	5	150	GTG	TAA	0	0	
mORF_-_302426	302426	302434	-	6	9	GTG	TGA	0	0	
mORF_-_302487	302487	302534	-	4	48	ATG	TAA	0	0	
mORF_-_302534	302534	302590	-	6	57	TTG	TAA	0	0	
mORF_-_302594	302594	302656	-	6	63	ATG	TAA	0	0	
mORF_-_302626	302626	302646	-	5	21	ATG	TAA	0	0	
mORF_-_302643	302643	302666	-	4	24	ATG	TGA	0	0	
mORF_-_302653	302653	302730	-	5	78	ATG	TGA	0	0	
mORF_-_302663	302663	302680	-	6	18	GTG	TGA	0	0	
mORF_-_302770	302770	302790	-	5	21	ATG	TAA	0	0	
mORF_-_302783	302783	302821	-	6	39	TTG	TAA	0	0	
mORF_-_302787	302787	302867	-	4	81	ATG	TGA	0	0	

mORF_-_302818	302818	302886	-	5	69	ATG	TGA	0	0	
mORF_-_302930	302930	303061	-	6	132	TTG	TAG	0	0	
mORF_-_303077	303077	303406	-	6	330	ATG	TAA	0	0	
mORF_-_303088	303088	303231	-	5	144	TTG	TGA	0	0	
mORF_-_303099	303099	303119	-	4	21	TTG	TAA	0	0	
mORF_-_303141	303141	303167	-	4	27	ATG	TGA	0	0	
mORF_-_303183	303183	303269	-	4	87	ATG	TAA	0	0	
mORF_-_303262	303262	303378	-	5	117	GTG	TGA	0	0	
mORF_-_303291	303291	303413	-	4	123	GTG	TGA	0	0	
mORF_-_303422	303422	303451	-	6	30	ATG	TAG	0	0	
mORF_-_303538	303538	303879	-	5	342	GTG	TAG	0	0	
mORF_-_303549	303549	303557	-	4	9	GTG	TAA	0	0	
mORF_-_303600	303600	303662	-	4	63	ATG	TAG	0	0	
mORF_-_303719	303719	304474	-	6	756	ATG	TAA	0	0	
mORF_-_303876	303876	303881	-	4	6	ATG	TGA	0	0	
mORF_-_303900	303900	303908	-	4	9	ATG	TAA	0	0	
mORF_-_303921	303921	303956	-	4	36	ATG	TAA	0	0	
mORF_-_304000	304000	304251	-	5	252	TTG	TGA	0	0	
mORF_-_304285	304285	304302	-	5	18	TTG	TAG	0	0	
mORF_-_304398	304398	306041	-	4	1644	ATG	TAA	0	0	
mORF_-_304408	304408	304416	-	5	9	GTG	TAA	0	0	
mORF_-_304561	304561	304584	-	5	24	GTG	TGA	0	0	
mORF_-_304577	304577	304591	-	6	15	ATG	TGA	0	0	
mORF_-_304595	304595	304735	-	6	141	TTG	TGA	0	0	
mORF_-_304612	304612	304620	-	5	9	GTG	TGA	0	0	
mORF_-_304699	304699	304719	-	5	21	TTG	TGA	0	0	
mORF_-_304799	304799	304903	-	6	105	GTG	TAA	0	0	
mORF_-_304916	304916	304942	-	6	27	ATG	TGA	0	0	
mORF_-_305024	305024	305062	-	6	39	ATG	TGA	0	0	
mORF_-_305035	305035	305130	-	5	96	ATG	TAA	0	0	
mORF_-_305117	305117	305140	-	6	24	ATG	TGA	0	0	
mORF_-_305263	305263	305268	-	5	6	TTG	TAA	0	0	
mORF_-_305381	305381	305476	-	6	96	ATG	TGA	0	0	
mORF_-_305473	305473	305583	-	5	111	GTG	TGA	0	0	
mORF_-_305480	305480	305500	-	6	21	ATG	TGA	0	0	
mORF_-_305600	305600	305623	-	6	24	GTG	TGA	0	0	
mORF_-_305665	305665	305736	-	5	72	GTG	TAA	0	0	
mORF_-_305702	305702	305785	-	6	84	TTG	TAA	0	0	
mORF_-_305831	305831	305854	-	6	24	GTG	TAA	0	0	
mORF_-_305858	305858	305947	-	6	90	ATG	TGA	0	0	
mORF_-_306031	306031	308556	-	5	2526	ATG	TAA	1	7	pORF_-_306031
mORF_-_306038	306038	306073	-	6	36	GTG	TGA	0	0	
mORF_-_306060	306060	306293	-	4	234	GTG	TGA	0	0	
mORF_-_306324	306324	306350	-	4	27	ATG	TGA	0	0	
mORF_-_306366	306366	306449	-	4	84	ATG	TGA	0	0	
mORF_-_306552	306552	306620	-	4	69	ATG	TGA	0	0	
mORF_-_306669	306669	306800	-	4	132	TTG	TGA	0	0	
mORF_-_306849	306849	307043	-	4	195	ATG	TGA	0	0	
mORF_-_307040	307040	307078	-	6	39	GTG	TGA	0	0	
mORF_-_307086	307086	307280	-	4	195	TTG	TGA	0	0	
mORF_-_307166	307166	307174	-	6	9	GTG	TAA	0	0	
mORF_-_307181	307181	307228	-	6	48	ATG	TAG	0	0	
mORF_-_307290	307290	307328	-	4	39	ATG	TGA	0	0	
mORF_-_307346	307346	307390	-	6	45	TTG	TAG	0	0	
mORF_-_307356	307356	307379	-	4	24	GTG	TGA	0	0	
mORF_-_307383	307383	307481	-	4	99	GTG	TAG	0	0	
mORF_-_307448	307448	307468	-	6	21	GTG	TAG	0	0	
mORF_-_307554	307554	307610	-	4	57	ATG	TGA	0	0	
mORF_-_307638	307638	307655	-	4	18	GTG	TAA	0	0	
mORF_-_307797	307797	307937	-	4	141	ATG	TAG	0	0	
mORF_-_308037	308037	308063	-	4	27	GTG	TGA	0	0	
mORF_-_308178	308178	308201	-	4	24	ATG	TGA	0	0	
mORF_-_308226	308226	308309	-	4	84	ATG	TGA	0	0	

mORF_-_308436	308436	308444	-	4	9	GTG	TGA	0	0	
mORF_-_308445	308445	308459	-	4	15	GTG	TAG	0	0	
mORF_-_308460	308460	308516	-	4	57	TTG	TAA	0	0	
mORF_-_308465	308465	308575	-	6	111	GTG	TGA	0	0	
mORF_-_308582	308582	309250	-	6	669	ATG	TAG	0	0	
mORF_-_308587	308587	308622	-	5	36	TTG	TGA	0	0	
mORF_-_308604	308604	308615	-	4	12	TTG	TGA	0	0	
mORF_-_308697	308697	308702	-	4	6	GTG	TAA	0	0	
mORF_-_308706	308706	308729	-	4	24	TTG	TAA	0	0	
mORF_-_308722	308722	308760	-	5	39	ATG	TGA	0	0	
mORF_-_308773	308773	308946	-	5	174	ATG	TGA	0	0	
mORF_-_308974	308974	309111	-	5	138	GTG	TGA	0	0	
mORF_-_309139	309139	309156	-	5	18	GTG	TGA	0	0	
mORF_-_309160	309160	309186	-	5	27	ATG	TGA	0	0	
mORF_-_309247	309247	309255	-	5	9	TTG	TGA	0	0	
mORF_-_309282	309282	309299	-	4	18	ATG	TAG	0	0	
mORF_-_309308	309308	309895	-	6	588	ATG	TAA	1	2	pORF_-_309308
mORF_-_309385	309385	309465	-	5	81	ATG	TAA	0	0	
mORF_-_309526	309526	309579	-	5	54	ATG	TGA	0	0	
mORF_-_309637	309637	309726	-	5	90	ATG	TGA	0	0	
mORF_-_309754	309754	309759	-	5	6	TTG	TGA	0	0	
mORF_-_309820	309820	309843	-	5	24	GTG	TAA	0	0	
mORF_-_309825	309825	309944	-	4	120	ATG	TGA	0	0	
mORF_-_309892	309892	309900	-	5	9	ATG	TGA	0	0	
mORF_-_309954	309954	310016	-	4	63	ATG	TAG	0	0	
mORF_-_309970	309970	310560	-	5	591	GTG	TAA	0	0	
mORF_-_310041	310041	310067	-	4	27	TTG	TGA	0	0	
mORF_-_310046	310046	310051	-	6	6	TTG	TAG	0	0	
mORF_-_310152	310152	310166	-	4	15	ATG	TGA	0	0	
mORF_-_310170	310170	310199	-	4	30	GTG	TGA	0	0	
mORF_-_310235	310235	310321	-	6	87	ATG	TAG	0	0	
mORF_-_310257	310257	310283	-	4	27	TTG	TAG	0	0	
mORF_-_310305	310305	310331	-	4	27	GTG	TAA	0	0	
mORF_-_310413	310413	310433	-	4	21	TTG	TAA	0	0	
mORF_-_310434	310434	310547	-	4	114	GTG	TGA	0	0	
mORF_-_310490	310490	310507	-	6	18	ATG	TGA	0	0	
mORF_-_310544	310544	310570	-	6	27	TTG	TGA	0	0	
mORF_-_310560	310560	310643	-	4	84	TTG	TAG	0	0	
mORF_-_310582	310582	310593	-	5	12	ATG	TAA	0	0	
mORF_-_310603	310603	310638	-	5	36	ATG	TAA	0	0	
mORF_-_310666	310666	310743	-	5	78	TTG	TAA	0	0	
mORF_-_310747	310747	310755	-	5	9	TTG	TAA	0	0	
mORF_-_310752	310752	310805	-	4	54	ATG	TGA	0	0	
mORF_-_310759	310759	310854	-	5	96	ATG	TAA	0	0	
mORF_-_310812	310812	310841	-	4	30	TTG	TGA	0	0	
mORF_-_310899	310899	310979	-	4	81	ATG	TAA	0	0	
mORF_-_310919	310919	310933	-	6	15	TTG	TAG	0	0	
mORF_-_310963	310963	311094	-	5	132	ATG	TAG	0	0	
mORF_-_310976	310976	310996	-	6	21	TTG	TGA	0	0	
mORF_-_311010	311010	311033	-	4	24	TTG	TAA	0	0	
mORF_-_311039	311039	311113	-	6	75	TTG	TAA	0	0	
mORF_-_311049	311049	311057	-	4	9	TTG	TGA	0	0	
mORF_-_311091	311091	311189	-	4	99	ATG	TGA	0	0	
mORF_-_311176	311176	311184	-	5	9	GTG	TGA	0	0	
mORF_-_311190	311190	311222	-	4	33	GTG	TGA	0	0	
mORF_-_311281	311281	311316	-	5	36	ATG	TAA	0	0	
mORF_-_311301	311301	311309	-	4	9	ATG	TAA	0	0	
mORF_-_311318	311318	311428	-	6	111	TTG	TAA	0	0	
mORF_-_311382	311382	311405	-	4	24	ATG	TAG	0	0	
mORF_-_311422	311422	311535	-	5	114	GTG	TGA	0	0	
mORF_-_311466	311466	311483	-	4	18	TTG	TGA	0	0	
mORF_-_311526	311526	311543	-	4	18	ATG	TAA	0	0	
mORF_-_311560	311560	311571	-	5	12	TTG	TAA	0	0	

mORF_-_311578	311578	311601	-	5	24	TTG	TAA	0	0	
mORF_-_311598	311598	311741	-	4	144	GTG	TGA	5	16	pORF_-_311598
mORF_-_311647	311647	311652	-	5	6	TTG	TAA	0	0	
mORF_-_311654	311654	311659	-	6	6	ATG	TGA	0	0	
mORF_-_311678	311678	311683	-	6	6	TTG	TGA	0	0	
mORF_-_311725	311725	311796	-	5	72	ATG	TAA	0	0	
mORF_-_311738	311738	312004	-	6	267	ATG	TGA	30	691	pORF_-_311738
mORF_-_311818	311818	311862	-	5	45	TTG	TGA	0	0	
mORF_-_311881	311881	311949	-	5	69	GTG	TAA	0	0	
mORF_-_312014	312014	312106	-	6	93	TTG	TAA	0	0	
mORF_-_312019	312019	312033	-	5	15	ATG	TAA	0	0	
mORF_-_312055	312055	312066	-	5	12	GTG	TGA	0	0	
mORF_-_312060	312060	312122	-	4	63	ATG	TGA	0	0	
mORF_-_312067	312067	312150	-	5	84	ATG	TGA	0	0	
mORF_-_312125	312125	312286	-	6	162	GTG	TAA	0	0	
mORF_-_312298	312298	312339	-	5	42	GTG	TAA	0	0	
mORF_-_312302	312302	312325	-	6	24	ATG	TAA	0	0	
mORF_-_312365	312365	312466	-	6	102	ATG	TAA	0	0	
mORF_-_312397	312397	312417	-	5	21	TTG	TAG	0	0	
mORF_-_312453	312453	312557	-	4	105	GTG	TAA	0	0	
mORF_-_312482	312482	312550	-	6	69	ATG	TAA	0	0	
mORF_-_312554	312554	312559	-	6	6	TTG	TGA	0	0	
mORF_-_312575	312575	312583	-	6	9	TTG	TAA	0	0	
mORF_-_312591	312591	312710	-	4	120	ATG	TAA	0	0	
mORF_-_312605	312605	312655	-	6	51	TTG	TGA	0	0	
mORF_-_312652	312652	312702	-	5	51	ATG	TGA	0	0	
mORF_-_312707	312707	312739	-	6	33	TTG	TGA	0	0	
mORF_-_312780	312780	312791	-	4	12	TTG	TAA	0	0	
mORF_-_312792	312792	312806	-	4	15	ATG	TAG	0	0	
mORF_-_312813	312813	312827	-	4	15	GTG	TAA	0	0	
mORF_-_312863	312863	312994	-	6	132	ATG	TAA	0	0	
mORF_-_312940	312940	312948	-	5	9	ATG	TAA	0	0	
mORF_-_313011	313011	313025	-	4	15	TTG	TAA	0	0	
mORF_-_313016	313016	313051	-	6	36	ATG	TGA	0	0	
mORF_-_313090	313090	313146	-	5	57	TTG	TGA	0	0	
mORF_-_313097	313097	313249	-	6	153	TTG	TAA	0	0	
mORF_-_313110	313110	313196	-	4	87	ATG	TGA	0	0	
mORF_-_313212	313212	313223	-	4	12	ATG	TAA	0	0	
mORF_-_313230	313230	313304	-	4	75	GTG	TAG	0	0	
mORF_-_313259	313259	313273	-	6	15	ATG	TAA	0	0	
mORF_-_313297	313297	313356	-	5	60	TTG	TAA	0	0	
mORF_-_313337	313337	313354	-	6	18	GTG	TAG	0	0	
mORF_-_313341	313341	313451	-	4	111	GTG	TAA	0	0	
mORF_-_313361	313361	313402	-	6	42	TTG	TAG	0	0	
mORF_-_313436	313436	313519	-	6	84	TTG	TAA	0	0	
mORF_-_313456	313456	313530	-	5	75	ATG	TAA	0	0	
mORF_-_313530	313530	313565	-	4	36	ATG	TAA	0	0	
mORF_-_313573	313573	313683	-	5	111	GTG	TAA	0	0	
mORF_-_313584	313584	313610	-	4	27	TTG	TGA	0	0	
mORF_-_313626	313626	313727	-	4	102	ATG	TGA	0	0	
mORF_-_313667	313667	313693	-	6	27	GTG	TGA	0	0	
mORF_-_313696	313696	313740	-	5	45	GTG	TAA	0	0	
mORF_-_313733	313733	313750	-	6	18	ATG	TGA	0	0	
mORF_-_313759	313759	313857	-	5	99	GTG	TAG	0	0	
mORF_-_313827	313827	314048	-	4	222	ATG	TAA	0	0	
mORF_-_313835	313835	313942	-	6	108	TTG	TGA	0	0	
mORF_-_313939	313939	314019	-	5	81	TTG	TGA	0	0	
mORF_-_314003	314003	314032	-	6	30	GTG	TAA	0	0	
mORF_-_314029	314029	314073	-	5	45	TTG	TGA	0	0	
mORF_-_314070	314070	314096	-	4	27	ATG	TGA	0	0	
mORF_-_314100	314100	314144	-	4	45	ATG	TGA	0	0	
mORF_-_314134	314134	314343	-	5	210	TTG	TAA	0	0	
mORF_-_314148	314148	314162	-	4	15	ATG	TAA	0	0	

mORF_-_314159	314159	314170	-	6	12	ATG	TGA	0	0
mORF_-_314198	314198	314218	-	6	21	TTG	TAA	0	0
mORF_-_314316	314316	314465	-	4	150	TTG	TAA	0	0
mORF_-_314455	314455	314475	-	5	21	GTG	TAA	0	0
mORF_-_314480	314480	314533	-	6	54	TTG	TAG	0	0
mORF_-_314500	314500	314514	-	5	15	GTG	TGA	0	0
mORF_-_314511	314511	314603	-	4	93	ATG	TGA	0	0
mORF_-_314530	314530	314559	-	5	30	ATG	TGA	0	0
mORF_-_314630	314630	314647	-	6	18	GTG	TGA	0	0
mORF_-_314644	314644	314778	-	5	135	TTG	TGA	0	0
mORF_-_314652	314652	314657	-	4	6	TTG	TAG	0	0
mORF_-_314679	314679	314954	-	4	276	GTG	TGA	0	0
mORF_-_314714	314714	314728	-	6	15	GTG	TAG	0	0
mORF_-_314768	314768	314791	-	6	24	ATG	TAG	0	0
mORF_-_314837	314837	314857	-	6	21	TTG	TGA	0	0
mORF_-_314854	314854	314922	-	5	69	TTG	TGA	0	0
mORF_-_314909	314909	314932	-	6	24	GTG	TGA	0	0
mORF_-_314980	314980	315012	-	5	33	GTG	TAA	0	0
mORF_-_314988	314988	315140	-	4	153	GTG	TGA	0	0
mORF_-_315049	315049	315099	-	5	51	TTG	TAA	0	0
mORF_-_315124	315124	315138	-	5	15	GTG	TGA	0	0
mORF_-_315179	315179	315313	-	6	135	ATG	TAA	0	0
mORF_-_315262	315262	315279	-	5	18	GTG	TGA	0	0
mORF_-_315286	315286	315309	-	5	24	GTG	TAA	0	0
mORF_-_315297	315297	315389	-	4	93	GTG	TGA	0	0
mORF_-_315379	315379	315471	-	5	93	TTG	TAA	0	0
mORF_-_315386	315386	315391	-	6	6	GTG	TGA	0	0
mORF_-_315414	315414	315689	-	4	276	ATG	TGA	0	0
mORF_-_315553	315553	315576	-	5	24	TTG	TGA	0	0
mORF_-_315602	315602	315664	-	6	63	TTG	TAA	0	0
mORF_-_315674	315674	316393	-	6	720	GTG	TAA	0	0
mORF_-_315691	315691	315816	-	5	126	TTG	TAA	0	0
mORF_-_315705	315705	315731	-	4	27	GTG	TGA	0	0
mORF_-_315753	315753	315758	-	4	6	ATG	TGA	0	0
mORF_-_315843	315843	315860	-	4	18	ATG	TAA	0	0
mORF_-_315865	315865	315945	-	5	81	TTG	TAG	0	0
mORF_-_315975	315975	316037	-	4	63	TTG	TAG	0	0
mORF_-_316003	316003	316320	-	5	318	TTG	TAA	0	0
mORF_-_316137	316137	316184	-	4	48	TTG	TGA	0	0
mORF_-_316305	316305	316316	-	4	12	GTG	TGA	0	0
mORF_-_316317	316317	316325	-	4	9	GTG	TGA	0	0
mORF_-_316357	316357	316365	-	5	9	ATG	TGA	0	0
mORF_-_316372	316372	316395	-	5	24	ATG	TAA	0	0
mORF_-_316401	316401	316454	-	4	54	GTG	TAA	0	0
mORF_-_316501	316501	316545	-	5	45	GTG	TAG	0	0
mORF_-_316509	316509	316547	-	4	39	ATG	TAA	0	0
mORF_-_316535	316535	316693	-	6	159	GTG	TGA	0	0
mORF_-_316567	316567	316581	-	5	15	ATG	TAA	0	0
mORF_-_316669	316669	316785	-	5	117	ATG	TGA	0	0
mORF_-_316742	316742	316801	-	6	60	ATG	TAA	0	0
mORF_-_316811	316811	316822	-	6	12	TTG	TAG	0	0
mORF_-_316830	316830	316856	-	4	27	GTG	TAA	0	0
mORF_-_316853	316853	316864	-	6	12	ATG	TGA	0	0
mORF_-_316861	316861	316953	-	5	93	TTG	TGA	0	0
mORF_-_316896	316896	316931	-	4	36	TTG	TGA	0	0
mORF_-_316950	316950	317552	-	4	603	ATG	TGA	0	0
mORF_-_316964	316964	316984	-	6	21	ATG	TAA	0	0
mORF_-_317027	317027	317038	-	6	12	GTG	TGA	0	0
mORF_-_317060	317060	317113	-	6	54	GTG	TGA	0	0
mORF_-_317110	317110	317130	-	5	21	ATG	TGA	0	0
mORF_-_317204	317204	317245	-	6	42	TTG	TAG	0	0
mORF_-_317249	317249	317284	-	6	36	ATG	TGA	0	0
mORF_-_317290	317290	317307	-	5	18	ATG	TAA	0	0

mORF_-_317342	317342	317374	-	6	33	ATG	TGA	0	0	
mORF_-_317371	317371	317460	-	5	90	GTG	TGA	0	0	
mORF_-_317387	317387	317440	-	6	54	TTG	TAA	0	0	
mORF_-_317444	317444	317476	-	6	33	TTG	TAA	0	0	
mORF_-_317495	317495	317503	-	6	9	TTG	TGA	0	0	
mORF_-_317506	317506	317628	-	5	123	ATG	TAA	0	0	
mORF_-_317555	317555	317806	-	6	252	TTG	TAA	0	0	
mORF_-_317641	317641	317652	-	5	12	TTG	TAG	0	0	
mORF_-_317713	317713	317769	-	5	57	TTG	TAA	0	0	
mORF_-_317900	317900	319252	-	6	1353	ATG	TAA	6	21	pORF_-_317900
mORF_-_317908	317908	317925	-	5	18	ATG	TAG	0	0	
mORF_-_317938	317938	317994	-	5	57	ATG	TGA	0	0	
mORF_-_318019	318019	318039	-	5	21	GTG	TGA	0	0	
mORF_-_318033	318033	318041	-	4	9	GTG	TGA	0	0	
mORF_-_318055	318055	318084	-	5	30	TTG	TAG	0	0	
mORF_-_318091	318091	318111	-	5	21	ATG	TAA	0	0	
mORF_-_318115	318115	318126	-	5	12	GTG	TGA	0	0	
mORF_-_318151	318151	318174	-	5	24	GTG	TGA	0	0	
mORF_-_318196	318196	318204	-	5	9	TTG	TGA	0	0	
mORF_-_318223	318223	318405	-	5	183	TTG	TGA	0	0	
mORF_-_318309	318309	318365	-	4	57	TTG	TGA	0	0	
mORF_-_318421	318421	318438	-	5	18	ATG	TAA	0	0	
mORF_-_318484	318484	318624	-	5	141	TTG	TAA	0	0	
mORF_-_318673	318673	318720	-	5	48	TTG	TAA	0	0	
mORF_-_318763	318763	318903	-	5	141	GTG	TAA	0	0	
mORF_-_318943	318943	319119	-	5	177	ATG	TGA	0	0	
mORF_-_319092	319092	319148	-	4	57	TTG	TAA	0	0	
mORF_-_319171	319171	319200	-	5	30	TTG	TAG	0	0	
mORF_-_319218	319218	319262	-	4	45	ATG	TAA	0	0	
mORF_-_319249	319249	319299	-	5	51	GTG	TGA	0	0	
mORF_-_319265	319265	319291	-	6	27	ATG	TAG	0	0	
mORF_-_319296	319296	319355	-	4	60	GTG	TGA	0	0	
mORF_-_319342	319342	319362	-	5	21	TTG	TAA	0	0	
mORF_-_319352	319352	319369	-	6	18	ATG	TGA	0	0	
mORF_-_319398	319398	319430	-	4	33	TTG	TAA	0	0	
mORF_-_319405	319405	319437	-	5	33	GTG	TAG	0	0	
mORF_-_319427	319427	319492	-	6	66	TTG	TGA	0	0	
mORF_-_319479	319479	319541	-	4	63	GTG	TAA	0	0	
mORF_-_319517	319517	319543	-	6	27	ATG	TAA	0	0	
mORF_-_319556	319556	319576	-	6	21	ATG	TAA	0	0	
mORF_-_319580	319580	319588	-	6	9	TTG	TAA	0	0	
mORF_-_319626	319626	319787	-	4	162	GTG	TAA	0	0	
mORF_-_319655	319655	319663	-	6	9	TTG	TAG	0	0	
mORF_-_319667	319667	319738	-	6	72	ATG	TGA	0	0	
mORF_-_319684	319684	319722	-	5	39	GTG	TGA	0	0	
mORF_-_319747	319747	320055	-	5	309	ATG	TAA	0	0	
mORF_-_319781	319781	319798	-	6	18	GTG	TAA	0	0	
mORF_-_319791	319791	319880	-	4	90	GTG	TAA	0	0	
mORF_-_319838	319838	320062	-	6	225	GTG	TAA	0	0	
mORF_-_319899	319899	319904	-	4	6	ATG	TAG	0	0	
mORF_-_319908	319908	319937	-	4	30	GTG	TAA	0	0	
mORF_-_319962	319962	320225	-	4	264	ATG	TGA	0	0	
mORF_-_320059	320059	320112	-	5	54	GTG	TGA	0	0	
mORF_-_320141	320141	320146	-	6	6	TTG	TAG	0	0	
mORF_-_320222	320222	320233	-	6	12	GTG	TGA	0	0	
mORF_-_320230	320230	320382	-	5	153	TTG	TGA	0	0	
mORF_-_320286	320286	320300	-	4	15	GTG	TGA	0	0	
mORF_-_320322	320322	320366	-	4	45	TTG	TGA	0	0	
mORF_-_320397	320397	320462	-	4	66	TTG	TAA	0	0	
mORF_-_320463	320463	320633	-	4	171	ATG	TAA	0	0	
mORF_-_320537	320537	320587	-	6	51	ATG	TGA	0	0	
mORF_-_320603	320603	320611	-	6	9	TTG	TAA	0	0	
mORF_-_320664	320664	320702	-	4	39	ATG	TAA	0	0	

mORF_-_320668	320668	320739	-	5	72	TTG	TAA	0	0
mORF_-_320699	320699	320713	-	6	15	TTG	TGA	0	0
mORF_-_320706	320706	320801	-	4	96	ATG	TGA	0	0
mORF_-_320740	320740	320811	-	5	72	ATG	TAA	0	0
mORF_-_320759	320759	320854	-	6	96	GTG	TAA	0	0
mORF_-_320851	320851	320889	-	5	39	GTG	TGA	0	0
mORF_-_320960	320960	320974	-	6	15	TTG	TGA	0	0
mORF_-_320981	320981	321073	-	6	93	GTG	TAA	0	0
mORF_-_320986	320986	321027	-	5	42	GTG	TGA	0	0
mORF_-_321049	321049	321138	-	5	90	TTG	TAA	0	0
mORF_-_321089	321089	321166	-	6	78	GTG	TAA	0	0
mORF_-_321178	321178	321282	-	5	105	GTG	TAA	0	0
mORF_-_321186	321186	321419	-	4	234	GTG	TAA	0	0
mORF_-_321233	321233	321514	-	6	282	TTG	TGA	0	0
mORF_-_321489	321489	321602	-	4	114	ATG	TAA	0	0
mORF_-_321511	321511	321744	-	5	234	ATG	TGA	0	0
mORF_-_321590	321590	321598	-	6	9	GTG	TAA	0	0
mORF_-_321606	321606	321635	-	4	30	TTG	TGA	0	0
mORF_-_321626	321626	321823	-	6	198	TTG	TGA	0	0
mORF_-_321781	321781	321810	-	5	30	GTG	TGA	0	0
mORF_-_321813	321813	321830	-	4	18	TTG	TAG	0	0
mORF_-_321846	321846	321929	-	4	84	TTG	TAG	0	0
mORF_-_321853	321853	322050	-	5	198	ATG	TAA	0	0
mORF_-_321926	321926	322033	-	6	108	TTG	TGA	0	0
mORF_-_321930	321930	321953	-	4	24	ATG	TGA	0	0
mORF_-_322066	322066	322071	-	5	6	GTG	TAG	0	0
mORF_-_322083	322083	322376	-	4	294	GTG	TAG	0	0
mORF_-_322117	322117	322554	-	5	438	ATG	TAA	0	0
mORF_-_322325	322325	322357	-	6	33	GTG	TGA	0	0
mORF_-_322436	322436	322534	-	6	99	ATG	TAA	0	0
mORF_-_322565	322565	322582	-	6	18	TTG	TAG	0	0
mORF_-_322625	322625	322699	-	6	75	TTG	TAA	0	0
mORF_-_322638	322638	322670	-	4	33	TTG	TAG	0	0
mORF_-_322696	322696	322962	-	5	267	ATG	TGA	0	0
mORF_-_322713	322713	322745	-	4	33	GTG	TGA	0	0
mORF_-_322742	322742	322843	-	6	102	TTG	TGA	0	0
mORF_-_322782	322782	322790	-	4	9	TTG	TAA	0	0
mORF_-_322833	322833	322877	-	4	45	TTG	TGA	0	0
mORF_-_322853	322853	322873	-	6	21	GTG	TGA	0	0
mORF_-_322889	322889	322909	-	6	21	GTG	TAA	0	0
mORF_-_322952	322952	323110	-	6	159	TTG	TAA	0	0
mORF_-_322962	322962	323024	-	4	63	GTG	TGA	0	0
mORF_-_323017	323017	323076	-	5	60	TTG	TGA	0	0
mORF_-_323151	323151	323204	-	4	54	TTG	TAA	0	0
mORF_-_323230	323230	323493	-	5	264	GTG	TGA	0	0
mORF_-_323361	323361	323447	-	4	87	ATG	TAG	0	0
mORF_-_323444	323444	323533	-	6	90	ATG	TGA	0	0
mORF_-_323533	323533	323619	-	5	87	TTG	TGA	0	0
mORF_-_323580	323580	323597	-	4	18	TTG	TAA	0	0
mORF_-_323594	323594	323716	-	6	123	ATG	TGA	0	0
mORF_-_323632	323632	323844	-	5	213	ATG	TGA	0	0
mORF_-_323661	323661	323699	-	4	39	ATG	TAA	0	0
mORF_-_323736	323736	323744	-	4	9	TTG	TAA	0	0
mORF_-_323751	323751	323948	-	4	198	ATG	TAA	0	0
mORF_-_323887	323887	323898	-	5	12	GTG	TAA	0	0
mORF_-_323920	323920	324588	-	5	669	ATG	TAA	0	0
mORF_-_323945	323945	324019	-	6	75	TTG	TGA	0	0
mORF_-_323949	323949	323966	-	4	18	TTG	TAG	0	0
mORF_-_323985	323985	323990	-	4	6	TTG	TAA	0	0
mORF_-_324063	324063	324077	-	4	15	GTG	TAA	0	0
mORF_-_324114	324114	324200	-	4	87	ATG	TGA	0	0
mORF_-_324182	324182	324205	-	6	24	ATG	TAA	0	0
mORF_-_324263	324263	324277	-	6	15	ATG	TAA	0	0

mORF_-_324285	324285	324347	-	4	63	ATG	TAA	0	0	
mORF_-_324354	324354	324401	-	4	48	TTG	TGA	0	0	
mORF_-_324447	324447	324521	-	4	75	GTG	TAA	0	0	
mORF_-_324458	324458	324496	-	6	39	ATG	TAA	0	0	
mORF_-_324534	324534	324554	-	4	21	TTG	TGA	0	0	
mORF_-_324555	324555	324584	-	4	30	GTG	TGA	0	0	
mORF_-_324630	324630	324671	-	4	42	TTG	TAA	0	0	
mORF_-_324665	324665	324685	-	6	21	ATG	TGA	0	0	
mORF_-_324682	324682	324705	-	5	24	ATG	TGA	0	0	
mORF_-_324716	324716	324766	-	6	51	TTG	TGA	0	0	
mORF_-_324784	324784	324804	-	5	21	ATG	TAA	0	0	
mORF_-_324789	324789	324797	-	4	9	GTG	TGA	0	0	
mORF_-_324801	324801	326516	-	4	1716	TTG	TGA	0	0	
mORF_-_324815	324815	324877	-	6	63	GTG	TGA	0	0	
mORF_-_324890	324890	324904	-	6	15	TTG	TAG	0	0	
mORF_-_324923	324923	324970	-	6	48	GTG	TGA	0	0	
mORF_-_324980	324980	325291	-	6	312	GTG	TAG	0	0	
mORF_-_325006	325006	325050	-	5	45	GTG	TGA	0	0	
mORF_-_325099	325099	325113	-	5	15	ATG	TGA	0	0	
mORF_-_325273	325273	325323	-	5	51	GTG	TAA	0	0	
mORF_-_325340	325340	325348	-	6	9	ATG	TGA	0	0	
mORF_-_325363	325363	325404	-	5	42	GTG	TAA	0	0	
mORF_-_325370	325370	325792	-	6	423	TTG	TAG	0	0	
mORF_-_325441	325441	325551	-	5	111	GTG	TGA	0	0	
mORF_-_325645	325645	325764	-	5	120	ATG	TGA	0	0	
mORF_-_325829	325829	325987	-	6	159	TTG	TGA	0	0	
mORF_-_325988	325988	325999	-	6	12	TTG	TGA	0	0	
mORF_-_326036	326036	326179	-	6	144	GTG	TGA	0	0	
mORF_-_326155	326155	326190	-	5	36	GTG	TAA	0	0	
mORF_-_326201	326201	326215	-	6	15	GTG	TGA	0	0	
mORF_-_326224	326224	326238	-	5	15	GTG	TAA	0	0	
mORF_-_326255	326255	326377	-	6	123	TTG	TGA	0	0	
mORF_-_326408	326408	326464	-	6	57	TTG	TGA	0	0	
mORF_-_326485	326485	327960	-	5	1476	GTG	TAA	11	28	pORF_-_326485
mORF_-_326513	326513	326644	-	6	132	TTG	TGA	0	0	
mORF_-_326556	326556	326600	-	4	45	TTG	TGA	0	0	
mORF_-_326781	326781	326804	-	4	24	GTG	TGA	0	0	
mORF_-_326801	326801	326857	-	6	57	ATG	TGA	0	0	
mORF_-_326814	326814	326876	-	4	63	ATG	TGA	0	0	
mORF_-_326864	326864	326902	-	6	39	GTG	TAA	0	0	
mORF_-_326883	326883	327095	-	4	213	ATG	TGA	0	0	
mORF_-_327050	327050	327103	-	6	54	GTG	TGA	0	0	
mORF_-_327132	327132	327170	-	4	39	ATG	TGA	0	0	
mORF_-_327246	327246	327293	-	4	48	TTG	TGA	0	0	
mORF_-_327389	327389	327505	-	6	117	ATG	TGA	0	0	
mORF_-_327438	327438	327512	-	4	75	TTG	TGA	0	0	
mORF_-_327522	327522	327566	-	4	45	GTG	TAG	0	0	
mORF_-_327600	327600	327731	-	4	132	TTG	TGA	0	0	
mORF_-_327807	327807	327923	-	4	117	ATG	TGA	0	0	
mORF_-_327971	327971	328576	-	6	606	ATG	TAA	1	2	pORF_-_327971
mORF_-_328029	328029	328067	-	4	39	ATG	TAA	0	0	
mORF_-_328048	328048	328077	-	5	30	TTG	TGA	0	0	
mORF_-_328240	328240	328251	-	5	12	GTG	TGA	0	0	
mORF_-_328255	328255	328329	-	5	75	ATG	TGA	0	0	
mORF_-_328339	328339	328491	-	5	153	ATG	TGA	0	0	
mORF_-_328516	328516	328572	-	5	57	ATG	TGA	0	0	
mORF_-_328576	328576	328668	-	5	93	TTG	TGA	0	0	
mORF_-_328641	328641	328727	-	4	87	TTG	TAA	0	0	
mORF_-_328655	328655	328702	-	6	48	GTG	TAA	0	0	
mORF_-_328699	328699	329121	-	5	423	GTG	TGA	0	0	
mORF_-_328724	328724	328780	-	6	57	TTG	TGA	0	0	
mORF_-_328740	328740	328823	-	4	84	GTG	TAA	0	0	
mORF_-_328838	328838	328873	-	6	36	TTG	TAG	0	0	

mORF_-_328878	328878	328949	-	4	72	TTG	TAG	0	0
mORF_-_329121	329121	329162	-	4	42	ATG	TAG	0	0
mORF_-_329128	329128	329262	-	5	135	GTG	TAA	0	0
mORF_-_329187	329187	329207	-	4	21	ATG	TAA	0	0
mORF_-_329259	329259	329309	-	4	51	GTG	TGA	0	0
mORF_-_329336	329336	329395	-	6	60	GTG	TAA	0	0
mORF_-_329340	329340	329528	-	4	189	GTG	TAG	0	0
mORF_-_329540	329540	329548	-	6	9	GTG	TAA	0	0
mORF_-_329568	329568	329819	-	4	252	ATG	TAG	0	0
mORF_-_329597	329597	329674	-	6	78	ATG	TGA	0	0
mORF_-_329776	329776	330111	-	5	336	TTG	TAA	0	0
mORF_-_329816	329816	329836	-	6	21	ATG	TGA	0	0
mORF_-_329874	329874	329930	-	4	57	ATG	TAG	0	0
mORF_-_329946	329946	330119	-	4	174	GTG	TAA	0	0
mORF_-_330140	330140	330232	-	6	93	GTG	TGA	0	0
mORF_-_330198	330198	330218	-	4	21	TTG	TAA	0	0
mORF_-_330294	330294	330305	-	4	12	GTG	TAA	0	0
mORF_-_330309	330309	330314	-	4	6	GTG	TAA	0	0
mORF_-_330314	330314	330412	-	6	99	GTG	TAG	0	0
mORF_-_330397	330397	330501	-	5	105	TTG	TAG	0	0
mORF_-_330518	330518	330532	-	6	15	GTG	TAA	0	0
mORF_-_330552	330552	330593	-	4	42	TTG	TAG	0	0
mORF_-_330574	330574	330696	-	5	123	ATG	TAA	0	0
mORF_-_330606	330606	330629	-	4	24	GTG	TAG	0	0
mORF_-_330665	330665	330745	-	6	81	ATG	TAA	0	0
mORF_-_330724	330724	330753	-	5	30	ATG	TAA	0	0
mORF_-_330813	330813	330869	-	4	57	TTG	TAG	0	0
mORF_-_330856	330856	330900	-	5	45	TTG	TAG	0	0
mORF_-_330873	330873	330878	-	4	6	ATG	TAG	0	0
mORF_-_330912	330912	331001	-	4	90	ATG	TAA	0	0
mORF_-_330935	330935	330952	-	6	18	ATG	TGA	0	0
mORF_-_330956	330956	330982	-	6	27	TTG	TGA	0	0
mORF_-_330989	330989	330997	-	6	9	TTG	TAA	0	0
mORF_-_331016	331016	331093	-	6	78	ATG	TAA	0	0
mORF_-_331090	331090	331275	-	5	186	ATG	TGA	0	0
mORF_-_331128	331128	331172	-	4	45	ATG	TAA	0	0
mORF_-_331182	331182	331190	-	4	9	ATG	TAA	0	0
mORF_-_331230	331230	331256	-	4	27	ATG	TGA	0	0
mORF_-_331272	331272	331325	-	4	54	TTG	TGA	0	0
mORF_-_331326	331326	331343	-	4	18	TTG	TAG	0	0
mORF_-_331361	331361	331372	-	6	12	ATG	TAA	0	0
mORF_-_331424	331424	331450	-	6	27	ATG	TAA	0	0
mORF_-_331490	331490	331504	-	6	15	ATG	TAA	0	0
mORF_-_331520	331520	331558	-	6	39	GTG	TAA	0	0
mORF_-_331527	331527	331562	-	4	36	ATG	TAA	0	0
mORF_-_331555	331555	331596	-	5	42	ATG	TGA	0	0
mORF_-_331593	331593	331655	-	4	63	ATG	TGA	0	0
mORF_-_331601	331601	331648	-	6	48	ATG	TGA	0	0
mORF_-_331645	331645	331695	-	5	51	TTG	TGA	0	0
mORF_-_331692	331692	331766	-	4	75	GTG	TGA	0	0
mORF_-_331763	331763	332044	-	6	282	TTG	TGA	0	0
mORF_-_331837	331837	331866	-	5	30	GTG	TGA	0	0
mORF_-_331906	331906	331962	-	5	57	TTG	TGA	0	0
mORF_-_331959	331959	332042	-	4	84	GTG	TGA	0	0
mORF_-_332052	332052	332060	-	4	9	GTG	TAA	0	0
mORF_-_332065	332065	332277	-	5	213	TTG	TGA	0	0
mORF_-_332070	332070	332090	-	4	21	ATG	TAA	0	0
mORF_-_332087	332087	332182	-	6	96	ATG	TGA	0	0
mORF_-_332291	332291	332359	-	6	69	GTG	TAG	0	0
mORF_-_332353	332353	332364	-	5	12	ATG	TGA	0	0
mORF_-_332439	332439	332456	-	4	18	ATG	TAA	0	0
mORF_-_332453	332453	332494	-	6	42	ATG	TGA	0	0
mORF_-_332491	332491	332505	-	5	15	TTG	TGA	0	0

mORF_-_332579	332579	332602	-	6	24	GTG	TAA	0	0
mORF_-_332614	332614	332700	-	5	87	GTG	TAG	0	0
mORF_-_332693	332693	332707	-	6	15	ATG	TAG	0	0
mORF_-_332725	332725	333657	-	5	933	ATG	TAA	0	0
mORF_-_332763	332763	332783	-	4	21	TTG	TAA	0	0
mORF_-_332792	332792	332800	-	6	9	GTG	TAA	0	0
mORF_-_332898	332898	332945	-	4	48	GTG	TGA	0	0
mORF_-_332942	332942	332965	-	6	24	ATG	TGA	0	0
mORF_-_332946	332946	333107	-	4	162	TTG	TAG	0	0
mORF_-_333111	333111	333242	-	4	132	ATG	TAG	0	0
mORF_-_333303	333303	333371	-	4	69	GTG	TGA	0	0
mORF_-_333353	333353	333361	-	6	9	TTG	TAA	0	0
mORF_-_333378	333378	333428	-	4	51	ATG	TAG	0	0
mORF_-_333474	333474	333515	-	4	42	ATG	TAA	0	0
mORF_-_333564	333564	333602	-	4	39	TTG	TAA	0	0
mORF_-_333657	333657	333674	-	4	18	ATG	TAA	0	0
mORF_-_333718	333718	333735	-	5	18	ATG	TAA	0	0
mORF_-_333749	333749	334246	-	6	498	ATG	TAA	0	0
mORF_-_333781	333781	333798	-	5	18	ATG	TAA	0	0
mORF_-_333822	333822	334046	-	4	225	GTG	TAA	0	0
mORF_-_333859	333859	333873	-	5	15	TTG	TGA	0	0
mORF_-_333883	333883	333900	-	5	18	GTG	TGA	0	0
mORF_-_333970	333970	333999	-	5	30	GTG	TAA	0	0
mORF_-_334024	334024	334137	-	5	114	TTG	TGA	0	0
mORF_-_334092	334092	334208	-	4	117	TTG	TAA	0	0
mORF_-_334144	334144	334176	-	5	33	ATG	TAG	0	0
mORF_-_334186	334186	334224	-	5	39	GTG	TAG	0	0
mORF_-_334243	334243	334269	-	5	27	ATG	TGA	0	0
mORF_-_334285	334285	334290	-	5	6	ATG	TAA	0	0
mORF_-_334298	334298	334369	-	6	72	GTG	TAG	0	0
mORF_-_334339	334339	334359	-	5	21	GTG	TGA	0	0
mORF_-_334359	334359	334400	-	4	42	TTG	TAG	0	0
mORF_-_334443	334443	334484	-	4	42	GTG	TGA	0	0
mORF_-_334463	334463	334546	-	6	84	GTG	TGA	0	0
mORF_-_334534	334534	334548	-	5	15	TTG	TAA	0	0
mORF_-_334598	334598	334630	-	6	33	TTG	TAA	0	0
mORF_-_334631	334631	334675	-	6	45	ATG	TAA	0	0
mORF_-_334645	334645	334656	-	5	12	TTG	TAA	0	0
mORF_-_334675	334675	334713	-	5	39	ATG	TAA	0	0
mORF_-_334710	334710	335318	-	4	609	GTG	TGA	0	0
mORF_-_334777	334777	334854	-	5	78	ATG	TAA	0	0
mORF_-_334855	334855	334914	-	5	60	ATG	TAA	0	0
mORF_-_334964	334964	335107	-	6	144	ATG	TAA	0	0
mORF_-_334987	334987	335016	-	5	30	ATG	TAA	0	0
mORF_-_335126	335126	335314	-	6	189	GTG	TGA	0	0
mORF_-_335158	335158	335463	-	5	306	GTG	TAG	0	0
mORF_-_335375	335375	335434	-	6	60	TTG	TAA	0	0
mORF_-_335460	335460	335492	-	4	33	ATG	TGA	0	0
mORF_-_335476	335476	335505	-	5	30	GTG	TAG	0	0
mORF_-_335575	335575	335622	-	5	48	TTG	TAA	0	0
mORF_-_335669	335669	335677	-	6	9	ATG	TAA	0	0
mORF_-_335688	335688	335747	-	4	60	TTG	TAA	0	0
mORF_-_335713	335713	335772	-	5	60	TTG	TAA	0	0
mORF_-_335717	335717	335824	-	6	108	ATG	TAA	0	0
mORF_-_335757	335757	335807	-	4	51	ATG	TAA	0	0
mORF_-_335824	335824	336021	-	5	198	ATG	TAA	0	0
mORF_-_335862	335862	335870	-	4	9	ATG	TGA	0	0
mORF_-_335870	335870	335905	-	6	36	TTG	TAA	0	0
mORF_-_335874	335874	335882	-	4	9	ATG	TAA	0	0
mORF_-_335898	335898	335960	-	4	63	ATG	TGA	0	0
mORF_-_336034	336034	336273	-	5	240	TTG	TAG	0	0
mORF_-_336060	336060	336104	-	4	45	ATG	TAG	0	0
mORF_-_336239	336239	336406	-	6	168	TTG	TAA	0	0

mORF_-_336301	336301	336366	-	5	66	TTG	TAA	0	0	
mORF_-_336394	336394	336600	-	5	207	GTG	TGA	0	0	
mORF_-_336443	336443	336745	-	6	303	TTG	TGA	1	3	pORF_-_336443
mORF_-_336528	336528	336593	-	4	66	ATG	TGA	0	0	
mORF_-_336607	336607	336627	-	5	21	ATG	TGA	0	0	
mORF_-_336628	336628	337071	-	5	444	ATG	TGA	0	0	
mORF_-_336917	336917	337318	-	6	402	ATG	TAG	3	35	pORF_-_336917
mORF_-_337102	337102	337113	-	5	12	ATG	TAG	0	0	
mORF_-_337114	337114	337398	-	5	285	ATG	TGA	0	0	
mORF_-_337395	337395	337436	-	4	42	ATG	TGA	0	0	
mORF_-_337405	337405	337533	-	5	129	TTG	TAG	0	0	
mORF_-_337439	337439	337561	-	6	123	GTG	TAA	0	0	
mORF_-_337524	337524	337604	-	4	81	ATG	TAA	0	0	
mORF_-_337558	337558	338052	-	5	495	GTG	TGA	0	0	
mORF_-_337565	337565	337576	-	6	12	ATG	TAA	0	0	
mORF_-_337644	337644	337730	-	4	87	TTG	TGA	0	0	
mORF_-_337800	337800	337841	-	4	42	ATG	TGA	0	0	
mORF_-_337845	337845	337979	-	4	135	GTG	TGA	0	0	
mORF_-_337992	337992	338066	-	4	75	TTG	TGA	0	0	
mORF_-_338070	338070	338081	-	4	12	ATG	TAG	0	0	
mORF_-_338085	338085	338282	-	4	198	TTG	TAA	0	0	
mORF_-_338132	338132	338188	-	6	57	TTG	TAG	0	0	
mORF_-_338210	338210	338299	-	6	90	GTG	TAA	0	0	
mORF_-_338233	338233	338907	-	5	675	ATG	TAA	0	0	
mORF_-_338391	338391	338480	-	4	90	ATG	TAG	0	0	
mORF_-_338580	338580	338627	-	4	48	GTG	TAA	0	0	
mORF_-_338634	338634	338696	-	4	63	GTG	TAG	0	0	
mORF_-_338724	338724	338936	-	4	213	ATG	TGA	0	0	
mORF_-_338783	338783	338803	-	6	21	TTG	TAA	0	0	
mORF_-_338846	338846	338911	-	6	66	GTG	TGA	0	0	
mORF_-_338955	338955	339062	-	4	108	ATG	TAA	0	0	
mORF_-_338969	338969	338980	-	6	12	ATG	TAG	0	0	
mORF_-_339011	339011	339055	-	6	45	ATG	TAG	0	0	
mORF_-_339055	339055	339072	-	5	18	ATG	TGA	0	0	
mORF_-_339066	339066	339248	-	4	183	ATG	TGA	0	0	
mORF_-_339104	339104	339148	-	6	45	ATG	TAG	0	0	
mORF_-_339148	339148	339165	-	5	18	GTG	TGA	0	0	
mORF_-_339197	339197	339241	-	6	45	ATG	TAG	0	0	
mORF_-_339241	339241	339333	-	5	93	ATG	TGA	0	0	
mORF_-_339290	339290	339541	-	6	252	GTG	TAG	0	0	
mORF_-_339352	339352	339435	-	5	84	TTG	TGA	0	0	
mORF_-_339520	339520	339654	-	5	135	ATG	TAA	0	0	
mORF_-_339569	339569	339592	-	6	24	GTG	TAA	0	0	
mORF_-_339611	339611	339769	-	6	159	ATG	TAA	0	0	
mORF_-_339697	339697	339720	-	5	24	GTG	TGA	0	0	
mORF_-_339717	339717	339791	-	4	75	ATG	TGA	0	0	
mORF_-_339730	339730	339783	-	5	54	ATG	TGA	0	0	
mORF_-_339795	339795	339917	-	4	123	GTG	TAA	0	0	
mORF_-_339818	339818	340195	-	6	378	ATG	TAA	0	0	
mORF_-_339868	339868	339924	-	5	57	ATG	TAG	0	0	
mORF_-_340006	340006	340035	-	5	30	TTG	TAA	0	0	
mORF_-_340069	340069	340095	-	5	27	GTG	TGA	0	0	
mORF_-_340089	340089	340220	-	4	132	TTG	TGA	0	0	
mORF_-_340117	340117	340170	-	5	54	ATG	TGA	0	0	
mORF_-_340177	340177	340320	-	5	144	GTG	TAG	0	0	
mORF_-_340224	340224	340241	-	4	18	ATG	TGA	0	0	
mORF_-_340244	340244	340444	-	6	201	ATG	TAA	0	0	
mORF_-_340321	340321	340497	-	5	177	GTG	TGA	0	0	
mORF_-_340463	340463	340825	-	6	363	TTG	TAG	0	0	
mORF_-_340546	340546	340578	-	5	33	GTG	TAG	0	0	
mORF_-_340600	340600	340653	-	5	54	GTG	TGA	0	0	
mORF_-_340663	340663	340707	-	5	45	ATG	TAG	0	0	
mORF_-_340714	340714	340725	-	5	12	TTG	TGA	0	0	

mORF_-_340732	340732	340833	-	5	102	GTG	TAA	0	0
mORF_-_340834	340834	340905	-	5	72	TTG	TGA	0	0
mORF_-_340862	340862	341008	-	6	147	GTG	TAA	0	0
mORF_-_341036	341036	341449	-	6	414	GTG	TAA	0	0
mORF_-_341068	341068	341130	-	5	63	ATG	TAA	0	0
mORF_-_341149	341149	341157	-	5	9	TTG	TAG	0	0
mORF_-_341170	341170	341211	-	5	42	TTG	TGA	0	0
mORF_-_341208	341208	341243	-	4	36	GTG	TGA	0	0
mORF_-_341212	341212	341265	-	5	54	ATG	TAA	0	0
mORF_-_341265	341265	341288	-	4	24	TTG	TGA	0	0
mORF_-_341269	341269	341430	-	5	162	GTG	TGA	0	0
mORF_-_341458	341458	341490	-	5	33	TTG	TAA	0	0
mORF_-_341506	341506	341556	-	5	51	GTG	TAG	0	0
mORF_-_341517	341517	341753	-	4	237	TTG	TAG	0	0
mORF_-_341549	341549	341935	-	6	387	GTG	TAA	0	0
mORF_-_341908	341908	341928	-	5	21	TTG	TAA	0	0
mORF_-_341916	341916	341981	-	4	66	ATG	TAA	0	0
mORF_-_341932	341932	341937	-	5	6	GTG	TGA	0	0
mORF_-_341953	341953	342108	-	5	156	TTG	TAA	0	0
mORF_-_341982	341982	341996	-	4	15	ATG	TGA	0	0
mORF_-_342018	342018	342086	-	4	69	ATG	TAA	0	0
mORF_-_342089	342089	342199	-	6	111	TTG	TAG	0	0
mORF_-_342093	342093	342479	-	4	387	ATG	TGA	0	0
mORF_-_342115	342115	342132	-	5	18	ATG	TGA	0	0
mORF_-_342139	342139	342150	-	5	12	GTG	TAG	0	0
mORF_-_342196	342196	342498	-	5	303	GTG	TGA	0	0
mORF_-_342326	342326	342373	-	6	48	ATG	TGA	0	0
mORF_-_342431	342431	342445	-	6	15	GTG	TGA	0	0
mORF_-_342495	342495	342548	-	4	54	TTG	TGA	0	0
mORF_-_342539	342539	342595	-	6	57	GTG	TGA	0	0
mORF_-_342606	342606	342707	-	4	102	ATG	TAG	0	0
mORF_-_342611	342611	342787	-	6	177	TTG	TGA	0	0
mORF_-_342679	342679	342717	-	5	39	ATG	TAA	0	0
mORF_-_342718	342718	342750	-	5	33	TTG	TAA	0	0
mORF_-_342775	342775	342783	-	5	9	GTG	TAA	0	0
mORF_-_342780	342780	343076	-	4	297	TTG	TGA	0	0
mORF_-_342806	342806	342997	-	6	192	ATG	TGA	0	0
mORF_-_342826	342826	342852	-	5	27	GTG	TGA	0	0
mORF_-_342868	342868	342924	-	5	57	GTG	TAA	0	0
mORF_-_343007	343007	343042	-	6	36	ATG	TGA	0	0
mORF_-_343088	343088	343144	-	6	57	GTG	TAG	0	0
mORF_-_343129	343129	343206	-	5	78	GTG	TAA	0	0
mORF_-_343219	343219	343242	-	5	24	TTG	TAA	0	0
mORF_-_343270	343270	343311	-	5	42	GTG	TAA	0	0
mORF_-_343278	343278	343301	-	4	24	GTG	TAA	0	0
mORF_-_343283	343283	343303	-	6	21	TTG	TAA	0	0
mORF_-_343308	343308	343313	-	4	6	GTG	TGA	0	0
mORF_-_343362	343362	343439	-	4	78	ATG	TAA	0	0
mORF_-_343381	343381	343476	-	5	96	TTG	TAA	0	0
mORF_-_343409	343409	343450	-	6	42	TTG	TAA	0	0
mORF_-_343477	343477	343530	-	5	54	TTG	TGA	0	0
mORF_-_343481	343481	343546	-	6	66	TTG	TAA	0	0
mORF_-_343561	343561	343602	-	5	42	ATG	TAA	0	0
mORF_-_343580	343580	343606	-	6	27	ATG	TAA	0	0
mORF_-_343603	343603	343659	-	5	57	ATG	TGA	0	0
mORF_-_343608	343608	343652	-	4	45	GTG	TGA	0	0
mORF_-_343637	343637	343753	-	6	117	TTG	TGA	0	0
mORF_-_343735	343735	343740	-	5	6	ATG	TGA	0	0
mORF_-_343750	343750	344001	-	5	252	ATG	TGA	0	0
mORF_-_343800	343800	343808	-	4	9	TTG	TAA	0	0
mORF_-_343862	343862	344020	-	6	159	ATG	TGA	0	0
mORF_-_344001	344001	344108	-	4	108	ATG	TAA	0	0
mORF_-_344030	344030	344035	-	6	6	GTG	TAA	0	0

mORF_-_344159	344159	344191	-	6	33	GTG	TAA	0	0	
mORF_-_344203	344203	344208	-	5	6	GTG	TAG	0	0	
mORF_-_344212	344212	344268	-	5	57	TTG	TAA	0	0	
mORF_-_344243	344243	344317	-	6	75	ATG	TAA	0	0	
mORF_-_344278	344278	344448	-	5	171	ATG	TGA	0	0	
mORF_-_344283	344283	344312	-	4	30	ATG	TGA	0	0	
mORF_-_344361	344361	344417	-	4	57	ATG	TAA	0	0	
mORF_-_344414	344414	344452	-	6	39	ATG	TGA	0	0	
mORF_-_344449	344449	344466	-	5	18	ATG	TGA	0	0	
mORF_-_344463	344463	344639	-	4	177	TTG	TGA	0	0	
mORF_-_344474	344474	344515	-	6	42	GTG	TGA	0	0	
mORF_-_344546	344546	344554	-	6	9	TTG	TGA	0	0	
mORF_-_344564	344564	344647	-	6	84	TTG	TAA	0	0	
mORF_-_344644	344644	344733	-	5	90	TTG	TGA	0	0	
mORF_-_344676	344676	344687	-	4	12	TTG	TGA	0	0	
mORF_-_344711	344711	344749	-	6	39	GTG	TAG	0	0	
mORF_-_344715	344715	344747	-	4	33	GTG	TGA	0	0	
mORF_-_344776	344776	344787	-	5	12	TTG	TAG	0	0	
mORF_-_344784	344784	344813	-	4	30	GTG	TGA	0	0	
mORF_-_344794	344794	344832	-	5	39	ATG	TAA	0	0	
mORF_-_344829	344829	344855	-	4	27	TTG	TGA	0	0	
mORF_-_344882	344882	344893	-	6	12	GTG	TAA	0	0	
mORF_-_344890	344890	345561	-	5	672	ATG	TGA	0	0	
mORF_-_344916	344916	345056	-	4	141	TTG	TGA	0	0	
mORF_-_345020	345020	345085	-	6	66	ATG	TAG	0	0	
mORF_-_345072	345072	345101	-	4	30	ATG	TAA	0	0	
mORF_-_345165	345165	345188	-	4	24	ATG	TAA	0	0	
mORF_-_345200	345200	345268	-	6	69	ATG	TAG	0	0	
mORF_-_345222	345222	345317	-	4	96	GTG	TGA	0	0	
mORF_-_345314	345314	345319	-	6	6	GTG	TGA	0	0	
mORF_-_345327	345327	345371	-	4	45	ATG	TAA	0	0	
mORF_-_345438	345438	345446	-	4	9	TTG	TAG	0	0	
mORF_-_345495	345495	345533	-	4	39	ATG	TGA	0	0	
mORF_-_345558	345558	345572	-	4	15	TTG	TGA	0	0	
mORF_-_345566	345566	345598	-	6	33	GTG	TAG	0	0	
mORF_-_345595	345595	345600	-	5	6	TTG	TGA	0	0	
mORF_-_345643	345643	345657	-	5	15	TTG	TAG	0	0	
mORF_-_345650	345650	345760	-	6	111	TTG	TAA	0	0	
mORF_-_345654	345654	345692	-	4	39	TTG	TGA	0	0	
mORF_-_345754	345754	345870	-	5	117	TTG	TAA	0	0	
mORF_-_345764	345764	345886	-	6	123	TTG	TAG	0	0	
mORF_-_345837	345837	345953	-	4	117	GTG	TGA	0	0	
mORF_-_345883	345883	345963	-	5	81	TTG	TGA	0	0	
mORF_-_345932	345932	345958	-	6	27	GTG	TGA	0	0	
mORF_-_345968	345968	346033	-	6	66	ATG	TAA	0	0	
mORF_-_345993	345993	346004	-	4	12	ATG	TAG	0	0	
mORF_-_346034	346034	346072	-	6	39	ATG	TAG	0	0	
mORF_-_346081	346081	347679	-	5	1599	TTG	TGA	1	3	pORF_-_346081
mORF_-_346122	346122	346154	-	4	33	ATG	TAG	0	0	
mORF_-_346257	346257	346280	-	4	24	GTG	TAA	0	0	
mORF_-_346305	346305	346364	-	4	60	GTG	TGA	0	0	
mORF_-_346503	346503	346589	-	4	87	ATG	TGA	0	0	
mORF_-_346590	346590	346937	-	4	348	TTG	TAG	1	2	pORF_-_346590
mORF_-_346938	346938	347060	-	4	123	ATG	TGA	0	0	
mORF_-_347091	347091	347105	-	4	15	ATG	TGA	0	0	
mORF_-_347223	347223	347393	-	4	171	ATG	TAA	0	0	
mORF_-_347442	347442	347483	-	4	42	GTG	TGA	0	0	
mORF_-_347517	347517	347570	-	4	54	TTG	TGA	0	0	
mORF_-_347610	347610	347645	-	4	36	ATG	TAA	0	0	
mORF_-_347645	347645	347674	-	6	30	GTG	TAA	0	0	
mORF_-_347703	347703	347717	-	4	15	ATG	TAA	0	0	
mORF_-_347714	347714	347746	-	6	33	ATG	TGA	0	0	
mORF_-_347758	347758	347772	-	5	15	ATG	TAA	0	0	

mORF_-_347782	347782	347790	-	5	9	ATG	TAA	0	0	
mORF_-_347787	347787	347822	-	4	36	ATG	TGA	0	0	
mORF_-_347801	347801	347884	-	6	84	TTG	TAG	0	0	
mORF_-_347832	347832	347849	-	4	18	GTG	TAA	0	0	
mORF_-_347869	347869	347985	-	5	117	TTG	TGA	0	0	
mORF_-_347904	347904	347945	-	4	42	GTG	TAG	0	0	
mORF_-_347912	347912	348280	-	6	369	ATG	TAG	0	0	
mORF_-_347949	347949	347963	-	4	15	ATG	TAG	0	0	
mORF_-_347988	347988	348029	-	4	42	TTG	TAG	0	0	
mORF_-_348031	348031	348204	-	5	174	GTG	TAA	0	0	
mORF_-_348277	348277	348381	-	5	105	GTG	TGA	0	0	
mORF_-_348433	348433	348633	-	5	201	ATG	TAG	0	0	
mORF_-_348564	348564	348614	-	4	51	GTG	TAA	0	0	
mORF_-_348578	348578	348592	-	6	15	ATG	TAA	0	0	
mORF_-_348617	348617	349354	-	6	738	TTG	TGA	0	0	
mORF_-_348655	348655	348738	-	5	84	TTG	TAG	0	0	
mORF_-_348742	348742	349188	-	5	447	ATG	TAG	0	0	
mORF_-_348954	348954	348992	-	4	39	ATG	TAG	0	0	
mORF_-_349047	349047	349085	-	4	39	ATG	TAG	0	0	
mORF_-_349140	349140	349436	-	4	297	GTG	TAG	0	0	
mORF_-_349207	349207	349248	-	5	42	TTG	TAG	0	0	
mORF_-_349276	349276	349299	-	5	24	GTG	TAA	0	0	
mORF_-_349373	349373	349441	-	6	69	TTG	TAG	0	0	
mORF_-_349469	349469	349648	-	6	180	TTG	TAA	0	0	
mORF_-_349533	349533	350318	-	4	786	TTG	TAA	0	0	
mORF_-_349663	349663	349782	-	5	120	ATG	TAA	1	4	pORF_-_349663
mORF_-_349691	349691	349741	-	6	51	ATG	TAG	0	0	
mORF_-_349748	349748	349879	-	6	132	GTG	TGA	0	0	
mORF_-_349903	349903	349935	-	5	33	TTG	TAA	0	0	
mORF_-_349979	349979	350044	-	6	66	ATG	TAG	0	0	
mORF_-_350063	350063	350203	-	6	141	TTG	TAA	0	0	
mORF_-_350228	350228	350308	-	6	81	ATG	TAG	0	0	
mORF_-_350260	350260	350268	-	5	9	GTG	TGA	0	0	
mORF_-_350321	350321	350353	-	6	33	TTG	TGA	0	0	
mORF_-_350354	350354	350422	-	6	69	TTG	TAA	0	0	
mORF_-_350410	350410	350439	-	5	30	TTG	TAG	0	0	
mORF_-_350442	350442	350951	-	4	510	GTG	TGA	0	0	
mORF_-_350447	350447	350461	-	6	15	ATG	TGA	0	0	
mORF_-_350501	350501	350509	-	6	9	ATG	TAA	0	0	
mORF_-_350527	350527	350706	-	5	180	ATG	TAG	0	0	
mORF_-_350537	350537	350545	-	6	9	GTG	TAG	0	0	
mORF_-_350552	350552	350653	-	6	102	TTG	TAA	0	0	
mORF_-_350675	350675	350887	-	6	213	TTG	TGA	0	0	
mORF_-_350740	350740	350880	-	5	141	TTG	TGA	0	0	
mORF_-_350900	350900	351025	-	6	126	TTG	TGA	0	0	
mORF_-_350958	350958	351077	-	4	120	ATG	TAA	0	0	
mORF_-_351022	351022	351147	-	5	126	GTG	TGA	0	0	
mORF_-_351053	351053	351067	-	6	15	GTG	TGA	0	0	
mORF_-_351068	351068	351124	-	6	57	GTG	TAG	0	0	
mORF_-_351180	351180	351476	-	4	297	GTG	TGA	0	0	
mORF_-_351263	351263	351289	-	6	27	TTG	TAG	0	0	
mORF_-_351347	351347	351454	-	6	108	TTG	TAG	0	0	
mORF_-_351473	351473	351481	-	6	9	ATG	TGA	0	0	
mORF_-_351482	351482	351490	-	6	9	ATG	TGA	0	0	
mORF_-_351519	351519	352199	-	4	681	ATG	TAA	0	0	
mORF_-_351533	351533	351589	-	6	57	TTG	TAA	0	0	
mORF_-_351586	351586	351609	-	5	24	ATG	TGA	0	0	
mORF_-_351620	351620	351715	-	6	96	ATG	TAG	0	0	
mORF_-_351670	351670	351684	-	5	15	GTG	TGA	0	0	
mORF_-_351734	351734	351886	-	6	153	ATG	TGA	0	0	
mORF_-_351914	351914	351928	-	6	15	ATG	TGA	0	0	
mORF_-_352037	352037	352177	-	6	141	GTG	TGA	0	0	
mORF_-_352180	352180	352236	-	5	57	ATG	TAA	0	0	

mORF_-_352190	352190	352321	-	6	132	ATG	TGA	0	0
mORF_-_352233	352233	352796	-	4	564	ATG	TGA	0	0
mORF_-_352331	352331	352444	-	6	114	ATG	TGA	0	0
mORF_-_352441	352441	352497	-	5	57	GTG	TGA	0	0
mORF_-_352580	352580	352639	-	6	60	ATG	TGA	0	0
mORF_-_352643	352643	352744	-	6	102	TTG	TAG	0	0
mORF_-_352669	352669	352770	-	5	102	ATG	TAG	0	0
mORF_-_352837	352837	352890	-	5	54	TTG	TAG	0	0
mORF_-_352904	352904	352978	-	6	75	TTG	TGA	0	0
mORF_-_352923	352923	353939	-	4	1017	ATG	TGA	0	0
mORF_-_353006	353006	353083	-	6	78	TTG	TAG	0	0
mORF_-_353183	353183	353233	-	6	51	TTG	TAG	0	0
mORF_-_353282	353282	353290	-	6	9	ATG	TGA	0	0
mORF_-_353321	353321	353371	-	6	51	ATG	TAA	0	0
mORF_-_353390	353390	353767	-	6	378	ATG	TGA	0	0
mORF_-_353614	353614	353688	-	5	75	TTG	TAA	0	0
mORF_-_353789	353789	353893	-	6	105	ATG	TGA	0	0
mORF_-_353896	353896	354036	-	5	141	GTG	TAG	0	0
mORF_-_353990	353990	354040	-	6	51	ATG	TAG	0	0
mORF_-_354003	354003	354065	-	4	63	GTG	TAA	0	0
mORF_-_354041	354041	354154	-	6	114	TTG	TGA	0	0
mORF_-_354087	354087	354131	-	4	45	TTG	TGA	0	0
mORF_-_354121	354121	354270	-	5	150	GTG	TGA	0	0
mORF_-_354165	354165	354212	-	4	48	ATG	TAA	0	0
mORF_-_354233	354233	354295	-	6	63	ATG	TAA	0	0
mORF_-_354292	354292	354318	-	5	27	ATG	TGA	0	0
mORF_-_354315	354315	354371	-	4	57	TTG	TGA	0	0
mORF_-_354340	354340	354345	-	5	6	GTG	TAA	0	0
mORF_-_354347	354347	354391	-	6	45	ATG	TGA	0	0
mORF_-_354358	354358	354387	-	5	30	GTG	TAA	0	0
mORF_-_354417	354417	354515	-	4	99	TTG	TAA	0	0
mORF_-_354457	354457	354585	-	5	129	ATG	TGA	0	0
mORF_-_354643	354643	354900	-	5	258	ATG	TAA	0	0
mORF_-_354663	354663	354710	-	4	48	GTG	TAA	0	0
mORF_-_354689	354689	354712	-	6	24	TTG	TAA	0	0
mORF_-_354723	354723	354755	-	4	33	ATG	TGA	0	0
mORF_-_354864	354864	354995	-	4	132	GTG	TAA	0	0
mORF_-_354928	354928	354984	-	5	57	TTG	TGA	0	0
mORF_-_354997	354997	355164	-	5	168	ATG	TAG	0	0
mORF_-_355068	355068	355088	-	4	21	ATG	TAA	0	0
mORF_-_355088	355088	355276	-	6	189	GTG	TAA	0	0
mORF_-_355192	355192	355302	-	5	111	TTG	TAG	0	0
mORF_-_355310	355310	355381	-	6	72	ATG	TAA	0	0
mORF_-_355327	355327	355419	-	5	93	TTG	TAG	0	0
mORF_-_355338	355338	355373	-	4	36	TTG	TAA	0	0
mORF_-_355410	355410	355415	-	4	6	TTG	TAA	0	0
mORF_-_355434	355434	355547	-	4	114	TTG	TAA	0	0
mORF_-_355463	355463	355519	-	6	57	ATG	TGA	0	0
mORF_-_355551	355551	355613	-	4	63	TTG	TAA	0	0
mORF_-_355555	355555	355803	-	5	249	TTG	TAA	0	0
mORF_-_355583	355583	355597	-	6	15	GTG	TGA	0	0
mORF_-_355625	355625	355744	-	6	120	ATG	TGA	0	0
mORF_-_355680	355680	355763	-	4	84	ATG	TAA	0	0
mORF_-_355785	355785	355847	-	4	63	TTG	TAG	0	0
mORF_-_355862	355862	356029	-	6	168	ATG	TGA	0	0
mORF_-_355920	355920	356150	-	4	231	GTG	TAA	0	0
mORF_-_356036	356036	356140	-	6	105	GTG	TGA	0	0
mORF_-_356122	356122	356175	-	5	54	GTG	TGA	0	0
mORF_-_356153	356153	356233	-	6	81	TTG	TAG	0	0
mORF_-_356172	356172	356405	-	4	234	ATG	TGA	0	0
mORF_-_356230	356230	356268	-	5	39	TTG	TGA	0	0
mORF_-_356237	356237	356314	-	6	78	ATG	TGA	0	0
mORF_-_356423	356423	356458	-	6	36	GTG	TAG	0	0

mORF_-_356451	356451	356630	-	4	180	TTG	TAA	0	0
mORF_-_356455	356455	356472	-	5	18	TTG	TGA	0	0
mORF_-_356492	356492	356521	-	6	30	TTG	TAA	0	0
mORF_-_356527	356527	356628	-	5	102	GTG	TAA	0	0
mORF_-_356582	356582	356662	-	6	81	ATG	TAA	0	0
mORF_-_356666	356666	356671	-	6	6	TTG	TAA	0	0
mORF_-_356688	356688	356750	-	4	63	GTG	TAA	0	0
mORF_-_356704	356704	356781	-	5	78	ATG	TAA	0	0
mORF_-_356738	356738	356788	-	6	51	TTG	TAG	0	0
mORF_-_356808	356808	356840	-	4	33	TTG	TGA	0	0
mORF_-_356815	356815	356868	-	5	54	TTG	TAG	0	0
mORF_-_356825	356825	356950	-	6	126	GTG	TGA	0	0
mORF_-_356904	356904	356981	-	4	78	ATG	TAA	0	0
mORF_-_356938	356938	356988	-	5	51	TTG	TAG	0	0
mORF_-_357008	357008	357184	-	6	177	TTG	TGA	0	0
mORF_-_357015	357015	357998	-	4	984	ATG	TAG	0	0
mORF_-_357025	357025	357048	-	5	24	ATG	TGA	0	0
mORF_-_357224	357224	357355	-	6	132	ATG	TGA	0	0
mORF_-_357365	357365	357382	-	6	18	ATG	TGA	0	0
mORF_-_357379	357379	357507	-	5	129	TTG	TGA	0	0
mORF_-_357431	357431	357574	-	6	144	ATG	TGA	0	0
mORF_-_357650	357650	357772	-	6	123	TTG	TGA	0	0
mORF_-_357797	357797	357937	-	6	141	TTG	TAG	0	0
mORF_-_357967	357967	357975	-	5	9	TTG	TAA	0	0
mORF_-_357995	357995	358216	-	6	222	TTG	TGA	0	0
mORF_-_358017	358017	358385	-	4	369	GTG	TAA	0	0
mORF_-_358048	358048	358068	-	5	21	ATG	TAA	0	0
mORF_-_358090	358090	358125	-	5	36	GTG	TAA	0	0
mORF_-_358229	358229	358300	-	6	72	ATG	TAG	0	0
mORF_-_358313	358313	358342	-	6	30	ATG	TGA	0	0
mORF_-_358352	358352	358360	-	6	9	ATG	TGA	0	0
mORF_-_358394	358394	358483	-	6	90	ATG	TAA	0	0
mORF_-_358404	358404	358436	-	4	33	ATG	TGA	0	0
mORF_-_358417	358417	358452	-	5	36	TTG	TAA	0	0
mORF_-_358449	358449	358556	-	4	108	GTG	TGA	0	0
mORF_-_358495	358495	358626	-	5	132	GTG	TAG	0	0
mORF_-_358565	358565	358654	-	6	90	ATG	TAG	0	0
mORF_-_358659	358659	358667	-	4	9	TTG	TAG	0	0
mORF_-_358691	358691	358714	-	6	24	ATG	TAA	0	0
mORF_-_358699	358699	358725	-	5	27	GTG	TGA	0	0
mORF_-_358718	358718	358819	-	6	102	GTG	TGA	0	0
mORF_-_358722	358722	358727	-	4	6	TTG	TGA	0	0
mORF_-_358780	358780	359031	-	5	252	TTG	TAG	0	0
mORF_-_358859	358859	358963	-	6	105	ATG	TGA	0	0
mORF_-_358929	358929	359051	-	4	123	ATG	TAG	0	0
mORF_-_359048	359048	359203	-	6	156	TTG	TGA	0	0
mORF_-_359143	359143	359196	-	5	54	TTG	TGA	0	0
mORF_-_359200	359200	359358	-	5	159	ATG	TGA	0	0
mORF_-_359244	359244	359258	-	4	15	GTG	TAA	0	0
mORF_-_359262	359262	359279	-	4	18	GTG	TGA	0	0
mORF_-_359282	359282	359476	-	6	195	TTG	TAG	0	0
mORF_-_359392	359392	359424	-	5	33	ATG	TGA	0	0
mORF_-_359424	359424	359453	-	4	30	ATG	TGA	0	0
mORF_-_359467	359467	359529	-	5	63	ATG	TAA	0	0
mORF_-_359490	359490	359501	-	4	12	GTG	TAA	0	0
mORF_-_359553	359553	359774	-	4	222	TTG	TAA	0	0
mORF_-_359566	359566	359640	-	5	75	ATG	TGA	0	0
mORF_-_359651	359651	359764	-	6	114	GTG	TAA	0	0
mORF_-_359677	359677	359799	-	5	123	GTG	TGA	0	0
mORF_-_359838	359838	359930	-	4	93	ATG	TAA	0	0
mORF_-_359921	359921	359986	-	6	66	ATG	TAA	0	0
mORF_-_359986	359986	360000	-	5	15	TTG	TGA	0	0
mORF_-_360023	360023	360067	-	6	45	TTG	TAA	0	0

mORF_-_360098	360098	360286	-	6	189	ATG	TAA	0	0	
mORF_-_360145	360145	360261	-	5	117	TTG	TGA	0	0	
mORF_-_360252	360252	360281	-	4	30	ATG	TGA	0	0	
mORF_-_360283	360283	360462	-	5	180	TTG	TGA	0	0	
mORF_-_360312	360312	360332	-	4	21	GTG	TGA	0	0	
mORF_-_360357	360357	360368	-	4	12	ATG	TGA	0	0	
mORF_-_360466	360466	360489	-	5	24	TTG	TAA	0	0	
mORF_-_360473	360473	361135	-	6	663	ATG	TAA	1	0	pORF_-_360473
mORF_-_360516	360516	360551	-	4	36	TTG	TAA	0	0	
mORF_-_360529	360529	360684	-	5	156	TTG	TAA	0	0	
mORF_-_360721	360721	360774	-	5	54	TTG	TGA	0	0	
mORF_-_360775	360775	360789	-	5	15	GTG	TGA	0	0	
mORF_-_360796	360796	360816	-	5	21	TTG	TAA	0	0	
mORF_-_360820	360820	360837	-	5	18	ATG	TAA	0	0	
mORF_-_360910	360910	360921	-	5	12	TTG	TAG	0	0	
mORF_-_360934	360934	360984	-	5	51	ATG	TGA	0	0	
mORF_-_360981	360981	361031	-	4	51	GTG	TGA	0	0	
mORF_-_360988	360988	361002	-	5	15	GTG	TAA	0	0	
mORF_-_361098	361098	361163	-	4	66	ATG	TAA	0	0	
mORF_-_361150	361150	362403	-	5	1254	ATG	TAA	1	4	pORF_-_361150
mORF_-_361221	361221	361286	-	4	66	ATG	TAA	0	0	
mORF_-_361317	361317	361433	-	4	117	TTG	TGA	0	0	
mORF_-_361449	361449	361544	-	4	96	GTG	TGA	0	0	
mORF_-_361560	361560	361571	-	4	12	TTG	TGA	0	0	
mORF_-_361611	361611	361799	-	4	189	GTG	TAA	0	0	
mORF_-_361685	361685	361738	-	6	54	GTG	TGA	0	0	
mORF_-_361800	361800	362018	-	4	219	TTG	TAG	0	0	
mORF_-_361907	361907	361945	-	6	39	GTG	TAA	0	0	
mORF_-_362028	362028	362042	-	4	15	GTG	TAG	0	0	
mORF_-_362048	362048	362173	-	6	126	GTG	TAA	0	0	
mORF_-_362061	362061	362081	-	4	21	TTG	TAG	0	0	
mORF_-_362091	362091	362144	-	4	54	TTG	TAG	0	0	
mORF_-_362151	362151	362300	-	4	150	ATG	TAG	0	0	
mORF_-_362297	362297	362677	-	6	381	GTG	TGA	0	0	
mORF_-_362455	362455	365529	-	5	3075	ATG	TAA	0	0	
mORF_-_362499	362499	362549	-	4	51	TTG	TGA	0	0	
mORF_-_362625	362625	362690	-	4	66	ATG	TGA	0	0	
mORF_-_362694	362694	362783	-	4	90	TTG	TGA	0	0	
mORF_-_362874	362874	362954	-	4	81	TTG	TGA	0	0	
mORF_-_362951	362951	363004	-	6	54	GTG	TGA	0	0	
mORF_-_363021	363021	363140	-	4	120	GTG	TGA	0	0	
mORF_-_363032	363032	363055	-	6	24	GTG	TGA	0	0	
mORF_-_363141	363141	363170	-	4	30	GTG	TAA	0	0	
mORF_-_363195	363195	363218	-	4	24	TTG	TGA	0	0	
mORF_-_363209	363209	363223	-	6	15	GTG	TAA	0	0	
mORF_-_363251	363251	363262	-	6	12	TTG	TAA	0	0	
mORF_-_363269	363269	363406	-	6	138	ATG	TAA	0	0	
mORF_-_363342	363342	363347	-	4	6	GTG	TGA	0	0	
mORF_-_363426	363426	363488	-	4	63	TTG	TAG	0	0	
mORF_-_363489	363489	363551	-	4	63	ATG	TGA	0	0	
mORF_-_363675	363675	363704	-	4	30	TTG	TGA	0	0	
mORF_-_363717	363717	363794	-	4	78	ATG	TGA	0	0	
mORF_-_363755	363755	363775	-	6	21	GTG	TGA	0	0	
mORF_-_363801	363801	363890	-	4	90	TTG	TGA	0	0	
mORF_-_363896	363896	363976	-	6	81	ATG	TAA	0	0	
mORF_-_363927	363927	364148	-	4	222	ATG	TGA	0	0	
mORF_-_364004	364004	364030	-	6	27	TTG	TGA	0	0	
mORF_-_364167	364167	364172	-	4	6	GTG	TGA	0	0	
mORF_-_364218	364218	364244	-	4	27	ATG	TGA	0	0	
mORF_-_364257	364257	364304	-	4	48	ATG	TGA	0	0	
mORF_-_364292	364292	364336	-	6	45	GTG	TGA	0	0	
mORF_-_364392	364392	364439	-	4	48	ATG	TGA	0	0	
mORF_-_364494	364494	364559	-	4	66	TTG	TGA	0	0	

mORF_-_364560	364560	364598	-	4	39	GTG	TGA	0	0	
mORF_-_364586	364586	364627	-	6	42	GTG	TGA	0	0	
mORF_-_364647	364647	364739	-	4	93	GTG	TGA	0	0	
mORF_-_364736	364736	364747	-	6	12	ATG	TGA	0	0	
mORF_-_364758	364758	364898	-	4	141	GTG	TAA	0	0	
mORF_-_364772	364772	364789	-	6	18	GTG	TGA	0	0	
mORF_-_364895	364895	364921	-	6	27	GTG	TGA	0	0	
mORF_-_364911	364911	364952	-	4	42	GTG	TGA	0	0	
mORF_-_365007	365007	365189	-	4	183	TTG	TGA	0	0	
mORF_-_365018	365018	365071	-	6	54	GTG	TGA	0	0	
mORF_-_365144	365144	365164	-	6	21	TTG	TAA	0	0	
mORF_-_365217	365217	365363	-	4	147	ATG	TGA	0	0	
mORF_-_365288	365288	365356	-	6	69	ATG	TGA	0	0	
mORF_-_365364	365364	365486	-	4	123	GTG	TGA	0	0	
mORF_-_365526	365526	365573	-	4	48	GTG	TGA	0	0	
mORF_-_365552	365552	365593	-	6	42	ATG	TAA	0	0	
mORF_-_365560	365560	365571	-	5	12	GTG	TGA	0	0	
mORF_-_365627	365627	365635	-	6	9	GTG	TAG	0	0	
mORF_-_365632	365632	365895	-	5	264	ATG	TGA	0	0	
mORF_-_365652	365652	366743	-	4	1092	GTG	TGA	4	17	pORF_-_365652
mORF_-_365924	365924	366034	-	6	111	ATG	TAG	0	0	
mORF_-_366035	366035	366073	-	6	39	GTG	TGA	0	0	
mORF_-_366179	366179	366349	-	6	171	ATG	TAG	0	0	
mORF_-_366368	366368	366376	-	6	9	GTG	TGA	0	0	
mORF_-_366437	366437	366544	-	6	108	TTG	TAG	0	0	
mORF_-_366484	366484	366801	-	5	318	ATG	TAA	0	0	
mORF_-_366662	366662	366712	-	6	51	ATG	TGA	0	0	
mORF_-_366731	366731	366736	-	6	6	ATG	TGA	0	0	
mORF_-_366737	366737	366814	-	6	78	TTG	TGA	0	0	
mORF_-_366771	366771	366866	-	4	96	TTG	TGA	0	0	
mORF_-_366811	366811	367758	-	5	948	ATG	TGA	1	2	pORF_-_366811
mORF_-_366888	366888	366932	-	4	45	TTG	TAG	0	0	
mORF_-_366963	366963	366974	-	4	12	TTG	TGA	0	0	
mORF_-_366975	366975	366989	-	4	15	GTG	TGA	0	0	
mORF_-_367095	367095	367127	-	4	33	GTG	TAA	0	0	
mORF_-_367124	367124	367180	-	6	57	TTG	TGA	0	0	
mORF_-_367212	367212	367394	-	4	183	GTG	TGA	0	0	
mORF_-_367298	367298	367384	-	6	87	GTG	TGA	0	0	
mORF_-_367428	367428	367562	-	4	135	TTG	TGA	0	0	
mORF_-_367599	367599	367634	-	4	36	ATG	TAA	0	0	
mORF_-_367646	367646	367747	-	6	102	TTG	TAA	0	0	
mORF_-_367665	367665	367694	-	4	30	ATG	TAA	0	0	
mORF_-_367731	367731	367745	-	4	15	GTG	TAG	0	0	
mORF_-_367755	367755	367841	-	4	87	TTG	TGA	0	0	
mORF_-_367759	367759	367857	-	5	99	ATG	TAA	0	0	
mORF_-_367769	367769	368296	-	6	528	GTG	TAA	0	0	
mORF_-_367930	367930	367950	-	5	21	ATG	TAG	0	0	
mORF_-_367990	367990	368103	-	5	114	GTG	TAG	0	0	
mORF_-_368100	368100	368138	-	4	39	TTG	TGA	0	0	
mORF_-_368269	368269	368382	-	5	114	GTG	TGA	0	0	
mORF_-_368328	368328	368417	-	4	90	TTG	TGA	0	0	
mORF_-_368419	368419	368445	-	5	27	TTG	TGA	0	0	
mORF_-_368453	368453	368587	-	6	135	TTG	TAA	0	0	
mORF_-_368518	368518	368631	-	5	114	TTG	TGA	0	0	
mORF_-_368603	368603	368869	-	6	267	GTG	TAA	0	0	
mORF_-_368656	368656	368733	-	5	78	ATG	TAG	0	0	
mORF_-_368781	368781	368792	-	4	12	ATG	TAA	0	0	
mORF_-_368866	368866	368907	-	5	42	TTG	TGA	0	0	
mORF_-_368942	368942	369292	-	6	351	GTG	TAA	0	0	
mORF_-_368992	368992	369015	-	5	24	TTG	TAG	0	0	
mORF_-_369031	369031	369084	-	5	54	TTG	TAA	0	0	
mORF_-_369094	369094	369246	-	5	153	ATG	TGA	0	0	
mORF_-_369105	369105	369239	-	4	135	GTG	TGA	0	0	

mORF_-_369243	369243	369659	-	4	417	GTG	TGA	0	0
mORF_-_369271	369271	369423	-	5	153	TTG	TGA	0	0
mORF_-_369302	369302	369412	-	6	111	TTG	TAG	0	0
mORF_-_369515	369515	369583	-	6	69	TTG	TGA	0	0
mORF_-_369580	369580	369720	-	5	141	TTG	TGA	0	0
mORF_-_369659	369659	369664	-	6	6	TTG	TAG	0	0
mORF_-_369674	369674	369796	-	6	123	ATG	TAG	0	0
mORF_-_369699	369699	370076	-	4	378	ATG	TAA	0	0
mORF_-_369824	369824	369997	-	6	174	TTG	TAA	0	0
mORF_-_370110	370110	370310	-	4	201	ATG	TAA	0	0
mORF_-_370178	370178	370360	-	6	183	TTG	TGA	0	0
mORF_-_370267	370267	370308	-	5	42	GTG	TGA	0	0
mORF_-_370342	370342	370392	-	5	51	TTG	TAG	0	0
mORF_-_370382	370382	371362	-	6	981	TTG	TAA	0	0
mORF_-_370422	370422	370478	-	4	57	GTG	TAA	0	0
mORF_-_370471	370471	370632	-	5	162	TTG	TGA	0	0
mORF_-_370657	370657	370695	-	5	39	TTG	TAG	0	0
mORF_-_370734	370734	370742	-	4	9	GTG	TAA	0	0
mORF_-_370765	370765	370893	-	5	129	ATG	TGA	0	0
mORF_-_370902	370902	370916	-	4	15	TTG	TAA	0	0
mORF_-_371065	371065	371223	-	5	159	ATG	TGA	0	0
mORF_-_371097	371097	371129	-	4	33	GTG	TAG	0	0
mORF_-_371260	371260	371295	-	5	36	TTG	TGA	0	0
mORF_-_371292	371292	371321	-	4	30	GTG	TGA	0	0
mORF_-_371326	371326	371340	-	5	15	ATG	TAA	0	0
mORF_-_371337	371337	371531	-	4	195	GTG	TGA	0	0
mORF_-_371375	371375	371566	-	6	192	TTG	TAA	0	0
mORF_-_371452	371452	371460	-	5	9	ATG	TAA	0	0
mORF_-_371461	371461	371469	-	5	9	ATG	TGA	0	0
mORF_-_371563	371563	371595	-	5	33	ATG	TGA	0	0
mORF_-_371582	371582	371851	-	6	270	TTG	TAA	0	0
mORF_-_371599	371599	371769	-	5	171	ATG	TAA	0	0
mORF_-_371616	371616	371693	-	4	78	TTG	TGA	0	0
mORF_-_371785	371785	372393	-	5	609	ATG	TGA	0	0
mORF_-_371864	371864	371947	-	6	84	ATG	TAA	0	0
mORF_-_371952	371952	371975	-	4	24	GTG	TAA	0	0
mORF_-_372024	372024	372185	-	4	162	ATG	TAA	0	0
mORF_-_372035	372035	372082	-	6	48	ATG	TAA	0	0
mORF_-_372222	372222	372254	-	4	33	ATG	TGA	0	0
mORF_-_372261	372261	372362	-	4	102	ATG	TGA	0	0
mORF_-_372390	372390	372464	-	4	75	ATG	TGA	0	0
mORF_-_372439	372439	372513	-	5	75	TTG	TAA	0	0
mORF_-_372510	372510	372554	-	4	45	ATG	TGA	0	0
mORF_-_372530	372530	372577	-	6	48	GTG	TGA	0	0
mORF_-_372574	372574	372594	-	5	21	ATG	TGA	0	0
mORF_-_372594	372594	372824	-	4	231	TTG	TAA	0	0
mORF_-_372665	372665	372712	-	6	48	TTG	TAA	0	0
mORF_-_372734	372734	372820	-	6	87	TTG	TAA	0	0
mORF_-_372796	372796	372801	-	5	6	TTG	TGA	0	0
mORF_-_372861	372861	372917	-	4	57	TTG	TAA	0	0
mORF_-_372919	372919	372987	-	5	69	ATG	TAA	0	0
mORF_-_372999	372999	373841	-	4	843	ATG	TAG	0	0
mORF_-_373019	373019	373093	-	6	75	ATG	TAA	0	0
mORF_-_373109	373109	373150	-	6	42	ATG	TAA	0	0
mORF_-_373123	373123	373197	-	5	75	GTG	TGA	0	0
mORF_-_373157	373157	373192	-	6	36	TTG	TGA	0	0
mORF_-_373261	373261	373281	-	5	21	GTG	TAA	0	0
mORF_-_373265	373265	373366	-	6	102	GTG	TAG	0	0
mORF_-_373366	373366	373548	-	5	183	TTG	TAG	0	0
mORF_-_373460	373460	373540	-	6	81	TTG	TGA	0	0
mORF_-_373580	373580	373678	-	6	99	ATG	TAA	0	0
mORF_-_373717	373717	373794	-	5	78	GTG	TAG	0	0
mORF_-_373860	373860	373973	-	4	114	GTG	TAA	0	0

mORF_-_373994	373994	374242	-	6	249	ATG	TAA	0	0	
mORF_-_374001	374001	374141	-	4	141	ATG	TAA	0	0	
mORF_-_374224	374224	374343	-	5	120	ATG	TAA	0	0	
mORF_-_374325	374325	374444	-	4	120	ATG	TAA	0	0	
mORF_-_374426	374426	374551	-	6	126	GTG	TAA	0	0	
mORF_-_374527	374527	374679	-	5	153	ATG	TAA	0	0	
mORF_-_374586	374586	374591	-	4	6	ATG	TAG	0	0	
mORF_-_374624	374624	374638	-	6	15	TTG	TAA	0	0	
mORF_-_374643	374643	374669	-	4	27	TTG	TGA	0	0	
mORF_-_374676	374676	374732	-	4	57	ATG	TGA	0	0	
mORF_-_374681	374681	374821	-	6	141	GTG	TAA	0	0	
mORF_-_374710	374710	374835	-	5	126	TTG	TGA	0	0	
mORF_-_374775	374775	374804	-	4	30	ATG	TGA	0	0	
mORF_-_374849	374849	374998	-	6	150	GTG	TAA	0	0	
mORF_-_374910	374910	375131	-	4	222	ATG	TAA	0	0	
mORF_-_375053	375053	375325	-	6	273	TTG	TAA	0	0	
mORF_-_375175	375175	375186	-	5	12	TTG	TAA	0	0	
mORF_-_375351	375351	375362	-	4	12	GTG	TAA	0	0	
mORF_-_375375	375375	375527	-	4	153	ATG	TAG	0	0	
mORF_-_375386	375386	375589	-	6	204	ATG	TGA	0	0	
mORF_-_375400	375400	375462	-	5	63	TTG	TAG	0	0	
mORF_-_375540	375540	375551	-	4	12	ATG	TAA	0	0	
mORF_-_375586	375586	375645	-	5	60	TTG	TGA	0	0	
mORF_-_375590	375590	375697	-	6	108	TTG	TAA	0	0	
mORF_-_375675	375675	375929	-	4	255	GTG	TAA	0	0	
mORF_-_375737	375737	375814	-	6	78	GTG	TAG	0	0	
mORF_-_375845	375845	375868	-	6	24	GTG	TAA	0	0	
mORF_-_375904	375904	375939	-	5	36	GTG	TAA	0	0	
mORF_-_375926	375926	375934	-	6	9	TTG	TGA	0	0	
mORF_-_375964	375964	376002	-	5	39	TTG	TAG	0	0	
mORF_-_375971	375971	376051	-	6	81	TTG	TAA	0	0	
mORF_-_376011	376011	376016	-	4	6	TTG	TAA	0	0	
mORF_-_376038	376038	376457	-	4	420	GTG	TAA	0	0	
mORF_-_376042	376042	376140	-	5	99	GTG	TGA	0	0	
mORF_-_376208	376208	376396	-	6	189	ATG	TGA	0	0	
mORF_-_376315	376315	376320	-	5	6	GTG	TGA	0	0	
mORF_-_376427	376427	376510	-	6	84	TTG	TGA	0	0	
mORF_-_376507	376507	376539	-	5	33	ATG	TGA	0	0	
mORF_-_376592	376592	376633	-	6	42	GTG	TAG	0	0	
mORF_-_376599	376599	376658	-	4	60	ATG	TAA	0	0	
mORF_-_376692	376692	376733	-	4	42	GTG	TAG	0	0	
mORF_-_376699	376699	376740	-	5	42	ATG	TAA	0	0	
mORF_-_376730	376730	376762	-	6	33	TTG	TGA	0	0	
mORF_-_376759	376759	377592	-	5	834	ATG	TGA	3	7	pORF_-_376759
mORF_-_376770	376770	376838	-	4	69	ATG	TGA	0	0	
mORF_-_376872	376872	376934	-	4	63	GTG	TGA	0	0	
mORF_-_376935	376935	376964	-	4	30	TTG	TGA	0	0	
mORF_-_376989	376989	377114	-	4	126	ATG	TGA	0	0	
mORF_-_377024	377024	377059	-	6	36	GTG	TGA	0	0	
mORF_-_377208	377208	377258	-	4	51	ATG	TAG	0	0	
mORF_-_377255	377255	377263	-	6	9	GTG	TGA	0	0	
mORF_-_377280	377280	377369	-	4	90	TTG	TGA	0	0	
mORF_-_377436	377436	377507	-	4	72	ATG	TGA	0	0	
mORF_-_377508	377508	377516	-	4	9	GTG	TGA	0	0	
mORF_-_377513	377513	377518	-	6	6	ATG	TGA	0	0	
mORF_-_377520	377520	377582	-	4	63	TTG	TGA	0	0	
mORF_-_377579	377579	377599	-	6	21	ATG	TGA	0	0	
mORF_-_377686	377686	378795	-	5	1110	ATG	TGA	20	113	pORF_-_377686
mORF_-_377697	377697	377723	-	4	27	ATG	TAA	0	0	
mORF_-_377727	377727	377753	-	4	27	ATG	TGA	0	0	
mORF_-_377760	377760	377798	-	4	39	GTG	TGA	0	0	
mORF_-_377802	377802	377816	-	4	15	TTG	TGA	0	0	
mORF_-_377813	377813	377872	-	6	60	ATG	TGA	0	0	

mORF_-_377844	377844	377924	-	4	81	TTG	TGA	0	0	
mORF_-_377940	377940	377984	-	4	45	GTG	TGA	0	0	
mORF_-_377988	377988	378056	-	4	69	ATG	TGA	0	0	
mORF_-_377999	377999	378010	-	6	12	ATG	TAA	0	0	
mORF_-_378011	378011	378034	-	6	24	ATG	TGA	0	0	
mORF_-_378060	378060	378272	-	4	213	TTG	TAA	0	0	
mORF_-_378282	378282	378314	-	4	33	ATG	TGA	0	0	
mORF_-_378357	378357	378371	-	4	15	GTG	TAG	0	0	
mORF_-_378368	378368	378385	-	6	18	GTG	TGA	0	0	
mORF_-_378444	378444	378512	-	4	69	GTG	TGA	0	0	
mORF_-_378509	378509	378523	-	6	15	GTG	TGA	0	0	
mORF_-_378543	378543	378548	-	4	6	ATG	TGA	0	0	
mORF_-_378570	378570	378647	-	4	78	ATG	TAA	0	0	
mORF_-_378644	378644	378679	-	6	36	TTG	TGA	0	0	
mORF_-_378702	378702	378785	-	4	84	GTG	TAA	0	0	
mORF_-_378792	378792	378812	-	4	21	TTG	TGA	0	0	
mORF_-_378826	378826	378936	-	5	111	TTG	TGA	0	0	
mORF_-_378830	378830	379126	-	6	297	ATG	TAG	4	10	pORF_-_378830
mORF_-_378949	378949	379041	-	5	93	TTG	TGA	0	0	
mORF_-_378957	378957	379004	-	4	48	ATG	TAA	0	0	
mORF_-_379038	379038	379187	-	4	150	GTG	TGA	0	0	
mORF_-_379157	379157	379165	-	6	9	ATG	TGA	0	0	
mORF_-_379172	379172	379228	-	6	57	TTG	TAG	0	0	
mORF_-_379293	379293	380066	-	4	774	ATG	TGA	0	0	
mORF_-_379307	379307	379342	-	6	36	ATG	TGA	0	0	
mORF_-_379339	379339	379362	-	5	24	GTG	TGA	0	0	
mORF_-_379433	379433	379480	-	6	48	GTG	TGA	0	0	
mORF_-_379465	379465	379500	-	5	36	ATG	TGA	0	0	
mORF_-_379493	379493	379531	-	6	39	ATG	TAA	0	0	
mORF_-_379547	379547	379585	-	6	39	ATG	TGA	0	0	
mORF_-_379610	379610	379783	-	6	174	TTG	TGA	0	0	
mORF_-_379799	379799	379936	-	6	138	ATG	TGA	0	0	
mORF_-_379807	379807	379815	-	5	9	ATG	TAA	0	0	
mORF_-_379940	379940	379957	-	6	18	ATG	TAG	0	0	
mORF_-_380003	380003	380014	-	6	12	ATG	TAA	0	0	
mORF_-_380068	380068	380511	-	5	444	TTG	TAA	0	0	
mORF_-_380123	380123	380230	-	6	108	TTG	TAA	0	0	
mORF_-_380130	380130	380135	-	4	6	TTG	TAG	0	0	
mORF_-_380136	380136	380204	-	4	69	TTG	TGA	0	0	
mORF_-_380232	380232	380294	-	4	63	ATG	TAG	0	0	
mORF_-_380237	380237	380245	-	6	9	ATG	TAA	0	0	
mORF_-_380306	380306	380371	-	6	66	ATG	TAA	0	0	
mORF_-_380328	380328	380348	-	4	21	TTG	TAG	0	0	
mORF_-_380349	380349	380432	-	4	84	TTG	TAG	0	0	
mORF_-_380436	380436	380444	-	4	9	ATG	TAA	0	0	
mORF_-_380451	380451	380618	-	4	168	GTG	TAA	0	0	
mORF_-_380483	380483	380521	-	6	39	GTG	TAG	0	0	
mORF_-_380561	380561	380635	-	6	75	TTG	TGA	0	0	
mORF_-_380587	380587	380691	-	5	105	ATG	TAA	0	0	
mORF_-_380640	380640	380867	-	4	228	TTG	TGA	0	0	
mORF_-_380710	380710	380910	-	5	201	GTG	TAA	0	0	
mORF_-_380864	380864	380989	-	6	126	ATG	TGA	0	0	
mORF_-_380943	380943	381374	-	4	432	GTG	TAA	0	0	
mORF_-_381032	381032	381037	-	6	6	GTG	TGA	0	0	
mORF_-_381073	381073	381090	-	5	18	TTG	TAA	0	0	
mORF_-_381098	381098	381166	-	6	69	TTG	TAA	0	0	
mORF_-_381173	381173	381274	-	6	102	TTG	TAA	0	0	
mORF_-_381181	381181	381243	-	5	63	GTG	TGA	0	0	
mORF_-_381275	381275	381454	-	6	180	TTG	TGA	0	0	
mORF_-_381334	381334	381369	-	5	36	GTG	TGA	0	0	
mORF_-_381421	381421	381501	-	5	81	ATG	TGA	0	0	
mORF_-_381503	381503	381562	-	6	60	GTG	TAG	0	0	
mORF_-_381511	381511	381522	-	5	12	GTG	TAG	0	0	

mORF_-_381626	381626	381646	-	6	21	TTG	TAG	0	0	
mORF_-_381637	381637	381741	-	5	105	GTG	TGA	0	0	
mORF_-_381657	381657	381716	-	4	60	ATG	TAA	0	0	
mORF_-_381728	381728	382114	-	6	387	ATG	TAA	0	0	
mORF_-_381774	381774	381815	-	4	42	TTG	TAA	0	0	
mORF_-_381816	381816	381875	-	4	60	TTG	TAA	0	0	
mORF_-_381823	381823	381840	-	5	18	TTG	TGA	0	0	
mORF_-_381844	381844	381921	-	5	78	TTG	TAG	0	0	
mORF_-_381925	381925	381963	-	5	39	ATG	TAA	0	0	
mORF_-_381963	381963	383159	-	4	1197	ATG	TAA	0	0	
mORF_-_381982	381982	382170	-	5	189	TTG	TGA	0	0	
mORF_-_382118	382118	382135	-	6	18	TTG	TAG	0	0	
mORF_-_382148	382148	382204	-	6	57	GTG	TAG	0	0	
mORF_-_382186	382186	382206	-	5	21	TTG	TAG	0	0	
mORF_-_382208	382208	382621	-	6	414	GTG	TAG	0	0	
mORF_-_382372	382372	382428	-	5	57	GTG	TAA	0	0	
mORF_-_382432	382432	382449	-	5	18	ATG	TGA	0	0	
mORF_-_382646	382646	382654	-	6	9	TTG	TGA	0	0	
mORF_-_382730	382730	382813	-	6	84	GTG	TAG	0	0	
mORF_-_382814	382814	382852	-	6	39	ATG	TAA	0	0	
mORF_-_382856	382856	382900	-	6	45	TTG	TGA	0	0	
mORF_-_382870	382870	382914	-	5	45	ATG	TAA	0	0	
mORF_-_382966	382966	382986	-	5	21	TTG	TAA	0	0	
mORF_-_382976	382976	383065	-	6	90	TTG	TAA	0	0	
mORF_-_383008	383008	383031	-	5	24	GTG	TAA	0	0	
mORF_-_383089	383089	383172	-	5	84	TTG	TAA	0	0	
mORF_-_383169	383169	383267	-	4	99	ATG	TGA	0	0	
mORF_-_383189	383189	383260	-	6	72	ATG	TAA	0	0	
mORF_-_383283	383283	383840	-	4	558	GTG	TAG	0	0	
mORF_-_383300	383300	383503	-	6	204	ATG	TAA	0	0	
mORF_-_383546	383546	383584	-	6	39	TTG	TGA	0	0	
mORF_-_383587	383587	383610	-	5	24	GTG	TAA	0	0	
mORF_-_383621	383621	383644	-	6	24	ATG	TAA	0	0	
mORF_-_383654	383654	383662	-	6	9	ATG	TAA	0	0	
mORF_-_383687	383687	383743	-	6	57	GTG	TGA	0	0	
mORF_-_383753	383753	383782	-	6	30	TTG	TAG	0	0	
mORF_-_383833	383833	383850	-	5	18	GTG	TAA	0	0	
mORF_-_383841	383841	383888	-	4	48	GTG	TAA	0	0	
mORF_-_383864	383864	383878	-	6	15	GTG	TAA	0	0	
mORF_-_383869	383869	383880	-	5	12	TTG	TAG	0	0	
mORF_-_383934	383934	384011	-	4	78	ATG	TAA	0	0	
mORF_-_383944	383944	383961	-	5	18	TTG	TAG	0	0	
mORF_-_383968	383968	384006	-	5	39	TTG	TGA	0	0	
mORF_-_384044	384044	384061	-	6	18	ATG	TAA	0	0	
mORF_-_384067	384067	384099	-	5	33	ATG	TAA	0	0	
mORF_-_384078	384078	384089	-	4	12	TTG	TAA	0	0	
mORF_-_384086	384086	384127	-	6	42	ATG	TGA	0	0	
mORF_-_384090	384090	384305	-	4	216	TTG	TAA	0	0	
mORF_-_384100	384100	384123	-	5	24	TTG	TAA	0	0	
mORF_-_384278	384278	384502	-	6	225	ATG	TAG	1	4	pORF_-_384278
mORF_-_384331	384331	384372	-	5	42	ATG	TAA	0	0	
mORF_-_384396	384396	384431	-	4	36	ATG	TAA	0	0	
mORF_-_384409	384409	384453	-	5	45	TTG	TAA	0	0	
mORF_-_384454	384454	384498	-	5	45	ATG	TGA	0	0	
mORF_-_384465	384465	384545	-	4	81	TTG	TGA	0	0	
mORF_-_384499	384499	384516	-	5	18	GTG	TGA	0	0	
mORF_-_384509	384509	384532	-	6	24	GTG	TGA	0	0	
mORF_-_384572	384572	384853	-	6	282	GTG	TGA	0	0	
mORF_-_384592	384592	384756	-	5	165	TTG	TAG	0	0	
mORF_-_384663	384663	384677	-	4	15	TTG	TGA	0	0	
mORF_-_384702	384702	384722	-	4	21	TTG	TAA	0	0	
mORF_-_384753	384753	385154	-	4	402	TTG	TGA	0	0	
mORF_-_384841	384841	384876	-	5	36	GTG	TAA	0	0	

mORF_-_384857	384857	384892	-	6	36	ATG	TAG	0	0	
mORF_-_384937	384937	384987	-	5	51	GTG	TAA	0	0	
mORF_-_384974	384974	385141	-	6	168	ATG	TAA	0	0	
mORF_-_384994	384994	385062	-	5	69	TTG	TAA	0	0	
mORF_-_385148	385148	385207	-	6	60	TTG	TGA	0	0	
mORF_-_385218	385218	385448	-	4	231	ATG	TAA	0	0	
mORF_-_385268	385268	385360	-	6	93	TTG	TAG	0	0	
mORF_-_385396	385396	385479	-	5	84	GTG	TAA	0	0	
mORF_-_385460	385460	385555	-	6	96	GTG	TAA	0	0	
mORF_-_385515	385515	385607	-	4	93	TTG	TAG	0	0	
mORF_-_385589	385589	385603	-	6	15	ATG	TGA	0	0	
mORF_-_385658	385658	385699	-	6	42	TTG	TGA	0	0	
mORF_-_385674	385674	385829	-	4	156	TTG	TAG	0	0	
mORF_-_385802	385802	385807	-	6	6	ATG	TAG	0	0	
mORF_-_385832	385832	386224	-	6	393	ATG	TGA	0	0	
mORF_-_385881	385881	385991	-	4	111	GTG	TAA	0	0	
mORF_-_386011	386011	386040	-	5	30	ATG	TAA	0	0	
mORF_-_386037	386037	386135	-	4	99	TTG	TGA	0	0	
mORF_-_386119	386119	386133	-	5	15	GTG	TGA	0	0	
mORF_-_386137	386137	386208	-	5	72	ATG	TGA	0	0	
mORF_-_386160	386160	386180	-	4	21	TTG	TAA	0	0	
mORF_-_386260	386260	386535	-	5	276	ATG	TGA	0	0	
mORF_-_386294	386294	386329	-	6	36	TTG	TAA	0	0	
mORF_-_386342	386342	386362	-	6	21	TTG	TAG	0	0	
mORF_-_386378	386378	386431	-	6	54	ATG	TAG	0	0	
mORF_-_386520	386520	386660	-	4	141	GTG	TAG	0	0	
mORF_-_386641	386641	386796	-	5	156	GTG	TAG	0	0	
mORF_-_386877	386877	386909	-	4	33	TTG	TAA	0	0	
mORF_-_386884	386884	387069	-	5	186	TTG	TGA	0	0	
mORF_-_386946	386946	387038	-	4	93	ATG	TAA	0	0	
mORF_-_386981	386981	387019	-	6	39	TTG	TAA	0	0	
mORF_-_387038	387038	387067	-	6	30	GTG	TAA	0	0	
mORF_-_387097	387097	387144	-	5	48	ATG	TAA	0	0	
mORF_-_387157	387157	387315	-	5	159	ATG	TAG	0	0	
mORF_-_387234	387234	387308	-	4	75	TTG	TAA	0	0	
mORF_-_387263	387263	387328	-	6	66	ATG	TGA	0	0	
mORF_-_387329	387329	387343	-	6	15	GTG	TAA	0	0	
mORF_-_387373	387373	387534	-	5	162	TTG	TAA	0	0	
mORF_-_387420	387420	387515	-	4	96	TTG	TAG	0	0	
mORF_-_387531	387531	387710	-	4	180	TTG	TGA	0	0	
mORF_-_387571	387571	387594	-	5	24	ATG	TAG	0	0	
mORF_-_387682	387682	387825	-	5	144	ATG	TAA	0	0	
mORF_-_387704	387704	387808	-	6	105	GTG	TGA	0	0	
mORF_-_387783	387783	387791	-	4	9	TTG	TAG	0	0	
mORF_-_387911	387911	387931	-	6	21	GTG	TAA	0	0	
mORF_-_387928	387928	388014	-	5	87	TTG	TGA	0	0	
mORF_-_387939	387939	387974	-	4	36	TTG	TGA	0	0	
mORF_-_387977	387977	388984	-	6	1008	ATG	TAA	43	391	pORF_-_387977
mORF_-_388027	388027	388044	-	5	18	GTG	TGA	0	0	
mORF_-_388057	388057	388086	-	5	30	ATG	TAG	0	0	
mORF_-_388087	388087	388095	-	5	9	GTG	TAG	0	0	
mORF_-_388117	388117	388131	-	5	15	GTG	TGA	0	0	
mORF_-_388135	388135	388182	-	5	48	GTG	TGA	0	0	
mORF_-_388219	388219	388272	-	5	54	GTG	TGA	0	0	
mORF_-_388315	388315	388494	-	5	180	TTG	TAA	0	0	
mORF_-_388398	388398	388553	-	4	156	GTG	TAA	0	0	
mORF_-_388510	388510	388587	-	5	78	GTG	TAG	0	0	
mORF_-_388612	388612	388716	-	5	105	TTG	TGA	0	0	
mORF_-_388723	388723	388758	-	5	36	TTG	TGA	0	0	
mORF_-_388792	388792	388890	-	5	99	TTG	TGA	0	0	
mORF_-_388948	388948	389067	-	5	120	ATG	TGA	0	0	
mORF_-_389013	389013	389102	-	4	90	GTG	TAA	0	0	
mORF_-_389121	389121	389390	-	4	270	ATG	TAA	0	0	

mORF_-_389239	389239	389322	-	5	84	ATG	TAA	0	0	
mORF_-_389294	389294	389341	-	6	48	ATG	TAA	0	0	
mORF_-_389326	389326	389517	-	5	192	ATG	TAA	0	0	
mORF_-_389442	389442	389480	-	4	39	GTG	TGA	0	0	
mORF_-_389450	389450	389539	-	6	90	GTG	TAA	0	0	
mORF_-_389505	389505	389510	-	4	6	TTG	TGA	0	0	
mORF_-_389511	389511	389615	-	4	105	ATG	TAA	0	0	
mORF_-_389548	389548	389559	-	5	12	TTG	TAG	0	0	
mORF_-_389593	389593	389601	-	5	9	GTG	TAA	0	0	
mORF_-_389612	389612	389644	-	6	33	TTG	TGA	0	0	
mORF_-_389672	389672	389686	-	6	15	TTG	TAA	0	0	
mORF_-_389699	389699	389731	-	6	33	GTG	TGA	0	0	
mORF_-_389722	389722	389739	-	5	18	TTG	TAA	0	0	
mORF_-_389736	389736	389756	-	4	21	ATG	TGA	0	0	
mORF_-_389799	389799	390029	-	4	231	GTG	TGA	0	0	
mORF_-_389824	389824	389916	-	5	93	GTG	TAG	0	0	
mORF_-_389891	389891	389959	-	6	69	GTG	TAA	0	0	
mORF_-_389987	389987	389995	-	6	9	GTG	TAA	0	0	
mORF_-_389992	389992	390051	-	5	60	TTG	TGA	0	0	
mORF_-_390002	390002	390103	-	6	102	TTG	TAA	0	0	
mORF_-_390091	390091	390129	-	5	39	ATG	TGA	0	0	
mORF_-_390129	390129	390176	-	4	48	ATG	TAA	0	0	
mORF_-_390146	390146	390151	-	6	6	TTG	TAA	0	0	
mORF_-_390158	390158	390163	-	6	6	GTG	TAG	0	0	
mORF_-_390163	390163	390321	-	5	159	TTG	TAG	0	0	
mORF_-_390173	390173	390211	-	6	39	GTG	TGA	0	0	
mORF_-_390225	390225	390269	-	4	45	GTG	TGA	0	0	
mORF_-_390230	390230	390247	-	6	18	TTG	TAA	0	0	
mORF_-_390251	390251	390259	-	6	9	TTG	TAA	0	0	
mORF_-_390266	390266	390277	-	6	12	TTG	TGA	0	0	
mORF_-_390347	390347	390415	-	6	69	GTG	TAG	0	0	
mORF_-_390373	390373	390384	-	5	12	TTG	TGA	0	0	
mORF_-_390381	390381	390446	-	4	66	ATG	TGA	0	0	
mORF_-_390443	390443	390544	-	6	102	TTG	TGA	0	0	
mORF_-_390523	390523	390588	-	5	66	TTG	TGA	0	0	
mORF_-_390563	390563	390739	-	6	177	ATG	TAA	0	0	
mORF_-_390601	390601	390606	-	5	6	TTG	TAG	0	0	
mORF_-_390613	390613	390630	-	5	18	ATG	TAA	0	0	
mORF_-_390770	390770	390841	-	6	72	ATG	TGA	0	0	
mORF_-_390816	390816	390872	-	4	57	ATG	TAA	0	0	
mORF_-_390913	390913	390945	-	5	33	GTG	TAG	0	0	
mORF_-_390938	390938	391042	-	6	105	GTG	TAG	0	0	
mORF_-_390963	390963	391829	-	4	867	ATG	TAG	5	10	pORF_-_390963
mORF_-_390982	390982	391029	-	5	48	GTG	TGA	0	0	
mORF_-_391039	391039	391044	-	5	6	ATG	TGA	0	0	
mORF_-_391054	391054	391110	-	5	57	ATG	TAA	0	0	
mORF_-_391073	391073	391102	-	6	30	ATG	TAA	0	0	
mORF_-_391118	391118	391150	-	6	33	ATG	TGA	0	0	
mORF_-_391150	391150	391164	-	5	15	TTG	TAA	0	0	
mORF_-_391175	391175	391186	-	6	12	GTG	TGA	0	0	
mORF_-_391202	391202	391306	-	6	105	ATG	TGA	0	0	
mORF_-_391276	391276	391368	-	5	93	GTG	TAA	0	0	
mORF_-_391325	391325	391453	-	6	129	GTG	TGA	0	0	
mORF_-_391402	391402	391437	-	5	36	GTG	TGA	0	0	
mORF_-_391583	391583	391618	-	6	36	ATG	TAA	0	0	
mORF_-_391615	391615	391776	-	5	162	GTG	TGA	0	0	
mORF_-_391622	391622	391675	-	6	54	TTG	TGA	0	0	
mORF_-_391712	391712	391822	-	6	111	ATG	TAA	0	0	
mORF_-_391826	391826	392134	-	6	309	GTG	TGA	10	35	pORF_-_391826
mORF_-_391831	391831	392049	-	5	219	TTG	TGA	0	0	
mORF_-_392053	392053	392064	-	5	12	GTG	TGA	0	0	
mORF_-_392100	392100	392156	-	4	57	GTG	TAA	0	0	
mORF_-_392149	392149	392172	-	5	24	GTG	TAA	0	0	

mORF_-_392188	392188	393603	-	5	1416	TTG	TGA	0	0	
mORF_-_392193	392193	392219	-	4	27	GTG	TAA	0	0	
mORF_-_392256	392256	392312	-	4	57	ATG	TGA	0	0	
mORF_-_392367	392367	392417	-	4	51	TTG	TAA	0	0	
mORF_-_392460	392460	392528	-	4	69	TTG	TGA	0	0	
mORF_-_392471	392471	392575	-	6	105	TTG	TGA	0	0	
mORF_-_392550	392550	392570	-	4	21	TTG	TAG	0	0	
mORF_-_392598	392598	392603	-	4	6	TTG	TAA	0	0	
mORF_-_392619	392619	392687	-	4	69	GTG	TAG	0	0	
mORF_-_392660	392660	392683	-	6	24	ATG	TAG	0	0	
mORF_-_392691	392691	392714	-	4	24	GTG	TGA	0	0	
mORF_-_392745	392745	392831	-	4	87	TTG	TAG	0	0	
mORF_-_392750	392750	392866	-	6	117	ATG	TAG	0	0	
mORF_-_392874	392874	392915	-	4	42	TTG	TAG	0	0	
mORF_-_392922	392922	393023	-	4	102	ATG	TGA	0	0	
mORF_-_393066	393066	393071	-	4	6	ATG	TAG	0	0	
mORF_-_393084	393084	393098	-	4	15	TTG	TGA	0	0	
mORF_-_393129	393129	393164	-	4	36	TTG	TGA	0	0	
mORF_-_393134	393134	393154	-	6	21	TTG	TGA	0	0	
mORF_-_393171	393171	393191	-	4	21	TTG	TAA	0	0	
mORF_-_393225	393225	393236	-	4	12	TTG	TAA	0	0	
mORF_-_393303	393303	393323	-	4	21	ATG	TAG	0	0	
mORF_-_393342	393342	393353	-	4	12	ATG	TAA	0	0	
mORF_-_393381	393381	393392	-	4	12	GTG	TAA	0	0	
mORF_-_393405	393405	393428	-	4	24	TTG	TGA	0	0	
mORF_-_393441	393441	393485	-	4	45	ATG	TAG	0	0	
mORF_-_393531	393531	393548	-	4	18	TTG	TGA	0	0	
mORF_-_393626	393626	393652	-	6	27	GTG	TAA	0	0	
mORF_-_393673	393673	393729	-	5	57	TTG	TAA	0	0	
mORF_-_393678	393678	393710	-	4	33	ATG	TAG	0	0	
mORF_-_393710	393710	393718	-	6	9	TTG	TAA	0	0	
mORF_-_393733	393733	393825	-	5	93	TTG	TAA	0	0	
mORF_-_393753	393753	393848	-	4	96	TTG	TGA	0	0	
mORF_-_393933	393933	393983	-	4	51	TTG	TAA	0	0	
mORF_-_393938	393938	393979	-	6	42	ATG	TAA	0	0	
mORF_-_393991	393991	394017	-	5	27	ATG	TGA	0	0	
mORF_-_394014	394014	394037	-	4	24	ATG	TGA	0	0	
mORF_-_394018	394018	394059	-	5	42	TTG	TAG	0	0	
mORF_-_394077	394077	394130	-	4	54	ATG	TAA	0	0	
mORF_-_394084	394084	394095	-	5	12	TTG	TAA	0	0	
mORF_-_394111	394111	394152	-	5	42	TTG	TAA	0	0	
mORF_-_394127	394127	394240	-	6	114	GTG	TGA	0	0	
mORF_-_394201	394201	394233	-	5	33	TTG	TGA	0	0	
mORF_-_394230	394230	394244	-	4	15	ATG	TGA	0	0	
mORF_-_394293	394293	394331	-	4	39	TTG	TAG	0	0	
mORF_-_394354	394354	395511	-	5	1158	TTG	TGA	3	7	pORF_-_394354
mORF_-_394398	394398	394418	-	4	21	ATG	TGA	0	0	
mORF_-_394430	394430	394579	-	6	150	TTG	TAA	0	0	
mORF_-_394440	394440	394475	-	4	36	TTG	TGA	0	0	
mORF_-_394491	394491	394523	-	4	33	GTG	TGA	0	0	
mORF_-_394581	394581	394622	-	4	42	TTG	TAG	0	0	
mORF_-_394728	394728	394811	-	4	84	TTG	TGA	0	0	
mORF_-_394781	394781	394789	-	6	9	GTG	TAA	0	0	
mORF_-_394805	394805	394828	-	6	24	GTG	TGA	0	0	
mORF_-_394860	394860	394955	-	4	96	TTG	TGA	0	0	
mORF_-_394992	394992	395168	-	4	177	ATG	TGA	0	0	
mORF_-_395217	395217	395231	-	4	15	GTG	TGA	0	0	
mORF_-_395238	395238	395453	-	4	216	ATG	TAA	0	0	
mORF_-_395432	395432	395479	-	6	48	GTG	TGA	0	0	
mORF_-_395463	395463	395477	-	4	15	GTG	TGA	0	0	
mORF_-_395501	395501	395524	-	6	24	ATG	TAG	0	0	
mORF_-_395508	395508	395564	-	4	57	ATG	TGA	0	0	
mORF_-_395557	395557	395658	-	5	102	ATG	TAG	0	0	

mORF_-_395586	395586	395594	-	4	9	TTG	TAA	0	0	
mORF_-_395603	395603	395725	-	6	123	TTG	TAA	0	0	
mORF_-_395685	395685	395696	-	4	12	TTG	TAA	0	0	
mORF_-_395735	395735	395785	-	6	51	ATG	TGA	0	0	
mORF_-_395760	395760	395810	-	4	51	ATG	TAG	0	0	
mORF_-_395767	395767	395772	-	5	6	TTG	TGA	0	0	
mORF_-_395815	395815	395823	-	5	9	GTG	TAA	0	0	
mORF_-_395832	395832	395978	-	4	147	GTG	TAA	1	5	pORF_-_395832
mORF_-_395848	395848	396114	-	5	267	TTG	TAA	0	0	
mORF_-_395867	395867	395923	-	6	57	ATG	TAA	0	0	
mORF_-_396002	396002	396079	-	6	78	ATG	TAA	0	0	
mORF_-_396051	396051	396056	-	4	6	ATG	TAG	0	0	
mORF_-_396089	396089	396139	-	6	51	GTG	TAA	0	0	
mORF_-_396093	396093	396188	-	4	96	TTG	TAG	0	0	
mORF_-_396121	396121	396222	-	5	102	TTG	TGA	0	0	
mORF_-_396219	396219	396254	-	4	36	ATG	TGA	0	0	
mORF_-_396229	396229	396411	-	5	183	ATG	TAG	0	0	
mORF_-_396264	396264	396329	-	4	66	TTG	TAA	0	0	
mORF_-_396338	396338	396463	-	6	126	TTG	TGA	0	0	
mORF_-_396381	396381	396386	-	4	6	ATG	TAA	0	0	
mORF_-_396408	396408	396653	-	4	246	TTG	TGA	0	0	
mORF_-_396460	396460	396807	-	5	348	GTG	TGA	0	0	
mORF_-_396566	396566	396604	-	6	39	TTG	TAA	0	0	
mORF_-_396714	396714	396734	-	4	21	GTG	TAA	0	0	
mORF_-_396807	396807	396833	-	4	27	ATG	TAG	0	0	
mORF_-_396818	396818	396886	-	6	69	TTG	TGA	0	0	
mORF_-_396837	396837	396932	-	4	96	TTG	TAG	0	0	
mORF_-_396942	396942	396986	-	4	45	GTG	TGA	0	0	
mORF_-_396971	396971	396988	-	6	18	GTG	TAA	0	0	
mORF_-_396976	396976	397071	-	5	96	ATG	TGA	0	0	
mORF_-_397008	397008	397052	-	4	45	TTG	TAG	0	0	
mORF_-_397080	397080	397109	-	4	30	TTG	TAG	0	0	
mORF_-_397106	397106	397357	-	6	252	TTG	TGA	0	0	
mORF_-_397147	397147	397176	-	5	30	TTG	TAA	0	0	
mORF_-_397164	397164	397283	-	4	120	GTG	TGA	0	0	
mORF_-_397362	397362	397439	-	4	78	ATG	TGA	0	0	
mORF_-_397387	397387	397458	-	5	72	ATG	TAA	0	0	
mORF_-_397455	397455	397490	-	4	36	TTG	TGA	0	0	
mORF_-_397472	397472	397483	-	6	12	TTG	TGA	0	0	
mORF_-_397494	397494	397661	-	4	168	TTG	TAA	0	0	
mORF_-_397507	397507	397743	-	5	237	ATG	TAA	0	0	
mORF_-_397559	397559	397573	-	6	15	TTG	TGA	0	0	
mORF_-_397706	397706	397774	-	6	69	GTG	TGA	0	0	
mORF_-_397844	397844	398071	-	6	228	GTG	TGA	0	0	
mORF_-_397893	397893	397937	-	4	45	TTG	TAA	0	0	
mORF_-_397980	397980	398030	-	4	51	TTG	TGA	0	0	
mORF_-_397984	397984	398043	-	5	60	TTG	TAA	0	0	
mORF_-_398040	398040	398096	-	4	57	ATG	TGA	0	0	
mORF_-_398068	398068	398100	-	5	33	TTG	TGA	0	0	
mORF_-_398097	398097	398126	-	4	30	TTG	TGA	0	0	
mORF_-_398132	398132	398194	-	6	63	TTG	TAG	0	0	
mORF_-_398191	398191	398295	-	5	105	TTG	TGA	0	0	
mORF_-_398204	398204	398233	-	6	30	ATG	TGA	0	0	
mORF_-_398223	398223	398279	-	4	57	ATG	TGA	0	0	
mORF_-_398249	398249	398557	-	6	309	ATG	TAA	0	0	
mORF_-_398323	398323	398346	-	5	24	GTG	TGA	0	0	
mORF_-_398347	398347	398355	-	5	9	TTG	TAG	0	0	
mORF_-_398392	398392	398418	-	5	27	ATG	TAA	0	0	
mORF_-_398400	398400	398459	-	4	60	TTG	TGA	0	0	
mORF_-_398431	398431	398508	-	5	78	ATG	TGA	0	0	
mORF_-_398550	398550	398576	-	4	27	ATG	TGA	0	0	
mORF_-_398573	398573	398629	-	6	57	ATG	TGA	0	0	
mORF_-_398607	398607	398615	-	4	9	TTG	TAA	0	0	

mORF_-_398630	398630	398818	-	6	189	ATG	TAA	0	0	
mORF_-_398650	398650	398706	-	5	57	GTG	TGA	0	0	
mORF_-_398703	398703	398708	-	4	6	TTG	TGA	0	0	
mORF_-_398719	398719	398739	-	5	21	TTG	TAA	0	0	
mORF_-_398733	398733	398852	-	4	120	GTG	TAA	0	0	
mORF_-_398755	398755	398787	-	5	33	TTG	TAG	0	0	
mORF_-_398855	398855	398884	-	6	30	ATG	TAG	0	0	
mORF_-_398887	398887	398922	-	5	36	TTG	TAA	0	0	
mORF_-_398904	398904	399026	-	4	123	TTG	TAA	0	0	
mORF_-_399053	399053	400147	-	6	1095	ATG	TAA	30	115	pORF_-_399053
mORF_-_399067	399067	399108	-	5	42	TTG	TGA	0	0	
mORF_-_399105	399105	399155	-	4	51	GTG	TGA	0	0	
mORF_-_399177	399177	399266	-	4	90	ATG	TAA	0	0	
mORF_-_399244	399244	399327	-	5	84	TTG	TAG	0	0	
mORF_-_399340	399340	399489	-	5	150	TTG	TAG	0	0	
mORF_-_399363	399363	399458	-	4	96	ATG	TGA	0	0	
mORF_-_399493	399493	399549	-	5	57	GTG	TGA	0	0	
mORF_-_399553	399553	399570	-	5	18	TTG	TAA	0	0	
mORF_-_399595	399595	399636	-	5	42	TTG	TAA	0	0	
mORF_-_399664	399664	399684	-	5	21	TTG	TGA	0	0	
mORF_-_399688	399688	399756	-	5	69	ATG	TGA	0	0	
mORF_-_399763	399763	399969	-	5	207	ATG	TAG	0	0	
mORF_-_399903	399903	400004	-	4	102	ATG	TAA	0	0	
mORF_-_399970	399970	400119	-	5	150	TTG	TAA	0	0	
mORF_-_400129	400129	400233	-	5	105	TTG	TAG	0	0	
mORF_-_400149	400149	400181	-	4	33	ATG	TAA	0	0	
mORF_-_400166	400166	400174	-	6	9	TTG	TAG	0	0	
mORF_-_400185	400185	400256	-	4	72	TTG	TAA	0	0	
mORF_-_400278	400278	400304	-	4	27	GTG	TAA	0	0	
mORF_-_400301	400301	400306	-	6	6	TTG	TGA	0	0	
mORF_-_400340	400340	400351	-	6	12	ATG	TAA	0	0	
mORF_-_400374	400374	400403	-	4	30	ATG	TAA	0	0	
mORF_-_400459	400459	400725	-	5	267	TTG	TAA	0	0	
mORF_-_400463	400463	400513	-	6	51	TTG	TAA	0	0	
mORF_-_400551	400551	400586	-	4	36	ATG	TAG	0	0	
mORF_-_400634	400634	400744	-	6	111	TTG	TAA	0	0	
mORF_-_400707	400707	400715	-	4	9	TTG	TGA	0	0	
mORF_-_400759	400759	400803	-	5	45	ATG	TGA	0	0	
mORF_-_400847	400847	400984	-	6	138	GTG	TAA	0	0	
mORF_-_400864	400864	400887	-	5	24	TTG	TGA	0	0	
mORF_-_400894	400894	400908	-	5	15	GTG	TGA	0	0	
mORF_-_400935	400935	400979	-	4	45	TTG	TAA	0	0	
mORF_-_400984	400984	400998	-	5	15	GTG	TAG	0	0	
mORF_-_401014	401014	401040	-	5	27	GTG	TAA	0	0	
mORF_-_401083	401083	401091	-	5	9	GTG	TAA	0	0	
mORF_-_401146	401146	401163	-	5	18	TTG	TAA	0	0	
mORF_-_401209	401209	401220	-	5	12	GTG	TAA	0	0	
mORF_-_401225	401225	401290	-	6	66	GTG	TAA	0	0	
mORF_-_401268	401268	401294	-	4	27	GTG	TAA	0	0	
mORF_-_401294	401294	401320	-	6	27	TTG	TAG	0	0	
mORF_-_401327	401327	401377	-	6	51	TTG	TAG	0	0	
mORF_-_401332	401332	401367	-	5	36	TTG	TGA	0	0	
mORF_-_401364	401364	401522	-	4	159	ATG	TGA	0	0	
mORF_-_401374	401374	401445	-	5	72	TTG	TGA	0	0	
mORF_-_401420	401420	401536	-	6	117	TTG	TGA	0	0	
mORF_-_401476	401476	401520	-	5	45	GTG	TAG	0	0	
mORF_-_401641	401641	401856	-	5	216	TTG	TAA	0	0	
mORF_-_401760	401760	401792	-	4	33	TTG	TGA	0	0	
mORF_-_401786	401786	401956	-	6	171	ATG	TGA	0	0	
mORF_-_401841	401841	401996	-	4	156	TTG	TAG	0	0	
mORF_-_401887	401887	402012	-	5	126	TTG	TGA	0	0	
mORF_-_402009	402009	402152	-	4	144	GTG	TGA	0	0	
mORF_-_402026	402026	402136	-	6	111	GTG	TGA	0	0	

mORF_-_402143	402143	402214	-	6	72	TTG	TGA	0	0	
mORF_-_402193	402193	402477	-	5	285	ATG	TGA	1	2	pORF_-_402193
mORF_-_402261	402261	402440	-	4	180	TTG	TGA	0	0	
mORF_-_402281	402281	402319	-	6	39	TTG	TGA	0	0	
mORF_-_402353	402353	402361	-	6	9	ATG	TAG	0	0	
mORF_-_402447	402447	402461	-	4	15	GTG	TAA	0	0	
mORF_-_402458	402458	402469	-	6	12	ATG	TGA	0	0	
mORF_-_402480	402480	402557	-	4	78	GTG	TAA	0	0	
mORF_-_402503	402503	402517	-	6	15	ATG	TAG	0	0	
mORF_-_402524	402524	402760	-	6	237	GTG	TAA	0	0	
mORF_-_402580	402580	402765	-	5	186	TTG	TAA	0	0	
mORF_-_402660	402660	402746	-	4	87	TTG	TAG	0	0	
mORF_-_402750	402750	402980	-	4	231	GTG	TGA	0	0	
mORF_-_402875	402875	402964	-	6	90	TTG	TGA	0	0	
mORF_-_402901	402901	402936	-	5	36	TTG	TAG	0	0	
mORF_-_402996	402996	403016	-	4	21	ATG	TAA	0	0	
mORF_-_403016	403016	403081	-	6	66	ATG	TGA	0	0	
mORF_-_403048	403048	403113	-	5	66	GTG	TGA	0	0	
mORF_-_403110	403110	403172	-	4	63	ATG	TGA	0	0	
mORF_-_403223	403223	403474	-	6	252	ATG	TAA	1	3	pORF_-_403223
mORF_-_403248	403248	403595	-	4	348	ATG	TAA	0	0	
mORF_-_403498	403498	403515	-	5	18	TTG	TGA	0	0	
mORF_-_403502	403502	403570	-	6	69	ATG	TAG	0	0	
mORF_-_403592	403592	403852	-	6	261	ATG	TGA	0	0	
mORF_-_403603	403603	403653	-	5	51	TTG	TAG	0	0	
mORF_-_403608	403608	403640	-	4	33	ATG	TAA	0	0	
mORF_-_403656	403656	403709	-	4	54	ATG	TAA	0	0	
mORF_-_403749	403749	403754	-	4	6	TTG	TAA	0	0	
mORF_-_403843	403843	403902	-	5	60	GTG	TAA	0	0	
mORF_-_403854	403854	403865	-	4	12	ATG	TAA	0	0	
mORF_-_403911	403911	403958	-	4	48	GTG	TAA	0	0	
mORF_-_403918	403918	404004	-	5	87	TTG	TAA	0	0	
mORF_-_403994	403994	404095	-	6	102	GTG	TAA	0	0	
mORF_-_404059	404059	404976	-	5	918	TTG	TGA	31	186	pORF_-_404059
mORF_-_404112	404112	404159	-	4	48	TTG	TGA	0	0	
mORF_-_404244	404244	404261	-	4	18	TTG	TAA	0	0	
mORF_-_404355	404355	404360	-	4	6	GTG	TGA	0	0	
mORF_-_404376	404376	404390	-	4	15	TTG	TGA	0	0	
mORF_-_404391	404391	404408	-	4	18	TTG	TAA	0	0	
mORF_-_404424	404424	404432	-	4	9	ATG	TGA	0	0	
mORF_-_404478	404478	404582	-	4	105	TTG	TGA	0	0	
mORF_-_404640	404640	404804	-	4	165	TTG	TGA	0	0	
mORF_-_404805	404805	404945	-	4	141	TTG	TGA	0	0	
mORF_-_404930	404930	404956	-	6	27	GTG	TAG	0	0	
mORF_-_404966	404966	405235	-	6	270	ATG	TAA	0	0	
mORF_-_404986	404986	404994	-	5	9	TTG	TAA	0	0	
mORF_-_405028	405028	405111	-	5	84	ATG	TAA	0	0	
mORF_-_405275	405275	405292	-	6	18	ATG	TAA	0	0	
mORF_-_405319	405319	405375	-	5	57	GTG	TAA	0	0	
mORF_-_405372	405372	405431	-	4	60	TTG	TGA	0	0	
mORF_-_405457	405457	405471	-	5	15	ATG	TAA	0	0	
mORF_-_405461	405461	405466	-	6	6	GTG	TAA	0	0	
mORF_-_405482	405482	405517	-	6	36	GTG	TAA	0	0	
mORF_-_405537	405537	405677	-	4	141	TTG	TAA	0	0	
mORF_-_405554	405554	405742	-	6	189	TTG	TAG	0	0	
mORF_-_405580	405580	405603	-	5	24	ATG	TGA	0	0	
mORF_-_405610	405610	405627	-	5	18	GTG	TAG	0	0	
mORF_-_405705	405705	405746	-	4	42	GTG	TAA	0	0	
mORF_-_405730	405730	405870	-	5	141	ATG	TGA	0	0	
mORF_-_405743	405743	405904	-	6	162	TTG	TGA	0	0	
mORF_-_405750	405750	405842	-	4	93	ATG	TGA	0	0	
mORF_-_405892	405892	405900	-	5	9	ATG	TGA	0	0	
mORF_-_405941	405941	405964	-	6	24	TTG	TGA	0	0	

mORF_-_405951	405951	405992	-	4	42	TTG	TAA	0	0	
mORF_-_406024	406024	406146	-	5	123	TTG	TGA	0	0	
mORF_-_406052	406052	406072	-	6	21	ATG	TAG	0	0	
mORF_-_406077	406077	406136	-	4	60	GTG	TGA	0	0	
mORF_-_406143	406143	406400	-	4	258	ATG	TGA	0	0	
mORF_-_406171	406171	406236	-	5	66	ATG	TAA	0	0	
mORF_-_406324	406324	406431	-	5	108	GTG	TGA	0	0	
mORF_-_406370	406370	406387	-	6	18	TTG	TAG	0	0	
mORF_-_406400	406400	406459	-	6	60	ATG	TGA	0	0	
mORF_-_406431	406431	406466	-	4	36	ATG	TAG	0	0	
mORF_-_406447	406447	406452	-	5	6	ATG	TGA	0	0	
mORF_-_406463	406463	406501	-	6	39	TTG	TGA	0	0	
mORF_-_406480	406480	406518	-	5	39	ATG	TAA	0	0	
mORF_-_406528	406528	406578	-	5	51	GTG	TAA	0	0	
mORF_-_406566	406566	406580	-	4	15	TTG	TGA	0	0	
mORF_-_406588	406588	406728	-	5	141	ATG	TGA	0	0	
mORF_-_406602	406602	406652	-	4	51	TTG	TGA	0	0	
mORF_-_406619	406619	406753	-	6	135	ATG	TAA	0	0	
mORF_-_406750	406750	406872	-	5	123	TTG	TGA	0	0	
mORF_-_406827	406827	406832	-	4	6	ATG	TGA	0	0	
mORF_-_406835	406835	406891	-	6	57	TTG	TAA	0	0	
mORF_-_406921	406921	406956	-	5	36	ATG	TAA	0	0	
mORF_-_406929	406929	406952	-	4	24	TTG	TGA	0	0	
mORF_-_406937	406937	407101	-	6	165	TTG	TAA	0	0	
mORF_-_406956	406956	407015	-	4	60	GTG	TAA	0	0	
mORF_-_407052	407052	407129	-	4	78	ATG	TAA	0	0	
mORF_-_407083	407083	407142	-	5	60	ATG	TGA	0	0	
mORF_-_407126	407126	407146	-	6	21	ATG	TGA	0	0	
mORF_-_407143	407143	407211	-	5	69	ATG	TGA	0	0	
mORF_-_407150	407150	407158	-	6	9	TTG	TGA	0	0	
mORF_-_407163	407163	407192	-	4	30	TTG	TGA	0	0	
mORF_-_407222	407222	407242	-	6	21	ATG	TAA	0	0	
mORF_-_407249	407249	407257	-	6	9	TTG	TAA	0	0	
mORF_-_407286	407286	407387	-	4	102	TTG	TAG	0	0	
mORF_-_407318	407318	407380	-	6	63	TTG	TAA	0	0	
mORF_-_407377	407377	407409	-	5	33	TTG	TGA	0	0	
mORF_-_407399	407399	407443	-	6	45	TTG	TAA	0	0	
mORF_-_407406	407406	407516	-	4	111	GTG	TGA	0	0	
mORF_-_407563	407563	407646	-	5	84	TTG	TAA	0	0	
mORF_-_407612	407612	407776	-	6	165	TTG	TAA	0	0	
mORF_-_407637	407637	407660	-	4	24	GTG	TGA	0	0	
mORF_-_407676	407676	407792	-	4	117	ATG	TAG	0	0	
mORF_-_407737	407737	407745	-	5	9	ATG	TAA	0	0	
mORF_-_407773	407773	407802	-	5	30	TTG	TGA	0	0	
mORF_-_407817	407817	407909	-	4	93	TTG	TGA	0	0	
mORF_-_407852	407852	407971	-	6	120	ATG	TAG	0	0	
mORF_-_407869	407869	407916	-	5	48	ATG	TGA	0	0	
mORF_-_407913	407913	407939	-	4	27	TTG	TGA	0	0	
mORF_-_407917	407917	407946	-	5	30	ATG	TAA	0	0	
mORF_-_408002	408002	408307	-	6	306	ATG	TAA	0	0	
mORF_-_408067	408067	408081	-	5	15	TTG	TAA	0	0	
mORF_-_408106	408106	408186	-	5	81	ATG	TAA	0	0	
mORF_-_408150	408150	408179	-	4	30	TTG	TGA	0	0	
mORF_-_408195	408195	408212	-	4	18	ATG	TAA	0	0	
mORF_-_408255	408255	408314	-	4	60	ATG	TAA	0	0	
mORF_-_408314	408314	408331	-	6	18	TTG	TAA	0	0	
mORF_-_408325	408325	408351	-	5	27	GTG	TGA	0	0	
mORF_-_408332	408332	409315	-	6	984	TTG	TAA	27	300	pORF_-_408332
mORF_-_408352	408352	408363	-	5	12	TTG	TAG	0	0	
mORF_-_408376	408376	408393	-	5	18	GTG	TAA	0	0	
mORF_-_408400	408400	408441	-	5	42	GTG	TGA	0	0	
mORF_-_408438	408438	408512	-	4	75	GTG	TGA	0	0	
mORF_-_408484	408484	408504	-	5	21	ATG	TGA	0	0	

mORF_-_408514	408514	408519	-	5	6	TTG	TGA	0	0	
mORF_-_408556	408556	408576	-	5	21	TTG	TGA	0	0	
mORF_-_408625	408625	408636	-	5	12	ATG	TGA	0	0	
mORF_-_408652	408652	408693	-	5	42	GTG	TGA	0	0	
mORF_-_408693	408693	408710	-	4	18	ATG	TAG	0	0	
mORF_-_408721	408721	408729	-	5	9	TTG	TGA	0	0	
mORF_-_408745	408745	408816	-	5	72	GTG	TGA	0	0	
mORF_-_408843	408843	408860	-	4	18	GTG	TAA	0	0	
mORF_-_408862	408862	408891	-	5	30	GTG	TGA	0	0	
mORF_-_409002	409002	409142	-	4	141	ATG	TAA	0	0	
mORF_-_409006	409006	409068	-	5	63	TTG	TGA	0	0	
mORF_-_409075	409075	409083	-	5	9	ATG	TAA	0	0	
mORF_-_409162	409162	409188	-	5	27	GTG	TAG	0	0	
mORF_-_409206	409206	409238	-	4	33	GTG	TAG	0	0	
mORF_-_409331	409331	409459	-	6	129	GTG	TAG	0	0	
mORF_-_409336	409336	409416	-	5	81	GTG	TAG	0	0	
mORF_-_409386	409386	409448	-	4	63	ATG	TAA	0	0	
mORF_-_409472	409472	409558	-	6	87	ATG	TAA	0	0	
mORF_-_409483	409483	409608	-	5	126	TTG	TAG	0	0	
mORF_-_409577	409577	409618	-	6	42	TTG	TAA	0	0	
mORF_-_409615	409615	409677	-	5	63	TTG	TGA	0	0	
mORF_-_409622	409622	409840	-	6	219	TTG	TGA	0	0	
mORF_-_409701	409701	409838	-	4	138	GTG	TGA	0	0	
mORF_-_409753	409753	409785	-	5	33	ATG	TAA	0	0	
mORF_-_409845	409845	410081	-	4	237	ATG	TAG	0	0	
mORF_-_409895	409895	409939	-	6	45	GTG	TAA	0	0	
mORF_-_409996	409996	410079	-	5	84	GTG	TAA	0	0	
mORF_-_410048	410048	410134	-	6	87	TTG	TAG	0	0	
mORF_-_410145	410145	410225	-	4	81	GTG	TAA	0	0	
mORF_-_410150	410150	410383	-	6	234	ATG	TGA	0	0	
mORF_-_410170	410170	410301	-	5	132	ATG	TAA	0	0	
mORF_-_410259	410259	410270	-	4	12	TTG	TAA	0	0	
mORF_-_410335	410335	410376	-	5	42	GTG	TAG	0	0	
mORF_-_410373	410373	410480	-	4	108	GTG	TGA	0	0	
mORF_-_410431	410431	410508	-	5	78	GTG	TGA	0	0	
mORF_-_410477	410477	410494	-	6	18	TTG	TGA	0	0	
mORF_-_410514	410514	410609	-	4	96	TTG	TAG	0	0	
mORF_-_410521	410521	411789	-	5	1269	TTG	TAG	0	0	
mORF_-_410642	410642	410680	-	6	39	TTG	TAA	0	0	
mORF_-_410705	410705	410812	-	6	108	TTG	TAA	0	0	
mORF_-_410712	410712	410732	-	4	21	GTG	TAG	0	0	
mORF_-_410733	410733	410822	-	4	90	TTG	TAG	0	0	
mORF_-_410865	410865	410882	-	4	18	TTG	TGA	0	0	
mORF_-_410891	410891	411178	-	6	288	TTG	TGA	0	0	
mORF_-_410895	410895	410942	-	4	48	GTG	TGA	0	0	
mORF_-_410967	410967	410975	-	4	9	TTG	TAG	0	0	
mORF_-_411039	411039	411077	-	4	39	TTG	TAA	0	0	
mORF_-_411195	411195	411203	-	4	9	TTG	TGA	0	0	
mORF_-_411242	411242	411475	-	6	234	GTG	TAG	0	0	
mORF_-_411297	411297	411419	-	4	123	TTG	TGA	0	0	
mORF_-_411429	411429	411566	-	4	138	ATG	TGA	0	0	
mORF_-_411606	411606	411668	-	4	63	TTG	TAG	0	0	
mORF_-_411702	411702	411737	-	4	36	TTG	TGA	0	0	
mORF_-_411713	411713	411718	-	6	6	TTG	TGA	0	0	
mORF_-_411738	411738	411815	-	4	78	ATG	TGA	0	0	
mORF_-_411831	411831	414977	-	4	3147	ATG	TAA	2	5	pORF_-_411831
mORF_-_411836	411836	411844	-	6	9	TTG	TGA	0	0	
mORF_-_411938	411938	411958	-	6	21	GTG	TGA	0	0	
mORF_-_411965	411965	412171	-	6	207	TTG	TGA	0	0	
mORF_-_412271	412271	412285	-	6	15	TTG	TGA	0	0	
mORF_-_412328	412328	412348	-	6	21	TTG	TGA	0	0	
mORF_-_412358	412358	412369	-	6	12	TTG	TGA	0	0	
mORF_-_412379	412379	412411	-	6	33	ATG	TAA	0	0	

mORF_-_412418	412418	412459	-	6	42	GTG	TGA	0	0	
mORF_-_412640	412640	412654	-	6	15	ATG	TAA	0	0	
mORF_-_412658	412658	412867	-	6	210	GTG	TAA	0	0	
mORF_-_412714	412714	412803	-	5	90	ATG	TGA	0	0	
mORF_-_412925	412925	412996	-	6	72	ATG	TAA	0	0	
mORF_-_413012	413012	413020	-	6	9	ATG	TGA	0	0	
mORF_-_413036	413036	413293	-	6	258	GTG	TAA	0	0	
mORF_-_413158	413158	413238	-	5	81	ATG	TGA	0	0	
mORF_-_413309	413309	413488	-	6	180	GTG	TAA	0	0	
mORF_-_413395	413395	413529	-	5	135	TTG	TAA	0	0	
mORF_-_413537	413537	413752	-	6	216	ATG	TGA	0	0	
mORF_-_413765	413765	413806	-	6	42	ATG	TGA	0	0	
mORF_-_413800	413800	413898	-	5	99	GTG	TGA	0	0	
mORF_-_413810	413810	413872	-	6	63	GTG	TAA	0	0	
mORF_-_414029	414029	414040	-	6	12	TTG	TAA	0	0	
mORF_-_414314	414314	414409	-	6	96	TTG	TGA	0	0	
mORF_-_414449	414449	414490	-	6	42	ATG	TAA	0	0	
mORF_-_414491	414491	414505	-	6	15	TTG	TGA	0	0	
mORF_-_414635	414635	414712	-	6	78	GTG	TAG	0	0	
mORF_-_414716	414716	414724	-	6	9	TTG	TGA	0	0	
mORF_-_414721	414721	414744	-	5	24	ATG	TGA	0	0	
mORF_-_414761	414761	414919	-	6	159	TTG	TGA	0	0	
mORF_-_414790	414790	414828	-	5	39	TTG	TAA	0	0	
mORF_-_414916	414916	415116	-	5	201	GTG	TGA	0	0	
mORF_-_414974	414974	416218	-	6	1245	TTG	TGA	1	2	pORF_-_414974
mORF_-_415129	415129	415152	-	5	24	GTG	TAG	0	0	
mORF_-_415195	415195	415284	-	5	90	ATG	TAA	0	0	
mORF_-_415236	415236	415292	-	4	57	GTG	TGA	0	0	
mORF_-_415402	415402	415440	-	5	39	TTG	TGA	0	0	
mORF_-_415425	415425	415433	-	4	9	ATG	TAA	0	0	
mORF_-_415437	415437	415466	-	4	30	TTG	TGA	0	0	
mORF_-_415444	415444	415599	-	5	156	GTG	TGA	0	0	
mORF_-_415621	415621	415905	-	5	285	ATG	TAA	0	0	
mORF_-_415770	415770	415799	-	4	30	GTG	TGA	0	0	
mORF_-_415906	415906	416094	-	5	189	TTG	TGA	0	0	
mORF_-_416124	416124	416231	-	4	108	ATG	TAA	0	0	
mORF_-_416209	416209	416259	-	5	51	TTG	TAA	0	0	
mORF_-_416256	416256	416315	-	4	60	ATG	TGA	0	0	
mORF_-_416288	416288	416302	-	6	15	ATG	TGA	0	0	
mORF_-_416299	416299	416367	-	5	69	ATG	TGA	0	0	
mORF_-_416342	416342	416488	-	6	147	TTG	TAG	0	0	
mORF_-_416349	416349	416354	-	4	6	TTG	TAA	0	0	
mORF_-_416364	416364	416405	-	4	42	TTG	TGA	0	0	
mORF_-_416485	416485	416571	-	5	87	TTG	TGA	0	0	
mORF_-_416531	416531	416566	-	6	36	GTG	TAA	0	0	
mORF_-_416668	416668	416715	-	5	48	TTG	TAG	0	0	
mORF_-_416712	416712	416792	-	4	81	ATG	TGA	0	0	
mORF_-_416774	416774	416872	-	6	99	ATG	TAA	0	0	
mORF_-_416794	416794	417006	-	5	213	ATG	TGA	0	0	
mORF_-_416903	416903	416998	-	6	96	ATG	TAA	0	0	
mORF_-_416922	416922	417044	-	4	123	TTG	TAG	0	0	
mORF_-_417041	417041	417067	-	6	27	ATG	TGA	0	0	
mORF_-_417109	417109	417180	-	5	72	ATG	TAA	0	0	
mORF_-_417155	417155	417250	-	6	96	ATG	TAG	0	0	
mORF_-_417177	417177	417224	-	4	48	ATG	TGA	0	0	
mORF_-_417199	417199	417540	-	5	342	ATG	TAA	0	0	
mORF_-_417240	417240	417311	-	4	72	GTG	TAA	0	0	
mORF_-_417347	417347	417499	-	6	153	TTG	TAA	0	0	
mORF_-_417548	417548	417751	-	6	204	ATG	TAG	0	0	
mORF_-_417556	417556	417651	-	5	96	ATG	TAA	0	0	
mORF_-_417655	417655	417696	-	5	42	GTG	TAA	0	0	
mORF_-_417693	417693	417920	-	4	228	GTG	TGA	0	0	
mORF_-_417706	417706	417741	-	5	36	TTG	TGA	0	0	

mORF_-_417776	417776	417928	-	6	153	ATG	TAA	0	0
mORF_-_417784	417784	417936	-	5	153	TTG	TAA	0	0
mORF_-_417933	417933	418013	-	4	81	ATG	TGA	0	0
mORF_-_417997	417997	418053	-	5	57	TTG	TGA	0	0
mORF_-_418064	418064	418261	-	6	198	TTG	TAG	0	0
mORF_-_418105	418105	418194	-	5	90	ATG	TGA	0	0
mORF_-_418167	418167	418358	-	4	192	GTG	TAA	0	0
mORF_-_418283	418283	418315	-	6	33	GTG	TAA	0	0
mORF_-_418312	418312	418395	-	5	84	TTG	TGA	0	0
mORF_-_418385	418385	418435	-	6	51	ATG	TAA	0	0
mORF_-_418405	418405	418422	-	5	18	ATG	TAA	0	0
mORF_-_418419	418419	418529	-	4	111	ATG	TGA	0	0
mORF_-_418490	418490	418540	-	6	51	GTG	TAA	0	0
mORF_-_418621	418621	418770	-	5	150	GTG	TAA	0	0
mORF_-_418653	418653	418667	-	4	15	ATG	TGA	0	0
mORF_-_418734	418734	418826	-	4	93	TTG	TAA	0	0
mORF_-_418783	418783	418800	-	5	18	GTG	TAA	0	0
mORF_-_418823	418823	419038	-	6	216	GTG	TGA	0	0
mORF_-_418858	418858	418866	-	5	9	ATG	TAA	0	0
mORF_-_418894	418894	418950	-	5	57	ATG	TAA	0	0
mORF_-_418917	418917	418934	-	4	18	GTG	TAA	0	0
mORF_-_418963	418963	419007	-	5	45	TTG	TAA	0	0
mORF_-_418986	418986	419360	-	4	375	TTG	TAA	0	0
mORF_-_419032	419032	419073	-	5	42	TTG	TGA	0	0
mORF_-_419228	419228	419341	-	6	114	GTG	TAG	0	0
mORF_-_419386	419386	419421	-	5	36	TTG	TAA	0	0
mORF_-_419393	419393	419404	-	6	12	ATG	TAG	0	0
mORF_-_419467	419467	419598	-	5	132	TTG	TAA	0	0
mORF_-_419565	419565	419633	-	4	69	GTG	TGA	0	0
mORF_-_419627	419627	419680	-	6	54	ATG	TGA	0	0
mORF_-_419851	419851	419874	-	5	24	GTG	TAG	0	0
mORF_-_419855	419855	420085	-	6	231	ATG	TAA	0	0
mORF_-_419890	419890	419901	-	5	12	ATG	TAA	0	0
mORF_-_419898	419898	419909	-	4	12	ATG	TGA	0	0
mORF_-_419974	419974	419988	-	5	15	ATG	TGA	0	0
mORF_-_419989	419989	420060	-	5	72	TTG	TGA	0	0
mORF_-_420021	420021	420038	-	4	18	TTG	TAA	0	0
mORF_-_420051	420051	420146	-	4	96	ATG	TAA	0	0
mORF_-_420131	420131	420139	-	6	9	GTG	TAG	0	0
mORF_-_420136	420136	420159	-	5	24	GTG	TGA	0	0
mORF_-_420200	420200	420289	-	6	90	GTG	TAA	0	0
mORF_-_420240	420240	420254	-	4	15	GTG	TAG	0	0
mORF_-_420262	420262	420282	-	5	21	TTG	TAA	0	0
mORF_-_420276	420276	421556	-	4	1281	GTG	TGA	0	0
mORF_-_420299	420299	420322	-	6	24	TTG	TAA	0	0
mORF_-_420350	420350	420382	-	6	33	ATG	TAG	0	0
mORF_-_420473	420473	420478	-	6	6	ATG	TAA	0	0
mORF_-_420491	420491	420520	-	6	30	ATG	TAG	0	0
mORF_-_420545	420545	420739	-	6	195	TTG	TAG	0	0
mORF_-_420761	420761	420811	-	6	51	ATG	TGA	0	0
mORF_-_420947	420947	420970	-	6	24	ATG	TAG	0	0
mORF_-_420992	420992	421180	-	6	189	TTG	TGA	0	0
mORF_-_421066	421066	421101	-	5	36	TTG	TAA	0	0
mORF_-_421256	421256	421426	-	6	171	ATG	TAG	0	0
mORF_-_421261	421261	421302	-	5	42	TTG	TGA	0	0
mORF_-_421396	421396	421419	-	5	24	TTG	TAA	0	0
mORF_-_421640	421640	421696	-	6	57	ATG	TAA	0	0
mORF_-_421701	421701	421709	-	4	9	TTG	TAG	0	0
mORF_-_421715	421715	421729	-	6	15	GTG	TGA	0	0
mORF_-_421726	421726	421791	-	5	66	TTG	TGA	0	0
mORF_-_421737	421737	421775	-	4	39	ATG	TAA	0	0
mORF_-_421745	421745	421864	-	6	120	GTG	TAA	0	0
mORF_-_421795	421795	421845	-	5	51	ATG	TGA	0	0

mORF_-_421806	421806	421835	-	4	30	GTG	TAA	0	0
mORF_-_421880	421880	422203	-	6	324	TTG	TGA	0	0
mORF_-_421906	421906	421926	-	5	21	GTG	TGA	0	0
mORF_-_421923	421923	421931	-	4	9	ATG	TGA	0	0
mORF_-_421975	421975	421986	-	5	12	TTG	TAA	0	0
mORF_-_422016	422016	422021	-	4	6	GTG	TAA	0	0
mORF_-_422031	422031	422093	-	4	63	GTG	TGA	0	0
mORF_-_422188	422188	422238	-	5	51	GTG	TGA	0	0
mORF_-_422235	422235	422258	-	4	24	TTG	TGA	0	0
mORF_-_422255	422255	422881	-	6	627	TTG	TGA	0	0
mORF_-_422263	422263	422340	-	5	78	TTG	TAG	0	0
mORF_-_422386	422386	422538	-	5	153	GTG	TAA	0	0
mORF_-_422551	422551	422604	-	5	54	GTG	TGA	0	0
mORF_-_422677	422677	422913	-	5	237	ATG	TAA	0	0
mORF_-_422811	422811	422876	-	4	66	GTG	TGA	0	0
mORF_-_422885	422885	423052	-	6	168	TTG	TAA	0	0
mORF_-_422917	422917	422958	-	5	42	TTG	TAG	0	0
mORF_-_422928	422928	422933	-	4	6	ATG	TGA	0	0
mORF_-_423053	423053	423082	-	6	30	GTG	TAA	0	0
mORF_-_423067	423067	423177	-	5	111	ATG	TGA	0	0
mORF_-_423153	423153	423410	-	4	258	TTG	TGA	0	0
mORF_-_423181	423181	423210	-	5	30	TTG	TAA	0	0
mORF_-_423320	423320	423394	-	6	75	TTG	TAG	0	0
mORF_-_423388	423388	423531	-	5	144	ATG	TGA	0	0
mORF_-_423411	423411	423452	-	4	42	GTG	TGA	0	0
mORF_-_423449	423449	423499	-	6	51	TTG	TGA	0	0
mORF_-_423561	423561	424142	-	4	582	ATG	TAA	0	0
mORF_-_423590	423590	423634	-	6	45	ATG	TGA	0	0
mORF_-_423644	423644	423673	-	6	30	ATG	TAG	0	0
mORF_-_423661	423661	423903	-	5	243	GTG	TGA	0	0
mORF_-_423815	423815	423943	-	6	129	GTG	TGA	0	0
mORF_-_423943	423943	423954	-	5	12	GTG	TAG	0	0
mORF_-_424146	424146	424196	-	4	51	GTG	TAA	0	0
mORF_-_424201	424201	424236	-	5	36	ATG	TAG	0	0
mORF_-_424217	424217	424285	-	6	69	GTG	TAA	0	0
mORF_-_424285	424285	424665	-	5	381	ATG	TAG	0	0
mORF_-_424316	424316	424354	-	6	39	GTG	TAA	0	0
mORF_-_424370	424370	424912	-	6	543	GTG	TAA	0	0
mORF_-_424407	424407	424538	-	4	132	TTG	TAA	0	0
mORF_-_424578	424578	424610	-	4	33	GTG	TAA	0	0
mORF_-_424738	424738	424893	-	5	156	ATG	TAA	0	0
mORF_-_424900	424900	425001	-	5	102	GTG	TGA	0	0
mORF_-_425003	425003	425191	-	6	189	GTG	TGA	0	0
mORF_-_425029	425029	425052	-	5	24	ATG	TGA	0	0
mORF_-_425086	425086	425106	-	5	21	TTG	TAG	0	0
mORF_-_425185	425185	425196	-	5	12	ATG	TGA	0	0
mORF_-_425242	425242	425397	-	5	156	GTG	TAA	0	0
mORF_-_425262	425262	425282	-	4	21	TTG	TGA	0	0
mORF_-_425283	425283	425690	-	4	408	GTG	TAA	0	0
mORF_-_425321	425321	425461	-	6	141	GTG	TAA	0	0
mORF_-_425462	425462	425707	-	6	246	TTG	TAG	0	0
mORF_-_425704	425704	425742	-	5	39	TTG	TGA	0	0
mORF_-_425750	425750	425779	-	6	30	ATG	TGA	0	0
mORF_-_425776	425776	425826	-	5	51	TTG	TGA	0	0
mORF_-_425819	425819	425917	-	6	99	ATG	TAA	0	0
mORF_-_425940	425940	426188	-	4	249	ATG	TAA	0	0
mORF_-_425956	425956	426294	-	5	339	GTG	TAA	0	0
mORF_-_425987	425987	426076	-	6	90	TTG	TAG	0	0
mORF_-_426083	426083	426172	-	6	90	TTG	TAA	0	0
mORF_-_426185	426185	426223	-	6	39	TTG	TGA	0	0
mORF_-_426272	426272	426286	-	6	15	TTG	TAG	0	0
mORF_-_426291	426291	426311	-	4	21	ATG	TGA	0	0
mORF_-_426308	426308	426355	-	6	48	ATG	TGA	0	0

mORF_-_426333	426333	426359	-	4	27	ATG	TAA	0	0	
mORF_-_426371	426371	426400	-	6	30	TTG	TAG	0	0	
mORF_-_426403	426403	426471	-	5	69	GTG	TAG	0	0	
mORF_-_426508	426508	426657	-	5	150	GTG	TAA	0	0	
mORF_-_426521	426521	426553	-	6	33	GTG	TAA	0	0	
mORF_-_426612	426612	426731	-	4	120	TTG	TAG	0	0	
mORF_-_426617	426617	426634	-	6	18	GTG	TGA	0	0	
mORF_-_426747	426747	426830	-	4	84	ATG	TAG	0	0	
mORF_-_426874	426874	427014	-	5	141	TTG	TAA	0	0	
mORF_-_426882	426882	426950	-	4	69	TTG	TAA	0	0	
mORF_-_426975	426975	427163	-	4	189	TTG	TGA	0	0	
mORF_-_427039	427039	427044	-	5	6	TTG	TAA	0	0	
mORF_-_427061	427061	427075	-	6	15	GTG	TAG	0	0	
mORF_-_427088	427088	427141	-	6	54	ATG	TAG	0	0	
mORF_-_427141	427141	427317	-	5	177	TTG	TAA	0	0	
mORF_-_427178	427178	427195	-	6	18	TTG	TAA	0	0	
mORF_-_427263	427263	427388	-	4	126	TTG	TGA	0	0	
mORF_-_427330	427330	427884	-	5	555	TTG	TAG	0	0	
mORF_-_427389	427389	427562	-	4	174	ATG	TAG	0	0	
mORF_-_427562	427562	427753	-	6	192	ATG	TAA	0	0	
mORF_-_427659	427659	427730	-	4	72	TTG	TGA	0	0	
mORF_-_427800	427800	428108	-	4	309	TTG	TGA	0	0	
mORF_-_427940	427940	428011	-	6	72	TTG	TAG	0	0	
mORF_-_428102	428102	428200	-	6	99	TTG	TGA	0	0	
mORF_-_428169	428169	428279	-	4	111	ATG	TGA	0	0	
mORF_-_428283	428283	428471	-	4	189	TTG	TAG	0	0	
mORF_-_428348	428348	428371	-	6	24	TTG	TAA	0	0	
mORF_-_428404	428404	428487	-	5	84	TTG	TAA	0	0	
mORF_-_428453	428453	428518	-	6	66	ATG	TAA	0	0	
mORF_-_428505	428505	428735	-	4	231	GTG	TAA	1	8	pORF_-_428505
mORF_-_428564	428564	428593	-	6	30	TTG	TGA	0	0	
mORF_-_428699	428699	428755	-	6	57	TTG	TGA	0	0	
mORF_-_428756	428756	428764	-	6	9	GTG	TAG	0	0	
mORF_-_428797	428797	429012	-	5	216	ATG	TAG	0	0	
mORF_-_428828	428828	429265	-	6	438	GTG	TAA	0	0	
mORF_-_428907	428907	428951	-	4	45	ATG	TAA	0	0	
mORF_-_429049	429049	429096	-	5	48	TTG	TGA	0	0	
mORF_-_429097	429097	429324	-	5	228	ATG	TGA	0	0	
mORF_-_429276	429276	429332	-	4	57	ATG	TAA	0	0	
mORF_-_429296	429296	429643	-	6	348	GTG	TAA	0	0	
mORF_-_429352	429352	429408	-	5	57	TTG	TAA	0	0	
mORF_-_429427	429427	429594	-	5	168	ATG	TAA	0	0	
mORF_-_429477	429477	429482	-	4	6	ATG	TGA	0	0	
mORF_-_429561	429561	429782	-	4	222	ATG	TAA	0	0	
mORF_-_429595	429595	429645	-	5	51	ATG	TAG	0	0	
mORF_-_429731	429731	429814	-	6	84	ATG	TGA	0	0	
mORF_-_429804	429804	429839	-	4	36	ATG	TAG	0	0	
mORF_-_429836	429836	429886	-	6	51	ATG	TGA	0	0	
mORF_-_429886	429886	430047	-	5	162	ATG	TAA	0	0	
mORF_-_429933	429933	429941	-	4	9	TTG	TAA	0	0	
mORF_-_429960	429960	429968	-	4	9	ATG	TGA	0	0	
mORF_-_429972	429972	429986	-	4	15	TTG	TGA	0	0	
mORF_-_430068	430068	430166	-	4	99	TTG	TGA	0	0	
mORF_-_430085	430085	430138	-	6	54	ATG	TAA	0	0	
mORF_-_430222	430222	430302	-	5	81	GTG	TAA	0	0	
mORF_-_430227	430227	430304	-	4	78	GTG	TGA	0	0	
mORF_-_430274	430274	430315	-	6	42	TTG	TAA	0	0	
mORF_-_430309	430309	430449	-	5	141	GTG	TAA	0	0	
mORF_-_430353	430353	431285	-	4	933	TTG	TGA	33	132	pORF_-_430353
mORF_-_430370	430370	430384	-	6	15	GTG	TAG	0	0	
mORF_-_430427	430427	430456	-	6	30	GTG	TGA	0	0	
mORF_-_430505	430505	430582	-	6	78	ATG	TGA	0	0	
mORF_-_430579	430579	430644	-	5	66	GTG	TGA	0	0	

mORF_-_430628	430628	430741	-	6	114	ATG	TGA	0	0	
mORF_-_430669	430669	430728	-	5	60	GTG	TAA	0	0	
mORF_-_430760	430760	430822	-	6	63	ATG	TGA	0	0	
mORF_-_430828	430828	430869	-	5	42	GTG	TAA	0	0	
mORF_-_430904	430904	431212	-	6	309	GTG	TGA	0	0	
mORF_-_431119	431119	431136	-	5	18	GTG	TAA	0	0	
mORF_-_431234	431234	431335	-	6	102	ATG	TGA	0	0	
mORF_-_431295	431295	431342	-	4	48	GTG	TAG	0	0	
mORF_-_431339	431339	431407	-	6	69	ATG	TGA	0	0	
mORF_-_431359	431359	431373	-	5	15	ATG	TGA	0	0	
mORF_-_431370	431370	431573	-	4	204	TTG	TGA	0	0	
mORF_-_431398	431398	431517	-	5	120	TTG	TAA	0	0	
mORF_-_431456	431456	431515	-	6	60	GTG	TGA	1	2	pORF_-_431456
mORF_-_431536	431536	432135	-	5	600	ATG	TAA	0	0	
mORF_-_431601	431601	431654	-	4	54	ATG	TAA	0	0	
mORF_-_431658	431658	431675	-	4	18	ATG	TGA	0	0	
mORF_-_431694	431694	431798	-	4	105	ATG	TAG	0	0	
mORF_-_431811	431811	431906	-	4	96	ATG	TGA	0	0	
mORF_-_431988	431988	432017	-	4	30	GTG	TGA	0	0	
mORF_-_432072	432072	432098	-	4	27	TTG	TGA	0	0	
mORF_-_432099	432099	432491	-	4	393	TTG	TAA	0	0	
mORF_-_432143	432143	432151	-	6	9	TTG	TAA	0	0	
mORF_-_432176	432176	432238	-	6	63	ATG	TGA	0	0	
mORF_-_432214	432214	432231	-	5	18	ATG	TGA	0	0	
mORF_-_432257	432257	432295	-	6	39	ATG	TAG	0	0	
mORF_-_432292	432292	432570	-	5	279	TTG	TGA	0	0	
mORF_-_432407	432407	432487	-	6	81	TTG	TAA	0	0	
mORF_-_432492	432492	432554	-	4	63	TTG	TGA	0	0	
mORF_-_432615	432615	432638	-	4	24	TTG	TAG	0	0	
mORF_-_432693	432693	432776	-	4	84	TTG	TAA	0	0	
mORF_-_432709	432709	433077	-	5	369	TTG	TAG	0	0	
mORF_-_432773	432773	432826	-	6	54	GTG	TGA	0	0	
mORF_-_432801	432801	432869	-	4	69	TTG	TAA	0	0	
mORF_-_432882	432882	432890	-	4	9	GTG	TAG	0	0	
mORF_-_432887	432887	432940	-	6	54	GTG	TGA	0	0	
mORF_-_432909	432909	432944	-	4	36	ATG	TGA	0	0	
mORF_-_433014	433014	433109	-	4	96	GTG	TAA	0	0	
mORF_-_433094	433094	433144	-	6	51	ATG	TGA	0	0	
mORF_-_433125	433125	433193	-	4	69	GTG	TGA	0	0	
mORF_-_433129	433129	433221	-	5	93	TTG	TAA	0	0	
mORF_-_433222	433222	433242	-	5	21	ATG	TAG	0	0	
mORF_-_433239	433239	433265	-	4	27	GTG	TGA	0	0	
mORF_-_433288	433288	433554	-	5	267	TTG	TAA	0	0	
mORF_-_433353	433353	433409	-	4	57	ATG	TGA	0	0	
mORF_-_433509	433509	433565	-	4	57	ATG	TGA	0	0	
mORF_-_433556	433556	433645	-	6	90	GTG	TAA	0	0	
mORF_-_433635	433635	433730	-	4	96	TTG	TAG	0	0	
mORF_-_433702	433702	433767	-	5	66	ATG	TAA	0	0	
mORF_-_433727	433727	433780	-	6	54	ATG	TGA	0	0	
mORF_-_433740	433740	433811	-	4	72	GTG	TGA	0	0	
mORF_-_433768	433768	433950	-	5	183	TTG	TAA	0	0	
mORF_-_433823	433823	434242	-	6	420	TTG	TAG	0	0	
mORF_-_433947	433947	433982	-	4	36	GTG	TGA	0	0	
mORF_-_433996	433996	434016	-	5	21	ATG	TGA	0	0	
mORF_-_434016	434016	434069	-	4	54	GTG	TAA	0	0	
mORF_-_434041	434041	434334	-	5	294	TTG	TAG	0	0	
mORF_-_434115	434115	434294	-	4	180	GTG	TAA	0	0	
mORF_-_434331	434331	434954	-	4	624	GTG	TGA	0	0	
mORF_-_434411	434411	434773	-	6	363	TTG	TAG	0	0	
mORF_-_434530	434530	434565	-	5	36	ATG	TAG	0	0	
mORF_-_434638	434638	434658	-	5	21	ATG	TAG	0	0	
mORF_-_434728	434728	434754	-	5	27	GTG	TGA	0	0	
mORF_-_434837	434837	435019	-	6	183	ATG	TAA	0	0	

mORF_-_434890	434890	434994	-	5	105	GTG	TAA	0	0	
mORF_-_434988	434988	435125	-	4	138	ATG	TGA	0	0	
mORF_-_435052	435052	435192	-	5	141	TTG	TAA	0	0	
mORF_-_435131	435131	435208	-	6	78	TTG	TAA	0	0	
mORF_-_435196	435196	435228	-	5	33	GTG	TAA	0	0	
mORF_-_435210	435210	435338	-	4	129	GTG	TGA	0	0	
mORF_-_435242	435242	435262	-	6	21	GTG	TGA	0	0	
mORF_-_435287	435287	435427	-	6	141	ATG	TAA	0	0	
mORF_-_435409	435409	435420	-	5	12	TTG	TAG	0	0	
mORF_-_435417	435417	435569	-	4	153	ATG	TGA	0	0	
mORF_-_435424	435424	435489	-	5	66	ATG	TGA	0	0	
mORF_-_435482	435482	435742	-	6	261	TTG	TGA	0	0	
mORF_-_435649	435649	435828	-	5	180	GTG	TAA	0	0	
mORF_-_435792	435792	435878	-	4	87	ATG	TAA	0	0	
mORF_-_435797	435797	435820	-	6	24	ATG	TAA	0	0	
mORF_-_435906	435906	436364	-	4	459	GTG	TAA	2	10	pORF_-_435906
mORF_-_436040	436040	436057	-	6	18	ATG	TGA	0	0	
mORF_-_436070	436070	436285	-	6	216	ATG	TGA	0	0	
mORF_-_436294	436294	436371	-	5	78	ATG	TAA	0	0	
mORF_-_436304	436304	436339	-	6	36	GTG	TGA	0	0	
mORF_-_436385	436385	437431	-	6	1047	GTG	TAA	27	160	pORF_-_436385
mORF_-_436396	436396	436437	-	5	42	TTG	TAG	0	0	
mORF_-_436471	436471	436524	-	5	54	TTG	TGA	0	0	
mORF_-_436537	436537	436587	-	5	51	GTG	TGA	0	0	
mORF_-_436597	436597	436662	-	5	66	ATG	TAA	0	0	
mORF_-_436662	436662	436760	-	4	99	GTG	TGA	0	0	
mORF_-_436735	436735	436788	-	5	54	GTG	TAA	0	0	
mORF_-_436795	436795	436869	-	5	75	TTG	TGA	0	0	
mORF_-_436921	436921	437196	-	5	276	TTG	TAA	0	0	
mORF_-_437203	437203	437223	-	5	21	GTG	TAA	0	0	
mORF_-_437226	437226	437264	-	4	39	ATG	TAA	0	0	
mORF_-_437230	437230	437292	-	5	63	TTG	TAA	0	0	
mORF_-_437271	437271	437312	-	4	42	TTG	TAA	0	0	
mORF_-_437341	437341	437385	-	5	45	ATG	TAG	0	0	
mORF_-_437382	437382	437414	-	4	33	ATG	TGA	0	0	
mORF_-_437436	437436	437480	-	4	45	TTG	TAA	0	0	
mORF_-_437487	437487	437648	-	4	162	TTG	TAA	0	0	
mORF_-_437539	437539	439401	-	5	1863	ATG	TAA	13	44	pORF_-_437539
mORF_-_437733	437733	437753	-	4	21	ATG	TAG	0	0	
mORF_-_437775	437775	437789	-	4	15	TTG	TAA	0	0	
mORF_-_437796	437796	437801	-	4	6	TTG	TGA	0	0	
mORF_-_437859	437859	437897	-	4	39	GTG	TGA	0	0	
mORF_-_437904	437904	437921	-	4	18	TTG	TGA	0	0	
mORF_-_437943	437943	438044	-	4	102	ATG	TGA	0	0	
mORF_-_437999	437999	438034	-	6	36	ATG	TAA	0	0	
mORF_-_438054	438054	438275	-	4	222	TTG	TGA	0	0	
mORF_-_438279	438279	438362	-	4	84	GTG	TGA	0	0	
mORF_-_438359	438359	438415	-	6	57	GTG	TGA	0	0	
mORF_-_438384	438384	438545	-	4	162	GTG	TGA	0	0	
mORF_-_438458	438458	438475	-	6	18	TTG	TAG	0	0	
mORF_-_438603	438603	438674	-	4	72	TTG	TAA	0	0	
mORF_-_438690	438690	438860	-	4	171	ATG	TAG	0	0	
mORF_-_438909	438909	439019	-	4	111	GTG	TGA	0	0	
mORF_-_439047	439047	439058	-	4	12	ATG	TAA	0	0	
mORF_-_439055	439055	439078	-	6	24	GTG	TGA	0	0	
mORF_-_439137	439137	439172	-	4	36	ATG	TGA	0	0	
mORF_-_439145	439145	439177	-	6	33	TTG	TAA	0	0	
mORF_-_439179	439179	439208	-	4	30	ATG	TGA	0	0	
mORF_-_439272	439272	439394	-	4	123	TTG	TGA	0	0	
mORF_-_439426	439426	440325	-	5	900	ATG	TAA	17	240	pORF_-_439426
mORF_-_439503	439503	439520	-	4	18	ATG	TGA	0	0	
mORF_-_439527	439527	439718	-	4	192	GTG	TGA	0	0	
mORF_-_439740	439740	439751	-	4	12	TTG	TAA	0	0	

mORF_-_439770	439770	439805	-	4	36	TTG	TGA	0	0	
mORF_-_439802	439802	439864	-	6	63	GTG	TGA	0	0	
mORF_-_439845	439845	439880	-	4	36	GTG	TAG	0	0	
mORF_-_439902	439902	439946	-	4	45	ATG	TGA	0	0	
mORF_-_439950	439950	440012	-	4	63	TTG	TAA	0	0	
mORF_-_440016	440016	440078	-	4	63	ATG	TGA	0	0	
mORF_-_440075	440075	440104	-	6	30	GTG	TGA	0	0	
mORF_-_440082	440082	440198	-	4	117	GTG	TAA	0	0	
mORF_-_440199	440199	440213	-	4	15	ATG	TAG	0	0	
mORF_-_440291	440291	440332	-	6	42	ATG	TAA	0	0	
mORF_-_440325	440325	440567	-	4	243	ATG	TAA	15	362	pORF_-_440325
mORF_-_440351	440351	440368	-	6	18	ATG	TAA	0	0	
mORF_-_440459	440459	440488	-	6	30	GTG	TGA	0	0	
mORF_-_440501	440501	440506	-	6	6	TTG	TAA	0	0	
mORF_-_440522	440522	440665	-	6	144	TTG	TGA	0	0	
mORF_-_440602	440602	440631	-	5	30	TTG	TGA	0	0	
mORF_-_440616	440616	440660	-	4	45	GTG	TGA	0	0	
mORF_-_440673	440673	440861	-	4	189	ATG	TAA	0	0	
mORF_-_440731	440731	440820	-	5	90	TTG	TAG	0	0	
mORF_-_440849	440849	440935	-	6	87	TTG	TAA	0	0	
mORF_-_440872	440872	441123	-	5	252	ATG	TAA	0	0	
mORF_-_440880	440880	441032	-	4	153	ATG	TAG	0	0	
mORF_-_441072	441072	441119	-	4	48	TTG	TGA	0	0	
mORF_-_441166	441166	442275	-	5	1110	GTG	TAA	0	0	
mORF_-_441171	441171	441206	-	4	36	TTG	TGA	0	0	
mORF_-_441267	441267	441323	-	4	57	ATG	TAG	0	0	
mORF_-_441546	441546	441566	-	4	21	TTG	TGA	0	0	
mORF_-_441563	441563	441589	-	6	27	ATG	TGA	0	0	
mORF_-_441606	441606	441701	-	4	96	GTG	TAA	0	0	
mORF_-_441726	441726	441977	-	4	252	TTG	TAA	0	0	
mORF_-_442016	442016	442042	-	6	27	GTG	TAG	0	0	
mORF_-_442080	442080	442121	-	4	42	TTG	TAG	0	0	
mORF_-_442173	442173	442268	-	4	96	ATG	TAG	0	0	
mORF_-_442275	442275	442871	-	4	597	GTG	TAG	11	53	pORF_-_442275
mORF_-_442307	442307	442348	-	6	42	TTG	TGA	0	0	
mORF_-_442339	442339	442452	-	5	114	ATG	TGA	0	0	
mORF_-_442367	442367	442375	-	6	9	TTG	TGA	0	0	
mORF_-_442415	442415	442426	-	6	12	ATG	TAA	0	0	
mORF_-_442493	442493	442645	-	6	153	GTG	TGA	0	0	
mORF_-_442498	442498	442551	-	5	54	TTG	TAA	0	0	
mORF_-_442612	442612	442626	-	5	15	GTG	TAG	0	0	
mORF_-_442658	442658	442699	-	6	42	ATG	TGA	0	0	
mORF_-_442712	442712	442828	-	6	117	GTG	TGA	0	0	
mORF_-_442828	442828	443739	-	5	912	ATG	TAG	8	27	pORF_-_442828
mORF_-_442884	442884	443036	-	4	153	TTG	TAA	0	0	
mORF_-_443046	443046	443057	-	4	12	GTG	TGA	0	0	
mORF_-_443054	443054	443119	-	6	66	ATG	TGA	0	0	
mORF_-_443097	443097	443156	-	4	60	GTG	TGA	0	0	
mORF_-_443153	443153	443167	-	6	15	TTG	TGA	0	0	
mORF_-_443189	443189	443221	-	6	33	GTG	TAA	0	0	
mORF_-_443193	443193	443381	-	4	189	ATG	TGA	1	65	pORF_-_443193
mORF_-_443255	443255	443521	-	6	267	ATG	TGA	0	0	
mORF_-_443472	443472	443507	-	4	36	ATG	TAA	0	0	
mORF_-_443580	443580	443615	-	4	36	TTG	TGA	0	0	
mORF_-_443622	443622	443669	-	4	48	ATG	TGA	0	0	
mORF_-_443627	443627	443632	-	6	6	TTG	TAG	0	0	
mORF_-_443666	443666	443758	-	6	93	TTG	TGA	0	0	
mORF_-_443706	443706	443714	-	4	9	GTG	TAG	0	0	
mORF_-_443736	443736	443762	-	4	27	GTG	TGA	0	0	
mORF_-_443749	443749	443775	-	5	27	TTG	TGA	0	0	
mORF_-_443781	443781	443819	-	4	39	TTG	TAG	0	0	
mORF_-_443788	443788	444021	-	5	234	ATG	TAA	0	0	
mORF_-_443942	443942	444082	-	6	141	TTG	TGA	0	0	

mORF_-_444018	444018	444278	-	4	261	TTG	TGA	0	0
mORF_-_444083	444083	444127	-	6	45	ATG	TGA	0	0
mORF_-_444164	444164	444259	-	6	96	TTG	TGA	0	0
mORF_-_444281	444281	444337	-	6	57	ATG	TGA	0	0
mORF_-_444365	444365	444382	-	6	18	TTG	TGA	0	0
mORF_-_444379	444379	444423	-	5	45	ATG	TGA	0	0
mORF_-_444420	444420	444437	-	4	18	ATG	TGA	0	0
mORF_-_444454	444454	444459	-	5	6	TTG	TAG	0	0
mORF_-_444471	444471	444512	-	4	42	TTG	TGA	0	0
mORF_-_444526	444526	446088	-	5	1563	TTG	TAA	0	0
mORF_-_444549	444549	444557	-	4	9	TTG	TAG	0	0
mORF_-_444585	444585	444614	-	4	30	TTG	TGA	0	0
mORF_-_444657	444657	444713	-	4	57	ATG	TAA	0	0
mORF_-_444692	444692	444751	-	6	60	GTG	TGA	0	0
mORF_-_444744	444744	444869	-	4	126	GTG	TGA	0	0
mORF_-_444936	444936	445022	-	4	87	TTG	TGA	0	0
mORF_-_444941	444941	445006	-	6	66	GTG	TAA	0	0
mORF_-_445029	445029	445049	-	4	21	TTG	TGA	0	0
mORF_-_445059	445059	445109	-	4	51	TTG	TGA	0	0
mORF_-_445116	445116	445196	-	4	81	TTG	TAA	0	0
mORF_-_445169	445169	445225	-	6	57	GTG	TGA	0	0
mORF_-_445206	445206	445235	-	4	30	TTG	TGA	0	0
mORF_-_445287	445287	445337	-	4	51	TTG	TGA	0	0
mORF_-_445322	445322	445342	-	6	21	TTG	TAG	0	0
mORF_-_445347	445347	445355	-	4	9	TTG	TGA	0	0
mORF_-_445380	445380	445460	-	4	81	TTG	TGA	0	0
mORF_-_445464	445464	445649	-	4	186	TTG	TGA	0	0
mORF_-_445650	445650	445688	-	4	39	TTG	TAA	0	0
mORF_-_445713	445713	445736	-	4	24	TTG	TGA	0	0
mORF_-_445743	445743	445760	-	4	18	GTG	TAA	0	0
mORF_-_445839	445839	445865	-	4	27	GTG	TAG	0	0
mORF_-_445890	445890	445949	-	4	60	ATG	TAA	0	0
mORF_-_445994	445994	446017	-	6	24	GTG	TAG	0	0
mORF_-_446022	446022	446045	-	4	24	GTG	TAA	0	0
mORF_-_446039	446039	446974	-	6	936	GTG	TAA	0	0
mORF_-_446098	446098	446169	-	5	72	TTG	TGA	0	0
mORF_-_446172	446172	446201	-	4	30	GTG	TAA	0	0
mORF_-_446194	446194	446256	-	5	63	TTG	TAG	0	0
mORF_-_446266	446266	446283	-	5	18	TTG	TGA	0	0
mORF_-_446332	446332	446463	-	5	132	GTG	TAA	0	0
mORF_-_446373	446373	446417	-	4	45	GTG	TAA	0	0
mORF_-_446467	446467	446475	-	5	9	GTG	TAA	0	0
mORF_-_446485	446485	446517	-	5	33	TTG	TGA	0	0
mORF_-_446545	446545	446580	-	5	36	TTG	TGA	0	0
mORF_-_446556	446556	446627	-	4	72	GTG	TAG	0	0
mORF_-_446587	446587	446646	-	5	60	TTG	TGA	0	0
mORF_-_446698	446698	446862	-	5	165	TTG	TGA	0	0
mORF_-_446760	446760	446771	-	4	12	TTG	TAA	0	0
mORF_-_446872	446872	446883	-	5	12	TTG	TGA	0	0
mORF_-_446941	446941	447351	-	5	411	GTG	TAA	0	0
mORF_-_446991	446991	446996	-	4	6	TTG	TAG	0	0
mORF_-_447012	447012	447029	-	4	18	TTG	TAA	0	0
mORF_-_447036	447036	447053	-	4	18	ATG	TGA	0	0
mORF_-_447050	447050	447082	-	6	33	GTG	TGA	0	0
mORF_-_447225	447225	447236	-	4	12	ATG	TAA	0	0
mORF_-_447270	447270	447884	-	4	615	ATG	TAA	0	0
mORF_-_447284	447284	447322	-	6	39	ATG	TGA	0	0
mORF_-_447404	447404	447514	-	6	111	TTG	TGA	0	0
mORF_-_447515	447515	447562	-	6	48	TTG	TGA	0	0
mORF_-_447572	447572	447673	-	6	102	TTG	TGA	0	0
mORF_-_447703	447703	447798	-	5	96	TTG	TAA	0	0
mORF_-_447731	447731	447754	-	6	24	TTG	TGA	0	0
mORF_-_447785	447785	447826	-	6	42	ATG	TGA	0	0

mORF_-_447874	447874	449865	-	5	1992	ATG	TGA	13	133	pORF_-_447874
mORF_-_447888	447888	447911	-	4	24	ATG	TGA	0	0	
mORF_-_447908	447908	448033	-	6	126	GTG	TGA	0	0	
mORF_-_448002	448002	448022	-	4	21	TTG	TGA	0	0	
mORF_-_448047	448047	448127	-	4	81	ATG	TGA	0	0	
mORF_-_448164	448164	448184	-	4	21	GTG	TGA	0	0	
mORF_-_448203	448203	448262	-	4	60	GTG	TAG	0	0	
mORF_-_448214	448214	448267	-	6	54	GTG	TAA	0	0	
mORF_-_448278	448278	448352	-	4	75	TTG	TGA	0	0	
mORF_-_448353	448353	448376	-	4	24	TTG	TGA	0	0	
mORF_-_448380	448380	448406	-	4	27	TTG	TGA	0	0	
mORF_-_448428	448428	448469	-	4	42	TTG	TGA	0	0	
mORF_-_448541	448541	448549	-	6	9	GTG	TAA	0	0	
mORF_-_448596	448596	448616	-	4	21	TTG	TGA	0	0	
mORF_-_448631	448631	448915	-	6	285	ATG	TAA	0	0	
mORF_-_448806	448806	448823	-	4	18	TTG	TGA	0	0	
mORF_-_448833	448833	448979	-	4	147	GTG	TAA	0	0	
mORF_-_448943	448943	449293	-	6	351	ATG	TAA	0	0	
mORF_-_449049	449049	449060	-	4	12	GTG	TGA	0	0	
mORF_-_449127	449127	449147	-	4	21	TTG	TGA	0	0	
mORF_-_449268	449268	449309	-	4	42	GTG	TAG	0	0	
mORF_-_449328	449328	449372	-	4	45	TTG	TAG	0	0	
mORF_-_449406	449406	449417	-	4	12	TTG	TGA	0	0	
mORF_-_449433	449433	449465	-	4	33	GTG	TAA	0	0	
mORF_-_449541	449541	449612	-	4	72	TTG	TGA	0	0	
mORF_-_449631	449631	449654	-	4	24	GTG	TGA	0	0	
mORF_-_449664	449664	449669	-	4	6	TTG	TGA	0	0	
mORF_-_449702	449702	449746	-	6	45	GTG	TAA	0	0	
mORF_-_449763	449763	449846	-	4	84	TTG	TGA	0	0	
mORF_-_449843	449843	449881	-	6	39	TTG	TGA	0	0	
mORF_-_449887	449887	450834	-	5	948	ATG	TAA	38	847	pORF_-_449887
mORF_-_449910	449910	449951	-	4	42	GTG	TGA	0	0	
mORF_-_450003	450003	450014	-	4	12	TTG	TAA	0	0	
mORF_-_450027	450027	450167	-	4	141	TTG	TGA	1	3	pORF_-_450027
mORF_-_450095	450095	450136	-	6	42	GTG	TGA	0	0	
mORF_-_450180	450180	450227	-	4	48	ATG	TGA	0	0	
mORF_-_450249	450249	450284	-	4	36	ATG	TGA	0	0	
mORF_-_450339	450339	450383	-	4	45	ATG	TGA	0	0	
mORF_-_450380	450380	450424	-	6	45	ATG	TGA	0	0	
mORF_-_450384	450384	450494	-	4	111	TTG	TGA	0	0	
mORF_-_450516	450516	450527	-	4	12	TTG	TGA	0	0	
mORF_-_450540	450540	450647	-	4	108	TTG	TAA	0	0	
mORF_-_450654	450654	450677	-	4	24	TTG	TGA	0	0	
mORF_-_450684	450684	450692	-	4	9	TTG	TGA	0	0	
mORF_-_450705	450705	450728	-	4	24	TTG	TGA	0	0	
mORF_-_450744	450744	450788	-	4	45	TTG	TAG	0	0	
mORF_-_450758	450758	450802	-	6	45	ATG	TAA	0	0	
mORF_-_450812	450812	450853	-	6	42	GTG	TAA	0	0	
mORF_-_450844	450844	450885	-	5	42	ATG	TGA	0	0	
mORF_-_450898	450898	451086	-	5	189	TTG	TAA	0	0	
mORF_-_450929	450929	450970	-	6	42	ATG	TAA	0	0	
mORF_-_450951	450951	450965	-	4	15	TTG	TGA	0	0	
mORF_-_451007	451007	451075	-	6	69	TTG	TAA	0	0	
mORF_-_451080	451080	451097	-	4	18	ATG	TAA	0	0	
mORF_-_451097	451097	451189	-	6	93	TTG	TAA	0	0	
mORF_-_451135	451135	451203	-	5	69	GTG	TAA	0	0	
mORF_-_451164	451164	451205	-	4	42	TTG	TAA	0	0	
mORF_-_451193	451193	451213	-	6	21	TTG	TAG	0	0	
mORF_-_451241	451241	451483	-	6	243	GTG	TAA	0	0	
mORF_-_451294	451294	452769	-	5	1476	ATG	TAA	1	3	pORF_-_451294
mORF_-_451299	451299	451343	-	4	45	TTG	TGA	0	0	
mORF_-_451431	451431	451535	-	4	105	ATG	TGA	0	0	
mORF_-_451536	451536	451670	-	4	135	ATG	TAA	0	0	

mORF_-_451550	451550	451567	-	6	18	TTG	TGA	0	0	
mORF_-_451640	451640	451651	-	6	12	TTG	TGA	0	0	
mORF_-_451680	451680	451709	-	4	30	TTG	TAG	0	0	
mORF_-_451733	451733	451738	-	6	6	ATG	TAA	0	0	
mORF_-_451746	451746	451871	-	4	126	GTG	TAA	0	0	
mORF_-_451923	451923	451952	-	4	30	TTG	TGA	0	0	
mORF_-_451959	451959	451970	-	4	12	TTG	TAG	0	0	
mORF_-_451989	451989	452006	-	4	18	TTG	TAG	0	0	
mORF_-_452043	452043	452192	-	4	150	TTG	TGA	0	0	
mORF_-_452102	452102	452263	-	6	162	ATG	TAA	0	0	
mORF_-_452264	452264	452524	-	6	261	TTG	TAA	0	0	
mORF_-_452307	452307	452384	-	4	78	ATG	TAG	0	0	
mORF_-_452421	452421	452486	-	4	66	TTG	TGA	0	0	
mORF_-_452493	452493	452540	-	4	48	TTG	TAG	0	0	
mORF_-_452585	452585	452794	-	6	210	GTG	TAA	0	0	
mORF_-_452604	452604	452624	-	4	21	TTG	TAG	0	0	
mORF_-_452679	452679	452705	-	4	27	TTG	TGA	0	0	
mORF_-_452813	452813	453550	-	6	738	TTG	TAA	22	320	pORF_-_452813
mORF_-_452881	452881	452955	-	5	75	GTG	TGA	0	0	
mORF_-_452968	452968	453120	-	5	153	GTG	TGA	0	0	
mORF_-_453181	453181	453249	-	5	69	ATG	TGA	0	0	
mORF_-_453271	453271	453363	-	5	93	TTG	TGA	0	0	
mORF_-_453315	453315	453341	-	4	27	ATG	TGA	0	0	
mORF_-_453412	453412	453480	-	5	69	ATG	TAA	0	0	
mORF_-_453441	453441	453572	-	4	132	ATG	TGA	0	0	
mORF_-_453490	453490	453528	-	5	39	GTG	TGA	0	0	
mORF_-_453569	453569	453625	-	6	57	TTG	TGA	0	0	
mORF_-_453601	453601	453669	-	5	69	ATG	TAG	0	0	
mORF_-_453671	453671	453697	-	6	27	ATG	TGA	0	0	
mORF_-_453726	453726	453866	-	4	141	ATG	TAA	0	0	
mORF_-_453779	453779	453784	-	6	6	TTG	TGA	0	0	
mORF_-_453885	453885	453929	-	4	45	ATG	TAA	0	0	
mORF_-_453932	453932	454123	-	6	192	ATG	TAA	0	0	
mORF_-_453940	453940	454362	-	5	423	TTG	TAA	0	0	
mORF_-_454188	454188	454379	-	4	192	GTG	TGA	0	0	
mORF_-_454268	454268	454279	-	6	12	ATG	TAA	0	0	
mORF_-_454366	454366	455667	-	5	1302	ATG	TGA	0	0	
mORF_-_454380	454380	454499	-	4	120	TTG	TGA	0	0	
mORF_-_454454	454454	454507	-	6	54	TTG	TGA	0	0	
mORF_-_454527	454527	454610	-	4	84	TTG	TAA	0	0	
mORF_-_454607	454607	454624	-	6	18	GTG	TGA	0	0	
mORF_-_454629	454629	454667	-	4	39	GTG	TAA	0	0	
mORF_-_454689	454689	455201	-	4	513	ATG	TAA	0	0	
mORF_-_455220	455220	455429	-	4	210	TTG	TGA	0	0	
mORF_-_455246	455246	455314	-	6	69	GTG	TAG	0	0	
mORF_-_455517	455517	455726	-	4	210	ATG	TAG	0	0	
mORF_-_455657	455657	455698	-	6	42	GTG	TAA	0	0	
mORF_-_455674	455674	455685	-	5	12	GTG	TAG	0	0	
mORF_-_455723	455723	455962	-	6	240	ATG	TGA	0	0	
mORF_-_455766	455766	455849	-	4	84	ATG	TAA	0	0	
mORF_-_455854	455854	455859	-	5	6	TTG	TAA	0	0	
mORF_-_455884	455884	455934	-	5	51	GTG	TAA	0	0	
mORF_-_455904	455904	455939	-	4	36	ATG	TGA	0	0	
mORF_-_455959	455959	455976	-	5	18	GTG	TGA	0	0	
mORF_-_455999	455999	456058	-	6	60	ATG	TAG	0	0	
mORF_-_456009	456009	456419	-	4	411	TTG	TAG	0	0	
mORF_-_456119	456119	456154	-	6	36	GTG	TAG	0	0	
mORF_-_456170	456170	456211	-	6	42	ATG	TAG	0	0	
mORF_-_456202	456202	456264	-	5	63	TTG	TGA	0	0	
mORF_-_456353	456353	456388	-	6	36	ATG	TGA	0	0	
mORF_-_456397	456397	456423	-	5	27	ATG	TAA	0	0	
mORF_-_456416	456416	456625	-	6	210	TTG	TGA	0	0	
mORF_-_456423	456423	456746	-	4	324	ATG	TAA	0	0	

mORF_-_456553	456553	456864	-	5	312	TTG	TAA	0	0	
mORF_-_456674	456674	456718	-	6	45	ATG	TGA	0	0	
mORF_-_456776	456776	456823	-	6	48	ATG	TAA	0	0	
mORF_-_456804	456804	456818	-	4	15	GTG	TAA	0	0	
mORF_-_456839	456839	456934	-	6	96	ATG	TAG	0	0	
mORF_-_456877	456877	456930	-	5	54	TTG	TAA	0	0	
mORF_-_456934	456934	457074	-	5	141	ATG	TAA	0	0	
mORF_-_457086	457086	457091	-	4	6	GTG	TAG	0	0	
mORF_-_457105	457105	457134	-	5	30	ATG	TAA	0	0	
mORF_-_457131	457131	457178	-	4	48	GTG	TGA	0	0	
mORF_-_457192	457192	457539	-	5	348	TTG	TAG	0	0	
mORF_-_457226	457226	457906	-	6	681	TTG	TGA	0	0	
mORF_-_457242	457242	457319	-	4	78	GTG	TAA	0	0	
mORF_-_457383	457383	457493	-	4	111	TTG	TAA	0	0	
mORF_-_457560	457560	457586	-	4	27	TTG	TAA	0	0	
mORF_-_457618	457618	457653	-	5	36	TTG	TGA	0	0	
mORF_-_457660	457660	457818	-	5	159	ATG	TGA	0	0	
mORF_-_457725	457725	457787	-	4	63	GTG	TAG	0	0	
mORF_-_457839	457839	457913	-	4	75	ATG	TAA	0	0	
mORF_-_457864	457864	457872	-	5	9	TTG	TGA	0	0	
mORF_-_457885	457885	457938	-	5	54	ATG	TAA	0	0	
mORF_-_457925	457925	457942	-	6	18	TTG	TAA	0	0	
mORF_-_457943	457943	457954	-	6	12	TTG	TAA	0	0	
mORF_-_457967	457967	458026	-	6	60	ATG	TAA	0	0	
mORF_-_457990	457990	458073	-	5	84	ATG	TAG	0	0	
mORF_-_458042	458042	458062	-	6	21	GTG	TAA	0	0	
mORF_-_458078	458078	458137	-	6	60	ATG	TAA	0	0	
mORF_-_458097	458097	458183	-	4	87	GTG	TAG	0	0	
mORF_-_458174	458174	458476	-	6	303	ATG	TAA	0	0	
mORF_-_458196	458196	458249	-	4	54	ATG	TAA	0	0	
mORF_-_458260	458260	458289	-	5	30	TTG	TAA	0	0	
mORF_-_458374	458374	458514	-	5	141	TTG	TGA	0	0	
mORF_-_458394	458394	459626	-	4	1233	GTG	TAA	0	0	
mORF_-_458531	458531	458755	-	6	225	TTG	TAG	1	2	pORF_-_458531
mORF_-_458536	458536	458625	-	5	90	GTG	TGA	0	0	
mORF_-_458677	458677	458706	-	5	30	TTG	TAA	0	0	
mORF_-_458818	458818	458913	-	5	96	TTG	TAG	0	0	
mORF_-_458822	458822	458881	-	6	60	TTG	TGA	0	0	
mORF_-_458990	458990	459040	-	6	51	TTG	TAA	0	0	
mORF_-_459131	459131	459154	-	6	24	TTG	TGA	0	0	
mORF_-_459209	459209	459229	-	6	21	GTG	TGA	0	0	
mORF_-_459302	459302	459406	-	6	105	ATG	TAA	0	0	
mORF_-_459313	459313	459429	-	5	117	GTG	TAG	0	0	
mORF_-_459491	459491	459541	-	6	51	ATG	TAA	0	0	
mORF_-_459499	459499	459657	-	5	159	GTG	TGA	0	0	
mORF_-_459587	459587	459619	-	6	33	TTG	TAA	0	0	
mORF_-_459623	459623	459703	-	6	81	ATG	TGA	0	0	
mORF_-_459713	459713	459772	-	6	60	TTG	TAG	0	0	
mORF_-_459778	459778	459804	-	5	27	ATG	TAA	0	0	
mORF_-_459804	459804	459839	-	4	36	ATG	TAA	0	0	
mORF_-_459820	459820	459960	-	5	141	ATG	TAA	0	0	
mORF_-_459899	459899	459979	-	6	81	TTG	TGA	0	0	
mORF_-_459986	459986	460024	-	6	39	ATG	TAG	0	0	
mORF_-_460025	460025	460075	-	6	51	TTG	TGA	0	0	
mORF_-_460035	460035	460292	-	4	258	ATG	TAA	0	0	
mORF_-_460085	460085	460234	-	6	150	GTG	TAA	0	0	
mORF_-_460159	460159	460218	-	5	60	TTG	TAG	0	0	
mORF_-_460244	460244	460381	-	6	138	ATG	TGA	0	0	
mORF_-_460303	460303	460479	-	5	177	TTG	TAA	0	0	
mORF_-_460314	460314	460427	-	4	114	TTG	TAG	0	0	
mORF_-_460382	460382	460486	-	6	105	GTG	TGA	0	0	
mORF_-_460574	460574	460642	-	6	69	TTG	TAA	0	0	
mORF_-_460639	460639	460689	-	5	51	TTG	TGA	0	0	

mORF_-_460686	460686	460886	-	4	201	ATG	TGA	0	0	
mORF_-_460757	460757	460804	-	6	48	GTG	TAA	0	0	
mORF_-_460895	460895	461068	-	6	174	GTG	TAG	0	0	
mORF_-_460978	460978	460989	-	5	12	ATG	TGA	0	0	
mORF_-_461007	461007	461087	-	4	81	ATG	TAA	0	0	
mORF_-_461065	461065	461115	-	5	51	ATG	TGA	0	0	
mORF_-_461116	461116	461166	-	5	51	TTG	TAG	0	0	
mORF_-_461132	461132	461215	-	6	84	ATG	TAA	0	0	
mORF_-_461151	461151	461924	-	4	774	TTG	TAA	0	0	
mORF_-_461212	461212	461268	-	5	57	TTG	TGA	0	0	
mORF_-_461234	461234	461254	-	6	21	TTG	TAA	0	0	
mORF_-_461258	461258	461335	-	6	78	ATG	TAG	0	0	
mORF_-_461314	461314	461454	-	5	141	GTG	TGA	1	3	pORF_-_461314
mORF_-_461444	461444	461533	-	6	90	TTG	TGA	0	0	
mORF_-_461549	461549	461566	-	6	18	TTG	TAG	0	0	
mORF_-_461588	461588	461620	-	6	33	GTG	TGA	0	0	
mORF_-_461659	461659	461694	-	5	36	GTG	TAA	0	0	
mORF_-_461789	461789	461815	-	6	27	ATG	TAG	0	0	
mORF_-_461840	461840	461848	-	6	9	TTG	TAA	0	0	
mORF_-_461845	461845	461862	-	5	18	TTG	TGA	0	0	
mORF_-_461921	461921	461929	-	6	9	GTG	TGA	0	0	
mORF_-_461948	461948	462205	-	6	258	ATG	TAG	0	0	
mORF_-_461956	461956	462030	-	5	75	ATG	TGA	0	0	
mORF_-_462090	462090	462149	-	4	60	TTG	TAA	0	0	
mORF_-_462163	462163	462324	-	5	162	TTG	TGA	0	0	
mORF_-_462206	462206	462250	-	6	45	ATG	TGA	0	0	
mORF_-_462228	462228	462629	-	4	402	TTG	TAA	0	0	
mORF_-_462290	462290	462379	-	6	90	GTG	TAG	0	0	
mORF_-_462380	462380	462553	-	6	174	TTG	TGA	0	0	
mORF_-_462505	462505	462528	-	5	24	ATG	TGA	0	0	
mORF_-_462595	462595	462603	-	5	9	ATG	TAA	0	0	
mORF_-_462608	462608	462799	-	6	192	TTG	TGA	0	0	
mORF_-_462732	462732	462869	-	4	138	TTG	TAA	0	0	
mORF_-_462757	462757	462876	-	5	120	TTG	TAA	0	0	
mORF_-_462873	462873	463295	-	4	423	TTG	TGA	0	0	
mORF_-_462887	462887	462982	-	6	96	TTG	TGA	0	0	
mORF_-_462913	462913	462930	-	5	18	GTG	TGA	0	0	
mORF_-_462979	462979	463098	-	5	120	ATG	TGA	0	0	
mORF_-_463121	463121	463189	-	6	69	ATG	TAA	0	0	
mORF_-_463174	463174	463182	-	5	9	GTG	TAA	0	0	
mORF_-_463189	463189	463293	-	5	105	GTG	TAA	0	0	
mORF_-_463220	463220	463351	-	6	132	ATG	TGA	0	0	
mORF_-_463427	463427	463576	-	6	150	ATG	TAA	0	0	
mORF_-_463450	463450	463551	-	5	102	TTG	TAA	0	0	
mORF_-_463533	463533	463766	-	4	234	ATG	TAA	0	0	
mORF_-_463597	463597	463608	-	5	12	TTG	TAA	0	0	
mORF_-_463616	463616	463642	-	6	27	TTG	TAA	0	0	
mORF_-_463624	463624	463635	-	5	12	GTG	TAG	0	0	
mORF_-_463667	463667	463684	-	6	18	TTG	TAA	0	0	
mORF_-_463748	463748	463795	-	6	48	TTG	TGA	0	0	
mORF_-_463833	463833	463859	-	4	27	TTG	TAA	0	0	
mORF_-_463847	463847	464056	-	6	210	ATG	TGA	0	0	
mORF_-_463894	463894	463899	-	5	6	GTG	TAA	0	0	
mORF_-_463957	463957	463974	-	5	18	ATG	TAA	0	0	
mORF_-_464017	464017	464049	-	5	33	TTG	TAA	0	0	
mORF_-_464046	464046	464066	-	4	21	GTG	TGA	0	0	
mORF_-_464076	464076	464771	-	4	696	ATG	TAA	12	68	pORF_-_464076
mORF_-_464141	464141	464173	-	6	33	GTG	TGA	0	0	
mORF_-_464161	464161	464184	-	5	24	TTG	TAA	0	0	
mORF_-_464231	464231	464284	-	6	54	TTG	TAG	0	0	
mORF_-_464281	464281	464289	-	5	9	GTG	TGA	0	0	
mORF_-_464291	464291	464341	-	6	51	ATG	TGA	0	0	
mORF_-_464354	464354	464365	-	6	12	ATG	TGA	0	0	

mORF_-_464362	464362	464373	-	5	12	TTG	TGA	0	0	
mORF_-_464429	464429	464443	-	6	15	ATG	TAA	0	0	
mORF_-_464459	464459	464545	-	6	87	GTG	TGA	0	0	
mORF_-_464549	464549	464587	-	6	39	ATG	TGA	0	0	
mORF_-_464596	464596	464685	-	5	90	TTG	TAA	0	0	
mORF_-_464678	464678	464764	-	6	87	GTG	TGA	0	0	
mORF_-_464768	464768	464839	-	6	72	ATG	TGA	0	0	
mORF_-_464832	464832	464876	-	4	45	TTG	TAG	0	0	
mORF_-_464836	464836	466551	-	5	1716	TTG	TGA	1	2	pORF_-_464836
mORF_-_464892	464892	464903	-	4	12	GTG	TGA	0	0	
mORF_-_464907	464907	464924	-	4	18	GTG	TGA	0	0	
mORF_-_464955	464955	464966	-	4	12	ATG	TGA	0	0	
mORF_-_464994	464994	465020	-	4	27	ATG	TGA	0	0	
mORF_-_465020	465020	465115	-	6	96	ATG	TGA	0	0	
mORF_-_465027	465027	465146	-	4	120	TTG	TAA	0	0	
mORF_-_465162	465162	465236	-	4	75	GTG	TGA	0	0	
mORF_-_465312	465312	465383	-	4	72	ATG	TGA	0	0	
mORF_-_465335	465335	465511	-	6	177	TTG	TGA	0	0	
mORF_-_465530	465530	465598	-	6	69	TTG	TAG	0	0	
mORF_-_465633	465633	465686	-	4	54	ATG	TAA	0	0	
mORF_-_465683	465683	465781	-	6	99	TTG	TGA	0	0	
mORF_-_465747	465747	465803	-	4	57	TTG	TGA	0	0	
mORF_-_465812	465812	465841	-	6	30	GTG	TGA	0	0	
mORF_-_465834	465834	465860	-	4	27	TTG	TGA	0	0	
mORF_-_465942	465942	465950	-	4	9	ATG	TAA	0	0	
mORF_-_466029	466029	466040	-	4	12	TTG	TAG	0	0	
mORF_-_466058	466058	466192	-	6	135	ATG	TAA	0	0	
mORF_-_466071	466071	466262	-	4	192	ATG	TGA	0	0	
mORF_-_466229	466229	466498	-	6	270	GTG	TGA	0	0	
mORF_-_466296	466296	466421	-	4	126	ATG	TGA	0	0	
mORF_-_466558	466558	466620	-	5	63	GTG	TAA	0	0	
mORF_-_466587	466587	466601	-	4	15	TTG	TGA	0	0	
mORF_-_466598	466598	466654	-	6	57	ATG	TGA	0	0	
mORF_-_466617	466617	466670	-	4	54	GTG	TGA	0	0	
mORF_-_466672	466672	466692	-	5	21	ATG	TAA	0	0	
mORF_-_466689	466689	466760	-	4	72	GTG	TGA	0	0	
mORF_-_466693	466693	466788	-	5	96	ATG	TAA	0	0	
mORF_-_466767	466767	466832	-	4	66	TTG	TGA	0	0	
mORF_-_466801	466801	466848	-	5	48	ATG	TAG	0	0	
mORF_-_466867	466867	466872	-	5	6	ATG	TAA	0	0	
mORF_-_466882	466882	467091	-	5	210	GTG	TAA	0	0	
mORF_-_466914	466914	466952	-	4	39	TTG	TGA	0	0	
mORF_-_466967	466967	467002	-	6	36	ATG	TAA	0	0	
mORF_-_467025	467025	467069	-	4	45	TTG	TGA	0	0	
mORF_-_467039	467039	467053	-	6	15	GTG	TGA	0	0	
mORF_-_467088	467088	467327	-	4	240	TTG	TGA	0	0	
mORF_-_467099	467099	467212	-	6	114	ATG	TAA	0	0	
mORF_-_467131	467131	467232	-	5	102	ATG	TAA	0	0	
mORF_-_467293	467293	467361	-	5	69	ATG	TAA	0	0	
mORF_-_467318	467318	467758	-	6	441	TTG	TAA	0	0	
mORF_-_467362	467362	467433	-	5	72	ATG	TAA	0	0	
mORF_-_467434	467434	467511	-	5	78	ATG	TAG	0	0	
mORF_-_467508	467508	467537	-	4	30	GTG	TGA	0	0	
mORF_-_467605	467605	467676	-	5	72	GTG	TAG	0	0	
mORF_-_467640	467640	467831	-	4	192	GTG	TAA	0	0	
mORF_-_467689	467689	467700	-	5	12	TTG	TAA	0	0	
mORF_-_467828	467828	467902	-	6	75	ATG	TGA	0	0	
mORF_-_467918	467918	467947	-	6	30	ATG	TAA	0	0	
mORF_-_467966	467966	468091	-	6	126	TTG	TAA	0	0	
mORF_-_468081	468081	468089	-	4	9	GTG	TGA	0	0	
mORF_-_468101	468101	468112	-	6	12	TTG	TAA	0	0	
mORF_-_468113	468113	468355	-	6	243	TTG	TAA	0	0	
mORF_-_468145	468145	468282	-	5	138	ATG	TAG	0	0	

mORF_-_468174	468174	468203	-	4	30	TTG	TAA	0	0
mORF_-_468392	468392	468427	-	6	36	ATG	TAG	0	0
mORF_-_468424	468424	468837	-	5	414	ATG	TGA	0	0
mORF_-_468441	468441	468518	-	4	78	GTG	TGA	0	0
mORF_-_468515	468515	468559	-	6	45	TTG	TGA	0	0
mORF_-_468578	468578	468643	-	6	66	ATG	TAA	0	0
mORF_-_468651	468651	468662	-	4	12	GTG	TAA	0	0
mORF_-_468838	468838	468993	-	5	156	ATG	TAG	0	0
mORF_-_468933	468933	468980	-	4	48	ATG	TAA	0	0
mORF_-_468944	468944	469282	-	6	339	ATG	TAA	0	0
mORF_-_469111	469111	469161	-	5	51	TTG	TGA	0	0
mORF_-_469180	469180	469239	-	5	60	ATG	TGA	0	0
mORF_-_469279	469279	469407	-	5	129	GTG	TGA	0	0
mORF_-_469301	469301	469426	-	6	126	ATG	TAA	0	0
mORF_-_469338	469338	469352	-	4	15	ATG	TAA	0	0
mORF_-_469436	469436	469450	-	6	15	ATG	TAA	0	0
mORF_-_469466	469466	469525	-	6	60	TTG	TAG	0	0
mORF_-_469477	469477	469614	-	5	138	GTG	TAA	0	0
mORF_-_469556	469556	469894	-	6	339	TTG	TAA	0	0
mORF_-_469642	469642	469752	-	5	111	TTG	TGA	0	0
mORF_-_469671	469671	469694	-	4	24	GTG	TGA	0	0
mORF_-_469713	469713	469877	-	4	165	TTG	TAA	0	0
mORF_-_469902	469902	470084	-	4	183	TTG	TAA	0	0
mORF_-_470000	470000	470014	-	6	15	TTG	TAG	0	0
mORF_-_470100	470100	470153	-	4	54	TTG	TAG	0	0
mORF_-_470105	470105	470254	-	6	150	GTG	TAA	0	0
mORF_-_470125	470125	470196	-	5	72	ATG	TAA	0	0
mORF_-_470196	470196	470216	-	4	21	TTG	TAA	0	0
mORF_-_470278	470278	470292	-	5	15	TTG	TAA	0	0
mORF_-_470341	470341	470364	-	5	24	GTG	TGA	0	0
mORF_-_470420	470420	470428	-	6	9	GTG	TAA	0	0
mORF_-_470453	470453	470500	-	6	48	ATG	TAG	0	0
mORF_-_470506	470506	470640	-	5	135	ATG	TAA	0	0
mORF_-_470565	470565	470588	-	4	24	TTG	TGA	0	0
mORF_-_470570	470570	470695	-	6	126	ATG	TAG	0	0
mORF_-_470726	470726	470881	-	6	156	ATG	TAG	0	0
mORF_-_470740	470740	470901	-	5	162	ATG	TAA	0	0
mORF_-_470751	470751	470843	-	4	93	TTG	TAA	0	0
mORF_-_470906	470906	471004	-	6	99	GTG	TAA	0	0
mORF_-_470928	470928	470984	-	4	57	ATG	TAG	0	0
mORF_-_470938	470938	471630	-	5	693	ATG	TAA	0	0
mORF_-_471081	471081	471221	-	4	141	TTG	TAG	0	0
mORF_-_471086	471086	471244	-	6	159	ATG	TGA	0	0
mORF_-_471257	471257	471379	-	6	123	ATG	TAA	0	0
mORF_-_471291	471291	471458	-	4	168	GTG	TGA	0	0
mORF_-_471404	471404	471439	-	6	36	GTG	TGA	0	0
mORF_-_471455	471455	471490	-	6	36	ATG	TGA	0	0
mORF_-_471462	471462	471584	-	4	123	TTG	TAA	0	0
mORF_-_471500	471500	471529	-	6	30	GTG	TGA	0	0
mORF_-_471575	471575	471682	-	6	108	GTG	TGA	0	0
mORF_-_471627	471627	471695	-	4	69	ATG	TGA	0	0
mORF_-_471655	471655	471795	-	5	141	ATG	TGA	0	0
mORF_-_471692	471692	471889	-	6	198	ATG	TGA	0	0
mORF_-_471747	471747	471770	-	4	24	TTG	TGA	0	0
mORF_-_471844	471844	471852	-	5	9	ATG	TGA	0	0
mORF_-_471879	471879	472259	-	4	381	GTG	TAA	0	0
mORF_-_471896	471896	471913	-	6	18	GTG	TGA	0	0
mORF_-_471935	471935	471982	-	6	48	TTG	TGA	0	0
mORF_-_471979	471979	471993	-	5	15	TTG	TGA	0	0
mORF_-_472064	472064	472177	-	6	114	TTG	TAA	0	0
mORF_-_472117	472117	472284	-	5	168	TTG	TGA	0	0
mORF_-_472223	472223	472555	-	6	333	GTG	TGA	0	0
mORF_-_472326	472326	472415	-	4	90	GTG	TAG	0	0

mORF_-_472348	472348	472371	-	5	24	TTG	TAA	0	0	
mORF_-_472444	472444	472539	-	5	96	ATG	TAA	0	0	
mORF_-_472564	472564	472584	-	5	21	ATG	TGA	0	0	
mORF_-_472631	472631	472843	-	6	213	GTG	TGA	0	0	
mORF_-_472672	472672	472677	-	5	6	ATG	TAA	0	0	
mORF_-_472720	472720	472875	-	5	156	ATG	TGA	0	0	
mORF_-_472761	472761	472772	-	4	12	TTG	TAA	0	0	
mORF_-_472879	472879	472920	-	5	42	GTG	TAG	0	0	
mORF_-_472899	472899	473027	-	4	129	GTG	TAA	0	0	
mORF_-_473024	473024	473488	-	6	465	TTG	TGA	0	0	
mORF_-_473086	473086	473238	-	5	153	ATG	TAG	0	0	
mORF_-_473305	473305	473337	-	5	33	ATG	TGA	0	0	
mORF_-_473337	473337	473366	-	4	30	ATG	TAA	0	0	
mORF_-_473374	473374	473445	-	5	72	TTG	TAG	0	0	
mORF_-_473442	473442	473510	-	4	69	GTG	TGA	0	0	
mORF_-_473525	473525	474403	-	6	879	TTG	TAA	13	30	pORF_-_473525
mORF_-_473542	473542	473661	-	5	120	ATG	TGA	0	0	
mORF_-_473643	473643	473657	-	4	15	ATG	TAG	0	0	
mORF_-_473662	473662	473709	-	5	48	TTG	TGA	0	0	
mORF_-_473667	473667	473687	-	4	21	GTG	TAA	0	0	
mORF_-_473755	473755	473832	-	5	78	ATG	TAG	0	0	
mORF_-_473826	473826	473846	-	4	21	GTG	TAG	0	0	
mORF_-_473941	473941	474003	-	5	63	ATG	TGA	0	0	
mORF_-_474073	474073	474282	-	5	210	TTG	TGA	0	0	
mORF_-_474298	474298	474336	-	5	39	TTG	TAG	0	0	
mORF_-_474333	474333	474443	-	4	111	TTG	TGA	0	0	
mORF_-_474382	474382	474417	-	5	36	TTG	TGA	0	0	
mORF_-_474449	474449	474469	-	6	21	TTG	TAG	0	0	
mORF_-_474486	474486	474521	-	4	36	GTG	TAG	0	0	
mORF_-_474490	474490	474702	-	5	213	TTG	TAA	0	0	
mORF_-_474542	474542	474619	-	6	78	ATG	TAA	0	0	
mORF_-_474567	474567	474617	-	4	51	GTG	TAA	0	0	
mORF_-_474709	474709	474723	-	5	15	GTG	TAG	0	0	
mORF_-_474714	474714	474743	-	4	30	TTG	TGA	0	0	
mORF_-_474733	474733	474897	-	5	165	ATG	TAG	0	0	
mORF_-_474898	474898	474915	-	5	18	ATG	TGA	0	0	
mORF_-_474912	474912	475067	-	4	156	TTG	TGA	0	0	
mORF_-_474932	474932	474997	-	6	66	GTG	TGA	0	0	
mORF_-_475007	475007	475021	-	6	15	TTG	TGA	0	0	
mORF_-_475033	475033	475101	-	5	69	TTG	TAG	0	0	
mORF_-_475105	475105	475128	-	5	24	TTG	TAG	0	0	
mORF_-_475122	475122	475169	-	4	48	TTG	TGA	0	0	
mORF_-_475206	475206	475616	-	4	411	TTG	TAA	0	0	
mORF_-_475259	475259	475264	-	6	6	GTG	TGA	0	0	
mORF_-_475379	475379	475546	-	6	168	ATG	TAA	0	0	
mORF_-_475540	475540	475602	-	5	63	GTG	TGA	0	0	
mORF_-_475617	475617	475670	-	4	54	TTG	TAA	0	0	
mORF_-_475667	475667	475783	-	6	117	GTG	TGA	0	0	
mORF_-_475708	475708	475824	-	5	117	ATG	TAA	0	0	
mORF_-_475716	475716	475811	-	4	96	TTG	TGA	0	0	
mORF_-_475808	475808	475855	-	6	48	TTG	TGA	0	0	
mORF_-_475827	475827	475841	-	4	15	GTG	TAG	0	0	
mORF_-_475949	475949	476044	-	6	96	TTG	TAG	0	0	
mORF_-_475966	475966	475980	-	5	15	ATG	TAG	0	0	
mORF_-_476098	476098	476121	-	5	24	TTG	TAA	0	0	
mORF_-_476118	476118	476147	-	4	30	TTG	TGA	0	0	
mORF_-_476140	476140	476235	-	5	96	TTG	TAG	0	0	
mORF_-_476144	476144	476206	-	6	63	TTG	TGA	0	0	
mORF_-_476216	476216	476239	-	6	24	ATG	TAG	0	0	
mORF_-_476232	476232	476390	-	4	159	GTG	TGA	0	0	
mORF_-_476278	476278	476376	-	5	99	ATG	TGA	0	0	
mORF_-_476291	476291	477847	-	6	1557	ATG	TGA	1	2	pORF_-_476291
mORF_-_476437	476437	476496	-	5	60	TTG	TGA	0	0	

mORF_-_476515	476515	476529	-	5	15	ATG	TGA	0	0	
mORF_-_476548	476548	476592	-	5	45	ATG	TAA	0	0	
mORF_-_476617	476617	476667	-	5	51	TTG	TAA	0	0	
mORF_-_476704	476704	476814	-	5	111	TTG	TGA	0	0	
mORF_-_476839	476839	476955	-	5	117	ATG	TGA	0	0	
mORF_-_476883	476883	476900	-	4	18	TTG	TAG	0	0	
mORF_-_476934	476934	476990	-	4	57	TTG	TGA	0	0	
mORF_-_476959	476959	477084	-	5	126	TTG	TAG	0	0	
mORF_-_476994	476994	477158	-	4	165	ATG	TGA	0	0	
mORF_-_477175	477175	477276	-	5	102	ATG	TGA	0	0	
mORF_-_477286	477286	477357	-	5	72	TTG	TAA	0	0	
mORF_-_477324	477324	477335	-	4	12	ATG	TGA	0	0	
mORF_-_477376	477376	477387	-	5	12	ATG	TGA	0	0	
mORF_-_477445	477445	477729	-	5	285	TTG	TAA	0	0	
mORF_-_477510	477510	477530	-	4	21	GTG	TGA	0	0	
mORF_-_477618	477618	477638	-	4	21	ATG	TAG	0	0	
mORF_-_477838	477838	477861	-	5	24	GTG	TGA	0	0	
mORF_-_477855	477855	477962	-	4	108	ATG	TAA	0	0	
mORF_-_477959	477959	478060	-	6	102	GTG	TGA	0	0	
mORF_-_478005	478005	478514	-	4	510	GTG	TAA	0	0	
mORF_-_478073	478073	478111	-	6	39	GTG	TGA	0	0	
mORF_-_478121	478121	478276	-	6	156	TTG	TGA	0	0	
mORF_-_478132	478132	478170	-	5	39	ATG	TGA	0	0	
mORF_-_478177	478177	478185	-	5	9	TTG	TAA	0	0	
mORF_-_478319	478319	478345	-	6	27	TTG	TGA	0	0	
mORF_-_478430	478430	478441	-	6	12	TTG	TGA	0	0	
mORF_-_478472	478472	478561	-	6	90	GTG	TGA	0	0	
mORF_-_478521	478521	478571	-	4	51	ATG	TAA	0	0	
mORF_-_478555	478555	478563	-	5	9	TTG	TAG	0	0	
mORF_-_478591	478591	479142	-	5	552	ATG	TAA	3	11	pORF_-_478591
mORF_-_478605	478605	478667	-	4	63	GTG	TAA	0	0	
mORF_-_478674	478674	478694	-	4	21	TTG	TAG	0	0	
mORF_-_478698	478698	478775	-	4	78	GTG	TGA	0	0	
mORF_-_478788	478788	478877	-	4	90	TTG	TAG	0	0	
mORF_-_478874	478874	478888	-	6	15	TTG	TGA	0	0	
mORF_-_478881	478881	478958	-	4	78	TTG	TGA	0	0	
mORF_-_478971	478971	479117	-	4	147	TTG	TGA	0	0	
mORF_-_479108	479108	479212	-	6	105	ATG	TGA	0	0	
mORF_-_479212	479212	479235	-	5	24	GTG	TAA	0	0	
mORF_-_479232	479232	479252	-	4	21	ATG	TGA	0	0	
mORF_-_479288	479288	479332	-	6	45	ATG	TAA	0	0	
mORF_-_479314	479314	479778	-	5	465	TTG	TAA	1	2	pORF_-_479314
mORF_-_479370	479370	479471	-	4	102	TTG	TGA	0	0	
mORF_-_479468	479468	479482	-	6	15	TTG	TGA	0	0	
mORF_-_479541	479541	479606	-	4	66	TTG	TAG	0	0	
mORF_-_479558	479558	479932	-	6	375	ATG	TAG	0	0	
mORF_-_479619	479619	479636	-	4	18	ATG	TAA	0	0	
mORF_-_479779	479779	479787	-	5	9	ATG	TGA	0	0	
mORF_-_479821	479821	479928	-	5	108	ATG	TAA	0	0	
mORF_-_479925	479925	479969	-	4	45	GTG	TGA	0	0	
mORF_-_479989	479989	480054	-	5	66	ATG	TAA	0	0	
mORF_-_480023	480023	480037	-	6	15	GTG	TAA	0	0	
mORF_-_480051	480051	480059	-	4	9	ATG	TGA	0	0	
mORF_-_480072	480072	480077	-	4	6	TTG	TAA	0	0	
mORF_-_480078	480078	480104	-	4	27	GTG	TAA	0	0	
mORF_-_480101	480101	480112	-	6	12	ATG	TGA	0	0	
mORF_-_480109	480109	480120	-	5	12	GTG	TGA	0	0	
mORF_-_480120	480120	480161	-	4	42	ATG	TAG	0	0	
mORF_-_480158	480158	480199	-	6	42	GTG	TGA	0	0	
mORF_-_480253	480253	480261	-	5	9	TTG	TAA	0	0	
mORF_-_480316	480316	480336	-	5	21	TTG	TAA	0	0	
mORF_-_480366	480366	480407	-	4	42	TTG	TAA	0	0	
mORF_-_480404	480404	480436	-	6	33	ATG	TGA	0	0	

mORF_-_480449	480449	480481	-	6	33	TTG	TAA	0	0	
mORF_-_480459	480459	480551	-	4	93	TTG	TAA	0	0	
mORF_-_480466	480466	480471	-	5	6	GTG	TAA	0	0	
mORF_-_480478	480478	483627	-	5	3150	ATG	TGA	43	104	pORF_-_480478
mORF_-_480606	480606	480611	-	4	6	GTG	TAA	0	0	
mORF_-_480618	480618	480647	-	4	30	GTG	TAG	0	0	
mORF_-_480699	480699	480746	-	4	48	TTG	TGA	0	0	
mORF_-_480771	480771	480824	-	4	54	TTG	TGA	0	0	
mORF_-_480840	480840	480860	-	4	21	ATG	TAG	0	0	
mORF_-_480857	480857	480970	-	6	114	GTG	TGA	0	0	
mORF_-_480864	480864	480983	-	4	120	TTG	TGA	0	0	
mORF_-_480984	480984	481067	-	4	84	GTG	TGA	0	0	
mORF_-_481098	481098	481115	-	4	18	GTG	TGA	0	0	
mORF_-_481124	481124	481204	-	6	81	TTG	TAA	0	0	
mORF_-_481143	481143	481313	-	4	171	ATG	TAG	0	0	
mORF_-_481274	481274	481369	-	6	96	ATG	TGA	0	0	
mORF_-_481323	481323	481328	-	4	6	GTG	TGA	0	0	
mORF_-_481350	481350	481442	-	4	93	TTG	TGA	0	0	
mORF_-_481488	481488	481520	-	4	33	TTG	TGA	0	0	
mORF_-_481542	481542	481574	-	4	33	TTG	TGA	0	0	
mORF_-_481575	481575	481697	-	4	123	TTG	TGA	0	0	
mORF_-_481734	481734	481811	-	4	78	TTG	TGA	0	0	
mORF_-_481845	481845	481886	-	4	42	GTG	TAA	0	0	
mORF_-_481908	481908	481931	-	4	24	ATG	TGA	0	0	
mORF_-_482034	482034	482129	-	4	96	TTG	TAG	0	0	
mORF_-_482102	482102	482152	-	6	51	TTG	TAA	0	0	
mORF_-_482136	482136	482150	-	4	15	GTG	TGA	0	0	
mORF_-_482169	482169	482381	-	4	213	TTG	TGA	0	0	
mORF_-_482388	482388	482408	-	4	21	ATG	TAG	0	0	
mORF_-_482457	482457	482519	-	4	63	TTG	TAA	0	0	
mORF_-_482628	482628	482660	-	4	33	TTG	TGA	0	0	
mORF_-_482664	482664	482861	-	4	198	ATG	TGA	0	0	
mORF_-_482907	482907	482924	-	4	18	TTG	TGA	0	0	
mORF_-_482952	482952	483026	-	4	75	TTG	TGA	0	0	
mORF_-_483048	483048	483056	-	4	9	ATG	TGA	0	0	
mORF_-_483063	483063	483137	-	4	75	ATG	TGA	0	0	
mORF_-_483180	483180	483212	-	4	33	TTG	TGA	0	0	
mORF_-_483216	483216	483242	-	4	27	TTG	TGA	0	0	
mORF_-_483246	483246	483347	-	4	102	TTG	TGA	0	0	
mORF_-_483351	483351	483383	-	4	33	GTG	TGA	0	0	
mORF_-_483444	483444	483470	-	4	27	ATG	TGA	0	0	
mORF_-_483470	483470	483592	-	6	123	GTG	TGA	0	0	
mORF_-_483498	483498	483515	-	4	18	TTG	TAA	0	0	
mORF_-_483585	483585	483596	-	4	12	TTG	TGA	0	0	
mORF_-_483631	483631	483678	-	5	48	GTG	TAA	0	0	
mORF_-_483650	483650	484879	-	6	1230	TTG	TAA	69	1160	pORF_-_483650
mORF_-_483702	483702	483806	-	4	105	GTG	TGA	0	0	
mORF_-_483724	483724	483759	-	5	36	GTG	TAA	0	0	
mORF_-_483796	483796	483867	-	5	72	TTG	TGA	0	0	
mORF_-_483868	483868	483891	-	5	24	GTG	TAG	0	0	
mORF_-_483922	483922	484098	-	5	177	GTG	TAG	0	0	
mORF_-_484138	484138	484149	-	5	12	ATG	TGA	0	0	
mORF_-_484195	484195	484218	-	5	24	TTG	TGA	0	0	
mORF_-_484276	484276	484353	-	5	78	TTG	TGA	0	0	
mORF_-_484372	484372	484398	-	5	27	ATG	TAA	0	0	
mORF_-_484471	484471	484575	-	5	105	GTG	TGA	0	0	
mORF_-_484612	484612	484662	-	5	51	GTG	TGA	0	0	
mORF_-_484717	484717	484770	-	5	54	GTG	TAG	0	0	
mORF_-_484767	484767	484886	-	4	120	TTG	TGA	0	0	
mORF_-_484876	484876	484902	-	5	27	ATG	TGA	0	0	
mORF_-_484911	484911	485099	-	4	189	TTG	TAA	0	0	
mORF_-_484916	484916	485029	-	6	114	GTG	TAA	0	0	
mORF_-_484927	484927	484941	-	5	15	ATG	TAG	0	0	

mORF_-_484942	484942	484947	-	5	6	TTG	TGA	0	0	
mORF_-_484975	484975	485079	-	5	105	GTG	TGA	0	0	
mORF_-_485072	485072	485137	-	6	66	ATG	TGA	0	0	
mORF_-_485112	485112	485126	-	4	15	TTG	TAA	0	0	
mORF_-_485128	485128	485190	-	5	63	TTG	TAG	0	0	
mORF_-_485160	485160	485240	-	4	81	GTG	TGA	0	0	
mORF_-_485261	485261	485269	-	6	9	ATG	TAA	0	0	
mORF_-_485266	485266	485331	-	5	66	TTG	TGA	0	0	
mORF_-_485306	485306	485413	-	6	108	TTG	TAA	0	0	
mORF_-_485319	485319	485477	-	4	159	TTG	TAA	0	0	
mORF_-_485417	485417	485425	-	6	9	ATG	TAA	0	0	
mORF_-_485456	485456	485533	-	6	78	TTG	TAA	0	0	
mORF_-_485563	485563	485754	-	5	192	ATG	TAA	0	0	
mORF_-_485622	485622	485666	-	4	45	ATG	TAG	0	0	
mORF_-_485741	485741	485761	-	6	21	ATG	TGA	0	0	
mORF_-_485764	485764	485811	-	5	48	ATG	TAG	0	0	
mORF_-_485777	485777	485848	-	6	72	GTG	TAA	1	6	pORF_-_485777
mORF_-_485787	485787	485795	-	4	9	ATG	TGA	0	0	
mORF_-_485812	485812	486093	-	5	282	GTG	TAA	0	0	
mORF_-_485865	485865	485909	-	4	45	TTG	TGA	0	0	
mORF_-_485919	485919	485930	-	4	12	TTG	TAG	0	0	
mORF_-_485945	485945	486010	-	6	66	ATG	TGA	0	0	
mORF_-_486026	486026	486139	-	6	114	GTG	TGA	0	0	
mORF_-_486030	486030	486038	-	4	9	TTG	TAG	0	0	
mORF_-_486084	486084	486203	-	4	120	TTG	TAA	0	0	
mORF_-_486094	486094	486201	-	5	108	GTG	TAA	0	0	
mORF_-_486218	486218	486436	-	6	219	GTG	TAA	0	0	
mORF_-_486240	486240	486302	-	4	63	TTG	TAA	0	0	
mORF_-_486366	486366	486503	-	4	138	GTG	TAA	0	0	
mORF_-_486470	486470	486538	-	6	69	TTG	TAA	0	0	
mORF_-_486507	486507	486521	-	4	15	TTG	TAA	0	0	
mORF_-_486648	486648	486986	-	4	339	GTG	TAA	0	0	
mORF_-_486686	486686	486751	-	6	66	TTG	TGA	0	0	
mORF_-_486806	486806	486943	-	6	138	TTG	TAA	0	0	
mORF_-_486895	486895	486915	-	5	21	GTG	TAA	0	0	
mORF_-_486956	486956	486973	-	6	18	TTG	TGA	0	0	
mORF_-_486993	486993	487082	-	4	90	TTG	TAA	0	0	
mORF_-_487031	487031	487129	-	6	99	ATG	TGA	0	0	
mORF_-_487084	487084	487170	-	5	87	TTG	TGA	0	0	
mORF_-_487098	487098	487355	-	4	258	TTG	TAA	0	0	
mORF_-_487136	487136	487237	-	6	102	GTG	TGA	0	0	
mORF_-_487349	487349	487528	-	6	180	TTG	TGA	0	0	
mORF_-_487399	487399	487410	-	5	12	TTG	TGA	0	0	
mORF_-_487512	487512	487826	-	4	315	GTG	TAG	0	0	
mORF_-_487601	487601	487846	-	6	246	ATG	TGA	0	0	
mORF_-_487657	487657	487668	-	5	12	ATG	TGA	0	0	
mORF_-_487904	487904	487909	-	6	6	GTG	TAG	0	0	
mORF_-_487946	487946	488203	-	6	258	GTG	TAA	0	0	
mORF_-_487957	487957	488106	-	5	150	GTG	TGA	0	0	
mORF_-_487995	487995	488240	-	4	246	ATG	TAA	0	0	
mORF_-_488170	488170	488184	-	5	15	TTG	TGA	0	0	
mORF_-_488213	488213	488230	-	6	18	GTG	TAG	0	0	
mORF_-_488240	488240	488422	-	6	183	ATG	TAA	0	0	
mORF_-_488308	488308	488319	-	5	12	TTG	TAA	0	0	
mORF_-_488429	488429	488755	-	6	327	GTG	TAG	0	0	
mORF_-_488437	488437	488514	-	5	78	ATG	TAA	0	0	
mORF_-_488538	488538	488543	-	4	6	TTG	TAA	0	0	
mORF_-_488575	488575	488667	-	5	93	TTG	TGA	0	0	
mORF_-_488758	488758	488868	-	5	111	TTG	TAG	0	0	
mORF_-_488789	488789	488905	-	6	117	GTG	TAG	0	0	
mORF_-_488823	488823	489182	-	4	360	ATG	TAA	0	0	
mORF_-_488884	488884	488892	-	5	9	ATG	TAA	0	0	
mORF_-_488987	488987	489049	-	6	63	TTG	TGA	0	0	

mORF_-_489022	489022	489141	-	5	120	ATG	TAA	0	0	
mORF_-_489086	489086	489166	-	6	81	TTG	TAG	0	0	
mORF_-_489160	489160	489300	-	5	141	TTG	TAG	0	0	
mORF_-_489179	489179	489226	-	6	48	TTG	TGA	0	0	
mORF_-_489231	489231	489275	-	4	45	ATG	TGA	0	0	
mORF_-_489275	489275	489313	-	6	39	ATG	TGA	0	0	
mORF_-_489303	489303	489326	-	4	24	ATG	TAA	0	0	
mORF_-_489314	489314	489337	-	6	24	GTG	TAA	0	0	
mORF_-_489327	489327	489353	-	4	27	ATG	TAA	0	0	
mORF_-_489334	489334	489495	-	5	162	ATG	TGA	0	0	
mORF_-_489360	489360	489380	-	4	21	GTG	TAA	0	0	
mORF_-_489384	489384	489446	-	4	63	TTG	TAA	0	0	
mORF_-_489447	489447	489506	-	4	60	ATG	TGA	0	0	
mORF_-_489509	489509	490036	-	6	528	GTG	TAG	4	15	pORF_-_489509
mORF_-_489526	489526	489597	-	5	72	GTG	TAG	0	0	
mORF_-_489628	489628	489945	-	5	318	GTG	TGA	0	0	
mORF_-_489705	489705	489746	-	4	42	GTG	TAA	0	0	
mORF_-_489870	489870	490049	-	4	180	TTG	TAA	0	0	
mORF_-_489946	489946	489975	-	5	30	GTG	TAA	0	0	
mORF_-_490033	490033	490131	-	5	99	ATG	TGA	0	0	
mORF_-_490065	490065	490100	-	4	36	GTG	TAA	0	0	
mORF_-_490070	490070	490111	-	6	42	TTG	TAG	0	0	
mORF_-_490181	490181	490246	-	6	66	GTG	TAA	0	0	
mORF_-_490197	490197	490268	-	4	72	ATG	TAA	0	0	
mORF_-_490283	490283	490561	-	6	279	TTG	TAG	0	0	
mORF_-_490303	490303	490404	-	5	102	ATG	TGA	0	0	
mORF_-_490353	490353	490391	-	4	39	ATG	TGA	0	0	
mORF_-_490401	490401	490505	-	4	105	TTG	TGA	0	0	
mORF_-_490435	490435	490545	-	5	111	GTG	TAG	0	0	
mORF_-_490506	490506	490688	-	4	183	ATG	TAA	0	0	
mORF_-_490558	490558	490572	-	5	15	TTG	TGA	0	0	
mORF_-_490565	490565	490633	-	6	69	GTG	TAA	0	0	
mORF_-_490591	490591	490629	-	5	39	ATG	TAA	0	0	
mORF_-_490634	490634	490651	-	6	18	GTG	TAA	0	0	
mORF_-_490679	490679	490702	-	6	24	TTG	TGA	0	0	
mORF_-_490695	490695	490730	-	4	36	GTG	TAG	0	0	
mORF_-_490735	490735	491184	-	5	450	ATG	TAA	0	0	
mORF_-_490755	490755	490769	-	4	15	ATG	TAA	0	0	
mORF_-_490788	490788	490922	-	4	135	ATG	TAA	0	0	
mORF_-_490932	490932	490952	-	4	21	GTG	TAA	0	0	
mORF_-_490956	490956	491150	-	4	195	ATG	TGA	0	0	
mORF_-_490982	490982	491026	-	6	45	TTG	TGA	0	0	
mORF_-_491150	491150	491272	-	6	123	ATG	TAA	0	0	
mORF_-_491188	491188	491226	-	5	39	GTG	TAA	0	0	
mORF_-_491214	491214	491237	-	4	24	ATG	TAG	0	0	
mORF_-_491238	491238	491291	-	4	54	GTG	TGA	0	0	
mORF_-_491272	491272	491397	-	5	126	GTG	TAA	0	0	
mORF_-_491331	491331	491384	-	4	54	ATG	TAA	0	0	
mORF_-_491415	491415	491432	-	4	18	ATG	TAA	0	0	
mORF_-_491435	491435	491677	-	6	243	TTG	TAA	0	0	
mORF_-_491499	491499	491717	-	4	219	GTG	TAG	0	0	
mORF_-_491722	491722	491730	-	5	9	GTG	TAA	0	0	
mORF_-_491733	491733	491762	-	4	30	GTG	TAA	0	0	
mORF_-_491764	491764	491820	-	5	57	GTG	TAA	0	0	
mORF_-_491817	491817	491927	-	4	111	TTG	TGA	0	0	
mORF_-_491834	491834	491842	-	6	9	TTG	TGA	0	0	
mORF_-_491870	491870	491890	-	6	21	TTG	TGA	0	0	
mORF_-_491887	491887	492015	-	5	129	TTG	TGA	0	0	
mORF_-_492012	492012	492203	-	4	192	TTG	TGA	0	0	
mORF_-_492056	492056	492274	-	6	219	ATG	TGA	0	0	
mORF_-_492118	492118	492600	-	5	483	TTG	TAA	0	0	
mORF_-_492302	492302	492676	-	6	375	GTG	TGA	0	0	
mORF_-_492330	492330	492497	-	4	168	TTG	TAA	0	0	

mORF_-_492498	492498	492824	-	4	327	ATG	TGA	0	0	
mORF_-_492673	492673	493062	-	5	390	TTG	TGA	0	0	
mORF_-_492686	492686	492964	-	6	279	TTG	TGA	0	0	
mORF_-_492852	492852	492902	-	4	51	TTG	TAG	0	0	
mORF_-_492936	492936	493025	-	4	90	TTG	TAA	0	0	
mORF_-_492992	492992	493048	-	6	57	ATG	TGA	0	0	
mORF_-_493059	493059	493634	-	4	576	TTG	TGA	0	0	
mORF_-_493124	493124	493168	-	6	45	ATG	TGA	0	0	
mORF_-_493168	493168	493257	-	5	90	GTG	TAA	0	0	
mORF_-_493187	493187	493273	-	6	87	ATG	TGA	0	0	
mORF_-_493276	493276	493653	-	5	378	GTG	TAA	0	0	
mORF_-_493436	493436	493528	-	6	93	ATG	TGA	0	0	
mORF_-_493529	493529	493543	-	6	15	GTG	TGA	0	0	
mORF_-_493613	493613	493720	-	6	108	GTG	TAA	0	0	
mORF_-_493647	493647	493874	-	4	228	TTG	TAA	0	0	
mORF_-_493657	493657	493668	-	5	12	GTG	TAA	0	0	
mORF_-_493727	493727	493840	-	6	114	ATG	TGA	0	0	
mORF_-_493816	493816	493968	-	5	153	GTG	TGA	0	0	
mORF_-_493871	493871	493903	-	6	33	ATG	TGA	0	0	
mORF_-_493904	493904	493912	-	6	9	ATG	TAG	0	0	
mORF_-_493932	493932	493961	-	4	30	ATG	TGA	0	0	
mORF_-_493940	493940	494068	-	6	129	GTG	TAA	0	0	
mORF_-_493965	493965	494147	-	4	183	ATG	TGA	0	0	
mORF_-_494089	494089	494238	-	5	150	TTG	TAG	0	0	
mORF_-_494093	494093	494098	-	6	6	ATG	TAG	0	0	
mORF_-_494144	494144	494191	-	6	48	GTG	TGA	0	0	
mORF_-_494196	494196	494219	-	4	24	ATG	TGA	0	0	
mORF_-_494231	494231	494299	-	6	69	GTG	TAA	0	0	
mORF_-_494251	494251	494301	-	5	51	ATG	TGA	0	0	
mORF_-_494315	494315	494326	-	6	12	ATG	TAA	0	0	
mORF_-_494326	494326	494355	-	5	30	TTG	TAA	0	0	
mORF_-_494340	494340	494345	-	4	6	ATG	TAG	0	0	
mORF_-_494374	494374	494409	-	5	36	ATG	TGA	0	0	
mORF_-_494415	494415	494651	-	4	237	TTG	TAG	1	2	pORF_-_494415
mORF_-_494530	494530	494622	-	5	93	ATG	TAG	0	0	
mORF_-_494636	494636	494656	-	6	21	ATG	TAG	0	0	
mORF_-_494653	494653	496245	-	5	1593	ATG	TGA	0	0	
mORF_-_494724	494724	495083	-	4	360	TTG	TAG	0	0	
mORF_-_495090	495090	495182	-	4	93	ATG	TAG	0	0	
mORF_-_495246	495246	495284	-	4	39	ATG	TGA	0	0	
mORF_-_495291	495291	495536	-	4	246	TTG	TAG	0	0	
mORF_-_495597	495597	495611	-	4	15	ATG	TAG	0	0	
mORF_-_495636	495636	495644	-	4	9	GTG	TAG	0	0	
mORF_-_495654	495654	495734	-	4	81	ATG	TAG	0	0	
mORF_-_495753	495753	495878	-	4	126	ATG	TAG	0	0	
mORF_-_495794	495794	495865	-	6	72	GTG	TAG	0	0	
mORF_-_495930	495930	495986	-	4	57	GTG	TGA	0	0	
mORF_-_495987	495987	496043	-	4	57	ATG	TGA	0	0	
mORF_-_496137	496137	496163	-	4	27	GTG	TGA	0	0	
mORF_-_496184	496184	496282	-	6	99	TTG	TAA	0	0	
mORF_-_496284	496284	496409	-	4	126	ATG	TAA	0	0	
mORF_-_496352	496352	496378	-	6	27	GTG	TAA	0	0	
mORF_-_496363	496363	497133	-	5	771	TTG	TGA	0	0	
mORF_-_496382	496382	496399	-	6	18	TTG	TAA	0	0	
mORF_-_496449	496449	496613	-	4	165	ATG	TGA	0	0	
mORF_-_496514	496514	496546	-	6	33	TTG	TGA	0	0	
mORF_-_496617	496617	496703	-	4	87	TTG	TGA	0	0	
mORF_-_496797	496797	496832	-	4	36	TTG	TGA	0	0	
mORF_-_496859	496859	496927	-	6	69	GTG	TAG	0	0	
mORF_-_496941	496941	496997	-	4	57	TTG	TAG	0	0	
mORF_-_497040	497040	497117	-	4	78	TTG	TAG	0	0	
mORF_-_497090	497090	497152	-	6	63	ATG	TAA	0	0	
mORF_-_497161	497161	497175	-	5	15	TTG	TAA	0	0	

mORF_-_497172	497172	497210	-	4	39	GTG	TGA	0	0	
mORF_-_497207	497207	497215	-	6	9	TTG	TGA	0	0	
mORF_-_497216	497216	497368	-	6	153	TTG	TAA	0	0	
mORF_-_497230	497230	497256	-	5	27	TTG	TGA	0	0	
mORF_-_497241	497241	497246	-	4	6	TTG	TAG	0	0	
mORF_-_497284	497284	497337	-	5	54	GTG	TGA	0	0	
mORF_-_497289	497289	497597	-	4	309	GTG	TAG	0	0	
mORF_-_497408	497408	497545	-	6	138	TTG	TAA	0	0	
mORF_-_497594	497594	497827	-	6	234	ATG	TGA	0	0	
mORF_-_497659	497659	497736	-	5	78	ATG	TAA	0	0	
mORF_-_497679	497679	497711	-	4	33	GTG	TAG	0	0	
mORF_-_497779	497779	497823	-	5	45	TTG	TAA	0	0	
mORF_-_497784	497784	497954	-	4	171	GTG	TAA	0	0	
mORF_-_497843	497843	498202	-	6	360	ATG	TAG	0	0	
mORF_-_497857	497857	497865	-	5	9	ATG	TGA	0	0	
mORF_-_497896	497896	497916	-	5	21	GTG	TAA	0	0	
mORF_-_498064	498064	498192	-	5	129	GTG	TGA	0	0	
mORF_-_498238	498238	499197	-	5	960	ATG	TAG	0	0	
mORF_-_498297	498297	498353	-	4	57	GTG	TGA	0	0	
mORF_-_498372	498372	498464	-	4	93	ATG	TAG	0	0	
mORF_-_498467	498467	498619	-	6	153	GTG	TAA	0	0	
mORF_-_498549	498549	498566	-	4	18	GTG	TAA	0	0	
mORF_-_498585	498585	498785	-	4	201	TTG	TGA	0	0	
mORF_-_498638	498638	498646	-	6	9	TTG	TAA	0	0	
mORF_-_498659	498659	498670	-	6	12	GTG	TGA	0	0	
mORF_-_498707	498707	498775	-	6	69	TTG	TGA	0	0	
mORF_-_498792	498792	498842	-	4	51	TTG	TAG	0	0	
mORF_-_498833	498833	498853	-	6	21	ATG	TGA	0	0	
mORF_-_498843	498843	499088	-	4	246	TTG	TGA	0	0	
mORF_-_498950	498950	498967	-	6	18	TTG	TAG	0	0	
mORF_-_499134	499134	499139	-	4	6	TTG	TGA	0	0	
mORF_-_499151	499151	499201	-	6	51	TTG	TGA	0	0	
mORF_-_499194	499194	499214	-	4	21	TTG	TGA	0	0	
mORF_-_499211	499211	499471	-	6	261	TTG	TGA	0	0	
mORF_-_499216	499216	499224	-	5	9	ATG	TAA	0	0	
mORF_-_499323	499323	499400	-	4	78	GTG	TGA	0	0	
mORF_-_499327	499327	499377	-	5	51	TTG	TAA	0	0	
mORF_-_499509	499509	499544	-	4	36	GTG	TAA	0	0	
mORF_-_499526	499526	499540	-	6	15	ATG	TAA	0	0	
mORF_-_499586	499586	499648	-	6	63	GTG	TAG	0	0	
mORF_-_499612	499612	499650	-	5	39	TTG	TGA	0	0	
mORF_-_499651	499651	499704	-	5	54	TTG	TAG	0	0	
mORF_-_499732	499732	499746	-	5	15	GTG	TAA	0	0	
mORF_-_499768	499768	500082	-	5	315	TTG	TAG	0	0	
mORF_-_499772	499772	499858	-	6	87	GTG	TAG	0	0	
mORF_-_499845	499845	499916	-	4	72	GTG	TGA	0	0	
mORF_-_499923	499923	499973	-	4	51	TTG	TGA	0	0	
mORF_-_499928	499928	500500	-	6	573	ATG	TGA	0	0	
mORF_-_500086	500086	500460	-	5	375	TTG	TGA	0	0	
mORF_-_500094	500094	500210	-	4	117	TTG	TAG	0	0	
mORF_-_500406	500406	500429	-	4	24	ATG	TAG	0	0	
mORF_-_500451	500451	500486	-	4	36	TTG	TAA	0	0	
mORF_-_500464	500464	500508	-	5	45	GTG	TAG	0	0	
mORF_-_500505	500505	500525	-	4	21	ATG	TGA	0	0	
mORF_-_500528	500528	500584	-	6	57	ATG	TAA	0	0	
mORF_-_500550	500550	500588	-	4	39	GTG	TAG	0	0	
mORF_-_500594	500594	500689	-	6	96	GTG	TAA	1	2	pORF_-_500594
mORF_-_500655	500655	500696	-	4	42	ATG	TAA	0	0	
mORF_-_500686	500686	500778	-	5	93	TTG	TGA	0	0	
mORF_-_500748	500748	500762	-	4	15	ATG	TAG	0	0	
mORF_-_500759	500759	500782	-	6	24	GTG	TGA	0	0	
mORF_-_500766	500766	500771	-	4	6	ATG	TAA	0	0	
mORF_-_500786	500786	502462	-	6	1677	ATG	TAA	6	22	pORF_-_500786

mORF_-_500794	500794	500853	-	5	60	GTG	TGA	0	0
mORF_-_500866	500866	500985	-	5	120	ATG	TAG	0	0
mORF_-_500982	500982	501023	-	4	42	ATG	TGA	0	0
mORF_-_501007	501007	501126	-	5	120	TTG	TGA	0	0
mORF_-_501144	501144	501215	-	4	72	TTG	TGA	0	0
mORF_-_501178	501178	501207	-	5	30	ATG	TAG	0	0
mORF_-_501388	501388	501432	-	5	45	TTG	TGA	0	0
mORF_-_501457	501457	501483	-	5	27	TTG	TAA	0	0
mORF_-_501508	501508	501522	-	5	15	TTG	TAG	0	0
mORF_-_501574	501574	501657	-	5	84	GTG	TAA	0	0
mORF_-_501679	501679	501726	-	5	48	TTG	TGA	0	0
mORF_-_501723	501723	502007	-	4	285	TTG	TGA	0	0
mORF_-_501733	501733	501750	-	5	18	TTG	TAG	0	0
mORF_-_501874	501874	501927	-	5	54	ATG	TGA	0	0
mORF_-_501982	501982	501999	-	5	18	TTG	TAA	0	0
mORF_-_502000	502000	502038	-	5	39	TTG	TGA	0	0
mORF_-_502039	502039	502056	-	5	18	TTG	TAA	0	0
mORF_-_502053	502053	502097	-	4	45	ATG	TGA	0	0
mORF_-_502174	502174	502191	-	5	18	GTG	TAG	0	0
mORF_-_502228	502228	502254	-	5	27	TTG	TGA	0	0
mORF_-_502258	502258	502344	-	5	87	GTG	TGA	0	0
mORF_-_502348	502348	502494	-	5	147	ATG	TAG	0	0
mORF_-_502484	502484	502513	-	6	30	TTG	TAA	0	0
mORF_-_502516	502516	502557	-	5	42	ATG	TAA	0	0
mORF_-_502530	502530	502544	-	4	15	ATG	TAA	0	0
mORF_-_502564	502564	502608	-	5	45	GTG	TAA	0	0
mORF_-_502631	502631	502675	-	6	45	TTG	TAA	0	0
mORF_-_502647	502647	502694	-	4	48	TTG	TAA	0	0
mORF_-_502700	502700	503920	-	6	1221	ATG	TGA	0	0
mORF_-_502735	502735	502764	-	5	30	GTG	TGA	0	0
mORF_-_502770	502770	503033	-	4	264	TTG	TAA	0	0
mORF_-_502777	502777	502947	-	5	171	TTG	TAG	0	0
mORF_-_502996	502996	503013	-	5	18	TTG	TGA	0	0
mORF_-_503035	503035	503052	-	5	18	TTG	TGA	0	0
mORF_-_503077	503077	503130	-	5	54	ATG	TGA	0	0
mORF_-_503221	503221	503247	-	5	27	TTG	TAA	0	0
mORF_-_503295	503295	503651	-	4	357	ATG	TAA	0	0
mORF_-_503299	503299	503397	-	5	99	ATG	TGA	0	0
mORF_-_503410	503410	503601	-	5	192	TTG	TGA	0	0
mORF_-_503617	503617	503637	-	5	21	TTG	TAA	0	0
mORF_-_503728	503728	503736	-	5	9	TTG	TGA	0	0
mORF_-_503812	503812	503838	-	5	27	GTG	TGA	0	0
mORF_-_503839	503839	503910	-	5	72	GTG	TAG	0	0
mORF_-_503911	503911	503931	-	5	21	GTG	TGA	0	0
mORF_-_503928	503928	504020	-	4	93	TTG	TGA	0	0
mORF_-_503975	503975	503989	-	6	15	ATG	TAA	0	0
mORF_-_504038	504038	504064	-	6	27	GTG	TAG	0	0
mORF_-_504061	504061	504111	-	5	51	GTG	TGA	0	0
mORF_-_504119	504119	504181	-	6	63	GTG	TGA	0	0
mORF_-_504124	504124	504183	-	5	60	ATG	TGA	0	0
mORF_-_504174	504174	504314	-	4	141	TTG	TAA	0	0
mORF_-_504184	504184	504189	-	5	6	GTG	TAA	0	0
mORF_-_504230	504230	504256	-	6	27	TTG	TAG	0	0
mORF_-_504263	504263	504397	-	6	135	GTG	TGA	0	0
mORF_-_504417	504417	504488	-	4	72	ATG	TAA	0	0
mORF_-_504485	504485	504538	-	6	54	TTG	TGA	0	0
mORF_-_504513	504513	505169	-	4	657	TTG	TAA	0	0
mORF_-_504617	504617	504691	-	6	75	GTG	TGA	0	0
mORF_-_504637	504637	504666	-	5	30	TTG	TAA	0	0
mORF_-_504737	504737	504769	-	6	33	ATG	TGA	0	0
mORF_-_504820	504820	504960	-	5	141	ATG	TAG	0	0
mORF_-_504890	504890	504928	-	6	39	TTG	TGA	0	0
mORF_-_504941	504941	504964	-	6	24	TTG	TAA	0	0

mORF_-_504971	504971	505015	-	6	45	TTG	TGA	0	0	
mORF_-_505066	505066	505188	-	5	123	GTG	TAA	0	0	
mORF_-_505139	505139	505327	-	6	189	GTG	TAA	0	0	
mORF_-_505185	505185	505316	-	4	132	TTG	TGA	0	0	
mORF_-_505390	505390	505422	-	5	33	ATG	TGA	0	0	
mORF_-_505394	505394	505450	-	6	57	ATG	TAG	0	0	
mORF_-_505506	505506	505523	-	4	18	TTG	TGA	0	0	
mORF_-_505514	505514	505579	-	6	66	TTG	TAG	0	0	
mORF_-_505576	505576	505623	-	5	48	ATG	TGA	0	0	
mORF_-_505607	505607	505672	-	6	66	TTG	TAA	0	0	
mORF_-_505623	505623	505823	-	4	201	TTG	TAA	0	0	
mORF_-_505696	505696	505821	-	5	126	GTG	TAA	0	0	
mORF_-_505757	505757	506068	-	6	312	GTG	TAA	0	0	
mORF_-_505827	505827	506306	-	4	480	ATG	TAA	26	83	pORF_-_505827
mORF_-_506081	506081	506131	-	6	51	TTG	TAG	0	0	
mORF_-_506138	506138	506146	-	6	9	GTG	TGA	0	0	
mORF_-_506195	506195	506221	-	6	27	TTG	TAG	0	0	
mORF_-_506290	506290	506574	-	5	285	ATG	TAA	0	0	
mORF_-_506303	506303	506365	-	6	63	TTG	TGA	0	0	
mORF_-_506322	506322	506489	-	4	168	TTG	TAA	0	0	
mORF_-_506426	506426	506431	-	6	6	GTG	TAA	0	0	
mORF_-_506438	506438	506452	-	6	15	ATG	TAA	0	0	
mORF_-_506510	506510	507304	-	6	795	ATG	TAA	0	0	
mORF_-_506632	506632	506640	-	5	9	ATG	TGA	0	0	
mORF_-_506674	506674	506700	-	5	27	ATG	TAA	0	0	
mORF_-_506682	506682	506708	-	4	27	GTG	TAA	0	0	
mORF_-_506755	506755	506838	-	5	84	TTG	TGA	0	0	
mORF_-_506839	506839	507099	-	5	261	ATG	TGA	0	0	
mORF_-_506847	506847	506954	-	4	108	GTG	TAA	0	0	
mORF_-_507112	507112	507195	-	5	84	TTG	TGA	0	0	
mORF_-_507255	507255	507356	-	4	102	TTG	TAA	0	0	
mORF_-_507326	507326	507409	-	6	84	ATG	TGA	0	0	
mORF_-_507393	507393	507443	-	4	51	ATG	TGA	0	0	
mORF_-_507412	507412	507429	-	5	18	TTG	TAG	0	0	
mORF_-_507416	507416	507472	-	6	57	GTG	TGA	0	0	
mORF_-_507489	507489	507524	-	4	36	TTG	TAG	0	0	
mORF_-_507529	507529	507552	-	5	24	ATG	TAA	0	0	
mORF_-_507549	507549	507953	-	4	405	ATG	TGA	0	0	
mORF_-_507563	507563	507571	-	6	9	GTG	TGA	0	0	
mORF_-_507596	507596	507802	-	6	207	ATG	TAG	0	0	
mORF_-_507652	507652	507789	-	5	138	TTG	TAG	0	0	
mORF_-_507799	507799	507852	-	5	54	ATG	TGA	0	0	
mORF_-_507824	507824	508090	-	6	267	TTG	TGA	0	0	
mORF_-_507886	507886	507891	-	5	6	TTG	TAG	0	0	
mORF_-_507925	507925	508047	-	5	123	ATG	TAA	0	0	
mORF_-_507987	507987	507992	-	4	6	TTG	TAG	0	0	
mORF_-_508099	508099	510603	-	5	2505	ATG	TAA	45	323	pORF_-_508099
mORF_-_508143	508143	508181	-	4	39	TTG	TAG	0	0	
mORF_-_508182	508182	508265	-	4	84	GTG	TAG	0	0	
mORF_-_508190	508190	508216	-	6	27	GTG	TAA	0	0	
mORF_-_508281	508281	508325	-	4	45	TTG	TGA	0	0	
mORF_-_508347	508347	508475	-	4	129	GTG	TGA	0	0	
mORF_-_508527	508527	508562	-	4	36	ATG	TGA	0	0	
mORF_-_508593	508593	508646	-	4	54	GTG	TGA	0	0	
mORF_-_508677	508677	508778	-	4	102	ATG	TAG	0	0	
mORF_-_508779	508779	508826	-	4	48	GTG	TAA	0	0	
mORF_-_508830	508830	508982	-	4	153	TTG	TGA	0	0	
mORF_-_508989	508989	509000	-	4	12	TTG	TGA	0	0	
mORF_-_509043	509043	509174	-	4	132	TTG	TAG	0	0	
mORF_-_509105	509105	509164	-	6	60	GTG	TGA	0	0	
mORF_-_509178	509178	509195	-	4	18	TTG	TGA	0	0	
mORF_-_509196	509196	509264	-	4	69	TTG	TGA	0	0	
mORF_-_509274	509274	509438	-	4	165	ATG	TAG	0	0	

mORF_-_509484	509484	509531	-	4	48	ATG	TGA	0	0	
mORF_-_509495	509495	509506	-	6	12	ATG	TGA	0	0	
mORF_-_509556	509556	509609	-	4	54	GTG	TGA	0	0	
mORF_-_509669	509669	509950	-	6	282	GTG	TAA	2	12	pORF_-_509669
mORF_-_509799	509799	509861	-	4	63	GTG	TGA	0	0	
mORF_-_509865	509865	509885	-	4	21	GTG	TGA	0	0	
mORF_-_510006	510006	510035	-	4	30	TTG	TGA	0	0	
mORF_-_510057	510057	510113	-	4	57	TTG	TGA	0	0	
mORF_-_510153	510153	510173	-	4	21	GTG	TAG	0	0	
mORF_-_510207	510207	510266	-	4	60	GTG	TAA	0	0	
mORF_-_510288	510288	510317	-	4	30	ATG	TGA	0	0	
mORF_-_510408	510408	510422	-	4	15	ATG	TAA	0	0	
mORF_-_510447	510447	510530	-	4	84	TTG	TGA	0	0	
mORF_-_510548	510548	510673	-	6	126	TTG	TAA	0	0	
mORF_-_510670	510670	510747	-	5	78	ATG	TGA	0	0	
mORF_-_510711	510711	510734	-	4	24	ATG	TAA	0	0	
mORF_-_510784	510784	510816	-	5	33	GTG	TAG	0	0	
mORF_-_510794	510794	510841	-	6	48	ATG	TGA	0	0	
mORF_-_510829	510829	510861	-	5	33	TTG	TAA	0	0	
mORF_-_510842	510842	510925	-	6	84	GTG	TAG	0	0	
mORF_-_510855	510855	510881	-	4	27	TTG	TAA	0	0	
mORF_-_510883	510883	510921	-	5	39	GTG	TAA	0	0	
mORF_-_510906	510906	510911	-	4	6	GTG	TAA	0	0	
mORF_-_510922	510922	510981	-	5	60	TTG	TGA	0	0	
mORF_-_510948	510948	510953	-	4	6	ATG	TAA	0	0	
mORF_-_510978	510978	511016	-	4	39	TTG	TGA	0	0	
mORF_-_510995	510995	511054	-	6	60	GTG	TAG	0	0	
mORF_-_511041	511041	511376	-	4	336	ATG	TAA	0	0	
mORF_-_511166	511166	511207	-	6	42	GTG	TAA	0	0	
mORF_-_511174	511174	511266	-	5	93	TTG	TAA	0	0	
mORF_-_511282	511282	511530	-	5	249	ATG	TAA	0	0	
mORF_-_511334	511334	511420	-	6	87	TTG	TGA	0	0	
mORF_-_511446	511446	511466	-	4	21	TTG	TGA	0	0	
mORF_-_511469	511469	511756	-	6	288	ATG	TAG	0	0	
mORF_-_511542	511542	511727	-	4	186	TTG	TGA	0	0	
mORF_-_511702	511702	511770	-	5	69	TTG	TGA	0	0	
mORF_-_511787	511787	511867	-	6	81	ATG	TAA	0	0	
mORF_-_511798	511798	511917	-	5	120	ATG	TGA	0	0	
mORF_-_512009	512009	512122	-	6	114	ATG	TAG	0	0	
mORF_-_512085	512085	512186	-	4	102	GTG	TAA	0	0	
mORF_-_512198	512198	512287	-	6	90	ATG	TAG	0	0	
mORF_-_512241	512241	512252	-	4	12	ATG	TAA	0	0	
mORF_-_512304	512304	512348	-	4	45	ATG	TAA	1	2	pORF_-_512304
mORF_-_512414	512414	512512	-	6	99	GTG	TAG	0	0	
mORF_-_512473	512473	512481	-	5	9	GTG	TAA	0	0	
mORF_-_512506	512506	512535	-	5	30	GTG	TAA	0	0	
mORF_-_512545	512545	512562	-	5	18	ATG	TAA	0	0	
mORF_-_512568	512568	512624	-	4	57	ATG	TAA	0	0	
mORF_-_512630	512630	512863	-	6	234	GTG	TAA	0	0	
mORF_-_512806	512806	512841	-	5	36	GTG	TAA	0	0	
mORF_-_512838	512838	512924	-	4	87	GTG	TGA	0	0	
mORF_-_512987	512987	513154	-	6	168	TTG	TAG	0	0	
mORF_-_513028	513028	513039	-	5	12	GTG	TAA	0	0	
mORF_-_513042	513042	513095	-	4	54	ATG	TAA	0	0	
mORF_-_513052	513052	513063	-	5	12	TTG	TAA	0	0	
mORF_-_513121	513121	513345	-	5	225	ATG	TAA	0	0	
mORF_-_513186	513186	513266	-	4	81	ATG	TAA	0	0	
mORF_-_513224	513224	513238	-	6	15	TTG	TGA	0	0	
mORF_-_513321	513321	513329	-	4	9	GTG	TAA	0	0	
mORF_-_513330	513330	513518	-	4	189	ATG	TAG	0	0	
mORF_-_513347	513347	513376	-	6	30	GTG	TGA	0	0	
mORF_-_513361	513361	513612	-	5	252	ATG	TAA	0	0	
mORF_-_513455	513455	513538	-	6	84	GTG	TGA	0	0	

mORF_-_513625	513625	514083	-	5	459	ATG	TAA	0	0	
mORF_-_513663	513663	513794	-	4	132	TTG	TAG	0	0	
mORF_-_513677	513677	513724	-	6	48	ATG	TGA	0	0	
mORF_-_513824	513824	513985	-	6	162	GTG	TAG	0	0	
mORF_-_513894	513894	513905	-	4	12	TTG	TGA	0	0	
mORF_-_513963	513963	513998	-	4	36	ATG	TGA	0	0	
mORF_-_514080	514080	514997	-	4	918	ATG	TGA	12	68	pORF_-_514080
mORF_-_514112	514112	514135	-	6	24	TTG	TGA	0	0	
mORF_-_514244	514244	514324	-	6	81	GTG	TGA	0	0	
mORF_-_514370	514370	514438	-	6	69	TTG	TGA	0	0	
mORF_-_514481	514481	514624	-	6	144	TTG	TGA	0	0	
mORF_-_514540	514540	514551	-	5	12	GTG	TAA	0	0	
mORF_-_514664	514664	514723	-	6	60	TTG	TGA	0	0	
mORF_-_514720	514720	514740	-	5	21	GTG	TGA	0	0	
mORF_-_514765	514765	515055	-	5	291	TTG	TAA	0	0	
mORF_-_514814	514814	514897	-	6	84	TTG	TGA	0	0	
mORF_-_514904	514904	514969	-	6	66	TTG	TAG	0	0	
mORF_-_515166	515166	515360	-	4	195	GTG	TGA	0	0	
mORF_-_515170	515170	515175	-	5	6	TTG	TAG	0	0	
mORF_-_515255	515255	515308	-	6	54	ATG	TAA	0	0	
mORF_-_515312	515312	515320	-	6	9	TTG	TGA	0	0	
mORF_-_515354	515354	515584	-	6	231	ATG	TGA	0	0	
mORF_-_515362	515362	515388	-	5	27	TTG	TAG	0	0	
mORF_-_515394	515394	515672	-	4	279	TTG	TAA	0	0	
mORF_-_515554	515554	515574	-	5	21	TTG	TAG	0	0	
mORF_-_515581	515581	515601	-	5	21	TTG	TGA	0	0	
mORF_-_515617	515617	515781	-	5	165	ATG	TAA	0	0	
mORF_-_515669	515669	515728	-	6	60	GTG	TGA	0	0	
mORF_-_515765	515765	515818	-	6	54	ATG	TAA	0	0	
mORF_-_515826	515826	515870	-	4	45	TTG	TAG	0	0	
mORF_-_515873	515873	515884	-	6	12	ATG	TAA	0	0	
mORF_-_515959	515959	516210	-	5	252	ATG	TAG	0	0	
mORF_-_515979	515979	516005	-	4	27	ATG	TGA	0	0	
mORF_-_516017	516017	516052	-	6	36	TTG	TAA	0	0	
mORF_-_516081	516081	516089	-	4	9	ATG	TAA	0	0	
mORF_-_516229	516229	516255	-	5	27	ATG	TAA	0	0	
mORF_-_516239	516239	516268	-	6	30	TTG	TAA	0	0	
mORF_-_516255	516255	516374	-	4	120	TTG	TAA	0	0	
mORF_-_516457	516457	516507	-	5	51	ATG	TGA	0	0	
mORF_-_516474	516474	516488	-	4	15	TTG	TAA	0	0	
mORF_-_516507	516507	516608	-	4	102	ATG	TAA	0	0	
mORF_-_516521	516521	516613	-	6	93	ATG	TAA	0	0	
mORF_-_516538	516538	516630	-	5	93	ATG	TAA	0	0	
mORF_-_516627	516627	516860	-	4	234	ATG	TGA	0	0	
mORF_-_516638	516638	516652	-	6	15	TTG	TGA	0	0	
mORF_-_516649	516649	517539	-	5	891	ATG	TGA	32	185	pORF_-_516649
mORF_-_516990	516990	517007	-	4	18	ATG	TGA	0	0	
mORF_-_517020	517020	517028	-	4	9	TTG	TGA	0	0	
mORF_-_517092	517092	517109	-	4	18	ATG	TGA	0	0	
mORF_-_517155	517155	517232	-	4	78	ATG	TGA	0	0	
mORF_-_517233	517233	517298	-	4	66	TTG	TAG	0	0	
mORF_-_517406	517406	517414	-	6	9	TTG	TGA	0	0	
mORF_-_517437	517437	517487	-	4	51	TTG	TGA	0	0	
mORF_-_517494	517494	517562	-	4	69	TTG	TAG	0	0	
mORF_-_517559	517559	517567	-	6	9	GTG	TGA	0	0	
mORF_-_517564	517564	518373	-	5	810	ATG	TGA	2	8	pORF_-_517564
mORF_-_517641	517641	517760	-	4	120	GTG	TGA	0	0	
mORF_-_517815	517815	517907	-	4	93	GTG	TGA	0	0	
mORF_-_517826	517826	517870	-	6	45	GTG	TAA	0	0	
mORF_-_517947	517947	518108	-	4	162	ATG	TGA	0	0	
mORF_-_518096	518096	518116	-	6	21	TTG	TAA	0	0	
mORF_-_518133	518133	518159	-	4	27	GTG	TGA	0	0	
mORF_-_518208	518208	518252	-	4	45	ATG	TGA	0	0	

mORF_-_518222	518222	518308	-	6	87	ATG	TGA	0	0	
mORF_-_518268	518268	518300	-	4	33	GTG	TAA	0	0	
mORF_-_518363	518363	519019	-	6	657	ATG	TAA	8	21	pORF_-_518363
mORF_-_518380	518380	518574	-	5	195	ATG	TAG	0	0	
mORF_-_518451	518451	518465	-	4	15	ATG	TGA	0	0	
mORF_-_518599	518599	518709	-	5	111	TTG	TAA	0	0	
mORF_-_518706	518706	518720	-	4	15	TTG	TGA	0	0	
mORF_-_518737	518737	518796	-	5	60	ATG	TGA	0	0	
mORF_-_518800	518800	518829	-	5	30	ATG	TAG	0	0	
mORF_-_518811	518811	518822	-	4	12	GTG	TAA	0	0	
mORF_-_518878	518878	518889	-	5	12	GTG	TGA	0	0	
mORF_-_518896	518896	518922	-	5	27	GTG	TGA	0	0	
mORF_-_518929	518929	518973	-	5	45	ATG	TAA	0	0	
mORF_-_519007	519007	519072	-	5	66	ATG	TGA	0	0	
mORF_-_519054	519054	519245	-	4	192	ATG	TGA	0	0	
mORF_-_519104	519104	519172	-	6	69	TTG	TGA	0	0	
mORF_-_519176	519176	519223	-	6	48	GTG	TAG	0	0	
mORF_-_519264	519264	519431	-	4	168	GTG	TAA	0	0	
mORF_-_519356	519356	519580	-	6	225	TTG	TAA	0	0	
mORF_-_519379	519379	519552	-	5	174	GTG	TGA	0	0	
mORF_-_519558	519558	519938	-	4	381	TTG	TAA	0	0	
mORF_-_519605	519605	519649	-	6	45	GTG	TAA	0	0	
mORF_-_519766	519766	519777	-	5	12	TTG	TAA	0	0	
mORF_-_519788	519788	519919	-	6	132	GTG	TAA	0	0	
mORF_-_519817	519817	519978	-	5	162	TTG	TGA	0	0	
mORF_-_519954	519954	520088	-	4	135	GTG	TAG	0	0	
mORF_-_519980	519980	520042	-	6	63	GTG	TAG	0	0	
mORF_-_520113	520113	520220	-	4	108	GTG	TGA	0	0	
mORF_-_520227	520227	520244	-	4	18	TTG	TAA	0	0	
mORF_-_520279	520279	520497	-	5	219	TTG	TAA	0	0	
mORF_-_520449	520449	520472	-	4	24	TTG	TAG	0	0	
mORF_-_520518	520518	520679	-	4	162	ATG	TGA	0	0	
mORF_-_520601	520601	520624	-	6	24	GTG	TGA	0	0	
mORF_-_520676	520676	520723	-	6	48	TTG	TGA	0	0	
mORF_-_520782	520782	520934	-	4	153	ATG	TAA	0	0	
mORF_-_520967	520967	521017	-	6	51	ATG	TAA	0	0	
mORF_-_521030	521030	521044	-	6	15	GTG	TAA	0	0	
mORF_-_521112	521112	521135	-	4	24	GTG	TAG	0	0	
mORF_-_521123	521123	521149	-	6	27	GTG	TAA	0	0	
mORF_-_521152	521152	521313	-	5	162	ATG	TAG	0	0	
mORF_-_521196	521196	521282	-	4	87	TTG	TAA	0	0	
mORF_-_521285	521285	521344	-	6	60	TTG	TAA	0	0	
mORF_-_521310	521310	521465	-	4	156	TTG	TGA	0	0	
mORF_-_521496	521496	521612	-	4	117	ATG	TAG	0	0	
mORF_-_521501	521501	521521	-	6	21	ATG	TAA	0	0	
mORF_-_521521	521521	521589	-	5	69	TTG	TAA	0	0	
mORF_-_521546	521546	521587	-	6	42	GTG	TAA	0	0	
mORF_-_521638	521638	521763	-	5	126	ATG	TAA	0	0	
mORF_-_521652	521652	521705	-	4	54	GTG	TGA	0	0	
mORF_-_521702	521702	521872	-	6	171	TTG	TGA	0	0	
mORF_-_521763	521763	521840	-	4	78	ATG	TGA	0	0	
mORF_-_522098	522098	522124	-	6	27	ATG	TAA	0	0	
mORF_-_522109	522109	522114	-	5	6	TTG	TAG	0	0	
mORF_-_522152	522152	522274	-	6	123	ATG	TAG	0	0	
mORF_-_522213	522213	522218	-	4	6	TTG	TAG	0	0	
mORF_-_522226	522226	522243	-	5	18	ATG	TGA	0	0	
mORF_-_522267	522267	522302	-	4	36	ATG	TAA	0	0	
mORF_-_522317	522317	522406	-	6	90	ATG	TAA	0	0	
mORF_-_522322	522322	522375	-	5	54	TTG	TAA	0	0	
mORF_-_522406	522406	522450	-	5	45	GTG	TAA	0	0	
mORF_-_522444	522444	522464	-	4	21	TTG	TAG	0	0	
mORF_-_522468	522468	522479	-	4	12	GTG	TAG	0	0	
mORF_-_522523	522523	522714	-	5	192	GTG	TGA	0	0	

mORF_-_522699	522699	522746	-	4	48	GTG	TGA	0	0	
mORF_-_522724	522724	522846	-	5	123	ATG	TAG	0	0	
mORF_-_522800	522800	522850	-	6	51	GTG	TAG	0	0	
mORF_-_522822	522822	523022	-	4	201	GTG	TGA	0	0	
mORF_-_522896	522896	522943	-	6	48	ATG	TGA	0	0	
mORF_-_522986	522986	522997	-	6	12	ATG	TAA	0	0	
mORF_-_523000	523000	523506	-	5	507	GTG	TAA	2	8	pORF_-_523000
mORF_-_523185	523185	523427	-	4	243	GTG	TGA	0	0	
mORF_-_523310	523310	523606	-	6	297	TTG	TGA	0	0	
mORF_-_523622	523622	524038	-	6	417	GTG	TAA	0	0	
mORF_-_523639	523639	523869	-	5	231	GTG	TAA	0	0	
mORF_-_523863	523863	524060	-	4	198	TTG	TGA	0	0	
mORF_-_524023	524023	524079	-	5	57	GTG	TAG	0	0	
mORF_-_524045	524045	524188	-	6	144	GTG	TAA	0	0	
mORF_-_524101	524101	524124	-	5	24	GTG	TAG	0	0	
mORF_-_524149	524149	524202	-	5	54	ATG	TAA	0	0	
mORF_-_524202	524202	524258	-	4	57	GTG	TGA	0	0	
mORF_-_524218	524218	524439	-	5	222	TTG	TAG	0	0	
mORF_-_524237	524237	524959	-	6	723	GTG	TAA	0	0	
mORF_-_524313	524313	524342	-	4	30	GTG	TGA	0	0	
mORF_-_524530	524530	524580	-	5	51	ATG	TAA	0	0	
mORF_-_524550	524550	524555	-	4	6	GTG	TGA	0	0	
mORF_-_524590	524590	524613	-	5	24	GTG	TAG	0	0	
mORF_-_524614	524614	524682	-	5	69	ATG	TGA	0	0	
mORF_-_524682	524682	524840	-	4	159	TTG	TGA	0	0	
mORF_-_524725	524725	524850	-	5	126	GTG	TAG	0	0	
mORF_-_524847	524847	525026	-	4	180	ATG	TGA	0	0	
mORF_-_524896	524896	525030	-	5	135	GTG	TAA	0	0	
mORF_-_525044	525044	526105	-	6	1062	ATG	TAA	0	0	
mORF_-_525085	525085	525120	-	5	36	ATG	TAG	0	0	
mORF_-_525120	525120	525278	-	4	159	GTG	TGA	0	0	
mORF_-_525151	525151	525303	-	5	153	ATG	TAG	0	0	
mORF_-_525279	525279	525644	-	4	366	GTG	TGA	0	0	
mORF_-_525325	525325	525372	-	5	48	ATG	TAG	0	0	
mORF_-_525448	525448	525453	-	5	6	GTG	TAG	0	0	
mORF_-_525496	525496	525930	-	5	435	GTG	TAG	0	0	
mORF_-_525684	525684	525932	-	4	249	GTG	TGA	0	0	
mORF_-_525955	525955	526041	-	5	87	TTG	TGA	0	0	
mORF_-_526115	526115	526138	-	6	24	GTG	TGA	0	0	
mORF_-_526170	526170	526232	-	4	63	GTG	TAA	0	0	
mORF_-_526213	526213	526524	-	5	312	GTG	TGA	0	0	
mORF_-_526232	526232	526240	-	6	9	TTG	TAG	0	0	
mORF_-_526248	526248	526337	-	4	90	TTG	TAG	0	0	
mORF_-_526443	526443	526463	-	4	21	ATG	TAG	0	0	
mORF_-_526464	526464	526664	-	4	201	GTG	TAG	0	0	
mORF_-_526496	526496	526573	-	6	78	ATG	TGA	0	0	
mORF_-_526651	526651	526749	-	5	99	ATG	TAA	0	0	
mORF_-_526713	526713	526838	-	4	126	ATG	TGA	0	0	
mORF_-_526739	526739	526759	-	6	21	ATG	TGA	0	0	
mORF_-_526873	526873	526893	-	5	21	ATG	TAA	0	0	
mORF_-_526919	526919	526924	-	6	6	ATG	TAA	0	0	
mORF_-_526925	526925	526978	-	6	54	TTG	TAA	0	0	
mORF_-_526941	526941	526967	-	4	27	TTG	TAA	0	0	
mORF_-_526995	526995	527039	-	4	45	ATG	TAA	0	0	
mORF_-_527046	527046	527084	-	4	39	TTG	TAA	0	0	
mORF_-_527092	527092	527271	-	5	180	GTG	TAA	0	0	
mORF_-_527127	527127	527237	-	4	111	TTG	TAA	0	0	
mORF_-_527159	527159	527164	-	6	6	ATG	TAG	0	0	
mORF_-_527322	527322	527327	-	4	6	TTG	TAG	0	0	
mORF_-_527340	527340	527369	-	4	30	GTG	TAG	0	0	
mORF_-_527366	527366	527593	-	6	228	ATG	TGA	0	0	
mORF_-_527473	527473	527493	-	5	21	TTG	TAG	0	0	
mORF_-_527494	527494	527505	-	5	12	TTG	TAG	0	0	

mORF_-_527557	527557	527583	-	5	27	ATG	TAA	0	0	
mORF_-_527666	527666	527794	-	6	129	TTG	TAA	0	0	
mORF_-_527716	527716	527772	-	5	57	ATG	TAG	0	0	
mORF_-_527803	527803	527838	-	5	36	ATG	TGA	0	0	
mORF_-_527857	527857	527925	-	5	69	ATG	TAA	0	0	
mORF_-_527871	527871	527891	-	4	21	TTG	TAG	0	0	
mORF_-_527943	527943	528008	-	4	66	TTG	TAA	0	0	
mORF_-_527953	527953	527964	-	5	12	TTG	TAA	0	0	
mORF_-_527957	527957	528058	-	6	102	GTG	TAA	0	0	
mORF_-_527989	527989	527994	-	5	6	ATG	TAA	0	0	
mORF_-_527998	527998	528084	-	5	87	GTG	TAG	0	0	
mORF_-_528030	528030	528086	-	4	57	TTG	TAA	0	0	
mORF_-_528074	528074	528127	-	6	54	TTG	TGA	0	0	
mORF_-_528121	528121	528180	-	5	60	TTG	TAG	0	0	
mORF_-_528146	528146	528217	-	6	72	TTG	TAA	0	0	
mORF_-_528196	528196	528303	-	5	108	ATG	TGA	0	0	
mORF_-_528308	528308	528460	-	6	153	ATG	TAA	0	0	
mORF_-_528372	528372	528380	-	4	9	ATG	TAG	0	0	
mORF_-_528391	528391	528438	-	5	48	ATG	TGA	0	0	
mORF_-_528491	528491	528532	-	6	42	TTG	TGA	0	0	
mORF_-_528499	528499	528615	-	5	117	ATG	TAA	0	0	
mORF_-_528555	528555	528605	-	4	51	ATG	TAA	0	0	
mORF_-_528608	528608	528619	-	6	12	ATG	TGA	0	0	
mORF_-_528639	528639	528854	-	4	216	GTG	TAA	0	0	
mORF_-_528722	528722	528832	-	6	111	ATG	TAA	0	0	
mORF_-_528841	528841	529134	-	5	294	GTG	TAA	0	0	
mORF_-_528869	528869	529276	-	6	408	GTG	TGA	0	0	
mORF_-_529182	529182	529301	-	4	120	TTG	TGA	0	0	
mORF_-_529277	529277	529285	-	6	9	TTG	TGA	0	0	
mORF_-_529298	529298	529315	-	6	18	ATG	TGA	0	0	
mORF_-_529319	529319	529465	-	6	147	TTG	TGA	0	0	
mORF_-_529324	529324	529356	-	5	33	ATG	TGA	0	0	
mORF_-_529335	529335	529343	-	4	9	TTG	TAG	0	0	
mORF_-_529356	529356	530450	-	4	1095	ATG	TAA	1	3	pORF_-_529356
mORF_-_529366	529366	529392	-	5	27	GTG	TAA	0	0	
mORF_-_529523	529523	529663	-	6	141	ATG	TGA	0	0	
mORF_-_529582	529582	529617	-	5	36	TTG	TAA	0	0	
mORF_-_529691	529691	529714	-	6	24	TTG	TGA	0	0	
mORF_-_529711	529711	529818	-	5	108	GTG	TGA	0	0	
mORF_-_529724	529724	529735	-	6	12	TTG	TAG	0	0	
mORF_-_529847	529847	529957	-	6	111	GTG	TAA	0	0	
mORF_-_529976	529976	530011	-	6	36	TTG	TAG	0	0	
mORF_-_529987	529987	530004	-	5	18	TTG	TAA	0	0	
mORF_-_530018	530018	530314	-	6	297	ATG	TAG	0	0	
mORF_-_530101	530101	530193	-	5	93	GTG	TGA	0	0	
mORF_-_530324	530324	530407	-	6	84	TTG	TAA	0	0	
mORF_-_530401	530401	530469	-	5	69	TTG	TGA	0	0	
mORF_-_530408	530408	530419	-	6	12	GTG	TGA	0	0	
mORF_-_530466	530466	530630	-	4	165	ATG	TGA	0	0	
mORF_-_530488	530488	530505	-	5	18	TTG	TAA	0	0	
mORF_-_530519	530519	531445	-	6	927	ATG	TAA	0	0	
mORF_-_530587	530587	530592	-	5	6	TTG	TGA	0	0	
mORF_-_530599	530599	530619	-	5	21	TTG	TAG	0	0	
mORF_-_530691	530691	530711	-	4	21	TTG	TAA	0	0	
mORF_-_530698	530698	530784	-	5	87	TTG	TGA	0	0	
mORF_-_530827	530827	530850	-	5	24	TTG	TAA	0	0	
mORF_-_530887	530887	530934	-	5	48	TTG	TAA	0	0	
mORF_-_530898	530898	530942	-	4	45	ATG	TGA	0	0	
mORF_-_530953	530953	531099	-	5	147	ATG	TAG	0	0	
mORF_-_531096	531096	531107	-	4	12	GTG	TGA	0	0	
mORF_-_531100	531100	531159	-	5	60	TTG	TGA	0	0	
mORF_-_531163	531163	531186	-	5	24	ATG	TGA	0	0	
mORF_-_531307	531307	531414	-	5	108	TTG	TAG	0	0	

mORF_-_531363	531363	531368	-	4	6	ATG	TAA	0	0
mORF_-_531462	531462	531569	-	4	108	TTG	TAA	0	0
mORF_-_531512	531512	531532	-	6	21	TTG	TAA	0	0
mORF_-_531592	531592	531624	-	5	33	TTG	TAA	0	0
mORF_-_531659	531659	531670	-	6	12	TTG	TAA	0	0
mORF_-_531696	531696	531896	-	4	201	ATG	TAA	0	0
mORF_-_531719	531719	531769	-	6	51	TTG	TAA	0	0
mORF_-_531785	531785	531877	-	6	93	ATG	TAA	0	0
mORF_-_531908	531908	532006	-	6	99	TTG	TGA	0	0
mORF_-_531916	531916	531984	-	5	69	TTG	TAA	0	0
mORF_-_531981	531981	532166	-	4	186	TTG	TGA	0	0
mORF_-_532000	532000	532053	-	5	54	GTG	TGA	0	0
mORF_-_532046	532046	532210	-	6	165	GTG	TGA	0	0
mORF_-_532186	532186	532197	-	5	12	ATG	TAG	0	0
mORF_-_532207	532207	532401	-	5	195	GTG	TGA	0	0
mORF_-_532245	532245	532298	-	4	54	GTG	TAA	0	0
mORF_-_532304	532304	532330	-	6	27	TTG	TAA	0	0
mORF_-_532424	532424	532459	-	6	36	TTG	TAA	0	0
mORF_-_532456	532456	532608	-	5	153	TTG	TGA	0	0
mORF_-_532460	532460	532474	-	6	15	ATG	TAA	0	0
mORF_-_532481	532481	532516	-	6	36	ATG	TAA	0	0
mORF_-_532627	532627	532707	-	5	81	TTG	TGA	0	0
mORF_-_532631	532631	532867	-	6	237	ATG	TAA	0	0
mORF_-_532650	532650	532685	-	4	36	GTG	TGA	0	0
mORF_-_532717	532717	532806	-	5	90	GTG	TAA	0	0
mORF_-_532776	532776	532784	-	4	9	TTG	TAA	0	0
mORF_-_532785	532785	532898	-	4	114	TTG	TAG	0	0
mORF_-_532843	532843	532887	-	5	45	ATG	TAG	0	0
mORF_-_532900	532900	532938	-	5	39	ATG	TAA	0	0
mORF_-_532929	532929	532955	-	4	27	TTG	TAG	0	0
mORF_-_532952	532952	533170	-	6	219	TTG	TGA	0	0
mORF_-_532981	532981	533022	-	5	42	GTG	TGA	0	0
mORF_-_533016	533016	533231	-	4	216	TTG	TGA	0	0
mORF_-_533198	533198	533227	-	6	30	TTG	TAG	0	0
mORF_-_533228	533228	533332	-	6	105	TTG	TGA	0	0
mORF_-_533242	533242	533583	-	5	342	GTG	TGA	0	0
mORF_-_533271	533271	533276	-	4	6	ATG	TGA	0	0
mORF_-_533286	533286	533309	-	4	24	ATG	TGA	0	0
mORF_-_533319	533319	533393	-	4	75	GTG	TAA	0	0
mORF_-_533400	533400	533438	-	4	39	ATG	TAG	0	0
mORF_-_533438	533438	533503	-	6	66	TTG	TAA	0	0
mORF_-_533481	533481	533522	-	4	42	TTG	TGA	0	0
mORF_-_533531	533531	533578	-	6	48	ATG	TAA	0	0
mORF_-_533637	533637	533669	-	4	33	ATG	TGA	0	0
mORF_-_533688	533688	533693	-	4	6	TTG	TAG	0	0
mORF_-_533783	533783	533938	-	6	156	TTG	TAA	0	0
mORF_-_533806	533806	533811	-	5	6	TTG	TAA	0	0
mORF_-_533851	533851	534231	-	5	381	GTG	TAG	0	0
mORF_-_533925	533925	533957	-	4	33	ATG	TAA	0	0
mORF_-_533991	533991	534029	-	4	39	TTG	TGA	0	0
mORF_-_534036	534036	534281	-	4	246	TTG	TGA	0	0
mORF_-_534104	534104	534121	-	6	18	GTG	TAG	0	0
mORF_-_534303	534303	534380	-	4	78	TTG	TAA	0	0
mORF_-_534308	534308	534343	-	6	36	GTG	TGA	0	0
mORF_-_534325	534325	534372	-	5	48	GTG	TGA	0	0
mORF_-_534387	534387	534557	-	4	171	TTG	TGA	0	0
mORF_-_534505	534505	534543	-	5	39	ATG	TAA	0	0
mORF_-_534551	534551	534586	-	6	36	GTG	TGA	0	0
mORF_-_534579	534579	534602	-	4	24	ATG	TGA	0	0
mORF_-_534583	534583	534672	-	5	90	GTG	TGA	0	0
mORF_-_534606	534606	534638	-	4	33	TTG	TAG	0	0
mORF_-_534657	534657	534908	-	4	252	ATG	TAG	0	0
mORF_-_534760	534760	534912	-	5	153	GTG	TAA	0	0

mORF_-_534848	534848	534889	-	6	42	GTG	TGA	0	0
mORF_-_535050	535050	535112	-	4	63	TTG	TAG	0	0
mORF_-_535066	535066	535110	-	5	45	GTG	TAA	0	0
mORF_-_535114	535114	535290	-	5	177	GTG	TAA	0	0
mORF_-_535271	535271	535294	-	6	24	TTG	TGA	0	0
mORF_-_535314	535314	535448	-	4	135	TTG	TAA	0	0
mORF_-_535351	535351	535476	-	5	126	ATG	TAA	0	0
mORF_-_535458	535458	535469	-	4	12	ATG	TGA	0	0
mORF_-_535473	535473	535511	-	4	39	ATG	TGA	0	0
mORF_-_535498	535498	535665	-	5	168	TTG	TAA	0	0
mORF_-_535629	535629	535673	-	4	45	GTG	TAG	0	0
mORF_-_535720	535720	535731	-	5	12	TTG	TAG	0	0
mORF_-_535794	535794	535859	-	4	66	ATG	TAA	0	0
mORF_-_535831	535831	535884	-	5	54	TTG	TAA	0	0
mORF_-_535838	535838	535849	-	6	12	GTG	TAA	0	0
mORF_-_535881	535881	536006	-	4	126	GTG	TGA	0	0
mORF_-_535885	535885	535890	-	5	6	ATG	TAA	0	0
mORF_-_535892	535892	535930	-	6	39	GTG	TGA	0	0
mORF_-_535927	535927	536307	-	5	381	TTG	TGA	0	0
mORF_-_535940	535940	535975	-	6	36	ATG	TGA	0	0
mORF_-_535991	535991	536008	-	6	18	GTG	TAA	0	0
mORF_-_536010	536010	536093	-	4	84	ATG	TGA	0	0
mORF_-_536148	536148	536279	-	4	132	GTG	TAA	0	0
mORF_-_536276	536276	536323	-	6	48	TTG	TGA	0	0
mORF_-_536304	536304	536315	-	4	12	TTG	TGA	0	0
mORF_-_536325	536325	536345	-	4	21	TTG	TGA	0	0
mORF_-_536342	536342	536443	-	6	102	GTG	TGA	0	0
mORF_-_536440	536440	536541	-	5	102	TTG	TGA	0	0
mORF_-_536457	536457	536576	-	4	120	GTG	TGA	0	0
mORF_-_536525	536525	536572	-	6	48	TTG	TGA	0	0
mORF_-_536593	536593	536637	-	5	45	GTG	TAA	0	0
mORF_-_536597	536597	536614	-	6	18	TTG	TAA	0	0
mORF_-_536634	536634	536735	-	4	102	TTG	TGA	0	0
mORF_-_536662	536662	536697	-	5	36	TTG	TAA	0	0
mORF_-_536713	536713	536757	-	5	45	TTG	TGA	0	0
mORF_-_536794	536794	536808	-	5	15	ATG	TAA	0	0
mORF_-_536816	536816	536824	-	6	9	TTG	TAA	0	0
mORF_-_536827	536827	536865	-	5	39	ATG	TAA	0	0
mORF_-_536855	536855	536944	-	6	90	ATG	TAA	0	0
mORF_-_536875	536875	536886	-	5	12	TTG	TAG	0	0
mORF_-_536905	536905	536922	-	5	18	TTG	TAG	0	0
mORF_-_536959	536959	536979	-	5	21	ATG	TAA	0	0
mORF_-_536976	536976	536990	-	4	15	TTG	TGA	0	0
mORF_-_536991	536991	537134	-	4	144	ATG	TAA	0	0
mORF_-_537041	537041	537052	-	6	12	TTG	TAA	0	0
mORF_-_537071	537071	537169	-	6	99	GTG	TGA	0	0
mORF_-_537150	537150	537209	-	4	60	ATG	TAA	0	0
mORF_-_537184	537184	537225	-	5	42	TTG	TAA	0	0
mORF_-_537206	537206	537241	-	6	36	GTG	TGA	0	0
mORF_-_537228	537228	537428	-	4	201	ATG	TAA	0	0
mORF_-_537416	537416	537487	-	6	72	TTG	TAA	0	0
mORF_-_537466	537466	537648	-	5	183	TTG	TGA	0	0
mORF_-_537495	537495	537500	-	4	6	ATG	TAG	0	0
mORF_-_537554	537554	537598	-	6	45	ATG	TAA	0	0
mORF_-_537658	537658	537723	-	5	66	GTG	TAA	0	0
mORF_-_537759	537759	537827	-	4	69	GTG	TGA	0	0
mORF_-_537803	537803	537817	-	6	15	TTG	TAA	0	0
mORF_-_537845	537845	537886	-	6	42	TTG	TAA	0	0
mORF_-_537861	537861	537875	-	4	15	ATG	TGA	0	0
mORF_-_537952	537952	538062	-	5	111	TTG	TAA	0	0
mORF_-_537963	537963	537974	-	4	12	ATG	TGA	0	0
mORF_-_537975	537975	538028	-	4	54	ATG	TAA	0	0
mORF_-_538064	538064	538090	-	6	27	GTG	TAA	0	0

mORF_-_538107	538107	538130	-	4	24	GTG	TAA	0	0
mORF_-_538162	538162	538188	-	5	27	GTG	TAA	0	0
mORF_-_538185	538185	538232	-	4	48	ATG	TGA	0	0
mORF_-_538190	538190	538216	-	6	27	ATG	TAA	0	0
mORF_-_538229	538229	538273	-	6	45	TTG	TGA	0	0
mORF_-_538248	538248	538304	-	4	57	ATG	TAG	0	0
mORF_-_538258	538258	538296	-	5	39	TTG	TAA	0	0
mORF_-_538308	538308	538346	-	4	39	TTG	TAA	0	0
mORF_-_538355	538355	538402	-	6	48	GTG	TAA	0	0
mORF_-_538410	538410	538577	-	4	168	GTG	TAA	0	0
mORF_-_538465	538465	538491	-	5	27	TTG	TAG	0	0
mORF_-_538472	538472	538549	-	6	78	GTG	TGA	0	0
mORF_-_538498	538498	538614	-	5	117	TTG	TAA	0	0
mORF_-_538586	538586	538714	-	6	129	TTG	TAA	0	0
mORF_-_538648	538648	538683	-	5	36	TTG	TGA	0	0
mORF_-_538680	538680	539177	-	4	498	ATG	TGA	0	0
mORF_-_538720	538720	538734	-	5	15	GTG	TAG	0	0
mORF_-_538754	538754	538882	-	6	129	TTG	TAA	0	0
mORF_-_539023	539023	539040	-	5	18	TTG	TAA	0	0
mORF_-_539098	539098	539136	-	5	39	GTG	TGA	0	0
mORF_-_539155	539155	539235	-	5	81	GTG	TAA	0	0
mORF_-_539198	539198	539542	-	6	345	ATG	TGA	0	0
mORF_-_539232	539232	539387	-	4	156	TTG	TGA	0	0
mORF_-_539284	539284	539325	-	5	42	ATG	TAA	0	0
mORF_-_539353	539353	539445	-	5	93	TTG	TGA	0	0
mORF_-_539457	539457	539594	-	4	138	GTG	TAA	0	0
mORF_-_539558	539558	539647	-	6	90	ATG	TAG	0	0
mORF_-_539649	539649	539768	-	4	120	ATG	TAA	0	0
mORF_-_539666	539666	539674	-	6	9	ATG	TAA	0	0
mORF_-_539723	539723	539746	-	6	24	TTG	TGA	0	0
mORF_-_539776	539776	539796	-	5	21	TTG	TAA	0	0
mORF_-_539833	539833	539862	-	5	30	GTG	TGA	0	0
mORF_-_539882	539882	539986	-	6	105	ATG	TAG	0	0
mORF_-_539896	539896	539928	-	5	33	GTG	TGA	0	0
mORF_-_539946	539946	539954	-	4	9	GTG	TAG	0	0
mORF_-_539983	539983	540270	-	5	288	ATG	TGA	0	0
mORF_-_540042	540042	540071	-	4	30	GTG	TGA	0	0
mORF_-_540075	540075	540113	-	4	39	GTG	TGA	0	0
mORF_-_540144	540144	540170	-	4	27	GTG	TAA	0	0
mORF_-_540152	540152	540160	-	6	9	ATG	TAA	0	0
mORF_-_540296	540296	540463	-	6	168	GTG	TAA	0	0
mORF_-_540376	540376	540552	-	5	177	TTG	TAA	0	0
mORF_-_540556	540556	540576	-	5	21	GTG	TAG	0	0
mORF_-_540616	540616	540705	-	5	90	ATG	TAA	0	0
mORF_-_540645	540645	540701	-	4	57	ATG	TAA	0	0
mORF_-_540730	540730	540735	-	5	6	GTG	TAA	0	0
mORF_-_540751	540751	540843	-	5	93	ATG	TAA	0	0
mORF_-_540762	540762	540794	-	4	33	GTG	TAA	0	0
mORF_-_540853	540853	540915	-	5	63	TTG	TAA	0	0
mORF_-_540863	540863	540895	-	6	33	TTG	TAA	0	0
mORF_-_540903	540903	540995	-	4	93	ATG	TAA	0	0
mORF_-_540919	540919	541125	-	5	207	ATG	TAA	0	0
mORF_-_540965	540965	540985	-	6	21	TTG	TAA	0	0
mORF_-_541140	541140	541178	-	4	39	TTG	TAA	0	0
mORF_-_541216	541216	541290	-	5	75	ATG	TAG	0	0
mORF_-_541347	541347	541391	-	4	45	TTG	TAA	0	0
mORF_-_541460	541460	541495	-	6	36	ATG	TAA	0	0
mORF_-_541468	541468	541545	-	5	78	ATG	TGA	0	0
mORF_-_541497	541497	541754	-	4	258	TTG	TAA	0	0
mORF_-_541585	541585	541632	-	5	48	ATG	TGA	0	0
mORF_-_541613	541613	541792	-	6	180	TTG	TAA	0	0
mORF_-_541795	541795	542229	-	5	435	ATG	TAA	0	0
mORF_-_541808	541808	542113	-	6	306	GTG	TAA	0	0

mORF_-_541938	541938	541970	-	4	33	GTG	TGA	0	0	
mORF_-_542136	542136	542159	-	4	24	GTG	TGA	0	0	
mORF_-_542254	542254	542355	-	5	102	TTG	TAG	0	0	
mORF_-_542267	542267	542293	-	6	27	ATG	TAA	0	0	
mORF_-_542307	542307	542402	-	4	96	ATG	TGA	0	0	
mORF_-_542359	542359	542454	-	5	96	ATG	TAG	0	0	
mORF_-_542412	542412	542444	-	4	33	TTG	TAA	0	0	
mORF_-_542485	542485	543270	-	5	786	ATG	TAA	8	22	pORF_-_542485
mORF_-_542493	542493	542543	-	4	51	GTG	TAG	0	0	
mORF_-_542504	542504	542509	-	6	6	TTG	TAA	0	0	
mORF_-_542547	542547	542555	-	4	9	ATG	TAG	0	0	
mORF_-_542604	542604	542714	-	4	111	TTG	TGA	0	0	
mORF_-_542733	542733	542741	-	4	9	TTG	TGA	0	0	
mORF_-_542745	542745	542846	-	4	102	ATG	TAG	0	0	
mORF_-_542792	542792	542839	-	6	48	GTG	TGA	0	0	
mORF_-_542853	542853	542915	-	4	63	TTG	TAG	0	0	
mORF_-_542909	542909	542941	-	6	33	TTG	TAA	0	0	
mORF_-_542922	542922	542954	-	4	33	GTG	TAA	0	0	
mORF_-_542961	542961	542969	-	4	9	TTG	TAA	0	0	
mORF_-_543009	543009	543146	-	4	138	TTG	TGA	0	0	
mORF_-_543134	543134	543139	-	6	6	TTG	TGA	0	0	
mORF_-_543165	543165	543176	-	4	12	ATG	TAA	0	0	
mORF_-_543183	543183	543218	-	4	36	GTG	TAA	0	0	
mORF_-_543271	543271	543339	-	5	69	TTG	TAA	0	0	
mORF_-_543281	543281	544534	-	6	1254	TTG	TAA	0	0	
mORF_-_543403	543403	543456	-	5	54	GTG	TGA	0	0	
mORF_-_543475	543475	543492	-	5	18	GTG	TGA	0	0	
mORF_-_543489	543489	543494	-	4	6	GTG	TGA	0	0	
mORF_-_543522	543522	543554	-	4	33	ATG	TAA	0	0	
mORF_-_543526	543526	543585	-	5	60	ATG	TGA	0	0	
mORF_-_543582	543582	543659	-	4	78	TTG	TGA	0	0	
mORF_-_543610	543610	543693	-	5	84	ATG	TAG	0	0	
mORF_-_543678	543678	543782	-	4	105	TTG	TAA	0	0	
mORF_-_543715	543715	543726	-	5	12	TTG	TAG	0	0	
mORF_-_543730	543730	543840	-	5	111	ATG	TGA	0	0	
mORF_-_543862	543862	543894	-	5	33	ATG	TAA	0	0	
mORF_-_543895	543895	543960	-	5	66	TTG	TGA	0	0	
mORF_-_543966	543966	544016	-	4	51	TTG	TAA	0	0	
mORF_-_544021	544021	544119	-	5	99	ATG	TGA	0	0	
mORF_-_544195	544195	544245	-	5	51	TTG	TGA	0	0	
mORF_-_544203	544203	544217	-	4	15	GTG	TGA	0	0	
mORF_-_544285	544285	544317	-	5	33	ATG	TGA	0	0	
mORF_-_544318	544318	544347	-	5	30	ATG	TGA	0	0	
mORF_-_544386	544386	544412	-	4	27	ATG	TAA	0	0	
mORF_-_544435	544435	544461	-	5	27	TTG	TGA	0	0	
mORF_-_544531	544531	544548	-	5	18	TTG	TGA	0	0	
mORF_-_544538	544538	545587	-	6	1050	ATG	TAA	0	0	
mORF_-_544594	544594	544716	-	5	123	ATG	TAA	0	0	
mORF_-_544789	544789	544893	-	5	105	TTG	TAG	0	0	
mORF_-_544903	544903	545520	-	5	618	GTG	TGA	0	0	
mORF_-_545013	545013	545045	-	4	33	ATG	TAA	0	0	
mORF_-_545118	545118	545366	-	4	249	GTG	TAA	0	0	
mORF_-_545524	545524	545553	-	5	30	TTG	TAA	0	0	
mORF_-_545550	545550	545627	-	4	78	TTG	TGA	0	0	
mORF_-_545584	545584	545634	-	5	51	ATG	TGA	0	0	
mORF_-_545653	545653	545673	-	5	21	TTG	TAA	0	0	
mORF_-_545684	545684	545710	-	6	27	GTG	TAA	0	0	
mORF_-_545725	545725	545736	-	5	12	TTG	TAA	0	0	
mORF_-_545772	545772	545816	-	4	45	GTG	TAA	0	0	
mORF_-_545818	545818	545853	-	5	36	GTG	TAA	0	0	
mORF_-_545832	545832	545912	-	4	81	GTG	TGA	0	0	
mORF_-_545855	545855	545887	-	6	33	TTG	TAA	0	0	
mORF_-_545936	545936	546082	-	6	147	GTG	TGA	0	0	

mORF_-_545959	545959	545967	-	5	9	GTG	TAA	0	0	
mORF_-_546039	546039	546062	-	4	24	ATG	TAA	0	0	
mORF_-_546070	546070	546105	-	5	36	TTG	TAA	0	0	
mORF_-_546145	546145	546306	-	5	162	TTG	TAA	0	0	
mORF_-_546168	546168	546176	-	4	9	TTG	TAG	0	0	
mORF_-_546239	546239	546499	-	6	261	ATG	TGA	0	0	
mORF_-_546273	546273	546569	-	4	297	GTG	TGA	0	0	
mORF_-_546379	546379	546453	-	5	75	GTG	TAA	0	0	
mORF_-_546566	546566	546742	-	6	177	TTG	TGA	0	0	
mORF_-_546643	546643	546690	-	5	48	GTG	TGA	0	0	
mORF_-_546718	546718	546852	-	5	135	GTG	TAA	0	0	
mORF_-_546767	546767	546859	-	6	93	GTG	TAA	0	0	
mORF_-_546856	546856	546876	-	5	21	TTG	TGA	0	0	
mORF_-_546948	546948	547070	-	4	123	ATG	TAA	0	0	
mORF_-_546989	546989	547000	-	6	12	ATG	TGA	0	0	
mORF_-_547027	547027	547086	-	5	60	TTG	TAA	0	0	
mORF_-_547049	547049	547096	-	6	48	TTG	TAG	0	0	
mORF_-_547101	547101	547211	-	4	111	TTG	TAA	0	0	
mORF_-_547120	547120	547422	-	5	303	ATG	TAG	0	0	
mORF_-_547230	547230	547304	-	4	75	TTG	TAA	0	0	
mORF_-_547238	547238	547360	-	6	123	GTG	TGA	0	0	
mORF_-_547377	547377	547412	-	4	36	GTG	TAA	0	0	
mORF_-_547382	547382	547492	-	6	111	TTG	TGA	0	0	
mORF_-_547476	547476	547511	-	4	36	TTG	TAG	0	0	
mORF_-_547505	547505	547699	-	6	195	TTG	TAA	0	0	
mORF_-_547554	547554	547568	-	4	15	TTG	TAA	0	0	
mORF_-_547585	547585	547590	-	5	6	ATG	TAA	0	0	
mORF_-_547590	547590	547661	-	4	72	TTG	TGA	0	0	
mORF_-_547615	547615	547674	-	5	60	GTG	TAA	0	0	
mORF_-_547678	547678	547848	-	5	171	ATG	TGA	0	0	
mORF_-_547686	547686	547712	-	4	27	GTG	TAG	0	0	
mORF_-_547709	547709	548023	-	6	315	ATG	TGA	0	0	
mORF_-_547845	547845	547880	-	4	36	TTG	TGA	0	0	
mORF_-_547855	547855	547977	-	5	123	TTG	TGA	0	0	
mORF_-_547996	547996	548118	-	5	123	ATG	TAA	0	0	
mORF_-_548054	548054	548143	-	6	90	TTG	TAA	0	0	
mORF_-_548118	548118	548189	-	4	72	GTG	TAA	0	0	
mORF_-_548140	548140	548148	-	5	9	TTG	TGA	0	0	
mORF_-_548168	548168	548860	-	6	693	ATG	TAA	1	15	pORF_-_548168
mORF_-_548206	548206	548223	-	5	18	ATG	TGA	0	0	
mORF_-_548257	548257	548271	-	5	15	TTG	TGA	0	0	
mORF_-_548284	548284	548568	-	5	285	ATG	TAA	0	0	
mORF_-_548337	548337	548345	-	4	9	TTG	TGA	0	0	
mORF_-_548490	548490	548642	-	4	153	TTG	TAA	0	0	
mORF_-_548608	548608	548622	-	5	15	TTG	TAA	0	0	
mORF_-_548653	548653	548850	-	5	198	TTG	TGA	0	0	
mORF_-_548703	548703	548711	-	4	9	GTG	TAA	0	0	
mORF_-_548715	548715	548864	-	4	150	ATG	TGA	0	0	
mORF_-_548857	548857	548889	-	5	33	GTG	TGA	0	0	
mORF_-_548938	548938	549072	-	5	135	GTG	TAA	0	0	
mORF_-_548967	548967	549029	-	4	63	TTG	TAA	0	0	
mORF_-_548981	548981	549061	-	6	81	TTG	TGA	0	0	
mORF_-_549051	549051	549191	-	4	141	TTG	TAA	0	0	
mORF_-_549083	549083	549109	-	6	27	GTG	TGA	0	0	
mORF_-_549112	549112	549123	-	5	12	GTG	TAA	0	0	
mORF_-_549145	549145	549237	-	5	93	TTG	TAA	0	0	
mORF_-_549258	549258	549320	-	4	63	GTG	TAA	0	0	
mORF_-_549281	549281	549295	-	6	15	TTG	TGA	0	0	
mORF_-_549342	549342	549356	-	4	15	ATG	TAA	0	0	
mORF_-_549353	549353	549364	-	6	12	GTG	TGA	0	0	
mORF_-_549395	549395	549466	-	6	72	GTG	TAA	0	0	
mORF_-_549405	549405	549455	-	4	51	TTG	TAA	0	0	
mORF_-_549478	549478	549693	-	5	216	TTG	TGA	0	0	

mORF_-_549486	549486	549599	-	4	114	ATG	TAA	0	0	
mORF_-_549603	549603	549644	-	4	42	TTG	TGA	0	0	
mORF_-_549648	549648	549944	-	4	297	GTG	TAA	0	0	
mORF_-_549698	549698	550384	-	6	687	ATG	TAA	0	0	
mORF_-_549733	549733	549744	-	5	12	TTG	TGA	0	0	
mORF_-_549805	549805	549813	-	5	9	TTG	TGA	0	0	
mORF_-_549916	549916	549984	-	5	69	ATG	TAG	0	0	
mORF_-_550029	550029	550067	-	4	39	GTG	TAA	0	0	
mORF_-_550078	550078	550416	-	5	339	TTG	TAA	0	0	
mORF_-_550323	550323	550409	-	4	87	ATG	TGA	0	0	
mORF_-_550459	550459	550746	-	5	288	GTG	TAA	0	0	
mORF_-_550464	550464	550643	-	4	180	GTG	TGA	0	0	
mORF_-_550610	550610	550669	-	6	60	ATG	TAG	0	0	
mORF_-_550680	550680	550685	-	4	6	TTG	TAG	0	0	
mORF_-_550718	550718	550735	-	6	18	TTG	TAA	0	0	
mORF_-_550750	550750	551817	-	5	1068	ATG	TAA	26	81	pORF_-_550750
mORF_-_550760	550760	550774	-	6	15	TTG	TAA	0	0	
mORF_-_550776	550776	550790	-	4	15	ATG	TGA	0	0	
mORF_-_550932	550932	550943	-	4	12	ATG	TGA	0	0	
mORF_-_550947	550947	550961	-	4	15	TTG	TGA	0	0	
mORF_-_550989	550989	551093	-	4	105	GTG	TGA	0	0	
mORF_-_551084	551084	551140	-	6	57	GTG	TAA	0	0	
mORF_-_551112	551112	551135	-	4	24	TTG	TGA	0	0	
mORF_-_551151	551151	551162	-	4	12	ATG	TGA	0	0	
mORF_-_551280	551280	551477	-	4	198	GTG	TGA	0	0	
mORF_-_551348	551348	551383	-	6	36	GTG	TAA	0	0	
mORF_-_551405	551405	551425	-	6	21	ATG	TGA	0	0	
mORF_-_551478	551478	551519	-	4	42	TTG	TAG	0	0	
mORF_-_551486	551486	551530	-	6	45	GTG	TGA	0	0	
mORF_-_551574	551574	551603	-	4	30	ATG	TGA	0	0	
mORF_-_551610	551610	551615	-	4	6	TTG	TGA	0	0	
mORF_-_551682	551682	551744	-	4	63	TTG	TGA	0	0	
mORF_-_551792	551792	551878	-	6	87	ATG	TAA	0	0	
mORF_-_551814	551814	552350	-	4	537	TTG	TGA	26	659	pORF_-_551814
mORF_-_551879	551879	552025	-	6	147	GTG	TGA	0	0	
mORF_-_552029	552029	552085	-	6	57	TTG	TGA	0	0	
mORF_-_552086	552086	552124	-	6	39	TTG	TGA	0	0	
mORF_-_552128	552128	552223	-	6	96	ATG	TGA	0	0	
mORF_-_552284	552284	552298	-	6	15	GTG	TGA	0	0	
mORF_-_552307	552307	552348	-	5	42	GTG	TAA	0	0	
mORF_-_552329	552329	552427	-	6	99	TTG	TAA	0	0	
mORF_-_552360	552360	552395	-	4	36	TTG	TAA	0	0	
mORF_-_552441	552441	553163	-	4	723	GTG	TAA	0	0	
mORF_-_552458	552458	552472	-	6	15	ATG	TGA	0	0	
mORF_-_552485	552485	552559	-	6	75	ATG	TGA	0	0	
mORF_-_552556	552556	552597	-	5	42	ATG	TGA	0	0	
mORF_-_552590	552590	552823	-	6	234	ATG	TGA	0	0	
mORF_-_552799	552799	552810	-	5	12	GTG	TGA	0	0	
mORF_-_552830	552830	552847	-	6	18	ATG	TGA	0	0	
mORF_-_552881	552881	553048	-	6	168	TTG	TGA	0	0	
mORF_-_552922	552922	553029	-	5	108	ATG	TGA	0	0	
mORF_-_553085	553085	553147	-	6	63	TTG	TAG	0	0	
mORF_-_553166	553166	553660	-	6	495	ATG	TAA	49	1163	pORF_-_553166
mORF_-_553180	553180	553248	-	5	69	GTG	TGA	0	0	
mORF_-_553261	553261	553293	-	5	33	TTG	TAG	0	0	
mORF_-_553287	553287	553310	-	4	24	TTG	TGA	0	0	
mORF_-_553336	553336	553422	-	5	87	GTG	TGA	0	0	
mORF_-_553483	553483	553497	-	5	15	TTG	TGA	0	0	
mORF_-_553513	553513	553668	-	5	156	ATG	TGA	0	0	
mORF_-_553611	553611	553757	-	4	147	TTG	TGA	0	0	
mORF_-_553706	553706	553813	-	6	108	GTG	TGA	0	0	
mORF_-_553723	553723	553731	-	5	9	ATG	TAA	0	0	
mORF_-_553789	553789	553803	-	5	15	TTG	TAA	0	0	

mORF_-_553800	553800	553811	-	4	12	GTG	TGA	0	0	
mORF_-_553804	553804	553815	-	5	12	ATG	TAA	0	0	
mORF_-_553818	553818	553850	-	4	33	TTG	TAG	0	0	
mORF_-_553837	553837	554505	-	5	669	GTG	TAG	0	0	
mORF_-_553847	553847	553861	-	6	15	GTG	TGA	0	0	
mORF_-_553887	553887	553925	-	4	39	GTG	TGA	0	0	
mORF_-_554007	554007	554225	-	4	219	TTG	TAG	1	3	pORF_-_554007
mORF_-_554204	554204	554467	-	6	264	TTG	TGA	0	0	
mORF_-_554235	554235	554249	-	4	15	TTG	TAA	0	0	
mORF_-_554304	554304	554561	-	4	258	GTG	TGA	0	0	
mORF_-_554515	554515	555042	-	5	528	TTG	TGA	0	0	
mORF_-_554589	554589	554639	-	4	51	TTG	TAG	0	0	
mORF_-_554790	554790	554888	-	4	99	GTG	TAG	0	0	
mORF_-_554882	554882	554977	-	6	96	ATG	TGA	0	0	
mORF_-_555088	555088	555312	-	5	225	GTG	TAA	0	0	
mORF_-_555093	555093	555203	-	4	111	GTG	TGA	0	0	
mORF_-_555158	555158	555250	-	6	93	ATG	TAA	0	0	
mORF_-_555255	555255	555776	-	4	522	ATG	TAA	0	0	
mORF_-_555329	555329	555370	-	6	42	TTG	TGA	0	0	
mORF_-_555386	555386	555439	-	6	54	TTG	TGA	0	0	
mORF_-_555412	555412	555429	-	5	18	GTG	TGA	0	0	
mORF_-_555445	555445	555558	-	5	114	ATG	TAA	0	0	
mORF_-_555518	555518	555691	-	6	174	TTG	TGA	0	0	
mORF_-_555640	555640	555915	-	5	276	TTG	TAA	1	26	pORF_-_555640
mORF_-_555728	555728	555793	-	6	66	TTG	TAG	0	0	
mORF_-_555884	555884	556150	-	6	267	TTG	TGA	5	10	pORF_-_555884
mORF_-_555919	555919	555969	-	5	51	GTG	TGA	0	0	
mORF_-_555960	555960	556055	-	4	96	GTG	TGA	0	0	
mORF_-_555979	555979	555996	-	5	18	TTG	TGA	0	0	
mORF_-_556042	556042	556062	-	5	21	TTG	TGA	0	0	
mORF_-_556098	556098	556964	-	4	867	ATG	TAA	38	729	pORF_-_556098
mORF_-_556123	556123	556131	-	5	9	GTG	TGA	0	0	
mORF_-_556151	556151	556162	-	6	12	TTG	TGA	0	0	
mORF_-_556166	556166	556282	-	6	117	TTG	TGA	0	0	
mORF_-_556283	556283	556342	-	6	60	TTG	TGA	0	0	
mORF_-_556346	556346	556360	-	6	15	ATG	TGA	0	0	
mORF_-_556384	556384	556416	-	5	33	TTG	TAA	0	0	
mORF_-_556439	556439	556471	-	6	33	TTG	TGA	0	0	
mORF_-_556472	556472	556705	-	6	234	ATG	TGA	0	0	
mORF_-_556513	556513	556572	-	5	60	GTG	TGA	0	0	
mORF_-_556706	556706	556948	-	6	243	TTG	TGA	0	0	
mORF_-_556789	556789	556794	-	5	6	TTG	TGA	0	0	
mORF_-_556964	556964	556981	-	6	18	ATG	TGA	0	0	
mORF_-_557054	557054	557116	-	6	63	ATG	TAA	0	0	
mORF_-_557113	557113	557127	-	5	15	ATG	TGA	0	0	
mORF_-_557183	557183	557200	-	6	18	TTG	TAA	0	0	
mORF_-_557228	557228	557281	-	6	54	ATG	TAA	0	0	
mORF_-_557282	557282	557317	-	6	36	ATG	TAG	0	0	
mORF_-_557302	557302	557325	-	5	24	TTG	TAA	0	0	
mORF_-_557326	557326	557334	-	5	9	ATG	TAA	0	0	
mORF_-_557448	557448	557474	-	4	27	GTG	TAA	0	0	
mORF_-_557474	557474	557527	-	6	54	GTG	TAG	0	0	
mORF_-_557484	557484	557522	-	4	39	TTG	TAG	0	0	
mORF_-_557524	557524	557592	-	5	69	GTG	TGA	0	0	
mORF_-_557558	557558	557602	-	6	45	TTG	TGA	0	0	
mORF_-_557589	557589	557594	-	4	6	GTG	TGA	0	0	
mORF_-_557599	557599	557661	-	5	63	ATG	TGA	0	0	
mORF_-_557619	557619	557654	-	4	36	ATG	TGA	0	0	
mORF_-_557694	557694	557732	-	4	39	TTG	TAG	0	0	
mORF_-_557719	557719	557880	-	5	162	TTG	TGA	0	0	
mORF_-_557733	557733	557822	-	4	90	TTG	TGA	0	0	
mORF_-_557826	557826	557942	-	4	117	TTG	TGA	0	0	
mORF_-_557849	557849	557890	-	6	42	ATG	TGA	0	0	

mORF_-_557902	557902	558009	-	5	108	GTG	TAA	0	0
mORF_-_557927	557927	557938	-	6	12	TTG	TGA	0	0
mORF_-_557961	557961	557987	-	4	27	GTG	TAA	0	0
mORF_-_557999	557999	558058	-	6	60	TTG	TAA	0	0
mORF_-_558006	558006	558080	-	4	75	GTG	TGA	0	0
mORF_-_558013	558013	558090	-	5	78	ATG	TAA	0	0
mORF_-_558077	558077	558184	-	6	108	TTG	TGA	0	0
mORF_-_558100	558100	558141	-	5	42	TTG	TAA	0	0
mORF_-_558142	558142	558228	-	5	87	ATG	TGA	0	0
mORF_-_558171	558171	558182	-	4	12	GTG	TGA	0	0
mORF_-_558235	558235	558291	-	5	57	GTG	TAA	0	0
mORF_-_558239	558239	558262	-	6	24	ATG	TAA	0	0
mORF_-_558243	558243	558281	-	4	39	ATG	TGA	0	0
mORF_-_558281	558281	558349	-	6	69	ATG	TAA	0	0
mORF_-_558301	558301	558450	-	5	150	TTG	TAA	0	0
mORF_-_558369	558369	558413	-	4	45	ATG	TGA	0	0
mORF_-_558410	558410	558583	-	6	174	TTG	TGA	0	0
mORF_-_558420	558420	558431	-	4	12	GTG	TAA	0	0
mORF_-_558471	558471	558488	-	4	18	GTG	TAA	0	0
mORF_-_558475	558475	558603	-	5	129	ATG	TAA	0	0
mORF_-_558528	558528	558662	-	4	135	GTG	TAA	0	0
mORF_-_558608	558608	558628	-	6	21	TTG	TAA	0	0
mORF_-_558625	558625	558666	-	5	42	TTG	TGA	0	0
mORF_-_558629	558629	558634	-	6	6	TTG	TAA	0	0
mORF_-_558638	558638	558700	-	6	63	ATG	TAA	0	0
mORF_-_558685	558685	558693	-	5	9	TTG	TAG	0	0
mORF_-_558690	558690	558710	-	4	21	GTG	TGA	0	0
mORF_-_558715	558715	558723	-	5	9	GTG	TAA	0	0
mORF_-_558734	558734	558751	-	6	18	TTG	TAA	0	0
mORF_-_558765	558765	558776	-	4	12	GTG	TAG	0	0
mORF_-_558783	558783	558791	-	4	9	GTG	TAA	0	0
mORF_-_558788	558788	558793	-	6	6	TTG	TGA	0	0
mORF_-_558867	558867	558905	-	4	39	TTG	TGA	0	0
mORF_-_558881	558881	558898	-	6	18	ATG	TAA	0	0
mORF_-_558895	558895	558933	-	5	39	GTG	TGA	0	0
mORF_-_558936	558936	558989	-	4	54	ATG	TAG	0	0
mORF_-_558982	558982	558999	-	5	18	ATG	TAA	0	0
mORF_-_559030	559030	559065	-	5	36	GTG	TAA	0	0
mORF_-_559035	559035	559067	-	4	33	ATG	TGA	0	0
mORF_-_559079	559079	559108	-	6	30	TTG	TAA	0	0
mORF_-_559105	559105	559380	-	5	276	GTG	TGA	0	0
mORF_-_559152	559152	559187	-	4	36	TTG	TGA	0	0
mORF_-_559260	559260	559274	-	4	15	ATG	TAA	0	0
mORF_-_559283	559283	559297	-	6	15	TTG	TAA	0	0
mORF_-_559311	559311	559343	-	4	33	TTG	TGA	0	0
mORF_-_559316	559316	559414	-	6	99	GTG	TAA	0	0
mORF_-_559417	559417	559422	-	5	6	ATG	TAA	0	0
mORF_-_559468	559468	559479	-	5	12	GTG	TAA	0	0
mORF_-_559507	559507	559563	-	5	57	TTG	TAG	0	0
mORF_-_559553	559553	559600	-	6	48	ATG	TAA	0	0
mORF_-_559597	559597	559683	-	5	87	TTG	TGA	0	0
mORF_-_559601	559601	559768	-	6	168	TTG	TGA	0	0
mORF_-_559644	559644	559781	-	4	138	TTG	TAA	0	0
mORF_-_559814	559814	559891	-	6	78	GTG	TAG	0	0
mORF_-_559852	559852	559944	-	5	93	TTG	TAG	0	0
mORF_-_559878	559878	559904	-	4	27	TTG	TAA	0	0
mORF_-_559920	559920	559982	-	4	63	TTG	TGA	0	0
mORF_-_559954	559954	560007	-	5	54	TTG	TAA	0	0
mORF_-_559985	559985	560053	-	6	69	TTG	TAA	0	0
mORF_-_560004	560004	560099	-	4	96	GTG	TGA	0	0
mORF_-_560093	560093	560128	-	6	36	TTG	TAA	0	0
mORF_-_560113	560113	560139	-	5	27	TTG	TAG	0	0
mORF_-_560140	560140	560172	-	5	33	TTG	TAA	0	0

mORF_-_560156	560156	560212	-	6	57	ATG	TAA	0	0
mORF_-_560225	560225	560245	-	6	21	ATG	TAA	0	0
mORF_-_560256	560256	560333	-	4	78	GTG	TAG	0	0
mORF_-_560269	560269	560301	-	5	33	TTG	TAG	0	0
mORF_-_560309	560309	560437	-	6	129	GTG	TAA	0	0
mORF_-_560431	560431	560439	-	5	9	TTG	TAA	0	0
mORF_-_560448	560448	560489	-	4	42	GTG	TAA	0	0
mORF_-_560480	560480	560485	-	6	6	TTG	TGA	0	0
mORF_-_560486	560486	560530	-	6	45	TTG	TGA	0	0
mORF_-_560566	560566	560598	-	5	33	ATG	TGA	0	0
mORF_-_560598	560598	560615	-	4	18	ATG	TGA	0	0
mORF_-_560602	560602	560700	-	5	99	TTG	TAA	0	0
mORF_-_560675	560675	560776	-	6	102	TTG	TGA	0	0
mORF_-_560707	560707	560712	-	5	6	GTG	TAG	0	0
mORF_-_560737	560737	560823	-	5	87	TTG	TAA	0	0
mORF_-_560748	560748	560888	-	4	141	TTG	TAA	0	0
mORF_-_560807	560807	560986	-	6	180	ATG	TAA	0	0
mORF_-_560833	560833	560883	-	5	51	GTG	TGA	0	0
mORF_-_560941	560941	561066	-	5	126	ATG	TGA	0	0
mORF_-_561014	561014	561076	-	6	63	TTG	TAA	0	0
mORF_-_561073	561073	561084	-	5	12	ATG	TGA	0	0
mORF_-_561086	561086	561220	-	6	135	TTG	TAA	0	0
mORF_-_561103	561103	561126	-	5	24	GTG	TAG	0	0
mORF_-_561130	561130	561273	-	5	144	ATG	TAA	0	0
mORF_-_561279	561279	561434	-	4	156	GTG	TAA	0	0
mORF_-_561311	561311	561367	-	6	57	TTG	TGA	0	0
mORF_-_561409	561409	561441	-	5	33	ATG	TGA	0	0
mORF_-_561431	561431	561466	-	6	36	TTG	TGA	0	0
mORF_-_561448	561448	561507	-	5	60	GTG	TAG	0	0
mORF_-_561470	561470	561511	-	6	42	ATG	TAA	0	0
mORF_-_561489	561489	561590	-	4	102	ATG	TAA	0	0
mORF_-_561533	561533	561586	-	6	54	TTG	TGA	0	0
mORF_-_561556	561556	561642	-	5	87	GTG	TAA	0	0
mORF_-_561599	561599	561655	-	6	57	TTG	TAG	0	0
mORF_-_561642	561642	561674	-	4	33	TTG	TAG	0	0
mORF_-_561662	561662	561769	-	6	108	ATG	TAA	0	0
mORF_-_561730	561730	561831	-	5	102	TTG	TGA	0	0
mORF_-_561777	561777	561788	-	4	12	TTG	TAA	0	0
mORF_-_561832	561832	561837	-	5	6	ATG	TAA	0	0
mORF_-_561847	561847	561939	-	5	93	TTG	TAA	0	0
mORF_-_561903	561903	562010	-	4	108	ATG	TAA	0	0
mORF_-_561926	561926	561949	-	6	24	ATG	TAG	0	0
mORF_-_562037	562037	562057	-	6	21	TTG	TAA	0	0
mORF_-_562054	562054	562125	-	5	72	TTG	TGA	0	0
mORF_-_562076	562076	562081	-	6	6	GTG	TAA	0	0
mORF_-_562086	562086	562256	-	4	171	TTG	TAA	0	0
mORF_-_562094	562094	562183	-	6	90	ATG	TAA	0	0
mORF_-_562186	562186	562236	-	5	51	TTG	TAA	0	0
mORF_-_562253	562253	562291	-	6	39	TTG	TGA	0	0
mORF_-_562320	562320	562340	-	4	21	TTG	TGA	0	0
mORF_-_562348	562348	562485	-	5	138	TTG	TAA	0	0
mORF_-_562368	562368	562451	-	4	84	GTG	TGA	0	0
mORF_-_562448	562448	562453	-	6	6	GTG	TGA	0	0
mORF_-_562522	562522	562992	-	5	471	TTG	TAA	0	0
mORF_-_562622	562622	562648	-	6	27	GTG	TAA	0	0
mORF_-_562709	562709	562732	-	6	24	TTG	TAA	0	0
mORF_-_562722	562722	562760	-	4	39	GTG	TAG	0	0
mORF_-_562814	562814	562879	-	6	66	TTG	TAA	0	0
mORF_-_562818	562818	562961	-	4	144	TTG	TAA	0	0
mORF_-_562971	562971	562976	-	4	6	GTG	TGA	0	0
mORF_-_562993	562993	563058	-	5	66	TTG	TAA	0	0
mORF_-_563071	563071	563766	-	5	696	ATG	TAA	0	0
mORF_-_563109	563109	563114	-	4	6	TTG	TAG	0	0

mORF_-_563127	563127	563195	-	4	69	TTG	TAG	0	0	
mORF_-_563238	563238	563246	-	4	9	GTG	TGA	0	0	
mORF_-_563282	563282	563287	-	6	6	ATG	TAG	0	0	
mORF_-_563346	563346	563432	-	4	87	ATG	TGA	0	0	
mORF_-_563378	563378	563386	-	6	9	ATG	TGA	0	0	
mORF_-_563402	563402	563440	-	6	39	ATG	TAA	0	0	
mORF_-_563547	563547	563555	-	4	9	TTG	TAA	0	0	
mORF_-_563583	563583	563597	-	4	15	ATG	TAA	0	0	
mORF_-_563604	563604	563648	-	4	45	TTG	TGA	0	0	
mORF_-_563843	563843	563887	-	6	45	ATG	TGA	0	0	
mORF_-_563857	563857	563898	-	5	42	TTG	TGA	0	0	
mORF_-_563892	563892	563933	-	4	42	ATG	TGA	0	0	
mORF_-_563915	563915	563944	-	6	30	TTG	TGA	0	0	
mORF_-_563923	563923	563928	-	5	6	GTG	TAA	0	0	
mORF_-_563941	563941	564033	-	5	93	TTG	TGA	0	0	
mORF_-_563952	563952	564023	-	4	72	ATG	TAA	0	0	
mORF_-_564023	564023	564028	-	6	6	TTG	TAA	0	0	
mORF_-_564038	564038	565201	-	6	1164	ATG	TAA	2	0	pORF_-_564038
mORF_-_564049	564049	564099	-	5	51	TTG	TAA	0	0	
mORF_-_564109	564109	564123	-	5	15	ATG	TAG	0	0	
mORF_-_564130	564130	564156	-	5	27	ATG	TGA	0	0	
mORF_-_564159	564159	564185	-	4	27	ATG	TAG	0	0	
mORF_-_564229	564229	564390	-	5	162	TTG	TGA	0	0	
mORF_-_564276	564276	564308	-	4	33	ATG	TGA	0	0	
mORF_-_564369	564369	564398	-	4	30	ATG	TAA	0	0	
mORF_-_564412	564412	564423	-	5	12	GTG	TAG	0	0	
mORF_-_564432	564432	564611	-	4	180	GTG	TAA	0	0	
mORF_-_564448	564448	564462	-	5	15	TTG	TGA	0	0	
mORF_-_564493	564493	564504	-	5	12	TTG	TGA	0	0	
mORF_-_564559	564559	564579	-	5	21	TTG	TGA	0	0	
mORF_-_564595	564595	564729	-	5	135	GTG	TGA	0	0	
mORF_-_564615	564615	564707	-	4	93	GTG	TGA	0	0	
mORF_-_564745	564745	564795	-	5	51	ATG	TGA	0	0	
mORF_-_564810	564810	564848	-	4	39	ATG	TAA	0	0	
mORF_-_564922	564922	565002	-	5	81	TTG	TAA	0	0	
mORF_-_564999	564999	565007	-	4	9	ATG	TGA	0	0	
mORF_-_565009	565009	565035	-	5	27	ATG	TAA	0	0	
mORF_-_565057	565057	565236	-	5	180	GTG	TAG	0	0	
mORF_-_565134	565134	565175	-	4	42	ATG	TAA	0	0	
mORF_-_565215	565215	565226	-	4	12	GTG	TAA	0	0	
mORF_-_565223	565223	565330	-	6	108	ATG	TGA	0	0	
mORF_-_565233	565233	565271	-	4	39	TTG	TGA	0	0	
mORF_-_565305	565305	565436	-	4	132	TTG	TAA	0	0	
mORF_-_565321	565321	565584	-	5	264	ATG	TGA	0	0	
mORF_-_565437	565437	565460	-	4	24	GTG	TGA	0	0	
mORF_-_565464	565464	565499	-	4	36	ATG	TGA	0	0	
mORF_-_565475	565475	565516	-	6	42	GTG	TGA	0	0	
mORF_-_565551	565551	565568	-	4	18	GTG	TAA	0	0	
mORF_-_565581	565581	565667	-	4	87	ATG	TGA	0	0	
mORF_-_565667	565667	565948	-	6	282	ATG	TAA	0	0	
mORF_-_565728	565728	565811	-	4	84	TTG	TAA	0	0	
mORF_-_565819	565819	565848	-	5	30	GTG	TAA	0	0	
mORF_-_565836	565836	565925	-	4	90	TTG	TAG	0	0	
mORF_-_565879	565879	565917	-	5	39	TTG	TAG	0	0	
mORF_-_565926	565926	566015	-	4	90	TTG	TAA	0	0	
mORF_-_566005	566005	566025	-	5	21	GTG	TAA	0	0	
mORF_-_566030	566030	566083	-	6	54	TTG	TAG	0	0	
mORF_-_566050	566050	566064	-	5	15	GTG	TGA	0	0	
mORF_-_566061	566061	566153	-	4	93	ATG	TGA	0	0	
mORF_-_566080	566080	566109	-	5	30	ATG	TGA	0	0	
mORF_-_566180	566180	566197	-	6	18	GTG	TGA	0	0	
mORF_-_566194	566194	566328	-	5	135	TTG	TGA	0	0	
mORF_-_566202	566202	566207	-	4	6	TTG	TAG	0	0	

mORF_-_566229	566229	566504	-	4	276	GTG	TGA	0	0
mORF_-_566264	566264	566278	-	6	15	GTG	TAG	0	0
mORF_-_566318	566318	566341	-	6	24	ATG	TAG	0	0
mORF_-_566387	566387	566407	-	6	21	TTG	TGA	0	0
mORF_-_566404	566404	566472	-	5	69	TTG	TGA	0	0
mORF_-_566459	566459	566482	-	6	24	GTG	TGA	0	0
mORF_-_566530	566530	566562	-	5	33	GTG	TAA	0	0
mORF_-_566538	566538	566690	-	4	153	GTG	TGA	0	0
mORF_-_566599	566599	566649	-	5	51	TTG	TAA	0	0
mORF_-_566674	566674	566688	-	5	15	GTG	TGA	0	0
mORF_-_566729	566729	566863	-	6	135	ATG	TAA	0	0
mORF_-_566812	566812	566829	-	5	18	GTG	TGA	0	0
mORF_-_566836	566836	566859	-	5	24	GTG	TAA	0	0
mORF_-_566847	566847	566939	-	4	93	GTG	TGA	0	0
mORF_-_566929	566929	567021	-	5	93	TTG	TAA	0	0
mORF_-_566936	566936	566941	-	6	6	GTG	TGA	0	0
mORF_-_566964	566964	567239	-	4	276	ATG	TGA	0	0
mORF_-_567103	567103	567126	-	5	24	TTG	TGA	0	0
mORF_-_567152	567152	567214	-	6	63	TTG	TAA	0	0
mORF_-_567224	567224	567265	-	6	42	ATG	TAA	0	0
mORF_-_567241	567241	567258	-	5	18	TTG	TAA	0	0
mORF_-_567338	567338	567505	-	6	168	TTG	TAA	0	0
mORF_-_567394	567394	567465	-	5	72	GTG	TAA	0	0
mORF_-_567453	567453	567467	-	4	15	TTG	TGA	0	0
mORF_-_567536	567536	567568	-	6	33	TTG	TAG	0	0
mORF_-_567552	567552	567584	-	4	33	ATG	TAA	0	0
mORF_-_567581	567581	567592	-	6	12	TTG	TGA	0	0
mORF_-_567617	567617	567646	-	6	30	TTG	TAA	0	0
mORF_-_567647	567647	567667	-	6	21	ATG	TAA	0	0
mORF_-_567714	567714	567860	-	4	147	GTG	TAA	0	0
mORF_-_567749	567749	567763	-	6	15	ATG	TAA	0	0
mORF_-_567760	567760	567780	-	5	21	TTG	TGA	0	0
mORF_-_567839	567839	567865	-	6	27	GTG	TAA	0	0
mORF_-_567850	567850	567867	-	5	18	ATG	TGA	0	0
mORF_-_567958	567958	568071	-	5	114	TTG	TAA	0	0
mORF_-_568011	568011	568028	-	4	18	TTG	TAA	0	0
mORF_-_568053	568053	568088	-	4	36	GTG	TAA	0	0
mORF_-_568088	568088	568138	-	6	51	ATG	TAG	0	0
mORF_-_568095	568095	568106	-	4	12	ATG	TAA	0	0
mORF_-_568120	568120	568185	-	5	66	ATG	TGA	0	0
mORF_-_568204	568204	568281	-	5	78	ATG	TAA	0	0
mORF_-_568238	568238	568285	-	6	48	TTG	TAA	0	0
mORF_-_568272	568272	568301	-	4	30	TTG	TAA	0	0
mORF_-_568282	568282	568299	-	5	18	GTG	TGA	0	0
mORF_-_568323	568323	568340	-	4	18	ATG	TAA	0	0
mORF_-_568360	568360	568395	-	5	36	TTG	TAG	0	0
mORF_-_568392	568392	568445	-	4	54	GTG	TGA	0	0
mORF_-_568442	568442	568474	-	6	33	TTG	TGA	0	0
mORF_-_568456	568456	568515	-	5	60	ATG	TAA	0	0
mORF_-_568481	568481	568768	-	6	288	TTG	TAG	0	0
mORF_-_568515	568515	568541	-	4	27	TTG	TAA	0	0
mORF_-_568531	568531	568572	-	5	42	TTG	TAA	0	0
mORF_-_568579	568579	568614	-	5	36	GTG	TAA	0	0
mORF_-_568732	568732	568893	-	5	162	TTG	TGA	0	0
mORF_-_568773	568773	568784	-	4	12	ATG	TAA	0	0
mORF_-_568925	568925	568939	-	6	15	ATG	TAA	0	0
mORF_-_568936	568936	568983	-	5	48	GTG	TGA	0	0
mORF_-_568955	568955	569071	-	6	117	ATG	TAA	0	0
mORF_-_569028	569028	569102	-	4	75	ATG	TAG	0	0
mORF_-_569041	569041	569154	-	5	114	TTG	TAA	0	0
mORF_-_569130	569130	569135	-	4	6	ATG	TAA	0	0
mORF_-_569151	569151	569219	-	4	69	TTG	TGA	0	0
mORF_-_569174	569174	569212	-	6	39	TTG	TAA	0	0

mORF_-_569216	569216	569233	-	6	18	TTG	TGA	0	0
mORF_-_569287	569287	569307	-	5	21	ATG	TAA	0	0
mORF_-_569332	569332	569421	-	5	90	ATG	TAG	0	0
mORF_-_569437	569437	569496	-	5	60	ATG	TAG	0	0
mORF_-_569469	569469	569570	-	4	102	GTG	TAA	0	0
mORF_-_569486	569486	569509	-	6	24	ATG	TAG	0	0
mORF_-_569540	569540	569557	-	6	18	ATG	TAG	0	0
mORF_-_569570	569570	569620	-	6	51	TTG	TAG	0	0
mORF_-_569673	569673	569696	-	4	24	TTG	TAA	0	0
mORF_-_569724	569724	569753	-	4	30	GTG	TAA	0	0
mORF_-_569735	569735	569800	-	6	66	TTG	TAA	0	0
mORF_-_569793	569793	569810	-	4	18	ATG	TAG	0	0
mORF_-_569803	569803	569892	-	5	90	GTG	TAA	0	0
mORF_-_569814	569814	569843	-	4	30	TTG	TAA	0	0
mORF_-_569840	569840	569923	-	6	84	GTG	TGA	0	0
mORF_-_569910	569910	570080	-	4	171	TTG	TAA	0	0
mORF_-_570077	570077	570100	-	6	24	ATG	TGA	0	0
mORF_-_570097	570097	570153	-	5	57	ATG	TGA	0	0
mORF_-_570114	570114	570125	-	4	12	GTG	TAA	0	0
mORF_-_570126	570126	570149	-	4	24	ATG	TAA	0	0
mORF_-_570134	570134	570232	-	6	99	ATG	TGA	0	0
mORF_-_570150	570150	570179	-	4	30	ATG	TGA	0	0
mORF_-_570181	570181	570189	-	5	9	GTG	TGA	0	0
mORF_-_570219	570219	570344	-	4	126	GTG	TAA	0	0
mORF_-_570229	570229	570309	-	5	81	TTG	TGA	0	0
mORF_-_570278	570278	570529	-	6	252	ATG	TAA	0	0
mORF_-_570378	570378	570500	-	4	123	ATG	TAA	0	0
mORF_-_570507	570507	570524	-	4	18	GTG	TAG	0	0
mORF_-_570618	570618	570686	-	4	69	TTG	TAG	0	0
mORF_-_570701	570701	570817	-	6	117	ATG	TAA	0	0
mORF_-_570784	570784	570804	-	5	21	TTG	TGA	0	0
mORF_-_570801	570801	571070	-	4	270	TTG	TGA	0	0
mORF_-_570821	570821	570841	-	6	21	TTG	TAA	0	0
mORF_-_570919	570919	570930	-	5	12	ATG	TAA	0	0
mORF_-_570935	570935	570976	-	6	42	TTG	TAA	0	0
mORF_-_570973	570973	570987	-	5	15	TTG	TGA	0	0
mORF_-_571019	571019	571039	-	6	21	TTG	TAA	0	0
mORF_-_571067	571067	571087	-	6	21	GTG	TGA	0	0
mORF_-_571071	571071	571094	-	4	24	TTG	TAG	0	0
mORF_-_571112	571112	571135	-	6	24	ATG	TAA	0	0
mORF_-_571128	571128	571220	-	4	93	TTG	TAA	0	0
mORF_-_571145	571145	571159	-	6	15	TTG	TGA	0	0
mORF_-_571177	571177	571224	-	5	48	TTG	TAA	0	0
mORF_-_571240	571240	571245	-	5	6	ATG	TAG	0	0
mORF_-_571254	571254	571277	-	4	24	TTG	TAG	0	0
mORF_-_571259	571259	571264	-	6	6	ATG	TAA	0	0
mORF_-_571271	571271	571297	-	6	27	TTG	TAG	0	0
mORF_-_571319	571319	571495	-	6	177	TTG	TAA	0	0
mORF_-_571431	571431	571445	-	4	15	TTG	TAA	0	0
mORF_-_571498	571498	571527	-	5	30	GTG	TAG	0	0
mORF_-_571521	571521	571532	-	4	12	ATG	TGA	0	0
mORF_-_571535	571535	571543	-	6	9	GTG	TAA	0	0
mORF_-_571540	571540	571557	-	5	18	TTG	TGA	0	0
mORF_-_571575	571575	571649	-	4	75	TTG	TAG	0	0
mORF_-_571589	571589	571735	-	6	147	GTG	TAA	0	0
mORF_-_571624	571624	571659	-	5	36	ATG	TGA	0	0
mORF_-_571660	571660	571701	-	5	42	GTG	TAG	0	0
mORF_-_571698	571698	571703	-	4	6	TTG	TGA	0	0
mORF_-_571716	571716	571931	-	4	216	GTG	TAA	0	0
mORF_-_571760	571760	571933	-	6	174	GTG	TAA	0	0
mORF_-_571795	571795	571836	-	5	42	GTG	TAA	0	0
mORF_-_571924	571924	571935	-	5	12	ATG	TGA	0	0
mORF_-_571943	571943	572500	-	6	558	GTG	TAA	0	0

mORF_-_572001	572001	572087	-	4	87	GTG	TAA	0	0	
mORF_-_572092	572092	572181	-	5	90	ATG	TAG	0	0	
mORF_-_572148	572148	572153	-	4	6	GTG	TAG	0	0	
mORF_-_572166	572166	572504	-	4	339	ATG	TGA	1	4	pORF_-_572166
mORF_-_572305	572305	572559	-	5	255	GTG	TGA	0	0	
mORF_-_572602	572602	572634	-	5	33	TTG	TAG	0	0	
mORF_-_572610	572610	572615	-	4	6	ATG	TGA	0	0	
mORF_-_572615	572615	572818	-	6	204	TTG	TAA	0	0	
mORF_-_572644	572644	572841	-	5	198	GTG	TAA	0	0	
mORF_-_572673	572673	572693	-	4	21	ATG	TGA	0	0	
mORF_-_572718	572718	572729	-	4	12	TTG	TAA	0	0	
mORF_-_572748	572748	572837	-	4	90	GTG	TAG	0	0	
mORF_-_572881	572881	572991	-	5	111	GTG	TAA	0	0	
mORF_-_572966	572966	573112	-	6	147	TTG	TAA	0	0	
mORF_-_573010	573010	573108	-	5	99	TTG	TAA	0	0	
mORF_-_573060	573060	573068	-	4	9	TTG	TAA	0	0	
mORF_-_573113	573113	573235	-	6	123	ATG	TAG	0	0	
mORF_-_573232	573232	573369	-	5	138	TTG	TGA	0	0	
mORF_-_573282	573282	573290	-	4	9	TTG	TAA	0	0	
mORF_-_573287	573287	573382	-	6	96	GTG	TGA	0	0	
mORF_-_573333	573333	573419	-	4	87	ATG	TGA	0	0	
mORF_-_573400	573400	573423	-	5	24	ATG	TAA	0	0	
mORF_-_573420	573420	573515	-	4	96	ATG	TGA	0	0	
mORF_-_573425	573425	573442	-	6	18	ATG	TGA	0	0	
mORF_-_573457	573457	573492	-	5	36	ATG	TAA	0	0	
mORF_-_573559	573559	573570	-	5	12	TTG	TAA	0	0	
mORF_-_573578	573578	573616	-	6	39	TTG	TAG	0	0	
mORF_-_573645	573645	573662	-	4	18	TTG	TAA	0	0	
mORF_-_573653	573653	573733	-	6	81	ATG	TAA	0	0	
mORF_-_573673	573673	573699	-	5	27	GTG	TAG	0	0	
mORF_-_573772	573772	573789	-	5	18	ATG	TAG	0	0	
mORF_-_573796	573796	573801	-	5	6	GTG	TAA	0	0	
mORF_-_573810	573810	573860	-	4	51	ATG	TAA	0	0	
mORF_-_573857	573857	573865	-	6	9	ATG	TGA	0	0	
mORF_-_573862	573862	573873	-	5	12	ATG	TGA	0	0	
mORF_-_573915	573915	573938	-	4	24	ATG	TAG	0	0	
mORF_-_573919	573919	573978	-	5	60	GTG	TAA	0	0	
mORF_-_573960	573960	574976	-	4	1017	ATG	TAA	46	158	pORF_-_573960
mORF_-_574220	574220	574339	-	6	120	ATG	TGA	0	0	
mORF_-_574336	574336	574425	-	5	90	GTG	TGA	0	0	
mORF_-_574373	574373	574399	-	6	27	TTG	TGA	0	0	
mORF_-_574409	574409	574513	-	6	105	ATG	TGA	0	0	
mORF_-_574622	574622	574720	-	6	99	ATG	TGA	0	0	
mORF_-_574651	574651	574737	-	5	87	TTG	TAG	0	0	
mORF_-_574724	574724	574912	-	6	189	GTG	TGA	0	0	
mORF_-_574792	574792	574842	-	5	51	ATG	TAA	0	0	
mORF_-_574937	574937	574984	-	6	48	ATG	TGA	0	0	
mORF_-_574981	574981	576108	-	5	1128	ATG	TGA	10	0	pORF_-_574981
mORF_-_574986	574986	575090	-	4	105	GTG	TGA	0	0	
mORF_-_575091	575091	575102	-	4	12	ATG	TAG	0	0	
mORF_-_575096	575096	575128	-	6	33	ATG	TGA	0	0	
mORF_-_575109	575109	575249	-	4	141	TTG	TAG	0	0	
mORF_-_575256	575256	575309	-	4	54	ATG	TGA	0	0	
mORF_-_575306	575306	575329	-	6	24	TTG	TGA	0	0	
mORF_-_575313	575313	575537	-	4	225	TTG	TGA	0	0	
mORF_-_575541	575541	575600	-	4	60	GTG	TGA	0	0	
mORF_-_575573	575573	575632	-	6	60	TTG	TAA	0	0	
mORF_-_575607	575607	575672	-	4	66	GTG	TGA	0	0	
mORF_-_575660	575660	575668	-	6	9	GTG	TGA	0	0	
mORF_-_575685	575685	575726	-	4	42	GTG	TAG	0	0	
mORF_-_575733	575733	575807	-	4	75	ATG	TGA	0	0	
mORF_-_575804	575804	575815	-	6	12	GTG	TGA	0	0	
mORF_-_575829	575829	575927	-	4	99	ATG	TGA	0	0	

mORF_-_576105	576105	576116	-	4	12	TTG	TGA	0	0	
mORF_-_576122	576122	576130	-	6	9	TTG	TAA	0	0	
mORF_-_576195	576195	576248	-	4	54	TTG	TAG	0	0	
mORF_-_576269	576269	576403	-	6	135	TTG	TAA	0	0	
mORF_-_576295	576295	576321	-	5	27	GTG	TGA	0	0	
mORF_-_576357	576357	576410	-	4	54	ATG	TAA	0	0	
mORF_-_576419	576419	576535	-	6	117	TTG	TAA	0	0	
mORF_-_576457	576457	576468	-	5	12	GTG	TAA	0	0	
mORF_-_576465	576465	576470	-	4	6	GTG	TGA	0	0	
mORF_-_576474	576474	576551	-	4	78	GTG	TAA	0	0	
mORF_-_576566	576566	576631	-	6	66	ATG	TAA	0	0	
mORF_-_576591	576591	576596	-	4	6	GTG	TAA	0	0	
mORF_-_576619	576619	576645	-	5	27	TTG	TAA	0	0	
mORF_-_576656	576656	576715	-	6	60	GTG	TAG	0	0	
mORF_-_576712	576712	576783	-	5	72	TTG	TGA	0	0	
mORF_-_576720	576720	576848	-	4	129	ATG	TGA	0	0	
mORF_-_576788	576788	576817	-	6	30	TTG	TAA	0	0	
mORF_-_576799	576799	576912	-	5	114	GTG	TAA	0	0	
mORF_-_576870	576870	576887	-	4	18	TTG	TAG	0	0	
mORF_-_576891	576891	576899	-	4	9	ATG	TAG	0	0	
mORF_-_576905	576905	577090	-	6	186	TTG	TAA	0	0	
mORF_-_576909	576909	576920	-	4	12	TTG	TGA	0	0	
mORF_-_576945	576945	576959	-	4	15	ATG	TGA	0	0	
mORF_-_576949	576949	576963	-	5	15	TTG	TAG	0	0	
mORF_-_576991	576991	577107	-	5	117	TTG	TGA	0	0	
mORF_-_577014	577014	577055	-	4	42	GTG	TGA	0	0	
mORF_-_577104	577104	577148	-	4	45	ATG	TGA	0	0	
mORF_-_577145	577145	577327	-	6	183	TTG	TGA	0	0	
mORF_-_577153	577153	577221	-	5	69	TTG	TAA	0	0	
mORF_-_577176	577176	577184	-	4	9	ATG	TAA	0	0	
mORF_-_577218	577218	577400	-	4	183	TTG	TGA	0	0	
mORF_-_577379	577379	577390	-	6	12	ATG	TGA	0	0	
mORF_-_577387	577387	577404	-	5	18	ATG	TGA	0	0	
mORF_-_577397	577397	577480	-	6	84	TTG	TGA	0	0	
mORF_-_577425	577425	577490	-	4	66	ATG	TAG	0	0	
mORF_-_577481	577481	577528	-	6	48	TTG	TAA	0	0	
mORF_-_577500	577500	577616	-	4	117	TTG	TGA	0	0	
mORF_-_577543	577543	577611	-	5	69	GTG	TAA	0	0	
mORF_-_577626	577626	577694	-	4	69	GTG	TGA	0	0	
mORF_-_577630	577630	577842	-	5	213	GTG	TGA	0	0	
mORF_-_577707	577707	577736	-	4	30	GTG	TAA	0	0	
mORF_-_577772	577772	577822	-	6	51	TTG	TAA	0	0	
mORF_-_577815	577815	577835	-	4	21	TTG	TGA	0	0	
mORF_-_577823	577823	578116	-	6	294	ATG	TAA	6	46	pORF_-_577823
mORF_-_577867	577867	577893	-	5	27	ATG	TAG	0	0	
mORF_-_577894	577894	577980	-	5	87	TTG	TAA	0	0	
mORF_-_577920	577920	577946	-	4	27	TTG	TAA	0	0	
mORF_-_577950	577950	578069	-	4	120	ATG	TAA	0	0	
mORF_-_578023	578023	578067	-	5	45	GTG	TAG	0	0	
mORF_-_578113	578113	578175	-	5	63	TTG	TGA	0	0	
mORF_-_578121	578121	578186	-	4	66	TTG	TAA	0	0	
mORF_-_578179	578179	578247	-	5	69	ATG	TAG	0	0	
mORF_-_578244	578244	578273	-	4	30	GTG	TGA	0	0	
mORF_-_578264	578264	578350	-	6	87	ATG	TAG	0	0	
mORF_-_578316	578316	578384	-	4	69	GTG	TAA	0	0	
mORF_-_578359	578359	578370	-	5	12	GTG	TAA	0	0	
mORF_-_578400	578400	578534	-	4	135	TTG	TAA	0	0	
mORF_-_578407	578407	578940	-	5	534	TTG	TAA	0	0	
mORF_-_578486	578486	578512	-	6	27	ATG	TAA	0	0	
mORF_-_578574	578574	578585	-	4	12	ATG	TGA	0	0	
mORF_-_578595	578595	578627	-	4	33	ATG	TAG	0	0	
mORF_-_578628	578628	578633	-	4	6	TTG	TAA	0	0	
mORF_-_578673	578673	578681	-	4	9	TTG	TAG	0	0	

mORF_-_578700	578700	578726	-	4	27	ATG	TAG	0	0
mORF_-_578736	578736	578759	-	4	24	GTG	TAA	0	0
mORF_-_578763	578763	578807	-	4	45	TTG	TAA	0	0
mORF_-_578795	578795	578833	-	6	39	ATG	TAA	0	0
mORF_-_578868	578868	578879	-	4	12	TTG	TAA	0	0
mORF_-_578913	578913	578921	-	4	9	TTG	TAA	0	0
mORF_-_578918	578918	578983	-	6	66	ATG	TGA	0	0
mORF_-_578937	578937	579176	-	4	240	ATG	TGA	0	0
mORF_-_578941	578941	579000	-	5	60	TTG	TAA	0	0
mORF_-_579029	579029	579040	-	6	12	ATG	TGA	0	0
mORF_-_579064	579064	579270	-	5	207	GTG	TAA	0	0
mORF_-_579071	579071	579091	-	6	21	ATG	TAG	0	0
mORF_-_579179	579179	579238	-	6	60	ATG	TAG	0	0
mORF_-_579239	579239	579316	-	6	78	ATG	TGA	0	0
mORF_-_579288	579288	579329	-	4	42	ATG	TAA	0	0
mORF_-_579322	579322	579333	-	5	12	TTG	TAG	0	0
mORF_-_579335	579335	579403	-	6	69	TTG	TAG	0	0
mORF_-_579339	579339	579398	-	4	60	TTG	TAA	0	0
mORF_-_579404	579404	579412	-	6	9	TTG	TAA	0	0
mORF_-_579424	579424	579477	-	5	54	ATG	TAA	0	0
mORF_-_579434	579434	579487	-	6	54	GTG	TAA	0	0
mORF_-_579474	579474	579668	-	4	195	ATG	TGA	0	0
mORF_-_579521	579521	579604	-	6	84	TTG	TAA	0	0
mORF_-_579719	579719	579742	-	6	24	TTG	TAA	0	0
mORF_-_579743	579743	579763	-	6	21	ATG	TAA	0	0
mORF_-_579760	579760	579801	-	5	42	GTG	TGA	0	0
mORF_-_579770	579770	579832	-	6	63	ATG	TAA	0	0
mORF_-_579914	579914	580057	-	6	144	TTG	TAA	0	0
mORF_-_579954	579954	580112	-	4	159	ATG	TAA	0	0
mORF_-_579958	579958	580497	-	5	540	ATG	TAA	0	0
mORF_-_580113	580113	580160	-	4	48	TTG	TGA	0	0
mORF_-_580176	580176	580538	-	4	363	TTG	TAA	0	0
mORF_-_580322	580322	580393	-	6	72	ATG	TAA	0	0
mORF_-_580523	580523	580615	-	6	93	ATG	TGA	0	0
mORF_-_580599	580599	580640	-	4	42	GTG	TAA	0	0
mORF_-_580637	580637	580864	-	6	228	ATG	TGA	0	0
mORF_-_580644	580644	580658	-	4	15	GTG	TGA	0	0
mORF_-_580683	580683	580736	-	4	54	GTG	TAG	0	0
mORF_-_580744	580744	580758	-	5	15	ATG	TGA	0	0
mORF_-_580777	580777	580782	-	5	6	ATG	TAG	0	0
mORF_-_580819	580819	580827	-	5	9	TTG	TAA	0	0
mORF_-_580849	580849	580911	-	5	63	TTG	TAG	0	0
mORF_-_580908	580908	580925	-	4	18	ATG	TGA	0	0
mORF_-_580922	580922	580948	-	6	27	ATG	TGA	0	0
mORF_-_581025	581025	581282	-	4	258	GTG	TAA	0	0
mORF_-_581033	581033	581164	-	6	132	ATG	TAA	0	0
mORF_-_581176	581176	581343	-	5	168	GTG	TGA	0	0
mORF_-_581310	581310	581360	-	4	51	ATG	TGA	0	0
mORF_-_581375	581375	581959	-	6	585	TTG	TAG	0	0
mORF_-_581404	581404	581433	-	5	30	ATG	TAG	0	0
mORF_-_581521	581521	581589	-	5	69	ATG	TGA	0	0
mORF_-_581596	581596	581613	-	5	18	ATG	TAA	0	0
mORF_-_581620	581620	581730	-	5	111	ATG	TAA	0	0
mORF_-_581815	581815	581865	-	5	51	TTG	TGA	0	0
mORF_-_581880	581880	581966	-	4	87	GTG	TAA	0	0
mORF_-_581884	581884	581973	-	5	90	ATG	TAG	0	0
mORF_-_581980	581980	582015	-	5	36	ATG	TAA	0	0
mORF_-_582012	582012	582041	-	4	30	ATG	TGA	0	0
mORF_-_582062	582062	582070	-	6	9	TTG	TAA	0	0
mORF_-_582071	582071	582112	-	6	42	ATG	TAA	0	0
mORF_-_582084	582084	582143	-	4	60	TTG	TAA	0	0
mORF_-_582094	582094	582180	-	5	87	GTG	TAA	0	0
mORF_-_582174	582174	582182	-	4	9	GTG	TGA	0	0

mORF_-_582187	582187	582318	-	5	132	GTG	TAG	0	0	
mORF_-_582201	582201	582329	-	4	129	GTG	TGA	0	0	
mORF_-_582302	582302	582352	-	6	51	TTG	TAG	0	0	
mORF_-_582345	582345	582377	-	4	33	ATG	TAA	0	0	
mORF_-_582349	582349	582444	-	5	96	TTG	TGA	0	0	
mORF_-_582453	582453	582509	-	4	57	TTG	TAA	0	0	
mORF_-_582467	582467	582481	-	6	15	TTG	TGA	0	0	
mORF_-_582543	582543	582647	-	4	105	TTG	TAG	0	0	
mORF_-_582557	582557	582592	-	6	36	TTG	TAA	0	0	
mORF_-_582611	582611	582625	-	6	15	TTG	TAA	0	0	
mORF_-_582622	582622	582636	-	5	15	ATG	TGA	0	0	
mORF_-_582654	582654	582692	-	4	39	ATG	TGA	0	0	
mORF_-_582674	582674	582748	-	6	75	ATG	TAA	0	0	
mORF_-_582679	582679	582744	-	5	66	ATG	TAA	0	0	
mORF_-_582763	582763	582822	-	5	60	GTG	TAA	0	0	
mORF_-_582777	582777	582827	-	4	51	ATG	TAA	0	0	
mORF_-_582847	582847	582939	-	5	93	TTG	TAA	0	0	
mORF_-_582858	582858	582875	-	4	18	TTG	TAA	0	0	
mORF_-_582888	582888	582902	-	4	15	TTG	TAA	0	0	
mORF_-_582909	582909	582932	-	4	24	ATG	TAA	0	0	
mORF_-_582929	582929	582943	-	6	15	ATG	TGA	0	0	
mORF_-_582936	582936	583118	-	4	183	TTG	TGA	0	0	
mORF_-_582977	582977	582991	-	6	15	ATG	TGA	0	0	
mORF_-_583040	583040	583075	-	6	36	ATG	TAG	0	0	
mORF_-_583121	583121	583165	-	6	45	ATG	TAA	0	0	
mORF_-_583140	583140	583265	-	4	126	TTG	TAG	0	0	
mORF_-_583196	583196	583213	-	6	18	GTG	TAA	0	0	
mORF_-_583210	583210	583215	-	5	6	GTG	TGA	0	0	
mORF_-_583262	583262	583288	-	6	27	ATG	TGA	0	0	
mORF_-_583289	583289	583312	-	6	24	ATG	TAA	0	0	
mORF_-_583294	583294	583365	-	5	72	ATG	TAG	0	0	
mORF_-_583343	583343	583441	-	6	99	ATG	TAA	0	0	
mORF_-_583389	583389	583490	-	4	102	ATG	TAA	0	0	
mORF_-_583463	583463	583480	-	6	18	TTG	TAG	0	0	
mORF_-_583487	583487	583498	-	6	12	TTG	TGA	0	0	
mORF_-_583503	583503	583514	-	4	12	TTG	TAA	0	0	
mORF_-_583511	583511	583552	-	6	42	ATG	TGA	0	0	
mORF_-_583536	583536	583559	-	4	24	ATG	TAG	0	0	
mORF_-_583549	583549	583599	-	5	51	ATG	TGA	0	0	
mORF_-_583556	583556	583567	-	6	12	ATG	TGA	0	0	
mORF_-_583578	583578	583589	-	4	12	GTG	TAA	0	0	
mORF_-_583586	583586	583594	-	6	9	ATG	TGA	0	0	
mORF_-_583599	583599	583640	-	4	42	TTG	TAA	0	0	
mORF_-_583622	583622	583645	-	6	24	TTG	TGA	0	0	
mORF_-_583663	583663	583668	-	5	6	TTG	TAA	0	0	
mORF_-_583674	583674	583679	-	4	6	ATG	TAG	0	0	
mORF_-_583693	583693	583731	-	5	39	ATG	TAA	0	0	
mORF_-_583731	583731	583769	-	4	39	ATG	TAA	0	0	
mORF_-_583837	583837	583842	-	5	6	ATG	TAA	0	0	
mORF_-_583851	583851	583877	-	4	27	GTG	TAG	0	0	
mORF_-_583903	583903	584856	-	5	954	ATG	TAA	81	1139	pORF_-_583903
mORF_-_583950	583950	584231	-	4	282	ATG	TAG	0	0	
mORF_-_584021	584021	584041	-	6	21	ATG	TAA	0	0	
mORF_-_584247	584247	584363	-	4	117	GTG	TGA	0	0	
mORF_-_584454	584454	584564	-	4	111	GTG	TGA	0	0	
mORF_-_584525	584525	584626	-	6	102	TTG	TAA	0	0	
mORF_-_584616	584616	584636	-	4	21	GTG	TGA	0	0	
mORF_-_584703	584703	584714	-	4	12	GTG	TAG	0	0	
mORF_-_584733	584733	584759	-	4	27	ATG	TGA	0	0	
mORF_-_584760	584760	584816	-	4	57	TTG	TAA	0	0	
mORF_-_584768	584768	584869	-	6	102	ATG	TGA	0	0	
mORF_-_584832	584832	584873	-	4	42	TTG	TAG	0	0	
mORF_-_584907	584907	584939	-	4	33	GTG	TAG	0	0	

mORF_-_584912	584912	584923	-	6	12	TTG	TAA	0	0	
mORF_-_584924	584924	584929	-	6	6	ATG	TAA	0	0	
mORF_-_584954	584954	584974	-	6	21	GTG	TAA	0	0	
mORF_-_584971	584971	584976	-	5	6	TTG	TGA	0	0	
mORF_-_585007	585007	585018	-	5	12	ATG	TAA	0	0	
mORF_-_585063	585063	585161	-	4	99	TTG	TAA	0	0	
mORF_-_585067	585067	585081	-	5	15	ATG	TAG	0	0	
mORF_-_585086	585086	585127	-	6	42	TTG	TAA	0	0	
mORF_-_585124	585124	585186	-	5	63	TTG	TGA	0	0	
mORF_-_585140	585140	585196	-	6	57	TTG	TAA	0	0	
mORF_-_585201	585201	585206	-	4	6	ATG	TAA	0	0	
mORF_-_585260	585260	585376	-	6	117	GTG	TAA	0	0	
mORF_-_585283	585283	585336	-	5	54	ATG	TAG	0	0	
mORF_-_585370	585370	586131	-	5	762	ATG	TGA	0	0	
mORF_-_585417	585417	585473	-	4	57	GTG	TGA	0	0	
mORF_-_585464	585464	585475	-	6	12	ATG	TAG	0	0	
mORF_-_585503	585503	585544	-	6	42	GTG	TAA	0	0	
mORF_-_585510	585510	585554	-	4	45	TTG	TGA	0	0	
mORF_-_585560	585560	585616	-	6	57	ATG	TAG	0	0	
mORF_-_585609	585609	585632	-	4	24	TTG	TAA	0	0	
mORF_-_585714	585714	585743	-	4	30	TTG	TGA	0	0	
mORF_-_585857	585857	585865	-	6	9	TTG	TAG	0	0	
mORF_-_585900	585900	585905	-	4	6	GTG	TAA	0	0	
mORF_-_585981	585981	586058	-	4	78	ATG	TAA	0	0	
mORF_-_586004	586004	586015	-	6	12	GTG	TAA	0	0	
mORF_-_586061	586061	586108	-	6	48	TTG	TAA	0	0	
mORF_-_586098	586098	586115	-	4	18	GTG	TGA	0	0	
mORF_-_586112	586112	586138	-	6	27	GTG	TGA	0	0	
mORF_-_586142	586142	586165	-	6	24	TTG	TGA	0	0	
mORF_-_586171	586171	586242	-	5	72	TTG	TAG	0	0	
mORF_-_586314	586314	587204	-	4	891	ATG	TAA	2	4	pORF_-_586314
mORF_-_586375	586375	586383	-	5	9	TTG	TAA	0	0	
mORF_-_586397	586397	586537	-	6	141	GTG	TAG	0	0	
mORF_-_586471	586471	586509	-	5	39	TTG	TGA	0	0	
mORF_-_586550	586550	586690	-	6	141	ATG	TGA	0	0	
mORF_-_586693	586693	586722	-	5	30	ATG	TAG	0	0	
mORF_-_586760	586760	586795	-	6	36	ATG	TGA	0	0	
mORF_-_586768	586768	586824	-	5	57	ATG	TGA	0	0	
mORF_-_586925	586925	586936	-	6	12	TTG	TGA	0	0	
mORF_-_586943	586943	587041	-	6	99	TTG	TGA	0	0	
mORF_-_586975	586975	587088	-	5	114	GTG	TAA	0	0	
mORF_-_587141	587141	587149	-	6	9	TTG	TGA	0	0	
mORF_-_587177	587177	587434	-	6	258	TTG	TGA	1	2	pORF_-_587177
mORF_-_587205	587205	590198	-	4	2994	TTG	TAA	3	6	pORF_-_587205
mORF_-_587446	587446	587571	-	5	126	ATG	TAA	0	0	
mORF_-_587450	587450	587638	-	6	189	ATG	TAG	0	0	
mORF_-_587747	587747	587893	-	6	147	ATG	TGA	0	0	
mORF_-_587909	587909	587977	-	6	69	ATG	TGA	0	0	
mORF_-_588032	588032	588058	-	6	27	TTG	TGA	0	0	
mORF_-_588059	588059	588097	-	6	39	ATG	TGA	0	0	
mORF_-_588131	588131	588280	-	6	150	GTG	TGA	0	0	
mORF_-_588202	588202	588210	-	5	9	GTG	TAG	0	0	
mORF_-_588281	588281	588355	-	6	75	TTG	TGA	0	0	
mORF_-_588298	588298	588429	-	5	132	GTG	TAA	0	0	
mORF_-_588380	588380	588544	-	6	165	ATG	TGA	0	0	
mORF_-_588548	588548	588604	-	6	57	TTG	TGA	0	0	
mORF_-_588601	588601	588789	-	5	189	TTG	TGA	0	0	
mORF_-_588623	588623	588742	-	6	120	ATG	TAG	0	0	
mORF_-_588776	588776	588799	-	6	24	TTG	TAG	0	0	
mORF_-_588790	588790	588822	-	5	33	GTG	TAA	0	0	
mORF_-_588923	588923	588946	-	6	24	ATG	TAA	0	0	
mORF_-_589022	589022	589144	-	6	123	ATG	TAA	0	0	
mORF_-_589196	589196	589501	-	6	306	TTG	TAA	0	0	

mORF_-_589294	589294	589314	-	5	21	TTG	TAA	0	0	
mORF_-_589498	589498	589506	-	5	9	GTG	TGA	0	0	
mORF_-_589526	589526	589552	-	6	27	ATG	TAA	0	0	
mORF_-_589549	589549	589578	-	5	30	ATG	TGA	0	0	
mORF_-_589583	589583	589654	-	6	72	ATG	TGA	0	0	
mORF_-_589658	589658	589777	-	6	120	TTG	TGA	0	0	
mORF_-_589714	589714	589749	-	5	36	GTG	TGA	0	0	
mORF_-_589793	589793	589837	-	6	45	ATG	TGA	0	0	
mORF_-_589853	589853	589918	-	6	66	TTG	TGA	0	0	
mORF_-_589928	589928	589969	-	6	42	TTG	TGA	0	0	
mORF_-_590012	590012	590044	-	6	33	TTG	TGA	0	0	
mORF_-_590020	590020	590145	-	5	126	ATG	TAA	0	0	
mORF_-_590164	590164	592401	-	5	2238	GTG	TAA	0	0	
mORF_-_590268	590268	590348	-	4	81	ATG	TGA	0	0	
mORF_-_590400	590400	590576	-	4	177	TTG	TGA	0	0	
mORF_-_590450	590450	590476	-	6	27	GTG	TGA	0	0	
mORF_-_590610	590610	590657	-	4	48	TTG	TGA	0	0	
mORF_-_590658	590658	590729	-	4	72	TTG	TAA	0	0	
mORF_-_590666	590666	590770	-	6	105	GTG	TGA	0	0	
mORF_-_590730	590730	590756	-	4	27	ATG	TGA	0	0	
mORF_-_590961	590961	590978	-	4	18	ATG	TGA	0	0	
mORF_-_590987	590987	590995	-	6	9	GTG	TAA	0	0	
mORF_-_591155	591155	591244	-	6	90	GTG	TAA	0	0	
mORF_-_591162	591162	591170	-	4	9	TTG	TGA	0	0	
mORF_-_591192	591192	591254	-	4	63	ATG	TAA	0	0	
mORF_-_591282	591282	591308	-	4	27	TTG	TGA	0	0	
mORF_-_591311	591311	591373	-	6	63	ATG	TAA	0	0	
mORF_-_591357	591357	591401	-	4	45	TTG	TGA	0	0	
mORF_-_591474	591474	591554	-	4	81	TTG	TGA	0	0	
mORF_-_591579	591579	591641	-	4	63	GTG	TGA	0	0	
mORF_-_591660	591660	591767	-	4	108	TTG	TGA	0	0	
mORF_-_591764	591764	591796	-	6	33	ATG	TGA	0	0	
mORF_-_591882	591882	591941	-	4	60	TTG	TGA	0	0	
mORF_-_592011	592011	592166	-	4	156	ATG	TAG	0	0	
mORF_-_592016	592016	592042	-	6	27	GTG	TAA	0	0	
mORF_-_592163	592163	592171	-	6	9	GTG	TGA	0	0	
mORF_-_592188	592188	592202	-	4	15	ATG	TAG	0	0	
mORF_-_592227	592227	592253	-	4	27	GTG	TGA	0	0	
mORF_-_592254	592254	592295	-	4	42	TTG	TGA	0	0	
mORF_-_592356	592356	592403	-	4	48	GTG	TAA	0	0	
mORF_-_592385	592385	592405	-	6	21	TTG	TGA	0	0	
mORF_-_592411	592411	592416	-	5	6	ATG	TAA	0	0	
mORF_-_592457	592457	592483	-	6	27	ATG	TAA	0	0	
mORF_-_592496	592496	592591	-	6	96	ATG	TAG	0	0	
mORF_-_592515	592515	592520	-	4	6	GTG	TAA	0	0	
mORF_-_592551	592551	594005	-	4	1455	TTG	TAA	1	3	pORF_-_592551
mORF_-_592598	592598	592630	-	6	33	TTG	TAA	0	0	
mORF_-_592640	592640	592738	-	6	99	TTG	TAG	0	0	
mORF_-_592708	592708	592896	-	5	189	GTG	TGA	0	0	
mORF_-_592799	592799	592804	-	6	6	TTG	TAG	0	0	
mORF_-_592871	592871	592909	-	6	39	TTG	TGA	0	0	
mORF_-_592937	592937	592975	-	6	39	ATG	TAG	0	0	
mORF_-_593069	593069	593098	-	6	30	ATG	TGA	0	0	
mORF_-_593150	593150	593230	-	6	81	TTG	TAA	0	0	
mORF_-_593240	593240	593278	-	6	39	TTG	TGA	0	0	
mORF_-_593444	593444	593452	-	6	9	ATG	TGA	0	0	
mORF_-_593453	593453	593530	-	6	78	TTG	TAA	0	0	
mORF_-_593594	593594	593686	-	6	93	GTG	TGA	0	0	
mORF_-_593732	593732	593752	-	6	21	GTG	TGA	0	0	
mORF_-_593807	593807	593821	-	6	15	TTG	TAA	0	0	
mORF_-_593840	593840	593866	-	6	27	TTG	TAA	0	0	
mORF_-_593848	593848	593898	-	5	51	ATG	TAA	0	0	
mORF_-_593888	593888	593902	-	6	15	TTG	TGA	0	0	

mORF_-_593983	593983	594666	-	5	684	ATG	TAA	2	17	pORF_-_593983
mORF_-_594036	594036	594050	-	4	15	TTG	TAA	0	0	
mORF_-_594081	594081	594116	-	4	36	TTG	TGA	0	0	
mORF_-_594113	594113	594130	-	6	18	ATG	TGA	0	0	
mORF_-_594267	594267	594278	-	4	12	TTG	TGA	0	0	
mORF_-_594300	594300	594353	-	4	54	TTG	TGA	0	0	
mORF_-_594366	594366	594425	-	4	60	TTG	TGA	0	0	
mORF_-_594525	594525	594539	-	4	15	GTG	TGA	0	0	
mORF_-_594543	594543	594563	-	4	21	ATG	TGA	0	0	
mORF_-_594564	594564	594593	-	4	30	TTG	TGA	0	0	
mORF_-_594618	594618	594653	-	4	36	TTG	TGA	0	0	
mORF_-_594641	594641	594679	-	6	39	ATG	TGA	0	0	
mORF_-_594663	594663	594719	-	4	57	TTG	TGA	0	0	
mORF_-_594695	594695	594733	-	6	39	TTG	TAG	0	0	
mORF_-_594724	594724	594750	-	5	27	ATG	TAA	0	0	
mORF_-_594747	594747	594806	-	4	60	GTG	TGA	0	0	
mORF_-_594769	594769	594798	-	5	30	ATG	TGA	0	0	
mORF_-_594821	594821	594931	-	6	111	GTG	TAG	0	0	
mORF_-_594928	594928	595092	-	5	165	TTG	TGA	0	0	
mORF_-_594969	594969	594989	-	4	21	GTG	TGA	0	0	
mORF_-_595005	595005	595058	-	4	54	ATG	TGA	0	0	
mORF_-_595022	595022	595123	-	6	102	GTG	TAA	0	0	
mORF_-_595116	595116	595250	-	4	135	ATG	TAG	0	0	
mORF_-_595163	595163	595186	-	6	24	GTG	TAA	0	0	
mORF_-_595240	595240	595269	-	5	30	TTG	TAA	0	0	
mORF_-_595272	595272	595283	-	4	12	GTG	TAA	0	0	
mORF_-_595276	595276	595374	-	5	99	TTG	TAA	0	0	
mORF_-_595338	595338	595346	-	4	9	TTG	TAG	0	0	
mORF_-_595343	595343	595411	-	6	69	ATG	TGA	0	0	
mORF_-_595401	595401	595505	-	4	105	ATG	TGA	0	0	
mORF_-_595408	595408	595614	-	5	207	TTG	TGA	0	0	
mORF_-_595508	595508	595546	-	6	39	ATG	TAG	0	0	
mORF_-_595566	595566	595874	-	4	309	TTG	TAG	1	2	pORF_-_595566
mORF_-_595624	595624	595647	-	5	24	TTG	TAA	0	0	
mORF_-_595651	595651	595686	-	5	36	GTG	TAA	0	0	
mORF_-_595700	595700	595732	-	6	33	ATG	TAG	0	0	
mORF_-_595742	595742	595792	-	6	51	ATG	TAG	0	0	
mORF_-_595943	595943	595969	-	6	27	ATG	TAA	0	0	
mORF_-_595969	595969	596040	-	5	72	TTG	TAA	0	0	
mORF_-_595994	595994	596020	-	6	27	ATG	TAA	0	0	
mORF_-_596030	596030	596116	-	6	87	TTG	TAA	0	0	
mORF_-_596053	596053	596064	-	5	12	GTG	TAA	0	0	
mORF_-_596107	596107	596124	-	5	18	TTG	TAA	0	0	
mORF_-_596128	596128	596214	-	5	87	ATG	TAA	0	0	
mORF_-_596156	596156	596260	-	6	105	GTG	TAA	0	0	
mORF_-_596211	596211	596228	-	4	18	ATG	TGA	0	0	
mORF_-_596265	596265	596309	-	4	45	TTG	TAA	0	0	
mORF_-_596285	596285	596527	-	6	243	GTG	TGA	0	0	
mORF_-_596334	596334	596378	-	4	45	TTG	TAA	0	0	
mORF_-_596418	596418	596459	-	4	42	GTG	TAG	0	0	
mORF_-_596431	596431	596520	-	5	90	ATG	TGA	0	0	
mORF_-_596524	596524	596952	-	5	429	ATG	TGA	0	0	
mORF_-_596766	596766	596846	-	4	81	TTG	TAA	0	0	
mORF_-_596828	596828	597136	-	6	309	TTG	TAA	0	0	
mORF_-_596962	596962	597000	-	5	39	GTG	TGA	0	0	
mORF_-_597046	597046	597051	-	5	6	TTG	TAA	0	0	
mORF_-_597058	597058	597393	-	5	336	TTG	TGA	0	0	
mORF_-_597114	597114	597146	-	4	33	GTG	TAA	0	0	
mORF_-_597197	597197	597307	-	6	111	TTG	TAA	0	0	
mORF_-_597415	597415	598113	-	5	699	TTG	TGA	0	0	
mORF_-_597498	597498	597527	-	4	30	GTG	TGA	0	0	
mORF_-_597620	597620	597649	-	6	30	TTG	TAG	0	0	
mORF_-_597678	597678	597689	-	4	12	GTG	TGA	0	0	

mORF_-_597686	597686	597787	-	6	102	TTG	TGA	0	0	
mORF_-_597726	597726	597782	-	4	57	ATG	TAA	0	0	
mORF_-_597792	597792	597884	-	4	93	GTG	TGA	0	0	
mORF_-_597800	597800	597937	-	6	138	TTG	TAA	0	0	
mORF_-_597909	597909	598031	-	4	123	ATG	TAG	0	0	
mORF_-_598082	598082	598195	-	6	114	GTG	TAA	0	0	
mORF_-_598134	598134	598154	-	4	21	ATG	TAA	0	0	
mORF_-_598192	598192	598389	-	5	198	GTG	TGA	0	0	
mORF_-_598209	598209	598337	-	4	129	GTG	TAA	0	0	
mORF_-_598310	598310	598411	-	6	102	ATG	TGA	0	0	
mORF_-_598353	598353	598448	-	4	96	ATG	TAG	0	0	
mORF_-_598497	598497	598538	-	4	42	ATG	TGA	0	0	
mORF_-_598538	598538	598576	-	6	39	TTG	TGA	0	0	
mORF_-_598573	598573	598671	-	5	99	GTG	TGA	0	0	
mORF_-_598668	598668	598673	-	4	6	ATG	TGA	0	0	
mORF_-_598707	598707	599381	-	4	675	TTG	TAA	0	0	
mORF_-_598768	598768	599211	-	5	444	ATG	TAG	0	0	
mORF_-_598901	598901	598909	-	6	9	ATG	TAA	0	0	
mORF_-_599284	599284	599538	-	5	255	GTG	TAG	0	0	
mORF_-_599442	599442	599489	-	4	48	TTG	TAG	0	0	
mORF_-_599511	599511	599999	-	4	489	GTG	TGA	0	0	
mORF_-_599620	599620	599706	-	5	87	TTG	TAA	0	0	
mORF_-_599630	599630	599659	-	6	30	ATG	TGA	0	0	
mORF_-_599870	599870	599959	-	6	90	TTG	TGA	0	0	
mORF_-_599956	599956	600459	-	5	504	TTG	TGA	0	0	
mORF_-_600102	600102	600110	-	4	9	TTG	TAG	0	0	
mORF_-_600119	600119	600238	-	6	120	TTG	TAA	0	0	
mORF_-_600239	600239	600283	-	6	45	GTG	TAA	0	0	
mORF_-_600249	600249	600347	-	4	99	ATG	TAA	0	0	
mORF_-_600356	600356	600508	-	6	153	ATG	TAG	0	0	
mORF_-_600408	600408	600434	-	4	27	ATG	TAA	0	0	
mORF_-_600447	600447	600671	-	4	225	ATG	TGA	0	0	
mORF_-_600526	600526	600699	-	5	174	ATG	TAG	1	47	pORF_-_600526
mORF_-_600696	600696	600719	-	4	24	GTG	TGA	0	0	
mORF_-_600725	600725	600826	-	6	102	ATG	TAA	0	0	
mORF_-_600778	600778	600822	-	5	45	TTG	TAA	0	0	
mORF_-_600783	600783	600791	-	4	9	ATG	TGA	0	0	
mORF_-_600853	600853	600861	-	5	9	GTG	TAA	0	0	
mORF_-_600858	600858	601001	-	4	144	GTG	TGA	0	0	
mORF_-_600952	600952	601065	-	5	114	ATG	TGA	0	0	
mORF_-_600998	600998	601006	-	6	9	GTG	TGA	0	0	
mORF_-_601097	601097	601132	-	6	36	GTG	TAA	0	0	
mORF_-_601139	601139	601168	-	6	30	GTG	TAA	0	0	
mORF_-_601153	601153	601290	-	5	138	TTG	TGA	0	0	
mORF_-_601194	601194	601241	-	4	48	ATG	TGA	0	0	
mORF_-_601248	601248	601268	-	4	21	TTG	TAA	0	0	
mORF_-_601265	601265	601315	-	6	51	ATG	TGA	0	0	
mORF_-_601358	601358	601378	-	6	21	ATG	TAG	0	0	
mORF_-_601390	601390	601584	-	5	195	TTG	TAA	0	0	
mORF_-_601437	601437	601448	-	4	12	GTG	TGA	0	0	
mORF_-_601499	601499	601552	-	6	54	ATG	TAG	0	0	
mORF_-_601553	601553	601699	-	6	147	ATG	TAG	0	0	
mORF_-_601647	601647	601742	-	4	96	GTG	TAA	0	0	
mORF_-_601681	601681	601695	-	5	15	TTG	TAA	0	0	
mORF_-_601739	601739	601768	-	6	30	TTG	TGA	0	0	
mORF_-_601778	601778	601906	-	6	129	ATG	TAG	0	0	
mORF_-_601870	601870	601962	-	5	93	GTG	TAA	0	0	
mORF_-_601922	601922	601939	-	6	18	ATG	TGA	0	0	
mORF_-_601949	601949	601954	-	6	6	ATG	TAA	0	0	
mORF_-_601971	601971	602036	-	4	66	ATG	TAA	0	0	
mORF_-_601982	601982	602080	-	6	99	ATG	TAG	0	0	
mORF_-_602077	602077	602091	-	5	15	ATG	TGA	0	0	
mORF_-_602117	602117	602257	-	6	141	TTG	TAA	0	0	

mORF_-_602250	602250	602348	-	4	99	ATG	TAA	0	0	
mORF_-_602254	602254	602310	-	5	57	TTG	TGA	0	0	
mORF_-_602329	602329	602391	-	5	63	GTG	TAA	0	0	
mORF_-_602408	602408	602422	-	6	15	TTG	TAG	0	0	
mORF_-_602423	602423	602563	-	6	141	ATG	TAG	0	0	
mORF_-_602490	602490	602567	-	4	78	GTG	TGA	0	0	
mORF_-_602527	602527	602535	-	5	9	ATG	TAA	0	0	
mORF_-_602564	602564	602596	-	6	33	ATG	TGA	0	0	
mORF_-_602569	602569	602616	-	5	48	ATG	TAG	0	0	
mORF_-_602589	602589	602612	-	4	24	ATG	TGA	0	0	
mORF_-_602635	602635	602823	-	5	189	GTG	TAA	0	0	
mORF_-_602639	602639	603904	-	6	1266	TTG	TAA	0	0	
mORF_-_602760	602760	602774	-	4	15	GTG	TGA	0	0	
mORF_-_602877	602877	602975	-	4	99	GTG	TAA	0	0	
mORF_-_602893	602893	602916	-	5	24	TTG	TGA	0	0	
mORF_-_602938	602938	602979	-	5	42	ATG	TAA	0	0	
mORF_-_603031	603031	603081	-	5	51	TTG	TGA	0	0	
mORF_-_603214	603214	603222	-	5	9	TTG	TAA	0	0	
mORF_-_603229	603229	603240	-	5	12	ATG	TGA	0	0	
mORF_-_603280	603280	603324	-	5	45	TTG	TGA	0	0	
mORF_-_603349	603349	603372	-	5	24	TTG	TGA	0	0	
mORF_-_603382	603382	603405	-	5	24	TTG	TGA	0	0	
mORF_-_603453	603453	603572	-	4	120	GTG	TAA	0	0	
mORF_-_603517	603517	603558	-	5	42	ATG	TGA	0	0	
mORF_-_603670	603670	603735	-	5	66	GTG	TAG	0	0	
mORF_-_603687	603687	603764	-	4	78	TTG	TAA	0	0	
mORF_-_603817	603817	603846	-	5	30	TTG	TGA	0	0	
mORF_-_603853	603853	603864	-	5	12	TTG	TAG	0	0	
mORF_-_603874	603874	603942	-	5	69	TTG	TAA	0	0	
mORF_-_603912	603912	603986	-	4	75	TTG	TAG	0	0	
mORF_-_603994	603994	604698	-	5	705	TTG	TAA	53	825	pORF_-_603994
mORF_-_604005	604005	604061	-	4	57	TTG	TAA	0	0	
mORF_-_604074	604074	604085	-	4	12	TTG	TAG	0	0	
mORF_-_604113	604113	604355	-	4	243	TTG	TGA	0	0	
mORF_-_604202	604202	604237	-	6	36	GTG	TAA	0	0	
mORF_-_604362	604362	604601	-	4	240	TTG	TGA	0	0	
mORF_-_604478	604478	604513	-	6	36	GTG	TAA	0	0	
mORF_-_604623	604623	604658	-	4	36	ATG	TAA	0	0	
mORF_-_604686	604686	604691	-	4	6	TTG	TAA	0	0	
mORF_-_604695	604695	604787	-	4	93	TTG	TGA	0	0	
mORF_-_604741	604741	605229	-	5	489	TTG	TAA	3	8	pORF_-_604741
mORF_-_604784	604784	604801	-	6	18	GTG	TGA	0	0	
mORF_-_604947	604947	605141	-	4	195	TTG	TGA	0	0	
mORF_-_605009	605009	605044	-	6	36	TTG	TAA	0	0	
mORF_-_605174	605174	605422	-	6	249	ATG	TAA	0	0	
mORF_-_605226	605226	605258	-	4	33	TTG	TGA	0	0	
mORF_-_605280	605280	605360	-	4	81	TTG	TAG	0	0	
mORF_-_605419	605419	605427	-	5	9	ATG	TGA	0	0	
mORF_-_605430	605430	605510	-	4	81	GTG	TAA	0	0	
mORF_-_605441	605441	605479	-	6	39	TTG	TAA	0	0	
mORF_-_605488	605488	606606	-	5	1119	ATG	TAA	5	14	pORF_-_605488
mORF_-_605507	605507	605512	-	6	6	TTG	TGA	0	0	
mORF_-_605520	605520	605531	-	4	12	TTG	TGA	0	0	
mORF_-_605532	605532	605546	-	4	15	ATG	TGA	0	0	
mORF_-_605565	605565	605579	-	4	15	ATG	TAA	0	0	
mORF_-_605580	605580	605633	-	4	54	TTG	TGA	0	0	
mORF_-_605685	605685	605738	-	4	54	ATG	TAA	0	0	
mORF_-_605886	605886	605909	-	4	24	TTG	TGA	0	0	
mORF_-_605973	605973	606416	-	4	444	ATG	TGA	0	0	
mORF_-_606008	606008	606019	-	6	12	GTG	TAA	0	0	
mORF_-_606269	606269	606325	-	6	57	TTG	TAA	0	0	
mORF_-_606404	606404	606412	-	6	9	TTG	TGA	0	0	
mORF_-_606456	606456	606494	-	4	39	TTG	TAA	0	0	

mORF_-_606516	606516	606587	-	4	72	ATG	TAA	0	0	
mORF_-_606631	606631	606726	-	5	96	TTG	TAG	0	0	
mORF_-_606635	606635	606799	-	6	165	ATG	TGA	0	0	
mORF_-_606732	606732	606743	-	4	12	TTG	TAG	0	0	
mORF_-_606830	606830	606865	-	6	36	GTG	TAA	0	0	
mORF_-_606881	606881	607090	-	6	210	ATG	TAG	0	0	
mORF_-_606940	606940	607017	-	5	78	TTG	TAA	0	0	
mORF_-_606984	606984	607043	-	4	60	ATG	TGA	0	0	
mORF_-_607101	607101	607235	-	4	135	ATG	TAA	0	0	
mORF_-_607261	607261	607302	-	5	42	GTG	TAA	0	0	
mORF_-_607277	607277	607456	-	6	180	ATG	TAA	0	0	
mORF_-_607312	607312	607329	-	5	18	ATG	TGA	0	0	
mORF_-_607434	607434	607469	-	4	36	GTG	TAA	0	0	
mORF_-_607456	607456	607488	-	5	33	ATG	TAA	0	0	
mORF_-_607466	607466	607573	-	6	108	GTG	TGA	0	0	
mORF_-_607479	607479	607556	-	4	78	ATG	TGA	0	0	
mORF_-_607501	607501	607569	-	5	69	TTG	TAA	0	0	
mORF_-_607592	607592	607642	-	6	51	TTG	TAA	0	0	
mORF_-_607678	607678	607701	-	5	24	ATG	TAG	0	0	
mORF_-_607707	607707	607790	-	4	84	ATG	TGA	0	0	
mORF_-_607712	607712	608020	-	6	309	GTG	TGA	0	0	
mORF_-_607726	607726	607770	-	5	45	TTG	TAG	0	0	
mORF_-_607831	607831	607872	-	5	42	GTG	TGA	0	0	
mORF_-_607869	607869	608027	-	4	159	ATG	TGA	0	0	
mORF_-_608024	608024	608056	-	6	33	ATG	TGA	0	0	
mORF_-_608056	608056	608139	-	5	84	ATG	TAA	0	0	
mORF_-_608078	608078	608158	-	6	81	ATG	TGA	0	0	
mORF_-_608176	608176	608256	-	5	81	GTG	TGA	0	0	
mORF_-_608199	608199	608342	-	4	144	ATG	TAA	0	0	
mORF_-_608240	608240	608275	-	6	36	TTG	TGA	0	0	
mORF_-_608309	608309	608353	-	6	45	ATG	TAG	0	0	
mORF_-_608329	608329	608451	-	5	123	ATG	TAA	0	0	
mORF_-_608397	608397	608420	-	4	24	TTG	TAG	0	0	
mORF_-_608438	608438	608551	-	6	114	TTG	TAA	0	0	
mORF_-_608476	608476	608535	-	5	60	ATG	TAG	0	0	
mORF_-_608511	608511	608681	-	4	171	TTG	TAA	0	0	
mORF_-_608567	608567	608587	-	6	21	ATG	TAA	0	0	
mORF_-_608602	608602	608697	-	5	96	GTG	TGA	0	0	
mORF_-_608624	608624	608629	-	6	6	GTG	TAA	0	0	
mORF_-_608682	608682	609452	-	4	771	GTG	TAA	0	0	
mORF_-_608720	608720	608755	-	6	36	GTG	TAA	0	0	
mORF_-_608789	608789	608830	-	6	42	GTG	TAA	0	0	
mORF_-_608978	608978	608992	-	6	15	TTG	TAG	0	0	
mORF_-_609014	609014	609127	-	6	114	ATG	TAG	0	0	
mORF_-_609037	609037	609102	-	5	66	ATG	TAG	0	0	
mORF_-_609149	609149	609274	-	6	126	TTG	TAG	0	0	
mORF_-_609223	609223	609228	-	5	6	TTG	TGA	0	0	
mORF_-_609247	609247	609432	-	5	186	ATG	TGA	0	0	
mORF_-_609365	609365	609370	-	6	6	ATG	TAG	0	0	
mORF_-_609422	609422	609463	-	6	42	TTG	TGA	0	0	
mORF_-_609457	609457	609507	-	5	51	GTG	TGA	0	0	
mORF_-_609477	609477	611777	-	4	2301	GTG	TGA	46	1280	pORF_-_609477
mORF_-_609497	609497	609598	-	6	102	GTG	TGA	0	0	
mORF_-_609589	609589	609603	-	5	15	GTG	TAA	0	0	
mORF_-_609638	609638	609649	-	6	12	ATG	TGA	0	0	
mORF_-_609656	609656	609661	-	6	6	ATG	TGA	0	0	
mORF_-_609674	609674	609721	-	6	48	TTG	TGA	0	0	
mORF_-_609830	609830	609883	-	6	54	GTG	TGA	0	0	
mORF_-_609904	609904	609915	-	5	12	GTG	TAA	0	0	
mORF_-_609941	609941	609964	-	6	24	TTG	TAA	0	0	
mORF_-_609982	609982	609990	-	5	9	GTG	TAA	0	0	
mORF_-_610022	610022	610117	-	6	96	TTG	TAG	0	0	
mORF_-_610063	610063	610092	-	5	30	GTG	TAA	0	0	

mORF_-_610145	610145	610261	-	6	117	GTG	TGA	0	0
mORF_-_610156	610156	610194	-	5	39	TTG	TAA	0	0
mORF_-_610277	610277	610291	-	6	15	ATG	TGA	0	0
mORF_-_610313	610313	610342	-	6	30	TTG	TGA	0	0
mORF_-_610391	610391	610414	-	6	24	TTG	TGA	0	0
mORF_-_610463	610463	610483	-	6	21	GTG	TGA	0	0
mORF_-_610471	610471	610548	-	5	78	GTG	TGA	0	0
mORF_-_610562	610562	610588	-	6	27	TTG	TGA	0	0
mORF_-_610616	610616	610627	-	6	12	TTG	TGA	0	0
mORF_-_610748	610748	610768	-	6	21	GTG	TGA	0	0
mORF_-_610778	610778	610951	-	6	174	ATG	TGA	0	0
mORF_-_610951	610951	611046	-	5	96	GTG	TAA	0	0
mORF_-_610967	610967	611077	-	6	111	ATG	TAA	0	0
mORF_-_611114	611114	611296	-	6	183	TTG	TGA	0	0
mORF_-_611152	611152	611196	-	5	45	GTG	TAA	0	0
mORF_-_611297	611297	611347	-	6	51	GTG	TGA	0	0
mORF_-_611378	611378	611395	-	6	18	TTG	TAA	0	0
mORF_-_611402	611402	611464	-	6	63	GTG	TGA	0	0
mORF_-_611480	611480	611623	-	6	144	ATG	TGA	0	0
mORF_-_611660	611660	611668	-	6	9	ATG	TAG	0	0
mORF_-_611722	611722	611820	-	5	99	GTG	TAA	0	0
mORF_-_611834	611834	611857	-	6	24	GTG	TAA	0	0
mORF_-_611838	611838	611948	-	4	111	ATG	TAA	0	0
mORF_-_611872	611872	611922	-	5	51	TTG	TAG	0	0
mORF_-_611906	611906	611926	-	6	21	TTG	TGA	0	0
mORF_-_611953	611953	612051	-	5	99	GTG	TAA	0	0
mORF_-_611969	611969	612205	-	6	237	TTG	TAA	0	0
mORF_-_612112	612112	612120	-	5	9	GTG	TAG	0	0
mORF_-_612139	612139	612216	-	5	78	TTG	TGA	0	0
mORF_-_612180	612180	612203	-	4	24	GTG	TAG	0	0
mORF_-_612229	612229	612516	-	5	288	GTG	TAG	0	0
mORF_-_612237	612237	612389	-	4	153	GTG	TAA	0	0
mORF_-_612347	612347	612436	-	6	90	TTG	TAG	0	0
mORF_-_612462	612462	612494	-	4	33	GTG	TAA	0	0
mORF_-_612491	612491	612727	-	6	237	TTG	TGA	0	0
mORF_-_612510	612510	612527	-	4	18	TTG	TAA	0	0
mORF_-_612622	612622	613014	-	5	393	TTG	TGA	0	0
mORF_-_612734	612734	612838	-	6	105	GTG	TAA	0	0
mORF_-_612872	612872	612910	-	6	39	TTG	TGA	0	0
mORF_-_612932	612932	613033	-	6	102	TTG	TAG	0	0
mORF_-_613002	613002	613142	-	4	141	GTG	TGA	0	0
mORF_-_613015	613015	613056	-	5	42	ATG	TGA	0	0
mORF_-_613034	613034	613084	-	6	51	ATG	TAA	0	0
mORF_-_613066	613066	613254	-	5	189	TTG	TGA	0	0
mORF_-_613121	613121	613171	-	6	51	ATG	TAG	0	0
mORF_-_613206	613206	613280	-	4	75	ATG	TAA	0	0
mORF_-_613235	613235	613348	-	6	114	GTG	TGA	0	0
mORF_-_613287	613287	613391	-	4	105	ATG	TGA	0	0
mORF_-_613297	613297	613506	-	5	210	ATG	TGA	0	0
mORF_-_613358	613358	613420	-	6	63	ATG	TAA	0	0
mORF_-_613446	613446	613472	-	4	27	ATG	TAA	0	0
mORF_-_613472	613472	613651	-	6	180	ATG	TAA	0	0
mORF_-_613533	613533	613541	-	4	9	TTG	TAG	0	0
mORF_-_613630	613630	613728	-	5	99	GTG	TAA	0	0
mORF_-_613638	613638	613661	-	4	24	GTG	TAG	0	0
mORF_-_613677	613677	613988	-	4	312	TTG	TAA	0	0
mORF_-_613787	613787	613843	-	6	57	TTG	TGA	0	0
mORF_-_613825	613825	613890	-	5	66	ATG	TAA	0	0
mORF_-_613847	613847	613855	-	6	9	GTG	TAA	0	0
mORF_-_613891	613891	614019	-	5	129	GTG	TAA	0	0
mORF_-_613985	613985	614173	-	6	189	TTG	TGA	0	0
mORF_-_614022	614022	614105	-	4	84	TTG	TAA	0	0
mORF_-_614130	614130	614540	-	4	411	GTG	TAA	1	4

pORF_-_614130

mORF_-_614183	614183	614254	-	6	72	TTG	TAG	0	0
mORF_-_614251	614251	614325	-	5	75	GTG	TGA	0	0
mORF_-_614273	614273	614278	-	6	6	ATG	TGA	0	0
mORF_-_614354	614354	614434	-	6	81	TTG	TAA	0	0
mORF_-_614431	614431	614493	-	5	63	TTG	TGA	0	0
mORF_-_614468	614468	614569	-	6	102	TTG	TGA	0	0
mORF_-_614503	614503	614592	-	5	90	TTG	TAA	0	0
mORF_-_614579	614579	614722	-	6	144	GTG	TAA	0	0
mORF_-_614595	614595	614771	-	4	177	TTG	TAA	0	0
mORF_-_614723	614723	614746	-	6	24	GTG	TGA	0	0
mORF_-_614749	614749	614784	-	5	36	GTG	TAA	0	0
mORF_-_614884	614884	614943	-	5	60	GTG	TAA	0	0
mORF_-_614913	614913	614948	-	4	36	ATG	TAG	0	0
mORF_-_614993	614993	615055	-	6	63	GTG	TAG	0	0
mORF_-_615045	615045	615065	-	4	21	TTG	TAA	0	0
mORF_-_615062	615062	615091	-	6	30	TTG	TGA	0	0
mORF_-_615076	615076	615099	-	5	24	TTG	TAA	0	0
mORF_-_615093	615093	615149	-	4	57	TTG	TAA	0	0
mORF_-_615121	615121	615156	-	5	36	GTG	TAA	0	0
mORF_-_615153	615153	615500	-	4	348	TTG	TGA	0	0
mORF_-_615164	615164	615169	-	6	6	GTG	TGA	0	0
mORF_-_615173	615173	615244	-	6	72	TTG	TAA	0	0
mORF_-_615269	615269	615448	-	6	180	GTG	TAA	0	0
mORF_-_615352	615352	615366	-	5	15	TTG	TAA	0	0
mORF_-_615409	615409	615477	-	5	69	ATG	TAG	0	0
mORF_-_615567	615567	615584	-	4	18	TTG	TAA	0	0
mORF_-_615588	615588	615608	-	4	21	ATG	TAA	0	0
mORF_-_615612	615612	615803	-	4	192	TTG	TAG	0	0
mORF_-_615643	615643	615678	-	5	36	GTG	TGA	0	0
mORF_-_615785	615785	615799	-	6	15	ATG	TAG	0	0
mORF_-_615953	615953	616072	-	6	120	GTG	TGA	0	0
mORF_-_615957	615957	616202	-	4	246	TTG	TAG	0	0
mORF_-_616054	616054	616218	-	5	165	GTG	TAA	0	0
mORF_-_616100	616100	616246	-	6	147	TTG	TAG	0	0
mORF_-_616219	616219	616275	-	5	57	GTG	TAA	0	0
mORF_-_616251	616251	616394	-	4	144	ATG	TAA	0	0
mORF_-_616315	616315	616497	-	5	183	TTG	TAA	0	0
mORF_-_616391	616391	616549	-	6	159	ATG	TGA	0	0
mORF_-_616425	616425	616463	-	4	39	TTG	TAA	0	0
mORF_-_616476	616476	616652	-	4	177	TTG	TGA	0	0
mORF_-_616621	616621	616650	-	5	30	GTG	TGA	0	0
mORF_-_616637	616637	616669	-	6	33	ATG	TAA	0	0
mORF_-_616660	616660	616857	-	5	198	ATG	TAA	0	0
mORF_-_616670	616670	616696	-	6	27	ATG	TGA	0	0
mORF_-_616674	616674	616736	-	4	63	ATG	TGA	0	0
mORF_-_616746	616746	616895	-	4	150	TTG	TAA	0	0
mORF_-_616775	616775	617026	-	6	252	TTG	TAA	0	0
mORF_-_616948	616948	616998	-	5	51	TTG	TAA	0	0
mORF_-_616995	616995	617192	-	4	198	ATG	TGA	0	0
mORF_-_617008	617008	617112	-	5	105	GTG	TAA	0	0
mORF_-_617060	617060	617110	-	6	51	GTG	TGA	0	0
mORF_-_617236	617236	617247	-	5	12	TTG	TAA	0	0
mORF_-_617250	617250	617369	-	4	120	ATG	TAG	0	0
mORF_-_617273	617273	617284	-	6	12	ATG	TAA	0	0
mORF_-_617384	617384	617389	-	6	6	TTG	TAA	0	0
mORF_-_617393	617393	617416	-	6	24	TTG	TGA	0	0
mORF_-_617410	617410	617478	-	5	69	ATG	TGA	0	0
mORF_-_617463	617463	617486	-	4	24	GTG	TGA	0	0
mORF_-_617483	617483	617515	-	6	33	ATG	TGA	0	0
mORF_-_617524	617524	617691	-	5	168	GTG	TAA	0	0
mORF_-_617582	617582	617716	-	6	135	TTG	TAA	0	0
mORF_-_617688	617688	617732	-	4	45	ATG	TGA	0	0
mORF_-_617707	617707	617802	-	5	96	TTG	TGA	0	0

mORF_-_617763	617763	617786	-	4	24	ATG	TGA	0	0	
mORF_-_617817	617817	617978	-	4	162	GTG	TAA	0	0	
mORF_-_617846	617846	617866	-	6	21	TTG	TGA	0	0	
mORF_-_617851	617851	617949	-	5	99	TTG	TAA	0	0	
mORF_-_617867	617867	617902	-	6	36	ATG	TAA	0	0	
mORF_-_618003	618003	618014	-	4	12	TTG	TAA	0	0	
mORF_-_618055	618055	618117	-	5	63	TTG	TAA	0	0	
mORF_-_618086	618086	618172	-	6	87	TTG	TAG	0	0	
mORF_-_618145	618145	618156	-	5	12	ATG	TGA	0	0	
mORF_-_618156	618156	618182	-	4	27	TTG	TAA	0	0	
mORF_-_618169	618169	618186	-	5	18	ATG	TGA	0	0	
mORF_-_618187	618187	618198	-	5	12	TTG	TGA	0	0	
mORF_-_618195	618195	618206	-	4	12	GTG	TGA	0	0	
mORF_-_618199	618199	618219	-	5	21	TTG	TAA	0	0	
mORF_-_618256	618256	618417	-	5	162	TTG	TGA	0	0	
mORF_-_618339	618339	618410	-	4	72	GTG	TGA	0	0	
mORF_-_618368	618368	618397	-	6	30	TTG	TAA	0	0	
mORF_-_618398	618398	618412	-	6	15	ATG	TAA	0	0	
mORF_-_618438	618438	618461	-	4	24	ATG	TAA	0	0	
mORF_-_618458	618458	618601	-	6	144	GTG	TGA	0	0	
mORF_-_618495	618495	618680	-	4	186	TTG	TAA	0	0	
mORF_-_618556	618556	618588	-	5	33	ATG	TAG	0	0	
mORF_-_618607	618607	619563	-	5	957	ATG	TAA	3	4	pORF_-_618607
mORF_-_618684	618684	618713	-	4	30	TTG	TGA	0	0	
mORF_-_618714	618714	618779	-	4	66	TTG	TGA	0	0	
mORF_-_618864	618864	618884	-	4	21	TTG	TAA	0	0	
mORF_-_618881	618881	618967	-	6	87	GTG	TGA	0	0	
mORF_-_619050	619050	619241	-	4	192	ATG	TAA	0	0	
mORF_-_619263	619263	619328	-	4	66	ATG	TAA	0	0	
mORF_-_619344	619344	619373	-	4	30	ATG	TGA	0	0	
mORF_-_619419	619419	620411	-	4	993	ATG	TGA	0	0	
mORF_-_619442	619442	619492	-	6	51	TTG	TAA	0	0	
mORF_-_619577	619577	619615	-	6	39	TTG	TAA	0	0	
mORF_-_619600	619600	619740	-	5	141	GTG	TAG	0	0	
mORF_-_619628	619628	619690	-	6	63	TTG	TAG	0	0	
mORF_-_619700	619700	619798	-	6	99	TTG	TAA	0	0	
mORF_-_619747	619747	619875	-	5	129	GTG	TGA	1	8	pORF_-_619747
mORF_-_619847	619847	619870	-	6	24	ATG	TGA	0	0	
mORF_-_619927	619927	620112	-	5	186	GTG	TAA	0	0	
mORF_-_619970	619970	620032	-	6	63	TTG	TGA	0	0	
mORF_-_620066	620066	620080	-	6	15	TTG	TGA	0	0	
mORF_-_620155	620155	620418	-	5	264	GTG	TAA	0	0	
mORF_-_620162	620162	620206	-	6	45	TTG	TGA	0	0	
mORF_-_620258	620258	620275	-	6	18	ATG	TGA	0	0	
mORF_-_620282	620282	620356	-	6	75	GTG	TGA	0	0	
mORF_-_620408	620408	621424	-	6	1017	ATG	TGA	0	0	
mORF_-_620427	620427	620600	-	4	174	TTG	TAA	0	0	
mORF_-_620446	620446	620505	-	5	60	TTG	TGA	0	0	
mORF_-_620506	620506	620589	-	5	84	GTG	TGA	0	0	
mORF_-_620620	620620	620646	-	5	27	TTG	TGA	0	0	
mORF_-_620647	620647	620694	-	5	48	TTG	TAG	0	0	
mORF_-_620661	620661	620669	-	4	9	TTG	TAG	0	0	
mORF_-_620974	620974	621012	-	5	39	TTG	TAA	0	0	
mORF_-_621013	621013	621105	-	5	93	TTG	TGA	0	0	
mORF_-_621121	621121	621147	-	5	27	TTG	TGA	0	0	
mORF_-_621172	621172	621219	-	5	48	TTG	TAA	0	0	
mORF_-_621295	621295	621324	-	5	30	TTG	TAG	0	0	
mORF_-_621352	621352	621381	-	5	30	TTG	TGA	0	0	
mORF_-_621391	621391	621399	-	5	9	TTG	TGA	0	0	
mORF_-_621435	621435	621473	-	4	39	ATG	TAA	0	0	
mORF_-_621481	621481	621570	-	5	90	GTG	TAG	0	0	
mORF_-_621495	621495	621674	-	4	180	GTG	TAA	0	0	
mORF_-_621602	621602	621667	-	6	66	GTG	TGA	0	0	

mORF_-_621607	621607	621669	-	5	63	ATG	TGA	0	0	
mORF_-_621756	621756	621812	-	4	57	ATG	TAG	0	0	
mORF_-_621824	621824	621895	-	6	72	ATG	TAA	0	0	
mORF_-_621861	621861	622013	-	4	153	ATG	TAG	0	0	
mORF_-_621905	621905	621934	-	6	30	GTG	TAA	0	0	
mORF_-_622056	622056	622277	-	4	222	TTG	TAG	0	0	
mORF_-_622085	622085	622297	-	6	213	GTG	TAA	0	0	
mORF_-_622102	622102	622146	-	5	45	ATG	TAA	0	0	
mORF_-_622311	622311	622607	-	4	297	ATG	TAG	0	0	
mORF_-_622337	622337	622369	-	6	33	GTG	TAG	0	0	
mORF_-_622348	622348	622371	-	5	24	ATG	TAA	0	0	
mORF_-_622459	622459	622539	-	5	81	TTG	TAA	0	0	
mORF_-_622502	622502	622525	-	6	24	TTG	TGA	0	0	
mORF_-_622565	622565	622663	-	6	99	TTG	TAA	0	0	
mORF_-_622702	622702	622731	-	5	30	ATG	TAA	0	0	
mORF_-_622770	622770	622961	-	4	192	ATG	TAA	0	0	
mORF_-_622777	622777	623733	-	5	957	GTG	TAA	7	24	pORF_-_622777
mORF_-_622962	622962	623033	-	4	72	ATG	TAA	0	0	
mORF_-_623034	623034	623258	-	4	225	TTG	TAA	0	0	
mORF_-_623304	623304	623336	-	4	33	ATG	TAA	0	0	
mORF_-_623369	623369	623470	-	6	102	GTG	TAG	0	0	
mORF_-_623379	623379	623492	-	4	114	ATG	TGA	0	0	
mORF_-_623532	623532	623546	-	4	15	TTG	TGA	0	0	
mORF_-_623565	623565	623624	-	4	60	GTG	TGA	0	0	
mORF_-_623730	623730	623735	-	4	6	TTG	TGA	0	0	
mORF_-_623737	623737	623946	-	5	210	TTG	TGA	0	0	
mORF_-_623760	623760	623861	-	4	102	ATG	TAA	0	0	
mORF_-_623919	623919	623924	-	4	6	ATG	TGA	0	0	
mORF_-_623930	623930	623986	-	6	57	TTG	TAA	0	0	
mORF_-_623962	623962	624024	-	5	63	ATG	TGA	0	0	
mORF_-_624006	624006	624014	-	4	9	TTG	TAA	0	0	
mORF_-_624040	624040	624153	-	5	114	GTG	TAA	0	0	
mORF_-_624045	624045	624092	-	4	48	ATG	TAA	0	0	
mORF_-_624089	624089	624316	-	6	228	TTG	TGA	0	0	
mORF_-_624204	624204	624485	-	4	282	TTG	TGA	0	0	
mORF_-_624313	624313	624426	-	5	114	GTG	TGA	0	0	
mORF_-_624404	624404	624592	-	6	189	ATG	TGA	0	0	
mORF_-_624433	624433	624522	-	5	90	GTG	TGA	0	0	
mORF_-_624523	624523	624561	-	5	39	GTG	TAA	0	0	
mORF_-_624558	624558	624653	-	4	96	ATG	TGA	0	0	
mORF_-_624641	624641	624736	-	6	96	ATG	TAA	0	0	
mORF_-_624727	624727	624906	-	5	180	GTG	TAA	0	0	
mORF_-_624810	624810	624833	-	4	24	ATG	TGA	0	0	
mORF_-_624845	624845	624919	-	6	75	GTG	TGA	0	0	
mORF_-_624885	624885	625034	-	4	150	ATG	TAA	0	0	
mORF_-_624913	624913	624981	-	5	69	GTG	TGA	0	0	
mORF_-_625034	625034	625144	-	6	111	ATG	TGA	0	0	
mORF_-_625051	625051	625215	-	5	165	GTG	TAA	0	0	
mORF_-_625169	625169	625258	-	6	90	ATG	TGA	0	0	
mORF_-_625212	625212	625394	-	4	183	ATG	TGA	0	0	
mORF_-_625252	625252	625305	-	5	54	ATG	TAG	0	0	
mORF_-_625280	625280	625309	-	6	30	GTG	TAA	0	0	
mORF_-_625352	625352	625411	-	6	60	ATG	TAG	0	0	
mORF_-_625485	625485	625799	-	4	315	ATG	TAA	1	3	pORF_-_625485
mORF_-_625493	625493	625501	-	6	9	ATG	TGA	0	0	
mORF_-_625606	625606	625659	-	5	54	ATG	TGA	0	0	
mORF_-_625634	625634	625822	-	6	189	GTG	TAG	0	0	
mORF_-_625813	625813	625881	-	5	69	GTG	TAA	0	0	
mORF_-_625827	625827	626105	-	4	279	ATG	TGA	0	0	
mORF_-_625847	625847	625900	-	6	54	GTG	TAG	0	0	
mORF_-_625946	625946	625954	-	6	9	GTG	TGA	0	0	
mORF_-_625951	625951	626091	-	5	141	ATG	TGA	0	0	
mORF_-_625997	625997	626077	-	6	81	GTG	TAG	0	0	

mORF_-_626105	626105	626236	-	6	132	GTG	TGA	0	0
mORF_-_626116	626116	626133	-	5	18	GTG	TAA	0	0
mORF_-_626140	626140	626223	-	5	84	GTG	TGA	0	0
mORF_-_626205	626205	626654	-	4	450	GTG	TAA	0	0
mORF_-_626270	626270	626293	-	6	24	ATG	TGA	0	0
mORF_-_626312	626312	626317	-	6	6	GTG	TAG	0	0
mORF_-_626344	626344	626487	-	5	144	GTG	TAA	0	0
mORF_-_626360	626360	626461	-	6	102	GTG	TAA	0	0
mORF_-_626474	626474	626515	-	6	42	TTG	TAA	0	0
mORF_-_626561	626561	626569	-	6	9	GTG	TAA	0	0
mORF_-_626596	626596	626676	-	5	81	GTG	TAA	0	0
mORF_-_626666	626666	626686	-	6	21	ATG	TAG	0	0
mORF_-_626794	626794	626895	-	5	102	ATG	TAA	0	0
mORF_-_626826	626826	626867	-	4	42	TTG	TGA	0	0
mORF_-_626895	626895	626915	-	4	21	GTG	TGA	0	0
mORF_-_626921	626921	626947	-	6	27	GTG	TAG	0	0
mORF_-_626932	626932	627003	-	5	72	TTG	TAA	0	0
mORF_-_627016	627016	627474	-	5	459	ATG	TAA	0	0
mORF_-_627111	627111	627128	-	4	18	TTG	TAG	0	0
mORF_-_627141	627141	627272	-	4	132	GTG	TAA	0	0
mORF_-_627303	627303	627626	-	4	324	TTG	TGA	0	0
mORF_-_627359	627359	627409	-	6	51	ATG	TAA	0	0
mORF_-_627458	627458	627544	-	6	87	GTG	TGA	0	0
mORF_-_627532	627532	627693	-	5	162	ATG	TAA	0	0
mORF_-_627636	627636	627956	-	4	321	TTG	TAG	0	0
mORF_-_627827	627827	627835	-	6	9	GTG	TAG	0	0
mORF_-_627881	627881	627892	-	6	12	GTG	TGA	0	0
mORF_-_627962	627962	628027	-	6	66	ATG	TGA	0	0
mORF_-_628020	628020	628469	-	4	450	ATG	TAA	0	0
mORF_-_628040	628040	628117	-	6	78	ATG	TGA	0	0
mORF_-_628133	628133	628195	-	6	63	ATG	TGA	0	0
mORF_-_628153	628153	628212	-	5	60	ATG	TGA	0	0
mORF_-_628202	628202	628540	-	6	339	ATG	TAA	0	0
mORF_-_628381	628381	628419	-	5	39	GTG	TAA	0	0
mORF_-_628471	628471	628578	-	5	108	GTG	TAA	0	0
mORF_-_628503	628503	628580	-	4	78	TTG	TGA	0	0
mORF_-_628541	628541	628663	-	6	123	ATG	TAA	0	0
mORF_-_628663	628663	628770	-	5	108	GTG	TGA	0	0
mORF_-_628679	628679	628852	-	6	174	TTG	TAG	0	0
mORF_-_628776	628776	628787	-	4	12	GTG	TAA	0	0
mORF_-_628855	628855	628905	-	5	51	GTG	TGA	0	0
mORF_-_628974	628974	629114	-	4	141	TTG	TAA	0	0
mORF_-_629029	629029	629214	-	5	186	TTG	TAA	0	0
mORF_-_629066	629066	629077	-	6	12	TTG	TAA	0	0
mORF_-_629115	629115	629171	-	4	57	ATG	TAG	0	0
mORF_-_629192	629192	629680	-	6	489	ATG	TAA	0	0
mORF_-_629269	629269	629289	-	5	21	TTG	TAA	0	0
mORF_-_629353	629353	629370	-	5	18	TTG	TAG	0	0
mORF_-_629386	629386	629403	-	5	18	ATG	TGA	0	0
mORF_-_629452	629452	629634	-	5	183	ATG	TAG	0	0
mORF_-_629568	629568	629588	-	4	21	TTG	TGA	0	0
mORF_-_629634	629634	629696	-	4	63	ATG	TAA	0	0
mORF_-_629677	629677	629715	-	5	39	ATG	TGA	0	0
mORF_-_629749	629749	629814	-	5	66	ATG	TAG	0	0
mORF_-_629814	629814	629855	-	4	42	GTG	TAA	0	0
mORF_-_629936	629936	630142	-	6	207	ATG	TAA	0	0
mORF_-_629956	629956	630165	-	5	210	GTG	TAG	0	0
mORF_-_630208	630208	630438	-	5	231	ATG	TAG	0	0
mORF_-_630384	630384	630389	-	4	6	GTG	TAA	0	0
mORF_-_630398	630398	630535	-	6	138	GTG	TAG	0	0
mORF_-_630435	630435	630557	-	4	123	GTG	TGA	0	0
mORF_-_630481	630481	630510	-	5	30	ATG	TAG	0	0
mORF_-_630532	630532	630543	-	5	12	ATG	TGA	0	0

mORF_-_630603	630603	630659	-	4	57	GTG	TAA	0	0	
mORF_-_630656	630656	630844	-	6	189	TTG	TGA	0	0	
mORF_-_630666	630666	630680	-	4	15	TTG	TAG	0	0	
mORF_-_630718	630718	630831	-	5	114	TTG	TGA	0	0	
mORF_-_630828	630828	630872	-	4	45	TTG	TGA	0	0	
mORF_-_630847	630847	631065	-	5	219	ATG	TAA	0	0	
mORF_-_630957	630957	631016	-	4	60	GTG	TAG	0	0	
mORF_-_631013	631013	631027	-	6	15	TTG	TGA	0	0	
mORF_-_631058	631058	631219	-	6	162	GTG	TAA	0	0	
mORF_-_631071	631071	631097	-	4	27	GTG	TAA	0	0	
mORF_-_631107	631107	631217	-	4	111	GTG	TAA	0	0	
mORF_-_631259	631259	631423	-	6	165	TTG	TAA	0	0	
mORF_-_631279	631279	631359	-	5	81	GTG	TGA	0	0	
mORF_-_631356	631356	631403	-	4	48	TTG	TGA	0	0	
mORF_-_631438	631438	631521	-	5	84	TTG	TAA	0	0	
mORF_-_631476	631476	631484	-	4	9	TTG	TAA	0	0	
mORF_-_631599	631599	631649	-	4	51	GTG	TAG	0	0	
mORF_-_631612	631612	632700	-	5	1089	ATG	TGA	7	17	pORF_-_631612
mORF_-_631665	631665	631718	-	4	54	TTG	TGA	0	0	
mORF_-_631806	631806	631826	-	4	21	ATG	TAA	0	0	
mORF_-_631911	631911	632009	-	4	99	ATG	TGA	0	0	
mORF_-_631919	631919	632014	-	6	96	TTG	TAA	0	0	
mORF_-_632070	632070	632099	-	4	30	ATG	TAA	0	0	
mORF_-_632121	632121	632429	-	4	309	TTG	TAA	0	0	
mORF_-_632162	632162	632170	-	6	9	ATG	TGA	0	0	
mORF_-_632430	632430	632609	-	4	180	ATG	TGA	0	0	
mORF_-_632456	632456	632587	-	6	132	GTG	TGA	0	0	
mORF_-_632660	632660	632752	-	6	93	TTG	TAA	0	0	
mORF_-_632721	632721	632732	-	4	12	ATG	TAA	0	0	
mORF_-_632733	632733	632762	-	4	30	ATG	TAG	0	0	
mORF_-_632756	632756	632848	-	6	93	GTG	TAG	0	0	
mORF_-_632767	632767	632784	-	5	18	GTG	TAA	0	0	
mORF_-_632778	632778	632870	-	4	93	GTG	TGA	0	0	
mORF_-_632794	632794	632919	-	5	126	TTG	TGA	0	0	
mORF_-_632906	632906	632989	-	6	84	TTG	TAA	0	0	
mORF_-_632946	632946	633005	-	4	60	ATG	TAG	0	0	
mORF_-_632950	632950	633069	-	5	120	TTG	TAA	0	0	
mORF_-_633066	633066	633149	-	4	84	TTG	TGA	0	0	
mORF_-_633118	633118	633252	-	5	135	ATG	TAA	0	0	
mORF_-_633131	633131	633283	-	6	153	ATG	TAA	0	0	
mORF_-_633189	633189	633407	-	4	219	ATG	TAA	0	0	
mORF_-_633286	633286	633429	-	5	144	GTG	TAA	0	0	
mORF_-_633314	633314	633340	-	6	27	TTG	TGA	0	0	
mORF_-_633420	633420	633515	-	4	96	TTG	TAG	0	0	
mORF_-_633431	633431	633508	-	6	78	ATG	TGA	0	0	
mORF_-_633439	633439	633471	-	5	33	ATG	TGA	0	0	
mORF_-_633505	633505	633594	-	5	90	ATG	TGA	0	0	
mORF_-_633546	633546	633587	-	4	42	TTG	TAA	0	0	
mORF_-_633569	633569	633766	-	6	198	ATG	TGA	0	0	
mORF_-_633649	633649	633669	-	5	21	ATG	TAG	0	0	
mORF_-_633748	633748	633894	-	5	147	ATG	TAA	0	0	
mORF_-_633783	633783	633920	-	4	138	TTG	TAA	0	0	
mORF_-_633797	633797	633892	-	6	96	GTG	TAG	1	0	pORF_-_633797
mORF_-_633966	633966	634010	-	4	45	TTG	TAA	0	0	
mORF_-_633970	633970	634599	-	5	630	ATG	TAG	0	0	
mORF_-_634038	634038	634157	-	4	120	GTG	TGA	0	0	
mORF_-_634088	634088	634099	-	6	12	ATG	TAA	0	0	
mORF_-_634248	634248	634352	-	4	105	ATG	TAA	0	0	
mORF_-_634353	634353	634532	-	4	180	ATG	TAG	0	0	
mORF_-_634439	634439	634456	-	6	18	TTG	TAA	0	0	
mORF_-_634572	634572	635792	-	4	1221	ATG	TAA	1	2	pORF_-_634572
mORF_-_634616	634616	634870	-	6	255	ATG	TAA	0	0	
mORF_-_634660	634660	634680	-	5	21	GTG	TAG	0	0	

mORF_-_634690	634690	634710	-	5	21	ATG	TAA	0	0	
mORF_-_634883	634883	634954	-	6	72	GTG	TAG	0	0	
mORF_-_634930	634930	635058	-	5	129	TTG	TGA	0	0	
mORF_-_634958	634958	635047	-	6	90	TTG	TAA	0	0	
mORF_-_635096	635096	635236	-	6	141	TTG	TAA	0	0	
mORF_-_635249	635249	635293	-	6	45	GTG	TAA	0	0	
mORF_-_635284	635284	635337	-	5	54	ATG	TGA	0	0	
mORF_-_635306	635306	635356	-	6	51	TTG	TGA	0	0	
mORF_-_635398	635398	635439	-	5	42	ATG	TGA	0	0	
mORF_-_635408	635408	635644	-	6	237	TTG	TAA	0	0	
mORF_-_635446	635446	635466	-	5	21	ATG	TGA	0	0	
mORF_-_635572	635572	635703	-	5	132	TTG	TAA	0	0	
mORF_-_635666	635666	635701	-	6	36	GTG	TAA	0	0	
mORF_-_635845	635845	635886	-	5	42	ATG	TAA	0	0	
mORF_-_635913	635913	635942	-	4	30	TTG	TAA	0	0	
mORF_-_635932	635932	635952	-	5	21	ATG	TAA	0	0	
mORF_-_635939	635939	636841	-	6	903	ATG	TGA	0	0	
mORF_-_635953	635953	635964	-	5	12	TTG	TAA	0	0	
mORF_-_636058	636058	636096	-	5	39	ATG	TAA	0	0	
mORF_-_636103	636103	636129	-	5	27	TTG	TAG	0	0	
mORF_-_636145	636145	636162	-	5	18	GTG	TGA	0	0	
mORF_-_636196	636196	636219	-	5	24	TTG	TAG	0	0	
mORF_-_636238	636238	636273	-	5	36	ATG	TAA	0	0	
mORF_-_636309	636309	636350	-	4	42	TTG	TAG	0	0	
mORF_-_636385	636385	636459	-	5	75	TTG	TGA	0	0	
mORF_-_636447	636447	636455	-	4	9	GTG	TGA	0	0	
mORF_-_636507	636507	636515	-	4	9	TTG	TAA	0	0	
mORF_-_636571	636571	636612	-	5	42	TTG	TAG	0	0	
mORF_-_636628	636628	636696	-	5	69	GTG	TAA	0	0	
mORF_-_636759	636759	636785	-	4	27	GTG	TAG	0	0	
mORF_-_636766	636766	636798	-	5	33	TTG	TAA	0	0	
mORF_-_636786	636786	636881	-	4	96	GTG	TGA	0	0	
mORF_-_636820	636820	636870	-	5	51	ATG	TGA	0	0	
mORF_-_636878	636878	636889	-	6	12	TTG	TGA	0	0	
mORF_-_636942	636942	636992	-	4	51	ATG	TAA	0	0	
mORF_-_636952	636952	636969	-	5	18	GTG	TAG	0	0	
mORF_-_636970	636970	637035	-	5	66	ATG	TAA	0	0	
mORF_-_636999	636999	637031	-	4	33	TTG	TAA	0	0	
mORF_-_637028	637028	637039	-	6	12	ATG	TGA	0	0	
mORF_-_637050	637050	637856	-	4	807	ATG	TAA	5	7	pORF_-_637050
mORF_-_637127	637127	637153	-	6	27	ATG	TGA	0	0	
mORF_-_637172	637172	637189	-	6	18	GTG	TGA	0	0	
mORF_-_637232	637232	637342	-	6	111	TTG	TAA	0	0	
mORF_-_637258	637258	637383	-	5	126	GTG	TGA	0	0	
mORF_-_637376	637376	637459	-	6	84	ATG	TAG	0	0	
mORF_-_637408	637408	637413	-	5	6	TTG	TAA	0	0	
mORF_-_637465	637465	637506	-	5	42	GTG	TAA	0	0	
mORF_-_637556	637556	637609	-	6	54	ATG	TGA	0	0	
mORF_-_637664	637664	637717	-	6	54	TTG	TGA	0	0	
mORF_-_637814	637814	637840	-	6	27	ATG	TGA	0	0	
mORF_-_637853	637853	637972	-	6	120	TTG	TGA	0	0	
mORF_-_637872	637872	637940	-	4	69	GTG	TGA	0	0	
mORF_-_637981	637981	638049	-	5	69	GTG	TGA	0	0	
mORF_-_637986	637986	637997	-	4	12	GTG	TAA	0	0	
mORF_-_638015	638015	638122	-	6	108	TTG	TAA	0	0	
mORF_-_638022	638022	638042	-	4	21	TTG	TAA	0	0	
mORF_-_638046	638046	638051	-	4	6	TTG	TGA	0	0	
mORF_-_638107	638107	638241	-	5	135	GTG	TAA	0	0	
mORF_-_638135	638135	638788	-	6	654	GTG	TAA	0	0	
mORF_-_638199	638199	638213	-	4	15	ATG	TAA	0	0	
mORF_-_638392	638392	638625	-	5	234	TTG	TGA	0	0	
mORF_-_638397	638397	638411	-	4	15	ATG	TGA	0	0	
mORF_-_638556	638556	638567	-	4	12	TTG	TGA	0	0	

mORF_-_638622	638622	638633	-	4	12	GTG	TGA	0	0	
mORF_-_638670	638670	638816	-	4	147	GTG	TAG	0	0	
mORF_-_638746	638746	638754	-	5	9	ATG	TGA	0	0	
mORF_-_638813	638813	638860	-	6	48	GTG	TGA	0	0	
mORF_-_638820	638820	639002	-	4	183	TTG	TAG	0	0	
mORF_-_638857	638857	638913	-	5	57	TTG	TGA	0	0	
mORF_-_638861	638861	638986	-	6	126	GTG	TAG	0	0	
mORF_-_638956	638956	638988	-	5	33	TTG	TAA	0	0	
mORF_-_638999	638999	639007	-	6	9	TTG	TGA	0	0	
mORF_-_639011	639011	639238	-	6	228	GTG	TAA	0	0	
mORF_-_639114	639114	639428	-	4	315	GTG	TGA	0	0	
mORF_-_639175	639175	639204	-	5	30	GTG	TGA	0	0	
mORF_-_639347	639347	639475	-	6	129	TTG	TAA	0	0	
mORF_-_639421	639421	639435	-	5	15	TTG	TGA	0	0	
mORF_-_639463	639463	639921	-	5	459	GTG	TGA	0	0	
mORF_-_639521	639521	639601	-	6	81	TTG	TGA	0	0	
mORF_-_639621	639621	640289	-	4	669	GTG	TAA	0	0	
mORF_-_639662	639662	639682	-	6	21	ATG	TAA	0	0	
mORF_-_639746	639746	639751	-	6	6	ATG	TAG	0	0	
mORF_-_639800	639800	639850	-	6	51	TTG	TGA	0	0	
mORF_-_639884	639884	639961	-	6	78	ATG	TGA	0	0	
mORF_-_639928	639928	639948	-	5	21	TTG	TAA	0	0	
mORF_-_639980	639980	639994	-	6	15	TTG	TGA	0	0	
mORF_-_640004	640004	640243	-	6	240	TTG	TAG	0	0	
mORF_-_640054	640054	640089	-	5	36	TTG	TAA	0	0	
mORF_-_640286	640286	640492	-	6	207	TTG	TGA	0	0	
mORF_-_640468	640468	640539	-	5	72	ATG	TGA	0	0	
mORF_-_640514	640514	640672	-	6	159	TTG	TAG	0	0	
mORF_-_640600	640600	640608	-	5	9	ATG	TAA	0	0	
mORF_-_640650	640650	640661	-	4	12	TTG	TAA	0	0	
mORF_-_640662	640662	641090	-	4	429	ATG	TAA	39	1037	pORF_-_640662
mORF_-_640721	640721	640759	-	6	39	TTG	TAG	0	0	
mORF_-_640763	640763	640939	-	6	177	TTG	TAG	0	0	
mORF_-_640952	640952	641002	-	6	51	ATG	TGA	0	0	
mORF_-_641042	641042	641131	-	6	90	ATG	TGA	0	0	
mORF_-_641110	641110	641124	-	5	15	ATG	TGA	0	0	
mORF_-_641121	641121	641207	-	4	87	GTG	TGA	0	0	
mORF_-_641143	641143	641703	-	5	561	GTG	TAA	0	0	
mORF_-_641204	641204	641338	-	6	135	GTG	TGA	0	0	
mORF_-_641271	641271	641312	-	4	42	ATG	TAA	0	0	
mORF_-_641405	641405	641413	-	6	9	TTG	TAA	0	0	
mORF_-_641442	641442	641453	-	4	12	TTG	TAA	0	0	
mORF_-_641487	641487	641657	-	4	171	TTG	TGA	0	0	
mORF_-_641654	641654	641686	-	6	33	ATG	TGA	0	0	
mORF_-_641771	641771	641929	-	6	159	GTG	TAA	0	0	
mORF_-_641791	641791	641868	-	5	78	TTG	TGA	0	0	
mORF_-_641872	641872	641985	-	5	114	ATG	TGA	1	6	pORF_-_641872
mORF_-_642017	642017	642052	-	6	36	TTG	TAA	0	0	
mORF_-_642049	642049	642321	-	5	273	GTG	TGA	0	0	
mORF_-_642072	642072	642131	-	4	60	GTG	TGA	0	0	
mORF_-_642186	642186	642218	-	4	33	ATG	TGA	0	0	
mORF_-_642296	642296	642325	-	6	30	ATG	TAA	0	0	
mORF_-_642361	642361	642483	-	5	123	TTG	TAA	0	0	
mORF_-_642383	642383	642907	-	6	525	GTG	TAA	0	0	
mORF_-_642553	642553	642741	-	5	189	ATG	TGA	0	0	
mORF_-_642645	642645	642752	-	4	108	TTG	TAA	0	0	
mORF_-_642780	642780	643190	-	4	411	ATG	TAA	12	212	pORF_-_642780
mORF_-_642947	642947	642991	-	6	45	ATG	TGA	0	0	
mORF_-_643009	643009	643062	-	5	54	GTG	TAA	0	0	
mORF_-_643088	643088	643156	-	6	69	ATG	TAA	0	0	
mORF_-_643165	643165	643344	-	5	180	TTG	TAA	0	0	
mORF_-_643193	643193	643240	-	6	48	TTG	TAA	0	0	
mORF_-_643272	643272	643304	-	4	33	GTG	TAA	0	0	

mORF_-_643277	643277	643282	-	6	6	ATG	TGA	0	0	
mORF_-_643301	643301	643354	-	6	54	ATG	TGA	0	0	
mORF_-_643323	643323	643328	-	4	6	ATG	TGA	0	0	
mORF_-_643395	643395	643439	-	4	45	TTG	TAA	0	0	
mORF_-_643420	643420	644244	-	5	825	ATG	TAA	17	42	pORF_-_643420
mORF_-_643440	643440	643457	-	4	18	GTG	TGA	0	0	
mORF_-_643559	643559	643570	-	6	12	GTG	TAA	0	0	
mORF_-_643587	643587	643634	-	4	48	GTG	TGA	0	0	
mORF_-_643641	643641	643667	-	4	27	TTG	TGA	0	0	
mORF_-_643704	643704	643820	-	4	117	GTG	TGA	0	0	
mORF_-_643821	643821	643994	-	4	174	ATG	TAA	0	0	
mORF_-_643826	643826	643921	-	6	96	TTG	TAA	0	0	
mORF_-_643970	643970	643987	-	6	18	GTG	TAA	0	0	
mORF_-_644001	644001	644135	-	4	135	ATG	TGA	0	0	
mORF_-_644009	644009	644044	-	6	36	ATG	TGA	0	0	
mORF_-_644057	644057	644086	-	6	30	TTG	TAA	0	0	
mORF_-_644207	644207	644248	-	6	42	ATG	TAA	0	0	
mORF_-_644241	644241	644252	-	4	12	GTG	TGA	0	0	
mORF_-_644266	644266	644274	-	5	9	ATG	TAA	0	0	
mORF_-_644317	644317	644532	-	5	216	GTG	TAA	0	0	
mORF_-_644321	644321	644371	-	6	51	TTG	TGA	0	0	
mORF_-_644340	644340	645803	-	4	1464	ATG	TAA	0	0	
mORF_-_644396	644396	644416	-	6	21	TTG	TGA	0	0	
mORF_-_644438	644438	644449	-	6	12	GTG	TGA	0	0	
mORF_-_644462	644462	644482	-	6	21	ATG	TGA	0	0	
mORF_-_644489	644489	644659	-	6	171	TTG	TGA	0	0	
mORF_-_644699	644699	644722	-	6	24	TTG	TGA	0	0	
mORF_-_644746	644746	644790	-	5	45	ATG	TAA	0	0	
mORF_-_644753	644753	644827	-	6	75	TTG	TGA	0	0	
mORF_-_644797	644797	644820	-	5	24	TTG	TAA	0	0	
mORF_-_644843	644843	644896	-	6	54	TTG	TAA	0	0	
mORF_-_644887	644887	644943	-	5	57	GTG	TGA	0	0	
mORF_-_644909	644909	644932	-	6	24	TTG	TAG	0	0	
mORF_-_644954	644954	644962	-	6	9	GTG	TGA	0	0	
mORF_-_644972	644972	645178	-	6	207	TTG	TGA	0	0	
mORF_-_645004	645004	645099	-	5	96	GTG	TGA	0	0	
mORF_-_645202	645202	645219	-	5	18	GTG	TAG	0	0	
mORF_-_645221	645221	645376	-	6	156	ATG	TGA	0	0	
mORF_-_645410	645410	645427	-	6	18	TTG	TGA	0	0	
mORF_-_645437	645437	645454	-	6	18	ATG	TAG	0	0	
mORF_-_645451	645451	645525	-	5	75	ATG	TGA	0	0	
mORF_-_645458	645458	645481	-	6	24	TTG	TAG	0	0	
mORF_-_645527	645527	645547	-	6	21	ATG	TGA	0	0	
mORF_-_645563	645563	645622	-	6	60	TTG	TAG	0	0	
mORF_-_645592	645592	645780	-	5	189	ATG	TAA	0	0	
mORF_-_645659	645659	645670	-	6	12	TTG	TGA	0	0	
mORF_-_645671	645671	645748	-	6	78	GTG	TGA	0	0	
mORF_-_645794	645794	645841	-	6	48	TTG	TAG	0	0	
mORF_-_645854	645854	646732	-	6	879	ATG	TAA	0	0	
mORF_-_645883	645883	646050	-	5	168	TTG	TGA	0	0	
mORF_-_645891	645891	645929	-	4	39	GTG	TGA	0	0	
mORF_-_646162	646162	646212	-	5	51	TTG	TGA	0	0	
mORF_-_646251	646251	646367	-	4	117	ATG	TAA	0	0	
mORF_-_646276	646276	646284	-	5	9	GTG	TGA	0	0	
mORF_-_646324	646324	646365	-	5	42	GTG	TAA	0	0	
mORF_-_646405	646405	646590	-	5	186	GTG	TAA	0	0	
mORF_-_646431	646431	646442	-	4	12	TTG	TGA	0	0	
mORF_-_646642	646642	646677	-	5	36	ATG	TGA	0	0	
mORF_-_646681	646681	646899	-	5	219	ATG	TAA	0	0	
mORF_-_646707	646707	647258	-	4	552	ATG	TAA	0	0	
mORF_-_646769	646769	646789	-	6	21	GTG	TGA	0	0	
mORF_-_646880	646880	646969	-	6	90	TTG	TGA	0	0	
mORF_-_647045	647045	647053	-	6	9	GTG	TAG	0	0	

mORF_-_647063	647063	647227	-	6	165	ATG	TGA	0	0
mORF_-_647262	647262	648836	-	4	1575	GTG	TAA	0	0
mORF_-_647270	647270	647287	-	6	18	ATG	TGA	0	0
mORF_-_647291	647291	647359	-	6	69	GTG	TGA	0	0
mORF_-_647356	647356	647391	-	5	36	GTG	TGA	0	0
mORF_-_647363	647363	647494	-	6	132	GTG	TGA	0	0
mORF_-_647516	647516	647623	-	6	108	GTG	TGA	0	0
mORF_-_647645	647645	647674	-	6	30	TTG	TGA	0	0
mORF_-_647687	647687	647821	-	6	135	ATG	TGA	0	0
mORF_-_647837	647837	647884	-	6	48	TTG	TGA	0	0
mORF_-_647939	647939	648010	-	6	72	TTG	TAA	0	0
mORF_-_648011	648011	648034	-	6	24	TTG	TGA	0	0
mORF_-_648059	648059	648109	-	6	51	TTG	TGA	0	0
mORF_-_648119	648119	648142	-	6	24	TTG	TGA	0	0
mORF_-_648188	648188	648217	-	6	30	TTG	TGA	0	0
mORF_-_648218	648218	648286	-	6	69	GTG	TAG	0	0
mORF_-_648283	648283	648489	-	5	207	TTG	TGA	0	0
mORF_-_648320	648320	648421	-	6	102	GTG	TGA	0	0
mORF_-_648470	648470	648493	-	6	24	GTG	TAG	0	0
mORF_-_648566	648566	648580	-	6	15	GTG	TGA	0	0
mORF_-_648571	648571	648657	-	5	87	GTG	TGA	0	0
mORF_-_648605	648605	648721	-	6	117	TTG	TGA	0	0
mORF_-_648679	648679	648729	-	5	51	ATG	TGA	0	0
mORF_-_648752	648752	648781	-	6	30	TTG	TAG	0	0
mORF_-_648805	648805	649728	-	5	924	ATG	TAA	0	0
mORF_-_648939	648939	649004	-	4	66	TTG	TAG	0	0
mORF_-_649020	649020	649226	-	4	207	GTG	TGA	0	0
mORF_-_649242	649242	649565	-	4	324	GTG	TGA	0	0
mORF_-_649454	649454	649465	-	6	12	ATG	TAA	0	0
mORF_-_649572	649572	649592	-	4	21	TTG	TAG	0	0
mORF_-_649596	649596	649658	-	4	63	TTG	TGA	0	0
mORF_-_649685	649685	649816	-	6	132	ATG	TAA	0	0
mORF_-_649710	649710	650006	-	4	297	ATG	TGA	0	0
mORF_-_649817	649817	649897	-	6	81	TTG	TGA	0	0
mORF_-_649955	649955	649984	-	6	30	TTG	TGA	0	0
mORF_-_649969	649969	650307	-	5	339	TTG	TGA	0	0
mORF_-_650010	650010	650024	-	4	15	ATG	TGA	0	0
mORF_-_650021	650021	651166	-	6	1146	GTG	TGA	0	0
mORF_-_650202	650202	650288	-	4	87	TTG	TGA	0	0
mORF_-_650317	650317	650322	-	5	6	GTG	TAA	0	0
mORF_-_650356	650356	650451	-	5	96	GTG	TGA	0	0
mORF_-_650361	650361	650378	-	4	18	TTG	TGA	0	0
mORF_-_650400	650400	650414	-	4	15	TTG	TAA	0	0
mORF_-_650488	650488	650514	-	5	27	ATG	TAA	0	0
mORF_-_650511	650511	650759	-	4	249	GTG	TGA	0	0
mORF_-_650587	650587	650604	-	5	18	ATG	TGA	0	0
mORF_-_650626	650626	650640	-	5	15	TTG	TGA	0	0
mORF_-_650668	650668	650682	-	5	15	ATG	TGA	0	0
mORF_-_650740	650740	650823	-	5	84	ATG	TGA	0	0
mORF_-_650854	650854	650946	-	5	93	ATG	TGA	0	0
mORF_-_650883	650883	650900	-	4	18	ATG	TGA	0	0
mORF_-_650901	650901	650930	-	4	30	GTG	TAA	0	0
mORF_-_650953	650953	650985	-	5	33	TTG	TAA	0	0
mORF_-_650989	650989	651003	-	5	15	ATG	TGA	0	0
mORF_-_651049	651049	651069	-	5	21	ATG	TAA	0	0
mORF_-_651066	651066	651218	-	4	153	ATG	TGA	0	0
mORF_-_651133	651133	651144	-	5	12	TTG	TGA	0	0
mORF_-_651250	651250	651258	-	5	9	GTG	TAA	0	0
mORF_-_651255	651255	651260	-	4	6	ATG	TGA	0	0
mORF_-_651353	651353	651379	-	6	27	ATG	TAA	0	0
mORF_-_651389	651389	651499	-	6	111	TTG	TAG	0	0
mORF_-_651411	651411	651458	-	4	48	TTG	TAA	0	0
mORF_-_651415	651415	651420	-	5	6	ATG	TAA	0	0

mORF_-_651424	651424	651558	-	5	135	ATG	TGA	0	0	
mORF_-_651468	651468	651548	-	4	81	TTG	TAA	0	0	
mORF_-_651545	651545	651574	-	6	30	TTG	TGA	0	0	
mORF_-_651579	651579	651629	-	4	51	TTG	TAA	0	0	
mORF_-_651602	651602	651613	-	6	12	ATG	TAA	0	0	
mORF_-_651610	651610	651624	-	5	15	ATG	TGA	0	0	
mORF_-_651634	651634	651669	-	5	36	ATG	TGA	0	0	
mORF_-_651691	651691	651720	-	5	30	TTG	TAG	0	0	
mORF_-_651722	651722	651787	-	6	66	ATG	TAA	0	0	
mORF_-_651808	651808	651828	-	5	21	TTG	TAA	0	0	
mORF_-_651856	651856	651936	-	5	81	ATG	TAG	0	0	
mORF_-_651864	651864	651911	-	4	48	TTG	TAA	0	0	
mORF_-_651933	651933	652112	-	4	180	GTG	TGA	0	0	
mORF_-_651955	651955	652092	-	5	138	ATG	TAG	0	0	
mORF_-_652028	652028	652246	-	6	219	TTG	TAA	0	0	
mORF_-_652183	652183	652263	-	5	81	ATG	TAA	0	0	
mORF_-_652197	652197	652211	-	4	15	TTG	TGA	0	0	
mORF_-_652318	652318	652527	-	5	210	TTG	TGA	0	0	
mORF_-_652379	652379	652597	-	6	219	TTG	TGA	0	0	
mORF_-_652440	652440	652490	-	4	51	ATG	TGA	0	0	
mORF_-_652585	652585	652824	-	5	240	TTG	TGA	0	0	
mORF_-_652688	652688	652726	-	6	39	TTG	TAG	0	0	
mORF_-_652882	652882	652971	-	5	90	ATG	TGA	0	0	
mORF_-_652907	652907	652966	-	6	60	ATG	TAG	0	0	
mORF_-_652993	652993	653022	-	5	30	GTG	TAG	0	0	
mORF_-_653019	653019	653060	-	4	42	TTG	TGA	0	0	
mORF_-_653062	653062	653097	-	5	36	ATG	TAG	0	0	
mORF_-_653103	653103	653162	-	4	60	GTG	TAG	0	0	
mORF_-_653159	653159	653164	-	6	6	ATG	TGA	0	0	
mORF_-_653286	653286	653432	-	4	147	TTG	TAA	0	0	
mORF_-_653312	653312	653338	-	6	27	GTG	TAA	0	0	
mORF_-_653393	653393	653410	-	6	18	ATG	TAA	0	0	
mORF_-_653436	653436	653498	-	4	63	TTG	TAG	0	0	
mORF_-_653519	653519	653662	-	6	144	GTG	TAA	0	0	
mORF_-_653574	653574	653768	-	4	195	ATG	TAG	0	0	
mORF_-_653596	653596	653643	-	5	48	GTG	TAA	0	0	
mORF_-_653704	653704	653799	-	5	96	ATG	TAA	0	0	
mORF_-_653720	653720	653749	-	6	30	ATG	TGA	0	0	
mORF_-_653806	653806	655191	-	5	1386	ATG	TAA	2	4	pORF_-_653806
mORF_-_653844	653844	653867	-	4	24	TTG	TGA	0	0	
mORF_-_653868	653868	653882	-	4	15	TTG	TGA	0	0	
mORF_-_653904	653904	653948	-	4	45	TTG	TAA	0	0	
mORF_-_653952	653952	653984	-	4	33	TTG	TAG	0	0	
mORF_-_654057	654057	654086	-	4	30	ATG	TGA	0	0	
mORF_-_654141	654141	654164	-	4	24	TTG	TGA	0	0	
mORF_-_654183	654183	654239	-	4	57	TTG	TGA	0	0	
mORF_-_654249	654249	654353	-	4	105	TTG	TGA	0	0	
mORF_-_654320	654320	654403	-	6	84	ATG	TAA	0	0	
mORF_-_654366	654366	654413	-	4	48	TTG	TGA	0	0	
mORF_-_654417	654417	654491	-	4	75	ATG	TGA	0	0	
mORF_-_654492	654492	654614	-	4	123	TTG	TAG	0	0	
mORF_-_654611	654611	654697	-	6	87	TTG	TGA	0	0	
mORF_-_654615	654615	654728	-	4	114	TTG	TGA	0	0	
mORF_-_654759	654759	654770	-	4	12	GTG	TGA	0	0	
mORF_-_654804	654804	654830	-	4	27	TTG	TGA	0	0	
mORF_-_654834	654834	654896	-	4	63	ATG	TGA	0	0	
mORF_-_654893	654893	654934	-	6	42	GTG	TGA	0	0	
mORF_-_654912	654912	654932	-	4	21	GTG	TGA	0	0	
mORF_-_654975	654975	655067	-	4	93	GTG	TAA	0	0	
mORF_-_655074	655074	655106	-	4	33	GTG	TGA	0	0	
mORF_-_655140	655140	655178	-	4	39	TTG	TAG	0	0	
mORF_-_655175	655175	655294	-	6	120	TTG	TGA	0	0	
mORF_-_655236	655236	655346	-	4	111	TTG	TAG	0	0	

mORF_-_655243	655243	655263	-	5	21	TTG	TAA	0	0	
mORF_-_655307	655307	655369	-	6	63	TTG	TAA	0	0	
mORF_-_655330	655330	655476	-	5	147	ATG	TAA	0	0	
mORF_-_655356	655356	655376	-	4	21	GTG	TAA	0	0	
mORF_-_655373	655373	655378	-	6	6	ATG	TGA	0	0	
mORF_-_655505	655505	655570	-	6	66	TTG	TAA	0	0	
mORF_-_655527	655527	655559	-	4	33	ATG	TAA	0	0	
mORF_-_655567	655567	655605	-	5	39	ATG	TGA	0	0	
mORF_-_655596	655596	655661	-	4	66	TTG	TAG	0	0	
mORF_-_655742	655742	655777	-	6	36	GTG	TAG	0	0	
mORF_-_655774	655774	655779	-	5	6	TTG	TGA	0	0	
mORF_-_655828	655828	655920	-	5	93	ATG	TAA	0	0	
mORF_-_655853	655853	655876	-	6	24	TTG	TAG	0	0	
mORF_-_655880	655880	655897	-	6	18	GTG	TAA	0	0	
mORF_-_655920	655920	655946	-	4	27	GTG	TAA	0	0	
mORF_-_655927	655927	656160	-	5	234	ATG	TAA	0	0	
mORF_-_655943	655943	656074	-	6	132	ATG	TGA	0	0	
mORF_-_655965	655965	655973	-	4	9	TTG	TAA	0	0	
mORF_-_655989	655989	656093	-	4	105	TTG	TAG	0	0	
mORF_-_656157	656157	656177	-	4	21	GTG	TGA	0	0	
mORF_-_656174	656174	656236	-	6	63	ATG	TGA	0	0	
mORF_-_656208	656208	656213	-	4	6	ATG	TAA	0	0	
mORF_-_656227	656227	656418	-	5	192	GTG	TAG	0	0	
mORF_-_656277	656277	656282	-	4	6	ATG	TAG	0	0	
mORF_-_656292	656292	656306	-	4	15	TTG	TAG	0	0	
mORF_-_656331	656331	656375	-	4	45	TTG	TGA	0	0	
mORF_-_656372	656372	656482	-	6	111	ATG	TGA	0	0	
mORF_-_656415	656415	656477	-	4	63	GTG	TGA	0	0	
mORF_-_656431	656431	656610	-	5	180	GTG	TAA	0	0	
mORF_-_656496	656496	656594	-	4	99	TTG	TGA	0	0	
mORF_-_656573	656573	656620	-	6	48	TTG	TAA	0	0	
mORF_-_656655	656655	656690	-	4	36	TTG	TGA	0	0	
mORF_-_656678	656678	656737	-	6	60	TTG	TAG	0	0	
mORF_-_656731	656731	656970	-	5	240	GTG	TGA	2	17	pORF_-_656731
mORF_-_656778	656778	657161	-	4	384	GTG	TAA	0	0	
mORF_-_656822	656822	656830	-	6	9	TTG	TGA	0	0	
mORF_-_656858	656858	656875	-	6	18	TTG	TGA	0	0	
mORF_-_656930	656930	656941	-	6	12	GTG	TAA	0	0	
mORF_-_656957	656957	656980	-	6	24	TTG	TAA	0	0	
mORF_-_656977	656977	657003	-	5	27	ATG	TGA	0	0	
mORF_-_657017	657017	657034	-	6	18	TTG	TAG	0	0	
mORF_-_657082	657082	657105	-	5	24	ATG	TAA	0	0	
mORF_-_657095	657095	657133	-	6	39	TTG	TAA	0	0	
mORF_-_657143	657143	657166	-	6	24	TTG	TAG	0	0	
mORF_-_657174	657174	657254	-	4	81	TTG	TAG	0	0	
mORF_-_657230	657230	657397	-	6	168	ATG	TAA	0	0	
mORF_-_657282	657282	657377	-	4	96	ATG	TAA	0	0	
mORF_-_657414	657414	657479	-	4	66	ATG	TAA	0	0	
mORF_-_657419	657419	657733	-	6	315	ATG	TGA	0	0	
mORF_-_657454	657454	657504	-	5	51	ATG	TAA	0	0	
mORF_-_657511	657511	657588	-	5	78	ATG	TGA	0	0	
mORF_-_657549	657549	657563	-	4	15	ATG	TGA	0	0	
mORF_-_657573	657573	657581	-	4	9	TTG	TAA	0	0	
mORF_-_657591	657591	657608	-	4	18	ATG	TAG	0	0	
mORF_-_657693	657693	657788	-	4	96	TTG	TAA	0	0	
mORF_-_657733	657733	657798	-	5	66	GTG	TAA	0	0	
mORF_-_657785	657785	657805	-	6	21	TTG	TGA	0	0	
mORF_-_657795	657795	657836	-	4	42	GTG	TGA	0	0	
mORF_-_657802	657802	657885	-	5	84	TTG	TGA	0	0	
mORF_-_657840	657840	657872	-	4	33	TTG	TAA	0	0	
mORF_-_657882	657882	657947	-	4	66	ATG	TGA	0	0	
mORF_-_657911	657911	657943	-	6	33	GTG	TGA	0	0	
mORF_-_657928	657928	657993	-	5	66	TTG	TGA	0	0	

mORF_-_657978	657978	658010	-	4	33	TTG	TGA	0	0	
mORF_-_658003	658003	658032	-	5	30	TTG	TAA	0	0	
mORF_-_658036	658036	658068	-	5	33	GTG	TAA	0	0	
mORF_-_658127	658127	658288	-	6	162	TTG	TAA	0	0	
mORF_-_658242	658242	658364	-	4	123	ATG	TAA	0	0	
mORF_-_658285	658285	658398	-	5	114	TTG	TGA	0	0	
mORF_-_658361	658361	658429	-	6	69	TTG	TGA	0	0	
mORF_-_658395	658395	658547	-	4	153	ATG	TGA	0	0	
mORF_-_658474	658474	659439	-	5	966	ATG	TAA	21	109	pORF_-_658474
mORF_-_658478	658478	658540	-	6	63	ATG	TAA	0	0	
mORF_-_658578	658578	658595	-	4	18	ATG	TGA	0	0	
mORF_-_658668	658668	658676	-	4	9	ATG	TGA	0	0	
mORF_-_658695	658695	658724	-	4	30	GTG	TAA	0	0	
mORF_-_658794	658794	658874	-	4	81	ATG	TGA	0	0	
mORF_-_658890	658890	659072	-	4	183	TTG	TGA	0	0	
mORF_-_658943	658943	658987	-	6	45	TTG	TGA	0	0	
mORF_-_659088	659088	659105	-	4	18	ATG	TGA	0	0	
mORF_-_659112	659112	659138	-	4	27	GTG	TAG	0	0	
mORF_-_659135	659135	659206	-	6	72	ATG	TGA	0	0	
mORF_-_659175	659175	659255	-	4	81	ATG	TGA	0	0	
mORF_-_659216	659216	659323	-	6	108	ATG	TAA	0	0	
mORF_-_659316	659316	659411	-	4	96	GTG	TGA	0	0	
mORF_-_659421	659421	659426	-	4	6	TTG	TGA	0	0	
mORF_-_659463	659463	659483	-	4	21	TTG	TAA	0	0	
mORF_-_659480	659480	659488	-	6	9	TTG	TGA	0	0	
mORF_-_659485	659485	659508	-	5	24	TTG	TGA	0	0	
mORF_-_659509	659509	659565	-	5	57	TTG	TAG	0	0	
mORF_-_659538	659538	659651	-	4	114	TTG	TGA	0	0	
mORF_-_659608	659608	659670	-	5	63	ATG	TAA	0	0	
mORF_-_659648	659648	660601	-	6	954	GTG	TGA	0	0	
mORF_-_659674	659674	659697	-	5	24	GTG	TAA	0	0	
mORF_-_659731	659731	659745	-	5	15	ATG	TAG	0	0	
mORF_-_659821	659821	659841	-	5	21	TTG	TAG	0	0	
mORF_-_659857	659857	659991	-	5	135	ATG	TGA	0	0	
mORF_-_659988	659988	660083	-	4	96	TTG	TGA	0	0	
mORF_-_660028	660028	660240	-	5	213	TTG	TAA	0	0	
mORF_-_660244	660244	660357	-	5	114	GTG	TAA	0	0	
mORF_-_660436	660436	660492	-	5	57	TTG	TGA	0	0	
mORF_-_660499	660499	660516	-	5	18	TTG	TGA	0	0	
mORF_-_660568	660568	660624	-	5	57	ATG	TAA	0	0	
mORF_-_660594	660594	660605	-	4	12	GTG	TAG	0	0	
mORF_-_660606	660606	660614	-	4	9	TTG	TAA	0	0	
mORF_-_660646	660646	660699	-	5	54	TTG	TAA	0	0	
mORF_-_660700	660700	660720	-	5	21	TTG	TAG	0	0	
mORF_-_660713	660713	660805	-	6	93	ATG	TAA	0	0	
mORF_-_660717	660717	660755	-	4	39	ATG	TGA	0	0	
mORF_-_660730	660730	660783	-	5	54	TTG	TAA	0	0	
mORF_-_660815	660815	660847	-	6	33	ATG	TAA	0	0	
mORF_-_660860	660860	661501	-	6	642	TTG	TAA	5	35	pORF_-_660860
mORF_-_660901	660901	660996	-	5	96	GTG	TAG	0	0	
mORF_-_660936	660936	660959	-	4	24	ATG	TAA	0	0	
mORF_-_660969	660969	660998	-	4	30	TTG	TAA	0	0	
mORF_-_661002	661002	661094	-	4	93	TTG	TAA	0	0	
mORF_-_661039	661039	661119	-	5	81	GTG	TAA	0	0	
mORF_-_661171	661171	661188	-	5	18	TTG	TGA	0	0	
mORF_-_661195	661195	661212	-	5	18	GTG	TGA	0	0	
mORF_-_661228	661228	661245	-	5	18	ATG	TGA	0	0	
mORF_-_661276	661276	661287	-	5	12	GTG	TGA	0	0	
mORF_-_661303	661303	661317	-	5	15	GTG	TGA	0	0	
mORF_-_661324	661324	661509	-	5	186	ATG	TAA	0	0	
mORF_-_661488	661488	661550	-	4	63	GTG	TAA	0	0	
mORF_-_661547	661547	661657	-	6	111	TTG	TGA	0	0	
mORF_-_661602	661602	661865	-	4	264	ATG	TAA	24	575	pORF_-_661602

mORF_-_661724	661724	661840	-	6	117	TTG	TAA	0	0	
mORF_-_661862	661862	661897	-	6	36	TTG	TGA	0	0	
mORF_-_661952	661952	661963	-	6	12	TTG	TAA	0	0	
mORF_-_661968	661968	661982	-	4	15	TTG	TAA	0	0	
mORF_-_661975	661975	663258	-	5	1284	ATG	TAA	57	258	pORF_-_661975
mORF_-_661998	661998	662150	-	4	153	GTG	TAA	0	0	
mORF_-_662157	662157	662165	-	4	9	ATG	TGA	0	0	
mORF_-_662184	662184	662195	-	4	12	GTG	TGA	0	0	
mORF_-_662205	662205	662225	-	4	21	TTG	TGA	0	0	
mORF_-_662229	662229	662255	-	4	27	TTG	TAG	0	0	
mORF_-_662249	662249	662260	-	6	12	TTG	TGA	0	0	
mORF_-_662292	662292	662312	-	4	21	TTG	TGA	0	0	
mORF_-_662331	662331	662357	-	4	27	GTG	TAA	0	0	
mORF_-_662394	662394	662477	-	4	84	ATG	TGA	0	0	
mORF_-_662486	662486	662494	-	6	9	ATG	TAA	0	0	
mORF_-_662511	662511	662579	-	4	69	GTG	TGA	0	0	
mORF_-_662598	662598	662648	-	4	51	ATG	TGA	0	0	
mORF_-_662703	662703	662762	-	4	60	ATG	TGA	0	0	
mORF_-_662726	662726	662758	-	6	33	TTG	TAG	0	0	
mORF_-_662861	662861	662875	-	6	15	ATG	TAA	0	0	
mORF_-_662964	662964	663032	-	4	69	TTG	TGA	0	0	
mORF_-_663033	663033	663068	-	4	36	GTG	TGA	0	0	
mORF_-_663090	663090	663104	-	4	15	ATG	TGA	0	0	
mORF_-_663095	663095	663130	-	6	36	TTG	TGA	0	0	
mORF_-_663195	663195	663203	-	4	9	ATG	TAG	0	0	
mORF_-_663231	663231	663443	-	4	213	ATG	TAG	0	0	
mORF_-_663245	663245	663289	-	6	45	ATG	TAG	0	0	
mORF_-_663290	663290	663307	-	6	18	ATG	TAA	0	0	
mORF_-_663325	663325	664413	-	5	1089	ATG	TAG	22	175	pORF_-_663325
mORF_-_663450	663450	663506	-	4	57	GTG	TAA	0	0	
mORF_-_663579	663579	663668	-	4	90	GTG	TGA	0	0	
mORF_-_663741	663741	663809	-	4	69	GTG	TAA	0	0	
mORF_-_663770	663770	663865	-	6	96	TTG	TGA	0	0	
mORF_-_663813	663813	664010	-	4	198	ATG	TAA	0	0	
mORF_-_664131	664131	664157	-	4	27	ATG	TGA	0	0	
mORF_-_664254	664254	664292	-	4	39	TTG	TGA	0	0	
mORF_-_664293	664293	664328	-	4	36	GTG	TAG	0	0	
mORF_-_664304	664304	664309	-	6	6	ATG	TAA	0	0	
mORF_-_664329	664329	664661	-	4	333	GTG	TAA	0	0	
mORF_-_664349	664349	664402	-	6	54	GTG	TGA	0	0	
mORF_-_664406	664406	664420	-	6	15	GTG	TAA	0	0	
mORF_-_664424	664424	665536	-	6	1113	ATG	TAA	0	0	
mORF_-_664468	664468	664473	-	5	6	TTG	TAA	0	0	
mORF_-_664489	664489	664497	-	5	9	TTG	TGA	0	0	
mORF_-_664498	664498	664515	-	5	18	ATG	TAA	0	0	
mORF_-_664540	664540	664545	-	5	6	TTG	TAG	0	0	
mORF_-_664561	664561	664572	-	5	12	TTG	TAA	0	0	
mORF_-_664576	664576	664587	-	5	12	ATG	TAA	0	0	
mORF_-_664606	664606	664632	-	5	27	TTG	TAA	0	0	
mORF_-_664714	664714	664839	-	5	126	TTG	TAG	0	0	
mORF_-_664903	664903	664926	-	5	24	ATG	TAA	0	0	
mORF_-_664923	664923	664943	-	4	21	GTG	TGA	0	0	
mORF_-_664972	664972	664986	-	5	15	TTG	TAG	0	0	
mORF_-_664987	664987	665040	-	5	54	TTG	TGA	0	0	
mORF_-_665061	665061	665141	-	4	81	TTG	TGA	0	0	
mORF_-_665125	665125	665166	-	5	42	TTG	TGA	0	0	
mORF_-_665182	665182	665268	-	5	87	ATG	TAG	0	0	
mORF_-_665269	665269	665325	-	5	57	ATG	TAG	0	0	
mORF_-_665401	665401	665409	-	5	9	TTG	TGA	0	0	
mORF_-_665526	665526	665600	-	4	75	GTG	TAA	0	0	
mORF_-_665539	665539	667440	-	5	1902	ATG	TAA	10	27	pORF_-_665539
mORF_-_665631	665631	665660	-	4	30	GTG	TGA	0	0	
mORF_-_665673	665673	665711	-	4	39	TTG	TGA	0	0	

mORF_-_665721	665721	665762	-	4	42	ATG	TGA	0	0	
mORF_-_665781	665781	665942	-	4	162	ATG	TGA	0	0	
mORF_-_665939	665939	665956	-	6	18	ATG	TGA	0	0	
mORF_-_666006	666006	666020	-	4	15	ATG	TGA	0	0	
mORF_-_666045	666045	666305	-	4	261	ATG	TGA	0	0	
mORF_-_666101	666101	666115	-	6	15	GTG	TGA	0	0	
mORF_-_666122	666122	666142	-	6	21	ATG	TAA	0	0	
mORF_-_666212	666212	666325	-	6	114	ATG	TAA	0	0	
mORF_-_666306	666306	666383	-	4	78	TTG	TGA	0	0	
mORF_-_666335	666335	666370	-	6	36	GTG	TGA	0	0	
mORF_-_666417	666417	666437	-	4	21	ATG	TGA	0	0	
mORF_-_666510	666510	666599	-	4	90	GTG	TGA	0	0	
mORF_-_666618	666618	666656	-	4	39	TTG	TAG	0	0	
mORF_-_666723	666723	666866	-	4	144	ATG	TAA	0	0	
mORF_-_666870	666870	666908	-	4	39	ATG	TGA	0	0	
mORF_-_666924	666924	667004	-	4	81	TTG	TGA	0	0	
mORF_-_667038	667038	667103	-	4	66	ATG	TGA	0	0	
mORF_-_667176	667176	667310	-	4	135	TTG	TAG	0	0	
mORF_-_667347	667347	667391	-	4	45	TTG	TGA	0	0	
mORF_-_667437	667437	667634	-	4	198	TTG	TGA	0	0	
mORF_-_667457	667457	667474	-	6	18	GTG	TGA	0	0	
mORF_-_667471	667471	667938	-	5	468	GTG	TGA	3	7	pORF_-_667471
mORF_-_667475	667475	667510	-	6	36	GTG	TGA	0	0	
mORF_-_667635	667635	667658	-	4	24	ATG	TGA	0	0	
mORF_-_667686	667686	667832	-	4	147	TTG	TAG	0	0	
mORF_-_667829	667829	667942	-	6	114	ATG	TGA	0	0	
mORF_-_667833	667833	667925	-	4	93	TTG	TGA	0	0	
mORF_-_667935	667935	668003	-	4	69	TTG	TGA	0	0	
mORF_-_667942	667942	668259	-	5	318	TTG	TAA	14	523	pORF_-_667942
mORF_-_668004	668004	668048	-	4	45	GTG	TGA	0	0	
mORF_-_668052	668052	668120	-	4	69	ATG	TAG	0	0	
mORF_-_668184	668184	668234	-	4	51	TTG	TAG	1	6	pORF_-_668184
mORF_-_668249	668249	668281	-	6	33	TTG	TAA	0	0	
mORF_-_668278	668278	668400	-	5	123	ATG	TGA	0	0	
mORF_-_668300	668300	668413	-	6	114	TTG	TGA	0	0	
mORF_-_668367	668367	668375	-	4	9	GTG	TGA	0	0	
mORF_-_668417	668417	668482	-	6	66	TTG	TAG	0	0	
mORF_-_668479	668479	668649	-	5	171	TTG	TGA	0	0	
mORF_-_668496	668496	668522	-	4	27	ATG	TAA	0	0	
mORF_-_668519	668519	669133	-	6	615	ATG	TGA	0	0	
mORF_-_668586	668586	668603	-	4	18	GTG	TGA	0	0	
mORF_-_668610	668610	668627	-	4	18	GTG	TGA	0	0	
mORF_-_668671	668671	668679	-	5	9	GTG	TGA	0	0	
mORF_-_668695	668695	669036	-	5	342	TTG	TAG	0	0	
mORF_-_668805	668805	668816	-	4	12	GTG	TGA	0	0	
mORF_-_668970	668970	668978	-	4	9	ATG	TGA	0	0	
mORF_-_669049	669049	669108	-	5	60	ATG	TGA	0	0	
mORF_-_669102	669102	669122	-	4	21	GTG	TGA	0	0	
mORF_-_669154	669154	669795	-	5	642	ATG	TGA	0	0	
mORF_-_669186	669186	669224	-	4	39	GTG	TGA	0	0	
mORF_-_669212	669212	669217	-	6	6	ATG	TGA	0	0	
mORF_-_669263	669263	669271	-	6	9	GTG	TAA	0	0	
mORF_-_669326	669326	669352	-	6	27	ATG	TAA	0	0	
mORF_-_669333	669333	669380	-	4	48	TTG	TGA	0	0	
mORF_-_669377	669377	669523	-	6	147	GTG	TGA	0	0	
mORF_-_669408	669408	669419	-	4	12	ATG	TGA	0	0	
mORF_-_669459	669459	669479	-	4	21	TTG	TGA	0	0	
mORF_-_669528	669528	669557	-	4	30	ATG	TGA	0	0	
mORF_-_669564	669564	669674	-	4	111	ATG	TAA	0	0	
mORF_-_669699	669699	669707	-	4	9	TTG	TGA	0	0	
mORF_-_669735	669735	669773	-	4	39	TTG	TAA	0	0	
mORF_-_669792	669792	669800	-	4	9	TTG	TGA	0	0	
mORF_-_669797	669797	670828	-	6	1032	ATG	TGA	1	2	pORF_-_669797

mORF_-_669828	669828	669995	-	4	168	ATG	TAA	0	0	
mORF_-_669973	669973	670020	-	5	48	GTG	TGA	0	0	
mORF_-_670048	670048	670074	-	5	27	GTG	TGA	0	0	
mORF_-_670162	670162	670209	-	5	48	ATG	TGA	0	0	
mORF_-_670173	670173	670181	-	4	9	TTG	TGA	0	0	
mORF_-_670210	670210	670224	-	5	15	TTG	TGA	0	0	
mORF_-_670237	670237	670341	-	5	105	ATG	TGA	0	0	
mORF_-_670348	670348	670377	-	5	30	TTG	TAG	0	0	
mORF_-_670417	670417	670461	-	5	45	ATG	TGA	0	0	
mORF_-_670498	670498	670608	-	5	111	TTG	TGA	0	0	
mORF_-_670545	670545	670628	-	4	84	ATG	TGA	0	0	
mORF_-_670615	670615	670665	-	5	51	TTG	TGA	0	0	
mORF_-_670705	670705	670788	-	5	84	ATG	TAG	0	0	
mORF_-_670785	670785	670922	-	4	138	GTG	TGA	0	0	
mORF_-_670828	670828	671409	-	5	582	GTG	TGA	8	57	pORF_-_670828
mORF_-_670944	670944	670961	-	4	18	GTG	TGA	0	0	
mORF_-_671007	671007	671072	-	4	66	GTG	TAG	0	0	
mORF_-_671082	671082	671096	-	4	15	ATG	TGA	0	0	
mORF_-_671169	671169	671237	-	4	69	ATG	TGA	0	0	
mORF_-_671238	671238	671264	-	4	27	GTG	TGA	0	0	
mORF_-_671310	671310	671354	-	4	45	GTG	TGA	0	0	
mORF_-_671336	671336	671431	-	6	96	TTG	TGA	0	0	
mORF_-_671424	671424	674147	-	4	2724	ATG	TAA	163	944	pORF_-_671424
mORF_-_671465	671465	671491	-	6	27	TTG	TGA	0	0	
mORF_-_671501	671501	671641	-	6	141	TTG	TAG	0	0	
mORF_-_671635	671635	671691	-	5	57	GTG	TGA	0	0	
mORF_-_671678	671678	671737	-	6	60	TTG	TGA	0	0	
mORF_-_671759	671759	671782	-	6	24	ATG	TGA	0	0	
mORF_-_671810	671810	671866	-	6	57	ATG	TGA	0	0	
mORF_-_671870	671870	671896	-	6	27	ATG	TGA	0	0	
mORF_-_671924	671924	671935	-	6	12	TTG	TGA	0	0	
mORF_-_671939	671939	671992	-	6	54	GTG	TGA	0	0	
mORF_-_671996	671996	672022	-	6	27	GTG	TGA	0	0	
mORF_-_672007	672007	672036	-	5	30	ATG	TAA	0	0	
mORF_-_672044	672044	672064	-	6	21	TTG	TGA	0	0	
mORF_-_672068	672068	672106	-	6	39	TTG	TGA	0	0	
mORF_-_672155	672155	672190	-	6	36	ATG	TGA	0	0	
mORF_-_672200	672200	672292	-	6	93	ATG	TGA	0	0	
mORF_-_672256	672256	672315	-	5	60	GTG	TAA	0	0	
mORF_-_672344	672344	672361	-	6	18	GTG	TGA	0	0	
mORF_-_672365	672365	672553	-	6	189	GTG	TGA	0	0	
mORF_-_672451	672451	672495	-	5	45	TTG	TAA	0	0	
mORF_-_672571	672571	672591	-	5	21	GTG	TAA	0	0	
mORF_-_672629	672629	672637	-	6	9	ATG	TAA	0	0	
mORF_-_672701	672701	672745	-	6	45	GTG	TGA	0	0	
mORF_-_672767	672767	672784	-	6	18	TTG	TGA	0	0	
mORF_-_672797	672797	672838	-	6	42	TTG	TGA	0	0	
mORF_-_672944	672944	672964	-	6	21	TTG	TGA	0	0	
mORF_-_672955	672955	673047	-	5	93	TTG	TAA	0	0	
mORF_-_673067	673067	673162	-	6	96	TTG	TAA	0	0	
mORF_-_673147	673147	673155	-	5	9	ATG	TAA	0	0	
mORF_-_673183	673183	673242	-	5	60	TTG	TAA	0	0	
mORF_-_673277	673277	673657	-	6	381	TTG	TGA	0	0	
mORF_-_673408	673408	673437	-	5	30	GTG	TGA	0	0	
mORF_-_673456	673456	673533	-	5	78	GTG	TGA	0	0	
mORF_-_673573	673573	673605	-	5	33	TTG	TAA	0	0	
mORF_-_673648	673648	673710	-	5	63	GTG	TGA	0	0	
mORF_-_673733	673733	673762	-	6	30	TTG	TGA	0	0	
mORF_-_673823	673823	673831	-	6	9	GTG	TGA	0	0	
mORF_-_673928	673928	673951	-	6	24	ATG	TAA	0	0	
mORF_-_673948	673948	674079	-	5	132	ATG	TGA	0	0	
mORF_-_674036	674036	674041	-	6	6	TTG	TAG	0	0	
mORF_-_674063	674063	674086	-	6	24	TTG	TGA	0	0	

mORF_-_674096	674096	674116	-	6	21	GTG	TGA	0	0
mORF_-_674140	674140	674151	-	5	12	ATG	TAA	0	0
mORF_-_674156	674156	674248	-	6	93	TTG	TAA	0	0
mORF_-_674176	674176	674187	-	5	12	TTG	TAA	0	0
mORF_-_674214	674214	674258	-	4	45	TTG	TGA	0	0
mORF_-_674218	674218	674325	-	5	108	GTG	TAA	0	0
mORF_-_674261	674261	674431	-	6	171	ATG	TAA	0	0
mORF_-_674367	674367	674639	-	4	273	ATG	TAA	0	0
mORF_-_674435	674435	674566	-	6	132	TTG	TAG	0	0
mORF_-_674563	674563	674739	-	5	177	GTG	TGA	0	0
mORF_-_674648	674648	674653	-	6	6	GTG	TAG	0	0
mORF_-_674670	674670	674744	-	4	75	TTG	TAG	0	0
mORF_-_674687	674687	675004	-	6	318	TTG	TGA	0	0
mORF_-_674793	674793	675776	-	4	984	ATG	TAG	0	0
mORF_-_674947	674947	674955	-	5	9	ATG	TGA	0	0
mORF_-_674956	674956	674976	-	5	21	ATG	TGA	0	0
mORF_-_675074	675074	675142	-	6	69	TTG	TGA	0	0
mORF_-_675127	675127	675138	-	5	12	ATG	TAA	0	0
mORF_-_675182	675182	675373	-	6	192	ATG	TGA	0	0
mORF_-_675268	675268	675354	-	5	87	GTG	TAG	0	0
mORF_-_675395	675395	675460	-	6	66	TTG	TAG	0	0
mORF_-_675503	675503	675526	-	6	24	ATG	TGA	0	0
mORF_-_675566	675566	675586	-	6	21	GTG	TAG	0	0
mORF_-_675583	675583	675588	-	5	6	TTG	TGA	0	0
mORF_-_675611	675611	675730	-	6	120	ATG	TGA	0	0
mORF_-_675664	675664	675699	-	5	36	TTG	TAA	0	0
mORF_-_675742	675742	675753	-	5	12	TTG	TAA	0	0
mORF_-_675781	675781	675801	-	5	21	ATG	TAA	0	0
mORF_-_675803	675803	675823	-	6	21	ATG	TAA	0	0
mORF_-_675811	675811	675891	-	5	81	TTG	TAA	0	0
mORF_-_675851	675851	675907	-	6	57	ATG	TAA	0	0
mORF_-_675908	675908	676177	-	6	270	ATG	TAA	0	0
mORF_-_675919	675919	675951	-	5	33	TTG	TAA	0	0
mORF_-_675930	675930	676100	-	4	171	GTG	TAA	0	0
mORF_-_676003	676003	676014	-	5	12	ATG	TAA	0	0
mORF_-_676063	676063	676155	-	5	93	GTG	TGA	0	0
mORF_-_676204	676204	676233	-	5	30	TTG	TAG	0	0
mORF_-_676224	676224	676277	-	4	54	TTG	TAA	0	0
mORF_-_676287	676287	676373	-	4	87	ATG	TAA	0	0
mORF_-_676354	676354	676377	-	5	24	ATG	TAG	0	0
mORF_-_676387	676387	676470	-	5	84	ATG	TAG	0	0
mORF_-_676467	676467	676523	-	4	57	TTG	TGA	0	0
mORF_-_676492	676492	676539	-	5	48	TTG	TAA	0	0
mORF_-_676540	676540	676584	-	5	45	TTG	TAA	0	0
mORF_-_676568	676568	676606	-	6	39	ATG	TAG	0	0
mORF_-_676716	676716	676760	-	4	45	TTG	TAA	0	0
mORF_-_676766	676766	676927	-	6	162	ATG	TGA	0	0
mORF_-_676785	676785	676850	-	4	66	ATG	TAG	0	0
mORF_-_676875	676875	676934	-	4	60	TTG	TAA	0	0
mORF_-_676924	676924	676989	-	5	66	TTG	TGA	0	0
mORF_-_676940	676940	677185	-	6	246	ATG	TAA	0	0
mORF_-_676968	676968	677009	-	4	42	ATG	TAA	0	0
mORF_-_677106	677106	677198	-	4	93	TTG	TAA	0	0
mORF_-_677134	677134	677241	-	5	108	ATG	TAA	0	0
mORF_-_677217	677217	677231	-	4	15	TTG	TGA	0	0
mORF_-_677247	677247	677294	-	4	48	GTG	TAA	0	0
mORF_-_677269	677269	677547	-	5	279	ATG	TAA	0	0
mORF_-_677361	677361	677417	-	4	57	TTG	TGA	0	0
mORF_-_677465	677465	677488	-	6	24	GTG	TAG	0	0
mORF_-_677502	677502	677528	-	4	27	ATG	TAA	0	0
mORF_-_677601	677601	677642	-	4	42	ATG	TAG	0	0
mORF_-_677639	677639	677785	-	6	147	TTG	TGA	0	0
mORF_-_677656	677656	677736	-	5	81	GTG	TGA	0	0

mORF_-_677688	677688	677711	-	4	24	GTG	TGA	0	0
mORF_-_677733	677733	677756	-	4	24	ATG	TGA	0	0
mORF_-_677737	677737	677769	-	5	33	ATG	TGA	0	0
mORF_-_677775	677775	677789	-	4	15	TTG	TAG	0	0
mORF_-_677790	677790	677807	-	4	18	TTG	TAA	0	0
mORF_-_677809	677809	677877	-	5	69	ATG	TAG	0	0
mORF_-_677895	677895	678053	-	4	159	ATG	TAA	0	0
mORF_-_677900	677900	677998	-	6	99	ATG	TGA	0	0
mORF_-_677914	677914	677958	-	5	45	TTG	TAA	0	0
mORF_-_678011	678011	678112	-	6	102	ATG	TAG	0	0
mORF_-_678019	678019	678147	-	5	129	ATG	TAA	0	0
mORF_-_678075	678075	678629	-	4	555	ATG	TAA	0	0
mORF_-_678140	678140	678187	-	6	48	ATG	TAA	0	0
mORF_-_678203	678203	678451	-	6	249	ATG	TAG	0	0
mORF_-_678265	678265	678309	-	5	45	GTG	TAA	0	0
mORF_-_678506	678506	678523	-	6	18	ATG	TAA	0	0
mORF_-_678527	678527	678589	-	6	63	TTG	TGA	0	0
mORF_-_678653	678653	678685	-	6	33	TTG	TAA	0	0
mORF_-_678704	678704	678712	-	6	9	GTG	TAA	0	0
mORF_-_678713	678713	678811	-	6	99	ATG	TAA	0	0
mORF_-_678724	678724	678777	-	5	54	ATG	TAA	0	0
mORF_-_678786	678786	678860	-	4	75	ATG	TAA	0	0
mORF_-_678790	678790	678801	-	5	12	TTG	TGA	0	0
mORF_-_678887	678887	678925	-	6	39	ATG	TAA	0	0
mORF_-_678897	678897	678989	-	4	93	ATG	TAG	0	0
mORF_-_678922	678922	678930	-	5	9	TTG	TGA	0	0
mORF_-_678944	678944	678961	-	6	18	ATG	TAA	0	0
mORF_-_678989	678989	679042	-	6	54	TTG	TAA	0	0
mORF_-_679021	679021	679074	-	5	54	TTG	TAA	0	0
mORF_-_679071	679071	679109	-	4	39	GTG	TGA	0	0
mORF_-_679084	679084	679128	-	5	45	TTG	TAA	0	0
mORF_-_679122	679122	679385	-	4	264	ATG	TGA	0	0
mORF_-_679151	679151	679210	-	6	60	GTG	TAA	0	0
mORF_-_679229	679229	679249	-	6	21	TTG	TAA	0	0
mORF_-_679255	679255	679302	-	5	48	TTG	TGA	0	0
mORF_-_679360	679360	679479	-	5	120	TTG	TAG	0	0
mORF_-_679416	679416	679487	-	4	72	ATG	TAA	0	0
mORF_-_679433	679433	679444	-	6	12	ATG	TAG	0	0
mORF_-_679513	679513	679545	-	5	33	TTG	TAA	0	0
mORF_-_679550	679550	679663	-	6	114	ATG	TAA	0	0
mORF_-_679558	679558	679647	-	5	90	ATG	TAA	0	0
mORF_-_679664	679664	679672	-	6	9	ATG	TGA	0	0
mORF_-_679681	679681	679731	-	5	51	TTG	TGA	0	0
mORF_-_679721	679721	679858	-	6	138	ATG	TAA	0	0
mORF_-_679725	679725	679748	-	4	24	ATG	TGA	0	0
mORF_-_679732	679732	679764	-	5	33	TTG	TAA	0	0
mORF_-_679761	679761	679913	-	4	153	ATG	TGA	0	0
mORF_-_679813	679813	679854	-	5	42	ATG	TAA	0	0
mORF_-_679855	679855	680022	-	5	168	ATG	TGA	0	0
mORF_-_679914	679914	679961	-	4	48	ATG	TGA	0	0
mORF_-_680028	680028	680144	-	4	117	ATG	TAG	0	0
mORF_-_680033	680033	680083	-	6	51	TTG	TGA	0	0
mORF_-_680086	680086	680325	-	5	240	ATG	TAA	0	0
mORF_-_680141	680141	680281	-	6	141	ATG	TGA	0	0
mORF_-_680274	680274	680318	-	4	45	TTG	TAA	0	0
mORF_-_680282	680282	680287	-	6	6	GTG	TAG	0	0
mORF_-_680334	680334	680375	-	4	42	ATG	TAA	0	0
mORF_-_680347	680347	680394	-	5	48	TTG	TAA	0	0
mORF_-_680452	680452	680457	-	5	6	ATG	TAA	0	0
mORF_-_680476	680476	680484	-	5	9	TTG	TAA	0	0
mORF_-_680481	680481	680516	-	4	36	TTG	TGA	0	0
mORF_-_680500	680500	680562	-	5	63	TTG	TAA	0	0
mORF_-_680507	680507	680569	-	6	63	GTG	TGA	0	0

mORF_-_680566	680566	680676	-	5	111	ATG	TGA	0	0	
mORF_-_680645	680645	680680	-	6	36	ATG	TAA	0	0	
mORF_-_680673	680673	680696	-	4	24	GTG	TGA	0	0	
mORF_-_680680	680680	680769	-	5	90	ATG	TAA	0	0	
mORF_-_680693	680693	680800	-	6	108	GTG	TGA	0	0	
mORF_-_680766	680766	680822	-	4	57	TTG	TGA	0	0	
mORF_-_680850	680850	680864	-	4	15	TTG	TAA	0	0	
mORF_-_680879	680879	680959	-	6	81	TTG	TAA	0	0	
mORF_-_680946	680946	682616	-	4	1671	ATG	TAA	1	0	pORF_-_680946
mORF_-_680963	680963	681034	-	6	72	TTG	TAG	0	0	
mORF_-_681044	681044	681073	-	6	30	GTG	TGA	0	0	
mORF_-_681070	681070	681090	-	5	21	GTG	TGA	0	0	
mORF_-_681149	681149	681181	-	6	33	TTG	TGA	0	0	
mORF_-_681218	681218	681301	-	6	84	TTG	TGA	0	0	
mORF_-_681326	681326	681337	-	6	12	ATG	TGA	0	0	
mORF_-_681440	681440	681520	-	6	81	TTG	TAG	0	0	
mORF_-_681517	681517	681540	-	5	24	TTG	TGA	0	0	
mORF_-_681554	681554	681709	-	6	156	TTG	TAA	0	0	
mORF_-_681740	681740	681961	-	6	222	ATG	TGA	0	0	
mORF_-_681766	681766	681837	-	5	72	ATG	TGA	0	0	
mORF_-_681889	681889	681894	-	5	6	ATG	TAG	0	0	
mORF_-_681971	681971	682048	-	6	78	TTG	TAA	0	0	
mORF_-_682049	682049	682171	-	6	123	ATG	TGA	0	0	
mORF_-_682175	682175	682189	-	6	15	ATG	TAA	0	0	
mORF_-_682211	682211	682237	-	6	27	ATG	TAG	0	0	
mORF_-_682262	682262	682303	-	6	42	ATG	TGA	0	0	
mORF_-_682364	682364	682396	-	6	33	GTG	TAG	0	0	
mORF_-_682460	682460	682480	-	6	21	ATG	TAG	0	0	
mORF_-_682502	682502	682513	-	6	12	GTG	TAA	0	0	
mORF_-_682529	682529	682561	-	6	33	TTG	TAA	0	0	
mORF_-_682562	682562	682621	-	6	60	ATG	TAA	0	0	
mORF_-_682609	682609	682662	-	5	54	GTG	TAA	0	0	
mORF_-_682622	682622	682690	-	6	69	TTG	TAA	0	0	
mORF_-_682700	682700	683668	-	6	969	TTG	TAA	4	15	pORF_-_682700
mORF_-_682714	682714	682758	-	5	45	ATG	TGA	0	0	
mORF_-_682765	682765	682776	-	5	12	ATG	TAA	0	0	
mORF_-_682792	682792	682812	-	5	21	TTG	TGA	0	0	
mORF_-_682816	682816	682866	-	5	51	TTG	TGA	0	0	
mORF_-_682863	682863	682910	-	4	48	ATG	TGA	0	0	
mORF_-_682888	682888	683067	-	5	180	ATG	TGA	0	0	
mORF_-_682914	682914	682943	-	4	30	ATG	TGA	0	0	
mORF_-_683080	683080	683184	-	5	105	GTG	TGA	0	0	
mORF_-_683191	683191	683298	-	5	108	GTG	TGA	0	0	
mORF_-_683320	683320	683397	-	5	78	ATG	TAG	0	0	
mORF_-_683410	683410	683418	-	5	9	GTG	TGA	0	0	
mORF_-_683476	683476	683553	-	5	78	TTG	TGA	0	0	
mORF_-_683578	683578	683598	-	5	21	ATG	TAG	0	0	
mORF_-_683595	683595	683612	-	4	18	TTG	TGA	0	0	
mORF_-_683614	683614	683838	-	5	225	TTG	TAG	0	0	
mORF_-_683753	683753	684478	-	6	726	ATG	TAA	7	68	pORF_-_683753
mORF_-_683860	683860	683886	-	5	27	TTG	TGA	0	0	
mORF_-_683965	683965	684111	-	5	147	GTG	TGA	0	0	
mORF_-_683997	683997	684026	-	4	30	GTG	TGA	0	0	
mORF_-_684124	684124	684138	-	5	15	GTG	TGA	0	0	
mORF_-_684184	684184	684312	-	5	129	GTG	TGA	0	0	
mORF_-_684345	684345	684452	-	4	108	ATG	TAA	0	0	
mORF_-_684427	684427	684462	-	5	36	ATG	TGA	0	0	
mORF_-_684478	684478	685152	-	5	675	ATG	TAA	0	0	
mORF_-_684495	684495	684554	-	4	60	TTG	TGA	0	0	
mORF_-_684561	684561	684635	-	4	75	ATG	TGA	0	0	
mORF_-_684744	684744	684833	-	4	90	TTG	TGA	0	0	
mORF_-_684861	684861	684875	-	4	15	ATG	TAA	0	0	
mORF_-_684872	684872	684934	-	6	63	GTG	TGA	0	0	

mORF_-_684948	684948	685007	-	4	60	TTG	TAG	0	0	
mORF_-_684971	684971	685045	-	6	75	GTG	TAA	0	0	
mORF_-_685023	685023	685055	-	4	33	TTG	TGA	0	0	
mORF_-_685089	685089	685142	-	4	54	TTG	TGA	0	0	
mORF_-_685139	685139	685195	-	6	57	TTG	TGA	0	0	
mORF_-_685152	685152	685892	-	4	741	ATG	TAA	3	7	pORF_-_685152
mORF_-_685229	685229	685273	-	6	45	ATG	TGA	0	0	
mORF_-_685376	685376	685405	-	6	30	ATG	TGA	0	0	
mORF_-_685405	685405	685515	-	5	111	TTG	TAA	0	0	
mORF_-_685442	685442	685519	-	6	78	GTG	TGA	0	0	
mORF_-_685591	685591	685824	-	5	234	TTG	TAA	0	0	
mORF_-_685631	685631	685660	-	6	30	TTG	TGA	0	0	
mORF_-_685661	685661	685690	-	6	30	ATG	TGA	0	0	
mORF_-_685799	685799	685828	-	6	30	TTG	TGA	0	0	
mORF_-_685969	685969	685992	-	5	24	ATG	TGA	0	0	
mORF_-_685992	685992	686024	-	4	33	TTG	TGA	0	0	
mORF_-_686062	686062	687045	-	5	984	TTG	TAA	75	1224	pORF_-_686062
mORF_-_686067	686067	686081	-	4	15	ATG	TGA	0	0	
mORF_-_686078	686078	686167	-	6	90	GTG	TGA	0	0	
mORF_-_686133	686133	686222	-	4	90	ATG	TGA	0	0	
mORF_-_686171	686171	686179	-	6	9	ATG	TGA	0	0	
mORF_-_686226	686226	686357	-	4	132	ATG	TGA	0	0	
mORF_-_686252	686252	686266	-	6	15	TTG	TAA	0	0	
mORF_-_686361	686361	686408	-	4	48	GTG	TGA	0	0	
mORF_-_686439	686439	686456	-	4	18	ATG	TGA	0	0	
mORF_-_686517	686517	686546	-	4	30	GTG	TGA	0	0	
mORF_-_686556	686556	686645	-	4	90	TTG	TGA	0	0	
mORF_-_686588	686588	686641	-	6	54	ATG	TGA	0	0	
mORF_-_686739	686739	686846	-	4	108	TTG	TGA	0	0	
mORF_-_686847	686847	686903	-	4	57	ATG	TGA	0	0	
mORF_-_686994	686994	687005	-	4	12	ATG	TAA	0	0	
mORF_-_687070	687070	687120	-	5	51	ATG	TAA	0	0	
mORF_-_687117	687117	687125	-	4	9	ATG	TGA	0	0	
mORF_-_687122	687122	687133	-	6	12	ATG	TGA	0	0	
mORF_-_687175	687175	687198	-	5	24	ATG	TAG	0	0	
mORF_-_687179	687179	687238	-	6	60	GTG	TAA	0	0	
mORF_-_687220	687220	688236	-	5	1017	ATG	TAA	46	158	pORF_-_687220
mORF_-_687480	687480	687599	-	4	120	ATG	TGA	0	0	
mORF_-_687596	687596	687685	-	6	90	GTG	TGA	0	0	
mORF_-_687633	687633	687659	-	4	27	TTG	TGA	0	0	
mORF_-_687669	687669	687773	-	4	105	ATG	TGA	0	0	
mORF_-_687882	687882	687980	-	4	99	ATG	TGA	0	0	
mORF_-_687911	687911	687997	-	6	87	TTG	TAG	0	0	
mORF_-_687984	687984	688172	-	4	189	GTG	TGA	0	0	
mORF_-_688052	688052	688102	-	6	51	ATG	TAA	0	0	
mORF_-_688197	688197	688244	-	4	48	ATG	TGA	0	0	
mORF_-_688241	688241	688279	-	6	39	ATG	TGA	0	0	
mORF_-_688246	688246	688263	-	5	18	GTG	TGA	0	0	
mORF_-_688269	688269	688406	-	4	138	TTG	TAA	0	0	
mORF_-_688289	688289	688345	-	6	57	ATG	TAG	0	0	
mORF_-_688312	688312	688371	-	5	60	GTG	TAA	0	0	
mORF_-_688382	688382	688504	-	6	123	GTG	TAG	0	0	
mORF_-_688393	688393	688515	-	5	123	ATG	TAA	0	0	
mORF_-_688488	688488	688553	-	4	66	GTG	TAA	0	0	
mORF_-_688566	688566	690104	-	4	1539	ATG	TAA	7	18	pORF_-_688566
mORF_-_688570	688570	688632	-	5	63	GTG	TAA	0	0	
mORF_-_688592	688592	688612	-	6	21	TTG	TGA	0	0	
mORF_-_688721	688721	688750	-	6	30	TTG	TGA	0	0	
mORF_-_688735	688735	688839	-	5	105	ATG	TGA	0	0	
mORF_-_688751	688751	688867	-	6	117	ATG	TGA	0	0	
mORF_-_688852	688852	688863	-	5	12	GTG	TAA	0	0	
mORF_-_688880	688880	689032	-	6	153	TTG	TGA	0	0	
mORF_-_688909	688909	688947	-	5	39	TTG	TAA	0	0	

mORF_-_689042	689042	689209	-	6	168	TTG	TAG	0	0	
mORF_-_689216	689216	689248	-	6	33	GTG	TAA	0	0	
mORF_-_689374	689374	689469	-	5	96	GTG	TAA	0	0	
mORF_-_689399	689399	689566	-	6	168	GTG	TGA	0	0	
mORF_-_689624	689624	689638	-	6	15	TTG	TAA	0	0	
mORF_-_689644	689644	689760	-	5	117	GTG	TAG	0	0	
mORF_-_689702	689702	689728	-	6	27	TTG	TGA	0	0	
mORF_-_689732	689732	689929	-	6	198	TTG	TAG	0	0	
mORF_-_689887	689887	689922	-	5	36	TTG	TAA	0	0	
mORF_-_689981	689981	690085	-	6	105	TTG	TGA	0	0	
mORF_-_690086	690086	690097	-	6	12	TTG	TAA	0	0	
mORF_-_690113	690113	690268	-	6	156	TTG	TAG	0	0	
mORF_-_690129	690129	691007	-	4	879	ATG	TAA	25	107	pORF_-_690129
mORF_-_690278	690278	690349	-	6	72	TTG	TGA	0	0	
mORF_-_690386	690386	690445	-	6	60	TTG	TGA	0	0	
mORF_-_690446	690446	690466	-	6	21	TTG	TGA	0	0	
mORF_-_690470	690470	690502	-	6	33	TTG	TGA	0	0	
mORF_-_690554	690554	690622	-	6	69	ATG	TAG	0	0	
mORF_-_690656	690656	690670	-	6	15	TTG	TGA	0	0	
mORF_-_690692	690692	690733	-	6	42	TTG	TGA	0	0	
mORF_-_690730	690730	690738	-	5	9	ATG	TGA	0	0	
mORF_-_690824	690824	690883	-	6	60	GTG	TGA	0	0	
mORF_-_690887	690887	690922	-	6	36	GTG	TGA	0	0	
mORF_-_690971	690971	690982	-	6	12	GTG	TAA	0	0	
mORF_-_691004	691004	691027	-	6	24	ATG	TGA	0	0	
mORF_-_691029	691029	691061	-	4	33	TTG	TAA	0	0	
mORF_-_691055	691055	691084	-	6	30	TTG	TGA	0	0	
mORF_-_691081	691081	691185	-	5	105	ATG	TGA	0	0	
mORF_-_691097	691097	691564	-	6	468	ATG	TAA	4	9	pORF_-_691097
mORF_-_691204	691204	691350	-	5	147	TTG	TAG	0	0	
mORF_-_691383	691383	691487	-	4	105	ATG	TAA	0	0	
mORF_-_691471	691471	691479	-	5	9	ATG	TGA	0	0	
mORF_-_691480	691480	691530	-	5	51	GTG	TGA	0	0	
mORF_-_691527	691527	691724	-	4	198	ATG	TGA	0	0	
mORF_-_691561	691561	692640	-	5	1080	ATG	TGA	54	443	pORF_-_691561
mORF_-_691845	691845	691877	-	4	33	ATG	TGA	0	0	
mORF_-_691899	691899	691955	-	4	57	TTG	TGA	0	0	
mORF_-_691956	691956	691991	-	4	36	TTG	TGA	0	0	
mORF_-_692037	692037	692069	-	4	33	GTG	TAA	0	0	
mORF_-_692091	692091	692198	-	4	108	ATG	TGA	0	0	
mORF_-_692250	692250	692402	-	4	153	ATG	TAA	0	0	
mORF_-_692408	692408	692440	-	6	33	TTG	TAG	0	0	
mORF_-_692454	692454	692528	-	4	75	TTG	TGA	0	0	
mORF_-_692525	692525	692539	-	6	15	GTG	TGA	0	0	
mORF_-_692544	692544	692558	-	4	15	ATG	TGA	0	0	
mORF_-_692612	692612	692644	-	6	33	GTG	TAA	0	0	
mORF_-_692641	692641	692733	-	5	93	GTG	TGA	0	0	
mORF_-_692660	692660	692806	-	6	147	TTG	TAA	0	0	
mORF_-_692664	692664	692726	-	4	63	TTG	TGA	0	0	
mORF_-_692754	692754	694178	-	4	1425	ATG	TAA	39	115	pORF_-_692754
mORF_-_692807	692807	692848	-	6	42	ATG	TGA	0	0	
mORF_-_692903	692903	692908	-	6	6	ATG	TAG	0	0	
mORF_-_692995	692995	693054	-	5	60	GTG	TAA	0	0	
mORF_-_693011	693011	693130	-	6	120	TTG	TAG	0	0	
mORF_-_693182	693182	693205	-	6	24	TTG	TGA	0	0	
mORF_-_693212	693212	693298	-	6	87	GTG	TGA	0	0	
mORF_-_693401	693401	693559	-	6	159	GTG	TGA	0	0	
mORF_-_693569	693569	693631	-	6	63	TTG	TGA	0	0	
mORF_-_693656	693656	693772	-	6	117	TTG	TAA	0	0	
mORF_-_693664	693664	693699	-	5	36	TTG	TGA	0	0	
mORF_-_693800	693800	693823	-	6	24	GTG	TAG	0	0	
mORF_-_693836	693836	693937	-	6	102	GTG	TGA	0	0	
mORF_-_694040	694040	694054	-	6	15	ATG	TGA	0	0	

mORF_-_694076	694076	694099	-	6	24	ATG	TGA	0	0	
mORF_-_694156	694156	694221	-	5	66	ATG	TAA	0	0	
mORF_-_694175	694175	694399	-	6	225	GTG	TGA	0	0	
mORF_-_694293	694293	694325	-	4	33	ATG	TAA	0	0	
mORF_-_694306	694306	694464	-	5	159	TTG	TAG	0	0	
mORF_-_694332	694332	694352	-	4	21	ATG	TGA	0	0	
mORF_-_694487	694487	694507	-	6	21	ATG	TGA	0	0	
mORF_-_694519	694519	694599	-	5	81	ATG	TAA	0	0	
mORF_-_694622	694622	694867	-	6	246	ATG	TAA	0	0	
mORF_-_694627	694627	694698	-	5	72	ATG	TAG	0	0	
mORF_-_694641	694641	694658	-	4	18	GTG	TAG	0	0	
mORF_-_694711	694711	695361	-	5	651	TTG	TAA	0	0	
mORF_-_694860	694860	694931	-	4	72	GTG	TGA	0	0	
mORF_-_694943	694943	695053	-	6	111	GTG	TAA	0	0	
mORF_-_695097	695097	695201	-	4	105	ATG	TAA	0	0	
mORF_-_695102	695102	695107	-	6	6	GTG	TAA	0	0	
mORF_-_695235	695235	695273	-	4	39	TTG	TAA	0	0	
mORF_-_695304	695304	695318	-	4	15	TTG	TAA	0	0	
mORF_-_695322	695322	695354	-	4	33	ATG	TAA	0	0	
mORF_-_695379	695379	695396	-	4	18	TTG	TAA	0	0	
mORF_-_695390	695390	695410	-	6	21	GTG	TGA	0	0	
mORF_-_695417	695417	695728	-	6	312	TTG	TAA	1	2	pORF_-_695417
mORF_-_695502	695502	695738	-	4	237	GTG	TAA	0	0	
mORF_-_695584	695584	695595	-	5	12	ATG	TGA	0	0	
mORF_-_695739	695739	695867	-	4	129	ATG	TAA	0	0	
mORF_-_695819	695819	695878	-	6	60	ATG	TAA	0	0	
mORF_-_695893	695893	695925	-	5	33	ATG	TAG	0	0	
mORF_-_695925	695925	695948	-	4	24	TTG	TAA	0	0	
mORF_-_695941	695941	696054	-	5	114	TTG	TAG	0	0	
mORF_-_696033	696033	696215	-	4	183	GTG	TAA	0	0	
mORF_-_696074	696074	696217	-	6	144	GTG	TAA	0	0	
mORF_-_696142	696142	696264	-	5	123	GTG	TAA	0	0	
mORF_-_696249	696249	696272	-	4	24	TTG	TAG	0	0	
mORF_-_696286	696286	696318	-	5	33	ATG	TAG	0	0	
mORF_-_696318	696318	696500	-	4	183	TTG	TAA	0	0	
mORF_-_696347	696347	696358	-	6	12	ATG	TAG	0	0	
mORF_-_696501	696501	696539	-	4	39	ATG	TAA	0	0	
mORF_-_696508	696508	696528	-	5	21	GTG	TAA	0	0	
mORF_-_696530	696530	696550	-	6	21	ATG	TAG	0	0	
mORF_-_696547	696547	696576	-	5	30	TTG	TGA	0	0	
mORF_-_696570	696570	696644	-	4	75	TTG	TAA	0	0	
mORF_-_696626	696626	696691	-	6	66	TTG	TGA	0	0	
mORF_-_696660	696660	696896	-	4	237	TTG	TAA	0	0	
mORF_-_696688	696688	696732	-	5	45	ATG	TGA	0	0	
mORF_-_696736	696736	698481	-	5	1746	TTG	TAA	55	314	pORF_-_696736
mORF_-_696803	696803	696811	-	6	9	ATG	TGA	0	0	
mORF_-_696821	696821	696862	-	6	42	GTG	TAA	0	0	
mORF_-_696977	696977	697021	-	6	45	TTG	TGA	0	0	
mORF_-_697005	697005	697358	-	4	354	GTG	TGA	0	0	
mORF_-_697088	697088	697096	-	6	9	ATG	TGA	0	0	
mORF_-_697127	697127	697135	-	6	9	GTG	TAA	0	0	
mORF_-_697437	697437	697445	-	4	9	ATG	TGA	0	0	
mORF_-_697442	697442	697609	-	6	168	GTG	TGA	0	0	
mORF_-_697464	697464	697481	-	4	18	ATG	TGA	0	0	
mORF_-_697581	697581	697721	-	4	141	ATG	TAG	0	0	
mORF_-_697787	697787	697858	-	6	72	GTG	TAA	0	0	
mORF_-_697794	697794	697802	-	4	9	ATG	TGA	0	0	
mORF_-_697883	697883	697897	-	6	15	TTG	TAA	0	0	
mORF_-_697914	697914	697994	-	4	81	TTG	TGA	0	0	
mORF_-_697995	697995	698036	-	4	42	TTG	TGA	0	0	
mORF_-_698094	698094	698174	-	4	81	GTG	TGA	0	0	
mORF_-_698178	698178	698309	-	4	132	GTG	TAA	0	0	
mORF_-_698319	698319	698387	-	4	69	TTG	TGA	0	0	

mORF_-_698354	698354	698647	-	6	294	ATG	TGA	0	0	
mORF_-_698601	698601	698771	-	4	171	TTG	TAA	0	0	
mORF_-_698608	698608	698631	-	5	24	TTG	TAA	0	0	
mORF_-_698678	698678	698689	-	6	12	ATG	TAG	0	0	
mORF_-_698696	698696	698740	-	6	45	ATG	TGA	0	0	
mORF_-_698740	698740	698775	-	5	36	GTG	TGA	0	0	
mORF_-_698793	698793	698957	-	4	165	TTG	TAG	0	0	
mORF_-_698797	698797	699549	-	5	753	ATG	TGA	26	104	pORF_-_698797
mORF_-_698945	698945	699013	-	6	69	GTG	TAA	0	0	
mORF_-_698991	698991	699140	-	4	150	GTG	TAA	0	0	
mORF_-_699059	699059	699085	-	6	27	TTG	TGA	0	0	
mORF_-_699171	699171	699206	-	4	36	TTG	TGA	0	0	
mORF_-_699222	699222	699260	-	4	39	ATG	TGA	0	0	
mORF_-_699264	699264	699383	-	4	120	TTG	TGA	0	0	
mORF_-_699426	699426	699482	-	4	57	GTG	TGA	0	0	
mORF_-_699497	699497	699529	-	6	33	TTG	TAA	0	0	
mORF_-_699531	699531	699536	-	4	6	ATG	TAA	0	0	
mORF_-_699539	699539	699574	-	6	36	TTG	TAA	0	0	
mORF_-_699546	699546	699584	-	4	39	GTG	TGA	0	0	
mORF_-_699553	699553	699597	-	5	45	ATG	TAG	0	0	
mORF_-_699584	699584	699595	-	6	12	GTG	TAG	0	0	
mORF_-_699597	699597	700817	-	4	1221	ATG	TAA	17	47	pORF_-_699597
mORF_-_699647	699647	699658	-	6	12	TTG	TAA	0	0	
mORF_-_699725	699725	699874	-	6	150	TTG	TGA	0	0	
mORF_-_699980	699980	700243	-	6	264	TTG	TGA	0	0	
mORF_-_700126	700126	700185	-	5	60	TTG	TAA	0	0	
mORF_-_700298	700298	700348	-	6	51	TTG	TAG	0	0	
mORF_-_700376	700376	700426	-	6	51	ATG	TGA	0	0	
mORF_-_700427	700427	700624	-	6	198	TTG	TGA	0	0	
mORF_-_700670	700670	700738	-	6	69	TTG	TAA	0	0	
mORF_-_700772	700772	700786	-	6	15	ATG	TAA	0	0	
mORF_-_700826	700826	701974	-	6	1149	ATG	TAA	16	121	pORF_-_700826
mORF_-_700903	700903	701034	-	5	132	TTG	TAG	0	0	
mORF_-_700986	700986	701006	-	4	21	TTG	TGA	0	0	
mORF_-_701056	701056	701139	-	5	84	GTG	TAA	0	0	
mORF_-_701070	701070	701081	-	4	12	TTG	TGA	0	0	
mORF_-_701157	701157	701171	-	4	15	GTG	TGA	0	0	
mORF_-_701185	701185	701337	-	5	153	TTG	TGA	0	0	
mORF_-_701232	701232	701249	-	4	18	TTG	TGA	0	0	
mORF_-_701374	701374	701418	-	5	45	ATG	TGA	0	0	
mORF_-_701467	701467	701535	-	5	69	TTG	TGA	0	0	
mORF_-_701493	701493	701498	-	4	6	GTG	TGA	0	0	
mORF_-_701544	701544	701576	-	4	33	GTG	TAA	0	0	
mORF_-_701656	701656	701715	-	5	60	ATG	TGA	0	0	
mORF_-_701794	701794	701805	-	5	12	ATG	TAA	0	0	
mORF_-_701893	701893	701928	-	5	36	TTG	TGA	0	0	
mORF_-_701925	701925	702011	-	4	87	TTG	TGA	0	0	
mORF_-_701962	701962	701970	-	5	9	ATG	TAA	0	0	
mORF_-_701989	701989	702033	-	5	45	TTG	TAA	0	0	
mORF_-_702034	702034	702834	-	5	801	ATG	TAA	34	417	pORF_-_702034
mORF_-_702060	702060	702068	-	4	9	ATG	TAG	0	0	
mORF_-_702093	702093	702116	-	4	24	ATG	TGA	0	0	
mORF_-_702113	702113	702181	-	6	69	TTG	TGA	0	0	
mORF_-_702174	702174	702188	-	4	15	TTG	TGA	0	0	
mORF_-_702237	702237	702269	-	4	33	GTG	TGA	0	0	
mORF_-_702276	702276	702344	-	4	69	ATG	TGA	0	0	
mORF_-_702348	702348	702404	-	4	57	TTG	TGA	0	0	
mORF_-_702420	702420	702638	-	4	219	TTG	TAG	0	0	
mORF_-_702470	702470	702484	-	6	15	GTG	TGA	0	0	
mORF_-_702686	702686	702793	-	6	108	ATG	TAA	0	0	
mORF_-_702696	702696	702761	-	4	66	ATG	TGA	0	0	
mORF_-_702806	702806	702880	-	6	75	ATG	TGA	0	0	
mORF_-_702838	702838	702846	-	5	9	TTG	TGA	0	0	

mORF_-_702883	702883	703017	-	5	135	GTG	TAA	0	0
mORF_-_702915	702915	703001	-	4	87	TTG	TGA	0	0
mORF_-_703005	703005	703010	-	4	6	TTG	TGA	0	0
mORF_-_703022	703022	703054	-	6	33	GTG	TAA	0	0
mORF_-_703039	703039	703113	-	5	75	TTG	TAA	0	0
mORF_-_703047	703047	703103	-	4	57	TTG	TGA	0	0
mORF_-_703082	703082	703141	-	6	60	TTG	TAA	0	0
mORF_-_703216	703216	703242	-	5	27	GTG	TAG	0	0
mORF_-_703259	703259	703339	-	6	81	ATG	TGA	0	0
mORF_-_703285	703285	703350	-	5	66	ATG	TAA	0	0
mORF_-_703403	703403	703474	-	6	72	ATG	TAA	0	0
mORF_-_703413	703413	704339	-	4	927	TTG	TAA	0	0
mORF_-_703499	703499	703606	-	6	108	ATG	TAG	0	0
mORF_-_703613	703613	703708	-	6	96	TTG	TAA	0	0
mORF_-_703705	703705	703725	-	5	21	TTG	TGA	0	0
mORF_-_703736	703736	703813	-	6	78	ATG	TGA	0	0
mORF_-_703823	703823	704020	-	6	198	ATG	TAG	0	0
mORF_-_703873	703873	703923	-	5	51	GTG	TGA	0	0
mORF_-_704017	704017	704055	-	5	39	GTG	TGA	0	0
mORF_-_704068	704068	704085	-	5	18	TTG	TGA	0	0
mORF_-_704216	704216	704320	-	6	105	GTG	TAG	0	0
mORF_-_704296	704296	704346	-	5	51	TTG	TAA	0	0
mORF_-_704336	704336	704350	-	6	15	TTG	TGA	0	0
mORF_-_704351	704351	704497	-	6	147	TTG	TAG	0	0
mORF_-_704503	704503	704646	-	5	144	TTG	TAG	0	0
mORF_-_704507	704507	704539	-	6	33	ATG	TGA	0	0
mORF_-_704680	704680	704802	-	5	123	TTG	TAA	0	0
mORF_-_704705	704705	704887	-	6	183	GTG	TGA	0	0
mORF_-_704784	704784	705086	-	4	303	TTG	TGA	0	0
mORF_-_704978	704978	705055	-	6	78	ATG	TAA	0	0
mORF_-_705055	705055	705090	-	5	36	GTG	TAA	0	0
mORF_-_705083	705083	705211	-	6	129	ATG	TGA	0	0
mORF_-_705103	705103	705201	-	5	99	TTG	TGA	0	0
mORF_-_705220	705220	705231	-	5	12	TTG	TAA	0	0
mORF_-_705252	705252	705314	-	4	63	GTG	TGA	0	0
mORF_-_705266	705266	705277	-	6	12	ATG	TAA	0	0
mORF_-_705295	705295	705447	-	5	153	ATG	TAA	0	0
mORF_-_705354	705354	705404	-	4	51	GTG	TGA	0	0
mORF_-_705486	705486	705563	-	4	78	TTG	TAG	0	0
mORF_-_705580	705580	705732	-	5	153	TTG	TAA	0	0
mORF_-_705642	705642	705938	-	4	297	ATG	TAG	0	0
mORF_-_705659	705659	705859	-	6	201	GTG	TGA	0	0
mORF_-_705856	705856	706422	-	5	567	ATG	TGA	0	0
mORF_-_705939	705939	706061	-	4	123	GTG	TAG	0	0
mORF_-_706071	706071	706196	-	4	126	ATG	TGA	0	0
mORF_-_706218	706218	706325	-	4	108	TTG	TAA	0	0
mORF_-_706322	706322	706345	-	6	24	TTG	TGA	0	0
mORF_-_706386	706386	706430	-	4	45	TTG	TGA	0	0
mORF_-_706449	706449	706520	-	4	72	TTG	TGA	0	0
mORF_-_706560	706560	706616	-	4	57	ATG	TAA	0	0
mORF_-_706626	706626	706676	-	4	51	TTG	TAA	0	0
mORF_-_706642	706642	706908	-	5	267	ATG	TAA	0	0
mORF_-_706682	706682	706705	-	6	24	GTG	TAA	0	0
mORF_-_706686	706686	706814	-	4	129	TTG	TGA	0	0
mORF_-_706811	706811	706864	-	6	54	ATG	TGA	0	0
mORF_-_706884	706884	706940	-	4	57	GTG	TAA	0	0
mORF_-_706931	706931	707173	-	6	243	TTG	TAA	0	0
mORF_-_706983	706983	707039	-	4	57	TTG	TAA	0	0
mORF_-_707011	707011	707049	-	5	39	TTG	TAA	0	0
mORF_-_707053	707053	707178	-	5	126	TTG	TAG	0	0
mORF_-_707085	707085	707090	-	4	6	ATG	TAG	0	0
mORF_-_707142	707142	707246	-	4	105	ATG	TGA	0	0
mORF_-_707189	707189	707299	-	6	111	ATG	TGA	0	0

mORF_-_707256	707256	707366	-	4	111	TTG	TAA	0	0	
mORF_-_707320	707320	707376	-	5	57	TTG	TAA	0	0	
mORF_-_707351	707351	707395	-	6	45	ATG	TAA	0	0	
mORF_-_707392	707392	707517	-	5	126	GTG	TGA	0	0	
mORF_-_707400	707400	707405	-	4	6	ATG	TAA	0	0	
mORF_-_707514	707514	707543	-	4	30	TTG	TGA	0	0	
mORF_-_707550	707550	707663	-	4	114	ATG	TAA	0	0	
mORF_-_707609	707609	707617	-	6	9	TTG	TAA	0	0	
mORF_-_707627	707627	707635	-	6	9	TTG	TAA	0	0	
mORF_-_707660	707660	707674	-	6	15	TTG	TGA	0	0	
mORF_-_707677	707677	707877	-	5	201	GTG	TAA	0	0	
mORF_-_707694	707694	707753	-	4	60	TTG	TAA	0	0	
mORF_-_707760	707760	707780	-	4	21	TTG	TGA	0	0	
mORF_-_707837	707837	707899	-	6	63	TTG	TAA	0	0	
mORF_-_707896	707896	708027	-	5	132	TTG	TGA	0	0	
mORF_-_707913	707913	707972	-	4	60	TTG	TAG	0	0	
mORF_-_707975	707975	708019	-	6	45	TTG	TAA	0	0	
mORF_-_708006	708006	708011	-	4	6	ATG	TAA	0	0	
mORF_-_708034	708034	708303	-	5	270	TTG	TAA	0	0	
mORF_-_708129	708129	708152	-	4	24	TTG	TAG	0	0	
mORF_-_708186	708186	708206	-	4	21	TTG	TGA	0	0	
mORF_-_708213	708213	708248	-	4	36	TTG	TAA	0	0	
mORF_-_708245	708245	708274	-	6	30	ATG	TGA	0	0	
mORF_-_708300	708300	708314	-	4	15	TTG	TGA	0	0	
mORF_-_708321	708321	708356	-	4	36	GTG	TAG	0	0	
mORF_-_708349	708349	708534	-	5	186	TTG	TAA	0	0	
mORF_-_708369	708369	708407	-	4	39	TTG	TAG	0	0	
mORF_-_708414	708414	708425	-	4	12	GTG	TAA	0	0	
mORF_-_708453	708453	708494	-	4	42	GTG	TAA	0	0	
mORF_-_708500	708500	708562	-	6	63	TTG	TAA	0	0	
mORF_-_708549	708549	708680	-	4	132	ATG	TAG	0	0	
mORF_-_708559	708559	709128	-	5	570	GTG	TGA	0	0	
mORF_-_708602	708602	708703	-	6	102	ATG	TGA	0	0	
mORF_-_708696	708696	708734	-	4	39	TTG	TAA	0	0	
mORF_-_708747	708747	708755	-	4	9	TTG	TAG	0	0	
mORF_-_708798	708798	708806	-	4	9	ATG	TAG	0	0	
mORF_-_708807	708807	708875	-	4	69	ATG	TGA	0	0	
mORF_-_708848	708848	708880	-	6	33	TTG	TGA	0	0	
mORF_-_708894	708894	708956	-	4	63	ATG	TAA	0	0	
mORF_-_708932	708932	708949	-	6	18	ATG	TAA	0	0	
mORF_-_708950	708950	709069	-	6	120	TTG	TGA	0	0	
mORF_-_709029	709029	709109	-	4	81	ATG	TGA	0	0	
mORF_-_709070	709070	709135	-	6	66	TTG	TGA	0	0	
mORF_-_709122	709122	709262	-	4	141	TTG	TGA	0	0	
mORF_-_709172	709172	709390	-	6	219	TTG	TAA	0	0	
mORF_-_709279	709279	709335	-	5	57	TTG	TGA	0	0	
mORF_-_709365	709365	709379	-	4	15	ATG	TAA	0	0	
mORF_-_709413	709413	709472	-	4	60	GTG	TGA	0	0	
mORF_-_709423	709423	709869	-	5	447	ATG	TAA	34	520	pORF_-_709423
mORF_-_709445	709445	709459	-	6	15	TTG	TGA	0	0	
mORF_-_709503	709503	709562	-	4	60	GTG	TGA	0	0	
mORF_-_709623	709623	709685	-	4	63	TTG	TGA	0	0	
mORF_-_709692	709692	709730	-	4	39	GTG	TGA	0	0	
mORF_-_709740	709740	709766	-	4	27	GTG	TGA	0	0	
mORF_-_709862	709862	710098	-	6	237	TTG	TGA	0	0	
mORF_-_709897	709897	709905	-	5	9	ATG	TGA	0	0	
mORF_-_709948	709948	709992	-	5	45	TTG	TAA	0	0	
mORF_-_709965	709965	710078	-	4	114	TTG	TAG	0	0	
mORF_-_709999	709999	710016	-	5	18	GTG	TAA	0	0	
mORF_-_710020	710020	710025	-	5	6	ATG	TAA	0	0	
mORF_-_710026	710026	710043	-	5	18	GTG	TAA	0	0	
mORF_-_710082	710082	710114	-	4	33	ATG	TAA	0	0	
mORF_-_710121	710121	710165	-	4	45	ATG	TAA	0	0	

mORF_-_710153	710153	710158	-	6	6	ATG	TGA	0	0	
mORF_-_710158	710158	710805	-	5	648	GTG	TGA	20	179	pORF_-_710158
mORF_-_710204	710204	710212	-	6	9	ATG	TAA	0	0	
mORF_-_710217	710217	710222	-	4	6	GTG	TAG	0	0	
mORF_-_710232	710232	710612	-	4	381	TTG	TGA	0	0	
mORF_-_710420	710420	710428	-	6	9	TTG	TGA	0	0	
mORF_-_710495	710495	710500	-	6	6	GTG	TGA	0	0	
mORF_-_710625	710625	710756	-	4	132	ATG	TGA	0	0	
mORF_-_710711	710711	710752	-	6	42	TTG	TAA	0	0	
mORF_-_710753	710753	710803	-	6	51	GTG	TGA	0	0	
mORF_-_710810	710810	710815	-	6	6	ATG	TAG	0	0	
mORF_-_710828	710828	711190	-	6	363	ATG	TAA	1	4	pORF_-_710828
mORF_-_710956	710956	710979	-	5	24	GTG	TGA	0	0	
mORF_-_710995	710995	711030	-	5	36	ATG	TAA	0	0	
mORF_-_711045	711045	711218	-	4	174	GTG	TAA	0	0	
mORF_-_711088	711088	711147	-	5	60	TTG	TAG	0	0	
mORF_-_711148	711148	711183	-	5	36	ATG	TGA	0	0	
mORF_-_711203	711203	711211	-	6	9	TTG	TGA	0	0	
mORF_-_711248	711248	711340	-	6	93	TTG	TAA	0	0	
mORF_-_711261	711261	712025	-	4	765	ATG	TAA	20	173	pORF_-_711261
mORF_-_711341	711341	711403	-	6	63	ATG	TGA	0	0	
mORF_-_711397	711397	711492	-	5	96	GTG	TAG	0	0	
mORF_-_711467	711467	711529	-	6	63	TTG	TAG	0	0	
mORF_-_711505	711505	711516	-	5	12	GTG	TAA	0	0	
mORF_-_711551	711551	711565	-	6	15	ATG	TGA	0	0	
mORF_-_711581	711581	711655	-	6	75	ATG	TAA	0	0	
mORF_-_711740	711740	711814	-	6	75	TTG	TAA	0	0	
mORF_-_711842	711842	711883	-	6	42	TTG	TAA	0	0	
mORF_-_711905	711905	711964	-	6	60	TTG	TAA	0	0	
mORF_-_712022	712022	712030	-	6	9	TTG	TGA	0	0	
mORF_-_712055	712055	712162	-	6	108	ATG	TAA	0	0	
mORF_-_712063	712063	712083	-	5	21	GTG	TAA	0	0	
mORF_-_712104	712104	712124	-	4	21	TTG	TAA	0	0	
mORF_-_712183	712183	712269	-	5	87	ATG	TGA	0	0	
mORF_-_712187	712187	712195	-	6	9	GTG	TAG	0	0	
mORF_-_712245	712245	712475	-	4	231	TTG	TAG	0	0	
mORF_-_712262	712262	712369	-	6	108	GTG	TAG	0	0	
mORF_-_712366	712366	712461	-	5	96	TTG	TGA	0	0	
mORF_-_712403	712403	712423	-	6	21	TTG	TAA	0	0	
mORF_-_712496	712496	712561	-	6	66	GTG	TAG	0	0	
mORF_-_712501	712501	712794	-	5	294	TTG	TAG	0	0	
mORF_-_712608	712608	712700	-	4	93	ATG	TGA	0	0	
mORF_-_712748	712748	713785	-	6	1038	ATG	TAG	0	0	
mORF_-_712752	712752	712814	-	4	63	GTG	TAG	0	0	
mORF_-_712918	712918	712962	-	5	45	ATG	TGA	0	0	
mORF_-_712947	712947	712982	-	4	36	TTG	TAA	0	0	
mORF_-_712975	712975	713013	-	5	39	GTG	TGA	0	0	
mORF_-_713010	713010	713063	-	4	54	ATG	TGA	0	0	
mORF_-_713041	713041	713160	-	5	120	ATG	TGA	0	0	
mORF_-_713167	713167	713313	-	5	147	TTG	TGA	0	0	
mORF_-_713208	713208	713213	-	4	6	GTG	TAA	0	0	
mORF_-_713244	713244	713261	-	4	18	TTG	TGA	0	0	
mORF_-_713289	713289	713375	-	4	87	ATG	TAG	1	4	pORF_-_713289
mORF_-_713530	713530	713541	-	5	12	TTG	TAA	0	0	
mORF_-_713583	713583	713657	-	4	75	GTG	TAA	0	0	
mORF_-_713707	713707	713721	-	5	15	GTG	TGA	0	0	
mORF_-_713718	713718	713765	-	4	48	TTG	TGA	0	0	
mORF_-_713749	713749	713769	-	5	21	TTG	TAG	0	0	
mORF_-_713766	713766	713834	-	4	69	ATG	TGA	0	0	
mORF_-_713770	713770	714054	-	5	285	GTG	TAA	0	0	
mORF_-_713831	713831	714148	-	6	318	TTG	TGA	0	0	
mORF_-_714051	714051	714146	-	4	96	GTG	TGA	0	0	
mORF_-_714076	714076	714081	-	5	6	TTG	TAG	0	0	

mORF_-_714112	714112	714312	-	5	201	GTG	TAG	0	0	
mORF_-_714252	714252	714323	-	4	72	ATG	TAG	0	0	
mORF_-_714305	714305	714427	-	6	123	ATG	TGA	0	0	
mORF_-_714331	714331	714579	-	5	249	ATG	TAG	0	0	
mORF_-_714396	714396	714599	-	4	204	GTG	TAA	1	3	pORF_-_714396
mORF_-_714428	714428	714451	-	6	24	TTG	TAA	0	0	
mORF_-_714569	714569	714610	-	6	42	TTG	TGA	0	0	
mORF_-_714604	714604	714783	-	5	180	ATG	TGA	1	2	pORF_-_714604
mORF_-_714621	714621	714635	-	4	15	TTG	TGA	0	0	
mORF_-_714660	714660	714671	-	4	12	GTG	TGA	0	0	
mORF_-_714675	714675	714725	-	4	51	ATG	TAA	0	0	
mORF_-_714686	714686	714718	-	6	33	TTG	TAA	0	0	
mORF_-_714750	714750	714818	-	4	69	TTG	TAG	0	0	
mORF_-_714866	714866	714901	-	6	36	ATG	TGA	0	0	
mORF_-_714888	714888	714959	-	4	72	ATG	TAA	0	0	
mORF_-_714908	714908	714916	-	6	9	TTG	TGA	0	0	
mORF_-_714929	714929	714946	-	6	18	TTG	TAA	0	0	
mORF_-_714949	714949	715008	-	5	60	TTG	TAG	0	0	
mORF_-_714956	714956	715054	-	6	99	ATG	TGA	0	0	
mORF_-_715062	715062	715166	-	4	105	ATG	TAA	0	0	
mORF_-_715085	715085	715126	-	6	42	ATG	TGA	0	0	
mORF_-_715170	715170	715580	-	4	411	TTG	TAA	0	0	
mORF_-_715190	715190	715255	-	6	66	GTG	TGA	0	0	
mORF_-_715252	715252	715335	-	5	84	ATG	TGA	0	0	
mORF_-_715310	715310	715348	-	6	39	ATG	TAA	0	0	
mORF_-_715358	715358	715402	-	6	45	TTG	TAG	0	0	
mORF_-_715363	715363	715380	-	5	18	GTG	TGA	0	0	
mORF_-_715390	715390	715419	-	5	30	TTG	TGA	0	0	
mORF_-_715421	715421	715489	-	6	69	TTG	TGA	0	0	
mORF_-_715493	715493	715507	-	6	15	ATG	TAA	0	0	
mORF_-_715543	715543	715560	-	5	18	TTG	TGA	0	0	
mORF_-_715601	715601	715624	-	6	24	TTG	TAG	0	0	
mORF_-_715611	715611	715928	-	4	318	ATG	TAG	0	0	
mORF_-_715625	715625	715657	-	6	33	GTG	TGA	0	0	
mORF_-_715808	715808	715816	-	6	9	GTG	TGA	0	0	
mORF_-_715841	715841	715852	-	6	12	ATG	TAG	0	0	
mORF_-_715849	715849	715878	-	5	30	ATG	TGA	0	0	
mORF_-_715898	715898	715966	-	6	69	TTG	TAA	0	0	
mORF_-_715921	715921	715947	-	5	27	TTG	TAA	0	0	
mORF_-_715944	715944	716048	-	4	105	TTG	TGA	0	0	
mORF_-_716041	716041	716145	-	5	105	TTG	TAA	0	0	
mORF_-_716079	716079	716141	-	4	63	ATG	TAG	0	0	
mORF_-_716169	716169	717488	-	4	1320	ATG	TAA	0	0	
mORF_-_716186	716186	716230	-	6	45	TTG	TGA	0	0	
mORF_-_716191	716191	716226	-	5	36	TTG	TGA	0	0	
mORF_-_716237	716237	716353	-	6	117	ATG	TGA	0	0	
mORF_-_716474	716474	716488	-	6	15	GTG	TGA	0	0	
mORF_-_716498	716498	716503	-	6	6	TTG	TGA	0	0	
mORF_-_716507	716507	716530	-	6	24	ATG	TGA	0	0	
mORF_-_716540	716540	716620	-	6	81	TTG	TAA	0	0	
mORF_-_716648	716648	716755	-	6	108	TTG	TGA	0	0	
mORF_-_716780	716780	716791	-	6	12	GTG	TGA	0	0	
mORF_-_716792	716792	716824	-	6	33	ATG	TAG	0	0	
mORF_-_716843	716843	716878	-	6	36	TTG	TAG	0	0	
mORF_-_716848	716848	716889	-	5	42	GTG	TGA	0	0	
mORF_-_716912	716912	717196	-	6	285	TTG	TAG	0	0	
mORF_-_716971	716971	717027	-	5	57	GTG	TAG	0	0	
mORF_-_717073	717073	717093	-	5	21	GTG	TAA	0	0	
mORF_-_717197	717197	717265	-	6	69	ATG	TGA	0	0	
mORF_-_717286	717286	717321	-	5	36	ATG	TAA	0	0	
mORF_-_717347	717347	717388	-	6	42	TTG	TGA	0	0	
mORF_-_717485	717485	719683	-	6	2199	ATG	TGA	1	0	pORF_-_717485
mORF_-_717502	717502	717771	-	5	270	GTG	TGA	0	0	

mORF_-_717522	717522	717548	-	4	27	TTG	TGA	0	0	
mORF_-_717672	717672	717689	-	4	18	GTG	TGA	0	0	
mORF_-_717859	717859	717936	-	5	78	ATG	TGA	0	0	
mORF_-_717882	717882	717899	-	4	18	GTG	TGA	0	0	
mORF_-_717967	717967	718020	-	5	54	TTG	TAG	0	0	
mORF_-_718074	718074	718085	-	4	12	ATG	TAA	0	0	
mORF_-_718096	718096	718176	-	5	81	TTG	TAG	0	0	
mORF_-_718173	718173	718205	-	4	33	ATG	TGA	0	0	
mORF_-_718189	718189	718332	-	5	144	ATG	TGA	0	0	
mORF_-_718381	718381	718404	-	5	24	ATG	TGA	0	0	
mORF_-_718395	718395	718424	-	4	30	GTG	TAA	0	0	
mORF_-_718405	718405	718449	-	5	45	ATG	TAA	0	0	
mORF_-_718468	718468	718479	-	5	12	TTG	TGA	0	0	
mORF_-_718528	718528	718662	-	5	135	ATG	TGA	0	0	
mORF_-_718696	718696	718764	-	5	69	TTG	TGA	0	0	
mORF_-_718713	718713	718727	-	4	15	ATG	TGA	0	0	
mORF_-_718749	718749	718754	-	4	6	GTG	TGA	0	0	
mORF_-_718879	718879	719043	-	5	165	GTG	TGA	0	0	
mORF_-_719062	719062	719094	-	5	33	ATG	TAA	0	0	
mORF_-_719095	719095	719151	-	5	57	TTG	TAA	0	0	
mORF_-_719121	719121	719207	-	4	87	GTG	TAA	0	0	
mORF_-_719191	719191	719376	-	5	186	ATG	TAG	0	0	
mORF_-_719229	719229	719303	-	4	75	TTG	TGA	0	0	
mORF_-_719373	719373	719432	-	4	60	TTG	TGA	0	0	
mORF_-_719395	719395	719559	-	5	165	ATG	TAG	0	0	
mORF_-_719535	719535	719552	-	4	18	ATG	TGA	0	0	
mORF_-_719575	719575	719667	-	5	93	TTG	TAG	0	0	
mORF_-_719607	719607	719651	-	4	45	TTG	TAA	0	0	
mORF_-_719658	719658	719690	-	4	33	ATG	TAG	0	0	
mORF_-_719695	719695	719760	-	5	66	TTG	TAA	0	0	
mORF_-_719818	719818	719844	-	5	27	TTG	TAA	0	0	
mORF_-_719825	719825	719881	-	6	57	ATG	TGA	0	0	
mORF_-_719848	719848	719865	-	5	18	GTG	TAA	0	0	
mORF_-_719901	719901	719987	-	4	87	TTG	TGA	0	0	
mORF_-_719941	719941	720045	-	5	105	ATG	TAG	0	0	
mORF_-_720046	720046	720123	-	5	78	TTG	TAA	0	0	
mORF_-_720120	720120	720137	-	4	18	TTG	TGA	0	0	
mORF_-_720145	720145	720282	-	5	138	TTG	TAA	0	0	
mORF_-_720272	720272	720520	-	6	249	GTG	TAA	0	0	
mORF_-_720279	720279	720956	-	4	678	GTG	TGA	0	0	
mORF_-_720310	720310	720417	-	5	108	GTG	TGA	0	0	
mORF_-_720542	720542	720559	-	6	18	ATG	TAG	0	0	
mORF_-_720569	720569	720649	-	6	81	TTG	TAA	0	0	
mORF_-_720659	720659	720730	-	6	72	TTG	TGA	0	0	
mORF_-_720667	720667	720750	-	5	84	GTG	TGA	0	0	
mORF_-_720731	720731	720787	-	6	57	ATG	TGA	0	0	
mORF_-_720812	720812	720940	-	6	129	TTG	TGA	0	0	
mORF_-_720934	720934	721068	-	5	135	ATG	TGA	0	0	
mORF_-_720953	720953	723679	-	6	2727	TTG	TGA	3	13	pORF_-_720953
mORF_-_720981	720981	721085	-	4	105	TTG	TGA	0	0	
mORF_-_721072	721072	721098	-	5	27	TTG	TAG	0	0	
mORF_-_721102	721102	721263	-	5	162	ATG	TAG	0	0	
mORF_-_721291	721291	721320	-	5	30	TTG	TGA	0	0	
mORF_-_721317	721317	721427	-	4	111	GTG	TGA	0	0	
mORF_-_721501	721501	721509	-	5	9	ATG	TGA	0	0	
mORF_-_721570	721570	721659	-	5	90	GTG	TAA	0	0	
mORF_-_721702	721702	721719	-	5	18	ATG	TGA	0	0	
mORF_-_721831	721831	721923	-	5	93	ATG	TAA	0	0	
mORF_-_721899	721899	721931	-	4	33	GTG	TGA	0	0	
mORF_-_721954	721954	722091	-	5	138	ATG	TAA	0	0	
mORF_-_722200	722200	722217	-	5	18	ATG	TGA	0	0	
mORF_-_722269	722269	722337	-	5	69	TTG	TAG	0	0	
mORF_-_722350	722350	722370	-	5	21	TTG	TGA	0	0	

mORF_-_722367	722367	722456	-	4	90	GTG	TGA	0	0
mORF_-_722377	722377	722394	-	5	18	TTG	TGA	0	0
mORF_-_722395	722395	722646	-	5	252	ATG	TAA	0	0
mORF_-_722565	722565	722588	-	4	24	GTG	TGA	0	0
mORF_-_722653	722653	722949	-	5	297	TTG	TAG	0	0
mORF_-_722859	722859	722900	-	4	42	GTG	TAA	0	0
mORF_-_722992	722992	723045	-	5	54	TTG	TGA	0	0
mORF_-_723064	723064	723186	-	5	123	ATG	TGA	0	0
mORF_-_723187	723187	723294	-	5	108	ATG	TGA	0	0
mORF_-_723322	723322	723381	-	5	60	GTG	TGA	0	0
mORF_-_723457	723457	723549	-	5	93	GTG	TAG	0	0
mORF_-_723630	723630	724226	-	4	597	TTG	TAA	0	0
mORF_-_723728	723728	723748	-	6	21	TTG	TGA	0	0
mORF_-_723839	723839	723898	-	6	60	TTG	TGA	0	0
mORF_-_723911	723911	724006	-	6	96	ATG	TAA	0	0
mORF_-_724040	724040	724072	-	6	33	GTG	TAA	0	0
mORF_-_724069	724069	724110	-	5	42	ATG	TGA	0	0
mORF_-_724076	724076	724087	-	6	12	ATG	TGA	0	0
mORF_-_724154	724154	724198	-	6	45	GTG	TGA	0	0
mORF_-_724211	724211	726259	-	6	2049	ATG	TGA	0	0
mORF_-_724231	724231	724281	-	5	51	GTG	TGA	0	0
mORF_-_724242	724242	724298	-	4	57	ATG	TGA	0	0
mORF_-_724335	724335	724436	-	4	102	GTG	TAA	0	0
mORF_-_724396	724396	724404	-	5	9	GTG	TGA	0	0
mORF_-_724444	724444	724452	-	5	9	ATG	TGA	0	0
mORF_-_724453	724453	724521	-	5	69	TTG	TAA	0	0
mORF_-_724534	724534	724545	-	5	12	GTG	TGA	0	0
mORF_-_724552	724552	724569	-	5	18	TTG	TGA	0	0
mORF_-_724654	724654	724695	-	5	42	ATG	TGA	0	0
mORF_-_724753	724753	724818	-	5	66	TTG	TGA	0	0
mORF_-_724924	724924	725064	-	5	141	ATG	TGA	0	0
mORF_-_725110	725110	725163	-	5	54	ATG	TGA	0	0
mORF_-_725200	725200	725397	-	5	198	TTG	TGA	0	0
mORF_-_725398	725398	725403	-	5	6	ATG	TGA	0	0
mORF_-_725422	725422	725460	-	5	39	TTG	TGA	0	0
mORF_-_725503	725503	725517	-	5	15	ATG	TAA	0	0
mORF_-_725517	725517	725543	-	4	27	GTG	TAA	0	0
mORF_-_725575	725575	725583	-	5	9	TTG	TGA	0	0
mORF_-_725596	725596	725604	-	5	9	TTG	TGA	0	0
mORF_-_725650	725650	725694	-	5	45	TTG	TGA	0	0
mORF_-_725685	725685	725690	-	4	6	GTG	TAG	0	0
mORF_-_725695	725695	725760	-	5	66	GTG	TGA	0	0
mORF_-_725764	725764	725832	-	5	69	ATG	TGA	0	0
mORF_-_725857	725857	725946	-	5	90	TTG	TAG	0	0
mORF_-_725968	725968	726093	-	5	126	GTG	TGA	0	0
mORF_-_726021	726021	726050	-	4	30	TTG	TAA	0	0
mORF_-_726111	726111	726170	-	4	60	ATG	TAG	0	0
mORF_-_726205	726205	726222	-	5	18	TTG	TGA	0	0
mORF_-_726249	726249	726272	-	4	24	GTG	TAA	0	0
mORF_-_726262	726262	726282	-	5	21	ATG	TGA	0	0
mORF_-_726269	726269	726310	-	6	42	TTG	TGA	0	0
mORF_-_726282	726282	728099	-	4	1818	TTG	TGA	0	0
mORF_-_726332	726332	726343	-	6	12	TTG	TGA	0	0
mORF_-_726362	726362	726376	-	6	15	TTG	TAA	0	0
mORF_-_726431	726431	726448	-	6	18	TTG	TGA	0	0
mORF_-_726467	726467	726487	-	6	21	TTG	TGA	0	0
mORF_-_726533	726533	726604	-	6	72	ATG	TAA	0	0
mORF_-_726713	726713	726763	-	6	51	TTG	TGA	0	0
mORF_-_726767	726767	726799	-	6	33	TTG	TGA	0	0
mORF_-_726806	726806	726853	-	6	48	TTG	TGA	0	0
mORF_-_726847	726847	726867	-	5	21	GTG	TGA	0	0
mORF_-_726860	726860	726913	-	6	54	TTG	TGA	0	0
mORF_-_726914	726914	726925	-	6	12	GTG	TGA	0	0

mORF_-_726941	726941	726952	-	6	12	TTG	TGA	0	0
mORF_-_727039	727039	727104	-	5	66	GTG	TAA	0	0
mORF_-_727070	727070	727084	-	6	15	TTG	TAG	0	0
mORF_-_727136	727136	727153	-	6	18	TTG	TGA	0	0
mORF_-_727141	727141	727158	-	5	18	GTG	TGA	0	0
mORF_-_727205	727205	727258	-	6	54	GTG	TGA	0	0
mORF_-_727298	727298	727336	-	6	39	TTG	TAG	0	0
mORF_-_727333	727333	727431	-	5	99	ATG	TGA	0	0
mORF_-_727343	727343	727402	-	6	60	TTG	TGA	0	0
mORF_-_727421	727421	727462	-	6	42	ATG	TAG	0	0
mORF_-_727475	727475	727510	-	6	36	TTG	TGA	0	0
mORF_-_727514	727514	727522	-	6	9	TTG	TGA	0	0
mORF_-_727583	727583	727630	-	6	48	TTG	TGA	0	0
mORF_-_727600	727600	727662	-	5	63	GTG	TAG	0	0
mORF_-_727687	727687	727767	-	5	81	TTG	TAA	0	0
mORF_-_727748	727748	727765	-	6	18	GTG	TGA	0	0
mORF_-_727784	727784	727861	-	6	78	ATG	TGA	0	0
mORF_-_727861	727861	727971	-	5	111	ATG	TAA	0	0
mORF_-_727955	727955	728158	-	6	204	ATG	TGA	0	0
mORF_-_727975	727975	727983	-	5	9	ATG	TGA	0	0
mORF_-_728029	728029	728040	-	5	12	GTG	TGA	0	0
mORF_-_728062	728062	728151	-	5	90	TTG	TAG	0	0
mORF_-_728200	728200	728274	-	5	75	TTG	TAA	0	0
mORF_-_728204	728204	728239	-	6	36	TTG	TAA	0	0
mORF_-_728267	728267	728341	-	6	75	TTG	TAA	0	0
mORF_-_728293	728293	728328	-	5	36	GTG	TGA	0	0
mORF_-_728307	728307	728324	-	4	18	ATG	TGA	0	0
mORF_-_728325	728325	728384	-	4	60	ATG	TGA	0	0
mORF_-_728396	728396	728488	-	6	93	ATG	TAA	0	0
mORF_-_728407	728407	728445	-	5	39	ATG	TAA	0	0
mORF_-_728442	728442	728546	-	4	105	TTG	TGA	0	0
mORF_-_728557	728557	728652	-	5	96	ATG	TAA	0	0
mORF_-_728645	728645	728680	-	6	36	ATG	TAA	0	0
mORF_-_728655	728655	728672	-	4	18	ATG	TAA	0	0
mORF_-_728702	728702	728731	-	6	30	GTG	TAG	0	0
mORF_-_728712	728712	728795	-	4	84	TTG	TAA	0	0
mORF_-_728743	728743	728778	-	5	36	TTG	TAA	0	0
mORF_-_728829	728829	729035	-	4	207	GTG	TGA	0	0
mORF_-_728872	728872	728946	-	5	75	ATG	TGA	0	0
mORF_-_728951	728951	728971	-	6	21	TTG	TGA	0	0
mORF_-_729020	729020	729136	-	6	117	GTG	TGA	0	0
mORF_-_729045	729045	729134	-	4	90	GTG	TAA	0	0
mORF_-_729115	729115	729180	-	5	66	GTG	TAA	0	0
mORF_-_729143	729143	729463	-	6	321	GTG	TGA	0	0
mORF_-_729217	729217	729264	-	5	48	GTG	TGA	0	0
mORF_-_729307	729307	729699	-	5	393	GTG	TAA	0	0
mORF_-_729321	729321	729509	-	4	189	GTG	TAA	0	0
mORF_-_729506	729506	729799	-	6	294	GTG	TGA	0	0
mORF_-_729534	729534	729596	-	4	63	ATG	TGA	0	0
mORF_-_729642	729642	729671	-	4	30	ATG	TAA	0	0
mORF_-_729721	729721	729858	-	5	138	GTG	TAA	0	0
mORF_-_729744	729744	729794	-	4	51	TTG	TAG	0	0
mORF_-_729855	729855	729860	-	4	6	GTG	TGA	0	0
mORF_-_729931	729931	730218	-	5	288	GTG	TAA	0	0
mORF_-_729936	729936	729941	-	4	6	GTG	TAA	0	0
mORF_-_729945	729945	730067	-	4	123	GTG	TGA	0	0
mORF_-_730074	730074	730178	-	4	105	GTG	TGA	0	0
mORF_-_730097	730097	730129	-	6	33	TTG	TGA	0	0
mORF_-_730172	730172	730195	-	6	24	ATG	TGA	0	0
mORF_-_730206	730206	730238	-	4	33	GTG	TAG	0	0
mORF_-_730231	730231	730347	-	5	117	GTG	TGA	0	0
mORF_-_730293	730293	730322	-	4	30	GTG	TGA	0	0
mORF_-_730319	730319	730366	-	6	48	TTG	TGA	0	0

mORF_-_730332	730332	730397	-	4	66	ATG	TAA	0	0	
mORF_-_730354	730354	730497	-	5	144	GTG	TAA	0	0	
mORF_-_730416	730416	730433	-	4	18	GTG	TGA	0	0	
mORF_-_730430	730430	730528	-	6	99	ATG	TGA	0	0	
mORF_-_730515	730515	730769	-	4	255	GTG	TGA	0	0	
mORF_-_730546	730546	731124	-	5	579	ATG	TAA	0	0	
mORF_-_730619	730619	730651	-	6	33	GTG	TGA	0	0	
mORF_-_730733	730733	730828	-	6	96	GTG	TGA	0	0	
mORF_-_730776	730776	730826	-	4	51	GTG	TAA	0	0	
mORF_-_730836	730836	730889	-	4	54	GTG	TGA	0	0	
mORF_-_730899	730899	730991	-	4	93	ATG	TAG	0	0	
mORF_-_731000	731000	731236	-	6	237	GTG	TGA	0	0	
mORF_-_731079	731079	731132	-	4	54	TTG	TGA	0	0	
mORF_-_731193	731193	731252	-	4	60	GTG	TAG	0	0	
mORF_-_731212	731212	731268	-	5	57	GTG	TGA	0	0	
mORF_-_731295	731295	731309	-	4	15	GTG	TAA	0	0	
mORF_-_731332	731332	731751	-	5	420	TTG	TAA	5	14	pORF_-_731332
mORF_-_731373	731373	731408	-	4	36	ATG	TAA	0	0	
mORF_-_731439	731439	731450	-	4	12	GTG	TAG	0	0	
mORF_-_731469	731469	731573	-	4	105	ATG	TGA	0	0	
mORF_-_731628	731628	731696	-	4	69	GTG	TGA	0	0	
mORF_-_731672	731672	731863	-	6	192	GTG	TAA	1	5	pORF_-_731672
mORF_-_731736	731736	731741	-	4	6	GTG	TAG	0	0	
mORF_-_731784	731784	731936	-	4	153	ATG	TAA	0	0	
mORF_-_731860	731860	732426	-	5	567	GTG	TGA	0	0	
mORF_-_731949	731949	731993	-	4	45	GTG	TGA	0	0	
mORF_-_731963	731963	731971	-	6	9	GTG	TGA	0	0	
mORF_-_731975	731975	732166	-	6	192	ATG	TGA	0	0	
mORF_-_732039	732039	732218	-	4	180	GTG	TGA	0	0	
mORF_-_732234	732234	732284	-	4	51	GTG	TGA	0	0	
mORF_-_732278	732278	732295	-	6	18	TTG	TGA	0	0	
mORF_-_732414	732414	732419	-	4	6	TTG	TAA	0	0	
mORF_-_732432	732432	732461	-	4	30	GTG	TAA	0	0	
mORF_-_732458	732458	732553	-	6	96	GTG	TGA	0	0	
mORF_-_732501	732501	732563	-	4	63	ATG	TGA	0	0	
mORF_-_732553	732553	732576	-	5	24	ATG	TAG	0	0	
mORF_-_732563	732563	732751	-	6	189	TTG	TAA	0	0	
mORF_-_732577	732577	732693	-	5	117	TTG	TGA	0	0	
mORF_-_732843	732843	732986	-	4	144	GTG	TAA	0	0	
mORF_-_732866	732866	732871	-	6	6	GTG	TGA	0	0	
mORF_-_732886	732886	732903	-	5	18	TTG	TAG	0	0	
mORF_-_732911	732911	732931	-	6	21	ATG	TAG	0	0	
mORF_-_732983	732983	733126	-	6	144	ATG	TGA	0	0	
mORF_-_733027	733027	733083	-	5	57	GTG	TAG	0	0	
mORF_-_733056	733056	733073	-	4	18	ATG	TAG	0	0	
mORF_-_733123	733123	733158	-	5	36	TTG	TGA	0	0	
mORF_-_733130	733130	733210	-	6	81	ATG	TAA	0	0	
mORF_-_733272	733272	733289	-	4	18	TTG	TGA	0	0	
mORF_-_733286	733286	733444	-	6	159	ATG	TGA	0	0	
mORF_-_733332	733332	733622	-	4	291	TTG	TAA	2	8	pORF_-_733332
mORF_-_733499	733499	733567	-	6	69	GTG	TGA	0	0	
mORF_-_733543	733543	733734	-	5	192	GTG	TAA	0	0	
mORF_-_733607	733607	733612	-	6	6	GTG	TAG	0	0	
mORF_-_733655	733655	733807	-	6	153	ATG	TAA	0	0	
mORF_-_733731	733731	734297	-	4	567	GTG	TGA	0	0	
mORF_-_733820	733820	733864	-	6	45	GTG	TGA	0	0	
mORF_-_733834	733834	733842	-	5	9	GTG	TGA	0	0	
mORF_-_733846	733846	734037	-	5	192	ATG	TGA	0	0	
mORF_-_733910	733910	734200	-	6	291	TTG	TGA	0	0	
mORF_-_734149	734149	734166	-	5	18	TTG	TGA	0	0	
mORF_-_734285	734285	734290	-	6	6	TTG	TAA	0	0	
mORF_-_734303	734303	734332	-	6	30	GTG	TAA	0	0	
mORF_-_734329	734329	734424	-	5	96	TTG	TGA	0	0	

mORF_-_734393	734393	734569	-	6	177	TTG	TGA	1	4	pORF_-_734393
mORF_-_734421	734421	734435	-	4	15	GTG	TGA	0	0	
mORF_-_734436	734436	734516	-	4	81	TTG	TAA	0	0	
mORF_-_734476	734476	734529	-	5	54	ATG	TAG	0	0	
mORF_-_734566	734566	734574	-	5	9	ATG	TGA	0	0	
mORF_-_734578	734578	734739	-	5	162	GTG	TGA	0	0	
mORF_-_734586	734586	734732	-	4	147	TTG	TAA	0	0	
mORF_-_734600	734600	734605	-	6	6	GTG	TAG	0	0	
mORF_-_734762	734762	734956	-	6	195	ATG	TAG	0	0	
mORF_-_734779	734779	734802	-	5	24	TTG	TAA	0	0	
mORF_-_734836	734836	734856	-	5	21	ATG	TAG	0	0	
mORF_-_734953	734953	735024	-	5	72	ATG	TGA	0	0	
mORF_-_734985	734985	735086	-	4	102	ATG	TAG	0	0	
mORF_-_735008	735008	735070	-	6	63	TTG	TAA	0	0	
mORF_-_735037	735037	735051	-	5	15	ATG	TGA	0	0	
mORF_-_735061	735061	735105	-	5	45	GTG	TAA	0	0	
mORF_-_735102	735102	735143	-	4	42	GTG	TGA	0	0	
mORF_-_735143	735143	735262	-	6	120	TTG	TAG	0	0	
mORF_-_735160	735160	735171	-	5	12	TTG	TGA	0	0	
mORF_-_735231	735231	735311	-	4	81	TTG	TAA	0	0	
mORF_-_735283	735283	735315	-	5	33	ATG	TGA	0	0	
mORF_-_735308	735308	735367	-	6	60	ATG	TGA	0	0	
mORF_-_735327	735327	735365	-	4	39	GTG	TAA	0	0	
mORF_-_735346	735346	735378	-	5	33	TTG	TAA	0	0	
mORF_-_735398	735398	735415	-	6	18	ATG	TAA	0	0	
mORF_-_735419	735419	735472	-	6	54	ATG	TAG	0	0	
mORF_-_735465	735465	735521	-	4	57	ATG	TAA	0	0	
mORF_-_735506	735506	735538	-	6	33	GTG	TAA	0	0	
mORF_-_735545	735545	735586	-	6	42	TTG	TAG	0	0	
mORF_-_735599	735599	735622	-	6	24	ATG	TAA	0	0	
mORF_-_735619	735619	735639	-	5	21	TTG	TGA	0	0	
mORF_-_735647	735647	735739	-	6	93	ATG	TAA	0	0	
mORF_-_735702	735702	735707	-	4	6	GTG	TAA	0	0	
mORF_-_735755	735755	735880	-	6	126	GTG	TAG	0	0	
mORF_-_735777	735777	735827	-	4	51	GTG	TAA	0	0	
mORF_-_735877	735877	735918	-	5	42	GTG	TGA	0	0	
mORF_-_735938	735938	735952	-	6	15	ATG	TAG	0	0	
mORF_-_735982	735982	736002	-	5	21	ATG	TAA	0	0	
mORF_-_735999	735999	736019	-	4	21	TTG	TGA	0	0	
mORF_-_736027	736027	736119	-	5	93	ATG	TAA	0	0	
mORF_-_736092	736092	736133	-	4	42	ATG	TAA	0	0	
mORF_-_736138	736138	736341	-	5	204	ATG	TAG	1	4	pORF_-_736138
mORF_-_736157	736157	736207	-	6	51	GTG	TAA	0	0	
mORF_-_736289	736289	736300	-	6	12	TTG	TGA	0	0	
mORF_-_736305	736305	736364	-	4	60	ATG	TGA	0	0	
mORF_-_736319	736319	736348	-	6	30	TTG	TAA	0	0	
mORF_-_736345	736345	736428	-	5	84	ATG	TGA	0	0	
mORF_-_736361	736361	736369	-	6	9	TTG	TGA	0	0	
mORF_-_736395	736395	736403	-	4	9	TTG	TAA	0	0	
mORF_-_736425	736425	736556	-	4	132	GTG	TGA	0	0	
mORF_-_736433	736433	736450	-	6	18	TTG	TAA	0	0	
mORF_-_736444	736444	736602	-	5	159	TTG	TGA	0	0	
mORF_-_736553	736553	736558	-	6	6	TTG	TGA	0	0	
mORF_-_736652	736652	736720	-	6	69	TTG	TAA	0	0	
mORF_-_736690	736690	736761	-	5	72	ATG	TAA	0	0	
mORF_-_736758	736758	736799	-	4	42	GTG	TGA	0	0	
mORF_-_736796	736796	736852	-	6	57	TTG	TGA	0	0	
mORF_-_736849	736849	736866	-	5	18	TTG	TGA	0	0	
mORF_-_736896	736896	737135	-	4	240	ATG	TAA	0	0	
mORF_-_736901	736901	736942	-	6	42	TTG	TGA	0	0	
mORF_-_736915	736915	736977	-	5	63	GTG	TAA	0	0	
mORF_-_737047	737047	737061	-	5	15	GTG	TGA	0	0	
mORF_-_737204	737204	737218	-	6	15	ATG	TAG	0	0	

mORF_-_737265	737265	737285	-	4	21	TTG	TAA	0	0
mORF_-_737282	737282	737386	-	6	105	ATG	TGA	0	0
mORF_-_737293	737293	737313	-	5	21	TTG	TAA	0	0
mORF_-_737402	737402	737608	-	6	207	ATG	TAG	0	0
mORF_-_737424	737424	737474	-	4	51	GTG	TAA	0	0
mORF_-_737524	737524	737535	-	5	12	ATG	TGA	0	0
mORF_-_737602	737602	737631	-	5	30	ATG	TAG	0	0
mORF_-_737612	737612	737695	-	6	84	ATG	TGA	0	0
mORF_-_737628	737628	737636	-	4	9	TTG	TGA	0	0
mORF_-_737662	737662	737670	-	5	9	TTG	TAA	0	0
mORF_-_737692	737692	737823	-	5	132	TTG	TGA	0	0
mORF_-_737700	737700	737717	-	4	18	TTG	TAA	0	0
mORF_-_737711	737711	737869	-	6	159	TTG	TGA	0	0
mORF_-_737820	737820	737987	-	4	168	TTG	TGA	0	0
mORF_-_737884	737884	737970	-	5	87	TTG	TAA	0	0
mORF_-_737957	737957	738028	-	6	72	ATG	TAA	0	0
mORF_-_738025	738025	738066	-	5	42	GTG	TGA	0	0
mORF_-_738099	738099	738185	-	4	87	TTG	TAG	0	0
mORF_-_738149	738149	738178	-	6	30	ATG	TAG	0	0
mORF_-_738166	738166	738171	-	5	6	TTG	TGA	0	0
mORF_-_738175	738175	738252	-	5	78	GTG	TGA	0	0
mORF_-_738189	738189	738194	-	4	6	GTG	TAG	0	0
mORF_-_738230	738230	738235	-	6	6	TTG	TAG	0	0
mORF_-_738254	738254	738277	-	6	24	ATG	TAG	0	0
mORF_-_738281	738281	738301	-	6	21	ATG	TAA	0	0
mORF_-_738305	738305	738637	-	6	333	GTG	TAA	0	0
mORF_-_738367	738367	738384	-	5	18	TTG	TGA	0	0
mORF_-_738436	738436	738441	-	5	6	TTG	TAA	0	0
mORF_-_738475	738475	738486	-	5	12	TTG	TGA	0	0
mORF_-_738496	738496	738504	-	5	9	TTG	TGA	0	0
mORF_-_738526	738526	738552	-	5	27	GTG	TAA	0	0
mORF_-_738576	738576	738608	-	4	33	GTG	TAA	0	0
mORF_-_738586	738586	738633	-	5	48	TTG	TAA	0	0
mORF_-_738668	738668	738718	-	6	51	ATG	TGA	0	0
mORF_-_738679	738679	738741	-	5	63	ATG	TAA	0	0
mORF_-_738705	738705	738869	-	4	165	ATG	TAA	0	0
mORF_-_738734	738734	738817	-	6	84	GTG	TAG	0	0
mORF_-_738763	738763	738903	-	5	141	TTG	TAA	0	0
mORF_-_738839	738839	738847	-	6	9	GTG	TAG	0	0
mORF_-_738879	738879	738896	-	4	18	TTG	TGA	0	0
mORF_-_738913	738913	738918	-	5	6	TTG	TAG	0	0
mORF_-_738946	738946	739362	-	5	417	TTG	TAA	0	0
mORF_-_739161	739161	739289	-	4	129	ATG	TGA	0	0
mORF_-_739190	739190	739285	-	6	96	ATG	TAA	0	0
mORF_-_739289	739289	739459	-	6	171	TTG	TAA	0	0
mORF_-_739308	739308	739433	-	4	126	GTG	TGA	0	0
mORF_-_739363	739363	739407	-	5	45	TTG	TAA	0	0
mORF_-_739468	739468	739668	-	5	201	ATG	TAA	0	0
mORF_-_739547	739547	739621	-	6	75	ATG	TAA	0	0
mORF_-_739593	739593	739691	-	4	99	TTG	TGA	0	0
mORF_-_739622	739622	739666	-	6	45	GTG	TAA	0	0
mORF_-_739669	739669	739752	-	5	84	ATG	TAA	0	0
mORF_-_739725	739725	739931	-	4	207	TTG	TGA	0	0
mORF_-_739829	739829	739894	-	6	66	TTG	TGA	0	0
mORF_-_739891	739891	739962	-	5	72	ATG	TGA	0	0
mORF_-_739928	739928	739939	-	6	12	TTG	TGA	0	0
mORF_-_739973	739973	740164	-	6	192	TTG	TAA	0	0
mORF_-_739987	739987	740376	-	5	390	GTG	TAG	0	0
mORF_-_740067	740067	740093	-	4	27	TTG	TAA	0	0
mORF_-_740157	740157	740228	-	4	72	TTG	TGA	0	0
mORF_-_740207	740207	740212	-	6	6	TTG	TAG	0	0
mORF_-_740225	740225	740284	-	6	60	ATG	TGA	0	0
mORF_-_740298	740298	741779	-	4	1482	ATG	TAA	0	0

mORF_-_740369	740369	740482	-	6	114	TTG	TAG	0	0
mORF_-_740549	740549	740614	-	6	66	TTG	TGA	0	0
mORF_-_740642	740642	740665	-	6	24	ATG	TGA	0	0
mORF_-_740717	740717	740776	-	6	60	GTG	TGA	0	0
mORF_-_740764	740764	740811	-	5	48	GTG	TAA	0	0
mORF_-_740783	740783	740869	-	6	87	TTG	TAA	0	0
mORF_-_740914	740914	741138	-	5	225	ATG	TAG	0	0
mORF_-_740966	740966	740971	-	6	6	TTG	TGA	0	0
mORF_-_740972	740972	741058	-	6	87	TTG	TGA	0	0
mORF_-_741101	741101	741220	-	6	120	GTG	TGA	0	0
mORF_-_741184	741184	741222	-	5	39	ATG	TAA	0	0
mORF_-_741245	741245	741349	-	6	105	ATG	TGA	0	0
mORF_-_741353	741353	741394	-	6	42	ATG	TGA	0	0
mORF_-_741416	741416	741511	-	6	96	ATG	TAA	0	0
mORF_-_741542	741542	741604	-	6	63	ATG	TGA	0	0
mORF_-_741683	741683	741742	-	6	60	ATG	TGA	0	0
mORF_-_741772	741772	741792	-	5	21	TTG	TAA	0	0
mORF_-_741776	741776	741808	-	6	33	GTG	TGA	0	0
mORF_-_741868	741868	741897	-	5	30	ATG	TAA	0	0
mORF_-_741872	741872	741907	-	6	36	ATG	TAA	0	0
mORF_-_741907	741907	741933	-	5	27	TTG	TAA	0	0
mORF_-_741963	741963	741974	-	4	12	TTG	TAA	0	0
mORF_-_742008	742008	742241	-	4	234	ATG	TAG	0	0
mORF_-_742028	742028	742060	-	6	33	GTG	TGA	0	0
mORF_-_742112	742112	742231	-	6	120	ATG	TAA	0	0
mORF_-_742244	742244	742648	-	6	405	ATG	TAG	0	0
mORF_-_742296	742296	742358	-	4	63	ATG	TAA	0	0
mORF_-_742321	742321	742380	-	5	60	GTG	TGA	0	0
mORF_-_742512	742512	742652	-	4	141	ATG	TAA	0	0
mORF_-_742621	742621	742725	-	5	105	ATG	TAA	0	0
mORF_-_742653	742653	742697	-	4	45	ATG	TGA	0	0
mORF_-_742691	742691	742702	-	6	12	GTG	TGA	0	0
mORF_-_742780	742780	742791	-	5	12	ATG	TAG	0	0
mORF_-_742801	742801	743175	-	5	375	GTG	TGA	0	0
mORF_-_742833	742833	743018	-	4	186	ATG	TAA	0	0
mORF_-_743075	743075	743380	-	6	306	GTG	TAA	0	0
mORF_-_743203	743203	743250	-	5	48	TTG	TAA	0	0
mORF_-_743211	743211	743258	-	4	48	GTG	TGA	0	0
mORF_-_743251	743251	743256	-	5	6	GTG	TAG	0	0
mORF_-_743281	743281	743373	-	5	93	ATG	TAA	0	0
mORF_-_743370	743370	743549	-	4	180	GTG	TGA	0	0
mORF_-_743381	743381	743500	-	6	120	GTG	TGA	0	0
mORF_-_743519	743519	743632	-	6	114	GTG	TGA	0	0
mORF_-_743542	743542	743559	-	5	18	GTG	TGA	0	0
mORF_-_743763	743763	743786	-	4	24	GTG	TAA	0	0
mORF_-_743770	743770	743847	-	5	78	ATG	TAA	0	0
mORF_-_743798	743798	743986	-	6	189	ATG	TAA	0	0
mORF_-_743892	743892	744074	-	4	183	TTG	TAA	0	0
mORF_-_743959	743959	744042	-	5	84	ATG	TAA	0	0
mORF_-_744011	744011	744085	-	6	75	ATG	TGA	0	0
mORF_-_744064	744064	744213	-	5	150	GTG	TAA	0	0
mORF_-_744089	744089	744124	-	6	36	GTG	TAG	0	0
mORF_-_744096	744096	744107	-	4	12	TTG	TAA	0	0
mORF_-_744138	744138	744146	-	4	9	GTG	TAA	0	0
mORF_-_744143	744143	744220	-	6	78	GTG	TGA	0	0
mORF_-_744153	744153	744302	-	4	150	ATG	TAA	0	0
mORF_-_744227	744227	744250	-	6	24	ATG	TAA	0	0
mORF_-_744247	744247	744339	-	5	93	GTG	TGA	0	0
mORF_-_744330	744330	744368	-	4	39	TTG	TAG	0	0
mORF_-_744356	744356	744388	-	6	33	TTG	TAA	0	0
mORF_-_744369	744369	744467	-	4	99	TTG	TAA	0	0
mORF_-_744445	744445	744837	-	5	393	TTG	TAA	0	0
mORF_-_744483	744483	744506	-	4	24	ATG	TGA	0	0

mORF_-_744503	744503	744658	-	6	156	TTG	TGA	0	0
mORF_-_744555	744555	744599	-	4	45	ATG	TGA	0	0
mORF_-_744690	744690	744833	-	4	144	TTG	TGA	0	0
mORF_-_744695	744695	744850	-	6	156	TTG	TGA	0	0
mORF_-_744882	744882	744998	-	4	117	GTG	TGA	0	0
mORF_-_744916	744916	745056	-	5	141	GTG	TGA	0	0
mORF_-_744995	744995	745219	-	6	225	TTG	TGA	0	0
mORF_-_745210	745210	745272	-	5	63	GTG	TGA	0	0
mORF_-_745254	745254	745268	-	4	15	TTG	TAA	0	0
mORF_-_745269	745269	745298	-	4	30	ATG	TGA	0	0
mORF_-_745323	745323	745331	-	4	9	ATG	TAA	0	0
mORF_-_745328	745328	745339	-	6	12	TTG	TGA	0	0
mORF_-_745344	745344	745517	-	4	174	ATG	TAA	0	0
mORF_-_745370	745370	745459	-	6	90	ATG	TAA	0	0
mORF_-_745466	745466	745513	-	6	48	GTG	TAA	0	0
mORF_-_745524	745524	745529	-	4	6	TTG	TAA	0	0
mORF_-_745626	745626	745757	-	4	132	GTG	TAA	0	0
mORF_-_745637	745637	745663	-	6	27	TTG	TGA	0	0
mORF_-_745709	745709	745729	-	6	21	TTG	TGA	0	0
mORF_-_745726	745726	745755	-	5	30	GTG	TGA	0	0
mORF_-_745761	745761	745853	-	4	93	ATG	TAA	0	0
mORF_-_745850	745850	745903	-	6	54	GTG	TGA	0	0
mORF_-_745888	745888	745989	-	5	102	TTG	TGA	0	0
mORF_-_745908	745908	745946	-	4	39	GTG	TGA	0	0
mORF_-_745946	745946	747070	-	6	1125	TTG	TAG	0	0
mORF_-_746002	746002	746094	-	5	93	TTG	TGA	0	0
mORF_-_746125	746125	746136	-	5	12	TTG	TGA	0	0
mORF_-_746133	746133	746177	-	4	45	TTG	TGA	0	0
mORF_-_746152	746152	746418	-	5	267	TTG	TGA	0	0
mORF_-_746247	746247	746402	-	4	156	ATG	TAA	0	0
mORF_-_746512	746512	746703	-	5	192	TTG	TGA	0	0
mORF_-_746676	746676	746696	-	4	21	TTG	TAG	0	0
mORF_-_746722	746722	746799	-	5	78	TTG	TAA	0	0
mORF_-_746800	746800	746811	-	5	12	TTG	TGA	0	0
mORF_-_746871	746871	747137	-	4	267	ATG	TAG	0	0
mORF_-_746890	746890	746964	-	5	75	GTG	TGA	0	0
mORF_-_747089	747089	747127	-	6	39	TTG	TGA	0	0
mORF_-_747134	747134	747316	-	6	183	ATG	TGA	0	0
mORF_-_747144	747144	748232	-	4	1089	ATG	TGA	0	0
mORF_-_747332	747332	747346	-	6	15	TTG	TGA	0	0
mORF_-_747347	747347	747514	-	6	168	TTG	TGA	0	0
mORF_-_747406	747406	747423	-	5	18	ATG	TAA	0	0
mORF_-_747511	747511	747555	-	5	45	TTG	TGA	0	0
mORF_-_747596	747596	747895	-	6	300	GTG	TGA	0	0
mORF_-_747754	747754	747789	-	5	36	ATG	TAA	0	0
mORF_-_747832	747832	747846	-	5	15	GTG	TAA	0	0
mORF_-_747950	747950	748075	-	6	126	TTG	TAA	0	0
mORF_-_748000	748000	748005	-	5	6	TTG	TGA	0	0
mORF_-_748100	748100	748123	-	6	24	TTG	TAG	0	0
mORF_-_748151	748151	748201	-	6	51	GTG	TGA	0	0
mORF_-_748202	748202	748954	-	6	753	TTG	TGA	0	0
mORF_-_748255	748255	748350	-	5	96	TTG	TGA	0	0
mORF_-_748354	748354	748407	-	5	54	TTG	TGA	0	0
mORF_-_748441	748441	748566	-	5	126	ATG	TGA	0	0
mORF_-_748663	748663	748755	-	5	93	ATG	TGA	0	0
mORF_-_748759	748759	748875	-	5	117	ATG	TAG	0	0
mORF_-_748836	748836	748880	-	4	45	TTG	TAA	0	0
mORF_-_748945	748945	751443	-	5	2499	TTG	TAA	0	0
mORF_-_748962	748962	749057	-	4	96	GTG	TGA	0	0
mORF_-_749061	749061	749132	-	4	72	GTG	TAA	0	0
mORF_-_749214	749214	749258	-	4	45	TTG	TAG	0	0
mORF_-_749225	749225	749233	-	6	9	ATG	TGA	0	0
mORF_-_749262	749262	749282	-	4	21	ATG	TAA	0	0

mORF_-_749322	749322	749396	-	4	75	ATG	TGA	0	0	
mORF_-_749409	749409	749543	-	4	135	GTG	TGA	0	0	
mORF_-_749507	749507	749539	-	6	33	GTG	TGA	0	0	
mORF_-_749574	749574	749879	-	4	306	ATG	TGA	0	0	
mORF_-_749639	749639	749659	-	6	21	GTG	TGA	0	0	
mORF_-_749837	749837	749884	-	6	48	GTG	TAA	0	0	
mORF_-_749922	749922	750080	-	4	159	ATG	TAA	0	0	
mORF_-_750111	750111	750233	-	4	123	ATG	TAA	0	0	
mORF_-_750164	750164	750187	-	6	24	GTG	TGA	0	0	
mORF_-_750240	750240	750311	-	4	72	ATG	TGA	0	0	
mORF_-_750423	750423	750434	-	4	12	ATG	TGA	0	0	
mORF_-_750444	750444	750491	-	4	48	TTG	TGA	0	0	
mORF_-_750552	750552	750665	-	4	114	ATG	TGA	0	0	
mORF_-_750581	750581	750613	-	6	33	GTG	TAG	0	0	
mORF_-_750714	750714	750857	-	4	144	ATG	TAG	0	0	
mORF_-_750806	750806	750823	-	6	18	ATG	TGA	0	0	
mORF_-_750858	750858	750905	-	4	48	TTG	TGA	0	0	
mORF_-_750863	750863	750982	-	6	120	GTG	TAA	0	0	
mORF_-_750921	750921	750938	-	4	18	GTG	TGA	0	0	
mORF_-_751011	751011	751070	-	4	60	TTG	TGA	0	0	
mORF_-_751067	751067	751075	-	6	9	GTG	TGA	0	0	
mORF_-_751113	751113	751196	-	4	84	ATG	TAA	0	0	
mORF_-_751139	751139	751150	-	6	12	ATG	TGA	0	0	
mORF_-_751215	751215	751250	-	4	36	TTG	TGA	0	0	
mORF_-_751266	751266	751313	-	4	48	ATG	TAA	0	0	
mORF_-_751301	751301	751342	-	6	42	TTG	TAA	0	0	
mORF_-_751314	751314	751370	-	4	57	TTG	TGA	0	0	
mORF_-_751452	751452	752018	-	4	567	ATG	TAA	0	0	
mORF_-_751487	751487	751522	-	6	36	TTG	TAA	0	0	
mORF_-_751547	751547	751582	-	6	36	TTG	TGA	0	0	
mORF_-_751601	751601	751621	-	6	21	ATG	TAG	0	0	
mORF_-_751631	751631	751666	-	6	36	GTG	TGA	0	0	
mORF_-_751676	751676	751693	-	6	18	GTG	TGA	0	0	
mORF_-_751721	751721	751777	-	6	57	GTG	TAA	0	0	
mORF_-_751829	751829	751855	-	6	27	TTG	TAA	0	0	
mORF_-_751859	751859	751954	-	6	96	ATG	TAG	0	0	
mORF_-_751891	751891	751896	-	5	6	TTG	TGA	0	0	
mORF_-_752084	752084	752131	-	6	48	TTG	TAG	0	0	
mORF_-_752134	752134	752151	-	5	18	ATG	TAG	0	0	
mORF_-_752148	752148	752207	-	4	60	ATG	TGA	0	0	
mORF_-_752204	752204	752230	-	6	27	ATG	TGA	0	0	
mORF_-_752307	752307	752357	-	4	51	TTG	TAA	0	0	
mORF_-_752323	752323	752400	-	5	78	TTG	TAA	0	0	
mORF_-_752354	752354	752365	-	6	12	ATG	TGA	0	0	
mORF_-_752387	752387	752404	-	6	18	TTG	TAA	0	0	
mORF_-_752394	752394	752408	-	4	15	ATG	TAA	0	0	
mORF_-_752401	752401	752475	-	5	75	TTG	TGA	0	0	
mORF_-_752408	752408	753691	-	6	1284	ATG	TAA	112	2810	pORF_-_752408
mORF_-_752479	752479	752523	-	5	45	TTG	TGA	0	0	
mORF_-_752647	752647	752691	-	5	45	ATG	TGA	0	0	
mORF_-_752710	752710	752733	-	5	24	GTG	TGA	0	0	
mORF_-_752788	752788	752829	-	5	42	TTG	TGA	0	0	
mORF_-_752872	752872	753003	-	5	132	ATG	TGA	0	0	
mORF_-_752886	752886	752912	-	4	27	GTG	TAA	0	0	
mORF_-_753019	753019	753063	-	5	45	ATG	TGA	0	0	
mORF_-_753060	753060	753074	-	4	15	GTG	TGA	0	0	
mORF_-_753094	753094	753324	-	5	231	ATG	TGA	0	0	
mORF_-_753102	753102	753167	-	4	66	GTG	TAA	0	0	
mORF_-_753234	753234	753287	-	4	54	GTG	TAA	0	0	
mORF_-_753367	753367	753417	-	5	51	ATG	TGA	0	0	
mORF_-_753411	753411	753434	-	4	24	TTG	TGA	0	0	
mORF_-_753418	753418	753609	-	5	192	ATG	TGA	0	0	
mORF_-_753628	753628	753645	-	5	18	TTG	TGA	0	0	

mORF_-_753703	753703	753756	-	5	54	TTG	TAA	0	0
mORF_-_753734	753734	753751	-	6	18	GTG	TAA	0	0
mORF_-_753753	753753	753851	-	4	99	ATG	TGA	0	0
mORF_-_753775	753775	753876	-	5	102	TTG	TAA	0	0
mORF_-_753873	753873	753887	-	4	15	TTG	TGA	0	0
mORF_-_753881	753881	753913	-	6	33	GTG	TAA	0	0
mORF_-_753897	753897	754055	-	4	159	TTG	TAA	0	0
mORF_-_753938	753938	753991	-	6	54	ATG	TGA	0	0
mORF_-_753955	753955	753960	-	5	6	ATG	TAA	0	0
mORF_-_753997	753997	754035	-	5	39	TTG	TAA	0	0
mORF_-_754052	754052	754126	-	6	75	TTG	TGA	0	0
mORF_-_754072	754072	754104	-	5	33	GTG	TAA	0	0
mORF_-_754128	754128	754238	-	4	111	ATG	TAG	0	0
mORF_-_754139	754139	754258	-	6	120	ATG	TAA	0	0
mORF_-_754165	754165	754296	-	5	132	TTG	TAG	0	0
mORF_-_754342	754342	754629	-	5	288	ATG	TAA	0	0
mORF_-_754394	754394	754423	-	6	30	TTG	TAA	0	0
mORF_-_754442	754442	754672	-	6	231	GTG	TAG	0	0
mORF_-_754632	754632	754706	-	4	75	ATG	TAA	0	0
mORF_-_754648	754648	754674	-	5	27	ATG	TGA	0	0
mORF_-_754690	754690	754731	-	5	42	TTG	TAG	0	0
mORF_-_754746	754746	754832	-	4	87	ATG	TAA	0	0
mORF_-_754760	754760	754804	-	6	45	ATG	TGA	0	0
mORF_-_754804	754804	755064	-	5	261	TTG	TAA	0	0
mORF_-_754866	754866	754874	-	4	9	ATG	TAG	0	0
mORF_-_754875	754875	755009	-	4	135	ATG	TAA	0	0
mORF_-_754895	754895	754915	-	6	21	ATG	TAG	0	0
mORF_-_755033	755033	755344	-	6	312	GTG	TAA	0	0
mORF_-_755100	755100	756797	-	4	1698	GTG	TAA	0	0
mORF_-_755287	755287	755676	-	5	390	GTG	TAA	0	0
mORF_-_755360	755360	755434	-	6	75	ATG	TAG	0	0
mORF_-_755492	755492	755530	-	6	39	GTG	TGA	0	0
mORF_-_755555	755555	755572	-	6	18	GTG	TGA	0	0
mORF_-_755579	755579	755683	-	6	105	ATG	TGA	0	0
mORF_-_755702	755702	755710	-	6	9	TTG	TAA	0	0
mORF_-_755756	755756	755890	-	6	135	GTG	TGA	0	0
mORF_-_755915	755915	755929	-	6	15	TTG	TAA	0	0
mORF_-_755954	755954	756010	-	6	57	ATG	TAA	0	0
mORF_-_756007	756007	756057	-	5	51	GTG	TGA	0	0
mORF_-_756175	756175	756183	-	5	9	TTG	TAA	0	0
mORF_-_756191	756191	756217	-	6	27	TTG	TAG	0	0
mORF_-_756220	756220	756234	-	5	15	GTG	TAA	0	0
mORF_-_756227	756227	756847	-	6	621	ATG	TGA	0	0
mORF_-_756394	756394	756414	-	5	21	GTG	TAG	0	0
mORF_-_756646	756646	756705	-	5	60	TTG	TGA	0	0
mORF_-_756841	756841	756930	-	5	90	TTG	TGA	0	0
mORF_-_756977	756977	757231	-	6	255	ATG	TAA	0	0
mORF_-_757138	757138	757155	-	5	18	GTG	TAA	0	0
mORF_-_757200	757200	757310	-	4	111	ATG	TAA	0	0
mORF_-_757261	757261	757380	-	5	120	TTG	TAA	0	0
mORF_-_757417	757417	757512	-	5	96	ATG	TAA	0	0
mORF_-_757437	757437	757616	-	4	180	TTG	TAA	0	0
mORF_-_757529	757529	757669	-	6	141	TTG	TGA	0	0
mORF_-_757597	757597	757662	-	5	66	ATG	TGA	0	0
mORF_-_757662	757662	757793	-	4	132	GTG	TGA	0	0
mORF_-_757705	757705	757710	-	5	6	TTG	TAG	0	0
mORF_-_757715	757715	757756	-	6	42	TTG	TAA	0	0
mORF_-_757774	757774	757890	-	5	117	GTG	TAA	0	0
mORF_-_757827	757827	757904	-	4	78	ATG	TAG	0	0
mORF_-_757916	757916	757927	-	6	12	GTG	TAA	0	0
mORF_-_757924	757924	757983	-	5	60	TTG	TGA	0	0
mORF_-_758006	758006	758089	-	6	84	TTG	TAG	0	0
mORF_-_758070	758070	758111	-	4	42	TTG	TAA	0	0

mORF_-_758086	758086	758163	-	5	78	TTG	TGA	0	0	
mORF_-_758153	758153	758215	-	6	63	ATG	TAA	0	0	
mORF_-_758160	758160	758312	-	4	153	GTG	TGA	1	2	pORF_-_758160
mORF_-_758215	758215	758223	-	5	9	ATG	TAA	0	0	
mORF_-_758237	758237	758410	-	6	174	TTG	TGA	0	0	
mORF_-_758344	758344	758358	-	5	15	ATG	TGA	0	0	
mORF_-_758355	758355	758483	-	4	129	TTG	TGA	0	0	
mORF_-_758417	758417	758515	-	6	99	TTG	TAG	0	0	
mORF_-_758512	758512	758601	-	5	90	TTG	TGA	0	0	
mORF_-_758573	758573	758824	-	6	252	ATG	TAA	0	0	
mORF_-_758631	758631	760943	-	4	2313	TTG	TAA	0	0	
mORF_-_758891	758891	758989	-	6	99	ATG	TGA	0	0	
mORF_-_758917	758917	758982	-	5	66	TTG	TAA	0	0	
mORF_-_759026	759026	759043	-	6	18	ATG	TGA	0	0	
mORF_-_759059	759059	759115	-	6	57	GTG	TAA	0	0	
mORF_-_759173	759173	759277	-	6	105	ATG	TGA	0	0	
mORF_-_759274	759274	759333	-	5	60	TTG	TGA	0	0	
mORF_-_759299	759299	759310	-	6	12	TTG	TGA	0	0	
mORF_-_759350	759350	759382	-	6	33	TTG	TGA	0	0	
mORF_-_759358	759358	759375	-	5	18	GTG	TGA	0	0	
mORF_-_759386	759386	759655	-	6	270	TTG	TAG	0	0	
mORF_-_759728	759728	759841	-	6	114	GTG	TAA	0	0	
mORF_-_759829	759829	759957	-	5	129	GTG	TAG	0	0	
mORF_-_759842	759842	759847	-	6	6	GTG	TAA	0	0	
mORF_-_759938	759938	760030	-	6	93	ATG	TAA	0	0	
mORF_-_760136	760136	760165	-	6	30	ATG	TAA	0	0	
mORF_-_760183	760183	760194	-	5	12	GTG	TAG	0	0	
mORF_-_760199	760199	760207	-	6	9	ATG	TAA	0	0	
mORF_-_760277	760277	760336	-	6	60	ATG	TGA	0	0	
mORF_-_760403	760403	760435	-	6	33	TTG	TAA	0	0	
mORF_-_760436	760436	760453	-	6	18	ATG	TGA	0	0	
mORF_-_760520	760520	760561	-	6	42	TTG	TGA	0	0	
mORF_-_760558	760558	760572	-	5	15	ATG	TGA	0	0	
mORF_-_760679	760679	760816	-	6	138	ATG	TGA	0	0	
mORF_-_760705	760705	760911	-	5	207	ATG	TAA	0	0	
mORF_-_760898	760898	761071	-	6	174	TTG	TGA	0	0	
mORF_-_760957	760957	761433	-	5	477	ATG	TGA	0	0	
mORF_-_761084	761084	761983	-	6	900	GTG	TAA	0	0	
mORF_-_761139	761139	761264	-	4	126	GTG	TAA	0	0	
mORF_-_761530	761530	761538	-	5	9	TTG	TAA	0	0	
mORF_-_761539	761539	761799	-	5	261	TTG	TAG	0	0	
mORF_-_761757	761757	761777	-	4	21	TTG	TGA	0	0	
mORF_-_761869	761869	761919	-	5	51	TTG	TGA	0	0	
mORF_-_761967	761967	762020	-	4	54	TTG	TAA	0	0	
mORF_-_762002	762002	762109	-	6	108	TTG	TAA	0	0	
mORF_-_762058	762058	762102	-	5	45	ATG	TAG	0	0	
mORF_-_762129	762129	762236	-	4	108	GTG	TAA	0	0	
mORF_-_762200	762200	762238	-	6	39	ATG	TAA	0	0	
mORF_-_762214	762214	762294	-	5	81	GTG	TAA	0	0	
mORF_-_762243	762243	762266	-	4	24	TTG	TAA	0	0	
mORF_-_762313	762313	762345	-	5	33	TTG	TAG	0	0	
mORF_-_762342	762342	763073	-	4	732	GTG	TGA	0	0	
mORF_-_762383	762383	762472	-	6	90	TTG	TGA	0	0	
mORF_-_762488	762488	762616	-	6	129	GTG	TGA	0	0	
mORF_-_762710	762710	762733	-	6	24	TTG	TGA	0	0	
mORF_-_762758	762758	762898	-	6	141	TTG	TGA	0	0	
mORF_-_762844	762844	762975	-	5	132	GTG	TGA	0	0	
mORF_-_762989	762989	763294	-	6	306	TTG	TAG	1	2	pORF_-_762989
mORF_-_763087	763087	763116	-	5	30	TTG	TAG	0	0	
mORF_-_763339	763339	763593	-	5	255	GTG	TAA	0	0	
mORF_-_763412	763412	763474	-	6	63	GTG	TAA	0	0	
mORF_-_763449	763449	763493	-	4	45	ATG	TAA	0	0	
mORF_-_763475	763475	764143	-	6	669	GTG	TGA	0	0	

mORF_-_763611	763611	763628	-	4	18	GTG	TAA	0	0
mORF_-_763615	763615	763803	-	5	189	TTG	TAG	0	0
mORF_-_763785	763785	763871	-	4	87	GTG	TGA	0	0
mORF_-_763822	763822	763827	-	5	6	ATG	TGA	0	0
mORF_-_763828	763828	763833	-	5	6	TTG	TGA	0	0
mORF_-_763876	763876	763899	-	5	24	GTG	TAG	0	0
mORF_-_763915	763915	764085	-	5	171	TTG	TGA	0	0
mORF_-_764098	764098	764343	-	5	246	ATG	TAA	0	0
mORF_-_764154	764154	764252	-	4	99	GTG	TGA	0	0
mORF_-_764309	764309	764353	-	6	45	ATG	TAG	0	0
mORF_-_764376	764376	765098	-	4	723	ATG	TAA	0	0
mORF_-_764402	764402	764467	-	6	66	TTG	TGA	0	0
mORF_-_764468	764468	764494	-	6	27	TTG	TAG	0	0
mORF_-_764572	764572	764730	-	5	159	GTG	TAG	0	0
mORF_-_764594	764594	764662	-	6	69	TTG	TGA	0	0
mORF_-_764720	764720	764734	-	6	15	GTG	TGA	0	0
mORF_-_764798	764798	764848	-	6	51	TTG	TGA	0	0
mORF_-_764939	764939	765070	-	6	132	TTG	TAG	0	0
mORF_-_765101	765101	765175	-	6	75	TTG	TAA	0	0
mORF_-_765123	765123	765185	-	4	63	TTG	TAA	0	0
mORF_-_765145	765145	765228	-	5	84	GTG	TGA	0	0
mORF_-_765186	765186	765395	-	4	210	TTG	TGA	0	0
mORF_-_765200	765200	765205	-	6	6	ATG	TGA	0	0
mORF_-_765251	765251	765340	-	6	90	ATG	TGA	0	0
mORF_-_765319	765319	765513	-	5	195	GTG	TAA	0	0
mORF_-_765353	765353	765511	-	6	159	GTG	TGA	0	0
mORF_-_765441	765441	765467	-	4	27	ATG	TAA	0	0
mORF_-_765527	765527	765751	-	6	225	TTG	TGA	0	0
mORF_-_765564	765564	765872	-	4	309	TTG	TAA	0	0
mORF_-_765604	765604	765759	-	5	156	TTG	TAG	0	0
mORF_-_765797	765797	765802	-	6	6	GTG	TGA	0	0
mORF_-_765803	765803	765841	-	6	39	TTG	TAG	0	0
mORF_-_765857	765857	765886	-	6	30	ATG	TAA	0	0
mORF_-_765897	765897	765911	-	4	15	TTG	TAA	0	0
mORF_-_765908	765908	766273	-	6	366	TTG	TGA	0	0
mORF_-_765913	765913	765924	-	5	12	TTG	TGA	0	0
mORF_-_765993	765993	766097	-	4	105	TTG	TGA	0	0
mORF_-_766111	766111	766134	-	5	24	GTG	TGA	0	0
mORF_-_766203	766203	766214	-	4	12	TTG	TAA	0	0
mORF_-_766224	766224	766229	-	4	6	TTG	TAG	0	0
mORF_-_766331	766331	766393	-	6	63	ATG	TAG	0	0
mORF_-_766356	766356	766469	-	4	114	GTG	TAA	0	0
mORF_-_766466	766466	766492	-	6	27	TTG	TGA	0	0
mORF_-_766514	766514	766651	-	6	138	ATG	TAG	0	0
mORF_-_766660	766660	766725	-	5	66	TTG	TAA	0	0
mORF_-_766739	766739	767014	-	6	276	ATG	TAA	0	0
mORF_-_766768	766768	766785	-	5	18	ATG	TGA	0	0
mORF_-_766786	766786	766815	-	5	30	GTG	TAA	0	0
mORF_-_766966	766966	767001	-	5	36	GTG	TAG	0	0
mORF_-_767028	767028	767150	-	4	123	ATG	TAA	0	0
mORF_-_767056	767056	767115	-	5	60	TTG	TAA	0	0
mORF_-_767135	767135	767155	-	6	21	TTG	TGA	0	0
mORF_-_767143	767143	767187	-	5	45	TTG	TAA	0	0
mORF_-_767156	767156	767242	-	6	87	GTG	TAG	0	0
mORF_-_767221	767221	767343	-	5	123	TTG	TGA	0	0
mORF_-_767262	767262	767279	-	4	18	GTG	TGA	0	0
mORF_-_767276	767276	767365	-	6	90	TTG	TGA	0	0
mORF_-_767383	767383	767502	-	5	120	ATG	TAA	0	0
mORF_-_767566	767566	767589	-	5	24	ATG	TAA	0	0
mORF_-_767570	767570	767698	-	6	129	TTG	TAA	0	0
mORF_-_767611	767611	767640	-	5	30	ATG	TAG	0	0
mORF_-_767628	767628	767999	-	4	372	TTG	TAA	0	0
mORF_-_767743	767743	767751	-	5	9	ATG	TAG	0	0

mORF_-_767783	767783	767884	-	6	102	TTG	TAA	0	0	
mORF_-_767803	767803	767838	-	5	36	TTG	TAA	0	0	
mORF_-_767909	767909	768166	-	6	258	GTG	TAG	0	0	
mORF_-_767926	767926	768075	-	5	150	TTG	TGA	0	0	
mORF_-_768108	768108	768134	-	4	27	GTG	TAA	0	0	
mORF_-_768197	768197	768484	-	6	288	ATG	TAA	0	0	
mORF_-_768205	768205	768243	-	5	39	TTG	TGA	0	0	
mORF_-_768247	768247	768288	-	5	42	ATG	TGA	0	0	
mORF_-_768310	768310	768411	-	5	102	GTG	TAG	0	0	
mORF_-_768506	768506	768763	-	6	258	TTG	TAG	0	0	
mORF_-_768538	768538	768573	-	5	36	TTG	TAA	0	0	
mORF_-_768588	768588	768647	-	4	60	TTG	TAG	0	0	
mORF_-_768595	768595	768603	-	5	9	GTG	TAG	0	0	
mORF_-_768622	768622	768699	-	5	78	TTG	TGA	0	0	
mORF_-_768696	768696	768812	-	4	117	TTG	TGA	0	0	
mORF_-_768803	768803	768868	-	6	66	ATG	TGA	0	0	
mORF_-_768898	768898	768981	-	5	84	GTG	TAG	0	0	
mORF_-_768926	768926	769045	-	6	120	ATG	TGA	0	0	
mORF_-_768988	768988	769020	-	5	33	TTG	TGA	0	0	
mORF_-_769042	769042	769203	-	5	162	TTG	TGA	0	0	
mORF_-_769065	769065	769070	-	4	6	GTG	TAG	0	0	
mORF_-_769074	769074	769142	-	4	69	TTG	TAA	0	0	
mORF_-_769115	769115	769159	-	6	45	TTG	TAG	0	0	
mORF_-_769204	769204	769335	-	5	132	TTG	TAG	1	2	pORF_-_769204
mORF_-_769374	769374	769523	-	4	150	ATG	TAA	0	0	
mORF_-_769394	769394	769399	-	6	6	TTG	TGA	0	0	
mORF_-_769430	769430	769639	-	6	210	TTG	TAA	0	0	
mORF_-_769507	769507	769557	-	5	51	TTG	TAA	0	0	
mORF_-_769554	769554	769616	-	4	63	GTG	TGA	0	0	
mORF_-_769570	769570	769755	-	5	186	GTG	TAA	0	0	
mORF_-_769659	769659	769679	-	4	21	TTG	TAA	0	0	
mORF_-_769724	769724	769768	-	6	45	TTG	TGA	0	0	
mORF_-_769749	769749	769808	-	4	60	GTG	TAA	0	0	
mORF_-_769805	769805	769897	-	6	93	ATG	TGA	0	0	
mORF_-_769815	769815	769841	-	4	27	TTG	TGA	0	0	
mORF_-_769819	769819	769881	-	5	63	TTG	TAA	0	0	
mORF_-_769842	769842	769991	-	4	150	ATG	TGA	0	0	
mORF_-_769894	769894	770052	-	5	159	TTG	TGA	0	0	
mORF_-_769928	769928	769933	-	6	6	TTG	TAG	0	0	
mORF_-_770019	770019	770027	-	4	9	GTG	TGA	0	0	
mORF_-_770125	770125	770238	-	5	114	TTG	TAA	0	0	
mORF_-_770163	770163	770267	-	4	105	GTG	TAA	0	0	
mORF_-_770257	770257	770289	-	5	33	GTG	TAA	0	0	
mORF_-_770264	770264	770269	-	6	6	GTG	TGA	0	0	
mORF_-_770300	770300	770398	-	6	99	TTG	TAA	0	0	
mORF_-_770314	770314	770373	-	5	60	TTG	TAA	0	0	
mORF_-_770423	770423	770452	-	6	30	TTG	TAG	0	0	
mORF_-_770434	770434	770535	-	5	102	ATG	TGA	0	0	
mORF_-_770475	770475	770516	-	4	42	TTG	TAA	0	0	
mORF_-_770513	770513	770575	-	6	63	GTG	TGA	0	0	
mORF_-_770529	770529	770660	-	4	132	ATG	TAA	0	0	
mORF_-_770551	770551	770571	-	5	21	ATG	TAA	0	0	
mORF_-_770572	770572	770601	-	5	30	TTG	TGA	0	0	
mORF_-_770606	770606	770617	-	6	12	ATG	TAG	0	0	
mORF_-_770632	770632	770784	-	5	153	ATG	TAG	0	0	
mORF_-_770657	770657	770671	-	6	15	TTG	TGA	0	0	
mORF_-_770676	770676	770753	-	4	78	GTG	TGA	0	0	
mORF_-_770708	770708	771058	-	6	351	ATG	TAA	0	0	
mORF_-_770797	770797	770814	-	5	18	TTG	TAG	0	0	
mORF_-_770821	770821	770898	-	5	78	ATG	TAA	0	0	
mORF_-_770916	770916	770972	-	4	57	TTG	TAG	0	0	
mORF_-_770938	770938	771006	-	5	69	GTG	TAG	0	0	
mORF_-_771052	771052	771159	-	5	108	TTG	TGA	0	0	

mORF_-_771066	771066	771143	-	4	78	TTG	TGA	0	0
mORF_-_771089	771089	772027	-	6	939	TTG	TGA	0	0
mORF_-_771235	771235	771240	-	5	6	GTG	TGA	0	0
mORF_-_771253	771253	771276	-	5	24	ATG	TAA	0	0
mORF_-_771285	771285	771293	-	4	9	ATG	TGA	0	0
mORF_-_771406	771406	771501	-	5	96	ATG	TAG	0	0
mORF_-_771486	771486	771554	-	4	69	GTG	TAA	0	0
mORF_-_771508	771508	771528	-	5	21	TTG	TGA	0	0
mORF_-_771547	771547	771720	-	5	174	ATG	TAA	0	0
mORF_-_771561	771561	771569	-	4	9	TTG	TGA	0	0
mORF_-_771711	771711	771806	-	4	96	TTG	TGA	0	0
mORF_-_771796	771796	772164	-	5	369	TTG	TGA	0	0
mORF_-_771855	771855	771887	-	4	33	TTG	TGA	0	0
mORF_-_772035	772035	772076	-	4	42	GTG	TAG	0	0
mORF_-_772092	772092	772103	-	4	12	TTG	TGA	0	0
mORF_-_772154	772154	773434	-	6	1281	ATG	TAA	0	0
mORF_-_772161	772161	772184	-	4	24	TTG	TGA	0	0
mORF_-_772207	772207	772227	-	5	21	GTG	TGA	0	0
mORF_-_772230	772230	772244	-	4	15	GTG	TAG	0	0
mORF_-_772273	772273	772461	-	5	189	GTG	TAA	0	0
mORF_-_772413	772413	772430	-	4	18	GTG	TAA	0	0
mORF_-_772458	772458	772475	-	4	18	GTG	TGA	0	0
mORF_-_772579	772579	772707	-	5	129	TTG	TAG	0	0
mORF_-_772732	772732	772806	-	5	75	ATG	TAG	0	0
mORF_-_772806	772806	772967	-	4	162	TTG	TAA	0	0
mORF_-_772975	772975	773316	-	5	342	ATG	TAA	0	0
mORF_-_772986	772986	773027	-	4	42	ATG	TAG	0	0
mORF_-_773040	773040	773054	-	4	15	TTG	TGA	0	0
mORF_-_773064	773064	773114	-	4	51	GTG	TAG	0	0
mORF_-_773169	773169	773255	-	4	87	TTG	TGA	0	0
mORF_-_773323	773323	773328	-	5	6	GTG	TAG	0	0
mORF_-_773338	773338	773388	-	5	51	GTG	TAA	0	0
mORF_-_773361	773361	773510	-	4	150	TTG	TGA	0	0
mORF_-_773413	773413	773496	-	5	84	GTG	TAG	0	0
mORF_-_773474	773474	773572	-	6	99	TTG	TGA	0	0
mORF_-_773503	773503	773520	-	5	18	TTG	TGA	0	0
mORF_-_773517	773517	773528	-	4	12	ATG	TGA	0	0
mORF_-_773542	773542	773775	-	5	234	ATG	TAA	0	0
mORF_-_773613	773613	773681	-	4	69	ATG	TAA	0	0
mORF_-_773685	773685	773759	-	4	75	TTG	TAA	0	0
mORF_-_773720	773720	773797	-	6	78	ATG	TGA	0	0
mORF_-_773839	773839	773868	-	5	30	ATG	TAA	0	0
mORF_-_773847	773847	774080	-	4	234	GTG	TAA	0	0
mORF_-_773885	773885	773905	-	6	21	TTG	TAA	0	0
mORF_-_773960	773960	774106	-	6	147	GTG	TAA	0	0
mORF_-_774067	774067	774084	-	5	18	GTG	TAA	0	0
mORF_-_774108	774108	774227	-	4	120	TTG	TGA	0	0
mORF_-_774172	774172	774351	-	5	180	TTG	TAA	0	0
mORF_-_774224	774224	774256	-	6	33	TTG	TGA	0	0
mORF_-_774264	774264	774323	-	4	60	GTG	TGA	0	0
mORF_-_774369	774369	774476	-	4	108	ATG	TAA	0	0
mORF_-_774434	774434	774466	-	6	33	ATG	TGA	0	0
mORF_-_774457	774457	775029	-	5	573	GTG	TGA	0	0
mORF_-_774624	774624	774824	-	4	201	ATG	TAA	0	0
mORF_-_774833	774833	774913	-	6	81	TTG	TAA	0	0
mORF_-_774948	774948	774977	-	4	30	TTG	TAG	0	0
mORF_-_774990	774990	775190	-	4	201	GTG	TAA	0	0
mORF_-_775220	775220	775333	-	6	114	GTG	TAG	0	0
mORF_-_775287	775287	775376	-	4	90	TTG	TGA	0	0
mORF_-_775367	775367	775408	-	6	42	TTG	TGA	0	0
mORF_-_775433	775433	775441	-	6	9	GTG	TAA	0	0
mORF_-_775450	775450	775455	-	5	6	ATG	TAA	0	0
mORF_-_775480	775480	775809	-	5	330	TTG	TAA	0	0

mORF_-_775493	775493	775504	-	6	12	ATG	TAG	0	0
mORF_-_775497	775497	775577	-	4	81	TTG	TAG	0	0
mORF_-_775568	775568	775585	-	6	18	TTG	TGA	0	0
mORF_-_775616	775616	775630	-	6	15	ATG	TGA	0	0
mORF_-_775722	775722	775937	-	4	216	TTG	TGA	0	0
mORF_-_775733	775733	775768	-	6	36	TTG	TGA	0	0
mORF_-_775778	775778	775879	-	6	102	TTG	TGA	0	0
mORF_-_775903	775903	776577	-	5	675	TTG	TGA	0	0
mORF_-_775949	775949	775963	-	6	15	TTG	TAA	0	0
mORF_-_776022	776022	776486	-	4	465	GTG	TAG	0	0
mORF_-_776544	776544	776561	-	4	18	ATG	TAG	0	0
mORF_-_776604	776604	776675	-	4	72	GTG	TAG	0	0
mORF_-_776635	776635	776700	-	5	66	TTG	TAG	0	0
mORF_-_776697	776697	776723	-	4	27	GTG	TGA	0	0
mORF_-_776728	776728	776868	-	5	141	GTG	TGA	0	0
mORF_-_776748	776748	776777	-	4	30	TTG	TAG	0	0
mORF_-_776799	776799	776813	-	4	15	ATG	TGA	0	0
mORF_-_776820	776820	776861	-	4	42	ATG	TGA	0	0
mORF_-_776861	776861	776878	-	6	18	GTG	TGA	0	0
mORF_-_776903	776903	776917	-	6	15	ATG	TAA	0	0
mORF_-_776911	776911	777249	-	5	339	ATG	TAA	0	0
mORF_-_776922	776922	776987	-	4	66	ATG	TAG	0	0
mORF_-_776997	776997	777011	-	4	15	ATG	TGA	0	0
mORF_-_777011	777011	777022	-	6	12	ATG	TGA	0	0
mORF_-_777069	777069	777113	-	4	45	GTG	TAG	0	0
mORF_-_777165	777165	777242	-	4	78	GTG	TAA	0	0
mORF_-_777173	777173	777550	-	6	378	GTG	TAA	0	0
mORF_-_777268	777268	777276	-	5	9	GTG	TGA	0	0
mORF_-_777273	777273	777335	-	4	63	GTG	TGA	0	0
mORF_-_777295	777295	777300	-	5	6	TTG	TAA	0	0
mORF_-_777310	777310	777324	-	5	15	GTG	TGA	0	0
mORF_-_777352	777352	777375	-	5	24	TTG	TGA	0	0
mORF_-_777397	777397	777438	-	5	42	ATG	TGA	0	0
mORF_-_777438	777438	777587	-	4	150	GTG	TAA	0	0
mORF_-_777475	777475	777483	-	5	9	TTG	TGA	0	0
mORF_-_777529	777529	777534	-	5	6	TTG	TAA	0	0
mORF_-_777642	777642	777872	-	4	231	ATG	TAA	0	0
mORF_-_777683	777683	778069	-	6	387	TTG	TGA	0	0
mORF_-_777694	777694	777732	-	5	39	TTG	TGA	0	0
mORF_-_777796	777796	777831	-	5	36	TTG	TGA	0	0
mORF_-_777904	777904	778122	-	5	219	GTG	TAA	0	0
mORF_-_777918	777918	777935	-	4	18	GTG	TGA	0	0
mORF_-_778008	778008	778112	-	4	105	GTG	TGA	0	0
mORF_-_778144	778144	778227	-	5	84	TTG	TGA	0	0
mORF_-_778191	778191	778211	-	4	21	TTG	TGA	0	0
mORF_-_778224	778224	778844	-	4	621	TTG	TGA	0	0
mORF_-_778262	778262	778498	-	6	237	ATG	TAA	0	0
mORF_-_778336	778336	778566	-	5	231	TTG	TAA	0	0
mORF_-_778502	778502	778519	-	6	18	TTG	TAA	0	0
mORF_-_778544	778544	778582	-	6	39	TTG	TGA	0	0
mORF_-_778589	778589	778600	-	6	12	GTG	TAA	0	0
mORF_-_778610	778610	778723	-	6	114	ATG	TGA	0	0
mORF_-_778675	778675	778776	-	5	102	ATG	TAA	0	0
mORF_-_778760	778760	778783	-	6	24	TTG	TGA	0	0
mORF_-_778808	778808	778822	-	6	15	ATG	TAG	0	0
mORF_-_778834	778834	778908	-	5	75	TTG	TGA	0	0
mORF_-_778898	778898	778948	-	6	51	GTG	TGA	0	0
mORF_-_778923	778923	778976	-	4	54	GTG	TGA	0	0
mORF_-_778986	778986	779147	-	4	162	TTG	TAA	0	0
mORF_-_779122	779122	779247	-	5	126	TTG	TGA	0	0
mORF_-_779148	779148	779165	-	4	18	TTG	TGA	0	0
mORF_-_779162	779162	779251	-	6	90	GTG	TGA	0	0
mORF_-_779255	779255	779260	-	6	6	TTG	TAA	0	0

mORF_-_779266	779266	779316	-	5	51	ATG	TAG	0	0
mORF_-_779318	779318	779332	-	6	15	TTG	TGA	0	0
mORF_-_779329	779329	779463	-	5	135	TTG	TGA	0	0
mORF_-_779351	779351	779368	-	6	18	TTG	TAA	0	0
mORF_-_779390	779390	779398	-	6	9	TTG	TAG	0	0
mORF_-_779447	779447	779617	-	6	171	ATG	TAG	0	0
mORF_-_779457	779457	779666	-	4	210	ATG	TGA	0	0
mORF_-_779497	779497	779523	-	5	27	TTG	TGA	0	0
mORF_-_779578	779578	779742	-	5	165	GTG	TAG	0	0
mORF_-_779682	779682	779756	-	4	75	TTG	TAG	0	0
mORF_-_779717	779717	779767	-	6	51	TTG	TGA	0	0
mORF_-_779783	779783	779905	-	6	123	TTG	TAA	0	0
mORF_-_779811	779811	779936	-	4	126	ATG	TAA	0	0
mORF_-_779815	779815	779853	-	5	39	TTG	TGA	0	0
mORF_-_779857	779857	779943	-	5	87	GTG	TAG	0	0
mORF_-_779933	779933	779959	-	6	27	ATG	TGA	0	0
mORF_-_779962	779962	780057	-	5	96	GTG	TAA	0	0
mORF_-_779994	779994	780014	-	4	21	GTG	TAA	0	0
mORF_-_780020	780020	780064	-	6	45	GTG	TAA	0	0
mORF_-_780072	780072	780230	-	4	159	GTG	TAA	0	0
mORF_-_780100	780100	780132	-	5	33	GTG	TAA	0	0
mORF_-_780104	780104	780151	-	6	48	ATG	TGA	0	0
mORF_-_780188	780188	780223	-	6	36	ATG	TGA	0	0
mORF_-_780220	780220	780360	-	5	141	GTG	TGA	0	0
mORF_-_780297	780297	780317	-	4	21	GTG	TAA	0	0
mORF_-_780323	780323	780367	-	6	45	GTG	TAA	0	0
mORF_-_780376	780376	780534	-	5	159	GTG	TAA	0	0
mORF_-_780404	780404	780436	-	6	33	GTG	TAA	0	0
mORF_-_780408	780408	780458	-	4	51	TTG	TGA	0	0
mORF_-_780468	780468	780527	-	4	60	ATG	TAA	0	0
mORF_-_780524	780524	780544	-	6	21	TTG	TGA	0	0
mORF_-_780547	780547	780585	-	5	39	GTG	TAA	0	0
mORF_-_780598	780598	780633	-	5	36	TTG	TAA	0	0
mORF_-_780626	780626	780658	-	6	33	GTG	TAA	0	0
mORF_-_780630	780630	780719	-	4	90	TTG	TGA	0	0
mORF_-_780670	780670	780798	-	5	129	TTG	TAA	0	0
mORF_-_780713	780713	780757	-	6	45	GTG	TAA	0	0
mORF_-_780747	780747	780767	-	4	21	ATG	TGA	0	0
mORF_-_780777	780777	780788	-	4	12	ATG	TAA	0	0
mORF_-_780806	780806	780841	-	6	36	TTG	TAA	0	0
mORF_-_780834	780834	780866	-	4	33	GTG	TAA	0	0
mORF_-_780838	780838	780924	-	5	87	TTG	TGA	0	0
mORF_-_780908	780908	781015	-	6	108	ATG	TAG	0	0
mORF_-_780921	780921	781022	-	4	102	GTG	TGA	0	0
mORF_-_781012	781012	781032	-	5	21	TTG	TGA	0	0
mORF_-_781064	781064	781087	-	6	24	GTG	TAG	0	0
mORF_-_781068	781068	781106	-	4	39	ATG	TGA	0	0
mORF_-_781109	781109	781126	-	6	18	TTG	TGA	0	0
mORF_-_781116	781116	781175	-	4	60	ATG	TAA	0	0
mORF_-_781147	781147	781236	-	5	90	TTG	TAA	0	0
mORF_-_781175	781175	781207	-	6	33	ATG	TAA	0	0
mORF_-_781238	781238	781243	-	6	6	GTG	TAA	0	0
mORF_-_781259	781259	781333	-	6	75	GTG	TAA	0	0
mORF_-_781282	781282	781536	-	5	255	TTG	TAA	0	0
mORF_-_781340	781340	781375	-	6	36	ATG	TAA	0	0
mORF_-_781416	781416	781541	-	4	126	ATG	TAG	0	0
mORF_-_781469	781469	781594	-	6	126	TTG	TGA	0	0
mORF_-_781600	781600	781650	-	5	51	GTG	TGA	0	0
mORF_-_781647	781647	781700	-	4	54	ATG	TGA	0	0
mORF_-_781678	781678	781776	-	5	99	TTG	TAA	0	0
mORF_-_781721	781721	781780	-	6	60	ATG	TAG	0	0
mORF_-_781773	781773	781865	-	4	93	TTG	TGA	0	0
mORF_-_781799	781799	781843	-	6	45	TTG	TGA	0	0

mORF_-_781825	781825	781836	-	5	12	GTG	TGA	0	0	
mORF_-_781856	781856	781885	-	6	30	ATG	TAA	0	0	
mORF_-_781887	781887	781916	-	4	30	ATG	TAG	0	0	
mORF_-_781924	781924	781998	-	5	75	GTG	TAA	0	0	
mORF_-_781931	781931	782035	-	6	105	GTG	TGA	0	0	
mORF_-_781938	781938	781985	-	4	48	ATG	TAA	0	0	
mORF_-_781992	781992	782072	-	4	81	ATG	TGA	0	0	
mORF_-_782002	782002	782070	-	5	69	GTG	TAG	0	0	
mORF_-_782080	782080	782241	-	5	162	ATG	TAA	0	0	
mORF_-_782108	782108	782212	-	6	105	ATG	TAG	0	0	
mORF_-_782142	782142	782195	-	4	54	ATG	TAA	0	0	
mORF_-_782222	782222	782260	-	6	39	TTG	TGA	0	0	
mORF_-_782241	782241	782273	-	4	33	ATG	TAA	0	0	
mORF_-_782270	782270	782314	-	6	45	TTG	TGA	0	0	
mORF_-_782335	782335	782340	-	5	6	GTG	TAG	0	0	
mORF_-_782371	782371	782424	-	5	54	ATG	TAA	0	0	
mORF_-_782399	782399	782458	-	6	60	ATG	TAA	0	0	
mORF_-_782445	782445	782528	-	4	84	TTG	TAA	0	0	
mORF_-_782529	782529	782567	-	4	39	ATG	TAG	0	0	
mORF_-_782567	782567	782716	-	6	150	GTG	TAA	0	0	
mORF_-_782605	782605	782817	-	5	213	TTG	TAA	0	0	
mORF_-_782667	782667	782885	-	4	219	ATG	TGA	0	0	
mORF_-_782768	782768	782785	-	6	18	ATG	TGA	0	0	
mORF_-_782810	782810	782881	-	6	72	ATG	TGA	0	0	
mORF_-_782827	782827	782853	-	5	27	TTG	TAA	0	0	
mORF_-_782897	782897	782908	-	6	12	TTG	TAG	0	0	
mORF_-_782978	782978	782989	-	6	12	GTG	TAA	0	0	
mORF_-_783000	783000	783068	-	4	69	TTG	TAA	0	0	
mORF_-_783065	783065	783142	-	6	78	ATG	TGA	0	0	
mORF_-_783088	783088	783105	-	5	18	ATG	TGA	0	0	
mORF_-_783105	783105	784046	-	4	942	ATG	TAA	0	0	
mORF_-_783139	783139	783168	-	5	30	TTG	TGA	0	0	
mORF_-_783143	783143	783202	-	6	60	TTG	TGA	0	0	
mORF_-_783199	783199	783360	-	5	162	GTG	TGA	0	0	
mORF_-_783218	783218	783250	-	6	33	ATG	TGA	0	0	
mORF_-_783269	783269	783280	-	6	12	ATG	TGA	0	0	
mORF_-_783305	783305	783334	-	6	30	ATG	TAG	0	0	
mORF_-_783371	783371	783418	-	6	48	ATG	TGA	0	0	
mORF_-_783424	783424	783444	-	5	21	GTG	TAG	0	0	
mORF_-_783490	783490	783801	-	5	312	TTG	TGA	0	0	
mORF_-_783521	783521	783667	-	6	147	TTG	TGA	0	0	
mORF_-_783716	783716	783733	-	6	18	TTG	TAG	0	0	
mORF_-_783758	783758	783766	-	6	9	ATG	TAG	0	0	
mORF_-_783767	783767	783772	-	6	6	TTG	TGA	0	0	
mORF_-_783881	783881	783937	-	6	57	TTG	TGA	0	0	
mORF_-_783965	783965	783997	-	6	33	ATG	TGA	0	0	
mORF_-_784000	784000	784056	-	5	57	ATG	TAA	0	0	
mORF_-_784053	784053	784073	-	4	21	GTG	TGA	0	0	
mORF_-_784080	784080	784091	-	4	12	ATG	TAA	0	0	
mORF_-_784099	784099	784140	-	5	42	ATG	TAA	0	0	
mORF_-_784147	784147	784281	-	5	135	ATG	TAG	0	0	
mORF_-_784160	784160	784540	-	6	381	ATG	TAA	14	126	pORF_-_784160
mORF_-_784227	784227	784259	-	4	33	GTG	TAA	0	0	
mORF_-_784288	784288	784299	-	5	12	ATG	TGA	0	0	
mORF_-_784303	784303	784317	-	5	15	ATG	TGA	0	0	
mORF_-_784351	784351	784392	-	5	42	GTG	TAA	0	0	
mORF_-_784405	784405	784491	-	5	87	TTG	TAG	0	0	
mORF_-_784461	784461	784613	-	4	153	ATG	TAG	0	0	
mORF_-_784537	784537	784584	-	5	48	TTG	TGA	0	0	
mORF_-_784562	784562	784672	-	6	111	TTG	TAA	0	0	
mORF_-_784635	784635	784724	-	4	90	TTG	TAA	0	0	
mORF_-_784688	784688	784765	-	6	78	ATG	TAA	0	0	
mORF_-_784762	784762	784821	-	5	60	ATG	TGA	0	0	

mORF_-_784781	784781	784825	-	6	45	GTG	TAA	0	0	
mORF_-_784825	784825	784857	-	5	33	ATG	TAG	0	0	
mORF_-_784864	784864	784896	-	5	33	TTG	TGA	0	0	
mORF_-_784893	784893	784919	-	4	27	ATG	TGA	0	0	
mORF_-_784901	784901	784987	-	6	87	ATG	TAA	0	0	
mORF_-_784938	784938	785063	-	4	126	TTG	TAG	0	0	
mORF_-_785039	785039	785371	-	6	333	GTG	TGA	0	0	
mORF_-_785044	785044	785076	-	5	33	GTG	TGA	0	0	
mORF_-_785134	785134	785550	-	5	417	ATG	TAG	0	0	
mORF_-_785298	785298	785384	-	4	87	ATG	TGA	0	0	
mORF_-_785384	785384	785767	-	6	384	ATG	TGA	0	0	
mORF_-_785571	785571	785636	-	4	66	GTG	TAG	0	0	
mORF_-_785575	785575	785781	-	5	207	TTG	TAG	0	0	
mORF_-_785812	785812	785841	-	5	30	ATG	TAG	0	0	
mORF_-_785867	785867	785875	-	6	9	TTG	TAA	0	0	
mORF_-_785912	785912	785959	-	6	48	GTG	TAA	0	0	
mORF_-_785931	785931	785987	-	4	57	ATG	TGA	0	0	
mORF_-_785953	785953	785994	-	5	42	TTG	TGA	0	0	
mORF_-_785987	785987	786124	-	6	138	ATG	TGA	0	0	
mORF_-_786007	786007	786030	-	5	24	GTG	TAA	0	0	
mORF_-_786066	786066	786833	-	4	768	TTG	TAA	136	5994	pORF_-_786066
mORF_-_786143	786143	786208	-	6	66	TTG	TGA	0	0	
mORF_-_786224	786224	786235	-	6	12	TTG	TGA	0	0	
mORF_-_786242	786242	786253	-	6	12	GTG	TGA	0	0	
mORF_-_786281	786281	786292	-	6	12	GTG	TGA	0	0	
mORF_-_786299	786299	786322	-	6	24	ATG	TGA	0	0	
mORF_-_786335	786335	786346	-	6	12	TTG	TGA	0	0	
mORF_-_786389	786389	786433	-	6	45	ATG	TGA	0	0	
mORF_-_786436	786436	786477	-	5	42	GTG	TAA	0	0	
mORF_-_786455	786455	786469	-	6	15	GTG	TGA	0	0	
mORF_-_786482	786482	786499	-	6	18	ATG	TGA	0	0	
mORF_-_786524	786524	786541	-	6	18	GTG	TGA	0	0	
mORF_-_786557	786557	786613	-	6	57	ATG	TGA	0	0	
mORF_-_786574	786574	786618	-	5	45	GTG	TGA	0	0	
mORF_-_786638	786638	786664	-	6	27	TTG	TGA	0	0	
mORF_-_786713	786713	786787	-	6	75	ATG	TAA	0	0	
mORF_-_786724	786724	786774	-	5	51	GTG	TGA	0	0	
mORF_-_786830	786830	786838	-	6	9	ATG	TGA	0	0	
mORF_-_786835	786835	786888	-	5	54	TTG	TGA	0	0	
mORF_-_786842	786842	786985	-	6	144	TTG	TAA	0	0	
mORF_-_786861	786861	787004	-	4	144	ATG	TAA	0	0	
mORF_-_786892	786892	787020	-	5	129	ATG	TAA	0	0	
mORF_-_787001	787001	787030	-	6	30	TTG	TGA	0	0	
mORF_-_787020	787020	788060	-	4	1041	GTG	TAA	37	277	pORF_-_787020
mORF_-_787024	787024	787098	-	5	75	ATG	TGA	0	0	
mORF_-_787244	787244	787297	-	6	54	ATG	TGA	0	0	
mORF_-_787337	787337	787402	-	6	66	TTG	TGA	0	0	
mORF_-_787424	787424	787522	-	6	99	TTG	TGA	0	0	
mORF_-_787540	787540	787560	-	5	21	TTG	TAA	0	0	
mORF_-_787550	787550	787570	-	6	21	TTG	TGA	0	0	
mORF_-_787610	787610	787666	-	6	57	ATG	TGA	0	0	
mORF_-_787673	787673	787681	-	6	9	TTG	TGA	0	0	
mORF_-_787706	787706	787711	-	6	6	TTG	TGA	0	0	
mORF_-_787784	787784	787960	-	6	177	GTG	TGA	0	0	
mORF_-_787813	787813	787881	-	5	69	ATG	TAG	0	0	
mORF_-_787996	787996	788124	-	5	129	ATG	TAA	0	0	
mORF_-_788006	788006	788029	-	6	24	ATG	TAA	0	0	
mORF_-_788054	788054	789202	-	6	1149	ATG	TGA	19	42	pORF_-_788054
mORF_-_788082	788082	788087	-	4	6	TTG	TAA	0	0	
mORF_-_788173	788173	788196	-	5	24	TTG	TGA	0	0	
mORF_-_788209	788209	788235	-	5	27	TTG	TGA	0	0	
mORF_-_788254	788254	788310	-	5	57	ATG	TAG	0	0	
mORF_-_788341	788341	788376	-	5	36	TTG	TGA	0	0	

mORF_-_788395	788395	788592	-	5	198	GTG	TGA	0	0	
mORF_-_788472	788472	788516	-	4	45	GTG	TGA	0	0	
mORF_-_788565	788565	788633	-	4	69	TTG	TAA	0	0	
mORF_-_788638	788638	788649	-	5	12	ATG	TGA	0	0	
mORF_-_788704	788704	788709	-	5	6	TTG	TAG	0	0	
mORF_-_788821	788821	788844	-	5	24	ATG	TAA	0	0	
mORF_-_788902	788902	788991	-	5	90	ATG	TGA	0	0	
mORF_-_788922	788922	788930	-	4	9	ATG	TAA	0	0	
mORF_-_789004	789004	789036	-	5	33	GTG	TGA	0	0	
mORF_-_789021	789021	789038	-	4	18	TTG	TGA	0	0	
mORF_-_789043	789043	789108	-	5	66	TTG	TGA	0	0	
mORF_-_789115	789115	789171	-	5	57	TTG	TGA	0	0	
mORF_-_789206	789206	790252	-	6	1047	ATG	TAA	7	17	pORF_-_789206
mORF_-_789274	789274	789456	-	5	183	ATG	TGA	0	0	
mORF_-_789396	789396	789440	-	4	45	GTG	TAA	0	0	
mORF_-_789592	789592	789801	-	5	210	TTG	TAG	0	0	
mORF_-_789735	789735	789746	-	4	12	TTG	TAG	0	0	
mORF_-_789798	789798	789815	-	4	18	ATG	TGA	0	0	
mORF_-_789871	789871	789882	-	5	12	TTG	TGA	0	0	
mORF_-_789903	789903	789959	-	4	57	TTG	TAA	0	0	
mORF_-_789964	789964	789990	-	5	27	ATG	TGA	0	0	
mORF_-_790006	790006	790023	-	5	18	ATG	TGA	0	0	
mORF_-_790069	790069	790233	-	5	165	TTG	TGA	0	0	
mORF_-_790080	790080	790100	-	4	21	TTG	TAA	0	0	
mORF_-_790164	790164	790193	-	4	30	ATG	TAA	0	0	
mORF_-_790249	790249	790323	-	5	75	ATG	TGA	0	0	
mORF_-_790262	790262	791320	-	6	1059	ATG	TAA	31	324	pORF_-_790262
mORF_-_790348	790348	790458	-	5	111	ATG	TGA	0	0	
mORF_-_790570	790570	790626	-	5	57	TTG	TAA	0	0	
mORF_-_790651	790651	790659	-	5	9	TTG	TAG	0	0	
mORF_-_790678	790678	790764	-	5	87	TTG	TGA	0	0	
mORF_-_790816	790816	790896	-	5	81	ATG	TGA	0	0	
mORF_-_790957	790957	790980	-	5	24	ATG	TGA	0	0	
mORF_-_791086	791086	791118	-	5	33	TTG	TGA	0	0	
mORF_-_791137	791137	791259	-	5	123	GTG	TAG	0	0	
mORF_-_791253	791253	791345	-	4	93	ATG	TAG	0	0	
mORF_-_791296	791296	791325	-	5	30	TTG	TAA	0	0	
mORF_-_791354	791354	791374	-	6	21	TTG	TAA	0	0	
mORF_-_791367	791367	791372	-	4	6	GTG	TAA	0	0	
mORF_-_791424	791424	791531	-	4	108	GTG	TAA	0	0	
mORF_-_791465	791465	791476	-	6	12	ATG	TGA	0	0	
mORF_-_791531	791531	791542	-	6	12	TTG	TAG	0	0	
mORF_-_791539	791539	793023	-	5	1485	GTG	TGA	18	62	pORF_-_791539
mORF_-_791553	791553	791660	-	4	108	GTG	TGA	0	0	
mORF_-_791670	791670	791684	-	4	15	TTG	TGA	0	0	
mORF_-_791706	791706	791735	-	4	30	ATG	TGA	0	0	
mORF_-_791760	791760	791777	-	4	18	TTG	TGA	0	0	
mORF_-_791778	791778	791921	-	4	144	TTG	TGA	0	0	
mORF_-_791840	791840	791863	-	6	24	GTG	TGA	0	0	
mORF_-_791937	791937	791942	-	4	6	ATG	TGA	0	0	
mORF_-_792102	792102	792140	-	4	39	TTG	TAA	0	0	
mORF_-_792162	792162	792218	-	4	57	ATG	TGA	0	0	
mORF_-_792222	792222	792311	-	4	90	GTG	TGA	0	0	
mORF_-_792356	792356	792382	-	6	27	TTG	TAA	0	0	
mORF_-_792372	792372	792536	-	4	165	TTG	TAG	0	0	
mORF_-_792548	792548	792574	-	6	27	GTG	TGA	0	0	
mORF_-_792561	792561	792677	-	4	117	ATG	TGA	0	0	
mORF_-_792611	792611	792667	-	6	57	TTG	TAA	0	0	
mORF_-_792681	792681	792839	-	4	159	GTG	TAA	0	0	
mORF_-_792752	792752	792766	-	6	15	ATG	TAA	0	0	
mORF_-_792836	792836	792919	-	6	84	TTG	TGA	0	0	
mORF_-_792843	792843	792926	-	4	84	GTG	TGA	0	0	
mORF_-_792939	792939	793085	-	4	147	GTG	TAA	0	0	

mORF_-_793013	793013	793060	-	6	48	ATG	TAA	0	0	
mORF_-_793057	793057	793065	-	5	9	TTG	TGA	0	0	
mORF_-_793079	793079	793867	-	6	789	ATG	TAA	10	19	pORF_-_793079
mORF_-_793099	793099	793161	-	5	63	ATG	TGA	0	0	
mORF_-_793158	793158	793220	-	4	63	GTG	TGA	0	0	
mORF_-_793207	793207	793239	-	5	33	TTG	TAA	0	0	
mORF_-_793269	793269	793313	-	4	45	GTG	TGA	0	0	
mORF_-_793330	793330	793350	-	5	21	ATG	TGA	0	0	
mORF_-_793393	793393	793449	-	5	57	ATG	TGA	0	0	
mORF_-_793446	793446	793478	-	4	33	GTG	TGA	0	0	
mORF_-_793534	793534	793557	-	5	24	GTG	TGA	0	0	
mORF_-_793558	793558	793602	-	5	45	ATG	TAA	0	0	
mORF_-_793612	793612	793626	-	5	15	ATG	TGA	0	0	
mORF_-_793633	793633	793692	-	5	60	GTG	TGA	0	0	
mORF_-_793702	793702	793785	-	5	84	TTG	TGA	0	0	
mORF_-_793792	793792	793932	-	5	141	TTG	TAA	0	0	
mORF_-_793839	793839	794060	-	4	222	ATG	TAA	0	0	
mORF_-_793889	793889	793930	-	6	42	GTG	TAA	0	0	
mORF_-_793961	793961	793975	-	6	15	ATG	TAA	0	0	
mORF_-_794008	794008	794187	-	5	180	TTG	TAA	0	0	
mORF_-_794073	794073	794099	-	4	27	ATG	TAA	0	0	
mORF_-_794162	794162	794173	-	6	12	ATG	TAA	0	0	
mORF_-_794221	794221	794241	-	5	21	TTG	TAG	0	0	
mORF_-_794226	794226	794231	-	4	6	TTG	TGA	0	0	
mORF_-_794283	794283	794288	-	4	6	ATG	TAG	0	0	
mORF_-_794293	794293	794442	-	5	150	ATG	TAA	0	0	
mORF_-_794298	794298	794378	-	4	81	GTG	TAA	0	0	
mORF_-_794397	794397	794420	-	4	24	GTG	TGA	0	0	
mORF_-_794424	794424	794432	-	4	9	TTG	TAG	0	0	
mORF_-_794454	794454	794501	-	4	48	ATG	TAA	0	0	
mORF_-_794607	794607	794651	-	4	45	GTG	TAG	0	0	
mORF_-_794614	794614	794763	-	5	150	ATG	TGA	0	0	
mORF_-_794676	794676	795017	-	4	342	ATG	TGA	0	0	
mORF_-_794705	794705	794785	-	6	81	TTG	TGA	0	0	
mORF_-_794764	794764	794886	-	5	123	ATG	TAA	0	0	
mORF_-_794890	794890	795000	-	5	111	TTG	TAG	0	0	
mORF_-_794951	794951	794995	-	6	45	ATG	TGA	0	0	
mORF_-_795064	795064	795081	-	5	18	TTG	TAA	0	0	
mORF_-_795072	795072	795077	-	4	6	TTG	TAA	0	0	
mORF_-_795078	795078	795215	-	4	138	TTG	TGA	0	0	
mORF_-_795187	795187	795240	-	5	54	ATG	TAA	0	0	
mORF_-_795273	795273	795692	-	4	420	ATG	TAA	0	0	
mORF_-_795386	795386	795415	-	6	30	TTG	TGA	0	0	
mORF_-_795443	795443	795469	-	6	27	GTG	TGA	0	0	
mORF_-_795530	795530	795583	-	6	54	TTG	TAA	0	0	
mORF_-_795749	795749	795949	-	6	201	TTG	TGA	0	0	
mORF_-_795771	795771	795929	-	4	159	TTG	TAG	0	0	
mORF_-_795946	795946	796302	-	5	357	GTG	TGA	0	0	
mORF_-_795960	795960	796046	-	4	87	ATG	TAG	0	0	
mORF_-_796046	796046	796063	-	6	18	TTG	TAA	0	0	
mORF_-_796070	796070	796078	-	6	9	ATG	TAG	0	0	
mORF_-_796097	796097	796129	-	6	33	ATG	TGA	0	0	
mORF_-_796248	796248	796580	-	4	333	TTG	TGA	1	4	pORF_-_796248
mORF_-_796283	796283	796315	-	6	33	ATG	TAA	0	0	
mORF_-_796391	796391	796477	-	6	87	ATG	TGA	0	0	
mORF_-_796541	796541	796600	-	6	60	ATG	TGA	0	0	
mORF_-_796555	796555	796671	-	5	117	TTG	TGA	0	0	
mORF_-_796601	796601	796651	-	6	51	ATG	TGA	0	0	
mORF_-_796626	796626	796808	-	4	183	TTG	TAA	0	0	
mORF_-_796685	796685	796783	-	6	99	TTG	TAA	0	0	
mORF_-_796836	796836	797756	-	4	921	TTG	TAA	8	44	pORF_-_796836
mORF_-_796841	796841	796891	-	6	51	TTG	TGA	0	0	
mORF_-_796892	796892	796897	-	6	6	TTG	TGA	0	0	

mORF_-_796913	796913	797032	-	6	120	TTG	TAA	0	0	
mORF_-_796984	796984	797019	-	5	36	TTG	TAA	0	0	
mORF_-_797029	797029	797037	-	5	9	ATG	TGA	0	0	
mORF_-_797042	797042	797167	-	6	126	ATG	TGA	0	0	
mORF_-_797080	797080	797103	-	5	24	ATG	TGA	0	0	
mORF_-_797104	797104	797109	-	5	6	GTG	TGA	0	0	
mORF_-_797164	797164	797190	-	5	27	ATG	TGA	0	0	
mORF_-_797174	797174	797335	-	6	162	ATG	TGA	1	2	pORF_-_797174
mORF_-_797339	797339	797362	-	6	24	ATG	TGA	0	0	
mORF_-_797363	797363	797455	-	6	93	ATG	TGA	0	0	
mORF_-_797455	797455	797463	-	5	9	TTG	TAA	0	0	
mORF_-_797624	797624	797638	-	6	15	TTG	TAG	0	0	
mORF_-_797651	797651	797713	-	6	63	GTG	TGA	0	0	
mORF_-_797735	797735	797746	-	6	12	ATG	TAA	0	0	
mORF_-_797769	797769	797810	-	4	42	ATG	TAA	0	0	
mORF_-_797782	797782	798198	-	5	417	ATG	TGA	0	0	
mORF_-_797789	797789	797806	-	6	18	ATG	TAG	0	0	
mORF_-_797807	797807	797896	-	6	90	GTG	TGA	0	0	
mORF_-_797871	797871	797948	-	4	78	TTG	TGA	0	0	
mORF_-_797936	797936	798244	-	6	309	ATG	TGA	0	0	
mORF_-_797958	797958	798074	-	4	117	GTG	TAG	0	0	
mORF_-_798108	798108	798260	-	4	153	ATG	TAA	0	0	
mORF_-_798244	798244	798372	-	5	129	TTG	TAA	0	0	
mORF_-_798275	798275	798364	-	6	90	TTG	TGA	0	0	
mORF_-_798288	798288	798323	-	4	36	GTG	TGA	0	0	
mORF_-_798345	798345	798491	-	4	147	GTG	TGA	0	0	
mORF_-_798403	798403	798534	-	5	132	ATG	TGA	0	0	
mORF_-_798510	798510	798650	-	4	141	TTG	TGA	0	0	
mORF_-_798535	798535	798702	-	5	168	GTG	TAA	0	0	
mORF_-_798575	798575	798625	-	6	51	TTG	TGA	0	0	
mORF_-_798647	798647	798778	-	6	132	TTG	TGA	0	0	
mORF_-_798657	798657	798668	-	4	12	TTG	TGA	0	0	
mORF_-_798696	798696	798704	-	4	9	ATG	TGA	0	0	
mORF_-_798736	798736	798801	-	5	66	GTG	TAG	0	0	
mORF_-_798791	798791	798799	-	6	9	GTG	TAA	0	0	
mORF_-_798813	798813	798896	-	4	84	GTG	TAA	0	0	
mORF_-_798845	798845	799861	-	6	1017	ATG	TAA	0	0	
mORF_-_798912	798912	798920	-	4	9	ATG	TGA	0	0	
mORF_-_798928	798928	798972	-	5	45	ATG	TGA	0	0	
mORF_-_798975	798975	799247	-	4	273	ATG	TAA	0	0	
mORF_-_798985	798985	799053	-	5	69	ATG	TAA	0	0	
mORF_-_799183	799183	799218	-	5	36	TTG	TGA	0	0	
mORF_-_799249	799249	799329	-	5	81	TTG	TAG	0	0	
mORF_-_799357	799357	799452	-	5	96	ATG	TAA	0	0	
mORF_-_799377	799377	799400	-	4	24	TTG	TAA	0	0	
mORF_-_799458	799458	799505	-	4	48	GTG	TAA	0	0	
mORF_-_799513	799513	799536	-	5	24	ATG	TGA	0	0	
mORF_-_799537	799537	799566	-	5	30	ATG	TGA	0	0	
mORF_-_799621	799621	799662	-	5	42	ATG	TAA	0	0	
mORF_-_799696	799696	799767	-	5	72	TTG	TAA	0	0	
mORF_-_799774	799774	799791	-	5	18	ATG	TGA	0	0	
mORF_-_799852	799852	799869	-	5	18	TTG	TAA	0	0	
mORF_-_799876	799876	799950	-	5	75	TTG	TAA	0	0	
mORF_-_799914	799914	799943	-	4	30	ATG	TAA	0	0	
mORF_-_799963	799963	799977	-	5	15	ATG	TAA	0	0	
mORF_-_799980	799980	800093	-	4	114	TTG	TAA	0	0	
mORF_-_800039	800039	800050	-	6	12	ATG	TAA	0	0	
mORF_-_800051	800051	800386	-	6	336	TTG	TAA	0	0	
mORF_-_800062	800062	800166	-	5	105	ATG	TGA	0	0	
mORF_-_800094	800094	800147	-	4	54	GTG	TAA	0	0	
mORF_-_800227	800227	800490	-	5	264	TTG	TGA	0	0	
mORF_-_800253	800253	800288	-	4	36	ATG	TAG	0	0	
mORF_-_800367	800367	800453	-	4	87	GTG	TGA	0	0	

mORF_-_800527	800527	800580	-	5	54	ATG	TAA	0	0	
mORF_-_800580	800580	800648	-	4	69	ATG	TAA	0	0	
mORF_-_800611	800611	800661	-	5	51	ATG	TAA	0	0	
mORF_-_800667	800667	800693	-	4	27	TTG	TAG	0	0	
mORF_-_800675	800675	800680	-	6	6	TTG	TAG	0	0	
mORF_-_800699	800699	800941	-	6	243	ATG	TAA	0	0	
mORF_-_800739	800739	800768	-	4	30	TTG	TAA	0	0	
mORF_-_800779	800779	800907	-	5	129	TTG	TAA	0	0	
mORF_-_800832	800832	800852	-	4	21	ATG	TAG	0	0	
mORF_-_800904	800904	800981	-	4	78	ATG	TGA	0	0	
mORF_-_800956	800956	800967	-	5	12	GTG	TGA	0	0	
mORF_-_800985	800985	801158	-	4	174	ATG	TAA	0	0	
mORF_-_801047	801047	801061	-	6	15	TTG	TGA	0	0	
mORF_-_801062	801062	801088	-	6	27	ATG	TGA	0	0	
mORF_-_801223	801223	801345	-	5	123	GTG	TAA	0	0	
mORF_-_801252	801252	801302	-	4	51	TTG	TGA	0	0	
mORF_-_801361	801361	801426	-	5	66	GTG	TAA	0	0	
mORF_-_801399	801399	801416	-	4	18	ATG	TAA	0	0	
mORF_-_801448	801448	801480	-	5	33	GTG	TAG	0	0	
mORF_-_801493	801493	801582	-	5	90	TTG	TAA	0	0	
mORF_-_801498	801498	801536	-	4	39	GTG	TAA	0	0	
mORF_-_801569	801569	801754	-	6	186	TTG	TAA	0	0	
mORF_-_801640	801640	801657	-	5	18	ATG	TAA	0	0	
mORF_-_801658	801658	801678	-	5	21	GTG	TAA	0	0	
mORF_-_801682	801682	801816	-	5	135	GTG	TAG	0	0	
mORF_-_801693	801693	801701	-	4	9	TTG	TAA	0	0	
mORF_-_801813	801813	801845	-	4	33	GTG	TGA	0	0	
mORF_-_801829	801829	802026	-	5	198	ATG	TAA	0	0	
mORF_-_801969	801969	802007	-	4	39	TTG	TGA	0	0	
mORF_-_802014	802014	802022	-	4	9	TTG	TAA	0	0	
mORF_-_802154	802154	802195	-	6	42	GTG	TAA	0	0	
mORF_-_802167	802167	802184	-	4	18	ATG	TAA	0	0	
mORF_-_802192	802192	802233	-	5	42	ATG	TGA	0	0	
mORF_-_802267	802267	802359	-	5	93	TTG	TAG	0	0	
mORF_-_802278	802278	802346	-	4	69	GTG	TAG	0	0	
mORF_-_802331	802331	802384	-	6	54	GTG	TAA	0	0	
mORF_-_802363	802363	802374	-	5	12	ATG	TAG	0	0	
mORF_-_802384	802384	802410	-	5	27	ATG	TAG	0	0	
mORF_-_802423	802423	802602	-	5	180	GTG	TAA	0	0	
mORF_-_802472	802472	802489	-	6	18	ATG	TAA	0	0	
mORF_-_802491	802491	802556	-	4	66	ATG	TGA	0	0	
mORF_-_802553	802553	802570	-	6	18	ATG	TGA	0	0	
mORF_-_802607	802607	802651	-	6	45	TTG	TAA	0	0	
mORF_-_802627	802627	802722	-	5	96	ATG	TGA	0	0	
mORF_-_802662	802662	802676	-	4	15	ATG	TAA	0	0	
mORF_-_802680	802680	802832	-	4	153	GTG	TAA	1	2	pORF_-_802680
mORF_-_802735	802735	802860	-	5	126	ATG	TAA	0	0	
mORF_-_802892	802892	802906	-	6	15	ATG	TAA	0	0	
mORF_-_802906	802906	803004	-	5	99	ATG	TAA	0	0	
mORF_-_802914	802914	803030	-	4	117	GTG	TGA	0	0	
mORF_-_802949	802949	803011	-	6	63	GTG	TAG	0	0	
mORF_-_803008	803008	803049	-	5	42	ATG	TGA	0	0	
mORF_-_803059	803059	803121	-	5	63	TTG	TAA	0	0	
mORF_-_803076	803076	803114	-	4	39	ATG	TAA	0	0	
mORF_-_803111	803111	803203	-	6	93	TTG	TGA	0	0	
mORF_-_803118	803118	803180	-	4	63	GTG	TGA	0	0	
mORF_-_803167	803167	803178	-	5	12	GTG	TGA	0	0	
mORF_-_803184	803184	803255	-	4	72	GTG	TAA	0	0	
mORF_-_803194	803194	803292	-	5	99	ATG	TAA	0	0	
mORF_-_803246	803246	803326	-	6	81	GTG	TAA	0	0	
mORF_-_803268	803268	803363	-	4	96	TTG	TAG	0	0	
mORF_-_803370	803370	803459	-	4	90	GTG	TAA	0	0	
mORF_-_803473	803473	803562	-	5	90	TTG	TAA	0	0	

mORF_-_803574	803574	803738	-	4	165	TTG	TAG	0	0	
mORF_-_803599	803599	803859	-	5	261	TTG	TAA	0	0	
mORF_-_803609	803609	803665	-	6	57	GTG	TGA	0	0	
mORF_-_803817	803817	803831	-	4	15	ATG	TAG	0	0	
mORF_-_803828	803828	803905	-	6	78	GTG	TGA	0	0	
mORF_-_803856	803856	803876	-	4	21	GTG	TGA	0	0	
mORF_-_803892	803892	804050	-	4	159	GTG	TAA	0	0	
mORF_-_803902	803902	804045	-	5	144	GTG	TGA	0	0	
mORF_-_803915	803915	803968	-	6	54	TTG	TAA	0	0	
mORF_-_803972	803972	804019	-	6	48	TTG	TGA	0	0	
mORF_-_804128	804128	804265	-	6	138	TTG	TAG	0	0	
mORF_-_804156	804156	804194	-	4	39	TTG	TAG	0	0	
mORF_-_804160	804160	804273	-	5	114	TTG	TAA	0	0	
mORF_-_804282	804282	804380	-	4	99	GTG	TAA	0	0	
mORF_-_804296	804296	804424	-	6	129	TTG	TAA	0	0	
mORF_-_804421	804421	804600	-	5	180	TTG	TGA	0	0	
mORF_-_804510	804510	804560	-	4	51	ATG	TGA	0	0	
mORF_-_804576	804576	804617	-	4	42	ATG	TGA	0	0	
mORF_-_804726	804726	804746	-	4	21	TTG	TAG	0	0	
mORF_-_804743	804743	804784	-	6	42	TTG	TGA	0	0	
mORF_-_804757	804757	805164	-	5	408	ATG	TAA	0	0	
mORF_-_804801	804801	804806	-	4	6	ATG	TAA	0	0	
mORF_-_804807	804807	804821	-	4	15	ATG	TAA	0	0	
mORF_-_804903	804903	804968	-	4	66	TTG	TAG	0	0	
mORF_-_804965	804965	805021	-	6	57	GTG	TGA	0	0	
mORF_-_805022	805022	805114	-	6	93	GTG	TAA	0	0	
mORF_-_805115	805115	805141	-	6	27	ATG	TAA	0	0	
mORF_-_805152	805152	805199	-	4	48	ATG	TAG	0	0	
mORF_-_805189	805189	805206	-	5	18	TTG	TAA	0	0	
mORF_-_805211	805211	805300	-	6	90	ATG	TAA	0	0	
mORF_-_805221	805221	806504	-	4	1284	GTG	TAA	34	225	pORF_-_805221
mORF_-_805264	805264	805278	-	5	15	GTG	TAA	0	0	
mORF_-_805301	805301	805330	-	6	30	ATG	TGA	0	0	
mORF_-_805331	805331	805354	-	6	24	TTG	TAG	0	0	
mORF_-_805363	805363	805386	-	5	24	GTG	TAA	0	0	
mORF_-_805370	805370	805426	-	6	57	GTG	TGA	0	0	
mORF_-_805430	805430	805504	-	6	75	ATG	TGA	0	0	
mORF_-_805517	805517	805570	-	6	54	ATG	TAA	0	0	
mORF_-_805595	805595	805666	-	6	72	TTG	TGA	0	0	
mORF_-_805679	805679	805834	-	6	156	ATG	TGA	0	0	
mORF_-_805865	805865	805924	-	6	60	GTG	TGA	0	0	
mORF_-_805954	805954	805971	-	5	18	GTG	TAG	0	0	
mORF_-_806033	806033	806059	-	6	27	TTG	TGA	0	0	
mORF_-_806063	806063	806146	-	6	84	GTG	TGA	0	0	
mORF_-_806153	806153	806200	-	6	48	ATG	TGA	0	0	
mORF_-_806228	806228	806311	-	6	84	GTG	TAA	0	0	
mORF_-_806263	806263	806301	-	5	39	GTG	TGA	0	0	
mORF_-_806318	806318	806344	-	6	27	ATG	TGA	0	0	
mORF_-_806453	806453	806461	-	6	9	TTG	TGA	0	0	
mORF_-_806557	806557	806643	-	5	87	ATG	TAA	0	0	
mORF_-_806562	806562	806750	-	4	189	TTG	TAG	0	0	
mORF_-_806615	806615	806635	-	6	21	ATG	TAA	0	0	
mORF_-_806656	806656	807132	-	5	477	ATG	TAA	7	33	pORF_-_806656
mORF_-_806757	806757	806840	-	4	84	TTG	TAG	0	0	
mORF_-_806877	806877	806936	-	4	60	TTG	TAG	0	0	
mORF_-_806930	806930	806950	-	6	21	GTG	TAA	0	0	
mORF_-_806937	806937	807104	-	4	168	ATG	TAG	0	0	
mORF_-_807020	807020	807028	-	6	9	GTG	TGA	0	0	
mORF_-_807116	807116	807178	-	6	63	GTG	TAA	0	0	
mORF_-_807129	807129	807200	-	4	72	TTG	TGA	0	0	
mORF_-_807175	807175	807213	-	5	39	ATG	TGA	0	0	
mORF_-_807191	807191	808591	-	6	1401	ATG	TAA	7	19	pORF_-_807191
mORF_-_807292	807292	807333	-	5	42	TTG	TGA	0	0	

mORF_-_807358	807358	807606	-	5	249	TTG	TGA	0	0	
mORF_-_807462	807462	807575	-	4	114	TTG	TGA	0	0	
mORF_-_807652	807652	807753	-	5	102	TTG	TAA	0	0	
mORF_-_807660	807660	807671	-	4	12	GTG	TAA	0	0	
mORF_-_807699	807699	807803	-	4	105	ATG	TGA	0	0	
mORF_-_807796	807796	807852	-	5	57	TTG	TAA	0	0	
mORF_-_807856	807856	807873	-	5	18	ATG	TGA	0	0	
mORF_-_807889	807889	808056	-	5	168	ATG	TGA	0	0	
mORF_-_807918	807918	807989	-	4	72	GTG	TGA	0	0	
mORF_-_808005	808005	808208	-	4	204	GTG	TAA	0	0	
mORF_-_808186	808186	808242	-	5	57	TTG	TGA	0	0	
mORF_-_808246	808246	808266	-	5	21	TTG	TGA	0	0	
mORF_-_808276	808276	808344	-	5	69	TTG	TGA	0	0	
mORF_-_808287	808287	808325	-	4	39	GTG	TAA	0	0	
mORF_-_808359	808359	808379	-	4	21	TTG	TGA	0	0	
mORF_-_808420	808420	808464	-	5	45	TTG	TGA	0	0	
mORF_-_808516	808516	808521	-	5	6	TTG	TAA	0	0	
mORF_-_808524	808524	808568	-	4	45	ATG	TAG	0	0	
mORF_-_808534	808534	808599	-	5	66	TTG	TAA	0	0	
mORF_-_808572	808572	808604	-	4	33	GTG	TGA	0	0	
mORF_-_808609	808609	809022	-	5	414	GTG	TAA	0	0	
mORF_-_808680	808680	808739	-	4	60	TTG	TGA	0	0	
mORF_-_808761	808761	808964	-	4	204	GTG	TAG	0	0	
mORF_-_809013	809013	809033	-	4	21	GTG	TAG	0	0	
mORF_-_809046	809046	809072	-	4	27	GTG	TAA	0	0	
mORF_-_809060	809060	809068	-	6	9	GTG	TGA	0	0	
mORF_-_809076	809076	809324	-	4	249	ATG	TGA	0	0	
mORF_-_809120	809120	809227	-	6	108	TTG	TGA	0	0	
mORF_-_809179	809179	809475	-	5	297	TTG	TAA	0	0	
mORF_-_809321	809321	809332	-	6	12	TTG	TGA	0	0	
mORF_-_809396	809396	809626	-	6	231	TTG	TAA	0	0	
mORF_-_809421	809421	809576	-	4	156	GTG	TAG	1	2	pORF_-_809421
mORF_-_809494	809494	809544	-	5	51	TTG	TAG	0	0	
mORF_-_809586	809586	809687	-	4	102	TTG	TAA	0	0	
mORF_-_809757	809757	810002	-	4	246	ATG	TAA	0	0	
mORF_-_809765	809765	809815	-	6	51	ATG	TGA	0	0	
mORF_-_809839	809839	809910	-	5	72	GTG	TGA	0	0	
mORF_-_809995	809995	810009	-	5	15	ATG	TAA	0	0	
mORF_-_810027	810027	810386	-	4	360	GTG	TAA	0	0	
mORF_-_810056	810056	810070	-	6	15	GTG	TGA	0	0	
mORF_-_810071	810071	810310	-	6	240	TTG	TGA	0	0	
mORF_-_810136	810136	810162	-	5	27	GTG	TGA	0	0	
mORF_-_810388	810388	810429	-	5	42	ATG	TAA	0	0	
mORF_-_810392	810392	810400	-	6	9	GTG	TAG	0	0	
mORF_-_810416	810416	810562	-	6	147	ATG	TGA	0	0	
mORF_-_810448	810448	810495	-	5	48	GTG	TGA	0	0	
mORF_-_810535	810535	810570	-	5	36	ATG	TAA	0	0	
mORF_-_810597	810597	810626	-	4	30	TTG	TAA	0	0	
mORF_-_810620	810620	810751	-	6	132	TTG	TGA	0	0	
mORF_-_810637	810637	810813	-	5	177	ATG	TGA	0	0	
mORF_-_810693	810693	810770	-	4	78	ATG	TAG	0	0	
mORF_-_810755	810755	811111	-	6	357	GTG	TAA	0	0	
mORF_-_810801	810801	810875	-	4	75	GTG	TAG	0	0	
mORF_-_810844	810844	810936	-	5	93	GTG	TAA	0	0	
mORF_-_810952	810952	811008	-	5	57	ATG	TAA	0	0	
mORF_-_811008	811008	811163	-	4	156	GTG	TAA	0	0	
mORF_-_811180	811180	811227	-	5	48	ATG	TAA	0	0	
mORF_-_811240	811240	811374	-	5	135	ATG	TAA	0	0	
mORF_-_811296	811296	811364	-	4	69	GTG	TGA	0	0	
mORF_-_811396	811396	811470	-	5	75	ATG	TAA	0	0	
mORF_-_811504	811504	811515	-	5	12	GTG	TAA	0	0	
mORF_-_811512	811512	811703	-	4	192	TTG	TGA	0	0	
mORF_-_811562	811562	811567	-	6	6	TTG	TAA	0	0	

mORF_-_811600	811600	811677	-	5	78	TTG	TAA	0	0	
mORF_-_811667	811667	811759	-	6	93	TTG	TAA	0	0	
mORF_-_811714	811714	811881	-	5	168	GTG	TAA	0	0	
mORF_-_811749	811749	811781	-	4	33	ATG	TGA	0	0	
mORF_-_811799	811799	811816	-	6	18	TTG	TAA	0	0	
mORF_-_811832	811832	812047	-	6	216	GTG	TAA	0	0	
mORF_-_811878	811878	811901	-	4	24	GTG	TGA	0	0	
mORF_-_811950	811950	811973	-	4	24	GTG	TAA	0	0	
mORF_-_812044	812044	812253	-	5	210	GTG	TGA	0	0	
mORF_-_812067	812067	812174	-	4	108	ATG	TGA	0	0	
mORF_-_812186	812186	812233	-	6	48	TTG	TAA	0	0	
mORF_-_812264	812264	812278	-	6	15	ATG	TAA	0	0	
mORF_-_812275	812275	812337	-	5	63	GTG	TGA	0	0	
mORF_-_812330	812330	812356	-	6	27	ATG	TAA	0	0	
mORF_-_812337	812337	812474	-	4	138	TTG	TAG	0	0	
mORF_-_812368	812368	812385	-	5	18	TTG	TAA	0	0	
mORF_-_812420	812420	812434	-	6	15	TTG	TAA	0	0	
mORF_-_812461	812461	812523	-	5	63	ATG	TAA	0	0	
mORF_-_812481	812481	812519	-	4	39	GTG	TGA	0	0	
mORF_-_812520	812520	812531	-	4	12	TTG	TGA	0	0	
mORF_-_812580	812580	812609	-	4	30	ATG	TAA	0	0	
mORF_-_812665	812665	812688	-	5	24	ATG	TAA	0	0	
mORF_-_812691	812691	812765	-	4	75	TTG	TAA	0	0	
mORF_-_812710	812710	812850	-	5	141	GTG	TAA	0	0	
mORF_-_812796	812796	812906	-	4	111	ATG	TGA	0	0	
mORF_-_812875	812875	813102	-	5	228	ATG	TGA	0	0	
mORF_-_812903	812903	812926	-	6	24	TTG	TGA	0	0	
mORF_-_812916	812916	812948	-	4	33	TTG	TGA	0	0	
mORF_-_813048	813048	813131	-	4	84	TTG	TAG	0	0	
mORF_-_813183	813183	813233	-	4	51	GTG	TAA	0	0	
mORF_-_813205	813205	813306	-	5	102	TTG	TAA	0	0	
mORF_-_813245	813245	813382	-	6	138	GTG	TAA	0	0	
mORF_-_813303	813303	813476	-	4	174	ATG	TGA	0	0	
mORF_-_813424	813424	813786	-	5	363	TTG	TAA	0	0	
mORF_-_813458	813458	813466	-	6	9	GTG	TAG	0	0	
mORF_-_813492	813492	813584	-	4	93	TTG	TAG	0	0	
mORF_-_813497	813497	813502	-	6	6	GTG	TGA	0	0	
mORF_-_813536	813536	813712	-	6	177	GTG	TGA	0	0	
mORF_-_813768	813768	813917	-	4	150	ATG	TGA	0	0	
mORF_-_813773	813773	813856	-	6	84	ATG	TGA	0	0	
mORF_-_813878	813878	813994	-	6	117	TTG	TAA	0	0	
mORF_-_813901	813901	814179	-	5	279	GTG	TAA	0	0	
mORF_-_814013	814013	814081	-	6	69	TTG	TAA	0	0	
mORF_-_814068	814068	814115	-	4	48	TTG	TGA	0	0	
mORF_-_814100	814100	814108	-	6	9	GTG	TGA	0	0	
mORF_-_814176	814176	814364	-	4	189	ATG	TGA	0	0	
mORF_-_814256	814256	814378	-	6	123	GTG	TGA	0	0	
mORF_-_814404	814404	814568	-	4	165	TTG	TAG	0	0	
mORF_-_814418	814418	814429	-	6	12	TTG	TGA	0	0	
mORF_-_814426	814426	814899	-	5	474	ATG	TGA	0	0	
mORF_-_814754	814754	814849	-	6	96	TTG	TAA	0	0	
mORF_-_814833	814833	814919	-	4	87	GTG	TAG	0	0	
mORF_-_814889	814889	814930	-	6	42	TTG	TGA	0	0	
mORF_-_814962	814962	815930	-	4	969	TTG	TAA	3	12	pORF_-_814962
mORF_-_814967	814967	815017	-	6	51	ATG	TAG	0	0	
mORF_-_815057	815057	815062	-	6	6	TTG	TGA	0	0	
mORF_-_815072	815072	815134	-	6	63	ATG	TGA	0	0	
mORF_-_815189	815189	815197	-	6	9	GTG	TGA	0	0	
mORF_-_815279	815279	815365	-	6	87	ATG	TGA	0	0	
mORF_-_815399	815399	815449	-	6	51	TTG	TAA	0	0	
mORF_-_815456	815456	815464	-	6	9	TTG	TGA	0	0	
mORF_-_815573	815573	815629	-	6	57	TTG	TGA	0	0	
mORF_-_815660	815660	815740	-	6	81	ATG	TGA	0	0	

mORF_-_815765	815765	815845	-	6	81	TTG	TAA	0	0
mORF_-_815885	815885	815989	-	6	105	GTG	TGA	0	0
mORF_-_815931	815931	815942	-	4	12	TTG	TAA	0	0
mORF_-_815991	815991	816116	-	4	126	ATG	TAG	0	0
mORF_-_816014	816014	816031	-	6	18	ATG	TGA	0	0
mORF_-_816062	816062	816079	-	6	18	ATG	TGA	0	0
mORF_-_816082	816082	816087	-	5	6	ATG	TAA	0	0
mORF_-_816113	816113	816268	-	6	156	ATG	TGA	0	0
mORF_-_816117	816117	816149	-	4	33	GTG	TAA	0	0
mORF_-_816169	816169	816291	-	5	123	ATG	TGA	0	0
mORF_-_816273	816273	816278	-	4	6	TTG	TGA	0	0
mORF_-_816308	816308	816352	-	6	45	GTG	TAG	0	0
mORF_-_816371	816371	816568	-	6	198	TTG	TAG	0	0
mORF_-_816492	816492	816887	-	4	396	GTG	TAA	0	0
mORF_-_816559	816559	816564	-	5	6	TTG	TGA	0	0
mORF_-_816572	816572	816625	-	6	54	ATG	TAA	0	0
mORF_-_816662	816662	816751	-	6	90	TTG	TGA	0	0
mORF_-_816697	816697	816720	-	5	24	ATG	TGA	0	0
mORF_-_816779	816779	816838	-	6	60	ATG	TGA	0	0
mORF_-_816884	816884	816889	-	6	6	ATG	TGA	0	0
mORF_-_816915	816915	816941	-	4	27	TTG	TAG	0	0
mORF_-_816942	816942	817145	-	4	204	TTG	TAA	0	0
mORF_-_816989	816989	817069	-	6	81	ATG	TAA	0	0
mORF_-_817167	817167	817232	-	4	66	TTG	TGA	0	0
mORF_-_817208	817208	817246	-	6	39	ATG	TGA	0	0
mORF_-_817236	817236	817778	-	4	543	ATG	TAA	0	0
mORF_-_817253	817253	817264	-	6	12	TTG	TAG	0	0
mORF_-_817283	817283	817294	-	6	12	GTG	TGA	0	0
mORF_-_817403	817403	817423	-	6	21	ATG	TGA	0	0
mORF_-_817501	817501	817716	-	5	216	ATG	TAA	0	0
mORF_-_817532	817532	818023	-	6	492	ATG	TGA	0	0
mORF_-_817726	817726	817962	-	5	237	GTG	TGA	0	0
mORF_-_817923	817923	817991	-	4	69	TTG	TAA	0	0
mORF_-_817981	817981	817998	-	5	18	GTG	TGA	0	0
mORF_-_818020	818020	818169	-	5	150	ATG	TGA	0	0
mORF_-_818049	818049	818138	-	4	90	ATG	TGA	0	0
mORF_-_818054	818054	818074	-	6	21	GTG	TAA	0	0
mORF_-_818138	818138	818437	-	6	300	TTG	TAA	0	0
mORF_-_818170	818170	818244	-	5	75	TTG	TAA	0	0
mORF_-_818275	818275	818349	-	5	75	TTG	TAA	0	0
mORF_-_818361	818361	818372	-	4	12	GTG	TAA	0	0
mORF_-_818421	818421	818660	-	4	240	TTG	TAA	0	0
mORF_-_818434	818434	818640	-	5	207	ATG	TGA	0	0
mORF_-_818657	818657	818704	-	6	48	GTG	TGA	0	0
mORF_-_818665	818665	818766	-	5	102	GTG	TAA	0	0
mORF_-_818679	818679	818756	-	4	78	GTG	TAG	0	0
mORF_-_818763	818763	818816	-	4	54	GTG	TGA	0	0
mORF_-_818779	818779	819015	-	5	237	GTG	TAA	0	0
mORF_-_818865	818865	818906	-	4	42	GTG	TAA	0	0
mORF_-_818870	818870	818959	-	6	90	TTG	TGA	0	0
mORF_-_819012	819012	819050	-	4	39	GTG	TGA	0	0
mORF_-_819019	819019	819027	-	5	9	ATG	TGA	0	0
mORF_-_819032	819032	819061	-	6	30	ATG	TAA	0	0
mORF_-_819094	819094	819108	-	5	15	ATG	TGA	0	0
mORF_-_819105	819105	819215	-	4	111	ATG	TGA	0	0
mORF_-_819131	819131	819175	-	6	45	TTG	TGA	0	0
mORF_-_819178	819178	819297	-	5	120	ATG	TAG	0	0
mORF_-_819281	819281	819304	-	6	24	TTG	TAA	0	0
mORF_-_819294	819294	819311	-	4	18	ATG	TGA	0	0
mORF_-_819326	819326	819340	-	6	15	TTG	TGA	0	0
mORF_-_819379	819379	819420	-	5	42	ATG	TAA	0	0
mORF_-_819459	819459	819482	-	4	24	TTG	TAA	0	0
mORF_-_819496	819496	819579	-	5	84	TTG	TAA	0	0

mORF_-_819540	819540	819569	-	4	30	ATG	TAA	0	0	
mORF_-_819576	819576	819602	-	4	27	ATG	TGA	0	0	
mORF_-_819619	819619	819801	-	5	183	TTG	TAG	0	0	
mORF_-_819743	819743	819880	-	6	138	TTG	TAA	0	0	
mORF_-_819808	819808	819873	-	5	66	GTG	TAA	0	0	
mORF_-_819874	819874	819942	-	5	69	TTG	TAA	0	0	
mORF_-_819902	819902	819934	-	6	33	ATG	TAA	0	0	
mORF_-_819970	819970	820041	-	5	72	TTG	TAA	0	0	
mORF_-_820008	820008	820025	-	4	18	ATG	TAG	0	0	
mORF_-_820022	820022	820033	-	6	12	TTG	TGA	0	0	
mORF_-_820046	820046	820060	-	6	15	GTG	TAA	0	0	
mORF_-_820054	820054	820350	-	5	297	GTG	TGA	0	0	
mORF_-_820092	820092	820115	-	4	24	TTG	TAA	0	0	
mORF_-_820152	820152	820181	-	4	30	TTG	TAA	0	0	
mORF_-_820236	820236	820310	-	4	75	TTG	TGA	0	0	
mORF_-_820391	820391	820417	-	6	27	GTG	TAA	0	0	
mORF_-_820414	820414	820539	-	5	126	ATG	TGA	0	0	
mORF_-_820461	820461	820478	-	4	18	ATG	TGA	0	0	
mORF_-_820532	820532	820588	-	6	57	ATG	TGA	0	0	
mORF_-_820623	820623	820640	-	4	18	GTG	TAA	0	0	
mORF_-_820634	820634	820741	-	6	108	GTG	TAA	0	0	
mORF_-_820726	820726	820743	-	5	18	ATG	TAA	0	0	
mORF_-_820754	820754	820768	-	6	15	GTG	TAA	0	0	
mORF_-_820758	820758	820781	-	4	24	ATG	TAG	0	0	
mORF_-_820765	820765	821721	-	5	957	ATG	TGA	0	0	
mORF_-_820830	820830	821018	-	4	189	TTG	TGA	0	0	
mORF_-_821028	821028	821042	-	4	15	TTG	TGA	0	0	
mORF_-_821078	821078	821185	-	6	108	GTG	TAA	0	0	
mORF_-_821205	821205	821405	-	4	201	TTG	TGA	0	0	
mORF_-_821466	821466	821519	-	4	54	ATG	TGA	0	0	
mORF_-_821532	821532	821651	-	4	120	TTG	TGA	0	0	
mORF_-_821721	821721	822962	-	4	1242	ATG	TGA	1	2	pORF_-_821721
mORF_-_821750	821750	821833	-	6	84	TTG	TAG	0	0	
mORF_-_821791	821791	821892	-	5	102	GTG	TGA	0	0	
mORF_-_821882	821882	821944	-	6	63	TTG	TGA	0	0	
mORF_-_821917	821917	821934	-	5	18	TTG	TGA	0	0	
mORF_-_821954	821954	822004	-	6	51	ATG	TGA	0	0	
mORF_-_822077	822077	822178	-	6	102	TTG	TGA	0	0	
mORF_-_822323	822323	822511	-	6	189	TTG	TGA	0	0	
mORF_-_822361	822361	822435	-	5	75	GTG	TAA	0	0	
mORF_-_822575	822575	822586	-	6	12	TTG	TGA	0	0	
mORF_-_822608	822608	822658	-	6	51	TTG	TGA	0	0	
mORF_-_822707	822707	822880	-	6	174	TTG	TGA	0	0	
mORF_-_822952	822952	822978	-	5	27	GTG	TAG	0	0	
mORF_-_822959	822959	823720	-	6	762	ATG	TGA	0	0	
mORF_-_822979	822979	823140	-	5	162	ATG	TAA	0	0	
mORF_-_822993	822993	823010	-	4	18	ATG	TGA	0	0	
mORF_-_823159	823159	823236	-	5	78	ATG	TAA	0	0	
mORF_-_823233	823233	823244	-	4	12	ATG	TGA	0	0	
mORF_-_823237	823237	823284	-	5	48	GTG	TGA	0	0	
mORF_-_823281	823281	823304	-	4	24	GTG	TGA	0	0	
mORF_-_823306	823306	823311	-	5	6	ATG	TGA	0	0	
mORF_-_823327	823327	823542	-	5	216	ATG	TGA	0	0	
mORF_-_823407	823407	823586	-	4	180	TTG	TGA	0	0	
mORF_-_823570	823570	823590	-	5	21	TTG	TGA	0	0	
mORF_-_823741	823741	823854	-	5	114	ATG	TAA	0	0	
mORF_-_823746	823746	823772	-	4	27	GTG	TGA	0	0	
mORF_-_823769	823769	823774	-	6	6	TTG	TGA	0	0	
mORF_-_823787	823787	823867	-	6	81	TTG	TAA	0	0	
mORF_-_823839	823839	823883	-	4	45	TTG	TGA	0	0	
mORF_-_823889	823889	823915	-	6	27	ATG	TAG	0	0	
mORF_-_823905	823905	823991	-	4	87	GTG	TAA	0	0	
mORF_-_823916	823916	823969	-	6	54	GTG	TAA	0	0	

mORF_-_823966	823966	824004	-	5	39	GTG	TGA	0	0	
mORF_-_823982	823982	824044	-	6	63	TTG	TAA	0	0	
mORF_-_824001	824001	824177	-	4	177	TTG	TGA	0	0	
mORF_-_824026	824026	824148	-	5	123	TTG	TGA	0	0	
mORF_-_824225	824225	825331	-	6	1107	ATG	TAA	1	2	pORF_-_824225
mORF_-_824241	824241	824297	-	4	57	GTG	TAG	0	0	
mORF_-_824281	824281	824328	-	5	48	ATG	TGA	0	0	
mORF_-_824301	824301	824309	-	4	9	GTG	TAG	0	0	
mORF_-_824376	824376	824402	-	4	27	ATG	TAA	0	0	
mORF_-_824455	824455	824466	-	5	12	TTG	TGA	0	0	
mORF_-_824512	824512	824544	-	5	33	ATG	TGA	0	0	
mORF_-_824548	824548	824649	-	5	102	TTG	TGA	0	0	
mORF_-_824650	824650	824733	-	5	84	GTG	TAA	0	0	
mORF_-_824730	824730	824816	-	4	87	ATG	TGA	0	0	
mORF_-_824794	824794	824949	-	5	156	GTG	TGA	0	0	
mORF_-_825091	825091	825129	-	5	39	TTG	TGA	0	0	
mORF_-_825139	825139	825171	-	5	33	ATG	TGA	0	0	
mORF_-_825192	825192	825317	-	4	126	ATG	TAA	0	0	
mORF_-_825307	825307	825744	-	5	438	GTG	TAA	0	0	
mORF_-_825342	825342	826475	-	4	1134	ATG	TAG	0	0	
mORF_-_825584	825584	825604	-	6	21	ATG	TGA	0	0	
mORF_-_825787	825787	825855	-	5	69	ATG	TAA	0	0	
mORF_-_825911	825911	826087	-	6	177	GTG	TGA	0	0	
mORF_-_826100	826100	826147	-	6	48	TTG	TGA	0	0	
mORF_-_826253	826253	826348	-	6	96	TTG	TGA	0	0	
mORF_-_826376	826376	826384	-	6	9	TTG	TAG	0	0	
mORF_-_826426	826426	826434	-	5	9	GTG	TAA	0	0	
mORF_-_826468	826468	828219	-	5	1752	GTG	TAA	3	0	pORF_-_826468
mORF_-_826503	826503	826547	-	4	45	ATG	TGA	0	0	
mORF_-_826550	826550	826630	-	6	81	TTG	TAA	0	0	
mORF_-_826593	826593	826643	-	4	51	ATG	TAA	0	0	
mORF_-_826640	826640	826708	-	6	69	TTG	TGA	0	0	
mORF_-_826683	826683	826775	-	4	93	ATG	TAG	0	0	
mORF_-_826815	826815	826829	-	4	15	ATG	TAG	0	0	
mORF_-_826872	826872	826922	-	4	51	GTG	TGA	0	0	
mORF_-_827009	827009	827080	-	6	72	GTG	TAA	0	0	
mORF_-_827082	827082	827189	-	4	108	TTG	TGA	0	0	
mORF_-_827241	827241	827366	-	4	126	ATG	TAG	0	0	
mORF_-_827577	827577	827591	-	4	15	GTG	TGA	0	0	
mORF_-_827588	827588	827596	-	6	9	GTG	TGA	0	0	
mORF_-_827634	827634	827717	-	4	84	ATG	TAA	0	0	
mORF_-_827657	827657	827674	-	6	18	GTG	TGA	0	0	
mORF_-_827775	827775	827849	-	4	75	TTG	TGA	0	0	
mORF_-_827913	827913	828005	-	4	93	TTG	TGA	0	0	
mORF_-_828006	828006	828017	-	4	12	GTG	TGA	0	0	
mORF_-_828057	828057	828077	-	4	21	GTG	TGA	0	0	
mORF_-_828068	828068	828124	-	6	57	TTG	TAA	0	0	
mORF_-_828099	828099	828104	-	4	6	ATG	TGA	0	0	
mORF_-_828180	828180	828200	-	4	21	ATG	TGA	0	0	
mORF_-_828197	828197	829195	-	6	999	GTG	TGA	13	65	pORF_-_828197
mORF_-_828232	828232	828261	-	5	30	ATG	TGA	0	0	
mORF_-_828271	828271	828459	-	5	189	ATG	TGA	0	0	
mORF_-_828453	828453	828473	-	4	21	GTG	TGA	0	0	
mORF_-_828484	828484	828516	-	5	33	ATG	TAA	0	0	
mORF_-_828547	828547	828561	-	5	15	ATG	TAA	0	0	
mORF_-_828595	828595	828666	-	5	72	GTG	TGA	0	0	
mORF_-_828709	828709	828825	-	5	117	ATG	TGA	0	0	
mORF_-_828756	828756	828785	-	4	30	GTG	TGA	0	0	
mORF_-_828844	828844	828891	-	5	48	TTG	TGA	0	0	
mORF_-_828895	828895	828927	-	5	33	GTG	TGA	0	0	
mORF_-_828943	828943	829047	-	5	105	GTG	TGA	0	0	
mORF_-_829060	829060	829086	-	5	27	ATG	TAA	0	0	
mORF_-_829093	829093	829152	-	5	60	TTG	TGA	0	0	

mORF_-_829101	829101	829124	-	4	24	GTG	TAA	0	0	
mORF_-_829195	829195	829878	-	5	684	ATG	TAG	1	3	pORF_-_829195
mORF_-_829260	829260	829349	-	4	90	TTG	TGA	0	0	
mORF_-_829350	829350	829358	-	4	9	ATG	TGA	0	0	
mORF_-_829371	829371	829412	-	4	42	TTG	TGA	0	0	
mORF_-_829446	829446	829529	-	4	84	ATG	TGA	0	0	
mORF_-_829572	829572	829670	-	4	99	TTG	TGA	0	0	
mORF_-_829595	829595	829675	-	6	81	GTG	TGA	0	0	
mORF_-_829776	829776	829814	-	4	39	TTG	TGA	0	0	
mORF_-_829815	829815	829838	-	4	24	GTG	TGA	0	0	
mORF_-_829859	829859	829960	-	6	102	GTG	TAA	0	0	
mORF_-_829863	829863	829871	-	4	9	GTG	TGA	0	0	
mORF_-_829903	829903	829950	-	5	48	TTG	TAA	0	0	
mORF_-_829944	829944	830012	-	4	69	ATG	TAA	0	0	
mORF_-_829982	829982	829987	-	6	6	TTG	TGA	0	0	
mORF_-_829994	829994	829999	-	6	6	GTG	TAG	0	0	
mORF_-_830009	830009	830032	-	6	24	ATG	TGA	0	0	
mORF_-_830059	830059	830064	-	5	6	GTG	TAG	0	0	
mORF_-_830116	830116	830598	-	5	483	GTG	TAA	0	0	
mORF_-_830154	830154	830168	-	4	15	GTG	TAA	0	0	
mORF_-_830175	830175	830333	-	4	159	ATG	TGA	0	0	
mORF_-_830385	830385	830405	-	4	21	ATG	TAA	0	0	
mORF_-_830438	830438	830488	-	6	51	TTG	TAA	0	0	
mORF_-_830538	830538	830735	-	4	198	TTG	TGA	0	0	
mORF_-_830591	830591	830620	-	6	30	TTG	TAA	0	0	
mORF_-_830647	830647	831156	-	5	510	GTG	TAA	0	0	
mORF_-_830675	830675	830728	-	6	54	GTG	TAA	0	0	
mORF_-_830766	830766	831050	-	4	285	TTG	TGA	0	0	
mORF_-_830966	830966	830998	-	6	33	TTG	TAA	0	0	
mORF_-_831047	831047	831064	-	6	18	TTG	TGA	0	0	
mORF_-_831078	831078	831206	-	4	129	ATG	TAA	0	0	
mORF_-_831116	831116	831238	-	6	123	TTG	TAG	0	0	
mORF_-_831219	831219	831242	-	4	24	TTG	TAG	0	0	
mORF_-_831235	831235	831507	-	5	273	TTG	TGA	0	0	
mORF_-_831239	831239	831355	-	6	117	TTG	TGA	0	0	
mORF_-_831312	831312	831401	-	4	90	TTG	TGA	0	0	
mORF_-_831464	831464	831625	-	6	162	GTG	TAA	0	0	
mORF_-_831537	831537	831569	-	4	33	ATG	TAG	0	0	
mORF_-_831594	831594	831635	-	4	42	TTG	TAA	0	0	
mORF_-_831613	831613	831621	-	5	9	TTG	TGA	0	0	
mORF_-_831629	831629	831676	-	6	48	ATG	TGA	0	0	
mORF_-_831666	831666	831683	-	4	18	GTG	TAA	0	0	
mORF_-_831691	831691	832173	-	5	483	ATG	TAA	0	0	
mORF_-_831726	831726	831851	-	4	126	ATG	TAA	0	0	
mORF_-_831885	831885	832103	-	4	219	ATG	TGA	0	0	
mORF_-_832100	832100	832294	-	6	195	ATG	TGA	0	0	
mORF_-_832195	832195	832230	-	5	36	ATG	TAA	0	0	
mORF_-_832230	832230	832256	-	4	27	GTG	TAA	0	0	
mORF_-_832291	832291	832299	-	5	9	ATG	TGA	0	0	
mORF_-_832299	832299	832520	-	4	222	TTG	TAA	0	0	
mORF_-_832346	832346	832459	-	6	114	GTG	TGA	0	0	
mORF_-_832366	832366	832554	-	5	189	ATG	TAA	0	0	
mORF_-_832481	832481	832546	-	6	66	TTG	TAA	0	0	
mORF_-_832568	832568	832621	-	6	54	GTG	TAA	0	0	
mORF_-_832581	832581	832814	-	4	234	ATG	TAA	0	0	
mORF_-_832643	832643	832738	-	6	96	TTG	TAG	0	0	
mORF_-_832811	832811	832885	-	6	75	TTG	TGA	0	0	
mORF_-_832851	832851	832964	-	4	114	ATG	TAA	0	0	
mORF_-_832876	832876	832959	-	5	84	TTG	TGA	0	0	
mORF_-_833019	833019	833048	-	4	30	GTG	TAA	0	0	
mORF_-_833045	833045	833260	-	6	216	TTG	TGA	0	0	
mORF_-_833112	833112	833213	-	4	102	ATG	TAG	0	0	
mORF_-_833143	833143	833181	-	5	39	GTG	TAG	0	0	

mORF_-_833244	833244	833294	-	4	51	GTG	TAA	0	0	
mORF_-_833257	833257	833352	-	5	96	TTG	TGA	0	0	
mORF_-_833264	833264	833545	-	6	282	TTG	TAG	0	0	
mORF_-_833392	833392	833535	-	5	144	GTG	TAA	0	0	
mORF_-_833400	833400	833522	-	4	123	TTG	TAA	0	0	
mORF_-_833577	833577	833894	-	4	318	ATG	TAG	0	0	
mORF_-_833618	833618	833887	-	6	270	TTG	TGA	0	0	
mORF_-_833662	833662	833673	-	5	12	TTG	TGA	0	0	
mORF_-_833794	833794	834072	-	5	279	ATG	TAA	0	0	
mORF_-_833999	833999	834193	-	6	195	TTG	TAA	0	0	
mORF_-_834006	834006	834020	-	4	15	GTG	TAA	0	0	
mORF_-_834069	834069	834275	-	4	207	GTG	TGA	0	0	
mORF_-_834295	834295	834351	-	5	57	ATG	TAA	0	0	
mORF_-_834299	834299	834322	-	6	24	TTG	TAG	0	0	
mORF_-_834326	834326	834334	-	6	9	TTG	TAA	0	0	
mORF_-_834351	834351	834374	-	4	24	TTG	TAA	0	0	
mORF_-_834397	834397	834426	-	5	30	GTG	TAA	0	0	
mORF_-_834453	834453	834518	-	4	66	GTG	TGA	0	0	
mORF_-_834476	834476	834490	-	6	15	ATG	TAG	0	0	
mORF_-_834528	834528	835082	-	4	555	ATG	TAA	0	0	
mORF_-_834560	834560	834625	-	6	66	TTG	TGA	0	0	
mORF_-_834656	834656	834667	-	6	12	ATG	TAA	0	0	
mORF_-_834674	834674	834724	-	6	51	ATG	TGA	0	0	
mORF_-_834731	834731	834790	-	6	60	TTG	TAA	0	0	
mORF_-_834812	834812	834856	-	6	45	ATG	TGA	0	0	
mORF_-_834820	834820	834834	-	5	15	TTG	TAA	0	0	
mORF_-_834874	834874	834882	-	5	9	TTG	TAA	0	0	
mORF_-_834923	834923	835291	-	6	369	GTG	TGA	0	0	
mORF_-_834934	834934	835041	-	5	108	ATG	TAA	0	0	
mORF_-_835140	835140	835148	-	4	9	ATG	TAG	0	0	
mORF_-_835201	835201	835275	-	5	75	TTG	TGA	0	0	
mORF_-_835260	835260	835484	-	4	225	TTG	TAA	0	0	
mORF_-_835375	835375	835392	-	5	18	TTG	TAG	0	0	
mORF_-_835417	835417	835458	-	5	42	ATG	TAA	0	0	
mORF_-_835460	835460	835558	-	6	99	ATG	TGA	0	0	
mORF_-_835471	835471	835575	-	5	105	ATG	TAA	0	0	
mORF_-_835503	835503	835553	-	4	51	ATG	TAA	0	0	
mORF_-_835568	835568	835657	-	6	90	TTG	TAA	0	0	
mORF_-_835617	835617	835736	-	4	120	TTG	TAA	0	0	
mORF_-_835667	835667	835681	-	6	15	ATG	TAA	0	0	
mORF_-_835678	835678	835728	-	5	51	ATG	TGA	0	0	
mORF_-_835682	835682	835708	-	6	27	ATG	TAA	0	0	
mORF_-_835712	835712	835897	-	6	186	GTG	TGA	0	0	
mORF_-_835780	835780	835818	-	5	39	GTG	TGA	0	0	
mORF_-_835815	835815	835856	-	4	42	GTG	TGA	0	0	
mORF_-_835916	835916	836344	-	6	429	ATG	TAG	0	0	
mORF_-_835948	835948	836061	-	5	114	TTG	TAA	0	0	
mORF_-_835998	835998	836135	-	4	138	ATG	TAA	0	0	
mORF_-_836113	836113	836220	-	5	108	TTG	TAA	0	0	
mORF_-_836344	836344	836586	-	5	243	ATG	TGA	0	0	
mORF_-_836354	836354	836482	-	6	129	ATG	TAA	0	0	
mORF_-_836403	836403	836741	-	4	339	TTG	TGA	0	0	
mORF_-_836648	836648	836710	-	6	63	TTG	TAA	0	0	
mORF_-_836707	836707	836838	-	5	132	ATG	TGA	0	0	
mORF_-_836717	836717	836845	-	6	129	ATG	TAA	0	0	
mORF_-_836888	836888	837148	-	6	261	ATG	TAA	7	23	pORF_-_836888
mORF_-_836914	836914	837021	-	5	108	ATG	TAA	0	0	
mORF_-_837042	837042	837212	-	4	171	GTG	TAA	0	0	
mORF_-_837070	837070	837129	-	5	60	TTG	TAA	0	0	
mORF_-_837219	837219	837260	-	4	42	TTG	TAA	0	0	
mORF_-_837282	837282	837296	-	4	15	ATG	TAG	0	0	
mORF_-_837310	837310	837369	-	5	60	GTG	TAA	0	0	
mORF_-_837339	837339	837398	-	4	60	ATG	TGA	0	0	

mORF_-_837350	837350	837373	-	6	24	TTG	TAA	0	0	
mORF_-_837391	837391	837768	-	5	378	ATG	TAG	0	0	
mORF_-_837413	837413	837679	-	6	267	ATG	TAA	0	0	
mORF_-_837447	837447	837557	-	4	111	GTG	TAA	0	0	
mORF_-_837561	837561	837566	-	4	6	ATG	TGA	0	0	
mORF_-_837660	837660	837698	-	4	39	TTG	TAA	0	0	
mORF_-_837720	837720	837749	-	4	30	TTG	TAG	0	0	
mORF_-_837746	837746	837817	-	6	72	GTG	TGA	0	0	
mORF_-_837753	837753	838466	-	4	714	ATG	TGA	7	85	pORF_-_837753
mORF_-_837836	837836	837889	-	6	54	ATG	TGA	0	0	
mORF_-_837886	837886	837957	-	5	72	TTG	TGA	0	0	
mORF_-_838004	838004	838030	-	6	27	ATG	TAA	0	0	
mORF_-_838070	838070	838231	-	6	162	ATG	TAA	0	0	
mORF_-_838247	838247	838348	-	6	102	ATG	TGA	0	0	
mORF_-_838309	838309	838569	-	5	261	TTG	TAA	0	0	
mORF_-_838472	838472	840754	-	6	2283	ATG	TGA	48	795	pORF_-_838472
mORF_-_838585	838585	838863	-	5	279	TTG	TAA	0	0	
mORF_-_838689	838689	838874	-	4	186	GTG	TAA	0	0	
mORF_-_838864	838864	839172	-	5	309	ATG	TGA	0	0	
mORF_-_839016	839016	839033	-	4	18	ATG	TAA	0	0	
mORF_-_839218	839218	839331	-	5	114	ATG	TGA	0	0	
mORF_-_839368	839368	839436	-	5	69	ATG	TGA	0	0	
mORF_-_839515	839515	839580	-	5	66	ATG	TGA	0	0	
mORF_-_839644	839644	839649	-	5	6	ATG	TGA	0	0	
mORF_-_839682	839682	839768	-	4	87	TTG	TAG	0	0	
mORF_-_839686	839686	839691	-	5	6	ATG	TGA	0	0	
mORF_-_839755	839755	839886	-	5	132	TTG	TAA	0	0	
mORF_-_839902	839902	840090	-	5	189	ATG	TGA	0	0	
mORF_-_840109	840109	840114	-	5	6	ATG	TAA	0	0	
mORF_-_840115	840115	840219	-	5	105	ATG	TGA	0	0	
mORF_-_840298	840298	840450	-	5	153	GTG	TGA	0	0	
mORF_-_840550	840550	840909	-	5	360	ATG	TAG	0	0	
mORF_-_840639	840639	840692	-	4	54	TTG	TAA	0	0	
mORF_-_840882	840882	840929	-	4	48	ATG	TGA	0	0	
mORF_-_840934	840934	841080	-	5	147	ATG	TAA	0	0	
mORF_-_840965	840965	840988	-	6	24	ATG	TAA	0	0	
mORF_-_841019	841019	841423	-	6	405	ATG	TAA	0	0	
mORF_-_841197	841197	841271	-	4	75	GTG	TAA	0	0	
mORF_-_841201	841201	841218	-	5	18	ATG	TGA	0	0	
mORF_-_841240	841240	841254	-	5	15	TTG	TGA	0	0	
mORF_-_841276	841276	841293	-	5	18	ATG	TGA	0	0	
mORF_-_841290	841290	841301	-	4	12	TTG	TGA	0	0	
mORF_-_841393	841393	841419	-	5	27	ATG	TAA	0	0	
mORF_-_841410	841410	841451	-	4	42	ATG	TGA	0	0	
mORF_-_841435	841435	841464	-	5	30	ATG	TAA	0	0	
mORF_-_841515	841515	841589	-	4	75	TTG	TAA	0	0	
mORF_-_841540	841540	841821	-	5	282	GTG	TAA	0	0	
mORF_-_841605	841605	841619	-	4	15	GTG	TAG	0	0	
mORF_-_841626	841626	841721	-	4	96	TTG	TGA	0	0	
mORF_-_841661	841661	841666	-	6	6	GTG	TAA	0	0	
mORF_-_841718	841718	841855	-	6	138	TTG	TGA	0	0	
mORF_-_841818	841818	841874	-	4	57	ATG	TGA	0	0	
mORF_-_841831	841831	841926	-	5	96	ATG	TAA	0	0	
mORF_-_841905	841905	842468	-	4	564	TTG	TAA	0	0	
mORF_-_841972	841972	842214	-	5	243	TTG	TAA	0	0	
mORF_-_842069	842069	842194	-	6	126	GTG	TGA	0	0	
mORF_-_842303	842303	842311	-	6	9	GTG	TAA	0	0	
mORF_-_842332	842332	842406	-	5	75	TTG	TAA	0	0	
mORF_-_842478	842478	844838	-	4	2361	TTG	TAA	1	0	pORF_-_842478
mORF_-_842509	842509	842625	-	5	117	GTG	TGA	0	0	
mORF_-_842591	842591	842656	-	6	66	GTG	TGA	0	0	
mORF_-_842678	842678	842713	-	6	36	TTG	TAA	0	0	
mORF_-_842753	842753	842761	-	6	9	ATG	TAG	0	0	

mORF_-_842765	842765	842854	-	6	90	TTG	TGA	0	0	
mORF_-_842848	842848	842874	-	5	27	GTG	TAA	0	0	
mORF_-_842981	842981	842995	-	6	15	TTG	TGA	0	0	
mORF_-_843026	843026	843046	-	6	21	TTG	TGA	0	0	
mORF_-_843062	843062	843121	-	6	60	TTG	TAG	0	0	
mORF_-_843146	843146	843214	-	6	69	ATG	TGA	0	0	
mORF_-_843160	843160	843369	-	5	210	ATG	TAA	0	0	
mORF_-_843242	843242	843268	-	6	27	TTG	TGA	0	0	
mORF_-_843422	843422	843445	-	6	24	ATG	TGA	0	0	
mORF_-_843446	843446	843580	-	6	135	GTG	TGA	0	0	
mORF_-_843472	843472	843666	-	5	195	GTG	TAA	0	0	
mORF_-_843593	843593	843676	-	6	84	TTG	TGA	0	0	
mORF_-_843754	843754	843792	-	5	39	GTG	TAA	0	0	
mORF_-_843785	843785	843820	-	6	36	GTG	TGA	0	0	
mORF_-_843821	843821	843832	-	6	12	ATG	TAG	0	0	
mORF_-_843833	843833	843865	-	6	33	TTG	TGA	0	0	
mORF_-_843841	843841	843972	-	5	132	TTG	TAA	0	0	
mORF_-_843866	843866	843874	-	6	9	ATG	TGA	0	0	
mORF_-_843977	843977	844066	-	6	90	ATG	TGA	0	0	
mORF_-_844079	844079	844096	-	6	18	TTG	TAA	0	0	
mORF_-_844145	844145	844180	-	6	36	GTG	TGA	0	0	
mORF_-_844177	844177	844233	-	5	57	GTG	TGA	0	0	
mORF_-_844241	844241	844258	-	6	18	TTG	TGA	0	0	
mORF_-_844289	844289	844387	-	6	99	ATG	TGA	0	0	
mORF_-_844451	844451	844489	-	6	39	TTG	TAG	0	0	
mORF_-_844508	844508	844558	-	6	51	ATG	TGA	0	0	
mORF_-_844600	844600	844698	-	5	99	GTG	TGA	0	0	
mORF_-_844765	844765	844947	-	5	183	ATG	TAA	0	0	
mORF_-_844884	844884	844895	-	4	12	ATG	TAG	0	0	
mORF_-_844892	844892	844954	-	6	63	TTG	TGA	0	0	
mORF_-_844964	844964	845686	-	6	723	GTG	TAA	31	191	pORF_-_844964
mORF_-_845017	845017	845046	-	5	30	TTG	TGA	0	0	
mORF_-_845080	845080	845094	-	5	15	TTG	TAG	0	0	
mORF_-_845158	845158	845208	-	5	51	TTG	TGA	0	0	
mORF_-_845227	845227	845388	-	5	162	TTG	TGA	0	0	
mORF_-_845464	845464	845478	-	5	15	TTG	TGA	0	0	
mORF_-_845497	845497	845511	-	5	15	TTG	TGA	0	0	
mORF_-_845593	845593	845616	-	5	24	TTG	TGA	0	0	
mORF_-_845620	845620	845682	-	5	63	TTG	TGA	0	0	
mORF_-_845683	845683	846342	-	5	660	ATG	TGA	0	0	
mORF_-_845745	845745	845801	-	4	57	TTG	TGA	0	0	
mORF_-_845841	845841	846029	-	4	189	TTG	TGA	0	0	
mORF_-_845864	845864	845881	-	6	18	GTG	TAA	0	0	
mORF_-_845885	845885	845950	-	6	66	TTG	TAA	0	0	
mORF_-_846159	846159	846167	-	4	9	TTG	TGA	0	0	
mORF_-_846164	846164	846274	-	6	111	GTG	TGA	0	0	
mORF_-_846192	846192	846218	-	4	27	TTG	TAG	0	0	
mORF_-_846279	846279	846296	-	4	18	TTG	TGA	0	0	
mORF_-_846297	846297	846335	-	4	39	TTG	TGA	0	0	
mORF_-_846332	846332	846376	-	6	45	TTG	TGA	0	0	
mORF_-_846388	846388	846420	-	5	33	GTG	TAA	0	0	
mORF_-_846417	846417	846437	-	4	21	ATG	TGA	0	0	
mORF_-_846481	846481	847227	-	5	747	ATG	TAA	67	988	pORF_-_846481
mORF_-_846491	846491	846505	-	6	15	ATG	TGA	0	0	
mORF_-_846549	846549	846632	-	4	84	GTG	TGA	0	0	
mORF_-_846633	846633	846800	-	4	168	TTG	TAG	0	0	
mORF_-_846819	846819	846827	-	4	9	TTG	TGA	0	0	
mORF_-_846858	846858	846863	-	4	6	ATG	TGA	0	0	
mORF_-_846888	846888	847010	-	4	123	GTG	TAG	0	0	
mORF_-_847044	847044	847145	-	4	102	TTG	TGA	0	0	
mORF_-_847052	847052	847069	-	6	18	GTG	TAA	0	0	
mORF_-_847146	847146	847181	-	4	36	TTG	TAG	0	0	
mORF_-_847154	847154	847345	-	6	192	GTG	TAA	0	0	

mORF_-_847224	847224	847391	-	4	168	TTG	TGA	0	0	
mORF_-_847243	847243	847272	-	5	30	ATG	TAG	0	0	
mORF_-_847273	847273	847359	-	5	87	TTG	TGA	0	0	
mORF_-_847349	847349	847414	-	6	66	GTG	TAA	0	0	
mORF_-_847401	847401	847421	-	4	21	GTG	TAG	0	0	
mORF_-_847431	847431	847457	-	4	27	TTG	TAA	0	0	
mORF_-_847461	847461	847493	-	4	33	TTG	TAA	0	0	
mORF_-_847499	847499	847561	-	6	63	TTG	TAA	0	0	
mORF_-_847507	847507	847566	-	5	60	TTG	TGA	0	0	
mORF_-_847593	847593	847619	-	4	27	ATG	TAA	0	0	
mORF_-_847631	847631	848257	-	6	627	TTG	TAA	94	1857	pORF_-_847631
mORF_-_847641	847641	847658	-	4	18	GTG	TAA	0	0	
mORF_-_847690	847690	847746	-	5	57	ATG	TGA	0	0	
mORF_-_847864	847864	847887	-	5	24	GTG	TAG	0	0	
mORF_-_847915	847915	847956	-	5	42	TTG	TGA	0	0	
mORF_-_847999	847999	848013	-	5	15	TTG	TGA	0	0	
mORF_-_848044	848044	848076	-	5	33	ATG	TAG	0	0	
mORF_-_848131	848131	848142	-	5	12	ATG	TGA	0	0	
mORF_-_848155	848155	848190	-	5	36	GTG	TAA	0	0	
mORF_-_848224	848224	848244	-	5	21	TTG	TGA	0	0	
mORF_-_848260	848260	848274	-	5	15	TTG	TAG	0	0	
mORF_-_848271	848271	848300	-	4	30	TTG	TGA	0	0	
mORF_-_848304	848304	848402	-	4	99	ATG	TAA	0	0	
mORF_-_848308	848308	848418	-	5	111	ATG	TAA	0	0	
mORF_-_848433	848433	849332	-	4	900	GTG	TAA	0	0	
mORF_-_848597	848597	848638	-	6	42	TTG	TGA	0	0	
mORF_-_848639	848639	848743	-	6	105	TTG	TGA	0	0	
mORF_-_848722	848722	849138	-	5	417	ATG	TGA	0	0	
mORF_-_848756	848756	848767	-	6	12	TTG	TAA	0	0	
mORF_-_848768	848768	848824	-	6	57	GTG	TGA	0	0	
mORF_-_848825	848825	848872	-	6	48	GTG	TAA	0	0	
mORF_-_848879	848879	848947	-	6	69	TTG	TAA	0	0	
mORF_-_848960	848960	849025	-	6	66	TTG	TAG	0	0	
mORF_-_849068	849068	849124	-	6	57	TTG	TGA	0	0	
mORF_-_849170	849170	849196	-	6	27	GTG	TAG	0	0	
mORF_-_849230	849230	849265	-	6	36	TTG	TAG	0	0	
mORF_-_849278	849278	849379	-	6	102	TTG	TAG	0	0	
mORF_-_849301	849301	849450	-	5	150	ATG	TAA	0	0	
mORF_-_849422	849422	849496	-	6	75	ATG	TAG	0	0	
mORF_-_849537	849537	849617	-	4	81	ATG	TAA	0	0	
mORF_-_849569	849569	849574	-	6	6	ATG	TAA	0	0	
mORF_-_849593	849593	849598	-	6	6	TTG	TGA	0	0	
mORF_-_849633	849633	849722	-	4	90	GTG	TAA	0	0	
mORF_-_849656	849656	849661	-	6	6	ATG	TGA	0	0	
mORF_-_849671	849671	849700	-	6	30	GTG	TAA	0	0	
mORF_-_849694	849694	850041	-	5	348	GTG	TGA	0	0	
mORF_-_849749	849749	849772	-	6	24	GTG	TAG	0	0	
mORF_-_849783	849783	849815	-	4	33	TTG	TGA	0	0	
mORF_-_849828	849828	849872	-	4	45	GTG	TAG	0	0	
mORF_-_849869	849869	849898	-	6	30	TTG	TGA	0	0	
mORF_-_849873	849873	849878	-	4	6	GTG	TAA	0	0	
mORF_-_849909	849909	849917	-	4	9	TTG	TAG	0	0	
mORF_-_849927	849927	849938	-	4	12	GTG	TAG	0	0	
mORF_-_849951	849951	849977	-	4	27	ATG	TAA	0	0	
mORF_-_849959	849959	849973	-	6	15	TTG	TAA	0	0	
mORF_-_849999	849999	850019	-	4	21	GTG	TAA	0	0	
mORF_-_850032	850032	850046	-	4	15	GTG	TAG	0	0	
mORF_-_850065	850065	850088	-	4	24	TTG	TAG	0	0	
mORF_-_850085	850085	850192	-	6	108	GTG	TGA	0	0	
mORF_-_850119	850119	850157	-	4	39	GTG	TAA	0	0	
mORF_-_850237	850237	851820	-	5	1584	ATG	TAA	0	0	
mORF_-_850370	850370	850384	-	6	15	GTG	TAA	0	0	
mORF_-_850398	850398	850409	-	4	12	ATG	TAG	0	0	

mORF_-_850431	850431	850511	-	4	81	TTG	TGA	0	0	
mORF_-_850556	850556	850657	-	6	102	GTG	TGA	0	0	
mORF_-_850638	850638	850679	-	4	42	TTG	TGA	0	0	
mORF_-_850731	850731	850745	-	4	15	TTG	TGA	0	0	
mORF_-_850788	850788	850832	-	4	45	TTG	TGA	0	0	
mORF_-_850845	850845	851000	-	4	156	TTG	TGA	0	0	
mORF_-_850859	850859	850930	-	6	72	GTG	TGA	0	0	
mORF_-_851013	851013	851063	-	4	51	TTG	TAA	0	0	
mORF_-_851067	851067	851150	-	4	84	GTG	TGA	0	0	
mORF_-_851154	851154	851165	-	4	12	ATG	TGA	0	0	
mORF_-_851211	851211	851249	-	4	39	TTG	TGA	0	0	
mORF_-_851250	851250	851285	-	4	36	TTG	TGA	0	0	
mORF_-_851313	851313	851423	-	4	111	ATG	TGA	0	0	
mORF_-_851318	851318	851389	-	6	72	GTG	TAA	0	0	
mORF_-_851420	851420	851494	-	6	75	GTG	TGA	0	0	
mORF_-_851448	851448	851462	-	4	15	TTG	TAA	0	0	
mORF_-_851505	851505	851624	-	4	120	GTG	TGA	0	0	
mORF_-_851564	851564	851662	-	6	99	ATG	TAA	0	0	
mORF_-_851729	851729	851767	-	6	39	GTG	TAA	0	0	
mORF_-_851733	851733	851795	-	4	63	TTG	TAA	0	0	
mORF_-_851783	851783	851845	-	6	63	ATG	TAG	0	0	
mORF_-_851827	851827	851880	-	5	54	TTG	TAG	0	0	
mORF_-_851850	851850	851864	-	4	15	TTG	TAA	0	0	
mORF_-_851861	851861	851941	-	6	81	TTG	TGA	0	0	
mORF_-_851868	851868	852017	-	4	150	TTG	TGA	0	0	
mORF_-_851963	851963	851971	-	6	9	TTG	TGA	0	0	
mORF_-_851968	851968	851985	-	5	18	TTG	TGA	0	0	
mORF_-_852031	852031	852039	-	5	9	TTG	TGA	0	0	
mORF_-_852046	852046	852057	-	5	12	ATG	TAA	0	0	
mORF_-_852092	852092	852220	-	6	129	ATG	TAG	1	8	pORF_-_852092
mORF_-_852108	852108	852143	-	4	36	GTG	TAA	0	0	
mORF_-_852160	852160	852216	-	5	57	ATG	TAA	0	0	
mORF_-_852186	852186	852203	-	4	18	GTG	TAG	0	0	
mORF_-_852237	852237	852287	-	4	51	GTG	TAG	0	0	
mORF_-_852269	852269	852274	-	6	6	ATG	TAA	0	0	
mORF_-_852310	852310	852339	-	5	30	TTG	TAG	0	0	
mORF_-_852318	852318	852404	-	4	87	GTG	TAA	0	0	
mORF_-_852347	852347	852361	-	6	15	GTG	TAA	0	0	
mORF_-_852374	852374	852436	-	6	63	TTG	TAG	0	0	
mORF_-_852451	852451	852609	-	5	159	TTG	TAA	0	0	
mORF_-_852573	852573	852647	-	4	75	ATG	TGA	0	0	
mORF_-_852629	852629	852643	-	6	15	TTG	TAA	0	0	
mORF_-_852685	852685	852966	-	5	282	GTG	TAA	0	0	
mORF_-_852732	852732	852869	-	4	138	TTG	TGA	0	0	
mORF_-_852848	852848	852892	-	6	45	GTG	TAA	0	0	
mORF_-_852885	852885	852899	-	4	15	TTG	TAA	0	0	
mORF_-_852914	852914	853036	-	6	123	TTG	TGA	0	0	
mORF_-_852942	852942	852998	-	4	57	GTG	TAA	0	0	
mORF_-_853055	853055	853528	-	6	474	TTG	TAA	0	0	
mORF_-_853261	853261	853287	-	5	27	TTG	TGA	0	0	
mORF_-_853275	853275	853649	-	4	375	ATG	TAG	0	0	
mORF_-_853345	853345	853455	-	5	111	GTG	TAA	0	0	
mORF_-_853525	853525	853581	-	5	57	GTG	TGA	0	0	
mORF_-_853636	853636	853731	-	5	96	TTG	TAA	0	0	
mORF_-_853650	853650	853700	-	4	51	ATG	TAA	0	0	
mORF_-_853697	853697	853771	-	6	75	ATG	TGA	0	0	
mORF_-_853750	853750	853923	-	5	174	TTG	TGA	0	0	
mORF_-_853784	853784	853897	-	6	114	ATG	TAG	0	0	
mORF_-_853872	853872	853913	-	4	42	ATG	TAG	0	0	
mORF_-_853916	853916	853984	-	6	69	TTG	TAG	0	0	
mORF_-_853969	853969	853998	-	5	30	TTG	TAA	0	0	
mORF_-_854047	854047	854967	-	5	921	ATG	TAA	49	1170	pORF_-_854047
mORF_-_854052	854052	854114	-	4	63	ATG	TGA	0	0	

mORF_-_854148	854148	854219	-	4	72	TTG	TGA	0	0	
mORF_-_854253	854253	854345	-	4	93	ATG	TAA	0	0	
mORF_-_854324	854324	854341	-	6	18	TTG	TAA	0	0	
mORF_-_854349	854349	854543	-	4	195	TTG	TAA	0	0	
mORF_-_854577	854577	854675	-	4	99	ATG	TAG	0	0	
mORF_-_854712	854712	854750	-	4	39	GTG	TGA	0	0	
mORF_-_854766	854766	854801	-	4	36	TTG	TGA	0	0	
mORF_-_854828	854828	854914	-	6	87	TTG	TGA	0	0	
mORF_-_854841	854841	854858	-	4	18	TTG	TGA	0	0	
mORF_-_854892	854892	854924	-	4	33	TTG	TAA	0	0	
mORF_-_854969	854969	855079	-	6	111	GTG	TAA	0	0	
mORF_-_855031	855031	855042	-	5	12	ATG	TAA	0	0	
mORF_-_855060	855060	855164	-	4	105	ATG	TGA	0	0	
mORF_-_855076	855076	855081	-	5	6	ATG	TGA	0	0	
mORF_-_855139	855139	855147	-	5	9	ATG	TAA	0	0	
mORF_-_855173	855173	855268	-	6	96	TTG	TGA	0	0	
mORF_-_855189	855189	855983	-	4	795	TTG	TAA	0	0	
mORF_-_855272	855272	855382	-	6	111	ATG	TAA	0	0	
mORF_-_855401	855401	855490	-	6	90	ATG	TGA	0	0	
mORF_-_855632	855632	855808	-	6	177	ATG	TAG	0	0	
mORF_-_855821	855821	855850	-	6	30	ATG	TGA	0	0	
mORF_-_855893	855893	856063	-	6	171	TTG	TAG	0	0	
mORF_-_856000	856000	856032	-	5	33	TTG	TAA	0	0	
mORF_-_856091	856091	856336	-	6	246	ATG	TGA	0	0	
mORF_-_856198	856198	856263	-	5	66	TTG	TGA	0	0	
mORF_-_856260	856260	856358	-	4	99	GTG	TGA	0	0	
mORF_-_856349	856349	856621	-	6	273	ATG	TGA	0	0	
mORF_-_856539	856539	856589	-	4	51	GTG	TAA	0	0	
mORF_-_856567	856567	856662	-	5	96	GTG	TGA	0	0	
mORF_-_856637	856637	856711	-	6	75	GTG	TGA	0	0	
mORF_-_856659	856659	856880	-	4	222	TTG	TGA	0	0	
mORF_-_856790	856790	856834	-	6	45	TTG	TGA	0	0	
mORF_-_856864	856864	856944	-	5	81	TTG	TAG	0	0	
mORF_-_856920	856920	856931	-	4	12	ATG	TAA	0	0	
mORF_-_856931	856931	856951	-	6	21	ATG	TGA	0	0	
mORF_-_856938	856938	856961	-	4	24	TTG	TAA	0	0	
mORF_-_856955	856955	856996	-	6	42	GTG	TGA	0	0	
mORF_-_856987	856987	857022	-	5	36	TTG	TAA	0	0	
mORF_-_856998	856998	857012	-	4	15	ATG	TGA	0	0	
mORF_-_857012	857012	857098	-	6	87	ATG	TAA	0	0	
mORF_-_857019	857019	858290	-	4	1272	GTG	TGA	3	15	pORF_-_857019
mORF_-_857095	857095	857220	-	5	126	TTG	TGA	0	0	
mORF_-_857150	857150	857170	-	6	21	TTG	TGA	0	0	
mORF_-_857207	857207	857245	-	6	39	TTG	TGA	0	0	
mORF_-_857233	857233	857271	-	5	39	GTG	TGA	0	0	
mORF_-_857309	857309	857320	-	6	12	TTG	TAA	0	0	
mORF_-_857317	857317	857379	-	5	63	GTG	TGA	0	0	
mORF_-_857369	857369	857686	-	6	318	TTG	TAG	0	0	
mORF_-_857482	857482	857526	-	5	45	ATG	TGA	0	0	
mORF_-_857744	857744	857941	-	6	198	TTG	TGA	0	0	
mORF_-_857755	857755	857763	-	5	9	ATG	TAA	0	0	
mORF_-_857779	857779	857790	-	5	12	GTG	TGA	0	0	
mORF_-_857938	857938	858027	-	5	90	TTG	TGA	0	0	
mORF_-_858017	858017	858163	-	6	147	ATG	TGA	0	0	
mORF_-_858167	858167	858199	-	6	33	TTG	TAA	0	0	
mORF_-_858175	858175	858297	-	5	123	ATG	TAA	0	0	
mORF_-_858221	858221	858307	-	6	87	ATG	TGA	0	0	
mORF_-_858297	858297	858329	-	4	33	ATG	TAA	0	0	
mORF_-_858304	858304	858336	-	5	33	TTG	TGA	0	0	
mORF_-_858354	858354	858419	-	4	66	GTG	TAA	0	0	
mORF_-_858436	858436	859251	-	5	816	ATG	TGA	10	46	pORF_-_858436
mORF_-_858477	858477	858482	-	4	6	ATG	TGA	0	0	
mORF_-_858483	858483	858563	-	4	81	TTG	TGA	0	0	

mORF_-_858582	858582	858614	-	4	33	TTG	TGA	0	0	
mORF_-_858618	858618	858626	-	4	9	ATG	TAG	0	0	
mORF_-_858696	858696	858719	-	4	24	GTG	TGA	0	0	
mORF_-_858732	858732	858743	-	4	12	ATG	TGA	0	0	
mORF_-_858771	858771	858827	-	4	57	TTG	TAG	0	0	
mORF_-_858876	858876	858941	-	4	66	TTG	TGA	0	0	
mORF_-_858960	858960	858992	-	4	33	ATG	TAA	0	0	
mORF_-_858999	858999	859073	-	4	75	ATG	TGA	0	0	
mORF_-_859077	859077	859130	-	4	54	TTG	TAA	0	0	
mORF_-_859205	859205	859315	-	6	111	TTG	TAA	0	0	
mORF_-_859248	859248	859313	-	4	66	GTG	TGA	0	0	
mORF_-_859363	859363	859482	-	5	120	GTG	TAA	0	0	
mORF_-_859397	859397	861829	-	6	2433	ATG	TAA	2	0	pORF_-_859397
mORF_-_859486	859486	859584	-	5	99	TTG	TAG	0	0	
mORF_-_859648	859648	859881	-	5	234	GTG	TGA	0	0	
mORF_-_859909	859909	859989	-	5	81	GTG	TGA	0	0	
mORF_-_860023	860023	860088	-	5	66	TTG	TGA	0	0	
mORF_-_860101	860101	860271	-	5	171	ATG	TGA	0	0	
mORF_-_860208	860208	860321	-	4	114	GTG	TGA	0	0	
mORF_-_860329	860329	860409	-	5	81	ATG	TGA	0	0	
mORF_-_860406	860406	860510	-	4	105	TTG	TGA	0	0	
mORF_-_860458	860458	860490	-	5	33	GTG	TGA	0	0	
mORF_-_860503	860503	860547	-	5	45	TTG	TAG	0	0	
mORF_-_860556	860556	860615	-	4	60	TTG	TAA	0	0	
mORF_-_860653	860653	860664	-	5	12	ATG	TGA	0	0	
mORF_-_860740	860740	860784	-	5	45	TTG	TGA	0	0	
mORF_-_860866	860866	860973	-	5	108	TTG	TGA	0	0	
mORF_-_860991	860991	861029	-	4	39	GTG	TAA	0	0	
mORF_-_861010	861010	861204	-	5	195	TTG	TGA	0	0	
mORF_-_861211	861211	861225	-	5	15	GTG	TGA	0	0	
mORF_-_861274	861274	861297	-	5	24	TTG	TAG	0	0	
mORF_-_861325	861325	861342	-	5	18	ATG	TGA	0	0	
mORF_-_861352	861352	861468	-	5	117	ATG	TGA	0	0	
mORF_-_861402	861402	861461	-	4	60	GTG	TGA	0	0	
mORF_-_861493	861493	861609	-	5	117	TTG	TGA	0	0	
mORF_-_861531	861531	861551	-	4	21	GTG	TGA	0	0	
mORF_-_861613	861613	861621	-	5	9	ATG	TGA	0	0	
mORF_-_861757	861757	861777	-	5	21	ATG	TGA	0	0	
mORF_-_861835	861835	862761	-	5	927	ATG	TAA	0	0	
mORF_-_861855	861855	862022	-	4	168	TTG	TAA	0	0	
mORF_-_862038	862038	862058	-	4	21	ATG	TAA	0	0	
mORF_-_862119	862119	862181	-	4	63	TTG	TGA	0	0	
mORF_-_862145	862145	862159	-	6	15	GTG	TAA	0	0	
mORF_-_862163	862163	862243	-	6	81	GTG	TAA	0	0	
mORF_-_862188	862188	862250	-	4	63	ATG	TAA	0	0	
mORF_-_862263	862263	862343	-	4	81	GTG	TAG	0	0	
mORF_-_862404	862404	862418	-	4	15	TTG	TGA	0	0	
mORF_-_862425	862425	862436	-	4	12	GTG	TGA	0	0	
mORF_-_862430	862430	862438	-	6	9	GTG	TGA	0	0	
mORF_-_862494	862494	862523	-	4	30	ATG	TAA	0	0	
mORF_-_862524	862524	862538	-	4	15	TTG	TGA	0	0	
mORF_-_862539	862539	862703	-	4	165	ATG	TGA	0	0	
mORF_-_862556	862556	862585	-	6	30	GTG	TAA	0	0	
mORF_-_862595	862595	862642	-	6	48	GTG	TGA	0	0	
mORF_-_862731	862731	862757	-	4	27	TTG	TGA	0	0	
mORF_-_862754	862754	862801	-	6	48	TTG	TGA	0	0	
mORF_-_862798	862798	862956	-	5	159	ATG	TGA	0	0	
mORF_-_862829	862829	862834	-	6	6	ATG	TAG	0	0	
mORF_-_862863	862863	862916	-	4	54	GTG	TAA	0	0	
mORF_-_862913	862913	863005	-	6	93	ATG	TGA	0	0	
mORF_-_862944	862944	862952	-	4	9	TTG	TAG	0	0	
mORF_-_863020	863020	863055	-	5	36	GTG	TGA	0	0	
mORF_-_863151	863151	863210	-	4	60	GTG	TAA	0	0	

mORF_-_863159	863159	863212	-	6	54	TTG	TAA	0	0	
mORF_-_863275	863275	863292	-	5	18	ATG	TGA	0	0	
mORF_-_863293	863293	863367	-	5	75	TTG	TGA	0	0	
mORF_-_863309	863309	863314	-	6	6	GTG	TAA	0	0	
mORF_-_863318	863318	863332	-	6	15	ATG	TAA	0	0	
mORF_-_863364	863364	863414	-	4	51	TTG	TGA	0	0	
mORF_-_863411	863411	863602	-	6	192	TTG	TGA	0	0	
mORF_-_863415	863415	863438	-	4	24	GTG	TAA	0	0	
mORF_-_863448	863448	863615	-	4	168	GTG	TAA	0	0	
mORF_-_863584	863584	863622	-	5	39	GTG	TGA	0	0	
mORF_-_863603	863603	864352	-	6	750	ATG	TAA	1	2	pORF_-_863603
mORF_-_863619	863619	863624	-	4	6	GTG	TGA	0	0	
mORF_-_863665	863665	863754	-	5	90	TTG	TGA	0	0	
mORF_-_863797	863797	863925	-	5	129	TTG	TAA	0	0	
mORF_-_863823	863823	863840	-	4	18	GTG	TAG	0	0	
mORF_-_863938	863938	863997	-	5	60	TTG	TGA	0	0	
mORF_-_863998	863998	864033	-	5	36	ATG	TGA	0	0	
mORF_-_864070	864070	864120	-	5	51	GTG	TGA	0	0	
mORF_-_864178	864178	864222	-	5	45	GTG	TGA	0	0	
mORF_-_864265	864265	864291	-	5	27	TTG	TGA	0	0	
mORF_-_864352	864352	865587	-	5	1236	ATG	TAA	36	395	pORF_-_864352
mORF_-_864374	864374	864397	-	6	24	ATG	TAA	0	0	
mORF_-_864384	864384	864413	-	4	30	ATG	TAG	0	0	
mORF_-_864498	864498	864551	-	4	54	TTG	TGA	0	0	
mORF_-_864669	864669	864833	-	4	165	GTG	TGA	0	0	
mORF_-_864846	864846	864896	-	4	51	ATG	TGA	0	0	
mORF_-_864923	864923	864937	-	6	15	ATG	TAA	0	0	
mORF_-_864954	864954	865031	-	4	78	GTG	TGA	0	0	
mORF_-_865047	865047	865052	-	4	6	GTG	TAG	0	0	
mORF_-_865065	865065	865097	-	4	33	TTG	TGA	0	0	
mORF_-_865119	865119	865223	-	4	105	ATG	TGA	0	0	
mORF_-_865235	865235	865321	-	6	87	ATG	TGA	0	0	
mORF_-_865251	865251	865286	-	4	36	GTG	TGA	0	0	
mORF_-_865290	865290	865385	-	4	96	TTG	TGA	0	0	
mORF_-_865392	865392	865481	-	4	90	TTG	TAG	0	0	
mORF_-_865442	865442	865486	-	6	45	GTG	TGA	0	0	
mORF_-_865515	865515	865544	-	4	30	ATG	TGA	0	0	
mORF_-_865544	865544	865609	-	6	66	TTG	TAA	0	0	
mORF_-_865566	865566	865859	-	4	294	TTG	TGA	0	0	
mORF_-_865630	865630	865701	-	5	72	ATG	TGA	0	0	
mORF_-_865685	865685	865690	-	6	6	ATG	TAA	0	0	
mORF_-_865712	865712	865735	-	6	24	ATG	TGA	0	0	
mORF_-_865750	865750	865758	-	5	9	TTG	TAA	0	0	
mORF_-_865775	865775	865807	-	6	33	ATG	TAA	0	0	
mORF_-_865804	865804	865833	-	5	30	TTG	TGA	0	0	
mORF_-_865834	865834	865983	-	5	150	GTG	TAA	0	0	
mORF_-_865866	865866	866246	-	4	381	TTG	TAA	0	0	
mORF_-_865871	865871	866062	-	6	192	GTG	TAG	0	0	
mORF_-_866089	866089	866301	-	5	213	GTG	TAA	0	0	
mORF_-_866093	866093	866227	-	6	135	GTG	TGA	0	0	
mORF_-_866237	866237	866395	-	6	159	TTG	TAA	0	0	
mORF_-_866247	866247	866288	-	4	42	ATG	TAG	0	0	
mORF_-_866444	866444	866524	-	6	81	ATG	TAG	0	0	
mORF_-_866497	866497	866517	-	5	21	ATG	TGA	0	0	
mORF_-_866540	866540	866665	-	6	126	GTG	TAA	0	0	
mORF_-_866619	866619	866636	-	4	18	ATG	TAA	0	0	
mORF_-_866652	866652	866843	-	4	192	TTG	TAG	0	0	
mORF_-_866659	866659	866862	-	5	204	TTG	TAA	0	0	
mORF_-_866690	866690	866713	-	6	24	GTG	TAG	0	0	
mORF_-_866720	866720	866749	-	6	30	GTG	TAG	0	0	
mORF_-_866852	866852	866926	-	6	75	ATG	TAA	0	0	
mORF_-_866956	866956	867042	-	5	87	ATG	TAA	0	0	
mORF_-_867011	867011	867088	-	6	78	ATG	TAA	0	0	

mORF_-_867104	867104	867328	-	6	225	TTG	TAA	1	4	pORF_-_867104
mORF_-_867130	867130	867219	-	5	90	TTG	TGA	0	0	
mORF_-_867195	867195	867224	-	4	30	ATG	TGA	0	0	
mORF_-_867229	867229	867246	-	5	18	TTG	TGA	0	0	
mORF_-_867243	867243	867347	-	4	105	GTG	TGA	0	0	
mORF_-_867292	867292	867369	-	5	78	TTG	TGA	0	0	
mORF_-_867351	867351	867419	-	4	69	GTG	TGA	0	0	
mORF_-_867370	867370	867528	-	5	159	ATG	TAA	0	0	
mORF_-_867416	867416	867520	-	6	105	GTG	TGA	0	0	
mORF_-_867531	867531	867536	-	4	6	GTG	TAA	0	0	
mORF_-_867547	867547	867564	-	5	18	TTG	TAA	0	0	
mORF_-_867583	867583	867624	-	5	42	ATG	TAA	0	0	
mORF_-_867588	867588	867836	-	4	249	GTG	TAA	0	0	
mORF_-_867682	867682	867756	-	5	75	ATG	TAA	0	0	
mORF_-_867890	867890	867937	-	6	48	ATG	TAA	0	0	
mORF_-_867897	867897	867926	-	4	30	TTG	TGA	0	0	
mORF_-_867937	867937	868035	-	5	99	GTG	TAA	0	0	
mORF_-_867956	867956	867991	-	6	36	GTG	TAA	0	0	
mORF_-_867993	867993	868001	-	4	9	ATG	TGA	0	0	
mORF_-_868013	868013	868189	-	6	177	TTG	TAA	0	0	
mORF_-_868099	868099	868413	-	5	315	ATG	TAA	0	0	
mORF_-_868143	868143	868286	-	4	144	ATG	TGA	0	0	
mORF_-_868331	868331	868600	-	6	270	ATG	TAA	0	0	
mORF_-_868416	868416	868508	-	4	93	TTG	TAA	0	0	
mORF_-_868429	868429	868587	-	5	159	TTG	TAA	0	0	
mORF_-_868569	868569	868706	-	4	138	ATG	TAA	0	0	
mORF_-_868588	868588	868617	-	5	30	ATG	TGA	0	0	
mORF_-_868601	868601	868651	-	6	51	GTG	TGA	0	0	
mORF_-_868618	868618	868779	-	5	162	GTG	TGA	0	0	
mORF_-_868746	868746	868772	-	4	27	TTG	TGA	0	0	
mORF_-_868781	868781	868999	-	6	219	ATG	TAA	0	0	
mORF_-_868867	868867	868890	-	5	24	ATG	TAA	0	0	
mORF_-_868894	868894	868947	-	5	54	TTG	TAA	0	0	
mORF_-_869008	869008	869160	-	5	153	TTG	TAG	0	0	
mORF_-_869031	869031	869057	-	4	27	TTG	TAG	0	0	
mORF_-_869087	869087	869113	-	6	27	ATG	TGA	0	0	
mORF_-_869097	869097	869429	-	4	333	TTG	TAA	0	0	
mORF_-_869132	869132	869335	-	6	204	TTG	TGA	0	0	
mORF_-_869251	869251	869364	-	5	114	ATG	TAA	0	0	
mORF_-_869368	869368	869400	-	5	33	TTG	TAA	0	0	
mORF_-_869426	869426	869599	-	6	174	TTG	TGA	0	0	
mORF_-_869503	869503	869511	-	5	9	ATG	TAA	0	0	
mORF_-_869511	869511	869555	-	4	45	TTG	TAA	0	0	
mORF_-_869562	869562	869582	-	4	21	TTG	TAG	0	0	
mORF_-_869617	869617	869709	-	5	93	GTG	TAA	0	0	
mORF_-_869673	869673	869696	-	4	24	GTG	TGA	0	0	
mORF_-_869693	869693	869728	-	6	36	TTG	TGA	0	0	
mORF_-_869744	869744	869824	-	6	81	TTG	TAA	0	0	
mORF_-_869760	869760	869924	-	4	165	GTG	TAA	0	0	
mORF_-_869848	869848	869853	-	5	6	GTG	TAG	0	0	
mORF_-_869934	869934	869987	-	4	54	GTG	TAA	0	0	
mORF_-_869947	869947	869955	-	5	9	TTG	TAA	0	0	
mORF_-_869980	869980	870138	-	5	159	GTG	TGA	0	0	
mORF_-_870020	870020	870169	-	6	150	TTG	TAA	0	0	
mORF_-_870042	870042	870098	-	4	57	GTG	TGA	0	0	
mORF_-_870144	870144	870176	-	4	33	TTG	TGA	0	0	
mORF_-_870198	870198	870209	-	4	12	TTG	TAA	0	0	
mORF_-_870262	870262	870390	-	5	129	GTG	TAA	0	0	
mORF_-_870390	870390	870593	-	4	204	ATG	TAG	0	0	
mORF_-_870473	870473	870481	-	6	9	TTG	TAA	0	0	
mORF_-_870542	870542	870622	-	6	81	ATG	TAA	0	0	
mORF_-_870640	870640	870705	-	5	66	GTG	TAA	0	0	
mORF_-_870705	870705	870710	-	4	6	ATG	TAG	0	0	

mORF_-_870787	870787	870855	-	5	69	GTG	TAA	0	0
mORF_-_870798	870798	870950	-	4	153	TTG	TAA	0	0
mORF_-_871011	871011	871055	-	4	45	TTG	TGA	0	0
mORF_-_871074	871074	871106	-	4	33	TTG	TAA	0	0
mORF_-_871123	871123	871161	-	5	39	GTG	TAA	0	0
mORF_-_871136	871136	871168	-	6	33	TTG	TGA	0	0
mORF_-_871146	871146	871226	-	4	81	ATG	TAA	0	0
mORF_-_871165	871165	871245	-	5	81	ATG	TGA	0	0
mORF_-_871220	871220	871276	-	6	57	ATG	TGA	0	0
mORF_-_871252	871252	871377	-	5	126	GTG	TAA	0	0
mORF_-_871257	871257	871358	-	4	102	GTG	TAA	0	0
mORF_-_871322	871322	871390	-	6	69	ATG	TAA	0	0
mORF_-_871374	871374	871418	-	4	45	TTG	TGA	0	0
mORF_-_871496	871496	871672	-	6	177	GTG	TAA	0	0
mORF_-_871563	871563	871691	-	4	129	TTG	TAA	0	0
mORF_-_871696	871696	871710	-	5	15	GTG	TAA	0	0
mORF_-_871704	871704	871751	-	4	48	ATG	TGA	0	0
mORF_-_871748	871748	871972	-	6	225	TTG	TGA	0	0
mORF_-_871813	871813	871881	-	5	69	TTG	TAA	0	0
mORF_-_871833	871833	871922	-	4	90	ATG	TGA	0	0
mORF_-_872025	872025	872144	-	4	120	TTG	TAA	0	0
mORF_-_872054	872054	872062	-	6	9	GTG	TGA	0	0
mORF_-_872128	872128	872166	-	5	39	GTG	TAA	0	0
mORF_-_872180	872180	872290	-	6	111	ATG	TAA	0	0
mORF_-_872197	872197	872268	-	5	72	ATG	TAA	0	0
mORF_-_872265	872265	872300	-	4	36	TTG	TGA	0	0
mORF_-_872374	872374	872415	-	5	42	GTG	TAA	0	0
mORF_-_872424	872424	872447	-	4	24	TTG	TAA	0	0
mORF_-_872461	872461	872481	-	5	21	ATG	TAA	0	0
mORF_-_872484	872484	872576	-	4	93	TTG	TAA	0	0
mORF_-_872567	872567	872752	-	6	186	TTG	TGA	0	0
mORF_-_872626	872626	872634	-	5	9	ATG	TAA	0	0
mORF_-_872668	872668	872691	-	5	24	ATG	TAG	0	0
mORF_-_872736	872736	872759	-	4	24	GTG	TAG	0	0
mORF_-_872766	872766	872786	-	4	21	ATG	TAA	0	0
mORF_-_872793	872793	872828	-	4	36	TTG	TAA	0	0
mORF_-_872825	872825	872884	-	6	60	TTG	TGA	0	0
mORF_-_872850	872850	872891	-	4	42	TTG	TAG	0	0
mORF_-_872933	872933	872995	-	6	63	TTG	TAA	0	0
mORF_-_872941	872941	873048	-	5	108	ATG	TAA	0	0
mORF_-_873062	873062	873082	-	6	21	ATG	TAA	0	0
mORF_-_873104	873104	873118	-	6	15	GTG	TAA	0	0
mORF_-_873108	873108	873137	-	4	30	TTG	TAA	0	0
mORF_-_873160	873160	873189	-	5	30	TTG	TAA	0	0
mORF_-_873186	873186	873197	-	4	12	TTG	TGA	0	0
mORF_-_873194	873194	873250	-	6	57	TTG	TGA	0	0
mORF_-_873247	873247	873309	-	5	63	GTG	TGA	0	0
mORF_-_873306	873306	873500	-	4	195	TTG	TGA	0	0
mORF_-_873323	873323	873370	-	6	48	TTG	TGA	0	0
mORF_-_873374	873374	873451	-	6	78	TTG	TGA	0	0
mORF_-_873460	873460	873519	-	5	60	ATG	TGA	0	0
mORF_-_873473	873473	873523	-	6	51	TTG	TGA	0	0
mORF_-_873520	873520	873567	-	5	48	ATG	TGA	0	0
mORF_-_873537	873537	873725	-	4	189	ATG	TAA	0	0
mORF_-_873614	873614	873646	-	6	33	ATG	TAG	0	0
mORF_-_873680	873680	873766	-	6	87	TTG	TAA	0	0
mORF_-_873732	873732	873809	-	4	78	ATG	TGA	0	0
mORF_-_873763	873763	873813	-	5	51	TTG	TGA	0	0
mORF_-_873828	873828	873845	-	4	18	TTG	TAG	0	0
mORF_-_873842	873842	873973	-	6	132	TTG	TGA	0	0
mORF_-_873922	873922	873930	-	5	9	GTG	TGA	0	0
mORF_-_873927	873927	874022	-	4	96	ATG	TGA	0	0
mORF_-_873994	873994	874005	-	5	12	TTG	TAA	0	0

mORF_-_874056	874056	874064	-	4	9	ATG	TAA	0	0	
mORF_-_874066	874066	874098	-	5	33	GTG	TAA	0	0	
mORF_-_874086	874086	874235	-	4	150	TTG	TAA	0	0	
mORF_-_874103	874103	874171	-	6	69	GTG	TGA	0	0	
mORF_-_874205	874205	874267	-	6	63	GTG	TAA	0	0	
mORF_-_874210	874210	874278	-	5	69	TTG	TGA	0	0	
mORF_-_874275	874275	874331	-	4	57	TTG	TGA	0	0	
mORF_-_874292	874292	874375	-	6	84	ATG	TAA	0	0	
mORF_-_874375	874375	874392	-	5	18	GTG	TAA	0	0	
mORF_-_874394	874394	874459	-	6	66	TTG	TAG	0	0	
mORF_-_874456	874456	874509	-	5	54	ATG	TGA	0	0	
mORF_-_874478	874478	874504	-	6	27	ATG	TGA	0	0	
mORF_-_874536	874536	874610	-	4	75	ATG	TAA	0	0	
mORF_-_874615	874615	874644	-	5	30	TTG	TGA	0	0	
mORF_-_874635	874635	874640	-	4	6	GTG	TAG	0	0	
mORF_-_874641	874641	874796	-	4	156	GTG	TGA	0	0	
mORF_-_874682	874682	874738	-	6	57	TTG	TAA	0	0	
mORF_-_874756	874756	875004	-	5	249	GTG	TAG	0	0	
mORF_-_874896	874896	874940	-	4	45	TTG	TAA	0	0	
mORF_-_874952	874952	875056	-	6	105	TTG	TAA	0	0	
mORF_-_875001	875001	875156	-	4	156	GTG	TGA	0	0	
mORF_-_875095	875095	875364	-	5	270	ATG	TAG	0	0	
mORF_-_875153	875153	875248	-	6	96	ATG	TGA	0	0	
mORF_-_875252	875252	875269	-	6	18	ATG	TAA	0	0	
mORF_-_875301	875301	875414	-	4	114	TTG	TAG	0	0	
mORF_-_875411	875411	875467	-	6	57	TTG	TGA	0	0	
mORF_-_875421	875421	875462	-	4	42	TTG	TAG	0	0	
mORF_-_875494	875494	875577	-	5	84	ATG	TAA	0	0	
mORF_-_875520	875520	875567	-	4	48	GTG	TAA	0	0	
mORF_-_875618	875618	875626	-	6	9	GTG	TAA	0	0	
mORF_-_875722	875722	875739	-	5	18	ATG	TAG	0	0	
mORF_-_875736	875736	875756	-	4	21	ATG	TGA	0	0	
mORF_-_875756	875756	875791	-	6	36	TTG	TAA	0	0	
mORF_-_875761	875761	875787	-	5	27	ATG	TAA	0	0	
mORF_-_875801	875801	875869	-	6	69	GTG	TAG	0	0	
mORF_-_875873	875873	875908	-	6	36	TTG	TAA	0	0	
mORF_-_875929	875929	875964	-	5	36	ATG	TAA	0	0	
mORF_-_875933	875933	877258	-	6	1326	ATG	TAA	26	129	pORF_-_875933
mORF_-_875943	875943	875951	-	4	9	GTG	TAG	0	0	
mORF_-_875980	875980	876072	-	5	93	TTG	TGA	0	0	
mORF_-_876103	876103	876267	-	5	165	TTG	TGA	0	0	
mORF_-_876255	876255	876593	-	4	339	GTG	TAA	0	0	
mORF_-_876289	876289	876345	-	5	57	TTG	TGA	0	0	
mORF_-_876508	876508	876531	-	5	24	ATG	TGA	0	0	
mORF_-_876613	876613	876663	-	5	51	ATG	TAA	0	0	
mORF_-_876685	876685	876711	-	5	27	ATG	TGA	0	0	
mORF_-_876712	876712	876732	-	5	21	GTG	TAG	0	0	
mORF_-_876733	876733	876747	-	5	15	TTG	TAA	0	0	
mORF_-_876826	876826	876837	-	5	12	ATG	TGA	0	0	
mORF_-_876856	876856	876861	-	5	6	GTG	TGA	0	0	
mORF_-_876880	876880	876942	-	5	63	ATG	TGA	0	0	
mORF_-_876945	876945	877016	-	4	72	TTG	TAG	0	0	
mORF_-_877021	877021	877044	-	5	24	ATG	TGA	0	0	
mORF_-_877045	877045	877092	-	5	48	TTG	TGA	0	0	
mORF_-_877114	877114	877224	-	5	111	TTG	TGA	0	0	
mORF_-_877191	877191	877340	-	4	150	ATG	TGA	0	0	
mORF_-_877337	877337	877417	-	6	81	TTG	TGA	0	0	
mORF_-_877414	877414	877593	-	5	180	ATG	TGA	0	0	
mORF_-_877430	877430	877561	-	6	132	TTG	TAG	0	0	
mORF_-_877434	877434	877589	-	4	156	TTG	TAA	0	0	
mORF_-_877594	877594	877692	-	5	99	ATG	TAG	0	0	
mORF_-_877610	877610	877705	-	6	96	ATG	TAA	0	0	
mORF_-_877689	877689	877838	-	4	150	ATG	TGA	0	0	

mORF_-_877705	877705	877743	-	5	39	ATG	TAA	0	0	
mORF_-_877766	877766	877927	-	6	162	GTG	TGA	0	0	
mORF_-_877801	877801	877833	-	5	33	GTG	TAA	0	0	
mORF_-_877858	877858	877887	-	5	30	ATG	TAG	0	0	
mORF_-_877938	877938	878072	-	4	135	ATG	TAA	0	0	
mORF_-_877949	877949	878062	-	6	114	TTG	TGA	0	0	
mORF_-_877996	877996	878082	-	5	87	GTG	TAA	0	0	
mORF_-_878091	878091	878105	-	4	15	GTG	TAA	0	0	
mORF_-_878102	878102	878119	-	6	18	GTG	TGA	0	0	
mORF_-_878112	878112	878150	-	4	39	TTG	TAA	0	0	
mORF_-_878116	878116	878385	-	5	270	TTG	TGA	0	0	
mORF_-_878163	878163	878204	-	4	42	GTG	TAA	0	0	
mORF_-_878249	878249	878263	-	6	15	ATG	TGA	0	0	
mORF_-_878273	878273	878299	-	6	27	TTG	TAA	0	0	
mORF_-_878318	878318	878401	-	6	84	TTG	TAA	0	0	
mORF_-_878343	878343	878405	-	4	63	ATG	TGA	0	0	
mORF_-_878438	878438	878467	-	6	30	TTG	TAA	0	0	
mORF_-_878468	878468	878509	-	6	42	TTG	TGA	0	0	
mORF_-_878499	878499	878699	-	4	201	TTG	TAA	0	0	
mORF_-_878557	878557	878646	-	5	90	GTG	TAA	0	0	
mORF_-_878594	878594	878707	-	6	114	TTG	TAA	0	0	
mORF_-_878686	878686	878730	-	5	45	TTG	TAA	0	0	
mORF_-_878711	878711	878743	-	6	33	TTG	TAG	0	0	
mORF_-_878748	878748	878882	-	4	135	TTG	TGA	0	0	
mORF_-_878810	878810	878842	-	6	33	ATG	TAA	0	0	
mORF_-_878849	878849	879004	-	6	156	GTG	TAG	0	0	
mORF_-_879017	879017	879076	-	6	60	TTG	TAA	0	0	
mORF_-_879064	879064	879072	-	5	9	GTG	TAA	0	0	
mORF_-_879077	879077	879709	-	6	633	GTG	TAA	31	238	pORF_-_879077
mORF_-_879169	879169	879228	-	5	60	TTG	TGA	0	0	
mORF_-_879180	879180	879305	-	4	126	TTG	TAA	0	0	
mORF_-_879250	879250	879315	-	5	66	TTG	TAA	0	0	
mORF_-_879361	879361	879534	-	5	174	GTG	TGA	0	0	
mORF_-_879381	879381	879509	-	4	129	TTG	TAA	0	0	
mORF_-_879562	879562	879582	-	5	21	ATG	TGA	0	0	
mORF_-_879589	879589	879624	-	5	36	ATG	TAA	0	0	
mORF_-_879678	879678	879731	-	4	54	GTG	TAA	0	0	
mORF_-_879764	879764	879850	-	6	87	TTG	TAA	0	0	
mORF_-_879771	879771	879788	-	4	18	TTG	TAA	0	0	
mORF_-_879852	879852	879947	-	4	96	ATG	TAA	0	0	
mORF_-_879899	879899	879958	-	6	60	TTG	TGA	0	0	
mORF_-_879948	879948	880073	-	4	126	ATG	TAA	0	0	
mORF_-_880001	880001	880039	-	6	39	TTG	TAA	0	0	
mORF_-_880087	880087	880161	-	5	75	ATG	TAA	0	0	
mORF_-_880168	880168	880290	-	5	123	TTG	TAG	0	0	
mORF_-_880209	880209	880274	-	4	66	ATG	TGA	0	0	
mORF_-_880300	880300	880326	-	5	27	TTG	TGA	0	0	
mORF_-_880335	880335	880400	-	4	66	ATG	TAA	0	0	
mORF_-_880397	880397	880564	-	6	168	ATG	TGA	0	0	
mORF_-_880420	880420	880560	-	5	141	ATG	TAA	0	0	
mORF_-_880491	880491	880529	-	4	39	ATG	TGA	0	0	
mORF_-_880561	880561	880590	-	5	30	TTG	TGA	0	0	
mORF_-_880597	880597	880836	-	5	240	GTG	TGA	0	0	
mORF_-_880761	880761	880820	-	4	60	TTG	TAA	0	0	
mORF_-_880846	880846	880914	-	5	69	ATG	TGA	0	0	
mORF_-_880955	880955	881125	-	6	171	ATG	TAA	0	0	
mORF_-_880971	880971	880979	-	4	9	GTG	TAA	0	0	
mORF_-_880993	880993	881037	-	5	45	ATG	TGA	0	0	
mORF_-_881149	881149	881199	-	5	51	ATG	TAA	0	0	
mORF_-_881199	881199	881957	-	4	759	ATG	TAA	4	10	pORF_-_881199
mORF_-_881237	881237	881248	-	6	12	ATG	TGA	0	0	
mORF_-_881245	881245	881262	-	5	18	TTG	TGA	0	0	
mORF_-_881267	881267	881281	-	6	15	TTG	TGA	0	0	

mORF_-_881288	881288	881350	-	6	63	ATG	TGA	0	0	
mORF_-_881381	881381	881428	-	6	48	ATG	TAA	0	0	
mORF_-_881419	881419	881466	-	5	48	TTG	TAA	0	0	
mORF_-_881474	881474	881533	-	6	60	GTG	TGA	0	0	
mORF_-_881527	881527	881598	-	5	72	TTG	TGA	0	0	
mORF_-_881585	881585	881665	-	6	81	TTG	TAA	0	0	
mORF_-_881632	881632	881643	-	5	12	GTG	TGA	0	0	
mORF_-_881753	881753	881821	-	6	69	GTG	TAA	0	0	
mORF_-_881849	881849	881866	-	6	18	TTG	TGA	0	0	
mORF_-_881973	881973	881993	-	4	21	TTG	TAA	0	0	
mORF_-_881996	881996	882001	-	6	6	GTG	TAG	0	0	
mORF_-_882005	882005	882136	-	6	132	TTG	TAA	0	0	
mORF_-_882015	882015	882626	-	4	612	TTG	TGA	0	0	
mORF_-_882019	882019	882069	-	5	51	GTG	TGA	0	0	
mORF_-_882124	882124	882261	-	5	138	ATG	TAG	0	0	
mORF_-_882137	882137	882208	-	6	72	TTG	TGA	0	0	
mORF_-_882227	882227	882277	-	6	51	TTG	TAA	0	0	
mORF_-_882287	882287	882406	-	6	120	TTG	TGA	0	0	
mORF_-_882340	882340	882477	-	5	138	TTG	TAA	0	0	
mORF_-_882509	882509	882523	-	6	15	TTG	TGA	0	0	
mORF_-_882517	882517	882549	-	5	33	GTG	TAA	0	0	
mORF_-_882632	882632	882715	-	6	84	TTG	TAA	0	0	
mORF_-_882678	882678	882698	-	4	21	ATG	TAA	0	0	
mORF_-_882712	882712	882750	-	5	39	ATG	TGA	0	0	
mORF_-_882780	882780	882980	-	4	201	TTG	TAG	0	0	
mORF_-_882824	882824	882901	-	6	78	TTG	TAG	0	0	
mORF_-_882877	882877	882897	-	5	21	ATG	TAA	0	0	
mORF_-_882977	882977	883033	-	6	57	TTG	TGA	0	0	
mORF_-_882982	882982	882993	-	5	12	TTG	TAG	0	0	
mORF_-_883036	883036	883260	-	5	225	ATG	TGA	0	0	
mORF_-_883097	883097	883216	-	6	120	TTG	TAA	0	0	
mORF_-_883176	883176	883190	-	4	15	TTG	TGA	0	0	
mORF_-_883257	883257	883283	-	4	27	TTG	TGA	0	0	
mORF_-_883285	883285	883485	-	5	201	GTG	TGA	0	0	
mORF_-_883320	883320	883508	-	4	189	GTG	TGA	0	0	
mORF_-_883358	883358	883462	-	6	105	TTG	TAG	0	0	
mORF_-_883505	883505	883678	-	6	174	TTG	TGA	0	0	
mORF_-_883528	883528	883635	-	5	108	ATG	TAG	0	0	
mORF_-_883657	883657	883743	-	5	87	GTG	TAG	0	0	
mORF_-_883779	883779	883811	-	4	33	TTG	TAA	0	0	
mORF_-_883815	883815	883823	-	4	9	ATG	TAA	0	0	
mORF_-_883820	883820	883828	-	6	9	GTG	TGA	0	0	
mORF_-_883861	883861	884055	-	5	195	TTG	TAA	0	0	
mORF_-_883904	883904	884005	-	6	102	ATG	TAA	0	0	
mORF_-_884090	884090	884215	-	6	126	GTG	TAA	0	0	
mORF_-_884169	884169	884453	-	4	285	ATG	TAA	0	0	
mORF_-_884216	884216	884401	-	6	186	GTG	TAG	0	0	
mORF_-_884335	884335	884439	-	5	105	TTG	TGA	0	0	
mORF_-_884491	884491	884505	-	5	15	ATG	TAA	0	0	
mORF_-_884502	884502	884549	-	4	48	TTG	TGA	0	0	
mORF_-_884539	884539	885357	-	5	819	TTG	TAA	4	20	pORF_-_884539
mORF_-_884580	884580	884717	-	4	138	TTG	TGA	0	0	
mORF_-_884702	884702	884749	-	6	48	ATG	TAA	0	0	
mORF_-_884739	884739	884774	-	4	36	ATG	TAG	0	0	
mORF_-_884799	884799	884858	-	4	60	ATG	TGA	0	0	
mORF_-_884883	884883	884891	-	4	9	ATG	TGA	0	0	
mORF_-_884901	884901	884909	-	4	9	TTG	TGA	0	0	
mORF_-_884928	884928	884939	-	4	12	TTG	TAG	0	0	
mORF_-_884988	884988	885041	-	4	54	TTG	TGA	0	0	
mORF_-_885063	885063	885122	-	4	60	ATG	TGA	0	0	
mORF_-_885138	885138	885182	-	4	45	TTG	TAG	0	0	
mORF_-_885231	885231	885236	-	4	6	TTG	TAG	0	0	
mORF_-_885255	885255	885287	-	4	33	GTG	TGA	0	0	

mORF_-_885309	885309	885323	-	4	15	ATG	TAA	0	0	
mORF_-_885330	885330	885338	-	4	9	TTG	TAG	0	0	
mORF_-_885344	885344	885469	-	6	126	ATG	TAA	0	0	
mORF_-_885354	885354	886562	-	4	1209	ATG	TGA	1	2	pORF_-_885354
mORF_-_885533	885533	885559	-	6	27	ATG	TAG	0	0	
mORF_-_885590	885590	885664	-	6	75	TTG	TGA	0	0	
mORF_-_885655	885655	885747	-	5	93	TTG	TAG	0	0	
mORF_-_885671	885671	885679	-	6	9	TTG	TGA	0	0	
mORF_-_885695	885695	885766	-	6	72	TTG	TAA	0	0	
mORF_-_885770	885770	885793	-	6	24	ATG	TGA	0	0	
mORF_-_885797	885797	885835	-	6	39	TTG	TGA	0	0	
mORF_-_885839	885839	885901	-	6	63	GTG	TAA	0	0	
mORF_-_885905	885905	885973	-	6	69	ATG	TGA	0	0	
mORF_-_886028	886028	886072	-	6	45	TTG	TAG	0	0	
mORF_-_886079	886079	886096	-	6	18	GTG	TGA	0	0	
mORF_-_886157	886157	886186	-	6	30	TTG	TGA	0	0	
mORF_-_886190	886190	886246	-	6	57	TTG	TAA	0	0	
mORF_-_886298	886298	886342	-	6	45	TTG	TGA	0	0	
mORF_-_886330	886330	886359	-	5	30	GTG	TAA	0	0	
mORF_-_886379	886379	886411	-	6	33	GTG	TGA	0	0	
mORF_-_886532	886532	886540	-	6	9	ATG	TGA	0	0	
mORF_-_886540	886540	886569	-	5	30	GTG	TAA	0	0	
mORF_-_886566	886566	886625	-	4	60	TTG	TGA	0	0	
mORF_-_886571	886571	886738	-	6	168	GTG	TGA	0	0	
mORF_-_886597	886597	886695	-	5	99	GTG	TAA	0	0	
mORF_-_886714	886714	886743	-	5	30	TTG	TAA	0	0	
mORF_-_886786	886786	886845	-	5	60	ATG	TAG	0	0	
mORF_-_886811	886811	886855	-	6	45	TTG	TAA	0	0	
mORF_-_886842	886842	886865	-	4	24	ATG	TGA	0	0	
mORF_-_886858	886858	886911	-	5	54	GTG	TGA	0	0	
mORF_-_886878	886878	886898	-	4	21	ATG	TAA	0	0	
mORF_-_886908	886908	886940	-	4	33	TTG	TGA	0	0	
mORF_-_886921	886921	886953	-	5	33	ATG	TAG	0	0	
mORF_-_887000	887000	887113	-	6	114	ATG	TAA	0	0	
mORF_-_887035	887035	887121	-	5	87	GTG	TGA	0	0	
mORF_-_887135	887135	887266	-	6	132	TTG	TAG	0	0	
mORF_-_887193	887193	887282	-	4	90	GTG	TAA	0	0	
mORF_-_887212	887212	887250	-	5	39	GTG	TGA	0	0	
mORF_-_887263	887263	887337	-	5	75	ATG	TGA	0	0	
mORF_-_887282	887282	887326	-	6	45	TTG	TAG	0	0	
mORF_-_887340	887340	887375	-	4	36	ATG	TGA	0	0	
mORF_-_887357	887357	889042	-	6	1686	GTG	TAA	3	8	pORF_-_887357
mORF_-_887404	887404	887475	-	5	72	GTG	TGA	0	0	
mORF_-_887542	887542	887601	-	5	60	TTG	TGA	0	0	
mORF_-_887602	887602	887613	-	5	12	TTG	TGA	0	0	
mORF_-_887614	887614	887631	-	5	18	TTG	TGA	0	0	
mORF_-_887668	887668	887676	-	5	9	TTG	TGA	0	0	
mORF_-_887719	887719	887763	-	5	45	GTG	TAA	0	0	
mORF_-_887860	887860	887874	-	5	15	TTG	TGA	0	0	
mORF_-_887950	887950	888012	-	5	63	ATG	TAA	0	0	
mORF_-_888013	888013	888027	-	5	15	TTG	TAG	0	0	
mORF_-_888048	888048	888059	-	4	12	TTG	TAA	0	0	
mORF_-_888097	888097	888207	-	5	111	ATG	TAG	0	0	
mORF_-_888232	888232	888342	-	5	111	GTG	TAG	0	0	
mORF_-_888400	888400	888519	-	5	120	TTG	TGA	0	0	
mORF_-_888547	888547	888555	-	5	9	ATG	TAA	0	0	
mORF_-_888565	888565	888633	-	5	69	GTG	TGA	0	0	
mORF_-_888682	888682	888702	-	5	21	TTG	TGA	0	0	
mORF_-_888727	888727	888744	-	5	18	TTG	TGA	0	0	
mORF_-_888763	888763	888864	-	5	102	ATG	TAA	0	0	
mORF_-_888910	888910	889014	-	5	105	ATG	TAG	0	0	
mORF_-_888927	888927	888968	-	4	42	ATG	TAA	0	0	
mORF_-_889106	889106	889132	-	6	27	ATG	TAA	0	0	

mORF_-_889116	889116	889163	-	4	48	TTG	TGA	0	0	
mORF_-_889129	889129	889197	-	5	69	TTG	TGA	0	0	
mORF_-_889133	889133	889141	-	6	9	GTG	TGA	0	0	
mORF_-_889182	889182	889187	-	4	6	ATG	TGA	0	0	
mORF_-_889220	889220	889231	-	6	12	ATG	TAG	0	0	
mORF_-_889225	889225	889422	-	5	198	ATG	TAA	0	0	
mORF_-_889248	889248	889268	-	4	21	GTG	TAA	0	0	
mORF_-_889253	889253	889342	-	6	90	TTG	TAA	0	0	
mORF_-_889299	889299	889544	-	4	246	ATG	TGA	1	2	pORF_-_889299
mORF_-_889445	889445	889528	-	6	84	GTG	TGA	0	0	
mORF_-_889544	889544	889633	-	6	90	GTG	TAA	0	0	
mORF_-_889573	889573	889584	-	5	12	TTG	TGA	0	0	
mORF_-_889642	889642	889698	-	5	57	TTG	TAA	0	0	
mORF_-_889661	889661	889669	-	6	9	GTG	TAA	0	0	
mORF_-_889711	889711	889746	-	5	36	ATG	TGA	0	0	
mORF_-_889719	889719	889991	-	4	273	ATG	TGA	7	19	pORF_-_889719
mORF_-_889739	889739	889789	-	6	51	TTG	TGA	0	0	
mORF_-_889808	889808	889861	-	6	54	GTG	TAG	0	0	
mORF_-_889868	889868	889900	-	6	33	ATG	TAG	0	0	
mORF_-_889904	889904	889960	-	6	57	TTG	TGA	0	0	
mORF_-_889912	889912	889947	-	5	36	TTG	TGA	0	0	
mORF_-_889988	889988	890014	-	6	27	GTG	TGA	0	0	
mORF_-_890011	890011	890055	-	5	45	ATG	TGA	0	0	
mORF_-_890055	890055	890087	-	4	33	TTG	TAA	0	0	
mORF_-_890062	890062	890118	-	5	57	GTG	TAG	0	0	
mORF_-_890102	890102	890302	-	6	201	ATG	TAA	0	0	
mORF_-_890182	890182	890250	-	5	69	ATG	TAA	0	0	
mORF_-_890196	890196	890378	-	4	183	TTG	TAG	0	0	
mORF_-_890323	890323	890454	-	5	132	ATG	TAA	0	0	
mORF_-_890330	890330	890416	-	6	87	TTG	TGA	0	0	
mORF_-_890388	890388	890567	-	4	180	TTG	TGA	0	0	
mORF_-_890572	890572	890664	-	5	93	ATG	TAA	0	0	
mORF_-_890654	890654	890752	-	6	99	ATG	TAA	0	0	
mORF_-_890665	890665	890706	-	5	42	TTG	TAA	0	0	
mORF_-_890685	890685	890927	-	4	243	ATG	TGA	0	0	
mORF_-_890839	890839	890850	-	5	12	ATG	TAA	0	0	
mORF_-_890903	890903	890971	-	6	69	GTG	TAA	0	0	
mORF_-_890914	890914	891336	-	5	423	GTG	TAA	0	0	
mORF_-_891003	891003	891023	-	4	21	TTG	TAA	0	0	
mORF_-_891008	891008	891064	-	6	57	TTG	TGA	0	0	
mORF_-_891048	891048	891068	-	4	21	ATG	TGA	0	0	
mORF_-_891068	891068	891085	-	6	18	ATG	TAA	0	0	
mORF_-_891096	891096	891107	-	4	12	TTG	TAA	0	0	
mORF_-_891126	891126	891203	-	4	78	ATG	TAG	0	0	
mORF_-_891300	891300	891311	-	4	12	ATG	TAG	0	0	
mORF_-_891336	891336	891395	-	4	60	ATG	TAG	0	0	
mORF_-_891352	891352	891552	-	5	201	ATG	TAA	0	0	
mORF_-_891395	891395	891418	-	6	24	GTG	TAA	0	0	
mORF_-_891444	891444	891500	-	4	57	ATG	TAG	0	0	
mORF_-_891516	891516	891626	-	4	111	GTG	TGA	0	0	
mORF_-_891574	891574	892098	-	5	525	TTG	TAA	0	0	
mORF_-_891660	891660	892022	-	4	363	ATG	TGA	0	0	
mORF_-_891728	891728	891850	-	6	123	TTG	TGA	0	0	
mORF_-_891863	891863	891871	-	6	9	GTG	TGA	0	0	
mORF_-_892058	892058	892114	-	6	57	ATG	TAG	0	0	
mORF_-_892099	892099	892104	-	5	6	ATG	TGA	0	0	
mORF_-_892111	892111	892287	-	5	177	ATG	TGA	0	0	
mORF_-_892155	892155	892175	-	4	21	TTG	TAA	0	0	
mORF_-_892178	892178	892186	-	6	9	ATG	TAA	0	0	
mORF_-_892266	892266	892415	-	4	150	TTG	TGA	0	0	
mORF_-_892412	892412	892471	-	6	60	TTG	TGA	0	0	
mORF_-_892492	892492	892593	-	5	102	TTG	TAA	0	0	
mORF_-_892499	892499	892531	-	6	33	ATG	TAA	0	0	

mORF_-_892542	892542	892571	-	4	30	ATG	TGA	0	0
mORF_-_892590	892590	892628	-	4	39	TTG	TGA	0	0
mORF_-_892600	892600	892653	-	5	54	GTG	TAA	0	0
mORF_-_892631	892631	892705	-	6	75	TTG	TAA	0	0
mORF_-_892641	892641	892784	-	4	144	TTG	TAG	0	0
mORF_-_892739	892739	892747	-	6	9	GTG	TAA	0	0
mORF_-_892772	892772	892792	-	6	21	ATG	TGA	0	0
mORF_-_892826	892826	892837	-	6	12	TTG	TAG	0	0
mORF_-_892851	892851	892937	-	4	87	GTG	TAA	0	0
mORF_-_892910	892910	892915	-	6	6	GTG	TAA	0	0
mORF_-_892940	892940	892948	-	6	9	ATG	TAA	0	0
mORF_-_892954	892954	893100	-	5	147	GTG	TGA	0	0
mORF_-_892991	892991	893107	-	6	117	ATG	TGA	0	0
mORF_-_893031	893031	893105	-	4	75	GTG	TAG	0	0
mORF_-_893123	893123	893149	-	6	27	TTG	TAA	0	0
mORF_-_893180	893180	893386	-	6	207	TTG	TAG	0	0
mORF_-_893197	893197	893259	-	5	63	ATG	TAG	0	0
mORF_-_893220	893220	893375	-	4	156	GTG	TAA	0	0
mORF_-_893429	893429	893500	-	6	72	TTG	TAG	0	0
mORF_-_893582	893582	893608	-	6	27	GTG	TAA	0	0
mORF_-_893608	893608	893685	-	5	78	ATG	TAG	0	0
mORF_-_893621	893621	893668	-	6	48	ATG	TAA	0	0
mORF_-_893649	893649	893681	-	4	33	ATG	TAA	0	0
mORF_-_893682	893682	893690	-	4	9	TTG	TGA	0	0
mORF_-_893687	893687	893872	-	6	186	TTG	TGA	0	0
mORF_-_893695	893695	893709	-	5	15	TTG	TAA	0	0
mORF_-_893728	893728	893814	-	5	87	TTG	TAG	0	0
mORF_-_893760	893760	894164	-	4	405	TTG	TGA	0	0
mORF_-_893945	893945	893971	-	6	27	GTG	TAG	0	0
mORF_-_894011	894011	894190	-	6	180	GTG	TAA	0	0
mORF_-_894043	894043	894198	-	5	156	TTG	TGA	0	0
mORF_-_894174	894174	894194	-	4	21	ATG	TAA	0	0
mORF_-_894195	894195	894293	-	4	99	TTG	TGA	0	0
mORF_-_894271	894271	894423	-	5	153	TTG	TAA	0	0
mORF_-_894306	894306	894338	-	4	33	ATG	TGA	0	0
mORF_-_894326	894326	894466	-	6	141	GTG	TGA	0	0
mORF_-_894339	894339	894392	-	4	54	GTG	TAG	0	0
mORF_-_894463	894463	894528	-	5	66	ATG	TGA	0	0
mORF_-_894477	894477	894494	-	4	18	TTG	TAA	0	0
mORF_-_894510	894510	894650	-	4	141	TTG	TAA	0	0
mORF_-_894574	894574	894681	-	5	108	TTG	TAG	0	0
mORF_-_894672	894672	894833	-	4	162	GTG	TGA	0	0
mORF_-_894724	894724	895212	-	5	489	GTG	TAA	0	0
mORF_-_894840	894840	894878	-	4	39	ATG	TGA	0	0
mORF_-_894945	894945	894995	-	4	51	TTG	TAG	0	0
mORF_-_894992	894992	895048	-	6	57	GTG	TGA	0	0
mORF_-_895002	895002	895181	-	4	180	ATG	TGA	0	0
mORF_-_895238	895238	895366	-	6	129	GTG	TAA	0	0
mORF_-_895249	895249	895269	-	5	21	ATG	TAG	0	0
mORF_-_895279	895279	895620	-	5	342	TTG	TAA	0	0
mORF_-_895344	895344	895454	-	4	111	ATG	TAA	0	0
mORF_-_895451	895451	895498	-	6	48	ATG	TGA	0	0
mORF_-_895541	895541	895549	-	6	9	GTG	TAG	0	0
mORF_-_895551	895551	895595	-	4	45	GTG	TAA	0	0
mORF_-_895598	895598	895687	-	6	90	ATG	TAA	0	0
mORF_-_895696	895696	895734	-	5	39	GTG	TAA	0	0
mORF_-_895809	895809	895838	-	4	30	TTG	TAA	0	0
mORF_-_895828	895828	895902	-	5	75	ATG	TAA	0	0
mORF_-_895881	895881	895907	-	4	27	TTG	TGA	0	0
mORF_-_895917	895917	895928	-	4	12	ATG	TAA	0	0
mORF_-_895949	895949	896026	-	6	78	GTG	TAA	0	0
mORF_-_895989	895989	896276	-	4	288	TTG	TAA	0	0
mORF_-_896176	896176	896184	-	5	9	TTG	TAG	0	0

mORF_-_896248	896248	896304	-	5	57	GTG	TAG	0	0	
mORF_-_896365	896365	896385	-	5	21	TTG	TAA	0	0	
mORF_-_896402	896402	896656	-	6	255	GTG	TAG	0	0	
mORF_-_896410	896410	896517	-	5	108	TTG	TAA	0	0	
mORF_-_896557	896557	896604	-	5	48	TTG	TAG	0	0	
mORF_-_896676	896676	896747	-	4	72	ATG	TAA	0	0	
mORF_-_896693	896693	896752	-	6	60	GTG	TGA	0	0	
mORF_-_896765	896765	897130	-	6	366	ATG	TAA	0	0	
mORF_-_896779	896779	896790	-	5	12	TTG	TAA	0	0	
mORF_-_896982	896982	897158	-	4	177	GTG	TAA	0	0	
mORF_-_897031	897031	897048	-	5	18	ATG	TGA	0	0	
mORF_-_897079	897079	897213	-	5	135	ATG	TAA	0	0	
mORF_-_897177	897177	897194	-	4	18	ATG	TAG	0	0	
mORF_-_897237	897237	897254	-	4	18	ATG	TAA	0	0	
mORF_-_897251	897251	897394	-	6	144	TTG	TGA	0	0	
mORF_-_897256	897256	897378	-	5	123	ATG	TGA	0	0	
mORF_-_897379	897379	897519	-	5	141	GTG	TGA	0	0	
mORF_-_897441	897441	897512	-	4	72	GTG	TGA	0	0	
mORF_-_897497	897497	897514	-	6	18	TTG	TAG	0	0	
mORF_-_897516	897516	897527	-	4	12	TTG	TGA	0	0	
mORF_-_897559	897559	897753	-	5	195	GTG	TAA	0	0	
mORF_-_897573	897573	897593	-	4	21	TTG	TGA	0	0	
mORF_-_897590	897590	897697	-	6	108	TTG	TGA	0	0	
mORF_-_897642	897642	897812	-	4	171	TTG	TGA	0	0	
mORF_-_897782	897782	897979	-	6	198	GTG	TGA	0	0	
mORF_-_897835	897835	898020	-	5	186	ATG	TAA	0	0	
mORF_-_897885	897885	897968	-	4	84	ATG	TGA	0	0	
mORF_-_898068	898068	898190	-	4	123	TTG	TAA	0	0	
mORF_-_898076	898076	898252	-	6	177	TTG	TAG	0	0	
mORF_-_898212	898212	898223	-	4	12	TTG	TAA	0	0	
mORF_-_898224	898224	898448	-	4	225	ATG	TAG	0	0	
mORF_-_898276	898276	898320	-	5	45	GTG	TAA	0	0	
mORF_-_898298	898298	898543	-	6	246	ATG	TAG	0	0	
mORF_-_898441	898441	898554	-	5	114	TTG	TAA	0	0	
mORF_-_898485	898485	898490	-	4	6	GTG	TAA	0	0	
mORF_-_898578	898578	898592	-	4	15	TTG	TAA	0	0	
mORF_-_898595	898595	898612	-	6	18	GTG	TGA	0	0	
mORF_-_898613	898613	898624	-	6	12	GTG	TGA	0	0	
mORF_-_898628	898628	898678	-	6	51	ATG	TGA	0	0	
mORF_-_898657	898657	898716	-	5	60	GTG	TAA	0	0	
mORF_-_898697	898697	898729	-	6	33	ATG	TAA	0	0	
mORF_-_898704	898704	899042	-	4	339	TTG	TGA	0	0	
mORF_-_898835	898835	898879	-	6	45	ATG	TAG	0	0	
mORF_-_898888	898888	898902	-	5	15	TTG	TGA	0	0	
mORF_-_898915	898915	898980	-	5	66	ATG	TAA	0	0	
mORF_-_898949	898949	898954	-	6	6	TTG	TAG	0	0	
mORF_-_898967	898967	899011	-	6	45	ATG	TGA	0	0	
mORF_-_899011	899011	899082	-	5	72	GTG	TGA	0	0	
mORF_-_899039	899039	899089	-	6	51	GTG	TGA	0	0	
mORF_-_899067	899067	899849	-	4	783	ATG	TAA	71	2234	pORF_-_899067
mORF_-_899138	899138	899197	-	6	60	TTG	TGA	0	0	
mORF_-_899213	899213	899236	-	6	24	TTG	TGA	0	0	
mORF_-_899221	899221	899259	-	5	39	ATG	TGA	0	0	
mORF_-_899264	899264	899305	-	6	42	ATG	TAA	0	0	
mORF_-_899309	899309	899341	-	6	33	ATG	TGA	0	0	
mORF_-_899354	899354	899413	-	6	60	TTG	TGA	0	0	
mORF_-_899426	899426	899464	-	6	39	TTG	TGA	0	0	
mORF_-_899465	899465	899485	-	6	21	ATG	TGA	0	0	
mORF_-_899546	899546	899557	-	6	12	ATG	TAA	0	0	
mORF_-_899582	899582	899686	-	6	105	GTG	TGA	0	0	
mORF_-_899602	899602	899637	-	5	36	GTG	TAA	0	0	
mORF_-_899687	899687	899782	-	6	96	TTG	TAG	0	0	
mORF_-_899695	899695	899868	-	5	174	TTG	TGA	0	0	

mORF_-_899822	899822	899884	-	6	63	TTG	TAA	0	0	
mORF_-_899865	899865	899951	-	4	87	ATG	TGA	0	0	
mORF_-_899875	899875	899928	-	5	54	TTG	TAA	0	0	
mORF_-_899951	899951	900013	-	6	63	GTG	TAA	0	0	
mORF_-_899961	899961	900089	-	4	129	ATG	TAA	0	0	
mORF_-_899968	899968	900000	-	5	33	ATG	TAG	0	0	
mORF_-_900055	900055	900087	-	5	33	GTG	TAG	0	0	
mORF_-_900089	900089	900757	-	6	669	ATG	TAA	0	0	
mORF_-_900145	900145	900186	-	5	42	GTG	TGA	0	0	
mORF_-_900196	900196	900201	-	5	6	ATG	TAA	0	0	
mORF_-_900247	900247	900333	-	5	87	ATG	TGA	0	0	
mORF_-_900367	900367	900453	-	5	87	GTG	TGA	0	0	
mORF_-_900381	900381	900395	-	4	15	GTG	TAG	0	0	
mORF_-_900453	900453	900623	-	4	171	GTG	TAG	0	0	
mORF_-_900457	900457	900471	-	5	15	TTG	TGA	0	0	
mORF_-_900472	900472	900480	-	5	9	GTG	TGA	0	0	
mORF_-_900676	900676	900687	-	5	12	TTG	TGA	0	0	
mORF_-_900688	900688	900699	-	5	12	TTG	TGA	0	0	
mORF_-_900733	900733	900753	-	5	21	TTG	TGA	0	0	
mORF_-_900750	900750	900797	-	4	48	TTG	TGA	0	0	
mORF_-_900757	900757	901473	-	5	717	ATG	TAA	1	2	pORF_-_900757
mORF_-_900831	900831	900857	-	4	27	TTG	TGA	0	0	
mORF_-_900912	900912	900920	-	4	9	ATG	TAA	0	0	
mORF_-_900921	900921	900926	-	4	6	GTG	TGA	0	0	
mORF_-_900926	900926	900970	-	6	45	GTG	TAG	0	0	
mORF_-_900954	900954	900995	-	4	42	ATG	TGA	0	0	
mORF_-_900974	900974	901159	-	6	186	TTG	TAA	0	0	
mORF_-_901092	901092	901238	-	4	147	ATG	TGA	0	0	
mORF_-_901184	901184	901417	-	6	234	TTG	TGA	0	0	
mORF_-_901248	901248	901310	-	4	63	GTG	TGA	0	0	
mORF_-_901320	901320	901406	-	4	87	TTG	TAA	0	0	
mORF_-_901407	901407	901424	-	4	18	TTG	TGA	0	0	
mORF_-_901452	901452	901469	-	4	18	ATG	TAG	0	0	
mORF_-_901466	901466	901495	-	6	30	ATG	TGA	0	0	
mORF_-_901473	901473	901523	-	4	51	ATG	TGA	0	0	
mORF_-_901480	901480	902211	-	5	732	ATG	TAA	59	645	pORF_-_901480
mORF_-_901658	901658	901672	-	6	15	GTG	TAA	0	0	
mORF_-_901665	901665	901754	-	4	90	ATG	TGA	0	0	
mORF_-_901839	901839	901931	-	4	93	GTG	TGA	0	0	
mORF_-_901995	901995	902183	-	4	189	TTG	TGA	0	0	
mORF_-_902045	902045	902050	-	6	6	GTG	TAA	0	0	
mORF_-_902184	902184	902195	-	4	12	TTG	TAA	0	0	
mORF_-_902229	902229	903056	-	4	828	TTG	TAA	13	69	pORF_-_902229
mORF_-_902297	902297	902356	-	6	60	TTG	TAG	0	0	
mORF_-_902372	902372	902461	-	6	90	ATG	TGA	0	0	
mORF_-_902489	902489	902596	-	6	108	GTG	TGA	0	0	
mORF_-_902618	902618	902647	-	6	30	TTG	TGA	0	0	
mORF_-_902644	902644	902679	-	5	36	GTG	TGA	0	0	
mORF_-_902666	902666	902857	-	6	192	TTG	TGA	0	0	
mORF_-_902836	902836	902931	-	5	96	TTG	TAA	0	0	
mORF_-_903040	903040	903063	-	5	24	ATG	TAA	0	0	
mORF_-_903047	903047	903124	-	6	78	ATG	TAA	0	0	
mORF_-_903063	903063	903131	-	4	69	GTG	TAA	0	0	
mORF_-_903067	903067	903084	-	5	18	TTG	TGA	0	0	
mORF_-_903128	903128	903145	-	6	18	TTG	TGA	0	0	
mORF_-_903156	903156	903218	-	4	63	ATG	TAA	0	0	
mORF_-_903175	903175	903690	-	5	516	ATG	TAA	16	117	pORF_-_903175
mORF_-_903224	903224	903262	-	6	39	GTG	TAG	0	0	
mORF_-_903231	903231	903245	-	4	15	ATG	TAG	0	0	
mORF_-_903279	903279	903377	-	4	99	TTG	TAA	0	0	
mORF_-_903287	903287	903298	-	6	12	TTG	TGA	0	0	
mORF_-_903426	903426	903461	-	4	36	ATG	TGA	0	0	
mORF_-_903489	903489	903641	-	4	153	GTG	TGA	0	0	

mORF_-_903578	903578	903586	-	6	9	TTG	TGA	0	0	
mORF_-_903672	903672	903821	-	4	150	TTG	TGA	0	0	
mORF_-_903763	903763	903804	-	5	42	TTG	TGA	0	0	
mORF_-_903794	903794	903904	-	6	111	TTG	TAA	0	0	
mORF_-_903826	903826	903987	-	5	162	GTG	TAG	0	0	
mORF_-_904008	904008	904082	-	4	75	TTG	TAA	0	0	
mORF_-_904108	904108	904203	-	5	96	ATG	TGA	0	0	
mORF_-_904172	904172	904633	-	6	462	ATG	TAA	0	0	
mORF_-_904222	904222	904266	-	5	45	ATG	TGA	0	0	
mORF_-_904266	904266	904322	-	4	57	GTG	TAA	0	0	
mORF_-_904285	904285	904290	-	5	6	GTG	TAG	0	0	
mORF_-_904338	904338	904370	-	4	33	GTG	TGA	0	0	
mORF_-_904348	904348	904488	-	5	141	ATG	TAA	0	0	
mORF_-_904440	904440	904460	-	4	21	TTG	TAA	0	0	
mORF_-_904479	904479	904556	-	4	78	GTG	TAG	0	0	
mORF_-_904569	904569	904577	-	4	9	GTG	TAA	0	0	
mORF_-_904603	904603	904656	-	5	54	TTG	TGA	0	0	
mORF_-_904608	904608	904673	-	4	66	ATG	TGA	0	0	
mORF_-_904673	904673	904765	-	6	93	GTG	TAA	0	0	
mORF_-_904734	904734	904787	-	4	54	ATG	TAA	0	0	
mORF_-_904741	904741	904767	-	5	27	GTG	TAA	0	0	
mORF_-_904784	904784	904879	-	6	96	ATG	TGA	0	0	
mORF_-_904821	904821	904838	-	4	18	GTG	TAA	0	0	
mORF_-_904860	904860	905021	-	4	162	ATG	TAA	0	0	
mORF_-_904963	904963	906039	-	5	1077	TTG	TAA	1	3	pORF_-_904963
mORF_-_905046	905046	905087	-	4	42	TTG	TAG	0	0	
mORF_-_905169	905169	905213	-	4	45	TTG	TGA	0	0	
mORF_-_905229	905229	905354	-	4	126	ATG	TGA	0	0	
mORF_-_905303	905303	905332	-	6	30	GTG	TAA	0	0	
mORF_-_905361	905361	905387	-	4	27	ATG	TGA	0	0	
mORF_-_905526	905526	905777	-	4	252	TTG	TGA	0	0	
mORF_-_905654	905654	905680	-	6	27	ATG	TAA	0	0	
mORF_-_905708	905708	905767	-	6	60	GTG	TAA	0	0	
mORF_-_905795	905795	905917	-	6	123	ATG	TAA	0	0	
mORF_-_905820	905820	905837	-	4	18	TTG	TGA	0	0	
mORF_-_905973	905973	906032	-	4	60	ATG	TGA	0	0	
mORF_-_905978	905978	906049	-	6	72	ATG	TGA	0	0	
mORF_-_906075	906075	907580	-	4	1506	TTG	TAA	0	0	
mORF_-_906152	906152	906208	-	6	57	ATG	TGA	0	0	
mORF_-_906241	906241	906249	-	5	9	GTG	TAG	0	0	
mORF_-_906272	906272	906316	-	6	45	TTG	TGA	0	0	
mORF_-_906317	906317	906340	-	6	24	ATG	TGA	0	0	
mORF_-_906385	906385	906426	-	5	42	GTG	TAA	0	0	
mORF_-_906407	906407	906439	-	6	33	TTG	TGA	0	0	
mORF_-_906454	906454	906483	-	5	30	ATG	TAA	0	0	
mORF_-_906473	906473	906565	-	6	93	TTG	TAG	0	0	
mORF_-_906620	906620	906643	-	6	24	ATG	TGA	0	0	
mORF_-_906653	906653	906691	-	6	39	ATG	TGA	0	0	
mORF_-_906688	906688	906774	-	5	87	GTG	TGA	0	0	
mORF_-_906758	906758	906763	-	6	6	ATG	TGA	0	0	
mORF_-_906830	906830	906850	-	6	21	TTG	TGA	0	0	
mORF_-_906920	906920	906961	-	6	42	TTG	TAG	0	0	
mORF_-_906998	906998	907060	-	6	63	TTG	TAA	0	0	
mORF_-_907085	907085	907156	-	6	72	ATG	TGA	0	0	
mORF_-_907187	907187	907480	-	6	294	GTG	TAA	0	0	
mORF_-_907354	907354	907362	-	5	9	TTG	TAA	0	0	
mORF_-_907516	907516	908517	-	5	1002	ATG	TAA	29	219	pORF_-_907516
mORF_-_907587	907587	907601	-	4	15	TTG	TGA	0	0	
mORF_-_907647	907647	907682	-	4	36	TTG	TAG	0	0	
mORF_-_907707	907707	907781	-	4	75	TTG	TGA	0	0	
mORF_-_907791	907791	907844	-	4	54	GTG	TGA	0	0	
mORF_-_907848	907848	907955	-	4	108	GTG	TGA	0	0	
mORF_-_907889	907889	907939	-	6	51	TTG	TAA	0	0	

mORF_-_907952	907952	907957	-	6	6	TTG	TGA	0	0	
mORF_-_907974	907974	908027	-	4	54	ATG	TGA	0	0	
mORF_-_908021	908021	908062	-	6	42	ATG	TGA	0	0	
mORF_-_908208	908208	908444	-	4	237	TTG	TAG	0	0	
mORF_-_908457	908457	908513	-	4	57	TTG	TGA	0	0	
mORF_-_908510	908510	908548	-	6	39	GTG	TGA	0	0	
mORF_-_908514	908514	908522	-	4	9	ATG	TGA	0	0	
mORF_-_908554	908554	910272	-	5	1719	ATG	TAA	31	97	pORF_-_908554
mORF_-_908586	908586	908597	-	4	12	GTG	TGA	0	0	
mORF_-_908676	908676	908753	-	4	78	TTG	TAG	0	0	
mORF_-_908756	908756	908794	-	6	39	GTG	TGA	0	0	
mORF_-_908769	908769	908813	-	4	45	TTG	TAG	0	0	
mORF_-_908844	908844	908855	-	4	12	GTG	TGA	0	0	
mORF_-_908862	908862	908909	-	4	48	TTG	TGA	0	0	
mORF_-_908955	908955	909023	-	4	69	GTG	TGA	0	0	
mORF_-_908963	908963	908983	-	6	21	GTG	TAG	0	0	
mORF_-_909062	909062	909118	-	6	57	GTG	TAA	0	0	
mORF_-_909099	909099	909167	-	4	69	TTG	TAA	0	0	
mORF_-_909225	909225	909419	-	4	195	ATG	TAG	0	0	
mORF_-_909522	909522	909614	-	4	93	TTG	TGA	0	0	
mORF_-_909615	909615	909650	-	4	36	GTG	TAG	0	0	
mORF_-_909623	909623	909652	-	6	30	GTG	TAA	0	0	
mORF_-_909720	909720	909740	-	4	21	ATG	TGA	0	0	
mORF_-_909777	909777	909980	-	4	204	TTG	TAA	0	0	
mORF_-_909821	909821	909892	-	6	72	TTG	TAA	0	0	
mORF_-_909899	909899	910054	-	6	156	GTG	TAG	0	0	
mORF_-_910029	910029	910175	-	4	147	GTG	TAA	0	0	
mORF_-_910094	910094	910144	-	6	51	GTG	TGA	0	0	
mORF_-_910175	910175	910282	-	6	108	ATG	TAG	0	0	
mORF_-_910218	910218	910259	-	4	42	TTG	TGA	0	0	
mORF_-_910269	910269	910307	-	4	39	TTG	TGA	0	0	
mORF_-_910310	910310	910390	-	6	81	ATG	TAA	0	0	
mORF_-_910315	910315	910356	-	5	42	GTG	TGA	0	0	
mORF_-_910356	910356	910397	-	4	42	ATG	TAG	0	0	
mORF_-_910405	910405	911379	-	5	975	TTG	TAA	0	0	
mORF_-_910497	910497	910613	-	4	117	TTG	TGA	0	0	
mORF_-_910529	910529	910543	-	6	15	TTG	TAA	0	0	
mORF_-_910703	910703	910750	-	6	48	TTG	TAA	0	0	
mORF_-_910794	910794	910808	-	4	15	GTG	TAG	0	0	
mORF_-_910878	910878	910916	-	4	39	ATG	TAA	0	0	
mORF_-_910889	910889	910897	-	6	9	GTG	TAA	0	0	
mORF_-_910941	910941	911099	-	4	159	GTG	TGA	0	0	
mORF_-_911096	911096	911125	-	6	30	GTG	TGA	0	0	
mORF_-_911106	911106	911111	-	4	6	ATG	TAA	0	0	
mORF_-_911118	911118	911147	-	4	30	TTG	TGA	0	0	
mORF_-_911160	911160	911177	-	4	18	GTG	TGA	0	0	
mORF_-_911174	911174	911353	-	6	180	ATG	TGA	0	0	
mORF_-_911178	911178	911249	-	4	72	ATG	TGA	0	0	
mORF_-_911286	911286	911306	-	4	21	ATG	TGA	0	0	
mORF_-_911385	911385	913043	-	4	1659	GTG	TAA	0	0	
mORF_-_911405	911405	911419	-	6	15	TTG	TGA	0	0	
mORF_-_911537	911537	911677	-	6	141	ATG	TGA	0	0	
mORF_-_911662	911662	911667	-	5	6	ATG	TAA	0	0	
mORF_-_911678	911678	911740	-	6	63	GTG	TAG	0	0	
mORF_-_911756	911756	911860	-	6	105	GTG	TGA	0	0	
mORF_-_911864	911864	911875	-	6	12	TTG	TGA	0	0	
mORF_-_911876	911876	912061	-	6	186	ATG	TGA	0	0	
mORF_-_912101	912101	912238	-	6	138	ATG	TGA	0	0	
mORF_-_912238	912238	912312	-	5	75	ATG	TAA	0	0	
mORF_-_912302	912302	912382	-	6	81	ATG	TGA	0	0	
mORF_-_912364	912364	912432	-	5	69	GTG	TAA	0	0	
mORF_-_912407	912407	912436	-	6	30	TTG	TGA	0	0	
mORF_-_912433	912433	912474	-	5	42	GTG	TGA	0	0	

mORF_-_912446	912446	912556	-	6	111	GTG	TGA	0	0
mORF_-_912484	912484	912576	-	5	93	GTG	TAA	0	0
mORF_-_912560	912560	912607	-	6	48	TTG	TGA	0	0
mORF_-_912674	912674	912721	-	6	48	ATG	TGA	0	0
mORF_-_912700	912700	912735	-	5	36	ATG	TAA	0	0
mORF_-_912743	912743	912787	-	6	45	TTG	TGA	0	0
mORF_-_912815	912815	912880	-	6	66	GTG	TGA	0	0
mORF_-_912887	912887	913030	-	6	144	GTG	TAA	0	0
mORF_-_912958	912958	912966	-	5	9	GTG	TAA	0	0
mORF_-_913018	913018	913071	-	5	54	ATG	TGA	0	0
mORF_-_913040	913040	913045	-	6	6	GTG	TGA	0	0
mORF_-_913061	913061	913117	-	6	57	ATG	TAA	0	0
mORF_-_913089	913089	913121	-	4	33	TTG	TAA	0	0
mORF_-_913139	913139	913147	-	6	9	TTG	TAA	0	0
mORF_-_913181	913181	914128	-	6	948	GTG	TAA	0	0
mORF_-_913213	913213	913314	-	5	102	GTG	TAG	0	0
mORF_-_913221	913221	913319	-	4	99	ATG	TAG	0	0
mORF_-_913363	913363	913377	-	5	15	TTG	TGA	0	0
mORF_-_913378	913378	913398	-	5	21	ATG	TGA	0	0
mORF_-_913420	913420	913431	-	5	12	TTG	TAA	0	0
mORF_-_913441	913441	913515	-	5	75	TTG	TGA	0	0
mORF_-_913531	913531	913542	-	5	12	TTG	TAA	0	0
mORF_-_913543	913543	913575	-	5	33	TTG	TAA	0	0
mORF_-_913576	913576	913599	-	5	24	TTG	TGA	0	0
mORF_-_913612	913612	913641	-	5	30	TTG	TGA	0	0
mORF_-_913660	913660	913710	-	5	51	GTG	TAA	0	0
mORF_-_913671	913671	913838	-	4	168	GTG	TGA	0	0
mORF_-_913711	913711	913731	-	5	21	TTG	TAA	0	0
mORF_-_913753	913753	913776	-	5	24	TTG	TAA	0	0
mORF_-_913840	913840	913851	-	5	12	TTG	TGA	0	0
mORF_-_913854	913854	913859	-	4	6	GTG	TAA	0	0
mORF_-_913992	913992	914126	-	4	135	GTG	TAA	0	0
mORF_-_914002	914002	914043	-	5	42	TTG	TAA	0	0
mORF_-_914128	914128	914160	-	5	33	TTG	TAG	0	0
mORF_-_914161	914161	914208	-	5	48	ATG	TAA	0	0
mORF_-_914209	914209	914382	-	5	174	GTG	TAA	0	0
mORF_-_914228	914228	914302	-	6	75	ATG	TAA	0	0
mORF_-_914232	914232	914237	-	4	6	TTG	TAA	0	0
mORF_-_914259	914259	914300	-	4	42	GTG	TGA	0	0
mORF_-_914336	914336	914506	-	6	171	TTG	TAA	0	0
mORF_-_914482	914482	914532	-	5	51	ATG	TAA	0	0
mORF_-_914487	914487	914552	-	4	66	ATG	TGA	0	0
mORF_-_914571	914571	914582	-	4	12	GTG	TAA	0	0
mORF_-_914575	914575	915279	-	5	705	GTG	TAA	0	0
mORF_-_914579	914579	914656	-	6	78	GTG	TGA	0	0
mORF_-_914607	914607	914633	-	4	27	TTG	TGA	0	0
mORF_-_914664	914664	914693	-	4	30	TTG	TAG	0	0
mORF_-_914760	914760	914789	-	4	30	TTG	TAA	0	0
mORF_-_914826	914826	914846	-	4	21	GTG	TGA	0	0
mORF_-_914847	914847	914861	-	4	15	TTG	TGA	0	0
mORF_-_914862	914862	914966	-	4	105	TTG	TAG	0	0
mORF_-_914954	914954	915061	-	6	108	ATG	TAA	0	0
mORF_-_914967	914967	915014	-	4	48	TTG	TAA	0	0
mORF_-_915015	915015	915116	-	4	102	TTG	TAA	0	0
mORF_-_915135	915135	915170	-	4	36	TTG	TGA	0	0
mORF_-_915174	915174	915242	-	4	69	TTG	TAG	0	0
mORF_-_915206	915206	915247	-	6	42	ATG	TAG	0	0
mORF_-_915255	915255	915281	-	4	27	TTG	TAG	0	0
mORF_-_915359	915359	915388	-	6	30	GTG	TAG	0	0
mORF_-_915364	915364	915384	-	5	21	ATG	TAA	0	0
mORF_-_915381	915381	915473	-	4	93	GTG	TGA	0	0
mORF_-_915416	915416	915448	-	6	33	ATG	TAA	0	0
mORF_-_915445	915445	915477	-	5	33	TTG	TGA	0	0

mORF_-_915483	915483	915638	-	4	156	TTG	TAA	0	0	
mORF_-_915578	915578	915589	-	6	12	ATG	TAA	0	0	
mORF_-_915586	915586	915600	-	5	15	ATG	TGA	0	0	
mORF_-_915593	915593	915628	-	6	36	GTG	TGA	0	0	
mORF_-_915625	915625	915678	-	5	54	GTG	TGA	0	0	
mORF_-_915650	915650	915769	-	6	120	TTG	TAA	0	0	
mORF_-_915675	915675	915764	-	4	90	TTG	TGA	0	0	
mORF_-_915843	915843	916142	-	4	300	ATG	TGA	0	0	
mORF_-_915851	915851	915898	-	6	48	TTG	TAG	0	0	
mORF_-_915922	915922	916074	-	5	153	GTG	TAA	0	0	
mORF_-_915971	915971	916006	-	6	36	GTG	TAA	0	0	
mORF_-_916123	916123	916137	-	5	15	GTG	TAA	0	0	
mORF_-_916130	916130	916240	-	6	111	GTG	TGA	1	11	pORF_-_916130
mORF_-_916186	916186	916218	-	5	33	TTG	TAA	0	0	
mORF_-_916237	916237	916329	-	5	93	TTG	TGA	0	0	
mORF_-_916278	916278	916349	-	4	72	ATG	TGA	0	0	
mORF_-_916349	916349	916411	-	6	63	TTG	TAA	0	0	
mORF_-_916389	916389	916418	-	4	30	TTG	TAA	0	0	
mORF_-_916430	916430	916786	-	6	357	ATG	TAG	1	3	pORF_-_916430
mORF_-_916507	916507	916560	-	5	54	ATG	TAG	0	0	
mORF_-_916590	916590	916595	-	4	6	GTG	TAA	0	0	
mORF_-_916600	916600	916641	-	5	42	ATG	TAA	0	0	
mORF_-_916608	916608	916622	-	4	15	ATG	TGA	0	0	
mORF_-_916683	916683	916796	-	4	114	GTG	TAA	0	0	
mORF_-_916793	916793	916876	-	6	84	TTG	TGA	0	0	
mORF_-_916804	916804	916830	-	5	27	GTG	TAA	0	0	
mORF_-_916815	916815	916904	-	4	90	ATG	TGA	0	0	
mORF_-_916901	916901	917248	-	6	348	ATG	TGA	0	0	
mORF_-_916927	916927	916959	-	5	33	GTG	TGA	0	0	
mORF_-_916950	916950	917087	-	4	138	ATG	TAG	0	0	
mORF_-_917097	917097	917168	-	4	72	TTG	TAA	0	0	
mORF_-_917193	917193	917222	-	4	30	ATG	TAG	0	0	
mORF_-_917203	917203	917448	-	5	246	TTG	TAA	0	0	
mORF_-_917351	917351	918343	-	6	993	ATG	TAA	7	40	pORF_-_917351
mORF_-_917461	917461	917607	-	5	147	TTG	TAG	0	0	
mORF_-_917496	917496	917501	-	4	6	ATG	TGA	0	0	
mORF_-_917592	917592	917729	-	4	138	ATG	TGA	0	0	
mORF_-_917617	917617	917637	-	5	21	TTG	TAG	0	0	
mORF_-_917656	917656	917847	-	5	192	GTG	TGA	0	0	
mORF_-_917778	917778	917783	-	4	6	GTG	TGA	0	0	
mORF_-_917875	917875	917883	-	5	9	TTG	TGA	0	0	
mORF_-_917880	917880	917975	-	4	96	ATG	TGA	0	0	
mORF_-_917941	917941	918042	-	5	102	TTG	TGA	0	0	
mORF_-_918085	918085	918096	-	5	12	ATG	TAA	0	0	
mORF_-_918102	918102	918131	-	4	30	GTG	TAA	0	0	
mORF_-_918124	918124	918135	-	5	12	TTG	TGA	0	0	
mORF_-_918154	918154	918225	-	5	72	GTG	TGA	0	0	
mORF_-_918204	918204	918218	-	4	15	GTG	TAA	0	0	
mORF_-_918304	918304	918315	-	5	12	TTG	TGA	0	0	
mORF_-_918312	918312	918359	-	4	48	TTG	TGA	0	0	
mORF_-_918352	918352	918366	-	5	15	TTG	TAA	0	0	
mORF_-_918390	918390	918437	-	4	48	ATG	TAA	0	0	
mORF_-_918487	918487	918513	-	5	27	ATG	TAA	0	0	
mORF_-_918543	918543	918551	-	4	9	GTG	TAA	0	0	
mORF_-_918593	918593	918601	-	6	9	TTG	TAA	0	0	
mORF_-_918759	918759	918884	-	4	126	GTG	TAA	0	0	
mORF_-_918788	918788	918868	-	6	81	TTG	TAG	0	0	
mORF_-_918850	918850	918966	-	5	117	TTG	TGA	0	0	
mORF_-_918881	918881	919231	-	6	351	TTG	TGA	0	0	
mORF_-_918967	918967	918996	-	5	30	TTG	TGA	0	0	
mORF_-_919003	919003	919125	-	5	123	ATG	TAA	0	0	
mORF_-_919047	919047	919091	-	4	45	GTG	TGA	0	0	
mORF_-_919191	919191	919211	-	4	21	GTG	TAA	0	0	

mORF_-_919219	919219	919236	-	5	18	TTG	TAG	0	0	
mORF_-_919244	919244	919348	-	6	105	ATG	TAG	0	0	
mORF_-_919282	919282	919311	-	5	30	TTG	TAA	0	0	
mORF_-_919351	919351	919359	-	5	9	GTG	TGA	0	0	
mORF_-_919397	919397	919570	-	6	174	TTG	TAA	0	0	
mORF_-_919423	919423	919554	-	5	132	TTG	TAA	0	0	
mORF_-_919431	919431	919484	-	4	54	GTG	TGA	0	0	
mORF_-_919509	919509	919568	-	4	60	GTG	TGA	0	0	
mORF_-_919588	919588	919869	-	5	282	ATG	TAA	1	9	pORF_-_919588
mORF_-_919608	919608	919649	-	4	42	ATG	TAG	0	0	
mORF_-_919662	919662	919760	-	4	99	GTG	TAA	0	0	
mORF_-_919776	919776	919790	-	4	15	GTG	TGA	0	0	
mORF_-_919838	919838	919999	-	6	162	GTG	TAA	0	0	
mORF_-_919870	919870	920175	-	5	306	GTG	TAA	0	0	
mORF_-_920013	920013	920033	-	4	21	ATG	TGA	0	0	
mORF_-_920027	920027	920092	-	6	66	GTG	TGA	0	0	
mORF_-_920133	920133	920171	-	4	39	GTG	TGA	0	0	
mORF_-_920193	920193	920459	-	4	267	TTG	TGA	0	0	
mORF_-_920330	920330	920353	-	6	24	ATG	TAA	0	0	
mORF_-_920386	920386	920547	-	5	162	TTG	TAA	0	0	
mORF_-_920501	920501	920617	-	6	117	GTG	TAG	0	0	
mORF_-_920550	920550	920615	-	4	66	GTG	TGA	0	0	
mORF_-_920575	920575	920595	-	5	21	TTG	TAA	0	0	
mORF_-_920608	920608	920814	-	5	207	ATG	TGA	0	0	
mORF_-_920646	920646	920678	-	4	33	TTG	TAA	0	0	
mORF_-_920706	920706	920735	-	4	30	GTG	TAG	0	0	
mORF_-_920742	920742	920870	-	4	129	ATG	TGA	0	0	
mORF_-_920929	920929	921033	-	5	105	TTG	TAG	0	0	
mORF_-_920934	920934	921440	-	4	507	GTG	TAA	0	0	
mORF_-_921035	921035	921052	-	6	18	GTG	TGA	0	0	
mORF_-_921049	921049	921060	-	5	12	GTG	TGA	0	0	
mORF_-_921077	921077	921124	-	6	48	GTG	TAA	0	0	
mORF_-_921130	921130	921135	-	5	6	TTG	TAA	0	0	
mORF_-_921197	921197	921343	-	6	147	GTG	TAA	0	0	
mORF_-_921208	921208	921279	-	5	72	TTG	TGA	0	0	
mORF_-_921356	921356	921400	-	6	45	GTG	TGA	0	0	
mORF_-_921437	921437	921553	-	6	117	ATG	TGA	0	0	
mORF_-_921460	921460	921573	-	5	114	GTG	TAA	0	0	
mORF_-_921561	921561	921575	-	4	15	TTG	TAA	0	0	
mORF_-_921589	921589	921843	-	5	255	TTG	TAG	10	13	pORF_-_921589
mORF_-_921606	921606	921665	-	4	60	TTG	TAG	0	0	
mORF_-_921687	921687	921971	-	4	285	TTG	TAA	0	0	
mORF_-_921752	921752	921793	-	6	42	GTG	TGA	0	0	
mORF_-_921794	921794	921832	-	6	39	TTG	TAA	0	0	
mORF_-_921881	921881	921895	-	6	15	TTG	TGA	0	0	
mORF_-_921898	921898	921909	-	5	12	TTG	TAG	0	0	
mORF_-_921919	921919	921939	-	5	21	ATG	TAA	0	0	
mORF_-_921968	921968	922051	-	6	84	ATG	TGA	0	0	
mORF_-_922041	922041	922211	-	4	171	ATG	TAA	0	0	
mORF_-_922085	922085	922171	-	6	87	TTG	TGA	0	0	
mORF_-_922168	922168	922236	-	5	69	TTG	TGA	0	0	
mORF_-_922243	922243	922248	-	5	6	GTG	TAA	0	0	
mORF_-_922263	922263	922310	-	4	48	TTG	TAA	0	0	
mORF_-_922274	922274	922426	-	6	153	ATG	TAA	0	0	
mORF_-_922333	922333	922494	-	5	162	TTG	TAG	0	0	
mORF_-_922362	922362	922466	-	4	105	ATG	TAA	0	0	
mORF_-_922442	922442	922498	-	6	57	TTG	TAG	0	0	
mORF_-_922514	922514	922573	-	6	60	GTG	TAA	0	0	
mORF_-_922577	922577	922972	-	6	396	TTG	TAA	0	0	
mORF_-_922590	922590	922601	-	4	12	ATG	TGA	0	0	
mORF_-_922651	922651	922719	-	5	69	GTG	TGA	0	0	
mORF_-_922668	922668	922721	-	4	54	GTG	TAA	0	0	
mORF_-_922738	922738	922788	-	5	51	TTG	TGA	0	0	

mORF_-_922794	922794	922805	-	4	12	TTG	TAA	0	0	
mORF_-_922824	922824	922850	-	4	27	ATG	TAA	0	0	
mORF_-_922896	922896	922958	-	4	63	TTG	TAA	0	0	
mORF_-_922903	922903	923004	-	5	102	GTG	TGA	0	0	
mORF_-_923001	923001	923048	-	4	48	GTG	TGA	0	0	
mORF_-_923079	923079	923258	-	4	180	TTG	TAG	0	0	
mORF_-_923083	923083	923112	-	5	30	TTG	TGA	0	0	
mORF_-_923221	923221	923355	-	5	135	ATG	TAA	0	0	
mORF_-_923246	923246	923350	-	6	105	GTG	TAA	0	0	
mORF_-_923383	923383	923409	-	5	27	TTG	TGA	0	0	
mORF_-_923402	923402	923665	-	6	264	ATG	TAG	0	0	
mORF_-_923406	923406	923453	-	4	48	TTG	TGA	0	0	
mORF_-_923458	923458	923475	-	5	18	ATG	TGA	0	0	
mORF_-_923551	923551	923562	-	5	12	TTG	TGA	0	0	
mORF_-_923559	923559	923612	-	4	54	TTG	TGA	0	0	
mORF_-_923602	923602	923652	-	5	51	ATG	TAA	0	0	
mORF_-_923662	923662	923793	-	5	132	ATG	TGA	0	0	
mORF_-_923688	923688	923714	-	4	27	GTG	TAA	0	0	
mORF_-_923748	923748	923789	-	4	42	GTG	TAA	0	0	
mORF_-_923872	923872	923907	-	5	36	ATG	TGA	0	0	
mORF_-_923927	923927	924442	-	6	516	ATG	TAA	0	0	
mORF_-_923932	923932	924027	-	5	96	ATG	TGA	0	0	
mORF_-_924118	924118	924426	-	5	309	ATG	TGA	0	0	
mORF_-_924147	924147	924158	-	4	12	GTG	TGA	0	0	
mORF_-_924393	924393	924398	-	4	6	GTG	TAA	0	0	
mORF_-_924426	924426	924449	-	4	24	TTG	TAA	0	0	
mORF_-_924446	924446	924760	-	6	315	ATG	TGA	0	0	
mORF_-_924463	924463	924483	-	5	21	ATG	TGA	0	0	
mORF_-_924480	924480	924581	-	4	102	TTG	TGA	0	0	
mORF_-_924568	924568	924639	-	5	72	TTG	TAA	0	0	
mORF_-_924673	924673	924681	-	5	9	GTG	TGA	0	0	
mORF_-_924678	924678	924788	-	4	111	TTG	TGA	0	0	
mORF_-_924715	924715	924744	-	5	30	TTG	TAA	0	0	
mORF_-_924842	924842	925081	-	6	240	GTG	TGA	0	0	
mORF_-_924946	924946	924981	-	5	36	GTG	TAA	0	0	
mORF_-_924997	924997	925212	-	5	216	TTG	TAA	0	0	
mORF_-_925100	925100	925180	-	6	81	GTG	TAA	0	0	
mORF_-_925173	925173	925196	-	4	24	TTG	TGA	0	0	
mORF_-_925190	925190	925228	-	6	39	TTG	TGA	0	0	
mORF_-_925216	925216	925266	-	5	51	TTG	TGA	0	0	
mORF_-_925285	925285	925338	-	5	54	TTG	TAA	0	0	
mORF_-_925296	925296	925373	-	4	78	ATG	TGA	0	0	
mORF_-_925325	925325	925330	-	6	6	ATG	TAG	0	0	
mORF_-_925340	925340	925447	-	6	108	TTG	TAA	0	0	
mORF_-_925348	925348	925359	-	5	12	TTG	TAA	0	0	
mORF_-_925375	925375	925380	-	5	6	TTG	TGA	0	0	
mORF_-_925432	925432	925467	-	5	36	TTG	TGA	0	0	
mORF_-_925448	925448	925666	-	6	219	ATG	TGA	23	743	pORF_-_925448
mORF_-_925495	925495	925503	-	5	9	TTG	TGA	0	0	
mORF_-_925594	925594	925776	-	5	183	ATG	TAG	0	0	
mORF_-_925748	925748	925816	-	6	69	TTG	TAG	0	0	
mORF_-_925776	925776	926372	-	4	597	TTG	TAA	0	0	
mORF_-_925795	925795	925950	-	5	156	ATG	TAG	0	0	
mORF_-_925871	925871	925915	-	6	45	TTG	TAA	0	0	
mORF_-_925916	925916	925975	-	6	60	ATG	TAA	0	0	
mORF_-_925951	925951	926655	-	5	705	ATG	TGA	0	0	
mORF_-_926156	926156	926197	-	6	42	TTG	TAA	0	0	
mORF_-_926382	926382	926393	-	4	12	GTG	TGA	0	0	
mORF_-_926421	926421	926525	-	4	105	GTG	TGA	0	0	
mORF_-_926426	926426	926512	-	6	87	GTG	TAG	0	0	
mORF_-_926538	926538	926594	-	4	57	GTG	TAA	0	0	
mORF_-_926591	926591	926767	-	6	177	TTG	TGA	0	0	
mORF_-_926622	926622	926675	-	4	54	TTG	TAG	0	0	

mORF_-_926697	926697	928418	-	4	1722	ATG	TAA	7	30	pORF_-_926697
mORF_-_926837	926837	926854	-	6	18	GTG	TAA	0	0	
mORF_-_926858	926858	926902	-	6	45	ATG	TGA	0	0	
mORF_-_926903	926903	927013	-	6	111	GTG	TAG	0	0	
mORF_-_927010	927010	927021	-	5	12	TTG	TGA	0	0	
mORF_-_927014	927014	927196	-	6	183	ATG	TAG	0	0	
mORF_-_927220	927220	927291	-	5	72	ATG	TAA	0	0	
mORF_-_927329	927329	927391	-	6	63	ATG	TAA	0	0	
mORF_-_927401	927401	927424	-	6	24	GTG	TGA	0	0	
mORF_-_927467	927467	927523	-	6	57	GTG	TAA	0	0	
mORF_-_927527	927527	927547	-	6	21	TTG	TAA	0	0	
mORF_-_927544	927544	927630	-	5	87	GTG	TGA	0	0	
mORF_-_927554	927554	927580	-	6	27	TTG	TAG	0	0	
mORF_-_927581	927581	927610	-	6	30	TTG	TAA	0	0	
mORF_-_927647	927647	927658	-	6	12	TTG	TAG	0	0	
mORF_-_927694	927694	927723	-	5	30	ATG	TGA	0	0	
mORF_-_927740	927740	927772	-	6	33	TTG	TAG	0	0	
mORF_-_927842	927842	927871	-	6	30	GTG	TGA	0	0	
mORF_-_927902	927902	927946	-	6	45	TTG	TGA	0	0	
mORF_-_927977	927977	928042	-	6	66	ATG	TGA	0	0	
mORF_-_928169	928169	928276	-	6	108	TTG	TAA	0	0	
mORF_-_928180	928180	928374	-	5	195	ATG	TGA	0	0	
mORF_-_928337	928337	928360	-	6	24	TTG	TGA	0	0	
mORF_-_928364	928364	928474	-	6	111	GTG	TAA	0	0	
mORF_-_928419	928419	930185	-	4	1767	ATG	TAA	11	40	pORF_-_928419
mORF_-_928475	928475	928546	-	6	72	TTG	TAA	0	0	
mORF_-_928498	928498	928527	-	5	30	TTG	TGA	0	0	
mORF_-_928571	928571	928600	-	6	30	ATG	TAA	0	0	
mORF_-_928613	928613	928657	-	6	45	ATG	TAA	0	0	
mORF_-_928682	928682	928903	-	6	222	TTG	TAA	0	0	
mORF_-_928918	928918	928926	-	5	9	ATG	TAA	0	0	
mORF_-_929006	929006	929053	-	6	48	GTG	TGA	0	0	
mORF_-_929078	929078	929137	-	6	60	TTG	TGA	0	0	
mORF_-_929159	929159	929176	-	6	18	GTG	TAG	0	0	
mORF_-_929213	929213	929299	-	6	87	TTG	TGA	0	0	
mORF_-_929330	929330	929581	-	6	252	GTG	TGA	0	0	
mORF_-_929582	929582	929638	-	6	57	TTG	TAA	0	0	
mORF_-_929660	929660	929725	-	6	66	TTG	TAA	0	0	
mORF_-_929726	929726	929968	-	6	243	TTG	TGA	0	0	
mORF_-_929836	929836	929955	-	5	120	ATG	TAA	0	0	
mORF_-_929972	929972	930010	-	6	39	GTG	TGA	0	0	
mORF_-_930007	930007	930120	-	5	114	TTG	TGA	0	0	
mORF_-_930029	930029	930070	-	6	42	TTG	TGA	0	0	
mORF_-_930086	930086	930091	-	6	6	TTG	TGA	0	0	
mORF_-_930182	930182	930190	-	6	9	GTG	TGA	0	0	
mORF_-_930214	930214	930261	-	5	48	ATG	TAA	0	0	
mORF_-_930231	930231	930269	-	4	39	ATG	TAA	0	0	
mORF_-_930308	930308	931369	-	6	1062	TTG	TAA	67	1268	pORF_-_930308
mORF_-_930322	930322	930351	-	5	30	TTG	TAG	0	0	
mORF_-_930409	930409	930624	-	5	216	GTG	TGA	0	0	
mORF_-_930700	930700	930741	-	5	42	GTG	TGA	0	0	
mORF_-_930751	930751	930942	-	5	192	TTG	TGA	0	0	
mORF_-_930795	930795	930869	-	4	75	TTG	TGA	0	0	
mORF_-_930900	930900	930959	-	4	60	TTG	TGA	0	0	
mORF_-_930946	930946	930981	-	5	36	ATG	TGA	0	0	
mORF_-_930982	930982	931059	-	5	78	ATG	TGA	0	0	
mORF_-_931171	931171	931284	-	5	114	ATG	TGA	0	0	
mORF_-_931251	931251	931394	-	4	144	TTG	TAA	0	0	
mORF_-_931354	931354	931413	-	5	60	GTG	TAA	0	0	
mORF_-_931423	931423	931593	-	5	171	ATG	TAA	0	0	
mORF_-_931472	931472	931489	-	6	18	ATG	TAA	0	0	
mORF_-_931496	931496	931546	-	6	51	ATG	TAG	0	0	
mORF_-_931572	931572	932021	-	4	450	ATG	TAA	0	0	

mORF_-_931615	931615	931674	-	5	60	TTG	TAG	0	0
mORF_-_931625	931625	931672	-	6	48	GTG	TAG	0	0
mORF_-_931688	931688	931726	-	6	39	ATG	TGA	0	0
mORF_-_931723	931723	931812	-	5	90	TTG	TGA	0	0
mORF_-_931778	931778	931873	-	6	96	ATG	TGA	0	0
mORF_-_931921	931921	931944	-	5	24	TTG	TAG	0	0
mORF_-_932011	932011	932037	-	5	27	GTG	TAA	0	0
mORF_-_932021	932021	932098	-	6	78	TTG	TAA	0	0
mORF_-_932034	932034	932138	-	4	105	ATG	TGA	0	0
mORF_-_932056	932056	932076	-	5	21	GTG	TAA	0	0
mORF_-_932095	932095	932175	-	5	81	GTG	TGA	0	0
mORF_-_932190	932190	932411	-	4	222	ATG	TGA	0	0
mORF_-_932195	932195	932278	-	6	84	TTG	TAG	0	0
mORF_-_932239	932239	932256	-	5	18	ATG	TGA	0	0
mORF_-_932299	932299	932328	-	5	30	TTG	TAA	0	0
mORF_-_932345	932345	932371	-	6	27	TTG	TAA	0	0
mORF_-_932356	932356	932481	-	5	126	GTG	TAA	0	0
mORF_-_932478	932478	932489	-	4	12	TTG	TGA	0	0
mORF_-_932570	932570	932629	-	6	60	ATG	TAG	0	0
mORF_-_932633	932633	932746	-	6	114	ATG	TAA	0	0
mORF_-_932695	932695	932712	-	5	18	ATG	TAA	0	0
mORF_-_932746	932746	932766	-	5	21	ATG	TGA	0	0
mORF_-_932770	932770	933042	-	5	273	GTG	TAA	0	0
mORF_-_932817	932817	932840	-	4	24	TTG	TAA	0	0
mORF_-_932901	932901	932915	-	4	15	GTG	TAG	0	0
mORF_-_932906	932906	932911	-	6	6	TTG	TAG	0	0
mORF_-_932918	932918	932923	-	6	6	GTG	TAG	0	0
mORF_-_932979	932979	932993	-	4	15	ATG	TGA	0	0
mORF_-_933029	933029	933142	-	6	114	ATG	TAA	0	0
mORF_-_933039	933039	933149	-	4	111	GTG	TGA	0	0
mORF_-_933127	933127	933210	-	5	84	ATG	TGA	0	0
mORF_-_933176	933176	933229	-	6	54	TTG	TAG	0	0
mORF_-_933279	933279	933392	-	4	114	TTG	TAA	0	0
mORF_-_933283	933283	933429	-	5	147	GTG	TAG	0	0
mORF_-_933377	933377	933547	-	6	171	TTG	TAA	0	0
mORF_-_933423	933423	933503	-	4	81	GTG	TAG	0	0
mORF_-_933513	933513	933545	-	4	33	GTG	TAG	0	0
mORF_-_933561	933561	933782	-	4	222	GTG	TAA	0	0
mORF_-_933596	933596	933991	-	6	396	TTG	TGA	0	0
mORF_-_933706	933706	933771	-	5	66	GTG	TAA	0	0
mORF_-_933786	933786	933905	-	4	120	TTG	TAG	0	0
mORF_-_933988	933988	934029	-	5	42	TTG	TGA	0	0
mORF_-_934026	934026	934145	-	4	120	TTG	TGA	0	0
mORF_-_934164	934164	934175	-	4	12	TTG	TGA	0	0
mORF_-_934195	934195	934203	-	5	9	TTG	TGA	0	0
mORF_-_934200	934200	934253	-	4	54	TTG	TGA	0	0
mORF_-_934273	934273	934335	-	5	63	TTG	TAA	0	0
mORF_-_934281	934281	934628	-	4	348	GTG	TAA	0	0
mORF_-_934292	934292	935035	-	6	744	TTG	TGA	0	0
mORF_-_934354	934354	934362	-	5	9	TTG	TGA	0	0
mORF_-_934641	934641	934988	-	4	348	GTG	TAA	0	0
mORF_-_934906	934906	935094	-	5	189	TTG	TGA	0	0
mORF_-_935095	935095	935238	-	5	144	TTG	TAA	0	0
mORF_-_935115	935115	935141	-	4	27	GTG	TGA	0	0
mORF_-_935166	935166	935195	-	4	30	GTG	TAG	0	0
mORF_-_935226	935226	935336	-	4	111	ATG	TAA	0	0
mORF_-_935258	935258	935278	-	6	21	TTG	TAA	0	0
mORF_-_935284	935284	935469	-	5	186	ATG	TAA	0	0
mORF_-_935336	935336	935557	-	6	222	ATG	TAA	0	0
mORF_-_935421	935421	935483	-	4	63	GTG	TAG	0	0
mORF_-_935473	935473	935508	-	5	36	ATG	TAA	0	0
mORF_-_935539	935539	935598	-	5	60	TTG	TAA	0	0
mORF_-_935561	935561	935899	-	6	339	GTG	TAA	0	0

mORF_-_935616	935616	935924	-	4	309	ATG	TAA	0	0
mORF_-_935677	935677	935793	-	5	117	ATG	TAA	0	0
mORF_-_935914	935914	936012	-	5	99	ATG	TGA	0	0
mORF_-_935979	935979	936167	-	4	189	GTG	TAA	0	0
mORF_-_936035	936035	936130	-	6	96	ATG	TGA	0	0
mORF_-_936061	936061	936081	-	5	21	GTG	TAG	0	0
mORF_-_936127	936127	936186	-	5	60	GTG	TGA	0	0
mORF_-_936256	936256	936288	-	5	33	TTG	TGA	0	0
mORF_-_936273	936273	936296	-	4	24	TTG	TGA	0	0
mORF_-_936293	936293	936394	-	6	102	GTG	TGA	0	0
mORF_-_936313	936313	936324	-	5	12	ATG	TGA	0	0
mORF_-_936328	936328	936396	-	5	69	TTG	TAA	0	0
mORF_-_936378	936378	936422	-	4	45	GTG	TGA	0	0
mORF_-_936433	936433	936492	-	5	60	TTG	TAG	0	0
mORF_-_936437	936437	936523	-	6	87	TTG	TAG	0	0
mORF_-_936501	936501	936719	-	4	219	GTG	TGA	0	0
mORF_-_936611	936611	936667	-	6	57	TTG	TGA	0	0
mORF_-_936634	936634	936723	-	5	90	TTG	TAA	0	0
mORF_-_936716	936716	936790	-	6	75	TTG	TGA	0	0
mORF_-_936762	936762	936830	-	4	69	ATG	TGA	0	0
mORF_-_936793	936793	937224	-	5	432	TTG	TAA	0	0
mORF_-_936797	936797	936853	-	6	57	GTG	TGA	0	0
mORF_-_936861	936861	937064	-	4	204	GTG	TAG	0	0
mORF_-_936884	936884	936892	-	6	9	TTG	TAG	0	0
mORF_-_937043	937043	937066	-	6	24	TTG	TAA	0	0
mORF_-_937113	937113	937184	-	4	72	GTG	TGA	0	0
mORF_-_937181	937181	937258	-	6	78	TTG	TGA	0	0
mORF_-_937194	937194	937295	-	4	102	GTG	TGA	0	0
mORF_-_937255	937255	937404	-	5	150	TTG	TGA	0	0
mORF_-_937289	937289	937363	-	6	75	ATG	TAA	0	0
mORF_-_937364	937364	937732	-	6	369	TTG	TAA	0	0
mORF_-_937371	937371	937409	-	4	39	TTG	TAG	0	0
mORF_-_937432	937432	937539	-	5	108	GTG	TAG	0	0
mORF_-_937561	937561	937641	-	5	81	GTG	TGA	0	0
mORF_-_937569	937569	937601	-	4	33	GTG	TGA	0	0
mORF_-_937626	937626	937637	-	4	12	TTG	TAA	0	0
mORF_-_937662	937662	938027	-	4	366	GTG	TAA	0	0
mORF_-_937741	937741	937758	-	5	18	TTG	TGA	0	0
mORF_-_937777	937777	937968	-	5	192	TTG	TGA	0	0
mORF_-_937922	937922	938005	-	6	84	ATG	TAA	0	0
mORF_-_937981	937981	938214	-	5	234	ATG	TAA	0	0
mORF_-_938061	938061	938159	-	4	99	TTG	TAA	0	0
mORF_-_938081	938081	938329	-	6	249	ATG	TAA	0	0
mORF_-_938178	938178	938249	-	4	72	TTG	TAA	0	0
mORF_-_938230	938230	938256	-	5	27	TTG	TAA	0	0
mORF_-_938263	938263	938268	-	5	6	GTG	TAG	0	0
mORF_-_938274	938274	938474	-	4	201	TTG	TAA	0	0
mORF_-_938351	938351	938794	-	6	444	TTG	TAA	0	0
mORF_-_938461	938461	938493	-	5	33	TTG	TAA	0	0
mORF_-_938530	938530	938544	-	5	15	ATG	TGA	0	0
mORF_-_938563	938563	938625	-	5	63	ATG	TAA	0	0
mORF_-_938583	938583	938708	-	4	126	GTG	TAA	0	0
mORF_-_938626	938626	939165	-	5	540	ATG	TAA	0	0
mORF_-_938775	938775	938906	-	4	132	TTG	TGA	0	0
mORF_-_938924	938924	939439	-	6	516	GTG	TAA	0	0
mORF_-_939114	939114	939176	-	4	63	GTG	TAA	0	0
mORF_-_939229	939229	939258	-	5	30	GTG	TAG	0	0
mORF_-_939246	939246	939359	-	4	114	TTG	TAA	0	0
mORF_-_939274	939274	939336	-	5	63	GTG	TGA	0	0
mORF_-_939343	939343	939516	-	5	174	TTG	TAG	0	0
mORF_-_939399	939399	939422	-	4	24	TTG	TGA	0	0
mORF_-_939423	939423	939554	-	4	132	TTG	TAA	0	0
mORF_-_939467	939467	939505	-	6	39	GTG	TGA	0	0

mORF_-_939551	939551	939808	-	6	258	ATG	TGA	0	0	
mORF_-_939580	939580	939666	-	5	87	TTG	TGA	0	0	
mORF_-_939627	939627	940025	-	4	399	GTG	TGA	0	0	
mORF_-_939670	939670	939705	-	5	36	GTG	TAA	0	0	
mORF_-_939706	939706	939789	-	5	84	TTG	TAG	0	0	
mORF_-_939940	939940	940011	-	5	72	TTG	TAG	0	0	
mORF_-_940022	940022	940462	-	6	441	TTG	TGA	0	0	
mORF_-_940026	940026	940031	-	4	6	GTG	TAA	0	0	
mORF_-_940080	940080	940133	-	4	54	TTG	TAA	0	0	
mORF_-_940126	940126	940155	-	5	30	TTG	TAA	0	0	
mORF_-_940180	940180	940290	-	5	111	ATG	TAA	0	0	
mORF_-_940290	940290	940313	-	4	24	GTG	TAA	0	0	
mORF_-_940297	940297	940338	-	5	42	TTG	TAA	0	0	
mORF_-_940398	940398	941354	-	4	957	GTG	TAG	0	0	
mORF_-_940463	940463	940510	-	6	48	ATG	TAA	0	0	
mORF_-_940523	940523	940594	-	6	72	ATG	TAG	0	0	
mORF_-_940610	940610	940660	-	6	51	TTG	TAG	0	0	
mORF_-_940666	940666	940959	-	5	294	GTG	TAG	0	0	
mORF_-_940679	940679	940708	-	6	30	ATG	TAG	0	0	
mORF_-_940829	940829	940852	-	6	24	TTG	TAG	0	0	
mORF_-_940943	940943	940990	-	6	48	ATG	TAG	0	0	
mORF_-_941000	941000	941098	-	6	99	GTG	TAG	0	0	
mORF_-_941041	941041	941067	-	5	27	GTG	TAG	0	0	
mORF_-_941095	941095	941121	-	5	27	ATG	TGA	0	0	
mORF_-_941198	941198	941314	-	6	117	TTG	TAA	0	0	
mORF_-_941351	941351	941608	-	6	258	TTG	TGA	0	0	
mORF_-_941356	941356	941373	-	5	18	TTG	TAG	0	0	
mORF_-_941419	941419	941454	-	5	36	ATG	TAA	0	0	
mORF_-_941460	941460	941726	-	4	267	GTG	TAA	0	0	
mORF_-_941621	941621	941662	-	6	42	TTG	TAG	0	0	
mORF_-_941681	941681	941773	-	6	93	GTG	TGA	0	0	
mORF_-_941713	941713	941808	-	5	96	ATG	TAA	0	0	
mORF_-_941733	941733	942302	-	4	570	GTG	TGA	1	3	pORF_-_941733
mORF_-_941825	941825	941839	-	6	15	TTG	TAA	0	0	
mORF_-_941843	941843	941878	-	6	36	ATG	TGA	0	0	
mORF_-_941851	941851	941904	-	5	54	TTG	TAA	0	0	
mORF_-_941879	941879	942025	-	6	147	TTG	TAG	0	0	
mORF_-_941929	941929	942006	-	5	78	TTG	TAA	0	0	
mORF_-_942037	942037	942108	-	5	72	GTG	TAA	0	0	
mORF_-_942071	942071	942127	-	6	57	TTG	TAA	0	0	
mORF_-_942112	942112	942120	-	5	9	ATG	TAG	0	0	
mORF_-_942137	942137	942160	-	6	24	ATG	TAA	0	0	
mORF_-_942166	942166	942204	-	5	39	GTG	TAG	0	0	
mORF_-_942212	942212	942217	-	6	6	GTG	TAG	0	0	
mORF_-_942236	942236	942253	-	6	18	TTG	TGA	0	0	
mORF_-_942271	942271	942306	-	5	36	TTG	TAA	0	0	
mORF_-_942303	942303	942560	-	4	258	TTG	TGA	0	0	
mORF_-_942308	942308	942316	-	6	9	TTG	TAA	0	0	
mORF_-_942344	942344	942394	-	6	51	TTG	TGA	0	0	
mORF_-_942415	942415	942516	-	5	102	TTG	TAA	0	0	
mORF_-_942434	942434	942556	-	6	123	GTG	TGA	0	0	
mORF_-_942577	942577	942801	-	5	225	GTG	TAG	0	0	
mORF_-_942591	942591	942689	-	4	99	TTG	TGA	0	0	
mORF_-_942608	942608	942643	-	6	36	TTG	TGA	0	0	
mORF_-_942714	942714	942752	-	4	39	ATG	TAG	0	0	
mORF_-_942737	942737	942835	-	6	99	ATG	TGA	0	0	
mORF_-_942819	942819	942935	-	4	117	ATG	TAG	0	0	
mORF_-_942832	942832	943701	-	5	870	ATG	TGA	0	0	
mORF_-_942863	942863	942976	-	6	114	GTG	TAG	0	0	
mORF_-_942945	942945	943010	-	4	66	TTG	TAG	0	0	
mORF_-_943158	943158	943223	-	4	66	GTG	TGA	0	0	
mORF_-_943184	943184	943309	-	6	126	TTG	TGA	0	0	
mORF_-_943406	943406	943450	-	6	45	ATG	TAA	0	0	

mORF_-_943440	943440	943463	-	4	24	TTG	TAG	0	0	
mORF_-_943482	943482	943505	-	4	24	GTG	TGA	0	0	
mORF_-_943506	943506	943595	-	4	90	ATG	TGA	0	0	
mORF_-_943734	943734	943829	-	4	96	GTG	TAA	0	0	
mORF_-_943850	943850	943885	-	6	36	ATG	TGA	0	0	
mORF_-_943878	943878	944033	-	4	156	ATG	TAG	0	0	
mORF_-_944002	944002	944037	-	5	36	ATG	TGA	0	0	
mORF_-_944034	944034	944123	-	4	90	ATG	TGA	0	0	
mORF_-_944057	944057	944089	-	6	33	ATG	TAA	0	0	
mORF_-_944120	944120	944128	-	6	9	TTG	TGA	0	0	
mORF_-_944154	944154	944780	-	4	627	ATG	TAA	13	74	pORF_-_944154
mORF_-_944168	944168	944179	-	6	12	ATG	TAA	0	0	
mORF_-_944189	944189	944248	-	6	60	ATG	TGA	0	0	
mORF_-_944248	944248	944328	-	5	81	ATG	TAA	0	0	
mORF_-_944294	944294	944350	-	6	57	ATG	TGA	0	0	
mORF_-_944372	944372	944401	-	6	30	TTG	TGA	0	0	
mORF_-_944398	944398	944430	-	5	33	TTG	TGA	0	0	
mORF_-_944438	944438	944452	-	6	15	TTG	TAA	0	0	
mORF_-_944489	944489	944536	-	6	48	TTG	TAA	0	0	
mORF_-_944576	944576	944767	-	6	192	ATG	TAG	0	0	
mORF_-_944800	944800	944880	-	5	81	ATG	TGA	0	0	
mORF_-_944822	944822	944836	-	6	15	ATG	TGA	0	0	
mORF_-_944918	944918	944935	-	6	18	TTG	TAA	0	0	
mORF_-_944936	944936	944953	-	6	18	ATG	TGA	0	0	
mORF_-_944950	944950	945063	-	5	114	ATG	TGA	0	0	
mORF_-_944970	944970	945026	-	4	57	GTG	TAA	0	0	
mORF_-_945023	945023	945082	-	6	60	GTG	TGA	0	0	
mORF_-_945087	945087	945212	-	4	126	GTG	TAA	0	0	
mORF_-_945116	945116	945214	-	6	99	ATG	TGA	0	0	
mORF_-_945166	945166	945204	-	5	39	GTG	TAA	0	0	
mORF_-_945230	945230	945238	-	6	9	ATG	TGA	0	0	
mORF_-_945240	945240	945296	-	4	57	ATG	TAG	0	0	
mORF_-_945245	945245	945268	-	6	24	ATG	TAA	0	0	
mORF_-_945315	945315	945422	-	4	108	ATG	TAA	0	0	
mORF_-_945329	945329	945469	-	6	141	GTG	TGA	0	0	
mORF_-_945510	945510	945548	-	4	39	TTG	TAA	0	0	
mORF_-_945542	945542	945556	-	6	15	TTG	TGA	0	0	
mORF_-_945610	945610	945657	-	5	48	ATG	TAA	0	0	
mORF_-_945623	945623	945670	-	6	48	TTG	TAA	0	0	
mORF_-_945671	945671	945679	-	6	9	TTG	TAA	0	0	
mORF_-_945693	945693	945776	-	4	84	TTG	TGA	0	0	
mORF_-_945748	945748	945849	-	5	102	TTG	TAG	0	0	
mORF_-_945777	945777	945803	-	4	27	ATG	TGA	0	0	
mORF_-_945903	945903	945974	-	4	72	ATG	TGA	0	0	
mORF_-_945992	945992	946111	-	6	120	ATG	TAA	0	0	
mORF_-_945997	945997	946047	-	5	51	TTG	TAG	0	0	
mORF_-_946080	946080	946160	-	4	81	ATG	TAG	0	0	
mORF_-_946147	946147	946236	-	5	90	GTG	TAA	0	0	
mORF_-_946178	946178	946252	-	6	75	TTG	TAA	0	0	
mORF_-_946182	946182	946205	-	4	24	TTG	TAG	0	0	
mORF_-_946266	946266	946277	-	4	12	GTG	TAA	0	0	
mORF_-_946274	946274	946279	-	6	6	GTG	TGA	0	0	
mORF_-_946312	946312	946320	-	5	9	TTG	TAA	0	0	
mORF_-_946324	946324	946368	-	5	45	ATG	TAA	0	0	
mORF_-_946373	946373	946384	-	6	12	GTG	TAG	0	0	
mORF_-_946388	946388	946402	-	6	15	ATG	TAA	0	0	
mORF_-_946466	946466	946534	-	6	69	TTG	TGA	0	0	
mORF_-_946540	946540	946581	-	5	42	ATG	TAA	0	0	
mORF_-_946547	946547	946555	-	6	9	TTG	TAG	0	0	
mORF_-_946588	946588	946599	-	5	12	GTG	TAA	0	0	
mORF_-_946601	946601	946609	-	6	9	GTG	TAG	0	0	
mORF_-_946606	946606	946611	-	5	6	GTG	TGA	0	0	
mORF_-_946631	946631	946690	-	6	60	GTG	TGA	0	0	

mORF_-_946635	946635	946760	-	4	126	TTG	TAA	0	0	
mORF_-_946681	946681	946773	-	5	93	TTG	TAA	0	0	
mORF_-_946748	946748	947041	-	6	294	ATG	TAG	0	0	
mORF_-_946876	946876	946893	-	5	18	GTG	TAA	0	0	
mORF_-_946948	946948	946992	-	5	45	TTG	TAA	0	0	
mORF_-_946953	946953	947048	-	4	96	ATG	TGA	0	0	
mORF_-_946993	946993	947019	-	5	27	TTG	TAA	0	0	
mORF_-_947060	947060	947071	-	6	12	GTG	TAG	0	0	
mORF_-_947071	947071	947079	-	5	9	TTG	TAG	0	0	
mORF_-_947076	947076	947132	-	4	57	TTG	TGA	0	0	
mORF_-_947125	947125	947160	-	5	36	TTG	TAA	0	0	
mORF_-_947129	947129	947269	-	6	141	TTG	TGA	0	0	
mORF_-_947306	947306	947314	-	6	9	ATG	TAA	0	0	
mORF_-_947325	947325	947363	-	4	39	TTG	TAA	0	0	
mORF_-_947336	947336	947458	-	6	123	TTG	TAA	0	0	
mORF_-_947483	947483	947554	-	6	72	TTG	TAG	0	0	
mORF_-_947578	947578	947625	-	5	48	ATG	TAA	0	0	
mORF_-_947603	947603	947776	-	6	174	GTG	TAA	0	0	
mORF_-_947674	947674	947697	-	5	24	TTG	TAA	0	0	
mORF_-_947773	947773	948030	-	5	258	ATG	TGA	0	0	
mORF_-_947883	947883	948791	-	4	909	ATG	TAA	0	0	
mORF_-_947927	947927	948028	-	6	102	GTG	TAA	0	0	
mORF_-_948032	948032	948094	-	6	63	GTG	TAG	0	0	
mORF_-_948098	948098	948271	-	6	174	TTG	TGA	0	0	
mORF_-_948127	948127	948222	-	5	96	ATG	TGA	0	0	
mORF_-_948238	948238	948351	-	5	114	TTG	TGA	0	0	
mORF_-_948290	948290	948295	-	6	6	GTG	TAG	0	0	
mORF_-_948329	948329	948454	-	6	126	TTG	TGA	0	0	
mORF_-_948485	948485	948499	-	6	15	ATG	TAG	0	0	
mORF_-_948524	948524	948538	-	6	15	ATG	TGA	0	0	
mORF_-_948539	948539	948547	-	6	9	ATG	TGA	0	0	
mORF_-_948548	948548	948592	-	6	45	ATG	TAG	0	0	
mORF_-_948710	948710	948769	-	6	60	TTG	TAG	0	0	
mORF_-_948791	948791	948829	-	6	39	GTG	TAA	0	0	
mORF_-_948808	948808	948816	-	5	9	ATG	TAA	0	0	
mORF_-_948840	948840	948935	-	4	96	ATG	TAA	0	0	
mORF_-_948889	948889	948981	-	5	93	TTG	TAA	0	0	
mORF_-_948939	948939	948971	-	4	33	ATG	TGA	0	0	
mORF_-_948971	948971	949033	-	6	63	TTG	TGA	0	0	
mORF_-_949014	949014	949103	-	4	90	ATG	TAA	0	0	
mORF_-_949030	949030	949248	-	5	219	ATG	TGA	0	0	
mORF_-_949109	949109	949135	-	6	27	GTG	TAA	0	0	
mORF_-_949113	949113	949130	-	4	18	ATG	TGA	0	0	
mORF_-_949182	949182	949238	-	4	57	GTG	TAG	0	0	
mORF_-_949223	949223	949288	-	6	66	TTG	TAA	0	0	
mORF_-_949249	949249	949296	-	5	48	ATG	TGA	0	0	
mORF_-_949335	949335	949424	-	4	90	GTG	TAA	0	0	
mORF_-_949352	949352	949381	-	6	30	GTG	TAA	0	0	
mORF_-_949378	949378	949533	-	5	156	TTG	TGA	0	0	
mORF_-_949488	949488	949538	-	4	51	TTG	TAA	0	0	
mORF_-_949563	949563	950330	-	4	768	ATG	TAA	12	63	pORF_-_949563
mORF_-_949571	949571	949594	-	6	24	TTG	TAA	0	0	
mORF_-_949604	949604	949798	-	6	195	TTG	TGA	0	0	
mORF_-_949660	949660	949677	-	5	18	ATG	TGA	0	0	
mORF_-_949777	949777	949812	-	5	36	GTG	TGA	0	0	
mORF_-_949817	949817	949876	-	6	60	TTG	TGA	0	0	
mORF_-_949934	949934	949954	-	6	21	TTG	TAA	0	0	
mORF_-_949955	949955	950068	-	6	114	GTG	TGA	0	0	
mORF_-_950135	950135	950167	-	6	33	ATG	TGA	0	0	
mORF_-_950188	950188	950196	-	5	9	TTG	TAA	0	0	
mORF_-_950255	950255	950293	-	6	39	TTG	TAG	0	0	
mORF_-_950361	950361	950387	-	4	27	GTG	TAG	0	0	
mORF_-_950384	950384	950440	-	6	57	GTG	TGA	0	0	

mORF_-_950468	950468	950488	-	6	21	TTG	TAA	0	0	
mORF_-_950495	950495	952777	-	6	2283	ATG	TAA	233	4497	pORF_-_950495
mORF_-_950548	950548	950583	-	5	36	GTG	TGA	0	0	
mORF_-_950590	950590	950640	-	5	51	GTG	TGA	0	0	
mORF_-_950659	950659	950706	-	5	48	ATG	TGA	0	0	
mORF_-_950710	950710	950823	-	5	114	TTG	TGA	0	0	
mORF_-_950839	950839	950946	-	5	108	TTG	TAG	0	0	
mORF_-_950962	950962	950991	-	5	30	GTG	TGA	0	0	
mORF_-_951031	951031	951054	-	5	24	ATG	TAG	0	0	
mORF_-_951055	951055	951228	-	5	174	GTG	TAG	0	0	
mORF_-_951174	951174	951206	-	4	33	GTG	TGA	0	0	
mORF_-_951349	951349	951360	-	5	12	ATG	TGA	0	0	
mORF_-_951364	951364	951402	-	5	39	TTG	TGA	0	0	
mORF_-_951412	951412	951501	-	5	90	TTG	TGA	0	0	
mORF_-_951495	951495	951524	-	4	30	TTG	TAA	0	0	
mORF_-_951514	951514	951540	-	5	27	ATG	TAA	0	0	
mORF_-_951562	951562	951579	-	5	18	ATG	TGA	0	0	
mORF_-_951645	951645	951653	-	4	9	GTG	TGA	0	0	
mORF_-_951703	951703	951804	-	5	102	ATG	TGA	0	0	
mORF_-_951844	951844	951861	-	5	18	TTG	TGA	0	0	
mORF_-_951901	951901	951963	-	5	63	GTG	TGA	0	0	
mORF_-_951975	951975	952007	-	4	33	GTG	TAA	0	0	
mORF_-_952198	952198	952266	-	5	69	ATG	TGA	0	0	
mORF_-_952279	952279	952287	-	5	9	GTG	TGA	0	0	
mORF_-_952293	952293	952301	-	4	9	TTG	TAA	0	0	
mORF_-_952423	952423	952455	-	5	33	GTG	TGA	0	0	
mORF_-_952459	952459	952563	-	5	105	TTG	TGA	0	0	
mORF_-_952590	952590	952616	-	4	27	GTG	TAA	0	0	
mORF_-_952603	952603	952698	-	5	96	GTG	TAA	0	0	
mORF_-_952705	952705	952725	-	5	21	GTG	TAA	0	0	
mORF_-_952753	952753	952764	-	5	12	ATG	TAG	0	0	
mORF_-_952764	952764	952784	-	4	21	GTG	TAA	0	0	
mORF_-_952793	952793	952828	-	6	36	TTG	TAA	0	0	
mORF_-_952806	952806	952832	-	4	27	ATG	TAA	0	0	
mORF_-_952810	952810	952851	-	5	42	GTG	TAA	0	0	
mORF_-_952832	952832	953863	-	6	1032	TTG	TAA	1	4	pORF_-_952832
mORF_-_952873	952873	952896	-	5	24	GTG	TGA	0	0	
mORF_-_952932	952932	952997	-	4	66	TTG	TGA	0	0	
mORF_-_953023	953023	953028	-	5	6	TTG	TAA	0	0	
mORF_-_953041	953041	953085	-	5	45	TTG	TGA	0	0	
mORF_-_953067	953067	953165	-	4	99	ATG	TGA	0	0	
mORF_-_953170	953170	953205	-	5	36	TTG	TGA	0	0	
mORF_-_953202	953202	953294	-	4	93	GTG	TGA	0	0	
mORF_-_953248	953248	953265	-	5	18	ATG	TAA	0	0	
mORF_-_953296	953296	953343	-	5	48	ATG	TAA	0	0	
mORF_-_953344	953344	953403	-	5	60	TTG	TAA	0	0	
mORF_-_953391	953391	953471	-	4	81	TTG	TAA	0	0	
mORF_-_953404	953404	953445	-	5	42	GTG	TGA	0	0	
mORF_-_953452	953452	953670	-	5	219	TTG	TGA	0	0	
mORF_-_953686	953686	953691	-	5	6	GTG	TGA	0	0	
mORF_-_953725	953725	953763	-	5	39	ATG	TAG	0	0	
mORF_-_953776	953776	953796	-	5	21	ATG	TAA	0	0	
mORF_-_953850	953850	953885	-	4	36	ATG	TAA	0	0	
mORF_-_953901	953901	953918	-	4	18	ATG	TAA	0	0	
mORF_-_953905	953905	953937	-	5	33	TTG	TAA	0	0	
mORF_-_953918	953918	954028	-	6	111	ATG	TGA	0	0	
mORF_-_953986	953986	953991	-	5	6	TTG	TAA	0	0	
mORF_-_954000	954000	954065	-	4	66	ATG	TAA	0	0	
mORF_-_954071	954071	954076	-	6	6	ATG	TAG	0	0	
mORF_-_954095	954095	955888	-	6	1794	TTG	TAA	18	38	pORF_-_954095
mORF_-_954145	954145	954168	-	5	24	TTG	TGA	0	0	
mORF_-_954223	954223	954234	-	5	12	GTG	TGA	0	0	
mORF_-_954244	954244	954279	-	5	36	ATG	TAG	0	0	

mORF_-_954280	954280	954432	-	5	153	GTG	TGA	0	0
mORF_-_954381	954381	954398	-	4	18	ATG	TAA	0	0
mORF_-_954454	954454	954552	-	5	99	ATG	TAA	0	0
mORF_-_954459	954459	954482	-	4	24	TTG	TGA	0	0
mORF_-_954549	954549	954593	-	4	45	GTG	TGA	0	0
mORF_-_954571	954571	954741	-	5	171	TTG	TGA	0	0
mORF_-_954645	954645	954659	-	4	15	GTG	TAA	0	0
mORF_-_954666	954666	954710	-	4	45	TTG	TGA	0	0
mORF_-_954778	954778	954843	-	5	66	ATG	TGA	0	0
mORF_-_954868	954868	954954	-	5	87	ATG	TAA	0	0
mORF_-_954964	954964	954972	-	5	9	GTG	TGA	0	0
mORF_-_955009	955009	955044	-	5	36	TTG	TAG	0	0
mORF_-_955056	955056	955082	-	4	27	TTG	TAA	0	0
mORF_-_955084	955084	955164	-	5	81	TTG	TGA	0	0
mORF_-_955165	955165	955227	-	5	63	TTG	TAG	0	0
mORF_-_955240	955240	955335	-	5	96	TTG	TGA	0	0
mORF_-_955329	955329	955397	-	4	69	TTG	TAA	0	0
mORF_-_955342	955342	955431	-	5	90	TTG	TGA	0	0
mORF_-_955447	955447	955515	-	5	69	ATG	TGA	0	0
mORF_-_955512	955512	955535	-	4	24	ATG	TGA	0	0
mORF_-_955522	955522	955635	-	5	114	GTG	TGA	0	0
mORF_-_955674	955674	955700	-	4	27	GTG	TAA	0	0
mORF_-_955744	955744	955827	-	5	84	ATG	TGA	0	0
mORF_-_955900	955900	955929	-	5	30	ATG	TAA	0	0
mORF_-_955946	955946	956005	-	6	60	GTG	TAG	0	0
mORF_-_955954	955954	955980	-	5	27	ATG	TAA	0	0
mORF_-_955971	955971	956054	-	4	84	GTG	TAA	0	0
mORF_-_956065	956065	956151	-	5	87	ATG	TAA	0	0
mORF_-_956188	956188	956451	-	5	264	TTG	TAA	0	0
mORF_-_956243	956243	956275	-	6	33	GTG	TAA	0	0
mORF_-_956393	956393	956458	-	6	66	TTG	TAG	0	0
mORF_-_956467	956467	956487	-	5	21	TTG	TAG	0	0
mORF_-_956510	956510	956614	-	6	105	TTG	TAA	0	0
mORF_-_956533	956533	956538	-	5	6	TTG	TAA	0	0
mORF_-_956560	956560	956589	-	5	30	ATG	TAG	0	0
mORF_-_956586	956586	956663	-	4	78	TTG	TGA	0	0
mORF_-_956590	956590	956733	-	5	144	TTG	TGA	0	0
mORF_-_956615	956615	956752	-	6	138	TTG	TAA	0	0
mORF_-_956700	956700	956831	-	4	132	TTG	TAG	0	0
mORF_-_956758	956758	956856	-	5	99	TTG	TAA	0	0
mORF_-_956777	956777	956803	-	6	27	GTG	TGA	0	0
mORF_-_956816	956816	956884	-	6	69	TTG	TAA	0	0
mORF_-_956847	956847	956861	-	4	15	TTG	TAA	0	0
mORF_-_956881	956881	956892	-	5	12	TTG	TGA	0	0
mORF_-_956895	956895	956912	-	4	18	TTG	TAA	0	0
mORF_-_956915	956915	956998	-	6	84	GTG	TAG	0	0
mORF_-_956995	956995	957015	-	5	21	ATG	TGA	0	0
mORF_-_957016	957016	957072	-	5	57	TTG	TGA	0	0
mORF_-_957057	957057	957188	-	4	132	TTG	TAA	0	0
mORF_-_957073	957073	957078	-	5	6	TTG	TAG	0	0
mORF_-_957083	957083	957316	-	6	234	ATG	TAA	0	0
mORF_-_957109	957109	957153	-	5	45	GTG	TGA	0	0
mORF_-_957175	957175	957240	-	5	66	TTG	TAA	0	0
mORF_-_957267	957267	957407	-	4	141	TTG	TAA	0	0
mORF_-_957316	957316	957411	-	5	96	ATG	TAA	0	0
mORF_-_957432	957432	957494	-	4	63	TTG	TGA	0	0
mORF_-_957451	957451	957525	-	5	75	TTG	TAA	0	0
mORF_-_957556	957556	957681	-	5	126	TTG	TAA	0	0
mORF_-_957588	957588	957605	-	4	18	ATG	TAA	0	0
mORF_-_957617	957617	957688	-	6	72	TTG	TAG	0	0
mORF_-_957701	957701	958162	-	6	462	TTG	TAG	0	0
mORF_-_957730	957730	957807	-	5	78	TTG	TAG	0	0
mORF_-_957753	957753	957848	-	4	96	GTG	TAG	0	0

mORF_-_957889	957889	957936	-	5	48	ATG	TAA	0	0	
mORF_-_957933	957933	957989	-	4	57	GTG	TGA	0	0	
mORF_-_958050	958050	958055	-	4	6	TTG	TAA	0	0	
mORF_-_958108	958108	958203	-	5	96	ATG	TAG	0	0	
mORF_-_958134	958134	958142	-	4	9	GTG	TAA	0	0	
mORF_-_958155	958155	958190	-	4	36	ATG	TAA	0	0	
mORF_-_958223	958223	958366	-	6	144	TTG	TAG	0	0	
mORF_-_958258	958258	958329	-	5	72	TTG	TAA	0	0	
mORF_-_958278	958278	958469	-	4	192	TTG	TAA	0	0	
mORF_-_958415	958415	958456	-	6	42	GTG	TGA	0	0	
mORF_-_958475	958475	958555	-	6	81	GTG	TAA	0	0	
mORF_-_958491	958491	958547	-	4	57	TTG	TAA	0	0	
mORF_-_958552	958552	958560	-	5	9	GTG	TGA	0	0	
mORF_-_958563	958563	958964	-	4	402	ATG	TAA	0	0	
mORF_-_958631	958631	958651	-	6	21	TTG	TAA	0	0	
mORF_-_958642	958642	958647	-	5	6	GTG	TGA	0	0	
mORF_-_958648	958648	958797	-	5	150	TTG	TGA	0	0	
mORF_-_958775	958775	958894	-	6	120	ATG	TAA	0	0	
mORF_-_958910	958910	959032	-	6	123	TTG	TAA	0	0	
mORF_-_958942	958942	959010	-	5	69	TTG	TAG	0	0	
mORF_-_959001	959001	959189	-	4	189	GTG	TAA	0	0	
mORF_-_959050	959050	959082	-	5	33	TTG	TAA	0	0	
mORF_-_959126	959126	959182	-	6	57	TTG	TAA	0	0	
mORF_-_959137	959137	959271	-	5	135	ATG	TGA	0	0	
mORF_-_959186	959186	959266	-	6	81	TTG	TGA	0	0	
mORF_-_959223	959223	959405	-	4	183	ATG	TGA	0	0	
mORF_-_959279	959279	959359	-	6	81	TTG	TAA	0	0	
mORF_-_959356	959356	959451	-	5	96	ATG	TGA	0	0	
mORF_-_959457	959457	959486	-	4	30	GTG	TAA	0	0	
mORF_-_959483	959483	959488	-	6	6	ATG	TGA	0	0	
mORF_-_959497	959497	959532	-	5	36	ATG	TAG	0	0	
mORF_-_959532	959532	959558	-	4	27	GTG	TAA	0	0	
mORF_-_959546	959546	959572	-	6	27	TTG	TGA	0	0	
mORF_-_959581	959581	959736	-	5	156	ATG	TGA	1	2	pORF_-_959581
mORF_-_959600	959600	959647	-	6	48	TTG	TAG	0	0	
mORF_-_959616	959616	959915	-	4	300	GTG	TAA	0	0	
mORF_-_959648	959648	959677	-	6	30	TTG	TGA	0	0	
mORF_-_959678	959678	959767	-	6	90	TTG	TGA	0	0	
mORF_-_959777	959777	959797	-	6	21	TTG	TAA	0	0	
mORF_-_959794	959794	959958	-	5	165	GTG	TGA	0	0	
mORF_-_959831	959831	959863	-	6	33	TTG	TAG	0	0	
mORF_-_959939	959939	960181	-	6	243	ATG	TAA	2	21	pORF_-_959939
mORF_-_959974	959974	960009	-	5	36	GTG	TAG	0	0	
mORF_-_960006	960006	960011	-	4	6	TTG	TGA	0	0	
mORF_-_960012	960012	960194	-	4	183	GTG	TAA	0	0	
mORF_-_960112	960112	960147	-	5	36	GTG	TGA	0	0	
mORF_-_960151	960151	960204	-	5	54	TTG	TAG	0	0	
mORF_-_960191	960191	960262	-	6	72	ATG	TGA	0	0	
mORF_-_960201	960201	960347	-	4	147	TTG	TGA	0	0	
mORF_-_960259	960259	960345	-	5	87	GTG	TGA	0	0	
mORF_-_960290	960290	960343	-	6	54	GTG	TAG	0	0	
mORF_-_960388	960388	960519	-	5	132	ATG	TAA	0	0	
mORF_-_960393	960393	960482	-	4	90	GTG	TAA	0	0	
mORF_-_960410	960410	960433	-	6	24	TTG	TAA	0	0	
mORF_-_960446	960446	960463	-	6	18	TTG	TAA	0	0	
mORF_-_960494	960494	960616	-	6	123	ATG	TAG	0	0	
mORF_-_960565	960565	960621	-	5	57	ATG	TAA	0	0	
mORF_-_960570	960570	960653	-	4	84	TTG	TGA	0	0	
mORF_-_960683	960683	960847	-	6	165	GTG	TGA	0	0	
mORF_-_960702	960702	961049	-	4	348	ATG	TGA	2	5	pORF_-_960702
mORF_-_960724	960724	960729	-	5	6	TTG	TGA	0	0	
mORF_-_960760	960760	960774	-	5	15	TTG	TAA	0	0	
mORF_-_960790	960790	960891	-	5	102	ATG	TAA	0	0	

mORF_-_960956	960956	961105	-	6	150	ATG	TGA	0	0	
mORF_-_961042	961042	961056	-	5	15	TTG	TAA	0	0	
mORF_-_961072	961072	961170	-	5	99	ATG	TAG	0	0	
mORF_-_961157	961157	961177	-	6	21	ATG	TAA	0	0	
mORF_-_961193	961193	961219	-	6	27	ATG	TAA	0	0	
mORF_-_961212	961212	961238	-	4	27	TTG	TAA	0	0	
mORF_-_961235	961235	961378	-	6	144	TTG	TGA	0	0	
mORF_-_961254	961254	962393	-	4	1140	GTG	TAA	1	3	pORF_-_961254
mORF_-_961490	961490	961507	-	6	18	GTG	TGA	0	0	
mORF_-_961520	961520	961690	-	6	171	TTG	TAA	0	0	
mORF_-_961697	961697	961711	-	6	15	TTG	TGA	0	0	
mORF_-_961766	961766	961825	-	6	60	GTG	TGA	0	0	
mORF_-_961822	961822	961839	-	5	18	ATG	TGA	0	0	
mORF_-_961829	961829	961942	-	6	114	GTG	TAG	0	0	
mORF_-_962036	962036	962074	-	6	39	TTG	TAA	0	0	
mORF_-_962084	962084	962377	-	6	294	ATG	TAG	0	0	
mORF_-_962390	962390	962563	-	6	174	TTG	TGA	0	0	
mORF_-_962605	962605	962667	-	5	63	ATG	TAG	0	0	
mORF_-_962645	962645	962872	-	6	228	TTG	TAA	0	0	
mORF_-_962731	962731	962760	-	5	30	TTG	TGA	0	0	
mORF_-_962761	962761	962814	-	5	54	TTG	TGA	0	0	
mORF_-_962818	962818	962856	-	5	39	TTG	TAA	0	0	
mORF_-_962878	962878	962973	-	5	96	GTG	TAG	0	0	
mORF_-_962934	962934	962969	-	4	36	TTG	TAA	0	0	
mORF_-_962973	962973	963002	-	4	30	TTG	TAG	0	0	
mORF_-_962999	962999	963010	-	6	12	TTG	TGA	0	0	
mORF_-_963032	963032	963109	-	6	78	TTG	TAA	0	0	
mORF_-_963049	963049	963225	-	5	177	GTG	TGA	0	0	
mORF_-_963060	963060	963287	-	4	228	GTG	TGA	0	0	
mORF_-_963284	963284	963322	-	6	39	TTG	TGA	0	0	
mORF_-_963289	963289	963369	-	5	81	GTG	TAA	0	0	
mORF_-_963345	963345	963389	-	4	45	ATG	TGA	0	0	
mORF_-_963394	963394	963519	-	5	126	GTG	TAG	0	0	
mORF_-_963438	963438	963608	-	4	171	TTG	TGA	0	0	
mORF_-_963503	963503	963571	-	6	69	ATG	TGA	0	0	
mORF_-_963574	963574	963663	-	5	90	ATG	TAA	0	0	
mORF_-_963673	963673	963786	-	5	114	TTG	TAA	0	0	
mORF_-_963686	963686	963820	-	6	135	GTG	TAA	0	0	
mORF_-_963729	963729	963740	-	4	12	TTG	TGA	0	0	
mORF_-_963762	963762	963842	-	4	81	ATG	TAA	0	0	
mORF_-_963796	963796	963804	-	5	9	TTG	TGA	0	0	
mORF_-_963835	963835	963933	-	5	99	TTG	TAA	0	0	
mORF_-_963839	963839	963943	-	6	105	TTG	TGA	0	0	
mORF_-_963843	963843	963848	-	4	6	TTG	TAG	0	0	
mORF_-_963870	963870	963926	-	4	57	TTG	TGA	0	0	
mORF_-_963930	963930	964013	-	4	84	ATG	TGA	0	0	
mORF_-_963995	963995	964003	-	6	9	ATG	TAA	0	0	
mORF_-_964013	964013	964051	-	6	39	ATG	TGA	0	0	
mORF_-_964021	964021	964044	-	5	24	TTG	TGA	0	0	
mORF_-_964048	964048	964101	-	5	54	TTG	TGA	0	0	
mORF_-_964092	964092	964109	-	4	18	TTG	TAG	0	0	
mORF_-_964112	964112	964270	-	6	159	ATG	TAG	0	0	
mORF_-_964158	964158	964211	-	4	54	ATG	TAA	0	0	
mORF_-_964212	964212	964316	-	4	105	TTG	TAA	0	0	
mORF_-_964267	964267	964386	-	5	120	ATG	TGA	0	0	
mORF_-_964323	964323	964376	-	4	54	TTG	TAA	0	0	
mORF_-_964352	964352	964507	-	6	156	ATG	TAA	0	0	
mORF_-_964423	964423	964551	-	5	129	ATG	TAA	0	0	
mORF_-_964428	964428	964517	-	4	90	TTG	TAA	0	0	
mORF_-_964521	964521	964685	-	4	165	ATG	TAA	0	0	
mORF_-_964565	964565	964678	-	6	114	ATG	TGA	0	0	
mORF_-_964645	964645	964650	-	5	6	GTG	TGA	0	0	
mORF_-_964682	964682	965098	-	6	417	TTG	TGA	1	5	pORF_-_964682

mORF_-_964705	964705	964740	-	5	36	ATG	TAA	0	0
mORF_-_964719	964719	964781	-	4	63	ATG	TAA	0	0
mORF_-_964794	964794	964808	-	4	15	TTG	TAA	0	0
mORF_-_964857	964857	964904	-	4	48	TTG	TAA	0	0
mORF_-_964882	964882	965076	-	5	195	TTG	TGA	0	0
mORF_-_964947	964947	965228	-	4	282	GTG	TAA	0	0
mORF_-_965108	965108	965116	-	6	9	GTG	TAG	0	0
mORF_-_965200	965200	965247	-	5	48	TTG	TAA	0	0
mORF_-_965244	965244	965255	-	4	12	ATG	TGA	0	0
mORF_-_965286	965286	965360	-	4	75	GTG	TAA	0	0
mORF_-_965303	965303	965437	-	6	135	ATG	TGA	0	0
mORF_-_965367	965367	965399	-	4	33	ATG	TAA	0	0
mORF_-_965410	965410	965619	-	5	210	ATG	TAA	0	0
mORF_-_965442	965442	965474	-	4	33	TTG	TAG	0	0
mORF_-_965481	965481	965534	-	4	54	ATG	TAG	0	0
mORF_-_965562	965562	965699	-	4	138	TTG	TAA	0	0
mORF_-_965609	965609	965638	-	6	30	TTG	TAG	0	0
mORF_-_965641	965641	965703	-	5	63	TTG	TAA	0	0
mORF_-_965696	965696	965710	-	6	15	TTG	TGA	0	0
mORF_-_965715	965715	965753	-	4	39	TTG	TGA	0	0
mORF_-_965757	965757	965774	-	4	18	ATG	TAA	0	0
mORF_-_965817	965817	965849	-	4	33	ATG	TAG	0	0
mORF_-_965822	965822	966085	-	6	264	GTG	TGA	0	0
mORF_-_965866	965866	965898	-	5	33	TTG	TAG	0	0
mORF_-_965986	965986	965994	-	5	9	GTG	TAA	0	0
mORF_-_966082	966082	966222	-	5	141	GTG	TGA	0	0
mORF_-_966101	966101	966142	-	6	42	ATG	TAG	0	0
mORF_-_966120	966120	966164	-	4	45	GTG	TGA	0	0
mORF_-_966161	966161	966196	-	6	36	TTG	TGA	0	0
mORF_-_966219	966219	966485	-	4	267	GTG	TGA	0	0
mORF_-_966226	966226	966270	-	5	45	GTG	TAA	0	0
mORF_-_966230	966230	966319	-	6	90	ATG	TAG	0	0
mORF_-_966329	966329	966487	-	6	159	TTG	TAA	0	0
mORF_-_966349	966349	966369	-	5	21	GTG	TGA	0	0
mORF_-_966509	966509	966547	-	6	39	TTG	TGA	0	0
mORF_-_966560	966560	966607	-	6	48	ATG	TGA	0	0
mORF_-_966604	966604	966663	-	5	60	TTG	TGA	0	0
mORF_-_966608	966608	966751	-	6	144	TTG	TGA	0	0
mORF_-_966694	966694	966723	-	5	30	GTG	TAA	0	0
mORF_-_966788	966788	966886	-	6	99	GTG	TGA	0	0
mORF_-_966889	966889	966918	-	5	30	ATG	TAA	0	0
mORF_-_966893	966893	967012	-	6	120	GTG	TAA	0	0
mORF_-_966928	966928	966993	-	5	66	TTG	TGA	0	0
mORF_-_966990	966990	967058	-	4	69	GTG	TGA	0	0
mORF_-_967055	967055	967153	-	6	99	ATG	TGA	0	0
mORF_-_967086	967086	967643	-	4	558	GTG	TAA	0	0
mORF_-_967144	967144	967164	-	5	21	GTG	TAG	0	0
mORF_-_967214	967214	967234	-	6	21	TTG	TAG	0	0
mORF_-_967363	967363	967410	-	5	48	GTG	TAG	0	0
mORF_-_967400	967400	967510	-	6	111	ATG	TGA	0	0
mORF_-_967568	967568	967573	-	6	6	TTG	TGA	0	0
mORF_-_967687	967687	967764	-	5	78	TTG	TAG	0	0
mORF_-_967694	967694	967807	-	6	114	TTG	TAG	0	0
mORF_-_967749	967749	967901	-	4	153	GTG	TGA	0	0
mORF_-_967864	967864	967893	-	5	30	GTG	TAA	0	0
mORF_-_967874	967874	968002	-	6	129	GTG	TAA	0	0
mORF_-_967930	967930	968019	-	5	90	ATG	TGA	0	0
mORF_-_968036	968036	968044	-	6	9	ATG	TAA	0	0
mORF_-_968044	968044	968211	-	5	168	ATG	TAA	0	0
mORF_-_968076	968076	968129	-	4	54	TTG	TAA	0	0
mORF_-_968150	968150	968215	-	6	66	ATG	TAA	0	0
mORF_-_968240	968240	968428	-	6	189	TTG	TAA	0	0
mORF_-_968269	968269	968328	-	5	60	GTG	TGA	0	0

mORF_-_968380	968380	968571	-	5	192	TTG	TGA	0	0	
mORF_-_968403	968403	968510	-	4	108	GTG	TGA	0	0	
mORF_-_968516	968516	968548	-	6	33	TTG	TGA	0	0	
mORF_-_968541	968541	968720	-	4	180	TTG	TAA	0	0	
mORF_-_968606	968606	968668	-	6	63	TTG	TGA	0	0	
mORF_-_968653	968653	968760	-	5	108	TTG	TGA	0	0	
mORF_-_968675	968675	968746	-	6	72	TTG	TAA	0	0	
mORF_-_968757	968757	968780	-	4	24	ATG	TGA	0	0	
mORF_-_968809	968809	968955	-	5	147	TTG	TAA	0	0	
mORF_-_968852	968852	968977	-	6	126	ATG	TAA	0	0	
mORF_-_968907	968907	969065	-	4	159	TTG	TAA	0	0	
mORF_-_968996	968996	969013	-	6	18	ATG	TAA	0	0	
mORF_-_969010	969010	969150	-	5	141	TTG	TGA	0	0	
mORF_-_969032	969032	969100	-	6	69	ATG	TGA	0	0	
mORF_-_969163	969163	969243	-	5	81	ATG	TAA	0	0	
mORF_-_969170	969170	969406	-	6	237	ATG	TAA	0	0	
mORF_-_969240	969240	969323	-	4	84	GTG	TGA	0	0	
mORF_-_969301	969301	969507	-	5	207	TTG	TAG	0	0	
mORF_-_969422	969422	969463	-	6	42	GTG	TAG	0	0	
mORF_-_969450	969450	969458	-	4	9	TTG	TGA	0	0	
mORF_-_969580	969580	969657	-	5	78	ATG	TAG	0	0	
mORF_-_969599	969599	969613	-	6	15	TTG	TAA	0	0	
mORF_-_969614	969614	969643	-	6	30	ATG	TAA	0	0	
mORF_-_969680	969680	969715	-	6	36	TTG	TAA	0	0	
mORF_-_969693	969693	969707	-	4	15	TTG	TAA	0	0	
mORF_-_969727	969727	969816	-	5	90	GTG	TGA	0	0	
mORF_-_969747	969747	969776	-	4	30	ATG	TAG	0	0	
mORF_-_969776	969776	969868	-	6	93	ATG	TAA	0	0	
mORF_-_969801	969801	969842	-	4	42	ATG	TAA	0	0	
mORF_-_969861	969861	969884	-	4	24	ATG	TAA	0	0	
mORF_-_969869	969869	969970	-	6	102	TTG	TGA	0	0	
mORF_-_969901	969901	970170	-	5	270	ATG	TGA	0	0	
mORF_-_969975	969975	970091	-	4	117	ATG	TAA	0	0	
mORF_-_970091	970091	970135	-	6	45	ATG	TAA	0	0	
mORF_-_970104	970104	970160	-	4	57	ATG	TAG	0	0	
mORF_-_970167	970167	970211	-	4	45	ATG	TGA	0	0	
mORF_-_970192	970192	970290	-	5	99	ATG	TGA	0	0	
mORF_-_970208	970208	970336	-	6	129	ATG	TGA	0	0	
mORF_-_970290	970290	970400	-	4	111	ATG	TGA	0	0	
mORF_-_970294	970294	970617	-	5	324	ATG	TGA	1	2	pORF_-_970294
mORF_-_970358	970358	970396	-	6	39	TTG	TAA	0	0	
mORF_-_970397	970397	970462	-	6	66	TTG	TGA	0	0	
mORF_-_970431	970431	970553	-	4	123	ATG	TGA	0	0	
mORF_-_970484	970484	970531	-	6	48	GTG	TAA	0	0	
mORF_-_970656	970656	970691	-	4	36	ATG	TAA	0	0	
mORF_-_970661	970661	970675	-	6	15	TTG	TGA	0	0	
mORF_-_970681	970681	970689	-	5	9	GTG	TAA	0	0	
mORF_-_970699	970699	970884	-	5	186	TTG	TAA	0	0	
mORF_-_970752	970752	970769	-	4	18	GTG	TGA	0	0	
mORF_-_970824	970824	970832	-	4	9	GTG	TGA	0	0	
mORF_-_970829	970829	970900	-	6	72	TTG	TGA	0	0	
mORF_-_970881	970881	970910	-	4	30	ATG	TGA	0	0	
mORF_-_970907	970907	970921	-	6	15	ATG	TGA	0	0	
mORF_-_970911	970911	971162	-	4	252	ATG	TGA	0	0	
mORF_-_970996	970996	971004	-	5	9	ATG	TAA	0	0	
mORF_-_971039	971039	971110	-	6	72	TTG	TGA	0	0	
mORF_-_971101	971101	971226	-	5	126	GTG	TAA	0	0	
mORF_-_971117	971117	971170	-	6	54	TTG	TAA	0	0	
mORF_-_971195	971195	971293	-	6	99	GTG	TAG	0	0	
mORF_-_971199	971199	971315	-	4	117	TTG	TAA	0	0	
mORF_-_971245	971245	971322	-	5	78	TTG	TAG	0	0	
mORF_-_971312	971312	971413	-	6	102	ATG	TGA	0	0	
mORF_-_971335	971335	971349	-	5	15	GTG	TAA	0	0	

mORF_-_971352	971352	971387	-	4	36	TTG	TGA	0	0
mORF_-_971391	971391	971453	-	4	63	TTG	TGA	0	0
mORF_-_971410	971410	971427	-	5	18	ATG	TGA	0	0
mORF_-_971454	971454	971549	-	4	96	TTG	TGA	0	0
mORF_-_971459	971459	971527	-	6	69	ATG	TGA	0	0
mORF_-_971527	971527	971565	-	5	39	GTG	TAA	0	0
mORF_-_971540	971540	971653	-	6	114	GTG	TAA	0	0
mORF_-_971562	971562	971588	-	4	27	ATG	TGA	0	0
mORF_-_971677	971677	971724	-	5	48	TTG	TAG	0	0
mORF_-_971715	971715	971825	-	4	111	TTG	TAA	0	0
mORF_-_971773	971773	971793	-	5	21	TTG	TAA	0	0
mORF_-_971813	971813	971884	-	6	72	GTG	TAA	0	0
mORF_-_971845	971845	972624	-	5	780	ATG	TGA	0	0
mORF_-_971877	971877	971918	-	4	42	GTG	TAA	0	0
mORF_-_971924	971924	971965	-	6	42	GTG	TAG	0	0
mORF_-_972072	972072	972098	-	4	27	TTG	TGA	0	0
mORF_-_972092	972092	972280	-	6	189	ATG	TGA	0	0
mORF_-_972108	972108	972200	-	4	93	GTG	TGA	0	0
mORF_-_972252	972252	972296	-	4	45	ATG	TGA	0	0
mORF_-_972321	972321	972365	-	4	45	GTG	TAA	0	0
mORF_-_972326	972326	972343	-	6	18	GTG	TAA	0	0
mORF_-_972401	972401	972487	-	6	87	GTG	TAA	0	0
mORF_-_972465	972465	972557	-	4	93	TTG	TGA	0	0
mORF_-_972527	972527	972691	-	6	165	ATG	TAG	0	0
mORF_-_972570	972570	972599	-	4	30	TTG	TGA	0	0
mORF_-_972642	972642	972809	-	4	168	ATG	TAA	0	0
mORF_-_972673	972673	972678	-	5	6	GTG	TAA	0	0
mORF_-_972688	972688	972960	-	5	273	ATG	TGA	0	0
mORF_-_972737	972737	972760	-	6	24	TTG	TAA	0	0
mORF_-_972810	972810	972941	-	4	132	TTG	TAA	0	0
mORF_-_972842	972842	972937	-	6	96	TTG	TAG	0	0
mORF_-_972960	972960	973043	-	4	84	ATG	TGA	0	0
mORF_-_972965	972965	973024	-	6	60	TTG	TGA	0	0
mORF_-_972970	972970	973116	-	5	147	ATG	TAA	0	0
mORF_-_973049	973049	973315	-	6	267	GTG	TAA	0	0
mORF_-_973198	973198	973416	-	5	219	GTG	TAA	0	0
mORF_-_973206	973206	973238	-	4	33	ATG	TAG	0	0
mORF_-_973364	973364	973441	-	6	78	ATG	TAA	0	0
mORF_-_973450	973450	973707	-	5	258	ATG	TAA	0	0
mORF_-_973503	973503	974387	-	4	885	GTG	TGA	0	0
mORF_-_973508	973508	973783	-	6	276	ATG	TGA	0	0
mORF_-_973810	973810	973839	-	5	30	TTG	TAA	0	0
mORF_-_973841	973841	973870	-	6	30	ATG	TAA	0	0
mORF_-_973880	973880	973885	-	6	6	ATG	TAG	0	0
mORF_-_973889	973889	973951	-	6	63	TTG	TGA	0	0
mORF_-_973948	973948	974019	-	5	72	GTG	TGA	0	0
mORF_-_974009	974009	974248	-	6	240	ATG	TAG	0	0
mORF_-_974249	974249	974353	-	6	105	ATG	TGA	0	0
mORF_-_974369	974369	974389	-	6	21	TTG	TAG	0	0
mORF_-_974392	974392	974538	-	5	147	GTG	TAA	0	0
mORF_-_974442	974442	974459	-	4	18	TTG	TAA	0	0
mORF_-_974484	974484	974660	-	4	177	TTG	TAG	0	0
mORF_-_974489	974489	974650	-	6	162	TTG	TAA	0	0
mORF_-_974623	974623	974718	-	5	96	GTG	TGA	0	0
mORF_-_974700	974700	974846	-	4	147	ATG	TGA	0	0
mORF_-_974750	974750	974788	-	6	39	GTG	TGA	0	0
mORF_-_974822	974822	974857	-	6	36	TTG	TAA	0	0
mORF_-_974848	974848	974868	-	5	21	TTG	TGA	0	0
mORF_-_974879	974879	974980	-	6	102	ATG	TAA	0	0
mORF_-_974938	974938	974976	-	5	39	ATG	TGA	0	0
mORF_-_975038	975038	975076	-	6	39	GTG	TAA	0	0
mORF_-_975063	975063	975086	-	4	24	GTG	TAG	0	0
mORF_-_975150	975150	975260	-	4	111	TTG	TAG	0	0

mORF_-_975218	975218	975268	-	6	51	TTG	TGA	0	0
mORF_-_975288	975288	975383	-	4	96	ATG	TGA	0	0
mORF_-_975337	975337	975576	-	5	240	GTG	TAA	0	0
mORF_-_975383	975383	975475	-	6	93	TTG	TAA	0	0
mORF_-_975489	975489	975503	-	4	15	TTG	TGA	0	0
mORF_-_975500	975500	975754	-	6	255	GTG	TGA	0	0
mORF_-_975573	975573	976400	-	4	828	ATG	TGA	0	0
mORF_-_975806	975806	975916	-	6	111	ATG	TAA	0	0
mORF_-_975901	975901	975948	-	5	48	GTG	TGA	0	0
mORF_-_975917	975917	976060	-	6	144	ATG	TGA	0	0
mORF_-_976067	976067	976135	-	6	69	TTG	TAA	0	0
mORF_-_976096	976096	976122	-	5	27	ATG	TGA	0	0
mORF_-_976139	976139	976186	-	6	48	ATG	TAG	0	0
mORF_-_976205	976205	976351	-	6	147	TTG	TAG	0	0
mORF_-_976336	976336	976578	-	5	243	GTG	TGA	0	0
mORF_-_976367	976367	976372	-	6	6	ATG	TAG	0	0
mORF_-_976376	976376	976408	-	6	33	TTG	TGA	0	0
mORF_-_976431	976431	976841	-	4	411	ATG	TAG	0	0
mORF_-_976445	976445	976507	-	6	63	TTG	TGA	0	0
mORF_-_976604	976604	976672	-	6	69	ATG	TAG	0	0
mORF_-_976751	976751	976948	-	6	198	ATG	TAG	0	0
mORF_-_976816	976816	977001	-	5	186	TTG	TAA	0	0
mORF_-_976851	976851	976964	-	4	114	GTG	TAA	0	0
mORF_-_976985	976985	977005	-	6	21	TTG	TGA	0	0
mORF_-_977002	977002	977241	-	5	240	GTG	TGA	0	0
mORF_-_977049	977049	977078	-	4	30	GTG	TAG	0	0
mORF_-_977093	977093	977179	-	6	87	TTG	TGA	0	0
mORF_-_977133	977133	977447	-	4	315	TTG	TAG	0	0
mORF_-_977183	977183	977191	-	6	9	TTG	TGA	0	0
mORF_-_977225	977225	977329	-	6	105	ATG	TGA	0	0
mORF_-_977269	977269	977295	-	5	27	GTG	TAG	0	0
mORF_-_977330	977330	977506	-	6	177	TTG	TGA	0	0
mORF_-_977615	977615	977683	-	6	69	ATG	TAA	0	0
mORF_-_977626	977626	977778	-	5	153	ATG	TAA	0	0
mORF_-_977670	977670	977678	-	4	9	GTG	TGA	0	0
mORF_-_977700	977700	977717	-	4	18	GTG	TGA	0	0
mORF_-_977794	977794	977859	-	5	66	GTG	TGA	0	0
mORF_-_977852	977852	977956	-	6	105	GTG	TAA	0	0
mORF_-_977856	977856	978068	-	4	213	TTG	TGA	0	0
mORF_-_978102	978102	978302	-	4	201	TTG	TAA	0	0
mORF_-_978140	978140	978199	-	6	60	TTG	TGA	0	0
mORF_-_978284	978284	978298	-	6	15	TTG	TGA	0	0
mORF_-_978363	978363	978578	-	4	216	GTG	TAA	0	0
mORF_-_978461	978461	978505	-	6	45	TTG	TAG	0	0
mORF_-_978593	978593	978601	-	6	9	TTG	TGA	0	0
mORF_-_978629	978629	978775	-	6	147	TTG	TAA	0	0
mORF_-_978648	978648	978749	-	4	102	TTG	TAG	0	0
mORF_-_978652	978652	978768	-	5	117	GTG	TGA	0	0
mORF_-_978765	978765	978779	-	4	15	TTG	TGA	0	0
mORF_-_978776	978776	978841	-	6	66	TTG	TGA	0	0
mORF_-_978854	978854	978916	-	6	63	ATG	TAA	0	0
mORF_-_978945	978945	978950	-	4	6	GTG	TAA	0	0
mORF_-_978965	978965	979066	-	6	102	ATG	TAA	0	0
mORF_-_979008	979008	979127	-	4	120	ATG	TAA	0	0
mORF_-_979145	979145	979291	-	6	147	ATG	TGA	0	0
mORF_-_979224	979224	979397	-	4	174	GTG	TAA	0	0
mORF_-_979292	979292	979324	-	6	33	TTG	TGA	0	0
mORF_-_979352	979352	979402	-	6	51	ATG	TGA	0	0
mORF_-_979404	979404	979958	-	4	555	TTG	TAG	0	0
mORF_-_979439	979439	979459	-	6	21	TTG	TGA	0	0
mORF_-_979496	979496	979546	-	6	51	ATG	TGA	0	0
mORF_-_979565	979565	979573	-	6	9	TTG	TAA	0	0
mORF_-_979574	979574	979882	-	6	309	GTG	TAG	0	0

mORF_-_979597	979597	979641	-	5	45	ATG	TAA	0	0	
mORF_-_979861	979861	980064	-	5	204	GTG	TGA	0	0	
mORF_-_980012	980012	980080	-	6	69	ATG	TAA	0	0	
mORF_-_980064	980064	980078	-	4	15	GTG	TAG	0	0	
mORF_-_980107	980107	980184	-	5	78	ATG	TAA	0	0	
mORF_-_980117	980117	980215	-	6	99	TTG	TAA	0	0	
mORF_-_980240	980240	980512	-	6	273	TTG	TGA	0	0	
mORF_-_980277	980277	980309	-	4	33	TTG	TAA	0	0	
mORF_-_980296	980296	980496	-	5	201	GTG	TGA	0	0	
mORF_-_980310	980310	980342	-	4	33	GTG	TGA	0	0	
mORF_-_980400	980400	980465	-	4	66	ATG	TGA	0	0	
mORF_-_980513	980513	980623	-	6	111	TTG	TAA	0	0	
mORF_-_980524	980524	980529	-	5	6	TTG	TAA	0	0	
mORF_-_980541	980541	980570	-	4	30	GTG	TAA	0	0	
mORF_-_980551	980551	980586	-	5	36	ATG	TGA	0	0	
mORF_-_980681	980681	980755	-	6	75	ATG	TAA	0	0	
mORF_-_980700	980700	980714	-	4	15	GTG	TAA	0	0	
mORF_-_980746	980746	980784	-	5	39	GTG	TAG	0	0	
mORF_-_980757	980757	980765	-	4	9	TTG	TGA	0	0	
mORF_-_980775	980775	980822	-	4	48	TTG	TGA	0	0	
mORF_-_980792	980792	980932	-	6	141	ATG	TAG	0	0	
mORF_-_980872	980872	981102	-	5	231	GTG	TGA	0	0	
mORF_-_980880	980880	980993	-	4	114	TTG	TAG	0	0	
mORF_-_980948	980948	981049	-	6	102	TTG	TAA	0	0	
mORF_-_981081	981081	981107	-	4	27	TTG	TAA	0	0	
mORF_-_981086	981086	981265	-	6	180	TTG	TAG	1	5	pORF_-_981086
mORF_-_981120	981120	981128	-	4	9	ATG	TGA	0	0	
mORF_-_981243	981243	981260	-	4	18	ATG	TAA	0	0	
mORF_-_981253	981253	981411	-	5	159	ATG	TGA	0	0	
mORF_-_981285	981285	981302	-	4	18	GTG	TAG	0	0	
mORF_-_981311	981311	981619	-	6	309	ATG	TAA	0	0	
mORF_-_981351	981351	981380	-	4	30	TTG	TGA	0	0	
mORF_-_981436	981436	981447	-	5	12	TTG	TGA	0	0	
mORF_-_981448	981448	981594	-	5	147	TTG	TGA	0	0	
mORF_-_981516	981516	981668	-	4	153	ATG	TAA	0	0	
mORF_-_981622	981622	981693	-	5	72	GTG	TAG	0	0	
mORF_-_981684	981684	981689	-	4	6	TTG	TAG	0	0	
mORF_-_981690	981690	981737	-	4	48	GTG	TGA	0	0	
mORF_-_981754	981754	981786	-	5	33	ATG	TAG	0	0	
mORF_-_981776	981776	981811	-	6	36	GTG	TGA	0	0	
mORF_-_981787	981787	981918	-	5	132	TTG	TAA	0	0	
mORF_-_981819	981819	981953	-	4	135	GTG	TGA	0	0	
mORF_-_981845	981845	982105	-	6	261	TTG	TGA	0	0	
mORF_-_981955	981955	981963	-	5	9	TTG	TAA	0	0	
mORF_-_982048	982048	982053	-	5	6	TTG	TAA	0	0	
mORF_-_982106	982106	982159	-	6	54	ATG	TAA	0	0	
mORF_-_982153	982153	982191	-	5	39	GTG	TAA	0	0	
mORF_-_982188	982188	982262	-	4	75	ATG	TGA	0	0	
mORF_-_982222	982222	982425	-	5	204	TTG	TAA	0	0	
mORF_-_982232	982232	982435	-	6	204	ATG	TAA	0	0	
mORF_-_982314	982314	982391	-	4	78	GTG	TAG	0	0	
mORF_-_982395	982395	982421	-	4	27	GTG	TAG	0	0	
mORF_-_982422	982422	982448	-	4	27	TTG	TGA	0	0	
mORF_-_982432	982432	982452	-	5	21	TTG	TGA	0	0	
mORF_-_982445	982445	982510	-	6	66	ATG	TGA	0	0	
mORF_-_982449	982449	982499	-	4	51	TTG	TGA	0	0	
mORF_-_982522	982522	982620	-	5	99	ATG	TAA	0	0	
mORF_-_982559	982559	982585	-	6	27	TTG	TAA	0	0	
mORF_-_982592	982592	982615	-	6	24	TTG	TAA	0	0	
mORF_-_982627	982627	982650	-	5	24	TTG	TAA	0	0	
mORF_-_982655	982655	982723	-	6	69	ATG	TAG	0	0	
mORF_-_982693	982693	982755	-	5	63	TTG	TGA	0	0	
mORF_-_982763	982763	982840	-	6	78	GTG	TAA	0	0	

mORF_-_982767	982767	982835	-	4	69	GTG	TAG	0	0	
mORF_-_982878	982878	982988	-	4	111	TTG	TAG	0	0	
mORF_-_982895	982895	982954	-	6	60	GTG	TGA	0	0	
mORF_-_982921	982921	983151	-	5	231	TTG	TAA	0	0	
mORF_-_982985	982985	983017	-	6	33	GTG	TGA	0	0	
mORF_-_983085	983085	983228	-	4	144	ATG	TAA	0	0	
mORF_-_983222	983222	983305	-	6	84	TTG	TGA	0	0	
mORF_-_983251	983251	983382	-	5	132	TTG	TAA	0	0	
mORF_-_983277	983277	983336	-	4	60	TTG	TGA	0	0	
mORF_-_983333	983333	983395	-	6	63	TTG	TGA	0	0	
mORF_-_983379	983379	983399	-	4	21	TTG	TGA	0	0	
mORF_-_983392	983392	983448	-	5	57	GTG	TGA	0	0	
mORF_-_983396	983396	983416	-	6	21	GTG	TGA	0	0	
mORF_-_983435	983435	983698	-	6	264	ATG	TAA	0	0	
mORF_-_983445	983445	983462	-	4	18	GTG	TGA	0	0	
mORF_-_983455	983455	983499	-	5	45	TTG	TAA	0	0	
mORF_-_983469	983469	983567	-	4	99	TTG	TAA	0	0	
mORF_-_983580	983580	983597	-	4	18	GTG	TAA	0	0	
mORF_-_983614	983614	983619	-	5	6	TTG	TAG	0	0	
mORF_-_983632	983632	983676	-	5	45	ATG	TGA	0	0	
mORF_-_983676	983676	983729	-	4	54	ATG	TGA	0	0	
mORF_-_983716	983716	983769	-	5	54	GTG	TGA	0	0	
mORF_-_983735	983735	983758	-	6	24	TTG	TAA	0	0	
mORF_-_983742	983742	984932	-	4	1191	ATG	TAA	122	2846	pORF_-_983742
mORF_-_983792	983792	983806	-	6	15	ATG	TGA	0	0	
mORF_-_983807	983807	983839	-	6	33	TTG	TAA	0	0	
mORF_-_983873	983873	983881	-	6	9	GTG	TGA	0	0	
mORF_-_983995	983995	984015	-	5	21	TTG	TGA	0	0	
mORF_-_983999	983999	984031	-	6	33	ATG	TGA	0	0	
mORF_-_984038	984038	984055	-	6	18	TTG	TGA	0	0	
mORF_-_984107	984107	984217	-	6	111	TTG	TGA	0	0	
mORF_-_984136	984136	984162	-	5	27	TTG	TGA	0	0	
mORF_-_984218	984218	984400	-	6	183	ATG	TGA	0	0	
mORF_-_984325	984325	984354	-	5	30	ATG	TGA	0	0	
mORF_-_984410	984410	984433	-	6	24	ATG	TAG	0	0	
mORF_-_984446	984446	984499	-	6	54	GTG	TGA	0	0	
mORF_-_984532	984532	984564	-	5	33	GTG	TAA	0	0	
mORF_-_984557	984557	984661	-	6	105	ATG	TGA	0	0	
mORF_-_984665	984665	984757	-	6	93	ATG	TGA	0	0	
mORF_-_984794	984794	984928	-	6	135	TTG	TGA	0	0	
mORF_-_984925	984925	985002	-	5	78	TTG	TGA	0	0	
mORF_-_984972	984972	985097	-	4	126	ATG	TGA	0	0	
mORF_-_984989	984989	985078	-	6	90	TTG	TAA	0	0	
mORF_-_985006	985006	985104	-	5	99	TTG	TAA	0	0	
mORF_-_985098	985098	985145	-	4	48	TTG	TAA	0	0	
mORF_-_985117	985117	986205	-	5	1089	ATG	TAA	71	1483	pORF_-_985117
mORF_-_985161	985161	985256	-	4	96	TTG	TAG	0	0	
mORF_-_985263	985263	985280	-	4	18	GTG	TGA	0	0	
mORF_-_985290	985290	985361	-	4	72	TTG	TAG	0	0	
mORF_-_985362	985362	985445	-	4	84	GTG	TAG	0	0	
mORF_-_985442	985442	985501	-	6	60	GTG	TGA	0	0	
mORF_-_985485	985485	985652	-	4	168	GTG	TGA	0	0	
mORF_-_985686	985686	985967	-	4	282	ATG	TGA	0	0	
mORF_-_985949	985949	985960	-	6	12	GTG	TAA	0	0	
mORF_-_985974	985974	986021	-	4	48	ATG	TGA	0	0	
mORF_-_986025	986025	986087	-	4	63	TTG	TGA	0	0	
mORF_-_986106	986106	986120	-	4	15	ATG	TAG	0	0	
mORF_-_986126	986126	986254	-	6	129	TTG	TAA	0	0	
mORF_-_986205	986205	986267	-	4	63	TTG	TAA	0	0	
mORF_-_986230	986230	986238	-	5	9	GTG	TAA	0	0	
mORF_-_986275	986275	986331	-	5	57	ATG	TAA	0	0	
mORF_-_986306	986306	986335	-	6	30	TTG	TAA	0	0	
mORF_-_986337	986337	986408	-	4	72	TTG	TAG	0	0	

mORF_-_986362	986362	986367	-	5	6	TTG	TAG	0	0	
mORF_-_986384	986384	986443	-	6	60	ATG	TGA	0	0	
mORF_-_986440	986440	986451	-	5	12	ATG	TGA	0	0	
mORF_-_986468	986468	986476	-	6	9	TTG	TAA	0	0	
mORF_-_986512	986512	986592	-	5	81	TTG	TAA	0	0	
mORF_-_986516	986516	986563	-	6	48	TTG	TAG	0	0	
mORF_-_986547	986547	986561	-	4	15	GTG	TAA	0	0	
mORF_-_986573	986573	986641	-	6	69	TTG	TGA	0	0	
mORF_-_986620	986620	986679	-	5	60	TTG	TAG	0	0	
mORF_-_986654	986654	986743	-	6	90	TTG	TAA	0	0	
mORF_-_986808	986808	988253	-	4	1446	GTG	TAA	86	1156	pORF_-_986808
mORF_-_986846	986846	986854	-	6	9	GTG	TGA	0	0	
mORF_-_986873	986873	986884	-	6	12	TTG	TAA	0	0	
mORF_-_986885	986885	986902	-	6	18	TTG	TGA	0	0	
mORF_-_986893	986893	986955	-	5	63	GTG	TGA	0	0	
mORF_-_986972	986972	987079	-	6	108	TTG	TGA	0	0	
mORF_-_987146	987146	987229	-	6	84	TTG	TAG	0	0	
mORF_-_987257	987257	987325	-	6	69	ATG	TGA	0	0	
mORF_-_987353	987353	987394	-	6	42	ATG	TGA	0	0	
mORF_-_987398	987398	987424	-	6	27	TTG	TGA	0	0	
mORF_-_987431	987431	987508	-	6	78	GTG	TGA	0	0	
mORF_-_987502	987502	987549	-	5	48	TTG	TGA	0	0	
mORF_-_987584	987584	987694	-	6	111	GTG	TGA	0	0	
mORF_-_987716	987716	987808	-	6	93	TTG	TGA	0	0	
mORF_-_987809	987809	987940	-	6	132	TTG	TGA	0	0	
mORF_-_987898	987898	987906	-	5	9	TTG	TGA	0	0	
mORF_-_987980	987980	987985	-	6	6	TTG	TGA	0	0	
mORF_-_988004	988004	988162	-	6	159	TTG	TGA	0	0	
mORF_-_988081	988081	988137	-	5	57	ATG	TGA	0	0	
mORF_-_988166	988166	988171	-	6	6	GTG	TAG	0	0	
mORF_-_988190	988190	988201	-	6	12	TTG	TAG	0	0	
mORF_-_988222	988222	988293	-	5	72	TTG	TAA	0	0	
mORF_-_988272	988272	988301	-	4	30	TTG	TAG	0	0	
mORF_-_988277	988277	988444	-	6	168	ATG	TAA	0	0	
mORF_-_988294	988294	988314	-	5	21	TTG	TGA	0	0	
mORF_-_988377	988377	989627	-	4	1251	ATG	TAA	27	146	pORF_-_988377
mORF_-_988495	988495	988500	-	5	6	GTG	TAA	0	0	
mORF_-_988502	988502	988519	-	6	18	TTG	TAG	0	0	
mORF_-_988553	988553	988573	-	6	21	TTG	TGA	0	0	
mORF_-_988577	988577	988792	-	6	216	ATG	TAA	0	0	
mORF_-_988705	988705	988713	-	5	9	ATG	TGA	0	0	
mORF_-_988777	988777	988917	-	5	141	ATG	TGA	0	0	
mORF_-_988811	988811	988858	-	6	48	TTG	TAA	0	0	
mORF_-_988880	988880	989059	-	6	180	TTG	TAG	0	0	
mORF_-_989066	989066	989089	-	6	24	TTG	TGA	0	0	
mORF_-_989117	989117	989233	-	6	117	GTG	TAG	0	0	
mORF_-_989230	989230	989238	-	5	9	GTG	TGA	0	0	
mORF_-_989246	989246	989533	-	6	288	ATG	TAA	0	0	
mORF_-_989338	989338	989364	-	5	27	GTG	TAA	0	0	
mORF_-_989449	989449	989460	-	5	12	TTG	TGA	0	0	
mORF_-_989612	989612	989620	-	6	9	TTG	TAA	0	0	
mORF_-_989630	989630	989662	-	6	33	TTG	TGA	0	0	
mORF_-_989664	989664	989813	-	4	150	GTG	TAA	0	0	
mORF_-_989678	989678	989686	-	6	9	ATG	TGA	0	0	
mORF_-_989711	989711	989779	-	6	69	ATG	TAA	0	0	
mORF_-_989839	989839	989979	-	5	141	ATG	TAA	0	0	
mORF_-_989843	989843	989860	-	6	18	GTG	TAA	0	0	
mORF_-_989850	989850	989867	-	4	18	TTG	TGA	0	0	
mORF_-_989960	989960	989986	-	6	27	ATG	TGA	0	0	
mORF_-_989976	989976	990023	-	4	48	TTG	TGA	0	0	
mORF_-_989986	989986	990039	-	5	54	ATG	TGA	0	0	
mORF_-_990036	990036	990128	-	4	93	ATG	TGA	0	0	
mORF_-_990041	990041	990085	-	6	45	GTG	TAA	0	0	

mORF_-_990174	990174	990197	-	4	24	GTG	TGA	0	0	
mORF_-_990178	990178	990747	-	5	570	ATG	TGA	0	0	
mORF_-_990234	990234	990317	-	4	84	TTG	TAA	0	0	
mORF_-_990396	990396	990590	-	4	195	ATG	TAG	0	0	
mORF_-_990446	990446	990475	-	6	30	GTG	TAA	0	0	
mORF_-_990591	990591	990701	-	4	111	TTG	TAG	0	0	
mORF_-_990617	990617	990631	-	6	15	TTG	TGA	0	0	
mORF_-_990808	990808	991626	-	5	819	ATG	TAA	0	0	
mORF_-_990825	990825	990965	-	4	141	TTG	TGA	0	0	
mORF_-_990950	990950	991180	-	6	231	GTG	TGA	0	0	
mORF_-_990969	990969	990974	-	4	6	GTG	TAG	0	0	
mORF_-_990984	990984	991022	-	4	39	GTG	TAA	0	0	
mORF_-_991074	991074	991196	-	4	123	TTG	TGA	0	0	
mORF_-_991203	991203	991259	-	4	57	GTG	TAG	0	0	
mORF_-_991266	991266	991328	-	4	63	TTG	TGA	0	0	
mORF_-_991353	991353	991382	-	4	30	GTG	TGA	0	0	
mORF_-_991379	991379	991564	-	6	186	TTG	TGA	0	0	
mORF_-_991566	991566	991574	-	4	9	TTG	TAG	0	0	
mORF_-_991602	991602	991778	-	4	177	GTG	TGA	0	0	
mORF_-_991751	991751	991774	-	6	24	GTG	TAG	0	0	
mORF_-_991810	991810	992157	-	5	348	ATG	TAG	0	0	
mORF_-_991817	991817	992014	-	6	198	GTG	TAG	0	0	
mORF_-_991821	991821	991826	-	4	6	TTG	TAA	0	0	
mORF_-_991833	991833	992057	-	4	225	TTG	TAA	0	0	
mORF_-_992064	992064	992222	-	4	159	TTG	TGA	0	0	
mORF_-_992093	992093	992164	-	6	72	ATG	TAA	0	0	
mORF_-_992161	992161	992238	-	5	78	ATG	TGA	0	0	
mORF_-_992256	992256	992291	-	4	36	TTG	TAA	0	0	
mORF_-_992288	992288	992317	-	6	30	GTG	TGA	0	0	
mORF_-_992314	992314	992490	-	5	177	ATG	TGA	0	0	
mORF_-_992349	992349	992360	-	4	12	TTG	TAA	0	0	
mORF_-_992441	992441	992449	-	6	9	GTG	TAG	0	0	
mORF_-_992500	992500	993267	-	5	768	ATG	TAA	1	0	pORF_-_992500
mORF_-_992514	992514	992537	-	4	24	GTG	TGA	0	0	
mORF_-_992622	992622	992651	-	4	30	TTG	TGA	0	0	
mORF_-_992688	992688	992696	-	4	9	ATG	TGA	0	0	
mORF_-_992693	992693	992734	-	6	42	TTG	TGA	0	0	
mORF_-_992700	992700	992744	-	4	45	TTG	TGA	0	0	
mORF_-_992769	992769	992801	-	4	33	TTG	TAA	0	0	
mORF_-_992798	992798	992944	-	6	147	GTG	TGA	0	0	
mORF_-_992907	992907	992936	-	4	30	ATG	TAG	0	0	
mORF_-_992958	992958	992975	-	4	18	TTG	TAG	0	0	
mORF_-_992972	992972	992989	-	6	18	GTG	TGA	0	0	
mORF_-_992976	992976	993005	-	4	30	ATG	TGA	0	0	
mORF_-_993060	993060	993152	-	4	93	TTG	TAG	0	0	
mORF_-_993216	993216	993224	-	4	9	ATG	TAA	0	0	
mORF_-_993264	993264	994100	-	4	837	ATG	TGA	0	0	
mORF_-_993340	993340	993480	-	5	141	GTG	TGA	0	0	
mORF_-_993380	993380	993415	-	6	36	ATG	TAG	0	0	
mORF_-_993416	993416	993466	-	6	51	TTG	TGA	0	0	
mORF_-_993482	993482	993529	-	6	48	GTG	TGA	0	0	
mORF_-_993539	993539	993697	-	6	159	TTG	TGA	0	0	
mORF_-_993688	993688	993702	-	5	15	GTG	TGA	0	0	
mORF_-_993796	993796	994035	-	5	240	GTG	TAG	0	0	
mORF_-_993812	993812	993844	-	6	33	TTG	TGA	0	0	
mORF_-_993917	993917	994021	-	6	105	TTG	TGA	0	0	
mORF_-_994066	994066	995211	-	5	1146	ATG	TAA	2	9	pORF_-_994066
mORF_-_994097	994097	994342	-	6	246	ATG	TGA	0	0	
mORF_-_994125	994125	994313	-	4	189	GTG	TGA	0	0	
mORF_-_994323	994323	994331	-	4	9	TTG	TAG	0	0	
mORF_-_994407	994407	994463	-	4	57	TTG	TAG	0	0	
mORF_-_994460	994460	994495	-	6	36	GTG	TGA	0	0	
mORF_-_994473	994473	994520	-	4	48	TTG	TAA	0	0	

mORF_-_994521	994521	994952	-	4	432	TTG	TGA	0	0
mORF_-_994925	994925	995038	-	6	114	GTG	TGA	0	0
mORF_-_994965	994965	994988	-	4	24	TTG	TAA	0	0
mORF_-_995016	995016	995042	-	4	27	ATG	TGA	0	0
mORF_-_995067	995067	995174	-	4	108	GTG	TAA	0	0
mORF_-_995171	995171	995326	-	6	156	TTG	TGA	0	0
mORF_-_995208	995208	996209	-	4	1002	ATG	TGA	0	0
mORF_-_995369	995369	995383	-	6	15	TTG	TAG	0	0
mORF_-_995450	995450	995515	-	6	66	ATG	TAA	0	0
mORF_-_995570	995570	995668	-	6	99	ATG	TGA	0	0
mORF_-_995678	995678	995773	-	6	96	TTG	TGA	0	0
mORF_-_995831	995831	995944	-	6	114	TTG	TGA	0	0
mORF_-_995948	995948	996055	-	6	108	TTG	TAA	0	0
mORF_-_996074	996074	996115	-	6	42	TTG	TAG	0	0
mORF_-_996160	996160	996735	-	5	576	ATG	TAA	0	0
mORF_-_996240	996240	996302	-	4	63	TTG	TAG	0	0
mORF_-_996303	996303	996323	-	4	21	TTG	TAA	0	0
mORF_-_996360	996360	996380	-	4	21	ATG	TAA	0	0
mORF_-_996480	996480	996524	-	4	45	TTG	TGA	0	0
mORF_-_996525	996525	996590	-	4	66	ATG	TGA	0	0
mORF_-_996639	996639	996653	-	4	15	ATG	TAG	0	0
mORF_-_996654	996654	996809	-	4	156	TTG	TAA	0	0
mORF_-_996710	996710	996820	-	6	111	TTG	TAG	0	0
mORF_-_996790	996790	996879	-	5	90	GTG	TGA	0	0
mORF_-_996869	996869	996883	-	6	15	ATG	TAA	0	0
mORF_-_996890	996890	996919	-	6	30	TTG	TAA	0	0
mORF_-_996932	996932	997063	-	6	132	ATG	TGA	0	0
mORF_-_996943	996943	996954	-	5	12	ATG	TAA	0	0
mORF_-_996967	996967	996981	-	5	15	GTG	TAA	0	0
mORF_-_996991	996991	997047	-	5	57	ATG	TAA	0	0
mORF_-_997005	997005	997019	-	4	15	TTG	TAA	0	0
mORF_-_997066	997066	997290	-	5	225	TTG	TAA	0	0
mORF_-_997116	997116	997136	-	4	21	TTG	TAA	0	0
mORF_-_997170	997170	997190	-	4	21	ATG	TGA	0	0
mORF_-_997181	997181	997312	-	6	132	TTG	TGA	0	0
mORF_-_997266	997266	997325	-	4	60	TTG	TAA	0	0
mORF_-_997294	997294	997386	-	5	93	GTG	TGA	0	0
mORF_-_997347	997347	997367	-	4	21	TTG	TAG	0	0
mORF_-_997399	997399	997515	-	5	117	ATG	TGA	0	0
mORF_-_997416	997416	997430	-	4	15	ATG	TAG	0	0
mORF_-_997427	997427	997459	-	6	33	TTG	TGA	0	0
mORF_-_997440	997440	997481	-	4	42	TTG	TAG	0	0
mORF_-_997566	997566	997607	-	4	42	TTG	TAG	0	0
mORF_-_997583	997583	997615	-	6	33	ATG	TGA	0	0
mORF_-_997617	997617	997640	-	4	24	ATG	TAA	0	0
mORF_-_997656	997656	997691	-	4	36	ATG	TAA	0	0
mORF_-_997697	997697	997726	-	6	30	ATG	TAA	0	0
mORF_-_997711	997711	997761	-	5	51	TTG	TAA	0	0
mORF_-_997768	997768	997860	-	5	93	GTG	TGA	0	0
mORF_-_997832	997832	997876	-	6	45	GTG	TAA	0	0
mORF_-_997836	997836	997853	-	4	18	TTG	TGA	0	0
mORF_-_997897	997897	997908	-	5	12	ATG	TAA	0	0
mORF_-_997901	997901	998212	-	6	312	ATG	TGA	0	0
mORF_-_997951	997951	997983	-	5	33	TTG	TAA	0	0
mORF_-_998053	998053	998118	-	5	66	GTG	TAG	0	0
mORF_-_998073	998073	998120	-	4	48	TTG	TGA	0	0
mORF_-_998128	998128	998148	-	5	21	TTG	TGA	0	0
mORF_-_998202	998202	998462	-	4	261	GTG	TGA	0	0
mORF_-_998221	998221	998235	-	5	15	GTG	TGA	0	0
mORF_-_998237	998237	998245	-	6	9	ATG	TAA	0	0
mORF_-_998281	998281	998331	-	5	51	TTG	TAA	0	0
mORF_-_998288	998288	998371	-	6	84	TTG	TGA	0	0
mORF_-_998375	998375	998401	-	6	27	TTG	TAG	0	0

mORF_-_998422	998422	998490	-	5	69	ATG	TGA	0	0
mORF_-_998450	998450	998572	-	6	123	TTG	TGA	0	0
mORF_-_998469	998469	998540	-	4	72	TTG	TAA	0	0
mORF_-_998530	998530	998538	-	5	9	GTG	TGA	0	0
mORF_-_998569	998569	998670	-	5	102	TTG	TGA	0	0
mORF_-_998583	998583	998807	-	4	225	TTG	TGA	0	0
mORF_-_998663	998663	998905	-	6	243	TTG	TGA	0	0
mORF_-_998689	998689	998757	-	5	69	TTG	TGA	0	0
mORF_-_998788	998788	998820	-	5	33	ATG	TAA	0	0
mORF_-_998883	998883	998894	-	4	12	TTG	TGA	0	0
mORF_-_998921	998921	998956	-	6	36	TTG	TAA	0	0
mORF_-_998964	998964	999002	-	4	39	ATG	TAA	0	0
mORF_-_999032	999032	999088	-	6	57	TTG	TAG	0	0
mORF_-_999058	999058	999096	-	5	39	ATG	TAA	0	0
mORF_-_999090	999090	999152	-	4	63	TTG	TGA	0	0
mORF_-_999197	999197	999322	-	6	126	TTG	TAA	0	0
mORF_-_999252	999252	999365	-	4	114	TTG	TGA	0	0
mORF_-_999350	999350	999358	-	6	9	ATG	TAA	0	0
mORF_-_999404	999404	999466	-	6	63	TTG	TAG	0	0
mORF_-_999463	999463	999498	-	5	36	ATG	TGA	0	0
mORF_-_999498	999498	999644	-	4	147	TTG	TAA	0	0
mORF_-_999509	999509	999595	-	6	87	GTG	TGA	0	0
mORF_-_999520	999520	999537	-	5	18	GTG	TGA	0	0
mORF_-_999656	999656	999670	-	6	15	ATG	TAA	0	0
mORF_-_999685	999685	999774	-	5	90	ATG	TAA	0	0
mORF_-_999741	999741	999761	-	4	21	ATG	TAG	0	0
mORF_-_999767	999767	999814	-	6	48	GTG	TGA	0	0
mORF_-_999771	999771	1000001	-	4	231	TTG	TGA	0	0
mORF_-_999857	999857	999877	-	6	21	ATG	TAG	0	0
mORF_-_999947	999947	999952	-	6	6	TTG	TAA	0	0
mORF_-_999959	999959	999988	-	6	30	TTG	TAA	0	0
mORF_-_1000026	1000026	1000064	-	4	39	TTG	TAA	0	0
mORF_-_1000077	1000077	1000154	-	4	78	TTG	TAA	0	0
mORF_-_1000088	1000088	1000096	-	6	9	GTG	TAG	0	0
mORF_-_1000166	1000166	1000201	-	6	36	TTG	TGA	0	0
mORF_-_1000179	1000179	1000301	-	4	123	TTG	TAG	0	0
mORF_-_1000247	1000247	1000294	-	6	48	GTG	TAA	0	0
mORF_-_1000294	1000294	1000323	-	5	30	ATG	TAG	0	0
mORF_-_1000323	1000323	1000475	-	4	153	TTG	TAA	0	0
mORF_-_1000346	1000346	1000405	-	6	60	ATG	TAG	0	0
mORF_-_1000387	1000387	1000515	-	5	129	GTG	TAG	0	0
mORF_-_1000409	1000409	1000414	-	6	6	TTG	TAA	0	0
mORF_-_1000442	1000442	1000447	-	6	6	TTG	TAG	0	0
mORF_-_1000481	1000481	1000603	-	6	123	GTG	TAG	0	0
mORF_-_1000500	1000500	1000511	-	4	12	ATG	TAA	0	0
mORF_-_1000512	1000512	1000535	-	4	24	TTG	TGA	0	0
mORF_-_1000549	1000549	1000677	-	5	129	GTG	TAG	0	0
mORF_-_1000643	1000643	1000651	-	6	9	GTG	TAA	0	0
mORF_-_1000655	1000655	1000876	-	6	222	ATG	TAA	0	0
mORF_-_1000692	1000692	1000778	-	4	87	ATG	TAA	0	0
mORF_-_1000768	1000768	1000809	-	5	42	TTG	TGA	0	0
mORF_-_1000864	1000864	1000929	-	5	66	TTG	TAG	0	0
mORF_-_1000911	1000911	1001063	-	4	153	ATG	TAA	0	0
mORF_-_1000967	1000967	1000975	-	6	9	TTG	TGA	0	0
mORF_-_1000976	1000976	1001029	-	6	54	ATG	TAA	0	0
mORF_-_1001096	1001096	1001137	-	6	42	ATG	TAA	0	0
mORF_-_1001143	1001143	1001226	-	5	84	TTG	TGA	0	0
mORF_-_1001178	1001178	1001201	-	4	24	TTG	TAA	0	0
mORF_-_1001257	1001257	1001286	-	5	30	TTG	TAA	0	0
mORF_-_1001289	1001289	1001324	-	4	36	GTG	TGA	0	0
mORF_-_1001332	1001332	1001355	-	5	24	TTG	TAG	0	0
mORF_-_1001365	1001365	1001439	-	5	75	GTG	TAG	0	0
mORF_-_1001384	1001384	1001482	-	6	99	TTG	TAA	0	0

mORF_-_1001409	1001409	1001504	-	4	96	TTG	TAG	0	0
mORF_-_1001479	1001479	1001565	-	5	87	ATG	TGA	0	0
mORF_-_1001599	1001599	1001628	-	5	30	GTG	TAG	0	0
mORF_-_1001631	1001631	1001642	-	4	12	GTG	TAG	0	0
mORF_-_1001656	1001656	1001868	-	5	213	GTG	TAA	0	0
mORF_-_1001673	1001673	1001690	-	4	18	ATG	TGA	0	0
mORF_-_1001697	1001697	1001801	-	4	105	TTG	TGA	0	0
mORF_-_1001726	1001726	1001767	-	6	42	ATG	TAA	0	0
mORF_-_1001844	1001844	1001864	-	4	21	TTG	TGA	0	0
mORF_-_1001878	1001878	1001946	-	5	69	ATG	TAG	0	0
mORF_-_1001892	1001892	1001903	-	4	12	GTG	TAA	0	0
mORF_-_1001946	1001946	1001969	-	4	24	ATG	TAA	0	0
mORF_-_1002019	1002019	1002072	-	5	54	GTG	TAG	0	0
mORF_-_1002027	1002027	1002077	-	4	51	TTG	TGA	0	0
mORF_-_1002097	1002097	1002207	-	5	111	ATG	TAA	0	0
mORF_-_1002132	1002132	1002167	-	4	36	ATG	TGA	0	0
mORF_-_1002197	1002197	1002259	-	6	63	ATG	TAA	0	0
mORF_-_1002228	1002228	1002251	-	4	24	TTG	TGA	0	0
mORF_-_1002259	1002259	1002273	-	5	15	ATG	TAA	0	0
mORF_-_1002300	1002300	1002440	-	4	141	GTG	TGA	0	0
mORF_-_1002389	1002389	1002421	-	6	33	GTG	TAA	0	0
mORF_-_1002425	1002425	1002463	-	6	39	TTG	TGA	0	0
mORF_-_1002430	1002430	1002504	-	5	75	TTG	TAG	0	0
mORF_-_1002498	1002498	1002518	-	4	21	TTG	TGA	0	0
mORF_-_1002519	1002519	1002566	-	4	48	TTG	TGA	0	0
mORF_-_1002533	1002533	1002562	-	6	30	GTG	TAA	0	0
mORF_-_1002541	1002541	1002804	-	5	264	TTG	TAA	0	0
mORF_-_1002563	1002563	1002604	-	6	42	TTG	TGA	0	0
mORF_-_1002579	1002579	1002590	-	4	12	GTG	TAA	0	0
mORF_-_1002719	1002719	1002799	-	6	81	TTG	TAG	0	0
mORF_-_1002747	1002747	1002785	-	4	39	GTG	TAA	0	0
mORF_-_1002801	1002801	1002833	-	4	33	GTG	TGA	0	0
mORF_-_1002812	1002812	1002844	-	6	33	ATG	TAA	0	0
mORF_-_1002850	1002850	1002966	-	5	117	ATG	TAA	0	0
mORF_-_1002918	1002918	1003001	-	4	84	TTG	TGA	0	0
mORF_-_1003038	1003038	1003085	-	4	48	ATG	TAA	0	0
mORF_-_1003064	1003064	1003069	-	6	6	ATG	TAG	0	0
mORF_-_1003085	1003085	1003168	-	6	84	ATG	TAA	0	0
mORF_-_1003093	1003093	1003116	-	5	24	TTG	TAA	0	0
mORF_-_1003113	1003113	1003157	-	4	45	ATG	TGA	0	0
mORF_-_1003325	1003325	1003546	-	6	222	TTG	TGA	0	0
mORF_-_1003354	1003354	1003425	-	5	72	GTG	TGA	0	0
mORF_-_1003426	1003426	1003539	-	5	114	ATG	TAA	0	0
mORF_-_1003518	1003518	1003646	-	4	129	TTG	TAA	0	0
mORF_-_1003588	1003588	1003659	-	5	72	GTG	TAA	0	0
mORF_-_1003640	1003640	1003684	-	6	45	GTG	TGA	0	0
mORF_-_1003647	1003647	1003679	-	4	33	TTG	TAA	0	0
mORF_-_1003684	1003684	1003692	-	5	9	TTG	TAG	0	0
mORF_-_1003700	1003700	1003705	-	6	6	ATG	TAA	0	0
mORF_-_1003740	1003740	1003868	-	4	129	TTG	TAA	0	0
mORF_-_1003765	1003765	1003992	-	5	228	ATG	TAG	0	0
mORF_-_1003838	1003838	1004065	-	6	228	TTG	TAA	0	0
mORF_-_1003920	1003920	1003949	-	4	30	ATG	TGA	0	0
mORF_-_1004059	1004059	1004322	-	5	264	TTG	TGA	0	0
mORF_-_1004076	1004076	1004099	-	4	24	GTG	TAA	0	0
mORF_-_1004210	1004210	1004383	-	6	174	ATG	TAA	0	0
mORF_-_1004250	1004250	1004264	-	4	15	GTG	TGA	0	0
mORF_-_1004383	1004383	1004445	-	5	63	TTG	TAA	0	0
mORF_-_1004482	1004482	1004733	-	5	252	GTG	TAG	0	0
mORF_-_1004502	1004502	1004513	-	4	12	ATG	TGA	0	0
mORF_-_1004531	1004531	1004545	-	6	15	TTG	TAA	0	0
mORF_-_1004570	1004570	1004617	-	6	48	ATG	TAA	0	0
mORF_-_1004690	1004690	1004776	-	6	87	TTG	TAA	0	0

mORF_-_1004715	1004715	1004735	-	4	21	GTG	TAA	0	0	
mORF_-_1004803	1004803	1004883	-	5	81	ATG	TGA	0	0	
mORF_-_1004823	1004823	1004840	-	4	18	GTG	TAA	0	0	
mORF_-_1004892	1004892	1004930	-	4	39	GTG	TAA	0	0	
mORF_-_1004927	1004927	1004995	-	6	69	ATG	TGA	0	0	
mORF_-_1005033	1005033	1005071	-	4	39	ATG	TGA	0	0	
mORF_-_1005081	1005081	1005092	-	4	12	ATG	TAA	0	0	
mORF_-_1005085	1005085	1005225	-	5	141	GTG	TAA	0	0	
mORF_-_1005182	1005182	1005271	-	6	90	GTG	TAA	0	0	
mORF_-_1005210	1005210	1005284	-	4	75	TTG	TAA	0	0	
mORF_-_1005379	1005379	1005537	-	5	159	GTG	TAA	0	0	
mORF_-_1005383	1005383	1005427	-	6	45	TTG	TAG	0	0	
mORF_-_1005432	1005432	1005497	-	4	66	ATG	TAG	0	0	
mORF_-_1005534	1005534	1005656	-	4	123	ATG	TGA	0	0	
mORF_-_1005545	1005545	1005598	-	6	54	GTG	TGA	0	0	
mORF_-_1005583	1005583	1005600	-	5	18	TTG	TAG	0	0	
mORF_-_1005695	1005695	1005775	-	6	81	ATG	TGA	0	0	
mORF_-_1005714	1005714	1006823	-	4	1110	GTG	TAG	20	169	pORF_-_1005714
mORF_-_1005751	1005751	1005759	-	5	9	TTG	TAG	0	0	
mORF_-_1005772	1005772	1005858	-	5	87	TTG	TGA	0	0	
mORF_-_1005815	1005815	1005841	-	6	27	GTG	TAG	0	0	
mORF_-_1005887	1005887	1005946	-	6	60	TTG	TAG	0	0	
mORF_-_1005950	1005950	1006054	-	6	105	TTG	TAG	0	0	
mORF_-_1006061	1006061	1006081	-	6	21	TTG	TGA	0	0	
mORF_-_1006082	1006082	1006105	-	6	24	ATG	TAA	0	0	
mORF_-_1006145	1006145	1006246	-	6	102	TTG	TAA	0	0	
mORF_-_1006210	1006210	1006215	-	5	6	TTG	TAG	0	0	
mORF_-_1006240	1006240	1006341	-	5	102	TTG	TGA	0	0	
mORF_-_1006325	1006325	1006402	-	6	78	TTG	TAA	0	0	
mORF_-_1006396	1006396	1006548	-	5	153	TTG	TGA	1	2	pORF_-_1006396
mORF_-_1006442	1006442	1006492	-	6	51	GTG	TGA	0	0	
mORF_-_1006493	1006493	1006636	-	6	144	ATG	TAA	0	0	
mORF_-_1006712	1006712	1006771	-	6	60	TTG	TGA	0	0	
mORF_-_1006811	1006811	1006855	-	6	45	TTG	TAA	0	0	
mORF_-_1006858	1006858	1006917	-	5	60	ATG	TAA	0	0	
mORF_-_1006927	1006927	1007025	-	5	99	TTG	TAA	0	0	
mORF_-_1006934	1006934	1007005	-	6	72	ATG	TGA	0	0	
mORF_-_1007112	1007112	1007174	-	4	63	ATG	TAA	0	0	
mORF_-_1007159	1007159	1007188	-	6	30	GTG	TGA	0	0	
mORF_-_1007176	1007176	1007190	-	5	15	GTG	TGA	0	0	
mORF_-_1007274	1007274	1007498	-	4	225	ATG	TAA	0	0	
mORF_-_1007294	1007294	1007377	-	6	84	TTG	TGA	0	0	
mORF_-_1007381	1007381	1007428	-	6	48	GTG	TGA	0	0	
mORF_-_1007425	1007425	1007451	-	5	27	TTG	TGA	0	0	
mORF_-_1007541	1007541	1008044	-	4	504	ATG	TAA	0	0	
mORF_-_1007555	1007555	1007587	-	6	33	TTG	TAG	0	0	
mORF_-_1007605	1007605	1007712	-	5	108	GTG	TAG	0	0	
mORF_-_1007767	1007767	1007880	-	5	114	GTG	TAG	0	0	
mORF_-_1007870	1007870	1008157	-	6	288	TTG	TGA	0	0	
mORF_-_1007917	1007917	1008000	-	5	84	ATG	TGA	0	0	
mORF_-_1008120	1008120	1008731	-	4	612	ATG	TAG	0	0	
mORF_-_1008194	1008194	1008226	-	6	33	TTG	TAA	0	0	
mORF_-_1008248	1008248	1008277	-	6	30	TTG	TAG	0	0	
mORF_-_1008274	1008274	1008408	-	5	135	TTG	TGA	0	0	
mORF_-_1008422	1008422	1008427	-	6	6	TTG	TGA	0	0	
mORF_-_1008434	1008434	1008529	-	6	96	TTG	TGA	0	0	
mORF_-_1008451	1008451	1008489	-	5	39	TTG	TAA	0	0	
mORF_-_1008641	1008641	1008649	-	6	9	ATG	TGA	0	0	
mORF_-_1008668	1008668	1008697	-	6	30	TTG	TGA	0	0	
mORF_-_1008694	1008694	1008882	-	5	189	TTG	TGA	0	0	
mORF_-_1008707	1008707	1008763	-	6	57	GTG	TAA	0	0	
mORF_-_1008738	1008738	1008839	-	4	102	ATG	TAA	0	0	
mORF_-_1008782	1008782	1008805	-	6	24	TTG	TAA	0	0	

mORF_-_1008904	1008904	1008918	-	5	15	TTG	TAA	0	0
mORF_-_1008925	1008925	1008933	-	5	9	TTG	TAG	0	0
mORF_-_1008930	1008930	1009193	-	4	264	ATG	TGA	0	0
mORF_-_1008968	1008968	1009150	-	6	183	TTG	TGA	0	0
mORF_-_1009021	1009021	1009092	-	5	72	GTG	TGA	0	0
mORF_-_1009162	1009162	1009365	-	5	204	ATG	TAA	0	0
mORF_-_1009193	1009193	1009261	-	6	69	ATG	TAA	0	0
mORF_-_1009197	1009197	1009214	-	4	18	ATG	TGA	0	0
mORF_-_1009319	1009319	1009621	-	6	303	TTG	TAA	0	0
mORF_-_1009435	1009435	1009458	-	5	24	ATG	TAA	0	0
mORF_-_1009489	1009489	1009539	-	5	51	TTG	TGA	0	0
mORF_-_1009570	1009570	1009875	-	5	306	TTG	TGA	0	0
mORF_-_1009635	1009635	1009739	-	4	105	TTG	TAG	0	0
mORF_-_1009685	1009685	1009819	-	6	135	GTG	TAA	0	0
mORF_-_1009897	1009897	1010010	-	5	114	TTG	TAA	0	0
mORF_-_1009946	1009946	1010185	-	6	240	TTG	TAA	0	0
mORF_-_1010007	1010007	1010102	-	4	96	TTG	TGA	0	0
mORF_-_1010164	1010164	1010265	-	5	102	GTG	TAG	0	0
mORF_-_1010270	1010270	1010476	-	6	207	ATG	TAG	0	0
mORF_-_1010314	1010314	1010328	-	5	15	TTG	TGA	0	0
mORF_-_1010350	1010350	1010433	-	5	84	TTG	TGA	0	0
mORF_-_1010424	1010424	1010438	-	4	15	GTG	TAA	0	0
mORF_-_1010452	1010452	1010592	-	5	141	TTG	TAG	0	0
mORF_-_1010553	1010553	1010561	-	4	9	TTG	TGA	0	0
mORF_-_1010567	1010567	1010776	-	6	210	TTG	TAA	0	0
mORF_-_1010644	1010644	1010652	-	5	9	GTG	TGA	0	0
mORF_-_1010677	1010677	1010694	-	5	18	GTG	TGA	0	0
mORF_-_1010770	1010770	1010868	-	5	99	TTG	TGA	0	0
mORF_-_1010793	1010793	1010837	-	4	45	TTG	TGA	0	0
mORF_-_1010903	1010903	1010911	-	6	9	TTG	TAG	0	0
mORF_-_1010945	1010945	1011046	-	6	102	TTG	TAG	0	0
mORF_-_1010980	1010980	1011192	-	5	213	ATG	TGA	0	0
mORF_-_1011077	1011077	1011100	-	6	24	TTG	TAA	0	0
mORF_-_1011111	1011111	1011131	-	4	21	TTG	TAA	0	0
mORF_-_1011185	1011185	1011253	-	6	69	GTG	TAA	0	0
mORF_-_1011189	1011189	1011398	-	4	210	GTG	TGA	0	0
mORF_-_1011238	1011238	1011276	-	5	39	ATG	TGA	0	0
mORF_-_1011287	1011287	1011304	-	6	18	ATG	TAA	0	0
mORF_-_1011307	1011307	1011378	-	5	72	GTG	TGA	0	0
mORF_-_1011382	1011382	1011420	-	5	39	TTG	TAG	0	0
mORF_-_1011468	1011468	1011632	-	4	165	GTG	TAA	0	0
mORF_-_1011473	1011473	1011547	-	6	75	TTG	TAA	0	0
mORF_-_1011508	1011508	1011576	-	5	69	ATG	TAG	0	0
mORF_-_1011614	1011614	1011646	-	6	33	TTG	TAA	0	0
mORF_-_1011643	1011643	1011651	-	5	9	TTG	TGA	0	0
mORF_-_1011715	1011715	1011726	-	5	12	ATG	TAA	0	0
mORF_-_1011758	1011758	1011775	-	6	18	TTG	TAA	0	0
mORF_-_1011787	1011787	1011867	-	5	81	GTG	TGA	0	0
mORF_-_1011864	1011864	1011992	-	4	129	GTG	TGA	0	0
mORF_-_1011877	1011877	1012104	-	5	228	ATG	TGA	0	0
mORF_-_1012126	1012126	1012227	-	5	102	TTG	TAA	0	0
mORF_-_1012161	1012161	1012172	-	4	12	TTG	TAA	0	0
mORF_-_1012175	1012175	1012249	-	6	75	ATG	TAA	0	0
mORF_-_1012305	1012305	1012373	-	4	69	ATG	TAA	0	0
mORF_-_1012354	1012354	1012395	-	5	42	ATG	TAA	0	0
mORF_-_1012385	1012385	1012450	-	6	66	TTG	TAA	0	0
mORF_-_1012392	1012392	1012403	-	4	12	TTG	TGA	0	0
mORF_-_1012413	1012413	1013084	-	4	672	TTG	TAG	0	0
mORF_-_1012457	1012457	1012567	-	6	111	ATG	TGA	0	0
mORF_-_1012601	1012601	1012786	-	6	186	GTG	TGA	0	0
mORF_-_1012666	1012666	1012710	-	5	45	GTG	TAA	0	0
mORF_-_1012828	1012828	1013061	-	5	234	GTG	TAA	0	0
mORF_-_1012859	1012859	1012975	-	6	117	TTG	TAA	0	0

mORF_-_1013021	1013021	1013071	-	6	51	TTG	TAG	0	0	
mORF_-_1013081	1013081	1013095	-	6	15	TTG	TGA	0	0	
mORF_-_1013092	1013092	1013205	-	5	114	TTG	TGA	0	0	
mORF_-_1013102	1013102	1013152	-	6	51	ATG	TAA	0	0	
mORF_-_1013224	1013224	1013271	-	5	48	GTG	TGA	0	0	
mORF_-_1013253	1013253	1013558	-	4	306	GTG	TAA	0	0	
mORF_-_1013300	1013300	1013311	-	6	12	ATG	TGA	0	0	
mORF_-_1013312	1013312	1013329	-	6	18	GTG	TGA	0	0	
mORF_-_1013333	1013333	1013338	-	6	6	ATG	TGA	0	0	
mORF_-_1013342	1013342	1013431	-	6	90	TTG	TAA	0	0	
mORF_-_1013356	1013356	1013466	-	5	111	ATG	TAA	0	0	
mORF_-_1013477	1013477	1013617	-	6	141	GTG	TAA	0	0	
mORF_-_1013583	1013583	1013846	-	4	264	TTG	TAA	0	0	
mORF_-_1013614	1013614	1013664	-	5	51	TTG	TGA	0	0	
mORF_-_1013693	1013693	1013770	-	6	78	TTG	TGA	0	0	
mORF_-_1013764	1013764	1013832	-	5	69	TTG	TGA	0	0	
mORF_-_1013822	1013822	1013944	-	6	123	ATG	TGA	0	0	
mORF_-_1013878	1013878	1013919	-	5	42	TTG	TAG	0	0	
mORF_-_1013916	1013916	1014149	-	4	234	GTG	TGA	0	0	
mORF_-_1013972	1013972	1013980	-	6	9	TTG	TAG	0	0	
mORF_-_1014008	1014008	1014088	-	6	81	TTG	TGA	0	0	
mORF_-_1014180	1014180	1014224	-	4	45	GTG	TAA	0	0	
mORF_-_1014193	1014193	1014273	-	5	81	GTG	TAA	0	0	
mORF_-_1014200	1014200	1014226	-	6	27	TTG	TAA	0	0	
mORF_-_1014254	1014254	1014661	-	6	408	TTG	TAA	0	0	
mORF_-_1014310	1014310	1014348	-	5	39	TTG	TGA	0	0	
mORF_-_1014370	1014370	1014468	-	5	99	TTG	TGA	0	0	
mORF_-_1014496	1014496	1014558	-	5	63	TTG	TAG	0	0	
mORF_-_1014651	1014651	1014773	-	4	123	GTG	TAG	0	0	
mORF_-_1014679	1014679	1014786	-	5	108	TTG	TAA	0	0	
mORF_-_1014770	1014770	1014838	-	6	69	ATG	TGA	0	0	
mORF_-_1014805	1014805	1014882	-	5	78	GTG	TGA	0	0	
mORF_-_1014848	1014848	1014979	-	6	132	TTG	TAA	0	0	
mORF_-_1014867	1014867	1014884	-	4	18	ATG	TAA	0	0	
mORF_-_1014885	1014885	1015052	-	4	168	GTG	TAA	0	0	
mORF_-_1014892	1014892	1014939	-	5	48	ATG	TGA	0	0	
mORF_-_1014988	1014988	1014999	-	5	12	ATG	TGA	0	0	
mORF_-_1015010	1015010	1015045	-	6	36	TTG	TGA	0	0	
mORF_-_1015042	1015042	1015080	-	5	39	ATG	TGA	2	5	pORF_-_1015042
mORF_-_1015049	1015049	1015135	-	6	87	ATG	TGA	0	0	
mORF_-_1015175	1015175	1015891	-	6	717	GTG	TGA	40	409	pORF_-_1015175
mORF_-_1015231	1015231	1015260	-	5	30	ATG	TGA	0	0	
mORF_-_1015276	1015276	1015293	-	5	18	TTG	TGA	0	0	
mORF_-_1015357	1015357	1015368	-	5	12	TTG	TGA	0	0	
mORF_-_1015386	1015386	1015499	-	4	114	GTG	TAA	0	0	
mORF_-_1015420	1015420	1015554	-	5	135	GTG	TAG	0	0	
mORF_-_1015564	1015564	1015578	-	5	15	GTG	TGA	0	0	
mORF_-_1015588	1015588	1015653	-	5	66	TTG	TGA	0	0	
mORF_-_1015708	1015708	1015755	-	5	48	TTG	TAA	0	0	
mORF_-_1015713	1015713	1015724	-	4	12	GTG	TAA	0	0	
mORF_-_1015762	1015762	1017522	-	5	1761	TTG	TGA	8	27	pORF_-_1015762
mORF_-_1015863	1015863	1015886	-	4	24	ATG	TGA	0	0	
mORF_-_1015923	1015923	1015928	-	4	6	ATG	TGA	0	0	
mORF_-_1015971	1015971	1015982	-	4	12	GTG	TGA	0	0	
mORF_-_1015992	1015992	1016027	-	4	36	GTG	TAA	0	0	
mORF_-_1016040	1016040	1016087	-	4	48	ATG	TAA	0	0	
mORF_-_1016045	1016045	1016059	-	6	15	TTG	TGA	0	0	
mORF_-_1016088	1016088	1016096	-	4	9	GTG	TAA	0	0	
mORF_-_1016154	1016154	1016165	-	4	12	ATG	TGA	0	0	
mORF_-_1016181	1016181	1016243	-	4	63	TTG	TGA	0	0	
mORF_-_1016247	1016247	1016279	-	4	33	TTG	TGA	0	0	
mORF_-_1016316	1016316	1016498	-	4	183	TTG	TGA	0	0	
mORF_-_1016499	1016499	1016564	-	4	66	GTG	TGA	0	0	

mORF_-_1016537	1016537	1016560	-	6	24	ATG	TGA	0	0	
mORF_-_1016583	1016583	1016726	-	4	144	ATG	TAA	0	0	
mORF_-_1016612	1016612	1016617	-	6	6	GTG	TGA	0	0	
mORF_-_1016633	1016633	1016653	-	6	21	GTG	TAA	0	0	
mORF_-_1016750	1016750	1016785	-	6	36	GTG	TAA	0	0	
mORF_-_1016790	1016790	1016828	-	4	39	TTG	TAA	0	0	
mORF_-_1016922	1016922	1016984	-	4	63	TTG	TGA	0	0	
mORF_-_1016996	1016996	1017022	-	6	27	GTG	TAA	0	0	
mORF_-_1017009	1017009	1017137	-	4	129	TTG	TGA	0	0	
mORF_-_1017153	1017153	1017173	-	4	21	TTG	TAG	0	0	
mORF_-_1017180	1017180	1017206	-	4	27	GTG	TAA	0	0	
mORF_-_1017207	1017207	1017305	-	4	99	TTG	TGA	0	0	
mORF_-_1017312	1017312	1017440	-	4	129	TTG	TGA	0	0	
mORF_-_1017441	1017441	1017506	-	4	66	TTG	TGA	0	0	
mORF_-_1017494	1017494	1017502	-	6	9	ATG	TGA	0	0	
mORF_-_1017535	1017535	1017630	-	5	96	GTG	TAA	0	0	
mORF_-_1017558	1017558	1017614	-	4	57	ATG	TAA	0	0	
mORF_-_1017575	1017575	1017583	-	6	9	GTG	TAG	0	0	
mORF_-_1017627	1017627	1017653	-	4	27	GTG	TGA	0	0	
mORF_-_1017650	1017650	1017697	-	6	48	ATG	TGA	0	0	
mORF_-_1017684	1017684	1017773	-	4	90	ATG	TAA	0	0	
mORF_-_1017716	1017716	1017793	-	6	78	GTG	TGA	0	0	
mORF_-_1017786	1017786	1018013	-	4	228	TTG	TAA	0	0	
mORF_-_1017797	1017797	1017979	-	6	183	TTG	TAA	0	0	
mORF_-_1017907	1017907	1017936	-	5	30	TTG	TGA	0	0	
mORF_-_1018000	1018000	1018143	-	5	144	ATG	TAA	0	0	
mORF_-_1018067	1018067	1018093	-	6	27	TTG	TGA	0	0	
mORF_-_1018171	1018171	1018179	-	5	9	TTG	TGA	0	0	
mORF_-_1018176	1018176	1018193	-	4	18	TTG	TGA	0	0	
mORF_-_1018236	1018236	1019348	-	4	1113	GTG	TAA	164	8377	pORF_-_1018236
mORF_-_1018253	1018253	1018258	-	6	6	TTG	TAA	0	0	
mORF_-_1018316	1018316	1018327	-	6	12	GTG	TGA	0	0	
mORF_-_1018334	1018334	1018384	-	6	51	GTG	TGA	0	0	
mORF_-_1018421	1018421	1018510	-	6	90	TTG	TGA	0	0	
mORF_-_1018625	1018625	1018678	-	6	54	TTG	TGA	0	0	
mORF_-_1018679	1018679	1018720	-	6	42	GTG	TAG	0	0	
mORF_-_1018727	1018727	1018921	-	6	195	GTG	TGA	0	0	
mORF_-_1018768	1018768	1018788	-	5	21	GTG	TGA	0	0	
mORF_-_1018894	1018894	1018911	-	5	18	ATG	TAA	0	0	
mORF_-_1018976	1018976	1019014	-	6	39	TTG	TGA	0	0	
mORF_-_1019039	1019039	1019185	-	6	147	GTG	TAG	0	0	
mORF_-_1019222	1019222	1019254	-	6	33	TTG	TAG	0	0	
mORF_-_1019273	1019273	1019296	-	6	24	ATG	TGA	0	0	
mORF_-_1019293	1019293	1019364	-	5	72	TTG	TGA	0	0	
mORF_-_1019373	1019373	1019402	-	4	30	GTG	TAG	0	0	
mORF_-_1019420	1019420	1019464	-	6	45	ATG	TAG	0	0	
mORF_-_1019439	1019439	1019444	-	4	6	TTG	TAA	0	0	
mORF_-_1019457	1019457	1019588	-	4	132	ATG	TGA	0	0	
mORF_-_1019545	1019545	1019562	-	5	18	TTG	TGA	0	0	
mORF_-_1019573	1019573	1019602	-	6	30	TTG	TGA	0	0	
mORF_-_1019633	1019633	1020148	-	6	516	TTG	TAA	0	0	
mORF_-_1019698	1019698	1019760	-	5	63	ATG	TAA	0	0	
mORF_-_1019773	1019773	1019781	-	5	9	ATG	TGA	0	0	
mORF_-_1019778	1019778	1019855	-	4	78	TTG	TGA	0	0	
mORF_-_1019797	1019797	1019805	-	5	9	GTG	TGA	0	0	
mORF_-_1019868	1019868	1019915	-	4	48	ATG	TAG	0	0	
mORF_-_1020010	1020010	1020126	-	5	117	ATG	TGA	0	0	
mORF_-_1020087	1020087	1020200	-	4	114	TTG	TAA	0	0	
mORF_-_1020145	1020145	1020207	-	5	63	TTG	TGA	0	0	
mORF_-_1020164	1020164	1020187	-	6	24	ATG	TAA	0	0	
mORF_-_1020210	1020210	1020260	-	4	51	ATG	TAG	0	0	
mORF_-_1020264	1020264	1020329	-	4	66	ATG	TAA	0	0	
mORF_-_1020359	1020359	1020568	-	6	210	ATG	TAA	0	0	

mORF_-_1020387	1020387	1020422	-	4	36	GTG	TAG	0	0	
mORF_-_1020394	1020394	1020399	-	5	6	TTG	TGA	0	0	
mORF_-_1020436	1020436	1020549	-	5	114	ATG	TGA	0	0	
mORF_-_1020450	1020450	1020599	-	4	150	TTG	TAA	0	0	
mORF_-_1020622	1020622	1020744	-	5	123	ATG	TAG	0	0	
mORF_-_1020633	1020633	1020731	-	4	99	TTG	TGA	0	0	
mORF_-_1020741	1020741	1020893	-	4	153	ATG	TGA	0	0	
mORF_-_1020773	1020773	1020808	-	6	36	TTG	TAA	0	0	
mORF_-_1020790	1020790	1021029	-	5	240	TTG	TAA	0	0	
mORF_-_1020884	1020884	1020919	-	6	36	GTG	TAA	0	0	
mORF_-_1020953	1020953	1023115	-	6	2163	ATG	TAA	2	4	pORF_-_1020953
mORF_-_1021030	1021030	1021086	-	5	57	TTG	TGA	0	0	
mORF_-_1021114	1021114	1021191	-	5	78	TTG	TAG	0	0	
mORF_-_1021167	1021167	1021178	-	4	12	TTG	TGA	0	0	
mORF_-_1021216	1021216	1021443	-	5	228	ATG	TAA	0	0	
mORF_-_1021269	1021269	1021277	-	4	9	GTG	TAA	0	0	
mORF_-_1021509	1021509	1021550	-	4	42	TTG	TGA	0	0	
mORF_-_1021525	1021525	1021554	-	5	30	TTG	TGA	0	0	
mORF_-_1021582	1021582	1021755	-	5	174	TTG	TAG	0	0	
mORF_-_1021608	1021608	1021616	-	4	9	GTG	TAA	0	0	
mORF_-_1021665	1021665	1021739	-	4	75	GTG	TAA	0	0	
mORF_-_1021765	1021765	1021779	-	5	15	TTG	TAG	0	0	
mORF_-_1021792	1021792	1021833	-	5	42	TTG	TGA	0	0	
mORF_-_1021812	1021812	1021904	-	4	93	GTG	TAA	0	0	
mORF_-_1021921	1021921	1021986	-	5	66	GTG	TAA	0	0	
mORF_-_1021987	1021987	1022085	-	5	99	TTG	TGA	0	0	
mORF_-_1022101	1022101	1022208	-	5	108	ATG	TGA	0	0	
mORF_-_1022205	1022205	1022255	-	4	51	GTG	TGA	0	0	
mORF_-_1022275	1022275	1022430	-	5	156	GTG	TGA	0	0	
mORF_-_1022476	1022476	1022640	-	5	165	TTG	TGA	0	0	
mORF_-_1022583	1022583	1022591	-	4	9	TTG	TGA	0	0	
mORF_-_1022647	1022647	1022709	-	5	63	ATG	TGA	0	0	
mORF_-_1022743	1022743	1022772	-	5	30	ATG	TGA	0	0	
mORF_-_1022821	1022821	1022835	-	5	15	TTG	TAA	0	0	
mORF_-_1022863	1022863	1022937	-	5	75	ATG	TAG	0	0	
mORF_-_1022992	1022992	1023039	-	5	48	TTG	TAA	0	0	
mORF_-_1022997	1022997	1023032	-	4	36	TTG	TGA	0	0	
mORF_-_1023100	1023100	1023156	-	5	57	GTG	TAA	0	0	
mORF_-_1023125	1023125	1023571	-	6	447	ATG	TAA	1	2	pORF_-_1023125
mORF_-_1023153	1023153	1023206	-	4	54	ATG	TGA	0	0	
mORF_-_1023175	1023175	1023288	-	5	114	TTG	TAG	0	0	
mORF_-_1023225	1023225	1023308	-	4	84	GTG	TAA	0	0	
mORF_-_1023295	1023295	1023315	-	5	21	TTG	TGA	0	0	
mORF_-_1023358	1023358	1023369	-	5	12	ATG	TGA	0	0	
mORF_-_1023385	1023385	1023417	-	5	33	ATG	TGA	0	0	
mORF_-_1023435	1023435	1023638	-	4	204	GTG	TAA	0	0	
mORF_-_1023478	1023478	1023543	-	5	66	TTG	TGA	0	0	
mORF_-_1023595	1023595	1023819	-	5	225	TTG	TGA	0	0	
mORF_-_1023653	1023653	1023658	-	6	6	GTG	TAA	0	0	
mORF_-_1023684	1023684	1023695	-	4	12	ATG	TAG	0	0	
mORF_-_1023692	1023692	1023733	-	6	42	GTG	TGA	0	0	
mORF_-_1023741	1023741	1023815	-	4	75	TTG	TAA	0	0	
mORF_-_1023820	1023820	1023954	-	5	135	GTG	TAA	0	0	
mORF_-_1023831	1023831	1023908	-	4	78	GTG	TGA	0	0	
mORF_-_1023951	1023951	1024034	-	4	84	GTG	TGA	0	0	
mORF_-_1024000	1024000	1024212	-	5	213	ATG	TAA	0	0	
mORF_-_1024170	1024170	1024514	-	4	345	GTG	TGA	0	0	
mORF_-_1024238	1024238	1024279	-	6	42	GTG	TAA	0	0	
mORF_-_1024276	1024276	1024323	-	5	48	ATG	TGA	0	0	
mORF_-_1024330	1024330	1024422	-	5	93	TTG	TAA	0	0	
mORF_-_1024486	1024486	1024674	-	5	189	TTG	TAG	0	0	
mORF_-_1024502	1024502	1024510	-	6	9	GTG	TAA	0	0	
mORF_-_1024542	1024542	1024577	-	4	36	TTG	TGA	0	0	

mORF_-_1024602	1024602	1024862	-	4	261	TTG	TGA	0	0	
mORF_-_1024613	1024613	1024825	-	6	213	GTG	TAA	0	0	
mORF_-_1024735	1024735	1024791	-	5	57	GTG	TAA	0	0	
mORF_-_1024879	1024879	1024992	-	5	114	ATG	TAA	0	0	
mORF_-_1024976	1024976	1025050	-	6	75	ATG	TGA	0	0	
mORF_-_1025010	1025010	1025057	-	4	48	TTG	TGA	0	0	
mORF_-_1025050	1025050	1025154	-	5	105	ATG	TAA	0	0	
mORF_-_1025109	1025109	1025192	-	4	84	GTG	TAA	0	0	
mORF_-_1025204	1025204	1025230	-	6	27	TTG	TAA	0	0	
mORF_-_1025241	1025241	1025309	-	4	69	GTG	TGA	0	0	
mORF_-_1025306	1025306	1025440	-	6	135	GTG	TGA	0	0	
mORF_-_1025311	1025311	1025493	-	5	183	TTG	TAA	0	0	
mORF_-_1025358	1025358	1025381	-	4	24	ATG	TAA	0	0	
mORF_-_1025403	1025403	1025474	-	4	72	ATG	TGA	0	0	
mORF_-_1025475	1025475	1025486	-	4	12	TTG	TGA	0	0	
mORF_-_1025502	1025502	1025906	-	4	405	ATG	TAA	0	0	
mORF_-_1025567	1025567	1025671	-	6	105	GTG	TAA	0	0	
mORF_-_1025626	1025626	1025769	-	5	144	GTG	TAA	0	0	
mORF_-_1025780	1025780	1026247	-	6	468	ATG	TAA	10	56	pORF_-_1025780
mORF_-_1025932	1025932	1025958	-	5	27	ATG	TGA	0	0	
mORF_-_1025980	1025980	1025991	-	5	12	TTG	TGA	0	0	
mORF_-_1026007	1026007	1026045	-	5	39	GTG	TGA	0	0	
mORF_-_1026085	1026085	1026111	-	5	27	ATG	TAA	0	0	
mORF_-_1026160	1026160	1026198	-	5	39	TTG	TGA	0	0	
mORF_-_1026229	1026229	1026282	-	5	54	GTG	TGA	0	0	
mORF_-_1026263	1026263	1026361	-	6	99	GTG	TAG	0	0	
mORF_-_1026270	1026270	1026326	-	4	57	GTG	TAA	0	0	
mORF_-_1026283	1026283	1026294	-	5	12	TTG	TAA	0	0	
mORF_-_1026334	1026334	1026996	-	5	663	ATG	TGA	1	2	pORF_-_1026334
mORF_-_1026398	1026398	1026406	-	6	9	TTG	TAA	0	0	
mORF_-_1026411	1026411	1026491	-	4	81	ATG	TGA	0	0	
mORF_-_1026498	1026498	1026572	-	4	75	TTG	TGA	0	0	
mORF_-_1026612	1026612	1026809	-	4	198	TTG	TAA	0	0	
mORF_-_1026819	1026819	1026968	-	4	150	TTG	TAG	0	0	
mORF_-_1026845	1026845	1027039	-	6	195	TTG	TGA	0	0	
mORF_-_1027036	1027036	1027206	-	5	171	GTG	TGA	0	0	
mORF_-_1027062	1027062	1027097	-	4	36	ATG	TAG	0	0	
mORF_-_1027107	1027107	1027232	-	4	126	TTG	TAA	0	0	
mORF_-_1027196	1027196	1027210	-	6	15	GTG	TAA	0	0	
mORF_-_1027207	1027207	1027239	-	5	33	TTG	TGA	0	0	
mORF_-_1027274	1027274	1027294	-	6	21	GTG	TAG	0	0	
mORF_-_1027291	1027291	1027578	-	5	288	TTG	TGA	1	4	pORF_-_1027291
mORF_-_1027296	1027296	1027430	-	4	135	GTG	TGA	0	0	
mORF_-_1027406	1027406	1027492	-	6	87	TTG	TGA	0	0	
mORF_-_1027482	1027482	1027508	-	4	27	GTG	TAA	0	0	
mORF_-_1027520	1027520	1027600	-	6	81	TTG	TAA	0	0	
mORF_-_1027620	1027620	1027709	-	4	90	ATG	TGA	0	0	
mORF_-_1027627	1027627	1027995	-	5	369	ATG	TAA	2	4	pORF_-_1027627
mORF_-_1027766	1027766	1027795	-	6	30	GTG	TAA	0	0	
mORF_-_1027782	1027782	1027817	-	4	36	ATG	TAG	0	0	
mORF_-_1027818	1027818	1027832	-	4	15	ATG	TGA	0	0	
mORF_-_1027844	1027844	1027993	-	6	150	GTG	TGA	0	0	
mORF_-_1027893	1027893	1027940	-	4	48	TTG	TAG	0	0	
mORF_-_1027965	1027965	1028021	-	4	57	TTG	TAA	0	0	
mORF_-_1028002	1028002	1029192	-	5	1191	ATG	TAA	23	87	pORF_-_1028002
mORF_-_1028091	1028091	1028129	-	4	39	ATG	TAG	0	0	
mORF_-_1028184	1028184	1028204	-	4	21	ATG	TGA	0	0	
mORF_-_1028205	1028205	1028246	-	4	42	GTG	TGA	0	0	
mORF_-_1028237	1028237	1028251	-	6	15	GTG	TAA	0	0	
mORF_-_1028259	1028259	1028282	-	4	24	TTG	TGA	0	0	
mORF_-_1028298	1028298	1028369	-	4	72	TTG	TGA	0	0	
mORF_-_1028397	1028397	1028456	-	4	60	TTG	TGA	0	0	
mORF_-_1028444	1028444	1028467	-	6	24	TTG	TGA	0	0	

mORF_-_1028475	1028475	1028498	-	4	24	GTG	TGA	0	0	
mORF_-_1028517	1028517	1028567	-	4	51	GTG	TGA	0	0	
mORF_-_1028622	1028622	1028639	-	4	18	TTG	TGA	0	0	
mORF_-_1028685	1028685	1028768	-	4	84	GTG	TGA	0	0	
mORF_-_1028705	1028705	1028743	-	6	39	ATG	TAA	0	0	
mORF_-_1028772	1028772	1028804	-	4	33	GTG	TAA	0	0	
mORF_-_1028805	1028805	1028864	-	4	60	ATG	TGA	0	0	
mORF_-_1028880	1028880	1028990	-	4	111	TTG	TAA	0	0	
mORF_-_1028921	1028921	1028929	-	6	9	ATG	TGA	0	0	
mORF_-_1028987	1028987	1029049	-	6	63	ATG	TGA	0	0	
mORF_-_1029042	1029042	1029113	-	4	72	TTG	TAG	0	0	
mORF_-_1029095	1029095	1029133	-	6	39	GTG	TAA	0	0	
mORF_-_1029177	1029177	1029188	-	4	12	GTG	TAG	0	0	
mORF_-_1029189	1029189	1029356	-	4	168	GTG	TGA	0	0	
mORF_-_1029196	1029196	1029303	-	5	108	ATG	TAA	0	0	
mORF_-_1029227	1029227	1029247	-	6	21	ATG	TGA	0	0	
mORF_-_1029346	1029346	1029396	-	5	51	TTG	TAG	0	0	
mORF_-_1029470	1029470	1029529	-	6	60	ATG	TAA	0	0	
mORF_-_1029542	1029542	1029571	-	6	30	ATG	TAA	0	0	
mORF_-_1029562	1029562	1029948	-	5	387	ATG	TAA	2	4	pORF_-_1029562
mORF_-_1029573	1029573	1029671	-	4	99	TTG	TAA	0	0	
mORF_-_1029690	1029690	1029800	-	4	111	TTG	TAA	0	0	
mORF_-_1029801	1029801	1029821	-	4	21	GTG	TGA	0	0	
mORF_-_1029818	1029818	1029826	-	6	9	GTG	TGA	0	0	
mORF_-_1029905	1029905	1029931	-	6	27	TTG	TAA	0	0	
mORF_-_1029909	1029909	1029938	-	4	30	TTG	TGA	0	0	
mORF_-_1029982	1029982	1030641	-	5	660	ATG	TAA	0	0	
mORF_-_1030011	1030011	1030109	-	4	99	TTG	TGA	0	0	
mORF_-_1030131	1030131	1030202	-	4	72	TTG	TGA	0	0	
mORF_-_1030203	1030203	1030217	-	4	15	TTG	TGA	0	0	
mORF_-_1030266	1030266	1030274	-	4	9	ATG	TGA	0	0	
mORF_-_1030326	1030326	1030334	-	4	9	GTG	TAA	0	0	
mORF_-_1030455	1030455	1030463	-	4	9	ATG	TGA	0	0	
mORF_-_1030557	1030557	1030649	-	4	93	GTG	TGA	0	0	
mORF_-_1030646	1030646	1030720	-	6	75	ATG	TGA	0	0	
mORF_-_1030668	1030668	1030703	-	4	36	GTG	TAA	0	0	
mORF_-_1030713	1030713	1030730	-	4	18	ATG	TAA	0	0	
mORF_-_1030747	1030747	1030806	-	5	60	TTG	TAA	0	0	
mORF_-_1030761	1030761	1030769	-	4	9	ATG	TGA	0	0	
mORF_-_1030769	1030769	1030825	-	6	57	ATG	TAA	0	0	
mORF_-_1030843	1030843	1031019	-	5	177	ATG	TAA	0	0	
mORF_-_1030914	1030914	1030958	-	4	45	ATG	TGA	0	0	
mORF_-_1030949	1030949	1031050	-	6	102	ATG	TAG	0	0	
mORF_-_1031047	1031047	1031061	-	5	15	ATG	TGA	0	0	
mORF_-_1031076	1031076	1031108	-	4	33	GTG	TAA	0	0	
mORF_-_1031084	1031084	1031209	-	6	126	TTG	TAA	0	0	
mORF_-_1031095	1031095	1031193	-	5	99	GTG	TAG	0	0	
mORF_-_1031203	1031203	1031343	-	5	141	TTG	TAA	0	0	
mORF_-_1031256	1031256	1031267	-	4	12	GTG	TGA	0	0	
mORF_-_1031264	1031264	1031380	-	6	117	ATG	TGA	0	0	
mORF_-_1031382	1031382	1031393	-	4	12	ATG	TAA	0	0	
mORF_-_1031400	1031400	1031549	-	4	150	GTG	TGA	0	0	
mORF_-_1031426	1031426	1031482	-	6	57	TTG	TGA	0	0	
mORF_-_1031461	1031461	1032324	-	5	864	ATG	TAA	1	2	pORF_-_1031461
mORF_-_1031567	1031567	1031587	-	6	21	GTG	TAA	0	0	
mORF_-_1031580	1031580	1031603	-	4	24	ATG	TGA	0	0	
mORF_-_1031625	1031625	1031975	-	4	351	ATG	TAA	0	0	
mORF_-_1031822	1031822	1031890	-	6	69	TTG	TAA	0	0	
mORF_-_1031979	1031979	1031984	-	4	6	ATG	TAA	0	0	
mORF_-_1032066	1032066	1032131	-	4	66	TTG	TAG	0	0	
mORF_-_1032135	1032135	1032173	-	4	39	GTG	TAA	0	0	
mORF_-_1032167	1032167	1032223	-	6	57	TTG	TAG	0	0	
mORF_-_1032174	1032174	1032194	-	4	21	GTG	TAG	0	0	

mORF_-_1032321	1032321	1032329	-	4	9	GTG	TGA	0	0
mORF_-_1032346	1032346	1032450	-	5	105	ATG	TAA	0	0
mORF_-_1032434	1032434	1032484	-	6	51	GTG	TAG	0	0
mORF_-_1032450	1032450	1032566	-	4	117	GTG	TGA	0	0
mORF_-_1032497	1032497	1032568	-	6	72	ATG	TGA	0	0
mORF_-_1032593	1032593	1032652	-	6	60	ATG	TGA	0	0
mORF_-_1032654	1032654	1032842	-	4	189	GTG	TAG	0	0
mORF_-_1032740	1032740	1032802	-	6	63	ATG	TAA	0	0
mORF_-_1032802	1032802	1032951	-	5	150	ATG	TAA	0	0
mORF_-_1032879	1032879	1032926	-	4	48	TTG	TAA	0	0
mORF_-_1032948	1032948	1033163	-	4	216	ATG	TGA	0	0
mORF_-_1032959	1032959	1033027	-	6	69	TTG	TAG	0	0
mORF_-_1033031	1033031	1033054	-	6	24	TTG	TAG	0	0
mORF_-_1033091	1033091	1033321	-	6	231	ATG	TAG	0	0
mORF_-_1033126	1033126	1033167	-	5	42	TTG	TGA	0	0
mORF_-_1033231	1033231	1033263	-	5	33	TTG	TGA	0	0
mORF_-_1033314	1033314	1033568	-	4	255	ATG	TAA	0	0
mORF_-_1033325	1033325	1033357	-	6	33	GTG	TGA	0	0
mORF_-_1033381	1033381	1033395	-	5	15	ATG	TGA	0	0
mORF_-_1033385	1033385	1033549	-	6	165	TTG	TAG	0	0
mORF_-_1033565	1033565	1033633	-	6	69	ATG	TGA	0	0
mORF_-_1033658	1033658	1033723	-	6	66	GTG	TAG	0	0
mORF_-_1033669	1033669	1033956	-	5	288	TTG	TGA	0	0
mORF_-_1033725	1033725	1033739	-	4	15	GTG	TAA	0	0
mORF_-_1033736	1033736	1034041	-	6	306	TTG	TGA	0	0
mORF_-_1033821	1033821	1033847	-	4	27	GTG	TAA	0	0
mORF_-_1033987	1033987	1034220	-	5	234	GTG	TAA	0	0
mORF_-_1034010	1034010	1034189	-	4	180	GTG	TAA	0	0
mORF_-_1034051	1034051	1034101	-	6	51	TTG	TAG	0	0
mORF_-_1034117	1034117	1034143	-	6	27	TTG	TAA	0	0
mORF_-_1034214	1034214	1034354	-	4	141	GTG	TGA	0	0
mORF_-_1034267	1034267	1034308	-	6	42	TTG	TAA	0	0
mORF_-_1034321	1034321	1034410	-	6	90	TTG	TAG	0	0
mORF_-_1034459	1034459	1034464	-	6	6	ATG	TAG	0	0
mORF_-_1034469	1034469	1034750	-	4	282	GTG	TAA	0	0
mORF_-_1034522	1034522	1034671	-	6	150	ATG	TAG	0	0
mORF_-_1034563	1034563	1034637	-	5	75	TTG	TAA	0	0
mORF_-_1034693	1034693	1034725	-	6	33	GTG	TAG	0	0
mORF_-_1034761	1034761	1034820	-	5	60	TTG	TAG	0	0
mORF_-_1034798	1034798	1034827	-	6	30	ATG	TAG	0	0
mORF_-_1034817	1034817	1034960	-	4	144	GTG	TGA	0	0
mORF_-_1034885	1034885	1034944	-	6	60	TTG	TAG	0	0
mORF_-_1034941	1034941	1035030	-	5	90	TTG	TGA	0	0
mORF_-_1034948	1034948	1035595	-	6	648	ATG	TAG	0	0
mORF_-_1035130	1035130	1035192	-	5	63	ATG	TGA	0	0
mORF_-_1035226	1035226	1035243	-	5	18	ATG	TAG	0	0
mORF_-_1035255	1035255	1035407	-	4	153	GTG	TGA	0	0
mORF_-_1035379	1035379	1035501	-	5	123	TTG	TAG	0	0
mORF_-_1035498	1035498	1035719	-	4	222	GTG	TGA	0	0
mORF_-_1035526	1035526	1035675	-	5	150	TTG	TAA	0	0
mORF_-_1035728	1035728	1035784	-	6	57	ATG	TGA	0	0
mORF_-_1035777	1035777	1035860	-	4	84	GTG	TAG	0	0
mORF_-_1035862	1035862	1035909	-	5	48	GTG	TAA	0	0
mORF_-_1035869	1035869	1036054	-	6	186	GTG	TAA	0	0
mORF_-_1035906	1035906	1036106	-	4	201	GTG	TGA	0	0
mORF_-_1036030	1036030	1036044	-	5	15	GTG	TGA	0	0
mORF_-_1036137	1036137	1036148	-	4	12	TTG	TAA	0	0
mORF_-_1036145	1036145	1036207	-	6	63	TTG	TGA	0	0
mORF_-_1036149	1036149	1036163	-	4	15	TTG	TAG	0	0
mORF_-_1036197	1036197	1036223	-	4	27	GTG	TAA	0	0
mORF_-_1036220	1036220	1036267	-	6	48	ATG	TGA	0	0
mORF_-_1036228	1036228	1036500	-	5	273	GTG	TGA	0	0
mORF_-_1036268	1036268	1036555	-	6	288	ATG	TGA	0	0

mORF_-_1036320	1036320	1036415	-	4	96	TTG	TAA	0	0
mORF_-_1036473	1036473	1036487	-	4	15	ATG	TAG	0	0
mORF_-_1036491	1036491	1036547	-	4	57	TTG	TAA	0	0
mORF_-_1036555	1036555	1036584	-	5	30	GTG	TGA	0	0
mORF_-_1036607	1036607	1036621	-	6	15	ATG	TGA	0	0
mORF_-_1036637	1036637	1036690	-	6	54	GTG	TAG	0	0
mORF_-_1036642	1036642	1036731	-	5	90	TTG	TGA	0	0
mORF_-_1036656	1036656	1036673	-	4	18	ATG	TAA	0	0
mORF_-_1036786	1036786	1036923	-	5	138	ATG	TAA	0	0
mORF_-_1036856	1036856	1036870	-	6	15	TTG	TAA	0	0
mORF_-_1036923	1036923	1036976	-	4	54	ATG	TAA	0	0
mORF_-_1036981	1036981	1037019	-	5	39	GTG	TAA	0	0
mORF_-_1037016	1037016	1037078	-	4	63	ATG	TGA	0	0
mORF_-_1037079	1037079	1037096	-	4	18	TTG	TAA	0	0
mORF_-_1037087	1037087	1037101	-	6	15	TTG	TGA	0	0
mORF_-_1037103	1037103	1037180	-	4	78	ATG	TAG	0	0
mORF_-_1037198	1037198	1037374	-	6	177	TTG	TAG	0	0
mORF_-_1037211	1037211	1037219	-	4	9	TTG	TAG	0	0
mORF_-_1037220	1037220	1037522	-	4	303	GTG	TAG	0	0
mORF_-_1037263	1037263	1037340	-	5	78	GTG	TAA	0	0
mORF_-_1037371	1037371	1037520	-	5	150	GTG	TGA	0	0
mORF_-_1037535	1037535	1037627	-	4	93	ATG	TAG	0	0
mORF_-_1037567	1037567	1037611	-	6	45	ATG	TGA	0	0
mORF_-_1037611	1037611	1037799	-	5	189	TTG	TAA	0	0
mORF_-_1037654	1037654	1037764	-	6	111	GTG	TAA	0	0
mORF_-_1037796	1037796	1037852	-	4	57	GTG	TGA	0	0
mORF_-_1037819	1037819	1037992	-	6	174	ATG	TGA	0	0
mORF_-_1037836	1037836	1037856	-	5	21	GTG	TAG	0	0
mORF_-_1037860	1037860	1037919	-	5	60	TTG	TAA	0	0
mORF_-_1037904	1037904	1037966	-	4	63	TTG	TAG	0	0
mORF_-_1037941	1037941	1038060	-	5	120	ATG	TAA	0	0
mORF_-_1038018	1038018	1038026	-	4	9	ATG	TAG	0	0
mORF_-_1038057	1038057	1038065	-	4	9	GTG	TGA	0	0
mORF_-_1038062	1038062	1038073	-	6	12	GTG	TGA	0	0
mORF_-_1038105	1038105	1038206	-	4	102	TTG	TGA	0	0
mORF_-_1038163	1038163	1038219	-	5	57	ATG	TAG	0	0
mORF_-_1038287	1038287	1038385	-	6	99	GTG	TAA	0	0
mORF_-_1038306	1038306	1038392	-	4	87	ATG	TGA	0	0
mORF_-_1038331	1038331	1038351	-	5	21	GTG	TAA	0	0
mORF_-_1038358	1038358	1038372	-	5	15	TTG	TAA	0	0
mORF_-_1038389	1038389	1038520	-	6	132	ATG	TGA	0	0
mORF_-_1038405	1038405	1038410	-	4	6	GTG	TAA	0	0
mORF_-_1038418	1038418	1038498	-	5	81	TTG	TAA	0	0
mORF_-_1038432	1038432	1038686	-	4	255	GTG	TAG	0	0
mORF_-_1038517	1038517	1038537	-	5	21	ATG	TGA	0	0
mORF_-_1038527	1038527	1038697	-	6	171	TTG	TAA	0	0
mORF_-_1038583	1038583	1038858	-	5	276	GTG	TAA	0	0
mORF_-_1038804	1038804	1038974	-	4	171	TTG	TGA	0	0
mORF_-_1038833	1038833	1038967	-	6	135	GTG	TAA	0	0
mORF_-_1038964	1038964	1039020	-	5	57	ATG	TGA	0	0
mORF_-_1038975	1038975	1039007	-	4	33	TTG	TAA	0	0
mORF_-_1039026	1039026	1039067	-	4	42	TTG	TAA	0	0
mORF_-_1039042	1039042	1039143	-	5	102	GTG	TGA	0	0
mORF_-_1039080	1039080	1039109	-	4	30	ATG	TAA	0	0
mORF_-_1039106	1039106	1039132	-	6	27	TTG	TGA	0	0
mORF_-_1039175	1039175	1039240	-	6	66	TTG	TAA	0	0
mORF_-_1039225	1039225	1039404	-	5	180	ATG	TAG	0	0
mORF_-_1039364	1039364	1039459	-	6	96	ATG	TAA	0	0
mORF_-_1039401	1039401	1039412	-	4	12	TTG	TGA	0	0
mORF_-_1039456	1039456	1039467	-	5	12	TTG	TGA	0	0
mORF_-_1039514	1039514	1039564	-	6	51	ATG	TGA	0	0
mORF_-_1039531	1039531	1039803	-	5	273	TTG	TAA	0	0
mORF_-_1039574	1039574	1039579	-	6	6	GTG	TAG	0	0

mORF_-_1039592	1039592	1039612	-	6	21	ATG	TAG	0	0	
mORF_-_1039652	1039652	1039720	-	6	69	GTG	TAG	0	0	
mORF_-_1039785	1039785	1039835	-	4	51	ATG	TAA	0	0	
mORF_-_1039796	1039796	1039900	-	6	105	ATG	TGA	0	0	
mORF_-_1039882	1039882	1039986	-	5	105	TTG	TAA	0	0	
mORF_-_1039946	1039946	1039972	-	6	27	TTG	TGA	0	0	
mORF_-_1039953	1039953	1040003	-	4	51	GTG	TGA	0	0	
mORF_-_1040000	1040000	1040050	-	6	51	GTG	TGA	0	0	
mORF_-_1040065	1040065	1040244	-	5	180	ATG	TAG	0	0	
mORF_-_1040148	1040148	1040639	-	4	492	GTG	TGA	0	0	
mORF_-_1040159	1040159	1040233	-	6	75	TTG	TAA	0	0	
mORF_-_1040287	1040287	1040307	-	5	21	TTG	TAG	0	0	
mORF_-_1040339	1040339	1040359	-	6	21	TTG	TGA	0	0	
mORF_-_1040356	1040356	1040427	-	5	72	TTG	TGA	0	0	
mORF_-_1040414	1040414	1040431	-	6	18	TTG	TAA	0	0	
mORF_-_1040441	1040441	1040491	-	6	51	ATG	TAA	0	0	
mORF_-_1040498	1040498	1040584	-	6	87	GTG	TGA	0	0	
mORF_-_1040548	1040548	1040580	-	5	33	TTG	TGA	0	0	
mORF_-_1040615	1040615	1040626	-	6	12	GTG	TGA	0	0	
mORF_-_1040623	1040623	1040628	-	5	6	GTG	TGA	0	0	
mORF_-_1040644	1040644	1040664	-	5	21	TTG	TAG	0	0	
mORF_-_1040667	1040667	1040855	-	4	189	TTG	TAA	0	0	
mORF_-_1040674	1040674	1040679	-	5	6	TTG	TAG	0	0	
mORF_-_1040719	1040719	1040760	-	5	42	TTG	TAA	0	0	
mORF_-_1040729	1040729	1040782	-	6	54	ATG	TGA	0	0	
mORF_-_1040791	1040791	1040814	-	5	24	GTG	TGA	0	0	
mORF_-_1040819	1040819	1040845	-	6	27	GTG	TAG	0	0	
mORF_-_1040852	1040852	1041007	-	6	156	ATG	TGA	0	0	
mORF_-_1040871	1040871	1040885	-	4	15	GTG	TGA	0	0	
mORF_-_1040949	1040949	1041155	-	4	207	ATG	TGA	0	0	
mORF_-_1041007	1041007	1041099	-	5	93	TTG	TAA	0	0	
mORF_-_1041092	1041092	1041244	-	6	153	GTG	TAA	0	0	
mORF_-_1041156	1041156	1041188	-	4	33	TTG	TGA	0	0	
mORF_-_1041201	1041201	1041236	-	4	36	ATG	TAG	0	0	
mORF_-_1041253	1041253	1043433	-	5	2181	ATG	TAA	1	2	pORF_-_1041253
mORF_-_1041324	1041324	1041332	-	4	9	ATG	TGA	0	0	
mORF_-_1041408	1041408	1041470	-	4	63	GTG	TGA	0	0	
mORF_-_1041467	1041467	1041529	-	6	63	ATG	TGA	0	0	
mORF_-_1041471	1041471	1041500	-	4	30	TTG	TGA	0	0	
mORF_-_1041600	1041600	1041623	-	4	24	TTG	TGA	0	0	
mORF_-_1041633	1041633	1041686	-	4	54	ATG	TGA	0	0	
mORF_-_1041690	1041690	1041737	-	4	48	TTG	TGA	0	0	
mORF_-_1041768	1041768	1041821	-	4	54	GTG	TGA	0	0	
mORF_-_1041855	1041855	1042034	-	4	180	ATG	TGA	1	9	pORF_-_1041855
mORF_-_1042001	1042001	1042012	-	6	12	GTG	TAA	0	0	
mORF_-_1042074	1042074	1042145	-	4	72	TTG	TAG	0	0	
mORF_-_1042173	1042173	1042229	-	4	57	GTG	TGA	0	0	
mORF_-_1042245	1042245	1042286	-	4	42	GTG	TGA	0	0	
mORF_-_1042296	1042296	1042304	-	4	9	GTG	TAG	0	0	
mORF_-_1042359	1042359	1042409	-	4	51	GTG	TGA	0	0	
mORF_-_1042464	1042464	1042487	-	4	24	TTG	TGA	0	0	
mORF_-_1042491	1042491	1042628	-	4	138	TTG	TGA	0	0	
mORF_-_1042710	1042710	1042727	-	4	18	GTG	TGA	0	0	
mORF_-_1042827	1042827	1042835	-	4	9	TTG	TGA	0	0	
mORF_-_1042872	1042872	1042964	-	4	93	TTG	TGA	0	0	
mORF_-_1042974	1042974	1042994	-	4	21	ATG	TGA	0	0	
mORF_-_1042995	1042995	1043033	-	4	39	GTG	TGA	0	0	
mORF_-_1043049	1043049	1043096	-	4	48	TTG	TAA	0	0	
mORF_-_1043112	1043112	1043123	-	4	12	TTG	TGA	0	0	
mORF_-_1043205	1043205	1043243	-	4	39	TTG	TGA	0	0	
mORF_-_1043322	1043322	1043387	-	4	66	ATG	TGA	0	0	
mORF_-_1043339	1043339	1043353	-	6	15	ATG	TAA	0	0	
mORF_-_1043440	1043440	1043628	-	5	189	TTG	TAA	0	0	

mORF_-_1043448	1043448	1043477	-	4	30	ATG	TGA	0	0	
mORF_-_1043453	1043453	1043911	-	6	459	GTG	TAA	0	0	
mORF_-_1043532	1043532	1043570	-	4	39	ATG	TAA	0	0	
mORF_-_1043653	1043653	1043751	-	5	99	ATG	TGA	0	0	
mORF_-_1043764	1043764	1043781	-	5	18	GTG	TAA	0	0	
mORF_-_1043797	1043797	1043835	-	5	39	TTG	TAA	0	0	
mORF_-_1043814	1043814	1043864	-	4	51	TTG	TAA	0	0	
mORF_-_1043887	1043887	1045047	-	5	1161	TTG	TAA	0	0	
mORF_-_1043925	1043925	1043933	-	4	9	ATG	TGA	0	0	
mORF_-_1043930	1043930	1043980	-	6	51	TTG	TGA	0	0	
mORF_-_1043967	1043967	1044026	-	4	60	TTG	TGA	0	0	
mORF_-_1044048	1044048	1044071	-	4	24	ATG	TGA	0	0	
mORF_-_1044072	1044072	1044155	-	4	84	ATG	TGA	0	0	
mORF_-_1044219	1044219	1044245	-	4	27	GTG	TGA	0	0	
mORF_-_1044261	1044261	1044332	-	4	72	GTG	TGA	0	0	
mORF_-_1044339	1044339	1044347	-	4	9	ATG	TGA	0	0	
mORF_-_1044366	1044366	1044407	-	4	42	ATG	TAA	0	0	
mORF_-_1044414	1044414	1044440	-	4	27	ATG	TGA	0	0	
mORF_-_1044450	1044450	1044560	-	4	111	TTG	TGA	0	0	
mORF_-_1044624	1044624	1044686	-	4	63	GTG	TGA	0	0	
mORF_-_1044747	1044747	1044848	-	4	102	TTG	TGA	0	0	
mORF_-_1044849	1044849	1044959	-	4	111	TTG	TGA	0	0	
mORF_-_1044929	1044929	1044967	-	6	39	ATG	TAA	0	0	
mORF_-_1045062	1045062	1045082	-	4	21	TTG	TAA	0	0	
mORF_-_1045072	1045072	1047168	-	5	2097	ATG	TAA	1	5	pORF_-_1045072
mORF_-_1045104	1045104	1045151	-	4	48	GTG	TGA	0	0	
mORF_-_1045148	1045148	1045168	-	6	21	GTG	TGA	0	0	
mORF_-_1045155	1045155	1045199	-	4	45	TTG	TGA	0	0	
mORF_-_1045206	1045206	1045265	-	4	60	ATG	TGA	0	0	
mORF_-_1045277	1045277	1045294	-	6	18	ATG	TAA	0	0	
mORF_-_1045299	1045299	1045373	-	4	75	TTG	TAG	0	0	
mORF_-_1045386	1045386	1045397	-	4	12	ATG	TGA	0	0	
mORF_-_1045464	1045464	1045481	-	4	18	GTG	TGA	0	0	
mORF_-_1045488	1045488	1045526	-	4	39	ATG	TGA	0	0	
mORF_-_1045527	1045527	1045610	-	4	84	ATG	TAG	0	0	
mORF_-_1045614	1045614	1045811	-	4	198	GTG	TAG	0	0	
mORF_-_1045818	1045818	1045955	-	4	138	GTG	TGA	0	0	
mORF_-_1046067	1046067	1046084	-	4	18	TTG	TGA	0	0	
mORF_-_1046103	1046103	1046213	-	4	111	TTG	TGA	0	0	
mORF_-_1046250	1046250	1046363	-	4	114	TTG	TAG	0	0	
mORF_-_1046367	1046367	1046387	-	4	21	ATG	TGA	0	0	
mORF_-_1046391	1046391	1046495	-	4	105	ATG	TGA	0	0	
mORF_-_1046474	1046474	1046527	-	6	54	GTG	TGA	0	0	
mORF_-_1046508	1046508	1046603	-	4	96	ATG	TGA	0	0	
mORF_-_1046582	1046582	1046626	-	6	45	TTG	TAG	0	0	
mORF_-_1046630	1046630	1046647	-	6	18	TTG	TAA	0	0	
mORF_-_1046637	1046637	1047059	-	4	423	TTG	TGA	0	0	
mORF_-_1046672	1046672	1046689	-	6	18	ATG	TAA	0	0	
mORF_-_1046780	1046780	1046821	-	6	42	GTG	TAA	0	0	
mORF_-_1046831	1046831	1046884	-	6	54	GTG	TAA	0	0	
mORF_-_1046888	1046888	1046938	-	6	51	ATG	TAG	0	0	
mORF_-_1047096	1047096	1047131	-	4	36	TTG	TAA	0	0	
mORF_-_1047104	1047104	1047181	-	6	78	GTG	TGA	0	0	
mORF_-_1047168	1047168	1047914	-	4	747	ATG	TGA	1	3	pORF_-_1047168
mORF_-_1047188	1047188	1047211	-	6	24	ATG	TAA	0	0	
mORF_-_1047212	1047212	1047331	-	6	120	GTG	TAA	0	0	
mORF_-_1047217	1047217	1047261	-	5	45	TTG	TGA	0	0	
mORF_-_1047295	1047295	1047303	-	5	9	GTG	TAA	0	0	
mORF_-_1047344	1047344	1047454	-	6	111	GTG	TGA	0	0	
mORF_-_1047470	1047470	1047676	-	6	207	ATG	TGA	0	0	
mORF_-_1047697	1047697	1047738	-	5	42	GTG	TAA	0	0	
mORF_-_1047719	1047719	1047730	-	6	12	GTG	TGA	0	0	
mORF_-_1047767	1047767	1047799	-	6	33	TTG	TGA	0	0	

mORF_-_1047836	1047836	1047859	-	6	24	ATG	TGA	0	0	
mORF_-_1047869	1047869	1047889	-	6	21	TTG	TAA	0	0	
mORF_-_1047911	1047911	1048555	-	6	645	GTG	TGA	0	0	
mORF_-_1047924	1047924	1048025	-	4	102	GTG	TAA	0	0	
mORF_-_1048048	1048048	1048092	-	5	45	TTG	TGA	0	0	
mORF_-_1048068	1048068	1048073	-	4	6	GTG	TAA	0	0	
mORF_-_1048105	1048105	1048116	-	5	12	TTG	TAG	0	0	
mORF_-_1048132	1048132	1048197	-	5	66	ATG	TGA	0	0	
mORF_-_1048279	1048279	1048293	-	5	15	ATG	TAA	0	0	
mORF_-_1048314	1048314	1048331	-	4	18	ATG	TAA	0	0	
mORF_-_1048348	1048348	1048386	-	5	39	ATG	TAG	0	0	
mORF_-_1048438	1048438	1048518	-	5	81	TTG	TAG	0	0	
mORF_-_1048455	1048455	1048619	-	4	165	TTG	TAA	0	0	
mORF_-_1048573	1048573	1048590	-	5	18	TTG	TAA	0	0	
mORF_-_1048595	1048595	1048630	-	6	36	ATG	TAG	0	0	
mORF_-_1048637	1048637	1048909	-	6	273	TTG	TAA	0	0	
mORF_-_1048662	1048662	1048985	-	4	324	ATG	TAA	0	0	
mORF_-_1048982	1048982	1049014	-	6	33	TTG	TGA	0	0	
mORF_-_1049016	1049016	1049126	-	4	111	GTG	TAA	0	0	
mORF_-_1049089	1049089	1049304	-	5	216	ATG	TGA	0	0	
mORF_-_1049093	1049093	1049170	-	6	78	ATG	TAG	0	0	
mORF_-_1049154	1049154	1049186	-	4	33	GTG	TGA	0	0	
mORF_-_1049187	1049187	1049192	-	4	6	GTG	TAA	0	0	
mORF_-_1049199	1049199	1049468	-	4	270	GTG	TGA	3	15	pORF_-_1049199
mORF_-_1049222	1049222	1049260	-	6	39	TTG	TGA	0	0	
mORF_-_1049285	1049285	1049362	-	6	78	ATG	TGA	0	0	
mORF_-_1049429	1049429	1049719	-	6	291	ATG	TAA	0	0	
mORF_-_1049506	1049506	1049523	-	5	18	GTG	TAA	0	0	
mORF_-_1049520	1049520	1049654	-	4	135	GTG	TGA	0	0	
mORF_-_1049599	1049599	1049691	-	5	93	TTG	TGA	0	0	
mORF_-_1049688	1049688	1049750	-	4	63	TTG	TGA	0	0	
mORF_-_1049726	1049726	1049737	-	6	12	ATG	TAA	0	0	
mORF_-_1049747	1049747	1049773	-	6	27	TTG	TGA	0	0	
mORF_-_1049764	1049764	1049841	-	5	78	ATG	TAA	0	0	
mORF_-_1049799	1049799	1049816	-	4	18	ATG	TAG	0	0	
mORF_-_1049838	1049838	1049852	-	4	15	GTG	TGA	0	0	
mORF_-_1049899	1049899	1049952	-	5	54	TTG	TAA	0	0	
mORF_-_1049903	1049903	1049959	-	6	57	TTG	TAG	0	0	
mORF_-_1049995	1049995	1050018	-	5	24	TTG	TAA	0	0	
mORF_-_1050025	1050025	1050048	-	5	24	ATG	TAG	0	0	
mORF_-_1050058	1050058	1050174	-	5	117	TTG	TAA	0	0	
mORF_-_1050135	1050135	1050143	-	4	9	GTG	TAG	0	0	
mORF_-_1050143	1050143	1050151	-	6	9	TTG	TAG	0	0	
mORF_-_1050167	1050167	1050229	-	6	63	ATG	TAA	0	0	
mORF_-_1050181	1050181	1050240	-	5	60	TTG	TGA	0	0	
mORF_-_1050186	1050186	1050398	-	4	213	TTG	TAA	0	0	
mORF_-_1050230	1050230	1050376	-	6	147	TTG	TAA	0	0	
mORF_-_1050383	1050383	1050430	-	6	48	GTG	TGA	0	0	
mORF_-_1050388	1050388	1050402	-	5	15	TTG	TAA	0	0	
mORF_-_1050408	1050408	1050506	-	4	99	TTG	TAA	0	0	
mORF_-_1050481	1050481	1050513	-	5	33	ATG	TAG	0	0	
mORF_-_1050503	1050503	1050580	-	6	78	ATG	TGA	0	0	
mORF_-_1050510	1050510	1050623	-	4	114	GTG	TGA	0	0	
mORF_-_1050517	1050517	1050555	-	5	39	TTG	TAA	0	0	
mORF_-_1050583	1050583	1050666	-	5	84	TTG	TGA	0	0	
mORF_-_1050623	1050623	1050814	-	6	192	GTG	TAG	0	0	
mORF_-_1050705	1050705	1050905	-	4	201	ATG	TAA	0	0	
mORF_-_1050886	1050886	1050945	-	5	60	ATG	TAA	0	0	
mORF_-_1050908	1050908	1050970	-	6	63	ATG	TAA	0	0	
mORF_-_1050942	1050942	1051088	-	4	147	GTG	TGA	0	0	
mORF_-_1050949	1050949	1051146	-	5	198	TTG	TGA	0	0	
mORF_-_1051085	1051085	1051090	-	6	6	TTG	TGA	0	0	
mORF_-_1051204	1051204	1051212	-	5	9	ATG	TAA	0	0	

mORF_-_1051216	1051216	1051245	-	5	30	GTG	TAA	0	0
mORF_-_1051268	1051268	1051405	-	6	138	GTG	TAA	0	0
mORF_-_1051305	1051305	1051478	-	4	174	GTG	TAA	0	0
mORF_-_1051402	1051402	1051410	-	5	9	GTG	TGA	0	0
mORF_-_1051436	1051436	1051453	-	6	18	TTG	TAA	0	0
mORF_-_1051475	1051475	1051522	-	6	48	TTG	TGA	0	0
mORF_-_1051507	1051507	1051581	-	5	75	ATG	TAG	0	0
mORF_-_1051512	1051512	1052585	-	4	1074	ATG	TAA	0	0
mORF_-_1051541	1051541	1051606	-	6	66	TTG	TAA	0	0
mORF_-_1051607	1051607	1051615	-	6	9	TTG	TGA	0	0
mORF_-_1051643	1051643	1051663	-	6	21	TTG	TAA	0	0
mORF_-_1051672	1051672	1051755	-	5	84	ATG	TAA	0	0
mORF_-_1051775	1051775	1051846	-	6	72	ATG	TAA	0	0
mORF_-_1051780	1051780	1051836	-	5	57	TTG	TAA	0	0
mORF_-_1051858	1051858	1051920	-	5	63	GTG	TAA	0	0
mORF_-_1051889	1051889	1051948	-	6	60	TTG	TGA	0	0
mORF_-_1052011	1052011	1052157	-	5	147	ATG	TAA	0	0
mORF_-_1052114	1052114	1052167	-	6	54	TTG	TGA	0	0
mORF_-_1052192	1052192	1052212	-	6	21	TTG	TAA	0	0
mORF_-_1052197	1052197	1052232	-	5	36	TTG	TGA	0	0
mORF_-_1052318	1052318	1052323	-	6	6	TTG	TAA	0	0
mORF_-_1052342	1052342	1052449	-	6	108	TTG	TGA	0	0
mORF_-_1052401	1052401	1052430	-	5	30	TTG	TAG	0	0
mORF_-_1052459	1052459	1052623	-	6	165	GTG	TGA	0	0
mORF_-_1052515	1052515	1052523	-	5	9	GTG	TGA	0	0
mORF_-_1052572	1052572	1052616	-	5	45	TTG	TAA	0	0
mORF_-_1052628	1052628	1052660	-	4	33	TTG	TAG	0	0
mORF_-_1052657	1052657	1055401	-	6	2745	GTG	TGA	0	0
mORF_-_1052668	1052668	1052709	-	5	42	GTG	TGA	0	0
mORF_-_1052679	1052679	1052807	-	4	129	TTG	TAA	0	0
mORF_-_1052815	1052815	1052832	-	5	18	GTG	TAA	0	0
mORF_-_1052836	1052836	1052898	-	5	63	ATG	TAA	0	0
mORF_-_1052877	1052877	1052921	-	4	45	ATG	TGA	0	0
mORF_-_1052944	1052944	1053129	-	5	186	TTG	TAA	0	0
mORF_-_1053130	1053130	1053222	-	5	93	TTG	TGA	0	0
mORF_-_1053247	1053247	1053291	-	5	45	GTG	TAG	0	0
mORF_-_1053298	1053298	1053309	-	5	12	TTG	TGA	0	0
mORF_-_1053325	1053325	1053342	-	5	18	TTG	TAA	0	0
mORF_-_1053343	1053343	1053447	-	5	105	TTG	TAA	0	0
mORF_-_1053363	1053363	1053434	-	4	72	TTG	TGA	0	0
mORF_-_1053544	1053544	1053636	-	5	93	ATG	TAA	0	0
mORF_-_1053588	1053588	1053626	-	4	39	ATG	TGA	0	0
mORF_-_1053669	1053669	1053746	-	4	78	GTG	TGA	0	0
mORF_-_1053736	1053736	1053762	-	5	27	TTG	TAA	0	0
mORF_-_1053808	1053808	1053879	-	5	72	GTG	TAA	0	0
mORF_-_1053922	1053922	1054044	-	5	123	ATG	TGA	0	0
mORF_-_1054186	1054186	1054215	-	5	30	ATG	TGA	0	0
mORF_-_1054219	1054219	1054323	-	5	105	TTG	TGA	0	0
mORF_-_1054281	1054281	1054379	-	4	99	TTG	TGA	0	0
mORF_-_1054369	1054369	1054563	-	5	195	GTG	TGA	0	0
mORF_-_1054612	1054612	1054653	-	5	42	TTG	TAA	0	0
mORF_-_1054681	1054681	1054719	-	5	39	ATG	TGA	0	0
mORF_-_1054750	1054750	1054791	-	5	42	ATG	TGA	0	0
mORF_-_1054792	1054792	1054824	-	5	33	TTG	TGA	0	0
mORF_-_1054825	1054825	1054842	-	5	18	GTG	TGA	0	0
mORF_-_1054873	1054873	1054956	-	5	84	ATG	TGA	0	0
mORF_-_1054969	1054969	1055124	-	5	156	ATG	TAG	0	0
mORF_-_1055124	1055124	1055171	-	4	48	GTG	TAA	0	0
mORF_-_1055131	1055131	1055190	-	5	60	GTG	TGA	0	0
mORF_-_1055181	1055181	1055450	-	4	270	ATG	TAA	0	0
mORF_-_1055356	1055356	1055364	-	5	9	TTG	TGA	0	0
mORF_-_1055398	1055398	1055457	-	5	60	ATG	TGA	0	0
mORF_-_1055414	1055414	1055608	-	6	195	TTG	TAA	0	0

mORF_-_1055502	1055502	1055585	-	4	84	TTG	TAA	0	0	
mORF_-_1055518	1055518	1055532	-	5	15	ATG	TGA	0	0	
mORF_-_1055599	1055599	1055655	-	5	57	ATG	TAA	0	0	
mORF_-_1055712	1055712	1055765	-	4	54	TTG	TAA	0	0	
mORF_-_1055735	1055735	1055818	-	6	84	GTG	TAG	0	0	
mORF_-_1055749	1055749	1055853	-	5	105	TTG	TAG	0	0	
mORF_-_1055823	1055823	1056152	-	4	330	ATG	TGA	0	0	
mORF_-_1055881	1055881	1056201	-	5	321	TTG	TAG	0	0	
mORF_-_1055939	1055939	1056184	-	6	246	ATG	TGA	0	0	
mORF_-_1056232	1056232	1056258	-	5	27	GTG	TAA	0	0	
mORF_-_1056255	1056255	1056359	-	4	105	TTG	TGA	0	0	
mORF_-_1056311	1056311	1056352	-	6	42	ATG	TGA	0	0	
mORF_-_1056360	1056360	1056371	-	4	12	TTG	TAA	0	0	
mORF_-_1056388	1056388	1056495	-	5	108	ATG	TGA	0	0	
mORF_-_1056402	1056402	1056437	-	4	36	ATG	TAA	0	0	
mORF_-_1056453	1056453	1056491	-	4	39	GTG	TGA	0	0	
mORF_-_1056485	1056485	1057177	-	6	693	ATG	TGA	3	4	pORF_-_1056485
mORF_-_1056502	1056502	1056522	-	5	21	ATG	TAG	0	0	
mORF_-_1056571	1056571	1056642	-	5	72	GTG	TAA	0	0	
mORF_-_1056667	1056667	1056690	-	5	24	ATG	TGA	0	0	
mORF_-_1056703	1056703	1056750	-	5	48	ATG	TGA	0	0	
mORF_-_1056708	1056708	1056758	-	4	51	TTG	TAA	0	0	
mORF_-_1056751	1056751	1056768	-	5	18	TTG	TGA	0	0	
mORF_-_1056847	1056847	1056921	-	5	75	TTG	TAG	0	0	
mORF_-_1056991	1056991	1057005	-	5	15	ATG	TGA	0	0	
mORF_-_1057036	1057036	1057164	-	5	129	TTG	TAG	0	0	
mORF_-_1057177	1057177	1057203	-	5	27	ATG	TGA	0	0	
mORF_-_1057187	1057187	1057234	-	6	48	ATG	TAA	0	0	
mORF_-_1057200	1057200	1057256	-	4	57	ATG	TGA	0	0	
mORF_-_1057231	1057231	1057437	-	5	207	GTG	TGA	0	0	
mORF_-_1057266	1057266	1057280	-	4	15	GTG	TAA	0	0	
mORF_-_1057280	1057280	1057288	-	6	9	ATG	TAG	0	0	
mORF_-_1057305	1057305	1057412	-	4	108	GTG	TAA	0	0	
mORF_-_1057328	1057328	1057843	-	6	516	GTG	TAG	0	0	
mORF_-_1057428	1057428	1057439	-	4	12	TTG	TGA	0	0	
mORF_-_1057546	1057546	1057599	-	5	54	TTG	TGA	0	0	
mORF_-_1057617	1057617	1057778	-	4	162	GTG	TAA	0	0	
mORF_-_1057624	1057624	1057707	-	5	84	TTG	TGA	0	0	
mORF_-_1057807	1057807	1057818	-	5	12	ATG	TGA	0	0	
mORF_-_1057825	1057825	1057920	-	5	96	GTG	TGA	0	0	
mORF_-_1057847	1057847	1058569	-	6	723	ATG	TAA	0	0	
mORF_-_1057938	1057938	1057946	-	4	9	TTG	TAA	0	0	
mORF_-_1058074	1058074	1058250	-	5	177	TTG	TGA	0	0	
mORF_-_1058247	1058247	1058312	-	4	66	GTG	TGA	0	0	
mORF_-_1058263	1058263	1058439	-	5	177	GTG	TAA	0	0	
mORF_-_1058373	1058373	1058486	-	4	114	TTG	TAA	0	0	
mORF_-_1058499	1058499	1058636	-	4	138	ATG	TGA	0	0	
mORF_-_1058506	1058506	1058529	-	5	24	TTG	TGA	0	0	
mORF_-_1058572	1058572	1059213	-	5	642	GTG	TAA	0	0	
mORF_-_1058660	1058660	1058701	-	6	42	TTG	TAG	0	0	
mORF_-_1058754	1058754	1058765	-	4	12	TTG	TGA	0	0	
mORF_-_1058781	1058781	1058888	-	4	108	ATG	TAA	0	0	
mORF_-_1059045	1059045	1059152	-	4	108	ATG	TAA	0	0	
mORF_-_1059228	1059228	1059416	-	4	189	TTG	TAA	0	0	
mORF_-_1059238	1059238	1059951	-	5	714	ATG	TAG	0	0	
mORF_-_1059293	1059293	1059298	-	6	6	ATG	TGA	0	0	
mORF_-_1059344	1059344	1059385	-	6	42	GTG	TAA	0	0	
mORF_-_1059428	1059428	1059505	-	6	78	ATG	TAG	0	0	
mORF_-_1059486	1059486	1059542	-	4	57	ATG	TGA	0	0	
mORF_-_1059708	1059708	1059725	-	4	18	GTG	TAG	0	0	
mORF_-_1059786	1059786	1059794	-	4	9	TTG	TGA	0	0	
mORF_-_1059801	1059801	1059806	-	4	6	TTG	TAG	0	0	
mORF_-_1059810	1059810	1059875	-	4	66	TTG	TAG	0	0	

mORF_-_1059932	1059932	1059940	-	6	9	ATG	TAG	0	0	
mORF_-_1059951	1059951	1060100	-	4	150	TTG	TGA	0	0	
mORF_-_1059998	1059998	1060027	-	6	30	TTG	TAA	0	0	
mORF_-_1060024	1060024	1060584	-	5	561	GTG	TGA	0	0	
mORF_-_1060101	1060101	1060283	-	4	183	TTG	TGA	0	0	
mORF_-_1060217	1060217	1060381	-	6	165	ATG	TAA	0	0	
mORF_-_1060296	1060296	1060415	-	4	120	GTG	TGA	0	0	
mORF_-_1060591	1060591	1060905	-	5	315	GTG	TAA	0	0	
mORF_-_1060614	1060614	1060652	-	4	39	ATG	TGA	0	0	
mORF_-_1060709	1060709	1060876	-	6	168	ATG	TAA	0	0	
mORF_-_1060779	1060779	1061042	-	4	264	TTG	TGA	0	0	
mORF_-_1060961	1060961	1061029	-	6	69	GTG	TAA	0	0	
mORF_-_1061020	1061020	1061040	-	5	21	GTG	TGA	0	0	
mORF_-_1061057	1061057	1061281	-	6	225	TTG	TAA	0	0	
mORF_-_1061067	1061067	1061327	-	4	261	TTG	TAG	0	0	
mORF_-_1061170	1061170	1061304	-	5	135	ATG	TGA	0	0	
mORF_-_1061309	1061309	1061380	-	6	72	TTG	TAG	0	0	
mORF_-_1061343	1061343	1061510	-	4	168	TTG	TAA	0	0	
mORF_-_1061419	1061419	1061571	-	5	153	GTG	TGA	0	0	
mORF_-_1061561	1061561	1061668	-	6	108	ATG	TAA	0	0	
mORF_-_1061592	1061592	1061612	-	4	21	TTG	TAA	0	0	
mORF_-_1061650	1061650	1061661	-	5	12	ATG	TAA	0	0	
mORF_-_1061661	1061661	1061771	-	4	111	GTG	TGA	0	0	
mORF_-_1061740	1061740	1061769	-	5	30	GTG	TAA	0	0	
mORF_-_1061750	1061750	1061776	-	6	27	GTG	TGA	0	0	
mORF_-_1061773	1061773	1062093	-	5	321	TTG	TGA	2	16	pORF_-_1061773
mORF_-_1061784	1061784	1061789	-	4	6	TTG	TAG	0	0	
mORF_-_1061829	1061829	1061846	-	4	18	ATG	TGA	0	0	
mORF_-_1061856	1061856	1062005	-	4	150	ATG	TGA	0	0	
mORF_-_1062017	1062017	1062040	-	6	24	TTG	TGA	0	0	
mORF_-_1062060	1062060	1062071	-	4	12	ATG	TGA	0	0	
mORF_-_1062071	1062071	1062160	-	6	90	ATG	TAA	0	0	
mORF_-_1062078	1062078	1062998	-	4	921	ATG	TAA	14	151	pORF_-_1062078
mORF_-_1062106	1062106	1062141	-	5	36	GTG	TGA	0	0	
mORF_-_1062185	1062185	1062196	-	6	12	ATG	TGA	0	0	
mORF_-_1062299	1062299	1062406	-	6	108	TTG	TGA	0	0	
mORF_-_1062319	1062319	1062342	-	5	24	GTG	TAA	0	0	
mORF_-_1062385	1062385	1062423	-	5	39	GTG	TGA	0	0	
mORF_-_1062413	1062413	1062433	-	6	21	ATG	TGA	0	0	
mORF_-_1062470	1062470	1062490	-	6	21	ATG	TGA	0	0	
mORF_-_1062512	1062512	1062517	-	6	6	ATG	TGA	0	0	
mORF_-_1062545	1062545	1062829	-	6	285	GTG	TGA	0	0	
mORF_-_1062766	1062766	1062795	-	5	30	GTG	TAA	0	0	
mORF_-_1062830	1062830	1062916	-	6	87	TTG	TAA	0	0	
mORF_-_1063003	1063003	1063023	-	5	21	GTG	TAA	0	0	
mORF_-_1063017	1063017	1063025	-	4	9	TTG	TGA	0	0	
mORF_-_1063053	1063053	1063115	-	4	63	ATG	TAG	0	0	
mORF_-_1063073	1063073	1063084	-	6	12	ATG	TGA	0	0	
mORF_-_1063112	1063112	1063207	-	6	96	GTG	TGA	0	0	
mORF_-_1063135	1063135	1063155	-	5	21	ATG	TGA	0	0	
mORF_-_1063219	1063219	1063230	-	5	12	ATG	TAG	0	0	
mORF_-_1063237	1063237	1063290	-	5	54	GTG	TAA	0	0	
mORF_-_1063253	1063253	1063351	-	6	99	TTG	TAG	0	0	
mORF_-_1063281	1063281	1063361	-	4	81	TTG	TAA	0	0	
mORF_-_1063348	1063348	1063407	-	5	60	TTG	TGA	0	0	
mORF_-_1063362	1063362	1063382	-	4	21	GTG	TGA	0	0	
mORF_-_1063413	1063413	1063508	-	4	96	ATG	TGA	0	0	
mORF_-_1063508	1063508	1063543	-	6	36	TTG	TAA	0	0	
mORF_-_1063530	1063530	1063541	-	4	12	GTG	TAG	0	0	
mORF_-_1063546	1063546	1063647	-	5	102	GTG	TAA	0	0	
mORF_-_1063559	1063559	1063585	-	6	27	TTG	TGA	0	0	
mORF_-_1063569	1063569	1063574	-	4	6	ATG	TAA	0	0	
mORF_-_1063663	1063663	1063806	-	5	144	ATG	TAA	0	0	

mORF_-_1063842	1063842	1063853	-	4	12	ATG	TAG	0	0	
mORF_-_1063905	1063905	1063937	-	4	33	ATG	TAG	0	0	
mORF_-_1063916	1063916	1063927	-	6	12	ATG	TAA	0	0	
mORF_-_1063934	1063934	1063963	-	6	30	TTG	TGA	0	0	
mORF_-_1063972	1063972	1063986	-	5	15	ATG	TAA	0	0	
mORF_-_1063986	1063986	1064033	-	4	48	ATG	TAA	0	0	
mORF_-_1064035	1064035	1064091	-	5	57	TTG	TAG	0	0	
mORF_-_1064078	1064078	1064095	-	6	18	TTG	TAG	0	0	
mORF_-_1064098	1064098	1064301	-	5	204	ATG	TGA	1	2	pORF_-_1064098
mORF_-_1064115	1064115	1064123	-	4	9	ATG	TAA	0	0	
mORF_-_1064120	1064120	1064191	-	6	72	ATG	TGA	0	0	
mORF_-_1064259	1064259	1064309	-	4	51	ATG	TAA	0	0	
mORF_-_1064319	1064319	1064510	-	4	192	TTG	TAA	0	0	
mORF_-_1064389	1064389	1064409	-	5	21	TTG	TAA	0	0	
mORF_-_1064393	1064393	1064413	-	6	21	ATG	TAA	0	0	
mORF_-_1064452	1064452	1064466	-	5	15	TTG	TAA	0	0	
mORF_-_1064459	1064459	1064485	-	6	27	TTG	TAA	0	0	
mORF_-_1064495	1064495	1064527	-	6	33	ATG	TAA	0	0	
mORF_-_1064512	1064512	1064556	-	5	45	GTG	TAA	0	0	
mORF_-_1064531	1064531	1064626	-	6	96	TTG	TAG	0	0	
mORF_-_1064553	1064553	1064618	-	4	66	GTG	TGA	0	0	
mORF_-_1064654	1064654	1064725	-	6	72	TTG	TAG	0	0	
mORF_-_1064719	1064719	1064874	-	5	156	GTG	TGA	0	0	
mORF_-_1064757	1064757	1064771	-	4	15	GTG	TGA	0	0	
mORF_-_1064768	1064768	1064773	-	6	6	GTG	TGA	0	0	
mORF_-_1064777	1064777	1064815	-	6	39	TTG	TAA	0	0	
mORF_-_1064859	1064859	1064876	-	4	18	TTG	TGA	0	0	
mORF_-_1064894	1064894	1065028	-	6	135	TTG	TGA	0	0	
mORF_-_1064898	1064898	1064927	-	4	30	ATG	TAG	0	0	
mORF_-_1064931	1064931	1065221	-	4	291	GTG	TAA	0	0	
mORF_-_1065019	1065019	1065171	-	5	153	GTG	TGA	0	0	
mORF_-_1065059	1065059	1065124	-	6	66	GTG	TAA	0	0	
mORF_-_1065134	1065134	1065142	-	6	9	TTG	TAG	0	0	
mORF_-_1065181	1065181	1065192	-	5	12	ATG	TAA	0	0	
mORF_-_1065218	1065218	1065328	-	6	111	TTG	TGA	0	0	
mORF_-_1065238	1065238	1065249	-	5	12	TTG	TAG	0	0	
mORF_-_1065265	1065265	1065285	-	5	21	ATG	TGA	0	0	
mORF_-_1065286	1065286	1065309	-	5	24	TTG	TGA	0	0	
mORF_-_1065354	1065354	1065521	-	4	168	TTG	TAG	0	0	
mORF_-_1065374	1065374	1065448	-	6	75	TTG	TAG	0	0	
mORF_-_1065452	1065452	1065493	-	6	42	TTG	TGA	0	0	
mORF_-_1065545	1065545	1065568	-	6	24	TTG	TGA	0	0	
mORF_-_1065611	1065611	1065652	-	6	42	TTG	TAG	0	0	
mORF_-_1065628	1065628	1065636	-	5	9	GTG	TAA	0	0	
mORF_-_1065633	1065633	1065740	-	4	108	GTG	TGA	0	0	
mORF_-_1065674	1065674	1065781	-	6	108	TTG	TAA	0	0	
mORF_-_1065694	1065694	1065714	-	5	21	GTG	TGA	0	0	
mORF_-_1065762	1065762	1065851	-	4	90	ATG	TAA	0	0	
mORF_-_1065778	1065778	1065945	-	5	168	GTG	TGA	0	0	
mORF_-_1065788	1065788	1065865	-	6	78	TTG	TGA	0	0	
mORF_-_1065969	1065969	1066151	-	4	183	TTG	TAA	0	0	
mORF_-_1066087	1066087	1066314	-	5	228	ATG	TAA	16	201	pORF_-_1066087
mORF_-_1066097	1066097	1066123	-	6	27	TTG	TAA	0	0	
mORF_-_1066161	1066161	1066175	-	4	15	GTG	TAG	0	0	
mORF_-_1066175	1066175	1066276	-	6	102	ATG	TAG	0	0	
mORF_-_1066242	1066242	1066280	-	4	39	GTG	TAG	0	0	
mORF_-_1066277	1066277	1066519	-	6	243	TTG	TGA	0	0	
mORF_-_1066335	1066335	1066931	-	4	597	ATG	TAA	44	484	pORF_-_1066335
mORF_-_1066520	1066520	1066888	-	6	369	TTG	TAA	0	0	
mORF_-_1066597	1066597	1066641	-	5	45	GTG	TAG	0	0	
mORF_-_1066924	1066924	1066980	-	5	57	GTG	TAA	0	0	
mORF_-_1066974	1066974	1067015	-	4	42	TTG	TAG	0	0	
mORF_-_1066985	1066985	1067074	-	6	90	TTG	TAA	0	0	

mORF_-_1067005	1067005	1067028	-	5	24	GTG	TGA	0	0
mORF_-_1067019	1067019	1067084	-	4	66	ATG	TGA	0	0
mORF_-_1067038	1067038	1067046	-	5	9	TTG	TAA	0	0
mORF_-_1067050	1067050	1067082	-	5	33	GTG	TGA	0	0
mORF_-_1067087	1067087	1067095	-	6	9	ATG	TAA	0	0
mORF_-_1067092	1067092	1067112	-	5	21	ATG	TGA	0	0
mORF_-_1067122	1067122	1067250	-	5	129	ATG	TAA	0	0
mORF_-_1067202	1067202	1067225	-	4	24	GTG	TGA	0	0
mORF_-_1067216	1067216	1067404	-	6	189	TTG	TAA	0	0
mORF_-_1067281	1067281	1067358	-	5	78	ATG	TAG	0	0
mORF_-_1067298	1067298	1067315	-	4	18	ATG	TGA	0	0
mORF_-_1067358	1067358	1067459	-	4	102	GTG	TGA	0	0
mORF_-_1067401	1067401	1067502	-	5	102	ATG	TGA	0	0
mORF_-_1067456	1067456	1067473	-	6	18	TTG	TGA	0	0
mORF_-_1067487	1067487	1067669	-	4	183	ATG	TGA	0	0
mORF_-_1067519	1067519	1067533	-	6	15	GTG	TGA	0	0
mORF_-_1067540	1067540	1067707	-	6	168	GTG	TAA	0	0
mORF_-_1067602	1067602	1067634	-	5	33	GTG	TAG	0	0
mORF_-_1067659	1067659	1067700	-	5	42	TTG	TAA	0	0
mORF_-_1067694	1067694	1067774	-	4	81	TTG	TGA	0	0
mORF_-_1067734	1067734	1069176	-	5	1443	TTG	TAA	0	0
mORF_-_1067787	1067787	1067873	-	4	87	GTG	TAA	0	0
mORF_-_1067912	1067912	1067950	-	6	39	ATG	TAA	0	0
mORF_-_1067925	1067925	1067972	-	4	48	TTG	TAA	0	0
mORF_-_1067973	1067973	1068005	-	4	33	TTG	TGA	0	0
mORF_-_1068030	1068030	1068089	-	4	60	TTG	TGA	0	0
mORF_-_1068123	1068123	1068143	-	4	21	ATG	TGA	0	0
mORF_-_1068150	1068150	1068197	-	4	48	ATG	TGA	0	0
mORF_-_1068291	1068291	1068308	-	4	18	TTG	TGA	0	0
mORF_-_1068315	1068315	1068374	-	4	60	ATG	TGA	0	0
mORF_-_1068329	1068329	1068520	-	6	192	GTG	TAA	0	0
mORF_-_1068426	1068426	1068452	-	4	27	TTG	TGA	0	0
mORF_-_1068483	1068483	1068515	-	4	33	TTG	TGA	0	0
mORF_-_1068531	1068531	1068569	-	4	39	GTG	TAA	0	0
mORF_-_1068594	1068594	1068602	-	4	9	TTG	TGA	0	0
mORF_-_1068609	1068609	1068620	-	4	12	GTG	TGA	0	0
mORF_-_1068639	1068639	1068650	-	4	12	TTG	TGA	0	0
mORF_-_1068672	1068672	1068731	-	4	60	TTG	TGA	0	0
mORF_-_1068780	1068780	1068794	-	4	15	TTG	TGA	0	0
mORF_-_1068915	1068915	1068932	-	4	18	TTG	TAA	0	0
mORF_-_1068960	1068960	1068992	-	4	33	ATG	TAA	0	0
mORF_-_1069083	1069083	1069658	-	4	576	ATG	TAA	0	0
mORF_-_1069202	1069202	1069228	-	6	27	TTG	TGA	0	0
mORF_-_1069225	1069225	1069260	-	5	36	ATG	TGA	0	0
mORF_-_1069265	1069265	1069324	-	6	60	TTG	TGA	0	0
mORF_-_1069354	1069354	1069371	-	5	18	GTG	TAG	0	0
mORF_-_1069364	1069364	1069414	-	6	51	GTG	TAA	0	0
mORF_-_1069384	1069384	1069425	-	5	42	GTG	TGA	0	0
mORF_-_1069451	1069451	1069570	-	6	120	TTG	TGA	0	0
mORF_-_1069588	1069588	1070178	-	5	591	ATG	TAA	0	0
mORF_-_1069686	1069686	1069733	-	4	48	TTG	TGA	0	0
mORF_-_1069730	1069730	1069855	-	6	126	TTG	TGA	0	0
mORF_-_1069782	1069782	1069907	-	4	126	GTG	TGA	0	0
mORF_-_1070036	1070036	1070056	-	6	21	ATG	TAA	0	0
mORF_-_1070061	1070061	1070156	-	4	96	GTG	TGA	0	0
mORF_-_1070175	1070175	1070246	-	4	72	ATG	TGA	0	0
mORF_-_1070188	1070188	1071015	-	5	828	TTG	TAA	0	0
mORF_-_1070265	1070265	1070288	-	4	24	ATG	TGA	0	0
mORF_-_1070295	1070295	1070411	-	4	117	ATG	TGA	0	0
mORF_-_1070333	1070333	1070344	-	6	12	ATG	TGA	0	0
mORF_-_1070459	1070459	1070572	-	6	114	ATG	TAA	0	0
mORF_-_1070673	1070673	1070753	-	4	81	TTG	TAA	0	0
mORF_-_1070862	1070862	1070924	-	4	63	TTG	TAG	0	0

mORF_-_1070943	1070943	1070960	-	4	18	ATG	TAG	0	0	
mORF_-_1070985	1070985	1070999	-	4	15	GTG	TGA	0	0	
mORF_-_1070996	1070996	1071382	-	6	387	ATG	TGA	0	0	
mORF_-_1071039	1071039	1071059	-	4	21	GTG	TGA	0	0	
mORF_-_1071046	1071046	1071087	-	5	42	GTG	TAA	0	0	
mORF_-_1071163	1071163	1071183	-	5	21	GTG	TGA	0	0	
mORF_-_1071196	1071196	1071309	-	5	114	ATG	TGA	1	2	pORF_-_1071196
mORF_-_1071309	1071309	1071728	-	4	420	ATG	TGA	0	0	
mORF_-_1071394	1071394	1072128	-	5	735	ATG	TAA	0	0	
mORF_-_1071801	1071801	1071872	-	4	72	ATG	TGA	0	0	
mORF_-_1071915	1071915	1071965	-	4	51	TTG	TGA	0	0	
mORF_-_1071978	1071978	1072001	-	4	24	ATG	TAG	0	0	
mORF_-_1072026	1072026	1072034	-	4	9	GTG	TGA	0	0	
mORF_-_1072086	1072086	1073267	-	4	1182	TTG	TGA	0	0	
mORF_-_1072190	1072190	1072231	-	6	42	ATG	TAA	0	0	
mORF_-_1072232	1072232	1072249	-	6	18	GTG	TAG	0	0	
mORF_-_1072373	1072373	1072447	-	6	75	TTG	TAA	0	0	
mORF_-_1072384	1072384	1072413	-	5	30	ATG	TGA	0	0	
mORF_-_1072438	1072438	1072665	-	5	228	TTG	TGA	0	0	
mORF_-_1072448	1072448	1072474	-	6	27	TTG	TGA	0	0	
mORF_-_1072544	1072544	1072579	-	6	36	ATG	TAA	0	0	
mORF_-_1072631	1072631	1072642	-	6	12	GTG	TGA	0	0	
mORF_-_1072655	1072655	1072669	-	6	15	ATG	TGA	0	0	
mORF_-_1072670	1072670	1072804	-	6	135	ATG	TGA	0	0	
mORF_-_1072690	1072690	1072716	-	5	27	GTG	TAA	0	0	
mORF_-_1072826	1072826	1072843	-	6	18	TTG	TGA	0	0	
mORF_-_1072967	1072967	1073023	-	6	57	GTG	TGA	0	0	
mORF_-_1073033	1073033	1073080	-	6	48	TTG	TGA	0	0	
mORF_-_1073090	1073090	1073170	-	6	81	TTG	TGA	0	0	
mORF_-_1073210	1073210	1073227	-	6	18	ATG	TGA	0	0	
mORF_-_1073300	1073300	1073473	-	6	174	TTG	TAA	0	0	
mORF_-_1073347	1073347	1073382	-	5	36	ATG	TAG	0	0	
mORF_-_1073355	1073355	1073378	-	4	24	ATG	TGA	0	0	
mORF_-_1073430	1073430	1073489	-	4	60	TTG	TAG	0	0	
mORF_-_1073446	1073446	1073553	-	5	108	GTG	TAG	0	0	
mORF_-_1073535	1073535	1073702	-	4	168	GTG	TAA	0	0	
mORF_-_1073558	1073558	1073575	-	6	18	GTG	TGA	0	0	
mORF_-_1073572	1073572	1073625	-	5	54	TTG	TGA	0	0	
mORF_-_1073635	1073635	1073757	-	5	123	ATG	TAA	0	0	
mORF_-_1073745	1073745	1073873	-	4	129	ATG	TGA	0	0	
mORF_-_1073785	1073785	1073973	-	5	189	GTG	TAA	0	0	
mORF_-_1073873	1073873	1074127	-	6	255	ATG	TAA	0	0	
mORF_-_1073998	1073998	1074048	-	5	51	TTG	TGA	0	0	
mORF_-_1074078	1074078	1074098	-	4	21	GTG	TAA	0	0	
mORF_-_1074143	1074143	1078171	-	6	4029	TTG	TAA	22	16	pORF_-_1074143
mORF_-_1074190	1074190	1074195	-	5	6	GTG	TGA	0	0	
mORF_-_1074196	1074196	1074327	-	5	132	GTG	TGA	0	0	
mORF_-_1074297	1074297	1074302	-	4	6	GTG	TGA	0	0	
mORF_-_1074337	1074337	1074348	-	5	12	TTG	TGA	0	0	
mORF_-_1074421	1074421	1074444	-	5	24	ATG	TAG	0	0	
mORF_-_1074441	1074441	1074452	-	4	12	GTG	TGA	0	0	
mORF_-_1074493	1074493	1074675	-	5	183	ATG	TGA	0	0	
mORF_-_1074510	1074510	1074524	-	4	15	GTG	TGA	0	0	
mORF_-_1074564	1074564	1074662	-	4	99	ATG	TGA	0	0	
mORF_-_1074700	1074700	1074729	-	5	30	ATG	TGA	0	0	
mORF_-_1074745	1074745	1074957	-	5	213	TTG	TGA	0	0	
mORF_-_1074961	1074961	1074969	-	5	9	ATG	TGA	0	0	
mORF_-_1074994	1074994	1075077	-	5	84	ATG	TGA	0	0	
mORF_-_1075074	1075074	1075121	-	4	48	ATG	TGA	0	0	
mORF_-_1075087	1075087	1075227	-	5	141	TTG	TGA	0	0	
mORF_-_1075263	1075263	1075277	-	4	15	ATG	TAA	0	0	
mORF_-_1075303	1075303	1075395	-	5	93	ATG	TGA	0	0	
mORF_-_1075323	1075323	1075358	-	4	36	TTG	TGA	0	0	

mORF_-_1075414	1075414	1075434	-	5	21	TTG	TGA	0	0	
mORF_-_1075552	1075552	1075575	-	5	24	GTG	TGA	0	0	
mORF_-_1075579	1075579	1075677	-	5	99	TTG	TGA	0	0	
mORF_-_1075716	1075716	1075787	-	4	72	GTG	TAA	0	0	
mORF_-_1075798	1075798	1075932	-	5	135	TTG	TAG	0	0	
mORF_-_1075957	1075957	1076037	-	5	81	GTG	TGA	0	0	
mORF_-_1076053	1076053	1076133	-	5	81	GTG	TAG	0	0	
mORF_-_1076130	1076130	1076174	-	4	45	ATG	TGA	0	0	
mORF_-_1076140	1076140	1076187	-	5	48	GTG	TAG	0	0	
mORF_-_1076341	1076341	1076565	-	5	225	ATG	TAG	0	0	
mORF_-_1076466	1076466	1076498	-	4	33	GTG	TGA	0	0	
mORF_-_1076541	1076541	1076573	-	4	33	GTG	TGA	0	0	
mORF_-_1076668	1076668	1076787	-	5	120	GTG	TAA	0	0	
mORF_-_1076821	1076821	1076853	-	5	33	TTG	TGA	0	0	
mORF_-_1076866	1076866	1077012	-	5	147	TTG	TGA	1	2	pORF_-_1076866
mORF_-_1077070	1077070	1077219	-	5	150	ATG	TAA	0	0	
mORF_-_1077229	1077229	1077294	-	5	66	ATG	TGA	0	0	
mORF_-_1077298	1077298	1077339	-	5	42	GTG	TAG	0	0	
mORF_-_1077343	1077343	1077366	-	5	24	GTG	TGA	0	0	
mORF_-_1077376	1077376	1077387	-	5	12	GTG	TGA	0	0	
mORF_-_1077409	1077409	1077513	-	5	105	TTG	TGA	0	0	
mORF_-_1077528	1077528	1077608	-	4	81	GTG	TAA	0	0	
mORF_-_1077610	1077610	1077921	-	5	312	ATG	TGA	0	0	
mORF_-_1078009	1078009	1078110	-	5	102	ATG	TAA	0	0	
mORF_-_1078110	1078110	1078208	-	4	99	TTG	TAA	0	0	
mORF_-_1078144	1078144	1078185	-	5	42	ATG	TAA	0	0	
mORF_-_1078257	1078257	1078448	-	4	192	ATG	TAA	0	0	
mORF_-_1078270	1078270	1078338	-	5	69	TTG	TGA	0	0	
mORF_-_1078292	1078292	1078366	-	6	75	GTG	TAA	0	0	
mORF_-_1078390	1078390	1078488	-	5	99	TTG	TAA	0	0	
mORF_-_1078457	1078457	1078498	-	6	42	ATG	TAA	0	0	
mORF_-_1078524	1078524	1078541	-	4	18	GTG	TAA	0	0	
mORF_-_1078535	1078535	1078558	-	6	24	ATG	TAA	0	0	
mORF_-_1078566	1078566	1078580	-	4	15	ATG	TAG	0	0	
mORF_-_1078595	1078595	1078777	-	6	183	ATG	TAA	0	0	
mORF_-_1078629	1078629	1078841	-	4	213	TTG	TAG	0	0	
mORF_-_1078777	1078777	1078827	-	5	51	ATG	TAA	0	0	
mORF_-_1078790	1078790	1078855	-	6	66	GTG	TAA	0	0	
mORF_-_1078849	1078849	1079190	-	5	342	TTG	TAA	0	0	
mORF_-_1078863	1078863	1078943	-	4	81	ATG	TAA	0	0	
mORF_-_1078944	1078944	1079000	-	4	57	ATG	TAA	0	0	
mORF_-_1079046	1079046	1079240	-	4	195	ATG	TAA	0	0	
mORF_-_1079240	1079240	1079248	-	6	9	GTG	TAA	0	0	
mORF_-_1079245	1079245	1079484	-	5	240	TTG	TGA	2	12	pORF_-_1079245
mORF_-_1079268	1079268	1079288	-	4	21	ATG	TAA	0	0	
mORF_-_1079316	1079316	1079327	-	4	12	ATG	TGA	0	0	
mORF_-_1079448	1079448	1079603	-	4	156	TTG	TGA	0	0	
mORF_-_1079492	1079492	1079548	-	6	57	TTG	TAA	0	0	
mORF_-_1079551	1079551	1079622	-	5	72	ATG	TAA	0	0	
mORF_-_1079585	1079585	1079797	-	6	213	GTG	TAA	0	0	
mORF_-_1079733	1079733	1079834	-	4	102	ATG	TAG	0	0	
mORF_-_1079933	1079933	1080019	-	6	87	GTG	TAA	0	0	
mORF_-_1079956	1079956	1080003	-	5	48	ATG	TGA	0	0	
mORF_-_1080016	1080016	1080210	-	5	195	GTG	TGA	0	0	
mORF_-_1080089	1080089	1080145	-	6	57	TTG	TAA	0	0	
mORF_-_1080222	1080222	1080317	-	4	96	ATG	TAA	0	0	
mORF_-_1080241	1080241	1080543	-	5	303	ATG	TAA	0	0	
mORF_-_1080296	1080296	1080301	-	6	6	ATG	TAA	0	0	
mORF_-_1080353	1080353	1080400	-	6	48	ATG	TAA	0	0	
mORF_-_1080452	1080452	1080457	-	6	6	ATG	TAA	0	0	
mORF_-_1080465	1080465	1080521	-	4	57	GTG	TGA	0	0	
mORF_-_1080518	1080518	1080598	-	6	81	ATG	TGA	0	0	
mORF_-_1080650	1080650	1081009	-	6	360	TTG	TAG	0	0	

mORF_-_1080655	1080655	1080870	-	5	216	TTG	TAA	0	0
mORF_-_1080867	1080867	1081040	-	4	174	TTG	TGA	0	0
mORF_-_1081067	1081067	1081210	-	6	144	GTG	TAG	0	0
mORF_-_1081081	1081081	1081176	-	5	96	ATG	TAG	0	0
mORF_-_1081101	1081101	1081115	-	4	15	ATG	TGA	0	0
mORF_-_1081137	1081137	1081250	-	4	114	TTG	TAA	0	0
mORF_-_1081247	1081247	1081645	-	6	399	GTG	TGA	0	0
mORF_-_1081252	1081252	1081269	-	5	18	GTG	TGA	0	0
mORF_-_1081336	1081336	1081422	-	5	87	TTG	TAA	0	0
mORF_-_1081341	1081341	1081376	-	4	36	GTG	TGA	0	0
mORF_-_1081435	1081435	1081443	-	5	9	ATG	TAA	0	0
mORF_-_1081447	1081447	1081632	-	5	186	ATG	TAA	0	0
mORF_-_1081473	1081473	1081493	-	4	21	ATG	TAA	0	0
mORF_-_1081608	1081608	1081625	-	4	18	GTG	TAA	0	0
mORF_-_1081636	1081636	1081929	-	5	294	TTG	TGA	0	0
mORF_-_1081745	1081745	1081840	-	6	96	TTG	TAA	0	0
mORF_-_1081809	1081809	1081871	-	4	63	TTG	TGA	0	0
mORF_-_1081853	1081853	1082206	-	6	354	TTG	TAA	0	0
mORF_-_1081872	1081872	1081880	-	4	9	ATG	TAA	0	0
mORF_-_1081947	1081947	1082099	-	4	153	TTG	TAA	0	0
mORF_-_1082002	1082002	1082055	-	5	54	ATG	TAG	0	0
mORF_-_1082074	1082074	1082154	-	5	81	TTG	TAA	0	0
mORF_-_1082103	1082103	1082132	-	4	30	ATG	TGA	0	0
mORF_-_1082182	1082182	1082289	-	5	108	TTG	TAA	0	0
mORF_-_1082214	1082214	1082240	-	4	27	TTG	TGA	0	0
mORF_-_1082237	1082237	1082566	-	6	330	TTG	TGA	0	0
mORF_-_1082311	1082311	1082454	-	5	144	ATG	TAG	0	0
mORF_-_1082343	1082343	1082420	-	4	78	TTG	TAG	0	0
mORF_-_1082472	1082472	1082525	-	4	54	GTG	TAG	0	0
mORF_-_1082491	1082491	1082499	-	5	9	TTG	TAG	0	0
mORF_-_1082597	1082597	1082950	-	6	354	GTG	TAA	0	0
mORF_-_1082647	1082647	1082715	-	5	69	TTG	TAA	0	0
mORF_-_1082697	1082697	1082750	-	4	54	TTG	TGA	0	0
mORF_-_1082734	1082734	1082802	-	5	69	TTG	TGA	0	0
mORF_-_1082904	1082904	1082963	-	4	60	ATG	TGA	0	0
mORF_-_1082973	1082973	1083002	-	4	30	GTG	TAG	0	0
mORF_-_1082999	1082999	1083061	-	6	63	TTG	TGA	0	0
mORF_-_1083004	1083004	1083018	-	5	15	GTG	TAA	0	0
mORF_-_1083015	1083015	1083092	-	4	78	TTG	TGA	0	0
mORF_-_1083112	1083112	1083120	-	5	9	ATG	TAA	0	0
mORF_-_1083117	1083117	1083197	-	4	81	GTG	TGA	0	0
mORF_-_1083133	1083133	1083585	-	5	453	ATG	TAG	0	0
mORF_-_1083246	1083246	1083314	-	4	69	TTG	TGA	0	0
mORF_-_1083296	1083296	1083658	-	6	363	GTG	TGA	0	0
mORF_-_1083540	1083540	1083608	-	4	69	GTG	TAA	0	0
mORF_-_1083651	1083651	1083671	-	4	21	TTG	TAA	0	0
mORF_-_1083655	1083655	1083747	-	5	93	TTG	TGA	0	0
mORF_-_1083708	1083708	1083758	-	4	51	TTG	TAG	0	0
mORF_-_1083788	1083788	1084135	-	6	348	TTG	TAG	0	0
mORF_-_1083937	1083937	1083942	-	5	6	TTG	TAG	0	0
mORF_-_1083943	1083943	1083978	-	5	36	GTG	TGA	0	0
mORF_-_1083975	1083975	1084031	-	4	57	GTG	TGA	0	0
mORF_-_1084054	1084054	1084089	-	5	36	GTG	TGA	0	0
mORF_-_1084108	1084108	1084200	-	5	93	GTG	TAA	0	0
mORF_-_1084200	1084200	1084238	-	4	39	ATG	TAG	0	0
mORF_-_1084242	1084242	1084319	-	4	78	ATG	TAA	0	0
mORF_-_1084250	1084250	1084264	-	6	15	GTG	TGA	0	0
mORF_-_1084289	1084289	1084300	-	6	12	GTG	TGA	0	0
mORF_-_1084297	1084297	1084332	-	5	36	ATG	TGA	0	0
mORF_-_1084336	1084336	1084392	-	5	57	TTG	TAA	0	0
mORF_-_1084394	1084394	1084660	-	6	267	ATG	TAG	0	0
mORF_-_1084401	1084401	1084835	-	4	435	TTG	TAA	0	0
mORF_-_1084513	1084513	1084533	-	5	21	TTG	TGA	0	0

mORF_-_1084688	1084688	1084819	-	6	132	GTG	TAG	0	0	
mORF_-_1084759	1084759	1084770	-	5	12	TTG	TGA	0	0	
mORF_-_1084926	1084926	1085066	-	4	141	TTG	TAA	0	0	
mORF_-_1084994	1084994	1085128	-	6	135	GTG	TAG	0	0	
mORF_-_1085079	1085079	1085132	-	4	54	TTG	TAA	0	0	
mORF_-_1085125	1085125	1085247	-	5	123	GTG	TGA	0	0	
mORF_-_1085163	1085163	1085267	-	4	105	ATG	TAA	0	0	
mORF_-_1085329	1085329	1085742	-	5	414	ATG	TAA	0	0	
mORF_-_1085340	1085340	1085360	-	4	21	TTG	TAG	0	0	
mORF_-_1085397	1085397	1085435	-	4	39	ATG	TGA	0	0	
mORF_-_1085445	1085445	1085537	-	4	93	TTG	TAG	0	0	
mORF_-_1085516	1085516	1085668	-	6	153	GTG	TAA	0	0	
mORF_-_1085538	1085538	1085552	-	4	15	ATG	TAA	0	0	
mORF_-_1085619	1085619	1085693	-	4	75	TTG	TGA	0	0	
mORF_-_1085739	1085739	1085780	-	4	42	TTG	TGA	0	0	
mORF_-_1085744	1085744	1087069	-	6	1326	ATG	TAA	0	0	
mORF_-_1085796	1085796	1085873	-	4	78	TTG	TAA	0	0	
mORF_-_1085896	1085896	1085910	-	5	15	ATG	TGA	0	0	
mORF_-_1085907	1085907	1085963	-	4	57	GTG	TGA	0	0	
mORF_-_1085926	1085926	1085937	-	5	12	TTG	TGA	0	0	
mORF_-_1086001	1086001	1086009	-	5	9	TTG	TGA	0	0	
mORF_-_1086006	1086006	1086077	-	4	72	ATG	TGA	0	0	
mORF_-_1086013	1086013	1086030	-	5	18	TTG	TAA	0	0	
mORF_-_1086085	1086085	1086099	-	5	15	TTG	TGA	0	0	
mORF_-_1086096	1086096	1086203	-	4	108	GTG	TGA	0	0	
mORF_-_1086145	1086145	1086171	-	5	27	GTG	TGA	0	0	
mORF_-_1086219	1086219	1086269	-	4	51	GTG	TGA	0	0	
mORF_-_1086274	1086274	1086300	-	5	27	TTG	TGA	0	0	
mORF_-_1086313	1086313	1086399	-	5	87	ATG	TGA	0	0	
mORF_-_1086421	1086421	1086450	-	5	30	TTG	TGA	0	0	
mORF_-_1086502	1086502	1086558	-	5	57	ATG	TAA	0	0	
mORF_-_1086565	1086565	1086738	-	5	174	ATG	TAG	0	0	
mORF_-_1086582	1086582	1086590	-	4	9	GTG	TGA	0	0	
mORF_-_1086739	1086739	1086765	-	5	27	ATG	TAA	0	0	
mORF_-_1086775	1086775	1086816	-	5	42	ATG	TAG	0	0	
mORF_-_1086849	1086849	1086887	-	4	39	GTG	TAA	0	0	
mORF_-_1086856	1086856	1086933	-	5	78	TTG	TGA	0	0	
mORF_-_1086900	1086900	1086938	-	4	39	GTG	TGA	0	0	
mORF_-_1086982	1086982	1086990	-	5	9	GTG	TGA	0	0	
mORF_-_1086987	1086987	1087037	-	4	51	ATG	TGA	0	0	
mORF_-_1087062	1087062	1089080	-	4	2019	ATG	TAA	1	2	pORF_-_1087062
mORF_-_1087112	1087112	1087156	-	6	45	ATG	TAG	0	0	
mORF_-_1087163	1087163	1087171	-	6	9	ATG	TGA	0	0	
mORF_-_1087187	1087187	1087234	-	6	48	ATG	TGA	0	0	
mORF_-_1087297	1087297	1087326	-	5	30	ATG	TAA	0	0	
mORF_-_1087319	1087319	1087390	-	6	72	ATG	TAA	0	0	
mORF_-_1087397	1087397	1087435	-	6	39	GTG	TAA	0	0	
mORF_-_1087448	1087448	1087462	-	6	15	TTG	TAA	0	0	
mORF_-_1087505	1087505	1087516	-	6	12	GTG	TAA	0	0	
mORF_-_1087538	1087538	1087546	-	6	9	GTG	TAA	0	0	
mORF_-_1087552	1087552	1087566	-	5	15	GTG	TAA	0	0	
mORF_-_1087601	1087601	1087765	-	6	165	ATG	TGA	0	0	
mORF_-_1087792	1087792	1087884	-	5	93	GTG	TGA	0	0	
mORF_-_1087868	1087868	1087888	-	6	21	ATG	TAA	0	0	
mORF_-_1087895	1087895	1087927	-	6	33	TTG	TAA	0	0	
mORF_-_1087949	1087949	1088014	-	6	66	TTG	TGA	0	0	
mORF_-_1088063	1088063	1088119	-	6	57	TTG	TAA	0	0	
mORF_-_1088132	1088132	1088179	-	6	48	TTG	TAA	0	0	
mORF_-_1088207	1088207	1088278	-	6	72	ATG	TAA	0	0	
mORF_-_1088275	1088275	1088334	-	5	60	TTG	TGA	0	0	
mORF_-_1088306	1088306	1088338	-	6	33	TTG	TAG	0	0	
mORF_-_1088351	1088351	1088359	-	6	9	TTG	TAA	0	0	
mORF_-_1088387	1088387	1088461	-	6	75	GTG	TAA	0	0	

mORF_-_1088465	1088465	1088620	-	6	156	TTG	TAA	0	0	
mORF_-_1088497	1088497	1088526	-	5	30	ATG	TAA	0	0	
mORF_-_1088542	1088542	1088583	-	5	42	GTG	TGA	0	0	
mORF_-_1088624	1088624	1088743	-	6	120	TTG	TAA	0	0	
mORF_-_1088632	1088632	1088685	-	5	54	GTG	TAA	0	0	
mORF_-_1088753	1088753	1088911	-	6	159	TTG	TAG	0	0	
mORF_-_1088914	1088914	1088922	-	5	9	ATG	TAA	0	0	
mORF_-_1088930	1088930	1088941	-	6	12	ATG	TAG	0	0	
mORF_-_1088941	1088941	1088952	-	5	12	GTG	TAA	0	0	
mORF_-_1089013	1089013	1089021	-	5	9	GTG	TAG	0	0	
mORF_-_1089050	1089050	1089070	-	6	21	ATG	TGA	0	0	
mORF_-_1089089	1089089	1091512	-	6	2424	ATG	TAA	1	10	pORF_-_1089089
mORF_-_1089103	1089103	1089186	-	5	84	TTG	TGA	0	0	
mORF_-_1089187	1089187	1089348	-	5	162	TTG	TGA	0	0	
mORF_-_1089192	1089192	1089200	-	4	9	TTG	TGA	0	0	
mORF_-_1089303	1089303	1089317	-	4	15	ATG	TGA	0	0	
mORF_-_1089361	1089361	1089432	-	5	72	TTG	TAA	0	0	
mORF_-_1089433	1089433	1089594	-	5	162	ATG	TGA	0	0	
mORF_-_1089598	1089598	1089840	-	5	243	TTG	TGA	0	0	
mORF_-_1089750	1089750	1089764	-	4	15	GTG	TAA	0	0	
mORF_-_1089886	1089886	1089984	-	5	99	GTG	TAA	0	0	
mORF_-_1089988	1089988	1090032	-	5	45	ATG	TAA	0	0	
mORF_-_1090017	1090017	1090061	-	4	45	ATG	TGA	0	0	
mORF_-_1090072	1090072	1090095	-	5	24	TTG	TAA	0	0	
mORF_-_1090138	1090138	1090233	-	5	96	TTG	TAA	0	0	
mORF_-_1090143	1090143	1090166	-	4	24	TTG	TGA	0	0	
mORF_-_1090246	1090246	1090269	-	5	24	ATG	TGA	0	0	
mORF_-_1090282	1090282	1090323	-	5	42	ATG	TAG	0	0	
mORF_-_1090396	1090396	1090476	-	5	81	TTG	TAA	0	0	
mORF_-_1090455	1090455	1090562	-	4	108	TTG	TGA	0	0	
mORF_-_1090507	1090507	1090557	-	5	51	TTG	TAA	0	0	
mORF_-_1090645	1090645	1090668	-	5	24	TTG	TAA	0	0	
mORF_-_1090704	1090704	1090715	-	4	12	GTG	TAA	0	0	
mORF_-_1090723	1090723	1090818	-	5	96	ATG	TAG	0	0	
mORF_-_1090843	1090843	1090929	-	5	87	ATG	TAA	0	0	
mORF_-_1090948	1090948	1091082	-	5	135	ATG	TGA	0	0	
mORF_-_1091092	1091092	1091310	-	5	219	TTG	TAA	0	0	
mORF_-_1091118	1091118	1091174	-	4	57	ATG	TAA	0	0	
mORF_-_1091268	1091268	1091285	-	4	18	ATG	TAA	0	0	
mORF_-_1091316	1091316	1091348	-	4	33	ATG	TAA	0	0	
mORF_-_1091335	1091335	1091385	-	5	51	TTG	TAA	0	0	
mORF_-_1091389	1091389	1091418	-	5	30	GTG	TGA	0	0	
mORF_-_1091409	1091409	1091489	-	4	81	GTG	TAA	0	0	
mORF_-_1091499	1091499	1091537	-	4	39	TTG	TAG	0	0	
mORF_-_1091519	1091519	1091590	-	6	72	GTG	TAA	0	0	
mORF_-_1091557	1091557	1091595	-	5	39	ATG	TAA	0	0	
mORF_-_1091592	1091592	1091705	-	4	114	TTG	TGA	0	0	
mORF_-_1091605	1091605	1091700	-	5	96	ATG	TAA	0	0	
mORF_-_1091718	1091718	1091753	-	4	36	TTG	TGA	0	0	
mORF_-_1091775	1091775	1091849	-	4	75	GTG	TAA	0	0	
mORF_-_1091837	1091837	1091845	-	6	9	GTG	TAG	0	0	
mORF_-_1091854	1091854	1091913	-	5	60	ATG	TAA	0	0	
mORF_-_1091891	1091891	1092025	-	6	135	ATG	TAA	0	0	
mORF_-_1091904	1091904	1091969	-	4	66	TTG	TAG	0	0	
mORF_-_1091926	1091926	1091961	-	5	36	GTG	TGA	0	0	
mORF_-_1091962	1091962	1091988	-	5	27	TTG	TAA	0	0	
mORF_-_1091976	1091976	1091981	-	4	6	ATG	TAA	0	0	
mORF_-_1092022	1092022	1092033	-	5	12	TTG	TGA	0	0	
mORF_-_1092072	1092072	1092077	-	4	6	TTG	TAG	0	0	
mORF_-_1092184	1092184	1092222	-	5	39	TTG	TAA	0	0	
mORF_-_1092224	1092224	1092295	-	6	72	ATG	TAG	0	0	
mORF_-_1092246	1092246	1092311	-	4	66	TTG	TAA	0	0	
mORF_-_1092253	1092253	1092270	-	5	18	ATG	TAA	0	0	

mORF_-_1092292	1092292	1092318	-	5	27	TTG	TGA	0	0	
mORF_-_1092315	1092315	1092425	-	4	111	TTG	TGA	0	0	
mORF_-_1092356	1092356	1092382	-	6	27	ATG	TAA	0	0	
mORF_-_1092383	1092383	1092433	-	6	51	ATG	TGA	0	0	
mORF_-_1092391	1092391	1092489	-	5	99	ATG	TAA	0	0	
mORF_-_1092455	1092455	1092556	-	6	102	ATG	TGA	0	0	
mORF_-_1092502	1092502	1092516	-	5	15	TTG	TAA	0	0	
mORF_-_1092528	1092528	1092611	-	4	84	ATG	TAA	0	0	
mORF_-_1092593	1092593	1092598	-	6	6	ATG	TGA	0	0	
mORF_-_1092604	1092604	1092681	-	5	78	ATG	TAG	0	0	
mORF_-_1092620	1092620	1092649	-	6	30	TTG	TAG	0	0	
mORF_-_1092627	1092627	1092632	-	4	6	GTG	TAA	0	0	
mORF_-_1092659	1092659	1092703	-	6	45	ATG	TGA	0	0	
mORF_-_1092749	1092749	1092964	-	6	216	TTG	TAG	0	0	
mORF_-_1092879	1092879	1092908	-	4	30	ATG	TAA	0	0	
mORF_-_1092913	1092913	1092945	-	5	33	GTG	TGA	0	0	
mORF_-_1092921	1092921	1092947	-	4	27	ATG	TAG	0	0	
mORF_-_1092957	1092957	1093007	-	4	51	TTG	TAA	0	0	
mORF_-_1092988	1092988	1093014	-	5	27	ATG	TAA	0	0	
mORF_-_1093014	1093014	1093091	-	4	78	ATG	TGA	0	0	
mORF_-_1093031	1093031	1093081	-	6	51	GTG	TAA	0	0	
mORF_-_1093103	1093103	1093207	-	6	105	ATG	TGA	0	0	
mORF_-_1093263	1093263	1093298	-	4	36	TTG	TAA	0	0	
mORF_-_1093288	1093288	1093296	-	5	9	GTG	TAG	0	0	
mORF_-_1093309	1093309	1093455	-	5	147	ATG	TAA	0	0	
mORF_-_1093385	1093385	1093480	-	6	96	GTG	TAA	0	0	
mORF_-_1093473	1093473	1093577	-	4	105	GTG	TAG	0	0	
mORF_-_1093498	1093498	1094364	-	5	867	ATG	TAG	5	10	pORF_-_1093498
mORF_-_1093517	1093517	1093564	-	6	48	GTG	TGA	0	0	
mORF_-_1093574	1093574	1093579	-	6	6	ATG	TGA	0	0	
mORF_-_1093589	1093589	1093645	-	6	57	ATG	TAA	0	0	
mORF_-_1093608	1093608	1093637	-	4	30	ATG	TAA	0	0	
mORF_-_1093653	1093653	1093685	-	4	33	ATG	TGA	0	0	
mORF_-_1093685	1093685	1093699	-	6	15	TTG	TAA	0	0	
mORF_-_1093710	1093710	1093721	-	4	12	GTG	TGA	0	0	
mORF_-_1093737	1093737	1093841	-	4	105	ATG	TGA	0	0	
mORF_-_1093811	1093811	1093903	-	6	93	GTG	TAA	0	0	
mORF_-_1093860	1093860	1093988	-	4	129	GTG	TGA	0	0	
mORF_-_1093937	1093937	1093972	-	6	36	GTG	TGA	0	0	
mORF_-_1094118	1094118	1094153	-	4	36	ATG	TAA	0	0	
mORF_-_1094150	1094150	1094311	-	6	162	GTG	TGA	0	0	
mORF_-_1094157	1094157	1094210	-	4	54	TTG	TGA	0	0	
mORF_-_1094247	1094247	1094357	-	4	111	ATG	TAA	0	0	
mORF_-_1094361	1094361	1094669	-	4	309	GTG	TGA	10	35	pORF_-_1094361
mORF_-_1094366	1094366	1094584	-	6	219	TTG	TGA	0	0	
mORF_-_1094588	1094588	1094599	-	6	12	GTG	TGA	0	0	
mORF_-_1094635	1094635	1094691	-	5	57	GTG	TAA	0	0	
mORF_-_1094684	1094684	1094707	-	6	24	GTG	TAA	0	0	
mORF_-_1094688	1094688	1094738	-	4	51	GTG	TGA	0	0	
mORF_-_1094707	1094707	1094811	-	5	105	ATG	TAG	0	0	
mORF_-_1094723	1094723	1094857	-	6	135	TTG	TGA	0	0	
mORF_-_1094811	1094811	1094864	-	4	54	TTG	TGA	0	0	
mORF_-_1094861	1094861	1094938	-	6	78	TTG	TGA	0	0	
mORF_-_1094878	1094878	1094883	-	5	6	GTG	TAA	0	0	
mORF_-_1094884	1094884	1094892	-	5	9	ATG	TAA	0	0	
mORF_-_1094989	1094989	1095030	-	5	42	ATG	TAA	0	0	
mORF_-_1095012	1095012	1095065	-	4	54	TTG	TGA	0	0	
mORF_-_1095023	1095023	1095043	-	6	21	ATG	TAA	0	0	
mORF_-_1095044	1095044	1095055	-	6	12	TTG	TAA	0	0	
mORF_-_1095098	1095098	1095124	-	6	27	ATG	TGA	0	0	
mORF_-_1095155	1095155	1095253	-	6	99	TTG	TAA	0	0	
mORF_-_1095175	1095175	1095186	-	5	12	ATG	TAA	0	0	
mORF_-_1095186	1095186	1095323	-	4	138	GTG	TGA	0	0	

mORF_-_1095266	1095266	1095493	-	6	228	GTG	TAA	0	0	
mORF_-_1095333	1095333	1095347	-	4	15	TTG	TAA	0	0	
mORF_-_1095340	1095340	1095345	-	5	6	GTG	TAA	0	0	
mORF_-_1095376	1095376	1095390	-	5	15	TTG	TGA	0	0	
mORF_-_1095497	1095497	1095505	-	6	9	TTG	TAA	0	0	
mORF_-_1095514	1095514	1095585	-	5	72	TTG	TAG	0	0	
mORF_-_1095557	1095557	1095847	-	6	291	ATG	TAG	0	0	
mORF_-_1095661	1095661	1095678	-	5	18	ATG	TAA	0	0	
mORF_-_1095874	1095874	1095897	-	5	24	TTG	TAA	0	0	
mORF_-_1095957	1095957	1096184	-	4	228	GTG	TAA	0	0	
mORF_-_1095974	1095974	1096147	-	6	174	GTG	TAG	2	5	pORF_-_1095974
mORF_-_1096003	1096003	1096014	-	5	12	ATG	TAA	0	0	
mORF_-_1096042	1096042	1096083	-	5	42	ATG	TAA	0	0	
mORF_-_1096162	1096162	1096383	-	5	222	GTG	TAG	0	0	
mORF_-_1096305	1096305	1096361	-	4	57	ATG	TGA	0	0	
mORF_-_1096358	1096358	1096489	-	6	132	GTG	TGA	0	0	
mORF_-_1096486	1096486	1096542	-	5	57	ATG	TGA	0	0	
mORF_-_1096539	1096539	1096670	-	4	132	GTG	TGA	0	0	
mORF_-_1096667	1096667	1096723	-	6	57	ATG	TGA	0	0	
mORF_-_1096720	1096720	1096971	-	5	252	TTG	TGA	0	0	
mORF_-_1096781	1096781	1096861	-	6	81	GTG	TAA	0	0	
mORF_-_1096854	1096854	1096877	-	4	24	TTG	TGA	0	0	
mORF_-_1096908	1096908	1096925	-	4	18	ATG	TAG	0	0	
mORF_-_1096964	1096964	1096978	-	6	15	TTG	TAA	0	0	
mORF_-_1096968	1096968	1096982	-	4	15	TTG	TGA	0	0	
mORF_-_1096975	1096975	1097088	-	5	114	GTG	TGA	0	0	
mORF_-_1096992	1096992	1097021	-	4	30	GTG	TAA	0	0	
mORF_-_1097036	1097036	1097119	-	6	84	ATG	TAA	0	0	
mORF_-_1097058	1097058	1097147	-	4	90	TTG	TGA	0	0	
mORF_-_1097116	1097116	1097163	-	5	48	GTG	TGA	0	0	
mORF_-_1097126	1097126	1097170	-	6	45	TTG	TGA	0	0	
mORF_-_1097173	1097173	1097187	-	5	15	TTG	TAG	0	0	
mORF_-_1097191	1097191	1097199	-	5	9	ATG	TGA	0	0	
mORF_-_1097228	1097228	1097326	-	6	99	TTG	TAA	0	0	
mORF_-_1097235	1097235	1097246	-	4	12	ATG	TAA	0	0	
mORF_-_1097278	1097278	1097295	-	5	18	GTG	TAA	0	0	
mORF_-_1097314	1097314	1097367	-	5	54	GTG	TAG	0	0	
mORF_-_1097328	1097328	1097678	-	4	351	TTG	TAG	0	0	
mORF_-_1097456	1097456	1097464	-	6	9	ATG	TAA	0	0	
mORF_-_1097504	1097504	1097530	-	6	27	ATG	TGA	0	0	
mORF_-_1097518	1097518	1097667	-	5	150	ATG	TAA	0	0	
mORF_-_1097564	1097564	1097728	-	6	165	ATG	TGA	0	0	
mORF_-_1097700	1097700	1097741	-	4	42	TTG	TAA	0	0	
mORF_-_1097735	1097735	1097779	-	6	45	TTG	TGA	0	0	
mORF_-_1097754	1097754	1097798	-	4	45	ATG	TAA	0	0	
mORF_-_1097795	1097795	1097986	-	6	192	ATG	TGA	0	0	
mORF_-_1097842	1097842	1097853	-	5	12	TTG	TAA	0	0	
mORF_-_1097866	1097866	1097931	-	5	66	GTG	TAA	0	0	
mORF_-_1097880	1097880	1098146	-	4	267	ATG	TAA	0	0	
mORF_-_1097944	1097944	1098036	-	5	93	GTG	TAA	0	0	
mORF_-_1098044	1098044	1098055	-	6	12	ATG	TAG	0	0	
mORF_-_1098100	1098100	1098159	-	5	60	ATG	TAA	0	0	
mORF_-_1098119	1098119	1098157	-	6	39	GTG	TGA	0	0	
mORF_-_1098159	1098159	1098257	-	4	99	GTG	TAA	0	0	
mORF_-_1098167	1098167	1098214	-	6	48	GTG	TAA	0	0	
mORF_-_1098248	1098248	1098328	-	6	81	ATG	TGA	0	0	
mORF_-_1098384	1098384	1098554	-	4	171	ATG	TAG	0	0	
mORF_-_1098388	1098388	1098444	-	5	57	GTG	TAA	0	0	
mORF_-_1098401	1098401	1098508	-	6	108	TTG	TGA	0	0	
mORF_-_1098554	1098554	1098616	-	6	63	TTG	TGA	0	0	
mORF_-_1098571	1098571	1098666	-	5	96	ATG	TGA	0	0	
mORF_-_1098588	1098588	1098593	-	4	6	GTG	TAA	0	0	
mORF_-_1098666	1098666	1098683	-	4	18	GTG	TAA	0	0	

mORF_-_1098680	1098680	1098757	-	6	78	ATG	TGA	0	0	
mORF_-_1098718	1098718	1098813	-	5	96	GTG	TAA	0	0	
mORF_-_1098860	1098860	1098922	-	6	63	TTG	TAA	0	0	
mORF_-_1098876	1098876	1098920	-	4	45	GTG	TAG	0	0	
mORF_-_1098929	1098929	1099039	-	6	111	TTG	TAA	0	0	
mORF_-_1098945	1098945	1099010	-	4	66	GTG	TAA	0	0	
mORF_-_1099051	1099051	1099056	-	5	6	TTG	TAA	0	0	
mORF_-_1099065	1099065	1099265	-	4	201	GTG	TAA	0	0	
mORF_-_1099166	1099166	1099189	-	6	24	GTG	TAA	0	0	
mORF_-_1099186	1099186	1099197	-	5	12	GTG	TGA	0	0	
mORF_-_1099228	1099228	1099437	-	5	210	ATG	TGA	0	0	
mORF_-_1099269	1099269	1099355	-	4	87	GTG	TGA	0	0	
mORF_-_1099283	1099283	1099324	-	6	42	ATG	TAA	0	0	
mORF_-_1099374	1099374	1099382	-	4	9	TTG	TAA	0	0	
mORF_-_1099425	1099425	1099433	-	4	9	GTG	TAG	0	0	
mORF_-_1099430	1099430	1099486	-	6	57	ATG	TGA	0	0	
mORF_-_1099434	1099434	1099556	-	4	123	ATG	TGA	0	0	
mORF_-_1099535	1099535	1099543	-	6	9	TTG	TAG	0	0	
mORF_-_1099544	1099544	1099684	-	6	141	TTG	TGA	0	0	
mORF_-_1099600	1099600	1099746	-	5	147	ATG	TAG	0	0	
mORF_-_1099632	1099632	1099718	-	4	87	ATG	TAG	0	0	
mORF_-_1099718	1099718	1099744	-	6	27	GTG	TAA	0	0	
mORF_-_1099761	1099761	1099769	-	4	9	ATG	TAA	0	0	
mORF_-_1099766	1099766	1099825	-	6	60	ATG	TGA	0	0	
mORF_-_1099800	1099800	1099808	-	4	9	TTG	TGA	0	0	
mORF_-_1099841	1099841	1099969	-	6	129	TTG	TAA	0	0	
mORF_-_1099891	1099891	1099980	-	5	90	GTG	TAA	0	0	
mORF_-_1099923	1099923	1100021	-	4	99	GTG	TAA	0	0	
mORF_-_1099994	1099994	1100017	-	6	24	GTG	TGA	0	0	
mORF_-_1100074	1100074	1100907	-	5	834	ATG	TGA	1	3	pORF_-_1100074
mORF_-_1100109	1100109	1100177	-	4	69	ATG	TGA	0	0	
mORF_-_1100138	1100138	1100155	-	6	18	GTG	TAA	0	0	
mORF_-_1100177	1100177	1100221	-	6	45	GTG	TAA	0	0	
mORF_-_1100214	1100214	1100312	-	4	99	ATG	TGA	0	0	
mORF_-_1100364	1100364	1100369	-	4	6	ATG	TGA	0	0	
mORF_-_1100385	1100385	1100495	-	4	111	TTG	TGA	0	0	
mORF_-_1100514	1100514	1100573	-	4	60	GTG	TAA	0	0	
mORF_-_1100646	1100646	1100759	-	4	114	TTG	TGA	0	0	
mORF_-_1100790	1100790	1100813	-	4	24	GTG	TGA	0	0	
mORF_-_1100843	1100843	1100863	-	6	21	ATG	TAA	0	0	
mORF_-_1100868	1100868	1100885	-	4	18	TTG	TGA	0	0	
mORF_-_1100934	1100934	1101350	-	4	417	ATG	TAA	2	4	pORF_-_1100934
mORF_-_1101011	1101011	1101049	-	6	39	TTG	TGA	0	0	
mORF_-_1101062	1101062	1101109	-	6	48	GTG	TGA	0	0	
mORF_-_1101146	1101146	1101178	-	6	33	ATG	TAG	0	0	
mORF_-_1101224	1101224	1101259	-	6	36	TTG	TAA	0	0	
mORF_-_1101268	1101268	1101366	-	5	99	TTG	TAA	0	0	
mORF_-_1101329	1101329	1101346	-	6	18	GTG	TAG	0	0	
mORF_-_1101371	1101371	1101388	-	6	18	ATG	TAA	0	0	
mORF_-_1101375	1101375	1101764	-	4	390	ATG	TAA	0	0	
mORF_-_1101448	1101448	1101561	-	5	114	ATG	TGA	0	0	
mORF_-_1101458	1101458	1101466	-	6	9	TTG	TGA	0	0	
mORF_-_1101539	1101539	1101580	-	6	42	ATG	TAA	0	0	
mORF_-_1101587	1101587	1101649	-	6	63	TTG	TAA	0	0	
mORF_-_1101604	1101604	1101615	-	5	12	ATG	TGA	0	0	
mORF_-_1101689	1101689	1101742	-	6	54	TTG	TAG	0	0	
mORF_-_1101769	1101769	1102419	-	5	651	ATG	TAA	2	7	pORF_-_1101769
mORF_-_1101986	1101986	1102036	-	6	51	ATG	TAA	0	0	
mORF_-_1102002	1102002	1102127	-	4	126	TTG	TGA	0	0	
mORF_-_1102148	1102148	1102210	-	6	63	TTG	TGA	0	0	
mORF_-_1102374	1102374	1102412	-	4	39	ATG	TGA	0	0	
mORF_-_1102412	1102412	1102450	-	6	39	GTG	TAA	0	0	
mORF_-_1102438	1102438	1102452	-	5	15	GTG	TAA	0	0	

mORF_-_1102466	1102466	1102504	-	6	39	GTG	TAG	0	0
mORF_-_1102551	1102551	1102583	-	4	33	ATG	TAG	0	0
mORF_-_1102559	1102559	1102564	-	6	6	ATG	TAA	0	0
mORF_-_1102583	1102583	1102588	-	6	6	TTG	TAA	0	0
mORF_-_1102592	1102592	1102600	-	6	9	TTG	TAA	0	0
mORF_-_1102597	1102597	1102611	-	5	15	ATG	TGA	0	0
mORF_-_1102635	1102635	1102826	-	4	192	TTG	TAA	0	0
mORF_-_1102699	1102699	1102707	-	5	9	GTG	TAA	0	0
mORF_-_1102712	1102712	1102723	-	6	12	ATG	TAA	0	0
mORF_-_1102742	1102742	1102885	-	6	144	TTG	TAG	0	0
mORF_-_1102783	1102783	1102812	-	5	30	GTG	TGA	0	0
mORF_-_1102831	1102831	1102899	-	5	69	TTG	TAA	0	0
mORF_-_1102886	1102886	1103080	-	6	195	ATG	TGA	0	0
mORF_-_1102987	1102987	1103034	-	5	48	TTG	TAA	0	0
mORF_-_1103016	1103016	1103123	-	4	108	TTG	TAG	0	0
mORF_-_1103093	1103093	1103119	-	6	27	TTG	TAA	0	0
mORF_-_1103143	1103143	1103184	-	5	42	TTG	TAA	0	0
mORF_-_1103193	1103193	1103207	-	4	15	TTG	TAA	0	0
mORF_-_1103253	1103253	1103300	-	4	48	ATG	TAG	0	0
mORF_-_1103297	1103297	1103326	-	6	30	TTG	TGA	0	0
mORF_-_1103305	1103305	1103316	-	5	12	ATG	TGA	0	0
mORF_-_1103334	1103334	1103447	-	4	114	ATG	TAG	0	0
mORF_-_1103347	1103347	1103406	-	5	60	TTG	TGA	0	0
mORF_-_1103366	1103366	1103623	-	6	258	TTG	TGA	0	0
mORF_-_1103455	1103455	1103472	-	5	18	TTG	TGA	0	0
mORF_-_1103517	1103517	1103546	-	4	30	TTG	TAA	0	0
mORF_-_1103550	1103550	1103579	-	4	30	TTG	TAA	0	0
mORF_-_1103607	1103607	1103636	-	4	30	ATG	TAG	0	0
mORF_-_1103644	1103644	1103838	-	5	195	GTG	TAA	0	0
mORF_-_1103666	1103666	1103671	-	6	6	ATG	TAA	0	0
mORF_-_1103679	1103679	1103888	-	4	210	ATG	TAA	0	0
mORF_-_1103741	1103741	1103809	-	6	69	ATG	TGA	0	0
mORF_-_1103878	1103878	1103937	-	5	60	TTG	TAA	0	0
mORF_-_1103934	1103934	1104116	-	4	183	ATG	TGA	0	0
mORF_-_1103981	1103981	1104076	-	6	96	TTG	TGA	0	0
mORF_-_1104013	1104013	1104060	-	5	48	ATG	TAA	0	0
mORF_-_1104083	1104083	1104103	-	6	21	TTG	TGA	0	0
mORF_-_1104122	1104122	1104211	-	6	90	GTG	TAG	0	0
mORF_-_1104196	1104196	1104309	-	5	114	TTG	TAA	0	0
mORF_-_1104219	1104219	1104278	-	4	60	GTG	TGA	0	0
mORF_-_1104281	1104281	1104373	-	6	93	ATG	TAA	0	0
mORF_-_1104334	1104334	1104357	-	5	24	TTG	TGA	0	0
mORF_-_1104370	1104370	1104387	-	5	18	TTG	TGA	0	0
mORF_-_1104384	1104384	1104392	-	4	9	ATG	TGA	0	0
mORF_-_1104449	1104449	1104577	-	6	129	TTG	TAA	0	0
mORF_-_1104469	1104469	1104477	-	5	9	ATG	TGA	0	0
mORF_-_1104481	1104481	1104489	-	5	9	TTG	TGA	0	0
mORF_-_1104502	1104502	1104606	-	5	105	TTG	TGA	0	0
mORF_-_1104513	1104513	1104536	-	4	24	ATG	TAA	0	0
mORF_-_1104570	1104570	1104599	-	4	30	TTG	TGA	0	0
mORF_-_1104603	1104603	1104710	-	4	108	GTG	TGA	0	0
mORF_-_1104652	1104652	1104744	-	5	93	TTG	TAA	0	0
mORF_-_1104689	1104689	1104760	-	6	72	ATG	TAA	0	0
mORF_-_1104735	1104735	1104827	-	4	93	TTG	TAA	0	0
mORF_-_1104767	1104767	1104805	-	6	39	GTG	TGA	0	0
mORF_-_1104831	1104831	1104935	-	4	105	ATG	TAG	0	0
mORF_-_1104847	1104847	1104876	-	5	30	TTG	TAA	0	0
mORF_-_1104883	1104883	1105023	-	5	141	TTG	TGA	0	0
mORF_-_1104945	1104945	1104965	-	4	21	GTG	TAG	0	0
mORF_-_1104989	1104989	1105012	-	6	24	GTG	TAA	0	0
mORF_-_1105013	1105013	1105060	-	6	48	ATG	TAA	0	0
mORF_-_1105057	1105057	1105155	-	5	99	ATG	TGA	0	0
mORF_-_1105113	1105113	1105124	-	4	12	ATG	TAG	0	0

mORF_-_1105124	1105124	1105159	-	6	36	ATG	TAA	0	0
mORF_-_1105156	1105156	1105284	-	5	129	GTG	TGA	0	0
mORF_-_1105193	1105193	1105315	-	6	123	TTG	TAA	0	0
mORF_-_1105342	1105342	1105350	-	5	9	TTG	TAG	0	0
mORF_-_1105347	1105347	1105403	-	4	57	TTG	TGA	0	0
mORF_-_1105466	1105466	1105486	-	6	21	GTG	TGA	0	0
mORF_-_1105490	1105490	1105564	-	6	75	TTG	TAA	0	0
mORF_-_1105540	1105540	1105872	-	5	333	GTG	TAG	0	0
mORF_-_1105554	1105554	1105706	-	4	153	ATG	TAA	0	0
mORF_-_1105724	1105724	1105846	-	6	123	ATG	TAA	0	0
mORF_-_1105848	1105848	1105967	-	4	120	GTG	TAA	0	0
mORF_-_1105865	1105865	1105876	-	6	12	ATG	TGA	0	0
mORF_-_1105928	1105928	1105981	-	6	54	GTG	TAA	0	0
mORF_-_1105978	1105978	1106055	-	5	78	GTG	TGA	0	0
mORF_-_1106030	1106030	1106077	-	6	48	ATG	TAG	0	0
mORF_-_1106074	1106074	1106268	-	5	195	ATG	TGA	0	0
mORF_-_1106123	1106123	1106230	-	6	108	ATG	TAG	0	0
mORF_-_1106202	1106202	1106237	-	4	36	ATG	TAA	0	0
mORF_-_1106240	1106240	1106251	-	6	12	TTG	TAA	0	0
mORF_-_1106244	1106244	1106279	-	4	36	ATG	TAA	0	0
mORF_-_1106269	1106269	1106295	-	5	27	ATG	TAA	0	0
mORF_-_1106276	1106276	1106422	-	6	147	ATG	TGA	0	0
mORF_-_1106302	1106302	1106373	-	5	72	GTG	TAA	0	0
mORF_-_1106325	1106325	1106369	-	4	45	ATG	TAA	0	0
mORF_-_1106398	1106398	1106409	-	5	12	GTG	TGA	0	0
mORF_-_1106406	1106406	1106471	-	4	66	TTG	TGA	0	0
mORF_-_1106428	1106428	1106454	-	5	27	GTG	TAA	0	0
mORF_-_1106438	1106438	1106575	-	6	138	TTG	TAG	0	0
mORF_-_1106511	1106511	1106552	-	4	42	ATG	TAG	0	0
mORF_-_1106588	1106588	1106761	-	6	174	TTG	TAG	0	0
mORF_-_1106601	1106601	1106630	-	4	30	TTG	TAA	0	0
mORF_-_1106640	1106640	1106684	-	4	45	ATG	TAA	0	0
mORF_-_1106731	1106731	1106754	-	5	24	ATG	TGA	0	0
mORF_-_1106758	1106758	1106802	-	5	45	GTG	TGA	0	0
mORF_-_1106805	1106805	1106897	-	4	93	ATG	TAA	0	0
mORF_-_1106825	1106825	1106881	-	6	57	TTG	TGA	0	0
mORF_-_1106878	1106878	1106901	-	5	24	TTG	TGA	0	0
mORF_-_1106894	1106894	1106935	-	6	42	GTG	TGA	0	0
mORF_-_1106991	1106991	1107044	-	4	54	TTG	TAA	0	0
mORF_-_1107007	1107007	1108164	-	5	1158	ATG	TAA	0	0
mORF_-_1107069	1107069	1107098	-	4	30	ATG	TGA	0	0
mORF_-_1107105	1107105	1107113	-	4	9	TTG	TAA	0	0
mORF_-_1107120	1107120	1107125	-	4	6	TTG	TAG	0	0
mORF_-_1107129	1107129	1107149	-	4	21	TTG	TGA	0	0
mORF_-_1107198	1107198	1107242	-	4	45	TTG	TAA	0	0
mORF_-_1107249	1107249	1107302	-	4	54	ATG	TGA	0	0
mORF_-_1107269	1107269	1107313	-	6	45	GTG	TAA	0	0
mORF_-_1107333	1107333	1107545	-	4	213	ATG	TGA	0	0
mORF_-_1107545	1107545	1107613	-	6	69	ATG	TAA	0	0
mORF_-_1107549	1107549	1107569	-	4	21	TTG	TGA	0	0
mORF_-_1107588	1107588	1107596	-	4	9	ATG	TAA	0	0
mORF_-_1107692	1107692	1107745	-	6	54	GTG	TAA	0	0
mORF_-_1107756	1107756	1107830	-	4	75	ATG	TAA	0	0
mORF_-_1107785	1107785	1107919	-	6	135	ATG	TGA	0	0
mORF_-_1107891	1107891	1107905	-	4	15	GTG	TAG	0	0
mORF_-_1107924	1107924	1108010	-	4	87	ATG	TGA	0	0
mORF_-_1108010	1108010	1108027	-	6	18	GTG	TAA	0	0
mORF_-_1108043	1108043	1108057	-	6	15	ATG	TAG	0	0
mORF_-_1108047	1108047	1108052	-	4	6	ATG	TGA	0	0
mORF_-_1108107	1108107	1108142	-	4	36	GTG	TGA	0	0
mORF_-_1108209	1108209	1108352	-	4	144	TTG	TAA	0	0
mORF_-_1108217	1108217	1108414	-	6	198	TTG	TAA	0	0
mORF_-_1108356	1108356	1108514	-	4	159	GTG	TAG	0	0

mORF_-_1108423	1108423	1108431	-	5	9	ATG	TAA	0	0	
mORF_-_1108480	1108480	1108518	-	5	39	TTG	TAA	0	0	
mORF_-_1108487	1108487	1108516	-	6	30	GTG	TAA	0	0	
mORF_-_1108534	1108534	1108548	-	5	15	ATG	TAG	0	0	
mORF_-_1108538	1108538	1108615	-	6	78	TTG	TAA	0	0	
mORF_-_1108552	1108552	1108557	-	5	6	TTG	TAG	0	0	
mORF_-_1108612	1108612	1108656	-	5	45	TTG	TGA	0	0	
mORF_-_1108625	1108625	1108645	-	6	21	TTG	TGA	0	0	
mORF_-_1108660	1108660	1108917	-	5	258	ATG	TAA	0	0	
mORF_-_1108674	1108674	1108694	-	4	21	TTG	TAG	0	0	
mORF_-_1108748	1108748	1108789	-	6	42	ATG	TAA	0	0	
mORF_-_1108752	1108752	1108793	-	4	42	TTG	TGA	0	0	
mORF_-_1108809	1108809	1108877	-	4	69	TTG	TGA	0	0	
mORF_-_1108890	1108890	1108898	-	4	9	GTG	TAA	0	0	
mORF_-_1108911	1108911	1108922	-	4	12	TTG	TGA	0	0	
mORF_-_1108965	1108965	1109009	-	4	45	ATG	TAA	0	0	
mORF_-_1109003	1109003	1109098	-	6	96	ATG	TGA	0	0	
mORF_-_1109052	1109052	1109171	-	4	120	ATG	TAA	0	0	
mORF_-_1109120	1109120	1109179	-	6	60	ATG	TGA	0	0	
mORF_-_1109208	1109208	1109240	-	4	33	GTG	TAA	0	0	
mORF_-_1109222	1109222	1109350	-	6	129	TTG	TAA	0	0	
mORF_-_1109265	1109265	1109288	-	4	24	TTG	TAG	0	0	
mORF_-_1109305	1109305	1109445	-	5	141	ATG	TAA	0	0	
mORF_-_1109355	1109355	1109468	-	4	114	ATG	TAG	0	0	
mORF_-_1109446	1109446	1109769	-	5	324	TTG	TAA	0	0	
mORF_-_1109453	1109453	1109620	-	6	168	TTG	TGA	0	0	
mORF_-_1109541	1109541	1109645	-	4	105	ATG	TAA	0	0	
mORF_-_1109667	1109667	1109939	-	4	273	GTG	TGA	0	0	
mORF_-_1109717	1109717	1109782	-	6	66	TTG	TGA	0	0	
mORF_-_1109779	1109779	1109901	-	5	123	TTG	TGA	0	0	
mORF_-_1109946	1109946	1110014	-	4	69	GTG	TAG	0	0	
mORF_-_1109957	1109957	1110256	-	6	300	TTG	TAA	2	4	pORF_-_1109957
mORF_-_1110069	1110069	1110272	-	4	204	GTG	TAG	0	0	
mORF_-_1110076	1110076	1110123	-	5	48	ATG	TAA	0	0	
mORF_-_1110175	1110175	1110201	-	5	27	GTG	TGA	0	0	
mORF_-_1110287	1110287	1110658	-	6	372	TTG	TAA	0	0	
mORF_-_1110291	1110291	1110338	-	4	48	TTG	TAA	0	0	
mORF_-_1110313	1110313	1110420	-	5	108	GTG	TGA	0	0	
mORF_-_1110427	1110427	1110492	-	5	66	ATG	TAG	0	0	
mORF_-_1110499	1110499	1110561	-	5	63	ATG	TAA	0	0	
mORF_-_1110646	1110646	1110912	-	5	267	TTG	TAA	0	0	
mORF_-_1110722	1110722	1110739	-	6	18	TTG	TAA	0	0	
mORF_-_1110744	1110744	1110797	-	4	54	ATG	TAA	0	0	
mORF_-_1110797	1110797	1110811	-	6	15	ATG	TAA	0	0	
mORF_-_1110831	1110831	1110878	-	4	48	TTG	TAG	0	0	
mORF_-_1110887	1110887	1111372	-	6	486	GTG	TGA	0	0	
mORF_-_1110925	1110925	1110930	-	5	6	ATG	TAG	0	0	
mORF_-_1111105	1111105	1111200	-	5	96	ATG	TAG	0	0	
mORF_-_1111197	1111197	1111280	-	4	84	GTG	TGA	0	0	
mORF_-_1111362	1111362	1111427	-	4	66	GTG	TAA	0	0	
mORF_-_1111424	1111424	1111429	-	6	6	ATG	TGA	0	0	
mORF_-_1111535	1111535	1111738	-	6	204	TTG	TAG	0	0	
mORF_-_1111645	1111645	1112217	-	5	573	TTG	TAA	0	0	
mORF_-_1111686	1111686	1111793	-	4	108	GTG	TAG	0	0	
mORF_-_1111893	1111893	1111898	-	4	6	ATG	TAA	0	0	
mORF_-_1111898	1111898	1111960	-	6	63	ATG	TAA	0	0	
mORF_-_1111974	1111974	1112012	-	4	39	GTG	TGA	0	0	
mORF_-_1112009	1112009	1112062	-	6	54	GTG	TGA	0	0	
mORF_-_1112052	1112052	1112168	-	4	117	GTG	TGA	0	0	
mORF_-_1112165	1112165	1112332	-	6	168	GTG	TGA	0	0	
mORF_-_1112340	1112340	1112351	-	4	12	ATG	TAA	0	0	
mORF_-_1112348	1112348	1112428	-	6	81	GTG	TGA	0	0	
mORF_-_1112352	1112352	1112558	-	4	207	ATG	TAA	0	0	

mORF_-_1112489	1112489	1112521	-	6	33	ATG	TAG	0	0	
mORF_-_1112555	1112555	1112725	-	6	171	GTG	TGA	0	0	
mORF_-_1112569	1112569	1112589	-	5	21	TTG	TAA	0	0	
mORF_-_1112586	1112586	1112753	-	4	168	TTG	TGA	0	0	
mORF_-_1112665	1112665	1112670	-	5	6	ATG	TAG	0	0	
mORF_-_1112683	1112683	1112697	-	5	15	TTG	TAA	0	0	
mORF_-_1112722	1112722	1112745	-	5	24	TTG	TGA	0	0	
mORF_-_1112784	1112784	1112801	-	4	18	TTG	TAA	0	0	
mORF_-_1112798	1112798	1112893	-	6	96	TTG	TGA	0	0	
mORF_-_1112808	1112808	1112915	-	4	108	TTG	TAA	0	0	
mORF_-_1112942	1112942	1113007	-	6	66	ATG	TAA	0	0	
mORF_-_1112947	1112947	1112967	-	5	21	ATG	TGA	0	0	
mORF_-_1112988	1112988	1113014	-	4	27	ATG	TAA	0	0	
mORF_-_1113011	1113011	1113118	-	6	108	ATG	TGA	0	0	
mORF_-_1113030	1113030	1113407	-	4	378	GTG	TAA	13	86	pORF_-_1113030
mORF_-_1113037	1113037	1113045	-	5	9	GTG	TGA	0	0	
mORF_-_1113088	1113088	1113114	-	5	27	ATG	TGA	0	0	
mORF_-_1113115	1113115	1113141	-	5	27	GTG	TGA	0	0	
mORF_-_1113155	1113155	1113385	-	6	231	TTG	TAG	0	0	
mORF_-_1113202	1113202	1113219	-	5	18	ATG	TAG	0	0	
mORF_-_1113250	1113250	1113261	-	5	12	GTG	TGA	0	0	
mORF_-_1113434	1113434	1113532	-	6	99	ATG	TGA	0	0	
mORF_-_1113487	1113487	1114713	-	5	1227	ATG	TGA	1	2	pORF_-_1113487
mORF_-_1113618	1113618	1113773	-	4	156	TTG	TGA	0	0	
mORF_-_1113840	1113840	1113893	-	4	54	GTG	TGA	0	0	
mORF_-_1113927	1113927	1113980	-	4	54	ATG	TGA	0	0	
mORF_-_1113987	1113987	1114001	-	4	15	TTG	TGA	0	0	
mORF_-_1114026	1114026	1114040	-	4	15	TTG	TAA	0	0	
mORF_-_1114067	1114067	1114141	-	6	75	TTG	TAA	0	0	
mORF_-_1114077	1114077	1114364	-	4	288	TTG	TGA	0	0	
mORF_-_1114422	1114422	1114541	-	4	120	TTG	TGA	0	0	
mORF_-_1114472	1114472	1114552	-	6	81	GTG	TAA	0	0	
mORF_-_1114557	1114557	1114592	-	4	36	TTG	TGA	0	0	
mORF_-_1114614	1114614	1114634	-	4	21	GTG	TAA	0	0	
mORF_-_1114683	1114683	1114802	-	4	120	TTG	TAA	0	0	
mORF_-_1114700	1114700	1114771	-	6	72	GTG	TGA	0	0	
mORF_-_1114771	1114771	1114860	-	5	90	ATG	TAG	0	0	
mORF_-_1114821	1114821	1114877	-	4	57	ATG	TAG	0	0	
mORF_-_1114826	1114826	1114870	-	6	45	ATG	TGA	0	0	
mORF_-_1114885	1114885	1115868	-	5	984	TTG	TAA	2	6	pORF_-_1114885
mORF_-_1114919	1114919	1114993	-	6	75	GTG	TAA	0	0	
mORF_-_1114986	1114986	1115015	-	4	30	ATG	TGA	0	0	
mORF_-_1115012	1115012	1115032	-	6	21	GTG	TGA	0	0	
mORF_-_1115049	1115049	1115204	-	4	156	ATG	TGA	0	0	
mORF_-_1115075	1115075	1115104	-	6	30	ATG	TAA	0	0	
mORF_-_1115259	1115259	1115324	-	4	66	TTG	TAA	0	0	
mORF_-_1115325	1115325	1115390	-	4	66	GTG	TGA	0	0	
mORF_-_1115403	1115403	1115420	-	4	18	TTG	TGA	0	0	
mORF_-_1115421	1115421	1115456	-	4	36	GTG	TAG	0	0	
mORF_-_1115453	1115453	1115518	-	6	66	GTG	TGA	0	0	
mORF_-_1115535	1115535	1115549	-	4	15	TTG	TGA	0	0	
mORF_-_1115576	1115576	1115758	-	6	183	TTG	TAA	0	0	
mORF_-_1115595	1115595	1115633	-	4	39	TTG	TGA	0	0	
mORF_-_1115673	1115673	1115681	-	4	9	GTG	TAG	0	0	
mORF_-_1115721	1115721	1115738	-	4	18	TTG	TAG	0	0	
mORF_-_1115802	1115802	1115810	-	4	9	TTG	TGA	0	0	
mORF_-_1115825	1115825	1115938	-	6	114	TTG	TAG	0	0	
mORF_-_1115979	1115979	1115987	-	4	9	ATG	TAG	0	0	
mORF_-_1115999	1115999	1116109	-	6	111	ATG	TAA	0	0	
mORF_-_1116039	1116039	1116044	-	4	6	GTG	TAA	0	0	
mORF_-_1116066	1116066	1116131	-	4	66	GTG	TAG	0	0	
mORF_-_1116116	1116116	1116133	-	6	18	ATG	TAA	0	0	
mORF_-_1116162	1116162	1116233	-	4	72	TTG	TAA	0	0	

mORF_-_1116167	1116167	1116253	-	6	87	TTG	TGA	0	0	
mORF_-_1116235	1116235	1116480	-	5	246	GTG	TGA	0	0	
mORF_-_1116278	1116278	1116379	-	6	102	ATG	TAG	0	0	
mORF_-_1116306	1116306	1116440	-	4	135	TTG	TAA	0	0	
mORF_-_1116404	1116404	1116493	-	6	90	ATG	TGA	0	0	
mORF_-_1116480	1116480	1116887	-	4	408	GTG	TAG	0	0	
mORF_-_1116484	1116484	1116600	-	5	117	GTG	TAA	0	0	
mORF_-_1116503	1116503	1116865	-	6	363	TTG	TAG	0	0	
mORF_-_1116899	1116899	1117063	-	6	165	ATG	TGA	0	0	
mORF_-_1117024	1117024	1117116	-	5	93	ATG	TAA	0	0	
mORF_-_1117086	1117086	1117121	-	4	36	GTG	TGA	0	0	
mORF_-_1117124	1117124	1117699	-	6	576	ATG	TAA	19	73	pORF_-_1117124
mORF_-_1117183	1117183	1117278	-	5	96	TTG	TAG	0	0	
mORF_-_1117248	1117248	1117259	-	4	12	ATG	TAA	0	0	
mORF_-_1117309	1117309	1117317	-	5	9	ATG	TAA	0	0	
mORF_-_1117324	1117324	1117353	-	5	30	GTG	TGA	0	0	
mORF_-_1117363	1117363	1117422	-	5	60	GTG	TGA	0	0	
mORF_-_1117480	1117480	1117485	-	5	6	ATG	TGA	0	0	
mORF_-_1117486	1117486	1117638	-	5	153	TTG	TGA	0	0	
mORF_-_1117675	1117675	1117683	-	5	9	TTG	TAA	0	0	
mORF_-_1117696	1117696	1117713	-	5	18	ATG	TGA	0	0	
mORF_-_1117703	1117703	1118344	-	6	642	TTG	TAA	0	0	
mORF_-_1117758	1117758	1117832	-	4	75	TTG	TAA	0	0	
mORF_-_1117810	1117810	1117926	-	5	117	ATG	TAG	0	0	
mORF_-_1117920	1117920	1118066	-	4	147	GTG	TAA	0	0	
mORF_-_1117939	1117939	1118007	-	5	69	TTG	TGA	0	0	
mORF_-_1118014	1118014	1118061	-	5	48	GTG	TGA	0	0	
mORF_-_1118092	1118092	1118145	-	5	54	ATG	TAA	0	0	
mORF_-_1118112	1118112	1118216	-	4	105	TTG	TAA	0	0	
mORF_-_1118176	1118176	1118199	-	5	24	TTG	TAG	0	0	
mORF_-_1118209	1118209	1118277	-	5	69	ATG	TAA	0	0	
mORF_-_1118247	1118247	1118333	-	4	87	GTG	TGA	0	0	
mORF_-_1118363	1118363	1118371	-	6	9	TTG	TAA	0	0	
mORF_-_1118368	1118368	1118466	-	5	99	ATG	TGA	0	0	
mORF_-_1118400	1118400	1118423	-	4	24	ATG	TGA	0	0	
mORF_-_1118423	1118423	1118470	-	6	48	TTG	TGA	0	0	
mORF_-_1118467	1118467	1118478	-	5	12	GTG	TGA	0	0	
mORF_-_1118517	1118517	1118546	-	4	30	ATG	TGA	0	0	
mORF_-_1118530	1118530	1118670	-	5	141	ATG	TAG	0	0	
mORF_-_1118691	1118691	1119809	-	4	1119	ATG	TAA	26	88	pORF_-_1118691
mORF_-_1118720	1118720	1118752	-	6	33	TTG	TGA	0	0	
mORF_-_1118771	1118771	1118803	-	6	33	GTG	TAG	0	0	
mORF_-_1118804	1118804	1119031	-	6	228	TTG	TGA	0	0	
mORF_-_1118878	1118878	1118910	-	5	33	TTG	TGA	0	0	
mORF_-_1119035	1119035	1119091	-	6	57	GTG	TGA	0	0	
mORF_-_1119116	1119116	1119151	-	6	36	TTG	TGA	0	0	
mORF_-_1119121	1119121	1119204	-	5	84	ATG	TAG	0	0	
mORF_-_1119197	1119197	1119259	-	6	63	TTG	TAA	0	0	
mORF_-_1119263	1119263	1119655	-	6	393	ATG	TAA	0	0	
mORF_-_1119466	1119466	1119483	-	5	18	ATG	TGA	0	0	
mORF_-_1119592	1119592	1119600	-	5	9	GTG	TGA	0	0	
mORF_-_1119731	1119731	1119751	-	6	21	ATG	TAA	0	0	
mORF_-_1119770	1119770	1119787	-	6	18	TTG	TAG	0	0	
mORF_-_1119806	1119806	1119829	-	6	24	ATG	TGA	0	0	
mORF_-_1119826	1119826	1119867	-	5	42	TTG	TGA	0	0	
mORF_-_1119846	1119846	1119917	-	4	72	ATG	TAA	0	0	
mORF_-_1119914	1119914	1119922	-	6	9	ATG	TGA	0	0	
mORF_-_1119924	1119924	1120181	-	4	258	ATG	TAA	2	15	pORF_-_1119924
mORF_-_1119944	1119944	1119967	-	6	24	TTG	TAA	0	0	
mORF_-_1119986	1119986	1120015	-	6	30	ATG	TAG	0	0	
mORF_-_1120022	1120022	1120042	-	6	21	TTG	TAA	0	0	
mORF_-_1120097	1120097	1120117	-	6	21	TTG	TGA	0	0	
mORF_-_1120114	1120114	1120134	-	5	21	GTG	TGA	0	0	

mORF_-_1120136	1120136	1120165	-	6	30	ATG	TAG	0	0	
mORF_-_1120188	1120188	1120208	-	4	21	TTG	TAG	0	0	
mORF_-_1120211	1120211	1120348	-	6	138	ATG	TAA	0	0	
mORF_-_1120222	1120222	1120245	-	5	24	TTG	TGA	0	0	
mORF_-_1120248	1120248	1120259	-	4	12	TTG	TGA	0	0	
mORF_-_1120314	1120314	1120352	-	4	39	ATG	TAA	0	0	
mORF_-_1120321	1120321	1120332	-	5	12	TTG	TAA	0	0	
mORF_-_1120345	1120345	1120374	-	5	30	TTG	TGA	0	0	
mORF_-_1120349	1120349	1120408	-	6	60	TTG	TGA	0	0	
mORF_-_1120359	1120359	1120448	-	4	90	TTG	TAA	0	0	
mORF_-_1120405	1120405	1120458	-	5	54	GTG	TGA	0	0	
mORF_-_1120455	1120455	1120658	-	4	204	TTG	TGA	0	0	
mORF_-_1120465	1120465	1120842	-	5	378	ATG	TAA	1	2	pORF_-_1120465
mORF_-_1120484	1120484	1120501	-	6	18	GTG	TGA	0	0	
mORF_-_1120689	1120689	1120703	-	4	15	TTG	TAG	0	0	
mORF_-_1120784	1120784	1121830	-	6	1047	ATG	TAA	67	1320	pORF_-_1120784
mORF_-_1120846	1120846	1120920	-	5	75	ATG	TGA	0	0	
mORF_-_1120936	1120936	1120971	-	5	36	ATG	TAA	0	0	
mORF_-_1120972	1120972	1121193	-	5	222	TTG	TGA	0	0	
mORF_-_1120980	1120980	1121042	-	4	63	TTG	TGA	0	0	
mORF_-_1121145	1121145	1121168	-	4	24	TTG	TAA	0	0	
mORF_-_1121218	1121218	1121304	-	5	87	TTG	TGA	0	0	
mORF_-_1121356	1121356	1121397	-	5	42	ATG	TAG	0	0	
mORF_-_1121401	1121401	1121472	-	5	72	TTG	TGA	0	0	
mORF_-_1121479	1121479	1121568	-	5	90	ATG	TGA	0	0	
mORF_-_1121602	1121602	1121673	-	5	72	TTG	TGA	0	0	
mORF_-_1121670	1121670	1121903	-	4	234	GTG	TGA	0	0	
mORF_-_1121704	1121704	1121721	-	5	18	ATG	TAA	0	0	
mORF_-_1121752	1121752	1121766	-	5	15	ATG	TAA	0	0	
mORF_-_1121830	1121830	1121958	-	5	129	TTG	TAA	0	0	
mORF_-_1121837	1121837	1121872	-	6	36	GTG	TAG	0	0	
mORF_-_1121936	1121936	1122697	-	6	762	TTG	TAA	6	21	pORF_-_1121936
mORF_-_1121971	1121971	1122024	-	5	54	ATG	TGA	0	0	
mORF_-_1122103	1122103	1122138	-	5	36	ATG	TGA	0	0	
mORF_-_1122157	1122157	1122186	-	5	30	TTG	TGA	0	0	
mORF_-_1122271	1122271	1122303	-	5	33	TTG	TAA	0	0	
mORF_-_1122322	1122322	1122459	-	5	138	GTG	TGA	0	0	
mORF_-_1122466	1122466	1122480	-	5	15	TTG	TGA	0	0	
mORF_-_1122493	1122493	1122546	-	5	54	ATG	TGA	0	0	
mORF_-_1122522	1122522	1122596	-	4	75	TTG	TGA	0	0	
mORF_-_1122630	1122630	1123277	-	4	648	GTG	TAA	46	409	pORF_-_1122630
mORF_-_1122731	1122731	1122784	-	6	54	ATG	TGA	0	0	
mORF_-_1122806	1122806	1122832	-	6	27	ATG	TGA	0	0	
mORF_-_1122848	1122848	1123021	-	6	174	TTG	TGA	0	0	
mORF_-_1122946	1122946	1123014	-	5	69	GTG	TGA	0	0	
mORF_-_1123043	1123043	1123192	-	6	150	ATG	TGA	0	0	
mORF_-_1123114	1123114	1123290	-	5	177	ATG	TGA	0	0	
mORF_-_1123298	1123298	1123423	-	6	126	TTG	TGA	0	0	
mORF_-_1123341	1123341	1124579	-	4	1239	GTG	TGA	2	5	pORF_-_1123341
mORF_-_1123384	1123384	1123443	-	5	60	GTG	TAG	0	0	
mORF_-_1123436	1123436	1123585	-	6	150	GTG	TGA	0	0	
mORF_-_1123586	1123586	1123612	-	6	27	TTG	TAA	0	0	
mORF_-_1123594	1123594	1123638	-	5	45	TTG	TGA	0	0	
mORF_-_1123718	1123718	1123750	-	6	33	GTG	TGA	0	0	
mORF_-_1123747	1123747	1123791	-	5	45	GTG	TGA	0	0	
mORF_-_1123778	1123778	1123804	-	6	27	ATG	TAA	0	0	
mORF_-_1123795	1123795	1123812	-	5	18	ATG	TGA	0	0	
mORF_-_1123904	1123904	1123933	-	6	30	GTG	TGA	0	0	
mORF_-_1123930	1123930	1124022	-	5	93	ATG	TGA	0	0	
mORF_-_1123946	1123946	1124116	-	6	171	GTG	TGA	0	0	
mORF_-_1124129	1124129	1124152	-	6	24	GTG	TGA	0	0	
mORF_-_1124174	1124174	1124215	-	6	42	GTG	TGA	0	0	
mORF_-_1124200	1124200	1124253	-	5	54	GTG	TGA	0	0	

mORF_-_1124297	1124297	1124314	-	6	18	TTG	TGA	0	0
mORF_-_1124315	1124315	1124437	-	6	123	TTG	TGA	0	0
mORF_-_1124453	1124453	1124617	-	6	165	GTG	TGA	0	0
mORF_-_1124583	1124583	1124699	-	4	117	ATG	TAG	0	0
mORF_-_1124614	1124614	1124628	-	5	15	TTG	TGA	0	0
mORF_-_1124669	1124669	1124713	-	6	45	GTG	TGA	0	0
mORF_-_1124762	1124762	1124812	-	6	51	TTG	TAA	0	0
mORF_-_1124793	1124793	1124828	-	4	36	GTG	TAG	0	0
mORF_-_1124821	1124821	1124943	-	5	123	GTG	TAA	0	0
mORF_-_1124886	1124886	1124912	-	4	27	TTG	TAA	0	0
mORF_-_1124909	1124909	1124953	-	6	45	ATG	TGA	0	0
mORF_-_1124953	1124953	1125000	-	5	48	TTG	TGA	0	0
mORF_-_1125012	1125012	1125071	-	4	60	TTG	TAG	0	0
mORF_-_1125022	1125022	1125228	-	5	207	GTG	TAA	0	0
mORF_-_1125108	1125108	1125170	-	4	63	ATG	TAA	0	0
mORF_-_1125174	1125174	1125188	-	4	15	GTG	TAA	0	0
mORF_-_1125198	1125198	1125206	-	4	9	ATG	TGA	0	0
mORF_-_1125212	1125212	1125337	-	6	126	ATG	TAG	0	0
mORF_-_1125216	1125216	1125230	-	4	15	TTG	TAA	0	0
mORF_-_1125247	1125247	1125324	-	5	78	GTG	TAA	0	0
mORF_-_1125337	1125337	1125381	-	5	45	ATG	TAA	0	0
mORF_-_1125341	1125341	1125457	-	6	117	TTG	TAG	0	0
mORF_-_1125388	1125388	1125486	-	5	99	GTG	TGA	0	0
mORF_-_1125467	1125467	1125577	-	6	111	ATG	TGA	0	0
mORF_-_1125496	1125496	1125570	-	5	75	TTG	TGA	0	0
mORF_-_1125577	1125577	1125693	-	5	117	GTG	TAA	0	0
mORF_-_1125581	1125581	1125628	-	6	48	TTG	TAG	0	0
mORF_-_1125698	1125698	1125874	-	6	177	ATG	TAA	0	0
mORF_-_1125759	1125759	1125803	-	4	45	TTG	TGA	0	0
mORF_-_1125865	1125865	1125870	-	5	6	ATG	TAG	0	0
mORF_-_1125941	1125941	1126180	-	6	240	ATG	TAA	0	0
mORF_-_1126059	1126059	1126076	-	4	18	TTG	TAA	0	0
mORF_-_1126119	1126119	1126124	-	4	6	TTG	TAA	0	0
mORF_-_1126138	1126138	1126161	-	5	24	TTG	TAG	0	0
mORF_-_1126184	1126184	1126282	-	6	99	TTG	TAA	0	0
mORF_-_1126197	1126197	1126256	-	4	60	GTG	TAA	0	0
mORF_-_1126275	1126275	1126295	-	4	21	ATG	TAA	0	0
mORF_-_1126390	1126390	1126491	-	5	102	GTG	TAA	0	0
mORF_-_1126412	1126412	1126477	-	6	66	TTG	TAG	0	0
mORF_-_1126422	1126422	1126433	-	4	12	TTG	TAA	0	0
mORF_-_1126452	1126452	1126529	-	4	78	ATG	TAG	0	0
mORF_-_1126499	1126499	1126507	-	6	9	GTG	TAA	0	0
mORF_-_1126520	1126520	1126660	-	6	141	GTG	TAA	0	0
mORF_-_1126587	1126587	1126985	-	4	399	ATG	TAG	0	0
mORF_-_1126685	1126685	1126924	-	6	240	TTG	TGA	0	0
mORF_-_1126846	1126846	1126977	-	5	132	TTG	TGA	0	0
mORF_-_1126998	1126998	1127300	-	4	303	GTG	TAG	0	0
mORF_-_1127051	1127051	1127059	-	6	9	GTG	TAA	0	0
mORF_-_1127090	1127090	1127173	-	6	84	TTG	TGA	0	0
mORF_-_1127204	1127204	1127380	-	6	177	GTG	TAG	0	0
mORF_-_1127316	1127316	1127429	-	4	114	TTG	TAA	0	0
mORF_-_1127459	1127459	1127557	-	6	99	GTG	TAA	0	0
mORF_-_1127469	1127469	1127573	-	4	105	ATG	TAG	0	0
mORF_-_1127567	1127567	1127599	-	6	33	GTG	TGA	0	0
mORF_-_1127606	1127606	1127614	-	6	9	GTG	TAA	0	0
mORF_-_1127670	1127670	1127816	-	4	147	ATG	TGA	0	0
mORF_-_1127674	1127674	1127727	-	5	54	GTG	TAG	0	0
mORF_-_1127717	1127717	1127740	-	6	24	TTG	TAA	0	0
mORF_-_1127859	1127859	1127957	-	4	99	TTG	TAA	0	0
mORF_-_1127872	1127872	1127961	-	5	90	ATG	TAA	0	0
mORF_-_1127958	1127958	1128041	-	4	84	ATG	TGA	0	0
mORF_-_1128183	1128183	1128224	-	4	42	ATG	TAA	0	0
mORF_-_1128238	1128238	1128282	-	5	45	ATG	TAA	0	0

mORF_-_1128263	1128263	1128295	-	6	33	GTG	TAA	0	0	
mORF_-_1128292	1128292	1128375	-	5	84	TTG	TGA	0	0	
mORF_-_1128336	1128336	1128695	-	4	360	ATG	TAA	0	0	
mORF_-_1128448	1128448	1128453	-	5	6	ATG	TAA	0	0	
mORF_-_1128455	1128455	1128547	-	6	93	GTG	TGA	0	0	
mORF_-_1128502	1128502	1128600	-	5	99	TTG	TAA	0	0	
mORF_-_1128637	1128637	1129053	-	5	417	ATG	TGA	3	7	pORF_-_1128637
mORF_-_1128720	1128720	1128752	-	4	33	TTG	TGA	0	0	
mORF_-_1128810	1128810	1128845	-	4	36	TTG	TGA	0	0	
mORF_-_1128848	1128848	1128934	-	6	87	ATG	TAG	0	0	
mORF_-_1128990	1128990	1129043	-	4	54	TTG	TAA	0	0	
mORF_-_1129058	1129058	1129351	-	6	294	ATG	TGA	2	27	pORF_-_1129058
mORF_-_1129093	1129093	1129107	-	5	15	TTG	TGA	0	0	
mORF_-_1129126	1129126	1129134	-	5	9	GTG	TAA	0	0	
mORF_-_1129153	1129153	1129185	-	5	33	GTG	TAA	0	0	
mORF_-_1129228	1129228	1129233	-	5	6	GTG	TGA	0	0	
mORF_-_1129324	1129324	1129344	-	5	21	TTG	TGA	0	0	
mORF_-_1129348	1129348	1129404	-	5	57	TTG	TGA	0	0	
mORF_-_1129427	1129427	1130086	-	6	660	ATG	TAA	0	0	
mORF_-_1129435	1129435	1129464	-	5	30	TTG	TAA	0	0	
mORF_-_1129474	1129474	1129524	-	5	51	ATG	TAG	0	0	
mORF_-_1129528	1129528	1129566	-	5	39	GTG	TGA	0	0	
mORF_-_1129563	1129563	1129610	-	4	48	ATG	TGA	0	0	
mORF_-_1129576	1129576	1129581	-	5	6	ATG	TGA	0	0	
mORF_-_1129627	1129627	1129680	-	5	54	TTG	TAA	0	0	
mORF_-_1129735	1129735	1129863	-	5	129	ATG	TGA	0	0	
mORF_-_1129842	1129842	1129877	-	4	36	GTG	TAA	0	0	
mORF_-_1129864	1129864	1129869	-	5	6	ATG	TGA	0	0	
mORF_-_1129887	1129887	1129919	-	4	33	ATG	TAA	0	0	
mORF_-_1129894	1129894	1129968	-	5	75	GTG	TGA	0	0	
mORF_-_1130067	1130067	1130132	-	4	66	TTG	TAG	0	0	
mORF_-_1130080	1130080	1130148	-	5	69	ATG	TGA	0	0	
mORF_-_1130105	1130105	1130110	-	6	6	TTG	TAG	0	0	
mORF_-_1130139	1130139	1130201	-	4	63	ATG	TGA	0	0	
mORF_-_1130265	1130265	1130402	-	4	138	TTG	TAA	0	0	
mORF_-_1130273	1130273	1130290	-	6	18	TTG	TGA	0	0	
mORF_-_1130287	1130287	1130325	-	5	39	TTG	TGA	0	0	
mORF_-_1130306	1130306	1130335	-	6	30	TTG	TGA	0	0	
mORF_-_1130354	1130354	1130629	-	6	276	ATG	TGA	0	0	
mORF_-_1130395	1130395	1130448	-	5	54	TTG	TGA	0	0	
mORF_-_1130445	1130445	1130618	-	4	174	TTG	TGA	0	0	
mORF_-_1130620	1130620	1130793	-	5	174	TTG	TGA	0	0	
mORF_-_1130812	1130812	1130823	-	5	12	GTG	TAA	0	0	
mORF_-_1130860	1130860	1130922	-	5	63	TTG	TAA	0	0	
mORF_-_1130870	1130870	1130884	-	6	15	TTG	TGA	0	0	
mORF_-_1130927	1130927	1130977	-	6	51	ATG	TAG	0	0	
mORF_-_1130968	1130968	1130988	-	5	21	GTG	TAA	0	0	
mORF_-_1130985	1130985	1131062	-	4	78	TTG	TGA	0	0	
mORF_-_1130996	1130996	1131034	-	6	39	ATG	TGA	0	0	
mORF_-_1131049	1131049	1131303	-	5	255	GTG	TAA	0	0	
mORF_-_1131075	1131075	1131110	-	4	36	TTG	TAG	0	0	
mORF_-_1131144	1131144	1131263	-	4	120	GTG	TGA	0	0	
mORF_-_1131167	1131167	1131265	-	6	99	TTG	TAA	0	0	
mORF_-_1131344	1131344	1131649	-	6	306	TTG	TAA	0	0	
mORF_-_1131367	1131367	1131525	-	5	159	ATG	TGA	0	0	
mORF_-_1131553	1131553	1131594	-	5	42	GTG	TGA	0	0	
mORF_-_1131610	1131610	1131729	-	5	120	GTG	TAA	0	0	
mORF_-_1131624	1131624	1131647	-	4	24	GTG	TAA	0	0	
mORF_-_1131730	1131730	1131744	-	5	15	GTG	TAA	0	0	
mORF_-_1131769	1131769	1131780	-	5	12	GTG	TAA	0	0	
mORF_-_1131777	1131777	1131782	-	4	6	ATG	TGA	0	0	
mORF_-_1131784	1131784	1131798	-	5	15	ATG	TGA	0	0	
mORF_-_1131791	1131791	1131811	-	6	21	TTG	TGA	0	0	

mORF_-_1131808	1131808	1131882	-	5	75	GTG	TGA	0	0
mORF_-_1131883	1131883	1131969	-	5	87	GTG	TAG	0	0
mORF_-_1131896	1131896	1132132	-	6	237	TTG	TGA	0	0
mORF_-_1131970	1131970	1132062	-	5	93	TTG	TGA	0	0
mORF_-_1132095	1132095	1132160	-	4	66	TTG	TAA	0	0
mORF_-_1132136	1132136	1132378	-	6	243	ATG	TAA	0	0
mORF_-_1132180	1132180	1132317	-	5	138	TTG	TGA	0	0
mORF_-_1132239	1132239	1132253	-	4	15	ATG	TAG	0	0
mORF_-_1132296	1132296	1132304	-	4	9	ATG	TAA	0	0
mORF_-_1132305	1132305	1132478	-	4	174	GTG	TGA	0	0
mORF_-_1132327	1132327	1132335	-	5	9	TTG	TAG	0	0
mORF_-_1132375	1132375	1132383	-	5	9	ATG	TGA	0	0
mORF_-_1132426	1132426	1132632	-	5	207	GTG	TAG	0	0
mORF_-_1132491	1132491	1132544	-	4	54	TTG	TAG	0	0
mORF_-_1132502	1132502	1132807	-	6	306	TTG	TAA	0	0
mORF_-_1132611	1132611	1132628	-	4	18	TTG	TAG	0	0
mORF_-_1132642	1132642	1132647	-	5	6	TTG	TAG	0	0
mORF_-_1132669	1132669	1132701	-	5	33	TTG	TGA	0	0
mORF_-_1132674	1132674	1132775	-	4	102	ATG	TGA	0	0
mORF_-_1132702	1132702	1132914	-	5	213	TTG	TAG	0	0
mORF_-_1132939	1132939	1132986	-	5	48	GTG	TGA	0	0
mORF_-_1133002	1133002	1133115	-	5	114	TTG	TAG	0	0
mORF_-_1133022	1133022	1133078	-	4	57	TTG	TGA	0	0
mORF_-_1133075	1133075	1133233	-	6	159	TTG	TGA	0	0
mORF_-_1133194	1133194	1133403	-	5	210	TTG	TGA	0	0
mORF_-_1133202	1133202	1133378	-	4	177	ATG	TGA	0	0
mORF_-_1133240	1133240	1133338	-	6	99	ATG	TAA	0	0
mORF_-_1133339	1133339	1133353	-	6	15	GTG	TGA	0	0
mORF_-_1133369	1133369	1133758	-	6	390	TTG	TGA	0	0
mORF_-_1133431	1133431	1133451	-	5	21	TTG	TAG	0	0
mORF_-_1133461	1133461	1133481	-	5	21	TTG	TGA	0	0
mORF_-_1133506	1133506	1133616	-	5	111	TTG	TAA	0	0
mORF_-_1133565	1133565	1133948	-	4	384	ATG	TAA	0	0
mORF_-_1133656	1133656	1133673	-	5	18	TTG	TGA	0	0
mORF_-_1133725	1133725	1133799	-	5	75	TTG	TGA	0	0
mORF_-_1133777	1133777	1133821	-	6	45	TTG	TAA	0	0
mORF_-_1133833	1133833	1133922	-	5	90	GTG	TAG	0	0
mORF_-_1133891	1133891	1133908	-	6	18	TTG	TAA	0	0
mORF_-_1133930	1133930	1134025	-	6	96	TTG	TAG	0	0
mORF_-_1133956	1133956	1133964	-	5	9	ATG	TGA	0	0
mORF_-_1133964	1133964	1134128	-	4	165	TTG	TAA	0	0
mORF_-_1134013	1134013	1134033	-	5	21	TTG	TGA	0	0
mORF_-_1134052	1134052	1134114	-	5	63	GTG	TAA	0	0
mORF_-_1134089	1134089	1134229	-	6	141	TTG	TGA	0	0
mORF_-_1134147	1134147	1134152	-	4	6	TTG	TAA	0	0
mORF_-_1134189	1134189	1134194	-	4	6	GTG	TAA	0	0
mORF_-_1134241	1134241	1134285	-	5	45	ATG	TAA	0	0
mORF_-_1134353	1134353	1134403	-	6	51	ATG	TGA	0	0
mORF_-_1134390	1134390	1134728	-	4	339	TTG	TAA	0	0
mORF_-_1134455	1134455	1134511	-	6	57	ATG	TGA	0	0
mORF_-_1134484	1134484	1134552	-	5	69	GTG	TAA	0	0
mORF_-_1134524	1134524	1134565	-	6	42	GTG	TAG	0	0
mORF_-_1134596	1134596	1134646	-	6	51	TTG	TGA	0	0
mORF_-_1134668	1134668	1134700	-	6	33	GTG	TAA	0	0
mORF_-_1134731	1134731	1134898	-	6	168	GTG	TAG	0	0
mORF_-_1134754	1134754	1134807	-	5	54	ATG	TGA	0	0
mORF_-_1134762	1134762	1134788	-	4	27	ATG	TAA	0	0
mORF_-_1134810	1134810	1134929	-	4	120	TTG	TAA	0	0
mORF_-_1134841	1134841	1135437	-	5	597	TTG	TAG	0	0
mORF_-_1134959	1134959	1135000	-	6	42	GTG	TAA	0	0
mORF_-_1134972	1134972	1135055	-	4	84	TTG	TGA	0	0
mORF_-_1135119	1135119	1135298	-	4	180	ATG	TAG	0	0
mORF_-_1135302	1135302	1135364	-	4	63	TTG	TGA	0	0

mORF_-_1135337	1135337	1135345	-	6	9	GTG	TAA	0	0
mORF_-_1135380	1135380	1135415	-	4	36	TTG	TGA	0	0
mORF_-_1135419	1135419	1135424	-	4	6	ATG	TAG	0	0
mORF_-_1135466	1135466	1135537	-	6	72	GTG	TAA	0	0
mORF_-_1135501	1135501	1135518	-	5	18	ATG	TAA	0	0
mORF_-_1135527	1135527	1135595	-	4	69	TTG	TAG	0	0
mORF_-_1135547	1135547	1135573	-	6	27	GTG	TGA	0	0
mORF_-_1135570	1135570	1135653	-	5	84	TTG	TGA	0	0
mORF_-_1135599	1135599	1135676	-	4	78	TTG	TGA	0	0
mORF_-_1135610	1135610	1135729	-	6	120	TTG	TAG	0	0
mORF_-_1135666	1135666	1135674	-	5	9	GTG	TAA	0	0
mORF_-_1135681	1135681	1135698	-	5	18	GTG	TAA	0	0
mORF_-_1135708	1135708	1135869	-	5	162	GTG	TAA	0	0
mORF_-_1135770	1135770	1136093	-	4	324	TTG	TGA	0	0
mORF_-_1135790	1135790	1135837	-	6	48	TTG	TGA	0	0
mORF_-_1135889	1135889	1135915	-	6	27	TTG	TGA	0	0
mORF_-_1135961	1135961	1136137	-	6	177	GTG	TGA	0	0
mORF_-_1136159	1136159	1136182	-	6	24	TTG	TGA	0	0
mORF_-_1136213	1136213	1136272	-	6	60	GTG	TGA	0	0
mORF_-_1136337	1136337	1136417	-	4	81	TTG	TGA	0	0
mORF_-_1136354	1136354	1136590	-	6	237	ATG	TGA	0	0
mORF_-_1136365	1136365	1136382	-	5	18	GTG	TGA	0	0
mORF_-_1136407	1136407	1136415	-	5	9	GTG	TAA	0	0
mORF_-_1136430	1136430	1136546	-	4	117	TTG	TAA	0	0
mORF_-_1136515	1136515	1136577	-	5	63	TTG	TAG	0	0
mORF_-_1136547	1136547	1136555	-	4	9	TTG	TGA	0	0
mORF_-_1136587	1136587	1136649	-	5	63	TTG	TGA	0	0
mORF_-_1136598	1136598	1136645	-	4	48	GTG	TGA	0	0
mORF_-_1136612	1136612	1136641	-	6	30	TTG	TAG	0	0
mORF_-_1136646	1136646	1136765	-	4	120	TTG	TGA	0	0
mORF_-_1136707	1136707	1136919	-	5	213	GTG	TGA	0	0
mORF_-_1136759	1136759	1137157	-	6	399	TTG	TAA	0	0
mORF_-_1136877	1136877	1137131	-	4	255	GTG	TAA	0	0
mORF_-_1137184	1137184	1137246	-	5	63	GTG	TAG	0	0
mORF_-_1137407	1137407	1137544	-	6	138	TTG	TAG	0	0
mORF_-_1137421	1137421	1137429	-	5	9	GTG	TAG	0	0
mORF_-_1137439	1137439	1137462	-	5	24	ATG	TAG	0	0
mORF_-_1137453	1137453	1137626	-	4	174	ATG	TGA	0	0
mORF_-_1137466	1137466	1137501	-	5	36	TTG	TGA	0	0
mORF_-_1137505	1137505	1137519	-	5	15	ATG	TAG	0	0
mORF_-_1137614	1137614	1137667	-	6	54	TTG	TAA	0	0
mORF_-_1137655	1137655	1137711	-	5	57	TTG	TAA	0	0
mORF_-_1137684	1137684	1137767	-	4	84	TTG	TAG	0	0
mORF_-_1137774	1137774	1137818	-	4	45	TTG	TAG	0	0
mORF_-_1137812	1137812	1137925	-	6	114	GTG	TAA	0	0
mORF_-_1137823	1137823	1137954	-	5	132	TTG	TAA	0	0
mORF_-_1137864	1137864	1137944	-	4	81	GTG	TAG	0	0
mORF_-_1138009	1138009	1138146	-	5	138	TTG	TGA	0	0
mORF_-_1138026	1138026	1138040	-	4	15	GTG	TGA	0	0
mORF_-_1138044	1138044	1138076	-	4	33	TTG	TGA	0	0
mORF_-_1138101	1138101	1138112	-	4	12	TTG	TGA	0	0
mORF_-_1138118	1138118	1138183	-	6	66	GTG	TAG	0	0
mORF_-_1138143	1138143	1138190	-	4	48	TTG	TGA	0	0
mORF_-_1138180	1138180	1138212	-	5	33	TTG	TGA	0	0
mORF_-_1138257	1138257	1138271	-	4	15	GTG	TGA	0	0
mORF_-_1138272	1138272	1138292	-	4	21	TTG	TAA	0	0
mORF_-_1138280	1138280	1138513	-	6	234	ATG	TGA	0	0
mORF_-_1138300	1138300	1138329	-	5	30	TTG	TGA	0	0
mORF_-_1138377	1138377	1138448	-	4	72	ATG	TAA	0	0
mORF_-_1138420	1138420	1138611	-	5	192	TTG	TAA	0	0
mORF_-_1138464	1138464	1138649	-	4	186	GTG	TGA	0	0
mORF_-_1138683	1138683	1138688	-	4	6	TTG	TAA	0	0
mORF_-_1138707	1138707	1138943	-	4	237	TTG	TGA	0	0

mORF_-_1138745	1138745	1138780	-	6	36	ATG	TAA	0	0	
mORF_-_1138876	1138876	1138968	-	5	93	TTG	TAA	0	0	
mORF_-_1138947	1138947	1138973	-	4	27	TTG	TGA	0	0	
mORF_-_1139013	1139013	1139105	-	4	93	TTG	TAA	0	0	
mORF_-_1139023	1139023	1139160	-	5	138	TTG	TAA	0	0	
mORF_-_1139106	1139106	1139132	-	4	27	TTG	TGA	0	0	
mORF_-_1139129	1139129	1139209	-	6	81	TTG	TGA	0	0	
mORF_-_1139175	1139175	1139237	-	4	63	ATG	TAA	0	0	
mORF_-_1139231	1139231	1139308	-	6	78	TTG	TAA	0	0	
mORF_-_1139241	1139241	1139288	-	4	48	TTG	TAG	0	0	
mORF_-_1139263	1139263	1139271	-	5	9	GTG	TGA	0	0	
mORF_-_1139312	1139312	1139464	-	6	153	GTG	TGA	0	0	
mORF_-_1139365	1139365	1139478	-	5	114	GTG	TAA	0	0	
mORF_-_1139394	1139394	1139468	-	4	75	TTG	TGA	0	0	
mORF_-_1139465	1139465	1139509	-	6	45	GTG	TGA	0	0	
mORF_-_1139475	1139475	1139777	-	4	303	GTG	TGA	0	0	
mORF_-_1139540	1139540	1139557	-	6	18	GTG	TAG	0	0	
mORF_-_1139587	1139587	1139631	-	5	45	TTG	TAG	0	0	
mORF_-_1139597	1139597	1139638	-	6	42	GTG	TGA	0	0	
mORF_-_1139654	1139654	1139659	-	6	6	ATG	TAG	0	0	
mORF_-_1139669	1139669	1140010	-	6	342	GTG	TAA	0	0	
mORF_-_1139803	1139803	1140111	-	5	309	TTG	TAA	0	0	
mORF_-_1140060	1140060	1140068	-	4	9	TTG	TAA	0	0	
mORF_-_1140112	1140112	1140120	-	5	9	ATG	TAG	0	0	
mORF_-_1140117	1140117	1140299	-	4	183	ATG	TGA	0	0	
mORF_-_1140122	1140122	1140205	-	6	84	TTG	TAA	0	0	
mORF_-_1140127	1140127	1140165	-	5	39	ATG	TGA	0	0	
mORF_-_1140217	1140217	1140225	-	5	9	ATG	TAA	0	0	
mORF_-_1140227	1140227	1140280	-	6	54	ATG	TGA	0	0	
mORF_-_1140289	1140289	1140348	-	5	60	TTG	TAG	0	0	
mORF_-_1140398	1140398	1140538	-	6	141	ATG	TAG	0	0	
mORF_-_1140405	1140405	1143590	-	4	3186	ATG	TAA	133	1627	pORF_-_1140405
mORF_-_1140560	1140560	1140589	-	6	30	TTG	TGA	0	0	
mORF_-_1140614	1140614	1140625	-	6	12	TTG	TAG	0	0	
mORF_-_1140647	1140647	1140688	-	6	42	TTG	TAG	0	0	
mORF_-_1140689	1140689	1140772	-	6	84	TTG	TAG	0	0	
mORF_-_1140782	1140782	1140793	-	6	12	ATG	TAG	0	0	
mORF_-_1140839	1140839	1140886	-	6	48	TTG	TGA	0	0	
mORF_-_1140902	1140902	1140943	-	6	42	TTG	TAG	0	0	
mORF_-_1140977	1140977	1141048	-	6	72	TTG	TGA	0	0	
mORF_-_1141021	1141021	1141098	-	5	78	GTG	TGA	0	0	
mORF_-_1141106	1141106	1141168	-	6	63	GTG	TGA	0	0	
mORF_-_1141169	1141169	1141237	-	6	69	ATG	TAA	0	0	
mORF_-_1141292	1141292	1141357	-	6	66	TTG	TGA	0	0	
mORF_-_1141385	1141385	1141498	-	6	114	ATG	TAG	0	0	
mORF_-_1141499	1141499	1141561	-	6	63	GTG	TGA	0	0	
mORF_-_1141604	1141604	1141840	-	6	237	GTG	TAA	0	0	
mORF_-_1141937	1141937	1142074	-	6	138	ATG	TAG	0	0	
mORF_-_1142096	1142096	1142173	-	6	78	TTG	TAA	0	0	
mORF_-_1142174	1142174	1142212	-	6	39	ATG	TAA	0	0	
mORF_-_1142213	1142213	1142233	-	6	21	ATG	TAA	0	0	
mORF_-_1142234	1142234	1142266	-	6	33	TTG	TGA	0	0	
mORF_-_1142312	1142312	1142401	-	6	90	GTG	TGA	0	0	
mORF_-_1142347	1142347	1142382	-	5	36	TTG	TGA	0	0	
mORF_-_1142414	1142414	1142500	-	6	87	GTG	TGA	0	0	
mORF_-_1142513	1142513	1142521	-	6	9	GTG	TAG	0	0	
mORF_-_1142540	1142540	1142563	-	6	24	TTG	TGA	0	0	
mORF_-_1142564	1142564	1142608	-	6	45	ATG	TGA	0	0	
mORF_-_1142693	1142693	1142749	-	6	57	GTG	TAA	0	0	
mORF_-_1142995	1142995	1143048	-	5	54	ATG	TGA	0	0	
mORF_-_1143038	1143038	1143118	-	6	81	TTG	TAA	0	0	
mORF_-_1143137	1143137	1143181	-	6	45	GTG	TAA	0	0	
mORF_-_1143242	1143242	1143373	-	6	132	TTG	TAA	0	0	

mORF_-_1143380	1143380	1143532	-	6	153	ATG	TAA	0	0	
mORF_-_1143533	1143533	1143544	-	6	12	TTG	TAG	0	0	
mORF_-_1143587	1143587	1143604	-	6	18	ATG	TGA	0	0	
mORF_-_1143610	1143610	1143615	-	5	6	ATG	TAA	0	0	
mORF_-_1143622	1143622	1143696	-	5	75	GTG	TAG	0	0	
mORF_-_1143705	1143705	1143809	-	4	105	ATG	TGA	0	0	
mORF_-_1143743	1143743	1143763	-	6	21	TTG	TGA	0	0	
mORF_-_1143767	1143767	1143859	-	6	93	TTG	TGA	0	0	
mORF_-_1143787	1143787	1143828	-	5	42	TTG	TAA	0	0	
mORF_-_1143840	1143840	1143959	-	4	120	ATG	TAG	0	0	
mORF_-_1143856	1143856	1143900	-	5	45	TTG	TGA	0	0	
mORF_-_1143866	1143866	1143874	-	6	9	ATG	TAA	0	0	
mORF_-_1143907	1143907	1143972	-	5	66	TTG	TAA	0	0	
mORF_-_1143959	1143959	1144021	-	6	63	GTG	TAA	0	0	
mORF_-_1143979	1143979	1144002	-	5	24	ATG	TAA	0	0	
mORF_-_1144018	1144018	1144032	-	5	15	GTG	TGA	0	0	
mORF_-_1144029	1144029	1144181	-	4	153	ATG	TGA	0	0	
mORF_-_1144051	1144051	1144098	-	5	48	TTG	TAA	0	0	
mORF_-_1144073	1144073	1144114	-	6	42	ATG	TGA	0	0	
mORF_-_1144144	1144144	1144203	-	5	60	GTG	TAG	0	0	
mORF_-_1144148	1144148	1144420	-	6	273	TTG	TAA	0	0	
mORF_-_1144200	1144200	1144265	-	4	66	TTG	TGA	0	0	
mORF_-_1144276	1144276	1144446	-	5	171	ATG	TAA	0	0	
mORF_-_1144323	1144323	1144412	-	4	90	GTG	TAA	0	0	
mORF_-_1144448	1144448	1144504	-	6	57	ATG	TAA	0	0	
mORF_-_1144462	1144462	1144467	-	5	6	ATG	TGA	0	0	
mORF_-_1144517	1144517	1144585	-	6	69	ATG	TAA	0	0	
mORF_-_1144530	1144530	1144817	-	4	288	GTG	TAA	0	0	
mORF_-_1144582	1144582	1144602	-	5	21	GTG	TGA	0	0	
mORF_-_1144604	1144604	1144660	-	6	57	TTG	TGA	0	0	
mORF_-_1144661	1144661	1144738	-	6	78	TTG	TAA	0	0	
mORF_-_1144745	1144745	1144921	-	6	177	ATG	TAA	0	0	
mORF_-_1144792	1144792	1144803	-	5	12	TTG	TGA	0	0	
mORF_-_1144821	1144821	1144907	-	4	87	GTG	TAA	0	0	
mORF_-_1144837	1144837	1144851	-	5	15	GTG	TAG	0	0	
mORF_-_1144942	1144942	1144986	-	5	45	GTG	TAG	0	0	
mORF_-_1144991	1144991	1145218	-	6	228	GTG	TAA	0	0	
mORF_-_1145119	1145119	1145127	-	5	9	TTG	TAG	0	0	
mORF_-_1145169	1145169	1145279	-	4	111	GTG	TAA	0	0	
mORF_-_1145179	1145179	1145229	-	5	51	TTG	TGA	0	0	
mORF_-_1145234	1145234	1145857	-	6	624	ATG	TAG	12	50	pORF_-_1145234
mORF_-_1145287	1145287	1145319	-	5	33	GTG	TAA	0	0	
mORF_-_1145326	1145326	1145415	-	5	90	TTG	TAG	0	0	
mORF_-_1145428	1145428	1145559	-	5	132	ATG	TGA	0	0	
mORF_-_1145569	1145569	1145622	-	5	54	TTG	TAA	0	0	
mORF_-_1145595	1145595	1145744	-	4	150	ATG	TGA	0	0	
mORF_-_1145626	1145626	1145748	-	5	123	TTG	TAA	0	0	
mORF_-_1145745	1145745	1145786	-	4	42	ATG	TGA	0	0	
mORF_-_1145830	1145830	1145952	-	5	123	TTG	TGA	0	0	
mORF_-_1145864	1145864	1145959	-	6	96	TTG	TAG	0	0	
mORF_-_1145943	1145943	1145963	-	4	21	GTG	TAA	0	0	
mORF_-_1145993	1145993	1146022	-	6	30	TTG	TAA	0	0	
mORF_-_1146032	1146032	1146184	-	6	153	TTG	TAA	0	0	
mORF_-_1146103	1146103	1146162	-	5	60	ATG	TGA	0	0	
mORF_-_1146197	1146197	1146262	-	6	66	ATG	TAA	0	0	
mORF_-_1146255	1146255	1146275	-	4	21	TTG	TAA	0	0	
mORF_-_1146268	1146268	1146684	-	5	417	TTG	TAG	0	0	
mORF_-_1146285	1146285	1146320	-	4	36	GTG	TAA	0	0	
mORF_-_1146299	1146299	1146493	-	6	195	TTG	TGA	0	0	
mORF_-_1146348	1146348	1146380	-	4	33	TTG	TAA	0	0	
mORF_-_1146396	1146396	1146614	-	4	219	TTG	TGA	0	0	
mORF_-_1146524	1146524	1146715	-	6	192	GTG	TAA	0	0	
mORF_-_1146709	1146709	1146720	-	5	12	GTG	TGA	0	0	

mORF_-_1146733	1146733	1146771	-	5	39	ATG	TAG	0	0	
mORF_-_1146756	1146756	1146767	-	4	12	GTG	TAG	0	0	
mORF_-_1146764	1146764	1146850	-	6	87	GTG	TGA	0	0	
mORF_-_1146786	1146786	1147202	-	4	417	TTG	TAA	0	0	
mORF_-_1146865	1146865	1146942	-	5	78	TTG	TAA	0	0	
mORF_-_1146872	1146872	1146925	-	6	54	GTG	TGA	0	0	
mORF_-_1146977	1146977	1146985	-	6	9	ATG	TGA	0	0	
mORF_-_1146985	1146985	1147011	-	5	27	TTG	TAA	0	0	
mORF_-_1147042	1147042	1147074	-	5	33	TTG	TGA	0	0	
mORF_-_1147076	1147076	1147102	-	6	27	TTG	TAG	0	0	
mORF_-_1147099	1147099	1147143	-	5	45	TTG	TGA	0	0	
mORF_-_1147151	1147151	1147189	-	6	39	TTG	TGA	0	0	
mORF_-_1147199	1147199	1147312	-	6	114	TTG	TGA	0	0	
mORF_-_1147243	1147243	1147257	-	5	15	TTG	TAA	0	0	
mORF_-_1147251	1147251	1147472	-	4	222	TTG	TGA	0	0	
mORF_-_1147282	1147282	1147323	-	5	42	TTG	TAA	0	0	
mORF_-_1147451	1147451	1147459	-	6	9	TTG	TAA	0	0	
mORF_-_1147482	1147482	1147556	-	4	75	GTG	TAG	0	0	
mORF_-_1147553	1147553	1147558	-	6	6	ATG	TGA	0	0	
mORF_-_1147660	1147660	1147692	-	5	33	GTG	TAG	0	0	
mORF_-_1147689	1147689	1147742	-	4	54	GTG	TGA	0	0	
mORF_-_1147694	1147694	1148110	-	6	417	GTG	TGA	0	0	
mORF_-_1147726	1147726	1147983	-	5	258	ATG	TAA	0	0	
mORF_-_1147755	1147755	1147769	-	4	15	TTG	TGA	0	0	
mORF_-_1147830	1147830	1147946	-	4	117	TTG	TGA	0	0	
mORF_-_1147995	1147995	1148036	-	4	42	TTG	TAA	0	0	
mORF_-_1148011	1148011	1148184	-	5	174	ATG	TAG	0	0	
mORF_-_1148082	1148082	1148219	-	4	138	TTG	TGA	0	0	
mORF_-_1148135	1148135	1148266	-	6	132	TTG	TGA	1	2	pORF_-_1148135
mORF_-_1148263	1148263	1148328	-	5	66	GTG	TGA	0	0	
mORF_-_1148280	1148280	1148297	-	4	18	ATG	TAA	0	0	
mORF_-_1148325	1148325	1148426	-	4	102	TTG	TGA	0	0	
mORF_-_1148336	1148336	1148521	-	6	186	ATG	TAA	0	0	
mORF_-_1148350	1148350	1148511	-	5	162	GTG	TGA	0	0	
mORF_-_1148502	1148502	1148588	-	4	87	TTG	TGA	0	0	
mORF_-_1148585	1148585	1149466	-	6	882	ATG	TGA	0	0	
mORF_-_1148590	1148590	1148649	-	5	60	ATG	TGA	0	0	
mORF_-_1148713	1148713	1148907	-	5	195	GTG	TGA	0	0	
mORF_-_1148733	1148733	1148741	-	4	9	TTG	TGA	0	0	
mORF_-_1148904	1148904	1149209	-	4	306	TTG	TGA	0	0	
mORF_-_1148944	1148944	1148952	-	5	9	ATG	TAA	0	0	
mORF_-_1149220	1149220	1149357	-	5	138	ATG	TGA	0	0	
mORF_-_1149342	1149342	1149353	-	4	12	TTG	TAG	0	0	
mORF_-_1149453	1149453	1149515	-	4	63	TTG	TAA	0	0	
mORF_-_1149530	1149530	1149553	-	6	24	GTG	TAA	0	0	
mORF_-_1149550	1149550	1149678	-	5	129	ATG	TGA	0	0	
mORF_-_1149596	1149596	1149763	-	6	168	ATG	TAA	0	0	
mORF_-_1149612	1149612	1149689	-	4	78	GTG	TAA	0	0	
mORF_-_1149715	1149715	1149741	-	5	27	ATG	TGA	0	0	
mORF_-_1149766	1149766	1149822	-	5	57	GTG	TAG	0	0	
mORF_-_1149877	1149877	1149996	-	5	120	GTG	TAA	0	0	
mORF_-_1149891	1149891	1149953	-	4	63	TTG	TGA	0	0	
mORF_-_1150026	1150026	1150085	-	4	60	ATG	TGA	0	0	
mORF_-_1150033	1150033	1150221	-	5	189	TTG	TAA	0	0	
mORF_-_1150209	1150209	1150247	-	4	39	TTG	TAA	0	0	
mORF_-_1150244	1150244	1150282	-	6	39	ATG	TGA	0	0	
mORF_-_1150279	1150279	1150320	-	5	42	ATG	TGA	0	0	
mORF_-_1150333	1150333	1150341	-	5	9	TTG	TGA	0	0	
mORF_-_1150342	1150342	1150542	-	5	201	TTG	TAG	0	0	
mORF_-_1150374	1150374	1150406	-	4	33	GTG	TGA	0	0	
mORF_-_1150403	1150403	1150651	-	6	249	ATG	TGA	0	0	
mORF_-_1150440	1150440	1150562	-	4	123	ATG	TAA	0	0	
mORF_-_1150576	1150576	1150620	-	5	45	ATG	TAA	0	0	

mORF_-_1150581	1150581	1150640	-	4	60	GTG	TGA	0	0	
mORF_-_1150685	1150685	1150726	-	6	42	TTG	TAA	0	0	
mORF_-_1150723	1150723	1151031	-	5	309	GTG	TGA	0	0	
mORF_-_1150784	1150784	1151137	-	6	354	ATG	TAA	0	0	
mORF_-_1151035	1151035	1151046	-	5	12	ATG	TGA	0	0	
mORF_-_1151050	1151050	1151082	-	5	33	ATG	TAA	0	0	
mORF_-_1151112	1151112	1151159	-	4	48	TTG	TAA	0	0	
mORF_-_1151134	1151134	1151217	-	5	84	TTG	TGA	0	0	
mORF_-_1151254	1151254	1151265	-	5	12	ATG	TGA	0	0	
mORF_-_1151270	1151270	1151281	-	6	12	ATG	TAG	0	0	
mORF_-_1151289	1151289	1151303	-	4	15	TTG	TAG	0	0	
mORF_-_1151296	1151296	1151385	-	5	90	ATG	TAG	0	0	
mORF_-_1151318	1151318	1151518	-	6	201	GTG	TAA	0	0	
mORF_-_1151382	1151382	1151543	-	4	162	GTG	TGA	0	0	
mORF_-_1151410	1151410	1151586	-	5	177	ATG	TGA	0	0	
mORF_-_1151550	1151550	1151573	-	4	24	TTG	TGA	0	0	
mORF_-_1151570	1151570	1151680	-	6	111	ATG	TGA	0	0	
mORF_-_1151596	1151596	1151799	-	5	204	TTG	TGA	0	0	
mORF_-_1151691	1151691	1151786	-	4	96	ATG	TAA	0	0	
mORF_-_1151786	1151786	1151968	-	6	183	ATG	TAA	0	0	
mORF_-_1151790	1151790	1152017	-	4	228	TTG	TAG	0	0	
mORF_-_1151965	1151965	1152039	-	5	75	ATG	TGA	0	0	
mORF_-_1151975	1151975	1152184	-	6	210	GTG	TGA	0	0	
mORF_-_1152058	1152058	1152165	-	5	108	GTG	TAG	0	0	
mORF_-_1152081	1152081	1152143	-	4	63	TTG	TAG	0	0	
mORF_-_1152188	1152188	1152418	-	6	231	GTG	TAA	0	0	
mORF_-_1152213	1152213	1152257	-	4	45	TTG	TAG	0	0	
mORF_-_1152217	1152217	1152225	-	5	9	ATG	TAG	0	0	
mORF_-_1152241	1152241	1152264	-	5	24	TTG	TGA	0	0	
mORF_-_1152319	1152319	1152372	-	5	54	GTG	TGA	0	0	
mORF_-_1152400	1152400	1152411	-	5	12	ATG	TAG	0	0	
mORF_-_1152421	1152421	1152486	-	5	66	ATG	TAA	0	0	
mORF_-_1152452	1152452	1152502	-	6	51	TTG	TAA	0	0	
mORF_-_1152459	1152459	1152494	-	4	36	GTG	TAA	0	0	
mORF_-_1152529	1152529	1152543	-	5	15	ATG	TAA	0	0	
mORF_-_1152533	1152533	1152577	-	6	45	TTG	TAA	0	0	
mORF_-_1152540	1152540	1152605	-	4	66	GTG	TGA	0	0	
mORF_-_1152637	1152637	1152648	-	5	12	ATG	TAA	0	0	
mORF_-_1152658	1152658	1152858	-	5	201	ATG	TAG	1	2	pORF_-_1152658
mORF_-_1152705	1152705	1152803	-	4	99	GTG	TGA	0	0	
mORF_-_1152770	1152770	1152823	-	6	54	TTG	TGA	0	0	
mORF_-_1152839	1152839	1152856	-	6	18	GTG	TAA	0	0	
mORF_-_1152858	1152858	1152920	-	4	63	TTG	TAA	0	0	
mORF_-_1152895	1152895	1153182	-	5	288	TTG	TAG	0	0	
mORF_-_1152924	1152924	1152950	-	4	27	TTG	TGA	0	0	
mORF_-_1152947	1152947	1152994	-	6	48	TTG	TGA	0	0	
mORF_-_1152978	1152978	1153076	-	4	99	TTG	TGA	0	0	
mORF_-_1153101	1153101	1153121	-	4	21	ATG	TGA	0	0	
mORF_-_1153121	1153121	1153153	-	6	33	GTG	TAA	0	0	
mORF_-_1153220	1153220	1153444	-	6	225	TTG	TAA	0	0	
mORF_-_1153362	1153362	1153739	-	4	378	ATG	TAA	0	0	
mORF_-_1153505	1153505	1153525	-	6	21	TTG	TAA	0	0	
mORF_-_1153522	1153522	1153533	-	5	12	GTG	TGA	0	0	
mORF_-_1153600	1153600	1153659	-	5	60	GTG	TAA	0	0	
mORF_-_1153700	1153700	1153882	-	6	183	TTG	TAA	0	0	
mORF_-_1153732	1153732	1153779	-	5	48	GTG	TGA	0	0	
mORF_-_1153863	1153863	1153880	-	4	18	GTG	TAA	0	0	
mORF_-_1153867	1153867	1153974	-	5	108	TTG	TGA	0	0	
mORF_-_1153937	1153937	1154047	-	6	111	ATG	TAA	0	0	
mORF_-_1154040	1154040	1154540	-	4	501	ATG	TAA	0	0	
mORF_-_1154099	1154099	1154152	-	6	54	GTG	TAA	0	0	
mORF_-_1154153	1154153	1154161	-	6	9	ATG	TAG	0	0	
mORF_-_1154161	1154161	1154232	-	5	72	TTG	TAA	0	0	

mORF_-_1154273	1154273	1154290	-	6	18	TTG	TGA	0	0	
mORF_-_1154300	1154300	1154308	-	6	9	TTG	TGA	0	0	
mORF_-_1154335	1154335	1154481	-	5	147	TTG	TAA	0	0	
mORF_-_1154494	1154494	1154700	-	5	207	ATG	TAA	0	0	
mORF_-_1154583	1154583	1154660	-	4	78	GTG	TGA	0	0	
mORF_-_1154618	1154618	1154713	-	6	96	GTG	TAG	0	0	
mORF_-_1154757	1154757	1154855	-	4	99	GTG	TAG	0	0	
mORF_-_1154785	1154785	1155000	-	5	216	ATG	TAA	0	0	
mORF_-_1154846	1154846	1154944	-	6	99	TTG	TAA	0	0	
mORF_-_1154865	1154865	1154897	-	4	33	ATG	TAG	0	0	
mORF_-_1154898	1154898	1154951	-	4	54	GTG	TGA	0	0	
mORF_-_1154951	1154951	1154986	-	6	36	ATG	TAG	0	0	
mORF_-_1155003	1155003	1155059	-	4	57	ATG	TAA	0	0	
mORF_-_1155053	1155053	1155070	-	6	18	ATG	TGA	0	0	
mORF_-_1155071	1155071	1155088	-	6	18	ATG	TGA	0	0	
mORF_-_1155122	1155122	1155154	-	6	33	TTG	TAA	0	0	
mORF_-_1155126	1155126	1155293	-	4	168	GTG	TAA	0	0	
mORF_-_1155179	1155179	1155199	-	6	21	GTG	TGA	0	0	
mORF_-_1155212	1155212	1155274	-	6	63	GTG	TAG	0	0	
mORF_-_1155271	1155271	1155297	-	5	27	GTG	TGA	0	0	
mORF_-_1155358	1155358	1155390	-	5	33	GTG	TAG	0	0	
mORF_-_1155415	1155415	1155660	-	5	246	ATG	TAG	0	0	
mORF_-_1155465	1155465	1155470	-	4	6	ATG	TAA	0	0	
mORF_-_1155681	1155681	1155704	-	4	24	TTG	TAG	0	0	
mORF_-_1155691	1155691	1155819	-	5	129	TTG	TAA	0	0	
mORF_-_1155717	1155717	1155722	-	4	6	GTG	TAA	0	0	
mORF_-_1155750	1155750	1155869	-	4	120	GTG	TAG	0	0	
mORF_-_1155761	1155761	1155922	-	6	162	GTG	TGA	0	0	
mORF_-_1155930	1155930	1155956	-	4	27	TTG	TAA	0	0	
mORF_-_1155969	1155969	1156001	-	4	33	ATG	TAG	0	0	
mORF_-_1155998	1155998	1156204	-	6	207	GTG	TGA	0	0	
mORF_-_1156015	1156015	1156056	-	5	42	ATG	TGA	0	0	
mORF_-_1156041	1156041	1156124	-	4	84	GTG	TAA	0	0	
mORF_-_1156137	1156137	1156208	-	4	72	TTG	TAA	0	0	
mORF_-_1156141	1156141	1156200	-	5	60	ATG	TAA	0	0	
mORF_-_1156237	1156237	1156389	-	5	153	ATG	TAA	0	0	
mORF_-_1156299	1156299	1156304	-	4	6	GTG	TAA	0	0	
mORF_-_1156323	1156323	1156340	-	4	18	ATG	TGA	0	0	
mORF_-_1156344	1156344	1156373	-	4	30	TTG	TGA	0	0	
mORF_-_1156379	1156379	1156420	-	6	42	TTG	TAA	0	0	
mORF_-_1156459	1156459	1156464	-	5	6	GTG	TAG	0	0	
mORF_-_1156469	1156469	1156618	-	6	150	GTG	TAA	0	0	
mORF_-_1156498	1156498	1156560	-	5	63	TTG	TAA	0	0	
mORF_-_1156515	1156515	1156535	-	4	21	ATG	TAA	0	0	
mORF_-_1156615	1156615	1156785	-	5	171	TTG	TGA	0	0	
mORF_-_1156656	1156656	1156739	-	4	84	GTG	TGA	0	0	
mORF_-_1156761	1156761	1156766	-	4	6	ATG	TGA	0	0	
mORF_-_1156782	1156782	1156790	-	4	9	ATG	TGA	0	0	
mORF_-_1156821	1156821	1156967	-	4	147	GTG	TAA	0	0	
mORF_-_1156828	1156828	1156875	-	5	48	GTG	TAG	0	0	
mORF_-_1156844	1156844	1156924	-	6	81	TTG	TGA	0	0	
mORF_-_1156903	1156903	1156959	-	5	57	TTG	TGA	0	0	
mORF_-_1156952	1156952	1157089	-	6	138	TTG	TGA	0	0	
mORF_-_1156972	1156972	1157067	-	5	96	GTG	TAA	0	0	
mORF_-_1157004	1157004	1157309	-	4	306	TTG	TAA	0	0	
mORF_-_1157086	1157086	1157397	-	5	312	ATG	TGA	0	0	
mORF_-_1157096	1157096	1157107	-	6	12	ATG	TAA	0	0	
mORF_-_1157231	1157231	1157272	-	6	42	GTG	TAA	0	0	
mORF_-_1157346	1157346	1157483	-	4	138	ATG	TAG	0	0	
mORF_-_1157360	1157360	1157386	-	6	27	GTG	TAA	0	0	
mORF_-_1157398	1157398	1158522	-	5	1125	GTG	TAA	1	2	pORF_-_1157398
mORF_-_1157496	1157496	1157603	-	4	108	ATG	TAG	0	0	
mORF_-_1157600	1157600	1157626	-	6	27	TTG	TGA	0	0	

mORF_-_1157652	1157652	1157681	-	4	30	ATG	TAA	0	0	
mORF_-_1157682	1157682	1157771	-	4	90	TTG	TAA	0	0	
mORF_-_1157781	1157781	1157801	-	4	21	ATG	TGA	0	0	
mORF_-_1157808	1157808	1158149	-	4	342	TTG	TAA	0	0	
mORF_-_1157858	1157858	1157887	-	6	30	TTG	TGA	0	0	
mORF_-_1158029	1158029	1158064	-	6	36	TTG	TGA	0	0	
mORF_-_1158195	1158195	1158335	-	4	141	ATG	TAG	0	0	
mORF_-_1158218	1158218	1158316	-	6	99	ATG	TAA	0	0	
mORF_-_1158338	1158338	1158352	-	6	15	ATG	TAG	0	0	
mORF_-_1158456	1158456	1158512	-	4	57	ATG	TGA	0	0	
mORF_-_1158585	1158585	1160774	-	4	2190	ATG	TGA	4	63	pORF_-_1158585
mORF_-_1158713	1158713	1158778	-	6	66	ATG	TGA	0	0	
mORF_-_1158785	1158785	1158826	-	6	42	GTG	TGA	0	0	
mORF_-_1158836	1158836	1158952	-	6	117	TTG	TGA	0	0	
mORF_-_1158956	1158956	1159099	-	6	144	TTG	TGA	0	0	
mORF_-_1159151	1159151	1159276	-	6	126	TTG	TGA	0	0	
mORF_-_1159325	1159325	1159336	-	6	12	TTG	TGA	0	0	
mORF_-_1159367	1159367	1159408	-	6	42	ATG	TGA	0	0	
mORF_-_1159418	1159418	1159573	-	6	156	TTG	TGA	0	0	
mORF_-_1159507	1159507	1159530	-	5	24	ATG	TGA	0	0	
mORF_-_1159577	1159577	1159726	-	6	150	ATG	TAA	0	0	
mORF_-_1159642	1159642	1159662	-	5	21	TTG	TAA	0	0	
mORF_-_1159736	1159736	1159753	-	6	18	ATG	TAA	0	0	
mORF_-_1159757	1159757	1159795	-	6	39	ATG	TGA	0	0	
mORF_-_1159796	1159796	1159822	-	6	27	TTG	TGA	0	0	
mORF_-_1159838	1159838	1159972	-	6	135	TTG	TGA	0	0	
mORF_-_1160015	1160015	1160212	-	6	198	GTG	TAG	0	0	
mORF_-_1160053	1160053	1160076	-	5	24	ATG	TGA	0	0	
mORF_-_1160270	1160270	1160290	-	6	21	GTG	TGA	0	0	
mORF_-_1160300	1160300	1160425	-	6	126	GTG	TAG	0	0	
mORF_-_1160471	1160471	1160548	-	6	78	GTG	TGA	0	0	
mORF_-_1160588	1160588	1160641	-	6	54	TTG	TAA	0	0	
mORF_-_1160642	1160642	1160671	-	6	30	TTG	TGA	0	0	
mORF_-_1160653	1160653	1160706	-	5	54	TTG	TGA	0	0	
mORF_-_1160699	1160699	1160713	-	6	15	TTG	TAG	0	0	
mORF_-_1160790	1160790	1160888	-	4	99	ATG	TAA	0	0	
mORF_-_1160807	1160807	1160977	-	6	171	TTG	TGA	0	0	
mORF_-_1160839	1160839	1160910	-	5	72	TTG	TAA	0	0	
mORF_-_1160926	1160926	1161078	-	5	153	TTG	TGA	0	0	
mORF_-_1161006	1161006	1161038	-	4	33	ATG	TAA	0	0	
mORF_-_1161042	1161042	1161224	-	4	183	ATG	TAG	0	0	
mORF_-_1161086	1161086	1161133	-	6	48	TTG	TAG	0	0	
mORF_-_1161136	1161136	1161219	-	5	84	TTG	TAA	0	0	
mORF_-_1161167	1161167	1161307	-	6	141	GTG	TAG	0	0	
mORF_-_1161270	1161270	1161581	-	4	312	ATG	TGA	0	0	
mORF_-_1161304	1161304	1161318	-	5	15	TTG	TGA	0	0	
mORF_-_1161353	1161353	1161376	-	6	24	TTG	TAG	0	0	
mORF_-_1161364	1161364	1161600	-	5	237	ATG	TGA	0	0	
mORF_-_1161398	1161398	1161406	-	6	9	ATG	TAA	0	0	
mORF_-_1161530	1161530	1161562	-	6	33	TTG	TGA	0	0	
mORF_-_1161584	1161584	1161640	-	6	57	TTG	TAA	0	0	
mORF_-_1161600	1161600	1161656	-	4	57	TTG	TGA	0	0	
mORF_-_1161653	1161653	1161820	-	6	168	GTG	TGA	0	0	
mORF_-_1161684	1161684	1161752	-	4	69	GTG	TAA	0	0	
mORF_-_1161703	1161703	1161822	-	5	120	TTG	TAA	0	0	
mORF_-_1161759	1161759	1161773	-	4	15	GTG	TAA	0	0	
mORF_-_1161825	1161825	1162304	-	4	480	TTG	TGA	0	0	
mORF_-_1161832	1161832	1161867	-	5	36	TTG	TAA	0	0	
mORF_-_1161878	1161878	1162003	-	6	126	GTG	TAG	1	2	pORF_-_1161878
mORF_-_1161889	1161889	1162110	-	5	222	TTG	TAA	0	0	
mORF_-_1162091	1162091	1162369	-	6	279	TTG	TAA	0	0	
mORF_-_1162332	1162332	1162382	-	4	51	ATG	TAA	0	0	
mORF_-_1162382	1162382	1162411	-	6	30	TTG	TAA	0	0	

mORF_-_1162428	1162428	1162433	-	4	6	TTG	TAG	0	0	
mORF_-_1162465	1162465	1162638	-	5	174	GTG	TAA	0	0	
mORF_-_1162473	1162473	1162511	-	4	39	GTG	TGA	0	0	
mORF_-_1162548	1162548	1162598	-	4	51	ATG	TGA	0	0	
mORF_-_1162595	1162595	1162978	-	6	384	ATG	TGA	0	0	
mORF_-_1162629	1162629	1162706	-	4	78	ATG	TGA	0	0	
mORF_-_1162687	1162687	1162692	-	5	6	TTG	TGA	0	0	
mORF_-_1162693	1162693	1162722	-	5	30	ATG	TAG	0	0	
mORF_-_1162752	1162752	1162793	-	4	42	TTG	TAG	0	0	
mORF_-_1162819	1162819	1162830	-	5	12	TTG	TAG	0	0	
mORF_-_1162824	1162824	1163126	-	4	303	TTG	TGA	0	0	
mORF_-_1162864	1162864	1162887	-	5	24	TTG	TAA	0	0	
mORF_-_1162969	1162969	1162995	-	5	27	GTG	TAA	0	0	
mORF_-_1163005	1163005	1163013	-	5	9	ATG	TAA	0	0	
mORF_-_1163026	1163026	1163163	-	5	138	TTG	TAA	0	0	
mORF_-_1163130	1163130	1163138	-	4	9	GTG	TAG	0	0	
mORF_-_1163164	1163164	1163256	-	5	93	TTG	TAA	0	0	
mORF_-_1163172	1163172	1163210	-	4	39	TTG	TGA	0	0	
mORF_-_1163250	1163250	1163279	-	4	30	GTG	TGA	0	0	
mORF_-_1163261	1163261	1163428	-	6	168	ATG	TGA	0	0	
mORF_-_1163293	1163293	1163304	-	5	12	TTG	TAA	0	0	
mORF_-_1163425	1163425	1163481	-	5	57	TTG	TGA	0	0	
mORF_-_1163441	1163441	1163563	-	6	123	TTG	TAA	0	0	
mORF_-_1163503	1163503	1163601	-	5	99	TTG	TGA	0	0	
mORF_-_1163541	1163541	1163567	-	4	27	ATG	TAA	0	0	
mORF_-_1163579	1163579	1163821	-	6	243	GTG	TGA	0	0	
mORF_-_1163694	1163694	1163750	-	4	57	TTG	TGA	0	0	
mORF_-_1163722	1163722	1163943	-	5	222	ATG	TGA	0	0	
mORF_-_1163763	1163763	1163873	-	4	111	GTG	TAA	0	0	
mORF_-_1163840	1163840	1163875	-	6	36	TTG	TGA	0	0	
mORF_-_1163915	1163915	1163956	-	6	42	ATG	TAA	0	0	
mORF_-_1164087	1164087	1164122	-	4	36	GTG	TAA	0	0	
mORF_-_1164097	1164097	1164204	-	5	108	TTG	TAA	0	0	
mORF_-_1164174	1164174	1164197	-	4	24	GTG	TGA	0	0	
mORF_-_1164194	1164194	1164232	-	6	39	ATG	TGA	0	0	
mORF_-_1164216	1164216	1164242	-	4	27	ATG	TAA	0	0	
mORF_-_1164229	1164229	1164291	-	5	63	GTG	TGA	0	0	
mORF_-_1164305	1164305	1164340	-	6	36	GTG	TAA	0	0	
mORF_-_1164378	1164378	1164413	-	4	36	GTG	TAA	0	0	
mORF_-_1164423	1164423	1164530	-	4	108	TTG	TAA	0	0	
mORF_-_1164464	1164464	1164631	-	6	168	TTG	TAG	0	0	
mORF_-_1164552	1164552	1164872	-	4	321	ATG	TAG	0	0	
mORF_-_1164647	1164647	1164718	-	6	72	TTG	TAA	0	0	
mORF_-_1164778	1164778	1164795	-	5	18	ATG	TAA	0	0	
mORF_-_1164815	1164815	1164895	-	6	81	TTG	TAA	0	0	
mORF_-_1164873	1164873	1164983	-	4	111	GTG	TAA	0	0	
mORF_-_1164892	1164892	1165008	-	5	117	TTG	TGA	0	0	
mORF_-_1164923	1164923	1165054	-	6	132	GTG	TGA	0	0	
mORF_-_1165005	1165005	1165061	-	4	57	GTG	TGA	0	0	
mORF_-_1165033	1165033	1165050	-	5	18	ATG	TAG	0	0	
mORF_-_1165058	1165058	1165123	-	6	66	GTG	TGA	0	0	
mORF_-_1165063	1165063	1165089	-	5	27	TTG	TAG	0	0	
mORF_-_1165074	1165074	1165079	-	4	6	TTG	TGA	0	0	
mORF_-_1165086	1165086	1165100	-	4	15	TTG	TGA	0	0	
mORF_-_1165137	1165137	1165154	-	4	18	TTG	TAG	0	0	
mORF_-_1165145	1165145	1165228	-	6	84	ATG	TGA	0	0	
mORF_-_1165168	1165168	1165194	-	5	27	ATG	TGA	0	0	
mORF_-_1165195	1165195	1165209	-	5	15	TTG	TGA	0	0	
mORF_-_1165244	1165244	1165270	-	6	27	ATG	TAA	0	0	
mORF_-_1165260	1165260	1165898	-	4	639	GTG	TAA	1	7	pORF_-_1165260
mORF_-_1165274	1165274	1165411	-	6	138	TTG	TAA	0	0	
mORF_-_1165312	1165312	1165374	-	5	63	GTG	TAG	0	0	
mORF_-_1165508	1165508	1165528	-	6	21	TTG	TAG	0	0	

mORF_-_1165529	1165529	1165591	-	6	63	GTG	TGA	0	0	
mORF_-_1165558	1165558	1165587	-	5	30	TTG	TGA	0	0	
mORF_-_1165649	1165649	1165888	-	6	240	TTG	TAG	0	0	
mORF_-_1165885	1165885	1165986	-	5	102	GTG	TGA	0	0	
mORF_-_1165907	1165907	1166236	-	6	330	ATG	TAA	0	0	
mORF_-_1165977	1165977	1166006	-	4	30	GTG	TAA	0	0	
mORF_-_1166013	1166013	1166216	-	4	204	TTG	TAG	0	0	
mORF_-_1166242	1166242	1166463	-	5	222	TTG	TAG	0	0	
mORF_-_1166259	1166259	1166393	-	4	135	ATG	TGA	0	0	
mORF_-_1166300	1166300	1166341	-	6	42	ATG	TGA	0	0	
mORF_-_1166390	1166390	1166425	-	6	36	GTG	TGA	0	0	
mORF_-_1166505	1166505	1166534	-	4	30	ATG	TAG	0	0	
mORF_-_1166553	1166553	1166609	-	4	57	ATG	TAA	0	0	
mORF_-_1166584	1166584	1166649	-	5	66	ATG	TAA	0	0	
mORF_-_1166609	1166609	1166797	-	6	189	ATG	TAA	0	0	
mORF_-_1166646	1166646	1166696	-	4	51	ATG	TGA	0	0	
mORF_-_1166719	1166719	1166805	-	5	87	TTG	TAA	1	2	pORF_-_1166719
mORF_-_1166748	1166748	1166948	-	4	201	TTG	TGA	0	0	
mORF_-_1166831	1166831	1167199	-	6	369	TTG	TGA	0	0	
mORF_-_1166926	1166926	1166952	-	5	27	TTG	TGA	0	0	
mORF_-_1166961	1166961	1166969	-	4	9	GTG	TAA	0	0	
mORF_-_1166974	1166974	1167033	-	5	60	ATG	TGA	0	0	
mORF_-_1167079	1167079	1167114	-	5	36	GTG	TGA	0	0	
mORF_-_1167184	1167184	1167225	-	5	42	TTG	TAA	0	0	
mORF_-_1167192	1167192	1167392	-	4	201	ATG	TAG	0	0	
mORF_-_1167271	1167271	1167354	-	5	84	TTG	TGA	0	0	
mORF_-_1167320	1167320	1167379	-	6	60	TTG	TAG	0	0	
mORF_-_1167397	1167397	1167531	-	5	135	TTG	TGA	0	0	
mORF_-_1167423	1167423	1168133	-	4	711	ATG	TAA	2	5	pORF_-_1167423
mORF_-_1167428	1167428	1167466	-	6	39	TTG	TGA	0	0	
mORF_-_1167473	1167473	1167493	-	6	21	GTG	TGA	0	0	
mORF_-_1167554	1167554	1167634	-	6	81	ATG	TGA	0	0	
mORF_-_1167559	1167559	1167600	-	5	42	ATG	TGA	0	0	
mORF_-_1167698	1167698	1167946	-	6	249	ATG	TGA	0	0	
mORF_-_1167790	1167790	1167795	-	5	6	TTG	TGA	0	0	
mORF_-_1167968	1167968	1168018	-	6	51	GTG	TGA	0	0	
mORF_-_1167979	1167979	1168035	-	5	57	ATG	TGA	0	0	
mORF_-_1168028	1168028	1168108	-	6	81	GTG	TAA	0	0	
mORF_-_1168179	1168179	1168235	-	4	57	ATG	TAA	0	0	
mORF_-_1168223	1168223	1168228	-	6	6	ATG	TGA	0	0	
mORF_-_1168236	1168236	1168283	-	4	48	ATG	TAA	0	0	
mORF_-_1168250	1168250	1168273	-	6	24	ATG	TAA	0	0	
mORF_-_1168274	1168274	1168342	-	6	69	ATG	TGA	0	0	
mORF_-_1168315	1168315	1168410	-	5	96	TTG	TGA	0	0	
mORF_-_1168377	1168377	1168529	-	4	153	ATG	TGA	0	0	
mORF_-_1168417	1168417	1168485	-	5	69	TTG	TAG	0	0	
mORF_-_1168498	1168498	1168557	-	5	60	ATG	TAA	0	0	
mORF_-_1168544	1168544	1168567	-	6	24	ATG	TAA	0	0	
mORF_-_1168577	1168577	1168603	-	6	27	ATG	TAG	0	0	
mORF_-_1168635	1168635	1169600	-	4	966	TTG	TAA	2	0	pORF_-_1168635
mORF_-_1168652	1168652	1168696	-	6	45	ATG	TGA	0	0	
mORF_-_1168700	1168700	1168705	-	6	6	ATG	TGA	0	0	
mORF_-_1168712	1168712	1168738	-	6	27	ATG	TGA	0	0	
mORF_-_1168763	1168763	1168840	-	6	78	GTG	TGA	0	0	
mORF_-_1168883	1168883	1168933	-	6	51	ATG	TGA	0	0	
mORF_-_1168958	1168958	1169038	-	6	81	ATG	TAA	0	0	
mORF_-_1169072	1169072	1169149	-	6	78	GTG	TAG	0	0	
mORF_-_1169183	1169183	1169197	-	6	15	GTG	TGA	0	0	
mORF_-_1169198	1169198	1169209	-	6	12	TTG	TAG	0	0	
mORF_-_1169228	1169228	1169275	-	6	48	TTG	TAA	0	0	
mORF_-_1169282	1169282	1169305	-	6	24	ATG	TGA	0	0	
mORF_-_1169333	1169333	1169476	-	6	144	TTG	TAA	0	0	
mORF_-_1169443	1169443	1169811	-	5	369	GTG	TGA	0	0	

mORF_-_1169594	1169594	1169689	-	6	96	TTG	TGA	0	0	
mORF_-_1169649	1169649	1169741	-	4	93	ATG	TAA	0	0	
mORF_-_1169741	1169741	1173250	-	6	3510	TTG	TAA	36	102	pORF_-_1169741
mORF_-_1169766	1169766	1169789	-	4	24	ATG	TGA	0	0	
mORF_-_1169830	1169830	1169886	-	5	57	TTG	TGA	0	0	
mORF_-_1169887	1169887	1169922	-	5	36	TTG	TGA	0	0	
mORF_-_1169929	1169929	1170099	-	5	171	TTG	TGA	0	0	
mORF_-_1170127	1170127	1170147	-	5	21	ATG	TGA	0	0	
mORF_-_1170229	1170229	1170414	-	5	186	ATG	TGA	0	0	
mORF_-_1170396	1170396	1170452	-	4	57	ATG	TGA	0	0	
mORF_-_1170442	1170442	1170624	-	5	183	ATG	TGA	0	0	
mORF_-_1170531	1170531	1170590	-	4	60	TTG	TGA	0	0	
mORF_-_1170628	1170628	1170876	-	5	249	GTG	TGA	0	0	
mORF_-_1170931	1170931	1171008	-	5	78	TTG	TGA	0	0	
mORF_-_1171018	1171018	1171041	-	5	24	GTG	TAG	0	0	
mORF_-_1171066	1171066	1171101	-	5	36	TTG	TGA	0	0	
mORF_-_1171249	1171249	1171587	-	5	339	GTG	TAG	0	0	
mORF_-_1171287	1171287	1171340	-	4	54	GTG	TAA	0	0	
mORF_-_1171500	1171500	1171541	-	4	42	GTG	TGA	0	0	
mORF_-_1171603	1171603	1171650	-	5	48	ATG	TGA	0	0	
mORF_-_1171660	1171660	1171683	-	5	24	GTG	TGA	0	0	
mORF_-_1171699	1171699	1171767	-	5	69	TTG	TGA	0	0	
mORF_-_1171777	1171777	1171836	-	5	60	GTG	TGA	0	0	
mORF_-_1171833	1171833	1171856	-	4	24	TTG	TGA	0	0	
mORF_-_1171858	1171858	1171908	-	5	51	TTG	TGA	0	0	
mORF_-_1171912	1171912	1172016	-	5	105	GTG	TGA	0	0	
mORF_-_1172020	1172020	1172073	-	5	54	ATG	TAG	0	0	
mORF_-_1172128	1172128	1172139	-	5	12	ATG	TAG	0	0	
mORF_-_1172194	1172194	1172316	-	5	123	GTG	TGA	0	0	
mORF_-_1172439	1172439	1172498	-	4	60	GTG	TAA	0	0	
mORF_-_1172476	1172476	1172517	-	5	42	TTG	TGA	0	0	
mORF_-_1172569	1172569	1172661	-	5	93	GTG	TAG	0	0	
mORF_-_1172719	1172719	1172772	-	5	54	ATG	TGA	0	0	
mORF_-_1172727	1172727	1172837	-	4	111	TTG	TGA	0	0	
mORF_-_1172800	1172800	1172811	-	5	12	ATG	TGA	0	0	
mORF_-_1172857	1172857	1172868	-	5	12	TTG	TGA	0	0	
mORF_-_1172869	1172869	1172880	-	5	12	GTG	TGA	0	0	
mORF_-_1172986	1172986	1173087	-	5	102	TTG	TGA	0	0	
mORF_-_1173094	1173094	1173108	-	5	15	GTG	TAG	0	0	
mORF_-_1173121	1173121	1173147	-	5	27	GTG	TAA	0	0	
mORF_-_1173196	1173196	1173276	-	5	81	ATG	TGA	0	0	
mORF_-_1173219	1173219	1173260	-	4	42	ATG	TGA	0	0	
mORF_-_1173260	1173260	1173379	-	6	120	GTG	TAA	0	0	
mORF_-_1173315	1173315	1174388	-	4	1074	ATG	TAA	0	0	
mORF_-_1173395	1173395	1173436	-	6	42	TTG	TAA	0	0	
mORF_-_1173491	1173491	1173502	-	6	12	TTG	TGA	0	0	
mORF_-_1173509	1173509	1173571	-	6	63	TTG	TAA	0	0	
mORF_-_1173572	1173572	1173577	-	6	6	ATG	TGA	0	0	
mORF_-_1173638	1173638	1173691	-	6	54	GTG	TGA	0	0	
mORF_-_1173722	1173722	1173757	-	6	36	GTG	TGA	0	0	
mORF_-_1173751	1173751	1173837	-	5	87	GTG	TAA	0	0	
mORF_-_1173764	1173764	1173790	-	6	27	TTG	TAA	0	0	
mORF_-_1173815	1173815	1173820	-	6	6	GTG	TGA	0	0	
mORF_-_1173824	1173824	1173865	-	6	42	GTG	TGA	0	0	
mORF_-_1173866	1173866	1173937	-	6	72	TTG	TGA	0	0	
mORF_-_1173916	1173916	1173957	-	5	42	GTG	TAA	0	0	
mORF_-_1173938	1173938	1173946	-	6	9	ATG	TAA	0	0	
mORF_-_1173977	1173977	1174030	-	6	54	ATG	TGA	0	0	
mORF_-_1174045	1174045	1174101	-	5	57	TTG	TGA	0	0	
mORF_-_1174064	1174064	1174072	-	6	9	GTG	TGA	0	0	
mORF_-_1174135	1174135	1174347	-	5	213	ATG	TAA	0	0	
mORF_-_1174181	1174181	1174228	-	6	48	TTG	TGA	0	0	
mORF_-_1174363	1174363	1174371	-	5	9	ATG	TAA	0	0	

mORF_-_1174388	1174388	1174399	-	6	12	GTG	TGA	0	0
mORF_-_1174408	1174408	1174503	-	5	96	TTG	TAA	0	0
mORF_-_1174413	1174413	1174418	-	4	6	ATG	TAA	0	0
mORF_-_1174482	1174482	1174520	-	4	39	ATG	TGA	0	0
mORF_-_1174493	1174493	1174525	-	6	33	TTG	TGA	0	0
mORF_-_1174527	1174527	1174574	-	4	48	GTG	TAA	0	0
mORF_-_1174571	1174571	1174597	-	6	27	ATG	TGA	0	0
mORF_-_1174590	1174590	1174658	-	4	69	TTG	TAA	0	0
mORF_-_1174628	1174628	1174651	-	6	24	ATG	TAG	0	0
mORF_-_1174685	1174685	1175083	-	6	399	ATG	TAA	0	0
mORF_-_1174774	1174774	1174848	-	5	75	TTG	TGA	0	0
mORF_-_1174785	1174785	1175096	-	4	312	TTG	TGA	0	0
mORF_-_1174918	1174918	1174932	-	5	15	GTG	TAA	0	0
mORF_-_1174939	1174939	1175022	-	5	84	GTG	TAG	0	0
mORF_-_1175023	1175023	1175028	-	5	6	GTG	TAA	0	0
mORF_-_1175080	1175080	1175106	-	5	27	GTG	TGA	0	0
mORF_-_1175109	1175109	1175132	-	4	24	TTG	TAG	0	0
mORF_-_1175116	1175116	1175151	-	5	36	ATG	TAA	0	0
mORF_-_1175129	1175129	1175227	-	6	99	TTG	TGA	0	0
mORF_-_1175164	1175164	1175187	-	5	24	TTG	TGA	0	0
mORF_-_1175288	1175288	1175302	-	6	15	TTG	TAA	0	0
mORF_-_1175305	1175305	1175352	-	5	48	ATG	TAA	0	0
mORF_-_1175352	1175352	1175363	-	4	12	TTG	TAA	0	0
mORF_-_1175357	1175357	1175746	-	6	390	ATG	TGA	0	0
mORF_-_1175497	1175497	1175505	-	5	9	GTG	TAA	0	0
mORF_-_1175505	1175505	1175558	-	4	54	TTG	TAG	0	0
mORF_-_1175562	1175562	1175600	-	4	39	TTG	TAA	0	0
mORF_-_1175785	1175785	1176132	-	5	348	GTG	TAG	0	0
mORF_-_1175792	1175792	1175818	-	6	27	GTG	TAA	0	0
mORF_-_1175799	1175799	1175822	-	4	24	TTG	TGA	0	0
mORF_-_1175835	1175835	1175879	-	4	45	TTG	TAA	0	0
mORF_-_1175886	1175886	1175921	-	4	36	TTG	TGA	0	0
mORF_-_1175930	1175930	1176025	-	6	96	TTG	TGA	0	0
mORF_-_1176044	1176044	1176058	-	6	15	TTG	TAA	0	0
mORF_-_1176051	1176051	1176098	-	4	48	TTG	TGA	0	0
mORF_-_1176126	1176126	1176209	-	4	84	TTG	TGA	0	0
mORF_-_1176206	1176206	1176271	-	6	66	ATG	TGA	0	0
mORF_-_1176229	1176229	1176462	-	5	234	TTG	TAA	0	0
mORF_-_1176261	1176261	1176431	-	4	171	GTG	TGA	0	0
mORF_-_1176446	1176446	1176712	-	6	267	TTG	TAA	0	0
mORF_-_1176675	1176675	1176905	-	4	231	TTG	TAA	0	0
mORF_-_1176769	1176769	1176786	-	5	18	GTG	TAG	0	0
mORF_-_1176791	1176791	1177057	-	6	267	TTG	TGA	0	0
mORF_-_1176841	1176841	1176879	-	5	39	TTG	TGA	0	0
mORF_-_1176895	1176895	1176927	-	5	33	ATG	TAA	0	0
mORF_-_1176927	1176927	1177181	-	4	255	TTG	TAA	0	0
mORF_-_1177045	1177045	1177089	-	5	45	TTG	TAA	0	0
mORF_-_1177142	1177142	1177279	-	6	138	TTG	TGA	0	0
mORF_-_1177206	1177206	1177340	-	4	135	TTG	TGA	0	0
mORF_-_1177319	1177319	1177495	-	6	177	ATG	TAG	0	0
mORF_-_1177549	1177549	1177569	-	5	21	GTG	TAA	0	0
mORF_-_1177566	1177566	1177670	-	4	105	GTG	TGA	0	0
mORF_-_1177642	1177642	1177659	-	5	18	ATG	TAA	0	0
mORF_-_1177685	1177685	1178098	-	6	414	GTG	TAG	0	0
mORF_-_1177696	1177696	1177725	-	5	30	TTG	TGA	0	0
mORF_-_1177798	1177798	1177806	-	5	9	TTG	TAA	0	0
mORF_-_1177920	1177920	1178135	-	4	216	TTG	TAG	0	0
mORF_-_1177933	1177933	1177971	-	5	39	TTG	TAA	0	0
mORF_-_1178149	1178149	1178286	-	5	138	ATG	TGA	0	0
mORF_-_1178171	1178171	1178185	-	6	15	GTG	TAA	0	0
mORF_-_1178175	1178175	1178243	-	4	69	TTG	TGA	0	0
mORF_-_1178262	1178262	1178315	-	4	54	ATG	TAG	0	0
mORF_-_1178335	1178335	1178490	-	5	156	GTG	TAA	0	0

mORF_-_1178355	1178355	1178369	-	4	15	ATG	TGA	0	0	
mORF_-_1178447	1178447	1178482	-	6	36	TTG	TAA	0	0	
mORF_-_1178499	1178499	1178600	-	4	102	GTG	TAA	0	0	
mORF_-_1178564	1178564	1178596	-	6	33	TTG	TGA	0	0	
mORF_-_1178578	1178578	1178631	-	5	54	ATG	TAA	0	0	
mORF_-_1178597	1178597	1178731	-	6	135	TTG	TGA	0	0	
mORF_-_1178628	1178628	1178660	-	4	33	ATG	TGA	0	0	
mORF_-_1178635	1178635	1178676	-	5	42	GTG	TAA	0	0	
mORF_-_1178710	1178710	1178715	-	5	6	ATG	TAG	0	0	
mORF_-_1178716	1178716	1178763	-	5	48	ATG	TAG	0	0	
mORF_-_1178828	1178828	1178971	-	6	144	TTG	TGA	0	0	
mORF_-_1178905	1178905	1179183	-	5	279	ATG	TGA	0	0	
mORF_-_1179054	1179054	1179167	-	4	114	TTG	TGA	0	0	
mORF_-_1179083	1179083	1179211	-	6	129	GTG	TAG	0	0	
mORF_-_1179208	1179208	1179447	-	5	240	GTG	TGA	0	0	
mORF_-_1179219	1179219	1179332	-	4	114	ATG	TGA	0	0	
mORF_-_1179245	1179245	1179325	-	6	81	GTG	TAA	0	0	
mORF_-_1179342	1179342	1179386	-	4	45	GTG	TAA	0	0	
mORF_-_1179371	1179371	1179517	-	6	147	TTG	TGA	0	0	
mORF_-_1179420	1179420	1179449	-	4	30	GTG	TGA	0	0	
mORF_-_1179504	1179504	1179617	-	4	114	TTG	TAA	0	0	
mORF_-_1179559	1179559	1179687	-	5	129	GTG	TAA	0	0	
mORF_-_1179596	1179596	1179667	-	6	72	ATG	TGA	0	0	
mORF_-_1179702	1179702	1180490	-	4	789	ATG	TAA	0	0	
mORF_-_1179716	1179716	1179751	-	6	36	TTG	TGA	0	0	
mORF_-_1179752	1179752	1179838	-	6	87	TTG	TAA	0	0	
mORF_-_1179796	1179796	1179813	-	5	18	ATG	TAA	0	0	
mORF_-_1179842	1179842	1179856	-	6	15	TTG	TGA	0	0	
mORF_-_1179860	1179860	1179868	-	6	9	ATG	TAA	0	0	
mORF_-_1179938	1179938	1179973	-	6	36	ATG	TAG	0	0	
mORF_-_1180022	1180022	1180084	-	6	63	ATG	TAA	0	0	
mORF_-_1180112	1180112	1180150	-	6	39	TTG	TGA	0	0	
mORF_-_1180172	1180172	1180210	-	6	39	GTG	TAA	0	0	
mORF_-_1180217	1180217	1180225	-	6	9	GTG	TAA	0	0	
mORF_-_1180226	1180226	1180372	-	6	147	ATG	TGA	0	0	
mORF_-_1180487	1180487	1180957	-	6	471	ATG	TGA	0	0	
mORF_-_1180521	1180521	1180592	-	4	72	ATG	TAA	0	0	
mORF_-_1180602	1180602	1180610	-	4	9	GTG	TAA	0	0	
mORF_-_1180618	1180618	1180686	-	5	69	ATG	TAA	0	0	
mORF_-_1180683	1180683	1180763	-	4	81	GTG	TGA	0	0	
mORF_-_1180717	1180717	1180878	-	5	162	TTG	TAA	0	0	
mORF_-_1180932	1180932	1180955	-	4	24	GTG	TAA	0	0	
mORF_-_1180967	1180967	1180990	-	6	24	GTG	TAG	0	0	
mORF_-_1181006	1181006	1182052	-	6	1047	ATG	TAA	54	219	pORF_-_1181006
mORF_-_1181020	1181020	1181103	-	5	84	ATG	TGA	0	0	
mORF_-_1181067	1181067	1181078	-	4	12	ATG	TGA	0	0	
mORF_-_1181140	1181140	1181208	-	5	69	ATG	TAA	0	0	
mORF_-_1181187	1181187	1181315	-	4	129	GTG	TGA	0	0	
mORF_-_1181236	1181236	1181349	-	5	114	TTG	TGA	0	0	
mORF_-_1181455	1181455	1181550	-	5	96	ATG	TGA	0	0	
mORF_-_1181541	1181541	1181591	-	4	51	GTG	TGA	0	0	
mORF_-_1181557	1181557	1181697	-	5	141	TTG	TGA	0	0	
mORF_-_1181767	1181767	1181829	-	5	63	GTG	TGA	0	0	
mORF_-_1181845	1181845	1181982	-	5	138	ATG	TGA	0	0	
mORF_-_1181979	1181979	1182107	-	4	129	TTG	TGA	0	0	
mORF_-_1181998	1181998	1182018	-	5	21	GTG	TGA	0	0	
mORF_-_1182049	1182049	1182843	-	5	795	ATG	TGA	0	0	
mORF_-_1182195	1182195	1182212	-	4	18	ATG	TAA	0	0	
mORF_-_1182240	1182240	1182248	-	4	9	ATG	TAG	0	0	
mORF_-_1182270	1182270	1182383	-	4	114	TTG	TAA	0	0	
mORF_-_1182408	1182408	1182467	-	4	60	TTG	TGA	0	0	
mORF_-_1182534	1182534	1182596	-	4	63	TTG	TGA	0	0	
mORF_-_1182603	1182603	1182626	-	4	24	TTG	TGA	0	0	

mORF_-_1182693	1182693	1182740	-	4	48	TTG	TGA	0	0	
mORF_-_1182701	1182701	1182709	-	6	9	ATG	TAG	0	0	
mORF_-_1182762	1182762	1182767	-	4	6	TTG	TGA	0	0	
mORF_-_1182840	1182840	1183697	-	4	858	ATG	TGA	0	0	
mORF_-_1182917	1182917	1182955	-	6	39	GTG	TGA	0	0	
mORF_-_1182985	1182985	1183068	-	5	84	ATG	TAA	0	0	
mORF_-_1182992	1182992	1183009	-	6	18	GTG	TGA	0	0	
mORF_-_1183016	1183016	1183030	-	6	15	ATG	TGA	0	0	
mORF_-_1183055	1183055	1183075	-	6	21	TTG	TGA	0	0	
mORF_-_1183091	1183091	1183156	-	6	66	TTG	TGA	0	0	
mORF_-_1183238	1183238	1183246	-	6	9	GTG	TGA	0	0	
mORF_-_1183355	1183355	1183381	-	6	27	TTG	TAA	0	0	
mORF_-_1183382	1183382	1183441	-	6	60	TTG	TGA	0	0	
mORF_-_1183490	1183490	1183570	-	6	81	TTG	TGA	0	0	
mORF_-_1183543	1183543	1183647	-	5	105	TTG	TAA	0	0	
mORF_-_1183589	1183589	1183606	-	6	18	TTG	TGA	0	0	
mORF_-_1183613	1183613	1183663	-	6	51	TTG	TGA	0	0	
mORF_-_1183667	1183667	1183672	-	6	6	ATG	TAG	0	0	
mORF_-_1183681	1183681	1184817	-	5	1137	ATG	TAA	29	121	pORF_-_1183681
mORF_-_1183697	1183697	1183729	-	6	33	TTG	TGA	0	0	
mORF_-_1183722	1183722	1183781	-	4	60	ATG	TAG	0	0	
mORF_-_1183800	1183800	1183829	-	4	30	TTG	TGA	0	0	
mORF_-_1183842	1183842	1183877	-	4	36	TTG	TGA	0	0	
mORF_-_1183878	1183878	1184006	-	4	129	TTG	TGA	0	0	
mORF_-_1183988	1183988	1183993	-	6	6	ATG	TAA	0	0	
mORF_-_1184031	1184031	1184150	-	4	120	ATG	TAG	0	0	
mORF_-_1184157	1184157	1184165	-	4	9	TTG	TGA	0	0	
mORF_-_1184205	1184205	1184228	-	4	24	TTG	TGA	0	0	
mORF_-_1184247	1184247	1184369	-	4	123	GTG	TGA	0	0	
mORF_-_1184433	1184433	1184492	-	4	60	ATG	TGA	0	0	
mORF_-_1184544	1184544	1184630	-	4	87	TTG	TGA	0	0	
mORF_-_1184631	1184631	1184693	-	4	63	ATG	TGA	0	0	
mORF_-_1184703	1184703	1184738	-	4	36	TTG	TGA	0	0	
mORF_-_1184735	1184735	1184743	-	6	9	ATG	TGA	0	0	
mORF_-_1184796	1184796	1185047	-	4	252	GTG	TGA	0	0	
mORF_-_1184804	1184804	1184827	-	6	24	TTG	TAA	0	0	
mORF_-_1184857	1184857	1184919	-	5	63	TTG	TAA	0	0	
mORF_-_1184894	1184894	1184902	-	6	9	TTG	TAG	0	0	
mORF_-_1184933	1184933	1184956	-	6	24	ATG	TAA	0	0	
mORF_-_1185044	1185044	1185121	-	6	78	TTG	TGA	0	0	
mORF_-_1185063	1185063	1185068	-	4	6	ATG	TAG	0	0	
mORF_-_1185076	1185076	1185117	-	5	42	TTG	TAG	0	0	
mORF_-_1185096	1185096	1185236	-	4	141	GTG	TAG	0	0	
mORF_-_1185118	1185118	1185159	-	5	42	TTG	TGA	0	0	
mORF_-_1185166	1185166	1185174	-	5	9	ATG	TAA	0	0	
mORF_-_1185250	1185250	1185300	-	5	51	ATG	TAA	0	0	
mORF_-_1185290	1185290	1185406	-	6	117	GTG	TAA	0	0	
mORF_-_1185297	1185297	1185329	-	4	33	TTG	TGA	0	0	
mORF_-_1185310	1185310	1185345	-	5	36	TTG	TGA	0	0	
mORF_-_1185403	1185403	1185429	-	5	27	ATG	TGA	0	0	
mORF_-_1185441	1185441	1185596	-	4	156	TTG	TGA	0	0	
mORF_-_1185475	1185475	1185894	-	5	420	GTG	TAA	0	0	
mORF_-_1185642	1185642	1185728	-	4	87	TTG	TAA	0	0	
mORF_-_1185710	1185710	1185784	-	6	75	GTG	TGA	0	0	
mORF_-_1185732	1185732	1185743	-	4	12	GTG	TGA	0	0	
mORF_-_1185849	1185849	1185872	-	4	24	GTG	TGA	0	0	
mORF_-_1185894	1185894	1185974	-	4	81	TTG	TAG	0	0	
mORF_-_1185979	1185979	1186059	-	5	81	ATG	TAA	0	0	
mORF_-_1185993	1185993	1185998	-	4	6	ATG	TAG	0	0	
mORF_-_1186023	1186023	1186184	-	4	162	GTG	TAG	0	0	
mORF_-_1186162	1186162	1186212	-	5	51	ATG	TAA	0	0	
mORF_-_1186181	1186181	1186360	-	6	180	TTG	TGA	0	0	
mORF_-_1186191	1186191	1186196	-	4	6	TTG	TAA	0	0	

mORF_-_1186200	1186200	1186424	-	4	225	TTG	TGA	0	0	
mORF_-_1186273	1186273	1186284	-	5	12	TTG	TAA	0	0	
mORF_-_1186342	1186342	1187472	-	5	1131	ATG	TAA	23	151	pORF_-_1186342
mORF_-_1186437	1186437	1186565	-	4	129	GTG	TGA	0	0	
mORF_-_1186572	1186572	1186661	-	4	90	TTG	TGA	0	0	
mORF_-_1186631	1186631	1186666	-	6	36	ATG	TGA	0	0	
mORF_-_1186704	1186704	1186829	-	4	126	GTG	TGA	0	0	
mORF_-_1186875	1186875	1186955	-	4	81	ATG	TGA	0	0	
mORF_-_1187130	1187130	1187162	-	4	33	GTG	TGA	0	0	
mORF_-_1187175	1187175	1187195	-	4	21	ATG	TGA	0	0	
mORF_-_1187205	1187205	1187369	-	4	165	TTG	TGA	0	0	
mORF_-_1187237	1187237	1187284	-	6	48	ATG	TGA	0	0	
mORF_-_1187391	1187391	1187573	-	4	183	TTG	TAA	0	0	
mORF_-_1187465	1187465	1187476	-	6	12	GTG	TAA	0	0	
mORF_-_1187510	1187510	1187536	-	6	27	ATG	TAA	0	0	
mORF_-_1187539	1187539	1188999	-	5	1461	ATG	TAA	3	6	pORF_-_1187539
mORF_-_1187577	1187577	1187633	-	4	57	ATG	TGA	0	0	
mORF_-_1187667	1187667	1187708	-	4	42	GTG	TAG	0	0	
mORF_-_1187733	1187733	1187834	-	4	102	ATG	TAA	0	0	
mORF_-_1187753	1187753	1187821	-	6	69	TTG	TGA	0	0	
mORF_-_1187853	1187853	1187885	-	4	33	TTG	TGA	0	0	
mORF_-_1187946	1187946	1188047	-	4	102	TTG	TGA	0	0	
mORF_-_1188081	1188081	1188098	-	4	18	GTG	TAA	0	0	
mORF_-_1188105	1188105	1188116	-	4	12	GTG	TGA	0	0	
mORF_-_1188174	1188174	1188221	-	4	48	GTG	TGA	0	0	
mORF_-_1188296	1188296	1188370	-	6	75	GTG	TAA	0	0	
mORF_-_1188384	1188384	1188410	-	4	27	ATG	TAG	0	0	
mORF_-_1188444	1188444	1188476	-	4	33	TTG	TAA	0	0	
mORF_-_1188534	1188534	1188599	-	4	66	GTG	TGA	0	0	
mORF_-_1188600	1188600	1188650	-	4	51	ATG	TGA	0	0	
mORF_-_1188684	1188684	1188734	-	4	51	ATG	TGA	0	0	
mORF_-_1188698	1188698	1188712	-	6	15	ATG	TGA	0	0	
mORF_-_1188744	1188744	1188842	-	4	99	GTG	TGA	0	0	
mORF_-_1188794	1188794	1188808	-	6	15	GTG	TAA	0	0	
mORF_-_1188888	1188888	1188911	-	4	24	TTG	TGA	0	0	
mORF_-_1188999	1188999	1189670	-	4	672	ATG	TGA	37	455	pORF_-_1188999
mORF_-_1189091	1189091	1189129	-	6	39	ATG	TGA	0	0	
mORF_-_1189148	1189148	1189177	-	6	30	ATG	TAA	0	0	
mORF_-_1189229	1189229	1189270	-	6	42	TTG	TGA	0	0	
mORF_-_1189346	1189346	1189357	-	6	12	TTG	TGA	0	0	
mORF_-_1189373	1189373	1189396	-	6	24	GTG	TGA	0	0	
mORF_-_1189397	1189397	1189429	-	6	33	GTG	TAA	0	0	
mORF_-_1189436	1189436	1189462	-	6	27	ATG	TAA	0	0	
mORF_-_1189484	1189484	1189657	-	6	174	TTG	TGA	0	0	
mORF_-_1189714	1189714	1189737	-	5	24	ATG	TAA	0	0	
mORF_-_1189737	1189737	1189820	-	4	84	ATG	TAA	0	0	
mORF_-_1189792	1189792	1189827	-	5	36	GTG	TAA	0	0	
mORF_-_1189839	1189839	1191209	-	4	1371	ATG	TAA	91	1335	pORF_-_1189839
mORF_-_1189844	1189844	1189876	-	6	33	TTG	TGA	0	0	
mORF_-_1189901	1189901	1189939	-	6	39	ATG	TGA	0	0	
mORF_-_1189952	1189952	1189969	-	6	18	TTG	TGA	0	0	
mORF_-_1189994	1189994	1190098	-	6	105	GTG	TGA	0	0	
mORF_-_1190126	1190126	1190146	-	6	21	TTG	TGA	0	0	
mORF_-_1190147	1190147	1190155	-	6	9	ATG	TGA	0	0	
mORF_-_1190198	1190198	1190398	-	6	201	TTG	TGA	0	0	
mORF_-_1190395	1190395	1190433	-	5	39	TTG	TGA	0	0	
mORF_-_1190405	1190405	1190758	-	6	354	TTG	TGA	0	0	
mORF_-_1190434	1190434	1190490	-	5	57	GTG	TGA	0	0	
mORF_-_1190783	1190783	1190794	-	6	12	GTG	TGA	0	0	
mORF_-_1190810	1190810	1190854	-	6	45	TTG	TAA	0	0	
mORF_-_1190909	1190909	1191103	-	6	195	GTG	TGA	0	0	
mORF_-_1191007	1191007	1191084	-	5	78	TTG	TGA	0	0	
mORF_-_1191110	1191110	1191172	-	6	63	ATG	TGA	0	0	

mORF_-_1191154	1191154	1191216	-	5	63	GTG	TAA	0	0	
mORF_-_1191213	1191213	1191860	-	4	648	GTG	TGA	4	13	pORF_-_1191213
mORF_-_1191227	1191227	1191238	-	6	12	TTG	TAA	0	0	
mORF_-_1191281	1191281	1191421	-	6	141	TTG	TGA	0	0	
mORF_-_1191431	1191431	1191442	-	6	12	ATG	TGA	0	0	
mORF_-_1191464	1191464	1191571	-	6	108	TTG	TGA	0	0	
mORF_-_1191611	1191611	1191691	-	6	81	TTG	TAA	0	0	
mORF_-_1191716	1191716	1191838	-	6	123	ATG	TGA	0	0	
mORF_-_1191760	1191760	1191810	-	5	51	TTG	TGA	0	0	
mORF_-_1191835	1191835	1191945	-	5	111	GTG	TGA	0	0	
mORF_-_1191890	1191890	1193041	-	6	1152	GTG	TGA	17	69	pORF_-_1191890
mORF_-_1191915	1191915	1191938	-	4	24	GTG	TGA	0	0	
mORF_-_1191976	1191976	1191996	-	5	21	ATG	TGA	0	0	
mORF_-_1192003	1192003	1192020	-	5	18	ATG	TGA	0	0	
mORF_-_1192017	1192017	1192082	-	4	66	TTG	TGA	0	0	
mORF_-_1192072	1192072	1192134	-	5	63	TTG	TAA	0	0	
mORF_-_1192150	1192150	1192251	-	5	102	GTG	TGA	0	0	
mORF_-_1192164	1192164	1192223	-	4	60	GTG	TGA	0	0	
mORF_-_1192291	1192291	1192638	-	5	348	GTG	TGA	0	0	
mORF_-_1192383	1192383	1192403	-	4	21	TTG	TAA	0	0	
mORF_-_1192639	1192639	1192863	-	5	225	GTG	TAG	0	0	
mORF_-_1192671	1192671	1192694	-	4	24	GTG	TAA	0	0	
mORF_-_1192827	1192827	1192853	-	4	27	TTG	TGA	0	0	
mORF_-_1192885	1192885	1192953	-	5	69	GTG	TGA	0	0	
mORF_-_1192972	1192972	1193004	-	5	33	GTG	TAA	0	0	
mORF_-_1193001	1193001	1193090	-	4	90	TTG	TGA	0	0	
mORF_-_1193005	1193005	1193013	-	5	9	ATG	TGA	0	0	
mORF_-_1193050	1193050	1193511	-	5	462	ATG	TAA	4	10	pORF_-_1193050
mORF_-_1193078	1193078	1193197	-	6	120	TTG	TAA	0	0	
mORF_-_1193091	1193091	1193363	-	4	273	GTG	TGA	0	0	
mORF_-_1193219	1193219	1193239	-	6	21	ATG	TGA	0	0	
mORF_-_1193285	1193285	1193356	-	6	72	GTG	TAA	0	0	
mORF_-_1193379	1193379	1193450	-	4	72	TTG	TAG	0	0	
mORF_-_1193387	1193387	1193422	-	6	36	ATG	TGA	0	0	
mORF_-_1193447	1193447	1193485	-	6	39	TTG	TGA	0	0	
mORF_-_1193454	1193454	1193489	-	4	36	TTG	TAG	0	0	
mORF_-_1193504	1193504	1193542	-	6	39	ATG	TAA	0	0	
mORF_-_1193521	1193521	1194174	-	5	654	ATG	TAA	0	0	
mORF_-_1193529	1193529	1193585	-	4	57	ATG	TGA	0	0	
mORF_-_1193592	1193592	1193618	-	4	27	ATG	TGA	0	0	
mORF_-_1193625	1193625	1193657	-	4	33	ATG	TGA	0	0	
mORF_-_1193670	1193670	1193780	-	4	111	ATG	TGA	0	0	
mORF_-_1193699	1193699	1193731	-	6	33	GTG	TGA	0	0	
mORF_-_1193787	1193787	1193846	-	4	60	ATG	TAA	0	0	
mORF_-_1193910	1193910	1193963	-	4	54	GTG	TGA	0	0	
mORF_-_1193985	1193985	1194029	-	4	45	ATG	TAA	0	0	
mORF_-_1194051	1194051	1194056	-	4	6	GTG	TGA	0	0	
mORF_-_1194152	1194152	1194235	-	6	84	TTG	TGA	0	0	
mORF_-_1194174	1194174	1194194	-	4	21	ATG	TAA	0	0	
mORF_-_1194181	1194181	1194252	-	5	72	TTG	TAG	0	0	
mORF_-_1194198	1194198	1194230	-	4	33	TTG	TGA	0	0	
mORF_-_1194236	1194236	1194373	-	6	138	GTG	TAA	0	0	
mORF_-_1194246	1194246	1194410	-	4	165	TTG	TAA	0	0	
mORF_-_1194262	1194262	1195443	-	5	1182	GTG	TAG	0	0	
mORF_-_1194428	1194428	1194571	-	6	144	GTG	TAA	0	0	
mORF_-_1194435	1194435	1194479	-	4	45	ATG	TAA	0	0	
mORF_-_1194549	1194549	1194569	-	4	21	GTG	TAA	0	0	
mORF_-_1194582	1194582	1194659	-	4	78	GTG	TGA	0	0	
mORF_-_1194641	1194641	1194760	-	6	120	TTG	TAA	0	0	
mORF_-_1194717	1194717	1194722	-	4	6	ATG	TAG	0	0	
mORF_-_1194747	1194747	1194821	-	4	75	ATG	TGA	0	0	
mORF_-_1194822	1194822	1195055	-	4	234	GTG	TAA	0	0	
mORF_-_1194938	1194938	1194997	-	6	60	TTG	TAA	0	0	

mORF_-_1195080	1195080	1195175	-	4	96	ATG	TAG	0	0	
mORF_-_1195175	1195175	1195198	-	6	24	ATG	TAA	0	0	
mORF_-_1195238	1195238	1195324	-	6	87	TTG	TAA	0	0	
mORF_-_1195266	1195266	1195358	-	4	93	GTG	TAG	0	0	
mORF_-_1195386	1195386	1195499	-	4	114	TTG	TGA	0	0	
mORF_-_1195475	1195475	1195495	-	6	21	TTG	TAA	0	0	
mORF_-_1195515	1195515	1195592	-	4	78	ATG	TAG	0	0	
mORF_-_1195580	1195580	1195696	-	6	117	TTG	TGA	0	0	
mORF_-_1195669	1195669	1195683	-	5	15	TTG	TGA	0	0	
mORF_-_1195730	1195730	1195762	-	6	33	ATG	TGA	0	0	
mORF_-_1195749	1195749	1195760	-	4	12	GTG	TAG	0	0	
mORF_-_1195772	1195772	1195822	-	6	51	ATG	TAA	0	0	
mORF_-_1195803	1195803	1195886	-	4	84	GTG	TAA	0	0	
mORF_-_1195826	1195826	1195840	-	6	15	TTG	TAA	0	0	
mORF_-_1195847	1195847	1195858	-	6	12	GTG	TAA	0	0	
mORF_-_1195864	1195864	1195872	-	5	9	TTG	TAA	0	0	
mORF_-_1195880	1195880	1195903	-	6	24	TTG	TAA	0	0	
mORF_-_1195890	1195890	1195895	-	4	6	GTG	TAA	0	0	
mORF_-_1195900	1195900	1195932	-	5	33	TTG	TGA	0	0	
mORF_-_1195929	1195929	1196003	-	4	75	ATG	TGA	0	0	
mORF_-_1195933	1195933	1195965	-	5	33	TTG	TAG	0	0	
mORF_-_1195937	1195937	1195981	-	6	45	TTG	TGA	0	0	
mORF_-_1195994	1195994	1196047	-	6	54	ATG	TGA	0	0	
mORF_-_1196038	1196038	1196043	-	5	6	ATG	TGA	0	0	
mORF_-_1196071	1196071	1196121	-	5	51	ATG	TAG	0	0	
mORF_-_1196090	1196090	1196755	-	6	666	ATG	TAA	0	0	
mORF_-_1196100	1196100	1196105	-	4	6	TTG	TAA	0	0	
mORF_-_1196136	1196136	1196144	-	4	9	GTG	TAA	0	0	
mORF_-_1196149	1196149	1196223	-	5	75	GTG	TAA	0	0	
mORF_-_1196157	1196157	1196177	-	4	21	ATG	TGA	0	0	
mORF_-_1196305	1196305	1196322	-	5	18	GTG	TAA	0	0	
mORF_-_1196349	1196349	1196381	-	4	33	TTG	TAG	0	0	
mORF_-_1196356	1196356	1196430	-	5	75	TTG	TAG	0	0	
mORF_-_1196400	1196400	1196408	-	4	9	TTG	TAA	0	0	
mORF_-_1196431	1196431	1196538	-	5	108	TTG	TAA	0	0	
mORF_-_1196554	1196554	1196574	-	5	21	TTG	TAG	0	0	
mORF_-_1196584	1196584	1196703	-	5	120	ATG	TAA	0	0	
mORF_-_1196652	1196652	1196666	-	4	15	TTG	TAG	0	0	
mORF_-_1196733	1196733	1196759	-	4	27	TTG	TAA	0	0	
mORF_-_1196740	1196740	1196748	-	5	9	TTG	TGA	0	0	
mORF_-_1196756	1196756	1197469	-	6	714	GTG	TGA	1	0	pORF_-_1196756
mORF_-_1196842	1196842	1196862	-	5	21	GTG	TGA	0	0	
mORF_-_1196881	1196881	1196919	-	5	39	ATG	TAA	0	0	
mORF_-_1196913	1196913	1196942	-	4	30	TTG	TGA	0	0	
mORF_-_1196965	1196965	1196973	-	5	9	TTG	TAA	0	0	
mORF_-_1196974	1196974	1197048	-	5	75	TTG	TAA	0	0	
mORF_-_1196985	1196985	1196999	-	4	15	TTG	TGA	0	0	
mORF_-_1197082	1197082	1197099	-	5	18	ATG	TAA	0	0	
mORF_-_1197151	1197151	1197198	-	5	48	ATG	TAA	0	0	
mORF_-_1197159	1197159	1197167	-	4	9	TTG	TAA	0	0	
mORF_-_1197211	1197211	1197219	-	5	9	GTG	TAG	0	0	
mORF_-_1197222	1197222	1197281	-	4	60	TTG	TAG	0	0	
mORF_-_1197226	1197226	1197318	-	5	93	ATG	TAA	0	0	
mORF_-_1197303	1197303	1197374	-	4	72	TTG	TAA	0	0	
mORF_-_1197388	1197388	1197426	-	5	39	ATG	TAA	0	0	
mORF_-_1197496	1197496	1197510	-	5	15	ATG	TAA	0	0	
mORF_-_1197533	1197533	1197538	-	6	6	TTG	TAA	0	0	
mORF_-_1197553	1197553	1197747	-	5	195	GTG	TGA	0	0	
mORF_-_1197620	1197620	1197625	-	6	6	TTG	TAG	0	0	
mORF_-_1197758	1197758	1197814	-	6	57	ATG	TAA	0	0	
mORF_-_1197793	1197793	1197834	-	5	42	ATG	TAG	0	0	
mORF_-_1197807	1197807	1197848	-	4	42	ATG	TAG	0	0	
mORF_-_1197827	1197827	1197868	-	6	42	ATG	TAA	0	0	

mORF_-_1197865	1197865	1197951	-	5	87	TTG	TGA	0	0	
mORF_-_1197888	1197888	1197899	-	4	12	TTG	TAG	0	0	
mORF_-_1197924	1197924	1197938	-	4	15	ATG	TGA	0	0	
mORF_-_1197935	1197935	1198177	-	6	243	TTG	TGA	0	0	
mORF_-_1197952	1197952	1197966	-	5	15	ATG	TAA	0	0	
mORF_-_1197960	1197960	1197992	-	4	33	TTG	TGA	0	0	
mORF_-_1197967	1197967	1197978	-	5	12	GTG	TAA	0	0	
mORF_-_1198066	1198066	1198137	-	5	72	ATG	TGA	0	0	
mORF_-_1198089	1198089	1198094	-	4	6	ATG	TGA	0	0	
mORF_-_1198116	1198116	1198202	-	4	87	GTG	TGA	0	0	
mORF_-_1198181	1198181	1198312	-	6	132	TTG	TGA	0	0	
mORF_-_1198209	1198209	1198274	-	4	66	TTG	TAA	0	0	
mORF_-_1198249	1198249	1198293	-	5	45	ATG	TAA	0	0	
mORF_-_1198297	1198297	1198347	-	5	51	GTG	TAG	0	0	
mORF_-_1198326	1198326	1198331	-	4	6	TTG	TAA	0	0	
mORF_-_1198344	1198344	1198409	-	4	66	ATG	TGA	0	0	
mORF_-_1198375	1198375	1198428	-	5	54	ATG	TAG	0	0	
mORF_-_1198406	1198406	1198450	-	6	45	GTG	TGA	0	0	
mORF_-_1198416	1198416	1198454	-	4	39	TTG	TAA	0	0	
mORF_-_1198435	1198435	1198476	-	5	42	GTG	TAG	0	0	
mORF_-_1198451	1198451	1198546	-	6	96	ATG	TGA	0	0	
mORF_-_1198473	1198473	1198478	-	4	6	ATG	TGA	0	0	
mORF_-_1198480	1198480	1198539	-	5	60	GTG	TAG	0	0	
mORF_-_1198524	1198524	1198571	-	4	48	TTG	TAA	0	0	
mORF_-_1198549	1198549	1198650	-	5	102	ATG	TAG	0	0	
mORF_-_1198599	1198599	1198613	-	4	15	GTG	TAA	0	0	
mORF_-_1198686	1198686	1198718	-	4	33	ATG	TAG	0	0	
mORF_-_1198703	1198703	1198732	-	6	30	TTG	TGA	0	0	
mORF_-_1198729	1198729	1198794	-	5	66	GTG	TGA	0	0	
mORF_-_1198791	1198791	1198877	-	4	87	TTG	TGA	0	0	
mORF_-_1198894	1198894	1198923	-	5	30	ATG	TAA	0	0	
mORF_-_1198902	1198902	1200029	-	4	1128	ATG	TGA	1	2	pORF_-_1198902
mORF_-_1198910	1198910	1198978	-	6	69	TTG	TAG	0	0	
mORF_-_1198994	1198994	1199074	-	6	81	TTG	TAG	0	0	
mORF_-_1199174	1199174	1199200	-	6	27	GTG	TAG	0	0	
mORF_-_1199213	1199213	1199311	-	6	99	ATG	TAG	0	0	
mORF_-_1199308	1199308	1199316	-	5	9	TTG	TGA	0	0	
mORF_-_1199330	1199330	1199347	-	6	18	GTG	TGA	0	0	
mORF_-_1199344	1199344	1199436	-	5	93	ATG	TGA	0	0	
mORF_-_1199372	1199372	1199443	-	6	72	TTG	TAG	0	0	
mORF_-_1199489	1199489	1199551	-	6	63	TTG	TAG	0	0	
mORF_-_1199567	1199567	1199611	-	6	45	TTG	TAG	0	0	
mORF_-_1199621	1199621	1199638	-	6	18	TTG	TAG	0	0	
mORF_-_1199717	1199717	1199743	-	6	27	ATG	TAA	0	0	
mORF_-_1199765	1199765	1199914	-	6	150	ATG	TAG	0	0	
mORF_-_1199938	1199938	1199949	-	5	12	TTG	TAA	0	0	
mORF_-_1199960	1199960	1200004	-	6	45	ATG	TAA	0	0	
mORF_-_1200010	1200010	1200255	-	5	246	ATG	TAA	0	0	
mORF_-_1200033	1200033	1200062	-	4	30	ATG	TGA	0	0	
mORF_-_1200081	1200081	1200095	-	4	15	TTG	TAA	0	0	
mORF_-_1200096	1200096	1200113	-	4	18	GTG	TAG	0	0	
mORF_-_1200110	1200110	1200154	-	6	45	TTG	TGA	0	0	
mORF_-_1200138	1200138	1200236	-	4	99	TTG	TGA	0	0	
mORF_-_1200218	1200218	1200229	-	6	12	ATG	TGA	0	0	
mORF_-_1200233	1200233	1200265	-	6	33	GTG	TGA	0	0	
mORF_-_1200273	1200273	1200311	-	4	39	GTG	TAG	0	0	
mORF_-_1200278	1200278	1200298	-	6	21	ATG	TAG	0	0	
mORF_-_1200292	1200292	1200603	-	5	312	GTG	TGA	0	0	
mORF_-_1200318	1200318	1200347	-	4	30	GTG	TAA	0	0	
mORF_-_1200381	1200381	1200392	-	4	12	ATG	TAA	0	0	
mORF_-_1200389	1200389	1200475	-	6	87	GTG	TGA	0	0	
mORF_-_1200468	1200468	1200596	-	4	129	ATG	TAG	0	0	
mORF_-_1200597	1200597	1200605	-	4	9	TTG	TGA	0	0	

mORF_-_1200635	1200635	1200664	-	6	30	GTG	TAA	0	0	
mORF_-_1200666	1200666	1200710	-	4	45	TTG	TGA	0	0	
mORF_-_1200692	1200692	1200706	-	6	15	TTG	TGA	0	0	
mORF_-_1200717	1200717	1200740	-	4	24	GTG	TAA	0	0	
mORF_-_1200737	1200737	1200874	-	6	138	TTG	TGA	0	0	
mORF_-_1200789	1200789	1200908	-	4	120	TTG	TAA	0	0	
mORF_-_1200871	1200871	1200918	-	5	48	TTG	TGA	0	0	
mORF_-_1200915	1200915	1200971	-	4	57	TTG	TGA	0	0	
mORF_-_1200922	1200922	1200978	-	5	57	ATG	TAG	0	0	
mORF_-_1200999	1200999	1201307	-	4	309	ATG	TAA	0	0	
mORF_-_1201022	1201022	1201048	-	6	27	TTG	TAA	0	0	
mORF_-_1201058	1201058	1201090	-	6	33	GTG	TAA	0	0	
mORF_-_1201066	1201066	1201113	-	5	48	ATG	TAA	0	0	
mORF_-_1201094	1201094	1201108	-	6	15	ATG	TGA	0	0	
mORF_-_1201132	1201132	1201182	-	5	51	TTG	TAA	0	0	
mORF_-_1201202	1201202	1201231	-	6	30	ATG	TAG	0	0	
mORF_-_1201280	1201280	1201285	-	6	6	ATG	TGA	0	0	
mORF_-_1201289	1201289	1201303	-	6	15	ATG	TGA	0	0	
mORF_-_1201300	1201300	1201329	-	5	30	ATG	TGA	0	0	
mORF_-_1201333	1201333	1201545	-	5	213	TTG	TAG	0	0	
mORF_-_1201425	1201425	1201478	-	4	54	ATG	TGA	0	0	
mORF_-_1201482	1201482	1202156	-	4	675	ATG	TAA	3	9	pORF_-_1201482
mORF_-_1201523	1201523	1201534	-	6	12	TTG	TGA	0	0	
mORF_-_1201586	1201586	1201615	-	6	30	ATG	TAA	0	0	
mORF_-_1201622	1201622	1201645	-	6	24	GTG	TGA	0	0	
mORF_-_1201658	1201658	1201708	-	6	51	TTG	TGA	0	0	
mORF_-_1201712	1201712	1201738	-	6	27	TTG	TGA	0	0	
mORF_-_1201739	1201739	1201750	-	6	12	GTG	TGA	0	0	
mORF_-_1201772	1201772	1201783	-	6	12	GTG	TGA	0	0	
mORF_-_1201817	1201817	1201840	-	6	24	TTG	TGA	0	0	
mORF_-_1201828	1201828	1201869	-	5	42	ATG	TGA	0	0	
mORF_-_1201883	1201883	1201915	-	6	33	ATG	TAG	0	0	
mORF_-_1201915	1201915	1201983	-	5	69	ATG	TGA	0	0	
mORF_-_1201964	1201964	1202071	-	6	108	TTG	TAG	0	0	
mORF_-_1202072	1202072	1202107	-	6	36	ATG	TGA	0	0	
mORF_-_1202111	1202111	1202143	-	6	33	ATG	TGA	0	0	
mORF_-_1202153	1202153	1202191	-	6	39	TTG	TGA	0	0	
mORF_-_1202164	1202164	1202316	-	5	153	GTG	TAA	0	0	
mORF_-_1202205	1202205	1202213	-	4	9	TTG	TGA	0	0	
mORF_-_1202210	1202210	1202275	-	6	66	TTG	TGA	0	0	
mORF_-_1202321	1202321	1202341	-	6	21	TTG	TAG	0	0	
mORF_-_1202325	1202325	1202387	-	4	63	TTG	TAA	0	0	
mORF_-_1202345	1202345	1202392	-	6	48	GTG	TAG	0	0	
mORF_-_1202371	1202371	1202403	-	5	33	TTG	TAG	0	0	
mORF_-_1202444	1202444	1202461	-	6	18	TTG	TAA	0	0	
mORF_-_1202458	1202458	1202472	-	5	15	GTG	TGA	0	0	
mORF_-_1202485	1202485	1202505	-	5	21	GTG	TAG	0	0	
mORF_-_1202577	1202577	1202627	-	4	51	TTG	TAA	0	0	
mORF_-_1202624	1202624	1202674	-	6	51	TTG	TGA	0	0	
mORF_-_1202649	1202649	1202699	-	4	51	GTG	TGA	0	0	
mORF_-_1202680	1202680	1202703	-	5	24	GTG	TAA	0	0	
mORF_-_1202700	1202700	1202810	-	4	111	ATG	TGA	0	0	
mORF_-_1202705	1202705	1202734	-	6	30	TTG	TGA	0	0	
mORF_-_1202807	1202807	1202890	-	6	84	TTG	TGA	0	0	
mORF_-_1202845	1202845	1202877	-	5	33	ATG	TGA	0	0	
mORF_-_1202891	1202891	1202941	-	6	51	GTG	TAA	0	0	
mORF_-_1202911	1202911	1202934	-	5	24	ATG	TGA	0	0	
mORF_-_1202946	1202946	1202963	-	4	18	ATG	TAG	0	0	
mORF_-_1202965	1202965	1203063	-	5	99	GTG	TGA	0	0	
mORF_-_1203038	1203038	1203046	-	6	9	ATG	TAG	0	0	
mORF_-_1203054	1203054	1203170	-	4	117	GTG	TAA	0	0	
mORF_-_1203128	1203128	1203400	-	6	273	GTG	TAG	0	0	
mORF_-_1203199	1203199	1203249	-	5	51	TTG	TGA	0	0	

mORF_-_1203256	1203256	1203279	-	5	24	ATG	TAG	0	0
mORF_-_1203276	1203276	1203299	-	4	24	GTG	TGA	0	0
mORF_-_1203400	1203400	1203465	-	5	66	TTG	TAG	0	0
mORF_-_1203413	1203413	1203529	-	6	117	ATG	TAG	0	0
mORF_-_1203487	1203487	1203519	-	5	33	TTG	TGA	0	0
mORF_-_1203571	1203571	1203639	-	5	69	GTG	TAG	0	0
mORF_-_1203636	1203636	1203674	-	4	39	GTG	TGA	0	0
mORF_-_1203665	1203665	1203679	-	6	15	GTG	TGA	0	0
mORF_-_1203689	1203689	1203766	-	6	78	ATG	TAA	0	0
mORF_-_1203703	1203703	1203732	-	5	30	GTG	TAA	0	0
mORF_-_1203779	1203779	1203850	-	6	72	ATG	TAG	0	0
mORF_-_1203811	1203811	1203828	-	5	18	TTG	TGA	0	0
mORF_-_1203847	1203847	1203987	-	5	141	TTG	TGA	0	0
mORF_-_1203851	1203851	1203907	-	6	57	TTG	TAG	0	0
mORF_-_1203945	1203945	1204007	-	4	63	GTG	TAA	0	0
mORF_-_1203950	1203950	1204156	-	6	207	ATG	TGA	0	0
mORF_-_1203994	1203994	1204002	-	5	9	TTG	TAA	0	0
mORF_-_1204042	1204042	1204080	-	5	39	GTG	TGA	0	0
mORF_-_1204077	1204077	1204196	-	4	120	ATG	TGA	0	0
mORF_-_1204199	1204199	1204237	-	6	39	GTG	TAG	0	0
mORF_-_1204346	1204346	1204474	-	6	129	ATG	TAG	0	0
mORF_-_1204390	1204390	1204434	-	5	45	GTG	TGA	0	0
mORF_-_1204431	1204431	1204730	-	4	300	GTG	TGA	0	0
mORF_-_1204481	1204481	1204492	-	6	12	ATG	TAG	0	0
mORF_-_1204544	1204544	1204717	-	6	174	GTG	TGA	0	0
mORF_-_1204675	1204675	1204779	-	5	105	ATG	TAA	0	0
mORF_-_1204727	1204727	1204732	-	6	6	ATG	TGA	0	0
mORF_-_1204757	1204757	1204993	-	6	237	GTG	TAA	0	0
mORF_-_1204776	1204776	1204928	-	4	153	GTG	TGA	0	0
mORF_-_1204969	1204969	1205220	-	5	252	ATG	TAA	0	0
mORF_-_1204974	1204974	1205045	-	4	72	GTG	TGA	0	0
mORF_-_1205070	1205070	1205147	-	4	78	TTG	TGA	0	0
mORF_-_1205154	1205154	1205225	-	4	72	TTG	TGA	0	0
mORF_-_1205229	1205229	1205267	-	4	39	GTG	TAG	0	0
mORF_-_1205264	1205264	1205314	-	6	51	ATG	TGA	0	0
mORF_-_1205298	1205298	1205303	-	4	6	TTG	TAG	0	0
mORF_-_1205412	1205412	1205540	-	4	129	ATG	TAA	0	0
mORF_-_1205416	1205416	1205646	-	5	231	ATG	TGA	0	0
mORF_-_1205540	1205540	1205746	-	6	207	GTG	TAA	0	0
mORF_-_1205689	1205689	1205721	-	5	33	ATG	TAG	0	0
mORF_-_1205721	1205721	1205738	-	4	18	ATG	TAA	0	0
mORF_-_1205743	1205743	1205805	-	5	63	ATG	TGA	0	0
mORF_-_1205796	1205796	1205852	-	4	57	GTG	TAA	0	0
mORF_-_1205816	1205816	1206067	-	6	252	ATG	TGA	0	0
mORF_-_1205886	1205886	1205939	-	4	54	GTG	TGA	0	0
mORF_-_1205914	1205914	1205958	-	5	45	ATG	TGA	0	0
mORF_-_1205995	1205995	1206015	-	5	21	TTG	TAA	0	0
mORF_-_1206027	1206027	1206137	-	4	111	ATG	TGA	0	0
mORF_-_1206067	1206067	1206099	-	5	33	ATG	TGA	0	0
mORF_-_1206134	1206134	1206241	-	6	108	ATG	TGA	0	0
mORF_-_1206156	1206156	1206161	-	4	6	ATG	TAA	0	0
mORF_-_1206241	1206241	1206390	-	5	150	TTG	TAA	0	0
mORF_-_1206255	1206255	1206302	-	4	48	GTG	TGA	0	0
mORF_-_1206384	1206384	1206428	-	4	45	TTG	TGA	0	0
mORF_-_1206425	1206425	1206448	-	6	24	GTG	TGA	0	0
mORF_-_1206438	1206438	1206509	-	4	72	GTG	TAA	0	0
mORF_-_1206506	1206506	1206517	-	6	12	ATG	TGA	0	0
mORF_-_1206514	1206514	1206912	-	5	399	GTG	TGA	0	0
mORF_-_1206558	1206558	1206674	-	4	117	TTG	TAA	0	0
mORF_-_1206569	1206569	1206631	-	6	63	GTG	TGA	0	0
mORF_-_1206693	1206693	1206821	-	4	129	GTG	TAG	0	0
mORF_-_1206785	1206785	1206883	-	6	99	ATG	TAA	0	0
mORF_-_1206837	1206837	1207121	-	4	285	ATG	TAG	0	0

mORF_-_1206923	1206923	1206931	-	6	9	GTG	TAA	0	0
mORF_-_1206946	1206946	1206996	-	5	51	TTG	TAA	0	0
mORF_-_1206974	1206974	1207033	-	6	60	TTG	TGA	0	0
mORF_-_1207037	1207037	1207048	-	6	12	TTG	TGA	0	0
mORF_-_1207052	1207052	1207057	-	6	6	ATG	TAG	0	0
mORF_-_1207057	1207057	1207110	-	5	54	TTG	TAA	0	0
mORF_-_1207118	1207118	1207150	-	6	33	ATG	TGA	0	0
mORF_-_1207196	1207196	1207225	-	6	30	TTG	TAA	0	0
mORF_-_1207227	1207227	1207283	-	4	57	GTG	TAA	0	0
mORF_-_1207238	1207238	1207246	-	6	9	GTG	TGA	0	0
mORF_-_1207250	1207250	1207279	-	6	30	TTG	TGA	0	0
mORF_-_1207294	1207294	1207413	-	5	120	ATG	TAA	0	0
mORF_-_1207373	1207373	1207447	-	6	75	GTG	TAA	0	0
mORF_-_1207425	1207425	1207457	-	4	33	ATG	TAG	0	0
mORF_-_1207460	1207460	1207771	-	6	312	ATG	TAA	0	0
mORF_-_1207564	1207564	1207605	-	5	42	TTG	TGA	0	0
mORF_-_1207578	1207578	1207592	-	4	15	TTG	TAA	0	0
mORF_-_1207602	1207602	1207634	-	4	33	ATG	TGA	0	0
mORF_-_1207644	1207644	1207715	-	4	72	ATG	TAA	0	0
mORF_-_1207740	1207740	1208342	-	4	603	ATG	TAG	0	0
mORF_-_1207799	1207799	1207810	-	6	12	TTG	TGA	0	0
mORF_-_1207886	1207886	1207915	-	6	30	TTG	TGA	0	0
mORF_-_1207969	1207969	1207986	-	5	18	ATG	TGA	0	0
mORF_-_1207979	1207979	1208191	-	6	213	ATG	TGA	0	0
mORF_-_1207990	1207990	1208001	-	5	12	ATG	TGA	0	0
mORF_-_1208104	1208104	1208133	-	5	30	ATG	TGA	0	0
mORF_-_1208173	1208173	1208205	-	5	33	ATG	TAA	0	0
mORF_-_1208192	1208192	1208320	-	6	129	GTG	TAG	0	0
mORF_-_1208342	1208342	1208881	-	6	540	ATG	TGA	0	0
mORF_-_1208353	1208353	1208406	-	5	54	GTG	TGA	0	0
mORF_-_1208407	1208407	1208508	-	5	102	GTG	TAG	0	0
mORF_-_1208508	1208508	1208519	-	4	12	ATG	TAG	0	0
mORF_-_1208512	1208512	1208550	-	5	39	ATG	TAA	0	0
mORF_-_1208554	1208554	1208604	-	5	51	ATG	TGA	0	0
mORF_-_1208617	1208617	1208754	-	5	138	ATG	TAA	0	0
mORF_-_1208733	1208733	1208909	-	4	177	ATG	TGA	0	0
mORF_-_1208761	1208761	1208841	-	5	81	TTG	TGA	0	0
mORF_-_1208845	1208845	1208871	-	5	27	TTG	TAA	0	0
mORF_-_1208912	1208912	1209022	-	6	111	TTG	TAA	0	0
mORF_-_1208919	1208919	1209200	-	4	282	GTG	TAG	0	0
mORF_-_1208956	1208956	1208961	-	5	6	TTG	TAG	0	0
mORF_-_1209053	1209053	1209061	-	6	9	ATG	TGA	0	0
mORF_-_1209061	1209061	1209123	-	5	63	ATG	TAA	0	0
mORF_-_1209161	1209161	1209304	-	6	144	GTG	TGA	0	0
mORF_-_1209184	1209184	1209357	-	5	174	TTG	TGA	0	0
mORF_-_1209222	1209222	1209332	-	4	111	TTG	TGA	0	0
mORF_-_1209335	1209335	1209355	-	6	21	GTG	TAA	0	0
mORF_-_1209404	1209404	1209427	-	6	24	TTG	TAA	0	0
mORF_-_1209424	1209424	1209525	-	5	102	TTG	TGA	0	0
mORF_-_1209465	1209465	1209506	-	4	42	TTG	TAA	0	0
mORF_-_1209554	1209554	1209574	-	6	21	ATG	TAA	0	0
mORF_-_1209637	1209637	1209681	-	5	45	TTG	TAA	0	0
mORF_-_1209644	1209644	1209742	-	6	99	TTG	TAG	0	0
mORF_-_1209685	1209685	1209690	-	5	6	TTG	TAA	0	0
mORF_-_1209703	1209703	1209711	-	5	9	ATG	TAA	0	0
mORF_-_1209708	1209708	1209767	-	4	60	ATG	TGA	0	0
mORF_-_1209767	1209767	1209811	-	6	45	ATG	TGA	0	0
mORF_-_1209883	1209883	1209924	-	5	42	TTG	TAA	0	0
mORF_-_1209984	1209984	1210016	-	4	33	GTG	TAG	0	0
mORF_-_1210061	1210061	1210084	-	6	24	TTG	TAA	0	0
mORF_-_1210065	1210065	1210352	-	4	288	TTG	TAA	0	0
mORF_-_1210121	1210121	1210126	-	6	6	TTG	TAG	0	0
mORF_-_1210166	1210166	1210174	-	6	9	TTG	TAA	0	0

mORF_-_1210220	1210220	1210255	-	6	36	ATG	TAA	0	0	
mORF_-_1210271	1210271	1210336	-	6	66	GTG	TGA	0	0	
mORF_-_1210377	1210377	1210421	-	4	45	GTG	TAA	0	0	
mORF_-_1210418	1210418	1210423	-	6	6	ATG	TGA	0	0	
mORF_-_1210439	1210439	1210477	-	6	39	TTG	TAG	0	0	
mORF_-_1210465	1210465	1210515	-	5	51	TTG	TAA	0	0	
mORF_-_1210499	1210499	1210528	-	6	30	GTG	TAG	0	0	
mORF_-_1210519	1210519	1210542	-	5	24	TTG	TGA	0	0	
mORF_-_1210565	1210565	1210582	-	6	18	TTG	TAG	0	0	
mORF_-_1210614	1210614	1210628	-	4	15	ATG	TAA	0	0	
mORF_-_1210629	1210629	1210709	-	4	81	TTG	TAG	0	0	
mORF_-_1210633	1210633	1210647	-	5	15	ATG	TAG	0	0	
mORF_-_1210679	1210679	1210699	-	6	21	TTG	TAA	0	0	
mORF_-_1210719	1210719	1210796	-	4	78	ATG	TAA	0	0	
mORF_-_1210765	1210765	1210809	-	5	45	ATG	TGA	0	0	
mORF_-_1210813	1210813	1210839	-	5	27	GTG	TAA	0	0	
mORF_-_1210854	1210854	1210916	-	4	63	ATG	TAA	0	0	
mORF_-_1210889	1210889	1210939	-	6	51	TTG	TAA	0	0	
mORF_-_1210903	1210903	1211226	-	5	324	ATG	TAA	0	0	
mORF_-_1210943	1210943	1210954	-	6	12	ATG	TAA	0	0	
mORF_-_1210955	1210955	1211014	-	6	60	ATG	TAA	0	0	
mORF_-_1211151	1211151	1211186	-	4	36	GTG	TGA	0	0	
mORF_-_1211156	1211156	1211188	-	6	33	ATG	TAA	0	0	
mORF_-_1211199	1211199	1211210	-	4	12	TTG	TAA	0	0	
mORF_-_1211207	1211207	1211221	-	6	15	GTG	TGA	0	0	
mORF_-_1211223	1211223	1211291	-	4	69	ATG	TGA	0	0	
mORF_-_1211237	1211237	1211245	-	6	9	GTG	TAA	0	0	
mORF_-_1211301	1211301	1211315	-	4	15	TTG	TAA	0	0	
mORF_-_1211329	1211329	1211376	-	5	48	TTG	TAA	0	0	
mORF_-_1211358	1211358	1211366	-	4	9	TTG	TAA	0	0	
mORF_-_1211373	1211373	1211411	-	4	39	TTG	TGA	0	0	
mORF_-_1211430	1211430	1211459	-	4	30	ATG	TAA	0	0	
mORF_-_1211452	1211452	1211475	-	5	24	ATG	TAA	0	0	
mORF_-_1211483	1211483	1211575	-	6	93	ATG	TAA	0	0	
mORF_-_1211527	1211527	1211640	-	5	114	ATG	TAA	0	0	
mORF_-_1211541	1211541	1211591	-	4	51	TTG	TAA	0	0	
mORF_-_1211630	1211630	1211671	-	6	42	ATG	TAG	0	0	
mORF_-_1211656	1211656	1211664	-	5	9	TTG	TAG	0	0	
mORF_-_1211677	1211677	1211751	-	5	75	TTG	TAA	0	0	
mORF_-_1211726	1211726	1211773	-	6	48	TTG	TAA	0	0	
mORF_-_1211755	1211755	1211766	-	5	12	GTG	TGA	0	0	
mORF_-_1211763	1211763	1211873	-	4	111	ATG	TGA	0	0	
mORF_-_1211833	1211833	1211844	-	5	12	ATG	TAA	0	0	
mORF_-_1211878	1211878	1211904	-	5	27	ATG	TAG	0	0	
mORF_-_1211908	1211908	1211919	-	5	12	TTG	TAA	0	0	
mORF_-_1211926	1211926	1212330	-	5	405	ATG	TAG	0	0	
mORF_-_1211949	1211949	1212014	-	4	66	ATG	TAG	0	0	
mORF_-_1212014	1212014	1212085	-	6	72	TTG	TGA	0	0	
mORF_-_1212162	1212162	1212236	-	4	75	TTG	TAA	0	0	
mORF_-_1212288	1212288	1212317	-	4	30	TTG	TGA	0	0	
mORF_-_1212349	1212349	1212474	-	5	126	TTG	TAA	0	0	
mORF_-_1212384	1212384	1212467	-	4	84	ATG	TAA	0	0	
mORF_-_1212392	1212392	1212493	-	6	102	TTG	TGA	0	0	
mORF_-_1212508	1212508	1212645	-	5	138	TTG	TGA	0	0	
mORF_-_1212513	1212513	1212521	-	4	9	ATG	TAA	0	0	
mORF_-_1212551	1212551	1213282	-	6	732	GTG	TAA	1	2	pORF_-_1212551
mORF_-_1212646	1212646	1212771	-	5	126	ATG	TGA	0	0	
mORF_-_1212693	1212693	1212749	-	4	57	GTG	TGA	0	0	
mORF_-_1212765	1212765	1212776	-	4	12	GTG	TGA	0	0	
mORF_-_1212781	1212781	1212843	-	5	63	TTG	TGA	0	0	
mORF_-_1212844	1212844	1212858	-	5	15	TTG	TAA	0	0	
mORF_-_1212868	1212868	1212927	-	5	60	ATG	TGA	0	0	
mORF_-_1213018	1213018	1213047	-	5	30	ATG	TGA	0	0	

mORF_-_1213093	1213093	1213107	-	5	15	ATG	TAG	0	0
mORF_-_1213107	1213107	1213118	-	4	12	TTG	TAA	0	0
mORF_-_1213111	1213111	1213179	-	5	69	GTG	TAA	0	0
mORF_-_1213192	1213192	1213344	-	5	153	TTG	TAA	0	0
mORF_-_1213236	1213236	1213247	-	4	12	TTG	TAA	0	0
mORF_-_1213260	1213260	1213364	-	4	105	TTG	TGA	0	0
mORF_-_1213298	1213298	1213447	-	6	150	GTG	TGA	0	0
mORF_-_1213384	1213384	1213401	-	5	18	ATG	TAG	0	0
mORF_-_1213407	1213407	1213505	-	4	99	GTG	TAA	0	0
mORF_-_1213487	1213487	1214776	-	6	1290	TTG	TAA	0	0
mORF_-_1213507	1213507	1213524	-	5	18	ATG	TAG	0	0
mORF_-_1213525	1213525	1213635	-	5	111	TTG	TGA	0	0
mORF_-_1213578	1213578	1213592	-	4	15	GTG	TGA	0	0
mORF_-_1213632	1213632	1213649	-	4	18	ATG	TGA	0	0
mORF_-_1213651	1213651	1213698	-	5	48	ATG	TAA	0	0
mORF_-_1213705	1213705	1213788	-	5	84	TTG	TGA	0	0
mORF_-_1213792	1213792	1213797	-	5	6	GTG	TAG	0	0
mORF_-_1213813	1213813	1213905	-	5	93	ATG	TAA	0	0
mORF_-_1213912	1213912	1213920	-	5	9	ATG	TAA	0	0
mORF_-_1213984	1213984	1214082	-	5	99	TTG	TGA	0	0
mORF_-_1214086	1214086	1214130	-	5	45	TTG	TAG	0	0
mORF_-_1214137	1214137	1214178	-	5	42	TTG	TAA	0	0
mORF_-_1214188	1214188	1214337	-	5	150	ATG	TAA	0	0
mORF_-_1214341	1214341	1214478	-	5	138	TTG	TAA	0	0
mORF_-_1214412	1214412	1214465	-	4	54	GTG	TGA	0	0
mORF_-_1214481	1214481	1214504	-	4	24	ATG	TAA	0	0
mORF_-_1214518	1214518	1214571	-	5	54	ATG	TGA	0	0
mORF_-_1214620	1214620	1214664	-	5	45	GTG	TAG	0	0
mORF_-_1214673	1214673	1214747	-	4	75	ATG	TAG	0	0
mORF_-_1214767	1214767	1214781	-	5	15	ATG	TAA	0	0
mORF_-_1214792	1214792	1214869	-	6	78	TTG	TAA	0	0
mORF_-_1214853	1214853	1214918	-	4	66	TTG	TGA	0	0
mORF_-_1214857	1214857	1214889	-	5	33	ATG	TAA	0	0
mORF_-_1214879	1214879	1214887	-	6	9	GTG	TGA	0	0
mORF_-_1214909	1214909	1214983	-	6	75	ATG	TAG	0	0
mORF_-_1214923	1214923	1214943	-	5	21	GTG	TAA	0	0
mORF_-_1214931	1214931	1214945	-	4	15	ATG	TGA	0	0
mORF_-_1214968	1214968	1214976	-	5	9	GTG	TAA	0	0
mORF_-_1214973	1214973	1215020	-	4	48	TTG	TGA	0	0
mORF_-_1214977	1214977	1215051	-	5	75	TTG	TAA	0	0
mORF_-_1214996	1214996	1215013	-	6	18	ATG	TAA	0	0
mORF_-_1215017	1215017	1215055	-	6	39	GTG	TGA	0	0
mORF_-_1215033	1215033	1215215	-	4	183	ATG	TAA	0	0
mORF_-_1215052	1215052	1215069	-	5	18	TTG	TGA	0	0
mORF_-_1215073	1215073	1215225	-	5	153	GTG	TAG	0	0
mORF_-_1215086	1215086	1215166	-	6	81	TTG	TGA	0	0
mORF_-_1215215	1215215	1215253	-	6	39	TTG	TAA	0	0
mORF_-_1215278	1215278	1215535	-	6	258	TTG	TAG	0	0
mORF_-_1215289	1215289	1215300	-	5	12	ATG	TAA	0	0
mORF_-_1215328	1215328	1215378	-	5	51	ATG	TAA	0	0
mORF_-_1215375	1215375	1215398	-	4	24	TTG	TGA	0	0
mORF_-_1215469	1215469	1215495	-	5	27	TTG	TAA	0	0
mORF_-_1215483	1215483	1215593	-	4	111	ATG	TGA	0	0
mORF_-_1215560	1215560	1215571	-	6	12	ATG	TAA	0	0
mORF_-_1215568	1215568	1215615	-	5	48	ATG	TGA	0	0
mORF_-_1215605	1215605	1215643	-	6	39	TTG	TAG	0	0
mORF_-_1215645	1215645	1215899	-	4	255	ATG	TAA	0	0
mORF_-_1215749	1215749	1215784	-	6	36	TTG	TAA	0	0
mORF_-_1215754	1215754	1215768	-	5	15	GTG	TAA	0	0
mORF_-_1215809	1215809	1215820	-	6	12	GTG	TAA	0	0
mORF_-_1215881	1215881	1215895	-	6	15	ATG	TAA	0	0
mORF_-_1215896	1215896	1215931	-	6	36	GTG	TGA	0	0
mORF_-_1215919	1215919	1215936	-	5	18	ATG	TAA	0	0

mORF_-_1215924	1215924	1215983	-	4	60	TTG	TAG	0	0
mORF_-_1215958	1215958	1215972	-	5	15	ATG	TAG	0	0
mORF_-_1215980	1215980	1216069	-	6	90	ATG	TGA	0	0
mORF_-_1216003	1216003	1216044	-	5	42	ATG	TGA	0	0
mORF_-_1216097	1216097	1216165	-	6	69	ATG	TAA	0	0
mORF_-_1216132	1216132	1216188	-	5	57	ATG	TAG	0	0
mORF_-_1216170	1216170	1216175	-	4	6	GTG	TAG	0	0
mORF_-_1216191	1216191	1216262	-	4	72	ATG	TAA	0	0
mORF_-_1216216	1216216	1216281	-	5	66	ATG	TAA	0	0
mORF_-_1216283	1216283	1216351	-	6	69	ATG	TGA	0	0
mORF_-_1216303	1216303	1216314	-	5	12	TTG	TAA	0	0
mORF_-_1216392	1216392	1216406	-	4	15	TTG	TAG	0	0
mORF_-_1216418	1216418	1216687	-	6	270	TTG	TAA	0	0
mORF_-_1216471	1216471	1216521	-	5	51	ATG	TAG	0	0
mORF_-_1216518	1216518	1216691	-	4	174	ATG	TGA	0	0
mORF_-_1216525	1216525	1216563	-	5	39	GTG	TAA	0	0
mORF_-_1216609	1216609	1216641	-	5	33	TTG	TAG	0	0
mORF_-_1216684	1216684	1216710	-	5	27	GTG	TGA	0	0
mORF_-_1216707	1216707	1216802	-	4	96	GTG	TGA	0	0
mORF_-_1216718	1216718	1216753	-	6	36	TTG	TGA	0	0
mORF_-_1216729	1216729	1216812	-	5	84	TTG	TAA	0	0
mORF_-_1216769	1216769	1216780	-	6	12	GTG	TGA	0	0
mORF_-_1216799	1216799	1216930	-	6	132	GTG	TGA	0	0
mORF_-_1216822	1216822	1216923	-	5	102	TTG	TGA	0	0
mORF_-_1216941	1216941	1217009	-	4	69	ATG	TAA	0	0
mORF_-_1216958	1216958	1216984	-	6	27	ATG	TGA	0	0
mORF_-_1216990	1216990	1217022	-	5	33	GTG	TAA	0	0
mORF_-_1217003	1217003	1217074	-	6	72	ATG	TGA	0	0
mORF_-_1217055	1217055	1217153	-	4	99	ATG	TAA	0	0
mORF_-_1217074	1217074	1217085	-	5	12	TTG	TAA	0	0
mORF_-_1217104	1217104	1217145	-	5	42	TTG	TAA	0	0
mORF_-_1217135	1217135	1217143	-	6	9	GTG	TGA	0	0
mORF_-_1217150	1217150	1217158	-	6	9	GTG	TGA	0	0
mORF_-_1217167	1217167	1217181	-	5	15	GTG	TAA	0	0
mORF_-_1217192	1217192	1217281	-	6	90	TTG	TAG	0	0
mORF_-_1217238	1217238	1217351	-	4	114	TTG	TAA	0	0
mORF_-_1217278	1217278	1217445	-	5	168	ATG	TGA	0	0
mORF_-_1217397	1217397	1217420	-	4	24	GTG	TAA	0	0
mORF_-_1217446	1217446	1217454	-	5	9	GTG	TAA	0	0
mORF_-_1217472	1217472	1217585	-	4	114	ATG	TAA	0	0
mORF_-_1217555	1217555	1217671	-	6	117	GTG	TGA	0	0
mORF_-_1217649	1217649	1217729	-	4	81	ATG	TAA	0	0
mORF_-_1217668	1217668	1217685	-	5	18	ATG	TGA	0	0
mORF_-_1217708	1217708	1217746	-	6	39	ATG	TGA	0	0
mORF_-_1217743	1217743	1217751	-	5	9	GTG	TGA	0	0
mORF_-_1217775	1217775	1217828	-	4	54	GTG	TGA	0	0
mORF_-_1217810	1217810	1217818	-	6	9	TTG	TAA	0	0
mORF_-_1217815	1217815	1217865	-	5	51	TTG	TGA	0	0
mORF_-_1217862	1217862	1217966	-	4	105	TTG	TGA	0	0
mORF_-_1217969	1217969	1217977	-	6	9	GTG	TAA	0	0
mORF_-_1217974	1217974	1217979	-	5	6	ATG	TGA	0	0
mORF_-_1217999	1217999	1218094	-	6	96	ATG	TAG	0	0
mORF_-_1218010	1218010	1218015	-	5	6	ATG	TAA	0	0
mORF_-_1218117	1218117	1218152	-	4	36	ATG	TAG	0	0
mORF_-_1218142	1218142	1218213	-	5	72	TTG	TAG	0	0
mORF_-_1218229	1218229	1218237	-	5	9	GTG	TAA	0	0
mORF_-_1218241	1218241	1218405	-	5	165	TTG	TAG	0	0
mORF_-_1218246	1218246	1218263	-	4	18	ATG	TGA	0	0
mORF_-_1218291	1218291	1218299	-	4	9	TTG	TAA	0	0
mORF_-_1218386	1218386	1218421	-	6	36	TTG	TAA	0	0
mORF_-_1218429	1218429	1218587	-	4	159	TTG	TGA	0	0
mORF_-_1218485	1218485	1218538	-	6	54	GTG	TGA	0	0
mORF_-_1218569	1218569	1218577	-	6	9	TTG	TGA	0	0

mORF_-_1218604	1218604	1218627	-	5	24	GTG	TAA	0	0	
mORF_-_1218624	1218624	1218647	-	4	24	ATG	TGA	0	0	
mORF_-_1218644	1218644	1218688	-	6	45	ATG	TGA	0	0	
mORF_-_1218743	1218743	1218772	-	6	30	ATG	TAA	0	0	
mORF_-_1218797	1218797	1218898	-	6	102	TTG	TAA	0	0	
mORF_-_1218861	1218861	1218896	-	4	36	GTG	TAA	0	0	
mORF_-_1218925	1218925	1218999	-	5	75	GTG	TAG	0	0	
mORF_-_1218992	1218992	1219111	-	6	120	TTG	TAG	0	0	
mORF_-_1219108	1219108	1219350	-	5	243	ATG	TGA	0	0	
mORF_-_1219227	1219227	1219265	-	4	39	ATG	TAA	0	0	
mORF_-_1219353	1219353	1219415	-	4	63	ATG	TAA	0	0	
mORF_-_1219456	1219456	1219518	-	5	63	ATG	TAA	0	0	
mORF_-_1219467	1219467	1219508	-	4	42	TTG	TAA	0	0	
mORF_-_1219539	1219539	1219556	-	4	18	ATG	TAG	0	0	
mORF_-_1219560	1219560	1219580	-	4	21	GTG	TAA	0	0	
mORF_-_1219565	1219565	1219624	-	6	60	TTG	TAA	0	0	
mORF_-_1219603	1219603	1219725	-	5	123	GTG	TAA	0	0	
mORF_-_1219653	1219653	1219661	-	4	9	TTG	TAA	0	0	
mORF_-_1219668	1219668	1219685	-	4	18	TTG	TAG	0	0	
mORF_-_1219722	1219722	1219817	-	4	96	TTG	TGA	0	0	
mORF_-_1219733	1219733	1219741	-	6	9	TTG	TGA	0	0	
mORF_-_1219766	1219766	1219783	-	6	18	TTG	TGA	0	0	
mORF_-_1219780	1219780	1220076	-	5	297	TTG	TGA	0	0	
mORF_-_1219848	1219848	1219853	-	4	6	TTG	TAG	0	0	
mORF_-_1219884	1219884	1219889	-	4	6	GTG	TGA	0	0	
mORF_-_1219977	1219977	1220015	-	4	39	TTG	TGA	0	0	
mORF_-_1220003	1220003	1220050	-	6	48	ATG	TGA	0	0	
mORF_-_1220060	1220060	1220110	-	6	51	TTG	TGA	0	0	
mORF_-_1220073	1220073	1220102	-	4	30	ATG	TGA	0	0	
mORF_-_1220103	1220103	1220120	-	4	18	ATG	TAA	0	0	
mORF_-_1220155	1220155	1220172	-	5	18	GTG	TGA	0	0	
mORF_-_1220208	1220208	1220237	-	4	30	TTG	TAA	0	0	
mORF_-_1220245	1220245	1220301	-	5	57	ATG	TAG	0	0	
mORF_-_1220282	1220282	1220383	-	6	102	TTG	TAG	0	0	
mORF_-_1220337	1220337	1220471	-	4	135	TTG	TGA	0	0	
mORF_-_1220380	1220380	1220400	-	5	21	TTG	TGA	0	0	
mORF_-_1220384	1220384	1220395	-	6	12	TTG	TAG	0	0	
mORF_-_1220512	1220512	1220541	-	5	30	GTG	TAA	0	0	
mORF_-_1220550	1220550	1220618	-	4	69	TTG	TAA	0	0	
mORF_-_1220584	1220584	1220589	-	5	6	ATG	TAG	0	0	
mORF_-_1220630	1220630	1220695	-	6	66	ATG	TAG	0	0	
mORF_-_1220635	1220635	1220670	-	5	36	TTG	TGA	0	0	
mORF_-_1220791	1220791	1220796	-	5	6	TTG	TAG	0	0	
mORF_-_1220798	1220798	1220926	-	6	129	TTG	TAA	0	0	
mORF_-_1220848	1220848	1220910	-	5	63	ATG	TAG	0	0	
mORF_-_1220889	1220889	1220906	-	4	18	ATG	TGA	0	0	
mORF_-_1220937	1220937	1221089	-	4	153	GTG	TAA	0	0	
mORF_-_1220963	1220963	1221124	-	6	162	GTG	TAA	0	0	
mORF_-_1221093	1221093	1221161	-	4	69	TTG	TAG	0	0	
mORF_-_1221112	1221112	1221195	-	5	84	GTG	TGA	0	0	
mORF_-_1221140	1221140	1221274	-	6	135	ATG	TGA	0	0	
mORF_-_1221198	1221198	1221299	-	4	102	TTG	TAA	0	0	
mORF_-_1221208	1221208	1221369	-	5	162	TTG	TGA	0	0	
mORF_-_1221296	1221296	1221322	-	6	27	TTG	TGA	0	0	
mORF_-_1221426	1221426	1221437	-	4	12	GTG	TAG	0	0	
mORF_-_1221480	1221480	1221506	-	4	27	ATG	TAA	0	0	
mORF_-_1221484	1221484	1221519	-	5	36	ATG	TAG	0	0	
mORF_-_1221503	1221503	1221562	-	6	60	TTG	TGA	0	0	
mORF_-_1221528	1221528	1221863	-	4	336	ATG	TAA	3	9	pORF_-_1221528
mORF_-_1221592	1221592	1221600	-	5	9	TTG	TAA	0	0	
mORF_-_1221632	1221632	1221652	-	6	21	TTG	TGA	0	0	
mORF_-_1221656	1221656	1221682	-	6	27	ATG	TAA	0	0	
mORF_-_1221689	1221689	1221709	-	6	21	TTG	TAA	0	0	

mORF_-_1221721	1221721	1221753	-	5	33	TTG	TGA	0	0	
mORF_-_1221809	1221809	1221847	-	6	39	TTG	TGA	0	0	
mORF_-_1221867	1221867	1222211	-	4	345	TTG	TAA	1	3	pORF_-_1221867
mORF_-_1221872	1221872	1221907	-	6	36	TTG	TGA	0	0	
mORF_-_1221908	1221908	1221940	-	6	33	ATG	TGA	0	0	
mORF_-_1221947	1221947	1222003	-	6	57	ATG	TGA	0	0	
mORF_-_1222028	1222028	1222060	-	6	33	GTG	TAA	0	0	
mORF_-_1222064	1222064	1222102	-	6	39	TTG	TGA	0	0	
mORF_-_1222112	1222112	1222123	-	6	12	GTG	TAG	0	0	
mORF_-_1222139	1222139	1222195	-	6	57	TTG	TGA	0	0	
mORF_-_1222208	1222208	1222243	-	6	36	GTG	TGA	0	0	
mORF_-_1222213	1222213	1222386	-	5	174	ATG	TAA	0	0	
mORF_-_1222227	1222227	1222262	-	4	36	TTG	TAA	0	0	
mORF_-_1222367	1222367	1222396	-	6	30	TTG	TAA	0	0	
mORF_-_1222383	1222383	1222409	-	4	27	TTG	TGA	0	0	
mORF_-_1222402	1222402	1222419	-	5	18	ATG	TAA	0	0	
mORF_-_1222416	1222416	1222511	-	4	96	TTG	TGA	0	0	
mORF_-_1222426	1222426	1222434	-	5	9	TTG	TAA	0	0	
mORF_-_1222483	1222483	1222527	-	5	45	ATG	TAA	0	0	
mORF_-_1222515	1222515	1222520	-	4	6	ATG	TAA	0	0	
mORF_-_1222524	1222524	1222604	-	4	81	TTG	TGA	0	0	
mORF_-_1222529	1222529	1222549	-	6	21	ATG	TAA	0	0	
mORF_-_1222605	1222605	1222610	-	4	6	GTG	TAG	0	0	
mORF_-_1222612	1222612	1222695	-	5	84	GTG	TGA	0	0	
mORF_-_1222659	1222659	1222697	-	4	39	TTG	TGA	0	0	
mORF_-_1222667	1222667	1222702	-	6	36	GTG	TGA	0	0	
mORF_-_1222767	1222767	1222775	-	4	9	GTG	TAA	0	0	
mORF_-_1222772	1222772	1222792	-	6	21	ATG	TGA	0	0	
mORF_-_1222776	1222776	1222979	-	4	204	TTG	TAA	0	0	
mORF_-_1222789	1222789	1222806	-	5	18	ATG	TGA	0	0	
mORF_-_1222864	1222864	1222872	-	5	9	ATG	TAA	0	0	
mORF_-_1223018	1223018	1223029	-	6	12	ATG	TAA	0	0	
mORF_-_1223026	1223026	1223073	-	5	48	ATG	TGA	0	0	
mORF_-_1223042	1223042	1223137	-	6	96	TTG	TAA	0	0	
mORF_-_1223134	1223134	1223301	-	5	168	TTG	TGA	0	0	
mORF_-_1223237	1223237	1223293	-	6	57	ATG	TAG	0	0	
mORF_-_1223307	1223307	1223318	-	4	12	TTG	TAA	0	0	
mORF_-_1223311	1223311	1223388	-	5	78	TTG	TAA	0	0	
mORF_-_1223315	1223315	1223332	-	6	18	ATG	TGA	0	0	
mORF_-_1223357	1223357	1223425	-	6	69	GTG	TAA	0	0	
mORF_-_1223419	1223419	1223454	-	5	36	TTG	TAA	0	0	
mORF_-_1223502	1223502	1223768	-	4	267	ATG	TAA	19	195	pORF_-_1223502
mORF_-_1223537	1223537	1223575	-	6	39	TTG	TGA	0	0	
mORF_-_1223585	1223585	1223818	-	6	234	TTG	TAA	0	0	
mORF_-_1223614	1223614	1223619	-	5	6	TTG	TAA	0	0	
mORF_-_1223772	1223772	1224584	-	4	813	ATG	TAA	64	1196	pORF_-_1223772
mORF_-_1223855	1223855	1223914	-	6	60	GTG	TAG	0	0	
mORF_-_1223954	1223954	1223992	-	6	39	ATG	TGA	0	0	
mORF_-_1224002	1224002	1224013	-	6	12	GTG	TGA	0	0	
mORF_-_1224044	1224044	1224079	-	6	36	ATG	TAA	0	0	
mORF_-_1224113	1224113	1224181	-	6	69	TTG	TAG	0	0	
mORF_-_1224194	1224194	1224244	-	6	51	TTG	TAA	0	0	
mORF_-_1224226	1224226	1224231	-	5	6	TTG	TGA	0	0	
mORF_-_1224257	1224257	1224301	-	6	45	ATG	TGA	0	0	
mORF_-_1224374	1224374	1224430	-	6	57	GTG	TAA	0	0	
mORF_-_1224427	1224427	1224432	-	5	6	TTG	TGA	0	0	
mORF_-_1224440	1224440	1224469	-	6	30	TTG	TGA	0	0	
mORF_-_1224476	1224476	1224571	-	6	96	TTG	TGA	0	0	
mORF_-_1224597	1224597	1224611	-	4	15	TTG	TAA	0	0	
mORF_-_1224608	1224608	1225318	-	6	711	TTG	TGA	12	51	pORF_-_1224608
mORF_-_1224643	1224643	1224693	-	5	51	GTG	TAG	0	0	
mORF_-_1224694	1224694	1224708	-	5	15	GTG	TGA	0	0	
mORF_-_1224705	1224705	1224746	-	4	42	TTG	TGA	0	0	

mORF_-_1224733	1224733	1224789	-	5	57	GTG	TGA	0	0	
mORF_-_1224799	1224799	1224831	-	5	33	TTG	TGA	0	0	
mORF_-_1224832	1224832	1224867	-	5	36	TTG	TGA	0	0	
mORF_-_1224868	1224868	1224888	-	5	21	ATG	TGA	0	0	
mORF_-_1224873	1224873	1224878	-	4	6	ATG	TGA	0	0	
mORF_-_1225009	1225009	1225068	-	5	60	GTG	TGA	0	0	
mORF_-_1225069	1225069	1225077	-	5	9	TTG	TAA	0	0	
mORF_-_1225126	1225126	1225170	-	5	45	ATG	TAA	0	0	
mORF_-_1225174	1225174	1225242	-	5	69	ATG	TAA	0	0	
mORF_-_1225319	1225319	1225333	-	6	15	ATG	TAA	0	0	
mORF_-_1225326	1225326	1225403	-	4	78	GTG	TAA	0	0	
mORF_-_1225330	1225330	1225398	-	5	69	TTG	TGA	0	0	
mORF_-_1225400	1225400	1225411	-	6	12	ATG	TGA	0	0	
mORF_-_1225416	1225416	1225457	-	4	42	ATG	TGA	0	0	
mORF_-_1225454	1225454	1225480	-	6	27	TTG	TGA	0	0	
mORF_-_1225461	1225461	1225484	-	4	24	TTG	TAA	0	0	
mORF_-_1225481	1225481	1225489	-	6	9	ATG	TGA	0	0	
mORF_-_1225513	1225513	1225554	-	5	42	ATG	TAA	0	0	
mORF_-_1225517	1225517	1225606	-	6	90	GTG	TAA	0	0	
mORF_-_1225539	1225539	1225589	-	4	51	TTG	TAG	0	0	
mORF_-_1225618	1225618	1225680	-	5	63	GTG	TAA	0	0	
mORF_-_1225667	1225667	1225696	-	6	30	ATG	TAA	0	0	
mORF_-_1225727	1225727	1225735	-	6	9	ATG	TGA	0	0	
mORF_-_1225751	1225751	1225789	-	6	39	ATG	TGA	0	0	
mORF_-_1225821	1225821	1226030	-	4	210	ATG	TAG	0	0	
mORF_-_1225880	1225880	1225915	-	6	36	TTG	TGA	0	0	
mORF_-_1225912	1225912	1225971	-	5	60	ATG	TGA	0	0	
mORF_-_1226021	1226021	1226026	-	6	6	TTG	TAA	0	0	
mORF_-_1226030	1226030	1226035	-	6	6	TTG	TAA	0	0	
mORF_-_1226055	1226055	1226060	-	4	6	ATG	TAA	0	0	
mORF_-_1226096	1226096	1226155	-	6	60	TTG	TAA	0	0	
mORF_-_1226113	1226113	1226151	-	5	39	TTG	TAA	0	0	
mORF_-_1226148	1226148	1226165	-	4	18	TTG	TGA	0	0	
mORF_-_1226152	1226152	1226163	-	5	12	GTG	TGA	0	0	
mORF_-_1226200	1226200	1226205	-	5	6	ATG	TAA	0	0	
mORF_-_1226205	1226205	1226255	-	4	51	ATG	TAA	0	0	
mORF_-_1226212	1226212	1226493	-	5	282	ATG	TAG	0	0	
mORF_-_1226255	1226255	1226293	-	6	39	ATG	TAA	0	0	
mORF_-_1226294	1226294	1226695	-	6	402	ATG	TAA	29	428	pORF_-_1226294
mORF_-_1226503	1226503	1226532	-	5	30	ATG	TGA	0	0	
mORF_-_1226563	1226563	1226634	-	5	72	TTG	TAA	0	0	
mORF_-_1226647	1226647	1226658	-	5	12	TTG	TAA	0	0	
mORF_-_1226710	1226710	1226745	-	5	36	TTG	TGA	0	0	
mORF_-_1226732	1226732	1226803	-	6	72	ATG	TAA	0	0	
mORF_-_1226749	1226749	1226793	-	5	45	GTG	TAG	0	0	
mORF_-_1226818	1226818	1226847	-	5	30	TTG	TAA	0	0	
mORF_-_1226822	1226822	1226836	-	6	15	ATG	TAA	0	0	
mORF_-_1226859	1226859	1226891	-	4	33	ATG	TAG	0	0	
mORF_-_1226897	1226897	1226920	-	6	24	ATG	TAA	0	0	
mORF_-_1226902	1226902	1226910	-	5	9	TTG	TAA	0	0	
mORF_-_1226951	1226951	1226965	-	6	15	TTG	TAA	0	0	
mORF_-_1227050	1227050	1227097	-	6	48	TTG	TGA	0	0	
mORF_-_1227115	1227115	1227165	-	5	51	GTG	TAA	0	0	
mORF_-_1227126	1227126	1227137	-	4	12	TTG	TAA	0	0	
mORF_-_1227143	1227143	1227250	-	6	108	ATG	TAG	0	0	
mORF_-_1227153	1227153	1227281	-	4	129	GTG	TAA	0	0	
mORF_-_1227272	1227272	1227388	-	6	117	ATG	TGA	0	0	
mORF_-_1227313	1227313	1227318	-	5	6	TTG	TGA	0	0	
mORF_-_1227376	1227376	1227384	-	5	9	TTG	TAG	0	0	
mORF_-_1227435	1227435	1227542	-	4	108	GTG	TAA	0	0	
mORF_-_1227497	1227497	1227937	-	6	441	ATG	TGA	0	0	
mORF_-_1227547	1227547	1227579	-	5	33	ATG	TGA	0	0	
mORF_-_1227552	1227552	1227611	-	4	60	ATG	TAG	0	0	

mORF_-_1227622	1227622	1227795	-	5	174	ATG	TGA	0	0
mORF_-_1227717	1227717	1227740	-	4	24	TTG	TAA	0	0
mORF_-_1227823	1227823	1227999	-	5	177	ATG	TAA	0	0
mORF_-_1227921	1227921	1228229	-	4	309	TTG	TGA	0	0
mORF_-_1228136	1228136	1228171	-	6	36	GTG	TGA	0	0
mORF_-_1228181	1228181	1228213	-	6	33	TTG	TAG	0	0
mORF_-_1228238	1228238	1228273	-	6	36	ATG	TAG	0	0
mORF_-_1228273	1228273	1228317	-	5	45	TTG	TAA	0	0
mORF_-_1228356	1228356	1228370	-	4	15	ATG	TAA	0	0
mORF_-_1228374	1228374	1228427	-	4	54	ATG	TAG	0	0
mORF_-_1228378	1228378	1228398	-	5	21	TTG	TAA	0	0
mORF_-_1228443	1228443	1228469	-	4	27	ATG	TGA	0	0
mORF_-_1228505	1228505	1228618	-	6	114	TTG	TAA	0	0
mORF_-_1228615	1228615	1228632	-	5	18	TTG	TGA	0	0
mORF_-_1228636	1228636	1228761	-	5	126	ATG	TAA	0	0
mORF_-_1228655	1228655	1228687	-	6	33	ATG	TAA	0	0
mORF_-_1228706	1228706	1229761	-	6	1056	TTG	TGA	0	0
mORF_-_1228810	1228810	1228827	-	5	18	TTG	TAA	0	0
mORF_-_1228858	1228858	1228866	-	5	9	GTG	TAA	0	0
mORF_-_1228894	1228894	1228908	-	5	15	ATG	TGA	0	0
mORF_-_1228996	1228996	1229010	-	5	15	TTG	TGA	0	0
mORF_-_1229011	1229011	1229025	-	5	15	TTG	TAG	0	0
mORF_-_1229041	1229041	1229085	-	5	45	ATG	TAA	0	0
mORF_-_1229107	1229107	1229148	-	5	42	ATG	TAG	0	0
mORF_-_1229209	1229209	1229235	-	5	27	ATG	TAA	0	0
mORF_-_1229236	1229236	1229388	-	5	153	TTG	TGA	0	0
mORF_-_1229313	1229313	1229363	-	4	51	ATG	TGA	0	0
mORF_-_1229485	1229485	1229499	-	5	15	TTG	TAA	0	0
mORF_-_1229545	1229545	1229556	-	5	12	ATG	TAG	0	0
mORF_-_1229587	1229587	1229604	-	5	18	TTG	TAG	0	0
mORF_-_1229664	1229664	1229669	-	4	6	TTG	TAA	0	0
mORF_-_1229683	1229683	1229691	-	5	9	ATG	TAA	0	0
mORF_-_1229692	1229692	1229757	-	5	66	TTG	TAG	0	0
mORF_-_1229754	1229754	1229864	-	4	111	GTG	TGA	0	0
mORF_-_1229794	1229794	1229856	-	5	63	GTG	TAG	0	0
mORF_-_1229819	1229819	1229905	-	6	87	TTG	TGA	0	0
mORF_-_1229922	1229922	1229942	-	4	21	TTG	TGA	0	0
mORF_-_1229950	1229950	1230003	-	5	54	TTG	TAG	0	0
mORF_-_1230042	1230042	1230074	-	4	33	GTG	TAA	0	0
mORF_-_1230071	1230071	1230130	-	6	60	ATG	TGA	0	0
mORF_-_1230085	1230085	1230102	-	5	18	ATG	TAA	0	0
mORF_-_1230142	1230142	1230345	-	5	204	ATG	TAA	0	0
mORF_-_1230150	1230150	1230158	-	4	9	TTG	TGA	0	0
mORF_-_1230200	1230200	1230289	-	6	90	TTG	TAA	0	0
mORF_-_1230290	1230290	1230388	-	6	99	GTG	TAG	0	0
mORF_-_1230438	1230438	1230626	-	4	189	TTG	TAA	0	0
mORF_-_1230496	1230496	1230582	-	5	87	TTG	TAG	0	0
mORF_-_1230518	1230518	1230541	-	6	24	TTG	TAA	0	0
mORF_-_1230617	1230617	1230784	-	6	168	TTG	TAA	0	0
mORF_-_1230636	1230636	1230653	-	4	18	TTG	TAA	0	0
mORF_-_1230699	1230699	1230857	-	4	159	TTG	TAA	0	0
mORF_-_1230790	1230790	1230861	-	5	72	ATG	TAG	0	0
mORF_-_1230845	1230845	1230910	-	6	66	TTG	TAG	0	0
mORF_-_1230858	1230858	1231181	-	4	324	GTG	TGA	0	0
mORF_-_1230931	1230931	1231257	-	5	327	TTG	TAA	0	0
mORF_-_1231061	1231061	1231132	-	6	72	GTG	TAA	0	0
mORF_-_1231185	1231185	1231208	-	4	24	ATG	TAA	0	0
mORF_-_1231254	1231254	1231307	-	4	54	TTG	TGA	0	0
mORF_-_1231283	1231283	1231297	-	6	15	ATG	TAA	0	0
mORF_-_1231291	1231291	1231431	-	5	141	TTG	TGA	0	0
mORF_-_1231317	1231317	1231355	-	4	39	GTG	TAA	0	0
mORF_-_1231356	1231356	1231406	-	4	51	ATG	TGA	0	0
mORF_-_1231464	1231464	1231499	-	4	36	TTG	TGA	0	0

mORF_-_1231481	1231481	1231546	-	6	66	GTG	TGA	0	0	
mORF_-_1231486	1231486	1231605	-	5	120	TTG	TAA	0	0	
mORF_-_1231553	1231553	1231645	-	6	93	TTG	TAG	0	0	
mORF_-_1231575	1231575	1231625	-	4	51	ATG	TAG	0	0	
mORF_-_1231638	1231638	1231742	-	4	105	GTG	TAA	0	0	
mORF_-_1231723	1231723	1232259	-	5	537	ATG	TAA	0	0	
mORF_-_1231754	1231754	1231900	-	6	147	GTG	TAA	0	0	
mORF_-_1231770	1231770	1231790	-	4	21	TTG	TGA	0	0	
mORF_-_1231839	1231839	1231952	-	4	114	TTG	TAG	0	0	
mORF_-_1231901	1231901	1231918	-	6	18	ATG	TAA	0	0	
mORF_-_1231992	1231992	1232015	-	4	24	GTG	TAA	0	0	
mORF_-_1232037	1232037	1232075	-	4	39	TTG	TAG	0	0	
mORF_-_1232076	1232076	1232117	-	4	42	ATG	TGA	0	0	
mORF_-_1232114	1232114	1232314	-	6	201	GTG	TGA	2	5	pORF_-_1232114
mORF_-_1232148	1232148	1232153	-	4	6	ATG	TGA	0	0	
mORF_-_1232256	1232256	1232276	-	4	21	ATG	TGA	0	0	
mORF_-_1232289	1232289	1232348	-	4	60	TTG	TAA	0	0	
mORF_-_1232299	1232299	1232376	-	5	78	ATG	TGA	0	0	
mORF_-_1232349	1232349	1232516	-	4	168	GTG	TAA	0	0	
mORF_-_1232399	1232399	1233994	-	6	1596	TTG	TGA	2	4	pORF_-_1232399
mORF_-_1232440	1232440	1232451	-	5	12	TTG	TAA	0	0	
mORF_-_1232485	1232485	1232529	-	5	45	ATG	TGA	0	0	
mORF_-_1232659	1232659	1232805	-	5	147	TTG	TGA	0	0	
mORF_-_1232869	1232869	1232934	-	5	66	GTG	TGA	0	0	
mORF_-_1232938	1232938	1232973	-	5	36	TTG	TGA	0	0	
mORF_-_1232974	1232974	1232982	-	5	9	TTG	TGA	0	0	
mORF_-_1233010	1233010	1233042	-	5	33	TTG	TGA	0	0	
mORF_-_1233043	1233043	1233144	-	5	102	TTG	TGA	0	0	
mORF_-_1233132	1233132	1233188	-	4	57	TTG	TGA	0	0	
mORF_-_1233175	1233175	1233186	-	5	12	GTG	TAA	0	0	
mORF_-_1233205	1233205	1233237	-	5	33	TTG	TGA	0	0	
mORF_-_1233304	1233304	1233327	-	5	24	ATG	TAG	0	0	
mORF_-_1233334	1233334	1233354	-	5	21	GTG	TGA	0	0	
mORF_-_1233396	1233396	1233539	-	4	144	TTG	TAG	0	0	
mORF_-_1233436	1233436	1233471	-	5	36	TTG	TAG	0	0	
mORF_-_1233496	1233496	1233504	-	5	9	ATG	TAA	0	0	
mORF_-_1233643	1233643	1233684	-	5	42	GTG	TGA	0	0	
mORF_-_1233681	1233681	1233914	-	4	234	ATG	TGA	0	0	
mORF_-_1233703	1233703	1233741	-	5	39	GTG	TGA	0	0	
mORF_-_1233957	1233957	1233962	-	4	6	TTG	TAA	0	0	
mORF_-_1233985	1233985	1234023	-	5	39	TTG	TAA	0	0	
mORF_-_1234005	1234005	1234037	-	4	33	TTG	TGA	0	0	
mORF_-_1234034	1234034	1234129	-	6	96	TTG	TGA	0	0	
mORF_-_1234104	1234104	1234178	-	4	75	TTG	TAA	0	0	
mORF_-_1234145	1234145	1234348	-	6	204	ATG	TAA	0	0	
mORF_-_1234297	1234297	1234416	-	5	120	GTG	TAG	0	0	
mORF_-_1234314	1234314	1234355	-	4	42	ATG	TAA	0	0	
mORF_-_1234349	1234349	1234360	-	6	12	TTG	TGA	0	0	
mORF_-_1234398	1234398	1234832	-	4	435	GTG	TAA	0	0	
mORF_-_1234430	1234430	1234504	-	6	75	GTG	TGA	0	0	
mORF_-_1234595	1234595	1234633	-	6	39	TTG	TAA	0	0	
mORF_-_1234694	1234694	1234705	-	6	12	TTG	TAG	0	0	
mORF_-_1234736	1234736	1234744	-	6	9	TTG	TAG	0	0	
mORF_-_1234802	1234802	1234867	-	6	66	ATG	TAG	0	0	
mORF_-_1234860	1234860	1234910	-	4	51	TTG	TAA	0	0	
mORF_-_1234891	1234891	1234959	-	5	69	TTG	TAA	0	0	
mORF_-_1234932	1234932	1236464	-	4	1533	ATG	TAA	9	40	pORF_-_1234932
mORF_-_1235006	1235006	1235035	-	6	30	ATG	TGA	0	0	
mORF_-_1235011	1235011	1235022	-	5	12	GTG	TGA	0	0	
mORF_-_1235159	1235159	1235281	-	6	123	GTG	TAA	0	0	
mORF_-_1235285	1235285	1235515	-	6	231	ATG	TGA	0	0	
mORF_-_1235332	1235332	1235421	-	5	90	TTG	TGA	0	0	
mORF_-_1235428	1235428	1235484	-	5	57	GTG	TAA	0	0	

mORF_-_1235555	1235555	1235572	-	6	18	ATG	TAA	0	0	
mORF_-_1235660	1235660	1235779	-	6	120	TTG	TGA	0	0	
mORF_-_1235686	1235686	1235697	-	5	12	ATG	TGA	0	0	
mORF_-_1235773	1235773	1235940	-	5	168	GTG	TGA	0	0	
mORF_-_1235957	1235957	1236010	-	6	54	TTG	TAG	0	0	
mORF_-_1235965	1235965	1235988	-	5	24	GTG	TGA	0	0	
mORF_-_1236014	1236014	1236100	-	6	87	ATG	TGA	0	0	
mORF_-_1236082	1236082	1236159	-	5	78	GTG	TAA	0	0	
mORF_-_1236143	1236143	1236292	-	6	150	ATG	TGA	0	0	
mORF_-_1236314	1236314	1236322	-	6	9	TTG	TGA	0	0	
mORF_-_1236368	1236368	1236418	-	6	51	ATG	TAG	0	0	
mORF_-_1236439	1236439	1236519	-	5	81	ATG	TAA	0	0	
mORF_-_1236443	1236443	1236505	-	6	63	GTG	TGA	0	0	
mORF_-_1236507	1236507	1236515	-	4	9	TTG	TGA	0	0	
mORF_-_1236512	1236512	1236526	-	6	15	GTG	TGA	0	0	
mORF_-_1236578	1236578	1236589	-	6	12	GTG	TGA	0	0	
mORF_-_1236612	1236612	1236659	-	4	48	ATG	TAA	0	0	
mORF_-_1236634	1236634	1236741	-	5	108	TTG	TGA	0	0	
mORF_-_1236672	1236672	1236698	-	4	27	ATG	TGA	0	0	
mORF_-_1236757	1236757	1236807	-	5	51	ATG	TAA	0	0	
mORF_-_1236848	1236848	1236931	-	6	84	TTG	TAA	0	0	
mORF_-_1236853	1236853	1237086	-	5	234	GTG	TGA	1	2	pORF_-_1236853
mORF_-_1236876	1236876	1236965	-	4	90	GTG	TGA	0	0	
mORF_-_1236977	1236977	1237066	-	6	90	TTG	TAA	0	0	
mORF_-_1236987	1236987	1237157	-	4	171	ATG	TAA	0	0	
mORF_-_1237070	1237070	1237345	-	6	276	GTG	TAA	0	0	
mORF_-_1237093	1237093	1237173	-	5	81	TTG	TAG	0	0	
mORF_-_1237285	1237285	1237374	-	5	90	TTG	TGA	0	0	
mORF_-_1237397	1237397	1237930	-	6	534	GTG	TAG	0	0	
mORF_-_1237558	1237558	1237584	-	5	27	ATG	TAA	0	0	
mORF_-_1237575	1237575	1237634	-	4	60	TTG	TGA	0	0	
mORF_-_1237615	1237615	1237668	-	5	54	ATG	TAG	0	0	
mORF_-_1237681	1237681	1237716	-	5	36	ATG	TAG	0	0	
mORF_-_1237749	1237749	1237898	-	4	150	GTG	TAA	0	0	
mORF_-_1237822	1237822	1237878	-	5	57	GTG	TGA	0	0	
mORF_-_1237902	1237902	1238012	-	4	111	ATG	TAA	0	0	
mORF_-_1237927	1237927	1237935	-	5	9	GTG	TGA	0	0	
mORF_-_1237966	1237966	1237998	-	5	33	GTG	TGA	0	0	
mORF_-_1238049	1238049	1238273	-	4	225	ATG	TAA	0	0	
mORF_-_1238057	1238057	1238071	-	6	15	ATG	TGA	0	0	
mORF_-_1238072	1238072	1238086	-	6	15	GTG	TAA	0	0	
mORF_-_1238089	1238089	1238160	-	5	72	ATG	TAG	0	0	
mORF_-_1238141	1238141	1238224	-	6	84	ATG	TAA	0	0	
mORF_-_1238215	1238215	1238259	-	5	45	GTG	TAA	0	0	
mORF_-_1238277	1238277	1238294	-	4	18	TTG	TAA	0	0	
mORF_-_1238300	1238300	1238431	-	6	132	TTG	TAA	0	0	
mORF_-_1238371	1238371	1238421	-	5	51	TTG	TAA	0	0	
mORF_-_1238418	1238418	1238450	-	4	33	GTG	TGA	0	0	
mORF_-_1238441	1238441	1238707	-	6	267	ATG	TAG	0	0	
mORF_-_1238461	1238461	1238730	-	5	270	ATG	TAA	0	0	
mORF_-_1238517	1238517	1238543	-	4	27	TTG	TAA	0	0	
mORF_-_1238758	1238758	1238778	-	5	21	TTG	TGA	0	0	
mORF_-_1238834	1238834	1238938	-	6	105	GTG	TAG	0	0	
mORF_-_1238869	1238869	1238901	-	5	33	ATG	TAG	0	0	
mORF_-_1238926	1238926	1239084	-	5	159	TTG	TAA	0	0	
mORF_-_1239081	1239081	1239242	-	4	162	TTG	TGA	0	0	
mORF_-_1239121	1239121	1239198	-	5	78	TTG	TAG	0	0	
mORF_-_1239146	1239146	1239223	-	6	78	ATG	TAG	0	0	
mORF_-_1239220	1239220	1239327	-	5	108	GTG	TGA	0	0	
mORF_-_1239252	1239252	1239269	-	4	18	ATG	TAA	0	0	
mORF_-_1239324	1239324	1239332	-	4	9	GTG	TGA	0	0	
mORF_-_1239340	1239340	1239363	-	5	24	ATG	TAG	0	0	
mORF_-_1239360	1239360	1239395	-	4	36	GTG	TGA	0	0	

mORF_-_1239392	1239392	1239457	-	6	66	TTG	TGA	0	0	
mORF_-_1239399	1239399	1239422	-	4	24	ATG	TAA	0	0	
mORF_-_1239454	1239454	1239468	-	5	15	TTG	TGA	0	0	
mORF_-_1239465	1239465	1239533	-	4	69	TTG	TGA	0	0	
mORF_-_1239476	1239476	1239493	-	6	18	TTG	TAA	0	0	
mORF_-_1239506	1239506	1239595	-	6	90	TTG	TGA	0	0	
mORF_-_1239517	1239517	1239552	-	5	36	ATG	TGA	0	0	
mORF_-_1239558	1239558	1241294	-	4	1737	TTG	TAA	1	2	pORF_-_1239558
mORF_-_1239599	1239599	1239610	-	6	12	ATG	TGA	0	0	
mORF_-_1239638	1239638	1239649	-	6	12	TTG	TGA	0	0	
mORF_-_1239653	1239653	1239670	-	6	18	TTG	TAG	0	0	
mORF_-_1239683	1239683	1239754	-	6	72	ATG	TAG	0	0	
mORF_-_1239758	1239758	1239886	-	6	129	TTG	TGA	0	0	
mORF_-_1239853	1239853	1239894	-	5	42	GTG	TAA	0	0	
mORF_-_1239887	1239887	1240030	-	6	144	GTG	TAA	0	0	
mORF_-_1239949	1239949	1240020	-	5	72	ATG	TGA	0	0	
mORF_-_1240021	1240021	1240056	-	5	36	GTG	TAA	0	0	
mORF_-_1240031	1240031	1240216	-	6	186	ATG	TGA	0	0	
mORF_-_1240132	1240132	1240143	-	5	12	GTG	TAA	0	0	
mORF_-_1240277	1240277	1240339	-	6	63	TTG	TAG	0	0	
mORF_-_1240300	1240300	1240374	-	5	75	ATG	TGA	0	0	
mORF_-_1240367	1240367	1240402	-	6	36	TTG	TGA	0	0	
mORF_-_1240522	1240522	1240542	-	5	21	GTG	TAA	0	0	
mORF_-_1240595	1240595	1240609	-	6	15	GTG	TGA	0	0	
mORF_-_1240658	1240658	1240687	-	6	30	TTG	TGA	0	0	
mORF_-_1240694	1240694	1240759	-	6	66	ATG	TAA	0	0	
mORF_-_1240769	1240769	1240777	-	6	9	TTG	TGA	0	0	
mORF_-_1240790	1240790	1240897	-	6	108	ATG	TGA	0	0	
mORF_-_1240922	1240922	1240936	-	6	15	TTG	TAA	0	0	
mORF_-_1240937	1240937	1240945	-	6	9	TTG	TGA	0	0	
mORF_-_1240948	1240948	1240959	-	5	12	GTG	TAA	0	0	
mORF_-_1241027	1241027	1241038	-	6	12	GTG	TAG	0	0	
mORF_-_1241102	1241102	1241248	-	6	147	TTG	TAA	0	0	
mORF_-_1241276	1241276	1241290	-	6	15	ATG	TAA	0	0	
mORF_-_1241324	1241324	1241341	-	6	18	ATG	TAA	0	0	
mORF_-_1241389	1241389	1242303	-	5	915	ATG	TAA	12	23	pORF_-_1241389
mORF_-_1241448	1241448	1241729	-	4	282	TTG	TGA	0	0	
mORF_-_1241726	1241726	1241830	-	6	105	ATG	TGA	0	0	
mORF_-_1241763	1241763	1241849	-	4	87	ATG	TGA	0	0	
mORF_-_1241889	1241889	1241906	-	4	18	TTG	TGA	0	0	
mORF_-_1241913	1241913	1242071	-	4	159	GTG	TAG	0	0	
mORF_-_1241930	1241930	1241968	-	6	39	GTG	TAG	0	0	
mORF_-_1241987	1241987	1241998	-	6	12	TTG	TAG	0	0	
mORF_-_1242114	1242114	1242284	-	4	171	TTG	TGA	0	0	
mORF_-_1242173	1242173	1242178	-	6	6	TTG	TGA	0	0	
mORF_-_1242260	1242260	1242367	-	6	108	GTG	TAA	0	0	
mORF_-_1242285	1242285	1242308	-	4	24	TTG	TAA	0	0	
mORF_-_1242364	1242364	1242372	-	5	9	TTG	TGA	0	0	
mORF_-_1242386	1242386	1242565	-	6	180	GTG	TAG	0	0	
mORF_-_1242454	1242454	1242567	-	5	114	TTG	TGA	0	0	
mORF_-_1242465	1242465	1242635	-	4	171	ATG	TAG	0	0	
mORF_-_1242587	1242587	1242838	-	6	252	ATG	TAG	0	0	
mORF_-_1242745	1242745	1242819	-	5	75	TTG	TGA	0	0	
mORF_-_1242759	1242759	1242908	-	4	150	TTG	TAA	0	0	
mORF_-_1242877	1242877	1242954	-	5	78	GTG	TGA	0	0	
mORF_-_1242905	1242905	1243000	-	6	96	GTG	TGA	0	0	
mORF_-_1242981	1242981	1242986	-	4	6	TTG	TAG	0	0	
mORF_-_1243016	1243016	1243750	-	6	735	GTG	TGA	7	23	pORF_-_1243016
mORF_-_1243123	1243123	1243161	-	5	39	TTG	TGA	0	0	
mORF_-_1243186	1243186	1243236	-	5	51	TTG	TAA	0	0	
mORF_-_1243197	1243197	1243217	-	4	21	ATG	TGA	0	0	
mORF_-_1243306	1243306	1243515	-	5	210	GTG	TAG	0	0	
mORF_-_1243344	1243344	1243427	-	4	84	ATG	TAA	0	0	

mORF_-_1243602	1243602	1243652	-	4	51	TTG	TAA	0	0	
mORF_-_1243633	1243633	1243647	-	5	15	ATG	TGA	0	0	
mORF_-_1243723	1243723	1243737	-	5	15	ATG	TGA	0	0	
mORF_-_1243734	1243734	1243805	-	4	72	TTG	TGA	0	0	
mORF_-_1243747	1243747	1243773	-	5	27	TTG	TGA	0	0	
mORF_-_1243799	1243799	1243861	-	6	63	ATG	TAA	0	0	
mORF_-_1243809	1243809	1243817	-	4	9	TTG	TAA	0	0	
mORF_-_1243833	1243833	1243838	-	4	6	ATG	TAA	0	0	
mORF_-_1243846	1243846	1243872	-	5	27	ATG	TAA	0	0	
mORF_-_1243894	1243894	1243932	-	5	39	ATG	TAA	0	0	
mORF_-_1243929	1243929	1244180	-	4	252	ATG	TGA	0	0	
mORF_-_1244005	1244005	1244274	-	5	270	GTG	TAG	0	0	
mORF_-_1244250	1244250	1244255	-	4	6	ATG	TGA	0	0	
mORF_-_1244255	1244255	1244344	-	6	90	TTG	TGA	0	0	
mORF_-_1244296	1244296	1244307	-	5	12	GTG	TGA	0	0	
mORF_-_1244388	1244388	1244489	-	4	102	TTG	TGA	0	0	
mORF_-_1244419	1244419	1244475	-	5	57	ATG	TGA	0	0	
mORF_-_1244486	1244486	1244527	-	6	42	TTG	TGA	0	0	
mORF_-_1244503	1244503	1244511	-	5	9	TTG	TAA	0	0	
mORF_-_1244598	1244598	1244660	-	4	63	TTG	TAA	0	0	
mORF_-_1244609	1244609	1244731	-	6	123	GTG	TAA	0	0	
mORF_-_1244614	1244614	1244652	-	5	39	GTG	TAA	0	0	
mORF_-_1244664	1244664	1244762	-	4	99	TTG	TGA	0	0	
mORF_-_1244683	1244683	1244787	-	5	105	TTG	TAA	0	0	
mORF_-_1244750	1244750	1244863	-	6	114	ATG	TAG	0	0	
mORF_-_1244844	1244844	1244984	-	4	141	GTG	TAA	0	0	
mORF_-_1244902	1244902	1246602	-	5	1701	TTG	TAA	30	133	pORF_-_1244902
mORF_-_1244981	1244981	1244986	-	6	6	GTG	TGA	0	0	
mORF_-_1245027	1245027	1245152	-	4	126	ATG	TGA	0	0	
mORF_-_1245156	1245156	1245272	-	4	117	GTG	TGA	0	0	
mORF_-_1245170	1245170	1245262	-	6	93	ATG	TAG	0	0	
mORF_-_1245291	1245291	1245365	-	4	75	ATG	TGA	0	0	
mORF_-_1245413	1245413	1245463	-	6	51	GTG	TAA	0	0	
mORF_-_1245423	1245423	1245494	-	4	72	ATG	TGA	0	0	
mORF_-_1245627	1245627	1245887	-	4	261	ATG	TAA	0	0	
mORF_-_1245707	1245707	1245760	-	6	54	ATG	TGA	0	0	
mORF_-_1245918	1245918	1245938	-	4	21	ATG	TGA	0	0	
mORF_-_1245960	1245960	1245968	-	4	9	TTG	TGA	0	0	
mORF_-_1246035	1246035	1246097	-	4	63	TTG	TAG	0	0	
mORF_-_1246073	1246073	1246234	-	6	162	TTG	TAA	0	0	
mORF_-_1246101	1246101	1246163	-	4	63	ATG	TAG	0	0	
mORF_-_1246221	1246221	1246373	-	4	153	TTG	TAA	0	0	
mORF_-_1246380	1246380	1246454	-	4	75	ATG	TGA	0	0	
mORF_-_1246478	1246478	1246606	-	6	129	ATG	TGA	0	0	
mORF_-_1246603	1246603	1246641	-	5	39	TTG	TGA	0	0	
mORF_-_1246660	1246660	1246713	-	5	54	ATG	TGA	0	0	
mORF_-_1246671	1246671	1246694	-	4	24	ATG	TAG	0	0	
mORF_-_1246728	1246728	1246763	-	4	36	TTG	TAA	0	0	
mORF_-_1246778	1246778	1246864	-	6	87	ATG	TAA	0	0	
mORF_-_1246807	1246807	1246827	-	5	21	ATG	TAA	0	0	
mORF_-_1246854	1246854	1246892	-	4	39	ATG	TAA	0	0	
mORF_-_1246892	1246892	1246906	-	6	15	ATG	TGA	0	0	
mORF_-_1246919	1246919	1248343	-	6	1425	TTG	TAA	27	106	pORF_-_1246919
mORF_-_1246960	1246960	1247031	-	5	72	GTG	TAA	0	0	
mORF_-_1246995	1246995	1247009	-	4	15	TTG	TGA	0	0	
mORF_-_1247086	1247086	1247091	-	5	6	TTG	TAA	0	0	
mORF_-_1247188	1247188	1247370	-	5	183	ATG	TGA	0	0	
mORF_-_1247286	1247286	1247321	-	4	36	TTG	TAA	0	0	
mORF_-_1247371	1247371	1247415	-	5	45	TTG	TAG	0	0	
mORF_-_1247455	1247455	1247472	-	5	18	TTG	TAG	0	0	
mORF_-_1247469	1247469	1247537	-	4	69	ATG	TGA	0	0	
mORF_-_1247509	1247509	1247622	-	5	114	TTG	TGA	0	0	
mORF_-_1247653	1247653	1247685	-	5	33	TTG	TGA	0	0	

mORF_-_1247686	1247686	1247832	-	5	147	ATG	TGA	0	0	
mORF_-_1247733	1247733	1247756	-	4	24	ATG	TAA	0	0	
mORF_-_1247851	1247851	1248108	-	5	258	GTG	TAA	0	0	
mORF_-_1247880	1247880	1247897	-	4	18	ATG	TGA	0	0	
mORF_-_1247970	1247970	1248053	-	4	84	GTG	TGA	0	0	
mORF_-_1248133	1248133	1248162	-	5	30	TTG	TGA	0	0	
mORF_-_1248181	1248181	1248258	-	5	78	GTG	TGA	0	0	
mORF_-_1248246	1248246	1248251	-	4	6	TTG	TAA	0	0	
mORF_-_1248277	1248277	1248291	-	5	15	GTG	TAG	0	0	
mORF_-_1248348	1248348	1249058	-	4	711	TTG	TAA	22	151	pORF_-_1248348
mORF_-_1248389	1248389	1248589	-	6	201	GTG	TGA	0	0	
mORF_-_1248502	1248502	1248582	-	5	81	GTG	TAG	0	0	
mORF_-_1248586	1248586	1248591	-	5	6	GTG	TGA	0	0	
mORF_-_1248629	1248629	1248646	-	6	18	ATG	TAA	0	0	
mORF_-_1248677	1248677	1248751	-	6	75	GTG	TGA	0	0	
mORF_-_1248860	1248860	1248958	-	6	99	TTG	TAA	0	0	
mORF_-_1248871	1248871	1248939	-	5	69	TTG	TGA	0	0	
mORF_-_1248991	1248991	1250091	-	5	1101	ATG	TAA	19	201	pORF_-_1248991
mORF_-_1249086	1249086	1249115	-	4	30	TTG	TGA	0	0	
mORF_-_1249121	1249121	1249153	-	6	33	TTG	TAA	0	0	
mORF_-_1249161	1249161	1249226	-	4	66	TTG	TGA	0	0	
mORF_-_1249214	1249214	1249279	-	6	66	TTG	TAA	0	0	
mORF_-_1249227	1249227	1249328	-	4	102	ATG	TGA	0	0	
mORF_-_1249329	1249329	1249487	-	4	159	GTG	TAA	0	0	
mORF_-_1249521	1249521	1249565	-	4	45	GTG	TGA	0	0	
mORF_-_1249581	1249581	1249595	-	4	15	TTG	TAG	0	0	
mORF_-_1249596	1249596	1249613	-	4	18	TTG	TAA	0	0	
mORF_-_1249647	1249647	1249667	-	4	21	TTG	TAA	0	0	
mORF_-_1249686	1249686	1249724	-	4	39	TTG	TAA	0	0	
mORF_-_1249758	1249758	1249961	-	4	204	ATG	TGA	0	0	
mORF_-_1249781	1249781	1249798	-	6	18	ATG	TGA	0	0	
mORF_-_1249983	1249983	1250045	-	4	63	ATG	TGA	0	0	
mORF_-_1250042	1250042	1250077	-	6	36	TTG	TGA	0	0	
mORF_-_1250061	1250061	1250138	-	4	78	ATG	TAA	0	0	
mORF_-_1250078	1250078	1250152	-	6	75	TTG	TAA	0	0	
mORF_-_1250101	1250101	1250145	-	5	45	ATG	TGA	0	0	
mORF_-_1250165	1250165	1250185	-	6	21	ATG	TAA	0	0	
mORF_-_1250175	1250175	1250264	-	4	90	GTG	TAA	0	0	
mORF_-_1250236	1250236	1250274	-	5	39	ATG	TAA	0	0	
mORF_-_1250243	1250243	1250359	-	6	117	TTG	TAA	0	0	
mORF_-_1250302	1250302	1250415	-	5	114	ATG	TAA	0	0	
mORF_-_1250331	1250331	1250564	-	4	234	TTG	TAA	0	0	
mORF_-_1250422	1250422	1250496	-	5	75	GTG	TAG	0	0	
mORF_-_1250426	1250426	1250605	-	6	180	GTG	TAA	0	0	
mORF_-_1250542	1250542	1250586	-	5	45	GTG	TGA	0	0	
mORF_-_1250646	1250646	1250795	-	4	150	TTG	TAA	0	0	
mORF_-_1250687	1250687	1250749	-	6	63	TTG	TGA	0	0	
mORF_-_1250695	1250695	1250769	-	5	75	TTG	TGA	0	0	
mORF_-_1250797	1250797	1250829	-	5	33	TTG	TAG	0	0	
mORF_-_1250850	1250850	1250891	-	4	42	ATG	TAA	0	0	
mORF_-_1250892	1250892	1250900	-	4	9	TTG	TAA	0	0	
mORF_-_1250913	1250913	1250966	-	4	54	TTG	TAA	0	0	
mORF_-_1250971	1250971	1251030	-	5	60	TTG	TAA	0	0	
mORF_-_1251017	1251017	1251094	-	6	78	TTG	TGA	0	0	
mORF_-_1251031	1251031	1251084	-	5	54	GTG	TGA	0	0	
mORF_-_1251048	1251048	1251236	-	4	189	TTG	TAA	0	0	
mORF_-_1251091	1251091	1251108	-	5	18	TTG	TGA	0	0	
mORF_-_1251237	1251237	1251305	-	4	69	ATG	TAA	0	0	
mORF_-_1251247	1251247	1251390	-	5	144	TTG	TGA	0	0	
mORF_-_1251302	1251302	1251370	-	6	69	TTG	TGA	0	0	
mORF_-_1251378	1251378	1251395	-	4	18	ATG	TAG	0	0	
mORF_-_1251422	1251422	1251544	-	6	123	GTG	TAA	0	0	
mORF_-_1251444	1251444	1251536	-	4	93	GTG	TAA	0	0	

mORF_-_1251475	1251475	1251534	-	5	60	GTG	TAA	0	0	
mORF_-_1251599	1251599	1251664	-	6	66	TTG	TGA	0	0	
mORF_-_1251622	1251622	1251654	-	5	33	TTG	TGA	0	0	
mORF_-_1251645	1251645	1251746	-	4	102	ATG	TAA	0	0	
mORF_-_1251661	1251661	1251696	-	5	36	TTG	TGA	0	0	
mORF_-_1251718	1251718	1251750	-	5	33	ATG	TAA	0	0	
mORF_-_1251734	1251734	1251904	-	6	171	TTG	TAA	0	0	
mORF_-_1251816	1251816	1251989	-	4	174	ATG	TAA	0	0	
mORF_-_1251841	1251841	1251894	-	5	54	ATG	TAG	0	0	
mORF_-_1251917	1251917	1252108	-	6	192	ATG	TAA	0	0	
mORF_-_1252018	1252018	1252074	-	5	57	TTG	TGA	0	0	
mORF_-_1252109	1252109	1252177	-	6	69	ATG	TGA	0	0	
mORF_-_1252125	1252125	1252172	-	4	48	ATG	TAA	0	0	
mORF_-_1252192	1252192	1252281	-	5	90	ATG	TAA	0	0	
mORF_-_1252233	1252233	1252271	-	4	39	TTG	TGA	0	0	
mORF_-_1252265	1252265	1252441	-	6	177	ATG	TAG	0	0	
mORF_-_1252275	1252275	1252307	-	4	33	GTG	TGA	0	0	
mORF_-_1252308	1252308	1255175	-	4	2868	ATG	TAA	1	0	pORF_-_1252308
mORF_-_1252523	1252523	1252534	-	6	12	ATG	TGA	0	0	
mORF_-_1252535	1252535	1252564	-	6	30	ATG	TGA	0	0	
mORF_-_1252574	1252574	1252585	-	6	12	GTG	TGA	0	0	
mORF_-_1252610	1252610	1252630	-	6	21	ATG	TGA	0	0	
mORF_-_1252646	1252646	1252654	-	6	9	ATG	TGA	0	0	
mORF_-_1252688	1252688	1252702	-	6	15	ATG	TAG	0	0	
mORF_-_1252751	1252751	1252759	-	6	9	ATG	TGA	0	0	
mORF_-_1252835	1252835	1252969	-	6	135	ATG	TAA	0	0	
mORF_-_1252979	1252979	1253035	-	6	57	TTG	TAA	0	0	
mORF_-_1253042	1253042	1253128	-	6	87	GTG	TGA	0	0	
mORF_-_1253141	1253141	1253161	-	6	21	ATG	TGA	0	0	
mORF_-_1253165	1253165	1253203	-	6	39	ATG	TGA	0	0	
mORF_-_1253261	1253261	1253389	-	6	129	TTG	TAG	0	0	
mORF_-_1253441	1253441	1253509	-	6	69	GTG	TGA	0	0	
mORF_-_1253525	1253525	1253578	-	6	54	GTG	TGA	0	0	
mORF_-_1253618	1253618	1253659	-	6	42	TTG	TAA	0	0	
mORF_-_1253732	1253732	1253764	-	6	33	ATG	TGA	0	0	
mORF_-_1253764	1253764	1253790	-	5	27	TTG	TAA	0	0	
mORF_-_1253819	1253819	1253902	-	6	84	ATG	TAA	0	0	
mORF_-_1253936	1253936	1253944	-	6	9	TTG	TGA	0	0	
mORF_-_1253981	1253981	1253989	-	6	9	ATG	TGA	0	0	
mORF_-_1254038	1254038	1254154	-	6	117	ATG	TAA	0	0	
mORF_-_1254043	1254043	1254063	-	5	21	GTG	TAG	0	0	
mORF_-_1254209	1254209	1254310	-	6	102	ATG	TAA	0	0	
mORF_-_1254326	1254326	1254430	-	6	105	TTG	TAA	0	0	
mORF_-_1254449	1254449	1254478	-	6	30	ATG	TAA	0	0	
mORF_-_1254485	1254485	1254616	-	6	132	ATG	TGA	0	0	
mORF_-_1254629	1254629	1254649	-	6	21	TTG	TAG	0	0	
mORF_-_1254668	1254668	1254703	-	6	36	ATG	TAA	0	0	
mORF_-_1254731	1254731	1254757	-	6	27	TTG	TAG	0	0	
mORF_-_1254758	1254758	1254796	-	6	39	ATG	TAA	0	0	
mORF_-_1254818	1254818	1254895	-	6	78	ATG	TGA	0	0	
mORF_-_1254938	1254938	1255018	-	6	81	ATG	TAA	0	0	
mORF_-_1255043	1255043	1255069	-	6	27	ATG	TGA	0	0	
mORF_-_1255070	1255070	1255087	-	6	18	TTG	TGA	0	0	
mORF_-_1255121	1255121	1255180	-	6	60	GTG	TAA	0	0	
mORF_-_1255199	1255199	1255333	-	6	135	GTG	TAG	0	0	
mORF_-_1255228	1255228	1255278	-	5	51	TTG	TAA	0	0	
mORF_-_1255339	1255339	1255356	-	5	18	ATG	TAA	0	0	
mORF_-_1255362	1255362	1255367	-	4	6	TTG	TAA	0	0	
mORF_-_1255408	1255408	1255416	-	5	9	TTG	TAA	0	0	
mORF_-_1255424	1255424	1255438	-	6	15	TTG	TAG	0	0	
mORF_-_1255444	1255444	1255452	-	5	9	TTG	TAA	0	0	
mORF_-_1255498	1255498	1255596	-	5	99	ATG	TAA	0	0	
mORF_-_1255502	1255502	1255606	-	6	105	TTG	TAA	0	0	

mORF_-_1255563	1255563	1255586	-	4	24	ATG	TAG	0	0	
mORF_-_1255603	1255603	1255683	-	5	81	TTG	TGA	0	0	
mORF_-_1255653	1255653	1255667	-	4	15	ATG	TGA	0	0	
mORF_-_1255680	1255680	1255724	-	4	45	TTG	TGA	0	0	
mORF_-_1255734	1255734	1255763	-	4	30	ATG	TAA	0	0	
mORF_-_1255745	1255745	1255771	-	6	27	GTG	TAG	0	0	
mORF_-_1255780	1255780	1255818	-	5	39	TTG	TAA	0	0	
mORF_-_1255784	1255784	1255870	-	6	87	GTG	TAA	0	0	
mORF_-_1255800	1255800	1255874	-	4	75	TTG	TAG	0	0	
mORF_-_1255831	1255831	1255836	-	5	6	TTG	TAA	0	0	
mORF_-_1255843	1255843	1255935	-	5	93	TTG	TAA	0	0	
mORF_-_1255914	1255914	1255928	-	4	15	ATG	TAA	0	0	
mORF_-_1255944	1255944	1257035	-	4	1092	ATG	TAA	77	1268	pORF_-_1255944
mORF_-_1255967	1255967	1255978	-	6	12	ATG	TGA	0	0	
mORF_-_1255982	1255982	1256164	-	6	183	GTG	TGA	0	0	
mORF_-_1256104	1256104	1256160	-	5	57	ATG	TGA	0	0	
mORF_-_1256204	1256204	1256224	-	6	21	GTG	TGA	0	0	
mORF_-_1256228	1256228	1256233	-	6	6	GTG	TGA	0	0	
mORF_-_1256237	1256237	1256398	-	6	162	TTG	TGA	0	0	
mORF_-_1256314	1256314	1256328	-	5	15	TTG	TGA	0	0	
mORF_-_1256479	1256479	1256535	-	5	57	ATG	TGA	0	0	
mORF_-_1256486	1256486	1256752	-	6	267	GTG	TAA	0	0	
mORF_-_1256804	1256804	1256827	-	6	24	TTG	TAA	0	0	
mORF_-_1256861	1256861	1256956	-	6	96	TTG	TAA	0	0	
mORF_-_1256953	1256953	1257024	-	5	72	ATG	TGA	0	0	
mORF_-_1257039	1257039	1257047	-	4	9	GTG	TAA	0	0	
mORF_-_1257044	1257044	1257067	-	6	24	TTG	TGA	0	0	
mORF_-_1257064	1257064	1257147	-	5	84	TTG	TGA	0	0	
mORF_-_1257078	1257078	1257125	-	4	48	GTG	TAG	0	0	
mORF_-_1257152	1257152	1257736	-	6	585	GTG	TAA	17	40	pORF_-_1257152
mORF_-_1257162	1257162	1257212	-	4	51	GTG	TAA	0	0	
mORF_-_1257193	1257193	1257252	-	5	60	TTG	TGA	0	0	
mORF_-_1257216	1257216	1257224	-	4	9	TTG	TGA	0	0	
mORF_-_1257253	1257253	1257267	-	5	15	GTG	TAA	0	0	
mORF_-_1257283	1257283	1257300	-	5	18	TTG	TAG	0	0	
mORF_-_1257385	1257385	1257513	-	5	129	TTG	TGA	0	0	
mORF_-_1257550	1257550	1257720	-	5	171	TTG	TAG	0	0	
mORF_-_1257726	1257726	1257761	-	4	36	ATG	TAA	0	0	
mORF_-_1257733	1257733	1257816	-	5	84	TTG	TGA	0	0	
mORF_-_1257851	1257851	1257862	-	6	12	TTG	TAA	0	0	
mORF_-_1257868	1257868	1257930	-	5	63	ATG	TGA	0	0	
mORF_-_1257876	1257876	1257920	-	4	45	GTG	TAA	0	0	
mORF_-_1257917	1257917	1258177	-	6	261	ATG	TGA	0	0	
mORF_-_1257948	1257948	1257962	-	4	15	ATG	TAG	0	0	
mORF_-_1257955	1257955	1257960	-	5	6	GTG	TAA	0	0	
mORF_-_1257984	1257984	1258013	-	4	30	ATG	TAA	0	0	
mORF_-_1258051	1258051	1258098	-	5	48	TTG	TGA	0	0	
mORF_-_1258102	1258102	1258116	-	5	15	GTG	TGA	0	0	
mORF_-_1258110	1258110	1258145	-	4	36	ATG	TAA	0	0	
mORF_-_1258120	1258120	1258458	-	5	339	GTG	TAA	0	0	
mORF_-_1258155	1258155	1258295	-	4	141	TTG	TAG	0	0	
mORF_-_1258247	1258247	1258255	-	6	9	TTG	TAG	0	0	
mORF_-_1258289	1258289	1258471	-	6	183	GTG	TAG	0	0	
mORF_-_1258347	1258347	1260026	-	4	1680	GTG	TAA	2	5	pORF_-_1258347
mORF_-_1258468	1258468	1258473	-	5	6	ATG	TGA	0	0	
mORF_-_1258490	1258490	1258543	-	6	54	ATG	TGA	0	0	
mORF_-_1258525	1258525	1258548	-	5	24	GTG	TGA	0	0	
mORF_-_1258556	1258556	1258666	-	6	111	ATG	TGA	0	0	
mORF_-_1258691	1258691	1258765	-	6	75	TTG	TGA	0	0	
mORF_-_1258762	1258762	1258788	-	5	27	GTG	TGA	0	0	
mORF_-_1258775	1258775	1258855	-	6	81	GTG	TGA	0	0	
mORF_-_1258852	1258852	1258866	-	5	15	GTG	TGA	0	0	
mORF_-_1258874	1258874	1258942	-	6	69	TTG	TGA	0	0	

mORF_-_1258964	1258964	1259083	-	6	120	TTG	TGA	0	0	
mORF_-_1259117	1259117	1259125	-	6	9	ATG	TGA	0	0	
mORF_-_1259216	1259216	1259362	-	6	147	TTG	TAA	0	0	
mORF_-_1259233	1259233	1259247	-	5	15	GTG	TAA	0	0	
mORF_-_1259356	1259356	1259433	-	5	78	TTG	TAA	0	0	
mORF_-_1259369	1259369	1259440	-	6	72	TTG	TGA	0	0	
mORF_-_1259453	1259453	1259542	-	6	90	ATG	TGA	0	0	
mORF_-_1259615	1259615	1259644	-	6	30	TTG	TAG	0	0	
mORF_-_1259645	1259645	1259656	-	6	12	TTG	TGA	0	0	
mORF_-_1259678	1259678	1259728	-	6	51	TTG	TGA	0	0	
mORF_-_1259753	1259753	1259800	-	6	48	GTG	TAA	0	0	
mORF_-_1259804	1259804	1259902	-	6	99	TTG	TGA	0	0	
mORF_-_1259915	1259915	1259926	-	6	12	TTG	TAA	0	0	
mORF_-_1259927	1259927	1259935	-	6	9	GTG	TGA	0	0	
mORF_-_1259932	1259932	1260054	-	5	123	ATG	TGA	0	0	
mORF_-_1259999	1259999	1260004	-	6	6	ATG	TGA	0	0	
mORF_-_1260023	1260023	1260061	-	6	39	TTG	TGA	0	0	
mORF_-_1260051	1260051	1260113	-	4	63	TTG	TGA	0	0	
mORF_-_1260058	1260058	1260096	-	5	39	TTG	TGA	0	0	
mORF_-_1260062	1260062	1260085	-	6	24	ATG	TAG	0	0	
mORF_-_1260151	1260151	1261164	-	5	1014	ATG	TAA	95	3016	pORF_-_1260151
mORF_-_1260228	1260228	1260263	-	4	36	ATG	TGA	0	0	
mORF_-_1260267	1260267	1260302	-	4	36	TTG	TGA	0	0	
mORF_-_1260303	1260303	1260383	-	4	81	GTG	TAA	0	0	
mORF_-_1260407	1260407	1260412	-	6	6	GTG	TAA	0	0	
mORF_-_1260432	1260432	1260473	-	4	42	GTG	TGA	0	0	
mORF_-_1260486	1260486	1260506	-	4	21	GTG	TGA	0	0	
mORF_-_1260546	1260546	1260605	-	4	60	TTG	TGA	0	0	
mORF_-_1260621	1260621	1260671	-	4	51	TTG	TGA	0	0	
mORF_-_1260720	1260720	1260878	-	4	159	TTG	TGA	0	0	
mORF_-_1260897	1260897	1260989	-	4	93	ATG	TGA	0	0	
mORF_-_1260908	1260908	1260922	-	6	15	TTG	TAA	0	0	
mORF_-_1261002	1261002	1261043	-	4	42	TTG	TAG	0	0	
mORF_-_1261053	1261053	1261079	-	4	27	TTG	TAG	0	0	
mORF_-_1261086	1261086	1261124	-	4	39	ATG	TGA	0	0	
mORF_-_1261109	1261109	1261228	-	6	120	GTG	TGA	0	0	
mORF_-_1261185	1261185	1261304	-	4	120	ATG	TAA	0	0	
mORF_-_1261249	1261249	1262100	-	5	852	ATG	TAA	12	37	pORF_-_1261249
mORF_-_1261280	1261280	1261312	-	6	33	ATG	TAA	0	0	
mORF_-_1261326	1261326	1261373	-	4	48	GTG	TAG	0	0	
mORF_-_1261410	1261410	1261487	-	4	78	GTG	TAG	0	0	
mORF_-_1261433	1261433	1261471	-	6	39	TTG	TGA	0	0	
mORF_-_1261484	1261484	1261489	-	6	6	ATG	TGA	0	0	
mORF_-_1261544	1261544	1261597	-	6	54	GTG	TAA	0	0	
mORF_-_1261569	1261569	1261574	-	4	6	GTG	TAA	0	0	
mORF_-_1261620	1261620	1261679	-	4	60	ATG	TAA	0	0	
mORF_-_1261692	1261692	1261715	-	4	24	ATG	TGA	0	0	
mORF_-_1261712	1261712	1261732	-	6	21	ATG	TGA	0	0	
mORF_-_1261746	1261746	1261835	-	4	90	GTG	TAA	0	0	
mORF_-_1261902	1261902	1261931	-	4	30	TTG	TGA	0	0	
mORF_-_1261938	1261938	1262039	-	4	102	GTG	TAA	0	0	
mORF_-_1262066	1262066	1262089	-	6	24	GTG	TAA	0	0	
mORF_-_1262100	1262100	1262723	-	4	624	ATG	TAA	13	36	pORF_-_1262100
mORF_-_1262126	1262126	1262230	-	6	105	ATG	TAA	0	0	
mORF_-_1262252	1262252	1262293	-	6	42	GTG	TGA	0	0	
mORF_-_1262290	1262290	1262313	-	5	24	GTG	TGA	0	0	
mORF_-_1262348	1262348	1262359	-	6	12	TTG	TGA	0	0	
mORF_-_1262360	1262360	1262377	-	6	18	ATG	TGA	0	0	
mORF_-_1262408	1262408	1262434	-	6	27	ATG	TAG	0	0	
mORF_-_1262435	1262435	1262734	-	6	300	TTG	TGA	0	0	
mORF_-_1262575	1262575	1262610	-	5	36	ATG	TAA	0	0	
mORF_-_1262776	1262776	1262802	-	5	27	TTG	TAA	0	0	
mORF_-_1262786	1262786	1262839	-	6	54	TTG	TAG	0	0	

mORF_-_1262809	1262809	1262952	-	5	144	GTG	TAA	0	0
mORF_-_1262840	1262840	1262962	-	6	123	TTG	TAA	0	0
mORF_-_1262946	1262946	1263134	-	4	189	TTG	TAA	0	0
mORF_-_1262959	1262959	1262976	-	5	18	GTG	TGA	0	0
mORF_-_1263023	1263023	1263094	-	6	72	GTG	TGA	0	0
mORF_-_1263101	1263101	1263127	-	6	27	TTG	TAA	0	0
mORF_-_1263141	1263141	1263233	-	4	93	ATG	TAA	0	0
mORF_-_1263164	1263164	1263169	-	6	6	TTG	TGA	0	0
mORF_-_1263226	1263226	1263264	-	5	39	GTG	TAA	0	0
mORF_-_1263261	1263261	1263596	-	4	336	TTG	TGA	0	0
mORF_-_1263329	1263329	1263487	-	6	159	GTG	TGA	0	0
mORF_-_1263533	1263533	1263808	-	6	276	TTG	TGA	0	0
mORF_-_1263703	1263703	1263756	-	5	54	TTG	TAA	0	0
mORF_-_1263732	1263732	1263998	-	4	267	TTG	TAA	0	0
mORF_-_1263827	1263827	1263865	-	6	39	TTG	TAA	0	0
mORF_-_1263914	1263914	1264063	-	6	150	ATG	TGA	0	0
mORF_-_1263931	1263931	1263951	-	5	21	GTG	TAA	0	0
mORF_-_1264026	1264026	1264106	-	4	81	ATG	TAA	0	0
mORF_-_1264063	1264063	1264080	-	5	18	ATG	TAA	0	0
mORF_-_1264090	1264090	1264122	-	5	33	GTG	TAG	0	0
mORF_-_1264119	1264119	1264226	-	4	108	ATG	TGA	0	0
mORF_-_1264124	1264124	1264204	-	6	81	ATG	TGA	0	0
mORF_-_1264201	1264201	1264257	-	5	57	TTG	TGA	0	0
mORF_-_1264214	1264214	1264315	-	6	102	TTG	TAA	0	0
mORF_-_1264317	1264317	1264352	-	4	36	GTG	TAG	0	0
mORF_-_1264367	1264367	1264519	-	6	153	TTG	TAA	0	0
mORF_-_1264389	1264389	1264430	-	4	42	GTG	TAA	0	0
mORF_-_1264488	1264488	1264541	-	4	54	TTG	TAG	0	0
mORF_-_1264532	1264532	1264825	-	6	294	ATG	TAA	0	0
mORF_-_1264645	1264645	1264680	-	5	36	ATG	TAA	0	0
mORF_-_1264708	1264708	1264728	-	5	21	TTG	TAA	0	0
mORF_-_1264822	1264822	1264905	-	5	84	ATG	TGA	0	0
mORF_-_1264922	1264922	1264978	-	6	57	GTG	TGA	0	0
mORF_-_1264936	1264936	1264953	-	5	18	GTG	TGA	0	0
mORF_-_1264944	1264944	1264964	-	4	21	TTG	TAA	0	0
mORF_-_1264971	1264971	1265021	-	4	51	GTG	TAA	0	0
mORF_-_1265005	1265005	1265067	-	5	63	ATG	TGA	0	0
mORF_-_1265018	1265018	1265347	-	6	330	TTG	TGA	0	0
mORF_-_1265037	1265037	1265087	-	4	51	TTG	TAG	0	0
mORF_-_1265161	1265161	1265166	-	5	6	TTG	TAA	0	0
mORF_-_1265191	1265191	1265202	-	5	12	TTG	TGA	0	0
mORF_-_1265278	1265278	1265331	-	5	54	GTG	TGA	0	0
mORF_-_1265335	1265335	1265478	-	5	144	TTG	TAA	0	0
mORF_-_1265429	1265429	1265623	-	6	195	GTG	TAA	0	0
mORF_-_1265472	1265472	1265519	-	4	48	ATG	TGA	0	0
mORF_-_1265488	1265488	1265526	-	5	39	ATG	TAG	0	0
mORF_-_1265523	1265523	1265864	-	4	342	TTG	TGA	0	0
mORF_-_1265581	1265581	1265811	-	5	231	TTG	TAA	0	0
mORF_-_1265723	1265723	1265764	-	6	42	GTG	TAA	0	0
mORF_-_1265830	1265830	1266153	-	5	324	TTG	TAG	0	0
mORF_-_1265898	1265898	1265978	-	4	81	ATG	TGA	0	0
mORF_-_1265975	1265975	1266064	-	6	90	ATG	TGA	0	0
mORF_-_1266144	1266144	1266179	-	4	36	ATG	TGA	0	0
mORF_-_1266160	1266160	1266165	-	5	6	GTG	TAG	0	0
mORF_-_1266184	1266184	1266255	-	5	72	ATG	TAA	0	0
mORF_-_1266228	1266228	1266245	-	4	18	ATG	TAG	0	0
mORF_-_1266236	1266236	1266397	-	6	162	ATG	TGA	0	0
mORF_-_1266306	1266306	1266443	-	4	138	GTG	TAA	0	0
mORF_-_1266328	1266328	1266363	-	5	36	GTG	TAG	0	0
mORF_-_1266415	1266415	1266423	-	5	9	GTG	TAA	0	0
mORF_-_1266446	1266446	1266595	-	6	150	ATG	TGA	0	0
mORF_-_1266502	1266502	1266519	-	5	18	TTG	TAA	0	0
mORF_-_1266552	1266552	1266638	-	4	87	TTG	TAA	0	0

mORF_-_1266568	1266568	1266615	-	5	48	TTG	TAA	0	0
mORF_-_1266757	1266757	1266843	-	5	87	ATG	TAA	0	0
mORF_-_1266776	1266776	1266928	-	6	153	ATG	TAA	0	0
mORF_-_1266981	1266981	1266992	-	4	12	ATG	TAA	0	0
mORF_-_1267021	1267021	1267101	-	5	81	GTG	TGA	0	0
mORF_-_1267043	1267043	1267105	-	6	63	TTG	TAA	0	0
mORF_-_1267127	1267127	1267174	-	6	48	TTG	TGA	0	0
mORF_-_1267164	1267164	1267238	-	4	75	GTG	TAA	0	0
mORF_-_1267254	1267254	1267349	-	4	96	ATG	TAA	0	0
mORF_-_1267259	1267259	1267324	-	6	66	ATG	TAA	0	0
mORF_-_1267349	1267349	1268311	-	6	963	TTG	TAA	0	0
mORF_-_1267375	1267375	1267497	-	5	123	ATG	TAA	0	0
mORF_-_1267419	1267419	1267430	-	4	12	TTG	TGA	0	0
mORF_-_1267540	1267540	1267584	-	5	45	ATG	TAA	0	0
mORF_-_1267591	1267591	1267668	-	5	78	GTG	TAA	0	0
mORF_-_1267665	1267665	1267694	-	4	30	GTG	TGA	0	0
mORF_-_1267723	1267723	1267866	-	5	144	TTG	TGA	0	0
mORF_-_1267797	1267797	1267808	-	4	12	GTG	TGA	0	0
mORF_-_1267906	1267906	1267944	-	5	39	ATG	TAG	0	0
mORF_-_1267944	1267944	1268063	-	4	120	GTG	TAA	0	0
mORF_-_1268044	1268044	1268238	-	5	195	TTG	TGA	0	0
mORF_-_1268097	1268097	1268144	-	4	48	ATG	TAA	0	0
mORF_-_1268293	1268293	1268355	-	5	63	ATG	TGA	0	0
mORF_-_1268328	1268328	1268366	-	4	39	GTG	TAA	0	0
mORF_-_1268363	1268363	1268419	-	6	57	TTG	TGA	0	0
mORF_-_1268391	1268391	1268525	-	4	135	ATG	TAA	0	0
mORF_-_1268401	1268401	1268409	-	5	9	GTG	TAA	0	0
mORF_-_1268474	1268474	1268482	-	6	9	TTG	TGA	0	0
mORF_-_1268495	1268495	1268665	-	6	171	GTG	TGA	0	0
mORF_-_1268578	1268578	1268655	-	5	78	ATG	TGA	0	0
mORF_-_1268592	1268592	1268702	-	4	111	TTG	TGA	0	0
mORF_-_1268699	1268699	1268818	-	6	120	TTG	TGA	0	0
mORF_-_1268710	1268710	1268760	-	5	51	TTG	TGA	0	0
mORF_-_1268715	1268715	1268747	-	4	33	ATG	TGA	0	0
mORF_-_1268773	1268773	1268781	-	5	9	ATG	TGA	0	0
mORF_-_1268778	1268778	1268846	-	4	69	TTG	TGA	0	0
mORF_-_1268822	1268822	1268890	-	6	69	ATG	TAA	0	0
mORF_-_1268863	1268863	1268901	-	5	39	GTG	TAA	0	0
mORF_-_1268898	1268898	1268954	-	4	57	TTG	TGA	0	0
mORF_-_1268926	1268926	1269060	-	5	135	ATG	TAA	0	0
mORF_-_1268936	1268936	1268944	-	6	9	GTG	TAA	0	0
mORF_-_1269009	1269009	1269017	-	4	9	TTG	TGA	0	0
mORF_-_1269030	1269030	1269092	-	4	63	TTG	TGA	0	0
mORF_-_1269113	1269113	1269190	-	6	78	ATG	TGA	0	0
mORF_-_1269120	1269120	1269200	-	4	81	GTG	TAA	0	0
mORF_-_1269127	1269127	1269237	-	5	111	TTG	TGA	0	0
mORF_-_1269234	1269234	1269353	-	4	120	TTG	TGA	0	0
mORF_-_1269245	1269245	1269316	-	6	72	ATG	TGA	0	0
mORF_-_1269250	1269250	1269282	-	5	33	ATG	TGA	0	0
mORF_-_1269313	1269313	1269381	-	5	69	TTG	TGA	0	0
mORF_-_1269357	1269357	1269425	-	4	69	ATG	TAA	0	0
mORF_-_1269398	1269398	1269436	-	6	39	GTG	TAA	0	0
mORF_-_1269433	1269433	1269489	-	5	57	TTG	TGA	0	0
mORF_-_1269461	1269461	1269595	-	6	135	ATG	TAA	0	0
mORF_-_1269471	1269471	1269479	-	4	9	GTG	TAA	0	0
mORF_-_1269544	1269544	1269552	-	5	9	TTG	TGA	0	0
mORF_-_1269565	1269565	1269627	-	5	63	TTG	TGA	0	0
mORF_-_1269648	1269648	1269782	-	4	135	GTG	TGA	0	0
mORF_-_1269655	1269655	1269771	-	5	117	TTG	TAA	0	0
mORF_-_1269662	1269662	1269724	-	6	63	ATG	TGA	0	0
mORF_-_1269779	1269779	1269874	-	6	96	TTG	TGA	0	0
mORF_-_1269784	1269784	1269816	-	5	33	ATG	TGA	0	0
mORF_-_1269826	1269826	1269954	-	5	129	ATG	TGA	0	0

mORF_-_1269932	1269932	1269979	-	6	48	TTG	TAA	0	0	
mORF_-_1269972	1269972	1271159	-	4	1188	ATG	TGA	0	0	
mORF_-_1269989	1269989	1270027	-	6	39	ATG	TGA	0	0	
mORF_-_1270036	1270036	1270068	-	5	33	GTG	TAA	0	0	
mORF_-_1270088	1270088	1270117	-	6	30	TTG	TGA	0	0	
mORF_-_1270129	1270129	1270410	-	5	282	GTG	TAA	0	0	
mORF_-_1270136	1270136	1270147	-	6	12	TTG	TGA	0	0	
mORF_-_1270184	1270184	1270198	-	6	15	TTG	TAG	0	0	
mORF_-_1270244	1270244	1270252	-	6	9	GTG	TAA	0	0	
mORF_-_1270274	1270274	1270315	-	6	42	ATG	TGA	0	0	
mORF_-_1270361	1270361	1270378	-	6	18	TTG	TGA	0	0	
mORF_-_1270391	1270391	1270483	-	6	93	TTG	TGA	0	0	
mORF_-_1270511	1270511	1270528	-	6	18	ATG	TGA	0	0	
mORF_-_1270616	1270616	1270639	-	6	24	TTG	TAA	0	0	
mORF_-_1270640	1270640	1270660	-	6	21	TTG	TAA	0	0	
mORF_-_1270667	1270667	1270735	-	6	69	TTG	TGA	0	0	
mORF_-_1270736	1270736	1270762	-	6	27	GTG	TGA	0	0	
mORF_-_1270808	1270808	1270822	-	6	15	TTG	TGA	0	0	
mORF_-_1270880	1270880	1270906	-	6	27	GTG	TAG	0	0	
mORF_-_1270915	1270915	1270986	-	5	72	GTG	TAG	0	0	
mORF_-_1270919	1270919	1270954	-	6	36	TTG	TAA	0	0	
mORF_-_1271048	1271048	1271065	-	6	18	ATG	TAA	0	0	
mORF_-_1271171	1271171	1271230	-	6	60	TTG	TAA	0	0	
mORF_-_1271194	1271194	1271205	-	5	12	ATG	TGA	0	0	
mORF_-_1271223	1271223	1271339	-	4	117	TTG	TAA	0	0	
mORF_-_1271249	1271249	1271308	-	6	60	GTG	TAA	0	0	
mORF_-_1271275	1271275	1271310	-	5	36	GTG	TAA	0	0	
mORF_-_1271336	1271336	1271386	-	6	51	GTG	TGA	0	0	
mORF_-_1271390	1271390	1271635	-	6	246	ATG	TAG	1	7	pORF_-_1271390
mORF_-_1271413	1271413	1271430	-	5	18	TTG	TAG	0	0	
mORF_-_1271427	1271427	1271438	-	4	12	ATG	TGA	0	0	
mORF_-_1271443	1271443	1271538	-	5	96	TTG	TGA	0	0	
mORF_-_1271583	1271583	1271657	-	4	75	TTG	TAA	0	0	
mORF_-_1271593	1271593	1271910	-	5	318	GTG	TAG	0	0	
mORF_-_1271654	1271654	1271785	-	6	132	ATG	TGA	0	0	
mORF_-_1271805	1271805	1271999	-	4	195	GTG	TGA	0	0	
mORF_-_1271882	1271882	1272043	-	6	162	GTG	TAG	0	0	
mORF_-_1271917	1271917	1272021	-	5	105	GTG	TAA	0	0	
mORF_-_1272087	1272087	1272290	-	4	204	TTG	TAG	0	0	
mORF_-_1272115	1272115	1272135	-	5	21	TTG	TAA	0	0	
mORF_-_1272143	1272143	1272181	-	6	39	ATG	TGA	0	0	
mORF_-_1272233	1272233	1272469	-	6	237	ATG	TGA	0	0	
mORF_-_1272238	1272238	1272303	-	5	66	GTG	TGA	0	0	
mORF_-_1272319	1272319	1272465	-	5	147	TTG	TGA	0	0	
mORF_-_1272405	1272405	1272440	-	4	36	ATG	TAA	0	0	
mORF_-_1272462	1272462	1272545	-	4	84	TTG	TGA	0	0	
mORF_-_1272469	1272469	1272822	-	5	354	ATG	TAA	15	115	pORF_-_1272469
mORF_-_1272485	1272485	1272505	-	6	21	ATG	TAA	0	0	
mORF_-_1272560	1272560	1272592	-	6	33	GTG	TAG	0	0	
mORF_-_1272597	1272597	1272803	-	4	207	TTG	TGA	0	0	
mORF_-_1272764	1272764	1272853	-	6	90	GTG	TAA	0	0	
mORF_-_1272838	1272838	1272891	-	5	54	TTG	TGA	0	0	
mORF_-_1272846	1272846	1272857	-	4	12	ATG	TAA	0	0	
mORF_-_1272861	1272861	1272899	-	4	39	GTG	TAG	0	0	
mORF_-_1272896	1272896	1272940	-	6	45	TTG	TGA	0	0	
mORF_-_1272957	1272957	1272983	-	4	27	ATG	TAA	0	0	
mORF_-_1272970	1272970	1273029	-	5	60	ATG	TAG	0	0	
mORF_-_1273039	1273039	1273149	-	5	111	ATG	TAA	0	0	
mORF_-_1273043	1273043	1273096	-	6	54	TTG	TAA	0	0	
mORF_-_1273071	1273071	1273079	-	4	9	GTG	TAG	0	0	
mORF_-_1273083	1273083	1273265	-	4	183	ATG	TAG	0	0	
mORF_-_1273142	1273142	1273309	-	6	168	GTG	TAA	0	0	
mORF_-_1273299	1273299	1273328	-	4	30	GTG	TAA	0	0	

mORF_-_1273303	1273303	1273380	-	5	78	GTG	TGA	0	0	
mORF_-_1273325	1273325	1273375	-	6	51	ATG	TGA	0	0	
mORF_-_1273409	1273409	1273498	-	6	90	TTG	TAA	0	0	
mORF_-_1273426	1273426	1273434	-	5	9	GTG	TAA	0	0	
mORF_-_1273452	1273452	1273646	-	4	195	ATG	TAA	1	4	pORF_-_1273452
mORF_-_1273456	1273456	1273515	-	5	60	TTG	TGA	0	0	
mORF_-_1273528	1273528	1273536	-	5	9	GTG	TAA	0	0	
mORF_-_1273540	1273540	1273548	-	5	9	TTG	TAA	0	0	
mORF_-_1273613	1273613	1273732	-	6	120	GTG	TAA	0	0	
mORF_-_1273630	1273630	1273716	-	5	87	ATG	TGA	0	0	
mORF_-_1273726	1273726	1273737	-	5	12	TTG	TGA	0	0	
mORF_-_1273751	1273751	1273807	-	6	57	GTG	TAG	0	0	
mORF_-_1273785	1273785	1273853	-	4	69	ATG	TAA	0	0	
mORF_-_1273804	1273804	1273809	-	5	6	TTG	TGA	0	0	
mORF_-_1273837	1273837	1273860	-	5	24	GTG	TAA	0	0	
mORF_-_1273853	1273853	1273957	-	6	105	TTG	TAA	0	0	
mORF_-_1273927	1273927	1273950	-	5	24	TTG	TAA	0	0	
mORF_-_1273947	1273947	1274207	-	4	261	GTG	TGA	0	0	
mORF_-_1274005	1274005	1274013	-	5	9	TTG	TAG	0	0	
mORF_-_1274126	1274126	1274158	-	6	33	TTG	TAA	0	0	
mORF_-_1274143	1274143	1274274	-	5	132	TTG	TAA	0	0	
mORF_-_1274186	1274186	1274278	-	6	93	GTG	TAA	0	0	
mORF_-_1274238	1274238	1274270	-	4	33	TTG	TGA	0	0	
mORF_-_1274275	1274275	1274340	-	5	66	GTG	TGA	0	0	
mORF_-_1274337	1274337	1274429	-	4	93	ATG	TGA	0	0	
mORF_-_1274402	1274402	1275166	-	6	765	GTG	TGA	22	244	pORF_-_1274402
mORF_-_1274491	1274491	1274526	-	5	36	TTG	TAA	0	0	
mORF_-_1274527	1274527	1274553	-	5	27	TTG	TGA	0	0	
mORF_-_1274584	1274584	1274616	-	5	33	GTG	TAA	0	0	
mORF_-_1274728	1274728	1274742	-	5	15	ATG	TAA	0	0	
mORF_-_1274755	1274755	1274805	-	5	51	TTG	TGA	0	0	
mORF_-_1274887	1274887	1274949	-	5	63	TTG	TGA	0	0	
mORF_-_1274986	1274986	1275018	-	5	33	TTG	TAA	0	0	
mORF_-_1275045	1275045	1276841	-	4	1797	ATG	TAA	6	18	pORF_-_1275045
mORF_-_1275124	1275124	1275144	-	5	21	TTG	TGA	0	0	
mORF_-_1275182	1275182	1275211	-	6	30	ATG	TGA	0	0	
mORF_-_1275278	1275278	1275292	-	6	15	GTG	TGA	0	0	
mORF_-_1275320	1275320	1275337	-	6	18	TTG	TAA	0	0	
mORF_-_1275328	1275328	1275438	-	5	111	TTG	TGA	0	0	
mORF_-_1275401	1275401	1275526	-	6	126	ATG	TGA	0	0	
mORF_-_1275535	1275535	1275621	-	5	87	TTG	TAA	0	0	
mORF_-_1275548	1275548	1275580	-	6	33	ATG	TAA	0	0	
mORF_-_1275614	1275614	1275670	-	6	57	GTG	TGA	0	0	
mORF_-_1275686	1275686	1275775	-	6	90	ATG	TGA	0	0	
mORF_-_1275835	1275835	1275849	-	5	15	GTG	TGA	0	0	
mORF_-_1275851	1275851	1275919	-	6	69	GTG	TGA	0	0	
mORF_-_1275916	1275916	1275921	-	5	6	TTG	TGA	0	0	
mORF_-_1275923	1275923	1275997	-	6	75	GTG	TGA	0	0	
mORF_-_1276007	1276007	1276162	-	6	156	ATG	TAA	0	0	
mORF_-_1276045	1276045	1276050	-	5	6	GTG	TGA	0	0	
mORF_-_1276078	1276078	1276089	-	5	12	ATG	TAA	0	0	
mORF_-_1276150	1276150	1276299	-	5	150	GTG	TGA	0	0	
mORF_-_1276193	1276193	1276273	-	6	81	GTG	TGA	0	0	
mORF_-_1276367	1276367	1276495	-	6	129	GTG	TAA	0	0	
mORF_-_1276511	1276511	1276519	-	6	9	ATG	TGA	0	0	
mORF_-_1276643	1276643	1276798	-	6	156	TTG	TAA	0	0	
mORF_-_1276804	1276804	1276830	-	5	27	TTG	TAA	0	0	
mORF_-_1276834	1276834	1276944	-	5	111	ATG	TAA	0	0	
mORF_-_1276863	1276863	1276874	-	4	12	TTG	TAA	0	0	
mORF_-_1276880	1276880	1276900	-	6	21	ATG	TAA	0	0	
mORF_-_1276988	1276988	1276993	-	6	6	ATG	TAA	0	0	
mORF_-_1277011	1277011	1277082	-	5	72	TTG	TAA	0	0	
mORF_-_1277040	1277040	1277060	-	4	21	GTG	TAA	0	0	

mORF_-_1277112	1277112	1277156	-	4	45	ATG	TAA	0	0	
mORF_-_1277168	1277168	1277188	-	6	21	GTG	TGA	0	0	
mORF_-_1277178	1277178	1277192	-	4	15	ATG	TAG	0	0	
mORF_-_1277185	1277185	1277223	-	5	39	ATG	TGA	0	0	
mORF_-_1277189	1277189	1277272	-	6	84	TTG	TGA	0	0	
mORF_-_1277269	1277269	1277289	-	5	21	TTG	TGA	0	0	
mORF_-_1277395	1277395	1277562	-	5	168	GTG	TGA	0	0	
mORF_-_1277403	1277403	1277453	-	4	51	ATG	TAA	0	0	
mORF_-_1277566	1277566	1277934	-	5	369	TTG	TAA	0	0	
mORF_-_1277583	1277583	1277636	-	4	54	TTG	TGA	0	0	
mORF_-_1277718	1277718	1277750	-	4	33	GTG	TGA	0	0	
mORF_-_1277747	1277747	1277944	-	6	198	ATG	TGA	0	0	
mORF_-_1277941	1277941	1277991	-	5	51	ATG	TGA	0	0	
mORF_-_1277952	1277952	1277975	-	4	24	TTG	TAA	0	0	
mORF_-_1277988	1277988	1278023	-	4	36	TTG	TGA	0	0	
mORF_-_1278020	1278020	1278055	-	6	36	TTG	TGA	0	0	
mORF_-_1278043	1278043	1278408	-	5	366	ATG	TGA	0	0	
mORF_-_1278075	1278075	1278110	-	4	36	ATG	TAA	0	0	
mORF_-_1278222	1278222	1278380	-	4	159	TTG	TGA	1	2	pORF_-_1278222
mORF_-_1278438	1278438	1278494	-	4	57	TTG	TAA	0	0	
mORF_-_1278470	1278470	1278619	-	6	150	ATG	TAA	0	0	
mORF_-_1278576	1278576	1278632	-	4	57	GTG	TAA	0	0	
mORF_-_1278595	1278595	1278600	-	5	6	ATG	TAA	0	0	
mORF_-_1278616	1278616	1278663	-	5	48	GTG	TGA	0	0	
mORF_-_1278633	1278633	1278659	-	4	27	ATG	TAA	0	0	
mORF_-_1278687	1278687	1278752	-	4	66	ATG	TAA	0	0	
mORF_-_1278709	1278709	1278726	-	5	18	ATG	TAA	0	0	
mORF_-_1278753	1278753	1278800	-	4	48	ATG	TAA	0	0	
mORF_-_1278757	1278757	1278825	-	5	69	ATG	TAA	0	0	
mORF_-_1278810	1278810	1278854	-	4	45	ATG	TAA	0	0	
mORF_-_1278947	1278947	1278979	-	6	33	GTG	TAA	0	0	
mORF_-_1278960	1278960	1278995	-	4	36	TTG	TAA	0	0	
mORF_-_1278976	1278976	1279002	-	5	27	GTG	TGA	0	0	
mORF_-_1279009	1279009	1279473	-	5	465	ATG	TGA	0	0	
mORF_-_1279113	1279113	1279250	-	4	138	GTG	TAG	0	0	
mORF_-_1279272	1279272	1279295	-	4	24	GTG	TAG	0	0	
mORF_-_1279292	1279292	1279492	-	6	201	ATG	TGA	0	0	
mORF_-_1279395	1279395	1279505	-	4	111	ATG	TAA	0	0	
mORF_-_1279532	1279532	1279603	-	6	72	ATG	TAA	0	0	
mORF_-_1279611	1279611	1279622	-	4	12	TTG	TAA	0	0	
mORF_-_1279619	1279619	1279699	-	6	81	GTG	TGA	0	0	
mORF_-_1279729	1279729	1279791	-	5	63	TTG	TAA	0	0	
mORF_-_1279737	1279737	1279823	-	4	87	TTG	TAG	0	0	
mORF_-_1279830	1279830	1279838	-	4	9	ATG	TAG	0	0	
mORF_-_1279835	1279835	1279852	-	6	18	TTG	TGA	0	0	
mORF_-_1279849	1279849	1280931	-	5	1083	GTG	TGA	0	0	
mORF_-_1279902	1279902	1279931	-	4	30	GTG	TAA	0	0	
mORF_-_1279928	1279928	1280056	-	6	129	TTG	TGA	0	0	
mORF_-_1279938	1279938	1280069	-	4	132	GTG	TAG	0	0	
mORF_-_1280085	1280085	1280096	-	4	12	ATG	TAG	0	0	
mORF_-_1280133	1280133	1280504	-	4	372	GTG	TAG	0	0	
mORF_-_1280414	1280414	1280527	-	6	114	TTG	TGA	0	0	
mORF_-_1280558	1280558	1280569	-	6	12	TTG	TAA	0	0	
mORF_-_1280592	1280592	1280651	-	4	60	ATG	TAA	0	0	
mORF_-_1280748	1280748	1280768	-	4	21	ATG	TAG	0	0	
mORF_-_1280898	1280898	1280912	-	4	15	GTG	TGA	0	0	
mORF_-_1280946	1280946	1280993	-	4	48	TTG	TAA	0	0	
mORF_-_1280957	1280957	1280980	-	6	24	GTG	TGA	0	0	
mORF_-_1280977	1280977	1281012	-	5	36	GTG	TGA	0	0	
mORF_-_1281000	1281000	1281077	-	4	78	GTG	TAG	0	0	
mORF_-_1281023	1281023	1281064	-	6	42	GTG	TAA	0	0	
mORF_-_1281070	1281070	1282383	-	5	1314	GTG	TAA	1	2	pORF_-_1281070
mORF_-_1281132	1281132	1281221	-	4	90	ATG	TAG	0	0	

mORF_-_1281258	1281258	1281422	-	4	165	GTG	TGA	0	0
mORF_-_1281429	1281429	1281479	-	4	51	ATG	TAG	0	0
mORF_-_1281564	1281564	1281743	-	4	180	ATG	TAG	0	0
mORF_-_1281641	1281641	1281739	-	6	99	GTG	TAG	0	0
mORF_-_1281774	1281774	1281881	-	4	108	TTG	TAA	0	0
mORF_-_1281878	1281878	1281967	-	6	90	GTG	TGA	0	0
mORF_-_1281882	1281882	1281977	-	4	96	TTG	TAG	0	0
mORF_-_1282019	1282019	1282093	-	6	75	GTG	TAA	0	0
mORF_-_1282086	1282086	1282103	-	4	18	TTG	TGA	0	0
mORF_-_1282106	1282106	1282192	-	6	87	ATG	TAA	0	0
mORF_-_1282152	1282152	1282157	-	4	6	TTG	TAA	0	0
mORF_-_1282164	1282164	1282172	-	4	9	TTG	TAA	0	0
mORF_-_1282269	1282269	1282388	-	4	120	GTG	TAA	0	0
mORF_-_1282389	1282389	1282661	-	4	273	GTG	TAG	0	0
mORF_-_1282417	1282417	1282698	-	5	282	ATG	TAA	0	0
mORF_-_1282658	1282658	1282705	-	6	48	ATG	TGA	0	0
mORF_-_1282719	1282719	1282802	-	4	84	TTG	TAG	0	0
mORF_-_1282736	1282736	1283074	-	6	339	ATG	TAG	0	0
mORF_-_1282786	1282786	1282842	-	5	57	GTG	TAA	0	0
mORF_-_1282839	1282839	1282886	-	4	48	GTG	TGA	0	0
mORF_-_1282893	1282893	1283384	-	4	492	GTG	TGA	0	0
mORF_-_1283150	1283150	1283356	-	6	207	ATG	TGA	0	0
mORF_-_1283353	1283353	1283400	-	5	48	ATG	TGA	0	0
mORF_-_1283429	1283429	1283515	-	6	87	TTG	TAA	0	0
mORF_-_1283522	1283522	1283560	-	6	39	ATG	TAG	0	0
mORF_-_1283604	1283604	1284281	-	4	678	GTG	TGA	0	0
mORF_-_1283630	1283630	1283683	-	6	54	GTG	TAA	0	0
mORF_-_1283711	1283711	1283752	-	6	42	ATG	TGA	0	0
mORF_-_1283788	1283788	1284147	-	5	360	GTG	TAA	0	0
mORF_-_1283816	1283816	1283872	-	6	57	GTG	TAA	0	0
mORF_-_1283912	1283912	1284025	-	6	114	TTG	TGA	0	0
mORF_-_1284068	1284068	1284073	-	6	6	TTG	TAA	0	0
mORF_-_1284175	1284175	1284225	-	5	51	GTG	TAG	0	0
mORF_-_1284209	1284209	1284346	-	6	138	TTG	TGA	0	0
mORF_-_1284285	1284285	1284785	-	4	501	ATG	TGA	0	0
mORF_-_1284307	1284307	1284363	-	5	57	ATG	TGA	0	0
mORF_-_1284413	1284413	1284484	-	6	72	ATG	TAA	0	0
mORF_-_1284424	1284424	1284576	-	5	153	GTG	TGA	0	0
mORF_-_1284578	1284578	1284664	-	6	87	GTG	TGA	0	0
mORF_-_1284674	1284674	1284805	-	6	132	TTG	TAA	0	0
mORF_-_1284820	1284820	1284999	-	5	180	GTG	TAA	0	0
mORF_-_1284957	1284957	1284995	-	4	39	TTG	TAA	0	0
mORF_-_1284989	1284989	1285342	-	6	354	TTG	TGA	0	0
mORF_-_1285006	1285006	1285056	-	5	51	GTG	TGA	0	0
mORF_-_1285069	1285069	1285632	-	5	564	GTG	TAG	0	0
mORF_-_1285104	1285104	1285115	-	4	12	ATG	TAG	0	0
mORF_-_1285158	1285158	1285208	-	4	51	TTG	TAG	0	0
mORF_-_1285266	1285266	1285502	-	4	237	ATG	TGA	0	0
mORF_-_1285412	1285412	1285432	-	6	21	TTG	TGA	0	0
mORF_-_1285593	1285593	1285688	-	4	96	ATG	TGA	0	0
mORF_-_1285616	1285616	1285717	-	6	102	GTG	TAA	0	0
mORF_-_1285651	1285651	1285746	-	5	96	GTG	TAA	0	0
mORF_-_1285757	1285757	1286017	-	6	261	TTG	TAA	0	0
mORF_-_1285762	1285762	1285767	-	5	6	ATG	TGA	0	0
mORF_-_1285792	1285792	1285890	-	5	99	TTG	TAA	0	0
mORF_-_1285842	1285842	1285883	-	4	42	ATG	TAG	0	0
mORF_-_1286014	1286014	1286043	-	5	30	ATG	TGA	0	0
mORF_-_1286040	1286040	1286174	-	4	135	TTG	TGA	0	0
mORF_-_1286204	1286204	1286233	-	6	30	ATG	TAA	0	0
mORF_-_1286269	1286269	1286715	-	5	447	TTG	TGA	0	0
mORF_-_1286310	1286310	1286411	-	4	102	ATG	TGA	0	0
mORF_-_1286514	1286514	1286564	-	4	51	TTG	TAA	0	0
mORF_-_1286679	1286679	1286723	-	4	45	GTG	TAA	0	0

mORF_-_1286720	1286720	1286743	-	6	24	GTG	TGA	0	0	
mORF_-_1286737	1286737	1286745	-	5	9	ATG	TAA	0	0	
mORF_-_1286758	1286758	1286847	-	5	90	GTG	TAA	0	0	
mORF_-_1286877	1286877	1286900	-	4	24	ATG	TAA	0	0	
mORF_-_1286897	1286897	1286905	-	6	9	TTG	TGA	0	0	
mORF_-_1286902	1286902	1286964	-	5	63	ATG	TGA	0	0	
mORF_-_1286989	1286989	1287069	-	5	81	GTG	TAA	0	0	
mORF_-_1287005	1287005	1287847	-	6	843	ATG	TAA	30	308	pORF_-_1287005
mORF_-_1287073	1287073	1287096	-	5	24	GTG	TAA	0	0	
mORF_-_1287109	1287109	1287186	-	5	78	ATG	TGA	0	0	
mORF_-_1287187	1287187	1287210	-	5	24	TTG	TGA	0	0	
mORF_-_1287217	1287217	1287318	-	5	102	TTG	TGA	0	0	
mORF_-_1287328	1287328	1287387	-	5	60	ATG	TAA	0	0	
mORF_-_1287418	1287418	1287429	-	5	12	ATG	TAA	0	0	
mORF_-_1287433	1287433	1287516	-	5	84	ATG	TAA	0	0	
mORF_-_1287489	1287489	1287560	-	4	72	TTG	TAA	0	0	
mORF_-_1287541	1287541	1287555	-	5	15	TTG	TGA	0	0	
mORF_-_1287610	1287610	1287735	-	5	126	ATG	TGA	0	0	
mORF_-_1287732	1287732	1287812	-	4	81	TTG	TGA	0	0	
mORF_-_1287828	1287828	1287893	-	4	66	TTG	TAA	0	0	
mORF_-_1287877	1287877	1287912	-	5	36	GTG	TAG	0	0	
mORF_-_1287890	1287890	1287982	-	6	93	TTG	TGA	0	0	
mORF_-_1287897	1287897	1288376	-	4	480	TTG	TAA	0	0	
mORF_-_1287925	1287925	1287939	-	5	15	TTG	TAA	0	0	
mORF_-_1287979	1287979	1287993	-	5	15	ATG	TGA	0	0	
mORF_-_1288007	1288007	1288027	-	6	21	TTG	TGA	0	0	
mORF_-_1288028	1288028	1288114	-	6	87	TTG	TAA	0	0	
mORF_-_1288042	1288042	1288107	-	5	66	TTG	TAA	0	0	
mORF_-_1288111	1288111	1288134	-	5	24	ATG	TGA	0	0	
mORF_-_1288121	1288121	1288147	-	6	27	TTG	TGA	0	0	
mORF_-_1288135	1288135	1288188	-	5	54	TTG	TGA	0	0	
mORF_-_1288157	1288157	1288186	-	6	30	GTG	TGA	0	0	
mORF_-_1288229	1288229	1288405	-	6	177	GTG	TGA	0	0	
mORF_-_1288285	1288285	1288311	-	5	27	ATG	TGA	0	0	
mORF_-_1288330	1288330	1288344	-	5	15	TTG	TAG	0	0	
mORF_-_1288405	1288405	1288527	-	5	123	ATG	TAG	0	0	
mORF_-_1288433	1288433	1288444	-	6	12	ATG	TAG	0	0	
mORF_-_1288538	1288538	1288621	-	6	84	ATG	TAA	0	0	
mORF_-_1288665	1288665	1288739	-	4	75	TTG	TAA	0	0	
mORF_-_1288714	1288714	1288743	-	5	30	TTG	TAA	0	0	
mORF_-_1288740	1288740	1288895	-	4	156	ATG	TGA	0	0	
mORF_-_1288831	1288831	1288857	-	5	27	ATG	TAA	0	0	
mORF_-_1288862	1288862	1288876	-	6	15	ATG	TAG	0	0	
mORF_-_1288873	1288873	1289097	-	5	225	ATG	TGA	0	0	
mORF_-_1288892	1288892	1288909	-	6	18	GTG	TGA	0	0	
mORF_-_1288917	1288917	1288967	-	4	51	GTG	TAG	0	0	
mORF_-_1288943	1288943	1288951	-	6	9	TTG	TAA	0	0	
mORF_-_1288964	1288964	1288975	-	6	12	ATG	TGA	0	0	
mORF_-_1289019	1289019	1289219	-	4	201	ATG	TGA	1	4	pORF_-_1289019
mORF_-_1289054	1289054	1289161	-	6	108	TTG	TGA	0	0	
mORF_-_1289116	1289116	1289295	-	5	180	GTG	TAA	0	0	
mORF_-_1289247	1289247	1289429	-	4	183	ATG	TGA	0	0	
mORF_-_1289387	1289387	1289392	-	6	6	GTG	TAG	0	0	
mORF_-_1289393	1289393	1289434	-	6	42	GTG	TAA	0	0	
mORF_-_1289434	1289434	1289751	-	5	318	TTG	TAG	0	0	
mORF_-_1289451	1289451	1289477	-	4	27	ATG	TGA	0	0	
mORF_-_1289496	1289496	1289564	-	4	69	TTG	TGA	0	0	
mORF_-_1289549	1289549	1289680	-	6	132	ATG	TGA	0	0	
mORF_-_1289613	1289613	1289651	-	4	39	GTG	TGA	0	0	
mORF_-_1289836	1289836	1289847	-	5	12	ATG	TAG	0	0	
mORF_-_1289850	1289850	1289900	-	4	51	TTG	TAA	0	0	
mORF_-_1289942	1289942	1290094	-	6	153	ATG	TAG	0	0	
mORF_-_1289982	1289982	1290062	-	4	81	ATG	TAA	0	0	

mORF_-_1289992	1289992	1290012	-	5	21	TTG	TGA	0	0	
mORF_-_1290064	1290064	1290081	-	5	18	GTG	TAA	0	0	
mORF_-_1290078	1290078	1290128	-	4	51	ATG	TGA	0	0	
mORF_-_1290132	1290132	1290161	-	4	30	GTG	TAA	0	0	
mORF_-_1290143	1290143	1290172	-	6	30	TTG	TAA	0	0	
mORF_-_1290194	1290194	1290214	-	6	21	ATG	TAA	0	0	
mORF_-_1290223	1290223	1290231	-	5	9	TTG	TGA	0	0	
mORF_-_1290254	1290254	1290271	-	6	18	ATG	TAA	0	0	
mORF_-_1290268	1290268	1290372	-	5	105	GTG	TGA	0	0	
mORF_-_1290320	1290320	1290346	-	6	27	TTG	TAA	0	0	
mORF_-_1290348	1290348	1290482	-	4	135	TTG	TGA	0	0	
mORF_-_1290374	1290374	1290430	-	6	57	TTG	TAA	0	0	
mORF_-_1290496	1290496	1290507	-	5	12	ATG	TAG	0	0	
mORF_-_1290507	1290507	1290545	-	4	39	ATG	TAA	0	0	
mORF_-_1290588	1290588	1290653	-	4	66	TTG	TGA	0	0	
mORF_-_1290650	1290650	1290658	-	6	9	GTG	TGA	0	0	
mORF_-_1290676	1290676	1290765	-	5	90	ATG	TAA	0	0	
mORF_-_1290714	1290714	1290800	-	4	87	ATG	TAA	0	0	
mORF_-_1290800	1290800	1290865	-	6	66	GTG	TAA	0	0	
mORF_-_1290805	1290805	1290840	-	5	36	ATG	TGA	0	0	
mORF_-_1290858	1290858	1290869	-	4	12	ATG	TAA	0	0	
mORF_-_1290866	1290866	1291048	-	6	183	GTG	TGA	0	0	
mORF_-_1290879	1290879	1290920	-	4	42	TTG	TAG	0	0	
mORF_-_1290966	1290966	1290977	-	4	12	GTG	TAG	0	0	
mORF_-_1291092	1291092	1291124	-	4	33	GTG	TAA	0	0	
mORF_-_1291121	1291121	1291171	-	6	51	ATG	TGA	0	0	
mORF_-_1291168	1291168	1291230	-	5	63	TTG	TGA	0	0	
mORF_-_1291179	1291179	1291211	-	4	33	ATG	TGA	0	0	
mORF_-_1291241	1291241	1291471	-	6	231	ATG	TAA	0	0	
mORF_-_1291338	1291338	1291367	-	4	30	TTG	TAA	0	0	
mORF_-_1291396	1291396	1291404	-	5	9	GTG	TGA	0	0	
mORF_-_1291401	1291401	1291412	-	4	12	TTG	TGA	0	0	
mORF_-_1291487	1291487	1291627	-	6	141	TTG	TAA	0	0	
mORF_-_1291492	1291492	1291497	-	5	6	ATG	TAA	0	0	
mORF_-_1291525	1291525	1291578	-	5	54	ATG	TGA	0	0	
mORF_-_1291578	1291578	1291610	-	4	33	GTG	TAA	0	0	
mORF_-_1291642	1291642	1291680	-	5	39	TTG	TAA	0	0	
mORF_-_1291658	1291658	1291720	-	6	63	TTG	TAA	0	0	
mORF_-_1291722	1291722	1291727	-	4	6	TTG	TAG	0	0	
mORF_-_1291732	1291732	1292145	-	5	414	ATG	TAA	103	4960	pORF_-_1291732
mORF_-_1291743	1291743	1291775	-	4	33	ATG	TGA	0	0	
mORF_-_1291791	1291791	1291910	-	4	120	TTG	TAA	0	0	
mORF_-_1291917	1291917	1291937	-	4	21	TTG	TGA	0	0	
mORF_-_1291950	1291950	1292042	-	4	93	TTG	TGA	0	0	
mORF_-_1292046	1292046	1292102	-	4	57	GTG	TAG	0	0	
mORF_-_1292075	1292075	1292086	-	6	12	ATG	TGA	0	0	
mORF_-_1292142	1292142	1292159	-	4	18	TTG	TGA	0	0	
mORF_-_1292205	1292205	1292240	-	4	36	TTG	TGA	0	0	
mORF_-_1292237	1292237	1292281	-	6	45	ATG	TGA	0	0	
mORF_-_1292278	1292278	1292307	-	5	30	ATG	TGA	0	0	
mORF_-_1292314	1292314	1292340	-	5	27	GTG	TAG	0	0	
mORF_-_1292318	1292318	1292365	-	6	48	ATG	TAA	0	0	
mORF_-_1292362	1292362	1292370	-	5	9	GTG	TGA	0	0	
mORF_-_1292367	1292367	1292372	-	4	6	ATG	TGA	0	0	
mORF_-_1292445	1292445	1292486	-	4	42	ATG	TAA	0	0	
mORF_-_1292491	1292491	1292502	-	5	12	GTG	TAA	0	0	
mORF_-_1292502	1292502	1292576	-	4	75	ATG	TAG	0	0	
mORF_-_1292530	1292530	1292541	-	5	12	TTG	TAA	0	0	
mORF_-_1292585	1292585	1292662	-	6	78	GTG	TAA	0	0	
mORF_-_1292625	1292625	1292717	-	4	93	TTG	TAA	0	0	
mORF_-_1292720	1292720	1292728	-	6	9	ATG	TAA	0	0	
mORF_-_1292725	1292725	1292733	-	5	9	ATG	TGA	0	0	
mORF_-_1292730	1292730	1292780	-	4	51	TTG	TGA	0	0	

mORF_-_1292759	1292759	1292812	-	6	54	TTG	TAG	0	0	
mORF_-_1292770	1292770	1292823	-	5	54	TTG	TAG	0	0	
mORF_-_1292796	1292796	1292819	-	4	24	ATG	TAG	0	0	
mORF_-_1292824	1292824	1292847	-	5	24	GTG	TAA	0	0	
mORF_-_1292895	1292895	1292927	-	4	33	TTG	TGA	0	0	
mORF_-_1292930	1292930	1292941	-	6	12	TTG	TAA	0	0	
mORF_-_1292934	1292934	1292990	-	4	57	TTG	TAA	0	0	
mORF_-_1292951	1292951	1292995	-	6	45	ATG	TAA	0	0	
mORF_-_1293023	1293023	1293037	-	6	15	TTG	TAA	0	0	
mORF_-_1293047	1293047	1293067	-	6	21	TTG	TAA	0	0	
mORF_-_1293088	1293088	1293207	-	5	120	ATG	TAA	0	0	
mORF_-_1293119	1293119	1293136	-	6	18	TTG	TAA	0	0	
mORF_-_1293123	1293123	1293332	-	4	210	ATG	TAA	0	0	
mORF_-_1293170	1293170	1293304	-	6	135	GTG	TAA	0	0	
mORF_-_1293317	1293317	1293322	-	6	6	TTG	TAA	0	0	
mORF_-_1293332	1293332	1293361	-	6	30	GTG	TAA	0	0	
mORF_-_1293379	1293379	1293531	-	5	153	TTG	TAA	0	0	
mORF_-_1293413	1293413	1293430	-	6	18	GTG	TGA	0	0	
mORF_-_1293494	1293494	1293565	-	6	72	TTG	TAA	0	0	
mORF_-_1293543	1293543	1293668	-	4	126	GTG	TAA	0	0	
mORF_-_1293578	1293578	1293652	-	6	75	GTG	TAG	0	0	
mORF_-_1293592	1293592	1293642	-	5	51	TTG	TAA	0	0	
mORF_-_1293649	1293649	1294239	-	5	591	ATG	TGA	0	0	
mORF_-_1293701	1293701	1293847	-	6	147	GTG	TAA	0	0	
mORF_-_1293738	1293738	1293761	-	4	24	GTG	TAA	0	0	
mORF_-_1293869	1293869	1293874	-	6	6	TTG	TAA	0	0	
mORF_-_1293891	1293891	1293926	-	4	36	TTG	TGA	0	0	
mORF_-_1294005	1294005	1294013	-	4	9	ATG	TGA	0	0	
mORF_-_1294041	1294041	1294187	-	4	147	ATG	TAA	0	0	
mORF_-_1294191	1294191	1294421	-	4	231	ATG	TGA	0	0	
mORF_-_1294301	1294301	1294318	-	6	18	ATG	TGA	0	0	
mORF_-_1294331	1294331	1294453	-	6	123	GTG	TGA	0	0	
mORF_-_1294360	1294360	1294545	-	5	186	ATG	TGA	0	0	
mORF_-_1294434	1294434	1294532	-	4	99	ATG	TGA	0	0	
mORF_-_1294590	1294590	1294604	-	4	15	TTG	TAA	0	0	
mORF_-_1294612	1294612	1294626	-	5	15	ATG	TAA	0	0	
mORF_-_1294662	1294662	1294736	-	4	75	GTG	TAG	0	0	
mORF_-_1294669	1294669	1297344	-	5	2676	ATG	TAA	287	5457	pORF_-_1294669
mORF_-_1294740	1294740	1294751	-	4	12	GTG	TAG	0	0	
mORF_-_1294794	1294794	1294898	-	4	105	GTG	TGA	0	0	
mORF_-_1294811	1294811	1294825	-	6	15	GTG	TAA	0	0	
mORF_-_1294922	1294922	1294945	-	6	24	ATG	TGA	0	0	
mORF_-_1294992	1294992	1295090	-	4	99	ATG	TGA	0	0	
mORF_-_1295105	1295105	1295182	-	6	78	ATG	TAA	0	0	
mORF_-_1295112	1295112	1295246	-	4	135	GTG	TGA	0	0	
mORF_-_1295307	1295307	1295360	-	4	54	ATG	TGA	0	0	
mORF_-_1295339	1295339	1295407	-	6	69	GTG	TGA	0	0	
mORF_-_1295379	1295379	1295447	-	4	69	TTG	TAA	0	0	
mORF_-_1295463	1295463	1295471	-	4	9	ATG	TGA	0	0	
mORF_-_1295511	1295511	1295522	-	4	12	TTG	TAA	0	0	
mORF_-_1295580	1295580	1295714	-	4	135	GTG	TGA	0	0	
mORF_-_1295612	1295612	1295680	-	6	69	GTG	TAA	0	0	
mORF_-_1295727	1295727	1295762	-	4	36	GTG	TGA	0	0	
mORF_-_1295796	1295796	1295822	-	4	27	TTG	TAG	0	0	
mORF_-_1295835	1295835	1295867	-	4	33	ATG	TGA	0	0	
mORF_-_1295889	1295889	1295915	-	4	27	ATG	TGA	0	0	
mORF_-_1295922	1295922	1296014	-	4	93	TTG	TGA	0	0	
mORF_-_1295927	1295927	1295989	-	6	63	GTG	TGA	0	0	
mORF_-_1296030	1296030	1296083	-	4	54	GTG	TGA	0	0	
mORF_-_1296065	1296065	1296085	-	6	21	TTG	TAA	0	0	
mORF_-_1296093	1296093	1296137	-	4	45	GTG	TGA	0	0	
mORF_-_1296177	1296177	1296266	-	4	90	TTG	TGA	0	0	
mORF_-_1296224	1296224	1296238	-	6	15	TTG	TGA	0	0	

mORF_-_1296285	1296285	1296371	-	4	87	TTG	TAG	0	0
mORF_-_1296375	1296375	1296383	-	4	9	GTG	TGA	0	0
mORF_-_1296387	1296387	1296455	-	4	69	TTG	TGA	0	0
mORF_-_1296468	1296468	1296476	-	4	9	GTG	TGA	0	0
mORF_-_1296483	1296483	1296494	-	4	12	ATG	TGA	0	0
mORF_-_1296507	1296507	1296608	-	4	102	GTG	TGA	0	0
mORF_-_1296639	1296639	1296689	-	4	51	TTG	TGA	0	0
mORF_-_1296708	1296708	1296764	-	4	57	GTG	TAG	0	0
mORF_-_1296801	1296801	1296821	-	4	21	TTG	TGA	0	0
mORF_-_1296846	1296846	1296923	-	4	78	GTG	TGA	0	0
mORF_-_1296969	1296969	1297133	-	4	165	TTG	TGA	0	0
mORF_-_1297001	1297001	1297024	-	6	24	TTG	TAA	0	0
mORF_-_1297146	1297146	1297214	-	4	69	ATG	TGA	0	0
mORF_-_1297251	1297251	1297283	-	4	33	GTG	TAG	0	0
mORF_-_1297296	1297296	1297301	-	4	6	GTG	TAA	0	0
mORF_-_1297305	1297305	1297331	-	4	27	ATG	TAG	0	0
mORF_-_1297373	1297373	1297384	-	6	12	ATG	TAA	0	0
mORF_-_1297427	1297427	1297468	-	6	42	GTG	TAA	0	0
mORF_-_1297459	1297459	1297464	-	5	6	GTG	TGA	0	0
mORF_-_1297478	1297478	1297540	-	6	63	TTG	TAG	0	0
mORF_-_1297510	1297510	1297521	-	5	12	GTG	TAG	0	0
mORF_-_1297518	1297518	1297550	-	4	33	GTG	TGA	0	0
mORF_-_1297547	1297547	1297600	-	6	54	GTG	TGA	0	0
mORF_-_1297564	1297564	1297623	-	5	60	ATG	TAA	0	0
mORF_-_1297578	1297578	1297610	-	4	33	ATG	TGA	0	0
mORF_-_1297604	1297604	1297696	-	6	93	TTG	TGA	0	0
mORF_-_1297663	1297663	1297683	-	5	21	GTG	TAG	0	0
mORF_-_1297668	1297668	1297685	-	4	18	TTG	TAA	0	0
mORF_-_1297686	1297686	1297712	-	4	27	TTG	TAG	0	0
mORF_-_1297715	1297715	1297774	-	6	60	TTG	TAA	0	0
mORF_-_1297723	1297723	1297746	-	5	24	TTG	TAA	0	0
mORF_-_1297758	1297758	1297793	-	4	36	ATG	TGA	0	0
mORF_-_1297850	1297850	1297921	-	6	72	ATG	TAA	0	0
mORF_-_1297931	1297931	1298233	-	6	303	ATG	TGA	0	0
mORF_-_1297987	1297987	1298088	-	5	102	TTG	TAA	0	0
mORF_-_1298025	1298025	1298030	-	4	6	TTG	TAG	0	0
mORF_-_1298043	1298043	1298141	-	4	99	TTG	TGA	0	0
mORF_-_1298104	1298104	1298187	-	5	84	GTG	TGA	0	0
mORF_-_1298148	1298148	1298255	-	4	108	GTG	TGA	0	0
mORF_-_1298252	1298252	1298260	-	6	9	ATG	TGA	0	0
mORF_-_1298264	1298264	1298371	-	6	108	TTG	TAG	0	0
mORF_-_1298287	1298287	1298334	-	5	48	GTG	TAG	0	0
mORF_-_1298386	1298386	1298409	-	5	24	ATG	TAA	0	0
mORF_-_1298461	1298461	1298496	-	5	36	ATG	TAA	0	0
mORF_-_1298475	1298475	1298552	-	4	78	TTG	TGA	0	0
mORF_-_1298504	1298504	1298515	-	6	12	ATG	TAA	0	0
mORF_-_1298521	1298521	1298580	-	5	60	TTG	TAA	0	0
mORF_-_1298606	1298606	1298629	-	6	24	ATG	TAA	0	0
mORF_-_1298626	1298626	1298940	-	5	315	TTG	TGA	0	0
mORF_-_1298631	1298631	1298696	-	4	66	GTG	TAA	0	0
mORF_-_1298718	1298718	1298732	-	4	15	TTG	TAG	0	0
mORF_-_1298736	1298736	1298756	-	4	21	GTG	TAA	0	0
mORF_-_1298771	1298771	1298797	-	6	27	TTG	TGA	0	0
mORF_-_1298790	1298790	1298981	-	4	192	TTG	TAA	0	0
mORF_-_1298828	1298828	1298836	-	6	9	ATG	TAA	0	0
mORF_-_1298882	1298882	1298896	-	6	15	TTG	TAA	0	0
mORF_-_1298956	1298956	1299162	-	5	207	ATG	TAA	0	0
mORF_-_1298982	1298982	1299062	-	4	81	GTG	TAA	0	0
mORF_-_1299155	1299155	1299199	-	6	45	TTG	TAA	0	0
mORF_-_1299168	1299168	1299206	-	4	39	TTG	TAA	0	0
mORF_-_1299181	1299181	1299339	-	5	159	TTG	TAA	0	0
mORF_-_1299257	1299257	1299322	-	6	66	TTG	TAG	0	0
mORF_-_1299303	1299303	1299359	-	4	57	ATG	TGA	0	0

mORF_-_1299352	1299352	1299372	-	5	21	TTG	TGA	0	0
mORF_-_1299359	1299359	1299370	-	6	12	GTG	TAA	0	0
mORF_-_1299422	1299422	1299709	-	6	288	GTG	TAA	0	0
mORF_-_1299429	1299429	1299455	-	4	27	GTG	TGA	0	0
mORF_-_1299445	1299445	1299597	-	5	153	GTG	TGA	0	0
mORF_-_1299546	1299546	1299554	-	4	9	GTG	TGA	0	0
mORF_-_1299696	1299696	1299713	-	4	18	ATG	TAG	0	0
mORF_-_1299706	1299706	1299723	-	5	18	GTG	TGA	0	0
mORF_-_1299720	1299720	1299788	-	4	69	TTG	TGA	0	0
mORF_-_1299755	1299755	1299766	-	6	12	GTG	TAA	0	0
mORF_-_1299763	1299763	1299846	-	5	84	TTG	TGA	0	0
mORF_-_1299860	1299860	1300078	-	6	219	GTG	TAA	0	0
mORF_-_1299910	1299910	1299921	-	5	12	TTG	TAG	0	0
mORF_-_1299949	1299949	1299984	-	5	36	TTG	TAG	0	0
mORF_-_1299981	1299981	1300088	-	4	108	ATG	TGA	0	0
mORF_-_1299988	1299988	1300026	-	5	39	ATG	TAG	0	0
mORF_-_1300075	1300075	1300098	-	5	24	GTG	TGA	0	0
mORF_-_1300105	1300105	1300218	-	5	114	ATG	TAA	0	0
mORF_-_1300113	1300113	1300133	-	4	21	ATG	TAA	0	0
mORF_-_1300134	1300134	1300160	-	4	27	GTG	TGA	0	0
mORF_-_1300166	1300166	1300396	-	6	231	ATG	TAG	0	0
mORF_-_1300191	1300191	1300259	-	4	69	TTG	TAA	0	0
mORF_-_1300231	1300231	1300236	-	5	6	GTG	TAA	0	0
mORF_-_1300339	1300339	1300491	-	5	153	GTG	TAA	0	0
mORF_-_1300365	1300365	1300424	-	4	60	ATG	TGA	0	0
mORF_-_1300421	1300421	1300843	-	6	423	TTG	TGA	0	0
mORF_-_1300461	1300461	1300553	-	4	93	TTG	TAA	0	0
mORF_-_1300540	1300540	1300572	-	5	33	ATG	TAG	0	0
mORF_-_1300603	1300603	1300719	-	5	117	ATG	TAA	0	0
mORF_-_1300683	1300683	1300871	-	4	189	GTG	TAG	0	0
mORF_-_1300774	1300774	1300785	-	5	12	TTG	TAG	0	0
mORF_-_1300804	1300804	1300824	-	5	21	ATG	TAG	0	0
mORF_-_1300834	1300834	1300923	-	5	90	TTG	TAG	0	0
mORF_-_1300884	1300884	1300904	-	4	21	GTG	TAA	0	0
mORF_-_1300892	1300892	1301065	-	6	174	TTG	TAA	0	0
mORF_-_1301043	1301043	1301138	-	4	96	GTG	TAA	0	0
mORF_-_1301081	1301081	1301101	-	6	21	ATG	TGA	0	0
mORF_-_1301098	1301098	1301106	-	5	9	GTG	TGA	0	0
mORF_-_1301113	1301113	1301154	-	5	42	ATG	TGA	0	0
mORF_-_1301171	1301171	1301299	-	6	129	TTG	TAA	0	0
mORF_-_1301179	1301179	1301235	-	5	57	ATG	TGA	0	0
mORF_-_1301272	1301272	1301328	-	5	57	TTG	TAA	0	0
mORF_-_1301283	1301283	1301291	-	4	9	TTG	TAA	0	0
mORF_-_1301306	1301306	1301443	-	6	138	ATG	TAG	0	0
mORF_-_1301341	1301341	1301367	-	5	27	ATG	TAA	0	0
mORF_-_1301370	1301370	1301399	-	4	30	ATG	TAA	0	0
mORF_-_1301440	1301440	1301469	-	5	30	GTG	TGA	0	0
mORF_-_1301474	1301474	1301581	-	6	108	ATG	TAA	0	0
mORF_-_1301523	1301523	1301528	-	4	6	GTG	TAA	0	0
mORF_-_1301578	1301578	1301640	-	5	63	ATG	TGA	0	0
mORF_-_1301583	1301583	1301591	-	4	9	GTG	TAA	0	0
mORF_-_1301610	1301610	1301705	-	4	96	TTG	TAA	0	0
mORF_-_1301624	1301624	1301680	-	6	57	ATG	TAA	0	0
mORF_-_1301713	1301713	1301724	-	5	12	ATG	TAA	0	0
mORF_-_1301735	1301735	1301797	-	6	63	ATG	TAG	0	0
mORF_-_1301864	1301864	1301962	-	6	99	ATG	TAA	0	0
mORF_-_1301898	1301898	1301945	-	4	48	GTG	TGA	0	0
mORF_-_1301955	1301955	1302170	-	4	216	GTG	TAA	0	0
mORF_-_1302008	1302008	1302103	-	6	96	GTG	TAA	0	0
mORF_-_1302103	1302103	1302174	-	5	72	ATG	TAG	0	0
mORF_-_1302167	1302167	1302496	-	6	330	GTG	TGA	0	0
mORF_-_1302171	1302171	1302218	-	4	48	GTG	TGA	0	0
mORF_-_1302238	1302238	1302318	-	5	81	ATG	TAA	0	0

mORF_-_1302288	1302288	1302302	-	4	15	ATG	TGA	0	0	
mORF_-_1302340	1302340	1302498	-	5	159	ATG	TGA	0	0	
mORF_-_1302441	1302441	1302476	-	4	36	ATG	TAA	0	0	
mORF_-_1302486	1302486	1302539	-	4	54	GTG	TAA	0	0	
mORF_-_1302529	1302529	1302717	-	5	189	TTG	TAG	0	0	
mORF_-_1302536	1302536	1302601	-	6	66	TTG	TGA	0	0	
mORF_-_1302576	1302576	1302665	-	4	90	ATG	TAA	0	0	
mORF_-_1302668	1302668	1302832	-	6	165	GTG	TAA	0	0	
mORF_-_1302720	1302720	1303073	-	4	354	TTG	TAA	0	0	
mORF_-_1302763	1302763	1302819	-	5	57	TTG	TAA	0	0	
mORF_-_1302893	1302893	1303027	-	6	135	TTG	TGA	0	0	
mORF_-_1302913	1302913	1303092	-	5	180	TTG	TAG	0	0	
mORF_-_1303070	1303070	1303117	-	6	48	TTG	TGA	0	0	
mORF_-_1303096	1303096	1303278	-	5	183	GTG	TGA	0	0	
mORF_-_1303134	1303134	1303295	-	4	162	ATG	TAG	0	0	
mORF_-_1303299	1303299	1303532	-	4	234	TTG	TGA	0	0	
mORF_-_1303337	1303337	1303366	-	6	30	TTG	TAG	0	0	
mORF_-_1303408	1303408	1303563	-	5	156	ATG	TAA	0	0	
mORF_-_1303566	1303566	1303883	-	4	318	TTG	TAA	0	0	
mORF_-_1303583	1303583	1303723	-	6	141	GTG	TGA	0	0	
mORF_-_1303660	1303660	1303698	-	5	39	ATG	TAA	0	0	
mORF_-_1303766	1303766	1304011	-	6	246	TTG	TAA	0	0	
mORF_-_1303915	1303915	1303944	-	5	30	ATG	TGA	0	0	
mORF_-_1303944	1303944	1304027	-	4	84	ATG	TAA	0	0	
mORF_-_1304008	1304008	1304124	-	5	117	ATG	TGA	0	0	
mORF_-_1304024	1304024	1304059	-	6	36	ATG	TGA	0	0	
mORF_-_1304096	1304096	1304158	-	6	63	ATG	TGA	0	0	
mORF_-_1304127	1304127	1304183	-	4	57	ATG	TAG	0	0	
mORF_-_1304155	1304155	1304196	-	5	42	GTG	TGA	0	0	
mORF_-_1304244	1304244	1304276	-	4	33	ATG	TAA	0	0	
mORF_-_1304344	1304344	1304391	-	5	48	GTG	TAA	0	0	
mORF_-_1304379	1304379	1304420	-	4	42	TTG	TGA	0	0	
mORF_-_1304384	1304384	1304401	-	6	18	TTG	TGA	0	0	
mORF_-_1304398	1304398	1304439	-	5	42	ATG	TGA	0	0	
mORF_-_1304439	1304439	1304549	-	4	111	GTG	TAA	0	0	
mORF_-_1304446	1304446	1304577	-	5	132	ATG	TAA	0	0	
mORF_-_1304453	1304453	1304479	-	6	27	ATG	TGA	0	0	
mORF_-_1304543	1304543	1304551	-	6	9	TTG	TAG	0	0	
mORF_-_1304556	1304556	1304561	-	4	6	ATG	TAG	0	0	
mORF_-_1304564	1304564	1304725	-	6	162	TTG	TAA	0	0	
mORF_-_1304649	1304649	1304798	-	4	150	TTG	TAA	0	0	
mORF_-_1304662	1304662	1304730	-	5	69	GTG	TGA	0	0	
mORF_-_1304815	1304815	1304829	-	5	15	GTG	TGA	0	0	
mORF_-_1304831	1304831	1304893	-	6	63	ATG	TAG	0	0	
mORF_-_1304841	1304841	1304951	-	4	111	TTG	TAA	0	0	
mORF_-_1304845	1304845	1305252	-	5	408	GTG	TAA	1	14	pORF_-_1304845
mORF_-_1304952	1304952	1304966	-	4	15	TTG	TGA	0	0	
mORF_-_1304979	1304979	1305140	-	4	162	ATG	TGA	0	0	
mORF_-_1305180	1305180	1305278	-	4	99	ATG	TAG	0	0	
mORF_-_1305209	1305209	1306669	-	6	1461	ATG	TAA	6	22	pORF_-_1305209
mORF_-_1305271	1305271	1305345	-	5	75	TTG	TAA	0	0	
mORF_-_1305351	1305351	1305389	-	4	39	GTG	TAA	0	0	
mORF_-_1305382	1305382	1305420	-	5	39	TTG	TAA	0	0	
mORF_-_1305427	1305427	1305639	-	5	213	TTG	TAA	0	0	
mORF_-_1305552	1305552	1305608	-	4	57	TTG	TGA	0	0	
mORF_-_1305658	1305658	1305669	-	5	12	GTG	TGA	0	0	
mORF_-_1305688	1305688	1305825	-	5	138	TTG	TGA	0	0	
mORF_-_1305889	1305889	1305897	-	5	9	TTG	TGA	0	0	
mORF_-_1305894	1305894	1305902	-	4	9	ATG	TGA	0	0	
mORF_-_1305907	1305907	1305918	-	5	12	ATG	TAG	0	0	
mORF_-_1305988	1305988	1306032	-	5	45	GTG	TGA	0	0	
mORF_-_1306048	1306048	1306077	-	5	30	ATG	TAA	0	0	
mORF_-_1306077	1306077	1306148	-	4	72	TTG	TAA	0	0	

mORF_-_1306084	1306084	1306119	-	5	36	GTG	TAA	0	0	
mORF_-_1306174	1306174	1306236	-	5	63	TTG	TAA	0	0	
mORF_-_1306279	1306279	1306287	-	5	9	ATG	TGA	0	0	
mORF_-_1306284	1306284	1306352	-	4	69	TTG	TGA	0	0	
mORF_-_1306300	1306300	1306377	-	5	78	GTG	TGA	0	0	
mORF_-_1306422	1306422	1306448	-	4	27	GTG	TAA	0	0	
mORF_-_1306464	1306464	1306643	-	4	180	TTG	TGA	0	0	
mORF_-_1306480	1306480	1306512	-	5	33	TTG	TAG	0	0	
mORF_-_1306600	1306600	1306611	-	5	12	TTG	TAA	0	0	
mORF_-_1306673	1306673	1306714	-	6	42	ATG	TAA	0	0	
mORF_-_1306699	1306699	1306752	-	5	54	GTG	TAA	0	0	
mORF_-_1306707	1306707	1306724	-	4	18	ATG	TAA	0	0	
mORF_-_1306721	1306721	1306849	-	6	129	ATG	TGA	0	0	
mORF_-_1306791	1306791	1306919	-	4	129	GTG	TAA	0	0	
mORF_-_1306856	1306856	1306945	-	6	90	TTG	TGA	0	0	
mORF_-_1306924	1306924	1307013	-	5	90	TTG	TGA	0	0	
mORF_-_1306973	1306973	1306978	-	6	6	TTG	TAG	0	0	
mORF_-_1307040	1307040	1308311	-	4	1272	GTG	TAG	4	21	pORF_-_1307040
mORF_-_1307078	1307078	1307107	-	6	30	ATG	TAG	0	0	
mORF_-_1307117	1307117	1307161	-	6	45	ATG	TGA	0	0	
mORF_-_1307162	1307162	1307191	-	6	30	TTG	TAA	0	0	
mORF_-_1307240	1307240	1307284	-	6	45	GTG	TGA	0	0	
mORF_-_1307288	1307288	1307338	-	6	51	GTG	TGA	0	0	
mORF_-_1307335	1307335	1307361	-	5	27	TTG	TGA	0	0	
mORF_-_1307381	1307381	1307425	-	6	45	ATG	TAA	0	0	
mORF_-_1307432	1307432	1307461	-	6	30	ATG	TAG	0	0	
mORF_-_1307464	1307464	1307550	-	5	87	TTG	TGA	0	0	
mORF_-_1307507	1307507	1307554	-	6	48	TTG	TGA	0	0	
mORF_-_1307594	1307594	1307632	-	6	39	TTG	TAA	0	0	
mORF_-_1307642	1307642	1307731	-	6	90	ATG	TGA	0	0	
mORF_-_1307810	1307810	1307869	-	6	60	TTG	TAA	0	0	
mORF_-_1307890	1307890	1307946	-	5	57	TTG	TAG	0	0	
mORF_-_1307918	1307918	1307953	-	6	36	TTG	TGA	0	0	
mORF_-_1307956	1307956	1308030	-	5	75	ATG	TAG	0	0	
mORF_-_1308002	1308002	1308058	-	6	57	TTG	TGA	0	0	
mORF_-_1308065	1308065	1308205	-	6	141	ATG	TGA	0	0	
mORF_-_1308187	1308187	1308339	-	5	153	GTG	TAA	0	0	
mORF_-_1308290	1308290	1308313	-	6	24	TTG	TGA	0	0	
mORF_-_1308324	1308324	1308380	-	4	57	TTG	TAA	0	0	
mORF_-_1308329	1308329	1308409	-	6	81	TTG	TAA	0	0	
mORF_-_1308406	1308406	1308447	-	5	42	ATG	TGA	0	0	
mORF_-_1308434	1308434	1308562	-	6	129	TTG	TGA	0	0	
mORF_-_1308463	1308463	1308471	-	5	9	ATG	TGA	0	0	
mORF_-_1308528	1308528	1308554	-	4	27	GTG	TAG	0	0	
mORF_-_1308593	1308593	1308985	-	6	393	ATG	TGA	4	91	pORF_-_1308593
mORF_-_1308616	1308616	1308633	-	5	18	ATG	TGA	0	0	
mORF_-_1308646	1308646	1308705	-	5	60	TTG	TAG	0	0	
mORF_-_1308775	1308775	1308795	-	5	21	ATG	TGA	0	0	
mORF_-_1308814	1308814	1308981	-	5	168	ATG	TAG	0	0	
mORF_-_1308999	1308999	1309067	-	4	69	ATG	TAA	0	0	
mORF_-_1309058	1309058	1309168	-	6	111	ATG	TAG	0	0	
mORF_-_1309102	1309102	1309113	-	5	12	TTG	TAA	0	0	
mORF_-_1309152	1309152	1309211	-	4	60	ATG	TAA	0	0	
mORF_-_1309211	1309211	1309255	-	6	45	GTG	TGA	0	0	
mORF_-_1309224	1309224	1309289	-	4	66	TTG	TAG	0	0	
mORF_-_1309261	1309261	1309368	-	5	108	GTG	TAA	0	0	
mORF_-_1309295	1309295	1309543	-	6	249	TTG	TGA	0	0	
mORF_-_1309399	1309399	1309443	-	5	45	TTG	TAG	0	0	
mORF_-_1309453	1309453	1309536	-	5	84	TTG	TGA	0	0	
mORF_-_1309549	1309549	1309620	-	5	72	ATG	TAA	0	0	
mORF_-_1309578	1309578	1309688	-	4	111	TTG	TAA	0	0	
mORF_-_1309589	1309589	1309714	-	6	126	ATG	TGA	0	0	
mORF_-_1309695	1309695	1309844	-	4	150	TTG	TGA	0	0	

mORF_-_1309754	1309754	1309819	-	6	66	GTG	TAA	0	0	
mORF_-_1309841	1309841	1309960	-	6	120	TTG	TGA	0	0	
mORF_-_1309872	1309872	1310270	-	4	399	ATG	TAA	6	28	pORF_-_1309872
mORF_-_1309966	1309966	1309989	-	5	24	GTG	TGA	0	0	
mORF_-_1309982	1309982	1310068	-	6	87	TTG	TGA	0	0	
mORF_-_1309999	1309999	1310049	-	5	51	GTG	TAA	0	0	
mORF_-_1310084	1310084	1310095	-	6	12	TTG	TGA	0	0	
mORF_-_1310092	1310092	1310175	-	5	84	TTG	TGA	0	0	
mORF_-_1310108	1310108	1310152	-	6	45	TTG	TAG	0	0	
mORF_-_1310168	1310168	1310200	-	6	33	ATG	TAA	0	0	
mORF_-_1310219	1310219	1310236	-	6	18	TTG	TAG	0	0	
mORF_-_1310254	1310254	1310298	-	5	45	GTG	TAA	0	0	
mORF_-_1310375	1310375	1310914	-	6	540	ATG	TAA	0	0	
mORF_-_1310452	1310452	1310460	-	5	9	TTG	TGA	0	0	
mORF_-_1310466	1310466	1310570	-	4	105	ATG	TAA	0	0	
mORF_-_1310595	1310595	1310690	-	4	96	ATG	TAA	0	0	
mORF_-_1310644	1310644	1310706	-	5	63	ATG	TAG	0	0	
mORF_-_1310722	1310722	1310751	-	5	30	TTG	TGA	0	0	
mORF_-_1310758	1310758	1310811	-	5	54	TTG	TGA	0	0	
mORF_-_1310827	1310827	1310901	-	5	75	TTG	TGA	0	0	
mORF_-_1310916	1310916	1310933	-	4	18	TTG	TAA	0	0	
mORF_-_1310930	1310930	1311139	-	6	210	TTG	TGA	0	0	
mORF_-_1310944	1310944	1311687	-	5	744	ATG	TAA	0	0	
mORF_-_1311009	1311009	1311035	-	4	27	TTG	TGA	0	0	
mORF_-_1311045	1311045	1311068	-	4	24	TTG	TAA	0	0	
mORF_-_1311141	1311141	1311170	-	4	30	TTG	TGA	0	0	
mORF_-_1311198	1311198	1311263	-	4	66	TTG	TGA	0	0	
mORF_-_1311291	1311291	1311347	-	4	57	GTG	TGA	0	0	
mORF_-_1311417	1311417	1311572	-	4	156	ATG	TAA	0	0	
mORF_-_1311554	1311554	1311601	-	6	48	ATG	TGA	0	0	
mORF_-_1311576	1311576	1311599	-	4	24	GTG	TAG	0	0	
mORF_-_1311624	1311624	1311659	-	4	36	GTG	TGA	0	0	
mORF_-_1311656	1311656	1311691	-	6	36	GTG	TGA	0	0	
mORF_-_1311715	1311715	1311828	-	5	114	TTG	TAA	0	0	
mORF_-_1311741	1311741	1311761	-	4	21	ATG	TAA	0	0	
mORF_-_1311815	1311815	1311838	-	6	24	TTG	TGA	0	0	
mORF_-_1311887	1311887	1311958	-	6	72	ATG	TAA	0	0	
mORF_-_1311892	1311892	1311897	-	5	6	ATG	TGA	0	0	
mORF_-_1311910	1311910	1311918	-	5	9	TTG	TGA	0	0	
mORF_-_1311955	1311955	1311984	-	5	30	ATG	TGA	0	0	
mORF_-_1311988	1311988	1312080	-	5	93	TTG	TAA	0	0	
mORF_-_1312011	1312011	1312028	-	4	18	ATG	TGA	0	0	
mORF_-_1312019	1312019	1312216	-	6	198	GTG	TAA	0	0	
mORF_-_1312053	1312053	1312109	-	4	57	ATG	TAA	0	0	
mORF_-_1312126	1312126	1312158	-	5	33	TTG	TAA	0	0	
mORF_-_1312179	1312179	1312220	-	4	42	TTG	TAA	0	0	
mORF_-_1312234	1312234	1312353	-	5	120	GTG	TAA	0	0	
mORF_-_1312238	1312238	1312306	-	6	69	GTG	TAA	0	0	
mORF_-_1312269	1312269	1312457	-	4	189	ATG	TAA	0	0	
mORF_-_1312337	1312337	1312390	-	6	54	TTG	TGA	0	0	
mORF_-_1312421	1312421	1312429	-	6	9	GTG	TAG	0	0	
mORF_-_1312454	1312454	1312462	-	6	9	TTG	TGA	0	0	
mORF_-_1312529	1312529	1312597	-	6	69	TTG	TAA	0	0	
mORF_-_1312555	1312555	1312617	-	5	63	GTG	TAA	0	0	
mORF_-_1312563	1312563	1312625	-	4	63	GTG	TGA	0	0	
mORF_-_1312654	1312654	1312728	-	5	75	ATG	TAA	0	0	
mORF_-_1312679	1312679	1312690	-	6	12	GTG	TAA	0	0	
mORF_-_1312742	1312742	1313248	-	6	507	ATG	TAA	8	20	pORF_-_1312742
mORF_-_1312756	1312756	1312764	-	5	9	ATG	TAG	0	0	
mORF_-_1312816	1312816	1312845	-	5	30	ATG	TGA	0	0	
mORF_-_1312846	1312846	1312890	-	5	45	ATG	TAA	0	0	
mORF_-_1312903	1312903	1312947	-	5	45	ATG	TAG	0	0	
mORF_-_1312969	1312969	1313010	-	5	42	TTG	TAG	0	0	

mORF_-_1313026	1313026	1313124	-	5	99	TTG	TGA	0	0	
mORF_-_1313152	1313152	1313238	-	5	87	TTG	TAG	0	0	
mORF_-_1313273	1313273	1313290	-	6	18	ATG	TAG	0	0	
mORF_-_1313294	1313294	1313842	-	6	549	TTG	TGA	9	51	pORF_-_1313294
mORF_-_1313434	1313434	1313487	-	5	54	TTG	TAG	0	0	
mORF_-_1313488	1313488	1313571	-	5	84	GTG	TGA	0	0	
mORF_-_1313547	1313547	1313573	-	4	27	ATG	TGA	0	0	
mORF_-_1313590	1313590	1313661	-	5	72	ATG	TGA	0	0	
mORF_-_1313674	1313674	1313685	-	5	12	ATG	TAA	0	0	
mORF_-_1313722	1313722	1313778	-	5	57	TTG	TAA	0	0	
mORF_-_1313775	1313775	1313825	-	4	51	ATG	TGA	0	0	
mORF_-_1313852	1313852	1314091	-	6	240	ATG	TGA	0	0	
mORF_-_1313880	1313880	1314116	-	4	237	GTG	TGA	1	3	pORF_-_1313880
mORF_-_1314091	1314091	1314120	-	5	30	ATG	TAA	0	0	
mORF_-_1314133	1314133	1314150	-	5	18	TTG	TAG	0	0	
mORF_-_1314147	1314147	1314197	-	4	51	ATG	TGA	0	0	
mORF_-_1314152	1314152	1314214	-	6	63	TTG	TAA	0	0	
mORF_-_1314375	1314375	1314395	-	4	21	ATG	TAA	0	0	
mORF_-_1314440	1314440	1315246	-	6	807	ATG	TAA	73	1187	pORF_-_1314440
mORF_-_1314460	1314460	1314474	-	5	15	TTG	TGA	0	0	
mORF_-_1314481	1314481	1314576	-	5	96	TTG	TGA	0	0	
mORF_-_1314586	1314586	1314612	-	5	27	TTG	TAA	0	0	
mORF_-_1314646	1314646	1314657	-	5	12	TTG	TGA	0	0	
mORF_-_1314700	1314700	1314735	-	5	36	GTG	TGA	0	0	
mORF_-_1314748	1314748	1314942	-	5	195	ATG	TAG	0	0	
mORF_-_1314846	1314846	1314896	-	4	51	GTG	TGA	0	0	
mORF_-_1314946	1314946	1314957	-	5	12	TTG	TGA	0	0	
mORF_-_1314985	1314985	1315002	-	5	18	TTG	TGA	0	0	
mORF_-_1314999	1314999	1315007	-	4	9	ATG	TGA	0	0	
mORF_-_1315018	1315018	1315068	-	5	51	ATG	TGA	0	0	
mORF_-_1315096	1315096	1315125	-	5	30	TTG	TAG	0	0	
mORF_-_1315144	1315144	1315170	-	5	27	GTG	TGA	0	0	
mORF_-_1315213	1315213	1315224	-	5	12	TTG	TGA	0	0	
mORF_-_1315246	1315246	1316439	-	5	1194	ATG	TGA	58	1350	pORF_-_1315246
mORF_-_1315337	1315337	1315423	-	6	87	GTG	TAA	0	0	
mORF_-_1315362	1315362	1315559	-	4	198	TTG	TGA	0	0	
mORF_-_1315593	1315593	1315622	-	4	30	ATG	TGA	0	0	
mORF_-_1315626	1315626	1315682	-	4	57	TTG	TAA	0	0	
mORF_-_1315683	1315683	1315817	-	4	135	TTG	TGA	0	0	
mORF_-_1315818	1315818	1315937	-	4	120	ATG	TGA	0	0	
mORF_-_1315971	1315971	1315982	-	4	12	GTG	TGA	0	0	
mORF_-_1315986	1315986	1316036	-	4	51	GTG	TAA	0	0	
mORF_-_1316021	1316021	1316053	-	6	33	ATG	TGA	0	0	
mORF_-_1316055	1316055	1316210	-	4	156	GTG	TGA	0	0	
mORF_-_1316207	1316207	1316257	-	6	51	ATG	TGA	0	0	
mORF_-_1316262	1316262	1316285	-	4	24	ATG	TGA	0	0	
mORF_-_1316292	1316292	1316345	-	4	54	TTG	TGA	0	0	
mORF_-_1316376	1316376	1316414	-	4	39	TTG	TGA	0	0	
mORF_-_1316451	1316451	1317812	-	4	1362	ATG	TAA	40	250	pORF_-_1316451
mORF_-_1316519	1316519	1316539	-	6	21	TTG	TAG	0	0	
mORF_-_1316585	1316585	1316626	-	6	42	ATG	TAG	0	0	
mORF_-_1316627	1316627	1316662	-	6	36	GTG	TAA	0	0	
mORF_-_1316675	1316675	1316725	-	6	51	GTG	TAG	0	0	
mORF_-_1316732	1316732	1316890	-	6	159	ATG	TAA	0	0	
mORF_-_1316912	1316912	1316962	-	6	51	TTG	TGA	0	0	
mORF_-_1316929	1316929	1316943	-	5	15	TTG	TGA	0	0	
mORF_-_1316966	1316966	1317019	-	6	54	GTG	TGA	0	0	
mORF_-_1317004	1317004	1317033	-	5	30	ATG	TAA	0	0	
mORF_-_1317023	1317023	1317085	-	6	63	ATG	TGA	0	0	
mORF_-_1317092	1317092	1317106	-	6	15	TTG	TGA	0	0	
mORF_-_1317182	1317182	1317313	-	6	132	ATG	TGA	0	0	
mORF_-_1317326	1317326	1317385	-	6	60	ATG	TGA	0	0	
mORF_-_1317401	1317401	1317544	-	6	144	ATG	TAA	0	0	

mORF_-_1317469	1317469	1317474	-	5	6	ATG	TAA	0	0	
mORF_-_1317548	1317548	1317616	-	6	69	GTG	TGA	0	0	
mORF_-_1317613	1317613	1317651	-	5	39	GTG	TGA	0	0	
mORF_-_1317620	1317620	1317721	-	6	102	ATG	TGA	0	0	
mORF_-_1317718	1317718	1317768	-	5	51	TTG	TGA	0	0	
mORF_-_1317809	1317809	1317913	-	6	105	ATG	TGA	0	0	
mORF_-_1317813	1317813	1319408	-	4	1596	ATG	TAA	39	461	pORF_-_1317813
mORF_-_1317923	1317923	1317958	-	6	36	ATG	TAA	0	0	
mORF_-_1317992	1317992	1318003	-	6	12	GTG	TAA	0	0	
mORF_-_1318052	1318052	1318240	-	6	189	TTG	TGA	0	0	
mORF_-_1318267	1318267	1318374	-	5	108	ATG	TAA	0	0	
mORF_-_1318271	1318271	1318288	-	6	18	ATG	TGA	0	0	
mORF_-_1318307	1318307	1318378	-	6	72	GTG	TGA	0	0	
mORF_-_1318379	1318379	1318387	-	6	9	ATG	TAG	0	0	
mORF_-_1318415	1318415	1318423	-	6	9	TTG	TGA	0	0	
mORF_-_1318502	1318502	1318672	-	6	171	GTG	TGA	0	0	
mORF_-_1318718	1318718	1318729	-	6	12	GTG	TGA	0	0	
mORF_-_1318768	1318768	1318917	-	5	150	TTG	TAG	0	0	
mORF_-_1318826	1318826	1318930	-	6	105	ATG	TAG	0	0	
mORF_-_1318946	1318946	1318957	-	6	12	ATG	TGA	0	0	
mORF_-_1318976	1318976	1319002	-	6	27	TTG	TAA	0	0	
mORF_-_1319039	1319039	1319233	-	6	195	GTG	TAA	0	0	
mORF_-_1319086	1319086	1319214	-	5	129	TTG	TAA	0	0	
mORF_-_1319267	1319267	1319287	-	6	21	TTG	TGA	0	0	
mORF_-_1319321	1319321	1319338	-	6	18	ATG	TGA	0	0	
mORF_-_1319401	1319401	1319508	-	5	108	TTG	TGA	0	0	
mORF_-_1319408	1319408	1320970	-	6	1563	ATG	TGA	39	182	pORF_-_1319408
mORF_-_1319512	1319512	1319523	-	5	12	GTG	TAG	0	0	
mORF_-_1319569	1319569	1319595	-	5	27	ATG	TGA	0	0	
mORF_-_1319611	1319611	1319658	-	5	48	TTG	TAG	0	0	
mORF_-_1319659	1319659	1319688	-	5	30	GTG	TAA	0	0	
mORF_-_1319707	1319707	1319739	-	5	33	TTG	TGA	0	0	
mORF_-_1319782	1319782	1319874	-	5	93	TTG	TGA	0	0	
mORF_-_1319799	1319799	1319843	-	4	45	TTG	TGA	0	0	
mORF_-_1319881	1319881	1320075	-	5	195	ATG	TGA	0	0	
mORF_-_1320226	1320226	1320264	-	5	39	GTG	TAG	0	0	
mORF_-_1320255	1320255	1320260	-	4	6	ATG	TAA	0	0	
mORF_-_1320261	1320261	1320266	-	4	6	TTG	TGA	0	0	
mORF_-_1320334	1320334	1320420	-	5	87	TTG	TGA	0	0	
mORF_-_1320427	1320427	1320567	-	5	141	ATG	TGA	0	0	
mORF_-_1320568	1320568	1320777	-	5	210	GTG	TGA	0	0	
mORF_-_1320597	1320597	1320617	-	4	21	ATG	TGA	0	0	
mORF_-_1320778	1320778	1320801	-	5	24	GTG	TAG	0	0	
mORF_-_1320823	1320823	1320885	-	5	63	GTG	TAA	0	0	
mORF_-_1320828	1320828	1320887	-	4	60	GTG	TGA	0	0	
mORF_-_1320973	1320973	1320993	-	5	21	TTG	TAA	0	0	
mORF_-_1320980	1320980	1321042	-	6	63	ATG	TAG	0	0	
mORF_-_1321009	1321009	1321080	-	5	72	TTG	TAA	0	0	
mORF_-_1321062	1321062	1321106	-	4	45	ATG	TGA	0	0	
mORF_-_1321142	1321142	1321168	-	6	27	TTG	TAA	0	0	
mORF_-_1321165	1321165	1321215	-	5	51	TTG	TGA	0	0	
mORF_-_1321173	1321173	1321325	-	4	153	ATG	TGA	0	0	
mORF_-_1321199	1321199	1321378	-	6	180	ATG	TAA	0	0	
mORF_-_1321222	1321222	1321254	-	5	33	GTG	TAA	0	0	
mORF_-_1321270	1321270	1321467	-	5	198	GTG	TAA	0	0	
mORF_-_1321368	1321368	1321421	-	4	54	GTG	TGA	0	0	
mORF_-_1321418	1321418	1321522	-	6	105	ATG	TGA	0	0	
mORF_-_1321515	1321515	1321712	-	4	198	TTG	TAA	1	2	pORF_-_1321515
mORF_-_1321519	1321519	1321566	-	5	48	TTG	TGA	0	0	
mORF_-_1321526	1321526	1321672	-	6	147	ATG	TAG	0	0	
mORF_-_1321669	1321669	1321803	-	5	135	ATG	TGA	0	0	
mORF_-_1321709	1321709	1321810	-	6	102	ATG	TGA	0	0	
mORF_-_1321725	1321725	1321781	-	4	57	TTG	TAA	0	0	

mORF_-_1321829	1321829	1321984	-	6	156	ATG	TAG	0	0
mORF_-_1321834	1321834	1321944	-	5	111	TTG	TGA	0	0
mORF_-_1321860	1321860	1322021	-	4	162	ATG	TAG	0	0
mORF_-_1321994	1321994	1322014	-	6	21	ATG	TGA	0	0
mORF_-_1322014	1322014	1322310	-	5	297	GTG	TGA	0	0
mORF_-_1322120	1322120	1322158	-	6	39	GTG	TAA	0	0
mORF_-_1322142	1322142	1322174	-	4	33	TTG	TGA	0	0
mORF_-_1322171	1322171	1322221	-	6	51	TTG	TGA	0	0
mORF_-_1322307	1322307	1322312	-	4	6	TTG	TGA	0	0
mORF_-_1322315	1322315	1322359	-	6	45	ATG	TAA	0	0
mORF_-_1322352	1322352	1322408	-	4	57	TTG	TAG	0	0
mORF_-_1322409	1322409	1322477	-	4	69	ATG	TAG	0	0
mORF_-_1322417	1322417	1322446	-	6	30	GTG	TGA	0	0
mORF_-_1322501	1322501	1322527	-	6	27	ATG	TAG	0	0
mORF_-_1322508	1322508	1322549	-	4	42	GTG	TGA	0	0
mORF_-_1322554	1322554	1322640	-	5	87	GTG	TAG	0	0
mORF_-_1322633	1322633	1322668	-	6	36	TTG	TAA	0	0
mORF_-_1322646	1322646	1322792	-	4	147	ATG	TAG	0	0
mORF_-_1322737	1322737	1322757	-	5	21	GTG	TAA	0	0
mORF_-_1322768	1322768	1322824	-	6	57	ATG	TAG	0	0
mORF_-_1322827	1322827	1322970	-	5	144	GTG	TAG	0	0
mORF_-_1322832	1322832	1322846	-	4	15	GTG	TAA	0	0
mORF_-_1322859	1322859	1322927	-	4	69	TTG	TAA	0	0
mORF_-_1322963	1322963	1323025	-	6	63	GTG	TAA	0	0
mORF_-_1322995	1322995	1323093	-	5	99	ATG	TAG	0	0
mORF_-_1323036	1323036	1323053	-	4	18	GTG	TGA	0	0
mORF_-_1323100	1323100	1323168	-	5	69	ATG	TAA	0	0
mORF_-_1323214	1323214	1323438	-	5	225	GTG	TAG	0	0
mORF_-_1323255	1323255	1323362	-	4	108	ATG	TAA	0	0
mORF_-_1323284	1323284	1323304	-	6	21	ATG	TAG	0	0
mORF_-_1323323	1323323	1323346	-	6	24	ATG	TAA	0	0
mORF_-_1323399	1323399	1323416	-	4	18	GTG	TAA	0	0
mORF_-_1323435	1323435	1323617	-	4	183	ATG	TGA	0	0
mORF_-_1323442	1323442	1323489	-	5	48	ATG	TAA	0	0
mORF_-_1323482	1323482	1323511	-	6	30	ATG	TGA	0	0
mORF_-_1323556	1323556	1323582	-	5	27	TTG	TAA	0	0
mORF_-_1323627	1323627	1323641	-	4	15	ATG	TAA	0	0
mORF_-_1323661	1323661	1323756	-	5	96	TTG	TAG	0	0
mORF_-_1323735	1323735	1323878	-	4	144	TTG	TGA	0	0
mORF_-_1323863	1323863	1323985	-	6	123	TTG	TAA	0	0
mORF_-_1323901	1323901	1323969	-	5	69	TTG	TAA	0	0
mORF_-_1323945	1323945	1323998	-	4	54	ATG	TAA	0	0
mORF_-_1324002	1324002	1324157	-	4	156	GTG	TAA	0	0
mORF_-_1324154	1324154	1324171	-	6	18	GTG	TGA	0	0
mORF_-_1324180	1324180	1324395	-	5	216	GTG	TGA	0	0
mORF_-_1324203	1324203	1324211	-	4	9	TTG	TAG	0	0
mORF_-_1324278	1324278	1324292	-	4	15	ATG	TAA	0	0
mORF_-_1324283	1324283	1324312	-	6	30	TTG	TGA	0	0
mORF_-_1324361	1324361	1324423	-	6	63	GTG	TAA	0	0
mORF_-_1324434	1324434	1324586	-	4	153	TTG	TAA	0	0
mORF_-_1324454	1324454	1324558	-	6	105	ATG	TAG	0	0
mORF_-_1324558	1324558	1324569	-	5	12	GTG	TAA	0	0
mORF_-_1324666	1324666	1324689	-	5	24	TTG	TAA	0	0
mORF_-_1324677	1324677	1324700	-	4	24	ATG	TAA	0	0
mORF_-_1324693	1324693	1324728	-	5	36	TTG	TAA	0	0
mORF_-_1324755	1324755	1324778	-	4	24	TTG	TAA	0	0
mORF_-_1324775	1324775	1324864	-	6	90	TTG	TGA	0	0
mORF_-_1324792	1324792	1324821	-	5	30	GTG	TGA	0	0
mORF_-_1324818	1324818	1324829	-	4	12	GTG	TGA	0	0
mORF_-_1324839	1324839	1324976	-	4	138	TTG	TGA	0	0
mORF_-_1324888	1324888	1325070	-	5	183	TTG	TAG	0	0
mORF_-_1325006	1325006	1325179	-	6	174	GTG	TAA	0	0
mORF_-_1325091	1325091	1325237	-	4	147	GTG	TAA	0	0

mORF_-_1325231	1325231	1325272	-	6	42	TTG	TGA	0	0	
mORF_-_1325260	1325260	1325268	-	5	9	GTG	TAA	0	0	
mORF_-_1325313	1325313	1325429	-	4	117	TTG	TGA	0	0	
mORF_-_1325414	1325414	1325551	-	6	138	GTG	TGA	0	0	
mORF_-_1325589	1325589	1325663	-	4	75	ATG	TAG	0	0	
mORF_-_1325611	1325611	1325700	-	5	90	GTG	TAG	0	0	
mORF_-_1325630	1325630	1325755	-	6	126	TTG	TAG	0	0	
mORF_-_1325752	1325752	1325781	-	5	30	ATG	TGA	0	0	
mORF_-_1325791	1325791	1326381	-	5	591	ATG	TAA	2	4	pORF_-_1325791
mORF_-_1325817	1325817	1325858	-	4	42	GTG	TAA	0	0	
mORF_-_1325859	1325859	1325900	-	4	42	GTG	TAA	0	0	
mORF_-_1325876	1325876	1325896	-	6	21	TTG	TGA	0	0	
mORF_-_1325913	1325913	1325939	-	4	27	ATG	TGA	0	0	
mORF_-_1325940	1325940	1325978	-	4	39	ATG	TAA	0	0	
mORF_-_1325994	1325994	1326050	-	4	57	ATG	TGA	0	0	
mORF_-_1326123	1326123	1326170	-	4	48	ATG	TGA	0	0	
mORF_-_1326204	1326204	1326329	-	4	126	ATG	TAG	0	0	
mORF_-_1326342	1326342	1326377	-	4	36	GTG	TGA	0	0	
mORF_-_1326374	1326374	1326418	-	6	45	TTG	TGA	0	0	
mORF_-_1326378	1326378	1327136	-	4	759	ATG	TGA	7	18	pORF_-_1326378
mORF_-_1326422	1326422	1326448	-	6	27	ATG	TGA	0	0	
mORF_-_1326455	1326455	1326595	-	6	141	ATG	TGA	0	0	
mORF_-_1326611	1326611	1326760	-	6	150	ATG	TGA	0	0	
mORF_-_1326760	1326760	1326819	-	5	60	TTG	TAA	0	0	
mORF_-_1326809	1326809	1326880	-	6	72	TTG	TGA	0	0	
mORF_-_1326871	1326871	1326942	-	5	72	GTG	TAA	0	0	
mORF_-_1326980	1326980	1327003	-	6	24	ATG	TAG	0	0	
mORF_-_1327019	1327019	1327042	-	6	24	ATG	TGA	0	0	
mORF_-_1327046	1327046	1327072	-	6	27	ATG	TGA	0	0	
mORF_-_1327085	1327085	1327105	-	6	21	ATG	TGA	0	0	
mORF_-_1327102	1327102	1327149	-	5	48	TTG	TGA	0	0	
mORF_-_1327146	1327146	1327223	-	4	78	TTG	TGA	0	0	
mORF_-_1327180	1327180	1327344	-	5	165	TTG	TAA	0	0	
mORF_-_1327220	1327220	1327243	-	6	24	GTG	TGA	0	0	
mORF_-_1327224	1327224	1327265	-	4	42	ATG	TGA	0	0	
mORF_-_1327299	1327299	1327328	-	4	30	TTG	TAA	0	0	
mORF_-_1327337	1327337	1327444	-	6	108	TTG	TAA	0	0	
mORF_-_1327410	1327410	1327454	-	4	45	TTG	TAG	0	0	
mORF_-_1327451	1327451	1327492	-	6	42	TTG	TGA	0	0	
mORF_-_1327495	1327495	1327644	-	5	150	TTG	TGA	0	0	
mORF_-_1327548	1327548	1327700	-	4	153	ATG	TGA	0	0	
mORF_-_1327553	1327553	1327750	-	6	198	TTG	TGA	0	0	
mORF_-_1327678	1327678	1327746	-	5	69	ATG	TAA	0	0	
mORF_-_1327713	1327713	1327826	-	4	114	TTG	TAG	0	0	
mORF_-_1327760	1327760	1327795	-	6	36	ATG	TGA	0	0	
mORF_-_1327805	1327805	1327876	-	6	72	TTG	TAA	0	0	
mORF_-_1327857	1327857	1328204	-	4	348	TTG	TAA	0	0	
mORF_-_1327864	1327864	1327935	-	5	72	GTG	TAA	0	0	
mORF_-_1327895	1327895	1328050	-	6	156	GTG	TAA	0	0	
mORF_-_1328120	1328120	1328290	-	6	171	TTG	TGA	0	0	
mORF_-_1328128	1328128	1328181	-	5	54	TTG	TAA	0	0	
mORF_-_1328297	1328297	1328332	-	6	36	GTG	TAG	0	0	
mORF_-_1328329	1328329	1328538	-	5	210	ATG	TGA	0	0	
mORF_-_1328367	1328367	1328390	-	4	24	TTG	TAG	0	0	
mORF_-_1328441	1328441	1328692	-	6	252	ATG	TAA	9	20	pORF_-_1328441
mORF_-_1328539	1328539	1328628	-	5	90	GTG	TAG	0	0	
mORF_-_1328696	1328696	1328755	-	6	60	GTG	TAA	0	0	
mORF_-_1328716	1328716	1328766	-	5	51	TTG	TAA	0	0	
mORF_-_1328721	1328721	1328798	-	4	78	ATG	TAG	0	0	
mORF_-_1328800	1328800	1328916	-	5	117	TTG	TAG	0	0	
mORF_-_1328826	1328826	1328876	-	4	51	ATG	TGA	0	0	
mORF_-_1328849	1328849	1328884	-	6	36	TTG	TGA	0	0	
mORF_-_1328897	1328897	1329127	-	6	231	TTG	TAG	0	0	

mORF_-_1328956	1328956	1328994	-	5	39	ATG	TGA	0	0
mORF_-_1329057	1329057	1329170	-	4	114	GTG	TAA	0	0
mORF_-_1329088	1329088	1329108	-	5	21	TTG	TGA	0	0
mORF_-_1329167	1329167	1329304	-	6	138	TTG	TGA	0	0
mORF_-_1329195	1329195	1329437	-	4	243	GTG	TGA	0	0
mORF_-_1329274	1329274	1329432	-	5	159	ATG	TGA	0	0
mORF_-_1329317	1329317	1329388	-	6	72	ATG	TAG	0	0
mORF_-_1329389	1329389	1329427	-	6	39	ATG	TAG	0	0
mORF_-_1329470	1329470	1329754	-	6	285	GTG	TAG	0	0
mORF_-_1329499	1329499	1329522	-	5	24	ATG	TAG	0	0
mORF_-_1329703	1329703	1329759	-	5	57	ATG	TAA	0	0
mORF_-_1329777	1329777	1329944	-	4	168	TTG	TAA	0	0
mORF_-_1329791	1329791	1329823	-	6	33	TTG	TGA	0	0
mORF_-_1329817	1329817	1329900	-	5	84	TTG	TGA	0	0
mORF_-_1329866	1329866	1329985	-	6	120	ATG	TAG	0	0
mORF_-_1330016	1330016	1330024	-	6	9	GTG	TAG	0	0
mORF_-_1330025	1330025	1330045	-	6	21	GTG	TAA	0	0
mORF_-_1330087	1330087	1330155	-	5	69	GTG	TGA	0	0
mORF_-_1330130	1330130	1330192	-	6	63	TTG	TGA	0	0
mORF_-_1330152	1330152	1330166	-	4	15	GTG	TGA	0	0
mORF_-_1330189	1330189	1330377	-	5	189	TTG	TGA	0	0
mORF_-_1330259	1330259	1330486	-	6	228	TTG	TGA	0	0
mORF_-_1330419	1330419	1330478	-	4	60	GTG	TAA	0	0
mORF_-_1330462	1330462	1330467	-	5	6	GTG	TAA	0	0
mORF_-_1330501	1330501	1330512	-	5	12	ATG	TGA	0	0
mORF_-_1330559	1330559	1330582	-	6	24	ATG	TAG	0	0
mORF_-_1330622	1330622	1330651	-	6	30	GTG	TAG	0	0
mORF_-_1330680	1330680	1330769	-	4	90	GTG	TAA	0	0
mORF_-_1330696	1330696	1330734	-	5	39	TTG	TAA	0	0
mORF_-_1330766	1330766	1330909	-	6	144	GTG	TGA	0	0
mORF_-_1330794	1330794	1331228	-	4	435	GTG	TAA	0	0
mORF_-_1330934	1330934	1331071	-	6	138	GTG	TAG	0	0
mORF_-_1330972	1330972	1331046	-	5	75	TTG	TAA	0	0
mORF_-_1331084	1331084	1331092	-	6	9	ATG	TAG	0	0
mORF_-_1331089	1331089	1331133	-	5	45	TTG	TGA	0	0
mORF_-_1331144	1331144	1331173	-	6	30	ATG	TAA	0	0
mORF_-_1331173	1331173	1331526	-	5	354	GTG	TAA	0	0
mORF_-_1331180	1331180	1331287	-	6	108	GTG	TAA	0	0
mORF_-_1331367	1331367	1331585	-	4	219	TTG	TGA	0	0
mORF_-_1331375	1331375	1331425	-	6	51	GTG	TAA	0	0
mORF_-_1331507	1331507	1331578	-	6	72	TTG	TAA	0	0
mORF_-_1331563	1331563	1331793	-	5	231	GTG	TAA	0	0
mORF_-_1331633	1331633	1331647	-	6	15	TTG	TAA	0	0
mORF_-_1331682	1331682	1331699	-	4	18	TTG	TGA	0	0
mORF_-_1331723	1331723	1331731	-	6	9	ATG	TAA	0	0
mORF_-_1331733	1331733	1331747	-	4	15	GTG	TAA	0	0
mORF_-_1331744	1331744	1331749	-	6	6	GTG	TGA	0	0
mORF_-_1331805	1331805	1331822	-	4	18	GTG	TAA	0	0
mORF_-_1331815	1331815	1331880	-	5	66	ATG	TAA	0	0
mORF_-_1331885	1331885	1331923	-	6	39	ATG	TAA	0	0
mORF_-_1331899	1331899	1331919	-	5	21	TTG	TAG	0	0
mORF_-_1331916	1331916	1331966	-	4	51	GTG	TGA	0	0
mORF_-_1331956	1331956	1332015	-	5	60	ATG	TAA	0	0
mORF_-_1331963	1331963	1331986	-	6	24	TTG	TGA	0	0
mORF_-_1331988	1331988	1332206	-	4	219	TTG	TGA	0	0
mORF_-_1332008	1332008	1332139	-	6	132	GTG	TAG	0	0
mORF_-_1332016	1332016	1332177	-	5	162	GTG	TGA	0	0
mORF_-_1332158	1332158	1332181	-	6	24	ATG	TGA	0	0
mORF_-_1332193	1332193	1332216	-	5	24	TTG	TAG	0	0
mORF_-_1332200	1332200	1332337	-	6	138	ATG	TAA	0	0
mORF_-_1332222	1332222	1332275	-	4	54	GTG	TAA	0	0
mORF_-_1332232	1332232	1332324	-	5	93	GTG	TAA	0	0
mORF_-_1332359	1332359	1332451	-	6	93	TTG	TAA	0	0

mORF_-_1332367	1332367	1332396	-	5	30	GTG	TAG	0	0
mORF_-_1332403	1332403	1332567	-	5	165	ATG	TGA	0	0
mORF_-_1332429	1332429	1332467	-	4	39	ATG	TAA	0	0
mORF_-_1332543	1332543	1332551	-	4	9	TTG	TGA	0	0
mORF_-_1332574	1332574	1332615	-	5	42	ATG	TAA	0	0
mORF_-_1332584	1332584	1332760	-	6	177	ATG	TAA	0	0
mORF_-_1332661	1332661	1332690	-	5	30	TTG	TGA	0	0
mORF_-_1332672	1332672	1332686	-	4	15	TTG	TGA	0	0
mORF_-_1332724	1332724	1332741	-	5	18	ATG	TAA	0	0
mORF_-_1332738	1332738	1332794	-	4	57	ATG	TGA	0	0
mORF_-_1332742	1332742	1332822	-	5	81	ATG	TGA	0	0
mORF_-_1332825	1332825	1332875	-	4	51	GTG	TAA	0	0
mORF_-_1332863	1332863	1332955	-	6	93	ATG	TAA	0	0
mORF_-_1332925	1332925	1332939	-	5	15	TTG	TAG	0	0
mORF_-_1332988	1332988	1333020	-	5	33	TTG	TAG	0	0
mORF_-_1332992	1332992	1333006	-	6	15	TTG	TAA	0	0
mORF_-_1333030	1333030	1333038	-	5	9	TTG	TGA	0	0
mORF_-_1333035	1333035	1333055	-	4	21	GTG	TGA	0	0
mORF_-_1333089	1333089	1333115	-	4	27	ATG	TAG	0	0
mORF_-_1333123	1333123	1333143	-	5	21	TTG	TAA	0	0
mORF_-_1333127	1333127	1333135	-	6	9	TTG	TAA	0	0
mORF_-_1333140	1333140	1333286	-	4	147	GTG	TGA	0	0
mORF_-_1333198	1333198	1333332	-	5	135	TTG	TGA	0	0
mORF_-_1333313	1333313	1333348	-	6	36	ATG	TAG	0	0
mORF_-_1333323	1333323	1333367	-	4	45	TTG	TGA	0	0
mORF_-_1333348	1333348	1333419	-	5	72	TTG	TAA	0	0
mORF_-_1333400	1333400	1333426	-	6	27	ATG	TAA	0	0
mORF_-_1333420	1333420	1333479	-	5	60	TTG	TAG	0	0
mORF_-_1333442	1333442	1333492	-	6	51	ATG	TAA	0	0
mORF_-_1333467	1333467	1333505	-	4	39	ATG	TGA	0	0
mORF_-_1333508	1333508	1333543	-	6	36	TTG	TAA	0	0
mORF_-_1333527	1333527	1333535	-	4	9	GTG	TAA	0	0
mORF_-_1333556	1333556	1333681	-	6	126	ATG	TAA	0	0
mORF_-_1333561	1333561	1333569	-	5	9	TTG	TGA	0	0
mORF_-_1333581	1333581	1333733	-	4	153	GTG	TAA	0	0
mORF_-_1333600	1333600	1333608	-	5	9	TTG	TGA	0	0
mORF_-_1333681	1333681	1333755	-	5	75	TTG	TAA	0	0
mORF_-_1333718	1333718	1333771	-	6	54	TTG	TGA	0	0
mORF_-_1333776	1333776	1333808	-	4	33	GTG	TAA	0	0
mORF_-_1333798	1333798	1333842	-	5	45	ATG	TAA	0	0
mORF_-_1333842	1333842	1333901	-	4	60	TTG	TAA	0	0
mORF_-_1333853	1333853	1333864	-	6	12	TTG	TAG	0	0
mORF_-_1333867	1333867	1333917	-	5	51	GTG	TAG	0	0
mORF_-_1333920	1333920	1333982	-	4	63	TTG	TAG	0	0
mORF_-_1333940	1333940	1333948	-	6	9	GTG	TAG	0	0
mORF_-_1333958	1333958	1333978	-	6	21	GTG	TGA	0	0
mORF_-_1333975	1333975	1334076	-	5	102	ATG	TGA	0	0
mORF_-_1334027	1334027	1334107	-	6	81	TTG	TAA	0	0
mORF_-_1334094	1334094	1334312	-	4	219	TTG	TAG	0	0
mORF_-_1334126	1334126	1334161	-	6	36	TTG	TAA	0	0
mORF_-_1334174	1334174	1334200	-	6	27	TTG	TAA	0	0
mORF_-_1334204	1334204	1334218	-	6	15	GTG	TAA	0	0
mORF_-_1334215	1334215	1334496	-	5	282	GTG	TGA	0	0
mORF_-_1334231	1334231	1334278	-	6	48	ATG	TGA	0	0
mORF_-_1334322	1334322	1334390	-	4	69	ATG	TAA	0	0
mORF_-_1334397	1334397	1334423	-	4	27	TTG	TGA	0	0
mORF_-_1334402	1334402	1334476	-	6	75	GTG	TAA	0	0
mORF_-_1334463	1334463	1334684	-	4	222	TTG	TAA	0	0
mORF_-_1334507	1334507	1334563	-	6	57	TTG	TGA	0	0
mORF_-_1334626	1334626	1334688	-	5	63	ATG	TAA	0	0
mORF_-_1334666	1334666	1334926	-	6	261	TTG	TAA	0	0
mORF_-_1334715	1334715	1334792	-	4	78	GTG	TAA	0	0
mORF_-_1334829	1334829	1334834	-	4	6	ATG	TAA	0	0

mORF_-_1334859	1334859	1335065	-	4	207	GTG	TGA	0	0	
mORF_-_1334941	1334941	1335108	-	5	168	ATG	TAA	0	0	
mORF_-_1334984	1334984	1335031	-	6	48	ATG	TAG	0	0	
mORF_-_1335114	1335114	1335251	-	4	138	TTG	TGA	0	0	
mORF_-_1335118	1335118	1335240	-	5	123	TTG	TAA	0	0	
mORF_-_1335170	1335170	1335178	-	6	9	TTG	TAG	0	0	
mORF_-_1335230	1335230	1335244	-	6	15	ATG	TGA	0	0	
mORF_-_1335248	1335248	1335313	-	6	66	GTG	TGA	0	0	
mORF_-_1335288	1335288	1335452	-	4	165	TTG	TAA	0	0	
mORF_-_1335395	1335395	1335409	-	6	15	TTG	TAG	0	0	
mORF_-_1335424	1335424	1335654	-	5	231	TTG	TAA	0	0	
mORF_-_1335525	1335525	1335587	-	4	63	TTG	TAG	0	0	
mORF_-_1335569	1335569	1335628	-	6	60	GTG	TAG	0	0	
mORF_-_1335600	1335600	1335731	-	4	132	GTG	TAA	0	0	
mORF_-_1335728	1335728	1335853	-	6	126	TTG	TGA	0	0	
mORF_-_1335778	1335778	1335834	-	5	57	GTG	TAA	0	0	
mORF_-_1335831	1335831	1335875	-	4	45	GTG	TGA	0	0	
mORF_-_1335865	1335865	1335882	-	5	18	ATG	TGA	0	0	
mORF_-_1335931	1335931	1336077	-	5	147	ATG	TAG	0	0	
mORF_-_1335969	1335969	1336031	-	4	63	ATG	TAG	0	0	
mORF_-_1336078	1336078	1336137	-	5	60	TTG	TAA	0	0	
mORF_-_1336100	1336100	1336201	-	6	102	TTG	TAG	0	0	
mORF_-_1336174	1336174	1336260	-	5	87	GTG	TGA	0	0	
mORF_-_1336257	1336257	1336460	-	4	204	GTG	TGA	0	0	
mORF_-_1336270	1336270	1336308	-	5	39	TTG	TAA	0	0	
mORF_-_1336333	1336333	1336371	-	5	39	TTG	TAG	0	0	
mORF_-_1336375	1336375	1336533	-	5	159	TTG	TAG	0	0	
mORF_-_1336479	1336479	1336496	-	4	18	ATG	TAG	0	0	
mORF_-_1336503	1336503	1336583	-	4	81	TTG	TAA	0	0	
mORF_-_1336508	1336508	1336588	-	6	81	TTG	TGA	0	0	
mORF_-_1336549	1336549	1336566	-	5	18	TTG	TAA	0	0	
mORF_-_1336576	1336576	1336581	-	5	6	GTG	TAA	0	0	
mORF_-_1336594	1336594	1337247	-	5	654	GTG	TAA	7	21	pORF_-_1336594
mORF_-_1336665	1336665	1336670	-	4	6	TTG	TAG	0	0	
mORF_-_1336671	1336671	1336691	-	4	21	TTG	TGA	0	0	
mORF_-_1336740	1336740	1336808	-	4	69	ATG	TAA	0	0	
mORF_-_1336781	1336781	1336789	-	6	9	TTG	TGA	0	0	
mORF_-_1336887	1336887	1336952	-	4	66	TTG	TGA	0	0	
mORF_-_1336901	1336901	1336987	-	6	87	TTG	TAA	0	0	
mORF_-_1336959	1336959	1337015	-	4	57	GTG	TGA	0	0	
mORF_-_1337012	1337012	1337026	-	6	15	ATG	TGA	0	0	
mORF_-_1337019	1337019	1337075	-	4	57	ATG	TGA	0	0	
mORF_-_1337079	1337079	1337117	-	4	39	TTG	TAG	0	0	
mORF_-_1337114	1337114	1337143	-	6	30	ATG	TGA	0	0	
mORF_-_1337127	1337127	1337171	-	4	45	GTG	TGA	0	0	
mORF_-_1337219	1337219	1337230	-	6	12	ATG	TAA	0	0	
mORF_-_1337244	1337244	1337294	-	4	51	TTG	TGA	0	0	
mORF_-_1337248	1337248	1337283	-	5	36	GTG	TAG	0	0	
mORF_-_1337291	1337291	1337341	-	6	51	TTG	TGA	0	0	
mORF_-_1337316	1337316	1337393	-	4	78	GTG	TGA	0	0	
mORF_-_1337338	1337338	1337649	-	5	312	TTG	TGA	0	0	
mORF_-_1337393	1337393	1337455	-	6	63	TTG	TAG	0	0	
mORF_-_1337465	1337465	1337524	-	6	60	ATG	TAG	0	0	
mORF_-_1337517	1337517	1337522	-	4	6	GTG	TAA	0	0	
mORF_-_1337568	1337568	1337609	-	4	42	TTG	TAA	0	0	
mORF_-_1337585	1337585	1337698	-	6	114	ATG	TAA	0	0	
mORF_-_1337640	1337640	1337663	-	4	24	GTG	TGA	0	0	
mORF_-_1337673	1337673	1337867	-	4	195	GTG	TAA	0	0	
mORF_-_1337716	1337716	1337721	-	5	6	GTG	TAG	0	0	
mORF_-_1337747	1337747	1337788	-	6	42	TTG	TAG	0	0	
mORF_-_1337798	1337798	1337842	-	6	45	GTG	TGA	0	0	
mORF_-_1337839	1337839	1337946	-	5	108	ATG	TGA	0	0	
mORF_-_1337906	1337906	1338046	-	6	141	TTG	TAA	0	0	

mORF_-_1337916	1337916	1337936	-	4	21	TTG	TAG	0	0	
mORF_-_1337943	1337943	1337981	-	4	39	GTG	TGA	0	0	
mORF_-_1337997	1337997	1338251	-	4	255	GTG	TAG	0	0	
mORF_-_1338062	1338062	1338109	-	6	48	TTG	TAA	0	0	
mORF_-_1338146	1338146	1338160	-	6	15	TTG	TAA	0	0	
mORF_-_1338203	1338203	1338322	-	6	120	GTG	TAA	0	0	
mORF_-_1338211	1338211	1338231	-	5	21	ATG	TAG	0	0	
mORF_-_1338297	1338297	1338344	-	4	48	TTG	TAA	0	0	
mORF_-_1338355	1338355	1338396	-	5	42	ATG	TAA	0	0	
mORF_-_1338359	1338359	1338394	-	6	36	GTG	TAA	0	0	
mORF_-_1338366	1338366	1338374	-	4	9	TTG	TAA	0	0	
mORF_-_1338427	1338427	1338525	-	5	99	GTG	TAG	0	0	
mORF_-_1338522	1338522	1338554	-	4	33	GTG	TGA	0	0	
mORF_-_1338558	1338558	1338857	-	4	300	ATG	TGA	0	0	
mORF_-_1338623	1338623	1338679	-	6	57	TTG	TAG	0	0	
mORF_-_1338728	1338728	1338853	-	6	126	ATG	TGA	0	0	
mORF_-_1338864	1338864	1338917	-	4	54	TTG	TAG	0	0	
mORF_-_1338929	1338929	1338973	-	6	45	TTG	TAA	0	0	
mORF_-_1338945	1338945	1339016	-	4	72	TTG	TAA	0	0	
mORF_-_1338974	1338974	1339003	-	6	30	ATG	TGA	0	0	
mORF_-_1339023	1339023	1339124	-	4	102	ATG	TAG	0	0	
mORF_-_1339039	1339039	1339062	-	5	24	TTG	TAG	0	0	
mORF_-_1339127	1339127	1339276	-	6	150	TTG	TAG	0	0	
mORF_-_1339137	1339137	1339151	-	4	15	ATG	TAA	0	0	
mORF_-_1339188	1339188	1339538	-	4	351	ATG	TAG	0	0	
mORF_-_1339358	1339358	1339456	-	6	99	ATG	TGA	0	0	
mORF_-_1339453	1339453	1339485	-	5	33	GTG	TGA	0	0	
mORF_-_1339514	1339514	1339525	-	6	12	ATG	TGA	0	0	
mORF_-_1339542	1339542	1339556	-	4	15	GTG	TAA	0	0	
mORF_-_1339550	1339550	1339612	-	6	63	ATG	TAA	0	0	
mORF_-_1339557	1339557	1339691	-	4	135	ATG	TAA	0	0	
mORF_-_1339643	1339643	1339678	-	6	36	GTG	TAA	0	0	
mORF_-_1339666	1339666	1339716	-	5	51	TTG	TAA	0	0	
mORF_-_1339682	1339682	1339720	-	6	39	ATG	TAG	0	0	
mORF_-_1339776	1339776	1339856	-	4	81	TTG	TAA	0	0	
mORF_-_1339786	1339786	1339932	-	5	147	TTG	TAG	0	0	
mORF_-_1339793	1339793	1339804	-	6	12	ATG	TAA	0	0	
mORF_-_1339860	1339860	1339877	-	4	18	GTG	TAA	0	0	
mORF_-_1339896	1339896	1339913	-	4	18	GTG	TAA	0	0	
mORF_-_1339929	1339929	1339946	-	4	18	ATG	TGA	0	0	
mORF_-_1339943	1339943	1339963	-	6	21	ATG	TGA	0	0	
mORF_-_1339960	1339960	1340193	-	5	234	GTG	TGA	0	0	
mORF_-_1339979	1339979	1340059	-	6	81	GTG	TAA	0	0	
mORF_-_1340013	1340013	1340084	-	4	72	TTG	TGA	0	0	
mORF_-_1340093	1340093	1340413	-	6	321	GTG	TAA	0	0	
mORF_-_1340127	1340127	1340183	-	4	57	GTG	TGA	0	0	
mORF_-_1340215	1340215	1340241	-	5	27	ATG	TAA	0	0	
mORF_-_1340238	1340238	1340372	-	4	135	ATG	TGA	0	0	
mORF_-_1340380	1340380	1340622	-	5	243	TTG	TGA	0	0	
mORF_-_1340487	1340487	1340555	-	4	69	ATG	TGA	0	0	
mORF_-_1340592	1340592	1340657	-	4	66	TTG	TAA	0	0	
mORF_-_1340654	1340654	1340695	-	6	42	TTG	TGA	0	0	
mORF_-_1340665	1340665	1340715	-	5	51	TTG	TAA	0	0	
mORF_-_1340708	1340708	1340743	-	6	36	TTG	TAG	0	0	
mORF_-_1340830	1340830	1340865	-	5	36	TTG	TAA	0	0	
mORF_-_1340923	1340923	1341021	-	5	99	GTG	TAA	0	0	
mORF_-_1340964	1340964	1341011	-	4	48	ATG	TAG	0	0	
mORF_-_1341068	1341068	1341091	-	6	24	TTG	TAA	0	0	
mORF_-_1341097	1341097	1341123	-	5	27	ATG	TAA	0	0	
mORF_-_1341124	1341124	1341180	-	5	57	GTG	TAA	0	0	
mORF_-_1341134	1341134	1341352	-	6	219	ATG	TAA	3	428	pORF_-_1341134
mORF_-_1341181	1341181	1341204	-	5	24	ATG	TAG	0	0	
mORF_-_1341208	1341208	1341219	-	5	12	GTG	TGA	0	0	

mORF_-_1341223	1341223	1341288	-	5	66	GTG	TAG	0	0	
mORF_-_1341276	1341276	1341380	-	4	105	GTG	TAA	0	0	
mORF_-_1341343	1341343	1341348	-	5	6	TTG	TAA	0	0	
mORF_-_1341377	1341377	1341556	-	6	180	TTG	TGA	0	0	
mORF_-_1341460	1341460	1341468	-	5	9	GTG	TAA	0	0	
mORF_-_1341553	1341553	1341567	-	5	15	ATG	TGA	0	0	
mORF_-_1341564	1341564	1341596	-	4	33	TTG	TGA	0	0	
mORF_-_1341569	1341569	1341661	-	6	93	TTG	TAA	0	0	
mORF_-_1341621	1341621	1342370	-	4	750	ATG	TAA	18	48	pORF_-_1341621
mORF_-_1341701	1341701	1341754	-	6	54	TTG	TGA	0	0	
mORF_-_1341766	1341766	1341789	-	5	24	GTG	TGA	0	0	
mORF_-_1341776	1341776	1341817	-	6	42	ATG	TAG	0	0	
mORF_-_1341827	1341827	1341877	-	6	51	TTG	TGA	0	0	
mORF_-_1341868	1341868	1341912	-	5	45	GTG	TGA	0	0	
mORF_-_1341920	1341920	1341982	-	6	63	GTG	TGA	0	0	
mORF_-_1341979	1341979	1341984	-	5	6	TTG	TGA	0	0	
mORF_-_1341995	1341995	1342150	-	6	156	GTG	TGA	0	0	
mORF_-_1342172	1342172	1342225	-	6	54	GTG	TGA	0	0	
mORF_-_1342310	1342310	1342333	-	6	24	TTG	TAA	0	0	
mORF_-_1342399	1342399	1342575	-	5	177	TTG	TAA	0	0	
mORF_-_1342431	1342431	1342472	-	4	42	GTG	TGA	0	0	
mORF_-_1342460	1342460	1342642	-	6	183	ATG	TAA	2	14	pORF_-_1342460
mORF_-_1342582	1342582	1342623	-	5	42	TTG	TAG	0	0	
mORF_-_1342626	1342626	1342676	-	4	51	TTG	TGA	0	0	
mORF_-_1342645	1342645	1342710	-	5	66	TTG	TAA	0	0	
mORF_-_1342701	1342701	1342724	-	4	24	ATG	TAA	0	0	
mORF_-_1342759	1342759	1342776	-	5	18	ATG	TAG	0	0	
mORF_-_1342781	1342781	1344766	-	6	1986	ATG	TAA	0	0	
mORF_-_1342792	1342792	1342866	-	5	75	ATG	TGA	0	0	
mORF_-_1342882	1342882	1342905	-	5	24	GTG	TAA	0	0	
mORF_-_1342909	1342909	1342914	-	5	6	GTG	TAG	0	0	
mORF_-_1342936	1342936	1343106	-	5	171	GTG	TGA	0	0	
mORF_-_1343107	1343107	1343157	-	5	51	TTG	TAG	0	0	
mORF_-_1343154	1343154	1343165	-	4	12	TTG	TGA	0	0	
mORF_-_1343173	1343173	1343184	-	5	12	ATG	TGA	0	0	
mORF_-_1343185	1343185	1343202	-	5	18	TTG	TAG	0	0	
mORF_-_1343293	1343293	1343334	-	5	42	ATG	TAA	0	0	
mORF_-_1343301	1343301	1343348	-	4	48	TTG	TAA	0	0	
mORF_-_1343353	1343353	1343364	-	5	12	TTG	TAG	0	0	
mORF_-_1343410	1343410	1343418	-	5	9	GTG	TGA	0	0	
mORF_-_1343421	1343421	1343435	-	4	15	TTG	TGA	0	0	
mORF_-_1343440	1343440	1343556	-	5	117	TTG	TAG	0	0	
mORF_-_1343553	1343553	1343591	-	4	39	TTG	TGA	0	0	
mORF_-_1343569	1343569	1343688	-	5	120	TTG	TGA	0	0	
mORF_-_1343692	1343692	1343718	-	5	27	TTG	TAG	0	0	
mORF_-_1343719	1343719	1343727	-	5	9	TTG	TAA	0	0	
mORF_-_1343752	1343752	1343850	-	5	99	ATG	TGA	0	0	
mORF_-_1343863	1343863	1343985	-	5	123	ATG	TAA	0	0	
mORF_-_1344118	1344118	1344276	-	5	159	GTG	TAA	0	0	
mORF_-_1344189	1344189	1344206	-	4	18	GTG	TAA	0	0	
mORF_-_1344283	1344283	1344312	-	5	30	TTG	TGA	0	0	
mORF_-_1344328	1344328	1344348	-	5	21	GTG	TGA	0	0	
mORF_-_1344345	1344345	1344350	-	4	6	ATG	TGA	0	0	
mORF_-_1344418	1344418	1344477	-	5	60	ATG	TAG	0	0	
mORF_-_1344474	1344474	1344503	-	4	30	ATG	TGA	0	0	
mORF_-_1344526	1344526	1344555	-	5	30	ATG	TAG	0	0	
mORF_-_1344595	1344595	1344684	-	5	90	ATG	TGA	0	0	
mORF_-_1344753	1344753	1344773	-	4	21	ATG	TAG	0	0	
mORF_-_1344783	1344783	1344821	-	4	39	ATG	TAA	0	0	
mORF_-_1344825	1344825	1344854	-	4	30	ATG	TAA	0	0	
mORF_-_1344871	1344871	1344978	-	5	108	ATG	TAA	0	0	
mORF_-_1344917	1344917	1345066	-	6	150	TTG	TGA	0	0	
mORF_-_1344921	1344921	1344974	-	4	54	ATG	TAA	0	0	

mORF_-_1345002	1345002	1346936	-	4	1935	ATG	TAA	119	1231	pORF_-_1345002
mORF_-_1345076	1345076	1345234	-	6	159	TTG	TGA	0	0	
mORF_-_1345099	1345099	1345131	-	5	33	TTG	TAA	0	0	
mORF_-_1345274	1345274	1345363	-	6	90	ATG	TGA	0	0	
mORF_-_1345421	1345421	1345627	-	6	207	ATG	TGA	0	0	
mORF_-_1345643	1345643	1345756	-	6	114	TTG	TGA	0	0	
mORF_-_1345717	1345717	1345743	-	5	27	TTG	TAA	0	0	
mORF_-_1345757	1345757	1345831	-	6	75	GTG	TGA	0	0	
mORF_-_1345879	1345879	1345908	-	5	30	TTG	TAA	0	0	
mORF_-_1345916	1345916	1346065	-	6	150	ATG	TAG	0	0	
mORF_-_1346065	1346065	1346088	-	5	24	ATG	TGA	0	0	
mORF_-_1346078	1346078	1346263	-	6	186	TTG	TGA	0	0	
mORF_-_1346227	1346227	1346238	-	5	12	GTG	TGA	0	0	
mORF_-_1346264	1346264	1346347	-	6	84	TTG	TGA	0	0	
mORF_-_1346360	1346360	1346479	-	6	120	TTG	TGA	0	0	
mORF_-_1346431	1346431	1346457	-	5	27	GTG	TAA	0	0	
mORF_-_1346495	1346495	1346506	-	6	12	ATG	TGA	0	0	
mORF_-_1346525	1346525	1346551	-	6	27	TTG	TGA	0	0	
mORF_-_1346569	1346569	1346604	-	5	36	TTG	TAA	0	0	
mORF_-_1346582	1346582	1346590	-	6	9	GTG	TGA	0	0	
mORF_-_1346618	1346618	1346656	-	6	39	ATG	TAA	0	0	
mORF_-_1346687	1346687	1346740	-	6	54	GTG	TGA	0	0	
mORF_-_1346747	1346747	1346770	-	6	24	ATG	TGA	0	0	
mORF_-_1346783	1346783	1346839	-	6	57	TTG	TGA	0	0	
mORF_-_1346902	1346902	1346958	-	5	57	ATG	TAA	0	0	
mORF_-_1346912	1346912	1347001	-	6	90	TTG	TAG	0	0	
mORF_-_1346976	1346976	1347017	-	4	42	GTG	TAA	0	0	
mORF_-_1347004	1347004	1348209	-	5	1206	TTG	TAA	1	12	pORF_-_1347004
mORF_-_1347014	1347014	1347064	-	6	51	ATG	TGA	0	0	
mORF_-_1347039	1347039	1347050	-	4	12	GTG	TAA	0	0	
mORF_-_1347131	1347131	1347160	-	6	30	ATG	TAG	0	0	
mORF_-_1347153	1347153	1347305	-	4	153	ATG	TGA	0	0	
mORF_-_1347200	1347200	1347208	-	6	9	ATG	TGA	0	0	
mORF_-_1347260	1347260	1347319	-	6	60	ATG	TGA	0	0	
mORF_-_1347306	1347306	1347332	-	4	27	TTG	TAA	0	0	
mORF_-_1347338	1347338	1347433	-	6	96	TTG	TAA	0	0	
mORF_-_1347369	1347369	1347632	-	4	264	TTG	TAA	0	0	
mORF_-_1347648	1347648	1347680	-	4	33	ATG	TGA	0	0	
mORF_-_1347681	1347681	1347857	-	4	177	TTG	TGA	0	0	
mORF_-_1347824	1347824	1347847	-	6	24	TTG	TAA	0	0	
mORF_-_1347861	1347861	1347884	-	4	24	ATG	TGA	0	0	
mORF_-_1347909	1347909	1347998	-	4	90	TTG	TGA	0	0	
mORF_-_1347923	1347923	1347967	-	6	45	ATG	TGA	0	0	
mORF_-_1348002	1348002	1348091	-	4	90	ATG	TGA	0	0	
mORF_-_1348213	1348213	1348266	-	5	54	TTG	TGA	0	0	
mORF_-_1348275	1348275	1349063	-	4	789	ATG	TAA	91	2479	pORF_-_1348275
mORF_-_1348295	1348295	1348624	-	6	330	TTG	TGA	0	0	
mORF_-_1348336	1348336	1348368	-	5	33	GTG	TGA	0	0	
mORF_-_1348396	1348396	1348437	-	5	42	TTG	TGA	0	0	
mORF_-_1348615	1348615	1348674	-	5	60	TTG	TGA	0	0	
mORF_-_1348658	1348658	1348912	-	6	255	TTG	TGA	0	0	
mORF_-_1348807	1348807	1348821	-	5	15	TTG	TGA	0	0	
mORF_-_1348834	1348834	1348878	-	5	45	GTG	TGA	0	0	
mORF_-_1348931	1348931	1349026	-	6	96	GTG	TGA	0	0	
mORF_-_1349075	1349075	1349161	-	6	87	TTG	TAA	0	0	
mORF_-_1349158	1349158	1349235	-	5	78	GTG	TGA	0	0	
mORF_-_1349232	1349232	1349384	-	4	153	ATG	TGA	0	0	
mORF_-_1349237	1349237	1349278	-	6	42	TTG	TAG	0	0	
mORF_-_1349285	1349285	1349299	-	6	15	TTG	TAA	0	0	
mORF_-_1349306	1349306	1349329	-	6	24	ATG	TGA	0	0	
mORF_-_1349348	1349348	1349395	-	6	48	GTG	TGA	0	0	
mORF_-_1349389	1349389	1349397	-	5	9	TTG	TGA	0	0	
mORF_-_1349431	1349431	1349784	-	5	354	GTG	TGA	0	0	

mORF_-_1349454	1349454	1349576	-	4	123	TTG	TGA	0	0	
mORF_-_1349492	1349492	1349497	-	6	6	TTG	TAA	0	0	
mORF_-_1349580	1349580	1349609	-	4	30	TTG	TAG	0	0	
mORF_-_1349606	1349606	1349632	-	6	27	TTG	TGA	0	0	
mORF_-_1349613	1349613	1349687	-	4	75	GTG	TAG	0	0	
mORF_-_1349748	1349748	1349762	-	4	15	ATG	TAA	0	0	
mORF_-_1349781	1349781	1349789	-	4	9	ATG	TGA	0	0	
mORF_-_1349786	1349786	1349797	-	6	12	TTG	TGA	0	0	
mORF_-_1349812	1349812	1349874	-	5	63	ATG	TGA	0	0	
mORF_-_1349852	1349852	1350658	-	6	807	ATG	TAA	3	8	pORF_-_1349852
mORF_-_1349862	1349862	1349870	-	4	9	GTG	TAA	0	0	
mORF_-_1349881	1349881	1349907	-	5	27	TTG	TGA	0	0	
mORF_-_1349908	1349908	1349973	-	5	66	TTG	TGA	0	0	
mORF_-_1350019	1350019	1350042	-	5	24	ATG	TGA	0	0	
mORF_-_1350091	1350091	1350141	-	5	51	TTG	TGA	0	0	
mORF_-_1350163	1350163	1350267	-	5	105	TTG	TGA	0	0	
mORF_-_1350382	1350382	1350441	-	5	60	TTG	TGA	0	0	
mORF_-_1350469	1350469	1350546	-	5	78	GTG	TGA	0	0	
mORF_-_1350625	1350625	1350642	-	5	18	TTG	TAA	0	0	
mORF_-_1350655	1350655	1350780	-	5	126	TTG	TGA	0	0	
mORF_-_1350660	1350660	1351652	-	4	993	ATG	TGA	2	4	pORF_-_1350660
mORF_-_1350677	1350677	1350697	-	6	21	ATG	TGA	0	0	
mORF_-_1350731	1350731	1350784	-	6	54	TTG	TGA	0	0	
mORF_-_1350911	1350911	1351003	-	6	93	ATG	TGA	0	0	
mORF_-_1350970	1350970	1350981	-	5	12	ATG	TAA	0	0	
mORF_-_1351049	1351049	1351111	-	6	63	TTG	TGA	0	0	
mORF_-_1351105	1351105	1351164	-	5	60	ATG	TGA	0	0	
mORF_-_1351112	1351112	1351141	-	6	30	TTG	TGA	0	0	
mORF_-_1351151	1351151	1351168	-	6	18	GTG	TGA	0	0	
mORF_-_1351175	1351175	1351267	-	6	93	TTG	TGA	0	0	
mORF_-_1351240	1351240	1351281	-	5	42	TTG	TGA	0	0	
mORF_-_1351316	1351316	1351348	-	6	33	TTG	TGA	0	0	
mORF_-_1351345	1351345	1351353	-	5	9	GTG	TGA	0	0	
mORF_-_1351373	1351373	1351468	-	6	96	GTG	TGA	0	0	
mORF_-_1351480	1351480	1351494	-	5	15	TTG	TAA	0	0	
mORF_-_1351484	1351484	1351507	-	6	24	TTG	TGA	0	0	
mORF_-_1351508	1351508	1351555	-	6	48	GTG	TGA	0	0	
mORF_-_1351574	1351574	1351621	-	6	48	TTG	TAA	0	0	
mORF_-_1351591	1351591	1351599	-	5	9	GTG	TAA	0	0	
mORF_-_1351630	1351630	1351695	-	5	66	TTG	TAA	0	0	
mORF_-_1351652	1351652	1352542	-	6	891	ATG	TAA	0	0	
mORF_-_1351716	1351716	1351754	-	4	39	GTG	TAG	0	0	
mORF_-_1351720	1351720	1351764	-	5	45	ATG	TGA	0	0	
mORF_-_1351768	1351768	1351785	-	5	18	GTG	TGA	0	0	
mORF_-_1351782	1351782	1351802	-	4	21	ATG	TGA	0	0	
mORF_-_1351918	1351918	1351926	-	5	9	TTG	TGA	0	0	
mORF_-_1351939	1351939	1352085	-	5	147	TTG	TGA	0	0	
mORF_-_1352089	1352089	1352223	-	5	135	TTG	TAG	0	0	
mORF_-_1352227	1352227	1352244	-	5	18	GTG	TGA	0	0	
mORF_-_1352278	1352278	1352547	-	5	270	ATG	TAA	0	0	
mORF_-_1352301	1352301	1352417	-	4	117	GTG	TGA	0	0	
mORF_-_1352529	1352529	1353494	-	4	966	ATG	TAG	1	2	pORF_-_1352529
mORF_-_1352558	1352558	1352578	-	6	21	GTG	TGA	0	0	
mORF_-_1352594	1352594	1352623	-	6	30	GTG	TGA	0	0	
mORF_-_1352599	1352599	1352625	-	5	27	GTG	TAA	0	0	
mORF_-_1352849	1352849	1352866	-	6	18	ATG	TAA	0	0	
mORF_-_1352900	1352900	1352920	-	6	21	TTG	TGA	0	0	
mORF_-_1352969	1352969	1353010	-	6	42	TTG	TGA	0	0	
mORF_-_1352974	1352974	1352985	-	5	12	ATG	TGA	0	0	
mORF_-_1353007	1353007	1353096	-	5	90	TTG	TGA	1	2	pORF_-_1353007
mORF_-_1353011	1353011	1353019	-	6	9	TTG	TGA	0	0	
mORF_-_1353164	1353164	1353202	-	6	39	TTG	TGA	0	0	
mORF_-_1353169	1353169	1353180	-	5	12	GTG	TAA	0	0	

mORF_-_1353181	1353181	1353255	-	5	75	GTG	TAA	0	0	
mORF_-_1353203	1353203	1353226	-	6	24	TTG	TGA	0	0	
mORF_-_1353227	1353227	1353235	-	6	9	TTG	TGA	0	0	
mORF_-_1353284	1353284	1353328	-	6	45	TTG	TAA	0	0	
mORF_-_1353341	1353341	1353400	-	6	60	ATG	TGA	0	0	
mORF_-_1353349	1353349	1353375	-	5	27	GTG	TAA	0	0	
mORF_-_1353416	1353416	1353430	-	6	15	TTG	TGA	0	0	
mORF_-_1353437	1353437	1353457	-	6	21	TTG	TGA	0	0	
mORF_-_1353491	1353491	1355134	-	6	1644	ATG	TGA	10	24	pORF_-_1353491
mORF_-_1353502	1353502	1353672	-	5	171	TTG	TGA	0	0	
mORF_-_1353705	1353705	1353737	-	4	33	GTG	TAA	0	0	
mORF_-_1353810	1353810	1353827	-	4	18	TTG	TAA	0	0	
mORF_-_1353838	1353838	1353846	-	5	9	ATG	TGA	0	0	
mORF_-_1353843	1353843	1353995	-	4	153	GTG	TGA	0	0	
mORF_-_1353886	1353886	1353897	-	5	12	TTG	TAG	0	0	
mORF_-_1353907	1353907	1353915	-	5	9	TTG	TAA	0	0	
mORF_-_1354030	1354030	1354137	-	5	108	ATG	TGA	0	0	
mORF_-_1354083	1354083	1354094	-	4	12	GTG	TGA	0	0	
mORF_-_1354153	1354153	1354188	-	5	36	ATG	TGA	0	0	
mORF_-_1354267	1354267	1354290	-	5	24	GTG	TAA	0	0	
mORF_-_1354287	1354287	1354337	-	4	51	ATG	TGA	0	0	
mORF_-_1354405	1354405	1354434	-	5	30	ATG	TAA	0	0	
mORF_-_1354431	1354431	1354595	-	4	165	GTG	TGA	0	0	
mORF_-_1354537	1354537	1354632	-	5	96	TTG	TAG	0	0	
mORF_-_1354663	1354663	1354779	-	5	117	ATG	TGA	0	0	
mORF_-_1354719	1354719	1354727	-	4	9	GTG	TAA	0	0	
mORF_-_1354780	1354780	1354887	-	5	108	TTG	TGA	0	0	
mORF_-_1354897	1354897	1354965	-	5	69	TTG	TGA	0	0	
mORF_-_1354966	1354966	1355088	-	5	123	GTG	TAA	0	0	
mORF_-_1354992	1354992	1355021	-	4	30	TTG	TAA	0	0	
mORF_-_1355089	1355089	1355103	-	5	15	TTG	TGA	0	0	
mORF_-_1355139	1355139	1355186	-	4	48	ATG	TAA	0	0	
mORF_-_1355170	1355170	1355193	-	5	24	ATG	TAG	0	0	
mORF_-_1355177	1355177	1355377	-	6	201	ATG	TAA	0	0	
mORF_-_1355206	1355206	1355271	-	5	66	ATG	TGA	0	0	
mORF_-_1355295	1355295	1355312	-	4	18	TTG	TAG	0	0	
mORF_-_1355314	1355314	1355352	-	5	39	ATG	TAA	0	0	
mORF_-_1355352	1355352	1355438	-	4	87	TTG	TAA	0	0	
mORF_-_1355404	1355404	1355454	-	5	51	ATG	TAA	0	0	
mORF_-_1355439	1355439	1355447	-	4	9	ATG	TAA	0	0	
mORF_-_1355447	1355447	1355692	-	6	246	ATG	TAA	5	10	pORF_-_1355447
mORF_-_1355454	1355454	1355462	-	4	9	ATG	TAA	0	0	
mORF_-_1355467	1355467	1355556	-	5	90	ATG	TGA	0	0	
mORF_-_1355563	1355563	1355664	-	5	102	TTG	TGA	0	0	
mORF_-_1355610	1355610	1355636	-	4	27	ATG	TGA	0	0	
mORF_-_1355661	1355661	1355741	-	4	81	GTG	TGA	0	0	
mORF_-_1355708	1355708	1355836	-	6	129	GTG	TAA	0	0	
mORF_-_1355716	1355716	1355757	-	5	42	ATG	TAG	0	0	
mORF_-_1355826	1355826	1357265	-	4	1440	TTG	TAA	2	5	pORF_-_1355826
mORF_-_1355837	1355837	1355860	-	6	24	ATG	TGA	0	0	
mORF_-_1355857	1355857	1355925	-	5	69	ATG	TGA	0	0	
mORF_-_1355939	1355939	1355974	-	6	36	GTG	TGA	0	0	
mORF_-_1355959	1355959	1355967	-	5	9	GTG	TAA	0	0	
mORF_-_1355981	1355981	1355992	-	6	12	TTG	TGA	0	0	
mORF_-_1356080	1356080	1356106	-	6	27	GTG	TGA	0	0	
mORF_-_1356112	1356112	1356204	-	5	93	ATG	TAA	0	0	
mORF_-_1356134	1356134	1356250	-	6	117	GTG	TAG	0	0	
mORF_-_1356257	1356257	1356286	-	6	30	ATG	TGA	0	0	
mORF_-_1356314	1356314	1356466	-	6	153	GTG	TGA	0	0	
mORF_-_1356539	1356539	1356574	-	6	36	TTG	TGA	0	0	
mORF_-_1356599	1356599	1356649	-	6	51	TTG	TGA	0	0	
mORF_-_1356677	1356677	1356724	-	6	48	TTG	TAG	0	0	
mORF_-_1356739	1356739	1356810	-	5	72	GTG	TAA	0	0	

mORF_-_1356866	1356866	1357090	-	6	225	TTG	TGA	0	0	
mORF_-_1357087	1357087	1357140	-	5	54	GTG	TGA	0	0	
mORF_-_1357145	1357145	1357186	-	6	42	TTG	TGA	0	0	
mORF_-_1357201	1357201	1357368	-	5	168	ATG	TAA	0	0	
mORF_-_1357272	1357272	1357343	-	4	72	ATG	TAA	0	0	
mORF_-_1357304	1357304	1357324	-	6	21	ATG	TGA	0	0	
mORF_-_1357365	1357365	1357373	-	4	9	ATG	TGA	0	0	
mORF_-_1357370	1357370	1357384	-	6	15	GTG	TGA	0	0	
mORF_-_1357389	1357389	1357463	-	4	75	TTG	TAA	0	0	
mORF_-_1357396	1357396	1357437	-	5	42	ATG	TAA	0	0	
mORF_-_1357454	1357454	1357507	-	6	54	TTG	TAA	0	0	
mORF_-_1357467	1357467	1357535	-	4	69	GTG	TGA	0	0	
mORF_-_1357514	1357514	1359010	-	6	1497	TTG	TAA	5	18	pORF_-_1357514
mORF_-_1357525	1357525	1357605	-	5	81	ATG	TGA	0	0	
mORF_-_1357621	1357621	1357773	-	5	153	TTG	TAG	0	0	
mORF_-_1357786	1357786	1357914	-	5	129	ATG	TGA	0	0	
mORF_-_1357839	1357839	1357856	-	4	18	GTG	TAA	0	0	
mORF_-_1357884	1357884	1357895	-	4	12	GTG	TAA	0	0	
mORF_-_1357981	1357981	1357989	-	5	9	TTG	TGA	0	0	
mORF_-_1358011	1358011	1358115	-	5	105	ATG	TGA	0	0	
mORF_-_1358179	1358179	1358274	-	5	96	ATG	TAA	0	0	
mORF_-_1358284	1358284	1358382	-	5	99	ATG	TGA	0	0	
mORF_-_1358418	1358418	1358504	-	4	87	GTG	TGA	0	0	
mORF_-_1358464	1358464	1358556	-	5	93	ATG	TAG	0	0	
mORF_-_1358553	1358553	1358786	-	4	234	TTG	TGA	0	0	
mORF_-_1358611	1358611	1358634	-	5	24	GTG	TAA	0	0	
mORF_-_1358683	1358683	1358709	-	5	27	TTG	TAG	0	0	
mORF_-_1358749	1358749	1358790	-	5	42	ATG	TGA	0	0	
mORF_-_1358791	1358791	1358817	-	5	27	ATG	TAA	0	0	
mORF_-_1358851	1358851	1358901	-	5	51	TTG	TGA	0	0	
mORF_-_1358908	1358908	1359060	-	5	153	GTG	TAG	0	0	
mORF_-_1359012	1359012	1359026	-	4	15	TTG	TAG	0	0	
mORF_-_1359023	1359023	1359046	-	6	24	TTG	TGA	0	0	
mORF_-_1359063	1359063	1359095	-	4	33	ATG	TAG	0	0	
mORF_-_1359092	1359092	1359163	-	6	72	TTG	TGA	0	0	
mORF_-_1359120	1359120	1359254	-	4	135	ATG	TAA	0	0	
mORF_-_1359206	1359206	1359337	-	6	132	ATG	TGA	0	0	
mORF_-_1359268	1359268	1359303	-	5	36	ATG	TAG	0	0	
mORF_-_1359276	1359276	1359284	-	4	9	ATG	TAG	0	0	
mORF_-_1359303	1359303	1359374	-	4	72	GTG	TAA	0	0	
mORF_-_1359338	1359338	1359535	-	6	198	TTG	TAA	0	0	
mORF_-_1359442	1359442	1359606	-	5	165	GTG	TAA	0	0	
mORF_-_1359492	1359492	1359614	-	4	123	ATG	TAA	0	0	
mORF_-_1359620	1359620	1359778	-	6	159	TTG	TGA	0	0	
mORF_-_1359687	1359687	1359698	-	4	12	TTG	TAG	0	0	
mORF_-_1359712	1359712	1359720	-	5	9	GTG	TAA	0	0	
mORF_-_1359753	1359753	1359884	-	4	132	ATG	TAA	0	0	
mORF_-_1359779	1359779	1359868	-	6	90	GTG	TGA	0	0	
mORF_-_1359865	1359865	1359912	-	5	48	GTG	TGA	0	0	
mORF_-_1359912	1359912	1360001	-	4	90	GTG	TAG	0	0	
mORF_-_1359998	1359998	1360093	-	6	96	TTG	TGA	0	0	
mORF_-_1360033	1360033	1360173	-	5	141	ATG	TGA	0	0	
mORF_-_1360080	1360080	1360121	-	4	42	GTG	TGA	0	0	
mORF_-_1360173	1360173	1360289	-	4	117	TTG	TAA	0	0	
mORF_-_1360214	1360214	1360552	-	6	339	ATG	TGA	0	0	
mORF_-_1360228	1360228	1360293	-	5	66	GTG	TGA	0	0	
mORF_-_1360312	1360312	1360332	-	5	21	GTG	TGA	0	0	
mORF_-_1360399	1360399	1360485	-	5	87	GTG	TAA	0	0	
mORF_-_1360464	1360464	1360556	-	4	93	TTG	TGA	0	0	
mORF_-_1360549	1360549	1360566	-	5	18	TTG	TGA	0	0	
mORF_-_1360563	1360563	1360574	-	4	12	TTG	TGA	0	0	
mORF_-_1360595	1360595	1360633	-	6	39	TTG	TAA	0	0	
mORF_-_1360599	1360599	1360781	-	4	183	ATG	TGA	0	0	

mORF_-_1360724	1360724	1360765	-	6	42	ATG	TGA	0	0	
mORF_-_1360787	1360787	1361098	-	6	312	TTG	TAA	0	0	
mORF_-_1360894	1360894	1360995	-	5	102	GTG	TGA	0	0	
mORF_-_1361008	1361008	1361355	-	5	348	GTG	TAG	0	0	
mORF_-_1361043	1361043	1361210	-	4	168	ATG	TAA	0	0	
mORF_-_1361108	1361108	1361257	-	6	150	ATG	TGA	0	0	
mORF_-_1361352	1361352	1361468	-	4	117	ATG	TGA	0	0	
mORF_-_1361465	1361465	1361647	-	6	183	ATG	TGA	0	0	
mORF_-_1361491	1361491	1361781	-	5	291	TTG	TAA	0	0	
mORF_-_1361499	1361499	1361618	-	4	120	TTG	TGA	0	0	
mORF_-_1361651	1361651	1362121	-	6	471	TTG	TAG	0	0	
mORF_-_1361730	1361730	1361765	-	4	36	ATG	TAA	0	0	
mORF_-_1361796	1361796	1361861	-	4	66	TTG	TAA	0	0	
mORF_-_1361989	1361989	1361994	-	5	6	ATG	TGA	0	0	
mORF_-_1362009	1362009	1362200	-	4	192	ATG	TAG	0	0	
mORF_-_1362125	1362125	1362130	-	6	6	TTG	TAG	0	0	
mORF_-_1362161	1362161	1362331	-	6	171	TTG	TAG	0	0	
mORF_-_1362214	1362214	1362267	-	5	54	ATG	TGA	0	0	
mORF_-_1362279	1362279	1362335	-	4	57	GTG	TAG	0	0	
mORF_-_1362328	1362328	1362390	-	5	63	ATG	TGA	0	0	
mORF_-_1362332	1362332	1362451	-	6	120	TTG	TGA	0	0	
mORF_-_1362363	1362363	1362461	-	4	99	TTG	TAG	0	0	
mORF_-_1362430	1362430	1362801	-	5	372	ATG	TGA	1	2	pORF_-_1362430
mORF_-_1362483	1362483	1362497	-	4	15	ATG	TAG	0	0	
mORF_-_1362516	1362516	1362590	-	4	75	TTG	TAG	0	0	
mORF_-_1362587	1362587	1362664	-	6	78	GTG	TGA	0	0	
mORF_-_1362612	1362612	1362662	-	4	51	GTG	TAG	0	0	
mORF_-_1362693	1362693	1362734	-	4	42	ATG	TAG	0	0	
mORF_-_1362798	1362798	1362920	-	4	123	TTG	TGA	0	0	
mORF_-_1362805	1362805	1362891	-	5	87	GTG	TAG	0	0	
mORF_-_1362924	1362924	1363034	-	4	111	GTG	TGA	0	0	
mORF_-_1363054	1363054	1363371	-	5	318	ATG	TAA	1	9	pORF_-_1363054
mORF_-_1363116	1363116	1363136	-	4	21	TTG	TAG	0	0	
mORF_-_1363254	1363254	1363325	-	4	72	ATG	TAA	0	0	
mORF_-_1363329	1363329	1363334	-	4	6	ATG	TAA	0	0	
mORF_-_1363368	1363368	1363436	-	4	69	TTG	TGA	0	0	
mORF_-_1363372	1363372	1363446	-	5	75	ATG	TAG	0	0	
mORF_-_1363446	1363446	1363469	-	4	24	GTG	TAA	0	0	
mORF_-_1363544	1363544	1364074	-	6	531	GTG	TAA	0	0	
mORF_-_1363558	1363558	1363584	-	5	27	TTG	TGA	0	0	
mORF_-_1363594	1363594	1363797	-	5	204	GTG	TGA	0	0	
mORF_-_1363825	1363825	1363899	-	5	75	GTG	TAG	0	0	
mORF_-_1363971	1363971	1364111	-	4	141	GTG	TAA	0	0	
mORF_-_1363984	1363984	1364037	-	5	54	TTG	TGA	0	0	
mORF_-_1364080	1364080	1364331	-	5	252	ATG	TAA	0	0	
mORF_-_1364093	1364093	1364098	-	6	6	GTG	TAA	0	0	
mORF_-_1364147	1364147	1364338	-	6	192	ATG	TGA	0	0	
mORF_-_1364211	1364211	1364225	-	4	15	TTG	TGA	0	0	
mORF_-_1364338	1364338	1364460	-	5	123	GTG	TAA	0	0	
mORF_-_1364357	1364357	1364497	-	6	141	GTG	TAA	1	6	pORF_-_1364357
mORF_-_1364424	1364424	1364435	-	4	12	GTG	TAA	0	0	
mORF_-_1364461	1364461	1364520	-	5	60	TTG	TAG	0	0	
mORF_-_1364511	1364511	1364528	-	4	18	GTG	TAA	0	0	
mORF_-_1364525	1364525	1364659	-	6	135	TTG	TGA	0	0	
mORF_-_1364545	1364545	1364781	-	5	237	ATG	TGA	0	0	
mORF_-_1364646	1364646	1364921	-	4	276	ATG	TAA	0	0	
mORF_-_1364672	1364672	1364794	-	6	123	TTG	TGA	0	0	
mORF_-_1364836	1364836	1364925	-	5	90	GTG	TAA	0	0	
mORF_-_1364876	1364876	1364887	-	6	12	TTG	TGA	0	0	
mORF_-_1364900	1364900	1364953	-	6	54	TTG	TAA	0	0	
mORF_-_1364922	1364922	1364939	-	4	18	TTG	TGA	0	0	
mORF_-_1364959	1364959	1365951	-	5	993	GTG	TAG	2	5	pORF_-_1364959
mORF_-_1365003	1365003	1365197	-	4	195	TTG	TAA	0	0	

mORF_-_1365249	1365249	1365257	-	4	9	GTG	TGA	0	0
mORF_-_1365254	1365254	1365346	-	6	93	GTG	TGA	0	0
mORF_-_1365282	1365282	1365359	-	4	78	TTG	TGA	0	0
mORF_-_1365378	1365378	1365515	-	4	138	ATG	TAA	0	0
mORF_-_1365464	1365464	1365502	-	6	39	ATG	TGA	0	0
mORF_-_1365516	1365516	1365566	-	4	51	TTG	TGA	0	0
mORF_-_1365594	1365594	1365731	-	4	138	ATG	TGA	0	0
mORF_-_1365732	1365732	1365803	-	4	72	TTG	TAA	0	0
mORF_-_1365746	1365746	1365772	-	6	27	TTG	TAA	0	0
mORF_-_1365804	1365804	1366022	-	4	219	TTG	TGA	0	0
mORF_-_1365968	1365968	1366003	-	6	36	TTG	TAG	0	0
mORF_-_1365973	1365973	1365984	-	5	12	ATG	TGA	0	0
mORF_-_1366012	1366012	1366041	-	5	30	GTG	TAA	0	0
mORF_-_1366019	1366019	1366045	-	6	27	TTG	TGA	0	0
mORF_-_1366052	1366052	1366090	-	6	39	TTG	TAA	0	0
mORF_-_1366060	1366060	1366071	-	5	12	TTG	TGA	0	0
mORF_-_1366087	1366087	1366485	-	5	399	TTG	TGA	0	0
mORF_-_1366146	1366146	1366220	-	4	75	GTG	TGA	0	0
mORF_-_1366157	1366157	1366291	-	6	135	TTG	TAA	0	0
mORF_-_1366236	1366236	1366364	-	4	129	GTG	TAG	0	0
mORF_-_1366373	1366373	1366420	-	6	48	ATG	TAA	0	0
mORF_-_1366404	1366404	1366718	-	4	315	TTG	TAA	0	0
mORF_-_1366523	1366523	1366738	-	6	216	TTG	TAA	0	0
mORF_-_1366564	1366564	1366581	-	5	18	TTG	TGA	0	0
mORF_-_1366687	1366687	1366764	-	5	78	TTG	TGA	0	0
mORF_-_1366719	1366719	1366808	-	4	90	ATG	TGA	0	0
mORF_-_1366739	1366739	1366777	-	6	39	ATG	TAA	0	0
mORF_-_1366812	1366812	1366859	-	4	48	ATG	TAG	0	0
mORF_-_1366844	1366844	1366975	-	6	132	TTG	TAG	0	0
mORF_-_1366888	1366888	1366935	-	5	48	TTG	TAA	0	0
mORF_-_1366899	1366899	1366907	-	4	9	TTG	TAA	0	0
mORF_-_1366951	1366951	1367028	-	5	78	ATG	TAA	0	0
mORF_-_1367009	1367009	1367131	-	6	123	TTG	TAG	0	0
mORF_-_1367065	1367065	1367091	-	5	27	GTG	TGA	0	0
mORF_-_1367216	1367216	1367260	-	6	45	ATG	TAA	0	0
mORF_-_1367221	1367221	1367328	-	5	108	TTG	TGA	0	0
mORF_-_1367357	1367357	1367380	-	6	24	GTG	TAA	0	0
mORF_-_1367377	1367377	1367478	-	5	102	TTG	TGA	0	0
mORF_-_1367382	1367382	1367402	-	4	21	TTG	TAA	0	0
mORF_-_1367399	1367399	1367446	-	6	48	TTG	TGA	0	0
mORF_-_1367490	1367490	1367498	-	4	9	GTG	TAA	0	0
mORF_-_1367607	1367607	1367687	-	4	81	TTG	TAG	0	0
mORF_-_1367626	1367626	1367652	-	5	27	TTG	TAA	0	0
mORF_-_1367659	1367659	1367694	-	5	36	ATG	TAA	0	0
mORF_-_1367666	1367666	1367698	-	6	33	ATG	TGA	0	0
mORF_-_1367709	1367709	1367714	-	4	6	ATG	TAA	0	0
mORF_-_1367717	1367717	1367755	-	6	39	GTG	TAA	0	0
mORF_-_1367752	1367752	1367820	-	5	69	GTG	TGA	0	0
mORF_-_1367823	1367823	1368020	-	4	198	TTG	TGA	0	0
mORF_-_1367834	1367834	1367941	-	6	108	TTG	TGA	0	0
mORF_-_1367929	1367929	1367973	-	5	45	GTG	TGA	0	0
mORF_-_1367951	1367951	1368007	-	6	57	TTG	TAA	0	0
mORF_-_1368017	1368017	1368040	-	6	24	ATG	TGA	0	0
mORF_-_1368034	1368034	1368075	-	5	42	GTG	TGA	0	0
mORF_-_1368072	1368072	1368077	-	4	6	GTG	TGA	0	0
mORF_-_1368083	1368083	1368094	-	6	12	ATG	TAA	0	0
mORF_-_1368107	1368107	1368241	-	6	135	ATG	TGA	0	0
mORF_-_1368112	1368112	1368117	-	5	6	TTG	TGA	0	0
mORF_-_1368211	1368211	1368228	-	5	18	GTG	TGA	0	0
mORF_-_1368222	1368222	1368302	-	4	81	ATG	TAG	0	0
mORF_-_1368253	1368253	1368288	-	5	36	ATG	TAA	0	0
mORF_-_1368289	1368289	1368297	-	5	9	TTG	TAA	0	0
mORF_-_1368342	1368342	1368368	-	4	27	GTG	TAA	0	0

mORF_-_1368346	1368346	1368351	-	5	6	GTG	TAA	0	0
mORF_-_1368390	1368390	1368416	-	4	27	GTG	TAA	0	0
mORF_-_1368394	1368394	1368444	-	5	51	ATG	TAA	0	0
mORF_-_1368413	1368413	1368442	-	6	30	GTG	TGA	0	0
mORF_-_1368435	1368435	1368473	-	4	39	TTG	TAA	0	0
mORF_-_1368445	1368445	1368648	-	5	204	TTG	TAA	0	0
mORF_-_1368461	1368461	1368478	-	6	18	ATG	TGA	0	0
mORF_-_1368483	1368483	1368494	-	4	12	ATG	TGA	0	0
mORF_-_1368516	1368516	1368611	-	4	96	ATG	TGA	0	0
mORF_-_1368608	1368608	1368634	-	6	27	TTG	TGA	0	0
mORF_-_1368612	1368612	1368638	-	4	27	ATG	TAA	0	0
mORF_-_1368668	1368668	1368742	-	6	75	GTG	TAG	0	0
mORF_-_1368672	1368672	1368722	-	4	51	TTG	TAA	0	0
mORF_-_1368739	1368739	1368795	-	5	57	TTG	TGA	0	0
mORF_-_1368765	1368765	1368791	-	4	27	ATG	TAA	0	0
mORF_-_1368788	1368788	1368814	-	6	27	GTG	TGA	0	0
mORF_-_1368792	1368792	1368803	-	4	12	ATG	TGA	0	0
mORF_-_1368804	1368804	1368830	-	4	27	TTG	TAA	0	0
mORF_-_1368882	1368882	1368986	-	4	105	ATG	TAA	0	0
mORF_-_1368890	1368890	1369078	-	6	189	ATG	TAA	0	0
mORF_-_1368937	1368937	1368984	-	5	48	GTG	TAA	0	0
mORF_-_1369002	1369002	1369196	-	4	195	TTG	TAA	0	0
mORF_-_1369045	1369045	1369206	-	5	162	GTG	TAA	0	0
mORF_-_1369082	1369082	1369225	-	6	144	GTG	TAA	0	0
mORF_-_1369206	1369206	1369250	-	4	45	GTG	TAG	0	0
mORF_-_1369231	1369231	1369371	-	5	141	GTG	TAA	0	0
mORF_-_1369247	1369247	1369258	-	6	12	ATG	TGA	0	0
mORF_-_1369410	1369410	1369466	-	4	57	ATG	TAA	0	0
mORF_-_1369476	1369476	1369592	-	4	117	GTG	TAA	0	0
mORF_-_1369627	1369627	1369632	-	5	6	ATG	TAG	0	0
mORF_-_1369632	1369632	1369652	-	4	21	ATG	TAA	0	0
mORF_-_1369665	1369665	1369700	-	4	36	ATG	TAA	0	0
mORF_-_1369669	1369669	1369674	-	5	6	GTG	TAA	0	0
mORF_-_1369697	1369697	1369720	-	6	24	ATG	TGA	0	0
mORF_-_1369729	1369729	1369755	-	5	27	TTG	TAA	0	0
mORF_-_1369734	1369734	1370114	-	4	381	GTG	TGA	0	0
mORF_-_1369912	1369912	1369929	-	5	18	ATG	TAA	0	0
mORF_-_1369937	1369937	1369975	-	6	39	ATG	TAA	0	0
mORF_-_1369987	1369987	1370124	-	5	138	TTG	TGA	0	0
mORF_-_1370145	1370145	1370162	-	4	18	ATG	TAG	0	0
mORF_-_1370162	1370162	1370173	-	6	12	GTG	TAA	0	0
mORF_-_1370170	1370170	1370532	-	5	363	TTG	TGA	0	0
mORF_-_1370214	1370214	1370279	-	4	66	TTG	TAG	0	0
mORF_-_1370273	1370273	1370344	-	6	72	ATG	TGA	0	0
mORF_-_1370298	1370298	1370594	-	4	297	GTG	TAA	0	0
mORF_-_1370360	1370360	1370458	-	6	99	GTG	TGA	0	0
mORF_-_1370551	1370551	1370853	-	5	303	TTG	TAA	0	0
mORF_-_1370591	1370591	1370623	-	6	33	GTG	TGA	0	0
mORF_-_1370631	1370631	1370708	-	4	78	GTG	TAA	0	0
mORF_-_1370724	1370724	1370732	-	4	9	GTG	TAA	0	0
mORF_-_1370753	1370753	1370794	-	6	42	TTG	TAA	0	0
mORF_-_1370814	1370814	1370996	-	4	183	TTG	TAG	0	0
mORF_-_1371005	1371005	1371052	-	6	48	TTG	TAA	0	0
mORF_-_1371057	1371057	1371149	-	4	93	GTG	TGA	0	0
mORF_-_1371089	1371089	1371133	-	6	45	TTG	TAA	0	0
mORF_-_1371130	1371130	1371246	-	5	117	TTG	TGA	0	0
mORF_-_1371173	1371173	1371421	-	6	249	TTG	TAG	0	0
mORF_-_1371382	1371382	1371402	-	5	21	TTG	TGA	0	0
mORF_-_1371399	1371399	1371863	-	4	465	TTG	TGA	0	0
mORF_-_1371422	1371422	1371562	-	6	141	TTG	TAG	0	0
mORF_-_1371590	1371590	1371643	-	6	54	TTG	TAG	0	0
mORF_-_1371647	1371647	1371655	-	6	9	ATG	TAG	0	0
mORF_-_1371658	1371658	1371702	-	5	45	GTG	TAA	0	0

mORF_-_1371689	1371689	1371757	-	6	69	ATG	TAG	0	0
mORF_-_1371764	1371764	1371931	-	6	168	ATG	TAG	0	0
mORF_-_1371877	1371877	1371891	-	5	15	TTG	TGA	0	0
mORF_-_1371892	1371892	1371921	-	5	30	GTG	TAA	0	0
mORF_-_1371941	1371941	1371946	-	6	6	ATG	TAG	0	0
mORF_-_1371959	1371959	1371976	-	6	18	TTG	TAA	0	0
mORF_-_1372001	1372001	1372135	-	6	135	GTG	TAG	0	0
mORF_-_1372029	1372029	1372145	-	4	117	ATG	TAA	0	0
mORF_-_1372152	1372152	1372223	-	4	72	TTG	TAA	0	0
mORF_-_1372181	1372181	1372195	-	6	15	ATG	TGA	0	0
mORF_-_1372220	1372220	1372246	-	6	27	GTG	TGA	0	0
mORF_-_1372243	1372243	1372287	-	5	45	ATG	TGA	0	0
mORF_-_1372287	1372287	1372298	-	4	12	ATG	TAA	0	0
mORF_-_1372301	1372301	1372366	-	6	66	ATG	TAA	0	0
mORF_-_1372329	1372329	1372391	-	4	63	ATG	TAG	0	0
mORF_-_1372363	1372363	1372668	-	5	306	TTG	TGA	0	0
mORF_-_1372401	1372401	1372445	-	4	45	TTG	TAA	0	0
mORF_-_1372455	1372455	1372526	-	4	72	ATG	TAA	0	0
mORF_-_1372527	1372527	1372580	-	4	54	GTG	TAA	0	0
mORF_-_1372602	1372602	1372685	-	4	84	GTG	TAG	0	0
mORF_-_1372752	1372752	1372796	-	4	45	GTG	TAG	0	0
mORF_-_1372823	1372823	1372879	-	6	57	ATG	TGA	0	0
mORF_-_1372836	1372836	1372841	-	4	6	ATG	TAA	0	0
mORF_-_1372919	1372919	1373011	-	6	93	GTG	TAA	0	0
mORF_-_1372971	1372971	1372976	-	4	6	TTG	TAA	0	0
mORF_-_1372983	1372983	1373252	-	4	270	ATG	TAA	0	0
mORF_-_1373053	1373053	1373805	-	5	753	ATG	TAA	0	0
mORF_-_1373057	1373057	1373092	-	6	36	GTG	TAG	0	0
mORF_-_1373307	1373307	1373336	-	4	30	ATG	TAG	0	0
mORF_-_1373336	1373336	1373491	-	6	156	TTG	TAA	0	0
mORF_-_1373352	1373352	1373366	-	4	15	TTG	TAG	0	0
mORF_-_1373403	1373403	1373447	-	4	45	TTG	TAG	0	0
mORF_-_1373496	1373496	1373657	-	4	162	TTG	TGA	0	0
mORF_-_1373730	1373730	1373744	-	4	15	ATG	TAA	0	0
mORF_-_1373748	1373748	1373819	-	4	72	TTG	TAG	0	0
mORF_-_1373859	1373859	1373879	-	4	21	TTG	TAA	0	0
mORF_-_1373919	1373919	1373966	-	4	48	TTG	TAA	0	0
mORF_-_1373938	1373938	1374003	-	5	66	ATG	TAA	0	0
mORF_-_1373979	1373979	1374020	-	4	42	TTG	TAG	0	0
mORF_-_1374036	1374036	1374071	-	4	36	GTG	TAA	0	0
mORF_-_1374041	1374041	1374073	-	6	33	GTG	TGA	0	0
mORF_-_1374078	1374078	1374101	-	4	24	ATG	TGA	0	0
mORF_-_1374117	1374117	1374227	-	4	111	GTG	TAA	0	0
mORF_-_1374240	1374240	1374425	-	4	186	TTG	TAG	0	0
mORF_-_1374499	1374499	1374930	-	5	432	ATG	TAA	0	0
mORF_-_1374516	1374516	1374530	-	4	15	GTG	TGA	0	0
mORF_-_1374549	1374549	1374554	-	4	6	ATG	TAA	0	0
mORF_-_1374584	1374584	1375030	-	6	447	ATG	TAA	0	0
mORF_-_1374600	1374600	1374647	-	4	48	TTG	TGA	0	0
mORF_-_1374690	1374690	1374710	-	4	21	GTG	TAG	0	0
mORF_-_1374939	1374939	1375055	-	4	117	ATG	TAG	0	0
mORF_-_1375082	1375082	1375096	-	6	15	GTG	TAA	0	0
mORF_-_1375093	1375093	1375587	-	5	495	ATG	TGA	0	0
mORF_-_1375097	1375097	1375132	-	6	36	GTG	TAG	0	0
mORF_-_1375110	1375110	1375226	-	4	117	TTG	TAA	0	0
mORF_-_1375245	1375245	1375295	-	4	51	TTG	TGA	0	0
mORF_-_1375314	1375314	1375418	-	4	105	ATG	TAA	0	0
mORF_-_1375370	1375370	1375624	-	6	255	GTG	TAA	0	0
mORF_-_1375488	1375488	1375502	-	4	15	GTG	TGA	0	0
mORF_-_1375545	1375545	1375577	-	4	33	ATG	TAA	0	0
mORF_-_1375584	1375584	1375631	-	4	48	ATG	TGA	0	0
mORF_-_1375615	1375615	1375701	-	5	87	ATG	TGA	0	0
mORF_-_1375655	1375655	1375699	-	6	45	GTG	TGA	0	0

mORF_-_1375704	1375704	1375796	-	4	93	TTG	TAG	0	0
mORF_-_1375726	1375726	1375878	-	5	153	TTG	TAA	0	0
mORF_-_1375797	1375797	1375850	-	4	54	ATG	TGA	0	0
mORF_-_1375847	1375847	1375963	-	6	117	TTG	TGA	0	0
mORF_-_1375929	1375929	1376072	-	4	144	ATG	TGA	0	0
mORF_-_1375942	1375942	1375971	-	5	30	ATG	TGA	0	0
mORF_-_1376027	1376027	1376032	-	6	6	GTG	TAA	0	0
mORF_-_1376069	1376069	1376239	-	6	171	TTG	TGA	0	0
mORF_-_1376160	1376160	1376168	-	4	9	GTG	TAA	0	0
mORF_-_1376244	1376244	1376288	-	4	45	TTG	TGA	0	0
mORF_-_1376249	1376249	1376380	-	6	132	TTG	TAA	0	0
mORF_-_1376317	1376317	1376355	-	5	39	TTG	TAA	0	0
mORF_-_1376352	1376352	1376519	-	4	168	TTG	TGA	0	0
mORF_-_1376447	1376447	1376482	-	6	36	ATG	TAG	0	0
mORF_-_1376482	1376482	1376721	-	5	240	TTG	TGA	0	0
mORF_-_1376522	1376522	1376533	-	6	12	TTG	TAG	0	0
mORF_-_1376544	1376544	1376633	-	4	90	TTG	TAA	0	0
mORF_-_1376640	1376640	1376705	-	4	66	TTG	TAA	0	0
mORF_-_1376718	1376718	1376792	-	4	75	TTG	TGA	0	0
mORF_-_1376735	1376735	1376761	-	6	27	GTG	TGA	0	0
mORF_-_1376796	1376796	1376840	-	4	45	GTG	TAA	0	0
mORF_-_1376813	1376813	1376857	-	6	45	ATG	TGA	0	0
mORF_-_1376824	1376824	1376865	-	5	42	TTG	TGA	0	0
mORF_-_1376871	1376871	1376897	-	4	27	GTG	TAA	0	0
mORF_-_1376885	1376885	1376890	-	6	6	TTG	TAG	0	0
mORF_-_1376925	1376925	1376936	-	4	12	ATG	TAA	0	0
mORF_-_1376967	1376967	1376987	-	4	21	GTG	TAA	0	0
mORF_-_1376975	1376975	1377109	-	6	135	GTG	TAA	0	0
mORF_-_1377039	1377039	1377224	-	4	186	ATG	TAG	0	0
mORF_-_1377182	1377182	1377232	-	6	51	ATG	TGA	0	0
mORF_-_1377214	1377214	1377255	-	5	42	TTG	TGA	0	0
mORF_-_1377237	1377237	1377440	-	4	204	ATG	TAG	0	0
mORF_-_1377302	1377302	1377358	-	6	57	GTG	TGA	0	0
mORF_-_1377340	1377340	1377354	-	5	15	ATG	TGA	0	0
mORF_-_1377374	1377374	1377379	-	6	6	TTG	TAG	0	0
mORF_-_1377383	1377383	1377460	-	6	78	TTG	TGA	0	0
mORF_-_1377465	1377465	1377572	-	4	108	TTG	TAG	0	0
mORF_-_1377482	1377482	1377577	-	6	96	ATG	TGA	0	0
mORF_-_1377535	1377535	1377594	-	5	60	GTG	TAA	0	0
mORF_-_1377587	1377587	1377649	-	6	63	TTG	TAA	0	0
mORF_-_1377591	1377591	1377629	-	4	39	TTG	TGA	0	0
mORF_-_1377646	1377646	1377681	-	5	36	ATG	TGA	0	0
mORF_-_1377650	1377650	1377694	-	6	45	TTG	TAA	0	0
mORF_-_1377672	1377672	1377725	-	4	54	GTG	TGA	0	0
mORF_-_1377704	1377704	1377718	-	6	15	GTG	TAA	0	0
mORF_-_1377718	1377718	1377873	-	5	156	TTG	TAG	0	0
mORF_-_1377722	1377722	1377757	-	6	36	ATG	TGA	0	0
mORF_-_1377735	1377735	1377941	-	4	207	ATG	TAA	0	0
mORF_-_1377899	1377899	1378018	-	6	120	GTG	TGA	0	0
mORF_-_1377954	1377954	1377971	-	4	18	TTG	TAA	0	0
mORF_-_1378015	1378015	1378065	-	5	51	GTG	TGA	0	0
mORF_-_1378062	1378062	1378160	-	4	99	ATG	TGA	0	0
mORF_-_1378079	1378079	1378156	-	6	78	TTG	TGA	0	0
mORF_-_1378150	1378150	1378404	-	5	255	TTG	TAG	0	0
mORF_-_1378160	1378160	1378234	-	6	75	ATG	TGA	0	0
mORF_-_1378301	1378301	1378423	-	6	123	GTG	TAG	0	0
mORF_-_1378368	1378368	1378427	-	4	60	GTG	TAA	0	0
mORF_-_1378414	1378414	1378794	-	5	381	GTG	TAG	0	0
mORF_-_1378443	1378443	1378493	-	4	51	GTG	TGA	0	0
mORF_-_1378544	1378544	1378597	-	6	54	TTG	TAA	0	0
mORF_-_1378599	1378599	1378670	-	4	72	ATG	TAA	0	0
mORF_-_1378710	1378710	1378790	-	4	81	GTG	TAA	0	0
mORF_-_1378751	1378751	1378765	-	6	15	TTG	TAA	0	0

mORF_-_1378805	1378805	1378846	-	6	42	ATG	TAA	0	0
mORF_-_1378860	1378860	1379261	-	4	402	TTG	TAA	0	0
mORF_-_1378880	1378880	1379074	-	6	195	TTG	TAG	0	0
mORF_-_1379011	1379011	1379070	-	5	60	GTG	TGA	0	0
mORF_-_1379123	1379123	1379167	-	6	45	TTG	TAA	0	0
mORF_-_1379264	1379264	1379380	-	6	117	TTG	TGA	0	0
mORF_-_1379313	1379313	1379519	-	4	207	TTG	TAA	0	0
mORF_-_1379387	1379387	1379407	-	6	21	ATG	TGA	0	0
mORF_-_1379426	1379426	1379446	-	6	21	ATG	TGA	0	0
mORF_-_1379510	1379510	1379680	-	6	171	ATG	TAA	0	0
mORF_-_1379545	1379545	1379556	-	5	12	GTG	TAA	0	0
mORF_-_1379614	1379614	1379658	-	5	45	GTG	TAA	0	0
mORF_-_1379640	1379640	1379723	-	4	84	TTG	TAA	0	0
mORF_-_1379708	1379708	1379746	-	6	39	TTG	TGA	0	0
mORF_-_1379786	1379786	1379806	-	6	21	GTG	TAG	0	0
mORF_-_1379831	1379831	1380028	-	6	198	GTG	TAA	0	0
mORF_-_1379842	1379842	1379862	-	5	21	GTG	TGA	0	0
mORF_-_1379862	1379862	1379918	-	4	57	TTG	TAG	0	0
mORF_-_1379923	1379923	1379961	-	5	39	TTG	TAG	0	0
mORF_-_1379983	1379983	1380054	-	5	72	GTG	TAA	0	0
mORF_-_1380130	1380130	1380324	-	5	195	GTG	TGA	0	0
mORF_-_1380135	1380135	1380152	-	4	18	TTG	TAG	0	0
mORF_-_1380324	1380324	1380461	-	4	138	GTG	TAG	0	0
mORF_-_1380409	1380409	1380726	-	5	318	ATG	TAA	0	0
mORF_-_1380468	1380468	1380518	-	4	51	TTG	TAA	0	0
mORF_-_1380546	1380546	1380602	-	4	57	GTG	TAA	0	0
mORF_-_1380618	1380618	1380668	-	4	51	ATG	TAG	0	0
mORF_-_1380745	1380745	1380966	-	5	222	ATG	TAA	0	0
mORF_-_1380948	1380948	1380974	-	4	27	TTG	TAG	0	0
mORF_-_1380987	1380987	1381985	-	4	999	ATG	TAA	0	0
mORF_-_1380998	1380998	1381012	-	6	15	TTG	TGA	0	0
mORF_-_1381079	1381079	1381099	-	6	21	ATG	TAG	0	0
mORF_-_1381121	1381121	1381144	-	6	24	ATG	TAA	0	0
mORF_-_1381163	1381163	1381204	-	6	42	GTG	TAG	0	0
mORF_-_1381223	1381223	1381240	-	6	18	TTG	TGA	0	0
mORF_-_1381289	1381289	1381450	-	6	162	TTG	TAA	0	0
mORF_-_1381318	1381318	1381329	-	5	12	ATG	TGA	0	0
mORF_-_1381451	1381451	1381459	-	6	9	ATG	TAA	0	0
mORF_-_1381463	1381463	1381537	-	6	75	TTG	TGA	0	0
mORF_-_1381538	1381538	1381588	-	6	51	ATG	TGA	0	0
mORF_-_1381633	1381633	1381650	-	5	18	ATG	TAA	0	0
mORF_-_1381691	1381691	1381732	-	6	42	ATG	TGA	0	0
mORF_-_1381790	1381790	1381807	-	6	18	TTG	TGA	0	0
mORF_-_1381820	1381820	1381864	-	6	45	TTG	TGA	0	0
mORF_-_1381916	1381916	1382020	-	6	105	GTG	TGA	0	0
mORF_-_1381966	1381966	1382052	-	5	87	GTG	TGA	0	0
mORF_-_1381989	1381989	1382141	-	4	153	TTG	TGA	0	0
mORF_-_1382066	1382066	1382086	-	6	21	ATG	TGA	0	0
mORF_-_1382095	1382095	1382250	-	5	156	GTG	TAA	0	0
mORF_-_1382120	1382120	1382281	-	6	162	GTG	TGA	0	0
mORF_-_1382271	1382271	1382291	-	4	21	GTG	TAA	0	0
mORF_-_1382278	1382278	1382379	-	5	102	GTG	TGA	0	0
mORF_-_1382376	1382376	1382435	-	4	60	TTG	TGA	0	0
mORF_-_1382380	1382380	1382517	-	5	138	GTG	TAG	0	0
mORF_-_1382492	1382492	1382500	-	6	9	GTG	TAG	0	0
mORF_-_1382584	1382584	1382622	-	5	39	TTG	TAG	0	0
mORF_-_1382626	1382626	1382715	-	5	90	ATG	TGA	0	0
mORF_-_1382681	1382681	1383082	-	6	402	GTG	TAG	0	0
mORF_-_1382773	1382773	1382895	-	5	123	TTG	TGA	0	0
mORF_-_1382962	1382962	1383018	-	5	57	TTG	TGA	0	0
mORF_-_1383015	1383015	1383035	-	4	21	ATG	TGA	0	0
mORF_-_1383036	1383036	1383056	-	4	21	GTG	TAA	0	0
mORF_-_1383082	1383082	1383171	-	5	90	ATG	TAG	0	0

mORF_-_1383134	1383134	1383181	-	6	48	GTG	TAG	0	0	
mORF_-_1383183	1383183	1383197	-	4	15	ATG	TAG	0	0	
mORF_-_1383197	1383197	1383229	-	6	33	TTG	TAA	0	0	
mORF_-_1383214	1383214	1383255	-	5	42	ATG	TGA	0	0	
mORF_-_1383275	1383275	1383427	-	6	153	TTG	TGA	0	0	
mORF_-_1383280	1383280	1383369	-	5	90	GTG	TGA	0	0	
mORF_-_1383348	1383348	1383362	-	4	15	GTG	TAA	0	0	
mORF_-_1383366	1383366	1383479	-	4	114	GTG	TGA	0	0	
mORF_-_1383406	1383406	1383474	-	5	69	TTG	TGA	0	0	
mORF_-_1383479	1383479	1383487	-	6	9	ATG	TAG	0	0	
mORF_-_1383515	1383515	1383556	-	6	42	GTG	TAA	0	0	
mORF_-_1383547	1383547	1383687	-	5	141	TTG	TAA	0	0	
mORF_-_1383602	1383602	1383862	-	6	261	ATG	TGA	0	0	
mORF_-_1383630	1383630	1383983	-	4	354	TTG	TGA	0	0	
mORF_-_1383712	1383712	1383819	-	5	108	TTG	TAA	0	0	
mORF_-_1383866	1383866	1384066	-	6	201	TTG	TAA	0	0	
mORF_-_1383910	1383910	1383936	-	5	27	ATG	TAA	0	0	
mORF_-_1383958	1383958	1384050	-	5	93	TTG	TAA	0	0	
mORF_-_1384029	1384029	1384277	-	4	249	ATG	TGA	0	0	
mORF_-_1384063	1384063	1384113	-	5	51	ATG	TGA	0	0	
mORF_-_1384154	1384154	1384177	-	6	24	TTG	TGA	0	0	
mORF_-_1384246	1384246	1384569	-	5	324	TTG	TAA	0	0	
mORF_-_1384409	1384409	1384453	-	6	45	GTG	TAG	0	0	
mORF_-_1384422	1384422	1384511	-	4	90	TTG	TGA	0	0	
mORF_-_1384548	1384548	1384661	-	4	114	TTG	TGA	0	0	
mORF_-_1384658	1384658	1384693	-	6	36	TTG	TGA	0	0	
mORF_-_1384686	1384686	1384703	-	4	18	ATG	TAG	0	0	
mORF_-_1384700	1384700	1384711	-	6	12	ATG	TGA	0	0	
mORF_-_1384728	1384728	1384850	-	4	123	ATG	TGA	0	0	
mORF_-_1384825	1384825	1384980	-	5	156	ATG	TAA	0	0	
mORF_-_1384860	1384860	1385045	-	4	186	TTG	TAG	0	0	
mORF_-_1384934	1384934	1385122	-	6	189	GTG	TAA	0	0	
mORF_-_1384996	1384996	1385124	-	5	129	TTG	TAA	0	0	
mORF_-_1385073	1385073	1385108	-	4	36	TTG	TGA	0	0	
mORF_-_1385146	1385146	1385262	-	5	117	GTG	TAA	0	0	
mORF_-_1385225	1385225	1385296	-	6	72	TTG	TAA	0	0	
mORF_-_1385293	1385293	1385388	-	5	96	ATG	TGA	0	0	
mORF_-_1385355	1385355	1385450	-	4	96	GTG	TGA	0	0	
mORF_-_1385419	1385419	1385577	-	5	159	ATG	TAG	0	0	
mORF_-_1385438	1385438	1385494	-	6	57	TTG	TAA	0	0	
mORF_-_1385487	1385487	1385510	-	4	24	TTG	TGA	0	0	
mORF_-_1385537	1385537	1385659	-	6	123	GTG	TAG	0	0	
mORF_-_1385574	1385574	1385795	-	4	222	ATG	TGA	0	0	
mORF_-_1385674	1385674	1385787	-	5	114	TTG	TAA	0	0	
mORF_-_1385814	1385814	1385876	-	4	63	ATG	TAA	0	0	
mORF_-_1385998	1385998	1386030	-	5	33	TTG	TAA	0	0	
mORF_-_1386008	1386008	1386088	-	6	81	TTG	TAG	0	0	
mORF_-_1386075	1386075	1386137	-	4	63	GTG	TAA	0	0	
mORF_-_1386134	1386134	1386322	-	6	189	ATG	TGA	0	0	
mORF_-_1386171	1386171	1386179	-	4	9	TTG	TAA	0	0	
mORF_-_1386180	1386180	1386239	-	4	60	TTG	TAA	0	0	
mORF_-_1386220	1386220	1386315	-	5	96	ATG	TGA	0	0	
mORF_-_1386329	1386329	1386835	-	6	507	ATG	TAA	61	4152	pORF_-_1386329
mORF_-_1386337	1386337	1386384	-	5	48	ATG	TGA	0	0	
mORF_-_1386403	1386403	1386438	-	5	36	GTG	TGA	0	0	
mORF_-_1386454	1386454	1386480	-	5	27	GTG	TGA	0	0	
mORF_-_1386504	1386504	1386593	-	4	90	GTG	TAA	0	0	
mORF_-_1386535	1386535	1386669	-	5	135	TTG	TGA	0	0	
mORF_-_1386636	1386636	1386656	-	4	21	TTG	TAA	0	0	
mORF_-_1386685	1386685	1386708	-	5	24	TTG	TGA	0	0	
mORF_-_1386838	1386838	1386870	-	5	33	GTG	TAA	0	0	
mORF_-_1386851	1386851	1386856	-	6	6	ATG	TAA	0	0	
mORF_-_1386867	1386867	1386872	-	4	6	GTG	TGA	0	0	

mORF_-_1386873	1386873	1386899	-	4	27	GTG	TAG	0	0	
mORF_-_1386883	1386883	1386933	-	5	51	GTG	TAG	0	0	
mORF_-_1386890	1386890	1386904	-	6	15	TTG	TGA	0	0	
mORF_-_1386908	1386908	1387090	-	6	183	GTG	TAG	0	0	
mORF_-_1386918	1386918	1386944	-	4	27	TTG	TAA	0	0	
mORF_-_1386990	1386990	1387157	-	4	168	TTG	TAA	0	0	
mORF_-_1387103	1387103	1387333	-	6	231	ATG	TAA	0	0	
mORF_-_1387138	1387138	1387236	-	5	99	ATG	TAA	0	0	
mORF_-_1387158	1387158	1387268	-	4	111	TTG	TAG	0	0	
mORF_-_1387312	1387312	1387320	-	5	9	GTG	TGA	0	0	
mORF_-_1387330	1387330	1387371	-	5	42	GTG	TGA	0	0	
mORF_-_1387346	1387346	1387450	-	6	105	GTG	TGA	0	0	
mORF_-_1387392	1387392	1387418	-	4	27	ATG	TAA	0	0	
mORF_-_1387423	1387423	1387485	-	5	63	TTG	TGA	0	0	
mORF_-_1387539	1387539	1387754	-	4	216	TTG	TAA	0	0	
mORF_-_1387637	1387637	1387651	-	6	15	TTG	TGA	0	0	
mORF_-_1387673	1387673	1387801	-	6	129	ATG	TAG	0	0	
mORF_-_1387690	1387690	1387752	-	5	63	GTG	TAA	0	0	
mORF_-_1387812	1387812	1387949	-	4	138	TTG	TAA	0	0	
mORF_-_1387889	1387889	1387897	-	6	9	GTG	TGA	0	0	
mORF_-_1387894	1387894	1388682	-	5	789	TTG	TGA	1	6	pORF_-_1387894
mORF_-_1387916	1387916	1388032	-	6	117	TTG	TAA	0	0	
mORF_-_1388016	1388016	1388057	-	4	42	ATG	TGA	0	0	
mORF_-_1388070	1388070	1388087	-	4	18	TTG	TAA	0	0	
mORF_-_1388084	1388084	1388104	-	6	21	ATG	TGA	0	0	
mORF_-_1388109	1388109	1388237	-	4	129	GTG	TAG	0	0	
mORF_-_1388132	1388132	1388200	-	6	69	GTG	TGA	0	0	
mORF_-_1388241	1388241	1388297	-	4	57	GTG	TGA	0	0	
mORF_-_1388331	1388331	1388351	-	4	21	ATG	TAA	0	0	
mORF_-_1388378	1388378	1388392	-	6	15	GTG	TGA	0	0	
mORF_-_1388385	1388385	1388402	-	4	18	ATG	TGA	0	0	
mORF_-_1388424	1388424	1388474	-	4	51	GTG	TGA	0	0	
mORF_-_1388493	1388493	1388501	-	4	9	GTG	TGA	0	0	
mORF_-_1388636	1388636	1388665	-	6	30	TTG	TGA	0	0	
mORF_-_1388679	1388679	1388696	-	4	18	TTG	TGA	0	0	
mORF_-_1388699	1388699	1388707	-	6	9	ATG	TAG	0	0	
mORF_-_1388704	1388704	1388886	-	5	183	ATG	TGA	0	0	
mORF_-_1388718	1388718	1388792	-	4	75	TTG	TGA	0	0	
mORF_-_1388831	1388831	1388932	-	6	102	GTG	TAA	0	0	
mORF_-_1388835	1388835	1388840	-	4	6	ATG	TGA	0	0	
mORF_-_1388847	1388847	1388867	-	4	21	TTG	TAG	0	0	
mORF_-_1388871	1388871	1388879	-	4	9	ATG	TGA	0	0	
mORF_-_1388892	1388892	1388957	-	4	66	ATG	TAA	0	0	
mORF_-_1388932	1388932	1388973	-	5	42	TTG	TAG	0	0	
mORF_-_1388957	1388957	1389889	-	6	933	ATG	TAA	0	0	
mORF_-_1388983	1388983	1389102	-	5	120	GTG	TAG	0	0	
mORF_-_1389099	1389099	1389110	-	4	12	ATG	TGA	0	0	
mORF_-_1389103	1389103	1389138	-	5	36	TTG	TGA	0	0	
mORF_-_1389154	1389154	1389300	-	5	147	ATG	TGA	0	0	
mORF_-_1389310	1389310	1389402	-	5	93	TTG	TGA	0	0	
mORF_-_1389399	1389399	1389425	-	4	27	TTG	TGA	0	0	
mORF_-_1389409	1389409	1389564	-	5	156	ATG	TGA	0	0	
mORF_-_1389459	1389459	1389530	-	4	72	TTG	TAG	0	0	
mORF_-_1389577	1389577	1389588	-	5	12	TTG	TGA	0	0	
mORF_-_1389589	1389589	1389597	-	5	9	GTG	TGA	0	0	
mORF_-_1389628	1389628	1389795	-	5	168	TTG	TAG	1	2	pORF_-_1389628
mORF_-_1389867	1389867	1389926	-	4	60	GTG	TAA	0	0	
mORF_-_1389907	1389907	1389981	-	5	75	ATG	TAA	0	0	
mORF_-_1389926	1389926	1390003	-	6	78	ATG	TAG	0	0	
mORF_-_1389990	1389990	1390358	-	4	369	GTG	TAA	0	0	
mORF_-_1390076	1390076	1390195	-	6	120	TTG	TGA	0	0	
mORF_-_1390117	1390117	1390242	-	5	126	ATG	TAA	0	0	
mORF_-_1390232	1390232	1390300	-	6	69	TTG	TAG	0	0	

mORF_-_1390252	1390252	1390323	-	5	72	ATG	TGA	0	0	
mORF_-_1390310	1390310	1390360	-	6	51	ATG	TAG	0	0	
mORF_-_1390342	1390342	1390374	-	5	33	ATG	TAA	0	0	
mORF_-_1390389	1390389	1390400	-	4	12	ATG	TGA	0	0	
mORF_-_1390394	1390394	1390510	-	6	117	TTG	TGA	0	0	
mORF_-_1390404	1390404	1390487	-	4	84	ATG	TAA	0	0	
mORF_-_1390514	1390514	1390591	-	6	78	TTG	TAG	0	0	
mORF_-_1390567	1390567	1390572	-	5	6	TTG	TGA	0	0	
mORF_-_1390573	1390573	1390584	-	5	12	ATG	TAA	0	0	
mORF_-_1390584	1390584	1390670	-	4	87	ATG	TGA	0	0	
mORF_-_1390592	1390592	1390624	-	6	33	TTG	TAA	0	0	
mORF_-_1390677	1390677	1390709	-	4	33	ATG	TGA	0	0	
mORF_-_1390684	1390684	1390731	-	5	48	ATG	TAA	0	0	
mORF_-_1390706	1390706	1390720	-	6	15	TTG	TGA	0	0	
mORF_-_1390755	1390755	1390811	-	4	57	GTG	TGA	0	0	
mORF_-_1390808	1390808	1390876	-	6	69	ATG	TGA	0	0	
mORF_-_1390819	1390819	1390857	-	5	39	ATG	TAA	0	0	
mORF_-_1390876	1390876	1390932	-	5	57	ATG	TAA	0	0	
mORF_-_1390932	1390932	1390985	-	4	54	ATG	TAA	0	0	
mORF_-_1390989	1390989	1391003	-	4	15	TTG	TAA	0	0	
mORF_-_1391085	1391085	1391093	-	4	9	ATG	TAA	0	0	
mORF_-_1391109	1391109	1391114	-	4	6	GTG	TAA	0	0	
mORF_-_1391114	1391114	1391224	-	6	111	TTG	TAG	0	0	
mORF_-_1391140	1391140	1391148	-	5	9	ATG	TAA	0	0	
mORF_-_1391214	1391214	1391372	-	4	159	ATG	TAA	0	0	
mORF_-_1391227	1391227	1391259	-	5	33	GTG	TAA	0	0	
mORF_-_1391266	1391266	1391742	-	5	477	ATG	TGA	0	0	
mORF_-_1391427	1391427	1391435	-	4	9	ATG	TGA	0	0	
mORF_-_1391502	1391502	1391573	-	4	72	GTG	TGA	0	0	
mORF_-_1391537	1391537	1391647	-	6	111	ATG	TAA	0	0	
mORF_-_1391598	1391598	1391726	-	4	129	GTG	TAG	0	0	
mORF_-_1391669	1391669	1391680	-	6	12	GTG	TGA	0	0	
mORF_-_1391754	1391754	1391876	-	4	123	TTG	TGA	0	0	
mORF_-_1391788	1391788	1392150	-	5	363	TTG	TAA	0	0	
mORF_-_1391883	1391883	1391909	-	4	27	TTG	TAA	0	0	
mORF_-_1391906	1391906	1391989	-	6	84	TTG	TGA	0	0	
mORF_-_1391940	1391940	1391957	-	4	18	TTG	TAA	0	0	
mORF_-_1391994	1391994	1392011	-	4	18	GTG	TGA	0	0	
mORF_-_1392018	1392018	1392044	-	4	27	GTG	TAA	0	0	
mORF_-_1392132	1392132	1392146	-	4	15	GTG	TAA	0	0	
mORF_-_1392140	1392140	1392187	-	6	48	ATG	TAA	0	0	
mORF_-_1392229	1392229	1392378	-	5	150	TTG	TAA	0	0	
mORF_-_1392260	1392260	1392265	-	6	6	GTG	TAA	0	0	
mORF_-_1392284	1392284	1392448	-	6	165	ATG	TAA	0	0	
mORF_-_1392366	1392366	1392410	-	4	45	GTG	TAA	0	0	
mORF_-_1392412	1392412	1392489	-	5	78	TTG	TGA	0	0	
mORF_-_1392507	1392507	1392533	-	4	27	TTG	TAG	0	0	
mORF_-_1392542	1392542	1392628	-	6	87	GTG	TAA	0	0	
mORF_-_1392567	1392567	1392653	-	4	87	TTG	TAA	0	0	
mORF_-_1392604	1392604	1392612	-	5	9	ATG	TGA	0	0	
mORF_-_1392625	1392625	1392762	-	5	138	TTG	TGA	0	0	
mORF_-_1392632	1392632	1392670	-	6	39	ATG	TAA	0	0	
mORF_-_1392705	1392705	1392731	-	4	27	ATG	TAA	0	0	
mORF_-_1392728	1392728	1392754	-	6	27	TTG	TGA	0	0	
mORF_-_1392759	1392759	1392785	-	4	27	TTG	TGA	0	0	
mORF_-_1392778	1392778	1392861	-	5	84	ATG	TAA	0	0	
mORF_-_1392801	1392801	1392809	-	4	9	ATG	TAA	0	0	
mORF_-_1392842	1392842	1393000	-	6	159	TTG	TAG	0	0	
mORF_-_1392915	1392915	1393946	-	4	1032	ATG	TAA	2	4	pORF_-_1392915
mORF_-_1392943	1392943	1393044	-	5	102	ATG	TAA	0	0	
mORF_-_1393013	1393013	1393039	-	6	27	TTG	TGA	0	0	
mORF_-_1393045	1393045	1393074	-	5	30	TTG	TGA	0	0	
mORF_-_1393088	1393088	1393105	-	6	18	TTG	TGA	0	0	

mORF_-_1393160	1393160	1393225	-	6	66	TTG	TGA	0	0	
mORF_-_1393268	1393268	1393351	-	6	84	TTG	TAG	0	0	
mORF_-_1393358	1393358	1393405	-	6	48	TTG	TAG	0	0	
mORF_-_1393454	1393454	1393504	-	6	51	TTG	TGA	0	0	
mORF_-_1393526	1393526	1393645	-	6	120	TTG	TGA	0	0	
mORF_-_1393676	1393676	1393690	-	6	15	TTG	TGA	0	0	
mORF_-_1393751	1393751	1393783	-	6	33	GTG	TAG	0	0	
mORF_-_1393802	1393802	1393852	-	6	51	GTG	TAA	0	0	
mORF_-_1393840	1393840	1393863	-	5	24	TTG	TAA	0	0	
mORF_-_1393877	1393877	1393921	-	6	45	ATG	TGA	0	0	
mORF_-_1393943	1393943	1394023	-	6	81	ATG	TGA	0	0	
mORF_-_1394007	1394007	1394060	-	4	54	ATG	TAA	0	0	
mORF_-_1394024	1394024	1394035	-	6	12	TTG	TGA	0	0	
mORF_-_1394032	1394032	1394082	-	5	51	TTG	TGA	0	0	
mORF_-_1394060	1394060	1394137	-	6	78	ATG	TAA	0	0	
mORF_-_1394064	1394064	1394240	-	4	177	TTG	TAG	0	0	
mORF_-_1394170	1394170	1394235	-	5	66	ATG	TGA	0	0	
mORF_-_1394186	1394186	1394257	-	6	72	ATG	TGA	0	0	
mORF_-_1394267	1394267	1394275	-	6	9	TTG	TAA	0	0	
mORF_-_1394297	1394297	1394323	-	6	27	ATG	TAA	0	0	
mORF_-_1394316	1394316	1394339	-	4	24	ATG	TAG	0	0	
mORF_-_1394324	1394324	1394452	-	6	129	ATG	TGA	0	0	
mORF_-_1394412	1394412	1394780	-	4	369	TTG	TAA	0	0	
mORF_-_1394480	1394480	1394539	-	6	60	ATG	TGA	0	0	
mORF_-_1394546	1394546	1394602	-	6	57	TTG	TGA	0	0	
mORF_-_1394572	1394572	1394583	-	5	12	GTG	TGA	0	0	
mORF_-_1394630	1394630	1394647	-	6	18	TTG	TGA	0	0	
mORF_-_1394648	1394648	1394746	-	6	99	TTG	TGA	0	0	
mORF_-_1394743	1394743	1394901	-	5	159	GTG	TGA	0	0	
mORF_-_1394787	1394787	1395041	-	4	255	TTG	TGA	0	0	
mORF_-_1394801	1394801	1395067	-	6	267	TTG	TAG	0	0	
mORF_-_1394920	1394920	1394970	-	5	51	ATG	TGA	0	0	
mORF_-_1395051	1395051	1395113	-	4	63	GTG	TAA	0	0	
mORF_-_1395154	1395154	1395204	-	5	51	ATG	TAG	0	0	
mORF_-_1395168	1395168	1395176	-	4	9	ATG	TGA	0	0	
mORF_-_1395177	1395177	1395200	-	4	24	TTG	TAA	0	0	
mORF_-_1395225	1395225	1395257	-	4	33	GTG	TGA	0	0	
mORF_-_1395263	1395263	1395274	-	6	12	TTG	TAG	0	0	
mORF_-_1395267	1395267	1395323	-	4	57	TTG	TAG	0	0	
mORF_-_1395311	1395311	1395376	-	6	66	GTG	TGA	0	0	
mORF_-_1395334	1395334	1395378	-	5	45	TTG	TGA	0	0	
mORF_-_1395382	1395382	1395513	-	5	132	TTG	TAA	0	0	
mORF_-_1395498	1395498	1395560	-	4	63	ATG	TAA	0	0	
mORF_-_1395557	1395557	1395781	-	6	225	TTG	TGA	0	0	
mORF_-_1395588	1395588	1395605	-	4	18	TTG	TAA	0	0	
mORF_-_1395696	1395696	1396673	-	4	978	TTG	TAA	31	403	pORF_-_1395696
mORF_-_1395833	1395833	1395853	-	6	21	TTG	TAG	0	0	
mORF_-_1395920	1395920	1395931	-	6	12	ATG	TGA	0	0	
mORF_-_1395959	1395959	1396027	-	6	69	TTG	TGA	0	0	
mORF_-_1396046	1396046	1396156	-	6	111	GTG	TAA	0	0	
mORF_-_1396153	1396153	1396236	-	5	84	ATG	TGA	0	0	
mORF_-_1396271	1396271	1396291	-	6	21	ATG	TGA	0	0	
mORF_-_1396334	1396334	1396405	-	6	72	ATG	TGA	0	0	
mORF_-_1396502	1396502	1396621	-	6	120	TTG	TGA	0	0	
mORF_-_1396606	1396606	1396743	-	5	138	TTG	TAA	0	0	
mORF_-_1396658	1396658	1396666	-	6	9	TTG	TAA	0	0	
mORF_-_1396694	1396694	1396702	-	6	9	ATG	TAA	0	0	
mORF_-_1396785	1396785	1396841	-	4	57	ATG	TAA	0	0	
mORF_-_1396798	1396798	1397607	-	5	810	TTG	TGA	16	96	pORF_-_1396798
mORF_-_1396932	1396932	1396961	-	4	30	GTG	TGA	0	0	
mORF_-_1396971	1396971	1397057	-	4	87	ATG	TGA	0	0	
mORF_-_1397079	1397079	1397105	-	4	27	GTG	TGA	0	0	
mORF_-_1397121	1397121	1397249	-	4	129	TTG	TGA	0	0	

mORF_-_1397183	1397183	1397188	-	6	6	ATG	TGA	0	0
mORF_-_1397268	1397268	1397504	-	4	237	GTG	TAG	0	0
mORF_-_1397438	1397438	1397506	-	6	69	TTG	TGA	0	0
mORF_-_1397586	1397586	1397621	-	4	36	TTG	TAA	0	0
mORF_-_1397669	1397669	1397722	-	6	54	TTG	TAG	0	0
mORF_-_1397683	1397683	1397730	-	5	48	GTG	TAA	0	0
mORF_-_1397703	1397703	1397732	-	4	30	TTG	TAA	0	0
mORF_-_1397738	1397738	1397806	-	6	69	ATG	TAA	0	0
mORF_-_1397745	1397745	1398260	-	4	516	ATG	TAA	0	0
mORF_-_1397764	1397764	1397847	-	5	84	TTG	TGA	0	0
mORF_-_1397813	1397813	1397896	-	6	84	GTG	TGA	0	0
mORF_-_1397945	1397945	1398061	-	6	117	GTG	TAA	0	0
mORF_-_1398074	1398074	1398199	-	6	126	ATG	TAA	0	0
mORF_-_1398106	1398106	1398171	-	5	66	ATG	TGA	0	0
mORF_-_1398196	1398196	1398213	-	5	18	GTG	TGA	0	0
mORF_-_1398206	1398206	1398247	-	6	42	TTG	TGA	0	0
mORF_-_1398254	1398254	1398604	-	6	351	ATG	TGA	0	0
mORF_-_1398271	1398271	1399803	-	5	1533	ATG	TAA	0	0
mORF_-_1398300	1398300	1398317	-	4	18	TTG	TAG	0	0
mORF_-_1398378	1398378	1398449	-	4	72	TTG	TAG	0	0
mORF_-_1398465	1398465	1398635	-	4	171	TTG	TAG	0	0
mORF_-_1398678	1398678	1398731	-	4	54	TTG	TGA	0	0
mORF_-_1398777	1398777	1398788	-	4	12	TTG	TGA	0	0
mORF_-_1398792	1398792	1398860	-	4	69	TTG	TAA	0	0
mORF_-_1398963	1398963	1399001	-	4	39	GTG	TGA	0	0
mORF_-_1399005	1399005	1399019	-	4	15	TTG	TAG	0	0
mORF_-_1399035	1399035	1399055	-	4	21	ATG	TGA	0	0
mORF_-_1399052	1399052	1399072	-	6	21	ATG	TGA	0	0
mORF_-_1399107	1399107	1399121	-	4	15	TTG	TGA	0	0
mORF_-_1399134	1399134	1399166	-	4	33	TTG	TAG	0	0
mORF_-_1399167	1399167	1399247	-	4	81	TTG	TAA	0	0
mORF_-_1399256	1399256	1399273	-	6	18	TTG	TAA	0	0
mORF_-_1399275	1399275	1399307	-	4	33	TTG	TAG	0	0
mORF_-_1399335	1399335	1399343	-	4	9	GTG	TGA	0	0
mORF_-_1399362	1399362	1399439	-	4	78	ATG	TAG	0	0
mORF_-_1399458	1399458	1399499	-	4	42	GTG	TAA	0	0
mORF_-_1399500	1399500	1399589	-	4	90	GTG	TAG	0	0
mORF_-_1399602	1399602	1399649	-	4	48	TTG	TGA	0	0
mORF_-_1399689	1399689	1399751	-	4	63	ATG	TGA	0	0
mORF_-_1399727	1399727	1399921	-	6	195	ATG	TAA	0	0
mORF_-_1399834	1399834	1401279	-	5	1446	ATG	TAA	0	0
mORF_-_1399896	1399896	1400222	-	4	327	GTG	TAA	0	0
mORF_-_1400024	1400024	1400101	-	6	78	TTG	TAG	0	0
mORF_-_1400237	1400237	1400410	-	6	174	ATG	TAA	0	0
mORF_-_1400241	1400241	1400357	-	4	117	ATG	TGA	0	0
mORF_-_1400361	1400361	1400414	-	4	54	TTG	TAG	0	0
mORF_-_1400430	1400430	1400468	-	4	39	ATG	TGA	0	0
mORF_-_1400487	1400487	1400594	-	4	108	TTG	TGA	0	0
mORF_-_1400637	1400637	1400885	-	4	249	ATG	TAA	0	0
mORF_-_1400699	1400699	1400710	-	6	12	ATG	TAA	0	0
mORF_-_1400825	1400825	1400956	-	6	132	TTG	TAA	0	0
mORF_-_1400910	1400910	1400972	-	4	63	GTG	TAG	0	0
mORF_-_1400969	1400969	1401001	-	6	33	TTG	TGA	0	0
mORF_-_1401015	1401015	1401092	-	4	78	ATG	TAA	0	0
mORF_-_1401105	1401105	1401251	-	4	147	ATG	TAG	0	0
mORF_-_1401242	1401242	1401403	-	6	162	TTG	TGA	0	0
mORF_-_1401279	1401279	1402604	-	4	1326	ATG	TGA	0	0
mORF_-_1401452	1401452	1401583	-	6	132	GTG	TAA	0	0
mORF_-_1401493	1401493	1401552	-	5	60	ATG	TGA	0	0
mORF_-_1401587	1401587	1401661	-	6	75	ATG	TGA	0	0
mORF_-_1401701	1401701	1401724	-	6	24	TTG	TGA	0	0
mORF_-_1401761	1401761	1401994	-	6	234	ATG	TAA	0	0
mORF_-_1401922	1401922	1401933	-	5	12	GTG	TGA	0	0

mORF_-_1401995	1401995	1402030	-	6	36	GTG	TAG	0	0	
mORF_-_1402058	1402058	1402153	-	6	96	ATG	TGA	0	0	
mORF_-_1402157	1402157	1402249	-	6	93	GTG	TGA	0	0	
mORF_-_1402168	1402168	1402173	-	5	6	ATG	TAA	0	0	
mORF_-_1402259	1402259	1402327	-	6	69	TTG	TGA	0	0	
mORF_-_1402315	1402315	1402332	-	5	18	ATG	TGA	0	0	
mORF_-_1402337	1402337	1402417	-	6	81	ATG	TAG	0	0	
mORF_-_1402421	1402421	1402570	-	6	150	TTG	TAG	0	0	
mORF_-_1402564	1402564	1402668	-	5	105	GTG	TAA	0	0	
mORF_-_1402665	1402665	1402766	-	4	102	ATG	TGA	0	0	
mORF_-_1402673	1402673	1402684	-	6	12	ATG	TAA	0	0	
mORF_-_1402681	1402681	1402701	-	5	21	TTG	TGA	0	0	
mORF_-_1402688	1402688	1402711	-	6	24	ATG	TAA	0	0	
mORF_-_1402711	1402711	1402863	-	5	153	TTG	TAA	0	0	
mORF_-_1402763	1402763	1402870	-	6	108	GTG	TGA	0	0	
mORF_-_1402818	1402818	1402829	-	4	12	ATG	TGA	0	0	
mORF_-_1402903	1402903	1402914	-	5	12	TTG	TAA	0	0	
mORF_-_1402945	1402945	1402977	-	5	33	GTG	TAA	0	0	
mORF_-_1402971	1402971	1403105	-	4	135	ATG	TGA	0	0	
mORF_-_1402984	1402984	1403241	-	5	258	GTG	TAG	0	0	
mORF_-_1403118	1403118	1403147	-	4	30	ATG	TGA	0	0	
mORF_-_1403187	1403187	1403213	-	4	27	TTG	TGA	0	0	
mORF_-_1403223	1403223	1403327	-	4	105	TTG	TGA	0	0	
mORF_-_1403260	1403260	1403301	-	5	42	GTG	TAA	0	0	
mORF_-_1403324	1403324	1403422	-	6	99	GTG	TGA	0	0	
mORF_-_1403332	1403332	1403415	-	5	84	TTG	TAA	0	0	
mORF_-_1403376	1403376	1403381	-	4	6	TTG	TAG	0	0	
mORF_-_1403406	1403406	1403492	-	4	87	TTG	TGA	0	0	
mORF_-_1403449	1403449	1403526	-	5	78	GTG	TGA	0	0	
mORF_-_1403459	1403459	1403473	-	6	15	TTG	TGA	0	0	
mORF_-_1403552	1403552	1403629	-	6	78	ATG	TAA	0	0	
mORF_-_1403589	1403589	1403636	-	4	48	GTG	TGA	0	0	
mORF_-_1403629	1403629	1403757	-	5	129	ATG	TAA	0	0	
mORF_-_1403633	1403633	1403737	-	6	105	ATG	TGA	0	0	
mORF_-_1403670	1403670	1403681	-	4	12	ATG	TAA	0	0	
mORF_-_1403745	1403745	1403834	-	4	90	GTG	TAA	0	0	
mORF_-_1403794	1403794	1403811	-	5	18	TTG	TAA	0	0	
mORF_-_1403846	1403846	1403881	-	6	36	ATG	TAA	0	0	
mORF_-_1403854	1403854	1403877	-	5	24	ATG	TAA	0	0	
mORF_-_1403874	1403874	1403972	-	4	99	ATG	TGA	0	0	
mORF_-_1403893	1403893	1403907	-	5	15	TTG	TAA	0	0	
mORF_-_1403969	1403969	1404169	-	6	201	ATG	TGA	0	0	
mORF_-_1403982	1403982	1404101	-	4	120	TTG	TAA	0	0	
mORF_-_1404067	1404067	1404090	-	5	24	TTG	TAG	0	0	
mORF_-_1404166	1404166	1404174	-	5	9	GTG	TGA	0	0	
mORF_-_1404174	1404174	1404392	-	4	219	ATG	TAG	0	0	
mORF_-_1404179	1404179	1404301	-	6	123	TTG	TGA	0	0	
mORF_-_1404358	1404358	1404504	-	5	147	GTG	TAA	0	0	
mORF_-_1404362	1404362	1404397	-	6	36	TTG	TGA	0	0	
mORF_-_1404446	1404446	1404460	-	6	15	GTG	TGA	0	0	
mORF_-_1404465	1404465	1404476	-	4	12	ATG	TAG	0	0	
mORF_-_1404504	1404504	1404548	-	4	45	GTG	TAG	0	0	
mORF_-_1404550	1404550	1404699	-	5	150	TTG	TAG	0	0	
mORF_-_1404587	1404587	1405879	-	6	1293	ATG	TAA	1	4	pORF_-_1404587
mORF_-_1404748	1404748	1404915	-	5	168	ATG	TAA	0	0	
mORF_-_1404762	1404762	1404887	-	4	126	ATG	TGA	0	0	
mORF_-_1405045	1405045	1405206	-	5	162	TTG	TGA	0	0	
mORF_-_1405107	1405107	1405121	-	4	15	ATG	TGA	0	0	
mORF_-_1405210	1405210	1405248	-	5	39	ATG	TGA	0	0	
mORF_-_1405245	1405245	1405307	-	4	63	GTG	TGA	0	0	
mORF_-_1405282	1405282	1405386	-	5	105	TTG	TAA	0	0	
mORF_-_1405411	1405411	1405428	-	5	18	ATG	TGA	0	0	
mORF_-_1405534	1405534	1405551	-	5	18	TTG	TGA	0	0	

mORF_-_1405711	1405711	1405737	-	5	27	ATG	TGA	0	0	
mORF_-_1405741	1405741	1405755	-	5	15	TTG	TAA	0	0	
mORF_-_1405816	1405816	1405842	-	5	27	TTG	TGA	0	0	
mORF_-_1405839	1405839	1405874	-	4	36	GTG	TGA	0	0	
mORF_-_1405876	1405876	1405920	-	5	45	GTG	TGA	0	0	
mORF_-_1405914	1405914	1405925	-	4	12	GTG	TAA	0	0	
mORF_-_1405922	1405922	1405990	-	6	69	ATG	TGA	0	0	
mORF_-_1405987	1405987	1406382	-	5	396	TTG	TGA	0	0	
mORF_-_1406037	1406037	1406072	-	4	36	GTG	TAG	0	0	
mORF_-_1406042	1406042	1406047	-	6	6	TTG	TAG	0	0	
mORF_-_1406207	1406207	1406251	-	6	45	GTG	TAA	0	0	
mORF_-_1406211	1406211	1406363	-	4	153	GTG	TAA	0	0	
mORF_-_1406336	1406336	1406341	-	6	6	ATG	TAA	0	0	
mORF_-_1406379	1406379	1406486	-	4	108	GTG	TGA	0	0	
mORF_-_1406416	1406416	1406652	-	5	237	TTG	TAA	0	0	
mORF_-_1406579	1406579	1406896	-	6	318	TTG	TAA	0	0	
mORF_-_1406607	1406607	1406648	-	4	42	TTG	TGA	0	0	
mORF_-_1406653	1406653	1406742	-	5	90	TTG	TAA	0	0	
mORF_-_1406874	1406874	1407089	-	4	216	TTG	TAG	0	0	
mORF_-_1406929	1406929	1406973	-	5	45	TTG	TAA	0	0	
mORF_-_1406939	1406939	1406986	-	6	48	TTG	TGA	0	0	
mORF_-_1407011	1407011	1407133	-	6	123	ATG	TAA	0	0	
mORF_-_1407028	1407028	1407117	-	5	90	TTG	TAA	0	0	
mORF_-_1407126	1407126	1407230	-	4	105	GTG	TAG	0	0	
mORF_-_1407134	1407134	1407193	-	6	60	ATG	TGA	0	0	
mORF_-_1407200	1407200	1407232	-	6	33	TTG	TAA	0	0	
mORF_-_1407217	1407217	1407225	-	5	9	ATG	TAA	0	0	
mORF_-_1407287	1407287	1407523	-	6	237	GTG	TGA	0	0	
mORF_-_1407294	1407294	1407341	-	4	48	GTG	TAG	0	0	
mORF_-_1407301	1407301	1407312	-	5	12	GTG	TAA	0	0	
mORF_-_1407342	1407342	1407440	-	4	99	GTG	TAA	0	0	
mORF_-_1407346	1407346	1407426	-	5	81	ATG	TAA	0	0	
mORF_-_1407456	1407456	1407581	-	4	126	GTG	TAA	0	0	
mORF_-_1407502	1407502	1407576	-	5	75	TTG	TAG	0	0	
mORF_-_1407600	1407600	1407692	-	4	93	TTG	TAA	0	0	
mORF_-_1407718	1407718	1407726	-	5	9	TTG	TAA	0	0	
mORF_-_1407739	1407739	1407747	-	5	9	TTG	TAG	0	0	
mORF_-_1407757	1407757	1407948	-	5	192	TTG	TAA	0	0	
mORF_-_1407770	1407770	1407832	-	6	63	TTG	TAG	0	0	
mORF_-_1407789	1407789	1407839	-	4	51	TTG	TGA	0	0	
mORF_-_1407908	1407908	1407964	-	6	57	GTG	TAA	0	0	
mORF_-_1407939	1407939	1408181	-	4	243	ATG	TGA	1	2	pORF_-_1407939
mORF_-_1407961	1407961	1408131	-	5	171	TTG	TGA	0	0	
mORF_-_1408043	1408043	1408114	-	6	72	TTG	TGA	0	0	
mORF_-_1408115	1408115	1408345	-	6	231	ATG	TGA	0	0	
mORF_-_1408159	1408159	1408233	-	5	75	TTG	TGA	0	0	
mORF_-_1408194	1408194	1408217	-	4	24	TTG	TAA	0	0	
mORF_-_1408240	1408240	1408332	-	5	93	TTG	TAA	0	0	
mORF_-_1408251	1408251	1408286	-	4	36	TTG	TGA	0	0	
mORF_-_1408345	1408345	1408635	-	5	291	TTG	TAA	0	0	
mORF_-_1408506	1408506	1408784	-	4	279	TTG	TGA	0	0	
mORF_-_1408559	1408559	1408585	-	6	27	GTG	TGA	0	0	
mORF_-_1408646	1408646	1408846	-	6	201	ATG	TAG	0	0	
mORF_-_1408735	1408735	1408839	-	5	105	ATG	TAA	0	0	
mORF_-_1408836	1408836	1409021	-	4	186	ATG	TGA	0	0	
mORF_-_1408871	1408871	1408933	-	6	63	TTG	TAA	0	0	
mORF_-_1408981	1408981	1408995	-	5	15	ATG	TAA	0	0	
mORF_-_1409037	1409037	1409972	-	4	936	ATG	TAA	14	31	pORF_-_1409037
mORF_-_1409042	1409042	1409056	-	6	15	ATG	TGA	0	0	
mORF_-_1409057	1409057	1409302	-	6	246	TTG	TGA	0	0	
mORF_-_1409083	1409083	1409106	-	5	24	GTG	TGA	0	0	
mORF_-_1409164	1409164	1409211	-	5	48	GTG	TGA	0	0	
mORF_-_1409303	1409303	1409440	-	6	138	ATG	TGA	0	0	

mORF_-_1409320	1409320	1409346	-	5	27	GTG	TAA	0	0
mORF_-_1409492	1409492	1409521	-	6	30	GTG	TAA	0	0
mORF_-_1409518	1409518	1409610	-	5	93	TTG	TGA	0	0
mORF_-_1409639	1409639	1409866	-	6	228	TTG	TGA	0	0
mORF_-_1409824	1409824	1409841	-	5	18	TTG	TAA	0	0
mORF_-_1409867	1409867	1409884	-	6	18	TTG	TGA	0	0
mORF_-_1409972	1409972	1410040	-	6	69	ATG	TAA	0	0
mORF_-_1409977	1409977	1410003	-	5	27	TTG	TGA	0	0
mORF_-_1409991	1409991	1410023	-	4	33	TTG	TAG	0	0
mORF_-_1410024	1410024	1411259	-	4	1236	ATG	TAG	0	0
mORF_-_1410065	1410065	1410118	-	6	54	ATG	TGA	0	0
mORF_-_1410073	1410073	1410081	-	5	9	GTG	TGA	0	0
mORF_-_1410161	1410161	1410223	-	6	63	GTG	TGA	0	0
mORF_-_1410202	1410202	1410243	-	5	42	GTG	TAA	0	0
mORF_-_1410227	1410227	1410238	-	6	12	ATG	TAA	0	0
mORF_-_1410260	1410260	1410313	-	6	54	TTG	TAA	0	0
mORF_-_1410289	1410289	1410294	-	5	6	GTG	TAA	0	0
mORF_-_1410407	1410407	1410418	-	6	12	TTG	TGA	0	0
mORF_-_1410437	1410437	1410484	-	6	48	TTG	TAA	0	0
mORF_-_1410481	1410481	1410597	-	5	117	GTG	TGA	0	0
mORF_-_1410491	1410491	1410508	-	6	18	ATG	TGA	0	0
mORF_-_1410512	1410512	1410622	-	6	111	GTG	TAG	0	0
mORF_-_1410629	1410629	1410637	-	6	9	ATG	TAA	0	0
mORF_-_1410692	1410692	1410853	-	6	162	ATG	TAA	0	0
mORF_-_1410863	1410863	1410907	-	6	45	GTG	TAA	0	0
mORF_-_1410904	1410904	1410909	-	5	6	TTG	TGA	0	0
mORF_-_1410965	1410965	1411000	-	6	36	GTG	TAA	0	0
mORF_-_1410997	1410997	1411002	-	5	6	TTG	TGA	0	0
mORF_-_1411073	1411073	1411090	-	6	18	GTG	TAA	0	0
mORF_-_1411097	1411097	1411105	-	6	9	ATG	TAA	0	0
mORF_-_1411144	1411144	1411185	-	5	42	ATG	TAA	0	0
mORF_-_1411169	1411169	1411264	-	6	96	ATG	TAA	0	0
mORF_-_1411261	1411261	1411500	-	5	240	TTG	TGA	0	0
mORF_-_1411331	1411331	1411375	-	6	45	TTG	TAA	0	0
mORF_-_1411335	1411335	1411397	-	4	63	TTG	TAG	0	0
mORF_-_1411428	1411428	1411457	-	4	30	ATG	TGA	0	0
mORF_-_1411439	1411439	1411450	-	6	12	GTG	TGA	0	0
mORF_-_1411464	1411464	1411484	-	4	21	GTG	TAA	0	0
mORF_-_1411541	1411541	1411600	-	6	60	TTG	TGA	0	0
mORF_-_1411545	1411545	1411574	-	4	30	TTG	TAG	0	0
mORF_-_1411555	1411555	1411836	-	5	282	ATG	TAA	0	0
mORF_-_1411652	1411652	1411675	-	6	24	ATG	TAA	0	0
mORF_-_1411686	1411686	1411742	-	4	57	TTG	TAA	0	0
mORF_-_1411757	1411757	1411990	-	6	234	ATG	TAA	0	0
mORF_-_1411797	1411797	1411805	-	4	9	ATG	TAA	0	0
mORF_-_1411824	1411824	1411856	-	4	33	ATG	TGA	0	0
mORF_-_1411860	1411860	1411928	-	4	69	ATG	TAA	0	0
mORF_-_1411900	1411900	1411944	-	5	45	ATG	TAA	0	0
mORF_-_1411960	1411960	1411977	-	5	18	TTG	TGA	0	0
mORF_-_1411990	1411990	1411995	-	5	6	GTG	TAA	0	0
mORF_-_1412008	1412008	1412874	-	5	867	ATG	TAA	0	0
mORF_-_1412028	1412028	1412033	-	4	6	GTG	TAA	0	0
mORF_-_1412076	1412076	1412120	-	4	45	TTG	TGA	0	0
mORF_-_1412117	1412117	1412194	-	6	78	GTG	TGA	0	0
mORF_-_1412217	1412217	1412237	-	4	21	TTG	TGA	0	0
mORF_-_1412250	1412250	1412261	-	4	12	TTG	TGA	0	0
mORF_-_1412280	1412280	1412318	-	4	39	ATG	TGA	0	0
mORF_-_1412343	1412343	1412444	-	4	102	TTG	TAA	0	0
mORF_-_1412445	1412445	1412462	-	4	18	TTG	TGA	0	0
mORF_-_1412466	1412466	1412588	-	4	123	TTG	TAA	0	0
mORF_-_1412549	1412549	1412569	-	6	21	GTG	TGA	0	0
mORF_-_1412592	1412592	1412603	-	4	12	GTG	TGA	0	0
mORF_-_1412730	1412730	1412762	-	4	33	GTG	TGA	0	0

mORF_-_1412810	1412810	1415410	-	6	2601	ATG	TAA	1	3	pORF_-_1412810
mORF_-_1412856	1412856	1412870	-	4	15	ATG	TAA	0	0	
mORF_-_1412953	1412953	1413066	-	5	114	ATG	TGA	0	0	
mORF_-_1412964	1412964	1412984	-	4	21	ATG	TGA	0	0	
mORF_-_1413130	1413130	1413297	-	5	168	TTG	TGA	0	0	
mORF_-_1413153	1413153	1413185	-	4	33	GTG	TGA	0	0	
mORF_-_1413243	1413243	1413254	-	4	12	ATG	TGA	0	0	
mORF_-_1413294	1413294	1413347	-	4	54	ATG	TGA	0	0	
mORF_-_1413409	1413409	1413444	-	5	36	TTG	TAG	0	0	
mORF_-_1413469	1413469	1413597	-	5	129	ATG	TAG	0	0	
mORF_-_1413513	1413513	1413521	-	4	9	GTG	TAA	0	0	
mORF_-_1413640	1413640	1413777	-	5	138	ATG	TAA	0	0	
mORF_-_1413669	1413669	1413677	-	4	9	TTG	TGA	0	0	
mORF_-_1413808	1413808	1413858	-	5	51	ATG	TGA	0	0	
mORF_-_1413894	1413894	1413980	-	4	87	ATG	TGA	0	0	
mORF_-_1413904	1413904	1413951	-	5	48	GTG	TGA	0	0	
mORF_-_1413973	1413973	1414125	-	5	153	TTG	TAA	0	0	
mORF_-_1414132	1414132	1414257	-	5	126	ATG	TAA	0	0	
mORF_-_1414276	1414276	1414347	-	5	72	ATG	TAA	0	0	
mORF_-_1414372	1414372	1414413	-	5	42	TTG	TGA	0	0	
mORF_-_1414426	1414426	1414536	-	5	111	TTG	TAA	0	0	
mORF_-_1414627	1414627	1414716	-	5	90	GTG	TGA	0	0	
mORF_-_1414719	1414719	1414733	-	4	15	GTG	TAA	0	0	
mORF_-_1414798	1414798	1414950	-	5	153	TTG	TGA	0	0	
mORF_-_1414938	1414938	1415021	-	4	84	TTG	TGA	0	0	
mORF_-_1414987	1414987	1415070	-	5	84	TTG	TAA	0	0	
mORF_-_1415073	1415073	1415153	-	4	81	ATG	TGA	0	0	
mORF_-_1415155	1415155	1415250	-	5	96	TTG	TGA	0	0	
mORF_-_1415293	1415293	1415361	-	5	69	GTG	TGA	0	0	
mORF_-_1415322	1415322	1415342	-	4	21	GTG	TGA	0	0	
mORF_-_1415358	1415358	1415426	-	4	69	TTG	TGA	0	0	
mORF_-_1415423	1415423	1415476	-	6	54	GTG	TGA	0	0	
mORF_-_1415433	1415433	1415522	-	4	90	GTG	TAA	0	0	
mORF_-_1415512	1415512	1415835	-	5	324	ATG	TGA	0	0	
mORF_-_1415519	1415519	1415605	-	6	87	GTG	TGA	0	0	
mORF_-_1415532	1415532	1415540	-	4	9	TTG	TGA	0	0	
mORF_-_1415541	1415541	1415627	-	4	87	TTG	TAA	0	0	
mORF_-_1415634	1415634	1415663	-	4	30	TTG	TAA	0	0	
mORF_-_1415700	1415700	1415711	-	4	12	TTG	TAA	0	0	
mORF_-_1415730	1415730	1415750	-	4	21	ATG	TGA	0	0	
mORF_-_1415757	1415757	1415774	-	4	18	ATG	TAA	0	0	
mORF_-_1415840	1415840	1415857	-	6	18	TTG	TGA	0	0	
mORF_-_1415858	1415858	1416013	-	6	156	GTG	TAA	0	0	
mORF_-_1415862	1415862	1416038	-	4	177	ATG	TAA	0	0	
mORF_-_1415869	1415869	1415898	-	5	30	TTG	TGA	0	0	
mORF_-_1415902	1415902	1415910	-	5	9	TTG	TGA	0	0	
mORF_-_1415983	1415983	1416015	-	5	33	ATG	TGA	0	0	
mORF_-_1416032	1416032	1416265	-	6	234	ATG	TGA	0	0	
mORF_-_1416049	1416049	1416066	-	5	18	GTG	TAA	0	0	
mORF_-_1416115	1416115	1416192	-	5	78	ATG	TGA	0	0	
mORF_-_1416180	1416180	1416212	-	4	33	GTG	TGA	0	0	
mORF_-_1416205	1416205	1416249	-	5	45	TTG	TGA	0	0	
mORF_-_1416228	1416228	1416329	-	4	102	TTG	TGA	0	0	
mORF_-_1416268	1416268	1416357	-	5	90	TTG	TAA	0	0	
mORF_-_1416323	1416323	1416388	-	6	66	GTG	TAA	0	0	
mORF_-_1416330	1416330	1416404	-	4	75	ATG	TAA	0	0	
mORF_-_1416376	1416376	1416408	-	5	33	GTG	TAA	0	0	
mORF_-_1416405	1416405	1416488	-	4	84	GTG	TGA	0	0	
mORF_-_1416413	1416413	1416418	-	6	6	TTG	TGA	0	0	
mORF_-_1416443	1416443	1416493	-	6	51	TTG	TGA	0	0	
mORF_-_1416481	1416481	1416486	-	5	6	GTG	TAG	0	0	
mORF_-_1416499	1416499	1416546	-	5	48	TTG	TAA	0	0	
mORF_-_1416503	1416503	1416529	-	6	27	ATG	TAA	0	0	

mORF_-_1416597	1416597	1416608	-	4	12	GTG	TAA	0	0	
mORF_-_1416631	1416631	1416822	-	5	192	TTG	TAG	0	0	
mORF_-_1416657	1416657	1416668	-	4	12	TTG	TAA	0	0	
mORF_-_1416708	1416708	1416716	-	4	9	ATG	TAA	0	0	
mORF_-_1416732	1416732	1416743	-	4	12	GTG	TAG	0	0	
mORF_-_1416807	1416807	1416818	-	4	12	ATG	TAA	0	0	
mORF_-_1416850	1416850	1416888	-	5	39	ATG	TGA	0	0	
mORF_-_1416855	1416855	1416932	-	4	78	ATG	TAA	0	0	
mORF_-_1416896	1416896	1416925	-	6	30	ATG	TGA	0	0	
mORF_-_1416925	1416925	1417074	-	5	150	ATG	TAA	0	0	
mORF_-_1416935	1416935	1416946	-	6	12	TTG	TAG	0	0	
mORF_-_1417055	1417055	1417135	-	6	81	ATG	TAA	0	0	
mORF_-_1417071	1417071	1417097	-	4	27	TTG	TGA	0	0	
mORF_-_1417108	1417108	1417119	-	5	12	GTG	TAA	0	0	
mORF_-_1417145	1417145	1417207	-	6	63	ATG	TAA	0	0	
mORF_-_1417180	1417180	1417335	-	5	156	ATG	TAA	0	0	
mORF_-_1417185	1417185	1417217	-	4	33	GTG	TAA	0	0	
mORF_-_1417229	1417229	1417297	-	6	69	GTG	TAA	0	0	
mORF_-_1417254	1417254	1417349	-	4	96	GTG	TGA	0	0	
mORF_-_1417346	1417346	1417525	-	6	180	GTG	TGA	0	0	
mORF_-_1417359	1417359	1417445	-	4	87	TTG	TAG	0	0	
mORF_-_1417494	1417494	1417556	-	4	63	ATG	TAA	0	0	
mORF_-_1417513	1417513	1417530	-	5	18	TTG	TAG	0	0	
mORF_-_1417575	1417575	1417589	-	4	15	GTG	TAA	0	0	
mORF_-_1417664	1417664	1417678	-	6	15	TTG	TAG	0	0	
mORF_-_1417746	1417746	1417835	-	4	90	TTG	TAA	0	0	
mORF_-_1417774	1417774	1417782	-	5	9	ATG	TGA	0	0	
mORF_-_1417789	1417789	1418265	-	5	477	ATG	TAA	1	2	pORF_-_1417789
mORF_-_1417875	1417875	1417922	-	4	48	ATG	TAG	0	0	
mORF_-_1417898	1417898	1417906	-	6	9	TTG	TGA	0	0	
mORF_-_1417941	1417941	1417946	-	4	6	TTG	TAG	0	0	
mORF_-_1417953	1417953	1417961	-	4	9	ATG	TAA	0	0	
mORF_-_1417992	1417992	1418075	-	4	84	ATG	TAG	0	0	
mORF_-_1418045	1418045	1418056	-	6	12	TTG	TAA	0	0	
mORF_-_1418075	1418075	1418092	-	6	18	ATG	TGA	0	0	
mORF_-_1418115	1418115	1418141	-	4	27	ATG	TAA	0	0	
mORF_-_1418244	1418244	1418258	-	4	15	GTG	TAG	0	0	
mORF_-_1418269	1418269	1418301	-	5	33	TTG	TAA	0	0	
mORF_-_1418289	1418289	1418294	-	4	6	ATG	TAA	0	0	
mORF_-_1418294	1418294	1418326	-	6	33	GTG	TAA	0	0	
mORF_-_1418311	1418311	1418319	-	5	9	ATG	TAA	0	0	
mORF_-_1418319	1418319	1418339	-	4	21	TTG	TAA	0	0	
mORF_-_1418345	1418345	1418410	-	6	66	ATG	TAA	0	0	
mORF_-_1418356	1418356	1418385	-	5	30	ATG	TAG	0	0	
mORF_-_1418403	1418403	1418414	-	4	12	TTG	TAG	0	0	
mORF_-_1418407	1418407	1418442	-	5	36	TTG	TGA	0	0	
mORF_-_1418411	1418411	1418449	-	6	39	TTG	TGA	0	0	
mORF_-_1418453	1418453	1418479	-	6	27	TTG	TAG	0	0	
mORF_-_1418470	1418470	1418511	-	5	42	TTG	TGA	0	0	
mORF_-_1418487	1418487	1418498	-	4	12	TTG	TGA	0	0	
mORF_-_1418495	1418495	1418671	-	6	177	ATG	TGA	0	0	
mORF_-_1418508	1418508	1418663	-	4	156	TTG	TGA	0	0	
mORF_-_1418635	1418635	1418646	-	5	12	TTG	TGA	0	0	
mORF_-_1418668	1418668	1418856	-	5	189	TTG	TGA	0	0	
mORF_-_1418676	1418676	1418693	-	4	18	TTG	TGA	0	0	
mORF_-_1418690	1418690	1418728	-	6	39	GTG	TGA	0	0	
mORF_-_1418715	1418715	1418789	-	4	75	TTG	TGA	0	0	
mORF_-_1418750	1418750	1418968	-	6	219	GTG	TAG	0	0	
mORF_-_1418790	1418790	1419038	-	4	249	TTG	TAA	0	0	
mORF_-_1418965	1418965	1418979	-	5	15	ATG	TGA	0	0	
mORF_-_1419026	1419026	1419127	-	6	102	ATG	TAA	0	0	
mORF_-_1419070	1419070	1419120	-	5	51	ATG	TAA	0	0	
mORF_-_1419117	1419117	1419134	-	4	18	TTG	TGA	0	0	

mORF_-_1419127	1419127	1419225	-	5	99	ATG	TAA	0	0
mORF_-_1419156	1419156	1419191	-	4	36	TTG	TAA	0	0
mORF_-_1419161	1419161	1419169	-	6	9	GTG	TAG	0	0
mORF_-_1419192	1419192	1419209	-	4	18	ATG	TAA	0	0
mORF_-_1419203	1419203	1419253	-	6	51	ATG	TAA	0	0
mORF_-_1419232	1419232	1419297	-	5	66	TTG	TAA	0	0
mORF_-_1419257	1419257	1419430	-	6	174	ATG	TGA	0	0
mORF_-_1419294	1419294	1419320	-	4	27	TTG	TGA	0	0
mORF_-_1419298	1419298	1419477	-	5	180	TTG	TAA	0	0
mORF_-_1419324	1419324	1419341	-	4	18	TTG	TAG	0	0
mORF_-_1419357	1419357	1419455	-	4	99	ATG	TAG	0	0
mORF_-_1419459	1419459	1419545	-	4	87	TTG	TGA	0	0
mORF_-_1419482	1419482	1419550	-	6	69	TTG	TGA	0	0
mORF_-_1419560	1419560	1419601	-	6	42	ATG	TAA	0	0
mORF_-_1419571	1419571	1420146	-	5	576	TTG	TGA	0	0
mORF_-_1419606	1419606	1419620	-	4	15	TTG	TGA	0	0
mORF_-_1419714	1419714	1419776	-	4	63	ATG	TAA	0	0
mORF_-_1419807	1419807	1419857	-	4	51	GTG	TAG	0	0
mORF_-_1419854	1419854	1419877	-	6	24	GTG	TGA	0	0
mORF_-_1419990	1419990	1420079	-	4	90	ATG	TGA	0	0
mORF_-_1420061	1420061	1420354	-	6	294	GTG	TGA	0	0
mORF_-_1420143	1420143	1420313	-	4	171	TTG	TGA	0	0
mORF_-_1420159	1420159	1420215	-	5	57	TTG	TGA	0	0
mORF_-_1420270	1420270	1420284	-	5	15	ATG	TGA	0	0
mORF_-_1420355	1420355	1420441	-	6	87	GTG	TAA	0	0
mORF_-_1420425	1420425	1420643	-	4	219	ATG	TAA	0	0
mORF_-_1420447	1420447	1420527	-	5	81	ATG	TAG	0	0
mORF_-_1420463	1420463	1420564	-	6	102	GTG	TGA	0	0
mORF_-_1420624	1420624	1420821	-	5	198	ATG	TAG	0	0
mORF_-_1420757	1420757	1420942	-	6	186	TTG	TAA	0	0
mORF_-_1420946	1420946	1421134	-	6	189	TTG	TGA	0	0
mORF_-_1420987	1420987	1421055	-	5	69	GTG	TGA	0	0
mORF_-_1421025	1421025	1421057	-	4	33	TTG	TAA	0	0
mORF_-_1421074	1421074	1421127	-	5	54	TTG	TAG	0	0
mORF_-_1421128	1421128	1421247	-	5	120	ATG	TGA	0	0
mORF_-_1421174	1421174	1421182	-	6	9	ATG	TAA	0	0
mORF_-_1421238	1421238	1421264	-	4	27	ATG	TAA	0	0
mORF_-_1421261	1421261	1421278	-	6	18	ATG	TGA	0	0
mORF_-_1421271	1421271	1421354	-	4	84	TTG	TAA	0	0
mORF_-_1421278	1421278	1421295	-	5	18	ATG	TAA	0	0
mORF_-_1421299	1421299	1421319	-	5	21	TTG	TAG	0	0
mORF_-_1421355	1421355	1421402	-	4	48	TTG	TAA	0	0
mORF_-_1421374	1421374	1421490	-	5	117	TTG	TGA	0	0
mORF_-_1421417	1421417	1421485	-	6	69	GTG	TAA	0	0
mORF_-_1421500	1421500	1421568	-	5	69	GTG	TGA	0	0
mORF_-_1421504	1421504	1421641	-	6	138	TTG	TGA	0	0
mORF_-_1421581	1421581	1421589	-	5	9	GTG	TAA	0	0
mORF_-_1421635	1421635	1421646	-	5	12	ATG	TGA	0	0
mORF_-_1421660	1421660	1421692	-	6	33	ATG	TAA	0	0
mORF_-_1421677	1421677	1421682	-	5	6	TTG	TAG	0	0
mORF_-_1421689	1421689	1421709	-	5	21	ATG	TGA	0	0
mORF_-_1421740	1421740	1421763	-	5	24	ATG	TAA	0	0
mORF_-_1421747	1421747	1421815	-	6	69	ATG	TAA	0	0
mORF_-_1421800	1421800	1421838	-	5	39	ATG	TAA	0	0
mORF_-_1421831	1421831	1421899	-	6	69	ATG	TAA	0	0
mORF_-_1421872	1421872	1422003	-	5	132	TTG	TGA	0	0
mORF_-_1421904	1421904	1421999	-	4	96	ATG	TAA	0	0
mORF_-_1421945	1421945	1421983	-	6	39	TTG	TAA	0	0
mORF_-_1422000	1422000	1422110	-	4	111	ATG	TGA	0	0
mORF_-_1422062	1422062	1422070	-	6	9	ATG	TAA	0	0
mORF_-_1422107	1422107	1422157	-	6	51	TTG	TGA	0	0
mORF_-_1422173	1422173	1422211	-	6	39	GTG	TAA	0	0
mORF_-_1422239	1422239	1422319	-	6	81	ATG	TAA	0	0

mORF_-_1422297	1422297	1422338	-	4	42	GTG	TGA	0	0
mORF_-_1422335	1422335	1422367	-	6	33	GTG	TGA	0	0
mORF_-_1422388	1422388	1422453	-	5	66	GTG	TAA	0	0
mORF_-_1422443	1422443	1422487	-	6	45	TTG	TAG	0	0
mORF_-_1422450	1422450	1422464	-	4	15	GTG	TGA	0	0
mORF_-_1422484	1422484	1422492	-	5	9	ATG	TGA	0	0
mORF_-_1422519	1422519	1422671	-	4	153	ATG	TAG	0	0
mORF_-_1422658	1422658	1422732	-	5	75	ATG	TAA	0	0
mORF_-_1422729	1422729	1422761	-	4	33	GTG	TGA	0	0
mORF_-_1422772	1422772	1422807	-	5	36	GTG	TAA	0	0
mORF_-_1422776	1422776	1422859	-	6	84	TTG	TAG	0	0
mORF_-_1422786	1422786	1422911	-	4	126	TTG	TAA	0	0
mORF_-_1422872	1422872	1422880	-	6	9	GTG	TAA	0	0
mORF_-_1422877	1422877	1422936	-	5	60	ATG	TGA	0	0
mORF_-_1423020	1423020	1423190	-	4	171	ATG	TAA	0	0
mORF_-_1423079	1423079	1423105	-	6	27	ATG	TAA	0	0
mORF_-_1423136	1423136	1423150	-	6	15	ATG	TAG	0	0
mORF_-_1423160	1423160	1423174	-	6	15	TTG	TAA	0	0
mORF_-_1423229	1423229	1423309	-	6	81	GTG	TAA	0	0
mORF_-_1423296	1423296	1423361	-	4	66	GTG	TAA	0	0
mORF_-_1423310	1423310	1423321	-	6	12	TTG	TGA	0	0
mORF_-_1423331	1423331	1423387	-	6	57	ATG	TAA	0	0
mORF_-_1423380	1423380	1423394	-	4	15	TTG	TAA	0	0
mORF_-_1423384	1423384	1423494	-	5	111	GTG	TGA	0	0
mORF_-_1423424	1423424	1423462	-	6	39	TTG	TAG	0	0
mORF_-_1423434	1423434	1423439	-	4	6	TTG	TAA	0	0
mORF_-_1423446	1423446	1423574	-	4	129	GTG	TGA	0	0
mORF_-_1423571	1423571	1423759	-	6	189	TTG	TGA	0	0
mORF_-_1423668	1423668	1423796	-	4	129	ATG	TGA	0	0
mORF_-_1423690	1423690	1423731	-	5	42	GTG	TAA	0	0
mORF_-_1423789	1423789	1424055	-	5	267	TTG	TAA	0	0
mORF_-_1423812	1423812	1423955	-	4	144	ATG	TAA	0	0
mORF_-_1423850	1423850	1423870	-	6	21	GTG	TAA	0	0
mORF_-_1423904	1423904	1424002	-	6	99	ATG	TAA	0	0
mORF_-_1424074	1424074	1424085	-	5	12	GTG	TGA	0	0
mORF_-_1424116	1424116	1424277	-	5	162	GTG	TAA	0	0
mORF_-_1424162	1424162	1424227	-	6	66	GTG	TAA	0	0
mORF_-_1424220	1424220	1424231	-	4	12	ATG	TAA	0	0
mORF_-_1424294	1424294	1424329	-	6	36	GTG	TGA	0	0
mORF_-_1424334	1424334	1424390	-	4	57	ATG	TAA	0	0
mORF_-_1424356	1424356	1424505	-	5	150	TTG	TAA	0	0
mORF_-_1424360	1424360	1424440	-	6	81	GTG	TAA	0	0
mORF_-_1424421	1424421	1424489	-	4	69	TTG	TAA	0	0
mORF_-_1424471	1424471	1424566	-	6	96	TTG	TAA	0	0
mORF_-_1424509	1424509	1424559	-	5	51	ATG	TAA	0	0
mORF_-_1424563	1424563	1424595	-	5	33	TTG	TGA	0	0
mORF_-_1424614	1424614	1424649	-	5	36	TTG	TAG	0	0
mORF_-_1424662	1424662	1424685	-	5	24	TTG	TAG	0	0
mORF_-_1424705	1424705	1424791	-	6	87	GTG	TAG	0	0
mORF_-_1424715	1424715	1424888	-	4	174	TTG	TAA	0	0
mORF_-_1424885	1424885	1424902	-	6	18	TTG	TGA	0	0
mORF_-_1424925	1424925	1425272	-	4	348	TTG	TAG	0	0
mORF_-_1424956	1424956	1425030	-	5	75	GTG	TAA	0	0
mORF_-_1425040	1425040	1425075	-	5	36	TTG	TAA	0	0
mORF_-_1425119	1425119	1425178	-	6	60	TTG	TGA	0	0
mORF_-_1425175	1425175	1425186	-	5	12	TTG	TGA	0	0
mORF_-_1425265	1425265	1425303	-	5	39	TTG	TAA	0	0
mORF_-_1425269	1425269	1425370	-	6	102	GTG	TGA	0	0
mORF_-_1425273	1425273	1425278	-	4	6	TTG	TGA	0	0
mORF_-_1425279	1425279	1425341	-	4	63	TTG	TAA	0	0
mORF_-_1425319	1425319	1425384	-	5	66	ATG	TAG	0	0
mORF_-_1425374	1425374	1425712	-	6	339	GTG	TGA	0	0
mORF_-_1425393	1425393	1425413	-	4	21	ATG	TAA	0	0

mORF_-_1425418	1425418	1425432	-	5	15	TTG	TAG	0	0	
mORF_-_1425540	1425540	1425788	-	4	249	GTG	TGA	0	0	
mORF_-_1425598	1425598	1425621	-	5	24	TTG	TAA	0	0	
mORF_-_1425670	1425670	1425714	-	5	45	ATG	TAA	0	0	
mORF_-_1425728	1425728	1425748	-	6	21	ATG	TAA	0	0	
mORF_-_1425770	1425770	1426750	-	6	981	ATG	TAA	24	48	pORF_-_1425770
mORF_-_1425883	1425883	1425936	-	5	54	GTG	TGA	0	0	
mORF_-_1426030	1426030	1426149	-	5	120	ATG	TGA	0	0	
mORF_-_1426146	1426146	1426235	-	4	90	GTG	TGA	0	0	
mORF_-_1426183	1426183	1426209	-	5	27	TTG	TGA	0	0	
mORF_-_1426219	1426219	1426323	-	5	105	ATG	TGA	0	0	
mORF_-_1426432	1426432	1426527	-	5	96	GTG	TGA	0	0	
mORF_-_1426461	1426461	1426652	-	4	192	ATG	TAG	0	0	
mORF_-_1426534	1426534	1426602	-	5	69	ATG	TGA	0	0	
mORF_-_1426639	1426639	1426722	-	5	84	GTG	TGA	0	0	
mORF_-_1426747	1426747	1426929	-	5	183	ATG	TGA	0	0	
mORF_-_1426796	1426796	1426867	-	6	72	GTG	TGA	0	0	
mORF_-_1426939	1426939	1426983	-	5	45	ATG	TAA	0	0	
mORF_-_1426996	1426996	1427151	-	5	156	TTG	TAA	0	0	
mORF_-_1427009	1427009	1427182	-	6	174	GTG	TAA	0	0	
mORF_-_1427216	1427216	1427224	-	6	9	ATG	TAA	0	0	
mORF_-_1427240	1427240	1427296	-	6	57	ATG	TGA	0	0	
mORF_-_1427251	1427251	1427283	-	5	33	GTG	TAA	0	0	
mORF_-_1427280	1427280	1427318	-	4	39	TTG	TGA	0	0	
mORF_-_1427296	1427296	1428390	-	5	1095	TTG	TAA	0	0	
mORF_-_1427315	1427315	1427542	-	6	228	GTG	TGA	0	0	
mORF_-_1427481	1427481	1427504	-	4	24	ATG	TGA	0	0	
mORF_-_1427570	1427570	1428319	-	6	750	GTG	TGA	0	0	
mORF_-_1427715	1427715	1427720	-	4	6	TTG	TAG	0	0	
mORF_-_1428258	1428258	1428281	-	4	24	TTG	TGA	0	0	
mORF_-_1428359	1428359	1428499	-	6	141	TTG	TGA	0	0	
mORF_-_1428409	1428409	1428456	-	5	48	TTG	TAG	0	0	
mORF_-_1428484	1428484	1428531	-	5	48	TTG	TGA	0	0	
mORF_-_1428548	1428548	1428628	-	6	81	ATG	TAG	0	0	
mORF_-_1428685	1428685	1428708	-	5	24	ATG	TAA	0	0	
mORF_-_1428719	1428719	1428787	-	6	69	GTG	TAA	0	0	
mORF_-_1428733	1428733	1428771	-	5	39	TTG	TAA	0	0	
mORF_-_1428768	1428768	1428923	-	4	156	GTG	TGA	0	0	
mORF_-_1428781	1428781	1428792	-	5	12	TTG	TGA	0	0	
mORF_-_1428841	1428841	1428927	-	5	87	TTG	TAA	0	0	
mORF_-_1428878	1428878	1428886	-	6	9	ATG	TAA	0	0	
mORF_-_1428899	1428899	1428919	-	6	21	ATG	TGA	0	0	
mORF_-_1429003	1429003	1429032	-	5	30	GTG	TAA	0	0	
mORF_-_1429020	1429020	1429157	-	4	138	ATG	TGA	0	0	
mORF_-_1429051	1429051	1429083	-	5	33	TTG	TAA	0	0	
mORF_-_1429154	1429154	1429204	-	6	51	GTG	TGA	0	0	
mORF_-_1429168	1429168	1429266	-	5	99	ATG	TAA	0	0	
mORF_-_1429266	1429266	1429313	-	4	48	TTG	TAA	0	0	
mORF_-_1429292	1429292	1429309	-	6	18	TTG	TAA	0	0	
mORF_-_1429303	1429303	1429341	-	5	39	ATG	TAA	0	0	
mORF_-_1429322	1429322	1429483	-	6	162	TTG	TAA	0	0	
mORF_-_1429354	1429354	1429368	-	5	15	TTG	TAG	0	0	
mORF_-_1429381	1429381	1429449	-	5	69	TTG	TAA	0	0	
mORF_-_1429422	1429422	1429442	-	4	21	TTG	TAA	0	0	
mORF_-_1429489	1429489	1429569	-	5	81	ATG	TAA	0	0	
mORF_-_1429494	1429494	1429679	-	4	186	ATG	TAA	0	0	
mORF_-_1429589	1429589	1429600	-	6	12	GTG	TAA	0	0	
mORF_-_1429627	1429627	1429812	-	5	186	ATG	TAA	0	0	
mORF_-_1429832	1429832	1429864	-	6	33	TTG	TAA	0	0	
mORF_-_1429892	1429892	1429942	-	6	51	TTG	TAA	0	0	
mORF_-_1429899	1429899	1430141	-	4	243	GTG	TGA	0	0	
mORF_-_1429970	1429970	1430044	-	6	75	GTG	TGA	0	0	
mORF_-_1429987	1429987	1430046	-	5	60	ATG	TAA	0	0	

mORF_-_1430057	1430057	1430161	-	6	105	GTG	TAA	0	0	
mORF_-_1430065	1430065	1430097	-	5	33	GTG	TAG	0	0	
mORF_-_1430113	1430113	1430145	-	5	33	GTG	TAG	0	0	
mORF_-_1430170	1430170	1430346	-	5	177	GTG	TAG	0	0	
mORF_-_1430193	1430193	1430222	-	4	30	TTG	TGA	0	0	
mORF_-_1430225	1430225	1430272	-	6	48	GTG	TAG	0	0	
mORF_-_1430235	1430235	1430258	-	4	24	GTG	TGA	0	0	
mORF_-_1430259	1430259	1430327	-	4	69	GTG	TGA	0	0	
mORF_-_1430318	1430318	1430404	-	6	87	ATG	TGA	0	0	
mORF_-_1430343	1430343	1430441	-	4	99	ATG	TGA	0	0	
mORF_-_1430395	1430395	1430409	-	5	15	ATG	TGA	0	0	
mORF_-_1430410	1430410	1430469	-	5	60	ATG	TAA	0	0	
mORF_-_1430414	1430414	1430539	-	6	126	ATG	TAG	0	0	
mORF_-_1430442	1430442	1430462	-	4	21	GTG	TGA	0	0	
mORF_-_1430505	1430505	1430573	-	4	69	GTG	TAA	0	0	
mORF_-_1430536	1430536	1430610	-	5	75	TTG	TGA	0	0	
mORF_-_1430607	1430607	1430624	-	4	18	ATG	TGA	0	0	
mORF_-_1430621	1430621	1430647	-	6	27	ATG	TGA	0	0	
mORF_-_1430662	1430662	1430682	-	5	21	TTG	TAA	0	0	
mORF_-_1430724	1430724	1431020	-	4	297	ATG	TAA	0	0	
mORF_-_1430732	1430732	1430863	-	6	132	ATG	TAA	0	0	
mORF_-_1430752	1430752	1430838	-	5	87	TTG	TGA	0	0	
mORF_-_1430972	1430972	1431088	-	6	117	ATG	TGA	0	0	
mORF_-_1431034	1431034	1431051	-	5	18	ATG	TAA	0	0	
mORF_-_1431052	1431052	1431093	-	5	42	GTG	TAA	0	0	
mORF_-_1431090	1431090	1431095	-	4	6	GTG	TGA	0	0	
mORF_-_1431108	1431108	1431698	-	4	591	ATG	TAA	3	6	pORF_-_1431108
mORF_-_1431143	1431143	1431187	-	6	45	GTG	TAA	0	0	
mORF_-_1431194	1431194	1431241	-	6	48	ATG	TAA	0	0	
mORF_-_1431242	1431242	1431262	-	6	21	TTG	TAA	0	0	
mORF_-_1431290	1431290	1431331	-	6	42	TTG	TAG	0	0	
mORF_-_1431383	1431383	1431397	-	6	15	GTG	TGA	0	0	
mORF_-_1431388	1431388	1431411	-	5	24	TTG	TGA	0	0	
mORF_-_1431434	1431434	1431478	-	6	45	TTG	TGA	0	0	
mORF_-_1431469	1431469	1431474	-	5	6	TTG	TAA	0	0	
mORF_-_1431494	1431494	1431499	-	6	6	TTG	TGA	0	0	
mORF_-_1431500	1431500	1431514	-	6	15	GTG	TGA	0	0	
mORF_-_1431508	1431508	1431516	-	5	9	ATG	TGA	0	0	
mORF_-_1431518	1431518	1431556	-	6	39	GTG	TGA	0	0	
mORF_-_1431590	1431590	1431685	-	6	96	TTG	TAA	0	0	
mORF_-_1431708	1431708	1431740	-	4	33	ATG	TAG	0	0	
mORF_-_1431725	1431725	1431838	-	6	114	TTG	TGA	0	0	
mORF_-_1431742	1431742	1431786	-	5	45	GTG	TGA	0	0	
mORF_-_1431759	1431759	1431899	-	4	141	TTG	TAA	0	0	
mORF_-_1431922	1431922	1431969	-	5	48	TTG	TAA	0	0	
mORF_-_1431927	1431927	1432028	-	4	102	ATG	TAA	0	0	
mORF_-_1432015	1432015	1432281	-	5	267	ATG	TAA	0	0	
mORF_-_1432082	1432082	1432093	-	6	12	ATG	TAA	0	0	
mORF_-_1432104	1432104	1432127	-	4	24	TTG	TAA	0	0	
mORF_-_1432173	1432173	1432181	-	4	9	ATG	TAG	0	0	
mORF_-_1432202	1432202	1432225	-	6	24	GTG	TGA	0	0	
mORF_-_1432268	1432268	1432354	-	6	87	TTG	TAA	0	0	
mORF_-_1432317	1432317	1432430	-	4	114	ATG	TAA	0	0	
mORF_-_1432367	1432367	1432375	-	6	9	ATG	TAA	0	0	
mORF_-_1432442	1432442	1432474	-	6	33	TTG	TAA	0	0	
mORF_-_1432453	1432453	1432554	-	5	102	TTG	TAA	0	0	
mORF_-_1432493	1432493	1432513	-	6	21	ATG	TAA	0	0	
mORF_-_1432521	1432521	1432577	-	4	57	TTG	TGA	0	0	
mORF_-_1432567	1432567	1432596	-	5	30	TTG	TAA	0	0	
mORF_-_1432603	1432603	1432644	-	5	42	ATG	TAA	0	0	
mORF_-_1432616	1432616	1432621	-	6	6	GTG	TAG	0	0	
mORF_-_1432631	1432631	1432876	-	6	246	TTG	TAA	0	0	
mORF_-_1432657	1432657	1432764	-	5	108	GTG	TAA	0	0	

mORF_-_1432761	1432761	1432865	-	4	105	TTG	TGA	0	0	
mORF_-_1432889	1432889	1432927	-	6	39	GTG	TAA	0	0	
mORF_-_1432921	1432921	1432929	-	5	9	ATG	TAA	0	0	
mORF_-_1432979	1432979	1433032	-	6	54	ATG	TAA	0	0	
mORF_-_1433033	1433033	1433233	-	6	201	GTG	TAA	0	0	
mORF_-_1433077	1433077	1433178	-	5	102	TTG	TGA	0	0	
mORF_-_1433154	1433154	1433162	-	4	9	ATG	TGA	0	0	
mORF_-_1433175	1433175	1433219	-	4	45	TTG	TGA	0	0	
mORF_-_1433209	1433209	1433715	-	5	507	GTG	TGA	26	380	pORF_-_1433209
mORF_-_1433247	1433247	1433306	-	4	60	TTG	TAG	0	0	
mORF_-_1433313	1433313	1433384	-	4	72	ATG	TGA	0	0	
mORF_-_1433451	1433451	1433459	-	4	9	ATG	TGA	0	0	
mORF_-_1433487	1433487	1433504	-	4	18	ATG	TAG	0	0	
mORF_-_1433529	1433529	1433573	-	4	45	TTG	TGA	0	0	
mORF_-_1433595	1433595	1433627	-	4	33	TTG	TAA	0	0	
mORF_-_1433640	1433640	1433669	-	4	30	ATG	TGA	0	0	
mORF_-_1433712	1433712	1433717	-	4	6	ATG	TGA	0	0	
mORF_-_1433725	1433725	1433733	-	5	9	TTG	TAA	0	0	
mORF_-_1433730	1433730	1433765	-	4	36	ATG	TGA	0	0	
mORF_-_1433784	1433784	1434917	-	4	1134	ATG	TAA	23	44	pORF_-_1433784
mORF_-_1433804	1433804	1434004	-	6	201	GTG	TAG	0	0	
mORF_-_1434017	1434017	1434118	-	6	102	TTG	TGA	0	0	
mORF_-_1434125	1434125	1434175	-	6	51	ATG	TGA	0	0	
mORF_-_1434169	1434169	1434198	-	5	30	GTG	TAA	0	0	
mORF_-_1434182	1434182	1434274	-	6	93	GTG	TAA	0	0	
mORF_-_1434293	1434293	1434376	-	6	84	ATG	TAG	0	0	
mORF_-_1434419	1434419	1434427	-	6	9	ATG	TGA	0	0	
mORF_-_1434428	1434428	1434472	-	6	45	ATG	TAA	0	0	
mORF_-_1434485	1434485	1434523	-	6	39	TTG	TGA	0	0	
mORF_-_1434563	1434563	1434607	-	6	45	TTG	TAA	0	0	
mORF_-_1434574	1434574	1434639	-	5	66	ATG	TAA	0	0	
mORF_-_1434611	1434611	1434814	-	6	204	ATG	TGA	0	0	
mORF_-_1434658	1434658	1434690	-	5	33	ATG	TGA	0	0	
mORF_-_1434821	1434821	1434868	-	6	48	GTG	TAG	0	0	
mORF_-_1434939	1434939	1434977	-	4	39	ATG	TAA	0	0	
mORF_-_1434996	1434996	1435013	-	4	18	ATG	TAA	0	0	
mORF_-_1435017	1435017	1435100	-	4	84	TTG	TAA	0	0	
mORF_-_1435040	1435040	1435096	-	6	57	ATG	TGA	0	0	
mORF_-_1435109	1435109	1435189	-	6	81	ATG	TAA	0	0	
mORF_-_1435146	1435146	1435226	-	4	81	TTG	TAA	0	0	
mORF_-_1435171	1435171	1435200	-	5	30	GTG	TAA	0	0	
mORF_-_1435254	1435254	1435283	-	4	30	ATG	TAA	0	0	
mORF_-_1435271	1435271	1435363	-	6	93	ATG	TAA	0	0	
mORF_-_1435284	1435284	1438808	-	4	3525	ATG	TAA	28	80	pORF_-_1435284
mORF_-_1435351	1435351	1435371	-	5	21	ATG	TGA	0	0	
mORF_-_1435403	1435403	1435612	-	6	210	TTG	TGA	0	0	
mORF_-_1435594	1435594	1435599	-	5	6	GTG	TGA	0	0	
mORF_-_1435670	1435670	1435708	-	6	39	ATG	TGA	0	0	
mORF_-_1435721	1435721	1435771	-	6	51	TTG	TGA	0	0	
mORF_-_1435774	1435774	1435833	-	5	60	ATG	TAA	0	0	
mORF_-_1435778	1435778	1435816	-	6	39	GTG	TAA	0	0	
mORF_-_1435874	1435874	1435930	-	6	57	TTG	TGA	0	0	
mORF_-_1435931	1435931	1436032	-	6	102	GTG	TGA	0	0	
mORF_-_1436069	1436069	1436128	-	6	60	GTG	TGA	0	0	
mORF_-_1436144	1436144	1436257	-	6	114	ATG	TGA	0	0	
mORF_-_1436179	1436179	1436199	-	5	21	ATG	TGA	0	0	
mORF_-_1436288	1436288	1436305	-	6	18	ATG	TGA	0	0	
mORF_-_1436315	1436315	1436371	-	6	57	TTG	TGA	0	0	
mORF_-_1436323	1436323	1436355	-	5	33	TTG	TAA	0	0	
mORF_-_1436384	1436384	1436482	-	6	99	ATG	TGA	0	0	
mORF_-_1436498	1436498	1436623	-	6	126	GTG	TGA	0	0	
mORF_-_1436512	1436512	1436559	-	5	48	GTG	TAA	0	0	
mORF_-_1436563	1436563	1436577	-	5	15	TTG	TAA	0	0	

mORF_-_1436630	1436630	1436860	-	6	231	TTG	TGA	0	0	
mORF_-_1436674	1436674	1436715	-	5	42	TTG	TGA	0	0	
mORF_-_1436731	1436731	1436736	-	5	6	ATG	TAA	0	0	
mORF_-_1436891	1436891	1436911	-	6	21	ATG	TGA	0	0	
mORF_-_1436972	1436972	1437058	-	6	87	GTG	TAG	0	0	
mORF_-_1437101	1437101	1437154	-	6	54	GTG	TGA	0	0	
mORF_-_1437133	1437133	1437156	-	5	24	ATG	TAA	0	0	
mORF_-_1437178	1437178	1437246	-	5	69	GTG	TAA	0	0	
mORF_-_1437182	1437182	1437187	-	6	6	ATG	TGA	0	0	
mORF_-_1437209	1437209	1437253	-	6	45	ATG	TAA	0	0	
mORF_-_1437296	1437296	1437352	-	6	57	TTG	TAA	0	0	
mORF_-_1437355	1437355	1437471	-	5	117	GTG	TGA	0	0	
mORF_-_1437419	1437419	1437541	-	6	123	ATG	TGA	0	0	
mORF_-_1437608	1437608	1437760	-	6	153	ATG	TGA	0	0	
mORF_-_1437788	1437788	1437820	-	6	33	GTG	TAA	0	0	
mORF_-_1437920	1437920	1437943	-	6	24	GTG	TGA	0	0	
mORF_-_1437947	1437947	1437982	-	6	36	TTG	TAA	0	0	
mORF_-_1438004	1438004	1438078	-	6	75	ATG	TGA	0	0	
mORF_-_1438079	1438079	1438102	-	6	24	ATG	TGA	0	0	
mORF_-_1438099	1438099	1438119	-	5	21	ATG	TGA	0	0	
mORF_-_1438178	1438178	1438309	-	6	132	TTG	TGA	0	0	
mORF_-_1438306	1438306	1438410	-	5	105	TTG	TGA	0	0	
mORF_-_1438337	1438337	1438474	-	6	138	TTG	TGA	0	0	
mORF_-_1438487	1438487	1438501	-	6	15	TTG	TAG	0	0	
mORF_-_1438544	1438544	1438645	-	6	102	TTG	TGA	0	0	
mORF_-_1438642	1438642	1438668	-	5	27	TTG	TGA	0	0	
mORF_-_1438676	1438676	1438798	-	6	123	TTG	TAA	0	0	
mORF_-_1438795	1438795	1438830	-	5	36	TTG	TGA	0	0	
mORF_-_1438805	1438805	1438885	-	6	81	TTG	TGA	0	0	
mORF_-_1438818	1438818	1438949	-	4	132	TTG	TAA	0	0	
mORF_-_1438879	1438879	1439319	-	5	441	GTG	TAA	0	0	
mORF_-_1438946	1438946	1438972	-	6	27	ATG	TGA	0	0	
mORF_-_1439115	1439115	1439168	-	4	54	GTG	TAA	0	0	
mORF_-_1439181	1439181	1439255	-	4	75	TTG	TAA	0	0	
mORF_-_1439252	1439252	1439299	-	6	48	TTG	TGA	0	0	
mORF_-_1439345	1439345	1439779	-	6	435	TTG	TAA	6	13	pORF_-_1439345
mORF_-_1439416	1439416	1439433	-	5	18	GTG	TGA	0	0	
mORF_-_1439440	1439440	1439472	-	5	33	ATG	TGA	0	0	
mORF_-_1439484	1439484	1439492	-	4	9	GTG	TAA	0	0	
mORF_-_1439524	1439524	1439553	-	5	30	GTG	TGA	0	0	
mORF_-_1439565	1439565	1439570	-	4	6	GTG	TAA	0	0	
mORF_-_1439587	1439587	1439601	-	5	15	TTG	TGA	0	0	
mORF_-_1439647	1439647	1439709	-	5	63	ATG	TAA	0	0	
mORF_-_1439709	1439709	1439720	-	4	12	ATG	TAA	0	0	
mORF_-_1439713	1439713	1439718	-	5	6	GTG	TAA	0	0	
mORF_-_1439737	1439737	1439748	-	5	12	TTG	TAA	0	0	
mORF_-_1439780	1439780	1439875	-	6	96	TTG	TAA	0	0	
mORF_-_1439800	1439800	1439829	-	5	30	ATG	TAG	0	0	
mORF_-_1439878	1439878	1440867	-	5	990	ATG	TAA	30	166	pORF_-_1439878
mORF_-_1439970	1439970	1440035	-	4	66	ATG	TGA	0	0	
mORF_-_1440042	1440042	1440113	-	4	72	TTG	TGA	0	0	
mORF_-_1440126	1440126	1440155	-	4	30	TTG	TGA	0	0	
mORF_-_1440156	1440156	1440164	-	4	9	GTG	TGA	0	0	
mORF_-_1440186	1440186	1440194	-	4	9	ATG	TGA	0	0	
mORF_-_1440246	1440246	1440371	-	4	126	TTG	TGA	0	0	
mORF_-_1440378	1440378	1440440	-	4	63	ATG	TGA	0	0	
mORF_-_1440456	1440456	1440485	-	4	30	GTG	TGA	0	0	
mORF_-_1440531	1440531	1440581	-	4	51	GTG	TGA	0	0	
mORF_-_1440591	1440591	1440641	-	4	51	GTG	TGA	0	0	
mORF_-_1440675	1440675	1440707	-	4	33	ATG	TGA	0	0	
mORF_-_1440704	1440704	1440724	-	6	21	ATG	TGA	0	0	
mORF_-_1440711	1440711	1440740	-	4	30	ATG	TAA	0	0	
mORF_-_1440765	1440765	1440800	-	4	36	TTG	TGA	0	0	

mORF_-_1440848	1440848	1440895	-	6	48	GTG	TAG	0	0
mORF_-_1440892	1440892	1440897	-	5	6	ATG	TGA	0	0
mORF_-_1440898	1440898	1440930	-	5	33	TTG	TAA	0	0
mORF_-_1440917	1440917	1440922	-	6	6	TTG	TAA	0	0
mORF_-_1440933	1440933	1441022	-	4	90	GTG	TAA	0	0
mORF_-_1440944	1440944	1440973	-	6	30	TTG	TAG	0	0
mORF_-_1440967	1440967	1441017	-	5	51	ATG	TGA	0	0
mORF_-_1440980	1440980	1440994	-	6	15	TTG	TAA	0	0
mORF_-_1441010	1441010	1441024	-	6	15	TTG	TAA	0	0
mORF_-_1441065	1441065	1441250	-	4	186	ATG	TAA	0	0
mORF_-_1441118	1441118	1441225	-	6	108	GTG	TAA	0	0
mORF_-_1441243	1441243	1441293	-	5	51	ATG	TAA	0	0
mORF_-_1441281	1441281	1441457	-	4	177	TTG	TGA	0	0
mORF_-_1441295	1441295	1441417	-	6	123	GTG	TGA	0	0
mORF_-_1441312	1441312	1441317	-	5	6	ATG	TGA	0	0
mORF_-_1441330	1441330	1441395	-	5	66	TTG	TAA	0	0
mORF_-_1441454	1441454	1441516	-	6	63	ATG	TGA	0	0
mORF_-_1441516	1441516	1441701	-	5	186	ATG	TAA	0	0
mORF_-_1441703	1441703	1441795	-	6	93	GTG	TAG	0	0
mORF_-_1441735	1441735	1441992	-	5	258	TTG	TGA	0	0
mORF_-_1441842	1441842	1442042	-	4	201	ATG	TGA	0	0
mORF_-_1442052	1442052	1442285	-	4	234	ATG	TGA	0	0
mORF_-_1442096	1442096	1442185	-	6	90	TTG	TGA	0	0
mORF_-_1442233	1442233	1442451	-	5	219	ATG	TAA	0	0
mORF_-_1442382	1442382	1442627	-	4	246	GTG	TAG	0	0
mORF_-_1442402	1442402	1442407	-	6	6	GTG	TAA	0	0
mORF_-_1442462	1442462	1442572	-	6	111	GTG	TAA	0	0
mORF_-_1442497	1442497	1442502	-	5	6	TTG	TAA	0	0
mORF_-_1442533	1442533	1442577	-	5	45	ATG	TAA	0	0
mORF_-_1442585	1442585	1442602	-	6	18	GTG	TAA	0	0
mORF_-_1442599	1442599	1442616	-	5	18	TTG	TGA	0	0
mORF_-_1442624	1442624	1442653	-	6	30	TTG	TGA	0	0
mORF_-_1442710	1442710	1442796	-	5	87	TTG	TAA	0	0
mORF_-_1442789	1442789	1442878	-	6	90	ATG	TAG	0	0
mORF_-_1442845	1442845	1443099	-	5	255	TTG	TAA	0	0
mORF_-_1443105	1443105	1443419	-	4	315	TTG	TAA	0	0
mORF_-_1443146	1443146	1443238	-	6	93	ATG	TAA	0	0
mORF_-_1443160	1443160	1443186	-	5	27	TTG	TAA	0	0
mORF_-_1443187	1443187	1443204	-	5	18	ATG	TAA	0	0
mORF_-_1443235	1443235	1443273	-	5	39	TTG	TGA	0	0
mORF_-_1443260	1443260	1443292	-	6	33	ATG	TGA	0	0
mORF_-_1443293	1443293	1443439	-	6	147	TTG	TAA	0	0
mORF_-_1443453	1443453	1443527	-	4	75	ATG	TAG	0	0
mORF_-_1443464	1443464	1443481	-	6	18	TTG	TAA	0	0
mORF_-_1443508	1443508	1443585	-	5	78	ATG	TAA	0	0
mORF_-_1443599	1443599	1444012	-	6	414	ATG	TAA	0	0
mORF_-_1443616	1443616	1443741	-	5	126	ATG	TAA	0	0
mORF_-_1443738	1443738	1443956	-	4	219	TTG	TGA	0	0
mORF_-_1443745	1443745	1443786	-	5	42	GTG	TAA	0	0
mORF_-_1444020	1444020	1444073	-	4	54	ATG	TAA	0	0
mORF_-_1444060	1444060	1444236	-	5	177	TTG	TAA	0	0
mORF_-_1444073	1444073	1444321	-	6	249	TTG	TAA	0	0
mORF_-_1444095	1444095	1444178	-	4	84	TTG	TAA	0	0
mORF_-_1444227	1444227	1444295	-	4	69	TTG	TAA	0	0
mORF_-_1444279	1444279	1444308	-	5	30	TTG	TAG	0	0
mORF_-_1444318	1444318	1444353	-	5	36	TTG	TGA	0	0
mORF_-_1444350	1444350	1444397	-	4	48	TTG	TGA	0	0
mORF_-_1444367	1444367	1444387	-	6	21	ATG	TAG	0	0
mORF_-_1444402	1444402	1445307	-	5	906	ATG	TAA	0	0
mORF_-_1444434	1444434	1444550	-	4	117	GTG	TGA	0	0
mORF_-_1444478	1444478	1444492	-	6	15	TTG	TGA	0	0
mORF_-_1444520	1444520	1444552	-	6	33	TTG	TGA	0	0
mORF_-_1444587	1444587	1444607	-	4	21	TTG	TAG	0	0

mORF_-_1444622	1444622	1444657	-	6	36	GTG	TAG	0	0
mORF_-_1444695	1444695	1444802	-	4	108	GTG	TGA	0	0
mORF_-_1444724	1444724	1444777	-	6	54	GTG	TGA	0	0
mORF_-_1444830	1444830	1445051	-	4	222	ATG	TGA	0	0
mORF_-_1445061	1445061	1445105	-	4	45	ATG	TAA	0	0
mORF_-_1445175	1445175	1445207	-	4	33	GTG	TAA	0	0
mORF_-_1445219	1445219	1445275	-	6	57	ATG	TGA	0	0
mORF_-_1445223	1445223	1445288	-	4	66	ATG	TGA	0	0
mORF_-_1445288	1445288	1445359	-	6	72	TTG	TAA	0	0
mORF_-_1445304	1445304	1445312	-	4	9	GTG	TGA	0	0
mORF_-_1445337	1445337	1445348	-	4	12	ATG	TAA	0	0
mORF_-_1445369	1445369	1445416	-	6	48	ATG	TAG	0	0
mORF_-_1445382	1445382	1445432	-	4	51	GTG	TAG	0	0
mORF_-_1445401	1445401	1445517	-	5	117	GTG	TGA	0	0
mORF_-_1445429	1445429	1445557	-	6	129	ATG	TGA	0	0
mORF_-_1445514	1445514	1445636	-	4	123	GTG	TGA	0	0
mORF_-_1445567	1445567	1445680	-	6	114	TTG	TAA	0	0
mORF_-_1445608	1445608	1445886	-	5	279	ATG	TAA	0	0
mORF_-_1445730	1445730	1446122	-	4	393	TTG	TGA	0	0
mORF_-_1445804	1445804	1445869	-	6	66	TTG	TAG	0	0
mORF_-_1445929	1445929	1445952	-	5	24	TTG	TAA	0	0
mORF_-_1446007	1446007	1446222	-	5	216	GTG	TGA	0	0
mORF_-_1446129	1446129	1446152	-	4	24	GTG	TAA	0	0
mORF_-_1446219	1446219	1446260	-	4	42	GTG	TGA	0	0
mORF_-_1446257	1446257	1446268	-	6	12	ATG	TGA	0	0
mORF_-_1446285	1446285	1446380	-	4	96	TTG	TAA	0	0
mORF_-_1446293	1446293	1446337	-	6	45	GTG	TGA	0	0
mORF_-_1446386	1446386	1446544	-	6	159	TTG	TAA	0	0
mORF_-_1446478	1446478	1446609	-	5	132	TTG	TAA	0	0
mORF_-_1446510	1446510	1446572	-	4	63	GTG	TAA	0	0
mORF_-_1446560	1446560	1446601	-	6	42	GTG	TGA	0	0
mORF_-_1446576	1446576	1446704	-	4	129	TTG	TAA	0	0
mORF_-_1446617	1446617	1446646	-	6	30	TTG	TGA	0	0
mORF_-_1446691	1446691	1446822	-	5	132	GTG	TAA	0	0
mORF_-_1446726	1446726	1446815	-	4	90	TTG	TAG	0	0
mORF_-_1446803	1446803	1446808	-	6	6	TTG	TAA	0	0
mORF_-_1446833	1446833	1446856	-	6	24	TTG	TAA	0	0
mORF_-_1446890	1446890	1446922	-	6	33	ATG	TAA	0	0
mORF_-_1446965	1446965	1447099	-	6	135	TTG	TGA	0	0
mORF_-_1447039	1447039	1447056	-	5	18	ATG	TAA	0	0
mORF_-_1447053	1447053	1447103	-	4	51	GTG	TGA	0	0
mORF_-_1447100	1447100	1449409	-	6	2310	TTG	TGA	0	0
mORF_-_1447123	1447123	1447143	-	5	21	TTG	TAG	0	0
mORF_-_1447140	1447140	1447199	-	4	60	GTG	TGA	0	0
mORF_-_1447159	1447159	1447218	-	5	60	ATG	TGA	0	0
mORF_-_1447234	1447234	1447305	-	5	72	ATG	TGA	0	0
mORF_-_1447302	1447302	1447409	-	4	108	GTG	TGA	0	0
mORF_-_1447390	1447390	1447431	-	5	42	GTG	TAA	0	0
mORF_-_1447438	1447438	1447461	-	5	24	ATG	TAG	0	0
mORF_-_1447519	1447519	1447617	-	5	99	GTG	TGA	0	0
mORF_-_1447633	1447633	1447674	-	5	42	ATG	TAA	0	0
mORF_-_1447675	1447675	1447803	-	5	129	GTG	TAG	0	0
mORF_-_1447807	1447807	1447887	-	5	81	ATG	TGA	0	0
mORF_-_1447918	1447918	1448097	-	5	180	TTG	TAG	0	0
mORF_-_1448107	1448107	1448187	-	5	81	TTG	TAA	0	0
mORF_-_1448188	1448188	1448235	-	5	48	ATG	TGA	0	0
mORF_-_1448317	1448317	1448406	-	5	90	TTG	TGA	0	0
mORF_-_1448434	1448434	1448451	-	5	18	TTG	TAG	0	0
mORF_-_1448473	1448473	1448568	-	5	96	ATG	TAG	0	0
mORF_-_1448575	1448575	1448592	-	5	18	ATG	TGA	0	0
mORF_-_1448623	1448623	1448637	-	5	15	ATG	TGA	0	0
mORF_-_1448656	1448656	1448961	-	5	306	TTG	TGA	0	0
mORF_-_1448986	1448986	1448994	-	5	9	ATG	TAA	0	0

mORF_-_1449016	1449016	1449054	-	5	39	ATG	TAG	0	0	
mORF_-_1449100	1449100	1449153	-	5	54	GTG	TAG	0	0	
mORF_-_1449166	1449166	1449180	-	5	15	ATG	TGA	0	0	
mORF_-_1449183	1449183	1449218	-	4	36	GTG	TAA	0	0	
mORF_-_1449187	1449187	1449288	-	5	102	TTG	TGA	0	0	
mORF_-_1449403	1449403	1449441	-	5	39	GTG	TAA	0	0	
mORF_-_1449438	1449438	1449551	-	4	114	ATG	TGA	0	0	
mORF_-_1449446	1449446	1449460	-	6	15	TTG	TGA	0	0	
mORF_-_1449509	1449509	1449592	-	6	84	TTG	TGA	0	0	
mORF_-_1449544	1449544	1449567	-	5	24	GTG	TGA	0	0	
mORF_-_1449564	1449564	1449569	-	4	6	TTG	TGA	0	0	
mORF_-_1449573	1449573	1449617	-	4	45	GTG	TAA	0	0	
mORF_-_1449593	1449593	1449613	-	6	21	ATG	TAG	0	0	
mORF_-_1449614	1449614	1449637	-	6	24	GTG	TGA	0	0	
mORF_-_1449621	1449621	1451666	-	4	2046	ATG	TAA	1	0	pORF_-_1449621
mORF_-_1449634	1449634	1449717	-	5	84	ATG	TGA	0	0	
mORF_-_1449707	1449707	1449727	-	6	21	GTG	TAG	0	0	
mORF_-_1449812	1449812	1450012	-	6	201	TTG	TAA	0	0	
mORF_-_1449961	1449961	1449999	-	5	39	TTG	TAA	0	0	
mORF_-_1450043	1450043	1450150	-	6	108	TTG	TGA	0	0	
mORF_-_1450072	1450072	1450131	-	5	60	GTG	TGA	0	0	
mORF_-_1450214	1450214	1450366	-	6	153	TTG	TAG	0	0	
mORF_-_1450382	1450382	1450435	-	6	54	ATG	TGA	0	0	
mORF_-_1450402	1450402	1450419	-	5	18	TTG	TAG	0	0	
mORF_-_1450457	1450457	1450579	-	6	123	GTG	TGA	0	0	
mORF_-_1450507	1450507	1450596	-	5	90	ATG	TGA	0	0	
mORF_-_1450616	1450616	1450651	-	6	36	ATG	TGA	0	0	
mORF_-_1450670	1450670	1450762	-	6	93	TTG	TGA	0	0	
mORF_-_1450741	1450741	1450785	-	5	45	ATG	TAA	0	0	
mORF_-_1450805	1450805	1450864	-	6	60	ATG	TGA	0	0	
mORF_-_1450982	1450982	1451026	-	6	45	GTG	TGA	0	0	
mORF_-_1451036	1451036	1451077	-	6	42	TTG	TGA	0	0	
mORF_-_1451068	1451068	1451154	-	5	87	GTG	TAG	0	0	
mORF_-_1451234	1451234	1451260	-	6	27	GTG	TGA	0	0	
mORF_-_1451279	1451279	1451437	-	6	159	GTG	TGA	0	0	
mORF_-_1451284	1451284	1451298	-	5	15	GTG	TGA	0	0	
mORF_-_1451371	1451371	1451379	-	5	9	TTG	TGA	0	0	
mORF_-_1451438	1451438	1451476	-	6	39	GTG	TGA	0	0	
mORF_-_1451489	1451489	1451560	-	6	72	GTG	TGA	0	0	
mORF_-_1451557	1451557	1451574	-	5	18	ATG	TGA	0	0	
mORF_-_1451611	1451611	1451730	-	5	120	TTG	TAG	0	0	
mORF_-_1451685	1451685	1451690	-	4	6	ATG	TGA	0	0	
mORF_-_1451750	1451750	1451773	-	6	24	TTG	TAA	0	0	
mORF_-_1451754	1451754	1451837	-	4	84	GTG	TAG	0	0	
mORF_-_1451786	1451786	1451794	-	6	9	GTG	TAA	0	0	
mORF_-_1451809	1451809	1451844	-	5	36	TTG	TAA	0	0	
mORF_-_1451834	1451834	1451848	-	6	15	ATG	TGA	0	0	
mORF_-_1451841	1451841	1451852	-	4	12	TTG	TGA	0	0	
mORF_-_1451864	1451864	1451896	-	6	33	TTG	TAA	0	0	
mORF_-_1451872	1451872	1451889	-	5	18	ATG	TAG	0	0	
mORF_-_1451915	1451915	1452235	-	6	321	TTG	TAA	0	0	
mORF_-_1451997	1451997	1452041	-	4	45	ATG	TAG	0	0	
mORF_-_1452028	1452028	1452153	-	5	126	TTG	TAA	0	0	
mORF_-_1452108	1452108	1452206	-	4	99	GTG	TGA	0	0	
mORF_-_1452187	1452187	1452228	-	5	42	ATG	TAG	0	0	
mORF_-_1452229	1452229	1452270	-	5	42	ATG	TAG	0	0	
mORF_-_1452273	1452273	1452287	-	4	15	ATG	TAA	0	0	
mORF_-_1452277	1452277	1452345	-	5	69	TTG	TAA	0	0	
mORF_-_1452342	1452342	1452455	-	4	114	GTG	TGA	0	0	
mORF_-_1452346	1452346	1452366	-	5	21	GTG	TGA	0	0	
mORF_-_1452356	1452356	1452493	-	6	138	TTG	TAA	0	0	
mORF_-_1452370	1452370	1452408	-	5	39	TTG	TAA	0	0	
mORF_-_1452430	1452430	1452450	-	5	21	ATG	TGA	0	0	

mORF_-_1452475	1452475	1452696	-	5	222	GTG	TGA	0	0
mORF_-_1452501	1452501	1452560	-	4	60	TTG	TAA	0	0
mORF_-_1452524	1452524	1452862	-	6	339	ATG	TAA	0	0
mORF_-_1452597	1452597	1452644	-	4	48	GTG	TGA	0	0
mORF_-_1452753	1452753	1452890	-	4	138	TTG	TAA	0	0
mORF_-_1452775	1452775	1452795	-	5	21	TTG	TGA	0	0
mORF_-_1452887	1452887	1453141	-	6	255	TTG	TGA	0	0
mORF_-_1452903	1452903	1452938	-	4	36	TTG	TAA	0	0
mORF_-_1452949	1452949	1452960	-	5	12	ATG	TGA	0	0
mORF_-_1452970	1452970	1452975	-	5	6	ATG	TAA	0	0
mORF_-_1453017	1453017	1453124	-	4	108	TTG	TAA	0	0
mORF_-_1453042	1453042	1453335	-	5	294	GTG	TGA	0	0
mORF_-_1453146	1453146	1453175	-	4	30	ATG	TAA	0	0
mORF_-_1453197	1453197	1453271	-	4	75	GTG	TAA	0	0
mORF_-_1453205	1453205	1453210	-	6	6	GTG	TAA	0	0
mORF_-_1453268	1453268	1453309	-	6	42	ATG	TGA	0	0
mORF_-_1453328	1453328	1453561	-	6	234	TTG	TGA	0	0
mORF_-_1453417	1453417	1453473	-	5	57	GTG	TGA	0	0
mORF_-_1453425	1453425	1453586	-	4	162	GTG	TAA	0	0
mORF_-_1453483	1453483	1453494	-	5	12	ATG	TGA	0	0
mORF_-_1453510	1453510	1453566	-	5	57	TTG	TAA	0	0
mORF_-_1453583	1453583	1453882	-	6	300	ATG	TGA	0	0
mORF_-_1453638	1453638	1453646	-	4	9	TTG	TGA	0	0
mORF_-_1453681	1453681	1453752	-	5	72	GTG	TAA	0	0
mORF_-_1453758	1453758	1453979	-	4	222	GTG	TAA	0	0
mORF_-_1453795	1453795	1453968	-	5	174	ATG	TGA	0	0
mORF_-_1453922	1453922	1453987	-	6	66	ATG	TGA	0	0
mORF_-_1453984	1453984	1454175	-	5	192	TTG	TGA	0	0
mORF_-_1454043	1454043	1454075	-	4	33	GTG	TAA	0	0
mORF_-_1454051	1454051	1454455	-	6	405	ATG	TAA	0	0
mORF_-_1454103	1454103	1454171	-	4	69	TTG	TAA	0	0
mORF_-_1454181	1454181	1454219	-	4	39	ATG	TAA	0	0
mORF_-_1454191	1454191	1454388	-	5	198	TTG	TGA	0	0
mORF_-_1454274	1454274	1454357	-	4	84	GTG	TAA	0	0
mORF_-_1454361	1454361	1454393	-	4	33	ATG	TGA	0	0
mORF_-_1454428	1454428	1454484	-	5	57	TTG	TAA	0	0
mORF_-_1454433	1454433	1454468	-	4	36	ATG	TGA	0	0
mORF_-_1454465	1454465	1454518	-	6	54	ATG	TGA	0	0
mORF_-_1454472	1454472	1454576	-	4	105	ATG	TAA	0	0
mORF_-_1454610	1454610	1454759	-	4	150	ATG	TAA	0	0
mORF_-_1454621	1454621	1454629	-	6	9	ATG	TAA	0	0
mORF_-_1454639	1454639	1454677	-	6	39	ATG	TAG	0	0
mORF_-_1454699	1454699	1454743	-	6	45	ATG	TAG	0	0
mORF_-_1454740	1454740	1454805	-	5	66	TTG	TGA	0	0
mORF_-_1454795	1454795	1454854	-	6	60	GTG	TAG	0	0
mORF_-_1454824	1454824	1454832	-	5	9	TTG	TAA	0	0
mORF_-_1454856	1454856	1454861	-	4	6	TTG	TAA	0	0
mORF_-_1454876	1454876	1454884	-	6	9	GTG	TGA	0	0
mORF_-_1454881	1454881	1454934	-	5	54	GTG	TGA	0	0
mORF_-_1454891	1454891	1454953	-	6	63	TTG	TAG	0	0
mORF_-_1454960	1454960	1454983	-	6	24	ATG	TGA	0	0
mORF_-_1454967	1454967	1455020	-	4	54	GTG	TAA	0	0
mORF_-_1454986	1454986	1455051	-	5	66	GTG	TGA	0	0
mORF_-_1455017	1455017	1455067	-	6	51	ATG	TGA	0	0
mORF_-_1455067	1455067	1455093	-	5	27	ATG	TAA	0	0
mORF_-_1455080	1455080	1455169	-	6	90	ATG	TAA	0	0
mORF_-_1455094	1455094	1455147	-	5	54	GTG	TAA	0	0
mORF_-_1455138	1455138	1455239	-	4	102	TTG	TAA	0	0
mORF_-_1455170	1455170	1455208	-	6	39	TTG	TGA	0	0
mORF_-_1455254	1455254	1455304	-	6	51	ATG	TGA	0	0
mORF_-_1455283	1455283	1455522	-	5	240	ATG	TAA	0	0
mORF_-_1455341	1455341	1455415	-	6	75	TTG	TAG	0	0
mORF_-_1455449	1455449	1455550	-	6	102	TTG	TAA	0	0

mORF_-_1455544	1455544	1455819	-	5	276	TTG	TGA	0	0
mORF_-_1455570	1455570	1455587	-	4	18	GTG	TAA	0	0
mORF_-_1455596	1455596	1455619	-	6	24	TTG	TAG	0	0
mORF_-_1455675	1455675	1455689	-	4	15	GTG	TAA	0	0
mORF_-_1455714	1455714	1455761	-	4	48	GTG	TGA	0	0
mORF_-_1455770	1455770	1455946	-	6	177	TTG	TAG	0	0
mORF_-_1455792	1455792	1455803	-	4	12	GTG	TAA	0	0
mORF_-_1455816	1455816	1455854	-	4	39	ATG	TGA	0	0
mORF_-_1455823	1455823	1456011	-	5	189	GTG	TAA	0	0
mORF_-_1455974	1455974	1456021	-	6	48	TTG	TAA	0	0
mORF_-_1456008	1456008	1456025	-	4	18	GTG	TGA	0	0
mORF_-_1456041	1456041	1456136	-	4	96	TTG	TAA	0	0
mORF_-_1456082	1456082	1456111	-	6	30	GTG	TAA	0	0
mORF_-_1456108	1456108	1456206	-	5	99	GTG	TGA	0	0
mORF_-_1456124	1456124	1456174	-	6	51	TTG	TAA	0	0
mORF_-_1456199	1456199	1456234	-	6	36	ATG	TAA	0	0
mORF_-_1456203	1456203	1456220	-	4	18	TTG	TGA	0	0
mORF_-_1456231	1456231	1456266	-	5	36	GTG	TGA	0	0
mORF_-_1456253	1456253	1456258	-	6	6	TTG	TAA	0	0
mORF_-_1456275	1456275	1456301	-	4	27	ATG	TAA	0	0
mORF_-_1456285	1456285	1456311	-	5	27	ATG	TAG	0	0
mORF_-_1456304	1456304	1456333	-	6	30	GTG	TGA	0	0
mORF_-_1456308	1456308	1456427	-	4	120	GTG	TGA	0	0
mORF_-_1456333	1456333	1456389	-	5	57	TTG	TAG	0	0
mORF_-_1456367	1456367	1456387	-	6	21	GTG	TAA	0	0
mORF_-_1456476	1456476	1456508	-	4	33	GTG	TGA	0	0
mORF_-_1456484	1456484	1456585	-	6	102	TTG	TAA	0	0
mORF_-_1456548	1456548	1456769	-	4	222	ATG	TAG	0	0
mORF_-_1456604	1456604	1456642	-	6	39	GTG	TGA	0	0
mORF_-_1456658	1456658	1456678	-	6	21	TTG	TAA	0	0
mORF_-_1456694	1456694	1456906	-	6	213	ATG	TAA	0	0
mORF_-_1456735	1456735	1456968	-	5	234	TTG	TAA	0	0
mORF_-_1456791	1456791	1456952	-	4	162	TTG	TGA	0	0
mORF_-_1457016	1457016	1457285	-	4	270	ATG	TAA	0	0
mORF_-_1457045	1457045	1457056	-	6	12	GTG	TAG	0	0
mORF_-_1457053	1457053	1457136	-	5	84	ATG	TGA	0	0
mORF_-_1457063	1457063	1457164	-	6	102	GTG	TGA	0	0
mORF_-_1457155	1457155	1457283	-	5	129	GTG	TGA	0	0
mORF_-_1457171	1457171	1457224	-	6	54	GTG	TAA	0	0
mORF_-_1457237	1457237	1457416	-	6	180	TTG	TGA	0	0
mORF_-_1457314	1457314	1457436	-	5	123	GTG	TGA	0	0
mORF_-_1457370	1457370	1457414	-	4	45	GTG	TGA	0	0
mORF_-_1457430	1457430	1457444	-	4	15	TTG	TAG	0	0
mORF_-_1457441	1457441	1457503	-	6	63	ATG	TGA	0	0
mORF_-_1457508	1457508	1457519	-	4	12	GTG	TAA	0	0
mORF_-_1457544	1457544	1457558	-	4	15	TTG	TGA	0	0
mORF_-_1457591	1457591	1457629	-	6	39	ATG	TAG	0	0
mORF_-_1457649	1457649	1457735	-	4	87	GTG	TAA	0	0
mORF_-_1457791	1457791	1458183	-	5	393	ATG	TGA	0	0
mORF_-_1457855	1457855	1457872	-	6	18	TTG	TAA	0	0
mORF_-_1457982	1457982	1457990	-	4	9	TTG	TAA	0	0
mORF_-_1458018	1458018	1458263	-	4	246	TTG	TGA	0	0
mORF_-_1458038	1458038	1458055	-	6	18	TTG	TAA	0	0
mORF_-_1458164	1458164	1458382	-	6	219	TTG	TGA	0	0
mORF_-_1458187	1458187	1458207	-	5	21	TTG	TAA	0	0
mORF_-_1458229	1458229	1458273	-	5	45	TTG	TAA	0	0
mORF_-_1458270	1458270	1458524	-	4	255	ATG	TGA	0	0
mORF_-_1458292	1458292	1458333	-	5	42	ATG	TGA	0	0
mORF_-_1458419	1458419	1458430	-	6	12	GTG	TAG	0	0
mORF_-_1458458	1458458	1458472	-	6	15	TTG	TGA	0	0
mORF_-_1458493	1458493	1458528	-	5	36	TTG	TAA	0	0
mORF_-_1458500	1458500	1458616	-	6	117	GTG	TGA	0	0
mORF_-_1458571	1458571	1458579	-	5	9	TTG	TAA	0	0

mORF_-_1458576	1458576	1458650	-	4	75	GTG	TGA	0	0
mORF_-_1458613	1458613	1458621	-	5	9	GTG	TGA	0	0
mORF_-_1458628	1458628	1458669	-	5	42	GTG	TAA	0	0
mORF_-_1458689	1458689	1458772	-	6	84	GTG	TAG	0	0
mORF_-_1458774	1458774	1458884	-	4	111	GTG	TAA	0	0
mORF_-_1458800	1458800	1458808	-	6	9	TTG	TGA	0	0
mORF_-_1458821	1458821	1458829	-	6	9	ATG	TAA	0	0
mORF_-_1458881	1458881	1458901	-	6	21	ATG	TGA	0	0
mORF_-_1458930	1458930	1458983	-	4	54	TTG	TAA	0	0
mORF_-_1459086	1459086	1459169	-	4	84	TTG	TAG	0	0
mORF_-_1459090	1459090	1459302	-	5	213	TTG	TGA	0	0
mORF_-_1459173	1459173	1459220	-	4	48	GTG	TAA	0	0
mORF_-_1459227	1459227	1459286	-	4	60	GTG	TAA	0	0
mORF_-_1459277	1459277	1459387	-	6	111	TTG	TGA	0	0
mORF_-_1459293	1459293	1459316	-	4	24	ATG	TAA	0	0
mORF_-_1459324	1459324	1459377	-	5	54	ATG	TGA	0	0
mORF_-_1459374	1459374	1459640	-	4	267	ATG	TGA	0	0
mORF_-_1459381	1459381	1459404	-	5	24	ATG	TGA	0	0
mORF_-_1459445	1459445	1459459	-	6	15	TTG	TGA	0	0
mORF_-_1459472	1459472	1459504	-	6	33	TTG	TAG	0	0
mORF_-_1459480	1459480	1459770	-	5	291	ATG	TGA	0	0
mORF_-_1459508	1459508	1459591	-	6	84	ATG	TGA	0	0
mORF_-_1459628	1459628	1459861	-	6	234	GTG	TAA	0	0
mORF_-_1459707	1459707	1459949	-	4	243	GTG	TAA	0	0
mORF_-_1459858	1459858	1459962	-	5	105	TTG	TGA	0	0
mORF_-_1459916	1459916	1459951	-	6	36	ATG	TAG	0	0
mORF_-_1459971	1459971	1460369	-	4	399	TTG	TAG	0	0
mORF_-_1459979	1459979	1460131	-	6	153	TTG	TAA	0	0
mORF_-_1460056	1460056	1460079	-	5	24	ATG	TAA	0	0
mORF_-_1460089	1460089	1460103	-	5	15	ATG	TGA	0	0
mORF_-_1460144	1460144	1460218	-	6	75	GTG	TAG	0	0
mORF_-_1460200	1460200	1460298	-	5	99	ATG	TAA	0	0
mORF_-_1460309	1460309	1460398	-	6	90	TTG	TGA	0	0
mORF_-_1460320	1460320	1460679	-	5	360	TTG	TGA	0	0
mORF_-_1460370	1460370	1460417	-	4	48	ATG	TAG	0	0
mORF_-_1460418	1460418	1460438	-	4	21	GTG	TGA	0	0
mORF_-_1460460	1460460	1460540	-	4	81	TTG	TAG	0	0
mORF_-_1460676	1460676	1460693	-	4	18	ATG	TGA	0	0
mORF_-_1460696	1460696	1460704	-	6	9	ATG	TAA	0	0
mORF_-_1460706	1460706	1460846	-	4	141	GTG	TAA	0	0
mORF_-_1460714	1460714	1460806	-	6	93	GTG	TAA	0	0
mORF_-_1460843	1460843	1460851	-	6	9	GTG	TGA	0	0
mORF_-_1460859	1460859	1460930	-	4	72	ATG	TAA	0	0
mORF_-_1460869	1460869	1461000	-	5	132	ATG	TGA	0	0
mORF_-_1460912	1460912	1460926	-	6	15	TTG	TAG	0	0
mORF_-_1460960	1460960	1460980	-	6	21	GTG	TAA	0	0
mORF_-_1460967	1460967	1461047	-	4	81	ATG	TGA	0	0
mORF_-_1461014	1461014	1461037	-	6	24	ATG	TGA	0	0
mORF_-_1461051	1461051	1461197	-	4	147	TTG	TAA	0	0
mORF_-_1461146	1461146	1461175	-	6	30	GTG	TAA	0	0
mORF_-_1461172	1461172	1461207	-	5	36	ATG	TGA	0	0
mORF_-_1461194	1461194	1461298	-	6	105	ATG	TGA	0	0
mORF_-_1461208	1461208	1461249	-	5	42	ATG	TAA	0	0
mORF_-_1461219	1461219	1461446	-	4	228	TTG	TAA	0	0
mORF_-_1461256	1461256	1461342	-	5	87	ATG	TGA	0	0
mORF_-_1461409	1461409	1461531	-	5	123	ATG	TGA	0	0
mORF_-_1461521	1461521	1461871	-	6	351	TTG	TAG	0	0
mORF_-_1461535	1461535	1461786	-	5	252	ATG	TGA	0	0
mORF_-_1461612	1461612	1461623	-	4	12	ATG	TGA	0	0
mORF_-_1461810	1461810	1461926	-	4	117	TTG	TGA	0	0
mORF_-_1461856	1461856	1462155	-	5	300	ATG	TAA	0	0
mORF_-_1461923	1461923	1462135	-	6	213	ATG	TGA	0	0
mORF_-_1461939	1461939	1462106	-	4	168	GTG	TGA	2	40

pORF_-_1461939

mORF_-_1462136	1462136	1462147	-	6	12	TTG	TAA	0	0
mORF_-_1462167	1462167	1462238	-	4	72	ATG	TAA	0	0
mORF_-_1462220	1462220	1462243	-	6	24	ATG	TAA	0	0
mORF_-_1462253	1462253	1462336	-	6	84	ATG	TAA	0	0
mORF_-_1462284	1462284	1462322	-	4	39	GTG	TAA	0	0
mORF_-_1462345	1462345	1462362	-	5	18	ATG	TGA	0	0
mORF_-_1462388	1462388	1462459	-	6	72	TTG	TAA	0	0
mORF_-_1462456	1462456	1462755	-	5	300	GTG	TGA	0	0
mORF_-_1462493	1462493	1462501	-	6	9	TTG	TAA	0	0
mORF_-_1462506	1462506	1462592	-	4	87	TTG	TGA	0	0
mORF_-_1462580	1462580	1462612	-	6	33	TTG	TAA	0	0
mORF_-_1462599	1462599	1462667	-	4	69	ATG	TAA	0	0
mORF_-_1462752	1462752	1462865	-	4	114	TTG	TGA	0	0
mORF_-_1462763	1462763	1462852	-	6	90	ATG	TAA	0	0
mORF_-_1462780	1462780	1462965	-	5	186	ATG	TAA	0	0
mORF_-_1462925	1462925	1463020	-	6	96	ATG	TGA	0	0
mORF_-_1463002	1463002	1463010	-	5	9	TTG	TAA	0	0
mORF_-_1463149	1463149	1463184	-	5	36	ATG	TAA	0	0
mORF_-_1463160	1463160	1463168	-	4	9	ATG	TAA	0	0
mORF_-_1463189	1463189	1463254	-	6	66	ATG	TAA	0	0
mORF_-_1463224	1463224	1463238	-	5	15	GTG	TAA	0	0
mORF_-_1463229	1463229	1463240	-	4	12	TTG	TAA	0	0
mORF_-_1463251	1463251	1463271	-	5	21	GTG	TGA	0	0
mORF_-_1463290	1463290	1463331	-	5	42	TTG	TAA	0	0
mORF_-_1463373	1463373	1463381	-	4	9	ATG	TAA	0	0
mORF_-_1463392	1463392	1463421	-	5	30	TTG	TAA	0	0
mORF_-_1463414	1463414	1463452	-	6	39	ATG	TAA	0	0
mORF_-_1463466	1463466	1463657	-	4	192	GTG	TGA	0	0
mORF_-_1463573	1463573	1463626	-	6	54	ATG	TAA	0	0
mORF_-_1463602	1463602	1463613	-	5	12	TTG	TAA	0	0
mORF_-_1463654	1463654	1463770	-	6	117	TTG	TGA	0	0
mORF_-_1463677	1463677	1463703	-	5	27	ATG	TAG	0	0
mORF_-_1463700	1463700	1463828	-	4	129	TTG	TGA	0	0
mORF_-_1463816	1463816	1463821	-	6	6	GTG	TAG	0	0
mORF_-_1463893	1463893	1465089	-	5	1197	ATG	TGA	0	0
mORF_-_1463904	1463904	1463999	-	4	96	GTG	TAA	0	0
mORF_-_1463927	1463927	1463962	-	6	36	TTG	TAG	0	0
mORF_-_1463966	1463966	1464034	-	6	69	TTG	TAA	0	0
mORF_-_1464051	1464051	1464149	-	4	99	TTG	TGA	0	0
mORF_-_1464204	1464204	1464443	-	4	240	TTG	TGA	0	0
mORF_-_1464365	1464365	1464388	-	6	24	TTG	TAA	0	0
mORF_-_1464498	1464498	1464743	-	4	246	TTG	TGA	0	0
mORF_-_1464512	1464512	1464529	-	6	18	TTG	TGA	0	0
mORF_-_1464659	1464659	1464682	-	6	24	TTG	TAA	0	0
mORF_-_1464792	1464792	1464947	-	4	156	GTG	TGA	0	0
mORF_-_1464806	1464806	1464823	-	6	18	TTG	TGA	0	0
mORF_-_1464948	1464948	1465505	-	4	558	TTG	TGA	0	0
mORF_-_1465175	1465175	1465192	-	6	18	TTG	TGA	0	0
mORF_-_1465247	1465247	1465252	-	6	6	TTG	TGA	0	0
mORF_-_1465319	1465319	1465354	-	6	36	TTG	TAA	0	0
mORF_-_1465424	1465424	1465492	-	6	69	ATG	TGA	0	0
mORF_-_1465581	1465581	1465730	-	4	150	GTG	TGA	0	0
mORF_-_1465760	1465760	1465801	-	6	42	TTG	TAA	0	0
mORF_-_1465880	1465880	1465960	-	6	81	ATG	TAG	0	0
mORF_-_1465885	1465885	1465920	-	5	36	ATG	TAG	0	0
mORF_-_1465917	1465917	1465970	-	4	54	GTG	TGA	0	0
mORF_-_1465945	1465945	1466850	-	5	906	GTG	TAG	0	0
mORF_-_1465971	1465971	1466072	-	4	102	TTG	TAA	0	0
mORF_-_1465979	1465979	1465984	-	6	6	TTG	TAA	0	0
mORF_-_1466030	1466030	1466044	-	6	15	ATG	TAG	0	0
mORF_-_1466088	1466088	1466126	-	4	39	GTG	TAA	0	0
mORF_-_1466154	1466154	1466255	-	4	102	ATG	TAG	0	0
mORF_-_1466234	1466234	1466248	-	6	15	ATG	TAA	0	0

mORF_-_1466255	1466255	1466269	-	6	15	GTG	TAA	0	0
mORF_-_1466262	1466262	1466438	-	4	177	GTG	TGA	0	0
mORF_-_1466456	1466456	1466467	-	6	12	ATG	TGA	0	0
mORF_-_1466484	1466484	1466777	-	4	294	GTG	TGA	0	0
mORF_-_1466606	1466606	1466638	-	6	33	ATG	TGA	0	0
mORF_-_1466741	1466741	1466818	-	6	78	ATG	TGA	0	0
mORF_-_1466808	1466808	1467218	-	4	411	GTG	TAA	0	0
mORF_-_1466843	1466843	1466893	-	6	51	ATG	TAG	0	0
mORF_-_1466942	1466942	1466974	-	6	33	TTG	TGA	0	0
mORF_-_1467050	1467050	1467070	-	6	21	TTG	TAG	0	0
mORF_-_1467083	1467083	1467112	-	6	30	TTG	TGA	0	0
mORF_-_1467158	1467158	1467169	-	6	12	TTG	TAG	0	0
mORF_-_1467170	1467170	1467184	-	6	15	TTG	TGA	0	0
mORF_-_1467280	1467280	1467360	-	5	81	ATG	TAA	0	0
mORF_-_1467327	1467327	1467521	-	4	195	ATG	TGA	0	0
mORF_-_1467335	1467335	1467343	-	6	9	TTG	TGA	0	0
mORF_-_1467347	1467347	1467394	-	6	48	ATG	TAA	0	0
mORF_-_1467449	1467449	1467478	-	6	30	TTG	TGA	0	0
mORF_-_1467497	1467497	1467562	-	6	66	GTG	TAG	0	0
mORF_-_1467502	1467502	1467555	-	5	54	GTG	TAA	0	0
mORF_-_1467552	1467552	1467611	-	4	60	ATG	TGA	0	0
mORF_-_1467623	1467623	1467658	-	6	36	GTG	TAG	0	0
mORF_-_1467690	1467690	1467722	-	4	33	TTG	TAA	0	0
mORF_-_1467707	1467707	1467886	-	6	180	TTG	TAG	0	0
mORF_-_1467751	1467751	1467762	-	5	12	TTG	TAA	0	0
mORF_-_1467766	1467766	1467822	-	5	57	TTG	TAA	0	0
mORF_-_1467835	1467835	1467858	-	5	24	TTG	TAA	0	0
mORF_-_1467922	1467922	1468038	-	5	117	GTG	TAG	0	0
mORF_-_1467981	1467981	1468016	-	4	36	ATG	TGA	0	0
mORF_-_1468010	1468010	1468147	-	6	138	GTG	TAA	0	0
mORF_-_1468072	1468072	1468080	-	5	9	ATG	TAG	0	0
mORF_-_1468099	1468099	1468119	-	5	21	ATG	TGA	0	0
mORF_-_1468116	1468116	1468127	-	4	12	GTG	TGA	0	0
mORF_-_1468149	1468149	1468178	-	4	30	TTG	TAA	0	0
mORF_-_1468197	1468197	1468304	-	4	108	GTG	TGA	0	0
mORF_-_1468238	1468238	1468255	-	6	18	ATG	TGA	0	0
mORF_-_1468246	1468246	1468284	-	5	39	ATG	TGA	0	0
mORF_-_1468310	1468310	1468369	-	6	60	TTG	TAA	0	0
mORF_-_1468332	1468332	1468367	-	4	36	GTG	TGA	0	0
mORF_-_1468375	1468375	1468428	-	5	54	ATG	TAG	0	0
mORF_-_1468394	1468394	1468477	-	6	84	GTG	TAG	0	0
mORF_-_1468449	1468449	1468487	-	4	39	TTG	TGA	0	0
mORF_-_1468484	1468484	1468522	-	6	39	ATG	TGA	0	0
mORF_-_1468536	1468536	1468541	-	4	6	GTG	TAG	0	0
mORF_-_1468551	1468551	1468796	-	4	246	ATG	TGA	0	0
mORF_-_1468574	1468574	1468645	-	6	72	GTG	TAA	0	0
mORF_-_1468621	1468621	1468626	-	5	6	TTG	TAA	0	0
mORF_-_1468660	1468660	1468728	-	5	69	ATG	TAA	0	0
mORF_-_1468736	1468736	1468768	-	6	33	ATG	TAA	0	0
mORF_-_1468787	1468787	1468828	-	6	42	TTG	TGA	0	0
mORF_-_1468804	1468804	1468815	-	5	12	TTG	TAA	0	0
mORF_-_1468812	1468812	1468883	-	4	72	ATG	TGA	0	0
mORF_-_1468889	1468889	1468903	-	6	15	TTG	TAG	0	0
mORF_-_1468900	1468900	1469361	-	5	462	TTG	TGA	0	0
mORF_-_1468914	1468914	1468997	-	4	84	ATG	TGA	0	0
mORF_-_1468925	1468925	1468930	-	6	6	GTG	TAA	0	0
mORF_-_1468937	1468937	1468954	-	6	18	TTG	TAG	0	0
mORF_-_1468961	1468961	1468969	-	6	9	TTG	TAG	0	0
mORF_-_1468982	1468982	1469065	-	6	84	TTG	TAG	0	0
mORF_-_1469121	1469121	1469135	-	4	15	TTG	TAG	0	0
mORF_-_1469159	1469159	1469203	-	6	45	TTG	TAA	0	0
mORF_-_1469226	1469226	1469276	-	4	51	TTG	TAA	0	0
mORF_-_1469273	1469273	1469320	-	6	48	TTG	TGA	0	0

mORF_-_1469298	1469298	1469312	-	4	15	GTG	TAA	0	0	
mORF_-_1469324	1469324	1469338	-	6	15	TTG	TAA	0	0	
mORF_-_1469328	1469328	1469396	-	4	69	GTG	TAG	0	0	
mORF_-_1469393	1469393	1469401	-	6	9	GTG	TGA	0	0	
mORF_-_1469426	1469426	1469431	-	6	6	GTG	TAA	0	0	
mORF_-_1469452	1469452	1469526	-	5	75	TTG	TAG	0	0	
mORF_-_1469523	1469523	1469774	-	4	252	TTG	TGA	0	0	
mORF_-_1469528	1469528	1469539	-	6	12	TTG	TAA	0	0	
mORF_-_1469581	1469581	1469688	-	5	108	TTG	TAA	0	0	
mORF_-_1469719	1469719	1469832	-	5	114	TTG	TAA	0	0	
mORF_-_1469829	1469829	1470020	-	4	192	TTG	TGA	0	0	
mORF_-_1469846	1469846	1469884	-	6	39	TTG	TAA	0	0	
mORF_-_1469959	1469959	1470075	-	5	117	GTG	TGA	0	0	
mORF_-_1470048	1470048	1470119	-	4	72	TTG	TGA	0	0	
mORF_-_1470116	1470116	1470151	-	6	36	GTG	TGA	0	0	
mORF_-_1470148	1470148	1470642	-	5	495	ATG	TGA	0	0	
mORF_-_1470180	1470180	1470221	-	4	42	TTG	TGA	0	0	
mORF_-_1470228	1470228	1470479	-	4	252	TTG	TGA	0	0	
mORF_-_1470464	1470464	1470493	-	6	30	ATG	TGA	0	0	
mORF_-_1470516	1470516	1470620	-	4	105	TTG	TGA	0	0	
mORF_-_1470651	1470651	1470737	-	4	87	TTG	TAG	0	0	
mORF_-_1470741	1470741	1470983	-	4	243	TTG	TAG	0	0	
mORF_-_1470908	1470908	1470916	-	6	9	TTG	TGA	0	0	
mORF_-_1470971	1470971	1471039	-	6	69	GTG	TGA	0	0	
mORF_-_1470990	1470990	1471028	-	4	39	ATG	TAG	0	0	
mORF_-_1471050	1471050	1471289	-	4	240	ATG	TAA	0	0	
mORF_-_1471229	1471229	1471297	-	6	69	ATG	TGA	0	0	
mORF_-_1471264	1471264	1471872	-	5	609	GTG	TAA	0	0	
mORF_-_1471400	1471400	1471522	-	6	123	ATG	TAA	0	0	
mORF_-_1471437	1471437	1471460	-	4	24	ATG	TGA	0	0	
mORF_-_1471491	1471491	1471538	-	4	48	TTG	TGA	1	3	pORF_-_1471491
mORF_-_1471625	1471625	1471660	-	6	36	GTG	TAA	0	0	
mORF_-_1471653	1471653	1471658	-	4	6	GTG	TGA	0	0	
mORF_-_1471674	1471674	1471742	-	4	69	ATG	TGA	0	0	
mORF_-_1471793	1471793	1471846	-	6	54	TTG	TAG	0	0	
mORF_-_1471890	1471890	1472024	-	4	135	TTG	TGA	0	0	
mORF_-_1471907	1471907	1471921	-	6	15	TTG	TGA	0	0	
mORF_-_1472021	1472021	1472065	-	6	45	TTG	TGA	0	0	
mORF_-_1472055	1472055	1472180	-	4	126	ATG	TAG	0	0	
mORF_-_1472089	1472089	1472148	-	5	60	TTG	TAA	0	0	
mORF_-_1472132	1472132	1472140	-	6	9	TTG	TGA	0	0	
mORF_-_1472167	1472167	1472172	-	5	6	GTG	TAA	0	0	
mORF_-_1472184	1472184	1472255	-	4	72	TTG	TAA	0	0	
mORF_-_1472215	1472215	1472571	-	5	357	GTG	TAA	0	0	
mORF_-_1472228	1472228	1472260	-	6	33	ATG	TAA	0	0	
mORF_-_1472261	1472261	1472275	-	6	15	TTG	TAA	0	0	
mORF_-_1472282	1472282	1472341	-	6	60	GTG	TAA	0	0	
mORF_-_1472295	1472295	1472396	-	4	102	TTG	TAA	0	0	
mORF_-_1472357	1472357	1472386	-	6	30	ATG	TAG	0	0	
mORF_-_1472418	1472418	1472438	-	4	21	TTG	TAA	0	0	
mORF_-_1472444	1472444	1472485	-	6	42	TTG	TAA	0	0	
mORF_-_1472466	1472466	1472492	-	4	27	GTG	TAA	0	0	
mORF_-_1472492	1472492	1472539	-	6	48	ATG	TAG	0	0	
mORF_-_1472578	1472578	1472901	-	5	324	TTG	TAG	0	0	
mORF_-_1472640	1472640	1472855	-	4	216	ATG	TGA	0	0	
mORF_-_1472735	1472735	1472827	-	6	93	TTG	TGA	0	0	
mORF_-_1472859	1472859	1473167	-	4	309	ATG	TAG	0	0	
mORF_-_1472888	1472888	1472983	-	6	96	GTG	TAA	0	0	
mORF_-_1472980	1472980	1473024	-	5	45	ATG	TGA	0	0	
mORF_-_1473025	1473025	1473057	-	5	33	ATG	TAA	0	0	
mORF_-_1473149	1473149	1473331	-	6	183	TTG	TAA	0	0	
mORF_-_1473214	1473214	1473279	-	5	66	ATG	TAA	0	0	
mORF_-_1473276	1473276	1473323	-	4	48	TTG	TGA	0	0	

mORF_-_1473328	1473328	1473369	-	5	42	ATG	TGA	0	0
mORF_-_1473360	1473360	1473386	-	4	27	ATG	TAA	0	0
mORF_-_1473396	1473396	1473428	-	4	33	TTG	TAA	0	0
mORF_-_1473425	1473425	1473475	-	6	51	GTG	TGA	0	0
mORF_-_1473487	1473487	1473495	-	5	9	ATG	TAG	0	0
mORF_-_1473499	1473499	1473546	-	5	48	GTG	TAA	0	0
mORF_-_1473553	1473553	1473573	-	5	21	TTG	TAA	0	0
mORF_-_1473586	1473586	1473597	-	5	12	ATG	TAA	0	0
mORF_-_1473594	1473594	1473725	-	4	132	ATG	TGA	0	0
mORF_-_1473599	1473599	1473742	-	6	144	TTG	TAA	0	0
mORF_-_1473652	1473652	1473690	-	5	39	TTG	TGA	0	0
mORF_-_1473739	1473739	1473774	-	5	36	ATG	TGA	0	0
mORF_-_1473776	1473776	1473841	-	6	66	ATG	TAA	0	0
mORF_-_1473860	1473860	1474099	-	6	240	TTG	TGA	0	0
mORF_-_1473889	1473889	1474005	-	5	117	TTG	TAG	0	0
mORF_-_1473906	1473906	1473923	-	4	18	TTG	TAA	0	0
mORF_-_1474029	1474029	1474127	-	4	99	TTG	TAG	0	0
mORF_-_1474133	1474133	1474303	-	6	171	ATG	TAA	0	0
mORF_-_1474313	1474313	1474345	-	6	33	ATG	TAA	0	0
mORF_-_1474329	1474329	1474406	-	4	78	TTG	TAA	0	0
mORF_-_1474385	1474385	1474411	-	6	27	GTG	TGA	0	0
mORF_-_1474408	1474408	1474449	-	5	42	TTG	TGA	0	0
mORF_-_1474412	1474412	1474417	-	6	6	TTG	TAG	0	0
mORF_-_1474418	1474418	1474477	-	6	60	TTG	TGA	0	0
mORF_-_1474459	1474459	1474464	-	5	6	TTG	TGA	0	0
mORF_-_1474467	1474467	1474526	-	4	60	TTG	TAA	0	0
mORF_-_1474474	1474474	1474605	-	5	132	ATG	TGA	0	0
mORF_-_1474502	1474502	1474537	-	6	36	TTG	TGA	0	0
mORF_-_1474551	1474551	1474559	-	4	9	TTG	TAA	0	0
mORF_-_1474617	1474617	1474694	-	4	78	GTG	TAA	0	0
mORF_-_1474633	1474633	1474725	-	5	93	GTG	TAA	0	0
mORF_-_1474691	1474691	1474732	-	6	42	TTG	TGA	0	0
mORF_-_1474707	1474707	1474712	-	4	6	TTG	TAA	0	0
mORF_-_1474716	1474716	1474805	-	4	90	TTG	TAA	0	0
mORF_-_1474729	1474729	1474854	-	5	126	ATG	TGA	0	0
mORF_-_1474766	1474766	1475041	-	6	276	TTG	TGA	0	0
mORF_-_1474812	1474812	1474820	-	4	9	ATG	TAA	0	0
mORF_-_1474845	1474845	1474898	-	4	54	GTG	TGA	0	0
mORF_-_1474891	1474891	1474977	-	5	87	ATG	TAA	0	0
mORF_-_1475011	1475011	1475193	-	5	183	GTG	TGA	0	0
mORF_-_1475019	1475019	1475027	-	4	9	TTG	TAA	0	0
mORF_-_1475117	1475117	1475479	-	6	363	GTG	TAA	0	0
mORF_-_1475139	1475139	1475246	-	4	108	GTG	TAA	0	0
mORF_-_1475209	1475209	1475214	-	5	6	ATG	TGA	0	0
mORF_-_1475218	1475218	1475232	-	5	15	GTG	TGA	0	0
mORF_-_1475233	1475233	1475250	-	5	18	GTG	TAA	0	0
mORF_-_1475394	1475394	1475444	-	4	51	TTG	TAA	0	0
mORF_-_1475413	1475413	1475481	-	5	69	TTG	TAA	0	0
mORF_-_1475497	1475497	1475622	-	5	126	TTG	TAG	0	0
mORF_-_1475505	1475505	1475522	-	4	18	ATG	TAA	0	0
mORF_-_1475519	1475519	1475635	-	6	117	TTG	TGA	0	0
mORF_-_1475595	1475595	1475615	-	4	21	ATG	TGA	0	0
mORF_-_1475684	1475684	1475797	-	6	114	TTG	TAA	0	0
mORF_-_1475731	1475731	1475883	-	5	153	TTG	TGA	0	0
mORF_-_1475736	1475736	1475750	-	4	15	GTG	TGA	0	0
mORF_-_1475766	1475766	1475795	-	4	30	GTG	TAA	0	0
mORF_-_1475813	1475813	1475890	-	6	78	TTG	TAG	0	0
mORF_-_1475847	1475847	1475894	-	4	48	GTG	TGA	0	0
mORF_-_1475928	1475928	1475987	-	4	60	GTG	TAA	0	0
mORF_-_1475947	1475947	1476015	-	5	69	ATG	TAG	0	0
mORF_-_1476051	1476051	1476185	-	4	135	TTG	TAA	0	0
mORF_-_1476067	1476067	1476135	-	5	69	ATG	TAA	0	0
mORF_-_1476136	1476136	1476177	-	5	42	ATG	TAA	0	0

mORF_-_1476182	1476182	1476298	-	6	117	TTG	TGA	0	0	
mORF_-_1476231	1476231	1476389	-	4	159	ATG	TAA	0	0	
mORF_-_1476353	1476353	1476358	-	6	6	ATG	TAA	0	0	
mORF_-_1476386	1476386	1476463	-	6	78	ATG	TGA	0	0	
mORF_-_1476409	1476409	1476495	-	5	87	ATG	TGA	0	0	
mORF_-_1476531	1476531	1476662	-	4	132	ATG	TAG	0	0	
mORF_-_1476575	1476575	1476799	-	6	225	GTG	TAA	0	0	
mORF_-_1476601	1476601	1476615	-	5	15	TTG	TAA	0	0	
mORF_-_1476619	1476619	1476702	-	5	84	ATG	TAA	0	0	
mORF_-_1476699	1476699	1477103	-	4	405	GTG	TGA	0	0	
mORF_-_1476848	1476848	1476865	-	6	18	ATG	TGA	0	0	
mORF_-_1476896	1476896	1476910	-	6	15	GTG	TGA	0	0	
mORF_-_1476914	1476914	1476955	-	6	42	ATG	TAA	0	0	
mORF_-_1477034	1477034	1477093	-	6	60	ATG	TAA	0	0	
mORF_-_1477051	1477051	1477065	-	5	15	ATG	TAG	0	0	
mORF_-_1477124	1477124	1477174	-	6	51	GTG	TAA	0	0	
mORF_-_1477140	1477140	1477202	-	4	63	GTG	TAA	0	0	
mORF_-_1477171	1477171	1477233	-	5	63	GTG	TGA	0	0	
mORF_-_1477224	1477224	1477268	-	4	45	ATG	TAA	0	0	
mORF_-_1477265	1477265	1477555	-	6	291	TTG	TGA	1	3	pORF_-_1477265
mORF_-_1477273	1477273	1477296	-	5	24	ATG	TAA	0	0	
mORF_-_1477306	1477306	1477374	-	5	69	ATG	TAG	0	0	
mORF_-_1477398	1477398	1477529	-	4	132	GTG	TAA	0	0	
mORF_-_1477420	1477420	1477539	-	5	120	ATG	TGA	0	0	
mORF_-_1477592	1477592	1477615	-	6	24	GTG	TAA	0	0	
mORF_-_1477630	1477630	1477830	-	5	201	TTG	TAA	0	0	
mORF_-_1477683	1477683	1477739	-	4	57	GTG	TAG	0	0	
mORF_-_1477736	1477736	1477741	-	6	6	GTG	TGA	0	0	
mORF_-_1477773	1477773	1477826	-	4	54	GTG	TAG	0	0	
mORF_-_1477814	1477814	1477975	-	6	162	ATG	TAA	0	0	
mORF_-_1477840	1477840	1477869	-	5	30	TTG	TGA	0	0	
mORF_-_1477894	1477894	1477989	-	5	96	TTG	TAA	0	0	
mORF_-_1477938	1477938	1478018	-	4	81	TTG	TGA	0	0	
mORF_-_1478005	1478005	1478043	-	5	39	ATG	TAA	0	0	
mORF_-_1478012	1478012	1478104	-	6	93	ATG	TAG	0	0	
mORF_-_1478037	1478037	1478195	-	4	159	GTG	TGA	0	0	
mORF_-_1478119	1478119	1478181	-	5	63	ATG	TAA	0	0	
mORF_-_1478132	1478132	1478260	-	6	129	ATG	TAA	0	0	
mORF_-_1478206	1478206	1478247	-	5	42	TTG	TGA	0	0	
mORF_-_1478238	1478238	1478279	-	4	42	TTG	TGA	0	0	
mORF_-_1478269	1478269	1478331	-	5	63	ATG	TAA	0	0	
mORF_-_1478283	1478283	1478402	-	4	120	ATG	TAG	0	0	
mORF_-_1478332	1478332	1478370	-	5	39	GTG	TAA	0	0	
mORF_-_1478345	1478345	1478500	-	6	156	GTG	TAA	0	0	
mORF_-_1478380	1478380	1478415	-	5	36	ATG	TAA	0	0	
mORF_-_1478488	1478488	1478523	-	5	36	TTG	TAA	0	0	
mORF_-_1478520	1478520	1478711	-	4	192	ATG	TGA	0	0	
mORF_-_1478603	1478603	1478668	-	6	66	GTG	TAG	0	0	
mORF_-_1478665	1478665	1478739	-	5	75	TTG	TGA	0	0	
mORF_-_1478708	1478708	1478860	-	6	153	GTG	TGA	0	0	
mORF_-_1478712	1478712	1478717	-	4	6	GTG	TAG	0	0	
mORF_-_1478761	1478761	1478811	-	5	51	TTG	TAA	0	0	
mORF_-_1478769	1478769	1478858	-	4	90	GTG	TGA	0	0	
mORF_-_1478824	1478824	1478985	-	5	162	GTG	TGA	0	0	
mORF_-_1478936	1478936	1478941	-	6	6	TTG	TAG	0	0	
mORF_-_1478954	1478954	1479034	-	6	81	ATG	TAA	0	0	
mORF_-_1479001	1479001	1479009	-	5	9	GTG	TGA	0	0	
mORF_-_1479090	1479090	1479155	-	4	66	ATG	TAG	0	0	
mORF_-_1479100	1479100	1479150	-	5	51	GTG	TAA	0	0	
mORF_-_1479119	1479119	1479178	-	6	60	GTG	TAA	0	0	
mORF_-_1479183	1479183	1479194	-	4	12	TTG	TAA	0	0	
mORF_-_1479278	1479278	1479334	-	6	57	ATG	TAG	0	0	
mORF_-_1479350	1479350	1479376	-	6	27	ATG	TAG	0	0	

mORF_-_1479370	1479370	1479429	-	5	60	ATG	TGA	0	0	
mORF_-_1479416	1479416	1479550	-	6	135	TTG	TAA	0	0	
mORF_-_1479454	1479454	1479474	-	5	21	GTG	TGA	0	0	
mORF_-_1479547	1479547	1479561	-	5	15	TTG	TGA	0	0	
mORF_-_1479558	1479558	1479569	-	4	12	GTG	TGA	0	0	
mORF_-_1479574	1479574	1479600	-	5	27	ATG	TAG	0	0	
mORF_-_1479628	1479628	1479678	-	5	51	ATG	TGA	0	0	
mORF_-_1479675	1479675	1479767	-	4	93	ATG	TGA	0	0	
mORF_-_1479754	1479754	1479834	-	5	81	TTG	TAA	0	0	
mORF_-_1479795	1479795	1479884	-	4	90	GTG	TAG	0	0	
mORF_-_1479850	1479850	1479933	-	5	84	GTG	TAA	0	0	
mORF_-_1479854	1479854	1479874	-	6	21	ATG	TAA	0	0	
mORF_-_1479903	1479903	1480100	-	4	198	ATG	TGA	0	0	
mORF_-_1480025	1480025	1480057	-	6	33	ATG	TAA	0	0	
mORF_-_1480106	1480106	1480192	-	6	87	GTG	TAA	0	0	
mORF_-_1480147	1480147	1480266	-	5	120	TTG	TAG	0	0	
mORF_-_1480208	1480208	1480261	-	6	54	GTG	TAA	0	0	
mORF_-_1480263	1480263	1480373	-	4	111	TTG	TGA	0	0	
mORF_-_1480279	1480279	1480884	-	5	606	ATG	TAA	18	113	pORF_-_1480279
mORF_-_1480377	1480377	1480382	-	4	6	ATG	TGA	0	0	
mORF_-_1480425	1480425	1480445	-	4	21	ATG	TGA	0	0	
mORF_-_1480494	1480494	1480559	-	4	66	TTG	TAA	0	0	
mORF_-_1480569	1480569	1480610	-	4	42	TTG	TGA	0	0	
mORF_-_1480632	1480632	1480643	-	4	12	TTG	TGA	0	0	
mORF_-_1480644	1480644	1480652	-	4	9	ATG	TGA	0	0	
mORF_-_1480686	1480686	1480811	-	4	126	TTG	TGA	0	0	
mORF_-_1480778	1480778	1480801	-	6	24	ATG	TGA	0	0	
mORF_-_1480862	1480862	1481008	-	6	147	ATG	TAA	0	0	
mORF_-_1480938	1480938	1481042	-	4	105	ATG	TAA	0	0	
mORF_-_1480942	1480942	1480956	-	5	15	GTG	TGA	0	0	
mORF_-_1481054	1481054	1481221	-	6	168	ATG	TAA	0	0	
mORF_-_1481067	1481067	1481213	-	4	147	TTG	TAG	0	0	
mORF_-_1481194	1481194	1481286	-	5	93	GTG	TAA	0	0	
mORF_-_1481300	1481300	1481311	-	6	12	TTG	TAA	0	0	
mORF_-_1481313	1481313	1481363	-	4	51	GTG	TAA	0	0	
mORF_-_1481324	1481324	1481341	-	6	18	ATG	TGA	0	0	
mORF_-_1481408	1481408	1481545	-	6	138	ATG	TGA	0	0	
mORF_-_1481412	1481412	1481684	-	4	273	GTG	TAA	0	0	
mORF_-_1481446	1481446	1481490	-	5	45	TTG	TAA	0	0	
mORF_-_1481549	1481549	1481554	-	6	6	TTG	TAA	0	0	
mORF_-_1481570	1481570	1481668	-	6	99	ATG	TGA	0	0	
mORF_-_1481717	1481717	1481767	-	6	51	GTG	TAG	0	0	
mORF_-_1481751	1481751	1481954	-	4	204	ATG	TAG	0	0	
mORF_-_1481861	1481861	1481893	-	6	33	GTG	TAG	0	0	
mORF_-_1481942	1481942	1482019	-	6	78	TTG	TGA	0	0	
mORF_-_1482027	1482027	1482953	-	4	927	GTG	TAA	0	0	
mORF_-_1482053	1482053	1482130	-	6	78	TTG	TAA	0	0	
mORF_-_1482209	1482209	1482265	-	6	57	TTG	TAG	0	0	
mORF_-_1482317	1482317	1482514	-	6	198	GTG	TAG	0	0	
mORF_-_1482391	1482391	1482453	-	5	63	GTG	TAA	0	0	
mORF_-_1482508	1482508	1482585	-	5	78	GTG	TGA	0	0	
mORF_-_1482533	1482533	1482664	-	6	132	ATG	TAG	0	0	
mORF_-_1482646	1482646	1482705	-	5	60	ATG	TGA	0	0	
mORF_-_1482665	1482665	1482736	-	6	72	TTG	TGA	0	0	
mORF_-_1482773	1482773	1482808	-	6	36	TTG	TAA	0	0	
mORF_-_1482836	1482836	1482844	-	6	9	TTG	TAA	0	0	
mORF_-_1482875	1482875	1482880	-	6	6	GTG	TAG	0	0	
mORF_-_1482890	1482890	1482913	-	6	24	ATG	TGA	0	0	
mORF_-_1482919	1482919	1483026	-	5	108	GTG	TAA	0	0	
mORF_-_1482950	1482950	1483132	-	6	183	ATG	TGA	0	0	
mORF_-_1482972	1482972	1483010	-	4	39	TTG	TAA	0	0	
mORF_-_1483062	1483062	1483208	-	4	147	GTG	TAA	0	0	
mORF_-_1483172	1483172	1483192	-	6	21	GTG	TGA	0	0	

mORF_-_1483183	1483183	1483239	-	5	57	TTG	TAA	0	0
mORF_-_1483193	1483193	1483252	-	6	60	GTG	TAG	0	0
mORF_-_1483256	1483256	1483291	-	6	36	TTG	TAA	0	0
mORF_-_1483314	1483314	1483373	-	4	60	GTG	TAA	0	0
mORF_-_1483330	1483330	1483434	-	5	105	GTG	TAA	0	0
mORF_-_1483370	1483370	1483429	-	6	60	TTG	TGA	0	0
mORF_-_1483398	1483398	1483427	-	4	30	GTG	TAG	0	0
mORF_-_1483431	1483431	1483715	-	4	285	ATG	TGA	0	0
mORF_-_1483478	1483478	1483618	-	6	141	TTG	TAG	0	0
mORF_-_1483643	1483643	1483657	-	6	15	TTG	TGA	0	0
mORF_-_1483804	1483804	1483851	-	5	48	TTG	TAA	0	0
mORF_-_1483853	1483853	1483882	-	6	30	TTG	TAG	0	0
mORF_-_1483923	1483923	1483988	-	4	66	GTG	TAA	0	0
mORF_-_1483985	1483985	1484080	-	6	96	TTG	TGA	0	0
mORF_-_1484049	1484049	1484054	-	4	6	TTG	TAG	0	0
mORF_-_1484133	1484133	1484270	-	4	138	TTG	TAA	0	0
mORF_-_1484168	1484168	1484188	-	6	21	TTG	TAG	0	0
mORF_-_1484189	1484189	1484833	-	6	645	TTG	TAG	0	0
mORF_-_1484242	1484242	1484328	-	5	87	TTG	TGA	0	0
mORF_-_1484337	1484337	1484342	-	4	6	ATG	TAA	0	0
mORF_-_1484349	1484349	1484921	-	4	573	TTG	TAA	0	0
mORF_-_1484692	1484692	1484766	-	5	75	GTG	TGA	0	0
mORF_-_1484827	1484827	1484847	-	5	21	GTG	TGA	0	0
mORF_-_1484943	1484943	1485095	-	4	153	TTG	TGA	0	0
mORF_-_1484977	1484977	1485027	-	5	51	ATG	TAA	0	0
mORF_-_1485082	1485082	1485108	-	5	27	TTG	TGA	0	0
mORF_-_1485125	1485125	1485133	-	6	9	ATG	TAG	0	0
mORF_-_1485150	1485150	1485179	-	4	30	ATG	TGA	0	0
mORF_-_1485194	1485194	1485214	-	6	21	GTG	TGA	0	0
mORF_-_1485217	1485217	1485225	-	5	9	GTG	TAA	0	0
mORF_-_1485222	1485222	1485308	-	4	87	ATG	TGA	0	0
mORF_-_1485235	1485235	1485444	-	5	210	TTG	TAA	0	0
mORF_-_1485266	1485266	1485295	-	6	30	TTG	TAA	0	0
mORF_-_1485363	1485363	1485392	-	4	30	TTG	TGA	0	0
mORF_-_1485407	1485407	1485421	-	6	15	ATG	TAG	0	0
mORF_-_1485451	1485451	1485600	-	5	150	ATG	TAA	0	0
mORF_-_1485458	1485458	1485508	-	6	51	GTG	TAA	0	0
mORF_-_1485474	1485474	1485503	-	4	30	ATG	TGA	0	0
mORF_-_1485519	1485519	1485560	-	4	42	ATG	TAG	0	0
mORF_-_1485527	1485527	1485649	-	6	123	GTG	TAG	0	0
mORF_-_1485579	1485579	1485659	-	4	81	ATG	TGA	0	0
mORF_-_1485664	1485664	1485693	-	5	30	ATG	TAG	0	0
mORF_-_1485698	1485698	1485781	-	6	84	GTG	TAG	0	0
mORF_-_1485708	1485708	1485767	-	4	60	TTG	TGA	0	0
mORF_-_1485845	1485845	1485889	-	6	45	GTG	TAA	0	0
mORF_-_1485853	1485853	1485858	-	5	6	TTG	TAA	0	0
mORF_-_1485879	1485879	1485896	-	4	18	GTG	TAA	0	0
mORF_-_1485913	1485913	1486014	-	5	102	ATG	TAA	0	0
mORF_-_1485963	1485963	1486028	-	4	66	ATG	TGA	0	0
mORF_-_1485986	1485986	1485997	-	6	12	ATG	TGA	0	0
mORF_-_1486025	1486025	1486099	-	6	75	ATG	TGA	0	0
mORF_-_1486051	1486051	1486161	-	5	111	GTG	TAA	0	0
mORF_-_1486056	1486056	1486091	-	4	36	TTG	TAA	0	0
mORF_-_1486112	1486112	1486231	-	6	120	TTG	TAA	0	0
mORF_-_1486134	1486134	1486139	-	4	6	GTG	TAA	0	0
mORF_-_1486203	1486203	1486244	-	4	42	GTG	TAA	0	0
mORF_-_1486219	1486219	1486257	-	5	39	ATG	TGA	0	0
mORF_-_1486259	1486259	1486897	-	6	639	TTG	TGA	0	0
mORF_-_1486270	1486270	1486368	-	5	99	ATG	TGA	0	0
mORF_-_1486302	1486302	1486322	-	4	21	ATG	TAA	0	0
mORF_-_1486356	1486356	1486424	-	4	69	GTG	TGA	0	0
mORF_-_1486378	1486378	1486542	-	5	165	TTG	TGA	0	0
mORF_-_1486575	1486575	1486613	-	4	39	GTG	TAA	0	0

mORF_-_1486594	1486594	1486599	-	5	6	ATG	TAA	0	0	
mORF_-_1486636	1486636	1487091	-	5	456	ATG	TGA	1	2	pORF_-_1486636
mORF_-_1486794	1486794	1486817	-	4	24	ATG	TAA	0	0	
mORF_-_1486860	1486860	1486925	-	4	66	TTG	TAA	0	0	
mORF_-_1486989	1486989	1487024	-	4	36	GTG	TGA	0	0	
mORF_-_1487064	1487064	1487084	-	4	21	GTG	TGA	0	0	
mORF_-_1487081	1487081	1487398	-	6	318	ATG	TGA	0	0	
mORF_-_1487128	1487128	1487145	-	5	18	ATG	TAA	0	0	
mORF_-_1487152	1487152	1487163	-	5	12	TTG	TGA	0	0	
mORF_-_1487191	1487191	1487322	-	5	132	TTG	TGA	0	0	
mORF_-_1487241	1487241	1487360	-	4	120	ATG	TAA	0	0	
mORF_-_1487347	1487347	1487442	-	5	96	GTG	TAA	0	0	
mORF_-_1487391	1487391	1487435	-	4	45	ATG	TAA	0	0	
mORF_-_1487454	1487454	1487462	-	4	9	TTG	TAG	0	0	
mORF_-_1487466	1487466	1487498	-	4	33	TTG	TAG	0	0	
mORF_-_1487495	1487495	1487656	-	6	162	ATG	TGA	0	0	
mORF_-_1487500	1487500	1487535	-	5	36	ATG	TAG	0	0	
mORF_-_1487560	1487560	1487568	-	5	9	TTG	TAA	0	0	
mORF_-_1487586	1487586	1487789	-	4	204	ATG	TAG	0	0	
mORF_-_1487737	1487737	1487988	-	5	252	GTG	TGA	0	0	
mORF_-_1487817	1487817	1487891	-	4	75	TTG	TGA	0	0	
mORF_-_1487907	1487907	1487930	-	4	24	TTG	TAG	0	0	
mORF_-_1487985	1487985	1488389	-	4	405	GTG	TGA	1	0	pORF_-_1487985
mORF_-_1488032	1488032	1488052	-	6	21	ATG	TGA	0	0	
mORF_-_1488083	1488083	1488208	-	6	126	ATG	TGA	0	0	
mORF_-_1488233	1488233	1488337	-	6	105	ATG	TAG	0	0	
mORF_-_1488280	1488280	1488291	-	5	12	ATG	TAA	0	0	
mORF_-_1488359	1488359	1488367	-	6	9	GTG	TGA	0	0	
mORF_-_1488383	1488383	1488598	-	6	216	ATG	TGA	0	0	
mORF_-_1488406	1488406	1488486	-	5	81	GTG	TGA	0	0	
mORF_-_1488602	1488602	1488652	-	6	51	TTG	TGA	0	0	
mORF_-_1488621	1488621	1488737	-	4	117	ATG	TAA	2	0	pORF_-_1488621
mORF_-_1488656	1488656	1488727	-	6	72	TTG	TAG	0	0	
mORF_-_1488734	1488734	1488859	-	6	126	TTG	TGA	0	0	
mORF_-_1488750	1488750	1488812	-	4	63	TTG	TGA	0	0	
mORF_-_1488787	1488787	1488825	-	5	39	GTG	TAA	0	0	
mORF_-_1488904	1488904	1488960	-	5	57	ATG	TAA	0	0	
mORF_-_1488924	1488924	1488944	-	4	21	TTG	TAA	0	0	
mORF_-_1488947	1488947	1488964	-	6	18	GTG	TAA	0	0	
mORF_-_1488961	1488961	1489053	-	5	93	ATG	TGA	0	0	
mORF_-_1488977	1488977	1489060	-	6	84	ATG	TAA	0	0	
mORF_-_1488984	1488984	1489043	-	4	60	GTG	TAA	0	0	
mORF_-_1489047	1489047	1489127	-	4	81	TTG	TGA	0	0	
mORF_-_1489057	1489057	1489074	-	5	18	ATG	TGA	0	0	
mORF_-_1489109	1489109	1489186	-	6	78	ATG	TAA	0	0	
mORF_-_1489143	1489143	1489151	-	4	9	TTG	TAG	0	0	
mORF_-_1489195	1489195	1489254	-	5	60	TTG	TAA	0	0	
mORF_-_1489285	1489285	1489368	-	5	84	ATG	TAA	0	0	
mORF_-_1489322	1489322	1489402	-	6	81	GTG	TAA	0	0	
mORF_-_1489365	1489365	1489424	-	4	60	GTG	TGA	0	0	
mORF_-_1489402	1489402	1489434	-	5	33	ATG	TAG	0	0	
mORF_-_1489427	1489427	1489588	-	6	162	ATG	TAG	0	0	
mORF_-_1489482	1489482	1489607	-	4	126	TTG	TAG	0	0	
mORF_-_1489519	1489519	1489524	-	5	6	ATG	TAG	0	0	
mORF_-_1489604	1489604	1489612	-	6	9	GTG	TGA	0	0	
mORF_-_1489609	1489609	1489716	-	5	108	GTG	TGA	0	0	
mORF_-_1489662	1489662	1489691	-	4	30	ATG	TGA	0	0	
mORF_-_1489726	1489726	1489800	-	5	75	GTG	TAA	0	0	
mORF_-_1489748	1489748	1489867	-	6	120	GTG	TAA	0	0	
mORF_-_1489797	1489797	1489916	-	4	120	TTG	TGA	0	0	
mORF_-_1489843	1489843	1489863	-	5	21	ATG	TAA	0	0	
mORF_-_1489867	1489867	1489893	-	5	27	ATG	TAG	0	0	
mORF_-_1489909	1489909	1489989	-	5	81	GTG	TAG	0	0	

mORF_-_1489946	1489946	1490095	-	6	150	ATG	TAA	0	0	
mORF_-_1489986	1489986	1490153	-	4	168	ATG	TGA	0	0	
mORF_-_1490150	1490150	1490239	-	6	90	GTG	TGA	0	0	
mORF_-_1490232	1490232	1490249	-	4	18	ATG	TGA	0	0	
mORF_-_1490251	1490251	1490283	-	5	33	GTG	TAG	0	0	
mORF_-_1490280	1490280	1490345	-	4	66	ATG	TGA	0	0	
mORF_-_1490285	1490285	1490323	-	6	39	ATG	TGA	0	0	
mORF_-_1490338	1490338	1490361	-	5	24	ATG	TAA	0	0	
mORF_-_1490358	1490358	1490444	-	4	87	TTG	TGA	0	0	
mORF_-_1490372	1490372	1490428	-	6	57	ATG	TAA	0	0	
mORF_-_1490380	1490380	1490412	-	5	33	TTG	TAG	0	0	
mORF_-_1490462	1490462	1490512	-	6	51	GTG	TGA	0	0	
mORF_-_1490518	1490518	1490535	-	5	18	GTG	TAA	0	0	
mORF_-_1490532	1490532	1490564	-	4	33	ATG	TGA	0	0	
mORF_-_1490537	1490537	1490593	-	6	57	ATG	TGA	0	0	
mORF_-_1490640	1490640	1490720	-	4	81	TTG	TGA	0	0	
mORF_-_1490707	1490707	1490817	-	5	111	TTG	TGA	0	0	
mORF_-_1490717	1490717	1490767	-	6	51	TTG	TGA	0	0	
mORF_-_1490801	1490801	1490854	-	6	54	GTG	TAA	0	0	
mORF_-_1490832	1490832	1490876	-	4	45	GTG	TGA	0	0	
mORF_-_1490881	1490881	1491075	-	5	195	ATG	TAA	0	0	
mORF_-_1490901	1490901	1490966	-	4	66	TTG	TAA	0	0	
mORF_-_1491003	1491003	1491053	-	4	51	TTG	TAA	0	0	
mORF_-_1491075	1491075	1491173	-	4	99	ATG	TGA	0	0	
mORF_-_1491131	1491131	1491148	-	6	18	ATG	TGA	0	0	
mORF_-_1491157	1491157	1491198	-	5	42	TTG	TAG	0	0	
mORF_-_1491170	1491170	1491394	-	6	225	ATG	TGA	0	0	
mORF_-_1491271	1491271	1491282	-	5	12	ATG	TAA	0	0	
mORF_-_1491283	1491283	1491300	-	5	18	ATG	TAA	0	0	
mORF_-_1491348	1491348	1491455	-	4	108	GTG	TAA	0	0	
mORF_-_1491391	1491391	1491693	-	5	303	TTG	TGA	0	0	
mORF_-_1491489	1491489	1491623	-	4	135	TTG	TGA	0	0	
mORF_-_1491620	1491620	1491739	-	6	120	TTG	TGA	0	0	
mORF_-_1491750	1491750	1492073	-	4	324	TTG	TGA	0	0	
mORF_-_1491791	1491791	1491826	-	6	36	TTG	TGA	0	0	
mORF_-_1491796	1491796	1491972	-	5	177	TTG	TAA	0	0	
mORF_-_1491872	1491872	1491877	-	6	6	GTG	TGA	0	0	
mORF_-_1491935	1491935	1492036	-	6	102	GTG	TAA	0	0	
mORF_-_1492039	1492039	1492077	-	5	39	ATG	TAA	0	0	
mORF_-_1492124	1492124	1492168	-	6	45	GTG	TAG	0	0	
mORF_-_1492172	1492172	1493236	-	6	1065	GTG	TGA	7	21	pORF_-_1492172
mORF_-_1492200	1492200	1492349	-	4	150	GTG	TAA	0	0	
mORF_-_1492207	1492207	1492236	-	5	30	ATG	TGA	0	0	
mORF_-_1492246	1492246	1492308	-	5	63	ATG	TGA	0	0	
mORF_-_1492324	1492324	1492365	-	5	42	TTG	TAA	0	0	
mORF_-_1492362	1492362	1492409	-	4	48	TTG	TGA	0	0	
mORF_-_1492422	1492422	1492499	-	4	78	ATG	TAA	0	0	
mORF_-_1492441	1492441	1492488	-	5	48	TTG	TAG	0	0	
mORF_-_1492519	1492519	1492557	-	5	39	TTG	TAA	0	0	
mORF_-_1492564	1492564	1492575	-	5	12	TTG	TGA	0	0	
mORF_-_1492606	1492606	1492632	-	5	27	TTG	TGA	0	0	
mORF_-_1492684	1492684	1492695	-	5	12	TTG	TGA	0	0	
mORF_-_1492735	1492735	1492866	-	5	132	ATG	TAG	0	0	
mORF_-_1492870	1492870	1492923	-	5	54	TTG	TAA	0	0	
mORF_-_1492939	1492939	1492956	-	5	18	ATG	TGA	0	0	
mORF_-_1493104	1493104	1493178	-	5	75	TTG	TAA	0	0	
mORF_-_1493179	1493179	1493187	-	5	9	TTG	TAA	0	0	
mORF_-_1493193	1493193	1493258	-	4	66	TTG	TAA	0	0	
mORF_-_1493271	1493271	1493297	-	4	27	GTG	TAA	0	0	
mORF_-_1493275	1493275	1493280	-	5	6	GTG	TAG	0	0	
mORF_-_1493287	1493287	1493451	-	5	165	TTG	TAA	0	0	
mORF_-_1493325	1493325	1493540	-	4	216	GTG	TGA	0	0	
mORF_-_1493366	1493366	1493632	-	6	267	ATG	TGA	0	0	

mORF_-_1493512	1493512	1493574	-	5	63	ATG	TGA	0	0
mORF_-_1493574	1493574	1493642	-	4	69	ATG	TAA	0	0
mORF_-_1493599	1493599	1493652	-	5	54	ATG	TAA	0	0
mORF_-_1493699	1493699	1493794	-	6	96	TTG	TAA	0	0
mORF_-_1493761	1493761	1493778	-	5	18	GTG	TGA	0	0
mORF_-_1493775	1493775	1493783	-	4	9	GTG	TGA	0	0
mORF_-_1493798	1493798	1493884	-	6	87	GTG	TAA	0	0
mORF_-_1493826	1493826	1493921	-	4	96	ATG	TAA	0	0
mORF_-_1493888	1493888	1493983	-	6	96	GTG	TGA	0	0
mORF_-_1493911	1493911	1494273	-	5	363	GTG	TAG	0	0
mORF_-_1493976	1493976	1493993	-	4	18	GTG	TGA	0	0
mORF_-_1494095	1494095	1494163	-	6	69	ATG	TAG	0	0
mORF_-_1494111	1494111	1494203	-	4	93	ATG	TAA	0	0
mORF_-_1494203	1494203	1494286	-	6	84	ATG	TAA	0	0
mORF_-_1494270	1494270	1494419	-	4	150	GTG	TGA	0	0
mORF_-_1494274	1494274	1494306	-	5	33	GTG	TGA	0	0
mORF_-_1494326	1494326	1494403	-	6	78	ATG	TAA	0	0
mORF_-_1494400	1494400	1494462	-	5	63	GTG	TGA	0	0
mORF_-_1494425	1494425	1494454	-	6	30	TTG	TAA	0	0
mORF_-_1494483	1494483	1494563	-	4	81	ATG	TAA	0	0
mORF_-_1494506	1494506	1494541	-	6	36	GTG	TGA	0	0
mORF_-_1494652	1494652	1494747	-	5	96	ATG	TAA	0	0
mORF_-_1494693	1494693	1494713	-	4	21	ATG	TAA	0	0
mORF_-_1494710	1494710	1494724	-	6	15	ATG	TGA	0	0
mORF_-_1494754	1494754	1494849	-	5	96	ATG	TGA	0	0
mORF_-_1494788	1494788	1494871	-	6	84	GTG	TAG	0	0
mORF_-_1494801	1494801	1494944	-	4	144	ATG	TGA	0	0
mORF_-_1494850	1494850	1494858	-	5	9	GTG	TGA	0	0
mORF_-_1494899	1494899	1494910	-	6	12	TTG	TAA	0	0
mORF_-_1494907	1494907	1495002	-	5	96	TTG	TGA	0	0
mORF_-_1494914	1494914	1495255	-	6	342	GTG	TAG	0	0
mORF_-_1494960	1494960	1495094	-	4	135	GTG	TGA	0	0
mORF_-_1495033	1495033	1495044	-	5	12	GTG	TGA	0	0
mORF_-_1495048	1495048	1495056	-	5	9	TTG	TAA	0	0
mORF_-_1495084	1495084	1495326	-	5	243	TTG	TAA	0	0
mORF_-_1495272	1495272	1495301	-	4	30	TTG	TGA	0	0
mORF_-_1495292	1495292	1495321	-	6	30	TTG	TGA	0	0
mORF_-_1495327	1495327	1495338	-	5	12	TTG	TAA	0	0
mORF_-_1495370	1495370	1495447	-	6	78	ATG	TAA	0	0
mORF_-_1495405	1495405	1495845	-	5	441	TTG	TGA	0	0
mORF_-_1495449	1495449	1495487	-	4	39	GTG	TGA	0	0
mORF_-_1495488	1495488	1495493	-	4	6	GTG	TAA	0	0
mORF_-_1495520	1495520	1495558	-	6	39	TTG	TAA	0	0
mORF_-_1495572	1495572	1495598	-	4	27	ATG	TAA	0	0
mORF_-_1495608	1495608	1495619	-	4	12	GTG	TAG	0	0
mORF_-_1495662	1495662	1495700	-	4	39	ATG	TGA	0	0
mORF_-_1495733	1495733	1495759	-	6	27	TTG	TAG	0	0
mORF_-_1495773	1495773	1495859	-	4	87	TTG	TGA	0	0
mORF_-_1495863	1495863	1495877	-	4	15	TTG	TAA	0	0
mORF_-_1495894	1495894	1496142	-	5	249	ATG	TAA	0	0
mORF_-_1495926	1495926	1496048	-	4	123	ATG	TGA	0	0
mORF_-_1495934	1495934	1496149	-	6	216	ATG	TAA	0	0
mORF_-_1496139	1496139	1496180	-	4	42	ATG	TGA	0	0
mORF_-_1496149	1496149	1496334	-	5	186	TTG	TAA	0	0
mORF_-_1496159	1496159	1496287	-	6	129	TTG	TAA	0	0
mORF_-_1496217	1496217	1496294	-	4	78	ATG	TAG	0	0
mORF_-_1496346	1496346	1496360	-	4	15	ATG	TAG	0	0
mORF_-_1496376	1496376	1496408	-	4	33	GTG	TGA	0	0
mORF_-_1496434	1496434	1496598	-	5	165	ATG	TAG	0	0
mORF_-_1496456	1496456	1496659	-	6	204	GTG	TGA	0	0
mORF_-_1496659	1496659	1496754	-	5	96	TTG	TAG	0	0
mORF_-_1496696	1496696	1496836	-	6	141	TTG	TAA	0	0
mORF_-_1496764	1496764	1496943	-	5	180	ATG	TGA	0	0

mORF_-_1496906	1496906	1496992	-	6	87	GTG	TAG	0	0	
mORF_-_1496998	1496998	1497021	-	5	24	GTG	TAA	0	0	
mORF_-_1497018	1497018	1497026	-	4	9	TTG	TGA	0	0	
mORF_-_1497076	1497076	1497381	-	5	306	TTG	TAG	0	0	
mORF_-_1497096	1497096	1497113	-	4	18	GTG	TGA	0	0	
mORF_-_1497156	1497156	1497182	-	4	27	TTG	TAG	0	0	
mORF_-_1497212	1497212	1497229	-	6	18	GTG	TAA	0	0	
mORF_-_1497273	1497273	1497290	-	4	18	ATG	TGA	0	0	
mORF_-_1497287	1497287	1497310	-	6	24	ATG	TGA	0	0	
mORF_-_1497321	1497321	1497404	-	4	84	TTG	TAA	0	0	
mORF_-_1497456	1497456	1497590	-	4	135	TTG	TAG	0	0	
mORF_-_1497485	1497485	1497496	-	6	12	GTG	TAA	0	0	
mORF_-_1497493	1497493	1498473	-	5	981	ATG	TGA	0	0	
mORF_-_1497606	1497606	1497626	-	4	21	TTG	TAA	0	0	
mORF_-_1497630	1497630	1497728	-	4	99	ATG	TGA	0	0	
mORF_-_1497653	1497653	1497745	-	6	93	TTG	TGA	0	0	
mORF_-_1497735	1497735	1497806	-	4	72	ATG	TAA	0	0	
mORF_-_1497825	1497825	1498010	-	4	186	ATG	TGA	0	0	
mORF_-_1497848	1497848	1497862	-	6	15	ATG	TAA	0	0	
mORF_-_1498062	1498062	1498079	-	4	18	TTG	TGA	0	0	
mORF_-_1498080	1498080	1498094	-	4	15	TTG	TAA	0	0	
mORF_-_1498100	1498100	1498105	-	6	6	ATG	TAG	0	0	
mORF_-_1498116	1498116	1498145	-	4	30	GTG	TAG	0	0	
mORF_-_1498146	1498146	1498172	-	4	27	GTG	TAA	0	0	
mORF_-_1498190	1498190	1498216	-	6	27	GTG	TAA	0	0	
mORF_-_1498244	1498244	1498300	-	6	57	TTG	TAA	0	0	
mORF_-_1498254	1498254	1498280	-	4	27	ATG	TGA	0	0	
mORF_-_1498359	1498359	1498454	-	4	96	GTG	TGA	0	0	
mORF_-_1498451	1498451	1498561	-	6	111	TTG	TGA	0	0	
mORF_-_1498497	1498497	1498511	-	4	15	TTG	TAG	0	0	
mORF_-_1498527	1498527	1498556	-	4	30	ATG	TAG	0	0	
mORF_-_1498569	1498569	1498619	-	4	51	TTG	TAA	0	0	
mORF_-_1498576	1498576	1498710	-	5	135	GTG	TAA	0	0	
mORF_-_1498680	1498680	1498787	-	4	108	ATG	TAG	0	0	
mORF_-_1498756	1498756	1498965	-	5	210	TTG	TAA	0	0	
mORF_-_1498763	1498763	1498771	-	6	9	ATG	TAG	0	0	
mORF_-_1498784	1498784	1498906	-	6	123	GTG	TGA	0	0	
mORF_-_1498975	1498975	1498992	-	5	18	GTG	TAA	0	0	
mORF_-_1498989	1498989	1499042	-	4	54	TTG	TGA	0	0	
mORF_-_1499048	1499048	1499197	-	6	150	GTG	TGA	0	0	
mORF_-_1499076	1499076	1499204	-	4	129	ATG	TAG	0	0	
mORF_-_1499194	1499194	1499307	-	5	114	TTG	TGA	0	0	
mORF_-_1499205	1499205	1499270	-	4	66	GTG	TGA	0	0	
mORF_-_1499292	1499292	1499582	-	4	291	TTG	TAA	1	5	pORF_-_1499292
mORF_-_1499315	1499315	1499353	-	6	39	ATG	TAA	0	0	
mORF_-_1499354	1499354	1499401	-	6	48	TTG	TAA	0	0	
mORF_-_1499362	1499362	1499448	-	5	87	ATG	TGA	0	0	
mORF_-_1499486	1499486	1499494	-	6	9	TTG	TAA	0	0	
mORF_-_1499543	1499543	1499593	-	6	51	ATG	TGA	0	0	
mORF_-_1499606	1499606	1499707	-	6	102	TTG	TAG	0	0	
mORF_-_1499611	1499611	1499640	-	5	30	GTG	TAA	0	0	
mORF_-_1499628	1499628	1499642	-	4	15	GTG	TAA	0	0	
mORF_-_1499671	1499671	1499757	-	5	87	ATG	TAA	0	0	
mORF_-_1499723	1499723	1499737	-	6	15	TTG	TAA	0	0	
mORF_-_1499741	1499741	1499956	-	6	216	GTG	TAA	0	0	
mORF_-_1499823	1499823	1499948	-	4	126	TTG	TAA	0	0	
mORF_-_1499854	1499854	1499859	-	5	6	ATG	TGA	0	0	
mORF_-_1499956	1499956	1500012	-	5	57	ATG	TAG	0	0	
mORF_-_1499969	1499969	1499974	-	6	6	TTG	TAA	0	0	
mORF_-_1500005	1500005	1500040	-	6	36	TTG	TAA	0	0	
mORF_-_1500051	1500051	1500191	-	4	141	GTG	TAA	0	0	
mORF_-_1500062	1500062	1500250	-	6	189	ATG	TAA	0	0	
mORF_-_1500139	1500139	1500213	-	5	75	GTG	TAA	0	0	

mORF_-_1500256	1500256	1500282	-	5	27	GTG	TAA	0	0
mORF_-_1500310	1500310	1500357	-	5	48	ATG	TAA	0	0
mORF_-_1500361	1500361	1500417	-	5	57	GTG	TAG	0	0
mORF_-_1500396	1500396	1500422	-	4	27	GTG	TGA	0	0
mORF_-_1500439	1500439	1500465	-	5	27	ATG	TAG	0	0
mORF_-_1500462	1500462	1500590	-	4	129	TTG	TGA	0	0
mORF_-_1500479	1500479	1500547	-	6	69	ATG	TGA	0	0
mORF_-_1500554	1500554	1500613	-	6	60	TTG	TGA	0	0
mORF_-_1500620	1500620	1500697	-	6	78	TTG	TAG	0	0
mORF_-_1500637	1500637	1500891	-	5	255	TTG	TAA	0	0
mORF_-_1500663	1500663	1500701	-	4	39	GTG	TGA	0	0
mORF_-_1500698	1500698	1500811	-	6	114	GTG	TGA	0	0
mORF_-_1500765	1500765	1500878	-	4	114	TTG	TAG	0	0
mORF_-_1500857	1500857	1500916	-	6	60	ATG	TAA	0	0
mORF_-_1500894	1500894	1500959	-	4	66	ATG	TAG	0	0
mORF_-_1500916	1500916	1501206	-	5	291	ATG	TAA	0	0
mORF_-_1500972	1500972	1501022	-	4	51	TTG	TAG	0	0
mORF_-_1501019	1501019	1501072	-	6	54	TTG	TGA	0	0
mORF_-_1501032	1501032	1501142	-	4	111	TTG	TGA	0	0
mORF_-_1501167	1501167	1501334	-	4	168	TTG	TAA	0	0
mORF_-_1501181	1501181	1501363	-	6	183	TTG	TAA	0	0
mORF_-_1501306	1501306	1501389	-	5	84	GTG	TAG	0	0
mORF_-_1501386	1501386	1501673	-	4	288	ATG	TGA	0	0
mORF_-_1501454	1501454	1501606	-	6	153	ATG	TAA	0	0
mORF_-_1501510	1501510	1501518	-	5	9	ATG	TGA	0	0
mORF_-_1501561	1501561	1501665	-	5	105	TTG	TGA	0	0
mORF_-_1501610	1501610	1501633	-	6	24	GTG	TGA	0	0
mORF_-_1501670	1501670	1501699	-	6	30	ATG	TGA	0	0
mORF_-_1501700	1501700	1501762	-	6	63	ATG	TAA	0	0
mORF_-_1501711	1501711	1501887	-	5	177	TTG	TAA	0	0
mORF_-_1501725	1501725	1501778	-	4	54	TTG	TGA	0	0
mORF_-_1501775	1501775	1501792	-	6	18	GTG	TGA	0	0
mORF_-_1501806	1501806	1501829	-	4	24	ATG	TGA	0	0
mORF_-_1501833	1501833	1501877	-	4	45	GTG	TAA	0	0
mORF_-_1501892	1501892	1501927	-	6	36	GTG	TAA	0	0
mORF_-_1501906	1501906	1501920	-	5	15	TTG	TGA	0	0
mORF_-_1501947	1501947	1501991	-	4	45	TTG	TAA	0	0
mORF_-_1501988	1501988	1502014	-	6	27	ATG	TGA	0	0
mORF_-_1502103	1502103	1502162	-	4	60	ATG	TGA	0	0
mORF_-_1502162	1502162	1502215	-	6	54	TTG	TGA	0	0
mORF_-_1502188	1502188	1502202	-	5	15	GTG	TGA	0	0
mORF_-_1502199	1502199	1502267	-	4	69	GTG	TGA	0	0
mORF_-_1502322	1502322	1502381	-	4	60	TTG	TGA	0	0
mORF_-_1502332	1502332	1502463	-	5	132	GTG	TAA	0	0
mORF_-_1502351	1502351	1502410	-	6	60	TTG	TGA	0	0
mORF_-_1502430	1502430	1502543	-	4	114	TTG	TGA	0	0
mORF_-_1502438	1502438	1502443	-	6	6	TTG	TGA	0	0
mORF_-_1502450	1502450	1502467	-	6	18	TTG	TGA	0	0
mORF_-_1502492	1502492	1502506	-	6	15	TTG	TGA	0	0
mORF_-_1502525	1502525	1502722	-	6	198	GTG	TGA	0	0
mORF_-_1502563	1502563	1502697	-	5	135	ATG	TAA	0	0
mORF_-_1502694	1502694	1502864	-	4	171	GTG	TGA	0	0
mORF_-_1502719	1502719	1502724	-	5	6	TTG	TGA	0	0
mORF_-_1502791	1502791	1502805	-	5	15	GTG	TAA	0	0
mORF_-_1502874	1502874	1502906	-	4	33	GTG	TGA	0	0
mORF_-_1502912	1502912	1502932	-	6	21	TTG	TGA	0	0
mORF_-_1502929	1502929	1504365	-	5	1437	GTG	TGA	0	0
mORF_-_1502945	1502945	1502998	-	6	54	TTG	TGA	0	0
mORF_-_1502958	1502958	1502987	-	4	30	TTG	TGA	0	0
mORF_-_1502988	1502988	1503011	-	4	24	TTG	TAA	0	0
mORF_-_1503024	1503024	1503032	-	4	9	GTG	TGA	0	0
mORF_-_1503039	1503039	1503080	-	4	42	ATG	TAA	0	0
mORF_-_1503080	1503080	1503151	-	6	72	TTG	TAA	0	0

mORF_-_1503171	1503171	1503365	-	4	195	TTG	TGA	0	0	
mORF_-_1503188	1503188	1503244	-	6	57	TTG	TAG	0	0	
mORF_-_1503254	1503254	1503283	-	6	30	TTG	TAA	0	0	
mORF_-_1503441	1503441	1503464	-	4	24	TTG	TGA	0	0	
mORF_-_1503468	1503468	1503551	-	4	84	GTG	TGA	0	0	
mORF_-_1503548	1503548	1503655	-	6	108	GTG	TGA	0	0	
mORF_-_1503567	1503567	1503578	-	4	12	TTG	TGA	0	0	
mORF_-_1503582	1503582	1503593	-	4	12	TTG	TGA	0	0	
mORF_-_1503594	1503594	1503734	-	4	141	TTG	TAA	0	0	
mORF_-_1503756	1503756	1503767	-	4	12	TTG	TGA	0	0	
mORF_-_1503795	1503795	1503812	-	4	18	TTG	TAA	0	0	
mORF_-_1503833	1503833	1504135	-	6	303	GTG	TAA	0	0	
mORF_-_1503963	1503963	1504004	-	4	42	TTG	TGA	0	0	
mORF_-_1504020	1504020	1504046	-	4	27	TTG	TAA	0	0	
mORF_-_1504119	1504119	1504229	-	4	111	GTG	TAA	0	0	
mORF_-_1504217	1504217	1504237	-	6	21	TTG	TAA	0	0	
mORF_-_1504293	1504293	1504391	-	4	99	ATG	TAG	0	0	
mORF_-_1504413	1504413	1504436	-	4	24	GTG	TAG	0	0	
mORF_-_1504421	1504421	1504717	-	6	297	ATG	TGA	0	0	
mORF_-_1504426	1504426	1504458	-	5	33	GTG	TAA	0	0	
mORF_-_1504455	1504455	1504526	-	4	72	TTG	TGA	0	0	
mORF_-_1504507	1504507	1504662	-	5	156	GTG	TGA	0	0	
mORF_-_1504702	1504702	1504713	-	5	12	ATG	TGA	0	0	
mORF_-_1504729	1504729	1504782	-	5	54	ATG	TAA	0	0	
mORF_-_1504767	1504767	1504847	-	4	81	GTG	TAG	0	0	
mORF_-_1504790	1504790	1504822	-	6	33	ATG	TAG	0	0	
mORF_-_1504819	1504819	1504860	-	5	42	ATG	TGA	0	0	
mORF_-_1504835	1504835	1505575	-	6	741	ATG	TAA	1	17	pORF_-_1504835
mORF_-_1504872	1504872	1504994	-	4	123	TTG	TAG	0	0	
mORF_-_1504984	1504984	1505019	-	5	36	ATG	TAA	0	0	
mORF_-_1505098	1505098	1505211	-	5	114	GTG	TGA	0	0	
mORF_-_1505260	1505260	1505283	-	5	24	ATG	TGA	0	0	
mORF_-_1505292	1505292	1505408	-	4	117	ATG	TAA	0	0	
mORF_-_1505332	1505332	1505337	-	5	6	ATG	TAG	0	0	
mORF_-_1505341	1505341	1505406	-	5	66	GTG	TGA	0	0	
mORF_-_1505473	1505473	1505523	-	5	51	TTG	TGA	0	0	
mORF_-_1505536	1505536	1505541	-	5	6	TTG	TAA	0	0	
mORF_-_1505551	1505551	1505568	-	5	18	GTG	TAG	0	0	
mORF_-_1505575	1505575	1505694	-	5	120	GTG	TAA	0	0	
mORF_-_1505598	1505598	1505663	-	4	66	ATG	TAA	0	0	
mORF_-_1505633	1505633	1505968	-	6	336	GTG	TGA	0	0	
mORF_-_1505794	1505794	1505883	-	5	90	TTG	TGA	0	0	
mORF_-_1505811	1505811	1505828	-	4	18	TTG	TAA	0	0	
mORF_-_1505853	1505853	1506014	-	4	162	TTG	TAA	0	0	
mORF_-_1505908	1505908	1505952	-	5	45	TTG	TGA	0	0	
mORF_-_1505972	1505972	1506229	-	6	258	TTG	TAG	0	0	
mORF_-_1505989	1505989	1506171	-	5	183	TTG	TGA	0	0	
mORF_-_1506111	1506111	1506191	-	4	81	TTG	TGA	0	0	
mORF_-_1506211	1506211	1506300	-	5	90	ATG	TAA	0	0	
mORF_-_1506231	1506231	1506476	-	4	246	GTG	TAA	0	0	
mORF_-_1506269	1506269	1506595	-	6	327	TTG	TAA	0	0	
mORF_-_1506370	1506370	1506411	-	5	42	TTG	TAA	0	0	
mORF_-_1506439	1506439	1506672	-	5	234	TTG	TAG	0	0	
mORF_-_1506567	1506567	1506590	-	4	24	TTG	TGA	0	0	
mORF_-_1506600	1506600	1506644	-	4	45	ATG	TAA	0	0	
mORF_-_1506623	1506623	1506679	-	6	57	GTG	TAG	0	0	
mORF_-_1506669	1506669	1506746	-	4	78	ATG	TGA	0	0	
mORF_-_1506676	1506676	1506681	-	5	6	ATG	TGA	0	0	
mORF_-_1506695	1506695	1506790	-	6	96	GTG	TAA	0	0	
mORF_-_1506783	1506783	1506842	-	4	60	ATG	TAA	0	0	
mORF_-_1506787	1506787	1506792	-	5	6	TTG	TGA	0	0	
mORF_-_1506794	1506794	1506988	-	6	195	ATG	TAA	0	0	
mORF_-_1506832	1506832	1506861	-	5	30	TTG	TAA	0	0	

mORF_-_1506858	1506858	1507088	-	4	231	ATG	TGA	0	0	
mORF_-_1506964	1506964	1506999	-	5	36	GTG	TGA	0	0	
mORF_-_1506992	1506992	1507051	-	6	60	GTG	TAA	0	0	
mORF_-_1507006	1507006	1507053	-	5	48	GTG	TGA	0	0	
mORF_-_1507055	1507055	1507096	-	6	42	GTG	TAA	0	0	
mORF_-_1507145	1507145	1507267	-	6	123	GTG	TAA	0	0	
mORF_-_1507149	1507149	1507160	-	4	12	TTG	TGA	0	0	
mORF_-_1507162	1507162	1507209	-	5	48	ATG	TAA	0	0	
mORF_-_1507248	1507248	1507253	-	4	6	GTG	TAA	0	0	
mORF_-_1507274	1507274	1507471	-	6	198	TTG	TAA	0	0	
mORF_-_1507345	1507345	1507374	-	5	30	TTG	TGA	0	0	
mORF_-_1507393	1507393	1507413	-	5	21	ATG	TGA	0	0	
mORF_-_1507437	1507437	1507493	-	4	57	TTG	TAA	0	0	
mORF_-_1507483	1507483	1507512	-	5	30	ATG	TAA	0	0	
mORF_-_1507537	1507537	1507548	-	5	12	GTG	TAA	0	0	
mORF_-_1507551	1507551	1507670	-	4	120	ATG	TAA	0	0	
mORF_-_1507698	1507698	1507718	-	4	21	ATG	TAA	0	0	
mORF_-_1507718	1507718	1507735	-	6	18	GTG	TAA	0	0	
mORF_-_1507732	1507732	1507806	-	5	75	GTG	TGA	0	0	
mORF_-_1507796	1507796	1507813	-	6	18	TTG	TGA	0	0	
mORF_-_1507807	1507807	1507836	-	5	30	TTG	TGA	0	0	
mORF_-_1507859	1507859	1507876	-	6	18	ATG	TAG	0	0	
mORF_-_1507863	1507863	1508009	-	4	147	GTG	TAA	0	0	
mORF_-_1507873	1507873	1507923	-	5	51	TTG	TGA	0	0	
mORF_-_1507955	1507955	1507981	-	6	27	TTG	TAA	0	0	
mORF_-_1508000	1508000	1508056	-	6	57	TTG	TGA	0	0	
mORF_-_1508014	1508014	1508139	-	5	126	ATG	TAA	0	0	
mORF_-_1508057	1508057	1508089	-	6	33	TTG	TAA	0	0	
mORF_-_1508132	1508132	1508392	-	6	261	TTG	TGA	0	0	
mORF_-_1508193	1508193	1508237	-	4	45	TTG	TAA	0	0	
mORF_-_1508218	1508218	1508298	-	5	81	GTG	TAA	0	0	
mORF_-_1508299	1508299	1508430	-	5	132	GTG	TAA	0	0	
mORF_-_1508497	1508497	1508541	-	5	45	ATG	TAG	0	0	
mORF_-_1508541	1508541	1508564	-	4	24	ATG	TAA	0	0	
mORF_-_1508564	1508564	1508581	-	6	18	TTG	TAA	0	0	
mORF_-_1508710	1508710	1508835	-	5	126	TTG	TGA	0	0	
mORF_-_1508766	1508766	1508783	-	4	18	GTG	TAG	0	0	
mORF_-_1508790	1508790	1508816	-	4	27	GTG	TAA	0	0	
mORF_-_1508795	1508795	1509025	-	6	231	TTG	TAA	0	0	
mORF_-_1508832	1508832	1509281	-	4	450	GTG	TGA	0	0	
mORF_-_1508836	1508836	1508844	-	5	9	TTG	TGA	0	0	
mORF_-_1509022	1509022	1509054	-	5	33	GTG	TGA	0	0	
mORF_-_1509059	1509059	1509208	-	6	150	ATG	TGA	0	0	
mORF_-_1509085	1509085	1509096	-	5	12	GTG	TAA	0	0	
mORF_-_1509266	1509266	1509292	-	6	27	ATG	TAA	0	0	
mORF_-_1509289	1509289	1509411	-	5	123	TTG	TGA	0	0	
mORF_-_1509321	1509321	1509341	-	4	21	GTG	TAG	0	0	
mORF_-_1509338	1509338	1509403	-	6	66	TTG	TGA	0	0	
mORF_-_1509404	1509404	1509421	-	6	18	TTG	TAA	0	0	
mORF_-_1509455	1509455	1509490	-	6	36	ATG	TAA	0	0	
mORF_-_1509508	1509508	1509540	-	5	33	ATG	TAG	0	0	
mORF_-_1509528	1509528	1509620	-	4	93	TTG	TAA	0	0	
mORF_-_1509554	1509554	1509559	-	6	6	TTG	TGA	0	0	
mORF_-_1509575	1509575	1509652	-	6	78	TTG	TGA	0	0	
mORF_-_1509631	1509631	1509639	-	5	9	GTG	TAA	0	0	
mORF_-_1509653	1509653	1509721	-	6	69	ATG	TAA	0	0	
mORF_-_1509657	1509657	1509740	-	4	84	GTG	TAA	0	0	
mORF_-_1509676	1509676	1509690	-	5	15	ATG	TAA	0	0	
mORF_-_1509715	1509715	1509726	-	5	12	TTG	TGA	0	0	
mORF_-_1509737	1509737	1509931	-	6	195	TTG	TGA	0	0	
mORF_-_1509762	1509762	1510562	-	4	801	ATG	TAA	1	2	pORF_-_1509762
mORF_-_1509938	1509938	1510084	-	6	147	TTG	TAA	0	0	
mORF_-_1509949	1509949	1509957	-	5	9	ATG	TAA	0	0	

mORF_-_1510006	1510006	1510017	-	5	12	ATG	TAA	0	0	
mORF_-_1510069	1510069	1510098	-	5	30	GTG	TAA	0	0	
mORF_-_1510088	1510088	1510096	-	6	9	GTG	TAA	0	0	
mORF_-_1510100	1510100	1510210	-	6	111	TTG	TAA	0	0	
mORF_-_1510244	1510244	1510279	-	6	36	GTG	TAG	0	0	
mORF_-_1510280	1510280	1510297	-	6	18	ATG	TGA	0	0	
mORF_-_1510310	1510310	1510318	-	6	9	GTG	TGA	0	0	
mORF_-_1510379	1510379	1510417	-	6	39	TTG	TAG	0	0	
mORF_-_1510454	1510454	1510540	-	6	87	ATG	TGA	0	0	
mORF_-_1510516	1510516	1510605	-	5	90	TTG	TAA	0	0	
mORF_-_1510574	1510574	1510705	-	6	132	TTG	TAG	0	0	
mORF_-_1510715	1510715	1510765	-	6	51	TTG	TAG	0	0	
mORF_-_1510796	1510796	1510807	-	6	12	ATG	TAA	0	0	
mORF_-_1510807	1510807	1511049	-	5	243	TTG	TAA	0	0	
mORF_-_1511025	1511025	1511057	-	4	33	GTG	TAG	0	0	
mORF_-_1511092	1511092	1511127	-	5	36	TTG	TAG	0	0	
mORF_-_1511099	1511099	1511227	-	6	129	TTG	TAG	0	0	
mORF_-_1511134	1511134	1511151	-	5	18	TTG	TAG	0	0	
mORF_-_1511148	1511148	1511240	-	4	93	GTG	TGA	0	0	
mORF_-_1511237	1511237	1511419	-	6	183	GTG	TGA	0	0	
mORF_-_1511254	1511254	1511400	-	5	147	GTG	TGA	0	0	
mORF_-_1511271	1511271	1511333	-	4	63	GTG	TAG	0	0	
mORF_-_1511422	1511422	1511478	-	5	57	ATG	TGA	0	0	
mORF_-_1511435	1511435	1511875	-	6	441	TTG	TAA	0	0	
mORF_-_1511463	1511463	1511552	-	4	90	ATG	TGA	0	0	
mORF_-_1511506	1511506	1511667	-	5	162	GTG	TAG	1	5	pORF_-_1511506
mORF_-_1511634	1511634	1511699	-	4	66	TTG	TGA	0	0	
mORF_-_1511746	1511746	1511979	-	5	234	ATG	TGA	0	0	
mORF_-_1511784	1511784	1512005	-	4	222	GTG	TGA	0	0	
mORF_-_1511882	1511882	1511923	-	6	42	ATG	TGA	0	0	
mORF_-_1512022	1512022	1512045	-	5	24	ATG	TAA	0	0	
mORF_-_1512103	1512103	1512162	-	5	60	ATG	TAA	0	0	
mORF_-_1512147	1512147	1512176	-	4	30	TTG	TAG	0	0	
mORF_-_1512259	1512259	1512264	-	5	6	ATG	TAG	0	0	
mORF_-_1512267	1512267	1512347	-	4	81	GTG	TAA	0	0	
mORF_-_1512323	1512323	1512331	-	6	9	ATG	TAA	0	0	
mORF_-_1512363	1512363	1512398	-	4	36	TTG	TAA	0	0	
mORF_-_1512430	1512430	1512450	-	5	21	ATG	TAG	0	0	
mORF_-_1512447	1512447	1512566	-	4	120	TTG	TGA	0	0	
mORF_-_1512491	1512491	1512535	-	6	45	TTG	TGA	0	0	
mORF_-_1512544	1512544	1512666	-	5	123	TTG	TAG	0	0	
mORF_-_1512594	1512594	1512605	-	4	12	GTG	TAA	0	0	
mORF_-_1512602	1512602	1512859	-	6	258	ATG	TGA	0	0	
mORF_-_1512606	1512606	1512611	-	4	6	GTG	TGA	0	0	
mORF_-_1512657	1512657	1512719	-	4	63	ATG	TAA	0	0	
mORF_-_1512673	1512673	1512804	-	5	132	GTG	TAA	0	0	
mORF_-_1512741	1512741	1512791	-	4	51	GTG	TGA	0	0	
mORF_-_1512846	1512846	1512851	-	4	6	ATG	TAG	0	0	
mORF_-_1512875	1512875	1513192	-	6	318	ATG	TAG	0	0	
mORF_-_1512904	1512904	1512915	-	5	12	GTG	TAA	0	0	
mORF_-_1512940	1512940	1512990	-	5	51	GTG	TAA	0	0	
mORF_-_1512991	1512991	1513014	-	5	24	ATG	TAA	0	0	
mORF_-_1513146	1513146	1513205	-	4	60	ATG	TAA	0	0	
mORF_-_1513202	1513202	1513303	-	6	102	TTG	TGA	0	0	
mORF_-_1513240	1513240	1513287	-	5	48	TTG	TGA	0	0	
mORF_-_1513284	1513284	1513313	-	4	30	TTG	TGA	0	0	
mORF_-_1513322	1513322	1513402	-	6	81	ATG	TAG	0	0	
mORF_-_1513353	1513353	1513427	-	4	75	ATG	TAA	0	0	
mORF_-_1513424	1513424	1513456	-	6	33	TTG	TGA	0	0	
mORF_-_1513457	1513457	1513570	-	6	114	TTG	TGA	0	0	
mORF_-_1513489	1513489	1513503	-	5	15	GTG	TAG	0	0	
mORF_-_1513510	1513510	1513584	-	5	75	GTG	TAA	0	0	
mORF_-_1513551	1513551	1513610	-	4	60	ATG	TAG	0	0	

mORF_-_1513636	1513636	1513755	-	5	120	ATG	TAA	0	0	
mORF_-_1513664	1513664	1513777	-	6	114	GTG	TAG	0	0	
mORF_-_1513689	1513689	1513991	-	4	303	ATG	TAA	0	0	
mORF_-_1513835	1513835	1513894	-	6	60	TTG	TGA	0	0	
mORF_-_1514032	1514032	1514040	-	5	9	GTG	TAG	0	0	
mORF_-_1514048	1514048	1514215	-	6	168	TTG	TAA	0	0	
mORF_-_1514113	1514113	1514121	-	5	9	ATG	TAA	0	0	
mORF_-_1514121	1514121	1514468	-	4	348	TTG	TGA	0	0	
mORF_-_1514240	1514240	1514320	-	6	81	ATG	TGA	0	0	
mORF_-_1514320	1514320	1514517	-	5	198	TTG	TAA	1	7	pORF_-_1514320
mORF_-_1514330	1514330	1514350	-	6	21	TTG	TGA	0	0	
mORF_-_1514420	1514420	1514425	-	6	6	TTG	TAA	0	0	
mORF_-_1514459	1514459	1514476	-	6	18	ATG	TAG	0	0	
mORF_-_1514477	1514477	1514662	-	6	186	TTG	TAA	0	0	
mORF_-_1514565	1514565	1514630	-	4	66	GTG	TAA	0	0	
mORF_-_1514641	1514641	1514706	-	5	66	ATG	TGA	0	0	
mORF_-_1514678	1514678	1514911	-	6	234	ATG	TAG	0	0	
mORF_-_1514706	1514706	1514933	-	4	228	GTG	TAA	0	0	
mORF_-_1514758	1514758	1514823	-	5	66	ATG	TAA	0	0	
mORF_-_1514863	1514863	1514871	-	5	9	GTG	TGA	0	0	
mORF_-_1514908	1514908	1514973	-	5	66	GTG	TGA	0	0	
mORF_-_1514954	1514954	1514962	-	6	9	TTG	TAA	0	0	
mORF_-_1514970	1514970	1515023	-	4	54	ATG	TGA	0	0	
mORF_-_1514990	1514990	1515013	-	6	24	ATG	TAA	0	0	
mORF_-_1515023	1515023	1515139	-	6	117	TTG	TAA	0	0	
mORF_-_1515073	1515073	1515081	-	5	9	GTG	TGA	0	0	
mORF_-_1515118	1515118	1515126	-	5	9	TTG	TAG	0	0	
mORF_-_1515123	1515123	1515227	-	4	105	GTG	TGA	0	0	
mORF_-_1515143	1515143	1515178	-	6	36	TTG	TGA	0	0	
mORF_-_1515194	1515194	1515214	-	6	21	ATG	TAG	0	0	
mORF_-_1515202	1515202	1515276	-	5	75	TTG	TAG	0	0	
mORF_-_1515215	1515215	1515493	-	6	279	GTG	TGA	0	0	
mORF_-_1515283	1515283	1515333	-	5	51	TTG	TGA	0	0	
mORF_-_1515330	1515330	1515356	-	4	27	GTG	TGA	0	0	
mORF_-_1515391	1515391	1515414	-	5	24	ATG	TGA	0	0	
mORF_-_1515424	1515424	1515432	-	5	9	ATG	TGA	0	0	
mORF_-_1515442	1515442	1515477	-	5	36	GTG	TAA	0	0	
mORF_-_1515450	1515450	1515467	-	4	18	ATG	TAA	0	0	
mORF_-_1515474	1515474	1515578	-	4	105	GTG	TGA	0	0	
mORF_-_1515490	1515490	1515507	-	5	18	ATG	TGA	0	0	
mORF_-_1515583	1515583	1515597	-	5	15	GTG	TAA	0	0	
mORF_-_1515594	1515594	1515614	-	4	21	GTG	TGA	0	0	
mORF_-_1515621	1515621	1515737	-	4	117	ATG	TAA	0	0	
mORF_-_1515626	1515626	1515652	-	6	27	GTG	TGA	0	0	
mORF_-_1515649	1515649	1515654	-	5	6	TTG	TGA	0	0	
mORF_-_1515659	1515659	1515730	-	6	72	ATG	TAG	0	0	
mORF_-_1515727	1515727	1516143	-	5	417	GTG	TGA	0	0	
mORF_-_1515777	1515777	1515872	-	4	96	GTG	TAA	0	0	
mORF_-_1515794	1515794	1515820	-	6	27	GTG	TAG	0	0	
mORF_-_1515833	1515833	1515898	-	6	66	ATG	TGA	0	0	
mORF_-_1515906	1515906	1516355	-	4	450	ATG	TAA	0	0	
mORF_-_1515923	1515923	1515997	-	6	75	ATG	TAG	0	0	
mORF_-_1516019	1516019	1516030	-	6	12	TTG	TGA	0	0	
mORF_-_1516031	1516031	1516219	-	6	189	TTG	TGA	1	0	pORF_-_1516031
mORF_-_1516189	1516189	1516359	-	5	171	TTG	TAA	0	0	
mORF_-_1516286	1516286	1516324	-	6	39	TTG	TGA	0	0	
mORF_-_1516325	1516325	1516336	-	6	12	TTG	TGA	0	0	
mORF_-_1516352	1516352	1517104	-	6	753	ATG	TGA	0	0	
mORF_-_1516371	1516371	1516418	-	4	48	TTG	TGA	0	0	
mORF_-_1516405	1516405	1516425	-	5	21	TTG	TGA	0	0	
mORF_-_1516428	1516428	1516541	-	4	114	TTG	TAA	0	0	
mORF_-_1516435	1516435	1516557	-	5	123	TTG	TAG	0	0	
mORF_-_1516567	1516567	1516677	-	5	111	ATG	TAA	0	0	

mORF_-_1516726	1516726	1516857	-	5	132	TTG	TAG	0	0	
mORF_-_1516879	1516879	1516908	-	5	30	TTG	TGA	0	0	
mORF_-_1516951	1516951	1517184	-	5	234	GTG	TAA	0	0	
mORF_-_1517025	1517025	1517039	-	4	15	GTG	TGA	0	0	
mORF_-_1517049	1517049	1517420	-	4	372	ATG	TAA	0	0	
mORF_-_1517243	1517243	1517413	-	6	171	TTG	TGA	0	0	
mORF_-_1517362	1517362	1517370	-	5	9	ATG	TAG	0	0	
mORF_-_1517471	1517471	1517617	-	6	147	ATG	TAG	0	0	
mORF_-_1517485	1517485	1517562	-	5	78	TTG	TGA	0	0	
mORF_-_1517619	1517619	1517699	-	4	81	TTG	TAG	0	0	
mORF_-_1517630	1517630	1517680	-	6	51	TTG	TAA	0	0	
mORF_-_1517716	1517716	1517781	-	5	66	ATG	TAA	0	0	
mORF_-_1517763	1517763	1517771	-	4	9	ATG	TAA	0	0	
mORF_-_1517814	1517814	1517828	-	4	15	GTG	TAG	0	0	
mORF_-_1517843	1517843	1517977	-	6	135	GTG	TAA	0	0	
mORF_-_1517917	1517917	1517925	-	5	9	ATG	TGA	0	0	
mORF_-_1517977	1517977	1518057	-	5	81	TTG	TAG	0	0	
mORF_-_1517991	1517991	1518017	-	4	27	GTG	TAA	0	0	
mORF_-_1518002	1518002	1518115	-	6	114	ATG	TAA	0	0	
mORF_-_1518085	1518085	1518129	-	5	45	TTG	TAA	0	0	
mORF_-_1518147	1518147	1518215	-	4	69	GTG	TAA	0	0	
mORF_-_1518151	1518151	1518162	-	5	12	GTG	TAA	0	0	
mORF_-_1518164	1518164	1518190	-	6	27	TTG	TGA	0	0	
mORF_-_1518212	1518212	1518271	-	6	60	GTG	TGA	0	0	
mORF_-_1518217	1518217	1518351	-	5	135	ATG	TAA	0	0	
mORF_-_1518356	1518356	1518385	-	6	30	GTG	TAA	0	0	
mORF_-_1518370	1518370	1518414	-	5	45	TTG	TAA	0	0	
mORF_-_1518428	1518428	1518499	-	6	72	ATG	TAA	0	0	
mORF_-_1518451	1518451	1518528	-	5	78	TTG	TAA	0	0	
mORF_-_1518525	1518525	1518542	-	4	18	TTG	TGA	0	0	
mORF_-_1518552	1518552	1518680	-	4	129	ATG	TAG	0	0	
mORF_-_1518565	1518565	1518606	-	5	42	TTG	TAA	0	0	
mORF_-_1518640	1518640	1518675	-	5	36	TTG	TAA	0	0	
mORF_-_1518680	1518680	1518724	-	6	45	TTG	TAA	0	0	
mORF_-_1518703	1518703	1518717	-	5	15	ATG	TAA	0	0	
mORF_-_1518714	1518714	1518734	-	4	21	ATG	TGA	0	0	
mORF_-_1518721	1518721	1518756	-	5	36	TTG	TGA	0	0	
mORF_-_1518781	1518781	1518786	-	5	6	ATG	TAA	0	0	
mORF_-_1518803	1518803	1518868	-	6	66	TTG	TAA	0	0	
mORF_-_1518817	1518817	1518843	-	5	27	ATG	TAA	0	0	
mORF_-_1518840	1518840	1518944	-	4	105	TTG	TGA	0	0	
mORF_-_1518859	1518859	1518915	-	5	57	TTG	TAA	0	0	
mORF_-_1518923	1518923	1519006	-	6	84	TTG	TAG	0	0	
mORF_-_1518928	1518928	1518981	-	5	54	TTG	TAA	0	0	
mORF_-_1518987	1518987	1521089	-	4	2103	ATG	TAA	3	10	pORF_-_1518987
mORF_-_1518991	1518991	1519002	-	5	12	GTG	TGA	0	0	
mORF_-_1519010	1519010	1519123	-	6	114	TTG	TGA	0	0	
mORF_-_1519136	1519136	1519279	-	6	144	ATG	TAA	0	0	
mORF_-_1519213	1519213	1519263	-	5	51	TTG	TGA	0	0	
mORF_-_1519283	1519283	1519378	-	6	96	TTG	TAG	0	0	
mORF_-_1519333	1519333	1519338	-	5	6	TTG	TAA	0	0	
mORF_-_1519345	1519345	1519353	-	5	9	TTG	TGA	0	0	
mORF_-_1519375	1519375	1519431	-	5	57	ATG	TGA	0	0	
mORF_-_1519397	1519397	1519588	-	6	192	TTG	TAA	0	0	
mORF_-_1519622	1519622	1519714	-	6	93	ATG	TGA	0	0	
mORF_-_1519675	1519675	1519752	-	5	78	ATG	TGA	0	0	
mORF_-_1519718	1519718	1519726	-	6	9	ATG	TGA	0	0	
mORF_-_1519730	1519730	1519849	-	6	120	ATG	TAA	0	0	
mORF_-_1519816	1519816	1519908	-	5	93	GTG	TGA	0	0	
mORF_-_1519910	1519910	1519939	-	6	30	GTG	TGA	0	0	
mORF_-_1519970	1519970	1520005	-	6	36	GTG	TGA	0	0	
mORF_-_1520021	1520021	1520062	-	6	42	GTG	TGA	0	0	
mORF_-_1520111	1520111	1520191	-	6	81	ATG	TGA	0	0	

mORF_-_1520198	1520198	1520203	-	6	6	GTG	TGA	0	0	
mORF_-_1520204	1520204	1520212	-	6	9	ATG	TGA	0	0	
mORF_-_1520222	1520222	1520293	-	6	72	GTG	TGA	0	0	
mORF_-_1520311	1520311	1520322	-	5	12	ATG	TAA	0	0	
mORF_-_1520333	1520333	1520368	-	6	36	GTG	TAA	0	0	
mORF_-_1520384	1520384	1520425	-	6	42	ATG	TAA	0	0	
mORF_-_1520429	1520429	1520506	-	6	78	ATG	TAG	0	0	
mORF_-_1520546	1520546	1520632	-	6	87	ATG	TGA	0	0	
mORF_-_1520636	1520636	1520704	-	6	69	GTG	TAA	0	0	
mORF_-_1520708	1520708	1520845	-	6	138	ATG	TAA	0	0	
mORF_-_1520885	1520885	1520938	-	6	54	ATG	TGA	0	0	
mORF_-_1520948	1520948	1521001	-	6	54	TTG	TAA	0	0	
mORF_-_1521002	1521002	1521046	-	6	45	TTG	TGA	0	0	
mORF_-_1521086	1521086	1521220	-	6	135	ATG	TGA	0	0	
mORF_-_1521103	1521103	1521126	-	5	24	ATG	TAA	0	0	
mORF_-_1521123	1521123	1521248	-	4	126	ATG	TGA	0	0	
mORF_-_1521145	1521145	1521165	-	5	21	GTG	TAA	0	0	
mORF_-_1521249	1521249	1521332	-	4	84	ATG	TAA	0	0	
mORF_-_1521278	1521278	1521319	-	6	42	TTG	TAA	0	0	
mORF_-_1521316	1521316	1521336	-	5	21	ATG	TGA	0	0	
mORF_-_1521329	1521329	1521406	-	6	78	ATG	TGA	0	0	
mORF_-_1521337	1521337	1521345	-	5	9	ATG	TAA	0	0	
mORF_-_1521403	1521403	1522023	-	5	621	GTG	TGA	0	0	
mORF_-_1521471	1521471	1521521	-	4	51	TTG	TAA	0	0	
mORF_-_1521543	1521543	1521626	-	4	84	GTG	TAA	0	0	
mORF_-_1521630	1521630	1521791	-	4	162	GTG	TGA	0	0	
mORF_-_1521795	1521795	1521920	-	4	126	TTG	TAA	0	0	
mORF_-_1521927	1521927	1522121	-	4	195	TTG	TAA	0	0	
mORF_-_1522037	1522037	1522066	-	6	30	ATG	TAA	0	0	
mORF_-_1522079	1522079	1522153	-	6	75	GTG	TAG	0	0	
mORF_-_1522150	1522150	1522608	-	5	459	TTG	TGA	0	0	
mORF_-_1522217	1522217	1522279	-	6	63	TTG	TGA	0	0	
mORF_-_1522272	1522272	1522340	-	4	69	GTG	TGA	0	0	
mORF_-_1522437	1522437	1522496	-	4	60	TTG	TGA	0	0	
mORF_-_1522460	1522460	1522504	-	6	45	TTG	TGA	0	0	
mORF_-_1522505	1522505	1524055	-	6	1551	TTG	TAA	2	5	pORF_-_1522505
mORF_-_1522687	1522687	1522701	-	5	15	GTG	TGA	0	0	
mORF_-_1522720	1522720	1522764	-	5	45	ATG	TGA	0	0	
mORF_-_1522791	1522791	1522829	-	4	39	ATG	TAA	0	0	
mORF_-_1522858	1522858	1522923	-	5	66	TTG	TGA	0	0	
mORF_-_1522924	1522924	1522956	-	5	33	ATG	TAG	0	0	
mORF_-_1523068	1523068	1523079	-	5	12	TTG	TGA	0	0	
mORF_-_1523083	1523083	1523109	-	5	27	GTG	TGA	0	0	
mORF_-_1523115	1523115	1523222	-	4	108	TTG	TAA	0	0	
mORF_-_1523128	1523128	1523214	-	5	87	TTG	TGA	0	0	
mORF_-_1523224	1523224	1523313	-	5	90	TTG	TGA	0	0	
mORF_-_1523265	1523265	1523270	-	4	6	ATG	TAA	0	0	
mORF_-_1523329	1523329	1523373	-	5	45	ATG	TGA	0	0	
mORF_-_1523383	1523383	1523424	-	5	42	GTG	TAA	0	0	
mORF_-_1523458	1523458	1523508	-	5	51	TTG	TGA	0	0	
mORF_-_1523475	1523475	1523573	-	4	99	GTG	TAA	0	0	
mORF_-_1523515	1523515	1523520	-	5	6	GTG	TGA	0	0	
mORF_-_1523530	1523530	1523637	-	5	108	TTG	TGA	0	0	
mORF_-_1523644	1523644	1523796	-	5	153	GTG	TGA	0	0	
mORF_-_1523757	1523757	1523798	-	4	42	TTG	TGA	0	0	
mORF_-_1523800	1523800	1523853	-	5	54	GTG	TAA	0	0	
mORF_-_1523854	1523854	1523886	-	5	33	TTG	TAG	0	0	
mORF_-_1523893	1523893	1523946	-	5	54	ATG	TGA	0	0	
mORF_-_1524034	1524034	1524090	-	5	57	ATG	TGA	0	0	
mORF_-_1524111	1524111	1524152	-	4	42	TTG	TAG	0	0	
mORF_-_1524134	1524134	1524157	-	6	24	ATG	TAA	0	0	
mORF_-_1524162	1524162	1524167	-	4	6	TTG	TAA	0	0	
mORF_-_1524180	1524180	1524206	-	4	27	TTG	TAA	0	0	

mORF_-_1524237	1524237	1524242	-	4	6	GTG	TAG	0	0
mORF_-_1524250	1524250	1524270	-	5	21	ATG	TAA	0	0
mORF_-_1524305	1524305	1524310	-	6	6	TTG	TAG	0	0
mORF_-_1524311	1524311	1524331	-	6	21	GTG	TGA	0	0
mORF_-_1524325	1524325	1524378	-	5	54	GTG	TAG	0	0
mORF_-_1524362	1524362	1524442	-	6	81	ATG	TGA	0	0
mORF_-_1524397	1524397	1524552	-	5	156	TTG	TAA	0	0
mORF_-_1524458	1524458	1524520	-	6	63	GTG	TAA	0	0
mORF_-_1524575	1524575	1524592	-	6	18	ATG	TAG	0	0
mORF_-_1524582	1524582	1524596	-	4	15	GTG	TAG	0	0
mORF_-_1524593	1524593	1524634	-	6	42	GTG	TGA	0	0
mORF_-_1524643	1524643	1524732	-	5	90	TTG	TAA	0	0
mORF_-_1524678	1524678	1524704	-	4	27	GTG	TAA	0	0
mORF_-_1524733	1524733	1524786	-	5	54	ATG	TAG	0	0
mORF_-_1524750	1524750	1524770	-	4	21	GTG	TAA	0	0
mORF_-_1524761	1524761	1524772	-	6	12	ATG	TAG	0	0
mORF_-_1524795	1524795	1524809	-	4	15	GTG	TGA	0	0
mORF_-_1524853	1524853	1524858	-	5	6	TTG	TAA	0	0
mORF_-_1524910	1524910	1524939	-	5	30	TTG	TAA	0	0
mORF_-_1524917	1524917	1524937	-	6	21	GTG	TAA	0	0
mORF_-_1524930	1524930	1524965	-	4	36	ATG	TAA	0	0
mORF_-_1524981	1524981	1525001	-	4	21	ATG	TAA	0	0
mORF_-_1525011	1525011	1525019	-	4	9	ATG	TAG	0	0
mORF_-_1525036	1525036	1525047	-	5	12	GTG	TAG	0	0
mORF_-_1525040	1525040	1525081	-	6	42	ATG	TAG	0	0
mORF_-_1525044	1525044	1525049	-	4	6	ATG	TGA	0	0
mORF_-_1525083	1525083	1525094	-	4	12	TTG	TAG	0	0
mORF_-_1525091	1525091	1525135	-	6	45	TTG	TGA	0	0
mORF_-_1525142	1525142	1525210	-	6	69	TTG	TAA	0	0
mORF_-_1525211	1525211	1525291	-	6	81	TTG	TAA	0	0
mORF_-_1525251	1525251	1525277	-	4	27	ATG	TAG	0	0
mORF_-_1525321	1525321	1525338	-	5	18	TTG	TAA	0	0
mORF_-_1525335	1525335	1525391	-	4	57	ATG	TGA	0	0
mORF_-_1525357	1525357	1525407	-	5	51	ATG	TAG	0	0
mORF_-_1525364	1525364	1525444	-	6	81	GTG	TAA	0	0
mORF_-_1525417	1525417	1525494	-	5	78	ATG	TAA	0	0
mORF_-_1525506	1525506	1525526	-	4	21	ATG	TAG	0	0
mORF_-_1525547	1525547	1525564	-	6	18	GTG	TAG	0	0
mORF_-_1525588	1525588	1525734	-	5	147	ATG	TAA	0	0
mORF_-_1525608	1525608	1525658	-	4	51	ATG	TGA	0	0
mORF_-_1525659	1525659	1525667	-	4	9	TTG	TGA	0	0
mORF_-_1525686	1525686	1525796	-	4	111	ATG	TAA	0	0
mORF_-_1525824	1525824	1525886	-	4	63	ATG	TAG	0	0
mORF_-_1525862	1525862	1525933	-	6	72	GTG	TAG	0	0
mORF_-_1525870	1525870	1525881	-	5	12	ATG	TGA	0	0
mORF_-_1525926	1525926	1526213	-	4	288	GTG	TAA	0	0
mORF_-_1525936	1525936	1526094	-	5	159	TTG	TGA	0	0
mORF_-_1525979	1525979	1526104	-	6	126	GTG	TAG	0	0
mORF_-_1526150	1526150	1526284	-	6	135	GTG	TAG	0	0
mORF_-_1526194	1526194	1526280	-	5	87	ATG	TGA	0	0
mORF_-_1526298	1526298	1527491	-	4	1194	TTG	TAA	0	0
mORF_-_1526339	1526339	1526374	-	6	36	ATG	TAG	0	0
mORF_-_1526374	1526374	1526532	-	5	159	GTG	TGA	0	0
mORF_-_1526405	1526405	1526557	-	6	153	ATG	TAG	0	0
mORF_-_1526533	1526533	1526898	-	5	366	GTG	TGA	0	0
mORF_-_1526579	1526579	1526626	-	6	48	ATG	TAG	0	0
mORF_-_1526702	1526702	1526707	-	6	6	GTG	TAG	0	0
mORF_-_1526750	1526750	1527184	-	6	435	GTG	TAG	0	0
mORF_-_1526938	1526938	1527186	-	5	249	GTG	TGA	0	0
mORF_-_1527206	1527206	1527295	-	6	90	TTG	TAA	0	0
mORF_-_1527398	1527398	1527427	-	6	30	GTG	TAG	0	0
mORF_-_1527424	1527424	1527585	-	5	162	TTG	TGA	0	0
mORF_-_1527467	1527467	1527487	-	6	21	ATG	TGA	0	0

mORF_-_1527543	1527543	1527677	-	4	135	ATG	TAG	0	0
mORF_-_1527548	1527548	1527592	-	6	45	ATG	TAA	0	0
mORF_-_1527631	1527631	1527669	-	5	39	TTG	TAG	0	0
mORF_-_1527700	1527700	1527720	-	5	21	TTG	TAG	0	0
mORF_-_1527714	1527714	1527884	-	4	171	TTG	TGA	0	0
mORF_-_1527770	1527770	1527877	-	6	108	GTG	TGA	0	0
mORF_-_1527799	1527799	1527954	-	5	156	TTG	TAA	0	0
mORF_-_1527894	1527894	1527935	-	4	42	TTG	TAA	0	0
mORF_-_1527951	1527951	1527977	-	4	27	ATG	TGA	0	0
mORF_-_1527986	1527986	1528069	-	6	84	TTG	TAA	0	0
mORF_-_1528008	1528008	1528043	-	4	36	ATG	TAA	0	0
mORF_-_1528030	1528030	1528188	-	5	159	GTG	TGA	0	0
mORF_-_1528176	1528176	1528223	-	4	48	TTG	TAA	0	0
mORF_-_1528233	1528233	1528322	-	4	90	TTG	TAA	0	0
mORF_-_1528246	1528246	1528296	-	5	51	TTG	TAA	0	0
mORF_-_1528286	1528286	1528291	-	6	6	TTG	TAG	0	0
mORF_-_1528343	1528343	1528537	-	6	195	ATG	TAA	0	0
mORF_-_1528374	1528374	1528484	-	4	111	TTG	TAA	0	0
mORF_-_1528423	1528423	1528476	-	5	54	ATG	TGA	0	0
mORF_-_1528545	1528545	1528565	-	4	21	TTG	TAA	0	0
mORF_-_1528562	1528562	1528621	-	6	60	TTG	TGA	0	0
mORF_-_1528633	1528633	1529121	-	5	489	ATG	TAA	0	0
mORF_-_1528640	1528640	1528681	-	6	42	ATG	TGA	0	0
mORF_-_1528685	1528685	1528765	-	6	81	ATG	TAA	0	0
mORF_-_1528704	1528704	1528835	-	4	132	GTG	TGA	0	0
mORF_-_1528781	1528781	1528990	-	6	210	ATG	TAG	0	0
mORF_-_1528923	1528923	1529003	-	4	81	ATG	TAA	0	0
mORF_-_1529137	1529137	1529163	-	5	27	TTG	TGA	0	0
mORF_-_1529160	1529160	1529225	-	4	66	ATG	TGA	0	0
mORF_-_1529179	1529179	1529202	-	5	24	TTG	TAA	0	0
mORF_-_1529213	1529213	1529449	-	6	237	ATG	TAA	0	0
mORF_-_1529277	1529277	1529315	-	4	39	GTG	TAA	0	0
mORF_-_1529296	1529296	1529406	-	5	111	ATG	TGA	0	0
mORF_-_1529407	1529407	1529469	-	5	63	TTG	TGA	0	0
mORF_-_1529466	1529466	1529537	-	4	72	ATG	TGA	0	0
mORF_-_1529482	1529482	1529496	-	5	15	GTG	TAG	0	0
mORF_-_1529503	1529503	1529628	-	5	126	GTG	TGA	0	0
mORF_-_1529597	1529597	1529656	-	6	60	ATG	TAG	0	0
mORF_-_1529637	1529637	1529696	-	4	60	GTG	TAA	0	0
mORF_-_1529689	1529689	1529736	-	5	48	TTG	TAA	0	0
mORF_-_1529709	1529709	1529720	-	4	12	GTG	TGA	0	0
mORF_-_1529729	1529729	1529743	-	6	15	ATG	TAG	0	0
mORF_-_1529790	1529790	1529810	-	4	21	TTG	TAA	0	0
mORF_-_1529797	1529797	1529802	-	5	6	GTG	TAA	0	0
mORF_-_1529807	1529807	1529911	-	6	105	ATG	TGA	0	0
mORF_-_1529818	1529818	1529838	-	5	21	TTG	TAA	0	0
mORF_-_1529927	1529927	1530133	-	6	207	ATG	TAG	0	0
mORF_-_1529949	1529949	1529999	-	4	51	GTG	TAA	0	0
mORF_-_1530049	1530049	1530060	-	5	12	ATG	TGA	0	0
mORF_-_1530081	1530081	1530092	-	4	12	TTG	TGA	0	0
mORF_-_1530097	1530097	1530156	-	5	60	ATG	TGA	0	0
mORF_-_1530137	1530137	1530220	-	6	84	ATG	TGA	0	0
mORF_-_1530153	1530153	1530161	-	4	9	TTG	TGA	0	0
mORF_-_1530217	1530217	1530348	-	5	132	GTG	TGA	0	0
mORF_-_1530225	1530225	1530242	-	4	18	TTG	TAA	0	0
mORF_-_1530236	1530236	1530394	-	6	159	TTG	TGA	0	0
mORF_-_1530345	1530345	1530512	-	4	168	TTG	TGA	0	0
mORF_-_1530482	1530482	1530553	-	6	72	ATG	TAA	0	0
mORF_-_1530550	1530550	1530645	-	5	96	ATG	TGA	0	0
mORF_-_1530617	1530617	1530658	-	6	42	TTG	TAA	0	0
mORF_-_1530688	1530688	1530927	-	5	240	ATG	TAA	0	0
mORF_-_1530693	1530693	1530734	-	4	42	TTG	TGA	0	0
mORF_-_1530707	1530707	1530769	-	6	63	GTG	TAA	0	0

mORF_-_1530839	1530839	1530853	-	6	15	GTG	TGA	0	0	
mORF_-_1530947	1530947	1530991	-	6	45	ATG	TGA	0	0	
mORF_-_1530954	1530954	1531055	-	4	102	ATG	TAA	0	0	
mORF_-_1530991	1530991	1531092	-	5	102	ATG	TAA	0	0	
mORF_-_1531010	1531010	1531027	-	6	18	ATG	TAA	0	0	
mORF_-_1531028	1531028	1531033	-	6	6	TTG	TGA	0	0	
mORF_-_1531046	1531046	1531171	-	6	126	ATG	TAA	0	0	
mORF_-_1531092	1531092	1531136	-	4	45	GTG	TAA	0	0	
mORF_-_1531168	1531168	1531200	-	5	33	ATG	TGA	0	0	
mORF_-_1531205	1531205	1531264	-	6	60	TTG	TAG	0	0	
mORF_-_1531236	1531236	1531352	-	4	117	GTG	TAG	0	0	
mORF_-_1531291	1531291	1531299	-	5	9	ATG	TAA	0	0	
mORF_-_1531306	1531306	1531923	-	5	618	TTG	TAA	3	7	pORF_-_1531306
mORF_-_1531353	1531353	1531409	-	4	57	TTG	TAG	0	0	
mORF_-_1531385	1531385	1531576	-	6	192	TTG	TGA	0	0	
mORF_-_1531437	1531437	1531541	-	4	105	TTG	TAG	0	0	
mORF_-_1531554	1531554	1531679	-	4	126	TTG	TGA	0	0	
mORF_-_1531592	1531592	1531621	-	6	30	GTG	TGA	0	0	
mORF_-_1531676	1531676	1531696	-	6	21	ATG	TGA	0	0	
mORF_-_1531707	1531707	1531793	-	4	87	ATG	TAG	0	0	
mORF_-_1531790	1531790	1531969	-	6	180	ATG	TGA	0	0	
mORF_-_1531806	1531806	1531823	-	4	18	ATG	TGA	0	0	
mORF_-_1531827	1531827	1531844	-	4	18	ATG	TAA	0	0	
mORF_-_1531902	1531902	1531985	-	4	84	TTG	TAA	0	0	
mORF_-_1531936	1531936	1531983	-	5	48	GTG	TAA	0	0	
mORF_-_1532003	1532003	1532209	-	6	207	TTG	TAG	0	0	
mORF_-_1532032	1532032	1532058	-	5	27	ATG	TAG	0	0	
mORF_-_1532068	1532068	1532154	-	5	87	ATG	TAG	0	0	
mORF_-_1532106	1532106	1532129	-	4	24	ATG	TGA	0	0	
mORF_-_1532248	1532248	1532478	-	5	231	GTG	TAA	0	0	
mORF_-_1532301	1532301	1532483	-	4	183	GTG	TAA	0	0	
mORF_-_1532351	1532351	1532368	-	6	18	ATG	TAA	0	0	
mORF_-_1532453	1532453	1532734	-	6	282	GTG	TAA	0	0	
mORF_-_1532532	1532532	1532696	-	4	165	GTG	TAA	0	0	
mORF_-_1532596	1532596	1532610	-	5	15	TTG	TAA	0	0	
mORF_-_1532650	1532650	1532703	-	5	54	TTG	TGA	0	0	
mORF_-_1532712	1532712	1532771	-	4	60	ATG	TAA	0	0	
mORF_-_1532719	1532719	1532976	-	5	258	ATG	TAA	0	0	
mORF_-_1532771	1532771	1532824	-	6	54	ATG	TAA	0	0	
mORF_-_1532843	1532843	1532875	-	6	33	GTG	TAA	0	0	
mORF_-_1532900	1532900	1532938	-	6	39	ATG	TGA	0	0	
mORF_-_1532928	1532928	1532942	-	4	15	ATG	TAA	0	0	
mORF_-_1532942	1532942	1532983	-	6	42	TTG	TAA	0	0	
mORF_-_1532976	1532976	1533014	-	4	39	ATG	TGA	0	0	
mORF_-_1532989	1532989	1533882	-	5	894	ATG	TGA	4	27	pORF_-_1532989
mORF_-_1532996	1532996	1533007	-	6	12	ATG	TGA	0	0	
mORF_-_1533024	1533024	1533068	-	4	45	GTG	TGA	0	0	
mORF_-_1533081	1533081	1533089	-	4	9	TTG	TGA	0	0	
mORF_-_1533090	1533090	1533203	-	4	114	ATG	TGA	0	0	
mORF_-_1533128	1533128	1533181	-	6	54	ATG	TAA	0	0	
mORF_-_1533210	1533210	1533311	-	4	102	TTG	TGA	0	0	
mORF_-_1533330	1533330	1533338	-	4	9	ATG	TGA	0	0	
mORF_-_1533390	1533390	1533548	-	4	159	ATG	TGA	0	0	
mORF_-_1533545	1533545	1533670	-	6	126	TTG	TGA	0	0	
mORF_-_1533621	1533621	1533641	-	4	21	ATG	TAG	0	0	
mORF_-_1533651	1533651	1533713	-	4	63	ATG	TAG	0	0	
mORF_-_1533756	1533756	1533857	-	4	102	ATG	TAG	0	0	
mORF_-_1533797	1533797	1533922	-	6	126	TTG	TAA	0	0	
mORF_-_1533942	1533942	1534025	-	4	84	ATG	TAG	0	0	
mORF_-_1533961	1533961	1534641	-	5	681	ATG	TAA	0	0	
mORF_-_1534004	1534004	1534156	-	6	153	TTG	TGA	0	0	
mORF_-_1534098	1534098	1534142	-	4	45	TTG	TAG	0	0	
mORF_-_1534170	1534170	1534184	-	4	15	ATG	TGA	0	0	

mORF_-_1534184	1534184	1534489	-	6	306	ATG	TGA	0	0	
mORF_-_1534248	1534248	1534283	-	4	36	GTG	TGA	0	0	
mORF_-_1534299	1534299	1534331	-	4	33	TTG	TGA	0	0	
mORF_-_1534338	1534338	1534346	-	4	9	GTG	TGA	0	0	
mORF_-_1534491	1534491	1534592	-	4	102	GTG	TGA	0	0	
mORF_-_1534505	1534505	1534750	-	6	246	TTG	TAA	0	0	
mORF_-_1534638	1534638	1535333	-	4	696	ATG	TGA	1	4	pORF_-_1534638
mORF_-_1534726	1534726	1534731	-	5	6	GTG	TGA	0	0	
mORF_-_1534747	1534747	1534776	-	5	30	GTG	TGA	0	0	
mORF_-_1534757	1534757	1534804	-	6	48	ATG	TGA	0	0	
mORF_-_1534820	1534820	1534882	-	6	63	TTG	TAA	0	0	
mORF_-_1534879	1534879	1534896	-	5	18	GTG	TGA	0	0	
mORF_-_1534913	1534913	1534951	-	6	39	ATG	TAA	0	0	
mORF_-_1534978	1534978	1535037	-	5	60	TTG	TGA	0	0	
mORF_-_1534991	1534991	1535158	-	6	168	TTG	TAA	0	0	
mORF_-_1535155	1535155	1535172	-	5	18	ATG	TGA	0	0	
mORF_-_1535200	1535200	1535532	-	5	333	TTG	TAA	0	0	
mORF_-_1535333	1535333	1536877	-	6	1545	ATG	TAA	0	0	
mORF_-_1535409	1535409	1535429	-	4	21	TTG	TAA	0	0	
mORF_-_1535578	1535578	1535595	-	5	18	GTG	TAG	0	0	
mORF_-_1535659	1535659	1535694	-	5	36	GTG	TGA	0	0	
mORF_-_1535695	1535695	1535916	-	5	222	TTG	TGA	0	0	
mORF_-_1535913	1535913	1535993	-	4	81	GTG	TGA	0	0	
mORF_-_1535917	1535917	1535922	-	5	6	ATG	TGA	0	0	
mORF_-_1535956	1535956	1536129	-	5	174	TTG	TGA	0	0	
mORF_-_1536009	1536009	1536107	-	4	99	GTG	TGA	0	0	
mORF_-_1536126	1536126	1536233	-	4	108	ATG	TGA	0	0	
mORF_-_1536208	1536208	1536246	-	5	39	TTG	TAA	0	0	
mORF_-_1536243	1536243	1536332	-	4	90	GTG	TGA	0	0	
mORF_-_1536247	1536247	1536255	-	5	9	TTG	TGA	0	0	
mORF_-_1536349	1536349	1536432	-	5	84	GTG	TGA	0	0	
mORF_-_1536466	1536466	1536492	-	5	27	TTG	TGA	0	0	
mORF_-_1536493	1536493	1536588	-	5	96	TTG	TGA	0	0	
mORF_-_1536625	1536625	1536666	-	5	42	ATG	TAA	0	0	
mORF_-_1536667	1536667	1536729	-	5	63	TTG	TGA	0	0	
mORF_-_1536672	1536672	1536695	-	4	24	GTG	TGA	0	0	
mORF_-_1536753	1536753	1536761	-	4	9	ATG	TAA	0	0	
mORF_-_1536798	1536798	1536833	-	4	36	ATG	TAA	0	0	
mORF_-_1536843	1536843	1536914	-	4	72	ATG	TAA	0	0	
mORF_-_1536874	1536874	1540671	-	5	3798	GTG	TGA	1	0	pORF_-_1536874
mORF_-_1536945	1536945	1537022	-	4	78	TTG	TGA	0	0	
mORF_-_1536989	1536989	1537045	-	6	57	TTG	TAA	0	0	
mORF_-_1537140	1537140	1537157	-	4	18	GTG	TGA	0	0	
mORF_-_1537182	1537182	1537229	-	4	48	TTG	TGA	0	0	
mORF_-_1537233	1537233	1537277	-	4	45	GTG	TGA	0	0	
mORF_-_1537296	1537296	1537310	-	4	15	GTG	TAA	0	0	
mORF_-_1537307	1537307	1537333	-	6	27	ATG	TGA	0	0	
mORF_-_1537347	1537347	1537460	-	4	114	GTG	TGA	0	0	
mORF_-_1537448	1537448	1537513	-	6	66	GTG	TGA	0	0	
mORF_-_1537518	1537518	1537721	-	4	204	ATG	TAA	0	0	
mORF_-_1537601	1537601	1537705	-	6	105	GTG	TAA	0	0	
mORF_-_1537752	1537752	1537781	-	4	30	TTG	TGA	0	0	
mORF_-_1537782	1537782	1537889	-	4	108	TTG	TGA	0	0	
mORF_-_1537847	1537847	1537864	-	6	18	GTG	TGA	0	0	
mORF_-_1537899	1537899	1537961	-	4	63	TTG	TGA	0	0	
mORF_-_1537925	1537925	1537996	-	6	72	ATG	TGA	0	0	
mORF_-_1537986	1537986	1538093	-	4	108	TTG	TGA	0	0	
mORF_-_1538021	1538021	1538026	-	6	6	GTG	TGA	0	0	
mORF_-_1538051	1538051	1538167	-	6	117	GTG	TGA	0	0	
mORF_-_1538307	1538307	1538486	-	4	180	TTG	TGA	0	0	
mORF_-_1538330	1538330	1538350	-	6	21	GTG	TGA	0	0	
mORF_-_1538553	1538553	1538687	-	4	135	TTG	TGA	0	0	
mORF_-_1538688	1538688	1538756	-	4	69	ATG	TGA	0	0	

mORF_-_1538753	1538753	1538920	-	6	168	TTG	TGA	0	0	
mORF_-_1538799	1538799	1538918	-	4	120	GTG	TGA	0	0	
mORF_-_1538958	1538958	1538987	-	4	30	GTG	TGA	0	0	
mORF_-_1539003	1539003	1539224	-	4	222	ATG	TGA	1	3	pORF_-_1539003
mORF_-_1539279	1539279	1539347	-	4	69	ATG	TAA	0	0	
mORF_-_1539344	1539344	1539412	-	6	69	ATG	TGA	0	0	
mORF_-_1539363	1539363	1539440	-	4	78	TTG	TAA	0	0	
mORF_-_1539456	1539456	1539467	-	4	12	GTG	TAG	0	0	
mORF_-_1539476	1539476	1539496	-	6	21	GTG	TAA	0	0	
mORF_-_1539483	1539483	1539524	-	4	42	ATG	TAG	0	0	
mORF_-_1539546	1539546	1539572	-	4	27	ATG	TGA	0	0	
mORF_-_1539675	1539675	1539680	-	4	6	ATG	TGA	0	0	
mORF_-_1539707	1539707	1539742	-	6	36	GTG	TGA	0	0	
mORF_-_1539878	1539878	1539952	-	6	75	TTG	TAA	0	0	
mORF_-_1539969	1539969	1540106	-	4	138	TTG	TAA	0	0	
mORF_-_1540094	1540094	1540252	-	6	159	GTG	TAA	0	0	
mORF_-_1540116	1540116	1540157	-	4	42	GTG	TAA	0	0	
mORF_-_1540194	1540194	1540259	-	4	66	TTG	TGA	0	0	
mORF_-_1540287	1540287	1540352	-	4	66	ATG	TGA	0	0	
mORF_-_1540407	1540407	1540463	-	4	57	GTG	TGA	0	0	
mORF_-_1540457	1540457	1540498	-	6	42	TTG	TAA	0	0	
mORF_-_1540539	1540539	1540562	-	4	24	TTG	TGA	0	0	
mORF_-_1540607	1540607	1540750	-	6	144	TTG	TAA	0	0	
mORF_-_1540611	1540611	1540724	-	4	114	ATG	TGA	0	0	
mORF_-_1540696	1540696	1542126	-	5	1431	TTG	TAA	0	0	
mORF_-_1540737	1540737	1540748	-	4	12	GTG	TGA	0	0	
mORF_-_1540800	1540800	1540922	-	4	123	GTG	TGA	0	0	
mORF_-_1540977	1540977	1540997	-	4	21	GTG	TGA	0	0	
mORF_-_1541013	1541013	1541096	-	4	84	GTG	TGA	0	0	
mORF_-_1541130	1541130	1541204	-	4	75	TTG	TGA	0	0	
mORF_-_1541226	1541226	1541300	-	4	75	TTG	TGA	0	0	
mORF_-_1541313	1541313	1541387	-	4	75	ATG	TGA	0	0	
mORF_-_1541384	1541384	1541443	-	6	60	ATG	TGA	0	0	
mORF_-_1541388	1541388	1541450	-	4	63	ATG	TGA	0	0	
mORF_-_1541463	1541463	1541540	-	4	78	TTG	TGA	0	0	
mORF_-_1541550	1541550	1541555	-	4	6	GTG	TAA	0	0	
mORF_-_1541556	1541556	1541561	-	4	6	GTG	TAA	0	0	
mORF_-_1541571	1541571	1541729	-	4	159	TTG	TAG	0	0	
mORF_-_1541582	1541582	1541746	-	6	165	TTG	TAA	0	0	
mORF_-_1541754	1541754	1541825	-	4	72	GTG	TGA	0	0	
mORF_-_1541768	1541768	1541782	-	6	15	ATG	TAG	0	0	
mORF_-_1541859	1541859	1542071	-	4	213	ATG	TAA	0	0	
mORF_-_1541924	1541924	1541962	-	6	39	TTG	TAG	0	0	
mORF_-_1542068	1542068	1542145	-	6	78	TTG	TGA	0	0	
mORF_-_1542093	1542093	1542131	-	4	39	GTG	TGA	0	0	
mORF_-_1542235	1542235	1542285	-	5	51	TTG	TAA	0	0	
mORF_-_1542275	1542275	1542313	-	6	39	ATG	TAG	0	0	
mORF_-_1542282	1542282	1542320	-	4	39	TTG	TGA	0	0	
mORF_-_1542346	1542346	1542381	-	5	36	GTG	TAA	0	0	
mORF_-_1542357	1542357	1542371	-	4	15	TTG	TAG	0	0	
mORF_-_1542382	1542382	1542420	-	5	39	ATG	TAA	0	0	
mORF_-_1542408	1542408	1542743	-	4	336	ATG	TAG	0	0	
mORF_-_1542509	1542509	1542517	-	6	9	ATG	TAA	0	0	
mORF_-_1542554	1542554	1542640	-	6	87	ATG	TAA	0	0	
mORF_-_1542641	1542641	1542772	-	6	132	ATG	TAG	0	0	
mORF_-_1542724	1542724	1542753	-	5	30	TTG	TAA	0	0	
mORF_-_1542782	1542782	1543738	-	6	957	ATG	TAA	1	3	pORF_-_1542782
mORF_-_1542802	1542802	1542846	-	5	45	TTG	TAA	0	0	
mORF_-_1542901	1542901	1542912	-	5	12	TTG	TGA	0	0	
mORF_-_1542946	1542946	1542960	-	5	15	ATG	TAA	0	0	
mORF_-_1543024	1543024	1543044	-	5	21	ATG	TGA	0	0	
mORF_-_1543057	1543057	1543113	-	5	57	TTG	TAA	0	0	
mORF_-_1543128	1543128	1543163	-	4	36	TTG	TAA	0	0	

mORF_-_1543168	1543168	1543179	-	5	12	TTG	TAG	0	0	
mORF_-_1543183	1543183	1543203	-	5	21	GTG	TAG	0	0	
mORF_-_1543231	1543231	1543254	-	5	24	ATG	TAG	0	0	
mORF_-_1543282	1543282	1543287	-	5	6	ATG	TAA	0	0	
mORF_-_1543306	1543306	1543323	-	5	18	ATG	TAA	0	0	
mORF_-_1543342	1543342	1543395	-	5	54	TTG	TAA	0	0	
mORF_-_1543438	1543438	1543461	-	5	24	TTG	TAA	0	0	
mORF_-_1543465	1543465	1543485	-	5	21	TTG	TGA	0	0	
mORF_-_1543495	1543495	1543533	-	5	39	ATG	TAA	0	0	
mORF_-_1543545	1543545	1543562	-	4	18	TTG	TAA	0	0	
mORF_-_1543549	1543549	1543557	-	5	9	ATG	TAG	0	0	
mORF_-_1543579	1543579	1543596	-	5	18	ATG	TAA	0	0	
mORF_-_1543660	1543660	1543671	-	5	12	TTG	TAA	0	0	
mORF_-_1543735	1543735	1543752	-	5	18	GTG	TGA	0	0	
mORF_-_1543753	1543753	1543761	-	5	9	TTG	TAA	0	0	
mORF_-_1543758	1543758	1543838	-	4	81	TTG	TGA	0	0	
mORF_-_1543762	1543762	1544052	-	5	291	ATG	TGA	15	44	pORF_-_1543762
mORF_-_1543839	1543839	1543970	-	4	132	ATG	TGA	0	0	
mORF_-_1544022	1544022	1544036	-	4	15	TTG	TAA	0	0	
mORF_-_1544067	1544067	1544114	-	4	48	ATG	TAA	0	0	
mORF_-_1544101	1544101	1544127	-	5	27	ATG	TAA	0	0	
mORF_-_1544135	1544135	1544161	-	6	27	TTG	TAA	0	0	
mORF_-_1544284	1544284	1544319	-	5	36	GTG	TAG	0	0	
mORF_-_1544307	1544307	1544498	-	4	192	ATG	TAA	0	0	
mORF_-_1544312	1544312	1545193	-	6	882	ATG	TAA	0	0	
mORF_-_1544362	1544362	1544418	-	5	57	TTG	TGA	0	0	
mORF_-_1544452	1544452	1544511	-	5	60	TTG	TAG	0	0	
mORF_-_1544559	1544559	1544603	-	4	45	GTG	TAG	0	0	
mORF_-_1544617	1544617	1544643	-	5	27	ATG	TAA	0	0	
mORF_-_1544661	1544661	1544678	-	4	18	TTG	TAA	0	0	
mORF_-_1544668	1544668	1544703	-	5	36	TTG	TAA	0	0	
mORF_-_1544722	1544722	1544778	-	5	57	GTG	TGA	0	0	
mORF_-_1544775	1544775	1544792	-	4	18	TTG	TGA	0	0	
mORF_-_1544809	1544809	1544829	-	5	21	TTG	TAG	0	0	
mORF_-_1544830	1544830	1544868	-	5	39	TTG	TGA	0	0	
mORF_-_1544853	1544853	1544891	-	4	39	GTG	TAA	0	0	
mORF_-_1544899	1544899	1544940	-	5	42	ATG	TGA	0	0	
mORF_-_1544944	1544944	1545039	-	5	96	TTG	TAG	0	0	
mORF_-_1545064	1545064	1545117	-	5	54	GTG	TAA	0	0	
mORF_-_1545108	1545108	1545146	-	4	39	GTG	TGA	0	0	
mORF_-_1545219	1545219	1545305	-	4	87	TTG	TAA	0	0	
mORF_-_1545238	1545238	1545246	-	5	9	ATG	TAA	0	0	
mORF_-_1545289	1545289	1545360	-	5	72	TTG	TAG	0	0	
mORF_-_1545320	1545320	1545514	-	6	195	TTG	TAA	0	0	
mORF_-_1545381	1545381	1545425	-	4	45	TTG	TAA	0	0	
mORF_-_1545450	1545450	1545518	-	4	69	GTG	TAA	0	0	
mORF_-_1545535	1545535	1545576	-	5	42	GTG	TAG	0	0	
mORF_-_1545552	1545552	1545629	-	4	78	TTG	TAG	0	0	
mORF_-_1545599	1545599	1546768	-	6	1170	GTG	TAG	0	0	
mORF_-_1545652	1545652	1545657	-	5	6	ATG	TGA	0	0	
mORF_-_1545724	1545724	1545732	-	5	9	TTG	TAA	0	0	
mORF_-_1545751	1545751	1546176	-	5	426	TTG	TAG	0	0	
mORF_-_1545795	1545795	1545812	-	4	18	ATG	TAA	0	0	
mORF_-_1545903	1545903	1546046	-	4	144	ATG	TAG	0	0	
mORF_-_1546092	1546092	1546184	-	4	93	TTG	TAG	0	0	
mORF_-_1546237	1546237	1546266	-	5	30	ATG	TAA	0	0	
mORF_-_1546291	1546291	1546317	-	5	27	TTG	TAG	0	0	
mORF_-_1546336	1546336	1546344	-	5	9	TTG	TAA	0	0	
mORF_-_1546392	1546392	1546634	-	4	243	TTG	TGA	0	0	
mORF_-_1546534	1546534	1546728	-	5	195	ATG	TAG	0	0	
mORF_-_1546695	1546695	1546757	-	4	63	ATG	TAG	0	0	
mORF_-_1546765	1546765	1546776	-	5	12	ATG	TGA	0	0	
mORF_-_1546822	1546822	1546881	-	5	60	GTG	TAA	0	0	

mORF_-_1546838	1546838	1548427	-	6	1590	TTG	TGA	0	0	
mORF_-_1546912	1546912	1546923	-	5	12	TTG	TAG	0	0	
mORF_-_1546960	1546960	1546989	-	5	30	TTG	TAG	0	0	
mORF_-_1547026	1547026	1547073	-	5	48	GTG	TAG	0	0	
mORF_-_1547077	1547077	1547160	-	5	84	ATG	TAA	0	0	
mORF_-_1547467	1547467	1547517	-	5	51	TTG	TAG	0	0	
mORF_-_1547559	1547559	1547624	-	4	66	ATG	TAA	0	0	
mORF_-_1547638	1547638	1547943	-	5	306	TTG	TAG	0	0	
mORF_-_1547781	1547781	1547888	-	4	108	TTG	TGA	0	0	
mORF_-_1547971	1547971	1548000	-	5	30	GTG	TAG	0	0	
mORF_-_1548027	1548027	1548149	-	4	123	ATG	TAG	0	0	
mORF_-_1548106	1548106	1548156	-	5	51	TTG	TAG	0	0	
mORF_-_1548153	1548153	1548161	-	4	9	TTG	TGA	0	0	
mORF_-_1548166	1548166	1548252	-	5	87	TTG	TGA	0	0	
mORF_-_1548261	1548261	1548344	-	4	84	TTG	TAA	0	0	
mORF_-_1548379	1548379	1548537	-	5	159	GTG	TAA	0	0	
mORF_-_1548387	1548387	1548419	-	4	33	TTG	TAG	0	0	
mORF_-_1548449	1548449	1549393	-	6	945	TTG	TAA	0	0	
mORF_-_1548510	1548510	1548524	-	4	15	TTG	TGA	0	0	
mORF_-_1548534	1548534	1548578	-	4	45	TTG	TGA	0	0	
mORF_-_1548559	1548559	1548597	-	5	39	GTG	TAA	0	0	
mORF_-_1548619	1548619	1548648	-	5	30	ATG	TGA	0	0	
mORF_-_1548679	1548679	1548840	-	5	162	ATG	TAA	0	0	
mORF_-_1548729	1548729	1548836	-	4	108	TTG	TAA	0	0	
mORF_-_1548841	1548841	1548885	-	5	45	ATG	TGA	0	0	
mORF_-_1548895	1548895	1549050	-	5	156	TTG	TAA	0	0	
mORF_-_1549123	1549123	1549128	-	5	6	TTG	TAG	0	0	
mORF_-_1549195	1549195	1549287	-	5	93	GTG	TGA	0	0	
mORF_-_1549278	1549278	1549952	-	4	675	ATG	TAA	0	0	
mORF_-_1549309	1549309	1549314	-	5	6	ATG	TAG	0	0	
mORF_-_1549396	1549396	1549563	-	5	168	GTG	TAA	0	0	
mORF_-_1549412	1549412	1549546	-	6	135	ATG	TGA	0	0	
mORF_-_1549592	1549592	1549729	-	6	138	ATG	TGA	0	0	
mORF_-_1549808	1549808	1549858	-	6	51	ATG	TAG	0	0	
mORF_-_1549840	1549840	1549881	-	5	42	ATG	TGA	0	0	
mORF_-_1550029	1550029	1550094	-	5	66	ATG	TAA	0	0	
mORF_-_1550064	1550064	1550078	-	4	15	TTG	TGA	0	0	
mORF_-_1550091	1550091	1550126	-	4	36	ATG	TGA	0	0	
mORF_-_1550116	1550116	1550217	-	5	102	TTG	TAA	0	0	
mORF_-_1550136	1550136	1550186	-	4	51	ATG	TGA	0	0	
mORF_-_1550186	1550186	1550272	-	6	87	ATG	TGA	0	0	
mORF_-_1550242	1550242	1550256	-	5	15	TTG	TGA	0	0	
mORF_-_1550269	1550269	1550304	-	5	36	ATG	TGA	0	0	
mORF_-_1550294	1550294	1550509	-	6	216	GTG	TAA	0	0	
mORF_-_1550314	1550314	1550364	-	5	51	ATG	TGA	0	0	
mORF_-_1550364	1550364	1550456	-	4	93	ATG	TGA	0	0	
mORF_-_1550422	1550422	1550784	-	5	363	ATG	TAA	1	3	pORF_-_1550422
mORF_-_1550580	1550580	1550645	-	4	66	ATG	TGA	0	0	
mORF_-_1550721	1550721	1550753	-	4	33	ATG	TGA	0	0	
mORF_-_1550753	1550753	1550830	-	6	78	ATG	TAA	0	0	
mORF_-_1550766	1550766	1550792	-	4	27	ATG	TAG	0	0	
mORF_-_1550794	1550794	1550868	-	5	75	TTG	TGA	0	0	
mORF_-_1550852	1550852	1551892	-	6	1041	ATG	TAA	9	67	pORF_-_1550852
mORF_-_1550869	1550869	1550883	-	5	15	GTG	TGA	0	0	
mORF_-_1550929	1550929	1550976	-	5	48	TTG	TAG	0	0	
mORF_-_1550992	1550992	1551048	-	5	57	TTG	TAA	0	0	
mORF_-_1551067	1551067	1551126	-	5	60	TTG	TGA	0	0	
mORF_-_1551160	1551160	1551201	-	5	42	TTG	TAA	0	0	
mORF_-_1551265	1551265	1551288	-	5	24	TTG	TAA	0	0	
mORF_-_1551295	1551295	1551465	-	5	171	ATG	TGA	0	0	
mORF_-_1551339	1551339	1551374	-	4	36	GTG	TAA	0	0	
mORF_-_1551399	1551399	1551503	-	4	105	GTG	TAA	0	0	
mORF_-_1551475	1551475	1551627	-	5	153	GTG	TAA	0	0	

mORF_-_1551576	1551576	1551614	-	4	39	GTG	TAA	0	0	
mORF_-_1551640	1551640	1551690	-	5	51	ATG	TAA	0	0	
mORF_-_1551700	1551700	1551762	-	5	63	GTG	TAA	0	0	
mORF_-_1551732	1551732	1551767	-	4	36	GTG	TAA	0	0	
mORF_-_1551775	1551775	1551792	-	5	18	ATG	TGA	0	0	
mORF_-_1551796	1551796	1551849	-	5	54	TTG	TGA	0	0	
mORF_-_1551859	1551859	1551981	-	5	123	GTG	TGA	0	0	
mORF_-_1551914	1551914	1552051	-	6	138	TTG	TAA	0	0	
mORF_-_1551996	1551996	1553720	-	4	1725	ATG	TAA	58	441	pORF_-_1551996
mORF_-_1552082	1552082	1552129	-	6	48	TTG	TGA	0	0	
mORF_-_1552187	1552187	1552222	-	6	36	GTG	TGA	0	0	
mORF_-_1552232	1552232	1552276	-	6	45	GTG	TGA	0	0	
mORF_-_1552309	1552309	1552314	-	5	6	GTG	TAA	0	0	
mORF_-_1552333	1552333	1552344	-	5	12	ATG	TAA	0	0	
mORF_-_1552454	1552454	1552534	-	6	81	TTG	TGA	0	0	
mORF_-_1552550	1552550	1552606	-	6	57	GTG	TAA	0	0	
mORF_-_1552666	1552666	1552773	-	5	108	ATG	TGA	0	0	
mORF_-_1552670	1552670	1552681	-	6	12	TTG	TGA	0	0	
mORF_-_1552754	1552754	1552792	-	6	39	TTG	TGA	0	0	
mORF_-_1552814	1552814	1552825	-	6	12	GTG	TAA	0	0	
mORF_-_1552862	1552862	1552960	-	6	99	TTG	TAA	0	0	
mORF_-_1552891	1552891	1552902	-	5	12	TTG	TAA	0	0	
mORF_-_1552991	1552991	1553230	-	6	240	GTG	TGA	1	3	pORF_-_1552991
mORF_-_1553237	1553237	1553245	-	6	9	TTG	TGA	0	0	
mORF_-_1553246	1553246	1553359	-	6	114	GTG	TGA	0	0	
mORF_-_1553396	1553396	1553407	-	6	12	TTG	TGA	0	0	
mORF_-_1553417	1553417	1553605	-	6	189	GTG	TAA	0	0	
mORF_-_1553458	1553458	1553514	-	5	57	ATG	TAA	0	0	
mORF_-_1553615	1553615	1553698	-	6	84	GTG	TGA	0	0	
mORF_-_1553734	1553734	1553829	-	5	96	ATG	TAA	0	0	
mORF_-_1553748	1553748	1553801	-	4	54	ATG	TAA	0	0	
mORF_-_1553768	1553768	1553812	-	6	45	TTG	TGA	0	0	
mORF_-_1553850	1553850	1553987	-	4	138	ATG	TAA	1	0	pORF_-_1553850
mORF_-_1553891	1553891	1553908	-	6	18	GTG	TAG	0	0	
mORF_-_1553918	1553918	1553956	-	6	39	TTG	TAG	0	0	
mORF_-_1553984	1553984	1554046	-	6	63	GTG	TGA	0	0	
mORF_-_1553989	1553989	1554027	-	5	39	ATG	TAA	0	0	
mORF_-_1554050	1554050	1554082	-	6	33	ATG	TAG	0	0	
mORF_-_1554058	1554058	1554174	-	5	117	TTG	TAG	0	0	
mORF_-_1554089	1554089	1554367	-	6	279	ATG	TAA	0	0	
mORF_-_1554171	1554171	1554179	-	4	9	ATG	TGA	0	0	
mORF_-_1554184	1554184	1554252	-	5	69	ATG	TGA	0	0	
mORF_-_1554252	1554252	1554449	-	4	198	ATG	TAA	0	0	
mORF_-_1554368	1554368	1554379	-	6	12	TTG	TGA	0	0	
mORF_-_1554446	1554446	1554676	-	6	231	GTG	TGA	0	0	
mORF_-_1554475	1554475	1554489	-	5	15	TTG	TAA	0	0	
mORF_-_1554613	1554613	1554816	-	5	204	ATG	TAG	0	0	
mORF_-_1554669	1554669	1554998	-	4	330	ATG	TGA	0	0	
mORF_-_1554755	1554755	1554844	-	6	90	ATG	TAA	0	0	
mORF_-_1554844	1554844	1555164	-	5	321	GTG	TAA	0	0	
mORF_-_1554866	1554866	1554877	-	6	12	ATG	TGA	0	0	
mORF_-_1554932	1554932	1554946	-	6	15	GTG	TAA	0	0	
mORF_-_1554983	1554983	1555012	-	6	30	TTG	TAG	0	0	
mORF_-_1555062	1555062	1555154	-	4	93	GTG	TAA	0	0	
mORF_-_1555136	1555136	1556062	-	6	927	GTG	TAG	0	0	
mORF_-_1555183	1555183	1555317	-	5	135	TTG	TAG	0	0	
mORF_-_1555200	1555200	1555226	-	4	27	TTG	TGA	0	0	
mORF_-_1555281	1555281	1555295	-	4	15	ATG	TAA	0	0	
mORF_-_1555396	1555396	1555401	-	5	6	TTG	TAG	0	0	
mORF_-_1555447	1555447	1555458	-	5	12	ATG	TGA	0	0	
mORF_-_1555468	1555468	1555476	-	5	9	ATG	TGA	0	0	
mORF_-_1555504	1555504	1555572	-	5	69	TTG	TAA	0	0	
mORF_-_1555573	1555573	1555722	-	5	150	GTG	TGA	0	0	

mORF_-_1555731	1555731	1555766	-	4	36	GTG	TAA	0	0	
mORF_-_1555927	1555927	1555998	-	5	72	TTG	TAG	0	0	
mORF_-_1556044	1556044	1556088	-	5	45	TTG	TAA	0	0	
mORF_-_1556055	1556055	1557041	-	4	987	ATG	TGA	2	0	pORF_-_1556055
mORF_-_1556063	1556063	1556116	-	6	54	GTG	TAA	0	0	
mORF_-_1556110	1556110	1556118	-	5	9	GTG	TGA	0	0	
mORF_-_1556123	1556123	1556281	-	6	159	TTG	TGA	0	0	
mORF_-_1556140	1556140	1556166	-	5	27	TTG	TGA	0	0	
mORF_-_1556188	1556188	1556268	-	5	81	ATG	TGA	0	0	
mORF_-_1556321	1556321	1556335	-	6	15	TTG	TGA	0	0	
mORF_-_1556336	1556336	1556350	-	6	15	ATG	TAA	0	0	
mORF_-_1556354	1556354	1556506	-	6	153	TTG	TGA	0	0	
mORF_-_1556365	1556365	1556373	-	5	9	GTG	TAG	0	0	
mORF_-_1556510	1556510	1556542	-	6	33	TTG	TGA	0	0	
mORF_-_1556546	1556546	1556638	-	6	93	TTG	TAA	0	0	
mORF_-_1556644	1556644	1556778	-	5	135	GTG	TAA	0	0	
mORF_-_1556753	1556753	1556812	-	6	60	ATG	TGA	0	0	
mORF_-_1556803	1556803	1556850	-	5	48	TTG	TAA	0	0	
mORF_-_1556879	1556879	1556983	-	6	105	GTG	TGA	0	0	
mORF_-_1556986	1556986	1557180	-	5	195	ATG	TAA	0	0	
mORF_-_1557038	1557038	1557934	-	6	897	ATG	TGA	0	0	
mORF_-_1557099	1557099	1557200	-	4	102	ATG	TAA	0	0	
mORF_-_1557184	1557184	1557231	-	5	48	TTG	TAG	0	0	
mORF_-_1557309	1557309	1557341	-	4	33	TTG	TAA	0	0	
mORF_-_1557331	1557331	1557393	-	5	63	TTG	TGA	0	0	
mORF_-_1557394	1557394	1557447	-	5	54	TTG	TAG	0	0	
mORF_-_1557462	1557462	1557590	-	4	129	ATG	TAA	0	0	
mORF_-_1557502	1557502	1557606	-	5	105	TTG	TGA	0	0	
mORF_-_1557607	1557607	1557624	-	5	18	TTG	TGA	0	0	
mORF_-_1557631	1557631	1557708	-	5	78	TTG	TAG	0	0	
mORF_-_1557745	1557745	1557768	-	5	24	ATG	TAA	0	0	
mORF_-_1557765	1557765	1557863	-	4	99	ATG	TGA	0	0	
mORF_-_1557808	1557808	1557816	-	5	9	TTG	TAA	0	0	
mORF_-_1557853	1557853	1557876	-	5	24	GTG	TGA	0	0	
mORF_-_1557879	1557879	1558031	-	4	153	TTG	TAA	0	0	
mORF_-_1557931	1557931	1558953	-	5	1023	GTG	TGA	0	0	
mORF_-_1557962	1557962	1558201	-	6	240	ATG	TGA	0	0	
mORF_-_1558074	1558074	1558130	-	4	57	ATG	TAG	0	0	
mORF_-_1558176	1558176	1558259	-	4	84	GTG	TGA	0	0	
mORF_-_1558260	1558260	1558301	-	4	42	TTG	TGA	0	0	
mORF_-_1558326	1558326	1558508	-	4	183	TTG	TAA	0	0	
mORF_-_1558545	1558545	1558613	-	4	69	TTG	TAA	0	0	
mORF_-_1558614	1558614	1558853	-	4	240	GTG	TGA	0	0	
mORF_-_1558955	1558955	1560643	-	6	1689	GTG	TAA	9	18	pORF_-_1558955
mORF_-_1558963	1558963	1559010	-	5	48	TTG	TGA	0	0	
mORF_-_1559029	1559029	1559223	-	5	195	TTG	TGA	0	0	
mORF_-_1559233	1559233	1559295	-	5	63	GTG	TGA	0	0	
mORF_-_1559344	1559344	1559391	-	5	48	TTG	TGA	0	0	
mORF_-_1559452	1559452	1559568	-	5	117	GTG	TGA	0	0	
mORF_-_1559457	1559457	1559465	-	4	9	ATG	TAA	0	0	
mORF_-_1559487	1559487	1559525	-	4	39	GTG	TGA	0	0	
mORF_-_1559659	1559659	1559703	-	5	45	ATG	TGA	0	0	
mORF_-_1559722	1559722	1559811	-	5	90	TTG	TGA	0	0	
mORF_-_1559905	1559905	1559970	-	5	66	ATG	TGA	0	0	
mORF_-_1559977	1559977	1560012	-	5	36	ATG	TAA	0	0	
mORF_-_1560061	1560061	1560087	-	5	27	TTG	TGA	0	0	
mORF_-_1560133	1560133	1560147	-	5	15	TTG	TAA	0	0	
mORF_-_1560157	1560157	1560201	-	5	45	ATG	TAA	0	0	
mORF_-_1560201	1560201	1560224	-	4	24	GTG	TAA	0	0	
mORF_-_1560208	1560208	1560294	-	5	87	GTG	TGA	0	0	
mORF_-_1560364	1560364	1560405	-	5	42	TTG	TAA	0	0	
mORF_-_1560406	1560406	1560459	-	5	54	TTG	TGA	0	0	
mORF_-_1560502	1560502	1560555	-	5	54	TTG	TGA	0	0	

mORF_-_1560519	1560519	1561100	-	4	582	ATG	TAA	0	0	
mORF_-_1560565	1560565	1560615	-	5	51	ATG	TGA	0	0	
mORF_-_1560650	1560650	1560658	-	6	9	ATG	TAA	0	0	
mORF_-_1560659	1560659	1560775	-	6	117	GTG	TGA	0	0	
mORF_-_1560782	1560782	1560802	-	6	21	GTG	TGA	0	0	
mORF_-_1560824	1560824	1560898	-	6	75	ATG	TGA	0	0	
mORF_-_1560829	1560829	1560984	-	5	156	TTG	TGA	0	0	
mORF_-_1560905	1560905	1560967	-	6	63	ATG	TGA	0	0	
mORF_-_1561070	1561070	1561078	-	6	9	TTG	TAG	0	0	
mORF_-_1561075	1561075	1561122	-	5	48	TTG	TGA	0	0	
mORF_-_1561142	1561142	1561156	-	6	15	ATG	TAA	0	0	
mORF_-_1561153	1561153	1561296	-	5	144	GTG	TGA	0	0	
mORF_-_1561203	1561203	1561220	-	4	18	ATG	TAA	0	0	
mORF_-_1561214	1561214	1561249	-	6	36	TTG	TGA	0	0	
mORF_-_1561259	1561259	1561318	-	6	60	GTG	TAA	0	0	
mORF_-_1561358	1561358	1563781	-	6	2424	ATG	TGA	0	0	
mORF_-_1561384	1561384	1561473	-	5	90	TTG	TGA	0	0	
mORF_-_1561510	1561510	1561557	-	5	48	TTG	TAA	0	0	
mORF_-_1561545	1561545	1561580	-	4	36	TTG	TGA	0	0	
mORF_-_1561573	1561573	1561602	-	5	30	TTG	TGA	0	0	
mORF_-_1561630	1561630	1561668	-	5	39	ATG	TAG	0	0	
mORF_-_1561669	1561669	1561695	-	5	27	GTG	TAG	0	0	
mORF_-_1561765	1561765	1561803	-	5	39	ATG	TGA	0	0	
mORF_-_1561887	1561887	1561913	-	4	27	TTG	TAG	0	0	
mORF_-_1561900	1561900	1562049	-	5	150	GTG	TAG	0	0	
mORF_-_1562155	1562155	1562274	-	5	120	TTG	TGA	0	0	
mORF_-_1562278	1562278	1562307	-	5	30	TTG	TGA	0	0	
mORF_-_1562311	1562311	1562343	-	5	33	ATG	TAA	0	0	
mORF_-_1562383	1562383	1562505	-	5	123	TTG	TGA	0	0	
mORF_-_1562442	1562442	1562486	-	4	45	GTG	TGA	0	0	
mORF_-_1562506	1562506	1562574	-	5	69	ATG	TGA	0	0	
mORF_-_1562614	1562614	1562988	-	5	375	TTG	TGA	0	0	
mORF_-_1562916	1562916	1562924	-	4	9	TTG	TAA	0	0	
mORF_-_1562940	1562940	1562963	-	4	24	GTG	TGA	0	0	
mORF_-_1563031	1563031	1563102	-	5	72	GTG	TAA	0	0	
mORF_-_1563099	1563099	1563152	-	4	54	ATG	TGA	0	0	
mORF_-_1563202	1563202	1563309	-	5	108	TTG	TGA	0	0	
mORF_-_1563237	1563237	1563278	-	4	42	GTG	TAG	0	0	
mORF_-_1563310	1563310	1563339	-	5	30	TTG	TGA	0	0	
mORF_-_1563376	1563376	1563387	-	5	12	ATG	TAG	0	0	
mORF_-_1563427	1563427	1563444	-	5	18	TTG	TGA	0	0	
mORF_-_1563496	1563496	1563528	-	5	33	GTG	TGA	0	0	
mORF_-_1563577	1563577	1563612	-	5	36	GTG	TGA	0	0	
mORF_-_1563655	1563655	1563666	-	5	12	ATG	TGA	0	0	
mORF_-_1563676	1563676	1563687	-	5	12	GTG	TAA	0	0	
mORF_-_1563691	1563691	1563744	-	5	54	ATG	TGA	0	0	
mORF_-_1563760	1563760	1563849	-	5	90	ATG	TAA	0	0	
mORF_-_1563782	1563782	1565164	-	6	1383	ATG	TAG	1	2	pORF_-_1563782
mORF_-_1563853	1563853	1563924	-	5	72	TTG	TAG	0	0	
mORF_-_1564018	1564018	1564170	-	5	153	TTG	TGA	0	0	
mORF_-_1564125	1564125	1564136	-	4	12	GTG	TAA	0	0	
mORF_-_1564174	1564174	1564215	-	5	42	TTG	TGA	0	0	
mORF_-_1564264	1564264	1564314	-	5	51	GTG	TGA	0	0	
mORF_-_1564459	1564459	1564515	-	5	57	TTG	TAG	0	0	
mORF_-_1564500	1564500	1564508	-	4	9	GTG	TAA	0	0	
mORF_-_1564569	1564569	1564592	-	4	24	ATG	TAA	0	0	
mORF_-_1564606	1564606	1564692	-	5	87	GTG	TAG	0	0	
mORF_-_1564714	1564714	1564734	-	5	21	TTG	TGA	0	0	
mORF_-_1564819	1564819	1564845	-	5	27	TTG	TGA	0	0	
mORF_-_1564861	1564861	1564872	-	5	12	ATG	TAG	0	0	
mORF_-_1564903	1564903	1564965	-	5	63	GTG	TAA	0	0	
mORF_-_1564969	1564969	1564992	-	5	24	ATG	TGA	0	0	
mORF_-_1564996	1564996	1565031	-	5	36	TTG	TGA	0	0	

mORF_-_1565050	1565050	1565136	-	5	87	ATG	TGA	0	0	
mORF_-_1565088	1565088	1565132	-	4	45	GTG	TAA	0	0	
mORF_-_1565148	1565148	1565171	-	4	24	GTG	TAA	0	0	
mORF_-_1565168	1565168	1565173	-	6	6	GTG	TGA	0	0	
mORF_-_1565176	1565176	1565217	-	5	42	TTG	TAA	0	0	
mORF_-_1565202	1565202	1565243	-	4	42	ATG	TGA	0	0	
mORF_-_1565287	1565287	1565301	-	5	15	TTG	TAA	0	0	
mORF_-_1565298	1565298	1565390	-	4	93	ATG	TGA	0	0	
mORF_-_1565342	1565342	1565386	-	6	45	ATG	TAA	0	0	
mORF_-_1565438	1565438	1565449	-	6	12	ATG	TAA	0	0	
mORF_-_1565455	1565455	1565499	-	5	45	GTG	TAA	0	0	
mORF_-_1565468	1565468	1565482	-	6	15	TTG	TAA	0	0	
mORF_-_1565507	1565507	1565512	-	6	6	TTG	TAA	0	0	
mORF_-_1565528	1565528	1566847	-	6	1320	ATG	TAA	0	0	
mORF_-_1565584	1565584	1565634	-	5	51	ATG	TGA	0	0	
mORF_-_1565695	1565695	1566024	-	5	330	TTG	TAG	0	0	
mORF_-_1565760	1565760	1565780	-	4	21	ATG	TAA	0	0	
mORF_-_1565793	1565793	1565870	-	4	78	ATG	TGA	0	0	
mORF_-_1565946	1565946	1565954	-	4	9	GTG	TAA	0	0	
mORF_-_1566025	1566025	1566105	-	5	81	ATG	TAA	0	0	
mORF_-_1566106	1566106	1566159	-	5	54	ATG	TAA	0	0	
mORF_-_1566190	1566190	1566282	-	5	93	ATG	TAG	0	0	
mORF_-_1566385	1566385	1566450	-	5	66	TTG	TGA	0	0	
mORF_-_1566453	1566453	1566497	-	4	45	GTG	TAA	0	0	
mORF_-_1566574	1566574	1566678	-	5	105	GTG	TGA	0	0	
mORF_-_1566736	1566736	1566792	-	5	57	TTG	TGA	0	0	
mORF_-_1566762	1566762	1566767	-	4	6	TTG	TAA	0	0	
mORF_-_1566768	1566768	1566773	-	4	6	GTG	TAG	0	0	
mORF_-_1566817	1566817	1566882	-	5	66	ATG	TAA	0	0	
mORF_-_1566900	1566900	1566923	-	4	24	GTG	TAA	0	0	
mORF_-_1566905	1566905	1566967	-	6	63	ATG	TGA	0	0	
mORF_-_1566958	1566958	1566975	-	5	18	ATG	TAA	0	0	
mORF_-_1566968	1566968	1566994	-	6	27	ATG	TGA	0	0	
mORF_-_1566978	1566978	1568513	-	4	1536	ATG	TAA	6	35	pORF_-_1566978
mORF_-_1566998	1566998	1567231	-	6	234	TTG	TGA	0	0	
mORF_-_1567250	1567250	1567264	-	6	15	TTG	TGA	0	0	
mORF_-_1567280	1567280	1567294	-	6	15	GTG	TGA	0	0	
mORF_-_1567316	1567316	1567375	-	6	60	GTG	TAA	0	0	
mORF_-_1567330	1567330	1567377	-	5	48	GTG	TAA	0	0	
mORF_-_1567409	1567409	1567435	-	6	27	GTG	TGA	0	0	
mORF_-_1567496	1567496	1567510	-	6	15	ATG	TAA	0	0	
mORF_-_1567522	1567522	1567653	-	5	132	GTG	TAA	0	0	
mORF_-_1567559	1567559	1567615	-	6	57	GTG	TAA	0	0	
mORF_-_1567637	1567637	1567672	-	6	36	ATG	TGA	0	0	
mORF_-_1567700	1567700	1567762	-	6	63	TTG	TAA	0	0	
mORF_-_1567832	1567832	1567840	-	6	9	ATG	TGA	0	0	
mORF_-_1567877	1567877	1567894	-	6	18	TTG	TGA	0	0	
mORF_-_1567898	1567898	1567969	-	6	72	GTG	TAG	0	0	
mORF_-_1568000	1568000	1568077	-	6	78	TTG	TGA	0	0	
mORF_-_1568044	1568044	1568100	-	5	57	TTG	TAA	0	0	
mORF_-_1568084	1568084	1568143	-	6	60	ATG	TAA	0	0	
mORF_-_1568140	1568140	1568358	-	5	219	ATG	TGA	0	0	
mORF_-_1568180	1568180	1568335	-	6	156	GTG	TAG	0	0	
mORF_-_1568387	1568387	1568425	-	6	39	ATG	TAG	0	0	
mORF_-_1568450	1568450	1568551	-	6	102	GTG	TAA	0	0	
mORF_-_1568573	1568573	1568581	-	6	9	TTG	TGA	0	0	
mORF_-_1568594	1568594	1568650	-	6	57	GTG	TAG	0	0	
mORF_-_1568659	1568659	1568700	-	5	42	TTG	TAA	0	0	
mORF_-_1568669	1568669	1570138	-	6	1470	TTG	TGA	124	2066	pORF_-_1568669
mORF_-_1568734	1568734	1568772	-	5	39	TTG	TGA	0	0	
mORF_-_1568766	1568766	1568798	-	4	33	GTG	TGA	0	0	
mORF_-_1568809	1568809	1568919	-	5	111	ATG	TGA	0	0	
mORF_-_1568913	1568913	1568936	-	4	24	TTG	TGA	0	0	

mORF_-_1568923	1568923	1569096	-	5	174	TTG	TGA	0	0	
mORF_-_1569097	1569097	1569258	-	5	162	GTG	TAA	0	0	
mORF_-_1569268	1569268	1569420	-	5	153	ATG	TGA	0	0	
mORF_-_1569436	1569436	1569486	-	5	51	TTG	TGA	0	0	
mORF_-_1569487	1569487	1569549	-	5	63	ATG	TGA	0	0	
mORF_-_1569567	1569567	1569596	-	4	30	GTG	TAA	0	0	
mORF_-_1569609	1569609	1569773	-	4	165	TTG	TAA	0	0	
mORF_-_1569658	1569658	1569759	-	5	102	TTG	TGA	0	0	
mORF_-_1569844	1569844	1570017	-	5	174	TTG	TGA	0	0	
mORF_-_1570080	1570080	1570160	-	4	81	TTG	TAA	0	0	
mORF_-_1570175	1570175	1570225	-	6	51	TTG	TAA	0	0	
mORF_-_1570188	1570188	1570301	-	4	114	GTG	TAA	0	0	
mORF_-_1570256	1570256	1570279	-	6	24	ATG	TAA	0	0	
mORF_-_1570316	1570316	1570327	-	6	12	GTG	TAA	0	0	
mORF_-_1570344	1570344	1570358	-	4	15	ATG	TAA	0	0	
mORF_-_1570370	1570370	1570408	-	6	39	TTG	TAA	0	0	
mORF_-_1570431	1570431	1573226	-	4	2796	ATG	TAA	4	7	pORF_-_1570431
mORF_-_1570463	1570463	1570504	-	6	42	ATG	TAA	0	0	
mORF_-_1570523	1570523	1570564	-	6	42	ATG	TGA	0	0	
mORF_-_1570540	1570540	1570548	-	5	9	ATG	TGA	0	0	
mORF_-_1570580	1570580	1570585	-	6	6	TTG	TAA	0	0	
mORF_-_1570595	1570595	1570657	-	6	63	ATG	TAG	0	0	
mORF_-_1570658	1570658	1570672	-	6	15	GTG	TGA	0	0	
mORF_-_1570700	1570700	1570708	-	6	9	ATG	TGA	0	0	
mORF_-_1570718	1570718	1570963	-	6	246	ATG	TAA	0	0	
mORF_-_1570729	1570729	1570749	-	5	21	TTG	TGA	0	0	
mORF_-_1570924	1570924	1570938	-	5	15	GTG	TGA	0	0	
mORF_-_1571069	1571069	1571236	-	6	168	ATG	TAA	0	0	
mORF_-_1571233	1571233	1571319	-	5	87	TTG	TGA	0	0	
mORF_-_1571282	1571282	1571302	-	6	21	ATG	TGA	0	0	
mORF_-_1571417	1571417	1571425	-	6	9	GTG	TGA	0	0	
mORF_-_1571444	1571444	1571461	-	6	18	GTG	TAA	0	0	
mORF_-_1571471	1571471	1571497	-	6	27	TTG	TGA	0	0	
mORF_-_1571561	1571561	1571644	-	6	84	ATG	TAA	0	0	
mORF_-_1571723	1571723	1571836	-	6	114	ATG	TAA	0	0	
mORF_-_1571833	1571833	1571925	-	5	93	GTG	TGA	0	0	
mORF_-_1572005	1572005	1572046	-	6	42	ATG	TGA	0	0	
mORF_-_1572050	1572050	1572115	-	6	66	TTG	TGA	0	0	
mORF_-_1572134	1572134	1572175	-	6	42	ATG	TAA	0	0	
mORF_-_1572176	1572176	1572211	-	6	36	TTG	TAA	0	0	
mORF_-_1572214	1572214	1572312	-	5	99	ATG	TAA	0	0	
mORF_-_1572299	1572299	1572340	-	6	42	ATG	TAG	0	0	
mORF_-_1572386	1572386	1572406	-	6	21	ATG	TGA	0	0	
mORF_-_1572626	1572626	1572643	-	6	18	GTG	TGA	0	0	
mORF_-_1572647	1572647	1572721	-	6	75	GTG	TAG	0	0	
mORF_-_1572652	1572652	1572726	-	5	75	ATG	TAA	0	0	
mORF_-_1572737	1572737	1572745	-	6	9	GTG	TAA	0	0	
mORF_-_1572755	1572755	1572796	-	6	42	GTG	TAG	0	0	
mORF_-_1572784	1572784	1572792	-	5	9	ATG	TAA	0	0	
mORF_-_1572848	1572848	1572922	-	6	75	TTG	TGA	0	0	
mORF_-_1572940	1572940	1572951	-	5	12	ATG	TAA	0	0	
mORF_-_1572980	1572980	1573006	-	6	27	ATG	TAG	0	0	
mORF_-_1573003	1573003	1573047	-	5	45	ATG	TGA	0	0	
mORF_-_1573052	1573052	1573075	-	6	24	ATG	TAA	0	0	
mORF_-_1573085	1573085	1573102	-	6	18	ATG	TGA	0	0	
mORF_-_1573121	1573121	1573153	-	6	33	TTG	TAA	0	0	
mORF_-_1573271	1573271	1575643	-	6	2373	ATG	TAA	2	4	pORF_-_1573271
mORF_-_1573279	1573279	1573386	-	5	108	GTG	TGA	0	0	
mORF_-_1573447	1573447	1573527	-	5	81	TTG	TGA	0	0	
mORF_-_1573542	1573542	1573577	-	4	36	GTG	TAA	0	0	
mORF_-_1573624	1573624	1573725	-	5	102	ATG	TAA	0	0	
mORF_-_1573729	1573729	1573770	-	5	42	TTG	TAA	0	0	
mORF_-_1573786	1573786	1574004	-	5	219	ATG	TAG	0	0	

mORF_-_1574038	1574038	1574118	-	5	81	ATG	TGA	0	0
mORF_-_1574143	1574143	1574163	-	5	21	TTG	TGA	0	0
mORF_-_1574157	1574157	1574174	-	4	18	ATG	TAA	0	0
mORF_-_1574179	1574179	1574229	-	5	51	ATG	TGA	0	0
mORF_-_1574245	1574245	1574361	-	5	117	ATG	TAA	0	0
mORF_-_1574365	1574365	1574451	-	5	87	ATG	TGA	0	0
mORF_-_1574394	1574394	1574402	-	4	9	GTG	TGA	0	0
mORF_-_1574499	1574499	1574543	-	4	45	TTG	TAA	0	0
mORF_-_1574524	1574524	1574748	-	5	225	GTG	TAG	0	0
mORF_-_1574556	1574556	1574570	-	4	15	ATG	TGA	0	0
mORF_-_1574616	1574616	1574681	-	4	66	ATG	TAG	0	0
mORF_-_1574773	1574773	1574802	-	5	30	TTG	TAA	0	0
mORF_-_1574818	1574818	1575051	-	5	234	ATG	TAA	0	0
mORF_-_1575100	1575100	1575144	-	5	45	TTG	TGA	0	0
mORF_-_1575145	1575145	1575192	-	5	48	ATG	TAA	0	0
mORF_-_1575199	1575199	1575282	-	5	84	ATG	TGA	0	0
mORF_-_1575292	1575292	1575321	-	5	30	TTG	TGA	0	0
mORF_-_1575322	1575322	1575351	-	5	30	GTG	TGA	0	0
mORF_-_1575439	1575439	1575492	-	5	54	GTG	TGA	0	0
mORF_-_1575514	1575514	1575537	-	5	24	ATG	TAA	0	0
mORF_-_1575544	1575544	1575609	-	5	66	GTG	TGA	0	0
mORF_-_1575600	1575600	1575611	-	4	12	ATG	TGA	0	0
mORF_-_1575644	1575644	1575778	-	6	135	GTG	TAA	0	0
mORF_-_1575681	1575681	1577366	-	4	1686	ATG	TAA	0	0
mORF_-_1575700	1575700	1575705	-	5	6	TTG	TGA	0	0
mORF_-_1575782	1575782	1575838	-	6	57	TTG	TAG	0	0
mORF_-_1575835	1575835	1575849	-	5	15	ATG	TGA	0	0
mORF_-_1575866	1575866	1575964	-	6	99	TTG	TAA	0	0
mORF_-_1576018	1576018	1576077	-	5	60	TTG	TAA	0	0
mORF_-_1576052	1576052	1576102	-	6	51	GTG	TAA	0	0
mORF_-_1576105	1576105	1576113	-	5	9	GTG	TAA	0	0
mORF_-_1576135	1576135	1576185	-	5	51	ATG	TAA	0	0
mORF_-_1576172	1576172	1576201	-	6	30	ATG	TGA	0	0
mORF_-_1576217	1576217	1576372	-	6	156	ATG	TAG	0	0
mORF_-_1576255	1576255	1576281	-	5	27	TTG	TGA	0	0
mORF_-_1576433	1576433	1576534	-	6	102	TTG	TGA	0	0
mORF_-_1576531	1576531	1576539	-	5	9	GTG	TGA	0	0
mORF_-_1576595	1576595	1576624	-	6	30	ATG	TGA	0	0
mORF_-_1576628	1576628	1576636	-	6	9	TTG	TAA	0	0
mORF_-_1576637	1576637	1576756	-	6	120	GTG	TGA	0	0
mORF_-_1576735	1576735	1576851	-	5	117	TTG	TAA	0	0
mORF_-_1576760	1576760	1576819	-	6	60	TTG	TGA	0	0
mORF_-_1576871	1576871	1576900	-	6	30	TTG	TGA	0	0
mORF_-_1576925	1576925	1577020	-	6	96	TTG	TGA	0	0
mORF_-_1577011	1577011	1577025	-	5	15	GTG	TAA	0	0
mORF_-_1577029	1577029	1577052	-	5	24	ATG	TAA	0	0
mORF_-_1577077	1577077	1577154	-	5	78	TTG	TAA	0	0
mORF_-_1577105	1577105	1577146	-	6	42	TTG	TAA	0	0
mORF_-_1577177	1577177	1577197	-	6	21	ATG	TAA	0	0
mORF_-_1577210	1577210	1577239	-	6	30	TTG	TAA	0	0
mORF_-_1577290	1577290	1577388	-	5	99	ATG	TAA	0	0
mORF_-_1577366	1577366	1577392	-	6	27	TTG	TAA	0	0
mORF_-_1577400	1577400	1577408	-	4	9	TTG	TAG	0	0
mORF_-_1577426	1577426	1577440	-	6	15	ATG	TAA	0	0
mORF_-_1577430	1577430	1577447	-	4	18	TTG	TAA	0	0
mORF_-_1577437	1577437	1577472	-	5	36	ATG	TGA	0	0
mORF_-_1577441	1577441	1577536	-	6	96	GTG	TAA	0	0
mORF_-_1577493	1577493	1577531	-	4	39	ATG	TAG	0	0
mORF_-_1577515	1577515	1577580	-	5	66	GTG	TAG	0	0
mORF_-_1577592	1577592	1577618	-	4	27	ATG	TAA	0	0
mORF_-_1577641	1577641	1577685	-	5	45	ATG	TAA	0	0
mORF_-_1577657	1577657	1578829	-	6	1173	TTG	TAA	0	0
mORF_-_1577737	1577737	1577802	-	5	66	ATG	TGA	0	0

mORF_-_1577769	1577769	1577783	-	4	15	TTG	TAA	0	0	
mORF_-_1577806	1577806	1577862	-	5	57	GTG	TAA	0	0	
mORF_-_1577826	1577826	1577834	-	4	9	TTG	TAA	0	0	
mORF_-_1577853	1577853	1577873	-	4	21	ATG	TAA	0	0	
mORF_-_1577902	1577902	1577913	-	5	12	GTG	TGA	0	0	
mORF_-_1577917	1577917	1578228	-	5	312	TTG	TGA	0	0	
mORF_-_1577940	1577940	1577984	-	4	45	ATG	TAA	0	0	
mORF_-_1578018	1578018	1578047	-	4	30	TTG	TAA	0	0	
mORF_-_1578123	1578123	1578131	-	4	9	ATG	TAA	0	0	
mORF_-_1578289	1578289	1578324	-	5	36	ATG	TAA	0	0	
mORF_-_1578394	1578394	1578516	-	5	123	ATG	TGA	0	0	
mORF_-_1578486	1578486	1578512	-	4	27	ATG	TGA	0	0	
mORF_-_1578520	1578520	1578633	-	5	114	GTG	TGA	0	0	
mORF_-_1578697	1578697	1578768	-	5	72	GTG	TGA	0	0	
mORF_-_1578708	1578708	1578719	-	4	12	ATG	TGA	0	0	
mORF_-_1578765	1578765	1578770	-	4	6	ATG	TGA	0	0	
mORF_-_1578777	1578777	1578782	-	4	6	ATG	TAA	0	0	
mORF_-_1578826	1578826	1578855	-	5	30	ATG	TGA	0	0	
mORF_-_1578866	1578866	1580581	-	6	1716	TTG	TAA	6	13	pORF_-_1578866
mORF_-_1578958	1578958	1579005	-	5	48	TTG	TAA	0	0	
mORF_-_1579060	1579060	1579074	-	5	15	TTG	TAG	0	0	
mORF_-_1579114	1579114	1579209	-	5	96	TTG	TAA	0	0	
mORF_-_1579237	1579237	1579341	-	5	105	TTG	TGA	0	0	
mORF_-_1579372	1579372	1579383	-	5	12	ATG	TGA	0	0	
mORF_-_1579386	1579386	1579415	-	4	30	GTG	TAA	0	0	
mORF_-_1579480	1579480	1579545	-	5	66	ATG	TGA	0	0	
mORF_-_1579582	1579582	1579770	-	5	189	ATG	TAA	0	0	
mORF_-_1579774	1579774	1579977	-	5	204	ATG	TAA	0	0	
mORF_-_1579881	1579881	1579907	-	4	27	ATG	TGA	0	0	
mORF_-_1579977	1579977	1580000	-	4	24	ATG	TAA	0	0	
mORF_-_1580005	1580005	1580028	-	5	24	ATG	TAG	0	0	
mORF_-_1580062	1580062	1580106	-	5	45	TTG	TAA	0	0	
mORF_-_1580131	1580131	1580199	-	5	69	ATG	TAA	0	0	
mORF_-_1580203	1580203	1580244	-	5	42	TTG	TAA	0	0	
mORF_-_1580260	1580260	1580352	-	5	93	ATG	TAG	0	0	
mORF_-_1580359	1580359	1580424	-	5	66	TTG	TGA	0	0	
mORF_-_1580449	1580449	1580475	-	5	27	TTG	TAA	0	0	
mORF_-_1580518	1580518	1580526	-	5	9	GTG	TAA	0	0	
mORF_-_1580572	1580572	1580628	-	5	57	GTG	TAA	0	0	
mORF_-_1580621	1580621	1580728	-	6	108	TTG	TAA	0	0	
mORF_-_1580625	1580625	1580630	-	4	6	ATG	TGA	0	0	
mORF_-_1580646	1580646	1580675	-	4	30	ATG	TAA	0	0	
mORF_-_1580650	1580650	1580688	-	5	39	ATG	TAG	0	0	
mORF_-_1580703	1580703	1580771	-	4	69	TTG	TAA	0	0	
mORF_-_1580752	1580752	1580790	-	5	39	ATG	TAA	0	0	
mORF_-_1580762	1580762	1580842	-	6	81	GTG	TAA	0	0	
mORF_-_1580787	1580787	1580822	-	4	36	ATG	TGA	0	0	
mORF_-_1580839	1580839	1580877	-	5	39	TTG	TGA	0	0	
mORF_-_1580847	1580847	1580855	-	4	9	TTG	TAA	0	0	
mORF_-_1580868	1580868	1580903	-	4	36	ATG	TAG	0	0	
mORF_-_1580904	1580904	1580945	-	4	42	TTG	TAA	0	0	
mORF_-_1580939	1580939	1581007	-	6	69	TTG	TAA	0	0	
mORF_-_1580950	1580950	1581711	-	5	762	ATG	TGA	0	0	
mORF_-_1580958	1580958	1580966	-	4	9	ATG	TAG	0	0	
mORF_-_1580985	1580985	1581104	-	4	120	TTG	TGA	0	0	
mORF_-_1581017	1581017	1581094	-	6	78	ATG	TAA	0	0	
mORF_-_1581132	1581132	1581161	-	4	30	ATG	TGA	0	0	
mORF_-_1581210	1581210	1581242	-	4	33	GTG	TGA	0	0	
mORF_-_1581239	1581239	1581262	-	6	24	ATG	TGA	0	0	
mORF_-_1581276	1581276	1581287	-	4	12	TTG	TGA	0	0	
mORF_-_1581294	1581294	1581320	-	4	27	GTG	TGA	0	0	
mORF_-_1581323	1581323	1581373	-	6	51	TTG	TAA	0	0	
mORF_-_1581327	1581327	1581434	-	4	108	TTG	TAA	0	0	

mORF_-_1581435	1581435	1581473	-	4	39	GTG	TGA	0	0	
mORF_-_1581501	1581501	1581590	-	4	90	TTG	TGA	0	0	
mORF_-_1581515	1581515	1581523	-	6	9	ATG	TAA	0	0	
mORF_-_1581654	1581654	1581677	-	4	24	ATG	TAG	0	0	
mORF_-_1581662	1581662	1581700	-	6	39	TTG	TAA	0	0	
mORF_-_1581721	1581721	1581729	-	5	9	TTG	TAA	0	0	
mORF_-_1581738	1581738	1581758	-	4	21	ATG	TAA	0	0	
mORF_-_1581752	1581752	1581832	-	6	81	TTG	TAA	0	0	
mORF_-_1581786	1581786	1581983	-	4	198	ATG	TGA	0	0	
mORF_-_1581854	1581854	1581865	-	6	12	TTG	TGA	0	0	
mORF_-_1581896	1581896	1581916	-	6	21	TTG	TGA	0	0	
mORF_-_1581965	1581965	1581988	-	6	24	TTG	TGA	0	0	
mORF_-_1582125	1582125	1582160	-	4	36	TTG	TAA	0	0	
mORF_-_1582139	1582139	1582231	-	6	93	ATG	TAA	0	0	
mORF_-_1582144	1582144	1582179	-	5	36	TTG	TAA	0	0	
mORF_-_1582231	1582231	1584510	-	5	2280	ATG	TAA	2	2	pORF_-_1582231
mORF_-_1582245	1582245	1582283	-	4	39	GTG	TAG	0	0	
mORF_-_1582284	1582284	1582304	-	4	21	TTG	TAA	0	0	
mORF_-_1582377	1582377	1582427	-	4	51	TTG	TAA	0	0	
mORF_-_1582433	1582433	1582462	-	6	30	TTG	TAA	0	0	
mORF_-_1582452	1582452	1582481	-	4	30	GTG	TAA	0	0	
mORF_-_1582482	1582482	1582538	-	4	57	ATG	TGA	0	0	
mORF_-_1582662	1582662	1582688	-	4	27	ATG	TGA	0	0	
mORF_-_1582692	1582692	1582781	-	4	90	ATG	TGA	0	0	
mORF_-_1582778	1582778	1582858	-	6	81	GTG	TGA	0	0	
mORF_-_1582806	1582806	1582856	-	4	51	GTG	TAG	0	0	
mORF_-_1582872	1582872	1582877	-	4	6	GTG	TAA	0	0	
mORF_-_1582887	1582887	1582907	-	4	21	ATG	TAA	0	0	
mORF_-_1582911	1582911	1582931	-	4	21	TTG	TGA	0	0	
mORF_-_1582935	1582935	1582967	-	4	33	TTG	TAA	0	0	
mORF_-_1583036	1583036	1583158	-	6	123	ATG	TAA	0	0	
mORF_-_1583070	1583070	1583114	-	4	45	TTG	TAA	0	0	
mORF_-_1583133	1583133	1583336	-	4	204	TTG	TGA	0	0	
mORF_-_1583349	1583349	1583447	-	4	99	ATG	TGA	0	0	
mORF_-_1583453	1583453	1583512	-	6	60	GTG	TGA	0	0	
mORF_-_1583481	1583481	1583627	-	4	147	TTG	TAA	0	0	
mORF_-_1583640	1583640	1583693	-	4	54	GTG	TGA	0	0	
mORF_-_1583718	1583718	1583765	-	4	48	GTG	TGA	0	0	
mORF_-_1583829	1583829	1583867	-	4	39	TTG	TGA	0	0	
mORF_-_1583858	1583858	1583887	-	6	30	GTG	TAA	0	0	
mORF_-_1583877	1583877	1583894	-	4	18	TTG	TAG	0	0	
mORF_-_1583922	1583922	1584110	-	4	189	TTG	TAG	0	0	
mORF_-_1583960	1583960	1583968	-	6	9	GTG	TGA	0	0	
mORF_-_1584135	1584135	1584167	-	4	33	ATG	TAA	0	0	
mORF_-_1584171	1584171	1584251	-	4	81	TTG	TGA	0	0	
mORF_-_1584264	1584264	1584371	-	4	108	TTG	TAA	0	0	
mORF_-_1584311	1584311	1584316	-	6	6	TTG	TGA	0	0	
mORF_-_1584338	1584338	1584358	-	6	21	TTG	TAA	0	0	
mORF_-_1584387	1584387	1584443	-	4	57	ATG	TGA	0	0	
mORF_-_1584447	1584447	1584497	-	4	51	TTG	TAG	0	0	
mORF_-_1584455	1584455	1584469	-	6	15	TTG	TAA	0	0	
mORF_-_1584507	1584507	1584593	-	4	87	ATG	TGA	0	0	
mORF_-_1584515	1584515	1584571	-	6	57	ATG	TAA	0	0	
mORF_-_1584538	1584538	1584564	-	5	27	GTG	TAA	1	0	pORF_-_1584538
mORF_-_1584614	1584614	1584652	-	6	39	TTG	TAG	0	0	
mORF_-_1584631	1584631	1584681	-	5	51	ATG	TAA	0	0	
mORF_-_1584671	1584671	1584688	-	6	18	ATG	TAA	0	0	
mORF_-_1584694	1584694	1584714	-	5	21	TTG	TAA	0	0	
mORF_-_1584711	1584711	1584740	-	4	30	TTG	TGA	0	0	
mORF_-_1584757	1584757	1584822	-	5	66	ATG	TAA	0	0	
mORF_-_1584780	1584780	1584917	-	4	138	ATG	TGA	0	0	
mORF_-_1584791	1584791	1584841	-	6	51	GTG	TAA	0	0	
mORF_-_1584838	1584838	1584843	-	5	6	TTG	TGA	0	0	

mORF_-_1584844	1584844	1585758	-	5	915	ATG	TAA	0	0
mORF_-_1584954	1584954	1585001	-	4	48	ATG	TAA	0	0
mORF_-_1585008	1585008	1585229	-	4	222	ATG	TAA	0	0
mORF_-_1585079	1585079	1585129	-	6	51	TTG	TGA	0	0
mORF_-_1585232	1585232	1585252	-	6	21	GTG	TAA	0	0
mORF_-_1585278	1585278	1585313	-	4	36	TTG	TAG	0	0
mORF_-_1585329	1585329	1585355	-	4	27	TTG	TAA	0	0
mORF_-_1585374	1585374	1585406	-	4	33	TTG	TAA	0	0
mORF_-_1585449	1585449	1585454	-	4	6	ATG	TGA	0	0
mORF_-_1585521	1585521	1585556	-	4	36	ATG	TAA	0	0
mORF_-_1585553	1585553	1585564	-	6	12	TTG	TGA	0	0
mORF_-_1585584	1585584	1585589	-	4	6	TTG	TAG	0	0
mORF_-_1585611	1585611	1585691	-	4	81	TTG	TAA	0	0
mORF_-_1585676	1585676	1585681	-	6	6	TTG	TAA	0	0
mORF_-_1585817	1585817	1586320	-	6	504	ATG	TAA	0	0
mORF_-_1585834	1585834	1585839	-	5	6	ATG	TGA	0	0
mORF_-_1585843	1585843	1585878	-	5	36	ATG	TAA	0	0
mORF_-_1585879	1585879	1585959	-	5	81	ATG	TGA	0	0
mORF_-_1585963	1585963	1585983	-	5	21	ATG	TAA	0	0
mORF_-_1585993	1585993	1586022	-	5	30	ATG	TAG	0	0
mORF_-_1586068	1586068	1586085	-	5	18	TTG	TGA	0	0
mORF_-_1586082	1586082	1586093	-	4	12	TTG	TGA	0	0
mORF_-_1586218	1586218	1586247	-	5	30	ATG	TAG	0	0
mORF_-_1586229	1586229	1586282	-	4	54	TTG	TAA	0	0
mORF_-_1586317	1586317	1586346	-	5	30	TTG	TGA	0	0
mORF_-_1586333	1586333	1586863	-	6	531	ATG	TAA	0	0
mORF_-_1586343	1586343	1586459	-	4	117	GTG	TGA	0	0
mORF_-_1586404	1586404	1586481	-	5	78	ATG	TGA	0	0
mORF_-_1586518	1586518	1586553	-	5	36	ATG	TAG	0	0
mORF_-_1586560	1586560	1586637	-	5	78	GTG	TGA	0	0
mORF_-_1586595	1586595	1586633	-	4	39	ATG	TAA	0	0
mORF_-_1586638	1586638	1586700	-	5	63	GTG	TAA	0	0
mORF_-_1586716	1586716	1586757	-	5	42	ATG	TAG	0	0
mORF_-_1586790	1586790	1586831	-	4	42	ATG	TAG	0	0
mORF_-_1586877	1586877	1588025	-	4	1149	ATG	TAA	0	0
mORF_-_1586903	1586903	1586947	-	6	45	TTG	TGA	0	0
mORF_-_1586962	1586962	1586976	-	5	15	ATG	TAA	0	0
mORF_-_1587011	1587011	1587079	-	6	69	GTG	TGA	0	0
mORF_-_1587116	1587116	1587289	-	6	174	GTG	TAA	0	0
mORF_-_1587320	1587320	1587421	-	6	102	GTG	TAG	0	0
mORF_-_1587422	1587422	1587517	-	6	96	GTG	TGA	0	0
mORF_-_1587572	1587572	1587601	-	6	30	ATG	TGA	0	0
mORF_-_1587632	1587632	1587718	-	6	87	ATG	TGA	0	0
mORF_-_1587667	1587667	1587702	-	5	36	TTG	TAA	0	0
mORF_-_1587718	1587718	1587759	-	5	42	ATG	TAA	0	0
mORF_-_1587782	1587782	1587814	-	6	33	ATG	TGA	0	0
mORF_-_1587815	1587815	1587904	-	6	90	TTG	TAA	0	0
mORF_-_1587920	1587920	1588021	-	6	102	GTG	TAA	0	0
mORF_-_1588022	1588022	1588105	-	6	84	GTG	TGA	0	0
mORF_-_1588051	1588051	1588152	-	5	102	ATG	TAA	0	0
mORF_-_1588113	1588113	1588190	-	4	78	ATG	TAA	0	0
mORF_-_1588154	1588154	1588183	-	6	30	ATG	TAA	0	0
mORF_-_1588192	1588192	1588233	-	5	42	TTG	TAA	0	0
mORF_-_1588196	1588196	1588255	-	6	60	TTG	TAA	0	0
mORF_-_1588242	1588242	1588265	-	4	24	TTG	TGA	0	0
mORF_-_1588259	1588259	1588288	-	6	30	ATG	TAG	0	0
mORF_-_1588278	1588278	1588499	-	4	222	ATG	TAG	0	0
mORF_-_1588298	1588298	1588324	-	6	27	GTG	TAA	0	0
mORF_-_1588358	1588358	1588420	-	6	63	ATG	TAA	0	0
mORF_-_1588381	1588381	1588560	-	5	180	ATG	TAA	0	0
mORF_-_1588500	1588500	1588523	-	4	24	ATG	TGA	0	0
mORF_-_1588520	1588520	1588537	-	6	18	ATG	TGA	0	0
mORF_-_1588578	1588578	1588691	-	4	114	TTG	TAA	0	0

mORF_-_1588621	1588621	1588635	-	5	15	GTG	TAG	0	0	
mORF_-_1588643	1588643	1588867	-	6	225	TTG	TAA	0	0	
mORF_-_1588669	1588669	1588764	-	5	96	GTG	TAG	0	0	
mORF_-_1588740	1588740	1588754	-	4	15	GTG	TAG	0	0	
mORF_-_1588761	1588761	1588772	-	4	12	ATG	TGA	0	0	
mORF_-_1588765	1588765	1588881	-	5	117	GTG	TGA	0	0	
mORF_-_1588854	1588854	1588874	-	4	21	ATG	TAA	0	0	
mORF_-_1588878	1588878	1590257	-	4	1380	ATG	TGA	1	2	pORF_-_1588878
mORF_-_1588901	1588901	1588912	-	6	12	ATG	TAA	0	0	
mORF_-_1588919	1588919	1588936	-	6	18	TTG	TGA	0	0	
mORF_-_1589006	1589006	1589023	-	6	18	GTG	TGA	0	0	
mORF_-_1589024	1589024	1589035	-	6	12	ATG	TGA	0	0	
mORF_-_1589057	1589057	1589287	-	6	231	TTG	TGA	0	0	
mORF_-_1589131	1589131	1589295	-	5	165	GTG	TAA	0	0	
mORF_-_1589312	1589312	1589323	-	6	12	ATG	TGA	0	0	
mORF_-_1589354	1589354	1589401	-	6	48	ATG	TGA	0	0	
mORF_-_1589398	1589398	1589436	-	5	39	GTG	TGA	0	0	
mORF_-_1589405	1589405	1589494	-	6	90	TTG	TGA	0	0	
mORF_-_1589473	1589473	1589484	-	5	12	TTG	TGA	0	0	
mORF_-_1589507	1589507	1589554	-	6	48	ATG	TAG	0	0	
mORF_-_1589555	1589555	1589650	-	6	96	TTG	TGA	0	0	
mORF_-_1589659	1589659	1589700	-	5	42	GTG	TAA	0	0	
mORF_-_1589681	1589681	1589707	-	6	27	ATG	TAA	0	0	
mORF_-_1589711	1589711	1589767	-	6	57	ATG	TAG	0	0	
mORF_-_1589813	1589813	1589827	-	6	15	TTG	TAA	0	0	
mORF_-_1589836	1589836	1589853	-	5	18	ATG	TGA	0	0	
mORF_-_1589897	1589897	1589908	-	6	12	TTG	TGA	0	0	
mORF_-_1589921	1589921	1590091	-	6	171	ATG	TAG	0	0	
mORF_-_1590037	1590037	1590108	-	5	72	GTG	TGA	0	0	
mORF_-_1590101	1590101	1590118	-	6	18	ATG	TAG	0	0	
mORF_-_1590121	1590121	1590183	-	5	63	TTG	TAA	0	0	
mORF_-_1590176	1590176	1590190	-	6	15	TTG	TGA	0	0	
mORF_-_1590193	1590193	1590243	-	5	51	ATG	TAA	0	0	
mORF_-_1590200	1590200	1590484	-	6	285	TTG	TAA	0	0	
mORF_-_1590262	1590262	1590396	-	5	135	ATG	TGA	0	0	
mORF_-_1590415	1590415	1590423	-	5	9	ATG	TGA	0	0	
mORF_-_1590463	1590463	1590471	-	5	9	ATG	TGA	0	0	
mORF_-_1590468	1590468	1590479	-	4	12	GTG	TGA	0	0	
mORF_-_1590487	1590487	1590666	-	5	180	ATG	TAA	0	0	
mORF_-_1590522	1590522	1590539	-	4	18	TTG	TAA	0	0	
mORF_-_1590536	1590536	1590550	-	6	15	GTG	TGA	0	0	
mORF_-_1590563	1590563	1590661	-	6	99	ATG	TAG	0	0	
mORF_-_1590651	1590651	1590674	-	4	24	ATG	TAA	0	0	
mORF_-_1590689	1590689	1592089	-	6	1401	ATG	TAA	0	0	
mORF_-_1590703	1590703	1590744	-	5	42	GTG	TGA	0	0	
mORF_-_1590741	1590741	1590770	-	4	30	GTG	TGA	0	0	
mORF_-_1590745	1590745	1590762	-	5	18	ATG	TAG	0	0	
mORF_-_1590787	1590787	1590840	-	5	54	GTG	TAA	0	0	
mORF_-_1590844	1590844	1590858	-	5	15	ATG	TAG	0	0	
mORF_-_1590865	1590865	1590942	-	5	78	GTG	TGA	0	0	
mORF_-_1590970	1590970	1591014	-	5	45	TTG	TGA	0	0	
mORF_-_1591051	1591051	1591056	-	5	6	GTG	TGA	0	0	
mORF_-_1591099	1591099	1591155	-	5	57	TTG	TGA	0	0	
mORF_-_1591165	1591165	1591347	-	5	183	GTG	TGA	0	0	
mORF_-_1591390	1591390	1591398	-	5	9	TTG	TGA	0	0	
mORF_-_1591422	1591422	1591430	-	4	9	GTG	TAG	0	0	
mORF_-_1591447	1591447	1591461	-	5	15	ATG	TAG	0	0	
mORF_-_1591480	1591480	1591695	-	5	216	TTG	TAA	0	0	
mORF_-_1591491	1591491	1591535	-	4	45	GTG	TGA	0	0	
mORF_-_1591704	1591704	1591748	-	4	45	ATG	TAA	0	0	
mORF_-_1591756	1591756	1591779	-	5	24	ATG	TGA	0	0	
mORF_-_1591837	1591837	1591926	-	5	90	TTG	TGA	0	0	
mORF_-_1592017	1592017	1592025	-	5	9	ATG	TGA	0	0	

mORF_-_1592053	1592053	1592061	-	5	9	ATG	TGA	0	0	
mORF_-_1592086	1592086	1592142	-	5	57	GTG	TGA	0	0	
mORF_-_1592133	1592133	1596110	-	4	3978	ATG	TAA	2	2	pORF_-_1592133
mORF_-_1592168	1592168	1592191	-	6	24	ATG	TGA	0	0	
mORF_-_1592201	1592201	1592269	-	6	69	TTG	TGA	0	0	
mORF_-_1592351	1592351	1592359	-	6	9	GTG	TGA	0	0	
mORF_-_1592381	1592381	1592524	-	6	144	ATG	TGA	0	0	
mORF_-_1592531	1592531	1592536	-	6	6	ATG	TAG	0	0	
mORF_-_1592612	1592612	1592632	-	6	21	TTG	TAA	0	0	
mORF_-_1592645	1592645	1592680	-	6	36	ATG	TAG	0	0	
mORF_-_1592696	1592696	1592752	-	6	57	ATG	TAA	0	0	
mORF_-_1592753	1592753	1592767	-	6	15	GTG	TGA	0	0	
mORF_-_1592771	1592771	1592794	-	6	24	GTG	TGA	0	0	
mORF_-_1592861	1592861	1592881	-	6	21	ATG	TAG	0	0	
mORF_-_1592912	1592912	1593100	-	6	189	ATG	TGA	0	0	
mORF_-_1593113	1593113	1593130	-	6	18	ATG	TGA	0	0	
mORF_-_1593146	1593146	1593283	-	6	138	GTG	TGA	0	0	
mORF_-_1593290	1593290	1593310	-	6	21	TTG	TAA	0	0	
mORF_-_1593326	1593326	1593346	-	6	21	ATG	TGA	0	0	
mORF_-_1593380	1593380	1593406	-	6	27	ATG	TGA	0	0	
mORF_-_1593403	1593403	1593411	-	5	9	GTG	TGA	0	0	
mORF_-_1593449	1593449	1593574	-	6	126	ATG	TAA	0	0	
mORF_-_1593575	1593575	1593607	-	6	33	TTG	TGA	0	0	
mORF_-_1593611	1593611	1593631	-	6	21	GTG	TAA	0	0	
mORF_-_1593701	1593701	1593751	-	6	51	TTG	TGA	0	0	
mORF_-_1593785	1593785	1593808	-	6	24	ATG	TGA	0	0	
mORF_-_1593812	1593812	1593874	-	6	63	TTG	TGA	0	0	
mORF_-_1593878	1593878	1593886	-	6	9	GTG	TAA	0	0	
mORF_-_1593902	1593902	1593928	-	6	27	TTG	TAA	0	0	
mORF_-_1593932	1593932	1594006	-	6	75	ATG	TGA	0	0	
mORF_-_1594010	1594010	1594033	-	6	24	GTG	TGA	0	0	
mORF_-_1594040	1594040	1594180	-	6	141	TTG	TGA	0	0	
mORF_-_1594193	1594193	1594213	-	6	21	GTG	TAG	0	0	
mORF_-_1594214	1594214	1594240	-	6	27	ATG	TAG	0	0	
mORF_-_1594289	1594289	1594330	-	6	42	ATG	TAG	0	0	
mORF_-_1594337	1594337	1594360	-	6	24	ATG	TGA	0	0	
mORF_-_1594367	1594367	1594381	-	6	15	GTG	TAG	0	0	
mORF_-_1594412	1594412	1594420	-	6	9	GTG	TGA	0	0	
mORF_-_1594427	1594427	1594435	-	6	9	GTG	TAG	0	0	
mORF_-_1594505	1594505	1594579	-	6	75	ATG	TAG	0	0	
mORF_-_1594580	1594580	1594642	-	6	63	ATG	TAA	0	0	
mORF_-_1594652	1594652	1594867	-	6	216	TTG	TGA	0	0	
mORF_-_1594774	1594774	1594788	-	5	15	GTG	TAA	0	0	
mORF_-_1594886	1594886	1594912	-	6	27	TTG	TGA	0	0	
mORF_-_1595009	1595009	1595056	-	6	48	GTG	TAG	0	0	
mORF_-_1595053	1595053	1595103	-	5	51	TTG	TGA	0	0	
mORF_-_1595117	1595117	1595131	-	6	15	GTG	TGA	0	0	
mORF_-_1595180	1595180	1595272	-	6	93	ATG	TGA	0	0	
mORF_-_1595273	1595273	1595398	-	6	126	ATG	TGA	0	0	
mORF_-_1595398	1595398	1595415	-	5	18	GTG	TAA	0	0	
mORF_-_1595408	1595408	1595446	-	6	39	ATG	TAA	0	0	
mORF_-_1595513	1595513	1595530	-	6	18	ATG	TAA	0	0	
mORF_-_1595558	1595558	1595584	-	6	27	ATG	TGA	0	0	
mORF_-_1595621	1595621	1595635	-	6	15	ATG	TAA	0	0	
mORF_-_1595660	1595660	1595689	-	6	30	ATG	TGA	0	0	
mORF_-_1595690	1595690	1595779	-	6	90	TTG	TAA	0	0	
mORF_-_1595801	1595801	1595929	-	6	129	GTG	TAA	0	0	
mORF_-_1595945	1595945	1595962	-	6	18	GTG	TAA	0	0	
mORF_-_1596028	1596028	1596087	-	5	60	ATG	TAA	0	0	
mORF_-_1596103	1596103	1596165	-	5	63	ATG	TAG	0	0	
mORF_-_1596107	1596107	1596142	-	6	36	GTG	TGA	0	0	
mORF_-_1596189	1596189	1596281	-	4	93	ATG	TGA	0	0	
mORF_-_1596307	1596307	1596378	-	5	72	TTG	TAG	0	0	

mORF_-_1596314	1596314	1596388	-	6	75	GTG	TAA	0	0	
mORF_-_1596372	1596372	1596428	-	4	57	ATG	TAA	0	0	
mORF_-_1596412	1596412	1596432	-	5	21	ATG	TAA	0	0	
mORF_-_1596474	1596474	1596557	-	4	84	TTG	TAA	0	0	
mORF_-_1596551	1596551	1596598	-	6	48	TTG	TAA	0	0	
mORF_-_1596595	1596595	1596621	-	5	27	ATG	TGA	0	0	
mORF_-_1596618	1596618	1596662	-	4	45	ATG	TGA	0	0	
mORF_-_1596641	1596641	1598233	-	6	1593	ATG	TAG	4	10	pORF_-_1596641
mORF_-_1596673	1596673	1596855	-	5	183	GTG	TGA	0	0	
mORF_-_1596684	1596684	1596722	-	4	39	GTG	TGA	0	0	
mORF_-_1596747	1596747	1596857	-	4	111	ATG	TGA	0	0	
mORF_-_1596859	1596859	1596960	-	5	102	TTG	TAG	0	0	
mORF_-_1596912	1596912	1596932	-	4	21	ATG	TGA	0	0	
mORF_-_1596964	1596964	1597086	-	5	123	TTG	TAG	0	0	
mORF_-_1597011	1597011	1597016	-	4	6	GTG	TAA	0	0	
mORF_-_1597068	1597068	1597073	-	4	6	ATG	TAA	0	0	
mORF_-_1597128	1597128	1597169	-	4	42	GTG	TAA	0	0	
mORF_-_1597225	1597225	1597239	-	5	15	TTG	TAG	0	0	
mORF_-_1597240	1597240	1597266	-	5	27	ATG	TGA	0	0	
mORF_-_1597303	1597303	1597338	-	5	36	ATG	TAA	0	0	
mORF_-_1597344	1597344	1597463	-	4	120	TTG	TAA	0	0	
mORF_-_1597390	1597390	1597446	-	5	57	TTG	TAA	0	0	
mORF_-_1597450	1597450	1597488	-	5	39	TTG	TAG	0	0	
mORF_-_1597540	1597540	1597632	-	5	93	GTG	TAA	0	0	
mORF_-_1597639	1597639	1597647	-	5	9	TTG	TAA	0	0	
mORF_-_1597668	1597668	1597778	-	4	111	TTG	TAA	0	0	
mORF_-_1597723	1597723	1597797	-	5	75	GTG	TGA	0	0	
mORF_-_1597798	1597798	1597956	-	5	159	GTG	TAA	0	0	
mORF_-_1597953	1597953	1598030	-	4	78	GTG	TGA	0	0	
mORF_-_1597996	1597996	1598064	-	5	69	TTG	TAG	0	0	
mORF_-_1598031	1598031	1598036	-	4	6	GTG	TGA	0	0	
mORF_-_1598061	1598061	1598108	-	4	48	GTG	TGA	0	0	
mORF_-_1598152	1598152	1598181	-	5	30	ATG	TGA	0	0	
mORF_-_1598238	1598238	1598309	-	4	72	TTG	TAA	0	0	
mORF_-_1598270	1598270	1598305	-	6	36	ATG	TAG	0	0	
mORF_-_1598312	1598312	1599265	-	6	954	ATG	TAA	1	2	pORF_-_1598312
mORF_-_1598377	1598377	1598427	-	5	51	TTG	TGA	0	0	
mORF_-_1598455	1598455	1598469	-	5	15	TTG	TAA	0	0	
mORF_-_1598470	1598470	1598520	-	5	51	TTG	TGA	0	0	
mORF_-_1598517	1598517	1598693	-	4	177	TTG	TGA	0	0	
mORF_-_1598530	1598530	1598562	-	5	33	TTG	TAG	0	0	
mORF_-_1598566	1598566	1598613	-	5	48	ATG	TAA	0	0	
mORF_-_1598626	1598626	1598655	-	5	30	ATG	TGA	0	0	
mORF_-_1598671	1598671	1598700	-	5	30	ATG	TAG	0	0	
mORF_-_1598704	1598704	1598718	-	5	15	TTG	TAA	0	0	
mORF_-_1598721	1598721	1598768	-	4	48	GTG	TGA	0	0	
mORF_-_1598758	1598758	1598763	-	5	6	GTG	TGA	0	0	
mORF_-_1598794	1598794	1598859	-	5	66	GTG	TGA	0	0	
mORF_-_1598878	1598878	1598901	-	5	24	TTG	TGA	0	0	
mORF_-_1598953	1598953	1598988	-	5	36	TTG	TAG	0	0	
mORF_-_1598998	1598998	1599063	-	5	66	TTG	TGA	0	0	
mORF_-_1599072	1599072	1599197	-	4	126	GTG	TAA	0	0	
mORF_-_1599172	1599172	1599225	-	5	54	GTG	TGA	0	0	
mORF_-_1599222	1599222	1599272	-	4	51	ATG	TGA	0	0	
mORF_-_1599262	1599262	1599348	-	5	87	GTG	TGA	0	0	
mORF_-_1599299	1599299	1599307	-	6	9	TTG	TAA	0	0	
mORF_-_1599312	1599312	1599326	-	4	15	ATG	TGA	0	0	
mORF_-_1599323	1599323	1599379	-	6	57	TTG	TGA	0	0	
mORF_-_1599327	1599327	1599392	-	4	66	TTG	TAA	0	0	
mORF_-_1599358	1599358	1599483	-	5	126	TTG	TAG	0	0	
mORF_-_1599389	1599389	1599433	-	6	45	TTG	TGA	0	0	
mORF_-_1599411	1599411	1599440	-	4	30	GTG	TAG	0	0	
mORF_-_1599458	1599458	1599496	-	6	39	TTG	TAA	0	0	

mORF_-_1599487	1599487	1599519	-	5	33	TTG	TGA	0	0
mORF_-_1599564	1599564	1599602	-	4	39	ATG	TAA	0	0
mORF_-_1599577	1599577	1599633	-	5	57	GTG	TGA	0	0
mORF_-_1599618	1599618	1599734	-	4	117	TTG	TGA	0	0
mORF_-_1599740	1599740	1599850	-	6	111	TTG	TGA	0	0
mORF_-_1599745	1599745	1600107	-	5	363	ATG	TAA	0	0
mORF_-_1599777	1599777	1600208	-	4	432	ATG	TAA	0	0
mORF_-_1600171	1600171	1600260	-	5	90	TTG	TAA	0	0
mORF_-_1600212	1600212	1600421	-	4	210	GTG	TGA	0	0
mORF_-_1600220	1600220	1600324	-	6	105	GTG	TGA	0	0
mORF_-_1600276	1600276	1600299	-	5	24	ATG	TAA	0	0
mORF_-_1600440	1600440	1600508	-	4	69	GTG	TAG	0	0
mORF_-_1600493	1600493	1600561	-	6	69	ATG	TGA	0	0
mORF_-_1600558	1600558	1600710	-	5	153	TTG	TGA	0	0
mORF_-_1600611	1600611	1600658	-	4	48	GTG	TGA	0	0
mORF_-_1600668	1600668	1600760	-	4	93	TTG	TAA	0	0
mORF_-_1600694	1600694	1600723	-	6	30	ATG	TGA	0	0
mORF_-_1600723	1600723	1600962	-	5	240	GTG	TAA	0	0
mORF_-_1600751	1600751	1600867	-	6	117	GTG	TGA	0	0
mORF_-_1600839	1600839	1600859	-	4	21	ATG	TAG	0	0
mORF_-_1600955	1600955	1600969	-	6	15	GTG	TAA	0	0
mORF_-_1601000	1601000	1601044	-	6	45	ATG	TAA	0	0
mORF_-_1601057	1601057	1601158	-	6	102	ATG	TGA	0	0
mORF_-_1601074	1601074	1601196	-	5	123	TTG	TGA	0	0
mORF_-_1601136	1601136	1601177	-	4	42	TTG	TAA	0	0
mORF_-_1601162	1601162	1601458	-	6	297	TTG	TAA	0	0
mORF_-_1601251	1601251	1601304	-	5	54	GTG	TAA	0	0
mORF_-_1601434	1601434	1601556	-	5	123	ATG	TGA	0	0
mORF_-_1601557	1601557	1601700	-	5	144	GTG	TAA	0	0
mORF_-_1601600	1601600	1601608	-	6	9	GTG	TAA	0	0
mORF_-_1601619	1601619	1601636	-	4	18	TTG	TAA	0	0
mORF_-_1601633	1601633	1601893	-	6	261	ATG	TGA	0	0
mORF_-_1601734	1601734	1601775	-	5	42	TTG	TAA	0	0
mORF_-_1601827	1601827	1601901	-	5	75	ATG	TGA	0	0
mORF_-_1601985	1601985	1601996	-	4	12	TTG	TAG	0	0
mORF_-_1602010	1602010	1602027	-	5	18	ATG	TAA	0	0
mORF_-_1602031	1602031	1602069	-	5	39	ATG	TAA	0	0
mORF_-_1602045	1602045	1602110	-	4	66	GTG	TGA	0	0
mORF_-_1602082	1602082	1602291	-	5	210	ATG	TAG	0	0
mORF_-_1602117	1602117	1602143	-	4	27	TTG	TAA	0	0
mORF_-_1602224	1602224	1602313	-	6	90	TTG	TAG	0	0
mORF_-_1602240	1602240	1602365	-	4	126	ATG	TGA	0	0
mORF_-_1602310	1602310	1602381	-	5	72	TTG	TGA	0	0
mORF_-_1602389	1602389	1602655	-	6	267	TTG	TAA	0	0
mORF_-_1602397	1602397	1602435	-	5	39	GTG	TAG	0	0
mORF_-_1602690	1602690	1602779	-	4	90	GTG	TAA	0	0
mORF_-_1602712	1602712	1602843	-	5	132	TTG	TAG	0	0
mORF_-_1602847	1602847	1602882	-	5	36	ATG	TAA	0	0
mORF_-_1602867	1602867	1602938	-	4	72	TTG	TAA	0	0
mORF_-_1602893	1602893	1602922	-	6	30	TTG	TAA	0	0
mORF_-_1602940	1602940	1603086	-	5	147	ATG	TGA	0	0
mORF_-_1602968	1602968	1603018	-	6	51	TTG	TAG	0	0
mORF_-_1603020	1603020	1603076	-	4	57	ATG	TAA	0	0
mORF_-_1603073	1603073	1603081	-	6	9	GTG	TGA	0	0
mORF_-_1603083	1603083	1603214	-	4	132	TTG	TGA	0	0
mORF_-_1603105	1603105	1603395	-	5	291	TTG	TAA	0	0
mORF_-_1603109	1603109	1603132	-	6	24	TTG	TAA	0	0
mORF_-_1603136	1603136	1603168	-	6	33	ATG	TAG	0	0
mORF_-_1603199	1603199	1603222	-	6	24	GTG	TAA	0	0
mORF_-_1603290	1603290	1603319	-	4	30	TTG	TGA	0	0
mORF_-_1603326	1603326	1603391	-	4	66	ATG	TAA	0	0
mORF_-_1603337	1603337	1603378	-	6	42	GTG	TAA	0	0
mORF_-_1603452	1603452	1603457	-	4	6	ATG	TAG	0	0

mORF_-_1603457	1603457	1603555	-	6	99	TTG	TAA	0	0
mORF_-_1603512	1603512	1603535	-	4	24	TTG	TGA	0	0
mORF_-_1603548	1603548	1603640	-	4	93	GTG	TAG	0	0
mORF_-_1603552	1603552	1603620	-	5	69	ATG	TGA	0	0
mORF_-_1603653	1603653	1603850	-	4	198	GTG	TAG	0	0
mORF_-_1603675	1603675	1603680	-	5	6	TTG	TAA	0	0
mORF_-_1603696	1603696	1603887	-	5	192	TTG	TAA	0	0
mORF_-_1603724	1603724	1603762	-	6	39	GTG	TAA	0	0
mORF_-_1603808	1603808	1603936	-	6	129	TTG	TGA	0	0
mORF_-_1603881	1603881	1603964	-	4	84	TTG	TGA	0	0
mORF_-_1603961	1603961	1603993	-	6	33	TTG	TGA	0	0
mORF_-_1604013	1604013	1604084	-	4	72	TTG	TAG	0	0
mORF_-_1604063	1604063	1604104	-	6	42	ATG	TGA	0	0
mORF_-_1604133	1604133	1604180	-	4	48	TTG	TAA	0	0
mORF_-_1604194	1604194	1604238	-	5	45	GTG	TAA	0	0
mORF_-_1604241	1604241	1604366	-	4	126	ATG	TAA	0	0
mORF_-_1604306	1604306	1604425	-	6	120	TTG	TGA	0	0
mORF_-_1604496	1604496	1604723	-	4	228	TTG	TAA	0	0
mORF_-_1604573	1604573	1604584	-	6	12	TTG	TGA	0	0
mORF_-_1604594	1604594	1604656	-	6	63	TTG	TGA	0	0
mORF_-_1604678	1604678	1604731	-	6	54	TTG	TAA	0	0
mORF_-_1604738	1604738	1604788	-	6	51	ATG	TAA	0	0
mORF_-_1604811	1604811	1604948	-	4	138	ATG	TAA	0	0
mORF_-_1604848	1604848	1605033	-	5	186	GTG	TAG	0	0
mORF_-_1605008	1605008	1605100	-	6	93	GTG	TAG	0	0
mORF_-_1605030	1605030	1605035	-	4	6	GTG	TGA	0	0
mORF_-_1605052	1605052	1605126	-	5	75	TTG	TGA	0	0
mORF_-_1605143	1605143	1605232	-	6	90	GTG	TAA	0	0
mORF_-_1605187	1605187	1605225	-	5	39	GTG	TAG	0	0
mORF_-_1605232	1605232	1605327	-	5	96	TTG	TAG	0	0
mORF_-_1605263	1605263	1605649	-	6	387	GTG	TAA	0	0
mORF_-_1605330	1605330	1605629	-	4	300	TTG	TAA	0	0
mORF_-_1605334	1605334	1605339	-	5	6	TTG	TAG	0	0
mORF_-_1605397	1605397	1605402	-	5	6	GTG	TAG	0	0
mORF_-_1605514	1605514	1605636	-	5	123	TTG	TAG	0	0
mORF_-_1605665	1605665	1605676	-	6	12	GTG	TAG	0	0
mORF_-_1605673	1605673	1605714	-	5	42	ATG	TGA	0	0
mORF_-_1605711	1605711	1605794	-	4	84	ATG	TGA	0	0
mORF_-_1605724	1605724	1605924	-	5	201	GTG	TAA	0	0
mORF_-_1605791	1605791	1605937	-	6	147	GTG	TGA	0	0
mORF_-_1605864	1605864	1605914	-	4	51	GTG	TAG	0	0
mORF_-_1605921	1605921	1605968	-	4	48	GTG	TGA	0	0
mORF_-_1605934	1605934	1605939	-	5	6	GTG	TGA	0	0
mORF_-_1605985	1605985	1606065	-	5	81	TTG	TAA	0	0
mORF_-_1606022	1606022	1606090	-	6	69	ATG	TAA	0	0
mORF_-_1606103	1606103	1606135	-	6	33	GTG	TAA	0	0
mORF_-_1606132	1606132	1607097	-	5	966	GTG	TGA	0	0
mORF_-_1606137	1606137	1606187	-	4	51	ATG	TGA	0	0
mORF_-_1606191	1606191	1606247	-	4	57	ATG	TGA	0	0
mORF_-_1606253	1606253	1606456	-	6	204	ATG	TGA	0	0
mORF_-_1606410	1606410	1606529	-	4	120	ATG	TGA	0	0
mORF_-_1606499	1606499	1606552	-	6	54	ATG	TAG	0	0
mORF_-_1606563	1606563	1606604	-	4	42	GTG	TAA	0	0
mORF_-_1606616	1606616	1606792	-	6	177	TTG	TGA	0	0
mORF_-_1606668	1606668	1606709	-	4	42	TTG	TGA	0	0
mORF_-_1606716	1606716	1606721	-	4	6	GTG	TAA	0	0
mORF_-_1606746	1606746	1606775	-	4	30	TTG	TAA	0	0
mORF_-_1606779	1606779	1607042	-	4	264	TTG	TGA	0	0
mORF_-_1607094	1607094	1607105	-	4	12	TTG	TGA	0	0
mORF_-_1607114	1607114	1607119	-	6	6	TTG	TAA	0	0
mORF_-_1607125	1607125	1607163	-	5	39	GTG	TAG	0	0
mORF_-_1607133	1607133	1607156	-	4	24	ATG	TAA	0	0
mORF_-_1607141	1607141	1607317	-	6	177	TTG	TAA	0	0

mORF_-_1607197	1607197	1607259	-	5	63	GTG	TAG	0	0	
mORF_-_1607253	1607253	1608704	-	4	1452	GTG	TAA	1	3	pORF_-_1607253
mORF_-_1607345	1607345	1607383	-	6	39	TTG	TGA	0	0	
mORF_-_1607387	1607387	1607515	-	6	129	TTG	TAG	0	0	
mORF_-_1607612	1607612	1607776	-	6	165	ATG	TGA	0	0	
mORF_-_1607752	1607752	1607766	-	5	15	TTG	TGA	0	0	
mORF_-_1607780	1607780	1607791	-	6	12	GTG	TGA	0	0	
mORF_-_1607792	1607792	1607896	-	6	105	TTG	TAG	0	0	
mORF_-_1607960	1607960	1608187	-	6	228	TTG	TGA	0	0	
mORF_-_1608091	1608091	1608135	-	5	45	GTG	TAA	0	0	
mORF_-_1608188	1608188	1608229	-	6	42	GTG	TGA	0	0	
mORF_-_1608193	1608193	1608213	-	5	21	TTG	TGA	0	0	
mORF_-_1608284	1608284	1608358	-	6	75	TTG	TAA	0	0	
mORF_-_1608386	1608386	1608424	-	6	39	GTG	TGA	0	0	
mORF_-_1608440	1608440	1608475	-	6	36	ATG	TGA	0	0	
mORF_-_1608476	1608476	1608508	-	6	33	ATG	TGA	0	0	
mORF_-_1608518	1608518	1608556	-	6	39	TTG	TGA	0	0	
mORF_-_1608572	1608572	1608589	-	6	18	ATG	TGA	0	0	
mORF_-_1608590	1608590	1608673	-	6	84	GTG	TGA	0	0	
mORF_-_1608637	1608637	1608729	-	5	93	ATG	TGA	0	0	
mORF_-_1608701	1608701	1608706	-	6	6	TTG	TGA	0	0	
mORF_-_1608722	1608722	1608763	-	6	42	TTG	TAA	0	0	
mORF_-_1608757	1608757	1608903	-	5	147	ATG	TAA	0	0	
mORF_-_1608819	1608819	1608845	-	4	27	ATG	TAA	0	0	
mORF_-_1608849	1608849	1608980	-	4	132	ATG	TAA	0	0	
mORF_-_1608878	1608878	1608907	-	6	30	TTG	TGA	0	0	
mORF_-_1608931	1608931	1609878	-	5	948	TTG	TGA	0	0	
mORF_-_1608944	1608944	1609003	-	6	60	GTG	TGA	0	0	
mORF_-_1609020	1609020	1609037	-	4	18	ATG	TGA	0	0	
mORF_-_1609047	1609047	1609079	-	4	33	TTG	TAA	0	0	
mORF_-_1609083	1609083	1609133	-	4	51	TTG	TAA	0	0	
mORF_-_1609158	1609158	1609169	-	4	12	ATG	TAA	0	0	
mORF_-_1609179	1609179	1609268	-	4	90	TTG	TGA	0	0	
mORF_-_1609275	1609275	1609340	-	4	66	TTG	TAA	0	0	
mORF_-_1609283	1609283	1609294	-	6	12	ATG	TAA	0	0	
mORF_-_1609386	1609386	1609397	-	4	12	ATG	TGA	0	0	
mORF_-_1609425	1609425	1609454	-	4	30	TTG	TGA	0	0	
mORF_-_1609464	1609464	1609586	-	4	123	TTG	TAA	0	0	
mORF_-_1609487	1609487	1609510	-	6	24	ATG	TAG	0	0	
mORF_-_1609583	1609583	1609675	-	6	93	GTG	TGA	0	0	
mORF_-_1609587	1609587	1609631	-	4	45	TTG	TGA	0	0	
mORF_-_1609647	1609647	1609673	-	4	27	GTG	TAA	0	0	
mORF_-_1609680	1609680	1609721	-	4	42	TTG	TAA	0	0	
mORF_-_1609725	1609725	1609748	-	4	24	TTG	TAG	0	0	
mORF_-_1609781	1609781	1609825	-	6	45	TTG	TAA	0	0	
mORF_-_1609833	1609833	1609916	-	4	84	TTG	TGA	0	0	
mORF_-_1609898	1609898	1609993	-	6	96	ATG	TGA	0	0	
mORF_-_1609966	1609966	1609986	-	5	21	TTG	TAG	0	0	
mORF_-_1609990	1609990	1610349	-	5	360	ATG	TGA	0	0	
mORF_-_1610001	1610001	1610012	-	4	12	TTG	TGA	0	0	
mORF_-_1610061	1610061	1610228	-	4	168	ATG	TAA	0	0	
mORF_-_1610084	1610084	1610092	-	6	9	GTG	TAA	0	0	
mORF_-_1610093	1610093	1610104	-	6	12	TTG	TAA	0	0	
mORF_-_1610207	1610207	1610263	-	6	57	TTG	TAA	0	0	
mORF_-_1610349	1610349	1611275	-	4	927	GTG	TAA	3	8	pORF_-_1610349
mORF_-_1610378	1610378	1610554	-	6	177	GTG	TGA	0	0	
mORF_-_1610597	1610597	1610650	-	6	54	TTG	TGA	0	0	
mORF_-_1610666	1610666	1610671	-	6	6	GTG	TAG	0	0	
mORF_-_1610720	1610720	1610743	-	6	24	TTG	TGA	0	0	
mORF_-_1610753	1610753	1610791	-	6	39	TTG	TGA	0	0	
mORF_-_1610804	1610804	1610836	-	6	33	GTG	TAG	0	0	
mORF_-_1610882	1610882	1610926	-	6	45	ATG	TAA	0	0	
mORF_-_1610972	1610972	1611055	-	6	84	TTG	TAG	0	0	

mORF_-_1611062	1611062	1611148	-	6	87	TTG	TGA	0	0	
mORF_-_1611167	1611167	1611214	-	6	48	TTG	TAG	0	0	
mORF_-_1611245	1611245	1611418	-	6	174	GTG	TAG	0	0	
mORF_-_1611319	1611319	1611357	-	5	39	GTG	TGA	0	0	
mORF_-_1611339	1611339	1612751	-	4	1413	ATG	TGA	9	24	pORF_-_1611339
mORF_-_1611403	1611403	1611489	-	5	87	ATG	TGA	0	0	
mORF_-_1611425	1611425	1611628	-	6	204	TTG	TGA	0	0	
mORF_-_1611650	1611650	1611826	-	6	177	GTG	TGA	0	0	
mORF_-_1611823	1611823	1611927	-	5	105	ATG	TGA	0	0	
mORF_-_1611842	1611842	1611925	-	6	84	GTG	TGA	0	0	
mORF_-_1611968	1611968	1612003	-	6	36	TTG	TGA	0	0	
mORF_-_1611994	1611994	1612038	-	5	45	ATG	TAA	0	0	
mORF_-_1612043	1612043	1612090	-	6	48	GTG	TGA	0	0	
mORF_-_1612097	1612097	1612114	-	6	18	TTG	TGA	0	0	
mORF_-_1612130	1612130	1612159	-	6	30	ATG	TGA	0	0	
mORF_-_1612160	1612160	1612225	-	6	66	GTG	TGA	0	0	
mORF_-_1612232	1612232	1612294	-	6	63	GTG	TGA	0	0	
mORF_-_1612264	1612264	1612323	-	5	60	GTG	TAA	0	0	
mORF_-_1612298	1612298	1612363	-	6	66	TTG	TGA	0	0	
mORF_-_1612403	1612403	1612438	-	6	36	GTG	TGA	0	0	
mORF_-_1612435	1612435	1612440	-	5	6	GTG	TGA	0	0	
mORF_-_1612505	1612505	1612570	-	6	66	GTG	TGA	0	0	
mORF_-_1612577	1612577	1612678	-	6	102	GTG	TAG	0	0	
mORF_-_1612642	1612642	1612656	-	5	15	GTG	TGA	0	0	
mORF_-_1612691	1612691	1612705	-	6	15	ATG	TAA	0	0	
mORF_-_1612748	1612748	1612813	-	6	66	GTG	TGA	0	0	
mORF_-_1612797	1612797	1612805	-	4	9	GTG	TAA	0	0	
mORF_-_1612806	1612806	1612925	-	4	120	GTG	TAA	0	0	
mORF_-_1612810	1612810	1612905	-	5	96	ATG	TGA	0	0	
mORF_-_1612853	1612853	1612897	-	6	45	TTG	TGA	0	0	
mORF_-_1612990	1612990	1613013	-	5	24	ATG	TAA	0	0	
mORF_-_1613020	1613020	1613037	-	5	18	TTG	TAA	0	0	
mORF_-_1613025	1613025	1613162	-	4	138	TTG	TAG	0	0	
mORF_-_1613047	1613047	1613091	-	5	45	TTG	TAA	0	0	
mORF_-_1613159	1613159	1613191	-	6	33	GTG	TGA	0	0	
mORF_-_1613169	1613169	1613177	-	4	9	TTG	TAA	0	0	
mORF_-_1613181	1613181	1613327	-	4	147	GTG	TGA	0	0	
mORF_-_1613188	1613188	1613565	-	5	378	GTG	TGA	0	0	
mORF_-_1613324	1613324	1613332	-	6	9	GTG	TGA	0	0	
mORF_-_1613361	1613361	1613381	-	4	21	ATG	TGA	0	0	
mORF_-_1613382	1613382	1613399	-	4	18	TTG	TAA	0	0	
mORF_-_1613481	1613481	1613519	-	4	39	ATG	TGA	0	0	
mORF_-_1613537	1613537	1613659	-	6	123	ATG	TAG	0	0	
mORF_-_1613584	1613584	1613595	-	5	12	TTG	TAA	0	0	
mORF_-_1613605	1613605	1613706	-	5	102	TTG	TAA	0	0	
mORF_-_1613660	1613660	1613692	-	6	33	TTG	TAA	0	0	
mORF_-_1613711	1613711	1613812	-	6	102	TTG	TAG	0	0	
mORF_-_1613743	1613743	1613784	-	5	42	TTG	TAG	0	0	
mORF_-_1613806	1613806	1613856	-	5	51	GTG	TGA	0	0	
mORF_-_1613813	1613813	1613980	-	6	168	TTG	TAA	0	0	
mORF_-_1613884	1613884	1613895	-	5	12	GTG	TAA	0	0	
mORF_-_1613896	1613896	1613904	-	5	9	TTG	TAA	0	0	
mORF_-_1613941	1613941	1613955	-	5	15	TTG	TGA	0	0	
mORF_-_1613965	1613965	1613988	-	5	24	ATG	TAA	0	0	
mORF_-_1613993	1613993	1614031	-	6	39	TTG	TGA	0	0	
mORF_-_1614024	1614024	1614080	-	4	57	GTG	TAG	0	0	
mORF_-_1614041	1614041	1614055	-	6	15	GTG	TGA	0	0	
mORF_-_1614056	1614056	1614082	-	6	27	TTG	TAA	0	0	
mORF_-_1614125	1614125	1614193	-	6	69	GTG	TAA	0	0	
mORF_-_1614129	1614129	1614341	-	4	213	ATG	TAA	0	0	
mORF_-_1614157	1614157	1614183	-	5	27	TTG	TAA	0	0	
mORF_-_1614209	1614209	1614295	-	6	87	TTG	TGA	0	0	
mORF_-_1614253	1614253	1614270	-	5	18	TTG	TAA	0	0	

mORF_-_1614292	1614292	1614312	-	5	21	GTG	TGA	0	0
mORF_-_1614353	1614353	1614412	-	6	60	ATG	TAA	0	0
mORF_-_1614423	1614423	1614446	-	4	24	GTG	TAA	0	0
mORF_-_1614443	1614443	1614583	-	6	141	ATG	TGA	0	0
mORF_-_1614478	1614478	1614546	-	5	69	ATG	TGA	0	0
mORF_-_1614510	1614510	1614530	-	4	21	TTG	TAA	0	0
mORF_-_1614546	1614546	1614563	-	4	18	ATG	TAA	0	0
mORF_-_1614600	1614600	1614623	-	4	24	ATG	TAA	0	0
mORF_-_1614626	1614626	1614652	-	6	27	TTG	TGA	0	0
mORF_-_1614657	1614657	1614674	-	4	18	TTG	TAA	0	0
mORF_-_1614668	1614668	1614772	-	6	105	TTG	TGA	0	0
mORF_-_1614676	1614676	1614726	-	5	51	ATG	TAA	0	0
mORF_-_1614726	1614726	1614899	-	4	174	ATG	TAA	0	0
mORF_-_1614769	1614769	1614801	-	5	33	TTG	TGA	0	0
mORF_-_1614809	1614809	1614874	-	6	66	TTG	TGA	0	0
mORF_-_1614847	1614847	1614855	-	5	9	GTG	TGA	0	0
mORF_-_1614856	1614856	1614975	-	5	120	GTG	TAG	0	0
mORF_-_1614972	1614972	1614992	-	4	21	GTG	TGA	0	0
mORF_-_1614989	1614989	1615033	-	6	45	TTG	TGA	0	0
mORF_-_1615012	1615012	1615167	-	5	156	ATG	TGA	0	0
mORF_-_1615050	1615050	1615061	-	4	12	TTG	TAA	0	0
mORF_-_1615088	1615088	1615189	-	6	102	TTG	TAG	0	0
mORF_-_1615180	1615180	1615185	-	5	6	ATG	TGA	0	0
mORF_-_1615195	1615195	1615218	-	5	24	ATG	TGA	0	0
mORF_-_1615206	1615206	1615247	-	4	42	ATG	TGA	0	0
mORF_-_1615270	1615270	1615692	-	5	423	ATG	TGA	0	0
mORF_-_1615289	1615289	1615396	-	6	108	ATG	TAA	0	0
mORF_-_1615368	1615368	1615394	-	4	27	GTG	TGA	0	0
mORF_-_1615413	1615413	1615493	-	4	81	GTG	TAA	0	0
mORF_-_1615605	1615605	1615682	-	4	78	ATG	TAA	0	0
mORF_-_1615619	1615619	1615636	-	6	18	ATG	TAA	0	0
mORF_-_1615693	1615693	1615719	-	5	27	GTG	TAA	0	0
mORF_-_1615700	1615700	1615762	-	6	63	TTG	TAA	0	0
mORF_-_1615716	1615716	1615736	-	4	21	ATG	TGA	0	0
mORF_-_1615726	1615726	1615731	-	5	6	GTG	TAA	0	0
mORF_-_1615741	1615741	1615827	-	5	87	ATG	TAG	0	0
mORF_-_1615776	1615776	1615799	-	4	24	ATG	TGA	0	0
mORF_-_1615827	1615827	1615919	-	4	93	ATG	TAA	0	0
mORF_-_1615861	1615861	1616073	-	5	213	ATG	TGA	0	0
mORF_-_1615925	1615925	1615951	-	6	27	GTG	TAA	0	0
mORF_-_1616013	1616013	1616033	-	4	21	GTG	TAA	0	0
mORF_-_1616060	1616060	1616128	-	6	69	GTG	TAG	0	0
mORF_-_1616076	1616076	1616192	-	4	117	TTG	TAA	0	0
mORF_-_1616149	1616149	1616319	-	5	171	GTG	TAA	0	0
mORF_-_1616189	1616189	1616239	-	6	51	TTG	TGA	0	0
mORF_-_1616196	1616196	1616255	-	4	60	ATG	TAA	0	0
mORF_-_1616267	1616267	1616932	-	6	666	ATG	TAA	0	0
mORF_-_1616301	1616301	1616327	-	4	27	ATG	TAA	0	0
mORF_-_1616344	1616344	1616370	-	5	27	GTG	TGA	0	0
mORF_-_1616361	1616361	1616474	-	4	114	TTG	TGA	0	0
mORF_-_1616446	1616446	1616460	-	5	15	TTG	TGA	0	0
mORF_-_1616527	1616527	1616637	-	5	111	TTG	TAG	0	0
mORF_-_1616686	1616686	1616727	-	5	42	TTG	TAA	0	0
mORF_-_1616767	1616767	1616778	-	5	12	TTG	TGA	0	0
mORF_-_1616797	1616797	1616823	-	5	27	GTG	TGA	0	0
mORF_-_1616827	1616827	1616847	-	5	21	TTG	TGA	0	0
mORF_-_1616878	1616878	1616910	-	5	33	TTG	TAG	0	0
mORF_-_1616926	1616926	1617003	-	5	78	GTG	TAG	0	0
mORF_-_1616963	1616963	1616989	-	6	27	TTG	TGA	0	0
mORF_-_1617007	1617007	1617054	-	5	48	TTG	TAA	0	0
mORF_-_1617011	1617011	1617064	-	6	54	ATG	TAG	0	0
mORF_-_1617048	1617048	1617080	-	4	33	ATG	TAA	0	0
mORF_-_1617068	1617068	1617076	-	6	9	ATG	TGA	0	0

mORF_-_1617086	1617086	1617118	-	6	33	TTG	TAA	0	0
mORF_-_1617106	1617106	1617138	-	5	33	TTG	TAA	0	0
mORF_-_1617119	1617119	1617169	-	6	51	TTG	TAG	0	0
mORF_-_1617175	1617175	1617183	-	5	9	ATG	TAA	0	0
mORF_-_1617192	1617192	1617482	-	4	291	TTG	TAA	0	0
mORF_-_1617209	1617209	1617448	-	6	240	GTG	TGA	0	0
mORF_-_1617256	1617256	1617267	-	5	12	GTG	TAA	0	0
mORF_-_1617307	1617307	1617354	-	5	48	GTG	TAA	0	0
mORF_-_1617442	1617442	1617546	-	5	105	GTG	TAA	0	0
mORF_-_1617483	1617483	1617506	-	4	24	TTG	TAA	0	0
mORF_-_1617510	1617510	1617629	-	4	120	ATG	TAA	0	0
mORF_-_1617559	1617559	1617633	-	5	75	ATG	TAA	0	0
mORF_-_1617623	1617623	1617679	-	6	57	GTG	TAA	0	0
mORF_-_1617630	1617630	1617659	-	4	30	TTG	TGA	0	0
mORF_-_1617691	1617691	1617753	-	5	63	ATG	TGA	0	0
mORF_-_1617705	1617705	1617713	-	4	9	TTG	TAA	0	0
mORF_-_1617734	1617734	1617757	-	6	24	ATG	TAA	0	0
mORF_-_1617750	1617750	1617770	-	4	21	ATG	TGA	0	0
mORF_-_1617757	1617757	1617912	-	5	156	ATG	TAA	0	0
mORF_-_1617831	1617831	1617887	-	4	57	TTG	TAG	0	0
mORF_-_1617884	1617884	1617961	-	6	78	ATG	TGA	0	0
mORF_-_1617891	1617891	1617929	-	4	39	TTG	TAA	0	0
mORF_-_1617952	1617952	1617957	-	5	6	ATG	TAA	0	0
mORF_-_1617961	1617961	1618113	-	5	153	TTG	TAA	0	0
mORF_-_1617969	1617969	1617974	-	4	6	TTG	TAA	0	0
mORF_-_1617999	1617999	1618010	-	4	12	TTG	TGA	0	0
mORF_-_1618011	1618011	1618034	-	4	24	TTG	TGA	0	0
mORF_-_1618025	1618025	1618144	-	6	120	GTG	TGA	0	0
mORF_-_1618098	1618098	1618148	-	4	51	GTG	TAA	0	0
mORF_-_1618157	1618157	1618222	-	6	66	GTG	TAA	0	0
mORF_-_1618162	1618162	1618167	-	5	6	ATG	TGA	0	0
mORF_-_1618224	1618224	1618250	-	4	27	ATG	TAG	0	0
mORF_-_1618262	1618262	1619182	-	6	921	ATG	TAA	0	0
mORF_-_1618276	1618276	1618308	-	5	33	ATG	TAA	0	0
mORF_-_1618284	1618284	1618292	-	4	9	GTG	TAA	0	0
mORF_-_1618324	1618324	1618341	-	5	18	GTG	TGA	0	0
mORF_-_1618360	1618360	1618389	-	5	30	GTG	TAA	0	0
mORF_-_1618402	1618402	1618497	-	5	96	TTG	TAG	0	0
mORF_-_1618555	1618555	1618572	-	5	18	ATG	TGA	0	0
mORF_-_1618579	1618579	1618593	-	5	15	TTG	TGA	0	0
mORF_-_1618639	1618639	1618692	-	5	54	GTG	TGA	0	0
mORF_-_1618674	1618674	1618700	-	4	27	TTG	TAA	0	0
mORF_-_1618720	1618720	1618746	-	5	27	ATG	TGA	0	0
mORF_-_1618771	1618771	1618788	-	5	18	TTG	TAA	0	0
mORF_-_1618795	1618795	1618953	-	5	159	TTG	TAG	0	0
mORF_-_1618920	1618920	1618931	-	4	12	TTG	TAA	0	0
mORF_-_1618963	1618963	1618971	-	5	9	ATG	TAA	0	0
mORF_-_1618987	1618987	1619013	-	5	27	TTG	TGA	0	0
mORF_-_1619062	1619062	1619103	-	5	42	TTG	TGA	0	0
mORF_-_1619076	1619076	1619117	-	4	42	ATG	TAA	0	0
mORF_-_1619125	1619125	1619148	-	5	24	ATG	TAG	0	0
mORF_-_1619163	1619163	1619195	-	4	33	TTG	TAG	0	0
mORF_-_1619179	1619179	1619199	-	5	21	TTG	TGA	0	0
mORF_-_1619236	1619236	1619298	-	5	63	ATG	TAA	0	0
mORF_-_1619247	1619247	1619258	-	4	12	ATG	TAA	0	0
mORF_-_1619300	1619300	1619341	-	6	42	GTG	TAG	0	0
mORF_-_1619308	1619308	1619355	-	5	48	TTG	TAA	0	0
mORF_-_1619316	1619316	1619450	-	4	135	ATG	TAG	0	0
mORF_-_1619429	1619429	1619440	-	6	12	ATG	TAG	0	0
mORF_-_1619441	1619441	1619506	-	6	66	TTG	TAA	0	0
mORF_-_1619493	1619493	1619570	-	4	78	TTG	TAA	0	0
mORF_-_1619531	1619531	1619593	-	6	63	TTG	TAA	0	0
mORF_-_1619577	1619577	1619672	-	4	96	ATG	TAG	0	0

mORF_-_1619682	1619682	1619765	-	4	84	TTG	TAG	0	0	
mORF_-_1619696	1619696	1619761	-	6	66	TTG	TAG	0	0	
mORF_-_1619766	1619766	1619888	-	4	123	ATG	TAG	0	0	
mORF_-_1619776	1619776	1619892	-	5	117	TTG	TAG	0	0	
mORF_-_1619889	1619889	1620296	-	4	408	ATG	TGA	0	0	
mORF_-_1619918	1619918	1619977	-	6	60	GTG	TGA	0	0	
mORF_-_1619962	1619962	1619967	-	5	6	TTG	TAA	0	0	
mORF_-_1619987	1619987	1620046	-	6	60	GTG	TAA	0	0	
mORF_-_1620043	1620043	1620138	-	5	96	TTG	TGA	0	0	
mORF_-_1620265	1620265	1620330	-	5	66	ATG	TGA	0	0	
mORF_-_1620357	1620357	1620557	-	4	201	GTG	TAG	0	0	
mORF_-_1620398	1620398	1620406	-	6	9	ATG	TAA	0	0	
mORF_-_1620473	1620473	1620514	-	6	42	TTG	TGA	0	0	
mORF_-_1620545	1620545	1620559	-	6	15	TTG	TAA	0	0	
mORF_-_1620572	1620572	1620649	-	6	78	GTG	TGA	0	0	
mORF_-_1620583	1620583	1620666	-	5	84	TTG	TAA	0	0	
mORF_-_1620624	1620624	1620752	-	4	129	TTG	TAA	0	0	
mORF_-_1620715	1620715	1620786	-	5	72	GTG	TAA	0	0	
mORF_-_1620743	1620743	1620817	-	6	75	TTG	TGA	0	0	
mORF_-_1620802	1620802	1620879	-	5	78	ATG	TAA	0	0	
mORF_-_1620830	1620830	1620946	-	6	117	GTG	TAA	0	0	
mORF_-_1620901	1620901	1620966	-	5	66	TTG	TAA	0	0	
mORF_-_1620906	1620906	1620926	-	4	21	GTG	TAG	0	0	
mORF_-_1620984	1620984	1621880	-	4	897	GTG	TAA	0	0	
mORF_-_1620998	1620998	1621087	-	6	90	ATG	TGA	0	0	
mORF_-_1621115	1621115	1621120	-	6	6	GTG	TGA	0	0	
mORF_-_1621127	1621127	1621168	-	6	42	ATG	TGA	0	0	
mORF_-_1621171	1621171	1621209	-	5	39	ATG	TAA	0	0	
mORF_-_1621178	1621178	1621285	-	6	108	GTG	TAG	0	0	
mORF_-_1621282	1621282	1621293	-	5	12	TTG	TGA	0	0	
mORF_-_1621325	1621325	1621330	-	6	6	ATG	TAG	0	0	
mORF_-_1621337	1621337	1621378	-	6	42	TTG	TAA	0	0	
mORF_-_1621403	1621403	1621447	-	6	45	TTG	TGA	0	0	
mORF_-_1621472	1621472	1621480	-	6	9	ATG	TGA	0	0	
mORF_-_1621523	1621523	1621597	-	6	75	TTG	TAA	0	0	
mORF_-_1621607	1621607	1621621	-	6	15	GTG	TAA	0	0	
mORF_-_1621652	1621652	1621729	-	6	78	ATG	TAA	0	0	
mORF_-_1621699	1621699	1621722	-	5	24	GTG	TGA	0	0	
mORF_-_1621745	1621745	1621765	-	6	21	ATG	TAA	0	0	
mORF_-_1621756	1621756	1621803	-	5	48	GTG	TAA	0	0	
mORF_-_1621793	1621793	1621816	-	6	24	ATG	TGA	0	0	
mORF_-_1621835	1621835	1621852	-	6	18	TTG	TAA	0	0	
mORF_-_1621871	1621871	1621891	-	6	21	GTG	TGA	0	0	
mORF_-_1621912	1621912	1621929	-	5	18	TTG	TAG	0	0	
mORF_-_1621932	1621932	1621949	-	4	18	ATG	TAA	0	0	
mORF_-_1621946	1621946	1621972	-	6	27	ATG	TGA	0	0	
mORF_-_1621969	1621969	1621986	-	5	18	ATG	TGA	0	0	
mORF_-_1621993	1621993	1622001	-	5	9	TTG	TAA	0	0	
mORF_-_1622004	1622004	1622084	-	4	81	TTG	TGA	0	0	
mORF_-_1622036	1622036	1622077	-	6	42	ATG	TAA	0	0	
mORF_-_1622047	1622047	1622070	-	5	24	TTG	TAA	0	0	
mORF_-_1622105	1622105	1622113	-	6	9	ATG	TGA	0	0	
mORF_-_1622113	1622113	1622190	-	5	78	GTG	TGA	0	0	
mORF_-_1622129	1622129	1622521	-	6	393	ATG	TAA	1	2	pORF_-_1622129
mORF_-_1622200	1622200	1622265	-	5	66	GTG	TGA	0	0	
mORF_-_1622311	1622311	1622367	-	5	57	TTG	TGA	0	0	
mORF_-_1622371	1622371	1622406	-	5	36	ATG	TGA	0	0	
mORF_-_1622410	1622410	1622439	-	5	30	ATG	TAG	0	0	
mORF_-_1622446	1622446	1622487	-	5	42	TTG	TAA	0	0	
mORF_-_1622497	1622497	1622505	-	5	9	TTG	TAG	0	0	
mORF_-_1622523	1622523	1622615	-	4	93	ATG	TAG	0	0	
mORF_-_1622554	1622554	1622601	-	5	48	TTG	TAA	0	0	
mORF_-_1622573	1622573	1622629	-	6	57	TTG	TAA	0	0	

mORF_-_1622605	1622605	1622640	-	5	36	TTG	TAA	0	0	
mORF_-_1622654	1622654	1622662	-	6	9	GTG	TAA	0	0	
mORF_-_1622668	1622668	1622892	-	5	225	TTG	TAA	0	0	
mORF_-_1622732	1622732	1622761	-	6	30	TTG	TAA	0	0	
mORF_-_1622769	1622769	1622804	-	4	36	ATG	TAA	0	0	
mORF_-_1622843	1622843	1622860	-	6	18	ATG	TAG	0	0	
mORF_-_1622889	1622889	1622969	-	4	81	TTG	TGA	0	0	
mORF_-_1622903	1622903	1622917	-	6	15	ATG	TAG	0	0	
mORF_-_1622914	1622914	1623237	-	5	324	ATG	TGA	0	0	
mORF_-_1622936	1622936	1622965	-	6	30	GTG	TAG	0	0	
mORF_-_1622973	1622973	1622999	-	4	27	GTG	TAA	0	0	
mORF_-_1622996	1622996	1623010	-	6	15	TTG	TGA	0	0	
mORF_-_1623003	1623003	1623134	-	4	132	ATG	TGA	0	0	
mORF_-_1623023	1623023	1623091	-	6	69	TTG	TGA	0	0	
mORF_-_1623219	1623219	1623224	-	4	6	GTG	TAG	0	0	
mORF_-_1623230	1623230	1623349	-	6	120	ATG	TAA	0	0	
mORF_-_1623268	1623268	1623303	-	5	36	TTG	TAA	0	0	
mORF_-_1623359	1623359	1625470	-	6	2112	TTG	TAA	60	369	pORF_-_1623359
mORF_-_1623367	1623367	1623495	-	5	129	GTG	TGA	0	0	
mORF_-_1623408	1623408	1623419	-	4	12	ATG	TAA	0	0	
mORF_-_1623499	1623499	1623690	-	5	192	ATG	TAA	0	0	
mORF_-_1623513	1623513	1623524	-	4	12	GTG	TGA	0	0	
mORF_-_1623534	1623534	1623557	-	4	24	GTG	TGA	0	0	
mORF_-_1623681	1623681	1623719	-	4	39	TTG	TGA	0	0	
mORF_-_1623760	1623760	1623996	-	5	237	ATG	TGA	0	0	
mORF_-_1624006	1624006	1624041	-	5	36	GTG	TAA	0	0	
mORF_-_1624078	1624078	1624305	-	5	228	ATG	TAA	0	0	
mORF_-_1624110	1624110	1624130	-	4	21	ATG	TGA	0	0	
mORF_-_1624200	1624200	1624214	-	4	15	GTG	TGA	0	0	
mORF_-_1624318	1624318	1624386	-	5	69	ATG	TAA	0	0	
mORF_-_1624356	1624356	1624403	-	4	48	GTG	TGA	0	0	
mORF_-_1624456	1624456	1624716	-	5	261	TTG	TAG	0	0	
mORF_-_1624521	1624521	1624556	-	4	36	ATG	TGA	0	0	
mORF_-_1624686	1624686	1624757	-	4	72	ATG	TGA	0	0	
mORF_-_1624750	1624750	1624815	-	5	66	GTG	TGA	0	0	
mORF_-_1624843	1624843	1624848	-	5	6	TTG	TGA	0	0	
mORF_-_1624930	1624930	1624977	-	5	48	TTG	TAA	0	0	
mORF_-_1624990	1624990	1625055	-	5	66	ATG	TGA	0	0	
mORF_-_1625056	1625056	1625076	-	5	21	GTG	TAG	0	0	
mORF_-_1625080	1625080	1625151	-	5	72	ATG	TGA	0	0	
mORF_-_1625167	1625167	1625382	-	5	216	TTG	TGA	0	0	
mORF_-_1625343	1625343	1625462	-	4	120	TTG	TGA	0	0	
mORF_-_1625401	1625401	1625433	-	5	33	ATG	TGA	0	0	
mORF_-_1625478	1625478	1625495	-	4	18	ATG	TAA	0	0	
mORF_-_1625488	1625488	1625565	-	5	78	TTG	TAA	0	0	
mORF_-_1625502	1625502	1625516	-	4	15	GTG	TAG	0	0	
mORF_-_1625507	1625507	1625587	-	6	81	ATG	TAA	0	0	
mORF_-_1625550	1625550	1625615	-	4	66	ATG	TAA	0	0	
mORF_-_1625603	1625603	1625863	-	6	261	TTG	TGA	0	0	
mORF_-_1625658	1625658	1625816	-	4	159	ATG	TAA	0	0	
mORF_-_1625719	1625719	1625739	-	5	21	ATG	TAG	0	0	
mORF_-_1625892	1625892	1625924	-	4	33	ATG	TAA	0	0	
mORF_-_1625921	1625921	1625935	-	6	15	ATG	TGA	0	0	
mORF_-_1625929	1625929	1625943	-	5	15	TTG	TAA	0	0	
mORF_-_1625940	1625940	1626146	-	4	207	TTG	TGA	0	0	
mORF_-_1626005	1626005	1626100	-	6	96	TTG	TGA	0	0	
mORF_-_1626109	1626109	1626159	-	5	51	ATG	TAA	0	0	
mORF_-_1626175	1626175	1626201	-	5	27	TTG	TGA	0	0	
mORF_-_1626198	1626198	1626278	-	4	81	GTG	TGA	0	0	
mORF_-_1626212	1626212	1626226	-	6	15	TTG	TGA	0	0	
mORF_-_1626247	1626247	1626327	-	5	81	GTG	TAA	0	0	
mORF_-_1626314	1626314	1626346	-	6	33	ATG	TAA	0	0	
mORF_-_1626324	1626324	1626329	-	4	6	TTG	TGA	0	0	

mORF_-_1626343	1626343	1626456	-	5	114	ATG	TGA	0	0
mORF_-_1626351	1626351	1626359	-	4	9	GTG	TAA	0	0
mORF_-_1626360	1626360	1626416	-	4	57	TTG	TGA	0	0
mORF_-_1626395	1626395	1626406	-	6	12	GTG	TAA	0	0
mORF_-_1626413	1626413	1626478	-	6	66	GTG	TGA	0	0
mORF_-_1626426	1626426	1626512	-	4	87	TTG	TAA	0	0
mORF_-_1626509	1626509	1626520	-	6	12	GTG	TGA	0	0
mORF_-_1626517	1626517	1626894	-	5	378	GTG	TGA	0	0
mORF_-_1626594	1626594	1626629	-	4	36	TTG	TAG	0	0
mORF_-_1626645	1626645	1626686	-	4	42	ATG	TGA	0	0
mORF_-_1626689	1626689	1626982	-	6	294	TTG	TAA	0	0
mORF_-_1626726	1626726	1626788	-	4	63	TTG	TGA	0	0
mORF_-_1626822	1626822	1626842	-	4	21	ATG	TGA	0	0
mORF_-_1626876	1626876	1627067	-	4	192	ATG	TAG	0	0
mORF_-_1626916	1626916	1627119	-	5	204	ATG	TAA	0	0
mORF_-_1627074	1627074	1627082	-	4	9	ATG	TGA	0	0
mORF_-_1627109	1627109	1627123	-	6	15	ATG	TAA	0	0
mORF_-_1627116	1627116	1627169	-	4	54	GTG	TGA	0	0
mORF_-_1627197	1627197	1627469	-	4	273	ATG	TAA	0	0
mORF_-_1627219	1627219	1627236	-	5	18	GTG	TGA	0	0
mORF_-_1627237	1627237	1627269	-	5	33	TTG	TAG	0	0
mORF_-_1627247	1627247	1627303	-	6	57	GTG	TAG	0	0
mORF_-_1627294	1627294	1627413	-	5	120	GTG	TAA	0	0
mORF_-_1627307	1627307	1627435	-	6	129	ATG	TGA	0	0
mORF_-_1627477	1627477	1628937	-	5	1461	ATG	TAA	0	0
mORF_-_1627482	1627482	1627517	-	4	36	ATG	TGA	0	0
mORF_-_1627545	1627545	1627682	-	4	138	GTG	TGA	0	0
mORF_-_1627689	1627689	1627886	-	4	198	TTG	TAG	0	0
mORF_-_1627709	1627709	1627735	-	6	27	TTG	TGA	0	0
mORF_-_1627887	1627887	1627916	-	4	30	TTG	TAA	0	0
mORF_-_1627956	1627956	1628024	-	4	69	TTG	TGA	0	0
mORF_-_1628076	1628076	1628150	-	4	75	TTG	TGA	0	0
mORF_-_1628102	1628102	1628131	-	6	30	ATG	TAG	0	0
mORF_-_1628153	1628153	1628170	-	6	18	GTG	TAA	0	0
mORF_-_1628163	1628163	1628213	-	4	51	GTG	TAA	0	0
mORF_-_1628250	1628250	1628264	-	4	15	TTG	TGA	0	0
mORF_-_1628297	1628297	1628311	-	6	15	ATG	TAA	0	0
mORF_-_1628322	1628322	1628453	-	4	132	TTG	TAA	0	0
mORF_-_1628390	1628390	1628395	-	6	6	ATG	TGA	0	0
mORF_-_1628571	1628571	1628600	-	4	30	GTG	TGA	0	0
mORF_-_1628597	1628597	1628602	-	6	6	GTG	TGA	0	0
mORF_-_1628622	1628622	1628630	-	4	9	ATG	TAG	0	0
mORF_-_1628631	1628631	1628741	-	4	111	TTG	TAG	0	0
mORF_-_1628654	1628654	1628683	-	6	30	GTG	TAA	0	0
mORF_-_1628760	1628760	1628852	-	4	93	TTG	TAA	0	0
mORF_-_1628856	1628856	1628942	-	4	87	TTG	TAG	0	0
mORF_-_1628927	1628927	1628965	-	6	39	TTG	TAA	0	0
mORF_-_1629026	1629026	1630309	-	6	1284	ATG	TAA	0	0
mORF_-_1629055	1629055	1629096	-	5	42	GTG	TAA	0	0
mORF_-_1629097	1629097	1629105	-	5	9	GTG	TAA	0	0
mORF_-_1629139	1629139	1629147	-	5	9	TTG	TAA	0	0
mORF_-_1629196	1629196	1629351	-	5	156	GTG	TGA	0	0
mORF_-_1629361	1629361	1629366	-	5	6	TTG	TGA	0	0
mORF_-_1629367	1629367	1629396	-	5	30	ATG	TGA	0	0
mORF_-_1629402	1629402	1629431	-	4	30	ATG	TAA	0	0
mORF_-_1629406	1629406	1629441	-	5	36	TTG	TAG	0	0
mORF_-_1629454	1629454	1629504	-	5	51	TTG	TGA	0	0
mORF_-_1629486	1629486	1629500	-	4	15	TTG	TAA	0	0
mORF_-_1629544	1629544	1629552	-	5	9	ATG	TGA	0	0
mORF_-_1629589	1629589	1629603	-	5	15	TTG	TAG	0	0
mORF_-_1629616	1629616	1629741	-	5	126	TTG	TAA	0	0
mORF_-_1629738	1629738	1629830	-	4	93	GTG	TGA	0	0
mORF_-_1629763	1629763	1629783	-	5	21	TTG	TGA	0	0

mORF_-_1629790	1629790	1629801	-	5	12	GTG	TGA	0	0
mORF_-_1629889	1629889	1630002	-	5	114	GTG	TGA	0	0
mORF_-_1630027	1630027	1630083	-	5	57	TTG	TGA	0	0
mORF_-_1630141	1630141	1630203	-	5	63	GTG	TAG	0	0
mORF_-_1630225	1630225	1630266	-	5	42	ATG	TAA	0	0
mORF_-_1630263	1630263	1630316	-	4	54	GTG	TGA	0	0
mORF_-_1630273	1630273	1630332	-	5	60	ATG	TAG	0	0
mORF_-_1630355	1630355	1630483	-	6	129	ATG	TAG	0	0
mORF_-_1630425	1630425	1630463	-	4	39	TTG	TAG	0	0
mORF_-_1630480	1630480	1630524	-	5	45	TTG	TGA	0	0
mORF_-_1630500	1630500	1630520	-	4	21	ATG	TGA	0	0
mORF_-_1630517	1630517	1630597	-	6	81	TTG	TGA	0	0
mORF_-_1630528	1630528	1630533	-	5	6	GTG	TGA	0	0
mORF_-_1630545	1630545	1630574	-	4	30	ATG	TAA	0	0
mORF_-_1630594	1630594	1630629	-	5	36	ATG	TGA	0	0
mORF_-_1630598	1630598	1630648	-	6	51	ATG	TAG	0	0
mORF_-_1630620	1630620	1630625	-	4	6	ATG	TGA	0	0
mORF_-_1630654	1630654	1630719	-	5	66	TTG	TAG	0	0
mORF_-_1630694	1630694	1630831	-	6	138	TTG	TAA	0	0
mORF_-_1630734	1630734	1630799	-	4	66	GTG	TAG	0	0
mORF_-_1630762	1630762	1630857	-	5	96	GTG	TGA	0	0
mORF_-_1630835	1630835	1630876	-	6	42	TTG	TAA	0	0
mORF_-_1630877	1630877	1630894	-	6	18	GTG	TAG	0	0
mORF_-_1630882	1630882	1630896	-	5	15	ATG	TGA	0	0
mORF_-_1630899	1630899	1630970	-	4	72	ATG	TAG	0	0
mORF_-_1630910	1630910	1630960	-	6	51	ATG	TAG	0	0
mORF_-_1630933	1630933	1630938	-	5	6	ATG	TGA	0	0
mORF_-_1630967	1630967	1631035	-	6	69	ATG	TGA	0	0
mORF_-_1630983	1630983	1631063	-	4	81	TTG	TAA	0	0
mORF_-_1631044	1631044	1631202	-	5	159	TTG	TGA	0	0
mORF_-_1631094	1631094	1631105	-	4	12	TTG	TGA	0	0
mORF_-_1631151	1631151	1631183	-	4	33	TTG	TAA	0	0
mORF_-_1631199	1631199	1631252	-	4	54	ATG	TGA	0	0
mORF_-_1631221	1631221	1631472	-	5	252	TTG	TAA	0	0
mORF_-_1631273	1631273	1631278	-	6	6	TTG	TAA	0	0
mORF_-_1631288	1631288	1631308	-	6	21	TTG	TGA	0	0
mORF_-_1631340	1631340	1631354	-	4	15	ATG	TAA	0	0
mORF_-_1631351	1631351	1631401	-	6	51	TTG	TGA	0	0
mORF_-_1631364	1631364	1631579	-	4	216	TTG	TAA	0	0
mORF_-_1631414	1631414	1631425	-	6	12	GTG	TAA	0	0
mORF_-_1631432	1631432	1631488	-	6	57	ATG	TAG	0	0
mORF_-_1631479	1631479	1631589	-	5	111	ATG	TAA	0	0
mORF_-_1631492	1631492	1631497	-	6	6	TTG	TGA	0	0
mORF_-_1631546	1631546	1631569	-	6	24	TTG	TAA	0	0
mORF_-_1631592	1631592	1631654	-	4	63	TTG	TAA	0	0
mORF_-_1631609	1631609	1631644	-	6	36	GTG	TAA	0	0
mORF_-_1631644	1631644	1631679	-	5	36	TTG	TAG	0	0
mORF_-_1631676	1631676	1631765	-	4	90	GTG	TGA	0	0
mORF_-_1631687	1631687	1631695	-	6	9	GTG	TGA	0	0
mORF_-_1631702	1631702	1631740	-	6	39	TTG	TGA	0	0
mORF_-_1631744	1631744	1631767	-	6	24	ATG	TGA	0	0
mORF_-_1631767	1631767	1631784	-	5	18	TTG	TAA	0	0
mORF_-_1631775	1631775	1631933	-	4	159	ATG	TGA	0	0
mORF_-_1631803	1631803	1631880	-	5	78	TTG	TAA	0	0
mORF_-_1631837	1631837	1632040	-	6	204	GTG	TGA	0	0
mORF_-_1631923	1631923	1632093	-	5	171	GTG	TGA	0	0
mORF_-_1631937	1631937	1631990	-	4	54	TTG	TAA	0	0
mORF_-_1632027	1632027	1632044	-	4	18	ATG	TAA	0	0
mORF_-_1632041	1632041	1632208	-	6	168	TTG	TGA	0	0
mORF_-_1632141	1632141	1632191	-	4	51	TTG	TGA	0	0
mORF_-_1632175	1632175	1632306	-	5	132	ATG	TGA	0	0
mORF_-_1632218	1632218	1632232	-	6	15	ATG	TGA	0	0
mORF_-_1632261	1632261	1632383	-	4	123	GTG	TAA	0	0

mORF_-_1632329	1632329	1632352	-	6	24	ATG	TAA	0	0
mORF_-_1632334	1632334	1632909	-	5	576	ATG	TAG	0	0
mORF_-_1632377	1632377	1632412	-	6	36	ATG	TGA	0	0
mORF_-_1632387	1632387	1632488	-	4	102	GTG	TGA	0	0
mORF_-_1632485	1632485	1632586	-	6	102	GTG	TGA	0	0
mORF_-_1632564	1632564	1632845	-	4	282	ATG	TGA	0	0
mORF_-_1632704	1632704	1632718	-	6	15	GTG	TGA	0	0
mORF_-_1632873	1632873	1632893	-	4	21	GTG	TAA	0	0
mORF_-_1632890	1632890	1632916	-	6	27	TTG	TGA	0	0
mORF_-_1632909	1632909	1633871	-	4	963	GTG	TAA	0	0
mORF_-_1632920	1632920	1633138	-	6	219	GTG	TGA	0	0
mORF_-_1633169	1633169	1633462	-	6	294	GTG	TAA	0	0
mORF_-_1633475	1633475	1633525	-	6	51	TTG	TGA	0	0
mORF_-_1633522	1633522	1633644	-	5	123	GTG	TGA	0	0
mORF_-_1633541	1633541	1633747	-	6	207	TTG	TGA	0	0
mORF_-_1633763	1633763	1633825	-	6	63	TTG	TGA	0	0
mORF_-_1633822	1633822	1634391	-	5	570	ATG	TGA	0	0
mORF_-_1633887	1633887	1633895	-	4	9	ATG	TGA	0	0
mORF_-_1633938	1633938	1634090	-	4	153	ATG	TGA	0	0
mORF_-_1634094	1634094	1634243	-	4	150	ATG	TGA	0	0
mORF_-_1634225	1634225	1634248	-	6	24	ATG	TGA	0	0
mORF_-_1634250	1634250	1634456	-	4	207	GTG	TAA	0	0
mORF_-_1634363	1634363	1634398	-	6	36	ATG	TGA	0	0
mORF_-_1634395	1634395	1634439	-	5	45	TTG	TGA	0	0
mORF_-_1634450	1634450	1634500	-	6	51	ATG	TGA	0	0
mORF_-_1634500	1634500	1634598	-	5	99	GTG	TAA	0	0
mORF_-_1634531	1634531	1634632	-	6	102	ATG	TAA	0	0
mORF_-_1634629	1634629	1634664	-	5	36	TTG	TGA	0	0
mORF_-_1634633	1634633	1634674	-	6	42	TTG	TAG	0	0
mORF_-_1634640	1634640	1634645	-	4	6	TTG	TGA	0	0
mORF_-_1634661	1634661	1634669	-	4	9	GTG	TGA	0	0
mORF_-_1634671	1634671	1634682	-	5	12	TTG	TGA	0	0
mORF_-_1634702	1634702	1634719	-	6	18	TTG	TAA	0	0
mORF_-_1634716	1634716	1634745	-	5	30	TTG	TGA	0	0
mORF_-_1634721	1634721	1634750	-	4	30	TTG	TAA	0	0
mORF_-_1634738	1634738	1634761	-	6	24	GTG	TGA	0	0
mORF_-_1634752	1634752	1635018	-	5	267	TTG	TGA	0	0
mORF_-_1634778	1634778	1634813	-	4	36	TTG	TGA	0	0
mORF_-_1634783	1634783	1634872	-	6	90	TTG	TGA	0	0
mORF_-_1634901	1634901	1634957	-	4	57	TTG	TGA	0	0
mORF_-_1635000	1635000	1635050	-	4	51	ATG	TGA	0	0
mORF_-_1635047	1635047	1635055	-	6	9	GTG	TGA	0	0
mORF_-_1635052	1635052	1635057	-	5	6	ATG	TGA	0	0
mORF_-_1635065	1635065	1635097	-	6	33	TTG	TAA	0	0
mORF_-_1635076	1635076	1635087	-	5	12	ATG	TGA	0	0
mORF_-_1635090	1635090	1635170	-	4	81	GTG	TAA	0	0
mORF_-_1635122	1635122	1635133	-	6	12	TTG	TAA	0	0
mORF_-_1635149	1635149	1635160	-	6	12	GTG	TAG	0	0
mORF_-_1635157	1635157	1635162	-	5	6	TTG	TGA	0	0
mORF_-_1635167	1635167	1635172	-	6	6	ATG	TGA	0	0
mORF_-_1635172	1635172	1635177	-	5	6	ATG	TAA	0	0
mORF_-_1635181	1635181	1635192	-	5	12	GTG	TAG	0	0
mORF_-_1635185	1635185	1635205	-	6	21	ATG	TAA	0	0
mORF_-_1635202	1635202	1635330	-	5	129	GTG	TGA	0	0
mORF_-_1635264	1635264	1635275	-	4	12	TTG	TGA	0	0
mORF_-_1635272	1635272	1635400	-	6	129	TTG	TGA	0	0
mORF_-_1635327	1635327	1635332	-	4	6	ATG	TGA	0	0
mORF_-_1635381	1635381	1635431	-	4	51	ATG	TAA	0	0
mORF_-_1635412	1635412	1635450	-	5	39	ATG	TAG	0	0
mORF_-_1635459	1635459	1635476	-	4	18	GTG	TAG	0	0
mORF_-_1635470	1635470	1635547	-	6	78	TTG	TAA	0	0
mORF_-_1635478	1635478	1635486	-	5	9	ATG	TAG	0	0
mORF_-_1635541	1635541	1635633	-	5	93	ATG	TGA	0	0

mORF_-_1635555	1635555	1635572	-	4	18	ATG	TAA	0	0	
mORF_-_1635633	1635633	1635809	-	4	177	ATG	TGA	53	676	pORF_-_1635633
mORF_-_1635638	1635638	1635667	-	6	30	TTG	TAA	0	0	
mORF_-_1635674	1635674	1635739	-	6	66	TTG	TGA	0	0	
mORF_-_1635788	1635788	1635799	-	6	12	TTG	TAA	0	0	
mORF_-_1635818	1635818	1635898	-	6	81	TTG	TAA	0	0	
mORF_-_1635840	1635840	1635908	-	4	69	ATG	TAA	0	0	
mORF_-_1635856	1635856	1635939	-	5	84	TTG	TAA	0	0	
mORF_-_1635917	1635917	1635931	-	6	15	TTG	TAG	0	0	
mORF_-_1635924	1635924	1635962	-	4	39	TTG	TAA	0	0	
mORF_-_1635959	1635959	1635976	-	6	18	TTG	TGA	0	0	
mORF_-_1635973	1635973	1635981	-	5	9	TTG	TGA	0	0	
mORF_-_1635978	1635978	1636169	-	4	192	GTG	TGA	0	0	
mORF_-_1635992	1635992	1636027	-	6	36	ATG	TAA	0	0	
mORF_-_1636040	1636040	1636045	-	6	6	ATG	TAG	0	0	
mORF_-_1636091	1636091	1636129	-	6	39	GTG	TAA	0	0	
mORF_-_1636163	1636163	1636249	-	6	87	TTG	TAG	0	0	
mORF_-_1636212	1636212	1636283	-	4	72	GTG	TAA	0	0	
mORF_-_1636280	1636280	1636390	-	6	111	ATG	TGA	0	0	
mORF_-_1636288	1636288	1636314	-	5	27	ATG	TAA	0	0	
mORF_-_1636315	1636315	1636338	-	5	24	TTG	TAA	0	0	
mORF_-_1636356	1636356	1636370	-	4	15	ATG	TAA	0	0	
mORF_-_1636387	1636387	1636431	-	5	45	ATG	TGA	0	0	
mORF_-_1636416	1636416	1636445	-	4	30	ATG	TAG	0	0	
mORF_-_1636474	1636474	1636482	-	5	9	TTG	TAG	0	0	
mORF_-_1636479	1636479	1636691	-	4	213	ATG	TGA	10	0	pORF_-_1636479
mORF_-_1636490	1636490	1636540	-	6	51	TTG	TAG	0	0	
mORF_-_1636556	1636556	1636639	-	6	84	TTG	TAA	0	0	
mORF_-_1636654	1636654	1636662	-	5	9	ATG	TAA	0	0	
mORF_-_1636697	1636697	1636786	-	6	90	TTG	TAA	0	0	
mORF_-_1636713	1636713	1636871	-	4	159	TTG	TAA	0	0	
mORF_-_1636796	1636796	1636831	-	6	36	TTG	TAA	0	0	
mORF_-_1636844	1636844	1636852	-	6	9	ATG	TAA	0	0	
mORF_-_1636855	1636855	1636896	-	5	42	GTG	TAA	0	0	
mORF_-_1636875	1636875	1636901	-	4	27	TTG	TAA	0	0	
mORF_-_1636915	1636915	1636938	-	5	24	ATG	TAA	0	0	
mORF_-_1636973	1636973	1636990	-	6	18	ATG	TGA	0	0	
mORF_-_1637015	1637015	1637020	-	6	6	ATG	TAA	0	0	
mORF_-_1637054	1637054	1637551	-	6	498	GTG	TAG	2	4	pORF_-_1637054
mORF_-_1637077	1637077	1637088	-	5	12	ATG	TAA	0	0	
mORF_-_1637085	1637085	1637102	-	4	18	TTG	TGA	0	0	
mORF_-_1637104	1637104	1637376	-	5	273	GTG	TGA	0	0	
mORF_-_1637380	1637380	1637400	-	5	21	TTG	TAG	0	0	
mORF_-_1637401	1637401	1637424	-	5	24	ATG	TAA	0	0	
mORF_-_1637425	1637425	1637496	-	5	72	ATG	TAA	0	0	
mORF_-_1637451	1637451	1637477	-	4	27	ATG	TGA	0	0	
mORF_-_1637548	1637548	1638081	-	5	534	ATG	TGA	0	0	
mORF_-_1637571	1637571	1637699	-	4	129	ATG	TAA	0	0	
mORF_-_1637615	1637615	1637635	-	6	21	TTG	TAA	0	0	
mORF_-_1637651	1637651	1637677	-	6	27	ATG	TAA	0	0	
mORF_-_1637700	1637700	1637744	-	4	45	TTG	TGA	0	0	
mORF_-_1637708	1637708	1637731	-	6	24	GTG	TAA	0	0	
mORF_-_1637747	1637747	1637758	-	6	12	TTG	TAA	0	0	
mORF_-_1637790	1637790	1637843	-	4	54	TTG	TGA	0	0	
mORF_-_1637801	1637801	1637821	-	6	21	ATG	TAA	0	0	
mORF_-_1637840	1637840	1637938	-	6	99	ATG	TGA	0	0	
mORF_-_1637880	1637880	1638032	-	4	153	TTG	TGA	0	0	
mORF_-_1637999	1637999	1638163	-	6	165	TTG	TGA	0	0	
mORF_-_1638078	1638078	1638389	-	4	312	ATG	TGA	0	0	
mORF_-_1638185	1638185	1638298	-	6	114	TTG	TAG	0	0	
mORF_-_1638326	1638326	1638346	-	6	21	TTG	TAA	0	0	
mORF_-_1638362	1638362	1638376	-	6	15	ATG	TGA	0	0	
mORF_-_1638394	1638394	1638684	-	5	291	GTG	TAA	0	0	

mORF_-_1638459	1638459	1638491	-	4	33	GTG	TGA	0	0	
mORF_-_1638479	1638479	1638505	-	6	27	GTG	TAG	0	0	
mORF_-_1638516	1638516	1638581	-	4	66	GTG	TAA	0	0	
mORF_-_1638606	1638606	1638686	-	4	81	GTG	TGA	0	0	
mORF_-_1638614	1638614	1638640	-	6	27	TTG	TGA	0	0	
mORF_-_1638662	1638662	1638718	-	6	57	GTG	TAG	0	0	
mORF_-_1638703	1638703	1638720	-	5	18	ATG	TAG	0	0	
mORF_-_1638720	1638720	1638755	-	4	36	ATG	TAA	0	0	
mORF_-_1638752	1638752	1638811	-	6	60	ATG	TGA	0	0	
mORF_-_1638827	1638827	1638856	-	6	30	GTG	TAG	0	0	
mORF_-_1638853	1638853	1638900	-	5	48	TTG	TGA	0	0	
mORF_-_1638864	1638864	1638896	-	4	33	GTG	TAA	0	0	
mORF_-_1638872	1638872	1638979	-	6	108	TTG	TAA	0	0	
mORF_-_1638904	1638904	1638912	-	5	9	GTG	TGA	0	0	
mORF_-_1638919	1638919	1638957	-	5	39	ATG	TGA	0	0	
mORF_-_1638954	1638954	1638965	-	4	12	TTG	TGA	0	0	
mORF_-_1638983	1638983	1639114	-	6	132	GTG	TAA	0	0	
mORF_-_1639045	1639045	1639122	-	5	78	GTG	TAA	0	0	
mORF_-_1639107	1639107	1639184	-	4	78	GTG	TGA	0	0	
mORF_-_1639115	1639115	1639135	-	6	21	ATG	TAA	0	0	
mORF_-_1639162	1639162	1639176	-	5	15	TTG	TAG	0	0	
mORF_-_1639166	1639166	1639243	-	6	78	ATG	TGA	0	0	
mORF_-_1639186	1639186	1639194	-	5	9	TTG	TGA	0	0	
mORF_-_1639216	1639216	1639251	-	5	36	ATG	TAA	0	0	
mORF_-_1639265	1639265	1639288	-	6	24	TTG	TAA	0	0	
mORF_-_1639275	1639275	1639295	-	4	21	GTG	TAA	0	0	
mORF_-_1639312	1639312	1639323	-	5	12	ATG	TAG	0	0	
mORF_-_1639323	1639323	1639409	-	4	87	GTG	TGA	0	0	
mORF_-_1639363	1639363	1639578	-	5	216	ATG	TAA	16	8	pORF_-_1639363
mORF_-_1639413	1639413	1639508	-	4	96	TTG	TAG	0	0	
mORF_-_1639541	1639541	1639549	-	6	9	ATG	TAA	0	0	
mORF_-_1639563	1639563	1639622	-	4	60	ATG	TGA	0	0	
mORF_-_1639580	1639580	1639585	-	6	6	ATG	TAG	0	0	
mORF_-_1639589	1639589	1639681	-	6	93	GTG	TAA	0	0	
mORF_-_1639642	1639642	1639659	-	5	18	TTG	TAA	0	0	
mORF_-_1639699	1639699	1639743	-	5	45	TTG	TAA	0	0	
mORF_-_1639707	1639707	1639790	-	4	84	ATG	TAG	0	0	
mORF_-_1639730	1639730	1639774	-	6	45	TTG	TGA	0	0	
mORF_-_1639747	1639747	1639755	-	5	9	ATG	TAA	0	0	
mORF_-_1639778	1639778	1639855	-	6	78	TTG	TAA	0	0	
mORF_-_1639810	1639810	1639977	-	5	168	ATG	TGA	0	0	
mORF_-_1639866	1639866	1639943	-	4	78	GTG	TAA	0	0	
mORF_-_1639940	1639940	1639948	-	6	9	ATG	TGA	0	0	
mORF_-_1639974	1639974	1640075	-	4	102	TTG	TGA	0	0	
mORF_-_1640012	1640012	1640089	-	6	78	ATG	TAA	0	0	
mORF_-_1640093	1640093	1640134	-	6	42	ATG	TAG	0	0	
mORF_-_1640098	1640098	1640130	-	5	33	GTG	TAA	0	0	
mORF_-_1640127	1640127	1640132	-	4	6	GTG	TGA	0	0	
mORF_-_1640186	1640186	1640305	-	6	120	TTG	TAA	0	0	
mORF_-_1640283	1640283	1640297	-	4	15	TTG	TAA	0	0	
mORF_-_1640290	1640290	1640310	-	5	21	GTG	TGA	0	0	
mORF_-_1640307	1640307	1640396	-	4	90	ATG	TGA	0	0	
mORF_-_1640326	1640326	1640481	-	5	156	TTG	TAA	0	0	
mORF_-_1640360	1640360	1640374	-	6	15	ATG	TAA	0	0	
mORF_-_1640375	1640375	1640383	-	6	9	GTG	TAA	0	0	
mORF_-_1640418	1640418	1640435	-	4	18	TTG	TAA	0	0	
mORF_-_1640456	1640456	1640512	-	6	57	ATG	TAA	0	0	
mORF_-_1640485	1640485	1640505	-	5	21	TTG	TGA	0	0	
mORF_-_1640499	1640499	1640567	-	4	69	GTG	TGA	0	0	
mORF_-_1640513	1640513	1641295	-	6	783	TTG	TAA	0	0	
mORF_-_1640572	1640572	1640598	-	5	27	ATG	TAA	0	0	
mORF_-_1640604	1640604	1640612	-	4	9	GTG	TAA	0	0	
mORF_-_1640623	1640623	1640811	-	5	189	ATG	TGA	0	0	

mORF_-_1640694	1640694	1640708	-	4	15	TTG	TAA	0	0	
mORF_-_1640772	1640772	1640786	-	4	15	GTG	TAA	0	0	
mORF_-_1640805	1640805	1640840	-	4	36	ATG	TAA	0	0	
mORF_-_1640878	1640878	1640973	-	5	96	TTG	TGA	0	0	
mORF_-_1640898	1640898	1640921	-	4	24	TTG	TAA	0	0	
mORF_-_1640977	1640977	1641015	-	5	39	GTG	TGA	0	0	
mORF_-_1641058	1641058	1641126	-	5	69	TTG	TAA	0	0	
mORF_-_1641069	1641069	1641185	-	4	117	TTG	TGA	0	0	
mORF_-_1641163	1641163	1641168	-	5	6	ATG	TAA	0	0	
mORF_-_1641178	1641178	1641210	-	5	33	ATG	TAA	0	0	
mORF_-_1641214	1641214	1641258	-	5	45	TTG	TGA	0	0	
mORF_-_1641255	1641255	1641278	-	4	24	GTG	TGA	0	0	
mORF_-_1641279	1641279	1642367	-	4	1089	GTG	TAA	0	0	
mORF_-_1641326	1641326	1641460	-	6	135	TTG	TGA	0	0	
mORF_-_1641355	1641355	1641402	-	5	48	GTG	TGA	0	0	
mORF_-_1641421	1641421	1641504	-	5	84	GTG	TGA	0	0	
mORF_-_1641461	1641461	1641502	-	6	42	GTG	TGA	0	0	
mORF_-_1641514	1641514	1641522	-	5	9	TTG	TAA	0	0	
mORF_-_1641566	1641566	1641595	-	6	30	TTG	TGA	0	0	
mORF_-_1641605	1641605	1641664	-	6	60	TTG	TAA	0	0	
mORF_-_1641701	1641701	1641799	-	6	99	ATG	TGA	0	0	
mORF_-_1641787	1641787	1641825	-	5	39	GTG	TGA	0	0	
mORF_-_1641869	1641869	1641892	-	6	24	TTG	TAA	0	0	
mORF_-_1641889	1641889	1641900	-	5	12	ATG	TGA	0	0	
mORF_-_1641905	1641905	1642108	-	6	204	GTG	TGA	0	0	
mORF_-_1641949	1641949	1641978	-	5	30	GTG	TGA	0	0	
mORF_-_1642039	1642039	1642047	-	5	9	GTG	TAA	0	0	
mORF_-_1642112	1642112	1642291	-	6	180	TTG	TGA	0	0	
mORF_-_1642330	1642330	1642608	-	5	279	ATG	TAA	0	0	
mORF_-_1642439	1642439	1642519	-	6	81	ATG	TAA	0	0	
mORF_-_1642473	1642473	1642562	-	4	90	TTG	TGA	0	0	
mORF_-_1642577	1642577	1642660	-	6	84	TTG	TGA	0	0	
mORF_-_1642675	1642675	1642926	-	5	252	ATG	TAA	0	0	
mORF_-_1642722	1642722	1642793	-	4	72	TTG	TGA	0	0	
mORF_-_1642796	1642796	1642828	-	6	33	GTG	TAA	0	0	
mORF_-_1642800	1642800	1642892	-	4	93	GTG	TAA	0	0	
mORF_-_1642862	1642862	1642870	-	6	9	GTG	TGA	0	0	
mORF_-_1642889	1642889	1642894	-	6	6	TTG	TGA	0	0	
mORF_-_1642958	1642958	1642969	-	6	12	ATG	TAA	0	0	
mORF_-_1642988	1642988	1643104	-	6	117	GTG	TAG	0	0	
mORF_-_1643008	1643008	1643106	-	5	99	ATG	TAG	0	0	
mORF_-_1643143	1643143	1643298	-	5	156	ATG	TAA	0	0	
mORF_-_1643150	1643150	1643317	-	6	168	TTG	TGA	0	0	
mORF_-_1643295	1643295	1643336	-	4	42	GTG	TGA	0	0	
mORF_-_1643314	1643314	1643361	-	5	48	ATG	TGA	0	0	
mORF_-_1643333	1643333	1643425	-	6	93	TTG	TGA	0	0	
mORF_-_1643370	1643370	1643657	-	4	288	ATG	TGA	0	0	
mORF_-_1643432	1643432	1643446	-	6	15	TTG	TGA	0	0	
mORF_-_1643456	1643456	1643566	-	6	111	TTG	TAG	0	0	
mORF_-_1643497	1643497	1643511	-	5	15	TTG	TAA	0	0	
mORF_-_1643579	1643579	1643590	-	6	12	GTG	TGA	0	0	
mORF_-_1643587	1643587	1643616	-	5	30	ATG	TGA	0	0	
mORF_-_1643621	1643621	1643638	-	6	18	TTG	TAA	0	0	
mORF_-_1643635	1643635	1643667	-	5	33	ATG	TGA	0	0	
mORF_-_1643657	1643657	1643896	-	6	240	ATG	TGA	8	26	pORF_-_1643657
mORF_-_1643674	1643674	1643679	-	5	6	GTG	TGA	0	0	
mORF_-_1643713	1643713	1643742	-	5	30	GTG	TAG	0	0	
mORF_-_1643743	1643743	1643775	-	5	33	ATG	TGA	0	0	
mORF_-_1643821	1643821	1643874	-	5	54	TTG	TAA	0	0	
mORF_-_1643889	1643889	1643927	-	4	39	ATG	TAG	0	0	
mORF_-_1643900	1643900	1643905	-	6	6	GTG	TAA	0	0	
mORF_-_1643915	1643915	1643920	-	6	6	TTG	TAA	0	0	
mORF_-_1643927	1643927	1644088	-	6	162	ATG	TAA	0	0	

mORF_-_1643941	1643941	1643949	-	5	9	ATG	TAG	0	0
mORF_-_1643952	1643952	1643960	-	4	9	TTG	TAA	0	0
mORF_-_1643974	1643974	1644042	-	5	69	ATG	TGA	0	0
mORF_-_1644085	1644085	1644141	-	5	57	TTG	TGA	0	0
mORF_-_1644123	1644123	1644155	-	4	33	ATG	TGA	0	0
mORF_-_1644128	1644128	1644139	-	6	12	GTG	TAG	0	0
mORF_-_1644148	1644148	1644174	-	5	27	ATG	TAA	0	0
mORF_-_1644168	1644168	1644239	-	4	72	GTG	TAA	0	0
mORF_-_1644176	1644176	1644397	-	6	222	ATG	TGA	0	0
mORF_-_1644271	1644271	1644300	-	5	30	TTG	TAA	0	0
mORF_-_1644294	1644294	1644356	-	4	63	TTG	TGA	0	0
mORF_-_1644349	1644349	1644366	-	5	18	GTG	TGA	0	0
mORF_-_1644357	1644357	1644368	-	4	12	TTG	TAA	0	0
mORF_-_1644413	1644413	1644439	-	6	27	GTG	TAA	0	0
mORF_-_1644436	1644436	1644459	-	5	24	TTG	TGA	0	0
mORF_-_1644443	1644443	1644514	-	6	72	GTG	TGA	0	0
mORF_-_1644463	1644463	1644495	-	5	33	ATG	TAA	0	0
mORF_-_1644495	1644495	1644521	-	4	27	TTG	TGA	0	0
mORF_-_1644511	1644511	1644825	-	5	315	ATG	TGA	0	0
mORF_-_1644555	1644555	1644638	-	4	84	TTG	TGA	0	0
mORF_-_1644692	1644692	1644745	-	6	54	ATG	TGA	0	0
mORF_-_1644783	1644783	1644794	-	4	12	GTG	TGA	0	0
mORF_-_1644816	1644816	1644857	-	4	42	ATG	TAA	0	0
mORF_-_1644827	1644827	1644841	-	6	15	ATG	TAA	0	0
mORF_-_1644838	1644838	1644888	-	5	51	TTG	TGA	0	0
mORF_-_1644857	1644857	1644862	-	6	6	TTG	TAA	0	0
mORF_-_1644894	1644894	1644935	-	4	42	TTG	TAG	0	0
mORF_-_1644898	1644898	1644948	-	5	51	TTG	TAA	0	0
mORF_-_1644932	1644932	1645027	-	6	96	ATG	TGA	0	0
mORF_-_1644936	1644936	1644983	-	4	48	GTG	TAA	0	0
mORF_-_1645021	1645021	1645041	-	5	21	ATG	TAA	0	0
mORF_-_1645031	1645031	1645114	-	6	84	TTG	TAG	0	0
mORF_-_1645051	1645051	1645119	-	5	69	GTG	TAA	0	0
mORF_-_1645074	1645074	1645133	-	4	60	GTG	TGA	0	0
mORF_-_1645146	1645146	1645373	-	4	228	ATG	TAA	0	0
mORF_-_1645154	1645154	1645201	-	6	48	TTG	TAG	0	0
mORF_-_1645159	1645159	1645176	-	5	18	GTG	TAG	0	0
mORF_-_1645198	1645198	1645347	-	5	150	GTG	TGA	0	0
mORF_-_1645370	1645370	1645660	-	6	291	ATG	TGA	0	0
mORF_-_1645402	1645402	1645458	-	5	57	TTG	TAG	0	0
mORF_-_1645465	1645465	1645530	-	5	66	ATG	TGA	0	0
mORF_-_1645566	1645566	1645613	-	4	48	ATG	TGA	0	0
mORF_-_1645597	1645597	1645635	-	5	39	GTG	TGA	0	0
mORF_-_1645644	1645644	1645874	-	4	231	ATG	TGA	0	0
mORF_-_1645664	1645664	1645717	-	6	54	ATG	TGA	0	0
mORF_-_1645772	1645772	1645828	-	6	57	TTG	TAG	0	0
mORF_-_1645867	1645867	1645935	-	5	69	TTG	TAA	0	0
mORF_-_1645875	1645875	1645883	-	4	9	GTG	TAA	0	0
mORF_-_1645892	1645892	1645948	-	6	57	ATG	TAA	0	0
mORF_-_1645948	1645948	1646313	-	5	366	TTG	TAA	0	0
mORF_-_1645956	1645956	1645967	-	4	12	TTG	TAG	0	0
mORF_-_1645973	1645973	1646059	-	6	87	ATG	TAA	0	0
mORF_-_1646037	1646037	1646072	-	4	36	GTG	TAG	0	0
mORF_-_1646069	1646069	1646137	-	6	69	TTG	TGA	0	0
mORF_-_1646121	1646121	1646189	-	4	69	GTG	TGA	0	0
mORF_-_1646156	1646156	1646179	-	6	24	TTG	TAG	0	0
mORF_-_1646244	1646244	1646252	-	4	9	GTG	TAA	0	0
mORF_-_1646310	1646310	1646354	-	4	45	TTG	TGA	0	0
mORF_-_1646333	1646333	1646425	-	6	93	GTG	TAG	0	0
mORF_-_1646386	1646386	1646397	-	5	12	TTG	TAA	0	0
mORF_-_1646407	1646407	1646415	-	5	9	ATG	TAG	0	0
mORF_-_1646422	1646422	1646490	-	5	69	TTG	TGA	0	0
mORF_-_1646438	1646438	1646704	-	6	267	TTG	TAA	0	0

mORF_-_1646463	1646463	1646471	-	4	9	GTG	TGA	0	0	
mORF_-_1646539	1646539	1646586	-	5	48	TTG	TAG	0	0	
mORF_-_1646602	1646602	1646610	-	5	9	TTG	TGA	0	0	
mORF_-_1646635	1646635	1646832	-	5	198	GTG	TAA	0	0	
mORF_-_1646676	1646676	1646708	-	4	33	ATG	TGA	0	0	
mORF_-_1646777	1646777	1646803	-	6	27	TTG	TAA	0	0	
mORF_-_1646807	1646807	1646872	-	6	66	ATG	TAG	0	0	
mORF_-_1646900	1646900	1647037	-	6	138	ATG	TAA	0	0	
mORF_-_1647004	1647004	1647030	-	5	27	ATG	TGA	0	0	
mORF_-_1647049	1647049	1647054	-	5	6	ATG	TAA	0	0	
mORF_-_1647062	1647062	1647079	-	6	18	TTG	TAA	0	0	
mORF_-_1647069	1647069	1647404	-	4	336	TTG	TAG	0	0	
mORF_-_1647095	1647095	1647139	-	6	45	GTG	TAA	0	0	
mORF_-_1647191	1647191	1647214	-	6	24	ATG	TGA	0	0	
mORF_-_1647319	1647319	1647342	-	5	24	GTG	TAA	0	0	
mORF_-_1647350	1647350	1647388	-	6	39	TTG	TGA	0	0	
mORF_-_1647367	1647367	1647522	-	5	156	TTG	TAA	0	0	
mORF_-_1647434	1647434	1647769	-	6	336	ATG	TAA	0	0	
mORF_-_1647462	1647462	1647503	-	4	42	GTG	TAA	0	0	
mORF_-_1647565	1647565	1647582	-	5	18	GTG	TAA	0	0	
mORF_-_1647579	1647579	1647599	-	4	21	GTG	TGA	0	0	
mORF_-_1647604	1647604	1647609	-	5	6	TTG	TGA	0	0	
mORF_-_1647613	1647613	1647651	-	5	39	TTG	TGA	0	0	
mORF_-_1647645	1647645	1647740	-	4	96	TTG	TAA	0	0	
mORF_-_1647724	1647724	1647816	-	5	93	GTG	TAA	0	0	
mORF_-_1647789	1647789	1647830	-	4	42	ATG	TAA	0	0	
mORF_-_1647824	1647824	1648039	-	6	216	ATG	TGA	0	0	
mORF_-_1647885	1647885	1647926	-	4	42	TTG	TGA	0	0	
mORF_-_1647969	1647969	1648184	-	4	216	ATG	TAA	0	0	
mORF_-_1648093	1648093	1648242	-	5	150	ATG	TAA	0	0	
mORF_-_1648127	1648127	1648216	-	6	90	TTG	TAG	0	0	
mORF_-_1648266	1648266	1648616	-	4	351	ATG	TAA	0	0	
mORF_-_1648274	1648274	1648324	-	6	51	ATG	TAA	0	0	
mORF_-_1648321	1648321	1648767	-	5	447	TTG	TGA	0	0	
mORF_-_1648457	1648457	1648471	-	6	15	ATG	TAA	0	0	
mORF_-_1648499	1648499	1648537	-	6	39	ATG	TAA	0	0	
mORF_-_1648649	1648649	1648786	-	6	138	TTG	TAG	1	0	pORF_-_1648649
mORF_-_1648665	1648665	1648763	-	4	99	TTG	TGA	0	0	
mORF_-_1648764	1648764	1648817	-	4	54	ATG	TGA	0	0	
mORF_-_1648783	1648783	1648821	-	5	39	ATG	TGA	0	0	
mORF_-_1648805	1648805	1648924	-	6	120	TTG	TGA	0	0	
mORF_-_1648818	1648818	1648832	-	4	15	TTG	TGA	0	0	
mORF_-_1648866	1648866	1649132	-	4	267	GTG	TAG	0	0	
mORF_-_1648931	1648931	1649032	-	6	102	TTG	TAA	0	0	
mORF_-_1648939	1648939	1649001	-	5	63	GTG	TGA	0	0	
mORF_-_1649033	1649033	1649212	-	6	180	TTG	TGA	0	0	
mORF_-_1649092	1649092	1649127	-	5	36	GTG	TGA	0	0	
mORF_-_1649179	1649179	1649259	-	5	81	ATG	TGA	0	0	
mORF_-_1649261	1649261	1649320	-	6	60	GTG	TAG	0	0	
mORF_-_1649269	1649269	1649280	-	5	12	GTG	TAG	0	0	
mORF_-_1649384	1649384	1649404	-	6	21	TTG	TAG	0	0	
mORF_-_1649395	1649395	1649499	-	5	105	GTG	TGA	0	0	
mORF_-_1649415	1649415	1649474	-	4	60	ATG	TAA	0	0	
mORF_-_1649486	1649486	1649752	-	6	267	GTG	TAA	0	0	
mORF_-_1649532	1649532	1649573	-	4	42	GTG	TAA	0	0	
mORF_-_1649625	1649625	1649882	-	4	258	TTG	TAG	0	0	
mORF_-_1649647	1649647	1649682	-	5	36	TTG	TGA	0	0	
mORF_-_1649753	1649753	1649761	-	6	9	ATG	TGA	0	0	
mORF_-_1649774	1649774	1649818	-	6	45	ATG	TGA	0	0	
mORF_-_1649857	1649857	1649904	-	5	48	TTG	TAA	0	0	
mORF_-_1649897	1649897	1649944	-	6	48	TTG	TAA	0	0	
mORF_-_1649934	1649934	1649939	-	4	6	ATG	TAA	0	0	
mORF_-_1649982	1649982	1650038	-	4	57	ATG	TAA	0	0	

mORF_-_1650002	1650002	1650031	-	6	30	TTG	TAA	0	0	
mORF_-_1650028	1650028	1650099	-	5	72	TTG	TGA	0	0	
mORF_-_1650074	1650074	1650196	-	6	123	TTG	TAA	0	0	
mORF_-_1650126	1650126	1650269	-	4	144	ATG	TAA	0	0	
mORF_-_1650203	1650203	1650220	-	6	18	TTG	TGA	0	0	
mORF_-_1650214	1650214	1650273	-	5	60	ATG	TAA	0	0	
mORF_-_1650230	1650230	1650247	-	6	18	GTG	TGA	0	0	
mORF_-_1650278	1650278	1650316	-	6	39	ATG	TAA	0	0	
mORF_-_1650306	1650306	1650344	-	4	39	ATG	TGA	0	0	
mORF_-_1650316	1650316	1650405	-	5	90	TTG	TAA	0	0	
mORF_-_1650351	1650351	1650392	-	4	42	GTG	TGA	0	0	
mORF_-_1650415	1650415	1650444	-	5	30	ATG	TGA	0	0	
mORF_-_1650446	1650446	1650517	-	6	72	ATG	TAA	0	0	
mORF_-_1650457	1650457	1650507	-	5	51	ATG	TGA	0	0	
mORF_-_1650514	1650514	1650609	-	5	96	TTG	TGA	0	0	
mORF_-_1650563	1650563	1650574	-	6	12	ATG	TAG	0	0	
mORF_-_1650575	1650575	1650721	-	6	147	TTG	TAA	0	0	
mORF_-_1650618	1650618	1650704	-	4	87	ATG	TGA	0	0	
mORF_-_1650682	1650682	1650786	-	5	105	TTG	TAA	0	0	
mORF_-_1650744	1650744	1650758	-	4	15	GTG	TGA	0	0	
mORF_-_1650752	1650752	1650862	-	6	111	ATG	TAA	0	0	
mORF_-_1650783	1650783	1650803	-	4	21	ATG	TGA	0	0	
mORF_-_1650901	1650901	1651008	-	5	108	TTG	TAA	0	0	
mORF_-_1650920	1650920	1651963	-	6	1044	GTG	TAA	1	3	pORF_-_1650920
mORF_-_1650924	1650924	1650953	-	4	30	TTG	TGA	0	0	
mORF_-_1651051	1651051	1651086	-	5	36	ATG	TAA	0	0	
mORF_-_1651138	1651138	1651155	-	5	18	GTG	TGA	0	0	
mORF_-_1651152	1651152	1651232	-	4	81	TTG	TGA	0	0	
mORF_-_1651168	1651168	1651176	-	5	9	TTG	TGA	0	0	
mORF_-_1651213	1651213	1651239	-	5	27	ATG	TGA	0	0	
mORF_-_1651246	1651246	1651371	-	5	126	TTG	TAA	0	0	
mORF_-_1651372	1651372	1651377	-	5	6	ATG	TGA	0	0	
mORF_-_1651417	1651417	1651476	-	5	60	ATG	TGA	0	0	
mORF_-_1651483	1651483	1651497	-	5	15	TTG	TAA	0	0	
mORF_-_1651516	1651516	1651611	-	5	96	GTG	TAA	0	0	
mORF_-_1651542	1651542	1651556	-	4	15	GTG	TGA	0	0	
mORF_-_1651599	1651599	1651634	-	4	36	TTG	TGA	0	0	
mORF_-_1651644	1651644	1651667	-	4	24	TTG	TAA	0	0	
mORF_-_1651648	1651648	1651842	-	5	195	TTG	TAG	0	0	
mORF_-_1651818	1651818	1651832	-	4	15	TTG	TAG	0	0	
mORF_-_1651852	1651852	1651923	-	5	72	TTG	TAA	0	0	
mORF_-_1651944	1651944	1652297	-	4	354	ATG	TAA	0	0	
mORF_-_1651951	1651951	1653198	-	5	1248	ATG	TAA	0	0	
mORF_-_1652084	1652084	1652170	-	6	87	GTG	TAA	0	0	
mORF_-_1652301	1652301	1652339	-	4	39	TTG	TGA	0	0	
mORF_-_1652340	1652340	1652507	-	4	168	TTG	TGA	0	0	
mORF_-_1652375	1652375	1652425	-	6	51	ATG	TGA	0	0	
mORF_-_1652514	1652514	1652660	-	4	147	ATG	TAA	0	0	
mORF_-_1652576	1652576	1652638	-	6	63	GTG	TGA	0	0	
mORF_-_1652672	1652672	1652719	-	6	48	GTG	TAA	0	0	
mORF_-_1652700	1652700	1652783	-	4	84	TTG	TGA	0	0	
mORF_-_1652780	1652780	1652806	-	6	27	TTG	TGA	0	0	
mORF_-_1652814	1652814	1653074	-	4	261	TTG	TGA	0	0	
mORF_-_1652876	1652876	1652887	-	6	12	GTG	TAA	0	0	
mORF_-_1652951	1652951	1653013	-	6	63	TTG	TAA	0	0	
mORF_-_1653105	1653105	1653140	-	4	36	TTG	TAA	0	0	
mORF_-_1653146	1653146	1653334	-	6	189	GTG	TGA	0	0	
mORF_-_1653204	1653204	1653230	-	4	27	TTG	TAG	0	0	
mORF_-_1653259	1653259	1653300	-	5	42	TTG	TGA	0	0	
mORF_-_1653346	1653346	1653396	-	5	51	TTG	TAA	0	0	
mORF_-_1653363	1653363	1653413	-	4	51	TTG	TAA	0	0	
mORF_-_1653371	1653371	1653697	-	6	327	ATG	TAG	0	0	
mORF_-_1653400	1653400	1653420	-	5	21	TTG	TGA	0	0	

mORF_-_1653421	1653421	1653441	-	5	21	ATG	TGA	0	0
mORF_-_1653438	1653438	1653644	-	4	207	ATG	TGA	0	0
mORF_-_1653454	1653454	1653468	-	5	15	TTG	TGA	0	0
mORF_-_1653481	1653481	1653531	-	5	51	GTG	TGA	0	0
mORF_-_1653550	1653550	1653564	-	5	15	TTG	TAA	0	0
mORF_-_1653619	1653619	1653672	-	5	54	TTG	TAA	0	0
mORF_-_1653654	1653654	1653659	-	4	6	GTG	TGA	0	0
mORF_-_1653690	1653690	1653719	-	4	30	ATG	TAA	0	0
mORF_-_1653694	1653694	1653813	-	5	120	ATG	TGA	0	0
mORF_-_1653716	1653716	1653739	-	6	24	ATG	TGA	0	0
mORF_-_1653747	1653747	1653803	-	4	57	GTG	TGA	0	0
mORF_-_1653806	1653806	1653817	-	6	12	ATG	TAA	0	0
mORF_-_1653810	1653810	1653902	-	4	93	GTG	TGA	0	0
mORF_-_1653814	1653814	1654092	-	5	279	TTG	TGA	0	0
mORF_-_1653869	1653869	1653904	-	6	36	TTG	TAG	0	0
mORF_-_1653909	1653909	1654106	-	4	198	TTG	TGA	0	0
mORF_-_1653920	1653920	1653955	-	6	36	GTG	TAG	0	0
mORF_-_1654110	1654110	1654124	-	4	15	TTG	TAG	0	0
mORF_-_1654178	1654178	1654222	-	6	45	GTG	TAA	0	0
mORF_-_1654206	1654206	1654214	-	4	9	TTG	TAA	0	0
mORF_-_1654256	1654256	1654450	-	6	195	ATG	TAA	0	0
mORF_-_1654270	1654270	1654281	-	5	12	TTG	TGA	0	0
mORF_-_1654473	1654473	1654529	-	4	57	TTG	TAA	0	0
mORF_-_1654489	1654489	1654521	-	5	33	TTG	TGA	0	0
mORF_-_1654523	1654523	1654771	-	6	249	ATG	TAA	0	0
mORF_-_1654534	1654534	1654554	-	5	21	TTG	TAG	0	0
mORF_-_1654603	1654603	1654608	-	5	6	ATG	TGA	0	0
mORF_-_1654609	1654609	1654617	-	5	9	TTG	TAA	0	0
mORF_-_1654662	1654662	1654763	-	4	102	GTG	TAA	0	0
mORF_-_1654669	1654669	1654692	-	5	24	ATG	TGA	0	0
mORF_-_1654708	1654708	1654728	-	5	21	TTG	TGA	0	0
mORF_-_1654771	1654771	1655517	-	5	747	ATG	TAA	0	0
mORF_-_1654824	1654824	1654841	-	4	18	TTG	TAA	0	0
mORF_-_1654845	1654845	1654886	-	4	42	GTG	TAA	0	0
mORF_-_1654896	1654896	1654907	-	4	12	TTG	TAA	0	0
mORF_-_1654944	1654944	1655042	-	4	99	ATG	TAG	0	0
mORF_-_1655082	1655082	1655099	-	4	18	ATG	TGA	0	0
mORF_-_1655096	1655096	1655146	-	6	51	ATG	TGA	0	0
mORF_-_1655136	1655136	1655294	-	4	159	GTG	TAG	0	0
mORF_-_1655301	1655301	1655318	-	4	18	ATG	TGA	0	0
mORF_-_1655343	1655343	1655378	-	4	36	ATG	TAA	0	0
mORF_-_1655415	1655415	1655432	-	4	18	GTG	TAA	0	0
mORF_-_1655429	1655429	1655461	-	6	33	ATG	TGA	0	0
mORF_-_1655478	1655478	1655483	-	4	6	TTG	TGA	0	0
mORF_-_1655487	1655487	1655513	-	4	27	TTG	TGA	0	0
mORF_-_1655514	1655514	1655525	-	4	12	TTG	TGA	0	0
mORF_-_1655536	1655536	1655541	-	5	6	GTG	TAA	0	0
mORF_-_1655543	1655543	1655749	-	6	207	TTG	TAA	0	0
mORF_-_1655584	1655584	1655691	-	5	108	GTG	TAA	0	0
mORF_-_1655733	1655733	1655897	-	4	165	GTG	TAA	0	0
mORF_-_1655816	1655816	1655950	-	6	135	ATG	TAG	0	0
mORF_-_1655899	1655899	1655970	-	5	72	ATG	TAA	0	0
mORF_-_1656000	1656000	1656008	-	4	9	TTG	TAA	0	0
mORF_-_1656039	1656039	1656227	-	4	189	TTG	TAG	0	0
mORF_-_1656062	1656062	1656361	-	6	300	TTG	TAA	0	0
mORF_-_1656121	1656121	1656135	-	5	15	GTG	TGA	0	0
mORF_-_1656265	1656265	1656288	-	5	24	GTG	TGA	0	0
mORF_-_1656294	1656294	1656539	-	4	246	TTG	TAG	0	0
mORF_-_1656365	1656365	1656397	-	6	33	ATG	TGA	0	0
mORF_-_1656409	1656409	1656438	-	5	30	TTG	TAA	0	0
mORF_-_1656431	1656431	1656547	-	6	117	TTG	TAA	0	0
mORF_-_1656505	1656505	1656612	-	5	108	ATG	TAG	0	0
mORF_-_1656563	1656563	1656628	-	6	66	TTG	TGA	0	0

mORF_-_1656625	1656625	1656657	-	5	33	GTG	TGA	0	0
mORF_-_1656644	1656644	1656661	-	6	18	TTG	TAG	0	0
mORF_-_1656654	1656654	1656998	-	4	345	TTG	TGA	0	0
mORF_-_1656674	1656674	1656703	-	6	30	ATG	TAG	0	0
mORF_-_1656707	1656707	1656712	-	6	6	GTG	TAG	0	0
mORF_-_1656713	1656713	1656820	-	6	108	GTG	TAG	0	0
mORF_-_1656821	1656821	1656937	-	6	117	GTG	TAA	0	0
mORF_-_1656976	1656976	1657056	-	5	81	GTG	TAA	0	0
mORF_-_1657025	1657025	1657060	-	6	36	TTG	TAG	0	0
mORF_-_1657041	1657041	1657229	-	4	189	TTG	TAA	0	0
mORF_-_1657079	1657079	1657189	-	6	111	GTG	TAG	0	0
mORF_-_1657165	1657165	1657257	-	5	93	GTG	TGA	0	0
mORF_-_1657202	1657202	1657300	-	6	99	ATG	TAA	0	0
mORF_-_1657334	1657334	1657381	-	6	48	TTG	TAG	0	0
mORF_-_1657378	1657378	1657389	-	5	12	TTG	TGA	0	0
mORF_-_1657386	1657386	1657553	-	4	168	ATG	TGA	0	0
mORF_-_1657414	1657414	1657443	-	5	30	TTG	TAG	0	0
mORF_-_1657421	1657421	1657495	-	6	75	ATG	TGA	0	0
mORF_-_1657526	1657526	1657636	-	6	111	ATG	TGA	0	0
mORF_-_1657606	1657606	1657623	-	5	18	TTG	TAA	0	0
mORF_-_1657614	1657614	1657841	-	4	228	TTG	TGA	0	0
mORF_-_1657688	1657688	1657753	-	6	66	TTG	TAG	0	0
mORF_-_1657808	1657808	1657876	-	6	69	TTG	TGA	0	0
mORF_-_1657816	1657816	1657995	-	5	180	GTG	TGA	0	0
mORF_-_1657845	1657845	1657853	-	4	9	ATG	TAA	0	0
mORF_-_1657887	1657887	1657949	-	4	63	ATG	TAA	0	0
mORF_-_1657922	1657922	1657942	-	6	21	TTG	TAG	0	0
mORF_-_1657958	1657958	1657963	-	6	6	TTG	TAG	0	0
mORF_-_1657996	1657996	1658151	-	5	156	GTG	TAA	0	0
mORF_-_1658106	1658106	1658309	-	4	204	ATG	TGA	0	0
mORF_-_1658171	1658171	1658176	-	6	6	TTG	TAA	0	0
mORF_-_1658195	1658195	1658203	-	6	9	TTG	TAG	0	0
mORF_-_1658231	1658231	1658809	-	6	579	GTG	TGA	0	0
mORF_-_1658302	1658302	1658346	-	5	45	GTG	TAA	0	0
mORF_-_1658325	1658325	1658423	-	4	99	ATG	TAG	0	0
mORF_-_1658368	1658368	1658466	-	5	99	GTG	TAG	0	0
mORF_-_1658460	1658460	1658702	-	4	243	TTG	TGA	0	0
mORF_-_1658491	1658491	1658550	-	5	60	ATG	TAG	0	0
mORF_-_1658620	1658620	1658673	-	5	54	TTG	TGA	0	0
mORF_-_1658683	1658683	1658694	-	5	12	ATG	TGA	0	0
mORF_-_1658784	1658784	1658861	-	4	78	ATG	TAA	0	0
mORF_-_1658877	1658877	1659056	-	4	180	ATG	TAA	0	0
mORF_-_1658909	1658909	1659004	-	6	96	ATG	TGA	0	0
mORF_-_1659035	1659035	1659097	-	6	63	TTG	TAA	0	0
mORF_-_1659091	1659091	1659102	-	5	12	TTG	TGA	0	0
mORF_-_1659099	1659099	1659320	-	4	222	TTG	TGA	0	0
mORF_-_1659142	1659142	1659171	-	5	30	GTG	TGA	0	0
mORF_-_1659175	1659175	1659186	-	5	12	TTG	TGA	0	0
mORF_-_1659191	1659191	1659304	-	6	114	GTG	TAA	0	0
mORF_-_1659301	1659301	1659342	-	5	42	GTG	TGA	0	0
mORF_-_1659308	1659308	1659355	-	6	48	ATG	TAG	0	0
mORF_-_1659333	1659333	1659554	-	4	222	ATG	TGA	0	0
mORF_-_1659352	1659352	1659432	-	5	81	GTG	TGA	0	0
mORF_-_1659365	1659365	1659472	-	6	108	ATG	TAA	0	0
mORF_-_1659460	1659460	1659543	-	5	84	GTG	TAA	0	0
mORF_-_1659479	1659479	1659496	-	6	18	TTG	TGA	0	0
mORF_-_1659509	1659509	1659535	-	6	27	TTG	TAA	0	0
mORF_-_1659563	1659563	1659631	-	6	69	ATG	TAG	0	0
mORF_-_1659595	1659595	1659618	-	5	24	TTG	TAG	0	0
mORF_-_1659646	1659646	1659738	-	5	93	ATG	TAA	0	0
mORF_-_1659672	1659672	1659734	-	4	63	TTG	TGA	0	0
mORF_-_1659695	1659695	1659973	-	6	279	TTG	TGA	0	0
mORF_-_1659798	1659798	1659908	-	4	111	ATG	TGA	0	0

mORF_-_1659883	1659883	1659888	-	5	6	ATG	TAA	0	0
mORF_-_1659970	1659970	1660002	-	5	33	ATG	TGA	0	0
mORF_-_1659978	1659978	1660208	-	4	231	TTG	TAA	0	0
mORF_-_1659986	1659986	1660009	-	6	24	TTG	TAG	0	0
mORF_-_1660010	1660010	1660027	-	6	18	TTG	TGA	0	0
mORF_-_1660028	1660028	1660033	-	6	6	GTG	TGA	0	0
mORF_-_1660046	1660046	1660093	-	6	48	ATG	TGA	0	0
mORF_-_1660105	1660105	1660143	-	5	39	TTG	TAG	0	0
mORF_-_1660159	1660159	1660224	-	5	66	TTG	TAA	0	0
mORF_-_1660190	1660190	1660243	-	6	54	ATG	TAG	0	0
mORF_-_1660244	1660244	1660270	-	6	27	TTG	TAG	0	0
mORF_-_1660275	1660275	1660571	-	4	297	ATG	TAA	0	0
mORF_-_1660316	1660316	1660333	-	6	18	TTG	TGA	0	0
mORF_-_1660408	1660408	1660488	-	5	81	GTG	TAA	0	0
mORF_-_1660564	1660564	1660716	-	5	153	GTG	TAA	0	0
mORF_-_1660641	1660641	1660673	-	4	33	GTG	TAA	0	0
mORF_-_1660655	1660655	1660660	-	6	6	TTG	TAA	0	0
mORF_-_1660679	1660679	1660738	-	6	60	ATG	TAG	0	0
mORF_-_1660698	1660698	1660937	-	4	240	GTG	TAA	0	0
mORF_-_1660729	1660729	1660752	-	5	24	GTG	TGA	0	0
mORF_-_1660763	1660763	1660855	-	6	93	ATG	TGA	0	0
mORF_-_1660786	1660786	1660818	-	5	33	TTG	TAA	0	0
mORF_-_1660904	1660904	1660921	-	6	18	TTG	TGA	0	0
mORF_-_1660918	1660918	1661538	-	5	621	ATG	TGA	0	0
mORF_-_1660934	1660934	1660978	-	6	45	TTG	TGA	0	0
mORF_-_1660944	1660944	1661087	-	4	144	TTG	TGA	0	0
mORF_-_1661000	1661000	1661023	-	6	24	GTG	TAA	0	0
mORF_-_1661114	1661114	1661524	-	6	411	GTG	TGA	0	0
mORF_-_1661196	1661196	1661207	-	4	12	ATG	TAA	0	0
mORF_-_1661322	1661322	1661381	-	4	60	ATG	TAG	0	0
mORF_-_1661400	1661400	1661600	-	4	201	GTG	TAA	0	0
mORF_-_1661540	1661540	1661545	-	6	6	TTG	TGA	0	0
mORF_-_1661604	1661604	1661660	-	4	57	GTG	TAA	0	0
mORF_-_1661612	1661612	1661824	-	6	213	GTG	TAG	0	0
mORF_-_1661683	1661683	1661736	-	5	54	TTG	TGA	0	0
mORF_-_1661752	1661752	1662012	-	5	261	ATG	TGA	0	0
mORF_-_1661817	1661817	1661837	-	4	21	GTG	TGA	0	0
mORF_-_1661927	1661927	1661965	-	6	39	TTG	TAA	0	0
mORF_-_1661984	1661984	1662253	-	6	270	GTG	TAA	0	0
mORF_-_1662009	1662009	1662059	-	4	51	TTG	TGA	0	0
mORF_-_1662040	1662040	1662051	-	5	12	GTG	TGA	0	0
mORF_-_1662073	1662073	1662183	-	5	111	ATG	TAA	0	0
mORF_-_1662078	1662078	1662134	-	4	57	TTG	TAG	0	0
mORF_-_1662153	1662153	1662158	-	4	6	ATG	TAA	0	0
mORF_-_1662159	1662159	1662173	-	4	15	ATG	TAA	0	0
mORF_-_1662246	1662246	1662278	-	4	33	GTG	TAG	0	0
mORF_-_1662254	1662254	1662268	-	6	15	TTG	TGA	0	0
mORF_-_1662289	1662289	1662360	-	5	72	ATG	TAA	0	0
mORF_-_1662323	1662323	1662379	-	6	57	GTG	TAA	0	0
mORF_-_1662376	1662376	1662411	-	5	36	ATG	TGA	0	0
mORF_-_1662401	1662401	1662514	-	6	114	ATG	TAG	0	0
mORF_-_1662445	1662445	1662459	-	5	15	ATG	TAA	0	0
mORF_-_1662474	1662474	1662512	-	4	39	GTG	TAG	0	0
mORF_-_1662516	1662516	1662623	-	4	108	GTG	TGA	0	0
mORF_-_1662524	1662524	1662538	-	6	15	ATG	TAA	0	0
mORF_-_1662542	1662542	1662550	-	6	9	TTG	TGA	0	0
mORF_-_1662595	1662595	1662642	-	5	48	GTG	TAA	0	0
mORF_-_1662639	1662639	1663010	-	4	372	GTG	TGA	0	0
mORF_-_1662686	1662686	1662733	-	6	48	GTG	TAA	0	0
mORF_-_1662833	1662833	1662910	-	6	78	ATG	TGA	0	0
mORF_-_1662850	1662850	1662873	-	5	24	ATG	TGA	0	0
mORF_-_1662917	1662917	1662991	-	6	75	GTG	TGA	0	0
mORF_-_1663004	1663004	1663045	-	6	42	GTG	TGA	0	0

mORF_-_1663026	1663026	1663103	-	4	78	GTG	TAA	0	0	
mORF_-_1663079	1663079	1663099	-	6	21	TTG	TAA	0	0	
mORF_-_1663100	1663100	1663105	-	6	6	TTG	TGA	0	0	
mORF_-_1663109	1663109	1663150	-	6	42	GTG	TAA	0	0	
mORF_-_1663125	1663125	1663184	-	4	60	TTG	TAA	0	0	
mORF_-_1663175	1663175	1663192	-	6	18	TTG	TAA	0	0	
mORF_-_1663200	1663200	1663211	-	4	12	GTG	TAA	0	0	
mORF_-_1663208	1663208	1663294	-	6	87	ATG	TGA	0	0	
mORF_-_1663225	1663225	1663311	-	5	87	ATG	TAA	0	0	
mORF_-_1663284	1663284	1663304	-	4	21	ATG	TGA	0	0	
mORF_-_1663308	1663308	1663319	-	4	12	ATG	TGA	0	0	
mORF_-_1663312	1663312	1663410	-	5	99	ATG	TAG	0	0	
mORF_-_1663320	1663320	1663337	-	4	18	GTG	TAG	0	0	
mORF_-_1663355	1663355	1663363	-	6	9	TTG	TAA	0	0	
mORF_-_1663407	1663407	1663466	-	4	60	TTG	TGA	0	0	
mORF_-_1663463	1663463	1663477	-	6	15	TTG	TGA	0	0	
mORF_-_1663501	1663501	1663608	-	5	108	TTG	TAG	0	0	
mORF_-_1663559	1663559	1663636	-	6	78	TTG	TAA	0	0	
mORF_-_1663643	1663643	1663687	-	6	45	TTG	TAA	0	0	
mORF_-_1663714	1663714	1663746	-	5	33	TTG	TAA	0	0	
mORF_-_1663751	1663751	1663759	-	6	9	GTG	TAA	0	0	
mORF_-_1663815	1663815	1663931	-	4	117	TTG	TAG	0	0	
mORF_-_1663840	1663840	1663944	-	5	105	ATG	TAA	0	0	
mORF_-_1663898	1663898	1663918	-	6	21	ATG	TAA	0	0	
mORF_-_1663954	1663954	1663971	-	5	18	TTG	TAA	0	0	
mORF_-_1663959	1663959	1663964	-	4	6	TTG	TAG	0	0	
mORF_-_1664012	1664012	1664047	-	6	36	GTG	TGA	0	0	
mORF_-_1664059	1664059	1664115	-	5	57	TTG	TAA	0	0	
mORF_-_1664073	1664073	1664177	-	4	105	TTG	TGA	0	0	
mORF_-_1664093	1664093	1664122	-	6	30	GTG	TGA	0	0	
mORF_-_1664122	1664122	1664196	-	5	75	TTG	TAG	0	0	
mORF_-_1664156	1664156	1664218	-	6	63	GTG	TGA	0	0	
mORF_-_1664181	1664181	1664438	-	4	258	GTG	TAG	0	0	
mORF_-_1664228	1664228	1664290	-	6	63	GTG	TGA	0	0	
mORF_-_1664303	1664303	1664308	-	6	6	GTG	TAA	0	0	
mORF_-_1664387	1664387	1664422	-	6	36	GTG	TAA	0	0	
mORF_-_1664395	1664395	1664442	-	5	48	GTG	TAA	0	0	
mORF_-_1664548	1664548	1665255	-	5	708	GTG	TAA	9	22	pORF_-_1664548
mORF_-_1664565	1664565	1664579	-	4	15	GTG	TAG	0	0	
mORF_-_1664592	1664592	1664744	-	4	153	TTG	TAG	0	0	
mORF_-_1664781	1664781	1664822	-	4	42	TTG	TAA	0	0	
mORF_-_1664795	1664795	1664857	-	6	63	ATG	TAA	0	0	
mORF_-_1664850	1664850	1664879	-	4	30	ATG	TAG	0	0	
mORF_-_1664876	1664876	1664983	-	6	108	TTG	TGA	0	0	
mORF_-_1664910	1664910	1664921	-	4	12	ATG	TAG	0	0	
mORF_-_1665012	1665012	1665080	-	4	69	ATG	TAA	0	0	
mORF_-_1665123	1665123	1665143	-	4	21	TTG	TAG	0	0	
mORF_-_1665131	1665131	1665268	-	6	138	GTG	TAA	0	0	
mORF_-_1665265	1665265	1665270	-	5	6	TTG	TGA	0	0	
mORF_-_1665304	1665304	1665342	-	5	39	TTG	TAG	0	0	
mORF_-_1665368	1665368	1666588	-	6	1221	GTG	TAA	0	0	
mORF_-_1665418	1665418	1665471	-	5	54	TTG	TAA	0	0	
mORF_-_1665556	1665556	1665570	-	5	15	TTG	TAA	0	0	
mORF_-_1665588	1665588	1665689	-	4	102	GTG	TAA	0	0	
mORF_-_1665598	1665598	1665627	-	5	30	ATG	TGA	0	0	
mORF_-_1665703	1665703	1665717	-	5	15	ATG	TAA	0	0	
mORF_-_1665730	1665730	1665831	-	5	102	ATG	TGA	0	0	
mORF_-_1665762	1665762	1665815	-	4	54	TTG	TGA	0	0	
mORF_-_1665853	1665853	1665897	-	5	45	ATG	TAG	0	0	
mORF_-_1665867	1665867	1665995	-	4	129	ATG	TAG	0	0	
mORF_-_1665943	1665943	1666008	-	5	66	ATG	TGA	0	0	
mORF_-_1666069	1666069	1666119	-	5	51	TTG	TAA	0	0	
mORF_-_1666135	1666135	1666143	-	5	9	TTG	TAA	0	0	

mORF_-_1666150	1666150	1666230	-	5	81	ATG	TAA	0	0	
mORF_-_1666276	1666276	1666515	-	5	240	TTG	TGA	0	0	
mORF_-_1666549	1666549	1666692	-	5	144	GTG	TAA	0	0	
mORF_-_1666599	1666599	1666649	-	4	51	TTG	TAG	0	0	
mORF_-_1666667	1666667	1666726	-	6	60	GTG	TAA	0	0	
mORF_-_1666683	1666683	1666736	-	4	54	ATG	TAA	0	0	
mORF_-_1666723	1666723	1667616	-	5	894	ATG	TGA	0	0	
mORF_-_1666737	1666737	1666895	-	4	159	GTG	TGA	0	0	
mORF_-_1666778	1666778	1666804	-	6	27	GTG	TGA	0	0	
mORF_-_1666980	1666980	1667036	-	4	57	TTG	TGA	0	0	
mORF_-_1667064	1667064	1667069	-	4	6	ATG	TAA	0	0	
mORF_-_1667103	1667103	1667198	-	4	96	TTG	TGA	0	0	
mORF_-_1667226	1667226	1667417	-	4	192	TTG	TGA	0	0	
mORF_-_1667439	1667439	1667483	-	4	45	TTG	TGA	0	0	
mORF_-_1667535	1667535	1667609	-	4	75	TTG	TGA	0	0	
mORF_-_1667619	1667619	1667627	-	4	9	ATG	TAA	0	0	
mORF_-_1667642	1667642	1667662	-	6	21	TTG	TAA	0	0	
mORF_-_1667678	1667678	1667821	-	6	144	TTG	TAG	0	0	
mORF_-_1667719	1667719	1667781	-	5	63	ATG	TGA	0	0	
mORF_-_1667733	1667733	1667792	-	4	60	TTG	TAG	0	0	
mORF_-_1667794	1667794	1667835	-	5	42	GTG	TGA	0	0	
mORF_-_1667832	1667832	1667873	-	4	42	GTG	TGA	0	0	
mORF_-_1667878	1667878	1668159	-	5	282	ATG	TAG	0	0	
mORF_-_1667892	1667892	1667951	-	4	60	GTG	TAG	0	0	
mORF_-_1668036	1668036	1668080	-	4	45	TTG	TGA	0	0	
mORF_-_1668068	1668068	1668097	-	6	30	GTG	TAA	0	0	
mORF_-_1668134	1668134	1668184	-	6	51	ATG	TAA	0	0	
mORF_-_1668163	1668163	1668489	-	5	327	GTG	TAA	0	0	
mORF_-_1668168	1668168	1668206	-	4	39	TTG	TAA	0	0	
mORF_-_1668219	1668219	1668233	-	4	15	TTG	TGA	0	0	
mORF_-_1668282	1668282	1668365	-	4	84	GTG	TGA	0	0	
mORF_-_1668362	1668362	1668424	-	6	63	GTG	TGA	0	0	
mORF_-_1668446	1668446	1668535	-	6	90	ATG	TAA	0	0	
mORF_-_1668499	1668499	1668504	-	5	6	ATG	TAA	0	0	
mORF_-_1668537	1668537	1668596	-	4	60	GTG	TGA	0	0	
mORF_-_1668571	1668571	1668618	-	5	48	GTG	TAA	0	0	
mORF_-_1668690	1668690	1668788	-	4	99	TTG	TGA	0	0	
mORF_-_1668731	1668731	1668754	-	6	24	GTG	TGA	0	0	
mORF_-_1668755	1668755	1668970	-	6	216	GTG	TGA	0	0	
mORF_-_1668825	1668825	1668908	-	4	84	ATG	TGA	0	0	
mORF_-_1668883	1668883	1668930	-	5	48	ATG	TAG	0	0	
mORF_-_1669014	1669014	1669115	-	4	102	TTG	TAA	0	0	
mORF_-_1669025	1669025	1669144	-	6	120	ATG	TGA	0	0	
mORF_-_1669167	1669167	1669205	-	4	39	TTG	TAG	0	0	
mORF_-_1669224	1669224	1669259	-	4	36	TTG	TAG	0	0	
mORF_-_1669235	1669235	1669243	-	6	9	GTG	TAA	0	0	
mORF_-_1669240	1669240	1669245	-	5	6	TTG	TGA	0	0	
mORF_-_1669269	1669269	1669316	-	4	48	GTG	TAA	0	0	
mORF_-_1669273	1669273	1669329	-	5	57	ATG	TGA	0	0	
mORF_-_1669292	1669292	1669312	-	6	21	GTG	TAA	0	0	
mORF_-_1669344	1669344	1669400	-	4	57	TTG	TAA	0	0	
mORF_-_1669349	1669349	1669384	-	6	36	TTG	TGA	0	0	
mORF_-_1669369	1669369	1669506	-	5	138	TTG	TAA	0	0	
mORF_-_1669412	1669412	1669696	-	6	285	TTG	TAA	1	5	pORF_-_1669412
mORF_-_1669470	1669470	1669481	-	4	12	GTG	TAG	0	0	
mORF_-_1669524	1669524	1669556	-	4	33	GTG	TAG	0	0	
mORF_-_1669578	1669578	1669694	-	4	117	GTG	TAG	0	0	
mORF_-_1669588	1669588	1669656	-	5	69	TTG	TGA	0	0	
mORF_-_1669669	1669669	1669716	-	5	48	TTG	TGA	0	0	
mORF_-_1669751	1669751	1669780	-	6	30	GTG	TAA	0	0	
mORF_-_1669812	1669812	1669838	-	4	27	ATG	TAA	0	0	
mORF_-_1669841	1669841	1669855	-	6	15	GTG	TAA	0	0	
mORF_-_1669872	1669872	1669916	-	4	45	ATG	TAA	0	0	

mORF_-_1669936	1669936	1670139	-	5	204	TTG	TAA	0	0	
mORF_-_1669952	1669952	1670017	-	6	66	TTG	TAA	0	0	
mORF_-_1669965	1669965	1670090	-	4	126	GTG	TAA	0	0	
mORF_-_1670018	1670018	1670074	-	6	57	TTG	TAA	0	0	
mORF_-_1670084	1670084	1670353	-	6	270	GTG	TGA	0	0	
mORF_-_1670103	1670103	1670213	-	4	111	TTG	TGA	0	0	
mORF_-_1670140	1670140	1670163	-	5	24	TTG	TGA	0	0	
mORF_-_1670221	1670221	1670235	-	5	15	GTG	TAA	0	0	
mORF_-_1670293	1670293	1670325	-	5	33	GTG	TGA	0	0	
mORF_-_1670313	1670313	1670456	-	4	144	ATG	TAG	0	0	
mORF_-_1670495	1670495	1670623	-	6	129	GTG	TAA	0	0	
mORF_-_1670506	1670506	1670607	-	5	102	TTG	TAA	0	0	
mORF_-_1670620	1670620	1670691	-	5	72	TTG	TGA	0	0	
mORF_-_1670625	1670625	1670780	-	4	156	TTG	TGA	0	0	
mORF_-_1670692	1670692	1670799	-	5	108	TTG	TAA	0	0	
mORF_-_1670762	1670762	1670851	-	6	90	TTG	TAA	0	0	
mORF_-_1670809	1670809	1670844	-	5	36	ATG	TGA	0	0	
mORF_-_1670844	1670844	1671173	-	4	330	ATG	TGA	0	0	
mORF_-_1670864	1670864	1670893	-	6	30	TTG	TGA	0	0	
mORF_-_1670902	1670902	1670973	-	5	72	GTG	TAA	0	0	
mORF_-_1670909	1670909	1670923	-	6	15	TTG	TAA	0	0	
mORF_-_1670942	1670942	1671064	-	6	123	TTG	TAG	0	0	
mORF_-_1671095	1671095	1671163	-	6	69	TTG	TGA	0	0	
mORF_-_1671106	1671106	1671159	-	5	54	ATG	TAA	0	0	
mORF_-_1671160	1671160	1671525	-	5	366	ATG	TGA	0	0	
mORF_-_1671222	1671222	1671230	-	4	9	TTG	TGA	0	0	
mORF_-_1671249	1671249	1671260	-	4	12	TTG	TAA	0	0	
mORF_-_1671267	1671267	1671344	-	4	78	ATG	TGA	0	0	
mORF_-_1671299	1671299	1671337	-	6	39	GTG	TAG	0	0	
mORF_-_1671417	1671417	1671443	-	4	27	GTG	TAA	0	0	
mORF_-_1671440	1671440	1671541	-	6	102	TTG	TGA	0	0	
mORF_-_1671459	1671459	1671491	-	4	33	TTG	TGA	0	0	
mORF_-_1671563	1671563	1671580	-	6	18	TTG	TAA	0	0	
mORF_-_1671568	1671568	1671660	-	5	93	GTG	TGA	0	0	
mORF_-_1671591	1671591	1671605	-	4	15	ATG	TGA	0	0	
mORF_-_1671632	1671632	1671802	-	6	171	GTG	TAG	0	0	
mORF_-_1671738	1671738	1671743	-	4	6	TTG	TAA	0	0	
mORF_-_1671744	1671744	1671818	-	4	75	ATG	TAA	0	0	
mORF_-_1671829	1671829	1671837	-	5	9	TTG	TAA	0	0	
mORF_-_1671834	1671834	1671848	-	4	15	GTG	TGA	0	0	
mORF_-_1671845	1671845	1671943	-	6	99	TTG	TGA	0	0	
mORF_-_1671876	1671876	1672151	-	4	276	ATG	TAA	0	0	
mORF_-_1672046	1672046	1672057	-	6	12	ATG	TAA	0	0	
mORF_-_1672057	1672057	1672095	-	5	39	GTG	TAA	0	0	
mORF_-_1672179	1672179	1672232	-	4	54	TTG	TAA	0	0	
mORF_-_1672216	1672216	1672275	-	5	60	TTG	TAA	0	0	
mORF_-_1672294	1672294	1672314	-	5	21	ATG	TGA	0	0	
mORF_-_1672314	1672314	1672379	-	4	66	ATG	TAA	0	0	
mORF_-_1672370	1672370	1672387	-	6	18	TTG	TAG	0	0	
mORF_-_1672393	1672393	1672521	-	5	129	ATG	TAA	0	0	
mORF_-_1672415	1672415	1672435	-	6	21	GTG	TAA	0	0	
mORF_-_1672521	1672521	1672556	-	4	36	GTG	TAA	0	0	
mORF_-_1672553	1672553	1672588	-	6	36	GTG	TGA	0	0	
mORF_-_1672634	1672634	1672672	-	6	39	TTG	TAA	0	0	
mORF_-_1672638	1672638	1672643	-	4	6	ATG	TAA	0	0	
mORF_-_1672710	1672710	1672901	-	4	192	TTG	TAG	0	0	
mORF_-_1672784	1672784	1672891	-	6	108	TTG	TGA	0	0	
mORF_-_1672852	1672852	1672932	-	5	81	TTG	TAA	0	0	
mORF_-_1672929	1672929	1672961	-	4	33	TTG	TGA	0	0	
mORF_-_1672996	1672996	1674384	-	5	1389	ATG	TAA	42	723	pORF_-_1672996
mORF_-_1673007	1673007	1673093	-	4	87	ATG	TGA	0	0	
mORF_-_1673103	1673103	1673123	-	4	21	TTG	TGA	0	0	
mORF_-_1673114	1673114	1673143	-	6	30	GTG	TAA	0	0	

mORF_-_1673124	1673124	1673222	-	4	99	TTG	TGA	0	0	
mORF_-_1673223	1673223	1673288	-	4	66	ATG	TGA	0	0	
mORF_-_1673319	1673319	1673378	-	4	60	GTG	TGA	0	0	
mORF_-_1673475	1673475	1673573	-	4	99	TTG	TGA	0	0	
mORF_-_1673595	1673595	1673651	-	4	57	GTG	TGA	0	0	
mORF_-_1673603	1673603	1673608	-	6	6	GTG	TAA	0	0	
mORF_-_1673655	1673655	1673660	-	4	6	TTG	TGA	0	0	
mORF_-_1673721	1673721	1673756	-	4	36	GTG	TGA	0	0	
mORF_-_1673769	1673769	1673795	-	4	27	TTG	TAG	0	0	
mORF_-_1673808	1673808	1673858	-	4	51	TTG	TGA	0	0	
mORF_-_1673919	1673919	1673945	-	4	27	GTG	TGA	0	0	
mORF_-_1673927	1673927	1673947	-	6	21	GTG	TAA	0	0	
mORF_-_1674018	1674018	1674083	-	4	66	TTG	TGA	0	0	
mORF_-_1674144	1674144	1674236	-	4	93	TTG	TGA	0	0	
mORF_-_1674249	1674249	1674353	-	4	105	TTG	TAA	0	0	
mORF_-_1674395	1674395	1675981	-	6	1587	GTG	TAA	77	1825	pORF_-_1674395
mORF_-_1674430	1674430	1674444	-	5	15	GTG	TGA	0	0	
mORF_-_1674463	1674463	1674537	-	5	75	TTG	TAG	0	0	
mORF_-_1674492	1674492	1674602	-	4	111	GTG	TAG	0	0	
mORF_-_1674568	1674568	1674690	-	5	123	TTG	TGA	0	0	
mORF_-_1674723	1674723	1674746	-	4	24	ATG	TAA	0	0	
mORF_-_1674760	1674760	1674843	-	5	84	GTG	TGA	0	0	
mORF_-_1674865	1674865	1674885	-	5	21	TTG	TGA	0	0	
mORF_-_1674882	1674882	1674914	-	4	33	GTG	TGA	0	0	
mORF_-_1674922	1674922	1674999	-	5	78	TTG	TGA	0	0	
mORF_-_1675000	1675000	1675086	-	5	87	TTG	TGA	0	0	
mORF_-_1675087	1675087	1675092	-	5	6	GTG	TGA	0	0	
mORF_-_1675102	1675102	1675122	-	5	21	GTG	TGA	0	0	
mORF_-_1675129	1675129	1675203	-	5	75	TTG	TAA	0	0	
mORF_-_1675240	1675240	1675257	-	5	18	ATG	TGA	0	0	
mORF_-_1675327	1675327	1675416	-	5	90	TTG	TGA	0	0	
mORF_-_1675423	1675423	1675503	-	5	81	TTG	TGA	0	0	
mORF_-_1675597	1675597	1675614	-	5	18	TTG	TGA	0	0	
mORF_-_1675678	1675678	1675698	-	5	21	ATG	TGA	0	0	
mORF_-_1675699	1675699	1675710	-	5	12	ATG	TAG	0	0	
mORF_-_1675753	1675753	1675794	-	5	42	TTG	TAG	0	0	
mORF_-_1675846	1675846	1675893	-	5	48	ATG	TGA	0	0	
mORF_-_1675897	1675897	1675920	-	5	24	TTG	TAA	0	0	
mORF_-_1675948	1675948	1675983	-	5	36	GTG	TAA	0	0	
mORF_-_1675971	1675971	1676081	-	4	111	TTG	TGA	0	0	
mORF_-_1676059	1676059	1676109	-	5	51	TTG	TAA	0	0	
mORF_-_1676114	1676114	1676215	-	6	102	GTG	TAA	0	0	
mORF_-_1676122	1676122	1676232	-	5	111	ATG	TGA	0	0	
mORF_-_1676148	1676148	1676222	-	4	75	GTG	TAA	0	0	
mORF_-_1676232	1676232	1676249	-	4	18	TTG	TAA	0	0	
mORF_-_1676260	1676260	1676298	-	5	39	ATG	TGA	0	0	
mORF_-_1676291	1676291	1676308	-	6	18	ATG	TAA	0	0	
mORF_-_1676305	1676305	1676382	-	5	78	TTG	TGA	0	0	
mORF_-_1676364	1676364	1676369	-	4	6	GTG	TAA	0	0	
mORF_-_1676373	1676373	1676921	-	4	549	TTG	TAA	0	0	
mORF_-_1676386	1676386	1676433	-	5	48	TTG	TGA	0	0	
mORF_-_1676402	1676402	1676467	-	6	66	GTG	TAA	0	0	
mORF_-_1676458	1676458	1676484	-	5	27	GTG	TAA	0	0	
mORF_-_1676494	1676494	1676502	-	5	9	ATG	TAG	0	0	
mORF_-_1676509	1676509	1676532	-	5	24	GTG	TAA	0	0	
mORF_-_1676593	1676593	1676748	-	5	156	TTG	TAG	0	0	
mORF_-_1676654	1676654	1676668	-	6	15	GTG	TAA	0	0	
mORF_-_1676789	1676789	1676824	-	6	36	GTG	TGA	0	0	
mORF_-_1676837	1676837	1676875	-	6	39	TTG	TAG	0	0	
mORF_-_1676869	1676869	1676883	-	5	15	TTG	TGA	0	0	
mORF_-_1676906	1676906	1676911	-	6	6	ATG	TAG	0	0	
mORF_-_1676918	1676918	1676965	-	6	48	ATG	TGA	0	0	
mORF_-_1676953	1676953	1676961	-	5	9	ATG	TAA	0	0	

mORF_-_1677097	1677097	1677150	-	5	54	TTG	TAG	0	0
mORF_-_1677147	1677147	1677332	-	4	186	GTG	TGA	0	0
mORF_-_1677161	1677161	1677259	-	6	99	TTG	TAA	0	0
mORF_-_1677260	1677260	1677271	-	6	12	ATG	TAG	0	0
mORF_-_1677326	1677326	1677337	-	6	12	GTG	TAA	0	0
mORF_-_1677396	1677396	1677440	-	4	45	ATG	TAG	0	0
mORF_-_1677400	1677400	1677483	-	5	84	ATG	TGA	0	0
mORF_-_1677443	1677443	1677514	-	6	72	TTG	TAA	0	0
mORF_-_1677447	1677447	1677560	-	4	114	GTG	TGA	0	0
mORF_-_1677557	1677557	1677571	-	6	15	GTG	TGA	0	0
mORF_-_1677564	1677564	1677608	-	4	45	GTG	TAA	0	0
mORF_-_1677568	1677568	1677768	-	5	201	ATG	TGA	0	0
mORF_-_1677609	1677609	1677632	-	4	24	TTG	TGA	0	0
mORF_-_1677629	1677629	1677664	-	6	36	TTG	TGA	0	0
mORF_-_1677651	1677651	1677695	-	4	45	GTG	TGA	0	0
mORF_-_1677795	1677795	1677845	-	4	51	ATG	TAA	0	0
mORF_-_1677799	1677799	1677876	-	5	78	TTG	TAG	0	0
mORF_-_1677883	1677883	1677927	-	5	45	GTG	TAG	0	0
mORF_-_1677908	1677908	1677967	-	6	60	TTG	TAA	0	0
mORF_-_1677918	1677918	1677983	-	4	66	ATG	TAA	0	0
mORF_-_1677989	1677989	1678030	-	6	42	TTG	TAA	0	0
mORF_-_1678003	1678003	1678275	-	5	273	TTG	TGA	0	0
mORF_-_1678044	1678044	1678067	-	4	24	TTG	TAA	0	0
mORF_-_1678140	1678140	1678154	-	4	15	GTG	TGA	0	0
mORF_-_1678212	1678212	1678418	-	4	207	ATG	TGA	0	0
mORF_-_1678312	1678312	1678518	-	5	207	GTG	TAA	0	0
mORF_-_1678472	1678472	1678561	-	6	90	TTG	TAA	0	0
mORF_-_1678485	1678485	1678580	-	4	96	GTG	TGA	0	0
mORF_-_1678519	1678519	1678623	-	5	105	ATG	TGA	0	0
mORF_-_1678577	1678577	1678606	-	6	30	TTG	TGA	0	0
mORF_-_1678620	1678620	1679024	-	4	405	TTG	TGA	0	0
mORF_-_1678642	1678642	1678662	-	5	21	ATG	TAA	0	0
mORF_-_1678667	1678667	1678738	-	6	72	ATG	TGA	0	0
mORF_-_1678687	1678687	1678764	-	5	78	ATG	TAG	0	0
mORF_-_1678765	1678765	1678863	-	5	99	TTG	TAA	0	0
mORF_-_1678778	1678778	1678804	-	6	27	GTG	TAA	0	0
mORF_-_1678811	1678811	1678876	-	6	66	ATG	TAA	0	0
mORF_-_1678894	1678894	1679079	-	5	186	ATG	TGA	0	0
mORF_-_1678967	1678967	1678975	-	6	9	ATG	TGA	0	0
mORF_-_1679027	1679027	1679119	-	6	93	GTG	TAA	0	0
mORF_-_1679031	1679031	1679069	-	4	39	ATG	TAA	0	0
mORF_-_1679103	1679103	1679117	-	4	15	GTG	TGA	0	0
mORF_-_1679119	1679119	1679130	-	5	12	ATG	TAG	0	0
mORF_-_1679164	1679164	1679403	-	5	240	ATG	TGA	0	0
mORF_-_1679216	1679216	1679353	-	6	138	ATG	TAG	0	0
mORF_-_1679241	1679241	1679291	-	4	51	GTG	TAG	0	0
mORF_-_1679328	1679328	1679339	-	4	12	ATG	TAA	0	0
mORF_-_1679366	1679366	1679587	-	6	222	TTG	TAA	0	0
mORF_-_1679409	1679409	1679513	-	4	105	GTG	TAA	0	0
mORF_-_1679416	1679416	1679505	-	5	90	TTG	TAA	0	0
mORF_-_1679532	1679532	1679543	-	4	12	ATG	TAG	0	0
mORF_-_1679556	1679556	1679606	-	4	51	GTG	TAA	0	0
mORF_-_1679653	1679653	1679679	-	5	27	GTG	TAA	0	0
mORF_-_1679657	1679657	1679866	-	6	210	GTG	TAA	0	0
mORF_-_1679676	1679676	1679696	-	4	21	GTG	TGA	0	0
mORF_-_1679719	1679719	1680054	-	5	336	ATG	TAA	0	0
mORF_-_1679760	1679760	1679789	-	4	30	TTG	TAA	0	0
mORF_-_1679808	1679808	1679942	-	4	135	TTG	TGA	0	0
mORF_-_1679994	1679994	1680005	-	4	12	TTG	TAG	0	0
mORF_-_1680015	1680015	1680026	-	4	12	GTG	TAG	0	0
mORF_-_1680042	1680042	1680086	-	4	45	ATG	TAA	0	0
mORF_-_1680059	1680059	1680076	-	6	18	ATG	TAA	0	0
mORF_-_1680064	1680064	1680081	-	5	18	TTG	TAA	0	0

mORF_-_1680113	1680113	1680445	-	6	333	ATG	TAA	0	0	
mORF_-_1680190	1680190	1680249	-	5	60	TTG	TAG	0	0	
mORF_-_1680225	1680225	1680254	-	4	30	ATG	TGA	0	0	
mORF_-_1680340	1680340	1680453	-	5	114	GTG	TGA	0	0	
mORF_-_1680414	1680414	1680443	-	4	30	GTG	TAG	0	0	
mORF_-_1680473	1680473	1680484	-	6	12	TTG	TAG	0	0	
mORF_-_1680481	1680481	1680552	-	5	72	GTG	TGA	0	0	
mORF_-_1680516	1680516	1680602	-	4	87	ATG	TAA	0	0	
mORF_-_1680533	1680533	1680559	-	6	27	TTG	TGA	0	0	
mORF_-_1680587	1680587	1680724	-	6	138	ATG	TAG	0	0	
mORF_-_1680699	1680699	1680719	-	4	21	TTG	TAA	0	0	
mORF_-_1680721	1680721	1680738	-	5	18	ATG	TGA	0	0	
mORF_-_1680807	1680807	1680890	-	4	84	ATG	TAA	0	0	
mORF_-_1680842	1680842	1680868	-	6	27	TTG	TAA	0	0	
mORF_-_1680850	1680850	1680894	-	5	45	ATG	TAA	0	0	
mORF_-_1680929	1680929	1681180	-	6	252	ATG	TAA	0	0	
mORF_-_1680936	1680936	1681085	-	4	150	GTG	TAA	0	0	
mORF_-_1680991	1680991	1681149	-	5	159	GTG	TAA	0	0	
mORF_-_1681116	1681116	1681385	-	4	270	GTG	TAA	0	0	
mORF_-_1681220	1681220	1681228	-	6	9	GTG	TGA	0	0	
mORF_-_1681301	1681301	1681540	-	6	240	TTG	TGA	0	0	
mORF_-_1681398	1681398	1681457	-	4	60	GTG	TAA	0	0	
mORF_-_1681441	1681441	1681497	-	5	57	ATG	TGA	0	0	
mORF_-_1681527	1681527	1681568	-	4	42	GTG	TAA	0	0	
mORF_-_1681549	1681549	1681581	-	5	33	GTG	TAA	0	0	
mORF_-_1681584	1681584	1681667	-	4	84	TTG	TAA	0	0	
mORF_-_1681660	1681660	1681719	-	5	60	GTG	TGA	0	0	
mORF_-_1681677	1681677	1681733	-	4	57	ATG	TAA	0	0	
mORF_-_1681735	1681735	1681767	-	5	33	TTG	TAA	0	0	
mORF_-_1681764	1681764	1681838	-	4	75	ATG	TGA	0	0	
mORF_-_1681838	1681838	1682185	-	6	348	ATG	TAA	0	0	
mORF_-_1681860	1681860	1681913	-	4	54	ATG	TAA	0	0	
mORF_-_1681888	1681888	1682082	-	5	195	TTG	TGA	0	0	
mORF_-_1681959	1681959	1682009	-	4	51	ATG	TAA	0	0	
mORF_-_1682052	1682052	1682090	-	4	39	GTG	TGA	0	0	
mORF_-_1682092	1682092	1682106	-	5	15	TTG	TAG	0	0	
mORF_-_1682172	1682172	1682228	-	4	57	TTG	TAA	0	0	
mORF_-_1682225	1682225	1682236	-	6	12	GTG	TGA	0	0	
mORF_-_1682244	1682244	1682375	-	4	132	GTG	TAG	0	0	
mORF_-_1682291	1682291	1682317	-	6	27	GTG	TAA	0	0	
mORF_-_1682360	1682360	1682473	-	6	114	TTG	TGA	0	0	
mORF_-_1682379	1682379	1682510	-	4	132	ATG	TAG	0	0	
mORF_-_1682511	1682511	1682660	-	4	150	ATG	TAA	0	0	
mORF_-_1682519	1682519	1682548	-	6	30	TTG	TGA	0	0	
mORF_-_1682624	1682624	1682689	-	6	66	GTG	TGA	0	0	
mORF_-_1682665	1682665	1682697	-	5	33	GTG	TGA	0	0	
mORF_-_1682676	1682676	1682771	-	4	96	GTG	TGA	0	0	
mORF_-_1682717	1682717	1682737	-	6	21	GTG	TGA	0	0	
mORF_-_1682747	1682747	1682815	-	6	69	ATG	TAA	0	0	
mORF_-_1682784	1682784	1682810	-	4	27	ATG	TAA	0	0	
mORF_-_1682815	1682815	1682952	-	5	138	GTG	TAA	0	0	
mORF_-_1682823	1682823	1682828	-	4	6	ATG	TAA	0	0	
mORF_-_1682868	1682868	1682909	-	4	42	TTG	TGA	0	0	
mORF_-_1682930	1682930	1683016	-	6	87	TTG	TGA	0	0	
mORF_-_1682964	1682964	1683041	-	4	78	GTG	TAA	0	0	
mORF_-_1683049	1683049	1683066	-	5	18	GTG	TAG	0	0	
mORF_-_1683114	1683114	1683194	-	4	81	GTG	TAA	0	0	
mORF_-_1683119	1683119	1683133	-	6	15	TTG	TAA	0	0	
mORF_-_1683155	1683155	1683181	-	6	27	ATG	TGA	0	0	
mORF_-_1683178	1683178	1683186	-	5	9	GTG	TGA	0	0	
mORF_-_1683209	1683209	1684612	-	6	1404	ATG	TAA	25	251	pORF_-_1683209
mORF_-_1683223	1683223	1683294	-	5	72	TTG	TGA	0	0	
mORF_-_1683313	1683313	1683366	-	5	54	TTG	TGA	0	0	

mORF_-_1683394	1683394	1683480	-	5	87	ATG	TGA	0	0	
mORF_-_1683538	1683538	1683546	-	5	9	TTG	TGA	0	0	
mORF_-_1683613	1683613	1683624	-	5	12	GTG	TAA	0	0	
mORF_-_1683621	1683621	1683626	-	4	6	GTG	TGA	0	0	
mORF_-_1683637	1683637	1683735	-	5	99	ATG	TGA	0	0	
mORF_-_1683769	1683769	1683870	-	5	102	ATG	TGA	0	0	
mORF_-_1683874	1683874	1683888	-	5	15	ATG	TAG	0	0	
mORF_-_1683904	1683904	1683933	-	5	30	TTG	TAA	0	0	
mORF_-_1684027	1684027	1684098	-	5	72	ATG	TAA	0	0	
mORF_-_1684111	1684111	1684188	-	5	78	ATG	TGA	0	0	
mORF_-_1684210	1684210	1684269	-	5	60	GTG	TGA	0	0	
mORF_-_1684300	1684300	1684380	-	5	81	ATG	TGA	0	0	
mORF_-_1684426	1684426	1684455	-	5	30	GTG	TAG	0	0	
mORF_-_1684437	1684437	1684550	-	4	114	GTG	TAA	0	0	
mORF_-_1684462	1684462	1684476	-	5	15	ATG	TAA	0	0	
mORF_-_1684480	1684480	1684572	-	5	93	TTG	TGA	0	0	
mORF_-_1684609	1684609	1684626	-	5	18	GTG	TGA	0	0	
mORF_-_1684631	1684631	1684666	-	6	36	TTG	TAA	0	0	
mORF_-_1684670	1684670	1684678	-	6	9	GTG	TAA	0	0	
mORF_-_1684675	1684675	1684776	-	5	102	ATG	TGA	0	0	
mORF_-_1684682	1684682	1684723	-	6	42	ATG	TAA	0	0	
mORF_-_1684755	1684755	1686401	-	4	1647	ATG	TAA	86	1148	pORF_-_1684755
mORF_-_1684760	1684760	1684987	-	6	228	ATG	TGA	0	0	
mORF_-_1684891	1684891	1684899	-	5	9	ATG	TGA	0	0	
mORF_-_1685027	1685027	1685182	-	6	156	GTG	TGA	0	0	
mORF_-_1685201	1685201	1685224	-	6	24	GTG	TGA	0	0	
mORF_-_1685300	1685300	1685320	-	6	21	TTG	TGA	0	0	
mORF_-_1685501	1685501	1685554	-	6	54	TTG	TGA	0	0	
mORF_-_1685570	1685570	1685644	-	6	75	ATG	TGA	0	0	
mORF_-_1685666	1685666	1685764	-	6	99	TTG	TGA	0	0	
mORF_-_1685792	1685792	1685890	-	6	99	ATG	TGA	0	0	
mORF_-_1685927	1685927	1686235	-	6	309	ATG	TGA	0	0	
mORF_-_1686022	1686022	1686039	-	5	18	ATG	TGA	0	0	
mORF_-_1686281	1686281	1686301	-	6	21	TTG	TGA	0	0	
mORF_-_1686329	1686329	1686412	-	6	84	GTG	TAA	0	0	
mORF_-_1686413	1686413	1686499	-	6	87	TTG	TAA	0	0	
mORF_-_1686429	1686429	1686488	-	4	60	GTG	TAA	0	0	
mORF_-_1686481	1686481	1686486	-	5	6	GTG	TAG	0	0	
mORF_-_1686509	1686509	1686613	-	6	105	ATG	TAG	0	0	
mORF_-_1686535	1686535	1686582	-	5	48	ATG	TAA	0	0	
mORF_-_1686582	1686582	1686605	-	4	24	TTG	TAA	0	0	
mORF_-_1686613	1686613	1686771	-	5	159	GTG	TAA	0	0	
mORF_-_1686618	1686618	1686722	-	4	105	ATG	TGA	0	0	
mORF_-_1686629	1686629	1686646	-	6	18	TTG	TAG	0	0	
mORF_-_1686665	1686665	1686886	-	6	222	ATG	TAA	0	0	
mORF_-_1686853	1686853	1686900	-	5	48	TTG	TGA	0	0	
mORF_-_1686861	1686861	1686992	-	4	132	GTG	TAA	0	0	
mORF_-_1686893	1686893	1686931	-	6	39	TTG	TGA	0	0	
mORF_-_1686974	1686974	1686994	-	6	21	TTG	TAG	0	0	
mORF_-_1686985	1686985	1687401	-	5	417	TTG	TAG	0	0	
mORF_-_1687068	1687068	1687109	-	4	42	GTG	TAG	0	0	
mORF_-_1687113	1687113	1687118	-	4	6	TTG	TAA	0	0	
mORF_-_1687203	1687203	1687244	-	4	42	TTG	TAA	0	0	
mORF_-_1687299	1687299	1687577	-	4	279	ATG	TAG	0	0	
mORF_-_1687367	1687367	1687624	-	6	258	ATG	TAA	0	0	
mORF_-_1687603	1687603	1687650	-	5	48	TTG	TAA	0	0	
mORF_-_1687667	1687667	1687735	-	6	69	TTG	TGA	0	0	
mORF_-_1687702	1687702	1687722	-	5	21	GTG	TAA	0	0	
mORF_-_1687719	1687719	1687742	-	4	24	GTG	TGA	0	0	
mORF_-_1687760	1687760	1687798	-	6	39	ATG	TAA	0	0	
mORF_-_1687822	1687822	1687830	-	5	9	GTG	TAA	0	0	
mORF_-_1687833	1687833	1688030	-	4	198	TTG	TGA	0	0	
mORF_-_1687904	1687904	1687942	-	6	39	ATG	TGA	0	0	

mORF_-_1687915	1687915	1688169	-	5	255	ATG	TAG	1	2	pORF_-_1687915
mORF_-_1688055	1688055	1688102	-	4	48	ATG	TGA	0	0	
mORF_-_1688136	1688136	1688153	-	4	18	TTG	TGA	0	0	
mORF_-_1688192	1688192	1688227	-	6	36	TTG	TAA	0	0	
mORF_-_1688224	1688224	1688373	-	5	150	TTG	TGA	0	0	
mORF_-_1688229	1688229	1688315	-	4	87	ATG	TGA	0	0	
mORF_-_1688243	1688243	1688281	-	6	39	TTG	TAA	0	0	
mORF_-_1688319	1688319	1688354	-	4	36	TTG	TAA	0	0	
mORF_-_1688351	1688351	1688359	-	6	9	GTG	TGA	0	0	
mORF_-_1688364	1688364	1688546	-	4	183	GTG	TAA	0	0	
mORF_-_1688413	1688413	1688580	-	5	168	TTG	TAA	0	0	
mORF_-_1688516	1688516	1688632	-	6	117	GTG	TAA	0	0	
mORF_-_1688577	1688577	1688693	-	4	117	TTG	TGA	0	0	
mORF_-_1688608	1688608	1688700	-	5	93	TTG	TGA	0	0	
mORF_-_1688736	1688736	1688756	-	4	21	TTG	TGA	0	0	
mORF_-_1688764	1688764	1688826	-	5	63	TTG	TAA	0	0	
mORF_-_1688804	1688804	1688845	-	6	42	GTG	TAA	0	0	
mORF_-_1688829	1688829	1688864	-	4	36	TTG	TGA	0	0	
mORF_-_1688945	1688945	1689022	-	6	78	TTG	TAG	0	0	
mORF_-_1688956	1688956	1689189	-	5	234	TTG	TAG	0	0	
mORF_-_1688973	1688973	1689098	-	4	126	ATG	TGA	0	0	
mORF_-_1689071	1689071	1689115	-	6	45	TTG	TAA	0	0	
mORF_-_1689122	1689122	1689208	-	6	87	TTG	TAA	0	0	
mORF_-_1689162	1689162	1689257	-	4	96	GTG	TGA	0	0	
mORF_-_1689202	1689202	1689267	-	5	66	TTG	TGA	0	0	
mORF_-_1689279	1689279	1689395	-	4	117	TTG	TGA	0	0	
mORF_-_1689310	1689310	1689540	-	5	231	ATG	TAA	0	0	
mORF_-_1689347	1689347	1689370	-	6	24	TTG	TAA	0	0	
mORF_-_1689411	1689411	1689428	-	4	18	ATG	TGA	0	0	
mORF_-_1689474	1689474	1689560	-	4	87	GTG	TAG	0	0	
mORF_-_1689530	1689530	1689571	-	6	42	TTG	TAA	0	0	
mORF_-_1689610	1689610	1690875	-	5	1266	ATG	TAA	0	0	
mORF_-_1689615	1689615	1689629	-	4	15	ATG	TGA	0	0	
mORF_-_1689645	1689645	1689650	-	4	6	ATG	TGA	0	0	
mORF_-_1689660	1689660	1689716	-	4	57	TTG	TGA	0	0	
mORF_-_1689762	1689762	1689770	-	4	9	GTG	TGA	0	0	
mORF_-_1689771	1689771	1689818	-	4	48	ATG	TAG	0	0	
mORF_-_1689828	1689828	1689842	-	4	15	TTG	TGA	0	0	
mORF_-_1689864	1689864	1689920	-	4	57	TTG	TAA	0	0	
mORF_-_1689917	1689917	1690015	-	6	99	GTG	TGA	0	0	
mORF_-_1689924	1689924	1689968	-	4	45	ATG	TAA	0	0	
mORF_-_1689969	1689969	1690022	-	4	54	ATG	TGA	0	0	
mORF_-_1690029	1690029	1690058	-	4	30	ATG	TGA	0	0	
mORF_-_1690122	1690122	1690232	-	4	111	ATG	TGA	0	0	
mORF_-_1690229	1690229	1690237	-	6	9	TTG	TGA	0	0	
mORF_-_1690245	1690245	1690373	-	4	129	TTG	TAG	0	0	
mORF_-_1690328	1690328	1690366	-	6	39	GTG	TGA	0	0	
mORF_-_1690370	1690370	1690393	-	6	24	TTG	TGA	0	0	
mORF_-_1690449	1690449	1690478	-	4	30	ATG	TAA	0	0	
mORF_-_1690503	1690503	1690526	-	4	24	GTG	TAG	0	0	
mORF_-_1690539	1690539	1690580	-	4	42	TTG	TAA	0	0	
mORF_-_1690577	1690577	1690588	-	6	12	GTG	TGA	0	0	
mORF_-_1690596	1690596	1690613	-	4	18	GTG	TGA	0	0	
mORF_-_1690614	1690614	1690733	-	4	120	GTG	TAG	0	0	
mORF_-_1690673	1690673	1690705	-	6	33	ATG	TAG	0	0	
mORF_-_1690764	1690764	1690811	-	4	48	ATG	TGA	0	0	
mORF_-_1690793	1690793	1690846	-	6	54	TTG	TGA	0	0	
mORF_-_1690872	1690872	1690883	-	4	12	GTG	TGA	0	0	
mORF_-_1690914	1690914	1692287	-	4	1374	ATG	TAA	0	0	
mORF_-_1690934	1690934	1690972	-	6	39	TTG	TAA	0	0	
mORF_-_1690993	1690993	1691172	-	5	180	ATG	TAA	0	0	
mORF_-_1691054	1691054	1691062	-	6	9	TTG	TAG	0	0	
mORF_-_1691123	1691123	1691212	-	6	90	TTG	TAA	0	0	

mORF_-_1691225	1691225	1691236	-	6	12	GTG	TGA	0	0	
mORF_-_1691251	1691251	1691268	-	5	18	GTG	TGA	0	0	
mORF_-_1691276	1691276	1691392	-	6	117	TTG	TGA	0	0	
mORF_-_1691393	1691393	1691509	-	6	117	ATG	TGA	0	0	
mORF_-_1691506	1691506	1691589	-	5	84	GTG	TGA	0	0	
mORF_-_1691510	1691510	1691554	-	6	45	TTG	TAA	0	0	
mORF_-_1691564	1691564	1691581	-	6	18	GTG	TGA	0	0	
mORF_-_1691636	1691636	1691728	-	6	93	TTG	TGA	0	0	
mORF_-_1691776	1691776	1691925	-	5	150	TTG	TAA	0	0	
mORF_-_1691792	1691792	1691812	-	6	21	TTG	TGA	0	0	
mORF_-_1691816	1691816	1691836	-	6	21	GTG	TGA	0	0	
mORF_-_1691876	1691876	1691899	-	6	24	ATG	TGA	0	0	
mORF_-_1691945	1691945	1691974	-	6	30	ATG	TGA	0	0	
mORF_-_1692074	1692074	1692163	-	6	90	GTG	TGA	0	0	
mORF_-_1692191	1692191	1692241	-	6	51	GTG	TGA	0	0	
mORF_-_1692238	1692238	1692315	-	5	78	GTG	TGA	0	0	
mORF_-_1692284	1692284	1694095	-	6	1812	ATG	TGA	0	0	
mORF_-_1692322	1692322	1692531	-	5	210	GTG	TGA	0	0	
mORF_-_1692399	1692399	1692452	-	4	54	ATG	TAA	0	0	
mORF_-_1692483	1692483	1692518	-	4	36	GTG	TGA	0	0	
mORF_-_1692528	1692528	1692707	-	4	180	GTG	TGA	0	0	
mORF_-_1692565	1692565	1692681	-	5	117	ATG	TAG	0	0	
mORF_-_1692700	1692700	1692717	-	5	18	TTG	TGA	0	0	
mORF_-_1692757	1692757	1692867	-	5	111	TTG	TAA	0	0	
mORF_-_1692795	1692795	1692875	-	4	81	GTG	TAA	0	0	
mORF_-_1692877	1692877	1692903	-	5	27	GTG	TGA	0	0	
mORF_-_1692910	1692910	1693008	-	5	99	TTG	TGA	0	0	
mORF_-_1693012	1693012	1693050	-	5	39	TTG	TAG	0	0	
mORF_-_1693051	1693051	1693134	-	5	84	TTG	TGA	0	0	
mORF_-_1693165	1693165	1693218	-	5	54	TTG	TGA	0	0	
mORF_-_1693267	1693267	1693362	-	5	96	GTG	TGA	0	0	
mORF_-_1693308	1693308	1693340	-	4	33	GTG	TGA	0	0	
mORF_-_1693384	1693384	1693521	-	5	138	ATG	TGA	0	0	
mORF_-_1693573	1693573	1693611	-	5	39	ATG	TAA	0	0	
mORF_-_1693608	1693608	1693700	-	4	93	TTG	TGA	0	0	
mORF_-_1693693	1693693	1693755	-	5	63	TTG	TGA	0	0	
mORF_-_1693783	1693783	1694067	-	5	285	GTG	TGA	0	0	
mORF_-_1693794	1693794	1693862	-	4	69	TTG	TAA	0	0	
mORF_-_1693941	1693941	1693997	-	4	57	TTG	TAA	0	0	
mORF_-_1694004	1694004	1694042	-	4	39	GTG	TGA	0	0	
mORF_-_1694080	1694080	1694130	-	5	51	TTG	TAG	0	0	
mORF_-_1694143	1694143	1694274	-	5	132	ATG	TAA	0	0	
mORF_-_1694147	1694147	1694167	-	6	21	GTG	TAA	0	0	
mORF_-_1694172	1694172	1694255	-	4	84	GTG	TAA	0	0	
mORF_-_1694228	1694228	1694461	-	6	234	GTG	TGA	0	0	
mORF_-_1694281	1694281	1694358	-	5	78	ATG	TAA	0	0	
mORF_-_1694355	1694355	1694423	-	4	69	GTG	TGA	0	0	
mORF_-_1694486	1694486	1695076	-	6	591	ATG	TGA	3	49	pORF_-_1694486
mORF_-_1694497	1694497	1694511	-	5	15	TTG	TAA	0	0	
mORF_-_1694512	1694512	1694583	-	5	72	GTG	TGA	0	0	
mORF_-_1694638	1694638	1694682	-	5	45	TTG	TAA	0	0	
mORF_-_1694695	1694695	1694844	-	5	150	TTG	TGA	0	0	
mORF_-_1694946	1694946	1694957	-	4	12	TTG	TAG	0	0	
mORF_-_1694974	1694974	1695024	-	5	51	ATG	TGA	0	0	
mORF_-_1695076	1695076	1695084	-	5	9	ATG	TAA	0	0	
mORF_-_1695103	1695103	1695267	-	5	165	GTG	TAG	0	0	
mORF_-_1695108	1695108	1695161	-	4	54	GTG	TAA	0	0	
mORF_-_1695134	1695134	1695202	-	6	69	TTG	TGA	0	0	
mORF_-_1695224	1695224	1695271	-	6	48	GTG	TAA	0	0	
mORF_-_1695278	1695278	1695322	-	6	45	GTG	TAA	0	0	
mORF_-_1695289	1695289	1695372	-	5	84	TTG	TAA	0	0	
mORF_-_1695297	1695297	1696064	-	4	768	GTG	TAA	27	132	pORF_-_1695297
mORF_-_1695347	1695347	1695451	-	6	105	TTG	TAA	0	0	

mORF_-_1695473	1695473	1695481	-	6	9	ATG	TGA	0	0	
mORF_-_1695485	1695485	1695511	-	6	27	ATG	TAA	0	0	
mORF_-_1695512	1695512	1695589	-	6	78	ATG	TAA	0	0	
mORF_-_1695638	1695638	1695712	-	6	75	ATG	TGA	0	0	
mORF_-_1695713	1695713	1695889	-	6	177	GTG	TGA	0	0	
mORF_-_1695862	1695862	1695867	-	5	6	TTG	TGA	0	0	
mORF_-_1695908	1695908	1696012	-	6	105	GTG	TAG	0	0	
mORF_-_1695991	1695991	1696029	-	5	39	ATG	TAA	0	0	
mORF_-_1696043	1696043	1696102	-	6	60	GTG	TGA	0	0	
mORF_-_1696057	1696057	1696128	-	5	72	ATG	TAA	0	0	
mORF_-_1696083	1696083	1696118	-	4	36	ATG	TGA	0	0	
mORF_-_1696128	1696128	1696148	-	4	21	GTG	TAA	0	0	
mORF_-_1696148	1696148	1696234	-	6	87	ATG	TAG	0	0	
mORF_-_1696176	1696176	1697204	-	4	1029	ATG	TAA	0	0	
mORF_-_1696250	1696250	1696573	-	6	324	TTG	TGA	0	0	
mORF_-_1696369	1696369	1696431	-	5	63	ATG	TGA	0	0	
mORF_-_1696453	1696453	1696461	-	5	9	TTG	TAA	0	0	
mORF_-_1696483	1696483	1696551	-	5	69	TTG	TAA	0	0	
mORF_-_1696555	1696555	1696593	-	5	39	TTG	TAG	0	0	
mORF_-_1696577	1696577	1696615	-	6	39	GTG	TAA	0	0	
mORF_-_1696619	1696619	1696666	-	6	48	ATG	TAA	0	0	
mORF_-_1696685	1696685	1696750	-	6	66	GTG	TGA	0	0	
mORF_-_1696763	1696763	1696828	-	6	66	TTG	TGA	0	0	
mORF_-_1696829	1696829	1696846	-	6	18	GTG	TAA	0	0	
mORF_-_1696853	1696853	1696888	-	6	36	GTG	TGA	0	0	
mORF_-_1696958	1696958	1696990	-	6	33	GTG	TGA	0	0	
mORF_-_1696997	1696997	1697122	-	6	126	GTG	TGA	0	0	
mORF_-_1697144	1697144	1697176	-	6	33	ATG	TAA	0	0	
mORF_-_1697257	1697257	1697304	-	5	48	GTG	TAA	0	0	
mORF_-_1697304	1697304	1697339	-	4	36	TTG	TAG	0	0	
mORF_-_1697324	1697324	1697686	-	6	363	ATG	TAA	2	20	pORF_-_1697324
mORF_-_1697377	1697377	1697397	-	5	21	GTG	TAA	0	0	
mORF_-_1697443	1697443	1697460	-	5	18	ATG	TGA	0	0	
mORF_-_1697460	1697460	1697876	-	4	417	ATG	TAA	0	0	
mORF_-_1697614	1697614	1697673	-	5	60	ATG	TGA	0	0	
mORF_-_1697683	1697683	1697748	-	5	66	TTG	TGA	0	0	
mORF_-_1697690	1697690	1697998	-	6	309	ATG	TAA	0	0	
mORF_-_1697845	1697845	1697931	-	5	87	TTG	TAA	0	0	
mORF_-_1697932	1697932	1697976	-	5	45	ATG	TAA	0	0	
mORF_-_1697976	1697976	1698101	-	4	126	GTG	TAA	0	0	
mORF_-_1698004	1698004	1698114	-	5	111	ATG	TAA	0	0	
mORF_-_1698098	1698098	1698142	-	6	45	GTG	TGA	0	0	
mORF_-_1698114	1698114	1698254	-	4	141	TTG	TAA	0	0	
mORF_-_1698158	1698158	1698214	-	6	57	GTG	TGA	0	0	
mORF_-_1698166	1698166	1698177	-	5	12	GTG	TGA	0	0	
mORF_-_1698215	1698215	1698238	-	6	24	GTG	TGA	0	0	
mORF_-_1698297	1698297	1698446	-	4	150	GTG	TAA	0	0	
mORF_-_1698308	1698308	1698574	-	6	267	ATG	TGA	0	0	
mORF_-_1698453	1698453	1698551	-	4	99	ATG	TAA	0	0	
mORF_-_1698520	1698520	1698594	-	5	75	TTG	TGA	0	0	
mORF_-_1698611	1698611	1698646	-	6	36	TTG	TAG	0	0	
mORF_-_1698643	1698643	1698753	-	5	111	ATG	TGA	0	0	
mORF_-_1698725	1698725	1698856	-	6	132	TTG	TAA	0	0	
mORF_-_1698753	1698753	1698917	-	4	165	TTG	TAA	0	0	
mORF_-_1698832	1698832	1698864	-	5	33	TTG	TAA	0	0	
mORF_-_1698904	1698904	1699029	-	5	126	GTG	TAA	0	0	
mORF_-_1698924	1698924	1698956	-	4	33	ATG	TGA	0	0	
mORF_-_1698993	1698993	1699013	-	4	21	ATG	TGA	0	0	
mORF_-_1699010	1699010	1699018	-	6	9	GTG	TGA	0	0	
mORF_-_1699037	1699037	1699117	-	6	81	ATG	TAA	0	0	
mORF_-_1699086	1699086	1699223	-	4	138	ATG	TGA	0	0	
mORF_-_1699160	1699160	1699216	-	6	57	GTG	TAG	0	0	
mORF_-_1699223	1699223	1699234	-	6	12	ATG	TAA	0	0	

mORF_-_1699241	1699241	1699270	-	6	30	ATG	TGA	0	0	
mORF_-_1699267	1699267	1699350	-	5	84	ATG	TGA	0	0	
mORF_-_1699281	1699281	1699331	-	4	51	GTG	TGA	0	0	
mORF_-_1699295	1699295	1699333	-	6	39	GTG	TGA	0	0	
mORF_-_1699352	1699352	1699540	-	6	189	ATG	TAA	0	0	
mORF_-_1699398	1699398	1699622	-	4	225	ATG	TAA	0	0	
mORF_-_1699474	1699474	1699494	-	5	21	GTG	TAA	0	0	
mORF_-_1699559	1699559	1699687	-	6	129	TTG	TGA	0	0	
mORF_-_1699717	1699717	1699758	-	5	42	GTG	TAA	0	0	
mORF_-_1699800	1699800	1699829	-	4	30	TTG	TAA	0	0	
mORF_-_1699823	1699823	1699858	-	6	36	ATG	TGA	0	0	
mORF_-_1699851	1699851	1699937	-	4	87	TTG	TAA	0	0	
mORF_-_1699859	1699859	1699942	-	6	84	GTG	TAG	0	0	
mORF_-_1699918	1699918	1700004	-	5	87	GTG	TGA	0	0	
mORF_-_1699943	1699943	1700032	-	6	90	ATG	TAA	0	0	
mORF_-_1699962	1699962	1700015	-	4	54	TTG	TAA	0	0	
mORF_-_1700045	1700045	1700137	-	6	93	ATG	TAG	0	0	
mORF_-_1700077	1700077	1700094	-	5	18	GTG	TGA	0	0	
mORF_-_1700124	1700124	1700159	-	4	36	TTG	TAA	0	0	
mORF_-_1700128	1700128	1700229	-	5	102	GTG	TAA	0	0	
mORF_-_1700150	1700150	1700167	-	6	18	TTG	TAA	0	0	
mORF_-_1700198	1700198	1700383	-	6	186	GTG	TAA	0	0	
mORF_-_1700232	1700232	1700327	-	4	96	ATG	TAA	0	0	
mORF_-_1700278	1700278	1700535	-	5	258	GTG	TAA	0	0	
mORF_-_1700397	1700397	1700507	-	4	111	ATG	TGA	0	0	
mORF_-_1700456	1700456	1700578	-	6	123	GTG	TAA	0	0	
mORF_-_1700554	1700554	1700709	-	5	156	TTG	TGA	0	0	
mORF_-_1700562	1700562	1700567	-	4	6	ATG	TAG	0	0	
mORF_-_1700580	1700580	1700672	-	4	93	ATG	TGA	0	0	
mORF_-_1700725	1700725	1700733	-	5	9	GTG	TAA	0	0	
mORF_-_1700744	1700744	1700752	-	6	9	GTG	TAA	0	0	
mORF_-_1700758	1700758	1701123	-	5	366	GTG	TAA	0	0	
mORF_-_1700802	1700802	1701002	-	4	201	TTG	TGA	0	0	
mORF_-_1700837	1700837	1701037	-	6	201	GTG	TAA	0	0	
mORF_-_1701006	1701006	1701119	-	4	114	ATG	TGA	0	0	
mORF_-_1701116	1701116	1701181	-	6	66	GTG	TGA	0	0	
mORF_-_1701120	1701120	1701344	-	4	225	TTG	TGA	0	0	
mORF_-_1701154	1701154	1701288	-	5	135	ATG	TAA	0	0	
mORF_-_1701209	1701209	1701304	-	6	96	GTG	TGA	0	0	
mORF_-_1701292	1701292	1702371	-	5	1080	GTG	TGA	5	12	pORF_-_1701292
mORF_-_1701354	1701354	1701401	-	4	48	ATG	TAA	0	0	
mORF_-_1701402	1701402	1701425	-	4	24	ATG	TAA	0	0	
mORF_-_1701453	1701453	1701551	-	4	99	ATG	TGA	0	0	
mORF_-_1701555	1701555	1701584	-	4	30	ATG	TGA	0	0	
mORF_-_1701588	1701588	1701611	-	4	24	ATG	TGA	0	0	
mORF_-_1701747	1701747	1701788	-	4	42	TTG	TGA	0	0	
mORF_-_1701801	1701801	1701905	-	4	105	GTG	TAG	0	0	
mORF_-_1701839	1701839	1701847	-	6	9	TTG	TGA	0	0	
mORF_-_1701939	1701939	1702010	-	4	72	ATG	TGA	0	0	
mORF_-_1702035	1702035	1702079	-	4	45	TTG	TGA	0	0	
mORF_-_1702092	1702092	1702130	-	4	39	TTG	TAG	0	0	
mORF_-_1702137	1702137	1702178	-	4	42	TTG	TAG	0	0	
mORF_-_1702203	1702203	1702220	-	4	18	GTG	TAA	0	0	
mORF_-_1702230	1702230	1702262	-	4	33	TTG	TAA	0	0	
mORF_-_1702263	1702263	1702304	-	4	42	TTG	TGA	0	0	
mORF_-_1702305	1702305	1702316	-	4	12	GTG	TGA	0	0	
mORF_-_1702329	1702329	1702337	-	4	9	ATG	TGA	0	0	
mORF_-_1702371	1702371	1702391	-	4	21	TTG	TAG	0	0	
mORF_-_1702396	1702396	1702413	-	5	18	TTG	TAA	0	0	
mORF_-_1702427	1702427	1702528	-	6	102	ATG	TAA	0	0	
mORF_-_1702432	1702432	1702557	-	5	126	TTG	TAA	0	0	
mORF_-_1702437	1702437	1702466	-	4	30	TTG	TGA	0	0	
mORF_-_1702542	1702542	1702553	-	4	12	TTG	TAA	0	0	

mORF_-_1702550	1702550	1702627	-	6	78	ATG	TGA	0	0	
mORF_-_1702620	1702620	1702742	-	4	123	ATG	TGA	0	0	
mORF_-_1702624	1702624	1702668	-	5	45	GTG	TGA	0	0	
mORF_-_1702646	1702646	1702657	-	6	12	TTG	TGA	0	0	
mORF_-_1702661	1702661	1702750	-	6	90	GTG	TGA	0	0	
mORF_-_1702805	1702805	1702849	-	6	45	ATG	TGA	0	0	
mORF_-_1702846	1702846	1702896	-	5	51	TTG	TGA	0	0	
mORF_-_1702866	1702866	1702904	-	4	39	GTG	TGA	0	0	
mORF_-_1702880	1702880	1702894	-	6	15	GTG	TAA	0	0	
mORF_-_1702901	1702901	1702927	-	6	27	GTG	TGA	0	0	
mORF_-_1702987	1702987	1703007	-	5	21	TTG	TAG	0	0	
mORF_-_1703010	1703010	1703018	-	4	9	GTG	TGA	0	0	
mORF_-_1703015	1703015	1703185	-	6	171	TTG	TGA	0	0	
mORF_-_1703053	1703053	1703058	-	5	6	GTG	TAA	0	0	
mORF_-_1703071	1703071	1703085	-	5	15	TTG	TGA	0	0	
mORF_-_1703205	1703205	1703294	-	4	90	TTG	TAA	0	0	
mORF_-_1703258	1703258	1703284	-	6	27	GTG	TAG	0	0	
mORF_-_1703272	1703272	1703436	-	5	165	GTG	TAG	0	0	
mORF_-_1703385	1703385	1703438	-	4	54	TTG	TAA	0	0	
mORF_-_1703442	1703442	1703540	-	4	99	GTG	TAA	0	0	
mORF_-_1703467	1703467	1703490	-	5	24	GTG	TAG	0	0	
mORF_-_1703483	1703483	1703503	-	6	21	ATG	TAA	0	0	
mORF_-_1703540	1703540	1703614	-	6	75	ATG	TAG	0	0	
mORF_-_1703557	1703557	1703598	-	5	42	GTG	TAA	0	0	
mORF_-_1703635	1703635	1703655	-	5	21	ATG	TAA	0	0	
mORF_-_1703666	1703666	1703674	-	6	9	TTG	TAG	0	0	
mORF_-_1703799	1703799	1703912	-	4	114	ATG	TAG	0	0	
mORF_-_1703806	1703806	1704174	-	5	369	GTG	TAA	0	0	
mORF_-_1703873	1703873	1703926	-	6	54	TTG	TAA	0	0	
mORF_-_1703963	1703963	1703989	-	6	27	GTG	TAA	0	0	
mORF_-_1703990	1703990	1704019	-	6	30	ATG	TAA	0	0	
mORF_-_1704000	1704000	1704071	-	4	72	TTG	TAA	0	0	
mORF_-_1704087	1704087	1704305	-	4	219	ATG	TAA	0	0	
mORF_-_1704161	1704161	1704286	-	6	126	GTG	TGA	0	0	
mORF_-_1704350	1704350	1704433	-	6	84	ATG	TAA	0	0	
mORF_-_1704548	1704548	1704733	-	6	186	GTG	TAG	0	0	
mORF_-_1704618	1704618	1704791	-	4	174	ATG	TAG	0	0	
mORF_-_1704743	1704743	1704928	-	6	186	ATG	TGA	2	40	pORF_-_1704743
mORF_-_1704775	1704775	1704882	-	5	108	GTG	TAG	0	0	
mORF_-_1704825	1704825	1705172	-	4	348	TTG	TAA	0	0	
mORF_-_1704947	1704947	1704964	-	6	18	ATG	TAA	0	0	
mORF_-_1704952	1704952	1705239	-	5	288	ATG	TAA	0	0	
mORF_-_1704989	1704989	1705039	-	6	51	GTG	TGA	0	0	
mORF_-_1705073	1705073	1705081	-	6	9	GTG	TAA	0	0	
mORF_-_1705185	1705185	1705196	-	4	12	GTG	TGA	0	0	
mORF_-_1705320	1705320	1705358	-	4	39	ATG	TAA	0	0	
mORF_-_1705345	1705345	1705692	-	5	348	TTG	TAA	0	0	
mORF_-_1705362	1705362	1705478	-	4	117	ATG	TGA	0	0	
mORF_-_1705478	1705478	1705561	-	6	84	GTG	TAA	0	0	
mORF_-_1705515	1705515	1705667	-	4	153	TTG	TGA	0	0	
mORF_-_1705634	1705634	1705663	-	6	30	TTG	TAG	0	0	
mORF_-_1705685	1705685	1705741	-	6	57	ATG	TAG	0	0	
mORF_-_1705693	1705693	1705728	-	5	36	ATG	TAA	0	0	
mORF_-_1705698	1705698	1705775	-	4	78	GTG	TAG	0	0	
mORF_-_1705756	1705756	1705902	-	5	147	ATG	TAA	0	0	
mORF_-_1705779	1705779	1705868	-	4	90	TTG	TAA	0	0	
mORF_-_1705817	1705817	1705879	-	6	63	GTG	TAA	0	0	
mORF_-_1705903	1705903	1705941	-	5	39	TTG	TAA	0	0	
mORF_-_1705938	1705938	1706144	-	4	207	TTG	TGA	0	0	
mORF_-_1705963	1705963	1707270	-	5	1308	TTG	TAG	1	3	pORF_-_1705963
mORF_-_1705973	1705973	1705984	-	6	12	ATG	TAA	0	0	
mORF_-_1706009	1706009	1706056	-	6	48	GTG	TAA	0	0	
mORF_-_1706148	1706148	1706228	-	4	81	TTG	TGA	0	0	

mORF_-_1706283	1706283	1706312	-	4	30	TTG	TGA	0	0
mORF_-_1706391	1706391	1707089	-	4	699	TTG	TGA	0	0
mORF_-_1706462	1706462	1706467	-	6	6	GTG	TAG	0	0
mORF_-_1706480	1706480	1706512	-	6	33	TTG	TAA	0	0
mORF_-_1706513	1706513	1706524	-	6	12	GTG	TAA	0	0
mORF_-_1706576	1706576	1706605	-	6	30	GTG	TAG	0	0
mORF_-_1706819	1706819	1706839	-	6	21	GTG	TAG	0	0
mORF_-_1707011	1707011	1707031	-	6	21	GTG	TAG	0	0
mORF_-_1707120	1707120	1707128	-	4	9	TTG	TGA	0	0
mORF_-_1707182	1707182	1707217	-	6	36	ATG	TAG	0	0
mORF_-_1707192	1707192	1707224	-	4	33	ATG	TAA	0	0
mORF_-_1707224	1707224	1707316	-	6	93	ATG	TAA	0	0
mORF_-_1707300	1707300	1707488	-	4	189	ATG	TGA	0	0
mORF_-_1707350	1707350	1707448	-	6	99	ATG	TGA	0	0
mORF_-_1707412	1707412	1707519	-	5	108	TTG	TAA	0	0
mORF_-_1707527	1707527	1707601	-	6	75	GTG	TAA	0	0
mORF_-_1707546	1707546	1707641	-	4	96	ATG	TAA	0	0
mORF_-_1707592	1707592	1707663	-	5	72	ATG	TAA	0	0
mORF_-_1707653	1707653	1707691	-	6	39	GTG	TAA	0	0
mORF_-_1707660	1707660	1707713	-	4	54	ATG	TGA	0	0
mORF_-_1707697	1707697	1707828	-	5	132	TTG	TAA	0	0
mORF_-_1707713	1707713	1707739	-	6	27	ATG	TAA	0	0
mORF_-_1707868	1707868	1707894	-	5	27	ATG	TAG	0	0
mORF_-_1707902	1707902	1708015	-	6	114	ATG	TGA	0	0
mORF_-_1707952	1707952	1707984	-	5	33	ATG	TGA	0	0
mORF_-_1707981	1707981	1708055	-	4	75	TTG	TGA	0	0
mORF_-_1708093	1708093	1708251	-	5	159	GTG	TAA	0	0
mORF_-_1708122	1708122	1708166	-	4	45	GTG	TAG	0	0
mORF_-_1708185	1708185	1708190	-	4	6	GTG	TAG	0	0
mORF_-_1708203	1708203	1708319	-	4	117	TTG	TAG	0	0
mORF_-_1708256	1708256	1708285	-	6	30	TTG	TAA	0	0
mORF_-_1708291	1708291	1708353	-	5	63	TTG	TAA	0	0
mORF_-_1708304	1708304	1708510	-	6	207	TTG	TGA	0	0
mORF_-_1708389	1708389	1708397	-	4	9	TTG	TAG	0	0
mORF_-_1708438	1708438	1708698	-	5	261	GTG	TAA	0	0
mORF_-_1708461	1708461	1708484	-	4	24	TTG	TAA	0	0
mORF_-_1708539	1708539	1708739	-	4	201	GTG	TGA	0	0
mORF_-_1708769	1708769	1708816	-	6	48	GTG	TAA	0	0
mORF_-_1708807	1708807	1708827	-	5	21	TTG	TAA	0	0
mORF_-_1708878	1708878	1709018	-	4	141	ATG	TGA	0	0
mORF_-_1708972	1708972	1709139	-	5	168	TTG	TAA	0	0
mORF_-_1709031	1709031	1709063	-	4	33	ATG	TGA	0	0
mORF_-_1709064	1709064	1709114	-	4	51	TTG	TAA	0	0
mORF_-_1709111	1709111	1709143	-	6	33	ATG	TGA	0	0
mORF_-_1709136	1709136	1709846	-	4	711	ATG	TGA	0	0
mORF_-_1709171	1709171	1709293	-	6	123	GTG	TAG	0	0
mORF_-_1709303	1709303	1709428	-	6	126	ATG	TAA	0	0
mORF_-_1709365	1709365	1709559	-	5	195	TTG	TAA	0	0
mORF_-_1709429	1709429	1709596	-	6	168	TTG	TAA	0	0
mORF_-_1709600	1709600	1709611	-	6	12	GTG	TGA	0	0
mORF_-_1709768	1709768	1709776	-	6	9	TTG	TAG	0	0
mORF_-_1709789	1709789	1709968	-	6	180	ATG	TAA	0	0
mORF_-_1709815	1709815	1709934	-	5	120	ATG	TGA	0	0
mORF_-_1709922	1709922	1709993	-	4	72	TTG	TAA	0	0
mORF_-_1710033	1710033	1710092	-	4	60	GTG	TAG	0	0
mORF_-_1710098	1710098	1710178	-	6	81	ATG	TAA	0	0
mORF_-_1710139	1710139	1710198	-	5	60	GTG	TAA	0	0
mORF_-_1710202	1710202	1710210	-	5	9	ATG	TAA	0	0
mORF_-_1710224	1710224	1710265	-	6	42	ATG	TAA	0	0
mORF_-_1710234	1710234	1710281	-	4	48	ATG	TAA	0	0
mORF_-_1710281	1710281	1710307	-	6	27	TTG	TGA	0	0
mORF_-_1710329	1710329	1710352	-	6	24	ATG	TAA	0	0
mORF_-_1710345	1710345	1710455	-	4	111	ATG	TAG	0	0

mORF_-_1710349	1710349	1710381	-	5	33	TTG	TGA	0	0	
mORF_-_1710365	1710365	1710397	-	6	33	TTG	TGA	0	0	
mORF_-_1710401	1710401	1710415	-	6	15	ATG	TGA	0	0	
mORF_-_1710412	1710412	1710429	-	5	18	GTG	TGA	0	0	
mORF_-_1710422	1710422	1710436	-	6	15	TTG	TAA	0	0	
mORF_-_1710445	1710445	1710450	-	5	6	TTG	TAG	0	0	
mORF_-_1710455	1710455	1710460	-	6	6	GTG	TAA	0	0	
mORF_-_1710483	1710483	1710518	-	4	36	ATG	TAG	0	0	
mORF_-_1710526	1710526	1710603	-	5	78	ATG	TAA	0	0	
mORF_-_1710634	1710634	1710711	-	5	78	GTG	TAA	0	0	
mORF_-_1710651	1710651	1710689	-	4	39	ATG	TAA	0	0	
mORF_-_1710689	1710689	1710817	-	6	129	TTG	TAA	0	0	
mORF_-_1710711	1710711	1710719	-	4	9	TTG	TAG	0	0	
mORF_-_1710735	1710735	1710845	-	4	111	TTG	TAA	0	0	
mORF_-_1710763	1710763	1710849	-	5	87	TTG	TAA	0	0	
mORF_-_1710861	1710861	1710869	-	4	9	ATG	TAG	0	0	
mORF_-_1710910	1710910	1710945	-	5	36	TTG	TAG	0	0	
mORF_-_1710930	1710930	1710974	-	4	45	GTG	TAA	0	0	
mORF_-_1710938	1710938	1710970	-	6	33	TTG	TAA	0	0	
mORF_-_1711002	1711002	1711040	-	4	39	TTG	TAA	0	0	
mORF_-_1711030	1711030	1711395	-	5	366	TTG	TAA	0	0	
mORF_-_1711205	1711205	1711246	-	6	42	ATG	TAG	0	0	
mORF_-_1711212	1711212	1711253	-	4	42	ATG	TAG	0	0	
mORF_-_1711257	1711257	1711442	-	4	186	TTG	TAG	0	0	
mORF_-_1711403	1711403	1711420	-	6	18	TTG	TAA	0	0	
mORF_-_1711417	1711417	1711512	-	5	96	GTG	TGA	0	0	
mORF_-_1711443	1711443	1711514	-	4	72	TTG	TAG	0	0	
mORF_-_1711466	1711466	1711483	-	6	18	GTG	TAA	0	0	
mORF_-_1711515	1711515	1711724	-	4	210	ATG	TGA	0	0	
mORF_-_1711649	1711649	1711762	-	6	114	GTG	TAA	0	0	
mORF_-_1711684	1711684	1712019	-	5	336	TTG	TGA	0	0	
mORF_-_1711755	1711755	1711784	-	4	30	ATG	TGA	0	0	
mORF_-_1711805	1711805	1712008	-	6	204	TTG	TAG	0	0	
mORF_-_1711809	1711809	1711862	-	4	54	ATG	TAG	0	0	
mORF_-_1711956	1711956	1711973	-	4	18	ATG	TAG	0	0	
mORF_-_1712016	1712016	1712072	-	4	57	GTG	TGA	0	0	
mORF_-_1712048	1712048	1712083	-	6	36	TTG	TAA	0	0	
mORF_-_1712132	1712132	1712152	-	6	21	GTG	TAA	0	0	
mORF_-_1712149	1712149	1712241	-	5	93	GTG	TGA	0	0	
mORF_-_1712160	1712160	1712270	-	4	111	TTG	TAG	0	0	
mORF_-_1712201	1712201	1712359	-	6	159	TTG	TAA	0	0	
mORF_-_1712313	1712313	1712318	-	4	6	TTG	TAA	0	0	
mORF_-_1712353	1712353	1712370	-	5	18	ATG	TGA	0	0	
mORF_-_1712374	1712374	1712388	-	5	15	TTG	TAA	0	0	
mORF_-_1712395	1712395	1712445	-	5	51	ATG	TAA	0	0	
mORF_-_1712412	1712412	1712450	-	4	39	GTG	TAG	0	0	
mORF_-_1712494	1712494	1712847	-	5	354	TTG	TAA	0	0	
mORF_-_1712543	1712543	1712563	-	6	21	ATG	TAG	0	0	
mORF_-_1712606	1712606	1712653	-	6	48	GTG	TAA	0	0	
mORF_-_1712673	1712673	1712684	-	4	12	ATG	TAG	0	0	
mORF_-_1712697	1712697	1712765	-	4	69	TTG	TAA	0	0	
mORF_-_1712726	1712726	1712818	-	6	93	GTG	TGA	0	0	
mORF_-_1712852	1712852	1712857	-	6	6	TTG	TAA	0	0	
mORF_-_1712868	1712868	1712933	-	4	66	ATG	TAG	0	0	
mORF_-_1712876	1712876	1712941	-	6	66	ATG	TAA	0	0	
mORF_-_1712923	1712923	1712976	-	5	54	TTG	TAA	0	0	
mORF_-_1712942	1712942	1713013	-	6	72	ATG	TAA	0	0	
mORF_-_1712998	1712998	1713123	-	5	126	ATG	TAA	0	0	
mORF_-_1713050	1713050	1713913	-	6	864	ATG	TGA	16	120	pORF_-_1713050
mORF_-_1713172	1713172	1713177	-	5	6	ATG	TGA	0	0	
mORF_-_1713238	1713238	1713252	-	5	15	GTG	TGA	0	0	
mORF_-_1713253	1713253	1713399	-	5	147	TTG	TAG	0	0	
mORF_-_1713439	1713439	1713543	-	5	105	TTG	TAA	0	0	

mORF_-_1713468	1713468	1713584	-	4	117	TTG	TGA	0	0	
mORF_-_1713613	1713613	1713672	-	5	60	GTG	TGA	0	0	
mORF_-_1713673	1713673	1713726	-	5	54	TTG	TAA	0	0	
mORF_-_1713702	1713702	1713767	-	4	66	ATG	TGA	0	0	
mORF_-_1713805	1713805	1713879	-	5	75	TTG	TGA	0	0	
mORF_-_1713858	1713858	1713950	-	4	93	GTG	TAA	0	0	
mORF_-_1713910	1713910	1713963	-	5	54	GTG	TGA	0	0	
mORF_-_1713964	1713964	1713984	-	5	21	TTG	TAA	0	0	
mORF_-_1713972	1713972	1715258	-	4	1287	ATG	TAA	77	790	pORF_-_1713972
mORF_-_1713986	1713986	1714132	-	6	147	GTG	TGA	0	0	
mORF_-_1714169	1714169	1714240	-	6	72	GTG	TGA	0	0	
mORF_-_1714237	1714237	1714272	-	5	36	ATG	TGA	0	0	
mORF_-_1714241	1714241	1714249	-	6	9	GTG	TGA	0	0	
mORF_-_1714250	1714250	1714309	-	6	60	GTG	TGA	0	0	
mORF_-_1714325	1714325	1714408	-	6	84	TTG	TGA	0	0	
mORF_-_1714430	1714430	1714552	-	6	123	ATG	TGA	0	0	
mORF_-_1714577	1714577	1714585	-	6	9	TTG	TGA	0	0	
mORF_-_1714613	1714613	1714675	-	6	63	GTG	TGA	0	0	
mORF_-_1714636	1714636	1714644	-	5	9	GTG	TAA	0	0	
mORF_-_1714688	1714688	1714759	-	6	72	GTG	TGA	0	0	
mORF_-_1714793	1714793	1714822	-	6	30	TTG	TGA	0	0	
mORF_-_1714838	1714838	1714846	-	6	9	ATG	TGA	0	0	
mORF_-_1714847	1714847	1714924	-	6	78	TTG	TGA	0	0	
mORF_-_1714930	1714930	1714950	-	5	21	GTG	TAA	0	0	
mORF_-_1714973	1714973	1715011	-	6	39	TTG	TGA	0	0	
mORF_-_1714978	1714978	1715079	-	5	102	ATG	TAA	0	0	
mORF_-_1715030	1715030	1715041	-	6	12	TTG	TAG	0	0	
mORF_-_1715072	1715072	1715092	-	6	21	TTG	TGA	0	0	
mORF_-_1715113	1715113	1715136	-	5	24	TTG	TGA	0	0	
mORF_-_1715233	1715233	1715289	-	5	57	GTG	TAA	0	0	
mORF_-_1715246	1715246	1715317	-	6	72	ATG	TGA	0	0	
mORF_-_1715335	1715335	1715478	-	5	144	TTG	TGA	0	0	
mORF_-_1715351	1715351	1715359	-	6	9	TTG	TAA	0	0	
mORF_-_1715375	1715375	1716031	-	6	657	ATG	TGA	22	100	pORF_-_1715375
mORF_-_1715391	1715391	1715402	-	4	12	GTG	TGA	0	0	
mORF_-_1715475	1715475	1715501	-	4	27	TTG	TGA	0	0	
mORF_-_1715542	1715542	1715628	-	5	87	GTG	TGA	0	0	
mORF_-_1715562	1715562	1715609	-	4	48	ATG	TGA	0	0	
mORF_-_1715695	1715695	1715928	-	5	234	TTG	TGA	0	0	
mORF_-_1715706	1715706	1715720	-	4	15	GTG	TGA	0	0	
mORF_-_1715901	1715901	1715921	-	4	21	TTG	TGA	0	0	
mORF_-_1715935	1715935	1715988	-	5	54	GTG	TAA	0	0	
mORF_-_1716040	1716040	1716093	-	5	54	TTG	TAA	0	0	
mORF_-_1716090	1716090	1716419	-	4	330	ATG	TGA	0	0	
mORF_-_1716122	1716122	1716256	-	6	135	TTG	TGA	0	0	
mORF_-_1716293	1716293	1716346	-	6	54	TTG	TGA	0	0	
mORF_-_1716307	1716307	1716312	-	5	6	GTG	TGA	0	0	
mORF_-_1716364	1716364	1716450	-	5	87	TTG	TAG	0	0	
mORF_-_1716461	1716461	1716520	-	6	60	GTG	TAG	0	0	
mORF_-_1716501	1716501	1716746	-	4	246	GTG	TGA	0	0	
mORF_-_1716517	1716517	1717626	-	5	1110	ATG	TGA	9	33	pORF_-_1716517
mORF_-_1716734	1716734	1716748	-	6	15	ATG	TAG	0	0	
mORF_-_1716753	1716753	1716770	-	4	18	GTG	TGA	0	0	
mORF_-_1716798	1716798	1717040	-	4	243	ATG	TGA	0	0	
mORF_-_1716842	1716842	1716880	-	6	39	TTG	TGA	0	0	
mORF_-_1716974	1716974	1716991	-	6	18	GTG	TAA	0	0	
mORF_-_1717044	1717044	1717352	-	4	309	TTG	TGA	0	0	
mORF_-_1717316	1717316	1717342	-	6	27	TTG	TGA	0	0	
mORF_-_1717353	1717353	1717442	-	4	90	TTG	TAG	0	0	
mORF_-_1717430	1717430	1717516	-	6	87	TTG	TGA	0	0	
mORF_-_1717518	1717518	1717607	-	4	90	TTG	TGA	0	0	
mORF_-_1717580	1717580	1717633	-	6	54	ATG	TGA	0	0	
mORF_-_1717623	1717623	1717670	-	4	48	ATG	TGA	0	0	

mORF_-_1717630	1717630	1717662	-	5	33	GTG	TGA	0	0	
mORF_-_1717640	1717640	1717690	-	6	51	ATG	TGA	0	0	
mORF_-_1717707	1717707	1717751	-	4	45	ATG	TAA	0	0	
mORF_-_1717733	1717733	1717741	-	6	9	TTG	TGA	0	0	
mORF_-_1717738	1717738	1717854	-	5	117	ATG	TGA	0	0	
mORF_-_1717788	1717788	1717967	-	4	180	GTG	TAA	0	0	
mORF_-_1717799	1717799	1717816	-	6	18	ATG	TGA	0	0	
mORF_-_1717829	1717829	1717900	-	6	72	TTG	TGA	0	0	
mORF_-_1717904	1717904	1717927	-	6	24	TTG	TAA	0	0	
mORF_-_1717972	1717972	1718316	-	5	345	TTG	TGA	0	0	
mORF_-_1718022	1718022	1718033	-	4	12	ATG	TAG	0	0	
mORF_-_1718058	1718058	1718078	-	4	21	TTG	TGA	0	0	
mORF_-_1718081	1718081	1718092	-	6	12	TTG	TAA	0	0	
mORF_-_1718159	1718159	1718215	-	6	57	TTG	TAG	0	0	
mORF_-_1718196	1718196	1718336	-	4	141	TTG	TGA	0	0	
mORF_-_1718364	1718364	1718399	-	4	36	GTG	TAG	0	0	
mORF_-_1718384	1718384	1718401	-	6	18	GTG	TGA	0	0	
mORF_-_1718389	1718389	1718451	-	5	63	TTG	TAA	0	0	
mORF_-_1718409	1718409	1718417	-	4	9	GTG	TGA	0	0	
mORF_-_1718414	1718414	1718854	-	6	441	ATG	TGA	22	394	pORF_-_1718414
mORF_-_1718470	1718470	1718502	-	5	33	ATG	TGA	0	0	
mORF_-_1718572	1718572	1718607	-	5	36	GTG	TGA	0	0	
mORF_-_1718586	1718586	1718804	-	4	219	ATG	TAA	0	0	
mORF_-_1718623	1718623	1718682	-	5	60	TTG	TAA	0	0	
mORF_-_1718791	1718791	1718799	-	5	9	GTG	TGA	0	0	
mORF_-_1718873	1718873	1718992	-	6	120	GTG	TAG	0	0	
mORF_-_1718881	1718881	1718910	-	5	30	TTG	TAA	0	0	
mORF_-_1718919	1718919	1718927	-	4	9	TTG	TAG	0	0	
mORF_-_1719012	1719012	1719020	-	4	9	TTG	TAG	0	0	
mORF_-_1719042	1719042	1719065	-	4	24	TTG	TAG	0	0	
mORF_-_1719062	1719062	1719070	-	6	9	TTG	TGA	0	0	
mORF_-_1719082	1719082	1719213	-	5	132	ATG	TAA	0	0	
mORF_-_1719111	1719111	1719155	-	4	45	ATG	TAG	0	0	
mORF_-_1719128	1719128	1719136	-	6	9	ATG	TGA	0	0	
mORF_-_1719152	1719152	1719325	-	6	174	ATG	TGA	0	0	
mORF_-_1719192	1719192	1719206	-	4	15	ATG	TAG	0	0	
mORF_-_1719286	1719286	1719294	-	5	9	TTG	TAG	0	0	
mORF_-_1719295	1719295	1719303	-	5	9	TTG	TAA	0	0	
mORF_-_1719304	1719304	1719321	-	5	18	TTG	TAA	0	0	
mORF_-_1719315	1719315	1719617	-	4	303	ATG	TGA	0	0	
mORF_-_1719322	1719322	1719393	-	5	72	GTG	TGA	0	0	
mORF_-_1719371	1719371	1719508	-	6	138	GTG	TAA	0	0	
mORF_-_1719427	1719427	1719435	-	5	9	GTG	TGA	0	0	
mORF_-_1719505	1719505	1719624	-	5	120	GTG	TGA	0	0	
mORF_-_1719554	1719554	1719592	-	6	39	TTG	TGA	0	0	
mORF_-_1719614	1719614	1719793	-	6	180	ATG	TGA	0	0	
mORF_-_1719621	1719621	1719914	-	4	294	TTG	TGA	0	0	
mORF_-_1719670	1719670	1719723	-	5	54	GTG	TAA	0	0	
mORF_-_1719851	1719851	1719859	-	6	9	ATG	TAA	0	0	
mORF_-_1719856	1719856	1719912	-	5	57	GTG	TGA	0	0	
mORF_-_1719863	1719863	1719880	-	6	18	TTG	TAA	0	0	
mORF_-_1719916	1719916	1720005	-	5	90	TTG	TAA	0	0	
mORF_-_1719923	1719923	1719937	-	6	15	TTG	TAG	0	0	
mORF_-_1719942	1719942	1719953	-	4	12	GTG	TAA	0	0	
mORF_-_1719983	1719983	1720129	-	6	147	ATG	TGA	0	0	
mORF_-_1720002	1720002	1720160	-	4	159	ATG	TGA	0	0	
mORF_-_1720099	1720099	1720194	-	5	96	GTG	TGA	0	0	
mORF_-_1720157	1720157	1720204	-	6	48	TTG	TGA	0	0	
mORF_-_1720210	1720210	1720236	-	5	27	ATG	TAA	0	0	
mORF_-_1720265	1720265	1720408	-	6	144	ATG	TAA	0	0	
mORF_-_1720282	1720282	1720488	-	5	207	GTG	TAG	0	0	
mORF_-_1720338	1720338	1720391	-	4	54	GTG	TGA	0	0	
mORF_-_1720433	1720433	1720513	-	6	81	TTG	TAG	0	0	

mORF_-_1720485	1720485	1720508	-	4	24	ATG	TGA	0	0	
mORF_-_1720522	1720522	1720539	-	5	18	ATG	TAG	0	0	
mORF_-_1720591	1720591	1720803	-	5	213	ATG	TGA	0	0	
mORF_-_1720671	1720671	1720772	-	4	102	GTG	TAG	0	0	
mORF_-_1720682	1720682	1720705	-	6	24	GTG	TAA	0	0	
mORF_-_1720712	1720712	1720723	-	6	12	ATG	TAA	0	0	
mORF_-_1720730	1720730	1720888	-	6	159	TTG	TAA	0	0	
mORF_-_1720837	1720837	1720959	-	5	123	GTG	TAG	0	0	
mORF_-_1720932	1720932	1721027	-	4	96	GTG	TGA	0	0	
mORF_-_1720943	1720943	1721005	-	6	63	TTG	TGA	0	0	
mORF_-_1721014	1721014	1721055	-	5	42	TTG	TAA	0	0	
mORF_-_1721031	1721031	1721186	-	4	156	ATG	TAA	0	0	
mORF_-_1721042	1721042	1721074	-	6	33	GTG	TAG	0	0	
mORF_-_1721093	1721093	1721122	-	6	30	TTG	TAG	0	0	
mORF_-_1721135	1721135	1721287	-	6	153	TTG	TAA	0	0	
mORF_-_1721200	1721200	1721304	-	5	105	TTG	TGA	0	0	
mORF_-_1721220	1721220	1721324	-	4	105	TTG	TAG	0	0	
mORF_-_1721325	1721325	1721357	-	4	33	GTG	TAA	0	0	
mORF_-_1721338	1721338	1721670	-	5	333	ATG	TAG	0	0	
mORF_-_1721361	1721361	1721375	-	4	15	GTG	TAA	0	0	
mORF_-_1721405	1721405	1721461	-	6	57	TTG	TAG	0	0	
mORF_-_1721445	1721445	1721495	-	4	51	TTG	TAA	0	0	
mORF_-_1721465	1721465	1721545	-	6	81	TTG	TAA	0	0	
mORF_-_1721505	1721505	1721534	-	4	30	ATG	TAA	0	0	
mORF_-_1721613	1721613	1721762	-	4	150	GTG	TAA	0	0	
mORF_-_1721657	1721657	1721710	-	6	54	ATG	TAA	0	0	
mORF_-_1721740	1721740	1721790	-	5	51	GTG	TGA	0	0	
mORF_-_1721744	1721744	1721800	-	6	57	GTG	TAG	0	0	
mORF_-_1721802	1721802	1722134	-	4	333	GTG	TGA	0	0	
mORF_-_1721849	1721849	1721896	-	6	48	TTG	TAA	0	0	
mORF_-_1721954	1721954	1721995	-	6	42	TTG	TGA	0	0	
mORF_-_1721989	1721989	1722012	-	5	24	GTG	TGA	0	0	
mORF_-_1722023	1722023	1722139	-	6	117	TTG	TAA	0	0	
mORF_-_1722158	1722158	1722730	-	6	573	ATG	TAA	10	39	pORF_-_1722158
mORF_-_1722166	1722166	1722237	-	5	72	TTG	TAA	0	0	
mORF_-_1722247	1722247	1722270	-	5	24	ATG	TGA	0	0	
mORF_-_1722280	1722280	1722321	-	5	42	ATG	TGA	0	0	
mORF_-_1722349	1722349	1722495	-	5	147	GTG	TAG	0	0	
mORF_-_1722511	1722511	1722567	-	5	57	TTG	TGA	0	0	
mORF_-_1722601	1722601	1722645	-	5	45	TTG	TGA	0	0	
mORF_-_1722666	1722666	1722728	-	4	63	GTG	TAG	0	0	
mORF_-_1722760	1722760	1723656	-	5	897	ATG	TAA	16	88	pORF_-_1722760
mORF_-_1722788	1722788	1722805	-	6	18	ATG	TAA	0	0	
mORF_-_1722822	1722822	1722932	-	4	111	TTG	TGA	0	0	
mORF_-_1722945	1722945	1723253	-	4	309	ATG	TAA	0	0	
mORF_-_1723001	1723001	1723033	-	6	33	GTG	TAA	0	0	
mORF_-_1723314	1723314	1723433	-	4	120	GTG	TAA	0	0	
mORF_-_1723382	1723382	1723408	-	6	27	ATG	TGA	0	0	
mORF_-_1723430	1723430	1723480	-	6	51	GTG	TGA	0	0	
mORF_-_1723452	1723452	1723505	-	4	54	ATG	TGA	0	0	
mORF_-_1723518	1723518	1723544	-	4	27	TTG	TGA	0	0	
mORF_-_1723541	1723541	1723708	-	6	168	TTG	TGA	0	0	
mORF_-_1723602	1723602	1723637	-	4	36	TTG	TGA	0	0	
mORF_-_1723705	1723705	1724115	-	5	411	TTG	TGA	0	0	
mORF_-_1723748	1723748	1723786	-	6	39	TTG	TAA	0	0	
mORF_-_1723770	1723770	1723814	-	4	45	ATG	TAA	0	0	
mORF_-_1723818	1723818	1723847	-	4	30	GTG	TGA	0	0	
mORF_-_1723850	1723850	1723870	-	6	21	TTG	TAG	0	0	
mORF_-_1723883	1723883	1723906	-	6	24	GTG	TGA	0	0	
mORF_-_1723955	1723955	1723996	-	6	42	TTG	TGA	0	0	
mORF_-_1724016	1724016	1724126	-	4	111	GTG	TAG	0	0	
mORF_-_1724033	1724033	1724038	-	6	6	GTG	TAG	0	0	
mORF_-_1724149	1724149	1724346	-	5	198	ATG	TAG	0	0	

mORF_-_1724187	1724187	1724222	-	4	36	ATG	TAG	0	0
mORF_-_1724198	1724198	1724326	-	6	129	GTG	TAG	0	0
mORF_-_1724289	1724289	1724303	-	4	15	ATG	TAG	0	0
mORF_-_1724313	1724313	1724354	-	4	42	ATG	TAA	0	0
mORF_-_1724354	1724354	1724593	-	6	240	GTG	TGA	0	0
mORF_-_1724401	1724401	1724490	-	5	90	ATG	TGA	0	0
mORF_-_1724494	1724494	1724613	-	5	120	ATG	TAA	0	0
mORF_-_1724535	1724535	1724624	-	4	90	ATG	TAA	0	0
mORF_-_1724624	1724624	1724653	-	6	30	ATG	TAA	0	0
mORF_-_1724643	1724643	1724792	-	4	150	ATG	TAA	0	0
mORF_-_1724681	1724681	1724710	-	6	30	GTG	TAA	0	0
mORF_-_1724686	1724686	1725024	-	5	339	TTG	TGA	0	0
mORF_-_1724726	1724726	1724737	-	6	12	TTG	TGA	0	0
mORF_-_1724747	1724747	1724755	-	6	9	GTG	TAA	0	0
mORF_-_1724817	1724817	1724945	-	4	129	GTG	TAG	0	0
mORF_-_1724849	1724849	1724932	-	6	84	ATG	TAA	0	0
mORF_-_1724942	1724942	1725058	-	6	117	GTG	TGA	0	0
mORF_-_1724970	1724970	1725005	-	4	36	ATG	TGA	0	0
mORF_-_1725052	1725052	1725252	-	5	201	ATG	TGA	0	0
mORF_-_1725059	1725059	1725121	-	6	63	ATG	TAA	0	0
mORF_-_1725099	1725099	1725167	-	4	69	TTG	TGA	0	0
mORF_-_1725177	1725177	1725185	-	4	9	ATG	TGA	0	0
mORF_-_1725188	1725188	1725445	-	6	258	GTG	TAG	0	0
mORF_-_1725271	1725271	1725279	-	5	9	ATG	TGA	0	0
mORF_-_1725288	1725288	1725479	-	4	192	ATG	TGA	0	0
mORF_-_1725388	1725388	1725492	-	5	105	ATG	TGA	0	0
mORF_-_1725483	1725483	1725701	-	4	219	TTG	TAA	0	0
mORF_-_1725496	1725496	1725567	-	5	72	GTG	TGA	0	0
mORF_-_1725575	1725575	1725649	-	6	75	ATG	TAA	0	0
mORF_-_1725710	1725710	1725718	-	6	9	GTG	TAA	0	0
mORF_-_1725765	1725765	1725788	-	4	24	ATG	TAA	0	0
mORF_-_1725816	1725816	1725902	-	4	87	TTG	TAG	0	0
mORF_-_1725838	1725838	1725981	-	5	144	GTG	TAA	0	0
mORF_-_1725872	1725872	1725910	-	6	39	ATG	TGA	0	0
mORF_-_1725917	1725917	1725973	-	6	57	TTG	TAA	0	0
mORF_-_1725978	1725978	1726133	-	4	156	TTG	TGA	0	0
mORF_-_1726034	1726034	1726069	-	6	36	GTG	TAG	0	0
mORF_-_1726079	1726079	1726084	-	6	6	ATG	TGA	0	0
mORF_-_1726214	1726214	1726264	-	6	51	TTG	TAA	0	0
mORF_-_1726265	1726265	1726333	-	6	69	ATG	TAG	0	0
mORF_-_1726288	1726288	1726302	-	5	15	ATG	TGA	0	0
mORF_-_1726305	1726305	1726517	-	4	213	TTG	TAA	0	0
mORF_-_1726330	1726330	1726347	-	5	18	TTG	TGA	0	0
mORF_-_1726421	1726421	1726738	-	6	318	TTG	TAA	0	0
mORF_-_1726495	1726495	1726575	-	5	81	TTG	TGA	0	0
mORF_-_1726542	1726542	1726748	-	4	207	GTG	TAA	0	0
mORF_-_1726745	1726745	1727056	-	6	312	ATG	TGA	0	0
mORF_-_1726753	1726753	1726866	-	5	114	TTG	TAA	0	0
mORF_-_1726779	1726779	1726853	-	4	75	TTG	TGA	0	0
mORF_-_1726863	1726863	1726913	-	4	51	GTG	TGA	0	0
mORF_-_1726963	1726963	1727040	-	5	78	ATG	TGA	0	0
mORF_-_1727049	1727049	1727159	-	4	111	GTG	TGA	0	0
mORF_-_1727057	1727057	1727080	-	6	24	ATG	TAG	0	0
mORF_-_1727068	1727068	1727076	-	5	9	GTG	TAG	0	0
mORF_-_1727156	1727156	1727353	-	6	198	ATG	TGA	0	0
mORF_-_1727190	1727190	1727387	-	4	198	GTG	TAA	0	0
mORF_-_1727299	1727299	1727373	-	5	75	ATG	TAG	0	0
mORF_-_1727377	1727377	1727406	-	5	30	GTG	TAG	0	0
mORF_-_1727413	1727413	1727571	-	5	159	GTG	TGA	0	0
mORF_-_1727481	1727481	1727522	-	4	42	GTG	TGA	0	0
mORF_-_1727565	1727565	1727582	-	4	18	GTG	TGA	0	0
mORF_-_1727584	1727584	1727997	-	5	414	ATG	TAG	0	0
mORF_-_1727618	1727618	1727686	-	6	69	ATG	TAG	0	0

mORF_-_1727640	1727640	1727786	-	4	147	ATG	TAA	0	0
mORF_-_1727693	1727693	1727725	-	6	33	GTG	TAA	0	0
mORF_-_1727765	1727765	1727839	-	6	75	ATG	TGA	0	0
mORF_-_1727817	1727817	1727948	-	4	132	ATG	TGA	0	0
mORF_-_1727885	1727885	1727986	-	6	102	ATG	TGA	0	0
mORF_-_1728006	1728006	1728065	-	4	60	GTG	TAG	0	0
mORF_-_1728055	1728055	1728210	-	5	156	GTG	TAA	0	0
mORF_-_1728068	1728068	1728145	-	6	78	TTG	TAA	0	0
mORF_-_1728084	1728084	1728128	-	4	45	TTG	TAG	0	0
mORF_-_1728159	1728159	1728173	-	4	15	GTG	TAA	0	0
mORF_-_1728170	1728170	1728199	-	6	30	TTG	TGA	0	0
mORF_-_1728189	1728189	1728206	-	4	18	TTG	TAG	0	0
mORF_-_1728207	1728207	1728314	-	4	108	TTG	TGA	0	0
mORF_-_1728304	1728304	1728348	-	5	45	ATG	TGA	0	0
mORF_-_1728338	1728338	1728364	-	6	27	ATG	TAA	0	0
mORF_-_1728364	1728364	1728618	-	5	255	GTG	TGA	0	0
mORF_-_1728416	1728416	1728511	-	6	96	TTG	TAA	0	0
mORF_-_1728432	1728432	1728599	-	4	168	TTG	TGA	0	0
mORF_-_1728539	1728539	1728727	-	6	189	TTG	TAA	0	0
mORF_-_1728640	1728640	1728675	-	5	36	TTG	TAG	0	0
mORF_-_1728724	1728724	1728912	-	5	189	GTG	TGA	0	0
mORF_-_1728885	1728885	1728893	-	4	9	ATG	TAG	0	0
mORF_-_1728890	1728890	1728907	-	6	18	TTG	TGA	0	0
mORF_-_1729001	1729001	1729276	-	6	276	ATG	TAA	0	0
mORF_-_1729027	1729027	1729101	-	5	75	TTG	TGA	0	0
mORF_-_1729105	1729105	1729143	-	5	39	ATG	TGA	0	0
mORF_-_1729206	1729206	1729472	-	4	267	ATG	TAA	0	0
mORF_-_1729222	1729222	1729506	-	5	285	GTG	TAG	0	0
mORF_-_1729280	1729280	1729402	-	6	123	TTG	TAG	0	0
mORF_-_1729475	1729475	1729522	-	6	48	TTG	TAA	0	0
mORF_-_1729555	1729555	1729581	-	5	27	ATG	TGA	0	0
mORF_-_1729578	1729578	1729631	-	4	54	GTG	TGA	0	0
mORF_-_1729592	1729592	1729672	-	6	81	TTG	TAG	0	0
mORF_-_1729669	1729669	1729713	-	5	45	GTG	TGA	0	0
mORF_-_1729692	1729692	1729715	-	4	24	TTG	TAG	0	0
mORF_-_1729729	1729729	1729866	-	5	138	ATG	TAG	0	0
mORF_-_1729743	1729743	1729784	-	4	42	ATG	TAA	0	0
mORF_-_1729847	1729847	1729990	-	6	144	ATG	TAA	0	0
mORF_-_1729863	1729863	1729961	-	4	99	TTG	TGA	0	0
mORF_-_1730064	1730064	1730144	-	4	81	ATG	TAA	0	0
mORF_-_1730159	1730159	1730380	-	6	222	TTG	TAA	0	0
mORF_-_1730212	1730212	1730226	-	5	15	GTG	TGA	0	0
mORF_-_1730242	1730242	1730268	-	5	27	ATG	TGA	0	0
mORF_-_1730250	1730250	1730645	-	4	396	TTG	TAA	0	0
mORF_-_1730284	1730284	1730415	-	5	132	GTG	TGA	0	0
mORF_-_1730443	1730443	1730463	-	5	21	GTG	TGA	0	0
mORF_-_1730611	1730611	1730739	-	5	129	GTG	TAG	0	0
mORF_-_1730636	1730636	1730710	-	6	75	ATG	TAA	0	0
mORF_-_1730655	1730655	1730705	-	4	51	GTG	TAA	0	0
mORF_-_1730711	1730711	1730887	-	6	177	TTG	TAG	0	0
mORF_-_1730736	1730736	1730825	-	4	90	GTG	TGA	0	0
mORF_-_1730755	1730755	1730982	-	5	228	GTG	TGA	0	0
mORF_-_1730894	1730894	1730914	-	6	21	TTG	TAA	0	0
mORF_-_1730922	1730922	1730942	-	4	21	GTG	TGA	0	0
mORF_-_1730955	1730955	1731107	-	4	153	GTG	TGA	0	0
mORF_-_1730984	1730984	1731034	-	6	51	TTG	TGA	0	0
mORF_-_1731055	1731055	1731063	-	5	9	GTG	TAA	0	0
mORF_-_1731107	1731107	1731436	-	6	330	ATG	TAG	0	0
mORF_-_1731157	1731157	1731168	-	5	12	ATG	TAG	0	0
mORF_-_1731168	1731168	1731215	-	4	48	ATG	TGA	0	0
mORF_-_1731175	1731175	1731351	-	5	177	GTG	TGA	0	0
mORF_-_1731315	1731315	1731371	-	4	57	GTG	TAG	0	0
mORF_-_1731364	1731364	1731495	-	5	132	TTG	TAG	0	0

mORF_-_1731399	1731399	1731455	-	4	57	TTG	TAG	0	0	
mORF_-_1731500	1731500	1731517	-	6	18	TTG	TAA	0	0	
mORF_-_1731505	1731505	1731756	-	5	252	ATG	TAG	0	0	
mORF_-_1731557	1731557	1731580	-	6	24	GTG	TAA	0	0	
mORF_-_1731588	1731588	1731611	-	4	24	GTG	TAG	0	0	
mORF_-_1731644	1731644	1731658	-	6	15	TTG	TAG	0	0	
mORF_-_1731669	1731669	1731707	-	4	39	GTG	TAA	0	0	
mORF_-_1731695	1731695	1731709	-	6	15	TTG	TGA	0	0	
mORF_-_1731778	1731778	1732125	-	5	348	ATG	TAA	19	494	pORF_-_1731778
mORF_-_1731828	1731828	1731848	-	4	21	GTG	TGA	0	0	
mORF_-_1731864	1731864	1732007	-	4	144	TTG	TGA	0	0	
mORF_-_1731872	1731872	1731877	-	6	6	TTG	TGA	0	0	
mORF_-_1731896	1731896	1731904	-	6	9	GTG	TGA	0	0	
mORF_-_1731974	1731974	1732000	-	6	27	ATG	TGA	0	0	
mORF_-_1732062	1732062	1732091	-	4	30	TTG	TGA	0	0	
mORF_-_1732085	1732085	1732141	-	6	57	TTG	TGA	0	0	
mORF_-_1732138	1732138	1732167	-	5	30	ATG	TGA	0	0	
mORF_-_1732148	1732148	1732210	-	6	63	GTG	TAA	0	0	
mORF_-_1732177	1732177	1732188	-	5	12	ATG	TGA	0	0	
mORF_-_1732207	1732207	1732359	-	5	153	TTG	TGA	0	0	
mORF_-_1732236	1732236	1732301	-	4	66	ATG	TAG	0	0	
mORF_-_1732304	1732304	1732339	-	6	36	TTG	TAA	0	0	
mORF_-_1732311	1732311	1732322	-	4	12	ATG	TGA	0	0	
mORF_-_1732369	1732369	1732428	-	5	60	ATG	TAA	0	0	
mORF_-_1732401	1732401	1732571	-	4	171	GTG	TGA	0	0	
mORF_-_1732519	1732519	1732536	-	5	18	ATG	TAA	0	0	
mORF_-_1732526	1732526	1732543	-	6	18	TTG	TAG	0	0	
mORF_-_1732540	1732540	1732740	-	5	201	GTG	TGA	0	0	
mORF_-_1732572	1732572	1732787	-	4	216	TTG	TGA	0	0	
mORF_-_1732577	1732577	1732612	-	6	36	TTG	TGA	0	0	
mORF_-_1732759	1732759	1732809	-	5	51	ATG	TGA	0	0	
mORF_-_1732797	1732797	1732859	-	4	63	TTG	TAG	0	0	
mORF_-_1732834	1732834	1732911	-	5	78	TTG	TGA	0	0	
mORF_-_1732877	1732877	1733059	-	6	183	TTG	TAG	0	0	
mORF_-_1732942	1732942	1733130	-	5	189	ATG	TGA	0	0	
mORF_-_1733106	1733106	1733120	-	4	15	GTG	TGA	0	0	
mORF_-_1733127	1733127	1733156	-	4	30	TTG	TGA	0	0	
mORF_-_1733159	1733159	1733170	-	6	12	GTG	TAA	0	0	
mORF_-_1733163	1733163	1733177	-	4	15	GTG	TGA	0	0	
mORF_-_1733167	1733167	1733229	-	5	63	GTG	TGA	0	0	
mORF_-_1733190	1733190	1733198	-	4	9	GTG	TGA	0	0	
mORF_-_1733204	1733204	1733266	-	6	63	GTG	TGA	0	0	
mORF_-_1733271	1733271	1733324	-	4	54	GTG	TAG	0	0	
mORF_-_1733290	1733290	1733298	-	5	9	TTG	TAA	0	0	
mORF_-_1733328	1733328	1733429	-	4	102	ATG	TAA	0	0	
mORF_-_1733336	1733336	1733356	-	6	21	TTG	TAG	0	0	
mORF_-_1733380	1733380	1733472	-	5	93	ATG	TAA	0	0	
mORF_-_1733423	1733423	1733497	-	6	75	ATG	TAG	0	0	
mORF_-_1733433	1733433	1733450	-	4	18	GTG	TAG	0	0	
mORF_-_1733482	1733482	1733490	-	5	9	TTG	TAG	0	0	
mORF_-_1733503	1733503	1733601	-	5	99	TTG	TAA	0	0	
mORF_-_1733529	1733529	1733558	-	4	30	GTG	TAA	0	0	
mORF_-_1733555	1733555	1733623	-	6	69	ATG	TGA	0	0	
mORF_-_1733595	1733595	1733648	-	4	54	GTG	TGA	0	0	
mORF_-_1733629	1733629	1733844	-	5	216	GTG	TAG	0	0	
mORF_-_1733688	1733688	1733699	-	4	12	ATG	TAG	0	0	
mORF_-_1733805	1733805	1733816	-	4	12	TTG	TAG	0	0	
mORF_-_1733813	1733813	1733932	-	6	120	GTG	TGA	0	0	
mORF_-_1733820	1733820	1734044	-	4	225	ATG	TAG	0	0	
mORF_-_1733890	1733890	1733895	-	5	6	ATG	TAA	0	0	
mORF_-_1733899	1733899	1733907	-	5	9	TTG	TAG	0	0	
mORF_-_1733920	1733920	1734105	-	5	186	TTG	TAG	0	0	
mORF_-_1734041	1734041	1734094	-	6	54	GTG	TGA	0	0	

mORF_-_1734141	1734141	1734224	-	4	84	TTG	TAA	0	0	
mORF_-_1734145	1734145	1735314	-	5	1170	ATG	TAA	1	2	pORF_-_1734145
mORF_-_1734152	1734152	1734163	-	6	12	TTG	TAA	0	0	
mORF_-_1734234	1734234	1734245	-	4	12	TTG	TGA	0	0	
mORF_-_1734270	1734270	1734365	-	4	96	GTG	TAA	0	0	
mORF_-_1734353	1734353	1734418	-	6	66	GTG	TGA	0	0	
mORF_-_1734369	1734369	1734449	-	4	81	ATG	TGA	0	0	
mORF_-_1734507	1734507	1734578	-	4	72	TTG	TGA	0	0	
mORF_-_1734579	1734579	1734671	-	4	93	GTG	TGA	0	0	
mORF_-_1734741	1734741	1734767	-	4	27	GTG	TGA	0	0	
mORF_-_1734804	1734804	1734884	-	4	81	GTG	TGA	0	0	
mORF_-_1734900	1734900	1734983	-	4	84	TTG	TAA	0	0	
mORF_-_1735095	1735095	1735115	-	4	21	GTG	TGA	0	0	
mORF_-_1735137	1735137	1735151	-	4	15	TTG	TGA	0	0	
mORF_-_1735155	1735155	1735175	-	4	21	GTG	TAA	0	0	
mORF_-_1735179	1735179	1735280	-	4	102	TTG	TAA	0	0	
mORF_-_1735304	1735304	1735327	-	6	24	GTG	TAA	0	0	
mORF_-_1735311	1735311	1735379	-	4	69	TTG	TGA	0	0	
mORF_-_1735340	1735340	1735435	-	6	96	TTG	TAA	0	0	
mORF_-_1735354	1735354	1735383	-	5	30	GTG	TAA	0	0	
mORF_-_1735380	1735380	1735424	-	4	45	ATG	TGA	0	0	
mORF_-_1735480	1735480	1735599	-	5	120	TTG	TGA	0	0	
mORF_-_1735569	1735569	1735616	-	4	48	ATG	TGA	0	0	
mORF_-_1735589	1735589	1735597	-	6	9	GTG	TAA	0	0	
mORF_-_1735609	1735609	1735650	-	5	42	ATG	TAA	0	0	
mORF_-_1735619	1735619	1735675	-	6	57	GTG	TAA	0	0	
mORF_-_1735647	1735647	1735709	-	4	63	GTG	TGA	0	0	
mORF_-_1735669	1735669	1735701	-	5	33	TTG	TAA	0	0	
mORF_-_1735712	1735712	1735813	-	6	102	TTG	TAA	0	0	
mORF_-_1735818	1735818	1735901	-	4	84	TTG	TAA	0	0	
mORF_-_1735846	1735846	1735968	-	5	123	TTG	TAA	0	0	
mORF_-_1735911	1735911	1735925	-	4	15	GTG	TAG	0	0	
mORF_-_1735922	1735922	1735927	-	6	6	GTG	TGA	0	0	
mORF_-_1735932	1735932	1735943	-	4	12	GTG	TGA	0	0	
mORF_-_1735994	1735994	1736833	-	6	840	ATG	TAA	0	0	
mORF_-_1735999	1735999	1736046	-	5	48	TTG	TAG	0	0	
mORF_-_1736083	1736083	1736100	-	5	18	ATG	TAG	0	0	
mORF_-_1736097	1736097	1736291	-	4	195	TTG	TGA	0	0	
mORF_-_1736134	1736134	1736166	-	5	33	TTG	TAA	0	0	
mORF_-_1736185	1736185	1736343	-	5	159	ATG	TAA	0	0	
mORF_-_1736298	1736298	1736318	-	4	21	TTG	TGA	0	0	
mORF_-_1736365	1736365	1736370	-	5	6	ATG	TAG	0	0	
mORF_-_1736398	1736398	1736496	-	5	99	TTG	TGA	0	0	
mORF_-_1736545	1736545	1736616	-	5	72	ATG	TAA	0	0	
mORF_-_1736613	1736613	1736630	-	4	18	GTG	TGA	0	0	
mORF_-_1736686	1736686	1736703	-	5	18	TTG	TAA	0	0	
mORF_-_1736710	1736710	1736733	-	5	24	GTG	TAG	0	0	
mORF_-_1736715	1736715	1736747	-	4	33	TTG	TAA	0	0	
mORF_-_1736740	1736740	1736802	-	5	63	TTG	TGA	0	0	
mORF_-_1736820	1736820	1736897	-	4	78	GTG	TAG	0	0	
mORF_-_1736890	1736890	1737822	-	5	933	ATG	TAA	0	0	
mORF_-_1736894	1736894	1736932	-	6	39	GTG	TGA	0	0	
mORF_-_1736940	1736940	1736969	-	4	30	TTG	TGA	0	0	
mORF_-_1736979	1736979	1736999	-	4	21	ATG	TAA	0	0	
mORF_-_1736996	1736996	1737064	-	6	69	GTG	TGA	0	0	
mORF_-_1737057	1737057	1737074	-	4	18	ATG	TAG	0	0	
mORF_-_1737074	1737074	1737118	-	6	45	ATG	TAA	0	0	
mORF_-_1737111	1737111	1737278	-	4	168	ATG	TAG	0	0	
mORF_-_1737260	1737260	1737316	-	6	57	TTG	TGA	0	0	
mORF_-_1737282	1737282	1737311	-	4	30	TTG	TGA	0	0	
mORF_-_1737324	1737324	1737350	-	4	27	ATG	TAA	0	0	
mORF_-_1737360	1737360	1737488	-	4	129	TTG	TAG	0	0	
mORF_-_1737492	1737492	1737521	-	4	30	TTG	TGA	0	0	

mORF_-_1737524	1737524	1737634	-	6	111	GTG	TAA	0	0	
mORF_-_1737564	1737564	1737608	-	4	45	TTG	TAG	0	0	
mORF_-_1737648	1737648	1737776	-	4	129	ATG	TGA	0	0	
mORF_-_1737674	1737674	1737697	-	6	24	GTG	TGA	0	0	
mORF_-_1737783	1737783	1737857	-	4	75	TTG	TAG	0	0	
mORF_-_1737791	1737791	1737835	-	6	45	TTG	TGA	0	0	
mORF_-_1737861	1737861	1737872	-	4	12	GTG	TAA	0	0	
mORF_-_1737869	1737869	1737886	-	6	18	GTG	TGA	0	0	
mORF_-_1737890	1737890	1737940	-	6	51	TTG	TAG	0	0	
mORF_-_1737909	1737909	1737998	-	4	90	TTG	TAA	0	0	
mORF_-_1737922	1737922	1738029	-	5	108	ATG	TAA	0	0	
mORF_-_1737956	1737956	1738045	-	6	90	TTG	TAA	0	0	
mORF_-_1738074	1738074	1738172	-	4	99	TTG	TAA	0	0	
mORF_-_1738181	1738181	1738282	-	6	102	TTG	TAA	0	0	
mORF_-_1738272	1738272	1738310	-	4	39	GTG	TAA	0	0	
mORF_-_1738300	1738300	1738500	-	5	201	TTG	TAA	0	0	
mORF_-_1738338	1738338	1738367	-	4	30	GTG	TGA	0	0	
mORF_-_1738379	1738379	1738402	-	6	24	ATG	TAA	0	0	
mORF_-_1738539	1738539	1738613	-	4	75	GTG	TAG	0	0	
mORF_-_1738546	1738546	1738620	-	5	75	ATG	TAG	0	0	
mORF_-_1738658	1738658	1738732	-	6	75	TTG	TAA	0	0	
mORF_-_1738699	1738699	1738863	-	5	165	TTG	TAA	0	0	
mORF_-_1738745	1738745	1738954	-	6	210	TTG	TAA	0	0	
mORF_-_1738806	1738806	1738841	-	4	36	ATG	TAA	0	0	
mORF_-_1738873	1738873	1738947	-	5	75	GTG	TAG	0	0	
mORF_-_1738878	1738878	1738976	-	4	99	TTG	TAG	0	0	
mORF_-_1738951	1738951	1739028	-	5	78	GTG	TGA	0	0	
mORF_-_1739004	1739004	1739015	-	4	12	ATG	TGA	0	0	
mORF_-_1739019	1739019	1739141	-	4	123	GTG	TGA	0	0	
mORF_-_1739042	1739042	1739131	-	6	90	ATG	TGA	0	0	
mORF_-_1739068	1739068	1739073	-	5	6	ATG	TAA	0	0	
mORF_-_1739107	1739107	1739115	-	5	9	TTG	TGA	0	0	
mORF_-_1739138	1739138	1739143	-	6	6	GTG	TGA	0	0	
mORF_-_1739168	1739168	1739182	-	6	15	TTG	TAA	0	0	
mORF_-_1739217	1739217	1739285	-	4	69	GTG	TAG	0	0	
mORF_-_1739257	1739257	1739298	-	5	42	ATG	TAA	0	0	
mORF_-_1739295	1739295	1739306	-	4	12	TTG	TGA	0	0	
mORF_-_1739339	1739339	1739416	-	6	78	GTG	TAA	0	0	
mORF_-_1739371	1739371	1739376	-	5	6	TTG	TGA	0	0	
mORF_-_1739391	1739391	1739528	-	4	138	ATG	TAG	0	0	
mORF_-_1739435	1739435	1739446	-	6	12	ATG	TAG	0	0	
mORF_-_1739503	1739503	1739592	-	5	90	TTG	TAA	0	0	
mORF_-_1739619	1739619	1739669	-	4	51	TTG	TAA	0	0	
mORF_-_1739674	1739674	1739844	-	5	171	TTG	TAA	0	0	
mORF_-_1739706	1739706	1739786	-	4	81	TTG	TGA	0	0	
mORF_-_1739793	1739793	1739840	-	4	48	ATG	TAA	0	0	
mORF_-_1739856	1739856	1739906	-	4	51	TTG	TAA	0	0	
mORF_-_1739903	1739903	1739995	-	6	93	ATG	TGA	0	0	
mORF_-_1739929	1739929	1740369	-	5	441	ATG	TAA	0	0	
mORF_-_1739985	1739985	1739990	-	4	6	ATG	TAG	0	0	
mORF_-_1740000	1740000	1740029	-	4	30	ATG	TAA	0	0	
mORF_-_1740054	1740054	1740086	-	4	33	ATG	TGA	0	0	
mORF_-_1740180	1740180	1740221	-	4	42	ATG	TAG	0	0	
mORF_-_1740392	1740392	1740430	-	6	39	ATG	TAG	0	0	
mORF_-_1740476	1740476	1740550	-	6	75	GTG	TAA	0	0	
mORF_-_1740625	1740625	1741266	-	5	642	ATG	TGA	25	269	pORF_-_1740625
mORF_-_1740648	1740648	1740677	-	4	30	GTG	TGA	0	0	
mORF_-_1740690	1740690	1740755	-	4	66	TTG	TAG	0	0	
mORF_-_1740719	1740719	1740796	-	6	78	TTG	TGA	0	0	
mORF_-_1740825	1740825	1740848	-	4	24	TTG	TGA	0	0	
mORF_-_1740972	1740972	1741016	-	4	45	TTG	TAA	0	0	
mORF_-_1741013	1741013	1741027	-	6	15	TTG	TGA	0	0	
mORF_-_1741038	1741038	1741049	-	4	12	TTG	TAA	0	0	

mORF_-_1741077	1741077	1741094	-	4	18	ATG	TGA	0	0	
mORF_-_1741103	1741103	1741129	-	6	27	TTG	TAA	0	0	
mORF_-_1741119	1741119	1741253	-	4	135	TTG	TGA	0	0	
mORF_-_1741269	1741269	1741274	-	4	6	TTG	TAA	0	0	
mORF_-_1741288	1741288	1741308	-	5	21	GTG	TAA	0	0	
mORF_-_1741302	1741302	1741310	-	4	9	TTG	TGA	0	0	
mORF_-_1741354	1741354	1741365	-	5	12	GTG	TAG	0	0	
mORF_-_1741387	1741387	1741431	-	5	45	ATG	TAG	0	0	
mORF_-_1741444	1741444	1741455	-	5	12	ATG	TAA	0	0	
mORF_-_1741460	1741460	1741480	-	6	21	GTG	TAG	0	0	
mORF_-_1741494	1741494	1741526	-	4	33	TTG	TGA	0	0	
mORF_-_1741520	1741520	1741666	-	6	147	GTG	TAA	0	0	
mORF_-_1741594	1741594	1741611	-	5	18	ATG	TAG	0	0	
mORF_-_1741635	1741635	1741682	-	4	48	ATG	TAG	0	0	
mORF_-_1741663	1741663	1741731	-	5	69	ATG	TGA	0	0	
mORF_-_1741682	1741682	1741702	-	6	21	TTG	TAA	0	0	
mORF_-_1741703	1741703	1742200	-	6	498	TTG	TAA	0	0	
mORF_-_1741738	1741738	1741785	-	5	48	ATG	TGA	0	0	
mORF_-_1741810	1741810	1741857	-	5	48	TTG	TAA	0	0	
mORF_-_1741815	1741815	1741946	-	4	132	TTG	TAA	0	0	
mORF_-_1741867	1741867	1741995	-	5	129	ATG	TAA	0	0	
mORF_-_1742023	1742023	1742103	-	5	81	ATG	TGA	0	0	
mORF_-_1742110	1742110	1742160	-	5	51	GTG	TAA	0	0	
mORF_-_1742115	1742115	1742165	-	4	51	TTG	TAA	0	0	
mORF_-_1742181	1742181	1742243	-	4	63	GTG	TAA	0	0	
mORF_-_1742264	1742264	1742302	-	6	39	GTG	TAA	0	0	
mORF_-_1742319	1742319	1742345	-	4	27	TTG	TAA	0	0	
mORF_-_1742367	1742367	1742402	-	4	36	TTG	TAG	0	0	
mORF_-_1742392	1742392	1742520	-	5	129	TTG	TGA	0	0	
mORF_-_1742399	1742399	1742416	-	6	18	TTG	TGA	0	0	
mORF_-_1742436	1742436	1742459	-	4	24	TTG	TAA	0	0	
mORF_-_1742475	1742475	1742588	-	4	114	TTG	TGA	0	0	
mORF_-_1742483	1742483	1742548	-	6	66	ATG	TGA	0	0	
mORF_-_1742585	1742585	1742812	-	6	228	TTG	TGA	0	0	
mORF_-_1742620	1742620	1742640	-	5	21	ATG	TAA	0	0	
mORF_-_1742655	1742655	1742702	-	4	48	GTG	TAA	0	0	
mORF_-_1742689	1742689	1742832	-	5	144	ATG	TAG	0	0	
mORF_-_1742822	1742822	1742920	-	6	99	TTG	TGA	0	0	
mORF_-_1742829	1742829	1742870	-	4	42	TTG	TGA	0	0	
mORF_-_1742851	1742851	1742877	-	5	27	GTG	TAG	0	0	
mORF_-_1742895	1742895	1744151	-	4	1257	ATG	TAA	10	17	pORF_-_1742895
mORF_-_1742945	1742945	1742977	-	6	33	ATG	TGA	0	0	
mORF_-_1742953	1742953	1742958	-	5	6	GTG	TAA	0	0	
mORF_-_1742981	1742981	1742989	-	6	9	TTG	TAA	0	0	
mORF_-_1743017	1743017	1743052	-	6	36	GTG	TGA	0	0	
mORF_-_1743031	1743031	1743066	-	5	36	TTG	TGA	0	0	
mORF_-_1743098	1743098	1743121	-	6	24	ATG	TGA	0	0	
mORF_-_1743121	1743121	1743135	-	5	15	GTG	TGA	0	0	
mORF_-_1743128	1743128	1743148	-	6	21	ATG	TGA	0	0	
mORF_-_1743149	1743149	1743187	-	6	39	GTG	TGA	0	0	
mORF_-_1743212	1743212	1743271	-	6	60	TTG	TGA	0	0	
mORF_-_1743275	1743275	1743304	-	6	30	GTG	TGA	0	0	
mORF_-_1743311	1743311	1743319	-	6	9	TTG	TGA	0	0	
mORF_-_1743338	1743338	1743346	-	6	9	TTG	TAG	0	0	
mORF_-_1743380	1743380	1743391	-	6	12	GTG	TGA	0	0	
mORF_-_1743398	1743398	1743448	-	6	51	ATG	TAA	0	0	
mORF_-_1743449	1743449	1743553	-	6	105	GTG	TGA	0	0	
mORF_-_1743563	1743563	1743685	-	6	123	ATG	TGA	0	0	
mORF_-_1743634	1743634	1743639	-	5	6	TTG	TGA	0	0	
mORF_-_1743686	1743686	1743982	-	6	297	GTG	TAG	0	0	
mORF_-_1743952	1743952	1743969	-	5	18	ATG	TAA	0	0	
mORF_-_1743995	1743995	1744051	-	6	57	TTG	TGA	0	0	
mORF_-_1744052	1744052	1744105	-	6	54	TTG	TGA	0	0	

mORF_-_1744127	1744127	1744171	-	6	45	ATG	TGA	0	0
mORF_-_1744188	1744188	1744271	-	4	84	GTG	TAG	0	0
mORF_-_1744205	1744205	1744249	-	6	45	TTG	TAG	0	0
mORF_-_1744216	1744216	1744245	-	5	30	TTG	TAA	0	0
mORF_-_1744256	1744256	1744336	-	6	81	TTG	TAA	0	0
mORF_-_1744288	1744288	1744320	-	5	33	GTG	TGA	0	0
mORF_-_1744317	1744317	1744328	-	4	12	TTG	TGA	0	0
mORF_-_1744330	1744330	1744347	-	5	18	TTG	TGA	0	0
mORF_-_1744353	1744353	1744448	-	4	96	GTG	TAA	0	0
mORF_-_1744390	1744390	1744410	-	5	21	GTG	TAA	0	0
mORF_-_1744426	1744426	1744614	-	5	189	GTG	TAG	0	0
mORF_-_1744449	1744449	1744466	-	4	18	ATG	TAG	0	0
mORF_-_1744470	1744470	1744523	-	4	54	TTG	TGA	0	0
mORF_-_1744478	1744478	1744489	-	6	12	GTG	TAA	0	0
mORF_-_1744551	1744551	1744670	-	4	120	TTG	TGA	0	0
mORF_-_1744559	1744559	1744570	-	6	12	GTG	TAA	0	0
mORF_-_1744684	1744684	1744689	-	5	6	GTG	TAA	0	0
mORF_-_1744722	1744722	1744730	-	4	9	TTG	TAG	0	0
mORF_-_1744736	1744736	1745005	-	6	270	TTG	TAA	0	0
mORF_-_1744755	1744755	1744778	-	4	24	TTG	TAA	0	0
mORF_-_1744791	1744791	1744799	-	4	9	GTG	TAA	0	0
mORF_-_1744882	1744882	1744893	-	5	12	GTG	TAG	0	0
mORF_-_1744915	1744915	1744989	-	5	75	TTG	TAG	0	0
mORF_-_1744986	1744986	1744997	-	4	12	GTG	TGA	0	0
mORF_-_1745002	1745002	1745010	-	5	9	TTG	TGA	0	0
mORF_-_1745007	1745007	1745018	-	4	12	TTG	TGA	0	0
mORF_-_1745011	1745011	1745043	-	5	33	TTG	TGA	0	0
mORF_-_1745036	1745036	1745101	-	6	66	TTG	TAA	0	0
mORF_-_1745062	1745062	1745085	-	5	24	TTG	TGA	0	0
mORF_-_1745082	1745082	1745105	-	4	24	TTG	TGA	0	0
mORF_-_1745098	1745098	1745121	-	5	24	GTG	TGA	0	0
mORF_-_1745108	1745108	1745155	-	6	48	TTG	TAA	0	0
mORF_-_1745186	1745186	1745233	-	6	48	GTG	TAG	0	0
mORF_-_1745196	1745196	1745201	-	4	6	GTG	TAG	0	0
mORF_-_1745215	1745215	1745226	-	5	12	TTG	TAG	0	0
mORF_-_1745243	1745243	1745320	-	6	78	TTG	TAG	0	0
mORF_-_1745371	1745371	1745430	-	5	60	GTG	TAG	0	0
mORF_-_1745411	1745411	1745542	-	6	132	ATG	TAA	0	0
mORF_-_1745443	1745443	1745481	-	5	39	TTG	TAA	0	0
mORF_-_1745491	1745491	1745514	-	5	24	TTG	TAG	0	0
mORF_-_1745532	1745532	1745582	-	4	51	ATG	TAA	0	0
mORF_-_1745539	1745539	1745562	-	5	24	TTG	TGA	0	0
mORF_-_1745564	1745564	1745569	-	6	6	TTG	TAA	0	0
mORF_-_1745588	1745588	1745716	-	6	129	TTG	TAG	0	0
mORF_-_1745595	1745595	1745639	-	4	45	GTG	TGA	0	0
mORF_-_1745623	1745623	1745646	-	5	24	GTG	TAA	0	0
mORF_-_1745698	1745698	1745838	-	5	141	GTG	TGA	0	0
mORF_-_1745741	1745741	1745776	-	6	36	TTG	TAA	0	0
mORF_-_1745790	1745790	1745807	-	4	18	ATG	TGA	0	0
mORF_-_1745804	1745804	1745851	-	6	48	TTG	TGA	0	0
mORF_-_1745835	1745835	1745885	-	4	51	GTG	TGA	0	0
mORF_-_1745925	1745925	1745948	-	4	24	GTG	TAG	0	0
mORF_-_1745935	1745935	1745940	-	5	6	GTG	TAA	0	0
mORF_-_1745945	1745945	1745959	-	6	15	ATG	TGA	0	0
mORF_-_1745959	1745959	1746057	-	5	99	TTG	TAA	0	0
mORF_-_1745973	1745973	1746032	-	4	60	TTG	TGA	0	0
mORF_-_1746029	1746029	1746133	-	6	105	ATG	TGA	0	0
mORF_-_1746054	1746054	1746062	-	4	9	ATG	TGA	0	0
mORF_-_1746067	1746067	1746270	-	5	204	ATG	TAA	0	0
mORF_-_1746096	1746096	1746173	-	4	78	TTG	TGA	0	0
mORF_-_1746204	1746204	1746305	-	4	102	ATG	TAA	0	0
mORF_-_1746209	1746209	1746250	-	6	42	GTG	TGA	0	0
mORF_-_1746302	1746302	1746322	-	6	21	TTG	TGA	0	0

mORF_-_1746312	1746312	1746374	-	4	63	ATG	TAA	0	0	
mORF_-_1746355	1746355	1746489	-	5	135	TTG	TAA	0	0	
mORF_-_1746399	1746399	1746449	-	4	51	TTG	TAG	0	0	
mORF_-_1746526	1746526	1746537	-	5	12	TTG	TAG	0	0	
mORF_-_1746586	1746586	1746777	-	5	192	GTG	TAA	0	0	
mORF_-_1746671	1746671	1746877	-	6	207	ATG	TAA	0	0	
mORF_-_1746771	1746771	1747583	-	4	813	ATG	TGA	0	0	
mORF_-_1746941	1746941	1747105	-	6	165	TTG	TAG	0	0	
mORF_-_1747042	1747042	1747059	-	5	18	GTG	TAA	0	0	
mORF_-_1747063	1747063	1747077	-	5	15	TTG	TGA	0	0	
mORF_-_1747151	1747151	1747468	-	6	318	TTG	TAA	0	0	
mORF_-_1747282	1747282	1747332	-	5	51	TTG	TGA	0	0	
mORF_-_1747399	1747399	1747422	-	5	24	GTG	TGA	0	0	
mORF_-_1747469	1747469	1747492	-	6	24	ATG	TGA	0	0	
mORF_-_1747495	1747495	1747554	-	5	60	ATG	TAG	0	0	
mORF_-_1747580	1747580	1747606	-	6	27	ATG	TGA	0	0	
mORF_-_1747587	1747587	1748372	-	4	786	ATG	TAA	0	0	
mORF_-_1747618	1747618	1747770	-	5	153	GTG	TAA	0	0	
mORF_-_1747685	1747685	1747702	-	6	18	TTG	TAA	0	0	
mORF_-_1747727	1747727	1747744	-	6	18	ATG	TAA	0	0	
mORF_-_1747781	1747781	1747987	-	6	207	ATG	TGA	0	0	
mORF_-_1747849	1747849	1747941	-	5	93	GTG	TAA	0	0	
mORF_-_1747972	1747972	1748034	-	5	63	TTG	TAA	0	0	
mORF_-_1747991	1747991	1748086	-	6	96	TTG	TGA	0	0	
mORF_-_1748059	1748059	1748148	-	5	90	ATG	TAA	0	0	
mORF_-_1748096	1748096	1748188	-	6	93	ATG	TGA	0	0	
mORF_-_1748182	1748182	1748298	-	5	117	TTG	TGA	0	0	
mORF_-_1748207	1748207	1748278	-	6	72	TTG	TGA	0	0	
mORF_-_1748282	1748282	1748323	-	6	42	ATG	TGA	0	0	
mORF_-_1748330	1748330	1748356	-	6	27	ATG	TAG	0	0	
mORF_-_1748350	1748350	1748376	-	5	27	ATG	TGA	0	0	
mORF_-_1748369	1748369	1749088	-	6	720	ATG	TGA	0	0	
mORF_-_1748389	1748389	1748505	-	5	117	TTG	TGA	0	0	
mORF_-_1748457	1748457	1748474	-	4	18	GTG	TAA	0	0	
mORF_-_1748490	1748490	1748540	-	4	51	TTG	TAG	0	0	
mORF_-_1748509	1748509	1748646	-	5	138	TTG	TGA	0	0	
mORF_-_1748583	1748583	1748588	-	4	6	ATG	TGA	0	0	
mORF_-_1748613	1748613	1748669	-	4	57	GTG	TAA	0	0	
mORF_-_1748680	1748680	1748748	-	5	69	ATG	TAG	0	0	
mORF_-_1748703	1748703	1748765	-	4	63	ATG	TGA	0	0	
mORF_-_1748824	1748824	1748916	-	5	93	ATG	TAG	0	0	
mORF_-_1748865	1748865	1748885	-	4	21	TTG	TAA	0	0	
mORF_-_1748889	1748889	1748903	-	4	15	GTG	TAA	0	0	
mORF_-_1748920	1748920	1748928	-	5	9	ATG	TGA	0	0	
mORF_-_1748992	1748992	1749015	-	5	24	TTG	TAA	0	0	
mORF_-_1749042	1749042	1749140	-	4	99	ATG	TAA	0	0	
mORF_-_1749049	1749049	1749066	-	5	18	TTG	TAG	0	0	
mORF_-_1749101	1749101	1749748	-	6	648	ATG	TGA	0	0	
mORF_-_1749121	1749121	1749159	-	5	39	ATG	TAG	0	0	
mORF_-_1749163	1749163	1749267	-	5	105	TTG	TGA	0	0	
mORF_-_1749264	1749264	1749341	-	4	78	GTG	TGA	0	0	
mORF_-_1749301	1749301	1749420	-	5	120	GTG	TGA	0	0	
mORF_-_1749342	1749342	1749374	-	4	33	TTG	TGA	0	0	
mORF_-_1749421	1749421	1749450	-	5	30	ATG	TGA	0	0	
mORF_-_1749447	1749447	1749470	-	4	24	TTG	TGA	0	0	
mORF_-_1749463	1749463	1749537	-	5	75	TTG	TGA	0	0	
mORF_-_1749640	1749640	1749696	-	5	57	TTG	TAA	0	0	
mORF_-_1749648	1749648	1749677	-	4	30	ATG	TGA	0	0	
mORF_-_1749712	1749712	1749726	-	5	15	ATG	TAG	0	0	
mORF_-_1749736	1749736	1749984	-	5	249	ATG	TGA	0	0	
mORF_-_1749741	1749741	1749836	-	4	96	TTG	TAA	0	0	
mORF_-_1749752	1749752	1751938	-	6	2187	ATG	TAA	1	2	pORF_-_1749752
mORF_-_1750012	1750012	1750026	-	5	15	GTG	TAA	0	0	

mORF_-_1750075	1750075	1750116	-	5	42	TTG	TGA	0	0	
mORF_-_1750137	1750137	1750184	-	4	48	GTG	TAA	0	0	
mORF_-_1750162	1750162	1750320	-	5	159	GTG	TGA	0	0	
mORF_-_1750197	1750197	1750226	-	4	30	GTG	TAA	0	0	
mORF_-_1750330	1750330	1750350	-	5	21	TTG	TGA	0	0	
mORF_-_1750372	1750372	1750536	-	5	165	ATG	TGA	0	0	
mORF_-_1750549	1750549	1750740	-	5	192	ATG	TGA	0	0	
mORF_-_1750647	1750647	1750688	-	4	42	TTG	TGA	0	0	
mORF_-_1750719	1750719	1750727	-	4	9	ATG	TAA	0	0	
mORF_-_1750750	1750750	1750770	-	5	21	TTG	TGA	0	0	
mORF_-_1750771	1750771	1750836	-	5	66	TTG	TGA	0	0	
mORF_-_1750794	1750794	1750850	-	4	57	TTG	TGA	0	0	
mORF_-_1750843	1750843	1750878	-	5	36	TTG	TAG	0	0	
mORF_-_1750854	1750854	1750928	-	4	75	TTG	TAA	0	0	
mORF_-_1750975	1750975	1751172	-	5	198	TTG	TAG	0	0	
mORF_-_1751061	1751061	1751075	-	4	15	TTG	TGA	0	0	
mORF_-_1751085	1751085	1751129	-	4	45	GTG	TAA	0	0	
mORF_-_1751185	1751185	1751196	-	5	12	ATG	TGA	0	0	
mORF_-_1751206	1751206	1751256	-	5	51	TTG	TGA	0	0	
mORF_-_1751281	1751281	1751301	-	5	21	GTG	TAA	0	0	
mORF_-_1751319	1751319	1751441	-	4	123	ATG	TAG	0	0	
mORF_-_1751323	1751323	1751379	-	5	57	GTG	TGA	0	0	
mORF_-_1751395	1751395	1751475	-	5	81	ATG	TGA	0	0	
mORF_-_1751478	1751478	1751492	-	4	15	ATG	TAA	0	0	
mORF_-_1751545	1751545	1751580	-	5	36	ATG	TGA	0	0	
mORF_-_1751626	1751626	1751649	-	5	24	GTG	TAA	0	0	
mORF_-_1751659	1751659	1751676	-	5	18	TTG	TAA	0	0	
mORF_-_1751680	1751680	1751766	-	5	87	TTG	TAG	0	0	
mORF_-_1751824	1751824	1751871	-	5	48	TTG	TAA	0	0	
mORF_-_1751832	1751832	1751843	-	4	12	TTG	TAA	0	0	
mORF_-_1751875	1751875	1752501	-	5	627	ATG	TGA	0	0	
mORF_-_1751907	1751907	1751954	-	4	48	GTG	TAA	0	0	
mORF_-_1751939	1751939	1751956	-	6	18	ATG	TGA	0	0	
mORF_-_1751969	1751969	1752007	-	6	39	ATG	TAA	0	0	
mORF_-_1751994	1751994	1752092	-	4	99	TTG	TGA	0	0	
mORF_-_1752041	1752041	1752271	-	6	231	TTG	TAA	0	0	
mORF_-_1752105	1752105	1752200	-	4	96	TTG	TGA	0	0	
mORF_-_1752243	1752243	1752281	-	4	39	GTG	TAG	0	0	
mORF_-_1752278	1752278	1752301	-	6	24	ATG	TGA	0	0	
mORF_-_1752348	1752348	1752410	-	4	63	TTG	TAG	0	0	
mORF_-_1752362	1752362	1752382	-	6	21	TTG	TGA	0	0	
mORF_-_1752414	1752414	1752425	-	4	12	TTG	TAA	0	0	
mORF_-_1752462	1752462	1752470	-	4	9	TTG	TAA	0	0	
mORF_-_1752474	1752474	1752491	-	4	18	TTG	TAG	0	0	
mORF_-_1752488	1752488	1752538	-	6	51	TTG	TGA	0	0	
mORF_-_1752498	1752498	1752527	-	4	30	GTG	TGA	0	0	
mORF_-_1752502	1752502	1752561	-	5	60	ATG	TAA	0	0	
mORF_-_1752554	1752554	1752565	-	6	12	TTG	TAA	0	0	
mORF_-_1752566	1752566	1752595	-	6	30	GTG	TAG	0	0	
mORF_-_1752634	1752634	1752702	-	5	69	ATG	TAA	0	0	
mORF_-_1752683	1752683	1752715	-	6	33	TTG	TAA	0	0	
mORF_-_1752696	1752696	1752791	-	4	96	TTG	TAA	0	0	
mORF_-_1752712	1752712	1752732	-	5	21	TTG	TGA	0	0	
mORF_-_1752722	1752722	1752727	-	6	6	TTG	TAA	0	0	
mORF_-_1752776	1752776	1752829	-	6	54	ATG	TAA	0	0	
mORF_-_1752835	1752835	1752852	-	5	18	ATG	TAG	0	0	
mORF_-_1752894	1752894	1752959	-	4	66	ATG	TAA	0	0	
mORF_-_1752935	1752935	1752946	-	6	12	ATG	TAA	0	0	
mORF_-_1752956	1752956	1753165	-	6	210	ATG	TGA	5	36	pORF_-_1752956
mORF_-_1752961	1752961	1753008	-	5	48	GTG	TAA	0	0	
mORF_-_1753030	1753030	1753200	-	5	171	ATG	TAG	0	0	
mORF_-_1753107	1753107	1753124	-	4	18	GTG	TAA	0	0	
mORF_-_1753175	1753175	1753216	-	6	42	TTG	TAG	0	0	

mORF_-_1753182	1753182	1753190	-	4	9	TTG	TGA	0	0	
mORF_-_1753204	1753204	1753224	-	5	21	TTG	TGA	0	0	
mORF_-_1753209	1753209	1753235	-	4	27	TTG	TAG	0	0	
mORF_-_1753217	1753217	1753231	-	6	15	TTG	TAA	0	0	
mORF_-_1753228	1753228	1753245	-	5	18	TTG	TGA	0	0	
mORF_-_1753259	1753259	1753315	-	6	57	GTG	TAA	0	0	
mORF_-_1753293	1753293	1753325	-	4	33	GTG	TAA	0	0	
mORF_-_1753312	1753312	1753356	-	5	45	TTG	TGA	0	0	
mORF_-_1753322	1753322	1753342	-	6	21	GTG	TGA	0	0	
mORF_-_1753393	1753393	1753425	-	5	33	TTG	TAA	0	0	
mORF_-_1753412	1753412	1753555	-	6	144	GTG	TAA	0	0	
mORF_-_1753474	1753474	1753518	-	5	45	GTG	TGA	0	0	
mORF_-_1753534	1753534	1753584	-	5	51	ATG	TGA	0	0	
mORF_-_1753542	1753542	1753610	-	4	69	GTG	TGA	0	0	
mORF_-_1753556	1753556	1753594	-	6	39	GTG	TGA	0	0	
mORF_-_1753607	1753607	1753804	-	6	198	ATG	TGA	0	0	
mORF_-_1753617	1753617	1753682	-	4	66	TTG	TAA	0	0	
mORF_-_1753779	1753779	1755125	-	4	1347	GTG	TAA	0	0	
mORF_-_1753853	1753853	1753861	-	6	9	ATG	TGA	0	0	
mORF_-_1753862	1753862	1753945	-	6	84	ATG	TGA	0	0	
mORF_-_1753985	1753985	1754782	-	6	798	ATG	TGA	0	0	
mORF_-_1754146	1754146	1754229	-	5	84	GTG	TAA	0	0	
mORF_-_1754488	1754488	1754532	-	5	45	GTG	TAA	0	0	
mORF_-_1754575	1754575	1754670	-	5	96	TTG	TGA	0	0	
mORF_-_1754851	1754851	1754916	-	5	66	GTG	TAG	0	0	
mORF_-_1754855	1754855	1754926	-	6	72	TTG	TGA	0	0	
mORF_-_1754942	1754942	1754992	-	6	51	GTG	TGA	0	0	
mORF_-_1754995	1754995	1755051	-	5	57	GTG	TAG	0	0	
mORF_-_1755008	1755008	1755112	-	6	105	GTG	TAG	0	0	
mORF_-_1755070	1755070	1755087	-	5	18	GTG	TAA	0	0	
mORF_-_1755106	1755106	1755117	-	5	12	ATG	TAG	0	0	
mORF_-_1755188	1755188	1755235	-	6	48	GTG	TAA	0	0	
mORF_-_1755192	1755192	1755248	-	4	57	GTG	TAA	0	0	
mORF_-_1755254	1755254	1755292	-	6	39	TTG	TAG	0	0	
mORF_-_1755298	1755298	1755363	-	5	66	TTG	TAA	0	0	
mORF_-_1755360	1755360	1755380	-	4	21	ATG	TGA	0	0	
mORF_-_1755408	1755408	1755413	-	4	6	ATG	TAG	0	0	
mORF_-_1755419	1755419	1755427	-	6	9	TTG	TAA	0	0	
mORF_-_1755429	1755429	1755515	-	4	87	TTG	TAG	0	0	
mORF_-_1755546	1755546	1755581	-	4	36	TTG	TGA	0	0	
mORF_-_1755560	1755560	1755595	-	6	36	TTG	TAG	0	0	
mORF_-_1755609	1755609	1755722	-	4	114	ATG	TGA	0	0	
mORF_-_1755665	1755665	1755712	-	6	48	ATG	TAG	0	0	
mORF_-_1755745	1755745	1756749	-	5	1005	ATG	TAG	28	182	pORF_-_1755745
mORF_-_1755753	1755753	1755788	-	4	36	ATG	TGA	0	0	
mORF_-_1755801	1755801	1755839	-	4	39	GTG	TAG	0	0	
mORF_-_1755900	1755900	1756007	-	4	108	ATG	TAG	0	0	
mORF_-_1756059	1756059	1756112	-	4	54	ATG	TGA	0	0	
mORF_-_1756097	1756097	1756126	-	6	30	GTG	TAA	0	0	
mORF_-_1756113	1756113	1756196	-	4	84	ATG	TGA	0	0	
mORF_-_1756221	1756221	1756340	-	4	120	GTG	TAG	0	0	
mORF_-_1756350	1756350	1756379	-	4	30	TTG	TGA	0	0	
mORF_-_1756383	1756383	1756475	-	4	93	ATG	TAG	0	0	
mORF_-_1756503	1756503	1756553	-	4	51	TTG	TAA	0	0	
mORF_-_1756557	1756557	1756679	-	4	123	TTG	TGA	0	0	
mORF_-_1756703	1756703	1756873	-	6	171	TTG	TAG	0	0	
mORF_-_1756746	1756746	1756856	-	4	111	ATG	TGA	0	0	
mORF_-_1756837	1756837	1756863	-	5	27	TTG	TGA	0	0	
mORF_-_1756898	1756898	1757314	-	6	417	ATG	TAA	1	2	pORF_-_1756898
mORF_-_1756936	1756936	1757025	-	5	90	TTG	TGA	0	0	
mORF_-_1756995	1756995	1757003	-	4	9	GTG	TGA	0	0	
mORF_-_1757038	1757038	1757070	-	5	33	TTG	TGA	0	0	
mORF_-_1757080	1757080	1757232	-	5	153	TTG	TGA	0	0	

mORF_-_1757112	1757112	1757150	-	4	39	GTG	TGA	0	0	
mORF_-_1757327	1757327	1758547	-	6	1221	ATG	TAA	10	36	pORF_-_1757327
mORF_-_1757362	1757362	1757385	-	5	24	ATG	TGA	0	0	
mORF_-_1757391	1757391	1757417	-	4	27	GTG	TAA	0	0	
mORF_-_1757443	1757443	1757613	-	5	171	ATG	TGA	0	0	
mORF_-_1757620	1757620	1757634	-	5	15	ATG	TGA	0	0	
mORF_-_1757641	1757641	1757763	-	5	123	GTG	TAG	0	0	
mORF_-_1757724	1757724	1757735	-	4	12	ATG	TGA	0	0	
mORF_-_1757760	1757760	1757804	-	4	45	GTG	TGA	0	0	
mORF_-_1757833	1757833	1757916	-	5	84	ATG	TGA	0	0	
mORF_-_1757871	1757871	1757900	-	4	30	TTG	TAA	0	0	
mORF_-_1757932	1757932	1757982	-	5	51	TTG	TGA	0	0	
mORF_-_1757989	1757989	1758102	-	5	114	ATG	TGA	0	0	
mORF_-_1758063	1758063	1758149	-	4	87	TTG	TGA	0	0	
mORF_-_1758118	1758118	1758306	-	5	189	ATG	TGA	0	0	
mORF_-_1758364	1758364	1758429	-	5	66	TTG	TAA	0	0	
mORF_-_1758430	1758430	1758453	-	5	24	GTG	TGA	0	0	
mORF_-_1758490	1758490	1758498	-	5	9	GTG	TAA	0	0	
mORF_-_1758495	1758495	1758611	-	4	117	GTG	TGA	0	0	
mORF_-_1758544	1758544	1759815	-	5	1272	ATG	TGA	18	59	pORF_-_1758544
mORF_-_1758651	1758651	1758716	-	4	66	TTG	TGA	0	0	
mORF_-_1758713	1758713	1758745	-	6	33	ATG	TGA	0	0	
mORF_-_1758747	1758747	1758761	-	4	15	ATG	TGA	0	0	
mORF_-_1758825	1758825	1758836	-	4	12	ATG	TGA	0	0	
mORF_-_1758867	1758867	1758971	-	4	105	GTG	TGA	0	0	
mORF_-_1758929	1758929	1758934	-	6	6	TTG	TAA	0	0	
mORF_-_1758968	1758968	1758973	-	6	6	GTG	TGA	0	0	
mORF_-_1758984	1758984	1759238	-	4	255	ATG	TGA	0	0	
mORF_-_1759239	1759239	1759250	-	4	12	TTG	TGA	0	0	
mORF_-_1759260	1759260	1759277	-	4	18	GTG	TGA	0	0	
mORF_-_1759317	1759317	1759328	-	4	12	GTG	TGA	0	0	
mORF_-_1759491	1759491	1759520	-	4	30	ATG	TGA	0	0	
mORF_-_1759524	1759524	1759553	-	4	30	TTG	TGA	0	0	
mORF_-_1759584	1759584	1759631	-	4	48	TTG	TAG	0	0	
mORF_-_1759644	1759644	1759763	-	4	120	TTG	TGA	0	0	
mORF_-_1759760	1759760	1759777	-	6	18	GTG	TGA	0	0	
mORF_-_1759790	1759790	1760536	-	6	747	ATG	TAA	23	122	pORF_-_1759790
mORF_-_1759861	1759861	1759962	-	5	102	GTG	TGA	0	0	
mORF_-_1759972	1759972	1759980	-	5	9	ATG	TGA	0	0	
mORF_-_1759993	1759993	1760106	-	5	114	TTG	TAA	0	0	
mORF_-_1760028	1760028	1760039	-	4	12	ATG	TGA	0	0	
mORF_-_1760167	1760167	1760358	-	5	192	TTG	TGA	0	0	
mORF_-_1760371	1760371	1760397	-	5	27	TTG	TGA	0	0	
mORF_-_1760539	1760539	1760649	-	5	111	TTG	TAA	0	0	
mORF_-_1760546	1760546	1762072	-	6	1527	ATG	TAA	8	24	pORF_-_1760546
mORF_-_1760650	1760650	1760805	-	5	156	TTG	TGA	0	0	
mORF_-_1760757	1760757	1760765	-	4	9	GTG	TAA	0	0	
mORF_-_1760766	1760766	1760795	-	4	30	TTG	TGA	0	0	
mORF_-_1760796	1760796	1760822	-	4	27	GTG	TAA	0	0	
mORF_-_1760806	1760806	1760841	-	5	36	ATG	TGA	0	0	
mORF_-_1760989	1760989	1761123	-	5	135	GTG	TGA	0	0	
mORF_-_1761021	1761021	1761116	-	4	96	GTG	TAA	0	0	
mORF_-_1761196	1761196	1761420	-	5	225	ATG	TGA	0	0	
mORF_-_1761427	1761427	1761654	-	5	228	TTG	TAG	0	0	
mORF_-_1761676	1761676	1761738	-	5	63	GTG	TAA	0	0	
mORF_-_1761717	1761717	1761728	-	4	12	TTG	TGA	0	0	
mORF_-_1761735	1761735	1761740	-	4	6	TTG	TGA	0	0	
mORF_-_1761741	1761741	1761872	-	4	132	GTG	TAA	0	0	
mORF_-_1761850	1761850	1761882	-	5	33	ATG	TAA	0	0	
mORF_-_1761919	1761919	1761939	-	5	21	ATG	TAA	0	0	
mORF_-_1761976	1761976	1762005	-	5	30	ATG	TGA	0	0	
mORF_-_1762023	1762023	1762253	-	4	231	TTG	TAA	0	0	
mORF_-_1762042	1762042	1762410	-	5	369	ATG	TAG	8	39	pORF_-_1762042

mORF_-_1762281	1762281	1762325	-	4	45	GTG	TAG	0	0	
mORF_-_1762415	1762415	1762450	-	6	36	ATG	TAA	0	0	
mORF_-_1762420	1762420	1762428	-	5	9	ATG	TGA	0	0	
mORF_-_1762468	1762468	1762509	-	5	42	ATG	TGA	0	0	
mORF_-_1762473	1762473	1762535	-	4	63	ATG	TGA	0	0	
mORF_-_1762525	1762525	1762584	-	5	60	ATG	TAA	0	0	
mORF_-_1762601	1762601	1762615	-	6	15	ATG	TAA	0	0	
mORF_-_1762660	1762660	1762722	-	5	63	GTG	TAA	0	0	
mORF_-_1762727	1762727	1762765	-	6	39	GTG	TAA	0	0	
mORF_-_1762737	1762737	1762745	-	4	9	ATG	TAG	0	0	
mORF_-_1762768	1762768	1762833	-	5	66	GTG	TGA	0	0	
mORF_-_1762827	1762827	1762898	-	4	72	ATG	TAA	0	0	
mORF_-_1762915	1762915	1762983	-	5	69	TTG	TAA	0	0	
mORF_-_1762947	1762947	1762961	-	4	15	TTG	TAA	0	0	
mORF_-_1762958	1762958	1763227	-	6	270	GTG	TGA	2	88	pORF_-_1762958
mORF_-_1762999	1762999	1763040	-	5	42	TTG	TAA	0	0	
mORF_-_1763053	1763053	1763217	-	5	165	TTG	TGA	0	0	
mORF_-_1763160	1763160	1763186	-	4	27	GTG	TAA	0	0	
mORF_-_1763190	1763190	1763282	-	4	93	GTG	TAA	0	0	
mORF_-_1763224	1763224	1763229	-	5	6	GTG	TGA	0	0	
mORF_-_1763246	1763246	1763656	-	6	411	ATG	TGA	10	57	pORF_-_1763246
mORF_-_1763263	1763263	1763496	-	5	234	ATG	TGA	0	0	
mORF_-_1763307	1763307	1763354	-	4	48	ATG	TGA	0	0	
mORF_-_1763427	1763427	1763441	-	4	15	ATG	TGA	0	0	
mORF_-_1763530	1763530	1763619	-	5	90	ATG	TAG	0	0	
mORF_-_1763607	1763607	1763708	-	4	102	TTG	TGA	0	0	
mORF_-_1763653	1763653	1766709	-	5	3057	ATG	TGA	66	359	pORF_-_1763653
mORF_-_1763715	1763715	1764230	-	4	516	ATG	TAA	0	0	
mORF_-_1763831	1763831	1763974	-	6	144	ATG	TGA	0	0	
mORF_-_1764008	1764008	1764028	-	6	21	ATG	TGA	0	0	
mORF_-_1764086	1764086	1764100	-	6	15	TTG	TGA	0	0	
mORF_-_1764264	1764264	1764380	-	4	117	TTG	TAG	0	0	
mORF_-_1764393	1764393	1764461	-	4	69	TTG	TGA	0	0	
mORF_-_1764543	1764543	1764773	-	4	231	TTG	TGA	0	0	
mORF_-_1764647	1764647	1764676	-	6	30	GTG	TGA	0	0	
mORF_-_1764774	1764774	1764866	-	4	93	GTG	TAA	0	0	
mORF_-_1764830	1764830	1764862	-	6	33	ATG	TGA	0	0	
mORF_-_1764863	1764863	1764931	-	6	69	GTG	TGA	0	0	
mORF_-_1764918	1764918	1765013	-	4	96	TTG	TGA	0	0	
mORF_-_1764947	1764947	1764961	-	6	15	ATG	TGA	0	0	
mORF_-_1764974	1764974	1765093	-	6	120	TTG	TAA	0	0	
mORF_-_1765062	1765062	1765127	-	4	66	TTG	TGA	0	0	
mORF_-_1765137	1765137	1765232	-	4	96	GTG	TGA	0	0	
mORF_-_1765190	1765190	1765222	-	6	33	GTG	TGA	0	0	
mORF_-_1765245	1765245	1765262	-	4	18	ATG	TGA	0	0	
mORF_-_1765262	1765262	1765303	-	6	42	GTG	TGA	0	0	
mORF_-_1765278	1765278	1765334	-	4	57	GTG	TGA	0	0	
mORF_-_1765365	1765365	1765565	-	4	201	GTG	TAA	0	0	
mORF_-_1765538	1765538	1765546	-	6	9	GTG	TGA	0	0	
mORF_-_1765584	1765584	1765613	-	4	30	ATG	TGA	0	0	
mORF_-_1765614	1765614	1765628	-	4	15	TTG	TAA	0	0	
mORF_-_1765629	1765629	1765661	-	4	33	TTG	TGA	0	0	
mORF_-_1765665	1765665	1765694	-	4	30	ATG	TGA	0	0	
mORF_-_1765701	1765701	1765727	-	4	27	TTG	TGA	0	0	
mORF_-_1765770	1765770	1765835	-	4	66	ATG	TAG	0	0	
mORF_-_1765953	1765953	1765973	-	4	21	ATG	TGA	0	0	
mORF_-_1766003	1766003	1766050	-	6	48	TTG	TAA	0	0	
mORF_-_1766028	1766028	1766228	-	4	201	ATG	TAA	0	0	
mORF_-_1766238	1766238	1766285	-	4	48	TTG	TGA	0	0	
mORF_-_1766331	1766331	1766345	-	4	15	TTG	TGA	0	0	
mORF_-_1766388	1766388	1766411	-	4	24	TTG	TGA	0	0	
mORF_-_1766472	1766472	1766501	-	4	30	TTG	TGA	0	0	
mORF_-_1766511	1766511	1766552	-	4	42	ATG	TGA	0	0	

mORF_-_1766592	1766592	1766606	-	4	15	ATG	TGA	0	0
mORF_-_1766660	1766660	1766773	-	6	114	TTG	TAA	0	0
mORF_-_1766752	1766752	1766781	-	5	30	GTG	TAG	0	0
mORF_-_1766799	1766799	1766957	-	4	159	ATG	TAA	0	0
mORF_-_1766804	1766804	1766899	-	6	96	ATG	TAG	0	0
mORF_-_1766854	1766854	1766976	-	5	123	ATG	TAA	0	0
mORF_-_1767002	1767002	1767133	-	6	132	TTG	TAA	0	0
mORF_-_1767028	1767028	1767054	-	5	27	GTG	TAA	0	0
mORF_-_1767051	1767051	1767077	-	4	27	GTG	TGA	0	0
mORF_-_1767096	1767096	1767131	-	4	36	GTG	TAA	0	0
mORF_-_1767112	1767112	1767165	-	5	54	ATG	TGA	0	0
mORF_-_1767155	1767155	1767193	-	6	39	TTG	TAA	0	0
mORF_-_1767162	1767162	1767176	-	4	15	ATG	TGA	0	0
mORF_-_1767190	1767190	1767513	-	5	324	ATG	TGA	0	0
mORF_-_1767198	1767198	1767215	-	4	18	ATG	TAA	0	0
mORF_-_1767254	1767254	1767265	-	6	12	TTG	TAA	0	0
mORF_-_1767416	1767416	1767667	-	6	252	ATG	TAA	0	0
mORF_-_1767529	1767529	1767660	-	5	132	ATG	TAA	0	0
mORF_-_1767615	1767615	1767722	-	4	108	GTG	TGA	0	0
mORF_-_1767726	1767726	1767821	-	4	96	TTG	TAG	0	0
mORF_-_1767904	1767904	1768218	-	5	315	ATG	TAG	0	0
mORF_-_1767978	1767978	1767989	-	4	12	TTG	TGA	0	0
mORF_-_1768097	1768097	1768300	-	6	204	ATG	TAA	0	0
mORF_-_1768242	1768242	1768280	-	4	39	ATG	TAA	0	0
mORF_-_1768291	1768291	1768413	-	5	123	ATG	TAA	0	0
mORF_-_1768343	1768343	1768369	-	6	27	TTG	TAG	0	0
mORF_-_1768389	1768389	1768397	-	4	9	GTG	TAA	0	0
mORF_-_1768400	1768400	1768576	-	6	177	TTG	TAA	0	0
mORF_-_1768407	1768407	1768451	-	4	45	TTG	TGA	0	0
mORF_-_1768420	1768420	1768506	-	5	87	ATG	TAA	0	0
mORF_-_1768500	1768500	1768556	-	4	57	TTG	TAA	0	0
mORF_-_1768531	1768531	1768554	-	5	24	GTG	TGA	0	0
mORF_-_1768616	1768616	1768663	-	6	48	GTG	TAA	0	0
mORF_-_1768621	1768621	1768827	-	5	207	ATG	TGA	0	0
mORF_-_1768632	1768632	1768637	-	4	6	GTG	TAA	0	0
mORF_-_1768647	1768647	1768682	-	4	36	ATG	TAA	0	0
mORF_-_1768740	1768740	1768766	-	4	27	ATG	TGA	0	0
mORF_-_1768824	1768824	1768871	-	4	48	ATG	TGA	0	0
mORF_-_1768832	1768832	1768897	-	6	66	ATG	TGA	0	0
mORF_-_1768888	1768888	1768947	-	5	60	TTG	TAA	0	0
mORF_-_1768908	1768908	1768922	-	4	15	TTG	TAG	0	0
mORF_-_1768925	1768925	1769056	-	6	132	ATG	TAA	0	0
mORF_-_1768963	1768963	1769004	-	5	42	GTG	TAA	0	0
mORF_-_1768992	1768992	1769051	-	4	60	GTG	TAA	0	0
mORF_-_1769023	1769023	1769064	-	5	42	GTG	TAA	0	0
mORF_-_1769068	1769068	1769151	-	5	84	ATG	TAA	0	0
mORF_-_1769114	1769114	1769122	-	6	9	GTG	TAG	0	0
mORF_-_1769135	1769135	1769200	-	6	66	GTG	TAA	0	0
mORF_-_1769139	1769139	1769321	-	4	183	ATG	TAA	0	0
mORF_-_1769234	1769234	1769242	-	6	9	ATG	TAA	0	0
mORF_-_1769337	1769337	1769381	-	4	45	ATG	TAG	0	0
mORF_-_1769381	1769381	1769476	-	6	96	GTG	TAA	0	0
mORF_-_1769388	1769388	1769441	-	4	54	GTG	TAA	0	0
mORF_-_1769442	1769442	1769687	-	4	246	GTG	TAA	0	0
mORF_-_1769494	1769494	1769523	-	5	30	TTG	TAA	0	0
mORF_-_1769498	1769498	1769506	-	6	9	ATG	TAA	0	0
mORF_-_1769612	1769612	1769647	-	6	36	GTG	TAA	0	0
mORF_-_1769626	1769626	1769652	-	5	27	ATG	TAA	0	0
mORF_-_1769665	1769665	1769703	-	5	39	ATG	TAA	0	0
mORF_-_1769693	1769693	1769713	-	6	21	TTG	TAG	0	0
mORF_-_1769714	1769714	1769761	-	6	48	TTG	TAA	0	0
mORF_-_1769752	1769752	1769802	-	5	51	TTG	TGA	0	0
mORF_-_1769766	1769766	1769837	-	4	72	TTG	TAA	0	0

mORF_-_1769774	1769774	1769821	-	6	48	ATG	TAA	0	0	
mORF_-_1769850	1769850	1769984	-	4	135	GTG	TAG	0	0	
mORF_-_1769882	1769882	1769893	-	6	12	GTG	TAA	0	0	
mORF_-_1769894	1769894	1769923	-	6	30	ATG	TGA	0	0	
mORF_-_1769942	1769942	1769950	-	6	9	ATG	TAA	0	0	
mORF_-_1769947	1769947	1770048	-	5	102	TTG	TGA	0	0	
mORF_-_1769963	1769963	1769986	-	6	24	ATG	TAA	0	0	
mORF_-_1769988	1769988	1770017	-	4	30	ATG	TAA	0	0	
mORF_-_1770061	1770061	1770171	-	5	111	TTG	TAA	0	0	
mORF_-_1770159	1770159	1770260	-	4	102	TTG	TGA	0	0	
mORF_-_1770188	1770188	1770235	-	6	48	GTG	TAA	0	0	
mORF_-_1770247	1770247	1770276	-	5	30	GTG	TAA	0	0	
mORF_-_1770273	1770273	1770335	-	4	63	TTG	TGA	0	0	
mORF_-_1770323	1770323	1770331	-	6	9	ATG	TGA	0	0	
mORF_-_1770365	1770365	1770394	-	6	30	TTG	TAG	0	0	
mORF_-_1770385	1770385	1770492	-	5	108	TTG	TGA	0	0	
mORF_-_1770396	1770396	1770404	-	4	9	ATG	TAG	0	0	
mORF_-_1770429	1770429	1770455	-	4	27	ATG	TAA	0	0	
mORF_-_1770470	1770470	1770637	-	6	168	TTG	TAA	0	0	
mORF_-_1770541	1770541	1770561	-	5	21	GTG	TGA	0	0	
mORF_-_1770555	1770555	1770566	-	4	12	ATG	TGA	0	0	
mORF_-_1770598	1770598	1770684	-	5	87	ATG	TAG	0	0	
mORF_-_1770624	1770624	1770647	-	4	24	ATG	TAA	0	0	
mORF_-_1770901	1770901	1770951	-	5	51	ATG	TAG	0	0	
mORF_-_1770957	1770957	1770995	-	4	39	TTG	TAA	0	0	
mORF_-_1770971	1770971	1770982	-	6	12	TTG	TGA	0	0	
mORF_-_1771006	1771006	1771020	-	5	15	TTG	TAG	0	0	
mORF_-_1771036	1771036	1771158	-	5	123	TTG	TAG	0	0	
mORF_-_1771131	1771131	1771289	-	4	159	ATG	TAG	0	0	
mORF_-_1771139	1771139	1771147	-	6	9	TTG	TAA	0	0	
mORF_-_1771222	1771222	1771299	-	5	78	ATG	TAA	0	0	
mORF_-_1771306	1771306	1771422	-	5	117	ATG	TAA	0	0	
mORF_-_1771335	1771335	1771349	-	4	15	GTG	TAA	0	0	
mORF_-_1771389	1771389	1771409	-	4	21	TTG	TAA	0	0	
mORF_-_1771422	1771422	1771445	-	4	24	GTG	TAA	0	0	
mORF_-_1771426	1771426	1771557	-	5	132	GTG	TAG	0	0	
mORF_-_1771523	1771523	1771639	-	6	117	TTG	TGA	0	0	
mORF_-_1771596	1771596	1771604	-	4	9	GTG	TAA	0	0	
mORF_-_1771615	1771615	1771647	-	5	33	ATG	TAA	0	0	
mORF_-_1771683	1771683	1771691	-	4	9	TTG	TAA	0	0	
mORF_-_1771711	1771711	1771782	-	5	72	GTG	TAA	0	0	
mORF_-_1771725	1771725	1771784	-	4	60	TTG	TAA	0	0	
mORF_-_1771775	1771775	1771792	-	6	18	ATG	TAA	0	0	
mORF_-_1771807	1771807	1771869	-	5	63	GTG	TAA	0	0	
mORF_-_1771820	1771820	1771828	-	6	9	TTG	TAA	0	0	
mORF_-_1771859	1771859	1771921	-	6	63	ATG	TAG	0	0	
mORF_-_1771922	1771922	1771969	-	6	48	TTG	TAA	0	0	
mORF_-_1771926	1771926	1772093	-	4	168	ATG	TAG	0	0	
mORF_-_1771978	1771978	1772028	-	5	51	TTG	TAA	0	0	
mORF_-_1771988	1771988	1772059	-	6	72	GTG	TGA	0	0	
mORF_-_1772053	1772053	1772145	-	5	93	ATG	TAA	0	0	
mORF_-_1772121	1772121	1772357	-	4	237	GTG	TAG	1	8	pORF_-_1772121
mORF_-_1772177	1772177	1772245	-	6	69	TTG	TGA	0	0	
mORF_-_1772254	1772254	1772376	-	5	123	TTG	TAA	0	0	
mORF_-_1772354	1772354	1772458	-	6	105	ATG	TGA	0	0	
mORF_-_1772370	1772370	1772765	-	4	396	ATG	TGA	0	0	
mORF_-_1772479	1772479	1772523	-	5	45	ATG	TAA	0	0	
mORF_-_1772533	1772533	1772598	-	5	66	TTG	TAA	0	0	
mORF_-_1772612	1772612	1772617	-	6	6	ATG	TGA	0	0	
mORF_-_1772617	1772617	1772862	-	5	246	GTG	TAA	0	0	
mORF_-_1772738	1772738	1772755	-	6	18	GTG	TGA	0	0	
mORF_-_1772862	1772862	1772990	-	4	129	GTG	TAG	0	0	
mORF_-_1772891	1772891	1772905	-	6	15	TTG	TGA	0	0	

mORF_-_1772945	1772945	1773007	-	6	63	GTG	TAA	0	0	
mORF_-_1772997	1772997	1773023	-	4	27	ATG	TAA	0	0	
mORF_-_1773058	1773058	1773417	-	5	360	TTG	TAA	0	0	
mORF_-_1773096	1773096	1773440	-	4	345	GTG	TAG	0	0	
mORF_-_1773215	1773215	1773307	-	6	93	TTG	TAG	0	0	
mORF_-_1773311	1773311	1773379	-	6	69	TTG	TGA	0	0	
mORF_-_1773449	1773449	1773472	-	6	24	TTG	TAG	0	0	
mORF_-_1773454	1773454	1773522	-	5	69	TTG	TAA	0	0	
mORF_-_1773519	1773519	1773629	-	4	111	GTG	TGA	0	0	
mORF_-_1773560	1773560	1773571	-	6	12	ATG	TAG	0	0	
mORF_-_1773587	1773587	1773592	-	6	6	ATG	TGA	0	0	
mORF_-_1773636	1773636	1773701	-	4	66	GTG	TAA	0	0	
mORF_-_1773679	1773679	1773744	-	5	66	GTG	TAA	0	0	
mORF_-_1773746	1773746	1773784	-	6	39	TTG	TAA	0	0	
mORF_-_1773750	1773750	1773791	-	4	42	GTG	TAA	0	0	
mORF_-_1773797	1773797	1773862	-	6	66	TTG	TAA	0	0	
mORF_-_1773807	1773807	1773815	-	4	9	TTG	TAA	0	0	
mORF_-_1773846	1773846	1773884	-	4	39	ATG	TAA	0	0	
mORF_-_1773884	1773884	1773979	-	6	96	TTG	TAA	0	0	
mORF_-_1773942	1773942	1773962	-	4	21	GTG	TAA	0	0	
mORF_-_1773955	1773955	1774122	-	5	168	TTG	TAG	1	2	pORF_-_1773955
mORF_-_1773972	1773972	1773977	-	4	6	GTG	TAA	0	0	
mORF_-_1773983	1773983	1774384	-	6	402	TTG	TAA	0	0	
mORF_-_1774017	1774017	1774052	-	4	36	GTG	TAA	0	0	
mORF_-_1774135	1774135	1774179	-	5	45	GTG	TAA	0	0	
mORF_-_1774173	1774173	1774235	-	4	63	ATG	TAG	0	0	
mORF_-_1774195	1774195	1774311	-	5	117	GTG	TAG	0	0	
mORF_-_1774320	1774320	1774400	-	4	81	GTG	TAG	0	0	
mORF_-_1774375	1774375	1774677	-	5	303	ATG	TGA	0	0	
mORF_-_1774452	1774452	1774496	-	4	45	ATG	TAA	0	0	
mORF_-_1774463	1774463	1774471	-	6	9	TTG	TAG	0	0	
mORF_-_1774629	1774629	1774637	-	4	9	GTG	TAA	0	0	
mORF_-_1774634	1774634	1774780	-	6	147	ATG	TGA	0	0	
mORF_-_1774732	1774732	1774902	-	5	171	TTG	TAA	0	0	
mORF_-_1774845	1774845	1774862	-	4	18	ATG	TGA	0	0	
mORF_-_1774949	1774949	1775053	-	6	105	ATG	TAG	0	0	
mORF_-_1775005	1775005	1775139	-	5	135	TTG	TAA	0	0	
mORF_-_1775081	1775081	1775086	-	6	6	TTG	TAA	0	0	
mORF_-_1775156	1775156	1775311	-	6	156	GTG	TAA	0	0	
mORF_-_1775232	1775232	1775429	-	4	198	TTG	TAA	0	0	
mORF_-_1775284	1775284	1775331	-	5	48	ATG	TAG	0	0	
mORF_-_1775318	1775318	1775377	-	6	60	ATG	TGA	0	0	
mORF_-_1775417	1775417	1775485	-	6	69	TTG	TAA	0	0	
mORF_-_1775422	1775422	1775472	-	5	51	ATG	TGA	0	0	
mORF_-_1775475	1775475	1775501	-	4	27	GTG	TAA	0	0	
mORF_-_1775498	1775498	1775554	-	6	57	GTG	TGA	0	0	
mORF_-_1775576	1775576	1775635	-	6	60	GTG	TAG	0	0	
mORF_-_1775610	1775610	1776143	-	4	534	ATG	TGA	0	0	
mORF_-_1775636	1775636	1775656	-	6	21	TTG	TAA	0	0	
mORF_-_1775660	1775660	1775842	-	6	183	GTG	TAG	0	0	
mORF_-_1775852	1775852	1775968	-	6	117	GTG	TAG	0	0	
mORF_-_1776005	1776005	1776040	-	6	36	ATG	TAG	0	0	
mORF_-_1776044	1776044	1776109	-	6	66	ATG	TGA	0	0	
mORF_-_1776085	1776085	1776198	-	5	114	TTG	TAA	0	0	
mORF_-_1776143	1776143	1776208	-	6	66	ATG	TGA	0	0	
mORF_-_1776147	1776147	1776398	-	4	252	TTG	TGA	0	0	
mORF_-_1776221	1776221	1776229	-	6	9	ATG	TGA	0	0	
mORF_-_1776359	1776359	1776367	-	6	9	TTG	TGA	0	0	
mORF_-_1776392	1776392	1776424	-	6	33	TTG	TAA	0	0	
mORF_-_1776414	1776414	1777325	-	4	912	ATG	TAA	0	0	
mORF_-_1776428	1776428	1776565	-	6	138	GTG	TAA	0	0	
mORF_-_1776487	1776487	1776510	-	5	24	TTG	TAG	0	0	
mORF_-_1776598	1776598	1776612	-	5	15	ATG	TAA	0	0	

mORF_-_1776623	1776623	1776706	-	6	84	GTG	TGA	0	0	
mORF_-_1776679	1776679	1776687	-	5	9	TTG	TGA	0	0	
mORF_-_1776782	1776782	1776826	-	6	45	ATG	TGA	0	0	
mORF_-_1776829	1776829	1776879	-	5	51	ATG	TAA	0	0	
mORF_-_1776854	1776854	1776874	-	6	21	ATG	TAG	0	0	
mORF_-_1776917	1776917	1776922	-	6	6	GTG	TGA	0	0	
mORF_-_1776923	1776923	1776931	-	6	9	ATG	TAA	0	0	
mORF_-_1776931	1776931	1776984	-	5	54	TTG	TAA	0	0	
mORF_-_1776944	1776944	1776973	-	6	30	TTG	TAA	0	0	
mORF_-_1776974	1776974	1777090	-	6	117	ATG	TAA	0	0	
mORF_-_1777012	1777012	1777053	-	5	42	GTG	TGA	0	0	
mORF_-_1777109	1777109	1777168	-	6	60	TTG	TGA	0	0	
mORF_-_1777187	1777187	1777360	-	6	174	TTG	TGA	0	0	
mORF_-_1777204	1777204	1777230	-	5	27	ATG	TGA	0	0	
mORF_-_1777336	1777336	1777401	-	5	66	TTG	TAG	0	0	
mORF_-_1777408	1777408	1777425	-	5	18	TTG	TAA	0	0	
mORF_-_1777428	1777428	1777604	-	4	177	ATG	TAA	0	0	
mORF_-_1777432	1777432	1777446	-	5	15	TTG	TAA	0	0	
mORF_-_1777468	1777468	1777488	-	5	21	GTG	TAG	0	0	
mORF_-_1777496	1777496	1777564	-	6	69	GTG	TAA	0	0	
mORF_-_1777567	1777567	1777575	-	5	9	GTG	TAG	0	0	
mORF_-_1777583	1777583	1777852	-	6	270	TTG	TGA	0	0	
mORF_-_1777753	1777753	1777953	-	5	201	TTG	TGA	0	0	
mORF_-_1777860	1777860	1777913	-	4	54	ATG	TAG	0	0	
mORF_-_1777974	1777974	1778384	-	4	411	ATG	TAA	0	0	
mORF_-_1778074	1778074	1778097	-	5	24	GTG	TAG	0	0	
mORF_-_1778084	1778084	1778212	-	6	129	ATG	TGA	0	0	
mORF_-_1778179	1778179	1778283	-	5	105	GTG	TAA	0	0	
mORF_-_1778240	1778240	1778365	-	6	126	ATG	TGA	0	0	
mORF_-_1778338	1778338	1778433	-	5	96	TTG	TAA	0	0	
mORF_-_1778434	1778434	1778661	-	5	228	GTG	TAA	0	0	
mORF_-_1778496	1778496	1778525	-	4	30	ATG	TGA	0	0	
mORF_-_1778555	1778555	1778572	-	6	18	TTG	TAA	0	0	
mORF_-_1778580	1778580	1778615	-	4	36	GTG	TAA	0	0	
mORF_-_1778622	1778622	1778756	-	4	135	GTG	TAA	0	0	
mORF_-_1778666	1778666	1778713	-	6	48	GTG	TAG	0	0	
mORF_-_1778716	1778716	1778796	-	5	81	GTG	TAA	0	0	
mORF_-_1778778	1778778	1778783	-	4	6	ATG	TGA	0	0	
mORF_-_1778812	1778812	1778946	-	5	135	ATG	TAA	1	3	pORF_-_1778812
mORF_-_1778823	1778823	1778855	-	4	33	ATG	TGA	0	0	
mORF_-_1778855	1778855	1779244	-	6	390	TTG	TAA	0	0	
mORF_-_1778874	1778874	1778888	-	4	15	GTG	TGA	0	0	
mORF_-_1778943	1778943	1779002	-	4	60	TTG	TGA	0	0	
mORF_-_1779052	1779052	1779066	-	5	15	GTG	TAG	0	0	
mORF_-_1779103	1779103	1779552	-	5	450	ATG	TGA	0	0	
mORF_-_1779186	1779186	1779290	-	4	105	TTG	TAG	0	0	
mORF_-_1779260	1779260	1779283	-	6	24	TTG	TGA	0	0	
mORF_-_1779321	1779321	1779326	-	4	6	TTG	TAG	0	0	
mORF_-_1779344	1779344	1779577	-	6	234	GTG	TAA	0	0	
mORF_-_1779372	1779372	1779482	-	4	111	GTG	TGA	0	0	
mORF_-_1779486	1779486	1779590	-	4	105	TTG	TGA	0	0	
mORF_-_1779568	1779568	1779636	-	5	69	GTG	TAA	0	0	
mORF_-_1779633	1779633	1779638	-	4	6	GTG	TGA	0	0	
mORF_-_1779656	1779656	1780291	-	6	636	TTG	TAA	0	0	
mORF_-_1779675	1779675	1779722	-	4	48	ATG	TAA	0	0	
mORF_-_1779724	1779724	1779843	-	5	120	GTG	TAA	0	0	
mORF_-_1779958	1779958	1780008	-	5	51	TTG	TAA	0	0	
mORF_-_1779990	1779990	1779995	-	4	6	GTG	TGA	0	0	
mORF_-_1780096	1780096	1780380	-	5	285	ATG	TAG	0	0	
mORF_-_1780221	1780221	1780280	-	4	60	TTG	TAA	0	0	
mORF_-_1780353	1780353	1780406	-	4	54	TTG	TAA	0	0	
mORF_-_1780373	1780373	1780645	-	6	273	ATG	TAA	0	0	
mORF_-_1780390	1780390	1780686	-	5	297	ATG	TGA	0	0	

mORF_-_1780548	1780548	1780562	-	4	15	GTG	TAA	0	0	
mORF_-_1780593	1780593	1780613	-	4	21	TTG	TGA	0	0	
mORF_-_1780686	1780686	1780811	-	4	126	TTG	TAA	0	0	
mORF_-_1780741	1780741	1780821	-	5	81	ATG	TAA	0	0	
mORF_-_1780825	1780825	1780956	-	5	132	TTG	TAA	0	0	
mORF_-_1780851	1780851	1780877	-	4	27	ATG	TAA	0	0	
mORF_-_1780878	1780878	1780970	-	4	93	GTG	TGA	0	0	
mORF_-_1780937	1780937	1781056	-	6	120	ATG	TAG	0	0	
mORF_-_1780995	1780995	1781021	-	4	27	ATG	TAG	0	0	
mORF_-_1780999	1780999	1781067	-	5	69	ATG	TGA	0	0	
mORF_-_1781067	1781067	1781108	-	4	42	TTG	TAA	0	0	
mORF_-_1781074	1781074	1781292	-	5	219	ATG	TAA	0	0	
mORF_-_1781112	1781112	1781228	-	4	117	GTG	TAA	0	0	
mORF_-_1781138	1781138	1781173	-	6	36	TTG	TAA	0	0	
mORF_-_1781192	1781192	1781209	-	6	18	GTG	TGA	0	0	
mORF_-_1781225	1781225	1781287	-	6	63	ATG	TGA	0	0	
mORF_-_1781274	1781274	1781456	-	4	183	TTG	TGA	0	0	
mORF_-_1781327	1781327	1781410	-	6	84	TTG	TAG	0	0	
mORF_-_1781407	1781407	1781439	-	5	33	GTG	TGA	0	0	
mORF_-_1781449	1781449	1781559	-	5	111	ATG	TAA	0	0	
mORF_-_1781472	1781472	1781504	-	4	33	TTG	TAA	0	0	
mORF_-_1781492	1781492	1781545	-	6	54	GTG	TGA	0	0	
mORF_-_1781505	1781505	1781513	-	4	9	TTG	TAG	0	0	
mORF_-_1781564	1781564	1781689	-	6	126	TTG	TGA	0	0	
mORF_-_1781569	1781569	1781589	-	5	21	GTG	TAA	0	0	
mORF_-_1781586	1781586	1781612	-	4	27	GTG	TGA	0	0	
mORF_-_1781638	1781638	1781664	-	5	27	TTG	TAA	0	0	
mORF_-_1781676	1781676	1781792	-	4	117	ATG	TAG	0	0	
mORF_-_1781749	1781749	1781808	-	5	60	ATG	TAA	0	0	
mORF_-_1781771	1781771	1781890	-	6	120	GTG	TGA	0	0	
mORF_-_1781845	1781845	1781997	-	5	153	TTG	TGA	0	0	
mORF_-_1781918	1781918	1782037	-	6	120	ATG	TAG	0	0	
mORF_-_1781937	1781937	1781948	-	4	12	TTG	TAG	0	0	
mORF_-_1782045	1782045	1782122	-	4	78	GTG	TAA	0	0	
mORF_-_1782053	1782053	1782124	-	6	72	GTG	TAA	0	0	
mORF_-_1782131	1782131	1782226	-	6	96	TTG	TAA	0	0	
mORF_-_1782154	1782154	1782174	-	5	21	GTG	TAA	0	0	
mORF_-_1782329	1782329	1782352	-	6	24	TTG	TAG	0	0	
mORF_-_1782411	1782411	1782434	-	4	24	GTG	TAA	0	0	
mORF_-_1782424	1782424	1782519	-	5	96	ATG	TAG	0	0	
mORF_-_1782480	1782480	1782515	-	4	36	ATG	TGA	0	0	
mORF_-_1782512	1782512	1782721	-	6	210	GTG	TGA	0	0	
mORF_-_1782519	1782519	1782587	-	4	69	ATG	TAA	0	0	
mORF_-_1782547	1782547	1782567	-	5	21	TTG	TAA	0	0	
mORF_-_1782621	1782621	1782635	-	4	15	TTG	TGA	0	0	
mORF_-_1782658	1782658	1782708	-	5	51	ATG	TAA	0	0	
mORF_-_1782718	1782718	1782723	-	5	6	ATG	TGA	0	0	
mORF_-_1782758	1782758	1785136	-	6	2379	ATG	TAA	131	2719	pORF_-_1782758
mORF_-_1782822	1782822	1782887	-	4	66	TTG	TAG	0	0	
mORF_-_1782841	1782841	1782921	-	5	81	GTG	TGA	0	0	
mORF_-_1782946	1782946	1782996	-	5	51	GTG	TGA	0	0	
mORF_-_1783021	1783021	1783101	-	5	81	GTG	TGA	0	0	
mORF_-_1783098	1783098	1783103	-	4	6	GTG	TGA	0	0	
mORF_-_1783117	1783117	1783134	-	5	18	GTG	TGA	0	0	
mORF_-_1783138	1783138	1783164	-	5	27	TTG	TGA	0	0	
mORF_-_1783204	1783204	1783215	-	5	12	TTG	TGA	0	0	
mORF_-_1783222	1783222	1783245	-	5	24	GTG	TGA	0	0	
mORF_-_1783249	1783249	1783437	-	5	189	GTG	TGA	0	0	
mORF_-_1783257	1783257	1783262	-	4	6	GTG	TGA	0	0	
mORF_-_1783459	1783459	1783494	-	5	36	TTG	TGA	0	0	
mORF_-_1783504	1783504	1783578	-	5	75	TTG	TGA	0	0	
mORF_-_1783579	1783579	1783653	-	5	75	GTG	TGA	0	0	
mORF_-_1783723	1783723	1783797	-	5	75	GTG	TGA	0	0	

mORF_-_1783764	1783764	1783778	-	4	15	TTG	TGA	0	0
mORF_-_1783804	1783804	1783827	-	5	24	GTG	TGA	0	0
mORF_-_1783834	1783834	1783893	-	5	60	GTG	TAG	0	0
mORF_-_1783987	1783987	1784004	-	5	18	ATG	TGA	0	0
mORF_-_1784014	1784014	1784211	-	5	198	TTG	TGA	0	0
mORF_-_1784151	1784151	1784177	-	4	27	GTG	TAA	0	0
mORF_-_1784254	1784254	1784511	-	5	258	TTG	TGA	0	0
mORF_-_1784451	1784451	1784465	-	4	15	ATG	TGA	0	0
mORF_-_1784521	1784521	1784652	-	5	132	ATG	TGA	0	0
mORF_-_1784656	1784656	1784928	-	5	273	ATG	TGA	0	0
mORF_-_1784829	1784829	1784858	-	4	30	GTG	TGA	0	0
mORF_-_1784941	1784941	1785012	-	5	72	GTG	TAA	0	0
mORF_-_1785034	1785034	1785066	-	5	33	TTG	TGA	0	0
mORF_-_1785073	1785073	1785081	-	5	9	ATG	TAG	0	0
mORF_-_1785082	1785082	1785189	-	5	108	ATG	TGA	0	0
mORF_-_1785096	1785096	1785179	-	4	84	ATG	TAA	0	0
mORF_-_1785190	1785190	1785357	-	5	168	ATG	TAA	0	0
mORF_-_1785204	1785204	1785236	-	4	33	TTG	TAA	0	0
mORF_-_1785251	1785251	1785310	-	6	60	ATG	TAA	0	0
mORF_-_1785258	1785258	1785335	-	4	78	ATG	TAA	0	0
mORF_-_1785354	1785354	1785380	-	4	27	ATG	TGA	0	0
mORF_-_1785382	1785382	1785396	-	5	15	ATG	TAA	0	0
mORF_-_1785426	1785426	1785437	-	4	12	ATG	TAA	0	0
mORF_-_1785434	1785434	1785556	-	6	123	GTG	TGA	0	0
mORF_-_1785442	1785442	1785492	-	5	51	GTG	TAA	0	0
mORF_-_1785453	1785453	1785467	-	4	15	TTG	TGA	0	0
mORF_-_1785498	1785498	1785584	-	4	87	GTG	TAA	0	0
mORF_-_1785535	1785535	1785543	-	5	9	GTG	TAA	0	0
mORF_-_1785553	1785553	1785720	-	5	168	TTG	TGA	0	0
mORF_-_1785581	1785581	1785643	-	6	63	TTG	TGA	0	0
mORF_-_1785678	1785678	1785713	-	4	36	ATG	TAG	0	0
mORF_-_1785710	1785710	1785793	-	6	84	TTG	TGA	0	0
mORF_-_1785766	1785766	1785885	-	5	120	GTG	TAG	0	0
mORF_-_1785804	1785804	1785857	-	4	54	ATG	TGA	0	0
mORF_-_1785836	1785836	1786006	-	6	171	TTG	TGA	0	0
mORF_-_1785870	1785870	1785908	-	4	39	TTG	TAA	0	0
mORF_-_1785921	1785921	1785965	-	4	45	GTG	TGA	0	0
mORF_-_1786008	1786008	1786061	-	4	54	TTG	TAG	0	0
mORF_-_1786045	1786045	1786074	-	5	30	ATG	TAG	0	0
mORF_-_1786209	1786209	1786235	-	4	27	TTG	TGA	0	0
mORF_-_1786236	1786236	1786277	-	4	42	ATG	TAA	0	0
mORF_-_1786307	1786307	1786315	-	6	9	ATG	TAG	0	0
mORF_-_1786320	1786320	1786733	-	4	414	GTG	TAA	0	0
mORF_-_1786334	1786334	1786372	-	6	39	GTG	TGA	0	0
mORF_-_1786339	1786339	1786365	-	5	27	GTG	TAG	0	0
mORF_-_1786525	1786525	1786647	-	5	123	GTG	TAG	0	0
mORF_-_1786652	1786652	1786873	-	6	222	TTG	TGA	0	0
mORF_-_1786792	1786792	1786818	-	5	27	GTG	TAA	0	0
mORF_-_1786815	1786815	1786838	-	4	24	TTG	TGA	0	0
mORF_-_1786921	1786921	1787217	-	5	297	GTG	TAA	0	0
mORF_-_1786925	1786925	1786948	-	6	24	GTG	TGA	0	0
mORF_-_1786952	1786952	1786990	-	6	39	GTG	TAG	0	0
mORF_-_1786962	1786962	1787096	-	4	135	TTG	TGA	0	0
mORF_-_1787103	1787103	1787114	-	4	12	ATG	TGA	0	0
mORF_-_1787118	1787118	1787165	-	4	48	TTG	TGA	0	0
mORF_-_1787227	1787227	1787280	-	5	54	GTG	TAA	0	0
mORF_-_1787290	1787290	1787535	-	5	246	ATG	TAA	0	0
mORF_-_1787313	1787313	1787327	-	4	15	TTG	TGA	0	0
mORF_-_1787400	1787400	1787411	-	4	12	GTG	TGA	0	0
mORF_-_1787418	1787418	1787564	-	4	147	TTG	TGA	0	0
mORF_-_1787426	1787426	1787545	-	6	120	TTG	TAA	0	0
mORF_-_1787566	1787566	1787610	-	5	45	ATG	TAA	0	0
mORF_-_1787613	1787613	1787621	-	4	9	TTG	TAA	0	0

mORF_-_1787628	1787628	1787687	-	4	60	GTG	TAA	0	0	
mORF_-_1787642	1787642	1787683	-	6	42	TTG	TAA	0	0	
mORF_-_1787684	1787684	1787752	-	6	69	TTG	TGA	0	0	
mORF_-_1787707	1787707	1787733	-	5	27	GTG	TAG	0	0	
mORF_-_1787736	1787736	1787777	-	4	42	TTG	TAA	0	0	
mORF_-_1787798	1787798	1787929	-	6	132	ATG	TGA	0	0	
mORF_-_1787832	1787832	1789268	-	4	1437	ATG	TAA	4	12	pORF_-_1787832
mORF_-_1787948	1787948	1787974	-	6	27	TTG	TGA	0	0	
mORF_-_1788029	1788029	1788130	-	6	102	GTG	TGA	0	0	
mORF_-_1788212	1788212	1788229	-	6	18	ATG	TGA	0	0	
mORF_-_1788260	1788260	1788295	-	6	36	ATG	TGA	0	0	
mORF_-_1788302	1788302	1788337	-	6	36	ATG	TGA	0	0	
mORF_-_1788334	1788334	1788396	-	5	63	GTG	TGA	0	0	
mORF_-_1788338	1788338	1788346	-	6	9	ATG	TGA	0	0	
mORF_-_1788347	1788347	1788505	-	6	159	TTG	TAG	0	0	
mORF_-_1788451	1788451	1788456	-	5	6	TTG	TAA	0	0	
mORF_-_1788502	1788502	1788573	-	5	72	ATG	TGA	0	0	
mORF_-_1788542	1788542	1788580	-	6	39	TTG	TGA	0	0	
mORF_-_1788581	1788581	1788673	-	6	93	TTG	TAA	0	0	
mORF_-_1788680	1788680	1788760	-	6	81	GTG	TAG	0	0	
mORF_-_1788824	1788824	1788916	-	6	93	GTG	TAA	0	0	
mORF_-_1788935	1788935	1788946	-	6	12	GTG	TGA	0	0	
mORF_-_1788950	1788950	1789120	-	6	171	ATG	TGA	0	0	
mORF_-_1789168	1789168	1789176	-	5	9	TTG	TAA	0	0	
mORF_-_1789178	1789178	1789189	-	6	12	ATG	TGA	0	0	
mORF_-_1789193	1789193	1789255	-	6	63	TTG	TAA	0	0	
mORF_-_1789265	1789265	1789321	-	6	57	TTG	TGA	0	0	
mORF_-_1789308	1789308	1789385	-	4	78	ATG	TAA	0	0	
mORF_-_1789331	1789331	1790044	-	6	714	ATG	TAA	0	0	
mORF_-_1789360	1789360	1789581	-	5	222	TTG	TAA	1	4	pORF_-_1789360
mORF_-_1789440	1789440	1789472	-	4	33	TTG	TGA	0	0	
mORF_-_1789621	1789621	1789701	-	5	81	ATG	TAG	0	0	
mORF_-_1789705	1789705	1789716	-	5	12	TTG	TGA	0	0	
mORF_-_1789786	1789786	1789803	-	5	18	TTG	TAA	0	0	
mORF_-_1789809	1789809	1789874	-	4	66	TTG	TAA	0	0	
mORF_-_1789897	1789897	1789938	-	5	42	GTG	TAG	0	0	
mORF_-_1789954	1789954	1789971	-	5	18	TTG	TAA	0	0	
mORF_-_1789959	1789959	1790009	-	4	51	TTG	TGA	0	0	
mORF_-_1790041	1790041	1790154	-	5	114	GTG	TGA	0	0	
mORF_-_1790073	1790073	1790114	-	4	42	TTG	TGA	0	0	
mORF_-_1790174	1790174	1790206	-	6	33	ATG	TAA	0	0	
mORF_-_1790207	1790207	1790269	-	6	63	ATG	TAA	0	0	
mORF_-_1790241	1790241	1790327	-	4	87	TTG	TGA	0	0	
mORF_-_1790266	1790266	1790340	-	5	75	TTG	TGA	0	0	
mORF_-_1790291	1790291	1790755	-	6	465	ATG	TAG	0	0	
mORF_-_1790407	1790407	1790517	-	5	111	GTG	TAG	0	0	
mORF_-_1790551	1790551	1790580	-	5	30	GTG	TGA	0	0	
mORF_-_1790590	1790590	1790619	-	5	30	ATG	TGA	0	0	
mORF_-_1790641	1790641	1790682	-	5	42	ATG	TGA	0	0	
mORF_-_1790706	1790706	1790711	-	4	6	GTG	TAG	0	0	
mORF_-_1790777	1790777	1790788	-	6	12	ATG	TAA	0	0	
mORF_-_1790805	1790805	1790819	-	4	15	TTG	TAA	0	0	
mORF_-_1790816	1790816	1791046	-	6	231	GTG	TGA	0	0	
mORF_-_1790833	1790833	1791582	-	5	750	ATG	TGA	1	0	pORF_-_1790833
mORF_-_1790886	1790886	1790960	-	4	75	GTG	TGA	0	0	
mORF_-_1790964	1790964	1790987	-	4	24	ATG	TAA	0	0	
mORF_-_1791021	1791021	1791026	-	4	6	TTG	TGA	0	0	
mORF_-_1791066	1791066	1791092	-	4	27	TTG	TAG	0	0	
mORF_-_1791099	1791099	1791260	-	4	162	ATG	TGA	0	0	
mORF_-_1791110	1791110	1791190	-	6	81	ATG	TGA	0	0	
mORF_-_1791281	1791281	1791388	-	6	108	ATG	TAA	0	0	
mORF_-_1791300	1791300	1791326	-	4	27	TTG	TGA	0	0	
mORF_-_1791435	1791435	1791557	-	4	123	ATG	TGA	0	0	

mORF_-_1791570	1791570	1791575	-	4	6	TTG	TGA	0	0	
mORF_-_1791582	1791582	1792133	-	4	552	ATG	TAA	27	317	pORF_-_1791582
mORF_-_1791614	1791614	1791619	-	6	6	TTG	TGA	0	0	
mORF_-_1791635	1791635	1791799	-	6	165	TTG	TGA	0	0	
mORF_-_1791691	1791691	1791702	-	5	12	ATG	TGA	0	0	
mORF_-_1791800	1791800	1791844	-	6	45	TTG	TGA	0	0	
mORF_-_1791847	1791847	1791876	-	5	30	ATG	TAA	0	0	
mORF_-_1791866	1791866	1792006	-	6	141	ATG	TGA	0	0	
mORF_-_1791904	1791904	1791942	-	5	39	GTG	TGA	0	0	
mORF_-_1792003	1792003	1792026	-	5	24	GTG	TGA	0	0	
mORF_-_1792016	1792016	1792045	-	6	30	TTG	TAA	0	0	
mORF_-_1792046	1792046	1792057	-	6	12	ATG	TGA	0	0	
mORF_-_1792082	1792082	1792090	-	6	9	GTG	TGA	0	0	
mORF_-_1792164	1792164	1792571	-	4	408	GTG	TAA	1	4	pORF_-_1792164
mORF_-_1792196	1792196	1793176	-	6	981	ATG	TAG	0	0	
mORF_-_1792210	1792210	1792239	-	5	30	GTG	TAA	0	0	
mORF_-_1792240	1792240	1792263	-	5	24	TTG	TAG	0	0	
mORF_-_1792297	1792297	1792302	-	5	6	TTG	TAG	0	0	
mORF_-_1792369	1792369	1792377	-	5	9	GTG	TAA	0	0	
mORF_-_1792399	1792399	1792530	-	5	132	TTG	TGA	0	0	
mORF_-_1792618	1792618	1792629	-	5	12	TTG	TAG	0	0	
mORF_-_1792651	1792651	1792668	-	5	18	TTG	TGA	0	0	
mORF_-_1792665	1792665	1792694	-	4	30	GTG	TGA	0	0	
mORF_-_1792707	1792707	1792820	-	4	114	GTG	TAG	0	0	
mORF_-_1792720	1792720	1792728	-	5	9	TTG	TAG	0	0	
mORF_-_1792786	1792786	1792818	-	5	33	GTG	TAA	0	0	
mORF_-_1792825	1792825	1792935	-	5	111	TTG	TAG	0	0	
mORF_-_1792948	1792948	1793076	-	5	129	GTG	TAA	0	0	
mORF_-_1793052	1793052	1793069	-	4	18	ATG	TGA	0	0	
mORF_-_1793073	1793073	1793201	-	4	129	ATG	TGA	0	0	
mORF_-_1793110	1793110	1793166	-	5	57	TTG	TGA	0	0	
mORF_-_1793277	1793277	1793576	-	4	300	ATG	TAA	40	447	pORF_-_1793277
mORF_-_1793339	1793339	1793431	-	6	93	TTG	TGA	0	0	
mORF_-_1793444	1793444	1793629	-	6	186	ATG	TGA	2	10	pORF_-_1793444
mORF_-_1793581	1793581	1795968	-	5	2388	ATG	TGA	145	2363	pORF_-_1793581
mORF_-_1793622	1793622	1793648	-	4	27	TTG	TAG	0	0	
mORF_-_1793694	1793694	1793747	-	4	54	TTG	TAA	0	0	
mORF_-_1793754	1793754	1793762	-	4	9	TTG	TAA	0	0	
mORF_-_1793772	1793772	1794002	-	4	231	GTG	TAA	0	0	
mORF_-_1793786	1793786	1793791	-	6	6	ATG	TAA	0	0	
mORF_-_1793843	1793843	1793914	-	6	72	GTG	TGA	0	0	
mORF_-_1794006	1794006	1794074	-	4	69	ATG	TGA	0	0	
mORF_-_1794087	1794087	1794107	-	4	21	TTG	TGA	0	0	
mORF_-_1794117	1794117	1794134	-	4	18	TTG	TGA	0	0	
mORF_-_1794173	1794173	1794325	-	6	153	GTG	TAA	0	0	
mORF_-_1794183	1794183	1794188	-	4	6	GTG	TGA	0	0	
mORF_-_1794198	1794198	1794386	-	4	189	TTG	TGA	0	0	
mORF_-_1794399	1794399	1794422	-	4	24	TTG	TGA	0	0	
mORF_-_1794474	1794474	1794503	-	4	30	GTG	TGA	0	0	
mORF_-_1794519	1794519	1794629	-	4	111	TTG	TGA	0	0	
mORF_-_1794596	1794596	1794640	-	6	45	ATG	TGA	0	0	
mORF_-_1794690	1794690	1794707	-	4	18	TTG	TAA	0	0	
mORF_-_1794720	1794720	1794794	-	4	75	TTG	TGA	0	0	
mORF_-_1794795	1794795	1794815	-	4	21	GTG	TAA	0	0	
mORF_-_1794828	1794828	1794995	-	4	168	ATG	TGA	1	17	pORF_-_1794828
mORF_-_1794953	1794953	1794967	-	6	15	ATG	TAG	0	0	
mORF_-_1794996	1794996	1795076	-	4	81	ATG	TGA	0	0	
mORF_-_1795077	1795077	1795229	-	4	153	ATG	TGA	0	0	
mORF_-_1795217	1795217	1795273	-	6	57	GTG	TGA	0	0	
mORF_-_1795305	1795305	1795385	-	4	81	TTG	TAA	0	0	
mORF_-_1795422	1795422	1795451	-	4	30	TTG	TGA	0	0	
mORF_-_1795458	1795458	1795472	-	4	15	GTG	TAG	0	0	
mORF_-_1795482	1795482	1795511	-	4	30	TTG	TGA	0	0	

mORF_-_1795515	1795515	1795685	-	4	171	TTG	TGA	0	0	
mORF_-_1795598	1795598	1795612	-	6	15	GTG	TGA	0	0	
mORF_-_1795698	1795698	1795766	-	4	69	ATG	TAG	0	0	
mORF_-_1795776	1795776	1795856	-	4	81	TTG	TGA	0	0	
mORF_-_1795790	1795790	1795813	-	6	24	GTG	TGA	0	0	
mORF_-_1795863	1795863	1795922	-	4	60	TTG	TAG	0	0	
mORF_-_1795919	1795919	1795951	-	6	33	GTG	TGA	0	0	
mORF_-_1795932	1795932	1795958	-	4	27	GTG	TGA	0	0	
mORF_-_1795983	1795983	1796978	-	4	996	ATG	TAA	65	719	pORF_-_1795983
mORF_-_1796060	1796060	1796263	-	6	204	TTG	TGA	0	0	
mORF_-_1796122	1796122	1796172	-	5	51	ATG	TAA	0	0	
mORF_-_1796297	1796297	1796329	-	6	33	TTG	TGA	0	0	
mORF_-_1796330	1796330	1796392	-	6	63	GTG	TGA	0	0	
mORF_-_1796432	1796432	1796488	-	6	57	TTG	TGA	0	0	
mORF_-_1796537	1796537	1796716	-	6	180	ATG	TGA	0	0	
mORF_-_1796717	1796717	1796752	-	6	36	ATG	TGA	0	0	
mORF_-_1796753	1796753	1796830	-	6	78	GTG	TGA	0	0	
mORF_-_1796852	1796852	1796890	-	6	39	ATG	TAA	0	0	
mORF_-_1796894	1796894	1796944	-	6	51	TTG	TAG	0	0	
mORF_-_1796975	1796975	1796995	-	6	21	GTG	TGA	0	0	
mORF_-_1797016	1797016	1797024	-	5	9	ATG	TAG	0	0	
mORF_-_1797024	1797024	1797044	-	4	21	ATG	TGA	0	0	
mORF_-_1797034	1797034	1797132	-	5	99	TTG	TAA	0	0	
mORF_-_1797080	1797080	1797175	-	6	96	ATG	TAA	0	0	
mORF_-_1797133	1797133	1797138	-	5	6	GTG	TAA	0	0	
mORF_-_1797156	1797156	1797290	-	4	135	ATG	TAA	0	0	
mORF_-_1797163	1797163	1797192	-	5	30	GTG	TGA	0	0	
mORF_-_1797203	1797203	1797232	-	6	30	GTG	TGA	0	0	
mORF_-_1797250	1797250	1797294	-	5	45	ATG	TGA	0	0	
mORF_-_1797303	1797303	1797323	-	4	21	TTG	TAA	0	0	
mORF_-_1797320	1797320	1797361	-	6	42	TTG	TGA	0	0	
mORF_-_1797358	1797358	1797411	-	5	54	TTG	TGA	0	0	
mORF_-_1797395	1797395	1797445	-	6	51	TTG	TAG	0	0	
mORF_-_1797417	1797417	1797773	-	4	357	ATG	TAA	66	5187	pORF_-_1797417
mORF_-_1797461	1797461	1797511	-	6	51	TTG	TAG	0	0	
mORF_-_1797508	1797508	1797594	-	5	87	GTG	TGA	0	0	
mORF_-_1797524	1797524	1797697	-	6	174	GTG	TGA	0	0	
mORF_-_1797719	1797719	1797757	-	6	39	GTG	TGA	0	0	
mORF_-_1797818	1797818	1797844	-	6	27	GTG	TAA	0	0	
mORF_-_1797826	1797826	1798038	-	5	213	GTG	TAA	15	206	pORF_-_1797826
mORF_-_1797924	1797924	1798073	-	4	150	TTG	TGA	0	0	
mORF_-_1798025	1798025	1798063	-	6	39	TTG	TAA	0	0	
mORF_-_1798048	1798048	1798098	-	5	51	GTG	TAA	0	0	
mORF_-_1798120	1798120	1798554	-	5	435	GTG	TAA	69	2042	pORF_-_1798120
mORF_-_1798218	1798218	1798301	-	4	84	GTG	TGA	0	0	
mORF_-_1798335	1798335	1798439	-	4	105	ATG	TAA	0	0	
mORF_-_1798436	1798436	1798471	-	6	36	TTG	TGA	0	0	
mORF_-_1798551	1798551	1798562	-	4	12	TTG	TGA	0	0	
mORF_-_1798584	1798584	1798616	-	4	33	ATG	TAA	0	0	
mORF_-_1798666	1798666	1800594	-	5	1929	ATG	TAA	118	944	pORF_-_1798666
mORF_-_1798722	1798722	1798730	-	4	9	ATG	TGA	0	0	
mORF_-_1798731	1798731	1798871	-	4	141	ATG	TAA	0	0	
mORF_-_1798875	1798875	1798904	-	4	30	ATG	TGA	0	0	
mORF_-_1798959	1798959	1798985	-	4	27	TTG	TGA	0	0	
mORF_-_1799070	1799070	1799090	-	4	21	ATG	TAA	0	0	
mORF_-_1799087	1799087	1799164	-	6	78	ATG	TGA	0	0	
mORF_-_1799100	1799100	1799105	-	4	6	ATG	TAG	0	0	
mORF_-_1799115	1799115	1799381	-	4	267	ATG	TGA	0	0	
mORF_-_1799282	1799282	1799296	-	6	15	GTG	TGA	0	0	
mORF_-_1799378	1799378	1799398	-	6	21	ATG	TGA	0	0	
mORF_-_1799385	1799385	1799465	-	4	81	GTG	TAG	0	0	
mORF_-_1799475	1799475	1799522	-	4	48	TTG	TGA	0	0	
mORF_-_1799598	1799598	1799693	-	4	96	GTG	TGA	0	0	

mORF_-_1799627	1799627	1799686	-	6	60	GTG	TGA	0	0
mORF_-_1799739	1799739	1799975	-	4	237	GTG	TGA	0	0
mORF_-_1799906	1799906	1800052	-	6	147	GTG	TAA	0	0
mORF_-_1800000	1800000	1800248	-	4	249	ATG	TAA	0	0
mORF_-_1800258	1800258	1800302	-	4	45	TTG	TAA	0	0
mORF_-_1800299	1800299	1800337	-	6	39	TTG	TGA	0	0
mORF_-_1800357	1800357	1800443	-	4	87	TTG	TAG	0	0
mORF_-_1800440	1800440	1800454	-	6	15	TTG	TGA	0	0
mORF_-_1800444	1800444	1800530	-	4	87	ATG	TGA	0	0
mORF_-_1800540	1800540	1800572	-	4	33	ATG	TAA	0	0
mORF_-_1800582	1800582	1800626	-	4	45	GTG	TAA	0	0
mORF_-_1800596	1800596	1800691	-	6	96	TTG	TAA	0	0
mORF_-_1800604	1800604	1800642	-	5	39	TTG	TAA	0	0
mORF_-_1800633	1800633	1800638	-	4	6	ATG	TGA	0	0
mORF_-_1800658	1800658	1800720	-	5	63	GTG	TAA	0	0
mORF_-_1800666	1800666	1800680	-	4	15	ATG	TGA	0	0
mORF_-_1800681	1800681	1800710	-	4	30	TTG	TAG	0	0
mORF_-_1800695	1800695	1800805	-	6	111	GTG	TAG	0	0
mORF_-_1800711	1800711	1800722	-	4	12	TTG	TGA	0	0
mORF_-_1800733	1800733	1800744	-	5	12	GTG	TAA	0	0
mORF_-_1800741	1800741	1800848	-	4	108	TTG	TGA	0	0
mORF_-_1800802	1800802	1800864	-	5	63	TTG	TGA	0	0
mORF_-_1800854	1800854	1800877	-	6	24	GTG	TAA	0	0
mORF_-_1800874	1800874	1800936	-	5	63	TTG	TGA	0	0
mORF_-_1800909	1800909	1800920	-	4	12	ATG	TAA	0	0
mORF_-_1800966	1800966	1800977	-	4	12	ATG	TAA	0	0
mORF_-_1800974	1800974	1801024	-	6	51	TTG	TGA	0	0
mORF_-_1800997	1800997	1801086	-	5	90	TTG	TGA	0	0
mORF_-_1801002	1801002	1801022	-	4	21	GTG	TGA	0	0
mORF_-_1801028	1801028	1801048	-	6	21	GTG	TAA	0	0
mORF_-_1801070	1801070	1801174	-	6	105	GTG	TAA	0	0
mORF_-_1801123	1801123	1801137	-	5	15	ATG	TGA	0	0
mORF_-_1801140	1801140	1801202	-	4	63	ATG	TGA	0	0
mORF_-_1801162	1801162	1801188	-	5	27	ATG	TGA	0	0
mORF_-_1801202	1801202	1801219	-	6	18	TTG	TGA	0	0
mORF_-_1801216	1801216	1801239	-	5	24	GTG	TGA	0	0
mORF_-_1801236	1801236	1801277	-	4	42	ATG	TGA	0	0
mORF_-_1801296	1801296	1801322	-	4	27	GTG	TAA	0	0
mORF_-_1801319	1801319	1801324	-	6	6	TTG	TGA	0	0
mORF_-_1801330	1801330	1801395	-	5	66	ATG	TAA	0	0
mORF_-_1801353	1801353	1801370	-	4	18	GTG	TAA	0	0
mORF_-_1801367	1801367	1801378	-	6	12	ATG	TGA	0	0
mORF_-_1801395	1801395	1801400	-	4	6	ATG	TAA	0	0
mORF_-_1801400	1801400	1801405	-	6	6	GTG	TAA	0	0
mORF_-_1801405	1801405	1801473	-	5	69	ATG	TAG	0	0
mORF_-_1801430	1801430	1801462	-	6	33	ATG	TAA	0	0
mORF_-_1801499	1801499	1801690	-	6	192	TTG	TAA	0	0
mORF_-_1801536	1801536	1801637	-	4	102	ATG	TAG	0	0
mORF_-_1801561	1801561	1801572	-	5	12	TTG	TAG	0	0
mORF_-_1801582	1801582	1801596	-	5	15	ATG	TGA	0	0
mORF_-_1801621	1801621	1801665	-	5	45	ATG	TAG	0	0
mORF_-_1801641	1801641	1801649	-	4	9	TTG	TGA	0	0
mORF_-_1801662	1801662	1801733	-	4	72	ATG	TGA	0	0
mORF_-_1801703	1801703	1801861	-	6	159	TTG	TAA	0	0
mORF_-_1801759	1801759	1801767	-	5	9	ATG	TGA	0	0
mORF_-_1801767	1801767	1801778	-	4	12	ATG	TAA	0	0
mORF_-_1801798	1801798	1801857	-	5	60	TTG	TAA	0	0
mORF_-_1801827	1801827	1801871	-	4	45	ATG	TAA	0	0
mORF_-_1801868	1801868	1801897	-	6	30	TTG	TGA	0	0
mORF_-_1801884	1801884	1801901	-	4	18	ATG	TAA	0	0
mORF_-_1801932	1801932	1801946	-	4	15	TTG	TGA	0	0
mORF_-_1801947	1801947	1802009	-	4	63	GTG	TAA	0	0
mORF_-_1801967	1801967	1802047	-	6	81	ATG	TAA	0	0

mORF_-_1801996	1801996	1802019	-	5	24	GTG	TGA	0	0	
mORF_-_1802047	1802047	1802103	-	5	57	TTG	TGA	0	0	
mORF_-_1802066	1802066	1802095	-	6	30	TTG	TGA	0	0	
mORF_-_1802143	1802143	1802175	-	5	33	ATG	TAG	0	0	
mORF_-_1802163	1802163	1802189	-	4	27	ATG	TGA	0	0	
mORF_-_1802182	1802182	1802199	-	5	18	TTG	TAG	0	0	
mORF_-_1802205	1802205	1802231	-	4	27	TTG	TAA	0	0	
mORF_-_1802228	1802228	1802359	-	6	132	TTG	TGA	0	0	
mORF_-_1802239	1802239	1802244	-	5	6	ATG	TAA	0	0	
mORF_-_1802281	1802281	1802319	-	5	39	GTG	TGA	0	0	
mORF_-_1802325	1802325	1802378	-	4	54	TTG	TAA	0	0	
mORF_-_1802371	1802371	1802391	-	5	21	GTG	TAA	0	0	
mORF_-_1802388	1802388	1802414	-	4	27	ATG	TGA	0	0	
mORF_-_1802402	1802402	1802410	-	6	9	ATG	TGA	0	0	
mORF_-_1802433	1802433	1802441	-	4	9	TTG	TAA	0	0	
mORF_-_1802452	1802452	1802625	-	5	174	TTG	TAG	0	0	
mORF_-_1802471	1802471	1802587	-	6	117	ATG	TAA	0	0	
mORF_-_1802526	1802526	1802546	-	4	21	TTG	TAA	0	0	
mORF_-_1802580	1802580	1802597	-	4	18	ATG	TAA	0	0	
mORF_-_1802613	1802613	1802639	-	4	27	GTG	TAA	0	0	
mORF_-_1802636	1802636	1802776	-	6	141	TTG	TGA	0	0	
mORF_-_1802650	1802650	1802655	-	5	6	GTG	TGA	0	0	
mORF_-_1802734	1802734	1802829	-	5	96	TTG	TAG	0	0	
mORF_-_1802796	1802796	1802852	-	4	57	ATG	TAA	0	0	
mORF_-_1802860	1802860	1802865	-	5	6	GTG	TAA	0	0	
mORF_-_1802865	1802865	1802885	-	4	21	ATG	TAG	0	0	
mORF_-_1802875	1802875	1802946	-	5	72	ATG	TAG	0	0	
mORF_-_1802882	1802882	1802893	-	6	12	ATG	TGA	0	0	
mORF_-_1802895	1802895	1802975	-	4	81	TTG	TGA	0	0	
mORF_-_1802903	1802903	1802914	-	6	12	ATG	TGA	0	0	
mORF_-_1802959	1802959	1802967	-	5	9	TTG	TAA	0	0	
mORF_-_1803022	1803022	1803168	-	5	147	TTG	TAG	0	0	
mORF_-_1803026	1803026	1803118	-	6	93	TTG	TAA	0	0	
mORF_-_1803146	1803146	1803184	-	6	39	GTG	TAA	0	0	
mORF_-_1803159	1803159	1803218	-	4	60	GTG	TGA	0	0	
mORF_-_1803196	1803196	1803246	-	5	51	TTG	TAG	0	0	
mORF_-_1803256	1803256	1803327	-	5	72	ATG	TAG	0	0	
mORF_-_1803267	1803267	1803332	-	4	66	GTG	TAG	0	0	
mORF_-_1803349	1803349	1804107	-	5	759	ATG	TAA	1	3	pORF_-_1803349
mORF_-_1803416	1803416	1803427	-	6	12	ATG	TGA	0	0	
mORF_-_1803447	1803447	1803476	-	4	30	ATG	TGA	0	0	
mORF_-_1803495	1803495	1803530	-	4	36	GTG	TGA	0	0	
mORF_-_1803551	1803551	1803565	-	6	15	ATG	TGA	0	0	
mORF_-_1803555	1803555	1803677	-	4	123	ATG	TGA	0	0	
mORF_-_1803678	1803678	1803695	-	4	18	ATG	TGA	0	0	
mORF_-_1803705	1803705	1803713	-	4	9	ATG	TGA	0	0	
mORF_-_1803744	1803744	1803776	-	4	33	ATG	TGA	0	0	
mORF_-_1803783	1803783	1803893	-	4	111	ATG	TAA	0	0	
mORF_-_1803851	1803851	1803868	-	6	18	GTG	TAA	0	0	
mORF_-_1803900	1803900	1803953	-	4	54	TTG	TGA	0	0	
mORF_-_1803966	1803966	1804043	-	4	78	ATG	TGA	0	0	
mORF_-_1804028	1804028	1804129	-	6	102	TTG	TGA	0	0	
mORF_-_1804044	1804044	1804055	-	4	12	TTG	TGA	0	0	
mORF_-_1804104	1804104	1804172	-	4	69	TTG	TGA	0	0	
mORF_-_1804169	1804169	1804228	-	6	60	TTG	TGA	0	0	
mORF_-_1804236	1804236	1804259	-	4	24	ATG	TAA	0	0	
mORF_-_1804277	1804277	1804300	-	6	24	TTG	TAA	0	0	
mORF_-_1804291	1804291	1804320	-	5	30	TTG	TAA	0	0	
mORF_-_1804305	1804305	1804328	-	4	24	ATG	TAA	0	0	
mORF_-_1804325	1804325	1804345	-	6	21	GTG	TGA	0	0	
mORF_-_1804374	1804374	1804445	-	4	72	TTG	TGA	0	0	
mORF_-_1804379	1804379	1804597	-	6	219	GTG	TAG	0	0	
mORF_-_1804446	1804446	1804490	-	4	45	GTG	TAA	0	0	

mORF_-_1804459	1804459	1805049	-	5	591	TTG	TAA	0	0	
mORF_-_1804518	1804518	1804607	-	4	90	GTG	TGA	0	0	
mORF_-_1804635	1804635	1804691	-	4	57	TTG	TAG	0	0	
mORF_-_1804670	1804670	1804681	-	6	12	ATG	TAA	0	0	
mORF_-_1804713	1804713	1804730	-	4	18	ATG	TAA	0	0	
mORF_-_1804730	1804730	1804765	-	6	36	TTG	TAA	0	0	
mORF_-_1804797	1804797	1804925	-	4	129	TTG	TGA	0	0	
mORF_-_1804838	1804838	1804870	-	6	33	TTG	TAA	0	0	
mORF_-_1804907	1804907	1805395	-	6	489	TTG	TAA	0	0	
mORF_-_1805031	1805031	1805255	-	4	225	GTG	TAA	0	0	
mORF_-_1805110	1805110	1805259	-	5	150	TTG	TGA	0	0	
mORF_-_1805256	1805256	1805270	-	4	15	GTG	TGA	0	0	
mORF_-_1805320	1805320	1805361	-	5	42	TTG	TAG	0	0	
mORF_-_1805355	1805355	1805729	-	4	375	TTG	TGA	0	0	
mORF_-_1805392	1805392	1805412	-	5	21	TTG	TGA	0	0	
mORF_-_1805447	1805447	1805464	-	6	18	ATG	TAA	0	0	
mORF_-_1805461	1805461	1805481	-	5	21	ATG	TGA	0	0	
mORF_-_1805507	1805507	1805704	-	6	198	TTG	TAA	0	0	
mORF_-_1805638	1805638	1805652	-	5	15	TTG	TAA	0	0	
mORF_-_1805750	1805750	1805821	-	6	72	ATG	TAA	0	0	
mORF_-_1805763	1805763	1805768	-	4	6	GTG	TAA	0	0	
mORF_-_1805787	1805787	1805807	-	4	21	ATG	TAA	0	0	
mORF_-_1805818	1805818	1805832	-	5	15	TTG	TGA	0	0	
mORF_-_1805833	1805833	1805916	-	5	84	ATG	TGA	0	0	
mORF_-_1805856	1805856	1806002	-	4	147	TTG	TAA	0	0	
mORF_-_1805927	1805927	1806034	-	6	108	GTG	TAG	0	0	
mORF_-_1806009	1806009	1806146	-	4	138	TTG	TAA	0	0	
mORF_-_1806040	1806040	1806129	-	5	90	ATG	TAG	0	0	
mORF_-_1806130	1806130	1806615	-	5	486	TTG	TAA	0	0	
mORF_-_1806156	1806156	1806239	-	4	84	TTG	TAA	0	0	
mORF_-_1806161	1806161	1806334	-	6	174	ATG	TGA	0	0	
mORF_-_1806249	1806249	1806344	-	4	96	ATG	TGA	0	0	
mORF_-_1806363	1806363	1806392	-	4	30	GTG	TGA	0	0	
mORF_-_1806368	1806368	1806442	-	6	75	ATG	TGA	0	0	
mORF_-_1806492	1806492	1806521	-	4	30	TTG	TAA	0	0	
mORF_-_1806552	1806552	1806590	-	4	39	TTG	TAG	0	0	
mORF_-_1806593	1806593	1806598	-	6	6	GTG	TAG	0	0	
mORF_-_1806618	1806618	1806635	-	4	18	ATG	TAA	0	0	
mORF_-_1806640	1806640	1806678	-	5	39	ATG	TAA	0	0	
mORF_-_1806647	1806647	1806769	-	6	123	TTG	TGA	0	0	
mORF_-_1806669	1806669	1806851	-	4	183	GTG	TAA	0	0	
mORF_-_1806721	1806721	1807257	-	5	537	ATG	TAA	1	2	pORF_-_1806721
mORF_-_1806855	1806855	1806905	-	4	51	GTG	TAA	0	0	
mORF_-_1806933	1806933	1806971	-	4	39	TTG	TGA	0	0	
mORF_-_1807005	1807005	1807016	-	4	12	ATG	TGA	0	0	
mORF_-_1807086	1807086	1807118	-	4	33	ATG	TGA	0	0	
mORF_-_1807118	1807118	1807207	-	6	90	TTG	TAA	0	0	
mORF_-_1807221	1807221	1807232	-	4	12	TTG	TGA	0	0	
mORF_-_1807254	1807254	1807289	-	4	36	GTG	TGA	0	0	
mORF_-_1807290	1807290	1807322	-	4	33	ATG	TAA	0	0	
mORF_-_1807326	1807326	1807361	-	4	36	GTG	TAA	0	0	
mORF_-_1807348	1807348	1807380	-	5	33	ATG	TAA	0	0	
mORF_-_1807373	1807373	1807378	-	6	6	GTG	TAA	0	0	
mORF_-_1807387	1807387	1807434	-	5	48	TTG	TAG	0	0	
mORF_-_1807418	1807418	1807564	-	6	147	ATG	TGA	0	0	
mORF_-_1807456	1807456	1807614	-	5	159	TTG	TAA	0	0	
mORF_-_1807557	1807557	1807598	-	4	42	TTG	TAA	0	0	
mORF_-_1807619	1807619	1807786	-	6	168	ATG	TGA	0	0	
mORF_-_1807639	1807639	1807881	-	5	243	TTG	TAA	0	0	
mORF_-_1807710	1807710	1807724	-	4	15	TTG	TAA	0	0	
mORF_-_1807758	1807758	1807763	-	4	6	ATG	TAG	0	0	
mORF_-_1807794	1807794	1807994	-	4	201	TTG	TAA	0	0	
mORF_-_1807838	1807838	1808050	-	6	213	GTG	TAA	0	0	

mORF_-_1807945	1807945	1808004	-	5	60	GTG	TAG	0	0	
mORF_-_1808023	1808023	1808034	-	5	12	ATG	TGA	0	0	
mORF_-_1808031	1808031	1808123	-	4	93	ATG	TGA	0	0	
mORF_-_1808047	1808047	1808127	-	5	81	TTG	TGA	0	0	
mORF_-_1808108	1808108	1808185	-	6	78	GTG	TAA	0	0	
mORF_-_1808161	1808161	1808175	-	5	15	GTG	TAA	0	0	
mORF_-_1808198	1808198	1808236	-	6	39	ATG	TAG	0	0	
mORF_-_1808220	1808220	1808333	-	4	114	ATG	TAA	0	0	
mORF_-_1808249	1808249	1808374	-	6	126	ATG	TGA	1	0	pORF_-_1808249
mORF_-_1808263	1808263	1808421	-	5	159	TTG	TAG	0	0	
mORF_-_1808364	1808364	1808381	-	4	18	GTG	TAA	0	0	
mORF_-_1808418	1808418	1808462	-	4	45	GTG	TGA	0	0	
mORF_-_1808455	1808455	1808493	-	5	39	TTG	TAA	0	0	
mORF_-_1808498	1808498	1808527	-	6	30	ATG	TAA	0	0	
mORF_-_1808524	1808524	1808622	-	5	99	ATG	TGA	0	0	
mORF_-_1808541	1808541	1808672	-	4	132	TTG	TAG	0	0	
mORF_-_1808561	1808561	1808773	-	6	213	TTG	TAA	0	0	
mORF_-_1808683	1808683	1808760	-	5	78	ATG	TAA	0	0	
mORF_-_1808697	1808697	1808726	-	4	30	ATG	TAA	0	0	
mORF_-_1808757	1808757	1808885	-	4	129	GTG	TGA	0	0	
mORF_-_1808822	1808822	1808833	-	6	12	TTG	TAG	0	0	
mORF_-_1808837	1808837	1808863	-	6	27	ATG	TGA	0	0	
mORF_-_1808882	1808882	1808983	-	6	102	ATG	TGA	0	0	
mORF_-_1808893	1808893	1808910	-	5	18	GTG	TAA	0	0	
mORF_-_1808944	1808944	1808970	-	5	27	ATG	TGA	0	0	
mORF_-_1808970	1808970	1809188	-	4	219	TTG	TAA	0	0	
mORF_-_1809017	1809017	1809106	-	6	90	ATG	TGA	0	0	
mORF_-_1809107	1809107	1809157	-	6	51	ATG	TAA	0	0	
mORF_-_1809204	1809204	1809245	-	4	42	ATG	TAA	0	0	
mORF_-_1809217	1809217	1809252	-	5	36	ATG	TAG	0	0	
mORF_-_1809254	1809254	1809340	-	6	87	TTG	TGA	0	0	
mORF_-_1809334	1809334	1809393	-	5	60	GTG	TGA	0	0	
mORF_-_1809371	1809371	1809406	-	6	36	ATG	TGA	0	0	
mORF_-_1809416	1809416	1809658	-	6	243	ATG	TAG	0	0	
mORF_-_1809493	1809493	1809516	-	5	24	TTG	TAA	0	0	
mORF_-_1809520	1809520	1809561	-	5	42	ATG	TGA	0	0	
mORF_-_1809621	1809621	1809626	-	4	6	TTG	TAG	0	0	
mORF_-_1809671	1809671	1809733	-	6	63	TTG	TAA	0	0	
mORF_-_1809687	1809687	1809917	-	4	231	TTG	TAG	0	0	
mORF_-_1809758	1809758	1809979	-	6	222	ATG	TAG	0	0	
mORF_-_1809892	1809892	1810014	-	5	123	TTG	TAG	0	0	
mORF_-_1809983	1809983	1810309	-	6	327	ATG	TGA	0	0	
mORF_-_1810099	1810099	1810149	-	5	51	GTG	TAA	0	0	
mORF_-_1810239	1810239	1810346	-	4	108	ATG	TAA	0	0	
mORF_-_1810246	1810246	1810341	-	5	96	GTG	TAA	0	0	
mORF_-_1810353	1810353	1811168	-	4	816	ATG	TAA	0	0	
mORF_-_1810393	1810393	1810425	-	5	33	ATG	TAA	0	0	
mORF_-_1810400	1810400	1810477	-	6	78	TTG	TAA	0	0	
mORF_-_1810474	1810474	1810482	-	5	9	ATG	TGA	0	0	
mORF_-_1810517	1810517	1810528	-	6	12	ATG	TAA	0	0	
mORF_-_1810565	1810565	1810588	-	6	24	GTG	TGA	0	0	
mORF_-_1810661	1810661	1810729	-	6	69	ATG	TAA	0	0	
mORF_-_1810787	1810787	1810828	-	6	42	TTG	TGA	0	0	
mORF_-_1810850	1810850	1810870	-	6	21	ATG	TAA	0	0	
mORF_-_1810886	1810886	1810984	-	6	99	TTG	TAA	0	0	
mORF_-_1811009	1811009	1811026	-	6	18	GTG	TAG	0	0	
mORF_-_1811023	1811023	1811028	-	5	6	ATG	TGA	0	0	
mORF_-_1811114	1811114	1811125	-	6	12	ATG	TAA	0	0	
mORF_-_1811165	1811165	1811179	-	6	15	TTG	TGA	0	0	
mORF_-_1811185	1811185	1811193	-	5	9	ATG	TAA	0	0	
mORF_-_1811200	1811200	1811208	-	5	9	ATG	TAG	0	0	
mORF_-_1811205	1811205	1811252	-	4	48	TTG	TGA	0	0	
mORF_-_1811209	1811209	1811214	-	5	6	TTG	TAA	0	0	

mORF_-_1811249	1811249	1811275	-	6	27	TTG	TGA	0	0
mORF_-_1811269	1811269	1811304	-	5	36	TTG	TAA	0	0
mORF_-_1811305	1811305	1811322	-	5	18	GTG	TAA	0	0
mORF_-_1811323	1811323	1811346	-	5	24	TTG	TAA	0	0
mORF_-_1811327	1811327	1811335	-	6	9	TTG	TAA	0	0
mORF_-_1811343	1811343	1811387	-	4	45	TTG	TGA	0	0
mORF_-_1811402	1811402	1811410	-	6	9	ATG	TGA	0	0
mORF_-_1811407	1811407	1811424	-	5	18	TTG	TGA	0	0
mORF_-_1811445	1811445	1811708	-	4	264	ATG	TAA	0	0
mORF_-_1811449	1811449	1811487	-	5	39	TTG	TGA	0	0
mORF_-_1811543	1811543	1811587	-	6	45	GTG	TGA	0	0
mORF_-_1811603	1811603	1811644	-	6	42	ATG	TAA	0	0
mORF_-_1811742	1811742	1811849	-	4	108	TTG	TAA	0	0
mORF_-_1811774	1811774	1811782	-	6	9	GTG	TGA	0	0
mORF_-_1811874	1811874	1812032	-	4	159	GTG	TAA	0	0
mORF_-_1811888	1811888	1811926	-	6	39	GTG	TGA	0	0
mORF_-_1811936	1811936	1811941	-	6	6	GTG	TAG	0	0
mORF_-_1811972	1811972	1812166	-	6	195	TTG	TGA	0	0
mORF_-_1811995	1811995	1812108	-	5	114	TTG	TGA	0	0
mORF_-_1812121	1812121	1812135	-	5	15	GTG	TAA	0	0
mORF_-_1812135	1812135	1812197	-	4	63	TTG	TAG	0	0
mORF_-_1812139	1812139	1812153	-	5	15	ATG	TGA	0	0
mORF_-_1812163	1812163	1812255	-	5	93	ATG	TGA	0	0
mORF_-_1812170	1812170	1812274	-	6	105	ATG	TGA	0	0
mORF_-_1812231	1812231	1812311	-	4	81	ATG	TGA	0	0
mORF_-_1812284	1812284	1812295	-	6	12	GTG	TGA	0	0
mORF_-_1812298	1812298	1812369	-	5	72	GTG	TAA	0	0
mORF_-_1812350	1812350	1812766	-	6	417	GTG	TGA	0	0
mORF_-_1812390	1812390	1812503	-	4	114	TTG	TAG	0	0
mORF_-_1812397	1812397	1812453	-	5	57	TTG	TGA	0	0
mORF_-_1812457	1812457	1812498	-	5	42	GTG	TAG	0	0
mORF_-_1812510	1812510	1812581	-	4	72	GTG	TAA	0	0
mORF_-_1812613	1812613	1812675	-	5	63	ATG	TAA	0	0
mORF_-_1812685	1812685	1812696	-	5	12	ATG	TAA	0	0
mORF_-_1812712	1812712	1812963	-	5	252	TTG	TGA	0	0
mORF_-_1812729	1812729	1812812	-	4	84	GTG	TAA	0	0
mORF_-_1812791	1812791	1813237	-	6	447	ATG	TGA	0	0
mORF_-_1812930	1812930	1812959	-	4	30	TTG	TGA	0	0
mORF_-_1812991	1812991	1813101	-	5	111	TTG	TGA	0	0
mORF_-_1813095	1813095	1813145	-	4	51	GTG	TGA	0	0
mORF_-_1813207	1813207	1813254	-	5	48	GTG	TAA	0	0
mORF_-_1813267	1813267	1813365	-	5	99	TTG	TAA	0	0
mORF_-_1813284	1813284	1813442	-	4	159	ATG	TAA	0	0
mORF_-_1813340	1813340	1813411	-	6	72	ATG	TGA	0	0
mORF_-_1813427	1813427	1813456	-	6	30	ATG	TAG	0	0
mORF_-_1813432	1813432	1813767	-	5	336	TTG	TGA	0	0
mORF_-_1813481	1813481	1813537	-	6	57	ATG	TAA	0	0
mORF_-_1813608	1813608	1813616	-	4	9	GTG	TGA	0	0
mORF_-_1813626	1813626	1813649	-	4	24	ATG	TGA	0	0
mORF_-_1813706	1813706	1813963	-	6	258	GTG	TAA	0	0
mORF_-_1813774	1813774	1813782	-	5	9	TTG	TGA	0	0
mORF_-_1813789	1813789	1813935	-	5	147	TTG	TAG	0	0
mORF_-_1813845	1813845	1813862	-	4	18	GTG	TAG	0	0
mORF_-_1813954	1813954	1814181	-	5	228	TTG	TAG	0	0
mORF_-_1814001	1814001	1814012	-	4	12	TTG	TAA	0	0
mORF_-_1814073	1814073	1814120	-	4	48	GTG	TAA	0	0
mORF_-_1814087	1814087	1814107	-	6	21	GTG	TAG	0	0
mORF_-_1814117	1814117	1814332	-	6	216	TTG	TGA	0	0
mORF_-_1814187	1814187	1814192	-	4	6	ATG	TAA	0	0
mORF_-_1814239	1814239	1814244	-	5	6	TTG	TAG	0	0
mORF_-_1814257	1814257	1814301	-	5	45	ATG	TGA	0	0
mORF_-_1814301	1814301	1814378	-	4	78	TTG	TGA	0	0
mORF_-_1814342	1814342	1814392	-	6	51	ATG	TAA	0	0

mORF_-_1814362	1814362	1814409	-	5	48	GTG	TAA	0	0	
mORF_-_1814382	1814382	1814399	-	4	18	TTG	TGA	0	0	
mORF_-_1814406	1814406	1814459	-	4	54	GTG	TGA	0	0	
mORF_-_1814410	1814410	1815159	-	5	750	ATG	TAA	0	0	
mORF_-_1814478	1814478	1814486	-	4	9	ATG	TGA	0	0	
mORF_-_1814496	1814496	1814519	-	4	24	GTG	TAA	0	0	
mORF_-_1814534	1814534	1814557	-	6	24	GTG	TAA	0	0	
mORF_-_1814559	1814559	1814924	-	4	366	ATG	TGA	0	0	
mORF_-_1814822	1814822	1814908	-	6	87	ATG	TGA	0	0	
mORF_-_1814949	1814949	1814975	-	4	27	TTG	TGA	0	0	
mORF_-_1814985	1814985	1815008	-	4	24	GTG	TAG	0	0	
mORF_-_1815012	1815012	1815044	-	4	33	ATG	TGA	0	0	
mORF_-_1815045	1815045	1815077	-	4	33	ATG	TGA	0	0	
mORF_-_1815117	1815117	1815143	-	4	27	TTG	TAA	0	0	
mORF_-_1815162	1815162	1815209	-	4	48	TTG	TGA	0	0	
mORF_-_1815172	1815172	1816524	-	5	1353	ATG	TAA	0	0	
mORF_-_1815185	1815185	1815223	-	6	39	ATG	TAA	0	0	
mORF_-_1815240	1815240	1815266	-	4	27	ATG	TGA	0	0	
mORF_-_1815297	1815297	1815353	-	4	57	TTG	TAA	0	0	
mORF_-_1815387	1815387	1815434	-	4	48	ATG	TAA	0	0	
mORF_-_1815459	1815459	1815497	-	4	39	ATG	TAG	0	0	
mORF_-_1815509	1815509	1815562	-	6	54	ATG	TAA	0	0	
mORF_-_1815552	1815552	1815587	-	4	36	GTG	TGA	0	0	
mORF_-_1815618	1815618	1815644	-	4	27	TTG	TGA	0	0	
mORF_-_1815669	1815669	1815713	-	4	45	TTG	TAG	0	0	
mORF_-_1815710	1815710	1815760	-	6	51	ATG	TGA	0	0	
mORF_-_1815783	1815783	1815794	-	4	12	GTG	TAA	0	0	
mORF_-_1815834	1815834	1815887	-	4	54	ATG	TAA	0	0	
mORF_-_1815891	1815891	1815950	-	4	60	ATG	TGA	0	0	
mORF_-_1815966	1815966	1815974	-	4	9	ATG	TGA	0	0	
mORF_-_1816007	1816007	1816012	-	6	6	GTG	TAA	0	0	
mORF_-_1816085	1816085	1816108	-	6	24	TTG	TAA	0	0	
mORF_-_1816089	1816089	1816121	-	4	33	ATG	TGA	0	0	
mORF_-_1816125	1816125	1816136	-	4	12	TTG	TAA	0	0	
mORF_-_1816140	1816140	1816208	-	4	69	ATG	TGA	0	0	
mORF_-_1816212	1816212	1816286	-	4	75	ATG	TAA	0	0	
mORF_-_1816326	1816326	1816349	-	4	24	TTG	TGA	0	0	
mORF_-_1816350	1816350	1816496	-	4	147	TTG	TGA	0	0	
mORF_-_1816391	1816391	1816417	-	6	27	ATG	TAA	0	0	
mORF_-_1816448	1816448	1816594	-	6	147	TTG	TAA	0	0	
mORF_-_1816536	1816536	1816580	-	4	45	ATG	TGA	0	0	
mORF_-_1816629	1816629	1817471	-	4	843	ATG	TAA	0	0	
mORF_-_1816682	1816682	1816741	-	6	60	TTG	TAA	0	0	
mORF_-_1816763	1816763	1816831	-	6	69	ATG	TGA	0	0	
mORF_-_1816853	1816853	1816927	-	6	75	ATG	TGA	0	0	
mORF_-_1816924	1816924	1816956	-	5	33	GTG	TGA	0	0	
mORF_-_1816949	1816949	1816972	-	6	24	TTG	TGA	0	0	
mORF_-_1816973	1816973	1817035	-	6	63	TTG	TGA	0	0	
mORF_-_1817075	1817075	1817191	-	6	117	TTG	TGA	0	0	
mORF_-_1817104	1817104	1817139	-	5	36	TTG	TAA	0	0	
mORF_-_1817195	1817195	1817221	-	6	27	ATG	TGA	0	0	
mORF_-_1817243	1817243	1817260	-	6	18	TTG	TAG	0	0	
mORF_-_1817318	1817318	1817440	-	6	123	TTG	TAA	0	0	
mORF_-_1817479	1817479	1817829	-	5	351	ATG	TAA	2	5	pORF_-_1817479
mORF_-_1817487	1817487	1817507	-	4	21	TTG	TGA	0	0	
mORF_-_1817520	1817520	1817534	-	4	15	TTG	TGA	0	0	
mORF_-_1817586	1817586	1817615	-	4	30	TTG	TGA	0	0	
mORF_-_1817616	1817616	1817645	-	4	30	ATG	TGA	0	0	
mORF_-_1817670	1817670	1817690	-	4	21	TTG	TGA	0	0	
mORF_-_1817712	1817712	1817723	-	4	12	ATG	TGA	0	0	
mORF_-_1817813	1817813	1817833	-	6	21	ATG	TAA	0	0	
mORF_-_1817826	1817826	1817876	-	4	51	ATG	TGA	0	0	
mORF_-_1817880	1817880	1819238	-	4	1359	ATG	TAA	1	2	pORF_-_1817880

mORF_-_1817888	1817888	1817962	-	6	75	TTG	TGA	0	0	
mORF_-_1817975	1817975	1818079	-	6	105	TTG	TAA	0	0	
mORF_-_1818037	1818037	1818072	-	5	36	GTG	TAA	0	0	
mORF_-_1818086	1818086	1818157	-	6	72	TTG	TGA	0	0	
mORF_-_1818179	1818179	1818271	-	6	93	GTG	TGA	0	0	
mORF_-_1818305	1818305	1818409	-	6	105	ATG	TAG	0	0	
mORF_-_1818376	1818376	1818444	-	5	69	GTG	TAA	0	0	
mORF_-_1818473	1818473	1818520	-	6	48	TTG	TGA	0	0	
mORF_-_1818524	1818524	1818529	-	6	6	ATG	TGA	0	0	
mORF_-_1818617	1818617	1818631	-	6	15	TTG	TGA	0	0	
mORF_-_1818668	1818668	1818805	-	6	138	GTG	TAA	0	0	
mORF_-_1818718	1818718	1818729	-	5	12	TTG	TAA	0	0	
mORF_-_1818806	1818806	1818844	-	6	39	GTG	TAG	0	0	
mORF_-_1818860	1818860	1818934	-	6	75	TTG	TGA	0	0	
mORF_-_1818965	1818965	1818994	-	6	30	TTG	TAG	0	0	
mORF_-_1819001	1819001	1819021	-	6	21	TTG	TGA	0	0	
mORF_-_1819046	1819046	1819075	-	6	30	TTG	TAG	0	0	
mORF_-_1819097	1819097	1819120	-	6	24	TTG	TAA	0	0	
mORF_-_1819133	1819133	1819162	-	6	30	ATG	TAA	0	0	
mORF_-_1819181	1819181	1819231	-	6	51	ATG	TAG	0	0	
mORF_-_1819231	1819231	1819263	-	5	33	TTG	TAA	0	0	
mORF_-_1819313	1819313	1819354	-	6	42	TTG	TAA	0	0	
mORF_-_1819323	1819323	1819643	-	4	321	ATG	TAA	2	6	pORF_-_1819323
mORF_-_1819373	1819373	1819408	-	6	36	TTG	TAG	0	0	
mORF_-_1819409	1819409	1819465	-	6	57	TTG	TAA	0	0	
mORF_-_1819475	1819475	1819657	-	6	183	ATG	TAG	0	0	
mORF_-_1819552	1819552	1819617	-	5	66	TTG	TGA	0	0	
mORF_-_1819654	1819654	1819689	-	5	36	TTG	TGA	0	0	
mORF_-_1819664	1819664	1819840	-	6	177	GTG	TAA	0	0	
mORF_-_1819671	1819671	1819682	-	4	12	GTG	TGA	0	0	
mORF_-_1819693	1819693	1819734	-	5	42	ATG	TAA	0	0	
mORF_-_1819837	1819837	1819851	-	5	15	TTG	TGA	0	0	
mORF_-_1819877	1819877	1819924	-	6	48	TTG	TGA	0	0	
mORF_-_1819929	1819929	1820018	-	4	90	ATG	TGA	0	0	
mORF_-_1819942	1819942	1820280	-	5	339	ATG	TAA	17	513	pORF_-_1819942
mORF_-_1820019	1820019	1820093	-	4	75	ATG	TAG	0	0	
mORF_-_1820051	1820051	1820080	-	6	30	TTG	TGA	0	0	
mORF_-_1820103	1820103	1820138	-	4	36	TTG	TGA	0	0	
mORF_-_1820172	1820172	1820210	-	4	39	ATG	TGA	0	0	
mORF_-_1820207	1820207	1820221	-	6	15	TTG	TGA	0	0	
mORF_-_1820235	1820235	1820252	-	4	18	GTG	TAA	0	0	
mORF_-_1820307	1820307	1820342	-	4	36	TTG	TAA	0	0	
mORF_-_1820339	1820339	1820401	-	6	63	ATG	TGA	0	0	
mORF_-_1820402	1820402	1820521	-	6	120	TTG	TGA	0	0	
mORF_-_1820479	1820479	1820586	-	5	108	TTG	TGA	0	0	
mORF_-_1820589	1820589	1820600	-	4	12	ATG	TAA	0	0	
mORF_-_1820600	1820600	1820608	-	6	9	GTG	TAA	0	0	
mORF_-_1820631	1820631	1820699	-	4	69	TTG	TGA	0	0	
mORF_-_1820672	1820672	1820707	-	6	36	GTG	TAA	0	0	
mORF_-_1820704	1820704	1820787	-	5	84	TTG	TGA	0	0	
mORF_-_1820742	1820742	1820774	-	4	33	ATG	TGA	0	0	
mORF_-_1820784	1820784	1820960	-	4	177	GTG	TGA	0	0	
mORF_-_1820800	1820800	1820967	-	5	168	ATG	TAA	0	0	
mORF_-_1820813	1820813	1820917	-	6	105	GTG	TGA	0	0	
mORF_-_1820964	1820964	1821047	-	4	84	TTG	TGA	0	0	
mORF_-_1821041	1821041	1821277	-	6	237	TTG	TGA	0	0	
mORF_-_1821076	1821076	1821354	-	5	279	GTG	TAA	0	0	
mORF_-_1821171	1821171	1821179	-	4	9	TTG	TAG	0	0	
mORF_-_1821278	1821278	1821469	-	6	192	ATG	TAA	0	0	
mORF_-_1821403	1821403	1821411	-	5	9	ATG	TGA	0	0	
mORF_-_1821447	1821447	1821617	-	4	171	ATG	TGA	0	0	
mORF_-_1821503	1821503	1821526	-	6	24	ATG	TAA	0	0	
mORF_-_1821551	1821551	1821607	-	6	57	ATG	TAA	0	0	

mORF_-_1821589	1821589	1821636	-	5	48	GTG	TAA	0	0	
mORF_-_1821629	1821629	1821730	-	6	102	ATG	TAA	0	0	
mORF_-_1821658	1821658	1821678	-	5	21	ATG	TGA	0	0	
mORF_-_1821685	1821685	1821708	-	5	24	ATG	TAG	0	0	
mORF_-_1821727	1821727	1822014	-	5	288	ATG	TGA	0	0	
mORF_-_1821758	1821758	1821766	-	6	9	TTG	TAG	0	0	
mORF_-_1821830	1821830	1821898	-	6	69	TTG	TAA	0	0	
mORF_-_1821855	1821855	1822115	-	4	261	ATG	TAA	0	0	
mORF_-_1821947	1821947	1822027	-	6	81	TTG	TGA	0	0	
mORF_-_1822094	1822094	1822144	-	6	51	ATG	TAG	0	0	
mORF_-_1822148	1822148	1822258	-	6	111	TTG	TAG	0	0	
mORF_-_1822281	1822281	1822319	-	4	39	GTG	TAA	0	0	
mORF_-_1822307	1822307	1822483	-	6	177	ATG	TAA	0	0	
mORF_-_1822386	1822386	1823024	-	4	639	TTG	TAA	0	0	
mORF_-_1822444	1822444	1822494	-	5	51	GTG	TAA	0	0	
mORF_-_1822519	1822519	1822536	-	5	18	GTG	TAA	0	0	
mORF_-_1822547	1822547	1822624	-	6	78	ATG	TGA	0	0	
mORF_-_1822682	1822682	1822708	-	6	27	TTG	TAA	0	0	
mORF_-_1822724	1822724	1822756	-	6	33	TTG	TAA	0	0	
mORF_-_1822787	1822787	1822915	-	6	129	ATG	TAG	0	0	
mORF_-_1822864	1822864	1822890	-	5	27	TTG	TGA	0	0	
mORF_-_1822903	1822903	1822923	-	5	21	GTG	TGA	0	0	
mORF_-_1822928	1822928	1822987	-	6	60	ATG	TGA	0	0	
mORF_-_1823050	1823050	1823106	-	5	57	GTG	TGA	0	0	
mORF_-_1823061	1823061	1823111	-	4	51	ATG	TAA	0	0	
mORF_-_1823111	1823111	1823131	-	6	21	TTG	TAA	0	0	
mORF_-_1823164	1823164	1823649	-	5	486	ATG	TAA	4	9	pORF_-_1823164
mORF_-_1823211	1823211	1823234	-	4	24	ATG	TGA	0	0	
mORF_-_1823352	1823352	1823387	-	4	36	ATG	TAA	0	0	
mORF_-_1823421	1823421	1823432	-	4	12	GTG	TGA	0	0	
mORF_-_1823538	1823538	1823627	-	4	90	TTG	TGA	0	0	
mORF_-_1823689	1823689	1823739	-	5	51	TTG	TAA	0	0	
mORF_-_1823736	1823736	1823792	-	4	57	TTG	TGA	0	0	
mORF_-_1823740	1823740	1823781	-	5	42	GTG	TAA	0	0	
mORF_-_1823744	1823744	1823752	-	6	9	TTG	TGA	0	0	
mORF_-_1823838	1823838	1823846	-	4	9	GTG	TAA	0	0	
mORF_-_1823863	1823863	1823943	-	5	81	TTG	TAA	0	0	
mORF_-_1823979	1823979	1824947	-	4	969	ATG	TAA	0	0	
mORF_-_1824023	1824023	1824049	-	6	27	ATG	TAG	0	0	
mORF_-_1824053	1824053	1824061	-	6	9	ATG	TAG	0	0	
mORF_-_1824065	1824065	1824115	-	6	51	TTG	TAA	0	0	
mORF_-_1824128	1824128	1824139	-	6	12	GTG	TGA	0	0	
mORF_-_1824215	1824215	1824253	-	6	39	TTG	TGA	0	0	
mORF_-_1824232	1824232	1824426	-	5	195	GTG	TGA	0	0	
mORF_-_1824266	1824266	1824418	-	6	153	GTG	TAA	0	0	
mORF_-_1824428	1824428	1824631	-	6	204	TTG	TGA	0	0	
mORF_-_1824547	1824547	1824567	-	5	21	GTG	TGA	0	0	
mORF_-_1824604	1824604	1824621	-	5	18	TTG	TGA	0	0	
mORF_-_1824649	1824649	1824714	-	5	66	TTG	TAG	0	0	
mORF_-_1824698	1824698	1824784	-	6	87	ATG	TGA	0	0	
mORF_-_1824839	1824839	1824856	-	6	18	ATG	TGA	0	0	
mORF_-_1824926	1824926	1824934	-	6	9	TTG	TGA	0	0	
mORF_-_1824940	1824940	1826283	-	5	1344	ATG	TAA	1	2	pORF_-_1824940
mORF_-_1825002	1825002	1825109	-	4	108	ATG	TGA	0	0	
mORF_-_1825109	1825109	1825192	-	6	84	GTG	TAA	0	0	
mORF_-_1825167	1825167	1825232	-	4	66	TTG	TGA	0	0	
mORF_-_1825239	1825239	1825277	-	4	39	ATG	TAA	0	0	
mORF_-_1825274	1825274	1825312	-	6	39	GTG	TGA	0	0	
mORF_-_1825332	1825332	1825346	-	4	15	ATG	TGA	0	0	
mORF_-_1825391	1825391	1825501	-	6	111	TTG	TGA	0	0	
mORF_-_1825422	1825422	1825451	-	4	30	GTG	TAG	0	0	
mORF_-_1825521	1825521	1825529	-	4	9	TTG	TGA	0	0	
mORF_-_1825530	1825530	1825538	-	4	9	ATG	TGA	0	0	

mORF_-_1825611	1825611	1825769	-	4	159	GTG	TGA	0	0	
mORF_-_1825880	1825880	1825966	-	6	87	GTG	TAA	0	0	
mORF_-_1825887	1825887	1825955	-	4	69	ATG	TGA	0	0	
mORF_-_1825959	1825959	1826048	-	4	90	GTG	TAG	0	0	
mORF_-_1826100	1826100	1826129	-	4	30	TTG	TGA	0	0	
mORF_-_1826142	1826142	1826216	-	4	75	TTG	TGA	0	0	
mORF_-_1826210	1826210	1826296	-	6	87	ATG	TAA	0	0	
mORF_-_1826280	1826280	1827815	-	4	1536	ATG	TGA	1	4	pORF_-_1826280
mORF_-_1826317	1826317	1826370	-	5	54	ATG	TAA	0	0	
mORF_-_1826336	1826336	1826656	-	6	321	TTG	TAA	0	0	
mORF_-_1826476	1826476	1826547	-	5	72	TTG	TAA	0	0	
mORF_-_1826663	1826663	1826671	-	6	9	TTG	TGA	0	0	
mORF_-_1826668	1826668	1826760	-	5	93	ATG	TGA	0	0	
mORF_-_1826684	1826684	1826722	-	6	39	TTG	TGA	0	0	
mORF_-_1826795	1826795	1826827	-	6	33	ATG	TGA	0	0	
mORF_-_1826843	1826843	1826884	-	6	42	ATG	TAA	0	0	
mORF_-_1826903	1826903	1826950	-	6	48	TTG	TGA	0	0	
mORF_-_1826966	1826966	1827001	-	6	36	ATG	TGA	0	0	
mORF_-_1827008	1827008	1827136	-	6	129	GTG	TAA	0	0	
mORF_-_1827137	1827137	1827157	-	6	21	GTG	TGA	0	0	
mORF_-_1827154	1827154	1827237	-	5	84	GTG	TGA	0	0	
mORF_-_1827218	1827218	1827232	-	6	15	GTG	TAA	0	0	
mORF_-_1827242	1827242	1827397	-	6	156	GTG	TGA	0	0	
mORF_-_1827464	1827464	1827511	-	6	48	TTG	TGA	0	0	
mORF_-_1827521	1827521	1827664	-	6	144	ATG	TAA	0	0	
mORF_-_1827580	1827580	1827633	-	5	54	TTG	TGA	0	0	
mORF_-_1827661	1827661	1827675	-	5	15	ATG	TGA	0	0	
mORF_-_1827704	1827704	1827709	-	6	6	GTG	TGA	0	0	
mORF_-_1827728	1827728	1827739	-	6	12	GTG	TAA	0	0	
mORF_-_1827742	1827742	1827825	-	5	84	ATG	TAA	0	0	
mORF_-_1827755	1827755	1828789	-	6	1035	ATG	TGA	1	2	pORF_-_1827755
mORF_-_1827847	1827847	1828032	-	5	186	TTG	TGA	1	3	pORF_-_1827847
mORF_-_1828005	1828005	1828010	-	4	6	GTG	TGA	0	0	
mORF_-_1828171	1828171	1828290	-	5	120	TTG	TGA	0	0	
mORF_-_1828291	1828291	1828485	-	5	195	ATG	TGA	0	0	
mORF_-_1828323	1828323	1828424	-	4	102	GTG	TAA	0	0	
mORF_-_1828543	1828543	1828695	-	5	153	ATG	TGA	0	0	
mORF_-_1828560	1828560	1828571	-	4	12	TTG	TGA	0	0	
mORF_-_1828711	1828711	1828737	-	5	27	TTG	TGA	0	0	
mORF_-_1828744	1828744	1828770	-	5	27	TTG	TGA	0	0	
mORF_-_1828767	1828767	1828829	-	4	63	TTG	TGA	0	0	
mORF_-_1828786	1828786	1830006	-	5	1221	ATG	TGA	17	75	pORF_-_1828786
mORF_-_1828802	1828802	1828819	-	6	18	TTG	TAG	0	0	
mORF_-_1828848	1828848	1828907	-	4	60	TTG	TGA	0	0	
mORF_-_1828917	1828917	1828976	-	4	60	ATG	TGA	0	0	
mORF_-_1828977	1828977	1828991	-	4	15	TTG	TGA	0	0	
mORF_-_1829001	1829001	1829183	-	4	183	TTG	TAG	0	0	
mORF_-_1829153	1829153	1829203	-	6	51	GTG	TAA	0	0	
mORF_-_1829190	1829190	1829225	-	4	36	GTG	TGA	0	0	
mORF_-_1829277	1829277	1829342	-	4	66	TTG	TGA	0	0	
mORF_-_1829346	1829346	1829444	-	4	99	TTG	TGA	0	0	
mORF_-_1829366	1829366	1829371	-	6	6	GTG	TAA	0	0	
mORF_-_1829445	1829445	1829468	-	4	24	TTG	TGA	0	0	
mORF_-_1829469	1829469	1829600	-	4	132	ATG	TGA	0	0	
mORF_-_1829667	1829667	1829723	-	4	57	TTG	TAA	0	0	
mORF_-_1829699	1829699	1829704	-	6	6	TTG	TAA	0	0	
mORF_-_1829814	1829814	1829843	-	4	30	ATG	TGA	0	0	
mORF_-_1829822	1829822	1829971	-	6	150	ATG	TGA	0	0	
mORF_-_1829856	1829856	1829927	-	4	72	GTG	TGA	0	0	
mORF_-_1829964	1829964	1829987	-	4	24	GTG	TGA	0	0	
mORF_-_1830036	1830036	1830113	-	4	78	ATG	TAA	0	0	
mORF_-_1830126	1830126	1830176	-	4	51	ATG	TAG	0	0	
mORF_-_1830137	1830137	1830154	-	6	18	TTG	TGA	0	0	

mORF_-_1830145	1830145	1830165	-	5	21	ATG	TAA	0	0
mORF_-_1830166	1830166	1830228	-	5	63	TTG	TAA	0	0
mORF_-_1830231	1830231	1830269	-	4	39	ATG	TAA	0	0
mORF_-_1830266	1830266	1830364	-	6	99	ATG	TGA	0	0
mORF_-_1830279	1830279	1830320	-	4	42	TTG	TAA	0	0
mORF_-_1830289	1830289	1830360	-	5	72	TTG	TAA	0	0
mORF_-_1830354	1830354	1830416	-	4	63	ATG	TAA	0	0
mORF_-_1830368	1830368	1830376	-	6	9	GTG	TGA	0	0
mORF_-_1830373	1830373	1830477	-	5	105	TTG	TGA	0	0
mORF_-_1830377	1830377	1830397	-	6	21	TTG	TAA	0	0
mORF_-_1830410	1830410	1830424	-	6	15	GTG	TAG	0	0
mORF_-_1830428	1830428	1830637	-	6	210	ATG	TAA	0	0
mORF_-_1830474	1830474	1830557	-	4	84	TTG	TGA	0	0
mORF_-_1830496	1830496	1830513	-	5	18	ATG	TGA	0	0
mORF_-_1830604	1830604	1830609	-	5	6	TTG	TAG	0	0
mORF_-_1830637	1830637	1830771	-	5	135	TTG	TAA	0	0
mORF_-_1830726	1830726	1830746	-	4	21	GTG	TAA	0	0
mORF_-_1830743	1830743	1831066	-	6	324	TTG	TGA	0	0
mORF_-_1830768	1830768	1830824	-	4	57	TTG	TGA	0	0
mORF_-_1830853	1830853	1830939	-	5	87	ATG	TAG	0	0
mORF_-_1830918	1830918	1831103	-	4	186	TTG	TAG	0	0
mORF_-_1831093	1831093	1831188	-	5	96	ATG	TAA	0	0
mORF_-_1831100	1831100	1831228	-	6	129	GTG	TGA	0	0
mORF_-_1831192	1831192	1831209	-	5	18	ATG	TAG	0	0
mORF_-_1831260	1831260	1831280	-	4	21	TTG	TAA	0	0
mORF_-_1831277	1831277	1831318	-	6	42	TTG	TGA	0	0
mORF_-_1831323	1831323	1831490	-	4	168	GTG	TGA	0	0
mORF_-_1831373	1831373	1831477	-	6	105	ATG	TAA	0	0
mORF_-_1831478	1831478	1831543	-	6	66	ATG	TAA	0	0
mORF_-_1831513	1831513	1831539	-	5	27	GTG	TGA	0	0
mORF_-_1831521	1831521	1831529	-	4	9	GTG	TAA	0	0
mORF_-_1831574	1831574	1831798	-	6	225	ATG	TAG	0	0
mORF_-_1831591	1831591	1831713	-	5	123	ATG	TGA	0	0
mORF_-_1831743	1831743	1831766	-	4	24	ATG	TAA	0	0
mORF_-_1831822	1831822	1831890	-	5	69	TTG	TAA	0	0
mORF_-_1831836	1831836	1831865	-	4	30	TTG	TAA	0	0
mORF_-_1831853	1831853	1831858	-	6	6	TTG	TAA	0	0
mORF_-_1831874	1831874	1831888	-	6	15	GTG	TAA	0	0
mORF_-_1831904	1831904	1831927	-	6	24	GTG	TAA	0	0
mORF_-_1831912	1831912	1831923	-	5	12	GTG	TAA	0	0
mORF_-_1831945	1831945	1831965	-	5	21	TTG	TAA	0	0
mORF_-_1831949	1831949	1831987	-	6	39	ATG	TAA	0	0
mORF_-_1832004	1832004	1832117	-	4	114	GTG	TAA	0	0
mORF_-_1832035	1832035	1832109	-	5	75	GTG	TAA	0	0
mORF_-_1832060	1832060	1832074	-	6	15	TTG	TAG	0	0
mORF_-_1832110	1832110	1832151	-	5	42	ATG	TAA	0	0
mORF_-_1832114	1832114	1832185	-	6	72	GTG	TGA	0	0
mORF_-_1832191	1832191	1832544	-	5	354	TTG	TAA	0	0
mORF_-_1832210	1832210	1832245	-	6	36	TTG	TAA	0	0
mORF_-_1832223	1832223	1832354	-	4	132	GTG	TGA	0	0
mORF_-_1832358	1832358	1832387	-	4	30	TTG	TGA	0	0
mORF_-_1832405	1832405	1832431	-	6	27	ATG	TAA	0	0
mORF_-_1832433	1832433	1832477	-	4	45	ATG	TAA	0	0
mORF_-_1832502	1832502	1832711	-	4	210	GTG	TGA	0	0
mORF_-_1832534	1832534	1832554	-	6	21	TTG	TGA	0	0
mORF_-_1832693	1832693	1832707	-	6	15	ATG	TGA	0	0
mORF_-_1832712	1832712	1832978	-	4	267	TTG	TAA	0	0
mORF_-_1832747	1832747	1832791	-	6	45	TTG	TGA	0	0
mORF_-_1832864	1832864	1832944	-	6	81	TTG	TAG	0	0
mORF_-_1832896	1832896	1832910	-	5	15	ATG	TAG	0	0
mORF_-_1832995	1832995	1833066	-	5	72	GTG	TAA	0	0
mORF_-_1833005	1833005	1833256	-	6	252	GTG	TAA	0	0
mORF_-_1833213	1833213	1833272	-	4	60	GTG	TAA	0	0

mORF_-_1833253	1833253	1833318	-	5	66	TTG	TGA	0	0
mORF_-_1833260	1833260	1833277	-	6	18	ATG	TAG	0	0
mORF_-_1833319	1833319	1833345	-	5	27	TTG	TGA	0	0
mORF_-_1833323	1833323	1833373	-	6	51	GTG	TAG	0	0
mORF_-_1833364	1833364	1833396	-	5	33	TTG	TAA	0	0
mORF_-_1833404	1833404	1833454	-	6	51	GTG	TAA	0	0
mORF_-_1833493	1833493	1833561	-	5	69	TTG	TAA	0	0
mORF_-_1833555	1833555	1833584	-	4	30	GTG	TAA	0	0
mORF_-_1833575	1833575	1833607	-	6	33	ATG	TAA	0	0
mORF_-_1833607	1833607	1833630	-	5	24	ATG	TAA	0	0
mORF_-_1833654	1833654	1833707	-	4	54	GTG	TAA	0	0
mORF_-_1833661	1833661	1833810	-	5	150	GTG	TAA	0	0
mORF_-_1833704	1833704	1834009	-	6	306	TTG	TGA	0	0
mORF_-_1833864	1833864	1833923	-	4	60	TTG	TAA	0	0
mORF_-_1833970	1833970	1834044	-	5	75	ATG	TGA	0	0
mORF_-_1833978	1833978	1833995	-	4	18	ATG	TGA	0	0
mORF_-_1834016	1834016	1834105	-	6	90	ATG	TGA	0	0
mORF_-_1834026	1834026	1834151	-	4	126	GTG	TAA	0	0
mORF_-_1834084	1834084	1834188	-	5	105	TTG	TAA	0	0
mORF_-_1834127	1834127	1834276	-	6	150	ATG	TAA	0	0
mORF_-_1834206	1834206	1834232	-	4	27	TTG	TAA	0	0
mORF_-_1834276	1834276	1834335	-	5	60	ATG	TAA	0	0
mORF_-_1834281	1834281	1834550	-	4	270	GTG	TAG	0	0
mORF_-_1834336	1834336	1834464	-	5	129	TTG	TGA	0	0
mORF_-_1834433	1834433	1834606	-	6	174	TTG	TAA	0	0
mORF_-_1834471	1834471	1834641	-	5	171	GTG	TAG	0	0
mORF_-_1834578	1834578	1834595	-	4	18	GTG	TAA	0	0
mORF_-_1834644	1834644	1834661	-	4	18	GTG	TAA	0	0
mORF_-_1834648	1834648	1834875	-	5	228	GTG	TAG	0	0
mORF_-_1834701	1834701	1834727	-	4	27	ATG	TAA	0	0
mORF_-_1834727	1834727	1834801	-	6	75	ATG	TAA	0	0
mORF_-_1834764	1834764	1834877	-	4	114	ATG	TGA	0	0
mORF_-_1834838	1834838	1834993	-	6	156	ATG	TGA	0	0
mORF_-_1834896	1834896	1834946	-	4	51	TTG	TAA	0	0
mORF_-_1834951	1834951	1835049	-	5	99	TTG	TAA	0	0
mORF_-_1834998	1834998	1835165	-	4	168	TTG	TGA	0	0
mORF_-_1835060	1835060	1835128	-	6	69	TTG	TGA	0	0
mORF_-_1835153	1835153	1835161	-	6	9	TTG	TGA	0	0
mORF_-_1835162	1835162	1835233	-	6	72	TTG	TGA	0	0
mORF_-_1835240	1835240	1835302	-	6	63	GTG	TAG	0	0
mORF_-_1835260	1835260	1835355	-	5	96	GTG	TAA	0	0
mORF_-_1835295	1835295	1835549	-	4	255	GTG	TAA	0	0
mORF_-_1835321	1835321	1835440	-	6	120	ATG	TGA	0	0
mORF_-_1835395	1835395	1835535	-	5	141	ATG	TAA	0	0
mORF_-_1835592	1835592	1835729	-	4	138	ATG	TAG	0	0
mORF_-_1835606	1835606	1835617	-	6	12	TTG	TGA	0	0
mORF_-_1835645	1835645	1835671	-	6	27	ATG	TGA	0	0
mORF_-_1835686	1835686	1835763	-	5	78	TTG	TAA	0	0
mORF_-_1835726	1835726	1835860	-	6	135	TTG	TGA	0	0
mORF_-_1835748	1835748	1835930	-	4	183	ATG	TAG	0	0
mORF_-_1835900	1835900	1835944	-	6	45	TTG	TAA	0	0
mORF_-_1835914	1835914	1835940	-	5	27	TTG	TAA	0	0
mORF_-_1836003	1836003	1836086	-	4	84	TTG	TAG	0	0
mORF_-_1836153	1836153	1836491	-	4	339	TTG	TGA	0	0
mORF_-_1836182	1836182	1836214	-	6	33	ATG	TGA	0	0
mORF_-_1836215	1836215	1836310	-	6	96	GTG	TGA	0	0
mORF_-_1836337	1836337	1836423	-	5	87	TTG	TAG	0	0
mORF_-_1836413	1836413	1836517	-	6	105	GTG	TAA	0	0
mORF_-_1836451	1836451	1836468	-	5	18	TTG	TAA	0	0
mORF_-_1836501	1836501	1836659	-	4	159	TTG	TAA	0	0
mORF_-_1836518	1836518	1836586	-	6	69	TTG	TGA	0	0
mORF_-_1836620	1836620	1836640	-	6	21	ATG	TGA	0	0
mORF_-_1836682	1836682	1836690	-	5	9	TTG	TAA	0	0

mORF_-_1836707	1836707	1836736	-	6	30	TTG	TAA	0	0
mORF_-_1836727	1836727	1836825	-	5	99	TTG	TAA	0	0
mORF_-_1836752	1836752	1836988	-	6	237	GTG	TGA	0	0
mORF_-_1836859	1836859	1836921	-	5	63	GTG	TGA	0	0
mORF_-_1836951	1836951	1836968	-	4	18	TTG	TAG	0	0
mORF_-_1836958	1836958	1837026	-	5	69	GTG	TGA	0	0
mORF_-_1836998	1836998	1837009	-	6	12	ATG	TGA	0	0
mORF_-_1837029	1837029	1837055	-	4	27	TTG	TAA	0	0
mORF_-_1837042	1837042	1837083	-	5	42	GTG	TGA	0	0
mORF_-_1837084	1837084	1837251	-	5	168	ATG	TAA	0	0
mORF_-_1837131	1837131	1837154	-	4	24	ATG	TGA	0	0
mORF_-_1837154	1837154	1837168	-	6	15	GTG	TGA	0	0
mORF_-_1837203	1837203	1837223	-	4	21	TTG	TAG	0	0
mORF_-_1837233	1837233	1837346	-	4	114	GTG	TAA	0	0
mORF_-_1837406	1837406	1837441	-	6	36	TTG	TAA	0	0
mORF_-_1837438	1837438	1837464	-	5	27	GTG	TGA	0	0
mORF_-_1837446	1837446	1837508	-	4	63	TTG	TGA	0	0
mORF_-_1837451	1837451	1837468	-	6	18	TTG	TGA	0	0
mORF_-_1837471	1837471	1837524	-	5	54	TTG	TAG	0	0
mORF_-_1837530	1837530	1837658	-	4	129	TTG	TAA	0	0
mORF_-_1837579	1837579	1837656	-	5	78	GTG	TAA	0	0
mORF_-_1837595	1837595	1837612	-	6	18	TTG	TGA	0	0
mORF_-_1837662	1837662	1837682	-	4	21	ATG	TAA	0	0
mORF_-_1837679	1837679	1837864	-	6	186	ATG	TGA	0	0
mORF_-_1837695	1837695	1837838	-	4	144	TTG	TAA	0	0
mORF_-_1837848	1837848	1837856	-	4	9	ATG	TAA	0	0
mORF_-_1837878	1837878	1838120	-	4	243	TTG	TAG	0	0
mORF_-_1837928	1837928	1838002	-	6	75	ATG	TAA	0	0
mORF_-_1838038	1838038	1838139	-	5	102	TTG	TGA	0	0
mORF_-_1838060	1838060	1838170	-	6	111	ATG	TAG	0	0
mORF_-_1838121	1838121	1838630	-	4	510	TTG	TAG	0	0
mORF_-_1838215	1838215	1838415	-	5	201	ATG	TAA	0	0
mORF_-_1838222	1838222	1838428	-	6	207	ATG	TAA	0	0
mORF_-_1838476	1838476	1838505	-	5	30	GTG	TAA	0	0
mORF_-_1838549	1838549	1838617	-	6	69	TTG	TGA	0	0
mORF_-_1838614	1838614	1838637	-	5	24	ATG	TGA	0	0
mORF_-_1838634	1838634	1838927	-	4	294	ATG	TGA	0	0
mORF_-_1838639	1838639	1838806	-	6	168	TTG	TAG	0	0
mORF_-_1838674	1838674	1838766	-	5	93	TTG	TAA	0	0
mORF_-_1838807	1838807	1839433	-	6	627	GTG	TAA	0	0
mORF_-_1838833	1838833	1838844	-	5	12	GTG	TGA	0	0
mORF_-_1838866	1838866	1838937	-	5	72	TTG	TGA	0	0
mORF_-_1838965	1838965	1839237	-	5	273	TTG	TAA	0	0
mORF_-_1839262	1839262	1839321	-	5	60	TTG	TAG	0	0
mORF_-_1839334	1839334	1839366	-	5	33	TTG	TAA	0	0
mORF_-_1839363	1839363	1839380	-	4	18	GTG	TGA	0	0
mORF_-_1839421	1839421	1839465	-	5	45	TTG	TAG	0	0
mORF_-_1839477	1839477	1839560	-	4	84	TTG	TAA	0	0
mORF_-_1839542	1839542	1839697	-	6	156	TTG	TGA	0	0
mORF_-_1839565	1839565	1839576	-	5	12	TTG	TAA	0	0
mORF_-_1839645	1839645	1839689	-	4	45	ATG	TGA	0	0
mORF_-_1839670	1839670	1839783	-	5	114	GTG	TAA	0	0
mORF_-_1839746	1839746	1839874	-	6	129	ATG	TAA	0	0
mORF_-_1839790	1839790	1839807	-	5	18	ATG	TAA	0	0
mORF_-_1839807	1839807	1839869	-	4	63	ATG	TGA	0	0
mORF_-_1839826	1839826	1839846	-	5	21	TTG	TGA	0	0
mORF_-_1839887	1839887	1840159	-	6	273	GTG	TAA	0	0
mORF_-_1839895	1839895	1839942	-	5	48	GTG	TAA	0	0
mORF_-_1839939	1839939	1839950	-	4	12	ATG	TGA	0	0
mORF_-_1839987	1839987	1840019	-	4	33	GTG	TGA	0	0
mORF_-_1840075	1840075	1840116	-	5	42	TTG	TAA	0	0
mORF_-_1840188	1840188	1840343	-	4	156	ATG	TAG	0	0
mORF_-_1840231	1840231	1840239	-	5	9	ATG	TAA	0	0

mORF_-_1840244	1840244	1840363	-	6	120	GTG	TAA	0	0	
mORF_-_1840303	1840303	1840365	-	5	63	TTG	TGA	0	0	
mORF_-_1840393	1840393	1840422	-	5	30	ATG	TAG	0	0	
mORF_-_1840400	1840400	1840429	-	6	30	TTG	TGA	0	0	
mORF_-_1840419	1840419	1840517	-	4	99	TTG	TGA	0	0	
mORF_-_1840426	1840426	1840542	-	5	117	ATG	TGA	0	0	
mORF_-_1840454	1840454	1840978	-	6	525	GTG	TGA	0	0	
mORF_-_1840542	1840542	1840688	-	4	147	ATG	TAA	0	0	
mORF_-_1840621	1840621	1840632	-	5	12	ATG	TGA	0	0	
mORF_-_1840692	1840692	1840865	-	4	174	GTG	TGA	0	0	
mORF_-_1840975	1840975	1840995	-	5	21	ATG	TGA	0	0	
mORF_-_1841042	1841042	1841251	-	6	210	TTG	TAA	0	0	
mORF_-_1841047	1841047	1841058	-	5	12	TTG	TGA	0	0	
mORF_-_1841061	1841061	1841072	-	4	12	GTG	TAG	0	0	
mORF_-_1841178	1841178	1841318	-	4	141	TTG	TGA	0	0	
mORF_-_1841215	1841215	1841235	-	5	21	GTG	TGA	0	0	
mORF_-_1841279	1841279	1841287	-	6	9	TTG	TAA	0	0	
mORF_-_1841303	1841303	1841362	-	6	60	GTG	TAG	0	0	
mORF_-_1841331	1841331	1841393	-	4	63	ATG	TAG	0	0	
mORF_-_1841393	1841393	1841452	-	6	60	ATG	TGA	0	0	
mORF_-_1841413	1841413	1841496	-	5	84	GTG	TAA	0	0	
mORF_-_1841487	1841487	1841789	-	4	303	TTG	TAG	0	0	
mORF_-_1841527	1841527	1841595	-	5	69	GTG	TAG	0	0	
mORF_-_1841603	1841603	1841665	-	6	63	TTG	TGA	0	0	
mORF_-_1841608	1841608	1841787	-	5	180	GTG	TGA	0	0	
mORF_-_1841666	1841666	1841686	-	6	21	ATG	TAG	0	0	
mORF_-_1841774	1841774	1841794	-	6	21	ATG	TAG	0	0	
mORF_-_1841800	1841800	1841892	-	5	93	ATG	TAA	0	0	
mORF_-_1841807	1841807	1841842	-	6	36	TTG	TAG	0	0	
mORF_-_1841855	1841855	1843018	-	6	1164	GTG	TAA	0	0	
mORF_-_1841865	1841865	1841912	-	4	48	ATG	TAA	0	0	
mORF_-_1841896	1841896	1841973	-	5	78	ATG	TAA	0	0	
mORF_-_1841916	1841916	1841957	-	4	42	GTG	TAA	0	0	
mORF_-_1841977	1841977	1842084	-	5	108	TTG	TAA	0	0	
mORF_-_1842088	1842088	1842117	-	5	30	TTG	TAA	0	0	
mORF_-_1842114	1842114	1842179	-	4	66	ATG	TGA	0	0	
mORF_-_1842181	1842181	1842252	-	5	72	TTG	TAA	0	0	
mORF_-_1842213	1842213	1842221	-	4	9	TTG	TAA	0	0	
mORF_-_1842259	1842259	1842321	-	5	63	ATG	TGA	0	0	
mORF_-_1842303	1842303	1842356	-	4	54	TTG	TAA	0	0	
mORF_-_1842346	1842346	1842354	-	5	9	GTG	TAA	0	0	
mORF_-_1842366	1842366	1842383	-	4	18	ATG	TAG	0	0	
mORF_-_1842412	1842412	1842444	-	5	33	ATG	TAA	0	0	
mORF_-_1842501	1842501	1842509	-	4	9	ATG	TGA	0	0	
mORF_-_1842538	1842538	1842639	-	5	102	TTG	TGA	0	0	
mORF_-_1842621	1842621	1842677	-	4	57	ATG	TAA	0	0	
mORF_-_1842688	1842688	1842702	-	5	15	ATG	TGA	0	0	
mORF_-_1842699	1842699	1842773	-	4	75	GTG	TGA	0	0	
mORF_-_1842718	1842718	1842735	-	5	18	TTG	TAA	0	0	
mORF_-_1842739	1842739	1842753	-	5	15	GTG	TAA	0	0	
mORF_-_1842774	1842774	1842779	-	4	6	TTG	TAA	0	0	
mORF_-_1842805	1842805	1842843	-	5	39	ATG	TGA	0	0	
mORF_-_1842843	1842843	1843007	-	4	165	GTG	TAA	0	0	
mORF_-_1842895	1842895	1842900	-	5	6	ATG	TGA	0	0	
mORF_-_1842910	1842910	1842915	-	5	6	ATG	TAA	0	0	
mORF_-_1842934	1842934	1842945	-	5	12	TTG	TAA	0	0	
mORF_-_1843023	1843023	1845041	-	4	2019	TTG	TAA	5	11	pORF_-_1843023
mORF_-_1843028	1843028	1843177	-	6	150	TTG	TAG	0	0	
mORF_-_1843174	1843174	1843230	-	5	57	GTG	TGA	0	0	
mORF_-_1843361	1843361	1843435	-	6	75	GTG	TGA	0	0	
mORF_-_1843448	1843448	1843468	-	6	21	TTG	TGA	0	0	
mORF_-_1843484	1843484	1843507	-	6	24	ATG	TGA	0	0	
mORF_-_1843541	1843541	1843618	-	6	78	ATG	TAG	0	0	

mORF_-_1843558	1843558	1843563	-	5	6	GTG	TGA	0	0	
mORF_-_1843634	1843634	1843735	-	6	102	ATG	TAG	0	0	
mORF_-_1843675	1843675	1843719	-	5	45	GTG	TAA	0	0	
mORF_-_1843751	1843751	1843768	-	6	18	TTG	TGA	0	0	
mORF_-_1843799	1843799	1843864	-	6	66	ATG	TGA	0	0	
mORF_-_1843861	1843861	1843989	-	5	129	TTG	TGA	0	0	
mORF_-_1843892	1843892	1843939	-	6	48	ATG	TAG	0	0	
mORF_-_1843943	1843943	1843963	-	6	21	TTG	TGA	0	0	
mORF_-_1844009	1844009	1844062	-	6	54	GTG	TAA	0	0	
mORF_-_1844063	1844063	1844287	-	6	225	ATG	TGA	0	0	
mORF_-_1844245	1844245	1844250	-	5	6	GTG	TGA	0	0	
mORF_-_1844297	1844297	1844452	-	6	156	GTG	TGA	0	0	
mORF_-_1844353	1844353	1844511	-	5	159	GTG	TGA	0	0	
mORF_-_1844456	1844456	1844560	-	6	105	TTG	TGA	0	0	
mORF_-_1844557	1844557	1844592	-	5	36	TTG	TGA	0	0	
mORF_-_1844585	1844585	1844707	-	6	123	ATG	TGA	0	0	
mORF_-_1844728	1844728	1844769	-	5	42	GTG	TAA	0	0	
mORF_-_1844741	1844741	1844848	-	6	108	TTG	TGA	0	0	
mORF_-_1844845	1844845	1844865	-	5	21	GTG	TGA	0	0	
mORF_-_1844870	1844870	1844971	-	6	102	TTG	TGA	0	0	
mORF_-_1844884	1844884	1844892	-	5	9	GTG	TAA	0	0	
mORF_-_1844989	1844989	1846038	-	5	1050	ATG	TAA	51	670	pORF_-_1844989
mORF_-_1845048	1845048	1845176	-	4	129	GTG	TGA	0	0	
mORF_-_1845140	1845140	1845145	-	6	6	GTG	TGA	0	0	
mORF_-_1845180	1845180	1845299	-	4	120	GTG	TGA	0	0	
mORF_-_1845275	1845275	1845415	-	6	141	GTG	TGA	0	0	
mORF_-_1845321	1845321	1845341	-	4	21	TTG	TGA	0	0	
mORF_-_1845366	1845366	1845386	-	4	21	TTG	TAA	0	0	
mORF_-_1845467	1845467	1845649	-	6	183	ATG	TGA	0	0	
mORF_-_1845573	1845573	1845662	-	4	90	GTG	TAA	0	0	
mORF_-_1845669	1845669	1845938	-	4	270	GTG	TGA	0	0	
mORF_-_1845974	1845974	1846123	-	6	150	GTG	TAA	0	0	
mORF_-_1846045	1846045	1846074	-	5	30	ATG	TGA	0	0	
mORF_-_1846071	1846071	1846145	-	4	75	TTG	TGA	0	0	
mORF_-_1846120	1846120	1846125	-	5	6	TTG	TGA	0	0	
mORF_-_1846149	1846149	1846700	-	4	552	ATG	TGA	26	697	pORF_-_1846149
mORF_-_1846160	1846160	1846165	-	6	6	TTG	TAA	0	0	
mORF_-_1846205	1846205	1846273	-	6	69	GTG	TGA	0	0	
mORF_-_1846252	1846252	1846260	-	5	9	TTG	TGA	0	0	
mORF_-_1846288	1846288	1846365	-	5	78	ATG	TGA	0	0	
mORF_-_1846292	1846292	1846552	-	6	261	TTG	TAA	0	0	
mORF_-_1846399	1846399	1846416	-	5	18	ATG	TAA	0	0	
mORF_-_1846549	1846549	1846569	-	5	21	GTG	TGA	0	0	
mORF_-_1846553	1846553	1846633	-	6	81	GTG	TGA	0	0	
mORF_-_1846679	1846679	1846696	-	6	18	ATG	TGA	0	0	
mORF_-_1846705	1846705	1846815	-	5	111	GTG	TAA	0	0	
mORF_-_1846728	1846728	1846787	-	4	60	TTG	TGA	0	0	
mORF_-_1846757	1846757	1846774	-	6	18	TTG	TAA	0	0	
mORF_-_1846803	1846803	1846817	-	4	15	ATG	TAA	0	0	
mORF_-_1846818	1846818	1847048	-	4	231	ATG	TAG	0	0	
mORF_-_1846994	1846994	1847035	-	6	42	GTG	TGA	0	0	
mORF_-_1847082	1847082	1847267	-	4	186	TTG	TGA	0	0	
mORF_-_1847090	1847090	1847149	-	6	60	GTG	TAA	0	0	
mORF_-_1847146	1847146	1847463	-	5	318	ATG	TGA	0	0	
mORF_-_1847340	1847340	1847414	-	4	75	TTG	TAA	0	0	
mORF_-_1847424	1847424	1847459	-	4	36	GTG	TAG	0	0	
mORF_-_1847504	1847504	1847524	-	6	21	GTG	TAA	0	0	
mORF_-_1847521	1847521	1847637	-	5	117	TTG	TGA	0	0	
mORF_-_1847574	1847574	1847750	-	4	177	TTG	TAG	0	0	
mORF_-_1847594	1847594	1847743	-	6	150	GTG	TAG	0	0	
mORF_-_1847653	1847653	1848213	-	5	561	ATG	TAA	0	0	
mORF_-_1847781	1847781	1847792	-	4	12	ATG	TAA	0	0	
mORF_-_1847792	1847792	1847812	-	6	21	ATG	TGA	0	0	

mORF_-_1847805	1847805	1847843	-	4	39	ATG	TAA	0	0	
mORF_-_1847858	1847858	1847869	-	6	12	TTG	TAG	0	0	
mORF_-_1847870	1847870	1847923	-	6	54	GTG	TAA	0	0	
mORF_-_1847889	1847889	1848077	-	4	189	ATG	TGA	0	0	
mORF_-_1847996	1847996	1848085	-	6	90	ATG	TAA	0	0	
mORF_-_1848093	1848093	1848107	-	4	15	GTG	TAA	0	0	
mORF_-_1848117	1848117	1848179	-	4	63	GTG	TAA	0	0	
mORF_-_1848173	1848173	1848235	-	6	63	GTG	TGA	0	0	
mORF_-_1848210	1848210	1848302	-	4	93	ATG	TGA	0	0	
mORF_-_1848254	1848254	1848265	-	6	12	GTG	TGA	0	0	
mORF_-_1848295	1848295	1848498	-	5	204	ATG	TAA	0	0	
mORF_-_1848312	1848312	1848329	-	4	18	GTG	TAG	0	0	
mORF_-_1848326	1848326	1848412	-	6	87	TTG	TGA	0	0	
mORF_-_1848402	1848402	1848464	-	4	63	TTG	TGA	0	0	
mORF_-_1848416	1848416	1848607	-	6	192	GTG	TAG	0	0	
mORF_-_1848507	1848507	1848650	-	4	144	TTG	TAA	1	3	pORF_-_1848507
mORF_-_1848598	1848598	1848675	-	5	78	TTG	TAA	0	0	
mORF_-_1848662	1848662	1848754	-	6	93	ATG	TAA	0	0	
mORF_-_1848681	1848681	1848710	-	4	30	ATG	TAA	0	0	
mORF_-_1848714	1848714	1848752	-	4	39	GTG	TAA	0	0	
mORF_-_1848754	1848754	1848798	-	5	45	ATG	TAA	0	0	
mORF_-_1848761	1848761	1848814	-	6	54	ATG	TAA	0	0	
mORF_-_1848805	1848805	1848870	-	5	66	ATG	TAA	0	0	
mORF_-_1848819	1848819	1848842	-	4	24	GTG	TGA	0	0	
mORF_-_1848839	1848839	1848889	-	6	51	TTG	TGA	0	0	
mORF_-_1848871	1848871	1848885	-	5	15	ATG	TGA	0	0	
mORF_-_1848882	1848882	1848899	-	4	18	TTG	TGA	0	0	
mORF_-_1848910	1848910	1848927	-	5	18	ATG	TAG	0	0	
mORF_-_1848965	1848965	1848973	-	6	9	ATG	TGA	0	0	
mORF_-_1848970	1848970	1849035	-	5	66	ATG	TGA	0	0	
mORF_-_1848974	1848974	1849039	-	6	66	ATG	TAG	0	0	
mORF_-_1849064	1849064	1849150	-	6	87	GTG	TGA	0	0	
mORF_-_1849126	1849126	1849221	-	5	96	ATG	TAG	1	2	pORF_-_1849126
mORF_-_1849218	1849218	1849235	-	4	18	GTG	TGA	0	0	
mORF_-_1849232	1849232	1849237	-	6	6	TTG	TGA	0	0	
mORF_-_1849253	1849253	1849378	-	6	126	ATG	TAA	0	0	
mORF_-_1849306	1849306	1849371	-	5	66	TTG	TAA	0	0	
mORF_-_1849365	1849365	1849502	-	4	138	TTG	TAG	0	0	
mORF_-_1849421	1849421	1849474	-	6	54	GTG	TAA	0	0	
mORF_-_1849487	1849487	1849630	-	6	144	TTG	TAA	0	0	
mORF_-_1849495	1849495	1849506	-	5	12	GTG	TGA	0	0	
mORF_-_1849503	1849503	1849628	-	4	126	GTG	TGA	0	0	
mORF_-_1849534	1849534	1849566	-	5	33	TTG	TAA	0	0	
mORF_-_1849606	1849606	1849722	-	5	117	ATG	TAG	0	0	
mORF_-_1849652	1849652	1849756	-	6	105	ATG	TAA	0	0	
mORF_-_1849686	1849686	1849697	-	4	12	GTG	TGA	0	0	
mORF_-_1849729	1849729	1849806	-	5	78	TTG	TAA	0	0	
mORF_-_1849799	1849799	1849867	-	6	69	TTG	TAG	0	0	
mORF_-_1849813	1849813	1849860	-	5	48	ATG	TAA	0	0	
mORF_-_1849941	1849941	1850195	-	4	255	TTG	TAA	0	0	
mORF_-_1850050	1850050	1850193	-	5	144	GTG	TAA	0	0	
mORF_-_1850196	1850196	1850201	-	4	6	ATG	TAA	0	0	
mORF_-_1850205	1850205	1850240	-	4	36	ATG	TAA	0	0	
mORF_-_1850322	1850322	1850333	-	4	12	ATG	TAA	0	0	
mORF_-_1850409	1850409	1850480	-	4	72	GTG	TAA	0	0	
mORF_-_1850485	1850485	1850544	-	5	60	GTG	TAA	0	0	
mORF_-_1850555	1850555	1850623	-	6	69	TTG	TAA	0	0	
mORF_-_1850565	1850565	1850636	-	4	72	TTG	TAG	0	0	
mORF_-_1850605	1850605	1850616	-	5	12	ATG	TGA	0	0	
mORF_-_1850645	1850645	1852003	-	6	1359	ATG	TAA	0	0	
mORF_-_1850650	1850650	1850766	-	5	117	ATG	TGA	0	0	
mORF_-_1850773	1850773	1850907	-	5	135	ATG	TAA	0	0	
mORF_-_1850829	1850829	1850957	-	4	129	GTG	TAA	0	0	

mORF_-_1850929	1850929	1850940	-	5	12	ATG	TGA	0	0	
mORF_-_1850986	1850986	1851045	-	5	60	TTG	TAG	0	0	
mORF_-_1851049	1851049	1851060	-	5	12	TTG	TAA	0	0	
mORF_-_1851070	1851070	1851084	-	5	15	TTG	TAG	0	0	
mORF_-_1851103	1851103	1851141	-	5	39	TTG	TAA	0	0	
mORF_-_1851135	1851135	1851158	-	4	24	ATG	TAA	0	0	
mORF_-_1851184	1851184	1851192	-	5	9	TTG	TGA	0	0	
mORF_-_1851211	1851211	1851234	-	5	24	GTG	TAG	0	0	
mORF_-_1851265	1851265	1851333	-	5	69	TTG	TAA	0	0	
mORF_-_1851343	1851343	1851369	-	5	27	GTG	TAG	0	0	
mORF_-_1851348	1851348	1851398	-	4	51	ATG	TGA	0	0	
mORF_-_1851420	1851420	1851482	-	4	63	TTG	TAA	0	0	
mORF_-_1851439	1851439	1851459	-	5	21	GTG	TAG	0	0	
mORF_-_1851508	1851508	1851615	-	5	108	TTG	TAG	0	0	
mORF_-_1851537	1851537	1851566	-	4	30	ATG	TAA	0	0	
mORF_-_1851646	1851646	1851708	-	5	63	TTG	TGA	0	0	
mORF_-_1851727	1851727	1851801	-	5	75	TTG	TAA	0	0	
mORF_-_1851805	1851805	1851852	-	5	48	ATG	TAA	0	0	
mORF_-_1851837	1851837	1851848	-	4	12	ATG	TAA	0	0	
mORF_-_1851868	1851868	1851879	-	5	12	ATG	TAG	0	0	
mORF_-_1851922	1851922	1851993	-	5	72	ATG	TAA	0	0	
mORF_-_1852021	1852021	1852071	-	5	51	ATG	TAG	0	0	
mORF_-_1852068	1852068	1852094	-	4	27	TTG	TGA	0	0	
mORF_-_1852073	1852073	1852081	-	6	9	TTG	TAA	0	0	
mORF_-_1852078	1852078	1852107	-	5	30	TTG	TGA	0	0	
mORF_-_1852115	1852115	1852126	-	6	12	GTG	TAA	0	0	
mORF_-_1852120	1852120	1852878	-	5	759	GTG	TAA	2	5	pORF_-_1852120
mORF_-_1852139	1852139	1852165	-	6	27	GTG	TAA	0	0	
mORF_-_1852158	1852158	1852172	-	4	15	GTG	TAG	0	0	
mORF_-_1852218	1852218	1852271	-	4	54	TTG	TAG	0	0	
mORF_-_1852290	1852290	1852352	-	4	63	TTG	TGA	0	0	
mORF_-_1852358	1852358	1852363	-	6	6	TTG	TAA	0	0	
mORF_-_1852368	1852368	1852385	-	4	18	ATG	TAA	0	0	
mORF_-_1852443	1852443	1852493	-	4	51	ATG	TAA	0	0	
mORF_-_1852524	1852524	1852532	-	4	9	GTG	TGA	0	0	
mORF_-_1852563	1852563	1852649	-	4	87	ATG	TAA	0	0	
mORF_-_1852704	1852704	1852721	-	4	18	ATG	TAA	0	0	
mORF_-_1852731	1852731	1852760	-	4	30	TTG	TGA	0	0	
mORF_-_1852785	1852785	1852802	-	4	18	GTG	TAA	0	0	
mORF_-_1852818	1852818	1852838	-	4	21	TTG	TGA	0	0	
mORF_-_1852881	1852881	1852886	-	4	6	GTG	TAA	0	0	
mORF_-_1852899	1852899	1852964	-	4	66	GTG	TAA	0	0	
mORF_-_1852904	1852904	1852945	-	6	42	TTG	TGA	0	0	
mORF_-_1852918	1852918	1852926	-	5	9	ATG	TAA	0	0	
mORF_-_1852942	1852942	1852986	-	5	45	GTG	TGA	0	0	
mORF_-_1853015	1853015	1853995	-	6	981	ATG	TAA	1	2	pORF_-_1853015
mORF_-_1853047	1853047	1853064	-	5	18	ATG	TGA	0	0	
mORF_-_1853080	1853080	1853127	-	5	48	GTG	TGA	0	0	
mORF_-_1853140	1853140	1853148	-	5	9	GTG	TAA	0	0	
mORF_-_1853145	1853145	1853219	-	4	75	GTG	TGA	0	0	
mORF_-_1853155	1853155	1853235	-	5	81	TTG	TAA	0	0	
mORF_-_1853242	1853242	1853304	-	5	63	GTG	TGA	0	0	
mORF_-_1853335	1853335	1853481	-	5	147	ATG	TAG	0	0	
mORF_-_1853370	1853370	1853378	-	4	9	ATG	TGA	0	0	
mORF_-_1853524	1853524	1853532	-	5	9	ATG	TAA	0	0	
mORF_-_1853593	1853593	1853616	-	5	24	TTG	TGA	0	0	
mORF_-_1853641	1853641	1853733	-	5	93	TTG	TAG	0	0	
mORF_-_1853676	1853676	1853741	-	4	66	ATG	TAA	0	0	
mORF_-_1853752	1853752	1853766	-	5	15	GTG	TAG	0	0	
mORF_-_1853779	1853779	1853838	-	5	60	TTG	TAA	0	0	
mORF_-_1853839	1853839	1853928	-	5	90	TTG	TGA	0	0	
mORF_-_1853844	1853844	1853855	-	4	12	TTG	TAA	0	0	
mORF_-_1853877	1853877	1854119	-	4	243	ATG	TGA	0	0	

mORF_-_1854005	1854005	1854973	-	6	969	ATG	TAA	1	8	pORF_-_1854005
mORF_-_1854052	1854052	1854069	-	5	18	GTG	TAA	0	0	
mORF_-_1854076	1854076	1854123	-	5	48	GTG	TAA	0	0	
mORF_-_1854139	1854139	1854186	-	5	48	TTG	TAG	0	0	
mORF_-_1854232	1854232	1854243	-	5	12	GTG	TGA	0	0	
mORF_-_1854273	1854273	1854299	-	4	27	GTG	TAA	0	0	
mORF_-_1854289	1854289	1854387	-	5	99	ATG	TAA	0	0	
mORF_-_1854366	1854366	1854404	-	4	39	TTG	TAA	0	0	
mORF_-_1854391	1854391	1854423	-	5	33	ATG	TGA	0	0	
mORF_-_1854439	1854439	1854450	-	5	12	GTG	TGA	0	0	
mORF_-_1854493	1854493	1854585	-	5	93	TTG	TAA	0	0	
mORF_-_1854582	1854582	1854599	-	4	18	GTG	TGA	0	0	
mORF_-_1854589	1854589	1854639	-	5	51	ATG	TGA	0	0	
mORF_-_1854646	1854646	1854657	-	5	12	TTG	TGA	0	0	
mORF_-_1854691	1854691	1854762	-	5	72	TTG	TGA	0	0	
mORF_-_1854705	1854705	1854725	-	4	21	TTG	TGA	0	0	
mORF_-_1854772	1854772	1854816	-	5	45	ATG	TAA	0	0	
mORF_-_1854817	1854817	1854828	-	5	12	GTG	TAA	0	0	
mORF_-_1854838	1854838	1854924	-	5	87	GTG	TGA	0	0	
mORF_-_1854909	1854909	1854932	-	4	24	TTG	TGA	0	0	
mORF_-_1854925	1854925	1854957	-	5	33	ATG	TAG	0	0	
mORF_-_1854957	1854957	1855793	-	4	837	ATG	TAA	0	0	
mORF_-_1855013	1855013	1855033	-	6	21	GTG	TAA	0	0	
mORF_-_1855070	1855070	1855228	-	6	159	TTG	TGA	0	0	
mORF_-_1855232	1855232	1855387	-	6	156	ATG	TGA	0	0	
mORF_-_1855448	1855448	1855489	-	6	42	GTG	TAA	0	0	
mORF_-_1855502	1855502	1855549	-	6	48	ATG	TGA	0	0	
mORF_-_1855522	1855522	1855557	-	5	36	TTG	TAA	0	0	
mORF_-_1855601	1855601	1855651	-	6	51	TTG	TGA	0	0	
mORF_-_1855630	1855630	1855722	-	5	93	ATG	TAA	0	0	
mORF_-_1855703	1855703	1855762	-	6	60	ATG	TGA	0	0	
mORF_-_1855750	1855750	1855773	-	5	24	TTG	TAA	0	0	
mORF_-_1855810	1855810	1855890	-	5	81	ATG	TAA	0	0	
mORF_-_1855814	1855814	1856857	-	6	1044	ATG	TAA	0	0	
mORF_-_1855924	1855924	1856061	-	5	138	TTG	TGA	0	0	
mORF_-_1856083	1856083	1856271	-	5	189	TTG	TAA	0	0	
mORF_-_1856259	1856259	1856324	-	4	66	TTG	TGA	0	0	
mORF_-_1856311	1856311	1856319	-	5	9	TTG	TGA	0	0	
mORF_-_1856341	1856341	1856382	-	5	42	ATG	TAA	0	0	
mORF_-_1856358	1856358	1856471	-	4	114	GTG	TAA	0	0	
mORF_-_1856482	1856482	1856523	-	5	42	TTG	TAA	0	0	
mORF_-_1856538	1856538	1856576	-	4	39	TTG	TAA	0	0	
mORF_-_1856596	1856596	1856754	-	5	159	ATG	TAA	0	0	
mORF_-_1856613	1856613	1856660	-	4	48	ATG	TAA	0	0	
mORF_-_1856718	1856718	1856744	-	4	27	TTG	TGA	0	0	
mORF_-_1856767	1856767	1856778	-	5	12	ATG	TGA	0	0	
mORF_-_1856854	1856854	1856868	-	5	15	GTG	TGA	0	0	
mORF_-_1856874	1856874	1858253	-	4	1380	ATG	TAA	0	0	
mORF_-_1856885	1856885	1856896	-	6	12	TTG	TAG	0	0	
mORF_-_1856900	1856900	1857052	-	6	153	GTG	TAA	0	0	
mORF_-_1857062	1857062	1857139	-	6	78	ATG	TAG	0	0	
mORF_-_1857115	1857115	1857144	-	5	30	TTG	TGA	0	0	
mORF_-_1857167	1857167	1857181	-	6	15	TTG	TGA	0	0	
mORF_-_1857188	1857188	1857238	-	6	51	TTG	TAA	0	0	
mORF_-_1857245	1857245	1857259	-	6	15	GTG	TAA	0	0	
mORF_-_1857287	1857287	1857325	-	6	39	TTG	TGA	0	0	
mORF_-_1857341	1857341	1857349	-	6	9	TTG	TAA	0	0	
mORF_-_1857400	1857400	1857444	-	5	45	TTG	TAA	0	0	
mORF_-_1857404	1857404	1857421	-	6	18	TTG	TAA	0	0	
mORF_-_1857425	1857425	1857433	-	6	9	TTG	TGA	0	0	
mORF_-_1857434	1857434	1857442	-	6	9	GTG	TGA	0	0	
mORF_-_1857479	1857479	1857529	-	6	51	TTG	TGA	0	0	
mORF_-_1857578	1857578	1857730	-	6	153	GTG	TAG	0	0	

mORF_-_1857643	1857643	1857723	-	5	81	GTG	TGA	0	0	
mORF_-_1857730	1857730	1857813	-	5	84	GTG	TAG	0	0	
mORF_-_1857758	1857758	1857886	-	6	129	TTG	TGA	0	0	
mORF_-_1857893	1857893	1858033	-	6	141	GTG	TGA	0	0	
mORF_-_1858121	1858121	1858228	-	6	108	GTG	TGA	0	0	
mORF_-_1858138	1858138	1858290	-	5	153	TTG	TAA	0	0	
mORF_-_1858280	1858280	1859356	-	6	1077	ATG	TAA	1	2	pORF_-_1858280
mORF_-_1858306	1858306	1858341	-	5	36	TTG	TGA	0	0	
mORF_-_1858338	1858338	1858355	-	4	18	ATG	TGA	0	0	
mORF_-_1858411	1858411	1858530	-	5	120	TTG	TAG	0	0	
mORF_-_1858428	1858428	1858436	-	4	9	ATG	TAA	0	0	
mORF_-_1858506	1858506	1858601	-	4	96	ATG	TGA	0	0	
mORF_-_1858576	1858576	1858605	-	5	30	TTG	TGA	0	0	
mORF_-_1858602	1858602	1858634	-	4	33	TTG	TGA	0	0	
mORF_-_1858606	1858606	1858674	-	5	69	ATG	TGA	0	0	
mORF_-_1858678	1858678	1858743	-	5	66	TTG	TAG	0	0	
mORF_-_1858756	1858756	1859022	-	5	267	TTG	TAA	0	0	
mORF_-_1858920	1858920	1858934	-	4	15	GTG	TGA	0	0	
mORF_-_1858962	1858962	1858979	-	4	18	TTG	TGA	0	0	
mORF_-_1859010	1859010	1859045	-	4	36	GTG	TAA	0	0	
mORF_-_1859026	1859026	1859217	-	5	192	ATG	TAA	0	0	
mORF_-_1859061	1859061	1859084	-	4	24	TTG	TGA	0	0	
mORF_-_1859142	1859142	1859162	-	4	21	TTG	TGA	0	0	
mORF_-_1859227	1859227	1859265	-	5	39	TTG	TGA	0	0	
mORF_-_1859262	1859262	1859288	-	4	27	GTG	TGA	0	0	
mORF_-_1859269	1859269	1859307	-	5	39	TTG	TAG	0	0	
mORF_-_1859308	1859308	1859337	-	5	30	TTG	TGA	0	0	
mORF_-_1859353	1859353	1859364	-	5	12	ATG	TGA	0	0	
mORF_-_1859361	1859361	1859444	-	4	84	GTG	TGA	0	0	
mORF_-_1859384	1859384	1859428	-	6	45	ATG	TAA	0	0	
mORF_-_1859462	1859462	1859467	-	6	6	TTG	TAA	0	0	
mORF_-_1859469	1859469	1859540	-	4	72	TTG	TGA	0	0	
mORF_-_1859474	1859474	1859479	-	6	6	TTG	TGA	0	0	
mORF_-_1859504	1859504	1859596	-	6	93	ATG	TAA	0	0	
mORF_-_1859583	1859583	1859618	-	4	36	TTG	TGA	0	0	
mORF_-_1859597	1859597	1859725	-	6	129	GTG	TGA	0	0	
mORF_-_1859644	1859644	1859679	-	5	36	ATG	TGA	0	0	
mORF_-_1859695	1859695	1859763	-	5	69	TTG	TGA	0	0	
mORF_-_1859726	1859726	1860043	-	6	318	TTG	TAA	3	27	pORF_-_1859726
mORF_-_1859791	1859791	1859817	-	5	27	TTG	TGA	0	0	
mORF_-_1859841	1859841	1859858	-	4	18	GTG	TAA	0	0	
mORF_-_1859899	1859899	1859934	-	5	36	TTG	TGA	0	0	
mORF_-_1859913	1859913	1859921	-	4	9	ATG	TGA	0	0	
mORF_-_1859968	1859968	1859991	-	5	24	TTG	TGA	0	0	
mORF_-_1859988	1859988	1860161	-	4	174	GTG	TGA	0	0	
mORF_-_1860040	1860040	1860483	-	5	444	GTG	TGA	17	155	pORF_-_1860040
mORF_-_1860095	1860095	1860103	-	6	9	TTG	TAA	0	0	
mORF_-_1860164	1860164	1860172	-	6	9	TTG	TAA	0	0	
mORF_-_1860180	1860180	1860233	-	4	54	GTG	TAG	0	0	
mORF_-_1860234	1860234	1860305	-	4	72	ATG	TAA	0	0	
mORF_-_1860312	1860312	1860380	-	4	69	ATG	TGA	0	0	
mORF_-_1860423	1860423	1860461	-	4	39	GTG	TGA	0	0	
mORF_-_1860458	1860458	1860463	-	6	6	ATG	TGA	0	0	
mORF_-_1860480	1860480	1860485	-	4	6	ATG	TGA	0	0	
mORF_-_1860485	1860485	1860526	-	6	42	TTG	TAA	0	0	
mORF_-_1860499	1860499	1860519	-	5	21	TTG	TAG	0	0	
mORF_-_1860536	1860536	1860565	-	6	30	GTG	TAG	0	0	
mORF_-_1860566	1860566	1860631	-	6	66	ATG	TAG	0	0	
mORF_-_1860583	1860583	1860588	-	5	6	ATG	TGA	0	0	
mORF_-_1860591	1860591	1860647	-	4	57	TTG	TAA	0	0	
mORF_-_1860607	1860607	1860705	-	5	99	TTG	TAA	0	0	
mORF_-_1860680	1860680	1860841	-	6	162	ATG	TAA	0	0	
mORF_-_1860814	1860814	1860888	-	5	75	TTG	TGA	0	0	

mORF_-_1860857	1860857	1860892	-	6	36	TTG	TGA	0	0	
mORF_-_1860889	1860889	1860921	-	5	33	ATG	TGA	0	0	
mORF_-_1860900	1860900	1861778	-	4	879	GTG	TAA	0	0	
mORF_-_1860911	1860911	1860943	-	6	33	GTG	TAA	0	0	
mORF_-_1860983	1860983	1861318	-	6	336	GTG	TGA	0	0	
mORF_-_1861036	1861036	1861083	-	5	48	TTG	TAG	0	0	
mORF_-_1861364	1861364	1861468	-	6	105	TTG	TGA	0	0	
mORF_-_1861429	1861429	1861548	-	5	120	TTG	TAG	0	0	
mORF_-_1861550	1861550	1861564	-	6	15	TTG	TAA	0	0	
mORF_-_1861613	1861613	1861735	-	6	123	TTG	TAG	0	0	
mORF_-_1861678	1861678	1861803	-	5	126	GTG	TAG	0	0	
mORF_-_1861745	1861745	1861756	-	6	12	TTG	TAA	0	0	
mORF_-_1861775	1861775	1861786	-	6	12	TTG	TGA	0	0	
mORF_-_1861810	1861810	1861959	-	5	150	ATG	TAG	0	0	
mORF_-_1861859	1861859	1861972	-	6	114	ATG	TAA	0	0	
mORF_-_1861956	1861956	1862069	-	4	114	GTG	TGA	0	0	
mORF_-_1861969	1861969	1862172	-	5	204	TTG	TGA	0	0	
mORF_-_1861997	1861997	1862158	-	6	162	GTG	TAA	0	0	
mORF_-_1862088	1862088	1862195	-	4	108	GTG	TAG	0	0	
mORF_-_1862192	1862192	1862272	-	6	81	GTG	TGA	0	0	
mORF_-_1862197	1862197	1862352	-	5	156	GTG	TGA	0	0	
mORF_-_1862277	1862277	1862333	-	4	57	GTG	TAA	0	0	
mORF_-_1862285	1862285	1862293	-	6	9	ATG	TAA	0	0	
mORF_-_1862330	1862330	1862581	-	6	252	ATG	TGA	0	0	
mORF_-_1862368	1862368	1862427	-	5	60	ATG	TAG	0	0	
mORF_-_1862424	1862424	1862516	-	4	93	GTG	TGA	0	0	
mORF_-_1862556	1862556	1862621	-	4	66	TTG	TAA	0	0	
mORF_-_1862578	1862578	1862628	-	5	51	ATG	TGA	0	0	
mORF_-_1862622	1862622	1862723	-	4	102	GTG	TAA	0	0	
mORF_-_1862650	1862650	1862655	-	5	6	TTG	TAG	0	0	
mORF_-_1862680	1862680	1862739	-	5	60	ATG	TAA	0	0	
mORF_-_1862687	1862687	1862734	-	6	48	TTG	TGA	0	0	
mORF_-_1862755	1862755	1862799	-	5	45	GTG	TAA	0	0	
mORF_-_1862760	1862760	1862801	-	4	42	GTG	TAA	0	0	
mORF_-_1862765	1862765	1862809	-	6	45	GTG	TAA	0	0	
mORF_-_1862806	1862806	1863660	-	5	855	ATG	TGA	0	0	
mORF_-_1862865	1862865	1862924	-	4	60	TTG	TAG	0	0	
mORF_-_1862891	1862891	1863115	-	6	225	GTG	TGA	0	0	
mORF_-_1862949	1862949	1862954	-	4	6	GTG	TGA	0	0	
mORF_-_1862967	1862967	1863017	-	4	51	TTG	TGA	0	0	
mORF_-_1863039	1863039	1863050	-	4	12	ATG	TAA	0	0	
mORF_-_1863090	1863090	1863230	-	4	141	TTG	TGA	0	0	
mORF_-_1863170	1863170	1863181	-	6	12	GTG	TAA	0	0	
mORF_-_1863270	1863270	1863383	-	4	114	ATG	TGA	0	0	
mORF_-_1863347	1863347	1863412	-	6	66	GTG	TGA	0	0	
mORF_-_1863384	1863384	1863407	-	4	24	ATG	TAA	0	0	
mORF_-_1863456	1863456	1863515	-	4	60	TTG	TAA	0	0	
mORF_-_1863522	1863522	1863581	-	4	60	ATG	TAA	0	0	
mORF_-_1863533	1863533	1863598	-	6	66	ATG	TGA	0	0	
mORF_-_1863609	1863609	1863635	-	4	27	GTG	TAG	0	0	
mORF_-_1863635	1863635	1863727	-	6	93	TTG	TAG	0	0	
mORF_-_1863645	1863645	1863725	-	4	81	GTG	TGA	0	0	
mORF_-_1863718	1863718	1863747	-	5	30	ATG	TAA	0	0	
mORF_-_1863750	1863750	1864496	-	4	747	GTG	TGA	17	67	pORF_-_1863750
mORF_-_1863779	1863779	1863862	-	6	84	GTG	TGA	0	0	
mORF_-_1863893	1863893	1864018	-	6	126	TTG	TGA	0	0	
mORF_-_1863928	1863928	1864008	-	5	81	GTG	TAA	0	0	
mORF_-_1864034	1864034	1864153	-	6	120	ATG	TGA	0	0	
mORF_-_1864169	1864169	1864303	-	6	135	GTG	TGA	0	0	
mORF_-_1864279	1864279	1864287	-	5	9	GTG	TGA	0	0	
mORF_-_1864304	1864304	1864336	-	6	33	ATG	TAG	0	0	
mORF_-_1864343	1864343	1864399	-	6	57	GTG	TAA	0	0	
mORF_-_1864429	1864429	1864506	-	5	78	ATG	TGA	0	0	

mORF_-_1864439	1864439	1864471	-	6	33	TTG	TAG	0	0
mORF_-_1864493	1864493	1864498	-	6	6	TTG	TGA	0	0
mORF_-_1864499	1864499	1864564	-	6	66	TTG	TAA	0	0
mORF_-_1864503	1864503	1864535	-	4	33	TTG	TGA	0	0
mORF_-_1864546	1864546	1864554	-	5	9	ATG	TGA	0	0
mORF_-_1864570	1864570	1864581	-	5	12	ATG	TAA	0	0
mORF_-_1864578	1864578	1864637	-	4	60	TTG	TGA	0	0
mORF_-_1864628	1864628	1864756	-	6	129	ATG	TAA	0	0
mORF_-_1864669	1864669	1864674	-	5	6	ATG	TAA	0	0
mORF_-_1864674	1864674	1864685	-	4	12	TTG	TAA	0	0
mORF_-_1864689	1864689	1864790	-	4	102	GTG	TAA	0	0
mORF_-_1864720	1864720	1864749	-	5	30	ATG	TAA	0	0
mORF_-_1864763	1864763	1864840	-	6	78	TTG	TAA	0	0
mORF_-_1864798	1864798	1864818	-	5	21	ATG	TGA	0	0
mORF_-_1864856	1864856	1864885	-	6	30	ATG	TAA	0	0
mORF_-_1864878	1864878	1865021	-	4	144	TTG	TAG	0	0
mORF_-_1864907	1864907	1864933	-	6	27	ATG	TAG	0	0
mORF_-_1864949	1864949	1865011	-	6	63	GTG	TAG	0	0
mORF_-_1864987	1864987	1864992	-	5	6	GTG	TGA	0	0
mORF_-_1865033	1865033	1865137	-	6	105	ATG	TAA	0	0
mORF_-_1865055	1865055	1865243	-	4	189	TTG	TAG	0	0
mORF_-_1865134	1865134	1865307	-	5	174	ATG	TGA	0	0
mORF_-_1865165	1865165	1865173	-	6	9	ATG	TAA	0	0
mORF_-_1865307	1865307	1865486	-	4	180	ATG	TAA	0	0
mORF_-_1865327	1865327	1865365	-	6	39	TTG	TAA	0	0
mORF_-_1865369	1865369	1865431	-	6	63	ATG	TGA	0	0
mORF_-_1865441	1865441	1865596	-	6	156	ATG	TAA	0	0
mORF_-_1865455	1865455	1865475	-	5	21	TTG	TGA	0	0
mORF_-_1865506	1865506	1865538	-	5	33	TTG	TAG	0	0
mORF_-_1865535	1865535	1865750	-	4	216	ATG	TGA	0	0
mORF_-_1865669	1865669	1865695	-	6	27	TTG	TAG	0	0
mORF_-_1865696	1865696	1865767	-	6	72	GTG	TGA	0	0
mORF_-_1865725	1865725	1865733	-	5	9	GTG	TAA	0	0
mORF_-_1865757	1865757	1865990	-	4	234	GTG	TAA	0	0
mORF_-_1865780	1865780	1865881	-	6	102	TTG	TAG	0	0
mORF_-_1865824	1865824	1865835	-	5	12	GTG	TAA	0	0
mORF_-_1865903	1865903	1865950	-	6	48	TTG	TAA	0	0
mORF_-_1865968	1865968	1866081	-	5	114	TTG	TAA	0	0
mORF_-_1865987	1865987	1866073	-	6	87	ATG	TGA	0	0
mORF_-_1866078	1866078	1866431	-	4	354	TTG	TGA	0	0
mORF_-_1866092	1866092	1866133	-	6	42	TTG	TAA	0	0
mORF_-_1866155	1866155	1866229	-	6	75	TTG	TAG	0	0
mORF_-_1866226	1866226	1866312	-	5	87	GTG	TGA	0	0
mORF_-_1866350	1866350	1866385	-	6	36	TTG	TAA	0	0
mORF_-_1866413	1866413	1866436	-	6	24	ATG	TAG	0	0
mORF_-_1866479	1866479	1866643	-	6	165	TTG	TGA	0	0
mORF_-_1866568	1866568	1866579	-	5	12	TTG	TGA	0	0
mORF_-_1866659	1866659	1866742	-	6	84	TTG	TAG	0	0
mORF_-_1866733	1866733	1866885	-	5	153	GTG	TAA	0	0
mORF_-_1866747	1866747	1866770	-	4	24	GTG	TGA	0	0
mORF_-_1866803	1866803	1866808	-	6	6	GTG	TAG	0	0
mORF_-_1866825	1866825	1867025	-	4	201	ATG	TAA	0	0
mORF_-_1866863	1866863	1866949	-	6	87	ATG	TAA	0	0
mORF_-_1866898	1866898	1866978	-	5	81	ATG	TAG	0	0
mORF_-_1867045	1867045	1867221	-	5	177	ATG	TAA	0	0
mORF_-_1867053	1867053	1867145	-	4	93	GTG	TAA	0	0
mORF_-_1867173	1867173	1867214	-	4	42	TTG	TGA	0	0
mORF_-_1867378	1867378	1867431	-	5	54	ATG	TAA	0	0
mORF_-_1867440	1867440	1867529	-	4	90	TTG	TAA	0	0
mORF_-_1867469	1867469	1867549	-	6	81	GTG	TGA	0	0
mORF_-_1867495	1867495	1867593	-	5	99	TTG	TGA	0	0
mORF_-_1867542	1867542	1867670	-	4	129	GTG	TGA	0	0
mORF_-_1867661	1867661	1867759	-	6	99	TTG	TAA	0	0

mORF_-_1867683	1867683	1867688	-	4	6	TTG	TAA	0	0
mORF_-_1867756	1867756	1868052	-	5	297	ATG	TGA	0	0
mORF_-_1867764	1867764	1867772	-	4	9	GTG	TGA	0	0
mORF_-_1867794	1867794	1867853	-	4	60	ATG	TAA	0	0
mORF_-_1867817	1867817	1868011	-	6	195	ATG	TGA	0	0
mORF_-_1867899	1867899	1867925	-	4	27	ATG	TAG	0	0
mORF_-_1868074	1868074	1868334	-	5	261	ATG	TAA	0	0
mORF_-_1868108	1868108	1868131	-	6	24	ATG	TAA	0	0
mORF_-_1868124	1868124	1868189	-	4	66	ATG	TGA	0	0
mORF_-_1868159	1868159	1868248	-	6	90	TTG	TAG	0	0
mORF_-_1868313	1868313	1868321	-	4	9	ATG	TAA	0	0
mORF_-_1868325	1868325	1868330	-	4	6	ATG	TAA	0	0
mORF_-_1868334	1868334	1868396	-	4	63	TTG	TAA	0	0
mORF_-_1868339	1868339	1868365	-	6	27	ATG	TAA	0	0
mORF_-_1868371	1868371	1868376	-	5	6	ATG	TAA	0	0
mORF_-_1868380	1868380	1868424	-	5	45	GTG	TAA	0	0
mORF_-_1868414	1868414	1868434	-	6	21	ATG	TGA	0	0
mORF_-_1868446	1868446	1868508	-	5	63	TTG	TAA	0	0
mORF_-_1868463	1868463	1868486	-	4	24	TTG	TAA	0	0
mORF_-_1868489	1868489	1868521	-	6	33	GTG	TAG	0	0
mORF_-_1868505	1868505	1868561	-	4	57	TTG	TGA	0	0
mORF_-_1868522	1868522	1868527	-	6	6	ATG	TGA	0	0
mORF_-_1868548	1868548	1868559	-	5	12	GTG	TAG	0	0
mORF_-_1868565	1868565	1868576	-	4	12	TTG	TAA	0	0
mORF_-_1868573	1868573	1868662	-	6	90	ATG	TGA	0	0
mORF_-_1868626	1868626	1868649	-	5	24	TTG	TAG	0	0
mORF_-_1868659	1868659	1868667	-	5	9	GTG	TGA	0	0
mORF_-_1868675	1868675	1868776	-	6	102	ATG	TAA	0	0
mORF_-_1868733	1868733	1868759	-	4	27	TTG	TAA	0	0
mORF_-_1868749	1868749	1868772	-	5	24	GTG	TAG	0	0
mORF_-_1868773	1868773	1868790	-	5	18	ATG	TGA	0	0
mORF_-_1868807	1868807	1868824	-	6	18	ATG	TAG	0	0
mORF_-_1868811	1868811	1868909	-	4	99	TTG	TAA	0	0
mORF_-_1868830	1868830	1868844	-	5	15	TTG	TAA	0	0
mORF_-_1868845	1868845	1868871	-	5	27	TTG	TAA	0	0
mORF_-_1868917	1868917	1869042	-	5	126	GTG	TAA	0	0
mORF_-_1868948	1868948	1869046	-	6	99	TTG	TAA	0	0
mORF_-_1869021	1869021	1869107	-	4	87	ATG	TAA	0	0
mORF_-_1869089	1869089	1869127	-	6	39	TTG	TAA	0	0
mORF_-_1869124	1869124	1869159	-	5	36	ATG	TGA	0	0
mORF_-_1869128	1869128	1869250	-	6	123	TTG	TAG	0	0
mORF_-_1869178	1869178	1869237	-	5	60	ATG	TGA	0	0
mORF_-_1869258	1869258	1869398	-	4	141	ATG	TAG	0	0
mORF_-_1869350	1869350	1869358	-	6	9	ATG	TAA	0	0
mORF_-_1869362	1869362	1869385	-	6	24	TTG	TGA	0	0
mORF_-_1869395	1869395	1869412	-	6	18	TTG	TGA	0	0
mORF_-_1869428	1869428	1869490	-	6	63	ATG	TAG	0	0
mORF_-_1869436	1869436	1869453	-	5	18	ATG	TGA	0	0
mORF_-_1869453	1869453	1869539	-	4	87	ATG	TAA	0	0
mORF_-_1869506	1869506	1869862	-	6	357	TTG	TGA	0	0
mORF_-_1869520	1869520	1869567	-	5	48	TTG	TGA	0	0
mORF_-_1869564	1869564	1869587	-	4	24	TTG	TGA	0	0
mORF_-_1869642	1869642	1869749	-	4	108	TTG	TAG	0	0
mORF_-_1869655	1869655	1869672	-	5	18	TTG	TGA	0	0
mORF_-_1869757	1869757	1869780	-	5	24	TTG	TGA	0	0
mORF_-_1869831	1869831	1869890	-	4	60	TTG	TAA	0	0
mORF_-_1869868	1869868	1869906	-	5	39	ATG	TAA	0	0
mORF_-_1869881	1869881	1870114	-	6	234	ATG	TAA	0	0
mORF_-_1869897	1869897	1869932	-	4	36	TTG	TGA	0	0
mORF_-_1869988	1869988	1870059	-	5	72	ATG	TAA	0	0
mORF_-_1870041	1870041	1870346	-	4	306	ATG	TAG	0	0
mORF_-_1870096	1870096	1870107	-	5	12	TTG	TAA	0	0
mORF_-_1870111	1870111	1870125	-	5	15	ATG	TGA	0	0

mORF_-_1870135	1870135	1870440	-	5	306	GTG	TAA	0	0
mORF_-_1870235	1870235	1870420	-	6	186	GTG	TGA	0	0
mORF_-_1870350	1870350	1870367	-	4	18	ATG	TAA	0	0
mORF_-_1870392	1870392	1870397	-	4	6	TTG	TAG	0	0
mORF_-_1870443	1870443	1870481	-	4	39	GTG	TAA	0	0
mORF_-_1870457	1870457	1870474	-	6	18	TTG	TGA	0	0
mORF_-_1870497	1870497	1870529	-	4	33	GTG	TGA	0	0
mORF_-_1870532	1870532	1870546	-	6	15	TTG	TAA	0	0
mORF_-_1870565	1870565	1870690	-	6	126	ATG	TAA	0	0
mORF_-_1870700	1870700	1870795	-	6	96	TTG	TGA	0	0
mORF_-_1870758	1870758	1870820	-	4	63	ATG	TAG	0	0
mORF_-_1870817	1870817	1870894	-	6	78	TTG	TGA	0	0
mORF_-_1870857	1870857	1870937	-	4	81	ATG	TAG	0	0
mORF_-_1870928	1870928	1870972	-	6	45	ATG	TAA	0	0
mORF_-_1870982	1870982	1871239	-	6	258	GTG	TAA	0	0
mORF_-_1871034	1871034	1871063	-	4	30	GTG	TAA	0	0
mORF_-_1871070	1871070	1871078	-	4	9	TTG	TAA	0	0
mORF_-_1871136	1871136	1871177	-	4	42	TTG	TAA	0	0
mORF_-_1871220	1871220	1871249	-	4	30	ATG	TAA	0	0
mORF_-_1871277	1871277	1871420	-	4	144	ATG	TAA	0	0
mORF_-_1871315	1871315	1871353	-	6	39	ATG	TAA	0	0
mORF_-_1871350	1871350	1871385	-	5	36	GTG	TGA	0	0
mORF_-_1871459	1871459	1871539	-	6	81	TTG	TAA	0	0
mORF_-_1871484	1871484	1871489	-	4	6	ATG	TAA	0	0
mORF_-_1871524	1871524	1871553	-	5	30	ATG	TGA	0	0
mORF_-_1871550	1871550	1871630	-	4	81	ATG	TGA	0	0
mORF_-_1871611	1871611	1871655	-	5	45	GTG	TAG	0	0
mORF_-_1871630	1871630	1871779	-	6	150	TTG	TGA	0	0
mORF_-_1871652	1871652	1871687	-	4	36	ATG	TGA	0	0
mORF_-_1871736	1871736	1871852	-	4	117	ATG	TAG	0	0
mORF_-_1871749	1871749	1871757	-	5	9	GTG	TAG	0	0
mORF_-_1871819	1871819	1872016	-	6	198	ATG	TGA	0	0
mORF_-_1871862	1871862	1871945	-	4	84	ATG	TAA	0	0
mORF_-_1871935	1871935	1871949	-	5	15	TTG	TGA	0	0
mORF_-_1871973	1871973	1872068	-	4	96	TTG	TAG	0	0
mORF_-_1872050	1872050	1872157	-	6	108	TTG	TAA	0	0
mORF_-_1872102	1872102	1872254	-	4	153	GTG	TAG	0	0
mORF_-_1872176	1872176	1872190	-	6	15	TTG	TGA	0	0
mORF_-_1872203	1872203	1872211	-	6	9	ATG	TGA	0	0
mORF_-_1872233	1872233	1872331	-	6	99	TTG	TGA	0	0
mORF_-_1872312	1872312	1872389	-	4	78	GTG	TAG	0	0
mORF_-_1872409	1872409	1872435	-	5	27	ATG	TAA	0	0
mORF_-_1872428	1872428	1872457	-	6	30	TTG	TGA	0	0
mORF_-_1872432	1872432	1872572	-	4	141	ATG	TGA	0	0
mORF_-_1872482	1872482	1872487	-	6	6	GTG	TGA	0	0
mORF_-_1872560	1872560	1872631	-	6	72	GTG	TAA	0	0
mORF_-_1872595	1872595	1872609	-	5	15	GTG	TGA	0	0
mORF_-_1872606	1872606	1872734	-	4	129	GTG	TGA	0	0
mORF_-_1872688	1872688	1872708	-	5	21	TTG	TAA	0	0
mORF_-_1872779	1872779	1873600	-	6	822	ATG	TAA	0	0
mORF_-_1872823	1872823	1872918	-	5	96	TTG	TAA	0	0
mORF_-_1872897	1872897	1872986	-	4	90	GTG	TGA	0	0
mORF_-_1873018	1873018	1873041	-	5	24	GTG	TGA	0	0
mORF_-_1873038	1873038	1873082	-	4	45	GTG	TGA	0	0
mORF_-_1873042	1873042	1873050	-	5	9	TTG	TGA	0	0
mORF_-_1873102	1873102	1873185	-	5	84	TTG	TGA	0	0
mORF_-_1873210	1873210	1873224	-	5	15	GTG	TGA	0	0
mORF_-_1873218	1873218	1873298	-	4	81	ATG	TGA	0	0
mORF_-_1873312	1873312	1873353	-	5	42	ATG	TGA	0	0
mORF_-_1873360	1873360	1873458	-	5	99	ATG	TAA	0	0
mORF_-_1873371	1873371	1873424	-	4	54	GTG	TAG	0	0
mORF_-_1873507	1873507	1873578	-	5	72	ATG	TAA	0	0
mORF_-_1873512	1873512	1873535	-	4	24	TTG	TGA	0	0

mORF_-_1873612	1873612	1873782	-	5	171	GTG	TAA	0	0
mORF_-_1873631	1873631	1873696	-	6	66	ATG	TAA	0	0
mORF_-_1873641	1873641	1873715	-	4	75	ATG	TGA	0	0
mORF_-_1873740	1873740	1873772	-	4	33	ATG	TAA	0	0
mORF_-_1873785	1873785	1873979	-	4	195	TTG	TAA	0	0
mORF_-_1873802	1873802	1873846	-	6	45	TTG	TAA	0	0
mORF_-_1873825	1873825	1873863	-	5	39	GTG	TAA	0	0
mORF_-_1873999	1873999	1874052	-	5	54	TTG	TAA	0	0
mORF_-_1874025	1874025	1874045	-	4	21	ATG	TGA	0	0
mORF_-_1874069	1874069	1874197	-	6	129	TTG	TAA	0	0
mORF_-_1874089	1874089	1874211	-	5	123	ATG	TGA	0	0
mORF_-_1874106	1874106	1874147	-	4	42	GTG	TAA	0	0
mORF_-_1874208	1874208	1874327	-	4	120	GTG	TGA	0	0
mORF_-_1874243	1874243	1874275	-	6	33	ATG	TAA	0	0
mORF_-_1874266	1874266	1874364	-	5	99	TTG	TGA	0	0
mORF_-_1874300	1874300	1874305	-	6	6	ATG	TAA	0	0
mORF_-_1874343	1874343	1874348	-	4	6	ATG	TGA	0	0
mORF_-_1874361	1874361	1874369	-	4	9	GTG	TGA	0	0
mORF_-_1874366	1874366	1874419	-	6	54	GTG	TGA	0	0
mORF_-_1874377	1874377	1874412	-	5	36	ATG	TAA	0	0
mORF_-_1874412	1874412	1874498	-	4	87	GTG	TGA	0	0
mORF_-_1874422	1874422	1874472	-	5	51	GTG	TAG	0	0
mORF_-_1874444	1874444	1874464	-	6	21	TTG	TGA	0	0
mORF_-_1874504	1874504	1874773	-	6	270	GTG	TAA	0	0
mORF_-_1874521	1874521	1874664	-	5	144	ATG	TGA	0	0
mORF_-_1874601	1874601	1874642	-	4	42	TTG	TGA	0	0
mORF_-_1874676	1874676	1874717	-	4	42	GTG	TAG	0	0
mORF_-_1874689	1874689	1874865	-	5	177	TTG	TGA	0	0
mORF_-_1874778	1874778	1874801	-	4	24	GTG	TAG	0	0
mORF_-_1874802	1874802	1874927	-	4	126	TTG	TAA	0	0
mORF_-_1874875	1874875	1874931	-	5	57	GTG	TAG	0	0
mORF_-_1874941	1874941	1874949	-	5	9	TTG	TGA	0	0
mORF_-_1874983	1874983	1875087	-	5	105	TTG	TAA	0	0
mORF_-_1875063	1875063	1875224	-	4	162	TTG	TGA	0	0
mORF_-_1875071	1875071	1875163	-	6	93	TTG	TGA	0	0
mORF_-_1875112	1875112	1875192	-	5	81	TTG	TAA	0	0
mORF_-_1875214	1875214	1875234	-	5	21	GTG	TAG	0	0
mORF_-_1875218	1875218	1875244	-	6	27	ATG	TGA	0	0
mORF_-_1875283	1875283	1875540	-	5	258	TTG	TAA	0	0
mORF_-_1875302	1875302	1875556	-	6	255	ATG	TAA	0	0
mORF_-_1875324	1875324	1875344	-	4	21	ATG	TGA	0	0
mORF_-_1875357	1875357	1875437	-	4	81	TTG	TGA	0	0
mORF_-_1875477	1875477	1875581	-	4	105	TTG	TAA	0	0
mORF_-_1875566	1875566	1875571	-	6	6	ATG	TGA	0	0
mORF_-_1875574	1875574	1875636	-	5	63	GTG	TAA	0	0
mORF_-_1875584	1875584	1875640	-	6	57	TTG	TAA	0	0
mORF_-_1875627	1875627	1875632	-	4	6	ATG	TAA	0	0
mORF_-_1875633	1875633	1875662	-	4	30	ATG	TGA	0	0
mORF_-_1875637	1875637	1875645	-	5	9	ATG	TGA	0	0
mORF_-_1875659	1875659	1875685	-	6	27	ATG	TGA	0	0
mORF_-_1875682	1875682	1875693	-	5	12	TTG	TGA	0	0
mORF_-_1875697	1875697	1875711	-	5	15	ATG	TAA	0	0
mORF_-_1875742	1875742	1875771	-	5	30	TTG	TGA	0	0
mORF_-_1875747	1875747	1875839	-	4	93	GTG	TGA	0	0
mORF_-_1875752	1875752	1875793	-	6	42	GTG	TAA	0	0
mORF_-_1875836	1875836	1875853	-	6	18	TTG	TGA	0	0
mORF_-_1875850	1875850	1875894	-	5	45	ATG	TGA	0	0
mORF_-_1875855	1875855	1875929	-	4	75	ATG	TAG	0	0
mORF_-_1875957	1875957	1876073	-	4	117	GTG	TAA	0	0
mORF_-_1875964	1875964	1876083	-	5	120	GTG	TAA	0	0
mORF_-_1875998	1875998	1876042	-	6	45	GTG	TGA	0	0
mORF_-_1876055	1876055	1876321	-	6	267	GTG	TGA	0	0
mORF_-_1876101	1876101	1876109	-	4	9	GTG	TAG	0	0

mORF_-_1876171	1876171	1876257	-	5	87	TTG	TAA	0	0	
mORF_-_1876200	1876200	1876397	-	4	198	TTG	TGA	0	0	
mORF_-_1876282	1876282	1876350	-	5	69	ATG	TAG	0	0	
mORF_-_1876390	1876390	1876470	-	5	81	TTG	TAA	0	0	
mORF_-_1876410	1876410	1876436	-	4	27	ATG	TGA	0	0	
mORF_-_1876437	1876437	1876565	-	4	129	ATG	TGA	0	0	
mORF_-_1876481	1876481	1876732	-	6	252	GTG	TAA	0	0	
mORF_-_1876522	1876522	1876593	-	5	72	GTG	TAG	0	0	
mORF_-_1876594	1876594	1876746	-	5	153	ATG	TAA	0	0	
mORF_-_1876614	1876614	1876637	-	4	24	ATG	TAA	0	0	
mORF_-_1876704	1876704	1876775	-	4	72	GTG	TGA	0	0	
mORF_-_1876753	1876753	1876758	-	5	6	ATG	TAG	0	0	
mORF_-_1876772	1876772	1876834	-	6	63	ATG	TGA	0	0	
mORF_-_1876834	1876834	1876857	-	5	24	ATG	TAA	0	0	
mORF_-_1876851	1876851	1876910	-	4	60	TTG	TAA	0	0	
mORF_-_1876864	1876864	1876953	-	5	90	GTG	TAA	0	0	
mORF_-_1876874	1876874	1876978	-	6	105	GTG	TAG	0	0	
mORF_-_1876935	1876935	1876994	-	4	60	TTG	TAA	0	0	
mORF_-_1876981	1876981	1877022	-	5	42	TTG	TAG	0	0	
mORF_-_1877024	1877024	1877131	-	6	108	TTG	TAA	0	0	
mORF_-_1877031	1877031	1877279	-	4	249	ATG	TAA	0	0	
mORF_-_1877119	1877119	1877148	-	5	30	ATG	TAA	0	0	
mORF_-_1877156	1877156	1877164	-	6	9	GTG	TAG	0	0	
mORF_-_1877186	1877186	1877290	-	6	105	GTG	TGA	0	0	
mORF_-_1877209	1877209	1877265	-	5	57	ATG	TAA	0	0	
mORF_-_1877291	1877291	1877413	-	6	123	TTG	TAA	0	0	
mORF_-_1877305	1877305	1877373	-	5	69	GTG	TAA	0	0	
mORF_-_1877313	1877313	1877354	-	4	42	TTG	TAA	0	0	
mORF_-_1877410	1877410	1877439	-	5	30	TTG	TGA	0	0	
mORF_-_1877417	1877417	1877464	-	6	48	ATG	TGA	0	0	
mORF_-_1877427	1877427	1877609	-	4	183	ATG	TAA	0	0	
mORF_-_1877528	1877528	1877566	-	6	39	ATG	TGA	0	0	
mORF_-_1877572	1877572	1877616	-	5	45	ATG	TAA	0	0	
mORF_-_1877585	1877585	1877650	-	6	66	GTG	TGA	0	0	
mORF_-_1877613	1877613	1877972	-	4	360	ATG	TGA	0	0	
mORF_-_1877657	1877657	1877686	-	6	30	TTG	TGA	0	0	
mORF_-_1877708	1877708	1877752	-	6	45	TTG	TGA	0	0	
mORF_-_1877716	1877716	1877730	-	5	15	GTG	TGA	0	0	
mORF_-_1877774	1877774	1877881	-	6	108	TTG	TGA	0	0	
mORF_-_1878009	1878009	1878059	-	4	51	ATG	TAA	0	0	
mORF_-_1878060	1878060	1878083	-	4	24	ATG	TAA	0	0	
mORF_-_1878074	1878074	1878145	-	6	72	ATG	TAA	0	0	
mORF_-_1878106	1878106	1878129	-	5	24	TTG	TAA	0	0	
mORF_-_1878145	1878145	1878783	-	5	639	GTG	TGA	1	2	pORF_-_1878145
mORF_-_1878189	1878189	1878197	-	4	9	TTG	TGA	0	0	
mORF_-_1878198	1878198	1878260	-	4	63	GTG	TGA	0	0	
mORF_-_1878294	1878294	1878383	-	4	90	ATG	TGA	0	0	
mORF_-_1878420	1878420	1878458	-	4	39	ATG	TAA	0	0	
mORF_-_1878486	1878486	1878551	-	4	66	TTG	TGA	0	0	
mORF_-_1878575	1878575	1878601	-	6	27	ATG	TAA	0	0	
mORF_-_1878612	1878612	1878650	-	4	39	TTG	TGA	0	0	
mORF_-_1878663	1878663	1878740	-	4	78	TTG	TGA	0	0	
mORF_-_1878759	1878759	1878785	-	4	27	ATG	TGA	0	0	
mORF_-_1878798	1878798	1878812	-	4	15	ATG	TAA	0	0	
mORF_-_1878809	1878809	1878841	-	6	33	TTG	TGA	0	0	
mORF_-_1878875	1878875	1878889	-	6	15	TTG	TAA	0	0	
mORF_-_1878886	1878886	1878906	-	5	21	ATG	TGA	0	0	
mORF_-_1878906	1878906	1878950	-	4	45	TTG	TAA	0	0	
mORF_-_1878910	1878910	1879854	-	5	945	GTG	TGA	0	0	
mORF_-_1878975	1878975	1879013	-	4	39	ATG	TAA	0	0	
mORF_-_1879062	1879062	1879229	-	4	168	TTG	TAG	0	0	
mORF_-_1879088	1879088	1879138	-	6	51	GTG	TAG	0	0	
mORF_-_1879247	1879247	1879261	-	6	15	GTG	TAA	0	0	

mORF_-_1879281	1879281	1879310	-	4	30	TTG	TAA	0	0
mORF_-_1879365	1879365	1879451	-	4	87	TTG	TAA	0	0
mORF_-_1879488	1879488	1879526	-	4	39	TTG	TAG	0	0
mORF_-_1879571	1879571	1879624	-	6	54	ATG	TGA	0	0
mORF_-_1879587	1879587	1879628	-	4	42	ATG	TGA	0	0
mORF_-_1879692	1879692	1879811	-	4	120	ATG	TAA	0	0
mORF_-_1879844	1879844	1879885	-	6	42	TTG	TAA	0	0
mORF_-_1879882	1879882	1879908	-	5	27	TTG	TGA	0	0
mORF_-_1879886	1879886	1879936	-	6	51	TTG	TAA	0	0
mORF_-_1879905	1879905	1879985	-	4	81	TTG	TGA	0	0
mORF_-_1880014	1880014	1880472	-	5	459	TTG	TAA	0	0
mORF_-_1880094	1880094	1880150	-	4	57	ATG	TGA	0	0
mORF_-_1880151	1880151	1880315	-	4	165	ATG	TAG	0	0
mORF_-_1880322	1880322	1880405	-	4	84	ATG	TAA	0	0
mORF_-_1880406	1880406	1880444	-	4	39	ATG	TGA	0	0
mORF_-_1880420	1880420	1880491	-	6	72	GTG	TAA	0	0
mORF_-_1880451	1880451	1880531	-	4	81	ATG	TAA	0	0
mORF_-_1880518	1880518	1881027	-	5	510	TTG	TAA	0	0
mORF_-_1880525	1880525	1880731	-	6	207	ATG	TGA	0	0
mORF_-_1880571	1880571	1880756	-	4	186	GTG	TAA	0	0
mORF_-_1880802	1880802	1880873	-	4	72	TTG	TAG	0	0
mORF_-_1880825	1880825	1880983	-	6	159	GTG	TAG	0	0
mORF_-_1880937	1880937	1881005	-	4	69	TTG	TGA	0	0
mORF_-_1881034	1881034	1881051	-	5	18	GTG	TAA	0	0
mORF_-_1881048	1881048	1881098	-	4	51	ATG	TGA	0	0
mORF_-_1881095	1881095	1881103	-	6	9	GTG	TGA	0	0
mORF_-_1881146	1881146	1881169	-	6	24	ATG	TAA	0	0
mORF_-_1881159	1881159	1881173	-	4	15	TTG	TAA	0	0
mORF_-_1881180	1881180	1881227	-	4	48	TTG	TAA	0	0
mORF_-_1881241	1881241	1881303	-	5	63	GTG	TAA	0	0
mORF_-_1881338	1881338	1881391	-	6	54	TTG	TAA	0	0
mORF_-_1881348	1881348	1881431	-	4	84	GTG	TAG	0	0
mORF_-_1881419	1881419	1881463	-	6	45	GTG	TGA	0	0
mORF_-_1881448	1881448	1881471	-	5	24	ATG	TAG	0	0
mORF_-_1881471	1881471	1881503	-	4	33	ATG	TGA	0	0
mORF_-_1881487	1881487	1881510	-	5	24	ATG	TAA	0	0
mORF_-_1881503	1881503	1881592	-	6	90	TTG	TAA	0	0
mORF_-_1881523	1881523	1881981	-	5	459	TTG	TGA	0	0
mORF_-_1881573	1881573	1881647	-	4	75	GTG	TAA	0	0
mORF_-_1881666	1881666	1881677	-	4	12	TTG	TAA	0	0
mORF_-_1881723	1881723	1881737	-	4	15	ATG	TGA	0	0
mORF_-_1881770	1881770	1881805	-	6	36	TTG	TAG	0	0
mORF_-_1881789	1881789	1881872	-	4	84	TTG	TGA	0	0
mORF_-_1881848	1881848	1881934	-	6	87	TTG	TAA	0	0
mORF_-_1881945	1881945	1881971	-	4	27	ATG	TGA	0	0
mORF_-_1881972	1881972	1882034	-	4	63	TTG	TAA	0	0
mORF_-_1881994	1881994	1882104	-	5	111	GTG	TAG	0	0
mORF_-_1882013	1882013	1882303	-	6	291	ATG	TGA	0	0
mORF_-_1882141	1882141	1882149	-	5	9	ATG	TAG	0	0
mORF_-_1882153	1882153	1882176	-	5	24	TTG	TGA	0	0
mORF_-_1882173	1882173	1882268	-	4	96	ATG	TGA	0	0
mORF_-_1882318	1882318	1882497	-	5	180	ATG	TAG	0	0
mORF_-_1882499	1882499	1882576	-	6	78	ATG	TAA	0	0
mORF_-_1882521	1882521	1882592	-	4	72	GTG	TAA	0	0
mORF_-_1882543	1882543	1882554	-	5	12	ATG	TAA	0	0
mORF_-_1882576	1882576	1882653	-	5	78	TTG	TAA	0	0
mORF_-_1882641	1882641	1882667	-	4	27	ATG	TGA	0	0
mORF_-_1882664	1882664	1882759	-	6	96	ATG	TGA	0	0
mORF_-_1882716	1882716	1883189	-	4	474	TTG	TAG	0	0
mORF_-_1882781	1882781	1882822	-	6	42	TTG	TGA	0	0
mORF_-_1882841	1882841	1882867	-	6	27	TTG	TGA	0	0
mORF_-_1882871	1882871	1882903	-	6	33	ATG	TAA	0	0
mORF_-_1882888	1882888	1882998	-	5	111	TTG	TGA	0	0

mORF_-_1883008	1883008	1883034	-	5	27	ATG	TAA	0	0	
mORF_-_1883021	1883021	1883173	-	6	153	GTG	TGA	0	0	
mORF_-_1883035	1883035	1883064	-	5	30	GTG	TGA	0	0	
mORF_-_1883186	1883186	1883293	-	6	108	ATG	TGA	0	0	
mORF_-_1883190	1883190	1883573	-	4	384	TTG	TAA	0	0	
mORF_-_1883369	1883369	1883536	-	6	168	ATG	TAA	0	0	
mORF_-_1883437	1883437	1883466	-	5	30	ATG	TAA	0	0	
mORF_-_1883585	1883585	1883596	-	6	12	TTG	TAA	0	0	
mORF_-_1883604	1883604	1883618	-	4	15	TTG	TAA	0	0	
mORF_-_1883664	1883664	1883819	-	4	156	ATG	TAA	0	0	
mORF_-_1883717	1883717	1883755	-	6	39	ATG	TGA	0	0	
mORF_-_1883810	1883810	1883869	-	6	60	TTG	TAG	0	0	
mORF_-_1883872	1883872	1883883	-	5	12	TTG	TGA	0	0	
mORF_-_1883880	1883880	1883963	-	4	84	TTG	TGA	0	0	
mORF_-_1883939	1883939	1883968	-	6	30	ATG	TGA	0	0	
mORF_-_1883968	1883968	1883994	-	5	27	GTG	TAA	0	0	
mORF_-_1883991	1883991	1884068	-	4	78	GTG	TGA	0	0	
mORF_-_1883996	1883996	1884169	-	6	174	TTG	TGA	0	0	
mORF_-_1884046	1884046	1884132	-	5	87	ATG	TAG	0	0	
mORF_-_1884132	1884132	1884260	-	4	129	ATG	TGA	0	0	
mORF_-_1884199	1884199	1884276	-	5	78	GTG	TGA	0	0	
mORF_-_1884239	1884239	1884445	-	6	207	GTG	TGA	0	0	
mORF_-_1884295	1884295	1884300	-	5	6	ATG	TAG	0	0	
mORF_-_1884343	1884343	1884384	-	5	42	ATG	TAG	0	0	
mORF_-_1884381	1884381	1884443	-	4	63	GTG	TGA	0	0	
mORF_-_1884418	1884418	1884447	-	5	30	GTG	TAA	0	0	
mORF_-_1884450	1884450	1884557	-	4	108	TTG	TAA	0	0	
mORF_-_1884472	1884472	1884540	-	5	69	TTG	TAG	0	0	
mORF_-_1884545	1884545	1884571	-	6	27	ATG	TAG	0	0	
mORF_-_1884638	1884638	1884712	-	6	75	TTG	TAA	0	0	
mORF_-_1884673	1884673	1884777	-	5	105	TTG	TAA	0	0	
mORF_-_1884888	1884888	1886015	-	4	1128	TTG	TAA	0	0	
mORF_-_1884932	1884932	1884943	-	6	12	GTG	TGA	0	0	
mORF_-_1885124	1885124	1885153	-	6	30	ATG	TGA	0	0	
mORF_-_1885219	1885219	1885284	-	5	66	GTG	TAG	0	0	
mORF_-_1885274	1885274	1885306	-	6	33	TTG	TAG	0	0	
mORF_-_1885355	1885355	1885435	-	6	81	TTG	TAG	0	0	
mORF_-_1885411	1885411	1885470	-	5	60	ATG	TGA	0	0	
mORF_-_1885460	1885460	1885474	-	6	15	ATG	TGA	0	0	
mORF_-_1885511	1885511	1885570	-	6	60	GTG	TAG	0	0	
mORF_-_1885567	1885567	1885572	-	5	6	GTG	TGA	0	0	
mORF_-_1885583	1885583	1885714	-	6	132	TTG	TGA	0	0	
mORF_-_1885615	1885615	1885671	-	5	57	ATG	TGA	0	0	
mORF_-_1885715	1885715	1885777	-	6	63	ATG	TGA	0	0	
mORF_-_1885853	1885853	1885873	-	6	21	ATG	TAA	0	0	
mORF_-_1885886	1885886	1885924	-	6	39	TTG	TGA	0	0	
mORF_-_1885940	1885940	1885987	-	6	48	ATG	TAG	0	0	
mORF_-_1885966	1885966	1885971	-	5	6	GTG	TGA	0	0	
mORF_-_1886012	1886012	1886041	-	6	30	TTG	TGA	0	0	
mORF_-_1886078	1886078	1886173	-	6	96	GTG	TAA	0	0	
mORF_-_1886085	1886085	1887836	-	4	1752	ATG	TGA	19	72	pORF_-_1886085
mORF_-_1886170	1886170	1886223	-	5	54	TTG	TGA	0	0	
mORF_-_1886279	1886279	1886362	-	6	84	TTG	TGA	0	0	
mORF_-_1886399	1886399	1886443	-	6	45	ATG	TGA	0	0	
mORF_-_1886447	1886447	1886503	-	6	57	ATG	TAA	0	0	
mORF_-_1886491	1886491	1886550	-	5	60	TTG	TGA	0	0	
mORF_-_1886528	1886528	1886701	-	6	174	ATG	TGA	0	0	
mORF_-_1886665	1886665	1886739	-	5	75	TTG	TAA	0	0	
mORF_-_1886732	1886732	1886773	-	6	42	GTG	TGA	0	0	
mORF_-_1886828	1886828	1886839	-	6	12	ATG	TGA	0	0	
mORF_-_1886894	1886894	1886944	-	6	51	GTG	TAA	0	0	
mORF_-_1886975	1886975	1886983	-	6	9	TTG	TGA	0	0	
mORF_-_1887008	1887008	1887046	-	6	39	ATG	TGA	0	0	

mORF_-_1887092	1887092	1887115	-	6	24	GTG	TGA	0	0	
mORF_-_1887146	1887146	1887271	-	6	126	TTG	TAG	0	0	
mORF_-_1887329	1887329	1887439	-	6	111	GTG	TAA	0	0	
mORF_-_1887473	1887473	1887496	-	6	24	TTG	TGA	0	0	
mORF_-_1887533	1887533	1887541	-	6	9	TTG	TGA	0	0	
mORF_-_1887557	1887557	1887589	-	6	33	TTG	TGA	0	0	
mORF_-_1887641	1887641	1887685	-	6	45	TTG	TGA	0	0	
mORF_-_1887751	1887751	1887759	-	5	9	TTG	TAA	0	0	
mORF_-_1887767	1887767	1887778	-	6	12	GTG	TGA	0	0	
mORF_-_1887781	1887781	1887825	-	5	45	ATG	TAG	0	0	
mORF_-_1887800	1887800	1887814	-	6	15	TTG	TGA	0	0	
mORF_-_1887841	1887841	1887897	-	5	57	GTG	TAA	0	0	
mORF_-_1887866	1887866	1887970	-	6	105	TTG	TAA	0	0	
mORF_-_1887897	1887897	1887974	-	4	78	TTG	TAG	0	0	
mORF_-_1887975	1887975	1888556	-	4	582	ATG	TAA	8	24	pORF_-_1887975
mORF_-_1887983	1887983	1888078	-	6	96	TTG	TAA	0	0	
mORF_-_1888015	1888015	1888071	-	5	57	ATG	TAA	0	0	
mORF_-_1888075	1888075	1888119	-	5	45	TTG	TGA	0	0	
mORF_-_1888142	1888142	1888189	-	6	48	GTG	TGA	0	0	
mORF_-_1888205	1888205	1888225	-	6	21	GTG	TAG	0	0	
mORF_-_1888253	1888253	1888420	-	6	168	GTG	TGA	0	0	
mORF_-_1888433	1888433	1888489	-	6	57	GTG	TAG	0	0	
mORF_-_1888465	1888465	1888491	-	5	27	TTG	TAA	0	0	
mORF_-_1888502	1888502	1888540	-	6	39	ATG	TAA	0	0	
mORF_-_1888576	1888576	1888623	-	5	48	ATG	TGA	0	0	
mORF_-_1888589	1888589	1888744	-	6	156	ATG	TAA	0	0	
mORF_-_1888596	1888596	1889291	-	4	696	ATG	TGA	14	55	pORF_-_1888596
mORF_-_1888681	1888681	1888698	-	5	18	GTG	TGA	0	0	
mORF_-_1888768	1888768	1888815	-	5	48	ATG	TAA	0	0	
mORF_-_1888808	1888808	1888948	-	6	141	TTG	TGA	0	0	
mORF_-_1888945	1888945	1888986	-	5	42	GTG	TGA	0	0	
mORF_-_1889006	1889006	1889023	-	6	18	TTG	TAA	0	0	
mORF_-_1889024	1889024	1889074	-	6	51	TTG	TGA	0	0	
mORF_-_1889153	1889153	1889212	-	6	60	TTG	TGA	0	0	
mORF_-_1889194	1889194	1889205	-	5	12	TTG	TGA	0	0	
mORF_-_1889209	1889209	1889241	-	5	33	GTG	TGA	0	0	
mORF_-_1889304	1889304	1889330	-	4	27	ATG	TAA	0	0	
mORF_-_1889327	1889327	1889398	-	6	72	GTG	TGA	0	0	
mORF_-_1889349	1889349	1891259	-	4	1911	GTG	TAA	0	0	
mORF_-_1889453	1889453	1889470	-	6	18	GTG	TGA	0	0	
mORF_-_1889467	1889467	1889472	-	5	6	TTG	TGA	0	0	
mORF_-_1889474	1889474	1889488	-	6	15	GTG	TGA	0	0	
mORF_-_1889516	1889516	1889578	-	6	63	GTG	TAG	0	0	
mORF_-_1889560	1889560	1889592	-	5	33	TTG	TGA	0	0	
mORF_-_1889609	1889609	1889623	-	6	15	ATG	TAA	0	0	
mORF_-_1889654	1889654	1889740	-	6	87	TTG	TAA	0	0	
mORF_-_1889725	1889725	1889862	-	5	138	TTG	TAA	0	0	
mORF_-_1889903	1889903	1890025	-	6	123	TTG	TAG	0	0	
mORF_-_1890121	1890121	1890174	-	5	54	ATG	TAA	0	0	
mORF_-_1890221	1890221	1890325	-	6	105	ATG	TGA	0	0	
mORF_-_1890301	1890301	1890309	-	5	9	TTG	TGA	0	0	
mORF_-_1890362	1890362	1890436	-	6	75	TTG	TAG	0	0	
mORF_-_1890442	1890442	1890450	-	5	9	GTG	TGA	0	0	
mORF_-_1890473	1890473	1890562	-	6	90	TTG	TAA	0	0	
mORF_-_1890614	1890614	1890631	-	6	18	GTG	TGA	0	0	
mORF_-_1890671	1890671	1890835	-	6	165	ATG	TAA	0	0	
mORF_-_1890703	1890703	1890726	-	5	24	TTG	TAA	0	0	
mORF_-_1890730	1890730	1890789	-	5	60	GTG	TAA	0	0	
mORF_-_1890869	1890869	1890874	-	6	6	ATG	TGA	0	0	
mORF_-_1891172	1891172	1891246	-	6	75	TTG	TAG	0	0	
mORF_-_1891256	1891256	1891261	-	6	6	GTG	TGA	0	0	
mORF_-_1891287	1891287	1891361	-	4	75	GTG	TAA	0	0	
mORF_-_1891292	1891292	1891678	-	6	387	TTG	TGA	0	0	

mORF_-_1891336	1891336	1891452	-	5	117	GTG	TGA	0	0	
mORF_-_1891395	1891395	1891523	-	4	129	GTG	TAG	0	0	
mORF_-_1891459	1891459	1891584	-	5	126	ATG	TAG	0	0	
mORF_-_1891651	1891651	1891671	-	5	21	GTG	TGA	0	0	
mORF_-_1891739	1891739	1891750	-	6	12	TTG	TAA	0	0	
mORF_-_1891769	1891769	1891906	-	6	138	ATG	TAA	0	0	
mORF_-_1891791	1891791	1891796	-	4	6	ATG	TAA	0	0	
mORF_-_1891837	1891837	1891845	-	5	9	ATG	TAG	0	0	
mORF_-_1891855	1891855	1891866	-	5	12	TTG	TAA	0	0	
mORF_-_1891881	1891881	1891934	-	4	54	TTG	TAG	0	0	
mORF_-_1891885	1891885	1892016	-	5	132	GTG	TAG	0	0	
mORF_-_1891950	1891950	1892021	-	4	72	ATG	TAA	0	0	
mORF_-_1892003	1892003	1892071	-	6	69	ATG	TAA	0	0	
mORF_-_1892034	1892034	1892042	-	4	9	GTG	TAA	0	0	
mORF_-_1892076	1892076	1892102	-	4	27	TTG	TAA	0	0	
mORF_-_1892093	1892093	1892344	-	6	252	GTG	TAA	0	0	
mORF_-_1892188	1892188	1892223	-	5	36	TTG	TGA	0	0	
mORF_-_1892341	1892341	1892367	-	5	27	TTG	TGA	0	0	
mORF_-_1892398	1892398	1892448	-	5	51	GTG	TAA	0	0	
mORF_-_1892464	1892464	1892475	-	5	12	ATG	TAA	0	0	
mORF_-_1892469	1892469	1892501	-	4	33	GTG	TGA	0	0	
mORF_-_1892494	1892494	1892631	-	5	138	GTG	TAA	0	0	
mORF_-_1892498	1892498	1892503	-	6	6	ATG	TGA	0	0	
mORF_-_1892523	1892523	1892528	-	4	6	TTG	TGA	0	0	
mORF_-_1892529	1892529	1892540	-	4	12	ATG	TGA	0	0	
mORF_-_1892576	1892576	1892755	-	6	180	ATG	TAA	1	4	pORF_-_1892576
mORF_-_1892686	1892686	1892751	-	5	66	TTG	TGA	0	0	
mORF_-_1892786	1892786	1892806	-	6	21	GTG	TAA	0	0	
mORF_-_1892791	1892791	1892808	-	5	18	ATG	TGA	0	0	
mORF_-_1892901	1892901	1892909	-	4	9	GTG	TAA	0	0	
mORF_-_1892928	1892928	1892951	-	4	24	ATG	TAA	0	0	
mORF_-_1892948	1892948	1893103	-	6	156	ATG	TGA	0	0	
mORF_-_1893025	1893025	1893189	-	5	165	GTG	TAA	0	0	
mORF_-_1893066	1893066	1893116	-	4	51	ATG	TAG	0	0	
mORF_-_1893186	1893186	1893485	-	4	300	ATG	TGA	0	0	
mORF_-_1893242	1893242	1893259	-	6	18	ATG	TAG	0	0	
mORF_-_1893296	1893296	1893388	-	6	93	TTG	TGA	0	0	
mORF_-_1893367	1893367	1893516	-	5	150	ATG	TGA	0	0	
mORF_-_1893526	1893526	1893549	-	5	24	ATG	TAA	0	0	
mORF_-_1893530	1893530	1893655	-	6	126	GTG	TGA	0	0	
mORF_-_1893550	1893550	1893582	-	5	33	TTG	TAA	0	0	
mORF_-_1893646	1893646	1893663	-	5	18	GTG	TAA	0	0	
mORF_-_1893657	1893657	1893695	-	4	39	TTG	TAG	0	0	
mORF_-_1893677	1893677	1893691	-	6	15	TTG	TGA	0	0	
mORF_-_1893753	1893753	1893869	-	4	117	TTG	TAA	0	0	
mORF_-_1893842	1893842	1894009	-	6	168	ATG	TGA	0	0	
mORF_-_1893850	1893850	1893927	-	5	78	TTG	TGA	0	0	
mORF_-_1893882	1893882	1893887	-	4	6	GTG	TAA	0	0	
mORF_-_1893924	1893924	1894178	-	4	255	TTG	TGA	0	0	
mORF_-_1894013	1894013	1894072	-	6	60	ATG	TAG	0	0	
mORF_-_1894227	1894227	1894256	-	4	30	TTG	TAA	0	0	
mORF_-_1894258	1894258	1894416	-	5	159	ATG	TAA	0	0	
mORF_-_1894272	1894272	1894280	-	4	9	ATG	TAG	0	0	
mORF_-_1894283	1894283	1894306	-	6	24	ATG	TGA	0	0	
mORF_-_1894296	1894296	1894376	-	4	81	TTG	TAA	0	0	
mORF_-_1894352	1894352	1894516	-	6	165	GTG	TGA	0	0	
mORF_-_1894520	1894520	1894546	-	6	27	ATG	TAG	0	0	
mORF_-_1894546	1894546	1894674	-	5	129	GTG	TAA	0	0	
mORF_-_1894623	1894623	1894643	-	4	21	GTG	TAA	0	0	
mORF_-_1894655	1894655	1894813	-	6	159	TTG	TAG	0	0	
mORF_-_1894671	1894671	1894754	-	4	84	TTG	TGA	0	0	
mORF_-_1894785	1894785	1894790	-	4	6	ATG	TAA	0	0	
mORF_-_1894791	1894791	1894817	-	4	27	ATG	TAG	0	0	

mORF_-_1894814	1894814	1894822	-	6	9	TTG	TGA	0	0
mORF_-_1894852	1894852	1894860	-	5	9	ATG	TAA	0	0
mORF_-_1894893	1894893	1894898	-	4	6	GTG	TAA	0	0
mORF_-_1894911	1894911	1894937	-	4	27	GTG	TAA	0	0
mORF_-_1894934	1894934	1894975	-	6	42	ATG	TGA	0	0
mORF_-_1894978	1894978	1895001	-	5	24	ATG	TAA	0	0
mORF_-_1894998	1894998	1895009	-	4	12	ATG	TGA	0	0
mORF_-_1895080	1895080	1895112	-	5	33	GTG	TAA	0	0
mORF_-_1895102	1895102	1895287	-	6	186	TTG	TAA	0	0
mORF_-_1895109	1895109	1895861	-	4	753	GTG	TGA	0	0
mORF_-_1895212	1895212	1895253	-	5	42	GTG	TAA	0	0
mORF_-_1895300	1895300	1895311	-	6	12	TTG	TGA	0	0
mORF_-_1895369	1895369	1895377	-	6	9	TTG	TAG	0	0
mORF_-_1895384	1895384	1895392	-	6	9	ATG	TAA	0	0
mORF_-_1895429	1895429	1895479	-	6	51	GTG	TGA	0	0
mORF_-_1895510	1895510	1895815	-	6	306	TTG	TAG	0	0
mORF_-_1895530	1895530	1895667	-	5	138	GTG	TAG	0	0
mORF_-_1895767	1895767	1895811	-	5	45	TTG	TAA	0	0
mORF_-_1895852	1895852	1895887	-	6	36	ATG	TAG	0	0
mORF_-_1895897	1895897	1896082	-	6	186	TTG	TAA	0	0
mORF_-_1895902	1895902	1895928	-	5	27	ATG	TAA	0	0
mORF_-_1895947	1895947	1896000	-	5	54	TTG	TAG	0	0
mORF_-_1895997	1895997	1896080	-	4	84	GTG	TGA	0	0
mORF_-_1896119	1896119	1896304	-	6	186	TTG	TGA	0	0
mORF_-_1896166	1896166	1896204	-	5	39	GTG	TAA	0	0
mORF_-_1896226	1896226	1896300	-	5	75	TTG	TGA	0	0
mORF_-_1896317	1896317	1896394	-	6	78	GTG	TAG	0	0
mORF_-_1896327	1896327	1896344	-	4	18	TTG	TAA	0	0
mORF_-_1896394	1896394	1896465	-	5	72	TTG	TAG	0	0
mORF_-_1896413	1896413	1896463	-	6	51	GTG	TGA	0	0
mORF_-_1896435	1896435	1896473	-	4	39	ATG	TAA	0	0
mORF_-_1896473	1896473	1896520	-	6	48	GTG	TAA	0	0
mORF_-_1896554	1896554	1896847	-	6	294	GTG	TAA	0	0
mORF_-_1896571	1896571	1896606	-	5	36	GTG	TAA	0	0
mORF_-_1896576	1896576	1896602	-	4	27	TTG	TGA	0	0
mORF_-_1896603	1896603	1896767	-	4	165	GTG	TGA	0	0
mORF_-_1896640	1896640	1896699	-	5	60	ATG	TAG	0	0
mORF_-_1896706	1896706	1896843	-	5	138	TTG	TAA	0	0
mORF_-_1896771	1896771	1896785	-	4	15	ATG	TAA	0	0
mORF_-_1896792	1896792	1896818	-	4	27	ATG	TAA	0	0
mORF_-_1896850	1896850	1896903	-	5	54	TTG	TAA	0	0
mORF_-_1896900	1896900	1897028	-	4	129	TTG	TGA	0	0
mORF_-_1896950	1896950	1896988	-	6	39	GTG	TAA	0	0
mORF_-_1896961	1896961	1897182	-	5	222	TTG	TAA	0	0
mORF_-_1897041	1897041	1897085	-	4	45	TTG	TAG	0	0
mORF_-_1897095	1897095	1897127	-	4	33	ATG	TGA	0	0
mORF_-_1897148	1897148	1897180	-	6	33	GTG	TAG	0	0
mORF_-_1897207	1897207	1897338	-	5	132	TTG	TAA	0	0
mORF_-_1897218	1897218	1897223	-	4	6	ATG	TAG	0	0
mORF_-_1897242	1897242	1897271	-	4	30	TTG	TAA	0	0
mORF_-_1897308	1897308	1897373	-	4	66	TTG	TGA	0	0
mORF_-_1897319	1897319	1897396	-	6	78	GTG	TAA	0	0
mORF_-_1897393	1897393	1897431	-	5	39	ATG	TGA	0	0
mORF_-_1897412	1897412	1897444	-	6	33	GTG	TAG	0	0
mORF_-_1897432	1897432	1897605	-	5	174	TTG	TAA	0	0
mORF_-_1897452	1897452	1897472	-	4	21	ATG	TAG	0	0
mORF_-_1897509	1897509	1897571	-	4	63	TTG	TGA	0	0
mORF_-_1897520	1897520	1897531	-	6	12	GTG	TAA	0	0
mORF_-_1897599	1897599	1897622	-	4	24	GTG	TGA	0	0
mORF_-_1897636	1897636	1897674	-	5	39	ATG	TAA	0	0
mORF_-_1897650	1897650	1897832	-	4	183	ATG	TAA	0	0
mORF_-_1897685	1897685	1897777	-	6	93	ATG	TGA	0	0
mORF_-_1897774	1897774	1897932	-	5	159	TTG	TGA	0	0

mORF_-_1897829	1897829	1897948	-	6	120	GTG	TGA	0	0	
mORF_-_1897911	1897911	1898033	-	4	123	ATG	TGA	0	0	
mORF_-_1897960	1897960	1898022	-	5	63	ATG	TAG	0	0	
mORF_-_1898046	1898046	1898126	-	4	81	TTG	TAA	0	0	
mORF_-_1898053	1898053	1899609	-	5	1557	ATG	TAA	4	8	pORF_-_1898053
mORF_-_1898148	1898148	1898156	-	4	9	TTG	TAG	0	0	
mORF_-_1898157	1898157	1898186	-	4	30	ATG	TGA	0	0	
mORF_-_1898196	1898196	1898270	-	4	75	ATG	TGA	0	0	
mORF_-_1898289	1898289	1898405	-	4	117	TTG	TAA	0	0	
mORF_-_1898415	1898415	1898672	-	4	258	TTG	TGA	0	0	
mORF_-_1898591	1898591	1898602	-	6	12	ATG	TGA	0	0	
mORF_-_1898679	1898679	1898687	-	4	9	GTG	TAA	0	0	
mORF_-_1898745	1898745	1898822	-	4	78	ATG	TGA	0	0	
mORF_-_1898844	1898844	1898966	-	4	123	ATG	TGA	0	0	
mORF_-_1899015	1899015	1899023	-	4	9	TTG	TGA	0	0	
mORF_-_1899084	1899084	1899122	-	4	39	TTG	TGA	0	0	
mORF_-_1899177	1899177	1899293	-	4	117	ATG	TAA	0	0	
mORF_-_1899290	1899290	1899412	-	6	123	ATG	TGA	0	0	
mORF_-_1899444	1899444	1899563	-	4	120	TTG	TGA	0	0	
mORF_-_1899530	1899530	1899583	-	6	54	TTG	TAA	0	0	
mORF_-_1899597	1899597	1899851	-	4	255	TTG	TAA	0	0	
mORF_-_1899623	1899623	1899670	-	6	48	TTG	TAA	0	0	
mORF_-_1899634	1899634	1899693	-	5	60	ATG	TAG	0	0	
mORF_-_1899808	1899808	1899864	-	5	57	TTG	TGA	0	0	
mORF_-_1899891	1899891	1899923	-	4	33	GTG	TAG	0	0	
mORF_-_1899907	1899907	1900101	-	5	195	ATG	TAA	0	0	
mORF_-_1899920	1899920	1899925	-	6	6	ATG	TGA	0	0	
mORF_-_1899987	1899987	1900037	-	4	51	GTG	TAA	0	0	
mORF_-_1900019	1900019	1900030	-	6	12	ATG	TGA	0	0	
mORF_-_1900047	1900047	1900220	-	4	174	TTG	TAA	0	0	
mORF_-_1900088	1900088	1900099	-	6	12	GTG	TAA	0	0	
mORF_-_1900124	1900124	1900234	-	6	111	TTG	TAA	0	0	
mORF_-_1900144	1900144	1900329	-	5	186	ATG	TAA	0	0	
mORF_-_1900224	1900224	1900322	-	4	99	TTG	TGA	0	0	
mORF_-_1900247	1900247	1900276	-	6	30	ATG	TAG	0	0	
mORF_-_1900329	1900329	1900466	-	4	138	TTG	TAA	0	0	
mORF_-_1900349	1900349	1900546	-	6	198	TTG	TAA	0	0	
mORF_-_1900375	1900375	1900728	-	5	354	GTG	TAA	0	0	
mORF_-_1900551	1900551	1900556	-	4	6	ATG	TAG	0	0	
mORF_-_1900599	1900599	1900745	-	4	147	TTG	TGA	1	2	pORF_-_1900599
mORF_-_1900652	1900652	1900690	-	6	39	GTG	TAA	0	0	
mORF_-_1900694	1900694	1900726	-	6	33	GTG	TGA	0	0	
mORF_-_1900758	1900758	1900853	-	4	96	GTG	TAG	0	0	
mORF_-_1900802	1900802	1900813	-	6	12	TTG	TAA	0	0	
mORF_-_1900859	1900859	1900879	-	6	21	ATG	TAA	0	0	
mORF_-_1900884	1900884	1901063	-	4	180	GTG	TGA	0	0	
mORF_-_1901060	1901060	1901074	-	6	15	GTG	TGA	0	0	
mORF_-_1901064	1901064	1901126	-	4	63	TTG	TGA	0	0	
mORF_-_1901071	1901071	1901076	-	5	6	GTG	TGA	0	0	
mORF_-_1901077	1901077	1901106	-	5	30	TTG	TAA	0	0	
mORF_-_1901084	1901084	1901119	-	6	36	GTG	TAA	0	0	
mORF_-_1901140	1901140	1901172	-	5	33	TTG	TAA	0	0	
mORF_-_1901169	1901169	1901195	-	4	27	GTG	TGA	0	0	
mORF_-_1901192	1901192	1901353	-	6	162	ATG	TGA	0	0	
mORF_-_1901202	1901202	1901963	-	4	762	TTG	TAG	0	0	
mORF_-_1901359	1901359	1901403	-	5	45	TTG	TAA	0	0	
mORF_-_1901372	1901372	1901668	-	6	297	ATG	TGA	0	0	
mORF_-_1901452	1901452	1901550	-	5	99	TTG	TAA	0	0	
mORF_-_1901684	1901684	1901704	-	6	21	ATG	TAA	0	0	
mORF_-_1901698	1901698	1901760	-	5	63	ATG	TGA	0	0	
mORF_-_1901735	1901735	1901767	-	6	33	TTG	TAG	0	0	
mORF_-_1901816	1901816	1901842	-	6	27	TTG	TAG	0	0	
mORF_-_1901827	1901827	1901931	-	5	105	TTG	TAA	0	0	

mORF_-_1901864	1901864	1901881	-	6	18	TTG	TGA	0	0	
mORF_-_1901933	1901933	1901959	-	6	27	GTG	TGA	0	0	
mORF_-_1901992	1901992	1902036	-	5	45	GTG	TAG	0	0	
mORF_-_1902009	1902009	1902122	-	4	114	GTG	TGA	0	0	
mORF_-_1902052	1902052	1902066	-	5	15	TTG	TAG	0	0	
mORF_-_1902077	1902077	1902091	-	6	15	TTG	TAG	0	0	
mORF_-_1902119	1902119	1902373	-	6	255	ATG	TGA	0	0	
mORF_-_1902238	1902238	1902318	-	5	81	GTG	TGA	0	0	
mORF_-_1902351	1902351	1902599	-	4	249	GTG	TAA	0	0	
mORF_-_1902379	1902379	1902399	-	5	21	TTG	TAA	0	0	
mORF_-_1902425	1902425	1902730	-	6	306	ATG	TAA	0	0	
mORF_-_1902514	1902514	1902525	-	5	12	ATG	TGA	0	0	
mORF_-_1902529	1902529	1902543	-	5	15	GTG	TAA	0	0	
mORF_-_1902616	1902616	1902651	-	5	36	GTG	TAG	0	0	
mORF_-_1902727	1902727	1902831	-	5	105	TTG	TGA	0	0	
mORF_-_1902743	1902743	1902859	-	6	117	ATG	TAA	0	0	
mORF_-_1902822	1902822	1903019	-	4	198	ATG	TAA	0	0	
mORF_-_1902856	1902856	1902867	-	5	12	GTG	TGA	0	0	
mORF_-_1902890	1902890	1902991	-	6	102	ATG	TGA	0	0	
mORF_-_1902898	1902898	1902933	-	5	36	TTG	TGA	0	0	
mORF_-_1902998	1902998	1903012	-	6	15	GTG	TAG	0	0	
mORF_-_1903009	1903009	1903053	-	5	45	GTG	TGA	0	0	
mORF_-_1903044	1903044	1903199	-	4	156	TTG	TAA	0	0	
mORF_-_1903070	1903070	1903159	-	6	90	TTG	TAA	0	0	
mORF_-_1903156	1903156	1903275	-	5	120	TTG	TGA	0	0	
mORF_-_1903272	1903272	1903280	-	4	9	TTG	TGA	0	0	
mORF_-_1903277	1903277	1903300	-	6	24	TTG	TGA	0	0	
mORF_-_1903320	1903320	1903334	-	4	15	ATG	TAA	0	0	
mORF_-_1903371	1903371	1903403	-	4	33	TTG	TAA	0	0	
mORF_-_1903376	1903376	1903420	-	6	45	TTG	TAA	0	0	
mORF_-_1903417	1903417	1903446	-	5	30	TTG	TGA	0	0	
mORF_-_1903455	1903455	1903466	-	4	12	TTG	TAA	0	0	
mORF_-_1903473	1903473	1903604	-	4	132	TTG	TAA	0	0	
mORF_-_1903487	1903487	1903558	-	6	72	GTG	TGA	0	0	
mORF_-_1903531	1903531	1903548	-	5	18	TTG	TGA	0	0	
mORF_-_1903576	1903576	1903599	-	5	24	GTG	TGA	0	0	
mORF_-_1903608	1903608	1903637	-	4	30	GTG	TAG	0	0	
mORF_-_1903634	1903634	1903651	-	6	18	ATG	TGA	0	0	
mORF_-_1903648	1903648	1903659	-	5	12	ATG	TGA	0	0	
mORF_-_1903699	1903699	1904241	-	5	543	ATG	TGA	0	0	
mORF_-_1903725	1903725	1903820	-	4	96	ATG	TAG	0	0	
mORF_-_1903772	1903772	1903798	-	6	27	ATG	TGA	0	0	
mORF_-_1903889	1903889	1904020	-	6	132	GTG	TAA	0	0	
mORF_-_1904109	1904109	1904141	-	4	33	TTG	TAA	0	0	
mORF_-_1904148	1904148	1904159	-	4	12	ATG	TAA	0	0	
mORF_-_1904181	1904181	1904192	-	4	12	TTG	TAA	0	0	
mORF_-_1904189	1904189	1904272	-	6	84	GTG	TGA	0	0	
mORF_-_1904193	1904193	1904378	-	4	186	TTG	TAA	0	0	
mORF_-_1904275	1904275	1905084	-	5	810	ATG	TAA	6	18	pORF_-_1904275
mORF_-_1904385	1904385	1904507	-	4	123	ATG	TGA	0	0	
mORF_-_1904411	1904411	1904437	-	6	27	GTG	TGA	0	0	
mORF_-_1904606	1904606	1904683	-	6	78	TTG	TAA	0	0	
mORF_-_1904628	1904628	1904681	-	4	54	GTG	TAA	0	0	
mORF_-_1904724	1904724	1904840	-	4	117	TTG	TAG	0	0	
mORF_-_1904850	1904850	1904897	-	4	48	ATG	TGA	0	0	
mORF_-_1904922	1904922	1905191	-	4	270	ATG	TGA	0	0	
mORF_-_1905041	1905041	1905115	-	6	75	TTG	TGA	0	0	
mORF_-_1905103	1905103	1905228	-	5	126	GTG	TAG	0	0	
mORF_-_1905128	1905128	1905142	-	6	15	TTG	TGA	0	0	
mORF_-_1905225	1905225	1905230	-	4	6	GTG	TGA	0	0	
mORF_-_1905250	1905250	1905459	-	5	210	ATG	TGA	37	2718	pORF_-_1905250
mORF_-_1905261	1905261	1905575	-	4	315	TTG	TAA	0	0	
mORF_-_1905416	1905416	1905433	-	6	18	GTG	TAA	0	0	

mORF_-_1905446	1905446	1905499	-	6	54	ATG	TAA	0	0	
mORF_-_1905472	1905472	1905615	-	5	144	ATG	TAA	0	0	
mORF_-_1905521	1905521	1905529	-	6	9	ATG	TAA	0	0	
mORF_-_1905585	1905585	1905662	-	4	78	TTG	TGA	0	0	
mORF_-_1905596	1905596	1905613	-	6	18	GTG	TAA	0	0	
mORF_-_1905653	1905653	1905658	-	6	6	ATG	TGA	0	0	
mORF_-_1905665	1905665	1905751	-	6	87	TTG	TAA	0	0	
mORF_-_1905669	1905669	1905743	-	4	75	GTG	TAA	0	0	
mORF_-_1905700	1905700	1905774	-	5	75	ATG	TGA	0	0	
mORF_-_1905780	1905780	1905836	-	4	57	TTG	TAA	0	0	
mORF_-_1905806	1905806	1905829	-	6	24	ATG	TAA	0	0	
mORF_-_1905823	1905823	1905894	-	5	72	GTG	TAG	0	0	
mORF_-_1905872	1905872	1905940	-	6	69	ATG	TAA	0	0	
mORF_-_1905891	1905891	1905896	-	4	6	ATG	TGA	0	0	
mORF_-_1905922	1905922	1905930	-	5	9	GTG	TAA	0	0	
mORF_-_1905966	1905966	1905992	-	4	27	TTG	TAA	0	0	
mORF_-_1905971	1905971	1905985	-	6	15	TTG	TAG	0	0	
mORF_-_1906006	1906006	1906044	-	5	39	TTG	TAA	0	0	
mORF_-_1906041	1906041	1906076	-	4	36	GTG	TGA	0	0	
mORF_-_1906060	1906060	1906086	-	5	27	GTG	TAG	0	0	
mORF_-_1906079	1906079	1906153	-	6	75	TTG	TAA	0	0	
mORF_-_1906083	1906083	1906103	-	4	21	ATG	TGA	0	0	
mORF_-_1906180	1906180	1906215	-	5	36	ATG	TGA	0	0	
mORF_-_1906193	1906193	1906255	-	6	63	TTG	TAA	0	0	
mORF_-_1906230	1906230	1906538	-	4	309	TTG	TGA	1	5	pORF_-_1906230
mORF_-_1906285	1906285	1906572	-	5	288	ATG	TAA	0	0	
mORF_-_1906352	1906352	1906384	-	6	33	GTG	TAA	0	0	
mORF_-_1906454	1906454	1906489	-	6	36	GTG	TAA	0	0	
mORF_-_1906557	1906557	1906562	-	4	6	TTG	TAA	0	0	
mORF_-_1906569	1906569	1906580	-	4	12	GTG	TGA	0	0	
mORF_-_1906596	1906596	1906607	-	4	12	GTG	TAG	0	0	
mORF_-_1906601	1906601	1906699	-	6	99	ATG	TAG	0	0	
mORF_-_1906627	1906627	1906653	-	5	27	GTG	TAG	0	0	
mORF_-_1906647	1906647	1906790	-	4	144	GTG	TGA	0	0	
mORF_-_1906666	1906666	1906776	-	5	111	ATG	TAA	0	0	
mORF_-_1906712	1906712	1906762	-	6	51	TTG	TGA	0	0	
mORF_-_1906787	1906787	1906807	-	6	21	GTG	TGA	0	0	
mORF_-_1906813	1906813	1906821	-	5	9	ATG	TAA	0	0	
mORF_-_1906821	1906821	1906832	-	4	12	ATG	TAA	0	0	
mORF_-_1906896	1906896	1906904	-	4	9	ATG	TGA	0	0	
mORF_-_1906918	1906918	1907037	-	5	120	TTG	TAA	0	0	
mORF_-_1906971	1906971	1906985	-	4	15	GTG	TAA	0	0	
mORF_-_1907054	1907054	1907113	-	6	60	GTG	TAA	0	0	
mORF_-_1907071	1907071	1907166	-	5	96	TTG	TAG	0	0	
mORF_-_1907115	1907115	1907213	-	4	99	GTG	TAG	0	0	
mORF_-_1907153	1907153	1907194	-	6	42	TTG	TAA	0	0	
mORF_-_1907231	1907231	1907239	-	6	9	TTG	TAA	0	0	
mORF_-_1907246	1907246	1907332	-	6	87	ATG	TAA	0	0	
mORF_-_1907283	1907283	1907402	-	4	120	ATG	TAG	0	0	
mORF_-_1907332	1907332	1908123	-	5	792	ATG	TGA	27	109	pORF_-_1907332
mORF_-_1907451	1907451	1907633	-	4	183	TTG	TGA	0	0	
mORF_-_1907480	1907480	1907503	-	6	24	ATG	TGA	0	0	
mORF_-_1907643	1907643	1907771	-	4	129	TTG	TGA	0	0	
mORF_-_1907648	1907648	1907665	-	6	18	ATG	TGA	0	0	
mORF_-_1907814	1907814	1907831	-	4	18	GTG	TGA	0	0	
mORF_-_1907856	1907856	1907894	-	4	39	TTG	TAA	0	0	
mORF_-_1907907	1907907	1907945	-	4	39	ATG	TGA	0	0	
mORF_-_1908027	1908027	1908065	-	4	39	TTG	TAG	0	0	
mORF_-_1908116	1908116	1908130	-	6	15	GTG	TAA	0	0	
mORF_-_1908127	1908127	1908198	-	5	72	TTG	TGA	0	0	
mORF_-_1908155	1908155	1908184	-	6	30	GTG	TGA	0	0	
mORF_-_1908171	1908171	1908284	-	4	114	TTG	TAA	0	0	
mORF_-_1908214	1908214	1908234	-	5	21	ATG	TAA	0	0	

mORF_-_1908218	1908218	1908262	-	6	45	ATG	TAA	0	0	
mORF_-_1908298	1908298	1908423	-	5	126	TTG	TAG	0	0	
mORF_-_1908311	1908311	1908430	-	6	120	GTG	TGA	0	0	
mORF_-_1908354	1908354	1908482	-	4	129	TTG	TAA	0	0	
mORF_-_1908437	1908437	1908460	-	6	24	ATG	TGA	0	0	
mORF_-_1908479	1908479	1908496	-	6	18	ATG	TGA	0	0	
mORF_-_1908493	1908493	1908585	-	5	93	GTG	TGA	0	0	
mORF_-_1908548	1908548	1908637	-	6	90	ATG	TAA	0	0	
mORF_-_1908582	1908582	1908704	-	4	123	TTG	TGA	0	0	
mORF_-_1908670	1908670	1908681	-	5	12	GTG	TAA	0	0	
mORF_-_1908682	1908682	1908702	-	5	21	GTG	TAA	0	0	
mORF_-_1908695	1908695	1908958	-	6	264	GTG	TAG	0	0	
mORF_-_1908739	1908739	1908801	-	5	63	ATG	TAA	0	0	
mORF_-_1908841	1908841	1908876	-	5	36	GTG	TAA	0	0	
mORF_-_1908936	1908936	1908986	-	4	51	TTG	TAA	0	0	
mORF_-_1908977	1908977	1909126	-	6	150	GTG	TGA	0	0	
mORF_-_1909042	1909042	1909113	-	5	72	GTG	TAA	0	0	
mORF_-_1909110	1909110	1909187	-	4	78	TTG	TGA	0	0	
mORF_-_1909117	1909117	1909248	-	5	132	TTG	TAG	0	0	
mORF_-_1909242	1909242	1909295	-	4	54	ATG	TAA	0	0	
mORF_-_1909274	1909274	1909498	-	6	225	ATG	TAG	0	0	
mORF_-_1909327	1909327	1909371	-	5	45	GTG	TGA	0	0	
mORF_-_1909387	1909387	1909437	-	5	51	GTG	TAA	0	0	
mORF_-_1909434	1909434	1909448	-	4	15	GTG	TGA	0	0	
mORF_-_1909456	1909456	1909584	-	5	129	GTG	TAA	0	0	
mORF_-_1909557	1909557	1909586	-	4	30	GTG	TAG	0	0	
mORF_-_1909562	1909562	1909651	-	6	90	GTG	TGA	0	0	
mORF_-_1909648	1909648	1909671	-	5	24	ATG	TGA	0	0	
mORF_-_1909709	1909709	1909717	-	6	9	ATG	TAA	0	0	
mORF_-_1909719	1909719	1910600	-	4	882	ATG	TAA	7	11	pORF_-_1909719
mORF_-_1909724	1909724	1909753	-	6	30	TTG	TGA	0	0	
mORF_-_1909778	1909778	1909792	-	6	15	GTG	TGA	0	0	
mORF_-_1909829	1909829	1909855	-	6	27	ATG	TGA	0	0	
mORF_-_1909865	1909865	1909885	-	6	21	TTG	TGA	0	0	
mORF_-_1909886	1909886	1910014	-	6	129	TTG	TGA	0	0	
mORF_-_1909936	1909936	1909956	-	5	21	GTG	TGA	0	0	
mORF_-_1910021	1910021	1910083	-	6	63	TTG	TGA	0	0	
mORF_-_1910144	1910144	1910191	-	6	48	TTG	TGA	0	0	
mORF_-_1910192	1910192	1910209	-	6	18	ATG	TAA	0	0	
mORF_-_1910216	1910216	1910302	-	6	87	ATG	TGA	0	0	
mORF_-_1910260	1910260	1910373	-	5	114	TTG	TGA	0	0	
mORF_-_1910386	1910386	1910436	-	5	51	ATG	TAA	0	0	
mORF_-_1910402	1910402	1910416	-	6	15	TTG	TGA	0	0	
mORF_-_1910444	1910444	1910470	-	6	27	TTG	TGA	0	0	
mORF_-_1910611	1910611	1910634	-	5	24	TTG	TAA	0	0	
mORF_-_1910616	1910616	1910648	-	4	33	GTG	TGA	0	0	
mORF_-_1910621	1910621	1910698	-	6	78	GTG	TAA	0	0	
mORF_-_1910659	1910659	1910676	-	5	18	TTG	TAA	0	0	
mORF_-_1910673	1910673	1910729	-	4	57	ATG	TGA	0	0	
mORF_-_1910695	1910695	1910835	-	5	141	TTG	TGA	0	0	
mORF_-_1910714	1910714	1910719	-	6	6	ATG	TAA	0	0	
mORF_-_1910735	1910735	1910743	-	6	9	ATG	TAA	0	0	
mORF_-_1910754	1910754	1910771	-	4	18	TTG	TAA	0	0	
mORF_-_1910792	1910792	1912888	-	6	2097	TTG	TAA	66	601	pORF_-_1910792
mORF_-_1910860	1910860	1910913	-	5	54	ATG	TGA	0	0	
mORF_-_1910959	1910959	1911006	-	5	48	GTG	TGA	0	0	
mORF_-_1911073	1911073	1911114	-	5	42	ATG	TGA	0	0	
mORF_-_1911124	1911124	1911141	-	5	18	TTG	TGA	0	0	
mORF_-_1911163	1911163	1911240	-	5	78	ATG	TGA	0	0	
mORF_-_1911186	1911186	1911194	-	4	9	GTG	TAG	0	0	
mORF_-_1911297	1911297	1911350	-	4	54	ATG	TAA	0	0	
mORF_-_1911382	1911382	1911594	-	5	213	TTG	TGA	0	0	
mORF_-_1911640	1911640	1911726	-	5	87	ATG	TAA	0	0	

mORF_-_1911733	1911733	1911744	-	5	12	ATG	TGA	0	0	
mORF_-_1911793	1911793	1911837	-	5	45	GTG	TGA	0	0	
mORF_-_1911922	1911922	1911954	-	5	33	TTG	TAA	0	0	
mORF_-_1911955	1911955	1912098	-	5	144	TTG	TGA	0	0	
mORF_-_1912117	1912117	1912188	-	5	72	TTG	TGA	0	0	
mORF_-_1912195	1912195	1912251	-	5	57	TTG	TGA	0	0	
mORF_-_1912267	1912267	1912278	-	5	12	GTG	TGA	0	0	
mORF_-_1912335	1912335	1912346	-	4	12	GTG	TAA	0	0	
mORF_-_1912354	1912354	1912536	-	5	183	ATG	TGA	0	0	
mORF_-_1912540	1912540	1912575	-	5	36	ATG	TAG	0	0	
mORF_-_1912615	1912615	1912629	-	5	15	TTG	TGA	0	0	
mORF_-_1912696	1912696	1912707	-	5	12	GTG	TAA	0	0	
mORF_-_1912708	1912708	1912719	-	5	12	ATG	TAA	0	0	
mORF_-_1912735	1912735	1912758	-	5	24	GTG	TAA	0	0	
mORF_-_1912792	1912792	1912800	-	5	9	TTG	TAG	0	0	
mORF_-_1912860	1912860	1913558	-	4	699	ATG	TGA	53	426	pORF_-_1912860
mORF_-_1912940	1912940	1912954	-	6	15	ATG	TAG	0	0	
mORF_-_1913072	1913072	1913266	-	6	195	ATG	TAG	0	0	
mORF_-_1913270	1913270	1913341	-	6	72	GTG	TAG	0	0	
mORF_-_1913290	1913290	1913298	-	5	9	ATG	TGA	0	0	
mORF_-_1913408	1913408	1913425	-	6	18	GTG	TGA	0	0	
mORF_-_1913456	1913456	1913482	-	6	27	GTG	TGA	0	0	
mORF_-_1913537	1913537	1913602	-	6	66	ATG	TGA	0	0	
mORF_-_1913542	1913542	1913592	-	5	51	TTG	TAA	0	0	
mORF_-_1913571	1913571	1913615	-	4	45	ATG	TAA	0	0	
mORF_-_1913639	1913639	1913797	-	6	159	TTG	TAG	0	0	
mORF_-_1913655	1913655	1914206	-	4	552	ATG	TAA	30	440	pORF_-_1913655
mORF_-_1913810	1913810	1914004	-	6	195	TTG	TGA	0	0	
mORF_-_1913869	1913869	1913928	-	5	60	GTG	TGA	0	0	
mORF_-_1914026	1914026	1914070	-	6	45	TTG	TAA	0	0	
mORF_-_1914152	1914152	1914163	-	6	12	GTG	TAA	0	0	
mORF_-_1914160	1914160	1914240	-	5	81	ATG	TGA	0	0	
mORF_-_1914237	1914237	1914422	-	4	186	TTG	TGA	0	0	
mORF_-_1914266	1914266	1914295	-	6	30	GTG	TAA	0	0	
mORF_-_1914289	1914289	1914300	-	5	12	GTG	TAA	0	0	
mORF_-_1914304	1914304	1914336	-	5	33	TTG	TAA	0	0	
mORF_-_1914362	1914362	1914388	-	6	27	ATG	TAA	0	0	
mORF_-_1914394	1914394	1914495	-	5	102	TTG	TAA	0	0	
mORF_-_1914443	1914443	1914688	-	6	246	ATG	TGA	0	0	
mORF_-_1914477	1914477	1914551	-	4	75	ATG	TAG	0	0	
mORF_-_1914561	1914561	1914605	-	4	45	TTG	TAA	0	0	
mORF_-_1914726	1914726	1914833	-	4	108	ATG	TAA	1	2	pORF_-_1914726
mORF_-_1914782	1914782	1914796	-	6	15	ATG	TAG	0	0	
mORF_-_1914808	1914808	1914900	-	5	93	GTG	TAG	0	0	
mORF_-_1914897	1914897	1915037	-	4	141	ATG	TGA	0	0	
mORF_-_1914994	1914994	1915101	-	5	108	TTG	TAA	0	0	
mORF_-_1915044	1915044	1915073	-	4	30	TTG	TAG	0	0	
mORF_-_1915061	1915061	1915144	-	6	84	ATG	TGA	0	0	
mORF_-_1915141	1915141	1915176	-	5	36	TTG	TGA	0	0	
mORF_-_1915145	1915145	1915297	-	6	153	ATG	TAA	0	0	
mORF_-_1915189	1915189	1915203	-	5	15	TTG	TAA	0	0	
mORF_-_1915284	1915284	1915316	-	4	33	TTG	TAA	0	0	
mORF_-_1915298	1915298	1915405	-	6	108	ATG	TGA	0	0	
mORF_-_1915303	1915303	1915329	-	5	27	GTG	TAA	0	0	
mORF_-_1915486	1915486	1915533	-	5	48	GTG	TAG	0	0	
mORF_-_1915518	1915518	1915535	-	4	18	ATG	TAA	0	0	
mORF_-_1915539	1915539	1915619	-	4	81	ATG	TGA	0	0	
mORF_-_1915574	1915574	1915597	-	6	24	GTG	TAA	0	0	
mORF_-_1915624	1915624	1916031	-	5	408	TTG	TAG	0	0	
mORF_-_1915659	1915659	1915685	-	4	27	ATG	TGA	0	0	
mORF_-_1915737	1915737	1915817	-	4	81	TTG	TGA	0	0	
mORF_-_1915814	1915814	1916065	-	6	252	ATG	TGA	0	0	
mORF_-_1915923	1915923	1915934	-	4	12	ATG	TAG	0	0	

mORF_-_1915962	1915962	1916006	-	4	45	TTG	TGA	0	0
mORF_-_1916062	1916062	1916130	-	5	69	TTG	TGA	0	0
mORF_-_1916070	1916070	1916081	-	4	12	TTG	TAG	0	0
mORF_-_1916106	1916106	1916222	-	4	117	TTG	TAG	0	0
mORF_-_1916231	1916231	1916269	-	6	39	GTG	TGA	0	0
mORF_-_1916273	1916273	1916299	-	6	27	GTG	TAA	0	0
mORF_-_1916296	1916296	1916361	-	5	66	GTG	TGA	0	0
mORF_-_1916439	1916439	1916657	-	4	219	TTG	TGA	0	0
mORF_-_1916575	1916575	1916856	-	5	282	ATG	TAA	0	0
mORF_-_1916597	1916597	1916689	-	6	93	GTG	TGA	0	0
mORF_-_1916757	1916757	1916768	-	4	12	ATG	TGA	0	0
mORF_-_1916772	1916772	1916843	-	4	72	ATG	TGA	0	0
mORF_-_1916850	1916850	1916966	-	4	117	TTG	TGA	0	0
mORF_-_1916963	1916963	1917022	-	6	60	GTG	TGA	0	0
mORF_-_1917015	1917015	1917242	-	4	228	TTG	TAG	0	0
mORF_-_1917059	1917059	1917079	-	6	21	TTG	TAA	0	0
mORF_-_1917067	1917067	1917207	-	5	141	ATG	TAA	0	0
mORF_-_1917209	1917209	1917328	-	6	120	ATG	TAA	0	0
mORF_-_1917276	1917276	1917353	-	4	78	TTG	TGA	0	0
mORF_-_1917328	1917328	1917519	-	5	192	TTG	TAA	0	0
mORF_-_1917443	1917443	1917490	-	6	48	TTG	TAA	0	0
mORF_-_1917495	1917495	1917551	-	4	57	TTG	TAG	0	0
mORF_-_1917539	1917539	1917565	-	6	27	TTG	TAA	0	0
mORF_-_1917576	1917576	1917749	-	4	174	ATG	TAA	0	0
mORF_-_1917622	1917622	1917663	-	5	42	ATG	TGA	0	0
mORF_-_1917629	1917629	1917634	-	6	6	GTG	TGA	0	0
mORF_-_1917733	1917733	1917738	-	5	6	TTG	TAA	0	0
mORF_-_1917762	1917762	1917914	-	4	153	ATG	TAA	0	0
mORF_-_1917860	1917860	1917883	-	6	24	ATG	TAA	0	0
mORF_-_1917886	1917886	1918104	-	5	219	GTG	TGA	0	0
mORF_-_1917914	1917914	1917967	-	6	54	ATG	TGA	0	0
mORF_-_1917927	1917927	1917947	-	4	21	TTG	TGA	0	0
mORF_-_1917972	1917972	1918322	-	4	351	ATG	TAA	0	0
mORF_-_1918031	1918031	1918174	-	6	144	GTG	TAA	0	0
mORF_-_1918202	1918202	1918291	-	6	90	TTG	TAA	0	0
mORF_-_1918207	1918207	1918260	-	5	54	GTG	TAG	0	0
mORF_-_1918319	1918319	1918411	-	6	93	TTG	TGA	0	0
mORF_-_1918345	1918345	1918368	-	5	24	ATG	TGA	0	0
mORF_-_1918412	1918412	1918522	-	6	111	ATG	TAA	0	0
mORF_-_1918423	1918423	1918485	-	5	63	TTG	TAA	0	0
mORF_-_1918437	1918437	1918679	-	4	243	TTG	TAA	0	0
mORF_-_1918543	1918543	1918899	-	5	357	TTG	TGA	0	0
mORF_-_1918556	1918556	1918648	-	6	93	TTG	TGA	0	0
mORF_-_1918718	1918718	1918768	-	6	51	ATG	TAA	0	0
mORF_-_1918761	1918761	1918889	-	4	129	GTG	TGA	0	0
mORF_-_1918886	1918886	1918948	-	6	63	ATG	TGA	0	0
mORF_-_1918914	1918914	1918919	-	4	6	GTG	TAG	0	0
mORF_-_1918929	1918929	1919132	-	4	204	GTG	TAA	0	0
mORF_-_1919038	1919038	1919094	-	5	57	TTG	TAA	0	0
mORF_-_1919060	1919060	1919134	-	6	75	TTG	TAA	0	0
mORF_-_1919179	1919179	1919214	-	5	36	TTG	TGA	0	0
mORF_-_1919195	1919195	1919263	-	6	69	TTG	TAA	0	0
mORF_-_1919269	1919269	1919424	-	5	156	TTG	TGA	0	0
mORF_-_1919291	1919291	1919443	-	6	153	ATG	TAA	0	0
mORF_-_1919451	1919451	1919498	-	4	48	GTG	TAA	0	0
mORF_-_1919465	1919465	1919590	-	6	126	TTG	TGA	0	0
mORF_-_1919587	1919587	1919607	-	5	21	TTG	TGA	0	0
mORF_-_1919600	1919600	1919707	-	6	108	GTG	TAA	0	0
mORF_-_1919635	1919635	1919736	-	5	102	TTG	TAG	0	0
mORF_-_1919670	1919670	1919723	-	4	54	ATG	TAA	0	0
mORF_-_1919733	1919733	1919777	-	4	45	TTG	TGA	0	0
mORF_-_1919737	1919737	1919775	-	5	39	GTG	TAG	0	0
mORF_-_1919785	1919785	1919889	-	5	105	ATG	TAG	0	0

mORF_-_1919852	1919852	1919857	-	6	6	GTG	TAA	0	0	
mORF_-_1919912	1919912	1919923	-	6	12	TTG	TAA	0	0	
mORF_-_1919963	1919963	1920010	-	6	48	TTG	TAG	0	0	
mORF_-_1920004	1920004	1920045	-	5	42	TTG	TGA	0	0	
mORF_-_1920024	1920024	1920062	-	4	39	ATG	TAA	0	0	
mORF_-_1920082	1920082	1920252	-	5	171	TTG	TAA	0	0	
mORF_-_1920113	1920113	1920130	-	6	18	GTG	TAA	0	0	
mORF_-_1920210	1920210	1920218	-	4	9	GTG	TAG	0	0	
mORF_-_1920290	1920290	1920316	-	6	27	GTG	TAA	0	0	
mORF_-_1920333	1920333	1920353	-	4	21	TTG	TAA	0	0	
mORF_-_1920337	1920337	1920996	-	5	660	TTG	TAA	0	0	
mORF_-_1920357	1920357	1920488	-	4	132	GTG	TGA	0	0	
mORF_-_1920485	1920485	1920508	-	6	24	GTG	TGA	0	0	
mORF_-_1920489	1920489	1920698	-	4	210	ATG	TAG	0	0	
mORF_-_1920524	1920524	1920541	-	6	18	ATG	TGA	0	0	
mORF_-_1920605	1920605	1920631	-	6	27	ATG	TGA	0	0	
mORF_-_1920665	1920665	1920709	-	6	45	GTG	TAA	0	0	
mORF_-_1920702	1920702	1920755	-	4	54	ATG	TGA	0	0	
mORF_-_1920752	1920752	1920865	-	6	114	GTG	TGA	0	0	
mORF_-_1920765	1920765	1920962	-	4	198	TTG	TAA	0	0	
mORF_-_1920869	1920869	1920886	-	6	18	ATG	TGA	0	0	
mORF_-_1920905	1920905	1920949	-	6	45	ATG	TGA	0	0	
mORF_-_1920993	1920993	1921022	-	4	30	GTG	TGA	0	0	
mORF_-_1921012	1921012	1921035	-	5	24	TTG	TAG	0	0	
mORF_-_1921019	1921019	1921024	-	6	6	ATG	TGA	0	0	
mORF_-_1921094	1921094	1921285	-	6	192	TTG	TGA	0	0	
mORF_-_1921218	1921218	1921304	-	4	87	ATG	TAA	0	0	
mORF_-_1921282	1921282	1921371	-	5	90	TTG	TGA	0	0	
mORF_-_1921389	1921389	1921730	-	4	342	ATG	TAA	15	57	pORF_-_1921389
mORF_-_1921430	1921430	1921462	-	6	33	TTG	TGA	0	0	
mORF_-_1921469	1921469	1921507	-	6	39	TTG	TGA	0	0	
mORF_-_1921529	1921529	1921576	-	6	48	ATG	TAA	0	0	
mORF_-_1921576	1921576	1921590	-	5	15	TTG	TAA	0	0	
mORF_-_1921598	1921598	1921642	-	6	45	TTG	TGA	0	0	
mORF_-_1921612	1921612	1921623	-	5	12	ATG	TAA	0	0	
mORF_-_1921639	1921639	1921806	-	5	168	ATG	TGA	0	0	
mORF_-_1921727	1921727	1921765	-	6	39	TTG	TGA	0	0	
mORF_-_1921743	1921743	1922615	-	4	873	ATG	TGA	0	0	
mORF_-_1921787	1921787	1921795	-	6	9	GTG	TAG	0	0	
mORF_-_1921813	1921813	1921824	-	5	12	GTG	TAA	0	0	
mORF_-_1921817	1921817	1921852	-	6	36	ATG	TGA	0	0	
mORF_-_1921859	1921859	1921897	-	6	39	TTG	TGA	0	0	
mORF_-_1921982	1921982	1921993	-	6	12	ATG	TGA	0	0	
mORF_-_1921993	1921993	1922148	-	5	156	TTG	TAA	0	0	
mORF_-_1922021	1922021	1922029	-	6	9	TTG	TGA	0	0	
mORF_-_1922054	1922054	1922146	-	6	93	GTG	TGA	0	0	
mORF_-_1922189	1922189	1922200	-	6	12	ATG	TAA	0	0	
mORF_-_1922197	1922197	1922400	-	5	204	ATG	TGA	0	0	
mORF_-_1922201	1922201	1922212	-	6	12	ATG	TGA	0	0	
mORF_-_1922306	1922306	1922392	-	6	87	ATG	TAA	0	0	
mORF_-_1922411	1922411	1922446	-	6	36	GTG	TGA	0	0	
mORF_-_1922516	1922516	1922554	-	6	39	TTG	TGA	0	0	
mORF_-_1922619	1922619	1922993	-	4	375	ATG	TAA	4	29	pORF_-_1922619
mORF_-_1922624	1922624	1922686	-	6	63	TTG	TGA	0	0	
mORF_-_1922705	1922705	1922728	-	6	24	TTG	TGA	0	0	
mORF_-_1922729	1922729	1922830	-	6	102	GTG	TGA	0	0	
mORF_-_1922903	1922903	1922914	-	6	12	ATG	TAA	0	0	
mORF_-_1922995	1922995	1923033	-	5	39	ATG	TAA	0	0	
mORF_-_1923023	1923023	1923091	-	6	69	GTG	TAA	0	0	
mORF_-_1923064	1923064	1923081	-	5	18	ATG	TGA	0	0	
mORF_-_1923126	1923126	1923308	-	4	183	GTG	TAA	0	0	
mORF_-_1923148	1923148	1923210	-	5	63	ATG	TAG	0	0	
mORF_-_1923221	1923221	1923325	-	6	105	TTG	TAG	0	0	

mORF_-_1923322	1923322	1923333	-	5	12	GTG	TGA	0	0	
mORF_-_1923341	1923341	1923352	-	6	12	TTG	TAA	0	0	
mORF_-_1923376	1923376	1923381	-	5	6	GTG	TAA	0	0	
mORF_-_1923386	1923386	1923493	-	6	108	TTG	TAA	0	0	
mORF_-_1923405	1923405	1923428	-	4	24	GTG	TAA	0	0	
mORF_-_1923418	1923418	1923432	-	5	15	ATG	TAG	0	0	
mORF_-_1923442	1923442	1923519	-	5	78	GTG	TGA	0	0	
mORF_-_1923462	1923462	1923515	-	4	54	GTG	TAA	0	0	
mORF_-_1923512	1923512	1923571	-	6	60	TTG	TGA	0	0	
mORF_-_1923516	1923516	1923683	-	4	168	TTG	TGA	0	0	
mORF_-_1923659	1923659	1923859	-	6	201	TTG	TAA	0	0	
mORF_-_1923673	1923673	1923705	-	5	33	ATG	TAA	0	0	
mORF_-_1923738	1923738	1923809	-	4	72	ATG	TAA	0	0	
mORF_-_1923799	1923799	1923837	-	5	39	GTG	TGA	0	0	
mORF_-_1923834	1923834	1923887	-	4	54	GTG	TGA	0	0	
mORF_-_1923884	1923884	1923904	-	6	21	TTG	TGA	0	0	
mORF_-_1923894	1923894	1924010	-	4	117	GTG	TAG	0	0	
mORF_-_1923944	1923944	1923949	-	6	6	TTG	TAA	0	0	
mORF_-_1923956	1923956	1923961	-	6	6	ATG	TGA	0	0	
mORF_-_1923961	1923961	1924035	-	5	75	ATG	TGA	0	0	
mORF_-_1924032	1924032	1924085	-	4	54	GTG	TGA	0	0	
mORF_-_1924072	1924072	1924107	-	5	36	ATG	TGA	0	0	
mORF_-_1924082	1924082	1924096	-	6	15	TTG	TGA	0	0	
mORF_-_1924104	1924104	1924241	-	4	138	ATG	TGA	0	0	
mORF_-_1924117	1924117	1924383	-	5	267	ATG	TAG	0	0	
mORF_-_1924271	1924271	1924279	-	6	9	GTG	TAA	0	0	
mORF_-_1924293	1924293	1924313	-	4	21	ATG	TGA	0	0	
mORF_-_1924301	1924301	1924351	-	6	51	GTG	TGA	0	0	
mORF_-_1924356	1924356	1924514	-	4	159	TTG	TAA	0	0	
mORF_-_1924472	1924472	1924504	-	6	33	GTG	TGA	0	0	
mORF_-_1924492	1924492	1924545	-	5	54	GTG	TAA	0	0	
mORF_-_1924563	1924563	1924688	-	4	126	TTG	TAA	0	0	
mORF_-_1924722	1924722	1924757	-	4	36	ATG	TAG	0	0	
mORF_-_1924739	1924739	1924858	-	6	120	ATG	TAA	0	0	
mORF_-_1924774	1924774	1924788	-	5	15	ATG	TAA	0	0	
mORF_-_1924803	1924803	1926863	-	4	2061	ATG	TAA	0	0	
mORF_-_1924868	1924868	1924951	-	6	84	ATG	TAG	0	0	
mORF_-_1924972	1924972	1924998	-	5	27	TTG	TAA	0	0	
mORF_-_1925030	1925030	1925071	-	6	42	ATG	TAA	0	0	
mORF_-_1925087	1925087	1925167	-	6	81	TTG	TGA	0	0	
mORF_-_1925119	1925119	1925127	-	5	9	GTG	TAA	0	0	
mORF_-_1925177	1925177	1925245	-	6	69	TTG	TAA	0	0	
mORF_-_1925236	1925236	1925289	-	5	54	TTG	TAA	0	0	
mORF_-_1925252	1925252	1925305	-	6	54	ATG	TGA	0	0	
mORF_-_1925315	1925315	1925347	-	6	33	ATG	TAA	0	0	
mORF_-_1925347	1925347	1925391	-	5	45	ATG	TAA	0	0	
mORF_-_1925366	1925366	1925446	-	6	81	GTG	TGA	0	0	
mORF_-_1925459	1925459	1925593	-	6	135	GTG	TGA	0	0	
mORF_-_1925590	1925590	1925607	-	5	18	GTG	TGA	0	0	
mORF_-_1925600	1925600	1925635	-	6	36	ATG	TAG	0	0	
mORF_-_1925660	1925660	1925698	-	6	39	TTG	TAA	0	0	
mORF_-_1925717	1925717	1925773	-	6	57	TTG	TGA	0	0	
mORF_-_1925780	1925780	1925812	-	6	33	TTG	TGA	0	0	
mORF_-_1925852	1925852	1925875	-	6	24	TTG	TAA	0	0	
mORF_-_1925872	1925872	1925949	-	5	78	GTG	TGA	0	0	
mORF_-_1925936	1925936	1926124	-	6	189	GTG	TAA	0	0	
mORF_-_1926152	1926152	1926157	-	6	6	ATG	TAG	0	0	
mORF_-_1926281	1926281	1926622	-	6	342	ATG	TGA	1	2	pORF_-_1926281
mORF_-_1926508	1926508	1926534	-	5	27	GTG	TAA	0	0	
mORF_-_1926535	1926535	1926543	-	5	9	GTG	TGA	0	0	
mORF_-_1926713	1926713	1926820	-	6	108	ATG	TGA	0	0	
mORF_-_1926827	1926827	1926889	-	6	63	ATG	TGA	0	0	
mORF_-_1926865	1926865	1927047	-	5	183	TTG	TAA	0	0	

mORF_-_1926891	1926891	1926905	-	4	15	TTG	TAA	0	0	
mORF_-_1926909	1926909	1926941	-	4	33	ATG	TGA	0	0	
mORF_-_1927050	1927050	1927130	-	4	81	ATG	TGA	0	0	
mORF_-_1927072	1927072	1927731	-	5	660	ATG	TAA	2	9	pORF_-_1927072
mORF_-_1927143	1927143	1927163	-	4	21	ATG	TGA	0	0	
mORF_-_1927164	1927164	1927199	-	4	36	TTG	TGA	0	0	
mORF_-_1927196	1927196	1927210	-	6	15	TTG	TGA	0	0	
mORF_-_1927212	1927212	1927412	-	4	201	TTG	TGA	0	0	
mORF_-_1927416	1927416	1927460	-	4	45	TTG	TGA	0	0	
mORF_-_1927505	1927505	1927513	-	6	9	GTG	TAA	0	0	
mORF_-_1927527	1927527	1927565	-	4	39	ATG	TAG	0	0	
mORF_-_1927638	1927638	1927697	-	4	60	TTG	TAG	0	0	
mORF_-_1927716	1927716	1927817	-	4	102	TTG	TAA	0	0	
mORF_-_1927724	1927724	1927744	-	6	21	TTG	TAA	0	0	
mORF_-_1927741	1927741	1927845	-	5	105	TTG	TGA	0	0	
mORF_-_1927842	1927842	1928039	-	4	198	TTG	TGA	0	0	
mORF_-_1927870	1927870	1928058	-	5	189	ATG	TAA	0	0	
mORF_-_1927979	1927979	1928032	-	6	54	TTG	TAG	0	0	
mORF_-_1928048	1928048	1928134	-	6	87	GTG	TGA	0	0	
mORF_-_1928058	1928058	1928426	-	4	369	ATG	TAA	10	60	pORF_-_1928058
mORF_-_1928128	1928128	1928157	-	5	30	ATG	TAA	0	0	
mORF_-_1928141	1928141	1928269	-	6	129	GTG	TAA	0	0	
mORF_-_1928167	1928167	1928196	-	5	30	TTG	TAA	0	0	
mORF_-_1928230	1928230	1928241	-	5	12	TTG	TGA	0	0	
mORF_-_1928273	1928273	1928344	-	6	72	ATG	TAA	0	0	
mORF_-_1928308	1928308	1928313	-	5	6	GTG	TGA	0	0	
mORF_-_1928344	1928344	1928451	-	5	108	ATG	TAA	0	0	
mORF_-_1928411	1928411	1928431	-	6	21	GTG	TGA	0	0	
mORF_-_1928438	1928438	1928521	-	6	84	GTG	TGA	0	0	
mORF_-_1928463	1928463	1928474	-	4	12	TTG	TGA	0	0	
mORF_-_1928481	1928481	1928771	-	4	291	ATG	TGA	6	17	pORF_-_1928481
mORF_-_1928515	1928515	1928595	-	5	81	ATG	TGA	0	0	
mORF_-_1928567	1928567	1928611	-	6	45	GTG	TGA	0	0	
mORF_-_1928645	1928645	1928740	-	6	96	GTG	TGA	0	0	
mORF_-_1928747	1928747	1928857	-	6	111	TTG	TAG	0	0	
mORF_-_1928836	1928836	1928853	-	5	18	GTG	TGA	0	0	
mORF_-_1928889	1928889	1928921	-	4	33	GTG	TGA	0	0	
mORF_-_1928903	1928903	1929046	-	6	144	GTG	TAA	0	0	
mORF_-_1928956	1928956	1929075	-	5	120	ATG	TAA	0	0	
mORF_-_1929033	1929033	1929080	-	4	48	ATG	TAG	0	0	
mORF_-_1929080	1929080	1929133	-	6	54	GTG	TAA	0	0	
mORF_-_1929103	1929103	1929183	-	5	81	TTG	TAA	0	0	
mORF_-_1929135	1929135	1929296	-	4	162	GTG	TAA	0	0	
mORF_-_1929158	1929158	1929226	-	6	69	TTG	TAG	0	0	
mORF_-_1929232	1929232	1929453	-	5	222	TTG	TAA	0	0	
mORF_-_1929297	1929297	1929347	-	4	51	ATG	TAA	0	0	
mORF_-_1929351	1929351	1929392	-	4	42	TTG	TAG	0	0	
mORF_-_1929404	1929404	1929436	-	6	33	ATG	TAA	0	0	
mORF_-_1929523	1929523	1929618	-	5	96	TTG	TAG	0	0	
mORF_-_1929530	1929530	1929676	-	6	147	GTG	TGA	0	0	
mORF_-_1929706	1929706	1929759	-	5	54	ATG	TAG	0	0	
mORF_-_1929734	1929734	1929757	-	6	24	GTG	TGA	0	0	
mORF_-_1929778	1929778	1929789	-	5	12	TTG	TAA	0	0	
mORF_-_1929796	1929796	1929891	-	5	96	TTG	TGA	0	0	
mORF_-_1929878	1929878	1929889	-	6	12	GTG	TAA	0	0	
mORF_-_1929900	1929900	1930037	-	4	138	ATG	TGA	0	0	
mORF_-_1929908	1929908	1930006	-	6	99	GTG	TGA	0	0	
mORF_-_1929958	1929958	1930092	-	5	135	TTG	TAA	0	0	
mORF_-_1930080	1930080	1930130	-	4	51	ATG	TAA	0	0	
mORF_-_1930100	1930100	1930105	-	6	6	TTG	TAG	0	0	
mORF_-_1930139	1930139	1930780	-	6	642	ATG	TAA	51	1425	pORF_-_1930139
mORF_-_1930156	1930156	1930236	-	6	81	GTG	TAG	0	0	
mORF_-_1930176	1930176	1930244	-	4	69	GTG	TAA	0	0	

mORF_-_1930255	1930255	1930296	-	5	42	GTG	TGA	0	0	
mORF_-_1930492	1930492	1930521	-	5	30	GTG	TGA	0	0	
mORF_-_1930555	1930555	1930626	-	5	72	GTG	TGA	0	0	
mORF_-_1930617	1930617	1930628	-	4	12	GTG	TGA	0	0	
mORF_-_1930642	1930642	1930671	-	5	30	TTG	TGA	0	0	
mORF_-_1930711	1930711	1930731	-	5	21	TTG	TAA	0	0	
mORF_-_1930744	1930744	1930761	-	5	18	GTG	TGA	0	0	
mORF_-_1930801	1930801	1930887	-	5	87	GTG	TAA	0	0	
mORF_-_1930817	1930817	1932628	-	6	1812	ATG	TAA	6	13	pORF_-_1930817
mORF_-_1930969	1930969	1930989	-	5	21	ATG	TGA	0	0	
mORF_-_1930990	1930990	1931037	-	5	48	ATG	TGA	0	0	
mORF_-_1931053	1931053	1931103	-	5	51	ATG	TAA	0	0	
mORF_-_1931076	1931076	1931129	-	4	54	GTG	TAA	0	0	
mORF_-_1931110	1931110	1931298	-	5	189	TTG	TAG	0	0	
mORF_-_1931163	1931163	1931222	-	4	60	TTG	TAA	0	0	
mORF_-_1931299	1931299	1931313	-	5	15	TTG	TGA	0	0	
mORF_-_1931332	1931332	1931343	-	5	12	GTG	TGA	0	0	
mORF_-_1931359	1931359	1931379	-	5	21	ATG	TAA	0	0	
mORF_-_1931410	1931410	1931463	-	5	54	ATG	TGA	0	0	
mORF_-_1931463	1931463	1931474	-	4	12	ATG	TAA	0	0	
mORF_-_1931467	1931467	1931577	-	5	111	GTG	TGA	0	0	
mORF_-_1931632	1931632	1931754	-	5	123	TTG	TGA	0	0	
mORF_-_1931764	1931764	1931781	-	5	18	ATG	TGA	0	0	
mORF_-_1931785	1931785	1931817	-	5	33	ATG	TGA	0	0	
mORF_-_1931790	1931790	1931807	-	4	18	ATG	TAA	0	0	
mORF_-_1931817	1931817	1931969	-	4	153	ATG	TAA	0	0	
mORF_-_1931857	1931857	1932126	-	5	270	TTG	TGA	0	0	
mORF_-_1932066	1932066	1932170	-	4	105	GTG	TAA	0	0	
mORF_-_1932145	1932145	1932195	-	5	51	TTG	TGA	0	0	
mORF_-_1932247	1932247	1932378	-	5	132	ATG	TAA	0	0	
mORF_-_1932291	1932291	1932296	-	4	6	GTG	TGA	0	0	
mORF_-_1932498	1932498	1932506	-	4	9	ATG	TAA	0	0	
mORF_-_1932547	1932547	1932591	-	5	45	TTG	TAG	0	0	
mORF_-_1932625	1932625	1932681	-	5	57	ATG	TGA	0	0	
mORF_-_1932666	1932666	1932671	-	4	6	TTG	TGA	0	0	
mORF_-_1932678	1932678	1932722	-	4	45	ATG	TGA	0	0	
mORF_-_1932691	1932691	1932729	-	5	39	TTG	TAA	0	0	
mORF_-_1932737	1932737	1932778	-	6	42	GTG	TGA	0	0	
mORF_-_1932804	1932804	1932824	-	4	21	ATG	TAG	0	0	
mORF_-_1932821	1932821	1932844	-	6	24	ATG	TGA	0	0	
mORF_-_1932826	1932826	1932894	-	5	69	GTG	TAA	0	0	
mORF_-_1932863	1932863	1934338	-	6	1476	ATG	TAA	68	290	pORF_-_1932863
mORF_-_1932901	1932901	1932960	-	5	60	ATG	TGA	0	0	
mORF_-_1932957	1932957	1932974	-	4	18	GTG	TGA	0	0	
mORF_-_1932978	1932978	1932998	-	4	21	ATG	TGA	0	0	
mORF_-_1932991	1932991	1933083	-	5	93	ATG	TAG	0	0	
mORF_-_1933120	1933120	1933161	-	5	42	TTG	TGA	0	0	
mORF_-_1933177	1933177	1933203	-	5	27	ATG	TGA	0	0	
mORF_-_1933227	1933227	1933250	-	4	24	GTG	TAA	0	0	
mORF_-_1933267	1933267	1933371	-	5	105	TTG	TGA	0	0	
mORF_-_1933299	1933299	1933307	-	4	9	ATG	TGA	0	0	
mORF_-_1933543	1933543	1933554	-	5	12	ATG	TGA	0	0	
mORF_-_1933573	1933573	1933599	-	5	27	TTG	TGA	0	0	
mORF_-_1933578	1933578	1933607	-	4	30	TTG	TGA	0	0	
mORF_-_1933633	1933633	1933722	-	5	90	TTG	TGA	0	0	
mORF_-_1933744	1933744	1933764	-	5	21	TTG	TGA	0	0	
mORF_-_1933783	1933783	1933860	-	5	78	ATG	TGA	0	0	
mORF_-_1933797	1933797	1933832	-	4	36	GTG	TAA	0	0	
mORF_-_1933909	1933909	1933929	-	5	21	ATG	TAG	0	0	
mORF_-_1933923	1933923	1933958	-	4	36	TTG	TAA	0	0	
mORF_-_1933930	1933930	1934091	-	5	162	GTG	TGA	0	0	
mORF_-_1934070	1934070	1934105	-	4	36	ATG	TAA	0	0	
mORF_-_1934092	1934092	1934118	-	5	27	TTG	TGA	0	0	

mORF_-_1934128	1934128	1934190	-	5	63	GTG	TGA	0	0	
mORF_-_1934194	1934194	1934310	-	5	117	GTG	TAG	0	0	
mORF_-_1934329	1934329	1934343	-	5	15	ATG	TAA	0	0	
mORF_-_1934354	1934354	1934479	-	6	126	TTG	TAA	0	0	
mORF_-_1934445	1934445	1934507	-	4	63	ATG	TAA	0	0	
mORF_-_1934461	1934461	1934535	-	5	75	GTG	TAA	0	0	
mORF_-_1934504	1934504	1934653	-	6	150	ATG	TGA	0	0	
mORF_-_1934539	1934539	1934562	-	5	24	TTG	TGA	0	0	
mORF_-_1934568	1934568	1934714	-	4	147	ATG	TAA	0	0	
mORF_-_1934584	1934584	1934595	-	5	12	GTG	TAA	0	0	
mORF_-_1934669	1934669	1934677	-	6	9	ATG	TAA	0	0	
mORF_-_1934702	1934702	1934854	-	6	153	GTG	TGA	0	0	
mORF_-_1934724	1934724	1934882	-	4	159	ATG	TGA	0	0	
mORF_-_1934791	1934791	1934799	-	5	9	GTG	TAG	0	0	
mORF_-_1934872	1934872	1934889	-	5	18	GTG	TAA	0	0	
mORF_-_1934879	1934879	1934908	-	6	30	GTG	TGA	0	0	
mORF_-_1934912	1934912	1934959	-	6	48	GTG	TAG	0	0	
mORF_-_1934929	1934929	1935012	-	5	84	GTG	TGA	0	0	
mORF_-_1934952	1934952	1935008	-	4	57	ATG	TGA	0	0	
mORF_-_1935005	1935005	1935052	-	6	48	GTG	TGA	0	0	
mORF_-_1935049	1935049	1935060	-	5	12	TTG	TGA	0	0	
mORF_-_1935053	1935053	1935178	-	6	126	ATG	TGA	1	3	pORF_-_1935053
mORF_-_1935090	1935090	1935227	-	4	138	GTG	TGA	0	0	
mORF_-_1935133	1935133	1935270	-	5	138	GTG	TAA	0	0	
mORF_-_1935224	1935224	1935373	-	6	150	ATG	TGA	0	0	
mORF_-_1935298	1935298	1935342	-	5	45	TTG	TGA	0	0	
mORF_-_1935343	1935343	1935402	-	5	60	GTG	TAA	0	0	
mORF_-_1935374	1935374	1935484	-	6	111	TTG	TAA	0	0	
mORF_-_1935436	1935436	1935456	-	5	21	TTG	TAA	0	0	
mORF_-_1935523	1935523	1935579	-	5	57	ATG	TAA	0	0	
mORF_-_1935590	1935590	1935604	-	6	15	ATG	TAA	0	0	
mORF_-_1935612	1935612	1935644	-	4	33	GTG	TAA	0	0	
mORF_-_1935617	1935617	1935697	-	6	81	TTG	TGA	0	0	
mORF_-_1935669	1935669	1935770	-	4	102	TTG	TAA	0	0	
mORF_-_1935704	1935704	1935724	-	6	21	TTG	TAA	0	0	
mORF_-_1935712	1935712	1935864	-	5	153	ATG	TAA	0	0	
mORF_-_1935752	1935752	1935850	-	6	99	TTG	TAA	0	0	
mORF_-_1935810	1935810	1935815	-	4	6	TTG	TGA	0	0	
mORF_-_1935861	1935861	1935992	-	4	132	TTG	TGA	0	0	
mORF_-_1936011	1936011	1936049	-	4	39	ATG	TAG	0	0	
mORF_-_1936095	1936095	1936217	-	4	123	ATG	TGA	0	0	
mORF_-_1936217	1936217	1936378	-	6	162	TTG	TAA	0	0	
mORF_-_1936287	1936287	1936466	-	4	180	ATG	TAG	0	0	
mORF_-_1936388	1936388	1936420	-	6	33	GTG	TGA	0	0	
mORF_-_1936494	1936494	1936715	-	4	222	TTG	TGA	0	0	
mORF_-_1936514	1936514	1936540	-	6	27	TTG	TGA	0	0	
mORF_-_1936574	1936574	1936588	-	6	15	TTG	TGA	0	0	
mORF_-_1936654	1936654	1936728	-	5	75	GTG	TGA	0	0	
mORF_-_1936740	1936740	1936892	-	4	153	ATG	TGA	0	0	
mORF_-_1936763	1936763	1936780	-	6	18	TTG	TAG	0	0	
mORF_-_1936774	1936774	1936953	-	5	180	GTG	TGA	0	0	
mORF_-_1936865	1936865	1936882	-	6	18	TTG	TGA	0	0	
mORF_-_1937019	1937019	1937147	-	4	129	ATG	TAA	0	0	
mORF_-_1937101	1937101	1937163	-	5	63	TTG	TAA	0	0	
mORF_-_1937160	1937160	1937213	-	4	54	ATG	TGA	0	0	
mORF_-_1937246	1937246	1938217	-	6	972	ATG	TAA	9	23	pORF_-_1937246
mORF_-_1937317	1937317	1937373	-	5	57	ATG	TAA	0	0	
mORF_-_1937374	1937374	1937400	-	5	27	ATG	TGA	0	0	
mORF_-_1937407	1937407	1937418	-	5	12	ATG	TAG	0	0	
mORF_-_1937443	1937443	1937496	-	5	54	GTG	TGA	0	0	
mORF_-_1937463	1937463	1937501	-	4	39	GTG	TGA	0	0	
mORF_-_1937509	1937509	1937712	-	5	204	TTG	TGA	0	0	
mORF_-_1937730	1937730	1937798	-	4	69	TTG	TAA	0	0	

mORF_-_1937770	1937770	1937874	-	5	105	TTG	TGA	0	0	
mORF_-_1937920	1937920	1937985	-	5	66	GTG	TGA	0	0	
mORF_-_1938016	1938016	1938087	-	5	72	GTG	TAA	0	0	
mORF_-_1938084	1938084	1938140	-	4	57	ATG	TGA	0	0	
mORF_-_1938127	1938127	1938288	-	5	162	TTG	TAG	0	0	
mORF_-_1938198	1938198	1938242	-	4	45	TTG	TAA	0	0	
mORF_-_1938333	1938333	1938362	-	4	30	TTG	TAA	0	0	
mORF_-_1938337	1938337	1939659	-	5	1323	GTG	TAA	3	30	pORF_-_1938337
mORF_-_1938341	1938341	1938466	-	6	126	ATG	TGA	0	0	
mORF_-_1938459	1938459	1938533	-	4	75	GTG	TAA	0	0	
mORF_-_1938555	1938555	1938728	-	4	174	TTG	TGA	1	2	pORF_-_1938555
mORF_-_1938738	1938738	1938938	-	4	201	TTG	TGA	0	0	
mORF_-_1938954	1938954	1938971	-	4	18	ATG	TAA	0	0	
mORF_-_1938968	1938968	1939006	-	6	39	GTG	TGA	0	0	
mORF_-_1939044	1939044	1939073	-	4	30	TTG	TAA	0	0	
mORF_-_1939106	1939106	1939114	-	6	9	GTG	TAA	0	0	
mORF_-_1939137	1939137	1939184	-	4	48	GTG	TGA	0	0	
mORF_-_1939260	1939260	1939322	-	4	63	ATG	TGA	0	0	
mORF_-_1939341	1939341	1939544	-	4	204	ATG	TAA	0	0	
mORF_-_1939647	1939647	1939667	-	4	21	GTG	TAG	0	0	
mORF_-_1939664	1939664	1939675	-	6	12	ATG	TGA	0	0	
mORF_-_1939675	1939675	1940733	-	5	1059	TTG	TAA	125	3622	pORF_-_1939675
mORF_-_1939686	1939686	1939700	-	4	15	ATG	TGA	0	0	
mORF_-_1939719	1939719	1939871	-	4	153	TTG	TGA	0	0	
mORF_-_1939884	1939884	1939943	-	4	60	TTG	TAA	0	0	
mORF_-_1939950	1939950	1940036	-	4	87	TTG	TGA	0	0	
mORF_-_1940055	1940055	1940069	-	4	15	TTG	TAG	0	0	
mORF_-_1940076	1940076	1940090	-	4	15	TTG	TGA	0	0	
mORF_-_1940087	1940087	1940176	-	6	90	TTG	TGA	0	0	
mORF_-_1940121	1940121	1940141	-	4	21	TTG	TAG	0	0	
mORF_-_1940157	1940157	1940246	-	4	90	ATG	TAG	0	0	
mORF_-_1940277	1940277	1940297	-	4	21	TTG	TGA	0	0	
mORF_-_1940285	1940285	1940371	-	6	87	TTG	TGA	0	0	
mORF_-_1940328	1940328	1940366	-	4	39	TTG	TAA	0	0	
mORF_-_1940400	1940400	1940429	-	4	30	ATG	TAA	0	0	
mORF_-_1940469	1940469	1940618	-	4	150	TTG	TAA	0	0	
mORF_-_1940648	1940648	1940656	-	6	9	ATG	TAA	0	0	
mORF_-_1940664	1940664	1940891	-	4	228	ATG	TAG	0	0	
mORF_-_1940681	1940681	1940692	-	6	12	TTG	TAA	0	0	
mORF_-_1940765	1940765	1940851	-	6	87	GTG	TAA	0	0	
mORF_-_1940867	1940867	1940998	-	6	132	GTG	TGA	0	0	
mORF_-_1940895	1940895	1941128	-	4	234	GTG	TAG	0	0	
mORF_-_1940959	1940959	1941042	-	5	84	TTG	TAA	0	0	
mORF_-_1941026	1941026	1941088	-	6	63	ATG	TAA	0	0	
mORF_-_1941091	1941091	1941105	-	5	15	TTG	TAA	0	0	
mORF_-_1941109	1941109	1941132	-	5	24	TTG	TAA	0	0	
mORF_-_1941160	1941160	1941180	-	5	21	TTG	TAA	0	0	
mORF_-_1941170	1941170	1941295	-	6	126	GTG	TAA	0	0	
mORF_-_1941208	1941208	1941315	-	5	108	ATG	TAA	0	0	
mORF_-_1941270	1941270	1941293	-	4	24	GTG	TGA	0	0	
mORF_-_1941323	1941323	1941478	-	6	156	ATG	TAA	0	0	
mORF_-_1941328	1941328	1941393	-	5	66	GTG	TGA	0	0	
mORF_-_1941465	1941465	1941557	-	4	93	ATG	TAA	0	0	
mORF_-_1941475	1941475	1941606	-	5	132	ATG	TGA	0	0	
mORF_-_1941608	1941608	1941688	-	6	81	GTG	TAG	0	0	
mORF_-_1941625	1941625	1941672	-	5	48	GTG	TAA	0	0	
mORF_-_1941693	1941693	1941869	-	4	177	TTG	TAA	0	0	
mORF_-_1941776	1941776	1942063	-	6	288	GTG	TAA	0	0	
mORF_-_1941853	1941853	1941969	-	5	117	ATG	TAG	0	0	
mORF_-_1942039	1942039	1942182	-	5	144	GTG	TAG	0	0	
mORF_-_1942185	1942185	1942238	-	4	54	GTG	TAA	0	0	
mORF_-_1942220	1942220	1942363	-	6	144	TTG	TAG	0	0	
mORF_-_1942273	1942273	1942323	-	5	51	ATG	TAG	0	0	

mORF_-_1942323	1942323	1942409	-	4	87	GTG	TGA	0	0	
mORF_-_1942370	1942370	1943380	-	6	1011	ATG	TAA	10	23	pORF_-_1942370
mORF_-_1942390	1942390	1942434	-	5	45	GTG	TAA	0	0	
mORF_-_1942465	1942465	1942512	-	5	48	TTG	TGA	0	0	
mORF_-_1942537	1942537	1942551	-	5	15	TTG	TAG	0	0	
mORF_-_1942564	1942564	1942617	-	5	54	ATG	TAA	0	0	
mORF_-_1942618	1942618	1942665	-	5	48	ATG	TGA	0	0	
mORF_-_1942672	1942672	1942767	-	5	96	GTG	TGA	0	0	
mORF_-_1942768	1942768	1942857	-	5	90	TTG	TGA	0	0	
mORF_-_1942879	1942879	1942908	-	5	30	TTG	TGA	0	0	
mORF_-_1942909	1942909	1942965	-	5	57	TTG	TGA	0	0	
mORF_-_1942966	1942966	1943199	-	5	234	TTG	TGA	0	0	
mORF_-_1943203	1943203	1943289	-	5	87	ATG	TGA	0	0	
mORF_-_1943326	1943326	1943331	-	5	6	ATG	TAG	0	0	
mORF_-_1943359	1943359	1943376	-	5	18	TTG	TGA	0	0	
mORF_-_1943384	1943384	1943392	-	6	9	ATG	TAA	0	0	
mORF_-_1943389	1943389	1944000	-	5	612	GTG	TGA	3	12	pORF_-_1943389
mORF_-_1943418	1943418	1943429	-	4	12	GTG	TAA	0	0	
mORF_-_1943457	1943457	1943594	-	4	138	ATG	TGA	0	0	
mORF_-_1943616	1943616	1943627	-	4	12	TTG	TGA	0	0	
mORF_-_1943628	1943628	1943654	-	4	27	TTG	TGA	0	0	
mORF_-_1943667	1943667	1943702	-	4	36	ATG	TGA	0	0	
mORF_-_1943775	1943775	1943894	-	4	120	ATG	TGA	0	0	
mORF_-_1943904	1943904	1943924	-	4	21	ATG	TGA	0	0	
mORF_-_1943928	1943928	1943945	-	4	18	TTG	TAG	0	0	
mORF_-_1943946	1943946	1943972	-	4	27	TTG	TAA	0	0	
mORF_-_1943969	1943969	1944118	-	6	150	GTG	TGA	0	0	
mORF_-_1943997	1943997	1944002	-	4	6	ATG	TGA	0	0	
mORF_-_1944139	1944139	1944204	-	5	66	ATG	TAA	0	0	
mORF_-_1944165	1944165	1944170	-	4	6	ATG	TAA	0	0	
mORF_-_1944254	1944254	1944262	-	6	9	TTG	TAG	0	0	
mORF_-_1944259	1944259	1944273	-	5	15	TTG	TGA	0	0	
mORF_-_1944321	1944321	1944368	-	4	48	TTG	TAA	0	0	
mORF_-_1944341	1944341	1944352	-	6	12	TTG	TAA	0	0	
mORF_-_1944365	1944365	1944406	-	6	42	ATG	TGA	0	0	
mORF_-_1944382	1944382	1944396	-	5	15	ATG	TGA	0	0	
mORF_-_1944396	1944396	1944452	-	4	57	TTG	TAA	0	0	
mORF_-_1944403	1944403	1944462	-	5	60	GTG	TGA	0	0	
mORF_-_1944464	1944464	1944496	-	6	33	TTG	TAG	0	0	
mORF_-_1944499	1944499	1944582	-	5	84	TTG	TAG	0	0	
mORF_-_1944515	1944515	1944547	-	6	33	TTG	TAA	0	0	
mORF_-_1944575	1944575	1944592	-	6	18	GTG	TAG	0	0	
mORF_-_1944586	1944586	1944594	-	5	9	GTG	TAA	0	0	
mORF_-_1944600	1944600	1944725	-	4	126	TTG	TAA	0	0	
mORF_-_1944649	1944649	1944786	-	5	138	GTG	TAA	0	0	
mORF_-_1944704	1944704	1944829	-	6	126	ATG	TAA	0	0	
mORF_-_1944879	1944879	1945403	-	4	525	GTG	TAA	2	2	pORF_-_1944879
mORF_-_1944920	1944920	1944985	-	6	66	ATG	TGA	0	0	
mORF_-_1945010	1945010	1945060	-	6	51	TTG	TGA	0	0	
mORF_-_1945079	1945079	1945102	-	6	24	TTG	TAA	0	0	
mORF_-_1945121	1945121	1945135	-	6	15	TTG	TGA	0	0	
mORF_-_1945163	1945163	1945204	-	6	42	TTG	TGA	0	0	
mORF_-_1945244	1945244	1945255	-	6	12	ATG	TGA	0	0	
mORF_-_1945265	1945265	1945285	-	6	21	ATG	TGA	0	0	
mORF_-_1945282	1945282	1945305	-	5	24	ATG	TGA	0	0	
mORF_-_1945361	1945361	1945381	-	6	21	TTG	TGA	0	0	
mORF_-_1945400	1945400	1945435	-	6	36	ATG	TGA	0	0	
mORF_-_1945422	1945422	1945469	-	4	48	GTG	TAA	0	0	
mORF_-_1945435	1945435	1946175	-	5	741	ATG	TGA	41	666	pORF_-_1945435
mORF_-_1945472	1945472	1945501	-	6	30	TTG	TAA	0	0	
mORF_-_1945527	1945527	1945550	-	4	24	ATG	TGA	0	0	
mORF_-_1945602	1945602	1945682	-	4	81	ATG	TGA	0	0	
mORF_-_1945634	1945634	1945651	-	6	18	ATG	TAA	0	0	

mORF_-_1945686	1945686	1945739	-	4	54	ATG	TGA	0	0	
mORF_-_1945758	1945758	1945880	-	4	123	TTG	TGA	0	0	
mORF_-_1945808	1945808	1945819	-	6	12	ATG	TAA	0	0	
mORF_-_1945865	1945865	1945876	-	6	12	ATG	TGA	0	0	
mORF_-_1945881	1945881	1945967	-	4	87	TTG	TGA	0	0	
mORF_-_1945977	1945977	1945988	-	4	12	GTG	TGA	0	0	
mORF_-_1945992	1945992	1946057	-	4	66	GTG	TGA	0	0	
mORF_-_1946076	1946076	1946123	-	4	48	ATG	TAA	0	0	
mORF_-_1946135	1946135	1946158	-	6	24	ATG	TAA	0	0	
mORF_-_1946204	1946204	1946713	-	6	510	ATG	TGA	0	0	
mORF_-_1946218	1946218	1946343	-	5	126	TTG	TAA	0	0	
mORF_-_1946283	1946283	1946291	-	4	9	GTG	TGA	0	0	
mORF_-_1946307	1946307	1946354	-	4	48	ATG	TGA	0	0	
mORF_-_1946371	1946371	1946415	-	5	45	TTG	TGA	0	0	
mORF_-_1946419	1946419	1946439	-	5	21	TTG	TAG	0	0	
mORF_-_1946446	1946446	1946469	-	5	24	TTG	TGA	0	0	
mORF_-_1946485	1946485	1946520	-	5	36	GTG	TAA	0	0	
mORF_-_1946539	1946539	1946568	-	5	30	GTG	TAA	0	0	
mORF_-_1946683	1946683	1946691	-	5	9	ATG	TGA	0	0	
mORF_-_1946692	1946692	1946697	-	5	6	ATG	TGA	0	0	
mORF_-_1946700	1946700	1946723	-	4	24	GTG	TAA	0	0	
mORF_-_1946710	1946710	1946772	-	5	63	ATG	TGA	0	0	
mORF_-_1946724	1946724	1946744	-	4	21	TTG	TGA	0	0	
mORF_-_1946774	1946774	1948546	-	6	1773	ATG	TGA	119	1560	pORF_-_1946774
mORF_-_1946794	1946794	1946799	-	5	6	TTG	TGA	0	0	
mORF_-_1946809	1946809	1946838	-	5	30	TTG	TGA	0	0	
mORF_-_1946850	1946850	1946864	-	4	15	GTG	TGA	0	0	
mORF_-_1946857	1946857	1946901	-	5	45	GTG	TGA	0	0	
mORF_-_1946932	1946932	1946943	-	5	12	TTG	TGA	0	0	
mORF_-_1946983	1946983	1947144	-	5	162	ATG	TGA	0	0	
mORF_-_1947214	1947214	1947240	-	5	27	TTG	TGA	0	0	
mORF_-_1947237	1947237	1947275	-	4	39	ATG	TGA	0	0	
mORF_-_1947289	1947289	1947297	-	5	9	TTG	TGA	0	0	
mORF_-_1947313	1947313	1947363	-	5	51	GTG	TGA	0	0	
mORF_-_1947373	1947373	1947429	-	5	57	ATG	TGA	0	0	
mORF_-_1947592	1947592	1947642	-	5	51	TTG	TAG	0	0	
mORF_-_1947649	1947649	1947663	-	5	15	TTG	TGA	0	0	
mORF_-_1947670	1947670	1947732	-	5	63	TTG	TGA	0	0	
mORF_-_1947702	1947702	1947782	-	4	81	GTG	TGA	0	0	
mORF_-_1947739	1947739	1947765	-	5	27	GTG	TAA	0	0	
mORF_-_1947805	1947805	1947813	-	5	9	GTG	TGA	0	0	
mORF_-_1947829	1947829	1947930	-	5	102	TTG	TGA	0	0	
mORF_-_1947894	1947894	1947905	-	4	12	ATG	TGA	0	0	
mORF_-_1947943	1947943	1948026	-	5	84	GTG	TGA	0	0	
mORF_-_1948051	1948051	1948089	-	5	39	ATG	TGA	0	0	
mORF_-_1948180	1948180	1948230	-	5	51	ATG	TGA	0	0	
mORF_-_1948249	1948249	1948353	-	5	105	ATG	TGA	0	0	
mORF_-_1948375	1948375	1948389	-	5	15	GTG	TAA	0	0	
mORF_-_1948447	1948447	1948485	-	5	39	GTG	TGA	0	0	
mORF_-_1948461	1948461	1948532	-	4	72	TTG	TGA	0	0	
mORF_-_1948492	1948492	1948710	-	5	219	GTG	TGA	0	0	
mORF_-_1948557	1948557	1948601	-	4	45	TTG	TAA	0	0	
mORF_-_1948611	1948611	1948625	-	4	15	GTG	TAA	0	0	
mORF_-_1948622	1948622	1948627	-	6	6	TTG	TGA	0	0	
mORF_-_1948729	1948729	1948803	-	5	75	ATG	TGA	0	0	
mORF_-_1948736	1948736	1948831	-	6	96	GTG	TAG	0	0	
mORF_-_1948816	1948816	1948914	-	5	99	ATG	TAA	0	0	
mORF_-_1948872	1948872	1948937	-	4	66	GTG	TAG	0	0	
mORF_-_1948901	1948901	1948906	-	6	6	TTG	TAA	0	0	
mORF_-_1948916	1948916	1948939	-	6	24	ATG	TAA	0	0	
mORF_-_1948956	1948956	1949078	-	4	123	GTG	TAA	0	0	
mORF_-_1949038	1949038	1949157	-	5	120	TTG	TAA	0	0	
mORF_-_1949075	1949075	1949113	-	6	39	ATG	TGA	0	0	

mORF_-_1949082	1949082	1949132	-	4	51	TTG	TAG	0	0	
mORF_-_1949123	1949123	1949200	-	6	78	TTG	TAA	0	0	
mORF_-_1949154	1949154	1949225	-	4	72	TTG	TGA	0	0	
mORF_-_1949176	1949176	1949361	-	5	186	TTG	TAA	0	0	
mORF_-_1949231	1949231	1949365	-	6	135	ATG	TAA	0	0	
mORF_-_1949368	1949368	1949412	-	5	45	TTG	TAG	0	0	
mORF_-_1949424	1949424	1949528	-	4	105	GTG	TAA	0	0	
mORF_-_1949434	1949434	1949628	-	5	195	ATG	TAG	0	0	
mORF_-_1949532	1949532	1949621	-	4	90	ATG	TAA	0	0	
mORF_-_1949603	1949603	1949743	-	6	141	GTG	TAA	0	0	
mORF_-_1949628	1949628	1949732	-	4	105	GTG	TGA	0	0	
mORF_-_1949638	1949638	1949646	-	5	9	ATG	TAA	0	0	
mORF_-_1949683	1949683	1949850	-	5	168	TTG	TGA	0	0	
mORF_-_1949792	1949792	1949821	-	6	30	GTG	TAA	0	0	
mORF_-_1949796	1949796	1949834	-	4	39	TTG	TAA	0	0	
mORF_-_1949866	1949866	1949871	-	5	6	ATG	TAA	0	0	
mORF_-_1949882	1949882	1949929	-	6	48	GTG	TAA	0	0	
mORF_-_1949896	1949896	1950042	-	5	147	TTG	TAA	0	0	
mORF_-_1949966	1949966	1950001	-	6	36	TTG	TAG	0	0	
mORF_-_1950067	1950067	1950072	-	5	6	TTG	TAA	0	0	
mORF_-_1950076	1950076	1950090	-	5	15	ATG	TAA	0	0	
mORF_-_1950090	1950090	1950098	-	4	9	GTG	TGA	0	0	
mORF_-_1950098	1950098	1950142	-	6	45	GTG	TAG	0	0	
mORF_-_1950105	1950105	1950266	-	4	162	ATG	TAA	0	0	
mORF_-_1950115	1950115	1950156	-	5	42	ATG	TAA	0	0	
mORF_-_1950172	1950172	1950246	-	5	75	GTG	TAA	0	0	
mORF_-_1950209	1950209	1950253	-	6	45	ATG	TAG	0	0	
mORF_-_1950250	1950250	1950273	-	5	24	ATG	TGA	0	0	
mORF_-_1950329	1950329	1950700	-	6	372	GTG	TAA	0	0	
mORF_-_1950382	1950382	1950426	-	5	45	ATG	TAG	0	0	
mORF_-_1950427	1950427	1950525	-	5	99	ATG	TGA	0	0	
mORF_-_1950477	1950477	1950734	-	4	258	GTG	TAA	0	0	
mORF_-_1950568	1950568	1950609	-	5	42	GTG	TGA	0	0	
mORF_-_1950682	1950682	1950690	-	5	9	GTG	TAA	0	0	
mORF_-_1950731	1950731	1950742	-	6	12	GTG	TGA	0	0	
mORF_-_1950839	1950839	1950859	-	6	21	ATG	TAG	0	0	
mORF_-_1950870	1950870	1951133	-	4	264	TTG	TAA	0	0	
mORF_-_1950905	1950905	1950958	-	6	54	ATG	TAA	0	0	
mORF_-_1950962	1950962	1950994	-	6	33	TTG	TGA	0	0	
mORF_-_1951037	1951037	1951093	-	6	57	ATG	TAG	0	0	
mORF_-_1951063	1951063	1951104	-	5	42	ATG	TGA	0	0	
mORF_-_1951161	1951161	1951400	-	4	240	ATG	TAA	0	0	
mORF_-_1951178	1951178	1951288	-	6	111	TTG	TGA	0	0	
mORF_-_1951292	1951292	1951510	-	6	219	ATG	TAA	0	0	
mORF_-_1951309	1951309	1951374	-	5	66	GTG	TGA	0	0	
mORF_-_1951423	1951423	1951467	-	5	45	ATG	TAA	0	0	
mORF_-_1951446	1951446	1951517	-	4	72	GTG	TAA	0	0	
mORF_-_1951486	1951486	1951503	-	5	18	TTG	TAA	0	0	
mORF_-_1951507	1951507	1951842	-	5	336	ATG	TGA	1	8	pORF_-_1951507
mORF_-_1951514	1951514	1951573	-	6	60	GTG	TGA	0	0	
mORF_-_1951581	1951581	1951595	-	4	15	TTG	TAA	0	0	
mORF_-_1951640	1951640	1951690	-	6	51	TTG	TAA	0	0	
mORF_-_1951653	1951653	1951676	-	4	24	GTG	TAA	0	0	
mORF_-_1951692	1951692	1951751	-	4	60	GTG	TAA	0	0	
mORF_-_1951748	1951748	1951816	-	6	69	ATG	TGA	0	0	
mORF_-_1951826	1951826	1951930	-	6	105	TTG	TAA	0	0	
mORF_-_1951870	1951870	1951884	-	5	15	ATG	TGA	0	0	
mORF_-_1951923	1951923	1952078	-	4	156	GTG	TAG	0	0	
mORF_-_1951964	1951964	1951990	-	6	27	ATG	TAG	0	0	
mORF_-_1952000	1952000	1952068	-	6	69	ATG	TAA	0	0	
mORF_-_1952075	1952075	1952089	-	6	15	ATG	TGA	0	0	
mORF_-_1952090	1952090	1952368	-	6	279	ATG	TAG	0	0	
mORF_-_1952107	1952107	1952169	-	5	63	GTG	TGA	0	0	

mORF_-_1952212	1952212	1952322	-	5	111	GTG	TAG	0	0	
mORF_-_1952334	1952334	1952402	-	4	69	GTG	TAA	0	0	
mORF_-_1952392	1952392	1952430	-	5	39	TTG	TAA	0	0	
mORF_-_1952483	1952483	1952488	-	6	6	TTG	TAG	0	0	
mORF_-_1952496	1952496	1952504	-	4	9	TTG	TAG	0	0	
mORF_-_1952501	1952501	1952545	-	6	45	ATG	TGA	0	0	
mORF_-_1952518	1952518	1952538	-	5	21	ATG	TAG	0	0	
mORF_-_1952545	1952545	1952598	-	5	54	GTG	TGA	0	0	
mORF_-_1952555	1952555	1952566	-	6	12	ATG	TAA	0	0	
mORF_-_1952595	1952595	1952627	-	4	33	TTG	TGA	0	0	
mORF_-_1952602	1952602	1955049	-	5	2448	TTG	TAA	2	6	pORF_-_1952602
mORF_-_1952634	1952634	1952699	-	4	66	ATG	TAA	0	0	
mORF_-_1952730	1952730	1952792	-	4	63	ATG	TAA	0	0	
mORF_-_1952753	1952753	1952782	-	6	30	ATG	TAA	0	0	
mORF_-_1952789	1952789	1952800	-	6	12	ATG	TGA	0	0	
mORF_-_1952841	1952841	1952972	-	4	132	ATG	TGA	0	0	
mORF_-_1952975	1952975	1953052	-	6	78	ATG	TAA	0	0	
mORF_-_1953012	1953012	1953158	-	4	147	ATG	TGA	0	0	
mORF_-_1953056	1953056	1953088	-	6	33	TTG	TGA	0	0	
mORF_-_1953162	1953162	1953188	-	4	27	ATG	TGA	0	0	
mORF_-_1953231	1953231	1953311	-	4	81	ATG	TGA	0	0	
mORF_-_1953308	1953308	1953328	-	6	21	GTG	TGA	0	0	
mORF_-_1953321	1953321	1953437	-	4	117	TTG	TGA	0	0	
mORF_-_1953447	1953447	1953479	-	4	33	GTG	TGA	0	0	
mORF_-_1953489	1953489	1953506	-	4	18	TTG	TGA	0	0	
mORF_-_1953503	1953503	1953565	-	6	63	ATG	TGA	0	0	
mORF_-_1953566	1953566	1953598	-	6	33	ATG	TGA	0	0	
mORF_-_1953606	1953606	1953647	-	4	42	GTG	TGA	0	0	
mORF_-_1953638	1953638	1953655	-	6	18	GTG	TAA	0	0	
mORF_-_1953660	1953660	1953746	-	4	87	TTG	TGA	0	0	
mORF_-_1953759	1953759	1953899	-	4	141	TTG	TGA	0	0	
mORF_-_1953924	1953924	1953953	-	4	30	ATG	TGA	0	0	
mORF_-_1954101	1954101	1954145	-	4	45	TTG	TGA	0	0	
mORF_-_1954176	1954176	1954190	-	4	15	TTG	TGA	0	0	
mORF_-_1954200	1954200	1954292	-	4	93	TTG	TGA	0	0	
mORF_-_1954314	1954314	1954364	-	4	51	TTG	TGA	0	0	
mORF_-_1954343	1954343	1954396	-	6	54	GTG	TGA	0	0	
mORF_-_1954386	1954386	1954406	-	4	21	TTG	TGA	0	0	
mORF_-_1954425	1954425	1954451	-	4	27	ATG	TGA	0	0	
mORF_-_1954458	1954458	1954475	-	4	18	ATG	TAG	0	0	
mORF_-_1954545	1954545	1954664	-	4	120	ATG	TGA	0	0	
mORF_-_1954692	1954692	1954718	-	4	27	GTG	TGA	0	0	
mORF_-_1954742	1954742	1954903	-	6	162	TTG	TAA	0	0	
mORF_-_1954761	1954761	1954865	-	4	105	TTG	TGA	0	0	
mORF_-_1954922	1954922	1954945	-	6	24	ATG	TAA	0	0	
mORF_-_1954968	1954968	1955015	-	4	48	GTG	TGA	0	0	
mORF_-_1955012	1955012	1955221	-	6	210	TTG	TGA	0	0	
mORF_-_1955056	1955056	1956156	-	5	1101	ATG	TGA	0	0	
mORF_-_1955127	1955127	1955234	-	4	108	TTG	TGA	0	0	
mORF_-_1955240	1955240	1955254	-	6	15	ATG	TGA	0	0	
mORF_-_1955261	1955261	1955317	-	6	57	ATG	TAA	0	0	
mORF_-_1955271	1955271	1955294	-	4	24	GTG	TAG	0	0	
mORF_-_1955333	1955333	1955344	-	6	12	ATG	TGA	0	0	
mORF_-_1955352	1955352	1955381	-	4	30	GTG	TAA	0	0	
mORF_-_1955391	1955391	1955492	-	4	102	TTG	TAG	0	0	
mORF_-_1955535	1955535	1955624	-	4	90	ATG	TAG	0	0	
mORF_-_1955631	1955631	1955753	-	4	123	TTG	TAA	0	0	
mORF_-_1955660	1955660	1955668	-	6	9	TTG	TAA	0	0	
mORF_-_1955750	1955750	1955764	-	6	15	TTG	TGA	0	0	
mORF_-_1955765	1955765	1955773	-	6	9	GTG	TAG	0	0	
mORF_-_1955783	1955783	1955806	-	6	24	ATG	TGA	0	0	
mORF_-_1955793	1955793	1955852	-	4	60	GTG	TAA	0	0	
mORF_-_1955856	1955856	1955879	-	4	24	ATG	TAG	0	0	

mORF_-_1955901	1955901	1956011	-	4	111	TTG	TAA	0	0	
mORF_-_1955906	1955906	1955956	-	6	51	ATG	TAA	0	0	
mORF_-_1956017	1956017	1956043	-	6	27	TTG	TAA	0	0	
mORF_-_1956021	1956021	1956110	-	4	90	TTG	TGA	0	0	
mORF_-_1956062	1956062	1956193	-	6	132	ATG	TAA	0	0	
mORF_-_1956117	1956117	1956137	-	4	21	TTG	TGA	0	0	
mORF_-_1956201	1956201	1956257	-	4	57	TTG	TAA	0	0	
mORF_-_1956217	1956217	1956240	-	5	24	GTG	TAA	0	0	
mORF_-_1956278	1956278	1956292	-	6	15	ATG	TAA	0	0	
mORF_-_1956318	1956318	1956395	-	4	78	GTG	TAG	0	0	
mORF_-_1956389	1956389	1956415	-	6	27	GTG	TAA	0	0	
mORF_-_1956412	1956412	1956423	-	5	12	TTG	TGA	0	0	
mORF_-_1956420	1956420	1956566	-	4	147	TTG	TGA	0	0	
mORF_-_1956434	1956434	1956508	-	6	75	TTG	TAA	0	0	
mORF_-_1956457	1956457	1956534	-	5	78	TTG	TGA	0	0	
mORF_-_1956512	1956512	1956547	-	6	36	ATG	TGA	0	0	
mORF_-_1956544	1956544	1957290	-	5	747	ATG	TGA	6	16	pORF_-_1956544
mORF_-_1956576	1956576	1956587	-	4	12	TTG	TGA	0	0	
mORF_-_1956600	1956600	1956797	-	4	198	TTG	TAG	0	0	
mORF_-_1956659	1956659	1956688	-	6	30	GTG	TAA	0	0	
mORF_-_1956852	1956852	1956881	-	4	30	TTG	TGA	0	0	
mORF_-_1956905	1956905	1956913	-	6	9	GTG	TAA	0	0	
mORF_-_1956963	1956963	1957004	-	4	42	ATG	TAA	0	0	
mORF_-_1957035	1957035	1957106	-	4	72	GTG	TAG	0	0	
mORF_-_1957079	1957079	1957096	-	6	18	TTG	TGA	0	0	
mORF_-_1957100	1957100	1957210	-	6	111	ATG	TGA	0	0	
mORF_-_1957161	1957161	1957169	-	4	9	GTG	TGA	0	0	
mORF_-_1957182	1957182	1957217	-	4	36	TTG	TAA	0	0	
mORF_-_1957214	1957214	1957273	-	6	60	TTG	TGA	0	0	
mORF_-_1957245	1957245	1957253	-	4	9	GTG	TAA	0	0	
mORF_-_1957300	1957300	1957416	-	5	117	GTG	TAA	0	0	
mORF_-_1957304	1957304	1957876	-	6	573	GTG	TAA	5	26	pORF_-_1957304
mORF_-_1957335	1957335	1957346	-	4	12	GTG	TGA	0	0	
mORF_-_1957435	1957435	1957494	-	5	60	ATG	TGA	0	0	
mORF_-_1957495	1957495	1957653	-	5	159	ATG	TGA	0	0	
mORF_-_1957527	1957527	1957574	-	4	48	GTG	TGA	0	0	
mORF_-_1957629	1957629	1957685	-	4	57	GTG	TAA	0	0	
mORF_-_1957657	1957657	1957692	-	5	36	TTG	TGA	0	0	
mORF_-_1957710	1957710	1957733	-	4	24	TTG	TGA	0	0	
mORF_-_1957771	1957771	1957797	-	5	27	ATG	TGA	0	0	
mORF_-_1957798	1957798	1957833	-	5	36	TTG	TAG	0	0	
mORF_-_1957873	1957873	1957929	-	5	57	TTG	TGA	0	0	
mORF_-_1957899	1957899	1957973	-	4	75	TTG	TAA	0	0	
mORF_-_1957904	1957904	1958008	-	6	105	ATG	TAA	0	0	
mORF_-_1957939	1957939	1958052	-	5	114	TTG	TGA	0	0	
mORF_-_1958036	1958036	1958182	-	6	147	TTG	TAA	0	0	
mORF_-_1958121	1958121	1958129	-	4	9	ATG	TGA	0	0	
mORF_-_1958176	1958176	1958256	-	5	81	TTG	TGA	0	0	
mORF_-_1958202	1958202	1958216	-	4	15	ATG	TGA	0	0	
mORF_-_1958228	1958228	1958248	-	6	21	GTG	TAG	0	0	
mORF_-_1958257	1958257	1959693	-	5	1437	GTG	TAA	0	0	
mORF_-_1958277	1958277	1958339	-	4	63	ATG	TGA	0	0	
mORF_-_1958333	1958333	1958356	-	6	24	ATG	TGA	0	0	
mORF_-_1958373	1958373	1958429	-	4	57	ATG	TGA	0	0	
mORF_-_1958408	1958408	1958452	-	6	45	TTG	TAG	0	0	
mORF_-_1958478	1958478	1958495	-	4	18	ATG	TGA	0	0	
mORF_-_1958495	1958495	1958716	-	6	222	GTG	TAA	0	0	
mORF_-_1958535	1958535	1958576	-	4	42	GTG	TGA	0	0	
mORF_-_1958721	1958721	1958810	-	4	90	GTG	TAG	0	0	
mORF_-_1958811	1958811	1958825	-	4	15	TTG	TAG	0	0	
mORF_-_1958865	1958865	1958996	-	4	132	ATG	TAG	0	0	
mORF_-_1958993	1958993	1959130	-	6	138	ATG	TGA	0	0	
mORF_-_1959021	1959021	1959032	-	4	12	GTG	TAG	0	0	

mORF_-_1959090	1959090	1959095	-	4	6	ATG	TAA	0	0	
mORF_-_1959153	1959153	1959404	-	4	252	GTG	TAG	0	0	
mORF_-_1959224	1959224	1959289	-	6	66	GTG	TGA	0	0	
mORF_-_1959347	1959347	1959475	-	6	129	ATG	TAG	0	0	
mORF_-_1959408	1959408	1959629	-	4	222	GTG	TAG	0	0	
mORF_-_1959704	1959704	1959880	-	6	177	ATG	TGA	0	0	
mORF_-_1959739	1959739	1959753	-	5	15	TTG	TAG	0	0	
mORF_-_1959861	1959861	1959905	-	4	45	ATG	TGA	0	0	
mORF_-_1959871	1959871	1959921	-	5	51	GTG	TAA	0	0	
mORF_-_1959881	1959881	1960027	-	6	147	ATG	TAG	0	0	
mORF_-_1960000	1960000	1960020	-	5	21	ATG	TAA	0	0	
mORF_-_1960020	1960020	1960076	-	4	57	ATG	TAA	0	0	
mORF_-_1960043	1960043	1960168	-	6	126	TTG	TAA	0	0	
mORF_-_1960083	1960083	1960106	-	4	24	TTG	TGA	0	0	
mORF_-_1960141	1960141	1960233	-	5	93	GTG	TGA	0	0	
mORF_-_1960146	1960146	1960184	-	4	39	TTG	TGA	0	0	
mORF_-_1960185	1960185	1960265	-	4	81	TTG	TAA	0	0	
mORF_-_1960214	1960214	1960315	-	6	102	TTG	TAA	0	0	
mORF_-_1960276	1960276	1960287	-	5	12	GTG	TAA	0	0	
mORF_-_1960306	1960306	1960392	-	5	87	ATG	TAA	0	0	
mORF_-_1960367	1960367	1960411	-	6	45	TTG	TAA	0	0	
mORF_-_1960399	1960399	1960476	-	5	78	TTG	TGA	0	0	
mORF_-_1960434	1960434	1960541	-	4	108	TTG	TAG	0	0	
mORF_-_1960457	1960457	1960546	-	6	90	ATG	TAA	0	0	
mORF_-_1960486	1960486	1960491	-	5	6	ATG	TGA	0	0	
mORF_-_1960516	1960516	1960575	-	5	60	ATG	TAG	0	0	
mORF_-_1960604	1960604	1960996	-	6	393	ATG	TGA	0	0	
mORF_-_1960615	1960615	1960620	-	5	6	TTG	TGA	0	0	
mORF_-_1960621	1960621	1960629	-	5	9	ATG	TGA	0	0	
mORF_-_1960629	1960629	1960826	-	4	198	GTG	TAA	0	0	
mORF_-_1960654	1960654	1960665	-	5	12	GTG	TAA	0	0	
mORF_-_1960747	1960747	1960758	-	5	12	GTG	TAG	0	0	
mORF_-_1960840	1960840	1960893	-	5	54	GTG	TGA	0	0	
mORF_-_1960915	1960915	1960920	-	5	6	GTG	TAG	0	0	
mORF_-_1960920	1960920	1961009	-	4	90	TTG	TAG	0	0	
mORF_-_1960996	1960996	1963149	-	5	2154	GTG	TAA	1	2	pORF_-_1960996
mORF_-_1961124	1961124	1961291	-	4	168	ATG	TGA	0	0	
mORF_-_1961288	1961288	1961308	-	6	21	GTG	TGA	0	0	
mORF_-_1961352	1961352	1961438	-	4	87	ATG	TAA	0	0	
mORF_-_1961505	1961505	1961579	-	4	75	ATG	TGA	0	0	
mORF_-_1961610	1961610	1961630	-	4	21	TTG	TAG	0	0	
mORF_-_1961664	1961664	1961690	-	4	27	ATG	TAA	0	0	
mORF_-_1961691	1961691	1961795	-	4	105	TTG	TGA	0	0	
mORF_-_1961811	1961811	1961936	-	4	126	ATG	TGA	0	0	
mORF_-_1961930	1961930	1962016	-	6	87	GTG	TGA	0	0	
mORF_-_1961961	1961961	1962029	-	4	69	TTG	TGA	0	0	
mORF_-_1962035	1962035	1962100	-	6	66	GTG	TAA	0	0	
mORF_-_1962228	1962228	1962266	-	4	39	GTG	TGA	0	0	
mORF_-_1962297	1962297	1962335	-	4	39	TTG	TGA	0	0	
mORF_-_1962375	1962375	1962464	-	4	90	TTG	TGA	0	0	
mORF_-_1962510	1962510	1962548	-	4	39	TTG	TGA	0	0	
mORF_-_1962549	1962549	1962644	-	4	96	GTG	TGA	0	0	
mORF_-_1962672	1962672	1962719	-	4	48	TTG	TGA	0	0	
mORF_-_1962783	1962783	1962920	-	4	138	TTG	TAA	0	0	
mORF_-_1962866	1962866	1963021	-	6	156	ATG	TGA	0	0	
mORF_-_1962993	1962993	1963010	-	4	18	TTG	TGA	0	0	
mORF_-_1963067	1963067	1964215	-	6	1149	GTG	TAA	0	0	
mORF_-_1963168	1963168	1963341	-	5	174	GTG	TGA	0	0	
mORF_-_1963366	1963366	1963383	-	5	18	ATG	TGA	0	0	
mORF_-_1963393	1963393	1963443	-	5	51	ATG	TAG	0	0	
mORF_-_1963450	1963450	1963536	-	5	87	GTG	TGA	0	0	
mORF_-_1963567	1963567	1963623	-	5	57	TTG	TGA	0	0	
mORF_-_1963596	1963596	1963643	-	4	48	ATG	TGA	0	0	

mORF_-_1963648	1963648	1963665	-	5	18	ATG	TAG	0	0	
mORF_-_1963741	1963741	1963752	-	5	12	TTG	TGA	0	0	
mORF_-_1963987	1963987	1964088	-	5	102	GTG	TGA	0	0	
mORF_-_1964119	1964119	1964127	-	5	9	GTG	TGA	0	0	
mORF_-_1964164	1964164	1964292	-	5	129	TTG	TAG	0	0	
mORF_-_1964238	1964238	1964330	-	4	93	TTG	TAA	0	0	
mORF_-_1964270	1964270	1964323	-	6	54	GTG	TGA	0	0	
mORF_-_1964305	1964305	1964334	-	5	30	ATG	TAA	0	0	
mORF_-_1964327	1964327	1964362	-	6	36	ATG	TGA	0	0	
mORF_-_1964359	1964359	1964427	-	5	69	TTG	TGA	0	0	
mORF_-_1964370	1964370	1964396	-	4	27	GTG	TGA	0	0	
mORF_-_1964393	1964393	1964410	-	6	18	TTG	TGA	0	0	
mORF_-_1964403	1964403	1964420	-	4	18	TTG	TGA	0	0	
mORF_-_1964417	1964417	1965091	-	6	675	TTG	TGA	12	84	pORF_-_1964417
mORF_-_1964464	1964464	1964523	-	5	60	GTG	TAG	0	0	
mORF_-_1964569	1964569	1964601	-	5	33	ATG	TGA	0	0	
mORF_-_1964653	1964653	1964703	-	5	51	ATG	TGA	0	0	
mORF_-_1964728	1964728	1964778	-	5	51	ATG	TAA	0	0	
mORF_-_1964775	1964775	1964783	-	4	9	TTG	TGA	0	0	
mORF_-_1964791	1964791	1964847	-	5	57	GTG	TAA	0	0	
mORF_-_1964878	1964878	1964940	-	5	63	TTG	TGA	0	0	
mORF_-_1964989	1964989	1965009	-	5	21	TTG	TGA	0	0	
mORF_-_1965058	1965058	1965075	-	5	18	GTG	TGA	0	0	
mORF_-_1965072	1965072	1965461	-	4	390	ATG	TGA	9	39	pORF_-_1965072
mORF_-_1965137	1965137	1965175	-	6	39	TTG	TGA	0	0	
mORF_-_1965209	1965209	1965244	-	6	36	GTG	TAA	0	0	
mORF_-_1965254	1965254	1965367	-	6	114	ATG	TGA	0	0	
mORF_-_1965401	1965401	1965466	-	6	66	GTG	TAG	0	0	
mORF_-_1965463	1965463	1965501	-	5	39	GTG	TGA	0	0	
mORF_-_1965476	1965476	1966525	-	6	1050	ATG	TAA	4	13	pORF_-_1965476
mORF_-_1965526	1965526	1965621	-	5	96	TTG	TAA	0	0	
mORF_-_1965534	1965534	1965629	-	4	96	ATG	TAG	0	0	
mORF_-_1965691	1965691	1965744	-	5	54	ATG	TGA	0	0	
mORF_-_1965745	1965745	1965930	-	5	186	TTG	TAG	0	0	
mORF_-_1965891	1965891	1965908	-	4	18	TTG	TAA	0	0	
mORF_-_1965967	1965967	1966050	-	5	84	TTG	TAA	0	0	
mORF_-_1966084	1966084	1966158	-	5	75	TTG	TGA	0	0	
mORF_-_1966159	1966159	1966215	-	5	57	TTG	TGA	0	0	
mORF_-_1966285	1966285	1966290	-	5	6	TTG	TGA	0	0	
mORF_-_1966312	1966312	1966359	-	5	48	ATG	TAA	0	0	
mORF_-_1966366	1966366	1966374	-	5	9	ATG	TGA	0	0	
mORF_-_1966393	1966393	1966401	-	5	9	GTG	TGA	0	0	
mORF_-_1966483	1966483	1966497	-	5	15	ATG	TGA	0	0	
mORF_-_1966528	1966528	1967388	-	5	861	ATG	TAA	0	0	
mORF_-_1966539	1966539	1966646	-	4	108	TTG	TAA	0	0	
mORF_-_1966689	1966689	1966718	-	4	30	TTG	TGA	0	0	
mORF_-_1966755	1966755	1966814	-	4	60	ATG	TGA	0	0	
mORF_-_1966869	1966869	1966937	-	4	69	TTG	TGA	0	0	
mORF_-_1966973	1966973	1967032	-	6	60	ATG	TGA	0	0	
mORF_-_1966983	1966983	1967096	-	4	114	GTG	TGA	0	0	
mORF_-_1967093	1967093	1967146	-	6	54	GTG	TGA	0	0	
mORF_-_1967121	1967121	1967150	-	4	30	GTG	TGA	0	0	
mORF_-_1967258	1967258	1967401	-	6	144	TTG	TGA	0	0	
mORF_-_1967340	1967340	1967369	-	4	30	GTG	TGA	0	0	
mORF_-_1967385	1967385	1967447	-	4	63	ATG	TGA	0	0	
mORF_-_1967407	1967407	1969011	-	5	1605	TTG	TGA	22	337	pORF_-_1967407
mORF_-_1967454	1967454	1967489	-	4	36	GTG	TAG	0	0	
mORF_-_1967571	1967571	1967645	-	4	75	TTG	TGA	0	0	
mORF_-_1967673	1967673	1967687	-	4	15	TTG	TGA	0	0	
mORF_-_1967715	1967715	1967741	-	4	27	GTG	TGA	0	0	
mORF_-_1967760	1967760	1967819	-	4	60	GTG	TGA	0	0	
mORF_-_1967826	1967826	1967879	-	4	54	ATG	TAG	0	0	
mORF_-_1967880	1967880	1967939	-	4	60	TTG	TGA	0	0	

mORF_-_1967979	1967979	1968026	-	4	48	ATG	TGA	0	0	
mORF_-_1968084	1968084	1968218	-	4	135	GTG	TAA	0	0	
mORF_-_1968219	1968219	1968230	-	4	12	GTG	TAA	0	0	
mORF_-_1968252	1968252	1968368	-	4	117	TTG	TGA	0	0	
mORF_-_1968341	1968341	1968388	-	6	48	GTG	TAG	0	0	
mORF_-_1968369	1968369	1968419	-	4	51	TTG	TGA	0	0	
mORF_-_1968423	1968423	1968635	-	4	213	TTG	TGA	0	0	
mORF_-_1968750	1968750	1968767	-	4	18	ATG	TGA	0	0	
mORF_-_1968779	1968779	1968919	-	6	141	TTG	TAG	0	0	
mORF_-_1968849	1968849	1968860	-	4	12	GTG	TAG	0	0	
mORF_-_1968888	1968888	1968941	-	4	54	TTG	TGA	0	0	
mORF_-_1969001	1969001	1969021	-	6	21	ATG	TAA	0	0	
mORF_-_1969008	1969008	1969121	-	4	114	GTG	TGA	0	0	
mORF_-_1969040	1969040	1969057	-	6	18	TTG	TAA	0	0	
mORF_-_1969054	1969054	1970736	-	5	1683	TTG	TGA	80	1400	pORF_-_1969054
mORF_-_1969197	1969197	1969346	-	4	150	TTG	TAA	0	0	
mORF_-_1969365	1969365	1969382	-	4	18	ATG	TGA	0	0	
mORF_-_1969395	1969395	1969580	-	4	186	ATG	TGA	0	0	
mORF_-_1969581	1969581	1969667	-	4	87	ATG	TGA	0	0	
mORF_-_1969680	1969680	1969727	-	4	48	GTG	TAG	0	0	
mORF_-_1969773	1969773	1969916	-	4	144	ATG	TGA	0	0	
mORF_-_1969932	1969932	1969994	-	4	63	TTG	TGA	0	0	
mORF_-_1969998	1969998	1970045	-	4	48	TTG	TGA	0	0	
mORF_-_1970015	1970015	1970143	-	6	129	GTG	TAA	0	0	
mORF_-_1970106	1970106	1970288	-	4	183	ATG	TGA	0	0	
mORF_-_1970292	1970292	1970303	-	4	12	TTG	TAG	0	0	
mORF_-_1970313	1970313	1970456	-	4	144	TTG	TAA	0	0	
mORF_-_1970556	1970556	1970597	-	4	42	TTG	TGA	0	0	
mORF_-_1970708	1970708	1970722	-	6	15	GTG	TAA	0	0	
mORF_-_1970712	1970712	1970786	-	4	75	GTG	TGA	0	0	
mORF_-_1970771	1970771	1970836	-	6	66	ATG	TAA	0	0	
mORF_-_1970833	1970833	1970841	-	5	9	TTG	TGA	0	0	
mORF_-_1970860	1970860	1971363	-	5	504	ATG	TAA	8	65	pORF_-_1970860
mORF_-_1970991	1970991	1970999	-	4	9	TTG	TGA	0	0	
mORF_-_1971030	1971030	1971059	-	4	30	TTG	TGA	0	0	
mORF_-_1971102	1971102	1971221	-	4	120	TTG	TAG	0	0	
mORF_-_1971228	1971228	1971245	-	4	18	GTG	TAA	0	0	
mORF_-_1971261	1971261	1971293	-	4	33	TTG	TGA	0	0	
mORF_-_1971342	1971342	1971347	-	4	6	ATG	TAA	0	0	
mORF_-_1971360	1971360	1971383	-	4	24	ATG	TGA	0	0	
mORF_-_1971384	1971384	1973402	-	4	2019	TTG	TGA	35	338	pORF_-_1971384
mORF_-_1971419	1971419	1971448	-	6	30	TTG	TAA	0	0	
mORF_-_1971449	1971449	1971550	-	6	102	TTG	TGA	0	0	
mORF_-_1971526	1971526	1971657	-	5	132	GTG	TAA	0	0	
mORF_-_1971551	1971551	1971589	-	6	39	GTG	TAA	0	0	
mORF_-_1971599	1971599	1971763	-	6	165	ATG	TGA	0	0	
mORF_-_1971764	1971764	1971793	-	6	30	TTG	TGA	0	0	
mORF_-_1971827	1971827	1971985	-	6	159	TTG	TGA	0	0	
mORF_-_1972031	1972031	1972069	-	6	39	GTG	TGA	0	0	
mORF_-_1972073	1972073	1972087	-	6	15	ATG	TAA	0	0	
mORF_-_1972094	1972094	1972102	-	6	9	TTG	TGA	0	0	
mORF_-_1972099	1972099	1972107	-	5	9	TTG	TGA	0	0	
mORF_-_1972139	1972139	1972192	-	6	54	TTG	TAA	0	0	
mORF_-_1972295	1972295	1972357	-	6	63	ATG	TAG	0	0	
mORF_-_1972385	1972385	1972405	-	6	21	GTG	TGA	0	0	
mORF_-_1972439	1972439	1972486	-	6	48	TTG	TGA	0	0	
mORF_-_1972526	1972526	1972537	-	6	12	TTG	TAA	0	0	
mORF_-_1972550	1972550	1972573	-	6	24	ATG	TAG	0	0	
mORF_-_1972670	1972670	1972702	-	6	33	TTG	TAG	0	0	
mORF_-_1972703	1972703	1972732	-	6	30	ATG	TGA	0	0	
mORF_-_1972847	1972847	1972924	-	6	78	GTG	TGA	0	0	
mORF_-_1972964	1972964	1973128	-	6	165	ATG	TAG	0	0	
mORF_-_1973144	1973144	1973227	-	6	84	ATG	TGA	0	0	

mORF_-_1973228	1973228	1973311	-	6	84	TTG	TGA	0	0	
mORF_-_1973345	1973345	1973356	-	6	12	GTG	TGA	0	0	
mORF_-_1973353	1973353	1974279	-	5	927	ATG	TGA	1	2	pORF_-_1973353
mORF_-_1973424	1973424	1973456	-	4	33	ATG	TAA	0	0	
mORF_-_1973484	1973484	1973522	-	4	39	ATG	TGA	0	0	
mORF_-_1973538	1973538	1973570	-	4	33	GTG	TAA	0	0	
mORF_-_1973604	1973604	1973690	-	4	87	ATG	TGA	0	0	
mORF_-_1973730	1973730	1973786	-	4	57	GTG	TGA	0	0	
mORF_-_1973904	1973904	1973921	-	4	18	GTG	TGA	0	0	
mORF_-_1973988	1973988	1974107	-	4	120	TTG	TGA	0	0	
mORF_-_1974047	1974047	1974205	-	6	159	GTG	TAA	0	0	
mORF_-_1974177	1974177	1974254	-	4	78	TTG	TGA	0	0	
mORF_-_1974276	1974276	1975163	-	4	888	GTG	TGA	2	22	pORF_-_1974276
mORF_-_1974314	1974314	1974391	-	6	78	TTG	TGA	0	0	
mORF_-_1974421	1974421	1974447	-	5	27	GTG	TAA	0	0	
mORF_-_1974494	1974494	1974568	-	6	75	GTG	TAG	0	0	
mORF_-_1974620	1974620	1974721	-	6	102	ATG	TAA	0	0	
mORF_-_1974767	1974767	1974868	-	6	102	GTG	TGA	0	0	
mORF_-_1974989	1974989	1975054	-	6	66	TTG	TGA	0	0	
mORF_-_1975058	1975058	1975099	-	6	42	GTG	TGA	0	0	
mORF_-_1975106	1975106	1975138	-	6	33	TTG	TGA	0	0	
mORF_-_1975148	1975148	1975189	-	6	42	ATG	TAG	0	0	
mORF_-_1975168	1975168	1975179	-	5	12	GTG	TGA	0	0	
mORF_-_1975207	1975207	1975281	-	5	75	GTG	TGA	0	0	
mORF_-_1975286	1975286	1975315	-	6	30	ATG	TGA	0	0	
mORF_-_1975290	1975290	1975868	-	4	579	ATG	TAA	0	0	
mORF_-_1975357	1975357	1975392	-	5	36	ATG	TAA	0	0	
mORF_-_1975367	1975367	1975513	-	6	147	GTG	TAA	0	0	
mORF_-_1975486	1975486	1975554	-	5	69	GTG	TGA	0	0	
mORF_-_1975517	1975517	1975561	-	6	45	TTG	TAA	0	0	
mORF_-_1975583	1975583	1975600	-	6	18	ATG	TGA	0	0	
mORF_-_1975600	1975600	1975632	-	5	33	ATG	TAA	0	0	
mORF_-_1975616	1975616	1975654	-	6	39	ATG	TGA	0	0	
mORF_-_1975811	1975811	1975864	-	6	54	GTG	TGA	0	0	
mORF_-_1975861	1975861	1975917	-	5	57	ATG	TGA	0	0	
mORF_-_1975871	1975871	1976230	-	6	360	GTG	TGA	1	2	pORF_-_1975871
mORF_-_1975918	1975918	1975971	-	5	54	TTG	TGA	0	0	
mORF_-_1975987	1975987	1976016	-	5	30	TTG	TGA	0	0	
mORF_-_1976013	1976013	1976030	-	4	18	TTG	TGA	0	0	
mORF_-_1976083	1976083	1976106	-	5	24	ATG	TAG	0	0	
mORF_-_1976107	1976107	1976148	-	5	42	TTG	TAA	0	0	
mORF_-_1976149	1976149	1976190	-	5	42	ATG	TGA	0	0	
mORF_-_1976187	1976187	1976243	-	4	57	TTG	TGA	0	0	
mORF_-_1976221	1976221	1976337	-	5	117	TTG	TAA	0	0	
mORF_-_1976252	1976252	1976350	-	6	99	GTG	TAA	0	0	
mORF_-_1976262	1976262	1976270	-	4	9	GTG	TGA	0	0	
mORF_-_1976371	1976371	1976376	-	5	6	TTG	TAA	0	0	
mORF_-_1976391	1976391	1976396	-	4	6	GTG	TAA	0	0	
mORF_-_1976397	1976397	1976426	-	4	30	TTG	TAA	0	0	
mORF_-_1976413	1976413	1976454	-	5	42	TTG	TAG	0	0	
mORF_-_1976439	1976439	1976510	-	4	72	TTG	TAG	0	0	
mORF_-_1976474	1976474	1976506	-	6	33	GTG	TGA	0	0	
mORF_-_1976494	1976494	1976499	-	5	6	GTG	TGA	0	0	
mORF_-_1976507	1976507	1976521	-	6	15	ATG	TGA	0	0	
mORF_-_1976511	1976511	1976540	-	4	30	TTG	TAA	0	0	
mORF_-_1976542	1976542	1977045	-	5	504	ATG	TAA	0	0	
mORF_-_1976562	1976562	1976588	-	4	27	ATG	TGA	0	0	
mORF_-_1976655	1976655	1976672	-	4	18	TTG	TGA	0	0	
mORF_-_1976715	1976715	1976744	-	4	30	ATG	TGA	0	0	
mORF_-_1976726	1976726	1976755	-	6	30	ATG	TGA	0	0	
mORF_-_1976757	1976757	1976768	-	4	12	TTG	TGA	0	0	
mORF_-_1976784	1976784	1976942	-	4	159	GTG	TGA	0	0	
mORF_-_1976888	1976888	1976908	-	6	21	GTG	TAA	0	0	

mORF_-_1976964	1976964	1977239	-	4	276	GTG	TAA	0	0	
mORF_-_1976987	1976987	1977055	-	6	69	ATG	TAA	0	0	
mORF_-_1977056	1977056	1977268	-	6	213	GTG	TGA	0	0	
mORF_-_1977067	1977067	1977126	-	5	60	ATG	TGA	0	0	
mORF_-_1977196	1977196	1977264	-	5	69	ATG	TGA	0	0	
mORF_-_1977268	1977268	1977336	-	5	69	TTG	TAG	0	0	
mORF_-_1977273	1977273	1977293	-	4	21	GTG	TGA	0	0	
mORF_-_1977333	1977333	1977425	-	4	93	GTG	TGA	0	0	
mORF_-_1977356	1977356	1977415	-	6	60	TTG	TAG	0	0	
mORF_-_1977412	1977412	1977438	-	5	27	ATG	TGA	0	0	
mORF_-_1977435	1977435	1977461	-	4	27	ATG	TGA	0	0	
mORF_-_1977442	1977442	1977465	-	5	24	TTG	TAG	0	0	
mORF_-_1977458	1977458	1977523	-	6	66	TTG	TGA	0	0	
mORF_-_1977483	1977483	1977494	-	4	12	GTG	TAA	0	0	
mORF_-_1977495	1977495	1977503	-	4	9	GTG	TAA	0	0	
mORF_-_1977510	1977510	1977536	-	4	27	TTG	TAG	0	0	
mORF_-_1977514	1977514	1977540	-	5	27	TTG	TAA	0	0	
mORF_-_1977548	1977548	1977577	-	6	30	GTG	TAA	0	0	
mORF_-_1977561	1977561	1977566	-	4	6	ATG	TAA	0	0	
mORF_-_1977595	1977595	1977603	-	5	9	GTG	TGA	0	0	
mORF_-_1977617	1977617	1977622	-	6	6	ATG	TAA	0	0	
mORF_-_1977629	1977629	1977640	-	6	12	GTG	TAA	0	0	
mORF_-_1977654	1977654	1977725	-	4	72	ATG	TAA	0	0	
mORF_-_1977725	1977725	1977748	-	6	24	GTG	TAA	0	0	
mORF_-_1977745	1977745	1977759	-	5	15	GTG	TGA	0	0	
mORF_-_1977756	1977756	1977875	-	4	120	GTG	TGA	0	0	
mORF_-_1977782	1977782	1977790	-	6	9	TTG	TAG	0	0	
mORF_-_1977811	1977811	1977840	-	5	30	TTG	TAA	0	0	
mORF_-_1977824	1977824	1977916	-	6	93	TTG	TGA	0	0	
mORF_-_1977882	1977882	1977920	-	4	39	TTG	TAA	0	0	
mORF_-_1977945	1977945	1977974	-	4	30	TTG	TAA	0	0	
mORF_-_1977995	1977995	1978021	-	6	27	TTG	TGA	0	0	
mORF_-_1978027	1978027	1978134	-	5	108	ATG	TAA	0	0	
mORF_-_1978044	1978044	1978115	-	4	72	GTG	TAA	0	0	
mORF_-_1978070	1978070	1978075	-	6	6	TTG	TGA	0	0	
mORF_-_1978106	1978106	1978111	-	6	6	TTG	TGA	0	0	
mORF_-_1978153	1978153	1978191	-	5	39	GTG	TAA	0	0	
mORF_-_1978202	1978202	1978237	-	6	36	TTG	TAA	0	0	
mORF_-_1978212	1978212	1979645	-	4	1434	GTG	TAG	16	60	pORF_-_1978212
mORF_-_1978291	1978291	1978302	-	5	12	GTG	TAG	0	0	
mORF_-_1978328	1978328	1978354	-	6	27	ATG	TGA	0	0	
mORF_-_1978385	1978385	1978438	-	6	54	TTG	TGA	0	0	
mORF_-_1978451	1978451	1978525	-	6	75	ATG	TAA	0	0	
mORF_-_1978544	1978544	1978555	-	6	12	GTG	TGA	0	0	
mORF_-_1978601	1978601	1978618	-	6	18	TTG	TGA	0	0	
mORF_-_1978652	1978652	1978807	-	6	156	ATG	TAG	0	0	
mORF_-_1978937	1978937	1978954	-	6	18	TTG	TAG	0	0	
mORF_-_1979033	1979033	1979188	-	6	156	TTG	TGA	0	0	
mORF_-_1979038	1979038	1979049	-	5	12	TTG	TAA	0	0	
mORF_-_1979101	1979101	1979106	-	5	6	TTG	TGA	0	0	
mORF_-_1979198	1979198	1979308	-	6	111	ATG	TGA	0	0	
mORF_-_1979309	1979309	1979419	-	6	111	TTG	TAA	0	0	
mORF_-_1979437	1979437	1979451	-	5	15	GTG	TAA	0	0	
mORF_-_1979477	1979477	1979518	-	6	42	TTG	TAA	0	0	
mORF_-_1979503	1979503	1979523	-	5	21	GTG	TGA	0	0	
mORF_-_1979540	1979540	1979605	-	6	66	TTG	TGA	0	0	
mORF_-_1979611	1979611	1980468	-	5	858	ATG	TAA	2	18	pORF_-_1979611
mORF_-_1979685	1979685	1979756	-	4	72	TTG	TGA	0	0	
mORF_-_1979690	1979690	1979731	-	6	42	ATG	TGA	0	0	
mORF_-_1979760	1979760	1979807	-	4	48	ATG	TAA	0	0	
mORF_-_1979811	1979811	1979921	-	4	111	GTG	TAA	0	0	
mORF_-_1979888	1979888	1979923	-	6	36	GTG	TAA	0	0	
mORF_-_1979982	1979982	1980167	-	4	186	ATG	TAA	0	0	

mORF_-_1980177	1980177	1980212	-	4	36	TTG	TAG	0	0	
mORF_-_1980237	1980237	1980368	-	4	132	ATG	TGA	0	0	
mORF_-_1980383	1980383	1980520	-	6	138	TTG	TGA	0	0	
mORF_-_1980459	1980459	1980506	-	4	48	TTG	TAA	0	0	
mORF_-_1980555	1980555	1980578	-	4	24	ATG	TAG	0	0	
mORF_-_1980578	1980578	1981567	-	6	990	ATG	TGA	1	2	pORF_-_1980578
mORF_-_1980712	1980712	1980753	-	5	42	GTG	TAA	0	0	
mORF_-_1980757	1980757	1980771	-	5	15	GTG	TGA	0	0	
mORF_-_1980772	1980772	1980795	-	5	24	TTG	TAG	0	0	
mORF_-_1980796	1980796	1980810	-	5	15	TTG	TGA	0	0	
mORF_-_1980817	1980817	1980831	-	5	15	GTG	TGA	0	0	
mORF_-_1980862	1980862	1980978	-	5	117	TTG	TAG	0	0	
mORF_-_1980987	1980987	1981019	-	4	33	GTG	TAA	0	0	
mORF_-_1980991	1980991	1981005	-	5	15	TTG	TGA	0	0	
mORF_-_1981012	1981012	1981143	-	5	132	TTG	TGA	0	0	
mORF_-_1981107	1981107	1981259	-	4	153	GTG	TAA	0	0	
mORF_-_1981168	1981168	1981176	-	5	9	ATG	TGA	0	0	
mORF_-_1981183	1981183	1981254	-	5	72	TTG	TGA	0	0	
mORF_-_1981270	1981270	1981311	-	5	42	TTG	TGA	0	0	
mORF_-_1981312	1981312	1981368	-	5	57	GTG	TAA	0	0	
mORF_-_1981338	1981338	1981370	-	4	33	TTG	TGA	0	0	
mORF_-_1981411	1981411	1981473	-	5	63	TTG	TGA	0	0	
mORF_-_1981575	1981575	1981613	-	4	39	TTG	TAA	0	0	
mORF_-_1981579	1981579	1983138	-	5	1560	ATG	TGA	0	0	
mORF_-_1981617	1981617	1981670	-	4	54	GTG	TGA	0	0	
mORF_-_1981680	1981680	1981766	-	4	87	ATG	TGA	0	0	
mORF_-_1981770	1981770	1981823	-	4	54	ATG	TAA	0	0	
mORF_-_1981820	1981820	1981993	-	6	174	TTG	TGA	0	0	
mORF_-_1981905	1981905	1981961	-	4	57	ATG	TGA	0	0	
mORF_-_1981986	1981986	1982021	-	4	36	GTG	TAA	0	0	
mORF_-_1982094	1982094	1982186	-	4	93	TTG	TGA	0	0	
mORF_-_1982220	1982220	1982252	-	4	33	GTG	TAG	0	0	
mORF_-_1982295	1982295	1982474	-	4	180	TTG	TGA	0	0	
mORF_-_1982508	1982508	1982657	-	4	150	TTG	TAA	0	0	
mORF_-_1982636	1982636	1982650	-	6	15	GTG	TGA	0	0	
mORF_-_1982670	1982670	1982729	-	4	60	ATG	TGA	0	0	
mORF_-_1982748	1982748	1982753	-	4	6	TTG	TGA	0	0	
mORF_-_1982802	1982802	1982894	-	4	93	ATG	TGA	0	0	
mORF_-_1982901	1982901	1982924	-	4	24	ATG	TAG	0	0	
mORF_-_1982943	1982943	1982975	-	4	33	GTG	TAA	0	0	
mORF_-_1982979	1982979	1983011	-	4	33	TTG	TGA	0	0	
mORF_-_1983108	1983108	1983122	-	4	15	GTG	TGA	0	0	
mORF_-_1983119	1983119	1983124	-	6	6	GTG	TGA	0	0	
mORF_-_1983135	1983135	1983161	-	4	27	TTG	TGA	0	0	
mORF_-_1983163	1983163	1984203	-	5	1041	ATG	TAA	10	37	pORF_-_1983163
mORF_-_1983174	1983174	1983212	-	4	39	GTG	TAG	0	0	
mORF_-_1983219	1983219	1983260	-	4	42	TTG	TGA	0	0	
mORF_-_1983270	1983270	1983308	-	4	39	ATG	TAG	0	0	
mORF_-_1983372	1983372	1983398	-	4	27	TTG	TGA	0	0	
mORF_-_1983419	1983419	1983490	-	6	72	TTG	TAA	0	0	
mORF_-_1983483	1983483	1983536	-	4	54	TTG	TGA	0	0	
mORF_-_1983606	1983606	1983614	-	4	9	ATG	TGA	0	0	
mORF_-_1983672	1983672	1983746	-	4	75	TTG	TGA	0	0	
mORF_-_1983765	1983765	1983827	-	4	63	TTG	TGA	0	0	
mORF_-_1983815	1983815	1983895	-	6	81	TTG	TGA	0	0	
mORF_-_1983834	1983834	1983917	-	4	84	GTG	TGA	0	0	
mORF_-_1983942	1983942	1983986	-	4	45	TTG	TGA	0	0	
mORF_-_1983990	1983990	1984016	-	4	27	TTG	TAG	0	0	
mORF_-_1984007	1984007	1984039	-	6	33	GTG	TAA	0	0	
mORF_-_1984074	1984074	1984121	-	4	48	TTG	TGA	0	0	
mORF_-_1984136	1984136	1984231	-	6	96	ATG	TAA	0	0	
mORF_-_1984167	1984167	1984190	-	4	24	TTG	TAA	0	0	
mORF_-_1984212	1984212	1984226	-	4	15	TTG	TAA	0	0	

mORF_-_1984238	1984238	1984399	-	6	162	GTG	TAA	0	0	
mORF_-_1984242	1984242	1984268	-	4	27	ATG	TAG	0	0	
mORF_-_1984273	1984273	1984311	-	5	39	GTG	TAA	0	0	
mORF_-_1984284	1984284	1984295	-	4	12	ATG	TAA	0	0	
mORF_-_1984308	1984308	1984313	-	4	6	ATG	TGA	0	0	
mORF_-_1984344	1984344	1984385	-	4	42	TTG	TAA	0	0	
mORF_-_1984378	1984378	1984536	-	5	159	TTG	TGA	0	0	
mORF_-_1984406	1984406	1984453	-	6	48	ATG	TAA	0	0	
mORF_-_1984470	1984470	1984481	-	4	12	TTG	TAA	0	0	
mORF_-_1984478	1984478	1984558	-	6	81	ATG	TGA	0	0	
mORF_-_1984533	1984533	1984589	-	4	57	ATG	TGA	0	0	
mORF_-_1984559	1984559	1984570	-	6	12	ATG	TGA	0	0	
mORF_-_1984570	1984570	1984620	-	5	51	ATG	TAA	0	0	
mORF_-_1984589	1984589	1984627	-	6	39	TTG	TAA	0	0	
mORF_-_1984593	1984593	1984604	-	4	12	GTG	TAA	0	0	
mORF_-_1984643	1984643	1984657	-	6	15	GTG	TAA	0	0	
mORF_-_1984654	1984654	1984725	-	5	72	ATG	TGA	0	0	
mORF_-_1984662	1984662	1984679	-	4	18	ATG	TGA	0	0	
mORF_-_1984676	1984676	1984702	-	6	27	TTG	TGA	0	0	
mORF_-_1984689	1984689	1984715	-	4	27	ATG	TGA	0	0	
mORF_-_1984731	1984731	1984748	-	4	18	TTG	TAA	0	0	
mORF_-_1984745	1984745	1984786	-	6	42	ATG	TGA	0	0	
mORF_-_1984819	1984819	1984980	-	5	162	TTG	TGA	0	0	
mORF_-_1984848	1984848	1984955	-	4	108	TTG	TGA	0	0	
mORF_-_1984943	1984943	1985236	-	6	294	TTG	TAA	0	0	
mORF_-_1984977	1984977	1985090	-	4	114	GTG	TGA	0	0	
mORF_-_1985002	1985002	1985013	-	5	12	TTG	TAA	0	0	
mORF_-_1985023	1985023	1985358	-	5	336	ATG	TGA	0	0	
mORF_-_1985241	1985241	1985294	-	4	54	TTG	TAG	0	0	
mORF_-_1985291	1985291	1985419	-	6	129	ATG	TGA	0	0	
mORF_-_1985298	1985298	1985459	-	4	162	ATG	TGA	0	0	
mORF_-_1985435	1985435	1985449	-	6	15	ATG	TGA	0	0	
mORF_-_1985465	1985465	1985509	-	6	45	ATG	TAG	0	0	
mORF_-_1985506	1985506	1985568	-	5	63	TTG	TGA	0	0	
mORF_-_1985531	1985531	1985782	-	6	252	ATG	TAA	6	78	pORF_-_1985531
mORF_-_1985647	1985647	1985679	-	5	33	TTG	TGA	0	0	
mORF_-_1985676	1985676	1985732	-	4	57	TTG	TGA	0	0	
mORF_-_1985689	1985689	1985766	-	5	78	ATG	TAA	0	0	
mORF_-_1985742	1985742	1985801	-	4	60	ATG	TGA	0	0	
mORF_-_1985813	1985813	1985860	-	6	48	ATG	TAA	0	0	
mORF_-_1985827	1985827	1985832	-	5	6	ATG	TGA	0	0	
mORF_-_1985835	1985835	1985942	-	4	108	TTG	TGA	0	0	
mORF_-_1985845	1985845	1985850	-	5	6	ATG	TGA	0	0	
mORF_-_1985860	1985860	1985868	-	5	9	GTG	TGA	0	0	
mORF_-_1985897	1985897	1986043	-	6	147	TTG	TAA	0	0	
mORF_-_1985980	1985980	1986000	-	5	21	ATG	TGA	0	0	
mORF_-_1986004	1986004	1986117	-	5	114	TTG	TAA	0	0	
mORF_-_1986030	1986030	1986059	-	4	30	TTG	TAA	0	0	
mORF_-_1986047	1986047	1986052	-	6	6	TTG	TGA	0	0	
mORF_-_1986063	1986063	1986080	-	4	18	GTG	TAA	0	0	
mORF_-_1986077	1986077	1986142	-	6	66	GTG	TGA	0	0	
mORF_-_1986114	1986114	1986200	-	4	87	GTG	TGA	0	0	
mORF_-_1986130	1986130	1986273	-	5	144	ATG	TAG	0	0	
mORF_-_1986227	1986227	1986247	-	6	21	ATG	TAA	0	0	
mORF_-_1986273	1986273	1986314	-	4	42	ATG	TAA	0	0	
mORF_-_1986298	1986298	1986336	-	5	39	TTG	TAA	0	0	
mORF_-_1986351	1986351	1986449	-	4	99	GTG	TAA	0	0	
mORF_-_1986400	1986400	1986426	-	5	27	ATG	TGA	0	0	
mORF_-_1986464	1986464	1986523	-	6	60	GTG	TGA	0	0	
mORF_-_1986520	1986520	1986531	-	5	12	ATG	TGA	0	0	
mORF_-_1986528	1986528	1986545	-	4	18	ATG	TGA	0	0	
mORF_-_1986575	1986575	1986715	-	6	141	TTG	TAA	0	0	
mORF_-_1986664	1986664	1986741	-	5	78	ATG	TAA	0	0	

mORF_-_1986693	1986693	1986707	-	4	15	GTG	TAA	0	0	
mORF_-_1986768	1986768	1986803	-	4	36	GTG	TAA	0	0	
mORF_-_1986800	1986800	1986898	-	6	99	ATG	TGA	0	0	
mORF_-_1986916	1986916	1986936	-	5	21	TTG	TAA	0	0	
mORF_-_1986948	1986948	1986986	-	4	39	GTG	TAA	0	0	
mORF_-_1986995	1986995	1987024	-	6	30	TTG	TAA	0	0	
mORF_-_1987009	1987009	1987032	-	5	24	GTG	TAG	0	0	
mORF_-_1987025	1987025	1987123	-	6	99	ATG	TAA	0	0	
mORF_-_1987041	1987041	1987088	-	4	48	ATG	TAA	0	0	
mORF_-_1987054	1987054	1987071	-	5	18	TTG	TGA	0	0	
mORF_-_1987078	1987078	1987227	-	5	150	GTG	TAG	0	0	
mORF_-_1987160	1987160	1987231	-	6	72	TTG	TAA	0	0	
mORF_-_1987215	1987215	1987229	-	4	15	GTG	TAG	0	0	
mORF_-_1987256	1987256	1987273	-	6	18	TTG	TAA	0	0	
mORF_-_1987270	1987270	1987287	-	5	18	TTG	TGA	0	0	
mORF_-_1987275	1987275	1987514	-	4	240	ATG	TGA	1	2	pORF_-_1987275
mORF_-_1987373	1987373	1987474	-	6	102	TTG	TGA	0	0	
mORF_-_1987484	1987484	1987495	-	6	12	ATG	TAA	0	0	
mORF_-_1987492	1987492	1987602	-	5	111	ATG	TGA	0	0	
mORF_-_1987609	1987609	1987617	-	5	9	ATG	TAA	0	0	
mORF_-_1987646	1987646	1987675	-	6	30	GTG	TAA	0	0	
mORF_-_1987653	1987653	1987766	-	4	114	ATG	TAA	0	0	
mORF_-_1987733	1987733	1987774	-	6	42	TTG	TAA	0	0	
mORF_-_1987808	1987808	1987918	-	6	111	TTG	TAA	0	0	
mORF_-_1987848	1987848	1987910	-	4	63	GTG	TAG	0	0	
mORF_-_1987861	1987861	1987944	-	5	84	TTG	TAA	0	0	
mORF_-_1987941	1987941	1988162	-	4	222	TTG	TGA	0	0	
mORF_-_1987958	1987958	1987996	-	6	39	ATG	TGA	0	0	
mORF_-_1988054	1988054	1988065	-	6	12	TTG	TAG	0	0	
mORF_-_1988084	1988084	1988125	-	6	42	GTG	TGA	0	0	
mORF_-_1988165	1988165	1988263	-	6	99	TTG	TAA	0	0	
mORF_-_1988191	1988191	1988211	-	5	21	GTG	TAG	0	0	
mORF_-_1988208	1988208	1988213	-	4	6	TTG	TGA	0	0	
mORF_-_1988224	1988224	1988295	-	5	72	GTG	TAA	0	0	
mORF_-_1988319	1988319	1988423	-	4	105	ATG	TAG	0	0	
mORF_-_1988357	1988357	1988434	-	6	78	TTG	TAA	0	0	
mORF_-_1988428	1988428	1988460	-	5	33	ATG	TGA	0	0	
mORF_-_1988453	1988453	1988653	-	6	201	TTG	TAG	0	0	
mORF_-_1988457	1988457	1988558	-	4	102	GTG	TGA	0	0	
mORF_-_1988488	1988488	1988532	-	5	45	ATG	TAA	0	0	
mORF_-_1988617	1988617	1988877	-	5	261	TTG	TGA	0	0	
mORF_-_1988654	1988654	1988749	-	6	96	ATG	TAA	0	0	
mORF_-_1988718	1988718	1988792	-	4	75	TTG	TAA	0	0	
mORF_-_1988805	1988805	1988930	-	4	126	TTG	TAA	0	0	
mORF_-_1988917	1988917	1989138	-	5	222	ATG	TGA	0	0	
mORF_-_1988936	1988936	1988968	-	6	33	TTG	TAA	0	0	
mORF_-_1988952	1988952	1988993	-	4	42	GTG	TAA	0	0	
mORF_-_1988978	1988978	1989643	-	6	666	ATG	TAA	13	48	pORF_-_1988978
mORF_-_1989012	1989012	1989026	-	4	15	TTG	TAG	0	0	
mORF_-_1989139	1989139	1989153	-	5	15	TTG	TAG	0	0	
mORF_-_1989175	1989175	1989213	-	5	39	TTG	TAG	0	0	
mORF_-_1989232	1989232	1989306	-	5	75	TTG	TAA	0	0	
mORF_-_1989258	1989258	1989296	-	4	39	GTG	TGA	0	0	
mORF_-_1989310	1989310	1989354	-	5	45	TTG	TGA	0	0	
mORF_-_1989427	1989427	1989504	-	5	78	TTG	TGA	0	0	
mORF_-_1989462	1989462	1989491	-	4	30	GTG	TGA	0	0	
mORF_-_1989532	1989532	1989561	-	5	30	TTG	TGA	0	0	
mORF_-_1989573	1989573	1989608	-	4	36	ATG	TGA	0	0	
mORF_-_1989589	1989589	1989618	-	5	30	GTG	TGA	0	0	
mORF_-_1989640	1989640	1989666	-	5	27	TTG	TGA	0	0	
mORF_-_1989663	1989663	1989677	-	4	15	GTG	TGA	0	0	
mORF_-_1989678	1989678	1989782	-	4	105	GTG	TAG	0	0	
mORF_-_1989683	1989683	1989688	-	6	6	ATG	TAA	0	0	

mORF_-_1989733	1989733	1989798	-	5	66	GTG	TAA	0	0	
mORF_-_1989740	1989740	1989760	-	6	21	TTG	TAA	0	0	
mORF_-_1989795	1989795	1989803	-	4	9	GTG	TGA	0	0	
mORF_-_1989807	1989807	1989839	-	4	33	ATG	TAA	0	0	
mORF_-_1989827	1989827	1989919	-	6	93	ATG	TAA	0	0	
mORF_-_1989904	1989904	1989981	-	5	78	TTG	TAG	0	0	
mORF_-_1989986	1989986	1989991	-	6	6	ATG	TAG	0	0	
mORF_-_1990002	1990002	1990154	-	4	153	TTG	TAA	0	0	
mORF_-_1990028	1990028	1990150	-	6	123	TTG	TGA	0	0	
mORF_-_1990060	1990060	1990110	-	5	51	TTG	TAA	0	0	
mORF_-_1990132	1990132	1990143	-	5	12	ATG	TAG	0	0	
mORF_-_1990155	1990155	1990166	-	4	12	GTG	TGA	0	0	
mORF_-_1990163	1990163	1990189	-	6	27	TTG	TGA	0	0	
mORF_-_1990190	1990190	1990315	-	6	126	GTG	TGA	0	0	
mORF_-_1990222	1990222	1990242	-	5	21	TTG	TAA	0	0	
mORF_-_1990279	1990279	1990296	-	5	18	GTG	TAA	0	0	
mORF_-_1990293	1990293	1990841	-	4	549	ATG	TGA	0	0	
mORF_-_1990300	1990300	1990347	-	5	48	GTG	TGA	0	0	
mORF_-_1990352	1990352	1990396	-	6	45	TTG	TGA	0	0	
mORF_-_1990393	1990393	1990425	-	5	33	ATG	TGA	0	0	
mORF_-_1990454	1990454	1990540	-	6	87	GTG	TGA	0	0	
mORF_-_1990492	1990492	1990512	-	5	21	ATG	TAA	0	0	
mORF_-_1990537	1990537	1990575	-	5	39	GTG	TGA	0	0	
mORF_-_1990595	1990595	1990696	-	6	102	ATG	TAA	0	0	
mORF_-_1990709	1990709	1990804	-	6	96	GTG	TGA	0	0	
mORF_-_1990887	1990887	1990901	-	4	15	TTG	TAG	0	0	
mORF_-_1990898	1990898	1992730	-	6	1833	GTG	TGA	5	13	pORF_-_1990898
mORF_-_1990906	1990906	1990962	-	5	57	TTG	TGA	0	0	
mORF_-_1991011	1991011	1991316	-	5	306	TTG	TGA	0	0	
mORF_-_1991268	1991268	1991276	-	4	9	ATG	TAA	0	0	
mORF_-_1991344	1991344	1991382	-	5	39	ATG	TGA	0	0	
mORF_-_1991404	1991404	1991538	-	5	135	TTG	TGA	0	0	
mORF_-_1991535	1991535	1991543	-	4	9	GTG	TGA	0	0	
mORF_-_1991569	1991569	1991583	-	5	15	TTG	TGA	0	0	
mORF_-_1991632	1991632	1991649	-	5	18	ATG	TAA	0	0	
mORF_-_1991665	1991665	1991787	-	5	123	GTG	TGA	0	0	
mORF_-_1991784	1991784	1991939	-	4	156	TTG	TGA	0	0	
mORF_-_1991854	1991854	1992180	-	5	327	GTG	TGA	0	0	
mORF_-_1992181	1992181	1992195	-	5	15	TTG	TGA	0	0	
mORF_-_1992192	1992192	1992236	-	4	45	GTG	TGA	0	0	
mORF_-_1992217	1992217	1992408	-	5	192	GTG	TAG	0	0	
mORF_-_1992261	1992261	1992272	-	4	12	GTG	TAG	0	0	
mORF_-_1992409	1992409	1992438	-	5	30	ATG	TGA	0	0	
mORF_-_1992526	1992526	1992534	-	5	9	TTG	TAA	0	0	
mORF_-_1992613	1992613	1992657	-	5	45	ATG	TGA	0	0	
mORF_-_1992697	1992697	1992726	-	5	30	GTG	TAA	0	0	
mORF_-_1992723	1992723	1992764	-	4	42	ATG	TGA	0	0	
mORF_-_1992727	1992727	1993383	-	5	657	TTG	TGA	5	17	pORF_-_1992727
mORF_-_1992752	1992752	1992757	-	6	6	GTG	TAA	0	0	
mORF_-_1992783	1992783	1992800	-	4	18	ATG	TGA	0	0	
mORF_-_1992840	1992840	1992881	-	4	42	ATG	TGA	0	0	
mORF_-_1992906	1992906	1992944	-	4	39	TTG	TGA	0	0	
mORF_-_1992978	1992978	1993046	-	4	69	GTG	TAA	0	0	
mORF_-_1993047	1993047	1993205	-	4	159	TTG	TGA	0	0	
mORF_-_1993227	1993227	1993292	-	4	66	GTG	TAA	0	0	
mORF_-_1993238	1993238	1993261	-	6	24	GTG	TGA	0	0	
mORF_-_1993274	1993274	1993282	-	6	9	GTG	TGA	0	0	
mORF_-_1993311	1993311	1993367	-	4	57	TTG	TAA	0	0	
mORF_-_1993412	1993412	1993429	-	6	18	ATG	TAG	0	0	
mORF_-_1993437	1993437	1993592	-	4	156	TTG	TAA	0	0	
mORF_-_1993447	1993447	1993455	-	5	9	TTG	TAA	0	0	
mORF_-_1993466	1993466	1993507	-	6	42	TTG	TAA	0	0	
mORF_-_1993574	1993574	1993612	-	6	39	TTG	TAG	0	0	

mORF_-_1993606	1993606	1993644	-	5	39	ATG	TGA	0	0	
mORF_-_1993622	1993622	1993750	-	6	129	TTG	TGA	0	0	
mORF_-_1993644	1993644	1993676	-	4	33	ATG	TAA	0	0	
mORF_-_1993648	1993648	1993680	-	5	33	ATG	TAA	0	0	
mORF_-_1993717	1993717	1993806	-	5	90	GTG	TAA	0	0	
mORF_-_1993740	1993740	1993769	-	4	30	TTG	TGA	0	0	
mORF_-_1993773	1993773	1993799	-	4	27	ATG	TAA	0	0	
mORF_-_1993793	1993793	1993819	-	6	27	ATG	TAA	0	0	
mORF_-_1993803	1993803	1993946	-	4	144	TTG	TGA	0	0	
mORF_-_1993816	1993816	1993827	-	5	12	ATG	TGA	0	0	
mORF_-_1993861	1993861	1993890	-	5	30	TTG	TAG	0	0	
mORF_-_1993877	1993877	1994029	-	6	153	TTG	TGA	0	0	
mORF_-_1993968	1993968	1994051	-	4	84	TTG	TAA	0	0	
mORF_-_1994044	1994044	1994109	-	5	66	ATG	TAA	0	0	
mORF_-_1994093	1994093	1994137	-	6	45	TTG	TGA	0	0	
mORF_-_1994134	1994134	1994868	-	5	735	TTG	TGA	0	0	
mORF_-_1994139	1994139	1994189	-	4	51	ATG	TAA	0	0	
mORF_-_1994234	1994234	1994290	-	6	57	GTG	TGA	0	0	
mORF_-_1994340	1994340	1994351	-	4	12	ATG	TAG	0	0	
mORF_-_1994400	1994400	1994417	-	4	18	GTG	TAA	0	0	
mORF_-_1994417	1994417	1994539	-	6	123	ATG	TAG	0	0	
mORF_-_1994487	1994487	1994570	-	4	84	ATG	TAA	0	0	
mORF_-_1994567	1994567	1994575	-	6	9	GTG	TGA	0	0	
mORF_-_1994607	1994607	1994774	-	4	168	ATG	TGA	0	0	
mORF_-_1994651	1994651	1994659	-	6	9	GTG	TAG	0	0	
mORF_-_1994690	1994690	1994725	-	6	36	ATG	TAA	0	0	
mORF_-_1994846	1994846	1994890	-	6	45	ATG	TAA	0	0	
mORF_-_1994887	1994887	1994907	-	5	21	TTG	TGA	0	0	
mORF_-_1994904	1994904	1994915	-	4	12	GTG	TGA	0	0	
mORF_-_1994912	1994912	1994917	-	6	6	ATG	TGA	0	0	
mORF_-_1994927	1994927	1994980	-	6	54	ATG	TAA	0	0	
mORF_-_1994943	1994943	1994975	-	4	33	ATG	TAA	0	0	
mORF_-_1994959	1994959	1994970	-	5	12	TTG	TAA	0	0	
mORF_-_1995001	1995001	1995144	-	5	144	TTG	TAA	0	0	
mORF_-_1995086	1995086	1995838	-	6	753	ATG	TAA	23	271	pORF_-_1995086
mORF_-_1995172	1995172	1995222	-	5	51	TTG	TAG	0	0	
mORF_-_1995238	1995238	1995243	-	5	6	TTG	TGA	0	0	
mORF_-_1995286	1995286	1995336	-	5	51	TTG	TGA	0	0	
mORF_-_1995343	1995343	1995495	-	5	153	GTG	TGA	0	0	
mORF_-_1995505	1995505	1995573	-	5	69	TTG	TGA	0	0	
mORF_-_1995619	1995619	1995654	-	5	36	TTG	TAA	0	0	
mORF_-_1995691	1995691	1995726	-	5	36	GTG	TAA	0	0	
mORF_-_1995760	1995760	1995768	-	5	9	TTG	TAA	0	0	
mORF_-_1995808	1995808	1995834	-	5	27	GTG	TGA	0	0	
mORF_-_1995825	1995825	1995875	-	4	51	TTG	TGA	0	0	
mORF_-_1995835	1995835	1996503	-	5	669	ATG	TGA	1	2	pORF_-_1995835
mORF_-_1996032	1996032	1996076	-	4	45	GTG	TAA	0	0	
mORF_-_1996040	1996040	1996150	-	6	111	GTG	TAG	0	0	
mORF_-_1996122	1996122	1996199	-	4	78	ATG	TGA	0	0	
mORF_-_1996212	1996212	1996226	-	4	15	TTG	TGA	0	0	
mORF_-_1996248	1996248	1996262	-	4	15	TTG	TAG	0	0	
mORF_-_1996284	1996284	1996316	-	4	33	GTG	TGA	0	0	
mORF_-_1996377	1996377	1996409	-	4	33	TTG	TGA	0	0	
mORF_-_1996455	1996455	1996478	-	4	24	TTG	TGA	0	0	
mORF_-_1996475	1996475	1996618	-	6	144	TTG	TGA	0	0	
mORF_-_1996518	1996518	1997600	-	4	1083	ATG	TAG	29	527	pORF_-_1996518
mORF_-_1996619	1996619	1996657	-	6	39	TTG	TGA	0	0	
mORF_-_1996688	1996688	1996744	-	6	57	ATG	TGA	0	0	
mORF_-_1996772	1996772	1996834	-	6	63	TTG	TGA	0	0	
mORF_-_1996850	1996850	1996858	-	6	9	TTG	TGA	0	0	
mORF_-_1996877	1996877	1996921	-	6	45	GTG	TGA	0	0	
mORF_-_1996934	1996934	1996999	-	6	66	ATG	TAG	0	0	
mORF_-_1996963	1996963	1996968	-	5	6	GTG	TGA	0	0	

mORF_-_1997003	1997003	1997098	-	6	96	ATG	TAG	0	0	
mORF_-_1997020	1997020	1997121	-	5	102	GTG	TAA	0	0	
mORF_-_1997108	1997108	1997128	-	6	21	TTG	TGA	0	0	
mORF_-_1997171	1997171	1997266	-	6	96	ATG	TAA	0	0	
mORF_-_1997294	1997294	1997386	-	6	93	ATG	TGA	0	0	
mORF_-_1997491	1997491	1997547	-	5	57	GTG	TAA	0	0	
mORF_-_1997609	1997609	1998466	-	6	858	GTG	TAA	87	1529	pORF_-_1997609
mORF_-_1997617	1997617	1997691	-	5	75	ATG	TGA	0	0	
mORF_-_1997622	1997622	1997636	-	4	15	ATG	TGA	0	0	
mORF_-_1997701	1997701	1997763	-	5	63	GTG	TGA	0	0	
mORF_-_1997794	1997794	1997835	-	5	42	ATG	TGA	0	0	
mORF_-_1997845	1997845	1997931	-	5	87	ATG	TAG	0	0	
mORF_-_1997880	1997880	1997924	-	4	45	GTG	TGA	0	0	
mORF_-_1997968	1997968	1997976	-	5	9	ATG	TGA	0	0	
mORF_-_1998010	1998010	1998075	-	5	66	ATG	TGA	0	0	
mORF_-_1998097	1998097	1998108	-	5	12	TTG	TGA	0	0	
mORF_-_1998114	1998114	1998146	-	4	33	ATG	TAA	0	0	
mORF_-_1998157	1998157	1998213	-	5	57	TTG	TAA	0	0	
mORF_-_1998220	1998220	1998234	-	5	15	ATG	TAA	0	0	
mORF_-_1998274	1998274	1998327	-	5	54	TTG	TAG	0	0	
mORF_-_1998340	1998340	1998351	-	5	12	TTG	TGA	0	0	
mORF_-_1998367	1998367	1998372	-	5	6	GTG	TGA	0	0	
mORF_-_1998427	1998427	1998474	-	5	48	TTG	TAA	0	0	
mORF_-_1998480	1998480	1998485	-	4	6	ATG	TAG	0	0	
mORF_-_1998493	1998493	1998726	-	5	234	GTG	TAA	0	0	
mORF_-_1998497	1998497	1999084	-	6	588	ATG	TAA	0	0	
mORF_-_1998507	1998507	1998623	-	4	117	GTG	TGA	0	0	
mORF_-_1998742	1998742	1998882	-	5	141	TTG	TGA	0	0	
mORF_-_1998795	1998795	1998812	-	4	18	TTG	TGA	0	0	
mORF_-_1998819	1998819	1998848	-	4	30	ATG	TGA	0	0	
mORF_-_1998960	1998960	1998977	-	4	18	TTG	TAA	0	0	
mORF_-_1999048	1999048	1999185	-	5	138	TTG	TAA	0	0	
mORF_-_1999094	1999094	1999813	-	6	720	GTG	TAA	8	22	pORF_-_1999094
mORF_-_1999267	1999267	1999431	-	5	165	TTG	TGA	0	0	
mORF_-_1999347	1999347	1999370	-	4	24	GTG	TAG	0	0	
mORF_-_1999453	1999453	1999482	-	5	30	TTG	TAG	0	0	
mORF_-_1999501	1999501	1999755	-	5	255	ATG	TAG	0	0	
mORF_-_1999689	1999689	1999766	-	4	78	GTG	TGA	0	0	
mORF_-_1999783	1999783	1999788	-	5	6	GTG	TAA	0	0	
mORF_-_1999810	1999810	1999848	-	5	39	ATG	TGA	0	0	
mORF_-_1999884	1999884	1999976	-	4	93	TTG	TAA	0	0	
mORF_-_1999915	1999915	2000085	-	5	171	ATG	TAA	0	0	
mORF_-_1999985	1999985	2000092	-	6	108	TTG	TAA	0	0	
mORF_-_2000022	2000022	2000027	-	4	6	TTG	TAG	0	0	
mORF_-_2000112	2000112	2000249	-	4	138	ATG	TGA	0	0	
mORF_-_2000125	2000125	2000130	-	5	6	TTG	TAA	0	0	
mORF_-_2000134	2000134	2001630	-	5	1497	ATG	TAA	65	1415	pORF_-_2000134
mORF_-_2000304	2000304	2000345	-	4	42	GTG	TGA	0	0	
mORF_-_2000367	2000367	2000384	-	4	18	ATG	TAG	0	0	
mORF_-_2000397	2000397	2000426	-	4	30	TTG	TGA	0	0	
mORF_-_2000433	2000433	2000447	-	4	15	GTG	TGA	0	0	
mORF_-_2000454	2000454	2000480	-	4	27	ATG	TGA	0	0	
mORF_-_2000481	2000481	2000633	-	4	153	ATG	TAA	0	0	
mORF_-_2000634	2000634	2000693	-	4	60	ATG	TGA	0	0	
mORF_-_2000718	2000718	2000822	-	4	105	ATG	TAG	0	0	
mORF_-_2000826	2000826	2000837	-	4	12	ATG	TAA	0	0	
mORF_-_2000862	2000862	2000882	-	4	21	TTG	TGA	0	0	
mORF_-_2000886	2000886	2001062	-	4	177	TTG	TAA	0	0	
mORF_-_2001069	2001069	2001143	-	4	75	TTG	TAA	0	0	
mORF_-_2001150	2001150	2001188	-	4	39	TTG	TGA	0	0	
mORF_-_2001198	2001198	2001209	-	4	12	ATG	TGA	0	0	
mORF_-_2001225	2001225	2001269	-	4	45	ATG	TGA	0	0	
mORF_-_2001345	2001345	2001410	-	4	66	TTG	TGA	0	0	

mORF_-_2001447	2001447	2001503	-	4	57	ATG	TGA	0	0
mORF_-_2001614	2001614	2001691	-	6	78	TTG	TAA	0	0
mORF_-_2001642	2001642	2001818	-	4	177	TTG	TAG	0	0
mORF_-_2001688	2001688	2001756	-	5	69	ATG	TGA	0	0
mORF_-_2001707	2001707	2001727	-	6	21	TTG	TAA	0	0
mORF_-_2001819	2001819	2001839	-	4	21	TTG	TAA	0	0
mORF_-_2001841	2001841	2001993	-	5	153	ATG	TGA	0	0
mORF_-_2001867	2001867	2001911	-	4	45	ATG	TAA	0	0
mORF_-_2001938	2001938	2001973	-	6	36	TTG	TAA	0	0
mORF_-_2001960	2001960	2001998	-	4	39	TTG	TGA	0	0
mORF_-_2001995	2001995	2002291	-	6	297	TTG	TGA	0	0
mORF_-_2002026	2002026	2002085	-	4	60	ATG	TAA	0	0
mORF_-_2002033	2002033	2002284	-	5	252	ATG	TAG	0	0
mORF_-_2002285	2002285	2002449	-	5	165	GTG	TGA	0	0
mORF_-_2002332	2002332	2002340	-	4	9	ATG	TAG	0	0
mORF_-_2002365	2002365	2002394	-	4	30	TTG	TGA	0	0
mORF_-_2002434	2002434	2002472	-	4	39	GTG	TGA	0	0
mORF_-_2002496	2002496	2002501	-	6	6	TTG	TAG	0	0
mORF_-_2002513	2002513	2002689	-	5	177	GTG	TAG	0	0
mORF_-_2002679	2002679	2002711	-	6	33	TTG	TAG	0	0
mORF_-_2002690	2002690	2002704	-	5	15	TTG	TGA	0	0
mORF_-_2002738	2002738	2002845	-	5	108	GTG	TAG	0	0
mORF_-_2002815	2002815	2002829	-	4	15	GTG	TAG	0	0
mORF_-_2002906	2002906	2003103	-	5	198	ATG	TAG	0	0
mORF_-_2002980	2002980	2003021	-	4	42	ATG	TGA	0	0
mORF_-_2003052	2003052	2003096	-	4	45	TTG	TGA	0	0
mORF_-_2003147	2003147	2003221	-	6	75	TTG	TAA	0	0
mORF_-_2003158	2003158	2003181	-	5	24	ATG	TAG	0	0
mORF_-_2003200	2003200	2003253	-	5	54	GTG	TAG	0	0
mORF_-_2003214	2003214	2003306	-	4	93	TTG	TAA	0	0
mORF_-_2003260	2003260	2003346	-	5	87	GTG	TAG	0	0
mORF_-_2003264	2003264	2003362	-	6	99	TTG	TAA	0	0
mORF_-_2003325	2003325	2003360	-	4	36	GTG	TGA	0	0
mORF_-_2003353	2003353	2003475	-	5	123	TTG	TAG	0	0
mORF_-_2003409	2003409	2003441	-	4	33	GTG	TGA	0	0
mORF_-_2003417	2003417	2003482	-	6	66	TTG	TAG	0	0
mORF_-_2003460	2003460	2003504	-	4	45	TTG	TAA	0	0
mORF_-_2003476	2003476	2003559	-	5	84	TTG	TGA	0	0
mORF_-_2003567	2003567	2003620	-	6	54	TTG	TAG	0	0
mORF_-_2003596	2003596	2003676	-	5	81	TTG	TAG	0	0
mORF_-_2003604	2003604	2003966	-	4	363	TTG	TGA	0	0
mORF_-_2003702	2003702	2003749	-	6	48	GTG	TAA	0	0
mORF_-_2003722	2003722	2003754	-	5	33	ATG	TGA	0	0
mORF_-_2003755	2003755	2003775	-	5	21	TTG	TAA	0	0
mORF_-_2003795	2003795	2003812	-	6	18	TTG	TGA	0	0
mORF_-_2003800	2003800	2003883	-	5	84	ATG	TAA	0	0
mORF_-_2003834	2003834	2004025	-	6	192	ATG	TGA	0	0
mORF_-_2004022	2004022	2004033	-	5	12	TTG	TGA	0	0
mORF_-_2004143	2004143	2004193	-	6	51	GTG	TAG	0	0
mORF_-_2004198	2004198	2004212	-	4	15	GTG	TAA	0	0
mORF_-_2004218	2004218	2004289	-	6	72	TTG	TAA	0	0
mORF_-_2004286	2004286	2004324	-	5	39	ATG	TGA	0	0
mORF_-_2004369	2004369	2004674	-	4	306	ATG	TAA	0	0
mORF_-_2004383	2004383	2004577	-	6	195	ATG	TGA	0	0
mORF_-_2004403	2004403	2004423	-	5	21	GTG	TAG	0	0
mORF_-_2004599	2004599	2004700	-	6	102	ATG	TAA	0	0
mORF_-_2004719	2004719	2004724	-	6	6	GTG	TAG	0	0
mORF_-_2004759	2004759	2005070	-	4	312	ATG	TAA	0	0
mORF_-_2004773	2004773	2004805	-	6	33	TTG	TAA	0	0
mORF_-_2004806	2004806	2004892	-	6	87	TTG	TGA	0	0
mORF_-_2004889	2004889	2004951	-	5	63	TTG	TGA	0	0
mORF_-_2004961	2004961	2005077	-	5	117	ATG	TAA	0	0
mORF_-_2005016	2005016	2005084	-	6	69	ATG	TGA	0	0

mORF_-_2005094	2005094	2005168	-	6	75	TTG	TAG	0	0	
mORF_-_2005114	2005114	2005125	-	5	12	ATG	TGA	0	0	
mORF_-_2005125	2005125	2005190	-	4	66	TTG	TAA	0	0	
mORF_-_2005169	2005169	2005177	-	6	9	GTG	TGA	0	0	
mORF_-_2005219	2005219	2005350	-	5	132	TTG	TAA	0	0	
mORF_-_2005239	2005239	2005328	-	4	90	TTG	TAA	0	0	
mORF_-_2005371	2005371	2005400	-	4	30	GTG	TAA	0	0	
mORF_-_2005385	2005385	2005519	-	6	135	ATG	TGA	0	0	
mORF_-_2005413	2005413	2005685	-	4	273	TTG	TAA	0	0	
mORF_-_2005486	2005486	2005611	-	5	126	TTG	TGA	0	0	
mORF_-_2005535	2005535	2005624	-	6	90	TTG	TAA	0	0	
mORF_-_2005648	2005648	2005701	-	5	54	ATG	TAA	0	0	
mORF_-_2005670	2005670	2005771	-	6	102	GTG	TGA	0	0	
mORF_-_2005701	2005701	2006180	-	4	480	TTG	TAA	20	191	pORF_-_2005701
mORF_-_2005729	2005729	2005749	-	5	21	GTG	TAA	0	0	
mORF_-_2005781	2005781	2005834	-	6	54	GTG	TGA	0	0	
mORF_-_2005838	2005838	2005861	-	6	24	ATG	TAA	0	0	
mORF_-_2005874	2005874	2005894	-	6	21	TTG	TGA	0	0	
mORF_-_2005879	2005879	2005917	-	5	39	TTG	TAA	0	0	
mORF_-_2005895	2005895	2005945	-	6	51	TTG	TGA	0	0	
mORF_-_2005955	2005955	2005981	-	6	27	GTG	TAG	0	0	
mORF_-_2006036	2006036	2006098	-	6	63	TTG	TGA	0	0	
mORF_-_2006114	2006114	2006152	-	6	39	ATG	TGA	0	0	
mORF_-_2006201	2006201	2006365	-	6	165	ATG	TAG	0	0	
mORF_-_2006208	2006208	2006246	-	4	39	ATG	TAA	0	0	
mORF_-_2006224	2006224	2006274	-	5	51	TTG	TAA	0	0	
mORF_-_2006293	2006293	2006298	-	5	6	ATG	TAG	0	0	
mORF_-_2006299	2006299	2006307	-	5	9	ATG	TGA	0	0	
mORF_-_2006304	2006304	2006510	-	4	207	ATG	TGA	0	0	
mORF_-_2006390	2006390	2006425	-	6	36	GTG	TAG	0	0	
mORF_-_2006492	2006492	2006659	-	6	168	ATG	TAA	0	0	
mORF_-_2006503	2006503	2006526	-	5	24	ATG	TAA	0	0	
mORF_-_2006526	2006526	2006741	-	4	216	ATG	TAA	0	0	
mORF_-_2006659	2006659	2006688	-	5	30	TTG	TAA	0	0	
mORF_-_2006713	2006713	2006778	-	5	66	ATG	TAA	0	0	
mORF_-_2006726	2006726	2006809	-	6	84	ATG	TGA	0	0	
mORF_-_2006794	2006794	2006853	-	5	60	GTG	TAA	0	0	
mORF_-_2006850	2006850	2006954	-	4	105	TTG	TGA	0	0	
mORF_-_2006873	2006873	2007109	-	6	237	ATG	TGA	0	0	
mORF_-_2006938	2006938	2006973	-	5	36	TTG	TGA	0	0	
mORF_-_2006997	2006997	2007017	-	4	21	TTG	TAA	0	0	
mORF_-_2007030	2007030	2007068	-	4	39	ATG	TGA	0	0	
mORF_-_2007052	2007052	2007081	-	5	30	TTG	TGA	0	0	
mORF_-_2007122	2007122	2007205	-	6	84	ATG	TAA	0	0	
mORF_-_2007151	2007151	2007303	-	5	153	TTG	TGA	0	0	
mORF_-_2007186	2007186	2007266	-	4	81	GTG	TAA	0	0	
mORF_-_2007266	2007266	2007289	-	6	24	TTG	TAG	0	0	
mORF_-_2007300	2007300	2007572	-	4	273	TTG	TGA	0	0	
mORF_-_2007317	2007317	2007367	-	6	51	TTG	TAA	0	0	
mORF_-_2007364	2007364	2007411	-	5	48	ATG	TGA	0	0	
mORF_-_2007442	2007442	2007480	-	5	39	GTG	TAA	0	0	
mORF_-_2007490	2007490	2007504	-	5	15	ATG	TAG	0	0	
mORF_-_2007556	2007556	2007645	-	5	90	TTG	TAA	0	0	
mORF_-_2007593	2007593	2007700	-	6	108	TTG	TAA	0	0	
mORF_-_2007642	2007642	2007656	-	4	15	GTG	TGA	0	0	
mORF_-_2007694	2007694	2007714	-	5	21	ATG	TGA	0	0	
mORF_-_2007722	2007722	2007760	-	6	39	GTG	TAA	0	0	
mORF_-_2007727	2007727	2007771	-	5	45	ATG	TGA	0	0	
mORF_-_2007774	2007774	2007809	-	4	36	GTG	TAA	0	0	
mORF_-_2007785	2007785	2007790	-	6	6	ATG	TGA	0	0	
mORF_-_2007821	2007821	2007871	-	6	51	TTG	TGA	0	0	
mORF_-_2007925	2007925	2007972	-	5	48	TTG	TAG	0	0	
mORF_-_2007977	2007977	2008378	-	6	402	TTG	TAG	0	0	

mORF_-_2008006	2008006	2008179	-	5	174	TTG	TGA	0	0
mORF_-_2008065	2008065	2008091	-	4	27	TTG	TAA	0	0
mORF_-_2008104	2008104	2008133	-	4	30	TTG	TAA	0	0
mORF_-_2008198	2008198	2008290	-	5	93	GTG	TAG	0	0
mORF_-_2008224	2008224	2008250	-	4	27	ATG	TAA	0	0
mORF_-_2008287	2008287	2008337	-	4	51	GTG	TGA	0	0
mORF_-_2008383	2008383	2008433	-	4	51	TTG	TAA	0	0
mORF_-_2008400	2008400	2008450	-	6	51	GTG	TGA	0	0
mORF_-_2008496	2008496	2008504	-	6	9	TTG	TAA	0	0
mORF_-_2008501	2008501	2008539	-	5	39	TTG	TGA	0	0
mORF_-_2008533	2008533	2008550	-	4	18	ATG	TGA	0	0
mORF_-_2008547	2008547	2008579	-	6	33	ATG	TGA	0	0
mORF_-_2008563	2008563	2008652	-	4	90	GTG	TAA	0	0
mORF_-_2008579	2008579	2008668	-	5	90	TTG	TAA	0	0
mORF_-_2008649	2008649	2008966	-	6	318	GTG	TGA	0	0
mORF_-_2008672	2008672	2008728	-	5	57	ATG	TAA	0	0
mORF_-_2008680	2008680	2008697	-	4	18	ATG	TAA	0	0
mORF_-_2008732	2008732	2008743	-	5	12	TTG	TAA	0	0
mORF_-_2008774	2008774	2008836	-	5	63	GTG	TGA	0	0
mORF_-_2008869	2008869	2008910	-	4	42	ATG	TAA	0	0
mORF_-_2008900	2008900	2008941	-	5	42	ATG	TAA	0	0
mORF_-_2008951	2008951	2009055	-	5	105	GTG	TAA	0	0
mORF_-_2008976	2008976	2009119	-	6	144	ATG	TAA	0	0
mORF_-_2009037	2009037	2009117	-	4	81	GTG	TAA	0	0
mORF_-_2009077	2009077	2009226	-	5	150	TTG	TAG	0	0
mORF_-_2009144	2009144	2009200	-	6	57	GTG	TAA	0	0
mORF_-_2009210	2009210	2009224	-	6	15	GTG	TAG	0	0
mORF_-_2009241	2009241	2009246	-	4	6	ATG	TAA	0	0
mORF_-_2009247	2009247	2009375	-	4	129	TTG	TAA	0	0
mORF_-_2009258	2009258	2009275	-	6	18	ATG	TAA	0	0
mORF_-_2009279	2009279	2009359	-	6	81	ATG	TAA	0	0
mORF_-_2009356	2009356	2009469	-	5	114	GTG	TGA	0	0
mORF_-_2009372	2009372	2009563	-	6	192	ATG	TGA	0	0
mORF_-_2009409	2009409	2009414	-	4	6	ATG	TAA	0	0
mORF_-_2009466	2009466	2009471	-	4	6	GTG	TGA	0	0
mORF_-_2009518	2009518	2009535	-	5	18	GTG	TAA	0	0
mORF_-_2009526	2009526	2009537	-	4	12	TTG	TAA	0	0
mORF_-_2009556	2009556	2009579	-	4	24	ATG	TGA	0	0
mORF_-_2009573	2009573	2009893	-	6	321	GTG	TAA	0	0
mORF_-_2009605	2009605	2009634	-	5	30	GTG	TGA	0	0
mORF_-_2009653	2009653	2009676	-	5	24	ATG	TAG	0	0
mORF_-_2009719	2009719	2009787	-	5	69	TTG	TAG	0	0
mORF_-_2009830	2009830	2009862	-	5	33	GTG	TAA	0	0
mORF_-_2009856	2009856	2009864	-	4	9	ATG	TGA	0	0
mORF_-_2009884	2009884	2009910	-	5	27	ATG	TAG	0	0
mORF_-_2009934	2009934	2009960	-	4	27	TTG	TAA	0	0
mORF_-_2009992	2009992	2010006	-	5	15	TTG	TAG	0	0
mORF_-_2010025	2010025	2010375	-	5	351	ATG	TAG	0	0
mORF_-_2010084	2010084	2010227	-	4	144	TTG	TAG	0	0
mORF_-_2010128	2010128	2010136	-	6	9	ATG	TGA	0	0
mORF_-_2010215	2010215	2010232	-	6	18	TTG	TAA	0	0
mORF_-_2010237	2010237	2010257	-	4	21	ATG	TAG	0	0
mORF_-_2010258	2010258	2010272	-	4	15	ATG	TAA	0	0
mORF_-_2010279	2010279	2010287	-	4	9	ATG	TAG	0	0
mORF_-_2010348	2010348	2010362	-	4	15	ATG	TAA	0	0
mORF_-_2010359	2010359	2010445	-	6	87	TTG	TGA	0	0
mORF_-_2010376	2010376	2010381	-	5	6	GTG	TAA	0	0
mORF_-_2010417	2010417	2010425	-	4	9	GTG	TAG	0	0
mORF_-_2010442	2010442	2010492	-	5	51	TTG	TGA	0	0
mORF_-_2010496	2010496	2010561	-	5	66	TTG	TAA	0	0
mORF_-_2010512	2010512	2010673	-	6	162	ATG	TAA	0	0
mORF_-_2010630	2010630	2010710	-	4	81	TTG	TGA	0	0
mORF_-_2010643	2010643	2010684	-	5	42	GTG	TAA	0	0

mORF_-_2010715	2010715	2010720	-	5	6	TTG	TAA	0	0	
mORF_-_2010724	2010724	2011068	-	5	345	TTG	TAG	1	2	pORF_-_2010724
mORF_-_2010825	2010825	2010830	-	4	6	ATG	TGA	0	0	
mORF_-_2010834	2010834	2010980	-	4	147	GTG	TAA	0	0	
mORF_-_2010981	2010981	2011019	-	4	39	TTG	TGA	0	0	
mORF_-_2011072	2011072	2011155	-	5	84	TTG	TAG	0	0	
mORF_-_2011083	2011083	2011277	-	4	195	TTG	TGA	0	0	
mORF_-_2011124	2011124	2011219	-	6	96	TTG	TAA	0	0	
mORF_-_2011168	2011168	2011359	-	5	192	ATG	TGA	0	0	
mORF_-_2011293	2011293	2011325	-	4	33	ATG	TAA	0	0	
mORF_-_2011356	2011356	2011403	-	4	48	ATG	TGA	0	0	
mORF_-_2011393	2011393	2011413	-	5	21	TTG	TAG	0	0	
mORF_-_2011403	2011403	2011711	-	6	309	ATG	TAA	0	0	
mORF_-_2011407	2011407	2011439	-	4	33	TTG	TGA	0	0	
mORF_-_2011497	2011497	2011562	-	4	66	TTG	TAG	0	0	
mORF_-_2011639	2011639	2011875	-	5	237	GTG	TGA	0	0	
mORF_-_2011680	2011680	2011799	-	4	120	GTG	TAG	0	0	
mORF_-_2011733	2011733	2011750	-	6	18	TTG	TAA	0	0	
mORF_-_2011784	2011784	2011897	-	6	114	ATG	TAA	0	0	
mORF_-_2011885	2011885	2011914	-	5	30	TTG	TGA	0	0	
mORF_-_2011901	2011901	2012113	-	6	213	ATG	TAA	0	0	
mORF_-_2012094	2012094	2012129	-	4	36	GTG	TAG	0	0	
mORF_-_2012126	2012126	2012377	-	6	252	TTG	TGA	0	0	
mORF_-_2012136	2012136	2012225	-	4	90	TTG	TAA	0	0	
mORF_-_2012197	2012197	2012232	-	5	36	GTG	TGA	0	0	
mORF_-_2012226	2012226	2012303	-	4	78	GTG	TGA	0	0	
mORF_-_2012245	2012245	2012301	-	5	57	GTG	TGA	0	0	
mORF_-_2012323	2012323	2012343	-	5	21	ATG	TAG	0	0	
mORF_-_2012347	2012347	2012355	-	5	9	TTG	TGA	0	0	
mORF_-_2012384	2012384	2012587	-	6	204	TTG	TGA	0	0	
mORF_-_2012404	2012404	2012541	-	5	138	TTG	TAA	0	0	
mORF_-_2012538	2012538	2012573	-	4	36	ATG	TGA	0	0	
mORF_-_2012592	2012592	2012684	-	4	93	GTG	TAA	0	0	
mORF_-_2012599	2012599	2012880	-	5	282	ATG	TGA	0	0	
mORF_-_2012678	2012678	2012779	-	6	102	TTG	TAG	0	0	
mORF_-_2012780	2012780	2013124	-	6	345	TTG	TAG	0	0	
mORF_-_2012877	2012877	2013008	-	4	132	TTG	TGA	0	0	
mORF_-_2012980	2012980	2013024	-	5	45	TTG	TGA	0	0	
mORF_-_2013034	2013034	2013108	-	5	75	GTG	TGA	0	0	
mORF_-_2013057	2013057	2013989	-	4	933	ATG	TAG	0	0	
mORF_-_2013128	2013128	2013391	-	6	264	GTG	TAA	0	0	
mORF_-_2013238	2013238	2013249	-	5	12	GTG	TAA	0	0	
mORF_-_2013458	2013458	2013514	-	6	57	TTG	TGA	0	0	
mORF_-_2013527	2013527	2013643	-	6	117	ATG	TGA	0	0	
mORF_-_2013589	2013589	2014350	-	5	762	TTG	TGA	0	0	
mORF_-_2013644	2013644	2013778	-	6	135	TTG	TGA	0	0	
mORF_-_2013890	2013890	2013946	-	6	57	GTG	TAG	0	0	
mORF_-_2013986	2013986	2014171	-	6	186	TTG	TGA	0	0	
mORF_-_2014211	2014211	2014276	-	6	66	GTG	TAG	0	0	
mORF_-_2014278	2014278	2014286	-	4	9	ATG	TGA	0	0	
mORF_-_2014283	2014283	2014318	-	6	36	GTG	TGA	0	0	
mORF_-_2014290	2014290	2014532	-	4	243	GTG	TGA	0	0	
mORF_-_2014357	2014357	2014404	-	5	48	TTG	TAA	0	0	
mORF_-_2014361	2014361	2014375	-	6	15	GTG	TGA	0	0	
mORF_-_2014427	2014427	2014630	-	6	204	TTG	TAG	0	0	
mORF_-_2014432	2014432	2014542	-	5	111	TTG	TAA	0	0	
mORF_-_2014658	2014658	2014738	-	6	81	ATG	TAG	0	0	
mORF_-_2014678	2014678	2014728	-	5	51	TTG	TAG	0	0	
mORF_-_2014707	2014707	2014802	-	4	96	TTG	TAA	0	0	
mORF_-_2014812	2014812	2014892	-	4	81	TTG	TAA	0	0	
mORF_-_2014859	2014859	2015077	-	6	219	TTG	TAA	0	0	
mORF_-_2014926	2014926	2015048	-	4	123	ATG	TAA	0	0	
mORF_-_2015005	2015005	2015016	-	5	12	ATG	TAA	0	0	

mORF_-_2015017	2015017	2015073	-	5	57	TTG	TAA	0	0	
mORF_-_2015086	2015086	2015166	-	5	81	GTG	TAA	0	0	
mORF_-_2015168	2015168	2015245	-	6	78	ATG	TAA	0	0	
mORF_-_2015233	2015233	2015268	-	5	36	GTG	TAA	0	0	
mORF_-_2015271	2015271	2015375	-	4	105	ATG	TGA	0	0	
mORF_-_2015330	2015330	2015344	-	6	15	ATG	TAG	0	0	
mORF_-_2015369	2015369	2015401	-	6	33	GTG	TGA	0	0	
mORF_-_2015398	2015398	2015499	-	5	102	GTG	TGA	0	0	
mORF_-_2015405	2015405	2015461	-	6	57	TTG	TAG	0	0	
mORF_-_2015465	2015465	2015524	-	6	60	ATG	TAA	0	0	
mORF_-_2015490	2015490	2015879	-	4	390	TTG	TAA	0	0	
mORF_-_2015552	2015552	2015566	-	6	15	GTG	TAA	0	0	
mORF_-_2015624	2015624	2015629	-	6	6	ATG	TGA	0	0	
mORF_-_2015692	2015692	2015703	-	5	12	TTG	TGA	0	0	
mORF_-_2015729	2015729	2015752	-	6	24	TTG	TAA	0	0	
mORF_-_2015771	2015771	2015842	-	6	72	ATG	TGA	0	0	
mORF_-_2015791	2015791	2015949	-	5	159	ATG	TAA	0	0	
mORF_-_2015867	2015867	2015884	-	6	18	ATG	TAG	0	0	
mORF_-_2015946	2015946	2016323	-	4	378	TTG	TGA	0	0	
mORF_-_2016065	2016065	2016088	-	6	24	TTG	TGA	0	0	
mORF_-_2016104	2016104	2016172	-	6	69	TTG	TGA	0	0	
mORF_-_2016176	2016176	2016208	-	6	33	ATG	TGA	0	0	
mORF_-_2016229	2016229	2016708	-	5	480	GTG	TAA	2	4	pORF_-_2016229
mORF_-_2016233	2016233	2016328	-	6	96	GTG	TGA	0	0	
mORF_-_2016359	2016359	2016397	-	6	39	ATG	TGA	0	0	
mORF_-_2016419	2016419	2016490	-	6	72	TTG	TAA	0	0	
mORF_-_2016432	2016432	2016533	-	4	102	TTG	TAA	0	0	
mORF_-_2016518	2016518	2016631	-	6	114	TTG	TAA	0	0	
mORF_-_2016534	2016534	2016587	-	4	54	TTG	TAG	0	0	
mORF_-_2016633	2016633	2016662	-	4	30	GTG	TAG	0	0	
mORF_-_2016638	2016638	2016685	-	6	48	TTG	TAA	0	0	
mORF_-_2016672	2016672	2016755	-	4	84	TTG	TGA	0	0	
mORF_-_2016712	2016712	2016954	-	5	243	GTG	TGA	0	0	
mORF_-_2016789	2016789	2016890	-	4	102	TTG	TGA	0	0	
mORF_-_2016872	2016872	2016919	-	6	48	TTG	TAA	0	0	
mORF_-_2016897	2016897	2016902	-	4	6	TTG	TGA	0	0	
mORF_-_2016921	2016921	2016974	-	4	54	GTG	TGA	0	0	
mORF_-_2016961	2016961	2017083	-	5	123	GTG	TGA	0	0	
mORF_-_2017011	2017011	2017025	-	4	15	GTG	TGA	0	0	
mORF_-_2017049	2017049	2017135	-	6	87	TTG	TAG	0	0	
mORF_-_2017053	2017053	2017139	-	4	87	ATG	TGA	0	0	
mORF_-_2017120	2017120	2017236	-	5	117	TTG	TGA	0	0	
mORF_-_2017139	2017139	2017201	-	6	63	GTG	TAA	0	0	
mORF_-_2017211	2017211	2017258	-	6	48	TTG	TAA	0	0	
mORF_-_2017233	2017233	2017274	-	4	42	GTG	TGA	0	0	
mORF_-_2017271	2017271	2017285	-	6	15	ATG	TGA	0	0	
mORF_-_2017279	2017279	2017347	-	5	69	ATG	TGA	0	0	
mORF_-_2017348	2017348	2017368	-	5	21	ATG	TGA	0	0	
mORF_-_2017352	2017352	2017441	-	6	90	ATG	TAA	0	0	
mORF_-_2017383	2017383	2017589	-	4	207	TTG	TAA	0	0	
mORF_-_2017390	2017390	2017512	-	5	123	TTG	TGA	0	0	
mORF_-_2017490	2017490	2017552	-	6	63	GTG	TAA	0	0	
mORF_-_2017540	2017540	2017785	-	5	246	TTG	TGA	0	0	
mORF_-_2017602	2017602	2017643	-	4	42	ATG	TAA	0	0	
mORF_-_2017650	2017650	2017706	-	4	57	ATG	TAA	0	0	
mORF_-_2017706	2017706	2017801	-	6	96	GTG	TAA	0	0	
mORF_-_2017755	2017755	2017775	-	4	21	TTG	TGA	0	0	
mORF_-_2017809	2017809	2017835	-	4	27	TTG	TAG	0	0	
mORF_-_2017860	2017860	2017871	-	4	12	ATG	TAA	0	0	
mORF_-_2017948	2017948	2018112	-	5	165	ATG	TAA	0	0	
mORF_-_2017962	2017962	2018072	-	4	111	GTG	TGA	0	0	
mORF_-_2018018	2018018	2018029	-	6	12	GTG	TAA	0	0	
mORF_-_2018093	2018093	2018428	-	6	336	ATG	TAA	0	0	

mORF_-_2018131	2018131	2018367	-	5	237	ATG	TGA	0	0
mORF_-_2018368	2018368	2018580	-	5	213	ATG	TGA	0	0
mORF_-_2018421	2018421	2018468	-	4	48	GTG	TAA	0	0
mORF_-_2018465	2018465	2018725	-	6	261	ATG	TGA	0	0
mORF_-_2018602	2018602	2018778	-	5	177	ATG	TAG	0	0
mORF_-_2018754	2018754	2018771	-	4	18	ATG	TAA	0	0
mORF_-_2018789	2018789	2018878	-	6	90	ATG	TAG	0	0
mORF_-_2018805	2018805	2018882	-	4	78	GTG	TAA	0	0
mORF_-_2018839	2018839	2018988	-	5	150	ATG	TGA	0	0
mORF_-_2018936	2018936	2018995	-	6	60	ATG	TAA	0	0
mORF_-_2019022	2019022	2019039	-	5	18	TTG	TGA	0	0
mORF_-_2019043	2019043	2019189	-	5	147	TTG	TGA	0	0
mORF_-_2019053	2019053	2019067	-	6	15	ATG	TAA	0	0
mORF_-_2019072	2019072	2019416	-	4	345	TTG	TAA	0	0
mORF_-_2019083	2019083	2019196	-	6	114	TTG	TAA	0	0
mORF_-_2019193	2019193	2019360	-	5	168	TTG	TGA	0	0
mORF_-_2019335	2019335	2019400	-	6	66	GTG	TGA	0	0
mORF_-_2019420	2019420	2019488	-	4	69	ATG	TAA	0	0
mORF_-_2019488	2019488	2019673	-	6	186	GTG	TAA	0	0
mORF_-_2019522	2019522	2019551	-	4	30	TTG	TAA	0	0
mORF_-_2019541	2019541	2019600	-	5	60	GTG	TAG	0	0
mORF_-_2019694	2019694	2019756	-	5	63	GTG	TAA	0	0
mORF_-_2019708	2019708	2019917	-	4	210	GTG	TGA	0	0
mORF_-_2019782	2019782	2019790	-	6	9	TTG	TGA	0	0
mORF_-_2019787	2019787	2019822	-	5	36	TTG	TGA	0	0
mORF_-_2019848	2019848	2019859	-	6	12	ATG	TGA	0	0
mORF_-_2019871	2019871	2020212	-	5	342	TTG	TAA	0	0
mORF_-_2019902	2019902	2020000	-	6	99	TTG	TAA	0	0
mORF_-_2020050	2020050	2020061	-	4	12	TTG	TAA	0	0
mORF_-_2020095	2020095	2020145	-	4	51	GTG	TGA	0	0
mORF_-_2020146	2020146	2020172	-	4	27	GTG	TAG	0	0
mORF_-_2020191	2020191	2020238	-	4	48	ATG	TAA	0	0
mORF_-_2020239	2020239	2020259	-	4	21	TTG	TGA	0	0
mORF_-_2020302	2020302	2020439	-	4	138	ATG	TAA	0	0
mORF_-_2020312	2020312	2020398	-	5	87	ATG	TGA	0	0
mORF_-_2020331	2020331	2020591	-	6	261	TTG	TAA	0	0
mORF_-_2020441	2020441	2020542	-	5	102	ATG	TGA	0	0
mORF_-_2020476	2020476	2020511	-	4	36	ATG	TAA	0	0
mORF_-_2020554	2020554	2020646	-	4	93	GTG	TAA	0	0
mORF_-_2020627	2020627	2020851	-	5	225	TTG	TAG	0	0
mORF_-_2020656	2020656	2020697	-	4	42	GTG	TGA	0	0
mORF_-_2020709	2020709	2021302	-	6	594	ATG	TAG	0	0
mORF_-_2020864	2020864	2020902	-	5	39	ATG	TAA	0	0
mORF_-_2020899	2020899	2020940	-	4	42	TTG	TGA	0	0
mORF_-_2020915	2020915	2021058	-	5	144	TTG	TAG	0	0
mORF_-_2021065	2021065	2021088	-	5	24	ATG	TGA	0	0
mORF_-_2021088	2021088	2021231	-	4	144	TTG	TAA	0	0
mORF_-_2021218	2021218	2021244	-	5	27	ATG	TAA	0	0
mORF_-_2021241	2021241	2021273	-	4	33	ATG	TGA	0	0
mORF_-_2021299	2021299	2021334	-	5	36	ATG	TGA	0	0
mORF_-_2021316	2021316	2021345	-	4	30	ATG	TAA	0	0
mORF_-_2021335	2021335	2021430	-	5	96	GTG	TAA	0	0
mORF_-_2021358	2021358	2021381	-	4	24	GTG	TGA	0	0
mORF_-_2021378	2021378	2021593	-	6	216	ATG	TGA	0	0
mORF_-_2021488	2021488	2021517	-	5	30	ATG	TAA	0	0
mORF_-_2021523	2021523	2021546	-	4	24	TTG	TAA	0	0
mORF_-_2021560	2021560	2021628	-	5	69	GTG	TAA	0	0
mORF_-_2021619	2021619	2021642	-	4	24	ATG	TAA	0	0
mORF_-_2021680	2021680	2021694	-	5	15	ATG	TAA	0	0
mORF_-_2021694	2021694	2021720	-	4	27	ATG	TAA	0	0
mORF_-_2021717	2021717	2021761	-	6	45	ATG	TGA	0	0
mORF_-_2021727	2021727	2021804	-	4	78	GTG	TAG	0	0
mORF_-_2021752	2021752	2021820	-	5	69	ATG	TAG	0	0

mORF_-_2021805	2021805	2021810	-	4	6	ATG	TGA	0	0	
mORF_-_2021826	2021826	2021861	-	4	36	GTG	TAA	0	0	
mORF_-_2021831	2021831	2021839	-	6	9	TTG	TAA	0	0	
mORF_-_2021863	2021863	2021937	-	5	75	ATG	TAA	0	0	
mORF_-_2021934	2021934	2021993	-	4	60	ATG	TGA	0	0	
mORF_-_2021948	2021948	2021998	-	6	51	TTG	TGA	0	0	
mORF_-_2022021	2022021	2022167	-	4	147	ATG	TAA	0	0	
mORF_-_2022080	2022080	2022127	-	6	48	GTG	TGA	0	0	
mORF_-_2022136	2022136	2022216	-	5	81	ATG	TGA	0	0	
mORF_-_2022186	2022186	2022206	-	4	21	ATG	TGA	0	0	
mORF_-_2022210	2022210	2022254	-	4	45	TTG	TGA	0	0	
mORF_-_2022226	2022226	2022261	-	5	36	ATG	TAA	0	0	
mORF_-_2022239	2022239	2022247	-	6	9	TTG	TAA	0	0	
mORF_-_2022314	2022314	2022403	-	6	90	ATG	TAA	0	0	
mORF_-_2022400	2022400	2022474	-	5	75	TTG	TGA	0	0	
mORF_-_2022447	2022447	2022458	-	4	12	ATG	TGA	0	0	
mORF_-_2022459	2022459	2022533	-	4	75	TTG	TGA	0	0	
mORF_-_2022482	2022482	2022502	-	6	21	ATG	TGA	0	0	
mORF_-_2022499	2022499	2022813	-	5	315	ATG	TGA	0	0	
mORF_-_2022555	2022555	2022608	-	4	54	ATG	TAG	0	0	
mORF_-_2022602	2022602	2022640	-	6	39	GTG	TGA	0	0	
mORF_-_2022612	2022612	2022620	-	4	9	ATG	TAG	0	0	
mORF_-_2022659	2022659	2022847	-	6	189	ATG	TAA	0	0	
mORF_-_2022826	2022826	2022837	-	5	12	ATG	TAA	0	0	
mORF_-_2022834	2022834	2023043	-	4	210	TTG	TGA	0	0	
mORF_-_2022944	2022944	2023294	-	6	351	TTG	TAA	0	0	
mORF_-_2022964	2022964	2023089	-	5	126	TTG	TAA	0	0	
mORF_-_2023140	2023140	2023169	-	4	30	ATG	TAA	0	0	
mORF_-_2023204	2023204	2023245	-	5	42	TTG	TGA	0	0	
mORF_-_2023287	2023287	2023301	-	4	15	GTG	TAA	0	0	
mORF_-_2023314	2023314	2023385	-	4	72	ATG	TAA	0	0	
mORF_-_2023340	2023340	2023354	-	6	15	TTG	TGA	0	0	
mORF_-_2023345	2023345	2023431	-	5	87	GTG	TAA	0	0	
mORF_-_2023400	2023400	2023477	-	6	78	ATG	TAG	0	0	
mORF_-_2023428	2023428	2023508	-	4	81	ATG	TGA	0	0	
mORF_-_2023533	2023533	2023556	-	4	24	GTG	TAG	0	0	
mORF_-_2023541	2023541	2023552	-	6	12	TTG	TGA	0	0	
mORF_-_2023546	2023546	2023584	-	5	39	GTG	TGA	0	0	
mORF_-_2023556	2023556	2023615	-	6	60	TTG	TAG	0	0	
mORF_-_2023603	2023603	2023911	-	5	309	ATG	TAA	0	0	
mORF_-_2023632	2023632	2023652	-	4	21	TTG	TGA	0	0	
mORF_-_2023662	2023662	2023802	-	4	141	GTG	TGA	0	0	
mORF_-_2023685	2023685	2023708	-	6	24	TTG	TGA	0	0	
mORF_-_2023721	2023721	2023726	-	6	6	TTG	TAG	0	0	
mORF_-_2023730	2023730	2023777	-	6	48	TTG	TAA	0	0	
mORF_-_2023811	2023811	2023825	-	6	15	ATG	TGA	0	0	
mORF_-_2023853	2023853	2023870	-	6	18	ATG	TAG	0	0	
mORF_-_2023878	2023878	2024012	-	4	135	GTG	TGA	0	0	
mORF_-_2023928	2023928	2023963	-	6	36	ATG	TAA	0	0	
mORF_-_2023979	2023979	2024014	-	6	36	TTG	TAG	0	0	
mORF_-_2024042	2024042	2024137	-	6	96	TTG	TAA	0	0	
mORF_-_2024101	2024101	2024112	-	5	12	TTG	TGA	0	0	
mORF_-_2024118	2024118	2024447	-	4	330	GTG	TAA	0	0	
mORF_-_2024131	2024131	2024160	-	5	30	GTG	TGA	0	0	
mORF_-_2024234	2024234	2024332	-	6	99	ATG	TAG	0	0	
mORF_-_2024347	2024347	2026056	-	5	1710	TTG	TAA	2	4	pORF_-_2024347
mORF_-_2024466	2024466	2024483	-	4	18	GTG	TAA	0	0	
mORF_-_2024511	2024511	2024528	-	4	18	ATG	TGA	0	0	
mORF_-_2024525	2024525	2024599	-	6	75	TTG	TGA	0	0	
mORF_-_2024592	2024592	2024639	-	4	48	GTG	TGA	0	0	
mORF_-_2024655	2024655	2024816	-	4	162	GTG	TAA	2	7	pORF_-_2024655
mORF_-_2024729	2024729	2024776	-	6	48	GTG	TGA	0	0	
mORF_-_2024819	2024819	2024857	-	6	39	GTG	TAA	0	0	

mORF_-_2024832	2024832	2024879	-	4	48	ATG	TAA	0	0	
mORF_-_2024888	2024888	2024947	-	6	60	GTG	TAG	0	0	
mORF_-_2024904	2024904	2024909	-	4	6	ATG	TGA	0	0	
mORF_-_2024955	2024955	2024963	-	4	9	TTG	TAA	0	0	
mORF_-_2025000	2025000	2025137	-	4	138	TTG	TAA	0	0	
mORF_-_2025183	2025183	2025215	-	4	33	ATG	TGA	0	0	
mORF_-_2025273	2025273	2025290	-	4	18	ATG	TGA	0	0	
mORF_-_2025309	2025309	2025530	-	4	222	TTG	TAG	0	0	
mORF_-_2025552	2025552	2025611	-	4	60	ATG	TAG	0	0	
mORF_-_2025642	2025642	2025662	-	4	21	ATG	TAG	0	0	
mORF_-_2025735	2025735	2025746	-	4	12	GTG	TAA	0	0	
mORF_-_2025771	2025771	2025794	-	4	24	ATG	TAG	0	0	
mORF_-_2025807	2025807	2025971	-	4	165	ATG	TGA	0	0	
mORF_-_2025962	2025962	2026150	-	6	189	ATG	TAA	0	0	
mORF_-_2026002	2026002	2026169	-	4	168	GTG	TGA	0	0	
mORF_-_2026066	2026066	2026080	-	5	15	ATG	TAA	0	0	
mORF_-_2026117	2026117	2026131	-	5	15	ATG	TAA	0	0	
mORF_-_2026163	2026163	2026339	-	6	177	TTG	TAA	0	0	
mORF_-_2026198	2026198	2026215	-	5	18	GTG	TAA	0	0	
mORF_-_2026212	2026212	2026394	-	4	183	ATG	TGA	0	0	
mORF_-_2026294	2026294	2026308	-	5	15	GTG	TGA	0	0	
mORF_-_2026340	2026340	2026378	-	6	39	GTG	TGA	0	0	
mORF_-_2026378	2026378	2026455	-	5	78	ATG	TAG	0	0	
mORF_-_2026473	2026473	2027390	-	4	918	ATG	TAA	1	3	pORF_-_2026473
mORF_-_2026508	2026508	2026546	-	6	39	TTG	TGA	0	0	
mORF_-_2026583	2026583	2026690	-	6	108	TTG	TAG	0	0	
mORF_-_2026735	2026735	2026779	-	5	45	TTG	TAA	0	0	
mORF_-_2026751	2026751	2026795	-	6	45	TTG	TGA	0	0	
mORF_-_2026838	2026838	2026897	-	6	60	TTG	TAG	0	0	
mORF_-_2026958	2026958	2026975	-	6	18	TTG	TAA	0	0	
mORF_-_2027075	2027075	2027107	-	6	33	TTG	TAG	0	0	
mORF_-_2027083	2027083	2027133	-	5	51	GTG	TGA	0	0	
mORF_-_2027111	2027111	2027146	-	6	36	GTG	TGA	0	0	
mORF_-_2027186	2027186	2027275	-	6	90	ATG	TGA	0	0	
mORF_-_2027279	2027279	2027287	-	6	9	GTG	TAG	0	0	
mORF_-_2027318	2027318	2027353	-	6	36	ATG	TGA	0	0	
mORF_-_2027371	2027371	2027490	-	5	120	TTG	TAG	0	0	
mORF_-_2027403	2027403	2027459	-	4	57	GTG	TAA	0	0	
mORF_-_2027463	2027463	2027480	-	4	18	TTG	TGA	0	0	
mORF_-_2027474	2027474	2027551	-	6	78	GTG	TAA	0	0	
mORF_-_2027481	2027481	2027618	-	4	138	ATG	TGA	0	0	
mORF_-_2027615	2027615	2027629	-	6	15	TTG	TGA	0	0	
mORF_-_2027631	2027631	2027816	-	4	186	ATG	TAG	0	0	
mORF_-_2027639	2027639	2027722	-	6	84	ATG	TGA	0	0	
mORF_-_2027728	2027728	2027742	-	5	15	GTG	TAG	0	0	
mORF_-_2027768	2027768	2027875	-	6	108	TTG	TGA	0	0	
mORF_-_2027791	2027791	2027838	-	5	48	TTG	TAA	0	0	
mORF_-_2027835	2027835	2028005	-	4	171	TTG	TGA	0	0	
mORF_-_2028063	2028063	2028077	-	4	15	ATG	TAA	0	0	
mORF_-_2028210	2028210	2028245	-	4	36	TTG	TAG	0	0	
mORF_-_2028249	2028249	2028290	-	4	42	GTG	TAA	0	0	
mORF_-_2028300	2028300	2028413	-	4	114	GTG	TAA	0	0	
mORF_-_2028305	2028305	2028355	-	6	51	GTG	TAA	0	0	
mORF_-_2028410	2028410	2028439	-	6	30	TTG	TGA	0	0	
mORF_-_2028458	2028458	2028535	-	6	78	GTG	TAA	0	0	
mORF_-_2028462	2028462	2028563	-	4	102	ATG	TGA	0	0	
mORF_-_2028472	2028472	2029104	-	5	633	TTG	TGA	0	0	
mORF_-_2028560	2028560	2028595	-	6	36	GTG	TGA	0	0	
mORF_-_2028567	2028567	2028605	-	4	39	TTG	TGA	0	0	
mORF_-_2028606	2028606	2028665	-	4	60	ATG	TGA	0	0	
mORF_-_2028672	2028672	2028752	-	4	81	ATG	TAG	0	0	
mORF_-_2028762	2028762	2028788	-	4	27	TTG	TGA	0	0	
mORF_-_2028870	2028870	2028893	-	4	24	TTG	TAG	0	0	

mORF_-_2028923	2028923	2030350	-	6	1428	GTG	TAA	4	9	pORF_-_2028923
mORF_-_2029101	2029101	2029124	-	4	24	ATG	TGA	0	0	
mORF_-_2029162	2029162	2029188	-	5	27	GTG	TGA	0	0	
mORF_-_2029216	2029216	2029338	-	5	123	ATG	TAA	0	0	
mORF_-_2029311	2029311	2029439	-	4	129	ATG	TAA	0	0	
mORF_-_2029417	2029417	2029452	-	5	36	GTG	TGA	0	0	
mORF_-_2029477	2029477	2029593	-	5	117	ATG	TGA	0	0	
mORF_-_2029654	2029654	2029884	-	5	231	GTG	TGA	0	0	
mORF_-_2029719	2029719	2029814	-	4	96	TTG	TGA	0	0	
mORF_-_2029885	2029885	2030151	-	5	267	GTG	TGA	0	0	
mORF_-_2029929	2029929	2029955	-	4	27	TTG	TAA	0	0	
mORF_-_2029968	2029968	2030015	-	4	48	GTG	TAA	0	0	
mORF_-_2030148	2030148	2030165	-	4	18	ATG	TGA	0	0	
mORF_-_2030152	2030152	2030187	-	5	36	GTG	TAA	0	0	
mORF_-_2030191	2030191	2030220	-	5	30	GTG	TAA	0	0	
mORF_-_2030221	2030221	2030298	-	5	78	ATG	TAG	0	0	
mORF_-_2030256	2030256	2030393	-	4	138	ATG	TGA	0	0	
mORF_-_2030347	2030347	2030430	-	5	84	ATG	TGA	0	0	
mORF_-_2030408	2030408	2031103	-	6	696	ATG	TGA	1	2	pORF_-_2030408
mORF_-_2030434	2030434	2030478	-	5	45	GTG	TGA	0	0	
mORF_-_2030566	2030566	2030739	-	5	174	TTG	TGA	0	0	
mORF_-_2030742	2030742	2030804	-	4	63	TTG	TAA	0	0	
mORF_-_2030755	2030755	2030847	-	5	93	GTG	TAA	0	0	
mORF_-_2030920	2030920	2030925	-	5	6	TTG	TGA	0	0	
mORF_-_2030953	2030953	2031030	-	5	78	ATG	TGA	0	0	
mORF_-_2030973	2030973	2031023	-	4	51	GTG	TGA	0	0	
mORF_-_2031027	2031027	2031131	-	4	105	GTG	TGA	0	0	
mORF_-_2031061	2031061	2031120	-	5	60	TTG	TGA	0	0	
mORF_-_2031133	2031133	2031192	-	5	60	TTG	TAA	0	0	
mORF_-_2031143	2031143	2031526	-	6	384	TTG	TAA	0	0	
mORF_-_2031159	2031159	2031254	-	4	96	GTG	TAG	0	0	
mORF_-_2031271	2031271	2031303	-	5	33	ATG	TAG	0	0	
mORF_-_2031282	2031282	2031380	-	4	99	GTG	TGA	0	0	
mORF_-_2031319	2031319	2031360	-	5	42	GTG	TGA	0	0	
mORF_-_2031481	2031481	2031510	-	5	30	ATG	TAA	0	0	
mORF_-_2031495	2031495	2031533	-	4	39	TTG	TGA	0	0	
mORF_-_2031523	2031523	2031567	-	5	45	TTG	TGA	0	0	
mORF_-_2031534	2031534	2031548	-	4	15	TTG	TGA	0	0	
mORF_-_2031629	2031629	2031637	-	6	9	ATG	TAA	0	0	
mORF_-_2031634	2031634	2031645	-	5	12	TTG	TGA	0	0	
mORF_-_2031642	2031642	2031656	-	4	15	GTG	TGA	0	0	
mORF_-_2031660	2031660	2031665	-	4	6	TTG	TAA	0	0	
mORF_-_2031666	2031666	2031692	-	4	27	ATG	TAA	0	0	
mORF_-_2031706	2031706	2031816	-	5	111	ATG	TAA	0	0	
mORF_-_2031726	2031726	2031746	-	4	21	ATG	TAA	0	0	
mORF_-_2031762	2031762	2031812	-	4	51	TTG	TAA	0	0	
mORF_-_2031788	2031788	2031841	-	6	54	TTG	TGA	0	0	
mORF_-_2031838	2031838	2031876	-	5	39	ATG	TGA	0	0	
mORF_-_2031843	2031843	2031863	-	4	21	ATG	TGA	0	0	
mORF_-_2031873	2031873	2031899	-	4	27	ATG	TGA	0	0	
mORF_-_2031909	2031909	2031953	-	4	45	ATG	TAA	0	0	
mORF_-_2031944	2031944	2032030	-	6	87	GTG	TAA	0	0	
mORF_-_2031957	2031957	2031962	-	4	6	ATG	TAA	0	0	
mORF_-_2031970	2031970	2031990	-	5	21	ATG	TAA	0	0	
mORF_-_2031987	2031987	2032073	-	4	87	ATG	TGA	0	0	
mORF_-_2032058	2032058	2032240	-	6	183	ATG	TGA	0	0	
mORF_-_2032114	2032114	2032200	-	5	87	GTG	TAA	0	0	
mORF_-_2032200	2032200	2032259	-	4	60	TTG	TAG	0	0	
mORF_-_2032237	2032237	2032284	-	5	48	TTG	TGA	0	0	
mORF_-_2032281	2032281	2032289	-	4	9	GTG	TGA	0	0	
mORF_-_2032299	2032299	2032343	-	4	45	TTG	TGA	0	0	
mORF_-_2032310	2032310	2032447	-	6	138	ATG	TAA	0	0	
mORF_-_2032378	2032378	2032587	-	5	210	TTG	TAA	0	0	

mORF_-_2032482	2032482	2032505	-	4	24	ATG	TAG	0	0	
mORF_-_2032517	2032517	2032735	-	6	219	ATG	TAG	0	0	
mORF_-_2032533	2032533	2032544	-	4	12	TTG	TAG	0	0	
mORF_-_2032590	2032590	2032664	-	4	75	TTG	TGA	0	0	
mORF_-_2032717	2032717	2032845	-	5	129	TTG	TAA	0	0	
mORF_-_2032760	2032760	2032960	-	6	201	TTG	TGA	0	0	
mORF_-_2032776	2032776	2032793	-	4	18	ATG	TAA	0	0	
mORF_-_2032876	2032876	2032941	-	5	66	TTG	TAG	0	0	
mORF_-_2032944	2032944	2033033	-	4	90	TTG	TGA	0	0	
mORF_-_2032991	2032991	2033020	-	6	30	ATG	TGA	0	0	
mORF_-_2033035	2033035	2033085	-	5	51	GTG	TAG	0	0	
mORF_-_2033049	2033049	2033066	-	4	18	ATG	TAA	0	0	
mORF_-_2033063	2033063	2033074	-	6	12	TTG	TGA	0	0	
mORF_-_2033087	2033087	2033095	-	6	9	TTG	TAA	0	0	
mORF_-_2033135	2033135	2033158	-	6	24	GTG	TAG	0	0	
mORF_-_2033168	2033168	2033191	-	6	24	TTG	TAA	0	0	
mORF_-_2033176	2033176	2033214	-	5	39	TTG	TGA	0	0	
mORF_-_2033204	2033204	2033221	-	6	18	ATG	TAG	0	0	
mORF_-_2033264	2033264	2033329	-	6	66	ATG	TAG	0	0	
mORF_-_2033268	2033268	2033525	-	4	258	TTG	TGA	0	0	
mORF_-_2033345	2033345	2033392	-	6	48	ATG	TAA	0	0	
mORF_-_2033356	2033356	2033376	-	5	21	GTG	TGA	0	0	
mORF_-_2033407	2033407	2033427	-	5	21	GTG	TAA	0	0	
mORF_-_2033450	2033450	2033461	-	6	12	GTG	TGA	0	0	
mORF_-_2033476	2033476	2033712	-	5	237	GTG	TAA	1	3	pORF_-_2033476
mORF_-_2033483	2033483	2033536	-	6	54	ATG	TAA	0	0	
mORF_-_2033553	2033553	2033660	-	4	108	GTG	TAG	0	0	
mORF_-_2033579	2033579	2033590	-	6	12	TTG	TGA	0	0	
mORF_-_2033706	2033706	2033729	-	4	24	ATG	TGA	0	0	
mORF_-_2033729	2033729	2033734	-	6	6	ATG	TAA	0	0	
mORF_-_2033737	2033737	2033775	-	5	39	TTG	TAA	0	0	
mORF_-_2033772	2033772	2033816	-	4	45	TTG	TGA	0	0	
mORF_-_2033831	2033831	2033857	-	6	27	GTG	TAG	0	0	
mORF_-_2033835	2033835	2033870	-	4	36	TTG	TAG	0	0	
mORF_-_2033857	2033857	2033913	-	5	57	ATG	TAG	0	0	
mORF_-_2033922	2033922	2034323	-	4	402	ATG	TGA	0	0	
mORF_-_2033935	2033935	2033985	-	5	51	TTG	TAA	0	0	
mORF_-_2034107	2034107	2034280	-	6	174	TTG	TGA	0	0	
mORF_-_2034181	2034181	2034213	-	5	33	ATG	TAG	0	0	
mORF_-_2034277	2034277	2034330	-	5	54	GTG	TGA	0	0	
mORF_-_2034320	2034320	2034385	-	6	66	TTG	TGA	0	0	
mORF_-_2034331	2034331	2034381	-	5	51	TTG	TAA	0	0	
mORF_-_2034369	2034369	2034614	-	4	246	ATG	TAA	0	0	
mORF_-_2034400	2034400	2034483	-	5	84	ATG	TAA	0	0	
mORF_-_2034467	2034467	2034502	-	6	36	TTG	TAA	0	0	
mORF_-_2034533	2034533	2034634	-	6	102	GTG	TGA	0	0	
mORF_-_2034631	2034631	2034744	-	5	114	TTG	TGA	0	0	
mORF_-_2034707	2034707	2034787	-	6	81	GTG	TAA	0	0	
mORF_-_2034790	2034790	2034903	-	5	114	TTG	TAA	0	0	
mORF_-_2034818	2034818	2036176	-	6	1359	ATG	TAA	0	0	
mORF_-_2034937	2034937	2035050	-	5	114	TTG	TAG	0	0	
mORF_-_2034954	2034954	2034968	-	4	15	TTG	TAA	0	0	
mORF_-_2035060	2035060	2035209	-	5	150	TTG	TAA	0	0	
mORF_-_2035140	2035140	2035166	-	4	27	GTG	TAA	0	0	
mORF_-_2035173	2035173	2035181	-	4	9	TTG	TAA	0	0	
mORF_-_2035261	2035261	2035293	-	5	33	TTG	TGA	0	0	
mORF_-_2035312	2035312	2035461	-	5	150	TTG	TAA	0	0	
mORF_-_2035468	2035468	2035479	-	5	12	TTG	TAA	0	0	
mORF_-_2035489	2035489	2035497	-	5	9	ATG	TAG	0	0	
mORF_-_2035510	2035510	2035524	-	5	15	TTG	TGA	0	0	
mORF_-_2035531	2035531	2035560	-	5	30	TTG	TAA	0	0	
mORF_-_2035578	2035578	2035685	-	4	108	TTG	TAA	0	0	
mORF_-_2035597	2035597	2035605	-	5	9	GTG	TAA	0	0	

mORF_-_2035651	2035651	2035680	-	5	30	TTG	TAA	0	0
mORF_-_2035687	2035687	2035716	-	5	30	TTG	TAA	0	0
mORF_-_2035759	2035759	2035800	-	5	42	ATG	TAA	0	0
mORF_-_2035801	2035801	2035857	-	5	57	GTG	TAG	0	0
mORF_-_2035873	2035873	2035929	-	5	57	ATG	TAA	0	0
mORF_-_2035936	2035936	2035956	-	5	21	ATG	TGA	0	0
mORF_-_2035996	2035996	2036007	-	5	12	TTG	TAA	0	0
mORF_-_2036008	2036008	2036055	-	5	48	ATG	TAA	0	0
mORF_-_2036052	2036052	2036063	-	4	12	ATG	TGA	0	0
mORF_-_2036065	2036065	2036118	-	5	54	TTG	TGA	0	0
mORF_-_2036176	2036176	2036958	-	5	783	ATG	TAA	0	0
mORF_-_2036190	2036190	2036225	-	4	36	TTG	TAG	0	0
mORF_-_2036226	2036226	2036333	-	4	108	TTG	TAA	0	0
mORF_-_2036303	2036303	2036320	-	6	18	TTG	TGA	0	0
mORF_-_2036324	2036324	2036380	-	6	57	TTG	TGA	0	0
mORF_-_2036430	2036430	2036435	-	4	6	GTG	TGA	0	0
mORF_-_2036550	2036550	2036597	-	4	48	ATG	TAA	0	0
mORF_-_2036594	2036594	2036623	-	6	30	TTG	TGA	0	0
mORF_-_2036649	2036649	2036675	-	4	27	ATG	TAA	0	0
mORF_-_2036706	2036706	2036720	-	4	15	ATG	TGA	0	0
mORF_-_2036724	2036724	2036774	-	4	51	ATG	TGA	0	0
mORF_-_2036753	2036753	2036806	-	6	54	ATG	TGA	0	0
mORF_-_2036799	2036799	2036831	-	4	33	TTG	TAA	0	0
mORF_-_2036828	2036828	2036863	-	6	36	ATG	TGA	0	0
mORF_-_2036844	2036844	2036870	-	4	27	ATG	TGA	0	0
mORF_-_2036895	2036895	2036900	-	4	6	TTG	TAA	0	0
mORF_-_2036922	2036922	2036951	-	4	30	TTG	TAA	0	0
mORF_-_2036948	2036948	2037028	-	6	81	ATG	TGA	0	0
mORF_-_2036955	2036955	2036981	-	4	27	ATG	TGA	0	0
mORF_-_2036959	2036959	2036964	-	5	6	ATG	TGA	0	0
mORF_-_2036991	2036991	2037170	-	4	180	TTG	TAA	0	0
mORF_-_2037028	2037028	2037090	-	5	63	TTG	TAA	0	0
mORF_-_2037041	2037041	2037052	-	6	12	GTG	TAA	0	0
mORF_-_2037151	2037151	2037342	-	5	192	ATG	TAA	0	0
mORF_-_2037191	2037191	2037220	-	6	30	TTG	TAA	0	0
mORF_-_2037258	2037258	2037266	-	4	9	TTG	TAG	0	0
mORF_-_2037352	2037352	2037363	-	5	12	TTG	TAA	0	0
mORF_-_2037356	2037356	2037376	-	6	21	TTG	TAA	0	0
mORF_-_2037373	2037373	2037516	-	5	144	TTG	TGA	0	0
mORF_-_2037390	2037390	2037485	-	4	96	TTG	TAA	0	0
mORF_-_2037513	2037513	2037593	-	4	81	ATG	TGA	0	0
mORF_-_2037557	2037557	2037586	-	6	30	GTG	TAA	0	0
mORF_-_2037577	2037577	2037885	-	5	309	ATG	TAA	0	0
mORF_-_2037593	2037593	2037607	-	6	15	GTG	TGA	0	0
mORF_-_2037618	2037618	2037704	-	4	87	TTG	TGA	0	0
mORF_-_2037698	2037698	2037733	-	6	36	GTG	TGA	0	0
mORF_-_2037806	2037806	2037841	-	6	36	GTG	TAG	0	0
mORF_-_2037848	2037848	2037871	-	6	24	ATG	TGA	0	0
mORF_-_2037892	2037892	2038146	-	5	255	ATG	TAA	0	0
mORF_-_2037924	2037924	2038019	-	4	96	TTG	TAA	0	0
mORF_-_2038010	2038010	2038054	-	6	45	GTG	TAG	0	0
mORF_-_2038085	2038085	2038141	-	6	57	TTG	TAA	0	0
mORF_-_2038110	2038110	2038154	-	4	45	GTG	TAA	0	0
mORF_-_2038151	2038151	2038195	-	6	45	GTG	TGA	0	0
mORF_-_2038173	2038173	2038298	-	4	126	GTG	TAA	0	0
mORF_-_2038186	2038186	2038362	-	5	177	GTG	TAA	0	0
mORF_-_2038268	2038268	2038294	-	6	27	TTG	TAA	0	0
mORF_-_2038332	2038332	2038340	-	4	9	TTG	TAA	0	0
mORF_-_2038343	2038343	2038375	-	6	33	GTG	TAA	0	0
mORF_-_2038359	2038359	2038409	-	4	51	ATG	TGA	0	0
mORF_-_2038391	2038391	2038432	-	6	42	TTG	TAA	0	0
mORF_-_2038435	2038435	2038641	-	5	207	ATG	TAG	0	0
mORF_-_2038442	2038442	2038534	-	6	93	ATG	TAA	0	0

mORF_-_2038503	2038503	2038598	-	4	96	TTG	TAG	0	0
mORF_-_2038635	2038635	2038691	-	4	57	GTG	TGA	0	0
mORF_-_2038643	2038643	2038660	-	6	18	GTG	TAA	0	0
mORF_-_2038688	2038688	2038795	-	6	108	ATG	TGA	0	0
mORF_-_2038704	2038704	2038733	-	4	30	GTG	TAG	0	0
mORF_-_2038750	2038750	2038779	-	5	30	ATG	TAA	0	0
mORF_-_2038854	2038854	2038940	-	4	87	TTG	TAA	0	0
mORF_-_2038904	2038904	2038993	-	6	90	TTG	TGA	0	0
mORF_-_2038909	2038909	2038998	-	5	90	ATG	TGA	0	0
mORF_-_2038998	2038998	2039039	-	4	42	ATG	TAA	0	0
mORF_-_2039018	2039018	2039026	-	6	9	GTG	TAA	0	0
mORF_-_2039040	2039040	2039114	-	4	75	TTG	TAG	0	0
mORF_-_2039107	2039107	2039124	-	5	18	GTG	TAA	0	0
mORF_-_2039121	2039121	2039129	-	4	9	TTG	TGA	0	0
mORF_-_2039131	2039131	2039148	-	5	18	ATG	TAA	0	0
mORF_-_2039145	2039145	2039207	-	4	63	ATG	TGA	0	0
mORF_-_2039197	2039197	2039220	-	5	24	ATG	TAG	0	0
mORF_-_2039225	2039225	2039251	-	6	27	TTG	TAA	0	0
mORF_-_2039248	2039248	2039259	-	5	12	TTG	TGA	0	0
mORF_-_2039266	2039266	2039337	-	5	72	ATG	TAA	0	0
mORF_-_2039271	2039271	2039279	-	4	9	TTG	TAA	0	0
mORF_-_2039342	2039342	2039362	-	6	21	ATG	TAG	0	0
mORF_-_2039349	2039349	2039378	-	4	30	ATG	TAA	0	0
mORF_-_2039362	2039362	2039367	-	5	6	GTG	TAA	0	0
mORF_-_2039413	2039413	2039418	-	5	6	TTG	TAA	0	0
mORF_-_2039432	2039432	2039479	-	6	48	GTG	TAA	0	0
mORF_-_2039448	2039448	2039483	-	4	36	GTG	TAA	0	0
mORF_-_2039476	2039476	2039544	-	5	69	TTG	TGA	0	0
mORF_-_2039480	2039480	2039485	-	6	6	GTG	TGA	0	0
mORF_-_2039495	2039495	2039587	-	6	93	TTG	TAA	0	0
mORF_-_2039593	2039593	2039616	-	5	24	TTG	TAA	0	0
mORF_-_2039600	2039600	2039752	-	6	153	ATG	TAA	0	0
mORF_-_2039658	2039658	2039666	-	4	9	ATG	TAG	0	0
mORF_-_2039676	2039676	2039771	-	4	96	ATG	TAA	0	0
mORF_-_2039689	2039689	2039694	-	5	6	TTG	TGA	0	0
mORF_-_2039698	2039698	2039739	-	5	42	ATG	TAA	0	0
mORF_-_2039785	2039785	2039808	-	5	24	GTG	TAA	0	0
mORF_-_2039809	2039809	2039823	-	5	15	TTG	TAG	0	0
mORF_-_2039836	2039836	2039868	-	5	33	TTG	TAA	0	0
mORF_-_2039840	2039840	2039899	-	6	60	ATG	TAA	0	0
mORF_-_2039889	2039889	2039921	-	4	33	ATG	TAA	0	0
mORF_-_2039918	2039918	2039932	-	6	15	GTG	TGA	0	0
mORF_-_2039929	2039929	2039934	-	5	6	ATG	TGA	0	0
mORF_-_2039937	2039937	2040059	-	4	123	ATG	TAA	0	0
mORF_-_2039951	2039951	2039959	-	6	9	TTG	TGA	0	0
mORF_-_2039966	2039966	2040046	-	6	81	ATG	TAA	0	0
mORF_-_2040080	2040080	2040256	-	6	177	GTG	TAA	0	0
mORF_-_2040091	2040091	2040117	-	5	27	TTG	TGA	0	0
mORF_-_2040175	2040175	2040222	-	5	48	GTG	TAA	0	0
mORF_-_2040198	2040198	2040311	-	4	114	TTG	TAA	0	0
mORF_-_2040253	2040253	2040261	-	5	9	ATG	TGA	0	0
mORF_-_2040278	2040278	2040283	-	6	6	TTG	TAA	0	0
mORF_-_2040293	2040293	2040325	-	6	33	GTG	TGA	0	0
mORF_-_2040316	2040316	2040327	-	5	12	ATG	TAA	0	0
mORF_-_2040343	2040343	2040378	-	5	36	GTG	TAA	0	0
mORF_-_2040384	2040384	2040452	-	4	69	TTG	TAG	0	0
mORF_-_2040404	2040404	2040415	-	6	12	TTG	TGA	0	0
mORF_-_2040422	2040422	2040529	-	6	108	ATG	TAA	0	0
mORF_-_2040489	2040489	2040569	-	4	81	GTG	TAG	0	0
mORF_-_2040529	2040529	2040534	-	5	6	TTG	TAA	0	0
mORF_-_2040566	2040566	2040631	-	6	66	TTG	TGA	0	0
mORF_-_2040589	2040589	2040660	-	5	72	ATG	TAA	0	0
mORF_-_2040603	2040603	2040620	-	4	18	GTG	TAG	0	0

mORF_-_2040647	2040647	2040805	-	6	159	GTG	TAG	0	0
mORF_-_2040657	2040657	2040683	-	4	27	GTG	TGA	0	0
mORF_-_2040712	2040712	2040747	-	5	36	TTG	TAA	0	0
mORF_-_2040762	2040762	2040770	-	4	9	TTG	TAA	0	0
mORF_-_2040780	2040780	2040860	-	4	81	GTG	TAA	0	0
mORF_-_2040833	2040833	2040871	-	6	39	GTG	TAA	0	0
mORF_-_2040871	2040871	2040876	-	5	6	ATG	TAG	0	0
mORF_-_2040877	2040877	2040918	-	5	42	TTG	TGA	0	0
mORF_-_2040933	2040933	2041061	-	4	129	TTG	TAA	0	0
mORF_-_2040959	2040959	2040970	-	6	12	ATG	TGA	0	0
mORF_-_2040967	2040967	2040990	-	5	24	GTG	TGA	0	0
mORF_-_2040977	2040977	2041045	-	6	69	TTG	TAA	0	0
mORF_-_2041095	2041095	2041115	-	4	21	TTG	TAA	0	0
mORF_-_2041102	2041102	2041212	-	5	111	TTG	TAA	0	0
mORF_-_2041209	2041209	2041361	-	4	153	ATG	TGA	0	0
mORF_-_2041228	2041228	2041371	-	5	144	TTG	TAG	0	0
mORF_-_2041368	2041368	2041385	-	4	18	GTG	TGA	0	0
mORF_-_2041412	2041412	2041651	-	6	240	TTG	TAG	0	0
mORF_-_2041420	2041420	2041458	-	5	39	TTG	TGA	0	0
mORF_-_2041480	2041480	2041641	-	5	162	TTG	TGA	0	0
mORF_-_2041584	2041584	2041598	-	4	15	ATG	TGA	0	0
mORF_-_2041620	2041620	2041670	-	4	51	TTG	TAA	0	0
mORF_-_2041648	2041648	2041701	-	5	54	TTG	TGA	0	0
mORF_-_2041679	2041679	2041741	-	6	63	GTG	TAA	0	0
mORF_-_2041705	2041705	2041716	-	5	12	TTG	TGA	0	0
mORF_-_2041713	2041713	2041796	-	4	84	GTG	TGA	0	0
mORF_-_2041756	2041756	2041782	-	5	27	TTG	TAA	0	0
mORF_-_2041793	2041793	2041963	-	6	171	ATG	TGA	0	0
mORF_-_2041813	2041813	2041821	-	5	9	TTG	TAA	0	0
mORF_-_2041909	2041909	2041938	-	5	30	ATG	TAA	0	0
mORF_-_2041945	2041945	2042013	-	5	69	TTG	TAA	0	0
mORF_-_2042026	2042026	2042217	-	5	192	ATG	TGA	0	0
mORF_-_2042127	2042127	2042141	-	4	15	GTG	TGA	0	0
mORF_-_2042174	2042174	2042224	-	6	51	TTG	TAA	0	0
mORF_-_2042214	2042214	2042234	-	4	21	ATG	TGA	0	0
mORF_-_2042235	2042235	2042276	-	4	42	ATG	TGA	0	0
mORF_-_2042336	2042336	2042374	-	6	39	ATG	TAA	0	0
mORF_-_2042371	2042371	2042469	-	5	99	ATG	TGA	0	0
mORF_-_2042432	2042432	2042479	-	6	48	TTG	TAG	0	0
mORF_-_2042489	2042489	2042536	-	6	48	TTG	TAA	0	0
mORF_-_2042544	2042544	2042567	-	4	24	GTG	TAG	0	0
mORF_-_2042564	2042564	2042569	-	6	6	GTG	TGA	0	0
mORF_-_2042584	2042584	2042649	-	5	66	TTG	TGA	0	0
mORF_-_2042669	2042669	2042731	-	6	63	ATG	TAA	0	0
mORF_-_2042689	2042689	2042700	-	5	12	ATG	TAA	0	0
mORF_-_2042750	2042750	2042881	-	6	132	TTG	TAA	0	0
mORF_-_2042818	2042818	2042850	-	5	33	TTG	TGA	0	0
mORF_-_2042841	2042841	2042846	-	4	6	GTG	TGA	0	0
mORF_-_2042871	2042871	2042963	-	4	93	ATG	TAA	0	0
mORF_-_2042900	2042900	2042905	-	6	6	ATG	TAA	0	0
mORF_-_2042918	2042918	2042932	-	6	15	ATG	TAG	0	0
mORF_-_2042947	2042947	2043006	-	5	60	TTG	TGA	0	0
mORF_-_2043040	2043040	2043201	-	5	162	TTG	TAA	0	0
mORF_-_2043066	2043066	2043161	-	4	96	TTG	TGA	0	0
mORF_-_2043080	2043080	2043154	-	6	75	TTG	TAG	0	0
mORF_-_2043171	2043171	2043368	-	4	198	TTG	TAG	0	0
mORF_-_2043238	2043238	2043321	-	5	84	TTG	TAA	0	0
mORF_-_2043248	2043248	2043319	-	6	72	GTG	TGA	0	0
mORF_-_2043323	2043323	2043523	-	6	201	TTG	TAA	0	0
mORF_-_2043337	2043337	2043378	-	5	42	TTG	TAA	0	0
mORF_-_2043394	2043394	2043441	-	5	48	TTG	TGA	0	0
mORF_-_2043474	2043474	2043530	-	4	57	GTG	TGA	0	0
mORF_-_2043502	2043502	2043636	-	5	135	ATG	TAA	0	0

mORF_-_2043621	2043621	2043665	-	4	45	TTG	TGA	0	0
mORF_-_2043670	2043670	2043747	-	5	78	GTG	TAA	0	0
mORF_-_2043681	2043681	2043713	-	4	33	TTG	TGA	0	0
mORF_-_2043686	2043686	2043697	-	6	12	ATG	TGA	0	0
mORF_-_2043734	2043734	2043865	-	6	132	GTG	TAA	0	0
mORF_-_2043741	2043741	2043761	-	4	21	ATG	TAA	0	0
mORF_-_2043807	2043807	2043851	-	4	45	TTG	TAG	0	0
mORF_-_2043855	2043855	2043875	-	4	21	TTG	TAA	0	0
mORF_-_2043904	2043904	2044122	-	5	219	TTG	TAG	0	0
mORF_-_2044002	2044002	2044010	-	4	9	ATG	TGA	0	0
mORF_-_2044026	2044026	2044094	-	4	69	GTG	TAG	0	0
mORF_-_2044112	2044112	2044366	-	6	255	GTG	TAA	0	0
mORF_-_2044194	2044194	2044328	-	4	135	TTG	TAA	0	0
mORF_-_2044318	2044318	2044323	-	5	6	TTG	TAG	0	0
mORF_-_2044344	2044344	2044394	-	4	51	GTG	TAG	0	0
mORF_-_2044391	2044391	2044396	-	6	6	TTG	TGA	0	0
mORF_-_2044428	2044428	2044526	-	4	99	ATG	TAA	0	0
mORF_-_2044493	2044493	2044543	-	6	51	GTG	TGA	0	0
mORF_-_2044536	2044536	2044619	-	4	84	GTG	TGA	0	0
mORF_-_2044544	2044544	2044621	-	6	78	GTG	TAG	0	0
mORF_-_2044576	2044576	2044608	-	5	33	ATG	TAA	0	0
mORF_-_2044609	2044609	2044686	-	5	78	GTG	TGA	0	0
mORF_-_2044695	2044695	2044706	-	4	12	GTG	TGA	0	0
mORF_-_2044703	2044703	2044795	-	6	93	GTG	TGA	0	0
mORF_-_2044740	2044740	2044844	-	4	105	ATG	TAG	0	0
mORF_-_2044841	2044841	2044876	-	6	36	TTG	TGA	0	0
mORF_-_2044855	2044855	2044869	-	5	15	GTG	TGA	0	0
mORF_-_2044873	2044873	2044977	-	5	105	TTG	TGA	0	0
mORF_-_2044896	2044896	2045021	-	4	126	GTG	TAA	0	0
mORF_-_2045073	2045073	2045279	-	4	207	TTG	TAG	0	0
mORF_-_2045107	2045107	2045136	-	5	30	ATG	TAA	0	0
mORF_-_2045150	2045150	2045233	-	6	84	TTG	TGA	0	0
mORF_-_2045188	2045188	2045286	-	5	99	ATG	TAA	0	0
mORF_-_2045246	2045246	2045275	-	6	30	TTG	TGA	0	0
mORF_-_2045283	2045283	2045333	-	4	51	TTG	TGA	0	0
mORF_-_2045291	2045291	2045320	-	6	30	TTG	TGA	0	0
mORF_-_2045305	2045305	2045442	-	5	138	TTG	TAA	0	0
mORF_-_2045327	2045327	2045347	-	6	21	TTG	TGA	0	0
mORF_-_2045334	2045334	2045666	-	4	333	GTG	TGA	0	0
mORF_-_2045537	2045537	2045566	-	6	30	TTG	TGA	0	0
mORF_-_2045611	2045611	2045766	-	5	156	TTG	TGA	0	0
mORF_-_2045763	2045763	2046122	-	4	360	ATG	TGA	0	0
mORF_-_2045797	2045797	2045832	-	5	36	TTG	TGA	0	0
mORF_-_2045813	2045813	2045872	-	6	60	GTG	TGA	0	0
mORF_-_2045888	2045888	2045917	-	6	30	TTG	TGA	0	0
mORF_-_2045930	2045930	2045974	-	6	45	TTG	TAA	0	0
mORF_-_2045995	2045995	2046321	-	5	327	ATG	TAA	0	0
mORF_-_2046041	2046041	2046106	-	6	66	ATG	TGA	0	0
mORF_-_2046119	2046119	2046157	-	6	39	TTG	TGA	0	0
mORF_-_2046177	2046177	2046266	-	4	90	GTG	TGA	0	0
mORF_-_2046206	2046206	2046232	-	6	27	TTG	TGA	0	0
mORF_-_2046267	2046267	2046389	-	4	123	TTG	TGA	0	0
mORF_-_2046326	2046326	2046421	-	6	96	TTG	TAA	0	0
mORF_-_2046399	2046399	2046434	-	4	36	GTG	TGA	0	0
mORF_-_2046431	2046431	2046469	-	6	39	TTG	TGA	0	0
mORF_-_2046473	2046473	2046517	-	6	45	ATG	TAA	0	0
mORF_-_2046480	2046480	2046839	-	4	360	TTG	TGA	0	0
mORF_-_2046626	2046626	2046637	-	6	12	GTG	TAA	0	0
mORF_-_2046634	2046634	2046873	-	5	240	TTG	TGA	0	0
mORF_-_2046677	2046677	2046700	-	6	24	TTG	TAA	0	0
mORF_-_2046870	2046870	2046908	-	4	39	GTG	TGA	0	0
mORF_-_2046909	2046909	2047040	-	4	132	GTG	TAA	0	0
mORF_-_2046992	2046992	2047003	-	6	12	TTG	TAA	0	0

mORF_-_2047000	2047000	2047035	-	5	36	ATG	TGA	0	0
mORF_-_2047025	2047025	2047033	-	6	9	GTG	TAG	0	0
mORF_-_2047037	2047037	2047084	-	6	48	TTG	TGA	0	0
mORF_-_2047113	2047113	2047217	-	4	105	TTG	TAA	0	0
mORF_-_2047148	2047148	2047162	-	6	15	TTG	TGA	0	0
mORF_-_2047156	2047156	2047299	-	5	144	TTG	TGA	0	0
mORF_-_2047199	2047199	2047228	-	6	30	TTG	TAG	0	0
mORF_-_2047238	2047238	2047270	-	6	33	TTG	TAG	0	0
mORF_-_2047308	2047308	2047538	-	4	231	GTG	TAG	0	0
mORF_-_2047385	2047385	2047450	-	6	66	ATG	TGA	0	0
mORF_-_2047393	2047393	2047566	-	5	174	ATG	TAG	0	0
mORF_-_2047535	2047535	2047552	-	6	18	TTG	TGA	0	0
mORF_-_2047563	2047563	2047871	-	4	309	GTG	TGA	0	0
mORF_-_2047571	2047571	2047579	-	6	9	ATG	TAA	0	0
mORF_-_2047679	2047679	2047759	-	6	81	ATG	TAG	0	0
mORF_-_2047760	2047760	2047786	-	6	27	TTG	TGA	0	0
mORF_-_2047765	2047765	2047803	-	5	39	TTG	TAG	0	0
mORF_-_2047844	2047844	2047861	-	6	18	TTG	TAA	0	0
mORF_-_2047872	2047872	2047898	-	4	27	TTG	TAG	0	0
mORF_-_2047899	2047899	2048210	-	4	312	ATG	TAA	0	0
mORF_-_2047907	2047907	2047984	-	6	78	ATG	TGA	0	0
mORF_-_2047991	2047991	2048023	-	6	33	TTG	TGA	0	0
mORF_-_2048087	2048087	2048149	-	6	63	TTG	TGA	0	0
mORF_-_2048218	2048218	2048388	-	5	171	TTG	TAA	0	0
mORF_-_2048255	2048255	2048296	-	6	42	GTG	TAA	0	0
mORF_-_2048316	2048316	2048339	-	4	24	TTG	TGA	0	0
mORF_-_2048321	2048321	2048365	-	6	45	ATG	TAA	0	0
mORF_-_2048352	2048352	2048549	-	4	198	GTG	TGA	0	0
mORF_-_2048366	2048366	2048380	-	6	15	ATG	TGA	0	0
mORF_-_2048441	2048441	2048506	-	6	66	GTG	TGA	0	0
mORF_-_2048503	2048503	2048517	-	5	15	TTG	TGA	0	0
mORF_-_2048525	2048525	2048545	-	6	21	GTG	TAG	0	0
mORF_-_2048574	2048574	2048627	-	4	54	GTG	TAG	0	0
mORF_-_2048591	2048591	2048620	-	6	30	TTG	TAG	0	0
mORF_-_2048640	2048640	2048651	-	4	12	TTG	TGA	0	0
mORF_-_2048702	2048702	2048806	-	6	105	TTG	TAG	0	0
mORF_-_2048710	2048710	2048778	-	5	69	ATG	TGA	0	0
mORF_-_2048715	2048715	2048984	-	4	270	GTG	TGA	0	0
mORF_-_2048816	2048816	2048830	-	6	15	TTG	TGA	0	0
mORF_-_2048827	2048827	2048841	-	5	15	ATG	TGA	0	0
mORF_-_2048852	2048852	2048866	-	6	15	ATG	TAA	0	0
mORF_-_2048870	2048870	2048911	-	6	42	TTG	TAG	0	0
mORF_-_2048948	2048948	2049034	-	6	87	TTG	TGA	0	0
mORF_-_2048995	2048995	2049099	-	5	105	TTG	TAA	0	0
mORF_-_2049012	2049012	2049161	-	4	150	TTG	TGA	0	0
mORF_-_2049152	2049152	2049172	-	6	21	GTG	TAA	0	0
mORF_-_2049183	2049183	2049242	-	4	60	TTG	TAG	0	0
mORF_-_2049202	2049202	2049219	-	5	18	GTG	TAA	0	0
mORF_-_2049226	2049226	2049270	-	5	45	TTG	TGA	0	0
mORF_-_2049299	2049299	2049307	-	6	9	TTG	TAA	0	0
mORF_-_2049312	2049312	2049329	-	4	18	TTG	TAA	0	0
mORF_-_2049319	2049319	2049432	-	5	114	TTG	TAG	0	0
mORF_-_2049336	2049336	2049347	-	4	12	GTG	TAA	0	0
mORF_-_2049350	2049350	2049427	-	6	78	TTG	TAA	0	0
mORF_-_2049405	2049405	2049524	-	4	120	GTG	TGA	0	0
mORF_-_2049476	2049476	2049499	-	6	24	TTG	TGA	0	0
mORF_-_2049500	2049500	2049505	-	6	6	ATG	TAG	0	0
mORF_-_2049521	2049521	2049595	-	6	75	TTG	TGA	0	0
mORF_-_2049537	2049537	2049554	-	4	18	TTG	TGA	0	0
mORF_-_2049582	2049582	2049659	-	4	78	TTG	TAA	0	0
mORF_-_2049623	2049623	2049640	-	6	18	ATG	TAG	0	0
mORF_-_2049671	2049671	2049685	-	6	15	TTG	TAA	0	0
mORF_-_2049702	2049702	2049794	-	4	93	TTG	TAG	0	0

mORF_-_2049755	2049755	2049928	-	6	174	ATG	TGA	0	0	
mORF_-_2049798	2049798	2049803	-	4	6	GTG	TAG	0	0	
mORF_-_2049819	2049819	2049848	-	4	30	ATG	TAG	0	0	
mORF_-_2049823	2049823	2049831	-	5	9	GTG	TAA	0	0	
mORF_-_2049853	2049853	2049909	-	5	57	TTG	TGA	0	0	
mORF_-_2049885	2049885	2049890	-	4	6	GTG	TAA	0	0	
mORF_-_2049929	2049929	2050021	-	6	93	ATG	TAG	0	0	
mORF_-_2049943	2049943	2050080	-	5	138	GTG	TGA	0	0	
mORF_-_2050087	2050087	2050266	-	5	180	ATG	TAA	0	0	
mORF_-_2050098	2050098	2050121	-	4	24	GTG	TAG	0	0	
mORF_-_2050205	2050205	2050303	-	6	99	ATG	TAG	0	0	
mORF_-_2050239	2050239	2050259	-	4	21	GTG	TGA	0	0	
mORF_-_2050263	2050263	2050319	-	4	57	GTG	TGA	0	0	
mORF_-_2050300	2050300	2050626	-	5	327	GTG	TGA	0	0	
mORF_-_2050323	2050323	2050343	-	4	21	ATG	TAA	0	0	
mORF_-_2050350	2050350	2050460	-	4	111	GTG	TAA	0	0	
mORF_-_2050358	2050358	2050411	-	6	54	ATG	TGA	0	0	
mORF_-_2050491	2050491	2050508	-	4	18	ATG	TAA	0	0	
mORF_-_2050512	2050512	2050565	-	4	54	ATG	TAA	0	0	
mORF_-_2050568	2050568	2050576	-	6	9	TTG	TAA	0	0	
mORF_-_2050581	2050581	2050616	-	4	36	ATG	TAG	0	0	
mORF_-_2050626	2050626	2050646	-	4	21	GTG	TAG	0	0	
mORF_-_2050648	2050648	2051352	-	5	705	ATG	TAA	0	0	
mORF_-_2050662	2050662	2050676	-	4	15	TTG	TAA	0	0	
mORF_-_2050713	2050713	2050727	-	4	15	TTG	TAG	0	0	
mORF_-_2050737	2050737	2050781	-	4	45	GTG	TAG	0	0	
mORF_-_2050782	2050782	2050829	-	4	48	GTG	TAA	0	0	
mORF_-_2050826	2050826	2050915	-	6	90	TTG	TGA	0	0	
mORF_-_2050923	2050923	2050934	-	4	12	TTG	TAA	0	0	
mORF_-_2050983	2050983	2051009	-	4	27	TTG	TGA	0	0	
mORF_-_2051006	2051006	2051014	-	6	9	TTG	TGA	0	0	
mORF_-_2051109	2051109	2051138	-	4	30	ATG	TAA	0	0	
mORF_-_2051166	2051166	2051171	-	4	6	TTG	TAA	0	0	
mORF_-_2051172	2051172	2051324	-	4	153	TTG	TAA	0	0	
mORF_-_2051369	2051369	2051386	-	6	18	TTG	TAG	0	0	
mORF_-_2051376	2051376	2051405	-	4	30	ATG	TAA	0	0	
mORF_-_2051405	2051405	2051446	-	6	42	ATG	TGA	0	0	
mORF_-_2051471	2051471	2051509	-	6	39	ATG	TAA	0	0	
mORF_-_2051478	2051478	2051555	-	4	78	ATG	TAA	0	0	
mORF_-_2051536	2051536	2051586	-	5	51	ATG	TAG	0	0	
mORF_-_2051583	2051583	2051612	-	4	30	TTG	TGA	0	0	
mORF_-_2051596	2051596	2051655	-	5	60	TTG	TAA	0	0	
mORF_-_2051633	2051633	2051689	-	6	57	GTG	TAG	0	0	
mORF_-_2051781	2051781	2051924	-	4	144	GTG	TAA	0	0	
mORF_-_2051786	2051786	2051914	-	6	129	ATG	TAG	0	0	
mORF_-_2051794	2051794	2051805	-	5	12	GTG	TGA	0	0	
mORF_-_2051812	2051812	2051865	-	5	54	ATG	TAA	0	0	
mORF_-_2051911	2051911	2052039	-	5	129	GTG	TGA	0	0	
mORF_-_2051921	2051921	2052067	-	6	147	ATG	TGA	0	0	
mORF_-_2052012	2052012	2052167	-	4	156	TTG	TGA	0	0	
mORF_-_2052040	2052040	2052213	-	5	174	ATG	TAG	0	0	
mORF_-_2052173	2052173	2052322	-	6	150	ATG	TAG	0	0	
mORF_-_2052246	2052246	2052362	-	4	117	TTG	TAA	0	0	
mORF_-_2052277	2052277	2052303	-	5	27	ATG	TAA	0	0	
mORF_-_2052359	2052359	2052469	-	6	111	ATG	TGA	0	0	
mORF_-_2052402	2052402	2052410	-	4	9	ATG	TAA	0	0	
mORF_-_2052472	2052472	2052486	-	5	15	GTG	TAA	0	0	
mORF_-_2052487	2052487	2052498	-	5	12	TTG	TAA	0	0	
mORF_-_2052532	2052532	2052573	-	5	42	TTG	TAA	0	0	
mORF_-_2052620	2052620	2052742	-	6	123	ATG	TAA	0	0	
mORF_-_2052625	2052625	2052657	-	5	33	ATG	TGA	0	0	
mORF_-_2052636	2052636	2053001	-	4	366	ATG	TAA	1	2	pORF_-_2052636
mORF_-_2052667	2052667	2052684	-	5	18	GTG	TAA	0	0	

mORF_-_2052688	2052688	2052726	-	5	39	TTG	TAG	0	0	
mORF_-_2052821	2052821	2052880	-	6	60	GTG	TGA	0	0	
mORF_-_2052850	2052850	2052855	-	5	6	GTG	TAA	0	0	
mORF_-_2052859	2052859	2052873	-	5	15	GTG	TAA	0	0	
mORF_-_2052877	2052877	2052945	-	5	69	TTG	TGA	0	0	
mORF_-_2052881	2052881	2052913	-	6	33	ATG	TAA	0	0	
mORF_-_2052998	2052998	2053153	-	6	156	TTG	TGA	0	0	
mORF_-_2053014	2053014	2053166	-	4	153	ATG	TAA	0	0	
mORF_-_2053027	2053027	2053032	-	5	6	ATG	TGA	0	0	
mORF_-_2053045	2053045	2053086	-	5	42	ATG	TAG	0	0	
mORF_-_2053117	2053117	2053185	-	5	69	TTG	TGA	0	0	
mORF_-_2053186	2053186	2053227	-	5	42	TTG	TAG	0	0	
mORF_-_2053191	2053191	2053304	-	4	114	ATG	TAA	0	0	
mORF_-_2053205	2053205	2053231	-	6	27	TTG	TAA	0	0	
mORF_-_2053243	2053243	2053293	-	5	51	TTG	TAG	0	0	
mORF_-_2053250	2053250	2053417	-	6	168	ATG	TGA	0	0	
mORF_-_2053330	2053330	2053341	-	5	12	GTG	TAG	0	0	
mORF_-_2053421	2053421	2053441	-	6	21	ATG	TGA	0	0	
mORF_-_2053456	2053456	2053464	-	5	9	ATG	TAA	0	0	
mORF_-_2053461	2053461	2053637	-	4	177	GTG	TGA	0	0	
mORF_-_2053508	2053508	2053576	-	6	69	ATG	TAA	0	0	
mORF_-_2053516	2053516	2053569	-	5	54	ATG	TAG	0	0	
mORF_-_2053595	2053595	2053876	-	6	282	ATG	TAG	0	0	
mORF_-_2053675	2053675	2053698	-	5	24	TTG	TGA	0	0	
mORF_-_2053692	2053692	2053706	-	4	15	GTG	TAA	0	0	
mORF_-_2053699	2053699	2053704	-	5	6	GTG	TAG	0	0	
mORF_-_2053765	2053765	2053833	-	5	69	ATG	TAG	0	0	
mORF_-_2053800	2053800	2053871	-	4	72	ATG	TGA	0	0	
mORF_-_2053894	2053894	2053947	-	5	54	ATG	TGA	0	0	
mORF_-_2053902	2053902	2053934	-	4	33	TTG	TAA	0	0	
mORF_-_2053931	2053931	2053957	-	6	27	ATG	TGA	0	0	
mORF_-_2053938	2053938	2054048	-	4	111	GTG	TAG	0	0	
mORF_-_2053967	2053967	2053999	-	6	33	GTG	TAG	0	0	
mORF_-_2054009	2054009	2054050	-	6	42	GTG	TAA	0	0	
mORF_-_2054020	2054020	2054028	-	5	9	ATG	TGA	0	0	
mORF_-_2054053	2054053	2054115	-	5	63	ATG	TAA	0	0	
mORF_-_2054057	2054057	2054128	-	6	72	TTG	TAA	0	0	
mORF_-_2054137	2054137	2054217	-	5	81	GTG	TAA	0	0	
mORF_-_2054181	2054181	2054258	-	4	78	GTG	TGA	0	0	
mORF_-_2054242	2054242	2054310	-	5	69	ATG	TAA	0	0	
mORF_-_2054265	2054265	2054351	-	4	87	GTG	TAA	0	0	
mORF_-_2054270	2054270	2054320	-	6	51	TTG	TAA	0	0	
mORF_-_2054363	2054363	2054497	-	6	135	ATG	TGA	0	0	
mORF_-_2054416	2054416	2054673	-	5	258	GTG	TAA	1	6	pORF_-_2054416
mORF_-_2054559	2054559	2054609	-	4	51	TTG	TGA	0	0	
mORF_-_2054652	2054652	2054705	-	4	54	TTG	TAA	0	0	
mORF_-_2054660	2054660	2054698	-	6	39	TTG	TAA	0	0	
mORF_-_2054695	2054695	2054727	-	5	33	TTG	TGA	0	0	
mORF_-_2054804	2054804	2054830	-	6	27	GTG	TAA	0	0	
mORF_-_2054824	2054824	2054832	-	5	9	ATG	TAA	0	0	
mORF_-_2054834	2054834	2054989	-	6	156	TTG	TAA	0	0	
mORF_-_2054842	2054842	2054901	-	5	60	TTG	TAA	0	0	
mORF_-_2054922	2054922	2054936	-	4	15	TTG	TAG	0	0	
mORF_-_2054940	2054940	2054954	-	4	15	TTG	TAG	0	0	
mORF_-_2054971	2054971	2055096	-	5	126	TTG	TAG	0	0	
mORF_-_2054982	2054982	2055017	-	4	36	ATG	TAG	0	0	
mORF_-_2055020	2055020	2055067	-	6	48	GTG	TAA	0	0	
mORF_-_2055030	2055030	2055062	-	4	33	TTG	TAA	0	0	
mORF_-_2055069	2055069	2055083	-	4	15	TTG	TAA	0	0	
mORF_-_2055130	2055130	2055240	-	5	111	TTG	TAA	0	0	
mORF_-_2055147	2055147	2055158	-	4	12	TTG	TAG	0	0	
mORF_-_2055162	2055162	2055185	-	4	24	TTG	TAA	0	0	
mORF_-_2055182	2055182	2055319	-	6	138	ATG	TGA	0	0	

mORF_-_2055204	2055204	2055218	-	4	15	TTG	TAG	0	0	
mORF_-_2055265	2055265	2055384	-	5	120	ATG	TAG	0	0	
mORF_-_2055332	2055332	2055415	-	6	84	ATG	TAA	0	0	
mORF_-_2055412	2055412	2055450	-	5	39	GTG	TGA	0	0	
mORF_-_2055447	2055447	2055590	-	4	144	TTG	TGA	0	0	
mORF_-_2055470	2055470	2055487	-	6	18	TTG	TAA	0	0	
mORF_-_2055515	2055515	2055580	-	6	66	ATG	TAA	0	0	
mORF_-_2055599	2055599	2055646	-	6	48	ATG	TAA	0	0	
mORF_-_2055643	2055643	2055939	-	5	297	GTG	TGA	0	0	
mORF_-_2055672	2055672	2055683	-	4	12	ATG	TGA	0	0	
mORF_-_2055689	2055689	2055955	-	6	267	TTG	TAA	0	0	
mORF_-_2055750	2055750	2055770	-	4	21	TTG	TAA	0	0	
mORF_-_2055771	2055771	2055815	-	4	45	ATG	TAA	0	0	
mORF_-_2055930	2055930	2055968	-	4	39	GTG	TAA	0	0	
mORF_-_2055973	2055973	2055978	-	5	6	TTG	TAA	0	0	
mORF_-_2056001	2056001	2056027	-	6	27	ATG	TAA	0	0	
mORF_-_2056008	2056008	2056040	-	4	33	TTG	TAA	0	0	
mORF_-_2056024	2056024	2056083	-	5	60	ATG	TGA	0	0	
mORF_-_2056117	2056117	2056218	-	5	102	ATG	TAG	0	0	
mORF_-_2056148	2056148	2056165	-	6	18	GTG	TAA	0	0	
mORF_-_2056184	2056184	2056402	-	6	219	ATG	TAA	0	0	
mORF_-_2056227	2056227	2057870	-	4	1644	TTG	TAA	0	0	
mORF_-_2056252	2056252	2056449	-	5	198	GTG	TGA	0	0	
mORF_-_2056409	2056409	2056414	-	6	6	TTG	TAG	0	0	
mORF_-_2056433	2056433	2056531	-	6	99	ATG	TGA	0	0	
mORF_-_2056477	2056477	2056539	-	5	63	TTG	TAA	0	0	
mORF_-_2056547	2056547	2056606	-	6	60	TTG	TGA	0	0	
mORF_-_2056634	2056634	2056663	-	6	30	ATG	TAA	0	0	
mORF_-_2056697	2056697	2056825	-	6	129	TTG	TAG	0	0	
mORF_-_2056838	2056838	2056891	-	6	54	TTG	TAA	0	0	
mORF_-_2056955	2056955	2057008	-	6	54	TTG	TAA	0	0	
mORF_-_2056966	2056966	2056989	-	5	24	GTG	TAA	0	0	
mORF_-_2057024	2057024	2057047	-	6	24	TTG	TAA	0	0	
mORF_-_2057129	2057129	2057179	-	6	51	TTG	TGA	0	0	
mORF_-_2057231	2057231	2057329	-	6	99	TTG	TGA	0	0	
mORF_-_2057342	2057342	2057497	-	6	156	ATG	TGA	0	0	
mORF_-_2057540	2057540	2057581	-	6	42	TTG	TGA	0	0	
mORF_-_2057588	2057588	2057653	-	6	66	TTG	TAA	0	0	
mORF_-_2057626	2057626	2057712	-	5	87	GTG	TAA	0	0	
mORF_-_2057690	2057690	2057764	-	6	75	TTG	TAA	0	0	
mORF_-_2057734	2057734	2057784	-	5	51	TTG	TGA	0	0	
mORF_-_2057886	2057886	2057951	-	4	66	TTG	TGA	0	0	
mORF_-_2057939	2057939	2058016	-	6	78	GTG	TGA	0	0	
mORF_-_2057988	2057988	2058938	-	4	951	GTG	TAG	2	2	pORF_-_2057988
mORF_-_2058026	2058026	2058091	-	6	66	ATG	TGA	0	0	
mORF_-_2058064	2058064	2058069	-	5	6	TTG	TAA	0	0	
mORF_-_2058116	2058116	2058145	-	6	30	TTG	TGA	0	0	
mORF_-_2058170	2058170	2058211	-	6	42	TTG	TAA	0	0	
mORF_-_2058212	2058212	2058271	-	6	60	GTG	TAG	0	0	
mORF_-_2058272	2058272	2058319	-	6	48	TTG	TAA	0	0	
mORF_-_2058316	2058316	2058366	-	5	51	GTG	TGA	0	0	
mORF_-_2058404	2058404	2058478	-	6	75	ATG	TGA	0	0	
mORF_-_2058433	2058433	2058453	-	5	21	GTG	TAG	0	0	
mORF_-_2058482	2058482	2058538	-	6	57	TTG	TGA	0	0	
mORF_-_2058560	2058560	2058715	-	6	156	ATG	TAA	0	0	
mORF_-_2058716	2058716	2058733	-	6	18	TTG	TGA	0	0	
mORF_-_2058761	2058761	2058874	-	6	114	TTG	TGA	0	0	
mORF_-_2058811	2058811	2058999	-	5	189	TTG	TGA	0	0	
mORF_-_2058974	2058974	2059039	-	6	66	GTG	TAA	0	0	
mORF_-_2058981	2058981	2059058	-	4	78	GTG	TAG	0	0	
mORF_-_2059018	2059018	2059026	-	5	9	ATG	TAA	0	0	
mORF_-_2059040	2059040	2059987	-	6	948	TTG	TAA	0	0	
mORF_-_2059083	2059083	2059220	-	4	138	ATG	TAG	0	0	

mORF_-_2059171	2059171	2059206	-	5	36	ATG	TGA	0	0	
mORF_-_2059207	2059207	2059380	-	5	174	GTG	TAA	0	0	
mORF_-_2059396	2059396	2059413	-	5	18	ATG	TGA	0	0	
mORF_-_2059414	2059414	2059422	-	5	9	TTG	TGA	0	0	
mORF_-_2059419	2059419	2059439	-	4	21	TTG	TGA	0	0	
mORF_-_2059471	2059471	2059515	-	5	45	ATG	TGA	0	0	
mORF_-_2059546	2059546	2059758	-	5	213	ATG	TGA	0	0	
mORF_-_2059731	2059731	2059736	-	4	6	GTG	TGA	0	0	
mORF_-_2059828	2059828	2059851	-	5	24	TTG	TAA	0	0	
mORF_-_2059903	2059903	2059914	-	5	12	TTG	TGA	0	0	
mORF_-_2059908	2059908	2059997	-	4	90	ATG	TAG	0	0	
mORF_-_2059918	2059918	2059923	-	5	6	TTG	TAG	0	0	
mORF_-_2059997	2059997	2060062	-	6	66	TTG	TAA	0	0	
mORF_-_2060001	2060001	2060006	-	4	6	TTG	TAA	0	0	
mORF_-_2060055	2060055	2060069	-	4	15	TTG	TAG	0	0	
mORF_-_2060078	2060078	2060095	-	6	18	ATG	TAA	0	0	
mORF_-_2060104	2060104	2060214	-	5	111	TTG	TAA	0	0	
mORF_-_2060108	2060108	2060233	-	6	126	GTG	TGA	0	0	
mORF_-_2060130	2060130	2060153	-	4	24	GTG	TAG	0	0	
mORF_-_2060184	2060184	2060249	-	4	66	ATG	TGA	0	0	
mORF_-_2060230	2060230	2060259	-	5	30	ATG	TGA	0	0	
mORF_-_2060243	2060243	2060278	-	6	36	GTG	TGA	0	0	
mORF_-_2060275	2060275	2060280	-	5	6	GTG	TGA	0	0	
mORF_-_2060295	2060295	2060366	-	4	72	TTG	TGA	0	0	
mORF_-_2060380	2060380	2060409	-	5	30	TTG	TAG	0	0	
mORF_-_2060399	2060399	2060482	-	6	84	ATG	TAG	0	0	
mORF_-_2060415	2060415	2061350	-	4	936	ATG	TAA	19	471	pORF_-_2060415
mORF_-_2060492	2060492	2060500	-	6	9	TTG	TAA	0	0	
mORF_-_2060537	2060537	2060623	-	6	87	ATG	TAA	0	0	
mORF_-_2060642	2060642	2060713	-	6	72	ATG	TAA	0	0	
mORF_-_2060738	2060738	2060932	-	6	195	TTG	TAA	0	0	
mORF_-_2060939	2060939	2061055	-	6	117	TTG	TGA	0	0	
mORF_-_2061083	2061083	2061133	-	6	51	ATG	TGA	0	0	
mORF_-_2061164	2061164	2061190	-	6	27	TTG	TAA	0	0	
mORF_-_2061281	2061281	2061319	-	6	39	TTG	TAA	0	0	
mORF_-_2061292	2061292	2061327	-	5	36	TTG	TAG	0	0	
mORF_-_2061335	2061335	2061340	-	6	6	GTG	TAA	0	0	
mORF_-_2061412	2061412	2062491	-	5	1080	ATG	TAA	5	13	pORF_-_2061412
mORF_-_2061420	2061420	2061542	-	4	123	GTG	TGA	0	0	
mORF_-_2061594	2061594	2061734	-	4	141	GTG	TAG	0	0	
mORF_-_2061750	2061750	2061800	-	4	51	ATG	TAG	0	0	
mORF_-_2061819	2061819	2061893	-	4	75	TTG	TGA	0	0	
mORF_-_2061930	2061930	2061971	-	4	42	GTG	TAG	0	0	
mORF_-_2061968	2061968	2062021	-	6	54	ATG	TGA	0	0	
mORF_-_2061972	2061972	2061992	-	4	21	GTG	TAG	0	0	
mORF_-_2062059	2062059	2062154	-	4	96	TTG	TGA	0	0	
mORF_-_2062155	2062155	2062211	-	4	57	GTG	TAA	0	0	
mORF_-_2062166	2062166	2062195	-	6	30	GTG	TAA	0	0	
mORF_-_2062223	2062223	2062294	-	6	72	GTG	TGA	0	0	
mORF_-_2062239	2062239	2062334	-	4	96	ATG	TGA	0	0	
mORF_-_2062335	2062335	2062430	-	4	96	GTG	TGA	0	0	
mORF_-_2062467	2062467	2062496	-	4	30	GTG	TGA	0	0	
mORF_-_2062493	2062493	2062537	-	6	45	TTG	TGA	0	0	
mORF_-_2062503	2062503	2063282	-	4	780	ATG	TAA	0	0	
mORF_-_2062625	2062625	2062675	-	6	51	TTG	TGA	0	0	
mORF_-_2062685	2062685	2062762	-	6	78	ATG	TAG	0	0	
mORF_-_2062717	2062717	2062812	-	5	96	ATG	TGA	0	0	
mORF_-_2062778	2062778	2062846	-	6	69	GTG	TGA	0	0	
mORF_-_2062862	2062862	2062891	-	6	30	TTG	TAA	0	0	
mORF_-_2062919	2062919	2062984	-	6	66	GTG	TAG	0	0	
mORF_-_2063024	2063024	2063128	-	6	105	TTG	TGA	0	0	
mORF_-_2063044	2063044	2063076	-	5	33	ATG	TAG	0	0	
mORF_-_2063104	2063104	2063232	-	5	129	TTG	TAG	0	0	

mORF_-_2063243	2063243	2063788	-	6	546	ATG	TGA	0	0	
mORF_-_2063254	2063254	2063289	-	5	36	ATG	TAA	0	0	
mORF_-_2063314	2063314	2063367	-	5	54	TTG	TAA	0	0	
mORF_-_2063385	2063385	2063414	-	4	30	TTG	TAA	0	0	
mORF_-_2063392	2063392	2063430	-	5	39	TTG	TAG	0	0	
mORF_-_2063431	2063431	2063514	-	5	84	TTG	TGA	0	0	
mORF_-_2063451	2063451	2063483	-	4	33	ATG	TAA	0	0	
mORF_-_2063523	2063523	2063546	-	4	24	ATG	TAA	0	0	
mORF_-_2063527	2063527	2063583	-	5	57	ATG	TGA	0	0	
mORF_-_2063587	2063587	2063598	-	5	12	TTG	TAA	0	0	
mORF_-_2063656	2063656	2063727	-	5	72	TTG	TAG	0	0	
mORF_-_2063785	2063785	2063862	-	5	78	TTG	TGA	0	0	
mORF_-_2063820	2063820	2063867	-	4	48	ATG	TGA	0	0	
mORF_-_2063897	2063897	2063917	-	6	21	TTG	TAA	0	0	
mORF_-_2063914	2063914	2063979	-	5	66	TTG	TGA	0	0	
mORF_-_2063940	2063940	2064062	-	4	123	TTG	TAA	0	0	
mORF_-_2063966	2063966	2064022	-	6	57	ATG	TAA	0	0	
mORF_-_2063986	2063986	2064015	-	5	30	GTG	TGA	0	0	
mORF_-_2064041	2064041	2064070	-	6	30	ATG	TAG	0	0	
mORF_-_2064089	2064089	2064142	-	6	54	TTG	TAG	0	0	
mORF_-_2064153	2064153	2064179	-	4	27	GTG	TAA	0	0	
mORF_-_2064179	2064179	2064229	-	6	51	ATG	TAG	0	0	
mORF_-_2064226	2064226	2064234	-	5	9	ATG	TGA	0	0	
mORF_-_2064231	2064231	2064242	-	4	12	ATG	TGA	0	0	
mORF_-_2064284	2064284	2064307	-	6	24	ATG	TAG	0	0	
mORF_-_2064288	2064288	2064347	-	4	60	GTG	TAA	0	0	
mORF_-_2064329	2064329	2065345	-	6	1017	ATG	TAA	46	158	pORF_-_2064329
mORF_-_2064589	2064589	2064708	-	5	120	ATG	TGA	0	0	
mORF_-_2064705	2064705	2064794	-	4	90	GTG	TGA	0	0	
mORF_-_2064742	2064742	2064768	-	5	27	TTG	TGA	0	0	
mORF_-_2064778	2064778	2064882	-	5	105	ATG	TGA	0	0	
mORF_-_2064991	2064991	2065089	-	5	99	ATG	TGA	0	0	
mORF_-_2065020	2065020	2065106	-	4	87	TTG	TAG	0	0	
mORF_-_2065093	2065093	2065281	-	5	189	GTG	TGA	0	0	
mORF_-_2065161	2065161	2065211	-	4	51	ATG	TAA	0	0	
mORF_-_2065306	2065306	2065353	-	5	48	ATG	TGA	0	0	
mORF_-_2065350	2065350	2065391	-	4	42	TTG	TGA	0	0	
mORF_-_2065355	2065355	2065372	-	6	18	GTG	TGA	0	0	
mORF_-_2065378	2065378	2065461	-	5	84	GTG	TAG	0	0	
mORF_-_2065416	2065416	2065424	-	4	9	ATG	TGA	0	0	
mORF_-_2065452	2065452	2065616	-	4	165	ATG	TAA	0	0	
mORF_-_2065469	2065469	2065528	-	6	60	TTG	TAA	0	0	
mORF_-_2065544	2065544	2065549	-	6	6	GTG	TGA	0	0	
mORF_-_2065550	2065550	2065558	-	6	9	TTG	TGA	0	0	
mORF_-_2065565	2065565	2065591	-	6	27	ATG	TGA	0	0	
mORF_-_2065585	2065585	2065620	-	5	36	TTG	TGA	0	0	
mORF_-_2065655	2065655	2065762	-	6	108	TTG	TAG	0	0	
mORF_-_2065699	2065699	2065710	-	5	12	ATG	TAG	0	0	
mORF_-_2065747	2065747	2065752	-	5	6	ATG	TGA	0	0	
mORF_-_2065770	2065770	2065838	-	4	69	GTG	TAA	0	0	
mORF_-_2065784	2065784	2065888	-	6	105	ATG	TGA	0	0	
mORF_-_2065831	2065831	2065866	-	5	36	TTG	TGA	0	0	
mORF_-_2065845	2065845	2065853	-	4	9	ATG	TAG	0	0	
mORF_-_2065888	2065888	2065953	-	5	66	ATG	TAA	0	0	
mORF_-_2065905	2065905	2065928	-	4	24	GTG	TAA	0	0	
mORF_-_2065950	2065950	2066036	-	4	87	TTG	TGA	0	0	
mORF_-_2065958	2065958	2065978	-	6	21	ATG	TAG	0	0	
mORF_-_2065978	2065978	2066016	-	5	39	ATG	TGA	0	0	
mORF_-_2066009	2066009	2066098	-	6	90	ATG	TAG	0	0	
mORF_-_2066023	2066023	2066061	-	5	39	TTG	TGA	0	0	
mORF_-_2066091	2066091	2066123	-	4	33	GTG	TGA	0	0	
mORF_-_2066095	2066095	2066163	-	5	69	TTG	TGA	0	0	
mORF_-_2066153	2066153	2066242	-	6	90	ATG	TAA	0	0	

mORF_-_2066185	2066185	2066238	-	5	54	ATG	TGA	0	0	
mORF_-_2066258	2066258	2066275	-	6	18	TTG	TAA	0	0	
mORF_-_2066269	2066269	2066331	-	5	63	TTG	TGA	0	0	
mORF_-_2066304	2066304	2066312	-	4	9	ATG	TAA	0	0	
mORF_-_2066325	2066325	2066426	-	4	102	GTG	TGA	0	0	
mORF_-_2066336	2066336	2066404	-	6	69	TTG	TAA	0	0	
mORF_-_2066365	2066365	2066370	-	5	6	TTG	TGA	0	0	
mORF_-_2066429	2066429	2066476	-	6	48	GTG	TAA	0	0	
mORF_-_2066434	2066434	2066523	-	5	90	TTG	TGA	0	0	
mORF_-_2066480	2066480	2066707	-	6	228	ATG	TGA	0	0	
mORF_-_2066556	2066556	2066600	-	4	45	ATG	TAA	0	0	
mORF_-_2066563	2066563	2066577	-	5	15	TTG	TAA	0	0	
mORF_-_2066581	2066581	2066631	-	5	51	ATG	TAA	0	0	
mORF_-_2066685	2066685	2066957	-	4	273	ATG	TAA	0	0	
mORF_-_2066729	2066729	2066758	-	6	30	TTG	TAG	0	0	
mORF_-_2066749	2066749	2066991	-	5	243	ATG	TGA	0	0	
mORF_-_2066762	2066762	2066806	-	6	45	TTG	TGA	0	0	
mORF_-_2066840	2066840	2067001	-	6	162	GTG	TAA	0	0	
mORF_-_2066976	2066976	2067881	-	4	906	GTG	TAG	0	0	
mORF_-_2067002	2067002	2067103	-	6	102	TTG	TAA	0	0	
mORF_-_2067010	2067010	2067015	-	5	6	TTG	TAA	0	0	
mORF_-_2067061	2067061	2067075	-	5	15	ATG	TAG	0	0	
mORF_-_2067119	2067119	2067157	-	6	39	GTG	TAA	0	0	
mORF_-_2067185	2067185	2067286	-	6	102	ATG	TAG	0	0	
mORF_-_2067265	2067265	2067279	-	5	15	ATG	TAA	0	0	
mORF_-_2067286	2067286	2067300	-	5	15	GTG	TAA	0	0	
mORF_-_2067293	2067293	2067469	-	6	177	GTG	TGA	0	0	
mORF_-_2067487	2067487	2067498	-	5	12	ATG	TGA	0	0	
mORF_-_2067515	2067515	2067808	-	6	294	GTG	TGA	0	0	
mORF_-_2067637	2067637	2067669	-	5	33	ATG	TGA	0	0	
mORF_-_2067772	2067772	2067849	-	5	78	ATG	TGA	0	0	
mORF_-_2067839	2067839	2068249	-	6	411	GTG	TAA	0	0	
mORF_-_2067874	2067874	2067924	-	5	51	ATG	TAG	0	0	
mORF_-_2067973	2067973	2068005	-	5	33	TTG	TGA	0	0	
mORF_-_2068081	2068081	2068101	-	5	21	TTG	TAG	0	0	
mORF_-_2068114	2068114	2068143	-	5	30	TTG	TGA	0	0	
mORF_-_2068189	2068189	2068200	-	5	12	TTG	TAG	0	0	
mORF_-_2068201	2068201	2068215	-	5	15	TTG	TGA	0	0	
mORF_-_2068246	2068246	2068329	-	5	84	ATG	TGA	0	0	
mORF_-_2068293	2068293	2068307	-	4	15	ATG	TAG	0	0	
mORF_-_2068326	2068326	2068460	-	4	135	TTG	TGA	0	0	
mORF_-_2068369	2068369	2068488	-	5	120	TTG	TAA	0	0	
mORF_-_2068482	2068482	2068661	-	4	180	GTG	TGA	0	0	
mORF_-_2068511	2068511	2068519	-	6	9	GTG	TAG	0	0	
mORF_-_2068516	2068516	2068533	-	5	18	TTG	TGA	0	0	
mORF_-_2068621	2068621	2069022	-	5	402	ATG	TAG	1	5	pORF_-_2068621
mORF_-_2068662	2068662	2068778	-	4	117	ATG	TAA	0	0	
mORF_-_2068727	2068727	2068888	-	6	162	GTG	TAA	0	0	
mORF_-_2068794	2068794	2068829	-	4	36	TTG	TGA	0	0	
mORF_-_2068866	2068866	2069066	-	4	201	GTG	TGA	0	0	
mORF_-_2069082	2069082	2069189	-	4	108	GTG	TGA	0	0	
mORF_-_2069099	2069099	2069326	-	6	228	TTG	TAA	0	0	
mORF_-_2069275	2069275	2069286	-	5	12	GTG	TGA	0	0	
mORF_-_2069295	2069295	2069318	-	4	24	TTG	TAA	0	0	
mORF_-_2069323	2069323	2069346	-	5	24	TTG	TGA	0	0	
mORF_-_2069355	2069355	2069432	-	4	78	ATG	TAA	0	0	
mORF_-_2069383	2069383	2069607	-	5	225	GTG	TAG	0	0	
mORF_-_2069399	2069399	2069452	-	6	54	GTG	TGA	0	0	
mORF_-_2069433	2069433	2069486	-	4	54	GTG	TGA	0	0	
mORF_-_2069496	2069496	2069513	-	4	18	GTG	TAA	0	0	
mORF_-_2069549	2069549	2069680	-	6	132	GTG	TAG	0	0	
mORF_-_2069604	2069604	2069726	-	4	123	ATG	TGA	0	0	
mORF_-_2069696	2069696	2069770	-	6	75	TTG	TGA	0	0	

mORF_-_2069701	2069701	2069868	-	5	168	TTG	TGA	0	0
mORF_-_2069772	2069772	2069909	-	4	138	GTG	TGA	0	0
mORF_-_2069922	2069922	2069957	-	4	36	GTG	TGA	0	0
mORF_-_2069950	2069950	2070627	-	5	678	GTG	TGA	0	0
mORF_-_2069988	2069988	2070260	-	4	273	GTG	TGA	0	0
mORF_-_2070092	2070092	2070112	-	6	21	TTG	TGA	0	0
mORF_-_2070125	2070125	2070205	-	6	81	TTG	TAA	0	0
mORF_-_2070209	2070209	2070304	-	6	96	GTG	TGA	0	0
mORF_-_2070297	2070297	2070425	-	4	129	GTG	TGA	0	0
mORF_-_2070432	2070432	2070704	-	4	273	ATG	TGA	0	0
mORF_-_2070479	2070479	2070502	-	6	24	GTG	TGA	0	0
mORF_-_2070506	2070506	2070523	-	6	18	TTG	TAA	0	0
mORF_-_2070527	2070527	2070553	-	6	27	ATG	TAA	0	0
mORF_-_2070746	2070746	2070775	-	6	30	ATG	TGA	0	0
mORF_-_2070776	2070776	2070829	-	6	54	ATG	TGA	0	0
mORF_-_2070792	2070792	2071154	-	4	363	ATG	TGA	0	0
mORF_-_2070884	2070884	2070904	-	6	21	GTG	TGA	0	0
mORF_-_2070941	2070941	2071000	-	6	60	GTG	TAA	0	0
mORF_-_2071019	2071019	2071060	-	6	42	GTG	TGA	0	0
mORF_-_2071045	2071045	2072109	-	5	1065	GTG	TGA	0	0
mORF_-_2071067	2071067	2071081	-	6	15	GTG	TGA	0	0
mORF_-_2071158	2071158	2071271	-	4	114	GTG	TGA	0	0
mORF_-_2071314	2071314	2071502	-	4	189	TTG	TGA	0	0
mORF_-_2071319	2071319	2071354	-	6	36	TTG	TGA	0	0
mORF_-_2071394	2071394	2071423	-	6	30	GTG	TGA	0	0
mORF_-_2071445	2071445	2071465	-	6	21	TTG	TGA	0	0
mORF_-_2071539	2071539	2071571	-	4	33	GTG	TGA	0	0
mORF_-_2071623	2071623	2071634	-	4	12	TTG	TAG	0	0
mORF_-_2071631	2071631	2071723	-	6	93	TTG	TGA	0	0
mORF_-_2071677	2071677	2071709	-	4	33	ATG	TAA	0	0
mORF_-_2071761	2071761	2071805	-	4	45	ATG	TGA	0	0
mORF_-_2071824	2071824	2071859	-	4	36	GTG	TGA	0	0
mORF_-_2071878	2071878	2072273	-	4	396	TTG	TAG	0	0
mORF_-_2071982	2071982	2072173	-	6	192	GTG	TAA	0	0
mORF_-_2072170	2072170	2072343	-	5	174	GTG	TGA	0	0
mORF_-_2072198	2072198	2072401	-	6	204	TTG	TGA	0	0
mORF_-_2072280	2072280	2072591	-	4	312	GTG	TAA	0	0
mORF_-_2072371	2072371	2072406	-	5	36	GTG	TGA	0	0
mORF_-_2072462	2072462	2072545	-	6	84	GTG	TGA	0	0
mORF_-_2072542	2072542	2072793	-	5	252	GTG	TGA	0	0
mORF_-_2072624	2072624	2072665	-	6	42	GTG	TGA	0	0
mORF_-_2072655	2072655	2072717	-	4	63	ATG	TGA	0	0
mORF_-_2072714	2072714	2072740	-	6	27	TTG	TGA	0	0
mORF_-_2072748	2072748	2072759	-	4	12	ATG	TGA	0	0
mORF_-_2072790	2072790	2072909	-	4	120	ATG	TGA	0	0
mORF_-_2072867	2072867	2072875	-	6	9	ATG	TGA	0	0
mORF_-_2072935	2072935	2073075	-	5	141	GTG	TAA	0	0
mORF_-_2072946	2072946	2073035	-	4	90	ATG	TAG	0	0
mORF_-_2073072	2073072	2073155	-	4	84	ATG	TGA	0	0
mORF_-_2073156	2073156	2073191	-	4	36	TTG	TGA	0	0
mORF_-_2073170	2073170	2073175	-	6	6	GTG	TGA	0	0
mORF_-_2073219	2073219	2073428	-	4	210	TTG	TAA	0	0
mORF_-_2073236	2073236	2073334	-	6	99	ATG	TAA	0	0
mORF_-_2073346	2073346	2073456	-	5	111	TTG	TAG	0	0
mORF_-_2073395	2073395	2073406	-	6	12	GTG	TGA	0	0
mORF_-_2073425	2073425	2073481	-	6	57	GTG	TGA	0	0
mORF_-_2073462	2073462	2073509	-	4	48	ATG	TAA	0	0
mORF_-_2073478	2073478	2073516	-	5	39	TTG	TGA	0	0
mORF_-_2073513	2073513	2073641	-	4	129	GTG	TGA	0	0
mORF_-_2073608	2073608	2073637	-	6	30	ATG	TAA	0	0
mORF_-_2073638	2073638	2073898	-	6	261	GTG	TGA	0	0
mORF_-_2073769	2073769	2074059	-	5	291	ATG	TGA	0	0
mORF_-_2073924	2073924	2073971	-	4	48	ATG	TAA	0	0

mORF_-_2073935	2073935	2073949	-	6	15	TTG	TAA	0	0
mORF_-_2073968	2073968	2074090	-	6	123	GTG	TGA	0	0
mORF_-_2074136	2074136	2074357	-	6	222	ATG	TGA	0	0
mORF_-_2074168	2074168	2074251	-	5	84	TTG	TGA	0	0
mORF_-_2074224	2074224	2074247	-	4	24	ATG	TAA	0	0
mORF_-_2074269	2074269	2074766	-	4	498	ATG	TGA	0	0
mORF_-_2074391	2074391	2074498	-	6	108	TTG	TGA	0	0
mORF_-_2074411	2074411	2074431	-	5	21	GTG	TGA	0	0
mORF_-_2074505	2074505	2074624	-	6	120	TTG	TGA	0	0
mORF_-_2074576	2074576	2074620	-	5	45	GTG	TAA	0	0
mORF_-_2074625	2074625	2074741	-	6	117	TTG	TGA	0	0
mORF_-_2074642	2074642	2074647	-	5	6	GTG	TGA	0	0
mORF_-_2074669	2074669	2074692	-	5	24	GTG	TGA	0	0
mORF_-_2074775	2074775	2074936	-	6	162	GTG	TAA	0	0
mORF_-_2074783	2074783	2074809	-	5	27	GTG	TGA	0	0
mORF_-_2074794	2074794	2074799	-	4	6	GTG	TGA	0	0
mORF_-_2074825	2074825	2074869	-	5	45	ATG	TGA	0	0
mORF_-_2074851	2074851	2074895	-	4	45	ATG	TGA	0	0
mORF_-_2074876	2074876	2075094	-	5	219	GTG	TGA	0	0
mORF_-_2075094	2075094	2075105	-	4	12	ATG	TAA	0	0
mORF_-_2075108	2075108	2075176	-	6	69	TTG	TAA	0	0
mORF_-_2075131	2075131	2075232	-	5	102	GTG	TAA	0	0
mORF_-_2075139	2075139	2075399	-	4	261	ATG	TGA	0	0
mORF_-_2075177	2075177	2075209	-	6	33	GTG	TGA	0	0
mORF_-_2075261	2075261	2075368	-	6	108	GTG	TAA	0	0
mORF_-_2075393	2075393	2075434	-	6	42	TTG	TGA	0	0
mORF_-_2075404	2075404	2075418	-	5	15	TTG	TGA	0	0
mORF_-_2075446	2075446	2075547	-	5	102	GTG	TGA	0	0
mORF_-_2075525	2075525	2075560	-	6	36	ATG	TAA	0	0
mORF_-_2075541	2075541	2075552	-	4	12	GTG	TGA	0	0
mORF_-_2075563	2075563	2075574	-	5	12	ATG	TAA	0	0
mORF_-_2075588	2075588	2075602	-	6	15	ATG	TGA	0	0
mORF_-_2075611	2075611	2075748	-	5	138	ATG	TAA	0	0
mORF_-_2075691	2075691	2075762	-	4	72	ATG	TAA	0	0
mORF_-_2075699	2075699	2075767	-	6	69	GTG	TGA	0	0
mORF_-_2075850	2075850	2075915	-	4	66	TTG	TGA	0	0
mORF_-_2075854	2075854	2075973	-	5	120	GTG	TAA	0	0
mORF_-_2075916	2075916	2076017	-	4	102	GTG	TAA	0	0
mORF_-_2075936	2075936	2076049	-	6	114	GTG	TAA	0	0
mORF_-_2076058	2076058	2076087	-	5	30	GTG	TAA	0	0
mORF_-_2076084	2076084	2076146	-	4	63	GTG	TGA	0	0
mORF_-_2076112	2076112	2076207	-	5	96	GTG	TAA	0	0
mORF_-_2076143	2076143	2076295	-	6	153	TTG	TGA	0	0
mORF_-_2076189	2076189	2076272	-	4	84	GTG	TAA	0	0
mORF_-_2076220	2076220	2076231	-	5	12	TTG	TAA	0	0
mORF_-_2076244	2076244	2076291	-	5	48	GTG	TAA	0	0
mORF_-_2076288	2076288	2076344	-	4	57	ATG	TGA	0	0
mORF_-_2076341	2076341	2076394	-	6	54	ATG	TGA	0	0
mORF_-_2076345	2076345	2076401	-	4	57	TTG	TAA	0	0
mORF_-_2076412	2076412	2076465	-	5	54	ATG	TAA	0	0
mORF_-_2076452	2076452	2076553	-	6	102	TTG	TAA	0	0
mORF_-_2076459	2076459	2076476	-	4	18	TTG	TAA	0	0
mORF_-_2076550	2076550	2076561	-	5	12	GTG	TGA	0	0
mORF_-_2076577	2076577	2076600	-	5	24	ATG	TAA	0	0
mORF_-_2076590	2076590	2076619	-	6	30	GTG	TAA	0	0
mORF_-_2076613	2076613	2076633	-	5	21	ATG	TGA	0	0
mORF_-_2076686	2076686	2076718	-	6	33	TTG	TGA	0	0
mORF_-_2076746	2076746	2076781	-	6	36	GTG	TAA	0	0
mORF_-_2076763	2076763	2076774	-	5	12	ATG	TAA	0	0
mORF_-_2076778	2076778	2076903	-	5	126	TTG	TGA	0	0
mORF_-_2076812	2076812	2076829	-	6	18	TTG	TAA	0	0
mORF_-_2076851	2076851	2076871	-	6	21	GTG	TAA	0	0
mORF_-_2076878	2076878	2077033	-	6	156	TTG	TAA	0	0

mORF_-_2076909	2076909	2077040	-	4	132	ATG	TAA	0	0	
mORF_-_2076952	2076952	2076996	-	5	45	GTG	TAA	0	0	
mORF_-_2077056	2077056	2077451	-	4	396	ATG	TAA	51	2073	pORF_-_2077056
mORF_-_2077094	2077094	2077177	-	6	84	GTG	TGA	0	0	
mORF_-_2077181	2077181	2077213	-	6	33	TTG	TGA	0	0	
mORF_-_2077241	2077241	2077345	-	6	105	TTG	TGA	0	0	
mORF_-_2077324	2077324	2077428	-	5	105	TTG	TAA	0	0	
mORF_-_2077432	2077432	2077476	-	5	45	TTG	TAG	0	0	
mORF_-_2077451	2077451	2077501	-	6	51	ATG	TAA	0	0	
mORF_-_2077482	2077482	2077535	-	4	54	TTG	TAA	0	0	
mORF_-_2077507	2077507	2077578	-	5	72	TTG	TAA	0	0	
mORF_-_2077557	2077557	2078615	-	4	1059	GTG	TAA	0	0	
mORF_-_2077580	2077580	2077600	-	6	21	TTG	TGA	0	0	
mORF_-_2077597	2077597	2077629	-	5	33	GTG	TGA	0	0	
mORF_-_2077622	2077622	2077657	-	6	36	TTG	TGA	0	0	
mORF_-_2077661	2077661	2077708	-	6	48	ATG	TGA	0	0	
mORF_-_2077712	2077712	2077771	-	6	60	TTG	TGA	0	0	
mORF_-_2077793	2077793	2077810	-	6	18	GTG	TGA	0	0	
mORF_-_2077807	2077807	2077890	-	5	84	TTG	TGA	0	0	
mORF_-_2077826	2077826	2077966	-	6	141	TTG	TGA	0	0	
mORF_-_2077967	2077967	2077975	-	6	9	GTG	TGA	0	0	
mORF_-_2077982	2077982	2077990	-	6	9	ATG	TGA	0	0	
mORF_-_2078071	2078071	2078190	-	5	120	ATG	TAA	0	0	
mORF_-_2078171	2078171	2078230	-	6	60	TTG	TGA	0	0	
mORF_-_2078206	2078206	2078316	-	5	111	GTG	TGA	0	0	
mORF_-_2078240	2078240	2078248	-	6	9	TTG	TGA	0	0	
mORF_-_2078369	2078369	2078422	-	6	54	TTG	TAG	0	0	
mORF_-_2078453	2078453	2078587	-	6	135	TTG	TGA	0	0	
mORF_-_2078594	2078594	2078611	-	6	18	GTG	TAA	0	0	
mORF_-_2078602	2078602	2078649	-	5	48	ATG	TAA	0	0	
mORF_-_2078636	2078636	2078656	-	6	21	ATG	TAA	0	0	
mORF_-_2078653	2078653	2078769	-	5	117	TTG	TGA	0	0	
mORF_-_2078684	2078684	2078785	-	6	102	ATG	TAA	0	0	
mORF_-_2078782	2078782	2078877	-	5	96	ATG	TGA	0	0	
mORF_-_2078790	2078790	2078798	-	4	9	GTG	TAA	0	0	
mORF_-_2078813	2078813	2079286	-	6	474	ATG	TAA	6	36	pORF_-_2078813
mORF_-_2078881	2078881	2078979	-	5	99	GTG	TGA	0	0	
mORF_-_2078983	2078983	2078988	-	5	6	GTG	TAG	0	0	
mORF_-_2078992	2078992	2079015	-	5	24	GTG	TAG	0	0	
mORF_-_2079028	2079028	2079045	-	5	18	GTG	TGA	0	0	
mORF_-_2079079	2079079	2079162	-	5	84	TTG	TGA	0	0	
mORF_-_2079117	2079117	2079149	-	4	33	GTG	TGA	0	0	
mORF_-_2079171	2079171	2079182	-	4	12	GTG	TAG	0	0	
mORF_-_2079187	2079187	2079198	-	5	12	TTG	TGA	0	0	
mORF_-_2079195	2079195	2079224	-	4	30	GTG	TGA	0	0	
mORF_-_2079208	2079208	2079249	-	5	42	TTG	TAA	0	0	
mORF_-_2079283	2079283	2079297	-	5	15	ATG	TGA	0	0	
mORF_-_2079309	2079309	2079377	-	4	69	GTG	TAA	0	0	
mORF_-_2079332	2079332	2079430	-	6	99	GTG	TAA	0	0	
mORF_-_2079358	2079358	2079396	-	5	39	TTG	TAA	0	0	
mORF_-_2079405	2079405	2080577	-	4	1173	TTG	TGA	2	0	pORF_-_2079405
mORF_-_2079431	2079431	2079520	-	6	90	TTG	TGA	0	0	
mORF_-_2079527	2079527	2079784	-	6	258	GTG	TAG	0	0	
mORF_-_2079661	2079661	2079744	-	5	84	TTG	TAA	0	0	
mORF_-_2079797	2079797	2079826	-	6	30	ATG	TAA	0	0	
mORF_-_2079827	2079827	2079859	-	6	33	GTG	TAG	0	0	
mORF_-_2079878	2079878	2079892	-	6	15	ATG	TGA	0	0	
mORF_-_2079893	2079893	2080006	-	6	114	GTG	TGA	0	0	
mORF_-_2079901	2079901	2079909	-	5	9	GTG	TAA	0	0	
mORF_-_2080019	2080019	2080108	-	6	90	ATG	TAG	0	0	
mORF_-_2080118	2080118	2080195	-	6	78	TTG	TGA	0	0	
mORF_-_2080156	2080156	2080173	-	5	18	TTG	TGA	0	0	
mORF_-_2080196	2080196	2080204	-	6	9	GTG	TAA	0	0	

mORF_-_2080208	2080208	2080216	-	6	9	GTG	TAA	0	0	
mORF_-_2080250	2080250	2080360	-	6	111	ATG	TGA	0	0	
mORF_-_2080276	2080276	2080290	-	5	15	GTG	TAA	0	0	
mORF_-_2080379	2080379	2080411	-	6	33	ATG	TGA	0	0	
mORF_-_2080448	2080448	2080552	-	6	105	TTG	TGA	0	0	
mORF_-_2080568	2080568	2080681	-	6	114	ATG	TGA	0	0	
mORF_-_2080620	2080620	2080646	-	4	27	TTG	TAA	0	0	
mORF_-_2080657	2080657	2080704	-	5	48	TTG	TAG	0	0	
mORF_-_2080671	2080671	2080730	-	4	60	GTG	TAA	0	0	
mORF_-_2080777	2080777	2080845	-	5	69	GTG	TAG	0	0	
mORF_-_2080805	2080805	2080867	-	6	63	GTG	TAG	0	0	
mORF_-_2080824	2080824	2080907	-	4	84	ATG	TAA	0	0	
mORF_-_2080926	2080926	2080934	-	4	9	TTG	TAA	0	0	
mORF_-_2080972	2080972	2081169	-	5	198	ATG	TAA	0	0	
mORF_-_2080985	2080985	2081002	-	6	18	GTG	TAA	0	0	
mORF_-_2081082	2081082	2081123	-	4	42	ATG	TAG	0	0	
mORF_-_2081111	2081111	2081116	-	6	6	GTG	TGA	0	0	
mORF_-_2081211	2081211	2081348	-	4	138	GTG	TAA	0	0	
mORF_-_2081260	2081260	2081283	-	5	24	ATG	TAG	0	0	
mORF_-_2081284	2081284	2081535	-	5	252	ATG	TAA	0	0	
mORF_-_2081348	2081348	2081386	-	6	39	GTG	TAG	0	0	
mORF_-_2081397	2081397	2081690	-	4	294	TTG	TAA	0	0	
mORF_-_2081405	2081405	2081521	-	6	117	GTG	TAA	0	0	
mORF_-_2081558	2081558	2081638	-	6	81	TTG	TAA	0	0	
mORF_-_2081626	2081626	2081685	-	5	60	ATG	TAA	0	0	
mORF_-_2081722	2081722	2081805	-	5	84	TTG	TAG	0	0	
mORF_-_2081849	2081849	2081875	-	6	27	GTG	TAA	0	0	
mORF_-_2081880	2081880	2082005	-	4	126	TTG	TAA	0	0	
mORF_-_2081894	2081894	2081959	-	6	66	GTG	TGA	0	0	
mORF_-_2081950	2081950	2082138	-	5	189	TTG	TAA	0	0	
mORF_-_2082002	2082002	2082016	-	6	15	GTG	TGA	0	0	
mORF_-_2082006	2082006	2082020	-	4	15	TTG	TAA	0	0	
mORF_-_2082039	2082039	2082086	-	4	48	GTG	TAA	0	0	
mORF_-_2082083	2082083	2082334	-	6	252	GTG	TGA	0	0	
mORF_-_2082105	2082105	2082152	-	4	48	TTG	TAA	0	0	
mORF_-_2082204	2082204	2082374	-	4	171	TTG	TAG	0	0	
mORF_-_2082250	2082250	2082477	-	5	228	ATG	TGA	2	7	pORF_-_2082250
mORF_-_2082347	2082347	2082364	-	6	18	TTG	TGA	0	0	
mORF_-_2082378	2082378	2082386	-	4	9	ATG	TAG	0	0	
mORF_-_2082450	2082450	2082458	-	4	9	ATG	TGA	0	0	
mORF_-_2082480	2082480	2082485	-	4	6	GTG	TAA	0	0	
mORF_-_2082487	2082487	2082546	-	5	60	TTG	TAA	0	0	
mORF_-_2082491	2082491	2083549	-	6	1059	ATG	TAA	0	0	
mORF_-_2082574	2082574	2082591	-	5	18	TTG	TGA	0	0	
mORF_-_2082619	2082619	2082666	-	5	48	GTG	TGA	0	0	
mORF_-_2082633	2082633	2082647	-	4	15	TTG	TAA	0	0	
mORF_-_2082676	2082676	2082687	-	5	12	GTG	TGA	0	0	
mORF_-_2082688	2082688	2082759	-	5	72	TTG	TAG	0	0	
mORF_-_2082814	2082814	2082822	-	5	9	GTG	TGA	0	0	
mORF_-_2082868	2082868	2082897	-	5	30	GTG	TAG	0	0	
mORF_-_2082910	2082910	2082921	-	5	12	TTG	TAG	0	0	
mORF_-_2082922	2082922	2082969	-	5	48	TTG	TGA	0	0	
mORF_-_2082966	2082966	2083091	-	4	126	GTG	TGA	0	0	
mORF_-_2083063	2083063	2083116	-	5	54	TTG	TGA	0	0	
mORF_-_2083128	2083128	2083223	-	4	96	TTG	TGA	0	0	
mORF_-_2083156	2083156	2083170	-	5	15	ATG	TAA	0	0	
mORF_-_2083183	2083183	2083191	-	5	9	GTG	TGA	0	0	
mORF_-_2083231	2083231	2083311	-	5	81	GTG	TGA	0	0	
mORF_-_2083239	2083239	2083331	-	4	93	GTG	TGA	0	0	
mORF_-_2083312	2083312	2083326	-	5	15	TTG	TAG	0	0	
mORF_-_2083372	2083372	2083410	-	5	39	TTG	TAA	0	0	
mORF_-_2083434	2083434	2083520	-	4	87	TTG	TAA	0	0	
mORF_-_2083441	2083441	2083467	-	5	27	GTG	TGA	0	0	

mORF_-_2083471	2083471	2083518	-	5	48	GTG	TGA	0	0	
mORF_-_2083553	2083553	2083612	-	6	60	TTG	TAA	0	0	
mORF_-_2083584	2083584	2083697	-	4	114	ATG	TAA	0	0	
mORF_-_2083630	2083630	2083689	-	5	60	TTG	TAA	0	0	
mORF_-_2083646	2083646	2083666	-	6	21	TTG	TAA	0	0	
mORF_-_2083728	2083728	2085092	-	4	1365	ATG	TAA	4	3	pORF_-_2083728
mORF_-_2083759	2083759	2083782	-	5	24	TTG	TAA	0	0	
mORF_-_2083814	2083814	2083864	-	6	51	TTG	TGA	0	0	
mORF_-_2083846	2083846	2083881	-	5	36	GTG	TAA	0	0	
mORF_-_2083868	2083868	2083879	-	6	12	GTG	TGA	0	0	
mORF_-_2083913	2083913	2083996	-	6	84	TTG	TGA	0	0	
mORF_-_2083999	2083999	2084091	-	5	93	ATG	TAA	0	0	
mORF_-_2084018	2084018	2084059	-	6	42	TTG	TAA	0	0	
mORF_-_2084072	2084072	2084137	-	6	66	GTG	TGA	0	0	
mORF_-_2084162	2084162	2084173	-	6	12	ATG	TAG	0	0	
mORF_-_2084216	2084216	2084335	-	6	120	TTG	TGA	0	0	
mORF_-_2084366	2084366	2084380	-	6	15	GTG	TGA	0	0	
mORF_-_2084387	2084387	2084437	-	6	51	TTG	TGA	0	0	
mORF_-_2084434	2084434	2084457	-	5	24	GTG	TGA	0	0	
mORF_-_2084477	2084477	2084566	-	6	90	TTG	TGA	0	0	
mORF_-_2084653	2084653	2084697	-	5	45	GTG	TAA	0	0	
mORF_-_2084663	2084663	2084725	-	6	63	TTG	TGA	0	0	
mORF_-_2084722	2084722	2084790	-	5	69	TTG	TGA	0	0	
mORF_-_2084885	2084885	2084908	-	6	24	TTG	TGA	0	0	
mORF_-_2084909	2084909	2084977	-	6	69	TTG	TGA	0	0	
mORF_-_2084984	2084984	2085004	-	6	21	TTG	TGA	0	0	
mORF_-_2085014	2085014	2085019	-	6	6	TTG	TAA	0	0	
mORF_-_2085076	2085076	2085138	-	5	63	ATG	TAA	0	0	
mORF_-_2085099	2085099	2085164	-	4	66	TTG	TAA	0	0	
mORF_-_2085186	2085186	2085320	-	4	135	TTG	TAG	0	0	
mORF_-_2085337	2085337	2085405	-	5	69	GTG	TGA	0	0	
mORF_-_2085353	2085353	2086303	-	6	951	ATG	TAA	0	0	
mORF_-_2085412	2085412	2085486	-	5	75	TTG	TAG	0	0	
mORF_-_2085420	2085420	2085431	-	4	12	GTG	TGA	0	0	
mORF_-_2085517	2085517	2085693	-	5	177	TTG	TAA	0	0	
mORF_-_2085745	2085745	2085846	-	5	102	TTG	TAG	0	0	
mORF_-_2085828	2085828	2085881	-	4	54	ATG	TGA	0	0	
mORF_-_2085868	2085868	2085900	-	5	33	ATG	TGA	0	0	
mORF_-_2085919	2085919	2085993	-	5	75	TTG	TGA	0	0	
mORF_-_2085994	2085994	2086020	-	5	27	ATG	TGA	0	0	
mORF_-_2086081	2086081	2086134	-	5	54	TTG	TAG	0	0	
mORF_-_2086146	2086146	2086286	-	4	141	GTG	TAA	0	0	
mORF_-_2086180	2086180	2086224	-	5	45	TTG	TGA	0	0	
mORF_-_2086240	2086240	2086248	-	5	9	ATG	TAG	0	0	
mORF_-_2086258	2086258	2086266	-	5	9	ATG	TGA	0	0	
mORF_-_2086328	2086328	2087152	-	6	825	ATG	TAA	30	297	pORF_-_2086328
mORF_-_2086342	2086342	2086578	-	5	237	ATG	TAA	0	0	
mORF_-_2086383	2086383	2086388	-	4	6	TTG	TAA	0	0	
mORF_-_2086491	2086491	2086517	-	4	27	ATG	TAA	0	0	
mORF_-_2086591	2086591	2086677	-	5	87	TTG	TAG	0	0	
mORF_-_2086735	2086735	2086749	-	5	15	GTG	TAG	0	0	
mORF_-_2086783	2086783	2086806	-	5	24	ATG	TGA	0	0	
mORF_-_2086867	2086867	2086950	-	5	84	ATG	TAG	0	0	
mORF_-_2086954	2086954	2086962	-	5	9	ATG	TGA	0	0	
mORF_-_2086971	2086971	2086982	-	4	12	TTG	TGA	0	0	
mORF_-_2086984	2086984	2087025	-	5	42	GTG	TAG	0	0	
mORF_-_2087026	2087026	2087049	-	5	24	ATG	TGA	0	0	
mORF_-_2087061	2087061	2087171	-	4	111	GTG	TAA	0	0	
mORF_-_2087125	2087125	2087136	-	5	12	TTG	TAG	0	0	
mORF_-_2087192	2087192	2087212	-	6	21	TTG	TAG	0	0	
mORF_-_2087200	2087200	2087253	-	5	54	ATG	TGA	0	0	
mORF_-_2087219	2087219	2087260	-	6	42	TTG	TAG	0	0	
mORF_-_2087235	2087235	2087489	-	4	255	GTG	TGA	0	0	

mORF_-_2087345	2087345	2087422	-	6	78	TTG	TGA	0	0	
mORF_-_2087428	2087428	2087463	-	5	36	ATG	TAA	0	0	
mORF_-_2087470	2087470	2087493	-	5	24	TTG	TGA	0	0	
mORF_-_2087486	2087486	2087764	-	6	279	ATG	TGA	1	2	pORF_-_2087486
mORF_-_2087559	2087559	2087630	-	4	72	TTG	TAA	0	0	
mORF_-_2087620	2087620	2087676	-	5	57	TTG	TGA	0	0	
mORF_-_2087686	2087686	2087742	-	5	57	TTG	TGA	0	0	
mORF_-_2087739	2087739	2087771	-	4	33	TTG	TGA	0	0	
mORF_-_2087789	2087789	2087815	-	6	27	TTG	TAG	0	0	
mORF_-_2087812	2087812	2087913	-	5	102	ATG	TGA	0	0	
mORF_-_2087823	2087823	2087864	-	4	42	ATG	TGA	0	0	
mORF_-_2087868	2087868	2087909	-	4	42	ATG	TAG	0	0	
mORF_-_2087906	2087906	2087932	-	6	27	ATG	TGA	0	0	
mORF_-_2087913	2087913	2088005	-	4	93	ATG	TAA	0	0	
mORF_-_2087980	2087980	2088009	-	5	30	GTG	TAA	0	0	
mORF_-_2087990	2087990	2088061	-	6	72	ATG	TGA	0	0	
mORF_-_2088018	2088018	2088026	-	4	9	GTG	TAA	0	0	
mORF_-_2088067	2088067	2088099	-	5	33	ATG	TAG	0	0	
mORF_-_2088075	2088075	2088128	-	4	54	ATG	TGA	0	0	
mORF_-_2088100	2088100	2088150	-	5	51	GTG	TGA	0	0	
mORF_-_2088188	2088188	2088304	-	6	117	ATG	TGA	0	0	
mORF_-_2088244	2088244	2088279	-	5	36	GTG	TAG	0	0	
mORF_-_2088276	2088276	2088320	-	4	45	GTG	TGA	0	0	
mORF_-_2088317	2088317	2088388	-	6	72	ATG	TGA	0	0	
mORF_-_2088460	2088460	2088489	-	5	30	GTG	TAA	0	0	
mORF_-_2088491	2088491	2088601	-	6	111	GTG	TAG	0	0	
mORF_-_2088496	2088496	2088543	-	5	48	TTG	TAA	0	0	
mORF_-_2088579	2088579	2088614	-	4	36	GTG	TAA	0	0	
mORF_-_2088611	2088611	2088622	-	6	12	TTG	TGA	0	0	
mORF_-_2088626	2088626	2088742	-	6	117	GTG	TAA	0	0	
mORF_-_2088663	2088663	2088839	-	4	177	TTG	TAA	0	0	
mORF_-_2088775	2088775	2088894	-	5	120	TTG	TAA	0	0	
mORF_-_2088803	2088803	2088850	-	6	48	TTG	TGA	0	0	
mORF_-_2088866	2088866	2089171	-	6	306	TTG	TGA	0	0	
mORF_-_2088891	2088891	2089013	-	4	123	GTG	TGA	0	0	
mORF_-_2088901	2088901	2088915	-	5	15	GTG	TGA	0	0	
mORF_-_2088937	2088937	2088969	-	5	33	TTG	TGA	0	0	
mORF_-_2089018	2089018	2089482	-	5	465	GTG	TGA	0	0	
mORF_-_2089128	2089128	2089136	-	4	9	TTG	TAA	0	0	
mORF_-_2089227	2089227	2089256	-	4	30	GTG	TAA	0	0	
mORF_-_2089370	2089370	2089426	-	6	57	TTG	TAG	0	0	
mORF_-_2089479	2089479	2089604	-	4	126	GTG	TGA	0	0	
mORF_-_2089601	2089601	2089906	-	6	306	GTG	TGA	0	0	
mORF_-_2089630	2089630	2089764	-	5	135	GTG	TAA	0	0	
mORF_-_2089665	2089665	2089724	-	4	60	TTG	TAA	0	0	
mORF_-_2089860	2089860	2090024	-	4	165	GTG	TAG	0	0	
mORF_-_2089894	2089894	2090109	-	5	216	ATG	TGA	0	0	
mORF_-_2089928	2089928	2089984	-	6	57	TTG	TAA	0	0	
mORF_-_2090057	2090057	2090101	-	6	45	GTG	TAA	0	0	
mORF_-_2090110	2090110	2090148	-	5	39	GTG	TGA	0	0	
mORF_-_2090145	2090145	2090348	-	4	204	GTG	TGA	0	0	
mORF_-_2090180	2090180	2090221	-	6	42	GTG	TGA	0	0	
mORF_-_2090200	2090200	2090217	-	5	18	TTG	TAA	0	0	
mORF_-_2090239	2090239	2090379	-	5	141	TTG	TAA	0	0	
mORF_-_2090333	2090333	2090419	-	6	87	TTG	TGA	0	0	
mORF_-_2090409	2090409	2090468	-	4	60	TTG	TAA	0	0	
mORF_-_2090446	2090446	2090823	-	5	378	TTG	TAA	0	0	
mORF_-_2090481	2090481	2090543	-	4	63	GTG	TGA	0	0	
mORF_-_2090565	2090565	2090579	-	4	15	TTG	TGA	0	0	
mORF_-_2090619	2090619	2090729	-	4	111	ATG	TAA	0	0	
mORF_-_2090660	2090660	2090746	-	6	87	TTG	TGA	0	0	
mORF_-_2090733	2090733	2090849	-	4	117	TTG	TAG	0	0	
mORF_-_2090830	2090830	2090904	-	5	75	TTG	TAA	0	0	

mORF_-_2090871	2090871	2090930	-	4	60	GTG	TAA	0	0
mORF_-_2090909	2090909	2091004	-	6	96	ATG	TGA	0	0
mORF_-_2090941	2090941	2091036	-	5	96	GTG	TAA	0	0
mORF_-_2090979	2090979	2091122	-	4	144	TTG	TAG	0	0
mORF_-_2091041	2091041	2091055	-	6	15	GTG	TAG	0	0
mORF_-_2091095	2091095	2091106	-	6	12	TTG	TAA	0	0
mORF_-_2091119	2091119	2091199	-	6	81	GTG	TGA	0	0
mORF_-_2091147	2091147	2091314	-	4	168	TTG	TAG	0	0
mORF_-_2091190	2091190	2091234	-	5	45	TTG	TAA	0	0
mORF_-_2091236	2091236	2091268	-	6	33	GTG	TAA	0	0
mORF_-_2091315	2091315	2091320	-	4	6	ATG	TAG	0	0
mORF_-_2091369	2091369	2091377	-	4	9	ATG	TGA	0	0
mORF_-_2091382	2091382	2091402	-	5	21	TTG	TAA	0	0
mORF_-_2091390	2091390	2091899	-	4	510	TTG	TGA	0	0
mORF_-_2091472	2091472	2091486	-	5	15	TTG	TAA	0	0
mORF_-_2091632	2091632	2091652	-	6	21	GTG	TAG	0	0
mORF_-_2091652	2091652	2091687	-	5	36	GTG	TAG	0	0
mORF_-_2091656	2091656	2091733	-	6	78	GTG	TGA	0	0
mORF_-_2091866	2091866	2091895	-	6	30	ATG	TAA	0	0
mORF_-_2091896	2091896	2091919	-	6	24	ATG	TGA	0	0
mORF_-_2091919	2091919	2091960	-	5	42	TTG	TAA	0	0
mORF_-_2091927	2091927	2092181	-	4	255	GTG	TAA	0	0
mORF_-_2091932	2091932	2091979	-	6	48	GTG	TAG	0	0
mORF_-_2091998	2091998	2092018	-	6	21	TTG	TGA	0	0
mORF_-_2092037	2092037	2092078	-	6	42	GTG	TGA	0	0
mORF_-_2092109	2092109	2092153	-	6	45	TTG	TGA	0	0
mORF_-_2092175	2092175	2092240	-	6	66	TTG	TGA	0	0
mORF_-_2092269	2092269	2092391	-	4	123	GTG	TAG	0	0
mORF_-_2092349	2092349	2092444	-	6	96	TTG	TAG	0	0
mORF_-_2092369	2092369	2092410	-	5	42	ATG	TGA	0	0
mORF_-_2092428	2092428	2092463	-	4	36	GTG	TAG	0	0
mORF_-_2092460	2092460	2092627	-	6	168	GTG	TGA	0	0
mORF_-_2092480	2092480	2092617	-	5	138	ATG	TGA	0	0
mORF_-_2092630	2092630	2092704	-	5	75	GTG	TAA	0	0
mORF_-_2092688	2092688	2092771	-	6	84	TTG	TAA	0	0
mORF_-_2092723	2092723	2092854	-	5	132	ATG	TGA	0	0
mORF_-_2092790	2092790	2093092	-	6	303	GTG	TAA	0	0
mORF_-_2092851	2092851	2092997	-	4	147	TTG	TGA	0	0
mORF_-_2092921	2092921	2092938	-	5	18	TTG	TAA	0	0
mORF_-_2092990	2092990	2093019	-	5	30	ATG	TAG	0	0
mORF_-_2093032	2093032	2093049	-	5	18	GTG	TAA	0	0
mORF_-_2093118	2093118	2093183	-	4	66	GTG	TAG	0	0
mORF_-_2093153	2093153	2093311	-	6	159	TTG	TAA	0	0
mORF_-_2093170	2093170	2093331	-	5	162	TTG	TAA	0	0
mORF_-_2093208	2093208	2093216	-	4	9	TTG	TAA	0	0
mORF_-_2093328	2093328	2093561	-	4	234	TTG	TGA	0	0
mORF_-_2093363	2093363	2093473	-	6	111	GTG	TAA	0	0
mORF_-_2093470	2093470	2093475	-	5	6	TTG	TGA	0	0
mORF_-_2093518	2093518	2093586	-	5	69	TTG	TAA	0	0
mORF_-_2093573	2093573	2093605	-	6	33	GTG	TGA	0	0
mORF_-_2093602	2093602	2093649	-	5	48	ATG	TGA	0	0
mORF_-_2093625	2093625	2093681	-	4	57	GTG	TAG	0	0
mORF_-_2093693	2093693	2093830	-	6	138	ATG	TAG	0	0
mORF_-_2093745	2093745	2093945	-	4	201	ATG	TGA	0	0
mORF_-_2093830	2093830	2093892	-	5	63	ATG	TAA	0	0
mORF_-_2093846	2093846	2093884	-	6	39	ATG	TGA	0	0
mORF_-_2093912	2093912	2093953	-	6	42	ATG	TGA	0	0
mORF_-_2093950	2093950	2093976	-	5	27	TTG	TGA	0	0
mORF_-_2094014	2094014	2094175	-	6	162	TTG	TAG	0	0
mORF_-_2094172	2094172	2094201	-	5	30	ATG	TGA	0	0
mORF_-_2094201	2094201	2094578	-	4	378	TTG	TAA	0	0
mORF_-_2094296	2094296	2094331	-	6	36	GTG	TGA	0	0
mORF_-_2094332	2094332	2094397	-	6	66	TTG	TGA	0	0

mORF_-_2094428	2094428	2094586	-	6	159	TTG	TAA	0	0	
mORF_-_2094583	2094583	2094618	-	5	36	GTG	TGA	0	0	
mORF_-_2094641	2094641	2094712	-	6	72	GTG	TAA	0	0	
mORF_-_2094742	2094742	2094960	-	5	219	GTG	TAG	0	0	
mORF_-_2094852	2094852	2095409	-	4	558	GTG	TGA	0	0	
mORF_-_2094893	2094893	2095174	-	6	282	GTG	TAA	0	0	
mORF_-_2094985	2094985	2095014	-	5	30	TTG	TGA	0	0	
mORF_-_2095036	2095036	2095149	-	5	114	TTG	TAG	0	0	
mORF_-_2095208	2095208	2095315	-	6	108	GTG	TAA	0	0	
mORF_-_2095345	2095345	2096361	-	5	1017	ATG	TAA	41	271	pORF_-_2095345
mORF_-_2095428	2095428	2095457	-	4	30	GTG	TGA	0	0	
mORF_-_2095482	2095482	2095517	-	4	36	TTG	TGA	0	0	
mORF_-_2095521	2095521	2095598	-	4	78	ATG	TAA	0	0	
mORF_-_2095689	2095689	2095709	-	4	21	ATG	TGA	0	0	
mORF_-_2095779	2095779	2095814	-	4	36	TTG	TAA	0	0	
mORF_-_2095848	2095848	2095862	-	4	15	TTG	TGA	0	0	
mORF_-_2095887	2095887	2095919	-	4	33	ATG	TGA	0	0	
mORF_-_2096007	2096007	2096039	-	4	33	TTG	TAG	0	0	
mORF_-_2096040	2096040	2096093	-	4	54	ATG	TAA	0	0	
mORF_-_2096094	2096094	2096117	-	4	24	TTG	TGA	0	0	
mORF_-_2096105	2096105	2096245	-	6	141	GTG	TAA	0	0	
mORF_-_2096172	2096172	2096210	-	4	39	TTG	TAG	0	0	
mORF_-_2096229	2096229	2096240	-	4	12	GTG	TGA	0	0	
mORF_-_2096253	2096253	2096264	-	4	12	TTG	TAG	0	0	
mORF_-_2096265	2096265	2096306	-	4	42	ATG	TGA	0	0	
mORF_-_2096328	2096328	2096432	-	4	105	TTG	TAA	0	0	
mORF_-_2096333	2096333	2096353	-	6	21	TTG	TAG	0	0	
mORF_-_2096365	2096365	2096439	-	5	75	TTG	TAA	0	0	
mORF_-_2096440	2096440	2096586	-	5	147	GTG	TGA	0	0	
mORF_-_2096471	2096471	2097637	-	6	1167	ATG	TAA	0	0	
mORF_-_2096641	2096641	2096652	-	5	12	GTG	TGA	0	0	
mORF_-_2096671	2096671	2096697	-	5	27	GTG	TGA	0	0	
mORF_-_2096725	2096725	2096811	-	5	87	TTG	TGA	0	0	
mORF_-_2096821	2096821	2096925	-	5	105	TTG	TGA	0	0	
mORF_-_2096826	2096826	2096942	-	4	117	TTG	TAA	0	0	
mORF_-_2096974	2096974	2097309	-	5	336	ATG	TAG	0	0	
mORF_-_2097316	2097316	2097324	-	5	9	TTG	TAA	0	0	
mORF_-_2097346	2097346	2097435	-	5	90	ATG	TAG	0	0	
mORF_-_2097442	2097442	2097522	-	5	81	ATG	TAG	0	0	
mORF_-_2097523	2097523	2097534	-	5	12	TTG	TGA	0	0	
mORF_-_2097553	2097553	2097570	-	5	18	ATG	TAG	0	0	
mORF_-_2097604	2097604	2097609	-	5	6	ATG	TAG	0	0	
mORF_-_2097634	2097634	2097642	-	5	9	ATG	TGA	0	0	
mORF_-_2097658	2097658	2097747	-	5	90	TTG	TAA	0	0	
mORF_-_2097669	2097669	2097686	-	4	18	ATG	TGA	0	0	
mORF_-_2097729	2097729	2097737	-	4	9	TTG	TGA	0	0	
mORF_-_2097793	2097793	2097846	-	5	54	TTG	TAA	0	0	
mORF_-_2097807	2097807	2097863	-	4	57	TTG	TAA	0	0	
mORF_-_2097812	2097812	2097829	-	6	18	TTG	TAG	0	0	
mORF_-_2097876	2097876	2097959	-	4	84	GTG	TAA	0	0	
mORF_-_2097881	2097881	2097898	-	6	18	ATG	TGA	0	0	
mORF_-_2097886	2097886	2099292	-	5	1407	ATG	TAA	211	5222	pORF_-_2097886
mORF_-_2097972	2097972	2098211	-	4	240	GTG	TGA	0	0	
mORF_-_2098239	2098239	2098406	-	4	168	GTG	TGA	0	0	
mORF_-_2098391	2098391	2098501	-	6	111	ATG	TAA	0	0	
mORF_-_2098416	2098416	2098439	-	4	24	TTG	TGA	0	0	
mORF_-_2098455	2098455	2098529	-	4	75	ATG	TGA	0	0	
mORF_-_2098536	2098536	2098565	-	4	30	ATG	TGA	0	0	
mORF_-_2098611	2098611	2098619	-	4	9	GTG	TGA	0	0	
mORF_-_2098622	2098622	2098630	-	6	9	GTG	TAA	0	0	
mORF_-_2098668	2098668	2098703	-	4	36	TTG	TGA	0	0	
mORF_-_2098704	2098704	2098727	-	4	24	TTG	TGA	0	0	
mORF_-_2098724	2098724	2098789	-	6	66	ATG	TGA	0	0	

mORF_-_2098746	2098746	2098796	-	4	51	GTG	TGA	0	0	
mORF_-_2098836	2098836	2098865	-	4	30	GTG	TAG	0	0	
mORF_-_2098887	2098887	2099063	-	4	177	GTG	TGA	0	0	
mORF_-_2099076	2099076	2099114	-	4	39	TTG	TAA	0	0	
mORF_-_2099121	2099121	2099165	-	4	45	TTG	TGA	0	0	
mORF_-_2099166	2099166	2099240	-	4	75	TTG	TGA	0	0	
mORF_-_2099292	2099292	2099318	-	4	27	GTG	TAA	0	0	
mORF_-_2099305	2099305	2099364	-	5	60	TTG	TGA	0	0	
mORF_-_2099373	2099373	2099396	-	4	24	ATG	TAA	0	0	
mORF_-_2099407	2099407	2099451	-	5	45	TTG	TAA	0	0	
mORF_-_2099420	2099420	2099701	-	6	282	ATG	TAA	0	0	
mORF_-_2099490	2099490	2099513	-	4	24	ATG	TAG	0	0	
mORF_-_2099503	2099503	2099598	-	5	96	GTG	TAA	0	0	
mORF_-_2099607	2099607	2099621	-	4	15	GTG	TAG	0	0	
mORF_-_2099614	2099614	2099667	-	5	54	ATG	TGA	0	0	
mORF_-_2099634	2099634	2099720	-	4	87	TTG	TGA	0	0	
mORF_-_2099668	2099668	2099727	-	5	60	TTG	TAA	0	0	
mORF_-_2099769	2099769	2099819	-	4	51	ATG	TAA	0	0	
mORF_-_2099816	2099816	2099824	-	6	9	ATG	TGA	0	0	
mORF_-_2099821	2099821	2099832	-	5	12	ATG	TGA	0	0	
mORF_-_2099874	2099874	2099897	-	4	24	ATG	TAG	0	0	
mORF_-_2099878	2099878	2099937	-	5	60	GTG	TAA	0	0	
mORF_-_2099919	2099919	2100935	-	4	1017	ATG	TAA	46	158	pORF_-_2099919
mORF_-_2100179	2100179	2100298	-	6	120	ATG	TGA	0	0	
mORF_-_2100295	2100295	2100384	-	5	90	GTG	TGA	0	0	
mORF_-_2100332	2100332	2100358	-	6	27	TTG	TGA	0	0	
mORF_-_2100368	2100368	2100472	-	6	105	ATG	TGA	0	0	
mORF_-_2100581	2100581	2100679	-	6	99	ATG	TGA	0	0	
mORF_-_2100610	2100610	2100696	-	5	87	TTG	TAG	0	0	
mORF_-_2100683	2100683	2100871	-	6	189	GTG	TGA	0	0	
mORF_-_2100751	2100751	2100801	-	5	51	ATG	TAA	0	0	
mORF_-_2100896	2100896	2100943	-	6	48	ATG	TGA	0	0	
mORF_-_2100940	2100940	2101413	-	5	474	ATG	TGA	1	2	pORF_-_2100940
mORF_-_2100945	2100945	2100962	-	4	18	GTG	TGA	0	0	
mORF_-_2100975	2100975	2100992	-	4	18	TTG	TAG	0	0	
mORF_-_2101020	2101020	2101100	-	4	81	ATG	TAA	0	0	
mORF_-_2101049	2101049	2101066	-	6	18	ATG	TGA	0	0	
mORF_-_2101113	2101113	2101127	-	4	15	ATG	TGA	0	0	
mORF_-_2101149	2101149	2101172	-	4	24	ATG	TGA	0	0	
mORF_-_2101194	2101194	2101268	-	4	75	ATG	TAA	0	0	
mORF_-_2101247	2101247	2101279	-	6	33	ATG	TAG	0	0	
mORF_-_2101287	2101287	2101382	-	4	96	ATG	TGA	0	0	
mORF_-_2101401	2101401	2101418	-	4	18	TTG	TAA	0	0	
mORF_-_2101415	2101415	2102533	-	6	1119	ATG	TGA	4	26	pORF_-_2101415
mORF_-_2101441	2101441	2101458	-	5	18	TTG	TAG	0	0	
mORF_-_2101459	2101459	2101533	-	5	75	TTG	TAG	0	0	
mORF_-_2101546	2101546	2101599	-	5	54	TTG	TAG	0	0	
mORF_-_2101608	2101608	2101640	-	4	33	GTG	TAG	0	0	
mORF_-_2101659	2101659	2101679	-	4	21	ATG	TGA	0	0	
mORF_-_2101689	2101689	2101703	-	4	15	TTG	TAG	0	0	
mORF_-_2101705	2101705	2101827	-	5	123	GTG	TAG	0	0	
mORF_-_2101719	2101719	2101727	-	4	9	TTG	TAA	0	0	
mORF_-_2101864	2101864	2101881	-	5	18	GTG	TGA	0	0	
mORF_-_2101936	2101936	2102022	-	5	87	TTG	TGA	0	0	
mORF_-_2102062	2102062	2102082	-	5	21	TTG	TGA	0	0	
mORF_-_2102119	2102119	2102280	-	5	162	ATG	TGA	0	0	
mORF_-_2102205	2102205	2102213	-	4	9	TTG	TAA	0	0	
mORF_-_2102253	2102253	2102270	-	4	18	TTG	TGA	0	0	
mORF_-_2102301	2102301	2102306	-	4	6	TTG	TAA	0	0	
mORF_-_2102308	2102308	2102319	-	5	12	TTG	TAG	0	0	
mORF_-_2102316	2102316	2102339	-	4	24	GTG	TGA	0	0	
mORF_-_2102332	2102332	2102364	-	5	33	TTG	TAA	0	0	
mORF_-_2102370	2102370	2102378	-	4	9	ATG	TAA	0	0	

mORF_-_2102413	2102413	2102433	-	5	21	ATG	TAG	0	0	
mORF_-_2102445	2102445	2102546	-	4	102	ATG	TAA	0	0	
mORF_-_2102467	2102467	2102514	-	5	48	TTG	TGA	0	0	
mORF_-_2102518	2102518	2103108	-	5	591	ATG	TAG	2	2	pORF_-_2102518
mORF_-_2102559	2102559	2102618	-	4	60	TTG	TAA	0	0	
mORF_-_2102634	2102634	2102651	-	4	18	TTG	TAG	0	0	
mORF_-_2102673	2102673	2102705	-	4	33	TTG	TGA	0	0	
mORF_-_2102681	2102681	2102692	-	6	12	TTG	TGA	0	0	
mORF_-_2102706	2102706	2102711	-	4	6	TTG	TAA	0	0	
mORF_-_2102760	2102760	2102822	-	4	63	TTG	TGA	0	0	
mORF_-_2102838	2102838	2102891	-	4	54	ATG	TAG	0	0	
mORF_-_2102907	2102907	2103035	-	4	129	GTG	TGA	0	0	
mORF_-_2103039	2103039	2103083	-	4	45	ATG	TGA	0	0	
mORF_-_2103089	2103089	2104087	-	6	999	GTG	TAA	26	304	pORF_-_2103089
mORF_-_2103112	2103112	2103183	-	5	72	GTG	TGA	0	0	
mORF_-_2103208	2103208	2103255	-	5	48	ATG	TGA	0	0	
mORF_-_2103271	2103271	2103288	-	5	18	TTG	TAG	0	0	
mORF_-_2103297	2103297	2103305	-	4	9	ATG	TAA	0	0	
mORF_-_2103364	2103364	2103651	-	5	288	TTG	TAA	0	0	
mORF_-_2103387	2103387	2103416	-	4	30	TTG	TAG	0	0	
mORF_-_2103504	2103504	2103536	-	4	33	ATG	TGA	0	0	
mORF_-_2103540	2103540	2103560	-	4	21	ATG	TGA	0	0	
mORF_-_2103724	2103724	2103762	-	5	39	GTG	TAA	0	0	
mORF_-_2103778	2103778	2103795	-	5	18	ATG	TAA	0	0	
mORF_-_2103813	2103813	2103854	-	4	42	TTG	TAG	0	0	
mORF_-_2103883	2103883	2103903	-	5	21	TTG	TAA	0	0	
mORF_-_2103936	2103936	2103965	-	4	30	ATG	TAG	0	0	
mORF_-_2103952	2103952	2104044	-	5	93	ATG	TAG	0	0	
mORF_-_2104060	2104060	2104068	-	5	9	ATG	TAA	0	0	
mORF_-_2104084	2104084	2105250	-	5	1167	ATG	TGA	0	0	
mORF_-_2104103	2104103	2104150	-	6	48	TTG	TAA	0	0	
mORF_-_2104164	2104164	2104178	-	4	15	ATG	TGA	0	0	
mORF_-_2104175	2104175	2104369	-	6	195	GTG	TGA	0	0	
mORF_-_2104227	2104227	2104280	-	4	54	ATG	TGA	0	0	
mORF_-_2104302	2104302	2104403	-	4	102	GTG	TAA	0	0	
mORF_-_2104419	2104419	2104445	-	4	27	ATG	TGA	0	0	
mORF_-_2104427	2104427	2104438	-	6	12	TTG	TGA	0	0	
mORF_-_2104497	2104497	2104586	-	4	90	GTG	TAA	0	0	
mORF_-_2104587	2104587	2104610	-	4	24	ATG	TAG	0	0	
mORF_-_2104617	2104617	2104631	-	4	15	GTG	TAA	0	0	
mORF_-_2104632	2104632	2104670	-	4	39	TTG	TAG	0	0	
mORF_-_2104686	2104686	2104721	-	4	36	TTG	TGA	0	0	
mORF_-_2104740	2104740	2104784	-	4	45	TTG	TAA	0	0	
mORF_-_2104763	2104763	2104771	-	6	9	TTG	TAA	0	0	
mORF_-_2104791	2104791	2104850	-	4	60	ATG	TAA	0	0	
mORF_-_2104898	2104898	2104915	-	6	18	ATG	TAA	0	0	
mORF_-_2104950	2104950	2104991	-	4	42	ATG	TAG	0	0	
mORF_-_2104991	2104991	2105068	-	6	78	TTG	TAA	0	0	
mORF_-_2105016	2105016	2105024	-	4	9	GTG	TAG	0	0	
mORF_-_2105055	2105055	2105063	-	4	9	ATG	TGA	0	0	
mORF_-_2105079	2105079	2105093	-	4	15	ATG	TGA	0	0	
mORF_-_2105094	2105094	2105108	-	4	15	ATG	TAA	0	0	
mORF_-_2105121	2105121	2105231	-	4	111	GTG	TAA	0	0	
mORF_-_2105159	2105159	2105167	-	6	9	ATG	TAA	0	0	
mORF_-_2105235	2105235	2105240	-	4	6	TTG	TAA	0	0	
mORF_-_2105250	2105250	2106353	-	4	1104	ATG	TAA	37	217	pORF_-_2105250
mORF_-_2105297	2105297	2105344	-	6	48	TTG	TGA	0	0	
mORF_-_2105369	2105369	2105440	-	6	72	TTG	TAG	0	0	
mORF_-_2105413	2105413	2105448	-	5	36	GTG	TAA	0	0	
mORF_-_2105450	2105450	2105515	-	6	66	TTG	TAG	0	0	
mORF_-_2105516	2105516	2105542	-	6	27	ATG	TAA	0	0	
mORF_-_2105555	2105555	2105602	-	6	48	TTG	TAA	0	0	
mORF_-_2105621	2105621	2105656	-	6	36	TTG	TAG	0	0	

mORF_-_2105711	2105711	2105722	-	6	12	TTG	TGA	0	0	
mORF_-_2105732	2105732	2105824	-	6	93	TTG	TAA	0	0	
mORF_-_2105834	2105834	2105878	-	6	45	GTG	TGA	0	0	
mORF_-_2105848	2105848	2105889	-	5	42	GTG	TAA	0	0	
mORF_-_2105912	2105912	2105938	-	6	27	TTG	TGA	0	0	
mORF_-_2105939	2105939	2106004	-	6	66	ATG	TAG	0	0	
mORF_-_2106034	2106034	2106045	-	5	12	GTG	TAA	0	0	
mORF_-_2106137	2106137	2106265	-	6	129	TTG	TAG	0	0	
mORF_-_2106145	2106145	2106159	-	5	15	ATG	TAA	0	0	
mORF_-_2106293	2106293	2106367	-	6	75	TTG	TAA	0	0	
mORF_-_2106298	2106298	2106309	-	5	12	TTG	TGA	0	0	
mORF_-_2106361	2106361	2107608	-	5	1248	ATG	TGA	0	0	
mORF_-_2106380	2106380	2106421	-	6	42	GTG	TAA	0	0	
mORF_-_2106414	2106414	2106431	-	4	18	TTG	TAG	0	0	
mORF_-_2106438	2106438	2106452	-	4	15	TTG	TAA	0	0	
mORF_-_2106549	2106549	2106575	-	4	27	ATG	TGA	0	0	
mORF_-_2106615	2106615	2106623	-	4	9	TTG	TAA	0	0	
mORF_-_2106624	2106624	2106638	-	4	15	ATG	TGA	0	0	
mORF_-_2106663	2106663	2106677	-	4	15	GTG	TAG	0	0	
mORF_-_2106690	2106690	2106710	-	4	21	TTG	TAA	0	0	
mORF_-_2106747	2106747	2106752	-	4	6	GTG	TGA	0	0	
mORF_-_2106756	2106756	2106773	-	4	18	TTG	TGA	0	0	
mORF_-_2106840	2106840	2106857	-	4	18	ATG	TAA	0	0	
mORF_-_2106906	2106906	2106953	-	4	48	ATG	TAG	0	0	
mORF_-_2106966	2106966	2107028	-	4	63	TTG	TAG	0	0	
mORF_-_2107004	2107004	2107015	-	6	12	TTG	TAA	0	0	
mORF_-_2107035	2107035	2107088	-	4	54	TTG	TAG	0	0	
mORF_-_2107110	2107110	2107115	-	4	6	TTG	TGA	0	0	
mORF_-_2107157	2107157	2107249	-	6	93	ATG	TAG	0	0	
mORF_-_2107227	2107227	2107241	-	4	15	TTG	TAG	0	0	
mORF_-_2107254	2107254	2107283	-	4	30	TTG	TAA	0	0	
mORF_-_2107274	2107274	2107354	-	6	81	TTG	TGA	0	0	
mORF_-_2107365	2107365	2107436	-	4	72	TTG	TAA	0	0	
mORF_-_2107430	2107430	2107468	-	6	39	TTG	TGA	0	0	
mORF_-_2107443	2107443	2107499	-	4	57	TTG	TGA	0	0	
mORF_-_2107506	2107506	2107511	-	4	6	TTG	TAA	0	0	
mORF_-_2107595	2107595	2107612	-	6	18	TTG	TAA	0	0	
mORF_-_2107605	2107605	2108162	-	4	558	ATG	TGA	6	16	pORF_-_2107605
mORF_-_2107619	2107619	2107636	-	6	18	ATG	TAA	0	0	
mORF_-_2107637	2107637	2107657	-	6	21	ATG	TAG	0	0	
mORF_-_2107654	2107654	2107695	-	5	42	TTG	TGA	0	0	
mORF_-_2107673	2107673	2108029	-	6	357	TTG	TAA	0	0	
mORF_-_2107714	2107714	2107734	-	5	21	TTG	TGA	0	0	
mORF_-_2107786	2107786	2107830	-	5	45	GTG	TGA	0	0	
mORF_-_2107846	2107846	2107872	-	5	27	ATG	TGA	0	0	
mORF_-_2108045	2108045	2108107	-	6	63	TTG	TAG	0	0	
mORF_-_2108126	2108126	2108140	-	6	15	TTG	TAA	0	0	
mORF_-_2108153	2108153	2108158	-	6	6	ATG	TGA	0	0	
mORF_-_2108162	2108162	2109043	-	6	882	ATG	TAA	58	337	pORF_-_2108162
mORF_-_2108179	2108179	2108202	-	5	24	ATG	TGA	0	0	
mORF_-_2108236	2108236	2108274	-	5	39	TTG	TAA	0	0	
mORF_-_2108296	2108296	2108325	-	5	30	TTG	TGA	0	0	
mORF_-_2108331	2108331	2108375	-	4	45	GTG	TAA	0	0	
mORF_-_2108344	2108344	2108385	-	5	42	GTG	TGA	0	0	
mORF_-_2108392	2108392	2108421	-	5	30	TTG	TGA	0	0	
mORF_-_2108449	2108449	2108460	-	5	12	GTG	TAG	0	0	
mORF_-_2108473	2108473	2108508	-	5	36	ATG	TGA	0	0	
mORF_-_2108548	2108548	2108652	-	5	105	GTG	TAG	0	0	
mORF_-_2108677	2108677	2108784	-	5	108	ATG	TAA	0	0	
mORF_-_2108712	2108712	2108732	-	4	21	TTG	TGA	0	0	
mORF_-_2108790	2108790	2108825	-	4	36	GTG	TAG	0	0	
mORF_-_2108815	2108815	2108838	-	5	24	GTG	TGA	0	0	
mORF_-_2108935	2108935	2108949	-	5	15	ATG	TGA	0	0	

mORF_-_2108983	2108983	2109012	-	5	30	GTG	TGA	0	0	
mORF_-_2109040	2109040	2109129	-	5	90	ATG	TGA	0	0	
mORF_-_2109057	2109057	2109065	-	4	9	ATG	TAA	0	0	
mORF_-_2109062	2109062	2109094	-	6	33	TTG	TGA	0	0	
mORF_-_2109101	2109101	2110000	-	6	900	ATG	TAA	27	109	pORF_-_2109101
mORF_-_2109142	2109142	2109348	-	5	207	GTG	TGA	0	0	
mORF_-_2109352	2109352	2109378	-	5	27	ATG	TAG	0	0	
mORF_-_2109384	2109384	2109419	-	4	36	TTG	TAA	0	0	
mORF_-_2109388	2109388	2109453	-	5	66	TTG	TGA	0	0	
mORF_-_2109472	2109472	2109537	-	5	66	ATG	TAG	0	0	
mORF_-_2109519	2109519	2109575	-	4	57	TTG	TAA	0	0	
mORF_-_2109601	2109601	2109624	-	5	24	ATG	TAG	0	0	
mORF_-_2109612	2109612	2109656	-	4	45	ATG	TGA	0	0	
mORF_-_2109625	2109625	2109750	-	5	126	GTG	TAA	0	0	
mORF_-_2109763	2109763	2109774	-	5	12	TTG	TAA	0	0	
mORF_-_2109799	2109799	2109828	-	5	30	TTG	TAG	0	0	
mORF_-_2109862	2109862	2109921	-	5	60	TTG	TAG	0	0	
mORF_-_2109885	2109885	2109893	-	4	9	TTG	TGA	0	0	
mORF_-_2109922	2109922	2109948	-	5	27	GTG	TGA	0	0	
mORF_-_2109927	2109927	2110049	-	4	123	GTG	TAA	0	0	
mORF_-_2109964	2109964	2109984	-	5	21	TTG	TAG	0	0	
mORF_-_2110000	2110000	2111085	-	5	1086	GTG	TAA	66	688	pORF_-_2110000
mORF_-_2110025	2110025	2110033	-	6	9	GTG	TGA	0	0	
mORF_-_2110053	2110053	2110265	-	4	213	GTG	TGA	0	0	
mORF_-_2110061	2110061	2110090	-	6	30	ATG	TGA	0	0	
mORF_-_2110115	2110115	2110138	-	6	24	ATG	TGA	0	0	
mORF_-_2110262	2110262	2110267	-	6	6	TTG	TGA	0	0	
mORF_-_2110278	2110278	2110328	-	4	51	GTG	TAG	0	0	
mORF_-_2110344	2110344	2110493	-	4	150	ATG	TAA	0	0	
mORF_-_2110445	2110445	2110507	-	6	63	TTG	TAA	0	0	
mORF_-_2110508	2110508	2110546	-	6	39	GTG	TAA	0	0	
mORF_-_2110512	2110512	2110532	-	4	21	ATG	TGA	0	0	
mORF_-_2110647	2110647	2110832	-	4	186	ATG	TAA	0	0	
mORF_-_2110838	2110838	2110909	-	6	72	TTG	TGA	0	0	
mORF_-_2110854	2110854	2110958	-	4	105	TTG	TGA	0	0	
mORF_-_2110983	2110983	2111006	-	4	24	GTG	TAA	0	0	
mORF_-_2111037	2111037	2111075	-	4	39	TTG	TAG	0	0	
mORF_-_2111091	2111091	2111099	-	4	9	ATG	TAA	0	0	
mORF_-_2111106	2111106	2111114	-	4	9	ATG	TGA	0	0	
mORF_-_2111155	2111155	2111202	-	5	48	ATG	TAA	0	0	
mORF_-_2111186	2111186	2111257	-	6	72	TTG	TAG	0	0	
mORF_-_2111226	2111226	2111276	-	4	51	TTG	TAA	0	0	
mORF_-_2111254	2111254	2111292	-	5	39	TTG	TGA	0	0	
mORF_-_2111270	2111270	2111410	-	6	141	GTG	TAA	0	0	
mORF_-_2111416	2111416	2111433	-	5	18	TTG	TAA	0	0	
mORF_-_2111437	2111437	2111442	-	5	6	ATG	TAA	0	0	
mORF_-_2111447	2111447	2111458	-	6	12	ATG	TGA	0	0	
mORF_-_2111458	2111458	2112363	-	5	906	GTG	TAA	73	1711	pORF_-_2111458
mORF_-_2111466	2111466	2111480	-	4	15	TTG	TAA	0	0	
mORF_-_2111508	2111508	2111525	-	4	18	ATG	TGA	0	0	
mORF_-_2111529	2111529	2111534	-	4	6	TTG	TGA	0	0	
mORF_-_2111586	2111586	2111633	-	4	48	ATG	TGA	0	0	
mORF_-_2111633	2111633	2111689	-	6	57	TTG	TGA	0	0	
mORF_-_2111637	2111637	2111708	-	4	72	ATG	TGA	0	0	
mORF_-_2111715	2111715	2111900	-	4	186	TTG	TAG	0	0	
mORF_-_2111901	2111901	2111942	-	4	42	ATG	TGA	0	0	
mORF_-_2111949	2111949	2112005	-	4	57	GTG	TGA	0	0	
mORF_-_2111984	2111984	2112007	-	6	24	GTG	TGA	0	0	
mORF_-_2112108	2112108	2112122	-	4	15	TTG	TGA	0	0	
mORF_-_2112132	2112132	2112140	-	4	9	ATG	TAG	0	0	
mORF_-_2112186	2112186	2112233	-	4	48	TTG	TAA	0	0	
mORF_-_2112351	2112351	2112416	-	4	66	TTG	TAA	0	0	
mORF_-_2112417	2112417	2112503	-	4	87	ATG	TAA	0	0	

mORF_-_2112488	2112488	2112523	-	6	36	TTG	TAG	0	0	
mORF_-_2112526	2112526	2113920	-	5	1395	ATG	TAG	0	0	
mORF_-_2112534	2112534	2112623	-	4	90	ATG	TGA	0	0	
mORF_-_2112624	2112624	2112704	-	4	81	TTG	TGA	0	0	
mORF_-_2112714	2112714	2112728	-	4	15	TTG	TGA	0	0	
mORF_-_2112744	2112744	2112803	-	4	60	GTG	TGA	0	0	
mORF_-_2112807	2112807	2112815	-	4	9	TTG	TGA	0	0	
mORF_-_2112822	2112822	2112911	-	4	90	ATG	TAA	0	0	
mORF_-_2112954	2112954	2112962	-	4	9	ATG	TAA	0	0	
mORF_-_2112990	2112990	2113007	-	4	18	TTG	TGA	0	0	
mORF_-_2113008	2113008	2113133	-	4	126	ATG	TGA	0	0	
mORF_-_2113019	2113019	2113024	-	6	6	TTG	TGA	0	0	
mORF_-_2113127	2113127	2113150	-	6	24	TTG	TGA	0	0	
mORF_-_2113137	2113137	2113178	-	4	42	TTG	TGA	0	0	
mORF_-_2113185	2113185	2113232	-	4	48	TTG	TGA	0	0	
mORF_-_2113236	2113236	2113292	-	4	57	ATG	TAG	0	0	
mORF_-_2113302	2113302	2113388	-	4	87	GTG	TGA	0	0	
mORF_-_2113319	2113319	2113336	-	6	18	ATG	TAA	0	0	
mORF_-_2113367	2113367	2113372	-	6	6	TTG	TAA	0	0	
mORF_-_2113509	2113509	2113520	-	4	12	TTG	TGA	0	0	
mORF_-_2113533	2113533	2113598	-	4	66	ATG	TGA	0	0	
mORF_-_2113608	2113608	2113868	-	4	261	TTG	TGA	0	0	
mORF_-_2113718	2113718	2113723	-	6	6	TTG	TGA	0	0	
mORF_-_2113931	2113931	2115151	-	6	1221	ATG	TAG	1	2	pORF_-_2113931
mORF_-_2113969	2113969	2114142	-	5	174	GTG	TGA	0	0	
mORF_-_2114188	2114188	2114253	-	5	66	ATG	TAA	0	0	
mORF_-_2114275	2114275	2114370	-	5	96	TTG	TGA	0	0	
mORF_-_2114292	2114292	2114363	-	4	72	GTG	TAA	0	0	
mORF_-_2114410	2114410	2114439	-	5	30	ATG	TGA	0	0	
mORF_-_2114517	2114517	2114600	-	4	84	GTG	TAG	0	0	
mORF_-_2114620	2114620	2114733	-	5	114	GTG	TGA	0	0	
mORF_-_2114691	2114691	2114825	-	4	135	TTG	TGA	0	0	
mORF_-_2114758	2114758	2114793	-	5	36	ATG	TAA	0	0	
mORF_-_2114839	2114839	2114991	-	5	153	TTG	TGA	0	0	
mORF_-_2114895	2114895	2115008	-	4	114	ATG	TAA	0	0	
mORF_-_2115055	2115055	2115075	-	5	21	TTG	TAG	0	0	
mORF_-_2115148	2115148	2116428	-	5	1281	ATG	TGA	0	0	
mORF_-_2115153	2115153	2115239	-	4	87	ATG	TGA	0	0	
mORF_-_2115258	2115258	2115272	-	4	15	TTG	TAG	0	0	
mORF_-_2115294	2115294	2115395	-	4	102	TTG	TAG	0	0	
mORF_-_2115399	2115399	2115488	-	4	90	ATG	TGA	0	0	
mORF_-_2115495	2115495	2115599	-	4	105	TTG	TAG	0	0	
mORF_-_2115600	2115600	2115821	-	4	222	ATG	TGA	0	0	
mORF_-_2115686	2115686	2115805	-	6	120	GTG	TGA	0	0	
mORF_-_2115858	2115858	2115866	-	4	9	TTG	TGA	0	0	
mORF_-_2115888	2115888	2115968	-	4	81	TTG	TGA	0	0	
mORF_-_2115938	2115938	2116003	-	6	66	TTG	TGA	0	0	
mORF_-_2115969	2115969	2116214	-	4	246	TTG	TGA	0	0	
mORF_-_2116314	2116314	2116388	-	4	75	GTG	TGA	0	0	
mORF_-_2116355	2116355	2116399	-	6	45	TTG	TGA	0	0	
mORF_-_2116425	2116425	2116538	-	4	114	GTG	TGA	0	0	
mORF_-_2116436	2116436	2116702	-	6	267	TTG	TGA	0	0	
mORF_-_2116522	2116522	2116566	-	5	45	GTG	TAG	0	0	
mORF_-_2116563	2116563	2116580	-	4	18	ATG	TGA	0	0	
mORF_-_2116581	2116581	2116670	-	4	90	ATG	TGA	0	0	
mORF_-_2116660	2116660	2116929	-	5	270	ATG	TAA	0	0	
mORF_-_2116704	2116704	2118182	-	4	1479	ATG	TGA	0	0	
mORF_-_2116757	2116757	2116792	-	6	36	TTG	TGA	0	0	
mORF_-_2116796	2116796	2116804	-	6	9	TTG	TGA	0	0	
mORF_-_2116865	2116865	2116885	-	6	21	ATG	TGA	0	0	
mORF_-_2116934	2116934	2116963	-	6	30	TTG	TGA	0	0	
mORF_-_2116991	2116991	2117062	-	6	72	GTG	TGA	0	0	
mORF_-_2117063	2117063	2117071	-	6	9	TTG	TAG	0	0	

mORF_-_2117141	2117141	2117155	-	6	15	TTG	TGA	0	0	
mORF_-_2117161	2117161	2117226	-	5	66	GTG	TAA	0	0	
mORF_-_2117165	2117165	2117251	-	6	87	TTG	TAG	0	0	
mORF_-_2117306	2117306	2117335	-	6	30	GTG	TAG	0	0	
mORF_-_2117408	2117408	2117422	-	6	15	TTG	TGA	0	0	
mORF_-_2117534	2117534	2117623	-	6	90	TTG	TGA	0	0	
mORF_-_2117636	2117636	2117644	-	6	9	GTG	TGA	0	0	
mORF_-_2117698	2117698	2117712	-	5	15	TTG	TAG	0	0	
mORF_-_2117810	2117810	2117818	-	6	9	TTG	TAA	0	0	
mORF_-_2117864	2117864	2117887	-	6	24	GTG	TGA	0	0	
mORF_-_2117884	2117884	2117910	-	5	27	GTG	TGA	0	0	
mORF_-_2117933	2117933	2117959	-	6	27	TTG	TGA	0	0	
mORF_-_2118007	2118007	2118147	-	5	141	GTG	TGA	0	0	
mORF_-_2118125	2118125	2118172	-	6	48	GTG	TGA	0	0	
mORF_-_2118179	2118179	2118187	-	6	9	TTG	TGA	0	0	
mORF_-_2118184	2118184	2119578	-	5	1395	ATG	TGA	0	0	
mORF_-_2118200	2118200	2118259	-	6	60	ATG	TAA	0	0	
mORF_-_2118222	2118222	2118275	-	4	54	TTG	TGA	0	0	
mORF_-_2118366	2118366	2118395	-	4	30	TTG	TGA	0	0	
mORF_-_2118423	2118423	2118449	-	4	27	TTG	TAG	0	0	
mORF_-_2118465	2118465	2118494	-	4	30	ATG	TGA	0	0	
mORF_-_2118491	2118491	2118700	-	6	210	GTG	TGA	0	0	
mORF_-_2118588	2118588	2118626	-	4	39	ATG	TGA	0	0	
mORF_-_2118678	2118678	2118692	-	4	15	TTG	TGA	0	0	
mORF_-_2118714	2118714	2118755	-	4	42	GTG	TGA	0	0	
mORF_-_2118770	2118770	2118937	-	6	168	GTG	TAA	0	0	
mORF_-_2118918	2118918	2119067	-	4	150	TTG	TGA	0	0	
mORF_-_2119064	2119064	2119078	-	6	15	GTG	TGA	0	0	
mORF_-_2119119	2119119	2119184	-	4	66	TTG	TAG	0	0	
mORF_-_2119163	2119163	2119237	-	6	75	GTG	TAA	0	0	
mORF_-_2119224	2119224	2119232	-	4	9	ATG	TGA	0	0	
mORF_-_2119251	2119251	2119271	-	4	21	ATG	TGA	0	0	
mORF_-_2119268	2119268	2119480	-	6	213	ATG	TGA	0	0	
mORF_-_2119308	2119308	2119358	-	4	51	GTG	TAA	0	0	
mORF_-_2119419	2119419	2119490	-	4	72	TTG	TGA	0	0	
mORF_-_2119530	2119530	2119541	-	4	12	ATG	TAA	0	0	
mORF_-_2119601	2119601	2119633	-	6	33	ATG	TAA	0	0	
mORF_-_2119633	2119633	2121051	-	5	1419	TTG	TAA	1	0	pORF_-_2119633
mORF_-_2119677	2119677	2119706	-	4	30	ATG	TGA	0	0	
mORF_-_2119707	2119707	2119763	-	4	57	TTG	TGA	0	0	
mORF_-_2119767	2119767	2119874	-	4	108	GTG	TGA	0	0	
mORF_-_2119925	2119925	2119963	-	6	39	GTG	TAA	0	0	
mORF_-_2119968	2119968	2119997	-	4	30	GTG	TGA	0	0	
mORF_-_2120016	2120016	2120030	-	4	15	ATG	TGA	0	0	
mORF_-_2120088	2120088	2120102	-	4	15	GTG	TAA	0	0	
mORF_-_2120112	2120112	2120312	-	4	201	ATG	TGA	0	0	
mORF_-_2120270	2120270	2120332	-	6	63	ATG	TGA	0	0	
mORF_-_2120397	2120397	2120438	-	4	42	TTG	TAA	0	0	
mORF_-_2120481	2120481	2120588	-	4	108	ATG	TGA	0	0	
mORF_-_2120682	2120682	2120813	-	4	132	ATG	TGA	0	0	
mORF_-_2120841	2120841	2120870	-	4	30	GTG	TAA	0	0	
mORF_-_2120874	2120874	2120942	-	4	69	ATG	TAG	0	0	
mORF_-_2120955	2120955	2120975	-	4	21	ATG	TAG	0	0	
mORF_-_2121008	2121008	2121088	-	6	81	ATG	TAA	0	0	
mORF_-_2121066	2121066	2121092	-	4	27	ATG	TAA	0	0	
mORF_-_2121070	2121070	2121075	-	5	6	GTG	TAA	0	0	
mORF_-_2121089	2121089	2121181	-	6	93	TTG	TGA	0	0	
mORF_-_2121108	2121108	2122544	-	4	1437	ATG	TAA	2	4	pORF_-_2121108
mORF_-_2121178	2121178	2121219	-	5	42	TTG	TGA	0	0	
mORF_-_2121182	2121182	2121310	-	6	129	TTG	TAA	0	0	
mORF_-_2121383	2121383	2121472	-	6	90	ATG	TGA	0	0	
mORF_-_2121415	2121415	2121429	-	5	15	GTG	TGA	0	0	
mORF_-_2121500	2121500	2121529	-	6	30	TTG	TGA	0	0	

mORF_-_2121530	2121530	2121541	-	6	12	ATG	TGA	0	0	
mORF_-_2121569	2121569	2121610	-	6	42	ATG	TGA	0	0	
mORF_-_2121631	2121631	2121687	-	5	57	ATG	TAA	0	0	
mORF_-_2121635	2121635	2121811	-	6	177	ATG	TGA	0	0	
mORF_-_2121848	2121848	2121868	-	6	21	ATG	TGA	0	0	
mORF_-_2121893	2121893	2122099	-	6	207	TTG	TGA	0	0	
mORF_-_2122109	2122109	2122180	-	6	72	TTG	TGA	0	0	
mORF_-_2122181	2122181	2122186	-	6	6	ATG	TGA	0	0	
mORF_-_2122208	2122208	2122261	-	6	54	TTG	TAA	0	0	
mORF_-_2122319	2122319	2122363	-	6	45	ATG	TGA	0	0	
mORF_-_2122360	2122360	2122488	-	5	129	ATG	TGA	0	0	
mORF_-_2122442	2122442	2122507	-	6	66	GTG	TGA	0	0	
mORF_-_2122495	2122495	2122563	-	5	69	ATG	TAG	0	0	
mORF_-_2122514	2122514	2122519	-	6	6	TTG	TGA	0	0	
mORF_-_2122547	2122547	2123770	-	6	1224	ATG	TAA	0	0	
mORF_-_2122564	2122564	2122707	-	5	144	TTG	TAA	0	0	
mORF_-_2122692	2122692	2122727	-	4	36	TTG	TGA	0	0	
mORF_-_2122770	2122770	2122853	-	4	84	TTG	TAA	0	0	
mORF_-_2122795	2122795	2122818	-	5	24	ATG	TGA	0	0	
mORF_-_2122864	2122864	2122983	-	5	120	TTG	TGA	0	0	
mORF_-_2122987	2122987	2123151	-	5	165	TTG	TGA	0	0	
mORF_-_2123218	2123218	2123442	-	5	225	TTG	TGA	0	0	
mORF_-_2123265	2123265	2123633	-	4	369	ATG	TAG	0	0	
mORF_-_2123476	2123476	2123502	-	5	27	TTG	TGA	0	0	
mORF_-_2123527	2123527	2123673	-	5	147	ATG	TGA	0	0	
mORF_-_2123670	2123670	2123693	-	4	24	ATG	TGA	0	0	
mORF_-_2123745	2123745	2123837	-	4	93	GTG	TAA	0	0	
mORF_-_2123767	2123767	2124249	-	5	483	ATG	TGA	0	0	
mORF_-_2123859	2123859	2123999	-	4	141	GTG	TGA	0	0	
mORF_-_2124051	2124051	2124197	-	4	147	TTG	TGA	0	0	
mORF_-_2124059	2124059	2124337	-	6	279	TTG	TGA	0	0	
mORF_-_2124213	2124213	2124224	-	4	12	TTG	TAG	0	0	
mORF_-_2124249	2124249	2125214	-	4	966	ATG	TAA	0	0	
mORF_-_2124274	2124274	2124285	-	5	12	GTG	TGA	0	0	
mORF_-_2124353	2124353	2124631	-	6	279	ATG	TGA	0	0	
mORF_-_2124568	2124568	2124612	-	5	45	ATG	TGA	0	0	
mORF_-_2124674	2124674	2124808	-	6	135	ATG	TGA	0	0	
mORF_-_2124685	2124685	2124777	-	5	93	GTG	TAA	0	0	
mORF_-_2124917	2124917	2124958	-	6	42	TTG	TGA	0	0	
mORF_-_2124962	2124962	2125072	-	6	111	ATG	TGA	0	0	
mORF_-_2125097	2125097	2125192	-	6	96	TTG	TGA	0	0	
mORF_-_2125217	2125217	2126338	-	6	1122	ATG	TAA	1	2	pORF_-_2125217
mORF_-_2125258	2125258	2125419	-	5	162	TTG	TGA	0	0	
mORF_-_2125429	2125429	2125512	-	5	84	TTG	TGA	0	0	
mORF_-_2125509	2125509	2125628	-	4	120	GTG	TGA	0	0	
mORF_-_2125636	2125636	2126064	-	5	429	TTG	TAA	0	0	
mORF_-_2125662	2125662	2125697	-	4	36	GTG	TGA	0	0	
mORF_-_2126071	2126071	2126112	-	5	42	GTG	TGA	0	0	
mORF_-_2126125	2126125	2126142	-	5	18	GTG	TGA	0	0	
mORF_-_2126143	2126143	2126250	-	5	108	ATG	TGA	0	0	
mORF_-_2126308	2126308	2126313	-	5	6	GTG	TAA	0	0	
mORF_-_2126342	2126342	2126377	-	6	36	TTG	TAA	0	0	
mORF_-_2126364	2126364	2126912	-	4	549	ATG	TAA	0	0	
mORF_-_2126374	2126374	2126415	-	5	42	TTG	TGA	0	0	
mORF_-_2126390	2126390	2126533	-	6	144	TTG	TGA	0	0	
mORF_-_2126437	2126437	2126523	-	5	87	ATG	TAA	0	0	
mORF_-_2126534	2126534	2126575	-	6	42	ATG	TGA	0	0	
mORF_-_2126584	2126584	2126595	-	5	12	ATG	TAG	0	0	
mORF_-_2126615	2126615	2126632	-	6	18	TTG	TGA	0	0	
mORF_-_2126636	2126636	2126689	-	6	54	GTG	TAA	0	0	
mORF_-_2126665	2126665	2126679	-	5	15	GTG	TGA	0	0	
mORF_-_2126686	2126686	2126844	-	5	159	ATG	TGA	0	0	
mORF_-_2126750	2126750	2126818	-	6	69	TTG	TAG	0	0	

mORF_-_2126900	2126900	2127190	-	6	291	ATG	TAA	0	0	
mORF_-_2126928	2126928	2127674	-	4	747	ATG	TGA	1	0	pORF_-_2126928
mORF_-_2126992	2126992	2127000	-	5	9	TTG	TGA	0	0	
mORF_-_2127043	2127043	2127051	-	5	9	GTG	TGA	0	0	
mORF_-_2127187	2127187	2127198	-	5	12	ATG	TGA	0	0	
mORF_-_2127203	2127203	2127322	-	6	120	ATG	TGA	0	0	
mORF_-_2127356	2127356	2127442	-	6	87	TTG	TAA	0	0	
mORF_-_2127452	2127452	2127616	-	6	165	ATG	TGA	0	0	
mORF_-_2127529	2127529	2127570	-	5	42	ATG	TGA	0	0	
mORF_-_2127685	2127685	2128974	-	5	1290	TTG	TAA	0	0	
mORF_-_2127732	2127732	2127830	-	4	99	TTG	TAA	0	0	
mORF_-_2127824	2127824	2127871	-	6	48	GTG	TGA	0	0	
mORF_-_2127909	2127909	2127926	-	4	18	ATG	TGA	0	0	
mORF_-_2127930	2127930	2127998	-	4	69	TTG	TAG	0	0	
mORF_-_2128005	2128005	2128016	-	4	12	TTG	TAG	0	0	
mORF_-_2128041	2128041	2128058	-	4	18	TTG	TGA	0	0	
mORF_-_2128128	2128128	2128139	-	4	12	TTG	TAA	0	0	
mORF_-_2128196	2128196	2128219	-	6	24	GTG	TAA	0	0	
mORF_-_2128290	2128290	2128322	-	4	33	TTG	TGA	0	0	
mORF_-_2128304	2128304	2128342	-	6	39	TTG	TAA	0	0	
mORF_-_2128422	2128422	2128430	-	4	9	ATG	TGA	0	0	
mORF_-_2128446	2128446	2128619	-	4	174	TTG	TGA	0	0	
mORF_-_2128592	2128592	2128609	-	6	18	GTG	TAA	0	0	
mORF_-_2128626	2128626	2128721	-	4	96	TTG	TGA	0	0	
mORF_-_2128725	2128725	2128733	-	4	9	TTG	TAG	0	0	
mORF_-_2128761	2128761	2128823	-	4	63	TTG	TAG	0	0	
mORF_-_2128877	2128877	2130094	-	6	1218	ATG	TAG	0	0	
mORF_-_2129002	2129002	2129094	-	5	93	TTG	TAA	0	0	
mORF_-_2129095	2129095	2129124	-	5	30	GTG	TGA	0	0	
mORF_-_2129121	2129121	2129126	-	4	6	GTG	TGA	0	0	
mORF_-_2129131	2129131	2129172	-	5	42	ATG	TGA	0	0	
mORF_-_2129194	2129194	2129280	-	5	87	TTG	TGA	0	0	
mORF_-_2129299	2129299	2129586	-	5	288	TTG	TGA	0	0	
mORF_-_2129439	2129439	2129456	-	4	18	TTG	TAA	0	0	
mORF_-_2129604	2129604	2129651	-	4	48	TTG	TAA	0	0	
mORF_-_2129608	2129608	2129682	-	5	75	GTG	TAA	0	0	
mORF_-_2129724	2129724	2129747	-	4	24	TTG	TAA	0	0	
mORF_-_2129770	2129770	2129892	-	5	123	TTG	TAA	0	0	
mORF_-_2129908	2129908	2130021	-	5	114	GTG	TGA	0	0	
mORF_-_2130034	2130034	2130075	-	5	42	ATG	TAG	0	0	
mORF_-_2130091	2130091	2130579	-	5	489	ATG	TGA	1	0	pORF_-_2130091
mORF_-_2130105	2130105	2130317	-	4	213	ATG	TGA	0	0	
mORF_-_2130203	2130203	2130259	-	6	57	ATG	TGA	0	0	
mORF_-_2130342	2130342	2130524	-	4	183	TTG	TGA	0	0	
mORF_-_2130404	2130404	2130601	-	6	198	ATG	TGA	0	0	
mORF_-_2130582	2130582	2131421	-	4	840	ATG	TAA	0	0	
mORF_-_2130656	2130656	2130793	-	6	138	GTG	TGA	0	0	
mORF_-_2130790	2130790	2131047	-	5	258	TTG	TGA	0	0	
mORF_-_2130893	2130893	2130955	-	6	63	TTG	TGA	0	0	
mORF_-_2131093	2131093	2131131	-	5	39	ATG	TAA	0	0	
mORF_-_2131112	2131112	2131300	-	6	189	ATG	TGA	0	0	
mORF_-_2131189	2131189	2131203	-	5	15	GTG	TAA	0	0	
mORF_-_2131213	2131213	2131296	-	5	84	TTG	TAA	0	0	
mORF_-_2131486	2131486	2131554	-	5	69	ATG	TAG	0	0	
mORF_-_2131514	2131514	2133712	-	6	2199	GTG	TAA	0	0	
mORF_-_2131606	2131606	2131629	-	5	24	TTG	TGA	0	0	
mORF_-_2131657	2131657	2131674	-	5	18	ATG	TGA	0	0	
mORF_-_2131687	2131687	2131725	-	5	39	ATG	TAA	0	0	
mORF_-_2131729	2131729	2131755	-	5	27	TTG	TGA	0	0	
mORF_-_2131756	2131756	2131770	-	5	15	ATG	TGA	0	0	
mORF_-_2131789	2131789	2131803	-	5	15	TTG	TGA	0	0	
mORF_-_2131858	2131858	2131917	-	5	60	TTG	TGA	0	0	
mORF_-_2131918	2131918	2131938	-	5	21	ATG	TGA	0	0	

mORF_-_2132026	2132026	2132064	-	5	39	TTG	TGA	0	0
mORF_-_2132089	2132089	2132097	-	5	9	ATG	TGA	0	0
mORF_-_2132113	2132113	2132352	-	5	240	GTG	TGA	0	0
mORF_-_2132238	2132238	2132255	-	4	18	ATG	TGA	0	0
mORF_-_2132368	2132368	2132376	-	5	9	TTG	TGA	0	0
mORF_-_2132416	2132416	2132460	-	5	45	ATG	TGA	0	0
mORF_-_2132506	2132506	2132544	-	5	39	ATG	TGA	0	0
mORF_-_2132551	2132551	2132562	-	5	12	TTG	TGA	0	0
mORF_-_2132716	2132716	2132727	-	5	12	ATG	TGA	0	0
mORF_-_2132734	2132734	2132805	-	5	72	ATG	TGA	0	0
mORF_-_2132806	2132806	2132970	-	5	165	GTG	TGA	0	0
mORF_-_2133046	2133046	2133111	-	5	66	TTG	TGA	0	0
mORF_-_2133184	2133184	2133213	-	5	30	ATG	TGA	0	0
mORF_-_2133292	2133292	2133312	-	5	21	GTG	TGA	0	0
mORF_-_2133337	2133337	2133378	-	5	42	TTG	TGA	0	0
mORF_-_2133436	2133436	2133450	-	5	15	TTG	TAG	0	0
mORF_-_2133460	2133460	2133573	-	5	114	TTG	TAG	0	0
mORF_-_2133507	2133507	2133581	-	4	75	GTG	TAG	0	0
mORF_-_2133574	2133574	2133633	-	5	60	GTG	TGA	0	0
mORF_-_2133640	2133640	2133654	-	5	15	ATG	TAA	0	0
mORF_-_2133679	2133679	2134122	-	5	444	ATG	TAA	0	0
mORF_-_2133696	2133696	2133812	-	4	117	TTG	TGA	0	0
mORF_-_2133788	2133788	2133793	-	6	6	ATG	TGA	0	0
mORF_-_2133797	2133797	2133907	-	6	111	GTG	TAA	0	0
mORF_-_2133888	2133888	2133932	-	4	45	GTG	TGA	0	0
mORF_-_2133995	2133995	2134084	-	6	90	TTG	TAA	0	0
mORF_-_2134032	2134032	2134103	-	4	72	TTG	TGA	0	0
mORF_-_2134128	2134128	2135267	-	4	1140	ATG	TAA	0	0
mORF_-_2134160	2134160	2134174	-	6	15	GTG	TGA	0	0
mORF_-_2134202	2134202	2134252	-	6	51	ATG	TGA	0	0
mORF_-_2134280	2134280	2134327	-	6	48	TTG	TGA	0	0
mORF_-_2134355	2134355	2134372	-	6	18	TTG	TGA	0	0
mORF_-_2134397	2134397	2134417	-	6	21	ATG	TGA	0	0
mORF_-_2134478	2134478	2134486	-	6	9	GTG	TGA	0	0
mORF_-_2134490	2134490	2134495	-	6	6	TTG	TGA	0	0
mORF_-_2134502	2134502	2134513	-	6	12	ATG	TGA	0	0
mORF_-_2134580	2134580	2134615	-	6	36	ATG	TGA	0	0
mORF_-_2134655	2134655	2134663	-	6	9	GTG	TGA	0	0
mORF_-_2134811	2134811	2134831	-	6	21	GTG	TAG	0	0
mORF_-_2134859	2134859	2135035	-	6	177	GTG	TAG	0	0
mORF_-_2135060	2135060	2135089	-	6	30	TTG	TAG	0	0
mORF_-_2135102	2135102	2135116	-	6	15	ATG	TGA	0	0
mORF_-_2135140	2135140	2135208	-	5	69	TTG	TGA	0	0
mORF_-_2135264	2135264	2135332	-	6	69	GTG	TGA	0	0
mORF_-_2135278	2135278	2135334	-	5	57	ATG	TGA	0	0
mORF_-_2135346	2135346	2135396	-	4	51	ATG	TAA	0	0
mORF_-_2135404	2135404	2135448	-	5	45	GTG	TAG	0	0
mORF_-_2135420	2135420	2135440	-	6	21	ATG	TGA	0	0
mORF_-_2135433	2135433	2135477	-	4	45	TTG	TGA	0	0
mORF_-_2135471	2135471	2135482	-	6	12	GTG	TAG	0	0
mORF_-_2135487	2135487	2135516	-	4	30	ATG	TAA	0	0
mORF_-_2135492	2135492	2135503	-	6	12	GTG	TAA	0	0
mORF_-_2135500	2135500	2135643	-	5	144	TTG	TGA	0	0
mORF_-_2135510	2135510	2135692	-	6	183	ATG	TGA	0	0
mORF_-_2135625	2135625	2135651	-	4	27	TTG	TAG	0	0
mORF_-_2135682	2135682	2135786	-	4	105	GTG	TAA	0	0
mORF_-_2135689	2135689	2135751	-	5	63	ATG	TGA	0	0
mORF_-_2135717	2135717	2135728	-	6	12	TTG	TAA	0	0
mORF_-_2135732	2135732	2135749	-	6	18	GTG	TAA	0	0
mORF_-_2135789	2135789	2135857	-	6	69	ATG	TAA	0	0
mORF_-_2135794	2135794	2135904	-	5	111	TTG	TGA	0	0
mORF_-_2135820	2135820	2136134	-	4	315	GTG	TGA	0	0
mORF_-_2135870	2135870	2135893	-	6	24	ATG	TAA	0	0

mORF_-_2136014	2136014	2136064	-	6	51	GTG	TAA	0	0	
mORF_-_2136068	2136068	2136118	-	6	51	TTG	TAA	0	0	
mORF_-_2136115	2136115	2136144	-	5	30	TTG	TGA	0	0	
mORF_-_2136141	2136141	2136443	-	4	303	TTG	TGA	0	0	
mORF_-_2136187	2136187	2136318	-	5	132	TTG	TAA	0	0	
mORF_-_2136221	2136221	2136346	-	6	126	GTG	TGA	0	0	
mORF_-_2136352	2136352	2136384	-	5	33	ATG	TGA	0	0	
mORF_-_2136448	2136448	2136471	-	5	24	GTG	TAA	0	0	
mORF_-_2136468	2136468	2136551	-	4	84	ATG	TGA	0	0	
mORF_-_2136493	2136493	2136981	-	5	489	GTG	TAA	0	0	
mORF_-_2136561	2136561	2136608	-	4	48	TTG	TAG	0	0	
mORF_-_2136609	2136609	2136743	-	4	135	ATG	TGA	0	0	
mORF_-_2136753	2136753	2136878	-	4	126	TTG	TGA	0	0	
mORF_-_2136978	2136978	2137187	-	4	210	ATG	TGA	1	5	pORF_-_2136978
mORF_-_2136994	2136994	2136999	-	5	6	TTG	TAG	0	0	
mORF_-_2137022	2137022	2137165	-	6	144	ATG	TGA	0	0	
mORF_-_2137078	2137078	2137116	-	5	39	GTG	TAA	0	0	
mORF_-_2137175	2137175	2137384	-	6	210	TTG	TGA	0	0	
mORF_-_2137198	2137198	2137446	-	5	249	ATG	TAA	0	0	
mORF_-_2137338	2137338	2137346	-	4	9	ATG	TGA	0	0	
mORF_-_2137466	2137466	2137531	-	6	66	TTG	TAA	0	0	
mORF_-_2137519	2137519	2137566	-	5	48	ATG	TGA	0	0	
mORF_-_2137524	2137524	2137619	-	4	96	GTG	TAA	0	0	
mORF_-_2137574	2137574	2137633	-	6	60	GTG	TAA	0	0	
mORF_-_2137630	2137630	2137668	-	5	39	TTG	TGA	0	0	
mORF_-_2137665	2137665	2137721	-	4	57	GTG	TGA	0	0	
mORF_-_2137691	2137691	2137774	-	6	84	GTG	TAA	0	0	
mORF_-_2137783	2137783	2139636	-	5	1854	ATG	TAG	9	21	pORF_-_2137783
mORF_-_2137806	2137806	2137853	-	4	48	ATG	TGA	0	0	
mORF_-_2137854	2137854	2137940	-	4	87	ATG	TGA	0	0	
mORF_-_2137968	2137968	2137979	-	4	12	TTG	TGA	0	0	
mORF_-_2137980	2137980	2138024	-	4	45	TTG	TGA	0	0	
mORF_-_2138115	2138115	2138126	-	4	12	ATG	TGA	0	0	
mORF_-_2138136	2138136	2138159	-	4	24	TTG	TGA	0	0	
mORF_-_2138166	2138166	2138177	-	4	12	TTG	TGA	0	0	
mORF_-_2138193	2138193	2138207	-	4	15	ATG	TGA	0	0	
mORF_-_2138268	2138268	2138318	-	4	51	ATG	TGA	0	0	
mORF_-_2138319	2138319	2138342	-	4	24	GTG	TAG	0	0	
mORF_-_2138391	2138391	2138411	-	4	21	TTG	TGA	0	0	
mORF_-_2138448	2138448	2138492	-	4	45	GTG	TAA	0	0	
mORF_-_2138544	2138544	2138561	-	4	18	ATG	TGA	0	0	
mORF_-_2138571	2138571	2138759	-	4	189	TTG	TGA	0	0	
mORF_-_2138756	2138756	2138794	-	6	39	ATG	TGA	0	0	
mORF_-_2138832	2138832	2138846	-	4	15	ATG	TAA	0	0	
mORF_-_2138853	2138853	2138978	-	4	126	TTG	TGA	0	0	
mORF_-_2138882	2138882	2138899	-	6	18	GTG	TAA	0	0	
mORF_-_2138988	2138988	2139014	-	4	27	ATG	TAA	0	0	
mORF_-_2139015	2139015	2139089	-	4	75	GTG	TAG	0	0	
mORF_-_2139135	2139135	2139272	-	4	138	GTG	TGA	0	0	
mORF_-_2139200	2139200	2139211	-	6	12	ATG	TGA	0	0	
mORF_-_2139351	2139351	2139551	-	4	201	ATG	TGA	0	0	
mORF_-_2139452	2139452	2139475	-	6	24	TTG	TAG	0	0	
mORF_-_2139633	2139633	2139647	-	4	15	TTG	TGA	0	0	
mORF_-_2139658	2139658	2140239	-	5	582	ATG	TAA	7	19	pORF_-_2139658
mORF_-_2139681	2139681	2139761	-	4	81	TTG	TAG	0	0	
mORF_-_2139765	2139765	2139776	-	4	12	TTG	TGA	0	0	
mORF_-_2139777	2139777	2139836	-	4	60	TTG	TAA	0	0	
mORF_-_2139809	2139809	2139841	-	6	33	TTG	TAA	0	0	
mORF_-_2139963	2139963	2140028	-	4	66	ATG	TGA	0	0	
mORF_-_2140035	2140035	2140046	-	4	12	TTG	TGA	0	0	
mORF_-_2140056	2140056	2140064	-	4	9	ATG	TGA	0	0	
mORF_-_2140077	2140077	2140244	-	4	168	ATG	TGA	0	0	
mORF_-_2140226	2140226	2140264	-	6	39	GTG	TGA	0	0	

mORF_-_2140261	2140261	2140278	-	5	18	TTG	TGA	0	0	
mORF_-_2140279	2140279	2140293	-	5	15	ATG	TAA	0	0	
mORF_-_2140284	2140284	2140328	-	4	45	TTG	TGA	0	0	
mORF_-_2140295	2140295	2140318	-	6	24	GTG	TAG	0	0	
mORF_-_2140303	2140303	2140338	-	5	36	TTG	TGA	0	0	
mORF_-_2140331	2140331	2141035	-	6	705	TTG	TAA	13	74	pORF_-_2140331
mORF_-_2140360	2140360	2140434	-	5	75	TTG	TGA	0	0	
mORF_-_2140480	2140480	2140518	-	5	39	GTG	TGA	0	0	
mORF_-_2140534	2140534	2140599	-	5	66	ATG	TGA	0	0	
mORF_-_2140603	2140603	2140647	-	5	45	TTG	TGA	0	0	
mORF_-_2140663	2140663	2140704	-	5	42	TTG	TGA	0	0	
mORF_-_2140720	2140720	2140740	-	5	21	TTG	TGA	0	0	
mORF_-_2140843	2140843	2140902	-	5	60	TTG	TAA	0	0	
mORF_-_2140881	2140881	2140952	-	4	72	GTG	TGA	0	0	
mORF_-_2141001	2141001	2141105	-	4	105	TTG	TAA	0	0	
mORF_-_2141036	2141036	2141122	-	6	87	TTG	TAA	0	0	
mORF_-_2141158	2141158	2141175	-	5	18	TTG	TAA	0	0	
mORF_-_2141187	2141187	2141213	-	4	27	ATG	TAA	0	0	
mORF_-_2141192	2141192	2141305	-	6	114	GTG	TGA	0	0	
mORF_-_2141197	2141197	2141301	-	5	105	TTG	TAA	0	0	
mORF_-_2141235	2141235	2141297	-	4	63	TTG	TAG	0	0	
mORF_-_2141302	2141302	2141310	-	5	9	ATG	TGA	0	0	
mORF_-_2141314	2141314	2141343	-	5	30	GTG	TAA	0	0	
mORF_-_2141340	2141340	2141447	-	4	108	ATG	TGA	0	0	
mORF_-_2141359	2141359	2141469	-	5	111	ATG	TAA	0	0	
mORF_-_2141375	2141375	2141425	-	6	51	GTG	TAA	0	0	
mORF_-_2141444	2141444	2141527	-	6	84	ATG	TGA	0	0	
mORF_-_2141460	2141460	2141783	-	4	324	ATG	TAA	0	0	
mORF_-_2141576	2141576	2141674	-	6	99	GTG	TGA	0	0	
mORF_-_2141611	2141611	2141646	-	5	36	TTG	TAG	0	0	
mORF_-_2141747	2141747	2141797	-	6	51	GTG	TGA	0	0	
mORF_-_2141815	2141815	2141844	-	5	30	ATG	TAA	0	0	
mORF_-_2141819	2141819	2141854	-	6	36	GTG	TAA	0	0	
mORF_-_2141829	2141829	2142275	-	4	447	TTG	TAG	0	0	
mORF_-_2141888	2141888	2141893	-	6	6	GTG	TGA	0	0	
mORF_-_2141899	2141899	2142090	-	5	192	ATG	TAA	0	0	
mORF_-_2141945	2141945	2141983	-	6	39	GTG	TAA	0	0	
mORF_-_2142100	2142100	2142198	-	5	99	GTG	TAG	0	0	
mORF_-_2142238	2142238	2142372	-	5	135	TTG	TAA	0	0	
mORF_-_2142303	2142303	2142326	-	4	24	GTG	TGA	0	0	
mORF_-_2142330	2142330	2142407	-	4	78	GTG	TGA	0	0	
mORF_-_2142356	2142356	2142475	-	6	120	GTG	TGA	0	0	
mORF_-_2142429	2142429	2142497	-	4	69	GTG	TAG	0	0	
mORF_-_2142472	2142472	2142486	-	5	15	GTG	TGA	0	0	
mORF_-_2142516	2142516	2142560	-	4	45	TTG	TGA	0	0	
mORF_-_2142538	2142538	2142777	-	5	240	TTG	TAG	0	0	
mORF_-_2142561	2142561	2142899	-	4	339	TTG	TGA	0	0	
mORF_-_2142644	2142644	2142688	-	6	45	GTG	TAA	0	0	
mORF_-_2142692	2142692	2142781	-	6	90	GTG	TGA	0	0	
mORF_-_2142778	2142778	2142963	-	5	186	GTG	TGA	0	0	
mORF_-_2142926	2142926	2142937	-	6	12	ATG	TAA	0	0	
mORF_-_2142942	2142942	2143142	-	4	201	ATG	TGA	0	0	
mORF_-_2143075	2143075	2143104	-	5	30	ATG	TAA	0	0	
mORF_-_2143106	2143106	2143162	-	6	57	GTG	TAA	0	0	
mORF_-_2143143	2143143	2143157	-	4	15	GTG	TAA	0	0	
mORF_-_2143159	2143159	2143224	-	5	66	ATG	TGA	0	0	
mORF_-_2143224	2143224	2143262	-	4	39	TTG	TAA	0	0	
mORF_-_2143284	2143284	2143307	-	4	24	TTG	TGA	0	0	
mORF_-_2143292	2143292	2143420	-	6	129	GTG	TAA	0	0	
mORF_-_2143300	2143300	2143488	-	5	189	ATG	TGA	0	0	
mORF_-_2143326	2143326	2143364	-	4	39	TTG	TAG	0	0	
mORF_-_2143422	2143422	2143640	-	4	219	ATG	TGA	0	0	
mORF_-_2143594	2143594	2143917	-	5	324	GTG	TAG	0	0	

mORF_-_2143631	2143631	2143636	-	6	6	GTG	TAG	0	0
mORF_-_2143662	2143662	2143733	-	4	72	TTG	TGA	0	0
mORF_-_2143712	2143712	2143840	-	6	129	GTG	TAA	0	0
mORF_-_2143776	2143776	2143787	-	4	12	TTG	TAA	0	0
mORF_-_2143886	2143886	2143969	-	6	84	GTG	TAA	0	0
mORF_-_2143896	2143896	2144162	-	4	267	GTG	TGA	0	0
mORF_-_2143966	2143966	2144073	-	5	108	GTG	TGA	0	0
mORF_-_2143997	2143997	2144014	-	6	18	ATG	TAA	0	0
mORF_-_2144042	2144042	2144212	-	6	171	GTG	TAA	0	0
mORF_-_2144218	2144218	2144223	-	5	6	ATG	TAA	0	0
mORF_-_2144248	2144248	2144328	-	5	81	TTG	TAA	0	0
mORF_-_2144253	2144253	2144336	-	4	84	TTG	TGA	0	0
mORF_-_2144361	2144361	2144393	-	4	33	TTG	TAA	0	0
mORF_-_2144383	2144383	2144445	-	5	63	GTG	TAA	0	0
mORF_-_2144448	2144448	2144519	-	4	72	ATG	TGA	0	0
mORF_-_2144494	2144494	2144622	-	5	129	ATG	TAA	0	0
mORF_-_2144600	2144600	2144719	-	6	120	ATG	TAA	0	0
mORF_-_2144656	2144656	2144697	-	5	42	GTG	TAG	0	0
mORF_-_2144667	2144667	2144798	-	4	132	ATG	TGA	0	0
mORF_-_2144716	2144716	2145564	-	5	849	ATG	TGA	0	0
mORF_-_2144844	2144844	2144897	-	4	54	TTG	TGA	0	0
mORF_-_2144946	2144946	2144963	-	4	18	ATG	TGA	0	0
mORF_-_2144976	2144976	2145005	-	4	30	ATG	TGA	0	0
mORF_-_2145057	2145057	2145140	-	4	84	ATG	TAA	0	0
mORF_-_2145198	2145198	2145236	-	4	39	GTG	TAG	0	0
mORF_-_2145270	2145270	2145320	-	4	51	TTG	TAG	0	0
mORF_-_2145305	2145305	2145310	-	6	6	ATG	TAA	0	0
mORF_-_2145317	2145317	2145346	-	6	30	GTG	TGA	0	0
mORF_-_2145330	2145330	2145356	-	4	27	TTG	TGA	0	0
mORF_-_2145363	2145363	2145374	-	4	12	GTG	TAG	0	0
mORF_-_2145420	2145420	2145488	-	4	69	GTG	TGA	0	0
mORF_-_2145452	2145452	2145526	-	6	75	GTG	TAG	0	0
mORF_-_2145492	2145492	2145536	-	4	45	ATG	TGA	0	0
mORF_-_2145552	2145552	2145581	-	4	30	ATG	TGA	0	0
mORF_-_2145574	2145574	2145594	-	5	21	ATG	TAA	0	0
mORF_-_2145578	2145578	2145685	-	6	108	ATG	TGA	0	0
mORF_-_2145604	2145604	2145666	-	5	63	GTG	TGA	0	0
mORF_-_2145702	2145702	2145728	-	4	27	TTG	TAA	0	0
mORF_-_2145715	2145715	2145792	-	5	78	GTG	TAA	0	0
mORF_-_2145734	2145734	2145766	-	6	33	ATG	TGA	0	0
mORF_-_2145744	2145744	2145821	-	4	78	TTG	TGA	0	0
mORF_-_2145803	2145803	2145859	-	6	57	ATG	TGA	0	0
mORF_-_2145913	2145913	2146107	-	5	195	ATG	TAA	0	0
mORF_-_2145939	2145939	2146127	-	4	189	GTG	TAA	0	0
mORF_-_2146049	2146049	2146216	-	6	168	TTG	TAA	0	0
mORF_-_2146147	2146147	2146206	-	5	60	GTG	TGA	0	0
mORF_-_2146170	2146170	2146202	-	4	33	TTG	TGA	0	0
mORF_-_2146251	2146251	2146370	-	4	120	ATG	TGA	0	0
mORF_-_2146297	2146297	2146308	-	5	12	GTG	TAA	0	0
mORF_-_2146367	2146367	2146432	-	6	66	GTG	TGA	0	0
mORF_-_2146429	2146429	2146572	-	5	144	TTG	TGA	0	0
mORF_-_2146479	2146479	2146496	-	4	18	GTG	TAA	0	0
mORF_-_2146597	2146597	2146611	-	5	15	TTG	TAG	0	0
mORF_-_2146623	2146623	2146769	-	4	147	GTG	TAA	0	0
mORF_-_2146699	2146699	2146785	-	5	87	TTG	TAG	0	0
mORF_-_2146766	2146766	2146867	-	6	102	TTG	TGA	0	0
mORF_-_2146830	2146830	2146841	-	4	12	GTG	TGA	0	0
mORF_-_2146906	2146906	2147010	-	5	105	GTG	TAG	0	0
mORF_-_2147007	2147007	2147024	-	4	18	GTG	TGA	0	0
mORF_-_2147063	2147063	2149009	-	6	1947	ATG	TGA	0	0
mORF_-_2147128	2147128	2147154	-	5	27	ATG	TGA	0	0
mORF_-_2147260	2147260	2147298	-	5	39	GTG	TAA	0	0
mORF_-_2147329	2147329	2147343	-	5	15	TTG	TGA	0	0

mORF_-_2147350	2147350	2147508	-	5	159	ATG	TGA	0	0
mORF_-_2147632	2147632	2147673	-	5	42	GTG	TAG	0	0
mORF_-_2147670	2147670	2147786	-	4	117	TTG	TGA	0	0
mORF_-_2147710	2147710	2147820	-	5	111	TTG	TGA	0	0
mORF_-_2147929	2147929	2148030	-	5	102	GTG	TGA	0	0
mORF_-_2148018	2148018	2148035	-	4	18	GTG	TAA	0	0
mORF_-_2148042	2148042	2148128	-	4	87	GTG	TGA	0	0
mORF_-_2148046	2148046	2148066	-	5	21	ATG	TGA	0	0
mORF_-_2148121	2148121	2148201	-	5	81	GTG	TAG	0	0
mORF_-_2148241	2148241	2148360	-	5	120	TTG	TAA	0	0
mORF_-_2148376	2148376	2148531	-	5	156	TTG	TAA	0	0
mORF_-_2148417	2148417	2148485	-	4	69	ATG	TGA	0	0
mORF_-_2148577	2148577	2148666	-	5	90	GTG	TAA	0	0
mORF_-_2148582	2148582	2148668	-	4	87	TTG	TGA	0	0
mORF_-_2148742	2148742	2148804	-	5	63	ATG	TGA	0	0
mORF_-_2148808	2148808	2148846	-	5	39	TTG	TGA	0	0
mORF_-_2148859	2148859	2148960	-	5	102	TTG	TAA	0	0
mORF_-_2148967	2148967	2148975	-	5	9	GTG	TGA	0	0
mORF_-_2149006	2149006	2149092	-	5	87	GTG	TGA	0	0
mORF_-_2149031	2149031	2149054	-	6	24	TTG	TAA	0	0
mORF_-_2149055	2149055	2149165	-	6	111	GTG	TAG	0	0
mORF_-_2149093	2149093	2149137	-	5	45	TTG	TGA	0	0
mORF_-_2149185	2149185	2149190	-	4	6	TTG	TAG	0	0
mORF_-_2149281	2149281	2149433	-	4	153	ATG	TAA	0	0
mORF_-_2149295	2149295	2149399	-	6	105	TTG	TAA	0	0
mORF_-_2149415	2149415	2149453	-	6	39	GTG	TGA	0	0
mORF_-_2149454	2149454	2149540	-	6	87	TTG	TAA	0	0
mORF_-_2149504	2149504	2149509	-	5	6	TTG	TAA	0	0
mORF_-_2149595	2149595	2149621	-	6	27	GTG	TAA	0	0
mORF_-_2149618	2149618	2149656	-	5	39	TTG	TGA	0	0
mORF_-_2149671	2149671	2149775	-	4	105	ATG	TGA	0	0
mORF_-_2149691	2149691	2149747	-	6	57	GTG	TAA	0	0
mORF_-_2149735	2149735	2150496	-	5	762	GTG	TGA	0	0
mORF_-_2149815	2149815	2149895	-	4	81	ATG	TAA	0	0
mORF_-_2149917	2149917	2150006	-	4	90	ATG	TAA	0	0
mORF_-_2150028	2150028	2150045	-	4	18	GTG	TGA	0	0
mORF_-_2150088	2150088	2150111	-	4	24	TTG	TAG	0	0
mORF_-_2150145	2150145	2150168	-	4	24	TTG	TGA	0	0
mORF_-_2150181	2150181	2150207	-	4	27	TTG	TAG	0	0
mORF_-_2150226	2150226	2150396	-	4	171	ATG	TGA	0	0
mORF_-_2150393	2150393	2150596	-	6	204	GTG	TGA	0	0
mORF_-_2150397	2150397	2150477	-	4	81	ATG	TAA	0	0
mORF_-_2150493	2150493	2151152	-	4	660	ATG	TGA	0	0
mORF_-_2150654	2150654	2150761	-	6	108	ATG	TGA	0	0
mORF_-_2150698	2150698	2150742	-	5	45	GTG	TAA	0	0
mORF_-_2150743	2150743	2150781	-	5	39	GTG	TGA	0	0
mORF_-_2150768	2150768	2150818	-	6	51	GTG	TGA	0	0
mORF_-_2150831	2150831	2150938	-	6	108	ATG	TAG	0	0
mORF_-_2150954	2150954	2150959	-	6	6	TTG	TGA	0	0
mORF_-_2150978	2150978	2151040	-	6	63	ATG	TAA	0	0
mORF_-_2151049	2151049	2151096	-	5	48	TTG	TAG	0	0
mORF_-_2151056	2151056	2151133	-	6	78	TTG	TGA	0	0
mORF_-_2151149	2151149	2151193	-	6	45	ATG	TGA	0	0
mORF_-_2151174	2151174	2151221	-	4	48	TTG	TAA	0	0
mORF_-_2151190	2151190	2151204	-	5	15	TTG	TGA	0	0
mORF_-_2151267	2151267	2151305	-	4	39	GTG	TAG	0	0
mORF_-_2151305	2151305	2151322	-	6	18	ATG	TAG	0	0
mORF_-_2151373	2151373	2151432	-	5	60	ATG	TAA	0	0
mORF_-_2151482	2151482	2151502	-	6	21	ATG	TGA	0	0
mORF_-_2151539	2151539	2151640	-	6	102	TTG	TAG	0	0
mORF_-_2151571	2151571	2151591	-	5	21	TTG	TAA	0	0
mORF_-_2151618	2151618	2151623	-	4	6	TTG	TAG	0	0
mORF_-_2151643	2151643	2151657	-	5	15	ATG	TAA	0	0

mORF_-_2151705	2151705	2151761	-	4	57	ATG	TAA	0	0
mORF_-_2151810	2151810	2151851	-	4	42	ATG	TGA	0	0
mORF_-_2151835	2151835	2151855	-	5	21	TTG	TAA	0	0
mORF_-_2151867	2151867	2151932	-	4	66	ATG	TAG	0	0
mORF_-_2151899	2151899	2151919	-	6	21	TTG	TAA	0	0
mORF_-_2151929	2151929	2151958	-	6	30	ATG	TGA	0	0
mORF_-_2151955	2151955	2151969	-	5	15	ATG	TGA	0	0
mORF_-_2151990	2151990	2152004	-	4	15	ATG	TAG	0	0
mORF_-_2152034	2152034	2152174	-	6	141	TTG	TAA	0	0
mORF_-_2152051	2152051	2152128	-	5	78	TTG	TAA	0	0
mORF_-_2152086	2152086	2152214	-	4	129	ATG	TAA	0	0
mORF_-_2152214	2152214	2152330	-	6	117	TTG	TAA	0	0
mORF_-_2152261	2152261	2152467	-	5	207	TTG	TAA	0	0
mORF_-_2152340	2152340	2152345	-	6	6	ATG	TAA	0	0
mORF_-_2152407	2152407	2152505	-	4	99	TTG	TGA	0	0
mORF_-_2152418	2152418	2152735	-	6	318	ATG	TAA	0	0
mORF_-_2152492	2152492	2152896	-	5	405	GTG	TGA	0	0
mORF_-_2152575	2152575	2152592	-	4	18	TTG	TAA	0	0
mORF_-_2152632	2152632	2152640	-	4	9	GTG	TAA	0	0
mORF_-_2152874	2152874	2152885	-	6	12	TTG	TAG	0	0
mORF_-_2152908	2152908	2152922	-	4	15	GTG	TAA	0	0
mORF_-_2152933	2152933	2152956	-	5	24	TTG	TGA	0	0
mORF_-_2152957	2152957	2153106	-	5	150	ATG	TGA	0	0
mORF_-_2152965	2152965	2153015	-	4	51	TTG	TAA	0	0
mORF_-_2152979	2152979	2153089	-	6	111	ATG	TAA	0	0
mORF_-_2153116	2153116	2153250	-	5	135	GTG	TGA	0	0
mORF_-_2153229	2153229	2153357	-	4	129	GTG	TAG	0	0
mORF_-_2153436	2153436	2153447	-	4	12	ATG	TAG	0	0
mORF_-_2153448	2153448	2153459	-	4	12	GTG	TGA	0	0
mORF_-_2153463	2153463	2153663	-	4	201	TTG	TAG	0	0
mORF_-_2153512	2153512	2153562	-	5	51	TTG	TAG	0	0
mORF_-_2153585	2153585	2153608	-	6	24	ATG	TGA	0	0
mORF_-_2153697	2153697	2153759	-	4	63	ATG	TAA	0	0
mORF_-_2153744	2153744	2153752	-	6	9	TTG	TGA	0	0
mORF_-_2153749	2153749	2154021	-	5	273	TTG	TGA	0	0
mORF_-_2153853	2153853	2153876	-	4	24	TTG	TGA	0	0
mORF_-_2153886	2153886	2154050	-	4	165	ATG	TGA	0	0
mORF_-_2153951	2153951	2153962	-	6	12	TTG	TAA	0	0
mORF_-_2154043	2154043	2154105	-	5	63	TTG	TAG	0	0
mORF_-_2154047	2154047	2154094	-	6	48	TTG	TGA	0	0
mORF_-_2154054	2154054	2154155	-	4	102	ATG	TAG	0	0
mORF_-_2154168	2154168	2154290	-	4	123	TTG	TGA	0	0
mORF_-_2154191	2154191	2154229	-	6	39	GTG	TAA	0	0
mORF_-_2154233	2154233	2154301	-	6	69	ATG	TGA	0	0
mORF_-_2154315	2154315	2154353	-	4	39	ATG	TGA	0	0
mORF_-_2154360	2154360	2154542	-	4	183	ATG	TAG	0	0
mORF_-_2154440	2154440	2154463	-	6	24	TTG	TAA	0	0
mORF_-_2154464	2154464	2154478	-	6	15	GTG	TGA	0	0
mORF_-_2154549	2154549	2154617	-	4	69	ATG	TAG	0	0
mORF_-_2154617	2154617	2154658	-	6	42	GTG	TAA	0	0
mORF_-_2154707	2154707	2154760	-	6	54	GTG	TAA	0	0
mORF_-_2154733	2154733	2154891	-	5	159	ATG	TGA	0	0
mORF_-_2154782	2154782	2154916	-	6	135	GTG	TGA	0	0
mORF_-_2154888	2154888	2154992	-	4	105	ATG	TGA	0	0
mORF_-_2154904	2154904	2155095	-	5	192	TTG	TAA	0	0
mORF_-_2154992	2154992	2155108	-	6	117	ATG	TAA	0	0
mORF_-_2154996	2154996	2155208	-	4	213	ATG	TGA	0	0
mORF_-_2155127	2155127	2155150	-	6	24	GTG	TAG	0	0
mORF_-_2155153	2155153	2155263	-	5	111	TTG	TAA	0	0
mORF_-_2155205	2155205	2155267	-	6	63	TTG	TGA	0	0
mORF_-_2155290	2155290	2155514	-	4	225	TTG	TGA	0	0
mORF_-_2155316	2155316	2155336	-	6	21	GTG	TAA	0	0
mORF_-_2155333	2155333	2155584	-	5	252	GTG	TGA	2	12

pORF_-_2155333

mORF_-_2155346	2155346	2155393	-	6	48	GTG	TGA	0	0	
mORF_-_2155524	2155524	2155541	-	4	18	GTG	TGA	0	0	
mORF_-_2155541	2155541	2155669	-	6	129	TTG	TAG	0	0	
mORF_-_2155551	2155551	2155709	-	4	159	TTG	TGA	0	0	
mORF_-_2155666	2155666	2155956	-	5	291	GTG	TGA	0	0	
mORF_-_2155719	2155719	2155739	-	4	21	ATG	TGA	0	0	
mORF_-_2155761	2155761	2155934	-	4	174	ATG	TAG	2	20	pORF_-_2155761
mORF_-_2155953	2155953	2156138	-	4	186	ATG	TGA	0	0	
mORF_-_2155961	2155961	2156002	-	6	42	GTG	TGA	0	0	
mORF_-_2155978	2155978	2156133	-	5	156	TTG	TAG	0	0	
mORF_-_2156093	2156093	2156155	-	6	63	TTG	TGA	0	0	
mORF_-_2156157	2156157	2156330	-	4	174	GTG	TAG	0	0	
mORF_-_2156272	2156272	2156394	-	5	123	ATG	TAA	0	0	
mORF_-_2156324	2156324	2156365	-	6	42	ATG	TAA	0	0	
mORF_-_2156340	2156340	2156375	-	4	36	TTG	TAA	0	0	
mORF_-_2156391	2156391	2156432	-	4	42	ATG	TGA	0	0	
mORF_-_2156433	2156433	2156747	-	4	315	TTG	TAA	0	0	
mORF_-_2156549	2156549	2156620	-	6	72	GTG	TGA	0	0	
mORF_-_2156617	2156617	2156913	-	5	297	TTG	TGA	0	0	
mORF_-_2156744	2156744	2156824	-	6	81	TTG	TGA	0	0	
mORF_-_2156793	2156793	2156837	-	4	45	GTG	TAG	0	0	
mORF_-_2156834	2156834	2156953	-	6	120	GTG	TGA	0	0	
mORF_-_2156950	2156950	2157084	-	5	135	GTG	TGA	0	0	
mORF_-_2156997	2156997	2157080	-	4	84	GTG	TGA	0	0	
mORF_-_2157081	2157081	2157104	-	4	24	TTG	TGA	0	0	
mORF_-_2157112	2157112	2157150	-	5	39	GTG	TAG	0	0	
mORF_-_2157150	2157150	2157638	-	4	489	ATG	TAG	0	0	
mORF_-_2157287	2157287	2157316	-	6	30	TTG	TAA	0	0	
mORF_-_2157319	2157319	2157417	-	5	99	TTG	TAA	0	0	
mORF_-_2157574	2157574	2157687	-	5	114	TTG	TAA	0	0	
mORF_-_2157593	2157593	2157682	-	6	90	GTG	TAG	0	0	
mORF_-_2157645	2157645	2157929	-	4	285	ATG	TGA	0	0	
mORF_-_2157707	2157707	2157964	-	6	258	GTG	TAA	0	0	
mORF_-_2157850	2157850	2157948	-	5	99	TTG	TAA	0	0	
mORF_-_2157951	2157951	2157980	-	4	30	TTG	TAG	0	0	
mORF_-_2157964	2157964	2158284	-	5	321	TTG	TAG	0	0	
mORF_-_2157981	2157981	2158079	-	4	99	GTG	TGA	0	0	
mORF_-_2158125	2158125	2158250	-	4	126	TTG	TGA	0	0	
mORF_-_2158247	2158247	2158255	-	6	9	GTG	TGA	0	0	
mORF_-_2158286	2158286	2158552	-	6	267	GTG	TAA	0	0	
mORF_-_2158389	2158389	2158454	-	4	66	TTG	TAG	0	0	
mORF_-_2158405	2158405	2158572	-	5	168	TTG	TAA	0	0	
mORF_-_2158530	2158530	2158580	-	4	51	TTG	TAA	0	0	
mORF_-_2158588	2158588	2158764	-	5	177	TTG	TAA	0	0	
mORF_-_2158605	2158605	2158625	-	4	21	ATG	TGA	0	0	
mORF_-_2158674	2158674	2158730	-	4	57	TTG	TAG	0	0	
mORF_-_2158754	2158754	2158780	-	6	27	GTG	TAG	0	0	
mORF_-_2158780	2158780	2158794	-	5	15	ATG	TAG	0	0	
mORF_-_2158794	2158794	2158994	-	4	201	GTG	TGA	0	0	
mORF_-_2158801	2158801	2159037	-	5	237	ATG	TAA	0	0	
mORF_-_2158826	2158826	2158882	-	6	57	TTG	TAA	0	0	
mORF_-_2159028	2159028	2159639	-	4	612	ATG	TAA	0	0	
mORF_-_2159146	2159146	2159520	-	5	375	TTG	TAA	0	0	
mORF_-_2159546	2159546	2159593	-	6	48	TTG	TAA	0	0	
mORF_-_2159590	2159590	2159631	-	5	42	GTG	TGA	0	0	
mORF_-_2159646	2159646	2159906	-	4	261	GTG	TAA	0	0	
mORF_-_2159741	2159741	2159800	-	6	60	GTG	TAA	0	0	
mORF_-_2159806	2159806	2159880	-	5	75	TTG	TAA	0	0	
mORF_-_2159903	2159903	2159971	-	6	69	ATG	TGA	0	0	
mORF_-_2159908	2159908	2159979	-	5	72	GTG	TAA	0	0	
mORF_-_2159916	2159916	2160029	-	4	114	GTG	TGA	0	0	
mORF_-_2160011	2160011	2160199	-	6	189	GTG	TAA	0	0	
mORF_-_2160048	2160048	2160107	-	4	60	ATG	TAG	0	0	

mORF_-_2160151	2160151	2160381	-	5	231	ATG	TAA	0	0	
mORF_-_2160207	2160207	2160323	-	4	117	ATG	TAA	0	0	
mORF_-_2160332	2160332	2160340	-	6	9	GTG	TAA	0	0	
mORF_-_2160378	2160378	2160419	-	4	42	ATG	TGA	0	0	
mORF_-_2160462	2160462	2160509	-	4	48	GTG	TAA	0	0	
mORF_-_2160546	2160546	2160833	-	4	288	ATG	TAG	0	0	
mORF_-_2160571	2160571	2160684	-	5	114	TTG	TAA	1	3	pORF_-_2160571
mORF_-_2160707	2160707	2160742	-	6	36	GTG	TAG	0	0	
mORF_-_2160739	2160739	2160900	-	5	162	TTG	TGA	0	0	
mORF_-_2160749	2160749	2160772	-	6	24	GTG	TGA	0	0	
mORF_-_2160861	2160861	2161034	-	4	174	ATG	TGA	0	0	
mORF_-_2160872	2160872	2160961	-	6	90	ATG	TAG	0	0	
mORF_-_2161022	2161022	2161120	-	6	99	TTG	TAA	0	0	
mORF_-_2161027	2161027	2161287	-	5	261	GTG	TGA	0	0	
mORF_-_2161050	2161050	2161055	-	4	6	TTG	TAA	0	0	
mORF_-_2161059	2161059	2161094	-	4	36	ATG	TAA	0	0	
mORF_-_2161149	2161149	2161235	-	4	87	TTG	TGA	0	0	
mORF_-_2161232	2161232	2161597	-	6	366	GTG	TGA	0	0	
mORF_-_2161350	2161350	2161394	-	4	45	TTG	TAA	0	0	
mORF_-_2161369	2161369	2161473	-	5	105	GTG	TGA	0	0	
mORF_-_2161464	2161464	2161649	-	4	186	GTG	TAA	0	0	
mORF_-_2161579	2161579	2161599	-	5	21	GTG	TGA	0	0	
mORF_-_2161630	2161630	2161665	-	5	36	ATG	TAA	0	0	
mORF_-_2161646	2161646	2161696	-	6	51	ATG	TGA	0	0	
mORF_-_2161697	2161697	2161768	-	6	72	TTG	TGA	0	0	
mORF_-_2161717	2161717	2161875	-	5	159	ATG	TGA	0	0	
mORF_-_2161740	2161740	2161913	-	4	174	TTG	TAA	0	0	
mORF_-_2161823	2161823	2161975	-	6	153	TTG	TGA	0	0	
mORF_-_2161980	2161980	2162027	-	4	48	TTG	TAA	0	0	
mORF_-_2162000	2162000	2162050	-	6	51	TTG	TAG	0	0	
mORF_-_2162089	2162089	2162208	-	5	120	GTG	TGA	0	0	
mORF_-_2162103	2162103	2162234	-	4	132	ATG	TAG	0	0	
mORF_-_2162126	2162126	2162257	-	6	132	ATG	TAA	0	0	
mORF_-_2162257	2162257	2162379	-	5	123	ATG	TAA	0	0	
mORF_-_2162286	2162286	2162330	-	4	45	GTG	TAA	0	0	
mORF_-_2162309	2162309	2162425	-	6	117	GTG	TAA	0	0	
mORF_-_2162418	2162418	2162642	-	4	225	GTG	TGA	0	0	
mORF_-_2162431	2162431	2162544	-	5	114	ATG	TGA	0	0	
mORF_-_2162477	2162477	2162707	-	6	231	TTG	TAA	0	0	
mORF_-_2162617	2162617	2162685	-	5	69	TTG	TAA	0	0	
mORF_-_2162730	2162730	2162759	-	4	30	ATG	TAA	0	0	
mORF_-_2162756	2162756	2162911	-	6	156	GTG	TGA	0	0	
mORF_-_2162818	2162818	2162859	-	5	42	TTG	TGA	0	0	
mORF_-_2162875	2162875	2162931	-	5	57	TTG	TAG	0	0	
mORF_-_2162913	2162913	2162960	-	4	48	ATG	TAA	0	0	
mORF_-_2162957	2162957	2163034	-	6	78	ATG	TGA	0	0	
mORF_-_2162986	2162986	2163015	-	5	30	ATG	TAA	0	0	
mORF_-_2163059	2163059	2163100	-	6	42	TTG	TGA	0	0	
mORF_-_2163079	2163079	2163087	-	5	9	GTG	TAA	0	0	
mORF_-_2163094	2163094	2163108	-	5	15	ATG	TGA	0	0	
mORF_-_2163108	2163108	2163146	-	4	39	ATG	TAA	0	0	
mORF_-_2163150	2163150	2163203	-	4	54	TTG	TAA	0	0	
mORF_-_2163170	2163170	2163199	-	6	30	TTG	TAA	0	0	
mORF_-_2163200	2163200	2163211	-	6	12	ATG	TGA	0	0	
mORF_-_2163251	2163251	2163298	-	6	48	GTG	TGA	0	0	
mORF_-_2163295	2163295	2163396	-	5	102	TTG	TGA	0	0	
mORF_-_2163308	2163308	2163358	-	6	51	TTG	TAA	0	0	
mORF_-_2163315	2163315	2163476	-	4	162	TTG	TGA	0	0	
mORF_-_2163377	2163377	2163406	-	6	30	TTG	TAG	0	0	
mORF_-_2163410	2163410	2163418	-	6	9	TTG	TAG	0	0	
mORF_-_2163437	2163437	2163538	-	6	102	TTG	TGA	0	0	
mORF_-_2163502	2163502	2163519	-	5	18	TTG	TAA	0	0	
mORF_-_2163546	2163546	2163650	-	4	105	ATG	TAA	0	0	

mORF_-_2163604	2163604	2163609	-	5	6	TTG	TAG	0	0	
mORF_-_2163619	2163619	2163633	-	5	15	GTG	TAA	0	0	
mORF_-_2163650	2163650	2164723	-	6	1074	GTG	TGA	1	6	pORF_-_2163650
mORF_-_2163790	2163790	2163822	-	5	33	TTG	TAA	0	0	
mORF_-_2163835	2163835	2163849	-	5	15	TTG	TGA	0	0	
mORF_-_2163877	2163877	2164152	-	5	276	TTG	TAA	0	0	
mORF_-_2163888	2163888	2163899	-	4	12	GTG	TGA	0	0	
mORF_-_2164186	2164186	2164203	-	5	18	ATG	TGA	0	0	
mORF_-_2164234	2164234	2164473	-	5	240	GTG	TAG	0	0	
mORF_-_2164239	2164239	2164397	-	4	159	TTG	TGA	0	0	
mORF_-_2164474	2164474	2164569	-	5	96	TTG	TAA	0	0	
mORF_-_2164479	2164479	2164598	-	4	120	GTG	TGA	0	0	
mORF_-_2164579	2164579	2164593	-	5	15	GTG	TAG	0	0	
mORF_-_2164603	2164603	2164611	-	5	9	TTG	TAA	0	0	
mORF_-_2164750	2164750	2164917	-	5	168	TTG	TAA	0	0	
mORF_-_2164754	2164754	2165044	-	6	291	GTG	TGA	1	0	pORF_-_2164754
mORF_-_2164926	2164926	2164940	-	4	15	GTG	TAG	0	0	
mORF_-_2164951	2164951	2164992	-	5	42	TTG	TAA	0	0	
mORF_-_2164993	2164993	2165130	-	5	138	ATG	TAA	0	0	
mORF_-_2165088	2165088	2165114	-	4	27	ATG	TAA	0	0	
mORF_-_2165099	2165099	2165182	-	6	84	GTG	TGA	0	0	
mORF_-_2165127	2165127	2165156	-	4	30	ATG	TGA	0	0	
mORF_-_2165206	2165206	2165271	-	5	66	GTG	TAA	0	0	
mORF_-_2165223	2165223	2165237	-	4	15	TTG	TAA	0	0	
mORF_-_2165252	2165252	2165335	-	6	84	GTG	TAA	0	0	
mORF_-_2165262	2165262	2165282	-	4	21	GTG	TGA	0	0	
mORF_-_2165326	2165326	2165607	-	5	282	TTG	TAA	0	0	
mORF_-_2165394	2165394	2165420	-	4	27	ATG	TGA	0	0	
mORF_-_2165417	2165417	2165458	-	6	42	GTG	TGA	0	0	
mORF_-_2165445	2165445	2165519	-	4	75	ATG	TGA	0	0	
mORF_-_2165483	2165483	2165536	-	6	54	TTG	TGA	0	0	
mORF_-_2165586	2165586	2165675	-	4	90	TTG	TAA	0	0	
mORF_-_2165597	2165597	2165629	-	6	33	GTG	TAA	0	0	
mORF_-_2165626	2165626	2165772	-	5	147	GTG	TGA	0	0	
mORF_-_2165759	2165759	2166025	-	6	267	ATG	TAA	0	0	
mORF_-_2165835	2165835	2165840	-	4	6	GTG	TAG	0	0	
mORF_-_2165866	2165866	2165898	-	5	33	ATG	TAG	0	0	
mORF_-_2165914	2165914	2165934	-	5	21	GTG	TGA	0	0	
mORF_-_2165931	2165931	2165987	-	4	57	ATG	TGA	0	0	
mORF_-_2165935	2165935	2165955	-	5	21	GTG	TAA	0	0	
mORF_-_2165965	2165965	2166003	-	5	39	TTG	TAG	0	0	
mORF_-_2165997	2165997	2166023	-	4	27	GTG	TAA	0	0	
mORF_-_2166013	2166013	2166390	-	5	378	ATG	TGA	1	3	pORF_-_2166013
mORF_-_2166033	2166033	2166050	-	4	18	ATG	TGA	0	0	
mORF_-_2166057	2166057	2166062	-	4	6	GTG	TAG	0	0	
mORF_-_2166072	2166072	2166080	-	4	9	TTG	TGA	0	0	
mORF_-_2166081	2166081	2166128	-	4	48	ATG	TAG	0	0	
mORF_-_2166135	2166135	2166149	-	4	15	GTG	TAG	0	0	
mORF_-_2166168	2166168	2166278	-	4	111	GTG	TAG	0	0	
mORF_-_2166266	2166266	2166280	-	6	15	TTG	TAA	0	0	
mORF_-_2166327	2166327	2166335	-	4	9	GTG	TGA	0	0	
mORF_-_2166332	2166332	2166361	-	6	30	GTG	TGA	0	0	
mORF_-_2166365	2166365	2166436	-	6	72	ATG	TAG	0	0	
mORF_-_2166396	2166396	2166464	-	4	69	ATG	TAA	0	0	
mORF_-_2166440	2166440	2166445	-	6	6	ATG	TAG	0	0	
mORF_-_2166474	2166474	2166488	-	4	15	ATG	TGA	0	0	
mORF_-_2166504	2166504	2166521	-	4	18	GTG	TAA	0	0	
mORF_-_2166536	2166536	2166631	-	6	96	ATG	TAA	0	0	
mORF_-_2166561	2166561	2166680	-	4	120	GTG	TAA	0	0	
mORF_-_2166647	2166647	2166664	-	6	18	ATG	TAA	0	0	
mORF_-_2166661	2166661	2166729	-	5	69	ATG	TGA	0	0	
mORF_-_2166696	2166696	2166701	-	4	6	GTG	TAG	0	0	
mORF_-_2166701	2166701	2166715	-	6	15	TTG	TAG	0	0	

mORF_-_2166705	2166705	2166944	-	4	240	ATG	TAG	0	0	
mORF_-_2166716	2166716	2166727	-	6	12	GTG	TGA	0	0	
mORF_-_2166767	2166767	2166808	-	6	42	TTG	TAA	0	0	
mORF_-_2166790	2166790	2166843	-	5	54	ATG	TAG	0	0	
mORF_-_2166851	2166851	2166913	-	6	63	TTG	TGA	0	0	
mORF_-_2166956	2166956	2167084	-	6	129	TTG	TAG	0	0	
mORF_-_2166969	2166969	2167181	-	4	213	GTG	TGA	0	0	
mORF_-_2167012	2167012	2167131	-	5	120	TTG	TAA	0	0	
mORF_-_2167198	2167198	2167236	-	5	39	ATG	TAA	0	0	
mORF_-_2167224	2167224	2167232	-	4	9	ATG	TAA	0	0	
mORF_-_2167240	2167240	2167362	-	5	123	TTG	TAA	0	0	
mORF_-_2167296	2167296	2167322	-	4	27	ATG	TGA	0	0	
mORF_-_2167356	2167356	2167409	-	4	54	ATG	TGA	0	0	
mORF_-_2167378	2167378	2167401	-	5	24	TTG	TAA	0	0	
mORF_-_2167412	2167412	2167447	-	6	36	TTG	TAA	0	0	
mORF_-_2167450	2167450	2167572	-	5	123	ATG	TAA	0	0	
mORF_-_2167478	2167478	2167519	-	6	42	GTG	TAA	0	0	
mORF_-_2167509	2167509	2167529	-	4	21	GTG	TGA	0	0	
mORF_-_2167532	2167532	2167714	-	6	183	TTG	TAA	0	0	
mORF_-_2167717	2167717	2168163	-	5	447	ATG	TAG	0	0	
mORF_-_2167734	2167734	2167868	-	4	135	TTG	TAA	0	0	
mORF_-_2167869	2167869	2167967	-	4	99	TTG	TGA	0	0	
mORF_-_2167971	2167971	2168093	-	4	123	TTG	TAA	0	0	
mORF_-_2168142	2168142	2168210	-	4	69	TTG	TAA	0	0	
mORF_-_2168200	2168200	2168220	-	5	21	GTG	TAA	0	0	
mORF_-_2168225	2168225	2168278	-	6	54	TTG	TAG	0	0	
mORF_-_2168245	2168245	2168259	-	5	15	GTG	TGA	0	0	
mORF_-_2168256	2168256	2168348	-	4	93	ATG	TGA	0	0	
mORF_-_2168275	2168275	2168304	-	5	30	ATG	TGA	0	0	
mORF_-_2168375	2168375	2168392	-	6	18	GTG	TGA	0	0	
mORF_-_2168389	2168389	2168523	-	5	135	TTG	TGA	0	0	
mORF_-_2168397	2168397	2168402	-	4	6	TTG	TAG	0	0	
mORF_-_2168424	2168424	2168699	-	4	276	GTG	TGA	0	0	
mORF_-_2168459	2168459	2168473	-	6	15	GTG	TAG	0	0	
mORF_-_2168513	2168513	2168536	-	6	24	ATG	TAG	0	0	
mORF_-_2168582	2168582	2168602	-	6	21	TTG	TGA	0	0	
mORF_-_2168599	2168599	2168667	-	5	69	TTG	TGA	0	0	
mORF_-_2168654	2168654	2168677	-	6	24	GTG	TGA	0	0	
mORF_-_2168725	2168725	2168757	-	5	33	GTG	TAA	0	0	
mORF_-_2168733	2168733	2168885	-	4	153	GTG	TGA	0	0	
mORF_-_2168794	2168794	2168844	-	5	51	TTG	TAA	0	0	
mORF_-_2168869	2168869	2168883	-	5	15	GTG	TGA	0	0	
mORF_-_2168924	2168924	2169058	-	6	135	ATG	TAA	0	0	
mORF_-_2169007	2169007	2169024	-	5	18	GTG	TGA	0	0	
mORF_-_2169031	2169031	2169054	-	5	24	GTG	TAA	0	0	
mORF_-_2169042	2169042	2169134	-	4	93	GTG	TGA	0	0	
mORF_-_2169124	2169124	2169216	-	5	93	TTG	TAA	0	0	
mORF_-_2169131	2169131	2169136	-	6	6	GTG	TGA	0	0	
mORF_-_2169159	2169159	2169434	-	4	276	ATG	TGA	0	0	
mORF_-_2169298	2169298	2169321	-	5	24	TTG	TGA	0	0	
mORF_-_2169347	2169347	2169409	-	6	63	TTG	TAA	0	0	
mORF_-_2169419	2169419	2169757	-	6	339	ATG	TAA	0	0	
mORF_-_2169490	2169490	2169561	-	5	72	GTG	TAG	0	0	
mORF_-_2169574	2169574	2169708	-	5	135	ATG	TAA	0	0	
mORF_-_2169754	2169754	2169771	-	5	18	TTG	TGA	0	0	
mORF_-_2169758	2169758	2169823	-	6	66	GTG	TAA	0	0	
mORF_-_2169768	2169768	2169842	-	4	75	GTG	TGA	0	0	
mORF_-_2169778	2169778	2169939	-	5	162	GTG	TAG	0	0	
mORF_-_2169857	2169857	2170897	-	6	1041	ATG	TGA	18	226	pORF_-_2169857
mORF_-_2169969	2169969	2170040	-	4	72	TTG	TAA	0	0	
mORF_-_2170054	2170054	2170080	-	5	27	TTG	TGA	0	0	
mORF_-_2170093	2170093	2170152	-	5	60	TTG	TAA	0	0	
mORF_-_2170252	2170252	2170284	-	5	33	GTG	TGA	0	0	

mORF_-_2170317	2170317	2170364	-	4	48	GTG	TAG	0	0	
mORF_-_2170333	2170333	2170422	-	5	90	GTG	TGA	0	0	
mORF_-_2170419	2170419	2170424	-	4	6	TTG	TGA	0	0	
mORF_-_2170432	2170432	2170581	-	5	150	ATG	TAG	0	0	
mORF_-_2170578	2170578	2170625	-	4	48	TTG	TGA	0	0	
mORF_-_2170609	2170609	2170722	-	5	114	ATG	TGA	0	0	
mORF_-_2170732	2170732	2170803	-	5	72	TTG	TAA	0	0	
mORF_-_2170758	2170758	2170787	-	4	30	ATG	TAA	0	0	
mORF_-_2170807	2170807	2170881	-	5	75	ATG	TAA	0	0	
mORF_-_2170878	2170878	2170985	-	4	108	GTG	TGA	0	0	
mORF_-_2170945	2170945	2172300	-	5	1356	ATG	TAA	8	53	pORF_-_2170945
mORF_-_2171016	2171016	2171030	-	4	15	GTG	TGA	0	0	
mORF_-_2171136	2171136	2171177	-	4	42	TTG	TAA	0	0	
mORF_-_2171150	2171150	2171197	-	6	48	GTG	TAA	0	0	
mORF_-_2171208	2171208	2171222	-	4	15	GTG	TGA	0	0	
mORF_-_2171229	2171229	2171342	-	4	114	TTG	TAA	0	0	
mORF_-_2171321	2171321	2171335	-	6	15	TTG	TAA	0	0	
mORF_-_2171367	2171367	2171423	-	4	57	TTG	TGA	0	0	
mORF_-_2171487	2171487	2171495	-	4	9	ATG	TAA	0	0	
mORF_-_2171547	2171547	2171576	-	4	30	ATG	TAA	0	0	
mORF_-_2171610	2171610	2171834	-	4	225	TTG	TGA	0	0	
mORF_-_2171825	2171825	2171875	-	6	51	ATG	TAA	0	0	
mORF_-_2171847	2171847	2171855	-	4	9	GTG	TAA	0	0	
mORF_-_2171913	2171913	2171942	-	4	30	ATG	TGA	0	0	
mORF_-_2171964	2171964	2172017	-	4	54	TTG	TGA	0	0	
mORF_-_2172033	2172033	2172071	-	4	39	ATG	TGA	0	0	
mORF_-_2172078	2172078	2172119	-	4	42	TTG	TGA	0	0	
mORF_-_2172132	2172132	2172140	-	4	9	TTG	TAA	0	0	
mORF_-_2172141	2172141	2172167	-	4	27	TTG	TGA	0	0	
mORF_-_2172188	2172188	2172196	-	6	9	TTG	TAA	0	0	
mORF_-_2172213	2172213	2172242	-	4	30	TTG	TAG	0	0	
mORF_-_2172221	2172221	2172307	-	6	87	GTG	TAA	0	0	
mORF_-_2172304	2172304	2172588	-	5	285	ATG	TGA	22	564	pORF_-_2172304
mORF_-_2172381	2172381	2172398	-	4	18	TTG	TAG	0	0	
mORF_-_2172401	2172401	2172427	-	6	27	ATG	TAG	0	0	
mORF_-_2172429	2172429	2172443	-	4	15	ATG	TGA	0	0	
mORF_-_2172456	2172456	2172464	-	4	9	ATG	TAG	0	0	
mORF_-_2172464	2172464	2172475	-	6	12	GTG	TAA	0	0	
mORF_-_2172480	2172480	2172572	-	4	93	TTG	TAA	0	0	
mORF_-_2172497	2172497	2172511	-	6	15	GTG	TAA	0	0	
mORF_-_2172518	2172518	2172565	-	6	48	TTG	TAA	0	0	
mORF_-_2172619	2172619	2173071	-	5	453	ATG	TAA	36	1729	pORF_-_2172619
mORF_-_2172633	2172633	2172641	-	4	9	ATG	TAG	0	0	
mORF_-_2172684	2172684	2172722	-	4	39	TTG	TAA	0	0	
mORF_-_2172741	2172741	2172767	-	4	27	TTG	TGA	0	0	
mORF_-_2172768	2172768	2172809	-	4	42	ATG	TGA	0	0	
mORF_-_2172843	2172843	2172914	-	4	72	TTG	TAA	0	0	
mORF_-_2172881	2172881	2172886	-	6	6	TTG	TGA	0	0	
mORF_-_2172918	2172918	2172950	-	4	33	TTG	TAA	0	0	
mORF_-_2172951	2172951	2173001	-	4	51	ATG	TAA	0	0	
mORF_-_2173014	2173014	2173058	-	4	45	TTG	TAA	0	0	
mORF_-_2173068	2173068	2173121	-	4	54	ATG	TGA	0	0	
mORF_-_2173081	2173081	2174343	-	5	1263	ATG	TAA	67	1926	pORF_-_2173081
mORF_-_2173137	2173137	2173184	-	4	48	TTG	TGA	0	0	
mORF_-_2173209	2173209	2173238	-	4	30	TTG	TGA	0	0	
mORF_-_2173389	2173389	2173400	-	4	12	TTG	TGA	0	0	
mORF_-_2173397	2173397	2173414	-	6	18	TTG	TGA	0	0	
mORF_-_2173401	2173401	2173487	-	4	87	TTG	TAA	0	0	
mORF_-_2173448	2173448	2173543	-	6	96	TTG	TGA	0	0	
mORF_-_2173509	2173509	2173520	-	4	12	TTG	TGA	0	0	
mORF_-_2173533	2173533	2173583	-	4	51	ATG	TAG	0	0	
mORF_-_2173580	2173580	2173609	-	6	30	ATG	TGA	0	0	
mORF_-_2173602	2173602	2173694	-	4	93	TTG	TAG	0	0	

mORF_-_2173695	2173695	2173700	-	4	6	GTG	TGA	0	0	
mORF_-_2173716	2173716	2173847	-	4	132	ATG	TGA	0	0	
mORF_-_2173851	2173851	2173922	-	4	72	TTG	TGA	0	0	
mORF_-_2173859	2173859	2173900	-	6	42	TTG	TGA	0	0	
mORF_-_2173935	2173935	2174006	-	4	72	ATG	TAG	0	0	
mORF_-_2174013	2174013	2174144	-	4	132	TTG	TAA	0	0	
mORF_-_2174166	2174166	2174216	-	4	51	TTG	TGA	0	0	
mORF_-_2174217	2174217	2174330	-	4	114	TTG	TGA	0	0	
mORF_-_2174243	2174243	2174296	-	6	54	ATG	TGA	0	0	
mORF_-_2174340	2174340	2174396	-	4	57	TTG	TGA	0	0	
mORF_-_2174356	2174356	2174403	-	5	48	TTG	TAA	0	0	
mORF_-_2174372	2174372	2175232	-	6	861	ATG	TAA	83	2567	pORF_-_2174372
mORF_-_2174413	2174413	2174421	-	5	9	ATG	TGA	0	0	
mORF_-_2174472	2174472	2174549	-	4	78	ATG	TGA	0	0	
mORF_-_2174497	2174497	2174517	-	5	21	ATG	TAA	0	0	
mORF_-_2174521	2174521	2174604	-	5	84	ATG	TGA	0	0	
mORF_-_2174580	2174580	2174630	-	4	51	GTG	TAA	0	0	
mORF_-_2174623	2174623	2174919	-	5	297	TTG	TGA	1	3	pORF_-_2174623
mORF_-_2174844	2174844	2174858	-	4	15	TTG	TGA	0	0	
mORF_-_2174920	2174920	2175102	-	5	183	ATG	TGA	0	0	
mORF_-_2175121	2175121	2175174	-	5	54	ATG	TAG	0	0	
mORF_-_2175229	2175229	2175258	-	5	30	TTG	TGA	0	0	
mORF_-_2175271	2175271	2175303	-	5	33	GTG	TAA	0	0	
mORF_-_2175300	2175300	2175377	-	4	78	TTG	TGA	0	0	
mORF_-_2175391	2175391	2175414	-	5	24	ATG	TAA	0	0	
mORF_-_2175426	2175426	2175467	-	4	42	ATG	TAG	0	0	
mORF_-_2175449	2175449	2175460	-	6	12	ATG	TGA	0	0	
mORF_-_2175534	2175534	2176658	-	4	1125	ATG	TGA	47	602	pORF_-_2175534
mORF_-_2175590	2175590	2175631	-	6	42	TTG	TGA	0	0	
mORF_-_2175635	2175635	2175715	-	6	81	GTG	TGA	0	0	
mORF_-_2175758	2175758	2175781	-	6	24	TTG	TAG	0	0	
mORF_-_2175797	2175797	2175892	-	6	96	GTG	TGA	0	0	
mORF_-_2175926	2175926	2175958	-	6	33	ATG	TGA	0	0	
mORF_-_2175976	2175976	2175993	-	5	18	GTG	TAA	0	0	
mORF_-_2176001	2176001	2176138	-	6	138	ATG	TGA	0	0	
mORF_-_2176169	2176169	2176465	-	6	297	TTG	TAA	0	0	
mORF_-_2176478	2176478	2176489	-	6	12	ATG	TAG	0	0	
mORF_-_2176510	2176510	2176530	-	5	21	TTG	TGA	0	0	
mORF_-_2176523	2176523	2176576	-	6	54	TTG	TGA	0	0	
mORF_-_2176589	2176589	2176654	-	6	66	TTG	TAG	0	0	
mORF_-_2176621	2176621	2176689	-	5	69	ATG	TAG	0	0	
mORF_-_2176705	2176705	2176755	-	5	51	TTG	TGA	0	0	
mORF_-_2176752	2176752	2176763	-	4	12	GTG	TGA	0	0	
mORF_-_2176760	2176760	2176768	-	6	9	TTG	TGA	0	0	
mORF_-_2176775	2176775	2176858	-	6	84	TTG	TAA	0	0	
mORF_-_2176813	2176813	2176818	-	5	6	ATG	TAA	0	0	
mORF_-_2176836	2176836	2177111	-	4	276	GTG	TAA	0	0	
mORF_-_2176889	2176889	2176915	-	6	27	ATG	TAA	0	0	
mORF_-_2176927	2176927	2177103	-	5	177	TTG	TAA	0	0	
mORF_-_2176943	2176943	2177005	-	6	63	TTG	TAA	0	0	
mORF_-_2177149	2177149	2177292	-	5	144	TTG	TAG	0	0	
mORF_-_2177154	2177154	2177432	-	4	279	ATG	TAG	0	0	
mORF_-_2177246	2177246	2177317	-	6	72	GTG	TAG	0	0	
mORF_-_2177339	2177339	2177401	-	6	63	TTG	TAA	0	0	
mORF_-_2177429	2177429	2177515	-	6	87	GTG	TGA	0	0	
mORF_-_2177526	2177526	2177540	-	4	15	TTG	TAA	0	0	
mORF_-_2177544	2177544	2177684	-	4	141	GTG	TAA	0	0	
mORF_-_2177615	2177615	2177626	-	6	12	ATG	TAA	0	0	
mORF_-_2177712	2177712	2177738	-	4	27	GTG	TAA	0	0	
mORF_-_2177746	2177746	2178198	-	5	453	GTG	TAA	0	0	
mORF_-_2177805	2177805	2177810	-	4	6	ATG	TAA	0	0	
mORF_-_2177811	2177811	2177867	-	4	57	GTG	TAG	0	0	
mORF_-_2177943	2177943	2178074	-	4	132	TTG	TGA	0	0	

mORF_-_2178071	2178071	2178103	-	6	33	GTG	TGA	0	0	
mORF_-_2178159	2178159	2178218	-	4	60	GTG	TAA	0	0	
mORF_-_2178208	2178208	2178252	-	5	45	TTG	TAA	0	0	
mORF_-_2178272	2178272	2178811	-	6	540	GTG	TAA	1	2	pORF_-_2178272
mORF_-_2178451	2178451	2178534	-	5	84	ATG	TAA	0	0	
mORF_-_2178534	2178534	2178608	-	4	75	ATG	TAA	0	0	
mORF_-_2178640	2178640	2178726	-	5	87	GTG	TGA	0	0	
mORF_-_2178708	2178708	2178731	-	4	24	TTG	TGA	0	0	
mORF_-_2178748	2178748	2178759	-	5	12	GTG	TGA	0	0	
mORF_-_2178756	2178756	2179004	-	4	249	ATG	TGA	0	0	
mORF_-_2178833	2178833	2178967	-	6	135	ATG	TAA	0	0	
mORF_-_2178862	2178862	2178906	-	5	45	GTG	TAG	0	0	
mORF_-_2178973	2178973	2178987	-	5	15	TTG	TAG	0	0	
mORF_-_2179029	2179029	2179106	-	4	78	TTG	TAA	0	0	
mORF_-_2179055	2179055	2179069	-	6	15	TTG	TGA	0	0	
mORF_-_2179066	2179066	2179161	-	5	96	GTG	TGA	0	0	
mORF_-_2179073	2179073	2179081	-	6	9	GTG	TAG	0	0	
mORF_-_2179133	2179133	2179138	-	6	6	GTG	TAA	0	0	
mORF_-_2179165	2179165	2179197	-	5	33	ATG	TGA	0	0	
mORF_-_2179216	2179216	2179320	-	5	105	ATG	TAA	0	0	
mORF_-_2179266	2179266	2179388	-	4	123	TTG	TAA	0	0	
mORF_-_2179348	2179348	2179473	-	5	126	GTG	TGA	0	0	
mORF_-_2179476	2179476	2179484	-	4	9	ATG	TAA	0	0	
mORF_-_2179529	2179529	2179573	-	6	45	TTG	TAA	0	0	
mORF_-_2179570	2179570	2179722	-	5	153	TTG	TGA	0	0	
mORF_-_2179598	2179598	2179624	-	6	27	TTG	TAA	0	0	
mORF_-_2179638	2179638	2179679	-	4	42	ATG	TAA	0	0	
mORF_-_2179709	2179709	2179729	-	6	21	TTG	TAA	0	0	
mORF_-_2179719	2179719	2179847	-	4	129	ATG	TGA	0	0	
mORF_-_2179726	2179726	2179911	-	5	186	ATG	TGA	0	0	
mORF_-_2179760	2179760	2179930	-	6	171	ATG	TAA	0	0	
mORF_-_2179854	2179854	2180069	-	4	216	GTG	TGA	0	0	
mORF_-_2179927	2179927	2180136	-	5	210	TTG	TGA	0	0	
mORF_-_2179985	2179985	2180023	-	6	39	ATG	TAA	0	0	
mORF_-_2180057	2180057	2180803	-	6	747	ATG	TAG	1	2	pORF_-_2180057
mORF_-_2180176	2180176	2180304	-	5	129	ATG	TAG	0	0	
mORF_-_2180301	2180301	2180327	-	4	27	GTG	TGA	0	0	
mORF_-_2180308	2180308	2180391	-	5	84	GTG	TAA	0	0	
mORF_-_2180388	2180388	2180435	-	4	48	ATG	TGA	0	0	
mORF_-_2180437	2180437	2180445	-	5	9	GTG	TGA	0	0	
mORF_-_2180451	2180451	2180459	-	4	9	ATG	TAA	0	0	
mORF_-_2180572	2180572	2180580	-	5	9	GTG	TGA	0	0	
mORF_-_2180644	2180644	2180703	-	5	60	ATG	TAA	0	0	
mORF_-_2180707	2180707	2180721	-	5	15	TTG	TAA	0	0	
mORF_-_2180767	2180767	2180778	-	5	12	TTG	TGA	0	0	
mORF_-_2180779	2180779	2180844	-	5	66	GTG	TGA	0	0	
mORF_-_2180851	2180851	2180946	-	5	96	ATG	TAA	0	0	
mORF_-_2180855	2180855	2181682	-	6	828	ATG	TAA	1	2	pORF_-_2180855
mORF_-_2180947	2180947	2181045	-	5	99	ATG	TAG	0	0	
mORF_-_2180994	2180994	2181035	-	4	42	GTG	TGA	0	0	
mORF_-_2181042	2181042	2181137	-	4	96	GTG	TGA	0	0	
mORF_-_2181187	2181187	2181309	-	5	123	ATG	TAG	0	0	
mORF_-_2181319	2181319	2181462	-	5	144	ATG	TAA	0	0	
mORF_-_2181510	2181510	2181701	-	4	192	TTG	TAA	0	0	
mORF_-_2181577	2181577	2181603	-	5	27	TTG	TGA	0	0	
mORF_-_2181613	2181613	2181621	-	5	9	TTG	TAA	0	0	
mORF_-_2181679	2181679	2181711	-	5	33	TTG	TGA	0	0	
mORF_-_2181692	2181692	2181784	-	6	93	TTG	TGA	0	0	
mORF_-_2181724	2181724	2181744	-	5	21	GTG	TAG	0	0	
mORF_-_2181738	2181738	2182538	-	4	801	ATG	TGA	26	399	pORF_-_2181738
mORF_-_2181847	2181847	2181903	-	5	57	TTG	TGA	0	0	
mORF_-_2181926	2181926	2182009	-	6	84	GTG	TGA	0	0	
mORF_-_2182016	2182016	2182030	-	6	15	GTG	TAA	0	0	

mORF_-_2182133	2182133	2182513	-	6	381	TTG	TAA	0	0	
mORF_-_2182372	2182372	2182437	-	5	66	TTG	TGA	0	0	
mORF_-_2182535	2182535	2183323	-	6	789	ATG	TGA	18	171	pORF_-_2182535
mORF_-_2182555	2182555	2182590	-	5	36	TTG	TGA	0	0	
mORF_-_2182639	2182639	2182722	-	5	84	GTG	TGA	0	0	
mORF_-_2182747	2182747	2182914	-	5	168	TTG	TAA	0	0	
mORF_-_2182921	2182921	2183013	-	5	93	GTG	TAG	0	0	
mORF_-_2182980	2182980	2182988	-	4	9	TTG	TGA	0	0	
mORF_-_2183020	2183020	2183076	-	5	57	GTG	TAG	0	0	
mORF_-_2183101	2183101	2183112	-	5	12	TTG	TGA	0	0	
mORF_-_2183119	2183119	2183235	-	5	117	ATG	TGA	0	0	
mORF_-_2183232	2183232	2183354	-	4	123	TTG	TGA	0	0	
mORF_-_2183239	2183239	2183253	-	5	15	TTG	TGA	0	0	
mORF_-_2183378	2183378	2183440	-	6	63	GTG	TAG	0	0	
mORF_-_2183418	2183418	2183498	-	4	81	GTG	TGA	0	0	
mORF_-_2183527	2183527	2183532	-	5	6	TTG	TAA	0	0	
mORF_-_2183546	2183546	2183818	-	6	273	ATG	TAA	3	7	pORF_-_2183546
mORF_-_2183572	2183572	2183598	-	5	27	GTG	TGA	0	0	
mORF_-_2183602	2183602	2183610	-	5	9	ATG	TAA	0	0	
mORF_-_2183646	2183646	2183717	-	4	72	ATG	TAA	0	0	
mORF_-_2183671	2183671	2183778	-	5	108	GTG	TAA	0	0	
mORF_-_2183785	2183785	2183853	-	5	69	ATG	TGA	0	0	
mORF_-_2183799	2183799	2183837	-	4	39	TTG	TGA	0	0	
mORF_-_2183850	2183850	2183858	-	4	9	GTG	TGA	0	0	
mORF_-_2183905	2183905	2183940	-	5	36	ATG	TGA	0	0	
mORF_-_2183924	2183924	2183968	-	6	45	TTG	TAG	0	0	
mORF_-_2183949	2183949	2183954	-	4	6	TTG	TAA	0	0	
mORF_-_2183962	2183962	2184000	-	5	39	ATG	TGA	0	0	
mORF_-_2183985	2183985	2184041	-	4	57	TTG	TGA	0	0	
mORF_-_2184002	2184002	2184037	-	6	36	GTG	TAA	0	0	
mORF_-_2184016	2184016	2184174	-	5	159	TTG	TGA	0	0	
mORF_-_2184038	2184038	2184127	-	6	90	ATG	TGA	0	0	
mORF_-_2184084	2184084	2184116	-	4	33	TTG	TAA	0	0	
mORF_-_2184143	2184143	2184190	-	6	48	TTG	TAA	0	0	
mORF_-_2184187	2184187	2184282	-	5	96	TTG	TGA	0	0	
mORF_-_2184191	2184191	2184460	-	6	270	TTG	TGA	0	0	
mORF_-_2184234	2184234	2184401	-	4	168	GTG	TAA	0	0	
mORF_-_2184385	2184385	2184531	-	5	147	ATG	TGA	0	0	
mORF_-_2184489	2184489	2184509	-	4	21	TTG	TAA	0	0	
mORF_-_2184510	2184510	2184563	-	4	54	GTG	TAA	0	0	
mORF_-_2184532	2184532	2184606	-	5	75	GTG	TGA	0	0	
mORF_-_2184603	2184603	2184626	-	4	24	TTG	TGA	0	0	
mORF_-_2184627	2184627	2184647	-	4	21	TTG	TGA	0	0	
mORF_-_2184634	2184634	2184669	-	5	36	GTG	TGA	0	0	
mORF_-_2184688	2184688	2184768	-	5	81	TTG	TAG	0	0	
mORF_-_2184713	2184713	2184739	-	6	27	ATG	TAA	0	0	
mORF_-_2184773	2184773	2184784	-	6	12	ATG	TAA	0	0	
mORF_-_2184814	2184814	2184870	-	5	57	ATG	TGA	0	0	
mORF_-_2184854	2184854	2184862	-	6	9	ATG	TAA	0	0	
mORF_-_2184871	2184871	2184876	-	5	6	GTG	TAA	0	0	
mORF_-_2184880	2184880	2184969	-	5	90	TTG	TAA	0	0	
mORF_-_2184888	2184888	2184905	-	4	18	TTG	TGA	0	0	
mORF_-_2184921	2184921	2185178	-	4	258	ATG	TAA	0	0	
mORF_-_2185025	2185025	2185048	-	6	24	GTG	TAA	0	0	
mORF_-_2185096	2185096	2185338	-	5	243	ATG	TAA	0	0	
mORF_-_2185233	2185233	2185283	-	4	51	ATG	TAG	0	0	
mORF_-_2185283	2185283	2185357	-	6	75	GTG	TAA	0	0	
mORF_-_2185362	2185362	2185382	-	4	21	GTG	TAA	0	0	
mORF_-_2185402	2185402	2186436	-	5	1035	ATG	TAA	0	0	
mORF_-_2185488	2185488	2185535	-	4	48	TTG	TAA	0	0	
mORF_-_2185578	2185578	2185610	-	4	33	TTG	TAA	0	0	
mORF_-_2185620	2185620	2185640	-	4	21	GTG	TAG	0	0	
mORF_-_2185736	2185736	2185741	-	6	6	TTG	TAA	0	0	

mORF_-_2185881	2185881	2185922	-	4	42	ATG	TGA	0	0	
mORF_-_2185931	2185931	2185972	-	6	42	GTG	TAG	0	0	
mORF_-_2185935	2185935	2185961	-	4	27	GTG	TAA	0	0	
mORF_-_2185962	2185962	2186039	-	4	78	ATG	TAG	0	0	
mORF_-_2186046	2186046	2186075	-	4	30	ATG	TGA	0	0	
mORF_-_2186076	2186076	2186087	-	4	12	ATG	TGA	0	0	
mORF_-_2186103	2186103	2186180	-	4	78	TTG	TGA	0	0	
mORF_-_2186165	2186165	2186176	-	6	12	ATG	TAA	0	0	
mORF_-_2186196	2186196	2186222	-	4	27	TTG	TAA	0	0	
mORF_-_2186207	2186207	2186269	-	6	63	ATG	TAA	0	0	
mORF_-_2186262	2186262	2186381	-	4	120	ATG	TAA	0	0	
mORF_-_2186366	2186366	2186461	-	6	96	TTG	TAG	0	0	
mORF_-_2186421	2186421	2186639	-	4	219	TTG	TAA	0	0	
mORF_-_2186452	2186452	2188947	-	5	2496	TTG	TAA	0	0	
mORF_-_2186489	2186489	2186509	-	6	21	ATG	TAA	0	0	
mORF_-_2186630	2186630	2186683	-	6	54	ATG	TGA	0	0	
mORF_-_2186643	2186643	2186657	-	4	15	ATG	TAA	0	0	
mORF_-_2186673	2186673	2186792	-	4	120	ATG	TAA	0	0	
mORF_-_2186838	2186838	2186909	-	4	72	ATG	TGA	0	0	
mORF_-_2186913	2186913	2187032	-	4	120	ATG	TGA	0	0	
mORF_-_2187033	2187033	2187044	-	4	12	TTG	TGA	0	0	
mORF_-_2187060	2187060	2187086	-	4	27	ATG	TGA	0	0	
mORF_-_2187105	2187105	2187119	-	4	15	ATG	TGA	0	0	
mORF_-_2187141	2187141	2187308	-	4	168	ATG	TAG	0	0	
mORF_-_2187242	2187242	2187250	-	6	9	TTG	TGA	0	0	
mORF_-_2187389	2187389	2187439	-	6	51	TTG	TAG	0	0	
mORF_-_2187459	2187459	2187626	-	4	168	TTG	TGA	0	0	
mORF_-_2187554	2187554	2187568	-	6	15	TTG	TAA	0	0	
mORF_-_2187645	2187645	2187812	-	4	168	ATG	TGA	0	0	
mORF_-_2187819	2187819	2187887	-	4	69	TTG	TGA	0	0	
mORF_-_2187906	2187906	2187956	-	4	51	ATG	TAG	0	0	
mORF_-_2187996	2187996	2188103	-	4	108	TTG	TGA	0	0	
mORF_-_2188107	2188107	2188352	-	4	246	ATG	TAA	0	0	
mORF_-_2188247	2188247	2188315	-	6	69	GTG	TGA	0	0	
mORF_-_2188352	2188352	2188369	-	6	18	GTG	TGA	0	0	
mORF_-_2188380	2188380	2188403	-	4	24	ATG	TAA	0	0	
mORF_-_2188452	2188452	2188613	-	4	162	TTG	TGA	0	0	
mORF_-_2188610	2188610	2188624	-	6	15	ATG	TGA	0	0	
mORF_-_2188652	2188652	2188690	-	6	39	ATG	TAA	0	0	
mORF_-_2188659	2188659	2188811	-	4	153	TTG	TAG	0	0	
mORF_-_2188721	2188721	2188738	-	6	18	ATG	TGA	0	0	
mORF_-_2188824	2188824	2188832	-	4	9	GTG	TGA	0	0	
mORF_-_2188836	2188836	2188880	-	4	45	TTG	TGA	0	0	
mORF_-_2188896	2188896	2188913	-	4	18	TTG	TAG	0	0	
mORF_-_2188926	2188926	2188982	-	4	57	ATG	TGA	0	0	
mORF_-_2188948	2188948	2189667	-	5	720	ATG	TAA	1	2	pORF_-_2188948
mORF_-_2188992	2188992	2189033	-	4	42	GTG	TGA	0	0	
mORF_-_2189043	2189043	2189054	-	4	12	TTG	TAG	0	0	
mORF_-_2189055	2189055	2189099	-	4	45	ATG	TGA	0	0	
mORF_-_2189087	2189087	2189116	-	6	30	TTG	TAA	0	0	
mORF_-_2189109	2189109	2189129	-	4	21	ATG	TGA	0	0	
mORF_-_2189136	2189136	2189153	-	4	18	GTG	TGA	0	0	
mORF_-_2189190	2189190	2189246	-	4	57	TTG	TAA	0	0	
mORF_-_2189250	2189250	2189303	-	4	54	ATG	TGA	0	0	
mORF_-_2189406	2189406	2189462	-	4	57	TTG	TAA	0	0	
mORF_-_2189459	2189459	2189467	-	6	9	GTG	TGA	0	0	
mORF_-_2189514	2189514	2189573	-	4	60	ATG	TGA	0	0	
mORF_-_2189639	2189639	2189653	-	6	15	ATG	TAA	0	0	
mORF_-_2189687	2189687	2189692	-	6	6	TTG	TAA	0	0	
mORF_-_2189695	2189695	2189745	-	5	51	GTG	TAA	0	0	
mORF_-_2189702	2189702	2190244	-	6	543	ATG	TAA	0	0	
mORF_-_2189773	2189773	2189874	-	5	102	GTG	TGA	0	0	
mORF_-_2189965	2189965	2189976	-	5	12	TTG	TAA	0	0	

mORF_-_2190013	2190013	2190066	-	5	54	GTG	TAA	0	0	
mORF_-_2190094	2190094	2190138	-	5	45	TTG	TAA	0	0	
mORF_-_2190120	2190120	2190125	-	4	6	GTG	TAA	0	0	
mORF_-_2190154	2190154	2190183	-	5	30	TTG	TAA	0	0	
mORF_-_2190196	2190196	2190228	-	5	33	TTG	TGA	0	0	
mORF_-_2190278	2190278	2190343	-	6	66	ATG	TAA	0	0	
mORF_-_2190310	2190310	2190378	-	5	69	TTG	TGA	0	0	
mORF_-_2190315	2190315	2190341	-	4	27	GTG	TGA	0	0	
mORF_-_2190356	2190356	2190373	-	6	18	ATG	TAA	0	0	
mORF_-_2190366	2190366	2190389	-	4	24	TTG	TAA	0	0	
mORF_-_2190406	2190406	2190429	-	5	24	TTG	TAA	0	0	
mORF_-_2190414	2190414	2190422	-	4	9	ATG	TAA	0	0	
mORF_-_2190441	2190441	2190485	-	4	45	ATG	TAA	0	0	
mORF_-_2190482	2190482	2190517	-	6	36	TTG	TGA	0	0	
mORF_-_2190524	2190524	2190535	-	6	12	TTG	TGA	0	0	
mORF_-_2190537	2190537	2190818	-	4	282	ATG	TAA	0	0	
mORF_-_2190551	2190551	2190589	-	6	39	TTG	TAA	0	0	
mORF_-_2190602	2190602	2190646	-	6	45	ATG	TAA	0	0	
mORF_-_2190646	2190646	2190666	-	5	21	TTG	TAA	0	0	
mORF_-_2190653	2190653	2190727	-	6	75	ATG	TAA	0	0	
mORF_-_2190685	2190685	2190705	-	5	21	ATG	TAA	0	0	
mORF_-_2190727	2190727	2190807	-	5	81	TTG	TAA	0	0	
mORF_-_2190734	2190734	2190784	-	6	51	TTG	TAG	0	0	
mORF_-_2190811	2190811	2190867	-	5	57	ATG	TAA	0	0	
mORF_-_2190815	2190815	2191000	-	6	186	ATG	TGA	0	0	
mORF_-_2190843	2190843	2190887	-	4	45	ATG	TAA	0	0	
mORF_-_2190874	2190874	2190891	-	5	18	GTG	TAG	0	0	
mORF_-_2190891	2190891	2191031	-	4	141	TTG	TAG	0	0	
mORF_-_2191000	2191000	2191011	-	5	12	TTG	TAA	0	0	
mORF_-_2191015	2191015	2191023	-	5	9	GTG	TAG	0	0	
mORF_-_2191028	2191028	2191039	-	6	12	ATG	TGA	0	0	
mORF_-_2191071	2191071	2191355	-	4	285	GTG	TAA	0	0	
mORF_-_2191081	2191081	2192220	-	5	1140	ATG	TAA	22	107	pORF_-_2191081
mORF_-_2191337	2191337	2191345	-	6	9	TTG	TAA	0	0	
mORF_-_2191356	2191356	2191370	-	4	15	TTG	TGA	0	0	
mORF_-_2191404	2191404	2191424	-	4	21	ATG	TGA	0	0	
mORF_-_2191428	2191428	2191466	-	4	39	GTG	TGA	0	0	
mORF_-_2191494	2191494	2191529	-	4	36	TTG	TGA	0	0	
mORF_-_2191526	2191526	2191609	-	6	84	GTG	TGA	0	0	
mORF_-_2191578	2191578	2191664	-	4	87	ATG	TAA	0	0	
mORF_-_2191872	2191872	2191877	-	4	6	GTG	TGA	0	0	
mORF_-_2191979	2191979	2191984	-	6	6	ATG	TAG	0	0	
mORF_-_2191992	2191992	2192069	-	4	78	ATG	TAA	0	0	
mORF_-_2192232	2192232	2192267	-	4	36	ATG	TAA	0	0	
mORF_-_2192261	2192261	2192275	-	6	15	ATG	TAA	0	0	
mORF_-_2192286	2192286	2192330	-	4	45	TTG	TAG	0	0	
mORF_-_2192320	2192320	2192361	-	5	42	GTG	TAG	0	0	
mORF_-_2192327	2192327	2192410	-	6	84	ATG	TGA	0	0	
mORF_-_2192371	2192371	2192382	-	5	12	TTG	TAG	0	0	
mORF_-_2192379	2192379	2192618	-	4	240	GTG	TGA	0	0	
mORF_-_2192432	2192432	2192500	-	6	69	ATG	TAA	0	0	
mORF_-_2192464	2192464	2192493	-	5	30	GTG	TGA	0	0	
mORF_-_2192510	2192510	2192527	-	6	18	GTG	TGA	0	0	
mORF_-_2192564	2192564	2192590	-	6	27	ATG	TGA	0	0	
mORF_-_2192594	2192594	2192602	-	6	9	TTG	TAG	0	0	
mORF_-_2192640	2192640	2193371	-	4	732	ATG	TGA	0	0	
mORF_-_2192651	2192651	2192695	-	6	45	ATG	TAG	0	0	
mORF_-_2192699	2192699	2192755	-	6	57	GTG	TGA	0	0	
mORF_-_2192914	2192914	2193093	-	5	180	GTG	TGA	0	0	
mORF_-_2193032	2193032	2193067	-	6	36	TTG	TAA	0	0	
mORF_-_2193101	2193101	2193202	-	6	102	ATG	TAG	0	0	
mORF_-_2193199	2193199	2193318	-	5	120	TTG	TGA	0	0	
mORF_-_2193218	2193218	2193280	-	6	63	TTG	TAA	0	0	

mORF_-_2193296	2193296	2193358	-	6	63	GTG	TAG	0	0	
mORF_-_2193398	2193398	2193442	-	6	45	TTG	TAG	0	0	
mORF_-_2193458	2193458	2193658	-	6	201	ATG	TGA	0	0	
mORF_-_2193523	2193523	2193552	-	5	30	TTG	TGA	0	0	
mORF_-_2193676	2193676	2193759	-	5	84	TTG	TAG	0	0	
mORF_-_2193683	2193683	2193769	-	6	87	TTG	TAG	0	0	
mORF_-_2193756	2193756	2194211	-	4	456	GTG	TGA	0	0	
mORF_-_2193766	2193766	2193837	-	5	72	ATG	TGA	0	0	
mORF_-_2193791	2193791	2193925	-	6	135	ATG	TAA	0	0	
mORF_-_2193904	2193904	2193948	-	5	45	GTG	TGA	0	0	
mORF_-_2194022	2194022	2194153	-	6	132	TTG	TGA	0	0	
mORF_-_2194051	2194051	2194197	-	5	147	GTG	TAG	0	0	
mORF_-_2194208	2194208	2194270	-	6	63	ATG	TGA	0	0	
mORF_-_2194225	2194225	2194239	-	5	15	GTG	TAG	0	0	
mORF_-_2194311	2194311	2194466	-	4	156	ATG	TAG	0	0	
mORF_-_2194343	2194343	2194366	-	6	24	TTG	TGA	0	0	
mORF_-_2194435	2194435	2194470	-	5	36	TTG	TAG	0	0	
mORF_-_2194481	2194481	2194504	-	6	24	GTG	TAA	0	0	
mORF_-_2194506	2194506	2194529	-	4	24	GTG	TAA	0	0	
mORF_-_2194513	2194513	2194767	-	5	255	ATG	TGA	0	0	
mORF_-_2194526	2194526	2194603	-	6	78	TTG	TGA	0	0	
mORF_-_2194572	2194572	2194643	-	4	72	TTG	TGA	0	0	
mORF_-_2194622	2194622	2194726	-	6	105	TTG	TGA	0	0	
mORF_-_2194757	2194757	2194780	-	6	24	TTG	TAA	0	0	
mORF_-_2194767	2194767	2195000	-	4	234	ATG	TAA	0	0	
mORF_-_2194771	2194771	2194890	-	5	120	GTG	TGA	0	0	
mORF_-_2194832	2194832	2194885	-	6	54	GTG	TAA	0	0	
mORF_-_2194892	2194892	2194948	-	6	57	TTG	TAA	0	0	
mORF_-_2194924	2194924	2195037	-	5	114	GTG	TGA	0	0	
mORF_-_2194958	2194958	2194978	-	6	21	TTG	TAA	0	0	
mORF_-_2195021	2195021	2195032	-	6	12	TTG	TAA	0	0	
mORF_-_2195052	2195052	2195093	-	4	42	GTG	TGA	0	0	
mORF_-_2195056	2195056	2195133	-	5	78	GTG	TGA	0	0	
mORF_-_2195090	2195090	2195302	-	6	213	TTG	TGA	0	0	
mORF_-_2195109	2195109	2195135	-	4	27	TTG	TGA	0	0	
mORF_-_2195242	2195242	2195280	-	5	39	ATG	TAA	0	0	
mORF_-_2195262	2195262	2195285	-	4	24	GTG	TAA	0	0	
mORF_-_2195286	2195286	2195375	-	4	90	GTG	TAG	0	0	
mORF_-_2195290	2195290	2195544	-	5	255	ATG	TAG	1	2	pORF_-_2195290
mORF_-_2195324	2195324	2195335	-	6	12	ATG	TAG	0	0	
mORF_-_2195339	2195339	2195419	-	6	81	TTG	TGA	0	0	
mORF_-_2195382	2195382	2195678	-	4	297	TTG	TAA	2	9	pORF_-_2195382
mORF_-_2195438	2195438	2195464	-	6	27	ATG	TAA	0	0	
mORF_-_2195480	2195480	2195491	-	6	12	TTG	TAG	0	0	
mORF_-_2195516	2195516	2195542	-	6	27	GTG	TAA	0	0	
mORF_-_2195555	2195555	2195569	-	6	15	GTG	TAA	0	0	
mORF_-_2195566	2195566	2195583	-	5	18	ATG	TGA	0	0	
mORF_-_2195596	2195596	2195622	-	5	27	GTG	TAG	0	0	
mORF_-_2195627	2195627	2195842	-	6	216	TTG	TAA	0	0	
mORF_-_2195704	2195704	2195712	-	5	9	TTG	TGA	0	0	
mORF_-_2195709	2195709	2195732	-	4	24	GTG	TGA	0	0	
mORF_-_2195757	2195757	2195822	-	4	66	GTG	TAG	0	0	
mORF_-_2195767	2195767	2196090	-	5	324	ATG	TGA	0	0	
mORF_-_2195865	2195865	2195879	-	4	15	TTG	TAA	0	0	
mORF_-_2195883	2195883	2195900	-	4	18	GTG	TAA	0	0	
mORF_-_2195888	2195888	2195893	-	6	6	TTG	TGA	0	0	
mORF_-_2195913	2195913	2196098	-	4	186	TTG	TGA	0	0	
mORF_-_2195954	2195954	2195968	-	6	15	TTG	TGA	0	0	
mORF_-_2195981	2195981	2195989	-	6	9	ATG	TGA	0	0	
mORF_-_2196083	2196083	2196130	-	6	48	TTG	TAA	0	0	
mORF_-_2196120	2196120	2196158	-	4	39	TTG	TGA	0	0	
mORF_-_2196127	2196127	2196195	-	5	69	TTG	TGA	0	0	
mORF_-_2196155	2196155	2196220	-	6	66	TTG	TGA	0	0	

mORF_-_2196189	2196189	2196239	-	4	51	ATG	TAG	0	0	
mORF_-_2196243	2196243	2196293	-	4	51	TTG	TAA	0	0	
mORF_-_2196299	2196299	2196322	-	6	24	ATG	TAG	0	0	
mORF_-_2196309	2196309	2196326	-	4	18	GTG	TAA	0	0	
mORF_-_2196323	2196323	2196337	-	6	15	ATG	TGA	0	0	
mORF_-_2196327	2196327	2196392	-	4	66	ATG	TAG	0	0	
mORF_-_2196337	2196337	2196456	-	5	120	TTG	TAA	0	0	
mORF_-_2196402	2196402	2196416	-	4	15	GTG	TAA	0	0	
mORF_-_2196407	2196407	2196418	-	6	12	ATG	TAG	0	0	
mORF_-_2196440	2196440	2196445	-	6	6	ATG	TAA	0	0	
mORF_-_2196453	2196453	2196497	-	4	45	GTG	TGA	0	0	
mORF_-_2196479	2196479	2196499	-	6	21	TTG	TGA	0	0	
mORF_-_2196490	2196490	2196516	-	5	27	GTG	TAG	0	0	
mORF_-_2196520	2196520	2196660	-	5	141	TTG	TAA	0	0	
mORF_-_2196581	2196581	2196721	-	6	141	ATG	TAG	0	0	
mORF_-_2196630	2196630	2196674	-	4	45	GTG	TAA	0	0	
mORF_-_2196705	2196705	2197007	-	4	303	GTG	TAA	0	0	
mORF_-_2196728	2196728	2196736	-	6	9	TTG	TAA	0	0	
mORF_-_2196806	2196806	2196817	-	6	12	GTG	TAA	0	0	
mORF_-_2196814	2196814	2196834	-	5	21	GTG	TGA	0	0	
mORF_-_2196878	2196878	2196895	-	6	18	TTG	TAA	0	0	
mORF_-_2196896	2196896	2196922	-	6	27	GTG	TGA	0	0	
mORF_-_2196946	2196946	2197401	-	5	456	GTG	TGA	0	0	
mORF_-_2197080	2197080	2197133	-	4	54	ATG	TGA	0	0	
mORF_-_2197133	2197133	2197165	-	6	33	ATG	TAA	0	0	
mORF_-_2197257	2197257	2197280	-	4	24	TTG	TGA	0	0	
mORF_-_2197265	2197265	2197492	-	6	228	TTG	TAA	0	0	
mORF_-_2197431	2197431	2197670	-	4	240	GTG	TAA	0	0	
mORF_-_2197525	2197525	2197584	-	5	60	TTG	TAA	0	0	
mORF_-_2197532	2197532	2197600	-	6	69	ATG	TAG	0	0	
mORF_-_2197697	2197697	2197810	-	6	114	GTG	TAA	0	0	
mORF_-_2197716	2197716	2197817	-	4	102	GTG	TAG	0	0	
mORF_-_2197801	2197801	2197887	-	5	87	GTG	TAG	0	0	
mORF_-_2197913	2197913	2198365	-	6	453	TTG	TAG	0	0	
mORF_-_2197990	2197990	2198031	-	5	42	GTG	TGA	0	0	
mORF_-_2198134	2198134	2198214	-	5	81	GTG	TGA	0	0	
mORF_-_2198313	2198313	2198381	-	4	69	ATG	TAA	0	0	
mORF_-_2198378	2198378	2198479	-	6	102	ATG	TGA	0	0	
mORF_-_2198425	2198425	2198505	-	5	81	GTG	TGA	0	0	
mORF_-_2198451	2198451	2198456	-	4	6	TTG	TAG	0	0	
mORF_-_2198489	2198489	2198557	-	6	69	TTG	TAA	0	0	
mORF_-_2198502	2198502	2198555	-	4	54	GTG	TGA	0	0	
mORF_-_2198536	2198536	2198682	-	5	147	GTG	TGA	0	0	
mORF_-_2198589	2198589	2198645	-	4	57	TTG	TAG	0	0	
mORF_-_2198689	2198689	2198730	-	5	42	ATG	TAA	0	0	
mORF_-_2198769	2198769	2198810	-	4	42	ATG	TGA	0	0	
mORF_-_2198777	2198777	2198938	-	6	162	TTG	TAG	1	2	pORF_-_2198777
mORF_-_2198857	2198857	2198868	-	5	12	GTG	TGA	0	0	
mORF_-_2198868	2198868	2198978	-	4	111	ATG	TAG	0	0	
mORF_-_2198975	2198975	2199016	-	6	42	GTG	TGA	0	0	
mORF_-_2198991	2198991	2199221	-	4	231	TTG	TAA	0	0	
mORF_-_2199077	2199077	2199082	-	6	6	ATG	TAG	0	0	
mORF_-_2199104	2199104	2199259	-	6	156	TTG	TAG	0	0	
mORF_-_2199237	2199237	2199305	-	4	69	ATG	TAG	0	0	
mORF_-_2199280	2199280	2199372	-	5	93	TTG	TAG	0	0	
mORF_-_2199339	2199339	2199404	-	4	66	TTG	TAA	0	0	
mORF_-_2199365	2199365	2199385	-	6	21	TTG	TAA	0	0	
mORF_-_2199373	2199373	2199534	-	5	162	GTG	TGA	0	0	
mORF_-_2199435	2199435	2199464	-	4	30	TTG	TAA	0	0	
mORF_-_2199489	2199489	2199500	-	4	12	TTG	TAA	0	0	
mORF_-_2199521	2199521	2199571	-	6	51	TTG	TAA	0	0	
mORF_-_2199547	2199547	2199645	-	5	99	GTG	TAA	0	0	
mORF_-_2199654	2199654	2199758	-	4	105	TTG	TAA	0	0	

mORF_-_2199668	2199668	2199706	-	6	39	GTG	TAA	0	0	
mORF_-_2199719	2199719	2199751	-	6	33	ATG	TAA	0	0	
mORF_-_2199724	2199724	2199933	-	5	210	GTG	TGA	0	0	
mORF_-_2199821	2199821	2199856	-	6	36	TTG	TAA	0	0	
mORF_-_2199858	2199858	2199935	-	4	78	TTG	TGA	0	0	
mORF_-_2199936	2199936	2199965	-	4	30	GTG	TAA	0	0	
mORF_-_2199962	2199962	2200000	-	6	39	TTG	TGA	0	0	
mORF_-_2199979	2199979	2200053	-	5	75	GTG	TAA	0	0	
mORF_-_2200005	2200005	2200010	-	4	6	ATG	TGA	0	0	
mORF_-_2200010	2200010	2200096	-	6	87	TTG	TAA	0	0	
mORF_-_2200044	2200044	2200109	-	4	66	ATG	TAA	0	0	
mORF_-_2200127	2200127	2200510	-	6	384	ATG	TAG	0	0	
mORF_-_2200135	2200135	2200230	-	5	96	TTG	TGA	0	0	
mORF_-_2200182	2200182	2200187	-	4	6	ATG	TGA	0	0	
mORF_-_2200215	2200215	2200256	-	4	42	GTG	TAA	0	0	
mORF_-_2200305	2200305	2200322	-	4	18	ATG	TAA	0	0	
mORF_-_2200327	2200327	2200335	-	5	9	GTG	TAG	0	0	
mORF_-_2200351	2200351	2200443	-	5	93	TTG	TAA	0	0	
mORF_-_2200398	2200398	2200418	-	4	21	ATG	TAA	0	0	
mORF_-_2200428	2200428	2200745	-	4	318	TTG	TAG	0	0	
mORF_-_2200489	2200489	2200530	-	5	42	TTG	TAA	0	0	
mORF_-_2200511	2200511	2200582	-	6	72	GTG	TAA	0	0	
mORF_-_2200589	2200589	2200603	-	6	15	TTG	TGA	0	0	
mORF_-_2200639	2200639	2200698	-	5	60	GTG	TAA	0	0	
mORF_-_2200658	2200658	2200888	-	6	231	ATG	TAA	0	0	
mORF_-_2200729	2200729	2200848	-	5	120	GTG	TGA	0	0	
mORF_-_2200785	2200785	2200943	-	4	159	TTG	TAA	0	0	
mORF_-_2200948	2200948	2201049	-	5	102	TTG	TAG	0	0	
mORF_-_2200988	2200988	2201131	-	6	144	TTG	TGA	0	0	
mORF_-_2201040	2201040	2201201	-	4	162	TTG	TAA	1	7	pORF_-_2201040
mORF_-_2201137	2201137	2201220	-	5	84	GTG	TAA	0	0	
mORF_-_2201255	2201255	2201305	-	6	51	GTG	TGA	0	0	
mORF_-_2201295	2201295	2201351	-	4	57	ATG	TAG	0	0	
mORF_-_2201368	2201368	2201403	-	5	36	TTG	TAA	0	0	
mORF_-_2201393	2201393	2201509	-	6	117	ATG	TAA	0	0	
mORF_-_2201418	2201418	2201516	-	4	99	GTG	TAA	0	0	
mORF_-_2201422	2201422	2201556	-	5	135	GTG	TGA	0	0	
mORF_-_2201570	2201570	2201707	-	6	138	TTG	TAA	0	0	
mORF_-_2201620	2201620	2201637	-	5	18	TTG	TGA	0	0	
mORF_-_2201634	2201634	2201687	-	4	54	TTG	TGA	0	0	
mORF_-_2201689	2201689	2201736	-	5	48	ATG	TAA	0	0	
mORF_-_2201770	2201770	2201781	-	5	12	GTG	TAA	0	0	
mORF_-_2201778	2201778	2201795	-	4	18	GTG	TGA	0	0	
mORF_-_2201795	2201795	2201923	-	6	129	ATG	TAG	0	0	
mORF_-_2201863	2201863	2201913	-	5	51	GTG	TGA	0	0	
mORF_-_2201904	2201904	2201972	-	4	69	GTG	TAA	0	0	
mORF_-_2201920	2201920	2201955	-	5	36	TTG	TGA	0	0	
mORF_-_2201930	2201930	2201938	-	6	9	GTG	TAA	0	0	
mORF_-_2201976	2201976	2202080	-	4	105	ATG	TAA	0	0	
mORF_-_2202097	2202097	2202264	-	5	168	TTG	TAA	0	0	
mORF_-_2202132	2202132	2202152	-	4	21	TTG	TAG	0	0	
mORF_-_2202197	2202197	2202358	-	6	162	TTG	TAA	0	0	
mORF_-_2202279	2202279	2202299	-	4	21	TTG	TAG	0	0	
mORF_-_2202292	2202292	2202330	-	5	39	TTG	TGA	0	0	
mORF_-_2202327	2202327	2202380	-	4	54	ATG	TGA	0	0	
mORF_-_2202380	2202380	2202433	-	6	54	GTG	TAA	0	0	
mORF_-_2202385	2202385	2202492	-	5	108	GTG	TAA	0	0	
mORF_-_2202411	2202411	2202443	-	4	33	GTG	TAA	0	0	
mORF_-_2202489	2202489	2202548	-	4	60	TTG	TGA	0	0	
mORF_-_2202509	2202509	2202544	-	6	36	TTG	TAA	0	0	
mORF_-_2202541	2202541	2202564	-	5	24	ATG	TGA	0	0	
mORF_-_2202549	2202549	2202560	-	4	12	TTG	TAG	0	0	
mORF_-_2202586	2202586	2202594	-	5	9	ATG	TAA	0	0	

mORF_-_2202594	2202594	2202602	-	4	9	ATG	TAA	0	0
mORF_-_2202604	2202604	2202708	-	5	105	GTG	TGA	0	0
mORF_-_2202621	2202621	2202638	-	4	18	ATG	TGA	0	0
mORF_-_2202635	2202635	2202961	-	6	327	GTG	TGA	0	0
mORF_-_2202687	2202687	2202695	-	4	9	TTG	TAA	0	0
mORF_-_2202729	2202729	2202776	-	4	48	TTG	TAA	0	0
mORF_-_2202838	2202838	2202909	-	5	72	TTG	TAG	0	0
mORF_-_2202916	2202916	2202954	-	5	39	ATG	TAA	0	0
mORF_-_2202933	2202933	2203010	-	4	78	ATG	TAA	0	0
mORF_-_2202968	2202968	2202976	-	6	9	TTG	TGA	0	0
mORF_-_2202989	2202989	2203006	-	6	18	TTG	TAG	0	0
mORF_-_2203003	2203003	2203101	-	5	99	GTG	TGA	0	0
mORF_-_2203049	2203049	2203168	-	6	120	GTG	TGA	0	0
mORF_-_2203187	2203187	2203594	-	6	408	TTG	TAG	0	0
mORF_-_2203263	2203263	2203376	-	4	114	ATG	TAG	0	0
mORF_-_2203300	2203300	2203464	-	5	165	GTG	TAA	0	0
mORF_-_2203452	2203452	2203508	-	4	57	ATG	TGA	0	0
mORF_-_2203533	2203533	2203742	-	4	210	ATG	TAA	0	0
mORF_-_2203591	2203591	2203653	-	5	63	GTG	TGA	0	0
mORF_-_2203628	2203628	2203651	-	6	24	GTG	TAA	0	0
mORF_-_2203682	2203682	2203804	-	6	123	GTG	TGA	0	0
mORF_-_2203729	2203729	2203752	-	5	24	ATG	TAA	0	0
mORF_-_2203861	2203861	2203869	-	5	9	GTG	TAA	0	0
mORF_-_2203883	2203883	2204002	-	6	120	GTG	TAG	0	0
mORF_-_2203905	2203905	2203994	-	4	90	ATG	TGA	0	0
mORF_-_2203975	2203975	2204070	-	5	96	TTG	TAG	0	0
mORF_-_2204007	2204007	2204108	-	4	102	ATG	TAA	0	0
mORF_-_2204012	2204012	2204167	-	6	156	ATG	TGA	0	0
mORF_-_2204086	2204086	2204160	-	5	75	TTG	TAA	0	0
mORF_-_2204167	2204167	2204283	-	5	117	TTG	TAA	0	0
mORF_-_2204187	2204187	2204231	-	4	45	TTG	TAG	0	0
mORF_-_2204249	2204249	2204338	-	6	90	TTG	TAA	0	0
mORF_-_2204299	2204299	2204322	-	5	24	GTG	TAA	0	0
mORF_-_2204358	2204358	2204372	-	4	15	TTG	TGA	0	0
mORF_-_2204412	2204412	2204420	-	4	9	GTG	TAA	0	0
mORF_-_2204417	2204417	2204422	-	6	6	GTG	TGA	0	0
mORF_-_2204424	2204424	2204570	-	4	147	TTG	TAG	0	0
mORF_-_2204464	2204464	2204532	-	5	69	TTG	TGA	0	0
mORF_-_2204536	2204536	2204643	-	5	108	ATG	TAG	0	0
mORF_-_2204582	2204582	2204647	-	6	66	GTG	TAG	0	0
mORF_-_2204640	2204640	2204678	-	4	39	ATG	TGA	0	0
mORF_-_2204653	2204653	2204745	-	5	93	ATG	TAA	0	0
mORF_-_2204738	2204738	2204785	-	6	48	ATG	TAA	0	0
mORF_-_2204742	2204742	2204852	-	4	111	GTG	TGA	0	0
mORF_-_2204785	2204785	2204829	-	5	45	TTG	TAA	0	0
mORF_-_2204819	2204819	2204842	-	6	24	TTG	TAG	0	0
mORF_-_2204849	2204849	2204875	-	6	27	TTG	TGA	0	0
mORF_-_2204899	2204899	2204931	-	5	33	TTG	TAA	0	0
mORF_-_2204909	2204909	2205004	-	6	96	GTG	TAA	0	0
mORF_-_2204934	2204934	2205164	-	4	231	GTG	TGA	0	0
mORF_-_2204941	2204941	2204946	-	5	6	ATG	TAA	0	0
mORF_-_2205034	2205034	2205057	-	5	24	ATG	TAA	0	0
mORF_-_2205047	2205047	2205109	-	6	63	GTG	TAA	0	0
mORF_-_2205158	2205158	2205166	-	6	9	ATG	TGA	0	0
mORF_-_2205184	2205184	2205213	-	5	30	TTG	TAA	0	0
mORF_-_2205207	2205207	2205230	-	4	24	GTG	TGA	0	0
mORF_-_2205214	2205214	2205225	-	5	12	TTG	TAA	0	0
mORF_-_2205227	2205227	2205232	-	6	6	GTG	TGA	0	0
mORF_-_2205235	2205235	2205255	-	5	21	TTG	TAA	0	0
mORF_-_2205288	2205288	2205374	-	4	87	GTG	TAA	0	0
mORF_-_2205295	2205295	2205327	-	5	33	TTG	TAA	0	0
mORF_-_2205340	2205340	2205345	-	5	6	TTG	TAA	0	0
mORF_-_2205352	2205352	2205456	-	5	105	ATG	TAA	0	0

mORF_-_2205469	2205469	2205474	-	5	6	ATG	TAG	0	0	
mORF_-_2205482	2205482	2205724	-	6	243	ATG	TAA	0	0	
mORF_-_2205520	2205520	2205549	-	5	30	ATG	TAA	0	0	
mORF_-_2205546	2205546	2205608	-	4	63	TTG	TGA	0	0	
mORF_-_2205586	2205586	2205603	-	5	18	ATG	TAG	0	0	
mORF_-_2205646	2205646	2205747	-	5	102	ATG	TAA	0	0	
mORF_-_2205748	2205748	2205756	-	5	9	TTG	TAA	0	0	
mORF_-_2205776	2205776	2205964	-	6	189	ATG	TAA	0	0	
mORF_-_2205814	2205814	2206209	-	5	396	TTG	TAG	1	2	pORF_-_2205814
mORF_-_2205864	2205864	2205926	-	4	63	ATG	TGA	0	0	
mORF_-_2205936	2205936	2206184	-	4	249	TTG	TGA	0	0	
mORF_-_2206025	2206025	2206030	-	6	6	TTG	TAG	0	0	
mORF_-_2206040	2206040	2206108	-	6	69	GTG	TAA	0	0	
mORF_-_2206181	2206181	2206219	-	6	39	GTG	TGA	0	0	
mORF_-_2206216	2206216	2206221	-	5	6	GTG	TGA	0	0	
mORF_-_2206273	2206273	2206362	-	5	90	TTG	TAG	0	0	
mORF_-_2206340	2206340	2206366	-	6	27	ATG	TAG	0	0	
mORF_-_2206428	2206428	2206496	-	4	69	ATG	TAA	0	0	
mORF_-_2206456	2206456	2206611	-	5	156	ATG	TGA	0	0	
mORF_-_2206493	2206493	2206636	-	6	144	TTG	TGA	0	0	
mORF_-_2206497	2206497	2206505	-	4	9	GTG	TAA	0	0	
mORF_-_2206611	2206611	2206757	-	4	147	TTG	TAA	0	0	
mORF_-_2206643	2206643	2206687	-	6	45	GTG	TAA	0	0	
mORF_-_2206654	2206654	2206893	-	5	240	ATG	TGA	0	0	
mORF_-_2206718	2206718	2206738	-	6	21	ATG	TAA	0	0	
mORF_-_2206802	2206802	2206876	-	6	75	TTG	TAA	0	0	
mORF_-_2206893	2206893	2206934	-	4	42	ATG	TAA	0	0	
mORF_-_2206934	2206934	2207065	-	6	132	TTG	TAA	0	0	
mORF_-_2206945	2206945	2207007	-	5	63	GTG	TGA	0	0	
mORF_-_2206974	2206974	2207015	-	4	42	GTG	TGA	0	0	
mORF_-_2207020	2207020	2207076	-	5	57	ATG	TAG	0	0	
mORF_-_2207049	2207049	2207270	-	4	222	GTG	TAA	0	0	
mORF_-_2207120	2207120	2207158	-	6	39	GTG	TGA	0	0	
mORF_-_2207176	2207176	2207247	-	5	72	ATG	TAA	0	0	
mORF_-_2207260	2207260	2207361	-	5	102	ATG	TAA	0	0	
mORF_-_2207273	2207273	2207314	-	6	42	GTG	TGA	0	0	
mORF_-_2207325	2207325	2207345	-	4	21	TTG	TGA	0	0	
mORF_-_2207377	2207377	2207388	-	5	12	TTG	TAA	0	0	
mORF_-_2207385	2207385	2207405	-	4	21	GTG	TGA	0	0	
mORF_-_2207406	2207406	2207522	-	4	117	ATG	TGA	0	0	
mORF_-_2207411	2207411	2207443	-	6	33	TTG	TAG	0	0	
mORF_-_2207477	2207477	2207494	-	6	18	GTG	TAG	0	0	
mORF_-_2207516	2207516	2207638	-	6	123	GTG	TGA	1	3	pORF_-_2207516
mORF_-_2207563	2207563	2207709	-	5	147	ATG	TAA	0	0	
mORF_-_2207586	2207586	2207777	-	4	192	TTG	TAA	0	0	
mORF_-_2207710	2207710	2207736	-	5	27	GTG	TAA	0	0	
mORF_-_2207738	2207738	2207815	-	6	78	ATG	TGA	0	0	
mORF_-_2207743	2207743	2207802	-	5	60	TTG	TGA	0	0	
mORF_-_2207796	2207796	2207846	-	4	51	ATG	TGA	0	0	
mORF_-_2207815	2207815	2207850	-	5	36	ATG	TAA	0	0	
mORF_-_2207843	2207843	2207863	-	6	21	ATG	TGA	0	0	
mORF_-_2207850	2207850	2207897	-	4	48	TTG	TAA	0	0	
mORF_-_2207864	2207864	2208118	-	6	255	TTG	TGA	0	0	
mORF_-_2207920	2207920	2207970	-	5	51	GTG	TAG	0	0	
mORF_-_2207989	2207989	2207994	-	5	6	ATG	TAA	0	0	
mORF_-_2207994	2207994	2208104	-	4	111	ATG	TGA	0	0	
mORF_-_2208019	2208019	2208129	-	5	111	ATG	TAA	0	0	
mORF_-_2208145	2208145	2208177	-	5	33	ATG	TAA	0	0	
mORF_-_2208177	2208177	2208212	-	4	36	GTG	TAA	0	0	
mORF_-_2208184	2208184	2208228	-	5	45	GTG	TAA	0	0	
mORF_-_2208197	2208197	2208268	-	6	72	GTG	TAA	0	0	
mORF_-_2208265	2208265	2208324	-	5	60	TTG	TGA	0	0	
mORF_-_2208290	2208290	2208343	-	6	54	TTG	TAA	0	0	

mORF_-_2208297	2208297	2208503	-	4	207	ATG	TGA	0	0	
mORF_-_2208331	2208331	2208336	-	5	6	TTG	TGA	0	0	
mORF_-_2208388	2208388	2208426	-	5	39	TTG	TAA	0	0	
mORF_-_2208516	2208516	2208605	-	4	90	ATG	TGA	0	0	
mORF_-_2208605	2208605	2208664	-	6	60	GTG	TAA	0	0	
mORF_-_2208652	2208652	2208756	-	5	105	TTG	TGA	0	0	
mORF_-_2208666	2208666	2208683	-	4	18	ATG	TAA	0	0	
mORF_-_2208737	2208737	2208787	-	6	51	TTG	TGA	0	0	
mORF_-_2208818	2208818	2208832	-	6	15	GTG	TAG	0	0	
mORF_-_2208835	2208835	2208876	-	5	42	ATG	TAG	0	0	
mORF_-_2208901	2208901	2209092	-	5	192	TTG	TAA	0	0	
mORF_-_2208950	2208950	2208964	-	6	15	ATG	TAG	0	0	
mORF_-_2208957	2208957	2208986	-	4	30	GTG	TGA	0	0	
mORF_-_2208983	2208983	2209063	-	6	81	TTG	TGA	0	0	
mORF_-_2208999	2208999	2209103	-	4	105	ATG	TAA	0	0	
mORF_-_2209093	2209093	2209116	-	5	24	TTG	TAA	0	0	
mORF_-_2209146	2209146	2209169	-	4	24	GTG	TAG	0	0	
mORF_-_2209166	2209166	2209186	-	6	21	ATG	TGA	0	0	
mORF_-_2209179	2209179	2209214	-	4	36	GTG	TAA	0	0	
mORF_-_2209226	2209226	2209432	-	6	207	TTG	TAA	0	0	
mORF_-_2209243	2209243	2209374	-	5	132	ATG	TAA	0	0	
mORF_-_2209257	2209257	2209286	-	4	30	ATG	TGA	0	0	
mORF_-_2209384	2209384	2209425	-	5	42	TTG	TAG	0	0	
mORF_-_2209404	2209404	2209478	-	4	75	GTG	TAA	0	0	
mORF_-_2209429	2209429	2209509	-	5	81	ATG	TGA	0	0	
mORF_-_2209546	2209546	2209653	-	5	108	GTG	TAG	0	0	
mORF_-_2209610	2209610	2209723	-	6	114	ATG	TGA	0	0	
mORF_-_2209692	2209692	2209817	-	4	126	ATG	TAA	0	0	
mORF_-_2209720	2209720	2209743	-	5	24	TTG	TGA	0	0	
mORF_-_2209748	2209748	2210275	-	6	528	TTG	TAA	0	0	
mORF_-_2209759	2209759	2209785	-	5	27	GTG	TGA	0	0	
mORF_-_2209849	2209849	2209914	-	5	66	ATG	TGA	0	0	
mORF_-_2209948	2209948	2210022	-	5	75	ATG	TGA	0	0	
mORF_-_2210019	2210019	2210066	-	4	48	TTG	TGA	0	0	
mORF_-_2210026	2210026	2210163	-	5	138	ATG	TGA	0	0	
mORF_-_2210212	2210212	2210244	-	5	33	TTG	TAA	0	0	
mORF_-_2210226	2210226	2210252	-	4	27	ATG	TGA	0	0	
mORF_-_2210265	2210265	2210999	-	4	735	ATG	TAA	1	2	pORF_-_2210265
mORF_-_2210321	2210321	2210329	-	6	9	ATG	TAA	0	0	
mORF_-_2210453	2210453	2210500	-	6	48	GTG	TGA	0	0	
mORF_-_2210504	2210504	2210530	-	6	27	ATG	TGA	0	0	
mORF_-_2210557	2210557	2210571	-	5	15	TTG	TAG	0	0	
mORF_-_2210582	2210582	2210677	-	6	96	TTG	TGA	0	0	
mORF_-_2210684	2210684	2210932	-	6	249	GTG	TGA	0	0	
mORF_-_2210851	2210851	2210889	-	5	39	GTG	TAA	0	0	
mORF_-_2210948	2210948	2210968	-	6	21	TTG	TAG	0	0	
mORF_-_2210981	2210981	2212681	-	6	1701	GTG	TGA	0	0	
mORF_-_2211013	2211013	2211039	-	5	27	GTG	TAA	0	0	
mORF_-_2211049	2211049	2211078	-	5	30	GTG	TAA	0	0	
mORF_-_2211100	2211100	2211120	-	5	21	ATG	TGA	0	0	
mORF_-_2211124	2211124	2211147	-	5	24	ATG	TAA	0	0	
mORF_-_2211166	2211166	2211234	-	5	69	ATG	TGA	0	0	
mORF_-_2211253	2211253	2211366	-	5	114	ATG	TAG	0	0	
mORF_-_2211367	2211367	2211399	-	5	33	TTG	TGA	0	0	
mORF_-_2211484	2211484	2211510	-	5	27	ATG	TGA	0	0	
mORF_-_2211529	2211529	2211681	-	5	153	ATG	TGA	0	0	
mORF_-_2211700	2211700	2211720	-	5	21	GTG	TGA	0	0	
mORF_-_2211714	2211714	2211773	-	4	60	TTG	TGA	0	0	
mORF_-_2211730	2211730	2211822	-	5	93	TTG	TAA	0	0	
mORF_-_2211829	2211829	2211933	-	5	105	TTG	TAA	0	0	
mORF_-_2212027	2212027	2212065	-	5	39	TTG	TGA	0	0	
mORF_-_2212129	2212129	2212143	-	5	15	TTG	TGA	0	0	
mORF_-_2212150	2212150	2212191	-	5	42	TTG	TGA	0	0	

mORF_-_2212198	2212198	2212236	-	5	39	GTG	TGA	0	0	
mORF_-_2212282	2212282	2212320	-	5	39	TTG	TGA	0	0	
mORF_-_2212317	2212317	2212340	-	4	24	TTG	TGA	0	0	
mORF_-_2212387	2212387	2212404	-	5	18	GTG	TGA	0	0	
mORF_-_2212444	2212444	2212488	-	5	45	TTG	TAG	0	0	
mORF_-_2212590	2212590	2212625	-	4	36	GTG	TAA	0	0	
mORF_-_2212597	2212597	2212608	-	5	12	TTG	TAA	0	0	
mORF_-_2212612	2212612	2212707	-	5	96	ATG	TAG	0	0	
mORF_-_2212653	2212653	2212772	-	4	120	TTG	TAA	0	0	
mORF_-_2212688	2212688	2212768	-	6	81	GTG	TAA	0	0	
mORF_-_2212765	2212765	2212812	-	5	48	TTG	TGA	0	0	
mORF_-_2212794	2212794	2212877	-	4	84	TTG	TGA	0	0	
mORF_-_2212799	2212799	2212810	-	6	12	GTG	TAG	0	0	
mORF_-_2212826	2212826	2212903	-	6	78	TTG	TAG	0	0	
mORF_-_2212896	2212896	2212943	-	4	48	GTG	TAA	0	0	
mORF_-_2212945	2212945	2213142	-	5	198	TTG	TAA	0	0	
mORF_-_2213001	2213001	2213081	-	4	81	TTG	TGA	0	0	
mORF_-_2213096	2213096	2213149	-	6	54	ATG	TGA	0	0	
mORF_-_2213149	2213149	2213166	-	5	18	TTG	TAA	0	0	
mORF_-_2213157	2213157	2213201	-	4	45	TTG	TAA	0	0	
mORF_-_2213176	2213176	2213490	-	5	315	TTG	TAG	0	0	
mORF_-_2213198	2213198	2213233	-	6	36	GTG	TGA	0	0	
mORF_-_2213217	2213217	2213240	-	4	24	GTG	TAA	0	0	
mORF_-_2213234	2213234	2213242	-	6	9	GTG	TGA	0	0	
mORF_-_2213271	2213271	2213330	-	4	60	TTG	TGA	0	0	
mORF_-_2213327	2213327	2213359	-	6	33	GTG	TGA	0	0	
mORF_-_2213331	2213331	2213342	-	4	12	ATG	TAG	0	0	
mORF_-_2213403	2213403	2213414	-	4	12	GTG	TGA	0	0	
mORF_-_2213445	2213445	2213486	-	4	42	TTG	TGA	0	0	
mORF_-_2213483	2213483	2213521	-	6	39	ATG	TGA	0	0	
mORF_-_2213487	2213487	2213615	-	4	129	ATG	TGA	0	0	
mORF_-_2213503	2213503	2213595	-	5	93	ATG	TAG	0	0	
mORF_-_2213570	2213570	2213608	-	6	39	GTG	TGA	0	0	
mORF_-_2213616	2213616	2213666	-	4	51	ATG	TAA	0	0	
mORF_-_2213660	2213660	2213749	-	6	90	ATG	TAA	0	0	
mORF_-_2213727	2213727	2213807	-	4	81	TTG	TAA	0	0	
mORF_-_2213767	2213767	2214498	-	5	732	ATG	TAA	0	0	
mORF_-_2213859	2213859	2213864	-	4	6	ATG	TGA	0	0	
mORF_-_2213922	2213922	2213951	-	4	30	TTG	TAG	0	0	
mORF_-_2213988	2213988	2214035	-	4	48	GTG	TGA	0	0	
mORF_-_2214039	2214039	2214059	-	4	21	TTG	TGA	0	0	
mORF_-_2214066	2214066	2214125	-	4	60	GTG	TGA	0	0	
mORF_-_2214077	2214077	2214265	-	6	189	GTG	TGA	0	0	
mORF_-_2214135	2214135	2214164	-	4	30	TTG	TGA	0	0	
mORF_-_2214171	2214171	2214299	-	4	129	TTG	TGA	0	0	
mORF_-_2214303	2214303	2214413	-	4	111	TTG	TGA	0	0	
mORF_-_2214444	2214444	2214464	-	4	21	TTG	TGA	0	0	
mORF_-_2214495	2214495	2214584	-	4	90	ATG	TGA	0	0	
mORF_-_2214503	2214503	2215429	-	6	927	ATG	TAA	3	0	pORF_-_2214503
mORF_-_2214562	2214562	2214612	-	5	51	ATG	TGA	0	0	
mORF_-_2214622	2214622	2214747	-	5	126	ATG	TGA	0	0	
mORF_-_2214790	2214790	2214798	-	5	9	GTG	TAG	0	0	
mORF_-_2214808	2214808	2214867	-	5	60	TTG	TGA	0	0	
mORF_-_2214925	2214925	2214954	-	5	30	ATG	TAA	0	0	
mORF_-_2214958	2214958	2215047	-	5	90	GTG	TAA	0	0	
mORF_-_2215078	2215078	2215272	-	5	195	ATG	TAA	0	0	
mORF_-_2215098	2215098	2215118	-	4	21	ATG	TGA	0	0	
mORF_-_2215297	2215297	2215332	-	5	36	TTG	TGA	0	0	
mORF_-_2215333	2215333	2215425	-	5	93	TTG	TGA	0	0	
mORF_-_2215422	2215422	2216579	-	4	1158	GTG	TGA	1	2	pORF_-_2215422
mORF_-_2215442	2215442	2215495	-	6	54	TTG	TGA	0	0	
mORF_-_2215520	2215520	2215528	-	6	9	TTG	TAG	0	0	
mORF_-_2215525	2215525	2215977	-	5	453	GTG	TGA	0	0	

mORF_-_2215538	2215538	2215567	-	6	30	TTG	TAA	0	0	
mORF_-_2215583	2215583	2215594	-	6	12	TTG	TAA	0	0	
mORF_-_2215622	2215622	2215675	-	6	54	ATG	TGA	0	0	
mORF_-_2215697	2215697	2215729	-	6	33	ATG	TGA	0	0	
mORF_-_2215754	2215754	2215801	-	6	48	TTG	TAG	0	0	
mORF_-_2215829	2215829	2215885	-	6	57	TTG	TAG	0	0	
mORF_-_2215886	2215886	2215897	-	6	12	TTG	TGA	0	0	
mORF_-_2215925	2215925	2215999	-	6	75	TTG	TGA	0	0	
mORF_-_2216003	2216003	2216026	-	6	24	TTG	TAG	0	0	
mORF_-_2216036	2216036	2216068	-	6	33	ATG	TGA	0	0	
mORF_-_2216093	2216093	2216362	-	6	270	GTG	TAA	0	0	
mORF_-_2216107	2216107	2216175	-	5	69	GTG	TAA	0	0	
mORF_-_2216209	2216209	2216364	-	5	156	TTG	TAG	0	0	
mORF_-_2216377	2216377	2216448	-	5	72	GTG	TAA	0	0	
mORF_-_2216399	2216399	2216473	-	6	75	GTG	TGA	0	0	
mORF_-_2216560	2216560	2216718	-	5	159	GTG	TAA	0	0	
mORF_-_2216586	2216586	2217503	-	4	918	ATG	TAA	21	129	pORF_-_2216586
mORF_-_2216609	2216609	2216665	-	6	57	ATG	TGA	0	0	
mORF_-_2216666	2216666	2216689	-	6	24	ATG	TGA	0	0	
mORF_-_2216741	2216741	2216791	-	6	51	GTG	TGA	0	0	
mORF_-_2216828	2216828	2216863	-	6	36	ATG	TAG	0	0	
mORF_-_2216900	2216900	2216986	-	6	87	ATG	TGA	0	0	
mORF_-_2217053	2217053	2217094	-	6	42	ATG	TGA	0	0	
mORF_-_2217121	2217121	2217213	-	5	93	GTG	TAA	0	0	
mORF_-_2217149	2217149	2217283	-	6	135	GTG	TAA	0	0	
mORF_-_2217335	2217335	2217394	-	6	60	GTG	TGA	0	0	
mORF_-_2217491	2217491	2217517	-	6	27	ATG	TAA	0	0	
mORF_-_2217542	2217542	2217556	-	6	15	ATG	TAA	0	0	
mORF_-_2217574	2217574	2217627	-	5	54	ATG	TAA	0	0	
mORF_-_2217677	2217677	2217796	-	6	120	ATG	TAG	0	0	
mORF_-_2217706	2217706	2217714	-	5	9	ATG	TAG	0	0	
mORF_-_2217714	2217714	2220083	-	4	2370	ATG	TAA	52	244	pORF_-_2217714
mORF_-_2217821	2217821	2217832	-	6	12	TTG	TGA	0	0	
mORF_-_2217872	2217872	2217889	-	6	18	TTG	TGA	0	0	
mORF_-_2217929	2217929	2217934	-	6	6	ATG	TGA	0	0	
mORF_-_2217953	2217953	2217964	-	6	12	GTG	TAG	0	0	
mORF_-_2218004	2218004	2218018	-	6	15	GTG	TGA	0	0	
mORF_-_2218043	2218043	2218048	-	6	6	ATG	TGA	0	0	
mORF_-_2218073	2218073	2218153	-	6	81	ATG	TGA	0	0	
mORF_-_2218172	2218172	2218318	-	6	147	ATG	TGA	0	0	
mORF_-_2218397	2218397	2218408	-	6	12	TTG	TGA	0	0	
mORF_-_2218409	2218409	2218483	-	6	75	GTG	TGA	0	0	
mORF_-_2218487	2218487	2218537	-	6	51	TTG	TAG	0	0	
mORF_-_2218538	2218538	2218582	-	6	45	ATG	TGA	0	0	
mORF_-_2218589	2218589	2218669	-	6	81	ATG	TGA	0	0	
mORF_-_2218691	2218691	2218711	-	6	21	GTG	TGA	0	0	
mORF_-_2218733	2218733	2218774	-	6	42	TTG	TGA	0	0	
mORF_-_2218817	2218817	2218951	-	6	135	ATG	TGA	0	0	
mORF_-_2218961	2218961	2218981	-	6	21	ATG	TGA	0	0	
mORF_-_2219078	2219078	2219122	-	6	45	ATG	TGA	0	0	
mORF_-_2219129	2219129	2219197	-	6	69	ATG	TGA	0	0	
mORF_-_2219170	2219170	2219181	-	5	12	GTG	TAA	0	0	
mORF_-_2219258	2219258	2219311	-	6	54	ATG	TGA	0	0	
mORF_-_2219363	2219363	2219383	-	6	21	TTG	TAG	0	0	
mORF_-_2219402	2219402	2219533	-	6	132	ATG	TGA	0	0	
mORF_-_2219558	2219558	2219593	-	6	36	GTG	TGA	0	0	
mORF_-_2219606	2219606	2219689	-	6	84	TTG	TGA	0	0	
mORF_-_2219759	2219759	2219782	-	6	24	TTG	TAA	0	0	
mORF_-_2219843	2219843	2219872	-	6	30	TTG	TAA	0	0	
mORF_-_2219876	2219876	2219908	-	6	33	ATG	TGA	0	0	
mORF_-_2219924	2219924	2219950	-	6	27	ATG	TAA	0	0	
mORF_-_2219947	2219947	2220060	-	5	114	TTG	TGA	0	0	
mORF_-_2220008	2220008	2220157	-	6	150	TTG	TGA	0	0	

mORF_-_2220106	2220106	2220276	-	5	171	GTG	TGA	0	0	
mORF_-_2220162	2220162	2220194	-	4	33	GTG	TAG	0	0	
mORF_-_2220167	2220167	2220286	-	6	120	GTG	TAG	0	0	
mORF_-_2220273	2220273	2220278	-	4	6	GTG	TGA	0	0	
mORF_-_2220283	2220283	2220369	-	5	87	GTG	TGA	0	0	
mORF_-_2220308	2220308	2220316	-	6	9	TTG	TAG	0	0	
mORF_-_2220332	2220332	2220439	-	6	108	TTG	TGA	0	0	
mORF_-_2220372	2220372	2220623	-	4	252	GTG	TAG	0	0	
mORF_-_2220418	2220418	2220468	-	5	51	TTG	TAA	0	0	
mORF_-_2220479	2220479	2220541	-	6	63	TTG	TAA	0	0	
mORF_-_2220560	2220560	2220574	-	6	15	GTG	TAG	0	0	
mORF_-_2220578	2220578	2220841	-	6	264	TTG	TAG	0	0	
mORF_-_2220598	2220598	2220654	-	5	57	ATG	TGA	0	0	
mORF_-_2220636	2220636	2220701	-	4	66	TTG	TGA	0	0	
mORF_-_2220729	2220729	2220896	-	4	168	GTG	TAA	0	0	
mORF_-_2220838	2220838	2220930	-	5	93	GTG	TGA	0	0	
mORF_-_2220887	2220887	2220922	-	6	36	GTG	TAG	0	0	
mORF_-_2220954	2220954	2221139	-	4	186	GTG	TAA	0	0	
mORF_-_2221043	2221043	2221057	-	6	15	TTG	TAA	0	0	
mORF_-_2221148	2221148	2221246	-	6	99	GTG	TAG	0	0	
mORF_-_2221200	2221200	2221334	-	4	135	ATG	TAA	0	0	
mORF_-_2221316	2221316	2221348	-	6	33	ATG	TGA	0	0	
mORF_-_2221335	2221335	2221379	-	4	45	ATG	TAA	0	0	
mORF_-_2221376	2221376	2221420	-	6	45	TTG	TGA	0	0	
mORF_-_2221436	2221436	2221492	-	6	57	TTG	TAA	0	0	
mORF_-_2221441	2221441	2221530	-	5	90	TTG	TGA	0	0	
mORF_-_2221500	2221500	2221622	-	4	123	ATG	TAA	0	0	
mORF_-_2221538	2221538	2221657	-	6	120	TTG	TGA	0	0	
mORF_-_2221623	2221623	2221730	-	4	108	ATG	TAA	0	0	
mORF_-_2221675	2221675	2221959	-	5	285	GTG	TAA	0	0	
mORF_-_2221700	2221700	2221705	-	6	6	ATG	TAA	0	0	
mORF_-_2221758	2221758	2221805	-	4	48	ATG	TAG	0	0	
mORF_-_2221838	2221838	2221867	-	6	30	ATG	TAG	0	0	
mORF_-_2221926	2221926	2221949	-	4	24	ATG	TAA	0	0	
mORF_-_2221960	2221960	2222901	-	5	942	ATG	TAA	1	4	pORF_-_2221960
mORF_-_2222046	2222046	2222111	-	4	66	TTG	TGA	0	0	
mORF_-_2222144	2222144	2222173	-	6	30	TTG	TAA	0	0	
mORF_-_2222163	2222163	2222186	-	4	24	ATG	TGA	0	0	
mORF_-_2222322	2222322	2222345	-	4	24	TTG	TGA	0	0	
mORF_-_2222358	2222358	2222411	-	4	54	TTG	TAA	0	0	
mORF_-_2222424	2222424	2222450	-	4	27	ATG	TGA	0	0	
mORF_-_2222451	2222451	2222498	-	4	48	TTG	TGA	0	0	
mORF_-_2222628	2222628	2222666	-	4	39	TTG	TAA	0	0	
mORF_-_2222679	2222679	2222699	-	4	21	TTG	TAA	0	0	
mORF_-_2222748	2222748	2222759	-	4	12	TTG	TGA	0	0	
mORF_-_2222760	2222760	2222837	-	4	78	TTG	TGA	0	0	
mORF_-_2222853	2222853	2222999	-	4	147	TTG	TGA	0	0	
mORF_-_2222864	2222864	2222983	-	6	120	TTG	TAG	0	0	
mORF_-_2222914	2222914	2222934	-	5	21	GTG	TGA	0	0	
mORF_-_2222971	2222971	2223093	-	5	123	ATG	TGA	0	0	
mORF_-_2222996	2222996	2223034	-	6	39	ATG	TGA	0	0	
mORF_-_2223035	2223035	2223046	-	6	12	TTG	TAA	0	0	
mORF_-_2223066	2223066	2223677	-	4	612	ATG	TAG	1	3	pORF_-_2223066
mORF_-_2223104	2223104	2223139	-	6	36	TTG	TAA	0	0	
mORF_-_2223163	2223163	2223261	-	5	99	GTG	TAG	0	0	
mORF_-_2223188	2223188	2223259	-	6	72	GTG	TGA	0	0	
mORF_-_2223296	2223296	2223346	-	6	51	TTG	TAA	0	0	
mORF_-_2223367	2223367	2223528	-	5	162	TTG	TAA	0	0	
mORF_-_2223470	2223470	2223517	-	6	48	TTG	TGA	0	0	
mORF_-_2223602	2223602	2223646	-	6	45	ATG	TGA	0	0	
mORF_-_2223613	2223613	2223693	-	5	81	TTG	TGA	0	0	
mORF_-_2223701	2223701	2223730	-	6	30	ATG	TGA	0	0	
mORF_-_2223712	2223712	2223804	-	5	93	TTG	TAA	0	0	

mORF_-_2223762	2223762	2223833	-	4	72	TTG	TGA	0	0	
mORF_-_2223830	2223830	2223838	-	6	9	GTG	TGA	0	0	
mORF_-_2223839	2223839	2223847	-	6	9	GTG	TAA	0	0	
mORF_-_2223844	2223844	2223927	-	5	84	ATG	TGA	0	0	
mORF_-_2223927	2223927	2223980	-	4	54	ATG	TGA	0	0	
mORF_-_2223999	2223999	2224028	-	4	30	TTG	TAG	0	0	
mORF_-_2224033	2224033	2224407	-	5	375	ATG	TAA	1	4	pORF_-_2224033
mORF_-_2224053	2224053	2224241	-	4	189	GTG	TGA	0	0	
mORF_-_2224124	2224124	2224216	-	6	93	ATG	TAA	0	0	
mORF_-_2224241	2224241	2224435	-	6	195	ATG	TAG	0	0	
mORF_-_2224260	2224260	2224286	-	4	27	TTG	TGA	0	0	
mORF_-_2224392	2224392	2224574	-	4	183	ATG	TGA	0	0	
mORF_-_2224498	2224498	2224521	-	5	24	GTG	TAA	0	0	
mORF_-_2224523	2224523	2224627	-	6	105	GTG	TGA	0	0	
mORF_-_2224531	2224531	2225304	-	5	774	GTG	TAG	3	9	pORF_-_2224531
mORF_-_2224581	2224581	2224661	-	4	81	TTG	TGA	0	0	
mORF_-_2224698	2224698	2224721	-	4	24	ATG	TGA	0	0	
mORF_-_2224803	2224803	2224868	-	4	66	ATG	TAA	0	0	
mORF_-_2224865	2224865	2224942	-	6	78	ATG	TGA	0	0	
mORF_-_2224911	2224911	2225003	-	4	93	TTG	TGA	0	0	
mORF_-_2224961	2224961	2224984	-	6	24	GTG	TGA	0	0	
mORF_-_2225019	2225019	2225033	-	4	15	ATG	TGA	0	0	
mORF_-_2225037	2225037	2225135	-	4	99	GTG	TGA	0	0	
mORF_-_2225151	2225151	2225282	-	4	132	TTG	TAG	0	0	
mORF_-_2225210	2225210	2225242	-	6	33	GTG	TGA	0	0	
mORF_-_2225305	2225305	2225508	-	5	204	TTG	TAA	0	0	
mORF_-_2225322	2225322	2225402	-	4	81	GTG	TAA	0	0	
mORF_-_2225345	2225345	2226541	-	6	1197	ATG	TGA	0	0	
mORF_-_2225512	2225512	2225604	-	5	93	ATG	TAG	0	0	
mORF_-_2225605	2225605	2225694	-	5	90	GTG	TGA	0	0	
mORF_-_2225764	2225764	2225778	-	5	15	ATG	TAA	0	0	
mORF_-_2225797	2225797	2225838	-	5	42	TTG	TGA	0	0	
mORF_-_2225845	2225845	2225919	-	5	75	ATG	TAA	0	0	
mORF_-_2225998	2225998	2226012	-	5	15	TTG	TAA	0	0	
mORF_-_2226019	2226019	2226090	-	5	72	TTG	TGA	0	0	
mORF_-_2226087	2226087	2226200	-	4	114	GTG	TGA	1	3	pORF_-_2226087
mORF_-_2226270	2226270	2226368	-	4	99	GTG	TAA	0	0	
mORF_-_2226340	2226340	2226348	-	5	9	TTG	TAA	0	0	
mORF_-_2226397	2226397	2226405	-	5	9	TTG	TGA	0	0	
mORF_-_2226415	2226415	2226489	-	5	75	TTG	TAA	0	0	
mORF_-_2226511	2226511	2226564	-	5	54	ATG	TAG	0	0	
mORF_-_2226571	2226571	2226870	-	5	300	TTG	TAA	0	0	
mORF_-_2226588	2226588	2226626	-	4	39	TTG	TAA	0	0	
mORF_-_2226633	2226633	2226659	-	4	27	TTG	TGA	0	0	
mORF_-_2226684	2226684	2226716	-	4	33	GTG	TAA	0	0	
mORF_-_2226701	2226701	2226718	-	6	18	GTG	TGA	0	0	
mORF_-_2226729	2226729	2226773	-	4	45	GTG	TGA	0	0	
mORF_-_2226791	2226791	2226856	-	6	66	TTG	TGA	0	0	
mORF_-_2226861	2226861	2226899	-	4	39	GTG	TGA	0	0	
mORF_-_2226927	2226927	2226983	-	4	57	GTG	TAA	0	0	
mORF_-_2226973	2226973	2226987	-	5	15	GTG	TAA	0	0	
mORF_-_2226984	2226984	2227004	-	4	21	TTG	TGA	0	0	
mORF_-_2227071	2227071	2227103	-	4	33	ATG	TAA	0	0	
mORF_-_2227103	2227103	2227165	-	6	63	ATG	TGA	0	0	
mORF_-_2227129	2227129	2227140	-	5	12	ATG	TGA	0	0	
mORF_-_2227156	2227156	2227230	-	5	75	GTG	TGA	0	0	
mORF_-_2227170	2227170	2227250	-	4	81	TTG	TGA	0	0	
mORF_-_2227178	2227178	2227189	-	6	12	TTG	TGA	0	0	
mORF_-_2227277	2227277	2227402	-	6	126	TTG	TAA	0	0	
mORF_-_2227290	2227290	2227343	-	4	54	ATG	TAG	0	0	
mORF_-_2227333	2227333	2227398	-	5	66	TTG	TGA	0	0	
mORF_-_2227412	2227412	2227450	-	6	39	GTG	TAG	0	0	
mORF_-_2227426	2227426	2227440	-	5	15	TTG	TAG	0	0	

mORF_-_2227450	2227450	2227500	-	5	51	TTG	TAG	0	0
mORF_-_2227460	2227460	2228473	-	6	1014	TTG	TAA	0	0
mORF_-_2227516	2227516	2227554	-	5	39	ATG	TGA	0	0
mORF_-_2227563	2227563	2227583	-	4	21	GTG	TAA	0	0
mORF_-_2227576	2227576	2227659	-	5	84	TTG	TGA	0	0
mORF_-_2227587	2227587	2227673	-	4	87	GTG	TAA	0	0
mORF_-_2227689	2227689	2227775	-	4	87	ATG	TAA	0	0
mORF_-_2227708	2227708	2227740	-	5	33	TTG	TGA	0	0
mORF_-_2227744	2227744	2227815	-	5	72	TTG	TGA	0	0
mORF_-_2227828	2227828	2227968	-	5	141	GTG	TGA	0	0
mORF_-_2227993	2227993	2228043	-	5	51	GTG	TGA	0	0
mORF_-_2228097	2228097	2228183	-	4	87	ATG	TAA	0	0
mORF_-_2228146	2228146	2228160	-	5	15	GTG	TAG	0	0
mORF_-_2228253	2228253	2228324	-	4	72	GTG	TGA	0	0
mORF_-_2228278	2228278	2228310	-	5	33	TTG	TAA	0	0
mORF_-_2228347	2228347	2228421	-	5	75	TTG	TGA	0	0
mORF_-_2228452	2228452	2228595	-	5	144	GTG	TGA	0	0
mORF_-_2228460	2228460	2228537	-	4	78	ATG	TAA	0	0
mORF_-_2228599	2228599	2228631	-	5	33	ATG	TAA	0	0
mORF_-_2228606	2228606	2228665	-	6	60	ATG	TAA	0	0
mORF_-_2228628	2228628	2228675	-	4	48	TTG	TGA	0	0
mORF_-_2228644	2228644	2228658	-	5	15	GTG	TAA	0	0
mORF_-_2228699	2228699	2228827	-	6	129	TTG	TAA	0	0
mORF_-_2228739	2228739	2228804	-	4	66	TTG	TAG	0	0
mORF_-_2228764	2228764	2228817	-	5	54	TTG	TGA	0	0
mORF_-_2228852	2228852	2228893	-	6	42	ATG	TAG	0	0
mORF_-_2228862	2228862	2229002	-	4	141	GTG	TAG	0	0
mORF_-_2228890	2228890	2228919	-	5	30	GTG	TGA	0	0
mORF_-_2228950	2228950	2229189	-	5	240	ATG	TGA	0	0
mORF_-_2229033	2229033	2229113	-	4	81	GTG	TGA	0	0
mORF_-_2229132	2229132	2229152	-	4	21	TTG	TAA	0	0
mORF_-_2229224	2229224	2229241	-	6	18	TTG	TAG	0	0
mORF_-_2229262	2229262	2229561	-	5	300	TTG	TAG	0	0
mORF_-_2229281	2229281	2229286	-	6	6	GTG	TAG	0	0
mORF_-_2229327	2229327	2229407	-	4	81	TTG	TAA	0	0
mORF_-_2229419	2229419	2229598	-	6	180	GTG	TGA	0	0
mORF_-_2229432	2229432	2229476	-	4	45	TTG	TAG	0	0
mORF_-_2229477	2229477	2229533	-	4	57	ATG	TGA	0	0
mORF_-_2229537	2229537	2229647	-	4	111	ATG	TAA	0	0
mORF_-_2229668	2229668	2229784	-	6	117	ATG	TAA	0	0
mORF_-_2229681	2229681	2229698	-	4	18	GTG	TAA	0	0
mORF_-_2229797	2229797	2229817	-	6	21	GTG	TGA	0	0
mORF_-_2229802	2229802	2229819	-	5	18	TTG	TGA	0	0
mORF_-_2229835	2229835	2229867	-	5	33	ATG	TAA	0	0
mORF_-_2229843	2229843	2229923	-	4	81	GTG	TAA	0	0
mORF_-_2229851	2229851	2229976	-	6	126	TTG	TAA	0	0
mORF_-_2229880	2229880	2230131	-	5	252	TTG	TGA	0	0
mORF_-_2229930	2229930	2230067	-	4	138	ATG	TAG	0	0
mORF_-_2230031	2230031	2230474	-	6	444	GTG	TAG	0	0
mORF_-_2230077	2230077	2230091	-	4	15	TTG	TAA	0	0
mORF_-_2230140	2230140	2230154	-	4	15	TTG	TAA	0	0
mORF_-_2230168	2230168	2230233	-	5	66	GTG	TGA	0	0
mORF_-_2230240	2230240	2230245	-	5	6	GTG	TAG	0	0
mORF_-_2230269	2230269	2230328	-	4	60	GTG	TAA	0	0
mORF_-_2230380	2230380	2230496	-	4	117	TTG	TAA	0	0
mORF_-_2230441	2230441	2230476	-	5	36	ATG	TGA	0	0
mORF_-_2230533	2230533	2230562	-	4	30	ATG	TGA	0	0
mORF_-_2230543	2230543	2230614	-	5	72	TTG	TAG	0	0
mORF_-_2230563	2230563	2230580	-	4	18	GTG	TGA	0	0
mORF_-_2230595	2230595	2230846	-	6	252	TTG	TAA	0	0
mORF_-_2230611	2230611	2230901	-	4	291	ATG	TGA	0	0
mORF_-_2230678	2230678	2230692	-	5	15	GTG	TGA	0	0
mORF_-_2230919	2230919	2231062	-	6	144	TTG	TGA	0	0

mORF_-_2230927	2230927	2231112	-	5	186	TTG	TAA	0	0
mORF_-_2231100	2231100	2231108	-	4	9	ATG	TAG	0	0
mORF_-_2231120	2231120	2231296	-	6	177	GTG	TAA	0	0
mORF_-_2231155	2231155	2231181	-	5	27	TTG	TAA	0	0
mORF_-_2231184	2231184	2231210	-	4	27	TTG	TAA	0	0
mORF_-_2231239	2231239	2231346	-	5	108	GTG	TGA	0	0
mORF_-_2231256	2231256	2231333	-	4	78	GTG	TAA	0	0
mORF_-_2231330	2231330	2231359	-	6	30	ATG	TGA	0	0
mORF_-_2231359	2231359	2231376	-	5	18	ATG	TAA	0	0
mORF_-_2231363	2231363	2231413	-	6	51	GTG	TAA	0	0
mORF_-_2231478	2231478	2231576	-	4	99	GTG	TAA	0	0
mORF_-_2231506	2231506	2231538	-	5	33	GTG	TAA	0	0
mORF_-_2231573	2231573	2231578	-	6	6	GTG	TGA	0	0
mORF_-_2231596	2231596	2231610	-	5	15	TTG	TAA	0	0
mORF_-_2231662	2231662	2231691	-	5	30	ATG	TAA	0	0
mORF_-_2231728	2231728	2231802	-	5	75	ATG	TAA	0	0
mORF_-_2231789	2231789	2231833	-	6	45	ATG	TAA	0	0
mORF_-_2231897	2231897	2231926	-	6	30	GTG	TAA	0	0
mORF_-_2231923	2231923	2231928	-	5	6	ATG	TGA	0	0
mORF_-_2231931	2231931	2231960	-	4	30	GTG	TAG	0	0
mORF_-_2231941	2231941	2231979	-	5	39	GTG	TAG	0	0
mORF_-_2231994	2231994	2232002	-	4	9	ATG	TGA	0	0
mORF_-_2232025	2232025	2232066	-	5	42	TTG	TAA	0	0
mORF_-_2232033	2232033	2232041	-	4	9	ATG	TAG	0	0
mORF_-_2232051	2232051	2232056	-	4	6	ATG	TGA	0	0
mORF_-_2232069	2232069	2232086	-	4	18	GTG	TAA	0	0
mORF_-_2232113	2232113	2232175	-	6	63	GTG	TAA	0	0
mORF_-_2232136	2232136	2232144	-	5	9	GTG	TAA	0	0
mORF_-_2232194	2232194	2232205	-	6	12	TTG	TAA	0	0
mORF_-_2232207	2232207	2232341	-	4	135	ATG	TAG	0	0
mORF_-_2232221	2232221	2232241	-	6	21	TTG	TAA	0	0
mORF_-_2232298	2232298	2232306	-	5	9	TTG	TAA	0	0
mORF_-_2232355	2232355	2232561	-	5	207	TTG	TAA	0	0
mORF_-_2232405	2232405	2232431	-	4	27	TTG	TGA	0	0
mORF_-_2232440	2232440	2232487	-	6	48	TTG	TAA	0	0
mORF_-_2232495	2232495	2232506	-	4	12	GTG	TAA	0	0
mORF_-_2232510	2232510	2232866	-	4	357	GTG	TAA	0	0
mORF_-_2232568	2232568	2232576	-	5	9	TTG	TAA	0	0
mORF_-_2232626	2232626	2232655	-	6	30	GTG	TAA	0	0
mORF_-_2232698	2232698	2232784	-	6	87	GTG	TGA	0	0
mORF_-_2232727	2232727	2232816	-	5	90	TTG	TAG	0	0
mORF_-_2232803	2232803	2232823	-	6	21	ATG	TGA	0	0
mORF_-_2232827	2232827	2232934	-	6	108	TTG	TAA	0	0
mORF_-_2232885	2232885	2233022	-	4	138	GTG	TGA	0	0
mORF_-_2232916	2232916	2233032	-	5	117	ATG	TAA	0	0
mORF_-_2233039	2233039	2233095	-	5	57	ATG	TAA	0	0
mORF_-_2233089	2233089	2233145	-	4	57	TTG	TGA	0	0
mORF_-_2233120	2233120	2233266	-	5	147	GTG	TAA	0	0
mORF_-_2233142	2233142	2233369	-	6	228	TTG	TGA	0	0
mORF_-_2233155	2233155	2233211	-	4	57	TTG	TAA	0	0
mORF_-_2233290	2233290	2234030	-	4	741	ATG	TAA	0	0
mORF_-_2233373	2233373	2233390	-	6	18	TTG	TAG	0	0
mORF_-_2233394	2233394	2233450	-	6	57	TTG	TAG	0	0
mORF_-_2233472	2233472	2233510	-	6	39	TTG	TGA	0	0
mORF_-_2233580	2233580	2233612	-	6	33	ATG	TAA	0	0
mORF_-_2233609	2233609	2233797	-	5	189	TTG	TGA	0	0
mORF_-_2233712	2233712	2233909	-	6	198	TTG	TGA	0	0
mORF_-_2233922	2233922	2234011	-	6	90	ATG	TGA	0	0
mORF_-_2234008	2234008	2234052	-	5	45	TTG	TGA	0	0
mORF_-_2234012	2234012	2234143	-	6	132	ATG	TGA	0	0
mORF_-_2234053	2234053	2234118	-	5	66	TTG	TGA	0	0
mORF_-_2234121	2234121	2234192	-	4	72	ATG	TAA	0	0
mORF_-_2234140	2234140	2234178	-	5	39	TTG	TGA	0	0

mORF_-_2234204	2234204	2234251	-	6	48	TTG	TGA	0	0	
mORF_-_2234271	2234271	2234543	-	4	273	ATG	TAA	0	0	
mORF_-_2234291	2234291	2234305	-	6	15	TTG	TAG	0	0	
mORF_-_2234302	2234302	2234397	-	5	96	GTG	TGA	0	0	
mORF_-_2234360	2234360	2234395	-	6	36	GTG	TGA	0	0	
mORF_-_2234441	2234441	2234536	-	6	96	ATG	TGA	0	0	
mORF_-_2234485	2234485	2234601	-	5	117	TTG	TAA	0	0	
mORF_-_2234586	2234586	2234597	-	4	12	ATG	TAG	0	0	
mORF_-_2234603	2234603	2234659	-	6	57	ATG	TGA	0	0	
mORF_-_2234617	2234617	2234715	-	5	99	GTG	TAA	0	0	
mORF_-_2234702	2234702	2234722	-	6	21	ATG	TAG	0	0	
mORF_-_2234727	2234727	2234759	-	4	33	ATG	TAA	0	0	
mORF_-_2234737	2234737	2234763	-	5	27	GTG	TAA	0	0	
mORF_-_2234760	2234760	2234768	-	4	9	ATG	TGA	0	0	
mORF_-_2234765	2234765	2235775	-	6	1011	ATG	TGA	0	0	
mORF_-_2234772	2234772	2234963	-	4	192	GTG	TAA	0	0	
mORF_-_2234866	2234866	2234874	-	5	9	ATG	TGA	0	0	
mORF_-_2234905	2234905	2234916	-	5	12	TTG	TGA	0	0	
mORF_-_2234917	2234917	2234949	-	5	33	GTG	TGA	0	0	
mORF_-_2234953	2234953	2234985	-	5	33	ATG	TAG	0	0	
mORF_-_2235031	2235031	2235051	-	5	21	ATG	TAG	0	0	
mORF_-_2235088	2235088	2235201	-	5	114	TTG	TGA	0	0	
mORF_-_2235153	2235153	2235176	-	4	24	GTG	TAA	0	0	
mORF_-_2235202	2235202	2235339	-	5	138	ATG	TGA	0	0	
mORF_-_2235421	2235421	2235444	-	5	24	TTG	TGA	0	0	
mORF_-_2235445	2235445	2235462	-	5	18	TTG	TGA	0	0	
mORF_-_2235547	2235547	2235588	-	5	42	TTG	TAG	0	0	
mORF_-_2235589	2235589	2235603	-	5	15	GTG	TAA	0	0	
mORF_-_2235763	2235763	2235771	-	5	9	GTG	TAA	0	0	
mORF_-_2235772	2235772	2235870	-	5	99	ATG	TGA	0	0	
mORF_-_2235791	2235791	2237311	-	6	1521	ATG	TAA	7	15	pORF_-_2235791
mORF_-_2235901	2235901	2235966	-	5	66	TTG	TAG	0	0	
mORF_-_2235967	2235967	2236020	-	5	54	ATG	TAA	0	0	
mORF_-_2236045	2236045	2236062	-	5	18	TTG	TAA	0	0	
mORF_-_2236066	2236066	2236101	-	5	36	TTG	TGA	0	0	
mORF_-_2236126	2236126	2236143	-	5	18	TTG	TAA	0	0	
mORF_-_2236140	2236140	2236151	-	4	12	GTG	TGA	0	0	
mORF_-_2236165	2236165	2236191	-	5	27	TTG	TGA	0	0	
mORF_-_2236222	2236222	2236254	-	5	33	ATG	TAA	0	0	
mORF_-_2236282	2236282	2236299	-	5	18	ATG	TAA	0	0	
mORF_-_2236303	2236303	2236320	-	5	18	ATG	TAA	0	0	
mORF_-_2236351	2236351	2236470	-	5	120	ATG	TAA	0	0	
mORF_-_2236498	2236498	2236575	-	5	78	TTG	TGA	0	0	
mORF_-_2236560	2236560	2236634	-	4	75	GTG	TAA	0	0	
mORF_-_2236603	2236603	2236707	-	5	105	TTG	TGA	0	0	
mORF_-_2236662	2236662	2236667	-	4	6	ATG	TGA	0	0	
mORF_-_2236771	2236771	2236791	-	5	21	ATG	TAA	0	0	
mORF_-_2236798	2236798	2236803	-	5	6	TTG	TGA	0	0	
mORF_-_2236840	2236840	2236953	-	5	114	TTG	TGA	0	0	
mORF_-_2236908	2236908	2236985	-	4	78	GTG	TGA	0	0	
mORF_-_2237020	2237020	2237133	-	5	114	TTG	TAA	0	0	
mORF_-_2237088	2237088	2237141	-	4	54	ATG	TAA	0	0	
mORF_-_2237143	2237143	2237166	-	5	24	GTG	TAA	0	0	
mORF_-_2237179	2237179	2237187	-	5	9	ATG	TAA	0	0	
mORF_-_2237209	2237209	2237238	-	5	30	GTG	TAA	0	0	
mORF_-_2237232	2237232	2237333	-	4	102	ATG	TAA	0	0	
mORF_-_2237263	2237263	2237337	-	5	75	TTG	TGA	0	0	
mORF_-_2237318	2237318	2237365	-	6	48	TTG	TAA	0	0	
mORF_-_2237372	2237372	2238370	-	6	999	ATG	TAA	66	1660	pORF_-_2237372
mORF_-_2237407	2237407	2237532	-	5	126	ATG	TAG	0	0	
mORF_-_2237536	2237536	2237559	-	5	24	GTG	TGA	0	0	
mORF_-_2237566	2237566	2237604	-	5	39	TTG	TGA	0	0	
mORF_-_2237635	2237635	2237667	-	5	33	ATG	TGA	0	0	

mORF_-_2237730	2237730	2237756	-	4	27	GTG	TAA	0	0	
mORF_-_2237815	2237815	2237859	-	5	45	GTG	TGA	0	0	
mORF_-_2237856	2237856	2237906	-	4	51	TTG	TGA	0	0	
mORF_-_2237896	2237896	2237934	-	5	39	TTG	TGA	0	0	
mORF_-_2237935	2237935	2238072	-	5	138	TTG	TGA	0	0	
mORF_-_2238073	2238073	2238099	-	5	27	TTG	TGA	0	0	
mORF_-_2238121	2238121	2238186	-	5	66	ATG	TGA	0	0	
mORF_-_2238190	2238190	2238231	-	5	42	TTG	TGA	0	0	
mORF_-_2238280	2238280	2238318	-	5	39	GTG	TAA	0	0	
mORF_-_2238434	2238434	2238487	-	6	54	ATG	TAA	0	0	
mORF_-_2238445	2238445	2238465	-	5	21	GTG	TAA	0	0	
mORF_-_2238462	2238462	2238560	-	4	99	GTG	TGA	0	0	
mORF_-_2238535	2238535	2238546	-	5	12	TTG	TAA	0	0	
mORF_-_2238563	2238563	2238595	-	6	33	TTG	TAA	0	0	
mORF_-_2238574	2238574	2238579	-	5	6	TTG	TAA	0	0	
mORF_-_2238582	2238582	2238632	-	4	51	GTG	TAA	0	0	
mORF_-_2238605	2238605	2238610	-	6	6	ATG	TGA	0	0	
mORF_-_2238613	2238613	2238690	-	5	78	ATG	TAA	0	0	
mORF_-_2238650	2238650	2239696	-	6	1047	GTG	TAA	0	0	
mORF_-_2238721	2238721	2238759	-	5	39	TTG	TAG	0	0	
mORF_-_2238796	2238796	2238816	-	5	21	TTG	TAG	0	0	
mORF_-_2238835	2238835	2238915	-	5	81	ATG	TAA	0	0	
mORF_-_2238931	2238931	2239050	-	5	120	TTG	TGA	0	0	
mORF_-_2239084	2239084	2239092	-	5	9	GTG	TGA	0	0	
mORF_-_2239093	2239093	2239155	-	5	63	TTG	TGA	0	0	
mORF_-_2239174	2239174	2239251	-	5	78	TTG	TGA	0	0	
mORF_-_2239212	2239212	2239229	-	4	18	TTG	TAA	0	0	
mORF_-_2239261	2239261	2239311	-	5	51	GTG	TAA	0	0	
mORF_-_2239312	2239312	2239332	-	5	21	TTG	TGA	0	0	
mORF_-_2239333	2239333	2239341	-	5	9	ATG	TGA	0	0	
mORF_-_2239341	2239341	2239346	-	4	6	TTG	TAA	0	0	
mORF_-_2239357	2239357	2239395	-	5	39	ATG	TAA	0	0	
mORF_-_2239456	2239456	2239479	-	5	24	ATG	TAA	0	0	
mORF_-_2239492	2239492	2239569	-	5	78	GTG	TGA	0	0	
mORF_-_2239582	2239582	2239605	-	5	24	GTG	TAA	0	0	
mORF_-_2239669	2239669	2239677	-	5	9	GTG	TAG	0	0	
mORF_-_2239738	2239738	2239752	-	5	15	GTG	TAG	0	0	
mORF_-_2239746	2239746	2239781	-	4	36	GTG	TGA	0	0	
mORF_-_2239778	2239778	2239786	-	6	9	TTG	TGA	0	0	
mORF_-_2239810	2239810	2239869	-	5	60	GTG	TAA	0	0	
mORF_-_2239832	2239832	2240989	-	6	1158	ATG	TAA	1	2	pORF_-_2239832
mORF_-_2239845	2239845	2239958	-	4	114	ATG	TAA	0	0	
mORF_-_2239876	2239876	2239995	-	5	120	TTG	TAA	0	0	
mORF_-_2239992	2239992	2240036	-	4	45	TTG	TGA	0	0	
mORF_-_2240062	2240062	2240094	-	5	33	TTG	TGA	0	0	
mORF_-_2240103	2240103	2240234	-	4	132	ATG	TAA	0	0	
mORF_-_2240113	2240113	2240172	-	5	60	GTG	TGA	0	0	
mORF_-_2240173	2240173	2240205	-	5	33	GTG	TGA	0	0	
mORF_-_2240263	2240263	2240286	-	5	24	TTG	TGA	0	0	
mORF_-_2240344	2240344	2240358	-	5	15	TTG	TGA	0	0	
mORF_-_2240365	2240365	2240499	-	5	135	ATG	TGA	0	0	
mORF_-_2240536	2240536	2240562	-	5	27	TTG	TGA	0	0	
mORF_-_2240605	2240605	2240619	-	5	15	ATG	TAA	0	0	
mORF_-_2240725	2240725	2240796	-	5	72	TTG	TAA	0	0	
mORF_-_2240812	2240812	2240913	-	5	102	TTG	TGA	0	0	
mORF_-_2240829	2240829	2240849	-	4	21	ATG	TGA	0	0	
mORF_-_2240926	2240926	2240964	-	5	39	TTG	TAA	0	0	
mORF_-_2241002	2241002	2241118	-	6	117	GTG	TAA	0	0	
mORF_-_2241006	2241006	2241674	-	4	669	ATG	TGA	40	1604	pORF_-_2241006
mORF_-_2241125	2241125	2241193	-	6	69	TTG	TGA	0	0	
mORF_-_2241209	2241209	2241253	-	6	45	TTG	TGA	0	0	
mORF_-_2241278	2241278	2241343	-	6	66	GTG	TGA	0	0	
mORF_-_2241353	2241353	2241385	-	6	33	ATG	TGA	0	0	

mORF_-_2241392	2241392	2241463	-	6	72	ATG	TGA	0	0	
mORF_-_2241494	2241494	2241505	-	6	12	ATG	TGA	0	0	
mORF_-_2241542	2241542	2241628	-	6	87	TTG	TGA	0	0	
mORF_-_2241629	2241629	2241640	-	6	12	ATG	TAG	0	0	
mORF_-_2241658	2241658	2241771	-	5	114	GTG	TAA	0	0	
mORF_-_2241675	2241675	2241722	-	4	48	TTG	TAA	0	0	
mORF_-_2241738	2241738	2241821	-	4	84	ATG	TAA	0	0	
mORF_-_2241749	2241749	2241787	-	6	39	GTG	TAA	0	0	
mORF_-_2241796	2241796	2241849	-	5	54	TTG	TAA	0	0	
mORF_-_2241831	2241831	2241929	-	4	99	GTG	TAA	0	0	
mORF_-_2241865	2241865	2241933	-	5	69	ATG	TAA	0	0	
mORF_-_2241869	2241869	2241988	-	6	120	GTG	TGA	0	0	
mORF_-_2242001	2242001	2242051	-	6	51	GTG	TAA	0	0	
mORF_-_2242020	2242020	2242061	-	4	42	GTG	TGA	0	0	
mORF_-_2242048	2242048	2242200	-	5	153	TTG	TGA	0	0	
mORF_-_2242217	2242217	2242273	-	6	57	ATG	TAA	0	0	
mORF_-_2242237	2242237	2242251	-	5	15	GTG	TAA	0	0	
mORF_-_2242304	2242304	2242363	-	6	60	GTG	TAA	0	0	
mORF_-_2242318	2242318	2242353	-	5	36	ATG	TGA	0	0	
mORF_-_2242353	2242353	2242367	-	4	15	TTG	TAA	0	0	
mORF_-_2242364	2242364	2242378	-	6	15	GTG	TGA	0	0	
mORF_-_2242375	2242375	2242476	-	5	102	TTG	TGA	0	0	
mORF_-_2242389	2242389	2242442	-	4	54	TTG	TAA	0	0	
mORF_-_2242482	2242482	2242538	-	4	57	GTG	TAA	0	0	
mORF_-_2242489	2242489	2242506	-	5	18	TTG	TAG	0	0	
mORF_-_2242493	2242493	2242747	-	6	255	ATG	TAA	0	0	
mORF_-_2242705	2242705	2242713	-	5	9	ATG	TAG	0	0	
mORF_-_2242732	2242732	2242800	-	5	69	ATG	TGA	0	0	
mORF_-_2242757	2242757	2242885	-	6	129	TTG	TAA	0	0	
mORF_-_2242800	2242800	2244791	-	4	1992	ATG	TGA	79	1195	pORF_-_2242800
mORF_-_2242922	2242922	2243170	-	6	249	ATG	TGA	0	0	
mORF_-_2243125	2243125	2243166	-	5	42	ATG	TGA	0	0	
mORF_-_2243186	2243186	2243284	-	6	99	TTG	TGA	0	0	
mORF_-_2243345	2243345	2243404	-	6	60	GTG	TGA	0	0	
mORF_-_2243401	2243401	2243430	-	5	30	TTG	TGA	0	0	
mORF_-_2243450	2243450	2243485	-	6	36	GTG	TGA	0	0	
mORF_-_2243473	2243473	2243478	-	5	6	ATG	TAA	0	0	
mORF_-_2243567	2243567	2243620	-	6	54	GTG	TAA	0	0	
mORF_-_2243617	2243617	2243685	-	5	69	ATG	TGA	0	0	
mORF_-_2243657	2243657	2243698	-	6	42	TTG	TGA	0	0	
mORF_-_2243750	2243750	2243791	-	6	42	TTG	TGA	0	0	
mORF_-_2243761	2243761	2243781	-	5	21	ATG	TAG	0	0	
mORF_-_2243861	2243861	2243905	-	6	45	GTG	TAA	0	0	
mORF_-_2243902	2243902	2243940	-	5	39	TTG	TGA	0	0	
mORF_-_2243915	2243915	2244163	-	6	249	GTG	TGA	0	0	
mORF_-_2244188	2244188	2244208	-	6	21	TTG	TGA	0	0	
mORF_-_2244209	2244209	2244250	-	6	42	GTG	TAA	0	0	
mORF_-_2244247	2244247	2244303	-	5	57	ATG	TGA	0	0	
mORF_-_2244335	2244335	2244394	-	6	60	TTG	TAG	0	0	
mORF_-_2244425	2244425	2244457	-	6	33	ATG	TGA	0	0	
mORF_-_2244491	2244491	2244517	-	6	27	GTG	TGA	0	0	
mORF_-_2244554	2244554	2244586	-	6	33	ATG	TGA	0	0	
mORF_-_2244590	2244590	2244712	-	6	123	ATG	TGA	0	0	
mORF_-_2244709	2244709	2244756	-	5	48	GTG	TGA	0	0	
mORF_-_2244719	2244719	2244736	-	6	18	GTG	TAG	0	0	
mORF_-_2244779	2244779	2244796	-	6	18	ATG	TGA	0	0	
mORF_-_2244784	2244784	2244981	-	5	198	TTG	TAG	0	0	
mORF_-_2244837	2244837	2244851	-	4	15	GTG	TGA	0	0	
mORF_-_2244884	2244884	2244988	-	6	105	TTG	TAA	0	0	
mORF_-_2244936	2244936	2245070	-	4	135	TTG	TGA	0	0	
mORF_-_2244985	2244985	2244993	-	5	9	TTG	TGA	0	0	
mORF_-_2245004	2245004	2245015	-	6	12	ATG	TAA	0	0	
mORF_-_2245085	2245085	2246554	-	6	1470	ATG	TAA	2	4	pORF_-_2245085

mORF_-_2245143	2245143	2245166	-	4	24	TTG	TAA	0	0	
mORF_-_2245171	2245171	2245191	-	5	21	TTG	TGA	0	0	
mORF_-_2245204	2245204	2245221	-	5	18	TTG	TAG	0	0	
mORF_-_2245218	2245218	2245274	-	4	57	GTG	TGA	0	0	
mORF_-_2245267	2245267	2245389	-	5	123	TTG	TGA	0	0	
mORF_-_2245380	2245380	2245481	-	4	102	GTG	TAG	0	0	
mORF_-_2245429	2245429	2245461	-	5	33	TTG	TGA	0	0	
mORF_-_2245471	2245471	2245491	-	5	21	TTG	TGA	0	0	
mORF_-_2245492	2245492	2245605	-	5	114	ATG	TGA	0	0	
mORF_-_2245569	2245569	2245574	-	4	6	GTG	TGA	0	0	
mORF_-_2245657	2245657	2245731	-	5	75	ATG	TGA	0	0	
mORF_-_2245780	2245780	2245878	-	5	99	TTG	TGA	0	0	
mORF_-_2245885	2245885	2245917	-	5	33	TTG	TGA	0	0	
mORF_-_2245933	2245933	2245956	-	5	24	TTG	TGA	0	0	
mORF_-_2246026	2246026	2246052	-	5	27	TTG	TGA	0	0	
mORF_-_2246071	2246071	2246106	-	5	36	GTG	TGA	0	0	
mORF_-_2246094	2246094	2246186	-	4	93	GTG	TGA	0	0	
mORF_-_2246122	2246122	2246154	-	5	33	GTG	TGA	0	0	
mORF_-_2246191	2246191	2246220	-	5	30	TTG	TGA	0	0	
mORF_-_2246230	2246230	2246346	-	5	117	GTG	TGA	0	0	
mORF_-_2246374	2246374	2246382	-	5	9	TTG	TGA	0	0	
mORF_-_2246383	2246383	2246481	-	5	99	TTG	TGA	0	0	
mORF_-_2246503	2246503	2246571	-	5	69	ATG	TAA	0	0	
mORF_-_2246538	2246538	2246846	-	4	309	GTG	TAA	0	0	
mORF_-_2246573	2246573	2246629	-	6	57	GTG	TAA	0	0	
mORF_-_2246645	2246645	2246701	-	6	57	ATG	TGA	0	0	
mORF_-_2246662	2246662	2246772	-	5	111	ATG	TAA	0	0	
mORF_-_2246717	2246717	2246731	-	6	15	GTG	TGA	0	0	
mORF_-_2246759	2246759	2247640	-	6	882	ATG	TAA	6	24	pORF_-_2246759
mORF_-_2246857	2246857	2246886	-	5	30	GTG	TGA	0	0	
mORF_-_2246887	2246887	2246916	-	5	30	TTG	TAA	0	0	
mORF_-_2246913	2246913	2246936	-	4	24	TTG	TGA	0	0	
mORF_-_2246917	2246917	2246964	-	5	48	ATG	TGA	0	0	
mORF_-_2246986	2246986	2247069	-	5	84	GTG	TAG	0	0	
mORF_-_2247066	2247066	2247170	-	4	105	GTG	TGA	0	0	
mORF_-_2247100	2247100	2247225	-	5	126	TTG	TAG	0	0	
mORF_-_2247186	2247186	2247200	-	4	15	GTG	TGA	0	0	
mORF_-_2247250	2247250	2247507	-	5	258	TTG	TGA	0	0	
mORF_-_2247489	2247489	2247653	-	4	165	GTG	TGA	0	0	
mORF_-_2247565	2247565	2247591	-	5	27	GTG	TGA	0	0	
mORF_-_2247595	2247595	2247609	-	5	15	TTG	TGA	0	0	
mORF_-_2247667	2247667	2247684	-	5	18	TTG	TAA	0	0	
mORF_-_2247714	2247714	2247920	-	4	207	ATG	TAA	0	0	
mORF_-_2247749	2247749	2247775	-	6	27	GTG	TGA	0	0	
mORF_-_2247754	2247754	2247783	-	5	30	ATG	TAA	0	0	
mORF_-_2247878	2247878	2247889	-	6	12	TTG	TGA	0	0	
mORF_-_2247907	2247907	2247972	-	5	66	TTG	TAA	0	0	
mORF_-_2247921	2247921	2247995	-	4	75	ATG	TAG	0	0	
mORF_-_2247979	2247979	2248581	-	5	603	GTG	TAA	0	0	
mORF_-_2247999	2247999	2248136	-	4	138	GTG	TAA	0	0	
mORF_-_2248055	2248055	2248243	-	6	189	TTG	TGA	0	0	
mORF_-_2248335	2248335	2248340	-	4	6	ATG	TAG	0	0	
mORF_-_2248383	2248383	2248667	-	4	285	GTG	TGA	0	0	
mORF_-_2248568	2248568	2248639	-	6	72	TTG	TAA	0	0	
mORF_-_2248585	2248585	2248962	-	5	378	TTG	TAA	0	0	
mORF_-_2248673	2248673	2248717	-	6	45	GTG	TGA	0	0	
mORF_-_2248770	2248770	2248793	-	4	24	GTG	TGA	0	0	
mORF_-_2248778	2248778	2248786	-	6	9	ATG	TGA	0	0	
mORF_-_2248793	2248793	2248798	-	6	6	ATG	TAG	0	0	
mORF_-_2248809	2248809	2248823	-	4	15	ATG	TAA	0	0	
mORF_-_2248823	2248823	2249200	-	6	378	ATG	TAA	0	0	
mORF_-_2248884	2248884	2248940	-	4	57	TTG	TAA	0	0	
mORF_-_2248956	2248956	2248988	-	4	33	GTG	TGA	0	0	

mORF_-_2248972	2248972	2249019	-	5	48	TTG	TGA	0	0
mORF_-_2249016	2249016	2249048	-	4	33	ATG	TGA	0	0
mORF_-_2249041	2249041	2249046	-	5	6	GTG	TAG	0	0
mORF_-_2249074	2249074	2249256	-	5	183	ATG	TAA	0	0
mORF_-_2249213	2249213	2249275	-	6	63	TTG	TGA	0	0
mORF_-_2249272	2249272	2249301	-	5	30	GTG	TGA	0	0
mORF_-_2249308	2249308	2249529	-	5	222	GTG	TGA	0	0
mORF_-_2249321	2249321	2249752	-	6	432	TTG	TAA	0	0
mORF_-_2249352	2249352	2249459	-	4	108	ATG	TAA	0	0
mORF_-_2249554	2249554	2249574	-	5	21	TTG	TGA	0	0
mORF_-_2249581	2249581	2249652	-	5	72	TTG	TGA	0	0
mORF_-_2249755	2249755	2249832	-	5	78	ATG	TAA	0	0
mORF_-_2249775	2249775	2249870	-	4	96	TTG	TGA	0	0
mORF_-_2249842	2249842	2249988	-	5	147	ATG	TAA	0	0
mORF_-_2249874	2249874	2249921	-	4	48	TTG	TAA	0	0
mORF_-_2249882	2249882	2249917	-	6	36	TTG	TGA	0	0
mORF_-_2249918	2249918	2250178	-	6	261	TTG	TGA	0	0
mORF_-_2249985	2249985	2250026	-	4	42	TTG	TGA	0	0
mORF_-_2249992	2249992	2250024	-	5	33	GTG	TGA	0	0
mORF_-_2250037	2250037	2250054	-	5	18	ATG	TAA	0	0
mORF_-_2250061	2250061	2250249	-	5	189	TTG	TGA	0	0
mORF_-_2250153	2250153	2250185	-	4	33	TTG	TGA	0	0
mORF_-_2250212	2250212	2250244	-	6	33	GTG	TAA	0	0
mORF_-_2250271	2250271	2250282	-	5	12	ATG	TAA	0	0
mORF_-_2250279	2250279	2250404	-	4	126	TTG	TGA	0	0
mORF_-_2250379	2250379	2250426	-	5	48	GTG	TGA	0	0
mORF_-_2250423	2250423	2250479	-	4	57	GTG	TGA	0	0
mORF_-_2250460	2250460	2250537	-	5	78	TTG	TAA	0	0
mORF_-_2250476	2250476	2250514	-	6	39	ATG	TGA	0	0
mORF_-_2250562	2250562	2250618	-	5	57	ATG	TGA	0	0
mORF_-_2250567	2250567	2250761	-	4	195	TTG	TAA	0	0
mORF_-_2250653	2250653	2250733	-	6	81	TTG	TAA	0	0
mORF_-_2250764	2250764	2250802	-	6	39	TTG	TAG	0	0
mORF_-_2250793	2250793	2250813	-	5	21	TTG	TAA	0	0
mORF_-_2250851	2250851	2250916	-	6	66	GTG	TAG	0	0
mORF_-_2250868	2250868	2250903	-	5	36	ATG	TGA	0	0
mORF_-_2250903	2250903	2250920	-	4	18	TTG	TGA	0	0
mORF_-_2250917	2250917	2252167	-	6	1251	ATG	TGA	0	0
mORF_-_2250922	2250922	2250954	-	5	33	GTG	TAG	0	0
mORF_-_2250958	2250958	2251179	-	5	222	ATG	TGA	0	0
mORF_-_2251074	2251074	2251088	-	4	15	GTG	TAA	0	0
mORF_-_2251180	2251180	2251200	-	5	21	TTG	TAA	0	0
mORF_-_2251201	2251201	2251239	-	5	39	GTG	TGA	0	0
mORF_-_2251224	2251224	2251250	-	4	27	GTG	TGA	0	0
mORF_-_2251273	2251273	2251320	-	5	48	TTG	TAG	0	0
mORF_-_2251342	2251342	2251350	-	5	9	TTG	TGA	0	0
mORF_-_2251351	2251351	2251362	-	5	12	TTG	TAA	0	0
mORF_-_2251369	2251369	2251386	-	5	18	GTG	TGA	0	0
mORF_-_2251408	2251408	2251434	-	5	27	TTG	TGA	0	0
mORF_-_2251507	2251507	2251521	-	5	15	TTG	TAA	0	0
mORF_-_2251546	2251546	2251599	-	5	54	TTG	TAA	0	0
mORF_-_2251600	2251600	2251656	-	5	57	ATG	TGA	0	0
mORF_-_2251632	2251632	2251637	-	4	6	TTG	TAG	0	0
mORF_-_2251807	2251807	2251812	-	5	6	GTG	TGA	0	0
mORF_-_2251831	2251831	2251899	-	5	69	TTG	TGA	0	0
mORF_-_2251969	2251969	2252043	-	5	75	TTG	TGA	0	0
mORF_-_2251998	2251998	2252027	-	4	30	TTG	TGA	0	0
mORF_-_2252059	2252059	2252073	-	5	15	TTG	TAG	0	0
mORF_-_2252101	2252101	2252121	-	5	21	TTG	TAA	0	0
mORF_-_2252125	2252125	2252151	-	5	27	GTG	TGA	0	0
mORF_-_2252155	2252155	2252163	-	5	9	ATG	TGA	0	0
mORF_-_2252173	2252173	2252184	-	5	12	ATG	TAA	0	0
mORF_-_2252181	2252181	2252297	-	4	117	GTG	TGA	0	0

mORF_-_2252213	2252213	2252266	-	6	54	GTG	TGA	0	0	
mORF_-_2252267	2252267	2253208	-	6	942	ATG	TAA	1	2	pORF_-_2252267
mORF_-_2252305	2252305	2252457	-	5	153	ATG	TAG	0	0	
mORF_-_2252328	2252328	2252405	-	4	78	TTG	TGA	0	0	
mORF_-_2252463	2252463	2252621	-	4	159	TTG	TAA	0	0	
mORF_-_2252467	2252467	2252511	-	5	45	TTG	TGA	0	0	
mORF_-_2252548	2252548	2252604	-	5	57	TTG	TGA	0	0	
mORF_-_2252680	2252680	2252706	-	5	27	TTG	TAG	0	0	
mORF_-_2252761	2252761	2252862	-	5	102	ATG	TAA	0	0	
mORF_-_2252872	2252872	2252883	-	5	12	TTG	TGA	0	0	
mORF_-_2252893	2252893	2252901	-	5	9	ATG	TGA	0	0	
mORF_-_2252923	2252923	2253054	-	5	132	ATG	TGA	0	0	
mORF_-_2253030	2253030	2253050	-	4	21	TTG	TAA	0	0	
mORF_-_2253055	2253055	2253063	-	5	9	ATG	TGA	0	0	
mORF_-_2253067	2253067	2253081	-	5	15	TTG	TAA	0	0	
mORF_-_2253097	2253097	2253102	-	5	6	TTG	TAG	0	0	
mORF_-_2253148	2253148	2253180	-	5	33	GTG	TAA	0	0	
mORF_-_2253177	2253177	2253323	-	4	147	ATG	TGA	0	0	
mORF_-_2253245	2253245	2253253	-	6	9	TTG	TAG	0	0	
mORF_-_2253304	2253304	2253354	-	5	51	TTG	TAG	0	0	
mORF_-_2253320	2253320	2253373	-	6	54	TTG	TGA	0	0	
mORF_-_2253419	2253419	2253442	-	6	24	ATG	TGA	0	0	
mORF_-_2253446	2253446	2253478	-	6	33	TTG	TAA	0	0	
mORF_-_2253457	2253457	2253462	-	5	6	ATG	TAG	0	0	
mORF_-_2253523	2253523	2253531	-	5	9	GTG	TAA	0	0	
mORF_-_2253599	2253599	2253676	-	6	78	ATG	TAA	0	0	
mORF_-_2253676	2253676	2253729	-	5	54	GTG	TAA	0	0	
mORF_-_2253726	2253726	2253809	-	4	84	ATG	TGA	0	0	
mORF_-_2253731	2253731	2253739	-	6	9	ATG	TAA	0	0	
mORF_-_2253764	2253764	2253778	-	6	15	TTG	TAA	0	0	
mORF_-_2253815	2253815	2253859	-	6	45	TTG	TAA	0	0	
mORF_-_2253872	2253872	2253892	-	6	21	ATG	TAA	0	0	
mORF_-_2253883	2253883	2253918	-	5	36	ATG	TAA	0	0	
mORF_-_2253896	2253896	2253922	-	6	27	GTG	TAA	0	0	
mORF_-_2253919	2253919	2253960	-	5	42	ATG	TGA	0	0	
mORF_-_2253960	2253960	2254070	-	4	111	TTG	TAA	0	0	
mORF_-_2254046	2254046	2254144	-	6	99	GTG	TGA	0	0	
mORF_-_2254093	2254093	2254107	-	5	15	ATG	TAG	0	0	
mORF_-_2254107	2254107	2255357	-	4	1251	ATG	TAA	0	0	
mORF_-_2254148	2254148	2254300	-	6	153	TTG	TGA	0	0	
mORF_-_2254264	2254264	2254278	-	5	15	TTG	TAA	0	0	
mORF_-_2254349	2254349	2254390	-	6	42	TTG	TGA	0	0	
mORF_-_2254391	2254391	2254510	-	6	120	TTG	TGA	0	0	
mORF_-_2254414	2254414	2254440	-	5	27	GTG	TGA	0	0	
mORF_-_2254532	2254532	2254552	-	6	21	TTG	TGA	0	0	
mORF_-_2254559	2254559	2254576	-	6	18	GTG	TAA	0	0	
mORF_-_2254598	2254598	2254711	-	6	114	TTG	TGA	0	0	
mORF_-_2254748	2254748	2254789	-	6	42	TTG	TAG	0	0	
mORF_-_2254793	2254793	2254807	-	6	15	TTG	TGA	0	0	
mORF_-_2254822	2254822	2254827	-	5	6	TTG	TAG	0	0	
mORF_-_2254853	2254853	2254975	-	6	123	TTG	TGA	0	0	
mORF_-_2254997	2254997	2255149	-	6	153	GTG	TGA	0	0	
mORF_-_2255164	2255164	2255199	-	5	36	ATG	TAA	0	0	
mORF_-_2255189	2255189	2255263	-	6	75	TTG	TAG	0	0	
mORF_-_2255309	2255309	2255341	-	6	33	GTG	TAG	0	0	
mORF_-_2255348	2255348	2255374	-	6	27	ATG	TAA	0	0	
mORF_-_2255444	2255444	2255482	-	6	39	TTG	TGA	0	0	
mORF_-_2255451	2255451	2256389	-	4	939	ATG	TAA	2	5	pORF_-_2255451
mORF_-_2255531	2255531	2255542	-	6	12	GTG	TGA	0	0	
mORF_-_2255549	2255549	2255596	-	6	48	TTG	TGA	0	0	
mORF_-_2255617	2255617	2255724	-	5	108	ATG	TGA	0	0	
mORF_-_2255621	2255621	2255668	-	6	48	TTG	TAG	0	0	
mORF_-_2255690	2255690	2255704	-	6	15	GTG	TAG	0	0	

mORF_-_2255726	2255726	2255833	-	6	108	TTG	TGA	0	0	
mORF_-_2255834	2255834	2255845	-	6	12	GTG	TAA	0	0	
mORF_-_2255863	2255863	2255907	-	5	45	TTG	TGA	0	0	
mORF_-_2255876	2255876	2256034	-	6	159	TTG	TAG	0	0	
mORF_-_2256038	2256038	2256088	-	6	51	TTG	TGA	0	0	
mORF_-_2256116	2256116	2256148	-	6	33	TTG	TGA	0	0	
mORF_-_2256176	2256176	2256310	-	6	135	TTG	TGA	0	0	
mORF_-_2256377	2256377	2257318	-	6	942	ATG	TAA	0	0	
mORF_-_2256403	2256403	2256504	-	5	102	TTG	TAG	0	0	
mORF_-_2256450	2256450	2256527	-	4	78	GTG	TGA	0	0	
mORF_-_2256517	2256517	2256534	-	5	18	TTG	TAG	0	0	
mORF_-_2256544	2256544	2256612	-	5	69	GTG	TGA	0	0	
mORF_-_2256667	2256667	2256735	-	5	69	GTG	TGA	0	0	
mORF_-_2256736	2256736	2256753	-	5	18	TTG	TGA	0	0	
mORF_-_2256750	2256750	2256815	-	4	66	ATG	TGA	0	0	
mORF_-_2256784	2256784	2256933	-	5	150	GTG	TAA	0	0	
mORF_-_2256855	2256855	2256869	-	4	15	ATG	TAA	0	0	
mORF_-_2256976	2256976	2256984	-	5	9	ATG	TGA	0	0	
mORF_-_2256985	2256985	2257056	-	5	72	TTG	TAA	0	0	
mORF_-_2257011	2257011	2257064	-	4	54	ATG	TAA	0	0	
mORF_-_2257057	2257057	2257074	-	5	18	ATG	TGA	0	0	
mORF_-_2257099	2257099	2257125	-	5	27	GTG	TAA	0	0	
mORF_-_2257138	2257138	2257182	-	5	45	TTG	TGA	0	0	
mORF_-_2257192	2257192	2257200	-	5	9	GTG	TAG	0	0	
mORF_-_2257213	2257213	2257239	-	5	27	ATG	TAA	0	0	
mORF_-_2257243	2257243	2257275	-	5	33	TTG	TAA	0	0	
mORF_-_2257272	2257272	2257412	-	4	141	ATG	TGA	0	0	
mORF_-_2257294	2257294	2257362	-	5	69	TTG	TAA	0	0	
mORF_-_2257352	2257352	2257429	-	6	78	ATG	TGA	0	0	
mORF_-_2257433	2257433	2257489	-	6	57	GTG	TAA	0	0	
mORF_-_2257447	2257447	2257464	-	5	18	TTG	TAA	0	0	
mORF_-_2257486	2257486	2257644	-	5	159	ATG	TGA	0	0	
mORF_-_2257512	2257512	2257556	-	4	45	TTG	TAA	0	0	
mORF_-_2257625	2257625	2257654	-	6	30	ATG	TAG	0	0	
mORF_-_2257651	2257651	2257734	-	5	84	GTG	TGA	0	0	
mORF_-_2257659	2257659	2257664	-	4	6	ATG	TAA	0	0	
mORF_-_2257665	2257665	2257697	-	4	33	TTG	TGA	0	0	
mORF_-_2257694	2257694	2257960	-	6	267	GTG	TGA	0	0	
mORF_-_2257741	2257741	2259432	-	5	1692	ATG	TAA	17	216	pORF_-_2257741
mORF_-_2257779	2257779	2257820	-	4	42	TTG	TGA	0	0	
mORF_-_2257866	2257866	2257886	-	4	21	GTG	TGA	0	0	
mORF_-_2257899	2257899	2257913	-	4	15	TTG	TGA	0	0	
mORF_-_2257935	2257935	2258153	-	4	219	ATG	TGA	0	0	
mORF_-_2257979	2257979	2258020	-	6	42	GTG	TGA	0	0	
mORF_-_2258166	2258166	2258180	-	4	15	GTG	TGA	0	0	
mORF_-_2258219	2258219	2258227	-	6	9	GTG	TGA	0	0	
mORF_-_2258229	2258229	2258264	-	4	36	ATG	TGA	0	0	
mORF_-_2258295	2258295	2258318	-	4	24	TTG	TGA	0	0	
mORF_-_2258436	2258436	2258522	-	4	87	TTG	TAA	0	0	
mORF_-_2258523	2258523	2258567	-	4	45	TTG	TGA	0	0	
mORF_-_2258592	2258592	2258618	-	4	27	TTG	TGA	0	0	
mORF_-_2258625	2258625	2258708	-	4	84	TTG	TGA	0	0	
mORF_-_2258654	2258654	2258695	-	6	42	GTG	TAA	0	0	
mORF_-_2258739	2258739	2258834	-	4	96	TTG	TGA	0	0	
mORF_-_2258865	2258865	2258945	-	4	81	TTG	TGA	0	0	
mORF_-_2258946	2258946	2259017	-	4	72	TTG	TGA	0	0	
mORF_-_2259014	2259014	2259028	-	6	15	GTG	TGA	0	0	
mORF_-_2259021	2259021	2259056	-	4	36	TTG	TGA	0	0	
mORF_-_2259062	2259062	2259100	-	6	39	TTG	TGA	0	0	
mORF_-_2259105	2259105	2259113	-	4	9	TTG	TGA	0	0	
mORF_-_2259114	2259114	2259197	-	4	84	GTG	TAG	0	0	
mORF_-_2259198	2259198	2259251	-	4	54	ATG	TGA	0	0	
mORF_-_2259261	2259261	2259413	-	4	153	TTG	TGA	0	0	

mORF_-_2259449	2259449	2260387	-	6	939	ATG	TGA	6	15	pORF_-_2259449
mORF_-_2259481	2259481	2259519	-	5	39	ATG	TGA	0	0	
mORF_-_2259529	2259529	2259585	-	5	57	GTG	TAA	0	0	
mORF_-_2259582	2259582	2259677	-	4	96	ATG	TGA	0	0	
mORF_-_2259589	2259589	2259600	-	5	12	ATG	TGA	0	0	
mORF_-_2259604	2259604	2259636	-	5	33	TTG	TGA	0	0	
mORF_-_2259643	2259643	2259771	-	5	129	TTG	TAA	0	0	
mORF_-_2259690	2259690	2259698	-	4	9	TTG	TAA	0	0	
mORF_-_2259772	2259772	2259777	-	5	6	ATG	TGA	0	0	
mORF_-_2259828	2259828	2259845	-	4	18	GTG	TAA	0	0	
mORF_-_2259868	2259868	2259891	-	5	24	TTG	TAG	0	0	
mORF_-_2259888	2259888	2259908	-	4	21	GTG	TGA	0	0	
mORF_-_2259925	2259925	2259981	-	5	57	GTG	TGA	0	0	
mORF_-_2260021	2260021	2260056	-	5	36	TTG	TGA	0	0	
mORF_-_2260099	2260099	2260227	-	5	129	TTG	TGA	0	0	
mORF_-_2260240	2260240	2260278	-	5	39	ATG	TAA	0	0	
mORF_-_2260303	2260303	2260377	-	5	75	GTG	TGA	0	0	
mORF_-_2260356	2260356	2260403	-	4	48	TTG	TAA	0	0	
mORF_-_2260387	2260387	2261517	-	5	1131	ATG	TAA	27	109	pORF_-_2260387
mORF_-_2260434	2260434	2260508	-	4	75	TTG	TGA	0	0	
mORF_-_2260515	2260515	2260553	-	4	39	TTG	TGA	0	0	
mORF_-_2260560	2260560	2260649	-	4	90	TTG	TGA	0	0	
mORF_-_2260659	2260659	2260685	-	4	27	ATG	TAA	0	0	
mORF_-_2260692	2260692	2260718	-	4	27	ATG	TGA	0	0	
mORF_-_2260725	2260725	2260799	-	4	75	ATG	TGA	0	0	
mORF_-_2260800	2260800	2260811	-	4	12	GTG	TGA	0	0	
mORF_-_2260812	2260812	2260862	-	4	51	GTG	TGA	0	0	
mORF_-_2260866	2260866	2260874	-	4	9	TTG	TAA	0	0	
mORF_-_2260932	2260932	2260976	-	4	45	TTG	TGA	0	0	
mORF_-_2261073	2261073	2261084	-	4	12	GTG	TGA	0	0	
mORF_-_2261139	2261139	2261162	-	4	24	ATG	TGA	0	0	
mORF_-_2261178	2261178	2261222	-	4	45	TTG	TGA	0	0	
mORF_-_2261241	2261241	2261255	-	4	15	GTG	TAG	0	0	
mORF_-_2261301	2261301	2261396	-	4	96	ATG	TGA	0	0	
mORF_-_2261412	2261412	2261645	-	4	234	GTG	TAG	0	0	
mORF_-_2261548	2261548	2261691	-	5	144	GTG	TGA	0	0	
mORF_-_2261555	2261555	2261575	-	6	21	TTG	TAG	0	0	
mORF_-_2261615	2261615	2261626	-	6	12	ATG	TGA	0	0	
mORF_-_2261639	2261639	2261704	-	6	66	ATG	TGA	0	0	
mORF_-_2261664	2261664	2261693	-	4	30	TTG	TAA	0	0	
mORF_-_2261710	2261710	2261769	-	5	60	TTG	TAG	0	0	
mORF_-_2261759	2261759	2261776	-	6	18	TTG	TGA	0	0	
mORF_-_2261770	2261770	2262072	-	5	303	ATG	TGA	0	0	
mORF_-_2261828	2261828	2261890	-	6	63	ATG	TAA	0	0	
mORF_-_2261945	2261945	2262025	-	6	81	ATG	TAA	0	0	
mORF_-_2261961	2261961	2261996	-	4	36	GTG	TGA	0	0	
mORF_-_2262088	2262088	2262195	-	5	108	TTG	TGA	0	0	
mORF_-_2262196	2262196	2262291	-	5	96	TTG	TAG	0	0	
mORF_-_2262209	2262209	2262283	-	6	75	ATG	TAG	0	0	
mORF_-_2262315	2262315	2262350	-	4	36	ATG	TGA	0	0	
mORF_-_2262334	2262334	2262357	-	5	24	ATG	TGA	0	0	
mORF_-_2262354	2262354	2262365	-	4	12	GTG	TGA	0	0	
mORF_-_2262373	2262373	2262714	-	5	342	TTG	TAA	0	0	
mORF_-_2262552	2262552	2262563	-	4	12	ATG	TGA	0	0	
mORF_-_2262605	2262605	2262628	-	6	24	ATG	TAG	0	0	
mORF_-_2262615	2262615	2262797	-	4	183	GTG	TGA	0	0	
mORF_-_2262734	2262734	2262793	-	6	60	ATG	TAA	0	0	
mORF_-_2262769	2262769	2262858	-	5	90	ATG	TAA	0	0	
mORF_-_2262892	2262892	2262912	-	5	21	GTG	TGA	0	0	
mORF_-_2262916	2262916	2262969	-	5	54	ATG	TAG	0	0	
mORF_-_2262956	2262956	2262994	-	6	39	GTG	TGA	0	0	
mORF_-_2262991	2262991	2263032	-	5	42	GTG	TGA	0	0	
mORF_-_2263063	2263063	2263449	-	5	387	ATG	TAA	0	0	

mORF_-_2263101	2263101	2263244	-	4	144	ATG	TGA	0	0
mORF_-_2263121	2263121	2263129	-	6	9	GTG	TAA	0	0
mORF_-_2263208	2263208	2263840	-	6	633	TTG	TGA	0	0
mORF_-_2263335	2263335	2263478	-	4	144	TTG	TAA	0	0
mORF_-_2263513	2263513	2263524	-	5	12	TTG	TAA	0	0
mORF_-_2263552	2263552	2263662	-	5	111	GTG	TGA	0	0
mORF_-_2263696	2263696	2263710	-	5	15	TTG	TAG	0	0
mORF_-_2263738	2263738	2263761	-	5	24	TTG	TAG	0	0
mORF_-_2263765	2263765	2263815	-	5	51	ATG	TGA	0	0
mORF_-_2263788	2263788	2263895	-	4	108	GTG	TAA	0	0
mORF_-_2263837	2263837	2263950	-	5	114	GTG	TGA	0	0
mORF_-_2263902	2263902	2263943	-	4	42	ATG	TGA	0	0
mORF_-_2263979	2263979	2264131	-	6	153	GTG	TAA	0	0
mORF_-_2264097	2264097	2264105	-	4	9	TTG	TAA	0	0
mORF_-_2264110	2264110	2264172	-	5	63	GTG	TAG	0	0
mORF_-_2264133	2264133	2264144	-	4	12	TTG	TAA	0	0
mORF_-_2264141	2264141	2264206	-	6	66	TTG	TGA	0	0
mORF_-_2264169	2264169	2264174	-	4	6	GTG	TGA	0	0
mORF_-_2264176	2264176	2264190	-	5	15	TTG	TGA	0	0
mORF_-_2264184	2264184	2264216	-	4	33	ATG	TAA	0	0
mORF_-_2264223	2264223	2264228	-	4	6	GTG	TAA	0	0
mORF_-_2264237	2264237	2264338	-	6	102	TTG	TAA	0	0
mORF_-_2264265	2264265	2264276	-	4	12	TTG	TAG	0	0
mORF_-_2264286	2264286	2264342	-	4	57	GTG	TAA	0	0
mORF_-_2264339	2264339	2264383	-	6	45	ATG	TGA	0	0
mORF_-_2264390	2264390	2264497	-	6	108	ATG	TAA	0	0
mORF_-_2264454	2264454	2264489	-	4	36	GTG	TGA	0	0
mORF_-_2264464	2264464	2264532	-	5	69	TTG	TGA	0	0
mORF_-_2264498	2264498	2264560	-	6	63	GTG	TAA	0	0
mORF_-_2264568	2264568	2264597	-	4	30	TTG	TAA	0	0
mORF_-_2264588	2264588	2264716	-	6	129	GTG	TAA	0	0
mORF_-_2264598	2264598	2264630	-	4	33	TTG	TAA	0	0
mORF_-_2264646	2264646	2264687	-	4	42	GTG	TAA	0	0
mORF_-_2264659	2264659	2264694	-	5	36	GTG	TAG	0	0
mORF_-_2264709	2264709	2264771	-	4	63	GTG	TAA	0	0
mORF_-_2264720	2264720	2264917	-	6	198	GTG	TAG	0	0
mORF_-_2264740	2264740	2264838	-	5	99	TTG	TGA	0	0
mORF_-_2264796	2264796	2264801	-	4	6	GTG	TAA	0	0
mORF_-_2264842	2264842	2264949	-	5	108	ATG	TGA	0	0
mORF_-_2264919	2264919	2264975	-	4	57	GTG	TGA	0	0
mORF_-_2264972	2264972	2265163	-	6	192	GTG	TGA	0	0
mORF_-_2265036	2265036	2265125	-	4	90	ATG	TAA	0	0
mORF_-_2265184	2265184	2265426	-	5	243	ATG	TAA	0	0
mORF_-_2265191	2265191	2265241	-	6	51	ATG	TGA	0	0
mORF_-_2265207	2265207	2265281	-	4	75	GTG	TGA	0	0
mORF_-_2265254	2265254	2265286	-	6	33	TTG	TAA	0	0
mORF_-_2265288	2265288	2265332	-	4	45	GTG	TAA	0	0
mORF_-_2265302	2265302	2265310	-	6	9	TTG	TAA	0	0
mORF_-_2265323	2265323	2265370	-	6	48	TTG	TAA	0	0
mORF_-_2265339	2265339	2265464	-	4	126	ATG	TAG	0	0
mORF_-_2265395	2265395	2265430	-	6	36	ATG	TAA	0	0
mORF_-_2265464	2265464	2265703	-	6	240	ATG	TAA	0	0
mORF_-_2265487	2265487	2265663	-	5	177	ATG	TAA	0	0
mORF_-_2265540	2265540	2265701	-	4	162	GTG	TAA	0	0
mORF_-_2265703	2265703	2265726	-	5	24	TTG	TGA	0	0
mORF_-_2265730	2265730	2265765	-	5	36	GTG	TAA	0	0
mORF_-_2265811	2265811	2265900	-	5	90	GTG	TAA	0	0
mORF_-_2265827	2265827	2265913	-	6	87	ATG	TAA	0	0
mORF_-_2265910	2265910	2266065	-	5	156	ATG	TGA	0	0
mORF_-_2265917	2265917	2265925	-	6	9	ATG	TAA	0	0
mORF_-_2265957	2265957	2266013	-	4	57	ATG	TAA	0	0
mORF_-_2266050	2266050	2266172	-	4	123	GTG	TAA	0	0
mORF_-_2266085	2266085	2266141	-	6	57	ATG	TAA	0	0

mORF_-_2266163	2266163	2266339	-	6	177	TTG	TAA	0	0
mORF_-_2266177	2266177	2266305	-	5	129	TTG	TAG	0	0
mORF_-_2266293	2266293	2266640	-	4	348	GTG	TGA	0	0
mORF_-_2266343	2266343	2266381	-	6	39	TTG	TAG	0	0
mORF_-_2266382	2266382	2266417	-	6	36	ATG	TAA	0	0
mORF_-_2266414	2266414	2266440	-	5	27	TTG	TGA	0	0
mORF_-_2266442	2266442	2266483	-	6	42	ATG	TAA	0	0
mORF_-_2266508	2266508	2266729	-	6	222	TTG	TAA	0	0
mORF_-_2266564	2266564	2266695	-	5	132	TTG	TGA	0	0
mORF_-_2266692	2266692	2266742	-	4	51	GTG	TGA	0	0
mORF_-_2266699	2266699	2266959	-	5	261	ATG	TGA	0	0
mORF_-_2267000	2267000	2267080	-	6	81	GTG	TAA	0	0
mORF_-_2267004	2267004	2267168	-	4	165	ATG	TGA	0	0
mORF_-_2267165	2267165	2267239	-	6	75	ATG	TGA	0	0
mORF_-_2267202	2267202	2267288	-	4	87	GTG	TGA	0	0
mORF_-_2267264	2267264	2267302	-	6	39	GTG	TGA	0	0
mORF_-_2267299	2267299	2267445	-	5	147	GTG	TGA	0	0
mORF_-_2267322	2267322	2267357	-	4	36	ATG	TGA	0	0
mORF_-_2267339	2267339	2267353	-	6	15	ATG	TAA	0	0
mORF_-_2267364	2267364	2267675	-	4	312	TTG	TAA	0	0
mORF_-_2267399	2267399	2267443	-	6	45	GTG	TAA	0	0
mORF_-_2267459	2267459	2267518	-	6	60	ATG	TGA	0	0
mORF_-_2267534	2267534	2267554	-	6	21	GTG	TGA	0	0
mORF_-_2267554	2267554	2267580	-	5	27	TTG	TAG	0	0
mORF_-_2267621	2267621	2267662	-	6	42	ATG	TAA	0	0
mORF_-_2267659	2267659	2267682	-	5	24	ATG	TGA	0	0
mORF_-_2267679	2267679	2267717	-	4	39	GTG	TGA	0	0
mORF_-_2267686	2267686	2267766	-	5	81	GTG	TAG	0	0
mORF_-_2267729	2267729	2267740	-	6	12	TTG	TAA	0	0
mORF_-_2267763	2267763	2267861	-	4	99	GTG	TGA	0	0
mORF_-_2267773	2267773	2267814	-	5	42	TTG	TAA	0	0
mORF_-_2267783	2267783	2267803	-	6	21	TTG	TGA	0	0
mORF_-_2267858	2267858	2267866	-	6	9	ATG	TGA	0	0
mORF_-_2267880	2267880	2267918	-	4	39	ATG	TAA	0	0
mORF_-_2267912	2267912	2267995	-	6	84	TTG	TGA	0	0
mORF_-_2267929	2267929	2268111	-	5	183	ATG	TAA	0	0
mORF_-_2267982	2267982	2268008	-	4	27	TTG	TGA	0	0
mORF_-_2268005	2268005	2268148	-	6	144	GTG	TGA	0	0
mORF_-_2268012	2268012	2268095	-	4	84	GTG	TGA	0	0
mORF_-_2268145	2268145	2268315	-	5	171	TTG	TGA	0	0
mORF_-_2268243	2268243	2268263	-	4	21	GTG	TAA	0	0
mORF_-_2268263	2268263	2268424	-	6	162	TTG	TAG	0	0
mORF_-_2268421	2268421	2268585	-	5	165	TTG	TGA	0	0
mORF_-_2268444	2268444	2268458	-	4	15	TTG	TAA	0	0
mORF_-_2268459	2268459	2268506	-	4	48	ATG	TGA	0	0
mORF_-_2268494	2268494	2268544	-	6	51	GTG	TAA	0	0
mORF_-_2268531	2268531	2268536	-	4	6	TTG	TAA	0	0
mORF_-_2268554	2268554	2268652	-	6	99	ATG	TGA	0	0
mORF_-_2268594	2268594	2268620	-	4	27	GTG	TAG	0	0
mORF_-_2268607	2268607	2268648	-	5	42	ATG	TAA	0	0
mORF_-_2268687	2268687	2268701	-	4	15	ATG	TAG	0	0
mORF_-_2268729	2268729	2268797	-	4	69	ATG	TGA	0	0
mORF_-_2268837	2268837	2268881	-	4	45	GTG	TGA	0	0
mORF_-_2268844	2268844	2268900	-	5	57	TTG	TAA	0	0
mORF_-_2268869	2268869	2268883	-	6	15	GTG	TGA	0	0
mORF_-_2268915	2268915	2269250	-	4	336	TTG	TAG	0	0
mORF_-_2268964	2268964	2268981	-	5	18	TTG	TAA	0	0
mORF_-_2269013	2269013	2269096	-	6	84	GTG	TAA	0	0
mORF_-_2269124	2269124	2269186	-	6	63	TTG	TAA	0	0
mORF_-_2269247	2269247	2269279	-	6	33	GTG	TGA	0	0
mORF_-_2269290	2269290	2269406	-	4	117	ATG	TAA	0	0
mORF_-_2269331	2269331	2269345	-	6	15	GTG	TAG	0	0
mORF_-_2269391	2269391	2269465	-	6	75	ATG	TAG	0	0

mORF_-_2269425	2269425	2269481	-	4	57	ATG	TAA	0	0
mORF_-_2269468	2269468	2269611	-	5	144	TTG	TAA	0	0
mORF_-_2269512	2269512	2269565	-	4	54	TTG	TAA	0	0
mORF_-_2269562	2269562	2269609	-	6	48	GTG	TGA	0	0
mORF_-_2269590	2269590	2269691	-	4	102	ATG	TGA	0	0
mORF_-_2269642	2269642	2269737	-	5	96	GTG	TAG	0	0
mORF_-_2269731	2269731	2270006	-	4	276	GTG	TGA	0	0
mORF_-_2269771	2269771	2270013	-	5	243	GTG	TAA	0	0
mORF_-_2269868	2269868	2269885	-	6	18	GTG	TGA	0	0
mORF_-_2269910	2269910	2269948	-	6	39	GTG	TAA	0	0
mORF_-_2270049	2270049	2270222	-	4	174	ATG	TAA	0	0
mORF_-_2270197	2270197	2270226	-	5	30	TTG	TAG	0	0
mORF_-_2270275	2270275	2270511	-	5	237	ATG	TAG	0	0
mORF_-_2270328	2270328	2270342	-	4	15	ATG	TGA	0	0
mORF_-_2270355	2270355	2270453	-	4	99	TTG	TAG	0	0
mORF_-_2270460	2270460	2270507	-	4	48	TTG	TAG	0	0
mORF_-_2270504	2270504	2270539	-	6	36	TTG	TGA	0	0
mORF_-_2270517	2270517	2270588	-	4	72	TTG	TAA	0	0
mORF_-_2270585	2270585	2270620	-	6	36	GTG	TGA	0	0
mORF_-_2270592	2270592	2270642	-	4	51	GTG	TAG	0	0
mORF_-_2270644	2270644	2270835	-	5	192	TTG	TAG	0	0
mORF_-_2270648	2270648	2270704	-	6	57	GTG	TAA	0	0
mORF_-_2270760	2270760	2270777	-	4	18	ATG	TGA	0	0
mORF_-_2270847	2270847	2270915	-	4	69	TTG	TAG	0	0
mORF_-_2270864	2270864	2270878	-	6	15	GTG	TGA	0	0
mORF_-_2270899	2270899	2271051	-	5	153	TTG	TAA	0	0
mORF_-_2270973	2270973	2270999	-	4	27	GTG	TGA	0	0
mORF_-_2271029	2271029	2271091	-	6	63	TTG	TAA	0	0
mORF_-_2271078	2271078	2271131	-	4	54	ATG	TAA	0	0
mORF_-_2271094	2271094	2271282	-	5	189	TTG	TAA	0	0
mORF_-_2271144	2271144	2271230	-	4	87	GTG	TAA	0	0
mORF_-_2271234	2271234	2271401	-	4	168	TTG	TAA	0	0
mORF_-_2271292	2271292	2271330	-	5	39	TTG	TGA	0	0
mORF_-_2271368	2271368	2271508	-	6	141	TTG	TGA	0	0
mORF_-_2271411	2271411	2271431	-	4	21	GTG	TAA	0	0
mORF_-_2271471	2271471	2271539	-	4	69	GTG	TAA	0	0
mORF_-_2271526	2271526	2271543	-	5	18	TTG	TGA	0	0
mORF_-_2271536	2271536	2271541	-	6	6	GTG	TGA	0	0
mORF_-_2271546	2271546	2271566	-	4	21	TTG	TAG	0	0
mORF_-_2271576	2271576	2271617	-	4	42	TTG	TAG	0	0
mORF_-_2271595	2271595	2271648	-	5	54	TTG	TAA	0	0
mORF_-_2271642	2271642	2271662	-	4	21	GTG	TGA	0	0
mORF_-_2271653	2271653	2271676	-	6	24	GTG	TAA	0	0
mORF_-_2271669	2271669	2271710	-	4	42	TTG	TGA	0	0
mORF_-_2271677	2271677	2271703	-	6	27	TTG	TGA	0	0
mORF_-_2271688	2271688	2271792	-	5	105	TTG	TAA	0	0
mORF_-_2271714	2271714	2271806	-	4	93	ATG	TGA	0	0
mORF_-_2271797	2271797	2271889	-	6	93	ATG	TAG	0	0
mORF_-_2271819	2271819	2271908	-	4	90	GTG	TAG	0	0
mORF_-_2271886	2271886	2271960	-	5	75	TTG	TGA	0	0
mORF_-_2271909	2271909	2271956	-	4	48	TTG	TAA	0	0
mORF_-_2271962	2271962	2272051	-	6	90	TTG	TAA	0	0
mORF_-_2272038	2272038	2272118	-	4	81	ATG	TAA	0	0
mORF_-_2272119	2272119	2272187	-	4	69	TTG	TAG	0	0
mORF_-_2272154	2272154	2272246	-	6	93	ATG	TGA	0	0
mORF_-_2272209	2272209	2272406	-	4	198	TTG	TAA	0	0
mORF_-_2272246	2272246	2272284	-	5	39	TTG	TAA	0	0
mORF_-_2272348	2272348	2272392	-	5	45	TTG	TAA	0	0
mORF_-_2272422	2272422	2272469	-	4	48	GTG	TAA	0	0
mORF_-_2272441	2272441	2272500	-	5	60	GTG	TAA	0	0
mORF_-_2272506	2272506	2272514	-	4	9	TTG	TAA	0	0
mORF_-_2272527	2272527	2272631	-	4	105	GTG	TAG	0	0
mORF_-_2272637	2272637	2272717	-	6	81	ATG	TAA	0	0

mORF_-_2272641	2272641	2272673	-	4	33	TTG	TAG	0	0
mORF_-_2272680	2272680	2272727	-	4	48	ATG	TAA	0	0
mORF_-_2272731	2272731	2272760	-	4	30	ATG	TAG	0	0
mORF_-_2272810	2272810	2272881	-	5	72	ATG	TAG	0	0
mORF_-_2272854	2272854	2272865	-	4	12	GTG	TGA	0	0
mORF_-_2272869	2272869	2273135	-	4	267	TTG	TAA	0	0
mORF_-_2272883	2272883	2272951	-	6	69	ATG	TGA	0	0
mORF_-_2272948	2272948	2273031	-	5	84	ATG	TGA	0	0
mORF_-_2273096	2273096	2273131	-	6	36	GTG	TAA	0	0
mORF_-_2273178	2273178	2273213	-	4	36	GTG	TAA	0	0
mORF_-_2273249	2273249	2273317	-	6	69	TTG	TGA	0	0
mORF_-_2273292	2273292	2273345	-	4	54	ATG	TAA	0	0
mORF_-_2273357	2273357	2273422	-	6	66	TTG	TAG	0	0
mORF_-_2273413	2273413	2273583	-	5	171	GTG	TAA	0	0
mORF_-_2273469	2273469	2273654	-	4	186	TTG	TAA	0	0
mORF_-_2273528	2273528	2273701	-	6	174	ATG	TGA	0	0
mORF_-_2273617	2273617	2273697	-	5	81	GTG	TAG	0	0
mORF_-_2273705	2273705	2273713	-	6	9	GTG	TAG	0	0
mORF_-_2273784	2273784	2273825	-	4	42	TTG	TAG	0	0
mORF_-_2273896	2273896	2273919	-	5	24	TTG	TAG	0	0
mORF_-_2273920	2273920	2274009	-	5	90	GTG	TAA	0	0
mORF_-_2273973	2273973	2274050	-	4	78	ATG	TAA	0	0
mORF_-_2273993	2273993	2274040	-	6	48	ATG	TAG	0	0
mORF_-_2274047	2274047	2274118	-	6	72	GTG	TGA	0	0
mORF_-_2274094	2274094	2274171	-	5	78	GTG	TAA	0	0
mORF_-_2274186	2274186	2274191	-	4	6	TTG	TAA	0	0
mORF_-_2274206	2274206	2274229	-	6	24	GTG	TGA	0	0
mORF_-_2274252	2274252	2274323	-	4	72	ATG	TAA	0	0
mORF_-_2274271	2274271	2274297	-	5	27	ATG	TAA	0	0
mORF_-_2274304	2274304	2274330	-	5	27	TTG	TAG	0	0
mORF_-_2274337	2274337	2274378	-	5	42	TTG	TAA	0	0
mORF_-_2274372	2274372	2274464	-	4	93	TTG	TGA	0	0
mORF_-_2274395	2274395	2274409	-	6	15	GTG	TGA	0	0
mORF_-_2274470	2274470	2274682	-	6	213	GTG	TAA	0	0
mORF_-_2274487	2274487	2274573	-	5	87	TTG	TAA	0	0
mORF_-_2274570	2274570	2274608	-	4	39	ATG	TGA	0	0
mORF_-_2274634	2274634	2274648	-	5	15	ATG	TAA	0	0
mORF_-_2274679	2274679	2274786	-	5	108	ATG	TGA	0	0
mORF_-_2274725	2274725	2274880	-	6	156	GTG	TAA	0	0
mORF_-_2274786	2274786	2274950	-	4	165	ATG	TGA	0	0
mORF_-_2274907	2274907	2275035	-	5	129	TTG	TAA	0	0
mORF_-_2274963	2274963	2274977	-	4	15	ATG	TGA	0	0
mORF_-_2275038	2275038	2275067	-	4	30	GTG	TAA	0	0
mORF_-_2275046	2275046	2275081	-	6	36	GTG	TAG	0	0
mORF_-_2275060	2275060	2275083	-	5	24	TTG	TGA	0	0
mORF_-_2275074	2275074	2275094	-	4	21	TTG	TAA	0	0
mORF_-_2275091	2275091	2275141	-	6	51	TTG	TGA	0	0
mORF_-_2275138	2275138	2275215	-	5	78	ATG	TGA	0	0
mORF_-_2275164	2275164	2275205	-	4	42	ATG	TGA	0	0
mORF_-_2275212	2275212	2275235	-	4	24	ATG	TGA	0	0
mORF_-_2275241	2275241	2275264	-	6	24	GTG	TAA	0	0
mORF_-_2275270	2275270	2275371	-	5	102	TTG	TAA	0	0
mORF_-_2275335	2275335	2275349	-	4	15	ATG	TGA	0	0
mORF_-_2275346	2275346	2275366	-	6	21	GTG	TGA	0	0
mORF_-_2275393	2275393	2275407	-	5	15	ATG	TAA	0	0
mORF_-_2275397	2275397	2275435	-	6	39	TTG	TAG	0	0
mORF_-_2275404	2275404	2275412	-	4	9	ATG	TGA	0	0
mORF_-_2275425	2275425	2275460	-	4	36	TTG	TGA	0	0
mORF_-_2275445	2275445	2275453	-	6	9	GTG	TGA	0	0
mORF_-_2275472	2275472	2275639	-	6	168	ATG	TAA	0	0
mORF_-_2275486	2275486	2275551	-	5	66	ATG	TAA	0	0
mORF_-_2275561	2275561	2275617	-	5	57	TTG	TAA	0	0
mORF_-_2275608	2275608	2275694	-	4	87	TTG	TGA	0	0

mORF_-_2275661	2275661	2275732	-	6	72	ATG	TGA	0	0	
mORF_-_2275684	2275684	2275710	-	5	27	TTG	TGA	0	0	
mORF_-_2275729	2275729	2275782	-	5	54	GTG	TGA	0	0	
mORF_-_2275795	2275795	2275842	-	5	48	TTG	TAA	0	0	
mORF_-_2275803	2275803	2275868	-	4	66	GTG	TGA	0	0	
mORF_-_2275811	2275811	2276017	-	6	207	GTG	TGA	0	0	
mORF_-_2275890	2275890	2275961	-	4	72	TTG	TGA	0	0	
mORF_-_2275915	2275915	2276259	-	5	345	GTG	TAA	2	5	pORF_-_2275915
mORF_-_2275968	2275968	2275988	-	4	21	TTG	TGA	0	0	
mORF_-_2276004	2276004	2276030	-	4	27	GTG	TAA	0	0	
mORF_-_2276027	2276027	2276047	-	6	21	ATG	TGA	0	0	
mORF_-_2276081	2276081	2276098	-	6	18	ATG	TAA	0	0	
mORF_-_2276088	2276088	2276180	-	4	93	TTG	TGA	0	0	
mORF_-_2276147	2276147	2276155	-	6	9	GTG	TGA	0	0	
mORF_-_2276177	2276177	2276284	-	6	108	GTG	TGA	0	0	
mORF_-_2276260	2276260	2276280	-	5	21	ATG	TAA	0	0	
mORF_-_2276281	2276281	2276289	-	5	9	GTG	TGA	0	0	
mORF_-_2276286	2276286	2276291	-	4	6	TTG	TGA	0	0	
mORF_-_2276297	2276297	2276314	-	6	18	GTG	TAA	0	0	
mORF_-_2276308	2276308	2276325	-	5	18	TTG	TAA	0	0	
mORF_-_2276387	2276387	2276413	-	6	27	GTG	TAA	0	0	
mORF_-_2276447	2276447	2276455	-	6	9	TTG	TAG	0	0	
mORF_-_2276461	2276461	2276547	-	5	87	ATG	TAA	0	0	
mORF_-_2276465	2276465	2276470	-	6	6	TTG	TAG	0	0	
mORF_-_2276483	2276483	2276488	-	6	6	ATG	TAA	0	0	
mORF_-_2276498	2276498	2276656	-	6	159	TTG	TAA	0	0	
mORF_-_2276551	2276551	2276676	-	5	126	ATG	TGA	0	0	
mORF_-_2276592	2276592	2277782	-	4	1191	GTG	TGA	0	0	
mORF_-_2276666	2276666	2276716	-	6	51	TTG	TGA	0	0	
mORF_-_2276723	2276723	2276887	-	6	165	GTG	TAG	0	0	
mORF_-_2276785	2276785	2276925	-	5	141	GTG	TGA	0	0	
mORF_-_2276945	2276945	2276956	-	6	12	TTG	TAA	0	0	
mORF_-_2276990	2276990	2277007	-	6	18	TTG	TGA	0	0	
mORF_-_2277011	2277011	2277070	-	6	60	TTG	TAA	0	0	
mORF_-_2277083	2277083	2277124	-	6	42	TTG	TAA	0	0	
mORF_-_2277134	2277134	2277175	-	6	42	TTG	TGA	0	0	
mORF_-_2277226	2277226	2277306	-	5	81	GTG	TAA	0	0	
mORF_-_2277299	2277299	2277325	-	6	27	TTG	TGA	0	0	
mORF_-_2277338	2277338	2277349	-	6	12	TTG	TGA	0	0	
mORF_-_2277356	2277356	2277370	-	6	15	TTG	TGA	0	0	
mORF_-_2277424	2277424	2277510	-	5	87	GTG	TAA	0	0	
mORF_-_2277473	2277473	2277478	-	6	6	TTG	TGA	0	0	
mORF_-_2277479	2277479	2277529	-	6	51	TTG	TGA	0	0	
mORF_-_2277593	2277593	2277610	-	6	18	TTG	TAA	0	0	
mORF_-_2277635	2277635	2277664	-	6	30	TTG	TGA	0	0	
mORF_-_2277677	2277677	2277706	-	6	30	TTG	TAA	0	0	
mORF_-_2277719	2277719	2277757	-	6	39	TTG	TGA	0	0	
mORF_-_2277779	2277779	2277826	-	6	48	TTG	TGA	0	0	
mORF_-_2277810	2277810	2278505	-	4	696	ATG	TAA	16	95	pORF_-_2277810
mORF_-_2277839	2277839	2277856	-	6	18	GTG	TAA	0	0	
mORF_-_2277863	2277863	2277913	-	6	51	TTG	TAG	0	0	
mORF_-_2278001	2278001	2278063	-	6	63	TTG	TGA	0	0	
mORF_-_2278081	2278081	2278158	-	5	78	GTG	TGA	0	0	
mORF_-_2278103	2278103	2278168	-	6	66	ATG	TGA	0	0	
mORF_-_2278175	2278175	2278219	-	6	45	ATG	TGA	0	0	
mORF_-_2278195	2278195	2278230	-	5	36	GTG	TGA	0	0	
mORF_-_2278232	2278232	2278615	-	6	384	ATG	TAG	0	0	
mORF_-_2278270	2278270	2278290	-	5	21	TTG	TGA	0	0	
mORF_-_2278495	2278495	2278593	-	5	99	ATG	TGA	0	0	
mORF_-_2278597	2278597	2278620	-	5	24	ATG	TGA	0	0	
mORF_-_2278638	2278638	2278655	-	4	18	ATG	TAG	0	0	
mORF_-_2278642	2278642	2278851	-	5	210	ATG	TAG	0	0	
mORF_-_2278661	2278661	2278675	-	6	15	ATG	TAA	0	0	

mORF_-_2278677	2278677	2278706	-	4	30	TTG	TGA	0	0	
mORF_-_2278719	2278719	2278751	-	4	33	GTG	TGA	0	0	
mORF_-_2278736	2278736	2278822	-	6	87	GTG	TAA	0	0	
mORF_-_2278826	2278826	2278855	-	6	30	TTG	TAA	0	0	
mORF_-_2278860	2278860	2278910	-	4	51	TTG	TGA	0	0	
mORF_-_2278900	2278900	2279082	-	5	183	GTG	TAG	0	0	
mORF_-_2279043	2279043	2279057	-	4	15	GTG	TGA	0	0	
mORF_-_2279054	2279054	2279068	-	6	15	TTG	TGA	0	0	
mORF_-_2279058	2279058	2279126	-	4	69	TTG	TGA	0	0	
mORF_-_2279083	2279083	2279445	-	5	363	GTG	TAA	0	0	
mORF_-_2279151	2279151	2279198	-	4	48	ATG	TGA	0	0	
mORF_-_2279235	2279235	2279504	-	4	270	GTG	TAG	0	0	
mORF_-_2279285	2279285	2279302	-	6	18	GTG	TGA	0	0	
mORF_-_2279387	2279387	2279488	-	6	102	GTG	TAA	0	0	
mORF_-_2279527	2279527	2279607	-	5	81	GTG	TAA	0	0	
mORF_-_2279559	2279559	2279624	-	4	66	ATG	TAG	0	0	
mORF_-_2279633	2279633	2279860	-	6	228	ATG	TAG	0	0	
mORF_-_2279641	2279641	2279661	-	5	21	TTG	TGA	0	0	
mORF_-_2279652	2279652	2279696	-	4	45	TTG	TAA	0	0	
mORF_-_2279707	2279707	2279961	-	5	255	TTG	TAA	0	0	
mORF_-_2279742	2279742	2279828	-	4	87	GTG	TAG	0	0	
mORF_-_2279913	2279913	2280137	-	4	225	GTG	TGA	0	0	
mORF_-_2280073	2280073	2280294	-	5	222	TTG	TAA	0	0	
mORF_-_2280134	2280134	2280190	-	6	57	GTG	TGA	0	0	
mORF_-_2280141	2280141	2280332	-	4	192	ATG	TAA	0	0	
mORF_-_2280221	2280221	2280244	-	6	24	GTG	TAA	0	0	
mORF_-_2280266	2280266	2280478	-	6	213	TTG	TGA	0	0	
mORF_-_2280298	2280298	2280399	-	5	102	GTG	TAA	0	0	
mORF_-_2280403	2280403	2280627	-	5	225	ATG	TAA	1	2	pORF_-_2280403
mORF_-_2280411	2280411	2280488	-	4	78	GTG	TAA	0	0	
mORF_-_2280524	2280524	2280955	-	6	432	TTG	TAA	0	0	
mORF_-_2280606	2280606	2280623	-	4	18	TTG	TAG	0	0	
mORF_-_2280628	2280628	2280639	-	5	12	TTG	TAG	0	0	
mORF_-_2280667	2280667	2280687	-	5	21	ATG	TGA	0	0	
mORF_-_2280706	2280706	2280750	-	5	45	TTG	TAG	0	0	
mORF_-_2280775	2280775	2280804	-	5	30	ATG	TGA	0	0	
mORF_-_2280889	2280889	2280930	-	5	42	GTG	TAA	0	0	
mORF_-_2280927	2280927	2280944	-	4	18	ATG	TGA	0	0	
mORF_-_2280945	2280945	2280953	-	4	9	GTG	TGA	0	0	
mORF_-_2280962	2280962	2281969	-	6	1008	ATG	TAA	31	186	pORF_-_2280962
mORF_-_2281027	2281027	2281065	-	5	39	GTG	TGA	0	0	
mORF_-_2281066	2281066	2281083	-	5	18	TTG	TAG	0	0	
mORF_-_2281093	2281093	2281116	-	5	24	TTG	TGA	0	0	
mORF_-_2281123	2281123	2281191	-	5	69	TTG	TGA	0	0	
mORF_-_2281243	2281243	2281374	-	5	132	GTG	TGA	0	0	
mORF_-_2281353	2281353	2281502	-	4	150	ATG	TGA	0	0	
mORF_-_2281507	2281507	2281548	-	5	42	TTG	TAA	0	0	
mORF_-_2281581	2281581	2281655	-	4	75	TTG	TAA	0	0	
mORF_-_2281606	2281606	2281680	-	5	75	TTG	TGA	0	0	
mORF_-_2281693	2281693	2281947	-	5	255	TTG	TAG	0	0	
mORF_-_2281966	2281966	2282007	-	5	42	GTG	TGA	0	0	
mORF_-_2281983	2281983	2282003	-	4	21	TTG	TAA	0	0	
mORF_-_2282000	2282000	2282026	-	6	27	TTG	TGA	0	0	
mORF_-_2282014	2282014	2282133	-	5	120	TTG	TAA	0	0	
mORF_-_2282073	2282073	2282081	-	4	9	ATG	TAA	0	0	
mORF_-_2282130	2282130	2282228	-	4	99	ATG	TGA	0	0	
mORF_-_2282149	2282149	2282157	-	5	9	GTG	TAA	0	0	
mORF_-_2282168	2282168	2282368	-	6	201	TTG	TAG	1	9	pORF_-_2282168
mORF_-_2282259	2282259	2282309	-	4	51	TTG	TAA	0	0	
mORF_-_2282284	2282284	2282319	-	5	36	TTG	TGA	0	0	
mORF_-_2282343	2282343	2282375	-	4	33	GTG	TAA	0	0	
mORF_-_2282356	2282356	2282577	-	5	222	ATG	TGA	0	0	
mORF_-_2282418	2282418	2282495	-	4	78	ATG	TAG	0	0	

mORF_-_2282444	2282444	2282467	-	6	24	GTG	TGA	0	0	
mORF_-_2282505	2282505	2282549	-	4	45	ATG	TAA	0	0	
mORF_-_2282513	2282513	2282533	-	6	21	TTG	TAA	0	0	
mORF_-_2282556	2282556	2282600	-	4	45	GTG	TAG	0	0	
mORF_-_2282601	2282601	2282978	-	4	378	TTG	TAG	0	0	
mORF_-_2282669	2282669	2282680	-	6	12	TTG	TGA	0	0	
mORF_-_2282698	2282698	2282760	-	5	63	TTG	TAA	0	0	
mORF_-_2282828	2282828	2282923	-	6	96	ATG	TAA	0	0	
mORF_-_2282833	2282833	2282871	-	5	39	TTG	TAA	0	0	
mORF_-_2282926	2282926	2283105	-	5	180	TTG	TAA	0	0	
mORF_-_2282982	2282982	2282999	-	4	18	ATG	TAG	0	0	
mORF_-_2283153	2283153	2283170	-	4	18	GTG	TAG	0	0	
mORF_-_2283191	2283191	2283217	-	6	27	GTG	TAA	0	0	
mORF_-_2283210	2283210	2283314	-	4	105	ATG	TAG	0	0	
mORF_-_2283214	2283214	2283282	-	5	69	ATG	TGA	0	0	
mORF_-_2283299	2283299	2283385	-	6	87	ATG	TAG	0	0	
mORF_-_2283327	2283327	2283335	-	4	9	ATG	TAG	0	0	
mORF_-_2283345	2283345	2283359	-	4	15	ATG	TAG	0	0	
mORF_-_2283385	2283385	2283408	-	5	24	TTG	TAA	0	0	
mORF_-_2283398	2283398	2283433	-	6	36	ATG	TAA	0	0	
mORF_-_2283414	2283414	2283539	-	4	126	TTG	TGA	0	0	
mORF_-_2283443	2283443	2283469	-	6	27	ATG	TAA	0	0	
mORF_-_2283475	2283475	2283801	-	5	327	ATG	TGA	0	0	
mORF_-_2283536	2283536	2283559	-	6	24	GTG	TGA	0	0	
mORF_-_2283552	2283552	2283620	-	4	69	TTG	TAG	0	0	
mORF_-_2283602	2283602	2283637	-	6	36	GTG	TAG	0	0	
mORF_-_2283621	2283621	2283740	-	4	120	GTG	TGA	0	0	
mORF_-_2283689	2283689	2283697	-	6	9	GTG	TGA	0	0	
mORF_-_2283737	2283737	2283814	-	6	78	ATG	TGA	0	0	
mORF_-_2283814	2283814	2283897	-	5	84	TTG	TAA	0	0	
mORF_-_2283822	2283822	2283836	-	4	15	GTG	TGA	0	0	
mORF_-_2283867	2283867	2283917	-	4	51	GTG	TGA	0	0	
mORF_-_2283904	2283904	2283972	-	5	69	ATG	TAG	0	0	
mORF_-_2283911	2283911	2283919	-	6	9	GTG	TGA	0	0	
mORF_-_2283942	2283942	2283956	-	4	15	TTG	TGA	0	0	
mORF_-_2283972	2283972	2284061	-	4	90	GTG	TAA	0	0	
mORF_-_2283980	2283980	2284009	-	6	30	TTG	TAA	0	0	
mORF_-_2284010	2284010	2284102	-	6	93	GTG	TAA	0	0	
mORF_-_2284062	2284062	2284067	-	4	6	TTG	TAA	0	0	
mORF_-_2284114	2284114	2284122	-	5	9	TTG	TAA	0	0	
mORF_-_2284170	2284170	2284196	-	4	27	TTG	TGA	0	0	
mORF_-_2284174	2284174	2284266	-	5	93	ATG	TAA	0	0	
mORF_-_2284187	2284187	2284330	-	6	144	TTG	TAA	0	0	
mORF_-_2284218	2284218	2284238	-	4	21	GTG	TAA	0	0	
mORF_-_2284263	2284263	2284448	-	4	186	GTG	TGA	1	2	pORF_-_2284263
mORF_-_2284288	2284288	2284386	-	5	99	GTG	TGA	0	0	
mORF_-_2284349	2284349	2284360	-	6	12	TTG	TAA	0	0	
mORF_-_2284399	2284399	2284431	-	5	33	GTG	TAA	0	0	
mORF_-_2284412	2284412	2286922	-	6	2511	TTG	TGA	0	0	
mORF_-_2284456	2284456	2284476	-	5	21	ATG	TAG	0	0	
mORF_-_2284522	2284522	2284584	-	5	63	ATG	TAA	0	0	
mORF_-_2284681	2284681	2284893	-	5	213	ATG	TAA	0	0	
mORF_-_2284800	2284800	2284811	-	4	12	GTG	TAG	0	0	
mORF_-_2284818	2284818	2284826	-	4	9	TTG	TGA	0	0	
mORF_-_2284897	2284897	2284932	-	5	36	TTG	TGA	0	0	
mORF_-_2284936	2284936	2285058	-	5	123	TTG	TGA	0	0	
mORF_-_2284947	2284947	2284976	-	4	30	TTG	TGA	0	0	
mORF_-_2285062	2285062	2285091	-	5	30	GTG	TGA	0	0	
mORF_-_2285128	2285128	2285157	-	5	30	ATG	TGA	0	0	
mORF_-_2285181	2285181	2285198	-	4	18	GTG	TAA	0	0	
mORF_-_2285224	2285224	2285268	-	5	45	TTG	TAA	0	0	
mORF_-_2285296	2285296	2285439	-	5	144	GTG	TGA	0	0	
mORF_-_2285452	2285452	2285490	-	5	39	GTG	TAA	0	0	

mORF_-_2285500	2285500	2285520	-	5	21	GTG	TGA	0	0	
mORF_-_2285617	2285617	2285640	-	5	24	GTG	TGA	0	0	
mORF_-_2285662	2285662	2285673	-	5	12	ATG	TGA	0	0	
mORF_-_2285683	2285683	2285706	-	5	24	TTG	TGA	0	0	
mORF_-_2285694	2285694	2285768	-	4	75	ATG	TGA	0	0	
mORF_-_2285713	2285713	2285817	-	5	105	ATG	TAG	0	0	
mORF_-_2285848	2285848	2285877	-	5	30	ATG	TAG	0	0	
mORF_-_2285893	2285893	2286198	-	5	306	ATG	TGA	0	0	
mORF_-_2286202	2286202	2286234	-	5	33	GTG	TAA	0	0	
mORF_-_2286235	2286235	2286261	-	5	27	TTG	TGA	0	0	
mORF_-_2286262	2286262	2286288	-	5	27	TTG	TAA	0	0	
mORF_-_2286295	2286295	2286333	-	5	39	GTG	TAA	0	0	
mORF_-_2286337	2286337	2286492	-	5	156	GTG	TAG	0	0	
mORF_-_2286508	2286508	2286594	-	5	87	TTG	TAG	0	0	
mORF_-_2286598	2286598	2286714	-	5	117	ATG	TAA	0	0	
mORF_-_2286715	2286715	2286741	-	5	27	ATG	TAA	0	0	
mORF_-_2286742	2286742	2286750	-	5	9	TTG	TGA	0	0	
mORF_-_2286787	2286787	2286795	-	5	9	TTG	TAA	0	0	
mORF_-_2286802	2286802	2286909	-	5	108	TTG	TAA	0	0	
mORF_-_2286925	2286925	2286987	-	5	63	ATG	TAG	0	0	
mORF_-_2286984	2286984	2286992	-	4	9	ATG	TGA	0	0	
mORF_-_2286989	2286989	2287000	-	6	12	ATG	TGA	0	0	
mORF_-_2287042	2287042	2287065	-	5	24	ATG	TAG	0	0	
mORF_-_2287046	2287046	2287105	-	6	60	GTG	TAA	0	0	
mORF_-_2287087	2287087	2288103	-	5	1017	ATG	TAA	46	158	pORF_-_2287087
mORF_-_2287347	2287347	2287466	-	4	120	ATG	TGA	0	0	
mORF_-_2287463	2287463	2287552	-	6	90	GTG	TGA	0	0	
mORF_-_2287500	2287500	2287526	-	4	27	TTG	TGA	0	0	
mORF_-_2287536	2287536	2287640	-	4	105	ATG	TGA	0	0	
mORF_-_2287749	2287749	2287847	-	4	99	ATG	TGA	0	0	
mORF_-_2287778	2287778	2287864	-	6	87	TTG	TAG	0	0	
mORF_-_2287851	2287851	2288039	-	4	189	GTG	TGA	0	0	
mORF_-_2287919	2287919	2287969	-	6	51	ATG	TAA	0	0	
mORF_-_2288064	2288064	2288213	-	4	150	ATG	TGA	0	0	
mORF_-_2288108	2288108	2288176	-	6	69	TTG	TGA	0	0	
mORF_-_2288113	2288113	2288202	-	5	90	ATG	TGA	0	0	
mORF_-_2288210	2288210	2288242	-	6	33	ATG	TGA	0	0	
mORF_-_2288223	2288223	2288270	-	4	48	ATG	TAA	0	0	
mORF_-_2288233	2288233	2288490	-	5	258	ATG	TAA	0	0	
mORF_-_2288286	2288286	2288312	-	4	27	TTG	TAA	0	0	
mORF_-_2288330	2288330	2288362	-	6	33	TTG	TAA	0	0	
mORF_-_2288373	2288373	2288450	-	4	78	ATG	TAA	0	0	
mORF_-_2288420	2288420	2288431	-	6	12	ATG	TAG	0	0	
mORF_-_2288451	2288451	2288486	-	4	36	TTG	TGA	0	0	
mORF_-_2288498	2288498	2288566	-	6	69	ATG	TAG	0	0	
mORF_-_2288520	2288520	2288570	-	4	51	GTG	TAG	0	0	
mORF_-_2288590	2288590	2288736	-	5	147	TTG	TGA	0	0	
mORF_-_2288594	2288594	2288767	-	6	174	TTG	TAA	0	0	
mORF_-_2288836	2288836	2288925	-	5	90	TTG	TAA	0	0	
mORF_-_2288926	2288926	2289315	-	5	390	ATG	TGA	0	0	
mORF_-_2288933	2288933	2289010	-	6	78	GTG	TAA	0	0	
mORF_-_2288973	2288973	2289032	-	4	60	TTG	TGA	0	0	
mORF_-_2289029	2289029	2289085	-	6	57	ATG	TGA	0	0	
mORF_-_2289108	2289108	2289164	-	4	57	GTG	TGA	0	0	
mORF_-_2289119	2289119	2289166	-	6	48	TTG	TGA	0	0	
mORF_-_2289204	2289204	2289218	-	4	15	TTG	TAA	0	0	
mORF_-_2289261	2289261	2289335	-	4	75	GTG	TGA	0	0	
mORF_-_2289275	2289275	2289280	-	6	6	GTG	TAA	0	0	
mORF_-_2289305	2289305	2289322	-	6	18	ATG	TGA	0	0	
mORF_-_2289326	2289326	2289343	-	6	18	TTG	TAG	0	0	
mORF_-_2289340	2289340	2289435	-	5	96	TTG	TGA	0	0	
mORF_-_2289348	2289348	2289368	-	4	21	ATG	TAG	0	0	
mORF_-_2289380	2289380	2290432	-	6	1053	ATG	TAA	1	2	pORF_-_2289380

mORF_-_2289432	2289432	2289488	-	4	57	GTG	TGA	0	0
mORF_-_2289436	2289436	2289444	-	5	9	GTG	TGA	0	0
mORF_-_2289478	2289478	2289537	-	5	60	ATG	TGA	0	0
mORF_-_2289544	2289544	2289552	-	5	9	GTG	TAA	0	0
mORF_-_2289574	2289574	2289597	-	5	24	GTG	TGA	0	0
mORF_-_2289634	2289634	2289741	-	5	108	TTG	TGA	0	0
mORF_-_2289766	2289766	2289813	-	5	48	TTG	TAG	0	0
mORF_-_2289910	2289910	2289957	-	5	48	TTG	TGA	0	0
mORF_-_2289958	2289958	2290098	-	5	141	TTG	TAA	0	0
mORF_-_2290026	2290026	2290121	-	4	96	GTG	TGA	0	0
mORF_-_2290141	2290141	2290197	-	5	57	TTG	TAA	0	0
mORF_-_2290225	2290225	2290260	-	5	36	TTG	TGA	0	0
mORF_-_2290230	2290230	2290298	-	4	69	ATG	TGA	0	0
mORF_-_2290261	2290261	2290371	-	5	111	ATG	TGA	0	0
mORF_-_2290429	2290429	2290986	-	5	558	ATG	TGA	0	0
mORF_-_2290445	2290445	2290462	-	6	18	GTG	TAA	0	0
mORF_-_2290497	2290497	2290571	-	4	75	GTG	TGA	0	0
mORF_-_2290584	2290584	2290604	-	4	21	TTG	TAG	0	0
mORF_-_2290670	2290670	2290750	-	6	81	GTG	TAA	0	0
mORF_-_2290716	2290716	2290736	-	4	21	GTG	TGA	0	0
mORF_-_2290791	2290791	2290940	-	4	150	TTG	TGA	0	0
mORF_-_2290907	2290907	2290924	-	6	18	GTG	TAA	0	0
mORF_-_2290983	2290983	2292926	-	4	1944	ATG	TGA	0	0
mORF_-_2291015	2291015	2291041	-	6	27	TTG	TGA	0	0
mORF_-_2291038	2291038	2291130	-	5	93	GTG	TGA	0	0
mORF_-_2291072	2291072	2291191	-	6	120	TTG	TGA	0	0
mORF_-_2291207	2291207	2291269	-	6	63	ATG	TGA	0	0
mORF_-_2291276	2291276	2291302	-	6	27	GTG	TAA	0	0
mORF_-_2291318	2291318	2291356	-	6	39	ATG	TGA	0	0
mORF_-_2291381	2291381	2291434	-	6	54	TTG	TGA	0	0
mORF_-_2291416	2291416	2291604	-	5	189	GTG	TAG	0	0
mORF_-_2291438	2291438	2291542	-	6	105	TTG	TGA	0	0
mORF_-_2291573	2291573	2291584	-	6	12	TTG	TGA	0	0
mORF_-_2291648	2291648	2291722	-	6	75	TTG	TGA	0	0
mORF_-_2291732	2291732	2291860	-	6	129	ATG	TGA	0	0
mORF_-_2291797	2291797	2291892	-	5	96	GTG	TAA	0	0
mORF_-_2291867	2291867	2291899	-	6	33	ATG	TAG	0	0
mORF_-_2291903	2291903	2291959	-	6	57	TTG	TAA	0	0
mORF_-_2291960	2291960	2292082	-	6	123	GTG	TGA	0	0
mORF_-_2292004	2292004	2292105	-	5	102	GTG	TGA	0	0
mORF_-_2292127	2292127	2292297	-	5	171	GTG	TGA	0	0
mORF_-_2292191	2292191	2292217	-	6	27	GTG	TAG	0	0
mORF_-_2292269	2292269	2292316	-	6	48	ATG	TGA	0	0
mORF_-_2292338	2292338	2292364	-	6	27	TTG	TGA	0	0
mORF_-_2292416	2292416	2292529	-	6	114	GTG	TGA	0	0
mORF_-_2292542	2292542	2292604	-	6	63	TTG	TAA	0	0
mORF_-_2292586	2292586	2292633	-	5	48	GTG	TAG	0	0
mORF_-_2292620	2292620	2292802	-	6	183	TTG	TGA	0	0
mORF_-_2292649	2292649	2292897	-	5	249	GTG	TGA	0	0
mORF_-_2292821	2292821	2292913	-	6	93	TTG	TGA	0	0
mORF_-_2292907	2292907	2293146	-	5	240	ATG	TAA	0	0
mORF_-_2292923	2292923	2293402	-	6	480	ATG	TGA	0	0
mORF_-_2293168	2293168	2293194	-	5	27	GTG	TGA	0	0
mORF_-_2293204	2293204	2293320	-	5	117	ATG	TGA	0	0
mORF_-_2293257	2293257	2293376	-	4	120	GTG	TGA	0	0
mORF_-_2293339	2293339	2293371	-	5	33	TTG	TGA	0	0
mORF_-_2293386	2293386	2293466	-	4	81	GTG	TAA	0	0
mORF_-_2293399	2293399	2293608	-	5	210	ATG	TGA	0	0
mORF_-_2293530	2293530	2293595	-	4	66	TTG	TGA	0	0
mORF_-_2293605	2293605	2294366	-	4	762	TTG	TGA	0	0
mORF_-_2293628	2293628	2293636	-	6	9	GTG	TGA	0	0
mORF_-_2293633	2293633	2293644	-	5	12	GTG	TGA	0	0
mORF_-_2293675	2293675	2293908	-	5	234	GTG	TAA	0	0

mORF_-_2293694	2293694	2293723	-	6	30	TTG	TGA	0	0	
mORF_-_2293838	2293838	2293849	-	6	12	TTG	TGA	0	0	
mORF_-_2293850	2293850	2293915	-	6	66	TTG	TGA	0	0	
mORF_-_2293916	2293916	2293927	-	6	12	ATG	TGA	0	0	
mORF_-_2293948	2293948	2294004	-	5	57	ATG	TGA	0	0	
mORF_-_2293955	2293955	2294047	-	6	93	TTG	TGA	0	0	
mORF_-_2294084	2294084	2294290	-	6	207	GTG	TGA	0	0	
mORF_-_2294203	2294203	2294421	-	5	219	TTG	TGA	0	0	
mORF_-_2294384	2294384	2295046	-	6	663	ATG	TAA	0	0	
mORF_-_2294458	2294458	2294523	-	5	66	TTG	TAG	0	0	
mORF_-_2294542	2294542	2294577	-	5	36	GTG	TGA	0	0	
mORF_-_2294596	2294596	2294628	-	5	33	TTG	TGA	0	0	
mORF_-_2294662	2294662	2294682	-	5	21	ATG	TGA	0	0	
mORF_-_2294755	2294755	2294772	-	5	18	TTG	TGA	0	0	
mORF_-_2294800	2294800	2294901	-	5	102	TTG	TGA	0	0	
mORF_-_2294832	2294832	2294972	-	4	141	GTG	TGA	0	0	
mORF_-_2294953	2294953	2294958	-	5	6	TTG	TAA	0	0	
mORF_-_2295007	2295007	2295021	-	5	15	TTG	TAG	0	0	
mORF_-_2295043	2295043	2295666	-	5	624	GTG	TGA	2	4	pORF_-_2295043
mORF_-_2295063	2295063	2295095	-	4	33	TTG	TGA	0	0	
mORF_-_2295123	2295123	2295128	-	4	6	TTG	TGA	0	0	
mORF_-_2295165	2295165	2295230	-	4	66	GTG	TGA	0	0	
mORF_-_2295188	2295188	2295430	-	6	243	ATG	TGA	0	0	
mORF_-_2295288	2295288	2295359	-	4	72	ATG	TAA	0	0	
mORF_-_2295557	2295557	2295577	-	6	21	GTG	TAG	0	0	
mORF_-_2295588	2295588	2295701	-	4	114	GTG	TGA	0	0	
mORF_-_2295632	2295632	2295637	-	6	6	TTG	TGA	0	0	
mORF_-_2295653	2295653	2295670	-	6	18	TTG	TGA	0	0	
mORF_-_2295679	2295679	2296281	-	5	603	ATG	TAA	0	0	
mORF_-_2295723	2295723	2295758	-	4	36	ATG	TAG	0	0	
mORF_-_2295731	2295731	2295739	-	6	9	TTG	TAA	0	0	
mORF_-_2295762	2295762	2295791	-	4	30	TTG	TGA	0	0	
mORF_-_2295836	2295836	2295844	-	6	9	GTG	TAA	0	0	
mORF_-_2295854	2295854	2295877	-	6	24	GTG	TAA	0	0	
mORF_-_2295864	2295864	2295881	-	4	18	ATG	TGA	0	0	
mORF_-_2295894	2295894	2295950	-	4	57	ATG	TGA	0	0	
mORF_-_2295959	2295959	2296015	-	6	57	TTG	TAA	0	0	
mORF_-_2295981	2295981	2296181	-	4	201	TTG	TGA	0	0	
mORF_-_2296148	2296148	2296240	-	6	93	GTG	TAA	0	0	
mORF_-_2296251	2296251	2296478	-	4	228	GTG	TGA	0	0	
mORF_-_2296268	2296268	2296486	-	6	219	GTG	TGA	0	0	
mORF_-_2296291	2296291	2296761	-	5	471	ATG	TAA	0	0	
mORF_-_2296512	2296512	2296529	-	4	18	TTG	TAA	0	0	
mORF_-_2296557	2296557	2296562	-	4	6	ATG	TGA	0	0	
mORF_-_2296566	2296566	2296655	-	4	90	ATG	TGA	0	0	
mORF_-_2296655	2296655	2296711	-	6	57	GTG	TAA	0	0	
mORF_-_2296722	2296722	2296730	-	4	9	ATG	TGA	0	0	
mORF_-_2296737	2296737	2297600	-	4	864	ATG	TGA	0	0	
mORF_-_2296769	2296769	2296798	-	6	30	ATG	TAA	0	0	
mORF_-_2296786	2296786	2296824	-	5	39	TTG	TGA	0	0	
mORF_-_2296817	2296817	2296948	-	6	132	TTG	TGA	0	0	
mORF_-_2296855	2296855	2296908	-	5	54	TTG	TGA	0	0	
mORF_-_2296921	2296921	2296926	-	5	6	ATG	TAA	0	0	
mORF_-_2296955	2296955	2297041	-	6	87	TTG	TGA	0	0	
mORF_-_2296966	2296966	2297013	-	5	48	GTG	TAG	0	0	
mORF_-_2297095	2297095	2297133	-	5	39	TTG	TAG	0	0	
mORF_-_2297147	2297147	2297227	-	6	81	TTG	TAA	0	0	
mORF_-_2297224	2297224	2297289	-	5	66	TTG	TGA	0	0	
mORF_-_2297330	2297330	2297338	-	6	9	GTG	TGA	0	0	
mORF_-_2297342	2297342	2297377	-	6	36	TTG	TGA	0	0	
mORF_-_2297405	2297405	2297467	-	6	63	TTG	TGA	0	0	
mORF_-_2297431	2297431	2297547	-	5	117	GTG	TAG	0	0	
mORF_-_2297480	2297480	2297710	-	6	231	GTG	TGA	0	0	

mORF_-_2297587	2297587	2298282	-	5	696	ATG	TAA	0	0	
mORF_-_2297637	2297637	2298008	-	4	372	TTG	TAG	0	0	
mORF_-_2297711	2297711	2297719	-	6	9	TTG	TAA	0	0	
mORF_-_2297810	2297810	2297836	-	6	27	TTG	TGA	0	0	
mORF_-_2297927	2297927	2297965	-	6	39	GTG	TGA	0	0	
mORF_-_2297975	2297975	2298316	-	6	342	GTG	TGA	0	0	
mORF_-_2298054	2298054	2298113	-	4	60	TTG	TAA	0	0	
mORF_-_2298126	2298126	2298356	-	4	231	ATG	TAA	0	0	
mORF_-_2298289	2298289	2300775	-	5	2487	ATG	TAA	2	4	pORF_-_2298289
mORF_-_2298363	2298363	2298449	-	4	87	TTG	TGA	0	0	
mORF_-_2298443	2298443	2298634	-	6	192	GTG	TGA	0	0	
mORF_-_2298456	2298456	2298467	-	4	12	GTG	TGA	0	0	
mORF_-_2298483	2298483	2298578	-	4	96	GTG	TGA	0	0	
mORF_-_2298585	2298585	2298650	-	4	66	ATG	TGA	0	0	
mORF_-_2298690	2298690	2298704	-	4	15	ATG	TGA	0	0	
mORF_-_2298755	2298755	2298775	-	6	21	GTG	TAA	0	0	
mORF_-_2298792	2298792	2298929	-	4	138	ATG	TGA	0	0	
mORF_-_2298830	2298830	2298874	-	6	45	ATG	TGA	0	0	
mORF_-_2298926	2298926	2299054	-	6	129	ATG	TGA	0	0	
mORF_-_2298972	2298972	2299016	-	4	45	GTG	TGA	0	0	
mORF_-_2299166	2299166	2299195	-	6	30	GTG	TAA	0	0	
mORF_-_2299212	2299212	2299355	-	4	144	ATG	TGA	0	0	
mORF_-_2299301	2299301	2299441	-	6	141	GTG	TGA	0	0	
mORF_-_2299371	2299371	2299460	-	4	90	GTG	TGA	0	0	
mORF_-_2299476	2299476	2299535	-	4	60	GTG	TGA	0	0	
mORF_-_2299520	2299520	2299573	-	6	54	TTG	TGA	0	0	
mORF_-_2299596	2299596	2299700	-	4	105	ATG	TGA	0	0	
mORF_-_2299625	2299625	2299633	-	6	9	GTG	TAA	0	0	
mORF_-_2299743	2299743	2299799	-	4	57	TTG	TGA	0	0	
mORF_-_2299932	2299932	2299940	-	4	9	ATG	TAA	0	0	
mORF_-_2299977	2299977	2300222	-	4	246	TTG	TGA	0	0	
mORF_-_2300090	2300090	2300143	-	6	54	GTG	TAA	0	0	
mORF_-_2300223	2300223	2300306	-	4	84	ATG	TAG	0	0	
mORF_-_2300285	2300285	2300326	-	6	42	GTG	TAA	0	0	
mORF_-_2300397	2300397	2300450	-	4	54	ATG	TGA	0	0	
mORF_-_2300538	2300538	2300735	-	4	198	TTG	TGA	0	0	
mORF_-_2300549	2300549	2300641	-	6	93	GTG	TAA	0	0	
mORF_-_2300648	2300648	2300656	-	6	9	ATG	TAA	0	0	
mORF_-_2300756	2300756	2300788	-	6	33	GTG	TAG	0	0	
mORF_-_2300772	2300772	2301035	-	4	264	ATG	TGA	0	0	
mORF_-_2300837	2300837	2300857	-	6	21	TTG	TAG	0	0	
mORF_-_2300867	2300867	2300902	-	6	36	TTG	TGA	0	0	
mORF_-_2300903	2300903	2300941	-	6	39	GTG	TGA	0	0	
mORF_-_2300938	2300938	2301015	-	5	78	TTG	TGA	0	0	
mORF_-_2300957	2300957	2301100	-	6	144	TTG	TGA	0	0	
mORF_-_2301025	2301025	2301519	-	5	495	GTG	TAA	0	0	
mORF_-_2301051	2301051	2301386	-	4	336	ATG	TAA	0	0	
mORF_-_2301173	2301173	2301193	-	6	21	ATG	TAG	0	0	
mORF_-_2301194	2301194	2301316	-	6	123	GTG	TGA	0	0	
mORF_-_2301377	2301377	2301382	-	6	6	TTG	TGA	0	0	
mORF_-_2301386	2301386	2301412	-	6	27	TTG	TAA	0	0	
mORF_-_2301417	2301417	2301512	-	4	96	TTG	TGA	0	0	
mORF_-_2301509	2301509	2301565	-	6	57	TTG	TGA	0	0	
mORF_-_2301516	2301516	2301521	-	4	6	ATG	TGA	0	0	
mORF_-_2301535	2301535	2301576	-	5	42	ATG	TAA	0	0	
mORF_-_2301579	2301579	2301590	-	4	12	ATG	TAA	0	0	
mORF_-_2301602	2301602	2301751	-	6	150	GTG	TAG	0	0	
mORF_-_2301622	2301622	2301633	-	5	12	ATG	TGA	0	0	
mORF_-_2301664	2301664	2301708	-	5	45	GTG	TGA	0	0	
mORF_-_2301705	2301705	2301710	-	4	6	ATG	TGA	0	0	
mORF_-_2301732	2301732	2301782	-	4	51	ATG	TAA	0	0	
mORF_-_2301748	2301748	2301840	-	5	93	ATG	TGA	0	0	
mORF_-_2301833	2301833	2301973	-	6	141	GTG	TAA	0	0	

mORF_-_2301939	2301939	2302031	-	4	93	TTG	TAG	0	0	
mORF_-_2301967	2301967	2302029	-	5	63	GTG	TAG	0	0	
mORF_-_2302065	2302065	2302076	-	4	12	TTG	TAA	0	0	
mORF_-_2302107	2302107	2302145	-	4	39	ATG	TAA	0	0	
mORF_-_2302115	2302115	2302171	-	6	57	TTG	TGA	0	0	
mORF_-_2302199	2302199	2302279	-	6	81	GTG	TAA	0	0	
mORF_-_2302216	2302216	2302233	-	5	18	TTG	TGA	0	0	
mORF_-_2302230	2302230	2302478	-	4	249	TTG	TGA	0	0	
mORF_-_2302310	2302310	2302399	-	6	90	TTG	TAA	0	0	
mORF_-_2302412	2302412	2302435	-	6	24	GTG	TAG	0	0	
mORF_-_2302444	2302444	2302467	-	5	24	ATG	TGA	0	0	
mORF_-_2302457	2302457	2302711	-	6	255	TTG	TGA	0	0	
mORF_-_2302525	2302525	2302548	-	5	24	GTG	TAG	0	0	
mORF_-_2302557	2302557	2302580	-	4	24	ATG	TGA	0	0	
mORF_-_2302570	2302570	2302806	-	5	237	ATG	TGA	0	0	
mORF_-_2302638	2302638	2302661	-	4	24	GTG	TAG	0	0	
mORF_-_2302683	2302683	2302700	-	4	18	ATG	TAA	0	0	
mORF_-_2302701	2302701	2302937	-	4	237	TTG	TAG	0	0	
mORF_-_2302751	2302751	2302774	-	6	24	GTG	TAG	0	0	
mORF_-_2302796	2302796	2303032	-	6	237	ATG	TAA	0	0	
mORF_-_2302864	2302864	2302887	-	5	24	GTG	TAG	0	0	
mORF_-_2302909	2302909	2302926	-	5	18	ATG	TAA	0	0	
mORF_-_2302927	2302927	2303130	-	5	204	ATG	TAG	0	0	
mORF_-_2302977	2302977	2303000	-	4	24	GTG	TAG	0	0	
mORF_-_2303022	2303022	2303039	-	4	18	ATG	TAA	0	0	
mORF_-_2303040	2303040	2303111	-	4	72	ATG	TAG	0	0	
mORF_-_2303084	2303084	2303140	-	6	57	TTG	TGA	0	0	
mORF_-_2303130	2303130	2304776	-	4	1647	ATG	TAA	8	67	pORF_-_2303130
mORF_-_2303270	2303270	2303278	-	6	9	GTG	TAG	0	0	
mORF_-_2303275	2303275	2303331	-	5	57	ATG	TGA	0	0	
mORF_-_2303282	2303282	2303296	-	6	15	ATG	TGA	0	0	
mORF_-_2303315	2303315	2303356	-	6	42	TTG	TGA	0	0	
mORF_-_2303375	2303375	2303497	-	6	123	GTG	TGA	0	0	
mORF_-_2303494	2303494	2303532	-	5	39	GTG	TGA	0	0	
mORF_-_2303573	2303573	2303599	-	6	27	GTG	TGA	0	0	
mORF_-_2303674	2303674	2303706	-	5	33	GTG	TAA	0	0	
mORF_-_2303696	2303696	2303755	-	6	60	TTG	TAA	0	0	
mORF_-_2303762	2303762	2303887	-	6	126	TTG	TAG	0	0	
mORF_-_2303957	2303957	2304019	-	6	63	ATG	TGA	0	0	
mORF_-_2304023	2304023	2304061	-	6	39	ATG	TGA	0	0	
mORF_-_2304068	2304068	2304130	-	6	63	TTG	TAA	0	0	
mORF_-_2304106	2304106	2304237	-	5	132	GTG	TAA	0	0	
mORF_-_2304158	2304158	2304172	-	6	15	TTG	TGA	0	0	
mORF_-_2304224	2304224	2304349	-	6	126	TTG	TAG	0	0	
mORF_-_2304353	2304353	2304487	-	6	135	ATG	TGA	0	0	
mORF_-_2304518	2304518	2304577	-	6	60	GTG	TGA	0	0	
mORF_-_2304544	2304544	2304609	-	5	66	ATG	TAA	0	0	
mORF_-_2304650	2304650	2304667	-	6	18	TTG	TGA	0	0	
mORF_-_2304668	2304668	2304730	-	6	63	ATG	TGA	0	0	
mORF_-_2304804	2304804	2304842	-	4	39	GTG	TAA	0	0	
mORF_-_2304830	2304830	2304856	-	6	27	ATG	TGA	0	0	
mORF_-_2304868	2304868	2304897	-	5	30	ATG	TAA	0	0	
mORF_-_2304916	2304916	2304951	-	5	36	ATG	TAA	0	0	
mORF_-_2304945	2304945	2305031	-	4	87	ATG	TAA	0	0	
mORF_-_2304994	2304994	2306637	-	5	1644	ATG	TAA	6	16	pORF_-_2304994
mORF_-_2305047	2305047	2305115	-	4	69	ATG	TGA	0	0	
mORF_-_2305152	2305152	2305217	-	4	66	ATG	TGA	0	0	
mORF_-_2305178	2305178	2305213	-	6	36	ATG	TGA	0	0	
mORF_-_2305293	2305293	2305304	-	4	12	TTG	TGA	0	0	
mORF_-_2305317	2305317	2305325	-	4	9	TTG	TAA	0	0	
mORF_-_2305328	2305328	2305357	-	6	30	GTG	TAA	0	0	
mORF_-_2305341	2305341	2305490	-	4	150	ATG	TGA	0	0	
mORF_-_2305530	2305530	2305574	-	4	45	TTG	TGA	0	0	

mORF_-_2305575	2305575	2305649	-	4	75	TTG	TGA	0	0	
mORF_-_2305767	2305767	2305790	-	4	24	TTG	TGA	0	0	
mORF_-_2305827	2305827	2305847	-	4	21	TTG	TGA	0	0	
mORF_-_2305856	2305856	2305864	-	6	9	TTG	TGA	0	0	
mORF_-_2305929	2305929	2306015	-	4	87	ATG	TGA	0	0	
mORF_-_2306040	2306040	2306144	-	4	105	TTG	TGA	0	0	
mORF_-_2306099	2306099	2306212	-	6	114	GTG	TGA	0	0	
mORF_-_2306181	2306181	2306297	-	4	117	ATG	TAA	0	0	
mORF_-_2306304	2306304	2306384	-	4	81	GTG	TAA	0	0	
mORF_-_2306384	2306384	2306692	-	6	309	GTG	TAG	0	0	
mORF_-_2306454	2306454	2306540	-	4	87	TTG	TGA	0	0	
mORF_-_2306541	2306541	2306549	-	4	9	TTG	TAA	0	0	
mORF_-_2306553	2306553	2306564	-	4	12	GTG	TAG	0	0	
mORF_-_2306583	2306583	2306654	-	4	72	TTG	TGA	0	0	
mORF_-_2306659	2306659	2306697	-	5	39	TTG	TAA	0	0	
mORF_-_2306713	2306713	2307363	-	5	651	ATG	TAA	0	0	
mORF_-_2306787	2306787	2306879	-	4	93	ATG	TGA	0	0	
mORF_-_2306822	2306822	2306833	-	6	12	ATG	TGA	0	0	
mORF_-_2306886	2306886	2307173	-	4	288	GTG	TGA	0	0	
mORF_-_2306963	2306963	2307067	-	6	105	ATG	TAA	0	0	
mORF_-_2307071	2307071	2307100	-	6	30	GTG	TAA	0	0	
mORF_-_2307180	2307180	2307251	-	4	72	ATG	TGA	0	0	
mORF_-_2307264	2307264	2307290	-	4	27	TTG	TGA	0	0	
mORF_-_2307281	2307281	2307334	-	6	54	GTG	TAA	0	0	
mORF_-_2307303	2307303	2307350	-	4	48	TTG	TAA	0	0	
mORF_-_2307338	2307338	2307451	-	6	114	GTG	TGA	0	0	
mORF_-_2307363	2307363	2308427	-	4	1065	ATG	TAA	0	0	
mORF_-_2307473	2307473	2307574	-	6	102	GTG	TAA	0	0	
mORF_-_2307571	2307571	2307579	-	5	9	TTG	TGA	0	0	
mORF_-_2307680	2307680	2307694	-	6	15	ATG	TGA	0	0	
mORF_-_2307761	2307761	2307880	-	6	120	GTG	TAA	0	0	
mORF_-_2307775	2307775	2307828	-	5	54	TTG	TGA	0	0	
mORF_-_2307838	2307838	2307843	-	5	6	TTG	TGA	0	0	
mORF_-_2308066	2308066	2308158	-	5	93	GTG	TAA	0	0	
mORF_-_2308127	2308127	2308363	-	6	237	ATG	TAA	0	0	
mORF_-_2308171	2308171	2308317	-	5	147	TTG	TAA	0	0	
mORF_-_2308402	2308402	2308413	-	5	12	ATG	TGA	0	0	
mORF_-_2308442	2308442	2308477	-	6	36	GTG	TAA	0	0	
mORF_-_2308455	2308455	2308520	-	4	66	TTG	TAA	0	0	
mORF_-_2308474	2308474	2308491	-	5	18	TTG	TGA	0	0	
mORF_-_2308501	2308501	2309556	-	5	1056	ATG	TAA	0	0	
mORF_-_2308578	2308578	2308610	-	4	33	TTG	TGA	0	0	
mORF_-_2308641	2308641	2308685	-	4	45	TTG	TGA	0	0	
mORF_-_2308692	2308692	2308808	-	4	117	ATG	TGA	0	0	
mORF_-_2308847	2308847	2308879	-	6	33	GTG	TAA	0	0	
mORF_-_2308869	2308869	2308892	-	4	24	GTG	TAG	0	0	
mORF_-_2308889	2308889	2309164	-	6	276	GTG	TGA	0	0	
mORF_-_2308896	2308896	2308904	-	4	9	GTG	TGA	0	0	
mORF_-_2308962	2308962	2309018	-	4	57	ATG	TGA	0	0	
mORF_-_2309100	2309100	2309156	-	4	57	TTG	TGA	0	0	
mORF_-_2309187	2309187	2309258	-	4	72	GTG	TAA	0	0	
mORF_-_2309255	2309255	2309269	-	6	15	GTG	TGA	0	0	
mORF_-_2309301	2309301	2309507	-	4	207	TTG	TGA	0	0	
mORF_-_2309459	2309459	2309572	-	6	114	ATG	TGA	0	0	
mORF_-_2309547	2309547	2309624	-	4	78	TTG	TAA	0	0	
mORF_-_2309569	2309569	2309661	-	5	93	TTG	TGA	0	0	
mORF_-_2309668	2309668	2310771	-	5	1104	ATG	TAA	68	205	pORF_-_2309668
mORF_-_2309694	2309694	2309819	-	4	126	ATG	TAG	0	0	
mORF_-_2309823	2309823	2309924	-	4	102	TTG	TGA	0	0	
mORF_-_2309867	2309867	2309956	-	6	90	TTG	TAA	0	0	
mORF_-_2310033	2310033	2310200	-	4	168	GTG	TGA	0	0	
mORF_-_2310213	2310213	2310275	-	4	63	TTG	TAA	0	0	
mORF_-_2310279	2310279	2310377	-	4	99	GTG	TGA	0	0	

mORF_-_2310408	2310408	2310458	-	4	51	ATG	TAA	0	0
mORF_-_2310468	2310468	2310488	-	4	21	GTG	TGA	0	0
mORF_-_2310512	2310512	2310544	-	6	33	GTG	TGA	0	0
mORF_-_2310558	2310558	2310620	-	4	63	ATG	TGA	0	0
mORF_-_2310621	2310621	2310626	-	4	6	ATG	TAG	0	0
mORF_-_2310787	2310787	2310822	-	5	36	ATG	TAA	0	0
mORF_-_2310809	2310809	2310838	-	6	30	ATG	TAA	0	0
mORF_-_2310838	2310838	2310921	-	5	84	ATG	TAA	0	0
mORF_-_2310908	2310908	2310955	-	6	48	TTG	TAA	0	0
mORF_-_2310928	2310928	2310996	-	5	69	GTG	TAG	0	0
mORF_-_2310939	2310939	2311010	-	4	72	TTG	TGA	0	0
mORF_-_2310971	2310971	2311033	-	6	63	TTG	TAA	0	0
mORF_-_2311030	2311030	2311116	-	5	87	ATG	TGA	0	0
mORF_-_2311044	2311044	2311061	-	4	18	GTG	TAA	0	0
mORF_-_2311068	2311068	2311091	-	4	24	TTG	TGA	0	0
mORF_-_2311082	2311082	2311138	-	6	57	ATG	TGA	0	0
mORF_-_2311122	2311122	2311142	-	4	21	ATG	TAA	0	0
mORF_-_2311163	2311163	2311300	-	6	138	TTG	TAG	0	0
mORF_-_2311197	2311197	2311214	-	4	18	GTG	TAA	0	0
mORF_-_2311207	2311207	2311221	-	5	15	ATG	TAA	0	0
mORF_-_2311261	2311261	2311269	-	5	9	GTG	TAG	0	0
mORF_-_2311266	2311266	2311271	-	4	6	TTG	TGA	0	0
mORF_-_2311276	2311276	2311317	-	5	42	TTG	TAA	0	0
mORF_-_2311308	2311308	2311373	-	4	66	ATG	TAA	0	0
mORF_-_2311318	2311318	2311386	-	5	69	TTG	TAA	0	0
mORF_-_2311343	2311343	2311357	-	6	15	TTG	TAA	0	0
mORF_-_2311374	2311374	2311427	-	4	54	TTG	TAG	0	0
mORF_-_2311428	2311428	2311478	-	4	51	GTG	TGA	0	0
mORF_-_2311448	2311448	2311453	-	6	6	GTG	TGA	0	0
mORF_-_2311490	2311490	2311549	-	6	60	GTG	TAA	0	0
mORF_-_2311515	2311515	2311592	-	4	78	ATG	TGA	0	0
mORF_-_2311597	2311597	2311692	-	5	96	TTG	TAA	0	0
mORF_-_2311659	2311659	2311676	-	4	18	ATG	TAA	0	0
mORF_-_2311685	2311685	2311987	-	6	303	TTG	TAG	0	0
mORF_-_2311731	2311731	2311742	-	4	12	ATG	TAG	0	0
mORF_-_2311777	2311777	2311782	-	5	6	TTG	TAA	0	0
mORF_-_2311809	2311809	2311832	-	4	24	TTG	TAG	0	0
mORF_-_2311843	2311843	2311860	-	5	18	GTG	TAA	0	0
mORF_-_2311857	2311857	2311865	-	4	9	TTG	TGA	0	0
mORF_-_2311884	2311884	2311898	-	4	15	GTG	TGA	0	0
mORF_-_2311959	2311959	2312114	-	4	156	ATG	TGA	0	0
mORF_-_2312033	2312033	2312053	-	6	21	GTG	TGA	0	0
mORF_-_2312050	2312050	2312328	-	5	279	GTG	TGA	0	0
mORF_-_2312142	2312142	2312366	-	4	225	TTG	TAA	0	0
mORF_-_2312147	2312147	2312152	-	6	6	ATG	TAA	0	0
mORF_-_2312165	2312165	2312188	-	6	24	TTG	TAA	0	0
mORF_-_2312213	2312213	2312278	-	6	66	TTG	TAA	0	0
mORF_-_2312330	2312330	2312362	-	6	33	GTG	TAA	0	0
mORF_-_2312369	2312369	2312497	-	6	129	ATG	TAG	0	0
mORF_-_2312400	2312400	2312459	-	4	60	ATG	TAA	0	0
mORF_-_2312410	2312410	2312430	-	5	21	TTG	TAA	0	0
mORF_-_2312479	2312479	2312505	-	5	27	ATG	TAA	0	0
mORF_-_2312487	2312487	2312579	-	4	93	TTG	TAG	0	0
mORF_-_2312546	2312546	2312575	-	6	30	TTG	TGA	0	0
mORF_-_2312576	2312576	2312596	-	6	21	GTG	TGA	0	0
mORF_-_2312593	2312593	2312991	-	5	399	TTG	TGA	0	0
mORF_-_2312625	2312625	2312657	-	4	33	TTG	TGA	0	0
mORF_-_2312667	2312667	2312708	-	4	42	ATG	TGA	0	0
mORF_-_2312733	2312733	2312810	-	4	78	ATG	TGA	0	0
mORF_-_2312744	2312744	2312800	-	6	57	GTG	TGA	0	0
mORF_-_2312820	2312820	2312987	-	4	168	TTG	TGA	0	0
mORF_-_2312903	2312903	2312941	-	6	39	GTG	TAA	0	0
mORF_-_2313000	2313000	2313173	-	4	174	TTG	TGA	0	0

mORF_-_2313124	2313124	2313189	-	5	66	GTG	TGA	0	0	
mORF_-_2313167	2313167	2313262	-	6	96	TTG	TAA	0	0	
mORF_-_2313174	2313174	2313281	-	4	108	GTG	TGA	0	0	
mORF_-_2313235	2313235	2313246	-	5	12	TTG	TAG	0	0	
mORF_-_2313259	2313259	2313480	-	5	222	ATG	TGA	0	0	
mORF_-_2313294	2313294	2313341	-	4	48	GTG	TGA	0	0	
mORF_-_2313360	2313360	2313395	-	4	36	TTG	TGA	0	0	
mORF_-_2313392	2313392	2313463	-	6	72	GTG	TGA	0	0	
mORF_-_2313414	2313414	2313422	-	4	9	TTG	TAG	0	0	
mORF_-_2313477	2313477	2313491	-	4	15	TTG	TGA	0	0	
mORF_-_2313481	2313481	2313528	-	5	48	ATG	TAA	0	0	
mORF_-_2313488	2313488	2313514	-	6	27	GTG	TGA	0	0	
mORF_-_2313516	2313516	2313674	-	4	159	GTG	TAG	0	0	
mORF_-_2313635	2313635	2313664	-	6	30	TTG	TGA	0	0	
mORF_-_2313671	2313671	2313676	-	6	6	GTG	TGA	0	0	
mORF_-_2313688	2313688	2313699	-	5	12	TTG	TAA	0	0	
mORF_-_2313757	2313757	2313801	-	5	45	TTG	TAA	0	0	
mORF_-_2313798	2313798	2313827	-	4	30	TTG	TGA	0	0	
mORF_-_2313847	2313847	2313852	-	5	6	TTG	TAA	0	0	
mORF_-_2313853	2313853	2313927	-	5	75	ATG	TAA	0	0	
mORF_-_2313939	2313939	2313959	-	4	21	GTG	TAA	0	0	
mORF_-_2313974	2313974	2314000	-	6	27	TTG	TAA	0	0	
mORF_-_2314018	2314018	2314035	-	5	18	ATG	TAA	0	0	
mORF_-_2314032	2314032	2314154	-	4	123	ATG	TGA	0	0	
mORF_-_2314084	2314084	2314185	-	5	102	TTG	TAA	0	0	
mORF_-_2314161	2314161	2314169	-	4	9	TTG	TAA	0	0	
mORF_-_2314166	2314166	2314234	-	6	69	ATG	TGA	0	0	
mORF_-_2314195	2314195	2314470	-	5	276	TTG	TAA	0	0	
mORF_-_2314218	2314218	2314265	-	4	48	GTG	TAA	0	0	
mORF_-_2314262	2314262	2314351	-	6	90	ATG	TGA	0	0	
mORF_-_2314311	2314311	2314319	-	4	9	GTG	TAG	0	0	
mORF_-_2314406	2314406	2314528	-	6	123	TTG	TAA	0	0	
mORF_-_2314419	2314419	2314436	-	4	18	TTG	TGA	0	0	
mORF_-_2314482	2314482	2314535	-	4	54	GTG	TAA	0	0	
mORF_-_2314620	2314620	2314658	-	4	39	TTG	TGA	0	0	
mORF_-_2314633	2314633	2314743	-	5	111	ATG	TAA	1	2	pORF_-_2314633
mORF_-_2314743	2314743	2314853	-	4	111	GTG	TGA	0	0	
mORF_-_2314846	2314846	2314947	-	5	102	ATG	TAG	0	0	
mORF_-_2314947	2314947	2314958	-	4	12	TTG	TAA	0	0	
mORF_-_2314952	2314952	2315083	-	6	132	ATG	TGA	0	0	
mORF_-_2314960	2314960	2315160	-	5	201	GTG	TAA	0	0	
mORF_-_2314989	2314989	2315000	-	4	12	ATG	TGA	0	0	
mORF_-_2315049	2315049	2317898	-	4	2850	TTG	TAG	6	17	pORF_-_2315049
mORF_-_2315105	2315105	2315110	-	6	6	ATG	TGA	0	0	
mORF_-_2315117	2315117	2315185	-	6	69	ATG	TAA	0	0	
mORF_-_2315240	2315240	2315407	-	6	168	ATG	TGA	0	0	
mORF_-_2315344	2315344	2315349	-	5	6	ATG	TAA	0	0	
mORF_-_2315423	2315423	2315434	-	6	12	ATG	TGA	0	0	
mORF_-_2315498	2315498	2315590	-	6	93	TTG	TGA	0	0	
mORF_-_2315530	2315530	2315631	-	5	102	ATG	TGA	0	0	
mORF_-_2315657	2315657	2315785	-	6	129	GTG	TGA	0	0	
mORF_-_2315906	2315906	2316073	-	6	168	ATG	TGA	0	0	
mORF_-_2315914	2315914	2315919	-	5	6	TTG	TGA	0	0	
mORF_-_2316116	2316116	2316160	-	6	45	ATG	TGA	0	0	
mORF_-_2316161	2316161	2316187	-	6	27	TTG	TAA	0	0	
mORF_-_2316254	2316254	2316277	-	6	24	GTG	TGA	0	0	
mORF_-_2316290	2316290	2316307	-	6	18	TTG	TGA	0	0	
mORF_-_2316374	2316374	2316478	-	6	105	TTG	TGA	0	0	
mORF_-_2316460	2316460	2316579	-	5	120	TTG	TGA	0	0	
mORF_-_2316548	2316548	2316595	-	6	48	ATG	TGA	0	0	
mORF_-_2316647	2316647	2316679	-	6	33	GTG	TGA	0	0	
mORF_-_2316692	2316692	2316712	-	6	21	ATG	TGA	0	0	
mORF_-_2316752	2316752	2316931	-	6	180	ATG	TAA	0	0	

mORF_-_2316953	2316953	2316985	-	6	33	TTG	TGA	0	0
mORF_-_2317034	2317034	2317069	-	6	36	TTG	TGA	0	0
mORF_-_2317136	2317136	2317228	-	6	93	GTG	TGA	0	0
mORF_-_2317268	2317268	2317375	-	6	108	ATG	TGA	0	0
mORF_-_2317385	2317385	2317417	-	6	33	GTG	TGA	0	0
mORF_-_2317495	2317495	2317521	-	5	27	GTG	TAA	0	0
mORF_-_2317552	2317552	2317569	-	5	18	TTG	TAA	0	0
mORF_-_2317556	2317556	2317642	-	6	87	GTG	TGA	0	0
mORF_-_2317691	2317691	2317696	-	6	6	ATG	TGA	0	0
mORF_-_2317736	2317736	2317813	-	6	78	TTG	TGA	0	0
mORF_-_2317865	2317865	2317888	-	6	24	TTG	TGA	0	0
mORF_-_2317916	2317916	2318014	-	6	99	GTG	TGA	0	0
mORF_-_2317938	2317938	2317997	-	4	60	GTG	TAA	0	0
mORF_-_2317960	2317960	2317968	-	5	9	TTG	TAA	0	0
mORF_-_2318016	2318016	2318066	-	4	51	ATG	TAA	0	0
mORF_-_2318033	2318033	2318047	-	6	15	TTG	TGA	0	0
mORF_-_2318050	2318050	2318070	-	5	21	ATG	TAG	0	0
mORF_-_2318060	2318060	2318125	-	6	66	TTG	TGA	0	0
mORF_-_2318085	2318085	2318105	-	4	21	TTG	TAA	0	0
mORF_-_2318098	2318098	2318109	-	5	12	TTG	TAA	0	0
mORF_-_2318106	2318106	2318138	-	4	33	ATG	TGA	0	0
mORF_-_2318135	2318135	2318146	-	6	12	TTG	TGA	0	0
mORF_-_2318160	2318160	2318231	-	4	72	TTG	TAA	0	0
mORF_-_2318237	2318237	2318305	-	6	69	ATG	TAA	0	0
mORF_-_2318268	2318268	2318342	-	4	75	GTG	TAG	0	0
mORF_-_2318305	2318305	2318346	-	5	42	GTG	TAA	0	0
mORF_-_2318343	2318343	2318360	-	4	18	ATG	TGA	0	0
mORF_-_2318373	2318373	2318402	-	4	30	GTG	TAA	0	0
mORF_-_2318419	2318419	2318460	-	5	42	GTG	TAG	0	0
mORF_-_2318424	2318424	2318447	-	4	24	ATG	TGA	0	0
mORF_-_2318441	2318441	2318539	-	6	99	TTG	TAA	0	0
mORF_-_2318499	2318499	2318549	-	4	51	ATG	TAA	0	0
mORF_-_2318574	2318574	2318765	-	4	192	GTG	TAG	0	0
mORF_-_2318593	2318593	2318754	-	5	162	TTG	TAA	0	0
mORF_-_2318726	2318726	2318776	-	6	51	GTG	TGA	0	0
mORF_-_2318770	2318770	2319135	-	5	366	GTG	TAA	0	0
mORF_-_2318805	2318805	2318948	-	4	144	GTG	TGA	0	0
mORF_-_2318813	2318813	2318851	-	6	39	GTG	TAA	0	0
mORF_-_2318982	2318982	2319002	-	4	21	TTG	TAA	0	0
mORF_-_2319012	2319012	2319110	-	4	99	GTG	TAG	0	0
mORF_-_2319110	2319110	2319229	-	6	120	GTG	TAG	0	0
mORF_-_2319123	2319123	2319227	-	4	105	GTG	TGA	0	0
mORF_-_2319172	2319172	2319258	-	5	87	ATG	TAA	0	0
mORF_-_2319274	2319274	2319333	-	5	60	ATG	TAA	0	0
mORF_-_2319281	2319281	2319328	-	6	48	TTG	TAG	0	0
mORF_-_2319333	2319333	2319380	-	4	48	TTG	TGA	0	0
mORF_-_2319356	2319356	2319373	-	6	18	TTG	TGA	0	0
mORF_-_2319370	2319370	2319393	-	5	24	TTG	TGA	0	0
mORF_-_2319383	2319383	2319415	-	6	33	GTG	TAA	0	0
mORF_-_2319406	2319406	2319495	-	5	90	TTG	TGA	0	0
mORF_-_2319423	2319423	2319632	-	4	210	ATG	TGA	0	0
mORF_-_2319443	2319443	2319451	-	6	9	ATG	TGA	0	0
mORF_-_2319574	2319574	2319645	-	5	72	TTG	TAG	0	0
mORF_-_2319608	2319608	2319658	-	6	51	GTG	TGA	0	0
mORF_-_2319633	2319633	2319743	-	4	111	TTG	TGA	0	0
mORF_-_2319655	2319655	2319711	-	5	57	TTG	TGA	0	0
mORF_-_2319772	2319772	2319798	-	5	27	ATG	TAA	0	0
mORF_-_2319777	2319777	2319788	-	4	12	ATG	TGA	0	0
mORF_-_2319788	2319788	2319841	-	6	54	TTG	TAA	0	0
mORF_-_2319831	2319831	2319866	-	4	36	TTG	TAG	0	0
mORF_-_2319863	2319863	2320003	-	6	141	GTG	TGA	0	0
mORF_-_2319910	2319910	2320008	-	5	99	ATG	TAA	0	0
mORF_-_2319963	2319963	2319983	-	4	21	ATG	TAG	0	0

mORF_-_2320008	2320008	2320031	-	4	24	GTG	TAA	0	0	
mORF_-_2320028	2320028	2320081	-	6	54	TTG	TGA	0	0	
mORF_-_2320078	2320078	2320119	-	5	42	GTG	TGA	0	0	
mORF_-_2320086	2320086	2320106	-	4	21	ATG	TAG	0	0	
mORF_-_2320198	2320198	2320293	-	5	96	GTG	TAA	0	0	
mORF_-_2320245	2320245	2320250	-	4	6	TTG	TAA	0	0	
mORF_-_2320257	2320257	2320565	-	4	309	TTG	TGA	0	0	
mORF_-_2320277	2320277	2320369	-	6	93	TTG	TGA	0	0	
mORF_-_2320382	2320382	2320417	-	6	36	GTG	TGA	0	0	
mORF_-_2320399	2320399	2320467	-	5	69	TTG	TAA	0	0	
mORF_-_2320448	2320448	2320489	-	6	42	TTG	TAG	0	0	
mORF_-_2320486	2320486	2320551	-	5	66	ATG	TGA	0	0	
mORF_-_2320552	2320552	2320563	-	5	12	GTG	TAA	0	0	
mORF_-_2320574	2320574	2320666	-	6	93	ATG	TGA	0	0	
mORF_-_2320644	2320644	2320649	-	4	6	TTG	TAG	0	0	
mORF_-_2320668	2320668	2320817	-	4	150	ATG	TAG	0	0	
mORF_-_2320703	2320703	2320777	-	6	75	GTG	TGA	0	0	
mORF_-_2320729	2320729	2320761	-	5	33	TTG	TGA	0	0	
mORF_-_2320863	2320863	2320883	-	4	21	TTG	TAA	0	0	
mORF_-_2320901	2320901	2321029	-	6	129	ATG	TGA	0	0	
mORF_-_2320912	2320912	2320941	-	5	30	GTG	TAA	0	0	
mORF_-_2320945	2320945	2320959	-	5	15	ATG	TAA	0	0	
mORF_-_2321026	2321026	2321052	-	5	27	GTG	TGA	0	0	
mORF_-_2321060	2321060	2321332	-	6	273	ATG	TGA	0	0	
mORF_-_2321115	2321115	2321174	-	4	60	TTG	TAA	0	0	
mORF_-_2321199	2321199	2321279	-	4	81	TTG	TAA	0	0	
mORF_-_2321212	2321212	2321322	-	5	111	ATG	TGA	0	0	
mORF_-_2321286	2321286	2321351	-	4	66	ATG	TAG	0	0	
mORF_-_2321338	2321338	2321355	-	5	18	TTG	TAA	0	0	
mORF_-_2321357	2321357	2321374	-	6	18	TTG	TAA	0	0	
mORF_-_2321379	2321379	2321456	-	4	78	TTG	TAA	0	0	
mORF_-_2321402	2321402	2321860	-	6	459	TTG	TGA	0	0	
mORF_-_2321422	2321422	2321490	-	5	69	ATG	TAG	0	0	
mORF_-_2321490	2321490	2321495	-	4	6	TTG	TAA	0	0	
mORF_-_2321545	2321545	2321613	-	5	69	ATG	TAA	0	0	
mORF_-_2321665	2321665	2321697	-	5	33	GTG	TGA	0	0	
mORF_-_2321694	2321694	2321768	-	4	75	TTG	TGA	0	0	
mORF_-_2321775	2321775	2321786	-	4	12	TTG	TAG	0	0	
mORF_-_2321821	2321821	2321952	-	5	132	GTG	TGA	0	0	
mORF_-_2321925	2321925	2322104	-	4	180	GTG	TAG	0	0	
mORF_-_2321936	2321936	2321959	-	6	24	TTG	TGA	0	0	
mORF_-_2321969	2321969	2322169	-	6	201	TTG	TGA	0	0	
mORF_-_2322106	2322106	2322228	-	5	123	TTG	TGA	0	0	
mORF_-_2322192	2322192	2322218	-	4	27	TTG	TAA	0	0	
mORF_-_2322233	2322233	2322262	-	6	30	TTG	TAA	0	0	
mORF_-_2322247	2322247	2322378	-	5	132	ATG	TGA	0	0	
mORF_-_2322284	2322284	2322334	-	6	51	TTG	TAA	0	0	
mORF_-_2322294	2322294	2322452	-	4	159	TTG	TGA	1	4	pORF_-_2322294
mORF_-_2322389	2322389	2322553	-	6	165	ATG	TAG	0	0	
mORF_-_2322403	2322403	2322723	-	5	321	TTG	TGA	0	0	
mORF_-_2322537	2322537	2322602	-	4	66	GTG	TGA	0	0	
mORF_-_2322569	2322569	2322625	-	6	57	ATG	TGA	0	0	
mORF_-_2322678	2322678	2322980	-	4	303	ATG	TGA	0	0	
mORF_-_2322704	2322704	2322766	-	6	63	TTG	TAA	0	0	
mORF_-_2322815	2322815	2322898	-	6	84	GTG	TGA	0	0	
mORF_-_2322889	2322889	2322993	-	5	105	ATG	TAA	0	0	
mORF_-_2322983	2322983	2323051	-	6	69	TTG	TAA	0	0	
mORF_-_2322990	2322990	2323112	-	4	123	TTG	TGA	0	0	
mORF_-_2323109	2323109	2323141	-	6	33	TTG	TGA	0	0	
mORF_-_2323182	2323182	2323196	-	4	15	ATG	TAA	0	0	
mORF_-_2323206	2323206	2323439	-	4	234	ATG	TAG	0	0	
mORF_-_2323220	2323220	2323270	-	6	51	GTG	TGA	0	0	
mORF_-_2323246	2323246	2323290	-	5	45	ATG	TGA	0	0	

mORF_-_2323346	2323346	2323375	-	6	30	ATG	TGA	0	0	
mORF_-_2323379	2323379	2323429	-	6	51	TTG	TGA	0	0	
mORF_-_2323432	2323432	2323458	-	5	27	TTG	TAG	0	0	
mORF_-_2323436	2323436	2323486	-	6	51	ATG	TGA	0	0	
mORF_-_2323455	2323455	2323526	-	4	72	ATG	TGA	0	0	
mORF_-_2323465	2323465	2323572	-	5	108	ATG	TAG	0	0	
mORF_-_2323523	2323523	2323534	-	6	12	GTG	TGA	0	0	
mORF_-_2323545	2323545	2323601	-	4	57	TTG	TAA	0	0	
mORF_-_2323610	2323610	2323645	-	6	36	TTG	TAA	0	0	
mORF_-_2323630	2323630	2323977	-	5	348	TTG	TAG	0	0	
mORF_-_2323664	2323664	2323678	-	6	15	GTG	TGA	0	0	
mORF_-_2323713	2323713	2323799	-	4	87	GTG	TAG	0	0	
mORF_-_2323820	2323820	2323831	-	6	12	GTG	TAA	0	0	
mORF_-_2323871	2323871	2324005	-	6	135	TTG	TAA	0	0	
mORF_-_2323947	2323947	2324033	-	4	87	ATG	TAG	0	0	
mORF_-_2324037	2324037	2324081	-	4	45	ATG	TAG	0	0	
mORF_-_2324086	2324086	2324106	-	5	21	GTG	TAA	0	0	
mORF_-_2324109	2324109	2324243	-	4	135	ATG	TAG	0	0	
mORF_-_2324180	2324180	2324191	-	6	12	GTG	TAA	0	0	
mORF_-_2324231	2324231	2324266	-	6	36	GTG	TAA	0	0	
mORF_-_2324263	2324263	2324271	-	5	9	GTG	TGA	0	0	
mORF_-_2324285	2324285	2324338	-	6	54	GTG	TAA	0	0	
mORF_-_2324299	2324299	2324319	-	5	21	TTG	TAA	0	0	
mORF_-_2324331	2324331	2324435	-	4	105	ATG	TGA	0	0	
mORF_-_2324405	2324405	2324518	-	6	114	GTG	TAA	0	0	
mORF_-_2324445	2324445	2324459	-	4	15	ATG	TGA	0	0	
mORF_-_2324500	2324500	2324601	-	5	102	ATG	TAA	0	0	
mORF_-_2324550	2324550	2324588	-	4	39	GTG	TAA	0	0	
mORF_-_2324598	2324598	2324750	-	4	153	GTG	TGA	0	0	
mORF_-_2324642	2324642	2324701	-	6	60	TTG	TAA	0	0	
mORF_-_2324671	2324671	2324676	-	5	6	ATG	TAG	0	0	
mORF_-_2324677	2324677	2324778	-	5	102	TTG	TGA	0	0	
mORF_-_2324771	2324771	2324824	-	6	54	ATG	TGA	0	0	
mORF_-_2324775	2324775	2324957	-	4	183	ATG	TGA	0	0	
mORF_-_2324815	2324815	2325024	-	5	210	TTG	TAA	0	0	
mORF_-_2324957	2324957	2324992	-	6	36	ATG	TAA	0	0	
mORF_-_2324964	2324964	2325269	-	4	306	ATG	TAA	0	0	
mORF_-_2325031	2325031	2325177	-	5	147	ATG	TAA	1	2	pORF_-_2325031
mORF_-_2325077	2325077	2325097	-	6	21	GTG	TAG	0	0	
mORF_-_2325209	2325209	2325385	-	6	177	ATG	TGA	0	0	
mORF_-_2325217	2325217	2325222	-	5	6	ATG	TAA	0	0	
mORF_-_2325342	2325342	2325392	-	4	51	GTG	TAA	0	0	
mORF_-_2325385	2325385	2325399	-	5	15	TTG	TAA	0	0	
mORF_-_2325389	2325389	2326165	-	6	777	ATG	TGA	0	0	
mORF_-_2325415	2325415	2325480	-	5	66	ATG	TGA	0	0	
mORF_-_2325508	2325508	2325633	-	5	126	GTG	TAA	0	0	
mORF_-_2325640	2325640	2325945	-	5	306	ATG	TGA	0	0	
mORF_-_2325651	2325651	2325722	-	4	72	GTG	TAA	0	0	
mORF_-_2325952	2325952	2326170	-	5	219	ATG	TAA	0	0	
mORF_-_2326170	2326170	2327819	-	4	1650	GTG	TAA	0	0	
mORF_-_2326193	2326193	2326261	-	6	69	ATG	TGA	0	0	
mORF_-_2326297	2326297	2326359	-	5	63	TTG	TAA	0	0	
mORF_-_2326349	2326349	2326630	-	6	282	ATG	TAG	0	0	
mORF_-_2326393	2326393	2326416	-	5	24	GTG	TGA	0	0	
mORF_-_2326492	2326492	2326731	-	5	240	TTG	TAG	0	0	
mORF_-_2326655	2326655	2326696	-	6	42	GTG	TGA	0	0	
mORF_-_2326781	2326781	2326852	-	6	72	GTG	TGA	0	0	
mORF_-_2326892	2326892	2326939	-	6	48	ATG	TGA	0	0	
mORF_-_2326949	2326949	2326966	-	6	18	ATG	TGA	0	0	
mORF_-_2326966	2326966	2327055	-	5	90	ATG	TAA	0	0	
mORF_-_2327018	2327018	2327035	-	6	18	TTG	TGA	0	0	
mORF_-_2327048	2327048	2327110	-	6	63	ATG	TAG	0	0	
mORF_-_2327095	2327095	2327154	-	5	60	GTG	TAA	0	0	

mORF_-_2327117	2327117	2327167	-	6	51	ATG	TAA	0	0	
mORF_-_2327171	2327171	2327221	-	6	51	TTG	TAA	0	0	
mORF_-_2327237	2327237	2327299	-	6	63	ATG	TGA	0	0	
mORF_-_2327342	2327342	2327353	-	6	12	TTG	TAG	0	0	
mORF_-_2327362	2327362	2327637	-	5	276	GTG	TAA	0	0	
mORF_-_2327405	2327405	2327494	-	6	90	GTG	TAG	0	0	
mORF_-_2327522	2327522	2327626	-	6	105	ATG	TAA	0	0	
mORF_-_2327665	2327665	2327844	-	5	180	ATG	TGA	0	0	
mORF_-_2327687	2327687	2327767	-	6	81	TTG	TGA	0	0	
mORF_-_2327820	2327820	2328305	-	4	486	ATG	TAA	0	0	
mORF_-_2327825	2327825	2327893	-	6	69	ATG	TGA	0	0	
mORF_-_2327975	2327975	2328202	-	6	228	ATG	TGA	0	0	
mORF_-_2328058	2328058	2328078	-	5	21	ATG	TAA	0	0	
mORF_-_2328230	2328230	2328274	-	6	45	TTG	TGA	0	0	
mORF_-_2328278	2328278	2328391	-	6	114	TTG	TGA	0	0	
mORF_-_2328321	2328321	2332439	-	4	4119	ATG	TGA	3	6	pORF_-_2328321
mORF_-_2328355	2328355	2328396	-	5	42	TTG	TGA	0	0	
mORF_-_2328419	2328419	2328463	-	6	45	TTG	TAA	0	0	
mORF_-_2328430	2328430	2328438	-	5	9	ATG	TAA	0	0	
mORF_-_2328500	2328500	2328520	-	6	21	TTG	TGA	0	0	
mORF_-_2328539	2328539	2328547	-	6	9	GTG	TGA	0	0	
mORF_-_2328548	2328548	2328646	-	6	99	ATG	TAA	0	0	
mORF_-_2328634	2328634	2328642	-	5	9	GTG	TAA	0	0	
mORF_-_2328707	2328707	2328727	-	6	21	ATG	TAA	0	0	
mORF_-_2328758	2328758	2328835	-	6	78	ATG	TGA	0	0	
mORF_-_2328832	2328832	2328885	-	5	54	ATG	TGA	0	0	
mORF_-_2328919	2328919	2329023	-	5	105	ATG	TAA	0	0	
mORF_-_2328977	2328977	2329057	-	6	81	GTG	TAA	0	0	
mORF_-_2329054	2329054	2329062	-	5	9	GTG	TGA	0	0	
mORF_-_2329121	2329121	2329165	-	6	45	TTG	TGA	0	0	
mORF_-_2329201	2329201	2329227	-	5	27	GTG	TAG	0	0	
mORF_-_2329214	2329214	2329234	-	6	21	ATG	TAA	0	0	
mORF_-_2329238	2329238	2329282	-	6	45	GTG	TAG	0	0	
mORF_-_2329322	2329322	2329447	-	6	126	GTG	TGA	0	0	
mORF_-_2329511	2329511	2329540	-	6	30	TTG	TGA	0	0	
mORF_-_2329567	2329567	2329641	-	5	75	GTG	TAA	0	0	
mORF_-_2329643	2329643	2329678	-	6	36	GTG	TGA	0	0	
mORF_-_2329706	2329706	2329714	-	6	9	GTG	TGA	0	0	
mORF_-_2329751	2329751	2329843	-	6	93	TTG	TGA	0	0	
mORF_-_2329780	2329780	2329806	-	5	27	ATG	TAA	0	0	
mORF_-_2329850	2329850	2329951	-	6	102	ATG	TAA	0	0	
mORF_-_2330018	2330018	2330026	-	6	9	ATG	TGA	0	0	
mORF_-_2330081	2330081	2330104	-	6	24	GTG	TAA	0	0	
mORF_-_2330132	2330132	2330236	-	6	105	TTG	TGA	0	0	
mORF_-_2330246	2330246	2330266	-	6	21	ATG	TGA	0	0	
mORF_-_2330354	2330354	2330371	-	6	18	TTG	TGA	0	0	
mORF_-_2330444	2330444	2330488	-	6	45	ATG	TAG	0	0	
mORF_-_2330531	2330531	2330686	-	6	156	TTG	TGA	0	0	
mORF_-_2330599	2330599	2330631	-	5	33	ATG	TAG	0	0	
mORF_-_2330723	2330723	2330797	-	6	75	GTG	TAA	0	0	
mORF_-_2330849	2330849	2330920	-	6	72	ATG	TAA	0	0	
mORF_-_2330966	2330966	2330983	-	6	18	ATG	TAA	0	0	
mORF_-_2330987	2330987	2331001	-	6	15	ATG	TAA	0	0	
mORF_-_2331068	2331068	2331157	-	6	90	ATG	TAG	0	0	
mORF_-_2331167	2331167	2331229	-	6	63	ATG	TAG	0	0	
mORF_-_2331332	2331332	2331520	-	6	189	ATG	TGA	0	0	
mORF_-_2331524	2331524	2331529	-	6	6	GTG	TGA	0	0	
mORF_-_2331539	2331539	2331694	-	6	156	TTG	TGA	0	0	
mORF_-_2331553	2331553	2331561	-	5	9	GTG	TGA	0	0	
mORF_-_2331598	2331598	2331612	-	5	15	GTG	TAA	0	0	
mORF_-_2331823	2331823	2331834	-	5	12	ATG	TAA	0	0	
mORF_-_2331872	2331872	2331925	-	6	54	ATG	TGA	0	0	
mORF_-_2331956	2331956	2331961	-	6	6	ATG	TGA	0	0	

mORF_-_2332021	2332021	2332029	-	5	9	GTG	TAA	0	0	
mORF_-_2332049	2332049	2332336	-	6	288	TTG	TGA	0	0	
mORF_-_2332315	2332315	2332353	-	5	39	GTG	TAA	0	0	
mORF_-_2332358	2332358	2333008	-	6	651	GTG	TAG	2	4	pORF_-_2332358
mORF_-_2332375	2332375	2332392	-	5	18	TTG	TAA	0	0	
mORF_-_2332534	2332534	2332548	-	5	15	ATG	TAA	0	0	
mORF_-_2332591	2332591	2332605	-	5	15	TTG	TAA	0	0	
mORF_-_2332642	2332642	2332647	-	5	6	ATG	TGA	0	0	
mORF_-_2332749	2332749	2332763	-	4	15	ATG	TAA	0	0	
mORF_-_2332764	2332764	2332820	-	4	57	TTG	TAA	0	0	
mORF_-_2332780	2332780	2332914	-	5	135	ATG	TGA	0	0	
mORF_-_2332915	2332915	2332941	-	5	27	GTG	TGA	0	0	
mORF_-_2332926	2332926	2332955	-	4	30	TTG	TAG	0	0	
mORF_-_2332978	2332978	2334714	-	5	1737	TTG	TGA	2	0	pORF_-_2332978
mORF_-_2332995	2332995	2333021	-	4	27	GTG	TAA	0	0	
mORF_-_2333043	2333043	2333051	-	4	9	ATG	TGA	0	0	
mORF_-_2333172	2333172	2333210	-	4	39	ATG	TAG	0	0	
mORF_-_2333220	2333220	2333225	-	4	6	ATG	TAA	0	0	
mORF_-_2333250	2333250	2333330	-	4	81	GTG	TGA	0	0	
mORF_-_2333448	2333448	2333609	-	4	162	GTG	TAA	0	0	
mORF_-_2333585	2333585	2333731	-	6	147	ATG	TGA	0	0	
mORF_-_2333613	2333613	2333624	-	4	12	ATG	TAG	0	0	
mORF_-_2333625	2333625	2333756	-	4	132	ATG	TGA	0	0	
mORF_-_2333757	2333757	2333777	-	4	21	ATG	TAG	0	0	
mORF_-_2333778	2333778	2333834	-	4	57	TTG	TAA	0	0	
mORF_-_2333807	2333807	2333872	-	6	66	GTG	TAA	0	0	
mORF_-_2333844	2333844	2333861	-	4	18	TTG	TAA	0	0	
mORF_-_2333883	2333883	2333936	-	4	54	TTG	TAG	0	0	
mORF_-_2333964	2333964	2334011	-	4	48	ATG	TGA	0	0	
mORF_-_2334072	2334072	2334122	-	4	51	GTG	TGA	0	0	
mORF_-_2334156	2334156	2334182	-	4	27	TTG	TAA	0	0	
mORF_-_2334207	2334207	2334215	-	4	9	GTG	TAA	0	0	
mORF_-_2334257	2334257	2334268	-	6	12	GTG	TAA	0	0	
mORF_-_2334318	2334318	2334383	-	4	66	ATG	TGA	0	0	
mORF_-_2334414	2334414	2334422	-	4	9	ATG	TGA	0	0	
mORF_-_2334465	2334465	2334569	-	4	105	ATG	TGA	0	0	
mORF_-_2334603	2334603	2334614	-	4	12	TTG	TAG	0	0	
mORF_-_2334618	2334618	2334662	-	4	45	GTG	TAG	0	0	
mORF_-_2334663	2334663	2334695	-	4	33	ATG	TGA	0	0	
mORF_-_2334699	2334699	2334779	-	4	81	TTG	TAA	0	0	
mORF_-_2334728	2334728	2334739	-	6	12	TTG	TAG	0	0	
mORF_-_2334767	2334767	2334802	-	6	36	ATG	TGA	0	0	
mORF_-_2334772	2334772	2334930	-	5	159	GTG	TGA	0	0	
mORF_-_2334815	2334815	2337442	-	6	2628	ATG	TAA	136	1681	pORF_-_2334815
mORF_-_2334943	2334943	2334954	-	5	12	ATG	TAG	0	0	
mORF_-_2334976	2334976	2335044	-	5	69	ATG	TGA	0	0	
mORF_-_2335054	2335054	2335074	-	5	21	ATG	TGA	0	0	
mORF_-_2335075	2335075	2335095	-	5	21	TTG	TAG	0	0	
mORF_-_2335096	2335096	2335227	-	5	132	GTG	TAG	0	0	
mORF_-_2335237	2335237	2335263	-	5	27	GTG	TGA	0	0	
mORF_-_2335264	2335264	2335308	-	5	45	GTG	TAG	0	0	
mORF_-_2335381	2335381	2335389	-	5	9	TTG	TGA	0	0	
mORF_-_2335396	2335396	2335413	-	5	18	TTG	TGA	0	0	
mORF_-_2335510	2335510	2335524	-	5	15	TTG	TGA	0	0	
mORF_-_2335521	2335521	2335670	-	4	150	GTG	TGA	0	0	
mORF_-_2335531	2335531	2335608	-	5	78	GTG	TGA	0	0	
mORF_-_2335636	2335636	2335758	-	5	123	GTG	TGA	0	0	
mORF_-_2335819	2335819	2335830	-	5	12	ATG	TGA	0	0	
mORF_-_2335843	2335843	2335935	-	5	93	GTG	TGA	0	0	
mORF_-_2335948	2335948	2336037	-	5	90	TTG	TGA	0	0	
mORF_-_2336092	2336092	2336247	-	5	156	ATG	TGA	0	0	
mORF_-_2336109	2336109	2336201	-	4	93	GTG	TGA	0	0	
mORF_-_2336293	2336293	2336316	-	5	24	GTG	TAG	0	0	

mORF_-_2336356	2336356	2336382	-	5	27	TTG	TGA	0	0	
mORF_-_2336407	2336407	2336514	-	5	108	ATG	TGA	0	0	
mORF_-_2336521	2336521	2336529	-	5	9	TTG	TGA	0	0	
mORF_-_2336530	2336530	2336565	-	5	36	GTG	TGA	0	0	
mORF_-_2336599	2336599	2336613	-	5	15	TTG	TAA	0	0	
mORF_-_2336638	2336638	2336757	-	5	120	TTG	TAA	0	0	
mORF_-_2336818	2336818	2336850	-	5	33	TTG	TGA	0	0	
mORF_-_2336847	2336847	2336864	-	4	18	TTG	TGA	0	0	
mORF_-_2336938	2336938	2337006	-	5	69	TTG	TGA	0	0	
mORF_-_2337040	2337040	2337054	-	5	15	TTG	TGA	0	0	
mORF_-_2337133	2337133	2337204	-	5	72	ATG	TAG	0	0	
mORF_-_2337223	2337223	2337273	-	5	51	ATG	TAA	0	0	
mORF_-_2337319	2337319	2337372	-	5	54	ATG	TGA	0	0	
mORF_-_2337391	2337391	2337432	-	5	42	TTG	TGA	0	0	
mORF_-_2337439	2337439	2337486	-	5	48	TTG	TGA	0	0	
mORF_-_2337488	2337488	2337589	-	6	102	TTG	TAA	0	0	
mORF_-_2337528	2337528	2337569	-	4	42	TTG	TAA	0	0	
mORF_-_2337532	2337532	2337702	-	5	171	GTG	TGA	0	0	
mORF_-_2337570	2337570	2337707	-	4	138	ATG	TAA	0	0	
mORF_-_2337707	2337707	2337940	-	6	234	TTG	TAA	0	0	
mORF_-_2337726	2337726	2337896	-	4	171	ATG	TAG	0	0	
mORF_-_2337751	2337751	2337990	-	5	240	GTG	TAA	0	0	
mORF_-_2337906	2337906	2338142	-	4	237	GTG	TAA	0	0	
mORF_-_2338006	2338006	2338029	-	5	24	TTG	TGA	0	0	
mORF_-_2338013	2338013	2338066	-	6	54	GTG	TGA	0	0	
mORF_-_2338067	2338067	2338087	-	6	21	ATG	TAA	0	0	
mORF_-_2338084	2338084	2338146	-	5	63	ATG	TGA	0	0	
mORF_-_2338194	2338194	2338223	-	4	30	GTG	TGA	0	0	
mORF_-_2338204	2338204	2338296	-	5	93	GTG	TAA	0	0	
mORF_-_2338233	2338233	2338247	-	4	15	GTG	TAA	0	0	
mORF_-_2338256	2338256	2338411	-	6	156	ATG	TAA	0	0	
mORF_-_2338284	2338284	2338298	-	4	15	GTG	TAG	0	0	
mORF_-_2338368	2338368	2338373	-	4	6	TTG	TAG	0	0	
mORF_-_2338401	2338401	2338418	-	4	18	TTG	TAA	0	0	
mORF_-_2338428	2338428	2338445	-	4	18	ATG	TAG	0	0	
mORF_-_2338439	2338439	2342191	-	6	3753	ATG	TAA	1	3	pORF_-_2338439
mORF_-_2338453	2338453	2338491	-	5	39	GTG	TGA	0	0	
mORF_-_2338488	2338488	2338505	-	4	18	GTG	TGA	0	0	
mORF_-_2338561	2338561	2338569	-	5	9	GTG	TAA	0	0	
mORF_-_2338579	2338579	2338617	-	5	39	TTG	TGA	0	0	
mORF_-_2338614	2338614	2338688	-	4	75	ATG	TGA	0	0	
mORF_-_2338654	2338654	2338770	-	5	117	ATG	TAG	0	0	
mORF_-_2338792	2338792	2338812	-	5	21	TTG	TGA	0	0	
mORF_-_2338809	2338809	2338838	-	4	30	GTG	TGA	0	0	
mORF_-_2338813	2338813	2338917	-	5	105	ATG	TGA	1	4	pORF_-_2338813
mORF_-_2338920	2338920	2338928	-	4	9	GTG	TAG	0	0	
mORF_-_2338996	2338996	2339010	-	5	15	ATG	TGA	0	0	
mORF_-_2339044	2339044	2339223	-	5	180	GTG	TGA	0	0	
mORF_-_2339070	2339070	2339105	-	4	36	GTG	TAA	0	0	
mORF_-_2339230	2339230	2339250	-	5	21	GTG	TGA	0	0	
mORF_-_2339272	2339272	2339328	-	5	57	ATG	TGA	0	0	
mORF_-_2339437	2339437	2339610	-	5	174	TTG	TAA	0	0	
mORF_-_2339680	2339680	2339691	-	5	12	ATG	TAA	0	0	
mORF_-_2339698	2339698	2339742	-	5	45	GTG	TAA	0	0	
mORF_-_2339752	2339752	2339793	-	5	42	GTG	TGA	0	0	
mORF_-_2339806	2339806	2339817	-	5	12	ATG	TGA	0	0	
mORF_-_2339842	2339842	2339877	-	5	36	GTG	TGA	0	0	
mORF_-_2339887	2339887	2339904	-	5	18	ATG	TGA	0	0	
mORF_-_2339905	2339905	2339940	-	5	36	ATG	TGA	0	0	
mORF_-_2339968	2339968	2340117	-	5	150	GTG	TGA	0	0	
mORF_-_2340069	2340069	2340080	-	4	12	GTG	TGA	0	0	
mORF_-_2340121	2340121	2340141	-	5	21	GTG	TGA	0	0	
mORF_-_2340202	2340202	2340219	-	5	18	ATG	TGA	0	0	

mORF_-_2340240	2340240	2340260	-	4	21	GTG	TGA	0	0
mORF_-_2340268	2340268	2340351	-	5	84	TTG	TAG	0	0
mORF_-_2340370	2340370	2340429	-	5	60	TTG	TGA	0	0
mORF_-_2340508	2340508	2340591	-	5	84	TTG	TAA	0	0
mORF_-_2340595	2340595	2340705	-	5	111	GTG	TAG	0	0
mORF_-_2340712	2340712	2340795	-	5	84	TTG	TAA	0	0
mORF_-_2340811	2340811	2340933	-	5	123	ATG	TAA	0	0
mORF_-_2340940	2340940	2340951	-	5	12	ATG	TAA	0	0
mORF_-_2340964	2340964	2340999	-	5	36	TTG	TGA	0	0
mORF_-_2341003	2341003	2341032	-	5	30	TTG	TAA	0	0
mORF_-_2341029	2341029	2341079	-	4	51	TTG	TGA	0	0
mORF_-_2341045	2341045	2341095	-	5	51	ATG	TGA	0	0
mORF_-_2341099	2341099	2341176	-	5	78	ATG	TGA	0	0
mORF_-_2341210	2341210	2341305	-	5	96	GTG	TAA	0	0
mORF_-_2341306	2341306	2341380	-	5	75	ATG	TAA	0	0
mORF_-_2341384	2341384	2341431	-	5	48	TTG	TAG	0	0
mORF_-_2341447	2341447	2341476	-	5	30	ATG	TGA	0	0
mORF_-_2341516	2341516	2341638	-	5	123	GTG	TAG	0	0
mORF_-_2341639	2341639	2341812	-	5	174	ATG	TAA	0	0
mORF_-_2341822	2341822	2341893	-	5	72	TTG	TGA	0	0
mORF_-_2341900	2341900	2341965	-	5	66	GTG	TGA	0	0
mORF_-_2341974	2341974	2342003	-	4	30	ATG	TAA	0	0
mORF_-_2341981	2341981	2342139	-	5	159	TTG	TGA	0	0
mORF_-_2342010	2342010	2342066	-	4	57	TTG	TGA	0	0
mORF_-_2342079	2342079	2342093	-	4	15	ATG	TGA	0	0
mORF_-_2342140	2342140	2342208	-	5	69	ATG	TGA	0	0
mORF_-_2342205	2342205	2342276	-	4	72	TTG	TGA	0	0
mORF_-_2342212	2342212	2342286	-	5	75	TTG	TAG	0	0
mORF_-_2342301	2342301	2342336	-	4	36	TTG	TAA	0	0
mORF_-_2342318	2342318	2342329	-	6	12	ATG	TGA	0	0
mORF_-_2342372	2342372	2342434	-	6	63	ATG	TAG	0	0
mORF_-_2342398	2342398	2342421	-	5	24	TTG	TAA	0	0
mORF_-_2342415	2342415	2342477	-	4	63	TTG	TAA	0	0
mORF_-_2342428	2342428	2342463	-	5	36	ATG	TAA	0	0
mORF_-_2342482	2342482	2342517	-	5	36	ATG	TAA	0	0
mORF_-_2342492	2342492	2342506	-	6	15	GTG	TAA	0	0
mORF_-_2342517	2342517	2342567	-	4	51	TTG	TGA	0	0
mORF_-_2342540	2342540	2342557	-	6	18	TTG	TAA	0	0
mORF_-_2342573	2342573	2342584	-	6	12	ATG	TAA	0	0
mORF_-_2342585	2342585	2342647	-	6	63	TTG	TAG	0	0
mORF_-_2342599	2342599	2342619	-	5	21	TTG	TAG	0	0
mORF_-_2342616	2342616	2342765	-	4	150	GTG	TGA	0	0
mORF_-_2342641	2342641	2342709	-	5	69	GTG	TAA	0	0
mORF_-_2342690	2342690	2342734	-	6	45	TTG	TAG	0	0
mORF_-_2342762	2342762	2342791	-	6	30	ATG	TGA	0	0
mORF_-_2342767	2342767	2342787	-	5	21	TTG	TAG	0	0
mORF_-_2342797	2342797	2343297	-	5	501	GTG	TAG	0	0
mORF_-_2342811	2342811	2342888	-	4	78	ATG	TAG	0	0
mORF_-_2342849	2342849	2342911	-	6	63	TTG	TAG	0	0
mORF_-_2342892	2342892	2343026	-	4	135	ATG	TGA	0	0
mORF_-_2343033	2343033	2343077	-	4	45	TTG	TAA	0	0
mORF_-_2343165	2343165	2343227	-	4	63	TTG	TAG	0	0
mORF_-_2343252	2343252	2343284	-	4	33	GTG	TAG	0	0
mORF_-_2343318	2343318	2343347	-	4	30	TTG	TAA	0	0
mORF_-_2343329	2343329	2343493	-	6	165	ATG	TAA	0	0
mORF_-_2343409	2343409	2344674	-	5	1266	ATG	TAG	0	0
mORF_-_2343474	2343474	2343521	-	4	48	ATG	TAA	0	0
mORF_-_2343494	2343494	2343517	-	6	24	TTG	TAA	0	0
mORF_-_2343546	2343546	2343722	-	4	177	ATG	TGA	0	0
mORF_-_2343653	2343653	2343793	-	6	141	TTG	TGA	0	0
mORF_-_2343729	2343729	2343734	-	4	6	TTG	TAG	0	0
mORF_-_2343801	2343801	2343869	-	4	69	TTG	TAG	0	0
mORF_-_2343888	2343888	2343947	-	4	60	GTG	TAG	0	0

mORF_-_2343999	2343999	2344055	-	4	57	TTG	TGA	0	0	
mORF_-_2344128	2344128	2344175	-	4	48	ATG	TGA	0	0	
mORF_-_2344188	2344188	2344289	-	4	102	TTG	TGA	0	0	
mORF_-_2344286	2344286	2344300	-	6	15	TTG	TGA	0	0	
mORF_-_2344301	2344301	2344351	-	6	51	GTG	TAA	0	0	
mORF_-_2344377	2344377	2344442	-	4	66	TTG	TAA	0	0	
mORF_-_2344476	2344476	2344526	-	4	51	ATG	TAG	0	0	
mORF_-_2344533	2344533	2344601	-	4	69	GTG	TAA	0	0	
mORF_-_2344632	2344632	2344655	-	4	24	ATG	TAG	0	0	
mORF_-_2344658	2344658	2344702	-	6	45	TTG	TAG	0	0	
mORF_-_2344674	2344674	2344781	-	4	108	GTG	TAA	0	0	
mORF_-_2344699	2344699	2344926	-	5	228	TTG	TGA	0	0	
mORF_-_2344806	2344806	2344820	-	4	15	TTG	TAA	0	0	
mORF_-_2344917	2344917	2344940	-	4	24	ATG	TAA	0	0	
mORF_-_2344949	2344949	2344993	-	6	45	GTG	TAA	0	0	
mORF_-_2344956	2344956	2344979	-	4	24	TTG	TGA	0	0	
mORF_-_2344980	2344980	2345045	-	4	66	GTG	TAG	0	0	
mORF_-_2345002	2345002	2345112	-	5	111	TTG	TGA	0	0	
mORF_-_2345049	2345049	2345066	-	4	18	TTG	TAG	0	0	
mORF_-_2345063	2345063	2345344	-	6	282	ATG	TGA	0	0	
mORF_-_2345079	2345079	2345087	-	4	9	GTG	TGA	0	0	
mORF_-_2345212	2345212	2345256	-	5	45	ATG	TAG	0	0	
mORF_-_2345256	2345256	2345351	-	4	96	GTG	TGA	0	0	
mORF_-_2345344	2345344	2345403	-	5	60	GTG	TGA	0	0	
mORF_-_2345372	2345372	2345419	-	6	48	GTG	TAA	0	0	
mORF_-_2345382	2345382	2345393	-	4	12	TTG	TAA	0	0	
mORF_-_2345404	2345404	2345427	-	5	24	GTG	TGA	0	0	
mORF_-_2345424	2345424	2345621	-	4	198	GTG	TGA	0	0	
mORF_-_2345441	2345441	2345449	-	6	9	TTG	TGA	0	0	
mORF_-_2345468	2345468	2345479	-	6	12	TTG	TGA	0	0	
mORF_-_2345495	2345495	2345512	-	6	18	ATG	TGA	0	0	
mORF_-_2345591	2345591	2345635	-	6	45	TTG	TAA	0	0	
mORF_-_2345645	2345645	2345665	-	6	21	ATG	TGA	0	0	
mORF_-_2345748	2345748	2346251	-	4	504	TTG	TGA	0	0	
mORF_-_2345777	2345777	2345836	-	6	60	TTG	TGA	0	0	
mORF_-_2345903	2345903	2345935	-	6	33	GTG	TAG	0	0	
mORF_-_2346032	2346032	2346142	-	6	111	GTG	TAG	1	2	pORF_-_2346032
mORF_-_2346037	2346037	2346060	-	5	24	ATG	TGA	0	0	
mORF_-_2346272	2346272	2346418	-	6	147	GTG	TAA	0	0	
mORF_-_2346466	2346466	2346624	-	5	159	TTG	TGA	0	0	
mORF_-_2346473	2346473	2346694	-	6	222	TTG	TAA	0	0	
mORF_-_2346558	2346558	2346677	-	4	120	GTG	TGA	0	0	
mORF_-_2346655	2346655	2346675	-	5	21	GTG	TAA	0	0	
mORF_-_2346723	2346723	2346764	-	4	42	TTG	TAA	0	0	
mORF_-_2346727	2346727	2346813	-	5	87	TTG	TGA	0	0	
mORF_-_2346835	2346835	2346840	-	5	6	TTG	TAG	0	0	
mORF_-_2346844	2346844	2347494	-	5	651	ATG	TAA	0	0	
mORF_-_2346867	2346867	2346998	-	4	132	ATG	TGA	0	0	
mORF_-_2346998	2346998	2347036	-	6	39	TTG	TAA	0	0	
mORF_-_2347011	2347011	2347043	-	4	33	ATG	TGA	0	0	
mORF_-_2347092	2347092	2347157	-	4	66	TTG	TGA	0	0	
mORF_-_2347181	2347181	2347204	-	6	24	ATG	TGA	0	0	
mORF_-_2347185	2347185	2347214	-	4	30	TTG	TGA	0	0	
mORF_-_2347218	2347218	2347256	-	4	39	GTG	TGA	0	0	
mORF_-_2347278	2347278	2347298	-	4	21	TTG	TAA	0	0	
mORF_-_2347289	2347289	2347390	-	6	102	ATG	TGA	0	0	
mORF_-_2347356	2347356	2347361	-	4	6	ATG	TAA	0	0	
mORF_-_2347401	2347401	2347526	-	4	126	TTG	TGA	0	0	
mORF_-_2347430	2347430	2347456	-	6	27	GTG	TGA	0	0	
mORF_-_2347574	2347574	2347657	-	6	84	GTG	TAA	0	0	
mORF_-_2347597	2347597	2347608	-	5	12	GTG	TAG	0	0	
mORF_-_2347621	2347621	2347644	-	5	24	GTG	TGA	0	0	
mORF_-_2347693	2347693	2347770	-	5	78	ATG	TGA	0	0	

mORF_-_2347716	2347716	2347805	-	4	90	TTG	TAA	0	0	
mORF_-_2347742	2347742	2347747	-	6	6	TTG	TAA	0	0	
mORF_-_2347810	2347810	2347944	-	5	135	ATG	TAG	0	0	
mORF_-_2347833	2347833	2347862	-	4	30	GTG	TAG	0	0	
mORF_-_2347871	2347871	2347891	-	6	21	TTG	TAG	0	0	
mORF_-_2347892	2347892	2347957	-	6	66	ATG	TAA	0	0	
mORF_-_2347957	2347957	2349090	-	5	1134	TTG	TAA	30	255	pORF_-_2347957
mORF_-_2347977	2347977	2348012	-	4	36	ATG	TAA	0	0	
mORF_-_2348013	2348013	2348042	-	4	30	ATG	TAA	0	0	
mORF_-_2348052	2348052	2348057	-	4	6	ATG	TGA	0	0	
mORF_-_2348106	2348106	2348180	-	4	75	TTG	TAG	0	0	
mORF_-_2348181	2348181	2348216	-	4	36	ATG	TGA	0	0	
mORF_-_2348232	2348232	2348327	-	4	96	TTG	TGA	0	0	
mORF_-_2348328	2348328	2348375	-	4	48	ATG	TGA	0	0	
mORF_-_2348388	2348388	2348447	-	4	60	ATG	TGA	0	0	
mORF_-_2348402	2348402	2348410	-	6	9	ATG	TGA	0	0	
mORF_-_2348432	2348432	2348509	-	6	78	GTG	TAA	0	0	
mORF_-_2348454	2348454	2348480	-	4	27	TTG	TGA	0	0	
mORF_-_2348559	2348559	2348666	-	4	108	TTG	TAA	0	0	
mORF_-_2348688	2348688	2348705	-	4	18	ATG	TGA	0	0	
mORF_-_2348718	2348718	2348810	-	4	93	TTG	TAG	0	0	
mORF_-_2348832	2348832	2348921	-	4	90	GTG	TGA	0	0	
mORF_-_2348937	2348937	2348969	-	4	33	GTG	TAG	0	0	
mORF_-_2349030	2349030	2349038	-	4	9	ATG	TGA	0	0	
mORF_-_2349038	2349038	2350396	-	6	1359	ATG	TAA	1	2	pORF_-_2349038
mORF_-_2349069	2349069	2349341	-	4	273	TTG	TGA	0	0	
mORF_-_2349094	2349094	2349102	-	5	9	TTG	TGA	0	0	
mORF_-_2349103	2349103	2349135	-	5	33	TTG	TGA	0	0	
mORF_-_2349139	2349139	2349285	-	5	147	ATG	TAA	0	0	
mORF_-_2349316	2349316	2349333	-	5	18	TTG	TGA	0	0	
mORF_-_2349409	2349409	2349504	-	5	96	ATG	TGA	0	0	
mORF_-_2349453	2349453	2349473	-	4	21	GTG	TAA	0	0	
mORF_-_2349546	2349546	2349632	-	4	87	GTG	TAA	0	0	
mORF_-_2349679	2349679	2349753	-	5	75	GTG	TGA	0	0	
mORF_-_2349775	2349775	2350026	-	5	252	TTG	TGA	1	2	pORF_-_2349775
mORF_-_2349843	2349843	2350055	-	4	213	ATG	TGA	0	0	
mORF_-_2350030	2350030	2350062	-	5	33	TTG	TGA	0	0	
mORF_-_2350096	2350096	2350197	-	5	102	TTG	TGA	0	0	
mORF_-_2350201	2350201	2350290	-	5	90	TTG	TAG	0	0	
mORF_-_2350421	2350421	2350498	-	6	78	ATG	TAA	0	0	
mORF_-_2350431	2350431	2350523	-	4	93	GTG	TAA	0	0	
mORF_-_2350483	2350483	2350494	-	5	12	ATG	TAA	0	0	
mORF_-_2350495	2350495	2350521	-	5	27	GTG	TGA	0	0	
mORF_-_2350502	2350502	2350525	-	6	24	ATG	TAA	0	0	
mORF_-_2350528	2350528	2350689	-	5	162	TTG	TAA	0	0	
mORF_-_2350539	2350539	2350571	-	4	33	GTG	TAA	0	0	
mORF_-_2350586	2350586	2350615	-	6	30	TTG	TAA	0	0	
mORF_-_2350617	2350617	2350808	-	4	192	GTG	TGA	0	0	
mORF_-_2350655	2350655	2350693	-	6	39	TTG	TGA	0	0	
mORF_-_2350690	2350690	2351397	-	5	708	ATG	TGA	0	0	
mORF_-_2350706	2350706	2350798	-	6	93	TTG	TGA	0	0	
mORF_-_2350845	2350845	2350910	-	4	66	ATG	TAG	0	0	
mORF_-_2350883	2350883	2350933	-	6	51	TTG	TAA	0	0	
mORF_-_2350917	2350917	2351153	-	4	237	TTG	TGA	0	0	
mORF_-_2351066	2351066	2351137	-	6	72	TTG	TAA	0	0	
mORF_-_2351181	2351181	2351249	-	4	69	GTG	TGA	0	0	
mORF_-_2351246	2351246	2351275	-	6	30	GTG	TGA	0	0	
mORF_-_2351268	2351268	2351375	-	4	108	ATG	TGA	0	0	
mORF_-_2351379	2351379	2351474	-	4	96	GTG	TGA	0	0	
mORF_-_2351479	2351479	2351682	-	5	204	ATG	TAA	0	0	
mORF_-_2351490	2351490	2351588	-	4	99	ATG	TAA	0	0	
mORF_-_2351598	2351598	2351729	-	4	132	TTG	TAG	0	0	
mORF_-_2351739	2351739	2351870	-	4	132	ATG	TAG	0	0	

mORF_-_2351762	2351762	2351836	-	6	75	GTG	TAG	0	0
mORF_-_2351833	2351833	2351955	-	5	123	GTG	TGA	0	0
mORF_-_2351910	2351910	2352203	-	4	294	ATG	TGA	0	0
mORF_-_2352043	2352043	2352381	-	5	339	GTG	TAA	0	0
mORF_-_2352173	2352173	2352220	-	6	48	GTG	TAA	0	0
mORF_-_2352329	2352329	2352403	-	6	75	ATG	TAA	0	0
mORF_-_2352378	2352378	2352566	-	4	189	ATG	TGA	0	0
mORF_-_2352407	2352407	2352532	-	6	126	TTG	TGA	0	0
mORF_-_2352448	2352448	2352465	-	5	18	ATG	TGA	0	0
mORF_-_2352566	2352566	2352616	-	6	51	GTG	TAA	0	0
mORF_-_2352613	2352613	2352639	-	5	27	GTG	TGA	0	0
mORF_-_2352656	2352656	2352745	-	6	90	GTG	TAG	0	0
mORF_-_2352736	2352736	2353173	-	5	438	TTG	TGA	0	0
mORF_-_2352909	2352909	2353199	-	4	291	GTG	TAA	0	0
mORF_-_2353010	2353010	2353063	-	6	54	TTG	TGA	0	0
mORF_-_2353070	2353070	2353177	-	6	108	GTG	TAA	0	0
mORF_-_2353174	2353174	2353458	-	5	285	ATG	TGA	0	0
mORF_-_2353230	2353230	2353394	-	4	165	GTG	TAA	0	0
mORF_-_2353292	2353292	2353345	-	6	54	TTG	TAG	0	0
mORF_-_2353391	2353391	2353405	-	6	15	TTG	TGA	0	0
mORF_-_2353491	2353491	2353592	-	4	102	GTG	TGA	0	0
mORF_-_2353499	2353499	2353543	-	6	45	TTG	TAA	0	0
mORF_-_2353510	2353510	2353833	-	5	324	ATG	TGA	0	0
mORF_-_2353571	2353571	2353684	-	6	114	GTG	TAA	0	0
mORF_-_2353623	2353623	2353799	-	4	177	GTG	TAA	0	0
mORF_-_2353766	2353766	2353873	-	6	108	TTG	TAA	0	0
mORF_-_2353830	2353830	2353883	-	4	54	GTG	TGA	0	0
mORF_-_2353886	2353886	2354014	-	6	129	GTG	TAG	0	0
mORF_-_2353927	2353927	2353941	-	5	15	ATG	TAA	0	0
mORF_-_2353938	2353938	2353973	-	4	36	GTG	TGA	0	0
mORF_-_2353951	2353951	2354067	-	5	117	ATG	TAG	0	0
mORF_-_2354058	2354058	2354324	-	4	267	TTG	TAG	0	0
mORF_-_2354086	2354086	2354124	-	5	39	TTG	TAA	0	0
mORF_-_2354099	2354099	2354107	-	6	9	TTG	TGA	0	0
mORF_-_2354174	2354174	2354200	-	6	27	TTG	TAA	0	0
mORF_-_2354201	2354201	2354353	-	6	153	TTG	TAA	0	0
mORF_-_2354266	2354266	2354340	-	5	75	ATG	TGA	0	0
mORF_-_2354337	2354337	2354387	-	4	51	TTG	TGA	0	0
mORF_-_2354392	2354392	2354442	-	5	51	ATG	TAA	0	0
mORF_-_2354427	2354427	2354432	-	4	6	GTG	TGA	0	0
mORF_-_2354466	2354466	2354492	-	4	27	ATG	TAG	0	0
mORF_-_2354547	2354547	2354558	-	4	12	TTG	TAA	0	0
mORF_-_2354555	2354555	2354599	-	6	45	GTG	TGA	0	0
mORF_-_2354568	2354568	2354681	-	4	114	GTG	TAG	0	0
mORF_-_2354578	2354578	2354700	-	5	123	ATG	TGA	0	0
mORF_-_2354639	2354639	2354683	-	6	45	TTG	TGA	0	0
mORF_-_2354705	2354705	2354800	-	6	96	TTG	TAA	0	0
mORF_-_2354730	2354730	2355074	-	4	345	GTG	TAA	0	0
mORF_-_2354764	2354764	2354847	-	5	84	TTG	TAA	0	0
mORF_-_2354909	2354909	2354941	-	6	33	TTG	TGA	0	0
mORF_-_2354935	2354935	2355018	-	5	84	ATG	TGA	0	0
mORF_-_2354981	2354981	2355031	-	6	51	GTG	TGA	0	0
mORF_-_2355019	2355019	2355054	-	5	36	TTG	TAA	0	0
mORF_-_2355080	2355080	2355325	-	6	246	GTG	TAA	0	0
mORF_-_2355094	2355094	2355177	-	5	84	TTG	TAA	0	0
mORF_-_2355208	2355208	2355297	-	5	90	ATG	TAG	0	0
mORF_-_2355216	2355216	2355233	-	4	18	ATG	TAG	0	0
mORF_-_2355240	2355240	2355251	-	4	12	TTG	TGA	0	0
mORF_-_2355312	2355312	2355428	-	4	117	ATG	TAA	0	0
mORF_-_2355322	2355322	2355471	-	5	150	ATG	TGA	0	0
mORF_-_2355462	2355462	2355536	-	4	75	GTG	TGA	0	0
mORF_-_2355536	2355536	2355559	-	6	24	GTG	TAG	0	0
mORF_-_2355550	2355550	2355579	-	5	30	TTG	TAG	0	0

mORF_-_2355567	2355567	2355602	-	4	36	GTG	TAA	0	0
mORF_-_2355608	2355608	2355637	-	6	30	GTG	TAA	0	0
mORF_-_2355637	2355637	2355642	-	5	6	TTG	TAG	0	0
mORF_-_2355673	2355673	2355822	-	5	150	ATG	TAG	0	0
mORF_-_2355690	2355690	2355797	-	4	108	GTG	TGA	0	0
mORF_-_2355728	2355728	2355787	-	6	60	TTG	TAA	0	0
mORF_-_2355835	2355835	2355876	-	5	42	TTG	TAA	0	0
mORF_-_2355873	2355873	2355983	-	4	111	GTG	TGA	0	0
mORF_-_2355898	2355898	2355918	-	5	21	TTG	TAA	0	0
mORF_-_2355923	2355923	2356051	-	6	129	ATG	TAA	0	0
mORF_-_2355988	2355988	2356020	-	5	33	GTG	TAG	0	0
mORF_-_2356020	2356020	2356067	-	4	48	TTG	TAG	0	0
mORF_-_2356024	2356024	2356038	-	5	15	GTG	TAA	0	0
mORF_-_2356064	2356064	2357170	-	6	1107	GTG	TGA	0	0
mORF_-_2356078	2356078	2356515	-	5	438	GTG	TAA	0	0
mORF_-_2356152	2356152	2356193	-	4	42	ATG	TGA	0	0
mORF_-_2356404	2356404	2356430	-	4	27	TTG	TAA	0	0
mORF_-_2356582	2356582	2356602	-	5	21	TTG	TGA	0	0
mORF_-_2356651	2356651	2356668	-	5	18	ATG	TGA	0	0
mORF_-_2356675	2356675	2356734	-	5	60	TTG	TAG	0	0
mORF_-_2356735	2356735	2356767	-	5	33	TTG	TGA	0	0
mORF_-_2356746	2356746	2356802	-	4	57	GTG	TGA	0	0
mORF_-_2356795	2356795	2356809	-	5	15	TTG	TAA	0	0
mORF_-_2356881	2356881	2356913	-	4	33	TTG	TAG	0	0
mORF_-_2356885	2356885	2358213	-	5	1329	GTG	TAA	0	0
mORF_-_2356923	2356923	2356928	-	4	6	GTG	TAA	0	0
mORF_-_2356977	2356977	2357003	-	4	27	TTG	TGA	0	0
mORF_-_2357019	2357019	2357060	-	4	42	TTG	TGA	0	0
mORF_-_2357067	2357067	2357168	-	4	102	GTG	TAA	0	0
mORF_-_2357187	2357187	2357222	-	4	36	TTG	TAA	0	0
mORF_-_2357241	2357241	2357381	-	4	141	TTG	TGA	0	0
mORF_-_2357273	2357273	2357323	-	6	51	GTG	TAA	0	0
mORF_-_2357445	2357445	2357477	-	4	33	ATG	TAG	0	0
mORF_-_2357493	2357493	2357513	-	4	21	GTG	TGA	0	0
mORF_-_2357553	2357553	2357633	-	4	81	TTG	TGA	0	0
mORF_-_2357582	2357582	2357590	-	6	9	TTG	TGA	0	0
mORF_-_2357634	2357634	2357675	-	4	42	ATG	TGA	0	0
mORF_-_2357765	2357765	2357782	-	6	18	ATG	TAA	0	0
mORF_-_2357799	2357799	2357831	-	4	33	GTG	TGA	0	0
mORF_-_2357850	2357850	2357924	-	4	75	TTG	TGA	0	0
mORF_-_2357864	2357864	2357905	-	6	42	GTG	TGA	0	0
mORF_-_2357952	2357952	2358026	-	4	75	ATG	TGA	0	0
mORF_-_2358030	2358030	2358101	-	4	72	ATG	TGA	0	0
mORF_-_2358123	2358123	2358134	-	4	12	GTG	TAA	0	0
mORF_-_2358144	2358144	2358158	-	4	15	TTG	TGA	0	0
mORF_-_2358210	2358210	2358218	-	4	9	TTG	TGA	0	0
mORF_-_2358231	2358231	2359448	-	4	1218	ATG	TAA	0	0
mORF_-_2358251	2358251	2358322	-	6	72	ATG	TGA	0	0
mORF_-_2358323	2358323	2358358	-	6	36	TTG	TGA	0	0
mORF_-_2358355	2358355	2358534	-	5	180	GTG	TGA	0	0
mORF_-_2358431	2358431	2358505	-	6	75	TTG	TGA	0	0
mORF_-_2358521	2358521	2358613	-	6	93	GTG	TAA	0	0
mORF_-_2358650	2358650	2358670	-	6	21	ATG	TGA	0	0
mORF_-_2358667	2358667	2358702	-	5	36	ATG	TGA	0	0
mORF_-_2358704	2358704	2358745	-	6	42	ATG	TGA	0	0
mORF_-_2358709	2358709	2358723	-	5	15	TTG	TAA	0	0
mORF_-_2358779	2358779	2358955	-	6	177	GTG	TAA	0	0
mORF_-_2358793	2358793	2358801	-	5	9	ATG	TGA	0	0
mORF_-_2358968	2358968	2359033	-	6	66	GTG	TAG	0	0
mORF_-_2358976	2358976	2359035	-	5	60	TTG	TAA	0	0
mORF_-_2359049	2359049	2359087	-	6	39	GTG	TGA	0	0
mORF_-_2359106	2359106	2359264	-	6	159	TTG	TGA	0	0
mORF_-_2359117	2359117	2359128	-	5	12	ATG	TGA	0	0

mORF_-_2359301	2359301	2359315	-	6	15	TTG	TGA	0	0	
mORF_-_2359325	2359325	2359390	-	6	66	GTG	TAG	0	0	
mORF_-_2359417	2359417	2359800	-	5	384	TTG	TAA	0	0	
mORF_-_2359451	2359451	2360233	-	6	783	ATG	TAA	0	0	
mORF_-_2359467	2359467	2359484	-	4	18	ATG	TGA	0	0	
mORF_-_2359611	2359611	2359634	-	4	24	TTG	TAA	0	0	
mORF_-_2359662	2359662	2359808	-	4	147	ATG	TGA	0	0	
mORF_-_2359813	2359813	2359851	-	5	39	ATG	TAG	0	0	
mORF_-_2359888	2359888	2359917	-	5	30	TTG	TGA	0	0	
mORF_-_2359914	2359914	2360045	-	4	132	TTG	TGA	0	0	
mORF_-_2360002	2360002	2360175	-	5	174	TTG	TAA	0	0	
mORF_-_2360176	2360176	2360193	-	5	18	TTG	TGA	0	0	
mORF_-_2360248	2360248	2360343	-	5	96	GTG	TAA	0	0	
mORF_-_2360301	2360301	2360345	-	4	45	TTG	TGA	0	0	
mORF_-_2360336	2360336	2360440	-	6	105	GTG	TAA	0	0	
mORF_-_2360355	2360355	2360363	-	4	9	GTG	TGA	0	0	
mORF_-_2360453	2360453	2361655	-	6	1203	ATG	TGA	11	23	pORF_-_2360453
mORF_-_2360467	2360467	2360502	-	5	36	GTG	TGA	0	0	
mORF_-_2360499	2360499	2360561	-	4	63	GTG	TGA	0	0	
mORF_-_2360551	2360551	2360610	-	5	60	GTG	TGA	0	0	
mORF_-_2360638	2360638	2360823	-	5	186	GTG	TAG	0	0	
mORF_-_2360769	2360769	2360774	-	4	6	GTG	TGA	0	0	
mORF_-_2360914	2360914	2360943	-	5	30	ATG	TGA	0	0	
mORF_-_2360937	2360937	2361116	-	4	180	TTG	TAA	0	0	
mORF_-_2361034	2361034	2361096	-	5	63	TTG	TAA	0	0	
mORF_-_2361183	2361183	2361224	-	4	42	TTG	TAA	0	0	
mORF_-_2361217	2361217	2361249	-	5	33	GTG	TGA	0	0	
mORF_-_2361259	2361259	2361285	-	5	27	GTG	TAG	0	0	
mORF_-_2361325	2361325	2361396	-	5	72	GTG	TAA	0	0	
mORF_-_2361424	2361424	2361432	-	5	9	ATG	TAA	0	0	
mORF_-_2361463	2361463	2361471	-	5	9	ATG	TGA	0	0	
mORF_-_2361505	2361505	2361624	-	5	120	ATG	TAG	0	0	
mORF_-_2361621	2361621	2361695	-	4	75	TTG	TGA	0	0	
mORF_-_2361674	2361674	2361685	-	6	12	GTG	TAA	0	0	
mORF_-_2361685	2361685	2361780	-	5	96	ATG	TAG	0	0	
mORF_-_2361755	2361755	2362318	-	6	564	TTG	TGA	2	5	pORF_-_2361755
mORF_-_2361832	2361832	2361996	-	5	165	GTG	TGA	0	0	
mORF_-_2361903	2361903	2361986	-	4	84	GTG	TGA	0	0	
mORF_-_2362000	2362000	2362062	-	5	63	TTG	TAG	0	0	
mORF_-_2362093	2362093	2362122	-	5	30	GTG	TGA	0	0	
mORF_-_2362153	2362153	2362194	-	5	42	TTG	TAA	0	0	
mORF_-_2362231	2362231	2362239	-	5	9	ATG	TGA	0	0	
mORF_-_2362279	2362279	2362287	-	5	9	TTG	TAG	0	0	
mORF_-_2362297	2362297	2362335	-	5	39	TTG	TAA	0	0	
mORF_-_2362319	2362319	2362372	-	6	54	TTG	TAA	0	0	
mORF_-_2362323	2362323	2362397	-	4	75	GTG	TGA	0	0	
mORF_-_2362407	2362407	2362448	-	4	42	GTG	TAG	0	0	
mORF_-_2362418	2362418	2362519	-	6	102	GTG	TAA	0	0	
mORF_-_2362426	2362426	2362467	-	5	42	TTG	TAA	0	0	
mORF_-_2362452	2362452	2362463	-	4	12	GTG	TAA	0	0	
mORF_-_2362489	2362489	2362497	-	5	9	TTG	TGA	0	0	
mORF_-_2362516	2362516	2362521	-	5	6	ATG	TGA	0	0	
mORF_-_2362531	2362531	2362545	-	5	15	ATG	TAA	0	0	
mORF_-_2362555	2362555	2362671	-	5	117	TTG	TAA	0	0	
mORF_-_2362589	2362589	2362723	-	6	135	GTG	TAG	0	0	
mORF_-_2362668	2362668	2362832	-	4	165	TTG	TGA	0	0	
mORF_-_2362723	2362723	2362947	-	5	225	ATG	TAG	0	0	
mORF_-_2362790	2362790	2363017	-	6	228	ATG	TGA	0	0	
mORF_-_2362851	2362851	2362880	-	4	30	TTG	TAA	0	0	
mORF_-_2362947	2362947	2362967	-	4	21	GTG	TAA	0	0	
mORF_-_2362978	2362978	2363004	-	5	27	TTG	TAA	0	0	
mORF_-_2363027	2363027	2363089	-	6	63	ATG	TGA	0	0	
mORF_-_2363040	2363040	2363669	-	4	630	TTG	TAA	1	3	pORF_-_2363040

mORF_-_2363096	2363096	2363149	-	6	54	TTG	TAG	0	0
mORF_-_2363143	2363143	2363163	-	5	21	TTG	TAA	0	0
mORF_-_2363156	2363156	2363239	-	6	84	ATG	TGA	0	0
mORF_-_2363239	2363239	2363247	-	5	9	GTG	TAA	0	0
mORF_-_2363270	2363270	2363572	-	6	303	TTG	TGA	0	0
mORF_-_2363416	2363416	2363451	-	5	36	TTG	TAA	0	0
mORF_-_2363539	2363539	2363763	-	5	225	TTG	TAG	0	0
mORF_-_2363636	2363636	2363653	-	6	18	GTG	TAG	0	0
mORF_-_2363654	2363654	2363677	-	6	24	TTG	TAG	0	0
mORF_-_2363678	2363678	2363812	-	6	135	TTG	TAA	0	0
mORF_-_2363694	2363694	2363699	-	4	6	ATG	TAG	0	0
mORF_-_2363739	2363739	2363753	-	4	15	TTG	TAG	0	0
mORF_-_2363760	2363760	2363780	-	4	21	TTG	TGA	0	0
mORF_-_2363842	2363842	2363898	-	5	57	GTG	TAA	0	0
mORF_-_2363847	2363847	2364038	-	4	192	GTG	TAA	0	0
mORF_-_2363861	2363861	2363983	-	6	123	TTG	TAA	0	0
mORF_-_2363902	2363902	2363910	-	5	9	TTG	TAA	0	0
mORF_-_2363953	2363953	2364099	-	5	147	ATG	TGA	0	0
mORF_-_2364035	2364035	2364040	-	6	6	TTG	TGA	0	0
mORF_-_2364093	2364093	2364326	-	4	234	ATG	TGA	0	0
mORF_-_2364115	2364115	2364135	-	5	21	ATG	TGA	0	0
mORF_-_2364179	2364179	2364205	-	6	27	TTG	TAA	0	0
mORF_-_2364209	2364209	2364235	-	6	27	TTG	TGA	0	0
mORF_-_2364295	2364295	2364450	-	5	156	ATG	TGA	0	0
mORF_-_2364302	2364302	2364310	-	6	9	GTG	TAA	0	0
mORF_-_2364336	2364336	2364377	-	4	42	ATG	TAA	0	0
mORF_-_2364387	2364387	2364395	-	4	9	ATG	TAA	0	0
mORF_-_2364401	2364401	2364460	-	6	60	TTG	TAA	0	0
mORF_-_2364435	2364435	2364440	-	4	6	TTG	TAA	0	0
mORF_-_2364470	2364470	2364481	-	6	12	ATG	TAG	0	0
mORF_-_2364478	2364478	2364486	-	5	9	ATG	TGA	0	0
mORF_-_2364483	2364483	2364491	-	4	9	ATG	TGA	0	0
mORF_-_2364500	2364500	2364643	-	6	144	GTG	TAA	0	0
mORF_-_2364556	2364556	2364606	-	5	51	TTG	TAG	0	0
mORF_-_2364648	2364648	2364722	-	4	75	GTG	TAG	0	0
mORF_-_2364671	2364671	2364694	-	6	24	GTG	TAA	0	0
mORF_-_2364706	2364706	2364756	-	5	51	TTG	TAA	0	0
mORF_-_2364716	2364716	2364784	-	6	69	ATG	TGA	0	0
mORF_-_2364784	2364784	2364849	-	5	66	TTG	TAA	0	0
mORF_-_2364810	2364810	2364902	-	4	93	ATG	TGA	0	0
mORF_-_2364860	2364860	2364937	-	6	78	GTG	TGA	0	0
mORF_-_2364913	2364913	2364939	-	5	27	TTG	TAA	0	0
mORF_-_2364930	2364930	2364935	-	4	6	GTG	TGA	0	0
mORF_-_2364945	2364945	2365061	-	4	117	GTG	TAA	0	0
mORF_-_2364973	2364973	2365107	-	5	135	GTG	TAA	0	0
mORF_-_2365068	2365068	2365094	-	4	27	ATG	TGA	0	0
mORF_-_2365140	2365140	2365322	-	4	183	TTG	TAA	0	0
mORF_-_2365168	2365168	2365260	-	5	93	ATG	TAA	0	0
mORF_-_2365172	2365172	2365279	-	6	108	GTG	TGA	0	0
mORF_-_2365276	2365276	2365335	-	5	60	ATG	TGA	0	0
mORF_-_2365336	2365336	2365362	-	5	27	GTG	TGA	0	0
mORF_-_2365375	2365375	2365698	-	5	324	ATG	TAA	0	0
mORF_-_2365382	2365382	2365438	-	6	57	TTG	TAA	0	0
mORF_-_2365536	2365536	2365553	-	4	18	TTG	TGA	0	0
mORF_-_2365596	2365596	2365679	-	4	84	ATG	TGA	0	0
mORF_-_2365695	2365695	2365841	-	4	147	ATG	TGA	0	0
mORF_-_2365775	2365775	2365783	-	6	9	TTG	TAA	0	0
mORF_-_2365835	2365835	2365882	-	6	48	GTG	TAA	0	0
mORF_-_2365861	2365861	2365884	-	5	24	TTG	TAA	0	0
mORF_-_2365941	2365941	2365955	-	4	15	ATG	TGA	0	0
mORF_-_2365960	2365960	2366028	-	5	69	TTG	TAA	0	0
mORF_-_2365986	2365986	2365991	-	4	6	GTG	TAG	0	0
mORF_-_2366022	2366022	2366372	-	4	351	ATG	TGA	0	0

mORF_-_2366030	2366030	2366041	-	6	12	ATG	TAA	0	0	
mORF_-_2366129	2366129	2366146	-	6	18	ATG	TAA	0	0	
mORF_-_2366183	2366183	2366221	-	6	39	ATG	TAA	0	0	
mORF_-_2366249	2366249	2366272	-	6	24	ATG	TGA	0	0	
mORF_-_2366320	2366320	2366361	-	5	42	ATG	TAA	0	0	
mORF_-_2366324	2366324	2366515	-	6	192	ATG	TAA	0	0	
mORF_-_2366362	2366362	2366388	-	5	27	TTG	TAA	0	0	
mORF_-_2366382	2366382	2366561	-	4	180	ATG	TAA	0	0	
mORF_-_2366449	2366449	2366454	-	5	6	ATG	TAA	0	0	
mORF_-_2366536	2366536	2366589	-	5	54	ATG	TAA	0	0	
mORF_-_2366546	2366546	2366719	-	6	174	ATG	TGA	0	0	
mORF_-_2366589	2366589	2366933	-	4	345	TTG	TAA	1	2	pORF_-_2366589
mORF_-_2366599	2366599	2366703	-	5	105	ATG	TAA	0	0	
mORF_-_2366759	2366759	2366770	-	6	12	TTG	TAG	0	0	
mORF_-_2366771	2366771	2366782	-	6	12	GTG	TGA	0	0	
mORF_-_2366779	2366779	2366853	-	5	75	GTG	TGA	0	0	
mORF_-_2366807	2366807	2367046	-	6	240	TTG	TGA	0	0	
mORF_-_2366917	2366917	2366967	-	5	51	GTG	TAG	0	0	
mORF_-_2366934	2366934	2366960	-	4	27	TTG	TAA	0	0	
mORF_-_2366964	2366964	2367197	-	4	234	ATG	TGA	0	0	
mORF_-_2367194	2367194	2367307	-	6	114	ATG	TGA	0	0	
mORF_-_2367314	2367314	2367343	-	6	30	ATG	TAG	0	0	
mORF_-_2367340	2367340	2367354	-	5	15	TTG	TGA	0	0	
mORF_-_2367357	2367357	2367404	-	4	48	ATG	TGA	0	0	
mORF_-_2367406	2367406	2367459	-	5	54	TTG	TAG	0	0	
mORF_-_2367456	2367456	2367464	-	4	9	TTG	TGA	0	0	
mORF_-_2367488	2367488	2367781	-	6	294	ATG	TAG	0	0	
mORF_-_2367507	2367507	2367602	-	4	96	TTG	TAA	0	0	
mORF_-_2367532	2367532	2367549	-	5	18	GTG	TAA	0	0	
mORF_-_2367610	2367610	2367630	-	5	21	GTG	TGA	0	0	
mORF_-_2367627	2367627	2367659	-	4	33	TTG	TGA	0	0	
mORF_-_2367699	2367699	2367941	-	4	243	GTG	TAA	0	0	
mORF_-_2367748	2367748	2367846	-	5	99	GTG	TGA	0	0	
mORF_-_2367884	2367884	2367892	-	6	9	TTG	TAG	0	0	
mORF_-_2367899	2367899	2368015	-	6	117	GTG	TGA	0	0	
mORF_-_2368024	2368024	2368086	-	5	63	GTG	TAA	0	0	
mORF_-_2368055	2368055	2368183	-	6	129	ATG	TAA	0	0	
mORF_-_2368135	2368135	2368170	-	5	36	TTG	TGA	0	0	
mORF_-_2368152	2368152	2368241	-	4	90	ATG	TGA	0	0	
mORF_-_2368262	2368262	2368537	-	6	276	ATG	TAA	0	0	
mORF_-_2368300	2368300	2368320	-	5	21	ATG	TGA	0	0	
mORF_-_2368332	2368332	2368430	-	4	99	GTG	TAG	0	0	
mORF_-_2368366	2368366	2368443	-	5	78	GTG	TGA	0	0	
mORF_-_2368455	2368455	2368583	-	4	129	ATG	TAA	0	0	
mORF_-_2368543	2368543	2368719	-	5	177	GTG	TAG	0	0	
mORF_-_2368592	2368592	2368615	-	6	24	TTG	TGA	0	0	
mORF_-_2368688	2368688	2368768	-	6	81	ATG	TAA	0	0	
mORF_-_2368726	2368726	2368734	-	5	9	ATG	TAA	0	0	
mORF_-_2368762	2368762	2368788	-	5	27	TTG	TGA	0	0	
mORF_-_2368785	2368785	2368814	-	4	30	ATG	TGA	0	0	
mORF_-_2368838	2368838	2368912	-	6	75	TTG	TGA	0	0	
mORF_-_2368980	2368980	2369000	-	4	21	GTG	TAA	0	0	
mORF_-_2368987	2368987	2369085	-	5	99	ATG	TAA	0	0	
mORF_-_2369042	2369042	2369062	-	6	21	ATG	TGA	0	0	
mORF_-_2369095	2369095	2369148	-	5	54	TTG	TAG	0	0	
mORF_-_2369100	2369100	2369276	-	4	177	GTG	TAA	0	0	
mORF_-_2369231	2369231	2369293	-	6	63	ATG	TAA	0	0	
mORF_-_2369304	2369304	2369318	-	4	15	GTG	TAG	0	0	
mORF_-_2369319	2369319	2369465	-	4	147	TTG	TAA	0	0	
mORF_-_2369339	2369339	2369395	-	6	57	GTG	TAA	0	0	
mORF_-_2369438	2369438	2369509	-	6	72	ATG	TGA	0	0	
mORF_-_2369494	2369494	2369688	-	5	195	ATG	TAA	0	0	
mORF_-_2369621	2369621	2369671	-	6	51	GTG	TAG	0	0	

mORF_-_2369706	2369706	2369789	-	4	84	TTG	TAG	0	0	
mORF_-_2369720	2369720	2369800	-	6	81	TTG	TGA	0	0	
mORF_-_2369749	2369749	2370054	-	5	306	TTG	TAA	0	0	
mORF_-_2369805	2369805	2369870	-	4	66	GTG	TAG	0	0	
mORF_-_2369852	2369852	2369935	-	6	84	TTG	TAG	0	0	
mORF_-_2369916	2369916	2370041	-	4	126	GTG	TAA	0	0	
mORF_-_2369999	2369999	2370202	-	6	204	TTG	TAA	0	0	
mORF_-_2370066	2370066	2370125	-	4	60	GTG	TAG	0	0	
mORF_-_2370199	2370199	2370258	-	5	60	TTG	TGA	0	0	
mORF_-_2370215	2370215	2370274	-	6	60	TTG	TAA	0	0	
mORF_-_2370262	2370262	2370594	-	5	333	ATG	TGA	0	0	
mORF_-_2370279	2370279	2370350	-	4	72	ATG	TAG	0	0	
mORF_-_2370287	2370287	2370322	-	6	36	ATG	TAA	0	0	
mORF_-_2370413	2370413	2370433	-	6	21	TTG	TGA	0	0	
mORF_-_2370453	2370453	2370536	-	4	84	ATG	TGA	0	0	
mORF_-_2370564	2370564	2370578	-	4	15	TTG	TGA	0	0	
mORF_-_2370594	2370594	2370683	-	4	90	ATG	TAA	0	0	
mORF_-_2370613	2370613	2370648	-	5	36	TTG	TAA	0	0	
mORF_-_2370635	2370635	2370772	-	6	138	ATG	TGA	0	0	
mORF_-_2370786	2370786	2370857	-	4	72	GTG	TAA	0	0	
mORF_-_2370854	2370854	2370889	-	6	36	ATG	TGA	0	0	
mORF_-_2370877	2370877	2370945	-	5	69	ATG	TAA	0	0	
mORF_-_2370953	2370953	2370964	-	6	12	TTG	TGA	0	0	
mORF_-_2370965	2370965	2371009	-	6	45	GTG	TAA	0	0	
mORF_-_2371064	2371064	2371120	-	6	57	ATG	TAA	0	0	
mORF_-_2371117	2371117	2371137	-	5	21	TTG	TGA	0	0	
mORF_-_2371152	2371152	2371229	-	4	78	GTG	TGA	0	0	
mORF_-_2371162	2371162	2371281	-	5	120	GTG	TAA	0	0	
mORF_-_2371229	2371229	2371291	-	6	63	TTG	TAG	0	0	
mORF_-_2371248	2371248	2371337	-	4	90	ATG	TAA	0	0	
mORF_-_2371294	2371294	2371590	-	5	297	GTG	TAA	2	4	pORF_-_2371294
mORF_-_2371316	2371316	2371333	-	6	18	GTG	TAA	0	0	
mORF_-_2371368	2371368	2371409	-	4	42	ATG	TGA	0	0	
mORF_-_2371391	2371391	2371399	-	6	9	TTG	TAA	0	0	
mORF_-_2371440	2371440	2371454	-	4	15	GTG	TGA	0	0	
mORF_-_2371476	2371476	2371565	-	4	90	ATG	TAA	0	0	
mORF_-_2371526	2371526	2371555	-	6	30	ATG	TAA	0	0	
mORF_-_2371587	2371587	2371595	-	4	9	TTG	TGA	0	0	
mORF_-_2371597	2371597	2371632	-	5	36	TTG	TAA	0	0	
mORF_-_2371623	2371623	2371691	-	4	69	GTG	TGA	0	0	
mORF_-_2371670	2371670	2373025	-	6	1356	ATG	TAA	1	2	pORF_-_2371670
mORF_-_2371785	2371785	2371799	-	4	15	ATG	TAA	0	0	
mORF_-_2371792	2371792	2371827	-	5	36	ATG	TGA	0	0	
mORF_-_2371834	2371834	2371914	-	5	81	TTG	TGA	0	0	
mORF_-_2371915	2371915	2371956	-	5	42	GTG	TAA	0	0	
mORF_-_2371972	2371972	2371986	-	5	15	TTG	TAG	0	0	
mORF_-_2371990	2371990	2372118	-	5	129	ATG	TGA	0	0	
mORF_-_2372070	2372070	2372111	-	4	42	GTG	TAA	0	0	
mORF_-_2372121	2372121	2372234	-	4	114	TTG	TAA	0	0	
mORF_-_2372131	2372131	2372205	-	5	75	TTG	TGA	0	0	
mORF_-_2372212	2372212	2372220	-	5	9	ATG	TGA	0	0	
mORF_-_2372263	2372263	2372292	-	5	30	TTG	TGA	0	0	
mORF_-_2372305	2372305	2372409	-	5	105	GTG	TGA	0	0	
mORF_-_2372406	2372406	2372495	-	4	90	TTG	TGA	0	0	
mORF_-_2372416	2372416	2372511	-	5	96	TTG	TGA	0	0	
mORF_-_2372496	2372496	2372636	-	4	141	GTG	TGA	0	0	
mORF_-_2372518	2372518	2372547	-	5	30	TTG	TGA	0	0	
mORF_-_2372608	2372608	2372658	-	5	51	TTG	TGA	0	0	
mORF_-_2372680	2372680	2372721	-	5	42	TTG	TAA	0	0	
mORF_-_2372731	2372731	2372754	-	5	24	TTG	TGA	0	0	
mORF_-_2372751	2372751	2372849	-	4	99	GTG	TGA	0	0	
mORF_-_2372860	2372860	2372895	-	5	36	TTG	TGA	0	0	
mORF_-_2372905	2372905	2372955	-	5	51	ATG	TAG	0	0	

mORF_-_2372910	2372910	2372927	-	4	18	TTG	TGA	0	0	
mORF_-_2372955	2372955	2373005	-	4	51	GTG	TAA	0	0	
mORF_-_2373012	2373012	2373047	-	4	36	TTG	TGA	0	0	
mORF_-_2373022	2373022	2373984	-	5	963	ATG	TGA	5	11	pORF_-_2373022
mORF_-_2373141	2373141	2373155	-	4	15	TTG	TAA	0	0	
mORF_-_2373177	2373177	2373191	-	4	15	TTG	TAG	0	0	
mORF_-_2373288	2373288	2373464	-	4	177	TTG	TAG	0	0	
mORF_-_2373392	2373392	2373409	-	6	18	GTG	TGA	0	0	
mORF_-_2373477	2373477	2373506	-	4	30	TTG	TGA	0	0	
mORF_-_2373546	2373546	2373623	-	4	78	TTG	TGA	0	0	
mORF_-_2373633	2373633	2373671	-	4	39	GTG	TGA	0	0	
mORF_-_2373653	2373653	2373763	-	6	111	TTG	TAA	0	0	
mORF_-_2373702	2373702	2373719	-	4	18	GTG	TGA	0	0	
mORF_-_2373723	2373723	2373731	-	4	9	TTG	TAA	0	0	
mORF_-_2373779	2373779	2373862	-	6	84	GTG	TAA	0	0	
mORF_-_2373783	2373783	2373893	-	4	111	ATG	TAA	0	0	
mORF_-_2373878	2373878	2373889	-	6	12	TTG	TGA	0	0	
mORF_-_2373984	2373984	2374841	-	4	858	ATG	TAA	28	216	pORF_-_2373984
mORF_-_2374064	2374064	2374123	-	6	60	GTG	TGA	0	0	
mORF_-_2374120	2374120	2374284	-	5	165	GTG	TGA	0	0	
mORF_-_2374238	2374238	2374396	-	6	159	ATG	TGA	0	0	
mORF_-_2374396	2374396	2374422	-	5	27	GTG	TAA	0	0	
mORF_-_2374424	2374424	2374522	-	6	99	ATG	TGA	0	0	
mORF_-_2374523	2374523	2374615	-	6	93	GTG	TGA	0	0	
mORF_-_2374628	2374628	2374657	-	6	30	ATG	TGA	0	0	
mORF_-_2374688	2374688	2374828	-	6	141	ATG	TGA	0	0	
mORF_-_2374759	2374759	2374800	-	5	42	ATG	TGA	0	0	
mORF_-_2374856	2374856	2375614	-	6	759	ATG	TGA	0	0	
mORF_-_2374888	2374888	2375184	-	5	297	TTG	TAA	0	0	
mORF_-_2374992	2374992	2375000	-	4	9	ATG	TGA	0	0	
mORF_-_2375142	2375142	2375225	-	4	84	ATG	TGA	0	0	
mORF_-_2375194	2375194	2375304	-	5	111	GTG	TAA	0	0	
mORF_-_2375259	2375259	2375327	-	4	69	TTG	TGA	0	0	
mORF_-_2375335	2375335	2375505	-	5	171	TTG	TGA	0	0	
mORF_-_2375478	2375478	2375537	-	4	60	TTG	TGA	0	0	
mORF_-_2375611	2375611	2377632	-	5	2022	TTG	TGA	1	0	pORF_-_2375611
mORF_-_2375622	2375622	2375684	-	4	63	TTG	TAA	0	0	
mORF_-_2375685	2375685	2375732	-	4	48	TTG	TGA	0	0	
mORF_-_2375763	2375763	2375792	-	4	30	TTG	TGA	0	0	
mORF_-_2375811	2375811	2375828	-	4	18	GTG	TGA	0	0	
mORF_-_2375880	2375880	2375888	-	4	9	TTG	TGA	0	0	
mORF_-_2375889	2375889	2376092	-	4	204	TTG	TAA	0	0	
mORF_-_2376093	2376093	2376302	-	4	210	TTG	TGA	0	0	
mORF_-_2376239	2376239	2376247	-	6	9	GTG	TGA	0	0	
mORF_-_2376303	2376303	2376380	-	4	78	GTG	TAA	0	0	
mORF_-_2376377	2376377	2376565	-	6	189	GTG	TGA	0	0	
mORF_-_2376414	2376414	2376476	-	4	63	ATG	TGA	0	0	
mORF_-_2376480	2376480	2376536	-	4	57	TTG	TAG	0	0	
mORF_-_2376537	2376537	2376593	-	4	57	GTG	TGA	0	0	
mORF_-_2376594	2376594	2376947	-	4	354	TTG	TGA	0	0	
mORF_-_2376677	2376677	2376706	-	6	30	GTG	TGA	0	0	
mORF_-_2376767	2376767	2376844	-	6	78	TTG	TGA	0	0	
mORF_-_2376996	2376996	2377010	-	4	15	TTG	TAA	0	0	
mORF_-_2377050	2377050	2377055	-	4	6	TTG	TGA	0	0	
mORF_-_2377056	2377056	2377121	-	4	66	ATG	TGA	0	0	
mORF_-_2377322	2377322	2377327	-	6	6	TTG	TAG	0	0	
mORF_-_2377335	2377335	2377427	-	4	93	GTG	TAA	0	0	
mORF_-_2377370	2377370	2378665	-	6	1296	GTG	TAG	3	4	pORF_-_2377370
mORF_-_2377491	2377491	2377568	-	4	78	ATG	TAG	0	0	
mORF_-_2377666	2377666	2377833	-	5	168	ATG	TGA	0	0	
mORF_-_2377830	2377830	2377847	-	4	18	GTG	TGA	0	0	
mORF_-_2377852	2377852	2377875	-	5	24	ATG	TAG	0	0	
mORF_-_2377888	2377888	2377983	-	5	96	TTG	TAG	0	0	

mORF_-_2377926	2377926	2377940	-	4	15	ATG	TGA	0	0	
mORF_-_2377980	2377980	2378006	-	4	27	TTG	TGA	0	0	
mORF_-_2378035	2378035	2378109	-	5	75	GTG	TGA	0	0	
mORF_-_2378221	2378221	2378259	-	5	39	ATG	TGA	0	0	
mORF_-_2378290	2378290	2378373	-	5	84	ATG	TGA	0	0	
mORF_-_2378307	2378307	2378327	-	4	21	ATG	TAA	0	0	
mORF_-_2378364	2378364	2378384	-	4	21	TTG	TGA	0	0	
mORF_-_2378374	2378374	2378490	-	5	117	ATG	TGA	0	0	
mORF_-_2378542	2378542	2378553	-	5	12	TTG	TGA	0	0	
mORF_-_2378550	2378550	2378693	-	4	144	GTG	TGA	0	0	
mORF_-_2378690	2378690	2378695	-	6	6	ATG	TGA	0	0	
mORF_-_2378707	2378707	2378712	-	5	6	TTG	TAG	0	0	
mORF_-_2378744	2378744	2379049	-	6	306	ATG	TAA	30	1174	pORF_-_2378744
mORF_-_2378767	2378767	2378838	-	5	72	GTG	TAG	0	0	
mORF_-_2378899	2378899	2378925	-	5	27	GTG	TGA	0	0	
mORF_-_2378932	2378932	2378997	-	5	66	GTG	TGA	0	0	
mORF_-_2379007	2379007	2379093	-	5	87	TTG	TGA	0	0	
mORF_-_2379042	2379042	2379080	-	4	39	GTG	TAA	0	0	
mORF_-_2379104	2379104	2379565	-	6	462	ATG	TAA	5	50	pORF_-_2379104
mORF_-_2379115	2379115	2379159	-	5	45	ATG	TAA	0	0	
mORF_-_2379240	2379240	2379260	-	4	21	ATG	TGA	0	0	
mORF_-_2379280	2379280	2379324	-	5	45	TTG	TGA	0	0	
mORF_-_2379334	2379334	2379363	-	5	30	GTG	TAG	0	0	
mORF_-_2379367	2379367	2379399	-	5	33	ATG	TGA	0	0	
mORF_-_2379396	2379396	2379407	-	4	12	TTG	TGA	0	0	
mORF_-_2379433	2379433	2379561	-	5	129	TTG	TGA	0	0	
mORF_-_2379441	2379441	2379494	-	4	54	TTG	TGA	0	0	
mORF_-_2379534	2379534	2379557	-	4	24	ATG	TGA	0	0	
mORF_-_2379596	2379596	2379757	-	6	162	GTG	TAG	0	0	
mORF_-_2379628	2379628	2379669	-	5	42	TTG	TGA	0	0	
mORF_-_2379654	2379654	2379764	-	4	111	ATG	TGA	0	0	
mORF_-_2379685	2379685	2379693	-	5	9	TTG	TGA	0	0	
mORF_-_2379764	2379764	2379805	-	6	42	TTG	TGA	0	0	
mORF_-_2379768	2379768	2379836	-	4	69	ATG	TAG	0	0	
mORF_-_2379833	2379833	2379883	-	6	51	ATG	TGA	0	0	
mORF_-_2379876	2379876	2379890	-	4	15	TTG	TGA	0	0	
mORF_-_2379894	2379894	2379914	-	4	21	TTG	TAA	0	0	
mORF_-_2379949	2379949	2380179	-	5	231	TTG	TAA	0	0	
mORF_-_2379957	2379957	2380088	-	4	132	ATG	TGA	0	0	
mORF_-_2379968	2379968	2380027	-	6	60	TTG	TAA	0	0	
mORF_-_2380154	2380154	2380183	-	6	30	GTG	TGA	0	0	
mORF_-_2380217	2380217	2380432	-	6	216	ATG	TAA	0	0	
mORF_-_2380221	2380221	2380373	-	4	153	ATG	TAA	0	0	
mORF_-_2380252	2380252	2380287	-	5	36	GTG	TAG	0	0	
mORF_-_2380378	2380378	2380398	-	5	21	GTG	TAG	0	0	
mORF_-_2380425	2380425	2380475	-	4	51	GTG	TAG	0	0	
mORF_-_2380441	2380441	2380497	-	5	57	TTG	TGA	0	0	
mORF_-_2380451	2380451	2380462	-	6	12	TTG	TAG	0	0	
mORF_-_2380469	2380469	2380531	-	6	63	GTG	TGA	0	0	
mORF_-_2380537	2380537	2380767	-	5	231	TTG	TAA	0	0	
mORF_-_2380586	2380586	2380594	-	6	9	TTG	TAA	0	0	
mORF_-_2380601	2380601	2380618	-	6	18	GTG	TAG	0	0	
mORF_-_2380671	2380671	2380697	-	4	27	ATG	TGA	0	0	
mORF_-_2380704	2380704	2380721	-	4	18	TTG	TGA	0	0	
mORF_-_2380722	2380722	2380757	-	4	36	TTG	TAG	0	0	
mORF_-_2380768	2380768	2380782	-	5	15	TTG	TAA	0	0	
mORF_-_2380784	2380784	2380795	-	6	12	ATG	TGA	0	0	
mORF_-_2380788	2380788	2380874	-	4	87	ATG	TGA	0	0	
mORF_-_2380879	2380879	2380887	-	5	9	ATG	TAA	0	0	
mORF_-_2380897	2380897	2380944	-	5	48	ATG	TAA	0	0	
mORF_-_2380938	2380938	2381081	-	4	144	TTG	TAA	0	0	
mORF_-_2380949	2380949	2380963	-	6	15	TTG	TAA	0	0	
mORF_-_2380991	2380991	2381035	-	6	45	TTG	TGA	0	0	

mORF_-_2381011	2381011	2381028	-	5	18	ATG	TAA	0	0
mORF_-_2381048	2381048	2381056	-	6	9	GTG	TGA	0	0
mORF_-_2381053	2381053	2381058	-	5	6	ATG	TGA	0	0
mORF_-_2381078	2381078	2381113	-	6	36	TTG	TGA	0	0
mORF_-_2381135	2381135	2381206	-	6	72	TTG	TAA	0	0
mORF_-_2381170	2381170	2381229	-	5	60	TTG	TAA	0	0
mORF_-_2381226	2381226	2381237	-	4	12	GTG	TGA	0	0
mORF_-_2381230	2381230	2381340	-	5	111	GTG	TAA	0	0
mORF_-_2381273	2381273	2381281	-	6	9	TTG	TAG	0	0
mORF_-_2381289	2381289	2381297	-	4	9	TTG	TGA	0	0
mORF_-_2381322	2381322	2381330	-	4	9	GTG	TAG	0	0
mORF_-_2381337	2381337	2381501	-	4	165	TTG	TGA	0	0
mORF_-_2381366	2381366	2381383	-	6	18	ATG	TAA	0	0
mORF_-_2381401	2381401	2381427	-	5	27	GTG	TAA	0	0
mORF_-_2381476	2381476	2381481	-	5	6	TTG	TAG	0	0
mORF_-_2381498	2381498	2381539	-	6	42	GTG	TGA	0	0
mORF_-_2381520	2381520	2381576	-	4	57	ATG	TAG	0	0
mORF_-_2381536	2381536	2381610	-	5	75	ATG	TGA	0	0
mORF_-_2381573	2381573	2381680	-	6	108	ATG	TGA	0	0
mORF_-_2381635	2381635	2381655	-	5	21	TTG	TAA	0	0
mORF_-_2381649	2381649	2381726	-	4	78	TTG	TGA	0	0
mORF_-_2381659	2381659	2381715	-	5	57	TTG	TAA	0	0
mORF_-_2381752	2381752	2381763	-	5	12	ATG	TAA	0	0
mORF_-_2381774	2381774	2381866	-	6	93	TTG	TAA	0	0
mORF_-_2381785	2381785	2381820	-	5	36	ATG	TGA	0	0
mORF_-_2381841	2381841	2381873	-	4	33	TTG	TAA	0	0
mORF_-_2381845	2381845	2381877	-	5	33	ATG	TAA	0	0
mORF_-_2381870	2381870	2381926	-	6	57	ATG	TGA	0	0
mORF_-_2381880	2381880	2381933	-	4	54	TTG	TAA	0	0
mORF_-_2381890	2381890	2381904	-	5	15	GTG	TAA	0	0
mORF_-_2381905	2381905	2381952	-	5	48	ATG	TGA	0	0
mORF_-_2381955	2381955	2381999	-	4	45	ATG	TAA	0	0
mORF_-_2382006	2382006	2382020	-	4	15	GTG	TAG	0	0
mORF_-_2382017	2382017	2383744	-	6	1728	ATG	TGA	0	0
mORF_-_2382034	2382034	2382054	-	5	21	TTG	TGA	0	0
mORF_-_2382051	2382051	2382116	-	4	66	GTG	TGA	0	0
mORF_-_2382145	2382145	2382177	-	5	33	ATG	TGA	0	0
mORF_-_2382223	2382223	2382249	-	5	27	TTG	TAA	0	0
mORF_-_2382328	2382328	2382363	-	5	36	TTG	TAG	0	0
mORF_-_2382424	2382424	2382492	-	5	69	TTG	TAG	0	0
mORF_-_2382483	2382483	2382515	-	4	33	GTG	TGA	0	0
mORF_-_2382508	2382508	2382546	-	5	39	ATG	TAA	0	0
mORF_-_2382562	2382562	2382582	-	5	21	GTG	TGA	0	0
mORF_-_2382586	2382586	2382651	-	5	66	TTG	TGA	0	0
mORF_-_2382661	2382661	2382783	-	5	123	GTG	TGA	0	0
mORF_-_2382793	2382793	2382954	-	5	162	TTG	TAG	0	0
mORF_-_2382976	2382976	2383002	-	5	27	GTG	TGA	0	0
mORF_-_2383024	2383024	2383056	-	5	33	ATG	TGA	0	0
mORF_-_2383063	2383063	2383146	-	5	84	TTG	TGA	0	0
mORF_-_2383150	2383150	2383170	-	5	21	ATG	TGA	0	0
mORF_-_2383167	2383167	2383175	-	4	9	ATG	TGA	0	0
mORF_-_2383218	2383218	2383256	-	4	39	TTG	TAA	0	0
mORF_-_2383336	2383336	2383368	-	5	33	TTG	TAA	0	0
mORF_-_2383396	2383396	2383488	-	5	93	TTG	TAG	0	0
mORF_-_2383597	2383597	2383689	-	5	93	GTG	TAA	0	0
mORF_-_2383674	2383674	2383691	-	4	18	ATG	TGA	0	0
mORF_-_2383756	2383756	2383773	-	5	18	GTG	TAA	0	0
mORF_-_2383766	2383766	2383858	-	6	93	TTG	TGA	0	0
mORF_-_2383812	2383812	2383868	-	4	57	ATG	TAA	0	0
mORF_-_2383852	2383852	2383881	-	5	30	ATG	TGA	0	0
mORF_-_2383924	2383924	2383950	-	5	27	TTG	TAA	0	0
mORF_-_2383944	2383944	2383961	-	4	18	TTG	TAA	0	0
mORF_-_2383958	2383958	2383990	-	6	33	TTG	TGA	0	0

mORF_-_2383972	2383972	2384001	-	5	30	TTG	TGA	0	0
mORF_-_2384002	2384002	2384253	-	5	252	TTG	TAA	0	0
mORF_-_2384019	2384019	2384144	-	4	126	ATG	TAA	0	0
mORF_-_2384024	2384024	2384044	-	6	21	GTG	TAA	0	0
mORF_-_2384157	2384157	2384168	-	4	12	ATG	TAG	0	0
mORF_-_2384207	2384207	2384521	-	6	315	TTG	TAA	0	0
mORF_-_2384323	2384323	2384421	-	5	99	ATG	TAA	0	0
mORF_-_2384532	2384532	2384585	-	4	54	TTG	TAA	0	0
mORF_-_2384582	2384582	2384620	-	6	39	ATG	TGA	0	0
mORF_-_2384629	2384629	2384763	-	5	135	GTG	TAA	0	0
mORF_-_2384694	2384694	2384735	-	4	42	GTG	TAA	0	0
mORF_-_2384808	2384808	2384894	-	4	87	GTG	TGA	0	0
mORF_-_2384825	2384825	2384941	-	6	117	TTG	TAA	0	0
mORF_-_2384970	2384970	2385197	-	4	228	ATG	TAG	0	0
mORF_-_2384989	2384989	2385048	-	5	60	ATG	TGA	0	0
mORF_-_2385017	2385017	2385262	-	6	246	GTG	TAG	0	0
mORF_-_2385100	2385100	2385180	-	5	81	GTG	TAA	0	0
mORF_-_2385225	2385225	2385308	-	4	84	TTG	TGA	0	0
mORF_-_2385321	2385321	2385377	-	4	57	ATG	TAA	0	0
mORF_-_2385349	2385349	2385435	-	5	87	ATG	TAA	0	0
mORF_-_2385432	2385432	2385491	-	4	60	ATG	TGA	0	0
mORF_-_2385502	2385502	2385648	-	5	147	TTG	TAA	0	0
mORF_-_2385594	2385594	2385716	-	4	123	TTG	TAA	0	0
mORF_-_2385725	2385725	2385772	-	6	48	TTG	TAA	0	0
mORF_-_2385732	2385732	2386448	-	4	717	ATG	TAA	0	0
mORF_-_2385748	2385748	2385759	-	5	12	GTG	TAA	0	0
mORF_-_2385782	2385782	2385829	-	6	48	GTG	TGA	0	0
mORF_-_2385826	2385826	2385831	-	5	6	TTG	TGA	0	0
mORF_-_2385836	2385836	2385859	-	6	24	ATG	TAA	0	0
mORF_-_2385896	2385896	2385907	-	6	12	ATG	TAA	0	0
mORF_-_2385944	2385944	2386135	-	6	192	TTG	TAG	0	0
mORF_-_2385988	2385988	2386020	-	5	33	TTG	TGA	0	0
mORF_-_2386030	2386030	2386038	-	5	9	ATG	TGA	0	0
mORF_-_2386039	2386039	2386104	-	5	66	TTG	TGA	0	0
mORF_-_2386108	2386108	2386125	-	5	18	GTG	TAA	0	0
mORF_-_2386154	2386154	2386171	-	6	18	ATG	TAA	0	0
mORF_-_2386199	2386199	2386270	-	6	72	ATG	TGA	0	0
mORF_-_2386307	2386307	2386360	-	6	54	GTG	TGA	0	0
mORF_-_2386373	2386373	2386435	-	6	63	GTG	TAG	0	0
mORF_-_2386432	2386432	2386443	-	5	12	ATG	TGA	0	0
mORF_-_2386436	2386436	2386453	-	6	18	TTG	TAA	0	0
mORF_-_2386460	2386460	2386546	-	6	87	ATG	TAA	0	0
mORF_-_2386468	2386468	2386488	-	5	21	TTG	TAA	0	0
mORF_-_2386522	2386522	2386542	-	5	21	ATG	TGA	0	0
mORF_-_2386548	2386548	2386589	-	4	42	GTG	TAA	0	0
mORF_-_2386589	2386589	2386612	-	6	24	TTG	TAG	0	0
mORF_-_2386593	2386593	2386622	-	4	30	ATG	TAA	0	0
mORF_-_2386644	2386644	2386790	-	4	147	TTG	TGA	0	0
mORF_-_2386655	2386655	2386663	-	6	9	GTG	TAA	0	0
mORF_-_2386666	2386666	2386683	-	5	18	TTG	TAA	0	0
mORF_-_2386706	2386706	2386732	-	6	27	ATG	TAA	0	0
mORF_-_2386735	2386735	2386773	-	5	39	ATG	TAA	0	0
mORF_-_2386754	2386754	2386780	-	6	27	TTG	TAA	0	0
mORF_-_2386777	2386777	2386830	-	5	54	ATG	TGA	0	0
mORF_-_2386824	2386824	2386937	-	4	114	GTG	TGA	0	0
mORF_-_2386931	2386931	2386945	-	6	15	GTG	TGA	0	0
mORF_-_2387008	2387008	2387178	-	5	171	ATG	TGA	0	0
mORF_-_2387076	2387076	2387084	-	4	9	ATG	TAA	0	0
mORF_-_2387109	2387109	2387114	-	4	6	ATG	TAA	0	0
mORF_-_2387145	2387145	2387171	-	4	27	GTG	TAA	0	0
mORF_-_2387168	2387168	2387290	-	6	123	ATG	TGA	0	0
mORF_-_2387226	2387226	2387240	-	4	15	ATG	TAA	0	0
mORF_-_2387281	2387281	2387418	-	5	138	ATG	TGA	0	0

mORF_-_2387294	2387294	2387428	-	6	135	TTG	TAG	1	2	pORF_-_2387294
mORF_-_2387412	2387412	2387516	-	4	105	TTG	TGA	0	0	
mORF_-_2387504	2387504	2387524	-	6	21	TTG	TAA	0	0	
mORF_-_2387535	2387535	2387600	-	4	66	GTG	TGA	0	0	
mORF_-_2387549	2387549	2387665	-	6	117	ATG	TAA	0	0	
mORF_-_2387610	2387610	2387636	-	4	27	ATG	TAA	0	0	
mORF_-_2387617	2387617	2387661	-	5	45	ATG	TAA	0	0	
mORF_-_2387658	2387658	2387675	-	4	18	GTG	TGA	0	0	
mORF_-_2387672	2387672	2387734	-	6	63	TTG	TGA	0	0	
mORF_-_2387716	2387716	2387724	-	5	9	ATG	TGA	0	0	
mORF_-_2387745	2387745	2387888	-	4	144	ATG	TAA	0	0	
mORF_-_2387846	2387846	2387851	-	6	6	ATG	TAA	0	0	
mORF_-_2387899	2387899	2387982	-	5	84	GTG	TAG	0	0	
mORF_-_2387907	2387907	2387930	-	4	24	TTG	TAA	0	0	
mORF_-_2387934	2387934	2387975	-	4	42	GTG	TGA	0	0	
mORF_-_2387948	2387948	2388037	-	6	90	ATG	TAA	0	0	
mORF_-_2388055	2388055	2388060	-	5	6	TTG	TAA	0	0	
mORF_-_2388070	2388070	2389527	-	5	1458	ATG	TAA	1	2	pORF_-_2388070
mORF_-_2388075	2388075	2388098	-	4	24	TTG	TGA	0	0	
mORF_-_2388101	2388101	2388307	-	6	207	GTG	TAG	0	0	
mORF_-_2388105	2388105	2388125	-	4	21	GTG	TGA	0	0	
mORF_-_2388153	2388153	2388200	-	4	48	ATG	TGA	0	0	
mORF_-_2388237	2388237	2388323	-	4	87	GTG	TGA	0	0	
mORF_-_2388402	2388402	2388473	-	4	72	GTG	TGA	0	0	
mORF_-_2388549	2388549	2388587	-	4	39	TTG	TAG	0	0	
mORF_-_2388669	2388669	2388737	-	4	69	GTG	TGA	0	0	
mORF_-_2388734	2388734	2388853	-	6	120	GTG	TGA	0	0	
mORF_-_2388765	2388765	2388896	-	4	132	TTG	TGA	0	0	
mORF_-_2388900	2388900	2389109	-	4	210	TTG	TGA	0	0	
mORF_-_2389125	2389125	2389196	-	4	72	TTG	TGA	0	0	
mORF_-_2389197	2389197	2389322	-	4	126	TTG	TAA	0	0	
mORF_-_2389241	2389241	2389249	-	6	9	GTG	TGA	0	0	
mORF_-_2389329	2389329	2389445	-	4	117	TTG	TGA	0	0	
mORF_-_2389391	2389391	2389441	-	6	51	GTG	TAA	0	0	
mORF_-_2389455	2389455	2389460	-	4	6	TTG	TGA	0	0	
mORF_-_2389524	2389524	2389586	-	4	63	TTG	TGA	0	0	
mORF_-_2389534	2389534	2391063	-	5	1530	ATG	TAA	0	0	
mORF_-_2389559	2389559	2389570	-	6	12	GTG	TAA	0	0	
mORF_-_2389662	2389662	2389784	-	4	123	TTG	TGA	0	0	
mORF_-_2389803	2389803	2389814	-	4	12	TTG	TGA	0	0	
mORF_-_2389836	2389836	2389892	-	4	57	TTG	TGA	0	0	
mORF_-_2389856	2389856	2389933	-	6	78	GTG	TAA	0	0	
mORF_-_2389944	2389944	2390027	-	4	84	TTG	TGA	0	0	
mORF_-_2389973	2389973	2390191	-	6	219	GTG	TGA	0	0	
mORF_-_2390037	2390037	2390081	-	4	45	TTG	TAA	0	0	
mORF_-_2390121	2390121	2390198	-	4	78	TTG	TGA	0	0	
mORF_-_2390271	2390271	2390342	-	4	72	ATG	TGA	0	0	
mORF_-_2390394	2390394	2390414	-	4	21	GTG	TAA	0	0	
mORF_-_2390430	2390430	2390504	-	4	75	TTG	TGA	0	0	
mORF_-_2390511	2390511	2390522	-	4	12	GTG	TGA	0	0	
mORF_-_2390585	2390585	2390755	-	6	171	ATG	TAA	0	0	
mORF_-_2390628	2390628	2390669	-	4	42	TTG	TGA	0	0	
mORF_-_2390703	2390703	2390771	-	4	69	GTG	TGA	0	0	
mORF_-_2390796	2390796	2390840	-	4	45	TTG	TGA	0	0	
mORF_-_2390813	2390813	2390854	-	6	42	GTG	TGA	0	0	
mORF_-_2390867	2390867	2391016	-	6	150	GTG	TGA	0	0	
mORF_-_2390964	2390964	2391029	-	4	66	TTG	TGA	0	0	
mORF_-_2391093	2391093	2391218	-	4	126	TTG	TGA	0	0	
mORF_-_2391107	2391107	2391163	-	6	57	GTG	TGA	0	0	
mORF_-_2391193	2391193	2391216	-	5	24	GTG	TAA	0	0	
mORF_-_2391222	2391222	2391230	-	4	9	TTG	TAA	0	0	
mORF_-_2391227	2391227	2393068	-	6	1842	ATG	TGA	1	2	pORF_-_2391227
mORF_-_2391241	2391241	2391267	-	5	27	GTG	TGA	0	0	

mORF_-_2391274	2391274	2391312	-	5	39	GTG	TGA	0	0	
mORF_-_2391313	2391313	2391336	-	5	24	TTG	TAA	0	0	
mORF_-_2391388	2391388	2391495	-	5	108	GTG	TGA	0	0	
mORF_-_2391444	2391444	2391467	-	4	24	GTG	TGA	0	0	
mORF_-_2391525	2391525	2391536	-	4	12	GTG	TAA	0	0	
mORF_-_2391595	2391595	2391657	-	5	63	TTG	TGA	0	0	
mORF_-_2391658	2391658	2391669	-	5	12	TTG	TGA	0	0	
mORF_-_2391685	2391685	2391696	-	5	12	TTG	TGA	0	0	
mORF_-_2391796	2391796	2391807	-	5	12	GTG	TGA	0	0	
mORF_-_2391826	2391826	2391870	-	5	45	ATG	TGA	0	0	
mORF_-_2392044	2392044	2392358	-	4	315	ATG	TAA	0	0	
mORF_-_2392063	2392063	2392122	-	5	60	TTG	TGA	0	0	
mORF_-_2392129	2392129	2392215	-	5	87	TTG	TGA	0	0	
mORF_-_2392273	2392273	2392284	-	5	12	GTG	TGA	0	0	
mORF_-_2392312	2392312	2392395	-	5	84	GTG	TGA	0	0	
mORF_-_2392383	2392383	2392421	-	4	39	GTG	TAA	0	0	
mORF_-_2392423	2392423	2392446	-	5	24	TTG	TGA	0	0	
mORF_-_2392483	2392483	2392545	-	5	63	GTG	TGA	0	0	
mORF_-_2392536	2392536	2392625	-	4	90	GTG	TGA	0	0	
mORF_-_2392564	2392564	2392581	-	5	18	ATG	TGA	0	0	
mORF_-_2392654	2392654	2392788	-	5	135	GTG	TGA	0	0	
mORF_-_2392848	2392848	2392877	-	4	30	GTG	TAA	0	0	
mORF_-_2392858	2392858	2392920	-	5	63	TTG	TAG	0	0	
mORF_-_2392963	2392963	2393031	-	5	69	TTG	TAG	0	0	
mORF_-_2392989	2392989	2393081	-	4	93	GTG	TGA	0	0	
mORF_-_2393050	2393050	2393058	-	5	9	TTG	TAA	0	0	
mORF_-_2393065	2393065	2393367	-	5	303	ATG	TGA	1	4	pORF_-_2393065
mORF_-_2393097	2393097	2393138	-	4	42	TTG	TGA	0	0	
mORF_-_2393253	2393253	2393270	-	4	18	TTG	TGA	0	0	
mORF_-_2393310	2393310	2393318	-	4	9	TTG	TAA	0	0	
mORF_-_2393343	2393343	2393351	-	4	9	ATG	TGA	0	0	
mORF_-_2393364	2393364	2393918	-	4	555	ATG	TGA	2	5	pORF_-_2393364
mORF_-_2393414	2393414	2393599	-	6	186	TTG	TGA	0	0	
mORF_-_2393575	2393575	2393661	-	5	87	GTG	TAA	0	0	
mORF_-_2393600	2393600	2393638	-	6	39	TTG	TGA	0	0	
mORF_-_2393705	2393705	2393764	-	6	60	GTG	TGA	0	0	
mORF_-_2393861	2393861	2393878	-	6	18	TTG	TGA	0	0	
mORF_-_2393888	2393888	2393896	-	6	9	GTG	TGA	0	0	
mORF_-_2393930	2393930	2394472	-	6	543	ATG	TAA	19	237	pORF_-_2393930
mORF_-_2394027	2394027	2394161	-	4	135	GTG	TAA	0	0	
mORF_-_2394124	2394124	2394168	-	5	45	GTG	TAA	0	0	
mORF_-_2394282	2394282	2394296	-	4	15	TTG	TAA	0	0	
mORF_-_2394322	2394322	2394339	-	5	18	GTG	TGA	0	0	
mORF_-_2394487	2394487	2395464	-	5	978	ATG	TAA	0	0	
mORF_-_2394573	2394573	2394608	-	4	36	GTG	TAA	0	0	
mORF_-_2394645	2394645	2394692	-	4	48	GTG	TGA	0	0	
mORF_-_2394726	2394726	2394746	-	4	21	GTG	TGA	0	0	
mORF_-_2394768	2394768	2394911	-	4	144	ATG	TGA	0	0	
mORF_-_2394827	2394827	2394907	-	6	81	GTG	TGA	0	0	
mORF_-_2395002	2395002	2395070	-	4	69	TTG	TGA	0	0	
mORF_-_2395052	2395052	2395147	-	6	96	TTG	TAA	0	0	
mORF_-_2395128	2395128	2395199	-	4	72	TTG	TGA	0	0	
mORF_-_2395272	2395272	2395364	-	4	93	TTG	TGA	0	0	
mORF_-_2395368	2395368	2395391	-	4	24	TTG	TGA	0	0	
mORF_-_2395425	2395425	2395439	-	4	15	TTG	TGA	0	0	
mORF_-_2395436	2395436	2395516	-	6	81	TTG	TGA	0	0	
mORF_-_2395461	2395461	2398193	-	4	2733	ATG	TGA	94	439	pORF_-_2395461
mORF_-_2395556	2395556	2395600	-	6	45	ATG	TGA	0	0	
mORF_-_2395631	2395631	2396170	-	6	540	TTG	TGA	0	0	
mORF_-_2395720	2395720	2395761	-	5	42	ATG	TGA	0	0	
mORF_-_2395828	2395828	2395896	-	5	69	GTG	TGA	0	0	
mORF_-_2396171	2396171	2396203	-	6	33	GTG	TGA	0	0	
mORF_-_2396327	2396327	2396410	-	6	84	TTG	TGA	0	0	

mORF_-_2396417	2396417	2396446	-	6	30	ATG	TGA	0	0	
mORF_-_2396528	2396528	2396593	-	6	66	TTG	TAA	0	0	
mORF_-_2396696	2396696	2396812	-	6	117	TTG	TGA	0	0	
mORF_-_2396816	2396816	2396944	-	6	129	TTG	TAG	0	0	
mORF_-_2396833	2396833	2396856	-	5	24	GTG	TGA	0	0	
mORF_-_2396996	2396996	2397118	-	6	123	GTG	TGA	0	0	
mORF_-_2397128	2397128	2397244	-	6	117	TTG	TGA	0	0	
mORF_-_2397251	2397251	2397331	-	6	81	GTG	TGA	0	0	
mORF_-_2397362	2397362	2397394	-	6	33	GTG	TGA	0	0	
mORF_-_2397416	2397416	2397718	-	6	303	GTG	TAA	0	0	
mORF_-_2397481	2397481	2397534	-	5	54	ATG	TAA	0	0	
mORF_-_2397535	2397535	2397588	-	5	54	TTG	TAA	0	0	
mORF_-_2397836	2397836	2397871	-	6	36	GTG	TGA	0	0	
mORF_-_2397868	2397868	2397909	-	5	42	GTG	TGA	0	0	
mORF_-_2397902	2397902	2397970	-	6	69	ATG	TGA	0	0	
mORF_-_2397949	2397949	2398089	-	5	141	TTG	TGA	0	0	
mORF_-_2397995	2397995	2398009	-	6	15	GTG	TGA	0	0	
mORF_-_2398037	2398037	2398105	-	6	69	TTG	TGA	0	0	
mORF_-_2398102	2398102	2398122	-	5	21	TTG	TGA	0	0	
mORF_-_2398169	2398169	2398174	-	6	6	ATG	TAG	0	0	
mORF_-_2398240	2398240	2399577	-	5	1338	ATG	TAA	54	342	pORF_-_2398240
mORF_-_2398254	2398254	2398277	-	4	24	ATG	TGA	0	0	
mORF_-_2398281	2398281	2398385	-	4	105	GTG	TGA	0	0	
mORF_-_2398394	2398394	2398417	-	6	24	GTG	TAA	0	0	
mORF_-_2398404	2398404	2398472	-	4	69	GTG	TAG	0	0	
mORF_-_2398454	2398454	2398519	-	6	66	GTG	TGA	0	0	
mORF_-_2398482	2398482	2398664	-	4	183	TTG	TGA	0	0	
mORF_-_2398722	2398722	2398742	-	4	21	GTG	TGA	0	0	
mORF_-_2398730	2398730	2398795	-	6	66	GTG	TGA	0	0	
mORF_-_2398830	2398830	2398997	-	4	168	GTG	TGA	0	0	
mORF_-_2398850	2398850	2398876	-	6	27	GTG	TAA	0	0	
mORF_-_2398907	2398907	2398912	-	6	6	GTG	TAA	0	0	
mORF_-_2398943	2398943	2398951	-	6	9	ATG	TAA	0	0	
mORF_-_2399019	2399019	2399198	-	4	180	GTG	TAA	0	0	
mORF_-_2399208	2399208	2399216	-	4	9	TTG	TGA	0	0	
mORF_-_2399265	2399265	2399309	-	4	45	ATG	TGA	0	0	
mORF_-_2399309	2399309	2399362	-	6	54	ATG	TAA	0	0	
mORF_-_2399451	2399451	2399522	-	4	72	ATG	TGA	0	0	
mORF_-_2399459	2399459	2399506	-	6	48	GTG	TAA	0	0	
mORF_-_2399574	2399574	2400074	-	4	501	ATG	TGA	15	113	pORF_-_2399574
mORF_-_2399615	2399615	2399638	-	6	24	ATG	TGA	0	0	
mORF_-_2399645	2399645	2399710	-	6	66	TTG	TGA	0	0	
mORF_-_2399662	2399662	2399682	-	5	21	TTG	TGA	0	0	
mORF_-_2399735	2399735	2399800	-	6	66	GTG	TGA	0	0	
mORF_-_2399797	2399797	2399802	-	5	6	TTG	TGA	0	0	
mORF_-_2399810	2399810	2399935	-	6	126	GTG	TGA	0	0	
mORF_-_2399954	2399954	2400031	-	6	78	GTG	TGA	0	0	
mORF_-_2400032	2400032	2400040	-	6	9	TTG	TGA	0	0	
mORF_-_2400037	2400037	2400126	-	5	90	TTG	TGA	0	0	
mORF_-_2400077	2400077	2401879	-	6	1803	ATG	TAA	83	390	pORF_-_2400077
mORF_-_2400127	2400127	2400201	-	5	75	GTG	TGA	0	0	
mORF_-_2400235	2400235	2400270	-	5	36	TTG	TGA	0	0	
mORF_-_2400271	2400271	2400288	-	5	18	ATG	TGA	0	0	
mORF_-_2400285	2400285	2400431	-	4	147	GTG	TGA	0	0	
mORF_-_2400382	2400382	2400438	-	5	57	TTG	TGA	0	0	
mORF_-_2400478	2400478	2400648	-	5	171	TTG	TAA	0	0	
mORF_-_2400561	2400561	2400617	-	4	57	GTG	TAA	0	0	
mORF_-_2400667	2400667	2400738	-	5	72	GTG	TGA	0	0	
mORF_-_2400735	2400735	2400797	-	4	63	GTG	TGA	0	0	
mORF_-_2400775	2400775	2400786	-	5	12	TTG	TAG	0	0	
mORF_-_2401006	2401006	2401167	-	5	162	ATG	TAG	0	0	
mORF_-_2401062	2401062	2401271	-	4	210	GTG	TGA	0	0	
mORF_-_2401324	2401324	2401332	-	5	9	TTG	TGA	0	0	

mORF_-_2401402	2401402	2401470	-	5	69	ATG	TGA	0	0	
mORF_-_2401573	2401573	2401656	-	5	84	TTG	TGA	0	0	
mORF_-_2401687	2401687	2401803	-	5	117	TTG	TAA	0	0	
mORF_-_2401716	2401716	2401730	-	4	15	GTG	TGA	0	0	
mORF_-_2401804	2401804	2401818	-	5	15	TTG	TGA	0	0	
mORF_-_2401873	2401873	2401884	-	5	12	TTG	TGA	0	0	
mORF_-_2401930	2401930	2401971	-	5	42	TTG	TAA	0	0	
mORF_-_2401973	2401973	2402635	-	6	663	ATG	TAA	14	106	pORF_-_2401973
mORF_-_2402002	2402002	2402076	-	5	75	TTG	TAA	0	0	
mORF_-_2402128	2402128	2402343	-	5	216	TTG	TGA	0	0	
mORF_-_2402196	2402196	2402273	-	4	78	ATG	TAA	0	0	
mORF_-_2402350	2402350	2402409	-	5	60	ATG	TGA	0	0	
mORF_-_2402428	2402428	2402508	-	5	81	ATG	TGA	0	0	
mORF_-_2402463	2402463	2402474	-	4	12	TTG	TAA	0	0	
mORF_-_2402560	2402560	2402601	-	5	42	GTG	TAA	0	0	
mORF_-_2402651	2402651	2403094	-	6	444	ATG	TAA	11	22	pORF_-_2402651
mORF_-_2402664	2402664	2402834	-	4	171	ATG	TAA	0	0	
mORF_-_2402689	2402689	2402796	-	5	108	TTG	TGA	0	0	
mORF_-_2402800	2402800	2402946	-	5	147	TTG	TAG	0	0	
mORF_-_2402943	2402943	2403017	-	4	75	GTG	TGA	0	0	
mORF_-_2403007	2403007	2403030	-	5	24	TTG	TGA	0	0	
mORF_-_2403091	2403091	2403126	-	5	36	GTG	TGA	0	0	
mORF_-_2403098	2403098	2403154	-	6	57	ATG	TAA	0	0	
mORF_-_2403123	2403123	2403152	-	4	30	GTG	TGA	0	0	
mORF_-_2403133	2403133	2403192	-	5	60	GTG	TGA	0	0	
mORF_-_2403183	2403183	2403188	-	4	6	TTG	TAA	0	0	
mORF_-_2403231	2403231	2403278	-	4	48	GTG	TAA	0	0	
mORF_-_2403275	2403275	2403310	-	6	36	ATG	TGA	0	0	
mORF_-_2403285	2403285	2403290	-	4	6	ATG	TAA	0	0	
mORF_-_2403311	2403311	2403325	-	6	15	GTG	TAA	0	0	
mORF_-_2403322	2403322	2403504	-	5	183	TTG	TGA	0	0	
mORF_-_2403404	2403404	2403490	-	6	87	TTG	TAG	0	0	
mORF_-_2403477	2403477	2403485	-	4	9	ATG	TGA	0	0	
mORF_-_2403507	2403507	2403527	-	4	21	ATG	TAA	0	0	
mORF_-_2403554	2403554	2403619	-	6	66	GTG	TAA	0	0	
mORF_-_2403661	2403661	2403669	-	5	9	GTG	TAA	0	0	
mORF_-_2403687	2403687	2403692	-	4	6	GTG	TAA	0	0	
mORF_-_2403700	2403700	2403744	-	5	45	TTG	TGA	0	0	
mORF_-_2403725	2403725	2404663	-	6	939	ATG	TAA	6	16	pORF_-_2403725
mORF_-_2403745	2403745	2403759	-	5	15	ATG	TGA	0	0	
mORF_-_2403756	2403756	2403794	-	4	39	GTG	TGA	0	0	
mORF_-_2403826	2403826	2403903	-	5	78	ATG	TGA	0	0	
mORF_-_2403858	2403858	2403866	-	4	9	GTG	TGA	0	0	
mORF_-_2403904	2403904	2403912	-	5	9	GTG	TAG	0	0	
mORF_-_2403913	2403913	2403921	-	5	9	GTG	TGA	0	0	
mORF_-_2403937	2403937	2403945	-	5	9	TTG	TGA	0	0	
mORF_-_2403942	2403942	2404028	-	4	87	ATG	TGA	0	0	
mORF_-_2403958	2403958	2403966	-	5	9	TTG	TGA	0	0	
mORF_-_2403976	2403976	2404098	-	5	123	TTG	TGA	0	0	
mORF_-_2404210	2404210	2404272	-	5	63	ATG	TGA	0	0	
mORF_-_2404309	2404309	2404353	-	5	45	GTG	TAA	0	0	
mORF_-_2404387	2404387	2404455	-	5	69	ATG	TAA	0	0	
mORF_-_2404458	2404458	2404559	-	4	102	GTG	TGA	0	0	
mORF_-_2404462	2404462	2404506	-	5	45	TTG	TAA	0	0	
mORF_-_2404537	2404537	2404581	-	5	45	TTG	TAA	0	0	
mORF_-_2404588	2404588	2404608	-	5	21	TTG	TGA	0	0	
mORF_-_2404635	2404635	2404673	-	4	39	GTG	TAA	0	0	
mORF_-_2404639	2404639	2404656	-	5	18	GTG	TAA	0	0	
mORF_-_2404674	2404674	2404760	-	4	87	ATG	TAA	0	0	
mORF_-_2404685	2404685	2404732	-	6	48	ATG	TGA	0	0	
mORF_-_2404699	2404699	2404800	-	5	102	GTG	TAA	0	0	
mORF_-_2404757	2404757	2404816	-	6	60	GTG	TGA	0	0	
mORF_-_2404813	2404813	2404890	-	5	78	GTG	TGA	0	0	

mORF_-_2404887	2404887	2404973	-	4	87	ATG	TGA	0	0
mORF_-_2404897	2404897	2405013	-	5	117	TTG	TAG	0	0
mORF_-_2404901	2404901	2404963	-	6	63	ATG	TAA	0	0
mORF_-_2404970	2404970	2404996	-	6	27	TTG	TGA	0	0
mORF_-_2405010	2405010	2405030	-	4	21	ATG	TGA	0	0
mORF_-_2405031	2405031	2405042	-	4	12	ATG	TAA	0	0
mORF_-_2405044	2405044	2405076	-	5	33	ATG	TAA	0	0
mORF_-_2405060	2405060	2405095	-	6	36	TTG	TAA	0	0
mORF_-_2405098	2405098	2405115	-	5	18	TTG	TAA	0	0
mORF_-_2405103	2405103	2405141	-	4	39	GTG	TAA	0	0
mORF_-_2405108	2405108	2405191	-	6	84	ATG	TAA	0	0
mORF_-_2405172	2405172	2405195	-	4	24	ATG	TAA	0	0
mORF_-_2405188	2405188	2405292	-	5	105	ATG	TGA	0	0
mORF_-_2405195	2405195	2405233	-	6	39	ATG	TAA	0	0
mORF_-_2405217	2405217	2405222	-	4	6	GTG	TGA	0	0
mORF_-_2405261	2405261	2405335	-	6	75	TTG	TAA	0	0
mORF_-_2405302	2405302	2405331	-	5	30	GTG	TAA	0	0
mORF_-_2405328	2405328	2405333	-	4	6	GTG	TGA	0	0
mORF_-_2405362	2405362	2405367	-	5	6	TTG	TAA	0	0
mORF_-_2405368	2405368	2405418	-	5	51	GTG	TAA	0	0
mORF_-_2405375	2405375	2405398	-	6	24	ATG	TGA	0	0
mORF_-_2405388	2405388	2405423	-	4	36	ATG	TAG	0	0
mORF_-_2405423	2405423	2405500	-	6	78	TTG	TAA	0	0
mORF_-_2405437	2405437	2405454	-	5	18	GTG	TAA	0	0
mORF_-_2405445	2405445	2405567	-	4	123	TTG	TAA	0	0
mORF_-_2405497	2405497	2405577	-	5	81	TTG	TGA	0	0
mORF_-_2405528	2405528	2405608	-	6	81	TTG	TAG	0	0
mORF_-_2405581	2405581	2405658	-	5	78	TTG	TGA	0	0
mORF_-_2405610	2405610	2406017	-	4	408	ATG	TAA	0	0
mORF_-_2405624	2405624	2405764	-	6	141	TTG	TAA	0	0
mORF_-_2405777	2405777	2405797	-	6	21	TTG	TGA	0	0
mORF_-_2405804	2405804	2405827	-	6	24	ATG	TAA	0	0
mORF_-_2405834	2405834	2405851	-	6	18	ATG	TAG	0	0
mORF_-_2405876	2405876	2405887	-	6	12	TTG	TAA	0	0
mORF_-_2405902	2405902	2405973	-	5	72	GTG	TAA	0	0
mORF_-_2406017	2406017	2406142	-	6	126	TTG	TAA	0	0
mORF_-_2406106	2406106	2406174	-	5	69	GTG	TGA	0	0
mORF_-_2406150	2406150	2406245	-	4	96	GTG	TAA	0	0
mORF_-_2406176	2406176	2406190	-	6	15	ATG	TGA	0	0
mORF_-_2406190	2406190	2406264	-	5	75	GTG	TAA	0	0
mORF_-_2406209	2406209	2406217	-	6	9	TTG	TAA	0	0
mORF_-_2406242	2406242	2406280	-	6	39	ATG	TGA	0	0
mORF_-_2406246	2406246	2406362	-	4	117	GTG	TGA	0	0
mORF_-_2406286	2406286	2406402	-	5	117	TTG	TAA	0	0
mORF_-_2406326	2406326	2406367	-	6	42	TTG	TGA	0	0
mORF_-_2406371	2406371	2406439	-	6	69	ATG	TAG	0	0
mORF_-_2406399	2406399	2406434	-	4	36	GTG	TGA	0	0
mORF_-_2406450	2406450	2406710	-	4	261	GTG	TAG	0	0
mORF_-_2406461	2406461	2406469	-	6	9	ATG	TGA	0	0
mORF_-_2406500	2406500	2406616	-	6	117	ATG	TAA	0	0
mORF_-_2406610	2406610	2406687	-	5	78	ATG	TAA	0	0
mORF_-_2406626	2406626	2406691	-	6	66	TTG	TGA	0	0
mORF_-_2406707	2406707	2406763	-	6	57	TTG	TGA	0	0
mORF_-_2406721	2406721	2407140	-	5	420	TTG	TGA	0	0
mORF_-_2406726	2406726	2406827	-	4	102	ATG	TAG	0	0
mORF_-_2406809	2406809	2407009	-	6	201	ATG	TGA	0	0
mORF_-_2406837	2406837	2406848	-	4	12	GTG	TAA	0	0
mORF_-_2407070	2407070	2407087	-	6	18	GTG	TAA	0	0
mORF_-_2407094	2407094	2407189	-	6	96	TTG	TGA	0	0
mORF_-_2407153	2407153	2407164	-	5	12	TTG	TGA	0	0
mORF_-_2407167	2407167	2407361	-	4	195	TTG	TAG	0	0
mORF_-_2407238	2407238	2407444	-	6	207	ATG	TAA	0	0
mORF_-_2407411	2407411	2407512	-	5	102	TTG	TAG	0	0

mORF_-_2407461	2407461	2407505	-	4	45	ATG	TAA	0	0	
mORF_-_2407505	2407505	2407531	-	6	27	ATG	TGA	0	0	
mORF_-_2407531	2407531	2407578	-	5	48	TTG	TGA	0	0	
mORF_-_2407542	2407542	2409374	-	4	1833	GTG	TGA	0	0	
mORF_-_2407568	2407568	2407576	-	6	9	GTG	TGA	0	0	
mORF_-_2407616	2407616	2407627	-	6	12	GTG	TGA	0	0	
mORF_-_2407685	2407685	2407771	-	6	87	TTG	TGA	0	0	
mORF_-_2407781	2407781	2407837	-	6	57	TTG	TGA	0	0	
mORF_-_2407801	2407801	2407845	-	5	45	GTG	TAA	0	0	
mORF_-_2407853	2407853	2407879	-	6	27	TTG	TGA	0	0	
mORF_-_2407895	2407895	2407939	-	6	45	TTG	TGA	0	0	
mORF_-_2407946	2407946	2407954	-	6	9	TTG	TGA	0	0	
mORF_-_2407958	2407958	2408005	-	6	48	ATG	TGA	0	0	
mORF_-_2408027	2408027	2408071	-	6	45	ATG	TGA	0	0	
mORF_-_2408093	2408093	2408149	-	6	57	GTG	TAA	0	0	
mORF_-_2408210	2408210	2408293	-	6	84	ATG	TGA	0	0	
mORF_-_2408300	2408300	2408314	-	6	15	ATG	TAA	0	0	
mORF_-_2408315	2408315	2408362	-	6	48	TTG	TGA	0	0	
mORF_-_2408381	2408381	2408548	-	6	168	ATG	TAA	0	0	
mORF_-_2408467	2408467	2408472	-	5	6	TTG	TAG	0	0	
mORF_-_2408555	2408555	2408650	-	6	96	TTG	TGA	0	0	
mORF_-_2408651	2408651	2408689	-	6	39	GTG	TGA	0	0	
mORF_-_2408696	2408696	2408710	-	6	15	GTG	TGA	0	0	
mORF_-_2408792	2408792	2408833	-	6	42	TTG	TAG	0	0	
mORF_-_2408840	2408840	2408887	-	6	48	GTG	TAA	0	0	
mORF_-_2408939	2408939	2408950	-	6	12	TTG	TGA	0	0	
mORF_-_2408966	2408966	2409001	-	6	36	TTG	TGA	0	0	
mORF_-_2409005	2409005	2409034	-	6	30	TTG	TAA	0	0	
mORF_-_2409047	2409047	2409061	-	6	15	TTG	TGA	0	0	
mORF_-_2409080	2409080	2409118	-	6	39	TTG	TGA	0	0	
mORF_-_2409106	2409106	2409132	-	5	27	ATG	TAG	0	0	
mORF_-_2409140	2409140	2409196	-	6	57	TTG	TAA	0	0	
mORF_-_2409197	2409197	2409205	-	6	9	TTG	TGA	0	0	
mORF_-_2409214	2409214	2409357	-	5	144	TTG	TGA	0	0	
mORF_-_2409257	2409257	2409334	-	6	78	TTG	TAA	0	0	
mORF_-_2409359	2409359	2409367	-	6	9	GTG	TGA	0	0	
mORF_-_2409364	2409364	2409483	-	5	120	ATG	TGA	0	0	
mORF_-_2409371	2409371	2409376	-	6	6	TTG	TGA	0	0	
mORF_-_2409441	2409441	2409464	-	4	24	GTG	TAG	0	0	
mORF_-_2409461	2409461	2410129	-	6	669	ATG	TGA	13	135	pORF_-_2409461
mORF_-_2409496	2409496	2409540	-	5	45	ATG	TGA	0	0	
mORF_-_2409541	2409541	2409654	-	5	114	TTG	TGA	0	0	
mORF_-_2409567	2409567	2409641	-	4	75	GTG	TAA	0	0	
mORF_-_2409673	2409673	2409687	-	5	15	ATG	TAG	0	0	
mORF_-_2409724	2409724	2409729	-	5	6	TTG	TAA	0	0	
mORF_-_2409759	2409759	2409809	-	4	51	GTG	TAA	0	0	
mORF_-_2409796	2409796	2409801	-	5	6	TTG	TGA	0	0	
mORF_-_2409826	2409826	2409921	-	5	96	TTG	TGA	0	0	
mORF_-_2409975	2409975	2410040	-	4	66	GTG	TAA	0	0	
mORF_-_2410009	2410009	2410017	-	5	9	ATG	TAG	0	0	
mORF_-_2410048	2410048	2410089	-	5	42	TTG	TAG	0	0	
mORF_-_2410086	2410086	2410106	-	4	21	GTG	TGA	0	0	
mORF_-_2410122	2410122	2410634	-	4	513	GTG	TGA	35	184	pORF_-_2410122
mORF_-_2410141	2410141	2410188	-	5	48	GTG	TAA	0	0	
mORF_-_2410157	2410157	2410408	-	6	252	ATG	TGA	0	0	
mORF_-_2410192	2410192	2410218	-	5	27	GTG	TAA	0	0	
mORF_-_2410454	2410454	2410543	-	6	90	ATG	TGA	0	0	
mORF_-_2410639	2410639	2410698	-	5	60	TTG	TAG	0	0	
mORF_-_2410695	2410695	2410712	-	4	18	TTG	TGA	0	0	
mORF_-_2410699	2410699	2411154	-	5	456	ATG	TAA	0	0	
mORF_-_2410758	2410758	2410835	-	4	78	ATG	TAG	0	0	
mORF_-_2410844	2410844	2411083	-	6	240	GTG	TAA	0	0	
mORF_-_2410914	2410914	2411018	-	4	105	ATG	TAA	0	0	

mORF_-_2411025	2411025	2411063	-	4	39	TTG	TGA	0	0	
mORF_-_2411138	2411138	2411161	-	6	24	GTG	TAA	0	0	
mORF_-_2411158	2411158	2411226	-	5	69	TTG	TGA	0	0	
mORF_-_2411169	2411169	2411204	-	4	36	GTG	TGA	0	0	
mORF_-_2411201	2411201	2411206	-	6	6	TTG	TGA	0	0	
mORF_-_2411208	2411208	2411219	-	4	12	TTG	TGA	0	0	
mORF_-_2411223	2411223	2411354	-	4	132	ATG	TGA	0	0	
mORF_-_2411294	2411294	2411320	-	6	27	ATG	TGA	0	0	
mORF_-_2411320	2411320	2411346	-	5	27	TTG	TAA	0	0	
mORF_-_2411339	2411339	2411431	-	6	93	ATG	TAA	0	0	
mORF_-_2411359	2411359	2411379	-	5	21	ATG	TGA	0	0	
mORF_-_2411428	2411428	2411643	-	5	216	TTG	TGA	0	0	
mORF_-_2411435	2411435	2411470	-	6	36	GTG	TAG	0	0	
mORF_-_2411463	2411463	2411477	-	4	15	TTG	TAA	0	0	
mORF_-_2411478	2411478	2411537	-	4	60	GTG	TAA	0	0	
mORF_-_2411550	2411550	2411618	-	4	69	GTG	TGA	0	0	
mORF_-_2411588	2411588	2411605	-	6	18	GTG	TAA	0	0	
mORF_-_2411660	2411660	2412700	-	6	1041	GTG	TAA	0	0	
mORF_-_2411677	2411677	2411694	-	5	18	TTG	TGA	0	0	
mORF_-_2411709	2411709	2411720	-	4	12	GTG	TAG	0	0	
mORF_-_2411821	2411821	2411862	-	5	42	TTG	TGA	0	0	
mORF_-_2411829	2411829	2411909	-	4	81	GTG	TGA	0	0	
mORF_-_2411869	2411869	2411943	-	5	75	GTG	TGA	0	0	
mORF_-_2411958	2411958	2412074	-	4	117	TTG	TAG	0	0	
mORF_-_2411992	2411992	2412018	-	5	27	ATG	TAA	0	0	
mORF_-_2412025	2412025	2412042	-	5	18	GTG	TAA	0	0	
mORF_-_2412052	2412052	2412306	-	5	255	TTG	TAG	0	0	
mORF_-_2412243	2412243	2412287	-	4	45	TTG	TGA	0	0	
mORF_-_2412288	2412288	2412398	-	4	111	TTG	TGA	0	0	
mORF_-_2412352	2412352	2412366	-	5	15	TTG	TAG	0	0	
mORF_-_2412406	2412406	2412432	-	5	27	ATG	TAA	0	0	
mORF_-_2412439	2412439	2412534	-	5	96	TTG	TAG	0	0	
mORF_-_2412480	2412480	2412584	-	4	105	GTG	TGA	0	0	
mORF_-_2412562	2412562	2412648	-	5	87	TTG	TGA	0	0	
mORF_-_2412636	2412636	2412644	-	4	9	TTG	TAA	0	0	
mORF_-_2412660	2412660	2412881	-	4	222	TTG	TAA	0	0	
mORF_-_2412697	2412697	2414967	-	5	2271	GTG	TGA	1	3	pORF_-_2412697
mORF_-_2412824	2412824	2412847	-	6	24	TTG	TGA	0	0	
mORF_-_2412921	2412921	2412959	-	4	39	GTG	TGA	0	0	
mORF_-_2412932	2412932	2413048	-	6	117	TTG	TAG	0	0	
mORF_-_2412987	2412987	2413013	-	4	27	TTG	TAG	0	0	
mORF_-_2413050	2413050	2413067	-	4	18	TTG	TAG	0	0	
mORF_-_2413058	2413058	2413108	-	6	51	GTG	TAG	0	0	
mORF_-_2413185	2413185	2413652	-	4	468	ATG	TGA	0	0	
mORF_-_2413283	2413283	2413300	-	6	18	GTG	TAA	0	0	
mORF_-_2413538	2413538	2413552	-	6	15	GTG	TGA	0	0	
mORF_-_2413692	2413692	2413808	-	4	117	TTG	TAA	0	0	
mORF_-_2413869	2413869	2413907	-	4	39	GTG	TAG	0	0	
mORF_-_2413950	2413950	2414093	-	4	144	TTG	TGA	0	0	
mORF_-_2414033	2414033	2414059	-	6	27	TTG	TAG	0	0	
mORF_-_2414169	2414169	2414246	-	4	78	TTG	TAG	0	0	
mORF_-_2414310	2414310	2414396	-	4	87	ATG	TGA	0	0	
mORF_-_2414315	2414315	2414323	-	6	9	TTG	TAG	0	0	
mORF_-_2414351	2414351	2414362	-	6	12	GTG	TGA	0	0	
mORF_-_2414421	2414421	2414441	-	4	21	TTG	TAA	0	0	
mORF_-_2414528	2414528	2414593	-	6	66	TTG	TAG	0	0	
mORF_-_2414538	2414538	2414756	-	4	219	GTG	TAG	0	0	
mORF_-_2414757	2414757	2414822	-	4	66	TTG	TAG	0	0	
mORF_-_2414828	2414828	2414902	-	6	75	GTG	TAA	0	0	
mORF_-_2414868	2414868	2414876	-	4	9	ATG	TAG	0	0	
mORF_-_2414967	2414967	2414999	-	4	33	ATG	TAG	0	0	
mORF_-_2414999	2414999	2415073	-	6	75	GTG	TAA	0	0	
mORF_-_2415022	2415022	2415057	-	5	36	GTG	TAA	0	0	

mORF_-_2415036	2415036	2415200	-	4	165	GTG	TGA	0	0	
mORF_-_2415067	2415067	2415087	-	5	21	TTG	TAA	0	0	
mORF_-_2415101	2415101	2415112	-	6	12	TTG	TAG	0	0	
mORF_-_2415113	2415113	2415145	-	6	33	TTG	TGA	0	0	
mORF_-_2415179	2415179	2415295	-	6	117	ATG	TAG	0	0	
mORF_-_2415184	2415184	2415291	-	5	108	GTG	TAA	0	0	
mORF_-_2415258	2415258	2415302	-	4	45	ATG	TGA	0	0	
mORF_-_2415292	2415292	2415336	-	5	45	GTG	TGA	0	0	
mORF_-_2415333	2415333	2415635	-	4	303	ATG	TGA	0	0	
mORF_-_2415406	2415406	2415528	-	5	123	ATG	TGA	0	0	
mORF_-_2415566	2415566	2415580	-	6	15	GTG	TAA	0	0	
mORF_-_2415632	2415632	2415640	-	6	9	GTG	TGA	0	0	
mORF_-_2415643	2415643	2415705	-	5	63	TTG	TAG	0	0	
mORF_-_2415660	2415660	2415677	-	4	18	GTG	TAG	0	0	
mORF_-_2415690	2415690	2415701	-	4	12	GTG	TAG	0	0	
mORF_-_2415753	2415753	2416292	-	4	540	TTG	TGA	0	0	
mORF_-_2415839	2415839	2415886	-	6	48	GTG	TAA	0	0	
mORF_-_2415883	2415883	2415939	-	5	57	TTG	TGA	0	0	
mORF_-_2416118	2416118	2416135	-	6	18	ATG	TAA	0	0	
mORF_-_2416334	2416334	2416393	-	6	60	GTG	TAA	0	0	
mORF_-_2416362	2416362	2416379	-	4	18	ATG	TGA	0	0	
mORF_-_2416384	2416384	2416467	-	5	84	GTG	TAA	0	0	
mORF_-_2416464	2416464	2416472	-	4	9	ATG	TGA	0	0	
mORF_-_2416469	2416469	2416501	-	6	33	TTG	TGA	0	0	
mORF_-_2416555	2416555	2416659	-	5	105	ATG	TAG	0	0	
mORF_-_2416656	2416656	2417198	-	4	543	ATG	TGA	14	179	pORF_-_2416656
mORF_-_2416676	2416676	2416696	-	6	21	ATG	TAG	0	0	
mORF_-_2416684	2416684	2416710	-	5	27	GTG	TGA	0	0	
mORF_-_2416724	2416724	2416747	-	6	24	ATG	TGA	0	0	
mORF_-_2416744	2416744	2416785	-	5	42	TTG	TGA	0	0	
mORF_-_2416775	2416775	2416966	-	6	192	ATG	TGA	0	0	
mORF_-_2416798	2416798	2416863	-	5	66	TTG	TGA	0	0	
mORF_-_2416976	2416976	2416996	-	6	21	ATG	TAG	0	0	
mORF_-_2416997	2416997	2417158	-	6	162	TTG	TAG	0	0	
mORF_-_2417062	2417062	2417100	-	5	39	GTG	TGA	0	0	
mORF_-_2417149	2417149	2417169	-	5	21	ATG	TGA	0	0	
mORF_-_2417170	2417170	2417238	-	5	69	ATG	TGA	0	0	
mORF_-_2417228	2417228	2417296	-	6	69	ATG	TAA	0	0	
mORF_-_2417256	2417256	2417810	-	4	555	GTG	TAA	12	57	pORF_-_2417256
mORF_-_2417306	2417306	2417338	-	6	33	ATG	TAA	0	0	
mORF_-_2417350	2417350	2417541	-	5	192	GTG	TAA	0	0	
mORF_-_2417369	2417369	2417449	-	6	81	ATG	TGA	0	0	
mORF_-_2417459	2417459	2417497	-	6	39	ATG	TAA	0	0	
mORF_-_2417549	2417549	2417677	-	6	129	ATG	TAA	0	0	
mORF_-_2417677	2417677	2417814	-	5	138	GTG	TAA	0	0	
mORF_-_2417693	2417693	2417707	-	6	15	TTG	TGA	0	0	
mORF_-_2417711	2417711	2417794	-	6	84	TTG	TGA	0	0	
mORF_-_2417807	2417807	2417920	-	6	114	GTG	TGA	0	0	
mORF_-_2417811	2417811	2417966	-	4	156	ATG	TGA	0	0	
mORF_-_2417863	2417863	2418507	-	5	645	ATG	TGA	4	10	pORF_-_2417863
mORF_-_2417988	2417988	2418026	-	4	39	TTG	TAA	0	0	
mORF_-_2418005	2418005	2418019	-	6	15	ATG	TGA	0	0	
mORF_-_2418048	2418048	2418086	-	4	39	GTG	TAG	0	0	
mORF_-_2418105	2418105	2418140	-	4	36	ATG	TAA	0	0	
mORF_-_2418168	2418168	2418212	-	4	45	GTG	TGA	0	0	
mORF_-_2418219	2418219	2418299	-	4	81	GTG	TAG	0	0	
mORF_-_2418300	2418300	2418476	-	4	177	ATG	TGA	0	0	
mORF_-_2418311	2418311	2418361	-	6	51	GTG	TGA	0	0	
mORF_-_2418377	2418377	2418484	-	6	108	TTG	TGA	0	0	
mORF_-_2418500	2418500	2418670	-	6	171	GTG	TAA	0	0	
mORF_-_2418507	2418507	2418521	-	4	15	TTG	TAA	0	0	
mORF_-_2418616	2418616	2418816	-	5	201	ATG	TGA	1	3	pORF_-_2418616
mORF_-_2418654	2418654	2418674	-	4	21	TTG	TAG	0	0	

mORF_-_2418678	2418678	2418683	-	4	6	TTG	TGA	0	0	
mORF_-_2418728	2418728	2418934	-	6	207	ATG	TAA	0	0	
mORF_-_2418753	2418753	2418794	-	4	42	TTG	TGA	0	0	
mORF_-_2418813	2418813	2418866	-	4	54	ATG	TGA	0	0	
mORF_-_2418841	2418841	2418909	-	5	69	ATG	TAG	0	0	
mORF_-_2418906	2418906	2418932	-	4	27	GTG	TGA	0	0	
mORF_-_2418943	2418943	2419068	-	5	126	ATG	TAA	0	0	
mORF_-_2418999	2418999	2419019	-	4	21	ATG	TGA	0	0	
mORF_-_2419062	2419062	2419079	-	4	18	TTG	TAA	0	0	
mORF_-_2419116	2419116	2419238	-	4	123	GTG	TAG	0	0	
mORF_-_2419151	2419151	2419186	-	6	36	TTG	TAA	0	0	
mORF_-_2419180	2419180	2419212	-	5	33	ATG	TAG	0	0	
mORF_-_2419199	2419199	2419261	-	6	63	GTG	TGA	0	0	
mORF_-_2419252	2419252	2419263	-	5	12	TTG	TAG	0	0	
mORF_-_2419311	2419311	2419547	-	4	237	ATG	TAA	0	0	
mORF_-_2419316	2419316	2419429	-	6	114	TTG	TGA	0	0	
mORF_-_2419321	2419321	2419353	-	5	33	GTG	TAG	0	0	
mORF_-_2419433	2419433	2419450	-	6	18	TTG	TGA	0	0	
mORF_-_2419463	2419463	2419501	-	6	39	TTG	TAG	0	0	
mORF_-_2419514	2419514	2419537	-	6	24	ATG	TAA	0	0	
mORF_-_2419537	2419537	2419746	-	5	210	GTG	TAA	0	0	
mORF_-_2419581	2419581	2419658	-	4	78	GTG	TAA	0	0	
mORF_-_2419667	2419667	2419687	-	6	21	ATG	TAG	0	0	
mORF_-_2419760	2419760	2419807	-	6	48	TTG	TAA	0	0	
mORF_-_2419809	2419809	2419868	-	4	60	GTG	TAA	0	0	
mORF_-_2419868	2419868	2420008	-	6	141	TTG	TAG	0	0	
mORF_-_2419888	2419888	2419923	-	5	36	TTG	TGA	0	0	
mORF_-_2419960	2419960	2420058	-	5	99	ATG	TGA	0	0	
mORF_-_2420025	2420025	2420045	-	4	21	GTG	TAA	0	0	
mORF_-_2420055	2420055	2420072	-	4	18	TTG	TGA	0	0	
mORF_-_2420080	2420080	2420193	-	5	114	TTG	TAA	0	0	
mORF_-_2420090	2420090	2420455	-	6	366	ATG	TAA	0	0	
mORF_-_2420136	2420136	2420234	-	4	99	GTG	TAA	0	0	
mORF_-_2420326	2420326	2420346	-	5	21	TTG	TGA	0	0	
mORF_-_2420343	2420343	2420387	-	4	45	ATG	TGA	0	0	
mORF_-_2420404	2420404	2420418	-	5	15	TTG	TAG	0	0	
mORF_-_2420443	2420443	2420490	-	5	48	ATG	TGA	0	0	
mORF_-_2420525	2420525	2420536	-	6	12	TTG	TAA	0	0	
mORF_-_2420547	2420547	2420642	-	4	96	ATG	TAG	0	0	
mORF_-_2420630	2420630	2420638	-	6	9	TTG	TAA	0	0	
mORF_-_2420671	2420671	2421561	-	5	891	ATG	TAA	2	6	pORF_-_2420671
mORF_-_2420736	2420736	2420825	-	4	90	TTG	TAG	0	0	
mORF_-_2420865	2420865	2420900	-	4	36	ATG	TAG	0	0	
mORF_-_2420934	2420934	2420948	-	4	15	ATG	TAA	0	0	
mORF_-_2420964	2420964	2420978	-	4	15	TTG	TAG	0	0	
mORF_-_2421027	2421027	2421071	-	4	45	ATG	TAA	0	0	
mORF_-_2421126	2421126	2421263	-	4	138	TTG	TAG	0	0	
mORF_-_2421149	2421149	2421187	-	6	39	TTG	TGA	0	0	
mORF_-_2421305	2421305	2421367	-	6	63	GTG	TAA	0	0	
mORF_-_2421324	2421324	2421329	-	4	6	ATG	TAG	0	0	
mORF_-_2421357	2421357	2421404	-	4	48	TTG	TGA	0	0	
mORF_-_2421435	2421435	2421533	-	4	99	ATG	TAA	0	0	
mORF_-_2421440	2421440	2421445	-	6	6	GTG	TGA	0	0	
mORF_-_2421530	2421530	2421574	-	6	45	GTG	TGA	0	0	
mORF_-_2421558	2421558	2421620	-	4	63	TTG	TGA	0	0	
mORF_-_2421571	2421571	2421600	-	5	30	TTG	TGA	0	0	
mORF_-_2421584	2421584	2421616	-	6	33	GTG	TAA	0	0	
mORF_-_2421684	2421684	2421746	-	4	63	GTG	TAA	0	0	
mORF_-_2421691	2421691	2421720	-	5	30	ATG	TGA	0	0	
mORF_-_2421758	2421758	2422531	-	6	774	ATG	TAA	15	130	pORF_-_2421758
mORF_-_2421763	2421763	2421813	-	5	51	TTG	TGA	0	0	
mORF_-_2421841	2421841	2421891	-	5	51	TTG	TAG	0	0	
mORF_-_2421967	2421967	2422101	-	5	135	GTG	TAG	0	0	

mORF_-_2422249	2422249	2422359	-	5	111	GTG	TGA	0	0	
mORF_-_2422432	2422432	2422446	-	5	15	ATG	TAA	0	0	
mORF_-_2422468	2422468	2422479	-	5	12	ATG	TGA	0	0	
mORF_-_2422539	2422539	2423255	-	4	717	GTG	TGA	0	0	
mORF_-_2422559	2422559	2422564	-	6	6	ATG	TGA	0	0	
mORF_-_2422604	2422604	2422612	-	6	9	ATG	TGA	0	0	
mORF_-_2422622	2422622	2422642	-	6	21	TTG	TAA	0	0	
mORF_-_2422754	2422754	2422894	-	6	141	TTG	TGA	0	0	
mORF_-_2422949	2422949	2423119	-	6	171	TTG	TGA	0	0	
mORF_-_2423101	2423101	2423217	-	5	117	GTG	TAA	0	0	
mORF_-_2423153	2423153	2423239	-	6	87	ATG	TAG	0	0	
mORF_-_2423252	2423252	2423938	-	6	687	ATG	TGA	1	2	pORF_-_2423252
mORF_-_2423269	2423269	2423313	-	5	45	ATG	TGA	0	0	
mORF_-_2423341	2423341	2423415	-	5	75	ATG	TGA	0	0	
mORF_-_2423458	2423458	2423478	-	5	21	TTG	TGA	0	0	
mORF_-_2423500	2423500	2423538	-	5	39	GTG	TGA	0	0	
mORF_-_2423566	2423566	2423676	-	5	111	TTG	TAG	0	0	
mORF_-_2423710	2423710	2423718	-	5	9	TTG	TAA	0	0	
mORF_-_2423752	2423752	2423769	-	5	18	GTG	TAG	0	0	
mORF_-_2423797	2423797	2423841	-	5	45	TTG	TGA	0	0	
mORF_-_2423866	2423866	2424018	-	5	153	GTG	TAG	0	0	
mORF_-_2424015	2424015	2424047	-	4	33	TTG	TGA	0	0	
mORF_-_2424028	2424028	2424810	-	5	783	ATG	TAA	104	2365	pORF_-_2424028
mORF_-_2424066	2424066	2424104	-	4	39	TTG	TAG	0	0	
mORF_-_2424165	2424165	2424281	-	4	117	TTG	TAG	0	0	
mORF_-_2424294	2424294	2424365	-	4	72	ATG	TGA	0	0	
mORF_-_2424338	2424338	2424358	-	6	21	TTG	TGA	0	0	
mORF_-_2424501	2424501	2424554	-	4	54	TTG	TAG	0	0	
mORF_-_2424551	2424551	2424634	-	6	84	ATG	TGA	0	0	
mORF_-_2424579	2424579	2424749	-	4	171	TTG	TAA	0	0	
mORF_-_2424807	2424807	2424821	-	4	15	TTG	TGA	0	0	
mORF_-_2424858	2424858	2424863	-	4	6	GTG	TAA	0	0	
mORF_-_2424864	2424864	2424929	-	4	66	ATG	TAA	0	0	
mORF_-_2424887	2424887	2424895	-	6	9	TTG	TGA	0	0	
mORF_-_2424929	2424929	2424976	-	6	48	TTG	TAA	0	0	
mORF_-_2424939	2424939	2425001	-	4	63	ATG	TAA	0	0	
mORF_-_2424952	2424952	2424963	-	5	12	GTG	TGA	0	0	
mORF_-_2424998	2424998	2425006	-	6	9	ATG	TGA	0	0	
mORF_-_2425006	2425006	2425107	-	5	102	TTG	TGA	0	0	
mORF_-_2425031	2425031	2425813	-	6	783	ATG	TGA	60	923	pORF_-_2425031
mORF_-_2425129	2425129	2425143	-	5	15	ATG	TGA	0	0	
mORF_-_2425156	2425156	2425173	-	5	18	GTG	TAG	0	0	
mORF_-_2425192	2425192	2425410	-	5	219	ATG	TAA	0	0	
mORF_-_2425420	2425420	2425464	-	5	45	TTG	TGA	0	0	
mORF_-_2425465	2425465	2425506	-	5	42	TTG	TGA	0	0	
mORF_-_2425582	2425582	2425605	-	5	24	TTG	TGA	0	0	
mORF_-_2425596	2425596	2425637	-	4	42	GTG	TGA	0	0	
mORF_-_2425618	2425618	2425752	-	5	135	ATG	TGA	0	0	
mORF_-_2425680	2425680	2425826	-	4	147	TTG	TAA	1	34	pORF_-_2425680
mORF_-_2425823	2425823	2425918	-	6	96	ATG	TGA	0	0	
mORF_-_2425879	2425879	2426070	-	5	192	TTG	TGA	0	0	
mORF_-_2425890	2425890	2425922	-	4	33	TTG	TAA	0	0	
mORF_-_2425934	2425934	2426101	-	6	168	TTG	TAA	0	0	
mORF_-_2425950	2425950	2426021	-	4	72	TTG	TAA	0	0	
mORF_-_2426079	2426079	2426648	-	4	570	ATG	TAA	2	4	pORF_-_2426079
mORF_-_2426120	2426120	2426143	-	6	24	GTG	TAA	0	0	
mORF_-_2426162	2426162	2426173	-	6	12	TTG	TGA	0	0	
mORF_-_2426216	2426216	2426224	-	6	9	GTG	TGA	0	0	
mORF_-_2426261	2426261	2426281	-	6	21	GTG	TAG	0	0	
mORF_-_2426312	2426312	2426332	-	6	21	GTG	TGA	0	0	
mORF_-_2426336	2426336	2426365	-	6	30	TTG	TGA	0	0	
mORF_-_2426399	2426399	2426470	-	6	72	ATG	TGA	0	0	
mORF_-_2426543	2426543	2426620	-	6	78	GTG	TGA	0	0	

mORF_-_2426630	2426630	2426635	-	6	6	TTG	TAG	0	0	
mORF_-_2426663	2426663	2426746	-	6	84	ATG	TGA	0	0	
mORF_-_2426709	2426709	2426891	-	4	183	TTG	TGA	1	6	pORF_-_2426709
mORF_-_2426743	2426743	2428260	-	5	1518	ATG	TGA	68	548	pORF_-_2426743
mORF_-_2426846	2426846	2426887	-	6	42	ATG	TGA	0	0	
mORF_-_2426955	2426955	2426993	-	4	39	TTG	TGA	0	0	
mORF_-_2427012	2427012	2427206	-	4	195	ATG	TGA	0	0	
mORF_-_2427207	2427207	2427341	-	4	135	GTG	TGA	0	0	
mORF_-_2427338	2427338	2427391	-	6	54	ATG	TGA	0	0	
mORF_-_2427363	2427363	2427401	-	4	39	TTG	TGA	0	0	
mORF_-_2427429	2427429	2427605	-	4	177	TTG	TGA	0	0	
mORF_-_2427494	2427494	2427505	-	6	12	GTG	TGA	0	0	
mORF_-_2427524	2427524	2427532	-	6	9	ATG	TGA	0	0	
mORF_-_2427624	2427624	2427722	-	4	99	TTG	TAG	0	0	
mORF_-_2427741	2427741	2427758	-	4	18	ATG	TGA	0	0	
mORF_-_2427771	2427771	2427914	-	4	144	TTG	TAA	0	0	
mORF_-_2427945	2427945	2428100	-	4	156	ATG	TGA	0	0	
mORF_-_2428104	2428104	2428148	-	4	45	ATG	TGA	0	0	
mORF_-_2428149	2428149	2428172	-	4	24	ATG	TAG	0	0	
mORF_-_2428197	2428197	2428340	-	4	144	TTG	TAA	0	0	
mORF_-_2428220	2428220	2428258	-	6	39	GTG	TAA	0	0	
mORF_-_2428276	2428276	2428284	-	5	9	GTG	TAA	0	0	
mORF_-_2428288	2428288	2428296	-	5	9	GTG	TGA	0	0	
mORF_-_2428297	2428297	2428785	-	5	489	ATG	TAA	0	0	
mORF_-_2428337	2428337	2428348	-	6	12	ATG	TGA	0	0	
mORF_-_2428374	2428374	2428451	-	4	78	TTG	TGA	0	0	
mORF_-_2428452	2428452	2428472	-	4	21	GTG	TGA	0	0	
mORF_-_2428545	2428545	2428559	-	4	15	TTG	TGA	0	0	
mORF_-_2428563	2428563	2428679	-	4	117	GTG	TGA	0	0	
mORF_-_2428619	2428619	2428687	-	6	69	ATG	TGA	0	0	
mORF_-_2428689	2428689	2428715	-	4	27	TTG	TGA	0	0	
mORF_-_2428725	2428725	2428751	-	4	27	TTG	TGA	0	0	
mORF_-_2428761	2428761	2428814	-	4	54	ATG	TAA	0	0	
mORF_-_2428801	2428801	2428938	-	5	138	ATG	TAA	0	0	
mORF_-_2428922	2428922	2429029	-	6	108	ATG	TAA	0	0	
mORF_-_2428989	2428989	2429036	-	4	48	TTG	TAG	0	0	
mORF_-_2429044	2429044	2429724	-	5	681	TTG	TAA	6	20	pORF_-_2429044
mORF_-_2429064	2429064	2429075	-	4	12	GTG	TAA	0	0	
mORF_-_2429094	2429094	2429102	-	4	9	GTG	TGA	0	0	
mORF_-_2429115	2429115	2429234	-	4	120	ATG	TGA	0	0	
mORF_-_2429235	2429235	2429249	-	4	15	ATG	TGA	0	0	
mORF_-_2429253	2429253	2429474	-	4	222	GTG	TGA	0	0	
mORF_-_2429541	2429541	2429645	-	4	105	TTG	TGA	0	0	
mORF_-_2429696	2429696	2430964	-	6	1269	ATG	TAA	17	79	pORF_-_2429696
mORF_-_2429721	2429721	2429765	-	4	45	GTG	TGA	0	0	
mORF_-_2429725	2429725	2429919	-	5	195	TTG	TGA	0	0	
mORF_-_2429787	2429787	2429813	-	4	27	ATG	TAA	0	0	
mORF_-_2429856	2429856	2429906	-	4	51	TTG	TGA	0	0	
mORF_-_2429929	2429929	2429964	-	5	36	ATG	TGA	0	0	
mORF_-_2430013	2430013	2430063	-	5	51	TTG	TGA	0	0	
mORF_-_2430085	2430085	2430459	-	5	375	TTG	TGA	0	0	
mORF_-_2430261	2430261	2430287	-	4	27	GTG	TGA	0	0	
mORF_-_2430469	2430469	2430492	-	5	24	TTG	TAG	0	0	
mORF_-_2430535	2430535	2430546	-	5	12	TTG	TGA	0	0	
mORF_-_2430543	2430543	2430569	-	4	27	GTG	TGA	0	0	
mORF_-_2430601	2430601	2430684	-	5	84	GTG	TGA	0	0	
mORF_-_2430751	2430751	2430816	-	5	66	TTG	TGA	0	0	
mORF_-_2430829	2430829	2430840	-	5	12	TTG	TGA	0	0	
mORF_-_2430859	2430859	2430870	-	5	12	TTG	TGA	0	0	
mORF_-_2430888	2430888	2430920	-	4	33	GTG	TAA	0	0	
mORF_-_2430981	2430981	2430998	-	4	18	TTG	TAA	0	0	
mORF_-_2431034	2431034	2432032	-	6	999	ATG	TGA	46	1144	pORF_-_2431034
mORF_-_2431072	2431072	2431083	-	5	12	GTG	TAG	0	0	

mORF_-_2431195	2431195	2431269	-	5	75	TTG	TGA	0	0	
mORF_-_2431276	2431276	2431335	-	5	60	GTG	TAA	0	0	
mORF_-_2431435	2431435	2431461	-	5	27	GTG	TGA	0	0	
mORF_-_2431480	2431480	2431602	-	5	123	ATG	TGA	0	0	
mORF_-_2431618	2431618	2431692	-	5	75	GTG	TGA	0	0	
mORF_-_2431699	2431699	2431752	-	5	54	ATG	TGA	0	0	
mORF_-_2431783	2431783	2431938	-	5	156	TTG	TGA	0	0	
mORF_-_2431800	2431800	2431805	-	4	6	GTG	TGA	0	0	
mORF_-_2431866	2431866	2431871	-	4	6	GTG	TGA	0	0	
mORF_-_2431872	2431872	2431880	-	4	9	GTG	TAA	0	0	
mORF_-_2431935	2431935	2432045	-	4	111	ATG	TGA	0	0	
mORF_-_2431987	2431987	2432043	-	5	57	GTG	TAA	0	0	
mORF_-_2432045	2432045	2432053	-	6	9	ATG	TAA	0	0	
mORF_-_2432104	2432104	2432763	-	5	660	ATG	TAA	0	0	
mORF_-_2432142	2432142	2432177	-	4	36	TTG	TAA	0	0	
mORF_-_2432204	2432204	2432266	-	6	63	GTG	TAA	0	0	
mORF_-_2432280	2432280	2432516	-	4	237	TTG	TGA	0	0	
mORF_-_2432544	2432544	2432612	-	4	69	GTG	TGA	0	0	
mORF_-_2432628	2432628	2432648	-	4	21	GTG	TAA	0	0	
mORF_-_2432658	2432658	2432723	-	4	66	TTG	TAA	0	0	
mORF_-_2432754	2432754	2432789	-	4	36	ATG	TGA	0	0	
mORF_-_2432770	2432770	2432892	-	5	123	ATG	TAG	0	0	
mORF_-_2432793	2432793	2432837	-	4	45	ATG	TGA	0	0	
mORF_-_2432846	2432846	2433658	-	6	813	ATG	TAA	4	9	pORF_-_2432846
mORF_-_2432986	2432986	2433015	-	5	30	GTG	TAG	0	0	
mORF_-_2433025	2433025	2433069	-	5	45	ATG	TGA	0	0	
mORF_-_2433082	2433082	2433183	-	5	102	ATG	TAG	0	0	
mORF_-_2433114	2433114	2433155	-	4	42	GTG	TAA	0	0	
mORF_-_2433180	2433180	2433200	-	4	21	ATG	TGA	0	0	
mORF_-_2433262	2433262	2433396	-	5	135	ATG	TGA	0	0	
mORF_-_2433357	2433357	2433365	-	4	9	TTG	TAA	0	0	
mORF_-_2433378	2433378	2433413	-	4	36	GTG	TGA	0	0	
mORF_-_2433397	2433397	2433624	-	5	228	TTG	TAA	2	88	pORF_-_2433397
mORF_-_2433658	2433658	2434671	-	5	1014	ATG	TAA	35	317	pORF_-_2433658
mORF_-_2433705	2433705	2433821	-	4	117	GTG	TGA	0	0	
mORF_-_2433822	2433822	2433941	-	4	120	ATG	TAG	0	0	
mORF_-_2433984	2433984	2434145	-	4	162	GTG	TGA	0	0	
mORF_-_2434115	2434115	2434402	-	6	288	TTG	TGA	0	0	
mORF_-_2434155	2434155	2434163	-	4	9	ATG	TAG	0	0	
mORF_-_2434272	2434272	2434298	-	4	27	ATG	TGA	0	0	
mORF_-_2434317	2434317	2434325	-	4	9	TTG	TGA	0	0	
mORF_-_2434332	2434332	2434382	-	4	51	GTG	TAA	0	0	
mORF_-_2434392	2434392	2434652	-	4	261	TTG	TGA	0	0	
mORF_-_2434664	2434664	2434807	-	6	144	GTG	TGA	0	0	
mORF_-_2434678	2434678	2434695	-	5	18	TTG	TAA	0	0	
mORF_-_2434737	2434737	2435873	-	4	1137	GTG	TAA	40	371	pORF_-_2434737
mORF_-_2434774	2434774	2434779	-	5	6	GTG	TAA	0	0	
mORF_-_2434804	2434804	2434830	-	5	27	ATG	TGA	0	0	
mORF_-_2434811	2434811	2434924	-	6	114	ATG	TAA	0	0	
mORF_-_2434946	2434946	2435062	-	6	117	TTG	TGA	0	0	
mORF_-_2435138	2435138	2435179	-	6	42	ATG	TGA	0	0	
mORF_-_2435192	2435192	2435209	-	6	18	ATG	TAA	0	0	
mORF_-_2435219	2435219	2435251	-	6	33	GTG	TGA	0	0	
mORF_-_2435294	2435294	2435335	-	6	42	ATG	TGA	0	0	
mORF_-_2435381	2435381	2435419	-	6	39	GTG	TAG	0	0	
mORF_-_2435410	2435410	2435442	-	5	33	TTG	TGA	0	0	
mORF_-_2435459	2435459	2435557	-	6	99	TTG	TAG	0	0	
mORF_-_2435561	2435561	2435629	-	6	69	TTG	TGA	0	0	
mORF_-_2435602	2435602	2435649	-	5	48	ATG	TAA	0	0	
mORF_-_2435642	2435642	2435725	-	6	84	ATG	TGA	0	0	
mORF_-_2435750	2435750	2435758	-	6	9	ATG	TGA	0	0	
mORF_-_2435807	2435807	2435863	-	6	57	TTG	TGA	0	0	
mORF_-_2435870	2435870	2436007	-	6	138	TTG	TGA	0	0	

mORF_-_2435901	2435901	2435939	-	4	39	ATG	TAA	0	0	
mORF_-_2435982	2435982	2436110	-	4	129	GTG	TAG	0	0	
mORF_-_2436016	2436016	2436048	-	5	33	TTG	TGA	0	0	
mORF_-_2436056	2436056	2436070	-	6	15	TTG	TAA	0	0	
mORF_-_2436107	2436107	2436154	-	6	48	GTG	TGA	0	0	
mORF_-_2436147	2436147	2436179	-	4	33	GTG	TGA	0	0	
mORF_-_2436176	2436176	2436253	-	6	78	ATG	TGA	0	0	
mORF_-_2436269	2436269	2436277	-	6	9	TTG	TAA	0	0	
mORF_-_2436290	2436290	2436337	-	6	48	ATG	TAA	0	0	
mORF_-_2436310	2436310	2436321	-	5	12	GTG	TGA	0	0	
mORF_-_2436318	2436318	2436371	-	4	54	GTG	TGA	0	0	
mORF_-_2436361	2436361	2436534	-	5	174	TTG	TGA	0	0	
mORF_-_2436368	2436368	2436379	-	6	12	TTG	TGA	0	0	
mORF_-_2436380	2436380	2436430	-	6	51	TTG	TAA	0	0	
mORF_-_2436420	2436420	2436518	-	4	99	TTG	TAA	0	0	
mORF_-_2436464	2436464	2436478	-	6	15	GTG	TAA	0	0	
mORF_-_2436485	2436485	2436547	-	6	63	TTG	TAG	0	0	
mORF_-_2436584	2436584	2436610	-	6	27	ATG	TAA	0	0	
mORF_-_2436603	2436603	2436767	-	4	165	ATG	TAA	0	0	
mORF_-_2436641	2436641	2436652	-	6	12	TTG	TAG	0	0	
mORF_-_2436686	2436686	2436694	-	6	9	TTG	TAG	0	0	
mORF_-_2436722	2436722	2436763	-	6	42	TTG	TAA	0	0	
mORF_-_2436764	2436764	2436892	-	6	129	TTG	TGA	0	0	
mORF_-_2436811	2436811	2436885	-	5	75	GTG	TGA	0	0	
mORF_-_2436858	2436858	2436902	-	4	45	TTG	TAA	0	0	
mORF_-_2436936	2436936	2437049	-	4	114	TTG	TAA	0	0	
mORF_-_2436964	2436964	2438142	-	5	1179	ATG	TAA	0	0	
mORF_-_2437157	2437157	2437510	-	6	354	GTG	TAA	0	0	
mORF_-_2437224	2437224	2437241	-	4	18	GTG	TAG	0	0	
mORF_-_2437278	2437278	2437295	-	4	18	TTG	TAG	0	0	
mORF_-_2437305	2437305	2437337	-	4	33	TTG	TGA	0	0	
mORF_-_2437350	2437350	2437454	-	4	105	TTG	TGA	0	0	
mORF_-_2437473	2437473	2437613	-	4	141	TTG	TAG	0	0	
mORF_-_2437559	2437559	2437570	-	6	12	GTG	TAA	0	0	
mORF_-_2437625	2437625	2437690	-	6	66	ATG	TAG	0	0	
mORF_-_2437632	2437632	2437667	-	4	36	GTG	TGA	0	0	
mORF_-_2437752	2437752	2437778	-	4	27	TTG	TGA	0	0	
mORF_-_2437766	2437766	2437873	-	6	108	TTG	TGA	1	2	pORF_-_2437766
mORF_-_2437782	2437782	2437871	-	4	90	GTG	TGA	0	0	
mORF_-_2437875	2437875	2437940	-	4	66	GTG	TAG	0	0	
mORF_-_2437944	2437944	2438021	-	4	78	TTG	TGA	0	0	
mORF_-_2438009	2438009	2438146	-	6	138	ATG	TGA	0	0	
mORF_-_2438055	2438055	2438078	-	4	24	TTG	TGA	0	0	
mORF_-_2438139	2438139	2438189	-	4	51	ATG	TGA	0	0	
mORF_-_2438146	2438146	2438166	-	5	21	TTG	TAA	0	0	
mORF_-_2438226	2438226	2438318	-	4	93	ATG	TAA	0	0	
mORF_-_2438243	2438243	2438260	-	6	18	TTG	TGA	0	0	
mORF_-_2438318	2438318	2438353	-	6	36	ATG	TGA	0	0	
mORF_-_2438407	2438407	2439627	-	5	1221	ATG	TAA	97	2821	pORF_-_2438407
mORF_-_2438514	2438514	2438546	-	4	33	TTG	TGA	0	0	
mORF_-_2438637	2438637	2438687	-	4	51	GTG	TGA	0	0	
mORF_-_2438706	2438706	2438717	-	4	12	TTG	TGA	0	0	
mORF_-_2438742	2438742	2438771	-	4	30	ATG	TGA	0	0	
mORF_-_2438784	2438784	2438909	-	4	126	TTG	TGA	0	0	
mORF_-_2438913	2438913	2439071	-	4	159	TTG	TAG	0	0	
mORF_-_2438999	2438999	2439049	-	6	51	GTG	TAA	0	0	
mORF_-_2439105	2439105	2439242	-	4	138	TTG	TAG	0	0	
mORF_-_2439113	2439113	2439142	-	6	30	GTG	TAA	0	0	
mORF_-_2439249	2439249	2439323	-	4	75	TTG	TGA	0	0	
mORF_-_2439324	2439324	2439407	-	4	84	ATG	TGA	0	0	
mORF_-_2439423	2439423	2439449	-	4	27	TTG	TGA	0	0	
mORF_-_2439510	2439510	2439596	-	4	87	TTG	TGA	0	0	
mORF_-_2439578	2439578	2439712	-	6	135	ATG	TAA	0	0	

mORF_-_2439612	2439612	2439620	-	4	9	GTG	TGA	0	0	
mORF_-_2439624	2439624	2439698	-	4	75	TTG	TGA	0	0	
mORF_-_2439628	2439628	2439651	-	5	24	ATG	TGA	0	0	
mORF_-_2439705	2439705	2439926	-	4	222	TTG	TGA	1	2	pORF_-_2439705
mORF_-_2439713	2439713	2439745	-	6	33	ATG	TAA	0	0	
mORF_-_2439736	2439736	2439741	-	5	6	GTG	TAA	0	0	
mORF_-_2439748	2439748	2439762	-	5	15	GTG	TAG	0	0	
mORF_-_2439794	2439794	2439814	-	6	21	TTG	TAG	0	0	
mORF_-_2439823	2439823	2440023	-	5	201	ATG	TAA	0	0	
mORF_-_2439866	2439866	2439877	-	6	12	TTG	TAG	0	0	
mORF_-_2439902	2439902	2439991	-	6	90	GTG	TAA	0	0	
mORF_-_2439927	2439927	2439956	-	4	30	ATG	TAA	0	0	
mORF_-_2440011	2440011	2440058	-	4	48	TTG	TAG	0	0	
mORF_-_2440028	2440028	2440102	-	6	75	GTG	TGA	0	0	
mORF_-_2440059	2440059	2440064	-	4	6	TTG	TAA	0	0	
mORF_-_2440068	2440068	2440073	-	4	6	ATG	TAA	0	0	
mORF_-_2440099	2440099	2440182	-	5	84	TTG	TGA	0	0	
mORF_-_2440119	2440119	2440202	-	4	84	ATG	TAA	0	0	
mORF_-_2440239	2440239	2440274	-	4	36	TTG	TAA	0	0	
mORF_-_2440287	2440287	2440469	-	4	183	TTG	TAG	0	0	
mORF_-_2440292	2440292	2440576	-	6	285	TTG	TGA	0	0	
mORF_-_2440366	2440366	2440413	-	5	48	ATG	TAA	0	0	
mORF_-_2440459	2440459	2440527	-	5	69	ATG	TGA	0	0	
mORF_-_2440591	2440591	2440686	-	5	96	GTG	TAA	1	2	pORF_-_2440591
mORF_-_2440661	2440661	2440735	-	6	75	TTG	TAA	0	0	
mORF_-_2440728	2440728	2440739	-	4	12	GTG	TAA	0	0	
mORF_-_2440749	2440749	2440802	-	4	54	TTG	TAG	0	0	
mORF_-_2440803	2440803	2440823	-	4	21	ATG	TAA	0	0	
mORF_-_2440820	2440820	2440978	-	6	159	ATG	TGA	0	0	
mORF_-_2440837	2440837	2440932	-	5	96	TTG	TGA	0	0	
mORF_-_2440845	2440845	2440871	-	4	27	ATG	TAA	0	0	
mORF_-_2440899	2440899	2441072	-	4	174	TTG	TAA	0	0	
mORF_-_2440948	2440948	2440965	-	5	18	TTG	TAA	0	0	
mORF_-_2440978	2440978	2441145	-	5	168	GTG	TAA	0	0	
mORF_-_2441088	2441088	2441504	-	4	417	ATG	TAA	0	0	
mORF_-_2441233	2441233	2441250	-	5	18	TTG	TGA	0	0	
mORF_-_2441294	2441294	2441302	-	6	9	GTG	TAA	0	0	
mORF_-_2441299	2441299	2441442	-	5	144	TTG	TGA	0	0	
mORF_-_2441387	2441387	2441494	-	6	108	GTG	TGA	0	0	
mORF_-_2441455	2441455	2441544	-	5	90	GTG	TGA	0	0	
mORF_-_2441501	2441501	2441521	-	6	21	TTG	TGA	0	0	
mORF_-_2441779	2441779	2441949	-	5	171	GTG	TAA	0	0	
mORF_-_2441841	2441841	2441885	-	4	45	ATG	TAG	0	0	
mORF_-_2441885	2441885	2441911	-	6	27	TTG	TGA	0	0	
mORF_-_2441913	2441913	2442191	-	4	279	ATG	TAA	10	53	pORF_-_2441913
mORF_-_2441957	2441957	2442061	-	6	105	GTG	TGA	0	0	
mORF_-_2442086	2442086	2442142	-	6	57	TTG	TGA	0	0	
mORF_-_2442155	2442155	2442178	-	6	24	TTG	TAA	0	0	
mORF_-_2442175	2442175	2442246	-	5	72	GTG	TGA	0	0	
mORF_-_2442188	2442188	2442331	-	6	144	ATG	TGA	0	0	
mORF_-_2442225	2442225	2442959	-	4	735	TTG	TGA	0	0	
mORF_-_2442298	2442298	2442417	-	5	120	TTG	TAA	0	0	
mORF_-_2442347	2442347	2442448	-	6	102	GTG	TGA	0	0	
mORF_-_2442476	2442476	2442658	-	6	183	ATG	TGA	0	0	
mORF_-_2442490	2442490	2442531	-	5	42	TTG	TGA	0	0	
mORF_-_2442556	2442556	2442582	-	5	27	GTG	TGA	0	0	
mORF_-_2442695	2442695	2442742	-	6	48	TTG	TGA	0	0	
mORF_-_2442773	2442773	2443582	-	6	810	ATG	TAA	0	0	
mORF_-_2442778	2442778	2442834	-	5	57	GTG	TGA	0	0	
mORF_-_2442838	2442838	2442858	-	5	21	TTG	TGA	0	0	
mORF_-_2442889	2442889	2442945	-	5	57	TTG	TGA	0	0	
mORF_-_2442961	2442961	2443137	-	5	177	GTG	TGA	0	0	
mORF_-_2443050	2443050	2443061	-	4	12	GTG	TAA	0	0	

mORF_-_2443144	2443144	2443191	-	5	48	GTG	TAA	0	0	
mORF_-_2443188	2443188	2443229	-	4	42	TTG	TGA	0	0	
mORF_-_2443231	2443231	2443263	-	5	33	ATG	TAA	0	0	
mORF_-_2443297	2443297	2443311	-	5	15	TTG	TGA	0	0	
mORF_-_2443342	2443342	2443428	-	5	87	ATG	TAA	0	0	
mORF_-_2443453	2443453	2443524	-	5	72	TTG	TGA	0	0	
mORF_-_2443582	2443582	2444406	-	5	825	ATG	TAA	2	42	pORF_-_2443582
mORF_-_2443587	2443587	2443877	-	4	291	TTG	TGA	0	0	
mORF_-_2443676	2443676	2443705	-	6	30	TTG	TGA	0	0	
mORF_-_2443736	2443736	2443741	-	6	6	GTG	TGA	0	0	
mORF_-_2443748	2443748	2443762	-	6	15	TTG	TAG	0	0	
mORF_-_2443841	2443841	2443849	-	6	9	TTG	TGA	0	0	
mORF_-_2443871	2443871	2443942	-	6	72	GTG	TAA	0	0	
mORF_-_2443917	2443917	2443955	-	4	39	TTG	TGA	0	0	
mORF_-_2443977	2443977	2444123	-	4	147	TTG	TAG	0	0	
mORF_-_2444181	2444181	2444282	-	4	102	ATG	TGA	0	0	
mORF_-_2444309	2444309	2444341	-	6	33	GTG	TAG	0	0	
mORF_-_2444328	2444328	2444390	-	4	63	TTG	TAA	0	0	
mORF_-_2444410	2444410	2445498	-	5	1089	GTG	TAA	35	535	pORF_-_2444410
mORF_-_2444433	2444433	2444444	-	4	12	ATG	TGA	0	0	
mORF_-_2444475	2444475	2444528	-	4	54	GTG	TAA	0	0	
mORF_-_2444553	2444553	2444573	-	4	21	TTG	TGA	0	0	
mORF_-_2444619	2444619	2444762	-	4	144	TTG	TGA	0	0	
mORF_-_2444793	2444793	2444870	-	4	78	TTG	TGA	0	0	
mORF_-_2444879	2444879	2444959	-	6	81	TTG	TAA	0	0	
mORF_-_2444907	2444907	2444915	-	4	9	GTG	TGA	0	0	
mORF_-_2445024	2445024	2445209	-	4	186	GTG	TGA	0	0	
mORF_-_2445243	2445243	2445368	-	4	126	ATG	TGA	0	0	
mORF_-_2445387	2445387	2445413	-	4	27	ATG	TGA	0	0	
mORF_-_2445459	2445459	2445479	-	4	21	TTG	TAA	0	0	
mORF_-_2445526	2445526	2445684	-	5	159	GTG	TAA	0	0	
mORF_-_2445530	2445530	2446795	-	6	1266	ATG	TAA	19	113	pORF_-_2445530
mORF_-_2445681	2445681	2445686	-	4	6	TTG	TGA	0	0	
mORF_-_2445688	2445688	2445708	-	5	21	TTG	TGA	0	0	
mORF_-_2445748	2445748	2445852	-	5	105	TTG	TGA	0	0	
mORF_-_2445919	2445919	2446020	-	5	102	TTG	TGA	0	0	
mORF_-_2446035	2446035	2446046	-	4	12	GTG	TAG	0	0	
mORF_-_2446051	2446051	2446089	-	5	39	TTG	TAG	0	0	
mORF_-_2446102	2446102	2446158	-	5	57	ATG	TGA	0	0	
mORF_-_2446155	2446155	2446172	-	4	18	GTG	TGA	0	0	
mORF_-_2446183	2446183	2446209	-	5	27	ATG	TGA	0	0	
mORF_-_2446222	2446222	2446236	-	5	15	TTG	TGA	0	0	
mORF_-_2446258	2446258	2446335	-	5	78	ATG	TGA	0	0	
mORF_-_2446332	2446332	2446340	-	4	9	GTG	TGA	0	0	
mORF_-_2446390	2446390	2446431	-	5	42	ATG	TGA	0	0	
mORF_-_2446432	2446432	2446533	-	5	102	ATG	TAA	0	0	
mORF_-_2446455	2446455	2446487	-	4	33	TTG	TAA	0	0	
mORF_-_2446500	2446500	2446511	-	4	12	ATG	TAG	0	0	
mORF_-_2446534	2446534	2446713	-	5	180	GTG	TGA	0	0	
mORF_-_2446608	2446608	2446646	-	4	39	GTG	TAA	0	0	
mORF_-_2446823	2446823	2446870	-	6	48	ATG	TAA	0	0	
mORF_-_2446863	2446863	2447105	-	4	243	TTG	TGA	0	0	
mORF_-_2446900	2446900	2446953	-	5	54	TTG	TAA	0	0	
mORF_-_2446925	2446925	2447095	-	6	171	ATG	TAA	0	0	
mORF_-_2447243	2447243	2447260	-	6	18	ATG	TAG	0	0	
mORF_-_2447250	2447250	2448086	-	4	837	TTG	TAG	0	0	
mORF_-_2447257	2447257	2447283	-	5	27	TTG	TGA	0	0	
mORF_-_2447261	2447261	2447320	-	6	60	GTG	TGA	0	0	
mORF_-_2447351	2447351	2447395	-	6	45	GTG	TAA	0	0	
mORF_-_2447392	2447392	2447397	-	5	6	ATG	TGA	0	0	
mORF_-_2447417	2447417	2447455	-	6	39	ATG	TGA	0	0	
mORF_-_2447452	2447452	2447475	-	5	24	GTG	TGA	0	0	
mORF_-_2447456	2447456	2447485	-	6	30	ATG	TGA	0	0	

mORF_-_2447492	2447492	2447590	-	6	99	ATG	TGA	0	0
mORF_-_2447572	2447572	2447580	-	5	9	ATG	TGA	0	0
mORF_-_2447587	2447587	2447616	-	5	30	TTG	TGA	0	0
mORF_-_2447648	2447648	2447677	-	6	30	ATG	TGA	0	0
mORF_-_2447674	2447674	2447700	-	5	27	TTG	TGA	0	0
mORF_-_2447678	2447678	2447815	-	6	138	TTG	TGA	0	0
mORF_-_2447737	2447737	2447784	-	5	48	TTG	TGA	0	0
mORF_-_2447816	2447816	2447848	-	6	33	GTG	TGA	0	0
mORF_-_2447821	2447821	2447889	-	5	69	ATG	TAA	0	0
mORF_-_2447855	2447855	2447860	-	6	6	ATG	TGA	0	0
mORF_-_2447879	2447879	2447911	-	6	33	TTG	TGA	0	0
mORF_-_2447939	2447939	2448031	-	6	93	TTG	TAA	0	0
mORF_-_2447998	2447998	2448057	-	5	60	ATG	TAG	0	0
mORF_-_2448073	2448073	2448612	-	5	540	ATG	TAA	0	0
mORF_-_2448096	2448096	2448116	-	4	21	GTG	TAA	0	0
mORF_-_2448123	2448123	2448182	-	4	60	ATG	TGA	0	0
mORF_-_2448173	2448173	2448367	-	6	195	TTG	TAA	0	0
mORF_-_2448186	2448186	2448254	-	4	69	TTG	TAA	0	0
mORF_-_2448384	2448384	2448413	-	4	30	TTG	TAG	0	0
mORF_-_2448417	2448417	2448485	-	4	69	GTG	TGA	0	0
mORF_-_2448570	2448570	2448587	-	4	18	GTG	TAG	0	0
mORF_-_2448609	2448609	2449097	-	4	489	ATG	TGA	0	0
mORF_-_2448659	2448659	2448673	-	6	15	GTG	TAA	0	0
mORF_-_2448680	2448680	2448820	-	6	141	ATG	TAA	0	0
mORF_-_2448820	2448820	2448864	-	5	45	TTG	TAA	0	0
mORF_-_2448854	2448854	2449048	-	6	195	ATG	TGA	0	0
mORF_-_2448886	2448886	2448891	-	5	6	TTG	TGA	0	0
mORF_-_2449052	2449052	2449069	-	6	18	GTG	TAG	0	0
mORF_-_2449060	2449060	2449071	-	5	12	TTG	TAG	0	0
mORF_-_2449094	2449094	2449606	-	6	513	ATG	TGA	0	0
mORF_-_2449117	2449117	2449146	-	5	30	TTG	TGA	0	0
mORF_-_2449180	2449180	2449236	-	5	57	TTG	TGA	0	0
mORF_-_2449261	2449261	2449359	-	5	99	TTG	TAG	0	0
mORF_-_2449375	2449375	2449428	-	5	54	TTG	TGA	0	0
mORF_-_2449444	2449444	2449482	-	5	39	ATG	TAG	0	0
mORF_-_2449501	2449501	2449548	-	5	48	GTG	TAA	0	0
mORF_-_2449539	2449539	2449685	-	4	147	TTG	TAG	0	0
mORF_-_2449573	2449573	2449578	-	5	6	TTG	TAG	0	0
mORF_-_2449606	2449606	2450358	-	5	753	ATG	TGA	0	0
mORF_-_2449628	2449628	2449657	-	6	30	GTG	TGA	0	0
mORF_-_2449725	2449725	2449730	-	4	6	ATG	TGA	0	0
mORF_-_2449731	2449731	2449805	-	4	75	GTG	TGA	0	0
mORF_-_2449841	2449841	2449894	-	6	54	GTG	TAA	0	0
mORF_-_2449902	2449902	2450033	-	4	132	GTG	TGA	0	0
mORF_-_2450127	2450127	2450165	-	4	39	TTG	TAA	0	0
mORF_-_2450214	2450214	2450240	-	4	27	ATG	TGA	0	0
mORF_-_2450300	2450300	2450344	-	6	45	TTG	TAG	0	0
mORF_-_2450319	2450319	2450327	-	4	9	GTG	TGA	0	0
mORF_-_2450351	2450351	2450365	-	6	15	ATG	TGA	0	0
mORF_-_2450362	2450362	2450376	-	5	15	GTG	TGA	0	0
mORF_-_2450378	2450378	2451274	-	6	897	ATG	TAA	0	0
mORF_-_2450452	2450452	2450583	-	5	132	GTG	TAA	0	0
mORF_-_2450487	2450487	2450498	-	4	12	ATG	TAA	0	0
mORF_-_2450514	2450514	2450558	-	4	45	TTG	TAA	0	0
mORF_-_2450602	2450602	2450664	-	5	63	ATG	TGA	0	0
mORF_-_2450668	2450668	2450763	-	5	96	TTG	TAA	0	0
mORF_-_2450776	2450776	2450958	-	5	183	TTG	TAA	0	0
mORF_-_2450959	2450959	2451147	-	5	189	GTG	TGA	0	0
mORF_-_2451160	2451160	2451315	-	5	156	ATG	TGA	0	0
mORF_-_2451246	2451246	2451269	-	4	24	GTG	TAG	0	0
mORF_-_2451287	2451287	2453023	-	6	1737	ATG	TAG	0	0
mORF_-_2451346	2451346	2451543	-	5	198	ATG	TGA	0	0
mORF_-_2451562	2451562	2451624	-	5	63	TTG	TGA	0	0

mORF_-_2451640	2451640	2451873	-	5	234	ATG	TGA	0	0	
mORF_-_2451843	2451843	2451884	-	4	42	GTG	TGA	0	0	
mORF_-_2451901	2451901	2452032	-	5	132	TTG	TGA	0	0	
mORF_-_2452078	2452078	2452083	-	5	6	GTG	TGA	0	0	
mORF_-_2452102	2452102	2452203	-	5	102	ATG	TGA	0	0	
mORF_-_2452206	2452206	2452310	-	4	105	ATG	TAA	0	0	
mORF_-_2452264	2452264	2452527	-	5	264	ATG	TAA	0	0	
mORF_-_2452386	2452386	2452403	-	4	18	ATG	TGA	0	0	
mORF_-_2452524	2452524	2452532	-	4	9	TTG	TGA	0	0	
mORF_-_2452620	2452620	2452658	-	4	39	ATG	TAA	0	0	
mORF_-_2452651	2452651	2452665	-	5	15	ATG	TGA	0	0	
mORF_-_2452659	2452659	2452739	-	4	81	TTG	TAA	0	0	
mORF_-_2452702	2452702	2452710	-	5	9	TTG	TAA	0	0	
mORF_-_2452732	2452732	2452773	-	5	42	ATG	TGA	0	0	
mORF_-_2452813	2452813	2452851	-	5	39	ATG	TAA	0	0	
mORF_-_2452873	2452873	2452881	-	5	9	TTG	TGA	0	0	
mORF_-_2452897	2452897	2452977	-	5	81	TTG	TAA	0	0	
mORF_-_2452950	2452950	2452985	-	4	36	GTG	TAG	0	0	
mORF_-_2453016	2453016	2453066	-	4	51	ATG	TGA	0	0	
mORF_-_2453042	2453042	2453059	-	6	18	TTG	TAA	0	0	
mORF_-_2453056	2453056	2453163	-	5	108	ATG	TGA	0	0	
mORF_-_2453105	2453105	2453668	-	6	564	ATG	TAA	0	0	
mORF_-_2453236	2453236	2453325	-	5	90	GTG	TGA	0	0	
mORF_-_2453398	2453398	2453418	-	5	21	TTG	TGA	0	0	
mORF_-_2453415	2453415	2453426	-	4	12	TTG	TGA	0	0	
mORF_-_2453476	2453476	2453556	-	5	81	TTG	TGA	0	0	
mORF_-_2453505	2453505	2453543	-	4	39	GTG	TGA	0	0	
mORF_-_2453626	2453626	2453658	-	5	33	TTG	TGA	0	0	
mORF_-_2453661	2453661	2453774	-	4	114	TTG	TAA	0	0	
mORF_-_2453683	2453683	2453712	-	5	30	TTG	TAG	0	0	
mORF_-_2453693	2453693	2453707	-	6	15	ATG	TAA	0	0	
mORF_-_2453722	2453722	2453736	-	5	15	TTG	TGA	0	0	
mORF_-_2453726	2453726	2453845	-	6	120	TTG	TGA	0	0	
mORF_-_2453740	2453740	2453832	-	5	93	GTG	TAA	0	0	
mORF_-_2453907	2453907	2454053	-	4	147	GTG	TAA	0	0	
mORF_-_2453918	2453918	2454004	-	6	87	ATG	TAG	0	0	
mORF_-_2453983	2453983	2453997	-	5	15	TTG	TAA	0	0	
mORF_-_2454053	2454053	2454073	-	6	21	TTG	TAG	0	0	
mORF_-_2454066	2454066	2454080	-	4	15	TTG	TAA	0	0	
mORF_-_2454077	2454077	2454118	-	6	42	ATG	TGA	0	0	
mORF_-_2454127	2454127	2454165	-	5	39	ATG	TAA	0	0	
mORF_-_2454147	2454147	2454158	-	4	12	ATG	TGA	0	0	
mORF_-_2454162	2454162	2454335	-	4	174	ATG	TGA	0	0	
mORF_-_2454167	2454167	2454193	-	6	27	TTG	TGA	0	0	
mORF_-_2454242	2454242	2454304	-	6	63	TTG	TAA	0	0	
mORF_-_2454320	2454320	2454349	-	6	30	ATG	TAG	0	0	
mORF_-_2454349	2454349	2454834	-	5	486	ATG	TGA	2	8	pORF_-_2454349
mORF_-_2454374	2454374	2454379	-	6	6	GTG	TAA	0	0	
mORF_-_2454384	2454384	2454422	-	4	39	TTG	TGA	0	0	
mORF_-_2454419	2454419	2454478	-	6	60	ATG	TGA	0	0	
mORF_-_2454426	2454426	2454488	-	4	63	TTG	TAA	0	0	
mORF_-_2454519	2454519	2454545	-	4	27	ATG	TGA	0	0	
mORF_-_2454542	2454542	2454640	-	6	99	TTG	TGA	0	0	
mORF_-_2454549	2454549	2454584	-	4	36	ATG	TGA	0	0	
mORF_-_2454597	2454597	2454620	-	4	24	GTG	TAA	0	0	
mORF_-_2454735	2454735	2454758	-	4	24	ATG	TGA	0	0	
mORF_-_2454749	2454749	2454754	-	6	6	TTG	TGA	0	0	
mORF_-_2454765	2454765	2454794	-	4	30	ATG	TGA	0	0	
mORF_-_2454782	2454782	2454910	-	6	129	ATG	TGA	0	0	
mORF_-_2454874	2454874	2454924	-	5	51	ATG	TGA	0	0	
mORF_-_2454917	2454917	2454928	-	6	12	GTG	TAA	0	0	
mORF_-_2454947	2454947	2455006	-	6	60	ATG	TAA	0	0	
mORF_-_2454981	2454981	2454998	-	4	18	GTG	TAA	0	0	

mORF_-_2455007	2455007	2455021	-	6	15	ATG	TGA	0	0	
mORF_-_2455018	2455018	2455140	-	5	123	TTG	TGA	0	0	
mORF_-_2455037	2455037	2457181	-	6	2145	ATG	TAA	9	30	pORF_-_2455037
mORF_-_2455047	2455047	2455109	-	4	63	TTG	TGA	0	0	
mORF_-_2455150	2455150	2455299	-	5	150	ATG	TAA	0	0	
mORF_-_2455278	2455278	2455286	-	4	9	TTG	TGA	0	0	
mORF_-_2455296	2455296	2455319	-	4	24	GTG	TGA	0	0	
mORF_-_2455312	2455312	2455368	-	5	57	TTG	TGA	0	0	
mORF_-_2455369	2455369	2455446	-	5	78	ATG	TGA	0	0	
mORF_-_2455471	2455471	2455518	-	5	48	ATG	TGA	0	0	
mORF_-_2455564	2455564	2455572	-	5	9	ATG	TAG	0	0	
mORF_-_2455591	2455591	2455605	-	5	15	TTG	TAG	0	0	
mORF_-_2455612	2455612	2455626	-	5	15	TTG	TAG	0	0	
mORF_-_2455633	2455633	2455644	-	5	12	GTG	TAG	0	0	
mORF_-_2455651	2455651	2455671	-	5	21	ATG	TGA	0	0	
mORF_-_2455684	2455684	2455728	-	5	45	TTG	TAG	0	0	
mORF_-_2455759	2455759	2455953	-	5	195	TTG	TAA	0	0	
mORF_-_2455890	2455890	2455943	-	4	54	TTG	TGA	0	0	
mORF_-_2455975	2455975	2456004	-	5	30	TTG	TGA	0	0	
mORF_-_2456008	2456008	2456025	-	5	18	TTG	TGA	0	0	
mORF_-_2456053	2456053	2456073	-	5	21	GTG	TAA	0	0	
mORF_-_2456070	2456070	2456126	-	4	57	TTG	TGA	0	0	
mORF_-_2456134	2456134	2456142	-	5	9	ATG	TGA	0	0	
mORF_-_2456146	2456146	2456214	-	5	69	TTG	TAA	0	0	
mORF_-_2456193	2456193	2456198	-	4	6	TTG	TAA	0	0	
mORF_-_2456227	2456227	2456238	-	5	12	GTG	TGA	0	0	
mORF_-_2456257	2456257	2456280	-	5	24	GTG	TAA	0	0	
mORF_-_2456296	2456296	2456313	-	5	18	TTG	TGA	0	0	
mORF_-_2456347	2456347	2456385	-	5	39	ATG	TGA	0	0	
mORF_-_2456407	2456407	2456508	-	5	102	GTG	TAG	0	0	
mORF_-_2456512	2456512	2456625	-	5	114	ATG	TAG	0	0	
mORF_-_2456707	2456707	2456889	-	5	183	ATG	TGA	0	0	
mORF_-_2456793	2456793	2456849	-	4	57	TTG	TGA	0	0	
mORF_-_2456962	2456962	2457078	-	5	117	TTG	TGA	0	0	
mORF_-_2457097	2457097	2457153	-	5	57	ATG	TGA	0	0	
mORF_-_2457153	2457153	2457227	-	4	75	GTG	TAA	0	0	
mORF_-_2457181	2457181	2458491	-	5	1311	ATG	TAA	11	71	pORF_-_2457181
mORF_-_2457237	2457237	2457272	-	4	36	ATG	TAG	0	0	
mORF_-_2457288	2457288	2457455	-	4	168	TTG	TGA	0	0	
mORF_-_2457495	2457495	2457566	-	4	72	TTG	TGA	0	0	
mORF_-_2457645	2457645	2457662	-	4	18	ATG	TGA	0	0	
mORF_-_2457690	2457690	2457779	-	4	90	TTG	TAA	0	0	
mORF_-_2457788	2457788	2457844	-	6	57	ATG	TAA	1	3	pORF_-_2457788
mORF_-_2457813	2457813	2457857	-	4	45	GTG	TGA	0	0	
mORF_-_2457876	2457876	2457884	-	4	9	ATG	TAG	0	0	
mORF_-_2458032	2458032	2458127	-	4	96	TTG	TGA	0	0	
mORF_-_2458079	2458079	2458198	-	6	120	TTG	TAA	0	0	
mORF_-_2458152	2458152	2458232	-	4	81	ATG	TGA	0	0	
mORF_-_2458233	2458233	2458316	-	4	84	TTG	TGA	0	0	
mORF_-_2458371	2458371	2458496	-	4	126	GTG	TAG	0	0	
mORF_-_2458436	2458436	2458642	-	6	207	TTG	TAG	0	0	
mORF_-_2458554	2458554	2458559	-	4	6	ATG	TAA	0	0	
mORF_-_2458591	2458591	2458599	-	5	9	GTG	TAG	0	0	
mORF_-_2458672	2458672	2458980	-	5	309	GTG	TAA	7	16	pORF_-_2458672
mORF_-_2458695	2458695	2458745	-	4	51	GTG	TGA	0	0	
mORF_-_2458757	2458757	2458783	-	6	27	TTG	TGA	0	0	
mORF_-_2458811	2458811	2458924	-	6	114	TTG	TGA	0	0	
mORF_-_2458815	2458815	2458943	-	4	129	GTG	TGA	0	0	
mORF_-_2458943	2458943	2458948	-	6	6	ATG	TAG	0	0	
mORF_-_2458949	2458949	2458984	-	6	36	TTG	TAA	0	0	
mORF_-_2459041	2459041	2459292	-	5	252	ATG	TAA	0	0	
mORF_-_2459073	2459073	2459078	-	4	6	GTG	TGA	0	0	
mORF_-_2459079	2459079	2459132	-	4	54	TTG	TAA	0	0	

mORF_-_2459090	2459090	2459098	-	6	9	TTG	TAG	0	0
mORF_-_2459157	2459157	2459198	-	4	42	ATG	TAA	0	0
mORF_-_2459214	2459214	2459228	-	4	15	GTG	TAG	0	0
mORF_-_2459252	2459252	2459389	-	6	138	GTG	TGA	0	0
mORF_-_2459259	2459259	2459264	-	4	6	GTG	TAG	0	0
mORF_-_2459277	2459277	2459285	-	4	9	GTG	TAA	0	0
mORF_-_2459347	2459347	2459379	-	5	33	GTG	TAA	0	0
mORF_-_2459380	2459380	2459469	-	5	90	TTG	TAA	0	0
mORF_-_2459454	2459454	2459675	-	4	222	TTG	TGA	0	0
mORF_-_2459491	2459491	2459508	-	5	18	ATG	TGA	0	0
mORF_-_2459515	2459515	2459535	-	5	21	ATG	TAG	0	0
mORF_-_2459552	2459552	2459647	-	6	96	ATG	TAA	0	0
mORF_-_2459575	2459575	2459592	-	5	18	ATG	TGA	0	0
mORF_-_2459626	2459626	2459661	-	5	36	GTG	TAG	0	0
mORF_-_2459725	2459725	2459820	-	5	96	ATG	TAA	0	0
mORF_-_2459735	2459735	2459842	-	6	108	TTG	TAA	0	0
mORF_-_2459808	2459808	2460191	-	4	384	TTG	TAA	0	0
mORF_-_2459911	2459911	2459952	-	5	42	ATG	TAA	0	0
mORF_-_2459936	2459936	2459989	-	6	54	TTG	TGA	0	0
mORF_-_2459959	2459959	2460075	-	5	117	GTG	TAG	0	0
mORF_-_2460080	2460080	2460109	-	6	30	TTG	TAG	0	0
mORF_-_2460142	2460142	2460162	-	5	21	TTG	TAA	0	0
mORF_-_2460166	2460166	2460327	-	5	162	TTG	TAG	0	0
mORF_-_2460234	2460234	2460272	-	4	39	GTG	TGA	0	0
mORF_-_2460284	2460284	2460289	-	6	6	GTG	TAA	0	0
mORF_-_2460299	2460299	2460340	-	6	42	GTG	TGA	0	0
mORF_-_2460324	2460324	2460356	-	4	33	ATG	TGA	0	0
mORF_-_2460364	2460364	2460465	-	5	102	GTG	TAA	0	0
mORF_-_2460374	2460374	2460397	-	6	24	GTG	TAA	0	0
mORF_-_2460404	2460404	2460484	-	6	81	ATG	TAG	0	0
mORF_-_2460475	2460475	2460531	-	5	57	ATG	TAG	0	0
mORF_-_2460546	2460546	2460575	-	4	30	GTG	TGA	0	0
mORF_-_2460592	2460592	2460606	-	5	15	ATG	TAA	0	0
mORF_-_2460656	2460656	2460724	-	6	69	GTG	TAG	0	0
mORF_-_2460712	2460712	2460747	-	5	36	ATG	TAA	0	0
mORF_-_2460744	2460744	2460770	-	4	27	TTG	TGA	0	0
mORF_-_2460751	2460751	2460798	-	5	48	TTG	TAA	0	0
mORF_-_2460795	2460795	2460803	-	4	9	TTG	TGA	0	0
mORF_-_2460800	2460800	2460871	-	6	72	TTG	TGA	0	0
mORF_-_2460846	2460846	2460890	-	4	45	ATG	TGA	0	0
mORF_-_2460877	2460877	2460933	-	5	57	GTG	TAA	0	0
mORF_-_2460915	2460915	2460929	-	4	15	ATG	TAG	0	0
mORF_-_2460926	2460926	2461015	-	6	90	TTG	TGA	0	0
mORF_-_2460979	2460979	2460987	-	5	9	ATG	TAG	0	0
mORF_-_2460987	2460987	2461019	-	4	33	TTG	TAA	0	0
mORF_-_2461012	2461012	2461059	-	5	48	TTG	TGA	0	0
mORF_-_2461032	2461032	2461043	-	4	12	ATG	TGA	0	0
mORF_-_2461044	2461044	2461052	-	4	9	TTG	TAG	0	0
mORF_-_2461072	2461072	2461206	-	5	135	ATG	TAA	0	0
mORF_-_2461118	2461118	2461180	-	6	63	ATG	TAA	0	0
mORF_-_2461250	2461250	2461315	-	6	66	TTG	TGA	0	0
mORF_-_2461258	2461258	2461311	-	5	54	TTG	TAA	0	0
mORF_-_2461296	2461296	2461322	-	4	27	TTG	TAG	0	0
mORF_-_2461328	2461328	2461399	-	6	72	ATG	TAA	0	0
mORF_-_2461339	2461339	2461383	-	5	45	ATG	TAG	0	0
mORF_-_2461396	2461396	2461488	-	5	93	TTG	TGA	0	0
mORF_-_2461425	2461425	2461433	-	4	9	ATG	TGA	0	0
mORF_-_2461464	2461464	2461484	-	4	21	GTG	TAA	0	0
mORF_-_2461481	2461481	2461498	-	6	18	ATG	TGA	0	0
mORF_-_2461491	2461491	2461538	-	4	48	TTG	TGA	0	0
mORF_-_2461622	2461622	2461699	-	6	78	TTG	TAA	0	0
mORF_-_2461651	2461651	2461659	-	5	9	ATG	TAG	0	0
mORF_-_2461660	2461660	2461758	-	5	99	ATG	TGA	0	0

mORF_-_2461755	2461755	2461775	-	4	21	TTG	TGA	0	0	
mORF_-_2461766	2461766	2461909	-	6	144	ATG	TGA	0	0	
mORF_-_2461789	2461789	2461809	-	5	21	TTG	TGA	0	0	
mORF_-_2461806	2461806	2461832	-	4	27	TTG	TGA	0	0	
mORF_-_2461842	2461842	2461892	-	4	51	TTG	TAA	0	0	
mORF_-_2461876	2461876	2461944	-	5	69	TTG	TGA	0	0	
mORF_-_2461931	2461931	2462122	-	6	192	TTG	TAA	0	0	
mORF_-_2462049	2462049	2462060	-	4	12	ATG	TAA	0	0	
mORF_-_2462073	2462073	2462156	-	4	84	ATG	TAA	0	0	
mORF_-_2462165	2462165	2462170	-	6	6	ATG	TAA	0	0	
mORF_-_2462179	2462179	2462187	-	5	9	ATG	TAG	0	0	
mORF_-_2462195	2462195	2462287	-	6	93	TTG	TAA	0	0	
mORF_-_2462205	2462205	2462234	-	4	30	TTG	TAA	0	0	
mORF_-_2462274	2462274	2463029	-	4	756	ATG	TAA	13	28	pORF_-_2462274
mORF_-_2462294	2462294	2462470	-	6	177	TTG	TAA	0	0	
mORF_-_2462467	2462467	2462478	-	5	12	ATG	TGA	0	0	
mORF_-_2462501	2462501	2462686	-	6	186	TTG	TGA	0	0	
mORF_-_2462780	2462780	2462797	-	6	18	TTG	TGA	0	0	
mORF_-_2462816	2462816	2462878	-	6	63	TTG	TGA	0	0	
mORF_-_2462888	2462888	2462896	-	6	9	ATG	TAG	0	0	
mORF_-_2462933	2462933	2463007	-	6	75	TTG	TAG	0	0	
mORF_-_2462941	2462941	2462979	-	5	39	GTG	TGA	0	0	
mORF_-_2463026	2463026	2463070	-	6	45	ATG	TGA	0	0	
mORF_-_2463048	2463048	2463131	-	4	84	TTG	TAA	0	0	
mORF_-_2463055	2463055	2463225	-	5	171	TTG	TAA	0	0	
mORF_-_2463194	2463194	2463274	-	6	81	TTG	TAG	0	0	
mORF_-_2463238	2463238	2463243	-	5	6	ATG	TAG	0	0	
mORF_-_2463283	2463283	2463336	-	5	54	TTG	TAG	0	0	
mORF_-_2463303	2463303	2463551	-	4	249	TTG	TAG	0	0	
mORF_-_2463308	2463308	2463451	-	6	144	ATG	TGA	0	0	
mORF_-_2463343	2463343	2463393	-	5	51	TTG	TGA	0	0	
mORF_-_2463442	2463442	2463513	-	5	72	ATG	TGA	0	0	
mORF_-_2463542	2463542	2463655	-	6	114	TTG	TAA	0	0	
mORF_-_2463613	2463613	2464008	-	5	396	GTG	TAA	0	0	
mORF_-_2463686	2463686	2463700	-	6	15	TTG	TAG	0	0	
mORF_-_2463693	2463693	2463710	-	4	18	TTG	TGA	0	0	
mORF_-_2463729	2463729	2463794	-	4	66	ATG	TAA	0	0	
mORF_-_2463737	2463737	2464066	-	6	330	GTG	TAA	0	0	
mORF_-_2463813	2463813	2463836	-	4	24	ATG	TGA	0	0	
mORF_-_2463921	2463921	2463956	-	4	36	TTG	TAG	0	0	
mORF_-_2464039	2464039	2464128	-	5	90	GTG	TAG	0	0	
mORF_-_2464077	2464077	2464094	-	4	18	GTG	TGA	0	0	
mORF_-_2464131	2464131	2464199	-	4	69	GTG	TAA	0	0	
mORF_-_2464142	2464142	2464306	-	6	165	ATG	TAA	0	0	
mORF_-_2464150	2464150	2464227	-	5	78	ATG	TGA	0	0	
mORF_-_2464227	2464227	2464322	-	4	96	ATG	TAA	0	0	
mORF_-_2464306	2464306	2464329	-	5	24	ATG	TAA	0	0	
mORF_-_2464365	2464365	2464406	-	4	42	ATG	TAG	0	0	
mORF_-_2464372	2464372	2464461	-	5	90	ATG	TAG	0	0	
mORF_-_2464410	2464410	2464574	-	4	165	GTG	TGA	0	0	
mORF_-_2464471	2464471	2464518	-	5	48	ATG	TAA	0	0	
mORF_-_2464493	2464493	2464513	-	6	21	GTG	TGA	0	0	
mORF_-_2464577	2464577	2464615	-	6	39	ATG	TAA	0	0	
mORF_-_2464660	2464660	2464884	-	5	225	TTG	TGA	0	0	
mORF_-_2464686	2464686	2464838	-	4	153	TTG	TAG	0	0	
mORF_-_2464736	2464736	2464768	-	6	33	ATG	TAA	0	0	
mORF_-_2464844	2464844	2464906	-	6	63	TTG	TAA	0	0	
mORF_-_2464854	2464854	2464949	-	4	96	ATG	TAA	0	0	
mORF_-_2464939	2464939	2464986	-	5	48	TTG	TAA	0	0	
mORF_-_2464946	2464946	2465047	-	6	102	GTG	TGA	0	0	
mORF_-_2464965	2464965	2465042	-	4	78	TTG	TGA	0	0	
mORF_-_2465073	2465073	2465243	-	4	171	TTG	TAA	0	0	
mORF_-_2465096	2465096	2465188	-	6	93	ATG	TAG	0	0	

mORF_-_2465189	2465189	2465209	-	6	21	ATG	TGA	0	0	
mORF_-_2465253	2465253	2465357	-	4	105	TTG	TAG	0	0	
mORF_-_2465290	2465290	2465364	-	5	75	ATG	TAG	0	0	
mORF_-_2465361	2465361	2465504	-	4	144	TTG	TGA	0	0	
mORF_-_2465417	2465417	2465473	-	6	57	TTG	TGA	0	0	
mORF_-_2465431	2465431	2465688	-	5	258	TTG	TGA	0	0	
mORF_-_2465535	2465535	2465561	-	4	27	GTG	TGA	0	0	
mORF_-_2465594	2465594	2465737	-	6	144	TTG	TAG	0	0	
mORF_-_2465643	2465643	2465648	-	4	6	TTG	TAA	0	0	
mORF_-_2465655	2465655	2465849	-	4	195	ATG	TGA	0	0	
mORF_-_2465731	2465731	2465895	-	5	165	TTG	TAA	0	0	
mORF_-_2465738	2465738	2465773	-	6	36	TTG	TAG	0	0	
mORF_-_2465861	2465861	2465923	-	6	63	GTG	TAA	0	0	
mORF_-_2465886	2465886	2465978	-	4	93	TTG	TAG	1	2	pORF_-_2465886
mORF_-_2465926	2465926	2465988	-	5	63	TTG	TAA	0	0	
mORF_-_2465957	2465957	2466052	-	6	96	TTG	TAG	0	0	
mORF_-_2466019	2466019	2466039	-	5	21	TTG	TAA	0	0	
mORF_-_2466043	2466043	2466048	-	5	6	ATG	TGA	0	0	
mORF_-_2466049	2466049	2466057	-	5	9	ATG	TGA	0	0	
mORF_-_2466061	2466061	2466066	-	5	6	TTG	TAG	0	0	
mORF_-_2466074	2466074	2466181	-	6	108	ATG	TAG	0	0	
mORF_-_2466094	2466094	2466105	-	5	12	GTG	TGA	0	0	
mORF_-_2466112	2466112	2466144	-	5	33	GTG	TAG	0	0	
mORF_-_2466181	2466181	2466210	-	5	30	TTG	TGA	0	0	
mORF_-_2466203	2466203	2466217	-	6	15	ATG	TAG	0	0	
mORF_-_2466223	2466223	2466267	-	5	45	TTG	TAA	0	0	
mORF_-_2466264	2466264	2466329	-	4	66	ATG	TGA	0	0	
mORF_-_2466292	2466292	2466441	-	5	150	TTG	TAA	0	0	
mORF_-_2466372	2466372	2466383	-	4	12	TTG	TAG	0	0	
mORF_-_2466387	2466387	2466431	-	4	45	ATG	TAA	0	0	
mORF_-_2466432	2466432	2466506	-	4	75	TTG	TAA	0	0	
mORF_-_2466473	2466473	2466565	-	6	93	TTG	TAA	0	0	
mORF_-_2466588	2466588	2466608	-	4	21	TTG	TAG	0	0	
mORF_-_2466605	2466605	2466658	-	6	54	GTG	TGA	0	0	
mORF_-_2466646	2466646	2466930	-	5	285	ATG	TAG	1	5	pORF_-_2466646
mORF_-_2466762	2466762	2466845	-	4	84	TTG	TGA	0	0	
mORF_-_2466849	2466849	2466878	-	4	30	GTG	TAA	0	0	
mORF_-_2466888	2466888	2466956	-	4	69	ATG	TAA	0	0	
mORF_-_2466961	2466961	2466993	-	5	33	ATG	TAA	0	0	
mORF_-_2467008	2467008	2467103	-	4	96	ATG	TAA	0	0	
mORF_-_2467057	2467057	2467149	-	5	93	TTG	TGA	0	0	
mORF_-_2467079	2467079	2467177	-	6	99	ATG	TAA	0	0	
mORF_-_2467146	2467146	2467280	-	4	135	ATG	TGA	0	0	
mORF_-_2467214	2467214	2467240	-	6	27	ATG	TAG	0	0	
mORF_-_2467259	2467259	2467288	-	6	30	ATG	TAA	0	0	
mORF_-_2467289	2467289	2467387	-	6	99	ATG	TAA	0	0	
mORF_-_2467306	2467306	2467329	-	5	24	ATG	TAA	0	0	
mORF_-_2467371	2467371	2467406	-	4	36	ATG	TAA	0	0	
mORF_-_2467427	2467427	2467471	-	6	45	ATG	TAG	0	0	
mORF_-_2467484	2467484	2467492	-	6	9	ATG	TAA	0	0	
mORF_-_2467523	2467523	2467528	-	6	6	ATG	TAA	0	0	
mORF_-_2467547	2467547	2467585	-	6	39	ATG	TAA	0	0	
mORF_-_2467582	2467582	2467599	-	5	18	TTG	TGA	0	0	
mORF_-_2467590	2467590	2467652	-	4	63	TTG	TGA	0	0	
mORF_-_2467604	2467604	2467642	-	6	39	ATG	TAA	0	0	
mORF_-_2467684	2467684	2467710	-	5	27	TTG	TAG	0	0	
mORF_-_2467712	2467712	2467741	-	6	30	ATG	TAA	0	0	
mORF_-_2467738	2467738	2467764	-	5	27	GTG	TGA	0	0	
mORF_-_2467743	2467743	2467766	-	4	24	TTG	TAA	0	0	
mORF_-_2467775	2467775	2468050	-	6	276	GTG	TAA	0	0	
mORF_-_2467849	2467849	2467863	-	5	15	ATG	TAA	0	0	
mORF_-_2467887	2467887	2467973	-	4	87	ATG	TAA	0	0	
mORF_-_2467975	2467975	2468025	-	5	51	ATG	TGA	0	0	

mORF_-_2468022	2468022	2468087	-	4	66	TTG	TGA	0	0
mORF_-_2468056	2468056	2468139	-	5	84	ATG	TAA	0	0
mORF_-_2468063	2468063	2468074	-	6	12	TTG	TAA	0	0
mORF_-_2468084	2468084	2468176	-	6	93	TTG	TGA	0	0
mORF_-_2468130	2468130	2468225	-	4	96	ATG	TAA	0	0
mORF_-_2468152	2468152	2468157	-	5	6	GTG	TAG	0	0
mORF_-_2468231	2468231	2468239	-	6	9	ATG	TAA	0	0
mORF_-_2468270	2468270	2468515	-	6	246	GTG	TAA	0	0
mORF_-_2468296	2468296	2468328	-	5	33	TTG	TAA	0	0
mORF_-_2468331	2468331	2468417	-	4	87	ATG	TAA	0	0
mORF_-_2468365	2468365	2468376	-	5	12	ATG	TAA	0	0
mORF_-_2468431	2468431	2468502	-	5	72	TTG	TAA	0	0
mORF_-_2468457	2468457	2468465	-	4	9	TTG	TGA	0	0
mORF_-_2468503	2468503	2468517	-	5	15	TTG	TGA	0	0
mORF_-_2468519	2468519	2468800	-	6	282	GTG	TAG	0	0
mORF_-_2468611	2468611	2468721	-	5	111	ATG	TAA	0	0
mORF_-_2468655	2468655	2468687	-	4	33	TTG	TGA	0	0
mORF_-_2468725	2468725	2468802	-	5	78	ATG	TAG	0	0
mORF_-_2468763	2468763	2468807	-	4	45	ATG	TAA	0	0
mORF_-_2468815	2468815	2468973	-	5	159	ATG	TAA	0	0
mORF_-_2468838	2468838	2468963	-	4	126	TTG	TAG	0	0
mORF_-_2468849	2468849	2468986	-	6	138	TTG	TAA	0	0
mORF_-_2468983	2468983	2469042	-	5	60	GTG	TGA	0	0
mORF_-_2468993	2468993	2469217	-	6	225	GTG	TAA	0	0
mORF_-_2469036	2469036	2469074	-	4	39	TTG	TAA	0	0
mORF_-_2469052	2469052	2469132	-	5	81	ATG	TAA	0	0
mORF_-_2469099	2469099	2469539	-	4	441	ATG	TGA	0	0
mORF_-_2469133	2469133	2469192	-	5	60	GTG	TGA	0	0
mORF_-_2469221	2469221	2469232	-	6	12	TTG	TGA	0	0
mORF_-_2469241	2469241	2469252	-	5	12	ATG	TAA	0	0
mORF_-_2469302	2469302	2469454	-	6	153	ATG	TGA	0	0
mORF_-_2469349	2469349	2469357	-	5	9	ATG	TGA	0	0
mORF_-_2469451	2469451	2469546	-	5	96	GTG	TGA	0	0
mORF_-_2469543	2469543	2469572	-	4	30	GTG	TGA	0	0
mORF_-_2469566	2469566	2470288	-	6	723	TTG	TAA	0	0
mORF_-_2469574	2469574	2469594	-	5	21	GTG	TAG	0	0
mORF_-_2469628	2469628	2469654	-	5	27	GTG	TGA	0	0
mORF_-_2469642	2469642	2469719	-	4	78	ATG	TAA	0	0
mORF_-_2469658	2469658	2469735	-	5	78	TTG	TAG	0	0
mORF_-_2469766	2469766	2469780	-	5	15	TTG	TGA	0	0
mORF_-_2469777	2469777	2469791	-	4	15	ATG	TGA	0	0
mORF_-_2469886	2469886	2469966	-	5	81	TTG	TAG	0	0
mORF_-_2469982	2469982	2470140	-	5	159	GTG	TAA	0	0
mORF_-_2470017	2470017	2470067	-	4	51	TTG	TGA	0	0
mORF_-_2470134	2470134	2470442	-	4	309	GTG	TAA	0	0
mORF_-_2470198	2470198	2470242	-	5	45	ATG	TGA	0	0
mORF_-_2470297	2470297	2470332	-	5	36	GTG	TAA	0	0
mORF_-_2470349	2470349	2470357	-	6	9	ATG	TGA	0	0
mORF_-_2470354	2470354	2470395	-	5	42	TTG	TGA	0	0
mORF_-_2470402	2470402	2470566	-	5	165	GTG	TAA	0	0
mORF_-_2470409	2470409	2470903	-	6	495	GTG	TAA	0	0
mORF_-_2470464	2470464	2470484	-	4	21	GTG	TAA	0	0
mORF_-_2470533	2470533	2470616	-	4	84	GTG	TGA	0	0
mORF_-_2470621	2470621	2470674	-	5	54	GTG	TGA	0	0
mORF_-_2470711	2470711	2470884	-	5	174	ATG	TGA	0	0
mORF_-_2470743	2470743	2470748	-	4	6	TTG	TGA	0	0
mORF_-_2470881	2470881	2471138	-	4	258	GTG	TGA	0	0
mORF_-_2470900	2470900	2471268	-	5	369	TTG	TGA	0	0
mORF_-_2471021	2471021	2471029	-	6	9	ATG	TGA	0	0
mORF_-_2471060	2471060	2471140	-	6	81	GTG	TAA	0	0
mORF_-_2471142	2471142	2471207	-	4	66	GTG	TGA	0	0
mORF_-_2471204	2471204	2471254	-	6	51	GTG	TGA	0	0
mORF_-_2471265	2471265	2471318	-	4	54	ATG	TGA	0	0

mORF_-_2471270	2471270	2471287	-	6	18	GTG	TGA	0	0
mORF_-_2471331	2471331	2471408	-	4	78	ATG	TAA	0	0
mORF_-_2471418	2471418	2471891	-	4	474	TTG	TAA	0	0
mORF_-_2471630	2471630	2471659	-	6	30	ATG	TAG	0	0
mORF_-_2471711	2471711	2471764	-	6	54	GTG	TGA	0	0
mORF_-_2471761	2471761	2471814	-	5	54	GTG	TGA	0	0
mORF_-_2471765	2471765	2471785	-	6	21	ATG	TGA	0	0
mORF_-_2471807	2471807	2471824	-	6	18	ATG	TGA	0	0
mORF_-_2471821	2471821	2471934	-	5	114	TTG	TGA	0	0
mORF_-_2471935	2471935	2471994	-	5	60	ATG	TAA	0	0
mORF_-_2472013	2472013	2472024	-	5	12	GTG	TAA	0	0
mORF_-_2472052	2472052	2472081	-	5	30	TTG	TAA	0	0
mORF_-_2472066	2472066	2472182	-	4	117	ATG	TAA	0	0
mORF_-_2472110	2472110	2472178	-	6	69	ATG	TGA	0	0
mORF_-_2472130	2472130	2472159	-	5	30	ATG	TGA	0	0
mORF_-_2472179	2472179	2472244	-	6	66	ATG	TGA	0	0
mORF_-_2472201	2472201	2472365	-	4	165	GTG	TAA	0	0
mORF_-_2472260	2472260	2472289	-	6	30	GTG	TAA	0	0
mORF_-_2472362	2472362	2472388	-	6	27	TTG	TGA	0	0
mORF_-_2472385	2472385	2472405	-	5	21	GTG	TGA	0	0
mORF_-_2472427	2472427	2472456	-	5	30	GTG	TAA	0	0
mORF_-_2472485	2472485	2472520	-	6	36	ATG	TAG	0	0
mORF_-_2472505	2472505	2472546	-	5	42	TTG	TAG	0	0
mORF_-_2472521	2472521	2472766	-	6	246	ATG	TGA	0	0
mORF_-_2472556	2472556	2472570	-	5	15	TTG	TGA	0	0
mORF_-_2472652	2472652	2472666	-	5	15	ATG	TAA	0	0
mORF_-_2472717	2472717	2472884	-	4	168	ATG	TAA	0	0
mORF_-_2472770	2472770	2472871	-	6	102	GTG	TGA	0	0
mORF_-_2472884	2472884	2472910	-	6	27	ATG	TAA	0	0
mORF_-_2472911	2472911	2472940	-	6	30	GTG	TAA	0	0
mORF_-_2472925	2472925	2472933	-	5	9	TTG	TAA	0	0
mORF_-_2472930	2472930	2473004	-	4	75	TTG	TGA	0	0
mORF_-_2472971	2472971	2473012	-	6	42	ATG	TGA	0	0
mORF_-_2473009	2473009	2473038	-	5	30	ATG	TGA	0	0
mORF_-_2473044	2473044	2473070	-	4	27	ATG	TAA	0	0
mORF_-_2473076	2473076	2473252	-	6	177	GTG	TAA	0	0
mORF_-_2473099	2473099	2473155	-	5	57	ATG	TGA	0	0
mORF_-_2473137	2473137	2473241	-	4	105	ATG	TAG	0	0
mORF_-_2473204	2473204	2473212	-	5	9	ATG	TAA	0	0
mORF_-_2473272	2473272	2473457	-	4	186	TTG	TAG	0	0
mORF_-_2473324	2473324	2473482	-	5	159	ATG	TAA	0	0
mORF_-_2473367	2473367	2473444	-	6	78	TTG	TAA	0	0
mORF_-_2473454	2473454	2473474	-	6	21	GTG	TGA	0	0
mORF_-_2473485	2473485	2473532	-	4	48	TTG	TAG	0	0
mORF_-_2473508	2473508	2473780	-	6	273	GTG	TAA	0	0
mORF_-_2473525	2473525	2473611	-	5	87	TTG	TAA	0	0
mORF_-_2473651	2473651	2473710	-	5	60	TTG	TAG	0	0
mORF_-_2473725	2473725	2473904	-	4	180	ATG	TAA	0	0
mORF_-_2473735	2473735	2473818	-	5	84	ATG	TAG	0	0
mORF_-_2473820	2473820	2473852	-	6	33	GTG	TGA	0	0
mORF_-_2473849	2473849	2473935	-	5	87	TTG	TGA	0	0
mORF_-_2473944	2473944	2473997	-	4	54	GTG	TGA	0	0
mORF_-_2474035	2474035	2474340	-	5	306	GTG	TAG	0	0
mORF_-_2474046	2474046	2474117	-	4	72	ATG	TGA	0	0
mORF_-_2474069	2474069	2474167	-	6	99	ATG	TAA	0	0
mORF_-_2474139	2474139	2474219	-	4	81	GTG	TGA	0	0
mORF_-_2474180	2474180	2474209	-	6	30	ATG	TGA	0	0
mORF_-_2474216	2474216	2474221	-	6	6	GTG	TGA	0	0
mORF_-_2474235	2474235	2474273	-	4	39	ATG	TGA	0	0
mORF_-_2474288	2474288	2474329	-	6	42	GTG	TAA	0	0
mORF_-_2474313	2474313	2474411	-	4	99	ATG	TAG	0	0
mORF_-_2474330	2474330	2474359	-	6	30	GTG	TGA	0	0
mORF_-_2474412	2474412	2474525	-	4	114	TTG	TAG	0	0

mORF_-_2474423	2474423	2474443	-	6	21	TTG	TAA	0	0	
mORF_-_2474428	2474428	2474460	-	5	33	GTG	TGA	0	0	
mORF_-_2474453	2474453	2474470	-	6	18	TTG	TAA	0	0	
mORF_-_2474476	2474476	2474490	-	5	15	ATG	TAA	0	0	
mORF_-_2474498	2474498	2474581	-	6	84	TTG	TGA	0	0	
mORF_-_2474512	2474512	2474577	-	5	66	TTG	TAA	0	0	
mORF_-_2474553	2474553	2474558	-	4	6	ATG	TGA	0	0	
mORF_-_2474559	2474559	2474693	-	4	135	GTG	TAG	0	0	
mORF_-_2474636	2474636	2474647	-	6	12	ATG	TAG	0	0	
mORF_-_2474660	2474660	2474716	-	6	57	ATG	TAA	0	0	
mORF_-_2474671	2474671	2474691	-	5	21	GTG	TAG	0	0	
mORF_-_2474716	2474716	2475657	-	5	942	GTG	TAA	0	0	
mORF_-_2474742	2474742	2474765	-	4	24	TTG	TAA	0	0	
mORF_-_2474762	2474762	2474818	-	6	57	ATG	TGA	0	0	
mORF_-_2474826	2474826	2474906	-	4	81	TTG	TGA	0	0	
mORF_-_2474913	2474913	2474924	-	4	12	TTG	TGA	0	0	
mORF_-_2474931	2474931	2475047	-	4	117	ATG	TAG	0	0	
mORF_-_2474975	2474975	2474998	-	6	24	TTG	TAA	0	0	
mORF_-_2474999	2474999	2475007	-	6	9	ATG	TAG	0	0	
mORF_-_2475008	2475008	2475034	-	6	27	ATG	TGA	0	0	
mORF_-_2475044	2475044	2475067	-	6	24	GTG	TGA	0	0	
mORF_-_2475087	2475087	2475140	-	4	54	ATG	TAA	0	0	
mORF_-_2475116	2475116	2475121	-	6	6	ATG	TAG	0	0	
mORF_-_2475144	2475144	2475284	-	4	141	GTG	TGA	0	0	
mORF_-_2475281	2475281	2475307	-	6	27	ATG	TGA	0	0	
mORF_-_2475336	2475336	2475371	-	4	36	TTG	TAA	0	0	
mORF_-_2475368	2475368	2475415	-	6	48	TTG	TGA	0	0	
mORF_-_2475405	2475405	2475422	-	4	18	GTG	TAA	0	0	
mORF_-_2475438	2475438	2475467	-	4	30	TTG	TAA	0	0	
mORF_-_2475513	2475513	2475521	-	4	9	GTG	TAA	0	0	
mORF_-_2475528	2475528	2475584	-	4	57	TTG	TGA	0	0	
mORF_-_2475630	2475630	2475638	-	4	9	GTG	TAA	0	0	
mORF_-_2475654	2475654	2475662	-	4	9	ATG	TGA	0	0	
mORF_-_2475670	2475670	2475693	-	5	24	TTG	TAA	0	0	
mORF_-_2475698	2475698	2475727	-	6	30	ATG	TGA	0	0	
mORF_-_2475714	2475714	2475734	-	4	21	TTG	TAG	0	0	
mORF_-_2475731	2475731	2475775	-	6	45	TTG	TGA	0	0	
mORF_-_2475748	2475748	2475762	-	5	15	GTG	TAA	0	0	
mORF_-_2475759	2475759	2475767	-	4	9	ATG	TGA	0	0	
mORF_-_2475777	2475777	2475785	-	4	9	ATG	TAA	0	0	
mORF_-_2475782	2475782	2475796	-	6	15	TTG	TGA	0	0	
mORF_-_2475800	2475800	2475880	-	6	81	TTG	TAA	0	0	
mORF_-_2475877	2475877	2476089	-	5	213	GTG	TGA	0	0	
mORF_-_2475917	2475917	2476150	-	6	234	TTG	TAA	0	0	
mORF_-_2475942	2475942	2476013	-	4	72	GTG	TGA	0	0	
mORF_-_2476074	2476074	2476145	-	4	72	GTG	TAA	0	0	
mORF_-_2476147	2476147	2476374	-	5	228	TTG	TGA	0	0	
mORF_-_2476209	2476209	2476454	-	4	246	GTG	TGA	0	0	
mORF_-_2476307	2476307	2476351	-	6	45	ATG	TAG	0	0	
mORF_-_2476436	2476436	2476477	-	6	42	TTG	TGA	0	0	
mORF_-_2476474	2476474	2476683	-	5	210	ATG	TGA	0	0	
mORF_-_2476518	2476518	2476559	-	4	42	TTG	TGA	0	0	
mORF_-_2476577	2476577	2476759	-	6	183	ATG	TAG	0	0	
mORF_-_2476708	2476708	2477118	-	5	411	TTG	TAA	2	20	pORF_-_2476708
mORF_-_2476752	2476752	2476757	-	4	6	GTG	TGA	0	0	
mORF_-_2476800	2476800	2476820	-	4	21	ATG	TAA	0	0	
mORF_-_2476832	2476832	2476891	-	6	60	GTG	TAA	0	0	
mORF_-_2476910	2476910	2476930	-	6	21	ATG	TAA	0	0	
mORF_-_2476947	2476947	2476985	-	4	39	GTG	TAG	0	0	
mORF_-_2477034	2477034	2477051	-	4	18	TTG	TAG	0	0	
mORF_-_2477087	2477087	2477098	-	6	12	TTG	TAG	0	0	
mORF_-_2477115	2477115	2477126	-	4	12	ATG	TGA	0	0	
mORF_-_2477127	2477127	2477150	-	4	24	ATG	TAA	0	0	

mORF_-_2477134	2477134	2477202	-	5	69	ATG	TAG	0	0
mORF_-_2477151	2477151	2477195	-	4	45	ATG	TAA	0	0
mORF_-_2477192	2477192	2477212	-	6	21	TTG	TGA	0	0
mORF_-_2477199	2477199	2477318	-	4	120	GTG	TGA	0	0
mORF_-_2477306	2477306	2477422	-	6	117	ATG	TAA	0	0
mORF_-_2477338	2477338	2477382	-	5	45	ATG	TAA	0	0
mORF_-_2477406	2477406	2477474	-	4	69	ATG	TAG	0	0
mORF_-_2477458	2477458	2477529	-	5	72	TTG	TGA	0	0
mORF_-_2477508	2477508	2477573	-	4	66	ATG	TGA	0	0
mORF_-_2477519	2477519	2477608	-	6	90	GTG	TGA	0	0
mORF_-_2477533	2477533	2477703	-	5	171	TTG	TAA	0	0
mORF_-_2477658	2477658	2477768	-	4	111	ATG	TAG	0	0
mORF_-_2477696	2477696	2477746	-	6	51	TTG	TAA	0	0
mORF_-_2477743	2477743	2478147	-	5	405	GTG	TGA	0	0
mORF_-_2477774	2477774	2477812	-	6	39	ATG	TAA	0	0
mORF_-_2477868	2477868	2477951	-	4	84	GTG	TAA	0	0
mORF_-_2477987	2477987	2478088	-	6	102	ATG	TAA	0	0
mORF_-_2478095	2478095	2478142	-	6	48	TTG	TAA	0	0
mORF_-_2478163	2478163	2478174	-	5	12	ATG	TAA	0	0
mORF_-_2478181	2478181	2478186	-	5	6	GTG	TAA	0	0
mORF_-_2478201	2478201	2478221	-	4	21	TTG	TGA	0	0
mORF_-_2478224	2478224	2478280	-	6	57	TTG	TAA	0	0
mORF_-_2478259	2478259	2478321	-	5	63	TTG	TGA	0	0
mORF_-_2478311	2478311	2478421	-	6	111	ATG	TAA	0	0
mORF_-_2478318	2478318	2478335	-	4	18	ATG	TGA	0	0
mORF_-_2478421	2478421	2478576	-	5	156	TTG	TGA	0	0
mORF_-_2478429	2478429	2478476	-	4	48	GTG	TAA	0	0
mORF_-_2478449	2478449	2478541	-	6	93	TTG	TGA	0	0
mORF_-_2478549	2478549	2478563	-	4	15	TTG	TAA	0	0
mORF_-_2478560	2478560	2478571	-	6	12	ATG	TGA	0	0
mORF_-_2478631	2478631	2478702	-	5	72	TTG	TAA	0	0
mORF_-_2478638	2478638	2478754	-	6	117	ATG	TAG	0	0
mORF_-_2478660	2478660	2480198	-	4	1539	ATG	TGA	0	0
mORF_-_2478782	2478782	2478826	-	6	45	ATG	TAA	0	0
mORF_-_2478898	2478898	2478927	-	5	30	GTG	TAG	0	0
mORF_-_2478938	2478938	2478952	-	6	15	TTG	TGA	0	0
mORF_-_2478983	2478983	2479003	-	6	21	TTG	TGA	0	0
mORF_-_2479040	2479040	2479111	-	6	72	TTG	TAA	0	0
mORF_-_2479108	2479108	2479149	-	5	42	TTG	TGA	0	0
mORF_-_2479127	2479127	2479156	-	6	30	ATG	TGA	0	0
mORF_-_2479168	2479168	2479275	-	5	108	ATG	TAG	0	0
mORF_-_2479193	2479193	2479207	-	6	15	ATG	TAG	0	0
mORF_-_2479229	2479229	2479282	-	6	54	ATG	TAA	0	0
mORF_-_2479282	2479282	2479353	-	5	72	ATG	TAA	0	0
mORF_-_2479361	2479361	2479408	-	6	48	TTG	TGA	0	0
mORF_-_2479405	2479405	2479506	-	5	102	TTG	TGA	0	0
mORF_-_2479484	2479484	2479552	-	6	69	GTG	TAA	0	0
mORF_-_2479618	2479618	2479683	-	5	66	TTG	TAA	0	0
mORF_-_2479640	2479640	2479666	-	6	27	ATG	TGA	0	0
mORF_-_2479670	2479670	2479729	-	6	60	GTG	TAA	0	0
mORF_-_2479699	2479699	2479761	-	5	63	ATG	TGA	0	0
mORF_-_2479751	2479751	2479774	-	6	24	TTG	TGA	0	0
mORF_-_2479871	2479871	2479882	-	6	12	TTG	TGA	0	0
mORF_-_2479897	2479897	2479902	-	5	6	GTG	TAG	0	0
mORF_-_2479958	2479958	2480002	-	6	45	ATG	TAG	0	0
mORF_-_2480006	2480006	2480014	-	6	9	TTG	TAG	0	0
mORF_-_2480086	2480086	2480151	-	5	66	ATG	TAA	0	0
mORF_-_2480123	2480123	2480161	-	6	39	GTG	TAG	0	0
mORF_-_2480185	2480185	2480211	-	5	27	ATG	TAA	0	0
mORF_-_2480198	2480198	2481361	-	6	1164	GTG	TAA	0	0
mORF_-_2480296	2480296	2480349	-	5	54	TTG	TGA	0	0
mORF_-_2480359	2480359	2480490	-	5	132	ATG	TGA	0	0
mORF_-_2480515	2480515	2480619	-	5	105	ATG	TGA	0	0

mORF_-_2480619	2480619	2480627	-	4	9	GTG	TAA	0	0
mORF_-_2480671	2480671	2480784	-	5	114	TTG	TGA	0	0
mORF_-_2480821	2480821	2480859	-	5	39	ATG	TAG	0	0
mORF_-_2480962	2480962	2481096	-	5	135	ATG	TAG	0	0
mORF_-_2481115	2481115	2481225	-	5	111	ATG	TAG	0	0
mORF_-_2481231	2481231	2481260	-	4	30	TTG	TAG	0	0
mORF_-_2481244	2481244	2481285	-	5	42	TTG	TAG	0	0
mORF_-_2481348	2481348	2481374	-	4	27	ATG	TAA	0	0
mORF_-_2481364	2481364	2481381	-	5	18	ATG	TAA	0	0
mORF_-_2481371	2481371	2481418	-	6	48	ATG	TGA	0	0
mORF_-_2481378	2481378	2481452	-	4	75	ATG	TGA	0	0
mORF_-_2481391	2481391	2481414	-	5	24	ATG	TAA	0	0
mORF_-_2481422	2481422	2481430	-	6	9	TTG	TGA	0	0
mORF_-_2481427	2481427	2481534	-	5	108	TTG	TGA	0	0
mORF_-_2481479	2481479	2481529	-	6	51	TTG	TAA	0	0
mORF_-_2481565	2481565	2481624	-	5	60	ATG	TAA	0	0
mORF_-_2481591	2481591	2481602	-	4	12	TTG	TGA	0	0
mORF_-_2481612	2481612	2481629	-	4	18	ATG	TAA	0	0
mORF_-_2481664	2481664	2481759	-	5	96	ATG	TAA	0	0
mORF_-_2481734	2481734	2481841	-	6	108	TTG	TAG	0	0
mORF_-_2481756	2481756	2481803	-	4	48	ATG	TGA	0	0
mORF_-_2481775	2481775	2481786	-	5	12	TTG	TAG	0	0
mORF_-_2481811	2481811	2481822	-	5	12	TTG	TAG	0	0
mORF_-_2481838	2481838	2481906	-	5	69	GTG	TGA	0	0
mORF_-_2481890	2481890	2481928	-	6	39	ATG	TGA	0	0
mORF_-_2481966	2481966	2482046	-	4	81	ATG	TAA	0	0
mORF_-_2482034	2482034	2482105	-	6	72	ATG	TAA	0	0
mORF_-_2482111	2482111	2482125	-	5	15	TTG	TAG	0	0
mORF_-_2482139	2482139	2482306	-	6	168	GTG	TAG	0	0
mORF_-_2482176	2482176	2482193	-	4	18	TTG	TAA	0	0
mORF_-_2482206	2482206	2482217	-	4	12	TTG	TAA	0	0
mORF_-_2482300	2482300	2482395	-	5	96	GTG	TGA	0	0
mORF_-_2482344	2482344	2482397	-	4	54	ATG	TGA	0	0
mORF_-_2482358	2482358	2482381	-	6	24	TTG	TAA	0	0
mORF_-_2482410	2482410	2482448	-	4	39	ATG	TAG	0	0
mORF_-_2482467	2482467	2482559	-	4	93	TTG	TAA	0	0
mORF_-_2482505	2482505	2482519	-	6	15	GTG	TGA	0	0
mORF_-_2482549	2482549	2482626	-	5	78	TTG	TAA	0	0
mORF_-_2482650	2482650	2482685	-	4	36	TTG	TAA	0	0
mORF_-_2482682	2482682	2482765	-	6	84	GTG	TGA	0	0
mORF_-_2482687	2482687	2482716	-	5	30	TTG	TAA	0	0
mORF_-_2482713	2482713	2482847	-	4	135	GTG	TGA	0	0
mORF_-_2482762	2482762	2482767	-	5	6	ATG	TGA	0	0
mORF_-_2482768	2482768	2482854	-	5	87	GTG	TAA	0	0
mORF_-_2482787	2482787	2482816	-	6	30	ATG	TAA	0	0
mORF_-_2482823	2482823	2482861	-	6	39	TTG	TAA	0	0
mORF_-_2482871	2482871	2482957	-	6	87	TTG	TAA	0	0
mORF_-_2482876	2482876	2482938	-	5	63	TTG	TGA	0	0
mORF_-_2482967	2482967	2482993	-	6	27	ATG	TAA	0	0
mORF_-_2482980	2482980	2483012	-	4	33	TTG	TGA	0	0
mORF_-_2482999	2482999	2483073	-	5	75	GTG	TGA	0	0
mORF_-_2483016	2483016	2483039	-	4	24	ATG	TAA	0	0
mORF_-_2483061	2483061	2483069	-	4	9	GTG	TAG	0	0
mORF_-_2483077	2483077	2483112	-	5	36	TTG	TAA	0	0
mORF_-_2483109	2483109	2483165	-	4	57	TTG	TGA	0	0
mORF_-_2483162	2483162	2483257	-	6	96	ATG	TGA	0	0
mORF_-_2483199	2483199	2483303	-	4	105	TTG	TAG	0	0
mORF_-_2483209	2483209	2483214	-	5	6	TTG	TGA	0	0
mORF_-_2483257	2483257	2483298	-	5	42	ATG	TAA	0	0
mORF_-_2483305	2483305	2483409	-	5	105	TTG	TAA	0	0
mORF_-_2483337	2483337	2483447	-	4	111	TTG	TAG	0	0
mORF_-_2483432	2483432	2483464	-	6	33	GTG	TGA	0	0
mORF_-_2483440	2483440	2483454	-	5	15	ATG	TGA	0	0

mORF_-_2483505	2483505	2483552	-	4	48	ATG	TAA	0	0
mORF_-_2483533	2483533	2483601	-	5	69	TTG	TAA	0	0
mORF_-_2483549	2483549	2483557	-	6	9	TTG	TGA	0	0
mORF_-_2483562	2483562	2483630	-	4	69	ATG	TAA	0	0
mORF_-_2483573	2483573	2483716	-	6	144	ATG	TGA	0	0
mORF_-_2483605	2483605	2483658	-	5	54	TTG	TAA	0	0
mORF_-_2483659	2483659	2483721	-	5	63	GTG	TAA	0	0
mORF_-_2483718	2483718	2483723	-	4	6	TTG	TGA	0	0
mORF_-_2483726	2483726	2483761	-	6	36	GTG	TAA	0	0
mORF_-_2483764	2483764	2483814	-	5	51	ATG	TAG	0	0
mORF_-_2483775	2483775	2483780	-	4	6	ATG	TAA	0	0
mORF_-_2483811	2483811	2483978	-	4	168	GTG	TGA	0	0
mORF_-_2483819	2483819	2483842	-	6	24	ATG	TAA	0	0
mORF_-_2483891	2483891	2483920	-	6	30	TTG	TAA	0	0
mORF_-_2483951	2483951	2483980	-	6	30	ATG	TAA	0	0
mORF_-_2483986	2483986	2484000	-	5	15	TTG	TAG	0	0
mORF_-_2484011	2484011	2484019	-	6	9	ATG	TAA	0	0
mORF_-_2484060	2484060	2484095	-	4	36	ATG	TAG	0	0
mORF_-_2484092	2484092	2484160	-	6	69	TTG	TGA	0	0
mORF_-_2484106	2484106	2484117	-	5	12	TTG	TAA	0	0
mORF_-_2484148	2484148	2484216	-	5	69	ATG	TAA	0	0
mORF_-_2484162	2484162	2484191	-	4	30	ATG	TAA	0	0
mORF_-_2484216	2484216	2484224	-	4	9	GTG	TAA	0	0
mORF_-_2484221	2484221	2484274	-	6	54	GTG	TGA	0	0
mORF_-_2484234	2484234	2484386	-	4	153	ATG	TAG	0	0
mORF_-_2484271	2484271	2484399	-	5	129	ATG	TGA	0	0
mORF_-_2484308	2484308	2484346	-	6	39	GTG	TGA	0	0
mORF_-_2484386	2484386	2484421	-	6	36	TTG	TAA	0	0
mORF_-_2484390	2484390	2484428	-	4	39	TTG	TGA	0	0
mORF_-_2484403	2484403	2484453	-	5	51	TTG	TAA	0	0
mORF_-_2484475	2484475	2484633	-	5	159	TTG	TAG	0	0
mORF_-_2484479	2484479	2484487	-	6	9	GTG	TAA	0	0
mORF_-_2484518	2484518	2484574	-	6	57	TTG	TAG	0	0
mORF_-_2484555	2484555	2484626	-	4	72	TTG	TGA	0	0
mORF_-_2484620	2484620	2484745	-	6	126	GTG	TAA	0	0
mORF_-_2484649	2484649	2484672	-	5	24	TTG	TGA	0	0
mORF_-_2484657	2484657	2484713	-	4	57	TTG	TAG	0	0
mORF_-_2484685	2484685	2484747	-	5	63	TTG	TAA	0	0
mORF_-_2484738	2484738	2484779	-	4	42	GTG	TGA	0	0
mORF_-_2484761	2484761	2484823	-	6	63	ATG	TAG	0	0
mORF_-_2484766	2484766	2484786	-	5	21	GTG	TAA	0	0
mORF_-_2484783	2484783	2484812	-	4	30	TTG	TGA	0	0
mORF_-_2484823	2484823	2484852	-	5	30	ATG	TAA	0	0
mORF_-_2484873	2484873	2484929	-	4	57	GTG	TGA	0	0
mORF_-_2484881	2484881	2484898	-	6	18	TTG	TAA	0	0
mORF_-_2484901	2484901	2484981	-	5	81	GTG	TAA	0	0
mORF_-_2484963	2484963	2484992	-	4	30	TTG	TGA	0	0
mORF_-_2485021	2485021	2485086	-	5	66	TTG	TAA	0	0
mORF_-_2485049	2485049	2485069	-	6	21	TTG	TAA	0	0
mORF_-_2485080	2485080	2485118	-	4	39	TTG	TGA	0	0
mORF_-_2485127	2485127	2485183	-	6	57	ATG	TAA	0	0
mORF_-_2485153	2485153	2485248	-	5	96	TTG	TAA	0	0
mORF_-_2485161	2485161	2485277	-	4	117	ATG	TGA	0	0
mORF_-_2485190	2485190	2485195	-	6	6	TTG	TGA	0	0
mORF_-_2485208	2485208	2485237	-	6	30	TTG	TAA	0	0
mORF_-_2485253	2485253	2485258	-	6	6	GTG	TGA	0	0
mORF_-_2485279	2485279	2485296	-	5	18	ATG	TAA	0	0
mORF_-_2485293	2485293	2485385	-	4	93	TTG	TGA	0	0
mORF_-_2485336	2485336	2485374	-	5	39	TTG	TAA	0	0
mORF_-_2485378	2485378	2485476	-	5	99	TTG	TAG	0	0
mORF_-_2485401	2485401	2485571	-	4	171	TTG	TAA	0	0
mORF_-_2485502	2485502	2485516	-	6	15	GTG	TAA	0	0
mORF_-_2485558	2485558	2485602	-	5	45	ATG	TAA	0	0

mORF_-_2485568	2485568	2485636	-	6	69	GTG	TGA	0	0
mORF_-_2485612	2485612	2485650	-	5	39	GTG	TAA	0	0
mORF_-_2485638	2485638	2485715	-	4	78	ATG	TGA	0	0
mORF_-_2485690	2485690	2485737	-	5	48	ATG	TAG	0	0
mORF_-_2485712	2485712	2485765	-	6	54	GTG	TGA	0	0
mORF_-_2485744	2485744	2485761	-	5	18	TTG	TAG	0	0
mORF_-_2485765	2485765	2485863	-	5	99	ATG	TAG	0	0
mORF_-_2485803	2485803	2485829	-	4	27	ATG	TGA	0	0
mORF_-_2485856	2485856	2486005	-	6	150	TTG	TAA	0	0
mORF_-_2485885	2485885	2485938	-	5	54	GTG	TGA	0	0
mORF_-_2485911	2485911	2485940	-	4	30	ATG	TGA	0	0
mORF_-_2485986	2485986	2486012	-	4	27	TTG	TAG	0	0
mORF_-_2486009	2486009	2486035	-	6	27	GTG	TGA	0	0
mORF_-_2486026	2486026	2486112	-	5	87	ATG	TAA	0	0
mORF_-_2486039	2486039	2486044	-	6	6	ATG	TAA	0	0
mORF_-_2486045	2486045	2487229	-	6	1185	GTG	TAA	0	0
mORF_-_2486158	2486158	2486175	-	5	18	TTG	TAA	0	0
mORF_-_2486176	2486176	2486226	-	5	51	GTG	TGA	0	0
mORF_-_2486227	2486227	2486259	-	5	33	ATG	TAA	0	0
mORF_-_2486256	2486256	2486276	-	4	21	TTG	TGA	0	0
mORF_-_2486296	2486296	2486475	-	5	180	TTG	TAA	0	0
mORF_-_2486373	2486373	2486405	-	4	33	ATG	TAA	0	0
mORF_-_2486427	2486427	2486438	-	4	12	TTG	TAA	0	0
mORF_-_2486542	2486542	2486550	-	5	9	ATG	TGA	0	0
mORF_-_2486563	2486563	2486577	-	5	15	TTG	TGA	0	0
mORF_-_2486574	2486574	2486669	-	4	96	ATG	TGA	0	0
mORF_-_2486584	2486584	2486634	-	5	51	GTG	TAG	0	0
mORF_-_2486638	2486638	2486709	-	5	72	ATG	TAG	0	0
mORF_-_2486709	2486709	2486855	-	4	147	ATG	TGA	0	0
mORF_-_2486740	2486740	2486775	-	5	36	ATG	TGA	0	0
mORF_-_2486779	2486779	2486817	-	5	39	ATG	TAA	0	0
mORF_-_2486899	2486899	2486907	-	5	9	ATG	TAG	0	0
mORF_-_2486926	2486926	2486952	-	5	27	ATG	TAA	0	0
mORF_-_2486956	2486956	2487069	-	5	114	TTG	TAA	0	0
mORF_-_2487076	2487076	2487132	-	5	57	ATG	TAA	0	0
mORF_-_2487093	2487093	2487098	-	4	6	TTG	TAA	0	0
mORF_-_2487148	2487148	2487180	-	5	33	ATG	TAG	0	0
mORF_-_2487187	2487187	2487237	-	5	51	ATG	TGA	0	0
mORF_-_2487195	2487195	2487257	-	4	63	ATG	TAA	0	0
mORF_-_2487238	2487238	2487294	-	5	57	GTG	TAA	0	0
mORF_-_2487260	2487260	2487313	-	6	54	TTG	TAA	0	0
mORF_-_2487264	2487264	2488208	-	4	945	ATG	TAA	0	0
mORF_-_2487326	2487326	2487379	-	6	54	TTG	TGA	0	0
mORF_-_2487364	2487364	2487456	-	5	93	ATG	TAA	0	0
mORF_-_2487446	2487446	2487466	-	6	21	TTG	TGA	0	0
mORF_-_2487500	2487500	2487529	-	6	30	GTG	TGA	0	0
mORF_-_2487578	2487578	2487601	-	6	24	TTG	TAG	0	0
mORF_-_2487607	2487607	2487681	-	5	75	ATG	TAA	0	0
mORF_-_2487638	2487638	2487646	-	6	9	TTG	TAA	0	0
mORF_-_2487716	2487716	2487739	-	6	24	ATG	TGA	0	0
mORF_-_2487758	2487758	2487799	-	6	42	TTG	TGA	0	0
mORF_-_2487821	2487821	2487901	-	6	81	TTG	TAG	0	0
mORF_-_2487841	2487841	2487912	-	5	72	ATG	TGA	0	0
mORF_-_2487902	2487902	2488003	-	6	102	TTG	TAA	0	0
mORF_-_2487937	2487937	2487978	-	5	42	ATG	TAA	0	0
mORF_-_2488007	2488007	2488024	-	6	18	TTG	TGA	0	0
mORF_-_2488028	2488028	2488060	-	6	33	TTG	TGA	0	0
mORF_-_2488166	2488166	2488192	-	6	27	TTG	TAA	0	0
mORF_-_2488202	2488202	2488258	-	6	57	TTG	TAA	0	0
mORF_-_2488234	2488234	2488245	-	5	12	ATG	TGA	0	0
mORF_-_2488271	2488271	2488357	-	6	87	ATG	TGA	0	0
mORF_-_2488278	2488278	2489972	-	4	1695	ATG	TAA	0	0
mORF_-_2488394	2488394	2488453	-	6	60	ATG	TAA	0	0

mORF_-_2488457	2488457	2488552	-	6	96	ATG	TAA	0	0	
mORF_-_2488571	2488571	2488651	-	6	81	TTG	TGA	0	0	
mORF_-_2488582	2488582	2488593	-	5	12	TTG	TAA	0	0	
mORF_-_2488667	2488667	2488795	-	6	129	ATG	TGA	0	0	
mORF_-_2488672	2488672	2488725	-	5	54	TTG	TAG	0	0	
mORF_-_2488799	2488799	2488843	-	6	45	GTG	TAG	0	0	
mORF_-_2488844	2488844	2488852	-	6	9	ATG	TAA	0	0	
mORF_-_2488883	2488883	2488909	-	6	27	ATG	TAA	0	0	
mORF_-_2488891	2488891	2488944	-	5	54	ATG	TGA	0	0	
mORF_-_2488973	2488973	2489065	-	6	93	TTG	TGA	0	0	
mORF_-_2489062	2489062	2489100	-	5	39	ATG	TGA	0	0	
mORF_-_2489107	2489107	2489127	-	5	21	TTG	TAA	0	0	
mORF_-_2489129	2489129	2489320	-	6	192	TTG	TGA	0	0	
mORF_-_2489348	2489348	2489422	-	6	75	TTG	TAG	0	0	
mORF_-_2489365	2489365	2489385	-	5	21	ATG	TAG	0	0	
mORF_-_2489429	2489429	2489599	-	6	171	ATG	TAA	0	0	
mORF_-_2489600	2489600	2489626	-	6	27	GTG	TGA	0	0	
mORF_-_2489675	2489675	2489689	-	6	15	ATG	TGA	0	0	
mORF_-_2489714	2489714	2489722	-	6	9	ATG	TGA	0	0	
mORF_-_2489747	2489747	2489854	-	6	108	ATG	TGA	0	0	
mORF_-_2489882	2489882	2489905	-	6	24	TTG	TAG	0	0	
mORF_-_2489918	2489918	2489947	-	6	30	ATG	TAA	0	0	
mORF_-_2490026	2490026	2491276	-	6	1251	ATG	TGA	1	0	pORF_-_2490026
mORF_-_2490046	2490046	2490108	-	5	63	GTG	TGA	0	0	
mORF_-_2490126	2490126	2490164	-	4	39	TTG	TAA	0	0	
mORF_-_2490154	2490154	2490168	-	5	15	TTG	TGA	0	0	
mORF_-_2490172	2490172	2490240	-	5	69	TTG	TGA	0	0	
mORF_-_2490237	2490237	2490275	-	4	39	TTG	TGA	0	0	
mORF_-_2490259	2490259	2490285	-	5	27	TTG	TAA	0	0	
mORF_-_2490292	2490292	2490381	-	5	90	ATG	TGA	0	0	
mORF_-_2490345	2490345	2490413	-	4	69	ATG	TGA	0	0	
mORF_-_2490504	2490504	2490509	-	4	6	ATG	TAA	0	0	
mORF_-_2490511	2490511	2490639	-	5	129	GTG	TGA	0	0	
mORF_-_2490636	2490636	2490656	-	4	21	TTG	TGA	0	0	
mORF_-_2490661	2490661	2490735	-	5	75	TTG	TGA	0	0	
mORF_-_2490745	2490745	2490774	-	5	30	GTG	TGA	0	0	
mORF_-_2490771	2490771	2490812	-	4	42	TTG	TGA	0	0	
mORF_-_2490790	2490790	2490861	-	5	72	ATG	TAA	0	0	
mORF_-_2490858	2490858	2490890	-	4	33	GTG	TGA	0	0	
mORF_-_2490868	2490868	2490873	-	5	6	ATG	TAA	0	0	
mORF_-_2490874	2490874	2490915	-	5	42	TTG	TGA	0	0	
mORF_-_2490919	2490919	2490972	-	5	54	TTG	TGA	0	0	
mORF_-_2491060	2491060	2491110	-	5	51	ATG	TAA	0	0	
mORF_-_2491144	2491144	2491281	-	5	138	TTG	TAA	0	0	
mORF_-_2491182	2491182	2491214	-	4	33	TTG	TGA	0	0	
mORF_-_2491312	2491312	2491401	-	5	90	TTG	TAA	0	0	
mORF_-_2491340	2491340	2491375	-	6	36	GTG	TAG	0	0	
mORF_-_2491398	2491398	2491445	-	4	48	ATG	TGA	0	0	
mORF_-_2491412	2491412	2491609	-	6	198	ATG	TGA	0	0	
mORF_-_2491531	2491531	2491566	-	5	36	TTG	TAA	0	0	
mORF_-_2491557	2491557	2491562	-	4	6	TTG	TAA	0	0	
mORF_-_2491584	2491584	2491730	-	4	147	ATG	TAA	0	0	
mORF_-_2491673	2491673	2491693	-	6	21	TTG	TAA	0	0	
mORF_-_2491700	2491700	2491711	-	6	12	TTG	TAA	0	0	
mORF_-_2491763	2491763	2491789	-	6	27	ATG	TAA	0	0	
mORF_-_2491789	2491789	2492424	-	5	636	ATG	TAA	1	4	pORF_-_2491789
mORF_-_2491794	2491794	2491907	-	4	114	ATG	TGA	0	0	
mORF_-_2491947	2491947	2492021	-	4	75	TTG	TAA	0	0	
mORF_-_2492052	2492052	2492186	-	4	135	ATG	TAG	0	0	
mORF_-_2492132	2492132	2492149	-	6	18	ATG	TAA	0	0	
mORF_-_2492190	2492190	2492219	-	4	30	ATG	TGA	0	0	
mORF_-_2492238	2492238	2492261	-	4	24	ATG	TAG	0	0	
mORF_-_2492343	2492343	2492354	-	4	12	ATG	TAG	0	0	

mORF_-_2492357	2492357	2492368	-	6	12	ATG	TGA	0	0
mORF_-_2492427	2492427	2492435	-	4	9	ATG	TAA	0	0
mORF_-_2492432	2492432	2492467	-	6	36	ATG	TGA	0	0
mORF_-_2492448	2492448	2492480	-	4	33	ATG	TAA	0	0
mORF_-_2492464	2492464	2492502	-	5	39	TTG	TGA	0	0
mORF_-_2492492	2492492	2492509	-	6	18	ATG	TGA	0	0
mORF_-_2492520	2492520	2492615	-	4	96	GTG	TAA	0	0
mORF_-_2492540	2492540	2492617	-	6	78	TTG	TAA	0	0
mORF_-_2492563	2492563	2492568	-	5	6	TTG	TAA	0	0
mORF_-_2492605	2492605	2492628	-	5	24	ATG	TAA	0	0
mORF_-_2492625	2492625	2492681	-	4	57	ATG	TGA	0	0
mORF_-_2492653	2492653	2492796	-	5	144	ATG	TAA	0	0
mORF_-_2492691	2492691	2492702	-	4	12	ATG	TGA	0	0
mORF_-_2492766	2492766	2492861	-	4	96	GTG	TAA	0	0
mORF_-_2492821	2492821	2492859	-	5	39	GTG	TAG	0	0
mORF_-_2492843	2492843	2492863	-	6	21	GTG	TGA	0	0
mORF_-_2492865	2492865	2492885	-	4	21	GTG	TAG	0	0
mORF_-_2492875	2492875	2492934	-	5	60	GTG	TGA	0	0
mORF_-_2492898	2492898	2492924	-	4	27	ATG	TAA	0	0
mORF_-_2492924	2492924	2492983	-	6	60	ATG	TAA	0	0
mORF_-_2492931	2492931	2492963	-	4	33	TTG	TGA	0	0
mORF_-_2492976	2492976	2493020	-	4	45	TTG	TAA	0	0
mORF_-_2492980	2492980	2493117	-	5	138	TTG	TGA	0	0
mORF_-_2493002	2493002	2493085	-	6	84	ATG	TGA	0	0
mORF_-_2493021	2493021	2493062	-	4	42	ATG	TGA	0	0
mORF_-_2493072	2493072	2493314	-	4	243	ATG	TAG	0	0
mORF_-_2493107	2493107	2493127	-	6	21	TTG	TGA	0	0
mORF_-_2493149	2493149	2493157	-	6	9	ATG	TAG	0	0
mORF_-_2493157	2493157	2493303	-	5	147	ATG	TAA	0	0
mORF_-_2493269	2493269	2493280	-	6	12	TTG	TAA	0	0
mORF_-_2493307	2493307	2493321	-	5	15	TTG	TAA	0	0
mORF_-_2493311	2493311	2493391	-	6	81	TTG	TGA	0	0
mORF_-_2493355	2493355	2493465	-	5	111	GTG	TGA	0	0
mORF_-_2493360	2493360	2493374	-	4	15	TTG	TAA	0	0
mORF_-_2493405	2493405	2493431	-	4	27	TTG	TGA	0	0
mORF_-_2493475	2493475	2493600	-	5	126	TTG	TGA	0	0
mORF_-_2493492	2493492	2493521	-	4	30	ATG	TGA	0	0
mORF_-_2493548	2493548	2493622	-	6	75	ATG	TAG	0	0
mORF_-_2493555	2493555	2493560	-	4	6	GTG	TAA	0	0
mORF_-_2493564	2493564	2493683	-	4	120	TTG	TAA	0	0
mORF_-_2493652	2493652	2493678	-	5	27	TTG	TAG	0	0
mORF_-_2493665	2493665	2493676	-	6	12	GTG	TAG	0	0
mORF_-_2493700	2493700	2493876	-	5	177	ATG	TAG	0	0
mORF_-_2493711	2493711	2493722	-	4	12	GTG	TAG	0	0
mORF_-_2493719	2493719	2493817	-	6	99	ATG	TGA	0	0
mORF_-_2493765	2493765	2493950	-	4	186	ATG	TAA	0	0
mORF_-_2493836	2493836	2493955	-	6	120	ATG	TAG	0	0
mORF_-_2493919	2493919	2494590	-	5	672	TTG	TGA	0	0
mORF_-_2494013	2494013	2494024	-	6	12	GTG	TAA	0	0
mORF_-_2494064	2494064	2494111	-	6	48	TTG	TAA	0	0
mORF_-_2494118	2494118	2494132	-	6	15	GTG	TAG	0	0
mORF_-_2494140	2494140	2494220	-	4	81	ATG	TGA	0	0
mORF_-_2494181	2494181	2494330	-	6	150	TTG	TAG	0	0
mORF_-_2494272	2494272	2494340	-	4	69	GTG	TAA	0	0
mORF_-_2494341	2494341	2494373	-	4	33	ATG	TAG	0	0
mORF_-_2494404	2494404	2494430	-	4	27	GTG	TAA	0	0
mORF_-_2494476	2494476	2494583	-	4	108	ATG	TAG	0	0
mORF_-_2494505	2494505	2494516	-	6	12	GTG	TGA	0	0
mORF_-_2494584	2494584	2494625	-	4	42	ATG	TAA	0	0
mORF_-_2494613	2494613	2494636	-	6	24	ATG	TGA	0	0
mORF_-_2494682	2494682	2494726	-	6	45	GTG	TAG	0	0
mORF_-_2494778	2494778	2494789	-	6	12	ATG	TAA	0	0
mORF_-_2494814	2494814	2494879	-	6	66	TTG	TGA	0	0

mORF_-_2494876	2494876	2494884	-	5	9	GTG	TGA	0	0	
mORF_-_2494881	2494881	2494907	-	4	27	ATG	TGA	0	0	
mORF_-_2494904	2494904	2495188	-	6	285	TTG	TGA	0	0	
mORF_-_2494924	2494924	2494980	-	5	57	ATG	TAA	0	0	
mORF_-_2495011	2495011	2495046	-	5	36	ATG	TAG	0	0	
mORF_-_2495046	2495046	2495063	-	4	18	ATG	TGA	0	0	
mORF_-_2495079	2495079	2496317	-	4	1239	ATG	TAA	14	35	pORF_-_2495079
mORF_-_2495189	2495189	2495707	-	6	519	ATG	TGA	0	0	
mORF_-_2495212	2495212	2495250	-	5	39	TTG	TGA	0	0	
mORF_-_2495395	2495395	2495436	-	5	42	GTG	TGA	0	0	
mORF_-_2495689	2495689	2495760	-	5	72	ATG	TGA	0	0	
mORF_-_2495795	2495795	2495896	-	6	102	TTG	TGA	0	0	
mORF_-_2495897	2495897	2495956	-	6	60	ATG	TGA	0	0	
mORF_-_2495975	2495975	2496175	-	6	201	GTG	TGA	0	0	
mORF_-_2496037	2496037	2496144	-	5	108	ATG	TGA	0	0	
mORF_-_2496236	2496236	2496280	-	6	45	TTG	TGA	0	0	
mORF_-_2496336	2496336	2496368	-	4	33	GTG	TAA	0	0	
mORF_-_2496420	2496420	2496503	-	4	84	GTG	TAA	0	0	
mORF_-_2496442	2496442	2496507	-	5	66	ATG	TAA	0	0	
mORF_-_2496504	2496504	2496641	-	4	138	ATG	TGA	0	0	
mORF_-_2496512	2496512	2496568	-	6	57	ATG	TAA	0	0	
mORF_-_2496571	2496571	2496582	-	5	12	ATG	TAG	0	0	
mORF_-_2496601	2496601	2496663	-	5	63	ATG	TAA	0	0	
mORF_-_2496670	2496670	2496690	-	5	21	GTG	TAA	0	0	
mORF_-_2496677	2496677	2496967	-	6	291	ATG	TAA	0	0	
mORF_-_2496687	2496687	2496698	-	4	12	GTG	TGA	0	0	
mORF_-_2496741	2496741	2496992	-	4	252	GTG	TAA	0	0	
mORF_-_2496766	2496766	2496819	-	5	54	TTG	TGA	0	0	
mORF_-_2496989	2496989	2497408	-	6	420	ATG	TGA	0	0	
mORF_-_2496999	2496999	2497268	-	4	270	TTG	TAA	0	0	
mORF_-_2497075	2497075	2497176	-	5	102	TTG	TGA	0	0	
mORF_-_2497204	2497204	2497221	-	5	18	TTG	TAG	0	0	
mORF_-_2497341	2497341	2497358	-	4	18	ATG	TAG	0	0	
mORF_-_2497360	2497360	2497374	-	5	15	ATG	TGA	0	0	
mORF_-_2497374	2497374	2497661	-	4	288	ATG	TAA	2	11	pORF_-_2497374
mORF_-_2497481	2497481	2497501	-	6	21	ATG	TGA	0	0	
mORF_-_2497529	2497529	2497573	-	6	45	GTG	TAA	0	0	
mORF_-_2497546	2497546	2497605	-	5	60	ATG	TAA	0	0	
mORF_-_2497583	2497583	2497591	-	6	9	ATG	TGA	0	0	
mORF_-_2497661	2497661	2497792	-	6	132	TTG	TGA	0	0	
mORF_-_2497666	2497666	2497677	-	5	12	ATG	TGA	0	0	
mORF_-_2497677	2497677	2497721	-	4	45	TTG	TAA	0	0	
mORF_-_2497708	2497708	2497761	-	5	54	TTG	TGA	0	0	
mORF_-_2497746	2497746	2497805	-	4	60	ATG	TAG	0	0	
mORF_-_2497828	2497828	2497842	-	5	15	TTG	TAG	0	0	
mORF_-_2497901	2497901	2497942	-	6	42	TTG	TAG	0	0	
mORF_-_2497914	2497914	2498267	-	4	354	ATG	TAA	1	16	pORF_-_2497914
mORF_-_2497967	2497967	2498002	-	6	36	TTG	TAG	0	0	
mORF_-_2498015	2498015	2498086	-	6	72	ATG	TAG	0	0	
mORF_-_2498099	2498099	2498239	-	6	141	TTG	TGA	0	0	
mORF_-_2498131	2498131	2498199	-	5	69	TTG	TGA	0	0	
mORF_-_2498277	2498277	2498351	-	4	75	TTG	TAA	0	0	
mORF_-_2498336	2498336	2498443	-	6	108	TTG	TAA	0	0	
mORF_-_2498344	2498344	2498370	-	5	27	GTG	TAG	0	0	
mORF_-_2498374	2498374	2498646	-	5	273	GTG	TAG	0	0	
mORF_-_2498415	2498415	2498441	-	4	27	GTG	TGA	0	0	
mORF_-_2498459	2498459	2498662	-	6	204	ATG	TAG	0	0	
mORF_-_2498695	2498695	2498706	-	5	12	TTG	TAG	0	0	
mORF_-_2498703	2498703	2498723	-	4	21	GTG	TGA	0	0	
mORF_-_2498713	2498713	2498853	-	5	141	GTG	TGA	0	0	
mORF_-_2498720	2498720	2498992	-	6	273	ATG	TGA	0	0	
mORF_-_2498850	2498850	2498858	-	4	9	TTG	TGA	0	0	
mORF_-_2498923	2498923	2499051	-	5	129	GTG	TAG	0	0	

mORF_-_2498943	2498943	2498999	-	4	57	ATG	TAA	0	0	
mORF_-_2499052	2499052	2499105	-	5	54	TTG	TAG	0	0	
mORF_-_2499125	2499125	2499226	-	6	102	TTG	TAA	0	0	
mORF_-_2499136	2499136	2499153	-	5	18	ATG	TAA	0	0	
mORF_-_2499150	2499150	2499161	-	4	12	GTG	TGA	0	0	
mORF_-_2499178	2499178	2499420	-	5	243	TTG	TGA	0	0	
mORF_-_2499216	2499216	2499347	-	4	132	TTG	TAA	0	0	
mORF_-_2499281	2499281	2499355	-	6	75	TTG	TAA	0	0	
mORF_-_2499467	2499467	2499601	-	6	135	TTG	TAA	0	0	
mORF_-_2499475	2499475	2499609	-	5	135	ATG	TAA	0	0	
mORF_-_2499610	2499610	2499672	-	5	63	TTG	TGA	0	0	
mORF_-_2499623	2499623	2499790	-	6	168	ATG	TAA	1	2	pORF_-_2499623
mORF_-_2499700	2499700	2499708	-	5	9	ATG	TGA	0	0	
mORF_-_2499730	2499730	2499786	-	5	57	TTG	TAA	0	0	
mORF_-_2499777	2499777	2499797	-	4	21	TTG	TGA	0	0	
mORF_-_2499794	2499794	2499889	-	6	96	ATG	TGA	0	0	
mORF_-_2499828	2499828	2499911	-	4	84	GTG	TAA	0	0	
mORF_-_2499893	2499893	2499901	-	6	9	ATG	TGA	0	0	
mORF_-_2500012	2500012	2502507	-	5	2496	ATG	TGA	7	0	pORF_-_2500012
mORF_-_2500041	2500041	2500070	-	4	30	TTG	TGA	0	0	
mORF_-_2500128	2500128	2500133	-	4	6	ATG	TGA	0	0	
mORF_-_2500137	2500137	2500154	-	4	18	GTG	TGA	0	0	
mORF_-_2500148	2500148	2500255	-	6	108	GTG	TAA	0	0	
mORF_-_2500170	2500170	2500229	-	4	60	TTG	TGA	0	0	
mORF_-_2500278	2500278	2500523	-	4	246	GTG	TAG	0	0	
mORF_-_2500364	2500364	2500384	-	6	21	GTG	TAA	0	0	
mORF_-_2500496	2500496	2500519	-	6	24	ATG	TGA	0	0	
mORF_-_2500520	2500520	2500549	-	6	30	GTG	TGA	0	0	
mORF_-_2500611	2500611	2500673	-	4	63	GTG	TGA	0	0	
mORF_-_2500670	2500670	2500690	-	6	21	ATG	TGA	0	0	
mORF_-_2500716	2500716	2500799	-	4	84	ATG	TAG	0	0	
mORF_-_2500812	2500812	2500949	-	4	138	TTG	TGA	0	0	
mORF_-_2500847	2500847	2500876	-	6	30	GTG	TGA	0	0	
mORF_-_2500946	2500946	2500981	-	6	36	ATG	TGA	0	0	
mORF_-_2501016	2501016	2501084	-	4	69	TTG	TGA	0	0	
mORF_-_2501145	2501145	2501390	-	4	246	GTG	TGA	0	0	
mORF_-_2501475	2501475	2501573	-	4	99	GTG	TGA	0	0	
mORF_-_2501492	2501492	2501512	-	6	21	GTG	TAA	0	0	
mORF_-_2501574	2501574	2501597	-	4	24	GTG	TGA	0	0	
mORF_-_2501643	2501643	2501654	-	4	12	TTG	TGA	0	0	
mORF_-_2501661	2501661	2501669	-	4	9	TTG	TGA	0	0	
mORF_-_2501691	2501691	2501726	-	4	36	TTG	TAA	0	0	
mORF_-_2501748	2501748	2501807	-	4	60	GTG	TGA	0	0	
mORF_-_2501801	2501801	2501851	-	6	51	TTG	TAG	0	0	
mORF_-_2501907	2501907	2501939	-	4	33	ATG	TGA	0	0	
mORF_-_2501946	2501946	2501996	-	4	51	GTG	TGA	0	0	
mORF_-_2502009	2502009	2502065	-	4	57	GTG	TGA	0	0	
mORF_-_2502114	2502114	2502149	-	4	36	ATG	TGA	0	0	
mORF_-_2502207	2502207	2502296	-	4	90	ATG	TGA	0	0	
mORF_-_2502305	2502305	2502322	-	6	18	TTG	TAG	0	0	
mORF_-_2502312	2502312	2502350	-	4	39	TTG	TGA	0	0	
mORF_-_2502351	2502351	2502464	-	4	114	ATG	TGA	0	0	
mORF_-_2502398	2502398	2502433	-	6	36	GTG	TAA	0	0	
mORF_-_2502440	2502440	2502451	-	6	12	GTG	TAA	0	0	
mORF_-_2502524	2502524	2502535	-	6	12	ATG	TGA	0	0	
mORF_-_2502532	2502532	2503569	-	5	1038	ATG	TGA	0	0	
mORF_-_2502546	2502546	2502653	-	4	108	ATG	TGA	0	0	
mORF_-_2502563	2502563	2502646	-	6	84	TTG	TGA	0	0	
mORF_-_2502699	2502699	2502812	-	4	114	TTG	TAA	0	0	
mORF_-_2502828	2502828	2502917	-	4	90	TTG	TAA	0	0	
mORF_-_2502908	2502908	2503060	-	6	153	TTG	TGA	0	0	
mORF_-_2503044	2503044	2503076	-	4	33	TTG	TGA	0	0	
mORF_-_2503089	2503089	2503127	-	4	39	TTG	TGA	0	0	

mORF_-_2503164	2503164	2503391	-	4	228	GTG	TGA	0	0	
mORF_-_2503235	2503235	2503258	-	6	24	GTG	TGA	0	0	
mORF_-_2503398	2503398	2503421	-	4	24	ATG	TGA	0	0	
mORF_-_2503431	2503431	2503532	-	4	102	ATG	TGA	0	0	
mORF_-_2503451	2503451	2503648	-	6	198	ATG	TGA	0	0	
mORF_-_2503569	2503569	2504654	-	4	1086	ATG	TAA	0	0	
mORF_-_2503700	2503700	2503912	-	6	213	TTG	TGA	0	0	
mORF_-_2503949	2503949	2503963	-	6	15	ATG	TGA	0	0	
mORF_-_2503982	2503982	2504113	-	6	132	TTG	TGA	0	0	
mORF_-_2504110	2504110	2504151	-	5	42	GTG	TGA	0	0	
mORF_-_2504180	2504180	2504317	-	6	138	ATG	TGA	0	0	
mORF_-_2504323	2504323	2504352	-	5	30	TTG	TGA	0	0	
mORF_-_2504354	2504354	2504524	-	6	171	GTG	TGA	0	0	
mORF_-_2504531	2504531	2504605	-	6	75	ATG	TGA	0	0	
mORF_-_2504669	2504669	2505916	-	6	1248	ATG	TAA	2	11	pORF_-_2504669
mORF_-_2504740	2504740	2504937	-	5	198	GTG	TAA	0	0	
mORF_-_2504784	2504784	2504828	-	4	45	ATG	TAA	0	0	
mORF_-_2505013	2505013	2505156	-	5	144	TTG	TAA	0	0	
mORF_-_2505196	2505196	2505213	-	5	18	GTG	TGA	0	0	
mORF_-_2505210	2505210	2505458	-	4	249	ATG	TGA	0	0	
mORF_-_2505223	2505223	2505297	-	5	75	TTG	TGA	0	0	
mORF_-_2505382	2505382	2505399	-	5	18	TTG	TGA	0	0	
mORF_-_2505412	2505412	2505423	-	5	12	TTG	TGA	0	0	
mORF_-_2505508	2505508	2505729	-	5	222	TTG	TGA	0	0	
mORF_-_2505751	2505751	2505756	-	5	6	GTG	TGA	0	0	
mORF_-_2505799	2505799	2505921	-	5	123	TTG	TGA	0	0	
mORF_-_2505922	2505922	2505957	-	5	36	TTG	TAA	0	0	
mORF_-_2505938	2505938	2506315	-	6	378	TTG	TAA	0	0	
mORF_-_2505958	2505958	2506023	-	5	66	ATG	TGA	0	0	
mORF_-_2506114	2506114	2506152	-	5	39	TTG	TGA	0	0	
mORF_-_2506156	2506156	2506164	-	5	9	ATG	TGA	0	0	
mORF_-_2506161	2506161	2506241	-	4	81	ATG	TGA	0	0	
mORF_-_2506174	2506174	2506248	-	5	75	TTG	TAG	0	0	
mORF_-_2506279	2506279	2506347	-	5	69	ATG	TGA	0	0	
mORF_-_2506328	2506328	2506411	-	6	84	TTG	TAA	0	0	
mORF_-_2506359	2506359	2506409	-	4	51	GTG	TAA	0	0	
mORF_-_2506483	2506483	2507448	-	5	966	ATG	TAA	32	307	pORF_-_2506483
mORF_-_2506497	2506497	2506718	-	4	222	TTG	TAG	0	0	
mORF_-_2506640	2506640	2506762	-	6	123	TTG	TGA	0	0	
mORF_-_2506839	2506839	2506844	-	4	6	TTG	TGA	0	0	
mORF_-_2506860	2506860	2506967	-	4	108	TTG	TGA	0	0	
mORF_-_2506964	2506964	2506999	-	6	36	TTG	TGA	0	0	
mORF_-_2506992	2506992	2507093	-	4	102	TTG	TAA	0	0	
mORF_-_2507190	2507190	2507201	-	4	12	TTG	TGA	0	0	
mORF_-_2507226	2507226	2507267	-	4	42	TTG	TGA	0	0	
mORF_-_2507240	2507240	2507257	-	6	18	TTG	TGA	0	0	
mORF_-_2507280	2507280	2507426	-	4	147	GTG	TGA	0	0	
mORF_-_2507387	2507387	2507392	-	6	6	GTG	TGA	0	0	
mORF_-_2507423	2507423	2507473	-	6	51	TTG	TGA	0	0	
mORF_-_2507430	2507430	2507438	-	4	9	ATG	TAG	0	0	
mORF_-_2507445	2507445	2507564	-	4	120	TTG	TGA	0	0	
mORF_-_2507486	2507486	2507560	-	6	75	GTG	TGA	0	0	
mORF_-_2507557	2507557	2507562	-	5	6	GTG	TGA	0	0	
mORF_-_2507565	2507565	2507660	-	4	96	ATG	TAA	0	0	
mORF_-_2507570	2507570	2507830	-	6	261	ATG	TAA	0	0	
mORF_-_2507620	2507620	2507706	-	5	87	TTG	TAG	0	0	
mORF_-_2507725	2507725	2507817	-	5	93	GTG	TAA	0	0	
mORF_-_2507760	2507760	2507780	-	4	21	TTG	TAA	0	0	
mORF_-_2507844	2507844	2507891	-	4	48	ATG	TAG	0	0	
mORF_-_2507878	2507878	2507931	-	5	54	GTG	TGA	0	0	
mORF_-_2507888	2507888	2508136	-	6	249	GTG	TGA	0	0	
mORF_-_2507959	2507959	2507970	-	5	12	ATG	TAA	0	0	
mORF_-_2507970	2507970	2508014	-	4	45	ATG	TAA	0	0	

mORF_-_2508094	2508094	2508243	-	5	150	GTG	TAG	0	0	
mORF_-_2508099	2508099	2508167	-	4	69	TTG	TAA	0	0	
mORF_-_2508247	2508247	2508279	-	5	33	GTG	TAG	0	0	
mORF_-_2508255	2508255	2508272	-	4	18	ATG	TAA	0	0	
mORF_-_2508269	2508269	2508286	-	6	18	ATG	TGA	0	0	
mORF_-_2508276	2508276	2508293	-	4	18	ATG	TGA	0	0	
mORF_-_2508293	2508293	2508352	-	6	60	ATG	TAA	0	0	
mORF_-_2508322	2508322	2508387	-	5	66	GTG	TGA	0	0	
mORF_-_2508381	2508381	2508410	-	4	30	TTG	TAA	0	0	
mORF_-_2508493	2508493	2508528	-	5	36	TTG	TAA	0	0	
mORF_-_2508530	2508530	2508544	-	6	15	GTG	TGA	0	0	
mORF_-_2508551	2508551	2508871	-	6	321	TTG	TAA	0	0	
mORF_-_2508571	2508571	2508699	-	5	129	TTG	TAA	0	0	
mORF_-_2508654	2508654	2508677	-	4	24	GTG	TAA	0	0	
mORF_-_2508715	2508715	2508744	-	5	30	GTG	TAG	0	0	
mORF_-_2508766	2508766	2508798	-	5	33	ATG	TAA	0	0	
mORF_-_2508820	2508820	2508834	-	5	15	ATG	TGA	0	0	
mORF_-_2508843	2508843	2508911	-	4	69	TTG	TAA	0	0	
mORF_-_2508868	2508868	2508891	-	5	24	GTG	TGA	0	0	
mORF_-_2508925	2508925	2509023	-	5	99	TTG	TAA	0	0	
mORF_-_2508932	2508932	2509114	-	6	183	TTG	TAA	0	0	
mORF_-_2509027	2509027	2509062	-	5	36	ATG	TGA	0	0	
mORF_-_2509063	2509063	2509080	-	5	18	TTG	TAA	0	0	
mORF_-_2509093	2509093	2509110	-	5	18	TTG	TGA	0	0	
mORF_-_2509111	2509111	2509362	-	5	252	TTG	TGA	0	0	
mORF_-_2509116	2509116	2509370	-	4	255	GTG	TAA	0	0	
mORF_-_2509181	2509181	2509195	-	6	15	TTG	TAG	0	0	
mORF_-_2509196	2509196	2509210	-	6	15	TTG	TAA	0	0	
mORF_-_2509346	2509346	2509372	-	6	27	TTG	TAA	0	0	
mORF_-_2509387	2509387	2509485	-	5	99	ATG	TAG	0	0	
mORF_-_2509406	2509406	2509411	-	6	6	TTG	TAG	0	0	
mORF_-_2509421	2509421	2509489	-	6	69	TTG	TAA	0	0	
mORF_-_2509446	2509446	2509463	-	4	18	TTG	TAA	0	0	
mORF_-_2509490	2509490	2510728	-	6	1239	ATG	TAG	1	3	pORF_-_2509490
mORF_-_2509528	2509528	2509551	-	5	24	TTG	TGA	0	0	
mORF_-_2509600	2509600	2509614	-	5	15	GTG	TGA	0	0	
mORF_-_2509611	2509611	2509757	-	4	147	GTG	TGA	0	0	
mORF_-_2509624	2509624	2509656	-	5	33	TTG	TGA	0	0	
mORF_-_2509708	2509708	2509719	-	5	12	TTG	TGA	0	0	
mORF_-_2509789	2509789	2509842	-	5	54	TTG	TGA	0	0	
mORF_-_2509849	2509849	2509857	-	5	9	TTG	TAA	0	0	
mORF_-_2509897	2509897	2509926	-	5	30	GTG	TGA	0	0	
mORF_-_2509911	2509911	2510021	-	4	111	ATG	TGA	0	0	
mORF_-_2509969	2509969	2509995	-	5	27	TTG	TGA	0	0	
mORF_-_2509999	2509999	2510058	-	5	60	ATG	TGA	0	0	
mORF_-_2510092	2510092	2510097	-	5	6	ATG	TGA	0	0	
mORF_-_2510212	2510212	2510259	-	5	48	TTG	TGA	0	0	
mORF_-_2510326	2510326	2510418	-	5	93	TTG	TGA	0	0	
mORF_-_2510367	2510367	2510447	-	4	81	GTG	TAA	0	0	
mORF_-_2510449	2510449	2510505	-	5	57	TTG	TAG	0	0	
mORF_-_2510493	2510493	2510570	-	4	78	GTG	TAA	0	0	
mORF_-_2510545	2510545	2510649	-	5	105	TTG	TGA	0	0	
mORF_-_2510677	2510677	2510712	-	5	36	TTG	TGA	0	0	
mORF_-_2510709	2510709	2510798	-	4	90	ATG	TGA	0	0	
mORF_-_2510738	2510738	2510746	-	6	9	ATG	TAG	0	0	
mORF_-_2510767	2510767	2510775	-	5	9	TTG	TAG	0	0	
mORF_-_2510842	2510842	2510967	-	5	126	GTG	TAG	0	0	
mORF_-_2510886	2510886	2510894	-	4	9	ATG	TAA	0	0	
mORF_-_2510895	2510895	2510948	-	4	54	GTG	TAA	0	0	
mORF_-_2510906	2510906	2510920	-	6	15	GTG	TGA	0	0	
mORF_-_2510948	2510948	2510977	-	6	30	ATG	TAG	0	0	
mORF_-_2510964	2510964	2511050	-	4	87	ATG	TGA	0	0	
mORF_-_2510989	2510989	2511030	-	5	42	GTG	TGA	0	0	

mORF_-_2511014	2511014	2511019	-	6	6	ATG	TAA	0	0	
mORF_-_2511037	2511037	2511168	-	5	132	TTG	TAA	0	0	
mORF_-_2511047	2511047	2511118	-	6	72	GTG	TGA	0	0	
mORF_-_2511078	2511078	2511140	-	4	63	TTG	TGA	0	0	
mORF_-_2511165	2511165	2511308	-	4	144	ATG	TGA	0	0	
mORF_-_2511223	2511223	2511987	-	5	765	TTG	TAA	0	0	
mORF_-_2511287	2511287	2511355	-	6	69	TTG	TAG	0	0	
mORF_-_2511315	2511315	2511461	-	4	147	TTG	TGA	1	2	pORF_-_2511315
mORF_-_2511362	2511362	2511373	-	6	12	GTG	TAA	0	0	
mORF_-_2511413	2511413	2511424	-	6	12	TTG	TGA	0	0	
mORF_-_2511515	2511515	2511616	-	6	102	ATG	TAA	0	0	
mORF_-_2511522	2511522	2511701	-	4	180	TTG	TAG	0	0	
mORF_-_2511705	2511705	2511746	-	4	42	TTG	TAA	0	0	
mORF_-_2511759	2511759	2511881	-	4	123	GTG	TGA	0	0	
mORF_-_2511842	2511842	2511871	-	6	30	GTG	TAA	0	0	
mORF_-_2511884	2511884	2511982	-	6	99	GTG	TAA	0	0	
mORF_-_2511900	2511900	2511923	-	4	24	ATG	TAG	0	0	
mORF_-_2511930	2511930	2511935	-	4	6	ATG	TAG	0	0	
mORF_-_2511939	2511939	2512091	-	4	153	ATG	TAG	0	0	
mORF_-_2512115	2512115	2512129	-	6	15	TTG	TAG	0	0	
mORF_-_2512126	2512126	2512173	-	5	48	TTG	TGA	0	0	
mORF_-_2512217	2512217	2512300	-	6	84	ATG	TAG	0	0	
mORF_-_2512243	2512243	2512272	-	5	30	ATG	TGA	0	0	
mORF_-_2512326	2512326	2512367	-	4	42	GTG	TAA	0	0	
mORF_-_2512342	2512342	2512521	-	5	180	ATG	TAA	0	0	
mORF_-_2512377	2512377	2512394	-	4	18	ATG	TGA	0	0	
mORF_-_2512499	2512499	2512534	-	6	36	GTG	TAA	0	0	
mORF_-_2512521	2512521	2512553	-	4	33	ATG	TAA	0	0	
mORF_-_2512531	2512531	2512638	-	5	108	GTG	TGA	0	0	
mORF_-_2512544	2512544	2512621	-	6	78	ATG	TGA	0	0	
mORF_-_2512566	2512566	2512634	-	4	69	TTG	TAA	0	0	
mORF_-_2512657	2512657	2512707	-	5	51	TTG	TAA	0	0	
mORF_-_2512743	2512743	2512766	-	4	24	ATG	TAG	0	0	
mORF_-_2512772	2512772	2512855	-	6	84	ATG	TGA	0	0	
mORF_-_2512777	2512777	2513085	-	5	309	GTG	TGA	0	0	
mORF_-_2512791	2512791	2512835	-	4	45	TTG	TAG	0	0	
mORF_-_2512896	2512896	2512937	-	4	42	GTG	TGA	0	0	
mORF_-_2512934	2512934	2513092	-	6	159	ATG	TGA	0	0	
mORF_-_2513089	2513089	2513121	-	5	33	ATG	TGA	0	0	
mORF_-_2513121	2513121	2513204	-	4	84	ATG	TAA	0	0	
mORF_-_2513143	2513143	2513223	-	5	81	ATG	TGA	0	0	
mORF_-_2513241	2513241	2513321	-	4	81	GTG	TGA	0	0	
mORF_-_2513264	2513264	2513407	-	6	144	ATG	TAA	0	0	
mORF_-_2513305	2513305	2513340	-	5	36	TTG	TGA	0	0	
mORF_-_2513374	2513374	2513418	-	5	45	ATG	TAG	0	0	
mORF_-_2513394	2513394	2513516	-	4	123	ATG	TAA	0	0	
mORF_-_2513462	2513462	2513485	-	6	24	TTG	TAG	0	0	
mORF_-_2513503	2513503	2513616	-	5	114	TTG	TAA	0	0	
mORF_-_2513541	2513541	2513600	-	4	60	ATG	TAG	0	0	
mORF_-_2513576	2513576	2513587	-	6	12	GTG	TAA	0	0	
mORF_-_2513665	2513665	2515971	-	5	2307	GTG	TAA	3	8	pORF_-_2513665
mORF_-_2513673	2513673	2513693	-	4	21	TTG	TAG	0	0	
mORF_-_2513694	2513694	2513777	-	4	84	GTG	TGA	0	0	
mORF_-_2513814	2513814	2513819	-	4	6	TTG	TGA	0	0	
mORF_-_2513820	2513820	2513846	-	4	27	TTG	TGA	0	0	
mORF_-_2513853	2513853	2513870	-	4	18	TTG	TGA	0	0	
mORF_-_2513898	2513898	2514089	-	4	192	TTG	TAA	0	0	
mORF_-_2514062	2514062	2514172	-	6	111	GTG	TAA	0	0	
mORF_-_2514174	2514174	2514230	-	4	57	TTG	TGA	0	0	
mORF_-_2514255	2514255	2514272	-	4	18	ATG	TGA	0	0	
mORF_-_2514276	2514276	2514350	-	4	75	GTG	TGA	0	0	
mORF_-_2514378	2514378	2514446	-	4	69	ATG	TGA	0	0	
mORF_-_2514480	2514480	2514545	-	4	66	ATG	TAA	0	0	

mORF_-_2514645	2514645	2514659	-	4	15	GTG	TAG	0	0	
mORF_-_2514659	2514659	2514718	-	6	60	TTG	TAG	0	0	
mORF_-_2514765	2514765	2514842	-	4	78	GTG	TGA	0	0	
mORF_-_2514782	2514782	2514799	-	6	18	TTG	TGA	0	0	
mORF_-_2514873	2514873	2514911	-	4	39	GTG	TGA	0	0	
mORF_-_2514899	2514899	2514907	-	6	9	ATG	TAA	0	0	
mORF_-_2514908	2514908	2514946	-	6	39	TTG	TGA	0	0	
mORF_-_2514950	2514950	2515039	-	6	90	TTG	TAG	0	0	
mORF_-_2514960	2514960	2514971	-	4	12	TTG	TGA	0	0	
mORF_-_2515065	2515065	2515154	-	4	90	ATG	TAA	0	0	
mORF_-_2515151	2515151	2515258	-	6	108	GTG	TGA	0	0	
mORF_-_2515203	2515203	2515271	-	4	69	TTG	TAA	0	0	
mORF_-_2515281	2515281	2515286	-	4	6	TTG	TAA	0	0	
mORF_-_2515344	2515344	2515379	-	4	36	ATG	TAA	0	0	
mORF_-_2515401	2515401	2515430	-	4	30	TTG	TAA	0	0	
mORF_-_2515412	2515412	2515561	-	6	150	GTG	TGA	0	0	
mORF_-_2515461	2515461	2515496	-	4	36	ATG	TGA	0	0	
mORF_-_2515506	2515506	2515679	-	4	174	TTG	TGA	0	0	
mORF_-_2515580	2515580	2515720	-	6	141	GTG	TAG	0	0	
mORF_-_2515701	2515701	2515754	-	4	54	TTG	TAA	0	0	
mORF_-_2515833	2515833	2515871	-	4	39	GTG	TGA	0	0	
mORF_-_2515868	2515868	2515924	-	6	57	TTG	TGA	0	0	
mORF_-_2515884	2515884	2515895	-	4	12	TTG	TGA	0	0	
mORF_-_2515905	2515905	2515955	-	4	51	ATG	TAA	0	0	
mORF_-_2515952	2515952	2516107	-	6	156	ATG	TGA	0	0	
mORF_-_2515968	2515968	2516111	-	4	144	TTG	TGA	0	0	
mORF_-_2516002	2516002	2516016	-	5	15	TTG	TAA	0	0	
mORF_-_2516071	2516071	2516226	-	5	156	TTG	TAG	0	0	
mORF_-_2516129	2516129	2516173	-	6	45	TTG	TAG	0	0	
mORF_-_2516148	2516148	2516222	-	4	75	ATG	TAA	0	0	
mORF_-_2516244	2516244	2516327	-	4	84	TTG	TAG	0	0	
mORF_-_2516255	2516255	2516359	-	6	105	TTG	TGA	0	0	
mORF_-_2516311	2516311	2516367	-	5	57	TTG	TGA	0	0	
mORF_-_2516352	2516352	2516387	-	4	36	ATG	TGA	0	0	
mORF_-_2516388	2516388	2516402	-	4	15	ATG	TGA	0	0	
mORF_-_2516399	2516399	2516407	-	6	9	GTG	TGA	0	0	
mORF_-_2516404	2516404	2516460	-	5	57	ATG	TGA	0	0	
mORF_-_2516442	2516442	2516456	-	4	15	ATG	TAG	0	0	
mORF_-_2516461	2516461	2516481	-	5	21	TTG	TGA	0	0	
mORF_-_2516478	2516478	2516495	-	4	18	GTG	TGA	0	0	
mORF_-_2516521	2516521	2516601	-	5	81	TTG	TAG	0	0	
mORF_-_2516538	2516538	2516579	-	4	42	TTG	TAA	0	0	
mORF_-_2516573	2516573	2516755	-	6	183	TTG	TGA	0	0	
mORF_-_2516614	2516614	2516649	-	5	36	TTG	TGA	0	0	
mORF_-_2516619	2516619	2516726	-	4	108	GTG	TGA	0	0	
mORF_-_2516668	2516668	2516829	-	5	162	TTG	TGA	0	0	
mORF_-_2516763	2516763	2516768	-	4	6	ATG	TAA	0	0	
mORF_-_2516801	2516801	2516806	-	6	6	TTG	TAA	0	0	
mORF_-_2516810	2516810	2516863	-	6	54	GTG	TAA	0	0	
mORF_-_2516844	2516844	2517164	-	4	321	TTG	TAA	0	0	
mORF_-_2517007	2517007	2517090	-	5	84	GTG	TAA	0	0	
mORF_-_2517011	2517011	2517190	-	6	180	TTG	TGA	0	0	
mORF_-_2517115	2517115	2517225	-	5	111	ATG	TGA	0	0	
mORF_-_2517268	2517268	2517273	-	5	6	GTG	TAA	0	0	
mORF_-_2517275	2517275	2517394	-	6	120	GTG	TAG	0	0	
mORF_-_2517279	2517279	2518694	-	4	1416	ATG	TAA	93	637	pORF_-_2517279
mORF_-_2517398	2517398	2517520	-	6	123	GTG	TAA	0	0	
mORF_-_2517545	2517545	2517592	-	6	48	TTG	TAG	0	0	
mORF_-_2517662	2517662	2517742	-	6	81	ATG	TGA	0	0	
mORF_-_2517712	2517712	2517723	-	5	12	GTG	TGA	0	0	
mORF_-_2517760	2517760	2517783	-	5	24	GTG	TAA	0	0	
mORF_-_2517776	2517776	2517829	-	6	54	ATG	TGA	0	0	
mORF_-_2517848	2517848	2517859	-	6	12	GTG	TGA	0	0	

mORF_-_2517911	2517911	2517943	-	6	33	GTG	TGA	0	0	
mORF_-_2517953	2517953	2518003	-	6	51	ATG	TAA	0	0	
mORF_-_2518043	2518043	2518348	-	6	306	GTG	TGA	0	0	
mORF_-_2518264	2518264	2518284	-	5	21	GTG	TAA	0	0	
mORF_-_2518390	2518390	2518404	-	5	15	ATG	TAA	0	0	
mORF_-_2518439	2518439	2518489	-	6	51	ATG	TGA	0	0	
mORF_-_2518486	2518486	2518494	-	5	9	GTG	TGA	0	0	
mORF_-_2518511	2518511	2518645	-	6	135	TTG	TGA	0	0	
mORF_-_2518600	2518600	2518734	-	5	135	TTG	TAA	0	0	
mORF_-_2518710	2518710	2518862	-	4	153	ATG	TAA	0	0	
mORF_-_2518807	2518807	2519022	-	5	216	GTG	TAA	0	0	
mORF_-_2518896	2518896	2518916	-	4	21	ATG	TAA	0	0	
mORF_-_2518913	2518913	2518945	-	6	33	GTG	TGA	0	0	
mORF_-_2518959	2518959	2518979	-	4	21	GTG	TAA	0	0	
mORF_-_2518985	2518985	2519029	-	6	45	TTG	TAA	0	0	
mORF_-_2519030	2519030	2519059	-	6	30	TTG	TAG	0	0	
mORF_-_2519035	2519035	2519142	-	5	108	GTG	TAA	0	0	
mORF_-_2519079	2519079	2519099	-	4	21	GTG	TAA	0	0	
mORF_-_2519105	2519105	2519149	-	6	45	GTG	TAA	0	0	
mORF_-_2519139	2519139	2519264	-	4	126	GTG	TGA	0	0	
mORF_-_2519201	2519201	2519221	-	6	21	GTG	TAA	0	0	
mORF_-_2519227	2519227	2519271	-	5	45	GTG	TAA	0	0	
mORF_-_2519281	2519281	2519316	-	5	36	TTG	TAA	0	0	
mORF_-_2519309	2519309	2519341	-	6	33	GTG	TAA	0	0	
mORF_-_2519313	2519313	2519399	-	4	87	TTG	TGA	0	0	
mORF_-_2519383	2519383	2519490	-	5	108	ATG	TAG	0	0	
mORF_-_2519396	2519396	2519497	-	6	102	GTG	TGA	0	0	
mORF_-_2519487	2519487	2519507	-	4	21	TTG	TGA	0	0	
mORF_-_2519522	2519522	2519575	-	6	54	GTG	TAG	0	0	
mORF_-_2519576	2519576	2519614	-	6	39	GTG	TAA	0	0	
mORF_-_2519615	2519615	2520514	-	6	900	ATG	TAG	1	15	pORF_-_2519615
mORF_-_2519656	2519656	2519727	-	5	72	GTG	TGA	0	0	
mORF_-_2519761	2519761	2520123	-	5	363	TTG	TGA	0	0	
mORF_-_2519814	2519814	2519858	-	4	45	TTG	TAA	0	0	
mORF_-_2520126	2520126	2520176	-	4	51	GTG	TAA	0	0	
mORF_-_2520190	2520190	2520204	-	5	15	TTG	TAG	0	0	
mORF_-_2520226	2520226	2520261	-	5	36	ATG	TAG	0	0	
mORF_-_2520406	2520406	2520429	-	5	24	TTG	TAA	0	0	
mORF_-_2520445	2520445	2520453	-	5	9	TTG	TAG	0	0	
mORF_-_2520471	2520471	2520527	-	4	57	ATG	TAA	0	0	
mORF_-_2520532	2520532	2520543	-	5	12	ATG	TAA	0	0	
mORF_-_2520540	2520540	2520698	-	4	159	GTG	TGA	0	0	
mORF_-_2520557	2520557	2520670	-	6	114	TTG	TGA	0	0	
mORF_-_2520698	2520698	2520715	-	6	18	ATG	TAG	0	0	
mORF_-_2520751	2520751	2522007	-	5	1257	ATG	TAA	0	0	
mORF_-_2520774	2520774	2520809	-	4	36	TTG	TAA	0	0	
mORF_-_2520800	2520800	2520934	-	6	135	ATG	TAA	0	0	
mORF_-_2520819	2520819	2520848	-	4	30	TTG	TGA	0	0	
mORF_-_2520876	2520876	2520884	-	4	9	ATG	TAA	0	0	
mORF_-_2520900	2520900	2520914	-	4	15	GTG	TAG	0	0	
mORF_-_2520915	2520915	2520947	-	4	33	ATG	TGA	0	0	
mORF_-_2520957	2520957	2521061	-	4	105	TTG	TGA	0	0	
mORF_-_2521062	2521062	2521124	-	4	63	TTG	TGA	0	0	
mORF_-_2521152	2521152	2521175	-	4	24	TTG	TGA	0	0	
mORF_-_2521257	2521257	2521346	-	4	90	GTG	TGA	0	0	
mORF_-_2521353	2521353	2521457	-	4	105	TTG	TGA	0	0	
mORF_-_2521476	2521476	2521508	-	4	33	GTG	TGA	0	0	
mORF_-_2521532	2521532	2521567	-	6	36	GTG	TAG	0	0	
mORF_-_2521557	2521557	2521595	-	4	39	TTG	TAA	0	0	
mORF_-_2521620	2521620	2521703	-	4	84	ATG	TGA	0	0	
mORF_-_2521628	2521628	2521720	-	6	93	TTG	TGA	0	0	
mORF_-_2521736	2521736	2521816	-	6	81	ATG	TGA	0	0	
mORF_-_2521740	2521740	2521799	-	4	60	GTG	TAA	0	0	

mORF_-_2521836	2521836	2521892	-	4	57	ATG	TAA	0	0
mORF_-_2521916	2521916	2522029	-	6	114	ATG	TAA	0	0
mORF_-_2522004	2522004	2522039	-	4	36	GTG	TGA	0	0
mORF_-_2522026	2522026	2522094	-	5	69	TTG	TGA	0	0
mORF_-_2522036	2522036	2522149	-	6	114	ATG	TGA	0	0
mORF_-_2522067	2522067	2522900	-	4	834	ATG	TGA	0	0
mORF_-_2522159	2522159	2522164	-	6	6	ATG	TGA	0	0
mORF_-_2522168	2522168	2522278	-	6	111	TTG	TAA	0	0
mORF_-_2522212	2522212	2522223	-	5	12	TTG	TAA	0	0
mORF_-_2522351	2522351	2522452	-	6	102	ATG	TGA	0	0
mORF_-_2522501	2522501	2522554	-	6	54	ATG	TGA	0	0
mORF_-_2522605	2522605	2522661	-	5	57	ATG	TGA	0	0
mORF_-_2522618	2522618	2522626	-	6	9	GTG	TGA	0	0
mORF_-_2522693	2522693	2522713	-	6	21	ATG	TAG	0	0
mORF_-_2522723	2522723	2522773	-	6	51	TTG	TAA	0	0
mORF_-_2522839	2522839	2522865	-	5	27	TTG	TAA	0	0
mORF_-_2522875	2522875	2522904	-	5	30	ATG	TAA	0	0
mORF_-_2522939	2522939	2522986	-	6	48	ATG	TAA	0	0
mORF_-_2522962	2522962	2522982	-	5	21	GTG	TAA	0	0
mORF_-_2522979	2522979	2522990	-	4	12	TTG	TGA	0	0
mORF_-_2523029	2523029	2523037	-	6	9	GTG	TAA	0	0
mORF_-_2523060	2523060	2523080	-	4	21	TTG	TAA	0	0
mORF_-_2523074	2523074	2523097	-	6	24	TTG	TAA	0	0
mORF_-_2523091	2523091	2523135	-	5	45	ATG	TAA	0	0
mORF_-_2523119	2523119	2523160	-	6	42	ATG	TAG	0	0
mORF_-_2523147	2523147	2523176	-	4	30	GTG	TAG	0	0
mORF_-_2523188	2523188	2523250	-	6	63	ATG	TAA	0	0
mORF_-_2523250	2523250	2523303	-	5	54	TTG	TAA	0	0
mORF_-_2523273	2523273	2523299	-	4	27	GTG	TAG	0	0
mORF_-_2523296	2523296	2523622	-	6	327	TTG	TGA	0	0
mORF_-_2523427	2523427	2523447	-	5	21	TTG	TAA	0	0
mORF_-_2523454	2523454	2523468	-	5	15	GTG	TAA	0	0
mORF_-_2523481	2523481	2523501	-	5	21	GTG	TAG	0	0
mORF_-_2523559	2523559	2523591	-	5	33	TTG	TAG	0	0
mORF_-_2523628	2523628	2523642	-	5	15	TTG	TAA	0	0
mORF_-_2523670	2523670	2523711	-	5	42	TTG	TAA	0	0
mORF_-_2523741	2523741	2523815	-	4	75	GTG	TAG	0	0
mORF_-_2523745	2523745	2523819	-	5	75	ATG	TAG	0	0
mORF_-_2523812	2523812	2523817	-	6	6	GTG	TGA	0	0
mORF_-_2523832	2523832	2523855	-	5	24	TTG	TGA	0	0
mORF_-_2523889	2523889	2523900	-	5	12	TTG	TAG	0	0
mORF_-_2523918	2523918	2523950	-	4	33	GTG	TAA	0	0
mORF_-_2523947	2523947	2524024	-	6	78	ATG	TGA	0	0
mORF_-_2523952	2523952	2524878	-	5	927	ATG	TAG	0	0
mORF_-_2523990	2523990	2523998	-	4	9	ATG	TAA	0	0
mORF_-_2524074	2524074	2524091	-	4	18	TTG	TGA	0	0
mORF_-_2524179	2524179	2524262	-	4	84	TTG	TAG	0	0
mORF_-_2524263	2524263	2524454	-	4	192	ATG	TGA	0	0
mORF_-_2524355	2524355	2524369	-	6	15	TTG	TAG	0	0
mORF_-_2524400	2524400	2524483	-	6	84	GTG	TGA	0	0
mORF_-_2524476	2524476	2524544	-	4	69	TTG	TAA	0	0
mORF_-_2524538	2524538	2524549	-	6	12	ATG	TGA	0	0
mORF_-_2524647	2524647	2524742	-	4	96	GTG	TGA	0	0
mORF_-_2524764	2524764	2524769	-	4	6	GTG	TGA	0	0
mORF_-_2524791	2524791	2524814	-	4	24	GTG	TGA	0	0
mORF_-_2524817	2524817	2525083	-	6	267	GTG	TAG	0	0
mORF_-_2524888	2524888	2524911	-	5	24	TTG	TGA	0	0
mORF_-_2524914	2524914	2524949	-	4	36	ATG	TAA	0	0
mORF_-_2524921	2524921	2524956	-	5	36	ATG	TGA	0	0
mORF_-_2525001	2525001	2525171	-	4	171	ATG	TAA	0	0
mORF_-_2525156	2525156	2525191	-	6	36	GTG	TGA	0	0
mORF_-_2525276	2525276	2525323	-	6	48	GTG	TAG	0	0
mORF_-_2525296	2525296	2525313	-	5	18	TTG	TAG	0	0

mORF_-_2525320	2525320	2525403	-	5	84	ATG	TGA	0	0	
mORF_-_2525397	2525397	2525633	-	4	237	ATG	TGA	0	0	
mORF_-_2525429	2525429	2525578	-	6	150	ATG	TGA	0	0	
mORF_-_2525591	2525591	2525824	-	6	234	GTG	TAA	0	0	
mORF_-_2525617	2525617	2525652	-	5	36	ATG	TAA	0	0	
mORF_-_2525649	2525649	2525876	-	4	228	TTG	TGA	0	0	
mORF_-_2525713	2525713	2525721	-	5	9	GTG	TAA	0	0	
mORF_-_2525755	2525755	2525826	-	5	72	ATG	TAG	0	0	
mORF_-_2525867	2525867	2525911	-	6	45	TTG	TGA	0	0	
mORF_-_2525963	2525963	2526274	-	6	312	GTG	TAA	0	0	
mORF_-_2526034	2526034	2526078	-	5	45	TTG	TAA	0	0	
mORF_-_2526063	2526063	2526083	-	4	21	GTG	TGA	0	0	
mORF_-_2526109	2526109	2526135	-	5	27	TTG	TAA	0	0	
mORF_-_2526154	2526154	2526162	-	5	9	TTG	TAG	0	0	
mORF_-_2526183	2526183	2528198	-	4	2016	ATG	TGA	32	139	pORF_-_2526183
mORF_-_2526281	2526281	2526358	-	6	78	GTG	TGA	0	0	
mORF_-_2526371	2526371	2526676	-	6	306	TTG	TAA	0	0	
mORF_-_2526752	2526752	2526871	-	6	120	TTG	TGA	0	0	
mORF_-_2526878	2526878	2526901	-	6	24	GTG	TGA	0	0	
mORF_-_2526889	2526889	2526906	-	5	18	TTG	TAA	0	0	
mORF_-_2526908	2526908	2527000	-	6	93	GTG	TGA	0	0	
mORF_-_2526958	2526958	2526978	-	5	21	TTG	TGA	0	0	
mORF_-_2527070	2527070	2527120	-	6	51	ATG	TGA	0	0	
mORF_-_2527139	2527139	2527231	-	6	93	TTG	TGA	0	0	
mORF_-_2527265	2527265	2527300	-	6	36	TTG	TAG	0	0	
mORF_-_2527334	2527334	2527420	-	6	87	GTG	TGA	0	0	
mORF_-_2527417	2527417	2527455	-	5	39	GTG	TGA	0	0	
mORF_-_2527427	2527427	2527687	-	6	261	GTG	TAA	0	0	
mORF_-_2527727	2527727	2527804	-	6	78	GTG	TGA	0	0	
mORF_-_2527808	2527808	2527849	-	6	42	ATG	TAG	0	0	
mORF_-_2527856	2527856	2527864	-	6	9	GTG	TGA	0	0	
mORF_-_2527861	2527861	2527869	-	5	9	GTG	TGA	0	0	
mORF_-_2527892	2527892	2527975	-	6	84	ATG	TGA	0	0	
mORF_-_2528012	2528012	2528017	-	6	6	GTG	TAG	0	0	
mORF_-_2528084	2528084	2528122	-	6	39	ATG	TGA	0	0	
mORF_-_2528126	2528126	2528146	-	6	21	ATG	TGA	0	0	
mORF_-_2528143	2528143	2528211	-	5	69	TTG	TGA	0	0	
mORF_-_2528174	2528174	2528230	-	6	57	TTG	TGA	0	0	
mORF_-_2528269	2528269	2529306	-	5	1038	GTG	TGA	14	79	pORF_-_2528269
mORF_-_2528334	2528334	2528381	-	4	48	TTG	TGA	0	0	
mORF_-_2528403	2528403	2528462	-	4	60	GTG	TGA	0	0	
mORF_-_2528481	2528481	2528495	-	4	15	TTG	TGA	0	0	
mORF_-_2528508	2528508	2528549	-	4	42	ATG	TGA	0	0	
mORF_-_2528577	2528577	2528630	-	4	54	GTG	TGA	0	0	
mORF_-_2528745	2528745	2529038	-	4	294	ATG	TAG	0	0	
mORF_-_2529042	2529042	2529113	-	4	72	GTG	TGA	0	0	
mORF_-_2529132	2529132	2529188	-	4	57	ATG	TAA	0	0	
mORF_-_2529204	2529204	2529224	-	4	21	TTG	TAA	0	0	
mORF_-_2529255	2529255	2529278	-	4	24	GTG	TAA	0	0	
mORF_-_2529272	2529272	2529298	-	6	27	ATG	TAG	0	0	
mORF_-_2529306	2529306	2529425	-	4	120	TTG	TAG	0	0	
mORF_-_2529323	2529323	2529343	-	6	21	GTG	TAA	0	0	
mORF_-_2529346	2529346	2529363	-	5	18	TTG	TAA	0	0	
mORF_-_2529353	2529353	2529403	-	6	51	ATG	TGA	0	0	
mORF_-_2529407	2529407	2529466	-	6	60	TTG	TAG	0	0	
mORF_-_2529463	2529463	2529501	-	5	39	GTG	TGA	0	0	
mORF_-_2529483	2529483	2529497	-	4	15	ATG	TAA	0	0	
mORF_-_2529494	2529494	2529559	-	6	66	TTG	TGA	0	0	
mORF_-_2529498	2529498	2529512	-	4	15	GTG	TGA	0	0	
mORF_-_2529526	2529526	2529669	-	5	144	ATG	TAG	0	0	
mORF_-_2529597	2529597	2529623	-	4	27	ATG	TGA	0	0	
mORF_-_2529636	2529636	2529641	-	4	6	GTG	TAA	0	0	
mORF_-_2529689	2529689	2529694	-	6	6	TTG	TAG	0	0	

mORF_-_2529703	2529703	2529729	-	5	27	ATG	TAA	0	0
mORF_-_2529751	2529751	2529891	-	5	141	ATG	TAG	0	0
mORF_-_2529792	2529792	2529824	-	4	33	GTG	TAA	0	0
mORF_-_2529800	2529800	2529907	-	6	108	TTG	TAA	0	0
mORF_-_2529837	2529837	2529842	-	4	6	GTG	TAG	0	0
mORF_-_2529888	2529888	2529935	-	4	48	TTG	TGA	0	0
mORF_-_2529944	2529944	2529976	-	6	33	TTG	TAG	0	0
mORF_-_2529952	2529952	2530026	-	5	75	ATG	TAA	0	0
mORF_-_2530019	2530019	2530057	-	6	39	GTG	TAA	0	0
mORF_-_2530039	2530039	2530173	-	5	135	ATG	TAA	0	0
mORF_-_2530068	2530068	2530097	-	4	30	GTG	TAA	0	0
mORF_-_2530127	2530127	2530321	-	6	195	ATG	TAA	0	0
mORF_-_2530306	2530306	2530326	-	5	21	ATG	TAA	0	0
mORF_-_2530360	2530360	2530371	-	5	12	ATG	TAA	0	0
mORF_-_2530390	2530390	2530413	-	5	24	ATG	TAG	0	0
mORF_-_2530410	2530410	2530472	-	4	63	GTG	TGA	0	0
mORF_-_2530418	2530418	2530432	-	6	15	ATG	TAA	0	0
mORF_-_2530469	2530469	2530576	-	6	108	ATG	TGA	0	0
mORF_-_2530552	2530552	2530659	-	5	108	GTG	TAA	0	0
mORF_-_2530685	2530685	2530867	-	6	183	TTG	TAA	0	0
mORF_-_2530693	2530693	2530758	-	5	66	TTG	TGA	0	0
mORF_-_2530749	2530749	2531105	-	4	357	ATG	TAA	0	0
mORF_-_2530780	2530780	2530800	-	5	21	TTG	TAG	0	0
mORF_-_2530861	2530861	2530875	-	5	15	TTG	TGA	0	0
mORF_-_2530886	2530886	2530900	-	6	15	GTG	TGA	0	0
mORF_-_2530991	2530991	2531014	-	6	24	TTG	TAG	0	0
mORF_-_2531023	2531023	2531046	-	5	24	TTG	TAA	0	0
mORF_-_2531111	2531111	2531308	-	6	198	TTG	TGA	0	0
mORF_-_2531280	2531280	2531285	-	4	6	TTG	TAG	0	0
mORF_-_2531320	2531320	2531361	-	5	42	ATG	TAA	0	0
mORF_-_2531345	2531345	2531434	-	6	90	GTG	TAA	0	0
mORF_-_2531349	2531349	2531396	-	4	48	TTG	TAA	0	0
mORF_-_2531413	2531413	2531466	-	5	54	TTG	TAA	0	0
mORF_-_2531463	2531463	2531486	-	4	24	ATG	TGA	0	0
mORF_-_2531521	2531521	2531649	-	5	129	GTG	TAG	0	0
mORF_-_2531550	2531550	2531612	-	4	63	ATG	TAA	0	0
mORF_-_2531636	2531636	2531713	-	6	78	TTG	TGA	0	0
mORF_-_2531720	2531720	2532013	-	6	294	ATG	TAG	0	0
mORF_-_2531746	2531746	2531904	-	5	159	TTG	TAA	0	0
mORF_-_2531766	2531766	2531786	-	4	21	TTG	TAG	0	0
mORF_-_2532058	2532058	2532072	-	5	15	GTG	TAA	0	0
mORF_-_2532069	2532069	2532164	-	4	96	ATG	TGA	0	0
mORF_-_2532086	2532086	2532109	-	6	24	ATG	TAA	0	0
mORF_-_2532161	2532161	2532238	-	6	78	ATG	TGA	0	0
mORF_-_2532198	2532198	2532380	-	4	183	ATG	TGA	0	0
mORF_-_2532238	2532238	2532654	-	5	417	GTG	TGA	0	0
mORF_-_2532417	2532417	2532542	-	4	126	ATG	TGA	0	0
mORF_-_2532543	2532543	2532713	-	4	171	GTG	TGA	0	0
mORF_-_2532554	2532554	2532595	-	6	42	GTG	TGA	0	0
mORF_-_2532682	2532682	2533068	-	5	387	TTG	TAG	0	0
mORF_-_2532768	2532768	2532785	-	4	18	TTG	TAA	0	0
mORF_-_2532773	2532773	2532781	-	6	9	TTG	TGA	0	0
mORF_-_2532885	2532885	2533013	-	4	129	GTG	TGA	0	0
mORF_-_2532989	2532989	2533006	-	6	18	GTG	TGA	0	0
mORF_-_2533035	2533035	2533121	-	4	87	ATG	TAA	0	0
mORF_-_2533073	2533073	2533117	-	6	45	ATG	TAA	0	0
mORF_-_2533203	2533203	2533298	-	4	96	TTG	TGA	0	0
mORF_-_2533265	2533265	2533405	-	6	141	GTG	TGA	0	0
mORF_-_2533311	2533311	2533316	-	4	6	TTG	TAG	0	0
mORF_-_2533354	2533354	2533410	-	5	57	ATG	TGA	0	0
mORF_-_2533407	2533407	2533466	-	4	60	GTG	TGA	0	0
mORF_-_2533433	2533433	2533522	-	6	90	GTG	TAA	0	0
mORF_-_2533498	2533498	2533503	-	5	6	GTG	TGA	0	0

mORF_-_2533506	2533506	2533544	-	4	39	TTG	TAA	0	0	
mORF_-_2533519	2533519	2533566	-	5	48	ATG	TGA	0	0	
mORF_-_2533563	2533563	2533706	-	4	144	GTG	TGA	0	0	
mORF_-_2533619	2533619	2533624	-	6	6	GTG	TAG	0	0	
mORF_-_2533694	2533694	2533759	-	6	66	TTG	TAA	0	0	
mORF_-_2533729	2533729	2533752	-	5	24	TTG	TAA	0	0	
mORF_-_2533749	2533749	2533793	-	4	45	ATG	TGA	0	0	
mORF_-_2533790	2533790	2534128	-	6	339	GTG	TGA	0	0	
mORF_-_2533812	2533812	2533820	-	4	9	GTG	TAG	0	0	
mORF_-_2533843	2533843	2534169	-	5	327	TTG	TAA	0	0	
mORF_-_2534013	2534013	2534087	-	4	75	ATG	TGA	0	0	
mORF_-_2534188	2534188	2534403	-	5	216	ATG	TGA	0	0	
mORF_-_2534408	2534408	2535259	-	6	852	ATG	TAA	12	42	pORF_-_2534408
mORF_-_2534434	2534434	2534451	-	5	18	ATG	TGA	0	0	
mORF_-_2534448	2534448	2534555	-	4	108	TTG	TGA	0	0	
mORF_-_2534470	2534470	2534508	-	5	39	ATG	TGA	0	0	
mORF_-_2534527	2534527	2534553	-	5	27	GTG	TGA	0	0	
mORF_-_2534587	2534587	2534610	-	5	24	ATG	TAA	0	0	
mORF_-_2534611	2534611	2534661	-	5	51	ATG	TGA	0	0	
mORF_-_2534661	2534661	2534750	-	4	90	TTG	TAA	0	0	
mORF_-_2534692	2534692	2534733	-	5	42	GTG	TAA	0	0	
mORF_-_2534761	2534761	2534877	-	5	117	TTG	TGA	0	0	
mORF_-_2534904	2534904	2534936	-	4	33	GTG	TGA	0	0	
mORF_-_2534929	2534929	2534943	-	5	15	TTG	TGA	0	0	
mORF_-_2534983	2534983	2535081	-	5	99	ATG	TAA	0	0	
mORF_-_2535039	2535039	2535047	-	4	9	ATG	TAG	0	0	
mORF_-_2535097	2535097	2535126	-	5	30	ATG	TGA	0	0	
mORF_-_2535127	2535127	2535159	-	5	33	TTG	TGA	0	0	
mORF_-_2535252	2535252	2535290	-	4	39	ATG	TAG	0	0	
mORF_-_2535256	2535256	2535348	-	5	93	TTG	TGA	0	0	
mORF_-_2535309	2535309	2535389	-	4	81	ATG	TAA	0	0	
mORF_-_2535338	2535338	2535364	-	6	27	TTG	TGA	0	0	
mORF_-_2535389	2535389	2535406	-	6	18	GTG	TAA	0	0	
mORF_-_2535414	2535414	2535503	-	4	90	TTG	TAA	0	0	
mORF_-_2535424	2535424	2535435	-	5	12	ATG	TAA	0	0	
mORF_-_2535449	2535449	2535475	-	6	27	GTG	TGA	0	0	
mORF_-_2535469	2535469	2535540	-	5	72	ATG	TAA	0	0	
mORF_-_2535537	2535537	2535581	-	4	45	GTG	TGA	0	0	
mORF_-_2535593	2535593	2535619	-	6	27	ATG	TAA	0	0	
mORF_-_2535623	2535623	2535772	-	6	150	ATG	TAA	0	0	
mORF_-_2535685	2535685	2535690	-	5	6	ATG	TAA	0	0	
mORF_-_2535694	2535694	2535756	-	5	63	ATG	TAA	0	0	
mORF_-_2535735	2535735	2535794	-	4	60	GTG	TAA	0	0	
mORF_-_2535827	2535827	2535853	-	6	27	TTG	TAA	0	0	
mORF_-_2535843	2535843	2535968	-	4	126	TTG	TAA	0	0	
mORF_-_2535850	2535850	2535978	-	5	129	TTG	TGA	0	0	
mORF_-_2535854	2535854	2535862	-	6	9	TTG	TAG	0	0	
mORF_-_2535965	2535965	2535991	-	6	27	ATG	TGA	0	0	
mORF_-_2536026	2536026	2536031	-	4	6	ATG	TAA	0	0	
mORF_-_2536033	2536033	2536050	-	5	18	TTG	TAA	0	0	
mORF_-_2536041	2536041	2536064	-	4	24	ATG	TGA	0	0	
mORF_-_2536066	2536066	2536077	-	5	12	GTG	TAA	0	0	
mORF_-_2536137	2536137	2536199	-	4	63	TTG	TAG	0	0	
mORF_-_2536196	2536196	2536309	-	6	114	TTG	TGA	0	0	
mORF_-_2536203	2536203	2536274	-	4	72	TTG	TAA	0	0	
mORF_-_2536278	2536278	2536367	-	4	90	ATG	TAG	0	0	
mORF_-_2536315	2536315	2536332	-	5	18	ATG	TAA	0	0	
mORF_-_2536337	2536337	2536390	-	6	54	TTG	TGA	0	0	
mORF_-_2536387	2536387	2536395	-	5	9	GTG	TGA	0	0	
mORF_-_2536395	2536395	2536430	-	4	36	TTG	TAG	0	0	
mORF_-_2536411	2536411	2536455	-	5	45	TTG	TAA	0	0	
mORF_-_2536449	2536449	2536514	-	4	66	ATG	TGA	0	0	
mORF_-_2536480	2536480	2536530	-	5	51	TTG	TAA	0	0	

mORF_-_2536587	2536587	2536592	-	4	6	TTG	TAG	0	0	
mORF_-_2536600	2536600	2536671	-	5	72	ATG	TAG	0	0	
mORF_-_2536605	2536605	2536649	-	4	45	ATG	TGA	0	0	
mORF_-_2536687	2536687	2537022	-	5	336	TTG	TAA	0	0	
mORF_-_2536694	2536694	2537683	-	6	990	ATG	TAA	41	616	pORF_-_2536694
mORF_-_2537026	2537026	2537271	-	5	246	TTG	TGA	1	5	pORF_-_2537026
mORF_-_2537275	2537275	2537307	-	5	33	GTG	TGA	0	0	
mORF_-_2537359	2537359	2537370	-	5	12	TTG	TGA	0	0	
mORF_-_2537371	2537371	2537400	-	5	30	GTG	TGA	0	0	
mORF_-_2537413	2537413	2537424	-	5	12	GTG	TAA	0	0	
mORF_-_2537461	2537461	2537478	-	5	18	GTG	TGA	0	0	
mORF_-_2537502	2537502	2537525	-	4	24	GTG	TAA	0	0	
mORF_-_2537518	2537518	2537532	-	5	15	GTG	TAA	0	0	
mORF_-_2537538	2537538	2537618	-	4	81	ATG	TAA	0	0	
mORF_-_2537661	2537661	2537726	-	4	66	ATG	TAG	0	0	
mORF_-_2537668	2537668	2537673	-	5	6	TTG	TAA	0	0	
mORF_-_2537683	2537683	2537730	-	5	48	GTG	TAA	0	0	
mORF_-_2537720	2537720	2537863	-	6	144	ATG	TAA	0	0	
mORF_-_2537739	2537739	2538836	-	4	1098	ATG	TGA	30	111	pORF_-_2537739
mORF_-_2537797	2537797	2538165	-	5	369	ATG	TAA	0	0	
mORF_-_2537912	2537912	2538079	-	6	168	ATG	TAG	0	0	
mORF_-_2538116	2538116	2538193	-	6	78	TTG	TGA	0	0	
mORF_-_2538209	2538209	2538214	-	6	6	TTG	TGA	0	0	
mORF_-_2538215	2538215	2538220	-	6	6	GTG	TAG	0	0	
mORF_-_2538257	2538257	2538262	-	6	6	TTG	TGA	0	0	
mORF_-_2538278	2538278	2538460	-	6	183	TTG	TAA	0	0	
mORF_-_2538485	2538485	2538511	-	6	27	ATG	TGA	0	0	
mORF_-_2538539	2538539	2538547	-	6	9	TTG	TGA	0	0	
mORF_-_2538569	2538569	2538622	-	6	54	GTG	TGA	0	0	
mORF_-_2538782	2538782	2538829	-	6	48	TTG	TGA	0	0	
mORF_-_2538826	2538826	2539701	-	5	876	ATG	TGA	0	0	
mORF_-_2538833	2538833	2538883	-	6	51	GTG	TGA	0	0	
mORF_-_2538927	2538927	2539058	-	4	132	TTG	TAA	0	0	
mORF_-_2538983	2538983	2539231	-	6	249	GTG	TGA	0	0	
mORF_-_2539074	2539074	2539154	-	4	81	TTG	TGA	0	0	
mORF_-_2539197	2539197	2539223	-	4	27	TTG	TGA	0	0	
mORF_-_2539233	2539233	2539373	-	4	141	TTG	TGA	0	0	
mORF_-_2539286	2539286	2539303	-	6	18	TTG	TAA	0	0	
mORF_-_2539418	2539418	2539645	-	6	228	ATG	TAA	0	0	
mORF_-_2539464	2539464	2539478	-	4	15	TTG	TAA	0	0	
mORF_-_2539587	2539587	2539634	-	4	48	TTG	TGA	0	0	
mORF_-_2539635	2539635	2539673	-	4	39	ATG	TGA	0	0	
mORF_-_2539701	2539701	2540534	-	4	834	ATG	TAA	1	3	pORF_-_2539701
mORF_-_2539709	2539709	2539726	-	6	18	TTG	TAG	0	0	
mORF_-_2539781	2539781	2539834	-	6	54	TTG	TGA	0	0	
mORF_-_2539813	2539813	2539866	-	5	54	GTG	TGA	0	0	
mORF_-_2539889	2539889	2540026	-	6	138	ATG	TGA	0	0	
mORF_-_2540023	2540023	2540118	-	5	96	ATG	TGA	0	0	
mORF_-_2540036	2540036	2540158	-	6	123	GTG	TAG	0	0	
mORF_-_2540137	2540137	2540154	-	5	18	ATG	TGA	0	0	
mORF_-_2540195	2540195	2540224	-	6	30	TTG	TAA	0	0	
mORF_-_2540237	2540237	2540248	-	6	12	TTG	TGA	0	0	
mORF_-_2540245	2540245	2540289	-	5	45	GTG	TGA	0	0	
mORF_-_2540294	2540294	2540332	-	6	39	TTG	TGA	0	0	
mORF_-_2540314	2540314	2540463	-	5	150	GTG	TAA	0	0	
mORF_-_2540456	2540456	2540467	-	6	12	TTG	TGA	0	0	
mORF_-_2540489	2540489	2540530	-	6	42	TTG	TAA	0	0	
mORF_-_2540534	2540534	2541550	-	6	1017	ATG	TGA	67	1769	pORF_-_2540534
mORF_-_2540596	2540596	2540616	-	5	21	TTG	TGA	0	0	
mORF_-_2540746	2540746	2540799	-	5	54	TTG	TGA	0	0	
mORF_-_2540796	2540796	2540804	-	4	9	GTG	TGA	0	0	
mORF_-_2540842	2540842	2540868	-	5	27	ATG	TGA	0	0	
mORF_-_2540908	2540908	2540979	-	5	72	TTG	TGA	0	0	

mORF_-_2540998	2540998	2541030	-	5	33	GTG	TGA	0	0	
mORF_-_2541039	2541039	2541056	-	4	18	ATG	TAA	0	0	
mORF_-_2541081	2541081	2541143	-	4	63	TTG	TAA	0	0	
mORF_-_2541280	2541280	2541300	-	5	21	TTG	TGA	0	0	
mORF_-_2541310	2541310	2541354	-	5	45	ATG	TAA	0	0	
mORF_-_2541370	2541370	2541411	-	5	42	TTG	TGA	0	0	
mORF_-_2541387	2541387	2541401	-	4	15	ATG	TAA	0	0	
mORF_-_2541421	2541421	2541453	-	5	33	ATG	TGA	0	0	
mORF_-_2541463	2541463	2541486	-	5	24	ATG	TGA	0	0	
mORF_-_2541540	2541540	2541557	-	4	18	GTG	TAA	0	0	
mORF_-_2541560	2541560	2541592	-	6	33	ATG	TAA	0	0	
mORF_-_2541595	2541595	2541774	-	5	180	TTG	TAA	0	0	
mORF_-_2541624	2541624	2541677	-	4	54	TTG	TAA	0	0	
mORF_-_2541674	2541674	2541829	-	6	156	TTG	TGA	0	0	
mORF_-_2541696	2541696	2541782	-	4	87	TTG	TGA	0	0	
mORF_-_2541802	2541802	2541900	-	5	99	TTG	TAA	0	0	
mORF_-_2541807	2541807	2541827	-	4	21	GTG	TGA	0	0	
mORF_-_2541854	2541854	2542711	-	6	858	TTG	TGA	15	145	pORF_-_2541854
mORF_-_2541901	2541901	2541906	-	5	6	ATG	TGA	0	0	
mORF_-_2541919	2541919	2541936	-	5	18	ATG	TAA	0	0	
mORF_-_2542014	2542014	2542097	-	4	84	TTG	TGA	0	0	
mORF_-_2542018	2542018	2542059	-	5	42	TTG	TGA	0	0	
mORF_-_2542150	2542150	2542161	-	5	12	TTG	TGA	0	0	
mORF_-_2542174	2542174	2542215	-	5	42	GTG	TAA	0	0	
mORF_-_2542212	2542212	2542295	-	4	84	ATG	TGA	0	0	
mORF_-_2542234	2542234	2542260	-	5	27	TTG	TGA	0	0	
mORF_-_2542261	2542261	2542338	-	5	78	ATG	TGA	0	0	
mORF_-_2542335	2542335	2542370	-	4	36	TTG	TGA	0	0	
mORF_-_2542384	2542384	2542398	-	5	15	TTG	TGA	0	0	
mORF_-_2542438	2542438	2542497	-	5	60	GTG	TGA	0	0	
mORF_-_2542452	2542452	2542499	-	4	48	GTG	TGA	0	0	
mORF_-_2542546	2542546	2542593	-	5	48	TTG	TAA	0	0	
mORF_-_2542662	2542662	2542685	-	4	24	ATG	TAA	0	0	
mORF_-_2542675	2542675	2542680	-	5	6	GTG	TAA	0	0	
mORF_-_2542726	2542726	2542734	-	5	9	GTG	TGA	0	0	
mORF_-_2542739	2542739	2542777	-	6	39	ATG	TGA	0	0	
mORF_-_2542774	2542774	2543886	-	5	1113	TTG	TGA	0	0	
mORF_-_2542791	2542791	2542799	-	4	9	GTG	TAA	0	0	
mORF_-_2542818	2542818	2542856	-	4	39	TTG	TGA	0	0	
mORF_-_2542907	2542907	2542915	-	6	9	ATG	TGA	0	0	
mORF_-_2542973	2542973	2543032	-	6	60	GTG	TGA	0	0	
mORF_-_2542977	2542977	2542994	-	4	18	TTG	TGA	0	0	
mORF_-_2542995	2542995	2543081	-	4	87	ATG	TGA	0	0	
mORF_-_2543091	2543091	2543153	-	4	63	TTG	TGA	0	0	
mORF_-_2543211	2543211	2543246	-	4	36	TTG	TAA	0	0	
mORF_-_2543331	2543331	2543408	-	4	78	GTG	TGA	0	0	
mORF_-_2543421	2543421	2543471	-	4	51	TTG	TAA	0	0	
mORF_-_2543478	2543478	2543543	-	4	66	GTG	TGA	0	0	
mORF_-_2543544	2543544	2543606	-	4	63	ATG	TGA	0	0	
mORF_-_2543594	2543594	2543638	-	6	45	GTG	TGA	0	0	
mORF_-_2543619	2543619	2543657	-	4	39	ATG	TGA	0	0	
mORF_-_2543667	2543667	2543762	-	4	96	TTG	TAA	0	0	
mORF_-_2543687	2543687	2543692	-	6	6	GTG	TGA	0	0	
mORF_-_2543729	2543729	2543752	-	6	24	ATG	TGA	0	0	
mORF_-_2543763	2543763	2543792	-	4	30	GTG	TAA	0	0	
mORF_-_2543786	2543786	2544118	-	6	333	GTG	TGA	0	0	
mORF_-_2543955	2543955	2544011	-	4	57	ATG	TAA	0	0	
mORF_-_2543992	2543992	2544054	-	5	63	GTG	TAA	0	0	
mORF_-_2544055	2544055	2544111	-	5	57	ATG	TGA	0	0	
mORF_-_2544112	2544112	2544597	-	5	486	ATG	TGA	0	0	
mORF_-_2544174	2544174	2544314	-	4	141	TTG	TAA	0	0	
mORF_-_2544311	2544311	2544550	-	6	240	TTG	TGA	0	0	
mORF_-_2544333	2544333	2544338	-	4	6	GTG	TAA	0	0	

mORF_-_2544563	2544563	2544655	-	6	93	GTG	TAA	0	0	
mORF_-_2544670	2544670	2544990	-	5	321	TTG	TGA	0	0	
mORF_-_2544677	2544677	2544808	-	6	132	ATG	TAA	0	0	
mORF_-_2544735	2544735	2544818	-	4	84	GTG	TAA	0	0	
mORF_-_2544815	2544815	2544913	-	6	99	ATG	TGA	0	0	
mORF_-_2544861	2544861	2544953	-	4	93	GTG	TGA	0	0	
mORF_-_2544994	2544994	2545122	-	5	129	GTG	TGA	0	0	
mORF_-_2544998	2544998	2545030	-	6	33	TTG	TAA	0	0	
mORF_-_2545077	2545077	2545157	-	4	81	GTG	TAA	0	0	
mORF_-_2545112	2545112	2545132	-	6	21	GTG	TAA	0	0	
mORF_-_2545147	2545147	2545206	-	5	60	GTG	TGA	0	0	
mORF_-_2545157	2545157	2545342	-	6	186	GTG	TAG	0	0	
mORF_-_2545203	2545203	2545274	-	4	72	TTG	TGA	0	0	
mORF_-_2545228	2545228	2545257	-	5	30	GTG	TAG	0	0	
mORF_-_2545300	2545300	2545320	-	5	21	GTG	TAA	0	0	
mORF_-_2545339	2545339	2545518	-	5	180	ATG	TGA	0	0	
mORF_-_2545518	2545518	2545556	-	4	39	ATG	TAA	0	0	
mORF_-_2545553	2545553	2545570	-	6	18	GTG	TGA	0	0	
mORF_-_2545601	2545601	2545642	-	6	42	ATG	TAA	0	0	
mORF_-_2545660	2545660	2545707	-	5	48	ATG	TAA	0	0	
mORF_-_2545689	2545689	2545751	-	4	63	GTG	TGA	0	0	
mORF_-_2545712	2545712	2545774	-	6	63	GTG	TGA	0	0	
mORF_-_2545843	2545843	2546028	-	5	186	ATG	TAA	0	0	
mORF_-_2545914	2545914	2546060	-	4	147	ATG	TAA	0	0	
mORF_-_2545952	2545952	2546125	-	6	174	ATG	TAA	0	0	
mORF_-_2546035	2546035	2546109	-	5	75	TTG	TAA	0	0	
mORF_-_2546106	2546106	2546273	-	4	168	TTG	TGA	0	0	
mORF_-_2546122	2546122	2546136	-	5	15	TTG	TGA	0	0	
mORF_-_2546173	2546173	2546184	-	5	12	TTG	TGA	0	0	
mORF_-_2546285	2546285	2546311	-	6	27	ATG	TAA	0	0	
mORF_-_2546321	2546321	2546566	-	6	246	GTG	TGA	0	0	
mORF_-_2546392	2546392	2546541	-	5	150	TTG	TGA	0	0	
mORF_-_2546427	2546427	2546621	-	4	195	TTG	TGA	0	0	
mORF_-_2546591	2546591	2546695	-	6	105	GTG	TGA	0	0	
mORF_-_2546649	2546649	2547014	-	4	366	GTG	TAA	1	18	pORF_-_2546649
mORF_-_2546708	2546708	2546722	-	6	15	TTG	TGA	0	0	
mORF_-_2546776	2546776	2546838	-	5	63	GTG	TAA	0	0	
mORF_-_2546816	2546816	2546953	-	6	138	GTG	TAA	0	0	
mORF_-_2546987	2546987	2547031	-	6	45	TTG	TAA	0	0	
mORF_-_2547051	2547051	2547281	-	4	231	ATG	TAA	0	0	
mORF_-_2547080	2547080	2547208	-	6	129	GTG	TAG	0	0	
mORF_-_2547136	2547136	2547216	-	5	81	TTG	TAG	0	0	
mORF_-_2547233	2547233	2547238	-	6	6	GTG	TGA	0	0	
mORF_-_2547262	2547262	2547600	-	5	339	GTG	TAA	0	0	
mORF_-_2547278	2547278	2547346	-	6	69	TTG	TGA	0	0	
mORF_-_2547297	2547297	2547335	-	4	39	TTG	TAA	0	0	
mORF_-_2547398	2547398	2547529	-	6	132	TTG	TGA	0	0	
mORF_-_2547513	2547513	2547545	-	4	33	GTG	TAG	0	0	
mORF_-_2547539	2547539	2547580	-	6	42	ATG	TAA	0	0	
mORF_-_2547570	2547570	2547653	-	4	84	TTG	TGA	0	0	
mORF_-_2547668	2547668	2548594	-	6	927	GTG	TAA	42	318	pORF_-_2547668
mORF_-_2547718	2547718	2547771	-	5	54	TTG	TAA	0	0	
mORF_-_2547778	2547778	2547879	-	5	102	TTG	TGA	0	0	
mORF_-_2547883	2547883	2547897	-	5	15	ATG	TGA	0	0	
mORF_-_2547904	2547904	2547912	-	5	9	TTG	TGA	0	0	
mORF_-_2547909	2547909	2548043	-	4	135	TTG	TGA	0	0	
mORF_-_2548027	2548027	2548146	-	5	120	TTG	TGA	0	0	
mORF_-_2548153	2548153	2548170	-	5	18	TTG	TGA	0	0	
mORF_-_2548167	2548167	2548175	-	4	9	TTG	TGA	0	0	
mORF_-_2548198	2548198	2548218	-	5	21	TTG	TGA	0	0	
mORF_-_2548282	2548282	2548311	-	5	30	TTG	TGA	0	0	
mORF_-_2548339	2548339	2548356	-	5	18	TTG	TGA	0	0	
mORF_-_2548366	2548366	2548488	-	5	123	TTG	TGA	0	0	

mORF_-_2548485	2548485	2548598	-	4	114	TTG	TGA	0	0	
mORF_-_2548498	2548498	2548608	-	5	111	ATG	TGA	0	0	
mORF_-_2548623	2548623	2548661	-	4	39	TTG	TAA	0	0	
mORF_-_2548663	2548663	2549238	-	5	576	ATG	TAA	10	32	pORF_-_2548663
mORF_-_2548722	2548722	2548919	-	4	198	TTG	TAA	0	0	
mORF_-_2548730	2548730	2548744	-	6	15	ATG	TGA	0	0	
mORF_-_2548787	2548787	2548792	-	6	6	ATG	TAA	0	0	
mORF_-_2548817	2548817	2548831	-	6	15	TTG	TGA	0	0	
mORF_-_2548977	2548977	2548985	-	4	9	TTG	TGA	0	0	
mORF_-_2549016	2549016	2549060	-	4	45	TTG	TGA	0	0	
mORF_-_2549091	2549091	2549099	-	4	9	GTG	TAA	0	0	
mORF_-_2549096	2549096	2549146	-	6	51	GTG	TGA	0	0	
mORF_-_2549115	2549115	2549135	-	4	21	TTG	TGA	0	0	
mORF_-_2549165	2549165	2549215	-	6	51	ATG	TAA	0	0	
mORF_-_2549235	2549235	2549243	-	4	9	GTG	TGA	0	0	
mORF_-_2549240	2549240	2549260	-	6	21	TTG	TGA	0	0	
mORF_-_2549257	2549257	2549289	-	5	33	TTG	TGA	0	0	
mORF_-_2549299	2549299	2549754	-	5	456	TTG	TAA	0	0	
mORF_-_2549307	2549307	2549315	-	4	9	ATG	TAA	0	0	
mORF_-_2549312	2549312	2549323	-	6	12	TTG	TGA	0	0	
mORF_-_2549355	2549355	2549366	-	4	12	TTG	TAA	0	0	
mORF_-_2549376	2549376	2549411	-	4	36	GTG	TAG	0	0	
mORF_-_2549408	2549408	2549440	-	6	33	TTG	TGA	0	0	
mORF_-_2549415	2549415	2549483	-	4	69	GTG	TGA	0	0	
mORF_-_2549595	2549595	2549717	-	4	123	ATG	TAA	0	0	
mORF_-_2549735	2549735	2550271	-	6	537	TTG	TGA	5	24	pORF_-_2549735
mORF_-_2549773	2549773	2549874	-	5	102	TTG	TGA	0	0	
mORF_-_2549875	2549875	2549976	-	5	102	ATG	TGA	0	0	
mORF_-_2549986	2549986	2550006	-	5	21	GTG	TGA	0	0	
mORF_-_2550010	2550010	2550042	-	5	33	ATG	TAA	0	0	
mORF_-_2550051	2550051	2550110	-	4	60	TTG	TAA	0	0	
mORF_-_2550196	2550196	2550255	-	5	60	ATG	TAA	0	0	
mORF_-_2550216	2550216	2550308	-	4	93	TTG	TAA	0	0	
mORF_-_2550272	2550272	2550295	-	6	24	TTG	TAG	0	0	
mORF_-_2550323	2550323	2550343	-	6	21	ATG	TAA	0	0	
mORF_-_2550358	2550358	2550540	-	5	183	TTG	TAA	0	0	
mORF_-_2550384	2550384	2550401	-	4	18	GTG	TAA	0	0	
mORF_-_2550452	2550452	2550466	-	6	15	TTG	TGA	0	0	
mORF_-_2550488	2550488	2550667	-	6	180	ATG	TAA	0	0	
mORF_-_2550565	2550565	2550654	-	5	90	ATG	TGA	0	0	
mORF_-_2550683	2550683	2550745	-	6	63	ATG	TAA	0	0	
mORF_-_2550705	2550705	2550713	-	4	9	GTG	TAA	0	0	
mORF_-_2550759	2550759	2550767	-	4	9	TTG	TAA	0	0	
mORF_-_2550764	2550764	2550922	-	6	159	GTG	TGA	0	0	
mORF_-_2550769	2550769	2550915	-	5	147	TTG	TGA	0	0	
mORF_-_2550825	2550825	2550848	-	4	24	TTG	TAG	0	0	
mORF_-_2550919	2550919	2551143	-	5	225	GTG	TGA	0	0	
mORF_-_2550923	2550923	2551048	-	6	126	TTG	TAG	0	0	
mORF_-_2551008	2551008	2551073	-	4	66	GTG	TAA	0	0	
mORF_-_2551136	2551136	2551477	-	6	342	ATG	TAA	0	0	
mORF_-_2551156	2551156	2551170	-	5	15	GTG	TGA	0	0	
mORF_-_2551191	2551191	2551226	-	4	36	GTG	TGA	0	0	
mORF_-_2551195	2551195	2551287	-	5	93	TTG	TAA	0	0	
mORF_-_2551245	2551245	2551262	-	4	18	GTG	TAA	0	0	
mORF_-_2551306	2551306	2551470	-	5	165	GTG	TGA	0	0	
mORF_-_2551425	2551425	2551523	-	4	99	GTG	TGA	0	0	
mORF_-_2551474	2551474	2551557	-	5	84	GTG	TGA	0	0	
mORF_-_2551520	2551520	2551564	-	6	45	GTG	TGA	0	0	
mORF_-_2551581	2551581	2551646	-	4	66	ATG	TAA	0	0	
mORF_-_2551637	2551637	2551771	-	6	135	ATG	TAA	0	0	
mORF_-_2551668	2551668	2551709	-	4	42	ATG	TAG	0	0	
mORF_-_2551672	2551672	2551686	-	5	15	GTG	TGA	0	0	
mORF_-_2551732	2551732	2551737	-	5	6	TTG	TAA	0	0	

mORF_-_2551759	2551759	2551866	-	5	108	TTG	TAG	0	0	
mORF_-_2551848	2551848	2551892	-	4	45	TTG	TAA	0	0	
mORF_-_2551870	2551870	2551875	-	5	6	GTG	TAG	0	0	
mORF_-_2551918	2551918	2551938	-	5	21	TTG	TAG	0	0	
mORF_-_2551946	2551946	2552014	-	6	69	TTG	TAA	0	0	
mORF_-_2551963	2551963	2552028	-	5	66	GTG	TAA	0	0	
mORF_-_2552034	2552034	2552087	-	4	54	TTG	TAG	0	0	
mORF_-_2552111	2552111	2552344	-	6	234	GTG	TAA	0	0	
mORF_-_2552152	2552152	2553204	-	5	1053	ATG	TGA	0	0	
mORF_-_2552184	2552184	2552228	-	4	45	TTG	TGA	0	0	
mORF_-_2552337	2552337	2552357	-	4	21	TTG	TGA	0	0	
mORF_-_2552361	2552361	2552405	-	4	45	ATG	TAG	0	0	
mORF_-_2552414	2552414	2552419	-	6	6	GTG	TAA	0	0	
mORF_-_2552433	2552433	2552468	-	4	36	GTG	TGA	0	0	
mORF_-_2552562	2552562	2552651	-	4	90	TTG	TAA	0	0	
mORF_-_2552570	2552570	2552659	-	6	90	GTG	TAA	0	0	
mORF_-_2552682	2552682	2552801	-	4	120	ATG	TGA	0	0	
mORF_-_2552811	2552811	2553017	-	4	207	ATG	TGA	0	0	
mORF_-_2552822	2552822	2552866	-	6	45	ATG	TGA	0	0	
mORF_-_2552888	2552888	2552941	-	6	54	GTG	TGA	0	0	
mORF_-_2553069	2553069	2553113	-	4	45	ATG	TAA	0	0	
mORF_-_2553141	2553141	2553164	-	4	24	ATG	TGA	0	0	
mORF_-_2553201	2553201	2553350	-	4	150	TTG	TGA	0	0	
mORF_-_2553209	2553209	2553232	-	6	24	GTG	TAA	0	0	
mORF_-_2553250	2553250	2553756	-	5	507	TTG	TAA	0	0	
mORF_-_2553456	2553456	2553590	-	4	135	GTG	TAA	0	0	
mORF_-_2553479	2553479	2553499	-	6	21	GTG	TAA	0	0	
mORF_-_2553506	2553506	2553595	-	6	90	GTG	TGA	0	0	
mORF_-_2553624	2553624	2553698	-	4	75	ATG	TAA	0	0	
mORF_-_2553699	2553699	2553743	-	4	45	ATG	TAG	0	0	
mORF_-_2553747	2553747	2553806	-	4	60	ATG	TGA	0	0	
mORF_-_2553763	2553763	2554422	-	5	660	ATG	TAA	4	12	pORF_-_2553763
mORF_-_2553830	2553830	2553835	-	6	6	GTG	TAA	0	0	
mORF_-_2553852	2553852	2553896	-	4	45	ATG	TAA	0	0	
mORF_-_2553924	2553924	2553992	-	4	69	TTG	TGA	0	0	
mORF_-_2554038	2554038	2554112	-	4	75	TTG	TAG	0	0	
mORF_-_2554073	2554073	2554081	-	6	9	GTG	TAA	0	0	
mORF_-_2554113	2554113	2554160	-	4	48	TTG	TGA	0	0	
mORF_-_2554167	2554167	2554289	-	4	123	ATG	TGA	0	0	
mORF_-_2554338	2554338	2554373	-	4	36	TTG	TGA	0	0	
mORF_-_2554432	2554432	2555319	-	5	888	ATG	TAA	2	4	pORF_-_2554432
mORF_-_2554440	2554440	2554565	-	4	126	TTG	TGA	0	0	
mORF_-_2554656	2554656	2554694	-	4	39	TTG	TAG	0	0	
mORF_-_2554698	2554698	2554718	-	4	21	TTG	TGA	0	0	
mORF_-_2554791	2554791	2554856	-	4	66	GTG	TGA	0	0	
mORF_-_2554820	2554820	2554858	-	6	39	GTG	TGA	0	0	
mORF_-_2554866	2554866	2554889	-	4	24	GTG	TGA	0	0	
mORF_-_2554874	2554874	2554891	-	6	18	GTG	TGA	0	0	
mORF_-_2554943	2554943	2555086	-	6	144	TTG	TGA	0	0	
mORF_-_2554998	2554998	2555075	-	4	78	GTG	TGA	0	0	
mORF_-_2555118	2555118	2555153	-	4	36	TTG	TAA	0	0	
mORF_-_2555144	2555144	2555158	-	6	15	GTG	TGA	0	0	
mORF_-_2555168	2555168	2555236	-	6	69	GTG	TGA	0	0	
mORF_-_2555178	2555178	2555192	-	4	15	GTG	TAG	0	0	
mORF_-_2555205	2555205	2555219	-	4	15	GTG	TGA	0	0	
mORF_-_2555280	2555280	2555303	-	4	24	TTG	TGA	0	0	
mORF_-_2555326	2555326	2555340	-	5	15	ATG	TAA	0	0	
mORF_-_2555340	2555340	2556743	-	4	1404	GTG	TGA	7	13	pORF_-_2555340
mORF_-_2555375	2555375	2555512	-	6	138	GTG	TGA	0	0	
mORF_-_2555564	2555564	2555620	-	6	57	GTG	TGA	0	0	
mORF_-_2555663	2555663	2555713	-	6	51	TTG	TAG	0	0	
mORF_-_2555786	2555786	2555929	-	6	144	TTG	TAA	0	0	
mORF_-_2555936	2555936	2555956	-	6	21	GTG	TGA	0	0	

mORF_-_2555972	2555972	2556034	-	6	63	GTG	TGA	0	0	
mORF_-_2556065	2556065	2556073	-	6	9	ATG	TGA	0	0	
mORF_-_2556134	2556134	2556211	-	6	78	ATG	TGA	0	0	
mORF_-_2556229	2556229	2556318	-	5	90	TTG	TAG	1	2	pORF_-_2556229
mORF_-_2556350	2556350	2556394	-	6	45	ATG	TGA	0	0	
mORF_-_2556398	2556398	2556466	-	6	69	ATG	TGA	0	0	
mORF_-_2556485	2556485	2556508	-	6	24	TTG	TGA	0	0	
mORF_-_2556539	2556539	2556610	-	6	72	ATG	TGA	0	0	
mORF_-_2556650	2556650	2556673	-	6	24	ATG	TAA	0	0	
mORF_-_2556658	2556658	2556756	-	5	99	TTG	TAA	0	0	
mORF_-_2556713	2556713	2556736	-	6	24	ATG	TGA	0	0	
mORF_-_2556740	2556740	2556760	-	6	21	GTG	TGA	0	0	
mORF_-_2556750	2556750	2556767	-	4	18	ATG	TAG	0	0	
mORF_-_2556757	2556757	2556804	-	5	48	GTG	TGA	0	0	
mORF_-_2556797	2556797	2556820	-	6	24	GTG	TAG	0	0	
mORF_-_2556817	2556817	2556840	-	5	24	ATG	TGA	0	0	
mORF_-_2556849	2556849	2556935	-	4	87	TTG	TAA	0	0	
mORF_-_2556860	2556860	2556895	-	6	36	GTG	TAA	0	0	
mORF_-_2556896	2556896	2556922	-	6	27	GTG	TGA	0	0	
mORF_-_2556939	2556939	2557052	-	4	114	ATG	TAG	0	0	
mORF_-_2556947	2556947	2556958	-	6	12	GTG	TGA	0	0	
mORF_-_2556955	2556955	2556987	-	5	33	ATG	TGA	0	0	
mORF_-_2557059	2557059	2557181	-	4	123	ATG	TAA	0	0	
mORF_-_2557066	2557066	2557146	-	5	81	TTG	TAG	0	0	
mORF_-_2557070	2557070	2557075	-	6	6	GTG	TGA	0	0	
mORF_-_2557076	2557076	2557087	-	6	12	GTG	TGA	0	0	
mORF_-_2557220	2557220	2557255	-	6	36	TTG	TAG	0	0	
mORF_-_2557262	2557262	2557372	-	6	111	GTG	TGA	0	0	
mORF_-_2557287	2557287	2557433	-	4	147	GTG	TAG	0	0	
mORF_-_2557390	2557390	2557500	-	5	111	GTG	TAG	0	0	
mORF_-_2557430	2557430	2557477	-	6	48	GTG	TGA	0	0	
mORF_-_2557497	2557497	2557502	-	4	6	TTG	TGA	0	0	
mORF_-_2557517	2557517	2557582	-	6	66	TTG	TAA	0	0	
mORF_-_2557536	2557536	2557541	-	4	6	TTG	TAG	0	0	
mORF_-_2557572	2557572	2557898	-	4	327	GTG	TGA	1	3	pORF_-_2557572
mORF_-_2557592	2557592	2557666	-	6	75	TTG	TAA	0	0	
mORF_-_2557606	2557606	2557707	-	5	102	ATG	TAA	0	0	
mORF_-_2557667	2557667	2557672	-	6	6	ATG	TGA	0	0	
mORF_-_2557685	2557685	2557723	-	6	39	GTG	TGA	0	0	
mORF_-_2557754	2557754	2557759	-	6	6	GTG	TGA	0	0	
mORF_-_2557813	2557813	2557875	-	5	63	GTG	TGA	0	0	
mORF_-_2557829	2557829	2557888	-	6	60	TTG	TAA	0	0	
mORF_-_2557892	2557892	2557903	-	6	12	GTG	TGA	0	0	
mORF_-_2557904	2557904	2558017	-	6	114	TTG	TAA	0	0	
mORF_-_2557912	2557912	2557947	-	5	36	TTG	TGA	0	0	
mORF_-_2557948	2557948	2558007	-	5	60	TTG	TAG	0	0	
mORF_-_2558028	2558028	2558126	-	4	99	ATG	TAA	0	0	
mORF_-_2558039	2558039	2558050	-	6	12	TTG	TAG	0	0	
mORF_-_2558074	2558074	2558118	-	5	45	TTG	TAG	0	0	
mORF_-_2558093	2558093	2558164	-	6	72	GTG	TAA	0	0	
mORF_-_2558154	2558154	2558186	-	4	33	TTG	TAA	0	0	
mORF_-_2558222	2558222	2558374	-	6	153	TTG	TAA	0	0	
mORF_-_2558230	2558230	2558238	-	5	9	TTG	TAA	0	0	
mORF_-_2558263	2558263	2558430	-	5	168	TTG	TGA	0	0	
mORF_-_2558271	2558271	2558288	-	4	18	TTG	TAA	0	0	
mORF_-_2558316	2558316	2558351	-	4	36	ATG	TGA	0	0	
mORF_-_2558391	2558391	2558426	-	4	36	TTG	TGA	0	0	
mORF_-_2558405	2558405	2558443	-	6	39	TTG	TAG	0	0	
mORF_-_2558440	2558440	2558514	-	5	75	GTG	TGA	0	0	
mORF_-_2558457	2558457	2558480	-	4	24	GTG	TAA	0	0	
mORF_-_2558465	2558465	2558566	-	6	102	TTG	TAA	0	0	
mORF_-_2558496	2558496	2558600	-	4	105	ATG	TAG	0	0	
mORF_-_2558542	2558542	2558580	-	5	39	TTG	TGA	0	0	

mORF_-_2558587	2558587	2558667	-	5	81	TTG	TAG	0	0	
mORF_-_2558600	2558600	2558659	-	6	60	ATG	TAA	0	0	
mORF_-_2558664	2558664	2558780	-	4	117	TTG	TGA	0	0	
mORF_-_2558695	2558695	2558826	-	5	132	TTG	TAA	0	0	
mORF_-_2558777	2558777	2558821	-	6	45	GTG	TGA	0	0	
mORF_-_2558848	2558848	2558913	-	5	66	ATG	TAG	0	0	
mORF_-_2558894	2558894	2558968	-	6	75	ATG	TAA	0	0	
mORF_-_2558926	2558926	2558937	-	5	12	TTG	TGA	0	0	
mORF_-_2558959	2558959	2558985	-	5	27	TTG	TAA	0	0	
mORF_-_2558995	2558995	2559009	-	5	15	TTG	TAA	0	0	
mORF_-_2559006	2559006	2559032	-	4	27	TTG	TGA	0	0	
mORF_-_2559029	2559029	2559127	-	6	99	ATG	TGA	0	0	
mORF_-_2559144	2559144	2559194	-	4	51	ATG	TAA	0	0	
mORF_-_2559157	2559157	2559243	-	5	87	ATG	TAA	0	0	
mORF_-_2559194	2559194	2559247	-	6	54	GTG	TAA	0	0	
mORF_-_2559207	2559207	2559215	-	4	9	TTG	TAA	0	0	
mORF_-_2559216	2559216	2559257	-	4	42	TTG	TGA	0	0	
mORF_-_2559244	2559244	2559285	-	5	42	ATG	TGA	0	0	
mORF_-_2559248	2559248	2559319	-	6	72	TTG	TGA	0	0	
mORF_-_2559282	2559282	2559362	-	4	81	TTG	TGA	0	0	
mORF_-_2559371	2559371	2559694	-	6	324	GTG	TAA	0	0	
mORF_-_2559384	2559384	2559407	-	4	24	GTG	TAA	0	0	
mORF_-_2559397	2559397	2559447	-	5	51	GTG	TAA	0	0	
mORF_-_2559465	2559465	2559500	-	4	36	TTG	TAA	0	0	
mORF_-_2559576	2559576	2559596	-	4	21	GTG	TAA	0	0	
mORF_-_2559580	2559580	2559774	-	5	195	TTG	TGA	0	0	
mORF_-_2559719	2559719	2559733	-	6	15	GTG	TAA	0	0	
mORF_-_2559771	2559771	2559863	-	4	93	GTG	TGA	0	0	
mORF_-_2559832	2559832	2559918	-	5	87	ATG	TAG	0	0	
mORF_-_2559864	2559864	2559896	-	4	33	TTG	TGA	0	0	
mORF_-_2559881	2559881	2559955	-	6	75	GTG	TGA	0	0	
mORF_-_2559952	2559952	2559963	-	5	12	ATG	TGA	0	0	
mORF_-_2560004	2560004	2560021	-	6	18	TTG	TAA	0	0	
mORF_-_2560024	2560024	2560170	-	5	147	ATG	TAA	0	0	
mORF_-_2560035	2560035	2560064	-	4	30	TTG	TAA	0	0	
mORF_-_2560061	2560061	2560096	-	6	36	TTG	TGA	0	0	
mORF_-_2560074	2560074	2560118	-	4	45	ATG	TGA	0	0	
mORF_-_2560131	2560131	2560190	-	4	60	GTG	TAA	0	0	
mORF_-_2560163	2560163	2560240	-	6	78	TTG	TAA	0	0	
mORF_-_2560171	2560171	2560179	-	5	9	GTG	TAA	0	0	
mORF_-_2560212	2560212	2560235	-	4	24	TTG	TAG	0	0	
mORF_-_2560247	2560247	2560339	-	6	93	ATG	TAG	0	0	
mORF_-_2560264	2560264	2560287	-	5	24	ATG	TAA	0	0	
mORF_-_2560312	2560312	2560860	-	5	549	GTG	TGA	0	0	
mORF_-_2560347	2560347	2560616	-	4	270	TTG	TGA	1	2	pORF_-_2560347
mORF_-_2560487	2560487	2560522	-	6	36	ATG	TAG	0	0	
mORF_-_2560523	2560523	2560597	-	6	75	GTG	TGA	0	0	
mORF_-_2560655	2560655	2560783	-	6	129	GTG	TAA	0	0	
mORF_-_2560686	2560686	2560721	-	4	36	ATG	TAG	0	0	
mORF_-_2560731	2560731	2560928	-	4	198	GTG	TAA	0	0	
mORF_-_2560906	2560906	2561151	-	5	246	TTG	TAA	0	0	
mORF_-_2560944	2560944	2561081	-	4	138	TTG	TGA	0	0	
mORF_-_2560982	2560982	2561122	-	6	141	GTG	TGA	0	0	
mORF_-_2561106	2561106	2561264	-	4	159	TTG	TAA	0	0	
mORF_-_2561132	2561132	2561179	-	6	48	TTG	TGA	0	0	
mORF_-_2561203	2561203	2561235	-	5	33	TTG	TAG	0	0	
mORF_-_2561219	2561219	2561224	-	6	6	TTG	TGA	0	0	
mORF_-_2561225	2561225	2561257	-	6	33	GTG	TAG	0	0	
mORF_-_2561248	2561248	2561289	-	5	42	TTG	TGA	0	0	
mORF_-_2561283	2561283	2561477	-	4	195	ATG	TAA	0	0	
mORF_-_2561306	2561306	2561311	-	6	6	TTG	TGA	0	0	
mORF_-_2561324	2561324	2561380	-	6	57	GTG	TAA	0	0	
mORF_-_2561347	2561347	2561382	-	5	36	TTG	TGA	0	0	

mORF_-_2561387	2561387	2561401	-	6	15	ATG	TAA	0	0	
mORF_-_2561402	2561402	2561410	-	6	9	TTG	TGA	0	0	
mORF_-_2561470	2561470	2561496	-	5	27	TTG	TGA	0	0	
mORF_-_2561484	2561484	2561492	-	4	9	TTG	TAA	0	0	
mORF_-_2561493	2561493	2561636	-	4	144	ATG	TGA	0	0	
mORF_-_2561561	2561561	2561632	-	6	72	TTG	TAA	0	0	
mORF_-_2561633	2561633	2561707	-	6	75	TTG	TGA	0	0	
mORF_-_2561679	2561679	2561810	-	4	132	TTG	TAA	0	0	
mORF_-_2561723	2561723	2561803	-	6	81	ATG	TAA	0	0	
mORF_-_2561828	2561828	2561860	-	6	33	TTG	TAA	0	0	
mORF_-_2561832	2561832	2561999	-	4	168	TTG	TAA	0	0	
mORF_-_2561971	2561971	2562048	-	5	78	ATG	TAA	0	0	
mORF_-_2562023	2562023	2562463	-	6	441	TTG	TAA	0	0	
mORF_-_2562052	2562052	2562081	-	5	30	GTG	TAA	0	0	
mORF_-_2562100	2562100	2562132	-	5	33	TTG	TAG	0	0	
mORF_-_2562133	2562133	2562165	-	5	33	ATG	TAG	0	0	
mORF_-_2562162	2562162	2562230	-	4	69	ATG	TGA	0	0	
mORF_-_2562193	2562193	2562351	-	5	159	TTG	TAG	0	0	
mORF_-_2562321	2562321	2562410	-	4	90	TTG	TGA	0	0	
mORF_-_2562411	2562411	2562422	-	4	12	TTG	TAG	0	0	
mORF_-_2562460	2562460	2562546	-	5	87	ATG	TGA	0	0	
mORF_-_2562482	2562482	2562616	-	6	135	TTG	TAA	0	0	
mORF_-_2562504	2562504	2562515	-	4	12	TTG	TAA	0	0	
mORF_-_2562550	2562550	2562579	-	5	30	TTG	TAA	0	0	
mORF_-_2562576	2562576	2562644	-	4	69	TTG	TGA	0	0	
mORF_-_2562613	2562613	2562768	-	5	156	ATG	TGA	0	0	
mORF_-_2562650	2562650	2562823	-	6	174	GTG	TAA	0	0	
mORF_-_2562705	2562705	2562737	-	4	33	TTG	TAA	0	0	
mORF_-_2562820	2562820	2563071	-	5	252	ATG	TGA	0	0	
mORF_-_2562879	2562879	2562929	-	4	51	TTG	TAA	0	0	
mORF_-_2562923	2562923	2562997	-	6	75	TTG	TAG	0	0	
mORF_-_2563038	2563038	2563094	-	4	57	TTG	TAA	0	0	
mORF_-_2563078	2563078	2563164	-	5	87	TTG	TGA	0	0	
mORF_-_2563127	2563127	2563423	-	6	297	TTG	TAA	0	0	
mORF_-_2563140	2563140	2563175	-	4	36	TTG	TGA	0	0	
mORF_-_2563192	2563192	2563326	-	5	135	TTG	TAA	0	0	
mORF_-_2563363	2563363	2563380	-	5	18	TTG	TGA	0	0	
mORF_-_2563377	2563377	2563502	-	4	126	ATG	TGA	0	0	
mORF_-_2563424	2563424	2563474	-	6	51	GTG	TAA	0	0	
mORF_-_2563503	2563503	2564906	-	4	1404	GTG	TGA	1	4	pORF_-_2563503
mORF_-_2563532	2563532	2563597	-	6	66	TTG	TGA	0	0	
mORF_-_2563598	2563598	2563669	-	6	72	TTG	TGA	0	0	
mORF_-_2563748	2563748	2563819	-	6	72	TTG	TGA	0	0	
mORF_-_2563832	2563832	2563969	-	6	138	TTG	TGA	0	0	
mORF_-_2564009	2564009	2564149	-	6	141	GTG	TGA	0	0	
mORF_-_2564032	2564032	2564106	-	5	75	ATG	TGA	0	0	
mORF_-_2564174	2564174	2564209	-	6	36	TTG	TGA	0	0	
mORF_-_2564206	2564206	2564301	-	5	96	GTG	TGA	0	0	
mORF_-_2564210	2564210	2564221	-	6	12	TTG	TGA	0	0	
mORF_-_2564267	2564267	2564311	-	6	45	TTG	TGA	0	0	
mORF_-_2564312	2564312	2564443	-	6	132	GTG	TGA	0	0	
mORF_-_2564326	2564326	2564472	-	5	147	GTG	TAA	0	0	
mORF_-_2564519	2564519	2564557	-	6	39	TTG	TGA	0	0	
mORF_-_2564585	2564585	2564677	-	6	93	ATG	TGA	0	0	
mORF_-_2564717	2564717	2564818	-	6	102	GTG	TAA	0	0	
mORF_-_2564903	2564903	2566129	-	6	1227	ATG	TGA	0	0	
mORF_-_2564962	2564962	2564976	-	5	15	TTG	TGA	0	0	
mORF_-_2564995	2564995	2565009	-	5	15	TTG	TGA	0	0	
mORF_-_2565133	2565133	2565162	-	5	30	TTG	TGA	0	0	
mORF_-_2565223	2565223	2565237	-	5	15	TTG	TGA	0	0	
mORF_-_2565274	2565274	2565309	-	5	36	TTG	TAG	0	0	
mORF_-_2565319	2565319	2565327	-	5	9	GTG	TGA	0	0	
mORF_-_2565333	2565333	2565626	-	4	294	TTG	TAA	0	0	

mORF_-_2565373	2565373	2565387	-	5	15	TTG	TGA	0	0	
mORF_-_2565400	2565400	2565414	-	5	15	TTG	TAG	0	0	
mORF_-_2565427	2565427	2565435	-	5	9	TTG	TGA	0	0	
mORF_-_2565490	2565490	2565519	-	5	30	TTG	TGA	0	0	
mORF_-_2565547	2565547	2565630	-	5	84	TTG	TGA	0	0	
mORF_-_2565640	2565640	2565726	-	5	87	TTG	TGA	0	0	
mORF_-_2565681	2565681	2565830	-	4	150	GTG	TGA	0	0	
mORF_-_2566145	2566145	2566345	-	6	201	ATG	TAA	0	0	
mORF_-_2566156	2566156	2566251	-	5	96	GTG	TAA	0	0	
mORF_-_2566191	2566191	2566259	-	4	69	GTG	TAG	0	0	
mORF_-_2566291	2566291	2566506	-	5	216	TTG	TAG	0	0	
mORF_-_2566346	2566346	2567560	-	6	1215	GTG	TAA	0	0	
mORF_-_2566401	2566401	2566442	-	4	42	ATG	TAA	0	0	
mORF_-_2566507	2566507	2566515	-	5	9	GTG	TGA	0	0	
mORF_-_2566516	2566516	2566590	-	5	75	GTG	TAA	0	0	
mORF_-_2566587	2566587	2566595	-	4	9	TTG	TGA	0	0	
mORF_-_2566605	2566605	2566739	-	4	135	ATG	TAA	0	0	
mORF_-_2566615	2566615	2566812	-	5	198	TTG	TGA	0	0	
mORF_-_2566813	2566813	2566830	-	5	18	TTG	TGA	0	0	
mORF_-_2566861	2566861	2566887	-	5	27	ATG	TGA	0	0	
mORF_-_2566891	2566891	2566902	-	5	12	TTG	TAA	0	0	
mORF_-_2566909	2566909	2566935	-	5	27	GTG	TGA	0	0	
mORF_-_2566942	2566942	2566968	-	5	27	ATG	TGA	0	0	
mORF_-_2566975	2566975	2566986	-	5	12	ATG	TGA	0	0	
mORF_-_2567032	2567032	2567079	-	5	48	TTG	TAA	0	0	
mORF_-_2567158	2567158	2567196	-	5	39	TTG	TGA	0	0	
mORF_-_2567203	2567203	2567247	-	5	45	GTG	TGA	0	0	
mORF_-_2567223	2567223	2567282	-	4	60	ATG	TGA	0	0	
mORF_-_2567319	2567319	2567441	-	4	123	TTG	TAG	0	0	
mORF_-_2567386	2567386	2567394	-	5	9	GTG	TGA	0	0	
mORF_-_2567485	2567485	2567526	-	5	42	ATG	TGA	0	0	
mORF_-_2567523	2567523	2568359	-	4	837	ATG	TGA	0	0	
mORF_-_2567560	2567560	2567685	-	5	126	ATG	TAG	0	0	
mORF_-_2567582	2567582	2567725	-	6	144	TTG	TGA	0	0	
mORF_-_2567707	2567707	2567766	-	5	60	TTG	TGA	0	0	
mORF_-_2567753	2567753	2567776	-	6	24	GTG	TGA	0	0	
mORF_-_2567837	2567837	2567869	-	6	33	ATG	TGA	0	0	
mORF_-_2567897	2567897	2567908	-	6	12	TTG	TGA	0	0	
mORF_-_2567936	2567936	2567995	-	6	60	ATG	TAG	0	0	
mORF_-_2567999	2567999	2568241	-	6	243	ATG	TGA	0	0	
mORF_-_2568079	2568079	2568270	-	5	192	GTG	TAG	0	0	
mORF_-_2568301	2568301	2568342	-	5	42	ATG	TAA	0	0	
mORF_-_2568363	2568363	2568389	-	4	27	ATG	TAA	0	0	
mORF_-_2568370	2568370	2569773	-	5	1404	ATG	TAA	4	9	pORF_-_2568370
mORF_-_2568393	2568393	2568419	-	4	27	TTG	TAG	0	0	
mORF_-_2568435	2568435	2568446	-	4	12	GTG	TAA	0	0	
mORF_-_2568443	2568443	2568511	-	6	69	GTG	TGA	0	0	
mORF_-_2568465	2568465	2568548	-	4	84	ATG	TGA	0	0	
mORF_-_2568539	2568539	2568607	-	6	69	TTG	TGA	0	0	
mORF_-_2568627	2568627	2568641	-	4	15	ATG	TAG	0	0	
mORF_-_2568693	2568693	2568806	-	4	114	GTG	TGA	0	0	
mORF_-_2568918	2568918	2568926	-	4	9	ATG	TGA	0	0	
mORF_-_2568930	2568930	2568947	-	4	18	TTG	TAG	0	0	
mORF_-_2568938	2568938	2568970	-	6	33	TTG	TGA	0	0	
mORF_-_2568948	2568948	2569040	-	4	93	ATG	TGA	0	0	
mORF_-_2569047	2569047	2569076	-	4	30	TTG	TAG	0	0	
mORF_-_2569131	2569131	2569325	-	4	195	TTG	TAA	0	0	
mORF_-_2569377	2569377	2569412	-	4	36	TTG	TGA	0	0	
mORF_-_2569409	2569409	2569459	-	6	51	GTG	TGA	0	0	
mORF_-_2569437	2569437	2569544	-	4	108	TTG	TGA	0	0	
mORF_-_2569551	2569551	2569595	-	4	45	TTG	TAG	0	0	
mORF_-_2569623	2569623	2569715	-	4	93	GTG	TAA	0	0	
mORF_-_2569743	2569743	2569757	-	4	15	TTG	TGA	0	0	

mORF_-_2569785	2569785	2570072	-	4	288	ATG	TAA	0	0	
mORF_-_2569799	2569799	2569837	-	6	39	TTG	TAA	0	0	
mORF_-_2569822	2569822	2569845	-	5	24	GTG	TGA	0	0	
mORF_-_2569838	2569838	2569897	-	6	60	GTG	TGA	0	0	
mORF_-_2569870	2569870	2569956	-	5	87	ATG	TAA	0	0	
mORF_-_2569898	2569898	2569984	-	6	87	TTG	TGA	0	0	
mORF_-_2569997	2569997	2570044	-	6	48	TTG	TGA	0	0	
mORF_-_2570008	2570008	2570040	-	5	33	TTG	TGA	0	0	
mORF_-_2570110	2570110	2570169	-	5	60	GTG	TAG	0	0	
mORF_-_2570166	2570166	2570171	-	4	6	GTG	TGA	0	0	
mORF_-_2570179	2570179	2570514	-	5	336	ATG	TAA	5	19	pORF_-_2570179
mORF_-_2570202	2570202	2570381	-	4	180	TTG	TGA	0	0	
mORF_-_2570330	2570330	2570353	-	6	24	GTG	TGA	0	0	
mORF_-_2570403	2570403	2570426	-	4	24	TTG	TGA	0	0	
mORF_-_2570427	2570427	2570435	-	4	9	TTG	TGA	0	0	
mORF_-_2570489	2570489	2570518	-	6	30	TTG	TGA	0	0	
mORF_-_2570511	2570511	2571527	-	4	1017	ATG	TGA	1	2	pORF_-_2570511
mORF_-_2570546	2570546	2570641	-	6	96	TTG	TGA	0	0	
mORF_-_2570605	2570605	2570610	-	5	6	TTG	TAG	0	0	
mORF_-_2570651	2570651	2570704	-	6	54	TTG	TGA	0	0	
mORF_-_2570735	2570735	2571037	-	6	303	TTG	TGA	1	2	pORF_-_2570735
mORF_-_2570902	2570902	2571030	-	5	129	TTG	TAG	0	0	
mORF_-_2571071	2571071	2571178	-	6	108	ATG	TGA	0	0	
mORF_-_2571215	2571215	2571325	-	6	111	TTG	TGA	0	0	
mORF_-_2571326	2571326	2571382	-	6	57	TTG	TGA	0	0	
mORF_-_2571443	2571443	2571451	-	6	9	GTG	TGA	0	0	
mORF_-_2571458	2571458	2571520	-	6	63	TTG	TAG	0	0	
mORF_-_2571505	2571505	2571513	-	5	9	TTG	TGA	0	0	
mORF_-_2571524	2571524	2572327	-	6	804	ATG	TGA	0	0	
mORF_-_2571625	2571625	2571660	-	5	36	TTG	TGA	0	0	
mORF_-_2571688	2571688	2571969	-	5	282	TTG	TAG	0	0	
mORF_-_2571825	2571825	2571929	-	4	105	GTG	TGA	0	0	
mORF_-_2571942	2571942	2572094	-	4	153	GTG	TGA	0	0	
mORF_-_2572045	2572045	2572110	-	5	66	ATG	TGA	0	0	
mORF_-_2572120	2572120	2572185	-	5	66	TTG	TGA	0	0	
mORF_-_2572182	2572182	2572358	-	4	177	ATG	TGA	0	0	
mORF_-_2572324	2572324	2573025	-	5	702	GTG	TGA	0	0	
mORF_-_2572340	2572340	2572537	-	6	198	GTG	TAA	0	0	
mORF_-_2572368	2572368	2572388	-	4	21	TTG	TGA	0	0	
mORF_-_2572440	2572440	2572466	-	4	27	ATG	TGA	0	0	
mORF_-_2572578	2572578	2572583	-	4	6	TTG	TGA	0	0	
mORF_-_2572586	2572586	2572603	-	6	18	TTG	TGA	0	0	
mORF_-_2572590	2572590	2572652	-	4	63	TTG	TGA	0	0	
mORF_-_2572746	2572746	2572796	-	4	51	TTG	TGA	0	0	
mORF_-_2572863	2572863	2573003	-	4	141	ATG	TAA	0	0	
mORF_-_2572880	2572880	2572885	-	6	6	ATG	TGA	0	0	
mORF_-_2573000	2573000	2573479	-	6	480	ATG	TGA	0	0	
mORF_-_2573098	2573098	2573271	-	5	174	ATG	TAA	0	0	
mORF_-_2573284	2573284	2573289	-	5	6	ATG	TAG	0	0	
mORF_-_2573305	2573305	2573469	-	5	165	TTG	TAA	0	0	
mORF_-_2573492	2573492	2573899	-	6	408	TTG	TAA	0	0	
mORF_-_2573503	2573503	2573511	-	5	9	GTG	TGA	0	0	
mORF_-_2573508	2573508	2573513	-	4	6	TTG	TGA	0	0	
mORF_-_2573569	2573569	2573589	-	5	21	ATG	TAG	0	0	
mORF_-_2573593	2573593	2573637	-	5	45	ATG	TGA	0	0	
mORF_-_2573653	2573653	2573661	-	5	9	GTG	TAG	0	0	
mORF_-_2573695	2573695	2573889	-	5	195	TTG	TGA	0	0	
mORF_-_2573874	2573874	2573957	-	4	84	ATG	TGA	0	0	
mORF_-_2573906	2573906	2574037	-	6	132	TTG	TAA	0	0	
mORF_-_2573926	2573926	2573973	-	5	48	TTG	TAG	0	0	
mORF_-_2573964	2573964	2573978	-	4	15	ATG	TGA	0	0	
mORF_-_2574120	2574120	2576399	-	4	2280	ATG	TAA	105	1664	pORF_-_2574120
mORF_-_2574197	2574197	2574223	-	6	27	GTG	TAA	0	0	

mORF_-_2574245	2574245	2574268	-	6	24	GTG	TGA	0	0
mORF_-_2574335	2574335	2574409	-	6	75	TTG	TGA	0	0
mORF_-_2574413	2574413	2574532	-	6	120	TTG	TGA	0	0
mORF_-_2574557	2574557	2574631	-	6	75	GTG	TGA	0	0
mORF_-_2574650	2574650	2574694	-	6	45	ATG	TGA	0	0
mORF_-_2574698	2574698	2574727	-	6	30	GTG	TGA	0	0
mORF_-_2574724	2574724	2574741	-	5	18	TTG	TGA	0	0
mORF_-_2574743	2574743	2574763	-	6	21	GTG	TGA	0	0
mORF_-_2574845	2574845	2574919	-	6	75	TTG	TGA	0	0
mORF_-_2575010	2575010	2575066	-	6	57	TTG	TAA	0	0
mORF_-_2575139	2575139	2575171	-	6	33	TTG	TGA	0	0
mORF_-_2575235	2575235	2575279	-	6	45	TTG	TGA	0	0
mORF_-_2575246	2575246	2575434	-	5	189	GTG	TGA	0	0
mORF_-_2575283	2575283	2575354	-	6	72	GTG	TGA	0	0
mORF_-_2575370	2575370	2575414	-	6	45	GTG	TGA	0	0
mORF_-_2575445	2575445	2575489	-	6	45	ATG	TGA	0	0
mORF_-_2575462	2575462	2575479	-	5	18	TTG	TGA	0	0
mORF_-_2575553	2575553	2575564	-	6	12	GTG	TGA	0	0
mORF_-_2575592	2575592	2575639	-	6	48	TTG	TGA	0	0
mORF_-_2575640	2575640	2575714	-	6	75	GTG	TGA	0	0
mORF_-_2575711	2575711	2575746	-	5	36	TTG	TGA	0	0
mORF_-_2575790	2575790	2575813	-	6	24	GTG	TGA	0	0
mORF_-_2575937	2575937	2576089	-	6	153	TTG	TGA	0	0
mORF_-_2575960	2575960	2575974	-	5	15	ATG	TGA	0	0
mORF_-_2576129	2576129	2576155	-	6	27	TTG	TGA	0	0
mORF_-_2576234	2576234	2576377	-	6	144	GTG	TAA	0	0
mORF_-_2576254	2576254	2576262	-	5	9	TTG	TGA	0	0
mORF_-_2576384	2576384	2576446	-	6	63	TTG	TAA	0	0
mORF_-_2576413	2576413	2576514	-	5	102	TTG	TGA	0	0
mORF_-_2576424	2576424	2576525	-	4	102	ATG	TGA	0	0
mORF_-_2576550	2576550	2576558	-	4	9	GTG	TAG	0	0
mORF_-_2576572	2576572	2576589	-	5	18	ATG	TAA	0	0
mORF_-_2576618	2576618	2576656	-	6	39	ATG	TAA	0	0
mORF_-_2576631	2576631	2576675	-	4	45	TTG	TGA	0	0
mORF_-_2576644	2576644	2576652	-	5	9	GTG	TAA	0	0
mORF_-_2576672	2576672	2576755	-	6	84	ATG	TGA	0	0
mORF_-_2576697	2576697	2576768	-	4	72	ATG	TAA	0	0
mORF_-_2576765	2576765	2576944	-	6	180	TTG	TGA	0	0
mORF_-_2576803	2576803	2576823	-	5	21	GTG	TGA	0	0
mORF_-_2576820	2576820	2576834	-	4	15	ATG	TGA	0	0
mORF_-_2576835	2576835	2576888	-	4	54	TTG	TAA	0	0
mORF_-_2576941	2576941	2577066	-	5	126	GTG	TGA	0	0
mORF_-_2576964	2576964	2577050	-	4	87	TTG	TGA	0	0
mORF_-_2577041	2577041	2577145	-	6	105	TTG	TGA	0	0
mORF_-_2577063	2577063	2577380	-	4	318	TTG	TGA	0	0
mORF_-_2577136	2577136	2577249	-	5	114	GTG	TAA	0	0
mORF_-_2577242	2577242	2577307	-	6	66	TTG	TGA	0	0
mORF_-_2577335	2577335	2577373	-	6	39	GTG	TAG	0	0
mORF_-_2577412	2577412	2577852	-	5	441	GTG	TAG	0	0
mORF_-_2577471	2577471	2577602	-	4	132	TTG	TAA	0	0
mORF_-_2577485	2577485	2577541	-	6	57	TTG	TGA	0	0
mORF_-_2577542	2577542	2577580	-	6	39	ATG	TGA	0	0
mORF_-_2577599	2577599	2577694	-	6	96	GTG	TGA	0	0
mORF_-_2577633	2577633	2577647	-	4	15	GTG	TAG	0	0
mORF_-_2577654	2577654	2577722	-	4	69	TTG	TAA	0	0
mORF_-_2577729	2577729	2577845	-	4	117	TTG	TGA	0	0
mORF_-_2577800	2577800	2577811	-	6	12	TTG	TAG	0	0
mORF_-_2577833	2577833	2578051	-	6	219	GTG	TAA	0	0
mORF_-_2577877	2577877	2578614	-	5	738	TTG	TAG	0	0
mORF_-_2577966	2577966	2577992	-	4	27	GTG	TAG	0	0
mORF_-_2578092	2578092	2578100	-	4	9	GTG	TGA	0	0
mORF_-_2578101	2578101	2578184	-	4	84	TTG	TAG	0	0
mORF_-_2578203	2578203	2578220	-	4	18	ATG	TGA	0	0

mORF_-_2578244	2578244	2578261	-	6	18	TTG	TAA	0	0	
mORF_-_2578376	2578376	2578504	-	6	129	ATG	TAA	0	0	
mORF_-_2578677	2578677	2578691	-	4	15	TTG	TGA	0	0	
mORF_-_2578688	2578688	2578705	-	6	18	TTG	TGA	0	0	
mORF_-_2578696	2578696	2579037	-	5	342	GTG	TAA	0	0	
mORF_-_2578755	2578755	2578862	-	4	108	TTG	TAA	0	0	
mORF_-_2578863	2578863	2578868	-	4	6	ATG	TAG	0	0	
mORF_-_2578872	2578872	2578916	-	4	45	ATG	TAG	0	0	
mORF_-_2578901	2578901	2579002	-	6	102	GTG	TAG	0	0	
mORF_-_2579021	2579021	2579113	-	6	93	TTG	TAA	0	0	
mORF_-_2579028	2579028	2579123	-	4	96	GTG	TAA	0	0	
mORF_-_2579041	2579041	2579088	-	5	48	TTG	TGA	0	0	
mORF_-_2579104	2579104	2579184	-	5	81	GTG	TAA	0	0	
mORF_-_2579117	2579117	2579212	-	6	96	TTG	TGA	0	0	
mORF_-_2579139	2579139	2579186	-	4	48	TTG	TGA	0	0	
mORF_-_2579274	2579274	2579384	-	4	111	TTG	TAA	0	0	
mORF_-_2579329	2579329	2579352	-	5	24	TTG	TGA	0	0	
mORF_-_2579365	2579365	2579634	-	5	270	ATG	TAA	0	0	
mORF_-_2579462	2579462	2579539	-	6	78	TTG	TAG	0	0	
mORF_-_2579505	2579505	2579516	-	4	12	TTG	TAA	0	0	
mORF_-_2579556	2579556	2579771	-	4	216	GTG	TAA	0	0	
mORF_-_2579603	2579603	2579626	-	6	24	TTG	TAA	0	0	
mORF_-_2579716	2579716	2579880	-	5	165	GTG	TAG	0	0	
mORF_-_2579735	2579735	2579740	-	6	6	ATG	TAG	0	0	
mORF_-_2579756	2579756	2580799	-	6	1044	ATG	TAA	0	0	
mORF_-_2579853	2579853	2579882	-	4	30	TTG	TGA	0	0	
mORF_-_2579911	2579911	2579937	-	5	27	TTG	TGA	0	0	
mORF_-_2579950	2579950	2579964	-	5	15	ATG	TGA	0	0	
mORF_-_2580016	2580016	2580078	-	5	63	GTG	TAG	0	0	
mORF_-_2580027	2580027	2580044	-	4	18	ATG	TAA	0	0	
mORF_-_2580091	2580091	2580105	-	5	15	ATG	TGA	0	0	
mORF_-_2580109	2580109	2580123	-	5	15	ATG	TGA	0	0	
mORF_-_2580124	2580124	2580165	-	5	42	ATG	TGA	0	0	
mORF_-_2580166	2580166	2580183	-	5	18	ATG	TGA	0	0	
mORF_-_2580234	2580234	2580308	-	4	75	GTG	TAA	0	0	
mORF_-_2580253	2580253	2580345	-	5	93	TTG	TGA	0	0	
mORF_-_2580364	2580364	2580372	-	5	9	GTG	TAA	0	0	
mORF_-_2580373	2580373	2580396	-	5	24	ATG	TGA	0	0	
mORF_-_2580427	2580427	2580462	-	5	36	ATG	TGA	0	0	
mORF_-_2580459	2580459	2580494	-	4	36	GTG	TGA	0	0	
mORF_-_2580469	2580469	2580504	-	5	36	GTG	TAG	0	0	
mORF_-_2580505	2580505	2580525	-	5	21	ATG	TAA	0	0	
mORF_-_2580574	2580574	2580606	-	5	33	ATG	TGA	0	0	
mORF_-_2580640	2580640	2580837	-	5	198	TTG	TGA	0	0	
mORF_-_2580693	2580693	2580824	-	4	132	TTG	TAA	0	0	
mORF_-_2580821	2580821	2580904	-	6	84	TTG	TGA	0	0	
mORF_-_2580868	2580868	2580894	-	5	27	TTG	TGA	0	0	
mORF_-_2580925	2580925	2581527	-	5	603	TTG	TGA	1	4	pORF_-_2580925
mORF_-_2580933	2580933	2580983	-	4	51	GTG	TAA	0	0	
mORF_-_2581002	2581002	2581091	-	4	90	GTG	TGA	0	0	
mORF_-_2581125	2581125	2581259	-	4	135	TTG	TGA	0	0	
mORF_-_2581193	2581193	2581216	-	6	24	GTG	TGA	0	0	
mORF_-_2581260	2581260	2581301	-	4	42	GTG	TGA	0	0	
mORF_-_2581314	2581314	2581385	-	4	72	GTG	TGA	0	0	
mORF_-_2581497	2581497	2581511	-	4	15	GTG	TGA	0	0	
mORF_-_2581568	2581568	2583547	-	6	1980	ATG	TGA	16	106	pORF_-_2581568
mORF_-_2581588	2581588	2581731	-	5	144	ATG	TAA	0	0	
mORF_-_2581674	2581674	2581784	-	4	111	GTG	TGA	0	0	
mORF_-_2581762	2581762	2581809	-	5	48	TTG	TAA	0	0	
mORF_-_2581819	2581819	2581944	-	5	126	ATG	TGA	0	0	
mORF_-_2581945	2581945	2581953	-	5	9	TTG	TGA	0	0	
mORF_-_2582008	2582008	2582100	-	5	93	GTG	TGA	0	0	
mORF_-_2582191	2582191	2582253	-	5	63	ATG	TGA	0	0	

mORF_-_2582287	2582287	2582460	-	5	174	GTG	TAG	0	0
mORF_-_2582352	2582352	2582357	-	4	6	TTG	TGA	0	0
mORF_-_2582488	2582488	2582502	-	5	15	ATG	TGA	0	0
mORF_-_2582509	2582509	2582583	-	5	75	ATG	TGA	0	0
mORF_-_2582587	2582587	2582640	-	5	54	TTG	TAA	0	0
mORF_-_2582592	2582592	2582603	-	4	12	TTG	TGA	0	0
mORF_-_2582653	2582653	2582694	-	5	42	GTG	TAA	0	0
mORF_-_2582691	2582691	2582714	-	4	24	TTG	TGA	0	0
mORF_-_2582788	2582788	2582970	-	5	183	GTG	TGA	0	0
mORF_-_2582796	2582796	2582804	-	4	9	GTG	TGA	0	0
mORF_-_2582817	2582817	2582837	-	4	21	ATG	TAA	0	0
mORF_-_2582838	2582838	2582861	-	4	24	GTG	TGA	0	0
mORF_-_2583000	2583000	2583044	-	4	45	GTG	TAA	0	0
mORF_-_2583007	2583007	2583177	-	5	171	GTG	TAA	0	0
mORF_-_2583108	2583108	2583140	-	4	33	TTG	TGA	0	0
mORF_-_2583144	2583144	2583188	-	4	45	ATG	TGA	0	0
mORF_-_2583229	2583229	2583372	-	5	144	GTG	TGA	0	0
mORF_-_2583276	2583276	2583290	-	4	15	GTG	TAA	0	0
mORF_-_2583369	2583369	2583374	-	4	6	TTG	TGA	0	0
mORF_-_2583385	2583385	2583393	-	5	9	GTG	TGA	0	0
mORF_-_2583448	2583448	2583501	-	5	54	ATG	TGA	0	0
mORF_-_2583492	2583492	2583515	-	4	24	ATG	TGA	0	0
mORF_-_2583584	2583584	2583634	-	6	51	ATG	TAA	0	0
mORF_-_2583610	2583610	2583627	-	5	18	TTG	TAA	0	0
mORF_-_2583652	2583652	2583693	-	5	42	GTG	TAG	0	0
mORF_-_2583660	2583660	2583680	-	4	21	TTG	TAG	0	0
mORF_-_2583690	2583690	2583725	-	4	36	ATG	TGA	0	0
mORF_-_2583800	2583800	2583883	-	6	84	TTG	TAA	0	0
mORF_-_2583843	2583843	2583962	-	4	120	ATG	TAG	0	0
mORF_-_2583880	2583880	2583948	-	5	69	GTG	TGA	0	0
mORF_-_2583923	2583923	2583955	-	6	33	TTG	TAG	0	0
mORF_-_2583952	2583952	2583993	-	5	42	GTG	TGA	0	0
mORF_-_2583969	2583969	2583989	-	4	21	ATG	TAA	0	0
mORF_-_2583974	2583974	2584012	-	6	39	TTG	TGA	0	0
mORF_-_2583999	2583999	2584055	-	4	57	ATG	TAA	0	0
mORF_-_2584046	2584046	2584096	-	6	51	TTG	TAG	0	0
mORF_-_2584115	2584115	2584123	-	6	9	TTG	TGA	0	0
mORF_-_2584167	2584167	2584421	-	4	255	ATG	TAA	0	0
mORF_-_2584175	2584175	2584267	-	6	93	ATG	TAG	0	0
mORF_-_2584303	2584303	2584389	-	5	87	TTG	TAA	0	0
mORF_-_2584313	2584313	2584483	-	6	171	TTG	TGA	0	0
mORF_-_2584446	2584446	2584559	-	4	114	ATG	TGA	0	0
mORF_-_2584505	2584505	2584582	-	6	78	TTG	TGA	0	0
mORF_-_2584605	2584605	2584643	-	4	39	TTG	TAA	0	0
mORF_-_2584630	2584630	2584737	-	5	108	ATG	TAA	0	0
mORF_-_2584671	2584671	2584727	-	4	57	GTG	TAA	0	0
mORF_-_2584737	2584737	2584817	-	4	81	TTG	TGA	0	0
mORF_-_2584789	2584789	2584947	-	5	159	GTG	TAA	0	0
mORF_-_2584811	2584811	2584846	-	6	36	ATG	TGA	0	0
mORF_-_2584818	2584818	2584862	-	4	45	GTG	TAA	0	0
mORF_-_2584886	2584886	2584957	-	6	72	ATG	TAA	0	0
mORF_-_2584908	2584908	2584949	-	4	42	TTG	TAA	0	0
mORF_-_2585014	2585014	2585136	-	5	123	GTG	TAG	0	0
mORF_-_2585079	2585079	2585318	-	4	240	ATG	TAA	0	0
mORF_-_2585087	2585087	2585254	-	6	168	TTG	TGA	0	0
mORF_-_2585255	2585255	2585260	-	6	6	GTG	TGA	0	0
mORF_-_2585318	2585318	2585398	-	6	81	GTG	TAA	0	0
mORF_-_2585332	2585332	2585379	-	5	48	GTG	TGA	0	0
mORF_-_2585376	2585376	2585381	-	4	6	TTG	TGA	0	0
mORF_-_2585441	2585441	2585470	-	6	30	TTG	TGA	0	0
mORF_-_2585460	2585460	2585483	-	4	24	GTG	TAG	0	0
mORF_-_2585484	2585484	2585507	-	4	24	ATG	TAA	0	0
mORF_-_2585514	2585514	2585645	-	4	132	ATG	TAA	0	0

mORF_-_2585519	2585519	2585602	-	6	84	GTG	TAA	0	0	
mORF_-_2585581	2585581	2585586	-	5	6	TTG	TAG	0	0	
mORF_-_2585630	2585630	2585737	-	6	108	GTG	TAA	0	0	
mORF_-_2585701	2585701	2585817	-	5	117	TTG	TGA	0	0	
mORF_-_2585756	2585756	2585773	-	6	18	ATG	TAG	0	0	
mORF_-_2585760	2585760	2585843	-	4	84	ATG	TAG	0	0	
mORF_-_2585840	2585840	2585881	-	6	42	ATG	TGA	0	0	
mORF_-_2585856	2585856	2585870	-	4	15	GTG	TGA	0	0	
mORF_-_2585874	2585874	2585960	-	4	87	ATG	TGA	0	0	
mORF_-_2585890	2585890	2585952	-	5	63	TTG	TAA	0	0	
mORF_-_2585968	2585968	2585985	-	5	18	TTG	TAA	0	0	
mORF_-_2585988	2585988	2586035	-	4	48	ATG	TGA	0	0	
mORF_-_2586112	2586112	2586159	-	5	48	TTG	TAA	0	0	
mORF_-_2586147	2586147	2586377	-	4	231	TTG	TAG	0	0	
mORF_-_2586224	2586224	2586283	-	6	60	GTG	TGA	0	0	
mORF_-_2586241	2586241	2586270	-	5	30	TTG	TGA	0	0	
mORF_-_2586317	2586317	2586343	-	6	27	GTG	TAA	0	0	
mORF_-_2586328	2586328	2586339	-	5	12	TTG	TGA	0	0	
mORF_-_2586378	2586378	2586416	-	4	39	GTG	TGA	0	0	
mORF_-_2586388	2586388	2586696	-	5	309	TTG	TGA	0	0	
mORF_-_2586444	2586444	2586722	-	4	279	GTG	TAA	0	0	
mORF_-_2586777	2586777	2587013	-	4	237	ATG	TAA	0	0	
mORF_-_2586890	2586890	2586982	-	6	93	TTG	TGA	0	0	
mORF_-_2587014	2587014	2587100	-	4	87	GTG	TAG	0	0	
mORF_-_2587079	2587079	2587102	-	6	24	GTG	TGA	0	0	
mORF_-_2587102	2587102	2587221	-	5	120	GTG	TAG	0	0	
mORF_-_2587106	2587106	2587114	-	6	9	GTG	TAA	0	0	
mORF_-_2587131	2587131	2587181	-	4	51	TTG	TGA	0	0	
mORF_-_2587245	2587245	2587325	-	4	81	ATG	TAA	0	0	
mORF_-_2587331	2587331	2587360	-	6	30	TTG	TAG	0	0	
mORF_-_2587357	2587357	2587689	-	5	333	GTG	TGA	0	0	
mORF_-_2587404	2587404	2587553	-	4	150	ATG	TAG	1	6	pORF_-_2587404
mORF_-_2587553	2587553	2587567	-	6	15	TTG	TAA	0	0	
mORF_-_2587601	2587601	2587624	-	6	24	TTG	TAA	0	0	
mORF_-_2587625	2587625	2587708	-	6	84	GTG	TAA	0	0	
mORF_-_2587747	2587747	2587863	-	5	117	TTG	TAG	0	0	
mORF_-_2587818	2587818	2587856	-	4	39	GTG	TGA	0	0	
mORF_-_2587847	2587847	2587858	-	6	12	GTG	TAA	0	0	
mORF_-_2587923	2587923	2588003	-	4	81	ATG	TAG	0	0	
mORF_-_2587967	2587967	2588107	-	6	141	GTG	TGA	0	0	
mORF_-_2588138	2588138	2588356	-	6	219	TTG	TAA	0	0	
mORF_-_2588202	2588202	2588246	-	4	45	ATG	TGA	0	0	
mORF_-_2588385	2588385	2588438	-	4	54	ATG	TAA	0	0	
mORF_-_2588419	2588419	2588505	-	5	87	GTG	TAA	0	0	
mORF_-_2588456	2588456	2588551	-	6	96	ATG	TAG	0	0	
mORF_-_2588514	2588514	2588585	-	4	72	GTG	TGA	0	0	
mORF_-_2588521	2588521	2588754	-	5	234	TTG	TAA	0	0	
mORF_-_2588552	2588552	2588578	-	6	27	TTG	TAA	0	0	
mORF_-_2588604	2588604	2588651	-	4	48	GTG	TGA	0	0	
mORF_-_2588660	2588660	2588749	-	6	90	ATG	TAG	0	0	
mORF_-_2588664	2588664	2588771	-	4	108	TTG	TAA	0	0	
mORF_-_2588822	2588822	2588884	-	6	63	TTG	TGA	0	0	
mORF_-_2588829	2588829	2588888	-	4	60	ATG	TAA	0	0	
mORF_-_2588885	2588885	2588893	-	6	9	TTG	TGA	0	0	
mORF_-_2588917	2588917	2588928	-	5	12	TTG	TAG	0	0	
mORF_-_2588944	2588944	2588985	-	5	42	TTG	TAG	0	0	
mORF_-_2588969	2588969	2589064	-	6	96	ATG	TAG	0	0	
mORF_-_2588989	2588989	2589057	-	5	69	ATG	TAA	0	0	
mORF_-_2589000	2589000	2589035	-	4	36	GTG	TAG	0	0	
mORF_-_2589054	2589054	2589107	-	4	54	TTG	TGA	0	0	
mORF_-_2589147	2589147	2589248	-	4	102	ATG	TAA	0	0	
mORF_-_2589184	2589184	2589267	-	5	84	ATG	TAA	0	0	
mORF_-_2589245	2589245	2589358	-	6	114	ATG	TGA	0	0	

mORF_-_2589273	2589273	2589278	-	4	6	GTG	TAA	0	0	
mORF_-_2589280	2589280	2589342	-	5	63	ATG	TAA	0	0	
mORF_-_2589361	2589361	2589540	-	5	180	TTG	TAA	0	0	
mORF_-_2589432	2589432	2589449	-	4	18	TTG	TGA	0	0	
mORF_-_2589486	2589486	2589533	-	4	48	TTG	TGA	0	0	
mORF_-_2589512	2589512	2589658	-	6	147	TTG	TAA	0	0	
mORF_-_2589537	2589537	2589548	-	4	12	ATG	TGA	0	0	
mORF_-_2589601	2589601	2590044	-	5	444	TTG	TGA	0	0	
mORF_-_2589642	2589642	2589656	-	4	15	GTG	TAA	0	0	
mORF_-_2589741	2589741	2589788	-	4	48	ATG	TAA	0	0	
mORF_-_2589809	2589809	2589826	-	6	18	ATG	TAA	0	0	
mORF_-_2589864	2589864	2590007	-	4	144	ATG	TGA	0	0	
mORF_-_2589902	2589902	2590042	-	6	141	GTG	TAA	0	0	
mORF_-_2590014	2590014	2590169	-	4	156	ATG	TGA	0	0	
mORF_-_2590096	2590096	2590188	-	5	93	ATG	TAA	0	0	
mORF_-_2590169	2590169	2590243	-	6	75	ATG	TAA	0	0	
mORF_-_2590182	2590182	2590253	-	4	72	GTG	TAA	0	0	
mORF_-_2590213	2590213	2590233	-	5	21	TTG	TAG	0	0	
mORF_-_2590268	2590268	2590558	-	6	291	GTG	TAA	0	0	
mORF_-_2590288	2590288	2590332	-	5	45	TTG	TGA	0	0	
mORF_-_2590336	2590336	2590431	-	5	96	TTG	TGA	0	0	
mORF_-_2590428	2590428	2590505	-	4	78	ATG	TGA	0	0	
mORF_-_2590558	2590558	2590665	-	5	108	GTG	TAG	0	0	
mORF_-_2590580	2590580	2590672	-	6	93	ATG	TAG	0	0	
mORF_-_2590709	2590709	2590972	-	6	264	TTG	TAG	0	0	
mORF_-_2590726	2590726	2590929	-	5	204	TTG	TGA	0	0	
mORF_-_2590926	2590926	2590997	-	4	72	TTG	TGA	0	0	
mORF_-_2590994	2590994	2591035	-	6	42	TTG	TGA	0	0	
mORF_-_2591017	2591017	2591064	-	5	48	GTG	TAA	0	0	
mORF_-_2591094	2591094	2591816	-	4	723	ATG	TAA	0	0	
mORF_-_2591099	2591099	2591107	-	6	9	TTG	TGA	0	0	
mORF_-_2591108	2591108	2591137	-	6	30	GTG	TGA	0	0	
mORF_-_2591138	2591138	2591221	-	6	84	ATG	TAA	0	0	
mORF_-_2591249	2591249	2591266	-	6	18	GTG	TGA	0	0	
mORF_-_2591270	2591270	2591329	-	6	60	ATG	TAA	0	0	
mORF_-_2591333	2591333	2591413	-	6	81	TTG	TGA	0	0	
mORF_-_2591492	2591492	2591644	-	6	153	GTG	TAG	0	0	
mORF_-_2591569	2591569	2591601	-	5	33	GTG	TAA	0	0	
mORF_-_2591645	2591645	2591677	-	6	33	TTG	TGA	0	0	
mORF_-_2591687	2591687	2591785	-	6	99	ATG	TAG	0	0	
mORF_-_2591803	2591803	2591847	-	5	45	ATG	TAA	0	0	
mORF_-_2591822	2591822	2591884	-	6	63	ATG	TAA	0	0	
mORF_-_2591835	2591835	2591840	-	4	6	TTG	TGA	0	0	
mORF_-_2591866	2591866	2593881	-	5	2016	ATG	TGA	2	4	pORF_-_2591866
mORF_-_2591889	2591889	2592068	-	4	180	GTG	TAA	0	0	
mORF_-_2591993	2591993	2592007	-	6	15	ATG	TAA	0	0	
mORF_-_2592065	2592065	2592094	-	6	30	TTG	TGA	0	0	
mORF_-_2592105	2592105	2592173	-	4	69	ATG	TAA	0	0	
mORF_-_2592177	2592177	2592281	-	4	105	GTG	TAA	0	0	
mORF_-_2592185	2592185	2592211	-	6	27	GTG	TGA	0	0	
mORF_-_2592278	2592278	2592313	-	6	36	TTG	TGA	0	0	
mORF_-_2592282	2592282	2592401	-	4	120	TTG	TGA	0	0	
mORF_-_2592335	2592335	2592382	-	6	48	ATG	TAA	0	0	
mORF_-_2592405	2592405	2592452	-	4	48	TTG	TGA	0	0	
mORF_-_2592498	2592498	2592713	-	4	216	ATG	TAG	0	0	
mORF_-_2592578	2592578	2592607	-	6	30	ATG	TAA	0	0	
mORF_-_2592641	2592641	2592808	-	6	168	ATG	TGA	0	0	
mORF_-_2592717	2592717	2592758	-	4	42	GTG	TGA	0	0	
mORF_-_2592780	2592780	2592947	-	4	168	TTG	TAA	0	0	
mORF_-_2592872	2592872	2592913	-	6	42	ATG	TGA	0	0	
mORF_-_2592944	2592944	2592976	-	6	33	TTG	TGA	0	0	
mORF_-_2592981	2592981	2592995	-	4	15	GTG	TGA	0	0	
mORF_-_2593029	2593029	2593124	-	4	96	ATG	TAA	0	0	

mORF_-_2593131	2593131	2593280	-	4	150	GTG	TAG	0	0	
mORF_-_2593329	2593329	2593532	-	4	204	ATG	TAA	0	0	
mORF_-_2593499	2593499	2593507	-	6	9	TTG	TGA	0	0	
mORF_-_2593532	2593532	2593558	-	6	27	ATG	TGA	0	0	
mORF_-_2593593	2593593	2593784	-	4	192	TTG	TGA	0	0	
mORF_-_2593712	2593712	2593738	-	6	27	GTG	TGA	0	0	
mORF_-_2593781	2593781	2593792	-	6	12	TTG	TGA	0	0	
mORF_-_2593806	2593806	2593835	-	4	30	GTG	TGA	0	0	
mORF_-_2593874	2593874	2593987	-	6	114	ATG	TGA	0	0	
mORF_-_2593896	2593896	2594759	-	4	864	ATG	TAA	2	9	pORF_-_2593896
mORF_-_2593906	2593906	2593923	-	5	18	ATG	TAA	0	0	
mORF_-_2594006	2594006	2594041	-	6	36	ATG	TAG	0	0	
mORF_-_2594063	2594063	2594134	-	6	72	TTG	TGA	0	0	
mORF_-_2594228	2594228	2594302	-	6	75	TTG	TAG	0	0	
mORF_-_2594312	2594312	2594353	-	6	42	ATG	TGA	0	0	
mORF_-_2594320	2594320	2594364	-	5	45	TTG	TGA	0	0	
mORF_-_2594411	2594411	2594419	-	6	9	GTG	TGA	0	0	
mORF_-_2594504	2594504	2594536	-	6	33	ATG	TGA	0	0	
mORF_-_2594597	2594597	2594623	-	6	27	TTG	TAA	0	0	
mORF_-_2594645	2594645	2594782	-	6	138	ATG	TGA	0	0	
mORF_-_2594737	2594737	2594754	-	5	18	TTG	TGA	0	0	
mORF_-_2594782	2594782	2594967	-	5	186	ATG	TAA	0	0	
mORF_-_2594805	2594805	2594909	-	4	105	TTG	TGA	0	0	
mORF_-_2594858	2594858	2594866	-	6	9	ATG	TGA	0	0	
mORF_-_2594927	2594927	2595649	-	6	723	GTG	TGA	91	2584	pORF_-_2594927
mORF_-_2594964	2594964	2595041	-	4	78	GTG	TGA	0	0	
mORF_-_2594977	2594977	2595102	-	5	126	TTG	TGA	0	0	
mORF_-_2595127	2595127	2595141	-	5	15	ATG	TGA	0	0	
mORF_-_2595211	2595211	2595222	-	5	12	TTG	TGA	0	0	
mORF_-_2595301	2595301	2595327	-	5	27	TTG	TGA	0	0	
mORF_-_2595334	2595334	2595375	-	5	42	TTG	TGA	0	0	
mORF_-_2595357	2595357	2595371	-	4	15	GTG	TAA	0	0	
mORF_-_2595372	2595372	2595407	-	4	36	ATG	TGA	0	0	
mORF_-_2595493	2595493	2595615	-	5	123	GTG	TGA	0	0	
mORF_-_2595646	2595646	2595753	-	5	108	TTG	TGA	0	0	
mORF_-_2595663	2595663	2595749	-	4	87	TTG	TAA	0	0	
mORF_-_2595737	2595737	2595814	-	6	78	ATG	TAG	0	0	
mORF_-_2595772	2595772	2595801	-	5	30	GTG	TAG	0	0	
mORF_-_2595853	2595853	2596890	-	5	1038	TTG	TAA	46	534	pORF_-_2595853
mORF_-_2595957	2595957	2595986	-	4	30	GTG	TAG	0	0	
mORF_-_2596046	2596046	2596135	-	6	90	TTG	TAA	0	0	
mORF_-_2596095	2596095	2596220	-	4	126	GTG	TGA	0	0	
mORF_-_2596284	2596284	2596325	-	4	42	TTG	TGA	0	0	
mORF_-_2596350	2596350	2596415	-	4	66	GTG	TGA	0	0	
mORF_-_2596391	2596391	2596456	-	6	66	TTG	TAA	0	0	
mORF_-_2596464	2596464	2596670	-	4	207	GTG	TGA	0	0	
mORF_-_2596523	2596523	2596540	-	6	18	GTG	TAG	0	0	
mORF_-_2596680	2596680	2596700	-	4	21	GTG	TGA	0	0	
mORF_-_2596719	2596719	2596850	-	4	132	TTG	TGA	0	0	
mORF_-_2596897	2596897	2596953	-	5	57	GTG	TAG	0	0	
mORF_-_2596904	2596904	2597800	-	6	897	TTG	TAA	43	630	pORF_-_2596904
mORF_-_2596969	2596969	2597001	-	5	33	TTG	TGA	0	0	
mORF_-_2597013	2597013	2597024	-	4	12	ATG	TAA	0	0	
mORF_-_2597026	2597026	2597052	-	5	27	TTG	TGA	0	0	
mORF_-_2597074	2597074	2597223	-	5	150	ATG	TGA	0	0	
mORF_-_2597085	2597085	2597132	-	4	48	GTG	TAA	0	0	
mORF_-_2597230	2597230	2597247	-	5	18	ATG	TGA	0	0	
mORF_-_2597272	2597272	2597277	-	5	6	GTG	TAA	0	0	
mORF_-_2597320	2597320	2597382	-	5	63	ATG	TAA	0	0	
mORF_-_2597479	2597479	2597505	-	5	27	ATG	TGA	0	0	
mORF_-_2597518	2597518	2597562	-	5	45	TTG	TGA	0	0	
mORF_-_2597563	2597563	2597580	-	5	18	ATG	TAA	0	0	
mORF_-_2597602	2597602	2597625	-	5	24	ATG	TGA	0	0	

mORF_-_2597629	2597629	2597700	-	5	72	TTG	TAA	0	0
mORF_-_2597710	2597710	2597766	-	5	57	TTG	TGA	0	0
mORF_-_2597739	2597739	2597813	-	4	75	TTG	TGA	0	0
mORF_-_2597810	2597810	2597842	-	6	33	TTG	TGA	0	0
mORF_-_2597833	2597833	2597874	-	5	42	ATG	TAA	0	0
mORF_-_2597882	2597882	2597902	-	6	21	TTG	TAA	0	0
mORF_-_2597893	2597893	2597907	-	5	15	GTG	TAA	0	0
mORF_-_2597911	2597911	2597940	-	5	30	ATG	TAA	0	0
mORF_-_2597937	2597937	2598011	-	4	75	ATG	TGA	0	0
mORF_-_2597948	2597948	2598004	-	6	57	GTG	TAA	0	0
mORF_-_2598008	2598008	2598178	-	6	171	GTG	TGA	0	0
mORF_-_2598079	2598079	2598099	-	5	21	ATG	TAA	0	0
mORF_-_2598109	2598109	2598210	-	5	102	ATG	TAA	0	0
mORF_-_2598159	2598159	2598248	-	4	90	ATG	TAA	0	0
mORF_-_2598221	2598221	2598265	-	6	45	GTG	TGA	0	0
mORF_-_2598249	2598249	2598407	-	4	159	TTG	TAA	0	0
mORF_-_2598262	2598262	2598396	-	5	135	TTG	TGA	0	0
mORF_-_2598284	2598284	2598316	-	6	33	GTG	TGA	0	0
mORF_-_2598356	2598356	2598463	-	6	108	TTG	TGA	0	0
mORF_-_2598420	2598420	2598530	-	4	111	GTG	TAG	0	0
mORF_-_2598433	2598433	2598441	-	5	9	GTG	TGA	0	0
mORF_-_2598464	2598464	2598565	-	6	102	TTG	TAA	0	0
mORF_-_2598610	2598610	2598840	-	5	231	TTG	TAG	0	0
mORF_-_2598656	2598656	2598964	-	6	309	GTG	TAA	0	0
mORF_-_2598844	2598844	2598855	-	5	12	ATG	TAG	0	0
mORF_-_2598856	2598856	2598927	-	5	72	TTG	TGA	0	0
mORF_-_2598915	2598915	2599013	-	4	99	ATG	TGA	0	0
mORF_-_2598928	2598928	2599020	-	5	93	GTG	TGA	0	0
mORF_-_2598971	2598971	2599039	-	6	69	GTG	TAA	0	0
mORF_-_2599036	2599036	2599104	-	5	69	ATG	TGA	0	0
mORF_-_2599116	2599116	2599355	-	4	240	TTG	TGA	0	0
mORF_-_2599127	2599127	2599135	-	6	9	ATG	TAA	0	0
mORF_-_2599156	2599156	2599194	-	5	39	TTG	TAA	0	0
mORF_-_2599160	2599160	2599171	-	6	12	ATG	TGA	0	0
mORF_-_2599199	2599199	2599309	-	6	111	TTG	TGA	0	0
mORF_-_2599210	2599210	2599359	-	5	150	GTG	TGA	0	0
mORF_-_2599313	2599313	2599324	-	6	12	GTG	TAA	0	0
mORF_-_2599349	2599349	2599450	-	6	102	TTG	TGA	0	0
mORF_-_2599378	2599378	2599425	-	5	48	ATG	TGA	0	0
mORF_-_2599429	2599429	2599479	-	5	51	TTG	TGA	0	0
mORF_-_2599452	2599452	2599511	-	4	60	TTG	TGA	0	0
mORF_-_2599512	2599512	2599577	-	4	66	GTG	TGA	0	0
mORF_-_2599520	2599520	2599552	-	6	33	TTG	TGA	0	0
mORF_-_2599561	2599561	2599581	-	5	21	TTG	TGA	0	0
mORF_-_2599574	2599574	2599612	-	6	39	ATG	TGA	0	0
mORF_-_2599578	2599578	2599607	-	4	30	GTG	TGA	0	0
mORF_-_2599714	2599714	2599734	-	5	21	GTG	TGA	0	0
mORF_-_2599721	2599721	2599834	-	6	114	TTG	TAA	0	0
mORF_-_2599731	2599731	2599784	-	4	54	TTG	TGA	0	0
mORF_-_2599753	2599753	2599824	-	5	72	GTG	TGA	0	0
mORF_-_2599837	2599837	2599854	-	5	18	TTG	TAG	0	0
mORF_-_2599878	2599878	2599982	-	4	105	ATG	TAG	0	0
mORF_-_2599909	2599909	2599998	-	5	90	TTG	TAA	0	0
mORF_-_2599949	2599949	2599954	-	6	6	ATG	TGA	0	0
mORF_-_2599991	2599991	2600086	-	6	96	ATG	TAA	0	0
mORF_-_2599999	2599999	2600004	-	5	6	ATG	TAA	0	0
mORF_-_2600099	2600099	2600137	-	6	39	ATG	TAA	0	0
mORF_-_2600134	2600134	2600355	-	5	222	GTG	TGA	0	0
mORF_-_2600142	2600142	2600333	-	4	192	ATG	TAA	0	0
mORF_-_2600201	2600201	2600209	-	6	9	ATG	TGA	0	0
mORF_-_2600337	2600337	2600435	-	4	99	GTG	TAG	0	0
mORF_-_2600345	2600345	2600557	-	6	213	ATG	TAA	0	0
mORF_-_2600440	2600440	2600643	-	5	204	TTG	TGA	0	0

mORF_-_2600541	2600541	2600840	-	4	300	GTG	TGA	0	0
mORF_-_2600591	2600591	2600692	-	6	102	TTG	TGA	0	0
mORF_-_2600780	2600780	2600821	-	6	42	GTG	TAA	0	0
mORF_-_2600818	2600818	2600883	-	5	66	ATG	TGA	0	0
mORF_-_2600837	2600837	2600863	-	6	27	GTG	TGA	0	0
mORF_-_2600868	2600868	2601410	-	4	543	GTG	TGA	0	0
mORF_-_2600902	2600902	2600946	-	5	45	GTG	TAG	0	0
mORF_-_2600924	2600924	2601001	-	6	78	ATG	TAA	0	0
mORF_-_2601053	2601053	2601088	-	6	36	GTG	TGA	0	0
mORF_-_2601112	2601112	2601228	-	5	117	GTG	TAG	0	0
mORF_-_2601197	2601197	2601289	-	6	93	GTG	TAA	0	0
mORF_-_2601298	2601298	2601417	-	5	120	ATG	TAA	0	0
mORF_-_2601308	2601308	2601328	-	6	21	GTG	TAA	0	0
mORF_-_2601356	2601356	2601421	-	6	66	GTG	TAA	0	0
mORF_-_2601414	2601414	2601428	-	4	15	GTG	TGA	0	0
mORF_-_2601425	2601425	2601541	-	6	117	ATG	TGA	0	0
mORF_-_2601480	2601480	2601524	-	4	45	GTG	TAA	0	0
mORF_-_2601546	2601546	2601683	-	4	138	GTG	TAG	0	0
mORF_-_2601628	2601628	2601636	-	5	9	TTG	TAG	0	0
mORF_-_2601658	2601658	2601783	-	5	126	TTG	TAG	0	0
mORF_-_2601680	2601680	2601826	-	6	147	GTG	TGA	0	0
mORF_-_2601693	2601693	2601764	-	4	72	TTG	TGA	0	0
mORF_-_2601838	2601838	2601903	-	5	66	ATG	TAG	0	0
mORF_-_2601845	2601845	2601877	-	6	33	TTG	TAG	0	0
mORF_-_2601900	2601900	2601947	-	4	48	GTG	TGA	0	0
mORF_-_2601938	2601938	2602033	-	6	96	GTG	TAG	0	0
mORF_-_2602018	2602018	2602188	-	5	171	GTG	TAA	0	0
mORF_-_2602041	2602041	2602067	-	4	27	ATG	TAA	0	0
mORF_-_2602107	2602107	2602142	-	4	36	GTG	TGA	0	0
mORF_-_2602191	2602191	2602310	-	4	120	TTG	TAA	0	0
mORF_-_2602195	2602195	2602746	-	5	552	ATG	TAG	0	0
mORF_-_2602314	2602314	2602325	-	4	12	GTG	TAA	0	0
mORF_-_2602322	2602322	2602360	-	6	39	ATG	TGA	0	0
mORF_-_2602449	2602449	2602658	-	4	210	GTG	TGA	0	0
mORF_-_2602586	2602586	2602627	-	6	42	TTG	TGA	0	0
mORF_-_2602674	2602674	2602727	-	4	54	GTG	TGA	0	0
mORF_-_2602739	2602739	2602753	-	6	15	ATG	TAA	0	0
mORF_-_2602770	2602770	2602823	-	4	54	GTG	TGA	0	0
mORF_-_2602802	2602802	2602957	-	6	156	ATG	TAA	0	0
mORF_-_2602857	2602857	2602904	-	4	48	TTG	TAA	0	0
mORF_-_2602870	2602870	2602965	-	5	96	GTG	TAA	0	0
mORF_-_2602962	2602962	2603159	-	4	198	ATG	TGA	0	0
mORF_-_2602982	2602982	2603110	-	6	129	GTG	TGA	0	0
mORF_-_2603107	2603107	2603184	-	5	78	ATG	TGA	0	0
mORF_-_2603114	2603114	2603122	-	6	9	GTG	TAG	0	0
mORF_-_2603126	2603126	2603167	-	6	42	GTG	TAA	0	0
mORF_-_2603290	2603290	2603328	-	5	39	GTG	TGA	0	0
mORF_-_2603297	2603297	2603347	-	6	51	GTG	TAA	0	0
mORF_-_2603337	2603337	2603351	-	4	15	ATG	TAA	0	0
mORF_-_2603348	2603348	2603386	-	6	39	GTG	TGA	0	0
mORF_-_2603416	2603416	2603547	-	5	132	GTG	TAA	0	0
mORF_-_2603433	2603433	2603438	-	4	6	GTG	TAA	0	0
mORF_-_2603459	2603459	2603470	-	6	12	ATG	TAA	0	0
mORF_-_2603502	2603502	2603513	-	4	12	TTG	TAG	0	0
mORF_-_2603520	2603520	2603639	-	4	120	ATG	TAG	0	0
mORF_-_2603551	2603551	2603574	-	5	24	ATG	TGA	0	0
mORF_-_2603594	2603594	2603680	-	6	87	ATG	TAA	0	0
mORF_-_2603662	2603662	2603670	-	5	9	GTG	TGA	0	0
mORF_-_2603674	2603674	2603709	-	5	36	GTG	TGA	0	0
mORF_-_2603684	2603684	2603749	-	6	66	GTG	TAA	0	0
mORF_-_2603730	2603730	2603933	-	4	204	GTG	TAG	0	0
mORF_-_2603750	2603750	2603821	-	6	72	ATG	TGA	0	0
mORF_-_2603825	2603825	2603836	-	6	12	TTG	TAG	0	0

mORF_-_2603885	2603885	2604154	-	6	270	TTG	TAA	0	0	
mORF_-_2604121	2604121	2604357	-	5	237	TTG	TAA	0	0	
mORF_-_2604294	2604294	2604335	-	4	42	ATG	TAG	0	0	
mORF_-_2604354	2604354	2604398	-	4	45	GTG	TGA	0	0	
mORF_-_2604382	2604382	2604510	-	5	129	ATG	TAA	0	0	
mORF_-_2604395	2604395	2604451	-	6	57	TTG	TGA	0	0	
mORF_-_2604507	2604507	2604614	-	4	108	ATG	TGA	0	0	
mORF_-_2604514	2604514	2604543	-	5	30	ATG	TAA	0	0	
mORF_-_2604677	2604677	2604772	-	6	96	ATG	TAA	0	0	
mORF_-_2604682	2604682	2604723	-	5	42	TTG	TGA	0	0	
mORF_-_2604711	2604711	2604803	-	4	93	GTG	TGA	0	0	
mORF_-_2604745	2604745	2604912	-	5	168	TTG	TAA	0	0	
mORF_-_2604849	2604849	2604872	-	4	24	TTG	TGA	0	0	
mORF_-_2604863	2604863	2604892	-	6	30	GTG	TAA	0	0	
mORF_-_2604944	2604944	2605069	-	6	126	GTG	TAA	0	0	
mORF_-_2605050	2605050	2605055	-	4	6	ATG	TAA	0	0	
mORF_-_2605059	2605059	2605250	-	4	192	GTG	TAA	0	0	
mORF_-_2605066	2605066	2605089	-	5	24	GTG	TGA	0	0	
mORF_-_2605148	2605148	2605207	-	6	60	GTG	TGA	0	0	
mORF_-_2605204	2605204	2605263	-	5	60	GTG	TGA	0	0	
mORF_-_2605226	2605226	2605231	-	6	6	ATG	TAG	0	0	
mORF_-_2605260	2605260	2605298	-	4	39	ATG	TGA	0	0	
mORF_-_2605283	2605283	2605402	-	6	120	ATG	TAG	0	0	
mORF_-_2605327	2605327	2605434	-	5	108	ATG	TAA	0	0	
mORF_-_2605409	2605409	2605651	-	6	243	ATG	TGA	0	0	
mORF_-_2605416	2605416	2605565	-	4	150	TTG	TGA	0	0	
mORF_-_2605558	2605558	2605587	-	5	30	ATG	TAA	0	0	
mORF_-_2605641	2605641	2605772	-	4	132	TTG	TAG	0	0	
mORF_-_2605754	2605754	2606167	-	6	414	ATG	TAA	1	3	pORF_-_2605754
mORF_-_2605807	2605807	2605842	-	5	36	ATG	TGA	0	0	
mORF_-_2605867	2605867	2605989	-	5	123	TTG	TAA	0	0	
mORF_-_2605923	2605923	2605967	-	4	45	GTG	TAG	0	0	
mORF_-_2605971	2605971	2606192	-	4	222	GTG	TAA	0	0	
mORF_-_2606074	2606074	2606082	-	5	9	ATG	TGA	0	0	
mORF_-_2606167	2606167	2606184	-	5	18	GTG	TAA	0	0	
mORF_-_2606189	2606189	2606485	-	6	297	GTG	TGA	0	0	
mORF_-_2606268	2606268	2606381	-	4	114	TTG	TAA	0	0	
mORF_-_2606293	2606293	2606331	-	5	39	TTG	TAA	0	0	
mORF_-_2606347	2606347	2606379	-	5	33	GTG	TGA	0	0	
mORF_-_2606413	2606413	2606490	-	5	78	ATG	TAG	0	0	
mORF_-_2606424	2606424	2606465	-	4	42	ATG	TGA	0	0	
mORF_-_2606478	2606478	2606636	-	4	159	TTG	TGA	0	0	
mORF_-_2606516	2606516	2606530	-	6	15	TTG	TAA	0	0	
mORF_-_2606527	2606527	2606730	-	5	204	ATG	TGA	0	0	
mORF_-_2606633	2606633	2606719	-	6	87	GTG	TGA	0	0	
mORF_-_2606670	2606670	2606705	-	4	36	TTG	TGA	0	0	
mORF_-_2606720	2606720	2606755	-	6	36	TTG	TAA	0	0	
mORF_-_2606742	2606742	2606831	-	4	90	GTG	TAA	0	0	
mORF_-_2606824	2606824	2607165	-	5	342	ATG	TGA	0	0	
mORF_-_2606828	2606828	2606833	-	6	6	GTG	TGA	0	0	
mORF_-_2606910	2606910	2606966	-	4	57	TTG	TGA	0	0	
mORF_-_2606979	2606979	2607083	-	4	105	GTG	TAA	0	0	
mORF_-_2607080	2607080	2607319	-	6	240	GTG	TGA	0	0	
mORF_-_2607156	2607156	2607173	-	4	18	ATG	TAA	0	0	
mORF_-_2607201	2607201	2607206	-	4	6	TTG	TAG	0	0	
mORF_-_2607220	2607220	2607321	-	5	102	ATG	TAA	0	0	
mORF_-_2607267	2607267	2607275	-	4	9	TTG	TAG	0	0	
mORF_-_2607355	2607355	2607939	-	5	585	TTG	TAG	0	0	
mORF_-_2607486	2607486	2607632	-	4	147	GTG	TAG	0	0	
mORF_-_2607608	2607608	2607721	-	6	114	GTG	TAG	0	0	
mORF_-_2607633	2607633	2607647	-	4	15	ATG	TGA	0	0	
mORF_-_2607699	2607699	2607821	-	4	123	ATG	TAG	0	0	
mORF_-_2607770	2607770	2607835	-	6	66	GTG	TGA	0	0	

mORF_-_2607851	2607851	2608030	-	6	180	GTG	TAA	0	0
mORF_-_2607864	2607864	2607971	-	4	108	GTG	TGA	0	0
mORF_-_2607972	2607972	2607980	-	4	9	TTG	TAG	0	0
mORF_-_2607996	2607996	2608013	-	4	18	TTG	TAA	0	0
mORF_-_2608037	2608037	2608111	-	6	75	TTG	TAA	0	0
mORF_-_2608059	2608059	2608100	-	4	42	TTG	TAG	0	0
mORF_-_2608140	2608140	2608385	-	4	246	GTG	TAG	0	0
mORF_-_2608195	2608195	2608524	-	5	330	ATG	TAA	0	0
mORF_-_2608208	2608208	2608252	-	6	45	GTG	TAA	0	0
mORF_-_2608259	2608259	2608342	-	6	84	TTG	TGA	0	0
mORF_-_2608413	2608413	2608490	-	4	78	TTG	TAA	0	0
mORF_-_2608484	2608484	2608618	-	6	135	GTG	TGA	0	0
mORF_-_2608503	2608503	2608802	-	4	300	ATG	TAG	0	0
mORF_-_2608525	2608525	2608566	-	5	42	TTG	TAG	0	0
mORF_-_2608594	2608594	2608671	-	5	78	TTG	TAA	0	0
mORF_-_2608715	2608715	2608768	-	6	54	GTG	TAG	0	0
mORF_-_2608741	2608741	2608746	-	5	6	GTG	TAA	0	0
mORF_-_2608835	2608835	2608924	-	6	90	ATG	TAA	0	0
mORF_-_2608891	2608891	2608896	-	5	6	GTG	TAA	0	0
mORF_-_2608924	2608924	2608941	-	5	18	GTG	TAA	0	0
mORF_-_2608938	2608938	2608949	-	4	12	GTG	TGA	0	0
mORF_-_2608946	2608946	2608981	-	6	36	GTG	TGA	0	0
mORF_-_2608962	2608962	2609258	-	4	297	TTG	TAA	0	0
mORF_-_2608978	2608978	2609160	-	5	183	GTG	TGA	0	0
mORF_-_2609090	2609090	2609173	-	6	84	ATG	TAG	0	0
mORF_-_2609228	2609228	2609299	-	6	72	ATG	TAA	0	0
mORF_-_2609251	2609251	2609286	-	5	36	GTG	TAG	0	0
mORF_-_2609283	2609283	2609369	-	4	87	ATG	TGA	0	0
mORF_-_2609333	2609333	2609437	-	6	105	TTG	TGA	0	0
mORF_-_2609370	2609370	2609453	-	4	84	TTG	TAA	0	0
mORF_-_2609398	2609398	2609430	-	5	33	GTG	TAA	0	0
mORF_-_2609434	2609434	2609559	-	5	126	GTG	TGA	0	0
mORF_-_2609475	2609475	2609480	-	4	6	ATG	TAA	0	0
mORF_-_2609584	2609584	2609832	-	5	249	ATG	TAG	0	0
mORF_-_2609588	2609588	2609671	-	6	84	GTG	TAG	0	0
mORF_-_2609598	2609598	2609819	-	4	222	ATG	TGA	0	0
mORF_-_2609732	2609732	2609779	-	6	48	GTG	TAA	0	0
mORF_-_2609820	2609820	2609828	-	4	9	ATG	TGA	0	0
mORF_-_2609829	2609829	2609864	-	4	36	ATG	TGA	0	0
mORF_-_2609865	2609865	2609906	-	4	42	ATG	TAG	0	0
mORF_-_2609906	2609906	2610106	-	6	201	TTG	TAA	0	0
mORF_-_2609926	2609926	2610009	-	5	84	GTG	TAG	0	0
mORF_-_2609931	2609931	2609960	-	4	30	TTG	TGA	0	0
mORF_-_2610003	2610003	2610017	-	4	15	GTG	TAA	0	0
mORF_-_2610033	2610033	2610191	-	4	159	GTG	TAA	0	0
mORF_-_2610097	2610097	2610153	-	5	57	TTG	TGA	0	0
mORF_-_2610188	2610188	2610328	-	6	141	TTG	TGA	0	0
mORF_-_2610225	2610225	2610317	-	4	93	TTG	TAG	0	0
mORF_-_2610256	2610256	2610276	-	5	21	GTG	TAA	0	0
mORF_-_2610301	2610301	2610321	-	5	21	ATG	TGA	0	0
mORF_-_2610318	2610318	2610383	-	4	66	ATG	TGA	0	0
mORF_-_2610403	2610403	2610420	-	5	18	GTG	TAG	0	0
mORF_-_2610417	2610417	2610470	-	4	54	ATG	TGA	0	0
mORF_-_2610486	2610486	2610512	-	4	27	ATG	TGA	0	0
mORF_-_2610509	2610509	2610961	-	6	453	ATG	TGA	0	0
mORF_-_2610529	2610529	2610702	-	5	174	ATG	TGA	0	0
mORF_-_2610558	2610558	2610614	-	4	57	TTG	TGA	0	0
mORF_-_2610618	2610618	2610674	-	4	57	TTG	TAG	0	0
mORF_-_2610693	2610693	2610779	-	4	87	ATG	TAA	0	0
mORF_-_2610736	2610736	2610765	-	5	30	ATG	TAA	0	0
mORF_-_2610819	2610819	2611091	-	4	273	TTG	TAG	0	0
mORF_-_2610961	2610961	2610981	-	5	21	TTG	TAA	0	0
mORF_-_2610968	2610968	2611063	-	6	96	TTG	TGA	0	0

mORF_-_2611088	2611088	2611141	-	6	54	ATG	TGA	0	0
mORF_-_2611167	2611167	2611214	-	4	48	ATG	TAA	0	0
mORF_-_2611175	2611175	2611246	-	6	72	GTG	TGA	0	0
mORF_-_2611278	2611278	2611400	-	4	123	TTG	TAA	0	0
mORF_-_2611286	2611286	2611384	-	6	99	TTG	TGA	0	0
mORF_-_2611369	2611369	2611509	-	5	141	TTG	TGA	0	0
mORF_-_2611436	2611436	2611609	-	6	174	TTG	TAA	0	0
mORF_-_2611503	2611503	2611538	-	4	36	ATG	TAA	0	0
mORF_-_2611516	2611516	2612007	-	5	492	TTG	TGA	0	0
mORF_-_2611674	2611674	2611679	-	4	6	ATG	TAA	0	0
mORF_-_2611680	2611680	2611694	-	4	15	TTG	TAG	0	0
mORF_-_2611752	2611752	2611760	-	4	9	GTG	TAA	0	0
mORF_-_2611793	2611793	2611801	-	6	9	ATG	TGA	0	0
mORF_-_2611805	2611805	2611966	-	6	162	TTG	TGA	0	0
mORF_-_2611890	2611890	2612030	-	4	141	ATG	TGA	0	0
mORF_-_2612108	2612108	2612419	-	6	312	TTG	TAA	0	0
mORF_-_2612119	2612119	2612148	-	5	30	ATG	TAA	0	0
mORF_-_2612148	2612148	2612156	-	4	9	ATG	TAA	0	0
mORF_-_2612176	2612176	2612181	-	5	6	GTG	TAA	0	0
mORF_-_2612221	2612221	2612250	-	5	30	TTG	TGA	0	0
mORF_-_2612287	2612287	2612295	-	5	9	GTG	TAA	0	0
mORF_-_2612335	2612335	2612433	-	5	99	ATG	TGA	0	0
mORF_-_2612400	2612400	2612429	-	4	30	ATG	TAA	0	0
mORF_-_2612426	2612426	2612467	-	6	42	TTG	TGA	0	0
mORF_-_2612498	2612498	2612713	-	6	216	TTG	TAA	0	0
mORF_-_2612514	2612514	2612699	-	4	186	ATG	TAA	0	0
mORF_-_2612548	2612548	2612685	-	5	138	GTG	TGA	0	0
mORF_-_2612787	2612787	2612876	-	4	90	ATG	TAA	0	0
mORF_-_2612792	2612792	2612938	-	6	147	GTG	TGA	0	0
mORF_-_2612842	2612842	2613903	-	5	1062	ATG	TAA	0	0
mORF_-_2612892	2612892	2612945	-	4	54	GTG	TGA	0	0
mORF_-_2613045	2613045	2613110	-	4	66	TTG	TGA	0	0
mORF_-_2613074	2613074	2613301	-	6	228	GTG	TGA	0	0
mORF_-_2613123	2613123	2613140	-	4	18	TTG	TGA	0	0
mORF_-_2613288	2613288	2613320	-	4	33	GTG	TGA	0	0
mORF_-_2613477	2613477	2613515	-	4	39	TTG	TGA	0	0
mORF_-_2613531	2613531	2613566	-	4	36	TTG	TAA	0	0
mORF_-_2613578	2613578	2613745	-	6	168	ATG	TAA	0	0
mORF_-_2613654	2613654	2613827	-	4	174	TTG	TGA	0	0
mORF_-_2613828	2613828	2613848	-	4	21	TTG	TAG	0	0
mORF_-_2613863	2613863	2613946	-	6	84	TTG	TAG	0	0
mORF_-_2613922	2613922	2614011	-	5	90	ATG	TGA	0	0
mORF_-_2613960	2613960	2613965	-	4	6	TTG	TGA	0	0
mORF_-_2614008	2614008	2614043	-	4	36	TTG	TGA	0	0
mORF_-_2614021	2614021	2614083	-	5	63	TTG	TAG	0	0
mORF_-_2614034	2614034	2614039	-	6	6	GTG	TAA	0	0
mORF_-_2614088	2614088	2614171	-	6	84	ATG	TAG	0	0
mORF_-_2614120	2614120	2614149	-	5	30	TTG	TGA	0	0
mORF_-_2614175	2614175	2614252	-	6	78	ATG	TGA	0	0
mORF_-_2614280	2614280	2614378	-	6	99	TTG	TAA	0	0
mORF_-_2614329	2614329	2614502	-	4	174	TTG	TAA	0	0
mORF_-_2614384	2614384	2614392	-	5	9	GTG	TAA	0	0
mORF_-_2614397	2614397	2614453	-	6	57	TTG	TGA	0	0
mORF_-_2614499	2614499	2614540	-	6	42	GTG	TGA	0	0
mORF_-_2614509	2614509	2614550	-	4	42	GTG	TGA	0	0
mORF_-_2614615	2614615	2614671	-	5	57	GTG	TAG	0	0
mORF_-_2614620	2614620	2614754	-	4	135	TTG	TAA	0	0
mORF_-_2614685	2614685	2614735	-	6	51	ATG	TGA	0	0
mORF_-_2614702	2614702	2614785	-	5	84	TTG	TGA	0	0
mORF_-_2614842	2614842	2615051	-	4	210	TTG	TAA	0	0
mORF_-_2614850	2614850	2614888	-	6	39	TTG	TGA	0	0
mORF_-_2614894	2614894	2614959	-	5	66	GTG	TAG	0	0
mORF_-_2614937	2614937	2614993	-	6	57	GTG	TAG	0	0

mORF_-_2614990	2614990	2615145	-	5	156	ATG	TGA	0	0	
mORF_-_2615033	2615033	2615257	-	6	225	TTG	TGA	0	0	
mORF_-_2615064	2615064	2615114	-	4	51	TTG	TAA	0	0	
mORF_-_2615118	2615118	2615183	-	4	66	TTG	TAA	0	0	
mORF_-_2615229	2615229	2615294	-	4	66	TTG	TAA	0	0	
mORF_-_2615254	2615254	2615292	-	5	39	GTG	TGA	0	0	
mORF_-_2615285	2615285	2615305	-	6	21	TTG	TGA	0	0	
mORF_-_2615318	2615318	2615347	-	6	30	TTG	TAG	0	0	
mORF_-_2615326	2615326	2615367	-	5	42	GTG	TAA	0	0	
mORF_-_2615447	2615447	2615455	-	6	9	ATG	TGA	0	0	
mORF_-_2615490	2615490	2615507	-	4	18	TTG	TAA	0	0	
mORF_-_2615513	2615513	2615527	-	6	15	ATG	TAA	0	0	
mORF_-_2615557	2615557	2615607	-	5	51	TTG	TAA	0	0	
mORF_-_2615564	2615564	2615626	-	6	63	ATG	TAA	0	0	
mORF_-_2615586	2615586	2615729	-	4	144	TTG	TAA	0	0	
mORF_-_2615639	2615639	2616010	-	6	372	GTG	TGA	0	0	
mORF_-_2615832	2615832	2615930	-	4	99	GTG	TAA	0	0	
mORF_-_2615851	2615851	2615910	-	5	60	TTG	TGA	0	0	
mORF_-_2615974	2615974	2616084	-	5	111	TTG	TAG	0	0	
mORF_-_2616032	2616032	2616091	-	6	60	GTG	TAG	0	0	
mORF_-_2616039	2616039	2616077	-	4	39	ATG	TAA	0	0	
mORF_-_2616097	2616097	2616843	-	5	747	GTG	TAG	2	4	pORF_-_2616097
mORF_-_2616117	2616117	2616122	-	4	6	TTG	TGA	0	0	
mORF_-_2616132	2616132	2616161	-	4	30	GTG	TGA	0	0	
mORF_-_2616216	2616216	2616299	-	4	84	ATG	TGA	0	0	
mORF_-_2616299	2616299	2616463	-	6	165	GTG	TGA	0	0	
mORF_-_2616399	2616399	2616743	-	4	345	TTG	TGA	0	0	
mORF_-_2616467	2616467	2616484	-	6	18	GTG	TGA	0	0	
mORF_-_2616557	2616557	2616610	-	6	54	TTG	TAA	0	0	
mORF_-_2616795	2616795	2616821	-	4	27	GTG	TGA	0	0	
mORF_-_2616818	2616818	2616877	-	6	60	GTG	TGA	0	0	
mORF_-_2616837	2616837	2616893	-	4	57	ATG	TAA	0	0	
mORF_-_2616893	2616893	2618224	-	6	1332	TTG	TAA	0	0	
mORF_-_2616904	2616904	2616954	-	5	51	GTG	TAA	0	0	
mORF_-_2617036	2617036	2617050	-	5	15	GTG	TAA	0	0	
mORF_-_2617123	2617123	2617158	-	5	36	ATG	TGA	0	0	
mORF_-_2617198	2617198	2617287	-	5	90	GTG	TGA	0	0	
mORF_-_2617300	2617300	2617344	-	5	45	TTG	TGA	0	0	
mORF_-_2617357	2617357	2617380	-	5	24	TTG	TGA	0	0	
mORF_-_2617431	2617431	2617511	-	4	81	GTG	TAA	0	0	
mORF_-_2617453	2617453	2617467	-	5	15	TTG	TAG	0	0	
mORF_-_2617495	2617495	2617623	-	5	129	TTG	TGA	0	0	
mORF_-_2617624	2617624	2617653	-	5	30	GTG	TAA	0	0	
mORF_-_2617734	2617734	2617895	-	4	162	GTG	TGA	0	0	
mORF_-_2617765	2617765	2617797	-	5	33	TTG	TAG	0	0	
mORF_-_2617858	2617858	2617923	-	5	66	ATG	TGA	0	0	
mORF_-_2617927	2617927	2618157	-	5	231	GTG	TAG	0	0	
mORF_-_2618158	2618158	2618172	-	5	15	GTG	TGA	0	0	
mORF_-_2618261	2618261	2618299	-	6	39	ATG	TAA	0	0	
mORF_-_2618268	2618268	2618921	-	4	654	GTG	TAA	70	2779	pORF_-_2618268
mORF_-_2618333	2618333	2618347	-	6	15	TTG	TGA	0	0	
mORF_-_2618456	2618456	2618509	-	6	54	TTG	TGA	0	0	
mORF_-_2618513	2618513	2618638	-	6	126	GTG	TGA	0	0	
mORF_-_2618645	2618645	2618677	-	6	33	TTG	TGA	0	0	
mORF_-_2618777	2618777	2618839	-	6	63	GTG	TGA	0	0	
mORF_-_2618891	2618891	2618989	-	6	99	TTG	TGA	0	0	
mORF_-_2618953	2618953	2618964	-	5	12	TTG	TGA	0	0	
mORF_-_2619045	2619045	2619119	-	4	75	TTG	TAA	0	0	
mORF_-_2619061	2619061	2619081	-	5	21	TTG	TAG	0	0	
mORF_-_2619068	2619068	2619145	-	6	78	TTG	TAA	0	0	
mORF_-_2619180	2619180	2619377	-	4	198	TTG	TAA	0	0	
mORF_-_2619188	2619188	2619196	-	6	9	TTG	TAG	0	0	
mORF_-_2619242	2619242	2619427	-	6	186	TTG	TAG	0	0	

mORF_-_2619295	2619295	2619441	-	5	147	TTG	TGA	0	0
mORF_-_2619447	2619447	2619512	-	4	66	TTG	TAA	0	0
mORF_-_2619455	2619455	2619487	-	6	33	ATG	TGA	0	0
mORF_-_2619493	2619493	2619549	-	5	57	TTG	TAA	0	0
mORF_-_2619542	2619542	2619595	-	6	54	ATG	TAA	0	0
mORF_-_2619576	2619576	2619614	-	4	39	TTG	TGA	0	0
mORF_-_2619586	2619586	2619627	-	5	42	GTG	TGA	0	0
mORF_-_2619624	2619624	2619668	-	4	45	GTG	TGA	0	0
mORF_-_2619677	2619677	2619727	-	6	51	ATG	TAA	0	0
mORF_-_2619717	2619717	2619845	-	4	129	TTG	TGA	0	0
mORF_-_2619742	2619742	2619786	-	5	45	GTG	TGA	0	0
mORF_-_2619797	2619797	2619850	-	6	54	GTG	TAG	0	0
mORF_-_2619826	2619826	2619891	-	5	66	GTG	TGA	0	0
mORF_-_2619870	2619870	2619881	-	4	12	ATG	TAA	0	0
mORF_-_2619878	2619878	2619901	-	6	24	ATG	TGA	0	0
mORF_-_2619902	2619902	2619988	-	6	87	ATG	TAA	0	0
mORF_-_2619912	2619912	2620238	-	4	327	TTG	TGA	0	0
mORF_-_2620013	2620013	2620219	-	6	207	TTG	TGA	0	0
mORF_-_2620246	2620246	2620425	-	5	180	ATG	TAA	0	0
mORF_-_2620272	2620272	2620304	-	4	33	TTG	TAA	0	0
mORF_-_2620295	2620295	2620579	-	6	285	GTG	TAA	0	0
mORF_-_2620356	2620356	2620412	-	4	57	TTG	TGA	0	0
mORF_-_2620422	2620422	2620493	-	4	72	GTG	TGA	0	0
mORF_-_2620471	2620471	2620527	-	5	57	ATG	TGA	0	0
mORF_-_2620530	2620530	2620658	-	4	129	ATG	TGA	0	0
mORF_-_2620552	2620552	2620575	-	5	24	ATG	TAG	0	0
mORF_-_2620576	2620576	2620614	-	5	39	GTG	TGA	0	0
mORF_-_2620607	2620607	2620666	-	6	60	ATG	TAA	0	0
mORF_-_2620621	2620621	2620782	-	5	162	ATG	TGA	0	0
mORF_-_2620703	2620703	2621020	-	6	318	ATG	TAA	0	0
mORF_-_2620749	2620749	2620790	-	4	42	GTG	TGA	0	0
mORF_-_2620936	2620936	2621007	-	5	72	TTG	TGA	0	0
mORF_-_2620941	2620941	2621000	-	4	60	ATG	TGA	0	0
mORF_-_2621071	2621071	2621118	-	5	48	TTG	TGA	0	0
mORF_-_2621108	2621108	2621290	-	6	183	ATG	TAA	0	0
mORF_-_2621131	2621131	2621148	-	5	18	TTG	TGA	0	0
mORF_-_2621188	2621188	2621196	-	5	9	TTG	TAG	0	0
mORF_-_2621212	2621212	2621274	-	5	63	TTG	TAG	0	0
mORF_-_2621278	2621278	2621301	-	5	24	TTG	TGA	0	0
mORF_-_2621347	2621347	2621418	-	5	72	TTG	TAG	0	0
mORF_-_2621357	2621357	2621467	-	6	111	GTG	TAG	0	0
mORF_-_2621461	2621461	2621496	-	5	36	GTG	TGA	0	0
mORF_-_2621524	2621524	2621529	-	5	6	GTG	TAA	0	0
mORF_-_2621530	2621530	2621565	-	5	36	ATG	TAG	0	0
mORF_-_2621547	2621547	2621591	-	4	45	ATG	TAA	0	0
mORF_-_2621569	2621569	2621670	-	5	102	ATG	TAA	0	0
mORF_-_2621677	2621677	2621700	-	5	24	TTG	TAA	0	0
mORF_-_2621697	2621697	2621738	-	4	42	TTG	TGA	0	0
mORF_-_2621731	2621731	2621820	-	5	90	TTG	TAG	0	0
mORF_-_2621768	2621768	2621776	-	6	9	ATG	TAA	0	0
mORF_-_2621857	2621857	2621874	-	5	18	TTG	TGA	0	0
mORF_-_2621891	2621891	2621950	-	6	60	ATG	TAA	0	0
mORF_-_2621917	2621917	2621928	-	5	12	ATG	TAG	0	0
mORF_-_2621947	2621947	2622072	-	5	126	ATG	TGA	0	0
mORF_-_2621967	2621967	2622011	-	4	45	GTG	TAA	0	0
mORF_-_2622020	2622020	2622121	-	6	102	ATG	TAA	0	0
mORF_-_2622106	2622106	2622111	-	5	6	GTG	TGA	0	0
mORF_-_2622139	2622139	2622183	-	5	45	ATG	TGA	0	0
mORF_-_2622177	2622177	2622206	-	4	30	GTG	TAA	0	0
mORF_-_2622184	2622184	2622300	-	5	117	ATG	TAA	0	0
mORF_-_2622203	2622203	2622238	-	6	36	ATG	TGA	0	0
mORF_-_2622210	2622210	2622236	-	4	27	GTG	TGA	0	0
mORF_-_2622269	2622269	2622370	-	6	102	GTG	TAA	0	0

mORF_-_2622339	2622339	2622425	-	4	87	GTG	TAA	0	0
mORF_-_2622367	2622367	2622375	-	5	9	TTG	TGA	0	0
mORF_-_2622389	2622389	2622427	-	6	39	GTG	TGA	0	0
mORF_-_2622418	2622418	2622429	-	5	12	ATG	TAA	0	0
mORF_-_2622475	2622475	2622510	-	5	36	TTG	TAG	0	0
mORF_-_2622534	2622534	2622563	-	4	30	ATG	TAA	0	0
mORF_-_2622568	2622568	2622813	-	5	246	ATG	TAA	0	0
mORF_-_2622572	2622572	2622589	-	6	18	TTG	TAA	0	0
mORF_-_2622602	2622602	2622646	-	6	45	TTG	TAG	0	0
mORF_-_2622674	2622674	2622841	-	6	168	ATG	TAG	0	0
mORF_-_2622883	2622883	2622915	-	5	33	TTG	TAG	0	0
mORF_-_2622922	2622922	2623014	-	5	93	TTG	TAA	0	0
mORF_-_2623011	2623011	2623019	-	4	9	GTG	TGA	0	0
mORF_-_2623048	2623048	2623074	-	5	27	TTG	TAG	0	0
mORF_-_2623102	2623102	2623110	-	5	9	TTG	TAG	0	0
mORF_-_2623107	2623107	2623148	-	4	42	GTG	TGA	0	0
mORF_-_2623112	2623112	2623123	-	6	12	TTG	TGA	0	0
mORF_-_2623135	2623135	2623197	-	5	63	TTG	TAG	0	0
mORF_-_2623194	2623194	2623274	-	4	81	ATG	TGA	0	0
mORF_-_2623205	2623205	2623240	-	6	36	ATG	TGA	0	0
mORF_-_2623246	2623246	2623320	-	5	75	TTG	TAA	0	0
mORF_-_2623362	2623362	2623724	-	4	363	TTG	TAG	0	0
mORF_-_2623415	2623415	2623462	-	6	48	ATG	TGA	0	0
mORF_-_2623466	2623466	2623552	-	6	87	TTG	TAG	0	0
mORF_-_2623661	2623661	2623684	-	6	24	TTG	TAA	0	0
mORF_-_2623681	2623681	2623776	-	5	96	TTG	TGA	0	0
mORF_-_2623697	2623697	2623711	-	6	15	ATG	TGA	0	0
mORF_-_2623737	2623737	2623808	-	4	72	ATG	TAA	0	0
mORF_-_2623757	2623757	2623795	-	6	39	ATG	TGA	0	0
mORF_-_2623846	2623846	2623905	-	5	60	ATG	TAA	0	0
mORF_-_2623884	2623884	2623892	-	4	9	GTG	TAA	0	0
mORF_-_2623889	2623889	2623996	-	6	108	ATG	TGA	0	0
mORF_-_2624025	2624025	2624210	-	4	186	TTG	TAA	0	0
mORF_-_2624069	2624069	2624107	-	6	39	TTG	TGA	0	0
mORF_-_2624114	2624114	2624266	-	6	153	TTG	TGA	0	0
mORF_-_2624220	2624220	2624372	-	4	153	GTG	TAG	0	0
mORF_-_2624326	2624326	2624358	-	5	33	GTG	TAA	0	0
mORF_-_2624369	2624369	2624476	-	6	108	TTG	TGA	0	0
mORF_-_2624416	2624416	2624439	-	5	24	GTG	TAA	0	0
mORF_-_2624466	2624466	2624606	-	4	141	TTG	TAA	0	0
mORF_-_2624470	2624470	2624508	-	5	39	ATG	TGA	0	0
mORF_-_2624483	2624483	2624497	-	6	15	GTG	TGA	0	0
mORF_-_2624518	2624518	2624541	-	5	24	GTG	TAA	0	0
mORF_-_2624563	2624563	2624661	-	5	99	GTG	TAA	0	0
mORF_-_2624675	2624675	2624713	-	6	39	ATG	TAA	0	0
mORF_-_2624713	2624713	2624748	-	5	36	ATG	TAA	0	0
mORF_-_2624717	2624717	2626960	-	6	2244	ATG	TGA	0	0
mORF_-_2624749	2624749	2624760	-	5	12	TTG	TGA	0	0
mORF_-_2624761	2624761	2624847	-	5	87	TTG	TAA	0	0
mORF_-_2624844	2624844	2624894	-	4	51	TTG	TGA	0	0
mORF_-_2624905	2624905	2624976	-	5	72	ATG	TAG	0	0
mORF_-_2624977	2624977	2625033	-	5	57	TTG	TGA	0	0
mORF_-_2625043	2625043	2625087	-	5	45	ATG	TAG	0	0
mORF_-_2625091	2625091	2625309	-	5	219	TTG	TGA	0	0
mORF_-_2625114	2625114	2625131	-	4	18	GTG	TGA	0	0
mORF_-_2625168	2625168	2625191	-	4	24	ATG	TGA	0	0
mORF_-_2625273	2625273	2625284	-	4	12	GTG	TGA	0	0
mORF_-_2625346	2625346	2625363	-	5	18	GTG	TGA	0	0
mORF_-_2625367	2625367	2625402	-	5	36	GTG	TGA	0	0
mORF_-_2625483	2625483	2625668	-	4	186	TTG	TAA	0	0
mORF_-_2625604	2625604	2625663	-	5	60	ATG	TGA	0	0
mORF_-_2625733	2625733	2625915	-	5	183	GTG	TGA	0	0
mORF_-_2625855	2625855	2625893	-	4	39	TTG	TAA	0	0

mORF_-_2625928	2625928	2625975	-	5	48	TTG	TGA	0	0
mORF_-_2625994	2625994	2626038	-	5	45	TTG	TAG	0	0
mORF_-_2626165	2626165	2626179	-	5	15	ATG	TGA	0	0
mORF_-_2626170	2626170	2626196	-	4	27	GTG	TAA	0	0
mORF_-_2626201	2626201	2626257	-	5	57	ATG	TGA	0	0
mORF_-_2626254	2626254	2626271	-	4	18	ATG	TGA	0	0
mORF_-_2626258	2626258	2626290	-	5	33	GTG	TAA	0	0
mORF_-_2626291	2626291	2626341	-	5	51	TTG	TAG	0	0
mORF_-_2626368	2626368	2626415	-	4	48	GTG	TAG	0	0
mORF_-_2626393	2626393	2626425	-	5	33	GTG	TAG	0	0
mORF_-_2626462	2626462	2626491	-	5	30	GTG	TAA	0	0
mORF_-_2626522	2626522	2626536	-	5	15	TTG	TAG	0	0
mORF_-_2626549	2626549	2626575	-	5	27	TTG	TGA	0	0
mORF_-_2626600	2626600	2626617	-	5	18	ATG	TAA	0	0
mORF_-_2626629	2626629	2626664	-	4	36	TTG	TAA	0	0
mORF_-_2626696	2626696	2626743	-	5	48	TTG	TAA	0	0
mORF_-_2626804	2626804	2626839	-	5	36	GTG	TGA	0	0
mORF_-_2626863	2626863	2626922	-	4	60	ATG	TAA	0	0
mORF_-_2626888	2626888	2626929	-	5	42	GTG	TAA	0	0
mORF_-_2626926	2626926	2627018	-	4	93	GTG	TGA	0	0
mORF_-_2626936	2626936	2626950	-	5	15	ATG	TAA	0	0
mORF_-_2626957	2626957	2626983	-	5	27	GTG	TGA	0	0
mORF_-_2627002	2627002	2627058	-	5	57	ATG	TGA	0	0
mORF_-_2627036	2627036	2627101	-	6	66	TTG	TAA	0	0
mORF_-_2627064	2627064	2627105	-	4	42	TTG	TAG	0	0
mORF_-_2627117	2627117	2627140	-	6	24	ATG	TAA	0	0
mORF_-_2627142	2627142	2627294	-	4	153	ATG	TAA	0	0
mORF_-_2627156	2627156	2627167	-	6	12	ATG	TAA	0	0
mORF_-_2627177	2627177	2627467	-	6	291	TTG	TAA	0	0
mORF_-_2627224	2627224	2627229	-	5	6	ATG	TAA	0	0
mORF_-_2627263	2627263	2627301	-	5	39	TTG	TAA	0	0
mORF_-_2627298	2627298	2627324	-	4	27	TTG	TGA	0	0
mORF_-_2627317	2627317	2627382	-	5	66	ATG	TGA	0	0
mORF_-_2627409	2627409	2627540	-	4	132	GTG	TAA	0	0
mORF_-_2627443	2627443	2627451	-	5	9	TTG	TGA	0	0
mORF_-_2627461	2627461	2627472	-	5	12	GTG	TGA	0	0
mORF_-_2627486	2627486	2627497	-	6	12	TTG	TGA	0	0
mORF_-_2627500	2627500	2627577	-	5	78	TTG	TAA	0	0
mORF_-_2627574	2627574	2627597	-	4	24	ATG	TGA	0	0
mORF_-_2627724	2627724	2627807	-	4	84	TTG	TAA	0	0
mORF_-_2627729	2627729	2627746	-	6	18	TTG	TAG	0	0
mORF_-_2627737	2627737	2627751	-	5	15	ATG	TAA	0	0
mORF_-_2627783	2627783	2627866	-	6	84	GTG	TAA	0	0
mORF_-_2627824	2627824	2627862	-	5	39	ATG	TAA	0	0
mORF_-_2627863	2627863	2627886	-	5	24	TTG	TGA	0	0
mORF_-_2627883	2627883	2628071	-	4	189	GTG	TGA	0	0
mORF_-_2627924	2627924	2628091	-	6	168	TTG	TGA	0	0
mORF_-_2627962	2627962	2628021	-	5	60	GTG	TAA	0	0
mORF_-_2628191	2628191	2628277	-	6	87	GTG	TAG	0	0
mORF_-_2628271	2628271	2628306	-	5	36	TTG	TAA	0	0
mORF_-_2628299	2628299	2628313	-	6	15	TTG	TGA	0	0
mORF_-_2628329	2628329	2628373	-	6	45	ATG	TAG	0	0
mORF_-_2628397	2628397	2628537	-	5	141	TTG	TAG	0	0
mORF_-_2628408	2628408	2628644	-	4	237	TTG	TGA	0	0
mORF_-_2628419	2628419	2628559	-	6	141	TTG	TGA	0	0
mORF_-_2628553	2628553	2628582	-	5	30	TTG	TAG	0	0
mORF_-_2628596	2628596	2628631	-	6	36	TTG	TGA	0	0
mORF_-_2628669	2628669	2628785	-	4	117	TTG	TAA	0	0
mORF_-_2628743	2628743	2628865	-	6	123	TTG	TGA	0	0
mORF_-_2628880	2628880	2628906	-	5	27	TTG	TAA	0	0
mORF_-_2628884	2628884	2628961	-	6	78	ATG	TAA	0	0
mORF_-_2628909	2628909	2628965	-	4	57	ATG	TAG	0	0
mORF_-_2628958	2628958	2629023	-	5	66	ATG	TGA	0	0

mORF_-_2628975	2628975	2628989	-	4	15	GTG	TGA	0	0	
mORF_-_2628980	2628980	2630557	-	6	1578	ATG	TGA	121	883	pORF_-_2628980
mORF_-_2629045	2629045	2629053	-	5	9	ATG	TGA	0	0	
mORF_-_2629114	2629114	2629173	-	5	60	ATG	TGA	0	0	
mORF_-_2629180	2629180	2629296	-	5	117	GTG	TAA	0	0	
mORF_-_2629309	2629309	2629398	-	5	90	TTG	TGA	0	0	
mORF_-_2629429	2629429	2629440	-	5	12	TTG	TGA	0	0	
mORF_-_2629539	2629539	2629568	-	4	30	GTG	TGA	0	0	
mORF_-_2629585	2629585	2629728	-	5	144	TTG	TGA	0	0	
mORF_-_2629707	2629707	2629790	-	4	84	TTG	TAA	0	0	
mORF_-_2629831	2629831	2629851	-	5	21	GTG	TAA	0	0	
mORF_-_2629872	2629872	2629937	-	4	66	GTG	TAA	0	0	
mORF_-_2629903	2629903	2629968	-	5	66	TTG	TAG	0	0	
mORF_-_2629944	2629944	2629949	-	4	6	GTG	TGA	0	0	
mORF_-_2630005	2630005	2630064	-	5	60	TTG	TGA	0	0	
mORF_-_2630134	2630134	2630145	-	5	12	ATG	TGA	0	0	
mORF_-_2630170	2630170	2630178	-	5	9	ATG	TGA	0	0	
mORF_-_2630209	2630209	2630418	-	5	210	GTG	TAA	0	0	
mORF_-_2630256	2630256	2630303	-	4	48	TTG	TGA	0	0	
mORF_-_2630415	2630415	2630450	-	4	36	GTG	TGA	0	0	
mORF_-_2630434	2630434	2630490	-	5	57	TTG	TGA	0	0	
mORF_-_2630554	2630554	2630607	-	5	54	ATG	TGA	0	0	
mORF_-_2630626	2630626	2632161	-	5	1536	ATG	TGA	147	6276	pORF_-_2630626
mORF_-_2630667	2630667	2630753	-	4	87	GTG	TGA	0	0	
mORF_-_2630829	2630829	2630978	-	4	150	GTG	TAG	1	9	pORF_-_2630829
mORF_-_2631018	2631018	2631080	-	4	63	ATG	TGA	0	0	
mORF_-_2631117	2631117	2631152	-	4	36	GTG	TAG	0	0	
mORF_-_2631162	2631162	2631326	-	4	165	GTG	TGA	0	0	
mORF_-_2631206	2631206	2631220	-	6	15	TTG	TAA	0	0	
mORF_-_2631354	2631354	2631437	-	4	84	GTG	TGA	0	0	
mORF_-_2631516	2631516	2631605	-	4	90	GTG	TGA	0	0	
mORF_-_2631657	2631657	2631740	-	4	84	TTG	TGA	0	0	
mORF_-_2631810	2631810	2631818	-	4	9	GTG	TGA	0	0	
mORF_-_2631834	2631834	2631917	-	4	84	TTG	TGA	0	0	
mORF_-_2631990	2631990	2632061	-	4	72	TTG	TGA	0	0	
mORF_-_2632076	2632076	2632177	-	6	102	TTG	TAA	0	0	
mORF_-_2632162	2632162	2632278	-	5	117	TTG	TAG	0	0	
mORF_-_2632233	2632233	2632253	-	4	21	GTG	TAA	0	0	
mORF_-_2632250	2632250	2632255	-	6	6	ATG	TGA	0	0	
mORF_-_2632257	2632257	2632490	-	4	234	TTG	TAA	0	0	
mORF_-_2632301	2632301	2632372	-	6	72	GTG	TGA	0	0	
mORF_-_2632388	2632388	2632507	-	6	120	TTG	TGA	0	0	
mORF_-_2632399	2632399	2632404	-	5	6	GTG	TAA	0	0	
mORF_-_2632405	2632405	2632476	-	5	72	GTG	TGA	0	0	
mORF_-_2632494	2632494	2632673	-	4	180	ATG	TAA	0	0	
mORF_-_2632535	2632535	2632606	-	6	72	TTG	TAG	0	0	
mORF_-_2632603	2632603	2632656	-	5	54	GTG	TGA	0	0	
mORF_-_2632637	2632637	2632765	-	6	129	ATG	TGA	0	0	
mORF_-_2632687	2632687	2632695	-	5	9	TTG	TGA	0	0	
mORF_-_2632710	2632710	2632727	-	4	18	ATG	TAG	0	0	
mORF_-_2632731	2632731	2632805	-	4	75	TTG	TAA	1	2	pORF_-_2632731
mORF_-_2632781	2632781	2632819	-	6	39	ATG	TGA	0	0	
mORF_-_2632832	2632832	2632984	-	6	153	ATG	TGA	0	0	
mORF_-_2632890	2632890	2633057	-	4	168	TTG	TAA	0	0	
mORF_-_2632951	2632951	2633133	-	5	183	GTG	TGA	0	0	
mORF_-_2633061	2633061	2633156	-	4	96	GTG	TAA	0	0	
mORF_-_2633114	2633114	2633131	-	6	18	GTG	TAA	0	0	
mORF_-_2633140	2633140	2633193	-	5	54	GTG	TAA	0	0	
mORF_-_2633153	2633153	2633206	-	6	54	ATG	TGA	0	0	
mORF_-_2633160	2633160	2633270	-	4	111	TTG	TAA	0	0	
mORF_-_2633254	2633254	2633385	-	5	132	GTG	TAA	0	0	
mORF_-_2633283	2633283	2633351	-	4	69	TTG	TAA	0	0	
mORF_-_2633324	2633324	2633344	-	6	21	ATG	TGA	0	0	

mORF_-_2633345	2633345	2633587	-	6	243	ATG	TGA	0	0	
mORF_-_2633364	2633364	2633429	-	4	66	GTG	TAA	0	0	
mORF_-_2633389	2633389	2633454	-	5	66	TTG	TAA	0	0	
mORF_-_2633451	2633451	2633519	-	4	69	TTG	TGA	0	0	
mORF_-_2633521	2633521	2633640	-	5	120	TTG	TAA	0	0	
mORF_-_2633538	2633538	2633621	-	4	84	ATG	TAG	0	0	
mORF_-_2633621	2633621	2633872	-	6	252	ATG	TAA	1	2	pORF_-_2633621
mORF_-_2633637	2633637	2633738	-	4	102	TTG	TGA	0	0	
mORF_-_2633656	2633656	2633664	-	5	9	ATG	TGA	0	0	
mORF_-_2633686	2633686	2633697	-	5	12	GTG	TAG	0	0	
mORF_-_2633746	2633746	2633808	-	5	63	ATG	TGA	0	0	
mORF_-_2633751	2633751	2633777	-	4	27	TTG	TGA	0	0	
mORF_-_2633799	2633799	2633825	-	4	27	TTG	TGA	0	0	
mORF_-_2633863	2633863	2633868	-	5	6	ATG	TAG	0	0	
mORF_-_2633906	2633906	2635417	-	6	1512	GTG	TAA	57	410	pORF_-_2633906
mORF_-_2633965	2633965	2633988	-	5	24	ATG	TGA	0	0	
mORF_-_2634115	2634115	2634153	-	5	39	ATG	TGA	0	0	
mORF_-_2634163	2634163	2634204	-	5	42	TTG	TGA	0	0	
mORF_-_2634226	2634226	2634339	-	5	114	TTG	TGA	0	0	
mORF_-_2634291	2634291	2634413	-	4	123	GTG	TAA	0	0	
mORF_-_2634400	2634400	2634408	-	5	9	ATG	TGA	0	0	
mORF_-_2634418	2634418	2634504	-	5	87	TTG	TGA	0	0	
mORF_-_2634514	2634514	2634534	-	5	21	TTG	TGA	0	0	
mORF_-_2634568	2634568	2634711	-	5	144	TTG	TAG	0	0	
mORF_-_2634739	2634739	2634909	-	5	171	ATG	TAG	0	0	
mORF_-_2634849	2634849	2634896	-	4	48	GTG	TGA	0	0	
mORF_-_2634922	2634922	2634966	-	5	45	GTG	TAA	0	0	
mORF_-_2634967	2634967	2635083	-	5	117	ATG	TAG	0	0	
mORF_-_2635093	2635093	2635143	-	5	51	TTG	TGA	0	0	
mORF_-_2635177	2635177	2635266	-	5	90	GTG	TAG	0	0	
mORF_-_2635270	2635270	2635299	-	5	30	ATG	TGA	0	0	
mORF_-_2635339	2635339	2635359	-	5	21	TTG	TAG	0	0	
mORF_-_2635381	2635381	2635392	-	5	12	ATG	TAA	0	0	
mORF_-_2635395	2635395	2635412	-	4	18	TTG	TAA	0	0	
mORF_-_2635436	2635436	2635477	-	6	42	TTG	TAA	0	0	
mORF_-_2635496	2635496	2636674	-	6	1179	ATG	TAA	45	249	pORF_-_2635496
mORF_-_2635537	2635537	2635674	-	5	138	ATG	TGA	0	0	
mORF_-_2635674	2635674	2635727	-	4	54	GTG	TAA	0	0	
mORF_-_2635693	2635693	2635746	-	5	54	TTG	TGA	0	0	
mORF_-_2635759	2635759	2635815	-	5	57	ATG	TGA	0	0	
mORF_-_2635812	2635812	2635841	-	4	30	GTG	TGA	0	0	
mORF_-_2635816	2635816	2635866	-	5	51	TTG	TGA	0	0	
mORF_-_2635873	2635873	2635938	-	5	66	ATG	TGA	0	0	
mORF_-_2635942	2635942	2635953	-	5	12	TTG	TGA	0	0	
mORF_-_2635950	2635950	2635994	-	4	45	TTG	TGA	0	0	
mORF_-_2636014	2636014	2636091	-	5	78	GTG	TGA	0	0	
mORF_-_2636118	2636118	2636129	-	4	12	ATG	TAA	0	0	
mORF_-_2636185	2636185	2636262	-	5	78	ATG	TAA	0	0	
mORF_-_2636238	2636238	2636249	-	4	12	ATG	TAA	0	0	
mORF_-_2636272	2636272	2636319	-	5	48	GTG	TGA	0	0	
mORF_-_2636329	2636329	2636421	-	5	93	ATG	TGA	0	0	
mORF_-_2636434	2636434	2636562	-	5	129	TTG	TAG	0	0	
mORF_-_2636514	2636514	2636534	-	4	21	GTG	TAG	0	0	
mORF_-_2636584	2636584	2636592	-	5	9	ATG	TAA	0	0	
mORF_-_2636685	2636685	2637305	-	4	621	GTG	TGA	18	106	pORF_-_2636685
mORF_-_2636701	2636701	2636766	-	5	66	ATG	TAA	0	0	
mORF_-_2636726	2636726	2636743	-	6	18	ATG	TGA	0	0	
mORF_-_2636750	2636750	2636791	-	6	42	GTG	TGA	0	0	
mORF_-_2636798	2636798	2636863	-	6	66	TTG	TGA	0	0	
mORF_-_2636809	2636809	2636841	-	5	33	GTG	TGA	0	0	
mORF_-_2636870	2636870	2636914	-	6	45	TTG	TGA	0	0	
mORF_-_2636927	2636927	2636947	-	6	21	ATG	TGA	0	0	
mORF_-_2636993	2636993	2637073	-	6	81	TTG	TAG	0	0	

mORF_-_2637113	2637113	2637196	-	6	84	TTG	TGA	0	0	
mORF_-_2637197	2637197	2637208	-	6	12	TTG	TGA	0	0	
mORF_-_2637218	2637218	2637253	-	6	36	TTG	TGA	0	0	
mORF_-_2637323	2637323	2638597	-	6	1275	GTG	TAA	69	323	pORF_-_2637323
mORF_-_2637352	2637352	2637384	-	5	33	GTG	TAG	0	0	
mORF_-_2637403	2637403	2637480	-	5	78	TTG	TAG	0	0	
mORF_-_2637432	2637432	2637464	-	4	33	ATG	TGA	0	0	
mORF_-_2637523	2637523	2637543	-	5	21	GTG	TGA	0	0	
mORF_-_2637556	2637556	2637615	-	5	60	TTG	TAG	0	0	
mORF_-_2637652	2637652	2637750	-	5	99	GTG	TAG	0	0	
mORF_-_2637732	2637732	2637752	-	4	21	GTG	TGA	0	0	
mORF_-_2637777	2637777	2637878	-	4	102	GTG	TAA	0	0	
mORF_-_2637781	2637781	2637822	-	5	42	GTG	TGA	0	0	
mORF_-_2637838	2637838	2637921	-	5	84	GTG	TAA	0	0	
mORF_-_2637922	2637922	2638062	-	5	141	ATG	TAG	0	0	
mORF_-_2638102	2638102	2638110	-	5	9	TTG	TGA	0	0	
mORF_-_2638107	2638107	2638145	-	4	39	GTG	TGA	0	0	
mORF_-_2638165	2638165	2638335	-	5	171	GTG	TGA	0	0	
mORF_-_2638170	2638170	2638283	-	4	114	GTG	TGA	0	0	
mORF_-_2638363	2638363	2638437	-	5	75	GTG	TGA	0	0	
mORF_-_2638459	2638459	2638482	-	5	24	GTG	TAG	0	0	
mORF_-_2638510	2638510	2638524	-	5	15	TTG	TGA	0	0	
mORF_-_2638521	2638521	2638661	-	4	141	ATG	TGA	0	0	
mORF_-_2638600	2638600	2638671	-	5	72	TTG	TAA	0	0	
mORF_-_2638643	2638643	2638675	-	6	33	ATG	TGA	0	0	
mORF_-_2638668	2638668	2638769	-	4	102	GTG	TGA	0	0	
mORF_-_2638708	2638708	2639826	-	5	1119	ATG	TAA	59	499	pORF_-_2638708
mORF_-_2638794	2638794	2638904	-	4	111	ATG	TGA	0	0	
mORF_-_2638905	2638905	2638994	-	4	90	TTG	TGA	0	0	
mORF_-_2639154	2639154	2639162	-	4	9	TTG	TAG	0	0	
mORF_-_2639172	2639172	2639261	-	4	90	TTG	TAA	0	0	
mORF_-_2639313	2639313	2639486	-	4	174	ATG	TGA	0	0	
mORF_-_2639504	2639504	2639518	-	6	15	TTG	TAA	0	0	
mORF_-_2639541	2639541	2639666	-	4	126	TTG	TGA	0	0	
mORF_-_2639727	2639727	2639777	-	4	51	TTG	TGA	0	0	
mORF_-_2639819	2639819	2639878	-	6	60	ATG	TAA	0	0	
mORF_-_2639853	2639853	2640866	-	4	1014	ATG	TAA	36	188	pORF_-_2639853
mORF_-_2639885	2639885	2639896	-	6	12	TTG	TGA	0	0	
mORF_-_2639921	2639921	2639974	-	6	54	TTG	TGA	0	0	
mORF_-_2640008	2640008	2640061	-	6	54	ATG	TGA	0	0	
mORF_-_2640061	2640061	2640081	-	5	21	TTG	TGA	0	0	
mORF_-_2640098	2640098	2640109	-	6	12	ATG	TGA	0	0	
mORF_-_2640131	2640131	2640259	-	6	129	TTG	TGA	0	0	
mORF_-_2640368	2640368	2640379	-	6	12	GTG	TAA	0	0	
mORF_-_2640397	2640397	2640516	-	5	120	TTG	TAA	0	0	
mORF_-_2640404	2640404	2640481	-	6	78	GTG	TGA	0	0	
mORF_-_2640485	2640485	2640502	-	6	18	TTG	TGA	0	0	
mORF_-_2640527	2640527	2640727	-	6	201	TTG	TGA	0	0	
mORF_-_2640724	2640724	2640756	-	5	33	TTG	TGA	0	0	
mORF_-_2640749	2640749	2640769	-	6	21	TTG	TGA	0	0	
mORF_-_2640788	2640788	2640838	-	6	51	ATG	TAG	0	0	
mORF_-_2640856	2640856	2640927	-	5	72	GTG	TGA	0	0	
mORF_-_2640863	2640863	2640937	-	6	75	ATG	TGA	0	0	
mORF_-_2640918	2640918	2641004	-	4	87	GTG	TGA	0	0	
mORF_-_2640956	2640956	2641000	-	6	45	ATG	TGA	0	0	
mORF_-_2641015	2641015	2641104	-	5	90	ATG	TAA	0	0	
mORF_-_2641029	2641029	2641034	-	4	6	ATG	TAA	0	0	
mORF_-_2641047	2641047	2641061	-	4	15	GTG	TGA	0	0	
mORF_-_2641064	2641064	2641087	-	6	24	TTG	TAA	0	0	
mORF_-_2641089	2641089	2641100	-	4	12	ATG	TAA	0	0	
mORF_-_2641097	2641097	2641126	-	6	30	ATG	TGA	0	0	
mORF_-_2641111	2641111	2641281	-	5	171	TTG	TAA	0	0	
mORF_-_2641151	2641151	2642305	-	6	1155	ATG	TGA	14	76	pORF_-_2641151

mORF_-_2641272	2641272	2641376	-	4	105	GTG	TAA	0	0	
mORF_-_2641303	2641303	2641359	-	5	57	GTG	TGA	0	0	
mORF_-_2641392	2641392	2641397	-	4	6	GTG	TAA	0	0	
mORF_-_2641408	2641408	2641461	-	5	54	TTG	TGA	0	0	
mORF_-_2641465	2641465	2641623	-	5	159	TTG	TGA	0	0	
mORF_-_2641660	2641660	2641719	-	5	60	TTG	TAG	0	0	
mORF_-_2641786	2641786	2642058	-	5	273	TTG	TAG	0	0	
mORF_-_2641791	2641791	2641850	-	4	60	GTG	TAA	0	0	
mORF_-_2641917	2641917	2642024	-	4	108	ATG	TAA	0	0	
mORF_-_2642125	2642125	2642136	-	5	12	TTG	TGA	0	0	
mORF_-_2642133	2642133	2642165	-	4	33	GTG	TGA	0	0	
mORF_-_2642170	2642170	2642199	-	5	30	GTG	TGA	0	0	
mORF_-_2642200	2642200	2642262	-	5	63	ATG	TAG	0	0	
mORF_-_2642298	2642298	2642489	-	4	192	TTG	TGA	0	0	
mORF_-_2642326	2642326	2642436	-	5	111	GTG	TAA	0	0	
mORF_-_2642333	2642333	2642443	-	6	111	ATG	TAA	0	0	
mORF_-_2642444	2642444	2642473	-	6	30	GTG	TAA	0	0	
mORF_-_2642455	2642455	2642886	-	5	432	ATG	TAA	51	2717	pORF_-_2642455
mORF_-_2642553	2642553	2642651	-	4	99	GTG	TGA	0	0	
mORF_-_2642685	2642685	2642756	-	4	72	TTG	TGA	0	0	
mORF_-_2642760	2642760	2642828	-	4	69	TTG	TGA	0	0	
mORF_-_2642841	2642841	2642879	-	4	39	TTG	TAG	0	0	
mORF_-_2642876	2642876	2642956	-	6	81	TTG	TGA	0	0	
mORF_-_2642889	2642889	2642987	-	4	99	ATG	TAA	0	0	
mORF_-_2642969	2642969	2643028	-	6	60	TTG	TAG	0	0	
mORF_-_2642992	2642992	2643018	-	5	27	TTG	TAA	0	0	
mORF_-_2643019	2643019	2643048	-	5	30	TTG	TGA	0	0	
mORF_-_2643035	2643035	2645347	-	6	2313	ATG	TAG	0	0	
mORF_-_2643052	2643052	2643078	-	5	27	ATG	TGA	0	0	
mORF_-_2643082	2643082	2643102	-	5	21	GTG	TGA	0	0	
mORF_-_2643141	2643141	2643170	-	4	30	GTG	TGA	0	0	
mORF_-_2643145	2643145	2643159	-	5	15	ATG	TAA	0	0	
mORF_-_2643160	2643160	2643252	-	5	93	ATG	TGA	0	0	
mORF_-_2643237	2643237	2643416	-	4	180	TTG	TAA	0	0	
mORF_-_2643265	2643265	2643387	-	5	123	ATG	TGA	0	0	
mORF_-_2643391	2643391	2643645	-	5	255	GTG	TGA	1	4	pORF_-_2643391
mORF_-_2643676	2643676	2643873	-	5	198	ATG	TGA	0	0	
mORF_-_2643789	2643789	2643821	-	4	33	ATG	TGA	0	0	
mORF_-_2643873	2643873	2643899	-	4	27	GTG	TGA	0	0	
mORF_-_2643916	2643916	2644125	-	5	210	ATG	TAA	0	0	
mORF_-_2644180	2644180	2644233	-	5	54	GTG	TGA	0	0	
mORF_-_2644276	2644276	2644431	-	5	156	TTG	TGA	0	0	
mORF_-_2644438	2644438	2644518	-	5	81	ATG	TGA	0	0	
mORF_-_2644636	2644636	2644707	-	5	72	GTG	TAA	0	0	
mORF_-_2644644	2644644	2644655	-	4	12	GTG	TGA	0	0	
mORF_-_2644689	2644689	2644817	-	4	129	TTG	TAA	0	0	
mORF_-_2644783	2644783	2644851	-	5	69	TTG	TAA	0	0	
mORF_-_2644876	2644876	2645004	-	5	129	GTG	TGA	0	0	
mORF_-_2644890	2644890	2644904	-	4	15	ATG	TAA	0	0	
mORF_-_2644965	2644965	2645039	-	4	75	ATG	TGA	0	0	
mORF_-_2645065	2645065	2645100	-	5	36	ATG	TGA	0	0	
mORF_-_2645107	2645107	2645136	-	5	30	ATG	TGA	0	0	
mORF_-_2645146	2645146	2645280	-	5	135	TTG	TAA	0	0	
mORF_-_2645259	2645259	2645273	-	4	15	GTG	TAA	0	0	
mORF_-_2645332	2645332	2645361	-	5	30	TTG	TAA	0	0	
mORF_-_2645348	2645348	2650309	-	6	4962	ATG	TAA	28	76	pORF_-_2645348
mORF_-_2645362	2645362	2645406	-	5	45	ATG	TGA	0	0	
mORF_-_2645373	2645373	2645396	-	4	24	ATG	TGA	0	0	
mORF_-_2645479	2645479	2645538	-	5	60	TTG	TAA	0	0	
mORF_-_2645569	2645569	2645595	-	5	27	GTG	TGA	0	0	
mORF_-_2645671	2645671	2645679	-	5	9	ATG	TAG	0	0	
mORF_-_2645691	2645691	2645714	-	4	24	GTG	TAA	0	0	
mORF_-_2645701	2645701	2645874	-	5	174	GTG	TAA	0	0	

mORF_-_2645766	2645766	2645858	-	4	93	ATG	TGA	0	0
mORF_-_2645881	2645881	2645898	-	5	18	TTG	TGA	0	0
mORF_-_2645941	2645941	2646057	-	5	117	TTG	TGA	0	0
mORF_-_2645949	2645949	2645978	-	4	30	ATG	TGA	0	0
mORF_-_2646079	2646079	2646099	-	5	21	ATG	TGA	0	0
mORF_-_2646136	2646136	2646192	-	5	57	GTG	TAA	0	0
mORF_-_2646168	2646168	2646179	-	4	12	ATG	TGA	0	0
mORF_-_2646208	2646208	2646249	-	5	42	GTG	TGA	0	0
mORF_-_2646259	2646259	2646336	-	5	78	GTG	TGA	0	0
mORF_-_2646433	2646433	2646471	-	5	39	ATG	TGA	0	0
mORF_-_2646550	2646550	2646747	-	5	198	TTG	TGA	0	0
mORF_-_2646576	2646576	2646584	-	4	9	GTG	TAA	0	0
mORF_-_2646744	2646744	2646881	-	4	138	ATG	TGA	0	0
mORF_-_2646814	2646814	2646984	-	5	171	GTG	TGA	0	0
mORF_-_2646912	2646912	2646956	-	4	45	GTG	TAA	0	0
mORF_-_2646994	2646994	2647077	-	5	84	GTG	TAG	0	0
mORF_-_2647084	2647084	2647131	-	5	48	GTG	TAG	0	0
mORF_-_2647138	2647138	2647146	-	5	9	TTG	TGA	0	0
mORF_-_2647192	2647192	2647212	-	5	21	GTG	TGA	0	0
mORF_-_2647234	2647234	2647245	-	5	12	TTG	TGA	0	0
mORF_-_2647246	2647246	2647260	-	5	15	TTG	TGA	0	0
mORF_-_2647264	2647264	2647344	-	5	81	TTG	TGA	0	0
mORF_-_2647384	2647384	2647443	-	5	60	GTG	TAA	0	0
mORF_-_2647447	2647447	2647554	-	5	108	TTG	TGA	0	0
mORF_-_2647500	2647500	2647568	-	4	69	GTG	TGA	0	0
mORF_-_2647597	2647597	2647632	-	5	36	ATG	TGA	0	0
mORF_-_2647633	2647633	2647656	-	5	24	ATG	TGA	0	0
mORF_-_2647684	2647684	2647776	-	5	93	TTG	TAA	0	0
mORF_-_2647834	2647834	2647848	-	5	15	ATG	TAA	0	0
mORF_-_2647879	2647879	2647953	-	5	75	ATG	TGA	0	0
mORF_-_2647905	2647905	2647922	-	4	18	GTG	TGA	0	0
mORF_-_2648029	2648029	2648124	-	5	96	ATG	TGA	0	0
mORF_-_2648121	2648121	2648159	-	4	39	GTG	TGA	0	0
mORF_-_2648197	2648197	2648217	-	5	21	ATG	TGA	0	0
mORF_-_2648224	2648224	2648262	-	5	39	ATG	TGA	0	0
mORF_-_2648335	2648335	2648394	-	5	60	TTG	TGA	0	0
mORF_-_2648404	2648404	2648475	-	5	72	ATG	TGA	0	0
mORF_-_2648509	2648509	2648619	-	5	111	ATG	TGA	0	0
mORF_-_2648538	2648538	2648582	-	4	45	GTG	TAG	0	0
mORF_-_2648626	2648626	2648640	-	5	15	ATG	TGA	0	0
mORF_-_2648668	2648668	2648769	-	5	102	ATG	TAG	0	0
mORF_-_2648797	2648797	2648805	-	5	9	ATG	TGA	0	0
mORF_-_2648815	2648815	2648832	-	5	18	GTG	TAA	0	0
mORF_-_2648829	2648829	2648888	-	4	60	GTG	TGA	0	0
mORF_-_2648842	2648842	2649021	-	5	180	ATG	TGA	0	0
mORF_-_2648913	2648913	2648930	-	4	18	GTG	TAA	0	0
mORF_-_2649037	2649037	2649093	-	5	57	ATG	TAG	0	0
mORF_-_2649100	2649100	2649177	-	5	78	TTG	TAA	0	0
mORF_-_2649211	2649211	2649303	-	5	93	GTG	TAA	0	0
mORF_-_2649316	2649316	2649336	-	5	21	ATG	TGA	0	0
mORF_-_2649337	2649337	2649441	-	5	105	GTG	TAA	0	0
mORF_-_2649496	2649496	2649729	-	5	234	ATG	TGA	0	0
mORF_-_2649588	2649588	2649671	-	4	84	ATG	TGA	0	0
mORF_-_2649748	2649748	2649801	-	5	54	TTG	TAA	0	0
mORF_-_2649832	2649832	2649894	-	5	63	TTG	TAA	0	0
mORF_-_2649904	2649904	2650005	-	5	102	ATG	TGA	0	0
mORF_-_2650054	2650054	2650080	-	5	27	TTG	TGA	0	0
mORF_-_2650108	2650108	2650218	-	5	111	ATG	TGA	0	0
mORF_-_2650242	2650242	2650325	-	4	84	GTG	TAA	0	0
mORF_-_2650306	2650306	2650341	-	5	36	TTG	TGA	0	0
mORF_-_2650313	2650313	2650327	-	6	15	TTG	TGA	0	0
mORF_-_2650355	2650355	2650468	-	6	114	GTG	TAA	0	0
mORF_-_2650369	2650369	2650398	-	5	30	ATG	TAA	0	0

mORF_-_2650428	2650428	2650523	-	4	96	GTG	TGA	0	0	
mORF_-_2650468	2650468	2650482	-	5	15	TTG	TAG	0	0	
mORF_-_2650484	2650484	2650501	-	6	18	TTG	TAA	0	0	
mORF_-_2650489	2650489	2650716	-	5	228	GTG	TAG	0	0	
mORF_-_2650514	2650514	2650528	-	6	15	ATG	TAG	0	0	
mORF_-_2650578	2650578	2650598	-	4	21	ATG	TGA	0	0	
mORF_-_2650695	2650695	2650718	-	4	24	ATG	TGA	0	0	
mORF_-_2650759	2650759	2650782	-	5	24	GTG	TAA	0	0	
mORF_-_2650766	2650766	2650828	-	6	63	ATG	TAA	0	0	
mORF_-_2650791	2650791	2650844	-	4	54	GTG	TAG	0	0	
mORF_-_2650961	2650961	2651005	-	6	45	TTG	TAA	0	0	
mORF_-_2650996	2650996	2651025	-	5	30	TTG	TAA	0	0	
mORF_-_2651027	2651027	2651050	-	6	24	GTG	TAA	0	0	
mORF_-_2651054	2651054	2651113	-	6	60	GTG	TAA	0	0	
mORF_-_2651086	2651086	2651100	-	5	15	ATG	TAA	0	0	
mORF_-_2651198	2651198	2651215	-	6	18	TTG	TGA	0	0	
mORF_-_2651202	2651202	2651210	-	4	9	TTG	TAG	0	0	
mORF_-_2651222	2651222	2651311	-	6	90	ATG	TGA	0	0	
mORF_-_2651338	2651338	2651376	-	5	39	TTG	TAA	0	0	
mORF_-_2651367	2651367	2651516	-	4	150	TTG	TAA	0	0	
mORF_-_2651449	2651449	2651484	-	5	36	TTG	TAA	0	0	
mORF_-_2651471	2651471	2651512	-	6	42	TTG	TGA	0	0	
mORF_-_2651527	2651527	2651715	-	5	189	TTG	TAA	0	0	
mORF_-_2651538	2651538	2651555	-	4	18	GTG	TAA	0	0	
mORF_-_2651666	2651666	2651677	-	6	12	ATG	TAA	0	0	
mORF_-_2651670	2651670	2651687	-	4	18	GTG	TAA	0	0	
mORF_-_2651684	2651684	2651806	-	6	123	TTG	TGA	0	0	
mORF_-_2651718	2651718	2651834	-	4	117	TTG	TGA	0	0	
mORF_-_2651794	2651794	2651838	-	5	45	TTG	TGA	0	0	
mORF_-_2651849	2651849	2651875	-	6	27	GTG	TAA	0	0	
mORF_-_2651868	2651868	2651900	-	4	33	TTG	TAA	0	0	
mORF_-_2651914	2651914	2652129	-	5	216	TTG	TAA	0	0	
mORF_-_2651964	2651964	2652023	-	4	60	TTG	TAG	0	0	
mORF_-_2652113	2652113	2652175	-	6	63	ATG	TAA	0	0	
mORF_-_2652133	2652133	2652144	-	5	12	TTG	TGA	0	0	
mORF_-_2652179	2652179	2652964	-	6	786	GTG	TAA	4	19	pORF_-_2652179
mORF_-_2652184	2652184	2652246	-	5	63	TTG	TAA	0	0	
mORF_-_2652267	2652267	2652299	-	4	33	TTG	TAG	0	0	
mORF_-_2652289	2652289	2652315	-	5	27	ATG	TGA	0	0	
mORF_-_2652337	2652337	2652447	-	5	111	GTG	TAG	0	0	
mORF_-_2652426	2652426	2652437	-	4	12	TTG	TAA	0	0	
mORF_-_2652451	2652451	2652492	-	5	42	TTG	TGA	0	0	
mORF_-_2652529	2652529	2652540	-	5	12	GTG	TGA	0	0	
mORF_-_2652565	2652565	2652588	-	5	24	TTG	TGA	0	0	
mORF_-_2652589	2652589	2652663	-	5	75	TTG	TGA	0	0	
mORF_-_2652667	2652667	2652675	-	5	9	TTG	TGA	0	0	
mORF_-_2652694	2652694	2652720	-	5	27	TTG	TAA	0	0	
mORF_-_2652739	2652739	2653083	-	5	345	ATG	TAG	0	0	
mORF_-_2652930	2652930	2652971	-	4	42	ATG	TGA	0	0	
mORF_-_2652968	2652968	2653033	-	6	66	TTG	TGA	0	0	
mORF_-_2652972	2652972	2652989	-	4	18	TTG	TGA	0	0	
mORF_-_2653017	2653017	2653022	-	4	6	TTG	TAG	0	0	
mORF_-_2653073	2653073	2653090	-	6	18	ATG	TAA	0	0	
mORF_-_2653097	2653097	2654467	-	6	1371	TTG	TAA	72	653	pORF_-_2653097
mORF_-_2653113	2653113	2653157	-	4	45	GTG	TAA	0	0	
mORF_-_2653117	2653117	2653230	-	5	114	TTG	TAG	0	0	
mORF_-_2653294	2653294	2653482	-	5	189	TTG	TGA	0	0	
mORF_-_2653486	2653486	2653515	-	5	30	TTG	TGA	0	0	
mORF_-_2653516	2653516	2653551	-	5	36	ATG	TGA	0	0	
mORF_-_2653561	2653561	2653617	-	5	57	ATG	TGA	0	0	
mORF_-_2653627	2653627	2653641	-	5	15	GTG	TGA	0	0	
mORF_-_2653669	2653669	2653689	-	5	21	TTG	TGA	0	0	
mORF_-_2653735	2653735	2653785	-	5	51	TTG	TGA	0	0	

mORF_-_2653797	2653797	2653811	-	4	15	GTG	TAA	0	0	
mORF_-_2653801	2653801	2653923	-	5	123	GTG	TAG	0	0	
mORF_-_2653954	2653954	2653959	-	5	6	GTG	TGA	0	0	
mORF_-_2653981	2653981	2654049	-	5	69	GTG	TGA	0	0	
mORF_-_2654068	2654068	2654193	-	5	126	GTG	TGA	0	0	
mORF_-_2654076	2654076	2654117	-	4	42	GTG	TAA	0	0	
mORF_-_2654197	2654197	2654244	-	5	48	GTG	TAA	0	0	
mORF_-_2654275	2654275	2654298	-	5	24	ATG	TGA	0	0	
mORF_-_2654382	2654382	2654489	-	4	108	ATG	TAA	0	0	
mORF_-_2654437	2654437	2654547	-	5	111	ATG	TAG	0	0	
mORF_-_2654496	2654496	2654657	-	4	162	GTG	TAG	0	0	
mORF_-_2654558	2654558	2654758	-	4	201	ATG	TAA	5	12	pORF_-_2654558
mORF_-_2654581	2654581	2654727	-	5	147	TTG	TAG	0	0	
mORF_-_2654736	2654736	2654747	-	4	12	GTG	TAG	0	0	
mORF_-_2654760	2654760	2654786	-	4	27	ATG	TAG	0	0	
mORF_-_2654770	2654770	2655105	-	5	336	ATG	TAA	20	167	pORF_-_2654770
mORF_-_2654850	2654850	2655095	-	4	246	TTG	TAA	0	0	
mORF_-_2654936	2654936	2654965	-	6	30	TTG	TGA	0	0	
mORF_-_2655107	2655107	2657011	-	6	1905	GTG	TAA	58	327	pORF_-_2655107
mORF_-_2655133	2655133	2655141	-	5	9	GTG	TGA	0	0	
mORF_-_2655193	2655193	2655249	-	5	57	GTG	TAG	0	0	
mORF_-_2655250	2655250	2655273	-	5	24	TTG	TGA	0	0	
mORF_-_2655295	2655295	2655345	-	5	51	GTG	TAA	0	0	
mORF_-_2655385	2655385	2655402	-	5	18	ATG	TAA	0	0	
mORF_-_2655445	2655445	2655483	-	5	39	TTG	TGA	0	0	
mORF_-_2655514	2655514	2655531	-	5	18	ATG	TGA	0	0	
mORF_-_2655544	2655544	2655639	-	5	96	GTG	TGA	0	0	
mORF_-_2655646	2655646	2655675	-	5	30	ATG	TAA	0	0	
mORF_-_2655784	2655784	2655855	-	5	72	TTG	TGA	0	0	
mORF_-_2655913	2655913	2655924	-	5	12	GTG	TAG	0	0	
mORF_-_2655958	2655958	2655978	-	5	21	ATG	TGA	0	0	
mORF_-_2655978	2655978	2656016	-	4	39	TTG	TGA	0	0	
mORF_-_2655985	2655985	2655990	-	5	6	GTG	TAG	0	0	
mORF_-_2656048	2656048	2656095	-	5	48	TTG	TGA	0	0	
mORF_-_2656105	2656105	2656119	-	5	15	ATG	TGA	0	0	
mORF_-_2656123	2656123	2656284	-	5	162	TTG	TGA	0	0	
mORF_-_2656297	2656297	2656341	-	5	45	ATG	TAA	0	0	
mORF_-_2656351	2656351	2656479	-	5	129	TTG	TGA	0	0	
mORF_-_2656501	2656501	2656509	-	5	9	ATG	TAG	0	0	
mORF_-_2656585	2656585	2656608	-	5	24	TTG	TGA	0	0	
mORF_-_2656693	2656693	2656818	-	5	126	ATG	TGA	0	0	
mORF_-_2656825	2656825	2656923	-	5	99	GTG	TAG	0	0	
mORF_-_2656924	2656924	2656938	-	5	15	GTG	TGA	0	0	
mORF_-_2656974	2656974	2657489	-	4	516	ATG	TAA	8	13	pORF_-_2656974
mORF_-_2657041	2657041	2657070	-	5	30	GTG	TAA	0	0	
mORF_-_2657081	2657081	2657092	-	6	12	TTG	TAG	0	0	
mORF_-_2657096	2657096	2657116	-	6	21	TTG	TGA	0	0	
mORF_-_2657126	2657126	2657161	-	6	36	ATG	TGA	0	0	
mORF_-_2657213	2657213	2657260	-	6	48	TTG	TGA	0	0	
mORF_-_2657429	2657429	2657548	-	6	120	GTG	TGA	0	0	
mORF_-_2657497	2657497	2657619	-	5	123	ATG	TGA	0	0	
mORF_-_2657529	2657529	2657615	-	4	87	GTG	TGA	0	0	
mORF_-_2657585	2657585	2657914	-	6	330	TTG	TGA	10	48	pORF_-_2657585
mORF_-_2657668	2657668	2657715	-	5	48	ATG	TAA	0	0	
mORF_-_2657728	2657728	2657790	-	5	63	ATG	TGA	0	0	
mORF_-_2657772	2657772	2657807	-	4	36	GTG	TGA	0	0	
mORF_-_2657818	2657818	2657838	-	5	21	TTG	TGA	0	0	
mORF_-_2657853	2657853	2657921	-	4	69	TTG	TAA	0	0	
mORF_-_2657869	2657869	2657886	-	5	18	GTG	TAA	0	0	
mORF_-_2657918	2657918	2657959	-	6	42	TTG	TGA	0	0	
mORF_-_2657925	2657925	2658311	-	4	387	ATG	TAA	24	340	pORF_-_2657925
mORF_-_2658005	2658005	2658034	-	6	30	TTG	TGA	0	0	
mORF_-_2658028	2658028	2658087	-	5	60	ATG	TGA	0	0	

mORF_-_2658080	2658080	2658166	-	6	87	ATG	TGA	0	0	
mORF_-_2658191	2658191	2658253	-	6	63	TTG	TGA	0	0	
mORF_-_2658265	2658265	2658396	-	5	132	GTG	TAA	0	0	
mORF_-_2658339	2658339	2659577	-	4	1239	GTG	TAA	102	2597	pORF_-_2658339
mORF_-_2658365	2658365	2658412	-	6	48	GTG	TGA	0	0	
mORF_-_2658614	2658614	2658682	-	6	69	GTG	TGA	0	0	
mORF_-_2658679	2658679	2658723	-	5	45	GTG	TGA	0	0	
mORF_-_2658686	2658686	2658931	-	6	246	ATG	TGA	0	0	
mORF_-_2658956	2658956	2658964	-	6	9	TTG	TGA	0	0	
mORF_-_2658977	2658977	2659042	-	6	66	GTG	TGA	0	0	
mORF_-_2659015	2659015	2659047	-	5	33	GTG	TGA	0	0	
mORF_-_2659094	2659094	2659144	-	6	51	TTG	TAA	0	0	
mORF_-_2659151	2659151	2659381	-	6	231	TTG	TGA	0	0	
mORF_-_2659400	2659400	2659456	-	6	57	TTG	TAG	0	0	
mORF_-_2659484	2659484	2659501	-	6	18	GTG	TGA	0	0	
mORF_-_2659558	2659558	2659581	-	5	24	TTG	TAG	0	0	
mORF_-_2659574	2659574	2659744	-	6	171	ATG	TGA	1	3	pORF_-_2659574
mORF_-_2659578	2659578	2659586	-	4	9	TTG	TGA	0	0	
mORF_-_2659621	2659621	2659638	-	5	18	GTG	TAA	0	0	
mORF_-_2659665	2659665	2660153	-	4	489	ATG	TAA	28	447	pORF_-_2659665
mORF_-_2659814	2659814	2659822	-	6	9	GTG	TGA	0	0	
mORF_-_2659819	2659819	2659845	-	5	27	ATG	TGA	0	0	
mORF_-_2659838	2659838	2659891	-	6	54	ATG	TGA	0	0	
mORF_-_2659870	2659870	2659881	-	5	12	TTG	TAA	0	0	
mORF_-_2659892	2659892	2659906	-	6	15	TTG	TAG	0	0	
mORF_-_2659916	2659916	2659945	-	6	30	ATG	TAA	0	0	
mORF_-_2659952	2659952	2660110	-	6	159	TTG	TAG	0	0	
mORF_-_2660120	2660120	2660128	-	6	9	ATG	TGA	0	0	
mORF_-_2660157	2660157	2660165	-	4	9	GTG	TAA	0	0	
mORF_-_2660162	2660162	2660257	-	6	96	TTG	TGA	0	0	
mORF_-_2660167	2660167	2660238	-	5	72	ATG	TGA	0	0	
mORF_-_2660262	2660262	2660303	-	4	42	ATG	TAA	0	0	
mORF_-_2660294	2660294	2660500	-	6	207	ATG	TGA	0	0	
mORF_-_2660308	2660308	2660409	-	5	102	ATG	TAA	0	0	
mORF_-_2660409	2660409	2660639	-	4	231	TTG	TGA	0	0	
mORF_-_2660500	2660500	2660598	-	5	99	TTG	TGA	0	0	
mORF_-_2660605	2660605	2661345	-	5	741	ATG	TAA	22	107	pORF_-_2660605
mORF_-_2660667	2660667	2660693	-	4	27	GTG	TGA	0	0	
mORF_-_2660721	2660721	2660891	-	4	171	TTG	TGA	0	0	
mORF_-_2660916	2660916	2660981	-	4	66	ATG	TGA	0	0	
mORF_-_2660936	2660936	2660965	-	6	30	ATG	TAA	0	0	
mORF_-_2660985	2660985	2661008	-	4	24	TTG	TGA	0	0	
mORF_-_2661038	2661038	2661085	-	6	48	ATG	TGA	0	0	
mORF_-_2661125	2661125	2661130	-	6	6	TTG	TAG	0	0	
mORF_-_2661135	2661135	2661176	-	4	42	TTG	TAG	0	0	
mORF_-_2661177	2661177	2661206	-	4	30	TTG	TGA	0	0	
mORF_-_2661236	2661236	2661358	-	6	123	ATG	TAA	0	0	
mORF_-_2661270	2661270	2661326	-	4	57	TTG	TGA	0	0	
mORF_-_2661359	2661359	2661469	-	6	111	ATG	TAG	0	0	
mORF_-_2661366	2661366	2661377	-	4	12	ATG	TAA	0	0	
mORF_-_2661382	2661382	2661525	-	5	144	TTG	TGA	0	0	
mORF_-_2661515	2661515	2662165	-	6	651	ATG	TAA	0	0	
mORF_-_2661529	2661529	2661624	-	5	96	GTG	TAG	0	0	
mORF_-_2661615	2661615	2661644	-	4	30	GTG	TAA	0	0	
mORF_-_2661637	2661637	2661660	-	5	24	GTG	TAA	0	0	
mORF_-_2661700	2661700	2661846	-	5	147	GTG	TGA	0	0	
mORF_-_2661708	2661708	2661719	-	4	12	GTG	TAA	0	0	
mORF_-_2661837	2661837	2661863	-	4	27	GTG	TGA	0	0	
mORF_-_2661874	2661874	2661960	-	5	87	GTG	TAG	0	0	
mORF_-_2661939	2661939	2661947	-	4	9	TTG	TGA	0	0	
mORF_-_2661964	2661964	2661993	-	5	30	TTG	TAG	0	0	
mORF_-_2662042	2662042	2662155	-	5	114	GTG	TAA	0	0	
mORF_-_2662168	2662168	2662233	-	5	66	ATG	TAG	0	0	

mORF_-_2662264	2662264	2662356	-	5	93	GTG	TAA	0	0
mORF_-_2662272	2662272	2662289	-	4	18	GTG	TGA	0	0
mORF_-_2662340	2662340	2662402	-	6	63	TTG	TAA	0	0
mORF_-_2662353	2662353	2662367	-	4	15	ATG	TGA	0	0
mORF_-_2662378	2662378	2662443	-	5	66	TTG	TAA	0	0
mORF_-_2662410	2662410	2662418	-	4	9	GTG	TAA	0	0
mORF_-_2662480	2662480	2662506	-	5	27	TTG	TAA	0	0
mORF_-_2662484	2662484	2662693	-	6	210	GTG	TAA	0	0
mORF_-_2662534	2662534	2662656	-	5	123	ATG	TAA	0	0
mORF_-_2662608	2662608	2662649	-	4	42	TTG	TAA	0	0
mORF_-_2662663	2662663	2662731	-	5	69	TTG	TGA	0	0
mORF_-_2662737	2662737	2662769	-	4	33	TTG	TAA	0	0
mORF_-_2662747	2662747	2662956	-	5	210	GTG	TAA	0	0
mORF_-_2662766	2662766	2662987	-	6	222	TTG	TGA	0	0
mORF_-_2662818	2662818	2662853	-	4	36	GTG	TGA	0	0
mORF_-_2662905	2662905	2662973	-	4	69	TTG	TAA	0	0
mORF_-_2662966	2662966	2662983	-	5	18	TTG	TAA	0	0
mORF_-_2663038	2663038	2663076	-	5	39	ATG	TAA	0	0
mORF_-_2663069	2663069	2663113	-	6	45	GTG	TAA	0	0
mORF_-_2663092	2663092	2663181	-	5	90	ATG	TGA	0	0
mORF_-_2663097	2663097	2663147	-	4	51	TTG	TAA	0	0
mORF_-_2663159	2663159	2663296	-	6	138	GTG	TAG	0	0
mORF_-_2663263	2663263	2663292	-	5	30	ATG	TAG	0	0
mORF_-_2663293	2663293	2663304	-	5	12	GTG	TGA	0	0
mORF_-_2663306	2663306	2663413	-	6	108	TTG	TAA	0	0
mORF_-_2663316	2663316	2663324	-	4	9	GTG	TAG	0	0
mORF_-_2663338	2663338	2663373	-	5	36	ATG	TAA	0	0
mORF_-_2663383	2663383	2663433	-	5	51	TTG	TAA	0	0
mORF_-_2663451	2663451	2663705	-	4	255	TTG	TAG	0	0
mORF_-_2663464	2663464	2663559	-	5	96	TTG	TAG	0	0
mORF_-_2663531	2663531	2663554	-	6	24	ATG	TGA	0	0
mORF_-_2663642	2663642	2663650	-	6	9	GTG	TGA	0	0
mORF_-_2663647	2663647	2663652	-	5	6	GTG	TGA	0	0
mORF_-_2663698	2663698	2663757	-	5	60	ATG	TAA	0	0
mORF_-_2663715	2663715	2663723	-	4	9	GTG	TAA	0	0
mORF_-_2663720	2663720	2663776	-	6	57	GTG	TGA	0	0
mORF_-_2663754	2663754	2663771	-	4	18	TTG	TGA	0	0
mORF_-_2663825	2663825	2663839	-	6	15	TTG	TAA	0	0
mORF_-_2663841	2663841	2663846	-	4	6	TTG	TAG	0	0
mORF_-_2663850	2663850	2664038	-	4	189	GTG	TAA	0	0
mORF_-_2663968	2663968	2664081	-	5	114	GTG	TAA	0	0
mORF_-_2664011	2664011	2664106	-	6	96	ATG	TGA	0	0
mORF_-_2664085	2664085	2664126	-	5	42	ATG	TAA	0	0
mORF_-_2664093	2664093	2664188	-	4	96	ATG	TAG	0	0
mORF_-_2664161	2664161	2664172	-	6	12	TTG	TGA	0	0
mORF_-_2664169	2664169	2664336	-	5	168	GTG	TGA	0	0
mORF_-_2664231	2664231	2664254	-	4	24	GTG	TAA	0	0
mORF_-_2664245	2664245	2664562	-	6	318	ATG	TAA	0	0
mORF_-_2664267	2664267	2664395	-	4	129	ATG	TAA	0	0
mORF_-_2664444	2664444	2664467	-	4	24	ATG	TAG	0	0
mORF_-_2664546	2664546	2664569	-	4	24	ATG	TAA	0	0
mORF_-_2664562	2664562	2664618	-	5	57	GTG	TAA	0	0
mORF_-_2664622	2664622	2664735	-	5	114	ATG	TAA	0	0
mORF_-_2664632	2664632	2664640	-	6	9	ATG	TAA	0	0
mORF_-_2664657	2664657	2664701	-	4	45	TTG	TGA	0	0
mORF_-_2664698	2664698	2664745	-	6	48	TTG	TGA	0	0
mORF_-_2664729	2664729	2665868	-	4	1140	ATG	TGA	0	0
mORF_-_2664842	2664842	2664925	-	6	84	TTG	TGA	0	0
mORF_-_2664907	2664907	2665044	-	5	138	TTG	TAG	0	0
mORF_-_2665055	2665055	2665075	-	6	21	GTG	TGA	0	0
mORF_-_2665075	2665075	2665080	-	5	6	TTG	TAG	0	0
mORF_-_2665096	2665096	2665143	-	5	48	GTG	TAA	0	0
mORF_-_2665100	2665100	2665216	-	6	117	ATG	TGA	0	0

mORF_-_2665195	2665195	2665290	-	5	96	TTG	TAG	0	0
mORF_-_2665394	2665394	2665408	-	6	15	TTG	TGA	0	0
mORF_-_2665405	2665405	2665467	-	5	63	GTG	TGA	0	0
mORF_-_2665430	2665430	2665525	-	6	96	ATG	TGA	0	0
mORF_-_2665486	2665486	2665509	-	5	24	GTG	TGA	0	0
mORF_-_2665529	2665529	2665567	-	6	39	TTG	TGA	0	0
mORF_-_2665558	2665558	2665587	-	5	30	GTG	TAA	0	0
mORF_-_2665589	2665589	2665621	-	6	33	TTG	TAG	0	0
mORF_-_2665661	2665661	2665720	-	6	60	TTG	TGA	0	0
mORF_-_2665760	2665760	2665921	-	6	162	TTG	TAA	0	0
mORF_-_2665891	2665891	2666109	-	5	219	GTG	TAA	0	0
mORF_-_2665902	2665902	2665982	-	4	81	GTG	TAA	0	0
mORF_-_2665973	2665973	2665978	-	6	6	TTG	TGA	0	0
mORF_-_2665982	2665982	2666014	-	6	33	TTG	TAG	0	0
mORF_-_2666028	2666028	2667011	-	4	984	TTG	TAA	0	0
mORF_-_2666036	2666036	2666062	-	6	27	TTG	TAA	0	0
mORF_-_2666114	2666114	2666161	-	6	48	TTG	TGA	0	0
mORF_-_2666179	2666179	2666298	-	5	120	GTG	TAA	0	0
mORF_-_2666237	2666237	2666317	-	6	81	TTG	TGA	0	0
mORF_-_2666354	2666354	2666392	-	6	39	ATG	TGA	0	0
mORF_-_2666396	2666396	2666422	-	6	27	TTG	TAG	0	0
mORF_-_2666426	2666426	2666458	-	6	33	TTG	TAG	0	0
mORF_-_2666486	2666486	2666509	-	6	24	GTG	TAA	0	0
mORF_-_2666546	2666546	2666557	-	6	12	TTG	TGA	0	0
mORF_-_2666554	2666554	2666733	-	5	180	ATG	TGA	0	0
mORF_-_2666612	2666612	2666638	-	6	27	TTG	TGA	0	0
mORF_-_2666642	2666642	2666689	-	6	48	ATG	TAA	0	0
mORF_-_2666771	2666771	2666803	-	6	33	TTG	TGA	0	0
mORF_-_2666822	2666822	2666860	-	6	39	GTG	TAA	0	0
mORF_-_2666966	2666966	2666974	-	6	9	GTG	TAG	0	0
mORF_-_2666971	2666971	2666988	-	5	18	TTG	TGA	0	0
mORF_-_2666978	2666978	2667025	-	6	48	TTG	TAA	0	0
mORF_-_2667001	2667001	2667009	-	5	9	GTG	TAA	0	0
mORF_-_2667022	2667022	2667063	-	5	42	GTG	TGA	0	0
mORF_-_2667032	2667032	2667079	-	6	48	ATG	TAA	0	0
mORF_-_2667066	2667066	2667149	-	4	84	TTG	TGA	0	0
mORF_-_2667080	2667080	2667115	-	6	36	GTG	TAA	0	0
mORF_-_2667112	2667112	2667213	-	5	102	TTG	TGA	0	0
mORF_-_2667143	2667143	2667235	-	6	93	GTG	TAA	0	0
mORF_-_2667183	2667183	2667461	-	4	279	GTG	TAG	0	0
mORF_-_2667236	2667236	2667241	-	6	6	ATG	TAG	0	0
mORF_-_2667269	2667269	2667322	-	6	54	ATG	TGA	0	0
mORF_-_2667332	2667332	2667352	-	6	21	GTG	TAA	0	0
mORF_-_2667386	2667386	2667394	-	6	9	ATG	TAA	0	0
mORF_-_2667394	2667394	2667534	-	5	141	GTG	TAA	0	0
mORF_-_2667494	2667494	2667517	-	6	24	TTG	TAA	0	0
mORF_-_2667504	2667504	2667707	-	4	204	ATG	TAG	0	0
mORF_-_2667548	2667548	2667643	-	6	96	TTG	TAA	0	0
mORF_-_2667719	2667719	2667802	-	6	84	TTG	TGA	0	0
mORF_-_2667726	2667726	2667833	-	4	108	GTG	TAA	0	0
mORF_-_2667868	2667868	2668017	-	5	150	GTG	TAG	0	0
mORF_-_2667894	2667894	2667932	-	4	39	TTG	TGA	0	0
mORF_-_2667936	2667936	2667971	-	4	36	ATG	TAA	0	0
mORF_-_2667968	2667968	2668015	-	6	48	GTG	TGA	0	0
mORF_-_2667999	2667999	2668208	-	4	210	GTG	TAG	0	0
mORF_-_2668046	2668046	2668225	-	6	180	TTG	TGA	0	0
mORF_-_2668250	2668250	2668285	-	6	36	ATG	TGA	0	0
mORF_-_2668302	2668302	2668430	-	4	129	GTG	TGA	0	0
mORF_-_2668391	2668391	2668423	-	6	33	TTG	TAA	0	0
mORF_-_2668436	2668436	2668468	-	6	33	GTG	TAA	0	0
mORF_-_2668441	2668441	2668449	-	5	9	ATG	TGA	0	0
mORF_-_2668478	2668478	2668564	-	6	87	TTG	TAA	0	0
mORF_-_2668534	2668534	2668695	-	5	162	GTG	TAA	0	0

mORF_-_2668554	2668554	2668601	-	4	48	TTG	TAA	0	0
mORF_-_2668611	2668611	2668691	-	4	81	GTG	TAA	0	0
mORF_-_2668688	2668688	2668702	-	6	15	GTG	TGA	0	0
mORF_-_2668699	2668699	2668737	-	5	39	ATG	TGA	0	0
mORF_-_2668703	2668703	2668909	-	6	207	ATG	TAA	0	0
mORF_-_2668707	2668707	2668805	-	4	99	ATG	TGA	0	0
mORF_-_2668807	2668807	2668854	-	5	48	TTG	TAG	0	0
mORF_-_2668888	2668888	2669061	-	5	174	ATG	TGA	0	0
mORF_-_2668941	2668941	2669018	-	4	78	TTG	TAA	0	0
mORF_-_2669034	2669034	2669189	-	4	156	GTG	TAA	0	0
mORF_-_2669042	2669042	2669074	-	6	33	TTG	TAA	0	0
mORF_-_2669119	2669119	2669124	-	5	6	GTG	TAG	0	0
mORF_-_2669158	2669158	2669202	-	5	45	GTG	TAA	0	0
mORF_-_2669190	2669190	2669261	-	4	72	ATG	TAA	0	0
mORF_-_2669222	2669222	2669350	-	6	129	GTG	TGA	0	0
mORF_-_2669298	2669298	2669525	-	4	228	GTG	TAA	0	0
mORF_-_2669323	2669323	2669370	-	5	48	TTG	TAA	0	0
mORF_-_2669462	2669462	2669515	-	6	54	ATG	TGA	0	0
mORF_-_2669497	2669497	2669535	-	5	39	GTG	TAA	0	0
mORF_-_2669522	2669522	2669593	-	6	72	TTG	TGA	0	0
mORF_-_2669532	2669532	2669576	-	4	45	GTG	TGA	0	0
mORF_-_2669590	2669590	2669619	-	5	30	TTG	TGA	0	0
mORF_-_2669603	2669603	2669716	-	6	114	GTG	TAA	0	0
mORF_-_2669665	2669665	2669736	-	5	72	TTG	TGA	0	0
mORF_-_2669673	2669673	2669846	-	4	174	TTG	TGA	0	0
mORF_-_2669743	2669743	2669832	-	5	90	GTG	TAA	0	0
mORF_-_2669759	2669759	2670028	-	6	270	ATG	TAA	0	0
mORF_-_2669898	2669898	2669921	-	4	24	TTG	TAA	0	0
mORF_-_2669932	2669932	2669979	-	5	48	ATG	TAA	0	0
mORF_-_2670012	2670012	2670107	-	4	96	TTG	TAA	0	0
mORF_-_2670056	2670056	2670151	-	6	96	GTG	TAA	0	0
mORF_-_2670088	2670088	2670117	-	5	30	TTG	TAA	0	0
mORF_-_2670132	2670132	2670185	-	4	54	ATG	TAG	0	0
mORF_-_2670148	2670148	2670207	-	5	60	GTG	TGA	0	0
mORF_-_2670191	2670191	2670283	-	6	93	TTG	TAA	0	0
mORF_-_2670255	2670255	2670296	-	4	42	ATG	TAA	0	0
mORF_-_2670287	2670287	2670352	-	6	66	TTG	TGA	0	0
mORF_-_2670310	2670310	2670333	-	5	24	GTG	TGA	0	0
mORF_-_2670345	2670345	2670368	-	4	24	GTG	TAA	0	0
mORF_-_2670374	2670374	2670607	-	6	234	ATG	TGA	0	0
mORF_-_2670382	2670382	2670429	-	5	48	GTG	TAA	0	0
mORF_-_2670450	2670450	2670458	-	4	9	ATG	TAG	0	0
mORF_-_2670504	2670504	2670635	-	4	132	TTG	TGA	0	0
mORF_-_2670529	2670529	2670600	-	5	72	TTG	TAG	0	0
mORF_-_2670604	2670604	2670624	-	5	21	GTG	TGA	0	0
mORF_-_2670638	2670638	2670694	-	6	57	ATG	TAG	0	0
mORF_-_2670645	2670645	2670800	-	4	156	TTG	TAA	0	0
mORF_-_2670770	2670770	2670955	-	6	186	TTG	TAA	0	0
mORF_-_2670841	2670841	2670900	-	5	60	TTG	TGA	0	0
mORF_-_2670901	2670901	2670984	-	5	84	TTG	TGA	0	0
mORF_-_2670924	2670924	2670968	-	4	45	TTG	TAG	0	0
mORF_-_2671034	2671034	2671099	-	6	66	TTG	TGA	0	0
mORF_-_2671050	2671050	2671136	-	4	87	TTG	TAA	0	0
mORF_-_2671109	2671109	2671162	-	6	54	GTG	TGA	0	0
mORF_-_2671159	2671159	2671191	-	5	33	TTG	TGA	0	0
mORF_-_2671169	2671169	2671252	-	6	84	ATG	TGA	0	0
mORF_-_2671258	2671258	2671320	-	5	63	TTG	TAA	0	0
mORF_-_2671336	2671336	2671356	-	5	21	TTG	TAA	0	0
mORF_-_2671341	2671341	2671346	-	4	6	ATG	TGA	0	0
mORF_-_2671346	2671346	2671375	-	6	30	GTG	TAA	0	0
mORF_-_2671366	2671366	2671377	-	5	12	GTG	TAA	0	0
mORF_-_2671382	2671382	2671600	-	6	219	GTG	TAA	0	0
mORF_-_2671443	2671443	2671499	-	4	57	TTG	TAA	0	0

mORF_-_2671453	2671453	2671524	-	5	72	TTG	TAA	0	0	
mORF_-_2671578	2671578	2671661	-	4	84	ATG	TAA	0	0	
mORF_-_2671621	2671621	2671695	-	5	75	TTG	TAA	0	0	
mORF_-_2671628	2671628	2671633	-	6	6	GTG	TAG	0	0	
mORF_-_2671720	2671720	2671752	-	5	33	TTG	TGA	0	0	
mORF_-_2671743	2671743	2671829	-	4	87	ATG	TAG	0	0	
mORF_-_2671753	2671753	2671770	-	5	18	TTG	TAA	0	0	
mORF_-_2671830	2671830	2671847	-	4	18	GTG	TAA	0	0	
mORF_-_2671838	2671838	2672710	-	6	873	ATG	TAA	0	0	
mORF_-_2671891	2671891	2671941	-	5	51	ATG	TAG	0	0	
mORF_-_2671945	2671945	2672109	-	5	165	ATG	TGA	0	0	
mORF_-_2671986	2671986	2672120	-	4	135	GTG	TGA	0	0	
mORF_-_2672113	2672113	2672283	-	5	171	TTG	TGA	0	0	
mORF_-_2672145	2672145	2672177	-	4	33	TTG	TAA	0	0	
mORF_-_2672181	2672181	2672195	-	4	15	GTG	TGA	0	0	
mORF_-_2672362	2672362	2672526	-	5	165	TTG	TAA	0	0	
mORF_-_2672394	2672394	2672408	-	4	15	GTG	TGA	0	0	
mORF_-_2672415	2672415	2672483	-	4	69	GTG	TGA	0	0	
mORF_-_2672508	2672508	2672573	-	4	66	ATG	TGA	0	0	
mORF_-_2672539	2672539	2672592	-	5	54	GTG	TGA	0	0	
mORF_-_2672722	2672722	2673816	-	5	1095	ATG	TAA	1	0	pORF_-_2672722
mORF_-_2672735	2672735	2672755	-	6	21	ATG	TAA	0	0	
mORF_-_2672739	2672739	2672744	-	4	6	TTG	TGA	0	0	
mORF_-_2672769	2672769	2672786	-	4	18	GTG	TGA	0	0	
mORF_-_2672822	2672822	2672833	-	6	12	GTG	TAA	0	0	
mORF_-_2672847	2672847	2672855	-	4	9	ATG	TGA	0	0	
mORF_-_2672852	2672852	2672863	-	6	12	ATG	TGA	0	0	
mORF_-_2672922	2672922	2673059	-	4	138	GTG	TGA	0	0	
mORF_-_2673026	2673026	2673037	-	6	12	TTG	TAA	0	0	
mORF_-_2673129	2673129	2673191	-	4	63	GTG	TAG	0	0	
mORF_-_2673219	2673219	2673329	-	4	111	ATG	TGA	0	0	
mORF_-_2673290	2673290	2673313	-	6	24	TTG	TGA	0	0	
mORF_-_2673339	2673339	2673347	-	4	9	ATG	TGA	0	0	
mORF_-_2673360	2673360	2673656	-	4	297	ATG	TGA	0	0	
mORF_-_2673404	2673404	2673478	-	6	75	TTG	TGA	0	0	
mORF_-_2673524	2673524	2673568	-	6	45	GTG	TAA	0	0	
mORF_-_2673605	2673605	2673667	-	6	63	TTG	TAA	0	0	
mORF_-_2673690	2673690	2673725	-	4	36	TTG	TGA	0	0	
mORF_-_2673780	2673780	2673800	-	4	21	TTG	TGA	0	0	
mORF_-_2673813	2673813	2673827	-	4	15	GTG	TGA	0	0	
mORF_-_2673849	2673849	2674847	-	4	999	ATG	TAA	0	0	
mORF_-_2673986	2673986	2674096	-	6	111	GTG	TGA	0	0	
mORF_-_2674102	2674102	2674206	-	5	105	GTG	TAA	0	0	
mORF_-_2674148	2674148	2674300	-	6	153	TTG	TAG	0	0	
mORF_-_2674307	2674307	2674372	-	6	66	TTG	TGA	0	0	
mORF_-_2674369	2674369	2674428	-	5	60	GTG	TGA	0	0	
mORF_-_2674394	2674394	2674459	-	6	66	ATG	TGA	0	0	
mORF_-_2674459	2674459	2674527	-	5	69	GTG	TAA	0	0	
mORF_-_2674505	2674505	2674618	-	6	114	GTG	TAG	0	0	
mORF_-_2674546	2674546	2674572	-	5	27	GTG	TGA	0	0	
mORF_-_2674637	2674637	2674672	-	6	36	ATG	TGA	0	0	
mORF_-_2674721	2674721	2674750	-	6	30	TTG	TGA	0	0	
mORF_-_2674751	2674751	2674792	-	6	42	TTG	TGA	0	0	
mORF_-_2674774	2674774	2674872	-	5	99	ATG	TAA	0	0	
mORF_-_2674872	2674872	2676383	-	4	1512	ATG	TGA	1	10	pORF_-_2674872
mORF_-_2674898	2674898	2675125	-	6	228	ATG	TGA	0	0	
mORF_-_2674969	2674969	2674974	-	5	6	GTG	TGA	0	0	
mORF_-_2675038	2675038	2675133	-	5	96	TTG	TGA	0	0	
mORF_-_2675141	2675141	2675164	-	6	24	GTG	TGA	0	0	
mORF_-_2675191	2675191	2675256	-	5	66	ATG	TAG	0	0	
mORF_-_2675234	2675234	2675266	-	6	33	GTG	TGA	0	0	
mORF_-_2675294	2675294	2675368	-	6	75	TTG	TGA	0	0	
mORF_-_2675378	2675378	2675461	-	6	84	TTG	TGA	0	0	

mORF_-_2675468	2675468	2675602	-	6	135	TTG	TGA	0	0	
mORF_-_2675615	2675615	2675632	-	6	18	TTG	TAG	0	0	
mORF_-_2675651	2675651	2675662	-	6	12	TTG	TGA	0	0	
mORF_-_2675690	2675690	2675773	-	6	84	ATG	TGA	0	0	
mORF_-_2675819	2675819	2675866	-	6	48	TTG	TGA	0	0	
mORF_-_2675894	2675894	2675905	-	6	12	TTG	TGA	0	0	
mORF_-_2675933	2675933	2676022	-	6	90	TTG	TAA	0	0	
mORF_-_2675965	2675965	2675988	-	5	24	TTG	TGA	0	0	
mORF_-_2676019	2676019	2676045	-	5	27	GTG	TGA	0	0	
mORF_-_2676092	2676092	2676133	-	6	42	GTG	TAA	0	0	
mORF_-_2676140	2676140	2676190	-	6	51	GTG	TGA	0	0	
mORF_-_2676257	2676257	2676313	-	6	57	TTG	TAG	0	0	
mORF_-_2676399	2676399	2676422	-	4	24	TTG	TGA	0	0	
mORF_-_2676406	2676406	2677389	-	5	984	ATG	TAA	0	0	
mORF_-_2676419	2676419	2676439	-	6	21	GTG	TGA	0	0	
mORF_-_2676486	2676486	2676497	-	4	12	GTG	TGA	0	0	
mORF_-_2676522	2676522	2676545	-	4	24	ATG	TGA	0	0	
mORF_-_2676582	2676582	2676614	-	4	33	TTG	TGA	0	0	
mORF_-_2676624	2676624	2676647	-	4	24	TTG	TGA	0	0	
mORF_-_2676681	2676681	2676701	-	4	21	GTG	TAA	0	0	
mORF_-_2676747	2676747	2676761	-	4	15	TTG	TAA	0	0	
mORF_-_2676777	2676777	2676806	-	4	30	TTG	TAG	0	0	
mORF_-_2676831	2676831	2677001	-	4	171	ATG	TAA	0	0	
mORF_-_2676851	2676851	2676868	-	6	18	TTG	TAA	0	0	
mORF_-_2676872	2676872	2676886	-	6	15	TTG	TGA	0	0	
mORF_-_2677022	2677022	2677042	-	6	21	TTG	TAA	0	0	
mORF_-_2677044	2677044	2677178	-	4	135	GTG	TGA	0	0	
mORF_-_2677197	2677197	2677292	-	4	96	TTG	TAA	0	0	
mORF_-_2677296	2677296	2677322	-	4	27	TTG	TGA	0	0	
mORF_-_2677374	2677374	2677418	-	4	45	TTG	TGA	0	0	
mORF_-_2677428	2677428	2677466	-	4	39	TTG	TAG	0	0	
mORF_-_2677486	2677486	2680860	-	5	3375	TTG	TAA	1	2	pORF_-_2677486
mORF_-_2677499	2677499	2677546	-	6	48	TTG	TAA	0	0	
mORF_-_2677563	2677563	2677595	-	4	33	TTG	TGA	0	0	
mORF_-_2677583	2677583	2677639	-	6	57	ATG	TGA	0	0	
mORF_-_2677632	2677632	2677703	-	4	72	TTG	TGA	0	0	
mORF_-_2677685	2677685	2677747	-	6	63	GTG	TGA	0	0	
mORF_-_2677752	2677752	2677919	-	4	168	ATG	TGA	0	0	
mORF_-_2677862	2677862	2677900	-	6	39	TTG	TAA	0	0	
mORF_-_2677916	2677916	2677939	-	6	24	ATG	TGA	0	0	
mORF_-_2677995	2677995	2678063	-	4	69	TTG	TAA	0	0	
mORF_-_2678060	2678060	2678197	-	6	138	GTG	TGA	0	0	
mORF_-_2678232	2678232	2678291	-	4	60	GTG	TGA	0	0	
mORF_-_2678292	2678292	2678408	-	4	117	ATG	TAA	0	0	
mORF_-_2678396	2678396	2678470	-	6	75	TTG	TAA	0	0	
mORF_-_2678415	2678415	2678438	-	4	24	TTG	TAG	0	0	
mORF_-_2678454	2678454	2678477	-	4	24	TTG	TAG	0	0	
mORF_-_2678492	2678492	2678542	-	6	51	GTG	TAG	0	0	
mORF_-_2678517	2678517	2678639	-	4	123	GTG	TAG	0	0	
mORF_-_2678763	2678763	2678831	-	4	69	ATG	TGA	0	0	
mORF_-_2678771	2678771	2678803	-	6	33	GTG	TAA	0	0	
mORF_-_2678822	2678822	2678851	-	6	30	GTG	TAG	0	0	
mORF_-_2678862	2678862	2678921	-	4	60	GTG	TGA	0	0	
mORF_-_2678922	2678922	2679140	-	4	219	GTG	TAA	0	0	
mORF_-_2678939	2678939	2678995	-	6	57	TTG	TAA	0	0	
mORF_-_2679023	2679023	2679169	-	6	147	GTG	TAA	0	0	
mORF_-_2679183	2679183	2679191	-	4	9	ATG	TGA	0	0	
mORF_-_2679201	2679201	2679386	-	4	186	ATG	TGA	0	0	
mORF_-_2679471	2679471	2679506	-	4	36	TTG	TGA	0	0	
mORF_-_2679564	2679564	2679584	-	4	21	TTG	TGA	0	0	
mORF_-_2679581	2679581	2679598	-	6	18	ATG	TGA	0	0	
mORF_-_2679599	2679599	2679661	-	6	63	GTG	TAA	0	0	
mORF_-_2679633	2679633	2679665	-	4	33	TTG	TGA	0	0	

mORF_-_2679693	2679693	2679812	-	4	120	TTG	TGA	0	0	
mORF_-_2679855	2679855	2680130	-	4	276	TTG	TGA	0	0	
mORF_-_2679863	2679863	2679871	-	6	9	GTG	TAA	0	0	
mORF_-_2679884	2679884	2679904	-	6	21	GTG	TGA	0	0	
mORF_-_2679959	2679959	2679973	-	6	15	GTG	TGA	0	0	
mORF_-_2680127	2680127	2680204	-	6	78	GTG	TGA	0	0	
mORF_-_2680140	2680140	2680145	-	4	6	ATG	TAA	0	0	
mORF_-_2680268	2680268	2680333	-	6	66	GTG	TGA	0	0	
mORF_-_2680293	2680293	2680307	-	4	15	ATG	TGA	0	0	
mORF_-_2680326	2680326	2680493	-	4	168	TTG	TAG	0	0	
mORF_-_2680421	2680421	2680441	-	6	21	GTG	TGA	0	0	
mORF_-_2680511	2680511	2680585	-	6	75	GTG	TAA	0	0	
mORF_-_2680632	2680632	2680736	-	4	105	TTG	TGA	0	0	
mORF_-_2680733	2680733	2680750	-	6	18	GTG	TGA	0	0	
mORF_-_2680764	2680764	2680898	-	4	135	ATG	TGA	0	0	
mORF_-_2680781	2680781	2680792	-	6	12	ATG	TAA	0	0	
mORF_-_2680799	2680799	2680828	-	6	30	TTG	TAA	0	0	
mORF_-_2680861	2680861	2680872	-	5	12	TTG	TAA	0	0	
mORF_-_2680876	2680876	2680959	-	5	84	TTG	TAA	0	0	
mORF_-_2680898	2680898	2680978	-	6	81	TTG	TAA	0	0	
mORF_-_2680905	2680905	2681156	-	4	252	GTG	TGA	0	0	
mORF_-_2680975	2680975	2681091	-	5	117	ATG	TGA	0	0	
mORF_-_2681015	2681015	2681104	-	6	90	ATG	TGA	0	0	
mORF_-_2681169	2681169	2681309	-	4	141	TTG	TGA	0	0	
mORF_-_2681177	2681177	2681230	-	6	54	GTG	TAG	0	0	
mORF_-_2681215	2681215	2681604	-	5	390	GTG	TAA	0	0	
mORF_-_2681306	2681306	2681386	-	6	81	TTG	TGA	0	0	
mORF_-_2681331	2681331	2681519	-	4	189	TTG	TGA	0	0	
mORF_-_2681526	2681526	2681534	-	4	9	ATG	TAA	0	0	
mORF_-_2681601	2681601	2681609	-	4	9	ATG	TGA	0	0	
mORF_-_2681612	2681612	2681716	-	6	105	GTG	TAA	0	0	
mORF_-_2681713	2681713	2681733	-	5	21	TTG	TGA	0	0	
mORF_-_2681730	2681730	2681867	-	4	138	TTG	TGA	0	0	
mORF_-_2681764	2681764	2682009	-	5	246	TTG	TAA	0	0	
mORF_-_2681948	2681948	2682022	-	6	75	GTG	TAA	0	0	
mORF_-_2682010	2682010	2682024	-	5	15	TTG	TAA	0	0	
mORF_-_2682064	2682064	2682267	-	5	204	GTG	TAA	0	0	
mORF_-_2682123	2682123	2682251	-	4	129	GTG	TGA	0	0	
mORF_-_2682164	2682164	2682196	-	6	33	TTG	TAG	0	0	
mORF_-_2682221	2682221	2682370	-	6	150	GTG	TGA	0	0	
mORF_-_2682276	2682276	2683535	-	4	1260	ATG	TAA	179	9264	pORF_-_2682276
mORF_-_2682367	2682367	2682372	-	5	6	GTG	TGA	0	0	
mORF_-_2682437	2682437	2682442	-	6	6	GTG	TAG	0	0	
mORF_-_2682455	2682455	2682514	-	6	60	GTG	TGA	0	0	
mORF_-_2682545	2682545	2682568	-	6	24	TTG	TGA	0	0	
mORF_-_2682701	2682701	2682709	-	6	9	TTG	TGA	0	0	
mORF_-_2682734	2682734	2682754	-	6	21	GTG	TGA	0	0	
mORF_-_2682773	2682773	2682802	-	6	30	GTG	TGA	0	0	
mORF_-_2682815	2682815	2683015	-	6	201	GTG	TGA	0	0	
mORF_-_2683022	2683022	2683087	-	6	66	ATG	TGA	0	0	
mORF_-_2683148	2683148	2683162	-	6	15	ATG	TGA	0	0	
mORF_-_2683172	2683172	2683366	-	6	195	ATG	TGA	1	2	pORF_-_2683172
mORF_-_2683315	2683315	2683329	-	5	15	TTG	TGA	0	0	
mORF_-_2683360	2683360	2683485	-	5	126	GTG	TGA	0	0	
mORF_-_2683433	2683433	2683507	-	6	75	TTG	TGA	0	0	
mORF_-_2683511	2683511	2683519	-	6	9	GTG	TGA	0	0	
mORF_-_2683516	2683516	2683554	-	5	39	TTG	TGA	0	0	
mORF_-_2683548	2683548	2683676	-	4	129	TTG	TAG	0	0	
mORF_-_2683570	2683570	2683653	-	5	84	TTG	TAA	0	0	
mORF_-_2683613	2683613	2683639	-	6	27	TTG	TGA	0	0	
mORF_-_2683664	2683664	2683702	-	6	39	TTG	TGA	0	0	
mORF_-_2683669	2683669	2683746	-	5	78	GTG	TAG	0	0	
mORF_-_2683743	2683743	2683775	-	4	33	TTG	TGA	0	0	

mORF_-_2683751	2683751	2683783	-	6	33	ATG	TGA	0	0	
mORF_-_2683784	2683784	2683816	-	6	33	ATG	TAA	0	0	
mORF_-_2683804	2683804	2683830	-	5	27	TTG	TAA	0	0	
mORF_-_2683827	2683827	2683871	-	4	45	TTG	TGA	0	0	
mORF_-_2683868	2683868	2683897	-	6	30	ATG	TGA	0	0	
mORF_-_2683879	2683879	2683923	-	5	45	TTG	TAG	0	0	
mORF_-_2683926	2683926	2684564	-	4	639	GTG	TAA	0	0	
mORF_-_2683958	2683958	2683990	-	6	33	ATG	TGA	0	0	
mORF_-_2684045	2684045	2684146	-	6	102	ATG	TAG	0	0	
mORF_-_2684125	2684125	2684169	-	5	45	TTG	TGA	0	0	
mORF_-_2684225	2684225	2684254	-	6	30	TTG	TAG	0	0	
mORF_-_2684270	2684270	2684359	-	6	90	GTG	TAG	0	0	
mORF_-_2684332	2684332	2684340	-	5	9	GTG	TAG	0	0	
mORF_-_2684356	2684356	2684454	-	5	99	GTG	TGA	0	0	
mORF_-_2684468	2684468	2684500	-	6	33	TTG	TGA	0	0	
mORF_-_2684504	2684504	2684560	-	6	57	TTG	TAG	0	0	
mORF_-_2684561	2684561	2684635	-	6	75	GTG	TGA	0	0	
mORF_-_2684614	2684614	2684721	-	5	108	GTG	TAA	0	0	
mORF_-_2684646	2684646	2684762	-	4	117	GTG	TAA	0	0	
mORF_-_2684666	2684666	2684716	-	6	51	GTG	TGA	0	0	
mORF_-_2684759	2684759	2684821	-	6	63	GTG	TGA	0	0	
mORF_-_2684779	2684779	2684799	-	5	21	GTG	TAA	0	0	
mORF_-_2684796	2684796	2684819	-	4	24	GTG	TGA	0	0	
mORF_-_2684861	2684861	2684896	-	6	36	TTG	TGA	0	0	
mORF_-_2684911	2684911	2684925	-	5	15	TTG	TGA	0	0	
mORF_-_2684933	2684933	2685010	-	6	78	ATG	TAG	0	0	
mORF_-_2684965	2684965	2685249	-	5	285	TTG	TAA	0	0	
mORF_-_2684979	2684979	2685071	-	4	93	ATG	TAA	0	0	
mORF_-_2685092	2685092	2685430	-	6	339	ATG	TAA	21	398	pORF_-_2685092
mORF_-_2685253	2685253	2685324	-	5	72	TTG	TGA	0	0	
mORF_-_2685346	2685346	2685387	-	5	42	ATG	TGA	0	0	
mORF_-_2685406	2685406	2685420	-	5	15	TTG	TAA	0	0	
mORF_-_2685427	2685427	2685708	-	5	282	GTG	TGA	0	0	
mORF_-_2685432	2685432	2685494	-	4	63	ATG	TAG	0	0	
mORF_-_2685467	2685467	2685481	-	6	15	ATG	TAG	0	0	
mORF_-_2685491	2685491	2686927	-	6	1437	TTG	TGA	2	10	pORF_-_2685491
mORF_-_2685708	2685708	2685740	-	4	33	GTG	TAG	0	0	
mORF_-_2685727	2685727	2685747	-	5	21	TTG	TGA	0	0	
mORF_-_2685748	2685748	2685771	-	5	24	ATG	TGA	0	0	
mORF_-_2685802	2685802	2685831	-	5	30	TTG	TGA	0	0	
mORF_-_2685919	2685919	2686260	-	5	342	TTG	TGA	0	0	
mORF_-_2686399	2686399	2686569	-	5	171	ATG	TGA	0	0	
mORF_-_2686585	2686585	2686647	-	5	63	ATG	TAA	0	0	
mORF_-_2686690	2686690	2686734	-	5	45	GTG	TGA	0	0	
mORF_-_2686750	2686750	2686764	-	5	15	TTG	TGA	0	0	
mORF_-_2686771	2686771	2686791	-	5	21	ATG	TGA	0	0	
mORF_-_2686815	2686815	2687534	-	4	720	GTG	TAA	4	11	pORF_-_2686815
mORF_-_2686934	2686934	2687086	-	6	153	ATG	TGA	0	0	
mORF_-_2687135	2687135	2687242	-	6	108	ATG	TAA	0	0	
mORF_-_2687276	2687276	2687425	-	6	150	TTG	TAA	0	0	
mORF_-_2687284	2687284	2687292	-	5	9	TTG	TGA	0	0	
mORF_-_2687359	2687359	2687364	-	5	6	ATG	TAG	0	0	
mORF_-_2687434	2687434	2687802	-	5	369	TTG	TAA	0	0	
mORF_-_2687547	2687547	2687693	-	4	147	ATG	TAG	0	0	
mORF_-_2687693	2687693	2689183	-	6	1491	TTG	TAA	2	5	pORF_-_2687693
mORF_-_2687721	2687721	2687792	-	4	72	TTG	TGA	0	0	
mORF_-_2687875	2687875	2687997	-	5	123	ATG	TGA	0	0	
mORF_-_2687922	2687922	2687963	-	4	42	TTG	TGA	0	0	
mORF_-_2688009	2688009	2688050	-	4	42	TTG	TAA	0	0	
mORF_-_2688139	2688139	2688195	-	5	57	TTG	TAG	0	0	
mORF_-_2688208	2688208	2688240	-	5	33	TTG	TGA	0	0	
mORF_-_2688247	2688247	2688285	-	5	39	TTG	TGA	0	0	
mORF_-_2688337	2688337	2688345	-	5	9	ATG	TAA	0	0	

mORF_-_2688342	2688342	2688389	-	4	48	ATG	TGA	0	0	
mORF_-_2688358	2688358	2688402	-	5	45	GTG	TAA	0	0	
mORF_-_2688399	2688399	2688410	-	4	12	TTG	TGA	0	0	
mORF_-_2688403	2688403	2688450	-	5	48	GTG	TAA	0	0	
mORF_-_2688462	2688462	2688593	-	4	132	TTG	TAG	0	0	
mORF_-_2688565	2688565	2688825	-	5	261	ATG	TGA	0	0	
mORF_-_2688741	2688741	2688746	-	4	6	GTG	TAA	0	0	
mORF_-_2688795	2688795	2688896	-	4	102	TTG	TAA	0	0	
mORF_-_2688937	2688937	2689008	-	5	72	ATG	TGA	0	0	
mORF_-_2688999	2688999	2689031	-	4	33	ATG	TAG	0	0	
mORF_-_2689258	2689258	2689497	-	5	240	TTG	TAG	0	0	
mORF_-_2689302	2689302	2689361	-	4	60	GTG	TGA	0	0	
mORF_-_2689313	2689313	2689390	-	6	78	TTG	TAA	0	0	
mORF_-_2689440	2689440	2689574	-	4	135	ATG	TAA	0	0	
mORF_-_2689529	2689529	2689570	-	6	42	GTG	TGA	0	0	
mORF_-_2689537	2689537	2689593	-	5	57	GTG	TAA	0	0	
mORF_-_2689584	2689584	2689778	-	4	195	GTG	TAA	0	0	
mORF_-_2689618	2689618	2689665	-	5	48	TTG	TAA	0	0	
mORF_-_2689637	2689637	2689648	-	6	12	ATG	TAA	0	0	
mORF_-_2689678	2689678	2693565	-	5	3888	ATG	TAA	207	2222	pORF_-_2689678
mORF_-_2689691	2689691	2689720	-	6	30	ATG	TAA	0	0	
mORF_-_2689794	2689794	2689991	-	4	198	TTG	TGA	0	0	
mORF_-_2690043	2690043	2690114	-	4	72	GTG	TAA	0	0	
mORF_-_2690069	2690069	2690107	-	6	39	GTG	TGA	0	0	
mORF_-_2690124	2690124	2690132	-	4	9	GTG	TGA	0	0	
mORF_-_2690138	2690138	2690155	-	6	18	TTG	TAA	0	0	
mORF_-_2690145	2690145	2690291	-	4	147	GTG	TGA	0	0	
mORF_-_2690159	2690159	2690164	-	6	6	ATG	TAA	0	0	
mORF_-_2690225	2690225	2690251	-	6	27	TTG	TGA	0	0	
mORF_-_2690273	2690273	2690296	-	6	24	GTG	TGA	0	0	
mORF_-_2690337	2690337	2690348	-	4	12	GTG	TGA	0	0	
mORF_-_2690349	2690349	2690408	-	4	60	ATG	TGA	0	0	
mORF_-_2690415	2690415	2690483	-	4	69	ATG	TGA	0	0	
mORF_-_2690508	2690508	2690513	-	4	6	ATG	TAA	0	0	
mORF_-_2690514	2690514	2690621	-	4	108	GTG	TGA	0	0	
mORF_-_2690534	2690534	2690566	-	6	33	GTG	TAA	0	0	
mORF_-_2690576	2690576	2690614	-	6	39	GTG	TGA	0	0	
mORF_-_2690670	2690670	2690684	-	4	15	GTG	TGA	0	0	
mORF_-_2690681	2690681	2690716	-	6	36	TTG	TGA	0	0	
mORF_-_2690700	2690700	2690771	-	4	72	GTG	TAG	0	0	
mORF_-_2690781	2690781	2690870	-	4	90	TTG	TGA	0	0	
mORF_-_2690849	2690849	2690860	-	6	12	TTG	TGA	0	0	
mORF_-_2690889	2690889	2690966	-	4	78	ATG	TAA	0	0	
mORF_-_2690976	2690976	2691080	-	4	105	TTG	TGA	0	0	
mORF_-_2691081	2691081	2691152	-	4	72	TTG	TGA	0	0	
mORF_-_2691239	2691239	2691274	-	6	36	TTG	TAA	0	0	
mORF_-_2691255	2691255	2691383	-	4	129	TTG	TGA	0	0	
mORF_-_2691405	2691405	2691491	-	4	87	GTG	TAA	0	0	
mORF_-_2691530	2691530	2691550	-	6	21	GTG	TAA	0	0	
mORF_-_2691585	2691585	2691602	-	4	18	TTG	TAA	0	0	
mORF_-_2691606	2691606	2691650	-	4	45	GTG	TGA	0	0	
mORF_-_2691654	2691654	2691683	-	4	30	GTG	TGA	0	0	
mORF_-_2691708	2691708	2691722	-	4	15	ATG	TGA	0	0	
mORF_-_2691729	2691729	2691836	-	4	108	TTG	TGA	0	0	
mORF_-_2691837	2691837	2691902	-	4	66	TTG	TGA	0	0	
mORF_-_2691863	2691863	2691868	-	6	6	GTG	TAA	0	0	
mORF_-_2691932	2691932	2691937	-	6	6	GTG	TAA	0	0	
mORF_-_2691972	2691972	2691992	-	4	21	TTG	TAA	0	0	
mORF_-_2692017	2692017	2692094	-	4	78	TTG	TGA	0	0	
mORF_-_2692088	2692088	2692105	-	6	18	TTG	TGA	0	0	
mORF_-_2692113	2692113	2692223	-	4	111	TTG	TGA	0	0	
mORF_-_2692233	2692233	2692268	-	4	36	GTG	TGA	0	0	
mORF_-_2692377	2692377	2692391	-	4	15	ATG	TGA	0	0	

mORF_-_2692410	2692410	2692427	-	4	18	TTG	TGA	0	0
mORF_-_2692467	2692467	2692625	-	4	159	GTG	TGA	0	0
mORF_-_2692502	2692502	2692522	-	6	21	GTG	TAA	0	0
mORF_-_2692622	2692622	2692654	-	6	33	GTG	TGA	0	0
mORF_-_2692695	2692695	2692751	-	4	57	TTG	TGA	0	0
mORF_-_2692845	2692845	2693033	-	4	189	TTG	TGA	0	0
mORF_-_2693052	2693052	2693135	-	4	84	ATG	TGA	0	0
mORF_-_2693136	2693136	2693144	-	4	9	TTG	TAG	0	0
mORF_-_2693160	2693160	2693204	-	4	45	ATG	TGA	0	0
mORF_-_2693177	2693177	2693197	-	6	21	ATG	TGA	0	0
mORF_-_2693223	2693223	2693249	-	4	27	TTG	TAG	0	0
mORF_-_2693256	2693256	2693285	-	4	30	TTG	TAA	0	0
mORF_-_2693334	2693334	2693384	-	4	51	ATG	TGA	0	0
mORF_-_2693388	2693388	2693420	-	4	33	ATG	TGA	0	0
mORF_-_2693424	2693424	2693549	-	4	126	GTG	TAA	0	0
mORF_-_2693441	2693441	2693674	-	6	234	ATG	TGA	0	0
mORF_-_2693580	2693580	2693720	-	4	141	ATG	TAG	0	0
mORF_-_2693668	2693668	2693751	-	5	84	ATG	TGA	0	0
mORF_-_2693732	2693732	2693770	-	6	39	GTG	TAA	0	0
mORF_-_2693748	2693748	2693789	-	4	42	TTG	TGA	0	0
mORF_-_2693776	2693776	2693808	-	5	33	GTG	TAA	0	0
mORF_-_2693786	2693786	2693803	-	6	18	GTG	TGA	0	0
mORF_-_2693832	2693832	2693975	-	4	144	ATG	TAA	0	0
mORF_-_2693843	2693843	2693938	-	6	96	ATG	TAA	0	0
mORF_-_2693851	2693851	2693895	-	5	45	ATG	TGA	0	0
mORF_-_2693939	2693939	2693971	-	6	33	ATG	TGA	0	0
mORF_-_2693987	2693987	2694001	-	6	15	TTG	TAA	0	0
mORF_-_2694190	2694190	2694246	-	5	57	GTG	TAG	0	0
mORF_-_2694207	2694207	2694296	-	4	90	ATG	TGA	0	0
mORF_-_2694233	2694233	2694280	-	6	48	GTG	TGA	0	0
mORF_-_2694277	2694277	2694288	-	5	12	GTG	TGA	0	0
mORF_-_2694293	2694293	2694400	-	6	108	ATG	TGA	0	0
mORF_-_2694304	2694304	2694333	-	5	30	TTG	TAA	0	0
mORF_-_2694384	2694384	2694503	-	4	120	TTG	TAA	0	0
mORF_-_2694416	2694416	2694442	-	6	27	ATG	TAA	0	0
mORF_-_2694461	2694461	2694604	-	6	144	ATG	TGA	0	0
mORF_-_2694525	2694525	2694626	-	4	102	ATG	TAA	0	0
mORF_-_2694568	2694568	2694660	-	5	93	ATG	TGA	0	0
mORF_-_2694641	2694641	2694658	-	6	18	GTG	TAA	0	0
mORF_-_2694693	2694693	2694770	-	4	78	GTG	TAA	0	0
mORF_-_2694748	2694748	2694792	-	5	45	GTG	TAG	0	0
mORF_-_2694758	2694758	2694880	-	6	123	ATG	TGA	0	0
mORF_-_2694819	2694819	2694992	-	4	174	ATG	TAA	0	0
mORF_-_2694880	2694880	2695020	-	5	141	TTG	TGA	0	0
mORF_-_2694896	2694896	2694976	-	6	81	TTG	TAA	0	0
mORF_-_2694983	2694983	2695027	-	6	45	TTG	TAG	0	0
mORF_-_2695071	2695071	2695226	-	4	156	TTG	TAA	0	0
mORF_-_2695091	2695091	2695099	-	6	9	TTG	TAA	0	0
mORF_-_2695238	2695238	2695270	-	6	33	TTG	TAA	0	0
mORF_-_2695255	2695255	2695464	-	5	210	ATG	TAG	0	0
mORF_-_2695311	2695311	2695373	-	4	63	TTG	TGA	0	0
mORF_-_2695376	2695376	2695912	-	6	537	ATG	TAA	0	0
mORF_-_2695440	2695440	2695460	-	4	21	GTG	TGA	0	0
mORF_-_2695501	2695501	2695524	-	5	24	ATG	TGA	0	0
mORF_-_2695528	2695528	2695584	-	5	57	TTG	TAA	0	0
mORF_-_2695557	2695557	2695622	-	4	66	ATG	TGA	0	0
mORF_-_2695597	2695597	2695611	-	5	15	GTG	TGA	0	0
mORF_-_2695615	2695615	2695638	-	5	24	ATG	TAA	0	0
mORF_-_2695672	2695672	2695734	-	5	63	TTG	TGA	0	0
mORF_-_2695777	2695777	2695818	-	5	42	GTG	TAG	0	0
mORF_-_2695872	2695872	2695919	-	4	48	GTG	TGA	0	0
mORF_-_2695912	2695912	2695959	-	5	48	GTG	TAA	0	0
mORF_-_2695937	2695937	2696572	-	6	636	TTG	TAG	0	0

mORF_-_2695956	2695956	2695979	-	4	24	TTG	TGA	0	0	
mORF_-_2695969	2695969	2696088	-	5	120	ATG	TAA	0	0	
mORF_-_2696085	2696085	2696117	-	4	33	TTG	TGA	0	0	
mORF_-_2696107	2696107	2696196	-	5	90	TTG	TGA	0	0	
mORF_-_2696221	2696221	2696238	-	5	18	ATG	TGA	0	0	
mORF_-_2696232	2696232	2696372	-	4	141	GTG	TGA	0	0	
mORF_-_2696260	2696260	2696358	-	5	99	TTG	TAA	0	0	
mORF_-_2696383	2696383	2696403	-	5	21	GTG	TGA	0	0	
mORF_-_2696413	2696413	2696424	-	5	12	TTG	TGA	0	0	
mORF_-_2696428	2696428	2696463	-	5	36	ATG	TAG	0	0	
mORF_-_2696464	2696464	2696532	-	5	69	ATG	TGA	0	0	
mORF_-_2696533	2696533	2696670	-	5	138	ATG	TAG	0	0	
mORF_-_2696538	2696538	2696597	-	4	60	ATG	TGA	0	0	
mORF_-_2696616	2696616	2696621	-	4	6	ATG	TAG	0	0	
mORF_-_2696640	2696640	2696657	-	4	18	TTG	TGA	0	0	
mORF_-_2696686	2696686	2696709	-	5	24	TTG	TAA	0	0	
mORF_-_2696691	2696691	2696699	-	4	9	TTG	TGA	0	0	
mORF_-_2696700	2696700	2696759	-	4	60	GTG	TAA	0	0	
mORF_-_2696759	2696759	2696767	-	6	9	ATG	TAG	0	0	
mORF_-_2696859	2696859	2696882	-	4	24	ATG	TAG	0	0	
mORF_-_2696883	2696883	2696948	-	4	66	TTG	TAA	0	0	
mORF_-_2696891	2696891	2696905	-	4	15	TTG	TGA	0	0	
mORF_-_2696957	2696957	2697034	-	6	78	ATG	TAG	0	0	
mORF_-_2696977	2696977	2697021	-	5	45	GTG	TAA	0	0	
mORF_-_2697018	2697018	2697044	-	4	27	TTG	TGA	0	0	
mORF_-_2697035	2697035	2697337	-	6	303	ATG	TGA	0	0	
mORF_-_2697106	2697106	2697117	-	5	12	TTG	TAG	0	0	
mORF_-_2697120	2697120	2697284	-	4	165	ATG	TAG	0	0	
mORF_-_2697127	2697127	2697162	-	5	36	TTG	TAA	0	0	
mORF_-_2697256	2697256	2697297	-	5	42	TTG	TGA	0	0	
mORF_-_2697341	2697341	2697346	-	6	6	GTG	TAG	0	0	
mORF_-_2697363	2697363	2697485	-	4	123	TTG	TAA	0	0	
mORF_-_2697424	2697424	2697504	-	5	81	TTG	TAA	0	0	
mORF_-_2697455	2697455	2697472	-	6	18	ATG	TGA	0	0	
mORF_-_2697501	2697501	2697518	-	4	18	GTG	TGA	0	0	
mORF_-_2697521	2697521	2697550	-	6	30	ATG	TGA	0	0	
mORF_-_2697531	2697531	2697716	-	4	186	TTG	TAA	0	0	
mORF_-_2697547	2697547	2697582	-	5	36	GTG	TGA	0	0	
mORF_-_2697713	2697713	2697760	-	6	48	TTG	TGA	0	0	
mORF_-_2697757	2697757	2697930	-	5	174	GTG	TGA	0	0	
mORF_-_2697782	2697782	2697829	-	6	48	TTG	TAA	0	0	
mORF_-_2697816	2697816	2697857	-	4	42	TTG	TAG	0	0	
mORF_-_2697950	2697950	2698000	-	6	51	ATG	TAG	0	0	
mORF_-_2698006	2698006	2698035	-	5	30	ATG	TAA	0	0	
mORF_-_2698010	2698010	2698039	-	6	30	GTG	TAA	0	0	
mORF_-_2698039	2698039	2698071	-	5	33	GTG	TAG	0	0	
mORF_-_2698044	2698044	2698118	-	4	75	GTG	TAA	0	0	
mORF_-_2698139	2698139	2698237	-	6	99	TTG	TAA	0	0	
mORF_-_2698156	2698156	2698173	-	5	18	TTG	TGA	0	0	
mORF_-_2698194	2698194	2698211	-	4	18	TTG	TAA	0	0	
mORF_-_2698216	2698216	2698380	-	5	165	GTG	TGA	0	0	
mORF_-_2698230	2698230	2698250	-	4	21	ATG	TAA	0	0	
mORF_-_2698256	2698256	2698276	-	6	21	TTG	TAA	0	0	
mORF_-_2698263	2698263	2698406	-	4	144	TTG	TAA	0	0	
mORF_-_2698292	2698292	2698318	-	6	27	GTG	TAA	0	0	
mORF_-_2698418	2698418	2698435	-	6	18	GTG	TAA	0	0	
mORF_-_2698432	2698432	2698563	-	5	132	TTG	TGA	0	0	
mORF_-_2698482	2698482	2698523	-	4	42	GTG	TAA	0	0	
mORF_-_2698487	2698487	2698561	-	6	75	GTG	TAG	0	0	
mORF_-_2698612	2698612	2698650	-	5	39	TTG	TAA	0	0	
mORF_-_2698640	2698640	2699020	-	6	381	ATG	TAA	1	13	pORF_-_2698640
mORF_-_2698647	2698647	2698667	-	4	21	TTG	TGA	0	0	
mORF_-_2698654	2698654	2698683	-	5	30	ATG	TAA	0	0	

mORF_-_2698680	2698680	2698748	-	4	69	ATG	TGA	0	0	
mORF_-_2698693	2698693	2698710	-	5	18	TTG	TAA	0	0	
mORF_-_2698732	2698732	2698830	-	5	99	TTG	TAA	0	0	
mORF_-_2698797	2698797	2698913	-	4	117	ATG	TAA	0	0	
mORF_-_2698852	2698852	2698860	-	5	9	TTG	TGA	0	0	
mORF_-_2698924	2698924	2698950	-	5	27	GTG	TAA	0	0	
mORF_-_2698947	2698947	2699027	-	4	81	GTG	TGA	0	0	
mORF_-_2698963	2698963	2698992	-	5	30	TTG	TGA	0	0	
mORF_-_2699020	2699020	2699766	-	5	747	ATG	TAA	38	817	pORF_-_2699020
mORF_-_2699049	2699049	2699066	-	4	18	ATG	TGA	0	0	
mORF_-_2699082	2699082	2699105	-	4	24	ATG	TGA	0	0	
mORF_-_2699115	2699115	2699144	-	4	30	TTG	TGA	0	0	
mORF_-_2699190	2699190	2699429	-	4	240	ATG	TGA	2	46	pORF_-_2699190
mORF_-_2699270	2699270	2699281	-	6	12	TTG	TGA	0	0	
mORF_-_2699411	2699411	2699482	-	6	72	TTG	TGA	0	0	
mORF_-_2699448	2699448	2699501	-	4	54	TTG	TAA	0	0	
mORF_-_2699544	2699544	2699723	-	4	180	TTG	TGA	0	0	
mORF_-_2699733	2699733	2699756	-	4	24	TTG	TAG	0	0	
mORF_-_2699744	2699744	2699770	-	6	27	ATG	TGA	0	0	
mORF_-_2699763	2699763	2700491	-	4	729	ATG	TGA	0	0	
mORF_-_2699825	2699825	2699842	-	6	18	TTG	TAA	0	0	
mORF_-_2700005	2700005	2700016	-	6	12	ATG	TGA	0	0	
mORF_-_2700017	2700017	2700133	-	6	117	TTG	TAG	0	0	
mORF_-_2700031	2700031	2700042	-	5	12	TTG	TAG	0	0	
mORF_-_2700248	2700248	2700349	-	6	102	GTG	TAA	0	0	
mORF_-_2700353	2700353	2700388	-	6	36	TTG	TGA	0	0	
mORF_-_2700367	2700367	2700450	-	5	84	GTG	TAA	0	0	
mORF_-_2700431	2700431	2700469	-	6	39	TTG	TGA	0	0	
mORF_-_2700457	2700457	2700516	-	5	60	TTG	TAG	0	0	
mORF_-_2700503	2700503	2701408	-	6	906	ATG	TAA	12	72	pORF_-_2700503
mORF_-_2700513	2700513	2700578	-	4	66	GTG	TGA	0	0	
mORF_-_2700571	2700571	2700699	-	5	129	TTG	TAA	0	0	
mORF_-_2700706	2700706	2700729	-	5	24	GTG	TGA	0	0	
mORF_-_2700802	2700802	2700927	-	5	126	ATG	TGA	0	0	
mORF_-_2701051	2701051	2701128	-	5	78	TTG	TAA	0	0	
mORF_-_2701132	2701132	2701152	-	5	21	TTG	TGA	0	0	
mORF_-_2701177	2701177	2701269	-	5	93	TTG	TGA	0	0	
mORF_-_2701333	2701333	2701377	-	5	45	TTG	TGA	0	0	
mORF_-_2701405	2701405	2702085	-	5	681	ATG	TGA	27	264	pORF_-_2701405
mORF_-_2701425	2701425	2701493	-	4	69	GTG	TGA	0	0	
mORF_-_2701494	2701494	2701547	-	4	54	GTG	TGA	0	0	
mORF_-_2701680	2701680	2701727	-	4	48	TTG	TAA	0	0	
mORF_-_2701728	2701728	2701790	-	4	63	GTG	TAA	0	0	
mORF_-_2701787	2701787	2701810	-	6	24	GTG	TGA	0	0	
mORF_-_2701815	2701815	2701856	-	4	42	GTG	TAG	0	0	
mORF_-_2701881	2701881	2701925	-	4	45	ATG	TGA	0	0	
mORF_-_2701965	2701965	2701994	-	4	30	GTG	TAG	0	0	
mORF_-_2702066	2702066	2702095	-	6	30	TTG	TAA	0	0	
mORF_-_2702082	2702082	2702144	-	4	63	ATG	TGA	0	0	
mORF_-_2702108	2702108	2702122	-	6	15	GTG	TGA	0	0	
mORF_-_2702116	2702116	2702124	-	5	9	GTG	TGA	0	0	
mORF_-_2702152	2702152	2702220	-	5	69	TTG	TAG	0	0	
mORF_-_2702172	2702172	2702264	-	4	93	GTG	TGA	0	0	
mORF_-_2702177	2702177	2702197	-	6	21	TTG	TAA	0	0	
mORF_-_2702237	2702237	2702266	-	6	30	TTG	TAA	0	0	
mORF_-_2702257	2702257	2702289	-	5	33	GTG	TAG	0	0	
mORF_-_2702297	2702297	2702338	-	6	42	TTG	TAA	0	0	
mORF_-_2702302	2702302	2702373	-	5	72	TTG	TGA	0	0	
mORF_-_2702313	2702313	2702402	-	4	90	ATG	TGA	0	0	
mORF_-_2702357	2702357	2703331	-	6	975	ATG	TAA	17	70	pORF_-_2702357
mORF_-_2702425	2702425	2702472	-	5	48	TTG	TGA	0	0	
mORF_-_2702518	2702518	2702604	-	5	87	TTG	TGA	0	0	
mORF_-_2702629	2702629	2702802	-	5	174	GTG	TGA	0	0	

mORF_-_2702799	2702799	2702822	-	4	24	ATG	TGA	0	0	
mORF_-_2702836	2702836	2702907	-	5	72	TTG	TGA	0	0	
mORF_-_2702971	2702971	2703012	-	5	42	TTG	TGA	0	0	
mORF_-_2703019	2703019	2703039	-	5	21	TTG	TAG	0	0	
mORF_-_2703055	2703055	2703105	-	5	51	TTG	TGA	0	0	
mORF_-_2703106	2703106	2703171	-	5	66	TTG	TGA	0	0	
mORF_-_2703261	2703261	2703275	-	4	15	ATG	TAA	0	0	
mORF_-_2703286	2703286	2703300	-	5	15	TTG	TGA	0	0	
mORF_-_2703310	2703310	2703336	-	5	27	TTG	TGA	0	0	
mORF_-_2703347	2703347	2705146	-	6	1800	ATG	TAA	64	408	pORF_-_2703347
mORF_-_2703421	2703421	2703486	-	5	66	ATG	TGA	0	0	
mORF_-_2703465	2703465	2703491	-	4	27	ATG	TAA	0	0	
mORF_-_2703520	2703520	2703576	-	5	57	TTG	TGA	0	0	
mORF_-_2703601	2703601	2703645	-	5	45	GTG	TGA	0	0	
mORF_-_2703655	2703655	2703681	-	5	27	GTG	TGA	0	0	
mORF_-_2703697	2703697	2703759	-	5	63	GTG	TAG	0	0	
mORF_-_2703837	2703837	2703932	-	4	96	GTG	TAA	0	0	
mORF_-_2703877	2703877	2703939	-	5	63	TTG	TAG	0	0	
mORF_-_2703967	2703967	2704032	-	5	66	ATG	TAA	0	0	
mORF_-_2704057	2704057	2704185	-	5	129	ATG	TGA	0	0	
mORF_-_2704189	2704189	2704227	-	5	39	ATG	TGA	0	0	
mORF_-_2704324	2704324	2704368	-	5	45	GTG	TAA	0	0	
mORF_-_2704359	2704359	2704394	-	4	36	ATG	TAA	0	0	
mORF_-_2704381	2704381	2704392	-	5	12	GTG	TAG	0	0	
mORF_-_2704396	2704396	2704413	-	5	18	TTG	TGA	0	0	
mORF_-_2704477	2704477	2704530	-	5	54	TTG	TGA	0	0	
mORF_-_2704509	2704509	2704553	-	4	45	ATG	TAA	0	0	
mORF_-_2704564	2704564	2704749	-	5	186	TTG	TAA	0	0	
mORF_-_2704756	2704756	2704770	-	5	15	TTG	TGA	0	0	
mORF_-_2704822	2704822	2704890	-	5	69	ATG	TAG	0	0	
mORF_-_2704969	2704969	2705109	-	5	141	TTG	TGA	0	0	
mORF_-_2705143	2705143	2705322	-	5	180	TTG	TGA	0	0	
mORF_-_2705222	2705222	2705239	-	6	18	ATG	TAA	0	0	
mORF_-_2705241	2705241	2705246	-	4	6	GTG	TAG	0	0	
mORF_-_2705246	2705246	2705311	-	6	66	ATG	TAG	0	0	
mORF_-_2705271	2705271	2705384	-	4	114	TTG	TGA	0	0	
mORF_-_2705315	2705315	2705347	-	6	33	GTG	TAA	0	0	
mORF_-_2705344	2705344	2705823	-	5	480	ATG	TGA	0	0	
mORF_-_2705372	2705372	2705425	-	6	54	ATG	TGA	0	0	
mORF_-_2705406	2705406	2705465	-	4	60	TTG	TAA	0	0	
mORF_-_2705444	2705444	2705503	-	6	60	ATG	TAA	0	0	
mORF_-_2705466	2705466	2705525	-	4	60	TTG	TGA	0	0	
mORF_-_2705646	2705646	2705696	-	4	51	TTG	TAG	0	0	
mORF_-_2705703	2705703	2705765	-	4	63	GTG	TAA	0	0	
mORF_-_2705714	2705714	2705749	-	6	36	ATG	TAG	0	0	
mORF_-_2705762	2705762	2705911	-	6	150	GTG	TGA	0	0	
mORF_-_2705820	2705820	2706776	-	4	957	ATG	TGA	17	59	pORF_-_2705820
mORF_-_2705987	2705987	2706133	-	6	147	GTG	TAA	0	0	
mORF_-_2706134	2706134	2706220	-	6	87	TTG	TAG	0	0	
mORF_-_2706221	2706221	2706616	-	6	396	GTG	TGA	0	0	
mORF_-_2706265	2706265	2706357	-	5	93	TTG	TGA	0	0	
mORF_-_2706736	2706736	2706765	-	5	30	TTG	TAG	0	0	
mORF_-_2706746	2706746	2706760	-	6	15	TTG	TAG	0	0	
mORF_-_2706776	2706776	2707462	-	6	687	TTG	TAA	4	11	pORF_-_2706776
mORF_-_2706793	2706793	2706948	-	5	156	ATG	TAG	0	0	
mORF_-_2707003	2707003	2707092	-	5	90	TTG	TGA	0	0	
mORF_-_2707062	2707062	2707175	-	4	114	ATG	TAA	0	0	
mORF_-_2707204	2707204	2707239	-	5	36	TTG	TGA	0	0	
mORF_-_2707249	2707249	2707308	-	5	60	GTG	TGA	0	0	
mORF_-_2707312	2707312	2707395	-	5	84	ATG	TAA	0	0	
mORF_-_2707377	2707377	2707493	-	4	117	TTG	TAG	0	0	
mORF_-_2707459	2707459	2708067	-	5	609	GTG	TGA	5	10	pORF_-_2707459
mORF_-_2707490	2707490	2707543	-	6	54	TTG	TGA	0	0	

mORF_-_2707557	2707557	2707568	-	4	12	ATG	TAG	0	0
mORF_-_2707572	2707572	2707580	-	4	9	ATG	TGA	0	0
mORF_-_2707596	2707596	2707631	-	4	36	TTG	TAA	0	0
mORF_-_2707698	2707698	2707775	-	4	78	TTG	TGA	0	0
mORF_-_2707745	2707745	2707819	-	6	75	ATG	TGA	0	0
mORF_-_2707797	2707797	2707916	-	4	120	ATG	TAA	0	0
mORF_-_2707956	2707956	2708003	-	4	48	TTG	TAG	0	0
mORF_-_2708000	2708000	2708059	-	6	60	TTG	TGA	0	0
mORF_-_2708031	2708031	2708186	-	4	156	ATG	TGA	0	0
mORF_-_2708071	2708071	2708112	-	5	42	TTG	TAG	0	0
mORF_-_2708117	2708117	2708170	-	6	54	ATG	TAA	0	0
mORF_-_2708167	2708167	2708220	-	5	54	ATG	TGA	0	0
mORF_-_2708196	2708196	2708246	-	4	51	ATG	TAA	0	0
mORF_-_2708247	2708247	2708270	-	4	24	TTG	TAA	0	0
mORF_-_2708279	2708279	2708290	-	6	12	GTG	TAA	0	0
mORF_-_2708291	2708291	2708362	-	6	72	TTG	TAG	0	0
mORF_-_2708347	2708347	2708391	-	5	45	GTG	TAA	0	0
mORF_-_2708366	2708366	2708413	-	6	48	TTG	TAA	0	0
mORF_-_2708382	2708382	2708396	-	4	15	ATG	TAA	0	0
mORF_-_2708401	2708401	2708466	-	5	66	ATG	TAG	0	0
mORF_-_2708421	2708421	2708462	-	4	42	ATG	TAA	0	0
mORF_-_2708479	2708479	2708508	-	5	30	GTG	TAA	0	0
mORF_-_2708514	2708514	2708534	-	4	21	ATG	TAG	0	0
mORF_-_2708534	2708534	2708542	-	6	9	ATG	TGA	0	0
mORF_-_2708539	2708539	2709051	-	5	513	TTG	TGA	0	0
mORF_-_2708574	2708574	2708726	-	4	153	TTG	TGA	0	0
mORF_-_2708582	2708582	2708764	-	6	183	ATG	TAA	0	0
mORF_-_2708730	2708730	2709173	-	4	444	GTG	TAG	0	0
mORF_-_2708831	2708831	2708968	-	6	138	GTG	TGA	0	0
mORF_-_2709074	2709074	2709151	-	6	78	TTG	TGA	0	0
mORF_-_2709175	2709175	2709225	-	5	51	GTG	TAG	0	0
mORF_-_2709183	2709183	2709191	-	4	9	GTG	TAG	0	0
mORF_-_2709188	2709188	2709205	-	6	18	TTG	TGA	0	0
mORF_-_2709213	2709213	2709527	-	4	315	ATG	TAA	0	0
mORF_-_2709242	2709242	2709331	-	6	90	ATG	TAA	0	0
mORF_-_2709425	2709425	2709460	-	6	36	GTG	TAA	0	0
mORF_-_2709457	2709457	2709492	-	5	36	GTG	TGA	0	0
mORF_-_2709524	2709524	2709559	-	6	36	ATG	TGA	0	0
mORF_-_2709572	2709572	2709601	-	6	30	ATG	TAA	0	0
mORF_-_2709582	2709582	2709587	-	4	6	GTG	TAA	0	0
mORF_-_2709592	2709592	2709615	-	5	24	ATG	TAG	0	0
mORF_-_2709612	2709612	2709683	-	4	72	GTG	TGA	0	0
mORF_-_2709632	2709632	2709661	-	6	30	GTG	TAG	0	0
mORF_-_2709674	2709674	2709688	-	6	15	ATG	TAA	0	0
mORF_-_2709696	2709696	2709764	-	4	69	GTG	TAA	0	0
mORF_-_2709768	2709768	2709881	-	4	114	ATG	TAG	0	0
mORF_-_2709778	2709778	2709954	-	5	177	TTG	TAA	0	0
mORF_-_2709788	2709788	2709847	-	6	60	ATG	TAA	0	0
mORF_-_2709872	2709872	2709988	-	6	117	GTG	TAA	0	0
mORF_-_2709891	2709891	2710049	-	4	159	ATG	TGA	0	0
mORF_-_2709995	2709995	2710045	-	6	51	TTG	TAA	0	0
mORF_-_2710049	2710049	2710906	-	6	858	GTG	TAA	0	0
mORF_-_2710075	2710075	2710116	-	5	42	GTG	TGA	0	0
mORF_-_2710123	2710123	2710209	-	5	87	ATG	TAG	0	0
mORF_-_2710134	2710134	2710142	-	4	9	ATG	TAG	0	0
mORF_-_2710240	2710240	2710269	-	5	30	TTG	TAA	0	0
mORF_-_2710263	2710263	2710316	-	4	54	GTG	TAA	0	0
mORF_-_2710285	2710285	2710326	-	5	42	GTG	TAG	0	0
mORF_-_2710330	2710330	2710350	-	5	21	TTG	TGA	0	0
mORF_-_2710347	2710347	2710394	-	4	48	GTG	TGA	0	0
mORF_-_2710422	2710422	2710466	-	4	45	GTG	TAA	0	0
mORF_-_2710432	2710432	2710572	-	5	141	TTG	TAA	0	0
mORF_-_2710491	2710491	2710508	-	4	18	GTG	TAA	0	0

mORF_-_2710576	2710576	2710587	-	5	12	ATG	TGA	0	0	
mORF_-_2710606	2710606	2710641	-	5	36	TTG	TAA	0	0	
mORF_-_2710638	2710638	2710673	-	4	36	ATG	TGA	0	0	
mORF_-_2710651	2710651	2710692	-	5	42	ATG	TAA	0	0	
mORF_-_2710705	2710705	2711640	-	5	936	ATG	TGA	0	0	
mORF_-_2710755	2710755	2710856	-	4	102	ATG	TAA	0	0	
mORF_-_2710893	2710893	2711006	-	4	114	ATG	TGA	0	0	
mORF_-_2711007	2711007	2711165	-	4	159	GTG	TGA	0	0	
mORF_-_2711162	2711162	2711170	-	6	9	TTG	TGA	0	0	
mORF_-_2711199	2711199	2711249	-	4	51	GTG	TGA	0	0	
mORF_-_2711285	2711285	2711713	-	6	429	TTG	TGA	0	0	
mORF_-_2711295	2711295	2711339	-	4	45	ATG	TGA	0	0	
mORF_-_2711505	2711505	2711576	-	4	72	TTG	TGA	0	0	
mORF_-_2711595	2711595	2711741	-	4	147	TTG	TAA	0	0	
mORF_-_2711668	2711668	2711988	-	5	321	ATG	TGA	1	2	pORF_-_2711668
mORF_-_2711745	2711745	2711858	-	4	114	ATG	TAG	0	0	
mORF_-_2711789	2711789	2711830	-	6	42	TTG	TGA	0	0	
mORF_-_2711879	2711879	2712028	-	6	150	TTG	TAA	0	0	
mORF_-_2711910	2711910	2711957	-	4	48	GTG	TAA	0	0	
mORF_-_2712012	2712012	2712188	-	4	177	TTG	TAG	0	0	
mORF_-_2712041	2712041	2712100	-	6	60	ATG	TAA	0	0	
mORF_-_2712052	2712052	2712417	-	5	366	GTG	TAA	0	0	
mORF_-_2712140	2712140	2712397	-	6	258	ATG	TAG	0	0	
mORF_-_2712339	2712339	2712362	-	4	24	GTG	TGA	0	0	
mORF_-_2712387	2712387	2712455	-	4	69	ATG	TGA	0	0	
mORF_-_2712430	2712430	2712588	-	5	159	TTG	TAA	0	0	
mORF_-_2712461	2712461	2713387	-	6	927	ATG	TAA	0	0	
mORF_-_2712483	2712483	2712491	-	4	9	GTG	TGA	0	0	
mORF_-_2712516	2712516	2712545	-	4	30	GTG	TAG	0	0	
mORF_-_2712585	2712585	2712665	-	4	81	TTG	TGA	0	0	
mORF_-_2712589	2712589	2712663	-	5	75	GTG	TAA	0	0	
mORF_-_2712685	2712685	2712864	-	5	180	GTG	TAA	0	0	
mORF_-_2712738	2712738	2712761	-	4	24	ATG	TGA	0	0	
mORF_-_2712880	2712880	2712894	-	5	15	ATG	TGA	0	0	
mORF_-_2712898	2712898	2712933	-	5	36	ATG	TAG	0	0	
mORF_-_2712934	2712934	2712948	-	5	15	GTG	TGA	0	0	
mORF_-_2712964	2712964	2713107	-	5	144	GTG	TGA	0	0	
mORF_-_2713120	2713120	2713227	-	5	108	TTG	TGA	0	0	
mORF_-_2713134	2713134	2713178	-	4	45	GTG	TGA	0	0	
mORF_-_2713224	2713224	2713268	-	4	45	GTG	TGA	0	0	
mORF_-_2713246	2713246	2713350	-	5	105	TTG	TGA	0	0	
mORF_-_2713371	2713371	2713451	-	4	81	GTG	TAG	0	0	
mORF_-_2713421	2713421	2713444	-	6	24	TTG	TAG	0	0	
mORF_-_2713460	2713460	2713558	-	6	99	TTG	TAA	0	0	
mORF_-_2713477	2713477	2713515	-	5	39	TTG	TAA	0	0	
mORF_-_2713536	2713536	2713757	-	4	222	TTG	TAG	0	0	
mORF_-_2713555	2713555	2713719	-	5	165	GTG	TGA	0	0	
mORF_-_2713631	2713631	2713849	-	6	219	TTG	TGA	0	0	
mORF_-_2713744	2713744	2713914	-	5	171	TTG	TGA	0	0	
mORF_-_2713818	2713818	2713853	-	4	36	GTG	TAA	0	0	
mORF_-_2713859	2713859	2713939	-	6	81	ATG	TAA	0	0	
mORF_-_2714005	2714005	2714022	-	5	18	ATG	TAG	0	0	
mORF_-_2714088	2714088	2714489	-	4	402	TTG	TAA	60	2018	pORF_-_2714088
mORF_-_2714141	2714141	2714176	-	6	36	GTG	TGA	0	0	
mORF_-_2714183	2714183	2714218	-	6	36	ATG	TGA	0	0	
mORF_-_2714252	2714252	2714272	-	6	21	TTG	TGA	0	0	
mORF_-_2714294	2714294	2714323	-	6	30	GTG	TAG	0	0	
mORF_-_2714333	2714333	2714374	-	6	42	TTG	TAA	0	0	
mORF_-_2714347	2714347	2714382	-	5	36	TTG	TGA	0	0	
mORF_-_2714446	2714446	2714568	-	5	123	GTG	TAA	0	0	
mORF_-_2714505	2714505	2714564	-	4	60	TTG	TGA	0	0	
mORF_-_2714561	2714561	2714602	-	4	42	GTG	TGA	0	0	
mORF_-_2714584	2714584	2714604	-	5	21	GTG	TAA	0	0	

mORF_-_2714589	2714589	2714621	-	4	33	TTG	TGA	0	0	
mORF_-_2714637	2714637	2714645	-	4	9	TTG	TAA	0	0	
mORF_-_2714642	2714642	2714671	-	6	30	TTG	TGA	0	0	
mORF_-_2714665	2714665	2714688	-	5	24	GTG	TAA	0	0	
mORF_-_2714673	2714673	2714678	-	4	6	ATG	TAA	0	0	
mORF_-_2714699	2714699	2714713	-	6	15	ATG	TAG	0	0	
mORF_-_2714788	2714788	2714994	-	5	207	ATG	TAA	0	0	
mORF_-_2714847	2714847	2714882	-	4	36	GTG	TGA	0	0	
mORF_-_2714882	2714882	2714896	-	6	15	GTG	TAG	0	0	
mORF_-_2714942	2714942	2715040	-	6	99	ATG	TAA	0	0	
mORF_-_2714973	2714973	2715086	-	4	114	GTG	TGA	0	0	
mORF_-_2715040	2715040	2715099	-	5	60	ATG	TAA	0	0	
mORF_-_2715123	2715123	2715143	-	4	21	TTG	TGA	0	0	
mORF_-_2715136	2715136	2715411	-	5	276	TTG	TAG	1	3	pORF_-_2715136
mORF_-_2715168	2715168	2715209	-	4	42	GTG	TGA	0	0	
mORF_-_2715296	2715296	2715544	-	6	249	TTG	TAA	0	0	
mORF_-_2715315	2715315	2715377	-	4	63	TTG	TGA	0	0	
mORF_-_2715396	2715396	2715500	-	4	105	GTG	TGA	0	0	
mORF_-_2715513	2715513	2716625	-	4	1113	TTG	TGA	36	252	pORF_-_2715513
mORF_-_2715520	2715520	2715537	-	5	18	ATG	TAA	0	0	
mORF_-_2715572	2715572	2715601	-	6	30	TTG	TGA	0	0	
mORF_-_2715605	2715605	2715652	-	6	48	ATG	TGA	0	0	
mORF_-_2715734	2715734	2715877	-	6	144	GTG	TAG	0	0	
mORF_-_2715908	2715908	2715916	-	6	9	GTG	TGA	0	0	
mORF_-_2715931	2715931	2715987	-	5	57	GTG	TAA	0	0	
mORF_-_2716006	2716006	2716029	-	5	24	TTG	TAA	0	0	
mORF_-_2716064	2716064	2716087	-	6	24	ATG	TGA	0	0	
mORF_-_2716129	2716129	2716206	-	5	78	ATG	TAA	0	0	
mORF_-_2716142	2716142	2716504	-	6	363	ATG	TAA	0	0	
mORF_-_2716318	2716318	2716362	-	5	45	GTG	TGA	0	0	
mORF_-_2716535	2716535	2716543	-	6	9	ATG	TGA	0	0	
mORF_-_2716540	2716540	2716743	-	5	204	ATG	TGA	0	0	
mORF_-_2716586	2716586	2716612	-	6	27	ATG	TAA	0	0	
mORF_-_2716644	2716644	2716709	-	4	66	ATG	TAG	0	0	
mORF_-_2716751	2716751	2716846	-	6	96	GTG	TAA	0	0	
mORF_-_2716780	2716780	2716797	-	5	18	ATG	TGA	0	0	
mORF_-_2716788	2716788	2716826	-	4	39	TTG	TGA	0	0	
mORF_-_2716843	2716843	2717097	-	5	255	TTG	TGA	0	0	
mORF_-_2716869	2716869	2716973	-	4	105	TTG	TAA	0	0	
mORF_-_2716913	2716913	2717221	-	6	309	TTG	TAG	0	0	
mORF_-_2717104	2717104	2717118	-	5	15	ATG	TGA	0	0	
mORF_-_2717121	2717121	2717465	-	4	345	ATG	TAA	0	0	
mORF_-_2717243	2717243	2717380	-	6	138	TTG	TAA	0	0	
mORF_-_2717269	2717269	2717340	-	5	72	TTG	TAA	0	0	
mORF_-_2717362	2717362	2717781	-	5	420	TTG	TAA	0	0	
mORF_-_2717381	2717381	2717437	-	6	57	TTG	TAA	0	0	
mORF_-_2717462	2717462	2717563	-	6	102	TTG	TGA	0	0	
mORF_-_2717556	2717556	2717720	-	4	165	ATG	TGA	0	0	
mORF_-_2717612	2717612	2717635	-	6	24	GTG	TGA	0	0	
mORF_-_2717717	2717717	2717809	-	6	93	GTG	TGA	0	0	
mORF_-_2717748	2717748	2717804	-	4	57	ATG	TAG	0	0	
mORF_-_2717848	2717848	2717904	-	5	57	ATG	TAA	0	0	
mORF_-_2717870	2717870	2717878	-	6	9	GTG	TAA	0	0	
mORF_-_2717880	2717880	2717918	-	4	39	GTG	TAG	0	0	
mORF_-_2717929	2717929	2717949	-	5	21	ATG	TAA	0	0	
mORF_-_2717946	2717946	2718011	-	4	66	TTG	TGA	0	0	
mORF_-_2717980	2717980	2718048	-	5	69	TTG	TGA	0	0	
mORF_-_2718058	2718058	2718462	-	5	405	ATG	TAA	0	0	
mORF_-_2718177	2718177	2718182	-	4	6	GTG	TAA	0	0	
mORF_-_2718197	2718197	2718325	-	6	129	ATG	TAA	0	0	
mORF_-_2718267	2718267	2718347	-	4	81	TTG	TAA	0	0	
mORF_-_2718359	2718359	2718478	-	6	120	TTG	TAA	0	0	
mORF_-_2718504	2718504	2718563	-	4	60	GTG	TAA	0	0	

mORF_-_2718553	2718553	2718585	-	5	33	ATG	TAG	0	0
mORF_-_2718592	2718592	2718714	-	5	123	GTG	TAG	0	0
mORF_-_2718605	2718605	2718820	-	6	216	ATG	TAA	0	0
mORF_-_2718672	2718672	2718698	-	4	27	GTG	TAA	0	0
mORF_-_2718708	2718708	2718737	-	4	30	ATG	TGA	0	0
mORF_-_2718751	2718751	2718915	-	5	165	TTG	TGA	0	0
mORF_-_2718855	2718855	2718980	-	4	126	TTG	TGA	0	0
mORF_-_2718926	2718926	2718973	-	6	48	ATG	TAG	0	0
mORF_-_2718998	2718998	2719126	-	6	129	TTG	TAG	0	0
mORF_-_2719080	2719080	2719217	-	4	138	GTG	TAA	0	0
mORF_-_2719130	2719130	2719210	-	6	81	TTG	TAA	0	0
mORF_-_2719150	2719150	2719164	-	5	15	TTG	TGA	0	0
mORF_-_2719223	2719223	2719318	-	6	96	TTG	TAA	0	0
mORF_-_2719249	2719249	2719275	-	5	27	GTG	TAG	0	0
mORF_-_2719309	2719309	2719359	-	5	51	TTG	TGA	0	0
mORF_-_2719319	2719319	2719813	-	6	495	TTG	TAG	0	0
mORF_-_2719432	2719432	2719494	-	5	63	GTG	TGA	0	0
mORF_-_2719470	2719470	2719565	-	4	96	GTG	TAG	0	0
mORF_-_2719579	2719579	2719590	-	5	12	ATG	TGA	0	0
mORF_-_2719594	2719594	2719611	-	5	18	TTG	TAA	0	0
mORF_-_2719635	2719635	2719667	-	4	33	GTG	TAG	0	0
mORF_-_2719720	2719720	2719773	-	5	54	ATG	TGA	0	0
mORF_-_2719770	2719770	2719826	-	4	57	GTG	TGA	0	0
mORF_-_2719810	2719810	2719842	-	5	33	ATG	TGA	0	0
mORF_-_2719867	2719867	2719959	-	5	93	TTG	TGA	0	0
mORF_-_2719875	2719875	2719916	-	4	42	ATG	TGA	0	0
mORF_-_2719907	2719907	2720266	-	6	360	ATG	TAG	0	0
mORF_-_2719999	2719999	2720046	-	5	48	GTG	TGA	0	0
mORF_-_2720043	2720043	2720186	-	4	144	GTG	TGA	0	0
mORF_-_2720191	2720191	2720217	-	5	27	TTG	TGA	0	0
mORF_-_2720236	2720236	2720283	-	5	48	ATG	TAG	0	0
mORF_-_2720259	2720259	2720288	-	4	30	GTG	TAA	0	0
mORF_-_2720273	2720273	2720341	-	6	69	TTG	TAA	0	0
mORF_-_2720338	2720338	2720430	-	5	93	TTG	TGA	0	0
mORF_-_2720453	2720453	2720488	-	6	36	GTG	TAA	0	0
mORF_-_2720485	2720485	2720553	-	5	69	TTG	TGA	0	0
mORF_-_2720492	2720492	2720497	-	6	6	TTG	TAG	0	0
mORF_-_2720511	2720511	2720522	-	4	12	TTG	TAA	0	0
mORF_-_2720601	2720601	2720660	-	4	60	GTG	TAA	0	0
mORF_-_2720630	2720630	2720758	-	6	129	TTG	TGA	0	0
mORF_-_2720680	2720680	2720724	-	5	45	TTG	TAA	0	0
mORF_-_2720691	2720691	2720705	-	4	15	ATG	TAA	0	0
mORF_-_2720721	2720721	2720744	-	4	24	GTG	TGA	0	0
mORF_-_2720755	2720755	2720796	-	5	42	TTG	TGA	0	0
mORF_-_2720778	2720778	2720804	-	4	27	TTG	TGA	0	0
mORF_-_2720797	2720797	2720814	-	5	18	TTG	TAG	0	0
mORF_-_2720815	2720815	2721264	-	5	450	ATG	TGA	0	0
mORF_-_2720838	2720838	2721083	-	4	246	ATG	TAA	0	0
mORF_-_2720969	2720969	2721052	-	6	84	ATG	TAG	0	0
mORF_-_2721059	2721059	2721130	-	6	72	TTG	TAG	0	0
mORF_-_2721117	2721117	2721179	-	4	63	ATG	TAA	0	0
mORF_-_2721261	2721261	2721383	-	4	123	TTG	TGA	0	0
mORF_-_2721286	2721286	2721432	-	5	147	ATG	TGA	0	0
mORF_-_2721308	2721308	2721313	-	6	6	GTG	TAA	0	0
mORF_-_2721356	2721356	2721367	-	6	12	TTG	TAA	0	0
mORF_-_2721429	2721429	2721452	-	4	24	TTG	TGA	0	0
mORF_-_2721456	2721456	2721596	-	4	141	TTG	TGA	0	0
mORF_-_2721475	2721475	2721522	-	5	48	ATG	TAG	0	0
mORF_-_2721524	2721524	2721565	-	6	42	ATG	TAA	0	0
mORF_-_2721569	2721569	2721583	-	6	15	TTG	TGA	0	0
mORF_-_2721666	2721666	2721692	-	4	27	TTG	TAG	0	0
mORF_-_2721689	2721689	2721706	-	6	18	ATG	TGA	0	0
mORF_-_2721717	2721717	2721728	-	4	12	TTG	TAG	0	0

mORF_-_2721759	2721759	2721812	-	4	54	GTG	TAA	0	0	
mORF_-_2721790	2721790	2722014	-	5	225	TTG	TAA	0	0	
mORF_-_2721816	2721816	2721989	-	4	174	ATG	TGA	0	0	
mORF_-_2721857	2721857	2721946	-	6	90	GTG	TGA	0	0	
mORF_-_2722026	2722026	2722097	-	4	72	ATG	TAA	0	0	
mORF_-_2722088	2722088	2722108	-	6	21	GTG	TAA	0	0	
mORF_-_2722105	2722105	2722146	-	5	42	GTG	TGA	0	0	
mORF_-_2722180	2722180	2722242	-	5	63	GTG	TAA	0	0	
mORF_-_2722244	2722244	2722288	-	6	45	GTG	TAA	0	0	
mORF_-_2722285	2722285	2722293	-	5	9	ATG	TGA	0	0	
mORF_-_2722293	2722293	2722439	-	4	147	GTG	TGA	0	0	
mORF_-_2722343	2722343	2722435	-	6	93	TTG	TGA	0	0	
mORF_-_2722357	2722357	2722470	-	5	114	GTG	TGA	0	0	
mORF_-_2722470	2722470	2723768	-	4	1299	ATG	TAG	6	15	pORF_-_2722470
mORF_-_2722541	2722541	2722546	-	6	6	ATG	TGA	0	0	
mORF_-_2722592	2722592	2722648	-	6	57	TTG	TAG	0	0	
mORF_-_2722681	2722681	2722830	-	5	150	ATG	TGA	0	0	
mORF_-_2722688	2722688	2722699	-	6	12	GTG	TGA	0	0	
mORF_-_2722724	2722724	2722735	-	6	12	GTG	TGA	0	0	
mORF_-_2722739	2722739	2722900	-	6	162	TTG	TGA	0	0	
mORF_-_2722855	2722855	2723055	-	5	201	ATG	TAA	0	0	
mORF_-_2722913	2722913	2722939	-	6	27	ATG	TGA	0	0	
mORF_-_2722955	2722955	2723041	-	6	87	GTG	TAA	0	0	
mORF_-_2723081	2723081	2723113	-	6	33	ATG	TAA	0	0	
mORF_-_2723110	2723110	2723187	-	5	78	GTG	TGA	0	0	
mORF_-_2723114	2723114	2723143	-	6	30	TTG	TAG	0	0	
mORF_-_2723159	2723159	2723233	-	6	75	TTG	TAG	0	0	
mORF_-_2723267	2723267	2723320	-	6	54	GTG	TGA	0	0	
mORF_-_2723317	2723317	2723406	-	5	90	GTG	TGA	0	0	
mORF_-_2723321	2723321	2723356	-	6	36	TTG	TGA	0	0	
mORF_-_2723411	2723411	2723422	-	6	12	ATG	TAG	0	0	
mORF_-_2723419	2723419	2723469	-	5	51	GTG	TGA	0	0	
mORF_-_2723462	2723462	2723500	-	6	39	ATG	TGA	0	0	
mORF_-_2723503	2723503	2723667	-	5	165	GTG	TAA	0	0	
mORF_-_2723510	2723510	2723521	-	6	12	TTG	TAG	0	0	
mORF_-_2723546	2723546	2723725	-	6	180	GTG	TGA	0	0	
mORF_-_2723677	2723677	2723706	-	5	30	TTG	TAA	0	0	
mORF_-_2723750	2723750	2723869	-	6	120	TTG	TAA	0	0	
mORF_-_2723818	2723818	2723862	-	5	45	ATG	TAA	0	0	
mORF_-_2723862	2723862	2724062	-	4	201	ATG	TAA	0	0	
mORF_-_2723884	2723884	2724084	-	5	201	ATG	TAA	0	0	
mORF_-_2723915	2723915	2723995	-	6	81	ATG	TAA	0	0	
mORF_-_2724026	2724026	2724211	-	6	186	TTG	TGA	0	0	
mORF_-_2724106	2724106	2724138	-	5	33	ATG	TAG	0	0	
mORF_-_2724246	2724246	2724317	-	4	72	GTG	TAA	0	0	
mORF_-_2724256	2724256	2724285	-	5	30	TTG	TGA	0	0	
mORF_-_2724307	2724307	2724324	-	5	18	ATG	TAA	0	0	
mORF_-_2724334	2724334	2724390	-	5	57	TTG	TAA	0	0	
mORF_-_2724339	2724339	2724347	-	4	9	ATG	TGA	0	0	
mORF_-_2724356	2724356	2724361	-	6	6	GTG	TAA	0	0	
mORF_-_2724407	2724407	2724439	-	6	33	TTG	TAA	0	0	
mORF_-_2724415	2724415	2724465	-	5	51	GTG	TGA	0	0	
mORF_-_2724459	2724459	2724536	-	4	78	GTG	TGA	0	0	
mORF_-_2724466	2724466	2724480	-	5	15	ATG	TAA	0	0	
mORF_-_2724481	2724481	2724507	-	5	27	ATG	TAA	0	0	
mORF_-_2724485	2724485	2724640	-	6	156	GTG	TAG	0	0	
mORF_-_2724568	2724568	2724612	-	5	45	GTG	TGA	0	0	
mORF_-_2724619	2724619	2724660	-	5	42	ATG	TAG	0	0	
mORF_-_2724672	2724672	2724719	-	4	48	GTG	TAG	0	0	
mORF_-_2724677	2724677	2724715	-	6	39	TTG	TGA	0	0	
mORF_-_2724748	2724748	2724864	-	5	117	TTG	TGA	0	0	
mORF_-_2724774	2724774	2724800	-	4	27	ATG	TAA	0	0	
mORF_-_2724801	2724801	2724836	-	4	36	GTG	TGA	0	0	

mORF_-_2724861	2724861	2724884	-	4	24	GTG	TGA	0	0
mORF_-_2724871	2724871	2724879	-	5	9	ATG	TAA	0	0
mORF_-_2724884	2724884	2724916	-	6	33	TTG	TAG	0	0
mORF_-_2724940	2724940	2725086	-	5	147	GTG	TAA	0	0
mORF_-_2724965	2724965	2724988	-	6	24	TTG	TAG	0	0
mORF_-_2725008	2725008	2725019	-	4	12	TTG	TAA	0	0
mORF_-_2725016	2725016	2725069	-	6	54	GTG	TGA	0	0
mORF_-_2725038	2725038	2725076	-	4	39	TTG	TGA	0	0
mORF_-_2725073	2725073	2725102	-	6	30	TTG	TGA	0	0
mORF_-_2725092	2725092	2725109	-	4	18	TTG	TAG	0	0
mORF_-_2725099	2725099	2725140	-	5	42	GTG	TGA	0	0
mORF_-_2725124	2725124	2725180	-	6	57	GTG	TAG	0	0
mORF_-_2725137	2725137	2725169	-	4	33	GTG	TGA	0	0
mORF_-_2725177	2725177	2725197	-	5	21	GTG	TGA	0	0
mORF_-_2725194	2725194	2725229	-	4	36	ATG	TGA	0	0
mORF_-_2725229	2725229	2725264	-	6	36	TTG	TAA	0	0
mORF_-_2725254	2725254	2725352	-	4	99	TTG	TAA	0	0
mORF_-_2725349	2725349	2725396	-	6	48	GTG	TGA	0	0
mORF_-_2725353	2725353	2725472	-	4	120	ATG	TAA	0	0
mORF_-_2725378	2725378	2725410	-	5	33	GTG	TGA	0	0
mORF_-_2725423	2725423	2725488	-	5	66	GTG	TAA	0	0
mORF_-_2725489	2725489	2725494	-	5	6	ATG	TAG	0	0
mORF_-_2725517	2725517	2725546	-	6	30	GTG	TAA	0	0
mORF_-_2725543	2725543	2725560	-	5	18	TTG	TGA	0	0
mORF_-_2725557	2725557	2725688	-	4	132	GTG	TGA	0	0
mORF_-_2725576	2725576	2725587	-	5	12	GTG	TAG	0	0
mORF_-_2725616	2725616	2725669	-	6	54	GTG	TAA	0	0
mORF_-_2725685	2725685	2725768	-	6	84	ATG	TGA	0	0
mORF_-_2725729	2725729	2725734	-	5	6	GTG	TAG	0	0
mORF_-_2725737	2725737	2725829	-	4	93	ATG	TAA	0	0
mORF_-_2725833	2725833	2725868	-	4	36	GTG	TAG	0	0
mORF_-_2725865	2725865	2726032	-	6	168	ATG	TGA	0	0
mORF_-_2725879	2725879	2725926	-	5	48	GTG	TAA	0	0
mORF_-_2725942	2725942	2725977	-	5	36	ATG	TAA	0	0
mORF_-_2725947	2725947	2726060	-	4	114	ATG	TGA	0	0
mORF_-_2725981	2725981	2725989	-	5	9	GTG	TGA	0	0
mORF_-_2726073	2726073	2726078	-	4	6	ATG	TAA	0	0
mORF_-_2726111	2726111	2726185	-	6	75	GTG	TAA	0	0
mORF_-_2726122	2726122	2726193	-	5	72	ATG	TAA	0	0
mORF_-_2726139	2726139	2726150	-	4	12	ATG	TAG	0	0
mORF_-_2726186	2726186	2726302	-	6	117	ATG	TAA	0	0
mORF_-_2726206	2726206	2726253	-	5	48	GTG	TAA	0	0
mORF_-_2726247	2726247	2726366	-	4	120	GTG	TAA	0	0
mORF_-_2726373	2726373	2726498	-	4	126	TTG	TAG	0	0
mORF_-_2726377	2726377	2726439	-	5	63	GTG	TAG	0	0
mORF_-_2726426	2726426	2726446	-	6	21	ATG	TGA	0	0
mORF_-_2726450	2726450	2726464	-	6	15	ATG	TAG	0	0
mORF_-_2726491	2726491	2726550	-	5	60	TTG	TAA	0	0
mORF_-_2726517	2726517	2726525	-	4	9	GTG	TAG	0	0
mORF_-_2726552	2726552	2726632	-	6	81	ATG	TAA	0	0
mORF_-_2726607	2726607	2726654	-	4	48	GTG	TAG	0	0
mORF_-_2726651	2726651	2726689	-	6	39	GTG	TGA	0	0
mORF_-_2726659	2726659	2726757	-	5	99	GTG	TAG	0	0
mORF_-_2726706	2726706	2726744	-	4	39	GTG	TGA	0	0
mORF_-_2726768	2726768	2726848	-	6	81	GTG	TGA	0	0
mORF_-_2726845	2726845	2726922	-	5	78	GTG	TGA	0	0
mORF_-_2726877	2726877	2726924	-	4	48	GTG	TGA	0	0
mORF_-_2726912	2726912	2727034	-	6	123	ATG	TAG	0	0
mORF_-_2727034	2727034	2727075	-	5	42	GTG	TAA	0	0
mORF_-_2727047	2727047	2727088	-	6	42	ATG	TGA	0	0
mORF_-_2727051	2727051	2727116	-	4	66	ATG	TAA	0	0
mORF_-_2727113	2727113	2727121	-	6	9	GTG	TGA	0	0
mORF_-_2727123	2727123	2727179	-	4	57	ATG	TAA	0	0

mORF_-_2727133	2727133	2727183	-	5	51	GTG	TAA	0	0
mORF_-_2727193	2727193	2727264	-	5	72	TTG	TAA	0	0
mORF_-_2727207	2727207	2727212	-	4	6	TTG	TGA	0	0
mORF_-_2727230	2727230	2727271	-	6	42	ATG	TGA	0	0
mORF_-_2727275	2727275	2727286	-	6	12	TTG	TGA	0	0
mORF_-_2727283	2727283	2727375	-	5	93	GTG	TGA	0	0
mORF_-_2727308	2727308	2727331	-	6	24	TTG	TAA	0	0
mORF_-_2727335	2727335	2727379	-	6	45	GTG	TAA	0	0
mORF_-_2727372	2727372	2727389	-	4	18	TTG	TGA	0	0
mORF_-_2727376	2727376	2727381	-	5	6	TTG	TGA	0	0
mORF_-_2727400	2727400	2727468	-	5	69	GTG	TAG	0	0
mORF_-_2727420	2727420	2727521	-	4	102	ATG	TAA	0	0
mORF_-_2727452	2727452	2727484	-	6	33	GTG	TAG	0	0
mORF_-_2727521	2727521	2727565	-	6	45	TTG	TAA	0	0
mORF_-_2727556	2727556	2727588	-	5	33	GTG	TGA	0	0
mORF_-_2727581	2727581	2727595	-	6	15	ATG	TAG	0	0
mORF_-_2727585	2727585	2727653	-	4	69	TTG	TGA	0	0
mORF_-_2727595	2727595	2727615	-	5	21	GTG	TGA	0	0
mORF_-_2727672	2727672	2727707	-	4	36	GTG	TAA	0	0
mORF_-_2727680	2727680	2727700	-	6	21	ATG	TAA	0	0
mORF_-_2727704	2727704	2727790	-	6	87	TTG	TGA	0	0
mORF_-_2727738	2727738	2728103	-	4	366	GTG	TAG	0	0
mORF_-_2727742	2727742	2727873	-	5	132	TTG	TAG	0	0
mORF_-_2727806	2727806	2727817	-	6	12	ATG	TGA	0	0
mORF_-_2727848	2727848	2727976	-	6	129	ATG	TGA	0	0
mORF_-_2728087	2728087	2728125	-	5	39	ATG	TAA	0	0
mORF_-_2728100	2728100	2728231	-	6	132	ATG	TGA	0	0
mORF_-_2728138	2728138	2728164	-	5	27	ATG	TGA	0	0
mORF_-_2728186	2728186	2728260	-	5	75	TTG	TGA	0	0
mORF_-_2728221	2728221	2728238	-	4	18	GTG	TAA	0	0
mORF_-_2728257	2728257	2728331	-	4	75	GTG	TGA	0	0
mORF_-_2728315	2728315	2728458	-	5	144	GTG	TAA	0	0
mORF_-_2728335	2728335	2728361	-	4	27	ATG	TGA	0	0
mORF_-_2728389	2728389	2728484	-	4	96	ATG	TAG	0	0
mORF_-_2728427	2728427	2728576	-	6	150	GTG	TGA	0	0
mORF_-_2728492	2728492	2728497	-	5	6	GTG	TAG	0	0
mORF_-_2728573	2728573	2728701	-	5	129	TTG	TGA	0	0
mORF_-_2728670	2728670	2728708	-	6	39	TTG	TAA	0	0
mORF_-_2728720	2728720	2728806	-	5	87	ATG	TAA	0	0
mORF_-_2728749	2728749	2728772	-	4	24	ATG	TAA	0	0
mORF_-_2728769	2728769	2728813	-	6	45	TTG	TGA	0	0
mORF_-_2728791	2728791	2728877	-	4	87	ATG	TGA	0	0
mORF_-_2728874	2728874	2728942	-	6	69	ATG	TGA	0	0
mORF_-_2728917	2728917	2728952	-	4	36	ATG	TAA	0	0
mORF_-_2728933	2728933	2728998	-	5	66	ATG	TAG	0	0
mORF_-_2729012	2729012	2729041	-	6	30	ATG	TAG	0	0
mORF_-_2729028	2729028	2729060	-	4	33	ATG	TAA	0	0
mORF_-_2729041	2729041	2729151	-	5	111	TTG	TGA	0	0
mORF_-_2729064	2729064	2729078	-	4	15	GTG	TGA	0	0
mORF_-_2729082	2729082	2729096	-	4	15	TTG	TGA	0	0
mORF_-_2729108	2729108	2729125	-	6	18	ATG	TAA	0	0
mORF_-_2729129	2729129	2729176	-	6	48	TTG	TAA	0	0
mORF_-_2729173	2729173	2729196	-	5	24	TTG	TGA	0	0
mORF_-_2729218	2729218	2729229	-	5	12	GTG	TAA	0	0
mORF_-_2729226	2729226	2729249	-	4	24	ATG	TGA	0	0
mORF_-_2729246	2729246	2729293	-	6	48	GTG	TGA	0	0
mORF_-_2729266	2729266	2729295	-	5	30	GTG	TAA	0	0
mORF_-_2729342	2729342	2729392	-	6	51	ATG	TGA	0	0
mORF_-_2729377	2729377	2729388	-	5	12	TTG	TAG	0	0
mORF_-_2729466	2729466	2729480	-	4	15	ATG	TGA	0	0
mORF_-_2729480	2729480	2729506	-	6	27	TTG	TAA	0	0
mORF_-_2729490	2729490	2729555	-	4	66	ATG	TAA	0	0
mORF_-_2729525	2729525	2729539	-	6	15	GTG	TAA	0	0

mORF_-_2729536	2729536	2729550	-	5	15	TTG	TGA	0	0	
mORF_-_2729577	2729577	2729621	-	4	45	ATG	TAG	0	0	
mORF_-_2729618	2729618	2729650	-	6	33	ATG	TGA	0	0	
mORF_-_2729622	2729622	2732207	-	4	2586	ATG	TAA	206	2256	pORF_-_2729622
mORF_-_2729666	2729666	2729740	-	6	75	GTG	TGA	0	0	
mORF_-_2729744	2729744	2729761	-	6	18	ATG	TGA	0	0	
mORF_-_2729795	2729795	2729830	-	6	36	GTG	TGA	0	0	
mORF_-_2729858	2729858	2729923	-	6	66	ATG	TGA	0	0	
mORF_-_2729960	2729960	2729968	-	6	9	GTG	TAA	0	0	
mORF_-_2729984	2729984	2730007	-	6	24	GTG	TGA	0	0	
mORF_-_2730098	2730098	2730166	-	6	69	ATG	TGA	0	0	
mORF_-_2730209	2730209	2730484	-	6	276	TTG	TGA	0	0	
mORF_-_2730349	2730349	2730354	-	5	6	TTG	TAA	0	0	
mORF_-_2730463	2730463	2730570	-	5	108	TTG	TGA	0	0	
mORF_-_2730542	2730542	2730589	-	6	48	TTG	TGA	0	0	
mORF_-_2730602	2730602	2730739	-	6	138	TTG	TGA	0	0	
mORF_-_2730769	2730769	2730813	-	5	45	GTG	TAA	0	0	
mORF_-_2730851	2730851	2730895	-	6	45	ATG	TGA	0	0	
mORF_-_2730908	2730908	2731012	-	6	105	ATG	TAA	0	0	
mORF_-_2731016	2731016	2731111	-	6	96	ATG	TGA	0	0	
mORF_-_2731136	2731136	2731261	-	6	126	GTG	TGA	0	0	
mORF_-_2731262	2731262	2731282	-	6	21	GTG	TAG	0	0	
mORF_-_2731298	2731298	2731399	-	6	102	TTG	TGA	0	0	
mORF_-_2731418	2731418	2731438	-	6	21	GTG	TAA	0	0	
mORF_-_2731499	2731499	2731582	-	6	84	TTG	TGA	0	0	
mORF_-_2731583	2731583	2731654	-	6	72	TTG	TGA	0	0	
mORF_-_2731712	2731712	2731738	-	6	27	GTG	TGA	0	0	
mORF_-_2731748	2731748	2731777	-	6	30	TTG	TGA	0	0	
mORF_-_2731817	2731817	2731975	-	6	159	TTG	TGA	0	0	
mORF_-_2731888	2731888	2731917	-	5	30	TTG	TGA	0	0	
mORF_-_2731991	2731991	2732029	-	6	39	ATG	TAA	0	0	
mORF_-_2732093	2732093	2732161	-	6	69	TTG	TAA	0	0	
mORF_-_2732173	2732173	2732217	-	5	45	TTG	TAA	0	0	
mORF_-_2732223	2732223	2732246	-	4	24	ATG	TAG	0	0	
mORF_-_2732233	2732233	2732253	-	5	21	TTG	TAA	0	0	
mORF_-_2732250	2732250	2732261	-	4	12	TTG	TGA	0	0	
mORF_-_2732276	2732276	2732296	-	6	21	GTG	TAA	0	0	
mORF_-_2732320	2732320	2732337	-	5	18	TTG	TAA	0	0	
mORF_-_2732325	2732325	2733056	-	4	732	ATG	TAA	8	43	pORF_-_2732325
mORF_-_2732330	2732330	2732518	-	6	189	GTG	TGA	0	0	
mORF_-_2732392	2732392	2732412	-	5	21	TTG	TGA	0	0	
mORF_-_2732531	2732531	2732587	-	6	57	TTG	TAG	0	0	
mORF_-_2732597	2732597	2732686	-	6	90	ATG	TAG	0	0	
mORF_-_2732626	2732626	2732760	-	5	135	TTG	TGA	0	0	
mORF_-_2732750	2732750	2732965	-	6	216	ATG	TGA	0	0	
mORF_-_2732929	2732929	2732940	-	5	12	TTG	TAA	0	0	
mORF_-_2732978	2732978	2733043	-	6	66	TTG	TGA	0	0	
mORF_-_2733001	2733001	2733033	-	5	33	GTG	TAG	0	0	
mORF_-_2733049	2733049	2733072	-	5	24	ATG	TAA	0	0	
mORF_-_2733053	2733053	2734033	-	6	981	ATG	TGA	17	114	pORF_-_2733053
mORF_-_2733100	2733100	2733108	-	5	9	TTG	TGA	0	0	
mORF_-_2733105	2733105	2733146	-	4	42	ATG	TGA	0	0	
mORF_-_2733109	2733109	2733378	-	5	270	GTG	TGA	0	0	
mORF_-_2733406	2733406	2733489	-	5	84	GTG	TGA	0	0	
mORF_-_2733496	2733496	2733540	-	5	45	GTG	TGA	0	0	
mORF_-_2733559	2733559	2733594	-	5	36	TTG	TAG	0	0	
mORF_-_2733598	2733598	2733684	-	5	87	ATG	TGA	0	0	
mORF_-_2733685	2733685	2733879	-	5	195	GTG	TGA	0	0	
mORF_-_2733876	2733876	2733881	-	4	6	TTG	TGA	0	0	
mORF_-_2733891	2733891	2733920	-	4	30	ATG	TAA	0	0	
mORF_-_2734141	2734141	2734161	-	5	21	TTG	TAA	0	0	
mORF_-_2734158	2734158	2734202	-	4	45	GTG	TGA	0	0	
mORF_-_2734166	2734166	2734321	-	6	156	TTG	TGA	0	0	

mORF_-_2734234	2734234	2734329	-	5	96	TTG	TGA	0	0	
mORF_-_2734350	2734350	2734394	-	4	45	ATG	TAG	0	0	
mORF_-_2734391	2734391	2734432	-	6	42	GTG	TGA	0	0	
mORF_-_2734404	2734404	2734442	-	4	39	ATG	TAG	0	0	
mORF_-_2734426	2734426	2734923	-	5	498	TTG	TAA	1	4	pORF_-_2734426
mORF_-_2734485	2734485	2734514	-	4	30	TTG	TAA	0	0	
mORF_-_2734490	2734490	2734588	-	6	99	GTG	TGA	0	0	
mORF_-_2734578	2734578	2734613	-	4	36	TTG	TGA	0	0	
mORF_-_2734598	2734598	2734738	-	6	141	ATG	TAA	0	0	
mORF_-_2734638	2734638	2734661	-	4	24	TTG	TGA	0	0	
mORF_-_2734719	2734719	2734769	-	4	51	ATG	TAG	0	0	
mORF_-_2734796	2734796	2734831	-	6	36	ATG	TAG	0	0	
mORF_-_2734836	2734836	2734898	-	4	63	TTG	TGA	0	0	
mORF_-_2734877	2734877	2734921	-	6	45	GTG	TGA	0	0	
mORF_-_2734959	2734959	2735003	-	4	45	TTG	TGA	0	0	
mORF_-_2734981	2734981	2735082	-	5	102	TTG	TAA	0	0	
mORF_-_2735028	2735028	2735063	-	4	36	GTG	TGA	0	0	
mORF_-_2735060	2735060	2735116	-	6	57	ATG	TGA	0	0	
mORF_-_2735095	2735095	2735754	-	5	660	TTG	TAA	0	0	
mORF_-_2735109	2735109	2735114	-	4	6	GTG	TGA	0	0	
mORF_-_2735124	2735124	2735606	-	4	483	GTG	TGA	0	0	
mORF_-_2735174	2735174	2735182	-	6	9	TTG	TAA	0	0	
mORF_-_2735210	2735210	2735272	-	6	63	GTG	TAA	0	0	
mORF_-_2735279	2735279	2735287	-	6	9	GTG	TAA	0	0	
mORF_-_2735291	2735291	2735335	-	6	45	TTG	TGA	0	0	
mORF_-_2735336	2735336	2735344	-	6	9	GTG	TGA	0	0	
mORF_-_2735345	2735345	2735395	-	6	51	TTG	TAG	0	0	
mORF_-_2735429	2735429	2735473	-	6	45	ATG	TGA	0	0	
mORF_-_2735522	2735522	2735542	-	6	21	TTG	TAA	0	0	
mORF_-_2735603	2735603	2735713	-	6	111	TTG	TGA	0	0	
mORF_-_2735607	2735607	2735648	-	4	42	ATG	TAA	0	0	
mORF_-_2735655	2735655	2735726	-	4	72	TTG	TAA	0	0	
mORF_-_2735742	2735742	2735882	-	4	141	TTG	TAA	0	0	
mORF_-_2735765	2735765	2735773	-	6	9	ATG	TAG	0	0	
mORF_-_2735836	2735836	2735895	-	5	60	ATG	TAA	0	0	
mORF_-_2735941	2735941	2735979	-	5	39	ATG	TAA	0	0	
mORF_-_2735979	2735979	2736008	-	4	30	ATG	TAA	0	0	
mORF_-_2736022	2736022	2736072	-	5	51	GTG	TAA	0	0	
mORF_-_2736027	2736027	2736101	-	4	75	TTG	TGA	0	0	
mORF_-_2736062	2736062	2736079	-	6	18	GTG	TAA	0	0	
mORF_-_2736073	2736073	2736291	-	5	219	ATG	TGA	0	0	
mORF_-_2736144	2736144	2736179	-	4	36	TTG	TGA	0	0	
mORF_-_2736222	2736222	2736263	-	4	42	ATG	TAG	0	0	
mORF_-_2736273	2736273	2736377	-	4	105	TTG	TAA	0	0	
mORF_-_2736322	2736322	2736336	-	5	15	ATG	TAA	0	0	
mORF_-_2736364	2736364	2736441	-	5	78	GTG	TAA	0	0	
mORF_-_2736374	2736374	2736403	-	6	30	ATG	TGA	0	0	
mORF_-_2736384	2736384	2736419	-	4	36	TTG	TAG	0	0	
mORF_-_2736425	2736425	2736580	-	6	156	TTG	TAA	0	0	
mORF_-_2736432	2736432	2736542	-	4	111	GTG	TAA	0	0	
mORF_-_2736502	2736502	2736591	-	5	90	TTG	TGA	0	0	
mORF_-_2736582	2736582	2736629	-	4	48	ATG	TGA	0	0	
mORF_-_2736642	2736642	2736731	-	4	90	TTG	TGA	0	0	
mORF_-_2736667	2736667	2736729	-	5	63	GTG	TAA	0	0	
mORF_-_2736737	2736737	2736841	-	6	105	ATG	TAA	0	0	
mORF_-_2736754	2736754	2736768	-	5	15	GTG	TGA	0	0	
mORF_-_2736804	2736804	2736863	-	4	60	GTG	TGA	0	0	
mORF_-_2736820	2736820	2736834	-	5	15	TTG	TGA	0	0	
mORF_-_2736860	2736860	2736955	-	6	96	ATG	TGA	0	0	
mORF_-_2736888	2736888	2737109	-	4	222	TTG	TAA	0	0	
mORF_-_2736970	2736970	2738091	-	5	1122	ATG	TAA	41	533	pORF_-_2736970
mORF_-_2737143	2737143	2737556	-	4	414	ATG	TAA	0	0	
mORF_-_2737370	2737370	2737420	-	6	51	ATG	TAG	0	0	

mORF_-_2737445	2737445	2737450	-	6	6	GTG	TGA	0	0	
mORF_-_2737523	2737523	2737588	-	6	66	TTG	TGA	0	0	
mORF_-_2737560	2737560	2737652	-	4	93	TTG	TGA	0	0	
mORF_-_2737653	2737653	2737700	-	4	48	ATG	TGA	0	0	
mORF_-_2737697	2737697	2737810	-	6	114	TTG	TGA	0	0	
mORF_-_2737737	2737737	2737853	-	4	117	GTG	TGA	0	0	
mORF_-_2737857	2737857	2737880	-	4	24	TTG	TGA	0	0	
mORF_-_2737881	2737881	2737973	-	4	93	TTG	TGA	0	0	
mORF_-_2737983	2737983	2738003	-	4	21	TTG	TGA	0	0	
mORF_-_2738031	2738031	2738057	-	4	27	TTG	TGA	0	0	
mORF_-_2738076	2738076	2738087	-	4	12	TTG	TGA	0	0	
mORF_-_2738102	2738102	2739241	-	6	1140	ATG	TAA	39	446	pORF_-_2738102
mORF_-_2738131	2738131	2738163	-	5	33	ATG	TGA	0	0	
mORF_-_2738167	2738167	2738190	-	5	24	ATG	TGA	0	0	
mORF_-_2738194	2738194	2738205	-	5	12	GTG	TAA	0	0	
mORF_-_2738212	2738212	2738220	-	5	9	GTG	TGA	0	0	
mORF_-_2738272	2738272	2738313	-	5	42	TTG	TGA	0	0	
mORF_-_2738361	2738361	2738375	-	4	15	TTG	TAA	0	0	
mORF_-_2738383	2738383	2738466	-	5	84	GTG	TGA	0	0	
mORF_-_2738421	2738421	2738426	-	4	6	ATG	TGA	0	0	
mORF_-_2738476	2738476	2738685	-	5	210	TTG	TGA	0	0	
mORF_-_2738767	2738767	2738778	-	5	12	TTG	TGA	0	0	
mORF_-_2738812	2738812	2738829	-	5	18	ATG	TAG	0	0	
mORF_-_2738848	2738848	2738886	-	5	39	TTG	TAA	0	0	
mORF_-_2738899	2738899	2738997	-	5	99	GTG	TAA	0	0	
mORF_-_2738976	2738976	2738999	-	4	24	ATG	TGA	0	0	
mORF_-_2739001	2739001	2739063	-	5	63	TTG	TAG	0	0	
mORF_-_2739187	2739187	2739273	-	5	87	ATG	TAA	0	0	
mORF_-_2739213	2739213	2739257	-	4	45	TTG	TGA	0	0	
mORF_-_2739254	2739254	2739262	-	6	9	ATG	TGA	0	0	
mORF_-_2739276	2739276	2739308	-	4	33	TTG	TAA	0	0	
mORF_-_2739280	2739280	2739291	-	5	12	TTG	TAA	0	0	
mORF_-_2739332	2739332	2739352	-	6	21	TTG	TAA	0	0	
mORF_-_2739415	2739415	2739453	-	5	39	GTG	TAA	0	0	
mORF_-_2739422	2739422	2739538	-	6	117	ATG	TAA	0	0	
mORF_-_2739450	2739450	2739521	-	4	72	ATG	TGA	0	0	
mORF_-_2739539	2739539	2739550	-	6	12	GTG	TAA	0	0	
mORF_-_2739565	2739565	2739705	-	5	141	TTG	TAG	0	0	
mORF_-_2739617	2739617	2739733	-	6	117	TTG	TAA	0	0	
mORF_-_2739621	2739621	2739731	-	4	111	GTG	TAA	0	0	
mORF_-_2739744	2739744	2739788	-	4	45	ATG	TAA	0	0	
mORF_-_2739748	2739748	2739774	-	5	27	ATG	TAA	0	0	
mORF_-_2739785	2739785	2739868	-	6	84	ATG	TGA	0	0	
mORF_-_2739802	2739802	2739954	-	5	153	TTG	TGA	0	0	
mORF_-_2739837	2739837	2739911	-	4	75	GTG	TAA	0	0	
mORF_-_2740015	2740015	2740077	-	5	63	GTG	TGA	0	0	
mORF_-_2740019	2740019	2740024	-	6	6	GTG	TAA	0	0	
mORF_-_2740081	2740081	2740113	-	5	33	ATG	TAA	0	0	
mORF_-_2740092	2740092	2740151	-	4	60	TTG	TAG	0	0	
mORF_-_2740121	2740121	2740138	-	6	18	ATG	TAA	0	0	
mORF_-_2740135	2740135	2740239	-	5	105	TTG	TGA	0	0	
mORF_-_2740139	2740139	2740144	-	6	6	GTG	TGA	0	0	
mORF_-_2740145	2740145	2740174	-	6	30	TTG	TGA	0	0	
mORF_-_2740181	2740181	2740372	-	6	192	TTG	TAA	0	0	
mORF_-_2740218	2740218	2740229	-	4	12	TTG	TAA	0	0	
mORF_-_2740251	2740251	2740310	-	4	60	GTG	TAA	0	0	
mORF_-_2740369	2740369	2740395	-	5	27	GTG	TGA	0	0	
mORF_-_2740383	2740383	2740490	-	4	108	GTG	TAA	0	0	
mORF_-_2740445	2740445	2740456	-	6	12	ATG	TAA	0	0	
mORF_-_2740456	2740456	2740668	-	5	213	TTG	TAA	0	0	
mORF_-_2740490	2740490	2740714	-	6	225	ATG	TAG	0	0	
mORF_-_2740672	2740672	2740809	-	5	138	GTG	TGA	0	0	
mORF_-_2740722	2740722	2740793	-	4	72	ATG	TAA	0	0	

mORF_-_2740790	2740790	2740858	-	6	69	TTG	TGA	0	0	
mORF_-_2740806	2740806	2741015	-	4	210	TTG	TGA	0	0	
mORF_-_2740855	2740855	2740866	-	5	12	ATG	TGA	0	0	
mORF_-_2740868	2740868	2740927	-	6	60	TTG	TAA	0	0	
mORF_-_2740915	2740915	2741058	-	5	144	GTG	TGA	0	0	
mORF_-_2741055	2741055	2741285	-	4	231	TTG	TGA	0	0	
mORF_-_2741123	2741123	2741164	-	6	42	ATG	TAG	0	0	
mORF_-_2741152	2741152	2741157	-	5	6	ATG	TAG	0	0	
mORF_-_2741251	2741251	2741301	-	5	51	ATG	TAG	0	0	
mORF_-_2741282	2741282	2741374	-	6	93	ATG	TGA	0	0	
mORF_-_2741341	2741341	2741367	-	5	27	ATG	TAA	0	0	
mORF_-_2741399	2741399	2741461	-	6	63	GTG	TAG	0	0	
mORF_-_2741449	2741449	2741499	-	5	51	ATG	TGA	0	0	
mORF_-_2741468	2741468	2741668	-	6	201	GTG	TAA	0	0	
mORF_-_2741499	2741499	2741522	-	4	24	ATG	TGA	0	0	
mORF_-_2741515	2741515	2741547	-	5	33	GTG	TAA	0	0	
mORF_-_2741526	2741526	2741540	-	4	15	ATG	TAA	0	0	
mORF_-_2741563	2741563	2741658	-	5	96	GTG	TAA	0	0	
mORF_-_2741580	2741580	2741585	-	4	6	TTG	TGA	0	0	
mORF_-_2741592	2741592	2741681	-	4	90	GTG	TGA	0	0	
mORF_-_2741678	2741678	2741686	-	6	9	GTG	TGA	0	0	
mORF_-_2741686	2741686	2741751	-	5	66	TTG	TAG	0	0	
mORF_-_2741754	2741754	2741807	-	4	54	ATG	TAA	0	0	
mORF_-_2741762	2741762	2741818	-	6	57	TTG	TAA	0	0	
mORF_-_2741797	2741797	2741862	-	5	66	TTG	TGA	0	0	
mORF_-_2741826	2741826	2741921	-	4	96	GTG	TAG	0	0	
mORF_-_2741873	2741873	2741992	-	6	120	ATG	TAG	0	0	
mORF_-_2741893	2741893	2741919	-	5	27	GTG	TAG	0	0	
mORF_-_2741943	2741943	2742071	-	4	129	TTG	TAA	0	0	
mORF_-_2741959	2741959	2742009	-	5	51	TTG	TGA	0	0	
mORF_-_2741996	2741996	2742016	-	6	21	GTG	TAG	0	0	
mORF_-_2742026	2742026	2742034	-	6	9	GTG	TGA	0	0	
mORF_-_2742119	2742119	2742163	-	6	45	TTG	TAG	0	0	
mORF_-_2742126	2742126	2742311	-	4	186	TTG	TAA	0	0	
mORF_-_2742205	2742205	2742552	-	5	348	ATG	TAA	71	3033	pORF_-_2742205
mORF_-_2742312	2742312	2742458	-	4	147	TTG	TAG	0	0	
mORF_-_2742452	2742452	2742463	-	6	12	ATG	TGA	0	0	
mORF_-_2742468	2742468	2742485	-	4	18	GTG	TGA	0	0	
mORF_-_2742513	2742513	2742530	-	4	18	TTG	TGA	0	0	
mORF_-_2742536	2742536	2742610	-	6	75	ATG	TAA	0	0	
mORF_-_2742594	2742594	2743361	-	4	768	ATG	TAA	9	37	pORF_-_2742594
mORF_-_2742734	2742734	2742760	-	6	27	ATG	TGA	0	0	
mORF_-_2742800	2742800	2742916	-	6	117	TTG	TAG	0	0	
mORF_-_2742808	2742808	2742831	-	5	24	TTG	TGA	0	0	
mORF_-_2742923	2742923	2742982	-	6	60	TTG	TGA	0	0	
mORF_-_2742937	2742937	2742972	-	5	36	ATG	TGA	0	0	
mORF_-_2742995	2742995	2743006	-	6	12	ATG	TGA	0	0	
mORF_-_2743003	2743003	2743029	-	5	27	GTG	TGA	0	0	
mORF_-_2743037	2743037	2743081	-	6	45	TTG	TGA	0	0	
mORF_-_2743109	2743109	2743147	-	6	39	ATG	TGA	0	0	
mORF_-_2743178	2743178	2743234	-	6	57	ATG	TAA	0	0	
mORF_-_2743268	2743268	2743279	-	6	12	ATG	TGA	0	0	
mORF_-_2743342	2743342	2743410	-	5	69	TTG	TAG	0	0	
mORF_-_2743346	2743346	2743354	-	6	9	TTG	TAA	0	0	
mORF_-_2743392	2743392	2743949	-	4	558	GTG	TAA	18	69	pORF_-_2743392
mORF_-_2743412	2743412	2743501	-	6	90	ATG	TAG	0	0	
mORF_-_2743505	2743505	2743534	-	6	30	ATG	TGA	0	0	
mORF_-_2743607	2743607	2743675	-	6	69	GTG	TGA	0	0	
mORF_-_2743672	2743672	2743677	-	5	6	TTG	TGA	0	0	
mORF_-_2743682	2743682	2743711	-	6	30	TTG	TGA	0	0	
mORF_-_2743708	2743708	2743779	-	5	72	GTG	TGA	0	0	
mORF_-_2743730	2743730	2743909	-	6	180	TTG	TGA	0	0	
mORF_-_2743813	2743813	2743860	-	5	48	GTG	TGA	0	0	

mORF_-_2743959	2743959	2744267	-	4	309	ATG	TAA	43	2594	pORF_-_2743959
mORF_-_2743985	2743985	2744152	-	6	168	TTG	TGA	0	0	
mORF_-_2744173	2744173	2744244	-	5	72	ATG	TAA	0	0	
mORF_-_2744201	2744201	2744233	-	6	33	TTG	TAA	0	0	
mORF_-_2744264	2744264	2744314	-	6	51	TTG	TGA	0	0	
mORF_-_2744286	2744286	2744441	-	4	156	TTG	TAA	0	0	
mORF_-_2744290	2744290	2744310	-	5	21	TTG	TGA	0	0	
mORF_-_2744311	2744311	2744445	-	5	135	TTG	TGA	0	0	
mORF_-_2744381	2744381	2744422	-	6	42	ATG	TGA	0	0	
mORF_-_2744456	2744456	2745817	-	6	1362	ATG	TAA	57	509	pORF_-_2744456
mORF_-_2744566	2744566	2744613	-	5	48	TTG	TGA	0	0	
mORF_-_2744577	2744577	2744603	-	4	27	TTG	TAA	0	0	
mORF_-_2744794	2744794	2744841	-	5	48	GTG	TGA	0	0	
mORF_-_2744860	2744860	2744886	-	5	27	TTG	TAG	0	0	
mORF_-_2744908	2744908	2745060	-	5	153	ATG	TGA	0	0	
mORF_-_2745082	2745082	2745135	-	5	54	ATG	TAG	0	0	
mORF_-_2745145	2745145	2745192	-	5	48	ATG	TGA	0	0	
mORF_-_2745214	2745214	2745228	-	5	15	TTG	TGA	0	0	
mORF_-_2745310	2745310	2745489	-	5	180	GTG	TAG	0	0	
mORF_-_2745538	2745538	2745570	-	5	33	TTG	TGA	0	0	
mORF_-_2745613	2745613	2745639	-	5	27	TTG	TGA	0	0	
mORF_-_2745652	2745652	2745672	-	5	21	GTG	TAA	0	0	
mORF_-_2745736	2745736	2745768	-	5	33	GTG	TAA	0	0	
mORF_-_2745802	2745802	2745861	-	5	60	GTG	TAA	0	0	
mORF_-_2745810	2745810	2745914	-	4	105	TTG	TGA	0	0	
mORF_-_2745907	2745907	2745933	-	5	27	GTG	TAA	0	0	
mORF_-_2745930	2745930	2746166	-	4	237	TTG	TGA	0	0	
mORF_-_2745965	2745965	2745982	-	6	18	GTG	TGA	0	0	
mORF_-_2746016	2746016	2746267	-	6	252	ATG	TAG	0	0	
mORF_-_2746099	2746099	2746122	-	5	24	TTG	TGA	0	0	
mORF_-_2746171	2746171	2746194	-	5	24	ATG	TGA	0	0	
mORF_-_2746260	2746260	2746364	-	4	105	GTG	TAG	0	0	
mORF_-_2746271	2746271	2746366	-	6	96	ATG	TAG	0	0	
mORF_-_2746288	2746288	2746305	-	5	18	TTG	TGA	0	0	
mORF_-_2746385	2746385	2746393	-	6	9	GTG	TAG	0	0	
mORF_-_2746395	2746395	2746517	-	4	123	GTG	TAG	0	0	
mORF_-_2746439	2746439	2746561	-	6	123	GTG	TAA	0	0	
mORF_-_2746468	2746468	2746488	-	5	21	ATG	TAA	0	0	
mORF_-_2746542	2746542	2746580	-	4	39	GTG	TAG	0	0	
mORF_-_2746571	2746571	2746609	-	6	39	TTG	TAG	0	0	
mORF_-_2746584	2746584	2746670	-	4	87	ATG	TAA	0	0	
mORF_-_2746702	2746702	2746731	-	5	30	GTG	TAA	0	0	
mORF_-_2746768	2746768	2746851	-	5	84	ATG	TGA	0	0	
mORF_-_2746772	2746772	2746804	-	6	33	GTG	TAG	0	0	
mORF_-_2746853	2746853	2746915	-	6	63	ATG	TGA	0	0	
mORF_-_2746858	2746858	2746896	-	5	39	TTG	TAG	0	0	
mORF_-_2746900	2746900	2747142	-	5	243	ATG	TAG	0	0	
mORF_-_2746994	2746994	2747332	-	6	339	GTG	TAA	0	0	
mORF_-_2747040	2747040	2747081	-	4	42	TTG	TAG	0	0	
mORF_-_2747170	2747170	2747361	-	5	192	TTG	TAA	0	0	
mORF_-_2747322	2747322	2747345	-	4	24	GTG	TAG	0	0	
mORF_-_2747342	2747342	2747491	-	6	150	GTG	TGA	0	0	
mORF_-_2747362	2747362	2747454	-	5	93	TTG	TGA	0	0	
mORF_-_2747451	2747451	2747495	-	4	45	GTG	TGA	0	0	
mORF_-_2747492	2747492	2747896	-	6	405	ATG	TGA	0	0	
mORF_-_2747497	2747497	2747508	-	5	12	ATG	TGA	0	0	
mORF_-_2747515	2747515	2747610	-	5	96	ATG	TAG	0	0	
mORF_-_2747632	2747632	2747664	-	5	33	GTG	TAG	0	0	
mORF_-_2747680	2747680	2747730	-	5	51	ATG	TGA	0	0	
mORF_-_2747731	2747731	2748105	-	5	375	ATG	TGA	0	0	
mORF_-_2747784	2747784	2747804	-	4	21	GTG	TAG	0	0	
mORF_-_2747931	2747931	2747945	-	4	15	GTG	TGA	0	0	
mORF_-_2748137	2748137	2748730	-	6	594	ATG	TAA	46	952	pORF_-_2748137

mORF_-_2748154	2748154	2748189	-	5	36	ATG	TAG	0	0
mORF_-_2748190	2748190	2748276	-	5	87	ATG	TGA	0	0
mORF_-_2748307	2748307	2748336	-	5	30	ATG	TGA	0	0
mORF_-_2748355	2748355	2748435	-	5	81	TTG	TGA	0	0
mORF_-_2748436	2748436	2748492	-	5	57	TTG	TGA	0	0
mORF_-_2748535	2748535	2748657	-	5	123	TTG	TAA	0	0
mORF_-_2748723	2748723	2748755	-	4	33	ATG	TAG	0	0
mORF_-_2748727	2748727	2749038	-	5	312	TTG	TGA	0	0
mORF_-_2748792	2748792	2748812	-	4	21	GTG	TGA	0	0
mORF_-_2748813	2748813	2748839	-	4	27	TTG	TGA	0	0
mORF_-_2748861	2748861	2748905	-	4	45	GTG	TGA	0	0
mORF_-_2748866	2748866	2748949	-	6	84	TTG	TGA	0	0
mORF_-_2748930	2748930	2748947	-	4	18	GTG	TAG	0	0
mORF_-_2748954	2748954	2748965	-	4	12	ATG	TAA	0	0
mORF_-_2748962	2748962	2749099	-	6	138	GTG	TGA	0	0
mORF_-_2748984	2748984	2749097	-	4	114	GTG	TGA	0	0
mORF_-_2749039	2749039	2749185	-	5	147	TTG	TAG	0	0
mORF_-_2749107	2749107	2749142	-	4	36	TTG	TAA	0	0
mORF_-_2749189	2749189	2749326	-	5	138	ATG	TAA	0	0
mORF_-_2749212	2749212	2749217	-	4	6	ATG	TAG	0	0
mORF_-_2749254	2749254	2749283	-	4	30	GTG	TGA	0	0
mORF_-_2749305	2749305	2749316	-	4	12	TTG	TGA	0	0
mORF_-_2749371	2749371	2749415	-	4	45	GTG	TGA	0	0
mORF_-_2749387	2749387	2749494	-	5	108	ATG	TAG	0	0
mORF_-_2749391	2749391	2749405	-	6	15	TTG	TAA	0	0
mORF_-_2749419	2749419	2749535	-	4	117	GTG	TAG	0	0
mORF_-_2749469	2749469	2749513	-	6	45	GTG	TAA	0	0
mORF_-_2749501	2749501	2749665	-	5	165	ATG	TGA	0	0
mORF_-_2749577	2749577	2749600	-	6	24	GTG	TGA	0	0
mORF_-_2749680	2749680	2749703	-	4	24	TTG	TAA	0	0
mORF_-_2749685	2749685	2749717	-	6	33	TTG	TGA	0	0
mORF_-_2749734	2749734	2749802	-	4	69	ATG	TAA	0	0
mORF_-_2749748	2749748	2749780	-	6	33	GTG	TAA	0	0
mORF_-_2749768	2749768	2749842	-	5	75	TTG	TAA	0	0
mORF_-_2749799	2749799	2750083	-	6	285	ATG	TGA	0	0
mORF_-_2749815	2749815	2749826	-	4	12	GTG	TAG	0	0
mORF_-_2749876	2749876	2750139	-	5	264	TTG	TGA	0	0
mORF_-_2749923	2749923	2749931	-	4	9	TTG	TAG	0	0
mORF_-_2750136	2750136	2750162	-	4	27	GTG	TGA	0	0
mORF_-_2750159	2750159	2750218	-	6	60	TTG	TGA	0	0
mORF_-_2750215	2750215	2750229	-	5	15	TTG	TGA	0	0
mORF_-_2750219	2750219	2750242	-	6	24	TTG	TAA	0	0
mORF_-_2750223	2750223	2750300	-	4	78	GTG	TGA	0	0
mORF_-_2750260	2750260	2750268	-	5	9	TTG	TAG	0	0
mORF_-_2750279	2750279	2750347	-	6	69	TTG	TAG	0	0
mORF_-_2750351	2750351	2750395	-	6	45	TTG	TAA	0	0
mORF_-_2750356	2750356	2750460	-	5	105	TTG	TGA	0	0
mORF_-_2750396	2750396	2750482	-	6	87	TTG	TAA	0	0
mORF_-_2750415	2750415	2750537	-	4	123	TTG	TAA	0	0
mORF_-_2750479	2750479	2750493	-	5	15	GTG	TGA	0	0
mORF_-_2750513	2750513	2750674	-	6	162	GTG	TAA	0	0
mORF_-_2750554	2750554	2750640	-	5	87	ATG	TAA	0	0
mORF_-_2750634	2750634	2750753	-	4	120	GTG	TAG	0	0
mORF_-_2750674	2750674	2750730	-	5	57	ATG	TAG	0	0
mORF_-_2750732	2750732	2750764	-	6	33	GTG	TGA	0	0
mORF_-_2750766	2750766	2750945	-	4	180	GTG	TGA	0	0
mORF_-_2750801	2750801	2750821	-	6	21	TTG	TAG	0	0
mORF_-_2750840	2750840	2750878	-	6	39	ATG	TGA	0	0
mORF_-_2750878	2750878	2750955	-	5	78	GTG	TGA	0	0
mORF_-_2750906	2750906	2750968	-	6	63	ATG	TAA	0	0
mORF_-_2750952	2750952	2750978	-	4	27	TTG	TGA	0	0
mORF_-_2750975	2750975	2751253	-	6	279	TTG	TGA	0	0
mORF_-_2751006	2751006	2751086	-	4	81	TTG	TAA	0	0

mORF_-_2751022	2751022	2751072	-	5	51	TTG	TGA	0	0	
mORF_-_2751079	2751079	2751240	-	5	162	TTG	TGA	0	0	
mORF_-_2751093	2751093	2751143	-	4	51	TTG	TAG	0	0	
mORF_-_2751153	2751153	2751182	-	4	30	GTG	TGA	0	0	
mORF_-_2751210	2751210	2751266	-	4	57	TTG	TAA	0	0	
mORF_-_2751263	2751263	2751373	-	6	111	TTG	TGA	0	0	
mORF_-_2751282	2751282	2751296	-	4	15	GTG	TAA	0	0	
mORF_-_2751322	2751322	2751435	-	5	114	GTG	TAG	0	0	
mORF_-_2751395	2751395	2751514	-	6	120	TTG	TAA	0	0	
mORF_-_2751432	2751432	2751446	-	4	15	GTG	TGA	0	0	
mORF_-_2751499	2751499	2751537	-	5	39	TTG	TGA	0	0	
mORF_-_2751544	2751544	2751576	-	5	33	ATG	TAA	0	0	
mORF_-_2751567	2751567	2751620	-	4	54	TTG	TGA	0	0	
mORF_-_2751578	2751578	2751592	-	6	15	GTG	TAA	0	0	
mORF_-_2751617	2751617	2751691	-	6	75	GTG	TGA	0	0	
mORF_-_2751663	2751663	2751986	-	4	324	TTG	TAG	0	0	
mORF_-_2751707	2751707	2751724	-	6	18	TTG	TAA	0	0	
mORF_-_2751734	2751734	2751775	-	6	42	ATG	TAG	0	0	
mORF_-_2751745	2751745	2751828	-	5	84	ATG	TAG	0	0	
mORF_-_2751887	2751887	2751946	-	6	60	TTG	TGA	0	0	
mORF_-_2751910	2751910	2752008	-	5	99	TTG	TAA	0	0	
mORF_-_2751992	2751992	2752015	-	6	24	GTG	TAA	0	0	
mORF_-_2752005	2752005	2752127	-	4	123	GTG	TGA	0	0	
mORF_-_2752030	2752030	2752404	-	5	375	TTG	TAA	2	4	pORF_-_2752030
mORF_-_2752176	2752176	2752232	-	4	57	TTG	TAA	0	0	
mORF_-_2752254	2752254	2752307	-	4	54	TTG	TGA	0	0	
mORF_-_2752310	2752310	2752786	-	6	477	ATG	TAA	0	0	
mORF_-_2752405	2752405	2752425	-	5	21	TTG	TGA	0	0	
mORF_-_2752422	2752422	2752481	-	4	60	ATG	TGA	0	0	
mORF_-_2752462	2752462	2752488	-	5	27	TTG	TGA	0	0	
mORF_-_2752489	2752489	2752509	-	5	21	ATG	TGA	0	0	
mORF_-_2752543	2752543	2752593	-	5	51	ATG	TGA	0	0	
mORF_-_2752584	2752584	2752649	-	4	66	TTG	TAA	0	0	
mORF_-_2752606	2752606	2752683	-	5	78	ATG	TGA	0	0	
mORF_-_2752687	2752687	2752752	-	5	66	TTG	TAG	0	0	
mORF_-_2752759	2752759	2752776	-	5	18	TTG	TGA	0	0	
mORF_-_2752783	2752783	2752839	-	5	57	ATG	TGA	0	0	
mORF_-_2752891	2752891	2752938	-	5	48	ATG	TGA	0	0	
mORF_-_2752896	2752896	2752970	-	4	75	TTG	TAA	0	0	
mORF_-_2752916	2752916	2752936	-	6	21	GTG	TAA	0	0	
mORF_-_2752948	2752948	2753154	-	5	207	ATG	TGA	0	0	
mORF_-_2752980	2752980	2753066	-	4	87	TTG	TGA	0	0	
mORF_-_2753069	2753069	2753107	-	6	39	ATG	TGA	0	0	
mORF_-_2753079	2753079	2753231	-	4	153	TTG	TAG	0	0	
mORF_-_2753126	2753126	2753134	-	6	9	TTG	TGA	0	0	
mORF_-_2753192	2753192	2753215	-	6	24	ATG	TGA	0	0	
mORF_-_2753212	2753212	2753325	-	5	114	GTG	TGA	0	0	
mORF_-_2753241	2753241	2753381	-	4	141	ATG	TAG	0	0	
mORF_-_2753335	2753335	2753394	-	5	60	GTG	TGA	0	0	
mORF_-_2753342	2753342	2753374	-	6	33	GTG	TGA	0	0	
mORF_-_2753378	2753378	2753413	-	6	36	TTG	TGA	0	0	
mORF_-_2753397	2753397	2753501	-	4	105	ATG	TAA	0	0	
mORF_-_2753477	2753477	2753506	-	6	30	ATG	TGA	0	0	
mORF_-_2753530	2753530	2753694	-	5	165	TTG	TAG	0	0	
mORF_-_2753541	2753541	2753564	-	4	24	ATG	TAG	0	0	
mORF_-_2753583	2753583	2753660	-	4	78	ATG	TGA	0	0	
mORF_-_2753606	2753606	2753707	-	6	102	TTG	TAA	0	0	
mORF_-_2753745	2753745	2753789	-	4	45	TTG	TAA	0	0	
mORF_-_2753761	2753761	2753805	-	5	45	TTG	TAG	0	0	
mORF_-_2753854	2753854	2753895	-	5	42	TTG	TGA	0	0	
mORF_-_2753867	2753867	2754007	-	6	141	ATG	TAA	0	0	
mORF_-_2753913	2753913	2754032	-	4	120	GTG	TAG	0	0	
mORF_-_2753956	2753956	2753988	-	5	33	ATG	TGA	0	0	

mORF_-_2754019	2754019	2754132	-	5	114	TTG	TAG	0	0
mORF_-_2754111	2754111	2754230	-	4	120	TTG	TAA	0	0
mORF_-_2754149	2754149	2754187	-	6	39	TTG	TAA	0	0
mORF_-_2754255	2754255	2754287	-	4	33	TTG	TAA	0	0
mORF_-_2754280	2754280	2754312	-	5	33	TTG	TAA	0	0
mORF_-_2754284	2754284	2754394	-	6	111	GTG	TGA	0	0
mORF_-_2754321	2754321	2754350	-	4	30	TTG	TAG	0	0
mORF_-_2754366	2754366	2754437	-	4	72	ATG	TAG	0	0
mORF_-_2754413	2754413	2754604	-	6	192	TTG	TAG	0	0
mORF_-_2754421	2754421	2754480	-	5	60	TTG	TAA	0	0
mORF_-_2754477	2754477	2754494	-	4	18	TTG	TGA	0	0
mORF_-_2754505	2754505	2754639	-	5	135	ATG	TAA	0	0
mORF_-_2754555	2754555	2754623	-	4	69	GTG	TAG	0	0
mORF_-_2754647	2754647	2754682	-	6	36	ATG	TAA	0	0
mORF_-_2754682	2754682	2754834	-	5	153	TTG	TAA	0	0
mORF_-_2754705	2754705	2754725	-	4	21	ATG	TGA	0	0
mORF_-_2754729	2754729	2754821	-	4	93	ATG	TAA	0	0
mORF_-_2754764	2754764	2754868	-	6	105	TTG	TAG	0	0
mORF_-_2754831	2754831	2755250	-	4	420	ATG	TGA	0	0
mORF_-_2754844	2754844	2754906	-	5	63	TTG	TAG	0	0
mORF_-_2754872	2754872	2754886	-	6	15	TTG	TGA	0	0
mORF_-_2754910	2754910	2755020	-	5	111	ATG	TAG	0	0
mORF_-_2754971	2754971	2755030	-	6	60	GTG	TAG	0	0
mORF_-_2755030	2755030	2755137	-	5	108	TTG	TAG	0	0
mORF_-_2755109	2755109	2755153	-	6	45	GTG	TGA	0	0
mORF_-_2755154	2755154	2755189	-	6	36	GTG	TGA	0	0
mORF_-_2755186	2755186	2755341	-	5	156	TTG	TGA	0	0
mORF_-_2755202	2755202	2755219	-	6	18	GTG	TAG	0	0
mORF_-_2755220	2755220	2755240	-	6	21	GTG	TGA	0	0
mORF_-_2755247	2755247	2755471	-	6	225	GTG	TGA	0	0
mORF_-_2755266	2755266	2755277	-	4	12	TTG	TGA	0	0
mORF_-_2755311	2755311	2755382	-	4	72	ATG	TAA	0	0
mORF_-_2755387	2755387	2755395	-	5	9	ATG	TAA	0	0
mORF_-_2755392	2755392	2755403	-	4	12	TTG	TGA	0	0
mORF_-_2755515	2755515	2755607	-	4	93	TTG	TGA	0	0
mORF_-_2755529	2755529	2755543	-	6	15	GTG	TAA	0	0
mORF_-_2755559	2755559	2755600	-	6	42	GTG	TGA	0	0
mORF_-_2755629	2755629	2755658	-	4	30	TTG	TAA	0	0
mORF_-_2755666	2755666	2756742	-	5	1077	ATG	TAA	0	0
mORF_-_2755713	2755713	2755724	-	4	12	ATG	TAA	0	0
mORF_-_2755721	2755721	2755738	-	6	18	ATG	TGA	0	0
mORF_-_2755743	2755743	2755766	-	4	24	ATG	TAA	0	0
mORF_-_2755782	2755782	2755787	-	4	6	GTG	TAG	0	0
mORF_-_2755809	2755809	2755862	-	4	54	ATG	TAA	0	0
mORF_-_2755814	2755814	2755843	-	6	30	ATG	TGA	0	0
mORF_-_2755869	2755869	2755910	-	4	42	ATG	TAG	0	0
mORF_-_2755877	2755877	2755888	-	6	12	GTG	TAA	0	0
mORF_-_2755914	2755914	2755922	-	4	9	TTG	TAA	0	0
mORF_-_2755929	2755929	2755985	-	4	57	GTG	TGA	0	0
mORF_-_2756015	2756015	2756020	-	6	6	TTG	TAA	0	0
mORF_-_2756030	2756030	2756053	-	6	24	GTG	TAA	0	0
mORF_-_2756046	2756046	2756201	-	4	156	TTG	TAG	0	0
mORF_-_2756177	2756177	2756251	-	6	75	ATG	TAA	0	0
mORF_-_2756235	2756235	2756267	-	4	33	ATG	TAA	0	0
mORF_-_2756273	2756273	2756332	-	6	60	ATG	TGA	0	0
mORF_-_2756289	2756289	2756306	-	4	18	ATG	TAA	0	0
mORF_-_2756307	2756307	2756339	-	4	33	ATG	TGA	0	0
mORF_-_2756355	2756355	2756360	-	4	6	GTG	TGA	0	0
mORF_-_2756406	2756406	2756414	-	4	9	TTG	TAG	0	0
mORF_-_2756439	2756439	2756528	-	4	90	ATG	TAG	0	0
mORF_-_2756447	2756447	2756470	-	6	24	ATG	TGA	0	0
mORF_-_2756504	2756504	2756509	-	6	6	TTG	TAG	0	0
mORF_-_2756538	2756538	2756552	-	4	15	ATG	TGA	0	0

mORF_-_2756564	2756564	2756596	-	6	33	ATG	TAA	0	0	
mORF_-_2756609	2756609	2756650	-	6	42	TTG	TAA	0	0	
mORF_-_2756622	2756622	2756663	-	4	42	TTG	TAA	0	0	
mORF_-_2756699	2756699	2756716	-	6	18	TTG	TAA	0	0	
mORF_-_2756709	2756709	2756858	-	4	150	GTG	TAA	0	0	
mORF_-_2756743	2756743	2756793	-	5	51	TTG	TAG	0	0	
mORF_-_2756855	2756855	2756860	-	6	6	TTG	TGA	0	0	
mORF_-_2756871	2756871	2756903	-	4	33	TTG	TAA	0	0	
mORF_-_2756884	2756884	2756913	-	5	30	ATG	TAA	0	0	
mORF_-_2756900	2756900	2756962	-	6	63	ATG	TGA	0	0	
mORF_-_2756910	2756910	2756975	-	4	66	TTG	TGA	0	0	
mORF_-_2756985	2756985	2757014	-	4	30	TTG	TAA	0	0	
mORF_-_2756989	2756989	2757099	-	5	111	TTG	TAA	0	0	
mORF_-_2757011	2757011	2757040	-	6	30	ATG	TGA	0	0	
mORF_-_2757053	2757053	2757265	-	6	213	ATG	TGA	1	2	pORF_-_2757053
mORF_-_2757265	2757265	2757273	-	5	9	TTG	TAA	0	0	
mORF_-_2757270	2757270	2757398	-	4	129	TTG	TGA	0	0	
mORF_-_2757286	2757286	2757306	-	5	21	GTG	TAA	0	0	
mORF_-_2757311	2757311	2757337	-	6	27	TTG	TAA	0	0	
mORF_-_2757341	2757341	2757370	-	6	30	TTG	TAA	0	0	
mORF_-_2757374	2757374	2757415	-	6	42	TTG	TAA	0	0	
mORF_-_2757379	2757379	2757405	-	5	27	GTG	TGA	0	0	
mORF_-_2757402	2757402	2757491	-	4	90	GTG	TGA	0	0	
mORF_-_2757437	2757437	2757445	-	6	9	TTG	TAA	0	0	
mORF_-_2757475	2757475	2757525	-	5	51	GTG	TAA	0	0	
mORF_-_2757479	2757479	2757493	-	6	15	GTG	TAA	0	0	
mORF_-_2757510	2757510	2757566	-	4	57	ATG	TGA	0	0	
mORF_-_2757569	2757569	2757583	-	6	15	GTG	TAA	0	0	
mORF_-_2757576	2757576	2757605	-	4	30	TTG	TAA	0	0	
mORF_-_2757602	2757602	2757625	-	6	24	TTG	TGA	0	0	
mORF_-_2757665	2757665	2757685	-	6	21	GTG	TAA	0	0	
mORF_-_2757713	2757713	2757769	-	6	57	GTG	TAA	0	0	
mORF_-_2757720	2757720	2757821	-	4	102	TTG	TAA	0	0	
mORF_-_2757776	2757776	2757835	-	6	60	TTG	TGA	0	0	
mORF_-_2757793	2757793	2757801	-	5	9	TTG	TGA	0	0	
mORF_-_2757832	2757832	2757951	-	5	120	ATG	TGA	0	0	
mORF_-_2757855	2757855	2757917	-	4	63	ATG	TGA	0	0	
mORF_-_2757963	2757963	2757968	-	4	6	TTG	TAG	0	0	
mORF_-_2758020	2758020	2758046	-	4	27	ATG	TAA	0	0	
mORF_-_2758063	2758063	2758071	-	5	9	ATG	TAA	0	0	
mORF_-_2758071	2758071	2758157	-	4	87	ATG	TAA	0	0	
mORF_-_2758198	2758198	2758245	-	5	48	TTG	TGA	0	0	
mORF_-_2758233	2758233	2758397	-	4	165	ATG	TAA	0	0	
mORF_-_2758274	2758274	2758294	-	6	21	TTG	TAA	0	0	
mORF_-_2758279	2758279	2758284	-	5	6	TTG	TAA	0	0	
mORF_-_2758301	2758301	2758321	-	6	21	TTG	TAA	0	0	
mORF_-_2758331	2758331	2758348	-	6	18	GTG	TAA	0	0	
mORF_-_2758345	2758345	2758350	-	5	6	TTG	TGA	0	0	
mORF_-_2758361	2758361	2758384	-	6	24	TTG	TAA	0	0	
mORF_-_2758369	2758369	2758596	-	5	228	GTG	TGA	0	0	
mORF_-_2758440	2758440	2758460	-	4	21	TTG	TAA	0	0	
mORF_-_2758464	2758464	2758538	-	4	75	GTG	TAG	0	0	
mORF_-_2758539	2758539	2758553	-	4	15	ATG	TAA	0	0	
mORF_-_2758565	2758565	2758624	-	6	60	TTG	TAG	0	0	
mORF_-_2758593	2758593	2758598	-	4	6	ATG	TGA	0	0	
mORF_-_2758644	2758644	2758655	-	4	12	ATG	TAG	0	0	
mORF_-_2758657	2758657	2758722	-	5	66	ATG	TAA	0	0	
mORF_-_2758671	2758671	2758730	-	4	60	TTG	TAG	0	0	
mORF_-_2758762	2758762	2758782	-	5	21	TTG	TAA	0	0	
mORF_-_2758773	2758773	2758841	-	4	69	ATG	TAA	0	0	
mORF_-_2758804	2758804	2758860	-	5	57	ATG	TAA	0	0	
mORF_-_2758811	2758811	2758846	-	6	36	GTG	TGA	0	0	
mORF_-_2758848	2758848	2758937	-	4	90	ATG	TAA	0	0	

mORF_-_2758853	2758853	2758879	-	6	27	TTG	TAA	0	0
mORF_-_2758895	2758895	2758918	-	6	24	TTG	TAA	0	0
mORF_-_2758915	2758915	2759004	-	5	90	GTG	TGA	0	0
mORF_-_2758946	2758946	2759011	-	6	66	ATG	TAA	0	0
mORF_-_2759038	2759038	2759052	-	5	15	TTG	TAA	0	0
mORF_-_2759042	2759042	2759086	-	6	45	TTG	TAA	0	0
mORF_-_2759126	2759126	2759137	-	6	12	TTG	TAA	0	0
mORF_-_2759204	2759204	2759212	-	6	9	TTG	TAA	0	0
mORF_-_2759308	2759308	2759361	-	5	54	TTG	TAG	0	0
mORF_-_2759324	2759324	2759428	-	6	105	TTG	TAA	0	0
mORF_-_2759368	2759368	2759376	-	5	9	TTG	TAG	0	0
mORF_-_2759373	2759373	2761562	-	4	2190	ATG	TGA	0	0
mORF_-_2759434	2759434	2759442	-	5	9	TTG	TAG	0	0
mORF_-_2759471	2759471	2759485	-	6	15	ATG	TGA	0	0
mORF_-_2759513	2759513	2759548	-	6	36	TTG	TAG	0	0
mORF_-_2759555	2759555	2759638	-	6	84	GTG	TAG	0	0
mORF_-_2759660	2759660	2759665	-	6	6	ATG	TAG	0	0
mORF_-_2759723	2759723	2759788	-	6	66	ATG	TGA	0	0
mORF_-_2759767	2759767	2759778	-	5	12	GTG	TGA	0	0
mORF_-_2759804	2759804	2759830	-	6	27	GTG	TGA	0	0
mORF_-_2759831	2759831	2759845	-	6	15	TTG	TAA	0	0
mORF_-_2759855	2759855	2759932	-	6	78	TTG	TGA	0	0
mORF_-_2759999	2759999	2760040	-	6	42	GTG	TGA	0	0
mORF_-_2760059	2760059	2760079	-	6	21	GTG	TGA	0	0
mORF_-_2760086	2760086	2760103	-	6	18	TTG	TAA	0	0
mORF_-_2760149	2760149	2760328	-	6	180	ATG	TAG	0	0
mORF_-_2760169	2760169	2760240	-	5	72	TTG	TGA	0	0
mORF_-_2760344	2760344	2760577	-	6	234	TTG	TGA	0	0
mORF_-_2760556	2760556	2760651	-	5	96	ATG	TGA	0	0
mORF_-_2760584	2760584	2760724	-	6	141	ATG	TGA	0	0
mORF_-_2760725	2760725	2760775	-	6	51	TTG	TAG	0	0
mORF_-_2760851	2760851	2760895	-	6	45	TTG	TAA	0	0
mORF_-_2760908	2760908	2760976	-	6	69	GTG	TGA	0	0
mORF_-_2760973	2760973	2761029	-	5	57	GTG	TGA	0	0
mORF_-_2760998	2760998	2761132	-	6	135	TTG	TAA	0	0
mORF_-_2761139	2761139	2761201	-	6	63	GTG	TGA	0	0
mORF_-_2761202	2761202	2761300	-	6	99	TTG	TGA	0	0
mORF_-_2761307	2761307	2761315	-	6	9	ATG	TGA	0	0
mORF_-_2761436	2761436	2761549	-	6	114	ATG	TGA	0	0
mORF_-_2761559	2761559	2763175	-	6	1617	ATG	TGA	0	0
mORF_-_2761573	2761573	2761587	-	5	15	TTG	TGA	0	0
mORF_-_2761597	2761597	2761722	-	5	126	ATG	TAA	0	0
mORF_-_2761605	2761605	2761643	-	4	39	TTG	TGA	0	0
mORF_-_2761750	2761750	2761962	-	5	213	TTG	TAA	0	0
mORF_-_2761872	2761872	2761910	-	4	39	TTG	TAA	0	0
mORF_-_2761971	2761971	2762000	-	4	30	TTG	TGA	0	0
mORF_-_2761975	2761975	2762163	-	5	189	ATG	TGA	0	0
mORF_-_2762043	2762043	2762087	-	4	45	TTG	TGA	0	0
mORF_-_2762188	2762188	2762208	-	5	21	TTG	TAA	0	0
mORF_-_2762215	2762215	2762508	-	5	294	GTG	TGA	0	0
mORF_-_2762259	2762259	2762270	-	4	12	ATG	TGA	0	0
mORF_-_2762442	2762442	2762468	-	4	27	GTG	TGA	0	0
mORF_-_2762542	2762542	2762607	-	5	66	ATG	TGA	0	0
mORF_-_2762550	2762550	2762702	-	4	153	TTG	TGA	0	0
mORF_-_2762644	2762644	2762694	-	5	51	ATG	TAG	0	0
mORF_-_2762728	2762728	2762760	-	5	33	ATG	TAA	0	0
mORF_-_2762812	2762812	2762943	-	5	132	GTG	TGA	0	0
mORF_-_2762886	2762886	2762891	-	4	6	GTG	TGA	0	0
mORF_-_2762937	2762937	2762978	-	4	42	TTG	TGA	0	0
mORF_-_2762998	2762998	2763102	-	5	105	ATG	TAA	0	0
mORF_-_2763148	2763148	2763192	-	5	45	TTG	TAG	0	0
mORF_-_2763204	2763204	2763239	-	4	36	GTG	TAA	0	0
mORF_-_2763215	2763215	2763223	-	6	9	GTG	TAA	0	0

mORF_-_2763236	2763236	2763352	-	6	117	ATG	TGA	0	0
mORF_-_2763247	2763247	2763276	-	5	30	ATG	TGA	0	0
mORF_-_2763267	2763267	2763314	-	4	48	TTG	TGA	0	0
mORF_-_2763301	2763301	2763312	-	5	12	GTG	TGA	0	0
mORF_-_2763342	2763342	2763362	-	4	21	TTG	TAA	0	0
mORF_-_2763363	2763363	2763437	-	4	75	GTG	TAG	0	0
mORF_-_2763437	2763437	2763445	-	6	9	GTG	TAG	0	0
mORF_-_2763445	2763445	2763453	-	5	9	GTG	TAG	0	0
mORF_-_2763453	2763453	2763461	-	4	9	GTG	TAG	0	0
mORF_-_2763461	2763461	2763535	-	6	75	ATG	TAG	0	0
mORF_-_2763469	2763469	2763531	-	5	63	GTG	TAG	0	0
mORF_-_2763477	2763477	2763485	-	4	9	GTG	TAG	0	0
mORF_-_2763501	2763501	2763506	-	4	6	GTG	TGA	0	0
mORF_-_2763535	2763535	2763798	-	5	264	ATG	TAA	0	0
mORF_-_2763582	2763582	2763599	-	4	18	ATG	TGA	0	0
mORF_-_2763596	2763596	2763640	-	6	45	GTG	TGA	0	0
mORF_-_2763606	2763606	2763629	-	4	24	ATG	TAG	0	0
mORF_-_2763759	2763759	2763791	-	4	33	ATG	TGA	0	0
mORF_-_2763855	2763855	2763917	-	4	63	ATG	TGA	0	0
mORF_-_2763869	2763869	2763880	-	6	12	TTG	TAA	0	0
mORF_-_2763877	2763877	2763885	-	5	9	GTG	TGA	0	0
mORF_-_2763887	2763887	2763946	-	6	60	TTG	TGA	0	0
mORF_-_2763954	2763954	2764010	-	4	57	ATG	TAA	0	0
mORF_-_2763964	2763964	2764005	-	5	42	TTG	TAA	0	0
mORF_-_2763974	2763974	2763982	-	6	9	TTG	TGA	0	0
mORF_-_2764007	2764007	2764039	-	6	33	TTG	TGA	0	0
mORF_-_2764023	2764023	2764118	-	4	96	ATG	TAG	0	0
mORF_-_2764027	2764027	2764035	-	5	9	TTG	TGA	0	0
mORF_-_2764046	2764046	2764060	-	6	15	TTG	TAG	0	0
mORF_-_2764057	2764057	2764185	-	5	129	TTG	TGA	0	0
mORF_-_2764097	2764097	2764108	-	6	12	TTG	TAA	0	0
mORF_-_2764142	2764142	2764147	-	6	6	TTG	TAG	0	0
mORF_-_2764149	2764149	2764169	-	4	21	TTG	TGA	0	0
mORF_-_2764189	2764189	2764254	-	5	66	TTG	TAA	0	0
mORF_-_2764197	2764197	2764217	-	4	21	TTG	TGA	0	0
mORF_-_2764214	2764214	2764270	-	6	57	TTG	TGA	0	0
mORF_-_2764294	2764294	2764404	-	5	111	ATG	TGA	0	0
mORF_-_2764341	2764341	2764370	-	4	30	GTG	TGA	0	0
mORF_-_2764377	2764377	2764409	-	4	33	GTG	TGA	0	0
mORF_-_2764406	2764406	2764447	-	6	42	ATG	TGA	0	0
mORF_-_2764449	2764449	2764463	-	4	15	GTG	TAA	0	0
mORF_-_2764510	2764510	2764608	-	5	99	GTG	TAG	0	0
mORF_-_2764545	2764545	2764565	-	4	21	GTG	TGA	0	0
mORF_-_2764689	2764689	2764748	-	4	60	ATG	TAA	0	0
mORF_-_2764741	2764741	2764908	-	5	168	GTG	TAA	0	0
mORF_-_2764803	2764803	2764865	-	4	63	GTG	TAA	0	0
mORF_-_2764893	2764893	2764994	-	4	102	TTG	TGA	0	0
mORF_-_2764999	2764999	2765283	-	5	285	TTG	TAA	0	0
mORF_-_2765120	2765120	2765272	-	6	153	ATG	TAG	0	0
mORF_-_2765244	2765244	2765270	-	4	27	GTG	TAA	0	0
mORF_-_2765292	2765292	2765450	-	4	159	TTG	TAA	0	0
mORF_-_2765297	2765297	2765308	-	6	12	ATG	TAA	0	0
mORF_-_2765318	2765318	2765356	-	6	39	TTG	TAG	0	0
mORF_-_2765389	2765389	2765508	-	5	120	GTG	TAG	0	0
mORF_-_2765457	2765457	2765555	-	4	99	TTG	TAA	0	0
mORF_-_2765468	2765468	2765512	-	6	45	GTG	TGA	0	0
mORF_-_2765549	2765549	2765620	-	6	72	TTG	TGA	0	0
mORF_-_2765569	2765569	2765631	-	5	63	ATG	TAG	0	0
mORF_-_2765643	2765643	2765669	-	4	27	TTG	TGA	0	0
mORF_-_2765718	2765718	2765759	-	4	42	GTG	TGA	0	0
mORF_-_2765825	2765825	2765833	-	6	9	GTG	TAA	0	0
mORF_-_2765833	2765833	2765994	-	5	162	ATG	TAG	0	0
mORF_-_2765922	2765922	2765945	-	4	24	GTG	TGA	0	0

mORF_-_2765954	2765954	2766169	-	6	216	ATG	TAA	0	0
mORF_-_2766096	2766096	2766161	-	4	66	ATG	TAA	0	0
mORF_-_2766142	2766142	2766531	-	5	390	ATG	TGA	0	0
mORF_-_2766194	2766194	2766280	-	6	87	ATG	TGA	0	0
mORF_-_2766284	2766284	2766301	-	6	18	ATG	TAG	0	0
mORF_-_2766363	2766363	2766449	-	4	87	GTG	TAA	0	0
mORF_-_2766404	2766404	2766415	-	6	12	ATG	TAG	0	0
mORF_-_2766535	2766535	2766636	-	5	102	TTG	TGA	0	0
mORF_-_2766614	2766614	2766670	-	6	57	ATG	TAA	0	0
mORF_-_2766685	2766685	2766720	-	5	36	TTG	TAA	0	0
mORF_-_2766759	2766759	2766935	-	4	177	ATG	TAA	0	0
mORF_-_2766784	2766784	2766897	-	5	114	GTG	TGA	0	0
mORF_-_2766818	2766818	2766835	-	6	18	GTG	TAG	0	0
mORF_-_2766945	2766945	2767109	-	4	165	GTG	TAG	0	0
mORF_-_2767004	2767004	2767111	-	6	108	TTG	TGA	0	0
mORF_-_2767045	2767045	2767107	-	5	63	GTG	TGA	0	0
mORF_-_2767127	2767127	2767345	-	6	219	GTG	TGA	0	0
mORF_-_2767132	2767132	2767239	-	5	108	TTG	TAA	0	0
mORF_-_2767209	2767209	2767517	-	4	309	ATG	TAA	0	0
mORF_-_2767282	2767282	2767308	-	5	27	GTG	TAA	0	0
mORF_-_2767415	2767415	2767495	-	6	81	GTG	TGA	0	0
mORF_-_2767456	2767456	2767488	-	5	33	GTG	TAA	0	0
mORF_-_2767514	2767514	2767546	-	6	33	GTG	TGA	0	0
mORF_-_2767530	2767530	2767556	-	4	27	ATG	TAA	0	0
mORF_-_2767559	2767559	2767579	-	6	21	TTG	TAG	0	0
mORF_-_2767597	2767597	2767686	-	5	90	GTG	TAA	0	0
mORF_-_2767607	2767607	2767654	-	6	48	ATG	TAA	0	0
mORF_-_2767683	2767683	2767691	-	4	9	ATG	TGA	0	0
mORF_-_2767694	2767694	2767852	-	6	159	GTG	TGA	0	0
mORF_-_2767698	2767698	2767748	-	4	51	ATG	TGA	0	0
mORF_-_2767723	2767723	2767731	-	5	9	GTG	TGA	0	0
mORF_-_2767762	2767762	2767773	-	5	12	GTG	TGA	0	0
mORF_-_2767901	2767901	2768074	-	6	174	TTG	TGA	0	0
mORF_-_2767920	2767920	2767976	-	4	57	GTG	TAA	0	0
mORF_-_2767963	2767963	2768100	-	5	138	ATG	TAA	0	0
mORF_-_2768120	2768120	2768260	-	6	141	GTG	TGA	0	0
mORF_-_2768196	2768196	2768276	-	4	81	ATG	TAA	0	0
mORF_-_2768257	2768257	2768262	-	5	6	GTG	TGA	0	0
mORF_-_2768282	2768282	2768350	-	6	69	ATG	TGA	0	0
mORF_-_2768358	2768358	2768384	-	4	27	ATG	TAA	0	0
mORF_-_2768374	2768374	2768388	-	5	15	GTG	TAA	0	0
mORF_-_2768385	2768385	2768543	-	4	159	GTG	TGA	0	0
mORF_-_2768392	2768392	2768418	-	5	27	GTG	TAA	0	0
mORF_-_2768441	2768441	2768455	-	6	15	ATG	TGA	0	0
mORF_-_2768540	2768540	2768815	-	6	276	GTG	TGA	0	0
mORF_-_2768658	2768658	2768672	-	4	15	TTG	TAA	0	0
mORF_-_2768689	2768689	2768718	-	5	30	GTG	TGA	0	0
mORF_-_2768846	2768846	2768899	-	6	54	GTG	TGA	0	0
mORF_-_2768857	2768857	2768889	-	5	33	ATG	TGA	0	0
mORF_-_2768910	2768910	2769089	-	4	180	ATG	TAA	0	0
mORF_-_2768957	2768957	2769097	-	6	141	TTG	TAG	0	0
mORF_-_2769046	2769046	2769126	-	5	81	TTG	TAA	0	0
mORF_-_2769123	2769123	2769212	-	4	90	TTG	TGA	0	0
mORF_-_2769185	2769185	2769451	-	6	267	TTG	TAG	0	0
mORF_-_2769268	2769268	2769330	-	5	63	GTG	TGA	0	0
mORF_-_2769355	2769355	2769513	-	5	159	ATG	TAA	0	0
mORF_-_2769426	2769426	2769467	-	4	42	TTG	TGA	0	0
mORF_-_2769464	2769464	2769598	-	6	135	TTG	TGA	0	0
mORF_-_2769544	2769544	2769627	-	5	84	GTG	TAG	0	0
mORF_-_2769573	2769573	2769614	-	4	42	ATG	TAA	0	0
mORF_-_2769614	2769614	2769658	-	6	45	ATG	TAA	0	0
mORF_-_2769627	2769627	2769725	-	4	99	GTG	TAG	0	0
mORF_-_2769652	2769652	2769663	-	5	12	TTG	TAG	0	0

mORF_-_2769752	2769752	2769832	-	6	81	GTG	TGA	0	0	
mORF_-_2769816	2769816	2769953	-	4	138	TTG	TAA	0	0	
mORF_-_2769854	2769854	2769865	-	6	12	TTG	TGA	0	0	
mORF_-_2769862	2769862	2770176	-	5	315	ATG	TGA	4	8	pORF_-_2769862
mORF_-_2769941	2769941	2770003	-	6	63	GTG	TGA	0	0	
mORF_-_2769954	2769954	2769959	-	4	6	ATG	TGA	0	0	
mORF_-_2769978	2769978	2770019	-	4	42	GTG	TGA	0	0	
mORF_-_2770044	2770044	2770055	-	4	12	GTG	TGA	0	0	
mORF_-_2770083	2770083	2770142	-	4	60	GTG	TAA	0	0	
mORF_-_2770178	2770178	2770324	-	6	147	GTG	TGA	0	0	
mORF_-_2770185	2770185	2770235	-	4	51	TTG	TAG	0	0	
mORF_-_2770189	2770189	2770782	-	5	594	TTG	TAA	1	2	pORF_-_2770189
mORF_-_2770251	2770251	2770259	-	4	9	TTG	TGA	0	0	
mORF_-_2770293	2770293	2770346	-	4	54	TTG	TGA	0	0	
mORF_-_2770365	2770365	2770379	-	4	15	TTG	TAG	0	0	
mORF_-_2770380	2770380	2770391	-	4	12	ATG	TGA	0	0	
mORF_-_2770395	2770395	2770451	-	4	57	TTG	TGA	0	0	
mORF_-_2770433	2770433	2770642	-	6	210	ATG	TGA	0	0	
mORF_-_2770551	2770551	2770700	-	4	150	TTG	TGA	0	0	
mORF_-_2770725	2770725	2770832	-	4	108	GTG	TAG	0	0	
mORF_-_2770858	2770858	2771058	-	5	201	ATG	TAA	0	0	
mORF_-_2770905	2770905	2770931	-	4	27	ATG	TGA	0	0	
mORF_-_2770941	2770941	2770964	-	4	24	TTG	TGA	0	0	
mORF_-_2770998	2770998	2771180	-	4	183	TTG	TGA	0	0	
mORF_-_2771099	2771099	2771110	-	6	12	TTG	TGA	0	0	
mORF_-_2771111	2771111	2771116	-	6	6	TTG	TGA	0	0	
mORF_-_2771129	2771129	2771173	-	6	45	GTG	TGA	0	0	
mORF_-_2771203	2771203	2771247	-	5	45	GTG	TAG	0	0	
mORF_-_2771234	2771234	2771386	-	6	153	TTG	TGA	0	0	
mORF_-_2771301	2771301	2771330	-	4	30	ATG	TAA	0	0	
mORF_-_2771352	2771352	2771465	-	4	114	TTG	TGA	0	0	
mORF_-_2771398	2771398	2771412	-	5	15	ATG	TAA	0	0	
mORF_-_2771462	2771462	2771485	-	6	24	GTG	TGA	0	0	
mORF_-_2771482	2771482	2771559	-	5	78	ATG	TGA	0	0	
mORF_-_2771508	2771508	2771534	-	4	27	TTG	TGA	0	0	
mORF_-_2771522	2771522	2771527	-	6	6	ATG	TAA	0	0	
mORF_-_2771537	2771537	2771569	-	6	33	ATG	TAA	0	0	
mORF_-_2771544	2771544	2771612	-	4	69	ATG	TGA	0	0	
mORF_-_2771587	2771587	2771595	-	5	9	ATG	TAA	0	0	
mORF_-_2771617	2771617	2771634	-	5	18	ATG	TAA	0	0	
mORF_-_2771624	2771624	2772043	-	6	420	TTG	TAA	1	3	pORF_-_2771624
mORF_-_2771644	2771644	2771763	-	5	120	GTG	TAA	0	0	
mORF_-_2771679	2771679	2771687	-	4	9	GTG	TAA	0	0	
mORF_-_2771767	2771767	2771781	-	5	15	TTG	TAA	0	0	
mORF_-_2771778	2771778	2771816	-	4	39	ATG	TGA	0	0	
mORF_-_2771800	2771800	2771859	-	5	60	TTG	TAA	0	0	
mORF_-_2771887	2771887	2772024	-	5	138	TTG	TAA	0	0	
mORF_-_2772040	2772040	2772072	-	5	33	GTG	TGA	0	0	
mORF_-_2772113	2772113	2772277	-	6	165	TTG	TAA	0	0	
mORF_-_2772183	2772183	2772224	-	4	42	TTG	TAG	0	0	
mORF_-_2772190	2772190	2772207	-	5	18	TTG	TGA	0	0	
mORF_-_2772247	2772247	2772258	-	5	12	ATG	TAG	0	0	
mORF_-_2772264	2772264	2772281	-	4	18	TTG	TAA	0	0	
mORF_-_2772292	2772292	2772306	-	5	15	TTG	TAA	0	0	
mORF_-_2772303	2772303	2772323	-	4	21	TTG	TGA	0	0	
mORF_-_2772320	2772320	2772343	-	6	24	TTG	TGA	0	0	
mORF_-_2772331	2772331	2772369	-	5	39	ATG	TAA	0	0	
mORF_-_2772336	2772336	2772350	-	4	15	TTG	TGA	0	0	
mORF_-_2772370	2772370	2772462	-	5	93	GTG	TAA	0	0	
mORF_-_2772396	2772396	2772455	-	4	60	ATG	TAA	0	0	
mORF_-_2772452	2772452	2772541	-	6	90	ATG	TGA	0	0	
mORF_-_2772465	2772465	2772512	-	4	48	TTG	TAG	0	0	
mORF_-_2772469	2772469	2772528	-	5	60	TTG	TAG	0	0	

mORF_-_2772541	2772541	2772549	-	5	9	TTG	TAA	0	0	
mORF_-_2772599	2772599	2772628	-	6	30	TTG	TAA	0	0	
mORF_-_2772625	2772625	2772720	-	5	96	TTG	TGA	0	0	
mORF_-_2772644	2772644	2772874	-	6	231	TTG	TAG	0	0	
mORF_-_2772708	2772708	2772755	-	4	48	ATG	TGA	0	0	
mORF_-_2772810	2772810	2772908	-	4	99	TTG	TAG	0	0	
mORF_-_2772899	2772899	2772997	-	6	99	ATG	TAA	0	0	
mORF_-_2772937	2772937	2772981	-	5	45	TTG	TAA	0	0	
mORF_-_2772975	2772975	2773001	-	4	27	ATG	TAG	0	0	
mORF_-_2773004	2773004	2773048	-	6	45	ATG	TAA	0	0	
mORF_-_2773032	2773032	2773058	-	4	27	TTG	TAA	0	0	
mORF_-_2773093	2773093	2773143	-	5	51	ATG	TAG	0	0	
mORF_-_2773110	2773110	2773139	-	4	30	GTG	TAA	0	0	
mORF_-_2773140	2773140	2773178	-	4	39	ATG	TGA	0	0	
mORF_-_2773171	2773171	2773431	-	5	261	TTG	TAA	0	0	
mORF_-_2773329	2773329	2773358	-	4	30	ATG	TAG	0	0	
mORF_-_2773359	2773359	2773403	-	4	45	ATG	TAA	0	0	
mORF_-_2773388	2773388	2773393	-	6	6	TTG	TAG	0	0	
mORF_-_2773409	2773409	2773465	-	6	57	TTG	TAA	0	0	
mORF_-_2773459	2773459	2773476	-	5	18	ATG	TGA	0	0	
mORF_-_2773477	2773477	2773503	-	5	27	ATG	TGA	0	0	
mORF_-_2773494	2773494	2773499	-	4	6	TTG	TAG	0	0	
mORF_-_2773524	2773524	2773574	-	4	51	TTG	TGA	0	0	
mORF_-_2773553	2773553	2773654	-	6	102	GTG	TGA	0	0	
mORF_-_2773591	2773591	2773755	-	5	165	ATG	TGA	0	0	
mORF_-_2773596	2773596	2773703	-	4	108	ATG	TAA	0	0	
mORF_-_2773704	2773704	2773802	-	4	99	GTG	TGA	0	0	
mORF_-_2773793	2773793	2773849	-	6	57	ATG	TAG	0	0	
mORF_-_2773806	2773806	2774363	-	4	558	GTG	TGA	0	0	
mORF_-_2773850	2773850	2773867	-	6	18	GTG	TAA	0	0	
mORF_-_2773864	2773864	2773875	-	5	12	TTG	TGA	0	0	
mORF_-_2773886	2773886	2773894	-	6	9	ATG	TAA	0	0	
mORF_-_2773891	2773891	2773905	-	5	15	ATG	TGA	0	0	
mORF_-_2773921	2773921	2773956	-	5	36	GTG	TAA	0	0	
mORF_-_2773925	2773925	2774089	-	6	165	ATG	TGA	1	2	pORF_-_2773925
mORF_-_2774144	2774144	2774230	-	6	87	TTG	TAA	0	0	
mORF_-_2774291	2774291	2774320	-	6	30	ATG	TGA	0	0	
mORF_-_2774348	2774348	2774389	-	6	42	ATG	TAA	0	0	
mORF_-_2774389	2774389	2774532	-	5	144	GTG	TAA	0	0	
mORF_-_2774406	2774406	2774423	-	4	18	GTG	TGA	0	0	
mORF_-_2774420	2774420	2774461	-	6	42	TTG	TGA	0	0	
mORF_-_2774424	2774424	2774522	-	4	99	ATG	TGA	0	0	
mORF_-_2774480	2774480	2774878	-	6	399	GTG	TAA	0	0	
mORF_-_2774533	2774533	2774754	-	5	222	GTG	TGA	0	0	
mORF_-_2774860	2774860	2775009	-	5	150	ATG	TAG	0	0	
mORF_-_2774895	2774895	2774900	-	4	6	ATG	TAA	0	0	
mORF_-_2774909	2774909	2774926	-	6	18	TTG	TGA	0	0	
mORF_-_2774967	2774967	2774975	-	4	9	GTG	TAG	0	0	
mORF_-_2775009	2775009	2775152	-	4	144	ATG	TAA	0	0	
mORF_-_2775035	2775035	2775109	-	6	75	GTG	TGA	0	0	
mORF_-_2775106	2775106	2775210	-	5	105	TTG	TGA	0	0	
mORF_-_2775131	2775131	2775448	-	6	318	TTG	TAA	0	0	
mORF_-_2775171	2775171	2775191	-	4	21	GTG	TGA	0	0	
mORF_-_2775220	2775220	2775378	-	5	159	TTG	TAG	0	0	
mORF_-_2775273	2775273	2775296	-	4	24	GTG	TAG	0	0	
mORF_-_2775384	2775384	2775482	-	4	99	GTG	TAA	0	0	
mORF_-_2775418	2775418	2775429	-	5	12	ATG	TAG	0	0	
mORF_-_2775436	2775436	2775444	-	5	9	GTG	TAA	0	0	
mORF_-_2775461	2775461	2775472	-	6	12	TTG	TGA	0	0	
mORF_-_2775484	2775484	2775543	-	5	60	TTG	TAG	0	0	
mORF_-_2775491	2775491	2775586	-	6	96	GTG	TAG	0	0	
mORF_-_2775547	2775547	2775726	-	5	180	TTG	TAG	0	0	
mORF_-_2775573	2775573	2775665	-	4	93	TTG	TAG	0	0	

mORF_-_2775662	2775662	2775766	-	6	105	TTG	TGA	0	0	
mORF_-_2775784	2775784	2775903	-	5	120	ATG	TAG	0	0	
mORF_-_2775809	2775809	2775961	-	6	153	TTG	TAA	0	0	
mORF_-_2775952	2775952	2775957	-	5	6	TTG	TAA	0	0	
mORF_-_2775958	2775958	2776008	-	5	51	TTG	TGA	0	0	
mORF_-_2775974	2775974	2776204	-	6	231	GTG	TAA	0	0	
mORF_-_2776009	2776009	2776143	-	5	135	GTG	TGA	0	0	
mORF_-_2776062	2776062	2776133	-	4	72	ATG	TGA	0	0	
mORF_-_2776168	2776168	2780877	-	5	4710	GTG	TGA	1	2	pORF_-_2776168
mORF_-_2776182	2776182	2776187	-	4	6	GTG	TGA	0	0	
mORF_-_2776191	2776191	2776244	-	4	54	TTG	TAG	0	0	
mORF_-_2776254	2776254	2776337	-	4	84	GTG	TAA	0	0	
mORF_-_2776347	2776347	2776367	-	4	21	TTG	TGA	0	0	
mORF_-_2776358	2776358	2776396	-	6	39	GTG	TGA	0	0	
mORF_-_2776389	2776389	2776403	-	4	15	TTG	TGA	0	0	
mORF_-_2776437	2776437	2776457	-	4	21	GTG	TGA	0	0	
mORF_-_2776491	2776491	2776499	-	4	9	ATG	TGA	0	0	
mORF_-_2776539	2776539	2776550	-	4	12	ATG	TAA	0	0	
mORF_-_2776557	2776557	2776646	-	4	90	GTG	TGA	0	0	
mORF_-_2776692	2776692	2776787	-	4	96	TTG	TGA	0	0	
mORF_-_2776721	2776721	2776732	-	6	12	TTG	TGA	0	0	
mORF_-_2776824	2776824	2776853	-	4	30	ATG	TAG	0	0	
mORF_-_2776884	2776884	2776958	-	4	75	ATG	TGA	0	0	
mORF_-_2777010	2777010	2777210	-	4	201	ATG	TAA	0	0	
mORF_-_2777214	2777214	2777240	-	4	27	GTG	TGA	0	0	
mORF_-_2777244	2777244	2777309	-	4	66	ATG	TGA	0	0	
mORF_-_2777334	2777334	2777483	-	4	150	ATG	TGA	0	0	
mORF_-_2777490	2777490	2777555	-	4	66	GTG	TGA	0	0	
mORF_-_2777577	2777577	2777636	-	4	60	GTG	TAA	0	0	
mORF_-_2777655	2777655	2777684	-	4	30	ATG	TGA	0	0	
mORF_-_2777694	2777694	2777750	-	4	57	ATG	TGA	0	0	
mORF_-_2777766	2777766	2777975	-	4	210	TTG	TAA	0	0	
mORF_-_2778003	2778003	2778026	-	4	24	ATG	TAG	0	0	
mORF_-_2778048	2778048	2778167	-	4	120	ATG	TAG	0	0	
mORF_-_2778180	2778180	2778197	-	4	18	ATG	TGA	0	0	
mORF_-_2778210	2778210	2778296	-	4	87	GTG	TAA	0	0	
mORF_-_2778399	2778399	2778617	-	4	219	ATG	TAA	0	0	
mORF_-_2778621	2778621	2778794	-	4	174	GTG	TAG	0	0	
mORF_-_2778816	2778816	2778968	-	4	153	TTG	TAG	0	0	
mORF_-_2779017	2779017	2779106	-	4	90	TTG	TAG	0	0	
mORF_-_2779107	2779107	2779220	-	4	114	TTG	TAA	0	0	
mORF_-_2779221	2779221	2779241	-	4	21	TTG	TGA	0	0	
mORF_-_2779278	2779278	2779388	-	4	111	TTG	TGA	0	0	
mORF_-_2779389	2779389	2779445	-	4	57	TTG	TAG	0	0	
mORF_-_2779446	2779446	2779502	-	4	57	TTG	TGA	0	0	
mORF_-_2779593	2779593	2779628	-	4	36	ATG	TAG	0	0	
mORF_-_2779632	2779632	2779676	-	4	45	ATG	TAA	0	0	
mORF_-_2779680	2779680	2779706	-	4	27	ATG	TAG	0	0	
mORF_-_2779710	2779710	2779763	-	4	54	ATG	TAA	0	0	
mORF_-_2779776	2779776	2779844	-	4	69	GTG	TAG	0	0	
mORF_-_2779884	2779884	2780006	-	4	123	GTG	TAA	0	0	
mORF_-_2780046	2780046	2780117	-	4	72	ATG	TGA	0	0	
mORF_-_2780136	2780136	2780171	-	4	36	ATG	TAG	0	0	
mORF_-_2780229	2780229	2780249	-	4	21	ATG	TAA	0	0	
mORF_-_2780265	2780265	2780303	-	4	39	GTG	TAG	0	0	
mORF_-_2780313	2780313	2780471	-	4	159	TTG	TAG	0	0	
mORF_-_2780487	2780487	2780615	-	4	129	ATG	TAG	0	0	
mORF_-_2780616	2780616	2780627	-	4	12	ATG	TAG	0	0	
mORF_-_2780631	2780631	2780681	-	4	51	ATG	TAA	0	0	
mORF_-_2780648	2780648	2780725	-	6	78	TTG	TAA	0	0	
mORF_-_2780796	2780796	2780813	-	4	18	ATG	TAA	0	0	
mORF_-_2780813	2780813	2780932	-	4	120	ATG	TGA	0	0	
mORF_-_2780874	2780874	2781032	-	4	159	TTG	TGA	0	0	

mORF_-_2780893	2780893	2780919	-	5	27	ATG	TGA	0	0
mORF_-_2780936	2780936	2780977	-	6	42	TTG	TAA	0	0
mORF_-_2780974	2780974	2780982	-	5	9	ATG	TGA	0	0
mORF_-_2781044	2781044	2781220	-	6	177	TTG	TAA	0	0
mORF_-_2781076	2781076	2781090	-	5	15	GTG	TGA	0	0
mORF_-_2781087	2781087	2781230	-	4	144	ATG	TGA	0	0
mORF_-_2781124	2781124	2781144	-	5	21	ATG	TAA	0	0
mORF_-_2781181	2781181	2781228	-	5	48	GTG	TAA	0	0
mORF_-_2781302	2781302	2781322	-	6	21	GTG	TGA	0	0
mORF_-_2781327	2781327	2781353	-	4	27	GTG	TAA	0	0
mORF_-_2781366	2781366	2781410	-	4	45	TTG	TGA	0	0
mORF_-_2781407	2781407	2781469	-	6	63	TTG	TGA	0	0
mORF_-_2781448	2781448	2781465	-	5	18	TTG	TAA	0	0
mORF_-_2781470	2781470	2781490	-	6	21	GTG	TAA	0	0
mORF_-_2781487	2781487	2781597	-	5	111	TTG	TGA	0	0
mORF_-_2781510	2781510	2781557	-	4	48	GTG	TGA	0	0
mORF_-_2781518	2781518	2781523	-	6	6	ATG	TAA	0	0
mORF_-_2781590	2781590	2781619	-	6	30	TTG	TAA	0	0
mORF_-_2781598	2781598	2781609	-	5	12	ATG	TGA	0	0
mORF_-_2781616	2781616	2781663	-	5	48	ATG	TGA	0	0
mORF_-_2781629	2781629	2781652	-	6	24	ATG	TAA	0	0
mORF_-_2781656	2781656	2781691	-	6	36	TTG	TAA	0	0
mORF_-_2781660	2781660	2782451	-	4	792	ATG	TGA	0	0
mORF_-_2781701	2781701	2781778	-	6	78	ATG	TGA	0	0
mORF_-_2781827	2781827	2781838	-	6	12	GTG	TGA	0	0
mORF_-_2781863	2781863	2781928	-	6	66	TTG	TAA	0	0
mORF_-_2781901	2781901	2781912	-	5	12	GTG	TAA	0	0
mORF_-_2781947	2781947	2782033	-	6	87	GTG	TGA	0	0
mORF_-_2781967	2781967	2781996	-	5	30	GTG	TAA	0	0
mORF_-_2782067	2782067	2782159	-	6	93	TTG	TAA	0	0
mORF_-_2782171	2782171	2782194	-	5	24	TTG	TAA	0	0
mORF_-_2782178	2782178	2782345	-	6	168	ATG	TGA	0	0
mORF_-_2782267	2782267	2782278	-	5	12	GTG	TAA	0	0
mORF_-_2782346	2782346	2782357	-	6	12	ATG	TGA	0	0
mORF_-_2782376	2782376	2782417	-	6	42	ATG	TAA	0	0
mORF_-_2782418	2782418	2782459	-	6	42	ATG	TAA	0	0
mORF_-_2782472	2782472	2782525	-	6	54	GTG	TAA	0	0
mORF_-_2782532	2782532	2782636	-	6	105	ATG	TAA	0	0
mORF_-_2782551	2782551	2783033	-	4	483	ATG	TAA	0	0
mORF_-_2782564	2782564	2782572	-	5	9	ATG	TAA	0	0
mORF_-_2782654	2782654	2782692	-	5	39	ATG	TAA	0	0
mORF_-_2782694	2782694	2782708	-	6	15	GTG	TAA	0	0
mORF_-_2782757	2782757	2782780	-	6	24	ATG	TAA	0	0
mORF_-_2782783	2782783	2782848	-	5	66	ATG	TAA	0	0
mORF_-_2782793	2782793	2782822	-	6	30	TTG	TAA	0	0
mORF_-_2782856	2782856	2782882	-	6	27	GTG	TGA	0	0
mORF_-_2782909	2782909	2782914	-	5	6	TTG	TAA	0	0
mORF_-_2782937	2782937	2782984	-	6	48	GTG	TAA	0	0
mORF_-_2783027	2783027	2783047	-	6	21	TTG	TAA	0	0
mORF_-_2783044	2783044	2783139	-	5	96	GTG	TGA	0	0
mORF_-_2783055	2783055	2783060	-	4	6	ATG	TAA	0	0
mORF_-_2783091	2783091	2783117	-	4	27	TTG	TAA	0	0
mORF_-_2783136	2783136	2783150	-	4	15	ATG	TGA	0	0
mORF_-_2783162	2783162	2783197	-	6	36	TTG	TAA	0	0
mORF_-_2783202	2783202	2783282	-	4	81	TTG	TAA	0	0
mORF_-_2783240	2783240	2783260	-	6	21	TTG	TAA	0	0
mORF_-_2783272	2783272	2783334	-	5	63	ATG	TAA	0	0
mORF_-_2783279	2783279	2783308	-	6	30	GTG	TGA	0	0
mORF_-_2783322	2783322	2783327	-	4	6	TTG	TGA	0	0
mORF_-_2783331	2783331	2783390	-	4	60	ATG	TGA	0	0
mORF_-_2783357	2783357	2783425	-	6	69	ATG	TGA	0	0
mORF_-_2783403	2783403	2783441	-	4	39	GTG	TAA	0	0
mORF_-_2783416	2783416	2783448	-	5	33	ATG	TAA	0	0

mORF_-_2783540	2783540	2783692	-	6	153	GTG	TAA	0	0
mORF_-_2783544	2783544	2783663	-	4	120	GTG	TAA	0	0
mORF_-_2783548	2783548	2783877	-	5	330	TTG	TAA	0	0
mORF_-_2783670	2783670	2783687	-	4	18	GTG	TGA	0	0
mORF_-_2783715	2783715	2783735	-	4	21	ATG	TGA	0	0
mORF_-_2783822	2783822	2784001	-	6	180	TTG	TAA	0	0
mORF_-_2783850	2783850	2783945	-	4	96	ATG	TAG	0	0
mORF_-_2783881	2783881	2783895	-	5	15	TTG	TAA	0	0
mORF_-_2783932	2783932	2783949	-	5	18	GTG	TAA	0	0
mORF_-_2783946	2783946	2784044	-	4	99	GTG	TGA	0	0
mORF_-_2783962	2783962	2784027	-	5	66	TTG	TAA	0	0
mORF_-_2784031	2784031	2784060	-	5	30	ATG	TAA	0	0
mORF_-_2784057	2784057	2784068	-	4	12	TTG	TGA	0	0
mORF_-_2784110	2784110	2784187	-	6	78	TTG	TAA	0	0
mORF_-_2784115	2784115	2784138	-	5	24	ATG	TAA	0	0
mORF_-_2784150	2784150	2784221	-	4	72	ATG	TAA	0	0
mORF_-_2784157	2784157	2784165	-	5	9	ATG	TGA	0	0
mORF_-_2784214	2784214	2784267	-	5	54	ATG	TAG	0	0
mORF_-_2784221	2784221	2784367	-	6	147	ATG	TAA	0	0
mORF_-_2784288	2784288	2784344	-	4	57	TTG	TAA	0	0
mORF_-_2784295	2784295	2784354	-	5	60	GTG	TAA	0	0
mORF_-_2784351	2784351	2784359	-	4	9	TTG	TGA	0	0
mORF_-_2784370	2784370	2784390	-	5	21	ATG	TAA	0	0
mORF_-_2784392	2784392	2784403	-	6	12	ATG	TAA	0	0
mORF_-_2784403	2784403	2784510	-	5	108	TTG	TAA	0	0
mORF_-_2784453	2784453	2784479	-	4	27	ATG	TAG	0	0
mORF_-_2784486	2784486	2784545	-	4	60	TTG	TAA	0	0
mORF_-_2784530	2784530	2784577	-	6	48	TTG	TAG	0	0
mORF_-_2784597	2784597	2784605	-	4	9	TTG	TAA	0	0
mORF_-_2784602	2784602	2784613	-	6	12	GTG	TGA	0	0
mORF_-_2784627	2784627	2784704	-	4	78	GTG	TAA	0	0
mORF_-_2784638	2784638	2784832	-	6	195	GTG	TAA	0	0
mORF_-_2784679	2784679	2784714	-	5	36	ATG	TAA	0	0
mORF_-_2784714	2784714	2784770	-	4	57	TTG	TAA	0	0
mORF_-_2784802	2784802	2784888	-	5	87	ATG	TGA	0	0
mORF_-_2784834	2784834	2784875	-	4	42	ATG	TAA	0	0
mORF_-_2784895	2784895	2784975	-	5	81	TTG	TAG	0	0
mORF_-_2784924	2784924	2784959	-	4	36	ATG	TAA	0	0
mORF_-_2784935	2784935	2784952	-	6	18	TTG	TGA	0	0
mORF_-_2784972	2784972	2784998	-	4	27	GTG	TGA	0	0
mORF_-_2784977	2784977	2784985	-	6	9	ATG	TAG	0	0
mORF_-_2784986	2784986	2784994	-	6	9	TTG	TAG	0	0
mORF_-_2785014	2785014	2785034	-	4	21	GTG	TAA	0	0
mORF_-_2785024	2785024	2785056	-	5	33	TTG	TGA	0	0
mORF_-_2785031	2785031	2785600	-	6	570	ATG	TGA	0	0
mORF_-_2785078	2785078	2785095	-	5	18	GTG	TGA	0	0
mORF_-_2785107	2785107	2785268	-	4	162	TTG	TGA	0	0
mORF_-_2785234	2785234	2785332	-	5	99	ATG	TGA	0	0
mORF_-_2785287	2785287	2785295	-	4	9	ATG	TAA	0	0
mORF_-_2785419	2785419	2785478	-	4	60	ATG	TGA	0	0
mORF_-_2785462	2785462	2785647	-	5	186	TTG	TGA	0	0
mORF_-_2785482	2785482	2785499	-	4	18	TTG	TAA	0	0
mORF_-_2785536	2785536	2785559	-	4	24	TTG	TGA	0	0
mORF_-_2785575	2785575	2785604	-	4	30	ATG	TAG	0	0
mORF_-_2785619	2785619	2785678	-	6	60	TTG	TAA	0	0
mORF_-_2785632	2785632	2785643	-	4	12	GTG	TAG	0	0
mORF_-_2785662	2785662	2785775	-	4	114	GTG	TAA	0	0
mORF_-_2785715	2785715	2785738	-	6	24	GTG	TAA	0	0
mORF_-_2785739	2785739	2785753	-	6	15	TTG	TGA	0	0
mORF_-_2785786	2785786	2785806	-	5	21	TTG	TAA	0	0
mORF_-_2785799	2785799	2785804	-	6	6	GTG	TAA	0	0
mORF_-_2785814	2785814	2785894	-	6	81	TTG	TAA	0	0
mORF_-_2785818	2785818	2785826	-	4	9	TTG	TAA	0	0

mORF_-_2785845	2785845	2785946	-	4	102	ATG	TAA	0	0	
mORF_-_2785852	2785852	2785857	-	5	6	ATG	TAA	0	0	
mORF_-_2785909	2785909	2785953	-	5	45	ATG	TAA	0	0	
mORF_-_2785950	2785950	2786036	-	4	87	ATG	TGA	0	0	
mORF_-_2785973	2785973	2785993	-	6	21	TTG	TGA	0	0	
mORF_-_2785990	2785990	2786097	-	5	108	TTG	TGA	0	0	
mORF_-_2786036	2786036	2786068	-	6	33	GTG	TGA	0	0	
mORF_-_2786105	2786105	2786131	-	6	27	TTG	TAG	0	0	
mORF_-_2786109	2786109	2786144	-	4	36	ATG	TAA	0	0	
mORF_-_2786163	2786163	2786207	-	4	45	TTG	TGA	0	0	
mORF_-_2786174	2786174	2786194	-	6	21	TTG	TAA	0	0	
mORF_-_2786204	2786204	2786308	-	6	105	GTG	TGA	0	0	
mORF_-_2786224	2786224	2786238	-	5	15	GTG	TAA	0	0	
mORF_-_2786277	2786277	2786363	-	4	87	TTG	TAG	0	0	
mORF_-_2786293	2786293	2786406	-	5	114	ATG	TAG	0	0	
mORF_-_2786312	2786312	2786422	-	6	111	ATG	TAA	0	0	
mORF_-_2786419	2786419	2786604	-	5	186	TTG	TGA	0	0	
mORF_-_2786429	2786429	2786488	-	6	60	TTG	TAG	0	0	
mORF_-_2786666	2786666	2786734	-	6	69	ATG	TAA	0	0	
mORF_-_2786724	2786724	2786750	-	4	27	ATG	TAG	0	0	
mORF_-_2786813	2786813	2786836	-	6	24	GTG	TAA	0	0	
mORF_-_2786843	2786843	2786920	-	6	78	ATG	TAA	0	0	
mORF_-_2786856	2786856	2786990	-	4	135	ATG	TAA	0	0	
mORF_-_2786884	2786884	2786889	-	5	6	TTG	TGA	0	0	
mORF_-_2786953	2786953	2786973	-	5	21	ATG	TAG	0	0	
mORF_-_2786980	2786980	2787030	-	5	51	TTG	TAG	0	0	
mORF_-_2786987	2786987	2787016	-	6	30	GTG	TGA	0	0	
mORF_-_2787046	2787046	2787090	-	5	45	TTG	TGA	0	0	
mORF_-_2787057	2787057	2787383	-	4	327	TTG	TAG	0	0	
mORF_-_2787116	2787116	2787250	-	6	135	ATG	TGA	0	0	
mORF_-_2787226	2787226	2787246	-	5	21	TTG	TAG	0	0	
mORF_-_2787268	2787268	2787366	-	5	99	ATG	TAG	0	0	
mORF_-_2787442	2787442	2787468	-	5	27	GTG	TGA	0	0	
mORF_-_2787450	2787450	2787497	-	4	48	GTG	TAG	0	0	
mORF_-_2787481	2787481	2788056	-	5	576	ATG	TAG	0	0	
mORF_-_2787519	2787519	2787608	-	4	90	TTG	TAA	0	0	
mORF_-_2787609	2787609	2787677	-	4	69	TTG	TAG	0	0	
mORF_-_2787732	2787732	2787866	-	4	135	TTG	TAG	0	0	
mORF_-_2787959	2787959	2788240	-	6	282	TTG	TAG	1	2	pORF_-_2787959
mORF_-_2788072	2788072	2788089	-	5	18	ATG	TAG	0	0	
mORF_-_2788123	2788123	2788140	-	5	18	TTG	TGA	0	0	
mORF_-_2788168	2788168	2788224	-	5	57	TTG	TAA	0	0	
mORF_-_2788237	2788237	2788248	-	5	12	ATG	TGA	0	0	
mORF_-_2788252	2788252	2788434	-	5	183	ATG	TAG	0	0	
mORF_-_2788316	2788316	2788534	-	6	219	ATG	TAA	0	0	
mORF_-_2788437	2788437	2788469	-	4	33	TTG	TGA	0	0	
mORF_-_2788524	2788524	2788586	-	4	63	TTG	TAA	0	0	
mORF_-_2788561	2788561	2788659	-	5	99	ATG	TGA	0	0	
mORF_-_2788583	2788583	2788768	-	6	186	ATG	TGA	0	0	
mORF_-_2788713	2788713	2788748	-	4	36	TTG	TAA	0	0	
mORF_-_2788726	2788726	2788734	-	5	9	ATG	TAA	0	0	
mORF_-_2788765	2788765	2788827	-	5	63	TTG	TGA	0	0	
mORF_-_2788770	2788770	2788808	-	4	39	TTG	TGA	0	0	
mORF_-_2788824	2788824	2788859	-	4	36	ATG	TGA	0	0	
mORF_-_2788837	2788837	2788959	-	5	123	TTG	TAG	0	0	
mORF_-_2788856	2788856	2788918	-	6	63	ATG	TGA	0	0	
mORF_-_2788925	2788925	2788984	-	6	60	TTG	TGA	0	0	
mORF_-_2788966	2788966	2789220	-	5	255	GTG	TAG	0	0	
mORF_-_2789006	2789006	2789113	-	6	108	GTG	TAA	0	0	
mORF_-_2789091	2789091	2789150	-	4	60	TTG	TGA	0	0	
mORF_-_2789144	2789144	2789185	-	6	42	TTG	TGA	0	0	
mORF_-_2789172	2789172	2789261	-	4	90	ATG	TGA	0	0	
mORF_-_2789249	2789249	2789536	-	6	288	TTG	TAA	0	0	

mORF_-_2789316	2789316	2789552	-	4	237	ATG	TAA	0	0
mORF_-_2789533	2789533	2789598	-	5	66	GTG	TGA	0	0
mORF_-_2789562	2789562	2789696	-	4	135	ATG	TAA	0	0
mORF_-_2789624	2789624	2789671	-	6	48	ATG	TAG	0	0
mORF_-_2789672	2789672	2789686	-	6	15	ATG	TAA	0	0
mORF_-_2789696	2789696	2789824	-	6	129	ATG	TGA	0	0
mORF_-_2789843	2789843	2790523	-	6	681	GTG	TGA	0	0
mORF_-_2790015	2790015	2790512	-	4	498	TTG	TAA	0	0
mORF_-_2790271	2790271	2790309	-	5	39	TTG	TGA	0	0
mORF_-_2790548	2790548	2790700	-	6	153	ATG	TAG	0	0
mORF_-_2790707	2790707	2790733	-	6	27	ATG	TAA	0	0
mORF_-_2790711	2790711	2790767	-	4	57	TTG	TAA	0	0
mORF_-_2790775	2790775	2791320	-	5	546	GTG	TAA	0	0
mORF_-_2790822	2790822	2790983	-	4	162	GTG	TGA	0	0
mORF_-_2791038	2791038	2791151	-	4	114	ATG	TGA	0	0
mORF_-_2791170	2791170	2791181	-	4	12	GTG	TGA	0	0
mORF_-_2791185	2791185	2791232	-	4	48	ATG	TAA	0	0
mORF_-_2791266	2791266	2791364	-	4	99	ATG	TAA	0	0
mORF_-_2791398	2791398	2791646	-	4	249	GTG	TAG	0	0
mORF_-_2791429	2791429	2792187	-	5	759	TTG	TAA	0	0
mORF_-_2791647	2791647	2791826	-	4	180	ATG	TAG	0	0
mORF_-_2791848	2791848	2791874	-	4	27	GTG	TGA	0	0
mORF_-_2791935	2791935	2791970	-	4	36	ATG	TAA	0	0
mORF_-_2791989	2791989	2792006	-	4	18	ATG	TGA	0	0
mORF_-_2792081	2792081	2792119	-	6	39	ATG	TAG	0	0
mORF_-_2792109	2792109	2792393	-	4	285	ATG	TAA	0	0
mORF_-_2792150	2792150	2792203	-	6	54	TTG	TAG	0	0
mORF_-_2792194	2792194	2792283	-	5	90	TTG	TGA	0	0
mORF_-_2792204	2792204	2792257	-	6	54	GTG	TAA	0	0
mORF_-_2792270	2792270	2792323	-	6	54	GTG	TGA	0	0
mORF_-_2792284	2792284	2792298	-	5	15	ATG	TGA	0	0
mORF_-_2792320	2792320	2792328	-	5	9	GTG	TGA	0	0
mORF_-_2792354	2792354	2792365	-	6	12	TTG	TAA	0	0
mORF_-_2792424	2792424	2792513	-	4	90	GTG	TAG	0	0
mORF_-_2792440	2792440	2792628	-	5	189	GTG	TAG	0	0
mORF_-_2792514	2792514	2792531	-	4	18	ATG	TAG	0	0
mORF_-_2792547	2792547	2792672	-	4	126	ATG	TAG	0	0
mORF_-_2792588	2792588	2792632	-	6	45	ATG	TAA	0	0
mORF_-_2792715	2792715	2792756	-	4	42	ATG	TAG	0	0
mORF_-_2792771	2792771	2792794	-	6	24	TTG	TAA	0	0
mORF_-_2792795	2792795	2792836	-	6	42	TTG	TAA	0	0
mORF_-_2792805	2792805	2792990	-	4	186	TTG	TAA	0	0
mORF_-_2792884	2792884	2792973	-	5	90	ATG	TAA	0	0
mORF_-_2793029	2793029	2793049	-	6	21	ATG	TAG	0	0
mORF_-_2793073	2793073	2793126	-	5	54	ATG	TAG	0	0
mORF_-_2793090	2793090	2793140	-	4	51	ATG	TAA	0	0
mORF_-_2793137	2793137	2793202	-	6	66	TTG	TGA	0	0
mORF_-_2793210	2793210	2793299	-	4	90	GTG	TAG	0	0
mORF_-_2793257	2793257	2793310	-	6	54	ATG	TGA	0	0
mORF_-_2793396	2793396	2793434	-	4	39	TTG	TAA	0	0
mORF_-_2793404	2793404	2793418	-	6	15	GTG	TGA	0	0
mORF_-_2793480	2793480	2793575	-	4	96	GTG	TAA	0	0
mORF_-_2793538	2793538	2793555	-	5	18	TTG	TAG	0	0
mORF_-_2793583	2793583	2793663	-	5	81	ATG	TAA	0	0
mORF_-_2793596	2793596	2793613	-	6	18	TTG	TAA	0	0
mORF_-_2793614	2793614	2793679	-	6	66	ATG	TAA	0	0
mORF_-_2793660	2793660	2793761	-	4	102	TTG	TGA	0	0
mORF_-_2793689	2793689	2793703	-	6	15	ATG	TGA	0	0
mORF_-_2793742	2793742	2793807	-	5	66	GTG	TAA	0	0
mORF_-_2793800	2793800	2793865	-	6	66	GTG	TAA	0	0
mORF_-_2793822	2793822	2793878	-	4	57	TTG	TAA	0	0
mORF_-_2793875	2793875	2793943	-	6	69	TTG	TGA	0	0
mORF_-_2793898	2793898	2794107	-	5	210	TTG	TAG	0	0

mORF_-_2793957	2793957	2794244	-	4	288	GTG	TAA	0	0	
mORF_-_2794183	2794183	2794323	-	5	141	TTG	TAA	0	0	
mORF_-_2794238	2794238	2794354	-	6	117	TTG	TGA	0	0	
mORF_-_2794296	2794296	2794310	-	4	15	ATG	TAA	0	0	
mORF_-_2794359	2794359	2794835	-	4	477	GTG	TAG	42	429	pORF_-_2794359
mORF_-_2794412	2794412	2794486	-	6	75	GTG	TAA	0	0	
mORF_-_2794547	2794547	2794597	-	6	51	TTG	TGA	0	0	
mORF_-_2794622	2794622	2794660	-	6	39	TTG	TGA	0	0	
mORF_-_2794670	2794670	2794684	-	6	15	ATG	TGA	0	0	
mORF_-_2794703	2794703	2794783	-	6	81	ATG	TGA	0	0	
mORF_-_2794787	2794787	2794792	-	6	6	TTG	TGA	0	0	
mORF_-_2794811	2794811	2794819	-	6	9	ATG	TAG	0	0	
mORF_-_2794816	2794816	2794887	-	5	72	GTG	TGA	0	0	
mORF_-_2794892	2794892	2795050	-	6	159	ATG	TAA	0	0	
mORF_-_2794924	2794924	2794944	-	5	21	TTG	TGA	0	0	
mORF_-_2794962	2794962	2794979	-	4	18	TTG	TAA	0	0	
mORF_-_2794989	2794989	2795078	-	4	90	ATG	TAA	0	0	
mORF_-_2795141	2795141	2795158	-	6	18	ATG	TAA	0	0	
mORF_-_2795159	2795159	2795188	-	6	30	ATG	TAA	0	0	
mORF_-_2795207	2795207	2795293	-	6	87	TTG	TAA	0	0	
mORF_-_2795212	2795212	2795250	-	5	39	TTG	TAA	0	0	
mORF_-_2795223	2795223	2795507	-	4	285	GTG	TAA	0	0	
mORF_-_2795281	2795281	2795301	-	5	21	GTG	TAA	0	0	
mORF_-_2795372	2795372	2795401	-	6	30	GTG	TAA	0	0	
mORF_-_2795398	2795398	2795457	-	5	60	TTG	TGA	0	0	
mORF_-_2795464	2795464	2795577	-	5	114	TTG	TAG	0	0	
mORF_-_2795520	2795520	2795558	-	4	39	ATG	TAG	0	0	
mORF_-_2795540	2795540	2795668	-	6	129	ATG	TAG	0	0	
mORF_-_2795602	2795602	2795643	-	5	42	ATG	TAA	0	0	
mORF_-_2795704	2795704	2795730	-	5	27	GTG	TAA	0	0	
mORF_-_2795709	2795709	2795750	-	4	42	GTG	TGA	0	0	
mORF_-_2795803	2795803	2795868	-	5	66	TTG	TAA	0	0	
mORF_-_2796005	2796005	2796028	-	6	24	TTG	TGA	0	0	
mORF_-_2796034	2796034	2796099	-	5	66	ATG	TAA	0	0	
mORF_-_2796113	2796113	2796517	-	6	405	ATG	TAA	49	920	pORF_-_2796113
mORF_-_2796118	2796118	2796216	-	5	99	ATG	TGA	0	0	
mORF_-_2796325	2796325	2796474	-	5	150	GTG	TGA	0	0	
mORF_-_2796489	2796489	2796581	-	4	93	GTG	TAA	0	0	
mORF_-_2796533	2796533	2796547	-	6	15	TTG	TAA	0	0	
mORF_-_2796578	2796578	2796598	-	6	21	TTG	TGA	0	0	
mORF_-_2796585	2796585	2796596	-	4	12	GTG	TAA	0	0	
mORF_-_2796657	2796657	2796671	-	4	15	TTG	TGA	0	0	
mORF_-_2796674	2796674	2796688	-	6	15	ATG	TAA	0	0	
mORF_-_2796707	2796707	2796805	-	6	99	ATG	TAA	0	0	
mORF_-_2796739	2796739	2796765	-	5	27	TTG	TAG	0	0	
mORF_-_2796762	2796762	2796812	-	4	51	GTG	TGA	0	0	
mORF_-_2796809	2796809	2796838	-	6	30	ATG	TGA	0	0	
mORF_-_2796828	2796828	2796884	-	4	57	GTG	TAA	0	0	
mORF_-_2796875	2796875	2796880	-	6	6	ATG	TAG	0	0	
mORF_-_2796907	2796907	2797005	-	5	99	TTG	TAA	0	0	
mORF_-_2796912	2796912	2796953	-	4	42	ATG	TGA	0	0	
mORF_-_2796969	2796969	2796983	-	4	15	ATG	TAA	0	0	
mORF_-_2796980	2796980	2797012	-	6	33	TTG	TGA	0	0	
mORF_-_2797036	2797036	2797086	-	5	51	ATG	TAA	0	0	
mORF_-_2797040	2797040	2797045	-	6	6	TTG	TAG	0	0	
mORF_-_2797083	2797083	2797124	-	4	42	TTG	TGA	0	0	
mORF_-_2797102	2797102	2797155	-	5	54	ATG	TAG	0	0	
mORF_-_2797149	2797149	2797187	-	4	39	ATG	TAA	0	0	
mORF_-_2797181	2797181	2797360	-	6	180	ATG	TAA	0	0	
mORF_-_2797201	2797201	2797215	-	5	15	ATG	TGA	0	0	
mORF_-_2797245	2797245	2797265	-	4	21	ATG	TAA	0	0	
mORF_-_2797311	2797311	2797400	-	4	90	TTG	TAA	0	0	
mORF_-_2797382	2797382	2797396	-	6	15	GTG	TAA	0	0	

mORF_-_2797403	2797403	2797465	-	6	63	GTG	TAA	0	0
mORF_-_2797486	2797486	2797509	-	5	24	ATG	TAA	0	0
mORF_-_2797509	2797509	2797538	-	4	30	ATG	TGA	0	0
mORF_-_2797526	2797526	2797534	-	6	9	TTG	TGA	0	0
mORF_-_2797607	2797607	2797657	-	6	51	ATG	TGA	0	0
mORF_-_2797614	2797614	2797697	-	4	84	ATG	TAA	0	0
mORF_-_2797672	2797672	2798016	-	5	345	ATG	TAA	0	0
mORF_-_2797698	2797698	2797736	-	4	39	ATG	TGA	0	0
mORF_-_2797727	2797727	2797804	-	6	78	TTG	TAG	0	0
mORF_-_2797866	2797866	2797937	-	4	72	ATG	TAA	0	0
mORF_-_2797950	2797950	2797982	-	4	33	TTG	TAA	0	0
mORF_-_2797979	2797979	2798092	-	6	114	ATG	TGA	0	0
mORF_-_2798047	2798047	2798067	-	5	21	ATG	TAG	0	0
mORF_-_2798068	2798068	2798073	-	5	6	TTG	TGA	0	0
mORF_-_2798129	2798129	2798134	-	6	6	GTG	TAG	0	0
mORF_-_2798141	2798141	2798146	-	6	6	ATG	TAA	0	0
mORF_-_2798153	2798153	2798236	-	6	84	TTG	TAG	0	0
mORF_-_2798164	2798164	2798232	-	5	69	TTG	TGA	0	0
mORF_-_2798229	2798229	2798324	-	4	96	ATG	TGA	0	0
mORF_-_2798233	2798233	2798286	-	5	54	TTG	TGA	0	0
mORF_-_2798237	2798237	2798374	-	6	138	TTG	TAA	0	0
mORF_-_2798317	2798317	2798502	-	5	186	TTG	TGA	0	0
mORF_-_2798463	2798463	2798474	-	4	12	GTG	TAA	0	0
mORF_-_2798477	2798477	2798572	-	6	96	GTG	TAA	0	0
mORF_-_2798569	2798569	2798658	-	5	90	TTG	TGA	0	0
mORF_-_2798583	2798583	2798621	-	4	39	GTG	TAG	0	0
mORF_-_2798659	2798659	2798664	-	5	6	ATG	TAG	0	0
mORF_-_2798665	2798665	2798724	-	5	60	ATG	TAG	0	0
mORF_-_2798679	2798679	2798708	-	4	30	ATG	TGA	0	0
mORF_-_2798721	2798721	2798975	-	4	255	GTG	TGA	0	0
mORF_-_2798726	2798726	2798752	-	6	27	ATG	TAA	0	0
mORF_-_2798759	2798759	2798764	-	6	6	GTG	TAA	0	0
mORF_-_2798780	2798780	2798797	-	6	18	TTG	TGA	0	0
mORF_-_2798891	2798891	2798947	-	6	57	ATG	TGA	0	0
mORF_-_2798950	2798950	2798988	-	5	39	ATG	TAA	0	0
mORF_-_2799001	2799001	2799078	-	5	78	TTG	TAG	0	0
mORF_-_2799075	2799075	2799164	-	4	90	GTG	TGA	0	0
mORF_-_2799109	2799109	2799114	-	5	6	ATG	TAA	0	0
mORF_-_2799130	2799130	2799810	-	5	681	TTG	TAA	0	0
mORF_-_2799182	2799182	2799382	-	6	201	TTG	TAA	0	0
mORF_-_2799444	2799444	2799464	-	4	21	ATG	TAG	0	0
mORF_-_2799465	2799465	2799572	-	4	108	TTG	TGA	0	0
mORF_-_2799606	2799606	2799650	-	4	45	GTG	TAG	0	0
mORF_-_2799635	2799635	2799859	-	6	225	ATG	TAA	0	0
mORF_-_2799693	2799693	2799698	-	4	6	GTG	TAA	0	0
mORF_-_2799829	2799829	2800110	-	5	282	TTG	TGA	0	0
mORF_-_2799840	2799840	2799926	-	4	87	TTG	TGA	0	0
mORF_-_2799863	2799863	2800030	-	6	168	TTG	TGA	0	0
mORF_-_2800031	2800031	2800093	-	6	63	ATG	TAA	0	0
mORF_-_2800098	2800098	2800106	-	4	9	TTG	TAG	0	0
mORF_-_2800144	2800144	2800359	-	5	216	GTG	TAA	0	0
mORF_-_2800155	2800155	2800256	-	4	102	GTG	TGA	0	0
mORF_-_2800217	2800217	2800225	-	6	9	GTG	TAA	0	0
mORF_-_2800253	2800253	2800270	-	6	18	TTG	TGA	0	0
mORF_-_2800320	2800320	2800349	-	4	30	ATG	TAA	0	0
mORF_-_2800359	2800359	2800406	-	4	48	TTG	TAG	0	0
mORF_-_2800461	2800461	2800514	-	4	54	ATG	TAG	0	0
mORF_-_2800550	2800550	2800840	-	6	291	GTG	TAA	0	0
mORF_-_2800561	2800561	2800602	-	5	42	ATG	TGA	0	0
mORF_-_2800584	2800584	2800670	-	4	87	GTG	TAG	0	0
mORF_-_2800618	2800618	2800641	-	5	24	GTG	TAA	0	0
mORF_-_2800705	2800705	2800764	-	5	60	GTG	TGA	0	0
mORF_-_2800716	2800716	2800769	-	4	54	ATG	TGA	0	0

mORF_-_2800789	2800789	2800881	-	5	93	ATG	TAA	0	0
mORF_-_2800797	2800797	2800817	-	4	21	ATG	TAG	0	0
mORF_-_2800821	2800821	2800853	-	4	33	TTG	TAA	0	0
mORF_-_2800863	2800863	2800940	-	4	78	TTG	TAG	0	0
mORF_-_2800871	2800871	2800909	-	6	39	GTG	TGA	0	0
mORF_-_2800937	2800937	2800948	-	6	12	GTG	TGA	0	0
mORF_-_2800945	2800945	2800986	-	5	42	TTG	TGA	0	0
mORF_-_2801047	2801047	2801337	-	5	291	ATG	TAA	0	0
mORF_-_2801051	2801051	2801134	-	6	84	TTG	TAG	0	0
mORF_-_2801094	2801094	2801108	-	4	15	TTG	TAG	0	0
mORF_-_2801148	2801148	2801156	-	4	9	TTG	TAA	0	0
mORF_-_2801175	2801175	2801216	-	4	42	TTG	TGA	0	0
mORF_-_2801283	2801283	2801315	-	4	33	GTG	TAA	0	0
mORF_-_2801343	2801343	2801402	-	4	60	TTG	TGA	0	0
mORF_-_2801412	2801412	2801435	-	4	24	TTG	TAA	0	0
mORF_-_2801432	2801432	2801509	-	6	78	GTG	TGA	0	0
mORF_-_2801445	2801445	2801450	-	4	6	ATG	TAA	0	0
mORF_-_2801460	2801460	2801480	-	4	21	GTG	TGA	0	0
mORF_-_2801511	2801511	2801774	-	4	264	GTG	TAA	0	0
mORF_-_2801522	2801522	2801536	-	6	15	GTG	TAG	0	0
mORF_-_2801549	2801549	2801665	-	6	117	ATG	TGA	0	0
mORF_-_2801665	2801665	2801781	-	5	117	ATG	TAA	0	0
mORF_-_2801738	2801738	2801770	-	6	33	GTG	TAA	0	0
mORF_-_2801794	2801794	2801826	-	5	33	ATG	TAA	0	0
mORF_-_2801810	2801810	2801911	-	6	102	GTG	TAA	0	0
mORF_-_2801835	2801835	2801870	-	4	36	TTG	TAA	0	0
mORF_-_2801857	2801857	2802228	-	5	372	TTG	TAG	0	0
mORF_-_2802009	2802009	2802062	-	4	54	TTG	TAG	0	0
mORF_-_2802086	2802086	2802556	-	6	471	TTG	TAA	0	0
mORF_-_2802114	2802114	2802119	-	4	6	ATG	TAG	0	0
mORF_-_2802132	2802132	2802143	-	4	12	ATG	TGA	0	0
mORF_-_2802210	2802210	2802233	-	4	24	GTG	TAG	0	0
mORF_-_2802288	2802288	2802299	-	4	12	TTG	TAA	0	0
mORF_-_2802331	2802331	2802405	-	5	75	GTG	TAA	0	0
mORF_-_2802421	2802421	2802612	-	5	192	TTG	TGA	0	0
mORF_-_2802549	2802549	2802653	-	4	105	TTG	TGA	0	0
mORF_-_2802572	2802572	2802577	-	6	6	GTG	TAG	0	0
mORF_-_2802593	2802593	2802643	-	6	51	TTG	TAA	0	0
mORF_-_2802677	2802677	2802721	-	6	45	ATG	TAA	0	0
mORF_-_2802682	2802682	2802714	-	5	33	TTG	TGA	0	0
mORF_-_2802711	2802711	2802728	-	4	18	ATG	TGA	0	0
mORF_-_2802718	2802718	2802735	-	5	18	ATG	TGA	0	0
mORF_-_2802747	2802747	2802815	-	4	69	TTG	TGA	0	0
mORF_-_2802763	2802763	2802843	-	5	81	TTG	TAA	0	0
mORF_-_2802830	2802830	2802838	-	6	9	ATG	TAG	0	0
mORF_-_2802849	2802849	2802917	-	4	69	TTG	TAA	0	0
mORF_-_2802856	2802856	2802891	-	5	36	GTG	TAA	0	0
mORF_-_2802866	2802866	2803213	-	6	348	TTG	TAA	0	0
mORF_-_2802901	2802901	2802927	-	5	27	TTG	TGA	0	0
mORF_-_2802924	2802924	2802935	-	4	12	TTG	TGA	0	0
mORF_-_2803012	2803012	2803044	-	5	33	TTG	TGA	0	0
mORF_-_2803020	2803020	2803088	-	4	69	TTG	TAA	0	0
mORF_-_2803185	2803185	2803349	-	4	165	TTG	TAA	0	0
mORF_-_2803243	2803243	2803281	-	5	39	GTG	TAA	0	0
mORF_-_2803346	2803346	2803438	-	6	93	GTG	TGA	0	0
mORF_-_2803378	2803378	2803428	-	5	51	ATG	TAA	0	0
mORF_-_2803464	2803464	2803553	-	4	90	TTG	TAA	0	0
mORF_-_2803478	2803478	2803597	-	6	120	TTG	TGA	0	0
mORF_-_2803546	2803546	2803581	-	5	36	GTG	TAA	0	0
mORF_-_2803657	2803657	2803734	-	5	78	GTG	TGA	0	0
mORF_-_2803769	2803769	2803813	-	6	45	ATG	TAG	0	0
mORF_-_2803822	2803822	2803893	-	5	72	GTG	TAA	0	0
mORF_-_2803833	2803833	2803847	-	4	15	TTG	TAA	0	0

mORF_-_2803878	2803878	2803967	-	4	90	TTG	TAA	0	0
mORF_-_2803903	2803903	2803935	-	5	33	GTG	TAA	0	0
mORF_-_2803919	2803919	2804170	-	6	252	TTG	TGA	0	0
mORF_-_2803981	2803981	2804328	-	5	348	TTG	TGA	0	0
mORF_-_2804040	2804040	2804237	-	4	198	GTG	TGA	0	0
mORF_-_2804304	2804304	2804600	-	4	297	GTG	TAA	0	0
mORF_-_2804312	2804312	2804350	-	6	39	GTG	TGA	0	0
mORF_-_2804375	2804375	2804467	-	6	93	TTG	TGA	0	0
mORF_-_2804567	2804567	2804626	-	6	60	TTG	TAA	0	0
mORF_-_2804613	2804613	2804792	-	4	180	TTG	TAA	0	0
mORF_-_2804720	2804720	2804761	-	6	42	ATG	TAA	0	0
mORF_-_2804796	2804796	2804873	-	4	78	ATG	TGA	0	0
mORF_-_2804904	2804904	2805239	-	4	336	ATG	TGA	0	0
mORF_-_2804984	2804984	2805085	-	6	102	ATG	TAA	0	0
mORF_-_2805022	2805022	2805207	-	5	186	TTG	TGA	0	0
mORF_-_2805128	2805128	2805154	-	6	27	TTG	TGA	0	0
mORF_-_2805200	2805200	2805205	-	6	6	GTG	TAG	0	0
mORF_-_2805255	2805255	2805269	-	4	15	GTG	TGA	0	0
mORF_-_2805316	2805316	2805555	-	5	240	TTG	TAA	0	0
mORF_-_2805321	2805321	2805335	-	4	15	TTG	TAA	0	0
mORF_-_2805329	2805329	2805391	-	6	63	TTG	TGA	0	0
mORF_-_2805351	2805351	2805356	-	4	6	TTG	TAA	0	0
mORF_-_2805363	2805363	2805431	-	4	69	ATG	TAG	0	0
mORF_-_2805395	2805395	2805418	-	6	24	GTG	TGA	0	0
mORF_-_2805482	2805482	2805496	-	6	15	GTG	TAA	0	0
mORF_-_2805501	2805501	2805689	-	4	189	GTG	TAA	0	0
mORF_-_2805539	2805539	2805553	-	6	15	GTG	TGA	0	0
mORF_-_2805613	2805613	2806035	-	5	423	ATG	TAA	0	0
mORF_-_2805711	2805711	2805737	-	4	27	ATG	TAG	0	0
mORF_-_2805737	2805737	2805853	-	6	117	GTG	TGA	0	0
mORF_-_2805744	2805744	2805758	-	4	15	TTG	TAG	0	0
mORF_-_2805771	2805771	2805881	-	4	111	TTG	TAA	0	0
mORF_-_2805900	2805900	2806043	-	4	144	TTG	TAA	0	0
mORF_-_2806048	2806048	2806095	-	5	48	GTG	TGA	0	0
mORF_-_2806062	2806062	2806199	-	4	138	TTG	TGA	0	0
mORF_-_2806085	2806085	2806252	-	6	168	ATG	TGA	0	0
mORF_-_2806150	2806150	2806272	-	5	123	ATG	TAA	0	0
mORF_-_2806233	2806233	2806250	-	4	18	GTG	TAG	0	0
mORF_-_2806269	2806269	2806289	-	4	21	ATG	TGA	0	0
mORF_-_2806283	2806283	2806321	-	6	39	GTG	TGA	0	0
mORF_-_2806311	2806311	2806355	-	4	45	ATG	TAA	0	0
mORF_-_2806318	2806318	2806332	-	5	15	TTG	TGA	0	0
mORF_-_2806352	2806352	2806396	-	6	45	GTG	TGA	0	0
mORF_-_2806387	2806387	2806434	-	5	48	ATG	TAG	0	0
mORF_-_2806421	2806421	2806447	-	6	27	ATG	TAA	0	0
mORF_-_2806492	2806492	2806599	-	5	108	ATG	TAA	0	0
mORF_-_2806605	2806605	2806715	-	4	111	GTG	TAA	0	0
mORF_-_2806618	2806618	2806914	-	5	297	TTG	TGA	0	0
mORF_-_2806667	2806667	2806681	-	6	15	TTG	TGA	0	0
mORF_-_2806746	2806746	2806889	-	4	144	GTG	TAA	0	0
mORF_-_2806871	2806871	2806891	-	6	21	TTG	TAA	0	0
mORF_-_2806898	2806898	2806909	-	6	12	GTG	TGA	0	0
mORF_-_2806911	2806911	2806922	-	4	12	GTG	TGA	0	0
mORF_-_2806915	2806915	2807016	-	5	102	ATG	TAG	0	0
mORF_-_2807010	2807010	2807054	-	4	45	GTG	TGA	0	0
mORF_-_2807027	2807027	2807164	-	6	138	GTG	TGA	0	0
mORF_-_2807062	2807062	2807169	-	5	108	GTG	TAG	0	0
mORF_-_2807076	2807076	2807201	-	4	126	ATG	TGA	0	0
mORF_-_2807198	2807198	2807320	-	6	123	ATG	TGA	0	0
mORF_-_2807221	2807221	2807292	-	5	72	GTG	TGA	0	0
mORF_-_2807308	2807308	2807334	-	5	27	TTG	TAA	0	0
mORF_-_2807350	2807350	2807355	-	5	6	ATG	TAA	0	0
mORF_-_2807402	2807402	2807416	-	6	15	ATG	TGA	0	0

mORF_-_2807463	2807463	2807519	-	4	57	TTG	TAA	0	0
mORF_-_2807468	2807468	2807494	-	6	27	ATG	TAA	0	0
mORF_-_2807512	2807512	2807526	-	5	15	TTG	TAA	0	0
mORF_-_2807541	2807541	2807546	-	4	6	GTG	TAA	0	0
mORF_-_2807547	2807547	2807570	-	4	24	ATG	TAA	0	0
mORF_-_2807570	2807570	2807596	-	6	27	ATG	TGA	0	0
mORF_-_2807606	2807606	2807620	-	6	15	TTG	TAA	0	0
mORF_-_2807614	2807614	2807697	-	5	84	TTG	TAA	0	0
mORF_-_2807624	2807624	2807635	-	6	12	GTG	TAA	0	0
mORF_-_2807649	2807649	2807657	-	4	9	GTG	TAG	0	0
mORF_-_2807705	2807705	2807908	-	6	204	ATG	TAA	0	0
mORF_-_2807722	2807722	2807808	-	5	87	ATG	TAA	0	0
mORF_-_2807809	2807809	2807889	-	5	81	ATG	TAA	0	0
mORF_-_2807835	2807835	2807879	-	4	45	GTG	TAA	0	0
mORF_-_2807886	2807886	2807927	-	4	42	GTG	TGA	0	0
mORF_-_2807924	2807924	2807956	-	6	33	TTG	TGA	0	0
mORF_-_2807940	2807940	2808020	-	4	81	TTG	TAA	0	0
mORF_-_2807944	2807944	2808069	-	5	126	ATG	TGA	0	0
mORF_-_2808075	2808075	2808167	-	4	93	ATG	TGA	0	0
mORF_-_2808086	2808086	2808142	-	6	57	TTG	TGA	0	0
mORF_-_2808145	2808145	2808465	-	5	321	TTG	TAA	0	0
mORF_-_2808167	2808167	2808229	-	6	63	TTG	TAA	0	0
mORF_-_2808174	2808174	2808188	-	4	15	GTG	TAA	0	0
mORF_-_2808327	2808327	2808347	-	4	21	ATG	TGA	0	0
mORF_-_2808335	2808335	2808355	-	6	21	TTG	TAA	0	0
mORF_-_2808396	2808396	2808560	-	4	165	GTG	TAG	0	0
mORF_-_2808425	2808425	2808583	-	6	159	GTG	TAG	0	0
mORF_-_2808538	2808538	2808627	-	5	90	GTG	TAG	0	0
mORF_-_2808617	2808617	2808640	-	6	24	ATG	TAG	0	0
mORF_-_2808637	2808637	2808648	-	5	12	GTG	TGA	0	0
mORF_-_2808665	2808665	2808733	-	6	69	ATG	TAG	0	0
mORF_-_2808694	2808694	2808708	-	5	15	TTG	TAA	0	0
mORF_-_2808720	2808720	2808821	-	4	102	TTG	TAG	0	0
mORF_-_2808782	2808782	2808814	-	6	33	ATG	TGA	0	0
mORF_-_2808825	2808825	2809001	-	4	177	GTG	TAG	0	0
mORF_-_2808863	2808863	2808925	-	6	63	TTG	TGA	0	0
mORF_-_2808976	2808976	2809182	-	5	207	GTG	TAA	0	0
mORF_-_2809007	2809007	2809051	-	6	45	TTG	TGA	0	0
mORF_-_2809038	2809038	2809139	-	4	102	TTG	TGA	0	0
mORF_-_2809140	2809140	2809157	-	4	18	GTG	TAA	0	0
mORF_-_2809176	2809176	2809292	-	4	117	TTG	TAA	0	0
mORF_-_2809202	2809202	2809225	-	6	24	GTG	TGA	0	0
mORF_-_2809219	2809219	2809227	-	5	9	TTG	TGA	0	0
mORF_-_2809238	2809238	2809261	-	6	24	TTG	TGA	0	0
mORF_-_2809319	2809319	2809447	-	6	129	TTG	TAG	0	0
mORF_-_2809336	2809336	2809386	-	5	51	ATG	TGA	0	0
mORF_-_2809350	2809350	2810156	-	4	807	TTG	TAA	0	0
mORF_-_2809426	2809426	2809458	-	5	33	TTG	TAA	0	0
mORF_-_2809469	2809469	2809531	-	6	63	GTG	TGA	0	0
mORF_-_2809546	2809546	2809614	-	5	69	ATG	TAA	0	0
mORF_-_2809646	2809646	2809816	-	6	171	TTG	TGA	0	0
mORF_-_2809717	2809717	2809770	-	5	54	GTG	TGA	0	0
mORF_-_2809807	2809807	2809866	-	5	60	GTG	TAA	0	0
mORF_-_2809874	2809874	2809951	-	6	78	GTG	TAG	0	0
mORF_-_2809982	2809982	2809999	-	6	18	TTG	TGA	0	0
mORF_-_2810033	2810033	2810059	-	6	27	GTG	TGA	0	0
mORF_-_2810120	2810120	2810242	-	6	123	TTG	TAA	0	0
mORF_-_2810158	2810158	2810166	-	5	9	TTG	TAA	0	0
mORF_-_2810255	2810255	2810275	-	6	21	GTG	TGA	0	0
mORF_-_2810269	2810269	2810352	-	5	84	GTG	TGA	0	0
mORF_-_2810282	2810282	2810389	-	6	108	TTG	TAA	0	0
mORF_-_2810349	2810349	2810897	-	4	549	ATG	TGA	0	0
mORF_-_2810396	2810396	2810491	-	6	96	GTG	TGA	0	0

mORF_-_2810491	2810491	2810517	-	5	27	TTG	TAG	0	0	
mORF_-_2810504	2810504	2810581	-	6	78	TTG	TGA	0	0	
mORF_-_2810563	2810563	2810574	-	5	12	GTG	TGA	0	0	
mORF_-_2810608	2810608	2810670	-	5	63	TTG	TAG	0	0	
mORF_-_2810678	2810678	2810707	-	6	30	ATG	TAA	0	0	
mORF_-_2810753	2810753	2810776	-	6	24	ATG	TAG	0	0	
mORF_-_2810773	2810773	2811009	-	5	237	TTG	TGA	0	0	
mORF_-_2810840	2810840	2810857	-	6	18	TTG	TAA	0	0	
mORF_-_2810906	2810906	2811091	-	6	186	TTG	TAG	0	0	
mORF_-_2811013	2811013	2811198	-	5	186	TTG	TAG	0	0	
mORF_-_2811027	2811027	2811041	-	4	15	TTG	TAG	0	0	
mORF_-_2811129	2811129	2811452	-	4	324	ATG	TAA	0	0	
mORF_-_2811155	2811155	2811259	-	6	105	GTG	TGA	0	0	
mORF_-_2811290	2811290	2811331	-	6	42	GTG	TAA	0	0	
mORF_-_2811328	2811328	2812008	-	5	681	TTG	TGA	0	0	
mORF_-_2811537	2811537	2811542	-	4	6	GTG	TAA	0	0	
mORF_-_2811693	2811693	2811956	-	4	264	TTG	TAG	0	0	
mORF_-_2811791	2811791	2811832	-	6	42	ATG	TAA	0	0	
mORF_-_2811953	2811953	2812018	-	6	66	ATG	TGA	0	0	
mORF_-_2811981	2811981	2812046	-	4	66	TTG	TGA	0	0	
mORF_-_2812047	2812047	2812070	-	4	24	TTG	TGA	0	0	
mORF_-_2812087	2812087	2812182	-	5	96	TTG	TGA	0	0	
mORF_-_2812130	2812130	2812141	-	6	12	ATG	TAG	0	0	
mORF_-_2812173	2812173	2812196	-	4	24	ATG	TAG	0	0	
mORF_-_2812183	2812183	2812215	-	5	33	TTG	TAG	0	0	
mORF_-_2812233	2812233	2812373	-	4	141	GTG	TAA	0	0	
mORF_-_2812240	2812240	2812755	-	5	516	ATG	TAG	57	1425	pORF_-_2812240
mORF_-_2812322	2812322	2812375	-	6	54	GTG	TAG	0	0	
mORF_-_2812419	2812419	2812481	-	4	63	TTG	TGA	0	0	
mORF_-_2812536	2812536	2812577	-	4	42	TTG	TAG	0	0	
mORF_-_2812614	2812614	2812670	-	4	57	ATG	TGA	0	0	
mORF_-_2812743	2812743	2812883	-	4	141	GTG	TAG	0	0	
mORF_-_2812756	2812756	2812836	-	5	81	ATG	TAA	0	0	
mORF_-_2812778	2812778	2812879	-	6	102	GTG	TAA	0	0	
mORF_-_2812858	2812858	2812926	-	5	69	GTG	TGA	0	0	
mORF_-_2812880	2812880	2812933	-	6	54	TTG	TGA	0	0	
mORF_-_2812905	2812905	2814461	-	4	1557	TTG	TGA	27	85	pORF_-_2812905
mORF_-_2812994	2812994	2813095	-	6	102	TTG	TAG	0	0	
mORF_-_2813126	2813126	2813164	-	6	39	GTG	TGA	0	0	
mORF_-_2813161	2813161	2813166	-	5	6	GTG	TGA	0	0	
mORF_-_2813321	2813321	2813353	-	6	33	TTG	TGA	0	0	
mORF_-_2813366	2813366	2813434	-	6	69	ATG	TGA	0	0	
mORF_-_2813380	2813380	2813394	-	5	15	GTG	TGA	0	0	
mORF_-_2813435	2813435	2813632	-	6	198	TTG	TAG	0	0	
mORF_-_2813681	2813681	2813716	-	6	36	TTG	TAG	0	0	
mORF_-_2813731	2813731	2813796	-	5	66	GTG	TAA	0	0	
mORF_-_2813753	2813753	2813968	-	6	216	GTG	TGA	0	0	
mORF_-_2813806	2813806	2813889	-	5	84	TTG	TGA	0	0	
mORF_-_2813965	2813965	2813973	-	5	9	GTG	TGA	0	0	
mORF_-_2814056	2814056	2814067	-	6	12	GTG	TGA	0	0	
mORF_-_2814094	2814094	2814165	-	5	72	GTG	TAA	0	0	
mORF_-_2814155	2814155	2814175	-	6	21	ATG	TAA	0	0	
mORF_-_2814221	2814221	2814280	-	6	60	TTG	TGA	0	0	
mORF_-_2814238	2814238	2814297	-	5	60	ATG	TGA	0	0	
mORF_-_2814317	2814317	2814391	-	6	75	GTG	TAG	0	0	
mORF_-_2814458	2814458	2814517	-	6	60	ATG	TGA	0	0	
mORF_-_2814493	2814493	2814546	-	5	54	GTG	TAA	0	0	
mORF_-_2814528	2814528	2814533	-	4	6	TTG	TAG	0	0	
mORF_-_2814534	2814534	2814962	-	4	429	GTG	TAA	0	0	
mORF_-_2814548	2814548	2814601	-	6	54	TTG	TGA	0	0	
mORF_-_2814595	2814595	2814660	-	5	66	GTG	TAA	0	0	
mORF_-_2814650	2814650	2814673	-	5	24	TTG	TAG	0	0	
mORF_-_2814689	2814689	2814712	-	6	24	ATG	TAA	0	0	

mORF_-_2814719	2814719	2814781	-	6	63	TTG	TGA	0	0	
mORF_-_2814794	2814794	2814805	-	6	12	TTG	TAA	0	0	
mORF_-_2814833	2814833	2814958	-	6	126	GTG	TAG	0	0	
mORF_-_2814955	2814955	2815194	-	5	240	GTG	TGA	0	0	
mORF_-_2814959	2814959	2815525	-	6	567	ATG	TGA	4	29	pORF_-_2814959
mORF_-_2815029	2815029	2815076	-	4	48	GTG	TGA	0	0	
mORF_-_2815191	2815191	2815232	-	4	42	TTG	TGA	0	0	
mORF_-_2815204	2815204	2815227	-	5	24	ATG	TAG	0	0	
mORF_-_2815237	2815237	2815251	-	5	15	TTG	TGA	0	0	
mORF_-_2815288	2815288	2815308	-	5	21	GTG	TAA	0	0	
mORF_-_2815312	2815312	2815320	-	5	9	ATG	TAG	0	0	
mORF_-_2815342	2815342	2815395	-	5	54	TTG	TGA	0	0	
mORF_-_2815386	2815386	2815448	-	4	63	GTG	TAA	0	0	
mORF_-_2815432	2815432	2815497	-	5	66	TTG	TAG	0	0	
mORF_-_2815494	2815494	2815538	-	4	45	TTG	TGA	0	0	
mORF_-_2815501	2815501	2815512	-	5	12	ATG	TAA	0	0	
mORF_-_2815555	2815555	2815680	-	5	126	ATG	TAG	0	0	
mORF_-_2815632	2815632	2815730	-	4	99	TTG	TAA	0	0	
mORF_-_2815764	2815764	2815784	-	4	21	ATG	TAG	0	0	
mORF_-_2815781	2815781	2815813	-	6	33	ATG	TGA	0	0	
mORF_-_2815873	2815873	2815884	-	5	12	ATG	TAG	0	0	
mORF_-_2815894	2815894	2815953	-	5	60	ATG	TAA	0	0	
mORF_-_2815923	2815923	2815937	-	4	15	TTG	TAG	0	0	
mORF_-_2815997	2815997	2816014	-	6	18	ATG	TAG	0	0	
mORF_-_2816039	2816039	2816059	-	6	21	ATG	TAG	0	0	
mORF_-_2816056	2816056	2816088	-	5	33	ATG	TGA	0	0	
mORF_-_2816148	2816148	2816159	-	4	12	ATG	TAG	0	0	
mORF_-_2816168	2816168	2816227	-	6	60	ATG	TAA	0	0	
mORF_-_2816197	2816197	2816211	-	5	15	TTG	TAG	0	0	
mORF_-_2816287	2816287	2816298	-	5	12	ATG	TAG	0	0	
mORF_-_2816312	2816312	2816368	-	6	57	ATG	TAA	0	0	
mORF_-_2816338	2816338	2816622	-	5	285	ATG	TAG	0	0	
mORF_-_2816412	2816412	2816420	-	4	9	TTG	TAG	0	0	
mORF_-_2816448	2816448	2816474	-	4	27	ATG	TAA	0	0	
mORF_-_2816562	2816562	2816573	-	4	12	TTG	TAG	0	0	
mORF_-_2816629	2816629	2816661	-	5	33	GTG	TAA	0	0	
mORF_-_2816646	2816646	2816729	-	4	84	GTG	TGA	0	0	
mORF_-_2816663	2816663	2816671	-	6	9	GTG	TGA	0	0	
mORF_-_2816701	2816701	2816757	-	5	57	TTG	TAA	0	0	
mORF_-_2816708	2816708	2816731	-	6	24	ATG	TGA	0	0	
mORF_-_2816747	2816747	2816761	-	6	15	TTG	TAA	0	0	
mORF_-_2816754	2816754	2816801	-	4	48	TTG	TGA	0	0	
mORF_-_2816768	2816768	2816788	-	6	21	GTG	TAG	0	0	
mORF_-_2816776	2816776	2816790	-	5	15	GTG	TAA	0	0	
mORF_-_2816798	2816798	2816875	-	6	78	TTG	TGA	0	0	
mORF_-_2816818	2816818	2816958	-	5	141	GTG	TGA	0	0	
mORF_-_2816955	2816955	2817065	-	4	111	ATG	TGA	0	0	
mORF_-_2816983	2816983	2817168	-	5	186	ATG	TAA	17	724	pORF_-_2816983
mORF_-_2817066	2817066	2817074	-	4	9	TTG	TAA	0	0	
mORF_-_2817108	2817108	2817128	-	4	21	TTG	TGA	0	0	
mORF_-_2817129	2817129	2817146	-	4	18	TTG	TGA	0	0	
mORF_-_2817140	2817140	2817262	-	6	123	ATG	TGA	0	0	
mORF_-_2817187	2817187	2817219	-	5	33	ATG	TAA	0	0	
mORF_-_2817219	2817219	2817260	-	4	42	GTG	TAA	0	0	
mORF_-_2817262	2817262	2817267	-	5	6	ATG	TAA	0	0	
mORF_-_2817268	2817268	2817279	-	5	12	ATG	TAG	0	0	
mORF_-_2817276	2817276	2817284	-	4	9	ATG	TGA	0	0	
mORF_-_2817284	2817284	2817382	-	6	99	GTG	TAA	0	0	
mORF_-_2817306	2817306	2817320	-	4	15	GTG	TAA	0	0	
mORF_-_2817325	2817325	2817387	-	5	63	ATG	TGA	0	0	
mORF_-_2817403	2817403	2820033	-	5	2631	ATG	TAA	193	1538	pORF_-_2817403
mORF_-_2817432	2817432	2817437	-	4	6	GTG	TGA	0	0	
mORF_-_2817441	2817441	2817539	-	4	99	TTG	TAG	0	0	

mORF_-_2817555	2817555	2817590	-	4	36	TTG	TGA	0	0	
mORF_-_2817654	2817654	2817737	-	4	84	TTG	TAA	0	0	
mORF_-_2817891	2817891	2817929	-	4	39	GTG	TAA	0	0	
mORF_-_2817939	2817939	2818037	-	4	99	GTG	TAA	0	0	
mORF_-_2818007	2818007	2818039	-	6	33	GTG	TGA	0	0	
mORF_-_2818065	2818065	2818115	-	4	51	GTG	TGA	0	0	
mORF_-_2818185	2818185	2818205	-	4	21	GTG	TGA	0	0	
mORF_-_2818221	2818221	2818292	-	4	72	ATG	TGA	0	0	
mORF_-_2818347	2818347	2818382	-	4	36	ATG	TGA	0	0	
mORF_-_2818407	2818407	2818478	-	4	72	TTG	TGA	0	0	
mORF_-_2818497	2818497	2818613	-	4	117	TTG	TGA	0	0	
mORF_-_2818635	2818635	2818682	-	4	48	GTG	TGA	0	0	
mORF_-_2818686	2818686	2818802	-	4	117	ATG	TGA	0	0	
mORF_-_2818790	2818790	2818798	-	6	9	TTG	TGA	0	0	
mORF_-_2818809	2818809	2818934	-	4	126	TTG	TGA	0	0	
mORF_-_2818953	2818953	2818967	-	4	15	TTG	TGA	0	0	
mORF_-_2818986	2818986	2818997	-	4	12	GTG	TGA	0	0	
mORF_-_2819019	2819019	2819126	-	4	108	ATG	TGA	0	0	
mORF_-_2819123	2819123	2819164	-	6	42	TTG	TGA	0	0	
mORF_-_2819136	2819136	2819144	-	4	9	ATG	TAA	0	0	
mORF_-_2819151	2819151	2819162	-	4	12	GTG	TGA	0	0	
mORF_-_2819244	2819244	2819303	-	4	60	TTG	TGA	0	0	
mORF_-_2819328	2819328	2819549	-	4	222	GTG	TAG	0	0	
mORF_-_2819405	2819405	2819500	-	6	96	GTG	TGA	0	0	
mORF_-_2819592	2819592	2819672	-	4	81	TTG	TAG	0	0	
mORF_-_2819633	2819633	2819701	-	6	69	ATG	TGA	0	0	
mORF_-_2819688	2819688	2819888	-	4	201	ATG	TGA	0	0	
mORF_-_2819901	2819901	2819963	-	4	63	TTG	TGA	0	0	
mORF_-_2820036	2820036	2820182	-	4	147	TTG	TAA	0	0	
mORF_-_2820052	2820052	2820069	-	5	18	GTG	TAG	0	0	
mORF_-_2820085	2820085	2820171	-	5	87	TTG	TAA	0	0	
mORF_-_2820161	2820161	2820661	-	6	501	ATG	TGA	1	5	pORF_-_2820161
mORF_-_2820202	2820202	2820330	-	5	129	GTG	TGA	0	0	
mORF_-_2820237	2820237	2820311	-	4	75	GTG	TAA	0	0	
mORF_-_2820321	2820321	2820326	-	4	6	ATG	TGA	0	0	
mORF_-_2820373	2820373	2820630	-	5	258	ATG	TGA	0	0	
mORF_-_2820468	2820468	2820476	-	4	9	GTG	TGA	0	0	
mORF_-_2820658	2820658	2820720	-	5	63	TTG	TGA	0	0	
mORF_-_2820671	2820671	2820724	-	6	54	TTG	TAA	0	0	
mORF_-_2820678	2820678	2820689	-	4	12	TTG	TAA	0	0	
mORF_-_2820730	2820730	2821806	-	5	1077	ATG	TAA	64	1199	pORF_-_2820730
mORF_-_2820753	2820753	2820770	-	4	18	ATG	TAG	0	0	
mORF_-_2820804	2820804	2820818	-	4	15	GTG	TGA	0	0	
mORF_-_2820861	2820861	2820905	-	4	45	GTG	TGA	0	0	
mORF_-_2820902	2820902	2820922	-	6	21	GTG	TGA	0	0	
mORF_-_2820951	2820951	2820965	-	4	15	TTG	TAA	0	0	
mORF_-_2821143	2821143	2821157	-	4	15	GTG	TGA	0	0	
mORF_-_2821185	2821185	2821193	-	4	9	TTG	TGA	0	0	
mORF_-_2821278	2821278	2821292	-	4	15	TTG	TGA	0	0	
mORF_-_2821341	2821341	2821361	-	4	21	TTG	TGA	0	0	
mORF_-_2821374	2821374	2821535	-	4	162	GTG	TAG	0	0	
mORF_-_2821400	2821400	2821444	-	6	45	GTG	TGA	0	0	
mORF_-_2821563	2821563	2821739	-	4	177	TTG	TGA	0	0	
mORF_-_2821803	2821803	2821847	-	4	45	TTG	TGA	0	0	
mORF_-_2821826	2821826	2821864	-	6	39	ATG	TGA	0	0	
mORF_-_2821848	2821848	2821898	-	4	51	GTG	TAA	0	0	
mORF_-_2821861	2821861	2822085	-	5	225	GTG	TGA	0	0	
mORF_-_2821871	2821871	2822371	-	6	501	GTG	TGA	9	23	pORF_-_2821871
mORF_-_2821941	2821941	2821961	-	4	21	ATG	TGA	0	0	
mORF_-_2822104	2822104	2822133	-	5	30	GTG	TAG	0	0	
mORF_-_2822134	2822134	2822145	-	5	12	ATG	TGA	0	0	
mORF_-_2822176	2822176	2822244	-	5	69	TTG	TGA	0	0	
mORF_-_2822235	2822235	2822282	-	4	48	TTG	TAG	0	0	

mORF_-_2822263	2822263	2822274	-	5	12	GTG	TAG	0	0	
mORF_-_2822296	2822296	2822310	-	5	15	GTG	TAA	0	0	
mORF_-_2822317	2822317	2822340	-	5	24	GTG	TGA	0	0	
mORF_-_2822350	2822350	2822358	-	5	9	GTG	TGA	0	0	
mORF_-_2822361	2822361	2822387	-	4	27	TTG	TGA	0	0	
mORF_-_2822368	2822368	2822373	-	5	6	TTG	TGA	0	0	
mORF_-_2822384	2822384	2822443	-	6	60	TTG	TGA	0	0	
mORF_-_2822392	2822392	2822412	-	5	21	GTG	TAA	0	0	
mORF_-_2822446	2822446	2822493	-	5	48	GTG	TAA	0	0	
mORF_-_2822513	2822513	2823703	-	6	1191	TTG	TAG	9	34	pORF_-_2822513
mORF_-_2822545	2822545	2822646	-	5	102	ATG	TAG	0	0	
mORF_-_2822698	2822698	2822748	-	5	51	ATG	TAA	0	0	
mORF_-_2822800	2822800	2822850	-	5	51	TTG	TGA	0	0	
mORF_-_2822847	2822847	2822861	-	4	15	GTG	TGA	0	0	
mORF_-_2822890	2822890	2822949	-	5	60	TTG	TAG	0	0	
mORF_-_2822995	2822995	2823072	-	5	78	ATG	TGA	0	0	
mORF_-_2823094	2823094	2823156	-	5	63	ATG	TGA	0	0	
mORF_-_2823114	2823114	2823167	-	4	54	GTG	TGA	0	0	
mORF_-_2823175	2823175	2823210	-	5	36	GTG	TGA	0	0	
mORF_-_2823186	2823186	2823260	-	4	75	ATG	TGA	0	0	
mORF_-_2823394	2823394	2823423	-	5	30	ATG	TGA	0	0	
mORF_-_2823457	2823457	2823561	-	5	105	TTG	TGA	0	0	
mORF_-_2823540	2823540	2823632	-	4	93	TTG	TAG	0	0	
mORF_-_2823577	2823577	2823609	-	5	33	ATG	TAA	0	0	
mORF_-_2823646	2823646	2823675	-	5	30	GTG	TGA	0	0	
mORF_-_2823691	2823691	2823696	-	5	6	ATG	TAA	0	0	
mORF_-_2823700	2823700	2823732	-	5	33	TTG	TGA	0	0	
mORF_-_2823729	2823729	2823761	-	4	33	ATG	TGA	0	0	
mORF_-_2823758	2823758	2823772	-	6	15	TTG	TGA	0	0	
mORF_-_2823769	2823769	2823867	-	5	99	ATG	TGA	0	0	
mORF_-_2823801	2823801	2823854	-	4	54	TTG	TAA	0	0	
mORF_-_2823806	2823806	2824027	-	6	222	TTG	TAA	0	0	
mORF_-_2823871	2823871	2823975	-	5	105	ATG	TGA	0	0	
mORF_-_2823972	2823972	2823983	-	4	12	GTG	TGA	0	0	
mORF_-_2824054	2824054	2824140	-	5	87	TTG	TAA	0	0	
mORF_-_2824106	2824106	2824177	-	6	72	GTG	TAG	0	0	
mORF_-_2824122	2824122	2824181	-	4	60	TTG	TAA	0	0	
mORF_-_2824165	2824165	2824206	-	5	42	TTG	TAA	0	0	
mORF_-_2824178	2824178	2824396	-	6	219	GTG	TGA	0	0	
mORF_-_2824203	2824203	2824277	-	4	75	GTG	TGA	0	0	
mORF_-_2824225	2824225	2824236	-	5	12	ATG	TAA	0	0	
mORF_-_2824288	2824288	2824374	-	5	87	ATG	TAA	0	0	
mORF_-_2824308	2824308	2824478	-	4	171	GTG	TGA	0	0	
mORF_-_2824393	2824393	2824422	-	5	30	ATG	TGA	0	0	
mORF_-_2824497	2824497	2824649	-	4	153	ATG	TAG	0	0	
mORF_-_2824502	2824502	2824543	-	6	42	GTG	TGA	0	0	
mORF_-_2824574	2824574	2824636	-	6	63	ATG	TAA	0	0	
mORF_-_2824636	2824636	2824842	-	5	207	TTG	TAA	0	0	
mORF_-_2824650	2824650	2824721	-	4	72	ATG	TAG	0	0	
mORF_-_2824734	2824734	2824766	-	4	33	GTG	TAA	0	0	
mORF_-_2824763	2824763	2824789	-	6	27	GTG	TGA	0	0	
mORF_-_2824812	2824812	2824886	-	4	75	GTG	TAG	0	0	
mORF_-_2824852	2824852	2824905	-	5	54	TTG	TAA	0	0	
mORF_-_2824902	2824902	2825234	-	4	333	ATG	TGA	0	0	
mORF_-_2824933	2824933	2825043	-	5	111	ATG	TAA	0	0	
mORF_-_2824952	2824952	2824960	-	6	9	ATG	TAA	0	0	
mORF_-_2824985	2824985	2825047	-	6	63	GTG	TAA	0	0	
mORF_-_2825069	2825069	2825095	-	6	27	GTG	TGA	0	0	
mORF_-_2825092	2825092	2825181	-	5	90	ATG	TGA	0	0	
mORF_-_2825117	2825117	2825125	-	6	9	GTG	TAA	0	0	
mORF_-_2825129	2825129	2825197	-	6	69	GTG	TAA	0	0	
mORF_-_2825265	2825265	2825273	-	4	9	GTG	TGA	0	0	
mORF_-_2825314	2825314	2825385	-	5	72	ATG	TAA	0	0	

mORF_-_2825360	2825360	2825554	-	6	195	TTG	TAA	0	0
mORF_-_2825398	2825398	2825508	-	5	111	ATG	TGA	0	0
mORF_-_2825505	2825505	2825561	-	4	57	GTG	TGA	0	0
mORF_-_2825558	2825558	2825632	-	6	75	ATG	TGA	0	0
mORF_-_2825575	2825575	2825613	-	5	39	TTG	TAG	0	0
mORF_-_2825629	2825629	2825679	-	5	51	GTG	TGA	0	0
mORF_-_2825654	2825654	2825794	-	6	141	TTG	TAA	0	0
mORF_-_2825764	2825764	2825781	-	5	18	ATG	TGA	0	0
mORF_-_2825778	2825778	2825888	-	4	111	GTG	TGA	0	0
mORF_-_2825798	2825798	2825956	-	6	159	TTG	TAA	0	0
mORF_-_2825860	2825860	2825946	-	5	87	GTG	TGA	0	0
mORF_-_2825946	2825946	2826035	-	4	90	TTG	TAG	0	0
mORF_-_2826083	2826083	2826256	-	6	174	TTG	TAG	0	0
mORF_-_2826154	2826154	2826165	-	5	12	ATG	TGA	0	0
mORF_-_2826169	2826169	2826210	-	5	42	TTG	TGA	0	0
mORF_-_2826174	2826174	2826260	-	4	87	GTG	TGA	0	0
mORF_-_2826253	2826253	2826378	-	5	126	TTG	TGA	0	0
mORF_-_2826257	2826257	2826298	-	6	42	ATG	TGA	0	0
mORF_-_2826288	2826288	2826353	-	4	66	GTG	TAA	0	0
mORF_-_2826341	2826341	2826442	-	6	102	TTG	TGA	0	0
mORF_-_2826400	2826400	2826423	-	5	24	TTG	TAA	0	0
mORF_-_2826466	2826466	2826516	-	5	51	GTG	TAG	0	0
mORF_-_2826513	2826513	2826602	-	4	90	ATG	TGA	0	0
mORF_-_2826539	2826539	2826556	-	6	18	ATG	TGA	0	0
mORF_-_2826574	2826574	2826609	-	5	36	ATG	TAG	0	0
mORF_-_2826602	2826602	2826625	-	6	24	GTG	TGA	0	0
mORF_-_2826625	2826625	2826690	-	5	66	TTG	TAG	0	0
mORF_-_2826630	2826630	2826812	-	4	183	ATG	TAA	0	0
mORF_-_2826641	2826641	2826655	-	6	15	GTG	TAA	0	0
mORF_-_2826697	2826697	2826711	-	5	15	TTG	TAA	0	0
mORF_-_2826722	2826722	2826742	-	6	21	GTG	TAA	0	0
mORF_-_2826742	2826742	2826912	-	5	171	ATG	TAG	0	0
mORF_-_2826825	2826825	2826845	-	4	21	GTG	TGA	0	0
mORF_-_2826851	2826851	2826898	-	6	48	TTG	TAA	0	0
mORF_-_2826899	2826899	2826976	-	6	78	ATG	TAA	0	0
mORF_-_2826922	2826922	2826948	-	5	27	ATG	TAA	0	0
mORF_-_2826983	2826983	2827039	-	6	57	ATG	TAA	0	0
mORF_-_2827048	2827048	2827440	-	5	393	ATG	TAG	0	0
mORF_-_2827053	2827053	2827070	-	4	18	ATG	TGA	0	0
mORF_-_2827061	2827061	2827171	-	6	111	TTG	TGA	0	0
mORF_-_2827086	2827086	2827217	-	4	132	ATG	TGA	0	0
mORF_-_2827265	2827265	2827282	-	6	18	GTG	TAG	0	0
mORF_-_2827272	2827272	2827508	-	4	237	TTG	TGA	0	0
mORF_-_2827453	2827453	2827476	-	5	24	TTG	TAG	0	0
mORF_-_2827478	2827478	2827522	-	6	45	ATG	TAG	0	0
mORF_-_2827519	2827519	2827557	-	5	39	ATG	TGA	0	0
mORF_-_2827524	2827524	2827619	-	4	96	GTG	TGA	0	0
mORF_-_2827632	2827632	2827718	-	4	87	TTG	TAA	0	0
mORF_-_2827640	2827640	2827696	-	6	57	TTG	TGA	0	0
mORF_-_2827785	2827785	2827895	-	4	111	TTG	TGA	0	0
mORF_-_2827864	2827864	2828040	-	5	177	GTG	TGA	0	0
mORF_-_2827901	2827901	2828077	-	6	177	GTG	TAA	0	0
mORF_-_2827944	2827944	2828021	-	4	78	TTG	TGA	0	0
mORF_-_2828125	2828125	2828349	-	5	225	ATG	TAA	0	0
mORF_-_2828181	2828181	2828237	-	4	57	TTG	TAG	0	0
mORF_-_2828216	2828216	2828437	-	6	222	ATG	TGA	0	0
mORF_-_2828364	2828364	2828465	-	4	102	GTG	TAA	0	0
mORF_-_2828434	2828434	2828517	-	5	84	GTG	TGA	0	0
mORF_-_2828474	2828474	2828563	-	6	90	TTG	TAA	0	0
mORF_-_2828548	2828548	2828754	-	5	207	GTG	TGA	0	0
mORF_-_2828571	2828571	2828615	-	4	45	GTG	TAA	0	0
mORF_-_2828585	2828585	2828671	-	6	87	TTG	TAA	0	0
mORF_-_2828715	2828715	2828726	-	4	12	GTG	TGA	0	0

mORF_-_2828751	2828751	2828762	-	4	12	TTG	TGA	0	0	
mORF_-_2828797	2828797	2830386	-	5	1590	ATG	TAA	0	0	
mORF_-_2828805	2828805	2828960	-	4	156	TTG	TGA	1	2	pORF_-_2828805
mORF_-_2828994	2828994	2829026	-	4	33	TTG	TGA	0	0	
mORF_-_2829030	2829030	2829038	-	4	9	ATG	TGA	0	0	
mORF_-_2829035	2829035	2829187	-	6	153	GTG	TGA	0	0	
mORF_-_2829066	2829066	2829149	-	4	84	GTG	TAG	0	0	
mORF_-_2829150	2829150	2829236	-	4	87	GTG	TAA	0	0	
mORF_-_2829267	2829267	2829398	-	4	132	ATG	TGA	0	0	
mORF_-_2829329	2829329	2829367	-	6	39	TTG	TAA	0	0	
mORF_-_2829411	2829411	2829488	-	4	78	TTG	TGA	0	0	
mORF_-_2829531	2829531	2829581	-	4	51	GTG	TGA	0	0	
mORF_-_2829603	2829603	2829668	-	4	66	GTG	TGA	0	0	
mORF_-_2829675	2829675	2829710	-	4	36	TTG	TGA	0	0	
mORF_-_2829729	2829729	2829749	-	4	21	TTG	TGA	0	0	
mORF_-_2829765	2829765	2829824	-	4	60	TTG	TGA	0	0	
mORF_-_2829825	2829825	2829836	-	4	12	ATG	TGA	0	0	
mORF_-_2829840	2829840	2829866	-	4	27	TTG	TAA	0	0	
mORF_-_2829867	2829867	2829896	-	4	30	ATG	TGA	0	0	
mORF_-_2829939	2829939	2829971	-	4	33	TTG	TGA	0	0	
mORF_-_2830008	2830008	2830196	-	4	189	ATG	TGA	0	0	
mORF_-_2830115	2830115	2830201	-	6	87	GTG	TAG	0	0	
mORF_-_2830227	2830227	2830298	-	4	72	TTG	TGA	0	0	
mORF_-_2830308	2830308	2830373	-	4	66	ATG	TGA	0	0	
mORF_-_2830379	2830379	2830444	-	6	66	TTG	TAG	0	0	
mORF_-_2830401	2830401	2830421	-	4	21	TTG	TAA	0	0	
mORF_-_2830405	2830405	2830458	-	5	54	TTG	TAA	0	0	
mORF_-_2830422	2830422	2830451	-	4	30	TTG	TGA	0	0	
mORF_-_2830452	2830452	2830523	-	4	72	ATG	TAA	0	0	
mORF_-_2830468	2830468	2831025	-	5	558	ATG	TAA	0	0	
mORF_-_2830563	2830563	2830571	-	4	9	GTG	TGA	0	0	
mORF_-_2830599	2830599	2830604	-	4	6	TTG	TAG	0	0	
mORF_-_2830608	2830608	2830646	-	4	39	GTG	TAG	0	0	
mORF_-_2830716	2830716	2830721	-	4	6	ATG	TAA	0	0	
mORF_-_2830727	2830727	2830777	-	6	51	GTG	TAA	0	0	
mORF_-_2830797	2830797	2830811	-	4	15	TTG	TAG	0	0	
mORF_-_2830842	2830842	2830952	-	4	111	ATG	TGA	0	0	
mORF_-_2830910	2830910	2830930	-	6	21	TTG	TGA	0	0	
mORF_-_2831010	2831010	2831033	-	4	24	TTG	TAG	0	0	
mORF_-_2831079	2831079	2831171	-	4	93	GTG	TAG	0	0	
mORF_-_2831102	2831102	2831119	-	6	18	GTG	TGA	0	0	
mORF_-_2831149	2831149	2831208	-	5	60	TTG	TAA	0	0	
mORF_-_2831244	2831244	2831264	-	4	21	ATG	TGA	0	0	
mORF_-_2831268	2831268	2831510	-	4	243	TTG	TAG	0	0	
mORF_-_2831309	2831309	2831341	-	6	33	GTG	TAG	0	0	
mORF_-_2831396	2831396	2831413	-	6	18	TTG	TAG	0	0	
mORF_-_2831494	2831494	2831535	-	5	42	GTG	TAA	0	0	
mORF_-_2831532	2831532	2831570	-	4	39	GTG	TGA	0	0	
mORF_-_2831647	2831647	2831661	-	5	15	GTG	TAA	0	0	
mORF_-_2831679	2831679	2831750	-	4	72	GTG	TGA	0	0	
mORF_-_2831726	2831726	2832061	-	6	336	TTG	TAA	0	0	
mORF_-_2831799	2831799	2831981	-	4	183	TTG	TAA	0	0	
mORF_-_2832013	2832013	2832021	-	5	9	ATG	TAG	0	0	
mORF_-_2832021	2832021	2832230	-	4	210	TTG	TAA	0	0	
mORF_-_2832145	2832145	2832252	-	5	108	TTG	TAA	0	0	
mORF_-_2832221	2832221	2832238	-	6	18	TTG	TGA	0	0	
mORF_-_2832306	2832306	2832344	-	4	39	TTG	TAA	0	0	
mORF_-_2832314	2832314	2832448	-	6	135	TTG	TGA	0	0	
mORF_-_2832433	2832433	2832666	-	5	234	GTG	TGA	0	0	
mORF_-_2832471	2832471	2832530	-	4	60	ATG	TAA	0	0	
mORF_-_2832545	2832545	2832580	-	6	36	ATG	TGA	0	0	
mORF_-_2832549	2832549	2832800	-	4	252	TTG	TAA	0	0	
mORF_-_2832581	2832581	2832637	-	6	57	GTG	TGA	0	0	

mORF_-_2832797	2832797	2832880	-	6	84	TTG	TGA	0	0	
mORF_-_2832802	2832802	2832822	-	5	21	TTG	TAA	0	0	
mORF_-_2832891	2832891	2832902	-	4	12	ATG	TAA	0	0	
mORF_-_2832930	2832930	2832941	-	4	12	TTG	TAA	0	0	
mORF_-_2833012	2833012	2833191	-	5	180	GTG	TGA	0	0	
mORF_-_2833121	2833121	2833165	-	6	45	ATG	TAG	0	0	
mORF_-_2833155	2833155	2833214	-	4	60	GTG	TAA	0	0	
mORF_-_2833195	2833195	2835519	-	5	2325	GTG	TAA	1	2	pORF_-_2833195
mORF_-_2833211	2833211	2833225	-	6	15	TTG	TGA	0	0	
mORF_-_2833218	2833218	2833406	-	4	189	GTG	TAG	0	0	
mORF_-_2833410	2833410	2833442	-	4	33	ATG	TGA	0	0	
mORF_-_2833439	2833439	2833453	-	6	15	GTG	TGA	0	0	
mORF_-_2833463	2833463	2833591	-	6	129	TTG	TAA	0	0	
mORF_-_2833551	2833551	2833607	-	4	57	ATG	TGA	0	0	
mORF_-_2833604	2833604	2833669	-	6	66	GTG	TGA	0	0	
mORF_-_2833611	2833611	2833874	-	4	264	GTG	TAA	0	0	
mORF_-_2833751	2833751	2833810	-	6	60	GTG	TGA	0	0	
mORF_-_2833871	2833871	2833912	-	6	42	GTG	TGA	0	0	
mORF_-_2833950	2833950	2834018	-	4	69	ATG	TGA	0	0	
mORF_-_2833964	2833964	2834002	-	6	39	GTG	TGA	0	0	
mORF_-_2834049	2834049	2834102	-	4	54	TTG	TGA	0	0	
mORF_-_2834054	2834054	2834065	-	6	12	GTG	TGA	0	0	
mORF_-_2834093	2834093	2834158	-	6	66	GTG	TGA	0	0	
mORF_-_2834136	2834136	2834180	-	4	45	GTG	TGA	0	0	
mORF_-_2834202	2834202	2834219	-	4	18	GTG	TGA	0	0	
mORF_-_2834216	2834216	2834263	-	6	48	GTG	TGA	0	0	
mORF_-_2834244	2834244	2834369	-	4	126	ATG	TGA	0	0	
mORF_-_2834400	2834400	2834417	-	4	18	TTG	TGA	0	0	
mORF_-_2834465	2834465	2834503	-	6	39	ATG	TAA	0	0	
mORF_-_2834550	2834550	2834804	-	4	255	TTG	TAA	0	0	
mORF_-_2834585	2834585	2834590	-	6	6	TTG	TGA	0	0	
mORF_-_2834817	2834817	2834870	-	4	54	ATG	TAA	0	0	
mORF_-_2834864	2834864	2834881	-	6	18	ATG	TGA	0	0	
mORF_-_2834874	2834874	2834963	-	4	90	GTG	TAA	0	0	
mORF_-_2834882	2834882	2834899	-	6	18	GTG	TGA	0	0	
mORF_-_2834960	2834960	2835124	-	6	165	TTG	TGA	0	0	
mORF_-_2835099	2835099	2835143	-	4	45	TTG	TGA	0	0	
mORF_-_2835153	2835153	2835275	-	4	123	TTG	TGA	0	0	
mORF_-_2835309	2835309	2835335	-	4	27	ATG	TAG	0	0	
mORF_-_2835326	2835326	2835430	-	6	105	TTG	TAA	0	0	
mORF_-_2835348	2835348	2835467	-	4	120	ATG	TAA	0	0	
mORF_-_2835464	2835464	2835508	-	6	45	ATG	TGA	0	0	
mORF_-_2835600	2835600	2836142	-	4	543	TTG	TAA	0	0	
mORF_-_2835638	2835638	2835667	-	6	30	GTG	TGA	0	0	
mORF_-_2835655	2835655	2835702	-	5	48	GTG	TAA	0	0	
mORF_-_2835671	2835671	2835769	-	6	99	ATG	TGA	0	0	
mORF_-_2835715	2835715	2835738	-	5	24	ATG	TGA	0	0	
mORF_-_2835757	2835757	2835864	-	5	108	TTG	TGA	0	0	
mORF_-_2835794	2835794	2835859	-	6	66	TTG	TGA	0	0	
mORF_-_2835875	2835875	2835946	-	6	72	GTG	TGA	0	0	
mORF_-_2835925	2835925	2835933	-	5	9	GTG	TAA	0	0	
mORF_-_2835943	2835943	2835957	-	5	15	TTG	TGA	0	0	
mORF_-_2835977	2835977	2835994	-	6	18	ATG	TGA	0	0	
mORF_-_2835985	2835985	2836065	-	5	81	GTG	TAA	0	0	
mORF_-_2836022	2836022	2836033	-	6	12	GTG	TGA	0	0	
mORF_-_2836067	2836067	2836111	-	6	45	TTG	TAG	0	0	
mORF_-_2836072	2836072	2836095	-	5	24	ATG	TGA	0	0	
mORF_-_2836105	2836105	2836272	-	5	168	TTG	TGA	0	0	
mORF_-_2836127	2836127	2836165	-	6	39	ATG	TGA	0	0	
mORF_-_2836149	2836149	2836169	-	4	21	GTG	TAA	0	0	
mORF_-_2836166	2836166	2836171	-	6	6	TTG	TGA	0	0	
mORF_-_2836209	2836209	2836292	-	4	84	TTG	TAA	0	0	
mORF_-_2836276	2836276	2837352	-	5	1077	TTG	TAA	4	25	pORF_-_2836276

mORF_-_2836311	2836311	2836355	-	4	45	ATG	TGA	0	0	
mORF_-_2836368	2836368	2836379	-	4	12	TTG	TGA	0	0	
mORF_-_2836413	2836413	2836460	-	4	48	ATG	TAA	0	0	
mORF_-_2836518	2836518	2836526	-	4	9	GTG	TGA	0	0	
mORF_-_2836527	2836527	2836553	-	4	27	TTG	TAG	0	0	
mORF_-_2836554	2836554	2836577	-	4	24	GTG	TAG	0	0	
mORF_-_2836568	2836568	2836624	-	6	57	ATG	TAA	0	0	
mORF_-_2836593	2836593	2836742	-	4	150	TTG	TAG	0	0	
mORF_-_2836796	2836796	2836807	-	6	12	GTG	TAA	0	0	
mORF_-_2836854	2836854	2836895	-	4	42	ATG	TAA	0	0	
mORF_-_2836920	2836920	2837057	-	4	138	GTG	TGA	0	0	
mORF_-_2837166	2837166	2837213	-	4	48	ATG	TAG	0	0	
mORF_-_2837292	2837292	2837309	-	4	18	TTG	TGA	0	0	
mORF_-_2837300	2837300	2837350	-	6	51	GTG	TAA	0	0	
mORF_-_2837310	2837310	2837432	-	4	123	TTG	TGA	0	0	
mORF_-_2837369	2837369	2837410	-	6	42	GTG	TGA	0	0	
mORF_-_2837383	2837383	2837388	-	5	6	TTG	TGA	0	0	
mORF_-_2837423	2837423	2837440	-	6	18	ATG	TAA	0	0	
mORF_-_2837461	2837461	2837553	-	5	93	TTG	TAA	0	0	
mORF_-_2837472	2837472	2837510	-	4	39	TTG	TGA	0	0	
mORF_-_2837511	2837511	2837516	-	4	6	ATG	TAG	0	0	
mORF_-_2837517	2837517	2837591	-	4	75	GTG	TAG	0	0	
mORF_-_2837522	2837522	2837626	-	6	105	GTG	TAG	0	0	
mORF_-_2837557	2837557	2837727	-	5	171	TTG	TAA	0	0	
mORF_-_2837652	2837652	2837666	-	4	15	GTG	TGA	0	0	
mORF_-_2837734	2837734	2837751	-	5	18	TTG	TGA	0	0	
mORF_-_2837742	2837742	2837762	-	4	21	GTG	TAA	0	0	
mORF_-_2837759	2837759	2837764	-	6	6	TTG	TGA	0	0	
mORF_-_2837770	2837770	2838198	-	5	429	GTG	TGA	0	0	
mORF_-_2837781	2837781	2837813	-	4	33	GTG	TGA	0	0	
mORF_-_2837835	2837835	2837891	-	4	57	GTG	TGA	0	0	
mORF_-_2837925	2837925	2838047	-	4	123	ATG	TGA	0	0	
mORF_-_2837984	2837984	2838157	-	6	174	ATG	TAA	0	0	
mORF_-_2838180	2838180	2838242	-	4	63	ATG	TGA	0	0	
mORF_-_2838199	2838199	2838378	-	5	180	ATG	TAG	1	3	pORF_-_2838199
mORF_-_2838239	2838239	2838403	-	6	165	ATG	TGA	0	0	
mORF_-_2838267	2838267	2838272	-	4	6	GTG	TAA	0	0	
mORF_-_2838294	2838294	2838335	-	4	42	TTG	TGA	0	0	
mORF_-_2838391	2838391	2838399	-	5	9	ATG	TAA	0	0	
mORF_-_2838406	2838406	2838498	-	5	93	ATG	TAA	0	0	
mORF_-_2838422	2838422	2838475	-	6	54	GTG	TGA	0	0	
mORF_-_2838483	2838483	2838491	-	4	9	TTG	TAA	0	0	
mORF_-_2838499	2838499	2838537	-	5	39	ATG	TGA	0	0	
mORF_-_2838555	2838555	2838644	-	4	90	ATG	TAG	0	0	
mORF_-_2838619	2838619	2838897	-	5	279	GTG	TGA	0	0	
mORF_-_2838677	2838677	2838778	-	6	102	GTG	TAA	0	0	
mORF_-_2838735	2838735	2838782	-	4	48	TTG	TAA	0	0	
mORF_-_2838797	2838797	2839123	-	6	327	GTG	TAG	0	0	
mORF_-_2838801	2838801	2838836	-	4	36	TTG	TAA	0	0	
mORF_-_2838894	2838894	2838899	-	4	6	GTG	TGA	0	0	
mORF_-_2838958	2838958	2838984	-	5	27	TTG	TGA	0	0	
mORF_-_2838996	2838996	2839106	-	4	111	GTG	TAA	0	0	
mORF_-_2839036	2839036	2839224	-	5	189	ATG	TAA	0	0	
mORF_-_2839227	2839227	2839331	-	4	105	TTG	TAA	0	0	
mORF_-_2839265	2839265	2839285	-	6	21	TTG	TGA	0	0	
mORF_-_2839282	2839282	2839431	-	5	150	ATG	TGA	0	0	
mORF_-_2839332	2839332	2839343	-	4	12	ATG	TGA	0	0	
mORF_-_2839350	2839350	2839466	-	4	117	TTG	TAA	0	0	
mORF_-_2839481	2839481	2839513	-	6	33	ATG	TGA	0	0	
mORF_-_2839488	2839488	2839559	-	4	72	ATG	TAG	0	0	
mORF_-_2839537	2839537	2839647	-	5	111	GTG	TAG	0	0	
mORF_-_2839644	2839644	2839676	-	4	33	TTG	TGA	0	0	
mORF_-_2839666	2839666	2839701	-	5	36	TTG	TAG	0	0	

mORF_-_2839743	2839743	2839829	-	4	87	GTG	TAA	0	0	
mORF_-_2839839	2839839	2839916	-	4	78	GTG	TAA	0	0	
mORF_-_2839877	2839877	2839888	-	6	12	GTG	TGA	0	0	
mORF_-_2839934	2839934	2840062	-	6	129	GTG	TGA	0	0	
mORF_-_2839941	2839941	2840081	-	4	141	ATG	TAA	0	0	
mORF_-_2840075	2840075	2840143	-	6	69	TTG	TGA	0	0	
mORF_-_2840103	2840103	2840162	-	4	60	TTG	TGA	0	0	
mORF_-_2840181	2840181	2840189	-	4	9	ATG	TAG	0	0	
mORF_-_2840189	2840189	2840266	-	6	78	ATG	TGA	0	0	
mORF_-_2840193	2840193	2840243	-	4	51	ATG	TAG	0	0	
mORF_-_2840197	2840197	2840208	-	5	12	ATG	TAA	0	0	
mORF_-_2840256	2840256	2840312	-	4	57	TTG	TAG	0	0	
mORF_-_2840294	2840294	2840533	-	6	240	ATG	TAG	0	0	
mORF_-_2840316	2840316	2840372	-	4	57	GTG	TAG	0	0	
mORF_-_2840428	2840428	2840487	-	5	60	GTG	TAA	0	0	
mORF_-_2840475	2840475	2840540	-	4	66	ATG	TAG	0	0	
mORF_-_2840540	2840540	2840554	-	6	15	GTG	TGA	0	0	
mORF_-_2840551	2840551	2840568	-	5	18	ATG	TGA	0	0	
mORF_-_2840595	2840595	2841065	-	4	471	GTG	TAG	2	6	pORF_-_2840595
mORF_-_2840612	2840612	2840632	-	6	21	ATG	TAG	0	0	
mORF_-_2840669	2840669	2840677	-	6	9	ATG	TAG	0	0	
mORF_-_2840741	2840741	2840752	-	6	12	TTG	TGA	0	0	
mORF_-_2840807	2840807	2840830	-	6	24	ATG	TGA	0	0	
mORF_-_2840861	2840861	2840887	-	6	27	TTG	TAA	0	0	
mORF_-_2840888	2840888	2840956	-	6	69	TTG	TGA	0	0	
mORF_-_2840957	2840957	2841022	-	6	66	ATG	TGA	0	0	
mORF_-_2840968	2840968	2840991	-	5	24	GTG	TAA	0	0	
mORF_-_2841029	2841029	2841046	-	6	18	GTG	TGA	0	0	
mORF_-_2841058	2841058	2841468	-	5	411	ATG	TGA	0	0	
mORF_-_2841081	2841081	2841113	-	4	33	ATG	TGA	0	0	
mORF_-_2841110	2841110	2841142	-	6	33	ATG	TGA	0	0	
mORF_-_2841123	2841123	2841425	-	4	303	TTG	TAA	0	0	
mORF_-_2841266	2841266	2841295	-	6	30	ATG	TGA	0	0	
mORF_-_2841305	2841305	2841340	-	6	36	TTG	TGA	0	0	
mORF_-_2841438	2841438	2841464	-	4	27	GTG	TGA	0	0	
mORF_-_2841461	2841461	2841493	-	6	33	ATG	TGA	0	0	
mORF_-_2841465	2841465	2842232	-	4	768	ATG	TGA	0	0	
mORF_-_2841497	2841497	2841511	-	6	15	TTG	TGA	0	0	
mORF_-_2841518	2841518	2841556	-	6	39	TTG	TGA	0	0	
mORF_-_2841575	2841575	2841601	-	6	27	TTG	TAG	0	0	
mORF_-_2841653	2841653	2842117	-	6	465	ATG	TGA	0	0	
mORF_-_2841832	2841832	2841849	-	5	18	GTG	TAA	0	0	
mORF_-_2841883	2841883	2841936	-	5	54	GTG	TAA	0	0	
mORF_-_2842042	2842042	2842083	-	5	42	TTG	TGA	0	0	
mORF_-_2842154	2842154	2842174	-	6	21	ATG	TGA	0	0	
mORF_-_2842181	2842181	2842210	-	6	30	GTG	TGA	0	0	
mORF_-_2842232	2842232	2842774	-	6	543	ATG	TGA	0	0	
mORF_-_2842258	2842258	2842605	-	5	348	TTG	TGA	0	0	
mORF_-_2842263	2842263	2842289	-	4	27	ATG	TGA	0	0	
mORF_-_2842299	2842299	2842313	-	4	15	TTG	TAA	0	0	
mORF_-_2842362	2842362	2842475	-	4	114	GTG	TAA	0	0	
mORF_-_2842602	2842602	2842658	-	4	57	GTG	TGA	0	0	
mORF_-_2842609	2842609	2842707	-	5	99	TTG	TAA	0	0	
mORF_-_2842784	2842784	2844514	-	6	1731	GTG	TAA	0	0	
mORF_-_2842789	2842789	2842869	-	5	81	ATG	TGA	0	0	
mORF_-_2842860	2842860	2842904	-	4	45	TTG	TAA	0	0	
mORF_-_2842924	2842924	2842998	-	5	75	GTG	TGA	0	0	
mORF_-_2843035	2843035	2843088	-	5	54	TTG	TGA	0	0	
mORF_-_2843122	2843122	2843133	-	5	12	GTG	TGA	0	0	
mORF_-_2843200	2843200	2843367	-	5	168	TTG	TGA	0	0	
mORF_-_2843401	2843401	2843433	-	5	33	GTG	TGA	0	0	
mORF_-_2843512	2843512	2843535	-	5	24	GTG	TGA	0	0	
mORF_-_2843557	2843557	2843631	-	5	75	TTG	TGA	0	0	

mORF_-_2843568	2843568	2843774	-	4	207	GTG	TGA	0	0	
mORF_-_2843683	2843683	2843778	-	5	96	GTG	TGA	0	0	
mORF_-_2843794	2843794	2844114	-	5	321	TTG	TGA	0	0	
mORF_-_2844121	2844121	2844147	-	5	27	GTG	TGA	0	0	
mORF_-_2844144	2844144	2844158	-	4	15	GTG	TGA	0	0	
mORF_-_2844181	2844181	2844288	-	5	108	ATG	TGA	0	0	
mORF_-_2844210	2844210	2844239	-	4	30	GTG	TGA	0	0	
mORF_-_2844289	2844289	2844333	-	5	45	GTG	TGA	0	0	
mORF_-_2844394	2844394	2844450	-	5	57	ATG	TGA	0	0	
mORF_-_2844511	2844511	2845434	-	5	924	ATG	TGA	0	0	
mORF_-_2844537	2844537	2844587	-	4	51	TTG	TAG	0	0	
mORF_-_2844584	2844584	2844772	-	6	189	ATG	TGA	0	0	
mORF_-_2844648	2844648	2844659	-	4	12	TTG	TAA	0	0	
mORF_-_2844660	2844660	2844683	-	4	24	GTG	TGA	0	0	
mORF_-_2844774	2844774	2844896	-	4	123	GTG	TGA	0	0	
mORF_-_2844803	2844803	2845000	-	6	198	GTG	TGA	0	0	
mORF_-_2844927	2844927	2845124	-	4	198	TTG	TGA	0	0	
mORF_-_2845143	2845143	2845151	-	4	9	GTG	TGA	0	0	
mORF_-_2845224	2845224	2845229	-	4	6	ATG	TGA	0	0	
mORF_-_2845236	2845236	2845262	-	4	27	ATG	TGA	0	0	
mORF_-_2845337	2845337	2845456	-	6	120	TTG	TAA	0	0	
mORF_-_2845365	2845365	2845394	-	4	30	TTG	TAA	0	0	
mORF_-_2845413	2845413	2845430	-	4	18	GTG	TAA	0	0	
mORF_-_2845437	2845437	2847263	-	4	1827	ATG	TGA	1	2	pORF_-_2845437
mORF_-_2845460	2845460	2845513	-	6	54	GTG	TGA	0	0	
mORF_-_2845480	2845480	2845704	-	5	225	TTG	TGA	0	0	
mORF_-_2845571	2845571	2845585	-	6	15	TTG	TGA	0	0	
mORF_-_2845595	2845595	2845609	-	6	15	TTG	TGA	0	0	
mORF_-_2845625	2845625	2845741	-	6	117	TTG	TGA	0	0	
mORF_-_2845757	2845757	2845852	-	6	96	TTG	TGA	0	0	
mORF_-_2845780	2845780	2845977	-	5	198	GTG	TAA	0	0	
mORF_-_2845892	2845892	2845960	-	6	69	ATG	TGA	0	0	
mORF_-_2845979	2845979	2846053	-	6	75	GTG	TGA	0	0	
mORF_-_2846053	2846053	2846091	-	5	39	ATG	TAG	0	0	
mORF_-_2846060	2846060	2846107	-	6	48	ATG	TGA	0	0	
mORF_-_2846144	2846144	2846311	-	6	168	TTG	TAG	0	0	
mORF_-_2846272	2846272	2846493	-	5	222	GTG	TAA	0	0	
mORF_-_2846342	2846342	2846449	-	6	108	TTG	TAA	0	0	
mORF_-_2846459	2846459	2846503	-	6	45	ATG	TGA	0	0	
mORF_-_2846503	2846503	2846949	-	5	447	GTG	TAA	0	0	
mORF_-_2846525	2846525	2846545	-	6	21	TTG	TAA	0	0	
mORF_-_2846555	2846555	2846656	-	6	102	TTG	TAG	0	0	
mORF_-_2846657	2846657	2846800	-	6	144	TTG	TGA	0	0	
mORF_-_2846867	2846867	2846896	-	6	30	TTG	TAA	0	0	
mORF_-_2846951	2846951	2846995	-	6	45	TTG	TGA	0	0	
mORF_-_2846974	2846974	2847027	-	5	54	TTG	TGA	0	0	
mORF_-_2847020	2847020	2847055	-	6	36	ATG	TGA	0	0	
mORF_-_2847062	2847062	2847079	-	6	18	GTG	TAA	0	0	
mORF_-_2847083	2847083	2847091	-	6	9	TTG	TGA	0	0	
mORF_-_2847101	2847101	2847154	-	6	54	TTG	TGA	0	0	
mORF_-_2847136	2847136	2847228	-	5	93	GTG	TAG	0	0	
mORF_-_2847161	2847161	2847172	-	6	12	GTG	TAG	0	0	
mORF_-_2847173	2847173	2847223	-	6	51	TTG	TAA	0	0	
mORF_-_2847238	2847238	2847309	-	5	72	TTG	TAG	0	0	
mORF_-_2847260	2847260	2847871	-	6	612	GTG	TGA	0	0	
mORF_-_2847325	2847325	2847591	-	5	267	TTG	TGA	0	0	
mORF_-_2847387	2847387	2847398	-	4	12	GTG	TAA	0	0	
mORF_-_2847432	2847432	2847437	-	4	6	TTG	TAG	0	0	
mORF_-_2847441	2847441	2847446	-	4	6	ATG	TGA	0	0	
mORF_-_2847579	2847579	2847629	-	4	51	GTG	TGA	0	0	
mORF_-_2847622	2847622	2847639	-	5	18	ATG	TAA	0	0	
mORF_-_2847640	2847640	2847747	-	5	108	ATG	TGA	0	0	
mORF_-_2847760	2847760	2847855	-	5	96	TTG	TGA	0	0	

mORF_-_2847816	2847816	2847821	-	4	6	TTG	TGA	0	0
mORF_-_2847849	2847849	2847878	-	4	30	ATG	TGA	0	0
mORF_-_2847856	2847856	2847861	-	5	6	TTG	TAA	0	0
mORF_-_2847868	2847868	2847936	-	5	69	GTG	TGA	0	0
mORF_-_2847882	2847882	2847911	-	4	30	ATG	TGA	0	0
mORF_-_2847893	2847893	2847958	-	6	66	TTG	TGA	0	0
mORF_-_2847924	2847924	2847986	-	4	63	TTG	TGA	0	0
mORF_-_2847991	2847991	2847999	-	5	9	ATG	TGA	0	0
mORF_-_2847996	2847996	2848457	-	4	462	ATG	TGA	0	0
mORF_-_2848037	2848037	2848150	-	6	114	TTG	TGA	0	0
mORF_-_2848151	2848151	2848162	-	6	12	TTG	TGA	0	0
mORF_-_2848166	2848166	2848282	-	6	117	TTG	TGA	0	0
mORF_-_2848279	2848279	2848449	-	5	171	TTG	TGA	0	0
mORF_-_2848460	2848460	2848510	-	6	51	TTG	TGA	0	0
mORF_-_2848545	2848545	2848763	-	4	219	TTG	TAG	0	0
mORF_-_2848577	2848577	2848597	-	6	21	ATG	TGA	0	0
mORF_-_2848597	2848597	2848650	-	5	54	TTG	TAA	0	0
mORF_-_2848616	2848616	2848630	-	6	15	TTG	TGA	0	0
mORF_-_2848631	2848631	2848738	-	6	108	TTG	TAA	0	0
mORF_-_2848654	2848654	2848899	-	5	246	TTG	TAA	0	0
mORF_-_2848760	2848760	2849125	-	6	366	GTG	TGA	0	0
mORF_-_2848912	2848912	2848950	-	5	39	ATG	TAG	0	0
mORF_-_2848947	2848947	2849054	-	4	108	TTG	TGA	0	0
mORF_-_2848984	2848984	2849334	-	5	351	TTG	TAA	0	0
mORF_-_2849085	2849085	2849150	-	4	66	ATG	TGA	0	0
mORF_-_2849165	2849165	2849230	-	6	66	GTG	TAA	0	0
mORF_-_2849205	2849205	2849222	-	4	18	GTG	TGA	0	0
mORF_-_2849223	2849223	2849486	-	4	264	GTG	TGA	0	0
mORF_-_2849395	2849395	2849703	-	5	309	ATG	TAG	0	0
mORF_-_2849429	2849429	2849467	-	6	39	GTG	TAA	0	0
mORF_-_2849477	2849477	2849566	-	6	90	GTG	TAG	0	0
mORF_-_2849496	2849496	2849837	-	4	342	GTG	TGA	0	0
mORF_-_2849666	2849666	2849689	-	6	24	GTG	TAA	0	0
mORF_-_2849825	2849825	2849956	-	6	132	ATG	TAA	0	0
mORF_-_2849979	2849979	2850038	-	4	60	GTG	TAA	0	0
mORF_-_2850005	2850005	2850106	-	6	102	ATG	TGA	0	0
mORF_-_2850061	2850061	2850078	-	5	18	GTG	TAA	0	0
mORF_-_2850096	2850096	2850233	-	4	138	GTG	TAA	0	0
mORF_-_2850203	2850203	2850214	-	6	12	ATG	TAA	0	0
mORF_-_2850230	2850230	2850295	-	6	66	GTG	TGA	0	0
mORF_-_2850241	2850241	2850246	-	5	6	GTG	TAA	0	0
mORF_-_2850286	2850286	2850519	-	5	234	ATG	TGA	0	0
mORF_-_2850323	2850323	2850421	-	6	99	ATG	TAA	0	0
mORF_-_2850429	2850429	2850566	-	4	138	TTG	TGA	0	0
mORF_-_2850523	2850523	2850627	-	5	105	GTG	TAA	0	0
mORF_-_2850590	2850590	2850814	-	6	225	ATG	TAA	0	0
mORF_-_2850664	2850664	2850684	-	5	21	ATG	TAA	0	0
mORF_-_2850757	2850757	2850780	-	5	24	GTG	TGA	0	0
mORF_-_2850811	2850811	2850903	-	5	93	TTG	TGA	0	0
mORF_-_2850854	2850854	2850958	-	6	105	TTG	TAG	0	0
mORF_-_2850913	2850913	2850987	-	5	75	TTG	TGA	0	0
mORF_-_2850984	2850984	2851361	-	4	378	TTG	TGA	0	0
mORF_-_2851010	2851010	2851078	-	6	69	ATG	TAA	0	0
mORF_-_2851054	2851054	2851146	-	5	93	TTG	TGA	0	0
mORF_-_2851136	2851136	2851195	-	6	60	TTG	TAA	0	0
mORF_-_2851159	2851159	2851182	-	5	24	GTG	TGA	0	0
mORF_-_2851258	2851258	2851326	-	5	69	TTG	TGA	0	0
mORF_-_2851327	2851327	2851749	-	5	423	GTG	TAA	0	0
mORF_-_2851343	2851343	2851393	-	6	51	GTG	TAA	0	0
mORF_-_2851386	2851386	2851445	-	4	60	GTG	TGA	0	0
mORF_-_2851452	2851452	2851520	-	4	69	TTG	TAA	0	0
mORF_-_2851551	2851551	2851724	-	4	174	ATG	TAG	0	0
mORF_-_2851568	2851568	2851600	-	6	33	GTG	TAA	0	0

mORF_-_2851709	2851709	2851801	-	6	93	GTG	TGA	0	0	
mORF_-_2851765	2851765	2851971	-	5	207	ATG	TAG	0	0	
mORF_-_2851892	2851892	2852020	-	6	129	GTG	TAA	0	0	
mORF_-_2851896	2851896	2851943	-	4	48	GTG	TGA	0	0	
mORF_-_2851968	2851968	2852120	-	4	153	TTG	TGA	0	0	
mORF_-_2852027	2852027	2852257	-	6	231	GTG	TAA	0	0	
mORF_-_2852098	2852098	2852133	-	5	36	TTG	TAG	0	0	
mORF_-_2852146	2852146	2852157	-	5	12	ATG	TAA	0	0	
mORF_-_2852251	2852251	2852496	-	5	246	TTG	TAA	0	0	
mORF_-_2852309	2852309	2852329	-	6	21	GTG	TAA	0	0	
mORF_-_2852313	2852313	2852372	-	4	60	GTG	TGA	0	0	
mORF_-_2852363	2852363	2852395	-	6	33	TTG	TGA	0	0	
mORF_-_2852409	2852409	2852420	-	4	12	GTG	TGA	0	0	
mORF_-_2852420	2852420	2852644	-	6	225	ATG	TAG	0	0	
mORF_-_2852542	2852542	2852619	-	5	78	ATG	TAA	0	0	
mORF_-_2852571	2852571	2852732	-	4	162	GTG	TAA	0	0	
mORF_-_2852696	2852696	2852857	-	6	162	TTG	TAG	0	0	
mORF_-_2852776	2852776	2852880	-	5	105	TTG	TAA	0	0	
mORF_-_2852808	2852808	2852825	-	4	18	ATG	TGA	0	0	
mORF_-_2852887	2852887	2852994	-	5	108	TTG	TAG	0	0	
mORF_-_2852897	2852897	2853004	-	6	108	ATG	TAA	0	0	
mORF_-_2853007	2853007	2853069	-	5	63	ATG	TAG	0	0	
mORF_-_2853038	2853038	2853190	-	6	153	GTG	TAA	0	0	
mORF_-_2853070	2853070	2853078	-	5	9	GTG	TAG	0	0	
mORF_-_2853082	2853082	2853183	-	5	102	TTG	TAG	0	0	
mORF_-_2853203	2853203	2853253	-	6	51	TTG	TAA	0	0	
mORF_-_2853211	2853211	2853243	-	5	33	TTG	TAG	0	0	
mORF_-_2853250	2853250	2853345	-	5	96	TTG	TGA	0	0	
mORF_-_2853266	2853266	2853316	-	6	51	TTG	TAA	0	0	
mORF_-_2853339	2853339	2853383	-	4	45	TTG	TAG	0	0	
mORF_-_2853353	2853353	2853718	-	6	366	ATG	TAA	0	0	
mORF_-_2853409	2853409	2853663	-	5	255	TTG	TGA	0	0	
mORF_-_2853715	2853715	2853891	-	5	177	ATG	TGA	0	0	
mORF_-_2853732	2853732	2853818	-	4	87	GTG	TAA	0	0	
mORF_-_2853908	2853908	2854003	-	6	96	GTG	TAG	0	0	
mORF_-_2853921	2853921	2854013	-	4	93	GTG	TAG	0	0	
mORF_-_2854000	2854000	2854173	-	5	174	ATG	TGA	0	0	
mORF_-_2854170	2854170	2854265	-	4	96	TTG	TGA	0	0	
mORF_-_2854235	2854235	2854363	-	6	129	TTG	TAA	0	0	
mORF_-_2854297	2854297	2854383	-	5	87	GTG	TGA	0	0	
mORF_-_2854347	2854347	2854430	-	4	84	ATG	TAG	0	0	
mORF_-_2854394	2854394	2854444	-	6	51	TTG	TGA	0	0	
mORF_-_2854435	2854435	2854536	-	5	102	ATG	TAA	0	0	
mORF_-_2854475	2854475	2854828	-	6	354	ATG	TAG	1	19	pORF_-_2854475
mORF_-_2854533	2854533	2854595	-	4	63	TTG	TGA	0	0	
mORF_-_2854609	2854609	2854716	-	5	108	TTG	TGA	0	0	
mORF_-_2854617	2854617	2854652	-	4	36	GTG	TGA	0	0	
mORF_-_2854656	2854656	2854688	-	4	33	ATG	TAA	0	0	
mORF_-_2854689	2854689	2854760	-	4	72	ATG	TAA	0	0	
mORF_-_2854795	2854795	2854839	-	5	45	GTG	TGA	0	0	
mORF_-_2854803	2854803	2854844	-	4	42	ATG	TGA	0	0	
mORF_-_2854860	2854860	2854883	-	4	24	GTG	TAA	0	0	
mORF_-_2854873	2854873	2854962	-	5	90	TTG	TAA	0	0	
mORF_-_2854883	2854883	2854921	-	6	39	TTG	TAG	0	0	
mORF_-_2854905	2854905	2855039	-	4	135	ATG	TAA	0	0	
mORF_-_2855036	2855036	2855086	-	6	51	ATG	TGA	0	0	
mORF_-_2855047	2855047	2855124	-	5	78	TTG	TAA	0	0	
mORF_-_2855055	2855055	2855060	-	4	6	TTG	TAA	0	0	
mORF_-_2855076	2855076	2855261	-	4	186	TTG	TGA	0	0	
mORF_-_2855093	2855093	2855152	-	6	60	ATG	TGA	0	0	
mORF_-_2855167	2855167	2855277	-	5	111	GTG	TGA	0	0	
mORF_-_2855234	2855234	2855284	-	6	51	TTG	TAA	0	0	
mORF_-_2855274	2855274	2855627	-	4	354	TTG	TGA	0	0	

mORF_-_2855348	2855348	2855359	-	6	12	TTG	TAG	0	0	
mORF_-_2855369	2855369	2855470	-	6	102	ATG	TGA	0	0	
mORF_-_2855498	2855498	2855536	-	6	39	TTG	TGA	0	0	
mORF_-_2855546	2855546	2856118	-	6	573	GTG	TAG	0	0	
mORF_-_2855679	2855679	2856092	-	4	414	TTG	TAA	0	0	
mORF_-_2856094	2856094	2856105	-	5	12	ATG	TAG	0	0	
mORF_-_2856115	2856115	2856345	-	5	231	TTG	TGA	0	0	
mORF_-_2856143	2856143	2856355	-	6	213	GTG	TGA	0	0	
mORF_-_2856183	2856183	2856236	-	4	54	TTG	TAA	0	0	
mORF_-_2856291	2856291	2856563	-	4	273	ATG	TAG	1	14	pORF_-_2856291
mORF_-_2856346	2856346	2856357	-	5	12	GTG	TGA	0	0	
mORF_-_2856385	2856385	2856393	-	5	9	ATG	TAA	0	0	
mORF_-_2856449	2856449	2856499	-	6	51	GTG	TAA	0	0	
mORF_-_2856533	2856533	2856538	-	6	6	ATG	TAG	0	0	
mORF_-_2856539	2856539	2856577	-	6	39	TTG	TGA	0	0	
mORF_-_2856544	2856544	2856570	-	5	27	GTG	TGA	0	0	
mORF_-_2856578	2856578	2856583	-	6	6	ATG	TAG	0	0	
mORF_-_2856614	2856614	2856670	-	6	57	TTG	TAG	0	0	
mORF_-_2856655	2856655	2856681	-	5	27	GTG	TGA	0	0	
mORF_-_2856660	2856660	2857043	-	4	384	TTG	TGA	0	0	
mORF_-_2856812	2856812	2856964	-	6	153	ATG	TAG	0	0	
mORF_-_2856853	2856853	2856900	-	5	48	ATG	TAA	0	0	
mORF_-_2856949	2856949	2857041	-	5	93	GTG	TGA	0	0	
mORF_-_2857016	2857016	2857021	-	6	6	ATG	TAG	0	0	
mORF_-_2857028	2857028	2857216	-	6	189	GTG	TAG	0	0	
mORF_-_2857075	2857075	2857119	-	5	45	TTG	TAA	0	0	
mORF_-_2857155	2857155	2857160	-	4	6	ATG	TAA	0	0	
mORF_-_2857270	2857270	2857278	-	5	9	ATG	TAA	0	0	
mORF_-_2857284	2857284	2857298	-	4	15	GTG	TAA	0	0	
mORF_-_2857298	2857298	2857420	-	6	123	TTG	TAG	0	0	
mORF_-_2857317	2857317	2857550	-	4	234	TTG	TAA	0	0	
mORF_-_2857342	2857342	2857362	-	5	21	GTG	TAG	0	0	
mORF_-_2857387	2857387	2857461	-	5	75	TTG	TAA	0	0	
mORF_-_2857424	2857424	2857627	-	6	204	GTG	TAG	0	0	
mORF_-_2857471	2857471	2857482	-	5	12	GTG	TAA	0	0	
mORF_-_2857528	2857528	2857623	-	5	96	GTG	TAG	0	0	
mORF_-_2857620	2857620	2857721	-	4	102	TTG	TGA	0	0	
mORF_-_2857624	2857624	2857743	-	5	120	GTG	TGA	0	0	
mORF_-_2857712	2857712	2857783	-	6	72	ATG	TAA	0	0	
mORF_-_2857762	2857762	2857788	-	5	27	ATG	TAA	0	0	
mORF_-_2857767	2857767	2857853	-	4	87	ATG	TAA	0	0	
mORF_-_2857789	2857789	2857794	-	5	6	GTG	TAG	0	0	
mORF_-_2857799	2857799	2857810	-	6	12	TTG	TGA	0	0	
mORF_-_2857869	2857869	2857874	-	4	6	TTG	TAA	0	0	
mORF_-_2857881	2857881	2857889	-	4	9	TTG	TAA	0	0	
mORF_-_2857886	2857886	2858056	-	6	171	TTG	TGA	0	0	
mORF_-_2857977	2857977	2858015	-	4	39	GTG	TAG	0	0	
mORF_-_2858002	2858002	2858154	-	5	153	GTG	TAA	0	0	
mORF_-_2858103	2858103	2858201	-	4	99	ATG	TGA	0	0	
mORF_-_2858144	2858144	2858194	-	6	51	ATG	TGA	0	0	
mORF_-_2858170	2858170	2858199	-	5	30	GTG	TAG	0	0	
mORF_-_2858301	2858301	2858342	-	4	42	ATG	TAA	0	0	
mORF_-_2858324	2858324	2858359	-	6	36	ATG	TAA	0	0	
mORF_-_2858371	2858371	2858421	-	5	51	ATG	TAG	0	0	
mORF_-_2858418	2858418	2858489	-	4	72	ATG	TGA	0	0	
mORF_-_2858476	2858476	2858496	-	5	21	ATG	TAA	0	0	
mORF_-_2858489	2858489	2859286	-	6	798	ATG	TAA	0	0	
mORF_-_2858527	2858527	2858583	-	5	57	TTG	TGA	0	0	
mORF_-_2858580	2858580	2858609	-	4	30	ATG	TGA	0	0	
mORF_-_2858590	2858590	2858673	-	5	84	TTG	TAA	0	0	
mORF_-_2858683	2858683	2858760	-	5	78	TTG	TGA	0	0	
mORF_-_2858694	2858694	2858732	-	4	39	ATG	TAA	0	0	
mORF_-_2858757	2858757	2858852	-	4	96	TTG	TGA	0	0	

mORF_-_2858764	2858764	2858880	-	5	117	TTG	TGA	0	0
mORF_-_2858853	2858853	2858975	-	4	123	TTG	TAA	0	0
mORF_-_2858941	2858941	2859012	-	5	72	TTG	TAG	0	0
mORF_-_2859046	2859046	2859111	-	5	66	TTG	TAA	0	0
mORF_-_2859154	2859154	2859168	-	5	15	ATG	TGA	0	0
mORF_-_2859181	2859181	2859201	-	5	21	TTG	TAA	0	0
mORF_-_2859214	2859214	2859225	-	5	12	TTG	TAG	0	0
mORF_-_2859253	2859253	2859354	-	5	102	TTG	TGA	0	0
mORF_-_2859293	2859293	2859322	-	6	30	TTG	TAG	0	0
mORF_-_2859330	2859330	2859350	-	4	21	GTG	TAA	0	0
mORF_-_2859335	2859335	2859352	-	6	18	GTG	TGA	0	0
mORF_-_2859371	2859371	2859382	-	6	12	ATG	TGA	0	0
mORF_-_2859387	2859387	2859524	-	4	138	ATG	TAA	0	0
mORF_-_2859407	2859407	2859430	-	6	24	GTG	TGA	0	0
mORF_-_2859431	2859431	2859475	-	6	45	ATG	TAA	0	0
mORF_-_2859472	2859472	2859876	-	5	405	ATG	TGA	0	0
mORF_-_2859521	2859521	2859778	-	6	258	TTG	TGA	0	0
mORF_-_2859579	2859579	2859650	-	4	72	GTG	TAG	0	0
mORF_-_2859681	2859681	2859716	-	4	36	GTG	TAA	0	0
mORF_-_2859873	2859873	2859914	-	4	42	GTG	TGA	0	0
mORF_-_2859943	2859943	2859951	-	5	9	ATG	TAA	0	0
mORF_-_2859968	2859968	2859994	-	6	27	GTG	TAG	0	0
mORF_-_2859987	2859987	2860043	-	4	57	GTG	TAA	0	0
mORF_-_2859991	2859991	2860095	-	5	105	TTG	TGA	0	0
mORF_-_2860001	2860001	2860165	-	6	165	ATG	TAA	0	0
mORF_-_2860153	2860153	2860269	-	5	117	GTG	TAA	0	0
mORF_-_2860166	2860166	2860228	-	6	63	GTG	TGA	0	0
mORF_-_2860185	2860185	2860256	-	4	72	ATG	TAA	0	0
mORF_-_2860288	2860288	2860338	-	5	51	GTG	TAA	0	0
mORF_-_2860335	2860335	2860586	-	4	252	TTG	TGA	0	0
mORF_-_2860388	2860388	2860438	-	6	51	TTG	TAA	0	0
mORF_-_2860432	2860432	2860578	-	5	147	TTG	TAG	0	0
mORF_-_2860448	2860448	2860492	-	6	45	GTG	TAA	0	0
mORF_-_2860499	2860499	2860540	-	6	42	GTG	TGA	0	0
mORF_-_2860593	2860593	2860715	-	4	123	TTG	TAG	0	0
mORF_-_2860660	2860660	2860905	-	5	246	TTG	TAA	0	0
mORF_-_2860712	2860712	2861419	-	6	708	GTG	TGA	0	0
mORF_-_2860785	2860785	2860802	-	4	18	ATG	TGA	0	0
mORF_-_2860812	2860812	2860844	-	4	33	GTG	TAG	0	0
mORF_-_2860918	2860918	2861061	-	5	144	TTG	TAA	0	0
mORF_-_2860980	2860980	2861084	-	4	105	TTG	TGA	0	0
mORF_-_2861128	2861128	2861172	-	5	45	TTG	TGA	0	0
mORF_-_2861136	2861136	2861147	-	4	12	TTG	TGA	0	0
mORF_-_2861212	2861212	2861385	-	5	174	TTG	TGA	0	0
mORF_-_2861232	2861232	2861309	-	4	78	GTG	TAA	0	0
mORF_-_2861382	2861382	2861459	-	4	78	GTG	TGA	0	0
mORF_-_2861398	2861398	2861547	-	5	150	GTG	TAA	0	0
mORF_-_2861456	2861456	2861566	-	6	111	TTG	TGA	0	0
mORF_-_2861484	2861484	2861501	-	4	18	ATG	TGA	0	0
mORF_-_2861554	2861554	2861616	-	5	63	ATG	TAA	0	0
mORF_-_2861589	2861589	2861600	-	4	12	TTG	TGA	0	0
mORF_-_2861613	2861613	2861921	-	4	309	ATG	TGA	0	0
mORF_-_2861692	2861692	2861838	-	5	147	TTG	TAG	0	0
mORF_-_2861825	2861825	2861947	-	6	123	TTG	TAA	0	0
mORF_-_2861860	2861860	2861982	-	5	123	GTG	TGA	0	0
mORF_-_2861979	2861979	2862179	-	4	201	TTG	TGA	0	0
mORF_-_2862028	2862028	2862084	-	5	57	TTG	TAA	0	0
mORF_-_2862095	2862095	2862139	-	6	45	TTG	TAA	0	0
mORF_-_2862106	2862106	2862153	-	5	48	TTG	TGA	0	0
mORF_-_2862242	2862242	2862295	-	6	54	GTG	TAA	0	0
mORF_-_2862250	2862250	2862258	-	5	9	TTG	TAA	0	0
mORF_-_2862279	2862279	2862416	-	4	138	ATG	TAA	0	0
mORF_-_2862307	2862307	2862423	-	5	117	GTG	TAA	0	0

mORF_-_2862374	2862374	2862550	-	6	177	TTG	TAG	0	0	
mORF_-_2862454	2862454	2862540	-	5	87	ATG	TAA	0	0	
mORF_-_2862474	2862474	2862665	-	4	192	GTG	TAA	0	0	
mORF_-_2862622	2862622	2862690	-	5	69	GTG	TAA	0	0	
mORF_-_2862638	2862638	2862670	-	6	33	TTG	TAG	0	0	
mORF_-_2862678	2862678	2862785	-	4	108	TTG	TAA	0	0	
mORF_-_2862703	2862703	2862741	-	5	39	GTG	TAA	0	0	
mORF_-_2862786	2862786	2862830	-	4	45	ATG	TAG	0	0	
mORF_-_2862797	2862797	2862820	-	6	24	TTG	TGA	0	0	
mORF_-_2862831	2862831	2862869	-	4	39	TTG	TAA	0	0	
mORF_-_2862842	2862842	2862916	-	6	75	TTG	TAG	0	0	
mORF_-_2862879	2862879	2862893	-	4	15	ATG	TAG	0	0	
mORF_-_2862956	2862956	2862997	-	6	42	GTG	TGA	0	0	
mORF_-_2863031	2863031	2863069	-	6	39	ATG	TAG	0	0	
mORF_-_2863051	2863051	2863077	-	5	27	ATG	TAA	0	0	
mORF_-_2863094	2863094	2863132	-	6	39	TTG	TAA	0	0	
mORF_-_2863107	2863107	2863319	-	4	213	GTG	TGA	0	0	
mORF_-_2863133	2863133	2863138	-	6	6	ATG	TAA	0	0	
mORF_-_2863153	2863153	2863203	-	5	51	TTG	TAA	0	0	
mORF_-_2863187	2863187	2863207	-	6	21	ATG	TGA	0	0	
mORF_-_2863226	2863226	2863243	-	6	18	GTG	TGA	0	0	
mORF_-_2863234	2863234	2863365	-	5	132	GTG	TAA	0	0	
mORF_-_2863340	2863340	2863384	-	6	45	GTG	TAG	0	0	
mORF_-_2863392	2863392	2863508	-	4	117	ATG	TAA	0	0	
mORF_-_2863408	2863408	2863605	-	5	198	ATG	TAA	0	0	
mORF_-_2863490	2863490	2863504	-	6	15	TTG	TAA	0	0	
mORF_-_2863505	2863505	2863543	-	6	39	GTG	TGA	0	0	
mORF_-_2863509	2863509	2863580	-	4	72	GTG	TAA	0	0	
mORF_-_2863584	2863584	2863664	-	4	81	ATG	TGA	0	0	
mORF_-_2863630	2863630	2863638	-	5	9	GTG	TAA	0	0	
mORF_-_2863654	2863654	2863734	-	5	81	TTG	TAG	0	0	
mORF_-_2863701	2863701	2864150	-	4	450	ATG	TAG	0	0	
mORF_-_2863721	2863721	2863825	-	6	105	GTG	TGA	0	0	
mORF_-_2863744	2863744	2863770	-	5	27	TTG	TGA	0	0	
mORF_-_2863849	2863849	2863917	-	5	69	ATG	TAG	0	0	
mORF_-_2863874	2863874	2863987	-	6	114	ATG	TGA	0	0	
mORF_-_2864020	2864020	2864028	-	5	9	GTG	TAA	0	0	
mORF_-_2864081	2864081	2864188	-	6	108	ATG	TAA	0	0	
mORF_-_2864152	2864152	2864157	-	5	6	TTG	TAG	0	0	
mORF_-_2864192	2864192	2864344	-	6	153	GTG	TAA	0	0	
mORF_-_2864292	2864292	2864435	-	4	144	ATG	TGA	0	0	
mORF_-_2864341	2864341	2864346	-	5	6	ATG	TGA	0	0	
mORF_-_2864455	2864455	2864532	-	5	78	GTG	TAA	0	0	
mORF_-_2864490	2864490	2864513	-	4	24	ATG	TAA	0	0	
mORF_-_2864581	2864581	2865609	-	5	1029	ATG	TAA	26	158	pORF_-_2864581
mORF_-_2864607	2864607	2864696	-	4	90	GTG	TGA	0	0	
mORF_-_2864700	2864700	2864762	-	4	63	GTG	TAG	0	0	
mORF_-_2864759	2864759	2864791	-	6	33	ATG	TGA	0	0	
mORF_-_2864808	2864808	2864894	-	4	87	GTG	TGA	0	0	
mORF_-_2864907	2864907	2865026	-	4	120	GTG	TAG	0	0	
mORF_-_2865096	2865096	2865173	-	4	78	TTG	TGA	0	0	
mORF_-_2865110	2865110	2865130	-	6	21	GTG	TGA	0	0	
mORF_-_2865192	2865192	2865260	-	4	69	TTG	TGA	0	0	
mORF_-_2865291	2865291	2865338	-	4	48	TTG	TGA	0	0	
mORF_-_2865360	2865360	2865467	-	4	108	GTG	TAA	0	0	
mORF_-_2865483	2865483	2865539	-	4	57	ATG	TAG	0	0	
mORF_-_2865540	2865540	2865548	-	4	9	ATG	TAA	0	0	
mORF_-_2865570	2865570	2865617	-	4	48	TTG	TGA	0	0	
mORF_-_2865584	2865584	2865613	-	6	30	TTG	TAG	0	0	
mORF_-_2865636	2865636	2866775	-	4	1140	ATG	TAA	23	58	pORF_-_2865636
mORF_-_2865665	2865665	2865694	-	6	30	TTG	TAA	0	0	
mORF_-_2865737	2865737	2865805	-	6	69	GTG	TAG	0	0	
mORF_-_2865806	2865806	2865820	-	6	15	ATG	TGA	0	0	

mORF_-_2865836	2865836	2865961	-	6	126	TTG	TGA	0	0	
mORF_-_2866067	2866067	2866180	-	6	114	TTG	TAA	0	0	
mORF_-_2866205	2866205	2866300	-	6	96	TTG	TGA	0	0	
mORF_-_2866304	2866304	2866348	-	6	45	GTG	TGA	0	0	
mORF_-_2866400	2866400	2866447	-	6	48	ATG	TGA	0	0	
mORF_-_2866619	2866619	2866738	-	6	120	TTG	TGA	0	0	
mORF_-_2866693	2866693	2866713	-	5	21	ATG	TGA	0	0	
mORF_-_2866772	2866772	2866843	-	6	72	GTG	TGA	0	0	
mORF_-_2866797	2866797	2866826	-	4	30	TTG	TAA	0	0	
mORF_-_2866816	2866816	2866911	-	5	96	GTG	TAA	0	0	
mORF_-_2866833	2866833	2866859	-	4	27	GTG	TAG	0	0	
mORF_-_2866856	2866856	2866879	-	6	24	TTG	TGA	0	0	
mORF_-_2866908	2866908	2866928	-	4	21	GTG	TGA	0	0	
mORF_-_2866915	2866915	2867541	-	5	627	ATG	TAA	5	14	pORF_-_2866915
mORF_-_2866935	2866935	2866946	-	4	12	TTG	TAG	0	0	
mORF_-_2867067	2867067	2867183	-	4	117	TTG	TAA	0	0	
mORF_-_2867114	2867114	2867146	-	6	33	ATG	TGA	0	0	
mORF_-_2867180	2867180	2867212	-	6	33	GTG	TGA	0	0	
mORF_-_2867190	2867190	2867297	-	4	108	TTG	TGA	0	0	
mORF_-_2867231	2867231	2867242	-	6	12	TTG	TGA	0	0	
mORF_-_2867385	2867385	2867468	-	4	84	ATG	TAG	0	0	
mORF_-_2867469	2867469	2867501	-	4	33	GTG	TGA	0	0	
mORF_-_2867480	2867480	2867551	-	6	72	TTG	TGA	0	0	
mORF_-_2867535	2867535	2868341	-	4	807	TTG	TAA	3	7	pORF_-_2867535
mORF_-_2867564	2867564	2867584	-	6	21	ATG	TAA	0	0	
mORF_-_2867603	2867603	2867644	-	6	42	ATG	TAA	0	0	
mORF_-_2867645	2867645	2867701	-	6	57	TTG	TAG	0	0	
mORF_-_2867677	2867677	2867682	-	5	6	ATG	TGA	0	0	
mORF_-_2867857	2867857	2867862	-	5	6	GTG	TAA	0	0	
mORF_-_2867885	2867885	2867935	-	6	51	TTG	TAA	0	0	
mORF_-_2867975	2867975	2868040	-	6	66	TTG	TAG	0	0	
mORF_-_2868022	2868022	2868087	-	5	66	TTG	TAA	0	0	
mORF_-_2868059	2868059	2868067	-	6	9	ATG	TGA	0	0	
mORF_-_2868068	2868068	2868130	-	6	63	TTG	TGA	0	0	
mORF_-_2868161	2868161	2868277	-	6	117	ATG	TGA	0	0	
mORF_-_2868277	2868277	2869326	-	5	1050	ATG	TAA	20	69	pORF_-_2868277
mORF_-_2868372	2868372	2868386	-	4	15	ATG	TAG	0	0	
mORF_-_2868383	2868383	2868394	-	6	12	TTG	TGA	0	0	
mORF_-_2868402	2868402	2868542	-	4	141	GTG	TAA	0	0	
mORF_-_2868518	2868518	2868535	-	6	18	ATG	TGA	0	0	
mORF_-_2868567	2868567	2868638	-	4	72	GTG	TGA	0	0	
mORF_-_2868645	2868645	2868863	-	4	219	GTG	TAG	0	0	
mORF_-_2868716	2868716	2868748	-	6	33	TTG	TAA	0	0	
mORF_-_2868818	2868818	2868874	-	6	57	TTG	TAG	0	0	
mORF_-_2868882	2868882	2868902	-	4	21	ATG	TGA	0	0	
mORF_-_2868941	2868941	2869066	-	6	126	GTG	TAA	0	0	
mORF_-_2868957	2868957	2868986	-	4	30	ATG	TAG	0	0	
mORF_-_2869023	2869023	2869121	-	4	99	ATG	TGA	0	0	
mORF_-_2869128	2869128	2869247	-	4	120	TTG	TGA	0	0	
mORF_-_2869266	2869266	2869322	-	4	57	TTG	TGA	0	0	
mORF_-_2869319	2869319	2869378	-	6	60	GTG	TGA	0	0	
mORF_-_2869323	2869323	2869802	-	4	480	ATG	TGA	14	133	pORF_-_2869323
mORF_-_2869415	2869415	2869666	-	6	252	ATG	TGA	0	0	
mORF_-_2869670	2869670	2869795	-	6	126	TTG	TGA	0	0	
mORF_-_2869780	2869780	2869965	-	5	186	ATG	TGA	0	0	
mORF_-_2869802	2869802	2870512	-	6	711	ATG	TAA	11	28	pORF_-_2869802
mORF_-_2869881	2869881	2869922	-	4	42	TTG	TAA	0	0	
mORF_-_2869978	2869978	2870001	-	5	24	GTG	TGA	0	0	
mORF_-_2869998	2869998	2870033	-	4	36	ATG	TGA	0	0	
mORF_-_2870020	2870020	2870085	-	5	66	GTG	TGA	0	0	
mORF_-_2870143	2870143	2870199	-	5	57	ATG	TGA	0	0	
mORF_-_2870166	2870166	2870183	-	4	18	TTG	TGA	0	0	
mORF_-_2870196	2870196	2870213	-	4	18	GTG	TGA	0	0	

mORF_-_2870233	2870233	2870274	-	5	42	ATG	TGA	0	0	
mORF_-_2870275	2870275	2870319	-	5	45	TTG	TAG	0	0	
mORF_-_2870338	2870338	2870355	-	5	18	GTG	TAA	0	0	
mORF_-_2870359	2870359	2870493	-	5	135	ATG	TGA	0	0	
mORF_-_2870433	2870433	2870489	-	4	57	TTG	TAA	0	0	
mORF_-_2870531	2870531	2870842	-	6	312	ATG	TAA	2	6	pORF_-_2870531
mORF_-_2870611	2870611	2870763	-	5	153	ATG	TGA	0	0	
mORF_-_2870775	2870775	2870786	-	4	12	GTG	TAA	0	0	
mORF_-_2870830	2870830	2871051	-	5	222	GTG	TAA	0	0	
mORF_-_2870835	2870835	2870879	-	4	45	ATG	TAA	0	0	
mORF_-_2870867	2870867	2870941	-	6	75	ATG	TGA	0	0	
mORF_-_2870892	2870892	2870939	-	4	48	GTG	TAG	0	0	
mORF_-_2870952	2870952	2870987	-	4	36	ATG	TAA	0	0	
mORF_-_2870990	2870990	2871067	-	6	78	TTG	TAA	0	0	
mORF_-_2871036	2871036	2871359	-	4	324	ATG	TAA	0	0	
mORF_-_2871083	2871083	2871100	-	6	18	TTG	TGA	0	0	
mORF_-_2871125	2871125	2871142	-	6	18	TTG	TGA	0	0	
mORF_-_2871167	2871167	2871223	-	6	57	ATG	TGA	0	0	
mORF_-_2871214	2871214	2871294	-	5	81	ATG	TAA	0	0	
mORF_-_2871227	2871227	2871307	-	6	81	ATG	TGA	0	0	
mORF_-_2871371	2871371	2871391	-	6	21	ATG	TAA	0	0	
mORF_-_2871409	2871409	2872014	-	5	606	ATG	TGA	16	167	pORF_-_2871409
mORF_-_2871471	2871471	2871485	-	4	15	ATG	TAG	0	0	
mORF_-_2871528	2871528	2871623	-	4	96	TTG	TAG	0	0	
mORF_-_2871569	2871569	2871601	-	6	33	TTG	TAA	0	0	
mORF_-_2871702	2871702	2871725	-	4	24	TTG	TGA	0	0	
mORF_-_2871729	2871729	2871827	-	4	99	ATG	TGA	0	0	
mORF_-_2871782	2871782	2871802	-	6	21	ATG	TAG	0	0	
mORF_-_2871893	2871893	2871922	-	6	30	GTG	TAA	0	0	
mORF_-_2871927	2871927	2872004	-	4	78	ATG	TAG	0	0	
mORF_-_2872001	2872001	2872075	-	6	75	ATG	TGA	0	0	
mORF_-_2872014	2872014	2873441	-	4	1428	ATG	TAA	48	535	pORF_-_2872014
mORF_-_2872076	2872076	2872153	-	6	78	GTG	TGA	0	0	
mORF_-_2872160	2872160	2872165	-	6	6	ATG	TGA	0	0	
mORF_-_2872187	2872187	2872195	-	6	9	GTG	TGA	0	0	
mORF_-_2872223	2872223	2872270	-	6	48	ATG	TAG	0	0	
mORF_-_2872271	2872271	2872501	-	6	231	ATG	TGA	0	0	
mORF_-_2872357	2872357	2872416	-	5	60	ATG	TAA	0	0	
mORF_-_2872505	2872505	2872558	-	6	54	TTG	TGA	0	0	
mORF_-_2872562	2872562	2872873	-	6	312	TTG	TGA	0	0	
mORF_-_2872681	2872681	2872779	-	5	99	GTG	TAA	0	0	
mORF_-_2872877	2872877	2873026	-	6	150	ATG	TGA	0	0	
mORF_-_2873030	2873030	2873311	-	6	282	TTG	TGA	0	0	
mORF_-_2873047	2873047	2873052	-	5	6	ATG	TGA	0	0	
mORF_-_2873312	2873312	2873344	-	6	33	GTG	TGA	0	0	
mORF_-_2873348	2873348	2873383	-	6	36	TTG	TGA	0	0	
mORF_-_2873384	2873384	2873428	-	6	45	TTG	TGA	0	0	
mORF_-_2873443	2873443	2874351	-	5	909	ATG	TAA	39	750	pORF_-_2873443
mORF_-_2873466	2873466	2873498	-	4	33	TTG	TGA	0	0	
mORF_-_2873499	2873499	2873585	-	4	87	GTG	TGA	0	0	
mORF_-_2873637	2873637	2873675	-	4	39	TTG	TGA	0	0	
mORF_-_2873682	2873682	2873969	-	4	288	TTG	TGA	0	0	
mORF_-_2873825	2873825	2873851	-	6	27	GTG	TAA	0	0	
mORF_-_2874009	2874009	2874167	-	4	159	ATG	TGA	0	0	
mORF_-_2874239	2874239	2874487	-	6	249	TTG	TAA	0	0	
mORF_-_2874373	2874373	2874387	-	5	15	ATG	TAG	0	0	
mORF_-_2874400	2874400	2874435	-	5	36	TTG	TAG	0	0	
mORF_-_2874495	2874495	2874503	-	4	9	GTG	TAA	0	0	
mORF_-_2874539	2874539	2874559	-	6	21	ATG	TAA	0	0	
mORF_-_2874561	2874561	2874671	-	4	111	GTG	TAG	0	0	
mORF_-_2874590	2874590	2874601	-	6	12	GTG	TAA	0	0	
mORF_-_2874601	2874601	2874615	-	5	15	ATG	TAG	0	0	
mORF_-_2874655	2874655	2874681	-	5	27	GTG	TAA	0	0	

mORF_-_2874678	2874678	2874719	-	4	42	ATG	TGA	0	0
mORF_-_2874700	2874700	2874714	-	5	15	GTG	TAG	0	0
mORF_-_2874707	2874707	2874745	-	6	39	ATG	TGA	0	0
mORF_-_2874724	2874724	2874831	-	5	108	ATG	TAG	0	0
mORF_-_2874768	2874768	2874953	-	4	186	ATG	TAA	0	0
mORF_-_2874911	2874911	2874943	-	6	33	ATG	TGA	0	0
mORF_-_2874962	2874962	2875246	-	6	285	TTG	TAA	0	0
mORF_-_2875014	2875014	2875019	-	4	6	TTG	TAA	0	0
mORF_-_2875243	2875243	2875332	-	5	90	TTG	TGA	0	0
mORF_-_2875281	2875281	2875544	-	4	264	ATG	TAA	0	0
mORF_-_2875316	2875316	2875339	-	6	24	TTG	TGA	0	0
mORF_-_2875358	2875358	2875414	-	6	57	ATG	TAA	0	0
mORF_-_2875438	2875438	2875488	-	5	51	GTG	TAG	0	0
mORF_-_2875535	2875535	2875693	-	6	159	TTG	TGA	0	0
mORF_-_2875591	2875591	2875707	-	5	117	ATG	TAA	0	0
mORF_-_2875704	2875704	2875751	-	4	48	GTG	TGA	0	0
mORF_-_2875757	2875757	2875885	-	6	129	ATG	TGA	0	0
mORF_-_2875771	2875771	2875830	-	5	60	TTG	TGA	0	0
mORF_-_2875818	2875818	2875958	-	4	141	ATG	TGA	0	0
mORF_-_2875882	2875882	2875890	-	5	9	GTG	TGA	0	0
mORF_-_2876032	2876032	2876070	-	5	39	TTG	TAA	0	0
mORF_-_2876154	2876154	2876315	-	4	162	TTG	TAA	0	0
mORF_-_2876249	2876249	2876272	-	6	24	TTG	TGA	0	0
mORF_-_2876316	2876316	2876321	-	4	6	TTG	TAA	0	0
mORF_-_2876339	2876339	2876500	-	6	162	ATG	TAA	0	0
mORF_-_2876461	2876461	2876541	-	5	81	TTG	TAA	0	0
mORF_-_2876487	2876487	2876525	-	4	39	ATG	TAG	0	0
mORF_-_2876507	2876507	2876533	-	6	27	TTG	TAA	0	0
mORF_-_2876544	2876544	2876555	-	4	12	ATG	TAA	0	0
mORF_-_2876577	2876577	2876594	-	4	18	TTG	TAG	0	0
mORF_-_2876591	2876591	2876980	-	6	390	TTG	TGA	0	0
mORF_-_2876617	2876617	2876625	-	5	9	ATG	TAA	0	0
mORF_-_2876650	2876650	2876673	-	5	24	TTG	TAA	0	0
mORF_-_2876670	2876670	2876699	-	4	30	ATG	TGA	0	0
mORF_-_2876707	2876707	2876712	-	5	6	ATG	TAG	0	0
mORF_-_2876749	2876749	2876778	-	5	30	GTG	TGA	0	0
mORF_-_2876779	2876779	2876796	-	5	18	GTG	TAG	0	0
mORF_-_2876818	2876818	2876847	-	5	30	ATG	TAG	0	0
mORF_-_2876877	2876877	2877809	-	4	933	TTG	TGA	0	0
mORF_-_2877011	2877011	2877073	-	6	63	GTG	TAG	0	0
mORF_-_2877022	2877022	2877045	-	5	24	GTG	TAG	0	0
mORF_-_2877089	2877089	2877208	-	6	120	TTG	TAG	0	0
mORF_-_2877224	2877224	2877313	-	6	90	ATG	TAA	0	0
mORF_-_2877253	2877253	2877318	-	5	66	ATG	TAG	0	0
mORF_-_2877392	2877392	2877436	-	6	45	TTG	TAG	0	0
mORF_-_2877455	2877455	2877709	-	6	255	ATG	TGA	0	0
mORF_-_2877502	2877502	2877567	-	5	66	ATG	TAA	0	0
mORF_-_2877713	2877713	2877730	-	6	18	ATG	TAA	0	0
mORF_-_2877799	2877799	2877840	-	5	42	ATG	TAA	0	0
mORF_-_2877806	2877806	2877877	-	6	72	TTG	TGA	0	0
mORF_-_2877810	2877810	2878409	-	4	600	ATG	TGA	0	0
mORF_-_2877884	2877884	2878015	-	6	132	ATG	TAA	0	0
mORF_-_2877919	2877919	2877927	-	5	9	TTG	TGA	0	0
mORF_-_2878024	2878024	2878038	-	5	15	GTG	TAA	0	0
mORF_-_2878061	2878061	2878387	-	6	327	TTG	TAA	0	0
mORF_-_2878303	2878303	2878341	-	5	39	ATG	TGA	0	0
mORF_-_2878396	2878396	2879076	-	5	681	GTG	TAA	0	0
mORF_-_2878421	2878421	2878435	-	6	15	ATG	TAA	0	0
mORF_-_2878425	2878425	2878448	-	4	24	TTG	TGA	0	0
mORF_-_2878494	2878494	2878550	-	4	57	ATG	TAA	0	0
mORF_-_2878547	2878547	2878621	-	6	75	TTG	TGA	0	0
mORF_-_2878656	2878656	2878697	-	4	42	ATG	TAA	0	0
mORF_-_2878704	2878704	2878769	-	4	66	ATG	TAA	0	0

mORF_-_2878733	2878733	2878753	-	6	21	ATG	TGA	0	0	
mORF_-_2878776	2878776	2878823	-	4	48	GTG	TGA	0	0	
mORF_-_2878833	2878833	2878940	-	4	108	TTG	TAA	0	0	
mORF_-_2878925	2878925	2878945	-	6	21	TTG	TGA	0	0	
mORF_-_2878959	2878959	2879045	-	4	87	TTG	TAG	0	0	
mORF_-_2879006	2879006	2879086	-	6	81	ATG	TGA	0	0	
mORF_-_2879073	2879073	2880164	-	4	1092	ATG	TGA	2	4	pORF_-_2879073
mORF_-_2879153	2879153	2879158	-	6	6	ATG	TAG	0	0	
mORF_-_2879158	2879158	2879220	-	5	63	TTG	TGA	0	0	
mORF_-_2879189	2879189	2879290	-	6	102	ATG	TGA	0	0	
mORF_-_2879327	2879327	2879446	-	6	120	GTG	TAA	0	0	
mORF_-_2879447	2879447	2879554	-	6	108	ATG	TAG	0	0	
mORF_-_2879555	2879555	2879632	-	6	78	TTG	TAG	0	0	
mORF_-_2879651	2879651	2879695	-	6	45	GTG	TGA	0	0	
mORF_-_2879708	2879708	2879797	-	6	90	GTG	TGA	0	0	
mORF_-_2879807	2879807	2879866	-	6	60	TTG	TAG	0	0	
mORF_-_2879888	2879888	2880028	-	6	141	GTG	TAG	0	0	
mORF_-_2880031	2880031	2880117	-	5	87	ATG	TAA	0	0	
mORF_-_2880134	2880134	2880184	-	6	51	ATG	TGA	0	0	
mORF_-_2880157	2880157	2880243	-	5	87	GTG	TAA	0	0	
mORF_-_2880177	2880177	2880659	-	4	483	ATG	TAA	0	0	
mORF_-_2880197	2880197	2880205	-	6	9	TTG	TGA	0	0	
mORF_-_2880263	2880263	2880277	-	6	15	TTG	TAA	0	0	
mORF_-_2880344	2880344	2880379	-	6	36	GTG	TAA	0	0	
mORF_-_2880379	2880379	2880516	-	5	138	TTG	TAG	0	0	
mORF_-_2880386	2880386	2880451	-	6	66	ATG	TAG	0	0	
mORF_-_2880464	2880464	2880652	-	6	189	ATG	TGA	0	0	
mORF_-_2880583	2880583	2880597	-	5	15	ATG	TAG	0	0	
mORF_-_2880652	2880652	2882160	-	5	1509	ATG	TGA	0	0	
mORF_-_2880681	2880681	2880719	-	4	39	TTG	TAA	0	0	
mORF_-_2880735	2880735	2880755	-	4	21	ATG	TAA	0	0	
mORF_-_2880762	2880762	2880788	-	4	27	GTG	TAG	0	0	
mORF_-_2880785	2880785	2880790	-	6	6	GTG	TGA	0	0	
mORF_-_2880822	2880822	2880863	-	4	42	ATG	TAA	0	0	
mORF_-_2880870	2880870	2881010	-	4	141	TTG	TAA	0	0	
mORF_-_2880995	2880995	2881051	-	6	57	GTG	TAA	0	0	
mORF_-_2881029	2881029	2881034	-	4	6	ATG	TGA	0	0	
mORF_-_2881065	2881065	2881088	-	4	24	TTG	TGA	0	0	
mORF_-_2881125	2881125	2881151	-	4	27	TTG	TGA	0	0	
mORF_-_2881167	2881167	2881199	-	4	33	ATG	TGA	0	0	
mORF_-_2881211	2881211	2881243	-	6	33	ATG	TAA	0	0	
mORF_-_2881215	2881215	2881283	-	4	69	TTG	TAG	0	0	
mORF_-_2881280	2881280	2881333	-	6	54	ATG	TGA	0	0	
mORF_-_2881302	2881302	2881631	-	4	330	GTG	TAA	0	0	
mORF_-_2881364	2881364	2881414	-	6	51	ATG	TAA	0	0	
mORF_-_2881415	2881415	2881438	-	6	24	ATG	TAA	0	0	
mORF_-_2881644	2881644	2881781	-	4	138	GTG	TAA	0	0	
mORF_-_2881673	2881673	2881744	-	6	72	ATG	TAA	0	0	
mORF_-_2881751	2881751	2881783	-	6	33	TTG	TGA	0	0	
mORF_-_2881827	2881827	2881847	-	4	21	GTG	TGA	0	0	
mORF_-_2881880	2881880	2881903	-	6	24	GTG	TAA	0	0	
mORF_-_2881896	2881896	2881928	-	4	33	ATG	TAG	0	0	
mORF_-_2881947	2881947	2882000	-	4	54	TTG	TAA	0	0	
mORF_-_2881970	2881970	2882005	-	6	36	TTG	TGA	0	0	
mORF_-_2882016	2882016	2882042	-	4	27	GTG	TAG	0	0	
mORF_-_2882039	2882039	2882062	-	6	24	GTG	TGA	0	0	
mORF_-_2882094	2882094	2882147	-	4	54	TTG	TAA	0	0	
mORF_-_2882157	2882157	2882276	-	4	120	GTG	TGA	0	0	
mORF_-_2882171	2882171	2882236	-	6	66	TTG	TGA	0	0	
mORF_-_2882255	2882255	2882263	-	6	9	TTG	TAA	0	0	
mORF_-_2882267	2882267	2882272	-	6	6	ATG	TGA	0	0	
mORF_-_2882273	2882273	2882293	-	6	21	ATG	TGA	0	0	
mORF_-_2882290	2882290	2882319	-	5	30	ATG	TGA	0	0	

mORF_-_2882298	2882298	2882306	-	4	9	TTG	TAA	0	0	
mORF_-_2882307	2882307	2882363	-	4	57	ATG	TAA	0	0	
mORF_-_2882342	2882342	2882368	-	6	27	TTG	TAA	0	0	
mORF_-_2882365	2882365	2882424	-	5	60	ATG	TGA	0	0	
mORF_-_2882405	2882405	2882470	-	6	66	ATG	TAA	0	0	
mORF_-_2882433	2882433	2882504	-	4	72	GTG	TAA	0	0	
mORF_-_2882467	2882467	2882562	-	5	96	TTG	TGA	0	0	
mORF_-_2882480	2882480	2882497	-	6	18	ATG	TAA	0	0	
mORF_-_2882510	2882510	2882566	-	6	57	ATG	TAG	0	0	
mORF_-_2882575	2882575	2885241	-	5	2667	ATG	TAA	1	3	pORF_-_2882575
mORF_-_2882604	2882604	2882705	-	4	102	ATG	TGA	0	0	
mORF_-_2882642	2882642	2882689	-	6	48	TTG	TAA	0	0	
mORF_-_2882709	2882709	2882786	-	4	78	ATG	TAG	0	0	
mORF_-_2882790	2882790	2882846	-	4	57	ATG	TAA	0	0	
mORF_-_2882865	2882865	2882876	-	4	12	ATG	TGA	0	0	
mORF_-_2882883	2882883	2883209	-	4	327	TTG	TAA	0	0	
mORF_-_2882927	2882927	2882935	-	6	9	GTG	TGA	0	0	
mORF_-_2882966	2882966	2882971	-	6	6	GTG	TGA	0	0	
mORF_-_2882987	2882987	2883010	-	6	24	ATG	TAA	0	0	
mORF_-_2883044	2883044	2883055	-	6	12	ATG	TAG	0	0	
mORF_-_2883101	2883101	2883124	-	6	24	GTG	TGA	0	0	
mORF_-_2883206	2883206	2883301	-	6	96	TTG	TGA	0	0	
mORF_-_2883294	2883294	2883413	-	4	120	GTG	TAA	0	0	
mORF_-_2883423	2883423	2883440	-	4	18	ATG	TGA	0	0	
mORF_-_2883467	2883467	2883496	-	6	30	ATG	TAA	0	0	
mORF_-_2883480	2883480	2883542	-	4	63	GTG	TAA	0	0	
mORF_-_2883509	2883509	2883523	-	6	15	TTG	TGA	0	0	
mORF_-_2883596	2883596	2883607	-	6	12	TTG	TGA	0	0	
mORF_-_2883657	2883657	2883683	-	4	27	ATG	TAG	0	0	
mORF_-_2883684	2883684	2883749	-	4	66	ATG	TGA	0	0	
mORF_-_2883777	2883777	2883821	-	4	45	ATG	TGA	0	0	
mORF_-_2883858	2883858	2883893	-	4	36	TTG	TGA	0	0	
mORF_-_2883894	2883894	2883923	-	4	30	GTG	TAA	0	0	
mORF_-_2883957	2883957	2883995	-	4	39	TTG	TGA	0	0	
mORF_-_2883968	2883968	2883979	-	6	12	TTG	TGA	0	0	
mORF_-_2884007	2884007	2884045	-	6	39	GTG	TAA	0	0	
mORF_-_2884083	2884083	2884262	-	4	180	ATG	TAA	1	6	pORF_-_2884083
mORF_-_2884244	2884244	2884258	-	6	15	TTG	TGA	0	0	
mORF_-_2884326	2884326	2884343	-	4	18	TTG	TAG	0	0	
mORF_-_2884344	2884344	2884430	-	4	87	GTG	TAG	0	0	
mORF_-_2884400	2884400	2884408	-	6	9	ATG	TGA	0	0	
mORF_-_2884431	2884431	2884454	-	4	24	ATG	TGA	0	0	
mORF_-_2884482	2884482	2884490	-	4	9	ATG	TGA	0	0	
mORF_-_2884491	2884491	2884514	-	4	24	ATG	TAA	0	0	
mORF_-_2884548	2884548	2884562	-	4	15	TTG	TAG	0	0	
mORF_-_2884556	2884556	2884594	-	6	39	TTG	TGA	0	0	
mORF_-_2884595	2884595	2884663	-	6	69	GTG	TGA	0	0	
mORF_-_2884632	2884632	2884763	-	4	132	ATG	TAA	0	0	
mORF_-_2884679	2884679	2884723	-	6	45	TTG	TAA	0	0	
mORF_-_2884730	2884730	2884789	-	6	60	ATG	TAA	0	0	
mORF_-_2884782	2884782	2884937	-	4	156	ATG	TAG	0	0	
mORF_-_2884874	2884874	2884882	-	6	9	TTG	TAA	0	0	
mORF_-_2884910	2884910	2884918	-	6	9	GTG	TAA	0	0	
mORF_-_2884937	2884937	2884972	-	6	36	TTG	TAA	0	0	
mORF_-_2884965	2884965	2885030	-	4	66	TTG	TGA	0	0	
mORF_-_2885052	2885052	2885147	-	4	96	TTG	TGA	0	0	
mORF_-_2885075	2885075	2885125	-	6	51	TTG	TGA	0	0	
mORF_-_2885144	2885144	2885152	-	6	9	TTG	TGA	0	0	
mORF_-_2885160	2885160	2885177	-	4	18	ATG	TAA	0	0	
mORF_-_2885174	2885174	2885221	-	6	48	ATG	TGA	0	0	
mORF_-_2885287	2885287	2885433	-	5	147	ATG	TAG	0	0	
mORF_-_2885304	2885304	2885333	-	4	30	GTG	TGA	0	0	
mORF_-_2885318	2885318	2885335	-	6	18	ATG	TAA	0	0	

mORF_-_2885361	2885361	2885471	-	4	111	TTG	TAG	0	0	
mORF_-_2885452	2885452	2885475	-	5	24	GTG	TAA	0	0	
mORF_-_2885468	2885468	2885596	-	6	129	TTG	TGA	0	0	
mORF_-_2885527	2885527	2885565	-	5	39	ATG	TGA	0	0	
mORF_-_2885562	2885562	2885675	-	4	114	ATG	TGA	0	0	
mORF_-_2885581	2885581	2885619	-	5	39	GTG	TAA	0	0	
mORF_-_2885600	2885600	2886373	-	6	774	GTG	TAA	24	274	pORF_-_2885600
mORF_-_2885629	2885629	2885718	-	5	90	ATG	TAA	0	0	
mORF_-_2885715	2885715	2885723	-	4	9	ATG	TGA	0	0	
mORF_-_2885737	2885737	2885892	-	5	156	ATG	TGA	0	0	
mORF_-_2885914	2885914	2886021	-	5	108	GTG	TGA	0	0	
mORF_-_2885958	2885958	2885975	-	4	18	GTG	TGA	0	0	
mORF_-_2886055	2886055	2886066	-	5	12	TTG	TAA	0	0	
mORF_-_2886154	2886154	2886198	-	5	45	GTG	TGA	0	0	
mORF_-_2886316	2886316	2886345	-	5	30	GTG	TAA	0	0	
mORF_-_2886342	2886342	2886488	-	4	147	GTG	TGA	0	0	
mORF_-_2886389	2886389	2886418	-	6	30	GTG	TAG	0	0	
mORF_-_2886409	2886409	2888121	-	5	1713	ATG	TAA	82	1612	pORF_-_2886409
mORF_-_2886519	2886519	2886674	-	4	156	GTG	TGA	0	0	
mORF_-_2886635	2886635	2886676	-	6	42	TTG	TAA	0	0	
mORF_-_2886693	2886693	2886698	-	4	6	GTG	TAA	0	0	
mORF_-_2886702	2886702	2886728	-	4	27	ATG	TGA	0	0	
mORF_-_2886738	2886738	2886857	-	4	120	ATG	TAA	0	0	
mORF_-_2886743	2886743	2886823	-	6	81	TTG	TAA	0	0	
mORF_-_2886861	2886861	2886917	-	4	57	GTG	TAA	0	0	
mORF_-_2886996	2886996	2887031	-	4	36	ATG	TGA	0	0	
mORF_-_2887047	2887047	2887241	-	4	195	GTG	TGA	0	0	
mORF_-_2887251	2887251	2887358	-	4	108	GTG	TGA	0	0	
mORF_-_2887461	2887461	2887559	-	4	99	ATG	TAG	0	0	
mORF_-_2887586	2887586	2887606	-	6	21	GTG	TGA	0	0	
mORF_-_2887668	2887668	2887697	-	4	30	TTG	TGA	0	0	
mORF_-_2887779	2887779	2887817	-	4	39	TTG	TGA	0	0	
mORF_-_2887808	2887808	2887837	-	6	30	GTG	TGA	0	0	
mORF_-_2887851	2887851	2887940	-	4	90	ATG	TGA	0	0	
mORF_-_2888013	2888013	2888054	-	4	42	ATG	TAA	0	0	
mORF_-_2888051	2888051	2888131	-	6	81	ATG	TGA	0	0	
mORF_-_2888121	2888121	2889920	-	4	1800	ATG	TAA	77	1113	pORF_-_2888121
mORF_-_2888150	2888150	2888164	-	6	15	GTG	TAG	0	0	
mORF_-_2888165	2888165	2888212	-	6	48	TTG	TAA	0	0	
mORF_-_2888213	2888213	2888374	-	6	162	TTG	TGA	0	0	
mORF_-_2888287	2888287	2888418	-	5	132	GTG	TGA	0	0	
mORF_-_2888387	2888387	2888548	-	6	162	TTG	TGA	0	0	
mORF_-_2888555	2888555	2888707	-	6	153	TTG	TGA	0	0	
mORF_-_2888792	2888792	2888938	-	6	147	TTG	TAA	0	0	
mORF_-_2888932	2888932	2888973	-	5	42	GTG	TGA	0	0	
mORF_-_2888987	2888987	2889025	-	6	39	ATG	TGA	0	0	
mORF_-_2889022	2889022	2889039	-	5	18	GTG	TGA	0	0	
mORF_-_2889032	2889032	2889052	-	6	21	TTG	TGA	0	0	
mORF_-_2889059	2889059	2889130	-	6	72	GTG	TGA	0	0	
mORF_-_2889131	2889131	2889250	-	6	120	ATG	TAG	0	0	
mORF_-_2889251	2889251	2889478	-	6	228	TTG	TAA	0	0	
mORF_-_2889313	2889313	2889333	-	5	21	GTG	TGA	0	0	
mORF_-_2889659	2889659	2889700	-	6	42	ATG	TAG	0	0	
mORF_-_2889728	2889728	2889823	-	6	96	TTG	TAA	0	0	
mORF_-_2889917	2889917	2889973	-	6	57	ATG	TGA	0	0	
mORF_-_2889927	2889927	2889944	-	4	18	TTG	TAA	0	0	
mORF_-_2889995	2889995	2890048	-	6	54	TTG	TAA	0	0	
mORF_-_2890038	2890038	2890070	-	4	33	TTG	TAG	0	0	
mORF_-_2890054	2890054	2890086	-	5	33	TTG	TAG	0	0	
mORF_-_2890064	2890064	2890129	-	6	66	TTG	TAA	0	0	
mORF_-_2890077	2890077	2890115	-	4	39	TTG	TAA	0	0	
mORF_-_2890122	2890122	2890133	-	4	12	ATG	TAA	0	0	
mORF_-_2890133	2890133	2890267	-	6	135	GTG	TAA	0	0	

mORF_-_2890251	2890251	2890283	-	4	33	GTG	TAA	0	0
mORF_-_2890264	2890264	2890293	-	5	30	GTG	TGA	0	0
mORF_-_2890287	2890287	2890379	-	4	93	ATG	TAA	0	0
mORF_-_2890407	2890407	2890451	-	4	45	ATG	TAG	0	0
mORF_-_2890420	2890420	2890428	-	5	9	TTG	TAA	0	0
mORF_-_2890451	2890451	2890459	-	6	9	TTG	TAA	0	0
mORF_-_2890456	2890456	2890503	-	5	48	TTG	TGA	0	0
mORF_-_2890517	2890517	2890573	-	6	57	GTG	TGA	0	0
mORF_-_2890542	2890542	2890622	-	4	81	TTG	TAA	0	0
mORF_-_2890619	2890619	2890675	-	6	57	ATG	TGA	0	0
mORF_-_2890639	2890639	2890803	-	5	165	TTG	TAG	0	0
mORF_-_2890704	2890704	2890838	-	4	135	GTG	TAA	0	0
mORF_-_2890823	2890823	2890897	-	6	75	GTG	TAA	0	0
mORF_-_2890861	2890861	2890893	-	5	33	GTG	TGA	0	0
mORF_-_2890890	2890890	2891060	-	4	171	GTG	TGA	0	0
mORF_-_2890894	2890894	2891037	-	5	144	ATG	TGA	0	0
mORF_-_2890976	2890976	2891170	-	6	195	GTG	TAA	0	0
mORF_-_2891122	2891122	2891148	-	5	27	TTG	TAA	0	0
mORF_-_2891167	2891167	2891217	-	5	51	TTG	TGA	0	0
mORF_-_2891174	2891174	2891263	-	6	90	ATG	TAA	0	0
mORF_-_2891214	2891214	2891240	-	4	27	ATG	TGA	0	0
mORF_-_2891295	2891295	2891333	-	4	39	ATG	TGA	0	0
mORF_-_2891318	2891318	2891353	-	6	36	TTG	TAA	0	0
mORF_-_2891347	2891347	2891613	-	5	267	ATG	TGA	0	0
mORF_-_2891363	2891363	2891443	-	6	81	ATG	TAA	0	0
mORF_-_2891391	2891391	2891414	-	4	24	TTG	TAA	0	0
mORF_-_2891463	2891463	2891480	-	4	18	GTG	TGA	0	0
mORF_-_2891477	2891477	2891710	-	6	234	GTG	TGA	0	0
mORF_-_2891586	2891586	2891861	-	4	276	GTG	TGA	0	0
mORF_-_2891707	2891707	2891712	-	5	6	TTG	TGA	0	0
mORF_-_2891741	2891741	2891776	-	6	36	TTG	TAG	0	0
mORF_-_2891873	2891873	2891887	-	6	15	ATG	TAA	0	0
mORF_-_2891888	2891888	2891911	-	6	24	ATG	TAA	0	0
mORF_-_2891896	2891896	2891985	-	5	90	GTG	TGA	0	0
mORF_-_2891928	2891928	2892065	-	4	138	GTG	TGA	0	0
mORF_-_2892062	2892062	2892145	-	6	84	GTG	TGA	0	0
mORF_-_2892090	2892090	2892116	-	4	27	GTG	TAG	0	0
mORF_-_2892145	2892145	2892345	-	5	201	ATG	TAG	0	0
mORF_-_2892159	2892159	2892185	-	4	27	GTG	TAG	0	0
mORF_-_2892227	2892227	2892397	-	6	171	ATG	TAA	0	0
mORF_-_2892264	2892264	2892293	-	4	30	TTG	TAA	0	0
mORF_-_2892390	2892390	2892422	-	4	33	TTG	TAA	0	0
mORF_-_2892439	2892439	2892486	-	5	48	TTG	TGA	0	0
mORF_-_2892477	2892477	2892509	-	4	33	TTG	TGA	0	0
mORF_-_2892491	2892491	2892535	-	6	45	ATG	TGA	0	0
mORF_-_2892543	2892543	2892557	-	4	15	TTG	TAA	0	0
mORF_-_2892554	2892554	2892670	-	6	117	TTG	TGA	0	0
mORF_-_2892565	2892565	2892939	-	5	375	GTG	TGA	0	0
mORF_-_2892723	2892723	2892854	-	4	132	ATG	TAA	0	0
mORF_-_2892785	2892785	2892847	-	6	63	ATG	TAA	0	0
mORF_-_2892855	2892855	2892950	-	4	96	TTG	TGA	0	0
mORF_-_2892893	2892893	2892898	-	6	6	TTG	TAG	0	0
mORF_-_2892941	2892941	2893834	-	6	894	ATG	TAA	0	0
mORF_-_2892967	2892967	2893065	-	5	99	TTG	TGA	0	0
mORF_-_2893071	2893071	2893127	-	4	57	GTG	TAG	0	0
mORF_-_2893090	2893090	2893161	-	5	72	TTG	TAA	0	0
mORF_-_2893162	2893162	2893185	-	5	24	GTG	TGA	0	0
mORF_-_2893306	2893306	2893326	-	5	21	ATG	TAG	0	0
mORF_-_2893330	2893330	2893377	-	5	48	TTG	TGA	0	0
mORF_-_2893344	2893344	2893451	-	4	108	ATG	TAG	0	0
mORF_-_2893483	2893483	2893491	-	5	9	ATG	TAA	0	0
mORF_-_2893540	2893540	2893665	-	5	126	ATG	TGA	0	0
mORF_-_2893593	2893593	2893649	-	4	57	GTG	TGA	0	0

mORF_-_2893684	2893684	2893701	-	5	18	TTG	TAG	0	0	
mORF_-_2893698	2893698	2893724	-	4	27	TTG	TGA	0	0	
mORF_-_2893756	2893756	2893767	-	5	12	ATG	TAG	0	0	
mORF_-_2893783	2893783	2893788	-	5	6	TTG	TGA	0	0	
mORF_-_2893798	2893798	2894583	-	5	786	GTG	TGA	0	0	
mORF_-_2893854	2893854	2893871	-	4	18	TTG	TAG	0	0	
mORF_-_2893868	2893868	2893918	-	6	51	GTG	TGA	0	0	
mORF_-_2893872	2893872	2894036	-	4	165	TTG	TGA	0	0	
mORF_-_2894015	2894015	2894065	-	6	51	TTG	TGA	0	0	
mORF_-_2894037	2894037	2894186	-	4	150	ATG	TGA	0	0	
mORF_-_2894078	2894078	2894248	-	6	171	ATG	TGA	0	0	
mORF_-_2894220	2894220	2894369	-	4	150	ATG	TGA	0	0	
mORF_-_2894388	2894388	2894543	-	4	156	ATG	TAA	0	0	
mORF_-_2894495	2894495	2894518	-	6	24	GTG	TAA	0	0	
mORF_-_2894555	2894555	2895964	-	6	1410	ATG	TAA	0	0	
mORF_-_2894587	2894587	2894592	-	5	6	ATG	TAG	0	0	
mORF_-_2894619	2894619	2894720	-	4	102	GTG	TAA	0	0	
mORF_-_2894644	2894644	2894658	-	5	15	TTG	TGA	0	0	
mORF_-_2894737	2894737	2894751	-	5	15	TTG	TAA	0	0	
mORF_-_2894758	2894758	2894871	-	5	114	TTG	TGA	0	0	
mORF_-_2894989	2894989	2895012	-	5	24	TTG	TAG	0	0	
mORF_-_2895013	2895013	2895024	-	5	12	ATG	TAA	0	0	
mORF_-_2895024	2895024	2895107	-	4	84	ATG	TAA	0	0	
mORF_-_2895043	2895043	2895063	-	5	21	TTG	TGA	0	0	
mORF_-_2895097	2895097	2895102	-	5	6	TTG	TGA	0	0	
mORF_-_2895112	2895112	2895126	-	5	15	TTG	TAA	0	0	
mORF_-_2895202	2895202	2895270	-	5	69	TTG	TAA	0	0	
mORF_-_2895210	2895210	2895440	-	4	231	GTG	TGA	0	0	
mORF_-_2895331	2895331	2895426	-	5	96	ATG	TGA	0	0	
mORF_-_2895492	2895492	2895668	-	4	177	GTG	TGA	0	0	
mORF_-_2895511	2895511	2895543	-	5	33	TTG	TAG	0	0	
mORF_-_2895544	2895544	2895606	-	5	63	TTG	TGA	0	0	
mORF_-_2895613	2895613	2895699	-	5	87	TTG	TGA	0	0	
mORF_-_2895739	2895739	2895795	-	5	57	ATG	TGA	0	0	
mORF_-_2895805	2895805	2895867	-	5	63	ATG	TGA	0	0	
mORF_-_2895895	2895895	2895906	-	5	12	ATG	TAA	0	0	
mORF_-_2895903	2895903	2895986	-	4	84	ATG	TGA	0	0	
mORF_-_2895961	2895961	2895996	-	5	36	TTG	TGA	0	0	
mORF_-_2895986	2895986	2897440	-	6	1455	ATG	TAA	13	98	pORF_-_2895986
mORF_-_2896018	2896018	2896029	-	5	12	ATG	TGA	0	0	
mORF_-_2896029	2896029	2896070	-	4	42	GTG	TAA	0	0	
mORF_-_2896048	2896048	2896431	-	5	384	GTG	TGA	0	0	
mORF_-_2896470	2896470	2896511	-	4	42	ATG	TAA	0	0	
mORF_-_2896486	2896486	2896539	-	5	54	TTG	TGA	0	0	
mORF_-_2896552	2896552	2896563	-	5	12	TTG	TGA	0	0	
mORF_-_2896578	2896578	2896601	-	4	24	ATG	TGA	0	0	
mORF_-_2896591	2896591	2896695	-	5	105	GTG	TGA	0	0	
mORF_-_2896783	2896783	2896914	-	5	132	TTG	TAA	0	0	
mORF_-_2896788	2896788	2896802	-	4	15	GTG	TGA	0	0	
mORF_-_2896972	2896972	2897109	-	5	138	TTG	TAG	0	0	
mORF_-_2897037	2897037	2897078	-	4	42	ATG	TGA	0	0	
mORF_-_2897158	2897158	2897229	-	5	72	ATG	TAG	0	0	
mORF_-_2897239	2897239	2897247	-	5	9	GTG	TGA	0	0	
mORF_-_2897275	2897275	2897343	-	5	69	TTG	TAA	0	0	
mORF_-_2897356	2897356	2897370	-	5	15	ATG	TAA	0	0	
mORF_-_2897367	2897367	2897477	-	4	111	ATG	TGA	0	0	
mORF_-_2897377	2897377	2897397	-	5	21	TTG	TAA	0	0	
mORF_-_2897404	2897404	2897418	-	5	15	TTG	TAA	0	0	
mORF_-_2897477	2897477	2897500	-	6	24	GTG	TAA	0	0	
mORF_-_2897510	2897510	2898370	-	6	861	ATG	TAA	4	38	pORF_-_2897510
mORF_-_2897518	2897518	2897535	-	5	18	TTG	TAG	0	0	
mORF_-_2897532	2897532	2897621	-	4	90	TTG	TGA	0	0	
mORF_-_2897539	2897539	2897559	-	5	21	ATG	TAG	0	0	

mORF_-_2897599	2897599	2897721	-	5	123	ATG	TAA	0	0
mORF_-_2897743	2897743	2897820	-	5	78	GTG	TAG	0	0
mORF_-_2897751	2897751	2897756	-	4	6	TTG	TGA	0	0
mORF_-_2897787	2897787	2897813	-	4	27	ATG	TAA	0	0
mORF_-_2897875	2897875	2897895	-	5	21	ATG	TGA	0	0
mORF_-_2897923	2897923	2897931	-	5	9	TTG	TGA	0	0
mORF_-_2897932	2897932	2897952	-	5	21	GTG	TGA	0	0
mORF_-_2897974	2897974	2898114	-	5	141	TTG	TGA	0	0
mORF_-_2897979	2897979	2897984	-	4	6	TTG	TAA	0	0
mORF_-_2898027	2898027	2898035	-	4	9	TTG	TGA	0	0
mORF_-_2898115	2898115	2898195	-	5	81	TTG	TGA	0	0
mORF_-_2898205	2898205	2898231	-	5	27	TTG	TAG	0	0
mORF_-_2898247	2898247	2898276	-	5	30	ATG	TGA	0	0
mORF_-_2898298	2898298	2898321	-	5	24	TTG	TAA	0	0
mORF_-_2898370	2898370	2898456	-	5	87	TTG	TAA	0	0
mORF_-_2898396	2898396	2898434	-	4	39	GTG	TAA	0	0
mORF_-_2898453	2898453	2898491	-	4	39	GTG	TGA	0	0
mORF_-_2898463	2898463	2898498	-	5	36	GTG	TAA	0	0
mORF_-_2898488	2898488	2898622	-	6	135	GTG	TGA	0	0
mORF_-_2898520	2898520	2898528	-	5	9	TTG	TAA	0	0
mORF_-_2898525	2898525	2898629	-	4	105	ATG	TGA	0	0
mORF_-_2898595	2898595	2898624	-	5	30	TTG	TAA	0	0
mORF_-_2898695	2898695	2898712	-	6	18	TTG	TAA	0	0
mORF_-_2898709	2898709	2898789	-	5	81	ATG	TGA	0	0
mORF_-_2898796	2898796	2898864	-	5	69	ATG	TAA	0	0
mORF_-_2898813	2898813	2898833	-	4	21	GTG	TAA	0	0
mORF_-_2898830	2898830	2898835	-	6	6	GTG	TGA	0	0
mORF_-_2898864	2898864	2898902	-	4	39	GTG	TAA	0	0
mORF_-_2898953	2898953	2899012	-	6	60	TTG	TAA	0	0
mORF_-_2898975	2898975	2898986	-	4	12	ATG	TAA	0	0
mORF_-_2899000	2899000	2899140	-	5	141	ATG	TGA	0	0
mORF_-_2899074	2899074	2899103	-	4	30	GTG	TAA	0	0
mORF_-_2899153	2899153	2899320	-	5	168	ATG	TAA	0	0
mORF_-_2899188	2899188	2899238	-	4	51	ATG	TAA	0	0
mORF_-_2899235	2899235	2899495	-	6	261	TTG	TGA	0	0
mORF_-_2899321	2899321	2899329	-	5	9	ATG	TAG	0	0
mORF_-_2899336	2899336	2899347	-	5	12	TTG	TAA	0	0
mORF_-_2899348	2899348	2899371	-	5	24	ATG	TAG	0	0
mORF_-_2899390	2899390	2899458	-	5	69	GTG	TAG	0	0
mORF_-_2899407	2899407	2899439	-	4	33	GTG	TGA	0	0
mORF_-_2899459	2899459	2899602	-	5	144	GTG	TAG	0	0
mORF_-_2899523	2899523	2899558	-	6	36	TTG	TAA	0	0
mORF_-_2899599	2899599	2899655	-	4	57	GTG	TGA	0	0
mORF_-_2899613	2899613	2899843	-	6	231	TTG	TGA	0	0
mORF_-_2899660	2899660	2899677	-	5	18	GTG	TAA	0	0
mORF_-_2899665	2899665	2899730	-	4	66	TTG	TAA	0	0
mORF_-_2899723	2899723	2899752	-	5	30	GTG	TAA	0	0
mORF_-_2899771	2899771	2899887	-	5	117	TTG	TAG	0	0
mORF_-_2899824	2899824	2899874	-	4	51	TTG	TAA	0	0
mORF_-_2899902	2899902	2899937	-	4	36	ATG	TAA	0	0
mORF_-_2899934	2899934	2900086	-	6	153	ATG	TGA	0	0
mORF_-_2899956	2899956	2900036	-	4	81	GTG	TGA	0	0
mORF_-_2900020	2900020	2900061	-	5	42	ATG	TAA	0	0
mORF_-_2900086	2900086	2900103	-	5	18	GTG	TAA	0	0
mORF_-_2900115	2900115	2900201	-	4	87	GTG	TGA	0	0
mORF_-_2900182	2900182	2900310	-	5	129	ATG	TAA	0	0
mORF_-_2900219	2900219	2900236	-	6	18	GTG	TAA	0	0
mORF_-_2900240	2900240	2900245	-	6	6	GTG	TAA	0	0
mORF_-_2900250	2900250	2900285	-	4	36	GTG	TAA	0	0
mORF_-_2900261	2900261	2900278	-	6	18	ATG	TAG	0	0
mORF_-_2900298	2900298	2900345	-	4	48	TTG	TAA	0	0
mORF_-_2900314	2900314	2900505	-	5	192	ATG	TAA	0	0
mORF_-_2900327	2900327	2900386	-	6	60	ATG	TAA	0	0

mORF_-_2900430	2900430	2900609	-	4	180	GTG	TGA	0	0	
mORF_-_2900477	2900477	2900641	-	6	165	GTG	TGA	0	0	
mORF_-_2900572	2900572	2900691	-	5	120	TTG	TAA	0	0	
mORF_-_2900610	2900610	2900636	-	4	27	TTG	TAA	0	0	
mORF_-_2900681	2900681	2900803	-	6	123	GTG	TAG	0	0	
mORF_-_2900709	2900709	2900756	-	4	48	ATG	TAA	0	0	
mORF_-_2900775	2900775	2900936	-	4	162	ATG	TGA	0	0	
mORF_-_2900812	2900812	2901039	-	5	228	ATG	TAA	0	0	
mORF_-_2900912	2900912	2900947	-	6	36	ATG	TAA	0	0	
mORF_-_2900940	2900940	2900996	-	4	57	TTG	TAA	0	0	
mORF_-_2900997	2900997	2901005	-	4	9	TTG	TAA	0	0	
mORF_-_2901024	2901024	2901128	-	4	105	ATG	TGA	0	0	
mORF_-_2901101	2901101	2901115	-	6	15	GTG	TGA	0	0	
mORF_-_2901128	2901128	2901142	-	6	15	TTG	TAA	0	0	
mORF_-_2901158	2901158	2901199	-	6	42	TTG	TAA	0	0	
mORF_-_2901192	2901192	2901260	-	4	69	TTG	TAA	0	0	
mORF_-_2901264	2901264	2901470	-	4	207	ATG	TAG	0	0	
mORF_-_2901298	2901298	2901531	-	5	234	ATG	TAG	0	0	
mORF_-_2901446	2901446	2901499	-	6	54	TTG	TAA	0	0	
mORF_-_2901546	2901546	2901641	-	4	96	GTG	TAG	0	0	
mORF_-_2901568	2901568	2901573	-	5	6	TTG	TAA	0	0	
mORF_-_2901584	2901584	2901589	-	6	6	GTG	TAG	0	0	
mORF_-_2901599	2901599	2901634	-	6	36	TTG	TAA	0	0	
mORF_-_2901642	2901642	2901671	-	4	30	ATG	TAA	0	0	
mORF_-_2901664	2901664	2901717	-	5	54	GTG	TAA	0	0	
mORF_-_2901704	2901704	2901730	-	6	27	TTG	TAA	0	0	
mORF_-_2901727	2901727	2901741	-	5	15	TTG	TGA	0	0	
mORF_-_2901755	2901755	2901766	-	6	12	TTG	TAA	0	0	
mORF_-_2901759	2901759	2901821	-	4	63	ATG	TAA	0	0	
mORF_-_2901821	2901821	2901829	-	6	9	TTG	TAA	0	0	
mORF_-_2901832	2901832	2901876	-	5	45	ATG	TAA	0	0	
mORF_-_2901866	2901866	2901880	-	6	15	TTG	TAA	0	0	
mORF_-_2901873	2901873	2901956	-	4	84	ATG	TGA	0	0	
mORF_-_2901899	2901899	2901937	-	6	39	ATG	TAA	0	0	
mORF_-_2901963	2901963	2902136	-	4	174	TTG	TAA	0	0	
mORF_-_2901983	2901983	2901988	-	6	6	TTG	TAA	0	0	
mORF_-_2902039	2902039	2902185	-	5	147	GTG	TAA	0	0	
mORF_-_2902139	2902139	2902276	-	6	138	GTG	TAG	0	0	
mORF_-_2902161	2902161	2902307	-	4	147	GTG	TAA	0	0	
mORF_-_2902222	2902222	2902266	-	5	45	GTG	TAA	0	0	
mORF_-_2902283	2902283	2902339	-	6	57	GTG	TAA	0	0	
mORF_-_2902324	2902324	2902368	-	5	45	GTG	TAA	0	0	
mORF_-_2902344	2902344	2902370	-	4	27	ATG	TAA	0	0	
mORF_-_2902370	2902370	2902438	-	6	69	ATG	TAA	0	0	
mORF_-_2902405	2902405	2902512	-	5	108	ATG	TAA	0	0	
mORF_-_2902452	2902452	2902475	-	4	24	GTG	TAA	0	0	
mORF_-_2902472	2902472	2902477	-	6	6	TTG	TGA	0	0	
mORF_-_2902488	2902488	2902499	-	4	12	GTG	TAA	0	0	
mORF_-_2902496	2902496	2902531	-	6	36	GTG	TGA	0	0	
mORF_-_2902516	2902516	2902593	-	5	78	TTG	TAA	0	0	
mORF_-_2902532	2902532	2902540	-	6	9	ATG	TAA	0	0	
mORF_-_2902580	2902580	2902615	-	6	36	GTG	TAG	0	0	
mORF_-_2902587	2902587	2902637	-	4	51	GTG	TAG	0	0	
mORF_-_2902597	2902597	2902605	-	5	9	TTG	TAA	0	0	
mORF_-_2902655	2902655	2902741	-	6	87	GTG	TAG	0	0	
mORF_-_2902662	2902662	2902745	-	4	84	ATG	TAA	0	0	
mORF_-_2902765	2902765	2902776	-	5	12	TTG	TAA	0	0	
mORF_-_2902769	2902769	2903440	-	6	672	ATG	TGA	9	43	pORF_-_2902769
mORF_-_2902780	2902780	2902902	-	5	123	ATG	TAA	0	0	
mORF_-_2902788	2902788	2902814	-	4	27	TTG	TAA	0	0	
mORF_-_2902833	2902833	2902841	-	4	9	GTG	TGA	0	0	
mORF_-_2902906	2902906	2903007	-	5	102	ATG	TGA	0	0	
mORF_-_2903023	2903023	2903082	-	5	60	GTG	TGA	0	0	

mORF_-_2903128	2903128	2903163	-	5	36	GTG	TGA	0	0	
mORF_-_2903142	2903142	2903153	-	4	12	TTG	TGA	0	0	
mORF_-_2903170	2903170	2903445	-	5	276	ATG	TGA	2	8	pORF_-_2903170
mORF_-_2903223	2903223	2903243	-	4	21	GTG	TGA	0	0	
mORF_-_2903298	2903298	2903351	-	4	54	ATG	TGA	0	0	
mORF_-_2903424	2903424	2903498	-	4	75	ATG	TAA	0	0	
mORF_-_2903467	2903467	2903511	-	5	45	ATG	TAA	0	0	
mORF_-_2903471	2903471	2903494	-	6	24	TTG	TAA	0	0	
mORF_-_2903528	2903528	2903548	-	6	21	ATG	TAA	0	0	
mORF_-_2903582	2903582	2903614	-	6	33	ATG	TGA	0	0	
mORF_-_2903611	2903611	2903700	-	5	90	TTG	TGA	0	0	
mORF_-_2903616	2903616	2903624	-	4	9	ATG	TGA	0	0	
mORF_-_2903738	2903738	2904052	-	6	315	ATG	TAG	0	0	
mORF_-_2903748	2903748	2903804	-	4	57	TTG	TAG	0	0	
mORF_-_2903755	2903755	2903790	-	5	36	TTG	TGA	0	0	
mORF_-_2903791	2903791	2903802	-	5	12	GTG	TAG	0	0	
mORF_-_2903805	2903805	2903816	-	4	12	TTG	TAA	0	0	
mORF_-_2903827	2903827	2903847	-	5	21	GTG	TAA	0	0	
mORF_-_2903844	2903844	2903870	-	4	27	GTG	TGA	0	0	
mORF_-_2903874	2903874	2903906	-	4	33	TTG	TAA	0	0	
mORF_-_2903887	2903887	2903946	-	5	60	TTG	TGA	0	0	
mORF_-_2903916	2903916	2903954	-	4	39	TTG	TAA	0	0	
mORF_-_2903959	2903959	2903964	-	5	6	TTG	TAG	0	0	
mORF_-_2903985	2903985	2904143	-	4	159	TTG	TAA	0	0	
mORF_-_2904062	2904062	2904196	-	6	135	GTG	TAA	0	0	
mORF_-_2904106	2904106	2904132	-	5	27	ATG	TGA	0	0	
mORF_-_2904165	2904165	2904191	-	4	27	TTG	TAG	0	0	
mORF_-_2904193	2904193	2904201	-	5	9	GTG	TGA	0	0	
mORF_-_2904198	2904198	2904209	-	4	12	TTG	TGA	0	0	
mORF_-_2904237	2904237	2904320	-	4	84	TTG	TGA	0	0	
mORF_-_2904268	2904268	2904369	-	5	102	TTG	TAG	0	0	
mORF_-_2904371	2904371	2904448	-	6	78	ATG	TAG	0	0	
mORF_-_2904460	2904460	2904492	-	5	33	ATG	TAA	0	0	
mORF_-_2904468	2904468	2904509	-	4	42	ATG	TAA	0	0	
mORF_-_2904506	2904506	2904610	-	6	105	TTG	TGA	0	0	
mORF_-_2904537	2904537	2904641	-	4	105	ATG	TGA	0	0	
mORF_-_2904553	2904553	2904591	-	5	39	ATG	TAA	0	0	
mORF_-_2904665	2904665	2905963	-	6	1299	ATG	TAA	279	15477	pORF_-_2904665
mORF_-_2904736	2904736	2904759	-	5	24	GTG	TGA	0	0	
mORF_-_2904772	2904772	2904882	-	5	111	ATG	TGA	0	0	
mORF_-_2905000	2905000	2905020	-	5	21	TTG	TAA	0	0	
mORF_-_2905123	2905123	2905347	-	5	225	TTG	TGA	0	0	
mORF_-_2905426	2905426	2905443	-	5	18	TTG	TGA	0	0	
mORF_-_2905453	2905453	2905497	-	5	45	GTG	TGA	0	0	
mORF_-_2905681	2905681	2905725	-	5	45	TTG	TGA	0	0	
mORF_-_2905750	2905750	2905761	-	5	12	TTG	TAA	0	0	
mORF_-_2905771	2905771	2905935	-	5	165	GTG	TAA	0	0	
mORF_-_2905963	2905963	2906010	-	5	48	TTG	TAA	0	0	
mORF_-_2905974	2905974	2905982	-	4	9	GTG	TGA	0	0	
mORF_-_2905986	2905986	2906006	-	4	21	TTG	TAA	0	0	
mORF_-_2906051	2906051	2907688	-	6	1638	ATG	TAA	93	1180	pORF_-_2906051
mORF_-_2906089	2906089	2906247	-	5	159	TTG	TGA	0	0	
mORF_-_2906118	2906118	2906168	-	4	51	GTG	TGA	0	0	
mORF_-_2906254	2906254	2906427	-	5	174	ATG	TGA	0	0	
mORF_-_2906340	2906340	2906354	-	4	15	GTG	TGA	0	0	
mORF_-_2906424	2906424	2906435	-	4	12	GTG	TGA	0	0	
mORF_-_2906443	2906443	2906529	-	5	87	TTG	TGA	0	0	
mORF_-_2906526	2906526	2906555	-	4	30	TTG	TGA	0	0	
mORF_-_2906530	2906530	2906589	-	5	60	TTG	TAA	0	0	
mORF_-_2906614	2906614	2906694	-	5	81	ATG	TAG	0	0	
mORF_-_2906707	2906707	2906730	-	5	24	GTG	TGA	0	0	
mORF_-_2906737	2906737	2906745	-	5	9	GTG	TGA	0	0	
mORF_-_2906764	2906764	2906826	-	5	63	GTG	TGA	0	0	

mORF_-_2906823	2906823	2906864	-	4	42	ATG	TGA	0	0	
mORF_-_2906904	2906904	2906909	-	4	6	TTG	TAA	0	0	
mORF_-_2906974	2906974	2907027	-	5	54	GTG	TGA	0	0	
mORF_-_2907003	2907003	2907062	-	4	60	TTG	TAA	0	0	
mORF_-_2907103	2907103	2907138	-	5	36	GTG	TAA	0	0	
mORF_-_2907166	2907166	2907252	-	5	87	GTG	TGA	0	0	
mORF_-_2907280	2907280	2907372	-	5	93	GTG	TAG	0	0	
mORF_-_2907580	2907580	2907630	-	5	51	TTG	TGA	0	0	
mORF_-_2907636	2907636	2907770	-	4	135	GTG	TAA	0	0	
mORF_-_2907664	2907664	2907669	-	5	6	TTG	TGA	0	0	
mORF_-_2907685	2907685	2907891	-	5	207	TTG	TGA	0	0	
mORF_-_2907704	2907704	2907859	-	6	156	TTG	TAA	0	0	
mORF_-_2907861	2907861	2907875	-	4	15	ATG	TGA	0	0	
mORF_-_2907872	2907872	2907889	-	6	18	GTG	TGA	0	0	
mORF_-_2907876	2907876	2907926	-	4	51	TTG	TAA	0	0	
mORF_-_2907916	2907916	2908707	-	5	792	ATG	TAA	1	10	pORF_-_2907916
mORF_-_2907939	2907939	2907980	-	4	42	GTG	TAA	0	0	
mORF_-_2907984	2907984	2908010	-	4	27	TTG	TGA	0	0	
mORF_-_2908083	2908083	2908157	-	4	75	TTG	TAG	0	0	
mORF_-_2908205	2908205	2908255	-	6	51	TTG	TAA	0	0	
mORF_-_2908212	2908212	2908277	-	4	66	GTG	TAG	0	0	
mORF_-_2908281	2908281	2908415	-	4	135	ATG	TAA	0	0	
mORF_-_2908295	2908295	2908366	-	6	72	TTG	TAG	0	0	
mORF_-_2908431	2908431	2908622	-	4	192	TTG	TAG	0	0	
mORF_-_2908442	2908442	2908456	-	6	15	TTG	TAG	0	0	
mORF_-_2908634	2908634	2908642	-	6	9	GTG	TAA	0	0	
mORF_-_2908704	2908704	2908778	-	4	75	GTG	TGA	0	0	
mORF_-_2908735	2908735	2908785	-	5	51	TTG	TGA	0	0	
mORF_-_2908778	2908778	2909113	-	6	336	ATG	TAG	4	10	pORF_-_2908778
mORF_-_2908786	2908786	2908833	-	5	48	TTG	TGA	0	0	
mORF_-_2908897	2908897	2908971	-	5	75	GTG	TAG	0	0	
mORF_-_2908905	2908905	2908979	-	4	75	GTG	TGA	0	0	
mORF_-_2909011	2909011	2909070	-	5	60	TTG	TGA	0	0	
mORF_-_2909067	2909067	2909231	-	4	165	TTG	TGA	0	0	
mORF_-_2909113	2909113	2909361	-	5	249	ATG	TAA	1	2	pORF_-_2909113
mORF_-_2909235	2909235	2909258	-	4	24	TTG	TAA	0	0	
mORF_-_2909262	2909262	2909276	-	4	15	TTG	TGA	0	0	
mORF_-_2909273	2909273	2909338	-	6	66	TTG	TGA	0	0	
mORF_-_2909358	2909358	2909408	-	4	51	TTG	TGA	0	0	
mORF_-_2909372	2909372	2909386	-	6	15	ATG	TGA	0	0	
mORF_-_2909405	2909405	2909533	-	6	129	TTG	TGA	0	0	
mORF_-_2909410	2909410	2909430	-	5	21	TTG	TAG	0	0	
mORF_-_2909439	2909439	2911673	-	4	2235	ATG	TAG	16	43	pORF_-_2909439
mORF_-_2909537	2909537	2909590	-	6	54	TTG	TGA	0	0	
mORF_-_2909597	2909597	2909653	-	6	57	ATG	TGA	0	0	
mORF_-_2909657	2909657	2909818	-	6	162	ATG	TAG	0	0	
mORF_-_2909698	2909698	2909706	-	5	9	ATG	TGA	0	0	
mORF_-_2909713	2909713	2909763	-	5	51	TTG	TGA	0	0	
mORF_-_2909858	2909858	2909872	-	6	15	GTG	TGA	0	0	
mORF_-_2909942	2909942	2909971	-	6	30	GTG	TGA	0	0	
mORF_-_2910002	2910002	2910064	-	6	63	ATG	TGA	0	0	
mORF_-_2910104	2910104	2910214	-	6	111	GTG	TGA	0	0	
mORF_-_2910245	2910245	2910532	-	6	288	TTG	TAA	0	0	
mORF_-_2910508	2910508	2910528	-	5	21	GTG	TGA	0	0	
mORF_-_2910533	2910533	2910760	-	6	228	ATG	TGA	0	0	
mORF_-_2910757	2910757	2910810	-	5	54	TTG	TGA	0	0	
mORF_-_2910788	2910788	2910925	-	6	138	ATG	TAG	0	0	
mORF_-_2910953	2910953	2911033	-	6	81	TTG	TGA	0	0	
mORF_-_2911015	2911015	2911089	-	5	75	ATG	TGA	0	0	
mORF_-_2911091	2911091	2911180	-	6	90	ATG	TGA	0	0	
mORF_-_2911114	2911114	2911143	-	5	30	GTG	TAA	0	0	
mORF_-_2911184	2911184	2911204	-	6	21	TTG	TAA	0	0	
mORF_-_2911226	2911226	2911243	-	6	18	ATG	TAG	0	0	

mORF_-_2911316	2911316	2911396	-	6	81	ATG	TGA	0	0	
mORF_-_2911406	2911406	2911456	-	6	51	TTG	TAG	0	0	
mORF_-_2911466	2911466	2911522	-	6	57	ATG	TAA	0	0	
mORF_-_2911492	2911492	2911575	-	5	84	GTG	TGA	0	0	
mORF_-_2911568	2911568	2911657	-	6	90	GTG	TAG	0	0	
mORF_-_2911576	2911576	2911617	-	5	42	ATG	TGA	0	0	
mORF_-_2911642	2911642	2911800	-	5	159	TTG	TAA	0	0	
mORF_-_2911661	2911661	2911669	-	6	9	TTG	TAA	0	0	
mORF_-_2911685	2911685	2911720	-	6	36	TTG	TAA	0	0	
mORF_-_2911721	2911721	2913022	-	6	1302	ATG	TAG	2	2	pORF_-_2911721
mORF_-_2911816	2911816	2911866	-	5	51	ATG	TAA	0	0	
mORF_-_2911891	2911891	2911995	-	5	105	TTG	TAA	0	0	
mORF_-_2911947	2911947	2911970	-	4	24	GTG	TAA	0	0	
mORF_-_2912014	2912014	2912076	-	5	63	GTG	TGA	0	0	
mORF_-_2912080	2912080	2912193	-	5	114	GTG	TAG	0	0	
mORF_-_2912163	2912163	2912183	-	4	21	ATG	TGA	0	0	
mORF_-_2912212	2912212	2912223	-	5	12	ATG	TGA	0	0	
mORF_-_2912254	2912254	2912316	-	5	63	GTG	TAA	0	0	
mORF_-_2912416	2912416	2912517	-	5	102	TTG	TGA	0	0	
mORF_-_2912445	2912445	2912489	-	4	45	ATG	TGA	0	0	
mORF_-_2912514	2912514	2912540	-	4	27	ATG	TGA	0	0	
mORF_-_2912527	2912527	2912562	-	5	36	GTG	TAG	0	0	
mORF_-_2912623	2912623	2912658	-	5	36	ATG	TAA	0	0	
mORF_-_2912665	2912665	2912679	-	5	15	ATG	TGA	0	0	
mORF_-_2912670	2912670	2912765	-	4	96	ATG	TGA	0	0	
mORF_-_2912689	2912689	2912772	-	5	84	TTG	TAA	0	0	
mORF_-_2912812	2912812	2912943	-	5	132	TTG	TAA	0	0	
mORF_-_2912971	2912971	2913039	-	5	69	TTG	TAA	0	0	
mORF_-_2913036	2913036	2913086	-	4	51	TTG	TGA	0	0	
mORF_-_2913041	2913041	2913127	-	6	87	GTG	TAA	0	0	
mORF_-_2913087	2913087	2913107	-	4	21	ATG	TAG	0	0	
mORF_-_2913145	2913145	2913267	-	5	123	TTG	TAA	0	0	
mORF_-_2913195	2913195	2913257	-	4	63	ATG	TGA	0	0	
mORF_-_2913289	2913289	2913384	-	5	96	ATG	TAA	0	0	
mORF_-_2913342	2913342	2913377	-	4	36	TTG	TAA	0	0	
mORF_-_2913368	2913368	2913400	-	6	33	TTG	TGA	0	0	
mORF_-_2913381	2913381	2913476	-	4	96	GTG	TGA	0	0	
mORF_-_2913397	2913397	2913597	-	5	201	TTG	TGA	0	0	
mORF_-_2913495	2913495	2913530	-	4	36	TTG	TAA	0	0	
mORF_-_2913537	2913537	2913800	-	4	264	TTG	TGA	1	2	pORF_-_2913537
mORF_-_2913670	2913670	2913846	-	5	177	GTG	TAA	0	0	
mORF_-_2913797	2913797	2913811	-	6	15	TTG	TGA	0	0	
mORF_-_2913828	2913828	2913848	-	4	21	TTG	TGA	0	0	
mORF_-_2913953	2913953	2914000	-	6	48	GTG	TAA	0	0	
mORF_-_2913979	2913979	2913984	-	5	6	GTG	TGA	0	0	
mORF_-_2914019	2914019	2914108	-	6	90	TTG	TAA	0	0	
mORF_-_2914045	2914045	2914068	-	5	24	GTG	TAA	0	0	
mORF_-_2914065	2914065	2914190	-	4	126	GTG	TGA	0	0	
mORF_-_2914112	2914112	2914180	-	6	69	GTG	TAA	0	0	
mORF_-_2914180	2914180	2914230	-	5	51	GTG	TAG	0	0	
mORF_-_2914205	2914205	2914219	-	6	15	GTG	TAA	0	0	
mORF_-_2914227	2914227	2914439	-	4	213	ATG	TGA	0	0	
mORF_-_2914303	2914303	2914461	-	5	159	TTG	TAA	0	0	
mORF_-_2914319	2914319	2914339	-	6	21	TTG	TAG	0	0	
mORF_-_2914468	2914468	2914587	-	5	120	ATG	TAA	0	0	
mORF_-_2914512	2914512	2914670	-	4	159	GTG	TGA	0	0	
mORF_-_2914541	2914541	2914546	-	6	6	GTG	TAA	0	0	
mORF_-_2914556	2914556	2914609	-	6	54	TTG	TAA	0	0	
mORF_-_2914606	2914606	2914728	-	5	123	TTG	TGA	0	0	
mORF_-_2914652	2914652	2914930	-	6	279	GTG	TAA	0	0	
mORF_-_2914698	2914698	2914733	-	4	36	GTG	TAG	0	0	
mORF_-_2914744	2914744	2914806	-	5	63	ATG	TAA	0	0	
mORF_-_2914806	2914806	2914952	-	4	147	TTG	TAA	0	0	

mORF_-_2914852	2914852	2914866	-	5	15	ATG	TAG	0	0	
mORF_-_2914873	2914873	2914956	-	5	84	TTG	TAA	0	0	
mORF_-_2914949	2914949	2914993	-	6	45	GTG	TGA	0	0	
mORF_-_2914987	2914987	2915181	-	5	195	ATG	TAA	0	0	
mORF_-_2914994	2914994	2915080	-	6	87	TTG	TAG	0	0	
mORF_-_2915031	2915031	2915105	-	4	75	TTG	TGA	0	0	
mORF_-_2915123	2915123	2915134	-	6	12	ATG	TAA	0	0	
mORF_-_2915224	2915224	2915517	-	5	294	TTG	TAA	1	3	pORF_-_2915224
mORF_-_2915235	2915235	2915276	-	4	42	ATG	TGA	0	0	
mORF_-_2915309	2915309	2915332	-	6	24	TTG	TAA	0	0	
mORF_-_2915427	2915427	2915606	-	4	180	TTG	TAG	0	0	
mORF_-_2915474	2915474	2915698	-	6	225	GTG	TGA	0	0	
mORF_-_2915551	2915551	2915571	-	5	21	TTG	TAA	0	0	
mORF_-_2915575	2915575	2915730	-	5	156	TTG	TAA	0	0	
mORF_-_2915682	2915682	2915822	-	4	141	TTG	TAG	0	0	
mORF_-_2915747	2915747	2915857	-	6	111	TTG	TAG	0	0	
mORF_-_2915880	2915880	2915894	-	4	15	TTG	TGA	0	0	
mORF_-_2915923	2915923	2915997	-	5	75	GTG	TAA	0	0	
mORF_-_2915940	2915940	2915951	-	4	12	TTG	TAG	0	0	
mORF_-_2915958	2915958	2915999	-	4	42	TTG	TGA	0	0	
mORF_-_2915966	2915966	2916082	-	6	117	GTG	TAA	0	0	
mORF_-_2916004	2916004	2916030	-	5	27	TTG	TAG	0	0	
mORF_-_2916067	2916067	2917431	-	5	1365	TTG	TAA	1	2	pORF_-_2916067
mORF_-_2916114	2916114	2916176	-	4	63	ATG	TGA	0	0	
mORF_-_2916207	2916207	2916260	-	4	54	TTG	TAG	0	0	
mORF_-_2916257	2916257	2916298	-	6	42	TTG	TGA	0	0	
mORF_-_2916273	2916273	2916350	-	4	78	ATG	TGA	0	0	
mORF_-_2916405	2916405	2916488	-	4	84	TTG	TGA	0	0	
mORF_-_2916416	2916416	2916424	-	6	9	GTG	TGA	0	0	
mORF_-_2916585	2916585	2916635	-	4	51	ATG	TGA	0	0	
mORF_-_2916590	2916590	2916622	-	6	33	GTG	TGA	0	0	
mORF_-_2916681	2916681	2916782	-	4	102	GTG	TGA	0	0	
mORF_-_2916789	2916789	2916851	-	4	63	ATG	TGA	0	0	
mORF_-_2916858	2916858	2916995	-	4	138	ATG	TGA	0	0	
mORF_-_2916869	2916869	2916895	-	6	27	ATG	TGA	0	0	
mORF_-_2917071	2917071	2917136	-	4	66	TTG	TAG	0	0	
mORF_-_2917155	2917155	2917175	-	4	21	GTG	TGA	0	0	
mORF_-_2917188	2917188	2917208	-	4	21	ATG	TAG	0	0	
mORF_-_2917284	2917284	2917322	-	4	39	GTG	TGA	0	0	
mORF_-_2917332	2917332	2917382	-	4	51	TTG	TGA	0	0	
mORF_-_2917373	2917373	2917462	-	6	90	TTG	TGA	0	0	
mORF_-_2917428	2917428	2918783	-	4	1356	TTG	TGA	3	65	pORF_-_2917428
mORF_-_2917478	2917478	2917603	-	6	126	TTG	TGA	0	0	
mORF_-_2917615	2917615	2917662	-	5	48	TTG	TAA	0	0	
mORF_-_2917637	2917637	2917714	-	6	78	ATG	TGA	0	0	
mORF_-_2917750	2917750	2917788	-	5	39	TTG	TAA	0	0	
mORF_-_2917769	2917769	2917840	-	6	72	TTG	TGA	0	0	
mORF_-_2917850	2917850	2917858	-	6	9	ATG	TAG	0	0	
mORF_-_2917865	2917865	2917873	-	6	9	ATG	TGA	0	0	
mORF_-_2917949	2917949	2918014	-	6	66	ATG	TGA	0	0	
mORF_-_2917954	2917954	2917986	-	5	33	ATG	TGA	0	0	
mORF_-_2918011	2918011	2918028	-	5	18	ATG	TGA	0	0	
mORF_-_2918015	2918015	2918086	-	6	72	ATG	TGA	0	0	
mORF_-_2918044	2918044	2918055	-	5	12	ATG	TGA	0	0	
mORF_-_2918102	2918102	2918209	-	6	108	TTG	TGA	0	0	
mORF_-_2918167	2918167	2918253	-	5	87	GTG	TAA	0	0	
mORF_-_2918222	2918222	2918308	-	6	87	GTG	TGA	0	0	
mORF_-_2918363	2918363	2918386	-	6	24	ATG	TAG	0	0	
mORF_-_2918399	2918399	2918485	-	6	87	TTG	TAG	0	0	
mORF_-_2918531	2918531	2918578	-	6	48	TTG	TGA	0	0	
mORF_-_2918591	2918591	2918710	-	6	120	ATG	TGA	0	0	
mORF_-_2918770	2918770	2920122	-	5	1353	ATG	TAA	0	0	
mORF_-_2918844	2918844	2918864	-	4	21	ATG	TAA	0	0	

mORF_-_2918868	2918868	2918966	-	4	99	GTG	TGA	0	0	
mORF_-_2918942	2918942	2919016	-	6	75	TTG	TAA	0	0	
mORF_-_2919035	2919035	2919076	-	6	42	GTG	TAA	0	0	
mORF_-_2919069	2919069	2919080	-	4	12	TTG	TGA	0	0	
mORF_-_2919129	2919129	2919152	-	4	24	TTG	TAA	0	0	
mORF_-_2919143	2919143	2919400	-	6	258	GTG	TAA	0	0	
mORF_-_2919177	2919177	2919248	-	4	72	TTG	TGA	0	0	
mORF_-_2919450	2919450	2919461	-	4	12	GTG	TGA	0	0	
mORF_-_2919528	2919528	2919599	-	4	72	ATG	TGA	0	0	
mORF_-_2919630	2919630	2919968	-	4	339	TTG	TGA	0	0	
mORF_-_2919797	2919797	2919928	-	6	132	ATG	TAG	0	0	
mORF_-_2919965	2919965	2920174	-	6	210	ATG	TGA	0	0	
mORF_-_2920059	2920059	2920094	-	4	36	GTG	TAG	0	0	
mORF_-_2920119	2920119	2920130	-	4	12	GTG	TGA	0	0	
mORF_-_2920156	2920156	2920323	-	5	168	TTG	TGA	0	0	
mORF_-_2920217	2920217	2920342	-	6	126	ATG	TAA	0	0	
mORF_-_2920248	2920248	2920283	-	4	36	ATG	TAA	0	0	
mORF_-_2920320	2920320	2920454	-	4	135	TTG	TGA	0	0	
mORF_-_2920342	2920342	2920365	-	5	24	GTG	TAA	0	0	
mORF_-_2920367	2920367	2920390	-	6	24	TTG	TGA	0	0	
mORF_-_2920474	2920474	2920590	-	5	117	GTG	TAG	0	0	
mORF_-_2920488	2920488	2920523	-	4	36	GTG	TAA	0	0	
mORF_-_2920526	2920526	2920537	-	6	12	ATG	TAG	0	0	
mORF_-_2920538	2920538	2920633	-	6	96	TTG	TAA	0	0	
mORF_-_2920557	2920557	2921006	-	4	450	ATG	TGA	2	4	pORF_-_2920557
mORF_-_2920634	2920634	2920702	-	6	69	ATG	TGA	0	0	
mORF_-_2920712	2920712	2920738	-	6	27	TTG	TGA	0	0	
mORF_-_2920739	2920739	2920855	-	6	117	ATG	TGA	0	0	
mORF_-_2920883	2920883	2920900	-	6	18	TTG	TAA	0	0	
mORF_-_2920955	2920955	2920996	-	6	42	TTG	TAG	0	0	
mORF_-_2921024	2921024	2921806	-	6	783	ATG	TAA	4	2	pORF_-_2921024
mORF_-_2921032	2921032	2921106	-	5	75	TTG	TAA	0	0	
mORF_-_2921182	2921182	2921202	-	5	21	ATG	TGA	0	0	
mORF_-_2921209	2921209	2921304	-	5	96	TTG	TAA	0	0	
mORF_-_2921428	2921428	2921463	-	5	36	TTG	TGA	0	0	
mORF_-_2921524	2921524	2921577	-	5	54	TTG	TGA	0	0	
mORF_-_2921620	2921620	2921670	-	5	51	ATG	TGA	0	0	
mORF_-_2921677	2921677	2921688	-	5	12	GTG	TAG	0	0	
mORF_-_2921760	2921760	2921780	-	4	21	ATG	TAA	0	0	
mORF_-_2921764	2921764	2921784	-	5	21	ATG	TAA	0	0	
mORF_-_2921781	2921781	2921918	-	4	138	TTG	TGA	0	0	
mORF_-_2921806	2921806	2922135	-	5	330	ATG	TAA	4	10	pORF_-_2921806
mORF_-_2921942	2921942	2921989	-	6	48	GTG	TAA	0	0	
mORF_-_2921970	2921970	2922125	-	4	156	ATG	TGA	0	0	
mORF_-_2922122	2922122	2922148	-	6	27	TTG	TGA	0	0	
mORF_-_2922145	2922145	2922204	-	5	60	GTG	TGA	0	0	
mORF_-_2922201	2922201	2922230	-	4	30	ATG	TGA	0	0	
mORF_-_2922236	2922236	2922292	-	6	57	TTG	TAG	0	0	
mORF_-_2922256	2922256	2922300	-	5	45	ATG	TGA	0	0	
mORF_-_2922307	2922307	2922324	-	5	18	GTG	TAG	0	0	
mORF_-_2922321	2922321	2922401	-	4	81	ATG	TGA	0	0	
mORF_-_2922344	2922344	2922385	-	6	42	ATG	TGA	0	0	
mORF_-_2922382	2922382	2922522	-	5	141	GTG	TGA	0	0	
mORF_-_2922438	2922438	2922455	-	4	18	ATG	TGA	0	0	
mORF_-_2922452	2922452	2922481	-	6	30	ATG	TGA	0	0	
mORF_-_2922576	2922576	2922596	-	4	21	TTG	TAA	0	0	
mORF_-_2922587	2922587	2922637	-	6	51	TTG	TAA	0	0	
mORF_-_2922624	2922624	2922644	-	4	21	ATG	TAA	0	0	
mORF_-_2922672	2922672	2922794	-	4	123	TTG	TAA	0	0	
mORF_-_2922710	2922710	2922736	-	6	27	GTG	TAG	0	0	
mORF_-_2922733	2922733	2922738	-	5	6	TTG	TGA	0	0	
mORF_-_2922757	2922757	2923302	-	5	546	GTG	TAA	5	16	pORF_-_2922757
mORF_-_2922804	2922804	2922851	-	4	48	GTG	TAG	0	0	

mORF_-_2922818	2922818	2922844	-	6	27	GTG	TAA	0	0
mORF_-_2922860	2922860	2922865	-	6	6	GTG	TAA	0	0
mORF_-_2922939	2922939	2922953	-	4	15	TTG	TGA	0	0
mORF_-_2922954	2922954	2922989	-	4	36	GTG	TGA	0	0
mORF_-_2923008	2923008	2923049	-	4	42	TTG	TGA	0	0
mORF_-_2923086	2923086	2923109	-	4	24	TTG	TGA	0	0
mORF_-_2923106	2923106	2923186	-	6	81	GTG	TGA	0	0
mORF_-_2923116	2923116	2923214	-	4	99	GTG	TAA	0	0
mORF_-_2923215	2923215	2923250	-	4	36	ATG	TAA	0	0
mORF_-_2923238	2923238	2923318	-	6	81	GTG	TGA	0	0
mORF_-_2923315	2923315	2923371	-	5	57	ATG	TGA	0	0
mORF_-_2923319	2923319	2923333	-	6	15	GTG	TAA	0	0
mORF_-_2923341	2923341	2923472	-	4	132	GTG	TAA	0	0
mORF_-_2923355	2923355	2923390	-	6	36	ATG	TAA	0	0
mORF_-_2923454	2923454	2923600	-	6	147	ATG	TAG	0	0
mORF_-_2923612	2923612	2923617	-	5	6	GTG	TAA	0	0
mORF_-_2923654	2923654	2923731	-	5	78	GTG	TAG	0	0
mORF_-_2923760	2923760	2923921	-	6	162	GTG	TAA	0	0
mORF_-_2923798	2923798	2923836	-	5	39	GTG	TGA	0	0
mORF_-_2923846	2923846	2923857	-	5	12	GTG	TAG	0	0
mORF_-_2923864	2923864	2923947	-	5	84	GTG	TAG	0	0
mORF_-_2923914	2923914	2923934	-	4	21	TTG	TGA	0	0
mORF_-_2923931	2923931	2923996	-	6	66	TTG	TGA	0	0
mORF_-_2923944	2923944	2924033	-	4	90	ATG	TGA	0	0
mORF_-_2924030	2924030	2924056	-	6	27	GTG	TGA	0	0
mORF_-_2924041	2924041	2924076	-	5	36	ATG	TGA	0	0
mORF_-_2924079	2924079	2924129	-	4	51	GTG	TAA	0	0
mORF_-_2924090	2924090	2924230	-	6	141	TTG	TAA	0	0
mORF_-_2924131	2924131	2924199	-	5	69	GTG	TAA	0	0
mORF_-_2924157	2924157	2924249	-	4	93	GTG	TAA	0	0
mORF_-_2924227	2924227	2924271	-	5	45	ATG	TGA	0	0
mORF_-_2924246	2924246	2924425	-	6	180	TTG	TGA	0	0
mORF_-_2924290	2924290	2924403	-	5	114	GTG	TGA	0	0
mORF_-_2924334	2924334	2924339	-	4	6	GTG	TAA	0	0
mORF_-_2924394	2924394	2924444	-	4	51	GTG	TAA	0	0
mORF_-_2924422	2924422	2924640	-	5	219	ATG	TGA	0	0
mORF_-_2924441	2924441	2924800	-	6	360	GTG	TGA	0	0
mORF_-_2924650	2924650	2924733	-	5	84	ATG	TAA	0	0
mORF_-_2924715	2924715	2924804	-	4	90	TTG	TAG	0	0
mORF_-_2924797	2924797	2924877	-	5	81	GTG	TGA	0	0
mORF_-_2924801	2924801	2925079	-	6	279	GTG	TGA	0	0
mORF_-_2924944	2924944	2925033	-	5	90	ATG	TAA	0	0
mORF_-_2925076	2925076	2925087	-	5	12	ATG	TGA	0	0
mORF_-_2925087	2925087	2925179	-	4	93	ATG	TAA	0	0
mORF_-_2925127	2925127	2925162	-	5	36	TTG	TAG	0	0
mORF_-_2925166	2925166	2925189	-	5	24	GTG	TGA	0	0
mORF_-_2925173	2925173	2925271	-	6	99	ATG	TAA	0	0
mORF_-_2925271	2925271	2925285	-	5	15	ATG	TAA	0	0
mORF_-_2925367	2925367	2925393	-	5	27	ATG	TAG	0	0
mORF_-_2925375	2925375	2925386	-	4	12	TTG	TAA	0	0
mORF_-_2925383	2925383	2925466	-	6	84	TTG	TGA	0	0
mORF_-_2925463	2925463	2925552	-	5	90	ATG	TGA	0	0
mORF_-_2925568	2925568	2925579	-	5	12	TTG	TAA	0	0
mORF_-_2925617	2925617	2925640	-	6	24	ATG	TAG	0	0
mORF_-_2925659	2925659	2925745	-	6	87	GTG	TGA	0	0
mORF_-_2925664	2925664	2925669	-	5	6	ATG	TAG	0	0
mORF_-_2925676	2925676	2925690	-	5	15	GTG	TAG	0	0
mORF_-_2925742	2925742	2925756	-	5	15	TTG	TGA	0	0
mORF_-_2925753	2925753	2925797	-	4	45	GTG	TGA	0	0
mORF_-_2925758	2925758	2925766	-	6	9	ATG	TGA	0	0
mORF_-_2925763	2925763	2925804	-	5	42	TTG	TGA	0	0
mORF_-_2925794	2925794	2925844	-	6	51	TTG	TGA	0	0
mORF_-_2925817	2925817	2925867	-	5	51	ATG	TAA	0	0

mORF_-_2925884	2925884	2925907	-	6	24	ATG	TAG	0	0	
mORF_-_2925932	2925932	2925991	-	6	60	TTG	TGA	0	0	
mORF_-_2925942	2925942	2925947	-	4	6	ATG	TAG	0	0	
mORF_-_2926024	2926024	2926128	-	5	105	TTG	TAA	0	0	
mORF_-_2926133	2926133	2926177	-	6	45	ATG	TAA	0	0	
mORF_-_2926149	2926149	2926193	-	4	45	GTG	TAA	0	0	
mORF_-_2926186	2926186	2926377	-	5	192	TTG	TGA	0	0	
mORF_-_2926224	2926224	2928065	-	4	1842	ATG	TAA	0	0	
mORF_-_2926262	2926262	2926321	-	6	60	ATG	TGA	0	0	
mORF_-_2926337	2926337	2926417	-	6	81	ATG	TAA	0	0	
mORF_-_2926451	2926451	2926507	-	6	57	GTG	TGA	0	0	
mORF_-_2926573	2926573	2926608	-	5	36	TTG	TAG	0	0	
mORF_-_2926595	2926595	2926633	-	6	39	ATG	TAA	0	0	
mORF_-_2926630	2926630	2926659	-	5	30	GTG	TGA	0	0	
mORF_-_2926637	2926637	2927107	-	6	471	ATG	TGA	1	2	pORF_-_2926637
mORF_-_2926735	2926735	2926893	-	5	159	TTG	TAA	0	0	
mORF_-_2926930	2926930	2927013	-	5	84	GTG	TGA	0	0	
mORF_-_2927120	2927120	2927194	-	6	75	TTG	TAA	0	0	
mORF_-_2927137	2927137	2927145	-	5	9	GTG	TAA	0	0	
mORF_-_2927188	2927188	2927223	-	5	36	GTG	TGA	0	0	
mORF_-_2927210	2927210	2927395	-	6	186	ATG	TAG	0	0	
mORF_-_2927314	2927314	2927391	-	5	78	TTG	TGA	0	0	
mORF_-_2927392	2927392	2927448	-	5	57	TTG	TGA	0	0	
mORF_-_2927465	2927465	2927476	-	6	12	TTG	TGA	0	0	
mORF_-_2927470	2927470	2927517	-	5	48	TTG	TGA	0	0	
mORF_-_2927579	2927579	2927632	-	6	54	ATG	TAA	0	0	
mORF_-_2927620	2927620	2927664	-	5	45	TTG	TGA	0	0	
mORF_-_2927648	2927648	2927845	-	6	198	ATG	TGA	0	0	
mORF_-_2927854	2927854	2927895	-	5	42	TTG	TAA	0	0	
mORF_-_2927927	2927927	2927983	-	6	57	ATG	TGA	0	0	
mORF_-_2928046	2928046	2928159	-	5	114	GTG	TAA	0	0	
mORF_-_2928114	2928114	2928137	-	4	24	ATG	TGA	0	0	
mORF_-_2928140	2928140	2928394	-	6	255	ATG	TGA	0	0	
mORF_-_2928156	2928156	2928221	-	4	66	GTG	TGA	0	0	
mORF_-_2928241	2928241	2928324	-	5	84	GTG	TGA	0	0	
mORF_-_2928388	2928388	2928402	-	5	15	GTG	TGA	0	0	
mORF_-_2928494	2928494	2928502	-	6	9	TTG	TAG	0	0	
mORF_-_2928523	2928523	2928819	-	5	297	GTG	TAG	0	0	
mORF_-_2928539	2928539	2928562	-	6	24	ATG	TAA	0	0	
mORF_-_2928572	2928572	2928910	-	6	339	TTG	TAA	0	0	
mORF_-_2928669	2928669	2929256	-	4	588	ATG	TAA	0	0	
mORF_-_2928868	2928868	2928942	-	5	75	TTG	TAA	0	0	
mORF_-_2928962	2928962	2928976	-	6	15	TTG	TAA	0	0	
mORF_-_2929010	2929010	2929036	-	6	27	ATG	TGA	0	0	
mORF_-_2929085	2929085	2929126	-	6	42	ATG	TGA	0	0	
mORF_-_2929093	2929093	2929107	-	5	15	GTG	TAA	0	0	
mORF_-_2929178	2929178	2929186	-	6	9	ATG	TGA	0	0	
mORF_-_2929186	2929186	2929368	-	5	183	TTG	TAA	0	0	
mORF_-_2929263	2929263	2929310	-	4	48	GTG	TAA	0	0	
mORF_-_2929271	2929271	2929414	-	6	144	TTG	TAA	0	0	
mORF_-_2929326	2929326	2929346	-	4	21	TTG	TAA	0	0	
mORF_-_2929392	2929392	2929433	-	4	42	ATG	TAA	0	0	
mORF_-_2929411	2929411	2929533	-	5	123	ATG	TGA	0	0	
mORF_-_2929488	2929488	2929559	-	4	72	TTG	TAA	0	0	
mORF_-_2929577	2929577	2929648	-	6	72	GTG	TAA	0	0	
mORF_-_2929597	2929597	2929854	-	5	258	TTG	TGA	0	0	
mORF_-_2929667	2929667	2929876	-	6	210	GTG	TGA	0	0	
mORF_-_2929728	2929728	2929739	-	4	12	ATG	TAA	0	0	
mORF_-_2929776	2929776	2929793	-	4	18	ATG	TAA	0	0	
mORF_-_2929806	2929806	2929814	-	4	9	TTG	TAA	0	0	
mORF_-_2929873	2929873	2929878	-	5	6	ATG	TGA	0	0	
mORF_-_2929878	2929878	2929886	-	4	9	ATG	TGA	0	0	
mORF_-_2929887	2929887	2931038	-	4	1152	ATG	TAA	11	27	pORF_-_2929887

mORF_-_2929910	2929910	2930077	-	6	168	ATG	TAG	0	0	
mORF_-_2929933	2929933	2929956	-	5	24	TTG	TGA	0	0	
mORF_-_2930111	2930111	2930251	-	6	141	ATG	TGA	0	0	
mORF_-_2930261	2930261	2930395	-	6	135	ATG	TAG	0	0	
mORF_-_2930380	2930380	2930409	-	5	30	GTG	TAA	0	0	
mORF_-_2930399	2930399	2930458	-	6	60	GTG	TAA	0	0	
mORF_-_2930471	2930471	2930491	-	6	21	ATG	TGA	0	0	
mORF_-_2930495	2930495	2930551	-	6	57	TTG	TGA	0	0	
mORF_-_2930539	2930539	2930547	-	5	9	TTG	TGA	0	0	
mORF_-_2930594	2930594	2930755	-	6	162	TTG	TGA	0	0	
mORF_-_2930725	2930725	2930730	-	5	6	TTG	TAA	0	0	
mORF_-_2930762	2930762	2930794	-	6	33	GTG	TGA	0	0	
mORF_-_2930779	2930779	2930856	-	5	78	ATG	TAG	0	0	
mORF_-_2930834	2930834	2930872	-	6	39	ATG	TAG	0	0	
mORF_-_2930878	2930878	2930907	-	5	30	ATG	TAA	0	0	
mORF_-_2930933	2930933	2930953	-	6	21	GTG	TGA	0	0	
mORF_-_2930960	2930960	2930968	-	6	9	ATG	TGA	0	0	
mORF_-_2930965	2930965	2931003	-	5	39	ATG	TGA	0	0	
mORF_-_2930972	2930972	2930998	-	6	27	TTG	TAA	0	0	
mORF_-_2931035	2931035	2931085	-	6	51	ATG	TGA	0	0	
mORF_-_2931063	2931063	2931710	-	4	648	ATG	TAA	0	0	
mORF_-_2931107	2931107	2931124	-	6	18	ATG	TAG	0	0	
mORF_-_2931164	2931164	2931196	-	6	33	ATG	TGA	0	0	
mORF_-_2931193	2931193	2931207	-	5	15	ATG	TGA	0	0	
mORF_-_2931224	2931224	2931367	-	6	144	TTG	TGA	0	0	
mORF_-_2931229	2931229	2931234	-	5	6	TTG	TGA	0	0	
mORF_-_2931298	2931298	2931339	-	5	42	TTG	TGA	0	0	
mORF_-_2931368	2931368	2931547	-	6	180	TTG	TGA	1	3	pORF_-_2931368
mORF_-_2931397	2931397	2931492	-	5	96	ATG	TAA	0	0	
mORF_-_2931560	2931560	2931571	-	6	12	ATG	TGA	0	0	
mORF_-_2931568	2931568	2931672	-	5	105	TTG	TGA	0	0	
mORF_-_2931593	2931593	2931619	-	6	27	GTG	TGA	0	0	
mORF_-_2931659	2931659	2931694	-	6	36	TTG	TGA	0	0	
mORF_-_2931697	2931697	2931732	-	5	36	TTG	TAA	0	0	
mORF_-_2931710	2931710	2931760	-	6	51	GTG	TAA	0	0	
mORF_-_2931757	2931757	2931762	-	5	6	GTG	TGA	0	0	
mORF_-_2931778	2931778	2931810	-	5	33	TTG	TAA	0	0	
mORF_-_2931782	2931782	2931850	-	6	69	TTG	TAA	0	0	
mORF_-_2931820	2931820	2931825	-	5	6	TTG	TGA	0	0	
mORF_-_2931847	2931847	2931873	-	5	27	TTG	TGA	0	0	
mORF_-_2931883	2931883	2931894	-	5	12	ATG	TAA	0	0	
mORF_-_2931894	2931894	2932067	-	4	174	GTG	TAA	0	0	
mORF_-_2931932	2931932	2931994	-	6	63	ATG	TGA	0	0	
mORF_-_2931940	2931940	2931981	-	5	42	TTG	TAG	0	0	
mORF_-_2932009	2932009	2932077	-	5	69	GTG	TAA	0	0	
mORF_-_2932064	2932064	2932069	-	6	6	ATG	TGA	0	0	
mORF_-_2932081	2932081	2932107	-	5	27	ATG	TAG	0	0	
mORF_-_2932104	2932104	2932142	-	4	39	ATG	TGA	0	0	
mORF_-_2932109	2932109	2932171	-	6	63	GTG	TAA	0	0	
mORF_-_2932152	2932152	2932163	-	4	12	TTG	TGA	0	0	
mORF_-_2932168	2932168	2932215	-	5	48	ATG	TGA	0	0	
mORF_-_2932244	2932244	2932267	-	6	24	GTG	TAG	0	0	
mORF_-_2932255	2932255	2932272	-	5	18	TTG	TAG	0	0	
mORF_-_2932269	2932269	2932316	-	4	48	TTG	TGA	0	0	
mORF_-_2932325	2932325	2932396	-	6	72	ATG	TAA	0	0	
mORF_-_2932330	2932330	2932356	-	5	27	GTG	TAA	0	0	
mORF_-_2932401	2932401	2932457	-	4	57	TTG	TAA	0	0	
mORF_-_2932423	2932423	2932434	-	5	12	TTG	TAA	0	0	
mORF_-_2932475	2932475	2932483	-	6	9	ATG	TAA	0	0	
mORF_-_2932483	2932483	2932491	-	5	9	TTG	TAA	0	0	
mORF_-_2932540	2932540	2932575	-	5	36	ATG	TAA	0	0	
mORF_-_2932604	2932604	2932609	-	6	6	GTG	TAG	0	0	
mORF_-_2932633	2932633	2932671	-	5	39	TTG	TAA	0	0	

mORF_-_2932681	2932681	2932737	-	5	57	ATG	TAA	0	0
mORF_-_2932689	2932689	2932712	-	4	24	GTG	TAA	0	0
mORF_-_2932719	2932719	2932862	-	4	144	GTG	TAA	0	0
mORF_-_2932738	2932738	2932755	-	5	18	TTG	TAA	0	0
mORF_-_2932792	2932792	2932887	-	5	96	GTG	TAG	0	0
mORF_-_2932889	2932889	2932936	-	6	48	ATG	TAA	0	0
mORF_-_2932914	2932914	2933033	-	4	120	GTG	TAA	0	0
mORF_-_2932933	2932933	2933076	-	5	144	GTG	TGA	0	0
mORF_-_2932970	2932970	2932984	-	6	15	TTG	TGA	0	0
mORF_-_2933049	2933049	2933078	-	4	30	TTG	TAA	0	0
mORF_-_2933153	2933153	2933233	-	6	81	TTG	TAG	0	0
mORF_-_2933157	2933157	2933231	-	4	75	GTG	TAA	0	0
mORF_-_2933212	2933212	2933253	-	5	42	ATG	TGA	0	0
mORF_-_2933260	2933260	2933268	-	5	9	GTG	TAG	0	0
mORF_-_2933280	2933280	2933300	-	4	21	ATG	TGA	0	0
mORF_-_2933322	2933322	2933558	-	4	237	TTG	TAA	0	0
mORF_-_2933335	2933335	2933358	-	5	24	TTG	TAA	0	0
mORF_-_2933345	2933345	2933530	-	6	186	ATG	TGA	0	0
mORF_-_2933467	2933467	2933514	-	5	48	GTG	TGA	0	0
mORF_-_2933533	2933533	2933565	-	5	33	TTG	TAA	0	0
mORF_-_2933566	2933566	2933775	-	5	210	ATG	TAG	0	0
mORF_-_2933621	2933621	2934370	-	6	750	TTG	TAA	0	0
mORF_-_2933646	2933646	2933696	-	4	51	TTG	TAA	0	0
mORF_-_2933712	2933712	2933723	-	4	12	GTG	TAG	0	0
mORF_-_2933836	2933836	2933856	-	5	21	ATG	TGA	0	0
mORF_-_2933856	2933856	2933909	-	4	54	TTG	TAA	0	0
mORF_-_2933878	2933878	2933943	-	5	66	GTG	TAG	0	0
mORF_-_2933934	2933934	2934473	-	4	540	GTG	TAA	0	0
mORF_-_2933986	2933986	2934018	-	5	33	ATG	TGA	0	0
mORF_-_2934034	2934034	2934120	-	5	87	ATG	TGA	0	0
mORF_-_2934133	2934133	2934177	-	5	45	ATG	TAG	0	0
mORF_-_2934184	2934184	2934189	-	5	6	TTG	TGA	0	0
mORF_-_2934322	2934322	2934345	-	5	24	TTG	TAG	0	0
mORF_-_2934352	2934352	2934441	-	5	90	TTG	TGA	0	0
mORF_-_2934395	2934395	2934430	-	6	36	TTG	TAA	0	0
mORF_-_2934470	2934470	2934529	-	6	60	TTG	TGA	0	0
mORF_-_2934478	2934478	2934489	-	5	12	ATG	TAG	0	0
mORF_-_2934526	2934526	2934564	-	5	39	TTG	TGA	0	0
mORF_-_2934561	2934561	2934572	-	4	12	ATG	TGA	0	0
mORF_-_2934627	2934627	2934641	-	4	15	TTG	TAA	0	0
mORF_-_2934644	2934644	2934655	-	6	12	GTG	TAG	0	0
mORF_-_2934652	2934652	2934669	-	5	18	GTG	TGA	0	0
mORF_-_2934660	2934660	2934716	-	4	57	TTG	TGA	0	0
mORF_-_2934697	2934697	2934780	-	5	84	TTG	TAG	0	0
mORF_-_2934704	2934704	2935069	-	6	366	ATG	TGA	0	0
mORF_-_2934777	2934777	2934851	-	4	75	GTG	TGA	0	0
mORF_-_2934940	2934940	2935320	-	5	381	ATG	TAA	0	0
mORF_-_2935077	2935077	2935121	-	4	45	GTG	TGA	0	0
mORF_-_2935094	2935094	2935315	-	6	222	GTG	TGA	0	0
mORF_-_2935357	2935357	2935374	-	5	18	TTG	TAG	0	0
mORF_-_2935378	2935378	2935434	-	5	57	TTG	TAA	0	0
mORF_-_2935386	2935386	2935460	-	4	75	TTG	TAA	0	0
mORF_-_2935418	2935418	2935438	-	6	21	TTG	TAG	0	0
mORF_-_2935463	2935463	2935498	-	6	36	TTG	TAA	0	0
mORF_-_2935471	2935471	2935770	-	5	300	TTG	TAG	0	0
mORF_-_2935551	2935551	2935586	-	4	36	TTG	TAA	0	0
mORF_-_2935583	2935583	2935630	-	6	48	GTG	TGA	0	0
mORF_-_2935640	2935640	2935765	-	6	126	TTG	TAA	0	0
mORF_-_2935777	2935777	2935893	-	5	117	TTG	TAG	0	0
mORF_-_2935818	2935818	2935850	-	4	33	GTG	TAA	0	0
mORF_-_2935890	2935890	2935934	-	4	45	GTG	TGA	0	0
mORF_-_2935898	2935898	2935987	-	6	90	GTG	TAA	0	0
mORF_-_2935927	2935927	2936190	-	5	264	ATG	TGA	0	0

mORF_-_2935991	2935991	2936074	-	6	84	TTG	TAA	0	0	
mORF_-_2936064	2936064	2936450	-	4	387	GTG	TGA	0	0	
mORF_-_2936078	2936078	2936083	-	6	6	TTG	TAA	0	0	
mORF_-_2936177	2936177	2936251	-	6	75	TTG	TAA	0	0	
mORF_-_2936324	2936324	2936458	-	6	135	TTG	TAA	0	0	
mORF_-_2936329	2936329	2936346	-	5	18	GTG	TGA	0	0	
mORF_-_2936522	2936522	2936581	-	6	60	ATG	TAA	0	0	
mORF_-_2936533	2936533	2936571	-	5	39	GTG	TGA	0	0	
mORF_-_2936584	2936584	2936703	-	5	120	GTG	TAG	0	0	
mORF_-_2936606	2936606	2936617	-	6	12	TTG	TAA	0	0	
mORF_-_2936630	2936630	2936656	-	6	27	GTG	TAG	0	0	
mORF_-_2936658	2936658	2936705	-	4	48	ATG	TAA	0	0	
mORF_-_2936678	2936678	2936878	-	6	201	TTG	TAA	0	0	
mORF_-_2936713	2936713	2936727	-	5	15	TTG	TGA	0	0	
mORF_-_2936817	2936817	2936843	-	4	27	GTG	TAA	0	0	
mORF_-_2936869	2936869	2936922	-	5	54	TTG	TAG	0	0	
mORF_-_2936946	2936946	2937017	-	4	72	ATG	TAG	0	0	
mORF_-_2937079	2937079	2937192	-	5	114	GTG	TAA	0	0	
mORF_-_2937104	2937104	2937148	-	6	45	GTG	TAA	0	0	
mORF_-_2937173	2937173	2937226	-	6	54	TTG	TAA	0	0	
mORF_-_2937192	2937192	2937254	-	4	63	TTG	TAG	0	0	
mORF_-_2937239	2937239	2937277	-	6	39	GTG	TAA	0	0	
mORF_-_2937274	2937274	2937402	-	5	129	GTG	TGA	0	0	
mORF_-_2937309	2937309	2937338	-	4	30	ATG	TAA	0	0	
mORF_-_2937335	2937335	2937541	-	6	207	TTG	TGA	0	0	
mORF_-_2937366	2937366	2937437	-	4	72	ATG	TAA	0	0	
mORF_-_2937513	2937513	2937626	-	4	114	ATG	TAA	0	0	
mORF_-_2937596	2937596	2937601	-	6	6	ATG	TGA	0	0	
mORF_-_2937601	2937601	2937717	-	5	117	GTG	TGA	0	0	
mORF_-_2937617	2937617	2937739	-	6	123	ATG	TAA	0	0	
mORF_-_2937696	2937696	2937869	-	4	174	TTG	TGA	0	0	
mORF_-_2937740	2937740	2937796	-	6	57	ATG	TGA	0	0	
mORF_-_2937797	2937797	2937832	-	6	36	TTG	TGA	0	0	
mORF_-_2937805	2937805	2937822	-	5	18	GTG	TGA	0	0	
mORF_-_2937842	2937842	2937955	-	6	114	TTG	TAA	0	0	
mORF_-_2937895	2937895	2937933	-	5	39	GTG	TAA	0	0	
mORF_-_2937962	2937962	2938075	-	6	114	ATG	TAA	0	0	
mORF_-_2937978	2937978	2937995	-	4	18	TTG	TAA	0	0	
mORF_-_2938032	2938032	2938187	-	4	156	GTG	TGA	0	0	
mORF_-_2938075	2938075	2938101	-	5	27	TTG	TAA	0	0	
mORF_-_2938165	2938165	2939265	-	5	1101	ATG	TAA	9	25	pORF_-_2938165
mORF_-_2938221	2938221	2938268	-	4	48	ATG	TGA	0	0	
mORF_-_2938269	2938269	2938286	-	4	18	TTG	TAA	0	0	
mORF_-_2938338	2938338	2938382	-	4	45	ATG	TGA	0	0	
mORF_-_2938367	2938367	2938375	-	6	9	GTG	TGA	0	0	
mORF_-_2938382	2938382	2938393	-	6	12	GTG	TAA	0	0	
mORF_-_2938401	2938401	2938430	-	4	30	TTG	TGA	0	0	
mORF_-_2938427	2938427	2938627	-	6	201	GTG	TGA	0	0	
mORF_-_2938611	2938611	2938718	-	4	108	ATG	TAG	0	0	
mORF_-_2938646	2938646	2938654	-	6	9	GTG	TGA	0	0	
mORF_-_2938731	2938731	2938868	-	4	138	ATG	TGA	0	0	
mORF_-_2938914	2938914	2938964	-	4	51	GTG	TGA	0	0	
mORF_-_2938961	2938961	2939059	-	6	99	GTG	TGA	0	0	
mORF_-_2938977	2938977	2939069	-	4	93	TTG	TAG	0	0	
mORF_-_2939073	2939073	2939096	-	4	24	GTG	TAA	0	0	
mORF_-_2939100	2939100	2939153	-	4	54	ATG	TAA	0	0	
mORF_-_2939117	2939117	2939131	-	6	15	ATG	TGA	0	0	
mORF_-_2939160	2939160	2939255	-	4	96	TTG	TGA	0	0	
mORF_-_2939198	2939198	2939221	-	6	24	GTG	TAA	0	0	
mORF_-_2939228	2939228	2939245	-	6	18	GTG	TGA	0	0	
mORF_-_2939258	2939258	2939653	-	6	396	ATG	TAA	0	0	
mORF_-_2939262	2939262	2939390	-	4	129	TTG	TGA	0	0	
mORF_-_2939284	2939284	2939301	-	5	18	TTG	TAA	0	0	

mORF_-_2939332	2939332	2939355	-	5	24	TTG	TGA	0	0	
mORF_-_2939488	2939488	2939550	-	5	63	TTG	TAG	0	0	
mORF_-_2939569	2939569	2939604	-	5	36	TTG	TAA	0	0	
mORF_-_2939650	2939650	2939682	-	5	33	ATG	TGA	0	0	
mORF_-_2939672	2939672	2940589	-	6	918	ATG	TAA	3	8	pORF_-_2939672
mORF_-_2939706	2939706	2939732	-	4	27	ATG	TGA	0	0	
mORF_-_2939746	2939746	2939832	-	5	87	TTG	TAG	0	0	
mORF_-_2939772	2939772	2939780	-	4	9	TTG	TGA	0	0	
mORF_-_2939817	2939817	2939828	-	4	12	TTG	TAA	0	0	
mORF_-_2939962	2939962	2940012	-	5	51	ATG	TAA	0	0	
mORF_-_2940027	2940027	2940086	-	4	60	GTG	TAA	0	0	
mORF_-_2940067	2940067	2940222	-	5	156	TTG	TGA	0	0	
mORF_-_2940240	2940240	2940269	-	4	30	TTG	TAA	0	0	
mORF_-_2940439	2940439	2940459	-	5	21	TTG	TAA	0	0	
mORF_-_2940493	2940493	2940498	-	5	6	TTG	TGA	0	0	
mORF_-_2940526	2940526	2940564	-	5	39	ATG	TAA	0	0	
mORF_-_2940595	2940595	2940624	-	5	30	TTG	TAA	0	0	
mORF_-_2940625	2940625	2940669	-	5	45	ATG	TAA	0	0	
mORF_-_2940630	2940630	2940635	-	4	6	GTG	TGA	0	0	
mORF_-_2940656	2940656	2940700	-	6	45	TTG	TAA	0	0	
mORF_-_2940705	2940705	2940809	-	4	105	TTG	TAG	0	0	
mORF_-_2940776	2940776	2940838	-	6	63	TTG	TAA	0	0	
mORF_-_2940822	2940822	2940854	-	4	33	GTG	TGA	0	0	
mORF_-_2940841	2940841	2940882	-	5	42	ATG	TAG	0	0	
mORF_-_2940851	2940851	2940865	-	6	15	ATG	TGA	0	0	
mORF_-_2940888	2940888	2940899	-	4	12	GTG	TAA	0	0	
mORF_-_2940940	2940940	2941170	-	5	231	ATG	TAA	2	5	pORF_-_2940940
mORF_-_2940966	2940966	2941001	-	4	36	ATG	TGA	0	0	
mORF_-_2941020	2941020	2941079	-	4	60	ATG	TGA	0	0	
mORF_-_2941089	2941089	2941094	-	4	6	ATG	TGA	0	0	
mORF_-_2941116	2941116	2941124	-	4	9	TTG	TGA	0	0	
mORF_-_2941187	2941187	2941237	-	6	51	GTG	TAA	0	0	
mORF_-_2941224	2941224	2941247	-	4	24	ATG	TAA	0	0	
mORF_-_2941241	2941241	2941300	-	6	60	GTG	TGA	0	0	
mORF_-_2941294	2941294	2941314	-	5	21	TTG	TAA	0	0	
mORF_-_2941311	2941311	2941331	-	4	21	GTG	TGA	0	0	
mORF_-_2941328	2941328	2941360	-	6	33	ATG	TGA	0	0	
mORF_-_2941369	2941369	2941404	-	5	36	GTG	TAA	0	0	
mORF_-_2941404	2941404	2941580	-	4	177	TTG	TAG	0	0	
mORF_-_2941421	2941421	2941474	-	6	54	GTG	TAG	0	0	
mORF_-_2941447	2941447	2941593	-	5	147	GTG	TAA	0	0	
mORF_-_2941550	2941550	2941645	-	6	96	ATG	TAA	0	0	
mORF_-_2941581	2941581	2941919	-	4	339	ATG	TAA	0	0	
mORF_-_2941639	2941639	2941653	-	5	15	GTG	TGA	0	0	
mORF_-_2941658	2941658	2941765	-	6	108	TTG	TAG	0	0	
mORF_-_2941920	2941920	2941988	-	4	69	TTG	TGA	0	0	
mORF_-_2942013	2942013	2942021	-	4	9	GTG	TGA	0	0	
mORF_-_2942018	2942018	2942107	-	6	90	TTG	TGA	0	0	
mORF_-_2942064	2942064	2942147	-	4	84	TTG	TGA	0	0	
mORF_-_2942114	2942114	2942140	-	6	27	GTG	TGA	0	0	
mORF_-_2942137	2942137	2942181	-	5	45	TTG	TGA	0	0	
mORF_-_2942144	2942144	2942197	-	6	54	ATG	TGA	0	0	
mORF_-_2942231	2942231	2942242	-	6	12	TTG	TAA	0	0	
mORF_-_2942239	2942239	2942823	-	5	585	ATG	TGA	0	0	
mORF_-_2942316	2942316	2942429	-	4	114	ATG	TGA	0	0	
mORF_-_2942435	2942435	2942470	-	6	36	GTG	TGA	0	0	
mORF_-_2942550	2942550	2942639	-	4	90	GTG	TAA	0	0	
mORF_-_2942561	2942561	2942590	-	6	30	ATG	TAA	0	0	
mORF_-_2942621	2942621	2942650	-	6	30	TTG	TAA	0	0	
mORF_-_2942676	2942676	2942702	-	4	27	ATG	TGA	0	0	
mORF_-_2942714	2942714	2942797	-	6	84	ATG	TAA	0	0	
mORF_-_2942727	2942727	2942906	-	4	180	ATG	TAG	0	0	
mORF_-_2942937	2942937	2942948	-	4	12	GTG	TAA	0	0	

mORF_-_2942982	2942982	2943044	-	4	63	ATG	TAA	0	0	
mORF_-_2943041	2943041	2943208	-	6	168	GTG	TGA	0	0	
mORF_-_2943058	2943058	2943864	-	5	807	ATG	TAA	8	78	pORF_-_2943058
mORF_-_2943093	2943093	2943122	-	4	30	TTG	TGA	0	0	
mORF_-_2943132	2943132	2943164	-	4	33	GTG	TGA	0	0	
mORF_-_2943198	2943198	2943206	-	4	9	GTG	TGA	0	0	
mORF_-_2943242	2943242	2943259	-	6	18	TTG	TGA	0	0	
mORF_-_2943291	2943291	2943299	-	4	9	TTG	TAG	0	0	
mORF_-_2943309	2943309	2943449	-	4	141	TTG	TGA	0	0	
mORF_-_2943428	2943428	2943442	-	6	15	TTG	TAA	0	0	
mORF_-_2943450	2943450	2943488	-	4	39	TTG	TGA	0	0	
mORF_-_2943537	2943537	2943548	-	4	12	ATG	TGA	0	0	
mORF_-_2943545	2943545	2943568	-	6	24	GTG	TGA	0	0	
mORF_-_2943558	2943558	2943848	-	4	291	GTG	TAA	0	0	
mORF_-_2943626	2943626	2943670	-	6	45	GTG	TAA	0	0	
mORF_-_2943674	2943674	2943766	-	6	93	TTG	TGA	0	0	
mORF_-_2943800	2943800	2943841	-	6	42	ATG	TGA	0	0	
mORF_-_2943852	2943852	2943959	-	4	108	TTG	TAA	0	0	
mORF_-_2943899	2943899	2944009	-	6	111	ATG	TGA	0	0	
mORF_-_2943943	2943943	2944029	-	5	87	GTG	TAG	0	0	
mORF_-_2943999	2943999	2944037	-	4	39	TTG	TGA	0	0	
mORF_-_2944041	2944041	2944064	-	4	24	GTG	TGA	0	0	
mORF_-_2944061	2944061	2944072	-	6	12	ATG	TGA	0	0	
mORF_-_2944069	2944069	2944101	-	5	33	GTG	TGA	0	0	
mORF_-_2944098	2944098	2944103	-	4	6	ATG	TGA	0	0	
mORF_-_2944103	2944103	2945482	-	6	1380	TTG	TGA	7	5	pORF_-_2944103
mORF_-_2944119	2944119	2944175	-	4	57	TTG	TAA	0	0	
mORF_-_2944141	2944141	2944251	-	5	111	ATG	TGA	0	0	
mORF_-_2944264	2944264	2944398	-	5	135	GTG	TGA	0	0	
mORF_-_2944408	2944408	2944485	-	5	78	GTG	TGA	0	0	
mORF_-_2944537	2944537	2944548	-	5	12	GTG	TGA	0	0	
mORF_-_2944555	2944555	2944662	-	5	108	ATG	TGA	0	0	
mORF_-_2944681	2944681	2944716	-	5	36	GTG	TGA	0	0	
mORF_-_2944717	2944717	2944761	-	5	45	GTG	TGA	0	0	
mORF_-_2944825	2944825	2945058	-	5	234	ATG	TAA	0	0	
mORF_-_2944923	2944923	2944943	-	4	21	GTG	TGA	0	0	
mORF_-_2945068	2945068	2945160	-	5	93	TTG	TGA	0	0	
mORF_-_2945103	2945103	2945189	-	4	87	TTG	TAA	0	0	
mORF_-_2945217	2945217	2945297	-	4	81	GTG	TAA	0	0	
mORF_-_2945257	2945257	2945445	-	5	189	ATG	TAA	0	0	
mORF_-_2945334	2945334	2945405	-	4	72	GTG	TGA	0	0	
mORF_-_2945442	2945442	2945486	-	4	45	TTG	TGA	0	0	
mORF_-_2945464	2945464	2945592	-	5	129	TTG	TGA	0	0	
mORF_-_2945487	2945487	2945555	-	4	69	ATG	TAA	0	0	
mORF_-_2945552	2945552	2945596	-	6	45	TTG	TGA	0	0	
mORF_-_2945574	2945574	2945849	-	4	276	TTG	TGA	0	0	
mORF_-_2945597	2945597	2945665	-	6	69	ATG	TGA	0	0	
mORF_-_2945662	2945662	2945706	-	5	45	TTG	TGA	0	0	
mORF_-_2945684	2945684	2945764	-	6	81	ATG	TGA	0	0	
mORF_-_2945719	2945719	2945751	-	5	33	ATG	TAG	0	0	
mORF_-_2945765	2945765	2945782	-	6	18	ATG	TGA	0	0	
mORF_-_2945779	2945779	2947122	-	5	1344	ATG	TGA	0	0	
mORF_-_2945874	2945874	2945894	-	4	21	TTG	TGA	0	0	
mORF_-_2945946	2945946	2945972	-	4	27	TTG	TAA	0	0	
mORF_-_2946012	2946012	2946029	-	4	18	TTG	TGA	0	0	
mORF_-_2946033	2946033	2946047	-	4	15	TTG	TGA	0	0	
mORF_-_2946051	2946051	2946098	-	4	48	GTG	TGA	0	0	
mORF_-_2946108	2946108	2946119	-	4	12	TTG	TGA	0	0	
mORF_-_2946120	2946120	2946263	-	4	144	GTG	TGA	0	0	
mORF_-_2946282	2946282	2946317	-	4	36	ATG	TAG	0	0	
mORF_-_2946378	2946378	2946596	-	4	219	ATG	TAG	0	0	
mORF_-_2946615	2946615	2946656	-	4	42	TTG	TGA	0	0	
mORF_-_2946681	2946681	2946758	-	4	78	GTG	TAA	0	0	

mORF_-_2946798	2946798	2946803	-	4	6	ATG	TAA	0	0	
mORF_-_2946851	2946851	2946973	-	6	123	GTG	TAA	0	0	
mORF_-_2946963	2946963	2947112	-	4	150	ATG	TGA	1	2	pORF_-_2946963
mORF_-_2947123	2947123	2947155	-	5	33	GTG	TAG	0	0	
mORF_-_2947152	2947152	2947160	-	4	9	ATG	TGA	0	0	
mORF_-_2947160	2947160	2947252	-	6	93	TTG	TAA	0	0	
mORF_-_2947192	2947192	2947203	-	5	12	GTG	TAA	0	0	
mORF_-_2947231	2947231	2947755	-	5	525	TTG	TAG	0	0	
mORF_-_2947317	2947317	2947433	-	4	117	ATG	TAG	0	0	
mORF_-_2947400	2947400	2947573	-	6	174	ATG	TAA	0	0	
mORF_-_2947509	2947509	2947658	-	4	150	TTG	TGA	0	0	
mORF_-_2947664	2947664	2947771	-	6	108	TTG	TAA	0	0	
mORF_-_2947752	2947752	2947844	-	4	93	GTG	TGA	0	0	
mORF_-_2947798	2947798	2948061	-	5	264	ATG	TGA	0	0	
mORF_-_2947845	2947845	2947907	-	4	63	GTG	TGA	0	0	
mORF_-_2947989	2947989	2947994	-	4	6	TTG	TAA	0	0	
mORF_-_2948062	2948062	2948097	-	5	36	TTG	TAA	0	0	
mORF_-_2948066	2948066	2948170	-	6	105	TTG	TGA	0	0	
mORF_-_2948073	2948073	2948279	-	4	207	ATG	TGA	1	2	pORF_-_2948073
mORF_-_2948107	2948107	2948370	-	5	264	GTG	TGA	0	0	
mORF_-_2948171	2948171	2948209	-	6	39	GTG	TGA	0	0	
mORF_-_2948283	2948283	2948297	-	4	15	GTG	TGA	0	0	
mORF_-_2948300	2948300	2948392	-	6	93	TTG	TAG	0	0	
mORF_-_2948376	2948376	2948417	-	4	42	ATG	TAA	0	0	
mORF_-_2948424	2948424	2948468	-	4	45	GTG	TGA	0	0	
mORF_-_2948443	2948443	2948481	-	5	39	GTG	TAA	0	0	
mORF_-_2948478	2948478	2948552	-	4	75	TTG	TGA	0	0	
mORF_-_2948501	2948501	2948650	-	6	150	TTG	TAA	0	0	
mORF_-_2948553	2948553	2948630	-	4	78	GTG	TAG	0	0	
mORF_-_2948587	2948587	2948724	-	5	138	GTG	TAA	0	0	
mORF_-_2948657	2948657	2950483	-	6	1827	ATG	TAA	1	3	pORF_-_2948657
mORF_-_2948725	2948725	2948745	-	5	21	ATG	TAA	0	0	
mORF_-_2948830	2948830	2948841	-	5	12	ATG	TGA	0	0	
mORF_-_2948865	2948865	2948885	-	4	21	GTG	TAA	0	0	
mORF_-_2948875	2948875	2949033	-	5	159	TTG	TGA	0	0	
mORF_-_2949024	2949024	2949059	-	4	36	TTG	TAA	0	0	
mORF_-_2949037	2949037	2949120	-	5	84	ATG	TGA	0	0	
mORF_-_2949117	2949117	2949161	-	4	45	GTG	TGA	0	0	
mORF_-_2949121	2949121	2949177	-	5	57	ATG	TGA	0	0	
mORF_-_2949193	2949193	2949270	-	5	78	TTG	TAA	0	0	
mORF_-_2949337	2949337	2949357	-	5	21	GTG	TGA	0	0	
mORF_-_2949373	2949373	2949384	-	5	12	TTG	TAG	0	0	
mORF_-_2949496	2949496	2949591	-	5	96	GTG	TAA	0	0	
mORF_-_2949607	2949607	2949618	-	5	12	ATG	TGA	0	0	
mORF_-_2949664	2949664	2949678	-	5	15	ATG	TGA	0	0	
mORF_-_2949679	2949679	2949804	-	5	126	ATG	TAG	0	0	
mORF_-_2949997	2949997	2950038	-	5	42	ATG	TGA	0	0	
mORF_-_2950042	2950042	2950101	-	5	60	ATG	TAA	0	0	
mORF_-_2950140	2950140	2950148	-	4	9	GTG	TAA	0	0	
mORF_-_2950156	2950156	2950176	-	5	21	GTG	TGA	0	0	
mORF_-_2950183	2950183	2950353	-	5	171	ATG	TGA	0	0	
mORF_-_2950197	2950197	2950244	-	4	48	TTG	TGA	0	0	
mORF_-_2950302	2950302	2950331	-	4	30	TTG	TAA	0	0	
mORF_-_2950357	2950357	2950395	-	5	39	ATG	TAA	0	0	
mORF_-_2950408	2950408	2950425	-	5	18	ATG	TGA	0	0	
mORF_-_2950483	2950483	2954034	-	5	3552	GTG	TAA	3	6	pORF_-_2950483
mORF_-_2950500	2950500	2950520	-	4	21	ATG	TGA	0	0	
mORF_-_2950524	2950524	2950532	-	4	9	TTG	TGA	0	0	
mORF_-_2950533	2950533	2950766	-	4	234	GTG	TGA	0	0	
mORF_-_2950839	2950839	2950898	-	4	60	TTG	TAA	0	0	
mORF_-_2950908	2950908	2950943	-	4	36	GTG	TAA	0	0	
mORF_-_2951004	2951004	2951018	-	4	15	ATG	TAA	0	0	
mORF_-_2951015	2951015	2951071	-	6	57	GTG	TGA	0	0	

mORF_-_2951055	2951055	2951183	-	4	129	GTG	TGA	0	0	
mORF_-_2951205	2951205	2951252	-	4	48	ATG	TAA	0	0	
mORF_-_2951265	2951265	2951360	-	4	96	ATG	TGA	0	0	
mORF_-_2951361	2951361	2951576	-	4	216	TTG	TGA	0	0	
mORF_-_2951438	2951438	2951446	-	6	9	ATG	TGA	0	0	
mORF_-_2951546	2951546	2951596	-	6	51	TTG	TAA	0	0	
mORF_-_2951607	2951607	2952017	-	4	411	TTG	TGA	0	0	
mORF_-_2952020	2952020	2952115	-	6	96	GTG	TAA	0	0	
mORF_-_2952033	2952033	2952089	-	4	57	ATG	TGA	0	0	
mORF_-_2952102	2952102	2952128	-	4	27	ATG	TAG	0	0	
mORF_-_2952165	2952165	2952203	-	4	39	GTG	TGA	0	0	
mORF_-_2952200	2952200	2952235	-	6	36	TTG	TGA	0	0	
mORF_-_2952216	2952216	2952269	-	4	54	GTG	TGA	0	0	
mORF_-_2952260	2952260	2952523	-	6	264	GTG	TGA	0	0	
mORF_-_2952312	2952312	2952377	-	4	66	GTG	TAA	0	0	
mORF_-_2952405	2952405	2952494	-	4	90	TTG	TGA	0	0	
mORF_-_2952528	2952528	2952560	-	4	33	TTG	TGA	0	0	
mORF_-_2952591	2952591	2952632	-	4	42	ATG	TGA	0	0	
mORF_-_2952732	2952732	2952791	-	4	60	TTG	TGA	0	0	
mORF_-_2952792	2952792	2952875	-	4	84	ATG	TAA	0	0	
mORF_-_2952879	2952879	2952926	-	4	48	GTG	TGA	0	0	
mORF_-_2952960	2952960	2953004	-	4	45	GTG	TAA	0	0	
mORF_-_2953044	2953044	2953097	-	4	54	TTG	TGA	0	0	
mORF_-_2953094	2953094	2953234	-	6	141	ATG	TGA	0	0	
mORF_-_2953143	2953143	2953271	-	4	129	TTG	TAG	0	0	
mORF_-_2953287	2953287	2953304	-	4	18	GTG	TGA	0	0	
mORF_-_2953301	2953301	2953321	-	6	21	GTG	TGA	0	0	
mORF_-_2953329	2953329	2953475	-	4	147	TTG	TAA	0	0	
mORF_-_2953488	2953488	2953568	-	4	81	TTG	TAG	0	0	
mORF_-_2953569	2953569	2953607	-	4	39	ATG	TGA	0	0	
mORF_-_2953598	2953598	2953630	-	6	33	TTG	TGA	0	0	
mORF_-_2953608	2953608	2953661	-	4	54	ATG	TGA	0	0	
mORF_-_2953658	2953658	2953690	-	6	33	GTG	TGA	0	0	
mORF_-_2953677	2953677	2953859	-	4	183	TTG	TAG	0	0	
mORF_-_2953893	2953893	2953964	-	4	72	TTG	TAG	0	0	
mORF_-_2953965	2953965	2953976	-	4	12	GTG	TGA	0	0	
mORF_-_2954001	2954001	2954021	-	4	21	GTG	TAG	0	0	
mORF_-_2954018	2954018	2956906	-	6	2889	ATG	TGA	12	31	pORF_-_2954018
mORF_-_2954031	2954031	2954078	-	4	48	GTG	TGA	0	0	
mORF_-_2954038	2954038	2954193	-	5	156	TTG	TGA	0	0	
mORF_-_2954215	2954215	2954238	-	5	24	GTG	TAA	0	0	
mORF_-_2954332	2954332	2954361	-	5	30	ATG	TAA	0	0	
mORF_-_2954358	2954358	2954423	-	4	66	GTG	TGA	0	0	
mORF_-_2954368	2954368	2954445	-	5	78	ATG	TGA	0	0	
mORF_-_2954442	2954442	2954552	-	4	111	GTG	TGA	0	0	
mORF_-_2954488	2954488	2954667	-	5	180	TTG	TGA	1	13	pORF_-_2954488
mORF_-_2954685	2954685	2954717	-	4	33	GTG	TAA	0	0	
mORF_-_2954695	2954695	2954751	-	5	57	ATG	TAG	0	0	
mORF_-_2954854	2954854	2954946	-	5	93	TTG	TGA	0	0	
mORF_-_2954974	2954974	2955093	-	5	120	ATG	TGA	0	0	
mORF_-_2955130	2955130	2955141	-	5	12	TTG	TAA	0	0	
mORF_-_2955157	2955157	2955201	-	5	45	TTG	TAA	0	0	
mORF_-_2955250	2955250	2955330	-	5	81	TTG	TGA	0	0	
mORF_-_2955367	2955367	2955549	-	5	183	ATG	TGA	0	0	
mORF_-_2955580	2955580	2955636	-	5	57	TTG	TAA	0	0	
mORF_-_2955633	2955633	2955668	-	4	36	ATG	TGA	0	0	
mORF_-_2955649	2955649	2955804	-	5	156	TTG	TGA	0	0	
mORF_-_2955853	2955853	2955909	-	5	57	TTG	TAG	0	0	
mORF_-_2955910	2955910	2955963	-	5	54	TTG	TAG	0	0	
mORF_-_2955976	2955976	2956032	-	5	57	TTG	TGA	0	0	
mORF_-_2956099	2956099	2956152	-	5	54	TTG	TAG	0	0	
mORF_-_2956288	2956288	2956380	-	5	93	GTG	TAA	0	0	
mORF_-_2956408	2956408	2956467	-	5	60	ATG	TGA	0	0	

mORF_-_2956480	2956480	2956551	-	5	72	ATG	TAG	0	0	
mORF_-_2956627	2956627	2956797	-	5	171	GTG	TGA	1	2	pORF_-_2956627
mORF_-_2956800	2956800	2956925	-	4	126	TTG	TAA	0	0	
mORF_-_2956846	2956846	2956866	-	5	21	TTG	TAA	0	0	
mORF_-_2956922	2956922	2956993	-	6	72	GTG	TGA	0	0	
mORF_-_2956953	2956953	2956961	-	4	9	TTG	TAA	0	0	
mORF_-_2956997	2956997	2957134	-	6	138	TTG	TGA	0	0	
mORF_-_2957008	2957008	2957067	-	5	60	TTG	TAA	0	0	
mORF_-_2957040	2957040	2957081	-	4	42	GTG	TGA	0	0	
mORF_-_2957071	2957071	2957085	-	5	15	ATG	TAA	0	0	
mORF_-_2957082	2957082	2960450	-	4	3369	ATG	TGA	4	12	pORF_-_2957082
mORF_-_2957159	2957159	2957206	-	6	48	GTG	TAA	0	0	
mORF_-_2957213	2957213	2957302	-	6	90	ATG	TGA	0	0	
mORF_-_2957299	2957299	2957319	-	5	21	GTG	TGA	0	0	
mORF_-_2957312	2957312	2957380	-	6	69	TTG	TAA	0	0	
mORF_-_2957377	2957377	2957436	-	5	60	GTG	TGA	0	0	
mORF_-_2957381	2957381	2957533	-	6	153	GTG	TGA	0	0	
mORF_-_2957473	2957473	2957511	-	5	39	TTG	TAA	0	0	
mORF_-_2957534	2957534	2957566	-	6	33	ATG	TAA	0	0	
mORF_-_2957594	2957594	2957794	-	6	201	ATG	TAA	0	0	
mORF_-_2957620	2957620	2957691	-	5	72	GTG	TGA	0	0	
mORF_-_2957885	2957885	2958085	-	6	201	TTG	TGA	0	0	
mORF_-_2958007	2958007	2958036	-	5	30	ATG	TAA	0	0	
mORF_-_2958082	2958082	2958108	-	5	27	TTG	TGA	0	0	
mORF_-_2958122	2958122	2958160	-	6	39	ATG	TAA	0	0	
mORF_-_2958197	2958197	2958232	-	6	36	GTG	TGA	0	0	
mORF_-_2958290	2958290	2958343	-	6	54	GTG	TAA	0	0	
mORF_-_2958362	2958362	2958385	-	6	24	TTG	TGA	0	0	
mORF_-_2958367	2958367	2958468	-	5	102	TTG	TGA	0	0	
mORF_-_2958458	2958458	2958577	-	6	120	GTG	TGA	0	0	
mORF_-_2958535	2958535	2958693	-	5	159	GTG	TGA	0	0	
mORF_-_2958623	2958623	2958646	-	6	24	ATG	TGA	0	0	
mORF_-_2958746	2958746	2958781	-	6	36	TTG	TAA	0	0	
mORF_-_2958782	2958782	2958802	-	6	21	ATG	TAA	0	0	
mORF_-_2958799	2958799	2958822	-	5	24	GTG	TGA	0	0	
mORF_-_2958866	2958866	2958931	-	6	66	ATG	TGA	0	0	
mORF_-_2958928	2958928	2958966	-	5	39	GTG	TGA	0	0	
mORF_-_2958932	2958932	2959174	-	6	243	TTG	TAG	0	0	
mORF_-_2959220	2959220	2959351	-	6	132	TTG	TGA	0	0	
mORF_-_2959309	2959309	2959317	-	5	9	TTG	TAG	0	0	
mORF_-_2959391	2959391	2959645	-	6	255	TTG	TGA	0	0	
mORF_-_2959537	2959537	2959545	-	5	9	ATG	TAA	0	0	
mORF_-_2959667	2959667	2960047	-	6	381	TTG	TGA	0	0	
mORF_-_2959756	2959756	2959947	-	5	192	GTG	TAA	0	0	
mORF_-_2959984	2959984	2960007	-	5	24	GTG	TGA	0	0	
mORF_-_2960177	2960177	2960290	-	6	114	TTG	TGA	0	0	
mORF_-_2960269	2960269	2960547	-	5	279	ATG	TGA	0	0	
mORF_-_2960348	2960348	2960392	-	6	45	TTG	TGA	0	0	
mORF_-_2960463	2960463	2960810	-	4	348	TTG	TAG	0	0	
mORF_-_2960522	2960522	2960665	-	6	144	TTG	TAG	0	0	
mORF_-_2960675	2960675	2960710	-	6	36	TTG	TAA	0	0	
mORF_-_2960771	2960771	2961178	-	6	408	GTG	TGA	0	0	
mORF_-_2960800	2960800	2960898	-	5	99	TTG	TGA	0	0	
mORF_-_2960850	2960850	2960873	-	4	24	GTG	TGA	0	0	
mORF_-_2960899	2960899	2960946	-	5	48	ATG	TGA	0	0	
mORF_-_2960913	2960913	2960936	-	4	24	TTG	TAA	0	0	
mORF_-_2960952	2960952	2961011	-	4	60	GTG	TGA	0	0	
mORF_-_2961064	2961064	2961078	-	5	15	TTG	TGA	0	0	
mORF_-_2961136	2961136	2961162	-	5	27	GTG	TGA	0	0	
mORF_-_2961175	2961175	2961978	-	5	804	ATG	TGA	0	0	
mORF_-_2961192	2961192	2961209	-	4	18	ATG	TGA	0	0	
mORF_-_2961210	2961210	2961245	-	4	36	GTG	TGA	0	0	
mORF_-_2961258	2961258	2961392	-	4	135	ATG	TGA	0	0	

mORF_-_2961399	2961399	2961413	-	4	15	TTG	TGA	0	0	
mORF_-_2961429	2961429	2961593	-	4	165	ATG	TAA	0	0	
mORF_-_2961455	2961455	2961472	-	6	18	GTG	TAA	0	0	
mORF_-_2961488	2961488	2961538	-	6	51	TTG	TGA	0	0	
mORF_-_2961621	2961621	2961695	-	4	75	TTG	TAA	0	0	
mORF_-_2961677	2961677	2961868	-	6	192	TTG	TAG	0	0	
mORF_-_2961729	2961729	2962199	-	4	471	ATG	TAA	0	0	
mORF_-_2961887	2961887	2961937	-	6	51	ATG	TGA	0	0	
mORF_-_2961965	2961965	2962126	-	6	162	GTG	TGA	0	0	
mORF_-_2962036	2962036	2962083	-	5	48	ATG	TGA	0	0	
mORF_-_2962148	2962148	2962171	-	6	24	TTG	TGA	0	0	
mORF_-_2962168	2962168	2962260	-	5	93	ATG	TGA	0	0	
mORF_-_2962172	2962172	2962186	-	6	15	GTG	TGA	0	0	
mORF_-_2962244	2962244	2962438	-	6	195	TTG	TAG	0	0	
mORF_-_2962273	2962273	2962350	-	5	78	GTG	TAA	0	0	
mORF_-_2962323	2962323	2962352	-	4	30	GTG	TAA	0	0	
mORF_-_2962383	2962383	2963177	-	4	795	ATG	TAA	16	54	pORF_-_2962383
mORF_-_2962517	2962517	2962588	-	6	72	GTG	TAA	0	0	
mORF_-_2962585	2962585	2962605	-	5	21	GTG	TGA	0	0	
mORF_-_2962616	2962616	2962738	-	6	123	ATG	TGA	0	0	
mORF_-_2962672	2962672	2962743	-	5	72	GTG	TGA	0	0	
mORF_-_2962759	2962759	2962782	-	5	24	GTG	TAA	0	0	
mORF_-_2962772	2962772	2962792	-	6	21	TTG	TAG	0	0	
mORF_-_2962829	2962829	2963008	-	6	180	ATG	TGA	0	0	
mORF_-_2962849	2962849	2962887	-	5	39	GTG	TGA	0	0	
mORF_-_2962921	2962921	2962932	-	5	12	ATG	TGA	0	0	
mORF_-_2962975	2962975	2962998	-	5	24	GTG	TAA	0	0	
mORF_-_2963005	2963005	2963031	-	5	27	TTG	TGA	0	0	
mORF_-_2963042	2963042	2963089	-	6	48	TTG	TGA	0	0	
mORF_-_2963184	2963184	2964059	-	4	876	ATG	TGA	4	11	pORF_-_2963184
mORF_-_2963234	2963234	2963248	-	6	15	TTG	TGA	0	0	
mORF_-_2963249	2963249	2963362	-	6	114	TTG	TGA	0	0	
mORF_-_2963363	2963363	2963650	-	6	288	TTG	TGA	0	0	
mORF_-_2963401	2963401	2963514	-	5	114	GTG	TAA	0	0	
mORF_-_2963590	2963590	2963604	-	5	15	GTG	TGA	0	0	
mORF_-_2963723	2963723	2963740	-	6	18	TTG	TGA	0	0	
mORF_-_2963741	2963741	2963953	-	6	213	TTG	TGA	0	0	
mORF_-_2963893	2963893	2963946	-	5	54	GTG	TGA	0	0	
mORF_-_2964005	2964005	2964028	-	6	24	TTG	TAG	0	0	
mORF_-_2964049	2964049	2964069	-	5	21	GTG	TAG	0	0	
mORF_-_2964063	2964063	2964155	-	4	93	GTG	TGA	0	0	
mORF_-_2964125	2964125	2964157	-	6	33	TTG	TGA	0	0	
mORF_-_2964210	2964210	2966456	-	4	2247	ATG	TAG	18	41	pORF_-_2964210
mORF_-_2964227	2964227	2964340	-	6	114	TTG	TGA	0	0	
mORF_-_2964337	2964337	2964429	-	5	93	GTG	TGA	0	0	
mORF_-_2964383	2964383	2964475	-	6	93	ATG	TGA	0	0	
mORF_-_2964448	2964448	2964456	-	5	9	GTG	TGA	0	0	
mORF_-_2964497	2964497	2964571	-	6	75	TTG	TGA	0	0	
mORF_-_2964590	2964590	2964607	-	6	18	TTG	TGA	0	0	
mORF_-_2964710	2964710	2964742	-	6	33	TTG	TGA	0	0	
mORF_-_2964743	2964743	2964769	-	6	27	ATG	TGA	0	0	
mORF_-_2964800	2964800	2964826	-	6	27	GTG	TGA	0	0	
mORF_-_2964820	2964820	2964903	-	5	84	ATG	TAA	0	0	
mORF_-_2964848	2964848	2965117	-	6	270	ATG	TGA	0	0	
mORF_-_2965127	2965127	2965138	-	6	12	ATG	TAA	0	0	
mORF_-_2965151	2965151	2965162	-	6	12	GTG	TAA	0	0	
mORF_-_2965169	2965169	2965228	-	6	60	GTG	TAA	0	0	
mORF_-_2965232	2965232	2965300	-	6	69	TTG	TAA	0	0	
mORF_-_2965349	2965349	2965423	-	6	75	GTG	TGA	0	0	
mORF_-_2965427	2965427	2965597	-	6	171	GTG	TAG	0	0	
mORF_-_2965598	2965598	2965630	-	6	33	TTG	TAA	0	0	
mORF_-_2965627	2965627	2965650	-	5	24	GTG	TGA	0	0	
mORF_-_2965640	2965640	2965768	-	6	129	TTG	TAA	0	0	

mORF_-_2965877	2965877	2965969	-	6	93	TTG	TAA	0	0
mORF_-_2965979	2965979	2966020	-	6	42	TTG	TGA	0	0
mORF_-_2966024	2966024	2966092	-	6	69	TTG	TGA	0	0
mORF_-_2966150	2966150	2966197	-	6	48	TTG	TAA	0	0
mORF_-_2966201	2966201	2966248	-	6	48	TTG	TAA	0	0
mORF_-_2966245	2966245	2966313	-	5	69	TTG	TGA	0	0
mORF_-_2966300	2966300	2966365	-	6	66	TTG	TGA	0	0
mORF_-_2966390	2966390	2966401	-	6	12	ATG	TAA	0	0
mORF_-_2966469	2966469	2966999	-	4	531	GTG	TAA	0	0
mORF_-_2966534	2966534	2966542	-	6	9	GTG	TGA	0	0
mORF_-_2966558	2966558	2966578	-	6	21	GTG	TAA	0	0
mORF_-_2966581	2966581	2966625	-	5	45	ATG	TAA	0	0
mORF_-_2966618	2966618	2966677	-	6	60	ATG	TAA	0	0
mORF_-_2966635	2966635	2966745	-	5	111	TTG	TGA	0	0
mORF_-_2966684	2966684	2966797	-	6	114	TTG	TGA	0	0
mORF_-_2966825	2966825	2966917	-	6	93	TTG	TAG	0	0
mORF_-_2966842	2966842	2966931	-	5	90	GTG	TGA	0	0
mORF_-_2966950	2966950	2966955	-	5	6	TTG	TAA	0	0
mORF_-_2966966	2966966	2966995	-	6	30	TTG	TAG	0	0
mORF_-_2967004	2967004	2967012	-	5	9	TTG	TAG	0	0
mORF_-_2967009	2967009	2967044	-	4	36	ATG	TGA	0	0
mORF_-_2967022	2967022	2967081	-	5	60	ATG	TAA	0	0
mORF_-_2967041	2967041	2967097	-	6	57	TTG	TGA	0	0
mORF_-_2967081	2967081	2967164	-	4	84	GTG	TAA	0	0
mORF_-_2967157	2967157	2967261	-	5	105	ATG	TAA	0	0
mORF_-_2967203	2967203	2967355	-	6	153	TTG	TAG	0	0
mORF_-_2967268	2967268	2967333	-	5	66	ATG	TGA	0	0
mORF_-_2967276	2967276	2967281	-	4	6	ATG	TAA	0	0
mORF_-_2967321	2967321	2967326	-	4	6	GTG	TGA	0	0
mORF_-_2967330	2967330	2967359	-	4	30	TTG	TGA	0	0
mORF_-_2967352	2967352	2967498	-	5	147	ATG	TGA	0	0
mORF_-_2967387	2967387	2967407	-	4	21	GTG	TAG	0	0
mORF_-_2967407	2967407	2967430	-	6	24	GTG	TAG	0	0
mORF_-_2967432	2967432	2967587	-	4	156	TTG	TGA	0	0
mORF_-_2967566	2967566	2967646	-	6	81	GTG	TAA	0	0
mORF_-_2967577	2967577	2967609	-	5	33	TTG	TAG	0	0
mORF_-_2967594	2967594	2967614	-	4	21	ATG	TGA	0	0
mORF_-_2967625	2967625	2967786	-	5	162	GTG	TAA	0	0
mORF_-_2967669	2967669	2967692	-	4	24	TTG	TGA	0	0
mORF_-_2967677	2967677	2967685	-	6	9	ATG	TGA	0	0
mORF_-_2967735	2967735	2967752	-	4	18	TTG	TAA	0	0
mORF_-_2967761	2967761	2968075	-	6	315	ATG	TAA	0	0
mORF_-_2967858	2967858	2967890	-	4	33	TTG	TAG	0	0
mORF_-_2967922	2967922	2967963	-	5	42	ATG	TAG	0	0
mORF_-_2967981	2967981	2968028	-	4	48	GTG	TAA	0	0
mORF_-_2968033	2968033	2968104	-	5	72	GTG	TGA	0	0
mORF_-_2968164	2968164	2968214	-	4	51	GTG	TAA	0	0
mORF_-_2968211	2968211	2968273	-	6	63	ATG	TGA	0	0
mORF_-_2968261	2968261	2968308	-	5	48	GTG	TAA	0	0
mORF_-_2968316	2968316	2968336	-	6	21	GTG	TAA	0	0
mORF_-_2968333	2968333	2968404	-	5	72	ATG	TGA	0	0
mORF_-_2968344	2968344	2968454	-	4	111	ATG	TAG	0	0
mORF_-_2968409	2968409	2968420	-	6	12	ATG	TAA	0	0
mORF_-_2968438	2968438	2968566	-	5	129	GTG	TAA	0	0
mORF_-_2968445	2968445	2968582	-	6	138	ATG	TAA	0	0
mORF_-_2968530	2968530	2968571	-	4	42	GTG	TAA	0	0
mORF_-_2968579	2968579	2968611	-	5	33	ATG	TGA	0	0
mORF_-_2968614	2968614	2968640	-	4	27	TTG	TAA	0	0
mORF_-_2968637	2968637	2968765	-	6	129	GTG	TGA	0	0
mORF_-_2968650	2968650	2968664	-	4	15	TTG	TAA	0	0
mORF_-_2968674	2968674	2968679	-	4	6	TTG	TAA	0	0
mORF_-_2968687	2968687	2968773	-	5	87	ATG	TGA	0	0
mORF_-_2968737	2968737	2968814	-	4	78	ATG	TAA	0	0

mORF_-_2968892	2968892	2969206	-	6	315	GTG	TGA	0	0	
mORF_-_2968897	2968897	2969061	-	5	165	ATG	TGA	0	0	
mORF_-_2969077	2969077	2969082	-	5	6	ATG	TAA	0	0	
mORF_-_2969083	2969083	2969139	-	5	57	TTG	TAG	0	0	
mORF_-_2969210	2969210	2969230	-	6	21	TTG	TAA	0	0	
mORF_-_2969227	2969227	2969514	-	5	288	TTG	TGA	0	0	
mORF_-_2969247	2969247	2969267	-	4	21	ATG	TAA	0	0	
mORF_-_2969264	2969264	2969278	-	6	15	TTG	TGA	0	0	
mORF_-_2969361	2969361	2969378	-	4	18	TTG	TAA	0	0	
mORF_-_2969498	2969498	2969527	-	6	30	ATG	TAA	0	0	
mORF_-_2969521	2969521	2969577	-	5	57	ATG	TGA	0	0	
mORF_-_2969589	2969589	2969804	-	4	216	TTG	TAA	0	0	
mORF_-_2969627	2969627	2969677	-	6	51	GTG	TGA	0	0	
mORF_-_2969656	2969656	2969721	-	5	66	GTG	TGA	0	0	
mORF_-_2969741	2969741	2969749	-	6	9	ATG	TGA	0	0	
mORF_-_2969808	2969808	2969846	-	4	39	ATG	TAA	0	0	
mORF_-_2969819	2969819	2969914	-	6	96	ATG	TAG	0	0	
mORF_-_2969862	2969862	2969963	-	4	102	ATG	TAA	0	0	
mORF_-_2969924	2969924	2969974	-	6	51	TTG	TGA	0	0	
mORF_-_2969971	2969971	2970168	-	5	198	ATG	TGA	0	0	
mORF_-_2969979	2969979	2970206	-	4	228	GTG	TAG	0	0	
mORF_-_2970005	2970005	2970046	-	6	42	TTG	TGA	0	0	
mORF_-_2970182	2970182	2970229	-	6	48	ATG	TAG	0	0	
mORF_-_2970249	2970249	2970587	-	4	339	ATG	TAA	0	0	
mORF_-_2970314	2970314	2970406	-	6	93	GTG	TAG	0	0	
mORF_-_2970355	2970355	2970381	-	5	27	GTG	TGA	0	0	
mORF_-_2970403	2970403	2970546	-	5	144	TTG	TGA	0	0	
mORF_-_2970512	2970512	2970550	-	6	39	GTG	TGA	0	0	
mORF_-_2970557	2970557	2970574	-	6	18	ATG	TGA	0	0	
mORF_-_2970568	2970568	2970657	-	5	90	ATG	TAG	0	0	
mORF_-_2970609	2970609	2970632	-	4	24	ATG	TAA	0	0	
mORF_-_2970662	2970662	2970715	-	6	54	GTG	TAA	0	0	
mORF_-_2970691	2970691	2971884	-	5	1194	ATG	TAA	1	2	pORF_-_2970691
mORF_-_2970723	2970723	2970761	-	4	39	TTG	TAA	0	0	
mORF_-_2970813	2970813	2970920	-	4	108	TTG	TGA	0	0	
mORF_-_2970933	2970933	2970941	-	4	9	TTG	TGA	0	0	
mORF_-_2970948	2970948	2970959	-	4	12	ATG	TGA	0	0	
mORF_-_2970993	2970993	2971010	-	4	18	TTG	TGA	0	0	
mORF_-_2971056	2971056	2971094	-	4	39	TTG	TAG	0	0	
mORF_-_2971098	2971098	2971265	-	4	168	ATG	TAG	0	0	
mORF_-_2971130	2971130	2971162	-	6	33	GTG	TAA	0	0	
mORF_-_2971235	2971235	2971378	-	6	144	ATG	TGA	0	0	
mORF_-_2971281	2971281	2971421	-	4	141	GTG	TGA	0	0	
mORF_-_2971503	2971503	2971592	-	4	90	TTG	TAA	0	0	
mORF_-_2971620	2971620	2971634	-	4	15	TTG	TGA	0	0	
mORF_-_2971641	2971641	2971706	-	4	66	GTG	TGA	0	0	
mORF_-_2971661	2971661	2971741	-	6	81	GTG	TAG	0	0	
mORF_-_2971707	2971707	2971712	-	4	6	TTG	TAG	0	0	
mORF_-_2971761	2971761	2971802	-	4	42	TTG	TGA	0	0	
mORF_-_2971793	2971793	2971852	-	6	60	GTG	TAA	0	0	
mORF_-_2971836	2971836	2971880	-	4	45	GTG	TGA	0	0	
mORF_-_2971877	2971877	2974036	-	6	2160	ATG	TGA	1	2	pORF_-_2971877
mORF_-_2971915	2971915	2971947	-	5	33	TTG	TGA	0	0	
mORF_-_2971963	2971963	2972019	-	5	57	ATG	TGA	0	0	
mORF_-_2972041	2972041	2972316	-	5	276	GTG	TGA	0	0	
mORF_-_2972256	2972256	2972492	-	4	237	ATG	TGA	0	0	
mORF_-_2972362	2972362	2972415	-	5	54	ATG	TGA	0	0	
mORF_-_2972497	2972497	2972742	-	5	246	GTG	TGA	0	0	
mORF_-_2972532	2972532	2972543	-	4	12	TTG	TAA	0	0	
mORF_-_2972607	2972607	2972672	-	4	66	TTG	TGA	0	0	
mORF_-_2972773	2972773	2972859	-	5	87	ATG	TGA	0	0	
mORF_-_2972955	2972955	2972999	-	4	45	ATG	TAA	0	0	
mORF_-_2972977	2972977	2973021	-	5	45	ATG	TGA	0	0	

mORF_-_2973028	2973028	2973150	-	5	123	GTG	TAA	0	0	
mORF_-_2973184	2973184	2973219	-	5	36	TTG	TGA	0	0	
mORF_-_2973223	2973223	2973246	-	5	24	ATG	TGA	0	0	
mORF_-_2973256	2973256	2973402	-	5	147	GTG	TAA	0	0	
mORF_-_2973291	2973291	2973371	-	4	81	ATG	TGA	0	0	
mORF_-_2973403	2973403	2973429	-	5	27	GTG	TGA	0	0	
mORF_-_2973460	2973460	2973516	-	5	57	ATG	TAA	0	0	
mORF_-_2973592	2973592	2973681	-	5	90	ATG	TGA	0	0	
mORF_-_2973733	2973733	2973810	-	5	78	TTG	TGA	0	0	
mORF_-_2973774	2973774	2973845	-	4	72	GTG	TAA	0	0	
mORF_-_2973853	2973853	2973918	-	5	66	TTG	TAA	0	0	
mORF_-_2973961	2973961	2974197	-	5	237	TTG	TGA	0	0	
mORF_-_2973975	2973975	2974010	-	4	36	GTG	TGA	0	0	
mORF_-_2974082	2974082	2974087	-	6	6	GTG	TAA	0	0	
mORF_-_2974115	2974115	2974231	-	6	117	GTG	TAA	0	0	
mORF_-_2974191	2974191	2974280	-	4	90	TTG	TGA	0	0	
mORF_-_2974198	2974198	2974365	-	5	168	ATG	TGA	0	0	
mORF_-_2974307	2974307	2974342	-	6	36	ATG	TAA	0	0	
mORF_-_2974362	2974362	2974481	-	4	120	TTG	TGA	0	0	
mORF_-_2974370	2974370	2974390	-	6	21	GTG	TGA	0	0	
mORF_-_2974409	2974409	2974441	-	6	33	GTG	TGA	0	0	
mORF_-_2974417	2974417	2974491	-	5	75	TTG	TAA	0	0	
mORF_-_2974448	2974448	2974564	-	6	117	TTG	TGA	0	0	
mORF_-_2974506	2974506	2974583	-	4	78	GTG	TAA	0	0	
mORF_-_2974525	2974525	2974608	-	5	84	GTG	TGA	0	0	
mORF_-_2974608	2974608	2974700	-	4	93	TTG	TAG	0	0	
mORF_-_2974685	2974685	2974738	-	6	54	TTG	TAA	0	0	
mORF_-_2974693	2974693	2974881	-	5	189	GTG	TGA	0	0	
mORF_-_2974748	2974748	2975020	-	6	273	ATG	TAA	0	0	
mORF_-_2974755	2974755	2974796	-	4	42	GTG	TGA	0	0	
mORF_-_2974878	2974878	2974907	-	4	30	TTG	TGA	0	0	
mORF_-_2974894	2974894	2974986	-	5	93	ATG	TAA	0	0	
mORF_-_2974911	2974911	2974919	-	4	9	TTG	TAA	0	0	
mORF_-_2974935	2974935	2975054	-	4	120	TTG	TGA	0	0	
mORF_-_2975020	2975020	2975130	-	5	111	ATG	TAA	0	0	
mORF_-_2975051	2975051	2975122	-	6	72	TTG	TGA	0	0	
mORF_-_2975131	2975131	2975208	-	5	78	TTG	TAA	0	0	
mORF_-_2975145	2975145	2975156	-	4	12	ATG	TGA	0	0	
mORF_-_2975180	2975180	2975302	-	6	123	TTG	TAG	0	0	
mORF_-_2975214	2975214	2975336	-	4	123	GTG	TAA	0	0	
mORF_-_2975333	2975333	2975362	-	6	30	TTG	TGA	0	0	
mORF_-_2975349	2975349	2975390	-	4	42	TTG	TAA	0	0	
mORF_-_2975387	2975387	2975494	-	6	108	TTG	TGA	0	0	
mORF_-_2975452	2975452	2975601	-	5	150	ATG	TGA	0	0	
mORF_-_2975457	2975457	2975480	-	4	24	GTG	TAG	0	0	
mORF_-_2975487	2975487	2975567	-	4	81	GTG	TAA	0	0	
mORF_-_2975576	2975576	2975641	-	6	66	TTG	TAA	0	0	
mORF_-_2975608	2975608	2975637	-	5	30	ATG	TGA	0	0	
mORF_-_2975659	2975659	2976921	-	5	1263	ATG	TAA	15	71	pORF_-_2975659
mORF_-_2975709	2975709	2975822	-	4	114	GTG	TGA	0	0	
mORF_-_2975829	2975829	2975969	-	4	141	GTG	TGA	0	0	
mORF_-_2975894	2975894	2975899	-	6	6	ATG	TGA	0	0	
mORF_-_2976006	2976006	2976038	-	4	33	TTG	TGA	0	0	
mORF_-_2976099	2976099	2976122	-	4	24	TTG	TAG	0	0	
mORF_-_2976132	2976132	2976347	-	4	216	TTG	TGA	0	0	
mORF_-_2976164	2976164	2976181	-	6	18	GTG	TGA	0	0	
mORF_-_2976215	2976215	2976310	-	6	96	GTG	TGA	0	0	
mORF_-_2976390	2976390	2976563	-	4	174	ATG	TGA	0	0	
mORF_-_2976491	2976491	2976505	-	6	15	ATG	TAA	0	0	
mORF_-_2976564	2976564	2976677	-	4	114	GTG	TGA	0	0	
mORF_-_2976711	2976711	2976725	-	4	15	GTG	TGA	0	0	
mORF_-_2976729	2976729	2976785	-	4	57	TTG	TAA	0	0	
mORF_-_2976782	2976782	2976838	-	6	57	GTG	TGA	0	0	

mORF_-_2976792	2976792	2976965	-	4	174	ATG	TGA	0	0	
mORF_-_2976952	2976952	2976960	-	5	9	GTG	TAA	0	0	
mORF_-_2976962	2976962	2977006	-	6	45	TTG	TGA	0	0	
mORF_-_2977053	2977053	2977142	-	4	90	TTG	TAA	0	0	
mORF_-_2977058	2977058	2977120	-	6	63	GTG	TAA	0	0	
mORF_-_2977078	2977078	2977284	-	5	207	ATG	TGA	0	0	
mORF_-_2977124	2977124	2977129	-	6	6	GTG	TAG	0	0	
mORF_-_2977214	2977214	2977360	-	6	147	TTG	TAA	0	0	
mORF_-_2977332	2977332	2977397	-	4	66	GTG	TAG	0	0	
mORF_-_2977367	2977367	2977384	-	6	18	TTG	TAA	0	0	
mORF_-_2977410	2977410	2977439	-	4	30	GTG	TGA	0	0	
mORF_-_2977442	2977442	2977474	-	6	33	ATG	TAG	0	0	
mORF_-_2977471	2977471	2977488	-	5	18	GTG	TGA	0	0	
mORF_-_2977478	2977478	2977501	-	6	24	ATG	TAA	0	0	
mORF_-_2977556	2977556	2977570	-	6	15	ATG	TAA	0	0	
mORF_-_2977621	2977621	2977626	-	5	6	ATG	TAG	0	0	
mORF_-_2977670	2977670	2977717	-	6	48	GTG	TAG	0	0	
mORF_-_2977684	2977684	2977782	-	5	99	GTG	TGA	0	0	
mORF_-_2977689	2977689	2977739	-	4	51	TTG	TAA	0	0	
mORF_-_2977779	2977779	2977802	-	4	24	TTG	TGA	0	0	
mORF_-_2977792	2977792	2977845	-	5	54	GTG	TAA	0	0	
mORF_-_2977808	2977808	2977870	-	6	63	GTG	TAA	0	0	
mORF_-_2977848	2977848	2977880	-	4	33	ATG	TGA	0	0	
mORF_-_2977880	2977880	2977909	-	6	30	ATG	TGA	0	0	
mORF_-_2977891	2977891	2977938	-	5	48	GTG	TGA	0	0	
mORF_-_2977910	2977910	2977915	-	6	6	TTG	TAA	0	0	
mORF_-_2977961	2977961	2978113	-	6	153	TTG	TGA	0	0	
mORF_-_2977965	2977965	2978726	-	4	762	TTG	TAG	1	3	pORF_-_2977965
mORF_-_2978014	2978014	2978163	-	5	150	GTG	TGA	0	0	
mORF_-_2978114	2978114	2978203	-	6	90	ATG	TGA	0	0	
mORF_-_2978209	2978209	2978370	-	5	162	TTG	TGA	0	0	
mORF_-_2978243	2978243	2978302	-	6	60	GTG	TGA	0	0	
mORF_-_2978306	2978306	2978452	-	6	147	TTG	TGA	0	0	
mORF_-_2978395	2978395	2978415	-	5	21	ATG	TAA	0	0	
mORF_-_2978482	2978482	2978508	-	5	27	GTG	TAA	0	0	
mORF_-_2978513	2978513	2978590	-	6	78	ATG	TAG	0	0	
mORF_-_2978627	2978627	2978647	-	6	21	TTG	TGA	0	0	
mORF_-_2978654	2978654	2978734	-	6	81	TTG	TGA	0	0	
mORF_-_2978677	2978677	2978688	-	5	12	TTG	TAA	0	0	
mORF_-_2978716	2978716	2978772	-	5	57	ATG	TGA	0	0	
mORF_-_2978741	2978741	2978770	-	6	30	GTG	TAA	0	0	
mORF_-_2978786	2978786	2980333	-	6	1548	TTG	TGA	4	0	pORF_-_2978786
mORF_-_2978821	2978821	2978898	-	5	78	TTG	TGA	0	0	
mORF_-_2978902	2978902	2978949	-	5	48	TTG	TGA	0	0	
mORF_-_2978946	2978946	2979032	-	4	87	ATG	TGA	0	0	
mORF_-_2979048	2979048	2979104	-	4	57	GTG	TGA	0	0	
mORF_-_2979082	2979082	2979099	-	5	18	TTG	TGA	0	0	
mORF_-_2979112	2979112	2979162	-	5	51	TTG	TGA	0	0	
mORF_-_2979159	2979159	2979176	-	4	18	TTG	TGA	0	0	
mORF_-_2979205	2979205	2979219	-	5	15	TTG	TGA	0	0	
mORF_-_2979250	2979250	2979267	-	5	18	TTG	TAG	0	0	
mORF_-_2979295	2979295	2979312	-	5	18	TTG	TAG	0	0	
mORF_-_2979382	2979382	2979435	-	5	54	GTG	TGA	0	0	
mORF_-_2979456	2979456	2979470	-	4	15	TTG	TAA	0	0	
mORF_-_2979487	2979487	2979570	-	5	84	TTG	TGA	0	0	
mORF_-_2979631	2979631	2979654	-	5	24	TTG	TGA	0	0	
mORF_-_2979757	2979757	2979849	-	5	93	GTG	TGA	0	0	
mORF_-_2979868	2979868	2979882	-	5	15	TTG	TAG	0	0	
mORF_-_2979892	2979892	2979909	-	5	18	TTG	TAG	0	0	
mORF_-_2979928	2979928	2979993	-	5	66	GTG	TGA	0	0	
mORF_-_2979939	2979939	2979965	-	4	27	TTG	TAA	0	0	
mORF_-_2980008	2980008	2980019	-	4	12	ATG	TAG	0	0	
mORF_-_2980036	2980036	2980044	-	5	9	TTG	TGA	0	0	

mORF_-_2980078	2980078	2980098	-	5	21	TTG	TAA	0	0	
mORF_-_2980089	2980089	2980253	-	4	165	TTG	TGA	0	0	
mORF_-_2980123	2980123	2980134	-	5	12	TTG	TAG	0	0	
mORF_-_2980266	2980266	2980283	-	4	18	ATG	TGA	0	0	
mORF_-_2980314	2980314	2980487	-	4	174	ATG	TAA	0	0	
mORF_-_2980342	2980342	2980374	-	5	33	GTG	TAA	0	0	
mORF_-_2980430	2980430	2980444	-	6	15	ATG	TAA	0	0	
mORF_-_2980453	2980453	2980500	-	5	48	ATG	TAA	0	0	
mORF_-_2980463	2980463	2980534	-	6	72	TTG	TAG	0	0	
mORF_-_2980497	2980497	2980562	-	4	66	ATG	TGA	0	0	
mORF_-_2980519	2980519	2981280	-	5	762	ATG	TAA	3	6	pORF_-_2980519
mORF_-_2980563	2980563	2980589	-	4	27	TTG	TGA	0	0	
mORF_-_2980608	2980608	2980676	-	4	69	ATG	TGA	0	0	
mORF_-_2980613	2980613	2980630	-	6	18	TTG	TGA	0	0	
mORF_-_2980722	2980722	2980736	-	4	15	ATG	TAG	0	0	
mORF_-_2980748	2980748	2980756	-	6	9	ATG	TAA	0	0	
mORF_-_2980776	2980776	2980781	-	4	6	GTG	TGA	0	0	
mORF_-_2980785	2980785	2980874	-	4	90	ATG	TGA	0	0	
mORF_-_2980941	2980941	2980982	-	4	42	ATG	TGA	0	0	
mORF_-_2981010	2981010	2981033	-	4	24	TTG	TGA	0	0	
mORF_-_2981040	2981040	2981075	-	4	36	TTG	TAG	0	0	
mORF_-_2981100	2981100	2981270	-	4	171	GTG	TAA	1	2	pORF_-_2981100
mORF_-_2981225	2981225	2981230	-	6	6	TTG	TGA	0	0	
mORF_-_2981249	2981249	2981407	-	6	159	GTG	TAA	0	0	
mORF_-_2981277	2981277	2981285	-	4	9	TTG	TGA	0	0	
mORF_-_2981290	2981290	2981307	-	5	18	GTG	TAA	0	0	
mORF_-_2981298	2981298	2981309	-	4	12	TTG	TAA	0	0	
mORF_-_2981310	2981310	2982146	-	4	837	GTG	TAG	0	0	
mORF_-_2981456	2981456	2981461	-	6	6	TTG	TGA	0	0	
mORF_-_2981489	2981489	2981515	-	6	27	ATG	TGA	0	0	
mORF_-_2981512	2981512	2981580	-	5	69	GTG	TGA	0	0	
mORF_-_2981615	2981615	2981647	-	6	33	TTG	TGA	0	0	
mORF_-_2981683	2981683	2981760	-	5	78	TTG	TAA	0	0	
mORF_-_2981690	2981690	2981911	-	6	222	GTG	TAG	0	0	
mORF_-_2981857	2981857	2981865	-	5	9	ATG	TGA	0	0	
mORF_-_2981912	2981912	2981929	-	6	18	TTG	TAG	0	0	
mORF_-_2981939	2981939	2981971	-	6	33	TTG	TAA	0	0	
mORF_-_2981987	2981987	2982121	-	6	135	GTG	TAA	0	0	
mORF_-_2982137	2982137	2982235	-	6	99	ATG	TAA	0	0	
mORF_-_2982213	2982213	2982251	-	4	39	TTG	TAG	0	0	
mORF_-_2982248	2982248	2982379	-	6	132	ATG	TGA	0	0	
mORF_-_2982252	2982252	2982266	-	4	15	TTG	TAA	0	0	
mORF_-_2982310	2982310	2982324	-	5	15	ATG	TGA	0	0	
mORF_-_2982321	2982321	2982386	-	4	66	TTG	TGA	0	0	
mORF_-_2982408	2982408	2982449	-	4	42	TTG	TAA	0	0	
mORF_-_2982433	2982433	2983617	-	5	1185	GTG	TAG	4	24	pORF_-_2982433
mORF_-_2982446	2982446	2982484	-	6	39	TTG	TGA	0	0	
mORF_-_2982453	2982453	2982509	-	4	57	ATG	TGA	0	0	
mORF_-_2982516	2982516	2982527	-	4	12	ATG	TGA	0	0	
mORF_-_2982524	2982524	2982553	-	6	30	TTG	TGA	0	0	
mORF_-_2982564	2982564	2982668	-	4	105	ATG	TAG	0	0	
mORF_-_2982614	2982614	2982622	-	6	9	GTG	TGA	0	0	
mORF_-_2982689	2982689	2982721	-	6	33	TTG	TGA	0	0	
mORF_-_2982705	2982705	2982746	-	4	42	TTG	TAG	0	0	
mORF_-_2982765	2982765	2982782	-	4	18	TTG	TAG	0	0	
mORF_-_2982846	2982846	2982863	-	4	18	ATG	TAA	0	0	
mORF_-_2982867	2982867	2982881	-	4	15	ATG	TAA	0	0	
mORF_-_2982891	2982891	2982911	-	4	21	TTG	TGA	0	0	
mORF_-_2982930	2982930	2982980	-	4	51	TTG	TAG	0	0	
mORF_-_2983008	2983008	2983223	-	4	216	GTG	TAA	0	0	
mORF_-_2983154	2983154	2983171	-	6	18	GTG	TGA	0	0	
mORF_-_2983239	2983239	2983247	-	4	9	ATG	TGA	0	0	
mORF_-_2983260	2983260	2983397	-	4	138	GTG	TGA	0	0	

mORF_-_2983292	2983292	2983306	-	6	15	GTG	TGA	0	0
mORF_-_2983337	2983337	2983354	-	6	18	TTG	TAA	0	0
mORF_-_2983443	2983443	2983457	-	4	15	TTG	TGA	0	0
mORF_-_2983461	2983461	2983478	-	4	18	ATG	TAA	0	0
mORF_-_2983512	2983512	2983529	-	4	18	TTG	TGA	0	0
mORF_-_2983523	2983523	2983630	-	6	108	TTG	TAG	0	0
mORF_-_2983551	2983551	2983598	-	4	48	TTG	TAG	0	0
mORF_-_2983599	2983599	2983604	-	4	6	TTG	TGA	0	0
mORF_-_2983614	2983614	2983619	-	4	6	TTG	TGA	0	0
mORF_-_2983631	2983631	2983642	-	6	12	TTG	TAA	0	0
mORF_-_2983666	2983666	2983701	-	5	36	GTG	TAA	0	0
mORF_-_2983679	2983679	2983744	-	6	66	GTG	TAA	0	0
mORF_-_2983698	2983698	2983757	-	4	60	TTG	TGA	0	0
mORF_-_2983726	2983726	2983761	-	5	36	GTG	TGA	0	0
mORF_-_2983761	2983761	2983772	-	4	12	TTG	TAG	0	0
mORF_-_2983792	2983792	2983803	-	5	12	ATG	TAA	0	0
mORF_-_2983816	2983816	2983836	-	5	21	ATG	TAA	0	0
mORF_-_2983916	2983916	2983942	-	6	27	GTG	TAG	0	0
mORF_-_2983958	2983958	2984053	-	6	96	ATG	TGA	0	0
mORF_-_2983993	2983993	2984031	-	5	39	GTG	TAA	0	0
mORF_-_2984016	2984016	2984033	-	4	18	ATG	TAA	0	0
mORF_-_2984050	2984050	2984103	-	5	54	GTG	TGA	0	0
mORF_-_2984070	2984070	2984105	-	4	36	GTG	TGA	0	0
mORF_-_2984108	2984108	2984290	-	6	183	ATG	TAG	0	0
mORF_-_2984149	2984149	2984190	-	5	42	TTG	TGA	0	0
mORF_-_2984191	2984191	2984202	-	5	12	GTG	TAA	0	0
mORF_-_2984199	2984199	2984225	-	4	27	ATG	TGA	0	0
mORF_-_2984203	2984203	2984220	-	5	18	TTG	TAA	0	0
mORF_-_2984274	2984274	2984309	-	4	36	ATG	TAA	0	0
mORF_-_2984306	2984306	2984314	-	6	9	GTG	TGA	0	0
mORF_-_2984314	2984314	2984412	-	5	99	TTG	TAG	0	0
mORF_-_2984354	2984354	2984374	-	6	21	ATG	TAG	0	0
mORF_-_2984361	2984361	2984396	-	4	36	TTG	TAA	0	0
mORF_-_2984375	2984375	2984428	-	6	54	TTG	TAA	0	0
mORF_-_2984406	2984406	2984543	-	4	138	GTG	TAA	0	0
mORF_-_2984441	2984441	2984560	-	6	120	TTG	TGA	0	0
mORF_-_2984579	2984579	2984917	-	6	339	ATG	TAA	0	0
mORF_-_2984632	2984632	2984640	-	5	9	GTG	TAG	0	0
mORF_-_2984695	2984695	2984727	-	5	33	TTG	TAG	0	0
mORF_-_2984737	2984737	2984769	-	5	33	ATG	TAA	0	0
mORF_-_2984815	2984815	2984859	-	5	45	ATG	TGA	0	0
mORF_-_2984860	2984860	2984877	-	5	18	TTG	TAA	0	0
mORF_-_2984942	2984942	2985037	-	6	96	ATG	TAA	0	0
mORF_-_2984989	2984989	2985000	-	5	12	TTG	TAG	0	0
mORF_-_2984997	2984997	2985146	-	4	150	ATG	TGA	0	0
mORF_-_2985091	2985091	2985162	-	5	72	ATG	TAA	0	0
mORF_-_2985125	2985125	2985130	-	6	6	TTG	TAG	0	0
mORF_-_2985159	2985159	2985197	-	4	39	ATG	TGA	0	0
mORF_-_2985169	2985169	2985177	-	5	9	GTG	TAA	0	0
mORF_-_2985210	2985210	2985227	-	4	18	GTG	TGA	0	0
mORF_-_2985214	2985214	2985243	-	5	30	ATG	TAA	0	0
mORF_-_2985218	2985218	2985229	-	6	12	TTG	TAA	0	0
mORF_-_2985245	2985245	2985310	-	6	66	TTG	TAA	0	0
mORF_-_2985255	2985255	2985269	-	4	15	ATG	TAG	0	0
mORF_-_2985259	2985259	2985300	-	5	42	ATG	TAA	0	0
mORF_-_2985273	2985273	2985284	-	4	12	TTG	TAA	0	0
mORF_-_2985301	2985301	2985363	-	5	63	TTG	TGA	0	0
mORF_-_2985329	2985329	2985367	-	6	39	ATG	TAA	0	0
mORF_-_2985360	2985360	2985371	-	4	12	TTG	TGA	0	0
mORF_-_2985379	2985379	2985417	-	5	39	ATG	TGA	0	0
mORF_-_2985429	2985429	2985464	-	4	36	TTG	TAA	0	0
mORF_-_2985439	2985439	2985510	-	5	72	TTG	TAA	0	0
mORF_-_2985480	2985480	2985491	-	4	12	ATG	TAA	0	0

mORF_-_2985488	2985488	2985559	-	6	72	ATG	TGA	0	0
mORF_-_2985507	2985507	2985530	-	4	24	TTG	TGA	0	0
mORF_-_2985575	2985575	2985739	-	6	165	TTG	TAA	0	0
mORF_-_2985586	2985586	2985693	-	5	108	ATG	TAA	0	0
mORF_-_2985603	2985603	2985617	-	4	15	TTG	TGA	0	0
mORF_-_2985697	2985697	2985828	-	5	132	TTG	TAA	0	0
mORF_-_2985723	2985723	2985737	-	4	15	GTG	TAA	0	0
mORF_-_2985818	2985818	2985865	-	6	48	TTG	TAG	0	0
mORF_-_2985849	2985849	2985872	-	4	24	TTG	TAA	0	0
mORF_-_2985876	2985876	2985899	-	4	24	GTG	TAA	0	0
mORF_-_2985880	2985880	2985909	-	5	30	TTG	TAG	0	0
mORF_-_2985884	2985884	2985952	-	6	69	TTG	TAA	0	0
mORF_-_2985903	2985903	2985968	-	4	66	TTG	TGA	0	0
mORF_-_2985973	2985973	2985993	-	5	21	ATG	TAA	0	0
mORF_-_2985983	2985983	2986009	-	6	27	GTG	TAA	0	0
mORF_-_2985994	2985994	2986011	-	5	18	ATG	TAA	0	0
mORF_-_2986011	2986011	2986121	-	4	111	TTG	TAA	0	0
mORF_-_2986016	2986016	2986033	-	6	18	ATG	TGA	0	0
mORF_-_2986027	2986027	2986065	-	5	39	ATG	TGA	0	0
mORF_-_2986067	2986067	2986105	-	6	39	ATG	TGA	0	0
mORF_-_2986106	2986106	2986117	-	6	12	TTG	TAG	0	0
mORF_-_2986162	2986162	2986197	-	5	36	TTG	TAA	0	0
mORF_-_2986170	2986170	2986187	-	4	18	ATG	TGA	0	0
mORF_-_2986194	2986194	2986214	-	4	21	ATG	TGA	0	0
mORF_-_2986222	2986222	2986233	-	5	12	ATG	TAA	0	0
mORF_-_2986234	2986234	2986275	-	5	42	TTG	TAA	0	0
mORF_-_2986253	2986253	2986306	-	6	54	GTG	TAA	0	0
mORF_-_2986272	2986272	2986403	-	4	132	ATG	TGA	0	0
mORF_-_2986303	2986303	2986371	-	5	69	ATG	TGA	0	0
mORF_-_2986340	2986340	2986345	-	6	6	TTG	TAA	0	0
mORF_-_2986403	2986403	2986426	-	6	24	ATG	TAA	0	0
mORF_-_2986411	2986411	2986419	-	5	9	TTG	TGA	0	0
mORF_-_2986451	2986451	2986480	-	6	30	TTG	TAA	0	0
mORF_-_2986482	2986482	2986568	-	4	87	GTG	TAG	0	0
mORF_-_2986514	2986514	2986732	-	6	219	GTG	TAA	0	0
mORF_-_2986575	2986575	2986589	-	4	15	ATG	TAA	0	0
mORF_-_2986600	2986600	2986674	-	5	75	GTG	TAA	0	0
mORF_-_2986644	2986644	2986679	-	4	36	TTG	TAG	0	0
mORF_-_2986734	2986734	2986793	-	4	60	GTG	TAA	0	0
mORF_-_2986739	2986739	2986849	-	6	111	ATG	TGA	0	0
mORF_-_2986786	2986786	2986806	-	5	21	TTG	TAG	0	0
mORF_-_2986797	2986797	2986859	-	4	63	ATG	TAG	0	0
mORF_-_2986843	2986843	2986902	-	5	60	GTG	TAA	0	0
mORF_-_2986856	2986856	2986975	-	6	120	TTG	TGA	0	0
mORF_-_2986872	2986872	2986991	-	4	120	ATG	TGA	0	0
mORF_-_2986915	2986915	2986950	-	5	36	TTG	TAA	0	0
mORF_-_2986988	2986988	2987017	-	6	30	ATG	TGA	0	0
mORF_-_2986996	2986996	2987010	-	5	15	ATG	TAA	0	0
mORF_-_2987014	2987014	2987067	-	5	54	ATG	TGA	0	0
mORF_-_2987040	2987040	2987204	-	4	165	ATG	TAG	0	0
mORF_-_2987054	2987054	2987074	-	6	21	TTG	TGA	0	0
mORF_-_2987078	2987078	2987263	-	6	186	TTG	TAA	0	0
mORF_-_2987113	2987113	2987169	-	5	57	GTG	TAA	0	0
mORF_-_2987188	2987188	2987238	-	5	51	GTG	TAA	0	0
mORF_-_2987235	2987235	2987282	-	4	48	ATG	TGA	0	0
mORF_-_2987251	2987251	2987292	-	5	42	TTG	TAA	0	0
mORF_-_2987334	2987334	2987390	-	4	57	GTG	TAA	0	0
mORF_-_2987359	2987359	2987550	-	5	192	TTG	TAA	0	0
mORF_-_2987387	2987387	2987443	-	6	57	TTG	TGA	0	0
mORF_-_2987400	2987400	2987594	-	4	195	GTG	TAA	0	0
mORF_-_2987456	2987456	2987476	-	6	21	TTG	TAA	0	0
mORF_-_2987492	2987492	2987632	-	6	141	TTG	TAA	0	0
mORF_-_2987569	2987569	2987622	-	5	54	ATG	TGA	0	0

mORF_-_2987607	2987607	2987615	-	4	9	GTG	TAG	0	0
mORF_-_2987629	2987629	2987688	-	5	60	TTG	TGA	0	0
mORF_-_2987654	2987654	2987686	-	6	33	GTG	TAA	0	0
mORF_-_2987730	2987730	2987825	-	4	96	TTG	TAG	0	0
mORF_-_2987740	2987740	2987796	-	5	57	ATG	TAG	0	0
mORF_-_2987762	2987762	2987803	-	6	42	TTG	TAA	0	0
mORF_-_2987810	2987810	2987848	-	6	39	ATG	TAG	0	0
mORF_-_2987841	2987841	2987981	-	4	141	ATG	TAA	0	0
mORF_-_2987888	2987888	2987914	-	6	27	ATG	TAG	0	0
mORF_-_2987918	2987918	2987953	-	6	36	ATG	TGA	0	0
mORF_-_2987923	2987923	2987940	-	5	18	TTG	TAA	0	0
mORF_-_2987950	2987950	2987997	-	5	48	ATG	TGA	0	0
mORF_-_2987957	2987957	2988394	-	6	438	GTG	TGA	0	0
mORF_-_2988076	2988076	2988087	-	5	12	TTG	TGA	0	0
mORF_-_2988100	2988100	2988132	-	5	33	ATG	TAG	0	0
mORF_-_2988136	2988136	2988153	-	5	18	ATG	TAA	0	0
mORF_-_2988193	2988193	2988222	-	5	30	ATG	TAA	0	0
mORF_-_2988216	2988216	2988248	-	4	33	ATG	TAA	0	0
mORF_-_2988223	2988223	2988228	-	5	6	ATG	TGA	0	0
mORF_-_2988238	2988238	2988279	-	5	42	ATG	TAA	0	0
mORF_-_2988328	2988328	2988375	-	5	48	TTG	TAA	0	0
mORF_-_2988391	2988391	2988396	-	5	6	ATG	TGA	0	0
mORF_-_2988399	2988399	2988425	-	4	27	TTG	TAA	0	0
mORF_-_2988415	2988415	2988432	-	5	18	GTG	TAA	0	0
mORF_-_2988422	2988422	2988559	-	6	138	TTG	TGA	0	0
mORF_-_2988460	2988460	2988477	-	5	18	TTG	TAG	0	0
mORF_-_2988484	2988484	2988522	-	5	39	ATG	TGA	0	0
mORF_-_2988556	2988556	2988585	-	5	30	GTG	TGA	0	0
mORF_-_2988592	2988592	2988618	-	5	27	ATG	TAA	0	0
mORF_-_2988603	2988603	2988614	-	4	12	TTG	TAG	0	0
mORF_-_2988629	2988629	2988685	-	6	57	GTG	TGA	0	0
mORF_-_2988682	2988682	2988798	-	5	117	TTG	TGA	0	0
mORF_-_2988699	2988699	2988716	-	4	18	TTG	TAA	0	0
mORF_-_2988738	2988738	2988746	-	4	9	ATG	TAG	0	0
mORF_-_2988753	2988753	2988794	-	4	42	TTG	TGA	0	0
mORF_-_2988788	2988788	2988997	-	6	210	TTG	TGA	0	0
mORF_-_2988936	2988936	2989019	-	4	84	ATG	TAG	0	0
mORF_-_2989009	2989009	2989062	-	5	54	ATG	TAA	0	0
mORF_-_2989016	2989016	2989033	-	6	18	TTG	TGA	0	0
mORF_-_2989040	2989040	2989060	-	6	21	GTG	TAG	0	0
mORF_-_2989062	2989062	2989070	-	4	9	ATG	TAA	0	0
mORF_-_2989111	2989111	2989122	-	5	12	TTG	TAA	0	0
mORF_-_2989135	2989135	2989206	-	5	72	ATG	TAA	0	0
mORF_-_2989158	2989158	2989193	-	4	36	TTG	TAA	0	0
mORF_-_2989196	2989196	2989318	-	6	123	TTG	TAA	0	0
mORF_-_2989234	2989234	2989245	-	5	12	TTG	TGA	0	0
mORF_-_2989246	2989246	2989278	-	5	33	GTG	TGA	0	0
mORF_-_2989275	2989275	2989343	-	4	69	TTG	TGA	0	0
mORF_-_2989288	2989288	2989305	-	5	18	TTG	TAA	0	0
mORF_-_2989315	2989315	2989569	-	5	255	ATG	TGA	0	0
mORF_-_2989344	2989344	2989352	-	4	9	GTG	TAG	0	0
mORF_-_2989383	2989383	2989388	-	4	6	ATG	TAG	0	0
mORF_-_2989392	2989392	2989511	-	4	120	ATG	TAA	0	0
mORF_-_2989475	2989475	2989492	-	6	18	ATG	TAA	0	0
mORF_-_2989533	2989533	2989565	-	4	33	TTG	TGA	0	0
mORF_-_2989541	2989541	2989549	-	6	9	TTG	TGA	0	0
mORF_-_2989577	2989577	2989582	-	6	6	TTG	TAA	0	0
mORF_-_2989589	2989589	2989594	-	6	6	TTG	TAA	0	0
mORF_-_2989617	2989617	2989691	-	4	75	GTG	TGA	0	0
mORF_-_2989654	2989654	2989674	-	5	21	TTG	TAG	0	0
mORF_-_2989688	2989688	2989702	-	6	15	TTG	TGA	0	0
mORF_-_2989720	2989720	2989842	-	5	123	GTG	TAA	0	0
mORF_-_2989785	2989785	2989790	-	4	6	TTG	TAA	0	0

mORF_-_2989856	2989856	2989867	-	6	12	ATG	TAA	0	0
mORF_-_2989861	2989861	2989899	-	5	39	ATG	TGA	0	0
mORF_-_2989889	2989889	2989924	-	6	36	TTG	TAG	0	0
mORF_-_2989926	2989926	2989937	-	4	12	TTG	TAG	0	0
mORF_-_2989960	2989960	2990013	-	5	54	TTG	TAA	0	0
mORF_-_2989976	2989976	2990059	-	6	84	ATG	TAG	0	0
mORF_-_2990032	2990032	2990043	-	5	12	ATG	TAA	0	0
mORF_-_2990065	2990065	2990103	-	5	39	ATG	TAG	0	0
mORF_-_2990072	2990072	2990140	-	6	69	ATG	TAA	0	0
mORF_-_2990137	2990137	2990145	-	5	9	ATG	TGA	0	0
mORF_-_2990142	2990142	2990168	-	4	27	GTG	TGA	0	0
mORF_-_2990158	2990158	2990202	-	5	45	TTG	TAA	0	0
mORF_-_2990183	2990183	2990215	-	6	33	GTG	TAA	0	0
mORF_-_2990242	2990242	2990262	-	5	21	ATG	TAA	0	0
mORF_-_2990259	2990259	2990285	-	4	27	ATG	TGA	0	0
mORF_-_2990312	2990312	2990395	-	6	84	TTG	TAA	0	0
mORF_-_2990340	2990340	2990357	-	4	18	ATG	TAG	0	0
mORF_-_2990373	2990373	2990387	-	4	15	ATG	TAG	0	0
mORF_-_2990409	2990409	2990435	-	4	27	TTG	TAA	0	0
mORF_-_2990466	2990466	2990492	-	4	27	GTG	TAG	0	0
mORF_-_2990492	2990492	2990518	-	6	27	ATG	TAG	0	0
mORF_-_2990529	2990529	2990549	-	4	21	ATG	TGA	0	0
mORF_-_2990536	2990536	2990544	-	5	9	TTG	TAA	0	0
mORF_-_2990546	2990546	2990632	-	6	87	ATG	TGA	0	0
mORF_-_2990551	2990551	2990625	-	5	75	TTG	TGA	0	0
mORF_-_2990613	2990613	2990618	-	4	6	ATG	TGA	0	0
mORF_-_2990622	2990622	2990648	-	4	27	TTG	TGA	0	0
mORF_-_2990655	2990655	2990741	-	4	87	ATG	TAA	0	0
mORF_-_2990701	2990701	2990754	-	5	54	ATG	TAA	0	0
mORF_-_2990738	2990738	2990785	-	6	48	GTG	TGA	0	0
mORF_-_2990770	2990770	2990775	-	5	6	ATG	TAG	0	0
mORF_-_2990782	2990782	2990820	-	5	39	ATG	TGA	0	0
mORF_-_2990842	2990842	2990874	-	5	33	ATG	TAA	0	0
mORF_-_2990913	2990913	2990936	-	4	24	ATG	TAA	0	0
mORF_-_2990937	2990937	2990948	-	4	12	ATG	TAA	0	0
mORF_-_2990951	2990951	2991085	-	6	135	ATG	TAG	0	0
mORF_-_2990965	2990965	2990970	-	5	6	TTG	TAA	0	0
mORF_-_2991016	2991016	2991078	-	5	63	TTG	TAG	0	0
mORF_-_2991099	2991099	2991119	-	4	21	GTG	TAA	0	0
mORF_-_2991136	2991136	2991189	-	5	54	ATG	TAA	0	0
mORF_-_2991143	2991143	2991178	-	6	36	TTG	TAA	0	0
mORF_-_2991193	2991193	2991216	-	5	24	GTG	TAA	0	0
mORF_-_2991206	2991206	2991310	-	6	105	GTG	TAG	0	0
mORF_-_2991253	2991253	2991267	-	5	15	ATG	TAG	0	0
mORF_-_2991264	2991264	2991395	-	4	132	ATG	TGA	0	0
mORF_-_2991310	2991310	2991432	-	5	123	ATG	TAG	0	0
mORF_-_2991405	2991405	2991452	-	4	48	ATG	TAG	0	0
mORF_-_2991497	2991497	2991508	-	6	12	TTG	TAA	0	0
mORF_-_2991514	2991514	2991531	-	5	18	TTG	TAA	0	0
mORF_-_2991536	2991536	2991547	-	6	12	TTG	TAA	0	0
mORF_-_2991540	2991540	2991575	-	4	36	GTG	TAA	0	0
mORF_-_2991572	2991572	2991682	-	6	111	TTG	TGA	0	0
mORF_-_2991577	2991577	2991585	-	5	9	TTG	TAA	0	0
mORF_-_2991607	2991607	2991642	-	5	36	TTG	TAA	0	0
mORF_-_2991664	2991664	2991672	-	5	9	TTG	TAG	0	0
mORF_-_2991679	2991679	2991738	-	5	60	ATG	TGA	0	0
mORF_-_2991687	2991687	2991695	-	4	9	TTG	TAA	0	0
mORF_-_2991692	2991692	2991757	-	6	66	GTG	TGA	0	0
mORF_-_2991738	2991738	2991785	-	4	48	TTG	TAA	0	0
mORF_-_2991763	2991763	2991789	-	5	27	ATG	TAG	0	0
mORF_-_2991790	2991790	2991804	-	5	15	ATG	TAA	0	0
mORF_-_2991798	2991798	2991821	-	4	24	TTG	TGA	0	0
mORF_-_2991847	2991847	2991855	-	5	9	GTG	TAG	0	0

mORF_-_2991852	2991852	2991899	-	4	48	ATG	TGA	0	0
mORF_-_2991896	2991896	2991937	-	6	42	ATG	TGA	0	0
mORF_-_2991912	2991912	2991941	-	4	30	TTG	TAA	0	0
mORF_-_2991934	2991934	2991948	-	5	15	GTG	TGA	0	0
mORF_-_2991938	2991938	2991973	-	6	36	TTG	TGA	0	0
mORF_-_2991945	2991945	2992160	-	4	216	TTG	TGA	0	0
mORF_-_2992013	2992013	2992018	-	6	6	TTG	TAA	0	0
mORF_-_2992046	2992046	2992063	-	6	18	TTG	TAG	0	0
mORF_-_2992067	2992067	2992081	-	6	15	TTG	TGA	0	0
mORF_-_2992176	2992176	2992277	-	4	102	ATG	TAA	0	0
mORF_-_2992183	2992183	2992206	-	5	24	ATG	TAA	0	0
mORF_-_2992277	2992277	2992441	-	6	165	TTG	TAA	0	0
mORF_-_2992297	2992297	2992308	-	5	12	ATG	TAA	0	0
mORF_-_2992312	2992312	2992392	-	5	81	TTG	TGA	0	0
mORF_-_2992426	2992426	2992494	-	5	69	TTG	TAA	0	0
mORF_-_2992466	2992466	2992498	-	6	33	GTG	TAG	0	0
mORF_-_2992482	2992482	2992928	-	4	447	ATG	TAA	0	0
mORF_-_2992520	2992520	2992543	-	6	24	ATG	TGA	0	0
mORF_-_2992592	2992592	2992633	-	6	42	ATG	TAA	0	0
mORF_-_2992637	2992637	2992768	-	6	132	GTG	TAG	0	0
mORF_-_2992708	2992708	2992713	-	5	6	TTG	TGA	0	0
mORF_-_2992759	2992759	2992806	-	5	48	ATG	TGA	0	0
mORF_-_2992772	2992772	2992825	-	6	54	TTG	TAA	0	0
mORF_-_2992832	2992832	2992843	-	6	12	TTG	TAA	0	0
mORF_-_2992859	2992859	2992882	-	6	24	ATG	TAG	0	0
mORF_-_2992897	2992897	2992905	-	5	9	ATG	TAA	0	0
mORF_-_2992925	2992925	2992939	-	6	15	TTG	TGA	0	0
mORF_-_2992959	2992959	2993114	-	4	156	ATG	TAA	0	0
mORF_-_2992975	2992975	2992980	-	5	6	GTG	TAA	0	0
mORF_-_2992997	2992997	2993056	-	6	60	TTG	TGA	0	0
mORF_-_2993057	2993057	2993068	-	6	12	TTG	TAA	0	0
mORF_-_2993093	2993093	2993185	-	6	93	TTG	TAG	0	0
mORF_-_2993119	2993119	2993151	-	5	33	ATG	TGA	0	0
mORF_-_2993139	2993139	2993147	-	4	9	ATG	TAA	0	0
mORF_-_2993148	2993148	2993201	-	4	54	ATG	TGA	0	0
mORF_-_2993176	2993176	2993265	-	5	90	ATG	TAA	0	0
mORF_-_2993265	2993265	2993276	-	4	12	ATG	TAA	0	0
mORF_-_2993292	2993292	2993297	-	4	6	TTG	TAA	0	0
mORF_-_2993298	2993298	2993312	-	4	15	TTG	TAA	0	0
mORF_-_2993309	2993309	2993317	-	6	9	ATG	TGA	0	0
mORF_-_2993336	2993336	2993767	-	6	432	ATG	TAG	0	0
mORF_-_2993371	2993371	2993406	-	5	36	TTG	TGA	0	0
mORF_-_2993448	2993448	2993462	-	4	15	TTG	TGA	0	0
mORF_-_2993473	2993473	2993601	-	5	129	TTG	TAA	0	0
mORF_-_2993484	2993484	2993489	-	4	6	TTG	TGA	0	0
mORF_-_2993559	2993559	2993585	-	4	27	ATG	TGA	0	0
mORF_-_2993611	2993611	2993619	-	5	9	TTG	TAG	0	0
mORF_-_2993625	2993625	2993693	-	4	69	TTG	TAA	0	0
mORF_-_2993686	2993686	2993721	-	5	36	TTG	TAA	0	0
mORF_-_2993718	2993718	2993786	-	4	69	TTG	TGA	0	0
mORF_-_2993770	2993770	2994042	-	5	273	ATG	TAA	0	0
mORF_-_2993783	2993783	2993797	-	6	15	ATG	TGA	0	0
mORF_-_2993808	2993808	2993927	-	4	120	TTG	TGA	0	0
mORF_-_2993961	2993961	2993969	-	4	9	ATG	TGA	0	0
mORF_-_2993984	2993984	2994409	-	6	426	ATG	TAA	0	0
mORF_-_2993988	2993988	2993999	-	4	12	ATG	TGA	0	0
mORF_-_2994058	2994058	2994105	-	5	48	TTG	TAG	0	0
mORF_-_2994123	2994123	2994188	-	4	66	ATG	TAA	0	0
mORF_-_2994157	2994157	2994240	-	5	84	ATG	TAA	0	0
mORF_-_2994274	2994274	2994342	-	5	69	GTG	TAA	0	0
mORF_-_2994291	2994291	2994419	-	4	129	GTG	TAA	0	0
mORF_-_2994394	2994394	2995299	-	5	906	GTG	TAG	0	0
mORF_-_2994420	2994420	2994521	-	4	102	TTG	TAA	0	0

mORF_-_2994428	2994428	2994433	-	6	6	TTG	TAA	0	0	
mORF_-_2994479	2994479	2994493	-	6	15	ATG	TAG	0	0	
mORF_-_2994537	2994537	2994575	-	4	39	GTG	TAA	0	0	
mORF_-_2994603	2994603	2994704	-	4	102	ATG	TAG	0	0	
mORF_-_2994683	2994683	2994697	-	6	15	ATG	TAA	0	0	
mORF_-_2994704	2994704	2994718	-	6	15	GTG	TAA	0	0	
mORF_-_2994711	2994711	2994887	-	4	177	GTG	TGA	0	0	
mORF_-_2994905	2994905	2994916	-	6	12	ATG	TGA	0	0	
mORF_-_2994933	2994933	2995226	-	4	294	GTG	TGA	0	0	
mORF_-_2995055	2995055	2995087	-	6	33	ATG	TGA	0	0	
mORF_-_2995190	2995190	2995267	-	6	78	ATG	TGA	0	0	
mORF_-_2995257	2995257	2995667	-	4	411	GTG	TAA	0	0	
mORF_-_2995292	2995292	2995342	-	6	51	ATG	TAG	0	0	
mORF_-_2995391	2995391	2995423	-	6	33	TTG	TGA	0	0	
mORF_-_2995499	2995499	2995519	-	6	21	TTG	TAG	0	0	
mORF_-_2995532	2995532	2995561	-	6	30	TTG	TGA	0	0	
mORF_-_2995607	2995607	2995618	-	6	12	TTG	TAG	0	0	
mORF_-_2995619	2995619	2995633	-	6	15	TTG	TGA	0	0	
mORF_-_2995711	2995711	2996010	-	5	300	GTG	TAG	0	0	
mORF_-_2995737	2995737	2995784	-	4	48	ATG	TAA	0	0	
mORF_-_2995836	2995836	2995844	-	4	9	TTG	TAG	0	0	
mORF_-_2995854	2995854	2995865	-	4	12	ATG	TAA	0	0	
mORF_-_2995887	2995887	2995955	-	4	69	TTG	TGA	0	0	
mORF_-_2995946	2995946	2996053	-	6	108	ATG	TGA	0	0	
mORF_-_2996007	2996007	2996018	-	4	12	TTG	TGA	0	0	
mORF_-_2996031	2996031	2996102	-	4	72	TTG	TAA	0	0	
mORF_-_2996056	2996056	2996892	-	5	837	GTG	TGA	0	0	
mORF_-_2996103	2996103	2996114	-	4	12	TTG	TGA	0	0	
mORF_-_2996121	2996121	2996192	-	4	72	TTG	TAA	0	0	
mORF_-_2996129	2996129	2996143	-	6	15	TTG	TGA	0	0	
mORF_-_2996202	2996202	2996258	-	4	57	ATG	TAG	0	0	
mORF_-_2996219	2996219	2996230	-	6	12	GTG	TAA	0	0	
mORF_-_2996265	2996265	2996303	-	4	39	ATG	TGA	0	0	
mORF_-_2996304	2996304	2996324	-	4	21	ATG	TGA	0	0	
mORF_-_2996363	2996363	2996395	-	6	33	GTG	TAA	0	0	
mORF_-_2996421	2996421	2996426	-	4	6	GTG	TAG	0	0	
mORF_-_2996426	2996426	2996464	-	6	39	ATG	TAG	0	0	
mORF_-_2996475	2996475	2996537	-	4	63	TTG	TGA	0	0	
mORF_-_2996637	2996637	2996645	-	4	9	ATG	TAA	0	0	
mORF_-_2996700	2996700	2996765	-	4	66	GTG	TAA	0	0	
mORF_-_2996762	2996762	2996803	-	6	42	GTG	TGA	0	0	
mORF_-_2996862	2996862	2996903	-	4	42	TTG	TGA	0	0	
mORF_-_2996893	2996893	2996949	-	5	57	ATG	TAA	1	0	pORF_-_2996893
mORF_-_2996933	2996933	2996938	-	6	6	TTG	TAA	0	0	
mORF_-_2996964	2996964	2997131	-	4	168	GTG	TAA	0	0	
mORF_-_2996968	2996968	2996976	-	5	9	TTG	TAA	0	0	
mORF_-_2997107	2997107	2997124	-	6	18	TTG	TAA	0	0	
mORF_-_2997118	2997118	2997258	-	5	141	ATG	TAA	0	0	
mORF_-_2997147	2997147	2997164	-	4	18	ATG	TAA	0	0	
mORF_-_2997158	2997158	2997937	-	6	780	TTG	TGA	0	0	
mORF_-_2997295	2997295	2997309	-	5	15	ATG	TGA	0	0	
mORF_-_2997313	2997313	2997360	-	5	48	GTG	TAA	0	0	
mORF_-_2997370	2997370	2997489	-	5	120	ATG	TGA	0	0	
mORF_-_2997477	2997477	2997542	-	4	66	TTG	TAA	0	0	
mORF_-_2997550	2997550	2997660	-	5	111	GTG	TAG	0	0	
mORF_-_2997667	2997667	2997687	-	5	21	TTG	TAA	0	0	
mORF_-_2997781	2997781	2997858	-	5	78	TTG	TGA	0	0	
mORF_-_2997895	2997895	2997909	-	5	15	GTG	TGA	0	0	
mORF_-_2997910	2997910	2998122	-	5	213	TTG	TGA	0	0	
mORF_-_2997927	2997927	2997974	-	4	48	TTG	TAA	0	0	
mORF_-_2997947	2997947	2998030	-	6	84	TTG	TGA	0	0	
mORF_-_2998020	2998020	2998049	-	4	30	TTG	TGA	0	0	
mORF_-_2998086	2998086	2998166	-	4	81	GTG	TAA	0	0	

mORF_-_2998127	2998127	2998147	-	6	21	GTG	TGA	0	0
mORF_-_2998138	2998138	2998197	-	5	60	ATG	TAA	0	0
mORF_-_2998172	2998172	2998222	-	6	51	GTG	TAG	0	0
mORF_-_2998219	2998219	2998224	-	5	6	GTG	TGA	0	0
mORF_-_2998244	2998244	2998312	-	6	69	TTG	TAA	0	0
mORF_-_2998281	2998281	2998304	-	4	24	TTG	TAG	0	0
mORF_-_2998309	2998309	2998395	-	5	87	GTG	TGA	0	0
mORF_-_2998326	2998326	2998346	-	4	21	TTG	TAG	0	0
mORF_-_2998350	2998350	2998364	-	4	15	ATG	TAG	0	0
mORF_-_2998361	2998361	2998582	-	6	222	ATG	TGA	0	0
mORF_-_2998392	2998392	2998406	-	4	15	GTG	TGA	0	0
mORF_-_2998420	2998420	2998437	-	5	18	ATG	TAA	0	0
mORF_-_2998464	2998464	2998472	-	4	9	GTG	TAG	0	0
mORF_-_2998477	2998477	2998605	-	5	129	TTG	TAA	0	0
mORF_-_2998536	2998536	2998565	-	4	30	ATG	TAA	0	0
mORF_-_2998569	2998569	2998628	-	4	60	GTG	TAG	0	0
mORF_-_2998631	2998631	2998735	-	6	105	TTG	TAG	0	0
mORF_-_2998651	2998651	2998824	-	5	174	GTG	TGA	0	0
mORF_-_2998739	2998739	2998795	-	6	57	ATG	TAA	0	0
mORF_-_2998749	2998749	2998853	-	4	105	TTG	TGA	0	0
mORF_-_2998808	2998808	2998993	-	6	186	GTG	TAA	0	0
mORF_-_2998899	2998899	2998931	-	4	33	ATG	TAA	0	0
mORF_-_2998912	2998912	2998995	-	5	84	ATG	TGA	0	0
mORF_-_2998962	2998962	2999039	-	4	78	ATG	TAA	0	0
mORF_-_2999014	2999014	2999211	-	5	198	ATG	TGA	0	0
mORF_-_2999036	2999036	2999305	-	6	270	GTG	TGA	0	0
mORF_-_2999052	2999052	2999117	-	4	66	ATG	TGA	0	0
mORF_-_2999160	2999160	2999186	-	4	27	TTG	TAA	0	0
mORF_-_2999205	2999205	2999246	-	4	42	ATG	TAA	0	0
mORF_-_2999254	2999254	2999280	-	5	27	GTG	TAA	0	0
mORF_-_2999274	2999274	2999432	-	4	159	GTG	TAG	0	0
mORF_-_2999296	2999296	2999310	-	5	15	ATG	TGA	0	0
mORF_-_2999372	2999372	2999434	-	6	63	TTG	TGA	0	0
mORF_-_2999383	2999383	2999391	-	5	9	TTG	TAG	0	0
mORF_-_2999419	2999419	2999553	-	5	135	TTG	TAA	0	0
mORF_-_2999507	2999507	2999818	-	6	312	TTG	TAA	0	0
mORF_-_2999560	2999560	2999652	-	5	93	TTG	TAA	0	0
mORF_-_2999686	2999686	2999700	-	5	15	GTG	TAG	0	0
mORF_-_2999746	2999746	2999763	-	5	18	TTG	TGA	0	0
mORF_-_2999791	2999791	2999805	-	5	15	GTG	TGA	0	0
mORF_-_2999862	2999862	2999870	-	4	9	TTG	TAA	0	0
mORF_-_2999867	2999867	2999875	-	6	9	TTG	TGA	0	0
mORF_-_2999886	2999886	2999960	-	4	75	GTG	TAA	0	0
mORF_-_2999926	2999926	2999982	-	5	57	ATG	TAG	0	0
mORF_-_2999966	2999966	2999989	-	6	24	GTG	TAA	0	0
mORF_-_2999986	2999986	3000000	-	5	15	ATG	TGA	0	0
mORF_-_3000002	3000002	3000007	-	6	6	ATG	TAG	0	0
mORF_-_3000011	3000011	3000043	-	6	33	ATG	TGA	0	0
mORF_-_3000083	3000083	3000256	-	6	174	ATG	TAA	0	0
mORF_-_3000109	3000109	3000249	-	5	141	TTG	TAG	0	0
mORF_-_3000165	3000165	3000173	-	4	9	GTG	TAG	0	0
mORF_-_3000260	3000260	3000304	-	6	45	GTG	TGA	0	0
mORF_-_3000273	3000273	3000281	-	4	9	GTG	TAA	0	0
mORF_-_3000295	3000295	3000387	-	5	93	TTG	TGA	0	0
mORF_-_3000335	3000335	3000481	-	6	147	ATG	TAG	0	0
mORF_-_3000360	3000360	3000428	-	4	69	GTG	TAG	0	0
mORF_-_3000397	3000397	3000564	-	5	168	TTG	TAA	0	0
mORF_-_3000453	3000453	3000503	-	4	51	TTG	TGA	0	0
mORF_-_3000546	3000546	3000560	-	4	15	TTG	TAG	0	0
mORF_-_3000561	3000561	3000794	-	4	234	ATG	TGA	0	0
mORF_-_3000590	3000590	3000637	-	6	48	ATG	TAA	0	0
mORF_-_3000634	3000634	3000669	-	5	36	TTG	TGA	0	0
mORF_-_3000653	3000653	3000733	-	6	81	GTG	TAA	0	0

mORF_-_3000758	3000758	3000763	-	6	6	TTG	TGA	0	0	
mORF_-_3000817	3000817	3000864	-	5	48	ATG	TAA	0	0	
mORF_-_3000873	3000873	3000902	-	4	30	ATG	TAG	0	0	
mORF_-_3000899	3000899	3000934	-	6	36	ATG	TGA	0	0	
mORF_-_3000961	3000961	3001017	-	5	57	TTG	TAG	0	0	
mORF_-_3000965	3000965	3001012	-	6	48	GTG	TAG	0	0	
mORF_-_3001020	3001020	3001184	-	4	165	ATG	TAG	1	20	pORF_-_3001020
mORF_-_3001078	3001078	3001155	-	5	78	GTG	TAA	0	0	
mORF_-_3001088	3001088	3001105	-	6	18	TTG	TGA	0	0	
mORF_-_3001142	3001142	3001573	-	6	432	GTG	TGA	0	0	
mORF_-_3001186	3001186	3001239	-	5	54	GTG	TAA	0	0	
mORF_-_3001218	3001218	3001241	-	4	24	ATG	TGA	0	0	
mORF_-_3001264	3001264	3001350	-	5	87	ATG	TGA	0	0	
mORF_-_3001272	3001272	3001340	-	4	69	TTG	TAA	0	0	
mORF_-_3001350	3001350	3001394	-	4	45	TTG	TAA	0	0	
mORF_-_3001375	3001375	3001416	-	5	42	ATG	TGA	0	0	
mORF_-_3001413	3001413	3001529	-	4	117	TTG	TGA	0	0	
mORF_-_3001516	3001516	3001548	-	5	33	ATG	TGA	0	0	
mORF_-_3001548	3001548	3001580	-	4	33	GTG	TAA	0	0	
mORF_-_3001570	3001570	3001743	-	5	174	GTG	TGA	0	0	
mORF_-_3001601	3001601	3001615	-	6	15	TTG	TAA	0	0	
mORF_-_3001622	3001622	3001636	-	6	15	TTG	TAG	0	0	
mORF_-_3001629	3001629	3001691	-	4	63	TTG	TGA	0	0	
mORF_-_3001703	3001703	3001780	-	6	78	ATG	TAA	0	0	
mORF_-_3001792	3001792	3001938	-	5	147	GTG	TAA	0	0	
mORF_-_3001848	3001848	3001886	-	4	39	ATG	TAG	0	0	
mORF_-_3002010	3002010	3002024	-	4	15	GTG	TGA	0	0	
mORF_-_3002030	3002030	3003808	-	6	1779	ATG	TAA	4	17	pORF_-_3002030
mORF_-_3002038	3002038	3002103	-	5	66	TTG	TAA	0	0	
mORF_-_3002143	3002143	3002208	-	5	66	GTG	TGA	0	0	
mORF_-_3002218	3002218	3002244	-	5	27	ATG	TAA	0	0	
mORF_-_3002248	3002248	3002289	-	5	42	GTG	TGA	0	0	
mORF_-_3002304	3002304	3002354	-	4	51	TTG	TAA	0	0	
mORF_-_3002329	3002329	3002475	-	5	147	GTG	TAA	0	0	
mORF_-_3002491	3002491	3002643	-	5	153	TTG	TAA	0	0	
mORF_-_3002671	3002671	3002685	-	5	15	GTG	TAA	0	0	
mORF_-_3002686	3002686	3002694	-	5	9	ATG	TAG	0	0	
mORF_-_3002728	3002728	3002835	-	5	108	TTG	TGA	0	0	
mORF_-_3002860	3002860	3002943	-	5	84	TTG	TGA	0	0	
mORF_-_3002949	3002949	3002984	-	4	36	GTG	TAG	0	0	
mORF_-_3002962	3002962	3003024	-	5	63	ATG	TAA	0	0	
mORF_-_3003064	3003064	3003105	-	5	42	TTG	TAA	0	0	
mORF_-_3003109	3003109	3003174	-	5	66	TTG	TAA	0	0	
mORF_-_3003120	3003120	3003131	-	4	12	ATG	TAA	0	0	
mORF_-_3003178	3003178	3003231	-	5	54	TTG	TAA	0	0	
mORF_-_3003238	3003238	3003279	-	5	42	ATG	TAA	0	0	
mORF_-_3003280	3003280	3003285	-	5	6	TTG	TAG	0	0	
mORF_-_3003313	3003313	3003462	-	5	150	TTG	TGA	0	0	
mORF_-_3003426	3003426	3003533	-	4	108	TTG	TGA	0	0	
mORF_-_3003472	3003472	3003483	-	5	12	GTG	TGA	0	0	
mORF_-_3003543	3003543	3003560	-	4	18	TTG	TAG	0	0	
mORF_-_3003583	3003583	3003588	-	5	6	TTG	TGA	0	0	
mORF_-_3003594	3003594	3003692	-	4	99	GTG	TGA	0	0	
mORF_-_3003640	3003640	3003750	-	5	111	TTG	TGA	0	0	
mORF_-_3003778	3003778	3003801	-	5	24	TTG	TGA	0	0	
mORF_-_3003830	3003830	3003871	-	6	42	ATG	TAA	0	0	
mORF_-_3003841	3003841	3003864	-	5	24	GTG	TGA	0	0	
mORF_-_3003868	3003868	3003912	-	5	45	ATG	TGA	0	0	
mORF_-_3003879	3003879	3003926	-	4	48	ATG	TAA	0	0	
mORF_-_3003939	3003939	3003956	-	4	18	GTG	TAA	0	0	
mORF_-_3003953	3003953	3003958	-	6	6	ATG	TGA	0	0	
mORF_-_3003961	3003961	3004050	-	5	90	TTG	TAG	0	0	
mORF_-_3003978	3003978	3003998	-	4	21	TTG	TAA	0	0	

mORF_-_3004028	3004028	3004099	-	6	72	TTG	TAA	0	0
mORF_-_3004041	3004041	3004076	-	4	36	TTG	TAA	0	0
mORF_-_3004090	3004090	3004137	-	5	48	ATG	TAA	0	0
mORF_-_3004113	3004113	3004133	-	4	21	GTG	TGA	0	0
mORF_-_3004124	3004124	3004222	-	6	99	TTG	TGA	0	0
mORF_-_3004144	3004144	3004185	-	5	42	GTG	TGA	0	0
mORF_-_3004149	3004149	3004226	-	4	78	GTG	TAA	0	0
mORF_-_3004192	3004192	3004266	-	5	75	ATG	TAA	0	0
mORF_-_3004223	3004223	3004234	-	6	12	TTG	TGA	0	0
mORF_-_3004263	3004263	3004343	-	4	81	GTG	TGA	0	0
mORF_-_3004271	3004271	3004321	-	6	51	TTG	TAG	0	0
mORF_-_3004318	3004318	3004446	-	5	129	TTG	TGA	0	0
mORF_-_3004340	3004340	3004498	-	6	159	GTG	TGA	0	0
mORF_-_3004359	3004359	3004394	-	4	36	TTG	TAA	0	0
mORF_-_3004467	3004467	3004553	-	4	87	TTG	TAA	0	0
mORF_-_3004514	3004514	3004570	-	6	57	TTG	TAA	0	0
mORF_-_3004528	3004528	3004575	-	5	48	GTG	TAA	0	0
mORF_-_3004572	3004572	3004586	-	4	15	GTG	TGA	0	0
mORF_-_3004583	3004583	3004675	-	6	93	TTG	TGA	0	0
mORF_-_3004636	3004636	3004908	-	5	273	GTG	TAG	0	0
mORF_-_3004715	3004715	3004720	-	6	6	TTG	TAA	0	0
mORF_-_3004749	3004749	3004778	-	4	30	GTG	TAA	0	0
mORF_-_3004784	3004784	3004861	-	6	78	ATG	TGA	0	0
mORF_-_3004809	3004809	3004820	-	4	12	GTG	TAA	0	0
mORF_-_3004827	3004827	3004961	-	4	135	ATG	TGA	0	0
mORF_-_3004883	3004883	3004951	-	6	69	GTG	TAG	0	0
mORF_-_3004970	3004970	3005011	-	6	42	TTG	TAG	0	0
mORF_-_3005039	3005039	3005080	-	6	42	ATG	TGA	0	0
mORF_-_3005065	3005065	3005190	-	5	126	GTG	TGA	0	0
mORF_-_3005094	3005094	3005153	-	4	60	GTG	TGA	0	0
mORF_-_3005105	3005105	3005110	-	6	6	TTG	TAA	0	0
mORF_-_3005150	3005150	3005266	-	6	117	ATG	TGA	0	0
mORF_-_3005160	3005160	3005459	-	4	300	TTG	TAA	0	0
mORF_-_3005354	3005354	3005359	-	6	6	TTG	TAG	0	0
mORF_-_3005378	3005378	3005419	-	6	42	TTG	TAA	0	0
mORF_-_3005383	3005383	3005430	-	5	48	GTG	TGA	0	0
mORF_-_3005488	3005488	3005547	-	5	60	ATG	TGA	0	0
mORF_-_3005504	3005504	3005620	-	6	117	TTG	TAG	0	0
mORF_-_3005578	3005578	3005694	-	5	117	TTG	TGA	0	0
mORF_-_3005592	3005592	3005639	-	4	48	GTG	TGA	0	0
mORF_-_3005654	3005654	3005785	-	6	132	ATG	TAA	0	0
mORF_-_3005722	3005722	3005736	-	5	15	TTG	TGA	0	0
mORF_-_3005733	3005733	3005792	-	4	60	TTG	TGA	0	0
mORF_-_3005758	3005758	3005925	-	5	168	GTG	TGA	0	0
mORF_-_3005793	3005793	3005813	-	4	21	ATG	TAA	0	0
mORF_-_3005810	3005810	3005896	-	6	87	TTG	TGA	0	0
mORF_-_3005832	3005832	3006293	-	4	462	GTG	TGA	0	0
mORF_-_3005951	3005951	3005956	-	6	6	ATG	TAA	0	0
mORF_-_3005972	3005972	3006022	-	6	51	GTG	TGA	0	0
mORF_-_3006019	3006019	3006129	-	5	111	TTG	TGA	0	0
mORF_-_3006032	3006032	3006100	-	6	69	GTG	TAG	0	0
mORF_-_3006113	3006113	3006139	-	6	27	ATG	TAA	0	0
mORF_-_3006136	3006136	3006237	-	5	102	TTG	TGA	0	0
mORF_-_3006272	3006272	3006316	-	6	45	TTG	TAG	0	0
mORF_-_3006329	3006329	3006535	-	6	207	ATG	TAA	0	0
mORF_-_3006435	3006435	3006455	-	4	21	TTG	TAG	0	0
mORF_-_3006457	3006457	3006486	-	5	30	ATG	TGA	0	0
mORF_-_3006486	3006486	3006713	-	4	228	GTG	TAA	0	0
mORF_-_3006599	3006599	3006670	-	6	72	GTG	TGA	0	0
mORF_-_3006652	3006652	3006732	-	5	81	GTG	TGA	0	0
mORF_-_3006683	3006683	3006709	-	6	27	TTG	TAG	0	0
mORF_-_3006729	3006729	3007385	-	4	657	GTG	TGA	0	0
mORF_-_3006734	3006734	3006808	-	6	75	TTG	TAG	0	0

mORF_-_3006790	3006790	3006804	-	5	15	ATG	TAG	0	0	
mORF_-_3006805	3006805	3006828	-	5	24	TTG	TGA	0	0	
mORF_-_3006833	3006833	3006976	-	6	144	TTG	TAA	0	0	
mORF_-_3006919	3006919	3007017	-	5	99	TTG	TAA	0	0	
mORF_-_3007025	3007025	3007141	-	6	117	ATG	TGA	0	0	
mORF_-_3007154	3007154	3007279	-	6	126	ATG	TAA	0	0	
mORF_-_3007297	3007297	3007311	-	5	15	TTG	TGA	0	0	
mORF_-_3007367	3007367	3007423	-	6	57	TTG	TGA	0	0	
mORF_-_3007375	3007375	3007395	-	5	21	GTG	TAA	0	0	
mORF_-_3007446	3007446	3007463	-	4	18	TTG	TAA	0	0	
mORF_-_3007472	3007472	3007672	-	6	201	TTG	TAA	0	0	
mORF_-_3007522	3007522	3007569	-	5	48	TTG	TGA	0	0	
mORF_-_3007566	3007566	3007751	-	4	186	GTG	TGA	0	0	
mORF_-_3007663	3007663	3007710	-	5	48	TTG	TAG	0	0	
mORF_-_3007748	3007748	3007756	-	6	9	GTG	TGA	0	0	
mORF_-_3007759	3007759	3007830	-	5	72	TTG	TAA	0	0	
mORF_-_3007778	3007778	3007849	-	6	72	ATG	TAG	0	0	
mORF_-_3007827	3007827	3007937	-	4	111	GTG	TGA	0	0	
mORF_-_3007846	3007846	3007911	-	5	66	GTG	TGA	0	0	
mORF_-_3007856	3007856	3007864	-	6	9	ATG	TGA	0	0	
mORF_-_3007912	3007912	3007989	-	5	78	TTG	TAG	0	0	
mORF_-_3007934	3007934	3008008	-	6	75	GTG	TGA	0	0	
mORF_-_3007998	3007998	3008189	-	4	192	GTG	TAA	0	0	
mORF_-_3008005	3008005	3008328	-	5	324	ATG	TGA	0	0	
mORF_-_3008196	3008196	3008318	-	4	123	ATG	TAA	0	0	
mORF_-_3008276	3008276	3008314	-	6	39	TTG	TAA	0	0	
mORF_-_3008318	3008318	3008344	-	6	27	TTG	TAA	0	0	
mORF_-_3008356	3008356	3008448	-	5	93	GTG	TAA	0	0	
mORF_-_3008385	3008385	3008408	-	4	24	ATG	TAA	0	0	
mORF_-_3008421	3008421	3008441	-	4	21	ATG	TGA	0	0	
mORF_-_3008441	3008441	3008452	-	6	12	TTG	TAA	0	0	
mORF_-_3008509	3008509	3008520	-	5	12	TTG	TAA	0	0	
mORF_-_3008517	3008517	3008624	-	4	108	TTG	TGA	0	0	
mORF_-_3008528	3008528	3008554	-	6	27	ATG	TGA	0	0	
mORF_-_3008554	3008554	3008595	-	5	42	GTG	TAA	0	0	
mORF_-_3008650	3008650	3008766	-	5	117	GTG	TAA	0	0	
mORF_-_3008667	3008667	3008717	-	4	51	ATG	TGA	0	0	
mORF_-_3008720	3008720	3008731	-	6	12	GTG	TAA	0	0	
mORF_-_3008771	3008771	3008845	-	6	75	GTG	TAG	0	0	
mORF_-_3008779	3008779	3009021	-	5	243	TTG	TAA	0	0	
mORF_-_3008871	3008871	3008954	-	4	84	ATG	TAA	0	0	
mORF_-_3008903	3008903	3008911	-	6	9	GTG	TAA	0	0	
mORF_-_3008954	3008954	3008983	-	6	30	TTG	TGA	0	0	
mORF_-_3008988	3008988	3008996	-	4	9	GTG	TGA	0	0	
mORF_-_3009009	3009009	3009080	-	4	72	ATG	TGA	1	3	pORF_-_3009009
mORF_-_3009038	3009038	3009154	-	6	117	TTG	TGA	0	0	
mORF_-_3009142	3009142	3009186	-	5	45	TTG	TAA	0	0	
mORF_-_3009196	3009196	3009273	-	5	78	GTG	TAA	0	0	
mORF_-_3009227	3009227	3009295	-	6	69	ATG	TAA	0	0	
mORF_-_3009255	3009255	3009278	-	4	24	TTG	TGA	0	0	
mORF_-_3009312	3009312	3009410	-	4	99	TTG	TGA	0	0	
mORF_-_3009334	3009334	3009459	-	5	126	TTG	TAA	0	0	
mORF_-_3009371	3009371	3009463	-	6	93	TTG	TAA	0	0	
mORF_-_3009450	3009450	3009545	-	4	96	TTG	TAG	0	0	
mORF_-_3009562	3009562	3009576	-	5	15	TTG	TAA	0	0	
mORF_-_3009569	3009569	3009616	-	6	48	GTG	TGA	0	0	
mORF_-_3009585	3009585	3009686	-	4	102	GTG	TAA	0	0	
mORF_-_3009617	3009617	3009643	-	6	27	ATG	TGA	0	0	
mORF_-_3009646	3009646	3009720	-	5	75	ATG	TAA	0	0	
mORF_-_3009740	3009740	3009787	-	6	48	ATG	TAA	0	0	
mORF_-_3009747	3009747	3009752	-	4	6	TTG	TAG	0	0	
mORF_-_3009759	3009759	3010082	-	4	324	ATG	TAA	0	0	
mORF_-_3009787	3009787	3009804	-	5	18	TTG	TAA	0	0	

mORF_-_3009815	3009815	3009862	-	6	48	TTG	TGA	0	0	
mORF_-_3009832	3009832	3009846	-	5	15	ATG	TAG	0	0	
mORF_-_3009880	3009880	3009972	-	5	93	TTG	TAA	0	0	
mORF_-_3009917	3009917	3009922	-	6	6	GTG	TAA	0	0	
mORF_-_3009947	3009947	3009988	-	6	42	ATG	TAG	0	0	
mORF_-_3010025	3010025	3010192	-	6	168	ATG	TGA	0	0	
mORF_-_3010192	3010192	3010236	-	5	45	ATG	TAA	0	0	
mORF_-_3010236	3010236	3010271	-	4	36	ATG	TAA	0	0	
mORF_-_3010268	3010268	3010390	-	6	123	TTG	TGA	0	0	
mORF_-_3010294	3010294	3010347	-	5	54	GTG	TAG	0	0	
mORF_-_3010409	3010409	3010540	-	6	132	TTG	TGA	0	0	
mORF_-_3010417	3010417	3010449	-	5	33	TTG	TAA	0	0	
mORF_-_3010456	3010456	3010635	-	5	180	ATG	TGA	0	0	
mORF_-_3010509	3010509	3010514	-	4	6	TTG	TAG	0	0	
mORF_-_3010527	3010527	3010571	-	4	45	ATG	TGA	0	0	
mORF_-_3010571	3010571	3010621	-	6	51	ATG	TGA	0	0	
mORF_-_3010636	3010636	3012261	-	5	1626	ATG	TAA	2	6	pORF_-_3010636
mORF_-_3010692	3010692	3010799	-	4	108	TTG	TAA	0	0	
mORF_-_3010818	3010818	3010829	-	4	12	GTG	TGA	0	0	
mORF_-_3010842	3010842	3010880	-	4	39	TTG	TGA	0	0	
mORF_-_3010865	3010865	3011014	-	6	150	TTG	TGA	0	0	
mORF_-_3010881	3010881	3010886	-	4	6	ATG	TGA	0	0	
mORF_-_3010914	3010914	3010949	-	4	36	GTG	TGA	0	0	
mORF_-_3010953	3010953	3011012	-	4	60	GTG	TGA	0	0	
mORF_-_3011025	3011025	3011060	-	4	36	TTG	TGA	0	0	
mORF_-_3011057	3011057	3011176	-	6	120	TTG	TGA	0	0	
mORF_-_3011061	3011061	3011102	-	4	42	TTG	TAA	0	0	
mORF_-_3011184	3011184	3011195	-	4	12	TTG	TGA	0	0	
mORF_-_3011192	3011192	3011344	-	6	153	TTG	TGA	0	0	
mORF_-_3011301	3011301	3011330	-	4	30	TTG	TGA	0	0	
mORF_-_3011379	3011379	3011438	-	4	60	GTG	TGA	0	0	
mORF_-_3011487	3011487	3011495	-	4	9	GTG	TGA	0	0	
mORF_-_3011511	3011511	3011567	-	4	57	GTG	TGA	0	0	
mORF_-_3011568	3011568	3011744	-	4	177	TTG	TAG	0	0	
mORF_-_3011627	3011627	3011686	-	6	60	ATG	TGA	0	0	
mORF_-_3011745	3011745	3011882	-	4	138	TTG	TGA	0	0	
mORF_-_3011879	3011879	3011998	-	6	120	TTG	TGA	0	0	
mORF_-_3011886	3011886	3011900	-	4	15	GTG	TAG	0	0	
mORF_-_3011907	3011907	3011936	-	4	30	TTG	TAG	0	0	
mORF_-_3011937	3011937	3012089	-	4	153	TTG	TGA	0	0	
mORF_-_3012090	3012090	3012140	-	4	51	ATG	TGA	0	0	
mORF_-_3012150	3012150	3012212	-	4	63	TTG	TAG	0	0	
mORF_-_3012191	3012191	3012220	-	6	30	TTG	TGA	0	0	
mORF_-_3012258	3012258	3012272	-	4	15	TTG	TGA	0	0	
mORF_-_3012309	3012309	3013079	-	4	771	GTG	TAG	1	2	pORF_-_3012309
mORF_-_3012314	3012314	3012319	-	6	6	TTG	TGA	0	0	
mORF_-_3012371	3012371	3012514	-	6	144	TTG	TAG	0	0	
mORF_-_3012424	3012424	3012429	-	5	6	ATG	TGA	0	0	
mORF_-_3012442	3012442	3012465	-	5	24	TTG	TAA	0	0	
mORF_-_3012524	3012524	3012541	-	6	18	ATG	TGA	0	0	
mORF_-_3012548	3012548	3012589	-	6	42	ATG	TAA	0	0	
mORF_-_3012562	3012562	3012666	-	5	105	TTG	TGA	0	0	
mORF_-_3012629	3012629	3012637	-	6	9	TTG	TGA	0	0	
mORF_-_3012638	3012638	3012679	-	6	42	ATG	TGA	0	0	
mORF_-_3012689	3012689	3012721	-	6	33	TTG	TAA	0	0	
mORF_-_3012728	3012728	3012871	-	6	144	GTG	TAA	0	0	
mORF_-_3012733	3012733	3012738	-	5	6	GTG	TGA	0	0	
mORF_-_3012760	3012760	3012822	-	5	63	TTG	TGA	0	0	
mORF_-_3012929	3012929	3013006	-	6	78	TTG	TAA	0	0	
mORF_-_3012946	3012946	3012972	-	5	27	TTG	TAG	0	0	
mORF_-_3013013	3013013	3013036	-	6	24	GTG	TGA	0	0	
mORF_-_3013037	3013037	3013045	-	6	9	TTG	TAG	0	0	
mORF_-_3013049	3013049	3013066	-	6	18	TTG	TAG	0	0	

mORF_-_3013063	3013063	3013116	-	5	54	TTG	TGA	0	0
mORF_-_3013118	3013118	3013141	-	6	24	TTG	TAA	0	0
mORF_-_3013145	3013145	3013330	-	6	186	GTG	TGA	0	0
mORF_-_3013204	3013204	3013284	-	5	81	TTG	TAA	0	0
mORF_-_3013224	3013224	3013238	-	4	15	TTG	TGA	0	0
mORF_-_3013323	3013323	3013394	-	4	72	GTG	TAA	0	0
mORF_-_3013361	3013361	3013384	-	6	24	GTG	TAA	0	0
mORF_-_3013387	3013387	3013425	-	5	39	ATG	TAA	0	0
mORF_-_3013391	3013391	3013396	-	6	6	TTG	TGA	0	0
mORF_-_3013403	3013403	3013636	-	6	234	TTG	TAA	0	0
mORF_-_3013419	3013419	3013478	-	4	60	GTG	TAG	0	0
mORF_-_3013471	3013471	3013491	-	5	21	TTG	TGA	0	0
mORF_-_3013510	3013510	3013614	-	5	105	TTG	TAA	0	0
mORF_-_3013527	3013527	3013577	-	4	51	ATG	TAA	0	0
mORF_-_3013590	3013590	3013667	-	4	78	ATG	TGA	0	0
mORF_-_3013630	3013630	3013650	-	5	21	GTG	TGA	0	0
mORF_-_3013770	3013770	3013817	-	4	48	ATG	TAA	0	0
mORF_-_3013784	3013784	3013807	-	6	24	GTG	TGA	0	0
mORF_-_3013792	3013792	3013833	-	5	42	GTG	TAA	0	0
mORF_-_3013814	3013814	3013906	-	6	93	ATG	TGA	0	0
mORF_-_3013830	3013830	3013874	-	4	45	TTG	TGA	0	0
mORF_-_3013896	3013896	3013925	-	4	30	ATG	TAA	0	0
mORF_-_3013903	3013903	3013929	-	5	27	GTG	TGA	0	0
mORF_-_3013922	3013922	3013990	-	6	69	TTG	TGA	0	0
mORF_-_3013926	3013926	3013931	-	4	6	TTG	TGA	0	0
mORF_-_3013939	3013939	3013959	-	5	21	GTG	TAA	0	0
mORF_-_3013956	3013956	3013961	-	4	6	ATG	TGA	0	0
mORF_-_3014010	3014010	3014048	-	4	39	GTG	TAG	0	0
mORF_-_3014018	3014018	3014041	-	6	24	GTG	TAG	0	0
mORF_-_3014035	3014035	3014052	-	5	18	TTG	TGA	0	0
mORF_-_3014045	3014045	3014131	-	6	87	ATG	TGA	0	0
mORF_-_3014049	3014049	3014153	-	4	105	TTG	TGA	0	0
mORF_-_3014092	3014092	3014193	-	5	102	GTG	TAA	0	0
mORF_-_3014157	3014157	3014180	-	4	24	TTG	TGA	0	0
mORF_-_3014186	3014186	3014518	-	6	333	ATG	TAA	0	0
mORF_-_3014190	3014190	3014282	-	4	93	TTG	TGA	0	0
mORF_-_3014325	3014325	3014624	-	4	300	TTG	TAG	0	0
mORF_-_3014537	3014537	3014587	-	6	51	TTG	TAA	0	0
mORF_-_3014578	3014578	3014664	-	5	87	ATG	TGA	0	0
mORF_-_3014621	3014621	3014797	-	6	177	ATG	TGA	0	0
mORF_-_3014667	3014667	3014708	-	4	42	TTG	TAA	0	0
mORF_-_3014712	3014712	3014783	-	4	72	ATG	TAA	0	0
mORF_-_3014804	3014804	3014833	-	6	30	GTG	TAG	0	0
mORF_-_3014845	3014845	3014931	-	5	87	ATG	TAA	0	0
mORF_-_3014906	3014906	3014911	-	6	6	ATG	TAA	0	0
mORF_-_3014928	3014928	3014957	-	4	30	TTG	TGA	0	0
mORF_-_3014936	3014936	3015163	-	6	228	ATG	TGA	0	0
mORF_-_3014944	3014944	3015006	-	5	63	GTG	TGA	0	0
mORF_-_3015046	3015046	3015063	-	5	18	GTG	TGA	0	0
mORF_-_3015232	3015232	3015240	-	5	9	TTG	TAG	0	0
mORF_-_3015263	3015263	3015382	-	6	120	GTG	TAG	0	0
mORF_-_3015273	3015273	3015326	-	4	54	ATG	TAA	0	0
mORF_-_3015366	3015366	3015707	-	4	342	GTG	TAA	0	0
mORF_-_3015446	3015446	3015502	-	6	57	ATG	TAG	0	0
mORF_-_3015524	3015524	3015547	-	6	24	ATG	TAG	0	0
mORF_-_3015548	3015548	3015574	-	6	27	ATG	TAG	0	0
mORF_-_3015574	3015574	3015729	-	5	156	GTG	TAA	0	0
mORF_-_3015593	3015593	3015610	-	6	18	TTG	TGA	0	0
mORF_-_3015626	3015626	3015709	-	6	84	TTG	TAA	0	0
mORF_-_3015726	3015726	3015803	-	4	78	ATG	TGA	0	0
mORF_-_3015779	3015779	3015859	-	6	81	ATG	TAA	0	0
mORF_-_3015856	3015856	3016068	-	5	213	GTG	TGA	0	0
mORF_-_3015885	3015885	3015920	-	4	36	GTG	TAA	0	0

mORF_-_3015917	3015917	3015961	-	6	45	ATG	TGA	0	0	
mORF_-_3015969	3015969	3016052	-	4	84	TTG	TAA	0	0	
mORF_-_3015989	3015989	3016147	-	6	159	GTG	TAG	0	0	
mORF_-_3016065	3016065	3016121	-	4	57	ATG	TGA	0	0	
mORF_-_3016105	3016105	3016239	-	5	135	ATG	TGA	0	0	
mORF_-_3016208	3016208	3016678	-	6	471	TTG	TAA	0	0	
mORF_-_3016221	3016221	3016268	-	4	48	GTG	TAG	0	0	
mORF_-_3016326	3016326	3017051	-	4	726	TTG	TAA	0	0	
mORF_-_3016339	3016339	3016407	-	5	69	GTG	TAA	0	0	
mORF_-_3016543	3016543	3016572	-	5	30	ATG	TAA	0	0	
mORF_-_3016694	3016694	3016720	-	6	27	GTG	TGA	0	0	
mORF_-_3016787	3016787	3016840	-	6	54	ATG	TAG	0	0	
mORF_-_3016889	3016889	3016909	-	6	21	TTG	TAA	0	0	
mORF_-_3016916	3016916	3017077	-	6	162	TTG	TGA	0	0	
mORF_-_3017061	3017061	3017153	-	4	93	ATG	TAA	0	0	
mORF_-_3017081	3017081	3017128	-	6	48	ATG	TGA	0	0	
mORF_-_3017086	3017086	3017100	-	5	15	GTG	TAA	0	0	
mORF_-_3017128	3017128	3017256	-	5	129	ATG	TGA	0	0	
mORF_-_3017202	3017202	3017228	-	4	27	TTG	TGA	0	0	
mORF_-_3017216	3017216	3017374	-	6	159	ATG	TAG	0	0	
mORF_-_3017302	3017302	3017370	-	5	69	TTG	TAG	0	0	
mORF_-_3017377	3017377	3017433	-	5	57	ATG	TAA	0	0	
mORF_-_3017400	3017400	3017408	-	4	9	TTG	TAA	0	0	
mORF_-_3017430	3017430	3017438	-	4	9	TTG	TGA	0	0	
mORF_-_3017435	3017435	3017560	-	6	126	ATG	TGA	0	0	
mORF_-_3017526	3017526	3017543	-	4	18	ATG	TAA	0	0	
mORF_-_3017547	3017547	3017609	-	4	63	ATG	TAA	0	0	
mORF_-_3017554	3017554	3017703	-	5	150	ATG	TGA	0	0	
mORF_-_3017612	3017612	3017974	-	6	363	ATG	TAA	0	0	
mORF_-_3017670	3017670	3017768	-	4	99	GTG	TGA	0	0	
mORF_-_3017779	3017779	3017841	-	5	63	GTG	TGA	0	0	
mORF_-_3017790	3017790	3017927	-	4	138	GTG	TAA	0	0	
mORF_-_3017896	3017896	3017958	-	5	63	TTG	TGA	0	0	
mORF_-_3017971	3017971	3018012	-	5	42	TTG	TGA	0	0	
mORF_-_3018005	3018005	3018037	-	6	33	ATG	TAG	0	0	
mORF_-_3018009	3018009	3018050	-	4	42	TTG	TGA	0	0	
mORF_-_3018013	3018013	3018060	-	5	48	TTG	TGA	0	0	
mORF_-_3018047	3018047	3018169	-	6	123	ATG	TGA	1	3	pORF_-_3018047
mORF_-_3018070	3018070	3018075	-	5	6	TTG	TAG	0	0	
mORF_-_3018079	3018079	3018246	-	5	168	TTG	TGA	0	0	
mORF_-_3018280	3018280	3018300	-	5	21	ATG	TAA	0	0	
mORF_-_3018293	3018293	3018352	-	6	60	ATG	TAA	0	0	
mORF_-_3018307	3018307	3018339	-	5	33	TTG	TAA	0	0	
mORF_-_3018371	3018371	3018460	-	6	90	TTG	TGA	0	0	
mORF_-_3018382	3018382	3018399	-	5	18	TTG	TGA	0	0	
mORF_-_3018424	3018424	3018450	-	5	27	ATG	TGA	0	0	
mORF_-_3018429	3018429	3018509	-	4	81	ATG	TAA	0	0	
mORF_-_3018451	3018451	3018573	-	5	123	TTG	TAA	0	0	
mORF_-_3018621	3018621	3018701	-	4	81	ATG	TAG	0	0	
mORF_-_3018668	3018668	3018784	-	6	117	GTG	TAG	0	0	
mORF_-_3018800	3018800	3018994	-	6	195	ATG	TAA	0	0	
mORF_-_3018841	3018841	3018849	-	5	9	ATG	TGA	0	0	
mORF_-_3018858	3018858	3018953	-	4	96	TTG	TGA	0	0	
mORF_-_3018978	3018978	3019055	-	4	78	TTG	TAG	0	0	
mORF_-_3019058	3019058	3019204	-	6	147	GTG	TAA	0	0	
mORF_-_3019068	3019068	3019229	-	4	162	ATG	TGA	0	0	
mORF_-_3019078	3019078	3019317	-	5	240	TTG	TAA	0	0	
mORF_-_3019272	3019272	3019349	-	4	78	GTG	TAG	0	0	
mORF_-_3019277	3019277	3019345	-	6	69	ATG	TGA	0	0	
mORF_-_3019370	3019370	3019573	-	6	204	TTG	TGA	0	0	
mORF_-_3019377	3019377	3019433	-	4	57	GTG	TAG	0	0	
mORF_-_3019417	3019417	3019482	-	5	66	TTG	TAA	0	0	
mORF_-_3019519	3019519	3019605	-	5	87	TTG	TAA	0	0	

mORF_-_3019584	3019584	3019757	-	4	174	TTG	TAA	0	0
mORF_-_3019634	3019634	3019684	-	6	51	ATG	TAA	0	0
mORF_-_3019663	3019663	3019692	-	5	30	GTG	TGA	0	0
mORF_-_3019763	3019763	3019852	-	6	90	ATG	TGA	0	0
mORF_-_3019768	3019768	3019788	-	5	21	GTG	TGA	0	0
mORF_-_3019842	3019842	3019862	-	4	21	ATG	TAG	0	0
mORF_-_3019907	3019907	3019945	-	6	39	ATG	TAG	0	0
mORF_-_3019945	3019945	3019977	-	5	33	GTG	TAA	0	0
mORF_-_3019953	3019953	3019988	-	4	36	ATG	TAA	0	0
mORF_-_3019985	3019985	3020002	-	6	18	TTG	TGA	0	0
mORF_-_3020013	3020013	3020042	-	4	30	GTG	TAA	0	0
mORF_-_3020035	3020035	3020196	-	5	162	GTG	TAA	0	0
mORF_-_3020078	3020078	3020125	-	6	48	TTG	TGA	0	0
mORF_-_3020097	3020097	3020429	-	4	333	ATG	TGA	0	0
mORF_-_3020135	3020135	3020401	-	6	267	TTG	TGA	0	0
mORF_-_3020227	3020227	3020256	-	5	30	TTG	TAA	0	0
mORF_-_3020426	3020426	3020473	-	6	48	ATG	TGA	0	0
mORF_-_3020470	3020470	3020523	-	5	54	GTG	TGA	0	0
mORF_-_3020483	3020483	3020623	-	6	141	ATG	TAG	0	0
mORF_-_3020490	3020490	3020591	-	4	102	GTG	TGA	0	0
mORF_-_3020560	3020560	3020586	-	5	27	ATG	TAA	0	0
mORF_-_3020592	3020592	3020891	-	4	300	GTG	TAA	0	0
mORF_-_3020639	3020639	3020689	-	6	51	ATG	TGA	0	0
mORF_-_3020647	3020647	3020718	-	5	72	TTG	TAA	0	0
mORF_-_3020750	3020750	3020782	-	6	33	GTG	TAG	0	0
mORF_-_3020789	3020789	3020872	-	6	84	GTG	TGA	0	0
mORF_-_3020809	3020809	3020895	-	5	87	GTG	TGA	0	0
mORF_-_3020879	3020879	3020971	-	6	93	GTG	TAA	0	0
mORF_-_3020965	3020965	3021021	-	5	57	GTG	TGA	0	0
mORF_-_3020975	3020975	3020986	-	6	12	ATG	TAG	0	0
mORF_-_3021011	3021011	3021046	-	6	36	ATG	TAA	0	0
mORF_-_3021040	3021040	3021051	-	5	12	ATG	TGA	0	0
mORF_-_3021072	3021072	3021236	-	4	165	TTG	TAA	0	0
mORF_-_3021094	3021094	3021246	-	5	153	GTG	TAA	0	0
mORF_-_3021215	3021215	3021298	-	6	84	ATG	TGA	0	0
mORF_-_3021243	3021243	3021491	-	4	249	ATG	TGA	0	0
mORF_-_3021326	3021326	3021364	-	6	39	GTG	TGA	0	0
mORF_-_3021367	3021367	3021453	-	5	87	GTG	TAA	0	0
mORF_-_3021469	3021469	3021639	-	5	171	TTG	TAA	0	0
mORF_-_3021570	3021570	3021695	-	4	126	ATG	TAG	0	0
mORF_-_3021629	3021629	3021712	-	6	84	GTG	TGA	0	0
mORF_-_3021673	3021673	3021726	-	5	54	GTG	TAA	0	0
mORF_-_3021743	3021743	3021805	-	6	63	GTG	TAA	0	0
mORF_-_3021748	3021748	3021780	-	5	33	TTG	TGA	0	0
mORF_-_3021799	3021799	3021861	-	5	63	GTG	TGA	0	0
mORF_-_3021836	3021836	3021868	-	6	33	TTG	TAG	0	0
mORF_-_3021876	3021876	3021962	-	4	87	GTG	TAA	0	0
mORF_-_3021893	3021893	3021943	-	6	51	ATG	TAG	0	0
mORF_-_3021940	3021940	3021996	-	5	57	GTG	TGA	0	0
mORF_-_3021978	3021978	3022133	-	4	156	GTG	TAA	0	0
mORF_-_3021986	3021986	3022012	-	6	27	ATG	TAA	0	0
mORF_-_3022120	3022120	3022140	-	5	21	ATG	TAG	0	0
mORF_-_3022130	3022130	3022189	-	6	60	GTG	TGA	0	0
mORF_-_3022152	3022152	3022166	-	4	15	ATG	TAA	0	0
mORF_-_3022168	3022168	3022173	-	5	6	GTG	TGA	0	0
mORF_-_3022256	3022256	3022294	-	6	39	TTG	TAG	0	0
mORF_-_3022291	3022291	3022311	-	5	21	TTG	TGA	0	0
mORF_-_3022337	3022337	3022465	-	6	129	ATG	TGA	0	0
mORF_-_3022438	3022438	3022458	-	5	21	ATG	TGA	0	0
mORF_-_3022458	3022458	3022541	-	4	84	TTG	TAA	0	0
mORF_-_3022557	3022557	3022637	-	4	81	TTG	TAG	0	0
mORF_-_3022592	3022592	3022597	-	6	6	TTG	TAA	0	0
mORF_-_3022606	3022606	3022614	-	5	9	ATG	TAG	0	0

mORF_-_3022639	3022639	3022692	-	5	54	ATG	TGA	0	0	
mORF_-_3022647	3022647	3022658	-	4	12	ATG	TGA	0	0	
mORF_-_3022655	3022655	3022711	-	6	57	GTG	TGA	0	0	
mORF_-_3022708	3022708	3022725	-	5	18	ATG	TGA	0	0	
mORF_-_3022722	3022722	3022781	-	4	60	ATG	TGA	0	0	
mORF_-_3022792	3022792	3022923	-	5	132	TTG	TAG	0	0	
mORF_-_3022850	3022850	3022933	-	6	84	ATG	TAA	0	0	
mORF_-_3022924	3022924	3023019	-	5	96	ATG	TAA	0	0	
mORF_-_3022974	3022974	3023045	-	4	72	ATG	TAA	0	0	
mORF_-_3023035	3023035	3023118	-	5	84	TTG	TAG	0	0	
mORF_-_3023093	3023093	3023143	-	6	51	ATG	TAA	0	0	
mORF_-_3023143	3023143	3023163	-	5	21	GTG	TGA	0	0	
mORF_-_3023167	3023167	3023235	-	5	69	ATG	TAA	0	0	
mORF_-_3023202	3023202	3023216	-	4	15	TTG	TGA	0	0	
mORF_-_3023251	3023251	3023334	-	5	84	GTG	TGA	0	0	
mORF_-_3023298	3023298	3023327	-	4	30	ATG	TAA	0	0	
mORF_-_3023327	3023327	3023344	-	6	18	TTG	TAA	0	0	
mORF_-_3023355	3023355	3023381	-	4	27	GTG	TAA	0	0	
mORF_-_3023383	3023383	3023577	-	5	195	GTG	TAA	0	0	
mORF_-_3023451	3023451	3023486	-	4	36	TTG	TGA	0	0	
mORF_-_3023535	3023535	3023564	-	4	30	GTG	TGA	0	0	
mORF_-_3023748	3023748	3023912	-	4	165	ATG	TAA	0	0	
mORF_-_3023753	3023753	3023788	-	6	36	TTG	TGA	0	0	
mORF_-_3023794	3023794	3023805	-	5	12	GTG	TGA	0	0	
mORF_-_3023905	3023905	3024102	-	5	198	GTG	TAA	0	0	
mORF_-_3023912	3023912	3024031	-	6	120	GTG	TAA	0	0	
mORF_-_3023961	3023961	3023978	-	4	18	ATG	TGA	0	0	
mORF_-_3023991	3023991	3024002	-	4	12	TTG	TAG	0	0	
mORF_-_3024066	3024066	3024104	-	4	39	GTG	TAG	0	0	
mORF_-_3024123	3024123	3024215	-	4	93	GTG	TAA	0	0	
mORF_-_3024178	3024178	3024378	-	5	201	GTG	TAA	0	0	
mORF_-_3024258	3024258	3024305	-	4	48	TTG	TGA	0	0	
mORF_-_3024263	3024263	3024310	-	6	48	GTG	TGA	0	0	
mORF_-_3024315	3024315	3024329	-	4	15	GTG	TAA	0	0	
mORF_-_3024345	3024345	3024512	-	4	168	TTG	TGA	0	0	
mORF_-_3024404	3024404	3024430	-	6	27	ATG	TAA	0	0	
mORF_-_3024427	3024427	3024624	-	5	198	ATG	TGA	0	0	
mORF_-_3024612	3024612	3024692	-	4	81	TTG	TGA	0	0	
mORF_-_3024696	3024696	3024794	-	4	99	ATG	TAA	0	0	
mORF_-_3024712	3024712	3024831	-	5	120	TTG	TAA	0	0	
mORF_-_3024716	3024716	3024733	-	6	18	ATG	TGA	0	0	
mORF_-_3024788	3024788	3024856	-	6	69	ATG	TGA	1	2	pORF_-_3024788
mORF_-_3024816	3024816	3024821	-	4	6	TTG	TAG	0	0	
mORF_-_3024832	3024832	3024837	-	5	6	TTG	TAA	0	0	
mORF_-_3024867	3024867	3024974	-	4	108	GTG	TAA	0	0	
mORF_-_3024993	3024993	3025022	-	4	30	TTG	TAG	0	0	
mORF_-_3025062	3025062	3025070	-	4	9	GTG	TAG	0	0	
mORF_-_3025071	3025071	3025103	-	4	33	TTG	TAG	0	0	
mORF_-_3025104	3025104	3025124	-	4	21	ATG	TAG	0	0	
mORF_-_3025118	3025118	3025156	-	6	39	ATG	TAA	0	0	
mORF_-_3025141	3025141	3025185	-	5	45	GTG	TAA	0	0	
mORF_-_3025158	3025158	3025163	-	4	6	TTG	TAG	0	0	
mORF_-_3025238	3025238	3025276	-	6	39	ATG	TGA	0	0	
mORF_-_3025280	3025280	3025531	-	6	252	ATG	TAA	0	0	
mORF_-_3025389	3025389	3025472	-	4	84	TTG	TAA	0	0	
mORF_-_3025396	3025396	3025407	-	5	12	TTG	TAG	0	0	
mORF_-_3025441	3025441	3025449	-	5	9	ATG	TAA	0	0	
mORF_-_3025474	3025474	3025491	-	5	18	GTG	TAA	0	0	
mORF_-_3025560	3025560	3025589	-	4	30	GTG	TAA	0	0	
mORF_-_3025586	3025586	3025987	-	6	402	ATG	TGA	0	0	
mORF_-_3025789	3025789	3025797	-	5	9	TTG	TAA	0	0	
mORF_-_3025804	3025804	3025860	-	5	57	TTG	TGA	0	0	
mORF_-_3025812	3025812	3025841	-	4	30	GTG	TAA	0	0	

mORF_-_3025906	3025906	3025950	-	5	45	ATG	TAA	0	0	
mORF_-_3026003	3026003	3026050	-	6	48	TTG	TGA	0	0	
mORF_-_3026038	3026038	3026250	-	5	213	GTG	TGA	0	0	
mORF_-_3026237	3026237	3026464	-	6	228	ATG	TAA	0	0	
mORF_-_3026280	3026280	3026438	-	4	159	TTG	TAA	0	0	
mORF_-_3026383	3026383	3026427	-	5	45	GTG	TAA	0	0	
mORF_-_3026464	3026464	3026676	-	5	213	GTG	TAA	0	0	
mORF_-_3026546	3026546	3027037	-	6	492	GTG	TGA	0	0	
mORF_-_3026607	3026607	3026639	-	4	33	TTG	TGA	0	0	
mORF_-_3026673	3026673	3026849	-	4	177	TTG	TGA	0	0	
mORF_-_3026689	3026689	3026694	-	5	6	TTG	TGA	0	0	
mORF_-_3026734	3026734	3026775	-	5	42	TTG	TGA	0	0	
mORF_-_3026818	3026818	3026862	-	5	45	GTG	TGA	0	0	
mORF_-_3026859	3026859	3026873	-	4	15	GTG	TGA	0	0	
mORF_-_3026875	3026875	3026886	-	5	12	GTG	TGA	0	0	
mORF_-_3026911	3026911	3026937	-	5	27	ATG	TGA	0	0	
mORF_-_3026938	3026938	3026970	-	5	33	GTG	TGA	0	0	
mORF_-_3026974	3026974	3026997	-	5	24	TTG	TAG	0	0	
mORF_-_3026979	3026979	3026984	-	4	6	TTG	TGA	0	0	
mORF_-_3027012	3027012	3027053	-	4	42	TTG	TAA	0	0	
mORF_-_3027034	3027034	3028968	-	5	1935	ATG	TGA	3	0	pORF_-_3027034
mORF_-_3027060	3027060	3027143	-	4	84	TTG	TAA	0	0	
mORF_-_3027153	3027153	3027188	-	4	36	GTG	TGA	0	0	
mORF_-_3027185	3027185	3027208	-	6	24	ATG	TGA	0	0	
mORF_-_3027198	3027198	3027266	-	4	69	TTG	TGA	0	0	
mORF_-_3027218	3027218	3027241	-	6	24	GTG	TAA	0	0	
mORF_-_3027276	3027276	3027299	-	4	24	TTG	TGA	0	0	
mORF_-_3027312	3027312	3027353	-	4	42	GTG	TAG	0	0	
mORF_-_3027384	3027384	3027503	-	4	120	GTG	TAA	0	0	
mORF_-_3027401	3027401	3027406	-	6	6	TTG	TGA	0	0	
mORF_-_3027500	3027500	3027559	-	6	60	TTG	TGA	0	0	
mORF_-_3027519	3027519	3027578	-	4	60	GTG	TGA	0	0	
mORF_-_3027669	3027669	3027710	-	4	42	ATG	TGA	0	0	
mORF_-_3027729	3027729	3027767	-	4	39	ATG	TGA	0	0	
mORF_-_3027777	3027777	3027812	-	4	36	GTG	TAA	0	0	
mORF_-_3027864	3027864	3027902	-	4	39	TTG	TAA	0	0	
mORF_-_3027906	3027906	3027980	-	4	75	GTG	TGA	0	0	
mORF_-_3027974	3027974	3027982	-	6	9	GTG	TGA	0	0	
mORF_-_3027984	3027984	3028007	-	4	24	TTG	TAG	0	0	
mORF_-_3028008	3028008	3028049	-	4	42	ATG	TGA	0	0	
mORF_-_3028100	3028100	3028141	-	6	42	ATG	TAA	0	0	
mORF_-_3028131	3028131	3028454	-	4	324	GTG	TGA	0	0	
mORF_-_3028148	3028148	3028213	-	6	66	TTG	TGA	0	0	
mORF_-_3028274	3028274	3028288	-	6	15	TTG	TAA	0	0	
mORF_-_3028301	3028301	3028318	-	6	18	TTG	TAA	0	0	
mORF_-_3028337	3028337	3028369	-	6	33	TTG	TGA	0	0	
mORF_-_3028535	3028535	3028570	-	6	36	TTG	TAA	0	0	
mORF_-_3028545	3028545	3028691	-	4	147	TTG	TGA	0	0	
mORF_-_3028607	3028607	3028621	-	6	15	ATG	TAA	0	0	
mORF_-_3028646	3028646	3028678	-	6	33	ATG	TGA	0	0	
mORF_-_3028682	3028682	3028696	-	6	15	ATG	TAA	0	0	
mORF_-_3028734	3028734	3028772	-	4	39	ATG	TGA	0	0	
mORF_-_3028742	3028742	3028765	-	6	24	TTG	TAA	0	0	
mORF_-_3028818	3028818	3028847	-	4	30	GTG	TAG	0	0	
mORF_-_3028854	3028854	3028907	-	4	54	ATG	TGA	0	0	
mORF_-_3028898	3028898	3028921	-	6	24	ATG	TGA	0	0	
mORF_-_3028914	3028914	3028940	-	4	27	TTG	TAG	0	0	
mORF_-_3028946	3028946	3029029	-	6	84	ATG	TAA	0	0	
mORF_-_3028977	3028977	3029015	-	4	39	ATG	TAA	0	0	
mORF_-_3028987	3028987	3029004	-	5	18	TTG	TGA	0	0	
mORF_-_3029041	3029041	3029079	-	5	39	TTG	TAA	0	0	
mORF_-_3029081	3029081	3029116	-	6	36	TTG	TAG	0	0	
mORF_-_3029095	3029095	3029106	-	5	12	ATG	TAA	0	0	

mORF_-_3029142	3029142	3029162	-	4	21	ATG	TAA	0	0	
mORF_-_3029173	3029173	3029232	-	5	60	ATG	TAA	0	0	
mORF_-_3029184	3029184	3029213	-	4	30	ATG	TGA	0	0	
mORF_-_3029229	3029229	3029876	-	4	648	ATG	TGA	1	2	pORF_-_3029229
mORF_-_3029242	3029242	3029271	-	5	30	TTG	TAA	0	0	
mORF_-_3029281	3029281	3029310	-	5	30	GTG	TAG	0	0	
mORF_-_3029339	3029339	3029467	-	6	129	GTG	TAA	0	0	
mORF_-_3029359	3029359	3029409	-	5	51	TTG	TAA	0	0	
mORF_-_3029416	3029416	3029430	-	5	15	TTG	TGA	0	0	
mORF_-_3029464	3029464	3029499	-	5	36	GTG	TGA	0	0	
mORF_-_3029537	3029537	3029566	-	6	30	TTG	TAA	0	0	
mORF_-_3029618	3029618	3029623	-	6	6	ATG	TGA	0	0	
mORF_-_3029623	3029623	3029631	-	5	9	TTG	TAA	0	0	
mORF_-_3029675	3029675	3029707	-	6	33	TTG	TAA	0	0	
mORF_-_3029780	3029780	3029800	-	6	21	GTG	TGA	0	0	
mORF_-_3029801	3029801	3029833	-	6	33	GTG	TAA	0	0	
mORF_-_3029821	3029821	3029922	-	5	102	TTG	TAA	0	0	
mORF_-_3029937	3029937	3029981	-	4	45	ATG	TAA	0	0	
mORF_-_3029988	3029988	3030329	-	4	342	GTG	TAG	0	0	
mORF_-_3030071	3030071	3030100	-	6	30	ATG	TGA	0	0	
mORF_-_3030085	3030085	3030090	-	5	6	ATG	TAG	0	0	
mORF_-_3030191	3030191	3030220	-	6	30	GTG	TAA	0	0	
mORF_-_3030199	3030199	3030327	-	5	129	GTG	TGA	0	0	
mORF_-_3030260	3030260	3030295	-	6	36	TTG	TAA	0	0	
mORF_-_3030311	3030311	3030334	-	6	24	ATG	TAA	0	0	
mORF_-_3030331	3030331	3030375	-	5	45	ATG	TGA	0	0	
mORF_-_3030372	3030372	3030503	-	4	132	ATG	TGA	0	0	
mORF_-_3030404	3030404	3030433	-	6	30	TTG	TAA	0	0	
mORF_-_3030409	3030409	3030465	-	5	57	TTG	TAA	0	0	
mORF_-_3030487	3030487	3030618	-	5	132	GTG	TAG	0	0	
mORF_-_3030543	3030543	3030554	-	4	12	TTG	TAG	0	0	
mORF_-_3030558	3030558	3030563	-	4	6	TTG	TAA	0	0	
mORF_-_3030567	3030567	3030599	-	4	33	ATG	TAG	0	0	
mORF_-_3030615	3030615	3030671	-	4	57	ATG	TGA	0	0	
mORF_-_3030634	3030634	3030651	-	5	18	TTG	TAA	0	0	
mORF_-_3030658	3030658	3030732	-	5	75	ATG	TAG	0	0	
mORF_-_3030671	3030671	3030682	-	6	12	TTG	TAA	0	0	
mORF_-_3030729	3030729	3030809	-	4	81	TTG	TGA	0	0	
mORF_-_3030769	3030769	3030942	-	5	174	TTG	TAA	0	0	
mORF_-_3030900	3030900	3030920	-	4	21	TTG	TGA	0	0	
mORF_-_3030953	3030953	3030985	-	6	33	ATG	TAG	0	0	
mORF_-_3030961	3030961	3031044	-	5	84	TTG	TAA	0	0	
mORF_-_3031029	3031029	3031037	-	4	9	GTG	TGA	0	0	
mORF_-_3031045	3031045	3031101	-	5	57	GTG	TAA	0	0	
mORF_-_3031071	3031071	3031313	-	4	243	TTG	TAA	0	0	
mORF_-_3031103	3031103	3031159	-	6	57	GTG	TGA	0	0	
mORF_-_3031108	3031108	3031161	-	5	54	GTG	TAA	0	0	
mORF_-_3031177	3031177	3031221	-	5	45	TTG	TAA	0	0	
mORF_-_3031225	3031225	3031299	-	5	75	TTG	TAA	0	0	
mORF_-_3031229	3031229	3031258	-	6	30	ATG	TAA	0	0	
mORF_-_3031274	3031274	3031297	-	6	24	GTG	TAG	0	0	
mORF_-_3031376	3031376	3031456	-	6	81	GTG	TAG	0	0	
mORF_-_3031395	3031395	3031481	-	4	87	TTG	TAG	0	0	
mORF_-_3031471	3031471	3031506	-	5	36	TTG	TAA	0	0	
mORF_-_3031503	3031503	3031649	-	4	147	ATG	TGA	0	0	
mORF_-_3031528	3031528	3031533	-	5	6	GTG	TAA	0	0	
mORF_-_3031559	3031559	3031618	-	6	60	ATG	TGA	0	0	
mORF_-_3031609	3031609	3031668	-	5	60	ATG	TAA	0	0	
mORF_-_3031679	3031679	3033196	-	6	1518	ATG	TAA	151	1385	pORF_-_3031679
mORF_-_3031747	3031747	3031905	-	5	159	ATG	TAA	0	0	
mORF_-_3031906	3031906	3031956	-	5	51	TTG	TGA	0	0	
mORF_-_3032044	3032044	3032208	-	5	165	GTG	TGA	0	0	
mORF_-_3032365	3032365	3032547	-	5	183	GTG	TGA	0	0	

mORF_-_3032566	3032566	3032580	-	5	15	TTG	TGA	0	0	
mORF_-_3032599	3032599	3032664	-	5	66	ATG	TGA	0	0	
mORF_-_3032758	3032758	3032925	-	5	168	TTG	TGA	0	0	
mORF_-_3032817	3032817	3032852	-	4	36	ATG	TAA	0	0	
mORF_-_3032974	3032974	3032988	-	5	15	TTG	TGA	0	0	
mORF_-_3033004	3033004	3033129	-	5	126	GTG	TGA	0	0	
mORF_-_3033139	3033139	3033147	-	5	9	ATG	TGA	0	0	
mORF_-_3033189	3033189	3033209	-	4	21	ATG	TGA	0	0	
mORF_-_3033206	3033206	3034087	-	6	882	ATG	TGA	44	1248	pORF_-_3033206
mORF_-_3033283	3033283	3033417	-	5	135	ATG	TAG	0	0	
mORF_-_3033414	3033414	3033485	-	4	72	GTG	TGA	0	0	
mORF_-_3033490	3033490	3033684	-	5	195	TTG	TGA	0	0	
mORF_-_3033766	3033766	3034005	-	5	240	TTG	TGA	0	0	
mORF_-_3034039	3034039	3034068	-	5	30	ATG	TAG	0	0	
mORF_-_3034084	3034084	3034170	-	5	87	ATG	TGA	0	0	
mORF_-_3034192	3034192	3034230	-	5	39	TTG	TAA	0	0	
mORF_-_3034227	3034227	3034304	-	4	78	ATG	TGA	1	0	pORF_-_3034227
mORF_-_3034283	3034283	3034537	-	6	255	ATG	TAA	0	0	
mORF_-_3034326	3034326	3034364	-	4	39	TTG	TAG	0	0	
mORF_-_3034395	3034395	3036128	-	4	1734	GTG	TAG	4	9	pORF_-_3034395
mORF_-_3034577	3034577	3034669	-	6	93	ATG	TGA	0	0	
mORF_-_3034627	3034627	3034764	-	5	138	GTG	TGA	0	0	
mORF_-_3034712	3034712	3034852	-	6	141	TTG	TAA	0	0	
mORF_-_3034883	3034883	3034903	-	6	21	GTG	TAG	0	0	
mORF_-_3034940	3034940	3035077	-	6	138	GTG	TGA	0	0	
mORF_-_3034951	3034951	3035037	-	5	87	ATG	TGA	0	0	
mORF_-_3035074	3035074	3035100	-	5	27	GTG	TGA	0	0	
mORF_-_3035105	3035105	3035116	-	6	12	TTG	TGA	0	0	
mORF_-_3035153	3035153	3035275	-	6	123	TTG	TAA	0	0	
mORF_-_3035167	3035167	3035205	-	5	39	GTG	TGA	0	0	
mORF_-_3035279	3035279	3035326	-	6	48	TTG	TAG	0	0	
mORF_-_3035335	3035335	3035352	-	5	18	GTG	TAA	0	0	
mORF_-_3035387	3035387	3035494	-	6	108	TTG	TGA	0	0	
mORF_-_3035534	3035534	3035731	-	6	198	TTG	TGA	0	0	
mORF_-_3035716	3035716	3035832	-	5	117	TTG	TAA	0	0	
mORF_-_3035732	3035732	3035752	-	6	21	ATG	TAA	0	0	
mORF_-_3035777	3035777	3035836	-	6	60	TTG	TAA	0	0	
mORF_-_3035858	3035858	3035947	-	6	90	TTG	TAA	0	0	
mORF_-_3035966	3035966	3036100	-	6	135	GTG	TGA	0	0	
mORF_-_3036134	3036134	3036844	-	6	711	ATG	TAA	23	170	pORF_-_3036134
mORF_-_3036178	3036178	3036219	-	5	42	ATG	TGA	0	0	
mORF_-_3036223	3036223	3036285	-	5	63	TTG	TGA	0	0	
mORF_-_3036246	3036246	3036299	-	4	54	TTG	TAG	0	0	
mORF_-_3036328	3036328	3036363	-	5	36	GTG	TGA	0	0	
mORF_-_3036351	3036351	3036365	-	4	15	GTG	TAA	0	0	
mORF_-_3036376	3036376	3036492	-	5	117	GTG	TGA	0	0	
mORF_-_3036550	3036550	3036570	-	5	21	ATG	TGA	0	0	
mORF_-_3036580	3036580	3036663	-	5	84	ATG	TAA	0	0	
mORF_-_3036757	3036757	3036795	-	5	39	TTG	TAG	0	0	
mORF_-_3036783	3036783	3036872	-	4	90	GTG	TGA	0	0	
mORF_-_3036862	3036862	3036996	-	5	135	ATG	TGA	0	0	
mORF_-_3036869	3036869	3037765	-	6	897	GTG	TGA	2	5	pORF_-_3036869
mORF_-_3037000	3037000	3037077	-	5	78	ATG	TAA	0	0	
mORF_-_3037111	3037111	3037161	-	5	51	ATG	TGA	0	0	
mORF_-_3037146	3037146	3037172	-	4	27	GTG	TGA	0	0	
mORF_-_3037162	3037162	3037221	-	5	60	GTG	TGA	0	0	
mORF_-_3037222	3037222	3037293	-	5	72	GTG	TAG	0	0	
mORF_-_3037300	3037300	3037350	-	5	51	TTG	TGA	0	0	
mORF_-_3037426	3037426	3037536	-	5	111	GTG	TAA	0	0	
mORF_-_3037537	3037537	3037611	-	5	75	GTG	TGA	0	0	
mORF_-_3037608	3037608	3037652	-	4	45	GTG	TGA	0	0	
mORF_-_3037687	3037687	3037731	-	5	45	TTG	TGA	0	0	
mORF_-_3037698	3037698	3037721	-	4	24	GTG	TGA	0	0	

mORF_-_3037728	3037728	3037784	-	4	57	GTG	TGA	0	0	
mORF_-_3037762	3037762	3037797	-	5	36	ATG	TGA	0	0	
mORF_-_3037781	3037781	3037846	-	6	66	TTG	TGA	0	0	
mORF_-_3037818	3037818	3037853	-	4	36	GTG	TAG	0	0	
mORF_-_3037894	3037894	3037908	-	5	15	GTG	TAA	0	0	
mORF_-_3037912	3037912	3038025	-	5	114	ATG	TAA	0	0	
mORF_-_3037970	3037970	3037975	-	6	6	ATG	TAA	0	0	
mORF_-_3038000	3038000	3038404	-	6	405	GTG	TAA	0	0	
mORF_-_3038022	3038022	3038237	-	4	216	TTG	TGA	0	0	
mORF_-_3038143	3038143	3038208	-	5	66	TTG	TGA	0	0	
mORF_-_3038347	3038347	3038373	-	5	27	TTG	TGA	0	0	
mORF_-_3038401	3038401	3038541	-	5	141	ATG	TGA	0	0	
mORF_-_3038412	3038412	3038486	-	4	75	ATG	TAA	0	0	
mORF_-_3038438	3038438	3038845	-	6	408	GTG	TAA	0	0	
mORF_-_3038487	3038487	3038519	-	4	33	ATG	TGA	0	0	
mORF_-_3038571	3038571	3038618	-	4	48	TTG	TAA	0	0	
mORF_-_3038635	3038635	3038781	-	5	147	ATG	TGA	0	0	
mORF_-_3038664	3038664	3038690	-	4	27	TTG	TAA	0	0	
mORF_-_3038691	3038691	3038801	-	4	111	GTG	TGA	0	0	
mORF_-_3038826	3038826	3039092	-	4	267	ATG	TGA	2	6	pORF_-_3038826
mORF_-_3038879	3038879	3038896	-	6	18	ATG	TGA	0	0	
mORF_-_3038918	3038918	3038983	-	6	66	ATG	TGA	0	0	
mORF_-_3038944	3038944	3038949	-	5	6	ATG	TGA	0	0	
mORF_-_3038987	3038987	3039049	-	6	63	GTG	TAA	0	0	
mORF_-_3039001	3039001	3039063	-	5	63	TTG	TGA	0	0	
mORF_-_3039082	3039082	3039177	-	5	96	ATG	TAA	0	0	
mORF_-_3039153	3039153	3039320	-	4	168	TTG	TAA	0	0	
mORF_-_3039191	3039191	3039199	-	6	9	GTG	TAA	0	0	
mORF_-_3039196	3039196	3039273	-	5	78	ATG	TGA	0	0	
mORF_-_3039215	3039215	3039247	-	6	33	GTG	TGA	0	0	
mORF_-_3039278	3039278	3039295	-	6	18	ATG	TGA	0	0	
mORF_-_3039342	3039342	3039347	-	4	6	GTG	TAA	0	0	
mORF_-_3039361	3039361	3039429	-	5	69	ATG	TGA	0	0	
mORF_-_3039383	3039383	3039520	-	6	138	ATG	TAA	0	0	
mORF_-_3039480	3039480	3039584	-	4	105	ATG	TGA	0	0	
mORF_-_3039499	3039499	3039660	-	5	162	ATG	TGA	0	0	
mORF_-_3039648	3039648	3039725	-	4	78	TTG	TAG	0	0	
mORF_-_3039703	3039703	3039978	-	5	276	TTG	TGA	0	0	
mORF_-_3039788	3039788	3039895	-	6	108	TTG	TAG	0	0	
mORF_-_3039843	3039843	3039908	-	4	66	ATG	TAG	0	0	
mORF_-_3039908	3039908	3040030	-	6	123	TTG	TAA	0	0	
mORF_-_3039960	3039960	3039968	-	4	9	GTG	TAA	0	0	
mORF_-_3040005	3040005	3040049	-	4	45	TTG	TAA	0	0	
mORF_-_3040018	3040018	3040065	-	5	48	TTG	TAA	0	0	
mORF_-_3040127	3040127	3040282	-	6	156	ATG	TAA	0	0	
mORF_-_3040198	3040198	3040248	-	5	51	ATG	TGA	0	0	
mORF_-_3040218	3040218	3040337	-	4	120	ATG	TGA	0	0	
mORF_-_3040322	3040322	3040372	-	6	51	ATG	TAA	0	0	
mORF_-_3040338	3040338	3040397	-	4	60	GTG	TAA	0	0	
mORF_-_3040394	3040394	3040435	-	6	42	GTG	TGA	0	0	
mORF_-_3040432	3040432	3040590	-	5	159	ATG	TGA	0	0	
mORF_-_3040494	3040494	3040553	-	4	60	GTG	TAG	0	0	
mORF_-_3040511	3040511	3041170	-	6	660	ATG	TAA	0	0	
mORF_-_3040651	3040651	3040701	-	5	51	ATG	TAG	0	0	
mORF_-_3040777	3040777	3040821	-	5	45	TTG	TGA	0	0	
mORF_-_3040782	3040782	3040907	-	4	126	TTG	TAA	0	0	
mORF_-_3040837	3040837	3040887	-	5	51	TTG	TAG	0	0	
mORF_-_3040888	3040888	3040914	-	5	27	TTG	TGA	0	0	
mORF_-_3040911	3040911	3040928	-	4	18	GTG	TGA	0	0	
mORF_-_3040987	3040987	3041001	-	5	15	ATG	TGA	0	0	
mORF_-_3041017	3041017	3041097	-	5	81	TTG	TAA	0	0	
mORF_-_3041148	3041148	3041198	-	4	51	GTG	TAA	0	0	
mORF_-_3041174	3041174	3041242	-	6	69	GTG	TAA	0	0	

mORF_-_3041250	3041250	3041291	-	4	42	ATG	TAG	0	0	
mORF_-_3041288	3041288	3041353	-	6	66	TTG	TGA	0	0	
mORF_-_3041296	3041296	3041313	-	5	18	TTG	TAA	0	0	
mORF_-_3041329	3041329	3041343	-	5	15	ATG	TGA	0	0	
mORF_-_3041334	3041334	3041645	-	4	312	ATG	TAA	10	20	pORF_-_3041334
mORF_-_3041354	3041354	3041392	-	6	39	TTG	TGA	0	0	
mORF_-_3041417	3041417	3041437	-	6	21	ATG	TGA	0	0	
mORF_-_3041462	3041462	3041674	-	6	213	ATG	TAA	0	0	
mORF_-_3041485	3041485	3041496	-	5	12	TTG	TGA	0	0	
mORF_-_3041671	3041671	3041703	-	5	33	GTG	TGA	0	0	
mORF_-_3041700	3041700	3041816	-	4	117	GTG	TGA	0	0	
mORF_-_3041720	3041720	3041899	-	6	180	GTG	TAA	0	0	
mORF_-_3041746	3041746	3041841	-	5	96	TTG	TGA	0	0	
mORF_-_3041835	3041835	3041870	-	4	36	TTG	TGA	0	0	
mORF_-_3041899	3041899	3041973	-	5	75	ATG	TAG	0	0	
mORF_-_3041918	3041918	3042334	-	6	417	GTG	TAG	1	2	pORF_-_3041918
mORF_-_3041937	3041937	3042002	-	4	66	TTG	TGA	0	0	
mORF_-_3042022	3042022	3042132	-	5	111	TTG	TAG	0	0	
mORF_-_3042184	3042184	3042231	-	5	48	TTG	TAG	0	0	
mORF_-_3042225	3042225	3042251	-	4	27	GTG	TAA	0	0	
mORF_-_3042331	3042331	3042378	-	5	48	ATG	TGA	0	0	
mORF_-_3042506	3042506	3043033	-	6	528	ATG	TAG	0	0	
mORF_-_3042526	3042526	3042606	-	5	81	GTG	TAG	0	0	
mORF_-_3042624	3042624	3042704	-	4	81	TTG	TGA	0	0	
mORF_-_3042631	3042631	3042666	-	5	36	GTG	TAA	0	0	
mORF_-_3042714	3042714	3042767	-	4	54	GTG	TAA	0	0	
mORF_-_3042829	3042829	3042861	-	5	33	TTG	TAA	0	0	
mORF_-_3042858	3042858	3042953	-	4	96	GTG	TGA	0	0	
mORF_-_3042868	3042868	3042876	-	5	9	ATG	TAG	0	0	
mORF_-_3042946	3042946	3043002	-	5	57	TTG	TAG	0	0	
mORF_-_3043014	3043014	3043064	-	4	51	GTG	TAA	0	0	
mORF_-_3043018	3043018	3043107	-	5	90	TTG	TAG	0	0	
mORF_-_3043077	3043077	3043235	-	4	159	GTG	TAA	0	0	
mORF_-_3043180	3043180	3043923	-	5	744	ATG	TAA	2	2	pORF_-_3043180
mORF_-_3043236	3043236	3043283	-	4	48	GTG	TAA	0	0	
mORF_-_3043425	3043425	3043535	-	4	111	ATG	TAA	0	0	
mORF_-_3043587	3043587	3043637	-	4	51	TTG	TGA	0	0	
mORF_-_3043634	3043634	3043645	-	6	12	GTG	TGA	0	0	
mORF_-_3043683	3043683	3043775	-	4	93	GTG	TAG	0	0	
mORF_-_3043797	3043797	3043901	-	4	105	GTG	TGA	0	0	
mORF_-_3043905	3043905	3043910	-	4	6	TTG	TGA	0	0	
mORF_-_3043914	3043914	3043976	-	4	63	TTG	TAG	0	0	
mORF_-_3043942	3043942	3043986	-	5	45	TTG	TAA	0	0	
mORF_-_3043970	3043970	3044002	-	6	33	GTG	TAG	0	0	
mORF_-_3044022	3044022	3044123	-	4	102	GTG	TGA	0	0	
mORF_-_3044078	3044078	3044098	-	6	21	TTG	TGA	0	0	
mORF_-_3044083	3044083	3044139	-	5	57	ATG	TAG	0	0	
mORF_-_3044144	3044144	3044251	-	6	108	ATG	TAG	0	0	
mORF_-_3044190	3044190	3047063	-	4	2874	ATG	TAA	100	649	pORF_-_3044190
mORF_-_3044261	3044261	3044314	-	6	54	GTG	TGA	0	0	
mORF_-_3044311	3044311	3044334	-	5	24	GTG	TGA	0	0	
mORF_-_3044369	3044369	3044401	-	6	33	GTG	TGA	0	0	
mORF_-_3044408	3044408	3044494	-	6	87	TTG	TGA	0	0	
mORF_-_3044491	3044491	3044622	-	5	132	ATG	TGA	0	0	
mORF_-_3044552	3044552	3044566	-	6	15	TTG	TGA	0	0	
mORF_-_3044597	3044597	3044689	-	6	93	TTG	TGA	0	0	
mORF_-_3044825	3044825	3044866	-	6	42	TTG	TAA	0	0	
mORF_-_3044885	3044885	3044998	-	6	114	TTG	TGA	0	0	
mORF_-_3045008	3045008	3045085	-	6	78	ATG	TGA	0	0	
mORF_-_3045058	3045058	3045063	-	5	6	GTG	TGA	0	0	
mORF_-_3045167	3045167	3045202	-	6	36	TTG	TGA	0	0	
mORF_-_3045190	3045190	3045195	-	5	6	GTG	TGA	0	0	
mORF_-_3045266	3045266	3045304	-	6	39	ATG	TGA	0	0	

mORF_-_3045301	3045301	3045369	-	5	69	TTG	TGA	0	0	
mORF_-_3045392	3045392	3045418	-	6	27	TTG	TGA	0	0	
mORF_-_3045419	3045419	3045475	-	6	57	TTG	TGA	0	0	
mORF_-_3045764	3045764	3045805	-	6	42	TTG	TAA	0	0	
mORF_-_3045812	3045812	3045853	-	6	42	GTG	TGA	0	0	
mORF_-_3045838	3045838	3045891	-	5	54	GTG	TGA	0	0	
mORF_-_3045857	3045857	3045913	-	6	57	ATG	TGA	0	0	
mORF_-_3045979	3045979	3046062	-	5	84	TTG	TAA	0	0	
mORF_-_3045992	3045992	3046270	-	6	279	TTG	TGA	0	0	
mORF_-_3046298	3046298	3046342	-	6	45	TTG	TAA	0	0	
mORF_-_3046355	3046355	3046393	-	6	39	GTG	TGA	0	0	
mORF_-_3046403	3046403	3046468	-	6	66	TTG	TAG	0	0	
mORF_-_3046469	3046469	3046558	-	6	90	ATG	TGA	0	0	
mORF_-_3046664	3046664	3046930	-	6	267	TTG	TAA	0	0	
mORF_-_3046949	3046949	3046972	-	6	24	ATG	TAA	0	0	
mORF_-_3046973	3046973	3047041	-	6	69	TTG	TGA	0	0	
mORF_-_3047060	3047060	3047134	-	6	75	ATG	TGA	0	0	
mORF_-_3047109	3047109	3047147	-	4	39	GTG	TAA	0	0	
mORF_-_3047182	3047182	3047574	-	5	393	TTG	TAA	9	122	pORF_-_3047182
mORF_-_3047193	3047193	3047282	-	4	90	ATG	TAG	0	0	
mORF_-_3047328	3047328	3047345	-	4	18	GTG	TAA	0	0	
mORF_-_3047349	3047349	3047360	-	4	12	ATG	TAA	0	0	
mORF_-_3047379	3047379	3047447	-	4	69	TTG	TAA	0	0	
mORF_-_3047460	3047460	3047492	-	4	33	TTG	TAG	0	0	
mORF_-_3047516	3047516	3047623	-	6	108	TTG	TAA	0	0	
mORF_-_3047571	3047571	3047585	-	4	15	TTG	TGA	0	0	
mORF_-_3047575	3047575	3047598	-	5	24	GTG	TGA	0	0	
mORF_-_3047595	3047595	3048689	-	4	1095	ATG	TGA	43	441	pORF_-_3047595
mORF_-_3047636	3047636	3047809	-	6	174	ATG	TGA	0	0	
mORF_-_3047834	3047834	3047905	-	6	72	GTG	TGA	0	0	
mORF_-_3047948	3047948	3047983	-	6	36	ATG	TAG	0	0	
mORF_-_3047990	3047990	3048166	-	6	177	TTG	TGA	0	0	
mORF_-_3048016	3048016	3048036	-	5	21	ATG	TGA	0	0	
mORF_-_3048176	3048176	3048256	-	6	81	TTG	TGA	0	0	
mORF_-_3048257	3048257	3048400	-	6	144	ATG	TGA	0	0	
mORF_-_3048404	3048404	3048421	-	6	18	ATG	TGA	0	0	
mORF_-_3048422	3048422	3048472	-	6	51	ATG	TGA	0	0	
mORF_-_3048533	3048533	3048577	-	6	45	ATG	TGA	0	0	
mORF_-_3048547	3048547	3048651	-	5	105	TTG	TGA	0	0	
mORF_-_3048614	3048614	3048700	-	6	87	ATG	TGA	0	0	
mORF_-_3048697	3048697	3048852	-	5	156	GTG	TGA	0	0	
mORF_-_3048726	3048726	3048812	-	4	87	GTG	TGA	0	0	
mORF_-_3048806	3048806	3048832	-	6	27	ATG	TAA	0	0	
mORF_-_3048849	3048849	3048911	-	4	63	GTG	TGA	0	0	
mORF_-_3048854	3048854	3048925	-	6	72	TTG	TAA	0	0	
mORF_-_3048865	3048865	3049014	-	5	150	ATG	TAA	0	0	
mORF_-_3048945	3048945	3048962	-	4	18	TTG	TGA	0	0	
mORF_-_3048972	3048972	3048986	-	4	15	TTG	TAG	0	0	
mORF_-_3048993	3048993	3049001	-	4	9	TTG	TAG	0	0	
mORF_-_3049046	3049046	3049114	-	6	69	TTG	TAA	0	0	
mORF_-_3049051	3049051	3049059	-	5	9	TTG	TAA	0	0	
mORF_-_3049111	3049111	3049149	-	5	39	ATG	TGA	0	0	
mORF_-_3049137	3049137	3050339	-	4	1203	ATG	TAA	3	6	pORF_-_3049137
mORF_-_3049223	3049223	3049237	-	6	15	GTG	TGA	0	0	
mORF_-_3049304	3049304	3049336	-	6	33	ATG	TGA	0	0	
mORF_-_3049391	3049391	3049402	-	6	12	TTG	TGA	0	0	
mORF_-_3049403	3049403	3049417	-	6	15	ATG	TGA	0	0	
mORF_-_3049433	3049433	3049516	-	6	84	ATG	TAA	0	0	
mORF_-_3049526	3049526	3049582	-	6	57	TTG	TGA	0	0	
mORF_-_3049552	3049552	3049563	-	5	12	ATG	TGA	0	0	
mORF_-_3049592	3049592	3049747	-	6	156	ATG	TAA	0	0	
mORF_-_3049615	3049615	3049674	-	5	60	TTG	TGA	0	0	
mORF_-_3049805	3049805	3049858	-	6	54	TTG	TGA	0	0	

mORF_-_3049874	3049874	3049888	-	6	15	ATG	TAA	0	0	
mORF_-_3049898	3049898	3049912	-	6	15	ATG	TGA	0	0	
mORF_-_3049909	3049909	3049989	-	5	81	GTG	TGA	0	0	
mORF_-_3050003	3050003	3050317	-	6	315	TTG	TGA	0	0	
mORF_-_3050056	3050056	3050091	-	5	36	GTG	TGA	0	0	
mORF_-_3050321	3050321	3050554	-	6	234	GTG	TAG	0	0	
mORF_-_3050343	3050343	3050402	-	4	60	ATG	TAA	0	0	
mORF_-_3050362	3050362	3051540	-	5	1179	ATG	TGA	7	25	pORF_-_3050362
mORF_-_3050433	3050433	3050510	-	4	78	TTG	TGA	0	0	
mORF_-_3050601	3050601	3050615	-	4	15	TTG	TGA	0	0	
mORF_-_3050622	3050622	3050684	-	4	63	ATG	TGA	0	0	
mORF_-_3050730	3050730	3050981	-	4	252	TTG	TAA	0	0	
mORF_-_3050807	3050807	3050815	-	6	9	TTG	TGA	0	0	
mORF_-_3050825	3050825	3050869	-	6	45	GTG	TGA	0	0	
mORF_-_3050982	3050982	3051020	-	4	39	TTG	TGA	0	0	
mORF_-_3051017	3051017	3051028	-	6	12	GTG	TGA	0	0	
mORF_-_3051036	3051036	3051056	-	4	21	ATG	TAG	0	0	
mORF_-_3051081	3051081	3051095	-	4	15	GTG	TGA	0	0	
mORF_-_3051105	3051105	3051134	-	4	30	TTG	TGA	0	0	
mORF_-_3051149	3051149	3051157	-	6	9	TTG	TGA	0	0	
mORF_-_3051165	3051165	3051302	-	4	138	ATG	TAA	0	0	
mORF_-_3051179	3051179	3051328	-	6	150	TTG	TAA	0	0	
mORF_-_3051390	3051390	3051446	-	4	57	TTG	TAG	0	0	
mORF_-_3051443	3051443	3051556	-	6	114	TTG	TGA	0	0	
mORF_-_3051474	3051474	3051521	-	4	48	GTG	TAA	0	0	
mORF_-_3051537	3051537	3053075	-	4	1539	GTG	TGA	52	266	pORF_-_3051537
mORF_-_3051629	3051629	3051697	-	6	69	TTG	TGA	0	0	
mORF_-_3051719	3051719	3051784	-	6	66	ATG	TGA	0	0	
mORF_-_3051791	3051791	3051811	-	6	21	ATG	TAG	0	0	
mORF_-_3051845	3051845	3051862	-	6	18	GTG	TGA	0	0	
mORF_-_3051881	3051881	3052084	-	6	204	TTG	TAA	0	0	
mORF_-_3052069	3052069	3052074	-	5	6	TTG	TGA	0	0	
mORF_-_3052085	3052085	3052357	-	6	273	TTG	TGA	0	0	
mORF_-_3052111	3052111	3052116	-	5	6	GTG	TGA	0	0	
mORF_-_3052201	3052201	3052257	-	5	57	ATG	TAA	0	0	
mORF_-_3052373	3052373	3052432	-	6	60	GTG	TGA	0	0	
mORF_-_3052442	3052442	3052573	-	6	132	ATG	TAA	0	0	
mORF_-_3052580	3052580	3052594	-	6	15	TTG	TAG	0	0	
mORF_-_3052610	3052610	3052657	-	6	48	ATG	TGA	0	0	
mORF_-_3052667	3052667	3052720	-	6	54	GTG	TGA	0	0	
mORF_-_3052760	3052760	3052777	-	6	18	TTG	TAA	0	0	
mORF_-_3052781	3052781	3052858	-	6	78	GTG	TGA	0	0	
mORF_-_3052859	3052859	3052954	-	6	96	ATG	TGA	0	0	
mORF_-_3052888	3052888	3053472	-	5	585	ATG	TAA	10	36	pORF_-_3052888
mORF_-_3053088	3053088	3053282	-	4	195	ATG	TGA	0	0	
mORF_-_3053093	3053093	3053146	-	6	54	TTG	TAA	0	0	
mORF_-_3053279	3053279	3053332	-	6	54	ATG	TGA	0	0	
mORF_-_3053307	3053307	3053354	-	4	48	GTG	TGA	0	0	
mORF_-_3053345	3053345	3053356	-	6	12	ATG	TAA	0	0	
mORF_-_3053370	3053370	3053378	-	4	9	ATG	TAA	0	0	
mORF_-_3053384	3053384	3053482	-	6	99	TTG	TGA	0	0	
mORF_-_3053427	3053427	3053498	-	4	72	ATG	TGA	0	0	
mORF_-_3053479	3053479	3053553	-	5	75	ATG	TGA	0	0	
mORF_-_3053495	3053495	3053617	-	6	123	TTG	TGA	0	0	
mORF_-_3053562	3053562	3053660	-	4	99	TTG	TAG	0	0	
mORF_-_3053614	3053614	3053676	-	5	63	GTG	TGA	0	0	
mORF_-_3053618	3053618	3053635	-	6	18	ATG	TGA	0	0	
mORF_-_3053673	3053673	3053750	-	4	78	TTG	TGA	0	0	
mORF_-_3053717	3053717	3053800	-	6	84	ATG	TGA	0	0	
mORF_-_3053773	3053773	3053778	-	5	6	TTG	TGA	0	0	
mORF_-_3053797	3053797	3053808	-	5	12	ATG	TGA	0	0	
mORF_-_3053815	3053815	3053865	-	5	51	TTG	TGA	0	0	
mORF_-_3053826	3053826	3053909	-	4	84	TTG	TAA	0	0	

mORF_-_3053855	3053855	3053935	-	6	81	GTG	TAG	0	0	
mORF_-_3053913	3053913	3054239	-	4	327	ATG	TAA	0	0	
mORF_-_3053944	3053944	3054003	-	5	60	TTG	TAG	0	0	
mORF_-_3053975	3053975	3054091	-	6	117	ATG	TAA	0	0	
mORF_-_3054052	3054052	3054132	-	5	81	ATG	TGA	0	0	
mORF_-_3054113	3054113	3054154	-	6	42	TTG	TAA	0	0	
mORF_-_3054158	3054158	3054217	-	6	60	TTG	TAA	0	0	
mORF_-_3054193	3054193	3054261	-	5	69	TTG	TAA	0	0	
mORF_-_3054239	3054239	3054274	-	6	36	TTG	TAA	0	0	
mORF_-_3054287	3054287	3054547	-	6	261	ATG	TAA	0	0	
mORF_-_3054327	3054327	3054416	-	4	90	GTG	TAG	0	0	
mORF_-_3054343	3054343	3054420	-	5	78	ATG	TAA	0	0	
mORF_-_3054474	3054474	3054554	-	4	81	TTG	TAA	0	0	
mORF_-_3054502	3054502	3054606	-	5	105	GTG	TAA	0	0	
mORF_-_3054603	3054603	3054608	-	4	6	GTG	TGA	0	0	
mORF_-_3054674	3054674	3054721	-	6	48	ATG	TAA	0	0	
mORF_-_3054727	3054727	3054843	-	5	117	ATG	TGA	0	0	
mORF_-_3054783	3054783	3054788	-	4	6	GTG	TAA	0	0	
mORF_-_3054859	3054859	3054987	-	5	129	TTG	TAG	0	0	
mORF_-_3054912	3054912	3054971	-	4	60	ATG	TAA	0	0	
mORF_-_3054929	3054929	3054946	-	6	18	TTG	TAA	0	0	
mORF_-_3054947	3054947	3054961	-	6	15	TTG	TGA	0	0	
mORF_-_3054968	3054968	3055039	-	6	72	ATG	TGA	0	0	
mORF_-_3054984	3054984	3055070	-	4	87	ATG	TGA	0	0	
mORF_-_3055015	3055015	3055131	-	5	117	TTG	TAA	0	0	
mORF_-_3055052	3055052	3055162	-	6	111	TTG	TAA	0	0	
mORF_-_3055086	3055086	3055109	-	4	24	TTG	TAA	0	0	
mORF_-_3055200	3055200	3056432	-	4	1233	ATG	TAA	134	4453	pORF_-_3055200
mORF_-_3055241	3055241	3055300	-	6	60	ATG	TGA	0	0	
mORF_-_3055412	3055412	3055426	-	6	15	GTG	TGA	0	0	
mORF_-_3055457	3055457	3055480	-	6	24	ATG	TGA	0	0	
mORF_-_3055496	3055496	3055555	-	6	60	TTG	TGA	0	0	
mORF_-_3055565	3055565	3055723	-	6	159	ATG	TGA	0	0	
mORF_-_3055585	3055585	3055590	-	5	6	GTG	TGA	0	0	
mORF_-_3055681	3055681	3055686	-	5	6	GTG	TGA	0	0	
mORF_-_3055772	3055772	3055804	-	6	33	ATG	TGA	0	0	
mORF_-_3055811	3055811	3055819	-	6	9	ATG	TGA	0	0	
mORF_-_3055829	3055829	3056083	-	6	255	TTG	TGA	0	0	
mORF_-_3055990	3055990	3056019	-	5	30	GTG	TGA	0	0	
mORF_-_3056084	3056084	3056197	-	6	114	TTG	TGA	0	0	
mORF_-_3056237	3056237	3056275	-	6	39	ATG	TGA	0	0	
mORF_-_3056291	3056291	3056350	-	6	60	GTG	TAA	0	0	
mORF_-_3056384	3056384	3056440	-	6	57	TTG	TAG	0	0	
mORF_-_3056398	3056398	3056475	-	5	78	ATG	TAA	0	0	
mORF_-_3056433	3056433	3056633	-	4	201	ATG	TAA	0	0	
mORF_-_3056483	3056483	3056512	-	6	30	TTG	TGA	0	0	
mORF_-_3056491	3056491	3056553	-	5	63	TTG	TGA	0	0	
mORF_-_3056590	3056590	3056631	-	5	42	GTG	TAA	0	0	
mORF_-_3056594	3056594	3056641	-	6	48	TTG	TAA	0	0	
mORF_-_3056683	3056683	3056691	-	5	9	ATG	TGA	0	0	
mORF_-_3056688	3056688	3057419	-	4	732	TTG	TGA	38	814	pORF_-_3056688
mORF_-_3056693	3056693	3056725	-	6	33	TTG	TGA	0	0	
mORF_-_3056726	3056726	3056764	-	6	39	TTG	TGA	0	0	
mORF_-_3056768	3056768	3056788	-	6	21	ATG	TGA	0	0	
mORF_-_3056807	3056807	3056818	-	6	12	TTG	TAG	0	0	
mORF_-_3056846	3056846	3056857	-	6	12	ATG	TGA	0	0	
mORF_-_3056903	3056903	3056926	-	6	24	GTG	TGA	0	0	
mORF_-_3056948	3056948	3057043	-	6	96	GTG	TAG	0	0	
mORF_-_3057071	3057071	3057145	-	6	75	TTG	TGA	0	0	
mORF_-_3057167	3057167	3057211	-	6	45	TTG	TGA	0	0	
mORF_-_3057221	3057221	3057241	-	6	21	TTG	TGA	0	0	
mORF_-_3057238	3057238	3057315	-	5	78	ATG	TGA	0	0	
mORF_-_3057269	3057269	3057298	-	6	30	ATG	TAG	0	0	

mORF_-_3057329	3057329	3057337	-	6	9	ATG	TGA	0	0
mORF_-_3057374	3057374	3057379	-	6	6	GTG	TGA	0	0
mORF_-_3057403	3057403	3057633	-	5	231	ATG	TGA	0	0
mORF_-_3057429	3057429	3057593	-	4	165	ATG	TAA	0	0
mORF_-_3057434	3057434	3057517	-	6	84	GTG	TGA	0	0
mORF_-_3057560	3057560	3057682	-	6	123	TTG	TAA	0	0
mORF_-_3057594	3057594	3057602	-	4	9	TTG	TGA	0	0
mORF_-_3057633	3057633	3057641	-	4	9	TTG	TAA	0	0
mORF_-_3057654	3057654	3057722	-	4	69	GTG	TAA	0	0
mORF_-_3057667	3057667	3057735	-	5	69	ATG	TAA	0	0
mORF_-_3057686	3057686	3057850	-	6	165	GTG	TAA	0	0
mORF_-_3057732	3057732	3057752	-	4	21	ATG	TGA	0	0
mORF_-_3057789	3057789	3058166	-	4	378	GTG	TAG	0	0
mORF_-_3057799	3057799	3057870	-	5	72	TTG	TAA	0	0
mORF_-_3057863	3057863	3057883	-	6	21	GTG	TAA	0	0
mORF_-_3057880	3057880	3058029	-	5	150	TTG	TGA	0	0
mORF_-_3057890	3057890	3058057	-	6	168	GTG	TAA	0	0
mORF_-_3058054	3058054	3058218	-	5	165	ATG	TGA	0	0
mORF_-_3058064	3058064	3058102	-	6	39	GTG	TGA	0	0
mORF_-_3058263	3058263	3058481	-	4	219	GTG	TAG	0	0
mORF_-_3058274	3058274	3058282	-	6	9	TTG	TGA	0	0
mORF_-_3058307	3058307	3058330	-	6	24	ATG	TAG	0	0
mORF_-_3058330	3058330	3058431	-	5	102	ATG	TAA	0	0
mORF_-_3058444	3058444	3058506	-	5	63	TTG	TGA	0	0
mORF_-_3058555	3058555	3058584	-	5	30	GTG	TAG	0	0
mORF_-_3058575	3058575	3058622	-	4	48	GTG	TAG	0	0
mORF_-_3058630	3058630	3058845	-	5	216	ATG	TAA	0	0
mORF_-_3058644	3058644	3058649	-	4	6	TTG	TGA	0	0
mORF_-_3058665	3058665	3058676	-	4	12	TTG	TAA	0	0
mORF_-_3058673	3058673	3058693	-	6	21	GTG	TGA	0	0
mORF_-_3058734	3058734	3058811	-	4	78	GTG	TGA	0	0
mORF_-_3058739	3058739	3058753	-	6	15	TTG	TGA	0	0
mORF_-_3058757	3058757	3058909	-	6	153	TTG	TGA	0	0
mORF_-_3058821	3058821	3058835	-	4	15	TTG	TGA	0	0
mORF_-_3058842	3058842	3059084	-	4	243	TTG	TGA	0	0
mORF_-_3058952	3058952	3058978	-	6	27	TTG	TGA	0	0
mORF_-_3059045	3059045	3059095	-	6	51	ATG	TAG	0	0
mORF_-_3059068	3059068	3059124	-	5	57	TTG	TAG	0	0
mORF_-_3059099	3059099	3059134	-	6	36	TTG	TGA	0	0
mORF_-_3059115	3059115	3059204	-	4	90	GTG	TGA	0	0
mORF_-_3059141	3059141	3059200	-	6	60	GTG	TAA	0	0
mORF_-_3059210	3059210	3059338	-	6	129	ATG	TAG	0	0
mORF_-_3059352	3059352	3059429	-	4	78	TTG	TAG	0	0
mORF_-_3059369	3059369	3059425	-	6	57	ATG	TAA	0	0
mORF_-_3059398	3059398	3059403	-	5	6	GTG	TAA	0	0
mORF_-_3059426	3059426	3059464	-	6	39	GTG	TGA	0	0
mORF_-_3059440	3059440	3059490	-	5	51	TTG	TGA	0	0
mORF_-_3059471	3059471	3059551	-	6	81	ATG	TAA	0	0
mORF_-_3059487	3059487	3059570	-	4	84	GTG	TGA	0	0
mORF_-_3059557	3059557	3059610	-	5	54	ATG	TGA	0	0
mORF_-_3059564	3059564	3059737	-	6	174	ATG	TAA	0	0
mORF_-_3059638	3059638	3059649	-	5	12	TTG	TGA	0	0
mORF_-_3059722	3059722	3059751	-	5	30	GTG	TAA	0	0
mORF_-_3059753	3059753	3059887	-	6	135	ATG	TAA	0	0
mORF_-_3059773	3059773	3059805	-	5	33	GTG	TGA	0	0
mORF_-_3059802	3059802	3059822	-	4	21	GTG	TGA	0	0
mORF_-_3059872	3059872	3059925	-	5	54	GTG	TAA	0	0
mORF_-_3059918	3059918	3060034	-	6	117	GTG	TGA	0	0
mORF_-_3059922	3059922	3059930	-	4	9	ATG	TGA	0	0
mORF_-_3059962	3059962	3059979	-	5	18	GTG	TAG	0	0
mORF_-_3060004	3060004	3060045	-	5	42	GTG	TGA	0	0
mORF_-_3060018	3060018	3060113	-	4	96	TTG	TGA	0	0
mORF_-_3060059	3060059	3060064	-	6	6	ATG	TAA	0	0

mORF_-_3060080	3060080	3060250	-	6	171	TTG	TGA	0	0
mORF_-_3060106	3060106	3060165	-	5	60	TTG	TAA	0	0
mORF_-_3060186	3060186	3060662	-	4	477	GTG	TGA	0	0
mORF_-_3060238	3060238	3060396	-	5	159	GTG	TGA	0	0
mORF_-_3060257	3060257	3060343	-	6	87	GTG	TGA	0	0
mORF_-_3060386	3060386	3060451	-	6	66	GTG	TGA	0	0
mORF_-_3060427	3060427	3060507	-	5	81	TTG	TAA	0	0
mORF_-_3060545	3060545	3060631	-	6	87	ATG	TGA	0	0
mORF_-_3060720	3060720	3060782	-	4	63	GTG	TAA	0	0
mORF_-_3060736	3060736	3060801	-	5	66	GTG	TAG	0	0
mORF_-_3060798	3060798	3061025	-	4	228	GTG	TGA	0	0
mORF_-_3060812	3060812	3060895	-	6	84	ATG	TGA	0	0
mORF_-_3060892	3060892	3060960	-	5	69	GTG	TGA	0	0
mORF_-_3061013	3061013	3061123	-	6	111	GTG	TAA	0	0
mORF_-_3061048	3061048	3061116	-	5	69	ATG	TAA	0	0
mORF_-_3061053	3061053	3061085	-	4	33	ATG	TGA	0	0
mORF_-_3061116	3061116	3061331	-	4	216	ATG	TGA	0	0
mORF_-_3061255	3061255	3061389	-	5	135	ATG	TAA	0	0
mORF_-_3061361	3061361	3061378	-	6	18	ATG	TAA	0	0
mORF_-_3061429	3061429	3061761	-	5	333	GTG	TAA	0	0
mORF_-_3061446	3061446	3061778	-	4	333	TTG	TAA	0	0
mORF_-_3061604	3061604	3061729	-	6	126	GTG	TGA	0	0
mORF_-_3061804	3061804	3061875	-	5	72	GTG	TAA	0	0
mORF_-_3061905	3061905	3061955	-	4	51	GTG	TAA	0	0
mORF_-_3061928	3061928	3061948	-	6	21	GTG	TGA	0	0
mORF_-_3061945	3061945	3061992	-	5	48	TTG	TGA	0	0
mORF_-_3062023	3062023	3062064	-	5	42	ATG	TGA	0	0
mORF_-_3062074	3062074	3062193	-	5	120	TTG	TAG	0	0
mORF_-_3062132	3062132	3062293	-	6	162	TTG	TAA	0	0
mORF_-_3062166	3062166	3062267	-	4	102	ATG	TGA	0	0
mORF_-_3062272	3062272	3062448	-	5	177	ATG	TGA	0	0
mORF_-_3062310	3062310	3062348	-	4	39	ATG	TGA	0	0
mORF_-_3062376	3062376	3062405	-	4	30	TTG	TGA	0	0
mORF_-_3062402	3062402	3062554	-	6	153	ATG	TGA	0	0
mORF_-_3062449	3062449	3062679	-	5	231	ATG	TGA	0	0
mORF_-_3062499	3062499	3062513	-	4	15	TTG	TAA	0	0
mORF_-_3062588	3062588	3062605	-	6	18	GTG	TAA	0	0
mORF_-_3062624	3062624	3062842	-	6	219	TTG	TAA	0	0
mORF_-_3062640	3062640	3062672	-	4	33	GTG	TGA	0	0
mORF_-_3062797	3062797	3062880	-	5	84	ATG	TAA	0	0
mORF_-_3062832	3062832	3062978	-	4	147	TTG	TGA	0	0
mORF_-_3062870	3062870	3062896	-	6	27	ATG	TAA	0	0
mORF_-_3062932	3062932	3062991	-	5	60	TTG	TAG	0	0
mORF_-_3062957	3062957	3063016	-	6	60	TTG	TAG	0	0
mORF_-_3063013	3063013	3063081	-	5	69	TTG	TGA	0	0
mORF_-_3063017	3063017	3063085	-	6	69	ATG	TGA	0	0
mORF_-_3063078	3063078	3063110	-	4	33	TTG	TGA	0	0
mORF_-_3063094	3063094	3063159	-	5	66	TTG	TAA	0	0
mORF_-_3063111	3063111	3063167	-	4	57	TTG	TGA	0	0
mORF_-_3063168	3063168	3063308	-	4	141	TTG	TAA	0	0
mORF_-_3063200	3063200	3063223	-	6	24	GTG	TGA	0	0
mORF_-_3063241	3063241	3063501	-	5	261	TTG	TAA	0	0
mORF_-_3063305	3063305	3063400	-	6	96	TTG	TGA	0	0
mORF_-_3063315	3063315	3063377	-	4	63	TTG	TGA	0	0
mORF_-_3063420	3063420	3063776	-	4	357	TTG	TAG	0	0
mORF_-_3063544	3063544	3063597	-	5	54	TTG	TAA	0	0
mORF_-_3063685	3063685	3063705	-	5	21	ATG	TAG	0	0
mORF_-_3063706	3063706	3063912	-	5	207	ATG	TAA	0	0
mORF_-_3063725	3063725	3063754	-	6	30	TTG	TGA	0	0
mORF_-_3063780	3063780	3063788	-	4	9	TTG	TAA	0	0
mORF_-_3063795	3063795	3063872	-	4	78	ATG	TAA	0	0
mORF_-_3063869	3063869	3063925	-	6	57	GTG	TGA	0	0
mORF_-_3063903	3063903	3064031	-	4	129	TTG	TAA	0	0

mORF_-_3063919	3063919	3063927	-	5	9	GTG	TGA	0	0	
mORF_-_3064019	3064019	3064051	-	6	33	TTG	TAG	0	0	
mORF_-_3064036	3064036	3064251	-	5	216	GTG	TGA	0	0	
mORF_-_3064068	3064068	3064100	-	4	33	GTG	TGA	0	0	
mORF_-_3064140	3064140	3064160	-	4	21	ATG	TGA	0	0	
mORF_-_3064157	3064157	3064174	-	6	18	GTG	TGA	0	0	
mORF_-_3064244	3064244	3064417	-	6	174	TTG	TAA	0	0	
mORF_-_3064261	3064261	3064266	-	5	6	GTG	TAA	0	0	
mORF_-_3064299	3064299	3065210	-	4	912	ATG	TAA	1	2	pORF_-_3064299
mORF_-_3064414	3064414	3064554	-	5	141	TTG	TGA	0	0	
mORF_-_3064439	3064439	3064456	-	6	18	TTG	TGA	0	0	
mORF_-_3064472	3064472	3064573	-	6	102	TTG	TGA	0	0	
mORF_-_3064574	3064574	3064660	-	6	87	ATG	TGA	0	0	
mORF_-_3064682	3064682	3064705	-	6	24	GTG	TAG	0	0	
mORF_-_3064712	3064712	3064747	-	6	36	ATG	TGA	0	0	
mORF_-_3064769	3064769	3064819	-	6	51	TTG	TAG	0	0	
mORF_-_3064832	3064832	3064843	-	6	12	ATG	TGA	0	0	
mORF_-_3064898	3064898	3064906	-	6	9	TTG	TAG	0	0	
mORF_-_3064907	3064907	3065092	-	6	186	TTG	TGA	0	0	
mORF_-_3065105	3065105	3065134	-	6	30	TTG	TGA	0	0	
mORF_-_3065234	3065234	3065263	-	6	30	TTG	TGA	0	0	
mORF_-_3065274	3065274	3065315	-	4	42	TTG	TAA	0	0	
mORF_-_3065287	3065287	3065331	-	5	45	ATG	TAA	0	0	
mORF_-_3065353	3065353	3065358	-	5	6	TTG	TAG	0	0	
mORF_-_3065362	3065362	3066102	-	5	741	GTG	TAA	47	624	pORF_-_3065362
mORF_-_3065406	3065406	3065489	-	4	84	ATG	TAG	0	0	
mORF_-_3065499	3065499	3065651	-	4	153	ATG	TGA	0	0	
mORF_-_3065703	3065703	3065714	-	4	12	ATG	TGA	0	0	
mORF_-_3065766	3065766	3066026	-	4	261	ATG	TGA	0	0	
mORF_-_3066099	3066099	3066134	-	4	36	TTG	TGA	0	0	
mORF_-_3066118	3066118	3066156	-	5	39	TTG	TAA	0	0	
mORF_-_3066173	3066173	3066460	-	6	288	ATG	TAA	0	0	
mORF_-_3066184	3066184	3066357	-	5	174	GTG	TGA	0	0	
mORF_-_3066195	3066195	3066830	-	4	636	GTG	TAG	0	0	
mORF_-_3066409	3066409	3066507	-	5	99	ATG	TGA	0	0	
mORF_-_3066536	3066536	3066544	-	6	9	TTG	TAG	0	0	
mORF_-_3066554	3066554	3066583	-	6	30	ATG	TGA	0	0	
mORF_-_3066565	3066565	3066705	-	5	141	TTG	TAA	0	0	
mORF_-_3066644	3066644	3066664	-	6	21	TTG	TGA	0	0	
mORF_-_3066680	3066680	3066715	-	6	36	TTG	TGA	0	0	
mORF_-_3066752	3066752	3066763	-	6	12	ATG	TGA	0	0	
mORF_-_3066785	3066785	3066805	-	6	21	TTG	TGA	0	0	
mORF_-_3066885	3066885	3066914	-	4	30	TTG	TAA	0	0	
mORF_-_3066969	3066969	3067829	-	4	861	ATG	TAA	20	118	pORF_-_3066969
mORF_-_3067004	3067004	3067147	-	6	144	TTG	TGA	0	0	
mORF_-_3067214	3067214	3067390	-	6	177	GTG	TGA	0	0	
mORF_-_3067406	3067406	3067510	-	6	105	TTG	TAG	0	0	
mORF_-_3067514	3067514	3067561	-	6	48	GTG	TAG	0	0	
mORF_-_3067613	3067613	3067645	-	6	33	ATG	TAG	0	0	
mORF_-_3067703	3067703	3067711	-	6	9	TTG	TGA	0	0	
mORF_-_3067742	3067742	3067750	-	6	9	ATG	TAA	0	0	
mORF_-_3067799	3067799	3067816	-	6	18	ATG	TAA	0	0	
mORF_-_3067804	3067804	3067833	-	5	30	TTG	TAG	0	0	
mORF_-_3067817	3067817	3067870	-	6	54	GTG	TGA	0	0	
mORF_-_3067830	3067830	3067910	-	4	81	TTG	TGA	0	0	
mORF_-_3067852	3067852	3068268	-	5	417	ATG	TGA	0	0	
mORF_-_3067880	3067880	3067918	-	6	39	ATG	TAA	0	0	
mORF_-_3067935	3067935	3067958	-	4	24	GTG	TGA	0	0	
mORF_-_3067995	3067995	3068024	-	4	30	ATG	TGA	0	0	
mORF_-_3068055	3068055	3068060	-	4	6	TTG	TAG	0	0	
mORF_-_3068073	3068073	3068117	-	4	45	ATG	TGA	0	0	
mORF_-_3068187	3068187	3069350	-	4	1164	GTG	TAA	115	4169	pORF_-_3068187
mORF_-_3068240	3068240	3068260	-	6	21	GTG	TGA	0	0	

mORF_-_3068317	3068317	3068388	-	5	72	ATG	TAA	0	0	
mORF_-_3068429	3068429	3068470	-	6	42	GTG	TAA	0	0	
mORF_-_3068486	3068486	3068539	-	6	54	GTG	TGA	0	0	
mORF_-_3068555	3068555	3068584	-	6	30	GTG	TGA	0	0	
mORF_-_3068636	3068636	3068728	-	6	93	GTG	TGA	0	0	
mORF_-_3068722	3068722	3068736	-	5	15	TTG	TGA	0	0	
mORF_-_3068837	3068837	3069025	-	6	189	GTG	TGA	0	0	
mORF_-_3068884	3068884	3068913	-	5	30	GTG	TGA	0	0	
mORF_-_3069044	3069044	3069076	-	6	33	GTG	TGA	0	0	
mORF_-_3069194	3069194	3069223	-	6	30	GTG	TAG	0	0	
mORF_-_3069242	3069242	3069304	-	6	63	ATG	TAA	0	0	
mORF_-_3069301	3069301	3069318	-	5	18	ATG	TGA	0	0	
mORF_-_3069355	3069355	3069399	-	5	45	TTG	TAA	0	0	
mORF_-_3069406	3069406	3069453	-	5	48	TTG	TAA	0	0	
mORF_-_3069481	3069481	3070707	-	5	1227	TTG	TAA	230	14741	pORF_-_3069481
mORF_-_3069510	3069510	3069746	-	4	237	ATG	TAG	0	0	
mORF_-_3069677	3069677	3069730	-	6	54	GTG	TGA	0	0	
mORF_-_3069750	3069750	3069785	-	4	36	GTG	TGA	0	0	
mORF_-_3069813	3069813	3069818	-	4	6	ATG	TGA	0	0	
mORF_-_3069867	3069867	3069878	-	4	12	ATG	TAG	0	0	
mORF_-_3069906	3069906	3070010	-	4	105	TTG	TGA	0	0	
mORF_-_3070050	3070050	3070079	-	4	30	TTG	TGA	0	0	
mORF_-_3070110	3070110	3070166	-	4	57	TTG	TGA	0	0	
mORF_-_3070136	3070136	3070162	-	6	27	GTG	TGA	0	0	
mORF_-_3070233	3070233	3070349	-	4	117	TTG	TAA	0	0	
mORF_-_3070244	3070244	3070249	-	6	6	GTG	TGA	0	0	
mORF_-_3070401	3070401	3070415	-	4	15	TTG	TGA	0	0	
mORF_-_3070500	3070500	3070532	-	4	33	GTG	TGA	0	0	
mORF_-_3070578	3070578	3070613	-	4	36	TTG	TGA	0	0	
mORF_-_3070694	3070694	3071797	-	6	1104	TTG	TAA	11	21	pORF_-_3070694
mORF_-_3070720	3070720	3070749	-	5	30	TTG	TAG	0	0	
mORF_-_3070743	3070743	3070757	-	4	15	ATG	TAA	0	0	
mORF_-_3070761	3070761	3070769	-	4	9	GTG	TAA	0	0	
mORF_-_3070786	3070786	3070833	-	5	48	GTG	TGA	0	0	
mORF_-_3070855	3070855	3070887	-	5	33	TTG	TAG	0	0	
mORF_-_3070888	3070888	3070941	-	5	54	ATG	TAG	0	0	
mORF_-_3070987	3070987	3070992	-	5	6	ATG	TGA	0	0	
mORF_-_3070993	3070993	3071142	-	5	150	TTG	TAA	0	0	
mORF_-_3071179	3071179	3071211	-	5	33	ATG	TGA	0	0	
mORF_-_3071208	3071208	3071240	-	4	33	TTG	TGA	0	0	
mORF_-_3071233	3071233	3071406	-	5	174	ATG	TAA	0	0	
mORF_-_3071428	3071428	3071565	-	5	138	ATG	TAG	0	0	
mORF_-_3071499	3071499	3071540	-	4	42	ATG	TGA	0	0	
mORF_-_3071569	3071569	3071691	-	5	123	ATG	TGA	0	0	
mORF_-_3071667	3071667	3071768	-	4	102	TTG	TAA	0	0	
mORF_-_3071710	3071710	3071742	-	5	33	TTG	TGA	0	0	
mORF_-_3071785	3071785	3071904	-	5	120	ATG	TAA	0	0	
mORF_-_3071813	3071813	3071827	-	6	15	ATG	TAA	0	0	
mORF_-_3071846	3071846	3071917	-	6	72	GTG	TGA	0	0	
mORF_-_3071914	3071914	3071922	-	5	9	GTG	TGA	0	0	
mORF_-_3071919	3071919	3071924	-	4	6	GTG	TGA	0	0	
mORF_-_3071976	3071976	3071981	-	4	6	TTG	TAG	0	0	
mORF_-_3071998	3071998	3072711	-	5	714	GTG	TGA	2	22	pORF_-_3071998
mORF_-_3072066	3072066	3072104	-	4	39	ATG	TGA	0	0	
mORF_-_3072129	3072129	3072143	-	4	15	TTG	TAA	0	0	
mORF_-_3072152	3072152	3072232	-	6	81	GTG	TAG	0	0	
mORF_-_3072156	3072156	3072314	-	4	159	ATG	TGA	0	0	
mORF_-_3072311	3072311	3072346	-	6	36	TTG	TGA	0	0	
mORF_-_3072378	3072378	3072467	-	4	90	ATG	TGA	0	0	
mORF_-_3072545	3072545	3072568	-	6	24	TTG	TAA	0	0	
mORF_-_3072597	3072597	3072650	-	4	54	TTG	TAA	0	0	
mORF_-_3072681	3072681	3072689	-	4	9	ATG	TGA	0	0	
mORF_-_3072696	3072696	3072704	-	4	9	TTG	TAA	0	0	

mORF_-_3072708	3072708	3073217	-	4	510	ATG	TGA	0	0	
mORF_-_3072821	3072821	3072844	-	6	24	ATG	TAA	0	0	
mORF_-_3072884	3072884	3072913	-	6	30	ATG	TGA	0	0	
mORF_-_3072910	3072910	3072972	-	5	63	ATG	TGA	0	0	
mORF_-_3072923	3072923	3072994	-	6	72	ATG	TGA	0	0	
mORF_-_3072998	3072998	3073027	-	6	30	TTG	TGA	0	0	
mORF_-_3073055	3073055	3073093	-	6	39	TTG	TGA	0	0	
mORF_-_3073148	3073148	3073198	-	6	51	ATG	TGA	0	0	
mORF_-_3073195	3073195	3073242	-	5	48	TTG	TGA	0	0	
mORF_-_3073239	3073239	3074204	-	4	966	ATG	TGA	0	0	
mORF_-_3073261	3073261	3073266	-	5	6	GTG	TAA	0	0	
mORF_-_3073286	3073286	3073312	-	6	27	ATG	TGA	0	0	
mORF_-_3073334	3073334	3073345	-	6	12	GTG	TGA	0	0	
mORF_-_3073388	3073388	3073510	-	6	123	TTG	TGA	0	0	
mORF_-_3073423	3073423	3073443	-	5	21	TTG	TGA	0	0	
mORF_-_3073492	3073492	3073503	-	5	12	TTG	TAA	0	0	
mORF_-_3073535	3073535	3073552	-	6	18	GTG	TAG	0	0	
mORF_-_3073562	3073562	3073579	-	6	18	GTG	TGA	0	0	
mORF_-_3073595	3073595	3073600	-	6	6	ATG	TGA	0	0	
mORF_-_3073625	3073625	3073663	-	6	39	TTG	TGA	0	0	
mORF_-_3073670	3073670	3073705	-	6	36	GTG	TGA	0	0	
mORF_-_3073790	3073790	3073837	-	6	48	TTG	TGA	0	0	
mORF_-_3073847	3073847	3074059	-	6	213	GTG	TGA	0	0	
mORF_-_3073954	3073954	3074010	-	5	57	GTG	TGA	0	0	
mORF_-_3074075	3074075	3074131	-	6	57	GTG	TAA	0	0	
mORF_-_3074116	3074116	3074349	-	5	234	TTG	TAA	0	0	
mORF_-_3074201	3074201	3075478	-	6	1278	ATG	TGA	0	0	
mORF_-_3074368	3074368	3074448	-	5	81	GTG	TGA	0	0	
mORF_-_3074458	3074458	3074502	-	5	45	TTG	TGA	0	0	
mORF_-_3074512	3074512	3074619	-	5	108	TTG	TGA	0	0	
mORF_-_3074626	3074626	3074715	-	5	90	ATG	TGA	0	0	
mORF_-_3074767	3074767	3075063	-	5	297	TTG	TGA	1	2	pORF_-_3074767
mORF_-_3074889	3074889	3074933	-	4	45	GTG	TAA	0	0	
mORF_-_3074979	3074979	3075035	-	4	57	GTG	TGA	0	0	
mORF_-_3075121	3075121	3075276	-	5	156	ATG	TGA	0	0	
mORF_-_3075243	3075243	3075272	-	4	30	ATG	TAA	0	0	
mORF_-_3075301	3075301	3075330	-	5	30	GTG	TAG	0	0	
mORF_-_3075379	3075379	3075384	-	5	6	GTG	TAA	0	0	
mORF_-_3075385	3075385	3075465	-	5	81	TTG	TGA	0	0	
mORF_-_3075493	3075493	3076881	-	5	1389	ATG	TGA	1	2	pORF_-_3075493
mORF_-_3075513	3075513	3075551	-	4	39	TTG	TAA	0	0	
mORF_-_3075585	3075585	3075590	-	4	6	GTG	TGA	0	0	
mORF_-_3075594	3075594	3075638	-	4	45	ATG	TGA	0	0	
mORF_-_3075669	3075669	3075758	-	4	90	TTG	TAA	0	0	
mORF_-_3075704	3075704	3075754	-	6	51	TTG	TAA	0	0	
mORF_-_3075780	3075780	3075794	-	4	15	GTG	TAA	0	0	
mORF_-_3075804	3075804	3075842	-	4	39	ATG	TGA	0	0	
mORF_-_3075882	3075882	3075899	-	4	18	TTG	TGA	0	0	
mORF_-_3075915	3075915	3075932	-	4	18	TTG	TAG	0	0	
mORF_-_3075960	3075960	3076058	-	4	99	TTG	TGA	0	0	
mORF_-_3076059	3076059	3076067	-	4	9	TTG	TGA	0	0	
mORF_-_3076086	3076086	3076121	-	4	36	GTG	TGA	0	0	
mORF_-_3076164	3076164	3076412	-	4	249	TTG	TGA	0	0	
mORF_-_3076382	3076382	3076390	-	6	9	GTG	TGA	0	0	
mORF_-_3076413	3076413	3076439	-	4	27	TTG	TAA	0	0	
mORF_-_3076436	3076436	3076453	-	6	18	TTG	TGA	0	0	
mORF_-_3076473	3076473	3076541	-	4	69	ATG	TAG	0	0	
mORF_-_3076545	3076545	3076559	-	4	15	GTG	TAA	0	0	
mORF_-_3076575	3076575	3076610	-	4	36	TTG	TGA	0	0	
mORF_-_3076614	3076614	3076622	-	4	9	TTG	TGA	0	0	
mORF_-_3076629	3076629	3076688	-	4	60	TTG	TAG	0	0	
mORF_-_3076713	3076713	3076808	-	4	96	TTG	TGA	0	0	
mORF_-_3076745	3076745	3076756	-	6	12	TTG	TAA	0	0	

mORF_-_3076830	3076830	3076862	-	4	33	GTG	TGA	0	0	
mORF_-_3076886	3076886	3076987	-	6	102	GTG	TAA	0	0	
mORF_-_3076909	3076909	3077352	-	5	444	ATG	TAA	0	0	
mORF_-_3076956	3076956	3076997	-	4	42	GTG	TAA	0	0	
mORF_-_3076998	3076998	3077102	-	4	105	TTG	TAA	0	0	
mORF_-_3077109	3077109	3077342	-	4	234	GTG	TGA	0	0	
mORF_-_3077126	3077126	3077140	-	6	15	ATG	TAA	0	0	
mORF_-_3077249	3077249	3077293	-	6	45	TTG	TAA	0	0	
mORF_-_3077362	3077362	3077613	-	5	252	ATG	TAA	0	0	
mORF_-_3077466	3077466	3077513	-	4	48	TTG	TAA	0	0	
mORF_-_3077489	3077489	3077506	-	6	18	TTG	TAA	0	0	
mORF_-_3077534	3077534	3077539	-	6	6	ATG	TAA	0	0	
mORF_-_3077549	3077549	3077557	-	6	9	ATG	TAA	0	0	
mORF_-_3077573	3077573	3077581	-	6	9	GTG	TAG	0	0	
mORF_-_3077585	3077585	3077605	-	6	21	TTG	TAA	0	0	
mORF_-_3077589	3077589	3077618	-	4	30	TTG	TAG	0	0	
mORF_-_3077662	3077662	3077751	-	5	90	GTG	TAG	0	0	
mORF_-_3077666	3077666	3079687	-	6	2022	GTG	TAA	141	2658	pORF_-_3077666
mORF_-_3077761	3077761	3077778	-	5	18	GTG	TGA	0	0	
mORF_-_3077782	3077782	3077814	-	5	33	TTG	TGA	0	0	
mORF_-_3077824	3077824	3077892	-	5	69	TTG	TAG	0	0	
mORF_-_3077944	3077944	3077976	-	5	33	TTG	TGA	0	0	
mORF_-_3078028	3078028	3078042	-	5	15	GTG	TGA	0	0	
mORF_-_3078109	3078109	3078177	-	5	69	GTG	TGA	0	0	
mORF_-_3078135	3078135	3078152	-	4	18	GTG	TGA	0	0	
mORF_-_3078174	3078174	3078188	-	4	15	ATG	TGA	0	0	
mORF_-_3078205	3078205	3078231	-	5	27	TTG	TAA	0	0	
mORF_-_3078352	3078352	3078408	-	5	57	TTG	TGA	0	0	
mORF_-_3078415	3078415	3078462	-	5	48	ATG	TGA	0	0	
mORF_-_3078477	3078477	3078491	-	4	15	GTG	TAA	0	0	
mORF_-_3078496	3078496	3078570	-	5	75	ATG	TGA	0	0	
mORF_-_3078670	3078670	3078816	-	5	147	ATG	TGA	0	0	
mORF_-_3078687	3078687	3078779	-	4	93	GTG	TGA	0	0	
mORF_-_3078841	3078841	3078873	-	5	33	GTG	TGA	0	0	
mORF_-_3078852	3078852	3078932	-	4	81	GTG	TGA	0	0	
mORF_-_3078973	3078973	3079122	-	5	150	TTG	TAG	0	0	
mORF_-_3079128	3079128	3079160	-	4	33	TTG	TAA	0	0	
mORF_-_3079183	3079183	3079335	-	5	153	GTG	TGA	0	0	
mORF_-_3079447	3079447	3079488	-	5	42	GTG	TGA	0	0	
mORF_-_3079522	3079522	3079575	-	5	54	GTG	TGA	0	0	
mORF_-_3079530	3079530	3079538	-	4	9	GTG	TGA	0	0	
mORF_-_3079615	3079615	3079779	-	5	165	ATG	TGA	0	0	
mORF_-_3079721	3079721	3079744	-	6	24	TTG	TAG	0	0	
mORF_-_3079746	3079746	3079772	-	4	27	ATG	TAA	0	0	
mORF_-_3079763	3079763	3079810	-	6	48	ATG	TGA	0	0	
mORF_-_3079807	3079807	3079827	-	5	21	TTG	TGA	0	0	
mORF_-_3079856	3079856	3080008	-	6	153	TTG	TAA	0	0	
mORF_-_3079900	3079900	3080091	-	5	192	ATG	TAA	0	0	
mORF_-_3080093	3080093	3080188	-	6	96	TTG	TGA	0	0	
mORF_-_3080143	3080143	3080157	-	5	15	TTG	TAG	0	0	
mORF_-_3080172	3080172	3080336	-	4	165	GTG	TAG	0	0	
mORF_-_3080185	3080185	3080244	-	5	60	TTG	TGA	0	0	
mORF_-_3080204	3080204	3080209	-	6	6	TTG	TAA	0	0	
mORF_-_3080248	3080248	3080445	-	5	198	GTG	TAG	0	0	
mORF_-_3080343	3080343	3080351	-	4	9	ATG	TAA	0	0	
mORF_-_3080433	3080433	3080441	-	4	9	TTG	TAA	0	0	
mORF_-_3080438	3080438	3080476	-	6	39	TTG	TGA	0	0	
mORF_-_3080442	3080442	3080447	-	4	6	TTG	TGA	0	0	
mORF_-_3080469	3080469	3080609	-	4	141	TTG	TAA	0	0	
mORF_-_3080522	3080522	3080671	-	6	150	ATG	TAA	0	0	
mORF_-_3080548	3080548	3080637	-	5	90	ATG	TGA	0	0	
mORF_-_3080613	3080613	3080657	-	4	45	ATG	TGA	0	0	
mORF_-_3080686	3080686	3080853	-	5	168	ATG	TAA	0	0	

mORF_-_3080717	3080717	3080758	-	6	42	ATG	TGA	0	0	
mORF_-_3080730	3080730	3080891	-	4	162	ATG	TGA	0	0	
mORF_-_3080762	3080762	3080776	-	6	15	ATG	TAA	0	0	
mORF_-_3080843	3080843	3080869	-	6	27	GTG	TGA	0	0	
mORF_-_3080860	3080860	3080886	-	5	27	ATG	TAA	0	0	
mORF_-_3080899	3080899	3081819	-	5	921	ATG	TAA	41	407	pORF_-_3080899
mORF_-_3081003	3081003	3081020	-	4	18	TTG	TAG	0	0	
mORF_-_3081069	3081069	3081080	-	4	12	TTG	TGA	0	0	
mORF_-_3081081	3081081	3081134	-	4	54	TTG	TGA	0	0	
mORF_-_3081138	3081138	3081164	-	4	27	TTG	TGA	0	0	
mORF_-_3081171	3081171	3081191	-	4	21	ATG	TGA	0	0	
mORF_-_3081207	3081207	3081269	-	4	63	TTG	TGA	0	0	
mORF_-_3081294	3081294	3081452	-	4	159	GTG	TGA	0	0	
mORF_-_3081341	3081341	3081346	-	6	6	TTG	TGA	0	0	
mORF_-_3081516	3081516	3081542	-	4	27	ATG	TGA	0	0	
mORF_-_3081570	3081570	3081674	-	4	105	GTG	TGA	0	0	
mORF_-_3081578	3081578	3081598	-	6	21	GTG	TGA	0	0	
mORF_-_3081711	3081711	3081734	-	4	24	ATG	TGA	0	0	
mORF_-_3081747	3081747	3081776	-	4	30	ATG	TGA	0	0	
mORF_-_3081833	3081833	3081838	-	6	6	TTG	TAA	0	0	
mORF_-_3081868	3081868	3081900	-	5	33	GTG	TAA	0	0	
mORF_-_3081897	3081897	3081944	-	4	48	TTG	TGA	0	0	
mORF_-_3081931	3081931	3081951	-	5	21	GTG	TAA	0	0	
mORF_-_3081941	3081941	3082036	-	6	96	TTG	TGA	0	0	
mORF_-_3081957	3081957	3083945	-	4	1989	TTG	TAA	62	413	pORF_-_3081957
mORF_-_3082070	3082070	3082099	-	6	30	ATG	TAA	0	0	
mORF_-_3082148	3082148	3082564	-	6	417	ATG	TAG	0	0	
mORF_-_3082348	3082348	3082440	-	5	93	ATG	TGA	0	0	
mORF_-_3082561	3082561	3082569	-	5	9	GTG	TGA	0	0	
mORF_-_3082574	3082574	3082756	-	6	183	ATG	TGA	0	0	
mORF_-_3082588	3082588	3082596	-	5	9	ATG	TGA	0	0	
mORF_-_3082612	3082612	3082677	-	5	66	ATG	TAG	0	0	
mORF_-_3082678	3082678	3082731	-	5	54	GTG	TGA	0	0	
mORF_-_3082838	3082838	3082846	-	6	9	GTG	TGA	0	0	
mORF_-_3082862	3082862	3082936	-	6	75	ATG	TAA	0	0	
mORF_-_3082891	3082891	3082896	-	5	6	GTG	TGA	0	0	
mORF_-_3082949	3082949	3083293	-	6	345	ATG	TGA	0	0	
mORF_-_3082981	3082981	3083019	-	5	39	GTG	TGA	0	0	
mORF_-_3083170	3083170	3083238	-	5	69	ATG	TGA	0	0	
mORF_-_3083294	3083294	3083380	-	6	87	TTG	TGA	0	0	
mORF_-_3083441	3083441	3083452	-	6	12	ATG	TGA	0	0	
mORF_-_3083519	3083519	3083530	-	6	12	TTG	TGA	0	0	
mORF_-_3083531	3083531	3083698	-	6	168	GTG	TGA	0	0	
mORF_-_3083695	3083695	3083757	-	5	63	GTG	TGA	0	0	
mORF_-_3083708	3083708	3083812	-	6	105	TTG	TAG	0	0	
mORF_-_3083794	3083794	3083805	-	5	12	GTG	TAA	0	0	
mORF_-_3083852	3083852	3083884	-	6	33	GTG	TGA	0	0	
mORF_-_3083942	3083942	3084088	-	6	147	GTG	TGA	0	0	
mORF_-_3083970	3083970	3084017	-	4	48	ATG	TAA	0	0	
mORF_-_3083977	3083977	3084057	-	5	81	TTG	TAG	0	0	
mORF_-_3084070	3084070	3084090	-	5	21	ATG	TGA	0	0	
mORF_-_3084081	3084081	3084221	-	4	141	ATG	TAA	0	0	
mORF_-_3084142	3084142	3084147	-	5	6	TTG	TAA	0	0	
mORF_-_3084160	3084160	3084270	-	5	111	GTG	TGA	0	0	
mORF_-_3084167	3084167	3084310	-	6	144	ATG	TGA	0	0	
mORF_-_3084288	3084288	3084329	-	4	42	GTG	TAA	0	0	
mORF_-_3084310	3084310	3084360	-	5	51	TTG	TAA	0	0	
mORF_-_3084320	3084320	3084355	-	6	36	TTG	TGA	0	0	
mORF_-_3084339	3084339	3084395	-	4	57	GTG	TAA	0	0	
mORF_-_3084417	3084417	3084494	-	4	78	ATG	TAA	0	0	
mORF_-_3084421	3084421	3084687	-	5	267	TTG	TAA	0	0	
mORF_-_3084497	3084497	3084538	-	5	42	GTG	TGA	0	0	
mORF_-_3084522	3084522	3084545	-	4	24	TTG	TAA	0	0	

mORF_-_3084576	3084576	3084620	-	4	45	GTG	TAG	0	0	
mORF_-_3084596	3084596	3084604	-	6	9	ATG	TAA	0	0	
mORF_-_3084638	3084638	3084685	-	6	48	GTG	TAA	0	0	
mORF_-_3084666	3084666	3084734	-	4	69	TTG	TAG	0	0	
mORF_-_3084712	3084712	3084780	-	5	69	TTG	TAA	0	0	
mORF_-_3084722	3084722	3084793	-	6	72	TTG	TAA	0	0	
mORF_-_3084744	3084744	3084842	-	4	99	GTG	TAA	0	0	
mORF_-_3084859	3084859	3084942	-	5	84	GTG	TAG	0	0	
mORF_-_3084881	3084881	3085501	-	6	621	GTG	TAA	0	0	
mORF_-_3084958	3084958	3085038	-	5	81	TTG	TAG	0	0	
mORF_-_3085035	3085035	3085109	-	4	75	TTG	TGA	0	0	
mORF_-_3085102	3085102	3085146	-	5	45	GTG	TAG	0	0	
mORF_-_3085110	3085110	3085139	-	4	30	GTG	TAG	0	0	
mORF_-_3085143	3085143	3085154	-	4	12	GTG	TGA	0	0	
mORF_-_3085171	3085171	3085197	-	5	27	GTG	TGA	0	0	
mORF_-_3085240	3085240	3085290	-	5	51	GTG	TGA	0	0	
mORF_-_3085291	3085291	3085404	-	5	114	TTG	TGA	0	0	
mORF_-_3085350	3085350	3085358	-	4	9	TTG	TGA	0	0	
mORF_-_3085422	3085422	3085436	-	4	15	TTG	TAA	0	0	
mORF_-_3085467	3085467	3085634	-	4	168	TTG	TAA	0	0	
mORF_-_3085480	3085480	3085491	-	5	12	ATG	TAG	0	0	
mORF_-_3085532	3085532	3085987	-	6	456	ATG	TGA	0	0	
mORF_-_3085567	3085567	3085584	-	5	18	ATG	TAA	0	0	
mORF_-_3085627	3085627	3085662	-	5	36	ATG	TAG	0	0	
mORF_-_3085659	3085659	3085799	-	4	141	ATG	TGA	0	0	
mORF_-_3085780	3085780	3085785	-	5	6	TTG	TAG	0	0	
mORF_-_3085804	3085804	3085893	-	5	90	GTG	TGA	0	0	
mORF_-_3085900	3085900	3085947	-	5	48	GTG	TGA	0	0	
mORF_-_3085944	3085944	3086000	-	4	57	GTG	TGA	0	0	
mORF_-_3085984	3085984	3086007	-	5	24	GTG	TGA	0	0	
mORF_-_3085997	3085997	3086023	-	6	27	GTG	TGA	0	0	
mORF_-_3086004	3086004	3086057	-	4	54	TTG	TGA	0	0	
mORF_-_3086020	3086020	3086076	-	5	57	ATG	TGA	0	0	
mORF_-_3086036	3086036	3086050	-	6	15	TTG	TAA	0	0	
mORF_-_3086081	3086081	3086095	-	6	15	GTG	TAA	0	0	
mORF_-_3086101	3086101	3086106	-	5	6	ATG	TAA	0	0	
mORF_-_3086124	3086124	3086177	-	4	54	ATG	TAA	0	0	
mORF_-_3086144	3086144	3086167	-	6	24	TTG	TAA	0	0	
mORF_-_3086164	3086164	3086181	-	5	18	GTG	TGA	0	0	
mORF_-_3086182	3086182	3086190	-	5	9	ATG	TAA	0	0	
mORF_-_3086218	3086218	3086241	-	5	24	GTG	TAA	0	0	
mORF_-_3086238	3086238	3086243	-	4	6	ATG	TGA	0	0	
mORF_-_3086248	3086248	3086262	-	5	15	GTG	TAA	0	0	
mORF_-_3086263	3086263	3086550	-	5	288	TTG	TAG	0	0	
mORF_-_3086268	3086268	3086276	-	4	9	GTG	TAA	0	0	
mORF_-_3086273	3086273	3086278	-	6	6	TTG	TGA	0	0	
mORF_-_3086316	3086316	3086423	-	4	108	GTG	TAG	0	0	
mORF_-_3086384	3086384	3086467	-	6	84	TTG	TAA	1	7	pORF_-_3086384
mORF_-_3086535	3086535	3086684	-	4	150	GTG	TAA	0	0	
mORF_-_3086743	3086743	3086757	-	5	15	GTG	TGA	0	0	
mORF_-_3086796	3086796	3086813	-	4	18	ATG	TGA	0	0	
mORF_-_3086800	3086800	3087117	-	5	318	ATG	TAG	0	0	
mORF_-_3086838	3086838	3086891	-	4	54	GTG	TGA	0	0	
mORF_-_3086939	3086939	3087172	-	6	234	TTG	TAG	0	0	
mORF_-_3087151	3087151	3087297	-	5	147	ATG	TAA	0	0	
mORF_-_3087219	3087219	3087314	-	4	96	TTG	TAA	0	0	
mORF_-_3087263	3087263	3087736	-	6	474	GTG	TAG	0	0	
mORF_-_3087331	3087331	3087396	-	5	66	ATG	TGA	0	0	
mORF_-_3087436	3087436	3087624	-	5	189	TTG	TGA	0	0	
mORF_-_3087465	3087465	3087515	-	4	51	TTG	TGA	0	0	
mORF_-_3087588	3087588	3087749	-	4	162	ATG	TAA	0	0	
mORF_-_3087746	3087746	3087853	-	6	108	TTG	TGA	0	0	
mORF_-_3087762	3087762	3087809	-	4	48	TTG	TAG	0	0	

mORF_-_3087775	3087775	3087786	-	5	12	ATG	TAG	0	0
mORF_-_3087817	3087817	3087885	-	5	69	TTG	TAA	0	0
mORF_-_3087861	3087861	3088247	-	4	387	GTG	TAG	0	0
mORF_-_3087893	3087893	3087898	-	6	6	GTG	TAA	0	0
mORF_-_3087938	3087938	3088066	-	6	129	TTG	TAG	0	0
mORF_-_3087988	3087988	3088059	-	5	72	GTG	TAA	0	0
mORF_-_3088121	3088121	3088153	-	6	33	GTG	TGA	0	0
mORF_-_3088160	3088160	3088171	-	6	12	TTG	TAG	0	0
mORF_-_3088189	3088189	3088728	-	5	540	ATG	TAA	0	0
mORF_-_3088287	3088287	3088358	-	4	72	GTG	TGA	0	0
mORF_-_3088377	3088377	3088445	-	4	69	TTG	TAA	0	0
mORF_-_3088385	3088385	3088414	-	6	30	ATG	TAG	0	0
mORF_-_3088506	3088506	3088538	-	4	33	TTG	TAA	0	0
mORF_-_3088572	3088572	3088583	-	4	12	TTG	TGA	0	0
mORF_-_3088701	3088701	3088772	-	4	72	TTG	TAG	0	0
mORF_-_3088741	3088741	3089049	-	5	309	TTG	TGA	0	0
mORF_-_3088815	3088815	3088892	-	4	78	GTG	TGA	0	0
mORF_-_3088838	3088838	3088927	-	6	90	GTG	TGA	0	0
mORF_-_3088899	3088899	3089030	-	4	132	TTG	TAG	0	0
mORF_-_3088952	3088952	3088960	-	6	9	ATG	TGA	0	0
mORF_-_3089078	3089078	3089083	-	6	6	GTG	TAG	0	0
mORF_-_3089101	3089101	3089172	-	5	72	ATG	TAA	0	0
mORF_-_3089108	3089108	3089116	-	6	9	GTG	TAG	0	0
mORF_-_3089150	3089150	3089671	-	6	522	GTG	TAA	0	0
mORF_-_3089154	3089154	3089189	-	4	36	GTG	TAG	0	0
mORF_-_3089203	3089203	3089331	-	5	129	TTG	TGA	0	0
mORF_-_3089404	3089404	3089532	-	5	129	TTG	TGA	0	0
mORF_-_3089475	3089475	3089483	-	4	9	GTG	TAA	0	0
mORF_-_3089505	3089505	3089561	-	4	57	TTG	TAA	0	0
mORF_-_3089668	3089668	3089772	-	5	105	ATG	TGA	0	0
mORF_-_3089750	3089750	3089788	-	6	39	TTG	TAA	0	0
mORF_-_3089785	3089785	3089850	-	5	66	ATG	TGA	0	0
mORF_-_3089790	3089790	3089834	-	4	45	TTG	TAA	0	0
mORF_-_3089858	3089858	3090058	-	6	201	ATG	TAG	0	0
mORF_-_3089884	3089884	3089949	-	5	66	TTG	TAG	0	0
mORF_-_3089904	3089904	3089936	-	4	33	TTG	TGA	0	0
mORF_-_3089967	3089967	3089984	-	4	18	GTG	TAG	0	0
mORF_-_3090007	3090007	3090066	-	5	60	GTG	TAG	0	0
mORF_-_3090196	3090196	3090474	-	5	279	GTG	TAG	0	0
mORF_-_3090338	3090338	3090493	-	6	156	TTG	TAG	0	0
mORF_-_3090375	3090375	3090434	-	4	60	TTG	TAA	0	0
mORF_-_3090478	3090478	3090486	-	5	9	ATG	TAG	0	0
mORF_-_3090496	3090496	3090603	-	5	108	TTG	TAA	0	0
mORF_-_3090667	3090667	3090912	-	5	246	ATG	TGA	0	0
mORF_-_3090750	3090750	3090761	-	4	12	TTG	TGA	0	0
mORF_-_3090801	3090801	3090959	-	4	159	TTG	TGA	0	0
mORF_-_3090965	3090965	3091045	-	6	81	ATG	TAA	0	0
mORF_-_3090973	3090973	3090990	-	5	18	ATG	TGA	0	0
mORF_-_3090981	3090981	3091061	-	4	81	TTG	TAA	0	0
mORF_-_3091030	3091030	3091308	-	5	279	GTG	TAG	0	0
mORF_-_3091128	3091128	3091154	-	4	27	TTG	TGA	0	0
mORF_-_3091151	3091151	3091219	-	6	69	ATG	TGA	0	0
mORF_-_3091256	3091256	3091378	-	6	123	TTG	TGA	0	0
mORF_-_3091366	3091366	3091497	-	5	132	ATG	TGA	0	0
mORF_-_3091400	3091400	3091516	-	6	117	GTG	TAG	0	0
mORF_-_3091431	3091431	3091469	-	4	39	TTG	TGA	0	0
mORF_-_3091491	3091491	3091763	-	4	273	TTG	TGA	0	0
mORF_-_3091534	3091534	3091584	-	5	51	TTG	TAA	0	0
mORF_-_3091589	3091589	3091618	-	6	30	TTG	TAA	0	0
mORF_-_3091619	3091619	3091627	-	6	9	GTG	TAA	0	0
mORF_-_3091663	3091663	3091803	-	5	141	ATG	TAA	0	0
mORF_-_3091691	3091691	3091735	-	5	45	ATG	TGA	0	0
mORF_-_3091770	3091770	3091820	-	4	51	GTG	TGA	0	0

mORF_-_3091857	3091857	3091880	-	4	24	TTG	TAG	0	0	
mORF_-_3091935	3091935	3091976	-	4	42	ATG	TAA	0	0	
mORF_-_3091945	3091945	3092073	-	5	129	ATG	TAA	0	0	
mORF_-_3091983	3091983	3092021	-	4	39	GTG	TAA	0	0	
mORF_-_3092009	3092009	3092023	-	6	15	ATG	TAA	0	0	
mORF_-_3092055	3092055	3092114	-	4	60	ATG	TAA	0	0	
mORF_-_3092066	3092066	3092125	-	6	60	GTG	TGA	0	0	
mORF_-_3092122	3092122	3093177	-	5	1056	TTG	TGA	2	0	pORF_-_3092122
mORF_-_3092172	3092172	3092204	-	4	33	ATG	TGA	0	0	
mORF_-_3092262	3092262	3092420	-	4	159	GTG	TGA	0	0	
mORF_-_3092466	3092466	3092495	-	4	30	GTG	TGA	0	0	
mORF_-_3092514	3092514	3092519	-	4	6	ATG	TGA	0	0	
mORF_-_3092519	3092519	3092602	-	6	84	ATG	TGA	0	0	
mORF_-_3092562	3092562	3092579	-	4	18	TTG	TGA	0	0	
mORF_-_3092595	3092595	3092627	-	4	33	TTG	TGA	0	0	
mORF_-_3092643	3092643	3092711	-	4	69	GTG	TGA	0	0	
mORF_-_3092736	3092736	3092987	-	4	252	TTG	TGA	0	0	
mORF_-_3092942	3092942	3092953	-	6	12	GTG	TGA	0	0	
mORF_-_3092984	3092984	3093043	-	6	60	GTG	TGA	0	0	
mORF_-_3093069	3093069	3093086	-	4	18	TTG	TAA	0	0	
mORF_-_3093099	3093099	3093137	-	4	39	ATG	TGA	0	0	
mORF_-_3093104	3093104	3093259	-	6	156	ATG	TAG	0	0	
mORF_-_3093165	3093165	3093323	-	4	159	GTG	TGA	0	0	
mORF_-_3093220	3093220	3093231	-	5	12	TTG	TGA	0	0	
mORF_-_3093348	3093348	3093542	-	4	195	TTG	TAA	0	0	
mORF_-_3093419	3093419	3093457	-	6	39	TTG	TGA	0	0	
mORF_-_3093500	3093500	3093511	-	6	12	ATG	TGA	0	0	
mORF_-_3093511	3093511	3093792	-	5	282	TTG	TAA	0	0	
mORF_-_3093630	3093630	3093869	-	4	240	TTG	TGA	0	0	
mORF_-_3093698	3093698	3093787	-	6	90	GTG	TAG	0	0	
mORF_-_3093829	3093829	3093909	-	5	81	ATG	TAA	0	0	
mORF_-_3093873	3093873	3093980	-	4	108	TTG	TGA	0	0	
mORF_-_3093902	3093902	3093928	-	6	27	ATG	TAA	0	0	
mORF_-_3093937	3093937	3093942	-	5	6	TTG	TAA	0	0	
mORF_-_3093981	3093981	3093992	-	4	12	GTG	TAA	0	0	
mORF_-_3094002	3094002	3094022	-	4	21	TTG	TAA	0	0	
mORF_-_3094048	3094048	3094146	-	5	99	ATG	TAG	0	0	
mORF_-_3094083	3094083	3094106	-	4	24	TTG	TAA	0	0	
mORF_-_3094185	3094185	3094283	-	4	99	TTG	TAA	0	0	
mORF_-_3094234	3094234	3094338	-	5	105	TTG	TGA	0	0	
mORF_-_3094335	3094335	3094367	-	4	33	TTG	TGA	0	0	
mORF_-_3094455	3094455	3094547	-	4	93	TTG	TGA	0	0	
mORF_-_3094489	3094489	3094662	-	5	174	TTG	TAA	0	0	
mORF_-_3094551	3094551	3094649	-	4	99	ATG	TGA	0	0	
mORF_-_3094684	3094684	3094950	-	5	267	ATG	TAA	0	0	
mORF_-_3094688	3094688	3094870	-	6	183	ATG	TAA	0	0	
mORF_-_3094701	3094701	3094724	-	4	24	TTG	TAG	0	0	
mORF_-_3094839	3094839	3095018	-	4	180	TTG	TAA	0	0	
mORF_-_3094889	3094889	3095248	-	6	360	GTG	TAA	0	0	
mORF_-_3095080	3095080	3095154	-	5	75	GTG	TGA	0	0	
mORF_-_3095133	3095133	3095177	-	4	45	TTG	TAA	0	0	
mORF_-_3095167	3095167	3095241	-	5	75	ATG	TAA	0	0	
mORF_-_3095298	3095298	3095717	-	4	420	TTG	TAA	0	0	
mORF_-_3095315	3095315	3095320	-	6	6	ATG	TAG	0	0	
mORF_-_3095321	3095321	3095365	-	6	45	TTG	TGA	0	0	
mORF_-_3095408	3095408	3095434	-	6	27	TTG	TGA	0	0	
mORF_-_3095419	3095419	3095472	-	5	54	TTG	TAA	0	0	
mORF_-_3095450	3095450	3095599	-	6	150	GTG	TGA	0	0	
mORF_-_3095627	3095627	3095650	-	6	24	ATG	TGA	0	0	
mORF_-_3095757	3095757	3095801	-	4	45	TTG	TAA	0	0	
mORF_-_3095767	3095767	3095913	-	5	147	GTG	TAA	0	0	
mORF_-_3095798	3095798	3095839	-	6	42	ATG	TGA	0	0	
mORF_-_3095826	3095826	3095963	-	4	138	ATG	TAG	0	0	

mORF_-_3095870	3095870	3095890	-	6	21	TTG	TGA	0	0	
mORF_-_3095970	3095970	3096164	-	4	195	TTG	TAA	0	0	
mORF_-_3096008	3096008	3096016	-	6	9	TTG	TAA	0	0	
mORF_-_3096026	3096026	3096046	-	6	21	TTG	TGA	0	0	
mORF_-_3096043	3096043	3096090	-	5	48	GTG	TGA	0	0	
mORF_-_3096065	3096065	3096136	-	6	72	TTG	TAG	0	0	
mORF_-_3096143	3096143	3096202	-	6	60	GTG	TGA	0	0	
mORF_-_3096268	3096268	3096309	-	5	42	GTG	TAA	0	0	
mORF_-_3096312	3096312	3096377	-	4	66	ATG	TAA	0	0	
mORF_-_3096335	3096335	3096343	-	6	9	GTG	TAA	0	0	
mORF_-_3096340	3096340	3096513	-	5	174	ATG	TGA	0	0	
mORF_-_3096456	3096456	3096470	-	4	15	ATG	TAA	0	0	
mORF_-_3096513	3096513	3096542	-	4	30	TTG	TGA	0	0	
mORF_-_3096539	3096539	3096550	-	6	12	ATG	TGA	0	0	
mORF_-_3096555	3096555	3096569	-	4	15	GTG	TAG	0	0	
mORF_-_3096569	3096569	3096577	-	6	9	TTG	TAG	0	0	
mORF_-_3096580	3096580	3097587	-	5	1008	GTG	TAA	0	0	
mORF_-_3096588	3096588	3096656	-	4	69	TTG	TGA	0	0	
mORF_-_3096735	3096735	3096950	-	4	216	GTG	TAA	0	0	
mORF_-_3096839	3096839	3096847	-	6	9	GTG	TGA	0	0	
mORF_-_3096860	3096860	3096868	-	6	9	ATG	TAA	0	0	
mORF_-_3096987	3096987	3097061	-	4	75	TTG	TGA	0	0	
mORF_-_3096995	3096995	3097018	-	6	24	TTG	TAA	0	0	
mORF_-_3097110	3097110	3097124	-	4	15	TTG	TGA	0	0	
mORF_-_3097164	3097164	3097208	-	4	45	GTG	TGA	0	0	
mORF_-_3097296	3097296	3097430	-	4	135	TTG	TAA	0	0	
mORF_-_3097437	3097437	3097454	-	4	18	TTG	TAA	0	0	
mORF_-_3097494	3097494	3097535	-	4	42	ATG	TAA	0	0	
mORF_-_3097535	3097535	3097576	-	6	42	ATG	TAA	0	0	
mORF_-_3097545	3097545	3097571	-	4	27	TTG	TGA	0	0	
mORF_-_3097584	3097584	3097685	-	4	102	GTG	TGA	0	0	
mORF_-_3097598	3097598	3097651	-	6	54	TTG	TGA	0	0	
mORF_-_3097704	3097704	3098750	-	4	1047	ATG	TAA	2	4	pORF_-_3097704
mORF_-_3097793	3097793	3097987	-	6	195	ATG	TGA	0	0	
mORF_-_3097988	3097988	3098059	-	6	72	ATG	TAG	0	0	
mORF_-_3098060	3098060	3098125	-	6	66	TTG	TGA	0	0	
mORF_-_3098180	3098180	3098233	-	6	54	ATG	TAG	0	0	
mORF_-_3098240	3098240	3098254	-	6	15	GTG	TAG	0	0	
mORF_-_3098293	3098293	3098373	-	5	81	ATG	TAA	0	0	
mORF_-_3098483	3098483	3098494	-	6	12	ATG	TGA	0	0	
mORF_-_3098525	3098525	3098551	-	6	27	TTG	TAG	0	0	
mORF_-_3098558	3098558	3098575	-	6	18	ATG	TAA	0	0	
mORF_-_3098588	3098588	3098647	-	6	60	TTG	TAG	0	0	
mORF_-_3098663	3098663	3098782	-	6	120	ATG	TAG	0	0	
mORF_-_3098789	3098789	3098821	-	6	33	TTG	TAA	0	0	
mORF_-_3098823	3098823	3098873	-	4	51	TTG	TAA	0	0	
mORF_-_3098849	3098849	3098893	-	6	45	ATG	TAG	0	0	
mORF_-_3098926	3098926	3099645	-	5	720	ATG	TAA	23	106	pORF_-_3098926
mORF_-_3098970	3098970	3099077	-	4	108	ATG	TGA	0	0	
mORF_-_3098981	3098981	3099031	-	6	51	GTG	TAG	0	0	
mORF_-_3099102	3099102	3099152	-	4	51	GTG	TGA	0	0	
mORF_-_3099168	3099168	3099200	-	4	33	TTG	TAG	0	0	
mORF_-_3099219	3099219	3099242	-	4	24	TTG	TGA	0	0	
mORF_-_3099264	3099264	3099278	-	4	15	TTG	TGA	0	0	
mORF_-_3099285	3099285	3099449	-	4	165	ATG	TGA	0	0	
mORF_-_3099383	3099383	3099391	-	6	9	GTG	TGA	0	0	
mORF_-_3099522	3099522	3099548	-	4	27	TTG	TGA	0	0	
mORF_-_3099549	3099549	3099560	-	4	12	GTG	TGA	0	0	
mORF_-_3099557	3099557	3099763	-	6	207	ATG	TGA	0	0	
mORF_-_3099655	3099655	3099717	-	5	63	ATG	TGA	0	0	
mORF_-_3099666	3099666	3099806	-	4	141	ATG	TGA	0	0	
mORF_-_3099748	3099748	3099813	-	5	66	ATG	TAG	0	0	
mORF_-_3099791	3099791	3099841	-	6	51	TTG	TGA	0	0	

mORF_-_3099810	3099810	3099905	-	4	96	TTG	TGA	0	0	
mORF_-_3099829	3099829	3100185	-	5	357	ATG	TAA	10	109	pORF_-_3099829
mORF_-_3099869	3099869	3099895	-	6	27	GTG	TGA	0	0	
mORF_-_3099896	3099896	3099928	-	6	33	ATG	TAA	0	0	
mORF_-_3099951	3099951	3100043	-	4	93	TTG	TGA	0	0	
mORF_-_3100040	3100040	3100078	-	6	39	ATG	TGA	0	0	
mORF_-_3100155	3100155	3100874	-	4	720	ATG	TAA	15	150	pORF_-_3100155
mORF_-_3100175	3100175	3100219	-	6	45	TTG	TAA	0	0	
mORF_-_3100226	3100226	3100291	-	6	66	TTG	TGA	0	0	
mORF_-_3100301	3100301	3100324	-	6	24	ATG	TGA	0	0	
mORF_-_3100379	3100379	3100393	-	6	15	TTG	TAA	0	0	
mORF_-_3100420	3100420	3100440	-	5	21	GTG	TAA	0	0	
mORF_-_3100487	3100487	3100513	-	6	27	ATG	TGA	0	0	
mORF_-_3100504	3100504	3100521	-	5	18	GTG	TGA	0	0	
mORF_-_3100538	3100538	3100672	-	6	135	TTG	TAA	0	0	
mORF_-_3100549	3100549	3100569	-	5	21	GTG	TGA	0	0	
mORF_-_3100676	3100676	3100735	-	6	60	TTG	TGA	0	0	
mORF_-_3100742	3100742	3100768	-	6	27	ATG	TGA	0	0	
mORF_-_3100784	3100784	3100846	-	6	63	TTG	TGA	0	0	
mORF_-_3100871	3100871	3100915	-	6	45	ATG	TGA	0	0	
mORF_-_3100881	3100881	3101117	-	4	237	TTG	TAA	0	0	
mORF_-_3100915	3100915	3101049	-	5	135	TTG	TAA	0	0	
mORF_-_3100925	3100925	3100945	-	6	21	ATG	TAA	0	0	
mORF_-_3100976	3100976	3101017	-	6	42	TTG	TAA	0	0	
mORF_-_3101053	3101053	3101109	-	5	57	TTG	TGA	0	0	
mORF_-_3101124	3101124	3101129	-	4	6	TTG	TAG	0	0	
mORF_-_3101140	3101140	3101319	-	5	180	TTG	TGA	0	0	
mORF_-_3101184	3101184	3101234	-	4	51	TTG	TAG	0	0	
mORF_-_3101198	3101198	3101374	-	6	177	GTG	TAA	0	0	
mORF_-_3101280	3101280	3101459	-	4	180	TTG	TAA	0	0	
mORF_-_3101329	3101329	3101433	-	5	105	GTG	TAA	0	0	
mORF_-_3101577	3101577	3101675	-	4	99	TTG	TGA	0	0	
mORF_-_3101644	3101644	3101649	-	5	6	TTG	TAG	0	0	
mORF_-_3101688	3101688	3101729	-	4	42	GTG	TAA	0	0	
mORF_-_3101733	3101733	3102071	-	4	339	GTG	TAG	0	0	
mORF_-_3101746	3101746	3101754	-	5	9	GTG	TAA	0	0	
mORF_-_3101806	3101806	3101928	-	5	123	GTG	TAA	0	0	
mORF_-_3101942	3101942	3101965	-	6	24	ATG	TAG	0	0	
mORF_-_3102007	3102007	3102015	-	5	9	TTG	TAA	0	0	
mORF_-_3102064	3102064	3102516	-	5	453	TTG	TAA	0	0	
mORF_-_3102171	3102171	3102203	-	4	33	ATG	TGA	0	0	
mORF_-_3102204	3102204	3102329	-	4	126	TTG	TAG	0	0	
mORF_-_3102326	3102326	3102748	-	6	423	ATG	TGA	0	0	
mORF_-_3102366	3102366	3102446	-	4	81	GTG	TAG	0	0	
mORF_-_3102529	3102529	3102618	-	5	90	TTG	TAG	0	0	
mORF_-_3102646	3102646	3102660	-	5	15	GTG	TAG	0	0	
mORF_-_3102670	3102670	3102768	-	5	99	TTG	TGA	0	0	
mORF_-_3102711	3102711	3102761	-	4	51	TTG	TAG	0	0	
mORF_-_3102773	3102773	3103024	-	6	252	GTG	TAA	0	0	
mORF_-_3102828	3102828	3102908	-	4	81	TTG	TAA	0	0	
mORF_-_3102859	3102859	3102912	-	5	54	TTG	TGA	0	0	
mORF_-_3102922	3102922	3102972	-	5	51	ATG	TAA	0	0	
mORF_-_3102973	3102973	3103290	-	5	318	TTG	TAG	0	0	
mORF_-_3102987	3102987	3103091	-	4	105	TTG	TAA	0	0	
mORF_-_3103128	3103128	3103322	-	4	195	ATG	TGA	0	0	
mORF_-_3103151	3103151	3103705	-	6	555	GTG	TAA	0	0	
mORF_-_3103330	3103330	3103344	-	5	15	GTG	TAA	0	0	
mORF_-_3103399	3103399	3103425	-	5	27	ATG	TGA	0	0	
mORF_-_3103540	3103540	3103674	-	5	135	ATG	TAA	0	0	
mORF_-_3103584	3103584	3103619	-	4	36	TTG	TGA	0	0	
mORF_-_3103684	3103684	3103737	-	5	54	ATG	TGA	0	0	
mORF_-_3103698	3103698	3103718	-	4	21	GTG	TGA	0	0	
mORF_-_3103851	3103851	3103874	-	4	24	GTG	TAG	0	0	

mORF_-_3103864	3103864	3104004	-	5	141	GTG	TAA	0	0	
mORF_-_3103931	3103931	3103963	-	6	33	GTG	TAA	0	0	
mORF_-_3103986	3103986	3103997	-	4	12	GTG	TGA	0	0	
mORF_-_3104001	3104001	3104009	-	4	9	GTG	TGA	0	0	
mORF_-_3104037	3104037	3104060	-	4	24	TTG	TAA	0	0	
mORF_-_3104050	3104050	3104082	-	5	33	ATG	TAA	0	0	
mORF_-_3104069	3104069	3104101	-	6	33	TTG	TAA	0	0	
mORF_-_3104089	3104089	3104247	-	5	159	ATG	TAG	0	0	
mORF_-_3104121	3104121	3104138	-	4	18	TTG	TAA	0	0	
mORF_-_3104166	3104166	3104237	-	4	72	GTG	TGA	0	0	
mORF_-_3104204	3104204	3104299	-	6	96	TTG	TAA	0	0	
mORF_-_3104289	3104289	3104339	-	4	51	ATG	TAG	0	0	
mORF_-_3104305	3104305	3104547	-	5	243	ATG	TGA	0	0	
mORF_-_3104349	3104349	3104369	-	4	21	TTG	TAA	0	0	
mORF_-_3104376	3104376	3104387	-	4	12	TTG	TAA	0	0	
mORF_-_3104384	3104384	3104491	-	6	108	ATG	TGA	0	0	
mORF_-_3104478	3104478	3104498	-	4	21	TTG	TAA	0	0	
mORF_-_3104558	3104558	3104989	-	6	432	GTG	TAA	0	0	
mORF_-_3104592	3104592	3104699	-	4	108	ATG	TGA	0	0	
mORF_-_3104686	3104686	3104865	-	5	180	ATG	TAA	0	0	
mORF_-_3104745	3104745	3104771	-	4	27	GTG	TAA	0	0	
mORF_-_3104902	3104902	3104973	-	5	72	GTG	TAA	0	0	
mORF_-_3104940	3104940	3104975	-	4	36	GTG	TGA	0	0	
mORF_-_3104989	3104989	3105000	-	5	12	TTG	TAG	0	0	
mORF_-_3105042	3105042	3107237	-	4	2196	ATG	TAA	11	28	pORF_-_3105042
mORF_-_3105047	3105047	3105055	-	6	9	ATG	TGA	0	0	
mORF_-_3105071	3105071	3105103	-	6	33	GTG	TGA	0	0	
mORF_-_3105094	3105094	3105207	-	5	114	TTG	TAG	0	0	
mORF_-_3105137	3105137	3105313	-	6	177	ATG	TGA	0	0	
mORF_-_3105304	3105304	3105417	-	5	114	GTG	TAG	0	0	
mORF_-_3105326	3105326	3105517	-	6	192	TTG	TGA	0	0	
mORF_-_3105514	3105514	3105603	-	5	90	GTG	TGA	0	0	
mORF_-_3105572	3105572	3105787	-	6	216	TTG	TAA	0	0	
mORF_-_3105670	3105670	3105723	-	5	54	GTG	TAG	0	0	
mORF_-_3105757	3105757	3105771	-	5	15	GTG	TGA	0	0	
mORF_-_3105784	3105784	3105840	-	5	57	GTG	TGA	0	0	
mORF_-_3105812	3105812	3105916	-	6	105	TTG	TAG	0	0	
mORF_-_3105920	3105920	3106027	-	6	108	ATG	TAG	0	0	
mORF_-_3105925	3105925	3105933	-	5	9	GTG	TGA	0	0	
mORF_-_3105934	3105934	3105942	-	5	9	GTG	TGA	0	0	
mORF_-_3106054	3106054	3106065	-	5	12	TTG	TAA	0	0	
mORF_-_3106154	3106154	3106159	-	6	6	TTG	TGA	0	0	
mORF_-_3106214	3106214	3106282	-	6	69	TTG	TGA	0	0	
mORF_-_3106231	3106231	3106245	-	5	15	GTG	TGA	0	0	
mORF_-_3106267	3106267	3106272	-	5	6	GTG	TGA	0	0	
mORF_-_3106292	3106292	3106456	-	6	165	TTG	TGA	0	0	
mORF_-_3106505	3106505	3106564	-	6	60	GTG	TGA	0	0	
mORF_-_3106568	3106568	3106579	-	6	12	ATG	TAA	0	0	
mORF_-_3106613	3106613	3106687	-	6	75	ATG	TGA	0	0	
mORF_-_3106709	3106709	3106846	-	6	138	TTG	TAA	0	0	
mORF_-_3106720	3106720	3106725	-	5	6	GTG	TAA	0	0	
mORF_-_3106789	3106789	3106821	-	5	33	TTG	TAA	0	0	
mORF_-_3106856	3106856	3106894	-	6	39	ATG	TGA	0	0	
mORF_-_3106891	3106891	3106926	-	5	36	GTG	TGA	0	0	
mORF_-_3106946	3106946	3107161	-	6	216	TTG	TAA	0	0	
mORF_-_3107149	3107149	3107217	-	5	69	TTG	TAG	0	0	
mORF_-_3107174	3107174	3107260	-	6	87	GTG	TGA	0	0	
mORF_-_3107257	3107257	3107460	-	5	204	TTG	TGA	0	0	
mORF_-_3107280	3107280	3107528	-	4	249	TTG	TGA	0	0	
mORF_-_3107339	3107339	3107554	-	6	216	TTG	TGA	0	0	
mORF_-_3107461	3107461	3107469	-	5	9	GTG	TGA	0	0	
mORF_-_3107476	3107476	3107511	-	5	36	TTG	TAG	0	0	
mORF_-_3107533	3107533	3107550	-	5	18	TTG	TGA	0	0	

mORF_-_3107547	3107547	3107828	-	4	282	TTG	TGA	0	0	
mORF_-_3107600	3107600	3107635	-	6	36	GTG	TAG	0	0	
mORF_-_3107611	3107611	3107646	-	5	36	TTG	TAA	0	0	
mORF_-_3107639	3107639	3107698	-	6	60	ATG	TGA	0	0	
mORF_-_3107776	3107776	3107850	-	5	75	GTG	TAG	0	0	
mORF_-_3107810	3107810	3107854	-	6	45	GTG	TGA	0	0	
mORF_-_3107851	3107851	3107871	-	5	21	ATG	TGA	0	0	
mORF_-_3107889	3107889	3108221	-	4	333	ATG	TAA	0	0	
mORF_-_3107900	3107900	3107992	-	6	93	ATG	TAA	0	0	
mORF_-_3108053	3108053	3108064	-	6	12	ATG	TAA	0	0	
mORF_-_3108071	3108071	3108124	-	6	54	GTG	TGA	0	0	
mORF_-_3108143	3108143	3108175	-	6	33	TTG	TGA	0	0	
mORF_-_3108181	3108181	3108303	-	5	123	TTG	TAA	0	0	
mORF_-_3108215	3108215	3108244	-	6	30	TTG	TGA	0	0	
mORF_-_3108373	3108373	3108516	-	5	144	TTG	TAA	0	0	
mORF_-_3108399	3108399	3108464	-	4	66	GTG	TGA	0	0	
mORF_-_3108464	3108464	3108526	-	6	63	GTG	TAG	0	0	
mORF_-_3108471	3108471	3108488	-	4	18	TTG	TAA	0	0	
mORF_-_3108535	3108535	3108570	-	5	36	GTG	TAA	0	0	
mORF_-_3108596	3108596	3108643	-	6	48	ATG	TAA	0	0	
mORF_-_3108612	3108612	3109148	-	4	537	ATG	TAA	0	0	
mORF_-_3108644	3108644	3108679	-	6	36	TTG	TGA	0	0	
mORF_-_3108686	3108686	3108709	-	6	24	ATG	TGA	0	0	
mORF_-_3108706	3108706	3108726	-	5	21	ATG	TGA	0	0	
mORF_-_3108728	3108728	3108739	-	6	12	ATG	TGA	0	0	
mORF_-_3108755	3108755	3108781	-	6	27	GTG	TAG	0	0	
mORF_-_3108788	3108788	3108883	-	6	96	TTG	TAG	0	0	
mORF_-_3108917	3108917	3108958	-	6	42	TTG	TGA	0	0	
mORF_-_3108968	3108968	3109090	-	6	123	GTG	TGA	0	0	
mORF_-_3109094	3109094	3109108	-	6	15	GTG	TAA	0	0	
mORF_-_3109105	3109105	3109113	-	5	9	ATG	TGA	0	0	
mORF_-_3109150	3109150	3110043	-	5	894	TTG	TAA	0	0	
mORF_-_3109167	3109167	3109325	-	4	159	GTG	TAA	0	0	
mORF_-_3109310	3109310	3109651	-	6	342	GTG	TGA	0	0	
mORF_-_3109455	3109455	3109460	-	4	6	TTG	TGA	0	0	
mORF_-_3109548	3109548	3109574	-	4	27	TTG	TGA	0	0	
mORF_-_3109659	3109659	3109685	-	4	27	ATG	TGA	0	0	
mORF_-_3109716	3109716	3109766	-	4	51	TTG	TGA	0	0	
mORF_-_3109724	3109724	3109744	-	6	21	ATG	TGA	0	0	
mORF_-_3109779	3109779	3109982	-	4	204	TTG	TAA	0	0	
mORF_-_3109802	3109802	3109864	-	6	63	ATG	TGA	0	0	
mORF_-_3109865	3109865	3109975	-	6	111	GTG	TGA	0	0	
mORF_-_3110040	3110040	3110063	-	4	24	ATG	TGA	0	0	
mORF_-_3110060	3110060	3110146	-	6	87	GTG	TGA	0	0	
mORF_-_3110076	3110076	3111071	-	4	996	TTG	TGA	1	3	pORF_-_3110076
mORF_-_3110198	3110198	3110206	-	6	9	TTG	TGA	0	0	
mORF_-_3110240	3110240	3110467	-	6	228	GTG	TAA	0	0	
mORF_-_3110486	3110486	3110494	-	6	9	TTG	TGA	0	0	
mORF_-_3110555	3110555	3110581	-	6	27	TTG	TGA	0	0	
mORF_-_3110582	3110582	3110695	-	6	114	ATG	TGA	0	0	
mORF_-_3110735	3110735	3110767	-	6	33	TTG	TAA	0	0	
mORF_-_3110786	3110786	3110827	-	6	42	GTG	TAA	0	0	
mORF_-_3110930	3110930	3110953	-	6	24	TTG	TGA	0	0	
mORF_-_3110998	3110998	3111027	-	5	30	ATG	TAA	0	0	
mORF_-_3111020	3111020	3111061	-	6	42	TTG	TGA	0	0	
mORF_-_3111089	3111089	3111499	-	6	411	ATG	TAA	0	0	
mORF_-_3111100	3111100	3111159	-	5	60	ATG	TAG	0	0	
mORF_-_3111213	3111213	3111221	-	4	9	GTG	TGA	0	0	
mORF_-_3111331	3111331	3111432	-	5	102	GTG	TAG	0	0	
mORF_-_3111531	3111531	3111542	-	4	12	GTG	TAA	0	0	
mORF_-_3111539	3111539	3111679	-	6	141	ATG	TGA	0	0	
mORF_-_3111565	3111565	3112497	-	5	933	ATG	TAA	0	0	
mORF_-_3111609	3111609	3111662	-	4	54	ATG	TAA	0	0	

mORF_-_3111687	3111687	3111728	-	4	42	GTG	TAA	0	0	
mORF_-_3111729	3111729	3111752	-	4	24	ATG	TAG	0	0	
mORF_-_3111773	3111773	3112003	-	6	231	ATG	TAA	0	0	
mORF_-_3111792	3111792	3111887	-	4	96	TTG	TAG	0	0	
mORF_-_3111888	3111888	3111965	-	4	78	TTG	TGA	0	0	
mORF_-_3111987	3111987	3112043	-	4	57	TTG	TGA	0	0	
mORF_-_3112119	3112119	3112199	-	4	81	TTG	TGA	0	0	
mORF_-_3112145	3112145	3112171	-	6	27	TTG	TGA	0	0	
mORF_-_3112203	3112203	3112232	-	4	30	GTG	TAA	0	0	
mORF_-_3112229	3112229	3112279	-	6	51	TTG	TGA	0	0	
mORF_-_3112281	3112281	3112289	-	4	9	ATG	TGA	0	0	
mORF_-_3112308	3112308	3112367	-	4	60	TTG	TGA	0	0	
mORF_-_3112364	3112364	3112504	-	6	141	TTG	TGA	0	0	
mORF_-_3112525	3112525	3112533	-	5	9	ATG	TAA	0	0	
mORF_-_3112572	3112572	3117152	-	4	4581	TTG	TAA	9	14	pORF_-_3112572
mORF_-_3112606	3112606	3112743	-	5	138	ATG	TAA	0	0	
mORF_-_3112676	3112676	3112681	-	6	6	GTG	TGA	0	0	
mORF_-_3112694	3112694	3112789	-	6	96	GTG	TGA	0	0	
mORF_-_3112747	3112747	3112791	-	5	45	GTG	TAA	0	0	
mORF_-_3112796	3112796	3112870	-	6	75	ATG	TGA	0	0	
mORF_-_3112916	3112916	3112984	-	6	69	TTG	TGA	0	0	
mORF_-_3112924	3112924	3112971	-	5	48	ATG	TGA	0	0	
mORF_-_3112981	3112981	3113001	-	5	21	ATG	TGA	0	0	
mORF_-_3113021	3113021	3113113	-	6	93	GTG	TGA	0	0	
mORF_-_3113032	3113032	3113055	-	5	24	ATG	TGA	0	0	
mORF_-_3113117	3113117	3113182	-	6	66	GTG	TGA	0	0	
mORF_-_3113192	3113192	3113227	-	6	36	ATG	TGA	0	0	
mORF_-_3113297	3113297	3113431	-	6	135	ATG	TAA	0	0	
mORF_-_3113432	3113432	3113500	-	6	69	ATG	TGA	0	0	
mORF_-_3113501	3113501	3113551	-	6	51	GTG	TGA	0	0	
mORF_-_3113548	3113548	3113586	-	5	39	ATG	TGA	0	0	
mORF_-_3113612	3113612	3113647	-	6	36	ATG	TAA	0	0	
mORF_-_3113675	3113675	3113683	-	6	9	GTG	TGA	0	0	
mORF_-_3113756	3113756	3113779	-	6	24	GTG	TGA	0	0	
mORF_-_3113816	3113816	3113989	-	6	174	TTG	TGA	0	0	
mORF_-_3113839	3113839	3113871	-	5	33	GTG	TAA	0	0	
mORF_-_3113890	3113890	3113904	-	5	15	ATG	TAA	0	0	
mORF_-_3113986	3113986	3114009	-	5	24	GTG	TGA	0	0	
mORF_-_3114077	3114077	3114103	-	6	27	GTG	TGA	0	0	
mORF_-_3114118	3114118	3114153	-	5	36	GTG	TAA	0	0	
mORF_-_3114137	3114137	3114178	-	6	42	ATG	TGA	0	0	
mORF_-_3114191	3114191	3114244	-	6	54	ATG	TGA	0	0	
mORF_-_3114241	3114241	3114267	-	5	27	GTG	TGA	0	0	
mORF_-_3114314	3114314	3114358	-	6	45	ATG	TGA	0	0	
mORF_-_3114434	3114434	3114517	-	6	84	ATG	TAA	0	0	
mORF_-_3114532	3114532	3114540	-	5	9	GTG	TAA	0	0	
mORF_-_3114587	3114587	3114652	-	6	66	ATG	TGA	0	0	
mORF_-_3114653	3114653	3114697	-	6	45	ATG	TAG	0	0	
mORF_-_3114697	3114697	3114726	-	5	30	GTG	TGA	0	0	
mORF_-_3114710	3114710	3114772	-	6	63	ATG	TAG	0	0	
mORF_-_3114773	3114773	3114793	-	6	21	ATG	TAG	0	0	
mORF_-_3114790	3114790	3114801	-	5	12	TTG	TGA	0	0	
mORF_-_3114872	3114872	3114913	-	6	42	TTG	TGA	0	0	
mORF_-_3114962	3114962	3114976	-	6	15	GTG	TGA	0	0	
mORF_-_3115004	3115004	3115009	-	6	6	ATG	TGA	0	0	
mORF_-_3115019	3115019	3115060	-	6	42	ATG	TGA	0	0	
mORF_-_3115082	3115082	3115093	-	6	12	TTG	TGA	0	0	
mORF_-_3115106	3115106	3115141	-	6	36	ATG	TGA	0	0	
mORF_-_3115148	3115148	3115222	-	6	75	ATG	TAA	0	0	
mORF_-_3115228	3115228	3115290	-	5	63	ATG	TAA	0	0	
mORF_-_3115334	3115334	3115372	-	6	39	ATG	TGA	0	0	
mORF_-_3115339	3115339	3115365	-	5	27	GTG	TGA	0	0	
mORF_-_3115378	3115378	3115413	-	5	36	TTG	TAA	0	0	

mORF_-_3115451	3115451	3115621	-	6	171	ATG	TGA	0	0	
mORF_-_3115661	3115661	3115807	-	6	147	ATG	TGA	0	0	
mORF_-_3115714	3115714	3115767	-	5	54	GTG	TGA	0	0	
mORF_-_3115817	3115817	3115960	-	6	144	GTG	TGA	0	0	
mORF_-_3115840	3115840	3115863	-	5	24	TTG	TAA	0	0	
mORF_-_3115994	3115994	3116116	-	6	123	GTG	TGA	0	0	
mORF_-_3116126	3116126	3116224	-	6	99	ATG	TGA	0	0	
mORF_-_3116234	3116234	3116281	-	6	48	ATG	TGA	0	0	
mORF_-_3116378	3116378	3116476	-	6	99	ATG	TGA	0	0	
mORF_-_3116539	3116539	3116571	-	5	33	TTG	TAA	0	0	
mORF_-_3116609	3116609	3116824	-	6	216	GTG	TAA	0	0	
mORF_-_3116749	3116749	3116763	-	5	15	TTG	TAA	0	0	
mORF_-_3117020	3117020	3117064	-	6	45	GTG	TAG	0	0	
mORF_-_3117061	3117061	3117066	-	5	6	TTG	TGA	0	0	
mORF_-_3117134	3117134	3117157	-	6	24	TTG	TAA	0	0	
mORF_-_3117190	3117190	3117222	-	5	33	ATG	TAA	0	0	
mORF_-_3117225	3117225	3117242	-	4	18	ATG	TAA	0	0	
mORF_-_3117278	3117278	3117337	-	6	60	ATG	TAG	0	0	
mORF_-_3117303	3117303	3117323	-	4	21	TTG	TAA	0	0	
mORF_-_3117328	3117328	3117342	-	5	15	GTG	TAA	0	0	
mORF_-_3117339	3117339	3117344	-	4	6	TTG	TGA	0	0	
mORF_-_3117372	3117372	3117422	-	4	51	TTG	TAA	0	0	
mORF_-_3117379	3117379	3117396	-	5	18	TTG	TAA	0	0	
mORF_-_3117419	3117419	3117430	-	6	12	ATG	TGA	0	0	
mORF_-_3117433	3117433	3117477	-	5	45	GTG	TAA	0	0	
mORF_-_3117482	3117482	3117604	-	6	123	ATG	TAA	0	0	
mORF_-_3117490	3117490	3117555	-	5	66	TTG	TAA	0	0	
mORF_-_3117516	3117516	3117527	-	4	12	ATG	TAA	0	0	
mORF_-_3117619	3117619	3119301	-	5	1683	ATG	TAA	1	2	pORF_-_3117619
mORF_-_3117627	3117627	3117686	-	4	60	TTG	TAG	0	0	
mORF_-_3117795	3117795	3117878	-	4	84	TTG	TAA	0	0	
mORF_-_3117887	3117887	3118060	-	6	174	GTG	TAA	0	0	
mORF_-_3117957	3117957	3118043	-	4	87	TTG	TGA	0	0	
mORF_-_3118071	3118071	3118220	-	4	150	TTG	TAA	0	0	
mORF_-_3118272	3118272	3118304	-	4	33	TTG	TGA	0	0	
mORF_-_3118313	3118313	3118372	-	6	60	GTG	TAA	0	0	
mORF_-_3118434	3118434	3118448	-	4	15	GTG	TAA	0	0	
mORF_-_3118530	3118530	3118616	-	4	87	TTG	TGA	0	0	
mORF_-_3118574	3118574	3118825	-	6	252	GTG	TAA	0	0	
mORF_-_3118668	3118668	3118730	-	4	63	TTG	TAG	0	0	
mORF_-_3118752	3118752	3118817	-	4	66	TTG	TAA	0	0	
mORF_-_3118818	3118818	3118940	-	4	123	TTG	TGA	0	0	
mORF_-_3118941	3118941	3119018	-	4	78	TTG	TGA	0	0	
mORF_-_3119022	3119022	3119051	-	4	30	TTG	TAA	0	0	
mORF_-_3119027	3119027	3119071	-	6	45	ATG	TAA	0	0	
mORF_-_3119061	3119061	3119144	-	4	84	TTG	TAG	0	0	
mORF_-_3119166	3119166	3119183	-	4	18	ATG	TAA	0	0	
mORF_-_3119190	3119190	3119213	-	4	24	TTG	TGA	0	0	
mORF_-_3119324	3119324	3119359	-	6	36	TTG	TAA	0	0	
mORF_-_3119388	3119388	3119438	-	4	51	ATG	TAA	0	0	
mORF_-_3119395	3119395	3119505	-	5	111	ATG	TAA	0	0	
mORF_-_3119414	3119414	3119422	-	6	9	TTG	TAG	0	0	
mORF_-_3119426	3119426	3119473	-	6	48	GTG	TAG	0	0	
mORF_-_3119577	3119577	3119615	-	4	39	ATG	TAA	0	0	
mORF_-_3119612	3119612	3119626	-	6	15	TTG	TGA	0	0	
mORF_-_3119656	3119656	3121827	-	5	2172	ATG	TAA	59	322	pORF_-_3119656
mORF_-_3119739	3119739	3119828	-	4	90	TTG	TAA	0	0	
mORF_-_3119756	3119756	3119767	-	6	12	GTG	TAA	0	0	
mORF_-_3119825	3119825	3119980	-	6	156	TTG	TGA	0	0	
mORF_-_3119943	3119943	3120086	-	4	144	TTG	TGA	0	0	
mORF_-_3120096	3120096	3120248	-	4	153	GTG	TGA	0	0	
mORF_-_3120125	3120125	3120304	-	6	180	GTG	TGA	0	0	
mORF_-_3120285	3120285	3120341	-	4	57	GTG	TGA	0	0	

mORF_-_3120365	3120365	3120388	-	6	24	TTG	TAA	0	0	
mORF_-_3120435	3120435	3120452	-	4	18	ATG	TGA	0	0	
mORF_-_3120528	3120528	3120551	-	4	24	ATG	TGA	0	0	
mORF_-_3120567	3120567	3120602	-	4	36	TTG	TGA	0	0	
mORF_-_3120660	3120660	3120665	-	4	6	TTG	TGA	0	0	
mORF_-_3120702	3120702	3120719	-	4	18	TTG	TAA	0	0	
mORF_-_3120729	3120729	3120764	-	4	36	ATG	TGA	0	0	
mORF_-_3120761	3120761	3120781	-	6	21	TTG	TGA	0	0	
mORF_-_3120798	3120798	3120887	-	4	90	ATG	TGA	0	0	
mORF_-_3120948	3120948	3121115	-	4	168	TTG	TGA	0	0	
mORF_-_3121134	3121134	3121217	-	4	84	ATG	TGA	0	0	
mORF_-_3121221	3121221	3121409	-	4	189	ATG	TGA	0	0	
mORF_-_3121461	3121461	3121514	-	4	54	TTG	TGA	0	0	
mORF_-_3121533	3121533	3121571	-	4	39	GTG	TGA	0	0	
mORF_-_3121595	3121595	3121630	-	6	36	GTG	TAA	0	0	
mORF_-_3121602	3121602	3121793	-	4	192	TTG	TAA	0	0	
mORF_-_3121824	3121824	3121892	-	4	69	ATG	TGA	0	0	
mORF_-_3121849	3121849	3122271	-	5	423	TTG	TAA	10	58	pORF_-_3121849
mORF_-_3121905	3121905	3121952	-	4	48	TTG	TAA	0	0	
mORF_-_3122016	3122016	3122096	-	4	81	TTG	TGA	0	0	
mORF_-_3122042	3122042	3122107	-	6	66	TTG	TGA	0	0	
mORF_-_3122121	3122121	3122216	-	4	96	GTG	TAA	0	0	
mORF_-_3122258	3122258	3123628	-	6	1371	ATG	TAA	0	0	
mORF_-_3122281	3122281	3122346	-	5	66	TTG	TAG	0	0	
mORF_-_3122289	3122289	3122342	-	4	54	TTG	TGA	0	0	
mORF_-_3122362	3122362	3122391	-	5	30	ATG	TGA	0	0	
mORF_-_3122400	3122400	3122561	-	4	162	GTG	TAA	0	0	
mORF_-_3122434	3122434	3122442	-	5	9	ATG	TAA	0	0	
mORF_-_3122488	3122488	3122502	-	5	15	TTG	TAA	0	0	
mORF_-_3122533	3122533	3122547	-	5	15	ATG	TGA	0	0	
mORF_-_3122635	3122635	3122688	-	5	54	ATG	TAG	0	0	
mORF_-_3122695	3122695	3122856	-	5	162	GTG	TGA	1	2	pORF_-_3122695
mORF_-_3122769	3122769	3122783	-	4	15	GTG	TGA	0	0	
mORF_-_3122832	3122832	3122858	-	4	27	TTG	TAA	0	0	
mORF_-_3123085	3123085	3123093	-	5	9	GTG	TGA	0	0	
mORF_-_3123163	3123163	3123240	-	5	78	GTG	TGA	0	0	
mORF_-_3123237	3123237	3123242	-	4	6	TTG	TGA	0	0	
mORF_-_3123243	3123243	3123251	-	4	9	TTG	TAA	0	0	
mORF_-_3123319	3123319	3123408	-	5	90	GTG	TGA	0	0	
mORF_-_3123351	3123351	3123392	-	4	42	TTG	TGA	0	0	
mORF_-_3123466	3123466	3123495	-	5	30	TTG	TAA	0	0	
mORF_-_3123492	3123492	3124544	-	4	1053	ATG	TGA	4	8	pORF_-_3123492
mORF_-_3123520	3123520	3123534	-	5	15	TTG	TAA	0	0	
mORF_-_3123737	3123737	3123862	-	6	126	GTG	TGA	0	0	
mORF_-_3123748	3123748	3123771	-	5	24	ATG	TGA	0	0	
mORF_-_3123872	3123872	3123973	-	6	102	GTG	TAA	0	0	
mORF_-_3123892	3123892	3123927	-	5	36	ATG	TGA	0	0	
mORF_-_3123934	3123934	3123960	-	5	27	GTG	TAG	0	0	
mORF_-_3124040	3124040	3124066	-	6	27	TTG	TGA	0	0	
mORF_-_3124051	3124051	3124209	-	5	159	GTG	TGA	0	0	
mORF_-_3124088	3124088	3124114	-	6	27	TTG	TAA	0	0	
mORF_-_3124124	3124124	3124324	-	6	201	TTG	TGA	0	0	
mORF_-_3124328	3124328	3124348	-	6	21	GTG	TGA	0	0	
mORF_-_3124358	3124358	3124408	-	6	51	ATG	TGA	0	0	
mORF_-_3124381	3124381	3124401	-	5	21	TTG	TAA	0	0	
mORF_-_3124499	3124499	3124531	-	6	33	GTG	TGA	0	0	
mORF_-_3124528	3124528	3124611	-	5	84	GTG	TGA	0	0	
mORF_-_3124544	3124544	3126043	-	6	1500	ATG	TGA	3	7	pORF_-_3124544
mORF_-_3124645	3124645	3124848	-	5	204	ATG	TGA	0	0	
mORF_-_3124698	3124698	3124721	-	4	24	GTG	TGA	0	0	
mORF_-_3124858	3124858	3124980	-	5	123	ATG	TAA	0	0	
mORF_-_3125011	3125011	3125028	-	5	18	ATG	TAG	0	0	
mORF_-_3125101	3125101	3125205	-	5	105	ATG	TGA	0	0	

mORF_-_3125142	3125142	3125168	-	4	27	ATG	TGA	0	0
mORF_-_3125245	3125245	3125298	-	5	54	TTG	TGA	0	0
mORF_-_3125311	3125311	3125322	-	5	12	TTG	TAG	0	0
mORF_-_3125386	3125386	3125463	-	5	78	TTG	TGA	0	0
mORF_-_3125467	3125467	3125499	-	5	33	TTG	TGA	0	0
mORF_-_3125521	3125521	3125529	-	5	9	ATG	TGA	0	0
mORF_-_3125533	3125533	3125691	-	5	159	TTG	TGA	0	0
mORF_-_3125728	3125728	3125790	-	5	63	GTG	TGA	0	0
mORF_-_3125794	3125794	3125808	-	5	15	GTG	TGA	0	0
mORF_-_3125839	3125839	3125868	-	5	30	TTG	TGA	0	0
mORF_-_3125896	3125896	3125967	-	5	72	GTG	TGA	0	0
mORF_-_3125904	3125904	3125909	-	4	6	GTG	TGA	0	0
mORF_-_3125977	3125977	3126018	-	5	42	TTG	TGA	0	0
mORF_-_3126141	3126141	3126224	-	4	84	GTG	TAA	0	0
mORF_-_3126152	3126152	3126160	-	6	9	ATG	TGA	0	0
mORF_-_3126191	3126191	3126199	-	6	9	TTG	TAA	0	0
mORF_-_3126271	3126271	3126282	-	5	12	GTG	TAG	0	0
mORF_-_3126352	3126352	3126435	-	5	84	GTG	TAA	0	0
mORF_-_3126377	3126377	3126532	-	6	156	GTG	TGA	0	0
mORF_-_3126423	3126423	3126548	-	4	126	ATG	TGA	0	0
mORF_-_3126472	3126472	3126510	-	5	39	GTG	TAA	0	0
mORF_-_3126553	3126553	3126633	-	5	81	TTG	TGA	0	0
mORF_-_3126600	3126600	3126806	-	4	207	TTG	TAA	0	0
mORF_-_3126674	3126674	3126709	-	6	36	TTG	TAA	0	0
mORF_-_3126743	3126743	3126763	-	6	21	ATG	TGA	0	0
mORF_-_3126776	3126776	3126781	-	6	6	TTG	TGA	0	0
mORF_-_3126796	3126796	3126810	-	5	15	ATG	TAA	0	0
mORF_-_3126826	3126826	3126957	-	5	132	GTG	TAA	0	0
mORF_-_3126831	3126831	3127016	-	4	186	ATG	TGA	0	0
mORF_-_3126908	3126908	3126913	-	6	6	TTG	TAG	0	0
mORF_-_3127055	3127055	3127114	-	6	60	TTG	TAA	0	0
mORF_-_3127065	3127065	3128237	-	4	1173	ATG	TAA	0	0
mORF_-_3127129	3127129	3127161	-	5	33	ATG	TAA	0	0
mORF_-_3127133	3127133	3127216	-	6	84	TTG	TGA	0	0
mORF_-_3127213	3127213	3127323	-	5	111	GTG	TGA	0	0
mORF_-_3127217	3127217	3127231	-	6	15	TTG	TGA	0	0
mORF_-_3127277	3127277	3127303	-	6	27	GTG	TGA	0	0
mORF_-_3127361	3127361	3127426	-	6	66	TTG	TGA	0	0
mORF_-_3127442	3127442	3127576	-	6	135	TTG	TGA	0	0
mORF_-_3127549	3127549	3127680	-	5	132	GTG	TGA	0	0
mORF_-_3127637	3127637	3127732	-	6	96	ATG	TAA	0	0
mORF_-_3127717	3127717	3127737	-	5	21	GTG	TGA	0	0
mORF_-_3127754	3127754	3127786	-	6	33	TTG	TGA	0	0
mORF_-_3127814	3127814	3127846	-	6	33	GTG	TGA	0	0
mORF_-_3127837	3127837	3127863	-	5	27	GTG	TAA	0	0
mORF_-_3127856	3127856	3127918	-	6	63	TTG	TGA	0	0
mORF_-_3127915	3127915	3128022	-	5	108	GTG	TGA	0	0
mORF_-_3127970	3127970	3127993	-	6	24	TTG	TAG	0	0
mORF_-_3127994	3127994	3128182	-	6	189	TTG	TAG	0	0
mORF_-_3128164	3128164	3128340	-	5	177	TTG	TAA	0	0
mORF_-_3128270	3128270	3128335	-	6	66	ATG	TGA	0	0
mORF_-_3128286	3128286	3128357	-	4	72	ATG	TGA	0	0
mORF_-_3128367	3128367	3128375	-	4	9	TTG	TAA	0	0
mORF_-_3128397	3128397	3128423	-	4	27	ATG	TAA	0	0
mORF_-_3128416	3128416	3128439	-	5	24	ATG	TAG	0	0
mORF_-_3128424	3128424	3128552	-	4	129	ATG	TGA	0	0
mORF_-_3128512	3128512	3128880	-	5	369	TTG	TAA	0	0
mORF_-_3128580	3128580	3128639	-	4	60	ATG	TGA	0	0
mORF_-_3128646	3128646	3128702	-	4	57	TTG	TGA	0	0
mORF_-_3128672	3128672	3128683	-	6	12	GTG	TGA	0	0
mORF_-_3128730	3128730	3128747	-	4	18	TTG	TGA	0	0
mORF_-_3128748	3128748	3128846	-	4	99	TTG	TGA	0	0
mORF_-_3128843	3128843	3129001	-	6	159	GTG	TGA	0	0

mORF_-_3128887	3128887	3129141	-	5	255	TTG	TGA	0	0	
mORF_-_3128901	3128901	3129167	-	4	267	TTG	TAG	0	0	
mORF_-_3129020	3129020	3129070	-	6	51	ATG	TGA	0	0	
mORF_-_3129151	3129151	3129213	-	5	63	GTG	TAA	0	0	
mORF_-_3129254	3129254	3129304	-	6	51	ATG	TAG	0	0	
mORF_-_3129268	3129268	3129276	-	5	9	ATG	TGA	0	0	
mORF_-_3129277	3129277	3129300	-	5	24	TTG	TAA	0	0	
mORF_-_3129325	3129325	3129357	-	5	33	GTG	TGA	0	0	
mORF_-_3129363	3129363	3130430	-	4	1068	TTG	TAG	1	0	pORF_-_3129363
mORF_-_3129368	3129368	3129400	-	6	33	TTG	TGA	0	0	
mORF_-_3129391	3129391	3129501	-	5	111	GTG	TAA	0	0	
mORF_-_3129485	3129485	3129490	-	6	6	GTG	TGA	0	0	
mORF_-_3129604	3129604	3129660	-	5	57	GTG	TAA	0	0	
mORF_-_3129629	3129629	3129745	-	6	117	TTG	TAG	0	0	
mORF_-_3129664	3129664	3129717	-	5	54	GTG	TAA	0	0	
mORF_-_3129752	3129752	3129877	-	6	126	TTG	TGA	0	0	
mORF_-_3129766	3129766	3129807	-	5	42	GTG	TAA	0	0	
mORF_-_3129874	3129874	3130032	-	5	159	TTG	TGA	0	0	
mORF_-_3129887	3129887	3129940	-	6	54	TTG	TAG	0	0	
mORF_-_3129956	3129956	3130045	-	6	90	ATG	TAG	0	0	
mORF_-_3130052	3130052	3130147	-	6	96	ATG	TAG	0	0	
mORF_-_3130165	3130165	3130212	-	5	48	ATG	TAA	0	0	
mORF_-_3130175	3130175	3130261	-	6	87	TTG	TAA	0	0	
mORF_-_3130262	3130262	3130276	-	6	15	TTG	TGA	0	0	
mORF_-_3130289	3130289	3130306	-	6	18	GTG	TGA	0	0	
mORF_-_3130297	3130297	3130308	-	5	12	GTG	TAA	0	0	
mORF_-_3130337	3130337	3130345	-	6	9	ATG	TGA	0	0	
mORF_-_3130355	3130355	3130402	-	6	48	TTG	TAG	0	0	
mORF_-_3130366	3130366	3130407	-	5	42	TTG	TAG	0	0	
mORF_-_3130476	3130476	3131234	-	4	759	ATG	TAA	0	0	
mORF_-_3130481	3130481	3130681	-	6	201	TTG	TAA	0	0	
mORF_-_3130697	3130697	3130864	-	6	168	GTG	TAA	0	0	
mORF_-_3130825	3130825	3130941	-	5	117	ATG	TGA	0	0	
mORF_-_3130961	3130961	3131017	-	6	57	TTG	TGA	0	0	
mORF_-_3131123	3131123	3131164	-	6	42	TTG	TGA	0	0	
mORF_-_3131146	3131146	3131151	-	5	6	GTG	TGA	0	0	
mORF_-_3131165	3131165	3131230	-	6	66	ATG	TGA	0	0	
mORF_-_3131238	3131238	3131246	-	4	9	ATG	TAA	0	0	
mORF_-_3131243	3131243	3131257	-	6	15	ATG	TGA	0	0	
mORF_-_3131250	3131250	3131357	-	4	108	ATG	TAG	0	0	
mORF_-_3131266	3131266	3131979	-	5	714	GTG	TGA	0	0	
mORF_-_3131364	3131364	3131453	-	4	90	TTG	TGA	0	0	
mORF_-_3131444	3131444	3131533	-	6	90	TTG	TGA	0	0	
mORF_-_3131526	3131526	3131873	-	4	348	ATG	TAA	0	0	
mORF_-_3131639	3131639	3131644	-	6	6	GTG	TAA	0	0	
mORF_-_3131750	3131750	3131806	-	6	57	ATG	TAA	0	0	
mORF_-_3131874	3131874	3131915	-	4	42	GTG	TAA	0	0	
mORF_-_3131912	3131912	3131917	-	6	6	ATG	TGA	0	0	
mORF_-_3131919	3131919	3131936	-	4	18	GTG	TAG	0	0	
mORF_-_3131966	3131966	3132073	-	6	108	ATG	TAA	0	0	
mORF_-_3132046	3132046	3132057	-	5	12	TTG	TAA	0	0	
mORF_-_3132083	3132083	3132094	-	6	12	ATG	TAA	0	0	
mORF_-_3132091	3132091	3132111	-	5	21	TTG	TGA	0	0	
mORF_-_3132122	3132122	3132208	-	6	87	TTG	TAA	0	0	
mORF_-_3132151	3132151	3132174	-	5	24	ATG	TGA	0	0	
mORF_-_3132184	3132184	3132213	-	5	30	TTG	TAA	0	0	
mORF_-_3132210	3132210	3132272	-	4	63	ATG	TGA	0	0	
mORF_-_3132232	3132232	3132375	-	5	144	TTG	TAA	0	0	
mORF_-_3132336	3132336	3132341	-	4	6	ATG	TAA	0	0	
mORF_-_3132409	3132409	3132543	-	5	135	GTG	TAA	0	0	
mORF_-_3132432	3132432	3132449	-	4	18	ATG	TAA	0	0	
mORF_-_3132483	3132483	3132509	-	4	27	TTG	TAG	0	0	
mORF_-_3132544	3132544	3132582	-	5	39	TTG	TAG	0	0	

mORF_-_3132570	3132570	3132686	-	4	117	ATG	TGA	0	0	
mORF_-_3132602	3132602	3132769	-	6	168	TTG	TGA	0	0	
mORF_-_3132643	3132643	3132777	-	5	135	GTG	TGA	0	0	
mORF_-_3132729	3132729	3132842	-	4	114	GTG	TAA	0	0	
mORF_-_3132820	3132820	3132966	-	5	147	GTG	TAA	0	0	
mORF_-_3132894	3132894	3134393	-	4	1500	ATG	TAA	0	0	
mORF_-_3132911	3132911	3132928	-	6	18	GTG	TAG	0	0	
mORF_-_3132983	3132983	3133087	-	6	105	TTG	TAA	0	0	
mORF_-_3133109	3133109	3133135	-	6	27	ATG	TGA	0	0	
mORF_-_3133139	3133139	3133165	-	6	27	GTG	TGA	0	0	
mORF_-_3133162	3133162	3133242	-	5	81	GTG	TGA	0	0	
mORF_-_3133178	3133178	3133195	-	6	18	TTG	TAG	0	0	
mORF_-_3133196	3133196	3133207	-	6	12	TTG	TGA	0	0	
mORF_-_3133223	3133223	3133258	-	6	36	TTG	TAG	0	0	
mORF_-_3133348	3133348	3133359	-	5	12	GTG	TGA	0	0	
mORF_-_3133397	3133397	3133459	-	6	63	TTG	TAA	0	0	
mORF_-_3133490	3133490	3133540	-	6	51	TTG	TAA	0	0	
mORF_-_3133541	3133541	3133633	-	6	93	ATG	TGA	0	0	
mORF_-_3133634	3133634	3133663	-	6	30	TTG	TGA	0	0	
mORF_-_3133682	3133682	3133750	-	6	69	TTG	TAA	0	0	
mORF_-_3133751	3133751	3133834	-	6	84	GTG	TGA	0	0	
mORF_-_3133874	3133874	3133915	-	6	42	TTG	TGA	0	0	
mORF_-_3133937	3133937	3133945	-	6	9	GTG	TGA	0	0	
mORF_-_3133942	3133942	3134061	-	5	120	GTG	TGA	0	0	
mORF_-_3133952	3133952	3133960	-	6	9	ATG	TAA	0	0	
mORF_-_3133994	3133994	3134020	-	6	27	TTG	TAA	0	0	
mORF_-_3134135	3134135	3134206	-	6	72	TTG	TGA	0	0	
mORF_-_3134228	3134228	3134380	-	6	153	TTG	TGA	0	0	
mORF_-_3134368	3134368	3134460	-	5	93	TTG	TGA	0	0	
mORF_-_3134402	3134402	3134473	-	6	72	ATG	TAA	0	0	
mORF_-_3134445	3134445	3134531	-	4	87	TTG	TAA	0	0	
mORF_-_3134495	3134495	3134527	-	6	33	ATG	TAA	0	0	
mORF_-_3134509	3134509	3134523	-	5	15	ATG	TGA	0	0	
mORF_-_3134524	3134524	3134550	-	5	27	TTG	TGA	0	0	
mORF_-_3134537	3134537	3134566	-	6	30	GTG	TAA	0	0	
mORF_-_3134547	3134547	3134582	-	4	36	GTG	TGA	0	0	
mORF_-_3134579	3134579	3134584	-	6	6	ATG	TGA	0	0	
mORF_-_3134630	3134630	3134656	-	6	27	ATG	TAA	0	0	
mORF_-_3134673	3134673	3134681	-	4	9	ATG	TAG	0	0	
mORF_-_3134685	3134685	3136547	-	4	1863	GTG	TAA	36	121	pORF_-_3134685
mORF_-_3134693	3134693	3134701	-	6	9	TTG	TGA	0	0	
mORF_-_3134702	3134702	3134929	-	6	228	GTG	TAA	1	2	pORF_-_3134702
mORF_-_3134746	3134746	3134796	-	5	51	ATG	TGA	0	0	
mORF_-_3134809	3134809	3134835	-	5	27	GTG	TAA	0	0	
mORF_-_3134966	3134966	3134980	-	6	15	ATG	TGA	0	0	
mORF_-_3134980	3134980	3135075	-	5	96	GTG	TAA	0	0	
mORF_-_3135065	3135065	3135262	-	6	198	TTG	TGA	0	0	
mORF_-_3135199	3135199	3135231	-	5	33	GTG	TGA	0	0	
mORF_-_3135263	3135263	3135433	-	6	171	GTG	TGA	0	0	
mORF_-_3135481	3135481	3135501	-	5	21	TTG	TAA	0	0	
mORF_-_3135566	3135566	3135580	-	6	15	ATG	TGA	0	0	
mORF_-_3135608	3135608	3135694	-	6	87	ATG	TGA	0	0	
mORF_-_3135755	3135755	3135772	-	6	18	GTG	TAA	0	0	
mORF_-_3135812	3135812	3135880	-	6	69	TTG	TGA	0	0	
mORF_-_3135859	3135859	3135870	-	5	12	ATG	TGA	0	0	
mORF_-_3135917	3135917	3135934	-	6	18	TTG	TGA	0	0	
mORF_-_3135977	3135977	3136006	-	6	30	TTG	TGA	0	0	
mORF_-_3136003	3136003	3136065	-	5	63	GTG	TGA	0	0	
mORF_-_3136094	3136094	3136330	-	6	237	GTG	TGA	0	0	
mORF_-_3136261	3136261	3136302	-	5	42	GTG	TAA	0	0	
mORF_-_3136337	3136337	3136426	-	6	90	ATG	TGA	0	0	
mORF_-_3136363	3136363	3136377	-	5	15	GTG	TGA	0	0	
mORF_-_3136475	3136475	3136519	-	6	45	ATG	TAG	0	0	

mORF_-_3136544	3136544	3136561	-	6	18	TTG	TGA	0	0	
mORF_-_3136555	3136555	3136566	-	5	12	TTG	TAA	0	0	
mORF_-_3136599	3136599	3136652	-	4	54	ATG	TAA	0	0	
mORF_-_3136636	3136636	3136731	-	5	96	GTG	TAG	0	0	
mORF_-_3136649	3136649	3136669	-	6	21	TTG	TGA	0	0	
mORF_-_3136683	3136683	3136700	-	4	18	TTG	TGA	0	0	
mORF_-_3136709	3136709	3136759	-	6	51	TTG	TAG	0	0	
mORF_-_3136725	3136725	3137075	-	4	351	ATG	TAG	0	0	
mORF_-_3136766	3136766	3136873	-	6	108	TTG	TGA	0	0	
mORF_-_3136822	3136822	3136881	-	5	60	ATG	TGA	0	0	
mORF_-_3136957	3136957	3137253	-	5	297	GTG	TAA	0	0	
mORF_-_3137196	3137196	3137339	-	4	144	ATG	TAA	0	0	
mORF_-_3137246	3137246	3137401	-	6	156	TTG	TAA	0	0	
mORF_-_3137409	3137409	3137642	-	4	234	ATG	TAA	0	0	
mORF_-_3137453	3137453	3137533	-	6	81	TTG	TAA	0	0	
mORF_-_3137521	3137521	3137688	-	5	168	TTG	TAA	0	0	
mORF_-_3137606	3137606	3137686	-	6	81	GTG	TGA	0	0	
mORF_-_3137661	3137661	3137741	-	4	81	GTG	TGA	0	0	
mORF_-_3137738	3137738	3137986	-	6	249	ATG	TGA	0	0	
mORF_-_3137779	3137779	3137799	-	5	21	ATG	TAG	0	0	
mORF_-_3137796	3137796	3137846	-	4	51	GTG	TGA	0	0	
mORF_-_3137815	3137815	3137877	-	5	63	GTG	TGA	0	0	
mORF_-_3137874	3137874	3137915	-	4	42	ATG	TGA	0	0	
mORF_-_3137893	3137893	3137979	-	5	87	TTG	TGA	0	0	
mORF_-_3137946	3137946	3137984	-	4	39	GTG	TGA	0	0	
mORF_-_3137989	3137989	3138012	-	5	24	TTG	TAA	0	0	
mORF_-_3137999	3137999	3138394	-	6	396	ATG	TAA	0	0	
mORF_-_3138009	3138009	3138128	-	4	120	TTG	TGA	0	0	
mORF_-_3138025	3138025	3138336	-	5	312	ATG	TGA	0	0	
mORF_-_3138141	3138141	3138164	-	4	24	GTG	TAA	0	0	
mORF_-_3138222	3138222	3138254	-	4	33	GTG	TGA	0	0	
mORF_-_3138306	3138306	3138323	-	4	18	TTG	TGA	0	0	
mORF_-_3138333	3138333	3138896	-	4	564	TTG	TGA	0	0	
mORF_-_3138422	3138422	3138439	-	6	18	ATG	TGA	0	0	
mORF_-_3138443	3138443	3138463	-	6	21	TTG	TGA	0	0	
mORF_-_3138491	3138491	3138535	-	6	45	TTG	TGA	0	0	
mORF_-_3138545	3138545	3138583	-	6	39	GTG	TGA	0	0	
mORF_-_3138580	3138580	3138669	-	5	90	GTG	TGA	0	0	
mORF_-_3138584	3138584	3138634	-	6	51	GTG	TGA	0	0	
mORF_-_3138653	3138653	3138763	-	6	111	TTG	TGA	0	0	
mORF_-_3138814	3138814	3139308	-	5	495	ATG	TGA	0	0	
mORF_-_3138897	3138897	3138908	-	4	12	TTG	TGA	0	0	
mORF_-_3138966	3138966	3139073	-	4	108	ATG	TGA	0	0	
mORF_-_3139086	3139086	3139130	-	4	45	TTG	TGA	0	0	
mORF_-_3139134	3139134	3139205	-	4	72	ATG	TGA	0	0	
mORF_-_3139230	3139230	3139265	-	4	36	ATG	TAG	0	0	
mORF_-_3139308	3139308	3141011	-	4	1704	ATG	TAA	3	9	pORF_-_3139308
mORF_-_3139319	3139319	3139348	-	6	30	ATG	TGA	0	0	
mORF_-_3139342	3139342	3139377	-	5	36	GTG	TGA	0	0	
mORF_-_3139352	3139352	3139612	-	6	261	GTG	TAG	0	0	
mORF_-_3139634	3139634	3139639	-	6	6	TTG	TGA	0	0	
mORF_-_3139673	3139673	3139735	-	6	63	TTG	TGA	0	0	
mORF_-_3139787	3139787	3139816	-	6	30	ATG	TGA	0	0	
mORF_-_3139916	3139916	3139954	-	6	39	ATG	TGA	0	0	
mORF_-_3139939	3139939	3139947	-	5	9	TTG	TGA	0	0	
mORF_-_3139951	3139951	3139980	-	5	30	GTG	TGA	0	0	
mORF_-_3140042	3140042	3140101	-	6	60	TTG	TGA	0	0	
mORF_-_3140171	3140171	3140179	-	6	9	GTG	TGA	0	0	
mORF_-_3140182	3140182	3140199	-	5	18	ATG	TAA	0	0	
mORF_-_3140192	3140192	3140254	-	6	63	TTG	TGA	0	0	
mORF_-_3140291	3140291	3140302	-	6	12	TTG	TGA	0	0	
mORF_-_3140306	3140306	3140350	-	6	45	GTG	TGA	0	0	
mORF_-_3140351	3140351	3140416	-	6	66	GTG	TAG	0	0	

mORF_-_3140413	3140413	3140424	-	5	12	GTG	TGA	0	0
mORF_-_3140447	3140447	3140455	-	6	9	TTG	TAG	0	0
mORF_-_3140480	3140480	3140536	-	6	57	TTG	TGA	0	0
mORF_-_3140609	3140609	3140707	-	6	99	ATG	TGA	0	0
mORF_-_3140752	3140752	3140952	-	5	201	TTG	TAA	0	0
mORF_-_3140771	3140771	3140845	-	6	75	TTG	TGA	0	0
mORF_-_3140846	3140846	3140857	-	6	12	ATG	TGA	0	0
mORF_-_3140876	3140876	3140974	-	6	99	TTG	TGA	0	0
mORF_-_3140981	3140981	3140992	-	6	12	TTG	TAA	0	0
mORF_-_3140989	3140989	3141027	-	5	39	ATG	TGA	0	0
mORF_-_3141008	3141008	3142186	-	6	1179	ATG	TGA	0	0
mORF_-_3141033	3141033	3141098	-	4	66	TTG	TAA	0	0
mORF_-_3141049	3141049	3141120	-	5	72	TTG	TAA	0	0
mORF_-_3141102	3141102	3141215	-	4	114	TTG	TGA	0	0
mORF_-_3141196	3141196	3141213	-	5	18	GTG	TGA	0	0
mORF_-_3141229	3141229	3141279	-	5	51	GTG	TGA	0	0
mORF_-_3141304	3141304	3141318	-	5	15	TTG	TGA	0	0
mORF_-_3141328	3141328	3141351	-	5	24	TTG	TGA	0	0
mORF_-_3141355	3141355	3141423	-	5	69	GTG	TAG	0	0
mORF_-_3141436	3141436	3141516	-	5	81	TTG	TGA	0	0
mORF_-_3141541	3141541	3141570	-	5	30	ATG	TGA	0	0
mORF_-_3141567	3141567	3141713	-	4	147	GTG	TGA	0	0
mORF_-_3141613	3141613	3141657	-	5	45	GTG	TGA	0	0
mORF_-_3141688	3141688	3141741	-	5	54	TTG	TAA	0	0
mORF_-_3141805	3141805	3142005	-	5	201	TTG	TGA	0	0
mORF_-_3141948	3141948	3141968	-	4	21	GTG	TAA	0	0
mORF_-_3142006	3142006	3142017	-	5	12	TTG	TGA	0	0
mORF_-_3142014	3142014	3142037	-	4	24	GTG	TGA	0	0
mORF_-_3142090	3142090	3142095	-	5	6	TTG	TGA	0	0
mORF_-_3142117	3142117	3142128	-	5	12	TTG	TAA	0	0
mORF_-_3142132	3142132	3142179	-	5	48	ATG	TGA	0	0
mORF_-_3142176	3142176	3143162	-	4	987	GTG	TGA	0	0
mORF_-_3142271	3142271	3142366	-	6	96	GTG	TGA	0	0
mORF_-_3142532	3142532	3142543	-	6	12	GTG	TGA	0	0
mORF_-_3142540	3142540	3142575	-	5	36	GTG	TGA	0	0
mORF_-_3142580	3142580	3142753	-	6	174	TTG	TAG	0	0
mORF_-_3142603	3142603	3142644	-	5	42	GTG	TAA	0	0
mORF_-_3142645	3142645	3142830	-	5	186	GTG	TAA	0	0
mORF_-_3142775	3142775	3142804	-	6	30	GTG	TGA	0	0
mORF_-_3142837	3142837	3142896	-	5	60	GTG	TAA	0	0
mORF_-_3142972	3142972	3143025	-	5	54	GTG	TGA	0	0
mORF_-_3143018	3143018	3143089	-	6	72	ATG	TAG	0	0
mORF_-_3143149	3143149	3143217	-	5	69	GTG	TAA	0	0
mORF_-_3143165	3143165	3144283	-	6	1119	ATG	TAA	0	0
mORF_-_3143227	3143227	3143568	-	5	342	ATG	TGA	0	0
mORF_-_3143397	3143397	3143435	-	4	39	GTG	TAA	0	0
mORF_-_3143493	3143493	3143516	-	4	24	GTG	TAA	0	0
mORF_-_3143602	3143602	3143889	-	5	288	TTG	TGA	0	0
mORF_-_3143778	3143778	3143807	-	4	30	GTG	TAA	0	0
mORF_-_3143880	3143880	3143897	-	4	18	TTG	TGA	0	0
mORF_-_3143914	3143914	3143931	-	5	18	ATG	TAA	0	0
mORF_-_3143938	3143938	3143946	-	5	9	ATG	TAG	0	0
mORF_-_3143973	3143973	3144110	-	4	138	GTG	TAA	0	0
mORF_-_3144061	3144061	3144123	-	5	63	TTG	TAG	0	0
mORF_-_3144186	3144186	3144221	-	4	36	TTG	TAG	0	0
mORF_-_3144208	3144208	3144219	-	5	12	GTG	TAG	0	0
mORF_-_3144226	3144226	3144237	-	5	12	GTG	TGA	0	0
mORF_-_3144270	3144270	3144371	-	4	102	ATG	TAA	0	0
mORF_-_3144290	3144290	3144475	-	6	186	TTG	TAA	0	0
mORF_-_3144337	3144337	3144360	-	5	24	ATG	TGA	0	0
mORF_-_3144361	3144361	3144432	-	5	72	ATG	TAA	0	0
mORF_-_3144441	3144441	3144533	-	4	93	GTG	TAA	0	0
mORF_-_3144445	3144445	3144453	-	5	9	TTG	TAA	0	0

mORF_-_3144472	3144472	3144759	-	5	288	ATG	TGA	0	0
mORF_-_3144546	3144546	3144569	-	4	24	ATG	TAA	0	0
mORF_-_3144648	3144648	3144677	-	4	30	GTG	TAG	0	0
mORF_-_3144687	3144687	3144710	-	4	24	ATG	TGA	0	0
mORF_-_3144732	3144732	3144746	-	4	15	TTG	TAA	0	0
mORF_-_3144752	3144752	3144766	-	6	15	GTG	TAA	0	0
mORF_-_3144763	3144763	3144771	-	5	9	ATG	TGA	0	0
mORF_-_3144768	3144768	3144827	-	4	60	GTG	TGA	0	0
mORF_-_3144829	3144829	3144840	-	5	12	ATG	TAG	0	0
mORF_-_3144878	3144878	3145288	-	6	411	ATG	TGA	0	0
mORF_-_3144891	3144891	3144902	-	4	12	ATG	TAA	0	0
mORF_-_3144904	3144904	3145005	-	5	102	ATG	TGA	0	0
mORF_-_3145024	3145024	3145284	-	5	261	ATG	TGA	0	0
mORF_-_3145101	3145101	3145211	-	4	111	TTG	TGA	0	0
mORF_-_3145281	3145281	3145355	-	4	75	TTG	TGA	0	0
mORF_-_3145288	3145288	3145713	-	5	426	ATG	TGA	0	0
mORF_-_3145362	3145362	3145418	-	4	57	ATG	TAA	0	0
mORF_-_3145434	3145434	3145451	-	4	18	ATG	TGA	0	0
mORF_-_3145497	3145497	3145562	-	4	66	TTG	TGA	0	0
mORF_-_3145581	3145581	3145622	-	4	42	TTG	TAG	0	0
mORF_-_3145619	3145619	3145807	-	6	189	GTG	TGA	0	0
mORF_-_3145647	3145647	3145655	-	4	9	GTG	TAG	0	0
mORF_-_3145710	3145710	3145832	-	4	123	GTG	TGA	0	0
mORF_-_3145750	3145750	3145770	-	5	21	GTG	TAA	0	0
mORF_-_3145871	3145871	3145885	-	6	15	ATG	TAG	0	0
mORF_-_3145876	3145876	3145920	-	5	45	ATG	TAG	0	0
mORF_-_3145928	3145928	3145960	-	6	33	TTG	TAA	0	0
mORF_-_3145966	3145966	3146022	-	5	57	TTG	TAG	0	0
mORF_-_3146012	3146012	3146032	-	6	21	GTG	TAA	0	0
mORF_-_3146029	3146029	3146112	-	5	84	TTG	TGA	0	0
mORF_-_3146034	3146034	3146051	-	4	18	GTG	TAA	0	0
mORF_-_3146048	3146048	3146095	-	6	48	GTG	TGA	0	0
mORF_-_3146179	3146179	3146208	-	5	30	TTG	TAA	0	0
mORF_-_3146202	3146202	3146255	-	4	54	GTG	TAG	0	0
mORF_-_3146252	3146252	3146446	-	6	195	TTG	TGA	0	0
mORF_-_3146486	3146486	3146497	-	6	12	TTG	TAA	0	0
mORF_-_3146494	3146494	3146508	-	5	15	TTG	TGA	0	0
mORF_-_3146510	3146510	3146638	-	6	129	TTG	TAA	0	0
mORF_-_3146596	3146596	3146886	-	5	291	TTG	TGA	0	0
mORF_-_3146622	3146622	3146684	-	4	63	GTG	TGA	0	0
mORF_-_3146642	3146642	3146653	-	6	12	ATG	TGA	0	0
mORF_-_3146709	3146709	3146876	-	4	168	ATG	TGA	0	0
mORF_-_3146723	3146723	3146755	-	6	33	TTG	TAA	0	0
mORF_-_3146756	3146756	3146767	-	6	12	TTG	TGA	0	0
mORF_-_3146774	3146774	3146839	-	6	66	TTG	TAA	0	0
mORF_-_3146840	3146840	3146911	-	6	72	ATG	TAG	0	0
mORF_-_3146999	3146999	3147523	-	6	525	TTG	TGA	0	0
mORF_-_3147016	3147016	3147027	-	5	12	TTG	TGA	0	0
mORF_-_3147024	3147024	3147083	-	4	60	GTG	TGA	0	0
mORF_-_3147037	3147037	3147057	-	5	21	TTG	TGA	0	0
mORF_-_3147085	3147085	3147156	-	5	72	TTG	TGA	0	0
mORF_-_3147211	3147211	3147261	-	5	51	ATG	TGA	0	0
mORF_-_3147280	3147280	3147297	-	5	18	TTG	TGA	0	0
mORF_-_3147397	3147397	3147411	-	5	15	TTG	TGA	0	0
mORF_-_3147412	3147412	3147480	-	5	69	TTG	TAG	0	0
mORF_-_3147477	3147477	3147569	-	4	93	ATG	TGA	0	0
mORF_-_3147511	3147511	3147840	-	5	330	GTG	TAA	0	0
mORF_-_3147627	3147627	3147635	-	4	9	ATG	TGA	0	0
mORF_-_3147651	3147651	3147692	-	4	42	ATG	TAA	0	0
mORF_-_3147689	3147689	3147709	-	6	21	GTG	TGA	0	0
mORF_-_3147693	3147693	3147746	-	4	54	TTG	TAA	0	0
mORF_-_3147716	3147716	3147760	-	6	45	ATG	TAA	0	0
mORF_-_3147803	3147803	3147883	-	6	81	ATG	TAG	0	0

mORF_-_3147947	3147947	3147985	-	6	39	TTG	TGA	0	0	
mORF_-_3148008	3148008	3148052	-	4	45	GTG	TAA	0	0	
mORF_-_3148040	3148040	3148129	-	6	90	GTG	TGA	0	0	
mORF_-_3148059	3148059	3148145	-	4	87	TTG	TAA	0	0	
mORF_-_3148142	3148142	3148234	-	6	93	GTG	TGA	0	0	
mORF_-_3148159	3148159	3148221	-	5	63	TTG	TAA	0	0	
mORF_-_3148228	3148228	3148260	-	5	33	TTG	TGA	0	0	
mORF_-_3148239	3148239	3148268	-	4	30	ATG	TGA	0	0	
mORF_-_3148269	3148269	3148559	-	4	291	ATG	TAA	0	0	
mORF_-_3148285	3148285	3148503	-	5	219	TTG	TAG	0	0	
mORF_-_3148517	3148517	3148525	-	6	9	GTG	TAG	0	0	
mORF_-_3148522	3148522	3148593	-	5	72	TTG	TGA	0	0	
mORF_-_3148560	3148560	3148604	-	4	45	ATG	TAA	0	0	
mORF_-_3148601	3148601	3148615	-	6	15	GTG	TGA	0	0	
mORF_-_3148618	3148618	3148719	-	5	102	ATG	TAA	0	0	
mORF_-_3148641	3148641	3148832	-	4	192	TTG	TAA	0	0	
mORF_-_3148649	3148649	3148660	-	6	12	ATG	TAG	0	0	
mORF_-_3148712	3148712	3148726	-	6	15	GTG	TGA	0	0	
mORF_-_3148727	3148727	3148825	-	6	99	ATG	TAG	0	0	
mORF_-_3148762	3148762	3148773	-	5	12	GTG	TAG	0	0	
mORF_-_3148840	3148840	3149265	-	5	426	ATG	TAA	5	14	pORF_-_3148840
mORF_-_3148986	3148986	3148994	-	4	9	ATG	TAA	0	0	
mORF_-_3149007	3149007	3149018	-	4	12	ATG	TGA	0	0	
mORF_-_3149130	3149130	3149135	-	4	6	ATG	TGA	0	0	
mORF_-_3149205	3149205	3149414	-	4	210	TTG	TGA	0	0	
mORF_-_3149272	3149272	3150006	-	5	735	GTG	TAA	10	96	pORF_-_3149272
mORF_-_3149469	3149469	3149537	-	4	69	TTG	TAG	0	0	
mORF_-_3149547	3149547	3149741	-	4	195	ATG	TGA	0	0	
mORF_-_3149757	3149757	3149774	-	4	18	TTG	TAA	0	0	
mORF_-_3149876	3149876	3149935	-	6	60	GTG	TAA	0	0	
mORF_-_3149901	3149901	3149924	-	4	24	TTG	TAG	0	0	
mORF_-_3149928	3149928	3149945	-	4	18	TTG	TGA	0	0	
mORF_-_3149991	3149991	3150044	-	4	54	ATG	TAA	0	0	
mORF_-_3149999	3149999	3150154	-	6	156	GTG	TAA	0	0	
mORF_-_3150028	3150028	3150033	-	5	6	TTG	TGA	0	0	
mORF_-_3150052	3150052	3150096	-	5	45	ATG	TGA	0	0	
mORF_-_3150129	3150129	3150215	-	4	87	ATG	TAA	0	0	
mORF_-_3150145	3150145	3150159	-	5	15	ATG	TGA	0	0	
mORF_-_3150178	3150178	3150186	-	5	9	TTG	TAA	0	0	
mORF_-_3150212	3150212	3150268	-	6	57	TTG	TGA	0	0	
mORF_-_3150217	3150217	3150396	-	5	180	GTG	TAG	0	0	
mORF_-_3150222	3150222	3150389	-	4	168	GTG	TAA	0	0	
mORF_-_3150281	3150281	3150316	-	6	36	GTG	TGA	0	0	
mORF_-_3150341	3150341	3150409	-	6	69	TTG	TGA	0	0	
mORF_-_3150422	3150422	3150538	-	6	117	ATG	TAG	0	0	
mORF_-_3150441	3150441	3150449	-	4	9	ATG	TAA	0	0	
mORF_-_3150456	3150456	3150464	-	4	9	TTG	TAA	0	0	
mORF_-_3150501	3150501	3150566	-	4	66	ATG	TAG	0	0	
mORF_-_3150563	3150563	3150583	-	6	21	GTG	TGA	0	0	
mORF_-_3150599	3150599	3150859	-	6	261	ATG	TGA	0	0	
mORF_-_3150622	3150622	3150648	-	5	27	ATG	TGA	0	0	
mORF_-_3150645	3150645	3150902	-	4	258	ATG	TGA	0	0	
mORF_-_3150679	3150679	3150696	-	5	18	TTG	TAA	0	0	
mORF_-_3150868	3150868	3151032	-	5	165	ATG	TAG	0	0	
mORF_-_3150872	3150872	3150934	-	6	63	TTG	TGA	0	0	
mORF_-_3151004	3151004	3151030	-	6	27	GTG	TAG	0	0	
mORF_-_3151032	3151032	3151148	-	4	117	GTG	TAA	0	0	
mORF_-_3151145	3151145	3151216	-	6	72	TTG	TGA	0	0	
mORF_-_3151235	3151235	3151264	-	6	30	ATG	TAG	0	0	
mORF_-_3151254	3151254	3151586	-	4	333	ATG	TAA	0	0	
mORF_-_3151258	3151258	3151338	-	5	81	GTG	TGA	0	0	
mORF_-_3151307	3151307	3151330	-	6	24	ATG	TGA	0	0	
mORF_-_3151354	3151354	3151476	-	5	123	ATG	TAA	0	0	

mORF_-_3151493	3151493	3151516	-	6	24	TTG	TAA	0	0
mORF_-_3151513	3151513	3151653	-	5	141	ATG	TGA	0	0
mORF_-_3151532	3151532	3151543	-	6	12	TTG	TGA	0	0
mORF_-_3151596	3151596	3151607	-	4	12	ATG	TGA	0	0
mORF_-_3151668	3151668	3151688	-	4	21	GTG	TAA	0	0
mORF_-_3151676	3151676	3151762	-	6	87	ATG	TGA	0	0
mORF_-_3151793	3151793	3151897	-	6	105	GTG	TAG	0	0
mORF_-_3151848	3151848	3151874	-	4	27	TTG	TGA	0	0
mORF_-_3151861	3151861	3151947	-	5	87	GTG	TAA	0	0
mORF_-_3151907	3151907	3152032	-	6	126	TTG	TAG	0	0
mORF_-_3151914	3151914	3152054	-	4	141	TTG	TGA	0	0
mORF_-_3152107	3152107	3152136	-	5	30	ATG	TAA	0	0
mORF_-_3152126	3152126	3152173	-	6	48	TTG	TAA	0	0
mORF_-_3152142	3152142	3152318	-	4	177	ATG	TGA	0	0
mORF_-_3152284	3152284	3153411	-	5	1128	ATG	TAA	0	0
mORF_-_3152331	3152331	3152381	-	4	51	ATG	TGA	0	0
mORF_-_3152412	3152412	3152423	-	4	12	ATG	TGA	0	0
mORF_-_3152559	3152559	3152585	-	4	27	TTG	TGA	0	0
mORF_-_3152603	3152603	3152764	-	6	162	ATG	TAG	0	0
mORF_-_3152667	3152667	3152720	-	4	54	ATG	TGA	0	0
mORF_-_3152736	3152736	3152840	-	4	105	TTG	TGA	0	0
mORF_-_3152828	3152828	3152929	-	6	102	GTG	TGA	0	0
mORF_-_3152847	3152847	3152933	-	4	87	TTG	TGA	0	0
mORF_-_3152949	3152949	3152993	-	4	45	ATG	TGA	0	0
mORF_-_3153048	3153048	3153095	-	4	48	ATG	TGA	0	0
mORF_-_3153132	3153132	3153176	-	4	45	GTG	TGA	0	0
mORF_-_3153146	3153146	3153166	-	6	21	TTG	TAA	0	0
mORF_-_3153180	3153180	3153326	-	4	147	ATG	TGA	0	0
mORF_-_3153197	3153197	3153289	-	6	93	ATG	TAA	0	0
mORF_-_3153311	3153311	3153316	-	6	6	TTG	TGA	0	0
mORF_-_3153326	3153326	3153397	-	6	72	GTG	TGA	0	0
mORF_-_3153387	3153387	3153431	-	4	45	TTG	TAA	0	0
mORF_-_3153440	3153440	3153739	-	6	300	TTG	TAA	0	0
mORF_-_3153477	3153477	3153578	-	4	102	TTG	TAA	0	0
mORF_-_3153520	3153520	3153546	-	5	27	ATG	TGA	0	0
mORF_-_3153586	3153586	3153681	-	5	96	TTG	TAA	0	0
mORF_-_3153703	3153703	3153855	-	5	153	TTG	TAG	0	0
mORF_-_3153756	3153756	3153800	-	4	45	TTG	TAA	0	0
mORF_-_3153806	3153806	3153970	-	6	165	GTG	TGA	0	0
mORF_-_3153916	3153916	3153921	-	5	6	GTG	TAG	0	0
mORF_-_3153934	3153934	3154008	-	5	75	TTG	TGA	0	0
mORF_-_3154012	3154012	3154035	-	5	24	ATG	TGA	0	0
mORF_-_3154046	3154046	3154384	-	6	339	TTG	TAG	0	0
mORF_-_3154087	3154087	3154110	-	5	24	ATG	TAG	0	0
mORF_-_3154107	3154107	3154229	-	4	123	GTG	TGA	0	0
mORF_-_3154216	3154216	3154371	-	5	156	TTG	TGA	0	0
mORF_-_3154233	3154233	3154250	-	4	18	GTG	TAG	0	0
mORF_-_3154317	3154317	3154364	-	4	48	TTG	TGA	0	0
mORF_-_3154385	3154385	3154492	-	6	108	ATG	TAA	0	0
mORF_-_3154411	3154411	3154470	-	5	60	ATG	TAG	0	0
mORF_-_3154489	3154489	3154497	-	5	9	ATG	TGA	0	0
mORF_-_3154509	3154509	3154595	-	4	87	GTG	TGA	0	0
mORF_-_3154546	3154546	3154629	-	5	84	ATG	TAA	0	0
mORF_-_3154592	3154592	3154600	-	6	9	GTG	TGA	0	0
mORF_-_3154626	3154626	3154745	-	4	120	ATG	TGA	0	0
mORF_-_3154649	3154649	3154657	-	6	9	TTG	TAG	0	0
mORF_-_3154669	3154669	3154749	-	5	81	TTG	TAG	0	0
mORF_-_3154685	3154685	3154720	-	6	36	TTG	TGA	0	0
mORF_-_3154794	3154794	3154892	-	4	99	TTG	TAG	0	0
mORF_-_3154837	3154837	3154890	-	5	54	GTG	TGA	0	0
mORF_-_3154957	3154957	3155025	-	5	69	TTG	TAA	0	0
mORF_-_3154979	3154979	3155002	-	6	24	ATG	TAG	0	0
mORF_-_3154989	3154989	3155060	-	4	72	TTG	TAA	0	0

mORF_-_3155035	3155035	3155151	-	5	117	TTG	TAA	0	0	
mORF_-_3155039	3155039	3155209	-	6	171	ATG	TGA	0	0	
mORF_-_3155133	3155133	3155183	-	4	51	TTG	TGA	0	0	
mORF_-_3155158	3155158	3155181	-	5	24	GTG	TAG	0	0	
mORF_-_3155209	3155209	3155307	-	5	99	ATG	TAA	0	0	
mORF_-_3155238	3155238	3155396	-	4	159	TTG	TGA	0	0	
mORF_-_3155342	3155342	3155479	-	6	138	TTG	TGA	0	0	
mORF_-_3155350	3155350	3155475	-	5	126	ATG	TGA	0	0	
mORF_-_3155427	3155427	3155435	-	4	9	TTG	TGA	0	0	
mORF_-_3155469	3155469	3155528	-	4	60	ATG	TAG	0	0	
mORF_-_3155555	3155555	3155632	-	6	78	ATG	TAA	0	0	
mORF_-_3155616	3155616	3155708	-	4	93	TTG	TAA	0	0	
mORF_-_3155633	3155633	3155653	-	6	21	TTG	TAG	0	0	
mORF_-_3155693	3155693	3155722	-	6	30	GTG	TAA	0	0	
mORF_-_3155712	3155712	3155738	-	4	27	GTG	TAA	0	0	
mORF_-_3155735	3155735	3155764	-	6	30	ATG	TGA	0	0	
mORF_-_3155776	3155776	3155793	-	5	18	GTG	TAG	0	0	
mORF_-_3155783	3155783	3155848	-	6	66	TTG	TGA	0	0	
mORF_-_3155845	3155845	3155889	-	5	45	TTG	TGA	0	0	
mORF_-_3155948	3155948	3156103	-	6	156	ATG	TAG	0	0	
mORF_-_3155983	3155983	3156099	-	5	117	TTG	TGA	0	0	
mORF_-_3156015	3156015	3156047	-	4	33	GTG	TAA	0	0	
mORF_-_3156113	3156113	3156118	-	6	6	TTG	TAA	0	0	
mORF_-_3156155	3156155	3156340	-	6	186	TTG	TAA	0	0	
mORF_-_3156280	3156280	3156306	-	5	27	TTG	TAG	0	0	
mORF_-_3156342	3156342	3156389	-	4	48	GTG	TAA	0	0	
mORF_-_3156346	3156346	3156438	-	5	93	ATG	TAA	0	0	
mORF_-_3156386	3156386	3156481	-	6	96	TTG	TGA	0	0	
mORF_-_3156439	3156439	3156615	-	5	177	TTG	TGA	0	0	
mORF_-_3156555	3156555	3156572	-	4	18	TTG	TAA	0	0	
mORF_-_3156587	3156587	3156595	-	6	9	TTG	TAA	0	0	
mORF_-_3156605	3156605	3156628	-	6	24	TTG	TAA	0	0	
mORF_-_3156616	3156616	3156750	-	5	135	TTG	TAA	0	0	
mORF_-_3156645	3156645	3156728	-	4	84	TTG	TAG	0	0	
mORF_-_3156662	3156662	3156688	-	6	27	TTG	TGA	0	0	
mORF_-_3156725	3156725	3156805	-	6	81	GTG	TGA	0	0	
mORF_-_3156729	3156729	3156764	-	4	36	TTG	TGA	0	0	
mORF_-_3156796	3156796	3156807	-	5	12	TTG	TAG	0	0	
mORF_-_3156810	3156810	3156842	-	4	33	TTG	TAG	0	0	
mORF_-_3156864	3156864	3156992	-	4	129	ATG	TAG	0	0	
mORF_-_3156949	3156949	3159168	-	5	2220	ATG	TAA	1	2	pORF_-_3156949
mORF_-_3157074	3157074	3157127	-	4	54	TTG	TGA	0	0	
mORF_-_3157124	3157124	3157150	-	6	27	TTG	TGA	0	0	
mORF_-_3157143	3157143	3157166	-	4	24	TTG	TAG	0	0	
mORF_-_3157206	3157206	3157307	-	4	102	TTG	TAA	0	0	
mORF_-_3157298	3157298	3157417	-	6	120	GTG	TAA	0	0	
mORF_-_3157428	3157428	3157445	-	4	18	GTG	TGA	0	0	
mORF_-_3157479	3157479	3157541	-	4	63	ATG	TGA	0	0	
mORF_-_3157563	3157563	3157604	-	4	42	TTG	TGA	0	0	
mORF_-_3157668	3157668	3157694	-	4	27	TTG	TAG	0	0	
mORF_-_3157716	3157716	3157874	-	4	159	TTG	TGA	0	0	
mORF_-_3157721	3157721	3157813	-	6	93	TTG	TGA	0	0	
mORF_-_3157884	3157884	3158018	-	4	135	GTG	TGA	0	0	
mORF_-_3157931	3157931	3158164	-	6	234	GTG	TAA	0	0	
mORF_-_3158043	3158043	3158168	-	4	126	ATG	TGA	0	0	
mORF_-_3158190	3158190	3158243	-	4	54	ATG	TGA	0	0	
mORF_-_3158258	3158258	3158311	-	6	54	GTG	TAA	0	0	
mORF_-_3158337	3158337	3158444	-	4	108	TTG	TAA	0	0	
mORF_-_3158378	3158378	3158389	-	6	12	GTG	TAA	0	0	
mORF_-_3158487	3158487	3158588	-	4	102	TTG	TGA	0	0	
mORF_-_3158592	3158592	3158684	-	4	93	TTG	TGA	0	0	
mORF_-_3158681	3158681	3158716	-	6	36	GTG	TGA	0	0	
mORF_-_3158697	3158697	3158801	-	4	105	ATG	TGA	0	0	

mORF_-_3158723	3158723	3158728	-	6	6	TTG	TAA	0	0	
mORF_-_3158835	3158835	3159098	-	4	264	TTG	TGA	0	0	
mORF_-_3158882	3158882	3158974	-	6	93	TTG	TAA	0	0	
mORF_-_3159165	3159165	3159200	-	4	36	TTG	TGA	0	0	
mORF_-_3159197	3159197	3159466	-	6	270	ATG	TGA	0	0	
mORF_-_3159279	3159279	3160691	-	4	1413	ATG	TAA	12	28	pORF_-_3159279
mORF_-_3159412	3159412	3159420	-	5	9	TTG	TGA	0	0	
mORF_-_3159488	3159488	3159616	-	6	129	GTG	TAA	0	0	
mORF_-_3159496	3159496	3159546	-	5	51	GTG	TGA	0	0	
mORF_-_3159568	3159568	3159588	-	5	21	GTG	TGA	0	0	
mORF_-_3159728	3159728	3159826	-	6	99	ATG	TAA	0	0	
mORF_-_3159929	3159929	3159949	-	6	21	ATG	TGA	0	0	
mORF_-_3159989	3159989	3160222	-	6	234	TTG	TGA	0	0	
mORF_-_3160195	3160195	3160212	-	5	18	GTG	TGA	0	0	
mORF_-_3160228	3160228	3160275	-	5	48	GTG	TAA	0	0	
mORF_-_3160388	3160388	3160399	-	6	12	ATG	TGA	0	0	
mORF_-_3160406	3160406	3160531	-	6	126	GTG	TGA	0	0	
mORF_-_3160541	3160541	3160573	-	6	33	TTG	TGA	0	0	
mORF_-_3160570	3160570	3160644	-	5	75	TTG	TGA	0	0	
mORF_-_3160622	3160622	3160702	-	6	81	ATG	TGA	0	0	
mORF_-_3160713	3160713	3160748	-	4	36	TTG	TAG	0	0	
mORF_-_3160766	3160766	3161503	-	6	738	ATG	TAA	7	22	pORF_-_3160766
mORF_-_3160803	3160803	3160844	-	4	42	TTG	TAA	0	0	
mORF_-_3160831	3160831	3160914	-	5	84	TTG	TAA	0	0	
mORF_-_3160915	3160915	3161049	-	5	135	GTG	TGA	0	0	
mORF_-_3160950	3160950	3160973	-	4	24	GTG	TAA	0	0	
mORF_-_3161110	3161110	3161121	-	5	12	TTG	TAG	0	0	
mORF_-_3161136	3161136	3161207	-	4	72	GTG	TAA	0	0	
mORF_-_3161263	3161263	3161346	-	5	84	TTG	TGA	0	0	
mORF_-_3161334	3161334	3161342	-	4	9	GTG	TAA	0	0	
mORF_-_3161350	3161350	3161451	-	5	102	GTG	TGA	0	0	
mORF_-_3161412	3161412	3161534	-	4	123	ATG	TAA	0	0	
mORF_-_3161470	3161470	3161544	-	5	75	GTG	TGA	0	0	
mORF_-_3161551	3161551	3161706	-	5	156	TTG	TGA	0	0	
mORF_-_3161556	3161556	3161630	-	4	75	TTG	TAA	0	0	
mORF_-_3161597	3161597	3161611	-	6	15	ATG	TAA	0	0	
mORF_-_3161679	3161679	3161789	-	4	111	GTG	TAA	0	0	
mORF_-_3161737	3161737	3163995	-	5	2259	ATG	TAA	37	305	pORF_-_3161737
mORF_-_3161814	3161814	3161894	-	4	81	ATG	TGA	0	0	
mORF_-_3161901	3161901	3162023	-	4	123	GTG	TGA	0	0	
mORF_-_3162036	3162036	3162089	-	4	54	TTG	TGA	0	0	
mORF_-_3162090	3162090	3162116	-	4	27	ATG	TGA	0	0	
mORF_-_3162132	3162132	3162200	-	4	69	ATG	TGA	0	0	
mORF_-_3162237	3162237	3162251	-	4	15	TTG	TGA	0	0	
mORF_-_3162273	3162273	3162362	-	4	90	TTG	TAA	0	0	
mORF_-_3162390	3162390	3162413	-	4	24	GTG	TGA	0	0	
mORF_-_3162426	3162426	3162491	-	4	66	TTG	TGA	0	0	
mORF_-_3162528	3162528	3162578	-	4	51	GTG	TGA	0	0	
mORF_-_3162624	3162624	3162692	-	4	69	GTG	TGA	0	0	
mORF_-_3162702	3162702	3162722	-	4	21	TTG	TGA	0	0	
mORF_-_3162735	3162735	3162776	-	4	42	TTG	TGA	0	0	
mORF_-_3162786	3162786	3162827	-	4	42	TTG	TGA	0	0	
mORF_-_3162824	3162824	3162949	-	6	126	ATG	TGA	0	0	
mORF_-_3162975	3162975	3162992	-	4	18	ATG	TGA	0	0	
mORF_-_3163062	3163062	3163100	-	4	39	TTG	TGA	0	0	
mORF_-_3163101	3163101	3163289	-	4	189	GTG	TGA	0	0	
mORF_-_3163148	3163148	3163264	-	6	117	GTG	TGA	0	0	
mORF_-_3163410	3163410	3163481	-	4	72	TTG	TAA	0	0	
mORF_-_3163596	3163596	3163697	-	4	102	TTG	TGA	0	0	
mORF_-_3163731	3163731	3163832	-	4	102	ATG	TGA	0	0	
mORF_-_3163833	3163833	3163862	-	4	30	TTG	TGA	0	0	
mORF_-_3163881	3163881	3163910	-	4	30	GTG	TGA	0	0	
mORF_-_3163938	3163938	3163973	-	4	36	TTG	TAA	0	0	

mORF_-_3163995	3163995	3164012	-	4	18	TTG	TAA	0	0	
mORF_-_3164014	3164014	3164031	-	5	18	TTG	TAA	0	0	
mORF_-_3164028	3164028	3164039	-	4	12	TTG	TGA	0	0	
mORF_-_3164054	3164054	3164203	-	6	150	TTG	TAG	0	0	
mORF_-_3164059	3164059	3164079	-	5	21	GTG	TAA	0	0	
mORF_-_3164086	3164086	3164136	-	5	51	TTG	TGA	0	0	
mORF_-_3164133	3164133	3165803	-	4	1671	TTG	TGA	9	0	pORF_-_3164133
mORF_-_3164273	3164273	3164314	-	6	42	ATG	TGA	0	0	
mORF_-_3164336	3164336	3164386	-	6	51	GTG	TAA	0	0	
mORF_-_3164405	3164405	3164485	-	6	81	TTG	TGA	0	0	
mORF_-_3164422	3164422	3164442	-	5	21	GTG	TGA	0	0	
mORF_-_3164482	3164482	3164544	-	5	63	ATG	TGA	0	0	
mORF_-_3164516	3164516	3164527	-	6	12	GTG	TGA	0	0	
mORF_-_3164558	3164558	3164605	-	6	48	TTG	TAG	0	0	
mORF_-_3164642	3164642	3164674	-	6	33	GTG	TGA	0	0	
mORF_-_3164675	3164675	3164695	-	6	21	ATG	TGA	0	0	
mORF_-_3164756	3164756	3164848	-	6	93	TTG	TGA	0	0	
mORF_-_3164873	3164873	3164917	-	6	45	TTG	TGA	0	0	
mORF_-_3164999	3164999	3165043	-	6	45	ATG	TAG	0	0	
mORF_-_3165082	3165082	3165093	-	5	12	GTG	TAA	0	0	
mORF_-_3165086	3165086	3165400	-	6	315	TTG	TAG	0	0	
mORF_-_3165157	3165157	3165219	-	5	63	TTG	TAA	0	0	
mORF_-_3165373	3165373	3165435	-	5	63	GTG	TGA	0	0	
mORF_-_3165413	3165413	3165700	-	6	288	GTG	TGA	0	0	
mORF_-_3165523	3165523	3165537	-	5	15	ATG	TGA	0	0	
mORF_-_3165676	3165676	3165828	-	5	153	GTG	TGA	0	0	
mORF_-_3165761	3165761	3165778	-	6	18	TTG	TAA	0	0	
mORF_-_3165825	3165825	3165869	-	4	45	ATG	TGA	0	0	
mORF_-_3165869	3165869	3165886	-	6	18	ATG	TAA	0	0	
mORF_-_3165873	3165873	3166268	-	4	396	ATG	TAA	3	7	pORF_-_3165873
mORF_-_3165887	3165887	3165979	-	6	93	ATG	TGA	0	0	
mORF_-_3165980	3165980	3165994	-	6	15	TTG	TAA	0	0	
mORF_-_3166046	3166046	3166075	-	6	30	ATG	TAG	0	0	
mORF_-_3166097	3166097	3166117	-	6	21	ATG	TAA	0	0	
mORF_-_3166129	3166129	3166161	-	5	33	TTG	TAA	0	0	
mORF_-_3166133	3166133	3166159	-	6	27	GTG	TGA	0	0	
mORF_-_3166181	3166181	3166201	-	6	21	GTG	TGA	0	0	
mORF_-_3166222	3166222	3166263	-	5	42	ATG	TAA	0	0	
mORF_-_3166270	3166270	3166566	-	5	297	ATG	TAA	0	0	
mORF_-_3166293	3166293	3166304	-	4	12	ATG	TGA	0	0	
mORF_-_3166308	3166308	3166361	-	4	54	ATG	TAA	0	0	
mORF_-_3166392	3166392	3166451	-	4	60	TTG	TGA	0	0	
mORF_-_3166436	3166436	3166441	-	6	6	GTG	TAA	0	0	
mORF_-_3166461	3166461	3166475	-	4	15	ATG	TAG	0	0	
mORF_-_3166476	3166476	3166520	-	4	45	TTG	TAA	0	0	
mORF_-_3166607	3166607	3166630	-	6	24	GTG	TAA	0	0	
mORF_-_3166611	3166611	3166667	-	4	57	GTG	TAA	0	0	
mORF_-_3166639	3166639	3166719	-	5	81	ATG	TAA	0	0	
mORF_-_3166643	3166643	3166669	-	6	27	GTG	TAA	0	0	
mORF_-_3166682	3166682	3166774	-	6	93	GTG	TAA	0	0	
mORF_-_3166764	3166764	3166793	-	4	30	ATG	TGA	0	0	
mORF_-_3166771	3166771	3167253	-	5	483	ATG	TGA	0	0	
mORF_-_3166815	3166815	3166982	-	4	168	ATG	TGA	0	0	
mORF_-_3166859	3166859	3166909	-	6	51	ATG	TAA	0	0	
mORF_-_3166986	3166986	3167090	-	4	105	TTG	TGA	0	0	
mORF_-_3167129	3167129	3167137	-	6	9	GTG	TAA	0	0	
mORF_-_3167177	3167177	3167305	-	6	129	TTG	TAG	0	0	
mORF_-_3167229	3167229	3167234	-	4	6	ATG	TAA	0	0	
mORF_-_3167306	3167306	3167755	-	6	450	TTG	TAA	19	208	pORF_-_3167306
mORF_-_3167314	3167314	3167385	-	5	72	TTG	TAA	0	0	
mORF_-_3167407	3167407	3167496	-	5	90	TTG	TGA	0	0	
mORF_-_3167515	3167515	3167532	-	5	18	GTG	TAA	0	0	
mORF_-_3167529	3167529	3167660	-	4	132	GTG	TGA	0	0	

mORF_-_3167713	3167713	3167733	-	5	21	ATG	TAA	0	0
mORF_-_3167780	3167780	3167824	-	6	45	TTG	TAA	0	0
mORF_-_3167800	3167800	3167808	-	5	9	GTG	TAA	0	0
mORF_-_3167831	3167831	3167899	-	6	69	TTG	TAA	0	0
mORF_-_3167859	3167859	3167945	-	4	87	TTG	TAA	0	0
mORF_-_3167938	3167938	3167979	-	5	42	GTG	TAA	0	0
mORF_-_3167981	3167981	3168019	-	6	39	ATG	TAA	0	0
mORF_-_3168009	3168009	3168236	-	4	228	GTG	TAA	0	0
mORF_-_3168140	3168140	3168406	-	6	267	GTG	TAA	0	0
mORF_-_3168244	3168244	3168306	-	5	63	TTG	TGA	0	0
mORF_-_3168327	3168327	3168479	-	4	153	ATG	TAA	0	0
mORF_-_3168434	3168434	3168448	-	6	15	TTG	TGA	0	0
mORF_-_3168463	3168463	3168711	-	5	249	ATG	TAA	0	0
mORF_-_3168488	3168488	3168520	-	6	33	TTG	TAA	0	0
mORF_-_3168537	3168537	3168614	-	4	78	TTG	TGA	0	0
mORF_-_3168557	3168557	3168646	-	6	90	TTG	TAA	0	0
mORF_-_3168693	3168693	3168725	-	4	33	TTG	TGA	0	0
mORF_-_3168731	3168731	3168868	-	6	138	TTG	TAA	0	0
mORF_-_3168742	3168742	3168774	-	5	33	ATG	TGA	0	0
mORF_-_3168801	3168801	3169016	-	4	216	GTG	TAA	0	0
mORF_-_3168841	3168841	3169077	-	5	237	TTG	TGA	0	0
mORF_-_3168911	3168911	3168994	-	6	84	TTG	TGA	0	0
mORF_-_3169035	3169035	3169196	-	4	162	GTG	TGA	0	0
mORF_-_3169172	3169172	3169243	-	6	72	GTG	TAG	0	0
mORF_-_3169177	3169177	3169194	-	5	18	GTG	TGA	0	0
mORF_-_3169224	3169224	3169331	-	4	108	GTG	TAA	0	0
mORF_-_3169259	3169259	3169339	-	6	81	TTG	TAA	0	0
mORF_-_3169340	3169340	3169381	-	6	42	TTG	TAA	0	0
mORF_-_3169378	3169378	3169389	-	5	12	GTG	TGA	0	0
mORF_-_3169386	3169386	3169520	-	4	135	GTG	TGA	0	0
mORF_-_3169406	3169406	3169552	-	6	147	TTG	TGA	0	0
mORF_-_3169477	3169477	3169545	-	5	69	GTG	TAA	0	0
mORF_-_3169536	3169536	3169613	-	4	78	GTG	TGA	0	0
mORF_-_3169562	3169562	3169735	-	6	174	TTG	TAG	0	0
mORF_-_3169603	3169603	3169656	-	5	54	ATG	TAG	0	0
mORF_-_3169653	3169653	3169727	-	4	75	GTG	TGA	0	0
mORF_-_3169717	3169717	3169974	-	5	258	ATG	TAG	0	0
mORF_-_3169740	3169740	3170108	-	4	369	TTG	TAG	0	0
mORF_-_3169760	3169760	3169825	-	6	66	TTG	TAG	0	0
mORF_-_3169901	3169901	3170233	-	6	333	ATG	TAG	0	0
mORF_-_3170014	3170014	3170058	-	5	45	TTG	TAA	0	0
mORF_-_3170059	3170059	3170154	-	5	96	TTG	TGA	0	0
mORF_-_3170142	3170142	3170174	-	4	33	TTG	TAA	0	0
mORF_-_3170185	3170185	3170205	-	5	21	TTG	TAA	0	0
mORF_-_3170214	3170214	3170294	-	4	81	ATG	TAA	0	0
mORF_-_3170227	3170227	3170259	-	5	33	ATG	TAA	0	0
mORF_-_3170246	3170246	3170275	-	6	30	ATG	TGA	0	0
mORF_-_3170269	3170269	3170280	-	5	12	GTG	TGA	0	0
mORF_-_3170298	3170298	3170330	-	4	33	TTG	TAA	0	0
mORF_-_3170306	3170306	3170344	-	6	39	TTG	TGA	0	0
mORF_-_3170320	3170320	3170427	-	5	108	ATG	TGA	0	0
mORF_-_3170435	3170435	3170482	-	6	48	ATG	TGA	0	0
mORF_-_3170446	3170446	3170496	-	5	51	GTG	TGA	0	0
mORF_-_3170457	3170457	3170480	-	4	24	GTG	TAG	0	0
mORF_-_3170493	3170493	3170537	-	4	45	GTG	TGA	0	0
mORF_-_3170534	3170534	3171112	-	6	579	ATG	TGA	0	0
mORF_-_3170545	3170545	3170601	-	5	57	TTG	TAA	0	0
mORF_-_3170571	3170571	3170645	-	4	75	GTG	TGA	0	0
mORF_-_3170605	3170605	3170673	-	5	69	ATG	TGA	0	0
mORF_-_3170692	3170692	3170811	-	5	120	GTG	TAG	0	0
mORF_-_3170808	3170808	3170936	-	4	129	TTG	TGA	0	0
mORF_-_3170818	3170818	3170949	-	5	132	GTG	TGA	0	0
mORF_-_3170946	3170946	3171047	-	4	102	ATG	TGA	0	0

mORF_-_3171088	3171088	3171108	-	5	21	TTG	TAG	0	0	
mORF_-_3171148	3171148	3171165	-	5	18	ATG	TAA	0	0	
mORF_-_3171158	3171158	3171514	-	6	357	TTG	TAA	0	0	
mORF_-_3171237	3171237	3171290	-	4	54	TTG	TAG	0	0	
mORF_-_3171280	3171280	3171405	-	5	126	ATG	TAG	0	0	
mORF_-_3171324	3171324	3171332	-	4	9	GTG	TAG	0	0	
mORF_-_3171339	3171339	3171536	-	4	198	TTG	TAG	0	0	
mORF_-_3171475	3171475	3171501	-	5	27	ATG	TAA	0	0	
mORF_-_3171526	3171526	3173418	-	5	1893	ATG	TAA	10	23	pORF_-_3171526
mORF_-_3171612	3171612	3171644	-	4	33	ATG	TGA	0	0	
mORF_-_3171651	3171651	3171683	-	4	33	TTG	TGA	0	0	
mORF_-_3171765	3171765	3171776	-	4	12	TTG	TAA	0	0	
mORF_-_3171801	3171801	3171833	-	4	33	TTG	TGA	0	0	
mORF_-_3171897	3171897	3171974	-	4	78	ATG	TAA	0	0	
mORF_-_3172098	3172098	3172172	-	4	75	TTG	TGA	0	0	
mORF_-_3172190	3172190	3172210	-	6	21	TTG	TAA	0	0	
mORF_-_3172245	3172245	3172277	-	4	33	GTG	TGA	0	0	
mORF_-_3172322	3172322	3172396	-	6	75	ATG	TGA	0	0	
mORF_-_3172344	3172344	3172364	-	4	21	ATG	TGA	0	0	
mORF_-_3172368	3172368	3172433	-	4	66	TTG	TGA	0	0	
mORF_-_3172452	3172452	3172466	-	4	15	ATG	TAA	0	0	
mORF_-_3172503	3172503	3172583	-	4	81	ATG	TAA	0	0	
mORF_-_3172629	3172629	3172736	-	4	108	ATG	TGA	0	0	
mORF_-_3172637	3172637	3172657	-	6	21	GTG	TGA	0	0	
mORF_-_3172737	3172737	3172760	-	4	24	ATG	TAA	0	0	
mORF_-_3172757	3172757	3172780	-	6	24	GTG	TGA	0	0	
mORF_-_3172761	3172761	3172826	-	4	66	TTG	TGA	0	0	
mORF_-_3172823	3172823	3172837	-	6	15	GTG	TGA	0	0	
mORF_-_3172854	3172854	3172862	-	4	9	ATG	TGA	0	0	
mORF_-_3172866	3172866	3173021	-	4	156	ATG	TGA	0	0	
mORF_-_3172946	3172946	3172954	-	6	9	TTG	TAA	0	0	
mORF_-_3173040	3173040	3173135	-	4	96	ATG	TAG	0	0	
mORF_-_3173123	3173123	3173146	-	6	24	TTG	TAA	0	0	
mORF_-_3173151	3173151	3173216	-	4	66	TTG	TGA	0	0	
mORF_-_3173223	3173223	3173396	-	4	174	ATG	TAG	0	0	
mORF_-_3173422	3173422	3173466	-	5	45	TTG	TAA	0	0	
mORF_-_3173447	3173447	3174028	-	6	582	ATG	TGA	3	17	pORF_-_3173447
mORF_-_3173527	3173527	3173589	-	5	63	ATG	TAG	0	0	
mORF_-_3173614	3173614	3173640	-	5	27	TTG	TGA	0	0	
mORF_-_3173677	3173677	3173685	-	5	9	ATG	TAG	0	0	
mORF_-_3173731	3173731	3173742	-	5	12	TTG	TGA	0	0	
mORF_-_3173739	3173739	3173789	-	4	51	ATG	TGA	0	0	
mORF_-_3173761	3173761	3173868	-	5	108	TTG	TAA	0	0	
mORF_-_3173923	3173923	3173931	-	5	9	TTG	TGA	0	0	
mORF_-_3174028	3174028	3174855	-	5	828	TTG	TGA	3	7	pORF_-_3174028
mORF_-_3174093	3174093	3174425	-	4	333	TTG	TGA	0	0	
mORF_-_3174173	3174173	3174256	-	6	84	GTG	TAA	0	0	
mORF_-_3174311	3174311	3174337	-	6	27	TTG	TAA	0	0	
mORF_-_3174338	3174338	3174343	-	6	6	TTG	TAG	0	0	
mORF_-_3174407	3174407	3174421	-	6	15	GTG	TAA	0	0	
mORF_-_3174438	3174438	3174602	-	4	165	GTG	TGA	0	0	
mORF_-_3174470	3174470	3174493	-	6	24	ATG	TAG	0	0	
mORF_-_3174660	3174660	3174680	-	4	21	TTG	TAG	0	0	
mORF_-_3174753	3174753	3174824	-	4	72	GTG	TAG	0	0	
mORF_-_3174840	3174840	3174908	-	4	69	ATG	TAA	0	0	
mORF_-_3174880	3174880	3175302	-	5	423	ATG	TAG	0	0	
mORF_-_3174936	3174936	3175058	-	4	123	ATG	TAG	0	0	
mORF_-_3174995	3174995	3175036	-	6	42	GTG	TGA	0	0	
mORF_-_3175125	3175125	3175157	-	4	33	TTG	TGA	0	0	
mORF_-_3175194	3175194	3175217	-	4	24	ATG	TAA	0	0	
mORF_-_3175214	3175214	3175261	-	6	48	GTG	TGA	0	0	
mORF_-_3175283	3175283	3175312	-	6	30	GTG	TGA	0	0	
mORF_-_3175299	3175299	3175316	-	4	18	ATG	TGA	0	0	

mORF_-_3175303	3175303	3175932	-	5	630	ATG	TAA	9	39	pORF_-_3175303
mORF_-_3175313	3175313	3175399	-	6	87	GTG	TGA	0	0	
mORF_-_3175419	3175419	3175520	-	4	102	GTG	TAA	0	0	
mORF_-_3175575	3175575	3175637	-	4	63	TTG	TGA	0	0	
mORF_-_3175634	3175634	3175666	-	6	33	TTG	TGA	0	0	
mORF_-_3175638	3175638	3175709	-	4	72	TTG	TGA	0	0	
mORF_-_3175710	3175710	3175793	-	4	84	ATG	TGA	0	0	
mORF_-_3175839	3175839	3175877	-	4	39	TTG	TAG	0	0	
mORF_-_3175884	3175884	3175901	-	4	18	TTG	TAG	0	0	
mORF_-_3175935	3175935	3176024	-	4	90	ATG	TAA	0	0	
mORF_-_3175973	3175973	3176005	-	6	33	ATG	TGA	0	0	
mORF_-_3176002	3176002	3176022	-	5	21	GTG	TGA	0	0	
mORF_-_3176024	3176024	3176125	-	6	102	GTG	TAA	0	0	
mORF_-_3176032	3176032	3176085	-	5	54	TTG	TAG	0	0	
mORF_-_3176091	3176091	3176156	-	4	66	ATG	TAA	0	0	
mORF_-_3176119	3176119	3176229	-	5	111	TTG	TGA	0	0	
mORF_-_3176183	3176183	3176233	-	6	51	GTG	TGA	0	0	
mORF_-_3176294	3176294	3176323	-	6	30	GTG	TAA	0	0	
mORF_-_3176343	3176343	3176348	-	4	6	GTG	TAA	0	0	
mORF_-_3176349	3176349	3176357	-	4	9	TTG	TAG	0	0	
mORF_-_3176361	3176361	3176384	-	4	24	TTG	TAG	0	0	
mORF_-_3176413	3176413	3176421	-	5	9	TTG	TAA	0	0	
mORF_-_3176418	3176418	3176426	-	4	9	ATG	TGA	0	0	
mORF_-_3176452	3176452	3176610	-	5	159	TTG	TAA	0	0	
mORF_-_3176481	3176481	3176492	-	4	12	GTG	TGA	0	0	
mORF_-_3176505	3176505	3176528	-	4	24	GTG	TGA	0	0	
mORF_-_3176538	3176538	3176546	-	4	9	TTG	TAA	0	0	
mORF_-_3176558	3176558	3176587	-	6	30	GTG	TAG	0	0	
mORF_-_3176611	3176611	3176628	-	5	18	TTG	TAA	0	0	
mORF_-_3176616	3176616	3176759	-	4	144	GTG	TGA	0	0	
mORF_-_3176654	3176654	3176716	-	6	63	GTG	TGA	0	0	
mORF_-_3176769	3176769	3176861	-	4	93	TTG	TAG	0	0	
mORF_-_3176804	3176804	3176821	-	6	18	GTG	TAA	0	0	
mORF_-_3176828	3176828	3176881	-	6	54	GTG	TAA	0	0	
mORF_-_3176872	3176872	3176934	-	5	63	GTG	TAA	0	0	
mORF_-_3176931	3176931	3176978	-	4	48	GTG	TGA	0	0	
mORF_-_3176950	3176950	3177258	-	5	309	TTG	TAA	0	0	
mORF_-_3176982	3176982	3177050	-	4	69	TTG	TAA	0	0	
mORF_-_3177081	3177081	3177224	-	4	144	ATG	TGA	0	0	
mORF_-_3177095	3177095	3177118	-	6	24	GTG	TAA	0	0	
mORF_-_3177203	3177203	3177211	-	6	9	ATG	TAA	0	0	
mORF_-_3177224	3177224	3177265	-	6	42	ATG	TAA	0	0	
mORF_-_3177231	3177231	3177236	-	4	6	TTG	TAG	0	0	
mORF_-_3177265	3177265	3177354	-	5	90	TTG	TAA	0	0	
mORF_-_3177285	3177285	3177350	-	4	66	TTG	TAG	0	0	
mORF_-_3177390	3177390	3177476	-	4	87	GTG	TGA	0	0	
mORF_-_3177401	3177401	3177445	-	6	45	GTG	TAA	0	0	
mORF_-_3177406	3177406	3177909	-	5	504	TTG	TGA	0	0	
mORF_-_3177476	3177476	3177496	-	6	21	GTG	TAG	0	0	
mORF_-_3177518	3177518	3177577	-	6	60	GTG	TAG	0	0	
mORF_-_3177561	3177561	3177587	-	4	27	GTG	TGA	0	0	
mORF_-_3177597	3177597	3177707	-	4	111	TTG	TGA	0	0	
mORF_-_3177704	3177704	3177721	-	6	18	ATG	TGA	0	0	
mORF_-_3177725	3177725	3177832	-	6	108	GTG	TAG	0	0	
mORF_-_3177741	3177741	3177854	-	4	114	GTG	TAA	0	0	
mORF_-_3177860	3177860	3178324	-	6	465	TTG	TAA	0	0	
mORF_-_3177906	3177906	3178016	-	4	111	GTG	TGA	0	0	
mORF_-_3177925	3177925	3178383	-	5	459	TTG	TGA	0	0	
mORF_-_3178050	3178050	3178082	-	4	33	ATG	TGA	0	0	
mORF_-_3178149	3178149	3178154	-	4	6	ATG	TAA	0	0	
mORF_-_3178266	3178266	3178685	-	4	420	GTG	TAG	0	0	
mORF_-_3178388	3178388	3178507	-	6	120	TTG	TAG	0	0	
mORF_-_3178511	3178511	3178519	-	6	9	ATG	TGA	0	0	

mORF_-_3178553	3178553	3178687	-	6	135	GTG	TAG	0	0
mORF_-_3178594	3178594	3178728	-	5	135	ATG	TGA	0	0
mORF_-_3178707	3178707	3178721	-	4	15	GTG	TGA	0	0
mORF_-_3178733	3178733	3178765	-	6	33	GTG	TAA	0	0
mORF_-_3178774	3178774	3178812	-	5	39	GTG	TAG	0	0
mORF_-_3178812	3178812	3178967	-	4	156	ATG	TAG	0	0
mORF_-_3178853	3178853	3179008	-	6	156	ATG	TGA	0	0
mORF_-_3178969	3178969	3179031	-	5	63	TTG	TGA	0	0
mORF_-_3179060	3179060	3179065	-	6	6	ATG	TAG	0	0
mORF_-_3179093	3179093	3179101	-	6	9	GTG	TGA	0	0
mORF_-_3179114	3179114	3179242	-	6	129	TTG	TGA	0	0
mORF_-_3179155	3179155	3179178	-	5	24	TTG	TAA	0	0
mORF_-_3179230	3179230	3179247	-	5	18	GTG	TAA	0	0
mORF_-_3179256	3179256	3179459	-	4	204	GTG	TAG	0	0
mORF_-_3179318	3179318	3179404	-	6	87	ATG	TGA	0	0
mORF_-_3179344	3179344	3179373	-	5	30	TTG	TAA	0	0
mORF_-_3179383	3179383	3179553	-	5	171	ATG	TGA	0	0
mORF_-_3179463	3179463	3179630	-	4	168	ATG	TAA	0	0
mORF_-_3179516	3179516	3179560	-	6	45	GTG	TGA	0	0
mORF_-_3179557	3179557	3179586	-	5	30	GTG	TGA	0	0
mORF_-_3179579	3179579	3179623	-	6	45	GTG	TAA	0	0
mORF_-_3179641	3179641	3180456	-	5	816	ATG	TAA	0	0
mORF_-_3179682	3179682	3179729	-	4	48	GTG	TAG	0	0
mORF_-_3179690	3179690	3179725	-	6	36	GTG	TGA	0	0
mORF_-_3179730	3179730	3179792	-	4	63	ATG	TAG	0	0
mORF_-_3179789	3179789	3179839	-	6	51	GTG	TGA	0	0
mORF_-_3179853	3179853	3179900	-	4	48	GTG	TGA	0	0
mORF_-_3179864	3179864	3179881	-	6	18	GTG	TAA	0	0
mORF_-_3179897	3179897	3179908	-	6	12	GTG	TGA	0	0
mORF_-_3179955	3179955	3179966	-	4	12	ATG	TAA	0	0
mORF_-_3180071	3180071	3180088	-	6	18	GTG	TAA	0	0
mORF_-_3180075	3180075	3180101	-	4	27	TTG	TGA	0	0
mORF_-_3180141	3180141	3180233	-	4	93	ATG	TAG	0	0
mORF_-_3180261	3180261	3180305	-	4	45	TTG	TGA	0	0
mORF_-_3180453	3180453	3180521	-	4	69	ATG	TGA	0	0
mORF_-_3180467	3180467	3180508	-	6	42	TTG	TGA	0	0
mORF_-_3180556	3180556	3180711	-	5	156	ATG	TAA	0	0
mORF_-_3180575	3180575	3180649	-	6	75	TTG	TGA	0	0
mORF_-_3180708	3180708	3180740	-	4	33	GTG	TGA	0	0
mORF_-_3180740	3180740	3180838	-	6	99	ATG	TAG	0	0
mORF_-_3180783	3180783	3180878	-	4	96	TTG	TAA	0	0
mORF_-_3180802	3180802	3180822	-	5	21	ATG	TAG	0	0
mORF_-_3180835	3180835	3181017	-	5	183	TTG	TGA	0	0
mORF_-_3180848	3180848	3181015	-	6	168	GTG	TAA	0	0
mORF_-_3180957	3180957	3181061	-	4	105	TTG	TGA	0	0
mORF_-_3181051	3181051	3181245	-	5	195	TTG	TAA	0	0
mORF_-_3181170	3181170	3181181	-	4	12	TTG	TGA	0	0
mORF_-_3181308	3181308	3181379	-	4	72	TTG	TGA	0	0
mORF_-_3181322	3181322	3181354	-	6	33	ATG	TAG	0	0
mORF_-_3181354	3181354	3181395	-	5	42	GTG	TGA	0	0
mORF_-_3181403	3181403	3181597	-	6	195	TTG	TAA	0	0
mORF_-_3181441	3181441	3181464	-	5	24	TTG	TAA	0	0
mORF_-_3181461	3181461	3181499	-	4	39	TTG	TGA	0	0
mORF_-_3181507	3181507	3181542	-	5	36	TTG	TGA	0	0
mORF_-_3181543	3181543	3181551	-	5	9	TTG	TGA	0	0
mORF_-_3181584	3181584	3181607	-	4	24	ATG	TAA	0	0
mORF_-_3181600	3181600	3181659	-	5	60	ATG	TAG	0	0
mORF_-_3181608	3181608	3181649	-	4	42	ATG	TAA	0	0
mORF_-_3181622	3181622	3181627	-	6	6	ATG	TGA	0	0
mORF_-_3181646	3181646	3181672	-	6	27	TTG	TGA	0	0
mORF_-_3181673	3181673	3181690	-	6	18	ATG	TAA	0	0
mORF_-_3181712	3181712	3181759	-	6	48	ATG	TAA	0	0
mORF_-_3181726	3181726	3181884	-	5	159	TTG	TGA	0	0

mORF_-_3181788	3181788	3181793	-	4	6	TTG	TAG	0	0	
mORF_-_3181835	3181835	3182488	-	6	654	ATG	TGA	24	325	pORF_-_3181835
mORF_-_3181888	3181888	3181959	-	5	72	ATG	TGA	0	0	
mORF_-_3181920	3181920	3181928	-	4	9	GTG	TGA	0	0	
mORF_-_3181963	3181963	3181980	-	5	18	GTG	TGA	0	0	
mORF_-_3181968	3181968	3181973	-	4	6	GTG	TGA	0	0	
mORF_-_3182008	3182008	3182040	-	5	33	GTG	TGA	0	0	
mORF_-_3182044	3182044	3182055	-	5	12	GTG	TGA	0	0	
mORF_-_3182095	3182095	3182166	-	5	72	GTG	TGA	0	0	
mORF_-_3182173	3182173	3182193	-	5	21	TTG	TGA	0	0	
mORF_-_3182197	3182197	3182217	-	5	21	ATG	TGA	0	0	
mORF_-_3182242	3182242	3182295	-	5	54	TTG	TGA	0	0	
mORF_-_3182274	3182274	3182291	-	4	18	TTG	TGA	0	0	
mORF_-_3182317	3182317	3182334	-	5	18	TTG	TGA	0	0	
mORF_-_3182359	3182359	3182394	-	5	36	TTG	TGA	0	0	
mORF_-_3182401	3182401	3182463	-	5	63	TTG	TAA	0	0	
mORF_-_3182439	3182439	3182579	-	4	141	ATG	TGA	0	0	
mORF_-_3182525	3182525	3182551	-	6	27	ATG	TGA	0	0	
mORF_-_3182536	3182536	3182670	-	5	135	TTG	TAA	0	0	
mORF_-_3182615	3182615	3182689	-	6	75	TTG	TAG	0	0	
mORF_-_3182634	3182634	3182666	-	4	33	GTG	TAA	0	0	
mORF_-_3182686	3182686	3182775	-	5	90	TTG	TGA	0	0	
mORF_-_3182756	3182756	3182788	-	6	33	GTG	TAG	0	0	
mORF_-_3182763	3182763	3182906	-	4	144	GTG	TAA	0	0	
mORF_-_3182785	3182785	3182790	-	5	6	ATG	TGA	0	0	
mORF_-_3182813	3182813	3182839	-	6	27	GTG	TAA	0	0	
mORF_-_3182821	3182821	3182832	-	5	12	GTG	TAG	0	0	
mORF_-_3182857	3182857	3182913	-	5	57	TTG	TAG	0	0	
mORF_-_3182903	3182903	3183112	-	6	210	TTG	TGA	0	0	
mORF_-_3182910	3182910	3182966	-	4	57	TTG	TGA	0	0	
mORF_-_3182970	3182970	3183032	-	4	63	TTG	TAG	0	0	
mORF_-_3183039	3183039	3183074	-	4	36	TTG	TAA	0	0	
mORF_-_3183109	3183109	3183156	-	5	48	ATG	TGA	0	0	
mORF_-_3183163	3183163	3183171	-	5	9	GTG	TAA	0	0	
mORF_-_3183193	3183193	3183234	-	5	42	ATG	TAG	0	0	
mORF_-_3183235	3183235	3183285	-	5	51	TTG	TGA	0	0	
mORF_-_3183246	3183246	3183251	-	4	6	TTG	TGA	0	0	
mORF_-_3183294	3183294	3183365	-	4	72	TTG	TAA	0	0	
mORF_-_3183305	3183305	3183358	-	6	54	ATG	TAA	0	0	
mORF_-_3183331	3183331	3183345	-	5	15	TTG	TAA	0	0	
mORF_-_3183362	3183362	3183400	-	6	39	ATG	TGA	0	0	
mORF_-_3183393	3183393	3183491	-	4	99	TTG	TAG	0	0	
mORF_-_3183446	3183446	3183478	-	6	33	TTG	TAA	0	0	
mORF_-_3183454	3183454	3183516	-	5	63	GTG	TGA	0	0	
mORF_-_3183542	3183542	3183556	-	6	15	ATG	TAA	0	0	
mORF_-_3183583	3183583	3183663	-	5	81	GTG	TAA	0	0	
mORF_-_3183630	3183630	3183656	-	4	27	GTG	TGA	0	0	
mORF_-_3183660	3183660	3183677	-	4	18	ATG	TGA	0	0	
mORF_-_3183695	3183695	3183706	-	6	12	TTG	TAG	0	0	
mORF_-_3183699	3183699	3183740	-	4	42	ATG	TAA	0	0	
mORF_-_3183725	3183725	3183733	-	6	9	TTG	TAG	0	0	
mORF_-_3183747	3183747	3183881	-	4	135	TTG	TGA	0	0	
mORF_-_3183844	3183844	3184074	-	5	231	TTG	TAA	0	0	
mORF_-_3183888	3183888	3183947	-	4	60	TTG	TGA	0	0	
mORF_-_3183902	3183902	3184015	-	6	114	GTG	TGA	0	0	
mORF_-_3183966	3183966	3183971	-	4	6	TTG	TAG	0	0	
mORF_-_3184043	3184043	3184072	-	6	30	GTG	TGA	0	0	
mORF_-_3184087	3184087	3184107	-	5	21	ATG	TAA	0	0	
mORF_-_3184097	3184097	3184252	-	6	156	GTG	TAA	0	0	
mORF_-_3184107	3184107	3184145	-	4	39	TTG	TAA	0	0	
mORF_-_3184117	3184117	3184155	-	5	39	GTG	TAA	0	0	
mORF_-_3184195	3184195	3184269	-	5	75	TTG	TGA	0	0	
mORF_-_3184221	3184221	3184325	-	4	105	ATG	TAA	0	0	

mORF_-_3184274	3184274	3184501	-	6	228	TTG	TGA	0	0
mORF_-_3184344	3184344	3184544	-	4	201	GTG	TAA	0	0
mORF_-_3184498	3184498	3184623	-	5	126	ATG	TGA	0	0
mORF_-_3184577	3184577	3185008	-	6	432	GTG	TAA	0	0
mORF_-_3184666	3184666	3184671	-	5	6	GTG	TGA	0	0
mORF_-_3184707	3184707	3184724	-	4	18	TTG	TAA	0	0
mORF_-_3184732	3184732	3184800	-	5	69	TTG	TAA	0	0
mORF_-_3184807	3184807	3184908	-	5	102	TTG	TAA	0	0
mORF_-_3184815	3184815	3184877	-	4	63	GTG	TGA	0	0
mORF_-_3184909	3184909	3185088	-	5	180	TTG	TGA	0	0
mORF_-_3184968	3184968	3185003	-	4	36	GTG	TGA	0	0
mORF_-_3185055	3185055	3185135	-	4	81	ATG	TGA	0	0
mORF_-_3185137	3185137	3185196	-	5	60	GTG	TAG	0	0
mORF_-_3185145	3185145	3185156	-	4	12	GTG	TAG	0	0
mORF_-_3185260	3185260	3185280	-	5	21	TTG	TAG	0	0
mORF_-_3185271	3185271	3185459	-	4	189	ATG	TGA	0	0
mORF_-_3185291	3185291	3185350	-	6	60	ATG	TAA	0	0
mORF_-_3185408	3185408	3185443	-	6	36	TTG	TAA	0	0
mORF_-_3185475	3185475	3185588	-	4	114	GTG	TAA	0	0
mORF_-_3185500	3185500	3185559	-	5	60	TTG	TAA	0	0
mORF_-_3185528	3185528	3185581	-	6	54	GTG	TAA	0	0
mORF_-_3185581	3185581	3185631	-	5	51	TTG	TAG	0	0
mORF_-_3185594	3185594	3185686	-	6	93	ATG	TAA	0	0
mORF_-_3185638	3185638	3185679	-	5	42	TTG	TAA	0	0
mORF_-_3185689	3185689	3185802	-	5	114	TTG	TAA	0	0
mORF_-_3185771	3185771	3185932	-	6	162	GTG	TAA	0	0
mORF_-_3185778	3185778	3185810	-	4	33	ATG	TAA	0	0
mORF_-_3185820	3185820	3185840	-	4	21	TTG	TGA	0	0
mORF_-_3185830	3185830	3185877	-	5	48	ATG	TAA	0	0
mORF_-_3185901	3185901	3185906	-	4	6	TTG	TAG	0	0
mORF_-_3185908	3185908	3185952	-	5	45	TTG	TAA	0	0
mORF_-_3185981	3185981	3186031	-	6	51	ATG	TAA	0	0
mORF_-_3186024	3186024	3186059	-	4	36	TTG	TGA	0	0
mORF_-_3186032	3186032	3186112	-	6	81	TTG	TAA	0	0
mORF_-_3186115	3186115	3186165	-	5	51	ATG	TAG	0	0
mORF_-_3186126	3186126	3186176	-	4	51	ATG	TGA	0	0
mORF_-_3186146	3186146	3186229	-	6	84	GTG	TAG	0	0
mORF_-_3186214	3186214	3186252	-	5	39	TTG	TAG	0	0
mORF_-_3186222	3186222	3186284	-	4	63	TTG	TAA	0	0
mORF_-_3186236	3186236	3186262	-	6	27	TTG	TGA	0	0
mORF_-_3186266	3186266	3186277	-	6	12	GTG	TGA	0	0
mORF_-_3186274	3186274	3186300	-	5	27	TTG	TGA	0	0
mORF_-_3186290	3186290	3186322	-	6	33	ATG	TAA	0	0
mORF_-_3186297	3186297	3186371	-	4	75	TTG	TGA	0	0
mORF_-_3186341	3186341	3186349	-	6	9	ATG	TGA	0	0
mORF_-_3186349	3186349	3186408	-	5	60	TTG	TAA	0	0
mORF_-_3186395	3186395	3186415	-	6	21	ATG	TAA	0	0
mORF_-_3186456	3186456	3186554	-	4	99	TTG	TAG	0	0
mORF_-_3186467	3186467	3186586	-	6	120	TTG	TAG	0	0
mORF_-_3186502	3186502	3186510	-	5	9	TTG	TAA	0	0
mORF_-_3186580	3186580	3186600	-	5	21	TTG	TAA	0	0
mORF_-_3186597	3186597	3186662	-	4	66	GTG	TGA	0	0
mORF_-_3186629	3186629	3186646	-	6	18	ATG	TAA	0	0
mORF_-_3186646	3186646	3186684	-	5	39	ATG	TAA	0	0
mORF_-_3186659	3186659	3186664	-	6	6	GTG	TGA	0	0
mORF_-_3186719	3186719	3186730	-	6	12	TTG	TAG	0	0
mORF_-_3186723	3186723	3186761	-	4	39	GTG	TAG	0	0
mORF_-_3186727	3186727	3186831	-	5	105	ATG	TGA	0	0
mORF_-_3186758	3186758	3186802	-	6	45	TTG	TGA	0	0
mORF_-_3186771	3186771	3186824	-	4	54	GTG	TAA	0	0
mORF_-_3186831	3186831	3186836	-	4	6	GTG	TAA	0	0
mORF_-_3186861	3186861	3186872	-	4	12	GTG	TAA	0	0
mORF_-_3186875	3186875	3186973	-	6	99	GTG	TAA	0	0

mORF_-_3186960	3186960	3187055	-	4	96	TTG	TAA	0	0
mORF_-_3186974	3186974	3187027	-	6	54	ATG	TAA	0	0
mORF_-_3187021	3187021	3187065	-	5	45	TTG	TAG	0	0
mORF_-_3187072	3187072	3187152	-	5	81	ATG	TAG	0	0
mORF_-_3187097	3187097	3187108	-	6	12	ATG	TAG	0	0
mORF_-_3187131	3187131	3187229	-	4	99	TTG	TGA	0	0
mORF_-_3187226	3187226	3187351	-	6	126	ATG	TGA	0	0
mORF_-_3187246	3187246	3187266	-	5	21	ATG	TAG	0	0
mORF_-_3187320	3187320	3187355	-	4	36	GTG	TAA	0	0
mORF_-_3187348	3187348	3187383	-	5	36	GTG	TGA	0	0
mORF_-_3187386	3187386	3187484	-	4	99	ATG	TAG	0	0
mORF_-_3187490	3187490	3187498	-	6	9	ATG	TAA	0	0
mORF_-_3187502	3187502	3187525	-	6	24	ATG	TGA	0	0
mORF_-_3187509	3187509	3187589	-	4	81	GTG	TAA	0	0
mORF_-_3187591	3187591	3187719	-	5	129	GTG	TAA	0	0
mORF_-_3187611	3187611	3187634	-	4	24	TTG	TAG	0	0
mORF_-_3187638	3187638	3187649	-	4	12	ATG	TAG	0	0
mORF_-_3187655	3187655	3187687	-	6	33	GTG	TAA	0	0
mORF_-_3187677	3187677	3187769	-	4	93	ATG	TGA	0	0
mORF_-_3187770	3187770	3187808	-	4	39	TTG	TGA	0	0
mORF_-_3187792	3187792	3187824	-	5	33	TTG	TAA	0	0
mORF_-_3187817	3187817	3187828	-	6	12	GTG	TAA	0	0
mORF_-_3187821	3187821	3187850	-	4	30	GTG	TGA	0	0
mORF_-_3187864	3187864	3187881	-	5	18	TTG	TAA	0	0
mORF_-_3187889	3187889	3187921	-	6	33	TTG	TGA	0	0
mORF_-_3187908	3187908	3188006	-	4	99	ATG	TAG	0	0
mORF_-_3188003	3188003	3188035	-	6	33	ATG	TGA	0	0
mORF_-_3188035	3188035	3188079	-	5	45	TTG	TAA	0	0
mORF_-_3188045	3188045	3188083	-	6	39	ATG	TAG	0	0
mORF_-_3188067	3188067	3188129	-	4	63	GTG	TAG	0	0
mORF_-_3188126	3188126	3188140	-	6	15	TTG	TGA	0	0
mORF_-_3188149	3188149	3188301	-	5	153	GTG	TAA	0	0
mORF_-_3188232	3188232	3188333	-	4	102	ATG	TAG	0	0
mORF_-_3188291	3188291	3188326	-	6	36	TTG	TAG	0	0
mORF_-_3188338	3188338	3188430	-	5	93	GTG	TAA	0	0
mORF_-_3188361	3188361	3188414	-	4	54	TTG	TAA	0	0
mORF_-_3188432	3188432	3188476	-	6	45	GTG	TAA	0	0
mORF_-_3188470	3188470	3188484	-	5	15	TTG	TAA	0	0
mORF_-_3188504	3188504	3188515	-	6	12	TTG	TAA	0	0
mORF_-_3188525	3188525	3188542	-	6	18	TTG	TAA	0	0
mORF_-_3188556	3188556	3188564	-	4	9	TTG	TAA	0	0
mORF_-_3188578	3188578	3188649	-	5	72	TTG	TAA	0	0
mORF_-_3188586	3188586	3188639	-	4	54	TTG	TAA	0	0
mORF_-_3188694	3188694	3188717	-	4	24	TTG	TAA	0	0
mORF_-_3188702	3188702	3188821	-	6	120	TTG	TAA	0	0
mORF_-_3188725	3188725	3188760	-	5	36	ATG	TAG	0	0
mORF_-_3188757	3188757	3188774	-	4	18	TTG	TGA	0	0
mORF_-_3188835	3188835	3188927	-	4	93	ATG	TAA	0	0
mORF_-_3188927	3188927	3188950	-	6	24	TTG	TGA	0	0
mORF_-_3188997	3188997	3189008	-	4	12	GTG	TAG	0	0
mORF_-_3189008	3189008	3189109	-	6	102	TTG	TAG	0	0
mORF_-_3189012	3189012	3189023	-	4	12	GTG	TAG	0	0
mORF_-_3189067	3189067	3189294	-	5	228	ATG	TAG	0	0
mORF_-_3189156	3189156	3189212	-	4	57	GTG	TAG	0	0
mORF_-_3189284	3189284	3189298	-	6	15	ATG	TAA	0	0
mORF_-_3189295	3189295	3189477	-	5	183	GTG	TGA	0	0
mORF_-_3189315	3189315	3189377	-	4	63	TTG	TAA	0	0
mORF_-_3189461	3189461	3189505	-	6	45	ATG	TAA	0	0
mORF_-_3189477	3189477	3189560	-	4	84	TTG	TAG	0	0
mORF_-_3189527	3189527	3189544	-	6	18	ATG	TAG	0	0
mORF_-_3189541	3189541	3189708	-	5	168	GTG	TGA	0	0
mORF_-_3189567	3189567	3189599	-	4	33	ATG	TAA	0	0
mORF_-_3189578	3189578	3189583	-	6	6	TTG	TGA	0	0

mORF_-_3189618	3189618	3189629	-	4	12	ATG	TGA	0	0	
mORF_-_3189705	3189705	3189734	-	4	30	GTG	TGA	0	0	
mORF_-_3189715	3189715	3189747	-	5	33	ATG	TAG	0	0	
mORF_-_3189722	3189722	3189730	-	6	9	TTG	TAG	0	0	
mORF_-_3189756	3189756	3189827	-	4	72	TTG	TAA	0	0	
mORF_-_3189761	3189761	3189967	-	6	207	GTG	TGA	2	10	pORF_-_3189761
mORF_-_3189793	3189793	3189909	-	5	117	TTG	TGA	0	0	
mORF_-_3189937	3189937	3189969	-	5	33	ATG	TAA	0	0	
mORF_-_3189977	3189977	3190000	-	6	24	ATG	TAA	0	0	
mORF_-_3189991	3189991	3190029	-	5	39	TTG	TAA	0	0	
mORF_-_3190016	3190016	3190108	-	6	93	ATG	TGA	0	0	
mORF_-_3190078	3190078	3190083	-	5	6	GTG	TGA	0	0	
mORF_-_3190110	3190110	3190160	-	4	51	GTG	TAA	0	0	
mORF_-_3190138	3190138	3190176	-	5	39	TTG	TAG	0	0	
mORF_-_3190154	3190154	3190207	-	6	54	GTG	TAA	0	0	
mORF_-_3190185	3190185	3190190	-	4	6	TTG	TAA	0	0	
mORF_-_3190207	3190207	3190218	-	5	12	ATG	TAG	0	0	
mORF_-_3190247	3190247	3190255	-	6	9	GTG	TAG	0	0	
mORF_-_3190299	3190299	3190406	-	4	108	ATG	TAA	0	0	
mORF_-_3190315	3190315	3190353	-	5	39	GTG	TAA	0	0	
mORF_-_3190325	3190325	3190330	-	6	6	ATG	TGA	0	0	
mORF_-_3190364	3190364	3190381	-	6	18	GTG	TAA	0	0	
mORF_-_3190390	3190390	3190401	-	5	12	GTG	TAA	0	0	
mORF_-_3190406	3190406	3190504	-	6	99	ATG	TAA	0	0	
mORF_-_3190449	3190449	3190514	-	4	66	TTG	TAA	0	0	
mORF_-_3190501	3190501	3190521	-	5	21	GTG	TGA	0	0	
mORF_-_3190551	3190551	3190619	-	4	69	ATG	TAA	0	0	
mORF_-_3190564	3190564	3190611	-	5	48	GTG	TAA	0	0	
mORF_-_3190577	3190577	3190657	-	6	81	ATG	TAA	0	0	
mORF_-_3190662	3190662	3190679	-	4	18	TTG	TAA	0	0	
mORF_-_3190676	3190676	3190714	-	6	39	GTG	TGA	0	0	
mORF_-_3190686	3190686	3190736	-	4	51	ATG	TGA	0	0	
mORF_-_3190736	3190736	3190786	-	6	51	TTG	TAA	0	0	
mORF_-_3190791	3190791	3190871	-	4	81	TTG	TAA	0	0	
mORF_-_3190795	3190795	3190815	-	5	21	TTG	TAA	0	0	
mORF_-_3190864	3190864	3190947	-	5	84	ATG	TAA	0	0	
mORF_-_3190880	3190880	3191005	-	6	126	TTG	TAA	0	0	
mORF_-_3190923	3190923	3190931	-	4	9	TTG	TAA	0	0	
mORF_-_3190965	3190965	3191060	-	4	96	TTG	TAA	0	0	
mORF_-_3191024	3191024	3191080	-	6	57	ATG	TAA	0	0	
mORF_-_3191077	3191077	3191508	-	5	432	TTG	TGA	0	0	
mORF_-_3191121	3191121	3191132	-	4	12	TTG	TGA	0	0	
mORF_-_3191148	3191148	3191435	-	4	288	GTG	TAA	0	0	
mORF_-_3191207	3191207	3191248	-	6	42	TTG	TGA	0	0	
mORF_-_3191270	3191270	3191338	-	6	69	ATG	TAA	0	0	
mORF_-_3191342	3191342	3191380	-	6	39	TTG	TAA	0	0	
mORF_-_3191432	3191432	3191467	-	6	36	ATG	TGA	0	0	
mORF_-_3191515	3191515	3191610	-	5	96	TTG	TGA	0	0	
mORF_-_3191600	3191600	3191629	-	6	30	TTG	TAG	0	0	
mORF_-_3191664	3191664	3191804	-	4	141	TTG	TAA	0	0	
mORF_-_3191764	3191764	3192315	-	5	552	TTG	TGA	0	0	
mORF_-_3191801	3191801	3192022	-	6	222	TTG	TGA	0	0	
mORF_-_3191937	3191937	3191948	-	4	12	GTG	TAG	0	0	
mORF_-_3192134	3192134	3192223	-	6	90	TTG	TAA	0	0	
mORF_-_3192144	3192144	3192179	-	4	36	GTG	TAG	0	0	
mORF_-_3192237	3192237	3192302	-	4	66	TTG	TGA	0	0	
mORF_-_3192299	3192299	3192403	-	6	105	TTG	TGA	0	0	
mORF_-_3192318	3192318	3192440	-	4	123	GTG	TAA	0	0	
mORF_-_3192322	3192322	3192369	-	5	48	GTG	TGA	0	0	
mORF_-_3192424	3192424	3192642	-	5	219	ATG	TAA	0	0	
mORF_-_3192459	3192459	3192521	-	4	63	TTG	TGA	0	0	
mORF_-_3192515	3192515	3192577	-	6	63	TTG	TGA	0	0	
mORF_-_3192609	3192609	3192668	-	4	60	TTG	TAG	0	0	

mORF_-_3192626	3192626	3192715	-	6	90	TTG	TGA	0	0	
mORF_-_3192724	3192724	3192807	-	5	84	ATG	TGA	0	0	
mORF_-_3192804	3192804	3192854	-	4	51	TTG	TGA	0	0	
mORF_-_3192855	3192855	3192881	-	4	27	GTG	TGA	0	0	
mORF_-_3192878	3192878	3192922	-	6	45	TTG	TGA	0	0	
mORF_-_3192919	3192919	3192954	-	5	36	TTG	TGA	0	0	
mORF_-_3192933	3192933	3192998	-	4	66	TTG	TAA	0	0	
mORF_-_3192986	3192986	3193045	-	6	60	TTG	TAG	0	0	
mORF_-_3193003	3193003	3193182	-	5	180	ATG	TGA	0	0	
mORF_-_3193086	3193086	3193106	-	4	21	TTG	TGA	0	0	
mORF_-_3193202	3193202	3193225	-	6	24	TTG	TAA	0	0	
mORF_-_3193219	3193219	3193230	-	5	12	ATG	TAG	0	0	
mORF_-_3193253	3193253	3193309	-	6	57	ATG	TAA	0	0	
mORF_-_3193272	3193272	3193457	-	4	186	TTG	TAG	0	0	
mORF_-_3193342	3193342	3194775	-	5	1434	ATG	TAA	52	392	pORF_-_3193342
mORF_-_3193352	3193352	3193393	-	6	42	TTG	TAA	0	0	
mORF_-_3193515	3193515	3193541	-	4	27	TTG	TGA	0	0	
mORF_-_3193548	3193548	3193583	-	4	36	TTG	TAG	0	0	
mORF_-_3193626	3193626	3193664	-	4	39	TTG	TGA	0	0	
mORF_-_3193665	3193665	3193736	-	4	72	GTG	TGA	0	0	
mORF_-_3193746	3193746	3193763	-	4	18	GTG	TGA	0	0	
mORF_-_3193809	3193809	3193976	-	4	168	TTG	TGA	0	0	
mORF_-_3193977	3193977	3194006	-	4	30	ATG	TGA	0	0	
mORF_-_3194088	3194088	3194117	-	4	30	TTG	TAG	0	0	
mORF_-_3194124	3194124	3194180	-	4	57	TTG	TGA	0	0	
mORF_-_3194156	3194156	3194161	-	6	6	ATG	TAA	0	0	
mORF_-_3194199	3194199	3194249	-	4	51	TTG	TAA	0	0	
mORF_-_3194250	3194250	3194264	-	4	15	GTG	TGA	0	0	
mORF_-_3194286	3194286	3194345	-	4	60	TTG	TGA	0	0	
mORF_-_3194352	3194352	3194414	-	4	63	TTG	TGA	0	0	
mORF_-_3194411	3194411	3194500	-	6	90	ATG	TGA	0	0	
mORF_-_3194529	3194529	3194552	-	4	24	TTG	TGA	0	0	
mORF_-_3194559	3194559	3194585	-	4	27	GTG	TGA	0	0	
mORF_-_3194718	3194718	3194729	-	4	12	TTG	TGA	0	0	
mORF_-_3194736	3194736	3194753	-	4	18	TTG	TGA	0	0	
mORF_-_3194750	3194750	3194959	-	6	210	GTG	TGA	0	0	
mORF_-_3194772	3194772	3194819	-	4	48	ATG	TGA	0	0	
mORF_-_3194794	3194794	3194841	-	5	48	GTG	TGA	0	0	
mORF_-_3194823	3194823	3197867	-	4	3045	GTG	TGA	12	41	pORF_-_3194823
mORF_-_3194866	3194866	3194886	-	5	21	TTG	TGA	0	0	
mORF_-_3195044	3195044	3195220	-	6	177	GTG	TAA	0	0	
mORF_-_3195230	3195230	3195256	-	6	27	TTG	TGA	0	0	
mORF_-_3195253	3195253	3195321	-	5	69	GTG	TGA	0	0	
mORF_-_3195287	3195287	3195352	-	6	66	TTG	TAG	0	0	
mORF_-_3195368	3195368	3195511	-	6	144	GTG	TGA	0	0	
mORF_-_3195514	3195514	3195537	-	5	24	TTG	TGA	0	0	
mORF_-_3195518	3195518	3195559	-	6	42	TTG	TGA	0	0	
mORF_-_3195575	3195575	3195622	-	6	48	GTG	TAG	0	0	
mORF_-_3195638	3195638	3195700	-	6	63	ATG	TGA	0	0	
mORF_-_3195652	3195652	3195681	-	5	30	GTG	TAA	0	0	
mORF_-_3195746	3195746	3195970	-	6	225	TTG	TGA	0	0	
mORF_-_3195931	3195931	3195990	-	5	60	GTG	TGA	0	0	
mORF_-_3195971	3195971	3195988	-	6	18	GTG	TGA	0	0	
mORF_-_3195998	3195998	3196027	-	6	30	GTG	TGA	0	0	
mORF_-_3196037	3196037	3196126	-	6	90	GTG	TAG	0	0	
mORF_-_3196142	3196142	3196213	-	6	72	TTG	TGA	0	0	
mORF_-_3196220	3196220	3196357	-	6	138	TTG	TAA	0	0	
mORF_-_3196273	3196273	3196299	-	5	27	GTG	TGA	0	0	
mORF_-_3196303	3196303	3196311	-	5	9	GTG	TGA	0	0	
mORF_-_3196358	3196358	3196384	-	6	27	ATG	TGA	0	0	
mORF_-_3196412	3196412	3196687	-	6	276	TTG	TGA	0	0	
mORF_-_3196426	3196426	3196446	-	5	21	GTG	TGA	0	0	
mORF_-_3196727	3196727	3196756	-	6	30	TTG	TGA	0	0	

mORF_-_3196787	3196787	3196948	-	6	162	TTG	TGA	0	0	
mORF_-_3196952	3196952	3197017	-	6	66	ATG	TGA	0	0	
mORF_-_3197045	3197045	3197131	-	6	87	TTG	TGA	0	0	
mORF_-_3197080	3197080	3197112	-	5	33	TTG	TAA	0	0	
mORF_-_3197159	3197159	3197170	-	6	12	GTG	TGA	0	0	
mORF_-_3197179	3197179	3197241	-	5	63	GTG	TAA	0	0	
mORF_-_3197195	3197195	3197284	-	6	90	TTG	TGA	0	0	
mORF_-_3197405	3197405	3197422	-	6	18	GTG	TAA	0	0	
mORF_-_3197423	3197423	3197428	-	6	6	ATG	TGA	0	0	
mORF_-_3197428	3197428	3197511	-	5	84	GTG	TAA	0	0	
mORF_-_3197504	3197504	3197524	-	6	21	TTG	TGA	0	0	
mORF_-_3197525	3197525	3197548	-	6	24	GTG	TGA	0	0	
mORF_-_3197594	3197594	3197620	-	6	27	TTG	TAG	0	0	
mORF_-_3197686	3197686	3198987	-	5	1302	ATG	TAA	21	83	pORF_-_3197686
mORF_-_3197871	3197871	3197891	-	4	21	GTG	TGA	0	0	
mORF_-_3197928	3197928	3198008	-	4	81	ATG	TGA	0	0	
mORF_-_3197933	3197933	3198130	-	6	198	ATG	TGA	0	0	
mORF_-_3198093	3198093	3198116	-	4	24	TTG	TGA	0	0	
mORF_-_3198135	3198135	3198182	-	4	48	GTG	TGA	0	0	
mORF_-_3198192	3198192	3198272	-	4	81	ATG	TGA	0	0	
mORF_-_3198212	3198212	3198262	-	6	51	GTG	TAG	0	0	
mORF_-_3198269	3198269	3198283	-	6	15	ATG	TGA	0	0	
mORF_-_3198288	3198288	3198407	-	4	120	GTG	TAG	0	0	
mORF_-_3198471	3198471	3198539	-	4	69	GTG	TGA	0	0	
mORF_-_3198546	3198546	3198587	-	4	42	ATG	TGA	0	0	
mORF_-_3198581	3198581	3198604	-	6	24	ATG	TAG	0	0	
mORF_-_3198765	3198765	3198779	-	4	15	TTG	TGA	0	0	
mORF_-_3198789	3198789	3198842	-	4	54	GTG	TGA	0	0	
mORF_-_3198876	3198876	3198959	-	4	84	TTG	TGA	0	0	
mORF_-_3198993	3198993	3199268	-	4	276	GTG	TAA	0	0	
mORF_-_3199004	3199004	3199210	-	6	207	ATG	TAA	0	0	
mORF_-_3199009	3199009	3199014	-	5	6	ATG	TGA	0	0	
mORF_-_3199054	3199054	3199089	-	5	36	TTG	TGA	0	0	
mORF_-_3199192	3199192	3199215	-	5	24	TTG	TAG	0	0	
mORF_-_3199269	3199269	3199289	-	4	21	GTG	TAA	0	0	
mORF_-_3199286	3199286	3199357	-	6	72	ATG	TGA	0	0	
mORF_-_3199357	3199357	3199425	-	5	69	TTG	TAA	0	0	
mORF_-_3199403	3199403	3199603	-	6	201	TTG	TAA	0	0	
mORF_-_3199426	3199426	3199488	-	5	63	GTG	TAA	0	0	
mORF_-_3199482	3199482	3199496	-	4	15	TTG	TAA	0	0	
mORF_-_3199528	3199528	3199572	-	5	45	GTG	TGA	0	0	
mORF_-_3199579	3199579	3199632	-	5	54	TTG	TGA	0	0	
mORF_-_3199637	3199637	3199807	-	6	171	GTG	TAA	0	0	
mORF_-_3199651	3199651	3199830	-	5	180	TTG	TGA	0	0	
mORF_-_3199749	3199749	3199952	-	4	204	ATG	TAA	0	0	
mORF_-_3199921	3199921	3199971	-	5	51	TTG	TAA	0	0	
mORF_-_3199961	3199961	3200281	-	6	321	ATG	TAG	0	0	
mORF_-_3199968	3199968	3200096	-	4	129	GTG	TGA	0	0	
mORF_-_3200122	3200122	3200127	-	5	6	GTG	TAA	0	0	
mORF_-_3200133	3200133	3200150	-	4	18	GTG	TAA	0	0	
mORF_-_3200140	3200140	3200244	-	5	105	TTG	TAG	0	0	
mORF_-_3200309	3200309	3200425	-	6	117	GTG	TAA	0	0	
mORF_-_3200344	3200344	3200574	-	5	231	TTG	TAA	0	0	
mORF_-_3200466	3200466	3200666	-	4	201	TTG	TGA	0	0	
mORF_-_3200528	3200528	3200605	-	6	78	ATG	TAA	0	0	
mORF_-_3200669	3200669	3200731	-	6	63	ATG	TAA	0	0	
mORF_-_3200745	3200745	3200786	-	4	42	TTG	TAA	0	0	
mORF_-_3200750	3200750	3200761	-	6	12	TTG	TAA	0	0	
mORF_-_3200801	3200801	3200839	-	6	39	GTG	TAA	0	0	
mORF_-_3200824	3200824	3200889	-	5	66	ATG	TGA	0	0	
mORF_-_3200832	3200832	3200861	-	4	30	TTG	TGA	0	0	
mORF_-_3200871	3200871	3201038	-	4	168	TTG	TGA	0	0	
mORF_-_3200876	3200876	3200923	-	6	48	TTG	TAA	0	0	

mORF_-_3200972	3200972	3200989	-	6	18	TTG	TGA	0	0
mORF_-_3200980	3200980	3201162	-	5	183	ATG	TAG	0	0
mORF_-_3201026	3201026	3201244	-	6	219	ATG	TGA	0	0
mORF_-_3201060	3201060	3201140	-	4	81	TTG	TAA	0	0
mORF_-_3201195	3201195	3201314	-	4	120	ATG	TAG	0	0
mORF_-_3201244	3201244	3201321	-	5	78	GTG	TGA	0	0
mORF_-_3201287	3201287	3201331	-	6	45	TTG	TAG	0	0
mORF_-_3201328	3201328	3201366	-	5	39	TTG	TGA	0	0
mORF_-_3201332	3201332	3202156	-	6	825	TTG	TAA	0	0
mORF_-_3201426	3201426	3201662	-	4	237	GTG	TAA	0	0
mORF_-_3201436	3201436	3201474	-	5	39	TTG	TGA	0	0
mORF_-_3201601	3201601	3201675	-	5	75	TTG	TGA	0	0
mORF_-_3201697	3201697	3201720	-	5	24	GTG	TGA	0	0
mORF_-_3201705	3201705	3201743	-	4	39	ATG	TGA	0	0
mORF_-_3201736	3201736	3201753	-	5	18	TTG	TGA	0	0
mORF_-_3201754	3201754	3201783	-	5	30	ATG	TGA	0	0
mORF_-_3201787	3201787	3201792	-	5	6	ATG	TGA	0	0
mORF_-_3201883	3201883	3201939	-	5	57	TTG	TAA	0	0
mORF_-_3201940	3201940	3201948	-	5	9	TTG	TGA	0	0
mORF_-_3202000	3202000	3202056	-	5	57	TTG	TGA	0	0
mORF_-_3202096	3202096	3202113	-	5	18	GTG	TGA	0	0
mORF_-_3202243	3202243	3202614	-	5	372	GTG	TAA	0	0
mORF_-_3202257	3202257	3202277	-	4	21	TTG	TGA	0	0
mORF_-_3202274	3202274	3202342	-	6	69	GTG	TGA	0	0
mORF_-_3202281	3202281	3202292	-	4	12	ATG	TAA	0	0
mORF_-_3202359	3202359	3202481	-	4	123	GTG	TAG	0	0
mORF_-_3202448	3202448	3202465	-	6	18	TTG	TGA	0	0
mORF_-_3202499	3202499	3202507	-	6	9	GTG	TAA	0	0
mORF_-_3202527	3202527	3202568	-	4	42	TTG	TAG	0	0
mORF_-_3202593	3202593	3202604	-	4	12	TTG	TAG	0	0
mORF_-_3202611	3202611	3202682	-	4	72	ATG	TGA	0	0
mORF_-_3202633	3202633	3202692	-	5	60	GTG	TAG	0	0
mORF_-_3202679	3202679	3203083	-	6	405	GTG	TGA	0	0
mORF_-_3202714	3202714	3202725	-	5	12	TTG	TAA	0	0
mORF_-_3202744	3202744	3202845	-	5	102	TTG	TGA	0	0
mORF_-_3202968	3202968	3202997	-	4	30	GTG	TAA	0	0
mORF_-_3203041	3203041	3203064	-	5	24	GTG	TAG	0	0
mORF_-_3203118	3203118	3203261	-	4	144	TTG	TAG	0	0
mORF_-_3203152	3203152	3203160	-	5	9	GTG	TGA	0	0
mORF_-_3203174	3203174	3203203	-	6	30	GTG	TAA	0	0
mORF_-_3203188	3203188	3203196	-	5	9	GTG	TAA	0	0
mORF_-_3203200	3203200	3203286	-	5	87	TTG	TGA	0	0
mORF_-_3203246	3203246	3203257	-	6	12	ATG	TGA	0	0
mORF_-_3203276	3203276	3203422	-	6	147	GTG	TGA	0	0
mORF_-_3203346	3203346	3204278	-	4	933	ATG	TAG	0	0
mORF_-_3203365	3203365	3203580	-	5	216	ATG	TGA	0	0
mORF_-_3203429	3203429	3203590	-	6	162	TTG	TGA	0	0
mORF_-_3203599	3203599	3203664	-	5	66	ATG	TAG	0	0
mORF_-_3203627	3203627	3203671	-	6	45	ATG	TGA	0	0
mORF_-_3203693	3203693	3203707	-	6	15	ATG	TGA	0	0
mORF_-_3203758	3203758	3203772	-	5	15	ATG	TGA	0	0
mORF_-_3203792	3203792	3203851	-	6	60	TTG	TGA	0	0
mORF_-_3203864	3203864	3203893	-	6	30	TTG	TAG	0	0
mORF_-_3203908	3203908	3203976	-	5	69	TTG	TGA	0	0
mORF_-_3203924	3203924	3203980	-	6	57	TTG	TGA	0	0
mORF_-_3203987	3203987	3204085	-	6	99	GTG	TGA	0	0
mORF_-_3204022	3204022	3204075	-	5	54	TTG	TGA	0	0
mORF_-_3204119	3204119	3204190	-	6	72	TTG	TGA	0	0
mORF_-_3204268	3204268	3204378	-	5	111	GTG	TAG	0	0
mORF_-_3204281	3204281	3204349	-	6	69	TTG	TAA	0	0
mORF_-_3204285	3204285	3204356	-	4	72	ATG	TAA	0	0
mORF_-_3204375	3204375	3204470	-	4	96	TTG	TGA	0	0
mORF_-_3204389	3204389	3204400	-	6	12	GTG	TAA	0	0

mORF_-_3204397	3204397	3204555	-	5	159	ATG	TGA	0	0	
mORF_-_3204428	3204428	3204508	-	6	81	TTG	TAA	0	0	
mORF_-_3204602	3204602	3204781	-	6	180	TTG	TAG	0	0	
mORF_-_3204640	3204640	3204663	-	5	24	ATG	TAG	0	0	
mORF_-_3204697	3204697	3204804	-	5	108	TTG	TGA	0	0	
mORF_-_3204726	3204726	3204749	-	4	24	GTG	TAA	0	0	
mORF_-_3204774	3204774	3204797	-	4	24	TTG	TGA	0	0	
mORF_-_3204801	3204801	3204812	-	4	12	GTG	TGA	0	0	
mORF_-_3204812	3204812	3204820	-	6	9	GTG	TAG	0	0	
mORF_-_3204817	3204817	3204909	-	5	93	TTG	TGA	0	0	
mORF_-_3204897	3204897	3205160	-	4	264	TTG	TGA	0	0	
mORF_-_3204931	3204931	3204954	-	5	24	GTG	TAA	0	0	
mORF_-_3204986	3204986	3205150	-	6	165	ATG	TGA	0	0	
mORF_-_3204994	3204994	3205335	-	5	342	GTG	TAG	0	0	
mORF_-_3205178	3205178	3205222	-	6	45	TTG	TAG	0	0	
mORF_-_3205197	3205197	3205286	-	4	90	TTG	TGA	0	0	
mORF_-_3205241	3205241	3205279	-	6	39	ATG	TGA	0	0	
mORF_-_3205283	3205283	3205378	-	6	96	GTG	TGA	0	0	
mORF_-_3205345	3205345	3205359	-	5	15	GTG	TGA	0	0	
mORF_-_3205356	3205356	3205421	-	4	66	TTG	TGA	0	0	
mORF_-_3205375	3205375	3205566	-	5	192	GTG	TGA	0	0	
mORF_-_3205391	3205391	3205411	-	6	21	TTG	TAA	0	0	
mORF_-_3205536	3205536	3205958	-	4	423	ATG	TAA	0	0	
mORF_-_3205544	3205544	3205627	-	6	84	TTG	TGA	0	0	
mORF_-_3205739	3205739	3205846	-	6	108	GTG	TGA	0	0	
mORF_-_3205747	3205747	3205818	-	5	72	GTG	TAG	0	0	
mORF_-_3205843	3205843	3205986	-	5	144	ATG	TGA	0	0	
mORF_-_3205986	3205986	3206039	-	4	54	ATG	TAA	0	0	
mORF_-_3205991	3205991	3206101	-	6	111	ATG	TGA	1	4	pORF_-_3205991
mORF_-_3206109	3206109	3206579	-	4	471	TTG	TAG	0	0	
mORF_-_3206150	3206150	3206245	-	6	96	ATG	TAG	0	0	
mORF_-_3206285	3206285	3206386	-	6	102	GTG	TGA	0	0	
mORF_-_3206302	3206302	3206310	-	5	9	TTG	TGA	0	0	
mORF_-_3206374	3206374	3206511	-	5	138	GTG	TAA	0	0	
mORF_-_3206390	3206390	3206455	-	6	66	GTG	TAG	0	0	
mORF_-_3206468	3206468	3206518	-	6	51	TTG	TAG	0	0	
mORF_-_3206543	3206543	3206554	-	6	12	ATG	TAG	0	0	
mORF_-_3206551	3206551	3206589	-	5	39	TTG	TGA	0	0	
mORF_-_3206576	3206576	3206665	-	6	90	ATG	TGA	0	0	
mORF_-_3206580	3206580	3206585	-	4	6	TTG	TGA	0	0	
mORF_-_3206623	3206623	3206721	-	5	99	ATG	TGA	0	0	
mORF_-_3206697	3206697	3206726	-	4	30	GTG	TAA	0	0	
mORF_-_3206723	3206723	3206776	-	6	54	ATG	TGA	0	0	
mORF_-_3206770	3206770	3207000	-	5	231	GTG	TGA	0	0	
mORF_-_3206984	3206984	3207139	-	6	156	TTG	TAA	0	0	
mORF_-_3207124	3207124	3207336	-	5	213	TTG	TAA	0	0	
mORF_-_3207218	3207218	3207370	-	6	153	GTG	TAG	0	0	
mORF_-_3207355	3207355	3207411	-	5	57	TTG	TAA	0	0	
mORF_-_3207472	3207472	3207546	-	5	75	TTG	TAA	0	0	
mORF_-_3207480	3207480	3207542	-	4	63	GTG	TAA	0	0	
mORF_-_3207506	3207506	3207646	-	6	141	ATG	TAA	0	0	
mORF_-_3207552	3207552	3208565	-	4	1014	ATG	TAA	6	21	pORF_-_3207552
mORF_-_3207667	3207667	3207675	-	5	9	TTG	TGA	0	0	
mORF_-_3207719	3207719	3207757	-	6	39	GTG	TGA	0	0	
mORF_-_3207784	3207784	3207816	-	5	33	GTG	TAA	0	0	
mORF_-_3207824	3207824	3207898	-	6	75	GTG	TGA	0	0	
mORF_-_3207962	3207962	3208123	-	6	162	TTG	TGA	0	0	
mORF_-_3208139	3208139	3208177	-	6	39	TTG	TAA	0	0	
mORF_-_3208214	3208214	3208297	-	6	84	TTG	TAG	0	0	
mORF_-_3208313	3208313	3208348	-	6	36	TTG	TAG	0	0	
mORF_-_3208391	3208391	3208414	-	6	24	ATG	TGA	0	0	
mORF_-_3208490	3208490	3208561	-	6	72	GTG	TAG	0	0	
mORF_-_3208546	3208546	3208608	-	5	63	TTG	TGA	0	0	

mORF_-_3208574	3208574	3208861	-	6	288	TTG	TAA	0	0
mORF_-_3208704	3208704	3208775	-	4	72	TTG	TAA	0	0
mORF_-_3208782	3208782	3208970	-	4	189	GTG	TAA	0	0
mORF_-_3208945	3208945	3208998	-	5	54	GTG	TAG	0	0
mORF_-_3208967	3208967	3209005	-	6	39	GTG	TGA	0	0
mORF_-_3209093	3209093	3209515	-	6	423	TTG	TAA	0	0
mORF_-_3209113	3209113	3209280	-	5	168	GTG	TAG	0	0
mORF_-_3209127	3209127	3209147	-	4	21	GTG	TAG	0	0
mORF_-_3209157	3209157	3209252	-	4	96	ATG	TAA	0	0
mORF_-_3209283	3209283	3209423	-	4	141	ATG	TAA	0	0
mORF_-_3209302	3209302	3209334	-	5	33	TTG	TAA	0	0
mORF_-_3209356	3209356	3209409	-	5	54	TTG	TAG	0	0
mORF_-_3209506	3209506	3209697	-	5	192	GTG	TAA	0	0
mORF_-_3209519	3209519	3209527	-	6	9	TTG	TAA	0	0
mORF_-_3209570	3209570	3209578	-	6	9	GTG	TAA	0	0
mORF_-_3209583	3209583	3209672	-	4	90	ATG	TAA	0	0
mORF_-_3209669	3209669	3209953	-	6	285	TTG	TGA	0	0
mORF_-_3209716	3209716	3209841	-	5	126	ATG	TAA	0	0
mORF_-_3209872	3209872	3209904	-	5	33	TTG	TAA	0	0
mORF_-_3209926	3209926	3209961	-	5	36	ATG	TAG	0	0
mORF_-_3209961	3209961	3209993	-	4	33	TTG	TAA	0	0
mORF_-_3209965	3209965	3209997	-	5	33	GTG	TAA	0	0
mORF_-_3209990	3209990	3210013	-	6	24	TTG	TGA	0	0
mORF_-_3210004	3210004	3210042	-	5	39	ATG	TGA	0	0
mORF_-_3210109	3210109	3210114	-	5	6	ATG	TAA	0	0
mORF_-_3210127	3210127	3210171	-	5	45	GTG	TGA	0	0
mORF_-_3210138	3210138	3210239	-	4	102	ATG	TAA	0	0
mORF_-_3210173	3210173	3210265	-	6	93	TTG	TAG	0	0
mORF_-_3210246	3210246	3210425	-	4	180	TTG	TAA	0	0
mORF_-_3210314	3210314	3210331	-	6	18	TTG	TAG	0	0
mORF_-_3210364	3210364	3210627	-	5	264	GTG	TGA	0	0
mORF_-_3210464	3210464	3210508	-	6	45	TTG	TAG	0	0
mORF_-_3210578	3210578	3210634	-	6	57	TTG	TAA	0	0
mORF_-_3210594	3210594	3210659	-	4	66	TTG	TGA	0	0
mORF_-_3210638	3210638	3210727	-	6	90	TTG	TAA	0	0
mORF_-_3210646	3210646	3210822	-	5	177	TTG	TAG	0	0
mORF_-_3210732	3210732	3210743	-	4	12	GTG	TGA	0	0
mORF_-_3210740	3210740	3210751	-	6	12	ATG	TGA	0	0
mORF_-_3210744	3210744	3210848	-	4	105	ATG	TGA	0	0
mORF_-_3210788	3210788	3210811	-	6	24	ATG	TAA	0	0
mORF_-_3210876	3210876	3211109	-	4	234	GTG	TAA	0	0
mORF_-_3210884	3210884	3210925	-	6	42	GTG	TAA	0	0
mORF_-_3211000	3211000	3211017	-	5	18	ATG	TAA	0	0
mORF_-_3211022	3211022	3211045	-	6	24	ATG	TGA	0	0
mORF_-_3211042	3211042	3211077	-	5	36	TTG	TGA	0	0
mORF_-_3211067	3211067	3211090	-	6	24	GTG	TAA	0	0
mORF_-_3211087	3211087	3211158	-	5	72	ATG	TGA	0	0
mORF_-_3211137	3211137	3211151	-	4	15	TTG	TAG	0	0
mORF_-_3211180	3211180	3211608	-	5	429	GTG	TGA	0	0
mORF_-_3211185	3211185	3211226	-	4	42	ATG	TGA	0	0
mORF_-_3211211	3211211	3211246	-	6	36	GTG	TGA	0	0
mORF_-_3211227	3211227	3211451	-	4	225	TTG	TGA	0	0
mORF_-_3211458	3211458	3211493	-	4	36	GTG	TGA	0	0
mORF_-_3211494	3211494	3211604	-	4	111	GTG	TAG	0	0
mORF_-_3211553	3211553	3211594	-	6	42	GTG	TGA	0	0
mORF_-_3211605	3211605	3211703	-	4	99	ATG	TGA	0	0
mORF_-_3211738	3211738	3212094	-	5	357	TTG	TAG	0	0
mORF_-_3211746	3211746	3211775	-	4	30	TTG	TGA	0	0
mORF_-_3211803	3211803	3211838	-	4	36	TTG	TGA	0	0
mORF_-_3211869	3211869	3212255	-	4	387	TTG	TAG	0	0
mORF_-_3212015	3212015	3212026	-	6	12	TTG	TGA	0	0
mORF_-_3212218	3212218	3212964	-	5	747	TTG	TAA	0	0
mORF_-_3212240	3212240	3212362	-	6	123	TTG	TAG	0	0

mORF_-_3212283	3212283	3212297	-	4	15	ATG	TGA	0	0	
mORF_-_3212340	3212340	3212354	-	4	15	GTG	TAA	0	0	
mORF_-_3212376	3212376	3212387	-	4	12	GTG	TGA	0	0	
mORF_-_3212403	3212403	3212774	-	4	372	GTG	TGA	0	0	
mORF_-_3212456	3212456	3212581	-	6	126	TTG	TGA	0	0	
mORF_-_3212633	3212633	3212737	-	6	105	TTG	TGA	0	0	
mORF_-_3212778	3212778	3212783	-	4	6	GTG	TAG	0	0	
mORF_-_3212832	3212832	3212858	-	4	27	TTG	TGA	0	0	
mORF_-_3212924	3212924	3212941	-	6	18	GTG	TGA	0	0	
mORF_-_3212931	3212931	3212999	-	4	69	GTG	TAA	0	0	
mORF_-_3212948	3212948	3212971	-	6	24	GTG	TAG	0	0	
mORF_-_3212989	3212989	3213495	-	5	507	ATG	TAA	4	22	pORF_-_3212989
mORF_-_3213003	3213003	3213038	-	4	36	TTG	TAG	0	0	
mORF_-_3213035	3213035	3213130	-	6	96	GTG	TGA	0	0	
mORF_-_3213063	3213063	3213218	-	4	156	TTG	TAA	0	0	
mORF_-_3213219	3213219	3213263	-	4	45	ATG	TGA	0	0	
mORF_-_3213260	3213260	3213454	-	6	195	TTG	TGA	0	0	
mORF_-_3213285	3213285	3213305	-	4	21	GTG	TAG	0	0	
mORF_-_3213375	3213375	3213491	-	4	117	TTG	TGA	0	0	
mORF_-_3213488	3213488	3213547	-	6	60	ATG	TGA	0	0	
mORF_-_3213498	3213498	3213593	-	4	96	GTG	TAA	0	0	
mORF_-_3213551	3213551	3213619	-	6	69	ATG	TAA	0	0	
mORF_-_3213603	3213603	3213677	-	4	75	TTG	TAA	0	0	
mORF_-_3213638	3213638	3213655	-	6	18	ATG	TAA	0	0	
mORF_-_3213652	3213652	3213705	-	5	54	TTG	TGA	0	0	
mORF_-_3213745	3213745	3213810	-	5	66	TTG	TGA	0	0	
mORF_-_3213749	3213749	3214513	-	6	765	ATG	TAA	15	134	pORF_-_3213749
mORF_-_3213850	3213850	3213903	-	5	54	ATG	TAA	0	0	
mORF_-_3213904	3213904	3214023	-	5	120	TTG	TAG	0	0	
mORF_-_3213918	3213918	3213932	-	4	15	ATG	TGA	0	0	
mORF_-_3214030	3214030	3214257	-	5	228	GTG	TGA	1	2	pORF_-_3214030
mORF_-_3214303	3214303	3214440	-	5	138	TTG	TAA	0	0	
mORF_-_3214453	3214453	3214476	-	5	24	ATG	TGA	0	0	
mORF_-_3214537	3214537	3214584	-	5	48	ATG	TGA	0	0	
mORF_-_3214581	3214581	3214658	-	4	78	ATG	TGA	0	0	
mORF_-_3214648	3214648	3214665	-	5	18	TTG	TGA	0	0	
mORF_-_3214662	3214662	3214754	-	4	93	ATG	TGA	0	0	
mORF_-_3214697	3214697	3214717	-	6	21	GTG	TAG	0	0	
mORF_-_3214733	3214733	3214744	-	6	12	TTG	TAA	0	0	
mORF_-_3214777	3214777	3214851	-	5	75	ATG	TAG	0	0	
mORF_-_3214781	3214781	3214846	-	6	66	GTG	TAA	0	0	
mORF_-_3214812	3214812	3214865	-	4	54	TTG	TGA	0	0	
mORF_-_3214876	3214876	3214980	-	5	105	GTG	TGA	0	0	
mORF_-_3214987	3214987	3215031	-	5	45	GTG	TAA	0	0	
mORF_-_3215045	3215045	3215086	-	6	42	TTG	TAA	0	0	
mORF_-_3215062	3215062	3215289	-	5	228	TTG	TAG	0	0	
mORF_-_3215076	3215076	3215099	-	4	24	ATG	TAA	0	0	
mORF_-_3215096	3215096	3215107	-	6	12	TTG	TGA	0	0	
mORF_-_3215100	3215100	3215378	-	4	279	ATG	TAG	1	2	pORF_-_3215100
mORF_-_3215329	3215329	3215505	-	5	177	GTG	TAA	0	0	
mORF_-_3215351	3215351	3215362	-	6	12	GTG	TGA	0	0	
mORF_-_3215421	3215421	3215546	-	4	126	ATG	TAA	0	0	
mORF_-_3215489	3215489	3215494	-	6	6	GTG	TAG	0	0	
mORF_-_3215498	3215498	3215572	-	6	75	ATG	TAG	0	0	
mORF_-_3215539	3215539	3215556	-	5	18	TTG	TGA	0	0	
mORF_-_3215578	3215578	3217098	-	5	1521	ATG	TAA	14	219	pORF_-_3215578
mORF_-_3215625	3215625	3215669	-	4	45	ATG	TGA	0	0	
mORF_-_3215682	3215682	3215705	-	4	24	GTG	TGA	0	0	
mORF_-_3215709	3215709	3215726	-	4	18	ATG	TGA	0	0	
mORF_-_3215781	3215781	3215867	-	4	87	TTG	TGA	0	0	
mORF_-_3215868	3215868	3215894	-	4	27	ATG	TGA	0	0	
mORF_-_3215910	3215910	3215987	-	4	78	ATG	TAG	0	0	
mORF_-_3215988	3215988	3216017	-	4	30	TTG	TGA	0	0	

mORF_-_3216027	3216027	3216047	-	4	21	TTG	TGA	0	0
mORF_-_3216096	3216096	3216125	-	4	30	ATG	TGA	0	0
mORF_-_3216201	3216201	3216233	-	4	33	TTG	TGA	0	0
mORF_-_3216255	3216255	3216323	-	4	69	ATG	TGA	0	0
mORF_-_3216326	3216326	3216343	-	6	18	GTG	TAA	0	0
mORF_-_3216345	3216345	3216353	-	4	9	TTG	TGA	0	0
mORF_-_3216360	3216360	3216368	-	4	9	GTG	TAG	0	0
mORF_-_3216375	3216375	3216389	-	4	15	ATG	TGA	0	0
mORF_-_3216399	3216399	3216413	-	4	15	GTG	TGA	0	0
mORF_-_3216416	3216416	3216484	-	6	69	ATG	TAA	0	0
mORF_-_3216438	3216438	3216458	-	4	21	ATG	TGA	0	0
mORF_-_3216462	3216462	3216488	-	4	27	TTG	TAG	0	0
mORF_-_3216485	3216485	3216559	-	6	75	TTG	TGA	0	0
mORF_-_3216513	3216513	3216521	-	4	9	GTG	TAG	0	0
mORF_-_3216534	3216534	3216554	-	4	21	TTG	TGA	0	0
mORF_-_3216594	3216594	3216602	-	4	9	GTG	TGA	0	0
mORF_-_3216699	3216699	3216833	-	4	135	ATG	TGA	0	0
mORF_-_3216737	3216737	3216820	-	6	84	TTG	TGA	0	0
mORF_-_3216827	3216827	3216892	-	6	66	GTG	TGA	0	0
mORF_-_3216879	3216879	3216902	-	4	24	TTG	TGA	0	0
mORF_-_3216978	3216978	3217004	-	4	27	ATG	TGA	0	0
mORF_-_3217038	3217038	3217082	-	4	45	ATG	TGA	0	0
mORF_-_3217180	3217180	3217218	-	5	39	TTG	TAA	0	0
mORF_-_3217190	3217190	3217216	-	6	27	GTG	TAA	0	0
mORF_-_3217234	3217234	3217248	-	5	15	GTG	TAA	0	0
mORF_-_3217256	3217256	3217285	-	6	30	TTG	TAG	0	0
mORF_-_3217269	3217269	3217373	-	4	105	TTG	TAA	0	0
mORF_-_3217273	3217273	3217296	-	5	24	TTG	TAA	0	0
mORF_-_3217289	3217289	3217402	-	6	114	GTG	TGA	0	0
mORF_-_3217297	3217297	3217329	-	5	33	TTG	TAA	0	0
mORF_-_3217333	3217333	3217362	-	5	30	TTG	TGA	0	0
mORF_-_3217390	3217390	3217470	-	5	81	TTG	TAA	0	0
mORF_-_3217424	3217424	3217540	-	6	117	ATG	TAA	0	0
mORF_-_3217474	3217474	3217512	-	5	39	ATG	TAA	0	0
mORF_-_3217485	3217485	3217577	-	4	93	ATG	TGA	0	0
mORF_-_3217546	3217546	3217650	-	5	105	ATG	TAA	0	0
mORF_-_3217574	3217574	3217615	-	6	42	GTG	TGA	0	0
mORF_-_3217596	3217596	3217679	-	4	84	TTG	TGA	0	0
mORF_-_3217666	3217666	3217722	-	5	57	TTG	TAA	0	0
mORF_-_3217701	3217701	3217799	-	4	99	TTG	TAA	0	0
mORF_-_3217732	3217732	3217866	-	5	135	GTG	TAA	0	0
mORF_-_3217796	3217796	3218014	-	6	219	GTG	TGA	0	0
mORF_-_3217842	3217842	3217967	-	4	126	GTG	TGA	0	0
mORF_-_3218004	3218004	3218108	-	4	105	TTG	TAA	0	0
mORF_-_3218011	3218011	3218058	-	5	48	GTG	TGA	0	0
mORF_-_3218033	3218033	3218068	-	6	36	GTG	TAA	0	0
mORF_-_3218122	3218122	3218142	-	5	21	ATG	TAA	0	0
mORF_-_3218139	3218139	3218192	-	4	54	TTG	TGA	0	0
mORF_-_3218271	3218271	3218558	-	4	288	TTG	TAG	0	0
mORF_-_3218276	3218276	3218494	-	6	219	ATG	TGA	0	0
mORF_-_3218293	3218293	3218379	-	5	87	ATG	TAG	0	0
mORF_-_3218473	3218473	3218502	-	5	30	ATG	TGA	0	0
mORF_-_3218578	3218578	3218901	-	5	324	TTG	TAA	0	0
mORF_-_3218718	3218718	3218870	-	4	153	ATG	TAG	0	0
mORF_-_3218771	3218771	3218812	-	6	42	GTG	TGA	0	0
mORF_-_3218898	3218898	3218927	-	4	30	ATG	TGA	0	0
mORF_-_3218937	3218937	3219269	-	4	333	ATG	TAA	0	0
mORF_-_3218978	3218978	3219046	-	6	69	GTG	TAA	0	0
mORF_-_3219001	3219001	3219030	-	5	30	ATG	TGA	0	0
mORF_-_3219040	3219040	3219072	-	5	33	ATG	TGA	0	0
mORF_-_3219131	3219131	3219196	-	6	66	ATG	TGA	0	0
mORF_-_3219203	3219203	3219244	-	6	42	TTG	TGA	0	0
mORF_-_3219297	3219297	3219323	-	4	27	TTG	TAG	0	0

mORF_-_3219302	3219302	3219310	-	6	9	TTG	TAG	0	0	
mORF_-_3219320	3219320	3219361	-	6	42	GTG	TGA	0	0	
mORF_-_3219358	3219358	3219363	-	5	6	ATG	TGA	0	0	
mORF_-_3219385	3219385	3219396	-	5	12	TTG	TAA	0	0	
mORF_-_3219408	3219408	3219569	-	4	162	ATG	TAA	0	0	
mORF_-_3219412	3219412	3219669	-	5	258	TTG	TAA	1	8	pORF_-_3219412
mORF_-_3219446	3219446	3219451	-	6	6	TTG	TAG	0	0	
mORF_-_3219551	3219551	3219805	-	6	255	GTG	TAA	0	0	
mORF_-_3219697	3219697	3219720	-	5	24	TTG	TAG	0	0	
mORF_-_3219730	3219730	3219792	-	5	63	TTG	TAG	0	0	
mORF_-_3219796	3219796	3219900	-	5	105	TTG	TAA	0	0	
mORF_-_3219842	3219842	3220351	-	6	510	ATG	TAA	0	0	
mORF_-_3219909	3219909	3219965	-	4	57	GTG	TAA	0	0	
mORF_-_3219937	3219937	3219984	-	5	48	ATG	TAA	0	0	
mORF_-_3219991	3219991	3220050	-	5	60	TTG	TAG	0	0	
mORF_-_3220023	3220023	3220199	-	4	177	GTG	TAA	0	0	
mORF_-_3220186	3220186	3220221	-	5	36	ATG	TAG	0	0	
mORF_-_3220224	3220224	3220271	-	4	48	GTG	TAG	0	0	
mORF_-_3220246	3220246	3220347	-	5	102	ATG	TGA	0	0	
mORF_-_3220369	3220369	3220461	-	5	93	GTG	TGA	0	0	
mORF_-_3220468	3220468	3220485	-	5	18	GTG	TAA	0	0	
mORF_-_3220478	3220478	3220495	-	6	18	TTG	TAA	0	0	
mORF_-_3220539	3220539	3220553	-	4	15	ATG	TAA	0	0	
mORF_-_3220554	3220554	3220598	-	4	45	TTG	TAA	0	0	
mORF_-_3220561	3220561	3220674	-	5	114	ATG	TAG	0	0	
mORF_-_3220583	3220583	3220606	-	6	24	TTG	TAG	0	0	
mORF_-_3220599	3220599	3220604	-	4	6	GTG	TAA	0	0	
mORF_-_3220640	3220640	3220687	-	6	48	GTG	TAG	0	0	
mORF_-_3220675	3220675	3220683	-	5	9	GTG	TGA	0	0	
mORF_-_3220680	3220680	3220724	-	4	45	ATG	TGA	0	0	
mORF_-_3220721	3220721	3220741	-	6	21	TTG	TGA	0	0	
mORF_-_3220784	3220784	3220828	-	6	45	TTG	TAA	0	0	
mORF_-_3220792	3220792	3220890	-	5	99	ATG	TGA	0	0	
mORF_-_3220853	3220853	3220996	-	6	144	TTG	TAA	0	0	
mORF_-_3220875	3220875	3220982	-	4	108	TTG	TAA	0	0	
mORF_-_3220906	3220906	3220950	-	5	45	ATG	TGA	0	0	
mORF_-_3220993	3220993	3221007	-	5	15	GTG	TGA	0	0	
mORF_-_3221089	3221089	3221166	-	5	78	TTG	TGA	0	0	
mORF_-_3221234	3221234	3221275	-	6	42	GTG	TGA	0	0	
mORF_-_3221257	3221257	3221298	-	5	42	GTG	TAA	0	0	
mORF_-_3221276	3221276	3221509	-	6	234	TTG	TAG	0	0	
mORF_-_3221323	3221323	3221442	-	5	120	ATG	TAG	0	0	
mORF_-_3221385	3221385	3221456	-	4	72	TTG	TGA	0	0	
mORF_-_3221513	3221513	3222724	-	6	1212	GTG	TGA	0	0	
mORF_-_3221533	3221533	3221643	-	5	111	TTG	TAA	0	0	
mORF_-_3221544	3221544	3221591	-	4	48	GTG	TGA	0	0	
mORF_-_3221650	3221650	3221673	-	5	24	TTG	TAA	0	0	
mORF_-_3221677	3221677	3221685	-	5	9	TTG	TGA	0	0	
mORF_-_3221689	3221689	3221763	-	5	75	TTG	TGA	0	0	
mORF_-_3221923	3221923	3221997	-	5	75	TTG	TAG	0	0	
mORF_-_3222007	3222007	3222060	-	5	54	GTG	TAG	0	0	
mORF_-_3222073	3222073	3222183	-	5	111	ATG	TAA	0	0	
mORF_-_3222180	3222180	3222311	-	4	132	GTG	TGA	0	0	
mORF_-_3222247	3222247	3222264	-	5	18	ATG	TAG	0	0	
mORF_-_3222274	3222274	3222327	-	5	54	TTG	TAA	0	0	
mORF_-_3222361	3222361	3222372	-	5	12	TTG	TAG	0	0	
mORF_-_3222409	3222409	3222525	-	5	117	GTG	TGA	0	0	
mORF_-_3222535	3222535	3222702	-	5	168	GTG	TAG	0	0	
mORF_-_3222706	3222706	3222735	-	5	30	GTG	TAG	0	0	
mORF_-_3222726	3222726	3222788	-	4	63	TTG	TAG	0	0	
mORF_-_3222739	3222739	3222834	-	5	96	GTG	TGA	0	0	
mORF_-_3222844	3222844	3222969	-	5	126	TTG	TAG	0	0	
mORF_-_3222858	3222858	3222932	-	4	75	TTG	TGA	0	0	

mORF_-_3222866	3222866	3223744	-	6	879	TTG	TGA	0	0
mORF_-_3223000	3223000	3223122	-	5	123	GTG	TGA	0	0
mORF_-_3223123	3223123	3223137	-	5	15	ATG	TAG	0	0
mORF_-_3223189	3223189	3223224	-	5	36	ATG	TAG	0	0
mORF_-_3223282	3223282	3223341	-	5	60	ATG	TAG	0	0
mORF_-_3223308	3223308	3223403	-	4	96	GTG	TGA	0	0
mORF_-_3223351	3223351	3223371	-	5	21	TTG	TAG	0	0
mORF_-_3223407	3223407	3223451	-	4	45	TTG	TAG	0	0
mORF_-_3223471	3223471	3223536	-	5	66	GTG	TAG	0	0
mORF_-_3223549	3223549	3223575	-	5	27	TTG	TGA	0	0
mORF_-_3223630	3223630	3223719	-	5	90	GTG	TAG	0	0
mORF_-_3223668	3223668	3223754	-	4	87	ATG	TAG	0	0
mORF_-_3223751	3223751	3223876	-	6	126	ATG	TGA	0	0
mORF_-_3223762	3223762	3223860	-	5	99	GTG	TAA	0	0
mORF_-_3223782	3223782	3223841	-	4	60	ATG	TAA	0	0
mORF_-_3223842	3223842	3223865	-	4	24	ATG	TGA	0	0
mORF_-_3223915	3223915	3223971	-	5	57	TTG	TAG	0	0
mORF_-_3223919	3223919	3223999	-	6	81	ATG	TAA	0	0
mORF_-_3224016	3224016	3224165	-	4	150	ATG	TAA	0	0
mORF_-_3224044	3224044	3224196	-	5	153	TTG	TAA	0	0
mORF_-_3224175	3224175	3224240	-	4	66	ATG	TAA	0	0
mORF_-_3224197	3224197	3224208	-	5	12	TTG	TAG	0	0
mORF_-_3224237	3224237	3224287	-	6	51	TTG	TGA	0	0
mORF_-_3224254	3224254	3224280	-	5	27	TTG	TAA	0	0
mORF_-_3224321	3224321	3224344	-	6	24	TTG	TAA	0	0
mORF_-_3224341	3224341	3224376	-	5	36	GTG	TGA	0	0
mORF_-_3224402	3224402	3224428	-	6	27	ATG	TAA	0	0
mORF_-_3224425	3224425	3224511	-	5	87	ATG	TGA	0	0
mORF_-_3224528	3224528	3224557	-	6	30	GTG	TAG	0	0
mORF_-_3224554	3224554	3224562	-	5	9	GTG	TGA	0	0
mORF_-_3224582	3224582	3224722	-	6	141	GTG	TAA	0	0
mORF_-_3224644	3224644	3224709	-	5	66	TTG	TGA	0	0
mORF_-_3224719	3224719	3224727	-	5	9	TTG	TGA	0	0
mORF_-_3224753	3224753	3225397	-	6	645	ATG	TAG	0	0
mORF_-_3224760	3224760	3225068	-	4	309	GTG	TAA	0	0
mORF_-_3225133	3225133	3225171	-	5	39	TTG	TAA	0	0
mORF_-_3225394	3225394	3225441	-	5	48	GTG	TGA	0	0
mORF_-_3225404	3225404	3225424	-	6	21	TTG	TAA	0	0
mORF_-_3225426	3225426	3225434	-	4	9	GTG	TAA	0	0
mORF_-_3225431	3225431	3225562	-	6	132	ATG	TGA	0	0
mORF_-_3225475	3225475	3225531	-	5	57	ATG	TAA	0	0
mORF_-_3225566	3225566	3225679	-	6	114	TTG	TAA	0	0
mORF_-_3225636	3225636	3225716	-	4	81	ATG	TAA	0	0
mORF_-_3225774	3225774	3225836	-	4	63	GTG	TAA	0	0
mORF_-_3225803	3225803	3225811	-	6	9	ATG	TAA	0	0
mORF_-_3225815	3225815	3225823	-	6	9	TTG	TAA	0	0
mORF_-_3225833	3225833	3225940	-	6	108	TTG	TGA	0	0
mORF_-_3225853	3225853	3225918	-	5	66	ATG	TAA	0	0
mORF_-_3225873	3225873	3225926	-	4	54	GTG	TAG	0	0
mORF_-_3225941	3225941	3225964	-	6	24	ATG	TAA	0	0
mORF_-_3226006	3226006	3226269	-	5	264	TTG	TAA	0	0
mORF_-_3226095	3226095	3226136	-	4	42	TTG	TAA	0	0
mORF_-_3226200	3226200	3226229	-	4	30	ATG	TAA	0	0
mORF_-_3226242	3226242	3226286	-	4	45	GTG	TGA	0	0
mORF_-_3226299	3226299	3226361	-	4	63	TTG	TAG	0	0
mORF_-_3226351	3226351	3226401	-	5	51	ATG	TAA	0	0
mORF_-_3226368	3226368	3226379	-	4	12	GTG	TAA	0	0
mORF_-_3226376	3226376	3226471	-	6	96	TTG	TGA	0	0
mORF_-_3226398	3226398	3226433	-	4	36	TTG	TGA	0	0
mORF_-_3226420	3226420	3226425	-	5	6	ATG	TAG	0	0
mORF_-_3226443	3226443	3226460	-	4	18	GTG	TAG	0	0
mORF_-_3226482	3226482	3226547	-	4	66	GTG	TAA	0	0
mORF_-_3226557	3226557	3226670	-	4	114	ATG	TAG	0	0

mORF_-_3226573	3226573	3226608	-	5	36	ATG	TAG	0	0	
mORF_-_3226681	3226681	3226989	-	5	309	TTG	TAA	0	0	
mORF_-_3226692	3226692	3226703	-	4	12	GTG	TAA	0	0	
mORF_-_3226707	3226707	3226712	-	4	6	GTG	TAA	0	0	
mORF_-_3226713	3226713	3226808	-	4	96	GTG	TAG	0	0	
mORF_-_3226827	3226827	3226832	-	4	6	ATG	TAG	0	0	
mORF_-_3226928	3226928	3227296	-	6	369	TTG	TAA	0	0	
mORF_-_3226990	3226990	3227031	-	5	42	ATG	TAA	0	0	
mORF_-_3227098	3227098	3227445	-	5	348	ATG	TGA	0	0	
mORF_-_3227232	3227232	3227336	-	4	105	GTG	TAA	0	0	
mORF_-_3227336	3227336	3227758	-	6	423	TTG	TAG	0	0	
mORF_-_3227467	3227467	3227529	-	5	63	GTG	TGA	0	0	
mORF_-_3227563	3227563	3227646	-	5	84	GTG	TGA	0	0	
mORF_-_3227650	3227650	3227658	-	5	9	GTG	TAG	0	0	
mORF_-_3227680	3227680	3227694	-	5	15	TTG	TGA	0	0	
mORF_-_3227737	3227737	3227931	-	5	195	TTG	TAA	0	0	
mORF_-_3227847	3227847	3227867	-	4	21	GTG	TGA	0	0	
mORF_-_3227864	3227864	3228247	-	6	384	GTG	TGA	1	2	pORF_-_3227864
mORF_-_3227895	3227895	3227900	-	4	6	GTG	TAA	0	0	
mORF_-_3227932	3227932	3228195	-	5	264	GTG	TGA	0	0	
mORF_-_3228257	3228257	3228322	-	6	66	GTG	TAA	0	0	
mORF_-_3228271	3228271	3228396	-	5	126	TTG	TGA	0	0	
mORF_-_3228348	3228348	3228461	-	4	114	ATG	TAA	0	0	
mORF_-_3228397	3228397	3228546	-	5	150	TTG	TAG	0	0	
mORF_-_3228534	3228534	3228731	-	4	198	GTG	TAG	0	0	
mORF_-_3228614	3228614	3228664	-	6	51	ATG	TAG	0	0	
mORF_-_3228664	3228664	3228711	-	5	48	TTG	TAA	0	0	
mORF_-_3228745	3228745	3228756	-	5	12	GTG	TAG	0	0	
mORF_-_3228774	3228774	3228815	-	4	42	GTG	TAG	0	0	
mORF_-_3228787	3228787	3228990	-	5	204	TTG	TAG	0	0	
mORF_-_3228885	3228885	3228899	-	4	15	TTG	TAA	0	0	
mORF_-_3228951	3228951	3229364	-	4	414	GTG	TGA	0	0	
mORF_-_3228983	3228983	3229123	-	6	141	GTG	TAA	0	0	
mORF_-_3229078	3229078	3229128	-	5	51	TTG	TAA	0	0	
mORF_-_3229133	3229133	3229258	-	6	126	TTG	TAA	0	0	
mORF_-_3229162	3229162	3229464	-	5	303	GTG	TAA	0	0	
mORF_-_3229304	3229304	3229564	-	6	261	GTG	TAG	0	0	
mORF_-_3229404	3229404	3229592	-	4	189	GTG	TAG	0	0	
mORF_-_3229504	3229504	3229551	-	5	48	ATG	TAG	0	0	
mORF_-_3229561	3229561	3229662	-	5	102	TTG	TGA	0	0	
mORF_-_3229589	3229589	3229603	-	6	15	GTG	TGA	0	0	
mORF_-_3229637	3229637	3229657	-	6	21	ATG	TAA	0	0	
mORF_-_3229644	3229644	3229655	-	4	12	GTG	TGA	0	0	
mORF_-_3229668	3229668	3229682	-	4	15	TTG	TAA	0	0	
mORF_-_3229692	3229692	3229769	-	4	78	GTG	TAG	0	0	
mORF_-_3229727	3229727	3229762	-	6	36	TTG	TAA	0	0	
mORF_-_3229759	3229759	3229836	-	5	78	GTG	TGA	0	0	
mORF_-_3229833	3229833	3229946	-	4	114	ATG	TGA	0	0	
mORF_-_3229853	3229853	3229906	-	6	54	TTG	TGA	0	0	
mORF_-_3229876	3229876	3230076	-	5	201	ATG	TAA	0	0	
mORF_-_3229910	3229910	3229933	-	6	24	GTG	TGA	0	0	
mORF_-_3229946	3229946	3230044	-	6	99	ATG	TAA	0	0	
mORF_-_3229962	3229962	3229976	-	4	15	TTG	TGA	0	0	
mORF_-_3230013	3230013	3230219	-	4	207	TTG	TAG	0	0	
mORF_-_3230080	3230080	3230523	-	5	444	GTG	TAA	0	0	
mORF_-_3230247	3230247	3230318	-	4	72	ATG	TAA	0	0	
mORF_-_3230325	3230325	3230702	-	4	378	TTG	TAG	0	0	
mORF_-_3230423	3230423	3230491	-	6	69	ATG	TGA	0	0	
mORF_-_3230555	3230555	3230653	-	6	99	TTG	TAA	0	0	
mORF_-_3230650	3230650	3230904	-	5	255	ATG	TGA	0	0	
mORF_-_3230718	3230718	3230858	-	4	141	ATG	TGA	0	0	
mORF_-_3230738	3230738	3230788	-	6	51	TTG	TGA	0	0	
mORF_-_3230858	3230858	3230890	-	6	33	ATG	TAA	0	0	

mORF_-_3230901	3230901	3230951	-	4	51	TTG	TGA	0	0	
mORF_-_3230979	3230979	3231023	-	4	45	TTG	TAA	0	0	
mORF_-_3231013	3231013	3231027	-	5	15	GTG	TAG	0	0	
mORF_-_3231024	3231024	3231029	-	4	6	GTG	TGA	0	0	
mORF_-_3231042	3231042	3231104	-	4	63	ATG	TGA	0	0	
mORF_-_3231046	3231046	3231120	-	5	75	ATG	TAA	0	0	
mORF_-_3231135	3231135	3231188	-	4	54	ATG	TAA	0	0	
mORF_-_3231185	3231185	3231352	-	6	168	GTG	TGA	0	0	
mORF_-_3231231	3231231	3231434	-	4	204	GTG	TGA	0	0	
mORF_-_3231298	3231298	3231303	-	5	6	TTG	TAG	0	0	
mORF_-_3231400	3231400	3231504	-	5	105	ATG	TAA	0	0	
mORF_-_3231477	3231477	3231545	-	4	69	TTG	TGA	0	0	
mORF_-_3231512	3231512	3231574	-	6	63	TTG	TGA	0	0	
mORF_-_3231532	3231532	3231621	-	5	90	ATG	TAA	0	0	
mORF_-_3231644	3231644	3231685	-	6	42	GTG	TAG	0	0	
mORF_-_3231702	3231702	3231743	-	4	42	GTG	TAA	0	0	
mORF_-_3231710	3231710	3231757	-	6	48	TTG	TAA	0	0	
mORF_-_3231750	3231750	3232166	-	4	417	ATG	TAA	1	3	pORF_-_3231750
mORF_-_3231833	3231833	3231865	-	6	33	TTG	TGA	0	0	
mORF_-_3231887	3231887	3231895	-	6	9	ATG	TAA	0	0	
mORF_-_3231923	3231923	3231967	-	6	45	TTG	TAG	0	0	
mORF_-_3231955	3231955	3232008	-	5	54	GTG	TAA	0	0	
mORF_-_3231995	3231995	3232006	-	6	12	GTG	TAA	0	0	
mORF_-_3232124	3232124	3232162	-	6	39	TTG	TAA	0	0	
mORF_-_3232163	3232163	3232477	-	6	315	ATG	TGA	0	0	
mORF_-_3232219	3232219	3232254	-	5	36	TTG	TGA	0	0	
mORF_-_3232227	3232227	3232241	-	4	15	GTG	TGA	0	0	
mORF_-_3232267	3232267	3232305	-	5	39	ATG	TAG	0	0	
mORF_-_3232354	3232354	3232446	-	5	93	ATG	TAA	0	0	
mORF_-_3232419	3232419	3232658	-	4	240	ATG	TAA	0	0	
mORF_-_3232468	3232468	3232536	-	5	69	TTG	TGA	0	0	
mORF_-_3232484	3232484	3232507	-	6	24	TTG	TGA	0	0	
mORF_-_3232684	3232684	3232758	-	5	75	TTG	TAA	0	0	
mORF_-_3232761	3232761	3233927	-	4	1167	ATG	TAA	2	4	pORF_-_3232761
mORF_-_3232790	3232790	3232819	-	6	30	TTG	TGA	0	0	
mORF_-_3232847	3232847	3232882	-	6	36	TTG	TGA	0	0	
mORF_-_3232955	3232955	3232999	-	6	45	ATG	TGA	0	0	
mORF_-_3233039	3233039	3233083	-	6	45	TTG	TGA	0	0	
mORF_-_3233087	3233087	3233158	-	6	72	TTG	TGA	0	0	
mORF_-_3233165	3233165	3233362	-	6	198	ATG	TGA	0	0	
mORF_-_3233182	3233182	3233190	-	5	9	TTG	TAA	0	0	
mORF_-_3233359	3233359	3233373	-	5	15	TTG	TGA	0	0	
mORF_-_3233374	3233374	3233397	-	5	24	ATG	TAA	0	0	
mORF_-_3233378	3233378	3233521	-	6	144	GTG	TGA	0	0	
mORF_-_3233564	3233564	3233575	-	6	12	GTG	TGA	0	0	
mORF_-_3233615	3233615	3233689	-	6	75	TTG	TGA	0	0	
mORF_-_3233723	3233723	3233743	-	6	21	ATG	TAA	0	0	
mORF_-_3233750	3233750	3233839	-	6	90	ATG	TGA	0	0	
mORF_-_3233800	3233800	3233817	-	5	18	GTG	TGA	0	0	
mORF_-_3233894	3233894	3233989	-	6	96	TTG	TGA	0	0	
mORF_-_3233992	3233992	3234042	-	5	51	GTG	TAA	0	0	
mORF_-_3234021	3234021	3234206	-	4	186	ATG	TAG	0	0	
mORF_-_3234046	3234046	3234096	-	5	51	GTG	TAA	0	0	
mORF_-_3234101	3234101	3234109	-	6	9	GTG	TAG	0	0	
mORF_-_3234149	3234149	3234379	-	6	231	TTG	TGA	0	0	
mORF_-_3234175	3234175	3234273	-	5	99	TTG	TGA	0	0	
mORF_-_3234228	3234228	3234422	-	4	195	GTG	TAA	0	0	
mORF_-_3234401	3234401	3234478	-	6	78	TTG	TGA	0	0	
mORF_-_3234494	3234494	3234574	-	6	81	ATG	TGA	0	0	
mORF_-_3234516	3234516	3234719	-	4	204	TTG	TAA	0	0	
mORF_-_3234745	3234745	3234816	-	5	72	GTG	TAA	0	0	
mORF_-_3234779	3234779	3234880	-	6	102	ATG	TAA	0	0	
mORF_-_3234905	3234905	3234955	-	6	51	TTG	TAG	0	0	

mORF_-_3234939	3234939	3235010	-	4	72	ATG	TAG	0	0	
mORF_-_3234952	3234952	3235269	-	5	318	GTG	TGA	0	0	
mORF_-_3235010	3235010	3235054	-	6	45	TTG	TAA	0	0	
mORF_-_3235032	3235032	3235100	-	4	69	TTG	TGA	0	0	
mORF_-_3235122	3235122	3235652	-	4	531	ATG	TGA	0	0	
mORF_-_3235291	3235291	3235395	-	5	105	ATG	TAG	0	0	
mORF_-_3235313	3235313	3235327	-	6	15	GTG	TAA	0	0	
mORF_-_3235414	3235414	3235803	-	5	390	TTG	TAA	0	0	
mORF_-_3235487	3235487	3235573	-	6	87	GTG	TAA	0	0	
mORF_-_3235595	3235595	3235693	-	6	99	ATG	TAA	0	0	
mORF_-_3235719	3235719	3235775	-	4	57	TTG	TGA	0	0	
mORF_-_3235806	3235806	3235832	-	4	27	GTG	TAA	0	0	
mORF_-_3235835	3235835	3235846	-	6	12	ATG	TAA	0	0	
mORF_-_3235850	3235850	3235861	-	6	12	TTG	TAG	0	0	
mORF_-_3235862	3235862	3235951	-	6	90	TTG	TAA	0	0	
mORF_-_3235903	3235903	3236016	-	5	114	GTG	TAA	0	0	
mORF_-_3235986	3235986	3236006	-	4	21	GTG	TAA	0	0	
mORF_-_3236003	3236003	3236020	-	6	18	TTG	TGA	0	0	
mORF_-_3236017	3236017	3236223	-	5	207	ATG	TGA	0	0	
mORF_-_3236052	3236052	3236168	-	4	117	ATG	TGA	0	0	
mORF_-_3236220	3236220	3236399	-	4	180	TTG	TGA	0	0	
mORF_-_3236246	3236246	3236383	-	6	138	ATG	TGA	0	0	
mORF_-_3236380	3236380	3236469	-	5	90	TTG	TGA	0	0	
mORF_-_3236412	3236412	3236462	-	4	51	GTG	TGA	0	0	
mORF_-_3236432	3236432	3236452	-	6	21	GTG	TAA	0	0	
mORF_-_3236459	3236459	3236542	-	6	84	ATG	TGA	0	0	
mORF_-_3236583	3236583	3236843	-	4	261	GTG	TAA	0	0	
mORF_-_3236626	3236626	3236703	-	5	78	ATG	TAG	0	0	
mORF_-_3236666	3236666	3236701	-	6	36	GTG	TAG	0	0	
mORF_-_3236758	3236758	3236796	-	5	39	TTG	TAA	0	0	
mORF_-_3236765	3236765	3236830	-	6	66	GTG	TAA	0	0	
mORF_-_3236903	3236903	3236929	-	6	27	ATG	TGA	0	0	
mORF_-_3236907	3236907	3237113	-	4	207	TTG	TAG	0	0	
mORF_-_3236929	3236929	3236934	-	5	6	TTG	TAA	0	0	
mORF_-_3237007	3237007	3237087	-	5	81	ATG	TAG	0	0	
mORF_-_3237059	3237059	3237211	-	6	153	GTG	TAA	0	0	
mORF_-_3237130	3237130	3237174	-	5	45	ATG	TAG	0	0	
mORF_-_3237138	3237138	3237437	-	4	300	TTG	TGA	0	0	
mORF_-_3237305	3237305	3237322	-	6	18	TTG	TGA	0	0	
mORF_-_3237319	3237319	3237546	-	5	228	ATG	TGA	1	3	pORF_-_3237319
mORF_-_3237434	3237434	3237469	-	6	36	TTG	TGA	0	0	
mORF_-_3237456	3237456	3237524	-	4	69	TTG	TAG	0	0	
mORF_-_3237521	3237521	3237751	-	6	231	ATG	TGA	0	0	
mORF_-_3237580	3237580	3237612	-	5	33	GTG	TAG	0	0	
mORF_-_3237600	3237600	3237668	-	4	69	GTG	TAA	0	0	
mORF_-_3237688	3237688	3237708	-	5	21	TTG	TGA	0	0	
mORF_-_3237751	3237751	3237768	-	5	18	GTG	TGA	0	0	
mORF_-_3237782	3237782	3237892	-	6	111	GTG	TAA	0	0	
mORF_-_3237787	3237787	3237804	-	5	18	ATG	TGA	0	0	
mORF_-_3237804	3237804	3237842	-	4	39	ATG	TAA	0	0	
mORF_-_3237871	3237871	3237948	-	5	78	GTG	TAA	0	0	
mORF_-_3237897	3237897	3237977	-	4	81	TTG	TAA	0	0	
mORF_-_3237970	3237970	3238170	-	5	201	ATG	TAG	0	0	
mORF_-_3237990	3237990	3238028	-	4	39	TTG	TAG	0	0	
mORF_-_3238007	3238007	3238204	-	6	198	TTG	TGA	0	0	
mORF_-_3238101	3238101	3238190	-	4	90	GTG	TAA	0	0	
mORF_-_3238226	3238226	3238387	-	6	162	ATG	TAG	0	0	
mORF_-_3238230	3238230	3238298	-	4	69	ATG	TAG	0	0	
mORF_-_3238288	3238288	3238452	-	5	165	GTG	TAG	0	0	
mORF_-_3238332	3238332	3238616	-	4	285	TTG	TGA	0	0	
mORF_-_3238409	3238409	3238414	-	6	6	ATG	TAG	0	0	
mORF_-_3238457	3238457	3238597	-	6	141	GTG	TGA	0	0	
mORF_-_3238528	3238528	3238542	-	5	15	GTG	TGA	0	0	

mORF_-_3238570	3238570	3238599	-	5	30	GTG	TAG	0	0	
mORF_-_3238607	3238607	3238777	-	6	171	ATG	TAG	0	0	
mORF_-_3238663	3238663	3238671	-	5	9	ATG	TAA	0	0	
mORF_-_3238826	3238826	3239152	-	6	327	GTG	TAG	0	0	
mORF_-_3238858	3238858	3238878	-	5	21	TTG	TGA	0	0	
mORF_-_3238909	3238909	3239025	-	5	117	GTG	TAA	0	0	
mORF_-_3239089	3239089	3239136	-	5	48	TTG	TGA	0	0	
mORF_-_3239149	3239149	3239190	-	5	42	TTG	TGA	0	0	
mORF_-_3239215	3239215	3239766	-	5	552	ATG	TAA	0	0	
mORF_-_3239229	3239229	3239267	-	4	39	TTG	TAG	0	0	
mORF_-_3239304	3239304	3239312	-	4	9	ATG	TGA	0	0	
mORF_-_3239313	3239313	3239336	-	4	24	TTG	TGA	0	0	
mORF_-_3239333	3239333	3239401	-	6	69	GTG	TGA	0	0	
mORF_-_3239418	3239418	3239510	-	4	93	TTG	TGA	0	0	
mORF_-_3239426	3239426	3239548	-	6	123	ATG	TAA	0	0	
mORF_-_3239520	3239520	3239528	-	4	9	TTG	TGA	0	0	
mORF_-_3239571	3239571	3239717	-	4	147	TTG	TGA	0	0	
mORF_-_3239690	3239690	3239755	-	6	66	TTG	TGA	0	0	
mORF_-_3239718	3239718	3239735	-	4	18	GTG	TGA	0	0	
mORF_-_3239776	3239776	3239808	-	5	33	GTG	TAA	0	0	
mORF_-_3239805	3239805	3239810	-	4	6	ATG	TGA	0	0	
mORF_-_3239810	3239810	3239836	-	6	27	TTG	TAA	0	0	
mORF_-_3239830	3239830	3239841	-	5	12	ATG	TAA	0	0	
mORF_-_3239849	3239849	3241336	-	6	1488	ATG	TAA	1	2	pORF_-_3239849
mORF_-_3239857	3239857	3239934	-	5	78	TTG	TAA	0	0	
mORF_-_3239986	3239986	3240039	-	5	54	GTG	TGA	0	0	
mORF_-_3240055	3240055	3240126	-	5	72	GTG	TGA	0	0	
mORF_-_3240145	3240145	3240168	-	5	24	GTG	TAG	0	0	
mORF_-_3240193	3240193	3240384	-	5	192	TTG	TGA	0	0	
mORF_-_3240381	3240381	3240404	-	4	24	TTG	TGA	0	0	
mORF_-_3240412	3240412	3240432	-	5	21	TTG	TGA	0	0	
mORF_-_3240451	3240451	3240477	-	5	27	TTG	TGA	0	0	
mORF_-_3240478	3240478	3240558	-	5	81	TTG	TGA	0	0	
mORF_-_3240534	3240534	3240548	-	4	15	GTG	TGA	0	0	
mORF_-_3240604	3240604	3240654	-	5	51	ATG	TGA	0	0	
mORF_-_3240670	3240670	3240753	-	5	84	TTG	TGA	0	0	
mORF_-_3240873	3240873	3240965	-	4	93	GTG	TGA	0	0	
mORF_-_3240901	3240901	3241020	-	5	120	GTG	TGA	0	0	
mORF_-_3241084	3241084	3241176	-	5	93	ATG	TGA	0	0	
mORF_-_3241198	3241198	3241260	-	5	63	GTG	TAA	0	0	
mORF_-_3241288	3241288	3241341	-	5	54	TTG	TAG	0	0	
mORF_-_3241351	3241351	3242826	-	5	1476	GTG	TAA	7	22	pORF_-_3241351
mORF_-_3241356	3241356	3241385	-	4	30	ATG	TGA	0	0	
mORF_-_3241388	3241388	3241477	-	6	90	GTG	TAA	0	0	
mORF_-_3241533	3241533	3241547	-	4	15	TTG	TGA	0	0	
mORF_-_3241613	3241613	3241621	-	6	9	GTG	TAA	0	0	
mORF_-_3241710	3241710	3241751	-	4	42	ATG	TGA	0	0	
mORF_-_3241761	3241761	3241811	-	4	51	TTG	TGA	0	0	
mORF_-_3241815	3241815	3241916	-	4	102	TTG	TAG	0	0	
mORF_-_3241962	3241962	3242027	-	4	66	TTG	TGA	0	0	
mORF_-_3242031	3242031	3242039	-	4	9	ATG	TGA	0	0	
mORF_-_3242097	3242097	3242291	-	4	195	ATG	TGA	0	0	
mORF_-_3242316	3242316	3242558	-	4	243	GTG	TGA	0	0	
mORF_-_3242369	3242369	3242374	-	6	6	ATG	TAA	0	0	
mORF_-_3242531	3242531	3242581	-	6	51	ATG	TGA	0	0	
mORF_-_3242598	3242598	3242720	-	4	123	TTG	TGA	0	0	
mORF_-_3242621	3242621	3242665	-	6	45	TTG	TAA	0	0	
mORF_-_3242760	3242760	3242780	-	4	21	TTG	TGA	0	0	
mORF_-_3242823	3242823	3242897	-	4	75	TTG	TGA	0	0	
mORF_-_3242861	3242861	3242869	-	6	9	TTG	TAA	0	0	
mORF_-_3242866	3242866	3242991	-	5	126	GTG	TGA	0	0	
mORF_-_3242945	3242945	3243067	-	6	123	ATG	TGA	0	0	
mORF_-_3242958	3242958	3242975	-	4	18	ATG	TAG	0	0	

mORF_-_3242988	3242988	3243071	-	4	84	ATG	TGA	0	0	
mORF_-_3243034	3243034	3243054	-	5	21	TTG	TGA	0	0	
mORF_-_3243075	3243075	3243116	-	4	42	GTG	TAA	0	0	
mORF_-_3243110	3243110	3243127	-	6	18	ATG	TAA	0	0	
mORF_-_3243124	3243124	3243132	-	5	9	TTG	TGA	0	0	
mORF_-_3243161	3243161	3243229	-	6	69	TTG	TAA	0	0	
mORF_-_3243242	3243242	3243301	-	6	60	GTG	TAA	0	0	
mORF_-_3243256	3243256	3243348	-	5	93	TTG	TAA	0	0	
mORF_-_3243311	3243311	3243376	-	6	66	GTG	TAA	0	0	
mORF_-_3243363	3243363	3244262	-	4	900	GTG	TAA	1	3	pORF_-_3243363
mORF_-_3243389	3243389	3243397	-	6	9	ATG	TAG	0	0	
mORF_-_3243416	3243416	3243427	-	6	12	ATG	TAA	0	0	
mORF_-_3243424	3243424	3243519	-	5	96	TTG	TGA	0	0	
mORF_-_3243476	3243476	3243646	-	6	171	ATG	TAA	0	0	
mORF_-_3243656	3243656	3243751	-	6	96	ATG	TAG	0	0	
mORF_-_3243661	3243661	3243744	-	5	84	ATG	TAA	0	0	
mORF_-_3243748	3243748	3243762	-	5	15	ATG	TGA	0	0	
mORF_-_3243769	3243769	3243786	-	5	18	ATG	TAA	0	0	
mORF_-_3243860	3243860	3243886	-	6	27	GTG	TGA	0	0	
mORF_-_3243926	3243926	3244006	-	6	81	ATG	TGA	0	0	
mORF_-_3244097	3244097	3244489	-	6	393	TTG	TAA	0	0	
mORF_-_3244210	3244210	3244230	-	5	21	TTG	TGA	0	0	
mORF_-_3244231	3244231	3244269	-	5	39	GTG	TAA	0	0	
mORF_-_3244285	3244285	3244395	-	5	111	GTG	TAA	0	0	
mORF_-_3244452	3244452	3244541	-	4	90	ATG	TAA	0	0	
mORF_-_3244465	3244465	3244533	-	5	69	GTG	TAA	0	0	
mORF_-_3244560	3244560	3244709	-	4	150	TTG	TAA	0	0	
mORF_-_3244585	3244585	3244641	-	5	57	TTG	TGA	0	0	
mORF_-_3244616	3244616	3244684	-	6	69	GTG	TAG	0	0	
mORF_-_3244681	3244681	3244692	-	5	12	GTG	TGA	0	0	
mORF_-_3244703	3244703	3244735	-	6	33	ATG	TGA	0	0	
mORF_-_3244748	3244748	3244837	-	6	90	ATG	TAG	0	0	
mORF_-_3244875	3244875	3245324	-	4	450	ATG	TGA	0	0	
mORF_-_3244883	3244883	3244897	-	6	15	TTG	TGA	0	0	
mORF_-_3244910	3244910	3244945	-	6	36	TTG	TGA	0	0	
mORF_-_3244967	3244967	3244984	-	6	18	ATG	TGA	0	0	
mORF_-_3244981	3244981	3245013	-	5	33	TTG	TGA	0	0	
mORF_-_3245015	3245015	3245053	-	6	39	ATG	TGA	0	0	
mORF_-_3245054	3245054	3245116	-	6	63	ATG	TGA	0	0	
mORF_-_3245186	3245186	3245221	-	6	36	ATG	TGA	0	0	
mORF_-_3245261	3245261	3245287	-	6	27	TTG	TGA	0	0	
mORF_-_3245294	3245294	3245380	-	6	87	TTG	TGA	0	0	
mORF_-_3245302	3245302	3245313	-	5	12	TTG	TAG	0	0	
mORF_-_3245377	3245377	3245628	-	5	252	TTG	TGA	0	0	
mORF_-_3245390	3245390	3245554	-	6	165	ATG	TAG	0	0	
mORF_-_3245394	3245394	3245420	-	4	27	ATG	TAG	0	0	
mORF_-_3245517	3245517	3245600	-	4	84	TTG	TGA	0	0	
mORF_-_3245613	3245613	3245618	-	4	6	TTG	TAA	0	0	
mORF_-_3245636	3245636	3245749	-	6	114	ATG	TAA	0	0	
mORF_-_3245656	3245656	3245664	-	5	9	GTG	TAA	0	0	
mORF_-_3245661	3245661	3245861	-	4	201	ATG	TGA	0	0	
mORF_-_3245701	3245701	3245736	-	5	36	ATG	TGA	0	0	
mORF_-_3245753	3245753	3245821	-	6	69	TTG	TAA	0	0	
mORF_-_3245779	3245779	3245874	-	5	96	ATG	TGA	0	0	
mORF_-_3245951	3245951	3246094	-	6	144	TTG	TAA	0	0	
mORF_-_3246048	3246048	3246137	-	4	90	GTG	TGA	0	0	
mORF_-_3246058	3246058	3246087	-	5	30	GTG	TGA	0	0	
mORF_-_3246101	3246101	3246109	-	6	9	ATG	TAG	0	0	
mORF_-_3246110	3246110	3246157	-	6	48	GTG	TAA	0	0	
mORF_-_3246198	3246198	3246206	-	4	9	GTG	TGA	0	0	
mORF_-_3246253	3246253	3246264	-	5	12	TTG	TGA	0	0	
mORF_-_3246261	3246261	3246365	-	4	105	ATG	TGA	0	0	
mORF_-_3246310	3246310	3246528	-	5	219	GTG	TAA	0	0	

mORF_-_3246425	3246425	3246466	-	6	42	TTG	TAA	0	0
mORF_-_3246512	3246512	3246595	-	6	84	TTG	TAA	0	0
mORF_-_3246567	3246567	3246623	-	4	57	TTG	TAG	0	0
mORF_-_3246592	3246592	3246600	-	5	9	GTG	TGA	0	0
mORF_-_3246620	3246620	3246646	-	6	27	ATG	TGA	0	0
mORF_-_3246643	3246643	3246684	-	5	42	GTG	TGA	0	0
mORF_-_3246689	3246689	3246757	-	6	69	ATG	TAA	0	0
mORF_-_3246693	3246693	3246749	-	4	57	ATG	TAA	0	0
mORF_-_3246760	3246760	3246783	-	5	24	TTG	TAG	0	0
mORF_-_3246815	3246815	3246832	-	6	18	ATG	TAA	0	0
mORF_-_3246829	3246829	3246924	-	5	96	GTG	TGA	0	0
mORF_-_3246852	3246852	3246869	-	4	18	GTG	TAA	0	0
mORF_-_3246870	3246870	3246887	-	4	18	GTG	TGA	0	0
mORF_-_3246884	3246884	3246946	-	6	63	TTG	TGA	0	0
mORF_-_3246924	3246924	3247004	-	4	81	ATG	TAG	0	0
mORF_-_3246971	3246971	3246988	-	6	18	TTG	TGA	0	0
mORF_-_3247009	3247009	3247116	-	5	108	TTG	TAA	0	0
mORF_-_3247044	3247044	3247052	-	4	9	GTG	TAA	0	0
mORF_-_3247094	3247094	3247216	-	6	123	TTG	TGA	0	0
mORF_-_3247098	3247098	3247169	-	4	72	TTG	TAG	0	0
mORF_-_3247174	3247174	3247248	-	5	75	TTG	TGA	0	0
mORF_-_3247200	3247200	3247295	-	4	96	TTG	TGA	0	0
mORF_-_3247252	3247252	3247269	-	5	18	TTG	TAA	0	0
mORF_-_3247356	3247356	3247373	-	4	18	GTG	TAG	0	0
mORF_-_3247361	3247361	3247366	-	6	6	TTG	TGA	0	0
mORF_-_3247373	3247373	3247423	-	6	51	ATG	TAG	0	0
mORF_-_3247381	3247381	3247521	-	5	141	TTG	TGA	0	0
mORF_-_3247470	3247470	3247715	-	4	246	GTG	TAA	0	0
mORF_-_3247475	3247475	3247588	-	6	114	TTG	TGA	0	0
mORF_-_3247549	3247549	3247653	-	5	105	ATG	TAA	0	0
mORF_-_3247699	3247699	3247851	-	5	153	TTG	TAA	0	0
mORF_-_3247703	3247703	3247726	-	6	24	GTG	TAA	0	0
mORF_-_3247719	3247719	3247778	-	4	60	ATG	TGA	0	0
mORF_-_3247775	3247775	3247891	-	6	117	ATG	TGA	0	0
mORF_-_3247848	3247848	3247970	-	4	123	GTG	TGA	0	0
mORF_-_3247915	3247915	3247941	-	5	27	TTG	TAG	0	0
mORF_-_3247919	3247919	3247993	-	6	75	GTG	TAA	0	0
mORF_-_3248014	3248014	3248058	-	5	45	ATG	TAG	0	0
mORF_-_3248033	3248033	3248161	-	6	129	TTG	TAG	0	0
mORF_-_3248142	3248142	3248204	-	4	63	TTG	TAA	0	0
mORF_-_3248212	3248212	3248376	-	5	165	TTG	TAA	0	0
mORF_-_3248237	3248237	3248482	-	6	246	ATG	TAG	0	0
mORF_-_3248434	3248434	3248475	-	5	42	TTG	TGA	0	0
mORF_-_3248469	3248469	3248624	-	4	156	ATG	TAG	0	0
mORF_-_3248479	3248479	3248541	-	5	63	GTG	TGA	0	0
mORF_-_3248522	3248522	3248551	-	6	30	TTG	TAG	0	0
mORF_-_3248626	3248626	3248691	-	5	66	TTG	TAA	0	0
mORF_-_3248666	3248666	3248704	-	6	39	TTG	TAA	0	0
mORF_-_3248673	3248673	3248795	-	4	123	GTG	TAG	0	0
mORF_-_3248720	3248720	3248767	-	6	48	TTG	TAA	0	0
mORF_-_3248816	3248816	3248833	-	6	18	ATG	TAA	0	0
mORF_-_3248836	3248836	3248844	-	5	9	GTG	TAA	0	0
mORF_-_3248841	3248841	3248948	-	4	108	ATG	TGA	0	0
mORF_-_3248879	3248879	3248923	-	6	45	TTG	TGA	0	0
mORF_-_3248924	3248924	3248980	-	6	57	GTG	TAA	0	0
mORF_-_3249028	3249028	3249117	-	5	90	TTG	TAG	0	0
mORF_-_3249051	3249051	3249095	-	4	45	TTG	TGA	0	0
mORF_-_3249098	3249098	3249133	-	6	36	ATG	TAG	0	0
mORF_-_3249114	3249114	3249179	-	4	66	GTG	TGA	0	0
mORF_-_3249121	3249121	3249213	-	5	93	ATG	TGA	0	0
mORF_-_3249188	3249188	3249226	-	6	39	GTG	TAA	0	0
mORF_-_3249216	3249216	3249371	-	4	156	GTG	TAG	0	0
mORF_-_3249223	3249223	3249471	-	5	249	GTG	TGA	0	0

mORF_-_3249287	3249287	3249421	-	6	135	GTG	TAA	0	0	
mORF_-_3249423	3249423	3249515	-	4	93	TTG	TAG	0	0	
mORF_-_3249490	3249490	3249573	-	5	84	TTG	TGA	0	0	
mORF_-_3249512	3249512	3249577	-	6	66	TTG	TGA	0	0	
mORF_-_3249603	3249603	3249647	-	4	45	GTG	TAA	0	0	
mORF_-_3249614	3249614	3249700	-	6	87	GTG	TAA	0	0	
mORF_-_3249715	3249715	3249726	-	5	12	ATG	TAA	0	0	
mORF_-_3249729	3249729	3249836	-	4	108	ATG	TAA	0	0	
mORF_-_3249748	3249748	3249945	-	5	198	ATG	TAG	0	0	
mORF_-_3249876	3249876	3249908	-	4	33	TTG	TAG	0	0	
mORF_-_3249930	3249930	3249956	-	4	27	TTG	TAA	0	0	
mORF_-_3249968	3249968	3250042	-	6	75	GTG	TAA	0	0	
mORF_-_3249973	3249973	3250086	-	5	114	ATG	TGA	0	0	
mORF_-_3250064	3250064	3250201	-	6	138	ATG	TAA	0	0	
mORF_-_3250083	3250083	3250148	-	4	66	ATG	TGA	0	0	
mORF_-_3250108	3250108	3250134	-	5	27	ATG	TAA	0	0	
mORF_-_3250135	3250135	3250179	-	5	45	ATG	TGA	0	0	
mORF_-_3250207	3250207	3250221	-	5	15	GTG	TAA	0	0	
mORF_-_3250218	3250218	3250226	-	4	9	GTG	TGA	0	0	
mORF_-_3250231	3250231	3250269	-	5	39	GTG	TAA	0	0	
mORF_-_3250251	3250251	3250265	-	4	15	ATG	TAA	0	0	
mORF_-_3250262	3250262	3250312	-	6	51	TTG	TGA	0	0	
mORF_-_3250291	3250291	3250323	-	5	33	TTG	TAA	0	0	
mORF_-_3250355	3250355	3250486	-	6	132	ATG	TAA	0	0	
mORF_-_3250423	3250423	3250581	-	5	159	GTG	TAA	0	0	
mORF_-_3250455	3250455	3250466	-	4	12	TTG	TAA	0	0	
mORF_-_3250518	3250518	3250553	-	4	36	GTG	TAA	0	0	
mORF_-_3250535	3250535	3250621	-	6	87	ATG	TGA	0	0	
mORF_-_3250627	3250627	3250722	-	5	96	ATG	TAA	0	0	
mORF_-_3250688	3250688	3250696	-	6	9	TTG	TAA	0	0	
mORF_-_3250719	3250719	3250736	-	4	18	ATG	TGA	0	0	
mORF_-_3250767	3250767	3250784	-	4	18	TTG	TAA	0	0	
mORF_-_3250771	3250771	3250887	-	5	117	TTG	TAA	0	0	
mORF_-_3250799	3250799	3250819	-	6	21	ATG	TAA	0	0	
mORF_-_3250829	3250829	3250879	-	6	51	ATG	TAA	0	0	
mORF_-_3250845	3250845	3250910	-	4	66	GTG	TAA	0	0	
mORF_-_3250880	3250880	3250885	-	6	6	GTG	TAA	0	0	
mORF_-_3250931	3250931	3250987	-	6	57	GTG	TAA	0	0	
mORF_-_3250954	3250954	3251055	-	5	102	TTG	TAA	0	0	
mORF_-_3250962	3250962	3251051	-	4	90	ATG	TAA	0	0	
mORF_-_3251048	3251048	3251080	-	6	33	ATG	TGA	0	0	
mORF_-_3251087	3251087	3251107	-	6	21	TTG	TAG	0	0	
mORF_-_3251094	3251094	3251252	-	4	159	TTG	TAA	0	0	
mORF_-_3251143	3251143	3251148	-	5	6	GTG	TAA	0	0	
mORF_-_3251195	3251195	3251284	-	6	90	TTG	TAA	0	0	
mORF_-_3251292	3251292	3251330	-	4	39	TTG	TAA	0	0	
mORF_-_3251324	3251324	3251554	-	6	231	TTG	TAA	0	0	
mORF_-_3251340	3251340	3252236	-	4	897	ATG	TAA	12	58	pORF_-_3251340
mORF_-_3251350	3251350	3251379	-	5	30	GTG	TAA	0	0	
mORF_-_3251600	3251600	3251644	-	6	45	GTG	TGA	0	0	
mORF_-_3251651	3251651	3251656	-	6	6	GTG	TGA	0	0	
mORF_-_3251660	3251660	3251713	-	6	54	TTG	TGA	0	0	
mORF_-_3251701	3251701	3251955	-	5	255	TTG	TGA	1	4	pORF_-_3251701
mORF_-_3251726	3251726	3251794	-	6	69	TTG	TAA	0	0	
mORF_-_3251930	3251930	3251977	-	6	48	ATG	TGA	0	0	
mORF_-_3251984	3251984	3252190	-	6	207	ATG	TGA	0	0	
mORF_-_3252215	3252215	3252247	-	6	33	ATG	TAA	0	0	
mORF_-_3252244	3252244	3252264	-	5	21	ATG	TGA	0	0	
mORF_-_3252248	3252248	3252289	-	6	42	TTG	TGA	0	0	
mORF_-_3252283	3252283	3252312	-	5	30	ATG	TAG	0	0	
mORF_-_3252306	3252306	3252335	-	4	30	TTG	TAA	0	0	
mORF_-_3252332	3252332	3252424	-	6	93	GTG	TGA	0	0	
mORF_-_3252514	3252514	3252582	-	5	69	TTG	TAG	0	0	

mORF_-_3252533	3252533	3252652	-	6	120	GTG	TAA	0	0	
mORF_-_3252640	3252640	3252669	-	5	30	TTG	TAG	0	0	
mORF_-_3252674	3252674	3252763	-	6	90	TTG	TAA	0	0	
mORF_-_3252730	3252730	3252843	-	5	114	TTG	TGA	0	0	
mORF_-_3252744	3252744	3252878	-	4	135	GTG	TAA	0	0	
mORF_-_3252764	3252764	3252802	-	6	39	TTG	TAA	0	0	
mORF_-_3252803	3252803	3252928	-	6	126	ATG	TAA	0	0	
mORF_-_3252925	3252925	3252987	-	5	63	ATG	TGA	0	0	
mORF_-_3252987	3252987	3253010	-	4	24	GTG	TAA	0	0	
mORF_-_3253049	3253049	3253138	-	6	90	TTG	TAA	0	0	
mORF_-_3253219	3253219	3253302	-	5	84	TTG	TAG	0	0	
mORF_-_3253269	3253269	3253274	-	4	6	TTG	TAG	0	0	
mORF_-_3253287	3253287	3253352	-	4	66	TTG	TAA	0	0	
mORF_-_3253295	3253295	3253438	-	6	144	GTG	TAA	0	0	
mORF_-_3253363	3253363	3254673	-	5	1311	ATG	TAA	1	2	pORF_-_3253363
mORF_-_3253428	3253428	3253484	-	4	57	ATG	TAG	0	0	
mORF_-_3253491	3253491	3253505	-	4	15	ATG	TGA	0	0	
mORF_-_3253502	3253502	3253588	-	6	87	TTG	TGA	0	0	
mORF_-_3253515	3253515	3253544	-	4	30	GTG	TAA	0	0	
mORF_-_3253557	3253557	3253583	-	4	27	ATG	TGA	0	0	
mORF_-_3253590	3253590	3253604	-	4	15	ATG	TGA	0	0	
mORF_-_3253611	3253611	3253706	-	4	96	GTG	TGA	0	0	
mORF_-_3253640	3253640	3253708	-	6	69	GTG	TGA	0	0	
mORF_-_3253767	3253767	3253793	-	4	27	ATG	TGA	0	0	
mORF_-_3253865	3253865	3254008	-	6	144	GTG	TAA	0	0	
mORF_-_3253869	3253869	3253904	-	4	36	ATG	TGA	0	0	
mORF_-_3253926	3253926	3253994	-	4	69	TTG	TGA	0	0	
mORF_-_3254009	3254009	3254041	-	6	33	TTG	TAA	0	0	
mORF_-_3254016	3254016	3254039	-	4	24	GTG	TGA	0	0	
mORF_-_3254043	3254043	3254093	-	4	51	ATG	TAA	0	0	
mORF_-_3254111	3254111	3254257	-	6	147	GTG	TGA	0	0	
mORF_-_3254139	3254139	3254363	-	4	225	TTG	TGA	0	0	
mORF_-_3254297	3254297	3254305	-	6	9	TTG	TGA	0	0	
mORF_-_3254385	3254385	3254417	-	4	33	GTG	TGA	0	0	
mORF_-_3254418	3254418	3254441	-	4	24	TTG	TAG	0	0	
mORF_-_3254520	3254520	3254558	-	4	39	TTG	TAG	0	0	
mORF_-_3254588	3254588	3254647	-	6	60	ATG	TGA	0	0	
mORF_-_3254655	3254655	3254729	-	4	75	GTG	TAA	0	0	
mORF_-_3254684	3254684	3254827	-	6	144	GTG	TAA	0	0	
mORF_-_3254701	3254701	3256032	-	5	1332	ATG	TGA	0	0	
mORF_-_3254951	3254951	3255091	-	6	141	GTG	TAA	0	0	
mORF_-_3255021	3255021	3255035	-	4	15	TTG	TAG	0	0	
mORF_-_3255045	3255045	3255056	-	4	12	TTG	TGA	0	0	
mORF_-_3255084	3255084	3255152	-	4	69	ATG	TGA	0	0	
mORF_-_3255159	3255159	3255233	-	4	75	TTG	TAA	0	0	
mORF_-_3255243	3255243	3255278	-	4	36	TTG	TGA	0	0	
mORF_-_3255413	3255413	3255544	-	6	132	TTG	TAA	0	0	
mORF_-_3255546	3255546	3255560	-	4	15	ATG	TGA	0	0	
mORF_-_3255591	3255591	3255620	-	4	30	GTG	TGA	0	0	
mORF_-_3255620	3255620	3255658	-	6	39	TTG	TAG	0	0	
mORF_-_3255669	3255669	3255686	-	4	18	GTG	TAA	0	0	
mORF_-_3255711	3255711	3255812	-	4	102	TTG	TAG	0	0	
mORF_-_3255743	3255743	3255748	-	6	6	ATG	TAA	0	0	
mORF_-_3255770	3255770	3255838	-	6	69	GTG	TAA	0	0	
mORF_-_3255846	3255846	3255887	-	4	42	TTG	TGA	0	0	
mORF_-_3255909	3255909	3255965	-	4	57	GTG	TGA	0	0	
mORF_-_3255923	3255923	3255955	-	6	33	GTG	TGA	0	0	
mORF_-_3255966	3255966	3256046	-	4	81	TTG	TGA	0	0	
mORF_-_3256063	3256063	3256086	-	5	24	TTG	TAA	0	0	
mORF_-_3256122	3256122	3256172	-	4	51	TTG	TAA	0	0	
mORF_-_3256150	3256150	3256281	-	5	132	GTG	TGA	0	0	
mORF_-_3256163	3256163	3256168	-	6	6	TTG	TGA	0	0	
mORF_-_3256209	3256209	3256235	-	4	27	ATG	TAG	0	0	

mORF_-_3256239	3256239	3256304	-	4	66	TTG	TAG	0	0	
mORF_-_3256253	3256253	3256285	-	6	33	TTG	TGA	0	0	
mORF_-_3256307	3256307	3257677	-	6	1371	GTG	TGA	5	0	pORF_-_3256307
mORF_-_3256366	3256366	3256386	-	5	21	ATG	TGA	0	0	
mORF_-_3256399	3256399	3256419	-	5	21	GTG	TGA	0	0	
mORF_-_3256468	3256468	3256521	-	5	54	TTG	TGA	0	0	
mORF_-_3256491	3256491	3256499	-	4	9	GTG	TGA	0	0	
mORF_-_3256534	3256534	3256572	-	5	39	ATG	TGA	0	0	
mORF_-_3256545	3256545	3256577	-	4	33	ATG	TAA	0	0	
mORF_-_3256609	3256609	3256644	-	5	36	TTG	TAA	0	0	
mORF_-_3256687	3256687	3256737	-	5	51	TTG	TGA	0	0	
mORF_-_3256750	3256750	3256809	-	5	60	GTG	TAA	0	0	
mORF_-_3256767	3256767	3256805	-	4	39	GTG	TAA	0	0	
mORF_-_3256825	3256825	3256896	-	5	72	ATG	TAA	0	0	
mORF_-_3256948	3256948	3256968	-	5	21	ATG	TAG	0	0	
mORF_-_3256999	3256999	3257022	-	5	24	ATG	TGA	0	0	
mORF_-_3257026	3257026	3257058	-	5	33	TTG	TGA	0	0	
mORF_-_3257098	3257098	3257130	-	5	33	GTG	TGA	0	0	
mORF_-_3257127	3257127	3257132	-	4	6	GTG	TGA	0	0	
mORF_-_3257137	3257137	3257220	-	5	84	TTG	TGA	0	0	
mORF_-_3257254	3257254	3257304	-	5	51	ATG	TAA	0	0	
mORF_-_3257344	3257344	3257370	-	5	27	GTG	TAG	0	0	
mORF_-_3257410	3257410	3257493	-	5	84	ATG	TAG	0	0	
mORF_-_3257506	3257506	3257538	-	5	33	TTG	TGA	0	0	
mORF_-_3257554	3257554	3257601	-	5	48	ATG	TAA	0	0	
mORF_-_3257602	3257602	3257664	-	5	63	GTG	TGA	0	0	
mORF_-_3257668	3257668	3257736	-	5	69	GTG	TGA	0	0	
mORF_-_3257733	3257733	3257771	-	4	39	TTG	TGA	0	0	
mORF_-_3257743	3257743	3258195	-	5	453	GTG	TAA	9	38	pORF_-_3257743
mORF_-_3257781	3257781	3257888	-	4	108	ATG	TGA	0	0	
mORF_-_3257934	3257934	3257948	-	4	15	TTG	TGA	0	0	
mORF_-_3257976	3257976	3258014	-	4	39	GTG	TAA	0	0	
mORF_-_3258011	3258011	3258028	-	6	18	TTG	TGA	0	0	
mORF_-_3258063	3258063	3258107	-	4	45	GTG	TAG	0	0	
mORF_-_3258068	3258068	3258136	-	6	69	ATG	TGA	0	0	
mORF_-_3258146	3258146	3260440	-	6	2295	ATG	TGA	47	132	pORF_-_3258146
mORF_-_3258199	3258199	3258234	-	5	36	GTG	TGA	0	0	
mORF_-_3258241	3258241	3258276	-	5	36	ATG	TGA	0	0	
mORF_-_3258298	3258298	3258444	-	5	147	ATG	TAA	0	0	
mORF_-_3258481	3258481	3258516	-	5	36	ATG	TGA	0	0	
mORF_-_3258670	3258670	3258699	-	5	30	TTG	TGA	0	0	
mORF_-_3258706	3258706	3258783	-	5	78	GTG	TAG	0	0	
mORF_-_3258780	3258780	3258857	-	4	78	ATG	TGA	0	0	
mORF_-_3258793	3258793	3258879	-	5	87	GTG	TGA	0	0	
mORF_-_3259063	3259063	3259152	-	5	90	TTG	TGA	0	0	
mORF_-_3259153	3259153	3259179	-	5	27	TTG	TGA	0	0	
mORF_-_3259213	3259213	3259284	-	5	72	TTG	TGA	0	0	
mORF_-_3259227	3259227	3259304	-	4	78	TTG	TGA	0	0	
mORF_-_3259414	3259414	3259458	-	5	45	TTG	TGA	0	0	
mORF_-_3259513	3259513	3259617	-	5	105	ATG	TGA	0	0	
mORF_-_3259563	3259563	3259658	-	4	96	GTG	TGA	0	0	
mORF_-_3259627	3259627	3259866	-	5	240	ATG	TGA	0	0	
mORF_-_3259873	3259873	3259917	-	5	45	ATG	TAG	0	0	
mORF_-_3259930	3259930	3260052	-	5	123	ATG	TGA	0	0	
mORF_-_3260074	3260074	3260106	-	5	33	GTG	TGA	0	0	
mORF_-_3260110	3260110	3260232	-	5	123	ATG	TGA	0	0	
mORF_-_3260211	3260211	3260267	-	4	57	GTG	TGA	0	0	
mORF_-_3260254	3260254	3260427	-	5	174	TTG	TAA	0	0	
mORF_-_3260382	3260382	3260396	-	4	15	ATG	TAA	0	0	
mORF_-_3260424	3260424	3260468	-	4	45	TTG	TGA	0	0	
mORF_-_3260455	3260455	3260481	-	5	27	TTG	TAG	0	0	
mORF_-_3260474	3260474	3261694	-	6	1221	ATG	TAA	4	4	pORF_-_3260474
mORF_-_3260506	3260506	3260529	-	5	24	TTG	TAG	0	0	

mORF_-_3260530	3260530	3260604	-	5	75	GTG	TGA	0	0	
mORF_-_3260544	3260544	3260564	-	4	21	TTG	TAA	0	0	
mORF_-_3260623	3260623	3260637	-	5	15	TTG	TGA	0	0	
mORF_-_3260701	3260701	3260844	-	5	144	GTG	TAG	0	0	
mORF_-_3260896	3260896	3260973	-	5	78	GTG	TAG	0	0	
mORF_-_3261007	3261007	3261099	-	5	93	ATG	TGA	0	0	
mORF_-_3261112	3261112	3261180	-	5	69	GTG	TGA	0	0	
mORF_-_3261181	3261181	3261258	-	5	78	TTG	TAG	0	0	
mORF_-_3261189	3261189	3261203	-	4	15	GTG	TGA	0	0	
mORF_-_3261274	3261274	3261312	-	5	39	GTG	TAA	0	0	
mORF_-_3261313	3261313	3261435	-	5	123	TTG	TAA	0	0	
mORF_-_3261436	3261436	3261453	-	5	18	ATG	TAA	0	0	
mORF_-_3261454	3261454	3261483	-	5	30	TTG	TAA	0	0	
mORF_-_3261490	3261490	3261540	-	5	51	ATG	TGA	0	0	
mORF_-_3261541	3261541	3261582	-	5	42	TTG	TAA	0	0	
mORF_-_3261592	3261592	3261678	-	5	87	ATG	TAA	0	0	
mORF_-_3261708	3261708	3263039	-	4	1332	ATG	TAA	1	7	pORF_-_3261708
mORF_-_3261740	3261740	3261751	-	6	12	TTG	TGA	0	0	
mORF_-_3261752	3261752	3261874	-	6	123	TTG	TGA	0	0	
mORF_-_3261808	3261808	3261837	-	5	30	GTG	TAA	0	0	
mORF_-_3261875	3261875	3261910	-	6	36	TTG	TGA	0	0	
mORF_-_3261950	3261950	3261994	-	6	45	TTG	TGA	0	0	
mORF_-_3261998	3261998	3262012	-	6	15	ATG	TGA	0	0	
mORF_-_3262013	3262013	3262090	-	6	78	ATG	TGA	0	0	
mORF_-_3262127	3262127	3262231	-	6	105	TTG	TGA	0	0	
mORF_-_3262222	3262222	3262287	-	5	66	ATG	TAG	0	0	
mORF_-_3262238	3262238	3262249	-	6	12	TTG	TGA	0	0	
mORF_-_3262253	3262253	3262333	-	6	81	GTG	TGA	0	0	
mORF_-_3262415	3262415	3262429	-	6	15	ATG	TGA	0	0	
mORF_-_3262436	3262436	3262459	-	6	24	TTG	TAA	0	0	
mORF_-_3262456	3262456	3262536	-	5	81	ATG	TGA	0	0	
mORF_-_3262562	3262562	3262576	-	6	15	TTG	TGA	0	0	
mORF_-_3262570	3262570	3262716	-	5	147	TTG	TAA	0	0	
mORF_-_3262595	3262595	3262621	-	6	27	TTG	TGA	0	0	
mORF_-_3262631	3262631	3262642	-	6	12	TTG	TGA	0	0	
mORF_-_3262667	3262667	3262765	-	6	99	TTG	TGA	0	0	
mORF_-_3262804	3262804	3262971	-	5	168	ATG	TAA	0	0	
mORF_-_3262892	3262892	3262954	-	6	63	TTG	TGA	0	0	
mORF_-_3262961	3262961	3263020	-	6	60	TTG	TAG	0	0	
mORF_-_3263023	3263023	3263052	-	5	30	TTG	TAG	0	0	
mORF_-_3263057	3263057	3263071	-	6	15	TTG	TAA	0	0	
mORF_-_3263061	3263061	3264050	-	4	990	ATG	TAA	2	19	pORF_-_3263061
mORF_-_3263164	3263164	3263187	-	5	24	ATG	TAA	0	0	
mORF_-_3263171	3263171	3263185	-	6	15	GTG	TAA	0	0	
mORF_-_3263231	3263231	3263239	-	6	9	TTG	TAA	0	0	
mORF_-_3263240	3263240	3263284	-	6	45	ATG	TGA	0	0	
mORF_-_3263288	3263288	3263296	-	6	9	GTG	TAG	0	0	
mORF_-_3263312	3263312	3263344	-	6	33	ATG	TAA	0	0	
mORF_-_3263335	3263335	3263340	-	5	6	TTG	TGA	0	0	
mORF_-_3263375	3263375	3263485	-	6	111	TTG	TAA	0	0	
mORF_-_3263486	3263486	3263512	-	6	27	TTG	TAA	0	0	
mORF_-_3263513	3263513	3263575	-	6	63	TTG	TGA	0	0	
mORF_-_3263576	3263576	3263629	-	6	54	TTG	TGA	0	0	
mORF_-_3263636	3263636	3263671	-	6	36	ATG	TGA	0	0	
mORF_-_3263665	3263665	3263700	-	5	36	GTG	TGA	0	0	
mORF_-_3263708	3263708	3263728	-	6	21	GTG	TAG	0	0	
mORF_-_3263738	3263738	3263839	-	6	102	ATG	TGA	0	0	
mORF_-_3263852	3263852	3263908	-	6	57	TTG	TAA	0	0	
mORF_-_3263912	3263912	3264025	-	6	114	TTG	TGA	0	0	
mORF_-_3263923	3263923	3263934	-	5	12	TTG	TGA	0	0	
mORF_-_3264050	3264050	3264106	-	6	57	TTG	TAA	0	0	
mORF_-_3264121	3264121	3264156	-	5	36	TTG	TAA	0	0	
mORF_-_3264149	3264149	3265087	-	6	939	ATG	TAG	1	2	pORF_-_3264149

mORF_-_3264163	3264163	3264186	-	5	24	ATG	TAA	0	0
mORF_-_3264177	3264177	3264182	-	4	6	GTG	TAG	0	0
mORF_-_3264208	3264208	3264327	-	5	120	TTG	TAG	0	0
mORF_-_3264237	3264237	3264260	-	4	24	ATG	TAA	0	0
mORF_-_3264337	3264337	3264345	-	5	9	GTG	TGA	0	0
mORF_-_3264342	3264342	3264347	-	4	6	TTG	TGA	0	0
mORF_-_3264358	3264358	3264381	-	5	24	TTG	TAA	0	0
mORF_-_3264394	3264394	3264438	-	5	45	ATG	TGA	0	0
mORF_-_3264480	3264480	3264542	-	4	63	ATG	TAA	0	0
mORF_-_3264559	3264559	3264597	-	5	39	ATG	TAG	0	0
mORF_-_3264613	3264613	3264624	-	5	12	GTG	TGA	0	0
mORF_-_3264625	3264625	3264696	-	5	72	ATG	TAA	0	0
mORF_-_3264742	3264742	3264768	-	5	27	TTG	TGA	0	0
mORF_-_3264769	3264769	3264786	-	5	18	TTG	TGA	0	0
mORF_-_3264823	3264823	3264831	-	5	9	ATG	TAA	0	0
mORF_-_3264844	3264844	3264852	-	5	9	GTG	TGA	0	0
mORF_-_3264904	3264904	3264909	-	5	6	GTG	TAA	0	0
mORF_-_3264928	3264928	3264954	-	5	27	TTG	TAG	0	0
mORF_-_3264994	3264994	3265026	-	5	33	GTG	TAG	0	0
mORF_-_3265103	3265103	3265165	-	6	63	GTG	TAA	0	0
mORF_-_3265129	3265129	3265161	-	5	33	GTG	TGA	0	0
mORF_-_3265162	3265162	3265179	-	5	18	TTG	TGA	0	0
mORF_-_3265200	3265200	3265205	-	4	6	TTG	TAA	0	0
mORF_-_3265206	3265206	3265229	-	4	24	TTG	TAA	0	0
mORF_-_3265223	3265223	3265270	-	6	48	TTG	TGA	0	0
mORF_-_3265231	3265231	3265251	-	5	21	ATG	TAA	0	0
mORF_-_3265245	3265245	3265292	-	4	48	ATG	TGA	0	0
mORF_-_3265267	3265267	3265362	-	5	96	TTG	TGA	0	0
mORF_-_3265296	3265296	3265313	-	4	18	ATG	TAA	0	0
mORF_-_3265317	3265317	3265358	-	4	42	TTG	TAA	0	0
mORF_-_3265325	3265325	3265351	-	6	27	ATG	TAA	0	0
mORF_-_3265355	3265355	3265417	-	6	63	TTG	TGA	0	0
mORF_-_3265374	3265374	3265409	-	4	36	TTG	TAA	0	0
mORF_-_3265424	3265424	3265477	-	6	54	GTG	TAA	0	0
mORF_-_3265441	3265441	3265467	-	5	27	GTG	TGA	0	0
mORF_-_3265464	3265464	3265469	-	4	6	ATG	TGA	0	0
mORF_-_3265474	3265474	3265500	-	5	27	ATG	TGA	0	0
mORF_-_3265479	3265479	3265496	-	4	18	TTG	TAG	0	0
mORF_-_3265501	3265501	3265554	-	5	54	TTG	TAA	0	0
mORF_-_3265517	3265517	3265534	-	6	18	ATG	TAA	0	0
mORF_-_3265542	3265542	3265718	-	4	177	TTG	TGA	0	0
mORF_-_3265565	3265565	3265756	-	6	192	GTG	TGA	0	0
mORF_-_3265666	3265666	3265671	-	5	6	TTG	TGA	0	0
mORF_-_3265702	3265702	3265839	-	5	138	ATG	TGA	0	0
mORF_-_3265728	3265728	3265856	-	4	129	ATG	TGA	0	0
mORF_-_3265853	3265853	3265924	-	6	72	TTG	TGA	0	0
mORF_-_3265873	3265873	3265908	-	5	36	GTG	TGA	0	0
mORF_-_3265905	3265905	3265943	-	4	39	TTG	TGA	0	0
mORF_-_3265912	3265912	3265947	-	5	36	GTG	TGA	0	0
mORF_-_3265944	3265944	3265949	-	4	6	TTG	TGA	0	0
mORF_-_3265962	3265962	3266006	-	4	45	TTG	TAA	0	0
mORF_-_3266012	3266012	3266071	-	6	60	ATG	TAA	0	0
mORF_-_3266053	3266053	3266184	-	5	132	TTG	TAA	0	0
mORF_-_3266082	3266082	3266141	-	4	60	ATG	TGA	0	0
mORF_-_3266102	3266102	3266137	-	6	36	ATG	TGA	0	0
mORF_-_3266172	3266172	3266351	-	4	180	ATG	TAA	0	0
mORF_-_3266177	3266177	3266209	-	6	33	GTG	TGA	0	0
mORF_-_3266188	3266188	3266223	-	5	36	TTG	TAA	0	0
mORF_-_3266279	3266279	3266293	-	6	15	TTG	TAG	0	0
mORF_-_3266317	3266317	3266334	-	5	18	GTG	TAA	0	0
mORF_-_3266351	3266351	3266386	-	6	36	GTG	TAA	0	0
mORF_-_3266356	3266356	3266370	-	5	15	TTG	TGA	0	0
mORF_-_3266383	3266383	3266394	-	5	12	ATG	TGA	0	0

mORF_-_3266409	3266409	3266630	-	4	222	GTG	TAA	0	0	
mORF_-_3266420	3266420	3266455	-	6	36	TTG	TAA	0	0	
mORF_-_3266468	3266468	3266545	-	6	78	GTG	TAA	0	0	
mORF_-_3266602	3266602	3266643	-	5	42	TTG	TAA	0	0	
mORF_-_3266659	3266659	3266664	-	5	6	TTG	TAA	0	0	
mORF_-_3266707	3266707	3266733	-	5	27	TTG	TAA	0	0	
mORF_-_3266730	3266730	3266807	-	4	78	TTG	TGA	0	0	
mORF_-_3266810	3266810	3266821	-	6	12	ATG	TAA	0	0	
mORF_-_3266832	3266832	3266837	-	4	6	TTG	TAA	0	0	
mORF_-_3266923	3266923	3266952	-	5	30	ATG	TAA	0	0	
mORF_-_3266931	3266931	3267014	-	4	84	ATG	TAA	0	0	
mORF_-_3266978	3266978	3266995	-	6	18	TTG	TAA	0	0	
mORF_-_3267018	3267018	3267053	-	4	36	GTG	TGA	0	0	
mORF_-_3267032	3267032	3267055	-	6	24	TTG	TAA	0	0	
mORF_-_3267037	3267037	3267045	-	5	9	TTG	TGA	0	0	
mORF_-_3267066	3267066	3267293	-	4	228	TTG	TAA	0	0	
mORF_-_3267148	3267148	3267180	-	5	33	TTG	TAA	0	0	
mORF_-_3267188	3267188	3267202	-	6	15	TTG	TAA	0	0	
mORF_-_3267212	3267212	3267226	-	6	15	TTG	TAG	0	0	
mORF_-_3267230	3267230	3267280	-	6	51	ATG	TAA	0	0	
mORF_-_3267308	3267308	3267337	-	6	30	ATG	TAA	0	0	
mORF_-_3267337	3267337	3267420	-	5	84	TTG	TGA	0	0	
mORF_-_3267354	3267354	3267371	-	4	18	ATG	TAA	0	0	
mORF_-_3267378	3267378	3267392	-	4	15	TTG	TAA	0	0	
mORF_-_3267426	3267426	3267542	-	4	117	GTG	TAA	0	0	
mORF_-_3267455	3267455	3267553	-	6	99	ATG	TAG	0	0	
mORF_-_3267559	3267559	3267570	-	5	12	TTG	TGA	0	0	
mORF_-_3267575	3267575	3267619	-	6	45	TTG	TAA	0	0	
mORF_-_3267638	3267638	3267643	-	6	6	TTG	TAA	0	0	
mORF_-_3267653	3267653	3267676	-	6	24	ATG	TAA	0	0	
mORF_-_3267673	3267673	3267699	-	5	27	TTG	TGA	0	0	
mORF_-_3267678	3267678	3267863	-	4	186	TTG	TAA	0	0	
mORF_-_3267704	3267704	3267856	-	6	153	GTG	TGA	0	0	
mORF_-_3267769	3267769	3267777	-	5	9	ATG	TAG	0	0	
mORF_-_3267826	3267826	3267954	-	5	129	ATG	TGA	0	0	
mORF_-_3267857	3267857	3267958	-	6	102	ATG	TGA	0	0	
mORF_-_3267951	3267951	3268067	-	4	117	ATG	TGA	0	0	
mORF_-_3267955	3267955	3268071	-	5	117	ATG	TGA	0	0	
mORF_-_3268064	3268064	3268180	-	6	117	ATG	TGA	0	0	
mORF_-_3268068	3268068	3268184	-	4	117	ATG	TGA	0	0	
mORF_-_3268177	3268177	3268281	-	5	105	ATG	TGA	0	0	
mORF_-_3268181	3268181	3268285	-	6	105	ATG	TGA	0	0	
mORF_-_3268282	3268282	3268305	-	5	24	GTG	TGA	0	0	
mORF_-_3268286	3268286	3268297	-	6	12	TTG	TAG	0	0	
mORF_-_3268302	3268302	3268313	-	4	12	TTG	TGA	0	0	
mORF_-_3268382	3268382	3268393	-	6	12	GTG	TAA	0	0	
mORF_-_3268400	3268400	3268438	-	6	39	GTG	TAA	0	0	
mORF_-_3268422	3268422	3268526	-	4	105	GTG	TAA	0	0	
mORF_-_3268441	3268441	3268467	-	5	27	ATG	TAA	0	0	
mORF_-_3268516	3268516	3268650	-	5	135	GTG	TAA	0	0	
mORF_-_3268607	3268607	3268717	-	6	111	ATG	TGA	0	0	
mORF_-_3268647	3268647	3269873	-	4	1227	ATG	TGA	2	13	pORF_-_3268647
mORF_-_3268757	3268757	3268810	-	6	54	ATG	TGA	0	0	
mORF_-_3268814	3268814	3268834	-	6	21	TTG	TGA	0	0	
mORF_-_3268835	3268835	3268921	-	6	87	GTG	TGA	0	0	
mORF_-_3268918	3268918	3268941	-	5	24	TTG	TGA	0	0	
mORF_-_3268964	3268964	3268993	-	6	30	GTG	TGA	0	0	
mORF_-_3268997	3268997	3269011	-	6	15	TTG	TGA	0	0	
mORF_-_3269021	3269021	3269065	-	6	45	ATG	TAA	0	0	
mORF_-_3269069	3269069	3269137	-	6	69	TTG	TGA	0	0	
mORF_-_3269138	3269138	3269218	-	6	81	GTG	TGA	0	0	
mORF_-_3269215	3269215	3269238	-	5	24	TTG	TGA	0	0	
mORF_-_3269243	3269243	3269278	-	6	36	ATG	TAA	0	0	

mORF_-_3269279	3269279	3269419	-	6	141	GTG	TGA	0	0	
mORF_-_3269314	3269314	3269334	-	5	21	ATG	TGA	0	0	
mORF_-_3269468	3269468	3269572	-	6	105	ATG	TGA	0	0	
mORF_-_3269527	3269527	3269565	-	5	39	TTG	TGA	0	0	
mORF_-_3269573	3269573	3269635	-	6	63	TTG	TGA	0	0	
mORF_-_3269636	3269636	3269695	-	6	60	ATG	TGA	0	0	
mORF_-_3269723	3269723	3269737	-	6	15	TTG	TAG	0	0	
mORF_-_3269804	3269804	3269881	-	6	78	GTG	TAA	0	0	
mORF_-_3269833	3269833	3269931	-	5	99	GTG	TAA	0	0	
mORF_-_3269889	3269889	3270788	-	4	900	ATG	TAA	5	24	pORF_-_3269889
mORF_-_3269957	3269957	3269965	-	6	9	ATG	TAG	0	0	
mORF_-_3269984	3269984	3270076	-	6	93	TTG	TGA	0	0	
mORF_-_3270107	3270107	3270154	-	6	48	GTG	TGA	0	0	
mORF_-_3270209	3270209	3270232	-	6	24	TTG	TAA	0	0	
mORF_-_3270236	3270236	3270283	-	6	48	GTG	TGA	0	0	
mORF_-_3270326	3270326	3270334	-	6	9	ATG	TGA	0	0	
mORF_-_3270371	3270371	3270406	-	6	36	GTG	TGA	0	0	
mORF_-_3270413	3270413	3270436	-	6	24	TTG	TGA	0	0	
mORF_-_3270449	3270449	3270469	-	6	21	GTG	TGA	0	0	
mORF_-_3270503	3270503	3270547	-	6	45	GTG	TGA	0	0	
mORF_-_3270544	3270544	3270606	-	5	63	GTG	TGA	0	0	
mORF_-_3270563	3270563	3270568	-	6	6	ATG	TGA	0	0	
mORF_-_3270590	3270590	3270655	-	6	66	TTG	TAA	0	0	
mORF_-_3270656	3270656	3270691	-	6	36	TTG	TGA	0	0	
mORF_-_3270728	3270728	3270766	-	6	39	TTG	TGA	0	0	
mORF_-_3270776	3270776	3270784	-	6	9	TTG	TGA	0	0	
mORF_-_3270781	3270781	3271014	-	5	234	ATG	TGA	0	0	
mORF_-_3270809	3270809	3271579	-	6	771	ATG	TAA	0	0	
mORF_-_3270825	3270825	3270896	-	4	72	ATG	TGA	0	0	
mORF_-_3271069	3271069	3271095	-	5	27	ATG	TAG	0	0	
mORF_-_3271123	3271123	3271185	-	5	63	TTG	TAG	0	0	
mORF_-_3271279	3271279	3271284	-	5	6	TTG	TAG	0	0	
mORF_-_3271393	3271393	3271569	-	5	177	ATG	TAA	0	0	
mORF_-_3271494	3271494	3271514	-	4	21	TTG	TAA	0	0	
mORF_-_3271576	3271576	3271629	-	5	54	TTG	TGA	0	0	
mORF_-_3271595	3271595	3272929	-	6	1335	ATG	TAA	0	0	
mORF_-_3271617	3271617	3271670	-	4	54	ATG	TAA	0	0	
mORF_-_3271657	3271657	3271710	-	5	54	GTG	TGA	0	0	
mORF_-_3271711	3271711	3271725	-	5	15	TTG	TAA	0	0	
mORF_-_3271726	3271726	3271794	-	5	69	TTG	TGA	0	0	
mORF_-_3271819	3271819	3271854	-	5	36	TTG	TGA	0	0	
mORF_-_3271870	3271870	3271947	-	5	78	TTG	TGA	0	0	
mORF_-_3271905	3271905	3271910	-	4	6	ATG	TAA	0	0	
mORF_-_3271956	3271956	3272039	-	4	84	GTG	TAA	0	0	
mORF_-_3271990	3271990	3272037	-	5	48	GTG	TGA	0	0	
mORF_-_3272176	3272176	3272274	-	5	99	ATG	TGA	0	0	
mORF_-_3272328	3272328	3272348	-	4	21	GTG	TAA	0	0	
mORF_-_3272356	3272356	3272370	-	5	15	TTG	TGA	0	0	
mORF_-_3272416	3272416	3272700	-	5	285	TTG	TGA	0	0	
mORF_-_3272725	3272725	3272778	-	5	54	GTG	TGA	0	0	
mORF_-_3272779	3272779	3272856	-	5	78	TTG	TAA	0	0	
mORF_-_3272875	3272875	3272913	-	5	39	TTG	TAA	0	0	
mORF_-_3272931	3272931	3272996	-	4	66	ATG	TAA	0	0	
mORF_-_3272980	3272980	3273063	-	5	84	TTG	TAA	0	0	
mORF_-_3272993	3272993	3273013	-	6	21	TTG	TGA	0	0	
mORF_-_3272997	3272997	3273056	-	4	60	ATG	TAA	0	0	
mORF_-_3273082	3273082	3273111	-	5	30	GTG	TAG	0	0	
mORF_-_3273093	3273093	3273113	-	4	21	ATG	TAA	0	0	
mORF_-_3273125	3273125	3273187	-	6	63	ATG	TAG	0	0	
mORF_-_3273145	3273145	3273168	-	5	24	TTG	TAA	0	0	
mORF_-_3273150	3273150	3273194	-	4	45	GTG	TAA	0	0	
mORF_-_3273191	3273191	3273196	-	6	6	ATG	TGA	0	0	
mORF_-_3273205	3273205	3273243	-	5	39	ATG	TAA	0	0	

mORF_-_3273222	3273222	3273230	-	4	9	GTG	TAA	0	0	
mORF_-_3273227	3273227	3273304	-	6	78	TTG	TGA	0	0	
mORF_-_3273268	3273268	3273360	-	5	93	GTG	TGA	0	0	
mORF_-_3273273	3273273	3273314	-	4	42	ATG	TAA	0	0	
mORF_-_3273320	3273320	3273379	-	6	60	TTG	TGA	0	0	
mORF_-_3273357	3273357	3273482	-	4	126	ATG	TGA	0	0	
mORF_-_3273386	3273386	3273472	-	6	87	ATG	TAA	0	0	
mORF_-_3273436	3273436	3273462	-	5	27	ATG	TAA	0	0	
mORF_-_3273500	3273500	3273619	-	6	120	TTG	TAA	0	0	
mORF_-_3273525	3273525	3273659	-	4	135	GTG	TAA	0	0	
mORF_-_3273598	3273598	3273603	-	5	6	GTG	TAA	0	0	
mORF_-_3273637	3273637	3273732	-	5	96	GTG	TAA	0	0	
mORF_-_3273669	3273669	3273722	-	4	54	GTG	TAG	0	0	
mORF_-_3273753	3273753	3273770	-	4	18	ATG	TAG	0	0	
mORF_-_3273784	3273784	3274098	-	5	315	ATG	TAG	0	0	
mORF_-_3273825	3273825	3273887	-	4	63	ATG	TGA	0	0	
mORF_-_3273851	3273851	3273859	-	6	9	GTG	TAA	0	0	
mORF_-_3273888	3273888	3274022	-	4	135	ATG	TGA	0	0	
mORF_-_3274025	3274025	3274306	-	6	282	GTG	TGA	0	0	
mORF_-_3274056	3274056	3274064	-	4	9	ATG	TGA	0	0	
mORF_-_3274099	3274099	3274116	-	5	18	TTG	TAG	0	0	
mORF_-_3274215	3274215	3274331	-	4	117	TTG	TAG	0	0	
mORF_-_3274261	3274261	3274512	-	5	252	TTG	TGA	0	0	
mORF_-_3274365	3274365	3274463	-	4	99	ATG	TAG	0	0	
mORF_-_3274370	3274370	3274453	-	6	84	GTG	TGA	0	0	
mORF_-_3274466	3274466	3274486	-	6	21	TTG	TAG	0	0	
mORF_-_3274531	3274531	3274605	-	5	75	TTG	TAA	0	0	
mORF_-_3274536	3274536	3274727	-	4	192	ATG	TAA	0	0	
mORF_-_3274658	3274658	3274669	-	6	12	TTG	TAA	0	0	
mORF_-_3274702	3274702	3274899	-	5	198	TTG	TAA	0	0	
mORF_-_3274821	3274821	3274904	-	4	84	ATG	TGA	0	0	
mORF_-_3274853	3274853	3274948	-	6	96	ATG	TAA	0	0	
mORF_-_3274948	3274948	3274965	-	5	18	ATG	TAA	0	0	
mORF_-_3274970	3274970	3275047	-	6	78	GTG	TAA	0	0	
mORF_-_3274981	3274981	3275025	-	5	45	ATG	TAA	0	0	
mORF_-_3275031	3275031	3275069	-	4	39	TTG	TAG	0	0	
mORF_-_3275044	3275044	3275148	-	5	105	ATG	TGA	0	0	
mORF_-_3275066	3275066	3275089	-	6	24	TTG	TGA	0	0	
mORF_-_3275073	3275073	3275093	-	4	21	TTG	TGA	0	0	
mORF_-_3275120	3275120	3275371	-	6	252	GTG	TAA	0	0	
mORF_-_3275212	3275212	3275289	-	5	78	ATG	TGA	0	0	
mORF_-_3275217	3275217	3275282	-	4	66	ATG	TAG	0	0	
mORF_-_3275290	3275290	3275373	-	5	84	TTG	TGA	0	0	
mORF_-_3275378	3275378	3275497	-	6	120	TTG	TAA	0	0	
mORF_-_3275392	3275392	3275403	-	5	12	ATG	TAG	0	0	
mORF_-_3275478	3275478	3275546	-	4	69	TTG	TGA	0	0	
mORF_-_3275500	3275500	3275535	-	5	36	ATG	TAA	0	0	
mORF_-_3275543	3275543	3275611	-	6	69	GTG	TGA	0	0	
mORF_-_3275554	3275554	3275571	-	5	18	ATG	TGA	0	0	
mORF_-_3275568	3275568	3275576	-	4	9	TTG	TGA	0	0	
mORF_-_3275652	3275652	3275714	-	4	63	GTG	TAA	0	0	
mORF_-_3275736	3275736	3275798	-	4	63	GTG	TAG	0	0	
mORF_-_3275758	3275758	3275820	-	5	63	ATG	TAA	0	0	
mORF_-_3275795	3275795	3275881	-	6	87	GTG	TGA	0	0	
mORF_-_3275830	3275830	3275871	-	5	42	ATG	TGA	0	0	
mORF_-_3275878	3275878	3276687	-	5	810	ATG	TGA	4	12	pORF_-_3275878
mORF_-_3275895	3275895	3275957	-	4	63	TTG	TGA	0	0	
mORF_-_3275961	3275961	3276050	-	4	90	TTG	TGA	0	0	
mORF_-_3276014	3276014	3276058	-	6	45	GTG	TAA	0	0	
mORF_-_3276069	3276069	3276125	-	4	57	ATG	TAA	0	0	
mORF_-_3276126	3276126	3276134	-	4	9	TTG	TAG	0	0	
mORF_-_3276228	3276228	3276263	-	4	36	ATG	TGA	0	0	
mORF_-_3276285	3276285	3276293	-	4	9	TTG	TGA	0	0	

mORF_-_3276315	3276315	3276332	-	4	18	TTG	TGA	0	0
mORF_-_3276378	3276378	3276401	-	4	24	TTG	TGA	0	0
mORF_-_3276480	3276480	3276500	-	4	21	GTG	TGA	0	0
mORF_-_3276549	3276549	3276596	-	4	48	GTG	TGA	0	0
mORF_-_3276651	3276651	3276665	-	4	15	GTG	TGA	0	0
mORF_-_3276680	3276680	3276718	-	6	39	ATG	TAA	0	0
mORF_-_3276715	3276715	3276774	-	5	60	ATG	TGA	0	0
mORF_-_3276732	3276732	3276782	-	4	51	TTG	TAA	0	0
mORF_-_3276746	3276746	3276808	-	6	63	ATG	TAA	0	0
mORF_-_3276831	3276831	3276893	-	4	63	TTG	TGA	0	0
mORF_-_3276860	3276860	3276871	-	6	12	ATG	TAA	0	0
mORF_-_3276865	3276865	3277251	-	5	387	TTG	TGA	0	0
mORF_-_3276881	3276881	3276979	-	6	99	TTG	TGA	0	0
mORF_-_3276903	3276903	3277058	-	4	156	TTG	TAA	0	0
mORF_-_3277040	3277040	3277087	-	6	48	TTG	TAG	0	0
mORF_-_3277065	3277065	3277310	-	4	246	GTG	TAA	0	0
mORF_-_3277244	3277244	3277258	-	6	15	TTG	TGA	0	0
mORF_-_3277280	3277280	3277324	-	6	45	ATG	TAG	0	0
mORF_-_3277331	3277331	3277534	-	6	204	GTG	TGA	0	0
mORF_-_3277350	3277350	3277484	-	4	135	ATG	TAA	0	0
mORF_-_3277491	3277491	3277634	-	4	144	GTG	TAA	0	0
mORF_-_3277507	3277507	3277590	-	5	84	GTG	TGA	0	0
mORF_-_3277550	3277550	3277597	-	6	48	ATG	TGA	0	0
mORF_-_3277631	3277631	3277639	-	6	9	TTG	TGA	0	0
mORF_-_3277652	3277652	3277663	-	6	12	TTG	TGA	0	0
mORF_-_3277674	3277674	3278042	-	4	369	ATG	TAA	0	0
mORF_-_3277723	3277723	3278070	-	5	348	TTG	TAG	0	0
mORF_-_3277733	3277733	3277780	-	6	48	ATG	TGA	0	0
mORF_-_3277937	3277937	3277954	-	6	18	TTG	TAG	0	0
mORF_-_3278039	3278039	3278164	-	6	126	TTG	TGA	0	0
mORF_-_3278064	3278064	3278225	-	4	162	TTG	TGA	0	0
mORF_-_3278086	3278086	3278148	-	5	63	GTG	TGA	0	0
mORF_-_3278161	3278161	3278235	-	5	75	GTG	TGA	0	0
mORF_-_3278171	3278171	3278197	-	6	27	GTG	TGA	0	0
mORF_-_3278237	3278237	3278323	-	6	87	TTG	TAG	0	0
mORF_-_3278254	3278254	3278583	-	5	330	TTG	TAA	0	0
mORF_-_3278298	3278298	3278447	-	4	150	ATG	TGA	0	0
mORF_-_3278435	3278435	3278494	-	6	60	GTG	TAA	0	0
mORF_-_3278448	3278448	3278555	-	4	108	TTG	TGA	0	0
mORF_-_3278543	3278543	3278626	-	6	84	ATG	TAA	0	0
mORF_-_3278562	3278562	3278591	-	4	30	TTG	TAG	0	0
mORF_-_3278704	3278704	3279270	-	5	567	TTG	TAA	0	0
mORF_-_3278730	3278730	3278747	-	4	18	ATG	TGA	0	0
mORF_-_3278790	3278790	3278930	-	4	141	GTG	TAA	0	0
mORF_-_3278798	3278798	3278863	-	6	66	ATG	TAG	0	0
mORF_-_3279051	3279051	3279149	-	4	99	ATG	TAA	0	0
mORF_-_3279171	3279171	3279179	-	4	9	GTG	TAA	0	0
mORF_-_3279176	3279176	3279217	-	6	42	TTG	TGA	0	0
mORF_-_3279207	3279207	3279260	-	4	54	ATG	TAA	0	0
mORF_-_3279251	3279251	3279316	-	6	66	GTG	TGA	0	0
mORF_-_3279353	3279353	3279568	-	6	216	TTG	TAG	0	0
mORF_-_3279360	3279360	3279515	-	4	156	ATG	TAA	0	0
mORF_-_3279556	3279556	3279807	-	5	252	TTG	TAA	0	0
mORF_-_3279600	3279600	3279632	-	4	33	TTG	TAG	0	0
mORF_-_3279660	3279660	3279674	-	4	15	GTG	TAA	0	0
mORF_-_3279737	3279737	3279838	-	6	102	TTG	TAG	0	0
mORF_-_3279756	3279756	3279845	-	4	90	GTG	TAG	0	0
mORF_-_3279842	3279842	3279910	-	6	69	TTG	TGA	0	0
mORF_-_3279903	3279903	3279947	-	4	45	TTG	TAA	0	0
mORF_-_3279907	3279907	3279960	-	5	54	TTG	TGA	0	0
mORF_-_3279920	3279920	3280063	-	6	144	ATG	TGA	0	0
mORF_-_3279996	3279996	3280088	-	4	93	GTG	TAA	0	0
mORF_-_3280009	3280009	3280014	-	5	6	GTG	TAA	0	0

mORF_-_3280063	3280063	3280278	-	5	216	TTG	TGA	0	0	
mORF_-_3280139	3280139	3280582	-	6	444	TTG	TAA	0	0	
mORF_-_3280164	3280164	3280193	-	4	30	ATG	TGA	0	0	
mORF_-_3280272	3280272	3280376	-	4	105	TTG	TGA	0	0	
mORF_-_3280303	3280303	3280341	-	5	39	TTG	TGA	0	0	
mORF_-_3280399	3280399	3280419	-	5	21	TTG	TGA	0	0	
mORF_-_3280435	3280435	3280575	-	5	141	TTG	TAA	1	2	pORF_-_3280435
mORF_-_3280524	3280524	3280562	-	4	39	GTG	TAA	0	0	
mORF_-_3280572	3280572	3280628	-	4	57	GTG	TGA	0	0	
mORF_-_3280638	3280638	3280967	-	4	330	GTG	TGA	0	0	
mORF_-_3280700	3280700	3280969	-	6	270	ATG	TAA	0	0	
mORF_-_3280855	3280855	3280860	-	5	6	GTG	TAA	0	0	
mORF_-_3280864	3280864	3280974	-	5	111	ATG	TGA	0	0	
mORF_-_3280971	3280971	3280988	-	4	18	GTG	TGA	0	0	
mORF_-_3280985	3280985	3281065	-	6	81	GTG	TGA	0	0	
mORF_-_3280990	3280990	3281133	-	5	144	ATG	TGA	0	0	
mORF_-_3280995	3280995	3281090	-	4	96	ATG	TAA	0	0	
mORF_-_3281090	3281090	3281137	-	6	48	ATG	TGA	0	0	
mORF_-_3281130	3281130	3281150	-	4	21	ATG	TGA	0	0	
mORF_-_3281134	3281134	3281211	-	5	78	TTG	TGA	0	0	
mORF_-_3281192	3281192	3281539	-	6	348	GTG	TAA	0	0	
mORF_-_3281215	3281215	3281238	-	5	24	ATG	TAG	0	0	
mORF_-_3281239	3281239	3281334	-	5	96	ATG	TGA	0	0	
mORF_-_3281325	3281325	3281636	-	4	312	GTG	TAA	0	0	
mORF_-_3281368	3281368	3281376	-	5	9	GTG	TAG	0	0	
mORF_-_3281380	3281380	3281862	-	5	483	GTG	TAG	0	0	
mORF_-_3281540	3281540	3281704	-	6	165	GTG	TGA	0	0	
mORF_-_3281708	3281708	3281788	-	6	81	ATG	TAA	0	0	
mORF_-_3281841	3281841	3281846	-	4	6	TTG	TGA	0	0	
mORF_-_3281988	3281988	3282029	-	4	42	ATG	TAA	0	0	
mORF_-_3282044	3282044	3282052	-	6	9	TTG	TAA	0	0	
mORF_-_3282083	3282083	3282124	-	6	42	GTG	TAA	0	0	
mORF_-_3282102	3282102	3282170	-	4	69	TTG	TAG	0	0	
mORF_-_3282124	3282124	3282129	-	5	6	TTG	TAG	0	0	
mORF_-_3282163	3282163	3282282	-	5	120	TTG	TAA	0	0	
mORF_-_3282185	3282185	3282190	-	6	6	GTG	TAA	0	0	
mORF_-_3282213	3282213	3282329	-	4	117	TTG	TAA	0	0	
mORF_-_3282245	3282245	3282274	-	6	30	ATG	TGA	0	0	
mORF_-_3282336	3282336	3282545	-	4	210	TTG	TAA	0	0	
mORF_-_3282359	3282359	3282415	-	6	57	TTG	TAG	0	0	
mORF_-_3282406	3282406	3282459	-	5	54	GTG	TGA	0	0	
mORF_-_3282428	3282428	3282517	-	6	90	TTG	TGA	0	0	
mORF_-_3282560	3282560	3282625	-	6	66	ATG	TAA	0	0	
mORF_-_3282588	3282588	3282656	-	4	69	TTG	TAA	0	0	
mORF_-_3282671	3282671	3282712	-	6	42	ATG	TAG	0	0	
mORF_-_3282916	3282916	3283038	-	5	123	ATG	TGA	0	0	
mORF_-_3282957	3282957	3282965	-	4	9	ATG	TGA	0	0	
mORF_-_3282969	3282969	3282995	-	4	27	TTG	TAG	0	0	
mORF_-_3283035	3283035	3283064	-	4	30	ATG	TGA	0	0	
mORF_-_3283048	3283048	3283146	-	5	99	ATG	TAG	0	0	
mORF_-_3283125	3283125	3283136	-	4	12	TTG	TAA	0	0	
mORF_-_3283143	3283143	3283196	-	4	54	GTG	TGA	0	0	
mORF_-_3283154	3283154	3283531	-	6	378	GTG	TGA	0	0	
mORF_-_3283186	3283186	3283314	-	5	129	TTG	TAA	0	0	
mORF_-_3283360	3283360	3283431	-	5	72	TTG	TAG	0	0	
mORF_-_3283428	3283428	3283562	-	4	135	TTG	TGA	0	0	
mORF_-_3283492	3283492	3283500	-	5	9	TTG	TAG	0	0	
mORF_-_3283634	3283634	3283783	-	6	150	TTG	TAA	0	0	
mORF_-_3283656	3283656	3283700	-	4	45	GTG	TAA	0	0	
mORF_-_3283780	3283780	3283803	-	5	24	TTG	TGA	0	0	
mORF_-_3283849	3283849	3283872	-	5	24	ATG	TAA	0	0	
mORF_-_3283905	3283905	3283958	-	4	54	GTG	TAG	0	0	
mORF_-_3283927	3283927	3284031	-	5	105	TTG	TAA	0	0	

mORF_-_3283964	3283964	3284167	-	6	204	ATG	TAA	0	0
mORF_-_3283968	3283968	3284120	-	4	153	GTG	TGA	0	0
mORF_-_3284083	3284083	3284097	-	5	15	ATG	TAA	0	0
mORF_-_3284169	3284169	3284225	-	4	57	ATG	TAA	0	0
mORF_-_3284180	3284180	3284185	-	6	6	GTG	TAG	0	0
mORF_-_3284198	3284198	3284305	-	6	108	GTG	TAA	0	0
mORF_-_3284260	3284260	3284277	-	5	18	ATG	TAG	0	0
mORF_-_3284325	3284325	3284363	-	4	39	TTG	TAA	0	0
mORF_-_3284329	3284329	3284469	-	5	141	ATG	TAA	0	0
mORF_-_3284372	3284372	3284464	-	6	93	GTG	TAG	0	0
mORF_-_3284469	3284469	3284504	-	4	36	GTG	TAA	0	0
mORF_-_3284483	3284483	3284713	-	6	231	TTG	TAA	0	0
mORF_-_3284530	3284530	3284568	-	5	39	ATG	TGA	0	0
mORF_-_3284568	3284568	3284609	-	4	42	ATG	TAA	0	0
mORF_-_3284727	3284727	3284837	-	4	111	ATG	TAA	0	0
mORF_-_3284806	3284806	3284829	-	5	24	GTG	TGA	0	0
mORF_-_3284810	3284810	3285043	-	6	234	GTG	TGA	0	0
mORF_-_3284989	3284989	3285003	-	5	15	ATG	TAG	0	0
mORF_-_3285006	3285006	3285017	-	4	12	GTG	TAA	0	0
mORF_-_3285033	3285033	3285068	-	4	36	TTG	TAA	0	0
mORF_-_3285079	3285079	3285117	-	5	39	ATG	TAA	0	0
mORF_-_3285084	3285084	3285098	-	4	15	GTG	TAA	0	0
mORF_-_3285102	3285102	3285167	-	4	66	TTG	TAA	0	0
mORF_-_3285107	3285107	3285148	-	6	42	TTG	TAA	0	0
mORF_-_3285175	3285175	3285186	-	5	12	ATG	TAA	0	0
mORF_-_3285200	3285200	3285253	-	6	54	ATG	TAA	0	0
mORF_-_3285208	3285208	3285273	-	5	66	ATG	TGA	0	0
mORF_-_3285254	3285254	3285316	-	6	63	ATG	TAA	0	0
mORF_-_3285286	3285286	3285306	-	5	21	TTG	TGA	0	0
mORF_-_3285341	3285341	3285397	-	6	57	ATG	TAG	0	0
mORF_-_3285352	3285352	3285405	-	5	54	GTG	TGA	0	0
mORF_-_3285402	3285402	3285407	-	4	6	ATG	TGA	0	0
mORF_-_3285417	3285417	3285569	-	4	153	TTG	TAA	0	0
mORF_-_3285428	3285428	3285433	-	6	6	TTG	TAA	0	0
mORF_-_3285458	3285458	3285463	-	6	6	TTG	TAA	0	0
mORF_-_3285470	3285470	3285514	-	6	45	TTG	TAG	0	0
mORF_-_3285547	3285547	3285606	-	5	60	GTG	TAA	0	0
mORF_-_3285566	3285566	3285658	-	6	93	ATG	TGA	0	0
mORF_-_3285606	3285606	3285893	-	4	288	GTG	TAG	0	0
mORF_-_3285670	3285670	3285702	-	5	33	GTG	TAA	0	0
mORF_-_3285674	3285674	3285685	-	6	12	TTG	TAA	0	0
mORF_-_3285776	3285776	3285817	-	6	42	TTG	TAG	0	0
mORF_-_3285860	3285860	3285868	-	6	9	GTG	TAA	0	0
mORF_-_3285900	3285900	3285944	-	4	45	ATG	TGA	0	0
mORF_-_3285941	3285941	3285973	-	6	33	ATG	TGA	0	0
mORF_-_3285951	3285951	3285983	-	4	33	GTG	TAG	0	0
mORF_-_3286110	3286110	3286325	-	4	216	ATG	TAG	0	0
mORF_-_3286213	3286213	3286257	-	5	45	TTG	TAG	0	0
mORF_-_3286277	3286277	3286285	-	6	9	TTG	TAA	0	0
mORF_-_3286329	3286329	3286376	-	4	48	GTG	TAA	0	0
mORF_-_3286429	3286429	3286518	-	5	90	TTG	TAG	0	0
mORF_-_3286434	3286434	3286457	-	4	24	TTG	TAA	0	0
mORF_-_3286466	3286466	3286540	-	6	75	GTG	TGA	0	0
mORF_-_3286503	3286503	3286511	-	4	9	GTG	TAA	0	0
mORF_-_3286515	3286515	3286574	-	4	60	GTG	TGA	0	0
mORF_-_3286525	3286525	3286605	-	5	81	TTG	TAA	0	0
mORF_-_3286571	3286571	3286597	-	6	27	ATG	TGA	0	0
mORF_-_3286581	3286581	3286601	-	4	21	GTG	TAA	0	0
mORF_-_3286598	3286598	3286705	-	6	108	ATG	TGA	0	0
mORF_-_3286602	3286602	3286619	-	4	18	TTG	TGA	0	0
mORF_-_3286627	3286627	3286761	-	5	135	TTG	TAA	0	0
mORF_-_3286668	3286668	3286727	-	4	60	ATG	TGA	0	0
mORF_-_3286712	3286712	3286822	-	6	111	GTG	TAA	0	0

mORF_-_3286758	3286758	3287009	-	4	252	TTG	TGA	0	0	
mORF_-_3286765	3286765	3286872	-	5	108	GTG	TAA	0	0	
mORF_-_3286829	3286829	3286942	-	6	114	GTG	TGA	0	0	
mORF_-_3286964	3286964	3286993	-	6	30	GTG	TAA	0	0	
mORF_-_3286978	3286978	3287100	-	5	123	GTG	TAA	0	0	
mORF_-_3287031	3287031	3287048	-	4	18	TTG	TGA	0	0	
mORF_-_3287063	3287063	3287284	-	6	222	TTG	TGA	0	0	
mORF_-_3287097	3287097	3287165	-	4	69	TTG	TGA	0	0	
mORF_-_3287110	3287110	3287115	-	5	6	ATG	TAA	0	0	
mORF_-_3287116	3287116	3287148	-	5	33	GTG	TAA	0	0	
mORF_-_3287166	3287166	3287465	-	4	300	TTG	TAG	0	0	
mORF_-_3287288	3287288	3287308	-	6	21	ATG	TGA	0	0	
mORF_-_3287296	3287296	3287379	-	5	84	TTG	TAA	0	0	
mORF_-_3287342	3287342	3287392	-	6	51	TTG	TAA	0	0	
mORF_-_3287420	3287420	3287500	-	6	81	TTG	TAA	0	0	
mORF_-_3287473	3287473	3287535	-	5	63	TTG	TAG	0	0	
mORF_-_3287501	3287501	3287521	-	6	21	TTG	TAG	0	0	
mORF_-_3287525	3287525	3287548	-	6	24	ATG	TGA	0	0	
mORF_-_3287555	3287555	3287575	-	6	21	TTG	TAA	0	0	
mORF_-_3287559	3287559	3287777	-	4	219	TTG	TAA	0	0	
mORF_-_3287588	3287588	3287614	-	6	27	GTG	TGA	0	0	
mORF_-_3287636	3287636	3287641	-	6	6	GTG	TAG	0	0	
mORF_-_3287644	3287644	3287739	-	5	96	TTG	TAA	0	0	
mORF_-_3287774	3287774	3287782	-	6	9	TTG	TGA	0	0	
mORF_-_3287816	3287816	3287851	-	6	36	GTG	TAG	0	0	
mORF_-_3287841	3287841	3287876	-	4	36	TTG	TAA	0	0	
mORF_-_3287848	3287848	3287874	-	5	27	GTG	TGA	0	0	
mORF_-_3287884	3287884	3288015	-	5	132	TTG	TAA	0	0	
mORF_-_3287894	3287894	3287911	-	6	18	ATG	TAA	0	0	
mORF_-_3287904	3287904	3287930	-	4	27	ATG	TAA	0	0	
mORF_-_3287931	3287931	3288509	-	4	579	TTG	TAG	1	3	pORF_-_3287931
mORF_-_3287957	3287957	3288010	-	6	54	GTG	TAG	0	0	
mORF_-_3288037	3288037	3288114	-	5	78	GTG	TAA	0	0	
mORF_-_3288074	3288074	3288151	-	6	78	GTG	TAA	0	0	
mORF_-_3288185	3288185	3288232	-	6	48	TTG	TGA	0	0	
mORF_-_3288254	3288254	3288262	-	6	9	TTG	TAG	0	0	
mORF_-_3288269	3288269	3288301	-	6	33	TTG	TAG	0	0	
mORF_-_3288335	3288335	3288346	-	6	12	ATG	TGA	0	0	
mORF_-_3288346	3288346	3288525	-	5	180	GTG	TGA	1	3	pORF_-_3288346
mORF_-_3288401	3288401	3288412	-	6	12	TTG	TAG	0	0	
mORF_-_3288497	3288497	3288502	-	6	6	GTG	TAG	0	0	
mORF_-_3288538	3288538	3288735	-	5	198	GTG	TGA	0	0	
mORF_-_3288561	3288561	3288620	-	4	60	ATG	TAA	0	0	
mORF_-_3288639	3288639	3288704	-	4	66	ATG	TGA	0	0	
mORF_-_3288665	3288665	3288700	-	6	36	TTG	TAG	0	0	
mORF_-_3288732	3288732	3289181	-	4	450	TTG	TGA	0	0	
mORF_-_3288737	3288737	3288745	-	6	9	GTG	TAA	0	0	
mORF_-_3288764	3288764	3288790	-	6	27	TTG	TAG	0	0	
mORF_-_3288824	3288824	3288856	-	6	33	TTG	TGA	0	0	
mORF_-_3288877	3288877	3288888	-	5	12	ATG	TAG	0	0	
mORF_-_3288953	3288953	3288961	-	6	9	GTG	TAA	0	0	
mORF_-_3288958	3288958	3288963	-	5	6	TTG	TGA	0	0	
mORF_-_3288968	3288968	3289087	-	6	120	TTG	TGA	0	0	
mORF_-_3288994	3288994	3289062	-	5	69	TTG	TAG	0	0	
mORF_-_3289094	3289094	3289204	-	6	111	ATG	TAA	2	14	pORF_-_3289094
mORF_-_3289114	3289114	3289236	-	5	123	GTG	TGA	0	0	
mORF_-_3289233	3289233	3289277	-	4	45	TTG	TGA	0	0	
mORF_-_3289280	3289280	3289336	-	6	57	GTG	TGA	0	0	
mORF_-_3289291	3289291	3289299	-	5	9	GTG	TGA	0	0	
mORF_-_3289312	3289312	3289317	-	5	6	TTG	TAG	0	0	
mORF_-_3289326	3289326	3289406	-	4	81	GTG	TAA	0	0	
mORF_-_3289379	3289379	3289408	-	6	30	ATG	TAA	0	0	
mORF_-_3289416	3289416	3289451	-	4	36	GTG	TAA	0	0	

mORF_-_3289451	3289451	3289465	-	6	15	TTG	TAG	0	0	
mORF_-_3289467	3289467	3289553	-	4	87	GTG	TAA	0	0	
mORF_-_3289529	3289529	3289540	-	6	12	TTG	TAA	0	0	
mORF_-_3289543	3289543	3289641	-	5	99	ATG	TAG	0	0	
mORF_-_3289605	3289605	3289634	-	4	30	GTG	TAG	0	0	
mORF_-_3289653	3289653	3289772	-	4	120	GTG	TAA	0	0	
mORF_-_3289679	3289679	3289699	-	6	21	TTG	TAA	0	0	
mORF_-_3289690	3289690	3289977	-	5	288	ATG	TAA	0	0	
mORF_-_3289715	3289715	3289720	-	6	6	TTG	TGA	0	0	
mORF_-_3289751	3289751	3289789	-	6	39	TTG	TGA	0	0	
mORF_-_3289824	3289824	3289988	-	4	165	TTG	TAA	0	0	
mORF_-_3289871	3289871	3289882	-	6	12	ATG	TGA	0	0	
mORF_-_3289998	3289998	3290030	-	4	33	TTG	TGA	0	0	
mORF_-_3290009	3290009	3290020	-	6	12	GTG	TGA	0	0	
mORF_-_3290037	3290037	3290075	-	4	39	TTG	TGA	0	0	
mORF_-_3290079	3290079	3290141	-	4	63	GTG	TGA	0	0	
mORF_-_3290138	3290138	3290164	-	6	27	TTG	TGA	0	0	
mORF_-_3290142	3290142	3290255	-	4	114	TTG	TAA	0	0	
mORF_-_3290161	3290161	3290184	-	5	24	TTG	TGA	0	0	
mORF_-_3290168	3290168	3290305	-	6	138	TTG	TAA	0	0	
mORF_-_3290248	3290248	3290352	-	5	105	ATG	TGA	0	0	
mORF_-_3290316	3290316	3290363	-	4	48	TTG	TGA	0	0	
mORF_-_3290418	3290418	3290444	-	4	27	ATG	TGA	0	0	
mORF_-_3290441	3290441	3290494	-	6	54	GTG	TGA	0	0	
mORF_-_3290475	3290475	3290534	-	4	60	ATG	TAA	0	0	
mORF_-_3290497	3290497	3291357	-	5	861	ATG	TAA	13	113	pORF_-_3290497
mORF_-_3290580	3290580	3290666	-	4	87	TTG	TGA	0	0	
mORF_-_3290667	3290667	3290699	-	4	33	ATG	TGA	0	0	
mORF_-_3290696	3290696	3290713	-	6	18	GTG	TGA	0	0	
mORF_-_3290706	3290706	3290729	-	4	24	TTG	TAA	0	0	
mORF_-_3290763	3290763	3290771	-	4	9	GTG	TGA	0	0	
mORF_-_3290799	3290799	3290810	-	4	12	TTG	TAG	0	0	
mORF_-_3290829	3290829	3290852	-	4	24	ATG	TAG	0	0	
mORF_-_3290859	3290859	3290882	-	4	24	TTG	TGA	0	0	
mORF_-_3290889	3290889	3290900	-	4	12	GTG	TAA	0	0	
mORF_-_3290948	3290948	3290992	-	6	45	GTG	TGA	0	0	
mORF_-_3290970	3290970	3291029	-	4	60	GTG	TAA	0	0	
mORF_-_3291066	3291066	3291236	-	4	171	TTG	TAA	0	0	
mORF_-_3291237	3291237	3291245	-	4	9	TTG	TGA	0	0	
mORF_-_3291261	3291261	3291311	-	4	51	TTG	TAG	0	0	
mORF_-_3291354	3291354	3291392	-	4	39	ATG	TGA	0	0	
mORF_-_3291379	3291379	3291507	-	5	129	GTG	TAA	0	0	
mORF_-_3291420	3291420	3291437	-	4	18	ATG	TAA	0	0	
mORF_-_3291431	3291431	3291619	-	6	189	TTG	TGA	0	0	
mORF_-_3291520	3291520	3291528	-	5	9	GTG	TGA	0	0	
mORF_-_3291532	3291532	3291546	-	5	15	GTG	TAA	0	0	
mORF_-_3291574	3291574	3291630	-	5	57	ATG	TGA	0	0	
mORF_-_3291609	3291609	3291638	-	4	30	GTG	TGA	0	0	
mORF_-_3291620	3291620	3291685	-	6	66	TTG	TAA	0	0	
mORF_-_3291678	3291678	3291728	-	4	51	GTG	TAA	0	0	
mORF_-_3291686	3291686	3291778	-	6	93	TTG	TAG	0	0	
mORF_-_3291709	3291709	3291798	-	5	90	GTG	TGA	0	0	
mORF_-_3291795	3291795	3291845	-	4	51	TTG	TGA	0	0	
mORF_-_3291809	3291809	3291826	-	6	18	TTG	TAA	0	0	
mORF_-_3291832	3291832	3291876	-	5	45	ATG	TAA	0	0	
mORF_-_3291893	3291893	3292381	-	6	489	TTG	TAA	0	0	
mORF_-_3291901	3291901	3291972	-	5	72	ATG	TGA	0	0	
mORF_-_3291976	3291976	3292080	-	5	105	ATG	TGA	0	0	
mORF_-_3292002	3292002	3292148	-	4	147	TTG	TGA	0	0	
mORF_-_3292114	3292114	3292245	-	5	132	GTG	TAA	0	0	
mORF_-_3292173	3292173	3292214	-	4	42	GTG	TAA	0	0	
mORF_-_3292245	3292245	3292379	-	4	135	GTG	TAG	0	0	
mORF_-_3292249	3292249	3292284	-	5	36	GTG	TGA	0	0	

mORF_-_3292342	3292342	3292455	-	5	114	GTG	TGA	0	0	
mORF_-_3292389	3292389	3292523	-	4	135	GTG	TAA	0	0	
mORF_-_3292514	3292514	3292519	-	6	6	TTG	TGA	0	0	
mORF_-_3292524	3292524	3292640	-	4	117	GTG	TAA	0	0	
mORF_-_3292546	3292546	3292674	-	5	129	TTG	TGA	0	0	
mORF_-_3292671	3292671	3292781	-	4	111	ATG	TGA	0	0	
mORF_-_3292694	3292694	3292750	-	6	57	TTG	TGA	0	0	
mORF_-_3292726	3292726	3293088	-	5	363	ATG	TGA	0	0	
mORF_-_3292778	3292778	3292852	-	6	75	TTG	TGA	0	0	
mORF_-_3292910	3292910	3293143	-	6	234	TTG	TAA	0	0	
mORF_-_3292932	3292932	3292991	-	4	60	TTG	TGA	0	0	
mORF_-_3293004	3293004	3293048	-	4	45	TTG	TGA	0	0	
mORF_-_3293070	3293070	3293243	-	4	174	GTG	TGA	0	0	
mORF_-_3293244	3293244	3293327	-	4	84	GTG	TGA	0	0	
mORF_-_3293263	3293263	3293280	-	5	18	ATG	TAA	0	0	
mORF_-_3293267	3293267	3293320	-	6	54	ATG	TGA	0	0	
mORF_-_3293324	3293324	3293329	-	6	6	TTG	TGA	0	0	
mORF_-_3293341	3293341	3293358	-	5	18	TTG	TGA	0	0	
mORF_-_3293400	3293400	3293417	-	4	18	ATG	TAA	0	0	
mORF_-_3293420	3293420	3293491	-	6	72	GTG	TAA	0	0	
mORF_-_3293451	3293451	3293597	-	4	147	ATG	TGA	0	0	
mORF_-_3293455	3293455	3293673	-	5	219	GTG	TAA	0	0	
mORF_-_3293631	3293631	3293675	-	4	45	TTG	TAA	0	0	
mORF_-_3293680	3293680	3293805	-	5	126	GTG	TAA	0	0	
mORF_-_3293709	3293709	3293762	-	4	54	GTG	TGA	0	0	
mORF_-_3293795	3293795	3293809	-	6	15	ATG	TAA	0	0	
mORF_-_3293812	3293812	3293868	-	5	57	ATG	TAA	0	0	
mORF_-_3293819	3293819	3294004	-	6	186	ATG	TAA	0	0	
mORF_-_3293875	3293875	3293925	-	5	51	ATG	TGA	0	0	
mORF_-_3293935	3293935	3294102	-	5	168	TTG	TGA	0	0	
mORF_-_3293946	3293946	3293999	-	4	54	GTG	TGA	0	0	
mORF_-_3294021	3294021	3294131	-	4	111	TTG	TGA	0	0	
mORF_-_3294110	3294110	3294154	-	6	45	ATG	TAA	0	0	
mORF_-_3294151	3294151	3294246	-	5	96	ATG	TGA	0	0	
mORF_-_3294228	3294228	3294449	-	4	222	TTG	TAA	0	0	
mORF_-_3294262	3294262	3294342	-	5	81	ATG	TAA	0	0	
mORF_-_3294290	3294290	3294409	-	6	120	GTG	TAA	0	0	
mORF_-_3294343	3294343	3294396	-	5	54	GTG	TGA	0	0	
mORF_-_3294418	3294418	3294639	-	5	222	ATG	TAA	0	0	
mORF_-_3294440	3294440	3294481	-	6	42	TTG	TAA	0	0	
mORF_-_3294459	3294459	3294602	-	4	144	ATG	TAA	0	0	
mORF_-_3294639	3294639	3294689	-	4	51	TTG	TAA	0	0	
mORF_-_3294655	3294655	3294744	-	5	90	TTG	TGA	0	0	
mORF_-_3294723	3294723	3294797	-	4	75	ATG	TAA	0	0	
mORF_-_3294766	3294766	3294882	-	5	117	GTG	TGA	0	0	
mORF_-_3294999	3294999	3295067	-	4	69	TTG	TAA	0	0	
mORF_-_3295054	3295054	3295059	-	5	6	TTG	TAA	0	0	
mORF_-_3295076	3295076	3295099	-	6	24	ATG	TGA	0	0	
mORF_-_3295089	3295089	3295148	-	4	60	TTG	TAA	0	0	
mORF_-_3295115	3295115	3295375	-	6	261	GTG	TGA	0	0	
mORF_-_3295120	3295120	3296160	-	5	1041	ATG	TGA	2	4	pORF_-_3295120
mORF_-_3295149	3295149	3295154	-	4	6	GTG	TGA	0	0	
mORF_-_3295296	3295296	3295340	-	4	45	TTG	TGA	0	0	
mORF_-_3295377	3295377	3295601	-	4	225	TTG	TGA	0	0	
mORF_-_3295385	3295385	3295489	-	6	105	ATG	TAA	0	0	
mORF_-_3295571	3295571	3295789	-	6	219	GTG	TGA	0	0	
mORF_-_3295614	3295614	3295664	-	4	51	TTG	TGA	0	0	
mORF_-_3295692	3295692	3295778	-	4	87	GTG	TAA	0	0	
mORF_-_3295791	3295791	3295871	-	4	81	GTG	TGA	0	0	
mORF_-_3295868	3295868	3295975	-	6	108	ATG	TGA	0	0	
mORF_-_3295947	3295947	3295997	-	4	51	TTG	TGA	0	0	
mORF_-_3296006	3296006	3296119	-	6	114	GTG	TAA	0	0	
mORF_-_3296064	3296064	3296090	-	4	27	TTG	TGA	0	0	

mORF_-_3296157	3296157	3296219	-	4	63	TTG	TGA	0	0	
mORF_-_3296233	3296233	3296913	-	5	681	ATG	TAA	3	7	pORF_-_3296233
mORF_-_3296274	3296274	3296381	-	4	108	TTG	TGA	0	0	
mORF_-_3296394	3296394	3296441	-	4	48	TTG	TGA	0	0	
mORF_-_3296469	3296469	3296540	-	4	72	GTG	TAA	0	0	
mORF_-_3296501	3296501	3296668	-	6	168	TTG	TAA	0	0	
mORF_-_3296595	3296595	3296711	-	4	117	GTG	TAG	0	0	
mORF_-_3296712	3296712	3296780	-	4	69	TTG	TGA	0	0	
mORF_-_3296865	3296865	3296906	-	4	42	GTG	TGA	0	0	
mORF_-_3296879	3296879	3296917	-	6	39	GTG	TAA	0	0	
mORF_-_3296910	3296910	3296975	-	4	66	TTG	TGA	0	0	
mORF_-_3296923	3296923	3296934	-	5	12	ATG	TAA	0	0	
mORF_-_3296942	3296942	3296983	-	6	42	TTG	TAA	0	0	
mORF_-_3296968	3296968	3297168	-	5	201	ATG	TGA	0	0	
mORF_-_3297048	3297048	3297056	-	4	9	GTG	TAA	0	0	
mORF_-_3297053	3297053	3297109	-	6	57	TTG	TGA	0	0	
mORF_-_3297093	3297093	3297224	-	4	132	GTG	TAA	0	0	
mORF_-_3297206	3297206	3297220	-	6	15	ATG	TAG	0	0	
mORF_-_3297221	3297221	3297310	-	6	90	GTG	TGA	0	0	
mORF_-_3297229	3297229	3297303	-	5	75	ATG	TAA	0	0	
mORF_-_3297307	3297307	3297378	-	5	72	ATG	TGA	0	0	
mORF_-_3297447	3297447	3297461	-	4	15	GTG	TAA	0	0	
mORF_-_3297480	3297480	3297527	-	4	48	TTG	TAA	0	0	
mORF_-_3297494	3297494	3297937	-	6	444	ATG	TAA	2	2	pORF_-_3297494
mORF_-_3297529	3297529	3297702	-	5	174	GTG	TGA	0	0	
mORF_-_3297573	3297573	3297593	-	4	21	GTG	TGA	0	0	
mORF_-_3297736	3297736	3297768	-	5	33	GTG	TAA	0	0	
mORF_-_3297799	3297799	3298083	-	5	285	TTG	TGA	0	0	
mORF_-_3297846	3297846	3297911	-	4	66	TTG	TAA	0	0	
mORF_-_3297950	3297950	3297994	-	6	45	GTG	TAA	0	0	
mORF_-_3298005	3298005	3298028	-	4	24	TTG	TAA	0	0	
mORF_-_3298035	3298035	3298052	-	4	18	GTG	TAA	0	0	
mORF_-_3298046	3298046	3298105	-	6	60	GTG	TGA	0	0	
mORF_-_3298071	3298071	3298202	-	4	132	TTG	TGA	0	0	
mORF_-_3298168	3298168	3298209	-	5	42	TTG	TAA	0	0	
mORF_-_3298252	3298252	3298326	-	5	75	ATG	TAA	0	0	
mORF_-_3298277	3298277	3298780	-	6	504	ATG	TAA	12	165	pORF_-_3298277
mORF_-_3298327	3298327	3298338	-	5	12	ATG	TGA	0	0	
mORF_-_3298342	3298342	3298416	-	5	75	TTG	TAG	0	0	
mORF_-_3298368	3298368	3298388	-	4	21	TTG	TGA	0	0	
mORF_-_3298453	3298453	3298638	-	5	186	ATG	TGA	0	0	
mORF_-_3298542	3298542	3298571	-	4	30	ATG	TGA	0	0	
mORF_-_3298660	3298660	3298755	-	5	96	TTG	TGA	0	0	
mORF_-_3298752	3298752	3298787	-	4	36	GTG	TGA	0	0	
mORF_-_3298774	3298774	3299322	-	5	549	TTG	TAA	0	0	
mORF_-_3298821	3298821	3298838	-	4	18	TTG	TGA	0	0	
mORF_-_3298860	3298860	3298895	-	4	36	TTG	TGA	0	0	
mORF_-_3298914	3298914	3298946	-	4	33	TTG	TGA	0	0	
mORF_-_3298947	3298947	3299000	-	4	54	TTG	TGA	0	0	
mORF_-_3299004	3299004	3299027	-	4	24	GTG	TGA	0	0	
mORF_-_3299034	3299034	3299075	-	4	42	ATG	TGA	0	0	
mORF_-_3299057	3299057	3299095	-	6	39	ATG	TAG	0	0	
mORF_-_3299076	3299076	3299117	-	4	42	ATG	TGA	0	0	
mORF_-_3299124	3299124	3299162	-	4	39	ATG	TAA	0	0	
mORF_-_3299187	3299187	3299201	-	4	15	TTG	TAA	0	0	
mORF_-_3299214	3299214	3299222	-	4	9	TTG	TAA	0	0	
mORF_-_3299235	3299235	3299246	-	4	12	GTG	TAA	0	0	
mORF_-_3299247	3299247	3299273	-	4	27	TTG	TGA	0	0	
mORF_-_3299288	3299288	3299401	-	6	114	TTG	TAA	0	0	
mORF_-_3299328	3299328	3299339	-	4	12	ATG	TAG	0	0	
mORF_-_3299341	3299341	3299379	-	5	39	ATG	TGA	0	0	
mORF_-_3299392	3299392	3299406	-	5	15	TTG	TAG	0	0	
mORF_-_3299418	3299418	3299441	-	4	24	TTG	TAA	0	0	

mORF_-_3299444	3299444	3299491	-	6	48	TTG	TAA	0	0	
mORF_-_3299464	3299464	3299556	-	5	93	ATG	TAA	0	0	
mORF_-_3299578	3299578	3299604	-	5	27	TTG	TAA	0	0	
mORF_-_3299588	3299588	3300115	-	6	528	TTG	TAG	0	0	
mORF_-_3299671	3299671	3299685	-	5	15	TTG	TGA	0	0	
mORF_-_3299689	3299689	3299706	-	5	18	GTG	TGA	0	0	
mORF_-_3299725	3299725	3299802	-	5	78	ATG	TAA	0	0	
mORF_-_3299824	3299824	3299871	-	5	48	TTG	TAA	0	0	
mORF_-_3299883	3299883	3299966	-	4	84	GTG	TAA	0	0	
mORF_-_3299947	3299947	3300015	-	5	69	ATG	TGA	0	0	
mORF_-_3299970	3299970	3299984	-	4	15	GTG	TGA	0	0	
mORF_-_3300015	3300015	3300254	-	4	240	TTG	TAA	0	0	
mORF_-_3300034	3300034	3300075	-	5	42	ATG	TAG	0	0	
mORF_-_3300197	3300197	3300238	-	6	42	GTG	TAG	0	0	
mORF_-_3300235	3300235	3300264	-	5	30	TTG	TGA	0	0	
mORF_-_3300287	3300287	3300880	-	6	594	GTG	TAA	0	0	
mORF_-_3300373	3300373	3300471	-	5	99	GTG	TGA	0	0	
mORF_-_3300378	3300378	3300482	-	4	105	ATG	TAG	0	0	
mORF_-_3300573	3300573	3300587	-	4	15	GTG	TGA	0	0	
mORF_-_3300606	3300606	3300713	-	4	108	GTG	TAA	0	0	
mORF_-_3300733	3300733	3301149	-	5	417	TTG	TGA	0	0	
mORF_-_3300759	3300759	3300830	-	4	72	TTG	TAG	0	0	
mORF_-_3300864	3300864	3300905	-	4	42	ATG	TAG	0	0	
mORF_-_3300963	3300963	3300983	-	4	21	ATG	TGA	0	0	
mORF_-_3301035	3301035	3301169	-	4	135	ATG	TAG	0	0	
mORF_-_3301160	3301160	3301252	-	6	93	GTG	TGA	0	0	
mORF_-_3301170	3301170	3301178	-	4	9	ATG	TGA	0	0	
mORF_-_3301191	3301191	3301268	-	4	78	GTG	TAA	0	0	
mORF_-_3301249	3301249	3301383	-	5	135	TTG	TGA	0	0	
mORF_-_3301295	3301295	3301402	-	6	108	GTG	TAG	0	0	
mORF_-_3301399	3301399	3301413	-	5	15	TTG	TGA	0	0	
mORF_-_3301438	3301438	3301458	-	5	21	TTG	TAA	0	0	
mORF_-_3301445	3301445	3301516	-	6	72	ATG	TAA	0	0	
mORF_-_3301468	3301468	3301545	-	5	78	ATG	TAA	0	0	
mORF_-_3301530	3301530	3301727	-	4	198	GTG	TGA	1	2	pORF_-_3301530
mORF_-_3301598	3301598	3301648	-	6	51	GTG	TAG	0	0	
mORF_-_3301664	3301664	3301759	-	6	96	GTG	TAG	0	0	
mORF_-_3301720	3301720	3301731	-	5	12	GTG	TAG	0	0	
mORF_-_3301728	3301728	3301823	-	4	96	TTG	TGA	0	0	
mORF_-_3301762	3301762	3302043	-	5	282	GTG	TAA	0	0	
mORF_-_3301839	3301839	3301931	-	4	93	ATG	TAG	0	0	
mORF_-_3301847	3301847	3301924	-	6	78	TTG	TGA	0	0	
mORF_-_3301977	3301977	3302003	-	4	27	TTG	TAA	0	0	
mORF_-_3302040	3302040	3302078	-	4	39	ATG	TGA	0	0	
mORF_-_3302081	3302081	3302164	-	6	84	TTG	TAA	0	0	
mORF_-_3302095	3302095	3302124	-	5	30	ATG	TGA	0	0	
mORF_-_3302185	3302185	3302277	-	5	93	GTG	TAA	0	0	
mORF_-_3302190	3302190	3302255	-	4	66	TTG	TGA	0	0	
mORF_-_3302274	3302274	3302432	-	4	159	ATG	TGA	1	6	pORF_-_3302274
mORF_-_3302345	3302345	3302398	-	6	54	TTG	TGA	0	0	
mORF_-_3302455	3302455	3302556	-	5	102	ATG	TAA	0	0	
mORF_-_3302499	3302499	3302588	-	4	90	GTG	TAA	0	0	
mORF_-_3302522	3302522	3302527	-	6	6	ATG	TAG	0	0	
mORF_-_3302549	3302549	3302659	-	6	111	TTG	TGA	0	0	
mORF_-_3302595	3302595	3303839	-	4	1245	ATG	TAA	0	0	
mORF_-_3302669	3302669	3302677	-	6	9	TTG	TGA	0	0	
mORF_-_3302678	3302678	3302737	-	6	60	GTG	TGA	0	0	
mORF_-_3302741	3302741	3302758	-	6	18	TTG	TAG	0	0	
mORF_-_3302780	3302780	3302851	-	6	72	TTG	TAG	0	0	
mORF_-_3302870	3302870	3302923	-	6	54	TTG	TGA	0	0	
mORF_-_3302957	3302957	3302965	-	6	9	TTG	TAG	0	0	
mORF_-_3303020	3303020	3303064	-	6	45	TTG	TAA	0	0	
mORF_-_3303091	3303091	3303159	-	5	69	ATG	TAA	0	0	

mORF_-_3303197	3303197	3303226	-	6	30	TTG	TGA	0	0	
mORF_-_3303254	3303254	3303376	-	6	123	TTG	TGA	0	0	
mORF_-_3303400	3303400	3303414	-	5	15	GTG	TAA	0	0	
mORF_-_3303407	3303407	3303421	-	6	15	TTG	TGA	0	0	
mORF_-_3303425	3303425	3303445	-	6	21	TTG	TAG	0	0	
mORF_-_3303470	3303470	3303529	-	6	60	ATG	TAA	0	0	
mORF_-_3303533	3303533	3303616	-	6	84	TTG	TGA	0	0	
mORF_-_3303643	3303643	3303912	-	5	270	TTG	TAA	0	0	
mORF_-_3303695	3303695	3303766	-	6	72	TTG	TGA	0	0	
mORF_-_3303785	3303785	3303799	-	6	15	TTG	TGA	0	0	
mORF_-_3303827	3303827	3303904	-	6	78	GTG	TAA	0	0	
mORF_-_3303983	3303983	3304198	-	6	216	ATG	TGA	0	0	
mORF_-_3303993	3303993	3305948	-	4	1956	TTG	TAA	74	945	pORF_-_3303993
mORF_-_3304217	3304217	3304555	-	6	339	ATG	TGA	0	0	
mORF_-_3304568	3304568	3304582	-	6	15	GTG	TGA	0	0	
mORF_-_3304595	3304595	3304636	-	6	42	GTG	TGA	0	0	
mORF_-_3304790	3304790	3304870	-	6	81	GTG	TGA	0	0	
mORF_-_3304931	3304931	3304984	-	6	54	TTG	TAG	0	0	
mORF_-_3304985	3304985	3305005	-	6	21	ATG	TGA	0	0	
mORF_-_3305009	3305009	3305032	-	6	24	GTG	TGA	0	0	
mORF_-_3305045	3305045	3305053	-	6	9	GTG	TGA	0	0	
mORF_-_3305057	3305057	3305149	-	6	93	TTG	TGA	0	0	
mORF_-_3305276	3305276	3305416	-	6	141	ATG	TGA	0	0	
mORF_-_3305432	3305432	3305458	-	6	27	GTG	TGA	0	0	
mORF_-_3305462	3305462	3305569	-	6	108	ATG	TGA	0	0	
mORF_-_3305600	3305600	3305614	-	6	15	TTG	TGA	0	0	
mORF_-_3305666	3305666	3305758	-	6	93	ATG	TGA	0	0	
mORF_-_3305677	3305677	3305778	-	5	102	GTG	TGA	0	0	
mORF_-_3305759	3305759	3305830	-	6	72	TTG	TGA	0	0	
mORF_-_3305843	3305843	3305860	-	6	18	TTG	TGA	0	0	
mORF_-_3305875	3305875	3305955	-	5	81	ATG	TGA	0	0	
mORF_-_3305918	3305918	3305923	-	6	6	ATG	TAG	0	0	
mORF_-_3305942	3305942	3306010	-	6	69	GTG	TGA	0	0	
mORF_-_3305988	3305988	3306032	-	4	45	TTG	TAA	0	0	
mORF_-_3306014	3306014	3306028	-	6	15	TTG	TAA	0	0	
mORF_-_3306058	3306058	3306165	-	5	108	TTG	TGA	0	0	
mORF_-_3306062	3306062	3306946	-	6	885	ATG	TAG	4	11	pORF_-_3306062
mORF_-_3306226	3306226	3306246	-	5	21	GTG	TAG	0	0	
mORF_-_3306301	3306301	3306342	-	5	42	TTG	TAA	0	0	
mORF_-_3306315	3306315	3306356	-	4	42	GTG	TAG	0	0	
mORF_-_3306388	3306388	3306495	-	5	108	ATG	TGA	0	0	
mORF_-_3306411	3306411	3306443	-	4	33	GTG	TGA	0	0	
mORF_-_3306502	3306502	3306513	-	5	12	GTG	TAG	0	0	
mORF_-_3306544	3306544	3306612	-	5	69	TTG	TGA	0	0	
mORF_-_3306715	3306715	3306774	-	5	60	ATG	TGA	0	0	
mORF_-_3306778	3306778	3306795	-	5	18	TTG	TAA	0	0	
mORF_-_3306820	3306820	3306918	-	5	99	TTG	TGA	0	0	
mORF_-_3306885	3306885	3307052	-	4	168	TTG	TAA	0	0	
mORF_-_3306943	3306943	3306966	-	5	24	GTG	TGA	0	0	
mORF_-_3307016	3307016	3307045	-	6	30	TTG	TAA	0	0	
mORF_-_3307055	3307055	3309277	-	6	2223	TTG	TAA	178	5949	pORF_-_3307055
mORF_-_3307129	3307129	3307155	-	5	27	TTG	TGA	0	0	
mORF_-_3307204	3307204	3307293	-	5	90	TTG	TGA	0	0	
mORF_-_3307303	3307303	3307401	-	5	99	TTG	TGA	0	0	
mORF_-_3307405	3307405	3307419	-	5	15	ATG	TGA	0	0	
mORF_-_3307453	3307453	3307461	-	5	9	GTG	TGA	0	0	
mORF_-_3307465	3307465	3307557	-	5	93	GTG	TAA	0	0	
mORF_-_3307582	3307582	3307608	-	5	27	GTG	TAA	0	0	
mORF_-_3307621	3307621	3307764	-	5	144	TTG	TGA	0	0	
mORF_-_3307752	3307752	3307862	-	4	111	GTG	TGA	0	0	
mORF_-_3307783	3307783	3307830	-	5	48	GTG	TGA	0	0	
mORF_-_3307840	3307840	3307995	-	5	156	GTG	TGA	0	0	
mORF_-_3308086	3308086	3308217	-	5	132	GTG	TGA	0	0	

mORF_-_3308221	3308221	3308424	-	5	204	ATG	TGA	0	0	
mORF_-_3308428	3308428	3308454	-	5	27	TTG	TGA	0	0	
mORF_-_3308439	3308439	3308501	-	4	63	TTG	TGA	0	0	
mORF_-_3308521	3308521	3308565	-	5	45	ATG	TGA	0	0	
mORF_-_3308602	3308602	3308625	-	5	24	TTG	TGA	0	0	
mORF_-_3308629	3308629	3308658	-	5	30	TTG	TGA	0	0	
mORF_-_3308701	3308701	3308718	-	5	18	ATG	TGA	0	0	
mORF_-_3308728	3308728	3308796	-	5	69	TTG	TAG	0	0	
mORF_-_3308797	3308797	3308907	-	5	111	TTG	TGA	0	0	
mORF_-_3308920	3308920	3308952	-	5	33	GTG	TGA	0	0	
mORF_-_3309013	3309013	3309084	-	5	72	ATG	TGA	0	0	
mORF_-_3309223	3309223	3309231	-	5	9	GTG	TAA	0	0	
mORF_-_3309280	3309280	3309348	-	5	69	ATG	TAG	0	0	
mORF_-_3309312	3309312	3309344	-	4	33	ATG	TAA	0	0	
mORF_-_3309341	3309341	3309406	-	6	66	GTG	TGA	0	0	
mORF_-_3309345	3309345	3309356	-	4	12	TTG	TGA	0	0	
mORF_-_3309407	3309407	3309433	-	6	27	TTG	TGA	0	0	
mORF_-_3309437	3309437	3309706	-	6	270	ATG	TAA	28	1187	pORF_-_3309437
mORF_-_3309496	3309496	3309579	-	5	84	TTG	TGA	0	0	
mORF_-_3309619	3309619	3309663	-	5	45	TTG	TAG	0	0	
mORF_-_3309708	3309708	3309719	-	4	12	TTG	TAA	0	0	
mORF_-_3309753	3309753	3309791	-	4	39	TTG	TGA	0	0	
mORF_-_3309818	3309818	3310003	-	6	186	ATG	TAG	0	0	
mORF_-_3309835	3309835	3309855	-	5	21	ATG	TAA	0	0	
mORF_-_3309855	3309855	3310799	-	4	945	ATG	TAA	7	12	pORF_-_3309855
mORF_-_3310076	3310076	3310141	-	6	66	GTG	TGA	0	0	
mORF_-_3310157	3310157	3310171	-	6	15	TTG	TGA	0	0	
mORF_-_3310184	3310184	3310384	-	6	201	ATG	TAA	0	0	
mORF_-_3310412	3310412	3310453	-	6	42	GTG	TGA	0	0	
mORF_-_3310496	3310496	3310681	-	6	186	GTG	TAA	0	0	
mORF_-_3310531	3310531	3310629	-	5	99	TTG	TGA	0	0	
mORF_-_3310703	3310703	3310720	-	6	18	ATG	TGA	0	0	
mORF_-_3310765	3310765	3310845	-	5	81	ATG	TAA	0	0	
mORF_-_3310799	3310799	3311218	-	6	420	TTG	TAA	30	314	pORF_-_3310799
mORF_-_3310861	3310861	3310890	-	5	30	TTG	TGA	0	0	
mORF_-_3310915	3310915	3311019	-	5	105	ATG	TGA	0	0	
mORF_-_3311038	3311038	3311082	-	5	45	GTG	TGA	0	0	
mORF_-_3311098	3311098	3311127	-	5	30	GTG	TGA	0	0	
mORF_-_3311167	3311167	3311187	-	5	21	TTG	TAG	0	0	
mORF_-_3311253	3311253	3311273	-	4	21	GTG	TGA	0	0	
mORF_-_3311270	3311270	3311371	-	6	102	TTG	TGA	0	0	
mORF_-_3311299	3311299	3311316	-	5	18	ATG	TGA	0	0	
mORF_-_3311304	3311304	3311348	-	4	45	ATG	TGA	0	0	
mORF_-_3311364	3311364	3314036	-	4	2673	ATG	TAA	244	4422	pORF_-_3311364
mORF_-_3311408	3311408	3311635	-	6	228	GTG	TGA	0	0	
mORF_-_3311440	3311440	3311457	-	5	18	ATG	TAA	0	0	
mORF_-_3311702	3311702	3311713	-	6	12	TTG	TGA	0	0	
mORF_-_3311714	3311714	3311764	-	6	51	TTG	TGA	0	0	
mORF_-_3311765	3311765	3311860	-	6	96	GTG	TGA	0	0	
mORF_-_3311993	3311993	3312337	-	6	345	GTG	TGA	0	0	
mORF_-_3312205	3312205	3312243	-	5	39	GTG	TAA	0	0	
mORF_-_3312365	3312365	3312460	-	6	96	GTG	TGA	0	0	
mORF_-_3312457	3312457	3312468	-	5	12	GTG	TGA	0	0	
mORF_-_3312545	3312545	3312553	-	6	9	TTG	TGA	0	0	
mORF_-_3312611	3312611	3312634	-	6	24	TTG	TGA	0	0	
mORF_-_3312641	3312641	3312673	-	6	33	GTG	TAG	0	0	
mORF_-_3312719	3312719	3312838	-	6	120	TTG	TGA	0	0	
mORF_-_3312854	3312854	3312895	-	6	42	GTG	TGA	0	0	
mORF_-_3312905	3312905	3312967	-	6	63	TTG	TAA	0	0	
mORF_-_3313028	3313028	3313084	-	6	57	TTG	TGA	0	0	
mORF_-_3313103	3313103	3313510	-	6	408	GTG	TGA	0	0	
mORF_-_3313387	3313387	3313395	-	5	9	ATG	TGA	0	0	
mORF_-_3313562	3313562	3313732	-	6	171	TTG	TGA	0	0	

mORF_-_3313760	3313760	3313813	-	6	54	GTG	TGA	0	0	
mORF_-_3313889	3313889	3313900	-	6	12	TTG	TGA	0	0	
mORF_-_3313901	3313901	3313966	-	6	66	TTG	TGA	0	0	
mORF_-_3314024	3314024	3314029	-	6	6	ATG	TAA	0	0	
mORF_-_3314051	3314051	3314074	-	6	24	GTG	TAG	0	0	
mORF_-_3314061	3314061	3315548	-	4	1488	ATG	TAA	139	3471	pORF_-_3314061
mORF_-_3314071	3314071	3314085	-	5	15	TTG	TGA	0	0	
mORF_-_3314129	3314129	3314224	-	6	96	GTG	TGA	0	0	
mORF_-_3314155	3314155	3314190	-	5	36	TTG	TGA	0	0	
mORF_-_3314228	3314228	3314239	-	6	12	TTG	TAG	0	0	
mORF_-_3314243	3314243	3314356	-	6	114	TTG	TGA	0	0	
mORF_-_3314381	3314381	3314392	-	6	12	ATG	TGA	0	0	
mORF_-_3314426	3314426	3314527	-	6	102	TTG	TAG	0	0	
mORF_-_3314524	3314524	3314550	-	5	27	TTG	TGA	0	0	
mORF_-_3314555	3314555	3314671	-	6	117	TTG	TGA	0	0	
mORF_-_3314696	3314696	3314785	-	6	90	GTG	TGA	0	0	
mORF_-_3314716	3314716	3314724	-	5	9	GTG	TGA	0	0	
mORF_-_3314755	3314755	3314799	-	5	45	TTG	TGA	0	0	
mORF_-_3314792	3314792	3314803	-	6	12	GTG	TAG	0	0	
mORF_-_3314834	3314834	3314887	-	6	54	TTG	TGA	0	0	
mORF_-_3314888	3314888	3314917	-	6	30	TTG	TGA	0	0	
mORF_-_3314933	3314933	3315040	-	6	108	GTG	TGA	0	0	
mORF_-_3315122	3315122	3315271	-	6	150	TTG	TGA	0	0	
mORF_-_3315287	3315287	3315358	-	6	72	TTG	TGA	0	0	
mORF_-_3315359	3315359	3315523	-	6	165	TTG	TAG	0	0	
mORF_-_3315545	3315545	3315562	-	6	18	GTG	TGA	0	0	
mORF_-_3315559	3315559	3315567	-	5	9	ATG	TGA	0	0	
mORF_-_3315576	3315576	3316040	-	4	465	TTG	TAA	6	156	pORF_-_3315576
mORF_-_3315614	3315614	3315631	-	6	18	ATG	TGA	0	0	
mORF_-_3315656	3315656	3315664	-	6	9	GTG	TGA	0	0	
mORF_-_3315661	3315661	3315693	-	5	33	ATG	TGA	0	0	
mORF_-_3315731	3315731	3315853	-	6	123	GTG	TGA	0	0	
mORF_-_3315866	3315866	3315982	-	6	117	TTG	TGA	0	0	
mORF_-_3315871	3315871	3315879	-	5	9	TTG	TGA	0	0	
mORF_-_3316016	3316016	3316045	-	6	30	ATG	TAG	0	0	
mORF_-_3316057	3316057	3316203	-	5	147	GTG	TAG	0	0	
mORF_-_3316068	3316068	3316175	-	4	108	TTG	TAA	0	0	
mORF_-_3316127	3316127	3316138	-	6	12	TTG	TAG	0	0	
mORF_-_3316224	3316224	3316433	-	4	210	TTG	TAG	0	0	
mORF_-_3316273	3316273	3316326	-	5	54	TTG	TAA	0	0	
mORF_-_3316289	3316289	3316423	-	6	135	GTG	TAG	0	0	
mORF_-_3316405	3316405	3316425	-	5	21	ATG	TAA	0	0	
mORF_-_3316430	3316430	3316477	-	6	48	ATG	TGA	0	0	
mORF_-_3316443	3316443	3316520	-	4	78	ATG	TAG	0	0	
mORF_-_3316520	3316520	3316585	-	6	66	ATG	TAA	0	0	
mORF_-_3316525	3316525	3316539	-	5	15	GTG	TAA	0	0	
mORF_-_3316582	3316582	3316596	-	5	15	ATG	TGA	0	0	
mORF_-_3316603	3316603	3316632	-	5	30	ATG	TGA	0	0	
mORF_-_3316632	3316632	3317705	-	4	1074	TTG	TGA	0	0	
mORF_-_3316652	3316652	3316675	-	6	24	TTG	TAA	0	0	
mORF_-_3316672	3316672	3316863	-	5	192	GTG	TGA	0	0	
mORF_-_3316691	3316691	3316729	-	6	39	GTG	TGA	0	0	
mORF_-_3316814	3316814	3316882	-	6	69	TTG	TAA	0	0	
mORF_-_3316909	3316909	3316926	-	5	18	ATG	TAG	0	0	
mORF_-_3316928	3316928	3316939	-	6	12	GTG	TGA	0	0	
mORF_-_3316952	3316952	3317050	-	6	99	GTG	TAG	0	0	
mORF_-_3317051	3317051	3317056	-	6	6	TTG	TAG	0	0	
mORF_-_3317084	3317084	3317101	-	6	18	TTG	TAA	0	0	
mORF_-_3317117	3317117	3317122	-	6	6	TTG	TAA	0	0	
mORF_-_3317182	3317182	3317259	-	5	78	TTG	TAA	0	0	
mORF_-_3317204	3317204	3317209	-	6	6	TTG	TAG	0	0	
mORF_-_3317228	3317228	3317371	-	6	144	GTG	TAG	0	0	
mORF_-_3317390	3317390	3317458	-	6	69	ATG	TGA	0	0	

mORF_-_3317468	3317468	3317509	-	6	42	ATG	TGA	0	0	
mORF_-_3317506	3317506	3317553	-	5	48	GTG	TGA	0	0	
mORF_-_3317531	3317531	3317563	-	6	33	ATG	TAA	0	0	
mORF_-_3317591	3317591	3317608	-	6	18	ATG	TGA	0	0	
mORF_-_3317633	3317633	3317728	-	6	96	GTG	TGA	0	0	
mORF_-_3317737	3317737	3317772	-	5	36	TTG	TAA	0	0	
mORF_-_3317787	3317787	3317870	-	4	84	TTG	TGA	0	0	
mORF_-_3317801	3317801	3317806	-	6	6	TTG	TAG	0	0	
mORF_-_3317867	3317867	3317896	-	6	30	GTG	TGA	0	0	
mORF_-_3317921	3317921	3318013	-	6	93	TTG	TAA	0	0	
mORF_-_3318010	3318010	3319668	-	5	1659	TTG	TGA	1	6	pORF_-_3318010
mORF_-_3318072	3318072	3318134	-	4	63	TTG	TGA	0	0	
mORF_-_3318135	3318135	3318146	-	4	12	TTG	TGA	0	0	
mORF_-_3318143	3318143	3318184	-	6	42	GTG	TGA	0	0	
mORF_-_3318171	3318171	3318374	-	4	204	TTG	TAA	0	0	
mORF_-_3318402	3318402	3318413	-	4	12	TTG	TAA	0	0	
mORF_-_3318423	3318423	3318539	-	4	117	ATG	TAG	0	0	
mORF_-_3318515	3318515	3318520	-	6	6	TTG	TAG	0	0	
mORF_-_3318540	3318540	3318554	-	4	15	TTG	TAA	0	0	
mORF_-_3318555	3318555	3318680	-	4	126	ATG	TGA	0	0	
mORF_-_3318705	3318705	3318776	-	4	72	ATG	TAA	0	0	
mORF_-_3318840	3318840	3318953	-	4	114	TTG	TAA	0	0	
mORF_-_3318954	3318954	3319019	-	4	66	TTG	TGA	0	0	
mORF_-_3319050	3319050	3319094	-	4	45	TTG	TAG	0	0	
mORF_-_3319104	3319104	3319190	-	4	87	TTG	TAG	0	0	
mORF_-_3319145	3319145	3319162	-	6	18	TTG	TAA	0	0	
mORF_-_3319209	3319209	3319238	-	4	30	ATG	TGA	0	0	
mORF_-_3319235	3319235	3319288	-	6	54	ATG	TGA	0	0	
mORF_-_3319248	3319248	3319382	-	4	135	TTG	TAA	0	0	
mORF_-_3319364	3319364	3319393	-	6	30	ATG	TGA	0	0	
mORF_-_3319403	3319403	3319594	-	6	192	TTG	TAG	0	0	
mORF_-_3319425	3319425	3319451	-	4	27	TTG	TGA	0	0	
mORF_-_3319482	3319482	3319487	-	4	6	TTG	TAA	0	0	
mORF_-_3319548	3319548	3319616	-	4	69	TTG	TAG	0	0	
mORF_-_3319610	3319610	3319678	-	6	69	TTG	TAG	0	0	
mORF_-_3319650	3319650	3319709	-	4	60	TTG	TGA	0	0	
mORF_-_3319706	3319706	3319768	-	6	63	ATG	TGA	0	0	
mORF_-_3319776	3319776	3319832	-	4	57	ATG	TGA	0	0	
mORF_-_3319807	3319807	3320031	-	5	225	TTG	TAG	0	0	
mORF_-_3319832	3319832	3319912	-	6	81	GTG	TGA	0	0	
mORF_-_3319863	3319863	3319925	-	4	63	TTG	TAA	0	0	
mORF_-_3319926	3319926	3319982	-	4	57	TTG	TAA	0	0	
mORF_-_3319991	3319991	3320035	-	6	45	ATG	TAG	0	0	
mORF_-_3320039	3320039	3320053	-	6	15	TTG	TGA	0	0	
mORF_-_3320072	3320072	3320143	-	6	72	GTG	TGA	0	0	
mORF_-_3320137	3320137	3320148	-	5	12	TTG	TAG	0	0	
mORF_-_3320145	3320145	3320174	-	4	30	GTG	TGA	0	0	
mORF_-_3320159	3320159	3320182	-	6	24	GTG	TAG	0	0	
mORF_-_3320188	3320188	3320265	-	5	78	GTG	TAG	0	0	
mORF_-_3320195	3320195	3320575	-	6	381	TTG	TAA	4	26	pORF_-_3320195
mORF_-_3320220	3320220	3320279	-	4	60	ATG	TAA	0	0	
mORF_-_3320371	3320371	3320400	-	5	30	TTG	TGA	0	0	
mORF_-_3320470	3320470	3320496	-	5	27	TTG	TGA	0	0	
mORF_-_3320509	3320509	3320523	-	5	15	ATG	TAG	0	0	
mORF_-_3320530	3320530	3320571	-	5	42	TTG	TGA	0	0	
mORF_-_3320568	3320568	3320603	-	4	36	GTG	TGA	0	0	
mORF_-_3320590	3320590	3320652	-	5	63	TTG	TAA	0	0	
mORF_-_3320621	3320621	3320671	-	6	51	TTG	TAG	0	0	
mORF_-_3320655	3320655	3320723	-	4	69	TTG	TAA	0	0	
mORF_-_3320755	3320755	3322092	-	5	1338	ATG	TAA	76	995	pORF_-_3320755
mORF_-_3320766	3320766	3320792	-	4	27	TTG	TAA	0	0	
mORF_-_3320838	3320838	3320900	-	4	63	TTG	TAA	0	0	
mORF_-_3320910	3320910	3320936	-	4	27	TTG	TGA	0	0	

mORF_-_3320969	3320969	3321007	-	6	39	TTG	TAA	0	0	
mORF_-_3321021	3321021	3321077	-	4	57	GTG	TGA	0	0	
mORF_-_3321102	3321102	3321191	-	4	90	TTG	TGA	0	0	
mORF_-_3321210	3321210	3321224	-	4	15	TTG	TGA	0	0	
mORF_-_3321240	3321240	3321344	-	4	105	TTG	TGA	0	0	
mORF_-_3321351	3321351	3321452	-	4	102	ATG	TGA	0	0	
mORF_-_3321459	3321459	3321563	-	4	105	TTG	TAA	0	0	
mORF_-_3321473	3321473	3321553	-	6	81	TTG	TGA	0	0	
mORF_-_3321567	3321567	3321674	-	4	108	TTG	TGA	0	0	
mORF_-_3321581	3321581	3321610	-	6	30	TTG	TAG	0	0	
mORF_-_3321717	3321717	3321767	-	4	51	ATG	TAG	0	0	
mORF_-_3321798	3321798	3321803	-	4	6	TTG	TGA	0	0	
mORF_-_3321831	3321831	3322040	-	4	210	ATG	TGA	0	0	
mORF_-_3321989	3321989	3322003	-	6	15	TTG	TAA	0	0	
mORF_-_3322044	3322044	3322064	-	4	21	ATG	TAG	0	0	
mORF_-_3322085	3322085	3322999	-	6	915	TTG	TAA	16	65	pORF_-_3322085
mORF_-_3322144	3322144	3322209	-	5	66	GTG	TAG	0	0	
mORF_-_3322249	3322249	3322263	-	5	15	TTG	TGA	0	0	
mORF_-_3322359	3322359	3322421	-	4	63	TTG	TAA	0	0	
mORF_-_3322426	3322426	3322437	-	5	12	TTG	TAG	0	0	
mORF_-_3322450	3322450	3322473	-	5	24	ATG	TGA	0	0	
mORF_-_3322470	3322470	3322526	-	4	57	TTG	TGA	0	0	
mORF_-_3322519	3322519	3322770	-	5	252	TTG	TGA	0	0	
mORF_-_3322795	3322795	3322806	-	5	12	ATG	TGA	0	0	
mORF_-_3322810	3322810	3322818	-	5	9	ATG	TGA	0	0	
mORF_-_3322822	3322822	3322845	-	5	24	ATG	TGA	0	0	
mORF_-_3322882	3322882	3322923	-	5	42	TTG	TAA	0	0	
mORF_-_3322938	3322938	3323009	-	4	72	ATG	TAA	0	0	
mORF_-_3323023	3323023	3324966	-	5	1944	TTG	TAA	106	2350	pORF_-_3323023
mORF_-_3323034	3323034	3323168	-	4	135	ATG	TAG	0	0	
mORF_-_3323181	3323181	3323216	-	4	36	ATG	TGA	0	0	
mORF_-_3323220	3323220	3323231	-	4	12	ATG	TGA	0	0	
mORF_-_3323235	3323235	3323243	-	4	9	ATG	TGA	0	0	
mORF_-_3323265	3323265	3323300	-	4	36	TTG	TGA	0	0	
mORF_-_3323310	3323310	3323342	-	4	33	ATG	TGA	0	0	
mORF_-_3323364	3323364	3323390	-	4	27	GTG	TAG	0	0	
mORF_-_3323426	3323426	3323440	-	6	15	GTG	TGA	0	0	
mORF_-_3323445	3323445	3323546	-	4	102	GTG	TGA	0	0	
mORF_-_3323622	3323622	3323636	-	4	15	GTG	TGA	0	0	
mORF_-_3323655	3323655	3323705	-	4	51	ATG	TGA	0	0	
mORF_-_3323751	3323751	3323774	-	4	24	GTG	TGA	0	0	
mORF_-_3323778	3323778	3323837	-	4	60	GTG	TGA	0	0	
mORF_-_3323862	3323862	3323912	-	4	51	TTG	TGA	0	0	
mORF_-_3323964	3323964	3324119	-	4	156	TTG	TGA	0	0	
mORF_-_3324132	3324132	3324179	-	4	48	GTG	TGA	0	0	
mORF_-_3324189	3324189	3324278	-	4	90	GTG	TAG	0	0	
mORF_-_3324203	3324203	3324223	-	6	21	GTG	TGA	0	0	
mORF_-_3324291	3324291	3324344	-	4	54	TTG	TAG	0	0	
mORF_-_3324390	3324390	3324506	-	4	117	TTG	TGA	0	0	
mORF_-_3324531	3324531	3324620	-	4	90	TTG	TGA	0	0	
mORF_-_3324621	3324621	3324695	-	4	75	TTG	TGA	0	0	
mORF_-_3324711	3324711	3324893	-	4	183	TTG	TGA	0	0	
mORF_-_3324912	3324912	3324926	-	4	15	TTG	TGA	0	0	
mORF_-_3324942	3324942	3324962	-	4	21	GTG	TAA	0	0	
mORF_-_3324971	3324971	3325027	-	6	57	ATG	TAA	0	0	
mORF_-_3324982	3324982	3324987	-	5	6	TTG	TAA	0	0	
mORF_-_3325005	3325005	3325034	-	4	30	TTG	TGA	0	0	
mORF_-_3325057	3325057	3325686	-	5	630	ATG	TAA	13	40	pORF_-_3325057
mORF_-_3325077	3325077	3325106	-	4	30	GTG	TAG	0	0	
mORF_-_3325161	3325161	3325172	-	4	12	ATG	TAA	0	0	
mORF_-_3325200	3325200	3325214	-	4	15	GTG	TAG	0	0	
mORF_-_3325221	3325221	3325232	-	4	12	GTG	TAG	0	0	
mORF_-_3325229	3325229	3325237	-	6	9	GTG	TGA	0	0	

mORF_-_3325242	3325242	3325271	-	4	30	GTG	TAG	0	0	
mORF_-_3325299	3325299	3325349	-	4	51	TTG	TGA	0	0	
mORF_-_3325371	3325371	3325523	-	4	153	TTG	TGA	0	0	
mORF_-_3325382	3325382	3325495	-	6	114	TTG	TGA	0	0	
mORF_-_3325527	3325527	3325622	-	4	96	ATG	TGA	0	0	
mORF_-_3325676	3325676	3325699	-	6	24	ATG	TAA	0	0	
mORF_-_3325683	3325683	3325721	-	4	39	TTG	TGA	0	0	
mORF_-_3325687	3325687	3325803	-	5	117	TTG	TAA	0	0	
mORF_-_3325742	3325742	3326044	-	6	303	ATG	TAG	0	0	
mORF_-_3325785	3325785	3325928	-	4	144	TTG	TGA	0	0	
mORF_-_3325825	3325825	3325857	-	5	33	GTG	TAG	0	0	
mORF_-_3325932	3325932	3326126	-	4	195	GTG	TAA	0	0	
mORF_-_3326041	3326041	3326073	-	5	33	TTG	TGA	0	0	
mORF_-_3326074	3326074	3326100	-	5	27	GTG	TAG	0	0	
mORF_-_3326108	3326108	3326170	-	6	63	TTG	TAA	0	0	
mORF_-_3326119	3326119	3326241	-	5	123	ATG	TAA	0	0	
mORF_-_3326225	3326225	3326230	-	6	6	TTG	TAA	0	0	
mORF_-_3326261	3326261	3326737	-	6	477	ATG	TAA	42	479	pORF_-_3326261
mORF_-_3326281	3326281	3326289	-	5	9	TTG	TAA	0	0	
mORF_-_3326293	3326293	3326331	-	5	39	ATG	TAG	0	0	
mORF_-_3326347	3326347	3326361	-	5	15	TTG	TGA	0	0	
mORF_-_3326380	3326380	3326415	-	5	36	TTG	TGA	0	0	
mORF_-_3326461	3326461	3326514	-	5	54	TTG	TAA	0	0	
mORF_-_3326515	3326515	3326583	-	5	69	GTG	TGA	0	0	
mORF_-_3326611	3326611	3326649	-	5	39	TTG	TGA	0	0	
mORF_-_3326703	3326703	3326855	-	4	153	TTG	TGA	0	0	
mORF_-_3326741	3326741	3326833	-	6	93	TTG	TAA	0	0	
mORF_-_3326776	3326776	3326808	-	5	33	ATG	TGA	0	0	
mORF_-_3326864	3326864	3326878	-	6	15	GTG	TGA	0	0	
mORF_-_3326868	3326868	3326873	-	4	6	TTG	TAG	0	0	
mORF_-_3326875	3326875	3326919	-	5	45	ATG	TGA	0	0	
mORF_-_3326928	3326928	3327209	-	4	282	TTG	TAA	0	0	
mORF_-_3326972	3326972	3327007	-	6	36	ATG	TAA	0	0	
mORF_-_3327031	3327031	3327048	-	5	18	TTG	TGA	0	0	
mORF_-_3327038	3327038	3327064	-	6	27	ATG	TGA	0	0	
mORF_-_3327068	3327068	3327088	-	6	21	TTG	TGA	0	0	
mORF_-_3327206	3327206	3327256	-	6	51	TTG	TGA	0	0	
mORF_-_3327315	3327315	3327695	-	4	381	TTG	TAA	0	0	
mORF_-_3327323	3327323	3327499	-	6	177	TTG	TGA	0	0	
mORF_-_3327367	3327367	3327456	-	5	90	GTG	TGA	0	0	
mORF_-_3327463	3327463	3327531	-	5	69	TTG	TAA	0	0	
mORF_-_3327550	3327550	3327564	-	5	15	ATG	TAA	0	0	
mORF_-_3327569	3327569	3327601	-	6	33	GTG	TAA	0	0	
mORF_-_3327670	3327670	3327756	-	5	87	TTG	TAA	0	0	
mORF_-_3327743	3327743	3327790	-	6	48	GTG	TAG	0	0	
mORF_-_3327771	3327771	3328013	-	4	243	TTG	TAA	0	0	
mORF_-_3327787	3327787	3327804	-	5	18	GTG	TGA	0	0	
mORF_-_3327818	3327818	3327955	-	6	138	TTG	TGA	0	0	
mORF_-_3327952	3327952	3327969	-	5	18	ATG	TGA	0	0	
mORF_-_3327995	3327995	3328150	-	6	156	ATG	TGA	0	0	
mORF_-_3328053	3328053	3328202	-	4	150	ATG	TGA	0	0	
mORF_-_3328202	3328202	3328282	-	6	81	GTG	TGA	0	0	
mORF_-_3328227	3328227	3328313	-	4	87	TTG	TGA	0	0	
mORF_-_3328276	3328276	3328440	-	5	165	ATG	TAA	0	0	
mORF_-_3328406	3328406	3328414	-	6	9	TTG	TGA	0	0	
mORF_-_3328415	3328415	3328438	-	6	24	GTG	TAA	0	0	
mORF_-_3328451	3328451	3328465	-	6	15	TTG	TGA	0	0	
mORF_-_3328456	3328456	3328536	-	5	81	ATG	TAA	0	0	
mORF_-_3328478	3328478	3328543	-	6	66	TTG	TAA	0	0	
mORF_-_3328512	3328512	3328517	-	4	6	TTG	TAG	0	0	
mORF_-_3328530	3328530	3328574	-	4	45	ATG	TGA	0	0	
mORF_-_3328574	3328574	3328597	-	6	24	ATG	TGA	0	0	
mORF_-_3328597	3328597	3328779	-	5	183	TTG	TGA	0	0	

mORF_-_3328604	3328604	3329776	-	6	1173	ATG	TAA	39	554	pORF_-_3328604
mORF_-_3328713	3328713	3328721	-	4	9	GTG	TGA	0	0	
mORF_-_3328792	3328792	3328797	-	5	6	ATG	TGA	0	0	
mORF_-_3328813	3328813	3328827	-	5	15	GTG	TGA	0	0	
mORF_-_3328908	3328908	3328943	-	4	36	TTG	TAA	0	0	
mORF_-_3328936	3328936	3329028	-	5	93	TTG	TAG	0	0	
mORF_-_3329025	3329025	3329066	-	4	42	TTG	TGA	0	0	
mORF_-_3329080	3329080	3329124	-	5	45	TTG	TGA	0	0	
mORF_-_3329125	3329125	3329247	-	5	123	GTG	TGA	0	0	
mORF_-_3329308	3329308	3329427	-	5	120	TTG	TGA	0	0	
mORF_-_3329452	3329452	3329472	-	5	21	GTG	TGA	0	0	
mORF_-_3329488	3329488	3329493	-	5	6	GTG	TAA	0	0	
mORF_-_3329518	3329518	3329595	-	5	78	TTG	TGA	0	0	
mORF_-_3329592	3329592	3329642	-	4	51	ATG	TGA	0	0	
mORF_-_3329617	3329617	3329673	-	5	57	ATG	TGA	0	0	
mORF_-_3329655	3329655	3329720	-	4	66	TTG	TGA	0	0	
mORF_-_3329713	3329713	3329769	-	5	57	TTG	TGA	0	0	
mORF_-_3329773	3329773	3329901	-	5	129	GTG	TGA	0	0	
mORF_-_3329778	3329778	3329795	-	4	18	ATG	TAA	0	0	
mORF_-_3329792	3329792	3330757	-	6	966	ATG	TGA	2	5	pORF_-_3329792
mORF_-_3329832	3329832	3330098	-	4	267	ATG	TAA	0	0	
mORF_-_3330013	3330013	3330060	-	5	48	ATG	TGA	0	0	
mORF_-_3330114	3330114	3330248	-	4	135	TTG	TAG	0	0	
mORF_-_3330127	3330127	3330237	-	5	111	ATG	TGA	0	0	
mORF_-_3330241	3330241	3330270	-	5	30	TTG	TGA	0	0	
mORF_-_3330367	3330367	3330417	-	5	51	TTG	TAG	0	0	
mORF_-_3330421	3330421	3330447	-	5	27	TTG	TGA	0	0	
mORF_-_3330469	3330469	3330510	-	5	42	TTG	TGA	0	0	
mORF_-_3330555	3330555	3330842	-	4	288	TTG	TAA	0	0	
mORF_-_3330589	3330589	3330615	-	5	27	TTG	TGA	0	0	
mORF_-_3330679	3330679	3330738	-	5	60	TTG	TGA	0	0	
mORF_-_3330754	3330754	3330780	-	5	27	ATG	TGA	0	0	
mORF_-_3330788	3330788	3330808	-	6	21	ATG	TAA	0	0	
mORF_-_3330811	3330811	3330861	-	5	51	ATG	TAA	0	0	
mORF_-_3330884	3330884	3331141	-	6	258	ATG	TAA	32	1596	pORF_-_3330884
mORF_-_3330940	3330940	3330978	-	5	39	GTG	TGA	0	0	
mORF_-_3330975	3330975	3330986	-	4	12	TTG	TGA	0	0	
mORF_-_3330988	3330988	3331062	-	5	75	GTG	TAG	0	0	
mORF_-_3331162	3331162	3331497	-	5	336	GTG	TAA	40	2323	pORF_-_3331162
mORF_-_3331185	3331185	3331286	-	4	102	TTG	TGA	0	0	
mORF_-_3331190	3331190	3331201	-	6	12	GTG	TGA	0	0	
mORF_-_3331299	3331299	3331343	-	4	45	GTG	TAA	0	0	
mORF_-_3331356	3331356	3331376	-	4	21	TTG	TGA	0	0	
mORF_-_3331431	3331431	3331505	-	4	75	TTG	TAA	0	0	
mORF_-_3331445	3331445	3331495	-	6	51	GTG	TAA	0	0	
mORF_-_3331510	3331510	3331533	-	5	24	GTG	TGA	0	0	
mORF_-_3331520	3331520	3331609	-	6	90	TTG	TAG	0	0	
mORF_-_3331530	3331530	3331574	-	4	45	TTG	TGA	0	0	
mORF_-_3331549	3331549	3331587	-	5	39	TTG	TAA	0	0	
mORF_-_3331584	3331584	3331637	-	4	54	ATG	TGA	0	0	
mORF_-_3331625	3331625	3331654	-	6	30	GTG	TAA	0	0	
mORF_-_3331642	3331642	3331650	-	5	9	TTG	TGA	0	0	
mORF_-_3331651	3331651	3331695	-	5	45	GTG	TGA	0	0	
mORF_-_3331692	3331692	3331829	-	4	138	TTG	TGA	0	0	
mORF_-_3331756	3331756	3331821	-	5	66	TTG	TAA	0	0	
mORF_-_3331781	3331781	3331792	-	6	12	TTG	TAA	0	0	
mORF_-_3331834	3331834	3331962	-	5	129	GTG	TAA	0	0	
mORF_-_3331842	3331842	3331847	-	4	6	ATG	TAA	0	0	
mORF_-_3331850	3331850	3331900	-	6	51	GTG	TGA	0	0	
mORF_-_3331911	3331911	3332045	-	4	135	TTG	TAG	0	0	
mORF_-_3331975	3331975	3331980	-	5	6	GTG	TAG	0	0	
mORF_-_3332021	3332021	3332038	-	6	18	ATG	TAG	0	0	
mORF_-_3332076	3332076	3332207	-	4	132	GTG	TAA	0	0	

mORF_-_3332137	3332137	3332178	-	5	42	TTG	TGA	0	0	
mORF_-_3332217	3332217	3332222	-	4	6	ATG	TAG	0	0	
mORF_-_3332228	3332228	3332662	-	6	435	GTG	TAA	0	0	
mORF_-_3332232	3332232	3332240	-	4	9	TTG	TAG	0	0	
mORF_-_3332334	3332334	3332345	-	4	12	GTG	TAG	0	0	
mORF_-_3332376	3332376	3332381	-	4	6	TTG	TAA	0	0	
mORF_-_3332398	3332398	3332529	-	5	132	ATG	TAA	0	0	
mORF_-_3332466	3332466	3332507	-	4	42	ATG	TGA	0	0	
mORF_-_3332586	3332586	3332681	-	4	96	ATG	TGA	0	0	
mORF_-_3332626	3332626	3332754	-	5	129	ATG	TAA	0	0	
mORF_-_3332700	3332700	3332762	-	4	63	GTG	TAA	0	0	
mORF_-_3332773	3332773	3332802	-	5	30	ATG	TAG	0	0	
mORF_-_3332805	3332805	3332825	-	4	21	GTG	TAA	0	0	
mORF_-_3332822	3332822	3332827	-	6	6	GTG	TGA	0	0	
mORF_-_3332831	3332831	3332860	-	6	30	ATG	TAA	0	0	
mORF_-_3332844	3332844	3332957	-	4	114	ATG	TAA	0	0	
mORF_-_3332909	3332909	3332986	-	6	78	TTG	TAG	0	0	
mORF_-_3332968	3332968	3333066	-	5	99	ATG	TGA	0	0	
mORF_-_3333118	3333118	3333132	-	5	15	GTG	TAA	0	0	
mORF_-_3333129	3333129	3333155	-	4	27	ATG	TGA	0	0	
mORF_-_3333188	3333188	3333193	-	6	6	GTG	TAG	0	0	
mORF_-_3333257	3333257	3334516	-	6	1260	ATG	TAA	40	700	pORF_-_3333257
mORF_-_3333268	3333268	3333288	-	5	21	GTG	TGA	0	0	
mORF_-_3333289	3333289	3333450	-	5	162	GTG	TAG	0	0	
mORF_-_3333444	3333444	3333458	-	4	15	TTG	TGA	0	0	
mORF_-_3333502	3333502	3333534	-	5	33	TTG	TGA	0	0	
mORF_-_3333577	3333577	3333846	-	5	270	GTG	TGA	0	0	
mORF_-_3333853	3333853	3333912	-	5	60	GTG	TAG	0	0	
mORF_-_3333922	3333922	3334005	-	5	84	GTG	TGA	0	0	
mORF_-_3333969	3333969	3334007	-	4	39	GTG	TGA	0	0	
mORF_-_3334015	3334015	3334029	-	5	15	TTG	TGA	0	0	
mORF_-_3334045	3334045	3334059	-	5	15	GTG	TGA	0	0	
mORF_-_3334063	3334063	3334074	-	5	12	ATG	TGA	0	0	
mORF_-_3334120	3334120	3334206	-	5	87	TTG	TAG	0	0	
mORF_-_3334149	3334149	3334175	-	4	27	TTG	TGA	0	0	
mORF_-_3334213	3334213	3334317	-	5	105	ATG	TAG	0	0	
mORF_-_3334324	3334324	3334335	-	5	12	GTG	TAG	0	0	
mORF_-_3334399	3334399	3334503	-	5	105	GTG	TAG	0	0	
mORF_-_3334509	3334509	3334604	-	4	96	GTG	TAA	0	0	
mORF_-_3334532	3334532	3334567	-	6	36	ATG	TAA	0	0	
mORF_-_3334571	3334571	3334840	-	6	270	ATG	TGA	4	10	pORF_-_3334571
mORF_-_3334582	3334582	3334656	-	5	75	TTG	TGA	0	0	
mORF_-_3334666	3334666	3334677	-	5	12	ATG	TGA	0	0	
mORF_-_3334705	3334705	3334755	-	5	51	ATG	TGA	0	0	
mORF_-_3334795	3334795	3334836	-	5	42	TTG	TGA	0	0	
mORF_-_3334833	3334833	3334967	-	4	135	ATG	TGA	0	0	
mORF_-_3334840	3334840	3334887	-	5	48	ATG	TGA	0	0	
mORF_-_3334865	3334865	3334897	-	6	33	TTG	TAA	0	0	
mORF_-_3334915	3334915	3335001	-	5	87	ATG	TGA	0	0	
mORF_-_3334985	3334985	3335374	-	6	390	GTG	TAA	10	123	pORF_-_3334985
mORF_-_3335062	3335062	3335142	-	5	81	GTG	TGA	0	0	
mORF_-_3335170	3335170	3335247	-	5	78	GTG	TGA	0	0	
mORF_-_3335181	3335181	3335195	-	4	15	TTG	TGA	0	0	
mORF_-_3335278	3335278	3335913	-	5	636	ATG	TAA	24	56	pORF_-_3335278
mORF_-_3335394	3335394	3335414	-	4	21	TTG	TGA	0	0	
mORF_-_3335408	3335408	3335434	-	6	27	TTG	TGA	0	0	
mORF_-_3335415	3335415	3335558	-	4	144	TTG	TGA	0	0	
mORF_-_3335453	3335453	3335461	-	6	9	GTG	TAA	0	0	
mORF_-_3335610	3335610	3335693	-	4	84	GTG	TGA	0	0	
mORF_-_3335703	3335703	3335783	-	4	81	ATG	TGA	0	0	
mORF_-_3335823	3335823	3335864	-	4	42	GTG	TGA	0	0	
mORF_-_3335865	3335865	3335876	-	4	12	TTG	TGA	0	0	
mORF_-_3335898	3335898	3336095	-	4	198	ATG	TAA	0	0	

mORF_-_3335932	3335932	3336498	-	5	567	TTG	TAA	18	112	pORF_-_3335932
mORF_-_3336099	3336099	3336131	-	4	33	TTG	TGA	0	0	
mORF_-_3336186	3336186	3336227	-	4	42	TTG	TGA	0	0	
mORF_-_3336237	3336237	3336305	-	4	69	TTG	TAA	0	0	
mORF_-_3336327	3336327	3336356	-	4	30	ATG	TGA	0	0	
mORF_-_3336374	3336374	3336460	-	6	87	TTG	TGA	0	0	
mORF_-_3336405	3336405	3336416	-	4	12	TTG	TGA	0	0	
mORF_-_3336438	3336438	3336491	-	4	54	TTG	TAG	0	0	
mORF_-_3336488	3336488	3337270	-	6	783	ATG	TGA	1	2	pORF_-_3336488
mORF_-_3336511	3336511	3336555	-	5	45	TTG	TGA	0	0	
mORF_-_3336612	3336612	3336629	-	4	18	GTG	TAA	0	0	
mORF_-_3336661	3336661	3336732	-	5	72	TTG	TGA	0	0	
mORF_-_3336729	3336729	3336743	-	4	15	TTG	TGA	0	0	
mORF_-_3336922	3336922	3337026	-	5	105	GTG	TAA	0	0	
mORF_-_3337036	3337036	3337095	-	5	60	TTG	TGA	0	0	
mORF_-_3337099	3337099	3337185	-	5	87	ATG	TGA	0	0	
mORF_-_3337219	3337219	3337260	-	5	42	ATG	TGA	0	0	
mORF_-_3337278	3337278	3338087	-	4	810	ATG	TAA	13	113	pORF_-_3337278
mORF_-_3337346	3337346	3337456	-	6	111	TTG	TAG	0	0	
mORF_-_3337378	3337378	3337497	-	5	120	TTG	TGA	0	0	
mORF_-_3337460	3337460	3337495	-	6	36	GTG	TAA	0	0	
mORF_-_3337535	3337535	3337648	-	6	114	GTG	TGA	0	0	
mORF_-_3337667	3337667	3337684	-	6	18	GTG	TAA	0	0	
mORF_-_3337712	3337712	3337780	-	6	69	TTG	TGA	0	0	
mORF_-_3337826	3337826	3337927	-	6	102	TTG	TGA	0	0	
mORF_-_3338000	3338000	3338050	-	6	51	ATG	TGA	0	0	
mORF_-_3338011	3338011	3338094	-	5	84	GTG	TAA	0	0	
mORF_-_3338091	3338091	3338132	-	4	42	TTG	TGA	0	0	
mORF_-_3338129	3338129	3338152	-	6	24	ATG	TGA	0	0	
mORF_-_3338165	3338165	3338194	-	6	30	ATG	TAA	0	0	
mORF_-_3338178	3338178	3338234	-	4	57	ATG	TAA	0	0	
mORF_-_3338207	3338207	3338224	-	6	18	TTG	TAA	0	0	
mORF_-_3338307	3338307	3338315	-	4	9	GTG	TAG	0	0	
mORF_-_3338344	3338344	3338535	-	5	192	TTG	TAA	0	0	
mORF_-_3338430	3338430	3338444	-	4	15	ATG	TGA	0	0	
mORF_-_3338447	3338447	3338491	-	6	45	TTG	TAA	0	0	
mORF_-_3338457	3338457	3338525	-	4	69	TTG	TGA	0	0	
mORF_-_3338522	3338522	3338587	-	6	66	ATG	TGA	0	0	
mORF_-_3338615	3338615	3338665	-	6	51	TTG	TAA	0	0	
mORF_-_3338653	3338653	3338724	-	5	72	ATG	TAG	0	0	
mORF_-_3338727	3338727	3338738	-	4	12	GTG	TAA	0	0	
mORF_-_3338752	3338752	3338889	-	5	138	GTG	TGA	0	0	
mORF_-_3338902	3338902	3339057	-	5	156	ATG	TAA	0	0	
mORF_-_3338913	3338913	3338942	-	4	30	TTG	TGA	0	0	
mORF_-_3338946	3338946	3338981	-	4	36	TTG	TAG	0	0	
mORF_-_3339027	3339027	3339038	-	4	12	TTG	TGA	0	0	
mORF_-_3339054	3339054	3339104	-	4	51	GTG	TGA	0	0	
mORF_-_3339068	3339068	3339184	-	6	117	TTG	TAA	0	0	
mORF_-_3339121	3339121	3339147	-	5	27	ATG	TAG	0	0	
mORF_-_3339222	3339222	3339296	-	4	75	GTG	TAA	0	0	
mORF_-_3339251	3339251	3339286	-	6	36	ATG	TAA	0	0	
mORF_-_3339303	3339303	3339473	-	4	171	ATG	TAA	0	0	
mORF_-_3339380	3339380	3339391	-	6	12	TTG	TGA	0	0	
mORF_-_3339392	3339392	3339625	-	6	234	GTG	TGA	0	0	
mORF_-_3339448	3339448	3339522	-	5	75	ATG	TGA	0	0	
mORF_-_3339519	3339519	3339551	-	4	33	ATG	TGA	0	0	
mORF_-_3339568	3339568	3339576	-	5	9	GTG	TAA	0	0	
mORF_-_3339630	3339630	3339656	-	4	27	GTG	TAA	0	0	
mORF_-_3339653	3339653	3340042	-	6	390	ATG	TGA	0	0	
mORF_-_3339663	3339663	3339719	-	4	57	ATG	TAA	0	0	
mORF_-_3339727	3339727	3339765	-	5	39	GTG	TAA	0	0	
mORF_-_3339793	3339793	3339831	-	5	39	GTG	TAA	0	0	
mORF_-_3339838	3339838	3339879	-	5	42	GTG	TAA	0	0	

mORF_-_3339861	3339861	3339941	-	4	81	ATG	TGA	0	0	
mORF_-_3340045	3340045	3340167	-	5	123	GTG	TAA	0	0	
mORF_-_3340094	3340094	3340282	-	6	189	TTG	TGA	0	0	
mORF_-_3340173	3340173	3340223	-	4	51	ATG	TAA	0	0	
mORF_-_3340236	3340236	3340247	-	4	12	ATG	TAA	0	0	
mORF_-_3340251	3340251	3340295	-	4	45	TTG	TAA	0	0	
mORF_-_3340279	3340279	3340302	-	5	24	TTG	TGA	0	0	
mORF_-_3340327	3340327	3340371	-	5	45	ATG	TAA	0	0	
mORF_-_3340350	3340350	3340358	-	4	9	TTG	TAA	0	0	
mORF_-_3340406	3340406	3340576	-	6	171	GTG	TGA	0	0	
mORF_-_3340420	3340420	3340458	-	5	39	TTG	TAA	0	0	
mORF_-_3340471	3340471	3340572	-	5	102	GTG	TAA	0	0	
mORF_-_3340533	3340533	3340562	-	4	30	ATG	TAG	0	0	
mORF_-_3340569	3340569	3340595	-	4	27	TTG	TGA	0	0	
mORF_-_3340582	3340582	3340599	-	5	18	TTG	TGA	0	0	
mORF_-_3340657	3340657	3340677	-	5	21	ATG	TAA	0	0	
mORF_-_3340674	3340674	3340979	-	4	306	GTG	TGA	0	0	
mORF_-_3340706	3340706	3340732	-	6	27	ATG	TAA	0	0	
mORF_-_3340756	3340756	3340845	-	5	90	TTG	TAA	0	0	
mORF_-_3340811	3340811	3340852	-	6	42	TTG	TAA	0	0	
mORF_-_3340883	3340883	3340897	-	6	15	GTG	TGA	0	0	
mORF_-_3340894	3340894	3340995	-	5	102	ATG	TGA	0	0	
mORF_-_3340961	3340961	3341029	-	6	69	GTG	TGA	0	0	
mORF_-_3340980	3340980	3341003	-	4	24	GTG	TAG	0	0	
mORF_-_3341029	3341029	3341055	-	5	27	GTG	TAG	0	0	
mORF_-_3341073	3341073	3341171	-	4	99	TTG	TGA	0	0	
mORF_-_3341105	3341105	3341137	-	6	33	ATG	TAA	0	0	
mORF_-_3341184	3341184	3341210	-	4	27	TTG	TAG	0	0	
mORF_-_3341188	3341188	3341232	-	5	45	TTG	TAA	0	0	
mORF_-_3341207	3341207	3341215	-	6	9	GTG	TGA	0	0	
mORF_-_3341229	3341229	3341366	-	4	138	TTG	TGA	0	0	
mORF_-_3341303	3341303	3341323	-	6	21	ATG	TGA	0	0	
mORF_-_3341356	3341356	3341496	-	5	141	GTG	TAA	0	0	
mORF_-_3341390	3341390	3341398	-	6	9	ATG	TAA	0	0	
mORF_-_3341409	3341409	3341417	-	4	9	TTG	TGA	0	0	
mORF_-_3341430	3341430	3341477	-	4	48	ATG	TAA	0	0	
mORF_-_3341450	3341450	3341740	-	6	291	GTG	TGA	0	0	
mORF_-_3341500	3341500	3341613	-	5	114	TTG	TGA	0	0	
mORF_-_3341622	3341622	3341753	-	4	132	TTG	TAA	0	0	
mORF_-_3341686	3341686	3341703	-	5	18	TTG	TAG	0	0	
mORF_-_3341782	3341782	3341826	-	5	45	GTG	TAA	0	0	
mORF_-_3341827	3341827	3341925	-	5	99	TTG	TAA	0	0	
mORF_-_3341859	3341859	3341942	-	4	84	GTG	TGA	0	0	
mORF_-_3341964	3341964	3341996	-	4	33	TTG	TAA	0	0	
mORF_-_3341975	3341975	3342352	-	6	378	GTG	TAA	1	3	pORF_-_3341975
mORF_-_3342001	3342001	3342099	-	5	99	GTG	TAG	0	0	
mORF_-_3342042	3342042	3342077	-	4	36	TTG	TGA	0	0	
mORF_-_3342103	3342103	3342147	-	5	45	ATG	TAG	0	0	
mORF_-_3342165	3342165	3342218	-	4	54	GTG	TGA	0	0	
mORF_-_3342208	3342208	3342231	-	5	24	ATG	TAG	0	0	
mORF_-_3342243	3342243	3342419	-	4	177	GTG	TGA	0	0	
mORF_-_3342340	3342340	3342552	-	5	213	TTG	TGA	0	0	
mORF_-_3342374	3342374	3342619	-	6	246	GTG	TGA	0	0	
mORF_-_3342540	3342540	3342566	-	4	27	GTG	TGA	0	0	
mORF_-_3342598	3342598	3342798	-	5	201	TTG	TGA	0	0	
mORF_-_3342638	3342638	3342652	-	6	15	GTG	TAA	0	0	
mORF_-_3342714	3342714	3342740	-	4	27	ATG	TAA	0	0	
mORF_-_3342764	3342764	3343132	-	6	369	GTG	TAA	0	0	
mORF_-_3342837	3342837	3342893	-	4	57	GTG	TGA	0	0	
mORF_-_3342847	3342847	3343407	-	5	561	ATG	TAG	0	0	
mORF_-_3342894	3342894	3343010	-	4	117	ATG	TGA	0	0	
mORF_-_3343011	3343011	3343037	-	4	27	GTG	TAA	0	0	
mORF_-_3343047	3343047	3343052	-	4	6	ATG	TAG	0	0	

mORF_-_3343104	3343104	3343145	-	4	42	GTG	TAA	0	0
mORF_-_3343194	3343194	3343397	-	4	204	ATG	TAA	0	0
mORF_-_3343274	3343274	3343315	-	6	42	TTG	TAA	0	0
mORF_-_3343404	3343404	3343424	-	4	21	TTG	TGA	0	0
mORF_-_3343417	3343417	3343428	-	5	12	GTG	TAA	0	0
mORF_-_3343425	3343425	3343556	-	4	132	ATG	TGA	0	0
mORF_-_3343441	3343441	3343644	-	5	204	GTG	TAA	0	0
mORF_-_3343587	3343587	3343637	-	4	51	TTG	TGA	0	0
mORF_-_3343644	3343644	3343925	-	4	282	ATG	TAG	0	0
mORF_-_3343727	3343727	3343918	-	6	192	GTG	TGA	0	0
mORF_-_3343756	3343756	3343956	-	5	201	GTG	TAG	0	0
mORF_-_3343953	3343953	3344177	-	4	225	TTG	TGA	0	0
mORF_-_3344062	3344062	3344085	-	5	24	TTG	TAA	0	0
mORF_-_3344090	3344090	3344338	-	6	249	GTG	TGA	0	0
mORF_-_3344146	3344146	3344298	-	5	153	TTG	TGA	0	0
mORF_-_3344229	3344229	3344240	-	4	12	GTG	TGA	0	0
mORF_-_3344305	3344305	3344340	-	5	36	GTG	TAG	0	0
mORF_-_3344331	3344331	3344537	-	4	207	ATG	TGA	0	0
mORF_-_3344342	3344342	3344380	-	6	39	ATG	TGA	0	0
mORF_-_3344395	3344395	3344454	-	5	60	TTG	TGA	0	0
mORF_-_3344423	3344423	3344494	-	6	72	TTG	TAA	0	0
mORF_-_3344479	3344479	3344568	-	5	90	GTG	TAG	0	0
mORF_-_3344495	3344495	3344527	-	6	33	GTG	TAA	0	0
mORF_-_3344598	3344598	3344618	-	4	21	TTG	TAA	0	0
mORF_-_3344621	3344621	3344905	-	6	285	TTG	TAG	0	0
mORF_-_3344674	3344674	3344703	-	5	30	ATG	TGA	0	0
mORF_-_3344740	3344740	3344823	-	5	84	TTG	TGA	0	0
mORF_-_3344863	3344863	3345006	-	5	144	ATG	TGA	0	0
mORF_-_3344915	3344915	3344965	-	6	51	ATG	TAA	0	0
mORF_-_3345017	3345017	3345052	-	6	36	TTG	TAA	0	0
mORF_-_3345049	3345049	3345138	-	5	90	ATG	TGA	0	0
mORF_-_3345214	3345214	3345300	-	5	87	ATG	TAA	0	0
mORF_-_3345294	3345294	3345374	-	4	81	GTG	TGA	0	0
mORF_-_3345371	3345371	3345379	-	6	9	TTG	TGA	0	0
mORF_-_3345410	3345410	3345445	-	6	36	ATG	TAA	0	0
mORF_-_3345421	3345421	3345489	-	5	69	TTG	TAA	0	0
mORF_-_3345545	3345545	3345784	-	6	240	GTG	TGA	0	0
mORF_-_3345559	3345559	3345645	-	5	87	TTG	TGA	0	0
mORF_-_3345657	3345657	3345728	-	4	72	TTG	TAG	0	0
mORF_-_3345670	3345670	3345786	-	5	117	TTG	TAA	0	0
mORF_-_3345808	3345808	3345846	-	5	39	TTG	TAG	0	0
mORF_-_3345824	3345824	3345916	-	6	93	TTG	TAA	0	0
mORF_-_3345828	3345828	3346163	-	4	336	TTG	TAG	0	0
mORF_-_3345853	3345853	3345870	-	5	18	ATG	TAG	0	0
mORF_-_3345925	3345925	3346035	-	5	111	ATG	TAG	0	0
mORF_-_3345956	3345956	3345964	-	6	9	ATG	TGA	0	0
mORF_-_3346013	3346013	3346048	-	6	36	TTG	TGA	0	0
mORF_-_3346133	3346133	3346213	-	6	81	GTG	TAA	0	0
mORF_-_3346235	3346235	3346282	-	6	48	TTG	TAA	0	0
mORF_-_3346257	3346257	3346337	-	4	81	TTG	TAA	0	0
mORF_-_3346267	3346267	3346278	-	5	12	ATG	TGA	0	0
mORF_-_3346289	3346289	3346318	-	6	30	GTG	TGA	0	0
mORF_-_3346315	3346315	3346371	-	5	57	GTG	TGA	0	0
mORF_-_3346344	3346344	3346355	-	4	12	ATG	TGA	0	0
mORF_-_3346374	3346374	3346406	-	4	33	ATG	TGA	0	0
mORF_-_3346426	3346426	3346437	-	5	12	ATG	TAA	0	0
mORF_-_3346449	3346449	3346508	-	4	60	GTG	TGA	0	0
mORF_-_3346483	3346483	3346575	-	5	93	ATG	TAA	0	0
mORF_-_3346527	3346527	3346562	-	4	36	TTG	TAA	0	0
mORF_-_3346612	3346612	3346629	-	5	18	ATG	TAA	0	0
mORF_-_3346642	3346642	3346800	-	5	159	TTG	TAA	0	0
mORF_-_3346710	3346710	3346748	-	4	39	ATG	TAG	0	0
mORF_-_3346748	3346748	3346798	-	6	51	GTG	TAA	0	0

mORF_-_3346779	3346779	3346793	-	4	15	ATG	TAA	0	0	
mORF_-_3346810	3346810	3346890	-	5	81	GTG	TAG	0	0	
mORF_-_3346887	3346887	3347090	-	4	204	GTG	TGA	1	2	pORF_-_3346887
mORF_-_3346903	3346903	3346995	-	5	93	TTG	TGA	0	0	
mORF_-_3346910	3346910	3346957	-	6	48	GTG	TAA	0	0	
mORF_-_3347002	3347002	3347061	-	5	60	TTG	TAA	0	0	
mORF_-_3347087	3347087	3347137	-	6	51	GTG	TGA	0	0	
mORF_-_3347103	3347103	3347831	-	4	729	ATG	TAA	0	0	
mORF_-_3347134	3347134	3347169	-	5	36	GTG	TGA	0	0	
mORF_-_3347141	3347141	3347332	-	6	192	TTG	TAG	0	0	
mORF_-_3347399	3347399	3347590	-	6	192	TTG	TAA	0	0	
mORF_-_3347431	3347431	3347445	-	5	15	ATG	TAG	0	0	
mORF_-_3347563	3347563	3347610	-	5	48	GTG	TGA	0	0	
mORF_-_3347591	3347591	3347668	-	6	78	ATG	TGA	0	0	
mORF_-_3347699	3347699	3347770	-	6	72	TTG	TAA	0	0	
mORF_-_3347824	3347824	3347973	-	5	150	ATG	TAA	0	0	
mORF_-_3347828	3347828	3348490	-	6	663	ATG	TGA	21	176	pORF_-_3347828
mORF_-_3347952	3347952	3347966	-	4	15	GTG	TGA	0	0	
mORF_-_3348015	3348015	3348080	-	4	66	GTG	TGA	0	0	
mORF_-_3348028	3348028	3348090	-	5	63	TTG	TGA	0	0	
mORF_-_3348130	3348130	3348171	-	5	42	TTG	TAA	0	0	
mORF_-_3348141	3348141	3348152	-	4	12	ATG	TGA	0	0	
mORF_-_3348178	3348178	3348213	-	5	36	TTG	TAA	0	0	
mORF_-_3348214	3348214	3348264	-	5	51	GTG	TGA	0	0	
mORF_-_3348271	3348271	3348288	-	5	18	TTG	TAA	0	0	
mORF_-_3348289	3348289	3348297	-	5	9	ATG	TGA	0	0	
mORF_-_3348325	3348325	3348384	-	5	60	GTG	TAA	0	0	
mORF_-_3348409	3348409	3348441	-	5	33	ATG	TGA	0	0	
mORF_-_3348438	3348438	3348515	-	4	78	ATG	TGA	0	0	
mORF_-_3348463	3348463	3348471	-	5	9	TTG	TAA	0	0	
mORF_-_3348487	3348487	3348570	-	5	84	TTG	TGA	0	0	
mORF_-_3348524	3348524	3348550	-	6	27	ATG	TAA	0	0	
mORF_-_3348543	3348543	3348575	-	4	33	ATG	TGA	0	0	
mORF_-_3348572	3348572	3348640	-	6	69	ATG	TGA	0	0	
mORF_-_3348637	3348637	3348714	-	5	78	ATG	TGA	0	0	
mORF_-_3348647	3348647	3348694	-	6	48	GTG	TAA	0	0	
mORF_-_3348711	3348711	3351047	-	4	2337	ATG	TGA	19	104	pORF_-_3348711
mORF_-_3348718	3348718	3348768	-	5	51	GTG	TAA	0	0	
mORF_-_3348776	3348776	3348913	-	6	138	TTG	TGA	0	0	
mORF_-_3348784	3348784	3348792	-	5	9	ATG	TGA	0	0	
mORF_-_3348935	3348935	3348961	-	6	27	ATG	TGA	0	0	
mORF_-_3348971	3348971	3348982	-	6	12	TTG	TGA	0	0	
mORF_-_3349016	3349016	3349021	-	6	6	TTG	TAG	0	0	
mORF_-_3349088	3349088	3349108	-	6	21	ATG	TGA	0	0	
mORF_-_3349169	3349169	3349192	-	6	24	ATG	TGA	0	0	
mORF_-_3349274	3349274	3349282	-	6	9	GTG	TGA	0	0	
mORF_-_3349379	3349379	3349393	-	6	15	TTG	TGA	0	0	
mORF_-_3349403	3349403	3349432	-	6	30	TTG	TAG	0	0	
mORF_-_3349439	3349439	3349468	-	6	30	ATG	TGA	0	0	
mORF_-_3349469	3349469	3349510	-	6	42	ATG	TGA	0	0	
mORF_-_3349544	3349544	3349666	-	6	123	ATG	TGA	0	0	
mORF_-_3349676	3349676	3350074	-	6	399	ATG	TGA	1	7	pORF_-_3349676
mORF_-_3349822	3349822	3349839	-	5	18	GTG	TAA	0	0	
mORF_-_3350153	3350153	3350263	-	6	111	TTG	TGA	0	0	
mORF_-_3350270	3350270	3350365	-	6	96	ATG	TGA	0	0	
mORF_-_3350320	3350320	3350358	-	5	39	GTG	TGA	0	0	
mORF_-_3350369	3350369	3350443	-	6	75	ATG	TGA	0	0	
mORF_-_3350486	3350486	3350635	-	6	150	TTG	TGA	0	0	
mORF_-_3350639	3350639	3350692	-	6	54	TTG	TGA	0	0	
mORF_-_3350702	3350702	3350713	-	6	12	TTG	TAA	0	0	
mORF_-_3350716	3350716	3350847	-	5	132	GTG	TAA	0	0	
mORF_-_3350855	3350855	3350908	-	6	54	ATG	TGA	0	0	
mORF_-_3350921	3350921	3350947	-	6	27	TTG	TAA	0	0	

mORF_-_3351005	3351005	3351016	-	6	12	ATG	TGA	0	0
mORF_-_3351010	3351010	3351078	-	5	69	TTG	TGA	0	0
mORF_-_3351047	3351047	3351088	-	6	42	TTG	TAA	0	0
mORF_-_3351060	3351060	3351068	-	4	9	TTG	TGA	0	0
mORF_-_3351103	3351103	3351201	-	5	99	ATG	TAA	0	0
mORF_-_3351135	3351135	3351164	-	4	30	GTG	TGA	0	0
mORF_-_3351143	3351143	3352105	-	6	963	TTG	TAG	0	0
mORF_-_3351198	3351198	3351251	-	4	54	GTG	TGA	0	0
mORF_-_3351202	3351202	3351261	-	5	60	TTG	TGA	0	0
mORF_-_3351328	3351328	3351366	-	5	39	TTG	TGA	0	0
mORF_-_3351415	3351415	3351420	-	5	6	TTG	TGA	0	0
mORF_-_3351439	3351439	3351519	-	5	81	TTG	TAA	0	0
mORF_-_3351459	3351459	3351488	-	4	30	ATG	TGA	0	0
mORF_-_3351489	3351489	3351533	-	4	45	GTG	TGA	0	0
mORF_-_3351538	3351538	3351744	-	5	207	TTG	TGA	0	0
mORF_-_3351588	3351588	3351653	-	4	66	GTG	TGA	0	0
mORF_-_3351672	3351672	3351734	-	4	63	GTG	TAA	0	0
mORF_-_3351757	3351757	3351801	-	5	45	TTG	TGA	0	0
mORF_-_3351853	3351853	3351966	-	5	114	GTG	TAG	0	0
mORF_-_3351997	3351997	3352044	-	5	48	TTG	TGA	0	0
mORF_-_3352035	3352035	3352115	-	4	81	ATG	TGA	0	0
mORF_-_3352118	3352118	3352222	-	6	105	GTG	TAA	0	0
mORF_-_3352144	3352144	3352182	-	5	39	TTG	TGA	0	0
mORF_-_3352189	3352189	3352203	-	5	15	ATG	TAA	0	0
mORF_-_3352210	3352210	3352215	-	5	6	ATG	TGA	0	0
mORF_-_3352229	3352229	3352285	-	6	57	ATG	TAA	0	0
mORF_-_3352266	3352266	3352301	-	4	36	TTG	TAA	0	0
mORF_-_3352332	3352332	3352340	-	4	9	TTG	TGA	0	0
mORF_-_3352337	3352337	3352360	-	6	24	GTG	TGA	0	0
mORF_-_3352354	3352354	3352362	-	5	9	GTG	TAA	0	0
mORF_-_3352374	3352374	3352445	-	4	72	ATG	TGA	0	0
mORF_-_3352438	3352438	3352497	-	5	60	ATG	TGA	0	0
mORF_-_3352442	3352442	3352474	-	6	33	ATG	TGA	0	0
mORF_-_3352464	3352464	3352664	-	4	201	TTG	TAG	0	0
mORF_-_3352508	3352508	3352570	-	6	63	ATG	TGA	0	0
mORF_-_3352598	3352598	3352660	-	6	63	GTG	TGA	0	0
mORF_-_3352606	3352606	3352869	-	5	264	GTG	TAA	0	0
mORF_-_3352740	3352740	3352949	-	4	210	ATG	TGA	0	0
mORF_-_3352817	3352817	3353041	-	6	225	GTG	TAG	0	0
mORF_-_3352921	3352921	3352926	-	5	6	TTG	TAA	0	0
mORF_-_3352975	3352975	3353547	-	5	573	GTG	TAA	0	0
mORF_-_3352986	3352986	3353261	-	4	276	TTG	TAG	0	0
mORF_-_3353108	3353108	3353197	-	6	90	GTG	TAG	0	0
mORF_-_3353268	3353268	3353300	-	4	33	ATG	TAG	0	0
mORF_-_3353340	3353340	3353411	-	4	72	GTG	TAA	0	0
mORF_-_3353445	3353445	3353480	-	4	36	GTG	TAG	0	0
mORF_-_3353477	3353477	3353527	-	6	51	GTG	TGA	0	0
mORF_-_3353511	3353511	3353762	-	4	252	ATG	TAA	0	0
mORF_-_3353531	3353531	3353557	-	6	27	GTG	TAA	0	0
mORF_-_3353636	3353636	3353665	-	6	30	GTG	TGA	0	0
mORF_-_3353656	3353656	3354390	-	5	735	GTG	TAA	0	0
mORF_-_3353826	3353826	3353855	-	4	30	GTG	TAG	0	0
mORF_-_3353883	3353883	3354104	-	4	222	GTG	TAA	0	0
mORF_-_3353939	3353939	3354010	-	6	72	ATG	TAA	0	0
mORF_-_3354128	3354128	3354220	-	6	93	ATG	TAA	0	0
mORF_-_3354237	3354237	3354248	-	4	12	ATG	TGA	0	0
mORF_-_3354258	3354258	3354338	-	4	81	GTG	TAG	0	0
mORF_-_3354287	3354287	3354298	-	6	12	TTG	TAG	0	0
mORF_-_3354394	3354394	3354813	-	5	420	ATG	TAA	0	0
mORF_-_3354420	3354420	3354443	-	4	24	GTG	TAG	0	0
mORF_-_3354462	3354462	3354569	-	4	108	GTG	TAG	0	0
mORF_-_3354666	3354666	3354695	-	4	30	ATG	TGA	0	0
mORF_-_3354761	3354761	3354772	-	6	12	ATG	TAG	0	0

mORF_-_3354780	3354780	3354824	-	4	45	TTG	TAG	0	0
mORF_-_3354828	3354828	3354848	-	4	21	TTG	TAA	0	0
mORF_-_3354849	3354849	3354911	-	4	63	ATG	TAG	0	0
mORF_-_3354918	3354918	3355079	-	4	162	ATG	TAA	0	0
mORF_-_3354952	3354952	3355170	-	5	219	TTG	TAG	0	0
mORF_-_3354992	3354992	3355012	-	6	21	TTG	TGA	0	0
mORF_-_3355128	3355128	3355151	-	4	24	GTG	TAG	0	0
mORF_-_3355191	3355191	3355394	-	4	204	ATG	TGA	0	0
mORF_-_3355211	3355211	3355252	-	6	42	TTG	TAA	0	0
mORF_-_3355274	3355274	3355300	-	6	27	TTG	TGA	0	0
mORF_-_3355348	3355348	3355662	-	5	315	GTG	TAA	0	0
mORF_-_3355440	3355440	3355529	-	4	90	ATG	TAG	0	0
mORF_-_3355572	3355572	3355595	-	4	24	GTG	TGA	0	0
mORF_-_3355599	3355599	3355610	-	4	12	TTG	TAA	0	0
mORF_-_3355668	3355668	3355772	-	4	105	ATG	TAG	0	0
mORF_-_3355715	3355715	3355789	-	6	75	TTG	TAA	0	0
mORF_-_3355794	3355794	3355814	-	4	21	ATG	TAA	0	0
mORF_-_3355808	3355808	3355855	-	6	48	ATG	TGA	0	0
mORF_-_3355821	3355821	3355835	-	4	15	GTG	TAG	0	0
mORF_-_3355852	3355852	3355935	-	5	84	GTG	TGA	0	0
mORF_-_3355932	3355932	3356081	-	4	150	TTG	TGA	0	0
mORF_-_3355985	3355985	3356146	-	6	162	ATG	TGA	0	0
mORF_-_3356059	3356059	3356403	-	5	345	TTG	TAG	0	0
mORF_-_3356103	3356103	3356114	-	4	12	TTG	TGA	0	0
mORF_-_3356133	3356133	3356150	-	4	18	TTG	TGA	0	0
mORF_-_3356160	3356160	3356279	-	4	120	TTG	TAA	0	0
mORF_-_3356171	3356171	3356218	-	6	48	GTG	TAA	0	0
mORF_-_3356270	3356270	3356341	-	6	72	GTG	TGA	0	0
mORF_-_3356343	3356343	3356465	-	4	123	GTG	TAG	0	0
mORF_-_3356491	3356491	3356514	-	5	24	GTG	TGA	0	0
mORF_-_3356520	3356520	3356630	-	4	111	TTG	TGA	0	0
mORF_-_3356555	3356555	3356713	-	6	159	TTG	TGA	0	0
mORF_-_3356634	3356634	3356912	-	4	279	ATG	TAG	0	0
mORF_-_3356662	3356662	3356706	-	5	45	ATG	TAA	0	0
mORF_-_3356928	3356928	3357041	-	4	114	GTG	TAA	0	0
mORF_-_3356989	3356989	3357057	-	5	69	ATG	TAA	0	0
mORF_-_3357038	3357038	3357100	-	6	63	TTG	TGA	0	0
mORF_-_3357066	3357066	3357110	-	4	45	GTG	TGA	0	0
mORF_-_3357097	3357097	3357753	-	5	657	ATG	TGA	0	0
mORF_-_3357125	3357125	3357220	-	6	96	TTG	TAA	0	0
mORF_-_3357237	3357237	3357293	-	4	57	TTG	TGA	0	0
mORF_-_3357242	3357242	3357379	-	6	138	ATG	TAA	0	0
mORF_-_3357312	3357312	3357407	-	4	96	TTG	TAA	0	0
mORF_-_3357408	3357408	3357584	-	4	177	ATG	TAG	0	0
mORF_-_3357591	3357591	3357599	-	4	9	TTG	TAG	0	0
mORF_-_3357750	3357750	3357866	-	4	117	TTG	TGA	0	0
mORF_-_3357863	3357863	3357952	-	6	90	TTG	TGA	0	0
mORF_-_3357945	3357945	3358112	-	4	168	GTG	TGA	0	0
mORF_-_3358030	3358030	3358455	-	5	426	GTG	TAA	0	0
mORF_-_3358170	3358170	3358526	-	4	357	TTG	TAG	0	0
mORF_-_3358406	3358406	3358474	-	6	69	GTG	TGA	0	0
mORF_-_3358471	3358471	3358650	-	5	180	TTG	TGA	0	0
mORF_-_3358616	3358616	3358834	-	6	219	TTG	TAA	0	0
mORF_-_3358678	3358678	3358761	-	5	84	TTG	TGA	0	0
mORF_-_3358777	3358777	3358818	-	5	42	ATG	TGA	0	0
mORF_-_3358819	3358819	3358824	-	5	6	TTG	TAA	0	0
mORF_-_3358831	3358831	3358857	-	5	27	TTG	TGA	0	0
mORF_-_3358842	3358842	3358889	-	4	48	ATG	TAA	0	0
mORF_-_3358886	3358886	3358942	-	6	57	TTG	TGA	0	0
mORF_-_3358957	3358957	3358992	-	5	36	ATG	TAA	0	0
mORF_-_3358973	3358973	3359083	-	6	111	ATG	TAG	0	0
mORF_-_3358980	3358980	3359024	-	4	45	GTG	TGA	0	0
mORF_-_3359011	3359011	3359019	-	5	9	TTG	TGA	0	0

mORF_-_3359044	3359044	3359091	-	5	48	TTG	TGA	0	0
mORF_-_3359112	3359112	3359129	-	4	18	GTG	TAA	0	0
mORF_-_3359120	3359120	3359125	-	6	6	ATG	TAA	0	0
mORF_-_3359126	3359126	3359131	-	6	6	TTG	TGA	0	0
mORF_-_3359150	3359150	3359197	-	6	48	ATG	TGA	0	0
mORF_-_3359194	3359194	3359355	-	5	162	ATG	TGA	0	0
mORF_-_3359217	3359217	3359222	-	4	6	TTG	TGA	0	0
mORF_-_3359229	3359229	3359258	-	4	30	ATG	TAG	0	0
mORF_-_3359259	3359259	3359282	-	4	24	TTG	TGA	0	0
mORF_-_3359294	3359294	3359422	-	6	129	TTG	TAA	0	0
mORF_-_3359301	3359301	3359327	-	4	27	ATG	TGA	0	0
mORF_-_3359340	3359340	3359531	-	4	192	ATG	TAA	0	0
mORF_-_3359419	3359419	3359490	-	5	72	TTG	TGA	0	0
mORF_-_3359500	3359500	3359529	-	5	30	GTG	TGA	0	0
mORF_-_3359548	3359548	3359637	-	5	90	ATG	TAA	0	0
mORF_-_3359594	3359594	3359719	-	6	126	GTG	TAA	0	0
mORF_-_3359607	3359607	3359633	-	4	27	ATG	TAG	0	0
mORF_-_3359652	3359652	3359753	-	4	102	ATG	TAG	0	0
mORF_-_3359707	3359707	3359739	-	5	33	GTG	TGA	0	0
mORF_-_3359754	3359754	3359834	-	4	81	GTG	TAG	0	0
mORF_-_3359803	3359803	3359940	-	5	138	GTG	TAA	0	0
mORF_-_3359950	3359950	3359994	-	5	45	ATG	TGA	0	0
mORF_-_3360006	3360006	3360059	-	4	54	ATG	TAG	0	0
mORF_-_3360029	3360029	3360037	-	6	9	ATG	TAG	0	0
mORF_-_3360046	3360046	3360078	-	5	33	ATG	TAA	0	0
mORF_-_3360056	3360056	3360088	-	6	33	TTG	TGA	0	0
mORF_-_3360082	3360082	3360111	-	5	30	ATG	TAA	0	0
mORF_-_3360125	3360125	3360145	-	6	21	GTG	TAA	0	0
mORF_-_3360130	3360130	3360192	-	5	63	GTG	TAA	0	0
mORF_-_3360147	3360147	3360152	-	4	6	ATG	TAA	0	0
mORF_-_3360162	3360162	3360212	-	4	51	ATG	TAA	0	0
mORF_-_3360212	3360212	3360277	-	6	66	ATG	TGA	0	0
mORF_-_3360258	3360258	3360329	-	4	72	TTG	TAA	0	0
mORF_-_3360289	3360289	3360321	-	5	33	TTG	TAA	0	0
mORF_-_3360335	3360335	3360382	-	6	48	TTG	TAA	0	0
mORF_-_3360354	3360354	3360464	-	4	111	TTG	TAA	0	0
mORF_-_3360395	3360395	3360421	-	6	27	TTG	TAA	0	0
mORF_-_3360400	3360400	3360474	-	5	75	TTG	TGA	0	0
mORF_-_3360486	3360486	3360497	-	4	12	TTG	TAA	0	0
mORF_-_3360502	3360502	3360606	-	5	105	TTG	TGA	0	0
mORF_-_3360509	3360509	3360592	-	6	84	TTG	TAG	0	0
mORF_-_3360635	3360635	3360640	-	6	6	TTG	TAA	0	0
mORF_-_3360672	3360672	3360710	-	4	39	TTG	TAG	0	0
mORF_-_3360685	3360685	3360702	-	5	18	GTG	TAG	0	0
mORF_-_3360692	3360692	3360700	-	6	9	GTG	TAG	0	0
mORF_-_3360711	3360711	3360725	-	4	15	TTG	TAG	0	0
mORF_-_3360729	3360729	3360740	-	4	12	TTG	TAG	0	0
mORF_-_3360772	3360772	3360795	-	5	24	GTG	TAA	0	0
mORF_-_3360800	3360800	3360943	-	6	144	GTG	TAA	0	0
mORF_-_3360852	3360852	3360887	-	4	36	TTG	TAG	0	0
mORF_-_3360943	3360943	3360969	-	5	27	ATG	TAG	0	0
mORF_-_3360956	3360956	3361012	-	6	57	GTG	TAG	0	0
mORF_-_3360969	3360969	3361079	-	4	111	ATG	TAA	0	0
mORF_-_3361021	3361021	3361107	-	5	87	TTG	TGA	0	0
mORF_-_3361052	3361052	3361180	-	6	129	TTG	TAG	0	0
mORF_-_3361164	3361164	3361259	-	4	96	GTG	TAG	0	0
mORF_-_3361181	3361181	3361189	-	6	9	ATG	TGA	0	0
mORF_-_3361214	3361214	3361228	-	6	15	GTG	TAA	0	0
mORF_-_3361256	3361256	3361270	-	6	15	TTG	TGA	0	0
mORF_-_3361328	3361328	3361360	-	6	33	GTG	TAG	0	0
mORF_-_3361393	3361393	3361419	-	5	27	TTG	TAA	0	0
mORF_-_3361404	3361404	3361430	-	4	27	GTG	TGA	0	0
mORF_-_3361412	3361412	3361432	-	6	21	ATG	TAA	0	0

mORF_-_3361433	3361433	3361453	-	6	21	TTG	TGA	0	0	
mORF_-_3361450	3361450	3361653	-	5	204	TTG	TGA	0	0	
mORF_-_3361461	3361461	3361517	-	4	57	TTG	TGA	0	0	
mORF_-_3361481	3361481	3361489	-	6	9	GTG	TAA	0	0	
mORF_-_3361514	3361514	3361576	-	6	63	ATG	TGA	0	0	
mORF_-_3361545	3361545	3361622	-	4	78	GTG	TAA	0	0	
mORF_-_3361604	3361604	3361693	-	6	90	ATG	TAA	0	0	
mORF_-_3361660	3361660	3361809	-	5	150	ATG	TAA	0	0	
mORF_-_3361665	3361665	3361775	-	4	111	TTG	TGA	0	0	
mORF_-_3361776	3361776	3361793	-	4	18	GTG	TAG	0	0	
mORF_-_3361799	3361799	3361873	-	6	75	GTG	TAA	0	0	
mORF_-_3361883	3361883	3361924	-	6	42	TTG	TAA	0	0	
mORF_-_3361937	3361937	3361969	-	6	33	TTG	TAA	0	0	
mORF_-_3361999	3361999	3362016	-	5	18	TTG	TAA	0	0	
mORF_-_3362018	3362018	3362110	-	6	93	TTG	TAA	0	0	
mORF_-_3362044	3362044	3362052	-	5	9	TTG	TGA	0	0	
mORF_-_3362079	3362079	3362120	-	4	42	GTG	TAG	0	0	
mORF_-_3362104	3362104	3362136	-	5	33	ATG	TAG	0	0	
mORF_-_3362169	3362169	3362192	-	4	24	GTG	TAA	0	0	
mORF_-_3362193	3362193	3362243	-	4	51	ATG	TAA	0	0	
mORF_-_3362243	3362243	3362287	-	6	45	TTG	TGA	0	0	
mORF_-_3362265	3362265	3362342	-	4	78	TTG	TAA	0	0	
mORF_-_3362284	3362284	3362355	-	5	72	TTG	TGA	0	0	
mORF_-_3362397	3362397	3362441	-	4	45	GTG	TAG	0	0	
mORF_-_3362408	3362408	3362443	-	6	36	GTG	TGA	0	0	
mORF_-_3362428	3362428	3362475	-	5	48	GTG	TGA	0	0	
mORF_-_3362475	3362475	3362492	-	4	18	ATG	TAG	0	0	
mORF_-_3362503	3362503	3362601	-	5	99	TTG	TGA	0	0	
mORF_-_3362541	3362541	3362585	-	4	45	TTG	TGA	0	0	
mORF_-_3362592	3362592	3362597	-	4	6	GTG	TAA	0	0	
mORF_-_3362603	3362603	3362701	-	6	99	GTG	TGA	0	0	
mORF_-_3362643	3362643	3362648	-	4	6	TTG	TAA	0	0	
mORF_-_3362659	3362659	3362679	-	5	21	ATG	TGA	0	0	
mORF_-_3362682	3362682	3362747	-	4	66	TTG	TGA	0	0	
mORF_-_3362711	3362711	3362734	-	6	24	TTG	TGA	0	0	
mORF_-_3362765	3362765	3362770	-	6	6	ATG	TAA	0	0	
mORF_-_3362772	3362772	3363041	-	4	270	TTG	TGA	0	0	
mORF_-_3362813	3362813	3362902	-	6	90	TTG	TGA	0	0	
mORF_-_3362842	3362842	3362961	-	5	120	TTG	TGA	0	0	
mORF_-_3362945	3362945	3362971	-	6	27	ATG	TGA	0	0	
mORF_-_3362981	3362981	3363055	-	6	75	ATG	TGA	0	0	
mORF_-_3363042	3363042	3363101	-	4	60	ATG	TAG	0	0	
mORF_-_3363089	3363089	3363133	-	6	45	ATG	TGA	0	0	
mORF_-_3363106	3363106	3363129	-	5	24	TTG	TAG	0	0	
mORF_-_3363130	3363130	3363369	-	5	240	TTG	TGA	0	0	
mORF_-_3363146	3363146	3363250	-	6	105	ATG	TAA	0	0	
mORF_-_3363180	3363180	3363353	-	4	174	TTG	TAG	0	0	
mORF_-_3363257	3363257	3363286	-	6	30	ATG	TGA	0	0	
mORF_-_3363299	3363299	3363373	-	6	75	GTG	TAG	0	0	
mORF_-_3363354	3363354	3363404	-	4	51	ATG	TAA	0	0	
mORF_-_3363413	3363413	3363559	-	6	147	GTG	TGA	0	0	
mORF_-_3363427	3363427	3363573	-	5	147	TTG	TAG	0	0	
mORF_-_3363574	3363574	3363624	-	5	51	ATG	TAA	0	0	
mORF_-_3363621	3363621	3363629	-	4	9	ATG	TGA	0	0	
mORF_-_3363626	3363626	3363637	-	6	12	ATG	TGA	0	0	
mORF_-_3363679	3363679	3363702	-	5	24	ATG	TAG	0	0	
mORF_-_3363683	3363683	3363742	-	6	60	GTG	TAA	0	0	
mORF_-_3363724	3363724	3364740	-	5	1017	ATG	TAA	46	158	pORF_-_3363724
mORF_-_3363984	3363984	3364103	-	4	120	ATG	TGA	0	0	
mORF_-_3364100	3364100	3364189	-	6	90	GTG	TGA	0	0	
mORF_-_3364137	3364137	3364163	-	4	27	TTG	TGA	0	0	
mORF_-_3364173	3364173	3364277	-	4	105	ATG	TGA	0	0	
mORF_-_3364386	3364386	3364484	-	4	99	ATG	TGA	0	0	

mORF_-_3364415	3364415	3364501	-	6	87	TTG	TAG	0	0
mORF_-_3364488	3364488	3364676	-	4	189	GTG	TGA	0	0
mORF_-_3364556	3364556	3364606	-	6	51	ATG	TAA	0	0
mORF_-_3364701	3364701	3364748	-	4	48	ATG	TGA	0	0
mORF_-_3364745	3364745	3364819	-	6	75	TTG	TGA	0	0
mORF_-_3364750	3364750	3364788	-	5	39	TTG	TGA	0	0
mORF_-_3364816	3364816	3364923	-	5	108	TTG	TGA	0	0
mORF_-_3364854	3364854	3364865	-	4	12	TTG	TGA	0	0
mORF_-_3364895	3364895	3365023	-	6	129	TTG	TAG	0	0
mORF_-_3364914	3364914	3365075	-	4	162	TTG	TAA	0	0
mORF_-_3364996	3364996	3365004	-	5	9	TTG	TGA	0	0
mORF_-_3365030	3365030	3365065	-	6	36	TTG	TAA	0	0
mORF_-_3365068	3365068	3365103	-	5	36	ATG	TAG	0	0
mORF_-_3365100	3365100	3365111	-	4	12	TTG	TGA	0	0
mORF_-_3365108	3365108	3365149	-	6	42	GTG	TGA	0	0
mORF_-_3365119	3365119	3365130	-	5	12	GTG	TGA	0	0
mORF_-_3365130	3365130	3365234	-	4	105	GTG	TAG	0	0
mORF_-_3365198	3365198	3365215	-	6	18	GTG	TAA	0	0
mORF_-_3365294	3365294	3365332	-	6	39	TTG	TAA	0	0
mORF_-_3365355	3365355	3365477	-	4	123	GTG	TAA	0	0
mORF_-_3365384	3365384	3365422	-	6	39	TTG	TAA	0	0
mORF_-_3365419	3365419	3365502	-	5	84	TTG	TGA	0	0
mORF_-_3365441	3365441	3365464	-	6	24	ATG	TGA	0	0
mORF_-_3365474	3365474	3365545	-	6	72	TTG	TGA	0	0
mORF_-_3365511	3365511	3365564	-	4	54	ATG	TAA	0	0
mORF_-_3365564	3365564	3365587	-	6	24	ATG	TAA	0	0
mORF_-_3365611	3365611	3365670	-	5	60	TTG	TGA	0	0
mORF_-_3365655	3365655	3365696	-	4	42	ATG	TAG	0	0
mORF_-_3365714	3365714	3365791	-	6	78	GTG	TAA	0	0
mORF_-_3365781	3365781	3365822	-	4	42	TTG	TGA	0	0
mORF_-_3365807	3365807	3365815	-	6	9	ATG	TGA	0	0
mORF_-_3365819	3365819	3365833	-	6	15	ATG	TGA	0	0
mORF_-_3365824	3365824	3365874	-	5	51	GTG	TAA	0	0
mORF_-_3365861	3365861	3365911	-	6	51	ATG	TGA	0	0
mORF_-_3365908	3365908	3366051	-	5	144	TTG	TGA	0	0
mORF_-_3365957	3365957	3366010	-	6	54	TTG	TAA	0	0
mORF_-_3366048	3366048	3366227	-	4	180	TTG	TGA	0	0
mORF_-_3366107	3366107	3366157	-	6	51	GTG	TAA	0	0
mORF_-_3366154	3366154	3366276	-	5	123	GTG	TGA	0	0
mORF_-_3366297	3366297	3366413	-	4	117	GTG	TAA	0	0
mORF_-_3366365	3366365	3366376	-	6	12	TTG	TAG	0	0
mORF_-_3366391	3366391	3366714	-	5	324	TTG	TAA	0	0
mORF_-_3366410	3366410	3366415	-	6	6	ATG	TGA	0	0
mORF_-_3366422	3366422	3366472	-	6	51	TTG	TGA	0	0
mORF_-_3366527	3366527	3366562	-	6	36	GTG	TGA	0	0
mORF_-_3366623	3366623	3366670	-	6	48	GTG	TAA	0	0
mORF_-_3366701	3366701	3366772	-	6	72	GTG	TAG	0	0
mORF_-_3366721	3366721	3366756	-	5	36	TTG	TAG	0	0
mORF_-_3366757	3366757	3366801	-	5	45	ATG	TAG	0	0
mORF_-_3366779	3366779	3366898	-	6	120	TTG	TAG	0	0
mORF_-_3366844	3366844	3366870	-	5	27	GTG	TAA	0	0
mORF_-_3366864	3366864	3366941	-	4	78	GTG	TAG	0	0
mORF_-_3367036	3367036	3367500	-	5	465	ATG	TAA	0	0
mORF_-_3367062	3367062	3367124	-	4	63	GTG	TGA	0	0
mORF_-_3367076	3367076	3367105	-	6	30	ATG	TAA	0	0
mORF_-_3367155	3367155	3367271	-	4	117	GTG	TAA	0	0
mORF_-_3367178	3367178	3367192	-	6	15	TTG	TGA	0	0
mORF_-_3367223	3367223	3367228	-	6	6	GTG	TGA	0	0
mORF_-_3367275	3367275	3367295	-	4	21	TTG	TAA	0	0
mORF_-_3367350	3367350	3367358	-	4	9	ATG	TGA	0	0
mORF_-_3367434	3367434	3367490	-	4	57	GTG	TAA	0	0
mORF_-_3367487	3367487	3367654	-	6	168	GTG	TGA	0	0
mORF_-_3367497	3367497	3368411	-	4	915	TTG	TGA	1	0

pORF_-_3367497

mORF_-_3367573	3367573	3367674	-	5	102	TTG	TGA	0	0	
mORF_-_3367700	3367700	3367711	-	6	12	TTG	TGA	0	0	
mORF_-_3367733	3367733	3367900	-	6	168	TTG	TGA	0	0	
mORF_-_3367753	3367753	3368043	-	5	291	ATG	TGA	0	0	
mORF_-_3367961	3367961	3367975	-	6	15	TTG	TAG	0	0	
mORF_-_3368009	3368009	3368071	-	6	63	TTG	TAA	0	0	
mORF_-_3368108	3368108	3368170	-	6	63	GTG	TAG	0	0	
mORF_-_3368174	3368174	3368209	-	6	36	ATG	TAA	0	0	
mORF_-_3368228	3368228	3368320	-	6	93	TTG	TAG	0	0	
mORF_-_3368321	3368321	3368356	-	6	36	TTG	TGA	0	0	
mORF_-_3368369	3368369	3369100	-	6	732	TTG	TGA	2	0	pORF_-_3368369
mORF_-_3368386	3368386	3368421	-	5	36	TTG	TGA	0	0	
mORF_-_3368418	3368418	3368525	-	4	108	ATG	TGA	0	0	
mORF_-_3368446	3368446	3368514	-	5	69	TTG	TGA	0	0	
mORF_-_3368545	3368545	3368610	-	5	66	TTG	TGA	0	0	
mORF_-_3368577	3368577	3368636	-	4	60	ATG	TGA	0	0	
mORF_-_3368668	3368668	3368796	-	5	129	TTG	TGA	0	0	
mORF_-_3368839	3368839	3368850	-	5	12	TTG	TGA	0	0	
mORF_-_3368863	3368863	3368916	-	5	54	TTG	TGA	0	0	
mORF_-_3368938	3368938	3369006	-	5	69	TTG	TAG	0	0	
mORF_-_3369007	3369007	3369048	-	5	42	TTG	TGA	0	0	
mORF_-_3369018	3369018	3369062	-	4	45	ATG	TAA	0	0	
mORF_-_3369069	3369069	3369089	-	4	21	ATG	TAA	0	0	
mORF_-_3369106	3369106	3370626	-	5	1521	GTG	TAA	3	12	pORF_-_3369106
mORF_-_3369123	3369123	3369248	-	4	126	TTG	TAG	0	0	
mORF_-_3369185	3369185	3369217	-	6	33	TTG	TGA	0	0	
mORF_-_3369324	3369324	3369425	-	4	102	TTG	TGA	0	0	
mORF_-_3369426	3369426	3369521	-	4	96	TTG	TGA	0	0	
mORF_-_3369534	3369534	3369605	-	4	72	GTG	TGA	0	0	
mORF_-_3369557	3369557	3369562	-	6	6	TTG	TAG	0	0	
mORF_-_3369590	3369590	3369616	-	6	27	ATG	TGA	0	0	
mORF_-_3369606	3369606	3369653	-	4	48	ATG	TAG	0	0	
mORF_-_3369671	3369671	3369826	-	6	156	ATG	TAA	0	0	
mORF_-_3369690	3369690	3369740	-	4	51	TTG	TGA	0	0	
mORF_-_3369762	3369762	3369857	-	4	96	ATG	TAA	0	0	
mORF_-_3369866	3369866	3369886	-	6	21	GTG	TAA	0	0	
mORF_-_3369912	3369912	3370121	-	4	210	TTG	TAA	0	0	
mORF_-_3370149	3370149	3370361	-	4	213	GTG	TGA	0	0	
mORF_-_3370440	3370440	3370454	-	4	15	GTG	TGA	0	0	
mORF_-_3370482	3370482	3370550	-	4	69	GTG	TAA	0	0	
mORF_-_3370502	3370502	3370570	-	6	69	GTG	TGA	0	0	
mORF_-_3370593	3370593	3370703	-	4	111	TTG	TGA	0	0	
mORF_-_3370673	3370673	3370708	-	6	36	GTG	TGA	0	0	
mORF_-_3370705	3370705	3371598	-	5	894	ATG	TGA	14	18	pORF_-_3370705
mORF_-_3370743	3370743	3370766	-	4	24	ATG	TGA	0	0	
mORF_-_3370763	3370763	3370792	-	6	30	GTG	TGA	0	0	
mORF_-_3370767	3370767	3370811	-	4	45	ATG	TAG	0	0	
mORF_-_3370860	3370860	3370871	-	4	12	TTG	TGA	0	0	
mORF_-_3370877	3370877	3370885	-	6	9	ATG	TAA	0	0	
mORF_-_3370926	3370926	3371063	-	4	138	GTG	TGA	0	0	
mORF_-_3371106	3371106	3371114	-	4	9	GTG	TGA	0	0	
mORF_-_3371115	3371115	3371135	-	4	21	TTG	TAG	0	0	
mORF_-_3371163	3371163	3371171	-	4	9	GTG	TAA	0	0	
mORF_-_3371172	3371172	3371552	-	4	381	TTG	TGA	0	0	
mORF_-_3371312	3371312	3371356	-	6	45	TTG	TAA	0	0	
mORF_-_3371574	3371574	3371663	-	4	90	TTG	TAA	0	0	
mORF_-_3371650	3371650	3371679	-	5	30	ATG	TAA	0	0	
mORF_-_3371660	3371660	3371674	-	6	15	GTG	TGA	0	0	
mORF_-_3371689	3371689	3372198	-	5	510	GTG	TAA	0	0	
mORF_-_3371709	3371709	3371720	-	4	12	ATG	TAG	0	0	
mORF_-_3371720	3371720	3372511	-	6	792	ATG	TAA	9	24	pORF_-_3371720
mORF_-_3372274	3372274	3372294	-	5	21	GTG	TAA	0	0	
mORF_-_3372328	3372328	3372372	-	5	45	GTG	TGA	0	0	

mORF_-_3372382	3372382	3372492	-	5	111	TTG	TGA	0	0	
mORF_-_3372489	3372489	3372548	-	4	60	ATG	TGA	0	0	
mORF_-_3372539	3372539	3372613	-	6	75	ATG	TGA	0	0	
mORF_-_3372645	3372645	3372704	-	4	60	ATG	TAA	0	0	
mORF_-_3372727	3372727	3372741	-	5	15	ATG	TAA	0	0	
mORF_-_3372738	3372738	3372749	-	4	12	ATG	TGA	0	0	
mORF_-_3372755	3372755	3372790	-	6	36	GTG	TAA	0	0	
mORF_-_3372766	3372766	3372774	-	5	9	GTG	TGA	0	0	
mORF_-_3372771	3372771	3372842	-	4	72	TTG	TGA	0	0	
mORF_-_3372775	3372775	3372780	-	5	6	TTG	TAG	0	0	
mORF_-_3372781	3372781	3372891	-	5	111	TTG	TAA	0	0	
mORF_-_3372851	3372851	3372916	-	6	66	ATG	TAA	0	0	
mORF_-_3372953	3372953	3372958	-	6	6	TTG	TAG	0	0	
mORF_-_3372962	3372962	3373045	-	6	84	TTG	TGA	0	0	
mORF_-_3373073	3373073	3373108	-	6	36	ATG	TAA	0	0	
mORF_-_3373154	3373154	3373219	-	6	66	ATG	TAG	0	0	
mORF_-_3373209	3373209	3373265	-	4	57	TTG	TAA	0	0	
mORF_-_3373234	3373234	3373248	-	5	15	TTG	TAA	0	0	
mORF_-_3373250	3373250	3373462	-	6	213	GTG	TAA	0	0	
mORF_-_3373323	3373323	3373589	-	4	267	TTG	TAA	0	0	
mORF_-_3373375	3373375	3373464	-	5	90	ATG	TAA	0	0	
mORF_-_3373475	3373475	3373570	-	6	96	TTG	TAG	0	0	
mORF_-_3373567	3373567	3373785	-	5	219	TTG	TGA	0	0	
mORF_-_3373619	3373619	3374245	-	6	627	GTG	TAA	0	0	
mORF_-_3373644	3373644	3373679	-	4	36	GTG	TAA	0	0	
mORF_-_3373695	3373695	3373706	-	4	12	ATG	TGA	0	0	
mORF_-_3373722	3373722	3373769	-	4	48	ATG	TAA	0	0	
mORF_-_3373878	3373878	3373925	-	4	48	ATG	TAA	0	0	
mORF_-_3374014	3374014	3374022	-	5	9	ATG	TAA	0	0	
mORF_-_3374055	3374055	3374093	-	4	39	ATG	TAG	0	0	
mORF_-_3374146	3374146	3374241	-	5	96	TTG	TAA	0	0	
mORF_-_3374255	3374255	3374263	-	6	9	ATG	TAA	0	0	
mORF_-_3374263	3374263	3374274	-	5	12	TTG	TAA	0	0	
mORF_-_3374301	3374301	3374798	-	4	498	ATG	TAA	12	23	pORF_-_3374301
mORF_-_3374306	3374306	3374446	-	6	141	ATG	TGA	0	0	
mORF_-_3374447	3374447	3374665	-	6	219	ATG	TGA	0	0	
mORF_-_3374696	3374696	3374755	-	6	60	GTG	TGA	0	0	
mORF_-_3374728	3374728	3374742	-	5	15	GTG	TAA	0	0	
mORF_-_3374743	3374743	3374829	-	5	87	GTG	TGA	0	0	
mORF_-_3374804	3374804	3375442	-	6	639	ATG	TAA	45	449	pORF_-_3374804
mORF_-_3374842	3374842	3374871	-	5	30	TTG	TAA	0	0	
mORF_-_3374868	3374868	3374969	-	4	102	TTG	TGA	0	0	
mORF_-_3374893	3374893	3374988	-	5	96	ATG	TGA	0	0	
mORF_-_3374992	3374992	3375066	-	5	75	ATG	TGA	0	0	
mORF_-_3375103	3375103	3375153	-	5	51	GTG	TGA	0	0	
mORF_-_3375178	3375178	3375204	-	5	27	ATG	TGA	0	0	
mORF_-_3375201	3375201	3375236	-	4	36	GTG	TGA	0	0	
mORF_-_3375241	3375241	3375291	-	5	51	TTG	TGA	0	0	
mORF_-_3375340	3375340	3375363	-	5	24	TTG	TAA	0	0	
mORF_-_3375412	3375412	3375573	-	5	162	ATG	TAA	0	0	
mORF_-_3375476	3375476	3375517	-	6	42	TTG	TAG	0	0	
mORF_-_3375510	3375510	3375617	-	4	108	ATG	TAA	0	0	
mORF_-_3375687	3375687	3375734	-	4	48	TTG	TAA	0	0	
mORF_-_3375721	3375721	3375741	-	5	21	TTG	TGA	0	0	
mORF_-_3375770	3375770	3375913	-	6	144	GTG	TAA	0	0	
mORF_-_3375774	3375774	3375836	-	4	63	TTG	TAG	0	0	
mORF_-_3375837	3375837	3376229	-	4	393	ATG	TAA	70	4768	pORF_-_3375837
mORF_-_3375968	3375968	3376057	-	6	90	TTG	TGA	0	0	
mORF_-_3376088	3376088	3376108	-	6	21	GTG	TAG	0	0	
mORF_-_3376142	3376142	3376255	-	6	114	TTG	TAA	0	0	
mORF_-_3376245	3376245	3376748	-	4	504	TTG	TAA	81	2735	pORF_-_3376245
mORF_-_3376307	3376307	3376372	-	6	66	TTG	TGA	0	0	
mORF_-_3376373	3376373	3376396	-	6	24	TTG	TGA	0	0	

mORF_-_3376397	3376397	3376429	-	6	33	GTG	TGA	0	0	
mORF_-_3376481	3376481	3376489	-	6	9	TTG	TAA	0	0	
mORF_-_3376502	3376502	3376522	-	6	21	GTG	TGA	0	0	
mORF_-_3376529	3376529	3376627	-	6	99	ATG	TAG	0	0	
mORF_-_3376673	3376673	3376717	-	6	45	TTG	TAA	0	0	
mORF_-_3376696	3376696	3376713	-	5	18	GTG	TAA	0	0	
mORF_-_3376724	3376724	3376741	-	6	18	GTG	TGA	0	0	
mORF_-_3376738	3376738	3376791	-	5	54	GTG	TGA	0	0	
mORF_-_3376761	3376761	3376958	-	4	198	TTG	TAG	0	0	
mORF_-_3376778	3376778	3376789	-	6	12	GTG	TAG	0	0	
mORF_-_3376838	3376838	3376858	-	6	21	TTG	TAA	0	0	
mORF_-_3376892	3376892	3378019	-	6	1128	ATG	TAA	10	27	pORF_-_3376892
mORF_-_3376915	3376915	3376971	-	5	57	TTG	TGA	0	0	
mORF_-_3376975	3376975	3377019	-	5	45	GTG	TGA	0	0	
mORF_-_3377026	3377026	3377067	-	5	42	TTG	TAG	0	0	
mORF_-_3377101	3377101	3377163	-	5	63	ATG	TGA	0	0	
mORF_-_3377160	3377160	3377303	-	4	144	ATG	TGA	0	0	
mORF_-_3377257	3377257	3377391	-	5	135	GTG	TAG	0	0	
mORF_-_3377328	3377328	3377351	-	4	24	GTG	TGA	0	0	
mORF_-_3377407	3377407	3377484	-	5	78	ATG	TAA	0	0	
mORF_-_3377412	3377412	3377417	-	4	6	TTG	TGA	0	0	
mORF_-_3377542	3377542	3377634	-	5	93	TTG	TGA	0	0	
mORF_-_3377671	3377671	3377682	-	5	12	ATG	TAA	0	0	
mORF_-_3377679	3377679	3377792	-	4	114	GTG	TGA	0	0	
mORF_-_3377779	3377779	3377805	-	5	27	GTG	TAG	0	0	
mORF_-_3377835	3377835	3377843	-	4	9	GTG	TAA	0	0	
mORF_-_3377863	3377863	3377976	-	5	114	ATG	TAA	0	0	
mORF_-_3377986	3377986	3378063	-	5	78	GTG	TGA	0	0	
mORF_-_3378086	3378086	3378091	-	6	6	GTG	TAG	0	0	
mORF_-_3378091	3378091	3378180	-	5	90	GTG	TAG	0	0	
mORF_-_3378135	3378135	3378200	-	4	66	TTG	TAA	0	0	
mORF_-_3378182	3378182	3378409	-	6	228	ATG	TAG	0	0	
mORF_-_3378294	3378294	3378377	-	4	84	GTG	TAG	0	0	
mORF_-_3378370	3378370	3378576	-	5	207	ATG	TAA	0	0	
mORF_-_3378396	3378396	3378668	-	4	273	ATG	TAA	1	5	pORF_-_3378396
mORF_-_3378434	3378434	3378529	-	6	96	TTG	TGA	0	0	
mORF_-_3378613	3378613	3378633	-	5	21	ATG	TAA	0	0	
mORF_-_3378665	3378665	3378685	-	6	21	ATG	TGA	0	0	
mORF_-_3378669	3378669	3378743	-	4	75	ATG	TAA	0	0	
mORF_-_3378688	3378688	3378897	-	5	210	TTG	TAA	0	0	
mORF_-_3378744	3378744	3378776	-	4	33	TTG	TGA	0	0	
mORF_-_3378953	3378953	3378982	-	6	30	TTG	TGA	0	0	
mORF_-_3378979	3378979	3379020	-	5	42	GTG	TGA	0	0	
mORF_-_3379002	3379002	3379022	-	4	21	TTG	TAA	0	0	
mORF_-_3379010	3379010	3379057	-	6	48	TTG	TGA	0	0	
mORF_-_3379035	3379035	3379091	-	4	57	ATG	TAA	0	0	
mORF_-_3379070	3379070	3379087	-	6	18	TTG	TAG	0	0	
mORF_-_3379096	3379096	3379107	-	5	12	GTG	TAA	0	0	
mORF_-_3379121	3379121	3379129	-	6	9	TTG	TGA	0	0	
mORF_-_3379126	3379126	3379152	-	5	27	TTG	TGA	0	0	
mORF_-_3379191	3379191	3379202	-	4	12	TTG	TAA	0	0	
mORF_-_3379199	3379199	3379879	-	6	681	GTG	TGA	0	0	
mORF_-_3379215	3379215	3379301	-	4	87	TTG	TAA	0	0	
mORF_-_3379228	3379228	3379329	-	5	102	ATG	TAG	0	0	
mORF_-_3379390	3379390	3379416	-	5	27	GTG	TAA	0	0	
mORF_-_3379447	3379447	3379524	-	5	78	GTG	TGA	0	0	
mORF_-_3379645	3379645	3379677	-	5	33	TTG	TGA	0	0	
mORF_-_3379714	3379714	3379818	-	5	105	GTG	TGA	0	0	
mORF_-_3379876	3379876	3379899	-	5	24	TTG	TGA	0	0	
mORF_-_3379913	3379913	3379960	-	6	48	TTG	TGA	0	0	
mORF_-_3379917	3379917	3380090	-	4	174	TTG	TAG	0	0	
mORF_-_3379976	3379976	3380113	-	6	138	ATG	TGA	0	0	
mORF_-_3380014	3380014	3380067	-	5	54	TTG	TGA	0	0	

mORF_-_3380129	3380129	3380149	-	6	21	ATG	TAA	0	0	
mORF_-_3380155	3380155	3380322	-	5	168	GTG	TAA	0	0	
mORF_-_3380258	3380258	3380509	-	6	252	GTG	TAA	0	0	
mORF_-_3380404	3380404	3380427	-	5	24	TTG	TAA	0	0	
mORF_-_3380431	3380431	3380475	-	5	45	ATG	TGA	0	0	
mORF_-_3380488	3380488	3380517	-	5	30	TTG	TAA	0	0	
mORF_-_3380527	3380527	3380949	-	5	423	TTG	TGA	0	0	
mORF_-_3380532	3380532	3380570	-	4	39	ATG	TGA	0	0	
mORF_-_3380633	3380633	3380815	-	6	183	GTG	TAA	0	0	
mORF_-_3380637	3380637	3380648	-	4	12	TTG	TAG	0	0	
mORF_-_3380649	3380649	3380657	-	4	9	GTG	TAA	0	0	
mORF_-_3380865	3380865	3380945	-	4	81	TTG	TAA	0	0	
mORF_-_3380939	3380939	3381061	-	6	123	TTG	TAA	0	0	
mORF_-_3380952	3380952	3381026	-	4	75	GTG	TAA	0	0	
mORF_-_3380992	3380992	3380997	-	5	6	ATG	TAG	0	0	
mORF_-_3381072	3381072	3381086	-	4	15	GTG	TAA	0	0	
mORF_-_3381115	3381115	3381159	-	5	45	ATG	TGA	0	0	
mORF_-_3381181	3381181	3381264	-	5	84	ATG	TGA	0	0	
mORF_-_3381258	3381258	3381302	-	4	45	TTG	TGA	0	0	
mORF_-_3381265	3381265	3381285	-	5	21	TTG	TGA	0	0	
mORF_-_3381299	3381299	3381307	-	6	9	TTG	TGA	0	0	
mORF_-_3381337	3381337	3381351	-	5	15	TTG	TAA	0	0	
mORF_-_3381352	3381352	3382356	-	5	1005	TTG	TAA	201	15185	pORF_-_3381352
mORF_-_3381393	3381393	3381431	-	4	39	TTG	TGA	0	0	
mORF_-_3381438	3381438	3381650	-	4	213	TTG	TGA	0	0	
mORF_-_3381527	3381527	3381541	-	6	15	ATG	TGA	0	0	
mORF_-_3381684	3381684	3381785	-	4	102	TTG	TGA	0	0	
mORF_-_3381807	3381807	3381884	-	4	78	GTG	TGA	0	0	
mORF_-_3381894	3381894	3381977	-	4	84	TTG	TGA	0	0	
mORF_-_3381935	3381935	3381955	-	6	21	GTG	TAA	0	0	
mORF_-_3382053	3382053	3382112	-	4	60	GTG	TAG	0	0	
mORF_-_3382152	3382152	3382169	-	4	18	GTG	TGA	0	0	
mORF_-_3382176	3382176	3382193	-	4	18	ATG	TGA	0	0	
mORF_-_3382230	3382230	3382256	-	4	27	TTG	TAA	0	0	
mORF_-_3382317	3382317	3382403	-	4	87	TTG	TAG	0	0	
mORF_-_3382346	3382346	3382378	-	6	33	GTG	TAA	0	0	
mORF_-_3382366	3382366	3382380	-	5	15	ATG	TAA	0	0	
mORF_-_3382382	3382382	3382399	-	6	18	GTG	TGA	0	0	
mORF_-_3382406	3382406	3382420	-	6	15	ATG	TAA	0	0	
mORF_-_3382447	3382447	3382473	-	5	27	ATG	TAA	0	0	
mORF_-_3382466	3382466	3382573	-	6	108	ATG	TAA	0	0	
mORF_-_3382473	3382473	3382502	-	4	30	TTG	TAA	0	0	
mORF_-_3382509	3382509	3382523	-	4	15	TTG	TAG	0	0	
mORF_-_3382531	3382531	3382545	-	5	15	TTG	TGA	0	0	
mORF_-_3382557	3382557	3382598	-	4	42	TTG	TAA	0	0	
mORF_-_3382595	3382595	3382630	-	6	36	ATG	TGA	0	0	
mORF_-_3382627	3382627	3382689	-	5	63	GTG	TGA	0	0	
mORF_-_3382640	3382640	3382669	-	6	30	ATG	TGA	0	0	
mORF_-_3382650	3382650	3382745	-	4	96	TTG	TGA	0	0	
mORF_-_3382676	3382676	3382843	-	6	168	TTG	TGA	0	0	
mORF_-_3382756	3382756	3382764	-	5	9	ATG	TAA	0	0	
mORF_-_3382765	3382765	3382773	-	5	9	ATG	TAA	0	0	
mORF_-_3382773	3382773	3383021	-	4	249	ATG	TAA	0	0	
mORF_-_3382850	3382850	3382909	-	6	60	TTG	TGA	0	0	
mORF_-_3382855	3382855	3383067	-	5	213	GTG	TAG	0	0	
mORF_-_3382922	3382922	3382957	-	6	36	GTG	TAA	0	0	
mORF_-_3382994	3382994	3382999	-	6	6	TTG	TAG	0	0	
mORF_-_3383018	3383018	3383149	-	6	132	TTG	TGA	0	0	
mORF_-_3383146	3383146	3383247	-	5	102	TTG	TGA	0	0	
mORF_-_3383268	3383268	3383306	-	4	39	ATG	TAA	0	0	
mORF_-_3383290	3383290	3383310	-	5	21	GTG	TAA	0	0	
mORF_-_3383303	3383303	3383341	-	6	39	ATG	TGA	0	0	
mORF_-_3383307	3383307	3383348	-	4	42	TTG	TGA	0	0	

mORF_-_3383341	3383341	3383355	-	5	15	ATG	TAA	0	0	
mORF_-_3383359	3383359	3383448	-	5	90	TTG	TAG	0	0	
mORF_-_3383424	3383424	3383438	-	4	15	GTG	TGA	0	0	
mORF_-_3383432	3383432	3383524	-	6	93	TTG	TAA	0	0	
mORF_-_3383473	3383473	3383481	-	5	9	TTG	TAA	0	0	
mORF_-_3383485	3383485	3383517	-	5	33	GTG	TAA	0	0	
mORF_-_3383541	3383541	3383732	-	4	192	TTG	TAA	0	0	
mORF_-_3383567	3383567	3383755	-	6	189	TTG	TGA	0	0	
mORF_-_3383587	3383587	3383934	-	5	348	TTG	TAA	0	0	
mORF_-_3383760	3383760	3383831	-	4	72	ATG	TAG	0	0	
mORF_-_3383879	3383879	3384151	-	6	273	ATG	TAG	2	6	pORF_-_3383879
mORF_-_3383944	3383944	3384018	-	5	75	ATG	TAA	0	0	
mORF_-_3383997	3383997	3384038	-	4	42	ATG	TGA	0	0	
mORF_-_3384025	3384025	3384135	-	5	111	TTG	TAA	0	0	
mORF_-_3384132	3384132	3384209	-	4	78	ATG	TGA	0	0	
mORF_-_3384164	3384164	3384193	-	6	30	ATG	TGA	0	0	
mORF_-_3384243	3384243	3386210	-	4	1968	ATG	TAA	0	0	
mORF_-_3384254	3384254	3384262	-	6	9	ATG	TGA	0	0	
mORF_-_3384308	3384308	3384400	-	6	93	ATG	TGA	0	0	
mORF_-_3384416	3384416	3384490	-	6	75	GTG	TGA	0	0	
mORF_-_3384563	3384563	3384622	-	6	60	ATG	TGA	0	0	
mORF_-_3384629	3384629	3384733	-	6	105	GTG	TGA	0	0	
mORF_-_3384895	3384895	3384903	-	5	9	GTG	TAG	0	0	
mORF_-_3384928	3384928	3385092	-	5	165	GTG	TAA	0	0	
mORF_-_3385043	3385043	3385051	-	6	9	TTG	TAG	0	0	
mORF_-_3385055	3385055	3385153	-	6	99	ATG	TGA	0	0	
mORF_-_3385376	3385376	3385390	-	6	15	TTG	TAG	0	0	
mORF_-_3385538	3385538	3385621	-	6	84	ATG	TGA	0	0	
mORF_-_3385609	3385609	3385737	-	5	129	GTG	TGA	0	0	
mORF_-_3385640	3385640	3385777	-	6	138	TTG	TAA	0	0	
mORF_-_3385759	3385759	3385917	-	5	159	GTG	TAG	0	0	
mORF_-_3385814	3385814	3385819	-	6	6	TTG	TGA	0	0	
mORF_-_3385823	3385823	3385855	-	6	33	ATG	TGA	0	0	
mORF_-_3385946	3385946	3385954	-	6	9	TTG	TGA	0	0	
mORF_-_3385961	3385961	3386077	-	6	117	TTG	TGA	0	0	
mORF_-_3386087	3386087	3386149	-	6	63	TTG	TGA	0	0	
mORF_-_3386165	3386165	3386194	-	6	30	TTG	TAA	0	0	
mORF_-_3386188	3386188	3386394	-	5	207	TTG	TAA	0	0	
mORF_-_3386216	3386216	3387148	-	6	933	GTG	TAA	0	0	
mORF_-_3386247	3386247	3386390	-	4	144	ATG	TAA	0	0	
mORF_-_3386404	3386404	3386472	-	5	69	TTG	TAG	0	0	
mORF_-_3386482	3386482	3386574	-	5	93	ATG	TGA	0	0	
mORF_-_3386590	3386590	3386631	-	5	42	GTG	TGA	0	0	
mORF_-_3386653	3386653	3386664	-	5	12	ATG	TGA	0	0	
mORF_-_3386680	3386680	3386694	-	5	15	TTG	TGA	0	0	
mORF_-_3386734	3386734	3386889	-	5	156	TTG	TAG	0	0	
mORF_-_3386941	3386941	3386964	-	5	24	ATG	TGA	0	0	
mORF_-_3386965	3386965	3387069	-	5	105	ATG	TGA	0	0	
mORF_-_3387145	3387145	3387195	-	5	51	TTG	TGA	0	0	
mORF_-_3387156	3387156	3387428	-	4	273	ATG	TGA	0	0	
mORF_-_3387176	3387176	3387331	-	6	156	TTG	TGA	0	0	
mORF_-_3387356	3387356	3387451	-	6	96	ATG	TGA	0	0	
mORF_-_3387514	3387514	3387639	-	5	126	ATG	TAG	0	0	
mORF_-_3387639	3387639	3387701	-	4	63	GTG	TGA	0	0	
mORF_-_3387643	3387643	3387708	-	5	66	ATG	TGA	0	0	
mORF_-_3387686	3387686	3387787	-	6	102	TTG	TAA	0	0	
mORF_-_3387778	3387778	3387912	-	5	135	TTG	TGA	0	0	
mORF_-_3387798	3387798	3387842	-	4	45	TTG	TGA	0	0	
mORF_-_3387839	3387839	3388102	-	6	264	ATG	TGA	0	0	
mORF_-_3387843	3387843	3387851	-	4	9	GTG	TAG	0	0	
mORF_-_3387918	3387918	3388028	-	4	111	TTG	TAA	0	0	
mORF_-_3388051	3388051	3388071	-	5	21	ATG	TAG	0	0	
mORF_-_3388056	3388056	3388184	-	4	129	GTG	TGA	0	0	

mORF_-_3388099	3388099	3388134	-	5	36	TTG	TGA	0	0	
mORF_-_3388103	3388103	3388186	-	6	84	TTG	TGA	0	0	
mORF_-_3388252	3388252	3388287	-	5	36	TTG	TAG	0	0	
mORF_-_3388284	3388284	3388334	-	4	51	GTG	TGA	0	0	
mORF_-_3388342	3388342	3388398	-	5	57	TTG	TAA	0	0	
mORF_-_3388349	3388349	3388498	-	6	150	TTG	TAA	0	0	
mORF_-_3388438	3388438	3388476	-	5	39	ATG	TGA	0	0	
mORF_-_3388473	3388473	3388565	-	4	93	GTG	TGA	0	0	
mORF_-_3388486	3388486	3388509	-	5	24	TTG	TAA	0	0	
mORF_-_3388532	3388532	3388621	-	6	90	TTG	TGA	0	0	
mORF_-_3388605	3388605	3390050	-	4	1446	ATG	TAA	29	144	pORF_-_3388605
mORF_-_3388640	3388640	3388696	-	6	57	GTG	TGA	0	0	
mORF_-_3388715	3388715	3388768	-	6	54	TTG	TGA	0	0	
mORF_-_3388796	3388796	3388813	-	6	18	TTG	TAA	0	0	
mORF_-_3388814	3388814	3388915	-	6	102	TTG	TGA	0	0	
mORF_-_3388961	3388961	3388996	-	6	36	GTG	TGA	0	0	
mORF_-_3389063	3389063	3389080	-	6	18	TTG	TGA	0	0	
mORF_-_3389081	3389081	3389296	-	6	216	TTG	TGA	0	0	
mORF_-_3389158	3389158	3389172	-	5	15	GTG	TGA	0	0	
mORF_-_3389263	3389263	3389376	-	5	114	ATG	TGA	0	0	
mORF_-_3389300	3389300	3389470	-	6	171	ATG	TAG	0	0	
mORF_-_3389489	3389489	3389518	-	6	30	ATG	TGA	0	0	
mORF_-_3389525	3389525	3389548	-	6	24	TTG	TAG	0	0	
mORF_-_3389555	3389555	3389572	-	6	18	GTG	TAA	0	0	
mORF_-_3389585	3389585	3389659	-	6	75	GTG	TGA	0	0	
mORF_-_3389708	3389708	3389881	-	6	174	ATG	TAG	0	0	
mORF_-_3389900	3389900	3389953	-	6	54	TTG	TAG	0	0	
mORF_-_3390017	3390017	3390031	-	6	15	GTG	TAG	0	0	
mORF_-_3390070	3390070	3390177	-	5	108	ATG	TAA	0	0	
mORF_-_3390090	3390090	3390167	-	4	78	GTG	TAA	0	0	
mORF_-_3390134	3390134	3390268	-	6	135	ATG	TAA	0	0	
mORF_-_3390177	3390177	3390359	-	4	183	ATG	TGA	0	0	
mORF_-_3390226	3390226	3390258	-	5	33	GTG	TAA	0	0	
mORF_-_3390268	3390268	3390366	-	5	99	TTG	TGA	0	0	
mORF_-_3390317	3390317	3390349	-	6	33	GTG	TAA	0	0	
mORF_-_3390359	3390359	3390436	-	6	78	TTG	TGA	0	0	
mORF_-_3390408	3390408	3390461	-	4	54	TTG	TAA	0	0	
mORF_-_3390440	3390440	3390688	-	6	249	TTG	TAA	0	0	
mORF_-_3390475	3390475	3390483	-	5	9	ATG	TGA	0	0	
mORF_-_3390480	3390480	3394280	-	4	3801	GTG	TGA	7	11	pORF_-_3390480
mORF_-_3390496	3390496	3390582	-	5	87	GTG	TAA	0	0	
mORF_-_3390734	3390734	3390862	-	6	129	TTG	TGA	0	0	
mORF_-_3390796	3390796	3390804	-	5	9	GTG	TAA	0	0	
mORF_-_3390878	3390878	3390886	-	6	9	ATG	TGA	0	0	
mORF_-_3390893	3390893	3390976	-	6	84	ATG	TGA	0	0	
mORF_-_3390977	3390977	3391093	-	6	117	TTG	TGA	0	0	
mORF_-_3391118	3391118	3391192	-	6	75	TTG	TGA	0	0	
mORF_-_3391147	3391147	3391155	-	5	9	ATG	TAA	0	0	
mORF_-_3391193	3391193	3391201	-	6	9	ATG	TGA	0	0	
mORF_-_3391211	3391211	3391366	-	6	156	GTG	TAA	0	0	
mORF_-_3391243	3391243	3391287	-	5	45	ATG	TGA	0	0	
mORF_-_3391360	3391360	3391419	-	5	60	GTG	TGA	0	0	
mORF_-_3391439	3391439	3391507	-	6	69	TTG	TAG	0	0	
mORF_-_3391516	3391516	3391632	-	5	117	GTG	TAA	0	0	
mORF_-_3391562	3391562	3391642	-	6	81	ATG	TAA	0	0	
mORF_-_3391643	3391643	3391723	-	6	81	GTG	TGA	0	0	
mORF_-_3391699	3391699	3391716	-	5	18	TTG	TAA	0	0	
mORF_-_3391733	3391733	3391780	-	6	48	GTG	TGA	0	0	
mORF_-_3391793	3391793	3391822	-	6	30	TTG	TAA	0	0	
mORF_-_3391838	3391838	3391849	-	6	12	GTG	TAG	0	0	
mORF_-_3391886	3391886	3391891	-	6	6	ATG	TGA	0	0	
mORF_-_3391913	3391913	3391984	-	6	72	GTG	TAG	0	0	
mORF_-_3391960	3391960	3391971	-	5	12	GTG	TAA	0	0	

mORF_-_3392129	3392129	3392140	-	6	12	GTG	TGA	0	0	
mORF_-_3392234	3392234	3392242	-	6	9	GTG	TGA	0	0	
mORF_-_3392267	3392267	3392296	-	6	30	ATG	TGA	0	0	
mORF_-_3392297	3392297	3392335	-	6	39	GTG	TGA	0	0	
mORF_-_3392348	3392348	3392410	-	6	63	TTG	TGA	0	0	
mORF_-_3392441	3392441	3392488	-	6	48	ATG	TGA	0	0	
mORF_-_3392479	3392479	3392502	-	5	24	ATG	TAA	0	0	
mORF_-_3392495	3392495	3392536	-	6	42	TTG	TGA	0	0	
mORF_-_3392543	3392543	3392698	-	6	156	GTG	TAA	0	0	
mORF_-_3392699	3392699	3392710	-	6	12	TTG	TAA	0	0	
mORF_-_3392726	3392726	3392881	-	6	156	ATG	TGA	0	0	
mORF_-_3392942	3392942	3392953	-	6	12	GTG	TAG	0	0	
mORF_-_3392987	3392987	3393304	-	6	318	TTG	TGA	1	6	pORF_-_3392987
mORF_-_3393013	3393013	3393093	-	5	81	GTG	TGA	0	0	
mORF_-_3393151	3393151	3393183	-	5	33	TTG	TAA	0	0	
mORF_-_3393332	3393332	3393412	-	6	81	GTG	TGA	0	0	
mORF_-_3393428	3393428	3393481	-	6	54	GTG	TGA	0	0	
mORF_-_3393491	3393491	3393505	-	6	15	GTG	TGA	0	0	
mORF_-_3393512	3393512	3393517	-	6	6	ATG	TAA	0	0	
mORF_-_3393533	3393533	3393574	-	6	42	TTG	TGA	0	0	
mORF_-_3393544	3393544	3393591	-	5	48	ATG	TGA	0	0	
mORF_-_3393592	3393592	3393603	-	5	12	GTG	TAA	0	0	
mORF_-_3393608	3393608	3393646	-	6	39	ATG	TGA	0	0	
mORF_-_3393650	3393650	3393667	-	6	18	ATG	TAA	0	0	
mORF_-_3393725	3393725	3393742	-	6	18	GTG	TAA	0	0	
mORF_-_3393812	3393812	3394045	-	6	234	ATG	TGA	0	0	
mORF_-_3394049	3394049	3394090	-	6	42	TTG	TAA	0	0	
mORF_-_3394148	3394148	3394198	-	6	51	TTG	TAG	0	0	
mORF_-_3394210	3394210	3394314	-	5	105	TTG	TAG	0	0	
mORF_-_3394229	3394229	3394234	-	6	6	TTG	TGA	0	0	
mORF_-_3394311	3394311	3394343	-	4	33	ATG	TGA	0	0	
mORF_-_3394348	3394348	3395835	-	5	1488	GTG	TAA	20	64	pORF_-_3394348
mORF_-_3394356	3394356	3394418	-	4	63	TTG	TAA	0	0	
mORF_-_3394473	3394473	3394553	-	4	81	ATG	TAG	0	0	
mORF_-_3394550	3394550	3394606	-	6	57	ATG	TGA	0	0	
mORF_-_3394575	3394575	3394628	-	4	54	TTG	TGA	0	0	
mORF_-_3394610	3394610	3394615	-	6	6	GTG	TAA	0	0	
mORF_-_3394653	3394653	3394685	-	4	33	ATG	TGA	0	0	
mORF_-_3394713	3394713	3394760	-	4	48	ATG	TGA	0	0	
mORF_-_3394764	3394764	3394889	-	4	126	TTG	TGA	0	0	
mORF_-_3394917	3394917	3394952	-	4	36	GTG	TGA	0	0	
mORF_-_3394965	3394965	3395009	-	4	45	TTG	TAG	0	0	
mORF_-_3395058	3395058	3395090	-	4	33	TTG	TGA	0	0	
mORF_-_3395106	3395106	3395165	-	4	60	GTG	TGA	0	0	
mORF_-_3395250	3395250	3395288	-	4	39	TTG	TGA	0	0	
mORF_-_3395276	3395276	3395335	-	6	60	TTG	TGA	0	0	
mORF_-_3395355	3395355	3395402	-	4	48	TTG	TGA	0	0	
mORF_-_3395460	3395460	3395483	-	4	24	TTG	TGA	0	0	
mORF_-_3395508	3395508	3395639	-	4	132	TTG	TGA	0	0	
mORF_-_3395570	3395570	3395584	-	6	15	ATG	TGA	0	0	
mORF_-_3395643	3395643	3395675	-	4	33	GTG	TAG	0	0	
mORF_-_3395679	3395679	3395684	-	4	6	GTG	TAA	0	0	
mORF_-_3395706	3395706	3395762	-	4	57	TTG	TAG	0	0	
mORF_-_3395807	3395807	3396460	-	6	654	GTG	TGA	9	27	pORF_-_3395807
mORF_-_3395854	3395854	3395874	-	5	21	TTG	TAA	0	0	
mORF_-_3395890	3395890	3395910	-	5	21	ATG	TAG	0	0	
mORF_-_3395911	3395911	3395958	-	5	48	GTG	TAA	0	0	
mORF_-_3395968	3395968	3395991	-	5	24	ATG	TAG	0	0	
mORF_-_3395976	3395976	3396050	-	4	75	TTG	TGA	0	0	
mORF_-_3396028	3396028	3396033	-	5	6	ATG	TGA	0	0	
mORF_-_3396091	3396091	3396138	-	5	48	ATG	TGA	0	0	
mORF_-_3396175	3396175	3396330	-	5	156	TTG	TGA	0	0	
mORF_-_3396327	3396327	3396422	-	4	96	TTG	TGA	0	0	

mORF_-_3396334	3396334	3396351	-	5	18	TTG	TGA	0	0	
mORF_-_3396409	3396409	3396897	-	5	489	GTG	TAA	0	0	
mORF_-_3396444	3396444	3396476	-	4	33	ATG	TGA	0	0	
mORF_-_3396480	3396480	3396485	-	4	6	GTG	TAG	0	0	
mORF_-_3396518	3396518	3396763	-	6	246	TTG	TAA	0	0	
mORF_-_3396525	3396525	3396548	-	4	24	TTG	TAG	0	0	
mORF_-_3396627	3396627	3396647	-	4	21	TTG	TGA	0	0	
mORF_-_3396654	3396654	3396677	-	4	24	TTG	TGA	0	0	
mORF_-_3396693	3396693	3396710	-	4	18	GTG	TGA	0	0	
mORF_-_3396714	3396714	3396734	-	4	21	ATG	TGA	0	0	
mORF_-_3396735	3396735	3396803	-	4	69	TTG	TAA	0	0	
mORF_-_3396804	3396804	3396845	-	4	42	TTG	TGA	0	0	
mORF_-_3396881	3396881	3397012	-	6	132	ATG	TAG	0	0	
mORF_-_3396897	3396897	3398000	-	4	1104	ATG	TAG	7	21	pORF_-_3396897
mORF_-_3397121	3397121	3397141	-	6	21	GTG	TGA	0	0	
mORF_-_3397177	3397177	3397194	-	5	18	GTG	TAA	0	0	
mORF_-_3397277	3397277	3397291	-	6	15	TTG	TAA	0	0	
mORF_-_3397337	3397337	3397423	-	6	87	TTG	TGA	0	0	
mORF_-_3397396	3397396	3397407	-	5	12	TTG	TGA	0	0	
mORF_-_3397424	3397424	3397477	-	6	54	GTG	TAA	0	0	
mORF_-_3397474	3397474	3397479	-	5	6	TTG	TGA	0	0	
mORF_-_3397499	3397499	3397597	-	6	99	TTG	TGA	0	0	
mORF_-_3397640	3397640	3397720	-	6	81	TTG	TGA	0	0	
mORF_-_3397724	3397724	3397735	-	6	12	GTG	TGA	0	0	
mORF_-_3397742	3397742	3397777	-	6	36	TTG	TGA	0	0	
mORF_-_3397781	3397781	3397981	-	6	201	GTG	TAG	0	0	
mORF_-_3397984	3397984	3398061	-	5	78	ATG	TAG	0	0	
mORF_-_3398066	3398066	3399184	-	6	1119	TTG	TAA	94	2622	pORF_-_3398066
mORF_-_3398104	3398104	3398139	-	5	36	GTG	TGA	0	0	
mORF_-_3398143	3398143	3398163	-	5	21	TTG	TGA	0	0	
mORF_-_3398188	3398188	3398292	-	5	105	TTG	TAA	0	0	
mORF_-_3398205	3398205	3398279	-	4	75	GTG	TAA	0	0	
mORF_-_3398305	3398305	3398310	-	5	6	TTG	TGA	0	0	
mORF_-_3398317	3398317	3398349	-	5	33	ATG	TGA	0	0	
mORF_-_3398356	3398356	3398478	-	5	123	GTG	TGA	0	0	
mORF_-_3398482	3398482	3398571	-	5	90	GTG	TGA	0	0	
mORF_-_3398575	3398575	3398688	-	5	114	TTG	TGA	0	0	
mORF_-_3398689	3398689	3398772	-	5	84	GTG	TGA	0	0	
mORF_-_3398745	3398745	3398774	-	4	30	TTG	TGA	0	0	
mORF_-_3398881	3398881	3398940	-	5	60	ATG	TGA	0	0	
mORF_-_3398953	3398953	3399009	-	5	57	ATG	TAG	0	0	
mORF_-_3399031	3399031	3399093	-	5	63	GTG	TAA	0	0	
mORF_-_3399154	3399154	3399198	-	5	45	ATG	TAA	0	0	
mORF_-_3399159	3399159	3399191	-	4	33	TTG	TAA	0	0	
mORF_-_3399195	3399195	3399314	-	4	120	ATG	TGA	0	0	
mORF_-_3399236	3399236	3399241	-	6	6	TTG	TAA	0	0	
mORF_-_3399266	3399266	3399283	-	6	18	ATG	TAA	0	0	
mORF_-_3399274	3399274	3399366	-	5	93	ATG	TGA	0	0	
mORF_-_3399311	3399311	3399382	-	6	72	ATG	TGA	0	0	
mORF_-_3399315	3399315	3399338	-	4	24	TTG	TGA	0	0	
mORF_-_3399414	3399414	3401354	-	4	1941	ATG	TAA	1	2	pORF_-_3399414
mORF_-_3399443	3399443	3399502	-	6	60	GTG	TGA	0	0	
mORF_-_3399454	3399454	3399525	-	5	72	GTG	TGA	0	0	
mORF_-_3399512	3399512	3399670	-	6	159	ATG	TGA	0	0	
mORF_-_3399670	3399670	3399687	-	5	18	TTG	TAA	0	0	
mORF_-_3399737	3399737	3399745	-	6	9	ATG	TAG	0	0	
mORF_-_3399788	3399788	3399811	-	6	24	TTG	TAG	0	0	
mORF_-_3399815	3399815	3399841	-	6	27	GTG	TAA	0	0	
mORF_-_3399838	3399838	3399867	-	5	30	TTG	TGA	0	0	
mORF_-_3399887	3399887	3400258	-	6	372	ATG	TGA	0	0	
mORF_-_3400039	3400039	3400059	-	5	21	GTG	TAA	0	0	
mORF_-_3400265	3400265	3400309	-	6	45	TTG	TAA	0	0	
mORF_-_3400316	3400316	3400360	-	6	45	TTG	TGA	0	0	

mORF_-_3400400	3400400	3400435	-	6	36	GTG	TAA	0	0
mORF_-_3400499	3400499	3400522	-	6	24	TTG	TGA	0	0
mORF_-_3400670	3400670	3400687	-	6	18	ATG	TGA	0	0
mORF_-_3400697	3400697	3400822	-	6	126	GTG	TGA	0	0
mORF_-_3400741	3400741	3400785	-	5	45	ATG	TGA	0	0
mORF_-_3400826	3400826	3400924	-	6	99	TTG	TAA	0	0
mORF_-_3401033	3401033	3401113	-	6	81	ATG	TGA	0	0
mORF_-_3401123	3401123	3401128	-	6	6	GTG	TAG	0	0
mORF_-_3401171	3401171	3401209	-	6	39	TTG	TAA	0	0
mORF_-_3401291	3401291	3401296	-	6	6	TTG	TGA	0	0
mORF_-_3401303	3401303	3401326	-	6	24	TTG	TAA	0	0
mORF_-_3401351	3401351	3401389	-	6	39	ATG	TGA	0	0
mORF_-_3401362	3401362	3401430	-	5	69	ATG	TAA	0	0
mORF_-_3401427	3401427	3401447	-	4	21	ATG	TGA	0	0
mORF_-_3401447	3401447	3401503	-	6	57	GTG	TAA	0	0
mORF_-_3401463	3401463	3401597	-	4	135	GTG	TGA	0	0
mORF_-_3401504	3401504	3401551	-	6	48	ATG	TAA	0	0
mORF_-_3401551	3401551	3401739	-	5	189	ATG	TGA	0	0
mORF_-_3401625	3401625	3401717	-	4	93	GTG	TAG	0	0
mORF_-_3401745	3401745	3401900	-	4	156	ATG	TGA	0	0
mORF_-_3401755	3401755	3402057	-	5	303	ATG	TAA	0	0
mORF_-_3401759	3401759	3401869	-	6	111	TTG	TGA	0	0
mORF_-_3402021	3402021	3402170	-	4	150	TTG	TGA	0	0
mORF_-_3402073	3402073	3402294	-	5	222	TTG	TAA	0	0
mORF_-_3402080	3402080	3402181	-	6	102	TTG	TAG	0	0
mORF_-_3402201	3402201	3402263	-	4	63	ATG	TAA	0	0
mORF_-_3402242	3402242	3402253	-	6	12	TTG	TAA	0	0
mORF_-_3402260	3402260	3402268	-	6	9	ATG	TGA	0	0
mORF_-_3402269	3402269	3402415	-	6	147	GTG	TAA	0	0
mORF_-_3402304	3402304	3402336	-	5	33	TTG	TGA	0	0
mORF_-_3402375	3402375	3402461	-	4	87	GTG	TAG	0	0
mORF_-_3402473	3402473	3402484	-	6	12	ATG	TAA	0	0
mORF_-_3402477	3402477	3402533	-	4	57	TTG	TAG	0	0
mORF_-_3402512	3402512	3402526	-	6	15	ATG	TGA	0	0
mORF_-_3402538	3402538	3402639	-	5	102	GTG	TAA	0	0
mORF_-_3402593	3402593	3402610	-	6	18	TTG	TAA	0	0
mORF_-_3402603	3402603	3402653	-	4	51	ATG	TGA	0	0
mORF_-_3402620	3402620	3402664	-	6	45	GTG	TGA	0	0
mORF_-_3402664	3402664	3402762	-	5	99	ATG	TAG	0	0
mORF_-_3402789	3402789	3402803	-	4	15	GTG	TAG	0	0
mORF_-_3402810	3402810	3402863	-	4	54	GTG	TAG	0	0
mORF_-_3402830	3402830	3402859	-	6	30	ATG	TGA	0	0
mORF_-_3402853	3402853	3402906	-	5	54	TTG	TAA	0	0
mORF_-_3402860	3402860	3402865	-	6	6	ATG	TGA	0	0
mORF_-_3402866	3402866	3402946	-	6	81	ATG	TAG	0	0
mORF_-_3402949	3402949	3402954	-	5	6	ATG	TAG	0	0
mORF_-_3402954	3402954	3402995	-	4	42	ATG	TAA	0	0
mORF_-_3402974	3402974	3402982	-	6	9	ATG	TAA	0	0
mORF_-_3403014	3403014	3403025	-	4	12	GTG	TGA	0	0
mORF_-_3403027	3403027	3403089	-	5	63	TTG	TAA	0	0
mORF_-_3403091	3403091	3403096	-	6	6	GTG	TAA	0	0
mORF_-_3403112	3403112	3403117	-	6	6	ATG	TAA	0	0
mORF_-_3403130	3403130	3403165	-	6	36	TTG	TAA	0	0
mORF_-_3403155	3403155	3403322	-	4	168	GTG	TAA	0	0
mORF_-_3403169	3403169	3403297	-	6	129	TTG	TAG	0	0
mORF_-_3403180	3403180	3403332	-	5	153	TTG	TAA	0	0
mORF_-_3403310	3403310	3403375	-	6	66	ATG	TAG	0	0
mORF_-_3403368	3403368	3403439	-	4	72	TTG	TAG	0	0
mORF_-_3403421	3403421	3403426	-	6	6	TTG	TGA	0	0
mORF_-_3403427	3403427	3403552	-	6	126	ATG	TGA	0	0
mORF_-_3403432	3403432	3403455	-	5	24	GTG	TAG	0	0
mORF_-_3403542	3403542	3404018	-	4	477	TTG	TGA	0	0
mORF_-_3403552	3403552	3403611	-	5	60	TTG	TAA	0	0

mORF_-_3403628	3403628	3403666	-	6	39	ATG	TGA	0	0
mORF_-_3403690	3403690	3403755	-	5	66	TTG	TGA	0	0
mORF_-_3403697	3403697	3403702	-	6	6	ATG	TGA	0	0
mORF_-_3403730	3403730	3403765	-	6	36	ATG	TAG	0	0
mORF_-_3403775	3403775	3403921	-	6	147	ATG	TGA	0	0
mORF_-_3403783	3403783	3403869	-	5	87	TTG	TGA	0	0
mORF_-_3403918	3403918	3404034	-	5	117	GTG	TGA	0	0
mORF_-_3403955	3403955	3403981	-	6	27	ATG	TAA	0	0
mORF_-_3404015	3404015	3404134	-	6	120	TTG	TGA	0	0
mORF_-_3404053	3404053	3404061	-	5	9	GTG	TAG	0	0
mORF_-_3404104	3404104	3405048	-	5	945	ATG	TGA	0	0
mORF_-_3404115	3404115	3404156	-	4	42	GTG	TAA	0	0
mORF_-_3404153	3404153	3404170	-	6	18	TTG	TGA	0	0
mORF_-_3404181	3404181	3404393	-	4	213	ATG	TAA	0	0
mORF_-_3404243	3404243	3404296	-	6	54	TTG	TGA	0	0
mORF_-_3404397	3404397	3404522	-	4	126	TTG	TAA	0	0
mORF_-_3404411	3404411	3404476	-	6	66	GTG	TGA	0	0
mORF_-_3404532	3404532	3404537	-	4	6	ATG	TAA	0	0
mORF_-_3404592	3404592	3404600	-	4	9	TTG	TGA	0	0
mORF_-_3404603	3404603	3404674	-	6	72	GTG	TAG	0	0
mORF_-_3404607	3404607	3404681	-	4	75	ATG	TAG	0	0
mORF_-_3404700	3404700	3404705	-	4	6	ATG	TAG	0	0
mORF_-_3404790	3404790	3404810	-	4	21	GTG	TAG	0	0
mORF_-_3404817	3404817	3404867	-	4	51	TTG	TGA	0	0
mORF_-_3404892	3404892	3404909	-	4	18	TTG	TGA	0	0
mORF_-_3404922	3404922	3405002	-	4	81	GTG	TGA	0	0
mORF_-_3404954	3404954	3404986	-	6	33	TTG	TGA	0	0
mORF_-_3404999	3404999	3405088	-	6	90	TTG	TGA	0	0
mORF_-_3405060	3405060	3405065	-	4	6	GTG	TAG	0	0
mORF_-_3405085	3405085	3405423	-	5	339	ATG	TGA	0	0
mORF_-_3405108	3405108	3405248	-	4	141	ATG	TAG	0	0
mORF_-_3405294	3405294	3405380	-	4	87	GTG	TAG	0	0
mORF_-_3405332	3405332	3405364	-	6	33	TTG	TAA	0	0
mORF_-_3405384	3405384	3405404	-	4	21	GTG	TGA	0	0
mORF_-_3405486	3405486	3405548	-	4	63	ATG	TAA	0	0
mORF_-_3405596	3405596	3405616	-	6	21	GTG	TAA	0	0
mORF_-_3405691	3405691	3405786	-	5	96	GTG	TAA	0	0
mORF_-_3405813	3405813	3405899	-	4	87	GTG	TAA	0	0
mORF_-_3405874	3405874	3405915	-	5	42	TTG	TGA	0	0
mORF_-_3405940	3405940	3405945	-	5	6	TTG	TAG	0	0
mORF_-_3406099	3406099	3406287	-	5	189	ATG	TAA	0	0
mORF_-_3406139	3406139	3406243	-	6	105	ATG	TAA	0	0
mORF_-_3406256	3406256	3406492	-	6	237	GTG	TAA	0	0
mORF_-_3406302	3406302	3406310	-	4	9	GTG	TAA	0	0
mORF_-_3406414	3406414	3406671	-	5	258	ATG	TAA	0	0
mORF_-_3406449	3406449	3406472	-	4	24	TTG	TGA	0	0
mORF_-_3406530	3406530	3406610	-	4	81	GTG	TGA	0	0
mORF_-_3406559	3406559	3406711	-	6	153	TTG	TAA	0	0
mORF_-_3406623	3406623	3406634	-	4	12	TTG	TGA	0	0
mORF_-_3406702	3406702	3406806	-	5	105	ATG	TGA	0	0
mORF_-_3406873	3406873	3406896	-	5	24	TTG	TAA	0	0
mORF_-_3406904	3406904	3406978	-	6	75	GTG	TAG	0	0
mORF_-_3406960	3406960	3407358	-	5	399	TTG	TGA	0	0
mORF_-_3406980	3406980	3407042	-	4	63	ATG	TAG	0	0
mORF_-_3407000	3407000	3407053	-	6	54	TTG	TAG	0	0
mORF_-_3407067	3407067	3407183	-	4	117	GTG	TAG	0	0
mORF_-_3407187	3407187	3407645	-	4	459	ATG	TGA	0	0
mORF_-_3407359	3407359	3407403	-	5	45	GTG	TAG	0	0
mORF_-_3407471	3407471	3407521	-	6	51	TTG	TGA	0	0
mORF_-_3407482	3407482	3407541	-	5	60	TTG	TAA	0	0
mORF_-_3407576	3407576	3407638	-	6	63	TTG	TGA	0	0
mORF_-_3407742	3407742	3407783	-	4	42	ATG	TGA	0	0
mORF_-_3407777	3407777	3407812	-	6	36	GTG	TAG	0	0

mORF_-_3407819	3407819	3407917	-	6	99	GTG	TGA	0	0	
mORF_-_3407836	3407836	3407982	-	5	147	ATG	TGA	0	0	
mORF_-_3407954	3407954	3408082	-	6	129	ATG	TAA	0	0	
mORF_-_3408019	3408019	3408024	-	5	6	TTG	TGA	0	0	
mORF_-_3408045	3408045	3408056	-	4	12	TTG	TAA	0	0	
mORF_-_3408049	3408049	3408078	-	5	30	ATG	TAA	0	0	
mORF_-_3408075	3408075	3408134	-	4	60	GTG	TGA	0	0	
mORF_-_3408166	3408166	3408207	-	5	42	ATG	TAA	0	0	
mORF_-_3408180	3408180	3408248	-	4	69	TTG	TGA	0	0	
mORF_-_3408236	3408236	3408316	-	6	81	TTG	TGA	0	0	
mORF_-_3408277	3408277	3408291	-	5	15	ATG	TGA	0	0	
mORF_-_3408295	3408295	3408309	-	5	15	ATG	TAA	0	0	
mORF_-_3408319	3408319	3408360	-	5	42	ATG	TGA	0	0	
mORF_-_3408388	3408388	3408789	-	5	402	ATG	TAG	0	0	
mORF_-_3408432	3408432	3408551	-	4	120	GTG	TAG	0	0	
mORF_-_3408467	3408467	3408511	-	6	45	TTG	TAA	0	0	
mORF_-_3408635	3408635	3409171	-	6	537	GTG	TGA	1	3	pORF_-_3408635
mORF_-_3408708	3408708	3408818	-	4	111	GTG	TAA	0	0	
mORF_-_3408790	3408790	3408804	-	5	15	ATG	TGA	0	0	
mORF_-_3408805	3408805	3408909	-	5	105	ATG	TGA	0	0	
mORF_-_3409018	3409018	3409029	-	5	12	GTG	TAA	0	0	
mORF_-_3409065	3409065	3409199	-	4	135	ATG	TAA	0	0	
mORF_-_3409108	3409108	3409209	-	5	102	ATG	TAA	0	0	
mORF_-_3409200	3409200	3409496	-	4	297	TTG	TGA	0	0	
mORF_-_3409384	3409384	3409395	-	5	12	GTG	TAA	0	0	
mORF_-_3409442	3409442	3409582	-	6	141	ATG	TAG	0	0	
mORF_-_3409586	3409586	3409633	-	6	48	ATG	TAG	0	0	
mORF_-_3409612	3409612	3409893	-	5	282	GTG	TAA	0	0	
mORF_-_3409623	3409623	3409724	-	4	102	ATG	TAG	0	0	
mORF_-_3409658	3409658	3409663	-	6	6	TTG	TGA	0	0	
mORF_-_3409728	3409728	3409997	-	4	270	ATG	TGA	0	0	
mORF_-_3409751	3409751	3409801	-	6	51	ATG	TAA	0	0	
mORF_-_3409985	3409985	3410098	-	6	114	ATG	TGA	0	0	
mORF_-_3410005	3410005	3410268	-	5	264	TTG	TGA	0	0	
mORF_-_3410040	3410040	3410063	-	4	24	ATG	TAG	0	0	
mORF_-_3410091	3410091	3410129	-	4	39	TTG	TAG	0	0	
mORF_-_3410111	3410111	3410176	-	6	66	GTG	TAG	0	0	
mORF_-_3410157	3410157	3410165	-	4	9	TTG	TAA	0	0	
mORF_-_3410181	3410181	3410186	-	4	6	TTG	TAA	0	0	
mORF_-_3410232	3410232	3410423	-	4	192	TTG	TAA	0	0	
mORF_-_3410281	3410281	3410457	-	5	177	ATG	TAA	0	0	
mORF_-_3410420	3410420	3410512	-	6	93	TTG	TGA	0	0	
mORF_-_3410457	3410457	3410549	-	4	93	ATG	TAA	0	0	
mORF_-_3410524	3410524	3410592	-	5	69	ATG	TAA	0	0	
mORF_-_3410549	3410549	3410554	-	6	6	TTG	TAA	0	0	
mORF_-_3410589	3410589	3410627	-	4	39	ATG	TGA	0	0	
mORF_-_3410620	3410620	3410733	-	5	114	TTG	TAA	0	0	
mORF_-_3410636	3410636	3410755	-	6	120	TTG	TGA	0	0	
mORF_-_3410767	3410767	3410775	-	5	9	GTG	TAA	0	0	
mORF_-_3410785	3410785	3410835	-	5	51	GTG	TAA	0	0	
mORF_-_3410825	3410825	3411487	-	6	663	ATG	TAA	0	0	
mORF_-_3410836	3410836	3410844	-	5	9	ATG	TAA	0	0	
mORF_-_3410866	3410866	3410877	-	5	12	ATG	TAA	0	0	
mORF_-_3410893	3410893	3410937	-	5	45	ATG	TAA	0	0	
mORF_-_3410953	3410953	3410991	-	5	39	TTG	TAA	0	0	
mORF_-_3411001	3411001	3411009	-	5	9	ATG	TGA	0	0	
mORF_-_3411021	3411021	3411050	-	4	30	GTG	TAA	0	0	
mORF_-_3411028	3411028	3411033	-	5	6	GTG	TAG	0	0	
mORF_-_3411103	3411103	3411138	-	5	36	GTG	TGA	0	0	
mORF_-_3411135	3411135	3411140	-	4	6	ATG	TGA	0	0	
mORF_-_3411157	3411157	3411207	-	5	51	TTG	TGA	0	0	
mORF_-_3411208	3411208	3411240	-	5	33	ATG	TGA	0	0	
mORF_-_3411237	3411237	3411302	-	4	66	GTG	TGA	0	0	

mORF_-_3411271	3411271	3411378	-	5	108	TTG	TAA	0	0
mORF_-_3411400	3411400	3411438	-	5	39	TTG	TAA	0	0
mORF_-_3411498	3411498	3411521	-	4	24	GTG	TGA	0	0
mORF_-_3411543	3411543	3411554	-	4	12	GTG	TAA	0	0
mORF_-_3411624	3411624	3411638	-	4	15	ATG	TAA	0	0
mORF_-_3411628	3411628	3411642	-	5	15	GTG	TAG	0	0
mORF_-_3411642	3411642	3411692	-	4	51	TTG	TAG	0	0
mORF_-_3411664	3411664	3411897	-	5	234	ATG	TAA	0	0
mORF_-_3411720	3411720	3411764	-	4	45	ATG	TAA	0	0
mORF_-_3411774	3411774	3411779	-	4	6	ATG	TAA	0	0
mORF_-_3411943	3411943	3412011	-	5	69	ATG	TAA	0	0
mORF_-_3412008	3412008	3412064	-	4	57	TTG	TGA	0	0
mORF_-_3412037	3412037	3412093	-	6	57	GTG	TAA	0	0
mORF_-_3412048	3412048	3412665	-	5	618	TTG	TAA	0	0
mORF_-_3412068	3412068	3412127	-	4	60	GTG	TAA	0	0
mORF_-_3412124	3412124	3412192	-	6	69	TTG	TGA	0	0
mORF_-_3412194	3412194	3412244	-	4	51	ATG	TAA	0	0
mORF_-_3412266	3412266	3412322	-	4	57	ATG	TAA	0	0
mORF_-_3412295	3412295	3412363	-	6	69	TTG	TGA	0	0
mORF_-_3412335	3412335	3412391	-	4	57	TTG	TGA	0	0
mORF_-_3412398	3412398	3412469	-	4	72	GTG	TAA	0	0
mORF_-_3412409	3412409	3412420	-	6	12	TTG	TGA	0	0
mORF_-_3412518	3412518	3412625	-	4	108	ATG	TAG	0	0
mORF_-_3412641	3412641	3412829	-	4	189	GTG	TAG	0	0
mORF_-_3412708	3412708	3413061	-	5	354	TTG	TAG	0	0
mORF_-_3412724	3412724	3412768	-	6	45	GTG	TAG	0	0
mORF_-_3412820	3412820	3412846	-	6	27	TTG	TAA	0	0
mORF_-_3412953	3412953	3413009	-	4	57	GTG	TGA	0	0
mORF_-_3413009	3413009	3413104	-	6	96	ATG	TAG	0	0
mORF_-_3413068	3413068	3413091	-	5	24	ATG	TAA	0	0
mORF_-_3413104	3413104	3413196	-	5	93	TTG	TAA	0	0
mORF_-_3413136	3413136	3413141	-	4	6	TTG	TAG	0	0
mORF_-_3413190	3413190	3413366	-	4	177	TTG	TGA	0	0
mORF_-_3413198	3413198	3413398	-	6	201	GTG	TAG	0	0
mORF_-_3413245	3413245	3413322	-	5	78	TTG	TAA	0	0
mORF_-_3413434	3413434	3413505	-	5	72	GTG	TGA	0	0
mORF_-_3413459	3413459	3413503	-	6	45	GTG	TAG	0	0
mORF_-_3413522	3413522	3413638	-	6	117	TTG	TAG	0	0
mORF_-_3413551	3413551	3413652	-	5	102	GTG	TAA	0	0
mORF_-_3413727	3413727	3413741	-	4	15	TTG	TAA	0	0
mORF_-_3413762	3413762	3413797	-	6	36	TTG	TGA	0	0
mORF_-_3413773	3413773	3413853	-	5	81	GTG	TAA	0	0
mORF_-_3413876	3413876	3413971	-	6	96	ATG	TAG	0	0
mORF_-_3413926	3413926	3413937	-	5	12	TTG	TAA	0	0
mORF_-_3413971	3413971	3414048	-	5	78	ATG	TAA	0	0
mORF_-_3413991	3413991	3414068	-	4	78	GTG	TAA	0	0
mORF_-_3414032	3414032	3414043	-	6	12	GTG	TAA	0	0
mORF_-_3414065	3414065	3414199	-	6	135	ATG	TGA	0	0
mORF_-_3414097	3414097	3414147	-	5	51	TTG	TAA	0	0
mORF_-_3414215	3414215	3414259	-	6	45	ATG	TAA	0	0
mORF_-_3414223	3414223	3414378	-	5	156	GTG	TGA	0	0
mORF_-_3414231	3414231	3414365	-	4	135	TTG	TAG	0	0
mORF_-_3414412	3414412	3414426	-	5	15	ATG	TAA	0	0
mORF_-_3414439	3414439	3414450	-	5	12	TTG	TAG	0	0
mORF_-_3414452	3414452	3414475	-	6	24	ATG	TAA	0	0
mORF_-_3414469	3414469	3414510	-	5	42	ATG	TGA	0	0
mORF_-_3414517	3414517	3414537	-	5	21	TTG	TAA	0	0
mORF_-_3414528	3414528	3414629	-	4	102	GTG	TAA	0	0
mORF_-_3414566	3414566	3414607	-	6	42	GTG	TGA	0	0
mORF_-_3414629	3414629	3414664	-	6	36	GTG	TAG	0	0
mORF_-_3414755	3414755	3414775	-	6	21	ATG	TGA	0	0
mORF_-_3414783	3414783	3414998	-	4	216	ATG	TAA	0	0
mORF_-_3414842	3414842	3415078	-	6	237	GTG	TAG	0	0

mORF_-_3414901	3414901	3414915	-	5	15	GTG	TGA	0	0	
mORF_-_3415039	3415039	3415047	-	5	9	ATG	TGA	0	0	
mORF_-_3415048	3415048	3415083	-	5	36	TTG	TGA	0	0	
mORF_-_3415101	3415101	3415127	-	4	27	GTG	TAA	0	0	
mORF_-_3415124	3415124	3415291	-	6	168	TTG	TGA	0	0	
mORF_-_3415134	3415134	3415178	-	4	45	ATG	TAG	0	0	
mORF_-_3415231	3415231	3415278	-	5	48	GTG	TAA	0	0	
mORF_-_3415288	3415288	3415305	-	5	18	TTG	TGA	0	0	
mORF_-_3415292	3415292	3415300	-	6	9	ATG	TGA	0	0	
mORF_-_3415322	3415322	3415339	-	6	18	ATG	TAA	0	0	
mORF_-_3415336	3415336	3415452	-	5	117	ATG	TGA	0	0	
mORF_-_3415370	3415370	3415384	-	6	15	TTG	TGA	0	0	
mORF_-_3415418	3415418	3415468	-	6	51	GTG	TAA	0	0	
mORF_-_3415462	3415462	3415740	-	5	279	TTG	TAA	1	3	pORF_-_3415462
mORF_-_3415470	3415470	3415475	-	4	6	ATG	TGA	0	0	
mORF_-_3415505	3415505	3415510	-	6	6	TTG	TAG	0	0	
mORF_-_3415532	3415532	3415615	-	6	84	ATG	TGA	0	0	
mORF_-_3415753	3415753	3415803	-	5	51	GTG	TAA	0	0	
mORF_-_3415770	3415770	3415814	-	4	45	TTG	TAA	0	0	
mORF_-_3415826	3415826	3416170	-	6	345	ATG	TAG	0	0	
mORF_-_3415831	3415831	3415854	-	5	24	TTG	TAA	0	0	
mORF_-_3415906	3415906	3415944	-	5	39	GTG	TGA	0	0	
mORF_-_3416016	3416016	3416306	-	4	291	ATG	TAG	0	0	
mORF_-_3416023	3416023	3416106	-	5	84	TTG	TGA	0	0	
mORF_-_3416219	3416219	3416242	-	6	24	GTG	TAA	0	0	
mORF_-_3416246	3416246	3416278	-	6	33	GTG	TAA	0	0	
mORF_-_3416284	3416284	3416313	-	5	30	ATG	TAA	0	0	
mORF_-_3416291	3416291	3416296	-	6	6	ATG	TGA	0	0	
mORF_-_3416306	3416306	3416320	-	6	15	TTG	TAA	0	0	
mORF_-_3416324	3416324	3416350	-	6	27	ATG	TAA	0	0	
mORF_-_3416386	3416386	3416436	-	5	51	ATG	TAA	0	0	
mORF_-_3416396	3416396	3416443	-	6	48	GTG	TAA	0	0	
mORF_-_3416421	3416421	3416516	-	4	96	GTG	TAA	0	0	
mORF_-_3416440	3416440	3416448	-	5	9	ATG	TGA	0	0	
mORF_-_3416513	3416513	3416539	-	6	27	GTG	TGA	0	0	
mORF_-_3416543	3416543	3416827	-	6	285	ATG	TGA	0	0	
mORF_-_3416739	3416739	3416744	-	4	6	ATG	TAA	0	0	
mORF_-_3416788	3416788	3416793	-	5	6	GTG	TGA	0	0	
mORF_-_3416812	3416812	3416823	-	5	12	TTG	TGA	0	0	
mORF_-_3416817	3416817	3416879	-	4	63	ATG	TAG	0	0	
mORF_-_3416836	3416836	3416886	-	5	51	ATG	TAA	0	0	
mORF_-_3416883	3416883	3416897	-	4	15	ATG	TGA	0	0	
mORF_-_3416916	3416916	3416963	-	4	48	TTG	TAA	0	0	
mORF_-_3416927	3416927	3416932	-	6	6	GTG	TAG	0	0	
mORF_-_3416938	3416938	3416973	-	5	36	GTG	TAA	0	0	
mORF_-_3416983	3416983	3417024	-	5	42	TTG	TAA	0	0	
mORF_-_3417030	3417030	3417086	-	4	57	GTG	TAG	0	0	
mORF_-_3417062	3417062	3417121	-	6	60	TTG	TAA	0	0	
mORF_-_3417123	3417123	3417176	-	4	54	TTG	TGA	0	0	
mORF_-_3417209	3417209	3417430	-	6	222	GTG	TAA	0	0	
mORF_-_3417313	3417313	3417321	-	5	9	TTG	TGA	0	0	
mORF_-_3417331	3417331	3417417	-	5	87	ATG	TGA	0	0	
mORF_-_3417387	3417387	3417461	-	4	75	GTG	TGA	0	0	
mORF_-_3417434	3417434	3417445	-	6	12	ATG	TAA	0	0	
mORF_-_3417515	3417515	3417541	-	6	27	TTG	TGA	0	0	
mORF_-_3417551	3417551	3417580	-	6	30	GTG	TAG	0	0	
mORF_-_3417556	3417556	3417663	-	5	108	GTG	TGA	0	0	
mORF_-_3417609	3417609	3417659	-	4	51	TTG	TGA	0	0	
mORF_-_3417656	3417656	3417835	-	6	180	TTG	TGA	0	0	
mORF_-_3417660	3417660	3417665	-	4	6	TTG	TGA	0	0	
mORF_-_3417724	3417724	3417732	-	5	9	TTG	TAA	0	0	
mORF_-_3417729	3417729	3417890	-	4	162	ATG	TGA	0	0	
mORF_-_3417862	3417862	3417888	-	5	27	GTG	TAG	0	0	

mORF_-_3417911	3417911	3417919	-	6	9	TTG	TAA	0	0	
mORF_-_3417947	3417947	3417961	-	6	15	TTG	TAG	0	0	
mORF_-_3418005	3418005	3418037	-	4	33	TTG	TGA	0	0	
mORF_-_3418024	3418024	3418164	-	5	141	ATG	TAA	0	0	
mORF_-_3418154	3418154	3418174	-	6	21	TTG	TAG	0	0	
mORF_-_3418161	3418161	3418259	-	4	99	ATG	TGA	0	0	
mORF_-_3418178	3418178	3418189	-	6	12	GTG	TAA	0	0	
mORF_-_3418270	3418270	3418278	-	5	9	GTG	TAA	0	0	
mORF_-_3418275	3418275	3418310	-	4	36	ATG	TGA	0	0	
mORF_-_3418315	3418315	3418365	-	5	51	ATG	TGA	0	0	
mORF_-_3418374	3418374	3418391	-	4	18	GTG	TAA	0	0	
mORF_-_3418392	3418392	3418529	-	4	138	GTG	TAG	0	0	
mORF_-_3418421	3418421	3418444	-	6	24	ATG	TGA	0	0	
mORF_-_3418478	3418478	3418681	-	6	204	GTG	TAA	0	0	
mORF_-_3418513	3418513	3418572	-	5	60	TTG	TAG	0	0	
mORF_-_3418533	3418533	3418658	-	4	126	TTG	TAA	0	0	
mORF_-_3418668	3418668	3418829	-	4	162	ATG	TAA	0	0	
mORF_-_3418750	3418750	3418791	-	5	42	TTG	TAG	0	0	
mORF_-_3418760	3418760	3418771	-	6	12	ATG	TAA	0	0	
mORF_-_3418826	3418826	3418870	-	6	45	GTG	TGA	0	0	
mORF_-_3418840	3418840	3418851	-	5	12	TTG	TAA	0	0	
mORF_-_3418870	3418870	3418875	-	5	6	GTG	TAG	0	0	
mORF_-_3418901	3418901	3418978	-	6	78	ATG	TAA	0	0	
mORF_-_3418945	3418945	3419031	-	5	87	ATG	TAA	0	0	
mORF_-_3418991	3418991	3419047	-	6	57	GTG	TAA	0	0	
mORF_-_3419025	3419025	3419147	-	4	123	TTG	TGA	0	0	
mORF_-_3419084	3419084	3419098	-	6	15	ATG	TAA	0	0	
mORF_-_3419108	3419108	3419116	-	6	9	GTG	TAA	0	0	
mORF_-_3419119	3419119	3419391	-	5	273	ATG	TAA	0	0	
mORF_-_3419175	3419175	3419207	-	4	33	GTG	TAG	0	0	
mORF_-_3419217	3419217	3419255	-	4	39	ATG	TGA	0	0	
mORF_-_3419304	3419304	3419318	-	4	15	ATG	TAG	0	0	
mORF_-_3419334	3419334	3419345	-	4	12	ATG	TAG	0	0	
mORF_-_3419342	3419342	3419398	-	6	57	TTG	TGA	0	0	
mORF_-_3419367	3419367	3419585	-	4	219	ATG	TGA	0	0	
mORF_-_3419459	3419459	3419515	-	6	57	ATG	TAG	0	0	
mORF_-_3419525	3419525	3419560	-	6	36	TTG	TAG	0	0	
mORF_-_3419539	3419539	3419634	-	5	96	TTG	TGA	0	0	
mORF_-_3419606	3419606	3419626	-	6	21	GTG	TAA	0	0	
mORF_-_3419645	3419645	3419749	-	6	105	GTG	TAA	0	0	
mORF_-_3419656	3419656	3419811	-	5	156	TTG	TAA	0	0	
mORF_-_3419742	3419742	3420035	-	4	294	TTG	TAA	0	0	
mORF_-_3419837	3419837	3419845	-	6	9	ATG	TAA	0	0	
mORF_-_3419890	3419890	3419907	-	5	18	ATG	TAA	0	0	
mORF_-_3420008	3420008	3420079	-	6	72	ATG	TAA	0	0	
mORF_-_3420106	3420106	3420621	-	5	516	ATG	TAA	1	14	pORF_-_3420106
mORF_-_3420171	3420171	3420269	-	4	99	ATG	TGA	0	0	
mORF_-_3420182	3420182	3420193	-	6	12	GTG	TAA	0	0	
mORF_-_3420233	3420233	3420241	-	6	9	GTG	TGA	0	0	
mORF_-_3420290	3420290	3420310	-	6	21	TTG	TGA	0	0	
mORF_-_3420369	3420369	3420392	-	4	24	ATG	TAG	0	0	
mORF_-_3420399	3420399	3420431	-	4	33	GTG	TAG	0	0	
mORF_-_3420425	3420425	3420466	-	6	42	TTG	TAA	0	0	
mORF_-_3420470	3420470	3420535	-	6	66	ATG	TAA	0	0	
mORF_-_3420510	3420510	3420617	-	4	108	TTG	TGA	0	0	
mORF_-_3420554	3420554	3420565	-	6	12	TTG	TAA	0	0	
mORF_-_3420596	3420596	3420763	-	6	168	ATG	TGA	0	0	
mORF_-_3420649	3420649	3420702	-	5	54	TTG	TGA	0	0	
mORF_-_3420739	3420739	3420750	-	5	12	TTG	TGA	0	0	
mORF_-_3420747	3420747	3420794	-	4	48	GTG	TGA	0	0	
mORF_-_3420760	3420760	3420810	-	5	51	TTG	TGA	0	0	
mORF_-_3420773	3420773	3420847	-	6	75	ATG	TAA	0	0	
mORF_-_3420851	3420851	3420883	-	6	33	ATG	TAG	0	0	

mORF_-_3420902	3420902	3421168	-	6	267	ATG	TGA	0	0
mORF_-_3420910	3420910	3420930	-	5	21	ATG	TGA	0	0
mORF_-_3420960	3420960	3421088	-	4	129	GTG	TAA	0	0
mORF_-_3421113	3421113	3421148	-	4	36	GTG	TAA	0	0
mORF_-_3421170	3421170	3421193	-	4	24	ATG	TAG	0	0
mORF_-_3421196	3421196	3421213	-	6	18	ATG	TAA	0	0
mORF_-_3421213	3421213	3421335	-	5	123	TTG	TAA	0	0
mORF_-_3421224	3421224	3421313	-	4	90	GTG	TAA	0	0
mORF_-_3421289	3421289	3421390	-	6	102	TTG	TAA	0	0
mORF_-_3421365	3421365	3421646	-	4	282	TTG	TAG	0	0
mORF_-_3421460	3421460	3421492	-	6	33	ATG	TAG	0	0
mORF_-_3421594	3421594	3421671	-	5	78	ATG	TAG	0	0
mORF_-_3421656	3421656	3421679	-	4	24	GTG	TAG	0	0
mORF_-_3421673	3421673	3421810	-	6	138	TTG	TGA	0	0
mORF_-_3421705	3421705	3421737	-	5	33	ATG	TAG	0	0
mORF_-_3421845	3421845	3421916	-	4	72	GTG	TAA	0	0
mORF_-_3421855	3421855	3421884	-	5	30	TTG	TGA	0	0
mORF_-_3421906	3421906	3421923	-	5	18	ATG	TAA	0	0
mORF_-_3421933	3421933	3421989	-	5	57	TTG	TAA	0	0
mORF_-_3421938	3421938	3421946	-	4	9	ATG	TGA	0	0
mORF_-_3421955	3421955	3421960	-	6	6	GTG	TAA	0	0
mORF_-_3422006	3422006	3422038	-	6	33	TTG	TAA	0	0
mORF_-_3422014	3422014	3422064	-	5	51	GTG	TGA	0	0
mORF_-_3422058	3422058	3422135	-	4	78	GTG	TGA	0	0
mORF_-_3422065	3422065	3422079	-	5	15	ATG	TAA	0	0
mORF_-_3422080	3422080	3422106	-	5	27	ATG	TAA	0	0
mORF_-_3422084	3422084	3422239	-	6	156	GTG	TAG	0	0
mORF_-_3422167	3422167	3422211	-	5	45	GTG	TGA	0	0
mORF_-_3422241	3422241	3422261	-	4	21	GTG	TAA	0	0
mORF_-_3422271	3422271	3422318	-	4	48	GTG	TAG	0	0
mORF_-_3422276	3422276	3422314	-	6	39	TTG	TGA	0	0
mORF_-_3422347	3422347	3422463	-	5	117	TTG	TGA	0	0
mORF_-_3422373	3422373	3422399	-	4	27	ATG	TAA	0	0
mORF_-_3422400	3422400	3422435	-	4	36	GTG	TGA	0	0
mORF_-_3422460	3422460	3422483	-	4	24	GTG	TGA	0	0
mORF_-_3422470	3422470	3422478	-	5	9	ATG	TAA	0	0
mORF_-_3422483	3422483	3422515	-	6	33	TTG	TAG	0	0
mORF_-_3422539	3422539	3422685	-	5	147	GTG	TAA	0	0
mORF_-_3422564	3422564	3422587	-	6	24	TTG	TAG	0	0
mORF_-_3422607	3422607	3422618	-	4	12	TTG	TAA	0	0
mORF_-_3422615	3422615	3422701	-	6	87	TTG	TGA	0	0
mORF_-_3422691	3422691	3422708	-	4	18	TTG	TAG	0	0
mORF_-_3422698	3422698	3422739	-	5	42	GTG	TGA	0	0
mORF_-_3422723	3422723	3422779	-	6	57	GTG	TAG	0	0
mORF_-_3422736	3422736	3422768	-	4	33	GTG	TGA	0	0
mORF_-_3422776	3422776	3422796	-	5	21	GTG	TGA	0	0
mORF_-_3422793	3422793	3422828	-	4	36	ATG	TGA	0	0
mORF_-_3422828	3422828	3422863	-	6	36	TTG	TAA	0	0
mORF_-_3422853	3422853	3422951	-	4	99	TTG	TAA	0	0
mORF_-_3422948	3422948	3422995	-	6	48	GTG	TGA	0	0
mORF_-_3422952	3422952	3423077	-	4	126	TTG	TAA	0	0
mORF_-_3422977	3422977	3423009	-	5	33	GTG	TGA	0	0
mORF_-_3423022	3423022	3423087	-	5	66	GTG	TAA	0	0
mORF_-_3423088	3423088	3423093	-	5	6	ATG	TAG	0	0
mORF_-_3423116	3423116	3423145	-	6	30	GTG	TAA	0	0
mORF_-_3423142	3423142	3423159	-	5	18	TTG	TGA	0	0
mORF_-_3423156	3423156	3423287	-	4	132	GTG	TGA	0	0
mORF_-_3423175	3423175	3423186	-	5	12	GTG	TAG	0	0
mORF_-_3423215	3423215	3423268	-	6	54	GTG	TAA	0	0
mORF_-_3423284	3423284	3423367	-	6	84	ATG	TGA	0	0
mORF_-_3423328	3423328	3423333	-	5	6	GTG	TAG	0	0
mORF_-_3423336	3423336	3423428	-	4	93	ATG	TAA	0	0
mORF_-_3423432	3423432	3423467	-	4	36	GTG	TAG	0	0

mORF_-_3423464	3423464	3423631	-	6	168	ATG	TGA	0	0
mORF_-_3423478	3423478	3423525	-	5	48	GTG	TAA	0	0
mORF_-_3423541	3423541	3423576	-	5	36	ATG	TAA	0	0
mORF_-_3423546	3423546	3423659	-	4	114	ATG	TGA	0	0
mORF_-_3423580	3423580	3423588	-	5	9	GTG	TGA	0	0
mORF_-_3423672	3423672	3423677	-	4	6	ATG	TAA	0	0
mORF_-_3423710	3423710	3423784	-	6	75	GTG	TAA	0	0
mORF_-_3423721	3423721	3423792	-	5	72	ATG	TAA	0	0
mORF_-_3423738	3423738	3423749	-	4	12	ATG	TAG	0	0
mORF_-_3423785	3423785	3423901	-	6	117	ATG	TAA	0	0
mORF_-_3423805	3423805	3423852	-	5	48	GTG	TAA	0	0
mORF_-_3423846	3423846	3423965	-	4	120	GTG	TAA	0	0
mORF_-_3423972	3423972	3424097	-	4	126	TTG	TAG	0	0
mORF_-_3423976	3423976	3424038	-	5	63	GTG	TAG	0	0
mORF_-_3424025	3424025	3424045	-	6	21	ATG	TGA	0	0
mORF_-_3424049	3424049	3424063	-	6	15	ATG	TAG	0	0
mORF_-_3424090	3424090	3424149	-	5	60	TTG	TAA	0	0
mORF_-_3424116	3424116	3424124	-	4	9	GTG	TAG	0	0
mORF_-_3424151	3424151	3424231	-	6	81	ATG	TAA	0	0
mORF_-_3424206	3424206	3424253	-	4	48	GTG	TAG	0	0
mORF_-_3424250	3424250	3424288	-	6	39	GTG	TGA	0	0
mORF_-_3424258	3424258	3424356	-	5	99	GTG	TAG	0	0
mORF_-_3424305	3424305	3424343	-	4	39	GTG	TGA	0	0
mORF_-_3424367	3424367	3424447	-	6	81	GTG	TGA	0	0
mORF_-_3424444	3424444	3424521	-	5	78	GTG	TGA	0	0
mORF_-_3424476	3424476	3424523	-	4	48	GTG	TGA	0	0
mORF_-_3424511	3424511	3424633	-	6	123	ATG	TAG	0	0
mORF_-_3424633	3424633	3424674	-	5	42	GTG	TAA	0	0
mORF_-_3424646	3424646	3424687	-	6	42	ATG	TGA	0	0
mORF_-_3424650	3424650	3424715	-	4	66	ATG	TAA	0	0
mORF_-_3424712	3424712	3424720	-	6	9	GTG	TGA	0	0
mORF_-_3424722	3424722	3424778	-	4	57	ATG	TAA	0	0
mORF_-_3424732	3424732	3424782	-	5	51	GTG	TAA	0	0
mORF_-_3424792	3424792	3424863	-	5	72	TTG	TAA	0	0
mORF_-_3424806	3424806	3424811	-	4	6	TTG	TGA	0	0
mORF_-_3424854	3424854	3424946	-	4	93	GTG	TGA	0	0
mORF_-_3424874	3424874	3424885	-	6	12	TTG	TGA	0	0
mORF_-_3424882	3424882	3424917	-	5	36	TTG	TGA	0	0
mORF_-_3424960	3424960	3425133	-	5	174	GTG	TAA	0	0
mORF_-_3424988	3424988	3425062	-	6	75	ATG	TAG	0	0
mORF_-_3425046	3425046	3425057	-	4	12	ATG	TAG	0	0
mORF_-_3425067	3425067	3425081	-	4	15	TTG	TAA	0	0
mORF_-_3425139	3425139	3425159	-	4	21	GTG	TGA	0	0
mORF_-_3425165	3425165	3425200	-	6	36	ATG	TAG	0	0
mORF_-_3425184	3425184	3425258	-	4	75	TTG	TAA	0	0
mORF_-_3425200	3425200	3425220	-	5	21	GTG	TGA	0	0
mORF_-_3425277	3425277	3425312	-	4	36	GTG	TAA	0	0
mORF_-_3425285	3425285	3425305	-	6	21	ATG	TAA	0	0
mORF_-_3425309	3425309	3425395	-	6	87	TTG	TGA	0	0
mORF_-_3425343	3425343	3425708	-	4	366	GTG	TAG	0	0
mORF_-_3425347	3425347	3425478	-	5	132	TTG	TAG	0	0
mORF_-_3425411	3425411	3425422	-	6	12	ATG	TGA	0	0
mORF_-_3425453	3425453	3425581	-	6	129	ATG	TGA	0	0
mORF_-_3425692	3425692	3425730	-	5	39	ATG	TAA	0	0
mORF_-_3425705	3425705	3425836	-	6	132	ATG	TGA	0	0
mORF_-_3425743	3425743	3425769	-	5	27	ATG	TGA	0	0
mORF_-_3425791	3425791	3425865	-	5	75	TTG	TGA	0	0
mORF_-_3425826	3425826	3425843	-	4	18	GTG	TAA	0	0
mORF_-_3425862	3425862	3425936	-	4	75	GTG	TGA	0	0
mORF_-_3425920	3425920	3426063	-	5	144	GTG	TAA	0	0
mORF_-_3425940	3425940	3425966	-	4	27	ATG	TGA	0	0
mORF_-_3425994	3425994	3426089	-	4	96	ATG	TAG	0	0
mORF_-_3426032	3426032	3426181	-	6	150	GTG	TGA	0	0

mORF_-_3426097	3426097	3426102	-	5	6	GTG	TAG	0	0	
mORF_-_3426178	3426178	3426306	-	5	129	TTG	TGA	0	0	
mORF_-_3426275	3426275	3426313	-	6	39	TTG	TAA	0	0	
mORF_-_3426325	3426325	3426411	-	5	87	ATG	TAA	0	0	
mORF_-_3426354	3426354	3426377	-	4	24	ATG	TAA	0	0	
mORF_-_3426374	3426374	3426418	-	6	45	TTG	TGA	0	0	
mORF_-_3426396	3426396	3426482	-	4	87	ATG	TGA	0	0	
mORF_-_3426479	3426479	3426547	-	6	69	ATG	TGA	0	0	
mORF_-_3426522	3426522	3426557	-	4	36	ATG	TAA	0	0	
mORF_-_3426538	3426538	3426567	-	5	30	TTG	TAG	0	0	
mORF_-_3426617	3426617	3426646	-	6	30	ATG	TAG	0	0	
mORF_-_3426633	3426633	3426665	-	4	33	ATG	TAA	0	0	
mORF_-_3426646	3426646	3426756	-	5	111	TTG	TGA	0	0	
mORF_-_3426669	3426669	3426683	-	4	15	GTG	TGA	0	0	
mORF_-_3426687	3426687	3426701	-	4	15	TTG	TGA	0	0	
mORF_-_3426713	3426713	3426730	-	6	18	ATG	TAA	0	0	
mORF_-_3426734	3426734	3426781	-	6	48	TTG	TAA	0	0	
mORF_-_3426778	3426778	3426801	-	5	24	TTG	TGA	0	0	
mORF_-_3426823	3426823	3426834	-	5	12	GTG	TAA	0	0	
mORF_-_3426831	3426831	3426854	-	4	24	ATG	TGA	0	0	
mORF_-_3426851	3426851	3426898	-	6	48	GTG	TGA	0	0	
mORF_-_3426871	3426871	3426900	-	5	30	GTG	TAA	0	0	
mORF_-_3426944	3426944	3426952	-	6	9	GTG	TGA	0	0	
mORF_-_3426949	3426949	3426996	-	5	48	TTG	TGA	0	0	
mORF_-_3426993	3426993	3427055	-	4	63	GTG	TGA	0	0	
mORF_-_3427006	3427006	3427167	-	5	162	GTG	TGA	0	0	
mORF_-_3427065	3427065	3427229	-	4	165	ATG	TGA	0	0	
mORF_-_3427079	3427079	3427105	-	6	27	TTG	TAA	0	0	
mORF_-_3427142	3427142	3427165	-	6	24	GTG	TGA	0	0	
mORF_-_3427189	3427189	3427203	-	5	15	GTG	TAG	0	0	
mORF_-_3427229	3427229	3427240	-	6	12	ATG	TAA	0	0	
mORF_-_3427241	3427241	3427426	-	6	186	GTG	TAA	0	0	
mORF_-_3427270	3427270	3427467	-	5	198	ATG	TAA	0	0	
mORF_-_3427407	3427407	3427463	-	4	57	GTG	TAA	0	0	
mORF_-_3427460	3427460	3427498	-	6	39	ATG	TGA	0	0	
mORF_-_3427464	3427464	3427520	-	4	57	GTG	TGA	0	0	
mORF_-_3427498	3427498	3427545	-	5	48	GTG	TAA	0	0	
mORF_-_3427517	3427517	3427651	-	6	135	GTG	TGA	0	0	
mORF_-_3427527	3427527	3427700	-	4	174	TTG	TGA	0	0	
mORF_-_3427591	3427591	3427653	-	5	63	TTG	TAA	0	0	
mORF_-_3427697	3427697	3427822	-	6	126	GTG	TGA	0	0	
mORF_-_3427788	3427788	3428045	-	4	258	GTG	TGA	0	0	
mORF_-_3427819	3427819	3427992	-	5	174	ATG	TGA	0	0	
mORF_-_3427952	3427952	3427966	-	6	15	ATG	TGA	0	0	
mORF_-_3427967	3427967	3427990	-	6	24	GTG	TGA	0	0	
mORF_-_3427996	3427996	3428010	-	5	15	GTG	TAA	0	0	
mORF_-_3428042	3428042	3428887	-	6	846	GTG	TGA	17	81	pORF_-_3428042
mORF_-_3428083	3428083	3428121	-	5	39	ATG	TAG	0	0	
mORF_-_3428146	3428146	3428325	-	5	180	ATG	TAG	0	0	
mORF_-_3428181	3428181	3428189	-	4	9	ATG	TGA	0	0	
mORF_-_3428226	3428226	3428234	-	4	9	TTG	TGA	0	0	
mORF_-_3428347	3428347	3428376	-	5	30	TTG	TGA	0	0	
mORF_-_3428425	3428425	3428478	-	5	54	GTG	TGA	0	0	
mORF_-_3428548	3428548	3428583	-	5	36	ATG	TAG	0	0	
mORF_-_3428587	3428587	3428655	-	5	69	TTG	TAG	0	0	
mORF_-_3428680	3428680	3428706	-	5	27	GTG	TGA	0	0	
mORF_-_3428719	3428719	3428775	-	5	57	TTG	TGA	0	0	
mORF_-_3428779	3428779	3428793	-	5	15	TTG	TGA	0	0	
mORF_-_3428827	3428827	3428850	-	5	24	ATG	TAG	0	0	
mORF_-_3428865	3428865	3429482	-	4	618	GTG	TAA	8	21	pORF_-_3428865
mORF_-_3428891	3428891	3428899	-	6	9	ATG	TGA	0	0	
mORF_-_3428918	3428918	3428965	-	6	48	TTG	TAA	0	0	
mORF_-_3428935	3428935	3428997	-	5	63	TTG	TGA	0	0	

mORF_-_3428984	3428984	3429010	-	6	27	GTG	TAG	0	0	
mORF_-_3429011	3429011	3429106	-	6	96	TTG	TGA	0	0	
mORF_-_3429040	3429040	3429057	-	5	18	GTG	TAA	0	0	
mORF_-_3429116	3429116	3429193	-	6	78	GTG	TGA	0	0	
mORF_-_3429206	3429206	3429223	-	6	18	TTG	TGA	0	0	
mORF_-_3429263	3429263	3429277	-	6	15	TTG	TGA	0	0	
mORF_-_3429308	3429308	3429394	-	6	87	ATG	TGA	0	0	
mORF_-_3429325	3429325	3429336	-	5	12	GTG	TGA	0	0	
mORF_-_3429434	3429434	3429469	-	6	36	ATG	TGA	0	0	
mORF_-_3429442	3429442	3429984	-	5	543	ATG	TAA	1	3	pORF_-_3429442
mORF_-_3429473	3429473	3429538	-	6	66	GTG	TAA	0	0	
mORF_-_3429492	3429492	3429497	-	4	6	GTG	TAA	0	0	
mORF_-_3429539	3429539	3429547	-	6	9	ATG	TGA	0	0	
mORF_-_3429555	3429555	3429830	-	4	276	ATG	TAG	0	0	
mORF_-_3429569	3429569	3429586	-	6	18	GTG	TAA	0	0	
mORF_-_3429599	3429599	3429670	-	6	72	ATG	TGA	0	0	
mORF_-_3429692	3429692	3429718	-	6	27	ATG	TAA	0	0	
mORF_-_3429728	3429728	3429796	-	6	69	TTG	TAA	0	0	
mORF_-_3429843	3429843	3429989	-	4	147	TTG	TGA	0	0	
mORF_-_3429860	3429860	3429883	-	6	24	ATG	TGA	0	0	
mORF_-_3429923	3429923	3429934	-	6	12	GTG	TGA	0	0	
mORF_-_3429991	3429991	3430032	-	5	42	ATG	TAA	0	0	
mORF_-_3430013	3430013	3430486	-	6	474	ATG	TAA	0	0	
mORF_-_3430033	3430033	3430071	-	5	39	ATG	TGA	0	0	
mORF_-_3430038	3430038	3430115	-	4	78	ATG	TGA	0	0	
mORF_-_3430117	3430117	3430125	-	5	9	ATG	TGA	0	0	
mORF_-_3430168	3430168	3430461	-	5	294	TTG	TGA	0	0	
mORF_-_3430251	3430251	3430256	-	4	6	GTG	TGA	0	0	
mORF_-_3430332	3430332	3430352	-	4	21	ATG	TGA	0	0	
mORF_-_3430458	3430458	3431582	-	4	1125	ATG	TGA	0	0	
mORF_-_3430471	3430471	3430536	-	5	66	ATG	TAA	0	0	
mORF_-_3430499	3430499	3430510	-	6	12	ATG	TGA	0	0	
mORF_-_3430568	3430568	3430612	-	6	45	TTG	TAG	0	0	
mORF_-_3430619	3430619	3430627	-	6	9	ATG	TAA	0	0	
mORF_-_3430631	3430631	3430729	-	6	99	TTG	TAG	0	0	
mORF_-_3430763	3430763	3430777	-	6	15	GTG	TGA	0	0	
mORF_-_3430820	3430820	3430867	-	6	48	GTG	TAG	0	0	
mORF_-_3430858	3430858	3430869	-	5	12	TTG	TGA	0	0	
mORF_-_3430877	3430877	3430921	-	6	45	GTG	TGA	0	0	
mORF_-_3430928	3430928	3431104	-	6	177	ATG	TAA	0	0	
mORF_-_3431122	3431122	3431226	-	5	105	ATG	TAA	0	0	
mORF_-_3431129	3431129	3431158	-	6	30	GTG	TAG	0	0	
mORF_-_3431168	3431168	3431221	-	6	54	ATG	TGA	0	0	
mORF_-_3431246	3431246	3431293	-	6	48	TTG	TAG	0	0	
mORF_-_3431287	3431287	3431391	-	5	105	TTG	TGA	0	0	
mORF_-_3431360	3431360	3431527	-	6	168	ATG	TAA	0	0	
mORF_-_3431524	3431524	3431565	-	5	42	TTG	TGA	0	0	
mORF_-_3431585	3431585	3431614	-	6	30	TTG	TAA	0	0	
mORF_-_3431608	3431608	3431643	-	5	36	TTG	TAA	0	0	
mORF_-_3431640	3431640	3431699	-	4	60	ATG	TGA	0	0	
mORF_-_3431660	3431660	3431758	-	6	99	TTG	TAG	0	0	
mORF_-_3431683	3431683	3431697	-	5	15	GTG	TAG	0	0	
mORF_-_3431715	3431715	3431726	-	4	12	TTG	TGA	0	0	
mORF_-_3431730	3431730	3431879	-	4	150	TTG	TAA	0	0	
mORF_-_3431764	3431764	3431859	-	5	96	TTG	TAG	0	0	
mORF_-_3431876	3431876	3432097	-	6	222	ATG	TGA	0	0	
mORF_-_3431946	3431946	3432002	-	4	57	TTG	TAA	0	0	
mORF_-_3432031	3432031	3432066	-	5	36	ATG	TAA	0	0	
mORF_-_3432090	3432090	3432122	-	4	33	GTG	TAA	0	0	
mORF_-_3432119	3432119	3432133	-	6	15	TTG	TGA	0	0	
mORF_-_3432139	3432139	3432156	-	5	18	GTG	TAA	0	0	
mORF_-_3432153	3432153	3432170	-	4	18	TTG	TGA	0	0	
mORF_-_3432231	3432231	3432248	-	4	18	GTG	TAG	0	0	

mORF_-_3432248	3432248	3432463	-	6	216	TTG	TAG	0	0	
mORF_-_3432255	3432255	3432272	-	4	18	GTG	TAA	0	0	
mORF_-_3432316	3432316	3432339	-	5	24	GTG	TGA	0	0	
mORF_-_3432390	3432390	3432449	-	4	60	GTG	TAA	0	0	
mORF_-_3432505	3432505	3432561	-	5	57	TTG	TAG	0	0	
mORF_-_3432512	3432512	3432568	-	6	57	ATG	TAA	0	0	
mORF_-_3432558	3432558	3432617	-	4	60	GTG	TGA	0	0	
mORF_-_3432565	3432565	3432678	-	5	114	GTG	TGA	0	0	
mORF_-_3432572	3432572	3432610	-	6	39	TTG	TGA	0	0	
mORF_-_3432617	3432617	3432658	-	6	42	TTG	TAG	0	0	
mORF_-_3432671	3432671	3432793	-	6	123	TTG	TAA	0	0	
mORF_-_3432691	3432691	3432807	-	5	117	GTG	TAG	0	0	
mORF_-_3432711	3432711	3432767	-	4	57	GTG	TAA	0	0	
mORF_-_3432823	3432823	3432843	-	5	21	GTG	TGA	0	0	
mORF_-_3432840	3432840	3432902	-	4	63	GTG	TGA	0	0	
mORF_-_3432844	3432844	3433053	-	5	210	ATG	TAA	0	0	
mORF_-_3432887	3432887	3433048	-	6	162	TTG	TGA	0	0	
mORF_-_3432927	3432927	3432941	-	4	15	TTG	TGA	0	0	
mORF_-_3432972	3432972	3432989	-	4	18	ATG	TAA	0	0	
mORF_-_3432993	3432993	3433019	-	4	27	GTG	TGA	0	0	
mORF_-_3433054	3433054	3433350	-	5	297	TTG	TGA	0	0	
mORF_-_3433094	3433094	3433129	-	6	36	TTG	TAA	0	0	
mORF_-_3433196	3433196	3433240	-	6	45	TTG	TAG	0	0	
mORF_-_3433227	3433227	3433355	-	4	129	GTG	TAA	0	0	
mORF_-_3433247	3433247	3433297	-	6	51	TTG	TAA	0	0	
mORF_-_3433301	3433301	3433363	-	6	63	TTG	TAA	0	0	
mORF_-_3433360	3433360	3433446	-	5	87	TTG	TGA	0	0	
mORF_-_3433421	3433421	3433567	-	6	147	TTG	TAA	0	0	
mORF_-_3433470	3433470	3433511	-	4	42	GTG	TAA	0	0	
mORF_-_3433495	3433495	3433506	-	5	12	ATG	TAA	0	0	
mORF_-_3433545	3433545	3433553	-	4	9	TTG	TAG	0	0	
mORF_-_3433592	3433592	3433615	-	6	24	TTG	TAA	0	0	
mORF_-_3433625	3433625	3433882	-	6	258	ATG	TAA	0	0	
mORF_-_3433635	3433635	3433748	-	4	114	TTG	TAA	0	0	
mORF_-_3433654	3433654	3433731	-	5	78	TTG	TAA	0	0	
mORF_-_3433761	3433761	3433874	-	4	114	GTG	TAA	0	0	
mORF_-_3433911	3433911	3434210	-	4	300	TTG	TAA	0	0	
mORF_-_3433918	3433918	3433977	-	5	60	ATG	TGA	0	0	
mORF_-_3433928	3433928	3434017	-	6	90	ATG	TGA	0	0	
mORF_-_3434086	3434086	3434094	-	5	9	TTG	TAA	0	0	
mORF_-_3434096	3434096	3434170	-	6	75	TTG	TAA	0	0	
mORF_-_3434152	3434152	3434307	-	5	156	ATG	TGA	0	0	
mORF_-_3434204	3434204	3434230	-	6	27	ATG	TGA	0	0	
mORF_-_3434246	3434246	3434317	-	6	72	ATG	TAA	0	0	
mORF_-_3434341	3434341	3434349	-	5	9	GTG	TAG	0	0	
mORF_-_3434360	3434360	3434458	-	6	99	TTG	TAA	0	0	
mORF_-_3434385	3434385	3434438	-	4	54	GTG	TAA	0	0	
mORF_-_3434494	3434494	3434634	-	5	141	TTG	TAA	0	0	
mORF_-_3434550	3434550	3434582	-	4	33	GTG	TGA	0	0	
mORF_-_3434616	3434616	3434804	-	4	189	GTG	TAA	0	0	
mORF_-_3434654	3434654	3434701	-	6	48	ATG	TAA	0	0	
mORF_-_3434698	3434698	3434775	-	5	78	TTG	TGA	0	0	
mORF_-_3434797	3434797	3434826	-	5	30	ATG	TAG	0	0	
mORF_-_3434817	3434817	3434912	-	4	96	GTG	TAG	0	0	
mORF_-_3434870	3434870	3434878	-	6	9	ATG	TAG	0	0	
mORF_-_3434879	3434879	3435133	-	6	255	TTG	TGA	0	0	
mORF_-_3434925	3434925	3434966	-	4	42	ATG	TAA	0	0	
mORF_-_3435012	3435012	3435101	-	4	90	TTG	TAA	0	0	
mORF_-_3435022	3435022	3435246	-	5	225	ATG	TAA	1	2	pORF_-_3435022
mORF_-_3435171	3435171	3435185	-	4	15	GTG	TAA	0	0	
mORF_-_3435182	3435182	3435190	-	6	9	ATG	TGA	0	0	
mORF_-_3435301	3435301	3435318	-	5	18	ATG	TAA	0	0	
mORF_-_3435359	3435359	3435400	-	6	42	TTG	TAA	0	0	

mORF_-_3435404	3435404	3435430	-	6	27	TTG	TAG	0	0	
mORF_-_3435427	3435427	3435495	-	5	69	TTG	TGA	0	0	
mORF_-_3435567	3435567	3435599	-	4	33	TTG	TAA	0	0	
mORF_-_3435584	3435584	3435622	-	6	39	ATG	TGA	0	0	
mORF_-_3435615	3435615	3435656	-	4	42	ATG	TAA	0	0	
mORF_-_3435653	3435653	3435697	-	6	45	GTG	TGA	0	0	
mORF_-_3435678	3435678	3435716	-	4	39	GTG	TAG	0	0	
mORF_-_3435694	3435694	3435822	-	5	129	ATG	TGA	0	0	
mORF_-_3435749	3435749	3435838	-	6	90	GTG	TAG	0	0	
mORF_-_3435835	3435835	3435855	-	5	21	GTG	TGA	0	0	
mORF_-_3435870	3435870	3435899	-	4	30	TTG	TAA	0	0	
mORF_-_3435943	3435943	3435963	-	5	21	TTG	TAA	0	0	
mORF_-_3435960	3435960	3435980	-	4	21	ATG	TGA	0	0	
mORF_-_3435967	3435967	3436005	-	5	39	ATG	TAA	0	0	
mORF_-_3435977	3435977	3436033	-	6	57	ATG	TGA	0	0	
mORF_-_3436030	3436030	3436224	-	5	195	GTG	TGA	1	2	pORF_-_3436030
mORF_-_3436116	3436116	3436151	-	4	36	GTG	TAA	0	0	
mORF_-_3436226	3436226	3436285	-	6	60	TTG	TAG	0	0	
mORF_-_3436267	3436267	3436281	-	5	15	ATG	TAA	0	0	
mORF_-_3436282	3436282	3436347	-	5	66	TTG	TGA	1	5	pORF_-_3436282
mORF_-_3436341	3436341	3436391	-	4	51	TTG	TGA	0	0	
mORF_-_3436406	3436406	3436459	-	6	54	TTG	TAA	0	0	
mORF_-_3436453	3436453	3436671	-	5	219	ATG	TAA	0	0	
mORF_-_3436497	3436497	3436538	-	4	42	ATG	TAA	0	0	
mORF_-_3436584	3436584	3436610	-	4	27	ATG	TAG	0	0	
mORF_-_3436623	3436623	3436631	-	4	9	ATG	TAG	0	0	
mORF_-_3436668	3436668	3436733	-	4	66	TTG	TGA	0	0	
mORF_-_3436687	3436687	3436818	-	5	132	ATG	TAA	0	0	
mORF_-_3436727	3436727	3437200	-	6	474	ATG	TGA	0	0	
mORF_-_3436770	3436770	3436784	-	4	15	TTG	TGA	0	0	
mORF_-_3436794	3436794	3436811	-	4	18	TTG	TAG	0	0	
mORF_-_3436861	3436861	3436899	-	5	39	TTG	TAG	0	0	
mORF_-_3436981	3436981	3436995	-	5	15	ATG	TAG	0	0	
mORF_-_3437008	3437008	3437067	-	5	60	ATG	TGA	0	0	
mORF_-_3437113	3437113	3437163	-	5	51	GTG	TAA	0	0	
mORF_-_3437136	3437136	3437156	-	4	21	ATG	TGA	0	0	
mORF_-_3437163	3437163	3437531	-	4	369	ATG	TAG	0	0	
mORF_-_3437246	3437246	3437377	-	6	132	ATG	TGA	0	0	
mORF_-_3437350	3437350	3437370	-	5	21	TTG	TGA	0	0	
mORF_-_3437381	3437381	3437431	-	6	51	ATG	TGA	0	0	
mORF_-_3437438	3437438	3437476	-	6	39	GTG	TGA	0	0	
mORF_-_3437473	3437473	3437514	-	5	42	GTG	TGA	0	0	
mORF_-_3437495	3437495	3437521	-	6	27	TTG	TAG	0	0	
mORF_-_3437518	3437518	3437553	-	5	36	TTG	TGA	0	0	
mORF_-_3437565	3437565	3437723	-	4	159	GTG	TAG	0	0	
mORF_-_3437638	3437638	3438021	-	5	384	ATG	TAA	63	3580	pORF_-_3437638
mORF_-_3437672	3437672	3437725	-	6	54	GTG	TGA	0	0	
mORF_-_3437727	3437727	3437861	-	4	135	TTG	TGA	0	0	
mORF_-_3437868	3437868	3437879	-	4	12	TTG	TGA	0	0	
mORF_-_3437880	3437880	3437930	-	4	51	ATG	TAG	0	0	
mORF_-_3437991	3437991	3438005	-	4	15	GTG	TGA	0	0	
mORF_-_3438046	3438046	3438216	-	5	171	GTG	TAA	0	0	
mORF_-_3438062	3438062	3439051	-	6	990	ATG	TAA	131	7396	pORF_-_3438062
mORF_-_3438265	3438265	3438282	-	5	18	TTG	TGA	0	0	
mORF_-_3438325	3438325	3438396	-	5	72	GTG	TGA	0	0	
mORF_-_3438475	3438475	3438648	-	5	174	ATG	TAG	0	0	
mORF_-_3438489	3438489	3438527	-	4	39	ATG	TGA	0	0	
mORF_-_3438664	3438664	3438696	-	5	33	GTG	TGA	0	0	
mORF_-_3438721	3438721	3438732	-	5	12	TTG	TGA	0	0	
mORF_-_3438745	3438745	3438765	-	5	21	ATG	TGA	0	0	
mORF_-_3438796	3438796	3438876	-	5	81	TTG	TGA	0	0	
mORF_-_3438873	3438873	3438893	-	4	21	TTG	TGA	0	0	
mORF_-_3438883	3438883	3438954	-	5	72	GTG	TGA	0	0	

mORF_-_3438958	3438958	3438969	-	5	12	TTG	TAG	0	0	
mORF_-_3438994	3438994	3439011	-	5	18	TTG	TGA	0	0	
mORF_-_3439077	3439077	3439697	-	4	621	ATG	TAA	126	12030	pORF_-_3439077
mORF_-_3439100	3439100	3439204	-	6	105	GTG	TGA	0	0	
mORF_-_3439232	3439232	3439261	-	6	30	GTG	TGA	0	0	
mORF_-_3439268	3439268	3439315	-	6	48	GTG	TAA	0	0	
mORF_-_3439322	3439322	3439438	-	6	117	GTG	TAA	0	0	
mORF_-_3439451	3439451	3439657	-	6	207	GTG	TGA	0	0	
mORF_-_3439600	3439600	3439605	-	5	6	GTG	TAA	0	0	
mORF_-_3439675	3439675	3439761	-	5	87	TTG	TAA	0	0	
mORF_-_3439731	3439731	3440120	-	4	390	ATG	TAA	45	1925	pORF_-_3439731
mORF_-_3439781	3439781	3439786	-	6	6	ATG	TGA	0	0	
mORF_-_3439820	3439820	3439828	-	6	9	GTG	TGA	0	0	
mORF_-_3439898	3439898	3439978	-	6	81	GTG	TGA	0	0	
mORF_-_3439906	3439906	3439992	-	5	87	TTG	TGA	0	0	
mORF_-_3440024	3440024	3440050	-	6	27	ATG	TGA	0	0	
mORF_-_3440084	3440084	3440101	-	6	18	GTG	TAA	0	0	
mORF_-_3440092	3440092	3440127	-	5	36	TTG	TAA	0	0	
mORF_-_3440120	3440120	3440131	-	6	12	GTG	TAA	0	0	
mORF_-_3440124	3440124	3440246	-	4	123	TTG	TGA	0	0	
mORF_-_3440137	3440137	3440493	-	5	357	GTG	TAA	58	4520	pORF_-_3440137
mORF_-_3440165	3440165	3440242	-	6	78	TTG	TAA	0	0	
mORF_-_3440268	3440268	3440426	-	4	159	ATG	TGA	0	0	
mORF_-_3440445	3440445	3440453	-	4	9	ATG	TAA	0	0	
mORF_-_3440471	3440471	3440500	-	6	30	GTG	TAA	0	0	
mORF_-_3440506	3440506	3440574	-	5	69	ATG	TAG	0	0	
mORF_-_3440510	3440510	3440578	-	6	69	TTG	TAA	0	0	
mORF_-_3440553	3440553	3440621	-	4	69	TTG	TGA	0	0	
mORF_-_3440591	3440591	3440674	-	6	84	GTG	TAG	0	0	
mORF_-_3440605	3440605	3440613	-	5	9	TTG	TGA	0	0	
mORF_-_3440640	3440640	3440756	-	4	117	ATG	TGA	2	9	pORF_-_3440640
mORF_-_3440656	3440656	3440679	-	5	24	TTG	TAA	0	0	
mORF_-_3440681	3440681	3440746	-	6	66	GTG	TGA	0	0	
mORF_-_3440719	3440719	3440787	-	5	69	TTG	TAA	0	0	
mORF_-_3440788	3440788	3442119	-	5	1332	ATG	TAA	14	90	pORF_-_3440788
mORF_-_3440820	3440820	3440834	-	4	15	ATG	TGA	0	0	
mORF_-_3440883	3440883	3440915	-	4	33	GTG	TGA	0	0	
mORF_-_3440934	3440934	3440945	-	4	12	GTG	TGA	0	0	
mORF_-_3440961	3440961	3440993	-	4	33	TTG	TGA	0	0	
mORF_-_3441012	3441012	3441071	-	4	60	GTG	TAA	0	0	
mORF_-_3441081	3441081	3441170	-	4	90	ATG	TGA	0	0	
mORF_-_3441098	3441098	3441244	-	6	147	ATG	TGA	0	0	
mORF_-_3441318	3441318	3441353	-	4	36	GTG	TGA	0	0	
mORF_-_3441381	3441381	3441422	-	4	42	TTG	TAA	0	0	
mORF_-_3441429	3441429	3441437	-	4	9	TTG	TGA	0	0	
mORF_-_3441441	3441441	3441536	-	4	96	TTG	TAG	0	0	
mORF_-_3441581	3441581	3441604	-	6	24	GTG	TGA	0	0	
mORF_-_3441633	3441633	3441659	-	4	27	TTG	TAA	0	0	
mORF_-_3441672	3441672	3441716	-	4	45	TTG	TGA	0	0	
mORF_-_3441834	3441834	3442028	-	4	195	TTG	TGA	0	0	
mORF_-_3442029	3442029	3442046	-	4	18	TTG	TGA	0	0	
mORF_-_3442071	3442071	3442088	-	4	18	GTG	TAG	0	0	
mORF_-_3442123	3442123	3442194	-	5	72	GTG	TAG	0	0	
mORF_-_3442127	3442127	3442561	-	6	435	ATG	TAA	83	5275	pORF_-_3442127
mORF_-_3442294	3442294	3442299	-	5	6	GTG	TAG	0	0	
mORF_-_3442306	3442306	3442500	-	5	195	GTG	TAG	0	0	
mORF_-_3442552	3442552	3442575	-	5	24	TTG	TAA	0	0	
mORF_-_3442565	3442565	3442744	-	6	180	ATG	TAA	37	1827	pORF_-_3442565
mORF_-_3442636	3442636	3442782	-	5	147	GTG	TAG	0	0	
mORF_-_3442748	3442748	3443251	-	6	504	ATG	TAA	128	7874	pORF_-_3442748
mORF_-_3442810	3442810	3442992	-	5	183	GTG	TGA	0	0	
mORF_-_3443038	3443038	3443136	-	5	99	TTG	TGA	0	0	
mORF_-_3443143	3443143	3443172	-	5	30	GTG	TGA	0	0	

mORF_-_3443253	3443253	3443354	-	4	102	ATG	TAA	0	0	
mORF_-_3443266	3443266	3443619	-	5	354	ATG	TAA	64	4763	pORF_-_3443266
mORF_-_3443472	3443472	3443501	-	4	30	TTG	TAG	0	0	
mORF_-_3443502	3443502	3443732	-	4	231	TTG	TAA	0	0	
mORF_-_3443629	3443629	3444162	-	5	534	ATG	TAA	101	6930	pORF_-_3443629
mORF_-_3443763	3443763	3443825	-	4	63	TTG	TGA	0	0	
mORF_-_3443774	3443774	3443791	-	6	18	ATG	TGA	0	0	
mORF_-_3443856	3443856	3443879	-	4	24	GTG	TGA	0	0	
mORF_-_3443886	3443886	3443930	-	4	45	GTG	TAG	0	0	
mORF_-_3443909	3443909	3443980	-	6	72	TTG	TAA	0	0	
mORF_-_3443946	3443946	3443999	-	4	54	GTG	TGA	0	0	
mORF_-_3444012	3444012	3444047	-	4	36	ATG	TGA	0	0	
mORF_-_3444111	3444111	3444155	-	4	45	GTG	TAA	0	0	
mORF_-_3444175	3444175	3444567	-	5	393	ATG	TAA	88	4805	pORF_-_3444175
mORF_-_3444180	3444180	3444227	-	4	48	GTG	TAG	0	0	
mORF_-_3444234	3444234	3444338	-	4	105	GTG	TGA	0	0	
mORF_-_3444351	3444351	3444356	-	4	6	TTG	TAG	0	0	
mORF_-_3444378	3444378	3444431	-	4	54	TTG	TGA	0	0	
mORF_-_3444564	3444564	3444590	-	4	27	TTG	TGA	0	0	
mORF_-_3444574	3444574	3444600	-	5	27	TTG	TAA	0	0	
mORF_-_3444601	3444601	3444906	-	5	306	ATG	TAA	47	1902	pORF_-_3444601
mORF_-_3444618	3444618	3444653	-	4	36	GTG	TGA	0	0	
mORF_-_3444669	3444669	3444749	-	4	81	GTG	TGA	0	0	
mORF_-_3444746	3444746	3444784	-	6	39	TTG	TGA	0	0	
mORF_-_3444804	3444804	3444809	-	4	6	ATG	TGA	0	0	
mORF_-_3444899	3444899	3445144	-	6	246	TTG	TAA	0	0	
mORF_-_3444921	3444921	3445460	-	4	540	ATG	TAA	151	6145	pORF_-_3444921
mORF_-_3445151	3445151	3445186	-	6	36	GTG	TGA	0	0	
mORF_-_3445159	3445159	3445173	-	5	15	GTG	TGA	0	0	
mORF_-_3445193	3445193	3445240	-	6	48	TTG	TAA	0	0	
mORF_-_3445262	3445262	3445345	-	6	84	GTG	TGA	0	0	
mORF_-_3445424	3445424	3445447	-	6	24	ATG	TAG	0	0	
mORF_-_3445465	3445465	3445473	-	5	9	TTG	TAG	0	0	
mORF_-_3445475	3445475	3445789	-	6	315	ATG	TAA	79	3361	pORF_-_3445475
mORF_-_3445540	3445540	3445569	-	5	30	ATG	TAG	0	0	
mORF_-_3445579	3445579	3445623	-	5	45	GTG	TAG	0	0	
mORF_-_3445633	3445633	3445710	-	5	78	ATG	TGA	0	0	
mORF_-_3445747	3445747	3445770	-	5	24	GTG	TAA	0	0	
mORF_-_3445800	3445800	3446171	-	4	372	ATG	TAA	65	3653	pORF_-_3445800
mORF_-_3445832	3445832	3445858	-	6	27	GTG	TGA	0	0	
mORF_-_3445855	3445855	3445923	-	5	69	TTG	TGA	0	0	
mORF_-_3445862	3445862	3445873	-	6	12	TTG	TAA	0	0	
mORF_-_3445910	3445910	3445969	-	6	60	GTG	TGA	0	0	
mORF_-_3445997	3445997	3446026	-	6	30	GTG	TGA	0	0	
mORF_-_3446020	3446020	3446112	-	5	93	GTG	TAA	0	0	
mORF_-_3446066	3446066	3446095	-	6	30	GTG	TAG	0	0	
mORF_-_3446114	3446114	3446128	-	6	15	GTG	TAA	0	0	
mORF_-_3446173	3446173	3446193	-	5	21	TTG	TAA	0	0	
mORF_-_3446197	3446197	3446235	-	5	39	ATG	TAG	0	0	
mORF_-_3446214	3446214	3446297	-	4	84	ATG	TGA	0	0	
mORF_-_3446222	3446222	3446251	-	6	30	ATG	TAA	0	0	
mORF_-_3446251	3446251	3446259	-	5	9	GTG	TAA	0	0	
mORF_-_3446336	3446336	3446590	-	6	255	ATG	TAA	41	1887	pORF_-_3446336
mORF_-_3446353	3446353	3446451	-	5	99	ATG	TAG	0	0	
mORF_-_3446379	3446379	3446402	-	4	24	ATG	TAA	0	0	
mORF_-_3446421	3446421	3446435	-	4	15	ATG	TGA	0	0	
mORF_-_3446503	3446503	3446556	-	5	54	TTG	TGA	0	0	
mORF_-_3446580	3446580	3446597	-	4	18	GTG	TAA	0	0	
mORF_-_3446590	3446590	3446781	-	5	192	ATG	TAA	52	3869	pORF_-_3446590
mORF_-_3446610	3446610	3446636	-	4	27	ATG	TGA	0	0	
mORF_-_3446652	3446652	3446714	-	4	63	GTG	TGA	0	0	
mORF_-_3446739	3446739	3446762	-	4	24	GTG	TGA	0	0	
mORF_-_3446781	3446781	3447191	-	4	411	ATG	TAA	61	4142	pORF_-_3446781

mORF_-_3446798	3446798	3446884	-	6	87	ATG	TAA	0	0	
mORF_-_3446893	3446893	3446919	-	5	27	TTG	TAA	0	0	
mORF_-_3446906	3446906	3447028	-	6	123	GTG	TGA	0	0	
mORF_-_3447032	3447032	3447040	-	6	9	GTG	TGA	0	0	
mORF_-_3447068	3447068	3447085	-	6	18	TTG	TGA	0	0	
mORF_-_3447092	3447092	3447118	-	6	27	ATG	TGA	0	0	
mORF_-_3447191	3447191	3447280	-	6	90	GTG	TGA	0	0	
mORF_-_3447204	3447204	3447905	-	4	702	ATG	TAA	124	5826	pORF_-_3447204
mORF_-_3447262	3447262	3447306	-	5	45	GTG	TGA	0	0	
mORF_-_3447320	3447320	3447499	-	6	180	GTG	TAA	0	0	
mORF_-_3447364	3447364	3447408	-	5	45	ATG	TGA	0	0	
mORF_-_3447503	3447503	3447559	-	6	57	TTG	TGA	0	0	
mORF_-_3447653	3447653	3447664	-	6	12	GTG	TAG	0	0	
mORF_-_3447707	3447707	3447712	-	6	6	GTG	TAA	0	0	
mORF_-_3447776	3447776	3447838	-	6	63	TTG	TGA	0	0	
mORF_-_3447814	3447814	3447855	-	5	42	ATG	TGA	0	0	
mORF_-_3447860	3447860	3447883	-	6	24	ATG	TAA	0	0	
mORF_-_3447883	3447883	3447939	-	5	57	TTG	TAA	0	0	
mORF_-_3447923	3447923	3448255	-	6	333	ATG	TGA	84	4860	pORF_-_3447923
mORF_-_3447964	3447964	3447993	-	5	30	GTG	TGA	0	0	
mORF_-_3448048	3448048	3448092	-	5	45	TTG	TGA	0	0	
mORF_-_3448186	3448186	3448230	-	5	45	ATG	TGA	0	0	
mORF_-_3448239	3448239	3448349	-	4	111	TTG	TAA	0	0	
mORF_-_3448270	3448270	3448548	-	5	279	ATG	TAA	64	3131	pORF_-_3448270
mORF_-_3448362	3448362	3448391	-	4	30	ATG	TAA	0	0	
mORF_-_3448421	3448421	3448450	-	6	30	TTG	TAA	0	0	
mORF_-_3448500	3448500	3448517	-	4	18	TTG	TGA	0	0	
mORF_-_3448565	3448565	3449386	-	6	822	ATG	TAA	139	6573	pORF_-_3448565
mORF_-_3448623	3448623	3448646	-	4	24	GTG	TAA	0	0	
mORF_-_3448651	3448651	3448692	-	5	42	ATG	TAA	0	0	
mORF_-_3448711	3448711	3448821	-	5	111	GTG	TGA	0	0	
mORF_-_3448834	3448834	3448893	-	5	60	TTG	TAG	0	0	
mORF_-_3448954	3448954	3449028	-	5	75	TTG	TAG	0	0	
mORF_-_3449056	3449056	3449298	-	5	243	TTG	TGA	0	0	
mORF_-_3449338	3449338	3449379	-	5	42	TTG	TAG	0	0	
mORF_-_3449367	3449367	3449372	-	4	6	ATG	TAA	0	0	
mORF_-_3449391	3449391	3449420	-	4	30	TTG	TAA	0	0	
mORF_-_3449404	3449404	3449706	-	5	303	ATG	TAA	65	7918	pORF_-_3449404
mORF_-_3449520	3449520	3449672	-	4	153	GTG	TAG	0	0	
mORF_-_3449682	3449682	3449699	-	4	18	GTG	TGA	0	0	
mORF_-_3449696	3449696	3449737	-	6	42	ATG	TGA	0	0	
mORF_-_3449703	3449703	3450308	-	4	606	ATG	TGA	154	10934	pORF_-_3449703
mORF_-_3449768	3449768	3449857	-	6	90	GTG	TGA	0	0	
mORF_-_3449867	3449867	3449875	-	6	9	ATG	TGA	0	0	
mORF_-_3449930	3449930	3449950	-	6	21	TTG	TAG	0	0	
mORF_-_3449993	3449993	3450055	-	6	63	TTG	TGA	0	0	
mORF_-_3450019	3450019	3450132	-	5	114	GTG	TAA	0	0	
mORF_-_3450059	3450059	3450109	-	6	51	GTG	TGA	0	0	
mORF_-_3450152	3450152	3450247	-	6	96	GTG	TAA	0	0	
mORF_-_3450319	3450319	3450948	-	5	630	ATG	TAA	112	7813	pORF_-_3450319
mORF_-_3450345	3450345	3450410	-	4	66	TTG	TGA	0	0	
mORF_-_3450417	3450417	3450425	-	4	9	TTG	TAG	0	0	
mORF_-_3450438	3450438	3450443	-	4	6	GTG	TAA	0	0	
mORF_-_3450621	3450621	3450656	-	4	36	TTG	TAA	0	0	
mORF_-_3450672	3450672	3450719	-	4	48	GTG	TAG	0	0	
mORF_-_3450692	3450692	3450712	-	6	21	GTG	TGA	0	0	
mORF_-_3450768	3450768	3450791	-	4	24	GTG	TGA	0	0	
mORF_-_3450798	3450798	3450863	-	4	66	TTG	TGA	0	0	
mORF_-_3450936	3450936	3450944	-	4	9	TTG	TAG	0	0	
mORF_-_3450945	3450945	3450956	-	4	12	TTG	TGA	0	0	
mORF_-_3450953	3450953	3450964	-	6	12	TTG	TGA	0	0	
mORF_-_3450961	3450961	3450972	-	5	12	TTG	TGA	0	0	
mORF_-_3450981	3450981	3451292	-	4	312	ATG	TAA	77	3755	pORF_-_3450981

mORF_-_3451004	3451004	3451009	-	6	6	GTG	TAG	0	0	
mORF_-_3451031	3451031	3451072	-	6	42	TTG	TGA	0	0	
mORF_-_3451136	3451136	3451195	-	6	60	GTG	TGA	0	0	
mORF_-_3451241	3451241	3451255	-	6	15	TTG	TGA	0	0	
mORF_-_3451252	3451252	3451308	-	5	57	TTG	TGA	0	0	
mORF_-_3451314	3451314	3451400	-	4	87	ATG	TAA	0	0	
mORF_-_3451403	3451403	3451414	-	6	12	TTG	TAA	0	0	
mORF_-_3451421	3451421	3451471	-	6	51	ATG	TAG	0	0	
mORF_-_3451432	3451432	3451452	-	5	21	TTG	TGA	0	0	
mORF_-_3451449	3451449	3451478	-	4	30	ATG	TGA	0	0	
mORF_-_3451453	3451453	3451461	-	5	9	TTG	TAG	0	0	
mORF_-_3451471	3451471	3451497	-	5	27	TTG	TAA	0	0	
mORF_-_3451481	3451481	3451540	-	6	60	TTG	TAA	0	0	
mORF_-_3451530	3451530	3451949	-	4	420	ATG	TAA	0	0	
mORF_-_3451547	3451547	3451564	-	6	18	GTG	TGA	0	0	
mORF_-_3451571	3451571	3451660	-	6	90	ATG	TAA	0	0	
mORF_-_3451744	3451744	3451854	-	5	111	TTG	TGA	0	0	
mORF_-_3451772	3451772	3451828	-	6	57	TTG	TAG	0	0	
mORF_-_3451856	3451856	3451861	-	6	6	ATG	TAA	0	0	
mORF_-_3451865	3451865	3451954	-	6	90	ATG	TAA	0	0	
mORF_-_3451951	3451951	3453420	-	5	1470	ATG	TGA	1	0	pORF_-_3451951
mORF_-_3451962	3451962	3452012	-	4	51	GTG	TGA	0	0	
mORF_-_3452040	3452040	3452063	-	4	24	GTG	TAG	0	0	
mORF_-_3452066	3452066	3452128	-	6	63	GTG	TGA	0	0	
mORF_-_3452166	3452166	3452282	-	4	117	TTG	TAA	0	0	
mORF_-_3452207	3452207	3452248	-	6	42	GTG	TGA	0	0	
mORF_-_3452261	3452261	3452272	-	6	12	ATG	TGA	0	0	
mORF_-_3452279	3452279	3452287	-	6	9	ATG	TGA	0	0	
mORF_-_3452288	3452288	3452305	-	6	18	GTG	TAA	0	0	
mORF_-_3452316	3452316	3452360	-	4	45	TTG	TAG	0	0	
mORF_-_3452415	3452415	3452444	-	4	30	GTG	TAG	0	0	
mORF_-_3452447	3452447	3452482	-	6	36	GTG	TAA	0	0	
mORF_-_3452492	3452492	3452515	-	6	24	ATG	TGA	0	0	
mORF_-_3452532	3452532	3452543	-	4	12	GTG	TAA	0	0	
mORF_-_3452553	3452553	3452567	-	4	15	TTG	TGA	0	0	
mORF_-_3452588	3452588	3452662	-	6	75	TTG	TAA	0	0	
mORF_-_3452610	3452610	3452690	-	4	81	GTG	TGA	0	0	
mORF_-_3452694	3452694	3452732	-	4	39	GTG	TGA	0	0	
mORF_-_3452729	3452729	3452851	-	6	123	ATG	TGA	0	0	
mORF_-_3452748	3452748	3452822	-	4	75	TTG	TGA	0	0	
mORF_-_3452883	3452883	3452921	-	4	39	TTG	TAA	0	0	
mORF_-_3452958	3452958	3452996	-	4	39	GTG	TAG	0	0	
mORF_-_3453024	3453024	3453077	-	4	54	TTG	TGA	0	0	
mORF_-_3453093	3453093	3453263	-	4	171	TTG	TGA	0	0	
mORF_-_3453218	3453218	3453238	-	6	21	ATG	TAA	0	0	
mORF_-_3453279	3453279	3453383	-	4	105	GTG	TGA	0	0	
mORF_-_3453341	3453341	3453358	-	6	18	ATG	TGA	0	0	
mORF_-_3453380	3453380	3453385	-	6	6	GTG	TGA	0	0	
mORF_-_3453438	3453438	3453458	-	4	21	ATG	TAA	0	0	
mORF_-_3453451	3453451	3453576	-	5	126	TTG	TAA	0	0	
mORF_-_3453497	3453497	3453529	-	6	33	TTG	TAG	0	0	
mORF_-_3453522	3453522	3453536	-	4	15	ATG	TGA	0	0	
mORF_-_3453546	3453546	3453572	-	4	27	GTG	TAA	0	0	
mORF_-_3453578	3453578	3453607	-	6	30	GTG	TAG	0	0	
mORF_-_3453586	3453586	3453609	-	5	24	GTG	TAA	0	0	
mORF_-_3453609	3453609	3453752	-	4	144	TTG	TAG	0	0	
mORF_-_3453635	3453635	3453682	-	6	48	ATG	TGA	0	0	
mORF_-_3453697	3453697	3453720	-	5	24	TTG	TAA	0	0	
mORF_-_3453707	3453707	3453745	-	6	39	ATG	TAA	0	0	
mORF_-_3453745	3453745	3453765	-	5	21	ATG	TAA	0	0	
mORF_-_3453778	3453778	3453831	-	5	54	TTG	TGA	0	0	
mORF_-_3453792	3453792	3453812	-	4	21	ATG	TAA	0	0	
mORF_-_3453844	3453844	3453858	-	5	15	GTG	TAA	0	0	

mORF_-_3453848	3453848	3453961	-	6	114	TTG	TGA	0	0	
mORF_-_3453892	3453892	3453897	-	5	6	ATG	TGA	0	0	
mORF_-_3453921	3453921	3453944	-	4	24	TTG	TAA	0	0	
mORF_-_3453975	3453975	3454061	-	4	87	ATG	TGA	0	0	
mORF_-_3454040	3454040	3454084	-	6	45	TTG	TAA	0	0	
mORF_-_3454095	3454095	3454106	-	4	12	TTG	TGA	0	0	
mORF_-_3454121	3454121	3454246	-	6	126	TTG	TAA	0	0	
mORF_-_3454192	3454192	3454200	-	5	9	ATG	TGA	0	0	
mORF_-_3454215	3454215	3454265	-	4	51	GTG	TAG	0	0	
mORF_-_3454243	3454243	3454287	-	5	45	ATG	TGA	0	0	
mORF_-_3454299	3454299	3454496	-	4	198	TTG	TAG	0	0	
mORF_-_3454316	3454316	3454336	-	6	21	TTG	TGA	0	0	
mORF_-_3454321	3454321	3454326	-	5	6	TTG	TAA	0	0	
mORF_-_3454418	3454418	3454441	-	6	24	GTG	TGA	0	0	
mORF_-_3454441	3454441	3454614	-	5	174	TTG	TAG	0	0	
mORF_-_3454533	3454533	3454583	-	4	51	ATG	TGA	0	0	
mORF_-_3454659	3454659	3454778	-	4	120	GTG	TAA	0	0	
mORF_-_3454705	3454705	3454986	-	5	282	ATG	TGA	0	0	
mORF_-_3454709	3454709	3454723	-	6	15	ATG	TAG	0	0	
mORF_-_3454872	3454872	3454964	-	4	93	GTG	TAA	0	0	
mORF_-_3454999	3454999	3455031	-	5	33	TTG	TGA	0	0	
mORF_-_3455028	3455028	3455153	-	4	126	GTG	TGA	0	0	
mORF_-_3455032	3455032	3455049	-	5	18	GTG	TAA	0	0	
mORF_-_3455120	3455120	3455140	-	6	21	GTG	TGA	0	0	
mORF_-_3455150	3455150	3455158	-	6	9	ATG	TGA	0	0	
mORF_-_3455211	3455211	3455459	-	4	249	ATG	TAA	1	2	pORF_-_3455211
mORF_-_3455369	3455369	3455455	-	6	87	TTG	TAA	0	0	
mORF_-_3455456	3455456	3455527	-	6	72	GTG	TGA	0	0	
mORF_-_3455469	3455469	3455540	-	4	72	TTG	TGA	0	0	
mORF_-_3455485	3455485	3455532	-	5	48	TTG	TAG	0	0	
mORF_-_3455548	3455548	3455571	-	5	24	TTG	TAA	0	0	
mORF_-_3455583	3455583	3455606	-	4	24	GTG	TAA	0	0	
mORF_-_3455640	3455640	3455891	-	4	252	TTG	TAG	0	0	
mORF_-_3455690	3455690	3455737	-	6	48	TTG	TAA	0	0	
mORF_-_3455771	3455771	3455809	-	6	39	GTG	TGA	0	0	
mORF_-_3455818	3455818	3456066	-	5	249	TTG	TGA	0	0	
mORF_-_3455834	3455834	3455866	-	6	33	TTG	TAA	0	0	
mORF_-_3455991	3455991	3456011	-	4	21	TTG	TGA	0	0	
mORF_-_3456056	3456056	3456073	-	6	18	TTG	TAG	0	0	
mORF_-_3456100	3456100	3456111	-	5	12	TTG	TAA	0	0	
mORF_-_3456120	3456120	3456149	-	4	30	TTG	TAG	0	0	
mORF_-_3456176	3456176	3456268	-	6	93	TTG	TAA	0	0	
mORF_-_3456195	3456195	3456224	-	4	30	GTG	TAA	0	0	
mORF_-_3456208	3456208	3456246	-	5	39	TTG	TGA	0	0	
mORF_-_3456234	3456234	3456320	-	4	87	TTG	TGA	0	0	
mORF_-_3456265	3456265	3456327	-	5	63	GTG	TGA	0	0	
mORF_-_3456317	3456317	3456403	-	6	87	GTG	TGA	0	0	
mORF_-_3456324	3456324	3456356	-	4	33	ATG	TGA	0	0	
mORF_-_3456343	3456343	3456372	-	5	30	GTG	TGA	0	0	
mORF_-_3456373	3456373	3456405	-	5	33	TTG	TGA	0	0	
mORF_-_3456437	3456437	3456679	-	6	243	GTG	TAA	0	0	
mORF_-_3456469	3456469	3456483	-	5	15	TTG	TAA	0	0	
mORF_-_3456486	3456486	3456509	-	4	24	ATG	TGA	0	0	
mORF_-_3456520	3456520	3456606	-	5	87	TTG	TGA	0	0	
mORF_-_3456603	3456603	3456746	-	4	144	ATG	TGA	0	0	
mORF_-_3456670	3456670	3456744	-	5	75	GTG	TGA	0	0	
mORF_-_3456719	3456719	3456835	-	6	117	GTG	TGA	0	0	
mORF_-_3456753	3456753	3456965	-	4	213	ATG	TAG	0	0	
mORF_-_3456857	3456857	3456895	-	6	39	GTG	TGA	0	0	
mORF_-_3456908	3456908	3457021	-	6	114	ATG	TAA	0	0	
mORF_-_3456966	3456966	3457073	-	4	108	ATG	TAG	0	0	
mORF_-_3457060	3457060	3457371	-	5	312	ATG	TAA	0	0	
mORF_-_3457074	3457074	3457133	-	4	60	GTG	TGA	0	0	

mORF_-_3457137	3457137	3457307	-	4	171	ATG	TAG	0	0
mORF_-_3457350	3457350	3457526	-	4	177	GTG	TGA	0	0
mORF_-_3457361	3457361	3457387	-	6	27	GTG	TGA	0	0
mORF_-_3457381	3457381	3457392	-	5	12	GTG	TGA	0	0
mORF_-_3457394	3457394	3457447	-	6	54	ATG	TAG	0	0
mORF_-_3457444	3457444	3457521	-	5	78	TTG	TGA	0	0
mORF_-_3457523	3457523	3457537	-	6	15	GTG	TGA	0	0
mORF_-_3457534	3457534	3457650	-	5	117	GTG	TGA	0	0
mORF_-_3457556	3457556	3457585	-	6	30	TTG	TAA	0	0
mORF_-_3457566	3457566	3457592	-	4	27	GTG	TGA	0	0
mORF_-_3457629	3457629	3457640	-	4	12	ATG	TGA	0	0
mORF_-_3457675	3457675	3457710	-	5	36	TTG	TAA	0	0
mORF_-_3457685	3457685	3457714	-	6	30	GTG	TAG	0	0
mORF_-_3457689	3457689	3458012	-	4	324	ATG	TGA	0	0
mORF_-_3457723	3457723	3457740	-	5	18	GTG	TAG	0	0
mORF_-_3457747	3457747	3457767	-	5	21	TTG	TAA	0	0
mORF_-_3457802	3457802	3457840	-	6	39	ATG	TAA	0	0
mORF_-_3457850	3457850	3457861	-	6	12	ATG	TAG	0	0
mORF_-_3457874	3457874	3457894	-	6	21	ATG	TGA	0	0
mORF_-_3457900	3457900	3457992	-	5	93	GTG	TAG	0	0
mORF_-_3457913	3457913	3458032	-	6	120	GTG	TGA	0	0
mORF_-_3458029	3458029	3458181	-	5	153	ATG	TGA	0	0
mORF_-_3458064	3458064	3458102	-	4	39	TTG	TAA	0	0
mORF_-_3458130	3458130	3458165	-	4	36	ATG	TAA	0	0
mORF_-_3458135	3458135	3458197	-	6	63	GTG	TGA	0	0
mORF_-_3458181	3458181	3458189	-	4	9	ATG	TAA	0	0
mORF_-_3458282	3458282	3458320	-	6	39	ATG	TAA	0	0
mORF_-_3458317	3458317	3458328	-	5	12	GTG	TGA	0	0
mORF_-_3458325	3458325	3458435	-	4	111	TTG	TGA	0	0
mORF_-_3458333	3458333	3458557	-	6	225	TTG	TAG	0	0
mORF_-_3458404	3458404	3458499	-	5	96	ATG	TAA	0	0
mORF_-_3458460	3458460	3458483	-	4	24	TTG	TAA	0	0
mORF_-_3458544	3458544	3458576	-	4	33	ATG	TAA	0	0
mORF_-_3458573	3458573	3458623	-	6	51	ATG	TGA	0	0
mORF_-_3458623	3458623	3458634	-	5	12	GTG	TAA	0	0
mORF_-_3458636	3458636	3458779	-	6	144	ATG	TAG	0	0
mORF_-_3458649	3458649	3458798	-	4	150	TTG	TAA	0	0
mORF_-_3458713	3458713	3458868	-	5	156	ATG	TGA	0	0
mORF_-_3458825	3458825	3458953	-	6	129	ATG	TAG	0	0
mORF_-_3458868	3458868	3458909	-	4	42	TTG	TAA	0	0
mORF_-_3458875	3458875	3458949	-	5	75	GTG	TGA	0	0
mORF_-_3458922	3458922	3459014	-	4	93	TTG	TAA	0	0
mORF_-_3458956	3458956	3458967	-	5	12	GTG	TAA	0	0
mORF_-_3459016	3459016	3459024	-	5	9	TTG	TAA	0	0
mORF_-_3459021	3459021	3459065	-	4	45	TTG	TGA	0	0
mORF_-_3459028	3459028	3459054	-	5	27	TTG	TAA	0	0
mORF_-_3459032	3459032	3459232	-	6	201	TTG	TAA	0	0
mORF_-_3459073	3459073	3459078	-	5	6	ATG	TAA	0	0
mORF_-_3459141	3459141	3459239	-	4	99	GTG	TAG	0	0
mORF_-_3459181	3459181	3459306	-	5	126	TTG	TGA	0	0
mORF_-_3459239	3459239	3459250	-	6	12	GTG	TAG	0	0
mORF_-_3459270	3459270	3459389	-	4	120	ATG	TAA	0	0
mORF_-_3459308	3459308	3459316	-	6	9	TTG	TAG	0	0
mORF_-_3459323	3459323	3459358	-	6	36	TTG	TAA	0	0
mORF_-_3459362	3459362	3459469	-	6	108	TTG	TAA	0	0
mORF_-_3459373	3459373	3459396	-	5	24	ATG	TAA	0	0
mORF_-_3459484	3459484	3459501	-	5	18	TTG	TGA	0	0
mORF_-_3459495	3459495	3459665	-	4	171	GTG	TGA	0	0
mORF_-_3459551	3459551	3459559	-	6	9	TTG	TGA	0	0
mORF_-_3459572	3459572	3459577	-	6	6	ATG	TGA	0	0
mORF_-_3459629	3459629	3459640	-	6	12	GTG	TAA	0	0
mORF_-_3459646	3459646	3459693	-	5	48	ATG	TAA	0	0
mORF_-_3459668	3459668	3459709	-	6	42	ATG	TGA	0	0

mORF_-_3459675	3459675	3459731	-	4	57	TTG	TGA	0	0
mORF_-_3459716	3459716	3459829	-	6	114	ATG	TAA	0	0
mORF_-_3459760	3459760	3459789	-	5	30	TTG	TAA	0	0
mORF_-_3459811	3459811	3459882	-	5	72	TTG	TGA	0	0
mORF_-_3459822	3459822	3459887	-	4	66	GTG	TGA	0	0
mORF_-_3459830	3459830	3459856	-	6	27	GTG	TAA	0	0
mORF_-_3459908	3459908	3460105	-	6	198	ATG	TAG	0	0
mORF_-_3459955	3459955	3460020	-	5	66	GTG	TGA	0	0
mORF_-_3459969	3459969	3460007	-	4	39	TTG	TGA	0	0
mORF_-_3460051	3460051	3460314	-	5	264	TTG	TGA	0	0
mORF_-_3460071	3460071	3460094	-	4	24	TTG	TAA	0	0
mORF_-_3460157	3460157	3460285	-	6	129	ATG	TGA	0	0
mORF_-_3460161	3460161	3460166	-	4	6	TTG	TGA	0	0
mORF_-_3460209	3460209	3460250	-	4	42	GTG	TAA	0	0
mORF_-_3460296	3460296	3460406	-	4	111	ATG	TAA	0	0
mORF_-_3460321	3460321	3460362	-	5	42	GTG	TAA	0	0
mORF_-_3460331	3460331	3460339	-	6	9	ATG	TGA	0	0
mORF_-_3460388	3460388	3460393	-	6	6	ATG	TGA	0	0
mORF_-_3460403	3460403	3460429	-	6	27	TTG	TGA	0	0
mORF_-_3460426	3460426	3460482	-	5	57	TTG	TGA	0	0
mORF_-_3460448	3460448	3460489	-	6	42	GTG	TAA	0	0
mORF_-_3460479	3460479	3460511	-	4	33	TTG	TGA	0	0
mORF_-_3460512	3460512	3460676	-	4	165	GTG	TGA	0	0
mORF_-_3460516	3460516	3460665	-	5	150	TTG	TAG	0	0
mORF_-_3460652	3460652	3460663	-	6	12	GTG	TGA	0	0
mORF_-_3460669	3460669	3460773	-	5	105	ATG	TAA	0	0
mORF_-_3460746	3460746	3460835	-	4	90	GTG	TGA	0	0
mORF_-_3460832	3460832	3460960	-	6	129	TTG	TGA	0	0
mORF_-_3460837	3460837	3460857	-	5	21	TTG	TAA	0	0
mORF_-_3460897	3460897	3461025	-	5	129	ATG	TAA	0	0
mORF_-_3460991	3460991	3461194	-	6	204	TTG	TAA	0	0
mORF_-_3461074	3461074	3461367	-	5	294	GTG	TGA	0	0
mORF_-_3461142	3461142	3461192	-	4	51	GTG	TAA	0	0
mORF_-_3461234	3461234	3461251	-	6	18	GTG	TAA	0	0
mORF_-_3461262	3461262	3461276	-	4	15	TTG	TGA	0	0
mORF_-_3461270	3461270	3461383	-	6	114	TTG	TAA	0	0
mORF_-_3461340	3461340	3461420	-	4	81	GTG	TAA	0	0
mORF_-_3461414	3461414	3461473	-	6	60	ATG	TGA	0	0
mORF_-_3461446	3461446	3461481	-	5	36	TTG	TAA	0	0
mORF_-_3461512	3461512	3461538	-	5	27	ATG	TGA	0	0
mORF_-_3461542	3461542	3461715	-	5	174	GTG	TGA	0	0
mORF_-_3461655	3461655	3461765	-	4	111	GTG	TGA	0	0
mORF_-_3461678	3461678	3461686	-	6	9	TTG	TAA	0	0
mORF_-_3461708	3461708	3461920	-	6	213	TTG	TAG	0	0
mORF_-_3461806	3461806	3461877	-	5	72	TTG	TAG	0	0
mORF_-_3461874	3461874	3462047	-	4	174	GTG	TGA	0	0
mORF_-_3461926	3461926	3462102	-	5	177	ATG	TAG	0	0
mORF_-_3462044	3462044	3462115	-	6	72	GTG	TGA	0	0
mORF_-_3462099	3462099	3462278	-	4	180	ATG	TGA	0	0
mORF_-_3462127	3462127	3462177	-	5	51	TTG	TAA	0	0
mORF_-_3462167	3462167	3462181	-	6	15	ATG	TGA	0	0
mORF_-_3462181	3462181	3462186	-	5	6	TTG	TAA	0	0
mORF_-_3462205	3462205	3462252	-	5	48	TTG	TAA	0	0
mORF_-_3462300	3462300	3462332	-	4	33	TTG	TAG	0	0
mORF_-_3462313	3462313	3462459	-	5	147	GTG	TAA	0	0
mORF_-_3462360	3462360	3462443	-	4	84	TTG	TAG	0	0
mORF_-_3462395	3462395	3462409	-	6	15	TTG	TAA	0	0
mORF_-_3462416	3462416	3462433	-	6	18	GTG	TGA	0	0
mORF_-_3462440	3462440	3462547	-	6	108	GTG	TGA	0	0
mORF_-_3462463	3462463	3462558	-	5	96	ATG	TAA	0	0
mORF_-_3462522	3462522	3462542	-	4	21	TTG	TGA	0	0
mORF_-_3462548	3462548	3462601	-	6	54	ATG	TAA	0	0
mORF_-_3462571	3462571	3462897	-	5	327	ATG	TGA	0	0

mORF_-_3462609	3462609	3462734	-	4	126	ATG	TAG	0	0	
mORF_-_3462801	3462801	3462830	-	4	30	TTG	TAA	0	0	
mORF_-_3462845	3462845	3462907	-	6	63	GTG	TAA	0	0	
mORF_-_3462898	3462898	3462921	-	5	24	GTG	TAA	0	0	
mORF_-_3462934	3462934	3462963	-	5	30	TTG	TAA	0	0	
mORF_-_3463001	3463001	3463030	-	6	30	GTG	TAG	0	0	
mORF_-_3463070	3463070	3463135	-	6	66	GTG	TGA	0	0	
mORF_-_3463108	3463108	3463161	-	5	54	GTG	TAA	0	0	
mORF_-_3463113	3463113	3463298	-	4	186	ATG	TGA	0	0	
mORF_-_3463220	3463220	3463225	-	6	6	ATG	TAG	0	0	
mORF_-_3463235	3463235	3463270	-	6	36	TTG	TGA	0	0	
mORF_-_3463283	3463283	3463294	-	6	12	GTG	TGA	0	0	
mORF_-_3463302	3463302	3463571	-	4	270	TTG	TAA	0	0	
mORF_-_3463310	3463310	3463402	-	6	93	TTG	TGA	0	0	
mORF_-_3463333	3463333	3463359	-	5	27	TTG	TGA	0	0	
mORF_-_3463378	3463378	3463413	-	5	36	TTG	TGA	0	0	
mORF_-_3463415	3463415	3463459	-	6	45	GTG	TGA	0	0	
mORF_-_3463459	3463459	3463476	-	5	18	ATG	TAG	0	0	
mORF_-_3463499	3463499	3463531	-	6	33	GTG	TGA	0	0	
mORF_-_3463549	3463549	3463590	-	5	42	ATG	TGA	0	0	
mORF_-_3463574	3463574	3463639	-	6	66	GTG	TAG	0	0	
mORF_-_3463612	3463612	3463629	-	5	18	ATG	TAA	0	0	
mORF_-_3463667	3463667	3463720	-	6	54	ATG	TAA	0	0	
mORF_-_3463690	3463690	3463788	-	5	99	ATG	TGA	0	0	
mORF_-_3463755	3463755	3463775	-	4	21	GTG	TAG	0	0	
mORF_-_3463779	3463779	3463802	-	4	24	GTG	TGA	0	0	
mORF_-_3463810	3463810	3463854	-	5	45	GTG	TAG	0	0	
mORF_-_3463855	3463855	3463878	-	5	24	GTG	TGA	0	0	
mORF_-_3463934	3463934	3463939	-	6	6	ATG	TAA	0	0	
mORF_-_3464003	3464003	3464014	-	6	12	GTG	TAA	0	0	
mORF_-_3464011	3464011	3464016	-	5	6	TTG	TGA	0	0	
mORF_-_3464029	3464029	3464121	-	5	93	ATG	TAG	0	0	
mORF_-_3464040	3464040	3464141	-	4	102	GTG	TGA	0	0	
mORF_-_3464045	3464045	3464080	-	6	36	TTG	TAG	0	0	
mORF_-_3464125	3464125	3464205	-	5	81	ATG	TAA	0	0	
mORF_-_3464138	3464138	3464152	-	6	15	TTG	TGA	0	0	
mORF_-_3464169	3464169	3464267	-	4	99	GTG	TAG	0	0	
mORF_-_3464239	3464239	3464274	-	5	36	TTG	TAA	0	0	
mORF_-_3464271	3464271	3464747	-	4	477	ATG	TGA	39	578	pORF_-_3464271
mORF_-_3464327	3464327	3464374	-	6	48	GTG	TGA	0	0	
mORF_-_3464390	3464390	3464512	-	6	123	TTG	TGA	0	0	
mORF_-_3464516	3464516	3464572	-	6	57	TTG	TGA	0	0	
mORF_-_3464591	3464591	3464698	-	6	108	ATG	TGA	0	0	
mORF_-_3464723	3464723	3464740	-	6	18	GTG	TAA	0	0	
mORF_-_3464737	3464737	3464811	-	5	75	GTG	TGA	0	0	
mORF_-_3464790	3464790	3464813	-	4	24	GTG	TAA	0	0	
mORF_-_3464819	3464819	3465013	-	6	195	ATG	TAA	0	0	
mORF_-_3464851	3464851	3464859	-	5	9	ATG	TAA	0	0	
mORF_-_3464866	3464866	3464889	-	5	24	GTG	TGA	0	0	
mORF_-_3464871	3464871	3464891	-	4	21	ATG	TGA	0	0	
mORF_-_3464892	3464892	3464900	-	4	9	GTG	TAA	0	0	
mORF_-_3464926	3464926	3464994	-	5	69	ATG	TAA	0	0	
mORF_-_3464994	3464994	3465038	-	4	45	TTG	TAA	0	0	
mORF_-_3465058	3465058	3465066	-	5	9	TTG	TAA	0	0	
mORF_-_3465063	3465063	3465179	-	4	117	GTG	TGA	0	0	
mORF_-_3465122	3465122	3465181	-	6	60	ATG	TAG	0	0	
mORF_-_3465182	3465182	3467875	-	6	2694	ATG	TAA	0	0	
mORF_-_3465244	3465244	3465360	-	5	117	ATG	TGA	0	0	
mORF_-_3465394	3465394	3465402	-	5	9	TTG	TGA	0	0	
mORF_-_3465421	3465421	3465441	-	5	21	ATG	TGA	0	0	
mORF_-_3465447	3465447	3465506	-	4	60	GTG	TAA	0	0	
mORF_-_3465466	3465466	3465504	-	5	39	GTG	TGA	0	0	
mORF_-_3465507	3465507	3465548	-	4	42	TTG	TAA	0	0	

mORF_-_3465580	3465580	3465615	-	5	36	ATG	TGA	0	0	
mORF_-_3465594	3465594	3465707	-	4	114	ATG	TGA	0	0	
mORF_-_3465619	3465619	3465627	-	5	9	ATG	TGA	0	0	
mORF_-_3465643	3465643	3465684	-	5	42	TTG	TGA	0	0	
mORF_-_3465724	3465724	3465765	-	5	42	TTG	TGA	0	0	
mORF_-_3465805	3465805	3465825	-	5	21	ATG	TGA	0	0	
mORF_-_3465847	3465847	3465891	-	5	45	GTG	TAG	0	0	
mORF_-_3465904	3465904	3466005	-	5	102	ATG	TGA	0	0	
mORF_-_3465921	3465921	3465983	-	4	63	ATG	TGA	0	0	
mORF_-_3466012	3466012	3466020	-	5	9	TTG	TGA	0	0	
mORF_-_3466053	3466053	3466127	-	4	75	GTG	TAA	0	0	
mORF_-_3466084	3466084	3466110	-	5	27	ATG	TGA	0	0	
mORF_-_3466144	3466144	3466182	-	5	39	GTG	TAG	0	0	
mORF_-_3466170	3466170	3466187	-	4	18	GTG	TGA	0	0	
mORF_-_3466240	3466240	3466245	-	5	6	GTG	TGA	0	0	
mORF_-_3466258	3466258	3466305	-	5	48	ATG	TGA	0	0	
mORF_-_3466338	3466338	3466355	-	4	18	GTG	TAA	0	0	
mORF_-_3466342	3466342	3466464	-	5	123	GTG	TAG	0	0	
mORF_-_3466461	3466461	3466520	-	4	60	GTG	TGA	0	0	
mORF_-_3466468	3466468	3466584	-	5	117	ATG	TGA	0	0	
mORF_-_3466524	3466524	3466550	-	4	27	ATG	TAA	0	0	
mORF_-_3466594	3466594	3466671	-	5	78	GTG	TAG	0	0	
mORF_-_3466683	3466683	3466733	-	4	51	ATG	TAA	0	0	
mORF_-_3466696	3466696	3466827	-	5	132	ATG	TGA	0	0	
mORF_-_3466749	3466749	3466772	-	4	24	TTG	TGA	0	0	
mORF_-_3466776	3466776	3466790	-	4	15	GTG	TAA	0	0	
mORF_-_3466839	3466839	3466859	-	4	21	GTG	TAG	0	0	
mORF_-_3466927	3466927	3466953	-	5	27	TTG	TGA	0	0	
mORF_-_3466960	3466960	3467085	-	5	126	ATG	TGA	0	0	
mORF_-_3467007	3467007	3467057	-	4	51	ATG	TAA	0	0	
mORF_-_3467061	3467061	3467114	-	4	54	GTG	TAA	0	0	
mORF_-_3467139	3467139	3467156	-	4	18	ATG	TAA	0	0	
mORF_-_3467188	3467188	3467235	-	5	48	ATG	TAG	0	0	
mORF_-_3467266	3467266	3467391	-	5	126	GTG	TGA	0	0	
mORF_-_3467310	3467310	3467360	-	4	51	ATG	TAA	0	0	
mORF_-_3467400	3467400	3467417	-	4	18	GTG	TAA	0	0	
mORF_-_3467410	3467410	3467490	-	5	81	TTG	TAG	0	0	
mORF_-_3467491	3467491	3467625	-	5	135	TTG	TAG	0	0	
mORF_-_3467637	3467637	3467669	-	4	33	GTG	TGA	0	0	
mORF_-_3467659	3467659	3467844	-	5	186	TTG	TAA	0	0	
mORF_-_3467682	3467682	3467726	-	4	45	GTG	TGA	0	0	
mORF_-_3467787	3467787	3467828	-	4	42	GTG	TAA	0	0	
mORF_-_3467853	3467853	3467909	-	4	57	TTG	TAA	0	0	
mORF_-_3467875	3467875	3467904	-	5	30	TTG	TAA	0	0	
mORF_-_3467930	3467930	3467953	-	6	24	TTG	TAA	0	0	
mORF_-_3467960	3467960	3468118	-	6	159	TTG	TAA	0	0	
mORF_-_3467965	3467965	3468024	-	5	60	ATG	TAA	0	0	
mORF_-_3468106	3468106	3468219	-	5	114	GTG	TGA	0	0	
mORF_-_3468141	3468141	3468149	-	4	9	TTG	TGA	0	0	
mORF_-_3468167	3468167	3469396	-	6	1230	GTG	TAA	728	63554	pORF_-_3468167
mORF_-_3468262	3468262	3468273	-	5	12	TTG	TGA	0	0	
mORF_-_3468337	3468337	3468525	-	5	189	GTG	TGA	0	0	
mORF_-_3468526	3468526	3468636	-	5	111	TTG	TAG	0	0	
mORF_-_3468655	3468655	3468738	-	5	84	GTG	TAG	0	0	
mORF_-_3468729	3468729	3468800	-	4	72	GTG	TGA	0	0	
mORF_-_3468823	3468823	3468930	-	5	108	TTG	TGA	0	0	
mORF_-_3468927	3468927	3468941	-	4	15	ATG	TGA	0	0	
mORF_-_3468973	3468973	3469035	-	5	63	TTG	TAG	0	0	
mORF_-_3469036	3469036	3469068	-	5	33	GTG	TAG	0	0	
mORF_-_3469075	3469075	3469089	-	5	15	ATG	TGA	0	0	
mORF_-_3469111	3469111	3469227	-	5	117	GTG	TAG	0	0	
mORF_-_3469267	3469267	3469335	-	5	69	TTG	TGA	0	0	
mORF_-_3469409	3469409	3469441	-	6	33	TTG	TAA	0	0	

mORF_-_3469422	3469422	3471536	-	4	2115	ATG	TAA	346	21911	pORF_-_3469422
mORF_-_3469442	3469442	3469477	-	6	36	ATG	TAA	0	0	
mORF_-_3469481	3469481	3469507	-	6	27	GTG	TGA	0	0	
mORF_-_3469517	3469517	3469621	-	6	105	GTG	TGA	0	0	
mORF_-_3469631	3469631	3469651	-	6	21	GTG	TGA	0	0	
mORF_-_3469673	3469673	3469681	-	6	9	TTG	TAG	0	0	
mORF_-_3469685	3469685	3469786	-	6	102	ATG	TGA	0	0	
mORF_-_3469853	3469853	3469879	-	6	27	TTG	TGA	0	0	
mORF_-_3469904	3469904	3470074	-	6	171	TTG	TAA	0	0	
mORF_-_3470087	3470087	3470113	-	6	27	GTG	TAG	0	0	
mORF_-_3470117	3470117	3470278	-	6	162	TTG	TGA	0	0	
mORF_-_3470188	3470188	3470196	-	5	9	ATG	TGA	0	0	
mORF_-_3470291	3470291	3470356	-	6	66	GTG	TAA	0	0	
mORF_-_3470341	3470341	3470346	-	5	6	GTG	TGA	0	0	
mORF_-_3470372	3470372	3470467	-	6	96	GTG	TGA	0	0	
mORF_-_3470486	3470486	3470527	-	6	42	GTG	TGA	0	0	
mORF_-_3470537	3470537	3470689	-	6	153	TTG	TGA	0	0	
mORF_-_3470690	3470690	3470740	-	6	51	GTG	TAA	0	0	
mORF_-_3470765	3470765	3470788	-	6	24	GTG	TGA	0	0	
mORF_-_3470807	3470807	3470821	-	6	15	GTG	TGA	0	0	
mORF_-_3470854	3470854	3470886	-	5	33	ATG	TGA	0	0	
mORF_-_3470870	3470870	3470902	-	6	33	TTG	TGA	0	0	
mORF_-_3470978	3470978	3471076	-	6	99	TTG	TGA	0	0	
mORF_-_3471080	3471080	3471190	-	6	111	TTG	TGA	0	0	
mORF_-_3471136	3471136	3471159	-	5	24	ATG	TAA	0	0	
mORF_-_3471206	3471206	3471226	-	6	21	GTG	TAA	0	0	
mORF_-_3471239	3471239	3471415	-	6	177	GTG	TAG	0	0	
mORF_-_3471428	3471428	3471490	-	6	63	GTG	TAA	0	0	
mORF_-_3471556	3471556	3471567	-	5	12	TTG	TAA	0	0	
mORF_-_3471564	3471564	3472103	-	4	540	ATG	TGA	117	8207	pORF_-_3471564
mORF_-_3471569	3471569	3471865	-	6	297	TTG	TAA	0	0	
mORF_-_3471616	3471616	3471639	-	5	24	TTG	TAG	0	0	
mORF_-_3471787	3471787	3471798	-	5	12	TTG	TGA	0	0	
mORF_-_3471911	3471911	3472006	-	6	96	ATG	TAG	0	0	
mORF_-_3472022	3472022	3472084	-	6	63	TTG	TAA	0	0	
mORF_-_3472072	3472072	3472137	-	5	66	TTG	TAA	0	0	
mORF_-_3472150	3472150	3472161	-	5	12	ATG	TAA	0	0	
mORF_-_3472186	3472186	3472200	-	5	15	ATG	TAA	0	0	
mORF_-_3472200	3472200	3472634	-	4	435	TTG	TAA	52	3551	pORF_-_3472200
mORF_-_3472217	3472217	3472327	-	6	111	GTG	TGA	0	0	
mORF_-_3472337	3472337	3472372	-	6	36	GTG	TGA	0	0	
mORF_-_3472399	3472399	3472419	-	5	21	ATG	TAA	0	0	
mORF_-_3472403	3472403	3472540	-	6	138	GTG	TGA	0	0	
mORF_-_3472447	3472447	3472497	-	5	51	ATG	TAA	0	0	
mORF_-_3472574	3472574	3472630	-	6	57	GTG	TAA	0	0	
mORF_-_3472627	3472627	3472758	-	5	132	TTG	TGA	0	0	
mORF_-_3472674	3472674	3472703	-	4	30	GTG	TGA	0	0	
mORF_-_3472700	3472700	3472987	-	6	288	ATG	TGA	2	4	pORF_-_3472700
mORF_-_3472789	3472789	3472803	-	5	15	TTG	TGA	0	0	
mORF_-_3472816	3472816	3472875	-	5	60	TTG	TGA	0	0	
mORF_-_3472885	3472885	3472947	-	5	63	TTG	TAA	0	0	
mORF_-_3472954	3472954	3473130	-	5	177	GTG	TGA	0	0	
mORF_-_3472995	3472995	3473354	-	4	360	ATG	TGA	1	2	pORF_-_3472995
mORF_-_3473003	3473003	3473074	-	6	72	TTG	TGA	0	0	
mORF_-_3473090	3473090	3473230	-	6	141	ATG	TAG	0	0	
mORF_-_3473257	3473257	3473376	-	5	120	GTG	TGA	0	0	
mORF_-_3473261	3473261	3473287	-	6	27	ATG	TAA	0	0	
mORF_-_3473288	3473288	3473344	-	6	57	TTG	TAG	0	0	
mORF_-_3473354	3473354	3473740	-	6	387	ATG	TGA	1	2	pORF_-_3473354
mORF_-_3473380	3473380	3473406	-	5	27	TTG	TGA	0	0	
mORF_-_3473413	3473413	3473487	-	5	75	GTG	TAA	0	0	
mORF_-_3473515	3473515	3473538	-	5	24	ATG	TGA	0	0	
mORF_-_3473539	3473539	3473577	-	5	39	GTG	TGA	0	0	

mORF_-_3473638	3473638	3473652	-	5	15	ATG	TAA	0	0	
mORF_-_3473659	3473659	3473685	-	5	27	GTG	TGA	0	0	
mORF_-_3473685	3473685	3473765	-	4	81	GTG	TAG	0	0	
mORF_-_3473719	3473719	3473733	-	5	15	TTG	TGA	0	0	
mORF_-_3473740	3473740	3474474	-	5	735	GTG	TAA	18	77	pORF_-_3473740
mORF_-_3473814	3473814	3473843	-	4	30	ATG	TGA	0	0	
mORF_-_3473877	3473877	3473927	-	4	51	ATG	TGA	0	0	
mORF_-_3473928	3473928	3474029	-	4	102	TTG	TGA	0	0	
mORF_-_3474036	3474036	3474062	-	4	27	TTG	TGA	0	0	
mORF_-_3474059	3474059	3474079	-	6	21	GTG	TGA	0	0	
mORF_-_3474066	3474066	3474089	-	4	24	TTG	TGA	0	0	
mORF_-_3474090	3474090	3474095	-	4	6	GTG	TAA	0	0	
mORF_-_3474107	3474107	3474169	-	6	63	ATG	TAA	0	0	
mORF_-_3474195	3474195	3474272	-	4	78	TTG	TGA	0	0	
mORF_-_3474266	3474266	3474289	-	6	24	ATG	TAA	0	0	
mORF_-_3474291	3474291	3474335	-	4	45	TTG	TAA	0	0	
mORF_-_3474375	3474375	3474431	-	4	57	GTG	TGA	0	0	
mORF_-_3474503	3474503	3474517	-	6	15	ATG	TGA	0	0	
mORF_-_3474533	3474533	3474568	-	6	36	GTG	TAG	0	0	
mORF_-_3474622	3474622	3474678	-	5	57	ATG	TAA	0	0	
mORF_-_3474629	3474629	3475441	-	6	813	ATG	TAA	78	1410	pORF_-_3474629
mORF_-_3474697	3474697	3474702	-	5	6	ATG	TGA	0	0	
mORF_-_3474712	3474712	3474756	-	5	45	GTG	TAG	0	0	
mORF_-_3474801	3474801	3474839	-	4	39	TTG	TAA	0	0	
mORF_-_3474823	3474823	3474882	-	5	60	GTG	TGA	0	0	
mORF_-_3474937	3474937	3474942	-	5	6	TTG	TAG	0	0	
mORF_-_3475018	3475018	3475038	-	5	21	TTG	TGA	0	0	
mORF_-_3475114	3475114	3475197	-	5	84	GTG	TGA	0	0	
mORF_-_3475249	3475249	3475395	-	5	147	TTG	TAA	0	0	
mORF_-_3475425	3475425	3475469	-	4	45	GTG	TAA	0	0	
mORF_-_3475438	3475438	3475464	-	5	27	ATG	TGA	0	0	
mORF_-_3475487	3475487	3475534	-	6	48	GTG	TGA	0	0	
mORF_-_3475498	3475498	3475518	-	5	21	TTG	TAG	0	0	
mORF_-_3475521	3475521	3475547	-	4	27	ATG	TAG	0	0	
mORF_-_3475569	3475569	3475649	-	4	81	TTG	TAA	0	0	
mORF_-_3475619	3475619	3475663	-	6	45	ATG	TAA	0	0	
mORF_-_3475660	3475660	3475686	-	5	27	GTG	TGA	0	0	
mORF_-_3475674	3475674	3475793	-	4	120	ATG	TGA	0	0	
mORF_-_3475718	3475718	3475750	-	6	33	GTG	TGA	0	0	
mORF_-_3475747	3475747	3475872	-	5	126	GTG	TGA	0	0	
mORF_-_3475790	3475790	3475840	-	6	51	ATG	TGA	0	0	
mORF_-_3475815	3475815	3475874	-	4	60	ATG	TAA	0	0	
mORF_-_3475874	3475874	3476119	-	6	246	TTG	TAA	1	31	pORF_-_3475874
mORF_-_3475915	3475915	3475944	-	5	30	TTG	TGA	0	0	
mORF_-_3475929	3475929	3476519	-	4	591	ATG	TAA	21	1231	pORF_-_3475929
mORF_-_3475987	3475987	3476022	-	5	36	TTG	TGA	0	0	
mORF_-_3476129	3476129	3476200	-	6	72	TTG	TGA	0	0	
mORF_-_3476243	3476243	3476365	-	6	123	ATG	TAG	0	0	
mORF_-_3476396	3476396	3476434	-	6	39	GTG	TGA	0	0	
mORF_-_3476435	3476435	3476461	-	6	27	GTG	TGA	0	0	
mORF_-_3476449	3476449	3476586	-	5	138	GTG	TGA	0	0	
mORF_-_3476586	3476586	3476609	-	4	24	ATG	TAG	0	0	
mORF_-_3476614	3476614	3476814	-	5	201	ATG	TAG	0	0	
mORF_-_3476637	3476637	3476792	-	4	156	TTG	TGA	0	0	
mORF_-_3476645	3476645	3476704	-	6	60	GTG	TGA	0	0	
mORF_-_3476705	3476705	3476713	-	6	9	ATG	TAA	0	0	
mORF_-_3476729	3476729	3476779	-	6	51	ATG	TAA	0	0	
mORF_-_3476817	3476817	3477029	-	4	213	TTG	TAA	0	0	
mORF_-_3476824	3476824	3478629	-	5	1806	ATG	TAG	0	0	
mORF_-_3477057	3477057	3477080	-	4	24	GTG	TAG	0	0	
mORF_-_3477093	3477093	3477146	-	4	54	TTG	TGA	0	0	
mORF_-_3477113	3477113	3477178	-	6	66	ATG	TGA	0	0	
mORF_-_3477192	3477192	3477248	-	4	57	GTG	TGA	0	0	

mORF_-_3477372	3477372	3477386	-	4	15	TTG	TGA	0	0
mORF_-_3477387	3477387	3477437	-	4	51	ATG	TGA	0	0
mORF_-_3477434	3477434	3477448	-	6	15	GTG	TGA	0	0
mORF_-_3477476	3477476	3477496	-	6	21	ATG	TAA	0	0
mORF_-_3477549	3477549	3477632	-	4	84	GTG	TGA	0	0
mORF_-_3477639	3477639	3477683	-	4	45	ATG	TGA	0	0
mORF_-_3477671	3477671	3477754	-	6	84	GTG	TAG	0	0
mORF_-_3477717	3477717	3477734	-	4	18	TTG	TGA	0	0
mORF_-_3477747	3477747	3478046	-	4	300	TTG	TAG	0	0
mORF_-_3478047	3478047	3478061	-	4	15	TTG	TGA	0	0
mORF_-_3478209	3478209	3478223	-	4	15	GTG	TGA	0	0
mORF_-_3478220	3478220	3478390	-	6	171	TTG	TGA	0	0
mORF_-_3478227	3478227	3478274	-	4	48	GTG	TGA	0	0
mORF_-_3478359	3478359	3478367	-	4	9	TTG	TAG	0	0
mORF_-_3478404	3478404	3478412	-	4	9	TTG	TGA	0	0
mORF_-_3478428	3478428	3478544	-	4	117	TTG	TGA	0	0
mORF_-_3478478	3478478	3478669	-	6	192	GTG	TAG	0	0
mORF_-_3478629	3478629	3479183	-	4	555	ATG	TGA	0	0
mORF_-_3478666	3478666	3478758	-	5	93	GTG	TGA	0	0
mORF_-_3478739	3478739	3478792	-	6	54	ATG	TAA	0	0
mORF_-_3478811	3478811	3478834	-	6	24	GTG	TGA	0	0
mORF_-_3478856	3478856	3478915	-	6	60	GTG	TGA	0	0
mORF_-_3478861	3478861	3478938	-	5	78	GTG	TAG	0	0
mORF_-_3478943	3478943	3478990	-	6	48	TTG	TGA	0	0
mORF_-_3478991	3478991	3479149	-	6	159	ATG	TGA	0	0
mORF_-_3479101	3479101	3479307	-	5	207	GTG	TAA	0	0
mORF_-_3479226	3479226	3479258	-	4	33	ATG	TAG	0	0
mORF_-_3479262	3479262	3479273	-	4	12	ATG	TAA	0	0
mORF_-_3479283	3479283	3479384	-	4	102	TTG	TAA	0	0
mORF_-_3479329	3479329	3479505	-	5	177	TTG	TAA	0	0
mORF_-_3479432	3479432	3479446	-	6	15	ATG	TAG	0	0
mORF_-_3479481	3479481	3479486	-	4	6	GTG	TAG	0	0
mORF_-_3479520	3479520	3479564	-	4	45	ATG	TGA	0	0
mORF_-_3479536	3479536	3479589	-	5	54	TTG	TAA	0	0
mORF_-_3479586	3479586	3479648	-	4	63	ATG	TGA	0	0
mORF_-_3479602	3479602	3479736	-	5	135	TTG	TAG	0	0
mORF_-_3479649	3479649	3479729	-	4	81	TTG	TGA	0	0
mORF_-_3479666	3479666	3479677	-	6	12	ATG	TAG	0	0
mORF_-_3479812	3479812	3480090	-	5	279	TTG	TGA	0	0
mORF_-_3479895	3479895	3479903	-	4	9	GTG	TGA	0	0
mORF_-_3479961	3479961	3479999	-	4	39	TTG	TGA	0	0
mORF_-_3480000	3480000	3480029	-	4	30	GTG	TAG	0	0
mORF_-_3480093	3480093	3480197	-	4	105	TTG	TAA	0	0
mORF_-_3480172	3480172	3480189	-	5	18	GTG	TAG	0	0
mORF_-_3480209	3480209	3480238	-	6	30	TTG	TAA	0	0
mORF_-_3480273	3480273	3480437	-	4	165	TTG	TAG	0	0
mORF_-_3480302	3480302	3480370	-	6	69	ATG	TAA	0	0
mORF_-_3480382	3480382	3480462	-	5	81	TTG	TAA	0	0
mORF_-_3480434	3480434	3480490	-	6	57	GTG	TGA	0	0
mORF_-_3480487	3480487	3480501	-	5	15	ATG	TGA	0	0
mORF_-_3480491	3480491	3480637	-	6	147	ATG	TAG	0	0
mORF_-_3480511	3480511	3480534	-	5	24	TTG	TAA	0	0
mORF_-_3480546	3480546	3480704	-	4	159	ATG	TAG	0	0
mORF_-_3480637	3480637	3480690	-	5	54	GTG	TAA	0	0
mORF_-_3480683	3480683	3480715	-	6	33	GTG	TAG	0	0
mORF_-_3480708	3480708	3480719	-	4	12	GTG	TGA	0	0
mORF_-_3480716	3480716	3481300	-	6	585	TTG	TGA	0	0
mORF_-_3480727	3480727	3481215	-	5	489	TTG	TAA	0	0
mORF_-_3480771	3480771	3480791	-	4	21	GTG	TGA	0	0
mORF_-_3480945	3480945	3481595	-	4	651	ATG	TGA	0	0
mORF_-_3481304	3481304	3481318	-	6	15	ATG	TGA	0	0
mORF_-_3481340	3481340	3481354	-	6	15	GTG	TGA	0	0
mORF_-_3481351	3481351	3481425	-	5	75	GTG	TGA	0	0

mORF_-_3481457	3481457	3481480	-	6	24	TTG	TGA	0	0	
mORF_-_3481477	3481477	3481716	-	5	240	TTG	TGA	0	0	
mORF_-_3481487	3481487	3481588	-	6	102	ATG	TAA	0	0	
mORF_-_3481626	3481626	3481793	-	4	168	ATG	TAA	0	0	
mORF_-_3481676	3481676	3481726	-	6	51	TTG	TAG	0	0	
mORF_-_3481826	3481826	3481864	-	6	39	TTG	TAA	0	0	
mORF_-_3481874	3481874	3481951	-	6	78	GTG	TAG	0	0	
mORF_-_3481908	3481908	3482147	-	4	240	ATG	TAA	0	0	
mORF_-_3481994	3481994	3482032	-	6	39	TTG	TGA	0	0	
mORF_-_3482048	3482048	3482056	-	6	9	TTG	TGA	0	0	
mORF_-_3482155	3482155	3482316	-	5	162	GTG	TAA	0	0	
mORF_-_3482169	3482169	3482183	-	4	15	TTG	TAA	0	0	
mORF_-_3482174	3482174	3482257	-	6	84	TTG	TGA	0	0	
mORF_-_3482238	3482238	3482342	-	4	105	GTG	TGA	0	0	
mORF_-_3482303	3482303	3482332	-	6	30	ATG	TAA	0	0	
mORF_-_3482320	3482320	3482427	-	5	108	TTG	TAA	0	0	
mORF_-_3482375	3482375	3482416	-	6	42	GTG	TAG	0	0	
mORF_-_3482430	3482430	3482465	-	4	36	TTG	TAA	0	0	
mORF_-_3482494	3482494	3482526	-	5	33	ATG	TAG	0	0	
mORF_-_3482499	3482499	3482573	-	4	75	GTG	TGA	0	0	
mORF_-_3482605	3482605	3482865	-	5	261	TTG	TAA	0	0	
mORF_-_3482649	3482649	3482684	-	4	36	TTG	TAA	0	0	
mORF_-_3482712	3482712	3482762	-	4	51	ATG	TAG	0	0	
mORF_-_3482759	3482759	3482851	-	6	93	ATG	TGA	0	0	
mORF_-_3482772	3482772	3482798	-	4	27	TTG	TGA	0	0	
mORF_-_3482835	3482835	3482882	-	4	48	GTG	TGA	0	0	
mORF_-_3482895	3482895	3482924	-	4	30	GTG	TAA	0	0	
mORF_-_3482905	3482905	3482949	-	5	45	ATG	TAA	0	0	
mORF_-_3482921	3482921	3482929	-	6	9	GTG	TGA	0	0	
mORF_-_3482956	3482956	3483033	-	5	78	GTG	TAA	0	0	
mORF_-_3482981	3482981	3483070	-	6	90	TTG	TAA	0	0	
mORF_-_3482997	3482997	3483017	-	4	21	GTG	TGA	0	0	
mORF_-_3483067	3483067	3483117	-	5	51	ATG	TGA	0	0	
mORF_-_3483078	3483078	3483086	-	4	9	TTG	TAG	0	0	
mORF_-_3483087	3483087	3483308	-	4	222	TTG	TAG	0	0	
mORF_-_3483092	3483092	3483097	-	6	6	GTG	TGA	0	0	
mORF_-_3483119	3483119	3483268	-	6	150	ATG	TAA	0	0	
mORF_-_3483151	3483151	3483261	-	5	111	TTG	TGA	0	0	
mORF_-_3483265	3483265	3483279	-	5	15	GTG	TGA	0	0	
mORF_-_3483281	3483281	3483322	-	6	42	TTG	TGA	0	0	
mORF_-_3483328	3483328	3483420	-	5	93	GTG	TAA	0	0	
mORF_-_3483417	3483417	3483455	-	4	39	ATG	TGA	0	0	
mORF_-_3483431	3483431	3483439	-	6	9	GTG	TAA	0	0	
mORF_-_3483436	3483436	3483840	-	5	405	ATG	TGA	7	45	pORF_-_3483436
mORF_-_3483452	3483452	3483505	-	6	54	TTG	TGA	0	0	
mORF_-_3483489	3483489	3483539	-	4	51	TTG	TGA	0	0	
mORF_-_3483636	3483636	3483707	-	4	72	GTG	TAA	0	0	
mORF_-_3483641	3483641	3483703	-	6	63	TTG	TGA	0	0	
mORF_-_3483746	3483746	3483946	-	6	201	GTG	TAA	0	0	
mORF_-_3483846	3483846	3483854	-	4	9	GTG	TAG	0	0	
mORF_-_3483859	3483859	3483948	-	5	90	TTG	TGA	0	0	
mORF_-_3483957	3483957	3484013	-	4	57	TTG	TAG	0	0	
mORF_-_3483979	3483979	3484023	-	5	45	GTG	TAG	0	0	
mORF_-_3484020	3484020	3484217	-	4	198	ATG	TGA	0	0	
mORF_-_3484025	3484025	3484519	-	6	495	TTG	TAA	0	0	
mORF_-_3484120	3484120	3484155	-	5	36	TTG	TAA	0	0	
mORF_-_3484192	3484192	3484203	-	5	12	ATG	TGA	0	0	
mORF_-_3484204	3484204	3484227	-	5	24	GTG	TGA	0	0	
mORF_-_3484264	3484264	3484299	-	5	36	TTG	TAG	0	0	
mORF_-_3484339	3484339	3484443	-	5	105	TTG	TGA	0	0	
mORF_-_3484350	3484350	3484499	-	4	150	GTG	TAA	0	0	
mORF_-_3484462	3484462	3484572	-	5	111	ATG	TGA	0	0	
mORF_-_3484521	3484521	3484598	-	4	78	TTG	TGA	0	0	

mORF_-_3484526	3484526	3484741	-	6	216	GTG	TGA	0	0	
mORF_-_3484618	3484618	3484641	-	5	24	TTG	TGA	0	0	
mORF_-_3484644	3484644	3484811	-	4	168	ATG	TAA	0	0	
mORF_-_3484663	3484663	3484701	-	5	39	ATG	TGA	0	0	
mORF_-_3484720	3484720	3484752	-	5	33	ATG	TGA	0	0	
mORF_-_3484759	3484759	3484767	-	5	9	GTG	TAA	0	0	
mORF_-_3484771	3484771	3484875	-	5	105	TTG	TAA	0	0	
mORF_-_3484845	3484845	3484859	-	4	15	TTG	TGA	0	0	
mORF_-_3484856	3484856	3484867	-	6	12	GTG	TGA	0	0	
mORF_-_3484860	3484860	3484967	-	4	108	TTG	TAG	0	0	
mORF_-_3484924	3484924	3484992	-	5	69	ATG	TAA	0	0	
mORF_-_3484989	3484989	3485234	-	4	246	ATG	TGA	0	0	
mORF_-_3485015	3485015	3485071	-	6	57	TTG	TGA	0	0	
mORF_-_3485104	3485104	3485301	-	5	198	TTG	TAA	0	0	
mORF_-_3485123	3485123	3485167	-	6	45	ATG	TGA	0	0	
mORF_-_3485235	3485235	3485249	-	4	15	GTG	TAG	0	0	
mORF_-_3485267	3485267	3485317	-	6	51	GTG	TAA	0	0	
mORF_-_3485317	3485317	3485427	-	5	111	TTG	TAG	0	0	
mORF_-_3485346	3485346	3485384	-	4	39	GTG	TAA	0	0	
mORF_-_3485440	3485440	3485484	-	5	45	TTG	TAG	0	0	
mORF_-_3485496	3485496	3485501	-	4	6	TTG	TAG	0	0	
mORF_-_3485536	3485536	3485817	-	5	282	TTG	TAA	0	0	
mORF_-_3485565	3485565	3485672	-	4	108	ATG	TGA	0	0	
mORF_-_3485615	3485615	3485692	-	6	78	TTG	TAA	0	0	
mORF_-_3485699	3485699	3485725	-	6	27	GTG	TAA	0	0	
mORF_-_3485775	3485775	3485813	-	4	39	GTG	TAG	0	0	
mORF_-_3485786	3485786	3485899	-	6	114	GTG	TGA	0	0	
mORF_-_3485889	3485889	3485969	-	4	81	GTG	TAA	0	0	
mORF_-_3485933	3485933	3486043	-	6	111	TTG	TGA	0	0	
mORF_-_3485944	3485944	3486027	-	5	84	TTG	TAA	0	0	
mORF_-_3486033	3486033	3486095	-	4	63	ATG	TAG	0	0	
mORF_-_3486088	3486088	3486243	-	5	156	TTG	TAA	0	0	
mORF_-_3486132	3486132	3486161	-	4	30	GTG	TAA	0	0	
mORF_-_3486171	3486171	3486188	-	4	18	TTG	TAG	0	0	
mORF_-_3486192	3486192	3486296	-	4	105	ATG	TAG	0	0	
mORF_-_3486244	3486244	3486267	-	5	24	TTG	TAG	0	0	
mORF_-_3486358	3486358	3486378	-	5	21	ATG	TAA	0	0	
mORF_-_3486385	3486385	3486480	-	5	96	ATG	TAA	0	0	
mORF_-_3486437	3486437	3486499	-	6	63	ATG	TAG	0	0	
mORF_-_3486471	3486471	3486485	-	4	15	GTG	TGA	0	0	
mORF_-_3486496	3486496	3486651	-	5	156	TTG	TGA	0	0	
mORF_-_3486537	3486537	3486680	-	4	144	ATG	TAA	0	0	
mORF_-_3486593	3486593	3486649	-	6	57	GTG	TAA	0	0	
mORF_-_3486658	3486658	3486798	-	5	141	ATG	TAA	0	0	
mORF_-_3486690	3486690	3486743	-	4	54	ATG	TGA	0	0	
mORF_-_3486799	3486799	3486873	-	5	75	GTG	TAA	0	0	
mORF_-_3486809	3486809	3486946	-	6	138	GTG	TAA	0	0	
mORF_-_3486816	3486816	3486839	-	4	24	ATG	TGA	0	0	
mORF_-_3486870	3486870	3487070	-	4	201	TTG	TGA	0	0	
mORF_-_3486922	3486922	3486942	-	5	21	ATG	TAG	0	0	
mORF_-_3486943	3486943	3486960	-	5	18	ATG	TGA	0	0	
mORF_-_3486982	3486982	3488202	-	5	1221	ATG	TAA	58	1276	pORF_-_3486982
mORF_-_3487077	3487077	3487094	-	4	18	ATG	TGA	0	0	
mORF_-_3487104	3487104	3487139	-	4	36	GTG	TAA	0	0	
mORF_-_3487164	3487164	3487178	-	4	15	TTG	TGA	0	0	
mORF_-_3487179	3487179	3487307	-	4	129	TTG	TGA	0	0	
mORF_-_3487320	3487320	3487388	-	4	69	TTG	TAG	0	0	
mORF_-_3487412	3487412	3487516	-	6	105	GTG	TAG	0	0	
mORF_-_3487449	3487449	3487529	-	4	81	TTG	TGA	0	0	
mORF_-_3487526	3487526	3487558	-	6	33	GTG	TGA	0	0	
mORF_-_3487599	3487599	3487652	-	4	54	ATG	TGA	0	0	
mORF_-_3487665	3487665	3487832	-	4	168	GTG	TGA	0	0	
mORF_-_3487887	3487887	3487922	-	4	36	TTG	TGA	0	0	

mORF_-_3487923	3487923	3487955	-	4	33	ATG	TGA	0	0	
mORF_-_3487967	3487967	3488029	-	6	63	TTG	TAA	0	0	
mORF_-_3488010	3488010	3488072	-	4	63	ATG	TGA	0	0	
mORF_-_3488115	3488115	3488141	-	4	27	ATG	TAA	0	0	
mORF_-_3488154	3488154	3488270	-	4	117	GTG	TGA	0	0	
mORF_-_3488218	3488218	3488280	-	5	63	TTG	TAA	0	0	
mORF_-_3488240	3488240	3488260	-	6	21	ATG	TAA	0	0	
mORF_-_3488281	3488281	3488361	-	5	81	GTG	TGA	0	0	
mORF_-_3488288	3488288	3488851	-	6	564	ATG	TGA	1	2	pORF_-_3488288
mORF_-_3488331	3488331	3488375	-	4	45	GTG	TAG	0	0	
mORF_-_3488422	3488422	3488430	-	5	9	TTG	TGA	0	0	
mORF_-_3488427	3488427	3488435	-	4	9	GTG	TGA	0	0	
mORF_-_3488479	3488479	3488712	-	5	234	TTG	TGA	0	0	
mORF_-_3488749	3488749	3488793	-	5	45	GTG	TGA	0	0	
mORF_-_3488790	3488790	3488795	-	4	6	TTG	TGA	0	0	
mORF_-_3488832	3488832	3488867	-	4	36	TTG	TAA	0	0	
mORF_-_3488883	3488883	3489485	-	4	603	ATG	TAA	4	12	pORF_-_3488883
mORF_-_3488924	3488924	3488959	-	6	36	GTG	TGA	0	0	
mORF_-_3489005	3489005	3489148	-	6	144	TTG	TGA	0	0	
mORF_-_3489097	3489097	3489102	-	5	6	TTG	TGA	0	0	
mORF_-_3489179	3489179	3489358	-	6	180	GTG	TGA	0	0	
mORF_-_3489413	3489413	3489436	-	6	24	TTG	TGA	0	0	
mORF_-_3489475	3489475	3489642	-	5	168	GTG	TAA	2	23	pORF_-_3489475
mORF_-_3489495	3489495	3489506	-	4	12	TTG	TGA	0	0	
mORF_-_3489540	3489540	3489563	-	4	24	TTG	TAG	0	0	
mORF_-_3489623	3489623	3489676	-	6	54	TTG	TAA	1	3	pORF_-_3489623
mORF_-_3489639	3489639	3489725	-	4	87	TTG	TGA	0	0	
mORF_-_3489697	3489697	3489747	-	5	51	ATG	TAA	0	0	
mORF_-_3489747	3489747	3490319	-	4	573	ATG	TAA	37	322	pORF_-_3489747
mORF_-_3489776	3489776	3489847	-	6	72	TTG	TAG	0	0	
mORF_-_3489860	3489860	3490024	-	6	165	ATG	TGA	0	0	
mORF_-_3490139	3490139	3490153	-	6	15	TTG	TGA	0	0	
mORF_-_3490204	3490204	3490335	-	5	132	TTG	TAA	0	0	
mORF_-_3490329	3490329	3490355	-	4	27	TTG	TAA	0	0	
mORF_-_3490367	3490367	3490393	-	6	27	ATG	TAG	0	0	
mORF_-_3490398	3490398	3490442	-	4	45	GTG	TAA	0	0	
mORF_-_3490408	3490408	3490506	-	5	99	ATG	TAA	0	0	
mORF_-_3490446	3490446	3490466	-	4	21	GTG	TAA	0	0	
mORF_-_3490463	3490463	3490618	-	6	156	GTG	TGA	0	0	
mORF_-_3490516	3490516	3490527	-	5	12	GTG	TGA	0	0	
mORF_-_3490524	3490524	3490550	-	4	27	ATG	TGA	0	0	
mORF_-_3490557	3490557	3490565	-	4	9	ATG	TAG	0	0	
mORF_-_3490567	3490567	3490587	-	5	21	TTG	TAA	0	0	
mORF_-_3490615	3490615	3490620	-	5	6	ATG	TGA	0	0	
mORF_-_3490624	3490624	3490644	-	5	21	GTG	TAA	0	0	
mORF_-_3490637	3490637	3490669	-	6	33	GTG	TAG	0	0	
mORF_-_3490697	3490697	3490930	-	6	234	ATG	TAA	0	0	
mORF_-_3490815	3490815	3490958	-	4	144	TTG	TAA	0	0	
mORF_-_3490924	3490924	3490956	-	5	33	GTG	TGA	0	0	
mORF_-_3490973	3490973	3491068	-	6	96	ATG	TGA	0	0	
mORF_-_3491011	3491011	3491037	-	5	27	TTG	TGA	0	0	
mORF_-_3491052	3491052	3491162	-	4	111	ATG	TAG	0	0	
mORF_-_3491084	3491084	3491158	-	6	75	TTG	TAA	0	0	
mORF_-_3491119	3491119	3491169	-	5	51	TTG	TAA	0	0	
mORF_-_3491240	3491240	3491245	-	6	6	ATG	TAG	0	0	
mORF_-_3491252	3491252	3491458	-	6	207	GTG	TGA	0	0	
mORF_-_3491263	3491263	3491349	-	5	87	ATG	TAA	0	0	
mORF_-_3491346	3491346	3491474	-	4	129	ATG	TGA	0	0	
mORF_-_3491452	3491452	3491487	-	5	36	TTG	TAA	0	0	
mORF_-_3491519	3491519	3491605	-	6	87	ATG	TAG	0	0	
mORF_-_3491533	3491533	3491571	-	5	39	TTG	TGA	0	0	
mORF_-_3491544	3491544	3491651	-	4	108	ATG	TGA	0	0	
mORF_-_3491629	3491629	3491670	-	5	42	GTG	TAA	0	0	

mORF_-_3491674	3491674	3491682	-	5	9	TTG	TAA	0	0	
mORF_-_3491721	3491721	3491834	-	4	114	ATG	TAA	0	0	
mORF_-_3491744	3491744	3491755	-	6	12	GTG	TGA	0	0	
mORF_-_3491768	3491768	3491791	-	6	24	GTG	TAA	0	0	
mORF_-_3491791	3491791	3491880	-	5	90	ATG	TAG	0	0	
mORF_-_3491825	3491825	3491938	-	6	114	ATG	TAG	0	0	
mORF_-_3491862	3491862	3491894	-	4	33	TTG	TAG	0	0	
mORF_-_3491904	3491904	3492311	-	4	408	GTG	TAA	0	0	
mORF_-_3491966	3491966	3492157	-	6	192	ATG	TAA	0	0	
mORF_-_3491995	3491995	3492030	-	5	36	TTG	TAA	0	0	
mORF_-_3492043	3492043	3492054	-	5	12	TTG	TGA	0	0	
mORF_-_3492194	3492194	3492202	-	6	9	GTG	TGA	0	0	
mORF_-_3492236	3492236	3492289	-	6	54	TTG	TAG	0	0	
mORF_-_3492335	3492335	3492352	-	6	18	ATG	TAA	0	0	
mORF_-_3492349	3492349	3492384	-	5	36	TTG	TGA	0	0	
mORF_-_3492365	3492365	3492388	-	6	24	TTG	TAG	0	0	
mORF_-_3492416	3492416	3492469	-	6	54	TTG	TAG	0	0	
mORF_-_3492531	3492531	3494048	-	4	1518	GTG	TAA	0	0	
mORF_-_3492590	3492590	3492619	-	6	30	TTG	TGA	0	0	
mORF_-_3492644	3492644	3492826	-	6	183	ATG	TGA	0	0	
mORF_-_3492751	3492751	3492783	-	5	33	TTG	TAG	0	0	
mORF_-_3492826	3492826	3492915	-	5	90	GTG	TAA	0	0	
mORF_-_3492860	3492860	3492892	-	6	33	TTG	TAG	0	0	
mORF_-_3492920	3492920	3493051	-	6	132	GTG	TAG	0	0	
mORF_-_3492988	3492988	3493062	-	5	75	GTG	TAA	0	0	
mORF_-_3493097	3493097	3493129	-	6	33	TTG	TAG	0	0	
mORF_-_3493169	3493169	3493432	-	6	264	GTG	TAG	0	0	
mORF_-_3493201	3493201	3493245	-	5	45	GTG	TAG	0	0	
mORF_-_3493433	3493433	3493483	-	6	51	TTG	TGA	0	0	
mORF_-_3493511	3493511	3493582	-	6	72	TTG	TGA	0	0	
mORF_-_3493546	3493546	3493611	-	5	66	TTG	TAA	0	0	
mORF_-_3493586	3493586	3493723	-	6	138	GTG	TAG	0	0	
mORF_-_3493724	3493724	3493762	-	6	39	GTG	TAG	0	0	
mORF_-_3493811	3493811	3493825	-	6	15	GTG	TAG	0	0	
mORF_-_3493822	3493822	3493935	-	5	114	GTG	TGA	0	0	
mORF_-_3493922	3493922	3493966	-	6	45	GTG	TAG	0	0	
mORF_-_3494024	3494024	3494050	-	6	27	TTG	TAG	0	0	
mORF_-_3494088	3494088	3494180	-	4	93	ATG	TGA	0	0	
mORF_-_3494096	3494096	3494167	-	6	72	ATG	TGA	0	0	
mORF_-_3494177	3494177	3494242	-	6	66	ATG	TGA	0	0	
mORF_-_3494239	3494239	3494286	-	5	48	GTG	TGA	0	0	
mORF_-_3494249	3494249	3494314	-	6	66	ATG	TAG	0	0	
mORF_-_3494292	3494292	3494519	-	4	228	GTG	TAA	0	0	
mORF_-_3494318	3494318	3494569	-	6	252	TTG	TAA	0	0	
mORF_-_3494335	3494335	3494364	-	5	30	GTG	TGA	0	0	
mORF_-_3494464	3494464	3494610	-	5	147	ATG	TGA	0	0	
mORF_-_3494639	3494639	3494677	-	6	39	GTG	TAA	0	0	
mORF_-_3494683	3494683	3494850	-	5	168	TTG	TGA	0	0	
mORF_-_3494697	3494697	3494738	-	4	42	GTG	TGA	0	0	
mORF_-_3494735	3494735	3494758	-	6	24	GTG	TGA	0	0	
mORF_-_3494807	3494807	3494854	-	6	48	ATG	TAA	0	0	
mORF_-_3494896	3494896	3494937	-	5	42	ATG	TAA	0	0	
mORF_-_3494904	3494904	3494972	-	4	69	ATG	TAA	0	0	
mORF_-_3495010	3495010	3495024	-	5	15	TTG	TAA	0	0	
mORF_-_3495021	3495021	3495386	-	4	366	ATG	TGA	1	2	pORF_-_3495021
mORF_-_3495056	3495056	3495088	-	6	33	TTG	TAG	0	0	
mORF_-_3495161	3495161	3495187	-	6	27	ATG	TGA	0	0	
mORF_-_3495229	3495229	3495696	-	5	468	ATG	TAA	0	0	
mORF_-_3495311	3495311	3495334	-	6	24	TTG	TGA	0	0	
mORF_-_3495390	3495390	3495434	-	4	45	ATG	TAG	0	0	
mORF_-_3495438	3495438	3495545	-	4	108	GTG	TGA	0	0	
mORF_-_3495455	3495455	3495475	-	6	21	TTG	TAG	0	0	
mORF_-_3495488	3495488	3495526	-	6	39	TTG	TGA	0	0	

mORF_-_3495569	3495569	3495592	-	6	24	ATG	TAG	0	0
mORF_-_3495606	3495606	3495659	-	4	54	TTG	TAG	0	0
mORF_-_3495672	3495672	3495677	-	4	6	GTG	TAG	0	0
mORF_-_3495693	3495693	3495746	-	4	54	ATG	TGA	0	0
mORF_-_3495730	3495730	3495810	-	5	81	TTG	TGA	0	0
mORF_-_3495756	3495756	3495800	-	4	45	TTG	TAA	0	0
mORF_-_3495835	3495835	3495876	-	5	42	TTG	TAG	0	0
mORF_-_3495855	3495855	3496433	-	4	579	TTG	TGA	0	0
mORF_-_3495863	3495863	3495976	-	6	114	ATG	TAG	0	0
mORF_-_3495983	3495983	3495991	-	6	9	GTG	TAA	0	0
mORF_-_3495995	3495995	3496042	-	6	48	ATG	TGA	0	0
mORF_-_3496196	3496196	3496210	-	6	15	GTG	TAA	0	0
mORF_-_3496214	3496214	3496285	-	6	72	GTG	TGA	0	0
mORF_-_3496294	3496294	3496329	-	5	36	TTG	TAA	0	0
mORF_-_3496330	3496330	3496350	-	5	21	TTG	TAA	0	0
mORF_-_3496400	3496400	3496429	-	6	30	TTG	TAA	0	0
mORF_-_3496437	3496437	3496475	-	4	39	TTG	TGA	0	0
mORF_-_3496468	3496468	3496887	-	5	420	ATG	TAA	0	0
mORF_-_3496472	3496472	3496546	-	6	75	GTG	TGA	0	0
mORF_-_3496587	3496587	3496805	-	4	219	TTG	TAG	0	0
mORF_-_3496763	3496763	3496798	-	6	36	GTG	TAA	0	0
mORF_-_3496838	3496838	3496879	-	6	42	GTG	TAA	0	0
mORF_-_3496863	3496863	3496883	-	4	21	GTG	TAG	0	0
mORF_-_3496912	3496912	3496926	-	5	15	GTG	TAA	0	0
mORF_-_3496927	3496927	3497145	-	5	219	TTG	TAA	0	0
mORF_-_3497015	3497015	3497068	-	6	54	TTG	TAG	0	0
mORF_-_3497019	3497019	3497216	-	4	198	TTG	TGA	0	0
mORF_-_3497117	3497117	3497158	-	6	42	ATG	TGA	0	0
mORF_-_3497161	3497161	3497220	-	5	60	ATG	TAG	0	0
mORF_-_3497267	3497267	3497290	-	6	24	ATG	TAA	0	0
mORF_-_3497314	3497314	3497331	-	5	18	GTG	TAG	0	0
mORF_-_3497344	3497344	3497349	-	5	6	TTG	TAA	0	0
mORF_-_3497352	3497352	3497360	-	4	9	ATG	TAA	0	0
mORF_-_3497357	3497357	3497377	-	6	21	TTG	TGA	0	0
mORF_-_3497365	3497365	3497424	-	5	60	ATG	TGA	0	0
mORF_-_3497421	3497421	3497432	-	4	12	TTG	TGA	0	0
mORF_-_3497429	3497429	3497458	-	6	30	ATG	TGA	0	0
mORF_-_3497439	3497439	3497477	-	4	39	TTG	TAA	0	0
mORF_-_3497483	3497483	3497494	-	6	12	GTG	TAA	0	0
mORF_-_3497513	3497513	3497590	-	6	78	TTG	TAG	0	0
mORF_-_3497518	3497518	3497583	-	5	66	GTG	TAA	0	0
mORF_-_3497571	3497571	3497609	-	4	39	ATG	TAG	0	0
mORF_-_3497624	3497624	3497662	-	6	39	GTG	TAG	0	0
mORF_-_3497712	3497712	3497786	-	4	75	GTG	TAG	0	0
mORF_-_3497747	3497747	3497839	-	6	93	ATG	TGA	0	0
mORF_-_3497770	3497770	3497775	-	5	6	ATG	TAG	0	0
mORF_-_3497779	3497779	3497826	-	5	48	ATG	TAA	0	0
mORF_-_3497826	3497826	3497858	-	4	33	ATG	TAA	0	0
mORF_-_3497836	3497836	3497868	-	5	33	ATG	TGA	0	0
mORF_-_3497870	3497870	3497890	-	6	21	TTG	TAA	0	0
mORF_-_3497877	3497877	3498083	-	4	207	ATG	TAA	0	0
mORF_-_3497899	3497899	3497952	-	5	54	TTG	TAG	0	0
mORF_-_3497930	3497930	3498040	-	6	111	TTG	TAG	0	0
mORF_-_3498080	3498080	3498244	-	6	165	ATG	TGA	0	0
mORF_-_3498091	3498091	3498108	-	5	18	TTG	TAA	0	0
mORF_-_3498117	3498117	3498134	-	4	18	GTG	TAG	0	0
mORF_-_3498165	3498165	3498275	-	4	111	TTG	TAA	0	0
mORF_-_3498352	3498352	3498357	-	5	6	GTG	TAG	0	0
mORF_-_3498387	3498387	3498563	-	4	177	ATG	TGA	0	0
mORF_-_3498394	3498394	3498942	-	5	549	TTG	TAG	0	0
mORF_-_3498479	3498479	3498502	-	6	24	TTG	TAG	0	0
mORF_-_3498576	3498576	3498614	-	4	39	ATG	TAA	0	0
mORF_-_3498593	3498593	3498757	-	6	165	GTG	TAA	0	0

mORF_-_3498657	3498657	3498983	-	4	327	GTG	TAG	0	0
mORF_-_3498996	3498996	3499049	-	4	54	ATG	TAA	0	0
mORF_-_3499046	3499046	3499132	-	6	87	TTG	TGA	0	0
mORF_-_3499071	3499071	3499196	-	4	126	ATG	TAA	0	0
mORF_-_3499136	3499136	3499168	-	6	33	GTG	TGA	0	0
mORF_-_3499221	3499221	3499256	-	4	36	TTG	TAA	0	0
mORF_-_3499253	3499253	3499330	-	6	78	GTG	TGA	0	0
mORF_-_3499272	3499272	3500267	-	4	996	GTG	TAA	0	0
mORF_-_3499343	3499343	3499420	-	6	78	ATG	TGA	0	0
mORF_-_3499363	3499363	3499455	-	5	93	GTG	TGA	0	0
mORF_-_3499430	3499430	3499459	-	6	30	TTG	TAA	0	0
mORF_-_3499511	3499511	3499546	-	6	36	GTG	TAG	0	0
mORF_-_3499592	3499592	3499711	-	6	120	ATG	TAG	0	0
mORF_-_3499615	3499615	3499650	-	5	36	GTG	TGA	0	0
mORF_-_3499757	3499757	3499831	-	6	75	TTG	TAG	0	0
mORF_-_3499853	3499853	3499867	-	6	15	GTG	TGA	0	0
mORF_-_3499958	3499958	3500161	-	6	204	ATG	TAA	0	0
mORF_-_3500158	3500158	3500226	-	5	69	TTG	TGA	0	0
mORF_-_3500251	3500251	3500475	-	5	225	GTG	TAG	0	0
mORF_-_3500255	3500255	3500260	-	6	6	TTG	TAA	0	0
mORF_-_3500264	3500264	3500269	-	6	6	TTG	TGA	0	0
mORF_-_3500309	3500309	3500350	-	6	42	TTG	TAA	0	0
mORF_-_3500402	3500402	3500428	-	6	27	TTG	TAG	0	0
mORF_-_3500439	3500439	3500519	-	4	81	TTG	TAA	0	0
mORF_-_3500491	3500491	3500700	-	5	210	GTG	TAA	0	0
mORF_-_3500556	3500556	3500573	-	4	18	TTG	TAG	0	0
mORF_-_3500577	3500577	3500639	-	4	63	TTG	TAG	0	0
mORF_-_3500636	3500636	3500659	-	6	24	TTG	TGA	0	0
mORF_-_3500706	3500706	3500789	-	4	84	ATG	TAG	0	0
mORF_-_3500711	3500711	3500719	-	6	9	GTG	TGA	0	0
mORF_-_3500809	3500809	3500859	-	5	51	ATG	TAA	0	0
mORF_-_3500856	3500856	3500906	-	4	51	ATG	TGA	0	0
mORF_-_3500943	3500943	3500954	-	4	12	TTG	TAA	0	0
mORF_-_3500968	3500968	3501207	-	5	240	TTG	TAA	0	0
mORF_-_3500973	3500973	3501011	-	4	39	GTG	TGA	0	0
mORF_-_3501015	3501015	3501035	-	4	21	TTG	TAA	0	0
mORF_-_3501135	3501135	3501695	-	4	561	TTG	TAG	0	0
mORF_-_3501230	3501230	3501292	-	6	63	GTG	TAG	0	0
mORF_-_3501296	3501296	3501319	-	6	24	ATG	TAG	0	0
mORF_-_3501319	3501319	3501351	-	5	33	TTG	TAA	0	0
mORF_-_3501341	3501341	3501376	-	6	36	ATG	TAG	0	0
mORF_-_3501415	3501415	3501582	-	5	168	GTG	TAA	0	0
mORF_-_3501428	3501428	3501448	-	6	21	TTG	TGA	0	0
mORF_-_3501467	3501467	3501472	-	6	6	GTG	TAG	0	0
mORF_-_3501512	3501512	3501784	-	6	273	ATG	TAA	0	0
mORF_-_3501604	3501604	3501690	-	5	87	GTG	TAA	0	0
mORF_-_3501812	3501812	3501952	-	6	141	ATG	TGA	0	0
mORF_-_3501865	3501865	3502053	-	5	189	ATG	TGA	0	0
mORF_-_3501906	3501906	3502001	-	4	96	GTG	TAA	0	0
mORF_-_3501998	3501998	3502006	-	6	9	TTG	TGA	0	0
mORF_-_3502077	3502077	3502205	-	4	129	TTG	TGA	0	0
mORF_-_3502157	3502157	3502438	-	6	282	ATG	TAA	0	0
mORF_-_3502180	3502180	3502203	-	5	24	GTG	TAG	0	0
mORF_-_3502248	3502248	3502301	-	4	54	TTG	TAA	0	0
mORF_-_3502342	3502342	3502362	-	5	21	GTG	TAA	0	0
mORF_-_3502359	3502359	3502463	-	4	105	ATG	TGA	0	0
mORF_-_3502501	3502501	3502515	-	5	15	ATG	TAA	0	0
mORF_-_3502553	3502553	3502573	-	6	21	GTG	TAA	0	0
mORF_-_3502581	3502581	3502742	-	4	162	GTG	TAA	0	0
mORF_-_3502586	3502586	3502708	-	6	123	TTG	TGA	0	0
mORF_-_3502612	3502612	3502662	-	5	51	TTG	TGA	0	0
mORF_-_3502721	3502721	3502777	-	6	57	GTG	TGA	0	0
mORF_-_3502779	3502779	3502838	-	4	60	ATG	TAA	0	0

mORF_-_3502783	3502783	3502833	-	5	51	ATG	TAG	0	0	
mORF_-_3502863	3502863	3502886	-	4	24	GTG	TAA	0	0	
mORF_-_3502883	3502883	3502957	-	6	75	ATG	TGA	0	0	
mORF_-_3502947	3502947	3503198	-	4	252	TTG	TAG	0	0	
mORF_-_3502957	3502957	3504042	-	5	1086	ATG	TAA	0	0	
mORF_-_3503021	3503021	3503038	-	6	18	TTG	TAA	0	0	
mORF_-_3503199	3503199	3503225	-	4	27	TTG	TGA	0	0	
mORF_-_3503238	3503238	3503258	-	4	21	GTG	TGA	0	0	
mORF_-_3503310	3503310	3503495	-	4	186	GTG	TGA	0	0	
mORF_-_3503411	3503411	3503491	-	6	81	ATG	TGA	0	0	
mORF_-_3503517	3503517	3503534	-	4	18	ATG	TGA	0	0	
mORF_-_3503538	3503538	3503636	-	4	99	ATG	TAA	0	0	
mORF_-_3503664	3503664	3503690	-	4	27	TTG	TGA	0	0	
mORF_-_3503703	3503703	3503882	-	4	180	GTG	TGA	0	0	
mORF_-_3503922	3503922	3504008	-	4	87	TTG	TAG	0	0	
mORF_-_3503927	3503927	3503968	-	6	42	TTG	TGA	0	0	
mORF_-_3504005	3504005	3504091	-	6	87	ATG	TGA	0	0	
mORF_-_3504054	3504054	3505358	-	4	1305	ATG	TAA	2	5	pORF_-_3504054
mORF_-_3504113	3504113	3504184	-	6	72	TTG	TAA	0	0	
mORF_-_3504269	3504269	3504298	-	6	30	ATG	TGA	0	0	
mORF_-_3504298	3504298	3504327	-	5	30	ATG	TAA	0	0	
mORF_-_3504377	3504377	3504457	-	6	81	GTG	TAG	0	0	
mORF_-_3504464	3504464	3504481	-	6	18	TTG	TAG	0	0	
mORF_-_3504482	3504482	3504493	-	6	12	TTG	TGA	0	0	
mORF_-_3504560	3504560	3504616	-	6	57	TTG	TAA	0	0	
mORF_-_3504623	3504623	3504643	-	6	21	TTG	TGA	0	0	
mORF_-_3504644	3504644	3504745	-	6	102	GTG	TGA	0	0	
mORF_-_3504785	3504785	3504796	-	6	12	TTG	TGA	0	0	
mORF_-_3504845	3504845	3504853	-	6	9	GTG	TAG	0	0	
mORF_-_3504881	3504881	3504937	-	6	57	TTG	TGA	0	0	
mORF_-_3504973	3504973	3505128	-	5	156	ATG	TAG	0	0	
mORF_-_3504977	3504977	3504985	-	6	9	ATG	TAG	0	0	
mORF_-_3505037	3505037	3505066	-	6	30	TTG	TGA	0	0	
mORF_-_3505148	3505148	3505186	-	6	39	TTG	TGA	0	0	
mORF_-_3505190	3505190	3505198	-	6	9	TTG	TGA	0	0	
mORF_-_3505226	3505226	3505240	-	6	15	TTG	TGA	0	0	
mORF_-_3505241	3505241	3505273	-	6	33	ATG	TGA	0	0	
mORF_-_3505270	3505270	3505326	-	5	57	GTG	TGA	0	0	
mORF_-_3505370	3505370	3505762	-	6	393	GTG	TAA	0	0	
mORF_-_3505387	3505387	3505431	-	5	45	TTG	TGA	0	0	
mORF_-_3505453	3505453	3505500	-	5	48	TTG	TGA	0	0	
mORF_-_3505482	3505482	3505508	-	4	27	TTG	TAA	0	0	
mORF_-_3505525	3505525	3505560	-	5	36	GTG	TGA	0	0	
mORF_-_3505566	3505566	3505571	-	4	6	GTG	TAA	0	0	
mORF_-_3505609	3505609	3505713	-	5	105	TTG	TGA	0	0	
mORF_-_3505734	3505734	3506612	-	4	879	ATG	TAA	0	0	
mORF_-_3505769	3505769	3505780	-	6	12	ATG	TGA	0	0	
mORF_-_3505826	3505826	3505852	-	6	27	GTG	TAA	0	0	
mORF_-_3505907	3505907	3505945	-	6	39	TTG	TGA	0	0	
mORF_-_3506045	3506045	3506188	-	6	144	TTG	TGA	0	0	
mORF_-_3506258	3506258	3506338	-	6	81	ATG	TGA	0	0	
mORF_-_3506405	3506405	3506428	-	6	24	ATG	TAA	0	0	
mORF_-_3506450	3506450	3506458	-	6	9	TTG	TGA	0	0	
mORF_-_3506459	3506459	3506464	-	6	6	ATG	TGA	0	0	
mORF_-_3506464	3506464	3506505	-	5	42	TTG	TAA	0	0	
mORF_-_3506492	3506492	3506605	-	6	114	TTG	TGA	0	0	
mORF_-_3506602	3506602	3506727	-	5	126	GTG	TGA	0	0	
mORF_-_3506609	3506609	3507835	-	6	1227	ATG	TGA	0	0	
mORF_-_3506685	3506685	3506690	-	4	6	GTG	TGA	0	0	
mORF_-_3506706	3506706	3506843	-	4	138	TTG	TGA	0	0	
mORF_-_3506743	3506743	3506802	-	5	60	TTG	TGA	0	0	
mORF_-_3506830	3506830	3506931	-	5	102	ATG	TGA	0	0	
mORF_-_3506886	3506886	3506966	-	4	81	TTG	TGA	0	0	

mORF_-_3507046	3507046	3507246	-	5	201	ATG	TGA	0	0	
mORF_-_3507268	3507268	3507348	-	5	81	TTG	TAA	0	0	
mORF_-_3507391	3507391	3507462	-	5	72	GTG	TAG	0	0	
mORF_-_3507408	3507408	3507440	-	4	33	GTG	TAA	0	0	
mORF_-_3507490	3507490	3507513	-	5	24	TTG	TAG	0	0	
mORF_-_3507514	3507514	3507519	-	5	6	ATG	TGA	0	0	
mORF_-_3507559	3507559	3507660	-	5	102	ATG	TAG	0	0	
mORF_-_3507597	3507597	3507740	-	4	144	ATG	TGA	0	0	
mORF_-_3507724	3507724	3507780	-	5	57	ATG	TGA	0	0	
mORF_-_3507793	3507793	3507810	-	5	18	TTG	TAG	0	0	
mORF_-_3507807	3507807	3507968	-	4	162	GTG	TGA	0	0	
mORF_-_3507814	3507814	3507825	-	5	12	TTG	TAG	0	0	
mORF_-_3507835	3507835	3508998	-	5	1164	ATG	TAA	0	0	
mORF_-_3507972	3507972	3508157	-	4	186	GTG	TAA	0	0	
mORF_-_3508221	3508221	3508244	-	4	24	ATG	TGA	0	0	
mORF_-_3508248	3508248	3508253	-	4	6	GTG	TGA	0	0	
mORF_-_3508305	3508305	3508322	-	4	18	TTG	TGA	0	0	
mORF_-_3508356	3508356	3508403	-	4	48	ATG	TGA	0	0	
mORF_-_3508400	3508400	3508417	-	6	18	TTG	TGA	0	0	
mORF_-_3508437	3508437	3508532	-	4	96	ATG	TAG	0	0	
mORF_-_3508578	3508578	3508757	-	4	180	TTG	TGA	0	0	
mORF_-_3508655	3508655	3508798	-	6	144	GTG	TGA	0	0	
mORF_-_3508770	3508770	3508811	-	4	42	TTG	TAG	0	0	
mORF_-_3508824	3508824	3508862	-	4	39	TTG	TGA	0	0	
mORF_-_3508871	3508871	3509146	-	6	276	GTG	TAA	0	0	
mORF_-_3508989	3508989	3508994	-	4	6	TTG	TAG	0	0	
mORF_-_3509026	3509026	3509037	-	5	12	ATG	TAA	0	0	
mORF_-_3509050	3509050	3509085	-	5	36	TTG	TAA	0	0	
mORF_-_3509082	3509082	3509486	-	4	405	GTG	TGA	0	0	
mORF_-_3509095	3509095	3509109	-	5	15	ATG	TAA	0	0	
mORF_-_3509143	3509143	3509148	-	5	6	GTG	TGA	0	0	
mORF_-_3509174	3509174	3509200	-	6	27	TTG	TGA	0	0	
mORF_-_3509258	3509258	3509272	-	6	15	GTG	TAG	0	0	
mORF_-_3509285	3509285	3509293	-	6	9	GTG	TGA	0	0	
mORF_-_3509306	3509306	3509329	-	6	24	GTG	TGA	0	0	
mORF_-_3509326	3509326	3509349	-	5	24	GTG	TGA	0	0	
mORF_-_3509378	3509378	3509404	-	6	27	TTG	TGA	0	0	
mORF_-_3509401	3509401	3509421	-	5	21	TTG	TGA	0	0	
mORF_-_3509461	3509461	3510366	-	5	906	ATG	TAA	0	0	
mORF_-_3509526	3509526	3509564	-	4	39	ATG	TAG	0	0	
mORF_-_3509679	3509679	3509771	-	4	93	ATG	TGA	0	0	
mORF_-_3509840	3509840	3509902	-	6	63	ATG	TAA	0	0	
mORF_-_3509850	3509850	3509867	-	4	18	TTG	TGA	0	0	
mORF_-_3509934	3509934	3510035	-	4	102	TTG	TAG	0	0	
mORF_-_3509969	3509969	3509980	-	6	12	GTG	TAA	0	0	
mORF_-_3510032	3510032	3510100	-	6	69	ATG	TGA	0	0	
mORF_-_3510045	3510045	3510122	-	4	78	ATG	TGA	0	0	
mORF_-_3510126	3510126	3510185	-	4	60	TTG	TGA	0	0	
mORF_-_3510182	3510182	3510253	-	6	72	ATG	TGA	0	0	
mORF_-_3510231	3510231	3510269	-	4	39	ATG	TGA	0	0	
mORF_-_3510279	3510279	3510302	-	4	24	GTG	TGA	0	0	
mORF_-_3510287	3510287	3510295	-	6	9	GTG	TAA	0	0	
mORF_-_3510392	3510392	3510637	-	6	246	TTG	TAA	0	0	
mORF_-_3510400	3510400	3510456	-	5	57	GTG	TGA	0	0	
mORF_-_3510453	3510453	3510458	-	4	6	ATG	TGA	0	0	
mORF_-_3510468	3510468	3510476	-	4	9	TTG	TAA	0	0	
mORF_-_3510508	3510508	3510582	-	5	75	ATG	TGA	0	0	
mORF_-_3510558	3510558	3510563	-	4	6	ATG	TAG	0	0	
mORF_-_3510582	3510582	3510617	-	4	36	ATG	TAA	0	0	
mORF_-_3510607	3510607	3510678	-	5	72	TTG	TGA	0	0	
mORF_-_3510656	3510656	3511660	-	6	1005	ATG	TAA	80	1299	pORF_-_3510656
mORF_-_3510697	3510697	3510738	-	6	42	ATG	TAA	0	0	
mORF_-_3510745	3510745	3510768	-	5	24	ATG	TGA	0	0	

mORF_-_3510805	3510805	3510837	-	5	33	GTG	TGA	0	0	
mORF_-_3510841	3510841	3510852	-	5	12	ATG	TGA	0	0	
mORF_-_3510901	3510901	3510954	-	5	54	ATG	TAA	0	0	
mORF_-_3510964	3510964	3510996	-	5	33	GTG	TAG	0	0	
mORF_-_3511102	3511102	3511182	-	5	81	TTG	TAA	0	0	
mORF_-_3511192	3511192	3511221	-	5	30	GTG	TGA	0	0	
mORF_-_3511267	3511267	3511311	-	5	45	ATG	TGA	0	0	
mORF_-_3511387	3511387	3511563	-	5	177	ATG	TAG	0	0	
mORF_-_3511437	3511437	3511454	-	4	18	TTG	TGA	0	0	
mORF_-_3511533	3511533	3511553	-	4	21	TTG	TGA	0	0	
mORF_-_3511560	3511560	3511580	-	4	21	GTG	TGA	0	0	
mORF_-_3511573	3511573	3511608	-	5	36	TTG	TAA	0	0	
mORF_-_3511612	3511612	3511638	-	5	27	GTG	TGA	0	0	
mORF_-_3511653	3511653	3512411	-	4	759	ATG	TAA	21	281	pORF_-_3511653
mORF_-_3511694	3511694	3511714	-	6	21	ATG	TAG	0	0	
mORF_-_3511730	3511730	3511735	-	6	6	ATG	TAA	0	0	
mORF_-_3511768	3511768	3511800	-	5	33	TTG	TAA	0	0	
mORF_-_3511781	3511781	3511939	-	6	159	TTG	TAA	0	0	
mORF_-_3512021	3512021	3512206	-	6	186	GTG	TAG	0	0	
mORF_-_3512240	3512240	3512311	-	6	72	ATG	TGA	0	0	
mORF_-_3512324	3512324	3512401	-	6	78	TTG	TAG	0	0	
mORF_-_3512404	3512404	3513081	-	5	678	ATG	TAA	34	612	pORF_-_3512404
mORF_-_3512415	3512415	3512528	-	4	114	TTG	TAA	0	0	
mORF_-_3512541	3512541	3512549	-	4	9	GTG	TGA	0	0	
mORF_-_3512559	3512559	3512573	-	4	15	TTG	TAG	0	0	
mORF_-_3512676	3512676	3512681	-	4	6	ATG	TGA	0	0	
mORF_-_3512712	3512712	3512756	-	4	45	ATG	TGA	0	0	
mORF_-_3512766	3512766	3512852	-	4	87	TTG	TGA	0	0	
mORF_-_3512874	3512874	3512906	-	4	33	ATG	TGA	0	0	
mORF_-_3512922	3512922	3512939	-	4	18	TTG	TGA	0	0	
mORF_-_3512943	3512943	3513065	-	4	123	TTG	TGA	0	0	
mORF_-_3513099	3513099	3513935	-	4	837	ATG	TAA	2	7	pORF_-_3513099
mORF_-_3513160	3513160	3513231	-	5	72	GTG	TAA	0	0	
mORF_-_3513182	3513182	3513235	-	6	54	GTG	TAA	0	0	
mORF_-_3513263	3513263	3513550	-	6	288	GTG	TGA	0	0	
mORF_-_3513325	3513325	3513399	-	5	75	TTG	TGA	0	0	
mORF_-_3513448	3513448	3513453	-	5	6	TTG	TGA	0	0	
mORF_-_3513547	3513547	3513678	-	5	132	TTG	TGA	0	0	
mORF_-_3513593	3513593	3513724	-	6	132	ATG	TGA	0	0	
mORF_-_3513737	3513737	3513742	-	6	6	TTG	TGA	0	0	
mORF_-_3513758	3513758	3513826	-	6	69	GTG	TGA	0	0	
mORF_-_3513827	3513827	3513883	-	6	57	TTG	TAG	0	0	
mORF_-_3513838	3513838	3513849	-	5	12	ATG	TGA	0	0	
mORF_-_3513880	3513880	3513909	-	5	30	GTG	TGA	0	0	
mORF_-_3513941	3513941	3514177	-	6	237	GTG	TAG	0	0	
mORF_-_3513949	3513949	3514023	-	5	75	ATG	TAA	0	0	
mORF_-_3514042	3514042	3515328	-	5	1287	ATG	TAA	38	177	pORF_-_3514042
mORF_-_3514047	3514047	3514208	-	4	162	TTG	TGA	0	0	
mORF_-_3514199	3514199	3514240	-	6	42	TTG	TGA	0	0	
mORF_-_3514308	3514308	3514322	-	4	15	ATG	TGA	0	0	
mORF_-_3514512	3514512	3514541	-	4	30	TTG	TGA	0	0	
mORF_-_3514542	3514542	3514682	-	4	141	ATG	TGA	0	0	
mORF_-_3514713	3514713	3514721	-	4	9	ATG	TGA	0	0	
mORF_-_3514725	3514725	3514904	-	4	180	TTG	TGA	0	0	
mORF_-_3515076	3515076	3515228	-	4	153	GTG	TAG	1	2	pORF_-_3515076
mORF_-_3515298	3515298	3515324	-	4	27	ATG	TGA	0	0	
mORF_-_3515321	3515321	3515335	-	6	15	GTG	TGA	0	0	
mORF_-_3515329	3515329	3515361	-	5	33	GTG	TAA	0	0	
mORF_-_3515348	3515348	3515368	-	6	21	TTG	TAA	0	0	
mORF_-_3515355	3515355	3515435	-	4	81	TTG	TAA	0	0	
mORF_-_3515380	3515380	3515496	-	5	117	TTG	TAG	0	0	
mORF_-_3515420	3515420	3516508	-	6	1089	ATG	TAA	27	167	pORF_-_3515420
mORF_-_3515512	3515512	3515595	-	5	84	ATG	TAA	0	0	

mORF_-_3515689	3515689	3515763	-	5	75	TTG	TGA	0	0	
mORF_-_3515712	3515712	3515726	-	4	15	TTG	TGA	0	0	
mORF_-_3515779	3515779	3515823	-	5	45	TTG	TGA	0	0	
mORF_-_3515833	3515833	3515934	-	5	102	TTG	TGA	0	0	
mORF_-_3515838	3515838	3515846	-	4	9	TTG	TGA	0	0	
mORF_-_3515974	3515974	3515982	-	5	9	GTG	TAG	0	0	
mORF_-_3515998	3515998	3516048	-	5	51	TTG	TGA	0	0	
mORF_-_3516049	3516049	3516147	-	5	99	GTG	TGA	0	0	
mORF_-_3516190	3516190	3516339	-	5	150	TTG	TAG	0	0	
mORF_-_3516415	3516415	3516522	-	5	108	GTG	TGA	0	0	
mORF_-_3516474	3516474	3516518	-	4	45	ATG	TAG	0	0	
mORF_-_3516528	3516528	3516623	-	4	96	ATG	TAA	0	0	
mORF_-_3516565	3516565	3517287	-	5	723	GTG	TAA	40	644	pORF_-_3516565
mORF_-_3516636	3516636	3516824	-	4	189	GTG	TGA	0	0	
mORF_-_3516831	3516831	3516860	-	4	30	TTG	TGA	0	0	
mORF_-_3516876	3516876	3516884	-	4	9	ATG	TGA	0	0	
mORF_-_3516927	3516927	3516971	-	4	45	TTG	TAG	0	0	
mORF_-_3517014	3517014	3517058	-	4	45	TTG	TAG	0	0	
mORF_-_3517134	3517134	3517169	-	4	36	ATG	TGA	0	0	
mORF_-_3517197	3517197	3517238	-	4	42	GTG	TAA	0	0	
mORF_-_3517202	3517202	3517225	-	6	24	TTG	TGA	0	0	
mORF_-_3517235	3517235	3517306	-	6	72	GTG	TGA	0	0	
mORF_-_3517281	3517281	3517451	-	4	171	GTG	TAG	0	0	
mORF_-_3517316	3517316	3517399	-	6	84	TTG	TAA	0	0	
mORF_-_3517363	3517363	3517392	-	5	30	TTG	TGA	0	0	
mORF_-_3517418	3517418	3517438	-	6	21	TTG	TAG	0	0	
mORF_-_3517454	3517454	3517468	-	6	15	ATG	TGA	0	0	
mORF_-_3517477	3517477	3517494	-	5	18	GTG	TAA	0	0	
mORF_-_3517487	3517487	3518725	-	6	1239	ATG	TAA	0	0	
mORF_-_3517525	3517525	3517722	-	5	198	ATG	TAG	0	0	
mORF_-_3517771	3517771	3518034	-	5	264	ATG	TGA	0	0	
mORF_-_3518050	3518050	3518109	-	5	60	ATG	TAG	0	0	
mORF_-_3518064	3518064	3518123	-	4	60	ATG	TAG	0	0	
mORF_-_3518131	3518131	3518184	-	5	54	TTG	TAG	0	0	
mORF_-_3518181	3518181	3518219	-	4	39	GTG	TGA	0	0	
mORF_-_3518212	3518212	3518226	-	5	15	TTG	TAG	0	0	
mORF_-_3518287	3518287	3518304	-	5	18	GTG	TGA	0	0	
mORF_-_3518359	3518359	3518445	-	5	87	TTG	TAA	0	0	
mORF_-_3518503	3518503	3518535	-	5	33	ATG	TAG	0	0	
mORF_-_3518626	3518626	3518640	-	5	15	ATG	TAG	0	0	
mORF_-_3518637	3518637	3519080	-	4	444	GTG	TGA	0	0	
mORF_-_3518722	3518722	3518931	-	5	210	GTG	TGA	0	0	
mORF_-_3518804	3518804	3518839	-	6	36	ATG	TGA	0	0	
mORF_-_3518882	3518882	3518887	-	6	6	GTG	TAA	0	0	
mORF_-_3518909	3518909	3518983	-	6	75	GTG	TAG	0	0	
mORF_-_3518944	3518944	3518955	-	5	12	ATG	TAG	0	0	
mORF_-_3518980	3518980	3519003	-	5	24	GTG	TGA	0	0	
mORF_-_3518993	3518993	3519010	-	6	18	TTG	TAA	0	0	
mORF_-_3519031	3519031	3519471	-	5	441	ATG	TAA	0	0	
mORF_-_3519077	3519077	3519310	-	6	234	GTG	TGA	0	0	
mORF_-_3519339	3519339	3519359	-	4	21	ATG	TAA	0	0	
mORF_-_3519356	3519356	3519451	-	6	96	GTG	TGA	0	0	
mORF_-_3519396	3519396	3519458	-	4	63	TTG	TGA	0	0	
mORF_-_3519455	3519455	3519994	-	6	540	ATG	TGA	0	0	
mORF_-_3519487	3519487	3519564	-	5	78	ATG	TAA	0	0	
mORF_-_3519886	3519886	3519915	-	5	30	TTG	TAA	0	0	
mORF_-_3519978	3519978	3520133	-	4	156	TTG	TAA	0	0	
mORF_-_3519994	3519994	3520800	-	5	807	GTG	TGA	0	0	
mORF_-_3520091	3520091	3520111	-	6	21	ATG	TGA	0	0	
mORF_-_3520167	3520167	3520295	-	4	129	ATG	TGA	0	0	
mORF_-_3520196	3520196	3520219	-	6	24	GTG	TAG	0	0	
mORF_-_3520229	3520229	3520246	-	6	18	ATG	TGA	0	0	
mORF_-_3520311	3520311	3520322	-	4	12	GTG	TGA	0	0	

mORF_-_3520377	3520377	3520715	-	4	339	TTG	TGA	0	0	
mORF_-_3520490	3520490	3520591	-	6	102	GTG	TGA	0	0	
mORF_-_3520622	3520622	3520690	-	6	69	ATG	TGA	0	0	
mORF_-_3520719	3520719	3520793	-	4	75	GTG	TAG	0	0	
mORF_-_3520797	3520797	3520817	-	4	21	TTG	TGA	0	0	
mORF_-_3520814	3520814	3520936	-	6	123	ATG	TGA	0	0	
mORF_-_3520834	3520834	3521007	-	5	174	ATG	TAA	0	0	
mORF_-_3520854	3520854	3520868	-	4	15	TTG	TAA	0	0	
mORF_-_3520965	3520965	3520988	-	4	24	TTG	TAG	0	0	
mORF_-_3520973	3520973	3520978	-	6	6	ATG	TAG	0	0	
mORF_-_3521007	3521007	3521231	-	4	225	GTG	TAA	0	0	
mORF_-_3521098	3521098	3521118	-	5	21	GTG	TAA	0	0	
mORF_-_3521137	3521137	3521247	-	5	111	TTG	TAA	0	0	
mORF_-_3521228	3521228	3521341	-	6	114	ATG	TGA	0	0	
mORF_-_3521235	3521235	3522197	-	4	963	TTG	TGA	0	0	
mORF_-_3521314	3521314	3521433	-	5	120	GTG	TAA	0	0	
mORF_-_3521378	3521378	3521389	-	6	12	TTG	TAA	0	0	
mORF_-_3521438	3521438	3521521	-	6	84	TTG	TAG	0	0	
mORF_-_3521528	3521528	3521599	-	6	72	GTG	TAG	0	0	
mORF_-_3521596	3521596	3521622	-	5	27	GTG	TGA	0	0	
mORF_-_3521615	3521615	3521626	-	6	12	GTG	TGA	0	0	
mORF_-_3521744	3521744	3521752	-	6	9	ATG	TAA	0	0	
mORF_-_3521753	3521753	3521773	-	6	21	TTG	TAA	0	0	
mORF_-_3521764	3521764	3521853	-	5	90	TTG	TGA	0	0	
mORF_-_3521819	3521819	3521827	-	6	9	ATG	TAG	0	0	
mORF_-_3521837	3521837	3521896	-	6	60	TTG	TAG	0	0	
mORF_-_3521899	3521899	3521925	-	5	27	TTG	TAA	0	0	
mORF_-_3521927	3521927	3521965	-	6	39	TTG	TAG	0	0	
mORF_-_3521953	3521953	3522153	-	5	201	GTG	TGA	0	0	
mORF_-_3522125	3522125	3522238	-	6	114	TTG	TGA	0	0	
mORF_-_3522239	3522239	3522262	-	6	24	GTG	TGA	0	0	
mORF_-_3522250	3522250	3522270	-	5	21	GTG	TAA	0	0	
mORF_-_3522275	3522275	3522295	-	6	21	TTG	TGA	0	0	
mORF_-_3522292	3522292	3522549	-	5	258	GTG	TGA	0	0	
mORF_-_3522305	3522305	3522310	-	6	6	GTG	TAG	0	0	
mORF_-_3522441	3522441	3522563	-	4	123	GTG	TAA	0	0	
mORF_-_3522509	3522509	3522598	-	6	90	GTG	TAG	0	0	
mORF_-_3522595	3522595	3522603	-	5	9	TTG	TGA	0	0	
mORF_-_3522620	3522620	3522673	-	6	54	TTG	TAG	0	0	
mORF_-_3522808	3522808	3522906	-	5	99	GTG	TAG	0	0	
mORF_-_3522866	3522866	3523051	-	6	186	GTG	TGA	0	0	
mORF_-_3522873	3522873	3523148	-	4	276	ATG	TAA	0	0	
mORF_-_3522916	3522916	3522933	-	5	18	ATG	TGA	0	0	
mORF_-_3523051	3523051	3523152	-	5	102	TTG	TAG	0	0	
mORF_-_3523168	3523168	3523281	-	5	114	GTG	TAA	0	0	
mORF_-_3523187	3523187	3523204	-	6	18	TTG	TAA	0	0	
mORF_-_3523229	3523229	3523411	-	6	183	ATG	TAA	0	0	
mORF_-_3523323	3523323	3523394	-	4	72	GTG	TAA	0	0	
mORF_-_3523357	3523357	3523380	-	5	24	GTG	TGA	0	0	
mORF_-_3523411	3523411	3523599	-	5	189	TTG	TAA	0	0	
mORF_-_3523470	3523470	3523484	-	4	15	TTG	TGA	0	0	
mORF_-_3523521	3523521	3523535	-	4	15	TTG	TAA	0	0	
mORF_-_3523529	3523529	3523585	-	6	57	ATG	TAG	0	0	
mORF_-_3523548	3523548	3523610	-	4	63	ATG	TGA	0	0	
mORF_-_3523592	3523592	3523606	-	6	15	GTG	TGA	0	0	
mORF_-_3523603	3523603	3523638	-	5	36	ATG	TGA	0	0	
mORF_-_3523611	3523611	3524171	-	4	561	ATG	TAA	15	37	pORF_-_3523611
mORF_-_3523631	3523631	3523678	-	6	48	ATG	TGA	0	0	
mORF_-_3523706	3523706	3523753	-	6	48	ATG	TGA	0	0	
mORF_-_3523850	3523850	3523873	-	6	24	TTG	TGA	0	0	
mORF_-_3523883	3523883	3523927	-	6	45	TTG	TAA	0	0	
mORF_-_3523991	3523991	3524017	-	6	27	TTG	TGA	0	0	
mORF_-_3524021	3524021	3524074	-	6	54	ATG	TGA	0	0	

mORF_-_3524123	3524123	3524137	-	6	15	ATG	TAG	0	0	
mORF_-_3524193	3524193	3524243	-	4	51	ATG	TGA	0	0	
mORF_-_3524200	3524200	3524220	-	5	21	GTG	TAA	0	0	
mORF_-_3524249	3524249	3524254	-	6	6	ATG	TAA	0	0	
mORF_-_3524264	3524264	3524284	-	6	21	TTG	TAA	0	0	
mORF_-_3524281	3524281	3524406	-	5	126	GTG	TGA	0	0	
mORF_-_3524391	3524391	3524501	-	4	111	ATG	TGA	0	0	
mORF_-_3524396	3524396	3524434	-	6	39	ATG	TAA	0	0	
mORF_-_3524431	3524431	3524460	-	5	30	GTG	TGA	0	0	
mORF_-_3524471	3524471	3524536	-	6	66	GTG	TAG	0	0	
mORF_-_3524536	3524536	3524613	-	5	78	TTG	TAG	0	0	
mORF_-_3524577	3524577	3524627	-	4	51	GTG	TGA	0	0	
mORF_-_3524624	3524624	3524716	-	6	93	GTG	TGA	0	0	
mORF_-_3524655	3524655	3524777	-	4	123	GTG	TAA	0	0	
mORF_-_3524680	3524680	3524901	-	5	222	ATG	TAA	0	0	
mORF_-_3524753	3524753	3524767	-	6	15	GTG	TGA	0	0	
mORF_-_3524781	3524781	3524789	-	4	9	ATG	TAA	0	0	
mORF_-_3524820	3524820	3524873	-	4	54	TTG	TAG	0	0	
mORF_-_3524898	3524898	3524933	-	4	36	TTG	TGA	0	0	
mORF_-_3524921	3524921	3524929	-	6	9	GTG	TAA	0	0	
mORF_-_3524926	3524926	3524985	-	5	60	TTG	TGA	0	0	
mORF_-_3524930	3524930	3524998	-	6	69	TTG	TGA	0	0	
mORF_-_3524937	3524937	3524957	-	4	21	ATG	TGA	0	0	
mORF_-_3524973	3524973	3525056	-	4	84	TTG	TAG	0	0	
mORF_-_3524995	3524995	3525033	-	5	39	TTG	TGA	0	0	
mORF_-_3525040	3525040	3525066	-	5	27	ATG	TAG	0	0	
mORF_-_3525152	3525152	3525280	-	6	129	GTG	TAA	0	0	
mORF_-_3525223	3525223	3525264	-	5	42	ATG	TAG	0	0	
mORF_-_3525312	3525312	3525329	-	4	18	TTG	TGA	0	0	
mORF_-_3525323	3525323	3525337	-	6	15	GTG	TGA	0	0	
mORF_-_3525334	3525334	3525468	-	5	135	ATG	TGA	0	0	
mORF_-_3525344	3525344	3525379	-	6	36	ATG	TAA	0	0	
mORF_-_3525357	3525357	3525383	-	4	27	ATG	TAG	0	0	
mORF_-_3525444	3525444	3525827	-	4	384	TTG	TGA	0	0	
mORF_-_3525490	3525490	3525498	-	5	9	GTG	TAA	0	0	
mORF_-_3525587	3525587	3525676	-	6	90	ATG	TGA	0	0	
mORF_-_3525595	3525595	3525642	-	5	48	TTG	TGA	0	0	
mORF_-_3525683	3525683	3525745	-	6	63	GTG	TAA	0	0	
mORF_-_3525773	3525773	3525802	-	6	30	ATG	TGA	0	0	
mORF_-_3525802	3525802	3525867	-	5	66	GTG	TAA	0	0	
mORF_-_3525821	3525821	3525838	-	6	18	ATG	TGA	0	0	
mORF_-_3525893	3525893	3525916	-	6	24	TTG	TGA	0	0	
mORF_-_3525910	3525910	3525921	-	5	12	TTG	TGA	0	0	
mORF_-_3525918	3525918	3526169	-	4	252	GTG	TGA	1	0	pORF_-_3525918
mORF_-_3526025	3526025	3526147	-	6	123	TTG	TGA	0	0	
mORF_-_3526105	3526105	3526194	-	5	90	TTG	TAA	0	0	
mORF_-_3526166	3526166	3526198	-	6	33	GTG	TGA	0	0	
mORF_-_3526232	3526232	3526333	-	6	102	GTG	TGA	0	0	
mORF_-_3526279	3526279	3526422	-	5	144	ATG	TGA	0	0	
mORF_-_3526290	3526290	3526397	-	4	108	TTG	TAG	0	0	
mORF_-_3526373	3526373	3526378	-	6	6	TTG	TGA	0	0	
mORF_-_3526452	3526452	3526499	-	4	48	ATG	TAG	0	0	
mORF_-_3526457	3526457	3526468	-	6	12	ATG	TGA	0	0	
mORF_-_3526474	3526474	3526593	-	5	120	TTG	TAG	0	0	
mORF_-_3526500	3526500	3526505	-	4	6	TTG	TAA	0	0	
mORF_-_3526536	3526536	3526550	-	4	15	ATG	TGA	0	0	
mORF_-_3526569	3526569	3526601	-	4	33	GTG	TAA	0	0	
mORF_-_3526606	3526606	3526749	-	5	144	GTG	TGA	0	0	
mORF_-_3526644	3526644	3526664	-	4	21	TTG	TAA	0	0	
mORF_-_3526649	3526649	3526879	-	6	231	ATG	TAG	0	0	
mORF_-_3526698	3526698	3526805	-	4	108	ATG	TGA	0	0	
mORF_-_3526824	3526824	3527003	-	4	180	GTG	TAA	0	0	
mORF_-_3526883	3526883	3527095	-	6	213	GTG	TAG	0	0	

mORF_-_3526903	3526903	3527121	-	5	219	GTG	TAA	0	0	
mORF_-_3527034	3527034	3527123	-	4	90	ATG	TGA	0	0	
mORF_-_3527105	3527105	3527119	-	6	15	GTG	TAA	0	0	
mORF_-_3527150	3527150	3527314	-	6	165	ATG	TAA	0	0	
mORF_-_3527271	3527271	3527321	-	4	51	GTG	TAG	0	0	
mORF_-_3527351	3527351	3527371	-	6	21	ATG	TAG	0	0	
mORF_-_3527412	3527412	3527480	-	4	69	ATG	TAG	0	0	
mORF_-_3527480	3527480	3527722	-	6	243	TTG	TAA	0	0	
mORF_-_3527581	3527581	3527673	-	5	93	GTG	TAA	0	0	
mORF_-_3527688	3527688	3527702	-	4	15	GTG	TAA	0	0	
mORF_-_3527742	3527742	3527756	-	4	15	GTG	TAA	0	0	
mORF_-_3527749	3527749	3527784	-	5	36	TTG	TAA	0	0	
mORF_-_3527775	3527775	3527813	-	4	39	TTG	TGA	0	0	
mORF_-_3527814	3527814	3527900	-	4	87	GTG	TAA	0	0	
mORF_-_3527903	3527903	3528124	-	6	222	TTG	TAA	0	0	
mORF_-_3527958	3527958	3528356	-	4	399	GTG	TAA	0	0	
mORF_-_3528128	3528128	3528145	-	6	18	ATG	TAA	0	0	
mORF_-_3528221	3528221	3528382	-	6	162	TTG	TAA	0	0	
mORF_-_3528379	3528379	3528411	-	5	33	TTG	TGA	0	0	
mORF_-_3528402	3528402	3528740	-	4	339	GTG	TAA	0	0	
mORF_-_3528455	3528455	3528577	-	6	123	ATG	TAA	0	0	
mORF_-_3528602	3528602	3528643	-	6	42	TTG	TAG	0	0	
mORF_-_3528715	3528715	3528744	-	5	30	ATG	TAG	0	0	
mORF_-_3528737	3528737	3530461	-	6	1725	ATG	TGA	1	2	pORF_-_3528737
mORF_-_3528751	3528751	3528756	-	5	6	ATG	TGA	0	0	
mORF_-_3528757	3528757	3528771	-	5	15	ATG	TGA	0	0	
mORF_-_3528765	3528765	3528791	-	4	27	GTG	TGA	0	0	
mORF_-_3528775	3528775	3528819	-	5	45	ATG	TAG	0	0	
mORF_-_3528871	3528871	3528972	-	5	102	GTG	TGA	0	0	
mORF_-_3528876	3528876	3528890	-	4	15	ATG	TGA	0	0	
mORF_-_3528976	3528976	3529014	-	5	39	TTG	TGA	0	0	
mORF_-_3529045	3529045	3529092	-	5	48	TTG	TAA	0	0	
mORF_-_3529093	3529093	3529101	-	5	9	ATG	TAA	0	0	
mORF_-_3529108	3529108	3529152	-	5	45	ATG	TAG	0	0	
mORF_-_3529192	3529192	3529206	-	5	15	ATG	TGA	0	0	
mORF_-_3529213	3529213	3529239	-	5	27	ATG	TGA	0	0	
mORF_-_3529372	3529372	3529398	-	5	27	TTG	TGA	0	0	
mORF_-_3529402	3529402	3529587	-	5	186	TTG	TGA	0	0	
mORF_-_3529437	3529437	3529550	-	4	114	ATG	TAA	0	0	
mORF_-_3529602	3529602	3529613	-	4	12	TTG	TAA	0	0	
mORF_-_3529606	3529606	3529662	-	5	57	TTG	TGA	0	0	
mORF_-_3529894	3529894	3529974	-	5	81	GTG	TAG	0	0	
mORF_-_3529971	3529971	3529997	-	4	27	GTG	TGA	0	0	
mORF_-_3529999	3529999	3530007	-	5	9	ATG	TGA	0	0	
mORF_-_3530020	3530020	3530085	-	5	66	ATG	TGA	0	0	
mORF_-_3530040	3530040	3530048	-	4	9	ATG	TAA	0	0	
mORF_-_3530082	3530082	3530162	-	4	81	TTG	TGA	0	0	
mORF_-_3530134	3530134	3530154	-	5	21	TTG	TGA	0	0	
mORF_-_3530188	3530188	3530196	-	5	9	ATG	TGA	0	0	
mORF_-_3530196	3530196	3530264	-	4	69	TTG	TGA	0	0	
mORF_-_3530221	3530221	3530238	-	5	18	TTG	TGA	0	0	
mORF_-_3530277	3530277	3530390	-	4	114	TTG	TAA	0	0	
mORF_-_3530287	3530287	3530343	-	5	57	TTG	TGA	0	0	
mORF_-_3530377	3530377	3530418	-	5	42	TTG	TGA	0	0	
mORF_-_3530419	3530419	3530451	-	5	33	TTG	TGA	0	0	
mORF_-_3530454	3530454	3530480	-	4	27	TTG	TAA	0	0	
mORF_-_3530467	3530467	3530595	-	5	129	ATG	TAA	0	0	
mORF_-_3530493	3530493	3530501	-	4	9	ATG	TAA	0	0	
mORF_-_3530526	3530526	3530540	-	4	15	TTG	TGA	0	0	
mORF_-_3530537	3530537	3530668	-	6	132	GTG	TGA	0	0	
mORF_-_3530596	3530596	3530613	-	5	18	GTG	TGA	0	0	
mORF_-_3530614	3530614	3530640	-	5	27	TTG	TGA	0	0	
mORF_-_3530644	3530644	3530670	-	5	27	GTG	TAA	0	0	

mORF_-_3530679	3530679	3530819	-	4	141	ATG	TAG	0	0	
mORF_-_3530803	3530803	3530853	-	5	51	TTG	TAG	0	0	
mORF_-_3530825	3530825	3530902	-	6	78	ATG	TAG	0	0	
mORF_-_3530889	3530889	3530921	-	4	33	TTG	TGA	0	0	
mORF_-_3530911	3530911	3530916	-	5	6	TTG	TAA	0	0	
mORF_-_3530968	3530968	3531453	-	5	486	GTG	TAA	0	0	
mORF_-_3531024	3531024	3531041	-	4	18	TTG	TGA	0	0	
mORF_-_3531035	3531035	3531652	-	6	618	GTG	TGA	0	0	
mORF_-_3531499	3531499	3531615	-	5	117	GTG	TAG	0	0	
mORF_-_3531675	3531675	3531701	-	4	27	TTG	TAA	0	0	
mORF_-_3531694	3531694	3531711	-	5	18	TTG	TAG	0	0	
mORF_-_3531739	3531739	3531834	-	5	96	GTG	TAG	0	0	
mORF_-_3531798	3531798	3531821	-	4	24	TTG	TAG	0	0	
mORF_-_3531818	3531818	3532090	-	6	273	GTG	TGA	0	0	
mORF_-_3531856	3531856	3531888	-	5	33	TTG	TGA	0	0	
mORF_-_3531982	3531982	3532035	-	5	54	GTG	TGA	0	0	
mORF_-_3532032	3532032	3532076	-	4	45	ATG	TGA	0	0	
mORF_-_3532147	3532147	3532335	-	5	189	GTG	TAA	0	0	
mORF_-_3532272	3532272	3532289	-	4	18	TTG	TAA	0	0	
mORF_-_3532336	3532336	3532419	-	5	84	GTG	TAG	0	0	
mORF_-_3532389	3532389	3532520	-	4	132	GTG	TAA	0	0	
mORF_-_3532538	3532538	3533890	-	6	1353	ATG	TAA	4	40	pORF_-_3532538
mORF_-_3532570	3532570	3532668	-	5	99	TTG	TAA	0	0	
mORF_-_3532678	3532678	3532839	-	5	162	ATG	TAG	0	0	
mORF_-_3532900	3532900	3532965	-	5	66	TTG	TGA	0	0	
mORF_-_3532966	3532966	3533103	-	5	138	ATG	TGA	0	0	
mORF_-_3533046	3533046	3533063	-	4	18	GTG	TGA	0	0	
mORF_-_3533179	3533179	3533304	-	5	126	TTG	TGA	0	0	
mORF_-_3533298	3533298	3533366	-	4	69	GTG	TAA	0	0	
mORF_-_3533485	3533485	3533520	-	5	36	TTG	TGA	0	0	
mORF_-_3533566	3533566	3533679	-	5	114	TTG	TAA	0	0	
mORF_-_3533574	3533574	3533591	-	4	18	TTG	TGA	0	0	
mORF_-_3533751	3533751	3534044	-	4	294	TTG	TAA	0	0	
mORF_-_3533806	3533806	3533856	-	5	51	TTG	TGA	0	0	
mORF_-_3533887	3533887	3534621	-	5	735	TTG	TGA	36	262	pORF_-_3533887
mORF_-_3534051	3534051	3534077	-	4	27	GTG	TGA	0	0	
mORF_-_3534099	3534099	3534194	-	4	96	TTG	TGA	0	0	
mORF_-_3534195	3534195	3534317	-	4	123	TTG	TAA	0	0	
mORF_-_3534360	3534360	3534428	-	4	69	GTG	TGA	0	0	
mORF_-_3534392	3534392	3534409	-	6	18	TTG	TAG	0	0	
mORF_-_3534438	3534438	3534470	-	4	33	GTG	TAA	0	0	
mORF_-_3534474	3534474	3534674	-	4	201	GTG	TGA	0	0	
mORF_-_3534572	3534572	3534634	-	6	63	TTG	TGA	0	0	
mORF_-_3534696	3534696	3535136	-	4	441	GTG	TGA	0	0	
mORF_-_3534709	3534709	3534714	-	5	6	TTG	TAA	0	0	
mORF_-_3534733	3534733	3534744	-	5	12	TTG	TAA	0	0	
mORF_-_3534782	3534782	3534877	-	6	96	TTG	TGA	0	0	
mORF_-_3534808	3534808	3534819	-	5	12	TTG	TGA	0	0	
mORF_-_3534890	3534890	3534922	-	6	33	GTG	TAA	0	0	
mORF_-_3534919	3534919	3534945	-	5	27	TTG	TGA	0	0	
mORF_-_3535022	3535022	3535051	-	6	30	TTG	TAG	0	0	
mORF_-_3535070	3535070	3535084	-	6	15	TTG	TGA	0	0	
mORF_-_3535181	3535181	3535186	-	6	6	ATG	TAA	0	0	
mORF_-_3535189	3535189	3535215	-	5	27	ATG	TAG	0	0	
mORF_-_3535288	3535288	3535344	-	5	57	ATG	TAG	0	0	
mORF_-_3535320	3535320	3535646	-	4	327	TTG	TAA	0	0	
mORF_-_3535400	3535400	3535432	-	6	33	ATG	TGA	0	0	
mORF_-_3535513	3535513	3535521	-	5	9	GTG	TAA	0	0	
mORF_-_3535523	3535523	3535558	-	6	36	GTG	TAA	0	0	
mORF_-_3535616	3535616	3535696	-	6	81	TTG	TGA	0	0	
mORF_-_3535689	3535689	3535754	-	4	66	TTG	TAG	0	0	
mORF_-_3535724	3535724	3535816	-	6	93	GTG	TAG	0	0	
mORF_-_3535732	3535732	3535836	-	5	105	GTG	TAG	0	0	

mORF_-_3535809	3535809	3536840	-	4	1032	TTG	TGA	0	0
mORF_-_3535844	3535844	3535873	-	6	30	TTG	TAA	0	0
mORF_-_3535981	3535981	3536136	-	5	156	GTG	TAG	0	0
mORF_-_3536039	3536039	3536056	-	6	18	GTG	TGA	0	0
mORF_-_3536111	3536111	3536155	-	6	45	TTG	TGA	0	0
mORF_-_3536162	3536162	3536182	-	6	21	ATG	TAG	0	0
mORF_-_3536186	3536186	3536476	-	6	291	ATG	TGA	0	0
mORF_-_3536260	3536260	3536328	-	5	69	TTG	TGA	0	0
mORF_-_3536329	3536329	3536502	-	5	174	TTG	TGA	0	0
mORF_-_3536477	3536477	3536488	-	6	12	GTG	TAA	0	0
mORF_-_3536650	3536650	3536697	-	5	48	GTG	TGA	0	0
mORF_-_3536816	3536816	3536965	-	6	150	ATG	TGA	0	0
mORF_-_3536922	3536922	3537011	-	4	90	TTG	TAA	0	0
mORF_-_3537005	3537005	3537073	-	6	69	ATG	TGA	0	0
mORF_-_3537015	3537015	3537443	-	4	429	GTG	TAA	0	0
mORF_-_3537103	3537103	3537165	-	5	63	GTG	TAG	0	0
mORF_-_3537122	3537122	3537265	-	6	144	TTG	TAG	0	0
mORF_-_3537304	3537304	3537339	-	5	36	TTG	TAA	0	0
mORF_-_3537314	3537314	3537394	-	6	81	TTG	TGA	0	0
mORF_-_3537388	3537388	3537453	-	5	66	ATG	TGA	0	0
mORF_-_3537440	3537440	3537505	-	6	66	ATG	TGA	0	0
mORF_-_3537450	3537450	3537761	-	4	312	GTG	TGA	0	0
mORF_-_3537536	3537536	3537718	-	6	183	TTG	TGA	0	0
mORF_-_3537559	3537559	3537897	-	5	339	ATG	TAG	0	0
mORF_-_3537743	3537743	3537796	-	6	54	ATG	TAG	0	0
mORF_-_3537786	3537786	3537803	-	4	18	TTG	TGA	0	0
mORF_-_3537852	3537852	3537887	-	4	36	TTG	TAA	0	0
mORF_-_3537894	3537894	3537908	-	4	15	TTG	TGA	0	0
mORF_-_3537917	3537917	3537949	-	6	33	GTG	TAA	0	0
mORF_-_3537921	3537921	3537998	-	4	78	ATG	TAA	0	0
mORF_-_3537958	3537958	3537990	-	5	33	GTG	TAA	0	0
mORF_-_3537992	3537992	3538036	-	6	45	ATG	TGA	0	0
mORF_-_3538011	3538011	3538034	-	4	24	GTG	TAA	0	0
mORF_-_3538015	3538015	3538125	-	5	111	ATG	TGA	0	0
mORF_-_3538038	3538038	3538073	-	4	36	ATG	TAA	0	0
mORF_-_3538089	3538089	3538115	-	4	27	ATG	TAA	0	0
mORF_-_3538122	3538122	3538145	-	4	24	ATG	TGA	0	0
mORF_-_3538133	3538133	3538330	-	6	198	ATG	TGA	0	0
mORF_-_3538153	3538153	3538182	-	5	30	GTG	TAA	0	0
mORF_-_3538161	3538161	3538256	-	4	96	TTG	TAA	0	0
mORF_-_3538237	3538237	3538248	-	5	12	ATG	TGA	0	0
mORF_-_3538278	3538278	3538334	-	4	57	ATG	TAA	0	0
mORF_-_3538294	3538294	3538317	-	5	24	GTG	TAA	0	0
mORF_-_3538331	3538331	3538369	-	6	39	TTG	TGA	0	0
mORF_-_3538386	3538386	3538499	-	4	114	GTG	TAA	0	0
mORF_-_3538409	3538409	3538480	-	6	72	TTG	TAA	0	0
mORF_-_3538496	3538496	3538507	-	6	12	GTG	TGA	0	0
mORF_-_3538504	3538504	3538578	-	5	75	ATG	TGA	0	0
mORF_-_3538509	3538509	3538571	-	4	63	GTG	TGA	0	0
mORF_-_3538578	3538578	3538607	-	4	30	GTG	TGA	0	0
mORF_-_3538583	3538583	3538630	-	6	48	ATG	TGA	0	0
mORF_-_3538608	3538608	3538625	-	4	18	ATG	TAG	0	0
mORF_-_3538627	3538627	3538665	-	5	39	GTG	TGA	0	0
mORF_-_3538665	3538665	3538907	-	4	243	TTG	TAG	0	0
mORF_-_3538715	3538715	3538879	-	6	165	TTG	TAG	0	0
mORF_-_3538744	3538744	3538812	-	5	69	TTG	TAG	0	0
mORF_-_3538876	3538876	3538956	-	5	81	ATG	TGA	0	0
mORF_-_3538931	3538931	3538963	-	6	33	GTG	TAG	0	0
mORF_-_3538956	3538956	3539015	-	4	60	ATG	TAA	0	0
mORF_-_3538973	3538973	3538996	-	6	24	TTG	TGA	0	0
mORF_-_3538987	3538987	3539157	-	5	171	GTG	TGA	0	0
mORF_-_3539079	3539079	3539159	-	4	81	ATG	TAG	0	0
mORF_-_3539172	3539172	3539333	-	4	162	ATG	TAA	0	0

mORF_-_3539377	3539377	3540120	-	5	744	ATG	TAG	0	0	
mORF_-_3539406	3539406	3539888	-	4	483	ATG	TAG	0	0	
mORF_-_3539468	3539468	3539677	-	6	210	GTG	TAA	0	0	
mORF_-_3539699	3539699	3539710	-	6	12	GTG	TGA	0	0	
mORF_-_3539885	3539885	3539914	-	6	30	GTG	TGA	0	0	
mORF_-_3539904	3539904	3540197	-	4	294	GTG	TGA	0	0	
mORF_-_3540101	3540101	3540139	-	6	39	TTG	TGA	0	0	
mORF_-_3540201	3540201	3540206	-	4	6	GTG	TAG	0	0	
mORF_-_3540219	3540219	3540350	-	4	132	TTG	TGA	0	0	
mORF_-_3540317	3540317	3540457	-	6	141	ATG	TAA	0	0	
mORF_-_3540426	3540426	3540518	-	4	93	ATG	TAG	0	0	
mORF_-_3540476	3540476	3540592	-	6	117	TTG	TAG	0	0	
mORF_-_3540544	3540544	3540759	-	5	216	GTG	TGA	0	0	
mORF_-_3540594	3540594	3540734	-	4	141	GTG	TAA	0	0	
mORF_-_3540641	3540641	3540694	-	6	54	TTG	TAA	0	0	
mORF_-_3540760	3540760	3540843	-	5	84	TTG	TAA	0	0	
mORF_-_3540764	3540764	3540883	-	6	120	TTG	TGA	0	0	
mORF_-_3540786	3540786	3541031	-	4	246	ATG	TAA	0	0	
mORF_-_3540847	3540847	3541164	-	5	318	ATG	TAA	0	0	
mORF_-_3540989	3540989	3541216	-	6	228	GTG	TAA	0	0	
mORF_-_3541125	3541125	3541256	-	4	132	GTG	TAG	0	0	
mORF_-_3541165	3541165	3541218	-	5	54	GTG	TGA	0	0	
mORF_-_3541229	3541229	3541291	-	6	63	GTG	TGA	0	0	
mORF_-_3541240	3541240	3541281	-	5	42	ATG	TAA	0	0	
mORF_-_3541278	3541278	3541295	-	4	18	ATG	TGA	0	0	
mORF_-_3541282	3541282	3541440	-	5	159	TTG	TAA	0	0	
mORF_-_3541296	3541296	3541325	-	4	30	TTG	TGA	0	0	
mORF_-_3541343	3541343	3541465	-	6	123	ATG	TAA	0	0	
mORF_-_3541368	3541368	3541418	-	4	51	ATG	TAG	0	0	
mORF_-_3541437	3541437	3541472	-	4	36	ATG	TGA	0	0	
mORF_-_3541447	3541447	3541698	-	5	252	GTG	TGA	0	0	
mORF_-_3541484	3541484	3541648	-	6	165	ATG	TAG	0	0	
mORF_-_3541503	3541503	3541523	-	4	21	TTG	TGA	0	0	
mORF_-_3541581	3541581	3541619	-	4	39	TTG	TAG	0	0	
mORF_-_3541635	3541635	3541691	-	4	57	ATG	TAA	0	0	
mORF_-_3541720	3541720	3541770	-	5	51	TTG	TAA	0	0	
mORF_-_3541740	3541740	3541817	-	4	78	TTG	TGA	0	0	
mORF_-_3541783	3541783	3541842	-	5	60	TTG	TAA	0	0	
mORF_-_3541830	3541830	3542018	-	4	189	ATG	TAA	0	0	
mORF_-_3541871	3541871	3541897	-	6	27	GTG	TAA	0	0	
mORF_-_3541894	3541894	3541905	-	5	12	GTG	TGA	0	0	
mORF_-_3541915	3541915	3541971	-	5	57	ATG	TAA	0	0	
mORF_-_3542024	3542024	3542095	-	6	72	GTG	TAA	0	0	
mORF_-_3542035	3542035	3542088	-	5	54	TTG	TGA	0	0	
mORF_-_3542085	3542085	3542204	-	4	120	TTG	TGA	0	0	
mORF_-_3542096	3542096	3542866	-	6	771	ATG	TAG	5	12	pORF_-_3542096
mORF_-_3542110	3542110	3542259	-	5	150	ATG	TGA	0	0	
mORF_-_3542317	3542317	3542349	-	5	33	TTG	TGA	0	0	
mORF_-_3542383	3542383	3542469	-	5	87	GTG	TGA	0	0	
mORF_-_3542466	3542466	3542519	-	4	54	GTG	TGA	0	0	
mORF_-_3542506	3542506	3542574	-	5	69	GTG	TAA	0	0	
mORF_-_3542532	3542532	3542636	-	4	105	TTG	TAG	0	0	
mORF_-_3542587	3542587	3542595	-	5	9	TTG	TAA	0	0	
mORF_-_3542629	3542629	3542793	-	5	165	ATG	TAG	0	0	
mORF_-_3542769	3542769	3542852	-	4	84	GTG	TGA	0	0	
mORF_-_3542794	3542794	3542829	-	5	36	ATG	TGA	0	0	
mORF_-_3542859	3542859	3542903	-	4	45	ATG	TAA	0	0	
mORF_-_3542863	3542863	3543039	-	5	177	GTG	TGA	0	0	
mORF_-_3542888	3542888	3542893	-	6	6	TTG	TAA	0	0	
mORF_-_3542952	3542952	3542960	-	4	9	ATG	TAA	0	0	
mORF_-_3542957	3542957	3543100	-	6	144	GTG	TGA	0	0	
mORF_-_3543009	3543009	3543020	-	4	12	TTG	TAA	0	0	
mORF_-_3543027	3543027	3543089	-	4	63	TTG	TAA	0	0	

mORF_-_3543110	3543110	3543250	-	6	141	ATG	TAG	0	0	
mORF_-_3543123	3543123	3543140	-	4	18	GTG	TAA	0	0	
mORF_-_3543145	3543145	3543186	-	5	42	GTG	TAA	0	0	
mORF_-_3543207	3543207	3543236	-	4	30	TTG	TAA	0	0	
mORF_-_3543264	3543264	3543281	-	4	18	GTG	TAA	0	0	
mORF_-_3543295	3543295	3543330	-	5	36	GTG	TAA	0	0	
mORF_-_3543317	3543317	3543616	-	6	300	TTG	TGA	0	0	
mORF_-_3543327	3543327	3543470	-	4	144	ATG	TGA	0	0	
mORF_-_3543364	3543364	3543375	-	5	12	GTG	TGA	0	0	
mORF_-_3543534	3543534	3543629	-	4	96	TTG	TAA	0	0	
mORF_-_3543607	3543607	3543717	-	5	111	TTG	TAA	0	0	
mORF_-_3543633	3543633	3543686	-	4	54	TTG	TAA	0	0	
mORF_-_3543644	3543644	3543715	-	6	72	GTG	TAG	0	0	
mORF_-_3543699	3543699	3543746	-	4	48	GTG	TGA	0	0	
mORF_-_3543749	3543749	3543859	-	6	111	ATG	TAG	0	0	
mORF_-_3543771	3543771	3544004	-	4	234	TTG	TAA	0	0	
mORF_-_3543887	3543887	3543961	-	6	75	GTG	TAA	0	0	
mORF_-_3543910	3543910	3544209	-	5	300	GTG	TAA	0	0	
mORF_-_3544001	3544001	3544009	-	6	9	GTG	TGA	0	0	
mORF_-_3544020	3544020	3544052	-	4	33	GTG	TGA	0	0	
mORF_-_3544062	3544062	3544187	-	4	126	GTG	TAA	0	0	
mORF_-_3544257	3544257	3544364	-	4	108	ATG	TAG	0	0	
mORF_-_3544265	3544265	3544321	-	6	57	TTG	TGA	0	0	
mORF_-_3544318	3544318	3544356	-	5	39	TTG	TGA	0	0	
mORF_-_3544374	3544374	3544439	-	4	66	ATG	TAA	0	0	
mORF_-_3544394	3544394	3544420	-	6	27	ATG	TGA	0	0	
mORF_-_3544421	3544421	3544450	-	6	30	ATG	TGA	0	0	
mORF_-_3544455	3544455	3544460	-	4	6	TTG	TAG	0	0	
mORF_-_3544470	3544470	3544556	-	4	87	ATG	TAA	0	0	
mORF_-_3544480	3544480	3544497	-	5	18	TTG	TGA	0	0	
mORF_-_3544535	3544535	3544870	-	6	336	ATG	TGA	0	0	
mORF_-_3544579	3544579	3544587	-	5	9	ATG	TGA	0	0	
mORF_-_3544689	3544689	3545330	-	4	642	GTG	TAA	0	0	
mORF_-_3544771	3544771	3544824	-	5	54	GTG	TGA	0	0	
mORF_-_3544919	3544919	3545083	-	6	165	TTG	TAG	0	0	
mORF_-_3544957	3544957	3545046	-	5	90	GTG	TAA	0	0	
mORF_-_3545116	3545116	3545190	-	5	75	TTG	TAG	0	0	
mORF_-_3545251	3545251	3545376	-	5	126	TTG	TGA	0	0	
mORF_-_3545327	3545327	3545407	-	6	81	GTG	TGA	0	0	
mORF_-_3545404	3545404	3545433	-	5	30	TTG	TGA	0	0	
mORF_-_3545430	3545430	3545990	-	4	561	ATG	TGA	0	0	
mORF_-_3545438	3545438	3545659	-	6	222	GTG	TGA	0	0	
mORF_-_3545515	3545515	3545655	-	5	141	TTG	TGA	0	0	
mORF_-_3545656	3545656	3545691	-	5	36	TTG	TGA	0	0	
mORF_-_3545753	3545753	3545845	-	6	93	ATG	TGA	0	0	
mORF_-_3545956	3545956	3546006	-	5	51	GTG	TAA	0	0	
mORF_-_3546008	3546008	3548092	-	6	2085	ATG	TAG	5	9	pORF_-_3546008
mORF_-_3546064	3546064	3546093	-	5	30	TTG	TGA	0	0	
mORF_-_3546193	3546193	3546237	-	5	45	GTG	TAG	0	0	
mORF_-_3546262	3546262	3546378	-	5	117	ATG	TGA	0	0	
mORF_-_3546273	3546273	3546299	-	4	27	TTG	TAA	0	0	
mORF_-_3546375	3546375	3546422	-	4	48	GTG	TGA	0	0	
mORF_-_3546409	3546409	3546579	-	5	171	TTG	TAA	0	0	
mORF_-_3546583	3546583	3546612	-	5	30	TTG	TAG	0	0	
mORF_-_3546613	3546613	3546711	-	5	99	ATG	TGA	0	0	
mORF_-_3546663	3546663	3546725	-	4	63	GTG	TGA	0	0	
mORF_-_3546742	3546742	3546897	-	5	156	TTG	TGA	0	0	
mORF_-_3546807	3546807	3546914	-	4	108	TTG	TGA	0	0	
mORF_-_3546907	3546907	3546948	-	5	42	GTG	TGA	0	0	
mORF_-_3546927	3546927	3546932	-	4	6	GTG	TGA	0	0	
mORF_-_3546955	3546955	3546999	-	5	45	ATG	TAG	0	0	
mORF_-_3546996	3546996	3547049	-	4	54	GTG	TGA	0	0	
mORF_-_3547009	3547009	3547080	-	5	72	GTG	TAA	0	0	

mORF_-_3547077	3547077	3547142	-	4	66	ATG	TGA	0	0	
mORF_-_3547174	3547174	3547275	-	5	102	GTG	TGA	0	0	
mORF_-_3547272	3547272	3547400	-	4	129	GTG	TGA	0	0	
mORF_-_3547318	3547318	3547437	-	5	120	TTG	TAA	0	0	
mORF_-_3547443	3547443	3547664	-	4	222	GTG	TAA	0	0	
mORF_-_3547459	3547459	3547464	-	5	6	ATG	TGA	0	0	
mORF_-_3547465	3547465	3547530	-	5	66	ATG	TGA	0	0	
mORF_-_3547540	3547540	3547659	-	5	120	GTG	TGA	0	0	
mORF_-_3547674	3547674	3547730	-	4	57	TTG	TAA	0	0	
mORF_-_3547678	3547678	3547719	-	5	42	TTG	TGA	0	0	
mORF_-_3547816	3547816	3547821	-	5	6	ATG	TAA	0	0	
mORF_-_3547852	3547852	3547926	-	5	75	ATG	TGA	0	0	
mORF_-_3547939	3547939	3548229	-	5	291	ATG	TAA	0	0	
mORF_-_3548102	3548102	3550495	-	6	2394	ATG	TAA	70	220	pORF_-_3548102
mORF_-_3548248	3548248	3548253	-	5	6	ATG	TAG	0	0	
mORF_-_3548272	3548272	3548331	-	5	60	ATG	TGA	0	0	
mORF_-_3548391	3548391	3548408	-	4	18	ATG	TAA	0	0	
mORF_-_3548443	3548443	3548547	-	5	105	ATG	TGA	0	0	
mORF_-_3548586	3548586	3548654	-	4	69	TTG	TAA	0	0	
mORF_-_3548677	3548677	3548691	-	5	15	TTG	TGA	0	0	
mORF_-_3548710	3548710	3548826	-	5	117	GTG	TGA	0	0	
mORF_-_3548863	3548863	3548934	-	5	72	TTG	TGA	0	0	
mORF_-_3548950	3548950	3549021	-	5	72	ATG	TGA	0	0	
mORF_-_3549060	3549060	3549068	-	4	9	GTG	TAA	0	0	
mORF_-_3549084	3549084	3549116	-	4	33	GTG	TAA	0	0	
mORF_-_3549156	3549156	3549317	-	4	162	GTG	TAA	0	0	
mORF_-_3549205	3549205	3549237	-	5	33	GTG	TGA	0	0	
mORF_-_3549241	3549241	3549327	-	5	87	ATG	TGA	0	0	
mORF_-_3549421	3549421	3549426	-	5	6	ATG	TGA	0	0	
mORF_-_3549451	3549451	3549504	-	5	54	ATG	TGA	0	0	
mORF_-_3549511	3549511	3549525	-	5	15	ATG	TGA	0	0	
mORF_-_3549615	3549615	3549668	-	4	54	GTG	TAA	0	0	
mORF_-_3549652	3549652	3549666	-	5	15	GTG	TAG	0	0	
mORF_-_3549739	3549739	3549786	-	5	48	GTG	TGA	0	0	
mORF_-_3549802	3549802	3549876	-	5	75	TTG	TGA	0	0	
mORF_-_3549807	3549807	3549836	-	4	30	GTG	TGA	0	0	
mORF_-_3549861	3549861	3549890	-	4	30	GTG	TAA	0	0	
mORF_-_3549937	3549937	3549951	-	5	15	TTG	TGA	0	0	
mORF_-_3549942	3549942	3549992	-	4	51	GTG	TAA	0	0	
mORF_-_3549955	3549955	3550068	-	5	114	ATG	TAG	0	0	
mORF_-_3550026	3550026	3550133	-	4	108	GTG	TGA	0	0	
mORF_-_3550078	3550078	3550155	-	5	78	GTG	TGA	0	0	
mORF_-_3550198	3550198	3550212	-	5	15	ATG	TGA	0	0	
mORF_-_3550219	3550219	3550236	-	5	18	ATG	TGA	0	0	
mORF_-_3550273	3550273	3550284	-	5	12	TTG	TGA	0	0	
mORF_-_3550285	3550285	3550377	-	5	93	GTG	TGA	0	0	
mORF_-_3550374	3550374	3550394	-	4	21	GTG	TGA	0	0	
mORF_-_3550410	3550410	3550442	-	4	33	GTG	TGA	0	0	
mORF_-_3550423	3550423	3550506	-	5	84	GTG	TAA	0	0	
mORF_-_3550512	3550512	3550652	-	4	141	GTG	TAA	0	0	
mORF_-_3550520	3550520	3550612	-	6	93	TTG	TGA	0	0	
mORF_-_3550582	3550582	3550632	-	5	51	GTG	TAA	0	0	
mORF_-_3550625	3550625	3550666	-	6	42	TTG	TGA	0	0	
mORF_-_3550639	3550639	3550647	-	5	9	TTG	TAG	0	0	
mORF_-_3550663	3550663	3550806	-	5	144	ATG	TGA	0	0	
mORF_-_3550668	3550668	3550676	-	4	9	TTG	TGA	0	0	
mORF_-_3550755	3550755	3550856	-	4	102	ATG	TAA	0	0	
mORF_-_3550840	3550840	3550920	-	5	81	GTG	TAA	0	0	
mORF_-_3550856	3550856	3550975	-	6	120	GTG	TGA	0	0	
mORF_-_3550881	3550881	3550901	-	4	21	ATG	TAA	0	0	
mORF_-_3550927	3550927	3551016	-	5	90	ATG	TGA	0	0	
mORF_-_3550950	3550950	3550994	-	4	45	ATG	TAA	0	0	
mORF_-_3550985	3550985	3551047	-	6	63	ATG	TGA	0	0	

mORF_-_3551016	3551016	3551219	-	4	204	GTG	TAA	0	0	
mORF_-_3551051	3551051	3551083	-	6	33	ATG	TAA	0	0	
mORF_-_3551105	3551105	3551122	-	6	18	TTG	TAG	0	0	
mORF_-_3551125	3551125	3551409	-	5	285	TTG	TAG	1	4	pORF_-_3551125
mORF_-_3551232	3551232	3551273	-	4	42	TTG	TAG	0	0	
mORF_-_3551334	3551334	3551366	-	4	33	TTG	TAG	0	0	
mORF_-_3551339	3551339	3551428	-	6	90	GTG	TGA	0	0	
mORF_-_3551370	3551370	3551447	-	4	78	ATG	TGA	0	0	
mORF_-_3551425	3551425	3551523	-	5	99	GTG	TGA	0	0	
mORF_-_3551444	3551444	3551473	-	6	30	GTG	TGA	0	0	
mORF_-_3551475	3551475	3551486	-	4	12	ATG	TAA	0	0	
mORF_-_3551496	3551496	3551507	-	4	12	GTG	TGA	0	0	
mORF_-_3551507	3551507	3551530	-	6	24	TTG	TAG	0	0	
mORF_-_3551527	3551527	3551553	-	5	27	TTG	TGA	0	0	
mORF_-_3551550	3551550	3551612	-	4	63	TTG	TGA	0	0	
mORF_-_3551564	3551564	3551662	-	6	99	ATG	TGA	0	0	
mORF_-_3551581	3551581	3551670	-	5	90	ATG	TGA	0	0	
mORF_-_3551663	3551663	3551827	-	6	165	GTG	TAA	0	0	
mORF_-_3551670	3551670	3551846	-	4	177	TTG	TGA	0	0	
mORF_-_3551776	3551776	3551808	-	5	33	GTG	TAG	0	0	
mORF_-_3551809	3551809	3551913	-	5	105	ATG	TGA	0	0	
mORF_-_3551843	3551843	3551944	-	6	102	TTG	TGA	0	0	
mORF_-_3551865	3551865	3551963	-	4	99	GTG	TAA	0	0	
mORF_-_3551941	3551941	3551991	-	5	51	TTG	TGA	0	0	
mORF_-_3551960	3551960	3552187	-	6	228	TTG	TGA	0	0	
mORF_-_3552028	3552028	3552267	-	5	240	ATG	TAA	0	0	
mORF_-_3552243	3552243	3552263	-	4	21	TTG	TGA	0	0	
mORF_-_3552343	3552343	3552375	-	5	33	ATG	TAA	0	0	
mORF_-_3552378	3552378	3552446	-	4	69	ATG	TAG	0	0	
mORF_-_3552400	3552400	3552603	-	5	204	GTG	TAG	0	0	
mORF_-_3552485	3552485	3552769	-	6	285	ATG	TAA	0	0	
mORF_-_3552558	3552558	3552608	-	4	51	TTG	TAG	0	0	
mORF_-_3552634	3552634	3552681	-	5	48	GTG	TAG	0	0	
mORF_-_3552681	3552681	3552830	-	4	150	ATG	TAG	0	0	
mORF_-_3552697	3552697	3552813	-	5	117	ATG	TAA	0	0	
mORF_-_3552779	3552779	3552946	-	6	168	TTG	TGA	1	2	pORF_-_3552779
mORF_-_3552844	3552844	3552957	-	5	114	TTG	TAA	0	0	
mORF_-_3552954	3552954	3553034	-	4	81	TTG	TGA	0	0	
mORF_-_3552979	3552979	3553314	-	5	336	TTG	TAA	0	0	
mORF_-_3553038	3553038	3553067	-	4	30	TTG	TGA	0	0	
mORF_-_3553080	3553080	3553118	-	4	39	TTG	TAA	0	0	
mORF_-_3553128	3553128	3553157	-	4	30	TTG	TGA	0	0	
mORF_-_3553136	3553136	3553198	-	6	63	GTG	TAG	0	0	
mORF_-_3553173	3553173	3553289	-	4	117	TTG	TGA	0	0	
mORF_-_3553307	3553307	3553369	-	6	63	ATG	TAA	0	0	
mORF_-_3553311	3553311	3553412	-	4	102	ATG	TGA	0	0	
mORF_-_3553369	3553369	3553542	-	5	174	ATG	TAA	0	0	
mORF_-_3553452	3553452	3553514	-	4	63	TTG	TGA	0	0	
mORF_-_3553511	3553511	3553699	-	6	189	TTG	TGA	0	0	
mORF_-_3553570	3553570	3553782	-	5	213	TTG	TAG	0	0	
mORF_-_3553575	3553575	3553604	-	4	30	GTG	TGA	0	0	
mORF_-_3553656	3553656	3553724	-	4	69	TTG	TAA	0	0	
mORF_-_3553706	3553706	3553858	-	6	153	ATG	TGA	0	0	
mORF_-_3553842	3553842	3553862	-	4	21	TTG	TAA	0	0	
mORF_-_3553855	3553855	3554874	-	5	1020	ATG	TGA	0	0	
mORF_-_3553875	3553875	3553883	-	4	9	ATG	TAA	0	0	
mORF_-_3553898	3553898	3553954	-	6	57	ATG	TAG	0	0	
mORF_-_3553941	3553941	3554021	-	4	81	TTG	TGA	0	0	
mORF_-_3554070	3554070	3554276	-	4	207	GTG	TGA	0	0	
mORF_-_3554280	3554280	3554378	-	4	99	GTG	TAG	0	0	
mORF_-_3554511	3554511	3554603	-	4	93	TTG	TGA	0	0	
mORF_-_3554516	3554516	3554581	-	4	66	TTG	TGA	0	0	
mORF_-_3554591	3554591	3554890	-	6	300	GTG	TAG	0	0	

mORF_-_3554715	3554715	3554756	-	4	42	GTG	TGA	0	0	
mORF_-_3554802	3554802	3554858	-	4	57	TTG	TGA	0	0	
mORF_-_3554875	3554875	3556101	-	5	1227	ATG	TAA	0	0	
mORF_-_3554943	3554943	3554954	-	4	12	TTG	TGA	0	0	
mORF_-_3554985	3554985	3555026	-	4	42	GTG	TGA	0	0	
mORF_-_3554999	3554999	3555007	-	6	9	ATG	TAA	0	0	
mORF_-_3555062	3555062	3555100	-	6	39	GTG	TAA	0	0	
mORF_-_3555075	3555075	3555188	-	4	114	GTG	TAA	0	0	
mORF_-_3555213	3555213	3555254	-	4	42	ATG	TGA	0	0	
mORF_-_3555351	3555351	3555377	-	4	27	TTG	TGA	0	0	
mORF_-_3555402	3555402	3555593	-	4	192	TTG	TGA	0	0	
mORF_-_3555524	3555524	3555562	-	6	39	GTG	TAA	0	0	
mORF_-_3555635	3555635	3555676	-	6	42	GTG	TAA	0	0	
mORF_-_3555669	3555669	3555794	-	4	126	TTG	TAA	0	0	
mORF_-_3555695	3555695	3555703	-	6	9	ATG	TGA	0	0	
mORF_-_3555752	3555752	3555757	-	6	6	TTG	TAA	0	0	
mORF_-_3555861	3555861	3555875	-	4	15	TTG	TGA	0	0	
mORF_-_3555921	3555921	3555959	-	4	39	ATG	TGA	0	0	
mORF_-_3555966	3555966	3556028	-	4	63	ATG	TAA	0	0	
mORF_-_3556007	3556007	3556057	-	6	51	GTG	TAA	0	0	
mORF_-_3556062	3556062	3556073	-	4	12	ATG	TAA	0	0	
mORF_-_3556076	3556076	3556144	-	6	69	TTG	TGA	0	0	
mORF_-_3556182	3556182	3556247	-	4	66	TTG	TAA	0	0	
mORF_-_3556285	3556285	3556380	-	5	96	GTG	TAG	0	0	
mORF_-_3556352	3556352	3556411	-	6	60	ATG	TGA	0	0	
mORF_-_3556386	3556386	3556433	-	4	48	GTG	TAA	0	0	
mORF_-_3556452	3556452	3556568	-	4	117	ATG	TAG	0	0	
mORF_-_3556614	3556614	3556703	-	4	90	TTG	TAA	0	0	
mORF_-_3556619	3556619	3556630	-	6	12	GTG	TGA	0	0	
mORF_-_3556624	3556624	3556710	-	5	87	GTG	TGA	0	0	
mORF_-_3556679	3556679	3556720	-	6	42	TTG	TAA	0	0	
mORF_-_3556770	3556770	3556865	-	4	96	GTG	TAA	0	0	
mORF_-_3556778	3556778	3556972	-	6	195	ATG	TAA	0	0	
mORF_-_3556927	3556927	3556956	-	5	30	ATG	TAA	0	0	
mORF_-_3556980	3556980	3557075	-	4	96	ATG	TAA	0	0	
mORF_-_3556997	3556997	3557056	-	6	60	ATG	TGA	0	0	
mORF_-_3557072	3557072	3557206	-	6	135	ATG	TGA	0	0	
mORF_-_3557089	3557089	3557190	-	5	102	TTG	TAA	0	0	
mORF_-_3557261	3557261	3557359	-	6	99	GTG	TGA	0	0	
mORF_-_3557356	3557356	3557433	-	5	78	GTG	TGA	0	0	
mORF_-_3557370	3557370	3557426	-	4	57	GTG	TAG	0	0	
mORF_-_3557408	3557408	3557584	-	6	177	GTG	TAA	0	0	
mORF_-_3557430	3557430	3557717	-	4	288	GTG	TGA	0	0	
mORF_-_3557455	3557455	3557511	-	5	57	ATG	TAA	0	0	
mORF_-_3557621	3557621	3557827	-	6	207	TTG	TAG	0	0	
mORF_-_3557725	3557725	3557742	-	5	18	TTG	TAG	0	0	
mORF_-_3557820	3557820	3557876	-	4	57	GTG	TAG	0	0	
mORF_-_3557870	3557870	3558628	-	6	759	ATG	TGA	13	44	pORF_-_3557870
mORF_-_3557920	3557920	3557952	-	5	33	ATG	TAA	0	0	
mORF_-_3557953	3557953	3558042	-	5	90	TTG	TAG	0	0	
mORF_-_3558112	3558112	3558207	-	5	96	GTG	TAA	0	0	
mORF_-_3558241	3558241	3558276	-	5	36	TTG	TGA	0	0	
mORF_-_3558249	3558249	3558431	-	4	183	GTG	TAA	0	0	
mORF_-_3558310	3558310	3558471	-	5	162	ATG	TAG	0	0	
mORF_-_3558484	3558484	3558507	-	5	24	ATG	TGA	0	0	
mORF_-_3558550	3558550	3558573	-	5	24	ATG	TAG	0	0	
mORF_-_3558629	3558629	3558679	-	6	51	TTG	TAA	0	0	
mORF_-_3558645	3558645	3559475	-	4	831	ATG	TAA	2	0	pORF_-_3558645
mORF_-_3558701	3558701	3558766	-	6	66	TTG	TAG	0	0	
mORF_-_3558748	3558748	3558891	-	5	144	GTG	TGA	0	0	
mORF_-_3558773	3558773	3558781	-	6	9	TTG	TGA	0	0	
mORF_-_3558788	3558788	3558835	-	6	48	GTG	TAA	0	0	
mORF_-_3558854	3558854	3558916	-	6	63	ATG	TGA	0	0	

mORF_-_3558923	3558923	3558952	-	6	30	TTG	TAA	0	0	
mORF_-_3558953	3558953	3558988	-	6	36	GTG	TAA	0	0	
mORF_-_3558964	3558964	3559005	-	5	42	GTG	TAG	0	0	
mORF_-_3559046	3559046	3559078	-	6	33	TTG	TAA	0	0	
mORF_-_3559075	3559075	3559113	-	5	39	ATG	TGA	0	0	
mORF_-_3559118	3559118	3559150	-	6	33	TTG	TGA	0	0	
mORF_-_3559187	3559187	3559456	-	6	270	TTG	TAA	0	0	
mORF_-_3559450	3559450	3559596	-	5	147	ATG	TAA	0	0	
mORF_-_3559469	3559469	3559498	-	6	30	GTG	TGA	0	0	
mORF_-_3559488	3559488	3559496	-	4	9	GTG	TAA	0	0	
mORF_-_3559520	3559520	3559870	-	6	351	TTG	TAA	1	6	pORF_-_3559520
mORF_-_3559638	3559638	3559655	-	4	18	GTG	TAG	0	0	
mORF_-_3559663	3559663	3559689	-	5	27	GTG	TGA	0	0	
mORF_-_3559717	3559717	3559821	-	5	105	TTG	TAA	0	0	
mORF_-_3559824	3559824	3559832	-	4	9	ATG	TAA	0	0	
mORF_-_3559861	3559861	3559932	-	5	72	ATG	TAA	0	0	
mORF_-_3559881	3559881	3559889	-	4	9	GTG	TAA	0	0	
mORF_-_3559893	3559893	3559955	-	4	63	TTG	TAA	0	0	
mORF_-_3559939	3559939	3560181	-	5	243	ATG	TAG	0	0	
mORF_-_3559958	3559958	3560002	-	6	45	ATG	TAA	0	0	
mORF_-_3560073	3560073	3560174	-	4	102	TTG	TGA	0	0	
mORF_-_3560171	3560171	3560365	-	6	195	ATG	TGA	0	0	
mORF_-_3560209	3560209	3560343	-	5	135	ATG	TAG	0	0	
mORF_-_3560226	3560226	3560306	-	4	81	GTG	TGA	0	0	
mORF_-_3560352	3560352	3560417	-	4	66	TTG	TAA	0	0	
mORF_-_3560362	3560362	3560652	-	5	291	GTG	TGA	0	0	
mORF_-_3560426	3560426	3560932	-	6	507	GTG	TAA	0	0	
mORF_-_3560704	3560704	3560724	-	5	21	TTG	TAA	0	0	
mORF_-_3560770	3560770	3560904	-	5	135	TTG	TAG	0	0	
mORF_-_3560905	3560905	3560928	-	5	24	GTG	TAA	0	0	
mORF_-_3560945	3560945	3561127	-	6	183	ATG	TAA	0	0	
mORF_-_3561024	3561024	3561449	-	4	426	TTG	TAA	0	0	
mORF_-_3561034	3561034	3561039	-	5	6	GTG	TAA	0	0	
mORF_-_3561049	3561049	3561105	-	5	57	GTG	TGA	0	0	
mORF_-_3561154	3561154	3561207	-	5	54	ATG	TGA	0	0	
mORF_-_3561191	3561191	3561454	-	6	264	TTG	TAG	0	0	
mORF_-_3561283	3561283	3561294	-	5	12	GTG	TAA	0	0	
mORF_-_3561295	3561295	3561327	-	5	33	TTG	TAA	0	0	
mORF_-_3561403	3561403	3561459	-	5	57	ATG	TGA	0	0	
mORF_-_3561464	3561464	3561481	-	6	18	TTG	TAG	0	0	
mORF_-_3561543	3561543	3561572	-	4	30	TTG	TAA	0	0	
mORF_-_3561562	3561562	3561717	-	5	156	GTG	TGA	0	0	
mORF_-_3561569	3561569	3561697	-	6	129	ATG	TGA	0	0	
mORF_-_3561639	3561639	3561662	-	4	24	ATG	TAA	0	0	
mORF_-_3561687	3561687	3561725	-	4	39	TTG	TGA	0	0	
mORF_-_3561747	3561747	3562040	-	4	294	ATG	TGA	0	0	
mORF_-_3561755	3561755	3561784	-	6	30	TTG	TAA	0	0	
mORF_-_3561775	3561775	3561792	-	5	18	TTG	TGA	0	0	
mORF_-_3561833	3561833	3561943	-	6	111	TTG	TAA	0	0	
mORF_-_3561898	3561898	3561903	-	5	6	TTG	TAA	0	0	
mORF_-_3561907	3561907	3562014	-	5	108	ATG	TGA	0	0	
mORF_-_3562059	3562059	3562094	-	4	36	GTG	TAA	0	0	
mORF_-_3562157	3562157	3564604	-	6	2448	ATG	TAA	29	80	pORF_-_3562157
mORF_-_3562165	3562165	3562242	-	5	78	TTG	TGA	0	0	
mORF_-_3562215	3562215	3562268	-	4	54	GTG	TGA	0	0	
mORF_-_3562246	3562246	3562317	-	5	72	ATG	TGA	0	0	
mORF_-_3562299	3562299	3562310	-	4	12	TTG	TAA	0	0	
mORF_-_3562363	3562363	3562416	-	5	54	GTG	TGA	0	0	
mORF_-_3562432	3562432	3562578	-	5	147	GTG	TGA	0	0	
mORF_-_3562597	3562597	3562617	-	5	21	TTG	TGA	0	0	
mORF_-_3562738	3562738	3562752	-	5	15	TTG	TGA	0	0	
mORF_-_3562780	3562780	3562788	-	5	9	ATG	TAG	0	0	
mORF_-_3562792	3562792	3562845	-	5	54	TTG	TGA	0	0	

mORF_-_3562836	3562836	3562868	-	4	33	GTG	TAA	0	0	
mORF_-_3562852	3562852	3562875	-	5	24	ATG	TGA	0	0	
mORF_-_3562909	3562909	3562923	-	5	15	ATG	TGA	0	0	
mORF_-_3562927	3562927	3562968	-	5	42	ATG	TGA	0	0	
mORF_-_3562987	3562987	3562998	-	5	12	ATG	TGA	0	0	
mORF_-_3562999	3562999	3563103	-	5	105	ATG	TGA	0	0	
mORF_-_3563200	3563200	3563256	-	5	57	TTG	TGA	0	0	
mORF_-_3563272	3563272	3563298	-	5	27	GTG	TGA	0	0	
mORF_-_3563314	3563314	3563367	-	5	54	TTG	TGA	0	0	
mORF_-_3563425	3563425	3563493	-	5	69	TTG	TGA	0	0	
mORF_-_3563521	3563521	3563595	-	5	75	ATG	TGA	0	0	
mORF_-_3563532	3563532	3563558	-	4	27	GTG	TAA	0	0	
mORF_-_3563611	3563611	3563646	-	5	36	ATG	TGA	0	0	
mORF_-_3563710	3563710	3563901	-	5	192	GTG	TAA	0	0	
mORF_-_3563886	3563886	3563906	-	4	21	GTG	TAG	0	0	
mORF_-_3563947	3563947	3564153	-	5	207	ATG	TAA	0	0	
mORF_-_3564039	3564039	3564071	-	4	33	GTG	TAA	0	0	
mORF_-_3564184	3564184	3564267	-	5	84	TTG	TAG	0	0	
mORF_-_3564201	3564201	3564212	-	4	12	TTG	TGA	0	0	
mORF_-_3564264	3564264	3564485	-	4	222	ATG	TGA	1	2	pORF_-_3564264
mORF_-_3564283	3564283	3564315	-	5	33	ATG	TAA	0	0	
mORF_-_3564328	3564328	3564363	-	5	36	TTG	TAG	0	0	
mORF_-_3564364	3564364	3564465	-	5	102	TTG	TGA	0	0	
mORF_-_3564478	3564478	3564519	-	5	42	TTG	TGA	0	0	
mORF_-_3564562	3564562	3564600	-	5	39	ATG	TAG	0	0	
mORF_-_3564623	3564623	3566056	-	6	1434	ATG	TAG	26	105	pORF_-_3564623
mORF_-_3564628	3564628	3564861	-	5	234	GTG	TGA	0	0	
mORF_-_3564675	3564675	3564734	-	4	60	GTG	TAG	0	0	
mORF_-_3564849	3564849	3564923	-	4	75	GTG	TGA	0	0	
mORF_-_3564895	3564895	3564903	-	5	9	ATG	TGA	0	0	
mORF_-_3564913	3564913	3565041	-	5	129	TTG	TAA	0	0	
mORF_-_3565162	3565162	3565194	-	5	33	TTG	TGA	0	0	
mORF_-_3565321	3565321	3565446	-	5	126	ATG	TGA	0	0	
mORF_-_3565462	3565462	3565533	-	5	72	ATG	TGA	0	0	
mORF_-_3565503	3565503	3565517	-	4	15	ATG	TAA	0	0	
mORF_-_3565534	3565534	3565812	-	5	279	TTG	TGA	0	0	
mORF_-_3565683	3565683	3565715	-	4	33	GTG	TGA	0	0	
mORF_-_3565813	3565813	3565878	-	5	66	GTG	TGA	0	0	
mORF_-_3565888	3565888	3565899	-	5	12	ATG	TAG	0	0	
mORF_-_3565903	3565903	3566043	-	5	141	ATG	TGA	0	0	
mORF_-_3566013	3566013	3566039	-	4	27	ATG	TAA	0	0	
mORF_-_3566056	3566056	3567387	-	5	1332	GTG	TAA	37	145	pORF_-_3566056
mORF_-_3566100	3566100	3566165	-	4	66	TTG	TAA	0	0	
mORF_-_3566159	3566159	3566239	-	6	81	ATG	TGA	0	0	
mORF_-_3566166	3566166	3566195	-	4	30	GTG	TGA	0	0	
mORF_-_3566232	3566232	3566267	-	4	36	TTG	TAG	0	0	
mORF_-_3566264	3566264	3566341	-	6	78	TTG	TGA	0	0	
mORF_-_3566334	3566334	3566339	-	4	6	GTG	TGA	0	0	
mORF_-_3566367	3566367	3566588	-	4	222	ATG	TGA	0	0	
mORF_-_3566420	3566420	3566566	-	6	147	TTG	TGA	0	0	
mORF_-_3566619	3566619	3566858	-	4	240	TTG	TGA	0	0	
mORF_-_3566834	3566834	3566866	-	6	33	TTG	TGA	0	0	
mORF_-_3566940	3566940	3566996	-	4	57	ATG	TGA	0	0	
mORF_-_3567027	3567027	3567059	-	4	33	TTG	TGA	0	0	
mORF_-_3567066	3567066	3567077	-	4	12	ATG	TGA	0	0	
mORF_-_3567138	3567138	3567185	-	4	48	TTG	TGA	0	0	
mORF_-_3567252	3567252	3567266	-	4	15	GTG	TGA	0	0	
mORF_-_3567282	3567282	3567290	-	4	9	TTG	TGA	0	0	
mORF_-_3567344	3567344	3567385	-	6	42	GTG	TAG	0	0	
mORF_-_3567369	3567369	3569342	-	4	1974	ATG	TGA	7	28	pORF_-_3567369
mORF_-_3567422	3567422	3567484	-	6	63	TTG	TGA	0	0	
mORF_-_3567430	3567430	3567465	-	5	36	GTG	TAA	0	0	
mORF_-_3567491	3567491	3567499	-	6	9	TTG	TAA	0	0	

mORF_-_3567508	3567508	3567570	-	5	63	GTG	TAA	0	0	
mORF_-_3567518	3567518	3567574	-	6	57	ATG	TGA	0	0	
mORF_-_3567571	3567571	3567636	-	5	66	GTG	TGA	0	0	
mORF_-_3567581	3567581	3567595	-	6	15	ATG	TAA	0	0	
mORF_-_3567602	3567602	3567616	-	6	15	ATG	TAA	0	0	
mORF_-_3567701	3567701	3567709	-	6	9	GTG	TAA	0	0	
mORF_-_3567737	3567737	3567799	-	6	63	GTG	TAA	0	0	
mORF_-_3567842	3567842	3567886	-	6	45	TTG	TAA	0	0	
mORF_-_3567896	3567896	3568237	-	6	342	TTG	TAG	0	0	
mORF_-_3567976	3567976	3567990	-	5	15	TTG	TAA	0	0	
mORF_-_3568120	3568120	3568227	-	5	108	GTG	TGA	0	0	
mORF_-_3568244	3568244	3568351	-	6	108	ATG	TGA	0	0	
mORF_-_3568336	3568336	3568479	-	5	144	TTG	TGA	0	0	
mORF_-_3568367	3568367	3568396	-	6	30	ATG	TAG	0	0	
mORF_-_3568472	3568472	3568663	-	6	192	TTG	TAA	0	0	
mORF_-_3568697	3568697	3568732	-	6	36	TTG	TAA	0	0	
mORF_-_3568793	3568793	3568825	-	6	33	GTG	TGA	0	0	
mORF_-_3568859	3568859	3568945	-	6	87	TTG	TAA	0	0	
mORF_-_3568879	3568879	3568902	-	5	24	GTG	TGA	0	0	
mORF_-_3568942	3568942	3568959	-	5	18	ATG	TGA	0	0	
mORF_-_3568952	3568952	3569065	-	6	114	TTG	TAG	0	0	
mORF_-_3569041	3569041	3569058	-	5	18	TTG	TGA	0	0	
mORF_-_3569066	3569066	3569236	-	6	171	GTG	TGA	0	0	
mORF_-_3569083	3569083	3569175	-	5	93	TTG	TAA	0	0	
mORF_-_3569227	3569227	3569238	-	5	12	GTG	TGA	0	0	
mORF_-_3569243	3569243	3569326	-	6	84	TTG	TAG	0	0	
mORF_-_3569339	3569339	3571525	-	6	2187	ATG	TGA	31	95	pORF_-_3569339
mORF_-_3569392	3569392	3569499	-	5	108	GTG	TAA	0	0	
mORF_-_3569496	3569496	3569504	-	4	9	ATG	TGA	0	0	
mORF_-_3569518	3569518	3569604	-	5	87	TTG	TAA	0	0	
mORF_-_3569608	3569608	3569676	-	5	69	ATG	TGA	0	0	
mORF_-_3569628	3569628	3569645	-	4	18	ATG	TGA	0	0	
mORF_-_3569707	3569707	3569952	-	5	246	ATG	TGA	0	0	
mORF_-_3569784	3569784	3569795	-	4	12	GTG	TGA	0	0	
mORF_-_3569817	3569817	3569897	-	4	81	ATG	TAA	0	0	
mORF_-_3570046	3570046	3570066	-	5	21	ATG	TGA	0	0	
mORF_-_3570063	3570063	3570086	-	4	24	GTG	TGA	0	0	
mORF_-_3570163	3570163	3570246	-	5	84	TTG	TGA	0	0	
mORF_-_3570225	3570225	3570263	-	4	39	GTG	TGA	0	0	
mORF_-_3570295	3570295	3570396	-	5	102	ATG	TGA	0	0	
mORF_-_3570406	3570406	3570495	-	5	90	ATG	TGA	0	0	
mORF_-_3570535	3570535	3570702	-	5	168	ATG	TGA	0	0	
mORF_-_3570558	3570558	3570635	-	4	78	TTG	TGA	0	0	
mORF_-_3570657	3570657	3570695	-	4	39	ATG	TAA	0	0	
mORF_-_3570736	3570736	3570909	-	5	174	ATG	TGA	0	0	
mORF_-_3570834	3570834	3570866	-	4	33	TTG	TGA	0	0	
mORF_-_3570922	3570922	3570948	-	5	27	TTG	TGA	0	0	
mORF_-_3570949	3570949	3571143	-	5	195	ATG	TGA	0	0	
mORF_-_3571150	3571150	3571200	-	5	51	ATG	TAG	0	0	
mORF_-_3571213	3571213	3571242	-	5	30	TTG	TAA	0	0	
mORF_-_3571243	3571243	3571380	-	5	138	TTG	TGA	0	0	
mORF_-_3571317	3571317	3571343	-	4	27	GTG	TAG	0	0	
mORF_-_3571377	3571377	3571388	-	4	12	GTG	TGA	0	0	
mORF_-_3571381	3571381	3571485	-	5	105	TTG	TGA	0	0	
mORF_-_3571506	3571506	3571643	-	4	138	GTG	TAG	0	0	
mORF_-_3571541	3571541	3571561	-	6	21	TTG	TAA	0	0	
mORF_-_3571549	3571549	3571623	-	5	75	ATG	TGA	0	0	
mORF_-_3571645	3571645	3571680	-	5	36	GTG	TGA	0	0	
mORF_-_3571683	3571683	3571724	-	4	42	ATG	TAA	0	0	
mORF_-_3571702	3571702	3571731	-	5	30	ATG	TAG	0	0	
mORF_-_3571721	3571721	3571771	-	6	51	ATG	TGA	0	0	
mORF_-_3571784	3571784	3571846	-	6	63	GTG	TAA	0	0	
mORF_-_3571798	3571798	3573024	-	5	1227	ATG	TAA	136	4413	pORF_-_3571798

mORF_-_3571953	3571953	3572048	-	4	96	ATG	TAA	0	0	
mORF_-_3571958	3571958	3572002	-	6	45	GTG	TGA	0	0	
mORF_-_3572055	3572055	3572117	-	4	63	ATG	TGA	0	0	
mORF_-_3572060	3572060	3572176	-	6	117	GTG	TAA	0	0	
mORF_-_3572195	3572195	3572218	-	6	24	GTG	TAA	0	0	
mORF_-_3572223	3572223	3572270	-	4	48	GTG	TGA	0	0	
mORF_-_3572280	3572280	3572354	-	4	75	ATG	TAA	0	0	
mORF_-_3572373	3572373	3572468	-	4	96	GTG	TAA	0	0	
mORF_-_3572381	3572381	3572440	-	6	60	TTG	TGA	0	0	
mORF_-_3572490	3572490	3572528	-	4	39	ATG	TAA	0	0	
mORF_-_3572532	3572532	3572588	-	4	57	ATG	TAA	0	0	
mORF_-_3572592	3572592	3572645	-	4	54	GTG	TGA	0	0	
mORF_-_3572615	3572615	3572635	-	6	21	ATG	TGA	0	0	
mORF_-_3572691	3572691	3572696	-	4	6	TTG	TGA	0	0	
mORF_-_3572712	3572712	3572894	-	4	183	ATG	TAA	0	0	
mORF_-_3572834	3572834	3572962	-	6	129	ATG	TGA	0	0	
mORF_-_3572898	3572898	3572987	-	4	90	TTG	TGA	0	0	
mORF_-_3572966	3572966	3572995	-	6	30	TTG	TGA	0	0	
mORF_-_3573024	3573024	3573074	-	4	51	TTG	TGA	0	0	
mORF_-_3573078	3573078	3573461	-	4	384	GTG	TGA	0	0	
mORF_-_3573154	3573154	3573183	-	5	30	ATG	TAG	0	0	
mORF_-_3573164	3573164	3573208	-	6	45	TTG	TGA	0	0	
mORF_-_3573227	3573227	3573283	-	6	57	ATG	TAA	0	0	
mORF_-_3573347	3573347	3573409	-	6	63	ATG	TAA	0	0	
mORF_-_3573410	3573410	3573427	-	6	18	TTG	TAA	0	0	
mORF_-_3573433	3573433	3573504	-	5	72	ATG	TAA	0	0	
mORF_-_3573492	3573492	3573665	-	4	174	ATG	TGA	0	0	
mORF_-_3573545	3573545	3573724	-	6	180	GTG	TGA	0	0	
mORF_-_3573721	3573721	3573726	-	5	6	TTG	TGA	0	0	
mORF_-_3573727	3573727	3573741	-	5	15	TTG	TAG	0	0	
mORF_-_3573744	3573744	3575084	-	4	1341	GTG	TAA	0	0	
mORF_-_3573749	3573749	3573766	-	6	18	TTG	TGA	0	0	
mORF_-_3573767	3573767	3573784	-	6	18	GTG	TGA	0	0	
mORF_-_3573824	3573824	3573946	-	6	123	GTG	TGA	0	0	
mORF_-_3573883	3573883	3573921	-	5	39	TTG	TAA	0	0	
mORF_-_3573956	3573956	3573967	-	6	12	TTG	TGA	0	0	
mORF_-_3574004	3574004	3574066	-	6	63	TTG	TAG	0	0	
mORF_-_3574109	3574109	3574156	-	6	48	TTG	TAG	0	0	
mORF_-_3574120	3574120	3574266	-	5	147	TTG	TGA	0	0	
mORF_-_3574208	3574208	3574351	-	6	144	TTG	TGA	0	0	
mORF_-_3574303	3574303	3574311	-	5	9	ATG	TGA	0	0	
mORF_-_3574388	3574388	3574510	-	6	123	TTG	TGA	0	0	
mORF_-_3574489	3574489	3574536	-	5	48	GTG	TAA	0	0	
mORF_-_3574514	3574514	3574543	-	6	30	TTG	TGA	0	0	
mORF_-_3574550	3574550	3574570	-	6	21	ATG	TGA	0	0	
mORF_-_3574571	3574571	3574642	-	6	72	TTG	TGA	0	0	
mORF_-_3574661	3574661	3574702	-	6	42	TTG	TGA	0	0	
mORF_-_3574718	3574718	3574882	-	6	165	TTG	TAG	0	0	
mORF_-_3575060	3575060	3575068	-	6	9	TTG	TAA	0	0	
mORF_-_3575084	3575084	3575203	-	6	120	TTG	TAG	0	0	
mORF_-_3575088	3575088	3575636	-	4	549	TTG	TAA	2	6	pORF_-_3575088
mORF_-_3575252	3575252	3575266	-	6	15	TTG	TGA	0	0	
mORF_-_3575267	3575267	3575275	-	6	9	TTG	TGA	0	0	
mORF_-_3575285	3575285	3575320	-	6	36	GTG	TGA	0	0	
mORF_-_3575363	3575363	3575395	-	6	33	TTG	TGA	0	0	
mORF_-_3575377	3575377	3575424	-	5	48	GTG	TAA	0	0	
mORF_-_3575408	3575408	3575443	-	6	36	ATG	TGA	0	0	
mORF_-_3575444	3575444	3575539	-	6	96	GTG	TGA	0	0	
mORF_-_3575576	3575576	3575599	-	6	24	ATG	TGA	0	0	
mORF_-_3575602	3575602	3575631	-	5	30	TTG	TAA	0	0	
mORF_-_3575612	3575612	3575701	-	6	90	TTG	TGA	0	0	
mORF_-_3575649	3575649	3575708	-	4	60	ATG	TAA	0	0	
mORF_-_3575692	3575692	3575712	-	5	21	ATG	TGA	0	0	

mORF_-_3575735	3575735	3575743	-	6	9	TTG	TAG	0	0	
mORF_-_3575754	3575754	3576749	-	4	996	ATG	TAA	10	42	pORF_-_3575754
mORF_-_3575807	3575807	3575869	-	6	63	GTG	TGA	0	0	
mORF_-_3575876	3575876	3575890	-	6	15	TTG	TGA	0	0	
mORF_-_3575903	3575903	3575938	-	6	36	TTG	TGA	0	0	
mORF_-_3575950	3575950	3575979	-	5	30	ATG	TGA	0	0	
mORF_-_3575960	3575960	3576028	-	6	69	ATG	TAA	0	0	
mORF_-_3576062	3576062	3576100	-	6	39	TTG	TGA	0	0	
mORF_-_3576104	3576104	3576223	-	6	120	TTG	TGA	0	0	
mORF_-_3576236	3576236	3576283	-	6	48	TTG	TGA	0	0	
mORF_-_3576280	3576280	3576288	-	5	9	ATG	TGA	0	0	
mORF_-_3576305	3576305	3576337	-	6	33	TTG	TGA	0	0	
mORF_-_3576380	3576380	3576631	-	6	252	TTG	TGA	0	0	
mORF_-_3576704	3576704	3576721	-	6	18	ATG	TAG	0	0	
mORF_-_3576712	3576712	3576765	-	5	54	TTG	TGA	0	0	
mORF_-_3576781	3576781	3576798	-	5	18	GTG	TAA	0	0	
mORF_-_3576786	3576786	3576800	-	4	15	ATG	TAA	0	0	
mORF_-_3576831	3576831	3576836	-	4	6	TTG	TAA	0	0	
mORF_-_3576840	3576840	3576851	-	4	12	GTG	TAA	0	0	
mORF_-_3576851	3576851	3576865	-	6	15	ATG	TAG	0	0	
mORF_-_3576856	3576856	3576870	-	5	15	ATG	TGA	0	0	
mORF_-_3576875	3576875	3576913	-	6	39	GTG	TAG	0	0	
mORF_-_3576907	3576907	3576957	-	5	51	TTG	TGA	0	0	
mORF_-_3576954	3576954	3577061	-	4	108	ATG	TGA	0	0	
mORF_-_3576973	3576973	3577668	-	5	696	ATG	TAA	5	18	pORF_-_3576973
mORF_-_3577077	3577077	3577097	-	4	21	ATG	TGA	0	0	
mORF_-_3577104	3577104	3577160	-	4	57	ATG	TGA	0	0	
mORF_-_3577206	3577206	3577388	-	4	183	GTG	TGA	0	0	
mORF_-_3577389	3577389	3577451	-	4	63	TTG	TGA	0	0	
mORF_-_3577473	3577473	3577526	-	4	54	TTG	TGA	0	0	
mORF_-_3577542	3577542	3577646	-	4	105	ATG	TGA	0	0	
mORF_-_3577643	3577643	3577759	-	6	117	TTG	TGA	0	0	
mORF_-_3577756	3577756	3577788	-	5	33	TTG	TGA	0	0	
mORF_-_3577791	3577791	3578828	-	4	1038	ATG	TAA	28	180	pORF_-_3577791
mORF_-_3577805	3577805	3577924	-	6	120	ATG	TAA	0	0	
mORF_-_3577973	3577973	3578017	-	6	45	ATG	TGA	0	0	
mORF_-_3578171	3578171	3578416	-	6	246	TTG	TGA	0	0	
mORF_-_3578432	3578432	3578449	-	6	18	TTG	TGA	0	0	
mORF_-_3578477	3578477	3578635	-	6	159	ATG	TGA	0	0	
mORF_-_3578645	3578645	3578806	-	6	162	TTG	TAA	0	0	
mORF_-_3578851	3578851	3579138	-	5	288	ATG	TAA	0	0	
mORF_-_3578855	3578855	3578860	-	6	6	GTG	TAA	0	0	
mORF_-_3578862	3578862	3578915	-	4	54	GTG	TAA	0	0	
mORF_-_3578885	3578885	3579046	-	6	162	TTG	TAG	0	0	
mORF_-_3579009	3579009	3579098	-	4	90	ATG	TGA	0	0	
mORF_-_3579059	3579059	3579223	-	6	165	GTG	TGA	0	0	
mORF_-_3579117	3579117	3579194	-	4	78	GTG	TGA	0	0	
mORF_-_3579139	3579139	3579156	-	5	18	TTG	TAA	0	0	
mORF_-_3579199	3579199	3579210	-	5	12	ATG	TAA	0	0	
mORF_-_3579210	3579210	3579251	-	4	42	GTG	TGA	0	0	
mORF_-_3579220	3579220	3579249	-	5	30	GTG	TGA	0	0	
mORF_-_3579251	3579251	3579394	-	6	144	ATG	TAG	0	0	
mORF_-_3579274	3579274	3579363	-	5	90	ATG	TGA	0	0	
mORF_-_3579357	3579357	3579542	-	4	186	TTG	TGA	0	0	
mORF_-_3579391	3579391	3579507	-	5	117	ATG	TGA	0	0	
mORF_-_3579512	3579512	3579700	-	6	189	ATG	TAG	0	0	
mORF_-_3579543	3579543	3579626	-	4	84	ATG	TAA	0	0	
mORF_-_3579628	3579628	3579687	-	5	60	ATG	TAA	0	0	
mORF_-_3579684	3579684	3579734	-	4	51	ATG	TGA	0	0	
mORF_-_3579718	3579718	3579729	-	5	12	TTG	TAA	0	0	
mORF_-_3579745	3579745	3579753	-	5	9	ATG	TAA	0	0	
mORF_-_3579778	3579778	3579849	-	5	72	ATG	TAA	0	0	
mORF_-_3579785	3579785	3579868	-	6	84	ATG	TAA	0	0	

mORF_-_3579798	3579798	3579827	-	4	30	TTG	TAG	0	0	
mORF_-_3579828	3579828	3579863	-	4	36	ATG	TAA	0	0	
mORF_-_3579880	3579880	3579990	-	5	111	ATG	TGA	0	0	
mORF_-_3579900	3579900	3580121	-	4	222	TTG	TAA	0	0	
mORF_-_3580004	3580004	3580015	-	6	12	GTG	TAA	0	0	
mORF_-_3580028	3580028	3580099	-	6	72	ATG	TAA	0	0	
mORF_-_3580048	3580048	3580059	-	5	12	ATG	TGA	0	0	
mORF_-_3580099	3580099	3580131	-	5	33	TTG	TAA	0	0	
mORF_-_3580132	3580132	3580200	-	5	69	TTG	TAA	0	0	
mORF_-_3580216	3580216	3580302	-	5	87	ATG	TAA	0	0	
mORF_-_3580230	3580230	3580241	-	4	12	ATG	TGA	0	0	
mORF_-_3580238	3580238	3580267	-	6	30	TTG	TGA	0	0	
mORF_-_3580304	3580304	3580312	-	6	9	TTG	TAA	0	0	
mORF_-_3580322	3580322	3580387	-	6	66	TTG	TGA	0	0	
mORF_-_3580347	3580347	3580463	-	4	117	ATG	TAA	1	6	pORF_-_3580347
mORF_-_3580372	3580372	3580383	-	5	12	TTG	TGA	0	0	
mORF_-_3580429	3580429	3580524	-	5	96	TTG	TAG	0	0	
mORF_-_3580472	3580472	3580567	-	6	96	ATG	TGA	0	0	
mORF_-_3580521	3580521	3580550	-	4	30	ATG	TGA	0	0	
mORF_-_3580568	3580568	3580582	-	6	15	TTG	TAG	0	0	
mORF_-_3580589	3580589	3580603	-	6	15	ATG	TAG	0	0	
mORF_-_3580620	3580620	3580631	-	4	12	TTG	TAA	0	0	
mORF_-_3580624	3580624	3580647	-	5	24	TTG	TAA	0	0	
mORF_-_3580641	3580641	3580832	-	4	192	TTG	TGA	0	0	
mORF_-_3580688	3580688	3580702	-	6	15	TTG	TAA	0	0	
mORF_-_3580760	3580760	3580786	-	6	27	ATG	TGA	0	0	
mORF_-_3580840	3580840	3580860	-	5	21	ATG	TAG	0	0	
mORF_-_3580886	3580886	3580927	-	6	42	ATG	TAG	0	0	
mORF_-_3580909	3580909	3580953	-	5	45	TTG	TAA	0	0	
mORF_-_3580929	3580929	3581009	-	4	81	ATG	TGA	0	0	
mORF_-_3580943	3580943	3580957	-	6	15	GTG	TAG	0	0	
mORF_-_3580994	3580994	3581023	-	6	30	TTG	TGA	0	0	
mORF_-_3581020	3581020	3581055	-	5	36	GTG	TGA	0	0	
mORF_-_3581025	3581025	3581078	-	4	54	TTG	TAA	0	0	
mORF_-_3581045	3581045	3581059	-	6	15	TTG	TAA	0	0	
mORF_-_3581068	3581068	3581130	-	5	63	GTG	TAG	0	0	
mORF_-_3581114	3581114	3581137	-	6	24	TTG	TAG	0	0	
mORF_-_3581134	3581134	3581145	-	5	12	ATG	TGA	0	0	
mORF_-_3581142	3581142	3581165	-	4	24	TTG	TGA	0	0	
mORF_-_3581179	3581179	3581187	-	5	9	TTG	TAG	0	0	
mORF_-_3581205	3581205	3581240	-	4	36	TTG	TAA	0	0	
mORF_-_3581251	3581251	3581268	-	6	18	TTG	TAA	0	0	
mORF_-_3581357	3581357	3581380	-	6	24	ATG	TAA	0	0	
mORF_-_3581377	3581377	3581430	-	5	54	TTG	TGA	0	0	
mORF_-_3581391	3581391	3581396	-	4	6	TTG	TAG	0	0	
mORF_-_3581417	3581417	3581425	-	6	9	ATG	TAA	0	0	
mORF_-_3581438	3581438	3581464	-	6	27	TTG	TAA	0	0	
mORF_-_3581466	3581466	3581576	-	4	111	GTG	TAA	0	0	
mORF_-_3581539	3581539	3581664	-	5	126	GTG	TGA	0	0	
mORF_-_3581543	3581543	3581620	-	6	78	ATG	TAG	0	0	
mORF_-_3581604	3581604	3581636	-	4	33	GTG	TGA	0	0	
mORF_-_3581637	3581637	3581642	-	4	6	GTG	TAA	0	0	
mORF_-_3581649	3581649	3581741	-	4	93	GTG	TGA	0	0	
mORF_-_3581672	3581672	3581710	-	6	39	TTG	TGA	0	0	
mORF_-_3581735	3581735	3581812	-	6	78	ATG	TGA	0	0	
mORF_-_3581746	3581746	3581754	-	5	9	GTG	TAA	0	0	
mORF_-_3581751	3581751	3581918	-	4	168	GTG	TGA	0	0	
mORF_-_3581879	3581879	3582169	-	6	291	ATG	TAA	0	0	
mORF_-_3581956	3581956	3581973	-	5	18	GTG	TAA	0	0	
mORF_-_3581970	3581970	3582104	-	4	135	GTG	TGA	0	0	
mORF_-_3582049	3582049	3582141	-	5	93	TTG	TGA	0	0	
mORF_-_3582138	3582138	3582200	-	4	63	TTG	TGA	0	0	
mORF_-_3582176	3582176	3582187	-	6	12	ATG	TAA	0	0	

mORF_-_3582197	3582197	3582349	-	6	153	TTG	TGA	0	0	
mORF_-_3582283	3582283	3582300	-	5	18	ATG	TAA	0	0	
mORF_-_3582313	3582313	3582366	-	5	54	ATG	TGA	0	0	
mORF_-_3582336	3582336	3582371	-	4	36	ATG	TGA	0	0	
mORF_-_3582412	3582412	3582423	-	5	12	TTG	TAA	0	0	
mORF_-_3582437	3582437	3582442	-	6	6	TTG	TAA	0	0	
mORF_-_3582448	3582448	3582453	-	5	6	GTG	TAG	0	0	
mORF_-_3582457	3582457	3582480	-	5	24	ATG	TAA	0	0	
mORF_-_3582513	3582513	3582533	-	4	21	ATG	TAG	0	0	
mORF_-_3582544	3582544	3582621	-	5	78	ATG	TAA	0	0	
mORF_-_3582628	3582628	3582687	-	5	60	ATG	TAA	0	0	
mORF_-_3582675	3582675	3582764	-	4	90	TTG	TGA	0	0	
mORF_-_3582725	3582725	3582757	-	6	33	GTG	TGA	0	0	
mORF_-_3582733	3582733	3582738	-	5	6	GTG	TGA	0	0	
mORF_-_3582758	3582758	3582820	-	6	63	ATG	TGA	0	0	
mORF_-_3582786	3582786	3582803	-	4	18	ATG	TAA	0	0	
mORF_-_3582820	3582820	3582852	-	5	33	ATG	TAA	0	0	
mORF_-_3582857	3582857	3582862	-	6	6	ATG	TAG	0	0	
mORF_-_3582870	3582870	3582953	-	4	84	GTG	TAA	0	0	
mORF_-_3582938	3582938	3582988	-	6	51	ATG	TAA	0	0	
mORF_-_3582960	3582960	3583004	-	4	45	TTG	TAA	0	0	
mORF_-_3583022	3583022	3583069	-	6	48	TTG	TAG	0	0	
mORF_-_3583030	3583030	3583086	-	5	57	GTG	TAA	0	0	
mORF_-_3583104	3583104	3584873	-	4	1770	TTG	TAA	18	258	pORF_-_3583104
mORF_-_3583118	3583118	3583174	-	6	57	TTG	TAA	0	0	
mORF_-_3583208	3583208	3583318	-	6	111	ATG	TGA	0	0	
mORF_-_3583258	3583258	3583296	-	5	39	GTG	TAG	0	0	
mORF_-_3583337	3583337	3583345	-	6	9	ATG	TGA	0	0	
mORF_-_3583436	3583436	3583594	-	6	159	TTG	TGA	0	0	
mORF_-_3583628	3583628	3583771	-	6	144	ATG	TGA	0	0	
mORF_-_3583777	3583777	3583797	-	5	21	GTG	TAA	0	0	
mORF_-_3583784	3583784	3583897	-	6	114	TTG	TGA	0	0	
mORF_-_3584063	3584063	3584146	-	6	84	TTG	TGA	0	0	
mORF_-_3584198	3584198	3584311	-	6	114	ATG	TGA	0	0	
mORF_-_3584393	3584393	3584533	-	6	141	ATG	TAG	0	0	
mORF_-_3584546	3584546	3584563	-	6	18	GTG	TAA	0	0	
mORF_-_3584591	3584591	3584635	-	6	45	ATG	TAA	0	0	
mORF_-_3584693	3584693	3584812	-	6	120	TTG	TAG	0	0	
mORF_-_3584782	3584782	3584790	-	5	9	TTG	TAG	0	0	
mORF_-_3584849	3584849	3584911	-	6	63	ATG	TAA	0	0	
mORF_-_3584908	3584908	3585039	-	5	132	TTG	TGA	0	0	
mORF_-_3584936	3584936	3585169	-	6	234	ATG	TAA	0	0	
mORF_-_3584985	3584985	3585017	-	4	33	GTG	TAA	0	0	
mORF_-_3585042	3585042	3585215	-	4	174	GTG	TAG	0	0	
mORF_-_3585151	3585151	3585189	-	5	39	TTG	TGA	0	0	
mORF_-_3585196	3585196	3585285	-	5	90	TTG	TGA	0	0	
mORF_-_3585212	3585212	3585247	-	6	36	TTG	TGA	0	0	
mORF_-_3585275	3585275	3585418	-	6	144	TTG	TAA	0	0	
mORF_-_3585310	3585310	3585348	-	5	39	ATG	TGA	0	0	
mORF_-_3585355	3585355	3585381	-	5	27	ATG	TGA	0	0	
mORF_-_3585393	3585393	3586136	-	4	744	ATG	TAG	5	15	pORF_-_3585393
mORF_-_3585419	3585419	3585454	-	6	36	GTG	TGA	0	0	
mORF_-_3585424	3585424	3585447	-	5	24	TTG	TGA	0	0	
mORF_-_3585559	3585559	3585624	-	5	66	GTG	TAA	0	0	
mORF_-_3585599	3585599	3585628	-	6	30	ATG	TGA	0	0	
mORF_-_3585677	3585677	3585694	-	6	18	TTG	TAG	0	0	
mORF_-_3585691	3585691	3585828	-	5	138	TTG	TGA	0	0	
mORF_-_3585809	3585809	3585898	-	6	90	ATG	TGA	0	0	
mORF_-_3585868	3585868	3585888	-	5	21	TTG	TAA	0	0	
mORF_-_3585923	3585923	3586018	-	6	96	TTG	TGA	0	0	
mORF_-_3586025	3586025	3586099	-	6	75	GTG	TGA	0	0	
mORF_-_3586129	3586129	3586161	-	5	33	TTG	TAA	0	0	
mORF_-_3586133	3586133	3587242	-	6	1110	GTG	TGA	1	3	pORF_-_3586133

mORF_-_3586158	3586158	3586196	-	4	39	GTG	TGA	0	0	
mORF_-_3586342	3586342	3586350	-	5	9	TTG	TAA	0	0	
mORF_-_3586375	3586375	3586407	-	5	33	GTG	TGA	0	0	
mORF_-_3586411	3586411	3586425	-	5	15	TTG	TAA	0	0	
mORF_-_3586510	3586510	3586572	-	5	63	GTG	TAG	0	0	
mORF_-_3586606	3586606	3586617	-	5	12	TTG	TGA	0	0	
mORF_-_3586651	3586651	3586872	-	5	222	TTG	TGA	0	0	
mORF_-_3586857	3586857	3586910	-	4	54	GTG	TAA	0	0	
mORF_-_3586900	3586900	3586929	-	5	30	GTG	TGA	0	0	
mORF_-_3586930	3586930	3586971	-	5	42	TTG	TGA	0	0	
mORF_-_3587035	3587035	3587055	-	5	21	TTG	TGA	0	0	
mORF_-_3587101	3587101	3587130	-	5	30	TTG	TGA	0	0	
mORF_-_3587134	3587134	3587163	-	5	30	ATG	TGA	0	0	
mORF_-_3587205	3587205	3588050	-	4	846	ATG	TAA	0	0	
mORF_-_3587215	3587215	3587403	-	5	189	GTG	TAG	0	0	
mORF_-_3587252	3587252	3587260	-	6	9	TTG	TAG	0	0	
mORF_-_3587339	3587339	3587380	-	6	42	ATG	TGA	0	0	
mORF_-_3587435	3587435	3587539	-	6	105	ATG	TGA	0	0	
mORF_-_3587455	3587455	3587487	-	5	33	TTG	TAA	0	0	
mORF_-_3587606	3587606	3587677	-	6	72	TTG	TAA	0	0	
mORF_-_3587702	3587702	3587752	-	6	51	TTG	TGA	0	0	
mORF_-_3587804	3587804	3587809	-	6	6	TTG	TGA	0	0	
mORF_-_3587912	3587912	3587959	-	6	48	TTG	TGA	0	0	
mORF_-_3587938	3587938	3588033	-	5	96	GTG	TAA	0	0	
mORF_-_3588026	3588026	3588046	-	6	21	TTG	TGA	0	0	
mORF_-_3588043	3588043	3588075	-	5	33	ATG	TGA	0	0	
mORF_-_3588047	3588047	3588934	-	6	888	ATG	TGA	0	0	
mORF_-_3588235	3588235	3588261	-	5	27	ATG	TGA	0	0	
mORF_-_3588292	3588292	3588348	-	5	57	GTG	TGA	0	0	
mORF_-_3588321	3588321	3588437	-	4	117	ATG	TAA	0	0	
mORF_-_3588370	3588370	3588447	-	5	78	TTG	TGA	0	0	
mORF_-_3588526	3588526	3588573	-	5	48	TTG	TGA	0	0	
mORF_-_3588543	3588543	3588560	-	4	18	GTG	TAA	0	0	
mORF_-_3588604	3588604	3588693	-	5	90	TTG	TAA	0	0	
mORF_-_3588706	3588706	3588795	-	5	90	TTG	TAA	0	0	
mORF_-_3588762	3588762	3588824	-	4	63	GTG	TAA	0	0	
mORF_-_3588940	3588940	3589023	-	5	84	ATG	TAA	0	0	
mORF_-_3588981	3588981	3589016	-	4	36	ATG	TAG	0	0	
mORF_-_3588998	3588998	3589153	-	6	156	TTG	TGA	0	0	
mORF_-_3589023	3589023	3589028	-	4	6	GTG	TAA	0	0	
mORF_-_3589032	3589032	3590348	-	4	1317	ATG	TAA	33	144	pORF_-_3589032
mORF_-_3589117	3589117	3589128	-	5	12	GTG	TAA	0	0	
mORF_-_3589217	3589217	3589276	-	6	60	GTG	TGA	0	0	
mORF_-_3589280	3589280	3589381	-	6	102	GTG	TGA	0	0	
mORF_-_3589285	3589285	3589332	-	5	48	GTG	TGA	0	0	
mORF_-_3589402	3589402	3589419	-	5	18	GTG	TAA	0	0	
mORF_-_3589412	3589412	3589465	-	6	54	ATG	TGA	0	0	
mORF_-_3589487	3589487	3589528	-	6	42	TTG	TAG	0	0	
mORF_-_3589498	3589498	3589560	-	5	63	TTG	TAA	0	0	
mORF_-_3589550	3589550	3589591	-	6	42	ATG	TGA	0	0	
mORF_-_3589655	3589655	3589723	-	6	69	TTG	TGA	0	0	
mORF_-_3589744	3589744	3589794	-	5	51	GTG	TAG	0	0	
mORF_-_3589811	3589811	3589825	-	6	15	ATG	TGA	0	0	
mORF_-_3589868	3589868	3590035	-	6	168	ATG	TAG	0	0	
mORF_-_3590063	3590063	3590131	-	6	69	TTG	TGA	0	0	
mORF_-_3590141	3590141	3590179	-	6	39	TTG	TAA	0	0	
mORF_-_3590276	3590276	3590290	-	6	15	ATG	TGA	0	0	
mORF_-_3590345	3590345	3590560	-	6	216	TTG	TGA	0	0	
mORF_-_3590352	3590352	3590411	-	4	60	ATG	TAA	0	0	
mORF_-_3590446	3590446	3590451	-	5	6	ATG	TAA	0	0	
mORF_-_3590470	3590470	3590526	-	5	57	GTG	TGA	0	0	
mORF_-_3590564	3590564	3590680	-	6	117	ATG	TAG	0	0	
mORF_-_3590575	3590575	3590586	-	5	12	ATG	TGA	0	0	

mORF_-_3590583	3590583	3590735	-	4	153	TTG	TGA	0	0	
mORF_-_3590617	3590617	3590622	-	5	6	TTG	TAG	0	0	
mORF_-_3590635	3590635	3590649	-	5	15	GTG	TGA	0	0	
mORF_-_3590680	3590680	3590739	-	5	60	TTG	TGA	0	0	
mORF_-_3590690	3590690	3590695	-	6	6	ATG	TAA	0	0	
mORF_-_3590747	3590747	3591472	-	6	726	GTG	TAA	21	133	pORF_-_3590747
mORF_-_3590755	3590755	3590766	-	5	12	GTG	TAG	0	0	
mORF_-_3590770	3590770	3590799	-	5	30	GTG	TGA	0	0	
mORF_-_3590815	3590815	3590820	-	5	6	ATG	TAG	0	0	
mORF_-_3590896	3590896	3590979	-	5	84	TTG	TGA	0	0	
mORF_-_3591004	3591004	3591099	-	5	96	ATG	TGA	0	0	
mORF_-_3591096	3591096	3591107	-	4	12	GTG	TGA	0	0	
mORF_-_3591109	3591109	3591141	-	5	33	TTG	TAA	0	0	
mORF_-_3591175	3591175	3591351	-	5	177	TTG	TGA	0	0	
mORF_-_3591267	3591267	3591308	-	4	42	ATG	TGA	0	0	
mORF_-_3591352	3591352	3591363	-	5	12	TTG	TGA	0	0	
mORF_-_3591388	3591388	3591438	-	5	51	TTG	TGA	0	0	
mORF_-_3591462	3591462	3592229	-	4	768	ATG	TAA	20	140	pORF_-_3591462
mORF_-_3591473	3591473	3591484	-	6	12	GTG	TAG	0	0	
mORF_-_3591587	3591587	3591601	-	6	15	TTG	TGA	0	0	
mORF_-_3591602	3591602	3591643	-	6	42	TTG	TGA	0	0	
mORF_-_3591644	3591644	3591652	-	6	9	ATG	TGA	0	0	
mORF_-_3591722	3591722	3591817	-	6	96	TTG	TGA	0	0	
mORF_-_3591902	3591902	3591937	-	6	36	TTG	TGA	0	0	
mORF_-_3591944	3591944	3592000	-	6	57	TTG	TGA	0	0	
mORF_-_3592076	3592076	3592108	-	6	33	GTG	TGA	0	0	
mORF_-_3592121	3592121	3592153	-	6	33	TTG	TAA	0	0	
mORF_-_3592226	3592226	3593503	-	6	1278	ATG	TGA	2	5	pORF_-_3592226
mORF_-_3592324	3592324	3592332	-	5	9	GTG	TGA	0	0	
mORF_-_3592339	3592339	3592365	-	5	27	GTG	TAA	0	0	
mORF_-_3592408	3592408	3592416	-	5	9	TTG	TGA	0	0	
mORF_-_3592444	3592444	3592548	-	5	105	GTG	TAG	0	0	
mORF_-_3592585	3592585	3592674	-	5	90	TTG	TAA	0	0	
mORF_-_3592617	3592617	3592634	-	4	18	GTG	TGA	0	0	
mORF_-_3592681	3592681	3592725	-	5	45	GTG	TAA	0	0	
mORF_-_3592744	3592744	3592932	-	5	189	GTG	TGA	1	3	pORF_-_3592744
mORF_-_3592929	3592929	3593198	-	4	270	GTG	TGA	0	0	
mORF_-_3592984	3592984	3593112	-	5	129	TTG	TAA	0	0	
mORF_-_3593152	3593152	3593208	-	5	57	TTG	TGA	0	0	
mORF_-_3593242	3593242	3593259	-	5	18	TTG	TGA	0	0	
mORF_-_3593256	3593256	3593372	-	4	117	TTG	TGA	0	0	
mORF_-_3593296	3593296	3593487	-	5	192	TTG	TGA	0	0	
mORF_-_3593500	3593500	3594426	-	5	927	ATG	TGA	0	0	
mORF_-_3593562	3593562	3593585	-	4	24	ATG	TGA	0	0	
mORF_-_3593601	3593601	3593630	-	4	30	TTG	TGA	0	0	
mORF_-_3593640	3593640	3593651	-	4	12	TTG	TGA	0	0	
mORF_-_3593652	3593652	3593681	-	4	30	GTG	TGA	0	0	
mORF_-_3593706	3593706	3593795	-	4	90	TTG	TGA	0	0	
mORF_-_3593796	3593796	3593801	-	4	6	TTG	TGA	0	0	
mORF_-_3593805	3593805	3593813	-	4	9	TTG	TGA	0	0	
mORF_-_3593814	3593814	3593837	-	4	24	TTG	TGA	0	0	
mORF_-_3593828	3593828	3593878	-	6	51	GTG	TAA	0	0	
mORF_-_3593853	3593853	3593873	-	4	21	GTG	TGA	0	0	
mORF_-_3593913	3593913	3593942	-	4	30	TTG	TGA	0	0	
mORF_-_3593990	3593990	3594007	-	6	18	GTG	TAG	0	0	
mORF_-_3594054	3594054	3594110	-	4	57	TTG	TGA	0	0	
mORF_-_3594111	3594111	3594179	-	4	69	TTG	TGA	0	0	
mORF_-_3594207	3594207	3594230	-	4	24	TTG	TAG	0	0	
mORF_-_3594258	3594258	3594281	-	4	24	TTG	TGA	0	0	
mORF_-_3594419	3594419	3594553	-	6	135	ATG	TGA	0	0	
mORF_-_3594439	3594439	3594510	-	5	72	GTG	TAG	0	0	
mORF_-_3594474	3594474	3595637	-	4	1164	TTG	TGA	109	3667	pORF_-_3594474
mORF_-_3594560	3594560	3594571	-	6	12	TTG	TGA	0	0	

mORF_-_3594572	3594572	3594586	-	6	15	GTG	TGA	0	0	
mORF_-_3594605	3594605	3594688	-	6	84	ATG	TGA	0	0	
mORF_-_3594719	3594719	3594835	-	6	117	GTG	TGA	0	0	
mORF_-_3594860	3594860	3594868	-	6	9	TTG	TGA	0	0	
mORF_-_3595028	3595028	3595066	-	6	39	ATG	TGA	0	0	
mORF_-_3595106	3595106	3595117	-	6	12	TTG	TGA	0	0	
mORF_-_3595229	3595229	3595546	-	6	318	TTG	TGA	0	0	
mORF_-_3595246	3595246	3595284	-	5	39	GTG	TGA	0	0	
mORF_-_3595315	3595315	3595359	-	5	45	ATG	TAA	0	0	
mORF_-_3595444	3595444	3595464	-	5	21	GTG	TAA	0	0	
mORF_-_3595513	3595513	3595599	-	5	87	ATG	TGA	0	0	
mORF_-_3595547	3595547	3595573	-	6	27	ATG	TGA	0	0	
mORF_-_3595639	3595639	3595665	-	5	27	GTG	TGA	0	0	
mORF_-_3595691	3595691	3595819	-	6	129	GTG	TAA	0	0	
mORF_-_3595735	3595735	3595872	-	5	138	ATG	TGA	0	0	
mORF_-_3595800	3595800	3595844	-	4	45	ATG	TGA	0	0	
mORF_-_3595845	3595845	3595865	-	4	21	ATG	TGA	0	0	
mORF_-_3595876	3595876	3595920	-	5	45	GTG	TAG	0	0	
mORF_-_3595913	3595913	3595927	-	6	15	TTG	TAA	0	0	
mORF_-_3595955	3595955	3596023	-	6	69	ATG	TAA	0	0	
mORF_-_3595968	3595968	3595982	-	4	15	GTG	TAG	0	0	
mORF_-_3595992	3595992	3595997	-	4	6	GTG	TAA	0	0	
mORF_-_3596028	3596028	3596066	-	4	39	TTG	TAA	0	0	
mORF_-_3596097	3596097	3596117	-	4	21	GTG	TAA	0	0	
mORF_-_3596123	3596123	3596272	-	6	150	TTG	TAG	0	0	
mORF_-_3596137	3596137	3596193	-	5	57	GTG	TAA	0	0	
mORF_-_3596172	3596172	3596243	-	4	72	TTG	TAA	0	0	
mORF_-_3596218	3596218	3596286	-	5	69	ATG	TGA	0	0	
mORF_-_3596283	3596283	3596366	-	4	84	TTG	TGA	0	0	
mORF_-_3596356	3596356	3596409	-	5	54	TTG	TAA	0	0	
mORF_-_3596387	3596387	3596545	-	6	159	TTG	TAA	0	0	
mORF_-_3596445	3596445	3596561	-	4	117	TTG	TAG	0	0	
mORF_-_3596503	3596503	3596520	-	5	18	ATG	TAA	0	0	
mORF_-_3596539	3596539	3596556	-	5	18	TTG	TAA	0	0	
mORF_-_3596571	3596571	3596633	-	4	63	TTG	TAA	0	0	
mORF_-_3596578	3596578	3597738	-	5	1161	GTG	TAA	149	8820	pORF_-_3596578
mORF_-_3596640	3596640	3596657	-	4	18	ATG	TGA	0	0	
mORF_-_3596729	3596729	3596782	-	6	54	TTG	TGA	0	0	
mORF_-_3596739	3596739	3596831	-	4	93	TTG	TGA	0	0	
mORF_-_3596874	3596874	3596933	-	4	60	GTG	TGA	0	0	
mORF_-_3597045	3597045	3597116	-	4	72	ATG	TGA	0	0	
mORF_-_3597126	3597126	3597191	-	4	66	TTG	TGA	0	0	
mORF_-_3597204	3597204	3597215	-	4	12	TTG	TGA	0	0	
mORF_-_3597273	3597273	3597287	-	4	15	GTG	TGA	0	0	
mORF_-_3597327	3597327	3597392	-	4	66	TTG	TAA	0	0	
mORF_-_3597393	3597393	3597467	-	4	75	ATG	TGA	0	0	
mORF_-_3597471	3597471	3597569	-	4	99	TTG	TAA	0	0	
mORF_-_3597602	3597602	3597649	-	6	48	ATG	TAA	0	0	
mORF_-_3597740	3597740	3597844	-	6	105	TTG	TAA	0	0	
mORF_-_3597760	3597760	3597780	-	5	21	ATG	TAG	0	0	
mORF_-_3597787	3597787	3597795	-	5	9	ATG	TAG	0	0	
mORF_-_3597838	3597838	3597924	-	5	87	ATG	TAA	0	0	
mORF_-_3597887	3597887	3597907	-	6	21	TTG	TAA	0	0	
mORF_-_3597939	3597939	3597971	-	4	33	GTG	TAA	0	0	
mORF_-_3597952	3597952	3598806	-	5	855	ATG	TAA	2	2	pORF_-_3597952
mORF_-_3597981	3597981	3598085	-	4	105	GTG	TGA	0	0	
mORF_-_3598131	3598131	3598262	-	4	132	TTG	TGA	0	0	
mORF_-_3598266	3598266	3598301	-	4	36	GTG	TGA	0	0	
mORF_-_3598317	3598317	3598514	-	4	198	GTG	TAA	0	0	
mORF_-_3598572	3598572	3598628	-	4	57	TTG	TGA	0	0	
mORF_-_3598647	3598647	3598769	-	4	123	TTG	TGA	0	0	
mORF_-_3598712	3598712	3598732	-	4	21	GTG	TGA	0	0	
mORF_-_3598799	3598799	3598810	-	6	12	TTG	TGA	0	0	

mORF_-_3598803	3598803	3598820	-	4	18	TTG	TGA	0	0	
mORF_-_3598807	3598807	3598854	-	5	48	TTG	TGA	0	0	
mORF_-_3598817	3598817	3598888	-	6	72	ATG	TGA	0	0	
mORF_-_3598839	3598839	3598928	-	4	90	TTG	TGA	0	0	
mORF_-_3598900	3598900	3599112	-	5	213	TTG	TGA	0	0	
mORF_-_3598925	3598925	3598966	-	6	42	ATG	TGA	0	0	
mORF_-_3599051	3599051	3600136	-	6	1086	ATG	TAA	3	17	pORF_-_3599051
mORF_-_3599055	3599055	3599144	-	4	90	ATG	TGA	0	0	
mORF_-_3599113	3599113	3599205	-	5	93	TTG	TGA	0	0	
mORF_-_3599245	3599245	3599328	-	5	84	TTG	TAA	0	0	
mORF_-_3599329	3599329	3599364	-	5	36	TTG	TGA	0	0	
mORF_-_3599371	3599371	3599382	-	5	12	GTG	TGA	0	0	
mORF_-_3599458	3599458	3599535	-	5	78	GTG	TGA	0	0	
mORF_-_3599581	3599581	3599676	-	5	96	GTG	TGA	0	0	
mORF_-_3599689	3599689	3599748	-	5	60	ATG	TGA	0	0	
mORF_-_3599908	3599908	3599937	-	5	30	ATG	TGA	0	0	
mORF_-_3599974	3599974	3600096	-	5	123	ATG	TAA	0	0	
mORF_-_3600102	3600102	3600770	-	4	669	ATG	TAA	15	103	pORF_-_3600102
mORF_-_3600206	3600206	3600232	-	6	27	TTG	TAA	0	0	
mORF_-_3600311	3600311	3600448	-	6	138	GTG	TGA	0	0	
mORF_-_3600521	3600521	3600556	-	6	36	GTG	TGA	0	0	
mORF_-_3600563	3600563	3600625	-	6	63	GTG	TGA	0	0	
mORF_-_3600671	3600671	3600760	-	6	90	TTG	TGA	0	0	
mORF_-_3600757	3600757	3600789	-	5	33	TTG	TGA	0	0	
mORF_-_3600773	3600773	3602266	-	6	1494	ATG	TAA	54	439	pORF_-_3600773
mORF_-_3600799	3600799	3600876	-	5	78	TTG	TAG	0	0	
mORF_-_3600946	3600946	3600963	-	5	18	ATG	TAA	0	0	
mORF_-_3600982	3600982	3601011	-	5	30	TTG	TAA	0	0	
mORF_-_3601015	3601015	3601041	-	5	27	TTG	TGA	0	0	
mORF_-_3601087	3601087	3601128	-	5	42	TTG	TGA	0	0	
mORF_-_3601129	3601129	3601212	-	5	84	TTG	TGA	0	0	
mORF_-_3601213	3601213	3601281	-	5	69	GTG	TGA	0	0	
mORF_-_3601294	3601294	3601359	-	5	66	GTG	TGA	0	0	
mORF_-_3601381	3601381	3601407	-	5	27	ATG	TGA	0	0	
mORF_-_3601408	3601408	3601419	-	5	12	ATG	TGA	0	0	
mORF_-_3601453	3601453	3601482	-	5	30	GTG	TGA	0	0	
mORF_-_3601510	3601510	3601551	-	5	42	ATG	TGA	0	0	
mORF_-_3601558	3601558	3601593	-	5	36	ATG	TGA	0	0	
mORF_-_3601762	3601762	3601857	-	5	96	TTG	TGA	0	0	
mORF_-_3601861	3601861	3601941	-	5	81	GTG	TAG	0	0	
mORF_-_3601875	3601875	3601886	-	4	12	GTG	TGA	0	0	
mORF_-_3601972	3601972	3602112	-	5	141	TTG	TAG	0	0	
mORF_-_3602161	3602161	3602247	-	5	87	GTG	TAG	0	0	
mORF_-_3602175	3602175	3602354	-	4	180	GTG	TGA	0	0	
mORF_-_3602273	3602273	3602296	-	6	24	ATG	TAG	0	0	
mORF_-_3602293	3602293	3602301	-	5	9	GTG	TGA	0	0	
mORF_-_3602360	3602360	3602368	-	6	9	GTG	TAA	0	0	
mORF_-_3602365	3602365	3602580	-	5	216	TTG	TGA	0	0	
mORF_-_3602370	3602370	3602417	-	4	48	ATG	TGA	0	0	
mORF_-_3602430	3602430	3602567	-	4	138	ATG	TGA	0	0	
mORF_-_3602564	3602564	3602650	-	6	87	TTG	TGA	0	0	
mORF_-_3602679	3602679	3602741	-	4	63	TTG	TGA	0	0	
mORF_-_3602690	3602690	3602989	-	6	300	GTG	TAA	0	0	
mORF_-_3602749	3602749	3602778	-	5	30	ATG	TGA	0	0	
mORF_-_3602877	3602877	3602912	-	4	36	GTG	TAA	0	0	
mORF_-_3602932	3602932	3603192	-	5	261	GTG	TAA	0	0	
mORF_-_3603050	3603050	3603133	-	6	84	ATG	TAA	0	0	
mORF_-_3603057	3603057	3603080	-	4	24	GTG	TGA	0	0	
mORF_-_3603274	3603274	3603633	-	5	360	ATG	TAA	5	10	pORF_-_3603274
mORF_-_3603285	3603285	3603299	-	4	15	TTG	TAG	0	0	
mORF_-_3603342	3603342	3603419	-	4	78	ATG	TGA	0	0	
mORF_-_3603498	3603498	3603590	-	4	93	TTG	TGA	0	0	
mORF_-_3603539	3603539	3603646	-	6	108	ATG	TGA	0	0	

mORF_-_3603591	3603591	3603608	-	4	18	TTG	TAA	0	0	
mORF_-_3603636	3603636	3603668	-	4	33	ATG	TAA	0	0	
mORF_-_3603679	3603679	3603693	-	5	15	ATG	TAA	0	0	
mORF_-_3603690	3603690	3603764	-	4	75	TTG	TGA	0	0	
mORF_-_3603710	3603710	3603736	-	6	27	ATG	TAG	0	0	
mORF_-_3603761	3603761	3603925	-	6	165	ATG	TGA	0	0	
mORF_-_3603787	3603787	3603843	-	5	57	TTG	TAA	0	0	
mORF_-_3603813	3603813	3603851	-	4	39	TTG	TAG	0	0	
mORF_-_3603891	3603891	3603905	-	4	15	TTG	TAA	0	0	
mORF_-_3603925	3603925	3604095	-	5	171	GTG	TAA	0	0	
mORF_-_3603975	3603975	3604034	-	4	60	GTG	TAG	0	0	
mORF_-_3603992	3603992	3604048	-	6	57	ATG	TGA	0	0	
mORF_-_3604061	3604061	3604186	-	6	126	ATG	TGA	0	0	
mORF_-_3604122	3604122	3604370	-	4	249	GTG	TAA	0	0	
mORF_-_3604282	3604282	3604512	-	5	231	TTG	TGA	0	0	
mORF_-_3604458	3604458	3604490	-	4	33	TTG	TAA	0	0	
mORF_-_3604491	3604491	3604499	-	4	9	TTG	TGA	0	0	
mORF_-_3604509	3604509	3604616	-	4	108	GTG	TGA	0	0	
mORF_-_3604523	3604523	3604591	-	6	69	TTG	TGA	0	0	
mORF_-_3604531	3604531	3604836	-	5	306	TTG	TAG	0	0	
mORF_-_3604620	3604620	3604667	-	4	48	TTG	TAG	0	0	
mORF_-_3604634	3604634	3604843	-	6	210	GTG	TGA	0	0	
mORF_-_3604704	3604704	3604760	-	4	57	ATG	TGA	0	0	
mORF_-_3604797	3604797	3604916	-	4	120	TTG	TAG	0	0	
mORF_-_3604868	3604868	3604891	-	6	24	TTG	TAA	0	0	
mORF_-_3604873	3604873	3604932	-	5	60	TTG	TAG	0	0	
mORF_-_3604917	3604917	3604952	-	4	36	GTG	TGA	0	0	
mORF_-_3604940	3604940	3604987	-	6	48	ATG	TAA	0	0	
mORF_-_3604980	3604980	3605000	-	4	21	TTG	TGA	0	0	
mORF_-_3605010	3605010	3605021	-	4	12	ATG	TAG	0	0	
mORF_-_3605045	3605045	3605056	-	6	12	GTG	TAG	0	0	
mORF_-_3605060	3605060	3605071	-	6	12	TTG	TAA	0	0	
mORF_-_3605148	3605148	3605501	-	4	354	ATG	TGA	0	0	
mORF_-_3605228	3605228	3605365	-	6	138	TTG	TAA	0	0	
mORF_-_3605546	3605546	3605581	-	6	36	GTG	TAA	0	0	
mORF_-_3605663	3605663	3605671	-	6	9	TTG	TAA	0	0	
mORF_-_3605668	3605668	3605910	-	5	243	TTG	TGA	0	0	
mORF_-_3605816	3605816	3605836	-	6	21	TTG	TAA	0	0	
mORF_-_3605826	3605826	3606308	-	4	483	TTG	TGA	0	0	
mORF_-_3605843	3605843	3605965	-	6	123	GTG	TAA	0	0	
mORF_-_3605962	3605962	3606042	-	5	81	ATG	TGA	0	0	
mORF_-_3606002	3606002	3606055	-	6	54	ATG	TAA	0	0	
mORF_-_3606064	3606064	3606093	-	5	30	TTG	TAA	0	0	
mORF_-_3606134	3606134	3606172	-	6	39	TTG	TGA	0	0	
mORF_-_3606142	3606142	3606333	-	5	192	ATG	TAA	0	0	
mORF_-_3606218	3606218	3606250	-	6	33	TTG	TGA	0	0	
mORF_-_3606327	3606327	3606506	-	4	180	GTG	TGA	0	0	
mORF_-_3606362	3606362	3606499	-	6	138	GTG	TAA	0	0	
mORF_-_3606451	3606451	3606510	-	5	60	GTG	TAA	0	0	
mORF_-_3606507	3606507	3606677	-	4	171	TTG	TGA	0	0	
mORF_-_3606566	3606566	3606763	-	6	198	TTG	TGA	0	0	
mORF_-_3606730	3606730	3606777	-	5	48	TTG	TAA	0	0	
mORF_-_3606774	3606774	3607019	-	4	246	ATG	TGA	3	7	pORF_-_3606774
mORF_-_3606791	3606791	3606829	-	6	39	TTG	TGA	0	0	
mORF_-_3606823	3606823	3606855	-	5	33	TTG	TAA	0	0	
mORF_-_3606950	3606950	3606976	-	6	27	TTG	TGA	0	0	
mORF_-_3607016	3607016	3607033	-	6	18	GTG	TGA	0	0	
mORF_-_3607048	3607048	3607077	-	5	30	TTG	TAG	0	0	
mORF_-_3607053	3607053	3607163	-	4	111	GTG	TAA	0	0	
mORF_-_3607079	3607079	3607120	-	6	42	TTG	TAG	0	0	
mORF_-_3607133	3607133	3607228	-	6	96	TTG	TGA	0	0	
mORF_-_3607168	3607168	3607212	-	5	45	GTG	TAA	0	0	
mORF_-_3607209	3607209	3607217	-	4	9	TTG	TGA	0	0	

mORF_-_3607221	3607221	3607238	-	4	18	TTG	TAA	0	0	
mORF_-_3607225	3607225	3607263	-	5	39	TTG	TGA	0	0	
mORF_-_3607291	3607291	3607362	-	5	72	ATG	TAA	0	0	
mORF_-_3607296	3607296	3607313	-	4	18	GTG	TGA	0	0	
mORF_-_3607332	3607332	3607451	-	4	120	ATG	TGA	0	0	
mORF_-_3607403	3607403	3607435	-	6	33	GTG	TAG	0	0	
mORF_-_3607488	3607488	3607496	-	4	9	ATG	TAG	0	0	
mORF_-_3607493	3607493	3607540	-	6	48	GTG	TGA	0	0	
mORF_-_3607504	3607504	3607761	-	5	258	GTG	TAG	0	0	
mORF_-_3607509	3607509	3607589	-	4	81	ATG	TAG	0	0	
mORF_-_3607628	3607628	3607681	-	6	54	GTG	TAA	0	0	
mORF_-_3607641	3607641	3607721	-	4	81	ATG	TGA	0	0	
mORF_-_3607785	3607785	3607886	-	4	102	TTG	TAA	0	0	
mORF_-_3607805	3607805	3607828	-	6	24	TTG	TGA	0	0	
mORF_-_3607902	3607902	3608240	-	4	339	ATG	TAA	0	0	
mORF_-_3607958	3607958	3607978	-	6	21	TTG	TAA	0	0	
mORF_-_3608125	3608125	3608358	-	5	234	GTG	TAA	0	0	
mORF_-_3608292	3608292	3608342	-	4	51	ATG	TGA	0	0	
mORF_-_3608355	3608355	3608360	-	4	6	TTG	TGA	0	0	
mORF_-_3608371	3608371	3608484	-	5	114	TTG	TAA	0	0	
mORF_-_3608439	3608439	3608453	-	4	15	ATG	TGA	0	0	
mORF_-_3608478	3608478	3608513	-	4	36	ATG	TGA	0	0	
mORF_-_3608539	3608539	3609798	-	5	1260	GTG	TAA	0	0	
mORF_-_3608558	3608558	3608845	-	6	288	GTG	TGA	0	0	
mORF_-_3608691	3608691	3608699	-	4	9	TTG	TGA	0	0	
mORF_-_3608775	3608775	3608864	-	4	90	TTG	TAG	0	0	
mORF_-_3608880	3608880	3608888	-	4	9	TTG	TAA	0	0	
mORF_-_3608891	3608891	3608899	-	6	9	TTG	TAG	0	0	
mORF_-_3608913	3608913	3608972	-	4	60	GTG	TAA	0	0	
mORF_-_3608975	3608975	3609010	-	6	36	TTG	TAG	0	0	
mORF_-_3608985	3608985	3609107	-	4	123	TTG	TGA	0	0	
mORF_-_3609137	3609137	3609487	-	6	351	ATG	TAA	0	0	
mORF_-_3609249	3609249	3609287	-	4	39	TTG	TAG	0	0	
mORF_-_3609303	3609303	3609386	-	4	84	TTG	TGA	0	0	
mORF_-_3609471	3609471	3609542	-	4	72	ATG	TGA	0	0	
mORF_-_3609615	3609615	3609629	-	4	15	ATG	TGA	0	0	
mORF_-_3609690	3609690	3609701	-	4	12	TTG	TAG	0	0	
mORF_-_3609762	3609762	3609770	-	4	9	ATG	TGA	0	0	
mORF_-_3609773	3609773	3609778	-	6	6	TTG	TAA	0	0	
mORF_-_3609792	3609792	3609971	-	4	180	GTG	TAA	0	0	
mORF_-_3609853	3609853	3609858	-	5	6	GTG	TAG	0	0	
mORF_-_3609859	3609859	3609888	-	5	30	TTG	TAA	0	0	
mORF_-_3609872	3609872	3609877	-	6	6	TTG	TGA	0	0	
mORF_-_3609899	3609899	3609967	-	6	69	ATG	TGA	0	0	
mORF_-_3609968	3609968	3610300	-	6	333	GTG	TGA	1	2	pORF_-_3609968
mORF_-_3609999	3609999	3610067	-	4	69	TTG	TAA	0	0	
mORF_-_3610081	3610081	3610143	-	5	63	ATG	TAA	0	0	
mORF_-_3610113	3610113	3610241	-	4	129	ATG	TAG	0	0	
mORF_-_3610294	3610294	3610329	-	5	36	TTG	TGA	0	0	
mORF_-_3610305	3610305	3610433	-	4	129	GTG	TAG	0	0	
mORF_-_3610366	3610366	3610455	-	5	90	GTG	TAA	0	0	
mORF_-_3610394	3610394	3610399	-	6	6	TTG	TAA	0	0	
mORF_-_3610430	3610430	3610435	-	6	6	ATG	TGA	0	0	
mORF_-_3610443	3610443	3610472	-	4	30	GTG	TAA	0	0	
mORF_-_3610456	3610456	3610482	-	5	27	ATG	TAA	0	0	
mORF_-_3610472	3610472	3610588	-	6	117	TTG	TAG	0	0	
mORF_-_3610585	3610585	3610632	-	5	48	TTG	TGA	0	0	
mORF_-_3610589	3610589	3610600	-	6	12	TTG	TAG	0	0	
mORF_-_3610651	3610651	3610686	-	5	36	ATG	TAA	0	0	
mORF_-_3610661	3610661	3610945	-	6	285	TTG	TAA	0	0	
mORF_-_3610692	3610692	3610703	-	4	12	ATG	TAA	0	0	
mORF_-_3610708	3610708	3611109	-	5	402	ATG	TGA	0	0	
mORF_-_3610722	3610722	3610745	-	4	24	ATG	TAA	0	0	

mORF_-_3610926	3610926	3610967	-	4	42	ATG	TAA	0	0
mORF_-_3610964	3610964	3611146	-	6	183	ATG	TGA	0	0
mORF_-_3611052	3611052	3611120	-	4	69	GTG	TAA	0	0
mORF_-_3611133	3611133	3611159	-	4	27	TTG	TAG	0	0
mORF_-_3611143	3611143	3611172	-	5	30	ATG	TGA	0	0
mORF_-_3611147	3611147	3611290	-	6	144	TTG	TAG	0	0
mORF_-_3611202	3611202	3611465	-	4	264	GTG	TAA	0	0
mORF_-_3611360	3611360	3611458	-	6	99	GTG	TGA	0	0
mORF_-_3611475	3611475	3611486	-	4	12	ATG	TGA	0	0
mORF_-_3611489	3611489	3611665	-	6	177	ATG	TGA	0	0
mORF_-_3611502	3611502	3611558	-	4	57	TTG	TAA	0	0
mORF_-_3611568	3611568	3611600	-	4	33	ATG	TGA	0	0
mORF_-_3611671	3611671	3611778	-	5	108	GTG	TAA	0	0
mORF_-_3611685	3611685	3611702	-	4	18	GTG	TAA	0	0
mORF_-_3611714	3611714	3611752	-	6	39	ATG	TAG	0	0
mORF_-_3611742	3611742	3611762	-	4	21	GTG	TAA	0	0
mORF_-_3611772	3611772	3611804	-	4	33	GTG	TGA	0	0
mORF_-_3611804	3611804	3611923	-	6	120	ATG	TAG	0	0
mORF_-_3611818	3611818	3611850	-	5	33	ATG	TAA	0	0
mORF_-_3611826	3611826	3611909	-	4	84	TTG	TAG	0	0
mORF_-_3611920	3611920	3611979	-	5	60	TTG	TGA	0	0
mORF_-_3611924	3611924	3612205	-	6	282	ATG	TGA	0	0
mORF_-_3611949	3611949	3612068	-	4	120	TTG	TGA	0	0
mORF_-_3612084	3612084	3612092	-	4	9	GTG	TAA	0	0
mORF_-_3612133	3612133	3612240	-	5	108	GTG	TAG	0	0
mORF_-_3612304	3612304	3612351	-	5	48	ATG	TAG	0	0
mORF_-_3612425	3612425	3612478	-	6	54	TTG	TAA	0	0
mORF_-_3612450	3612450	3612485	-	4	36	GTG	TAA	0	0
mORF_-_3612466	3612466	3612537	-	5	72	TTG	TAA	0	0
mORF_-_3612482	3612482	3612694	-	6	213	TTG	TGA	0	0
mORF_-_3612565	3612565	3612630	-	5	66	GTG	TAA	0	0
mORF_-_3612652	3612652	3612750	-	5	99	ATG	TAG	0	0
mORF_-_3612766	3612766	3612834	-	5	69	ATG	TGA	0	0
mORF_-_3612809	3612809	3612970	-	6	162	GTG	TAA	0	0
mORF_-_3612831	3612831	3612968	-	4	138	GTG	TGA	0	0
mORF_-_3612907	3612907	3613038	-	5	132	TTG	TGA	0	0
mORF_-_3612978	3612978	3613019	-	4	42	GTG	TGA	0	0
mORF_-_3612998	3612998	3613024	-	6	27	TTG	TGA	0	0
mORF_-_3613028	3613028	3613132	-	6	105	ATG	TAA	0	0
mORF_-_3613096	3613096	3613116	-	5	21	ATG	TGA	0	0
mORF_-_3613155	3613155	3613184	-	4	30	TTG	TGA	0	0
mORF_-_3613159	3613159	3613203	-	5	45	ATG	TAA	0	0
mORF_-_3613207	3613207	3613224	-	5	18	GTG	TAG	0	0
mORF_-_3613272	3613272	3613331	-	4	60	ATG	TAA	0	0
mORF_-_3613279	3613279	3613494	-	5	216	ATG	TAA	0	0
mORF_-_3613374	3613374	3613433	-	4	60	ATG	TAA	0	0
mORF_-_3613421	3613421	3613513	-	6	93	ATG	TAG	0	0
mORF_-_3613446	3613446	3613676	-	4	231	ATG	TGA	0	0
mORF_-_3613510	3613510	3613524	-	5	15	TTG	TGA	0	0
mORF_-_3613594	3613594	3613641	-	5	48	ATG	TAA	0	0
mORF_-_3613720	3613720	3613752	-	5	33	TTG	TAA	0	0
mORF_-_3613756	3613756	3613788	-	5	33	GTG	TAG	0	0
mORF_-_3613770	3613770	3613811	-	4	42	ATG	TAA	0	0
mORF_-_3613843	3613843	3614202	-	5	360	GTG	TAA	0	0
mORF_-_3613881	3613881	3614027	-	4	147	ATG	TGA	0	0
mORF_-_3614082	3614082	3614180	-	4	99	ATG	TAG	0	0
mORF_-_3614156	3614156	3614371	-	6	216	GTG	TGA	0	0
mORF_-_3614187	3614187	3614378	-	4	192	GTG	TGA	0	0
mORF_-_3614281	3614281	3614466	-	5	186	ATG	TGA	0	0
mORF_-_3614466	3614466	3614639	-	4	174	GTG	TAA	0	0
mORF_-_3614516	3614516	3614659	-	6	144	ATG	TGA	0	0
mORF_-_3614617	3614617	3614793	-	5	177	TTG	TAA	0	0
mORF_-_3614682	3614682	3614690	-	4	9	TTG	TAG	0	0

mORF_-_3614709	3614709	3615182	-	4	474	TTG	TGA	0	0
mORF_-_3614971	3614971	3615735	-	5	765	TTG	TAA	0	0
mORF_-_3615035	3615035	3615046	-	6	12	TTG	TAG	0	0
mORF_-_3615071	3615071	3615097	-	6	27	GTG	TAG	0	0
mORF_-_3615107	3615107	3615118	-	6	12	TTG	TAA	0	0
mORF_-_3615230	3615230	3615340	-	6	111	GTG	TAA	0	0
mORF_-_3615312	3615312	3615320	-	4	9	GTG	TAA	0	0
mORF_-_3615390	3615390	3615515	-	4	126	GTG	TAA	0	0
mORF_-_3615512	3615512	3615769	-	6	258	ATG	TGA	0	0
mORF_-_3615522	3615522	3615563	-	4	42	GTG	TGA	0	0
mORF_-_3615723	3615723	3615815	-	4	93	ATG	TAA	0	0
mORF_-_3615805	3615805	3615870	-	5	66	ATG	TAA	0	0
mORF_-_3615870	3615870	3616037	-	4	168	TTG	TGA	0	0
mORF_-_3615979	3615979	3616152	-	5	174	GTG	TAA	0	0
mORF_-_3616083	3616083	3616592	-	4	510	GTG	TGA	0	0
mORF_-_3616094	3616094	3616246	-	6	153	GTG	TGA	0	0
mORF_-_3616159	3616159	3616179	-	5	21	TTG	TGA	0	0
mORF_-_3616387	3616387	3616428	-	5	42	GTG	TAG	0	0
mORF_-_3616432	3616432	3616485	-	5	54	TTG	TAA	0	0
mORF_-_3616469	3616469	3616630	-	6	162	GTG	TAA	0	0
mORF_-_3616546	3616546	3616551	-	5	6	TTG	TAG	0	0
mORF_-_3616602	3616602	3616616	-	4	15	TTG	TAA	0	0
mORF_-_3616644	3616644	3616796	-	4	153	GTG	TAA	0	0
mORF_-_3616682	3616682	3616831	-	6	150	GTG	TAA	0	0
mORF_-_3616809	3616809	3616985	-	4	177	ATG	TAA	0	0
mORF_-_3616841	3616841	3616924	-	6	84	ATG	TGA	0	0
mORF_-_3617018	3617018	3617047	-	6	30	TTG	TAA	0	0
mORF_-_3617041	3617041	3617061	-	5	21	GTG	TGA	0	0
mORF_-_3617055	3617055	3617063	-	4	9	GTG	TAG	0	0
mORF_-_3617084	3617084	3617137	-	6	54	TTG	TAG	0	0
mORF_-_3617134	3617134	3617151	-	5	18	GTG	TGA	0	0
mORF_-_3617139	3617139	3617189	-	4	51	ATG	TGA	0	0
mORF_-_3617238	3617238	3617270	-	4	33	ATG	TGA	0	0
mORF_-_3617274	3617274	3617444	-	4	171	GTG	TGA	0	0
mORF_-_3617281	3617281	3617355	-	5	75	ATG	TGA	0	0
mORF_-_3617360	3617360	3617380	-	6	21	TTG	TGA	0	0
mORF_-_3617429	3617429	3617545	-	6	117	GTG	TGA	0	0
mORF_-_3617454	3617454	3617543	-	4	90	GTG	TAA	0	0
mORF_-_3617524	3617524	3617589	-	5	66	GTG	TAA	0	0
mORF_-_3617552	3617552	3617872	-	6	321	GTG	TGA	0	0
mORF_-_3617626	3617626	3617673	-	5	48	GTG	TGA	0	0
mORF_-_3617716	3617716	3618108	-	5	393	GTG	TAA	0	0
mORF_-_3617730	3617730	3617918	-	4	189	GTG	TAA	0	0
mORF_-_3617915	3617915	3618169	-	6	255	GTG	TGA	0	0
mORF_-_3617943	3617943	3618005	-	4	63	ATG	TGA	0	0
mORF_-_3618051	3618051	3618080	-	4	30	ATG	TAA	0	0
mORF_-_3618130	3618130	3618267	-	5	138	GTG	TAA	0	0
mORF_-_3618153	3618153	3618206	-	4	54	TTG	TAG	0	0
mORF_-_3618264	3618264	3618269	-	4	6	GTG	TGA	0	0
mORF_-_3618340	3618340	3618627	-	5	288	GTG	TAA	0	0
mORF_-_3618345	3618345	3618350	-	4	6	GTG	TAG	0	0
mORF_-_3618354	3618354	3618476	-	4	123	GTG	TGA	0	0
mORF_-_3618483	3618483	3618587	-	4	105	GTG	TGA	0	0
mORF_-_3618506	3618506	3618538	-	6	33	TTG	TGA	0	0
mORF_-_3618572	3618572	3618604	-	6	33	ATG	TGA	0	0
mORF_-_3618615	3618615	3618647	-	4	33	GTG	TAG	0	0
mORF_-_3618640	3618640	3618756	-	5	117	GTG	TGA	0	0
mORF_-_3618702	3618702	3618731	-	4	30	GTG	TGA	0	0
mORF_-_3618728	3618728	3618775	-	6	48	TTG	TGA	0	0
mORF_-_3618741	3618741	3618806	-	4	66	ATG	TAA	0	0
mORF_-_3618763	3618763	3618906	-	5	144	GTG	TAA	0	0
mORF_-_3618825	3618825	3618842	-	4	18	GTG	TGA	0	0
mORF_-_3618839	3618839	3618937	-	6	99	ATG	TGA	2	4

pORF_-_3618839

mORF_-_3618924	3618924	3619178	-	4	255	GTG	TGA	0	0	
mORF_-_3618955	3618955	3619677	-	5	723	GTG	TAA	0	0	
mORF_-_3619028	3619028	3619060	-	6	33	GTG	TGA	0	0	
mORF_-_3619142	3619142	3619237	-	6	96	GTG	TGA	0	0	
mORF_-_3619185	3619185	3619235	-	4	51	GTG	TAA	0	0	
mORF_-_3619245	3619245	3619298	-	4	54	GTG	TGA	0	0	
mORF_-_3619308	3619308	3619400	-	4	93	ATG	TAG	0	0	
mORF_-_3619409	3619409	3619645	-	6	237	GTG	TGA	0	0	
mORF_-_3619488	3619488	3619541	-	4	54	TTG	TGA	0	0	
mORF_-_3619614	3619614	3619661	-	4	48	GTG	TAA	0	0	
mORF_-_3619704	3619704	3619718	-	4	15	GTG	TAA	0	0	
mORF_-_3619741	3619741	3620160	-	5	420	TTG	TAA	3	6	pORF_-_3619741
mORF_-_3619782	3619782	3619817	-	4	36	ATG	TAA	0	0	
mORF_-_3619848	3619848	3619859	-	4	12	GTG	TAG	0	0	
mORF_-_3619878	3619878	3619982	-	4	105	ATG	TGA	0	0	
mORF_-_3620037	3620037	3620090	-	4	54	GTG	TGA	0	0	
mORF_-_3620081	3620081	3620272	-	6	192	GTG	TAA	0	0	
mORF_-_3620145	3620145	3620150	-	4	6	GTG	TAG	0	0	
mORF_-_3620193	3620193	3620345	-	4	153	ATG	TAA	0	0	
mORF_-_3620269	3620269	3620919	-	5	651	TTG	TGA	0	0	
mORF_-_3620358	3620358	3620402	-	4	45	GTG	TGA	0	0	
mORF_-_3620372	3620372	3620380	-	6	9	GTG	TGA	0	0	
mORF_-_3620384	3620384	3620575	-	6	192	ATG	TGA	0	0	
mORF_-_3620448	3620448	3620738	-	4	291	TTG	TGA	0	0	
mORF_-_3620687	3620687	3620704	-	6	18	TTG	TGA	0	0	
mORF_-_3620823	3620823	3620828	-	4	6	TTG	TAA	0	0	
mORF_-_3620841	3620841	3620870	-	4	30	GTG	TAA	0	0	
mORF_-_3620916	3620916	3621200	-	4	285	TTG	TGA	0	0	
mORF_-_3620957	3620957	3620986	-	6	30	ATG	TAG	0	0	
mORF_-_3620990	3620990	3621010	-	6	21	GTG	TAG	0	0	
mORF_-_3621044	3621044	3621061	-	6	18	ATG	TAG	0	0	
mORF_-_3621070	3621070	3621090	-	5	21	TTG	TAA	0	0	
mORF_-_3621092	3621092	3621163	-	6	72	GTG	TAG	0	0	
mORF_-_3621164	3621164	3621196	-	6	33	ATG	TAG	0	0	
mORF_-_3621232	3621232	3621264	-	5	33	ATG	TGA	0	0	
mORF_-_3621261	3621261	3621335	-	4	75	TTG	TGA	0	0	
mORF_-_3621332	3621332	3621340	-	6	9	ATG	TGA	0	0	
mORF_-_3621346	3621346	3621387	-	5	42	GTG	TAA	0	0	
mORF_-_3621368	3621368	3621403	-	6	36	TTG	TAA	0	0	
mORF_-_3621415	3621415	3621546	-	5	132	TTG	TAA	0	0	
mORF_-_3621495	3621495	3621509	-	4	15	ATG	TAA	0	0	
mORF_-_3621597	3621597	3621605	-	4	9	ATG	TAG	0	0	
mORF_-_3621627	3621627	3621671	-	4	45	ATG	TAA	0	0	
mORF_-_3621637	3621637	3621717	-	5	81	ATG	TAA	0	0	
mORF_-_3621678	3621678	3621695	-	4	18	TTG	TGA	0	0	
mORF_-_3621686	3621686	3621721	-	6	36	GTG	TAA	0	0	
mORF_-_3621718	3621718	3621765	-	5	48	TTG	TGA	0	0	
mORF_-_3621722	3621722	3621823	-	6	102	TTG	TGA	0	0	
mORF_-_3621750	3621750	3622106	-	4	357	TTG	TAA	0	0	
mORF_-_3621893	3621893	3622036	-	6	144	ATG	TAA	0	0	
mORF_-_3622054	3622054	3622149	-	5	96	TTG	TAA	0	0	
mORF_-_3622076	3622076	3622135	-	6	60	ATG	TAA	0	0	
mORF_-_3622110	3622110	3622199	-	4	90	TTG	TAA	0	0	
mORF_-_3622184	3622184	3622207	-	6	24	ATG	TAA	0	0	
mORF_-_3622235	3622235	3622273	-	6	39	TTG	TAG	0	0	
mORF_-_3622270	3622270	3622290	-	5	21	GTG	TGA	0	0	
mORF_-_3622290	3622290	3622304	-	4	15	ATG	TAG	0	0	
mORF_-_3622351	3622351	3622371	-	5	21	TTG	TAA	0	0	
mORF_-_3622379	3622379	3622399	-	6	21	TTG	TAA	0	0	
mORF_-_3622383	3622383	3622472	-	4	90	ATG	TAG	0	0	
mORF_-_3622488	3622488	3622694	-	4	207	ATG	TAG	0	0	
mORF_-_3622510	3622510	3622560	-	5	51	GTG	TAA	0	0	
mORF_-_3622610	3622610	3622621	-	6	12	ATG	TGA	0	0	

mORF_-_3622642	3622642	3622653	-	5	12	TTG	TGA	0	0	
mORF_-_3622658	3622658	3622717	-	6	60	ATG	TGA	0	0	
mORF_-_3622698	3622698	3622781	-	4	84	ATG	TGA	0	0	
mORF_-_3622714	3622714	3622722	-	5	9	TTG	TGA	0	0	
mORF_-_3622748	3622748	3622756	-	6	9	TTG	TAA	0	0	
mORF_-_3622778	3622778	3622909	-	6	132	GTG	TGA	0	0	
mORF_-_3622786	3622786	3622803	-	5	18	TTG	TAA	0	0	
mORF_-_3622797	3622797	3622955	-	4	159	TTG	TGA	0	0	
mORF_-_3622906	3622906	3623073	-	5	168	TTG	TGA	0	0	
mORF_-_3623043	3623043	3623114	-	4	72	ATG	TAA	0	0	
mORF_-_3623111	3623111	3623206	-	6	96	ATG	TGA	0	0	
mORF_-_3623178	3623178	3623219	-	4	42	TTG	TAA	0	0	
mORF_-_3623249	3623249	3623290	-	6	42	GTG	TAA	0	0	
mORF_-_3623268	3623268	3623330	-	4	63	GTG	TAA	0	0	
mORF_-_3623303	3623303	3623488	-	6	186	ATG	TGA	0	0	
mORF_-_3623400	3623400	3623414	-	4	15	GTG	TGA	0	0	
mORF_-_3623508	3623508	3623567	-	4	60	TTG	TGA	0	0	
mORF_-_3623604	3623604	3623612	-	4	9	ATG	TGA	0	0	
mORF_-_3623609	3623609	3623638	-	6	30	TTG	TGA	0	0	
mORF_-_3623629	3623629	3623766	-	5	138	TTG	TAG	0	0	
mORF_-_3623639	3623639	3623659	-	6	21	GTG	TAG	0	0	
mORF_-_3623681	3623681	3623695	-	6	15	TTG	TAA	0	0	
mORF_-_3623702	3623702	3624910	-	6	1209	GTG	TAA	0	0	
mORF_-_3623779	3623779	3623847	-	5	69	TTG	TGA	0	0	
mORF_-_3623866	3623866	3623919	-	5	54	GTG	TGA	0	0	
mORF_-_3623986	3623986	3624090	-	5	105	GTG	TAG	0	0	
mORF_-_3624163	3624163	3624174	-	5	12	TTG	TGA	0	0	
mORF_-_3624190	3624190	3624222	-	5	33	GTG	TGA	0	0	
mORF_-_3624219	3624219	3624305	-	4	87	GTG	TGA	0	0	
mORF_-_3624247	3624247	3624255	-	5	9	TTG	TGA	0	0	
mORF_-_3624289	3624289	3624387	-	5	99	TTG	TGA	0	0	
mORF_-_3624394	3624394	3624429	-	5	36	ATG	TGA	0	0	
mORF_-_3624448	3624448	3624462	-	5	15	ATG	TGA	0	0	
mORF_-_3624469	3624469	3624507	-	5	39	GTG	TGA	0	0	
mORF_-_3624529	3624529	3624576	-	5	48	ATG	TAA	0	0	
mORF_-_3624573	3624573	3624608	-	4	36	GTG	TGA	0	0	
mORF_-_3624586	3624586	3624666	-	5	81	TTG	TGA	0	0	
mORF_-_3624685	3624685	3624744	-	5	60	TTG	TGA	0	0	
mORF_-_3624751	3624751	3624768	-	5	18	GTG	TGA	0	0	
mORF_-_3624826	3624826	3627561	-	5	2736	ATG	TGA	8	15	pORF_-_3624826
mORF_-_3624914	3624914	3624994	-	6	81	TTG	TGA	0	0	
mORF_-_3625056	3625056	3625091	-	4	36	TTG	TGA	0	0	
mORF_-_3625116	3625116	3625139	-	4	24	TTG	TGA	0	0	
mORF_-_3625173	3625173	3625208	-	4	36	TTG	TGA	0	0	
mORF_-_3625239	3625239	3625289	-	4	51	GTG	TGA	0	0	
mORF_-_3625305	3625305	3625331	-	4	27	TTG	TGA	0	0	
mORF_-_3625398	3625398	3625412	-	4	15	TTG	TGA	0	0	
mORF_-_3625428	3625428	3625460	-	4	33	TTG	TAA	0	0	
mORF_-_3625467	3625467	3625511	-	4	45	ATG	TGA	0	0	
mORF_-_3625551	3625551	3625817	-	4	267	ATG	TAA	0	0	
mORF_-_3625697	3625697	3625759	-	6	63	GTG	TGA	0	0	
mORF_-_3625866	3625866	3626105	-	4	240	TTG	TGA	0	0	
mORF_-_3626075	3626075	3626143	-	6	69	TTG	TGA	0	0	
mORF_-_3626214	3626214	3626267	-	4	54	ATG	TGA	0	0	
mORF_-_3626295	3626295	3626363	-	4	69	TTG	TGA	0	0	
mORF_-_3626388	3626388	3626570	-	4	183	GTG	TGA	0	0	
mORF_-_3626540	3626540	3626563	-	6	24	GTG	TGA	0	0	
mORF_-_3626604	3626604	3626705	-	4	102	TTG	TGA	0	0	
mORF_-_3626715	3626715	3626738	-	4	24	TTG	TGA	0	0	
mORF_-_3626814	3626814	3626897	-	4	84	ATG	TAA	0	0	
mORF_-_3626994	3626994	3627050	-	4	57	TTG	TGA	0	0	
mORF_-_3627047	3627047	3627088	-	4	42	GTG	TGA	0	0	
mORF_-_3627075	3627075	3627095	-	4	21	TTG	TAA	0	0	

mORF_-_3627165	3627165	3627242	-	4	78	ATG	TGA	0	0	
mORF_-_3627354	3627354	3627383	-	4	30	GTG	TGA	0	0	
mORF_-_3627390	3627390	3627431	-	4	42	TTG	TGA	0	0	
mORF_-_3627477	3627477	3627497	-	4	21	ATG	TGA	0	0	
mORF_-_3627558	3627558	3628625	-	4	1068	ATG	TGA	39	274	pORF_-_3627558
mORF_-_3627572	3627572	3627607	-	6	36	ATG	TGA	0	0	
mORF_-_3627586	3627586	3627594	-	5	9	GTG	TGA	0	0	
mORF_-_3627604	3627604	3627621	-	5	18	GTG	TGA	0	0	
mORF_-_3627623	3627623	3627649	-	6	27	ATG	TAG	0	0	
mORF_-_3627710	3627710	3627808	-	6	99	ATG	TGA	0	0	
mORF_-_3627815	3627815	3627829	-	6	15	GTG	TGA	0	0	
mORF_-_3627905	3627905	3627973	-	6	69	GTG	TGA	0	0	
mORF_-_3627983	3627983	3628012	-	6	30	TTG	TGA	0	0	
mORF_-_3628082	3628082	3628165	-	6	84	ATG	TAG	0	0	
mORF_-_3628229	3628229	3628423	-	6	195	TTG	TAG	0	0	
mORF_-_3628436	3628436	3628654	-	6	219	TTG	TGA	0	0	
mORF_-_3628507	3628507	3628599	-	5	93	GTG	TAA	0	0	
mORF_-_3628618	3628618	3628749	-	5	132	ATG	TAA	0	0	
mORF_-_3628665	3628665	3628727	-	4	63	TTG	TAA	0	0	
mORF_-_3628688	3628688	3628828	-	6	141	GTG	TGA	0	0	
mORF_-_3628770	3628770	3628838	-	4	69	ATG	TAA	0	0	
mORF_-_3628801	3628801	3628878	-	5	78	ATG	TGA	0	0	
mORF_-_3628848	3628848	3628898	-	4	51	GTG	TAG	0	0	
mORF_-_3628895	3628895	3628978	-	6	84	ATG	TGA	0	0	
mORF_-_3628905	3628905	3628925	-	4	21	ATG	TGA	0	0	
mORF_-_3628951	3628951	3628968	-	5	18	ATG	TGA	0	0	
mORF_-_3628991	3628991	3630613	-	6	1623	ATG	TGA	1	2	pORF_-_3628991
mORF_-_3629020	3629020	3629052	-	5	33	ATG	TGA	0	0	
mORF_-_3629077	3629077	3629151	-	5	75	GTG	TAA	0	0	
mORF_-_3629100	3629100	3629111	-	4	12	TTG	TAA	0	0	
mORF_-_3629185	3629185	3629223	-	5	39	TTG	TAG	0	0	
mORF_-_3629211	3629211	3629252	-	4	42	ATG	TAA	0	0	
mORF_-_3629254	3629254	3629355	-	5	102	ATG	TAG	0	0	
mORF_-_3629307	3629307	3629321	-	4	15	TTG	TAA	0	0	
mORF_-_3629359	3629359	3629367	-	5	9	ATG	TAA	0	0	
mORF_-_3629392	3629392	3629415	-	5	24	ATG	TAG	0	0	
mORF_-_3629419	3629419	3629430	-	5	12	TTG	TGA	0	0	
mORF_-_3629449	3629449	3629478	-	5	30	TTG	TAG	0	0	
mORF_-_3629482	3629482	3629490	-	5	9	ATG	TAA	0	0	
mORF_-_3629503	3629503	3629523	-	5	21	ATG	TAA	0	0	
mORF_-_3629520	3629520	3629531	-	4	12	ATG	TGA	0	0	
mORF_-_3629545	3629545	3629568	-	5	24	ATG	TAA	0	0	
mORF_-_3629578	3629578	3629625	-	5	48	ATG	TGA	0	0	
mORF_-_3629604	3629604	3629615	-	4	12	TTG	TAA	0	0	
mORF_-_3629635	3629635	3629655	-	5	21	ATG	TAG	0	0	
mORF_-_3629674	3629674	3629703	-	5	30	GTG	TAA	0	0	
mORF_-_3629712	3629712	3629750	-	4	39	ATG	TAG	0	0	
mORF_-_3629830	3629830	3629862	-	5	33	ATG	TAA	0	0	
mORF_-_3629875	3629875	3629898	-	5	24	ATG	TAA	0	0	
mORF_-_3629902	3629902	3630042	-	5	141	TTG	TAG	0	0	
mORF_-_3630039	3630039	3630053	-	4	15	TTG	TGA	0	0	
mORF_-_3630091	3630091	3630192	-	5	102	ATG	TGA	0	0	
mORF_-_3630199	3630199	3630252	-	5	54	TTG	TGA	0	0	
mORF_-_3630207	3630207	3630233	-	4	27	TTG	TAA	0	0	
mORF_-_3630249	3630249	3630260	-	4	12	TTG	TGA	0	0	
mORF_-_3630283	3630283	3630393	-	5	111	ATG	TGA	0	0	
mORF_-_3630390	3630390	3630428	-	4	39	TTG	TGA	0	0	
mORF_-_3630418	3630418	3630432	-	5	15	ATG	TAG	0	0	
mORF_-_3630433	3630433	3630489	-	5	57	GTG	TAG	0	0	
mORF_-_3630490	3630490	3630606	-	5	117	TTG	TAG	0	0	
mORF_-_3630617	3630617	3630625	-	6	9	ATG	TAA	0	0	
mORF_-_3630631	3630631	3630657	-	5	27	ATG	TAA	0	0	
mORF_-_3630659	3630659	3630718	-	6	60	ATG	TAA	0	0	

mORF_-_3630664	3630664	3630711	-	5	48	GTG	TAA	0	0
mORF_-_3630699	3630699	3630728	-	4	30	TTG	TAA	0	0
mORF_-_3630725	3630725	3630733	-	6	9	ATG	TGA	0	0
mORF_-_3630747	3630747	3630791	-	4	45	ATG	TAA	0	0
mORF_-_3630791	3630791	3630799	-	6	9	ATG	TGA	0	0
mORF_-_3630804	3630804	3630809	-	4	6	TTG	TAG	0	0
mORF_-_3630824	3630824	3630868	-	6	45	ATG	TAG	0	0
mORF_-_3630843	3630843	3630893	-	4	51	TTG	TAA	0	0
mORF_-_3630875	3630875	3631267	-	6	393	TTG	TAA	0	0
mORF_-_3630913	3630913	3630933	-	5	21	GTG	TAA	0	0
mORF_-_3630952	3630952	3630975	-	5	24	TTG	TAA	0	0
mORF_-_3630991	3630991	3631125	-	5	135	ATG	TAG	0	0
mORF_-_3631044	3631044	3631067	-	4	24	ATG	TGA	0	0
mORF_-_3631159	3631159	3631179	-	5	21	ATG	TAA	0	0
mORF_-_3631243	3631243	3632517	-	5	1275	TTG	TGA	0	0
mORF_-_3631251	3631251	3631298	-	4	48	ATG	TAA	0	0
mORF_-_3631323	3631323	3631358	-	4	36	ATG	TAA	0	0
mORF_-_3631349	3631349	3631354	-	6	6	TTG	TAA	0	0
mORF_-_3631371	3631371	3631388	-	4	18	GTG	TAA	0	0
mORF_-_3631410	3631410	3631472	-	4	63	ATG	TAG	0	0
mORF_-_3631521	3631521	3631586	-	4	66	TTG	TAA	0	0
mORF_-_3631565	3631565	3631597	-	6	33	TTG	TAG	0	0
mORF_-_3631602	3631602	3631610	-	4	9	ATG	TAA	0	0
mORF_-_3631617	3631617	3631643	-	4	27	ATG	TAA	0	0
mORF_-_3631731	3631731	3631742	-	4	12	GTG	TAA	0	0
mORF_-_3631739	3631739	3631756	-	6	18	TTG	TGA	0	0
mORF_-_3631773	3631773	3631799	-	4	27	ATG	TAG	0	0
mORF_-_3631812	3631812	3631853	-	4	42	ATG	TAG	0	0
mORF_-_3631862	3631862	3631876	-	6	15	GTG	TAA	0	0
mORF_-_3631866	3631866	3631874	-	4	9	GTG	TGA	0	0
mORF_-_3631890	3631890	3631988	-	4	99	GTG	TAG	0	0
mORF_-_3631949	3631949	3631963	-	6	15	TTG	TAA	0	0
mORF_-_3632013	3632013	3632033	-	4	21	TTG	TAG	0	0
mORF_-_3632043	3632043	3632099	-	4	57	TTG	TAA	0	0
mORF_-_3632090	3632090	3632095	-	6	6	GTG	TAA	0	0
mORF_-_3632127	3632127	3632135	-	4	9	ATG	TAA	0	0
mORF_-_3632211	3632211	3632267	-	4	57	ATG	TAG	0	0
mORF_-_3632228	3632228	3632239	-	6	12	ATG	TAA	0	0
mORF_-_3632268	3632268	3632315	-	4	48	TTG	TAA	0	0
mORF_-_3632325	3632325	3632360	-	4	36	TTG	TAG	0	0
mORF_-_3632361	3632361	3632471	-	4	111	TTG	TAG	0	0
mORF_-_3632468	3632468	3632671	-	6	204	ATG	TGA	0	0
mORF_-_3632683	3632683	3632706	-	5	24	ATG	TAA	0	0
mORF_-_3632696	3632696	3632770	-	6	75	ATG	TAA	0	0
mORF_-_3632777	3632777	3632794	-	6	18	ATG	TAA	0	0
mORF_-_3632794	3632794	3632892	-	5	99	TTG	TAA	0	0
mORF_-_3632799	3632799	3632834	-	4	36	TTG	TAA	0	0
mORF_-_3632819	3632819	3632827	-	6	9	ATG	TAA	0	0
mORF_-_3632907	3632907	3633020	-	4	114	ATG	TAA	0	0
mORF_-_3632954	3632954	3632986	-	6	33	ATG	TGA	0	0
mORF_-_3632983	3632983	3633057	-	5	75	GTG	TGA	0	0
mORF_-_3633027	3633027	3633035	-	4	9	ATG	TAG	0	0
mORF_-_3633066	3633066	3633086	-	4	21	ATG	TAA	0	0
mORF_-_3633076	3633076	3633096	-	5	21	ATG	TAA	0	0
mORF_-_3633096	3633096	3633116	-	4	21	TTG	TAA	0	0
mORF_-_3633103	3633103	3633156	-	5	54	TTG	TAG	0	0
mORF_-_3633120	3633120	3633143	-	4	24	GTG	TGA	0	0
mORF_-_3633146	3633146	3633190	-	6	45	ATG	TAA	0	0
mORF_-_3633192	3633192	3633245	-	4	54	ATG	TAA	0	0
mORF_-_3633242	3633242	3633253	-	6	12	GTG	TGA	0	0
mORF_-_3633250	3633250	3633288	-	5	39	TTG	TGA	0	0
mORF_-_3633261	3633261	3633323	-	4	63	ATG	TGA	0	0
mORF_-_3633313	3633313	3633411	-	5	99	ATG	TAA	0	0

mORF_-_3633387	3633387	3633521	-	4	135	TTG	TAA	0	0	
mORF_-_3633395	3633395	3633436	-	6	42	GTG	TAA	0	0	
mORF_-_3633433	3633433	3633489	-	5	57	GTG	TGA	0	0	
mORF_-_3633470	3633470	3633502	-	6	33	TTG	TAG	0	0	
mORF_-_3633518	3633518	3633532	-	6	15	GTG	TGA	0	0	
mORF_-_3633544	3633544	3633636	-	5	93	ATG	TAA	0	0	
mORF_-_3633552	3633552	3633569	-	4	18	TTG	TAA	0	0	
mORF_-_3633600	3633600	3633614	-	4	15	TTG	TGA	0	0	
mORF_-_3633642	3633642	3633698	-	4	57	GTG	TAA	0	0	
mORF_-_3633664	3633664	3634056	-	5	393	ATG	TAA	0	0	
mORF_-_3633753	3633753	3633782	-	4	30	ATG	TGA	0	0	
mORF_-_3633864	3633864	3633887	-	4	24	TTG	TAA	0	0	
mORF_-_3633890	3633890	3633922	-	6	33	TTG	TAA	0	0	
mORF_-_3633906	3633906	3633950	-	4	45	ATG	TAG	0	0	
mORF_-_3633996	3633996	3634004	-	4	9	ATG	TAA	0	0	
mORF_-_3634010	3634010	3634108	-	6	99	GTG	TAA	0	0	
mORF_-_3634060	3634060	3634092	-	5	33	TTG	TGA	0	0	
mORF_-_3634093	3634093	3634122	-	5	30	ATG	TGA	0	0	
mORF_-_3634131	3634131	3634139	-	4	9	GTG	TGA	0	0	
mORF_-_3634136	3634136	3634147	-	6	12	ATG	TGA	0	0	
mORF_-_3634147	3634147	3634161	-	5	15	GTG	TAA	0	0	
mORF_-_3634158	3634158	3634178	-	4	21	TTG	TGA	0	0	
mORF_-_3634181	3634181	3634291	-	6	111	GTG	TAA	0	0	
mORF_-_3634203	3634203	3634250	-	4	48	TTG	TAG	0	0	
mORF_-_3634231	3634231	3635433	-	5	1203	GTG	TGA	3	2	pORF_-_3634231
mORF_-_3634251	3634251	3634277	-	4	27	GTG	TGA	0	0	
mORF_-_3634482	3634482	3634499	-	4	18	GTG	TGA	0	0	
mORF_-_3634515	3634515	3634559	-	4	45	TTG	TAA	0	0	
mORF_-_3634596	3634596	3634631	-	4	36	ATG	TGA	0	0	
mORF_-_3634632	3634632	3634760	-	4	129	GTG	TGA	0	0	
mORF_-_3634788	3634788	3634955	-	4	168	GTG	TGA	0	0	
mORF_-_3634910	3634910	3634981	-	6	72	TTG	TAA	0	0	
mORF_-_3634998	3634998	3635036	-	4	39	GTG	TGA	0	0	
mORF_-_3635048	3635048	3635083	-	6	36	GTG	TAG	0	0	
mORF_-_3635064	3635064	3635123	-	4	60	ATG	TGA	0	0	
mORF_-_3635139	3635139	3635186	-	4	48	TTG	TAG	0	0	
mORF_-_3635183	3635183	3635197	-	6	15	GTG	TGA	0	0	
mORF_-_3635222	3635222	3635227	-	6	6	TTG	TAA	0	0	
mORF_-_3635244	3635244	3635333	-	4	90	ATG	TGA	0	0	
mORF_-_3635340	3635340	3635399	-	4	60	GTG	TGA	0	0	
mORF_-_3635406	3635406	3635423	-	4	18	TTG	TAG	0	0	
mORF_-_3635420	3635420	3635563	-	6	144	ATG	TGA	0	0	
mORF_-_3635529	3635529	3635597	-	4	69	GTG	TAA	0	0	
mORF_-_3635542	3635542	3635574	-	5	33	TTG	TAA	0	0	
mORF_-_3635594	3635594	3635620	-	6	27	GTG	TGA	0	0	
mORF_-_3635617	3635617	3635640	-	5	24	ATG	TGA	0	0	
mORF_-_3635637	3635637	3635648	-	4	12	TTG	TGA	0	0	
mORF_-_3635663	3635663	3635722	-	6	60	GTG	TAG	0	0	
mORF_-_3635668	3635668	3635697	-	5	30	ATG	TAG	0	0	
mORF_-_3635710	3635710	3635940	-	5	231	ATG	TAA	0	0	
mORF_-_3635739	3635739	3635774	-	4	36	TTG	TAG	0	0	
mORF_-_3635750	3635750	3635785	-	6	36	TTG	TGA	0	0	
mORF_-_3635814	3635814	3635846	-	4	33	TTG	TGA	0	0	
mORF_-_3635883	3635883	3635891	-	4	9	ATG	TAG	0	0	
mORF_-_3635937	3635937	3635951	-	4	15	ATG	TGA	0	0	
mORF_-_3635978	3635978	3636019	-	6	42	ATG	TAA	0	0	
mORF_-_3636010	3636010	3636030	-	5	21	ATG	TAA	0	0	
mORF_-_3636027	3636027	3636107	-	4	81	TTG	TGA	0	0	
mORF_-_3636047	3636047	3636103	-	6	57	GTG	TGA	0	0	
mORF_-_3636121	3636121	3636495	-	5	375	ATG	TAA	0	0	
mORF_-_3636201	3636201	3636272	-	4	72	TTG	TAG	0	0	
mORF_-_3636354	3636354	3636431	-	4	78	GTG	TGA	0	0	
mORF_-_3636435	3636435	3636470	-	4	36	TTG	TAG	0	0	

mORF_-_3636480	3636480	3636509	-	4	30	TTG	TAA	0	0
mORF_-_3636515	3636515	3636559	-	6	45	TTG	TAG	0	0
mORF_-_3636528	3636528	3636635	-	4	108	GTG	TGA	0	0
mORF_-_3636532	3636532	3636672	-	5	141	TTG	TAA	0	0
mORF_-_3636648	3636648	3636656	-	4	9	TTG	TAG	0	0
mORF_-_3636669	3636669	3636722	-	4	54	TTG	TGA	0	0
mORF_-_3636756	3636756	3636917	-	4	162	ATG	TGA	0	0
mORF_-_3636791	3636791	3636811	-	6	21	GTG	TAA	0	0
mORF_-_3636824	3636824	3636883	-	6	60	TTG	TGA	0	0
mORF_-_3636844	3636844	3637008	-	5	165	GTG	TAA	0	0
mORF_-_3636978	3636978	3637001	-	4	24	GTG	TAA	0	0
mORF_-_3637005	3637005	3637082	-	4	78	ATG	TGA	0	0
mORF_-_3637057	3637057	3637215	-	5	159	ATG	TAA	0	0
mORF_-_3637100	3637100	3637177	-	6	78	TTG	TAA	0	0
mORF_-_3637188	3637188	3637331	-	4	144	TTG	TGA	0	0
mORF_-_3637202	3637202	3637231	-	6	30	ATG	TGA	0	0
mORF_-_3637262	3637262	3637273	-	6	12	ATG	TAG	0	0
mORF_-_3637280	3637280	3637324	-	6	45	ATG	TGA	0	0
mORF_-_3637361	3637361	3637456	-	6	96	GTG	TGA	0	0
mORF_-_3637408	3637408	3637743	-	5	336	ATG	TAA	0	0
mORF_-_3637422	3637422	3637430	-	4	9	TTG	TGA	0	0
mORF_-_3637431	3637431	3637454	-	4	24	GTG	TGA	0	0
mORF_-_3637467	3637467	3637616	-	4	150	ATG	TGA	0	0
mORF_-_3637514	3637514	3637555	-	6	42	TTG	TGA	0	0
mORF_-_3637653	3637653	3637709	-	4	57	GTG	TAG	0	0
mORF_-_3637691	3637691	3637720	-	6	30	TTG	TAA	0	0
mORF_-_3637740	3637740	3637820	-	4	81	GTG	TGA	0	0
mORF_-_3637786	3637786	3637809	-	5	24	TTG	TAG	0	0
mORF_-_3637810	3637810	3637857	-	5	48	ATG	TGA	0	0
mORF_-_3637868	3637868	3638017	-	6	150	GTG	TAG	0	0
mORF_-_3637951	3637951	3637983	-	5	33	ATG	TAG	0	0
mORF_-_3638011	3638011	3638247	-	5	237	GTG	TAA	0	0
mORF_-_3638025	3638025	3638084	-	4	60	TTG	TAA	0	0
mORF_-_3638115	3638115	3638132	-	4	18	GTG	TAA	0	0
mORF_-_3638139	3638139	3638183	-	4	45	TTG	TAA	0	0
mORF_-_3638220	3638220	3638225	-	4	6	TTG	TAG	0	0
mORF_-_3638259	3638259	3638318	-	4	60	ATG	TAG	0	0
mORF_-_3638269	3638269	3638526	-	5	258	GTG	TAG	0	0
mORF_-_3638282	3638282	3638341	-	6	60	GTG	TAA	0	0
mORF_-_3638334	3638334	3638357	-	4	24	GTG	TGA	0	0
mORF_-_3638357	3638357	3638374	-	6	18	TTG	TAG	0	0
mORF_-_3638367	3638367	3638432	-	4	66	TTG	TAG	0	0
mORF_-_3638375	3638375	3638428	-	6	54	TTG	TGA	0	0
mORF_-_3638429	3638429	3638503	-	6	75	GTG	TGA	0	0
mORF_-_3638463	3638463	3638486	-	4	24	TTG	TGA	0	0
mORF_-_3638505	3638505	3638519	-	4	15	GTG	TGA	0	0
mORF_-_3638577	3638577	3638603	-	4	27	ATG	TAG	0	0
mORF_-_3638635	3638635	3638709	-	5	75	ATG	TAA	0	0
mORF_-_3638643	3638643	3638684	-	4	42	TTG	TGA	0	0
mORF_-_3638666	3638666	3638746	-	6	81	ATG	TAG	0	0
mORF_-_3638751	3638751	3638930	-	4	180	ATG	TAA	0	0
mORF_-_3638783	3638783	3638794	-	6	12	TTG	TGA	0	0
mORF_-_3638840	3638840	3638851	-	6	12	ATG	TAA	0	0
mORF_-_3638857	3638857	3638937	-	5	81	ATG	TGA	0	0
mORF_-_3638876	3638876	3638920	-	6	45	TTG	TAA	0	0
mORF_-_3638954	3638954	3639112	-	6	159	GTG	TAA	0	0
mORF_-_3638974	3638974	3639048	-	5	75	GTG	TAG	0	0
mORF_-_3639073	3639073	3639090	-	5	18	ATG	TAG	0	0
mORF_-_3639081	3639081	3639149	-	4	69	GTG	TGA	0	0
mORF_-_3639097	3639097	3639135	-	5	39	ATG	TAG	0	0
mORF_-_3639166	3639166	3639213	-	5	48	ATG	TAG	0	0
mORF_-_3639255	3639255	3639317	-	4	63	ATG	TAG	0	0
mORF_-_3639283	3639283	3639321	-	5	39	GTG	TAG	0	0

mORF_-_3639328	3639328	3639345	-	5	18	ATG	TAG	0	0	
mORF_-_3639397	3639397	3639408	-	5	12	GTG	TAA	0	0	
mORF_-_3639409	3639409	3639414	-	5	6	TTG	TAG	0	0	
mORF_-_3639435	3639435	3639509	-	4	75	TTG	TAA	0	0	
mORF_-_3639451	3639451	3639639	-	5	189	ATG	TAA	0	0	
mORF_-_3639516	3639516	3639572	-	4	57	ATG	TGA	0	0	
mORF_-_3639536	3639536	3639889	-	6	354	ATG	TAA	0	0	
mORF_-_3639636	3639636	3639656	-	4	21	ATG	TGA	0	0	
mORF_-_3639649	3639649	3639681	-	5	33	TTG	TGA	0	0	
mORF_-_3639657	3639657	3639755	-	4	99	ATG	TGA	0	0	
mORF_-_3639727	3639727	3639732	-	5	6	ATG	TAA	0	0	
mORF_-_3639736	3639736	3639780	-	5	45	TTG	TAG	0	0	
mORF_-_3639787	3639787	3639879	-	5	93	ATG	TGA	0	0	
mORF_-_3639834	3639834	3639866	-	4	33	TTG	TAA	0	0	
mORF_-_3639880	3639880	3639942	-	5	63	ATG	TAA	0	0	
mORF_-_3639945	3639945	3640022	-	4	78	ATG	TAA	0	0	
mORF_-_3639953	3639953	3640006	-	6	54	TTG	TGA	0	0	
mORF_-_3640055	3640055	3640351	-	6	297	ATG	TAA	0	0	
mORF_-_3640128	3640128	3640193	-	4	66	ATG	TAA	0	0	
mORF_-_3640180	3640180	3640215	-	5	36	ATG	TAG	0	0	
mORF_-_3640243	3640243	3640329	-	5	87	ATG	TAG	0	0	
mORF_-_3640387	3640387	3640431	-	5	45	TTG	TAG	0	0	
mORF_-_3640403	3640403	3641260	-	6	858	GTG	TAA	2	9	pORF_-_3640403
mORF_-_3640450	3640450	3640473	-	5	24	ATG	TAG	0	0	
mORF_-_3640504	3640504	3640593	-	5	90	GTG	TAA	0	0	
mORF_-_3640708	3640708	3641016	-	5	309	GTG	TAA	0	0	
mORF_-_3641059	3641059	3641139	-	5	81	TTG	TGA	0	0	
mORF_-_3641163	3641163	3643244	-	4	2082	TTG	TGA	91	604	pORF_-_3641163
mORF_-_3641264	3641264	3641749	-	6	486	GTG	TGA	0	0	
mORF_-_3641353	3641353	3641361	-	5	9	GTG	TGA	0	0	
mORF_-_3641638	3641638	3641724	-	5	87	GTG	TGA	0	0	
mORF_-_3641813	3641813	3641848	-	6	36	ATG	TGA	0	0	
mORF_-_3641866	3641866	3641871	-	5	6	TTG	TAA	0	0	
mORF_-_3641873	3641873	3641905	-	6	33	ATG	TGA	0	0	
mORF_-_3641924	3641924	3642256	-	6	333	GTG	TAG	0	0	
mORF_-_3641932	3641932	3641943	-	5	12	GTG	TGA	0	0	
mORF_-_3642157	3642157	3642213	-	5	57	GTG	TGA	0	0	
mORF_-_3642311	3642311	3642382	-	6	72	TTG	TAA	0	0	
mORF_-_3642431	3642431	3642511	-	6	81	GTG	TGA	0	0	
mORF_-_3642442	3642442	3642450	-	5	9	ATG	TAA	0	0	
mORF_-_3642569	3642569	3642742	-	6	174	TTG	TGA	0	0	
mORF_-_3642779	3642779	3642817	-	6	39	TTG	TAG	0	0	
mORF_-_3642839	3642839	3642898	-	6	60	ATG	TGA	0	0	
mORF_-_3642905	3642905	3642958	-	6	54	GTG	TAG	0	0	
mORF_-_3642986	3642986	3643024	-	6	39	ATG	TGA	0	0	
mORF_-_3643127	3643127	3643180	-	6	54	TTG	TGA	0	0	
mORF_-_3643177	3643177	3643296	-	5	120	TTG	TGA	0	0	
mORF_-_3643253	3643253	3643258	-	6	6	ATG	TAA	0	0	
mORF_-_3643293	3643293	3643409	-	4	117	ATG	TGA	0	0	
mORF_-_3643388	3643388	3643399	-	6	12	GTG	TAA	0	0	
mORF_-_3643402	3643402	3643533	-	5	132	GTG	TAA	0	0	
mORF_-_3643431	3643431	3643442	-	4	12	TTG	TGA	0	0	
mORF_-_3643470	3643470	3643484	-	4	15	ATG	TGA	0	0	
mORF_-_3643518	3643518	3643529	-	4	12	GTG	TAG	0	0	
mORF_-_3643551	3643551	3643673	-	4	123	TTG	TGA	0	0	
mORF_-_3643555	3643555	3643668	-	5	114	GTG	TAA	0	0	
mORF_-_3643726	3643726	3643767	-	5	42	GTG	TAG	0	0	
mORF_-_3643800	3643800	3643859	-	4	60	TTG	TGA	0	0	
mORF_-_3643885	3643885	3644220	-	5	336	GTG	TAA	0	0	
mORF_-_3643937	3643937	3643987	-	6	51	GTG	TGA	0	0	
mORF_-_3643956	3643956	3643973	-	4	18	GTG	TAA	0	0	
mORF_-_3644010	3644010	3645359	-	4	1350	ATG	TGA	0	0	
mORF_-_3644135	3644135	3644269	-	6	135	GTG	TAA	0	0	

mORF_-_3644285	3644285	3644290	-	6	6	TTG	TAG	0	0
mORF_-_3644300	3644300	3644323	-	6	24	ATG	TGA	0	0
mORF_-_3644339	3644339	3644443	-	6	105	GTG	TAA	0	0
mORF_-_3644528	3644528	3644560	-	6	33	TTG	TAA	0	0
mORF_-_3644615	3644615	3644713	-	6	99	GTG	TAG	0	0
mORF_-_3644720	3644720	3644737	-	6	18	GTG	TGA	0	0
mORF_-_3644849	3644849	3645133	-	6	285	TTG	TAA	0	0
mORF_-_3645157	3645157	3645255	-	5	99	GTG	TAG	0	0
mORF_-_3645191	3645191	3645202	-	6	12	TTG	TGA	0	0
mORF_-_3645215	3645215	3645307	-	6	93	TTG	TAA	0	0
mORF_-_3645326	3645326	3645337	-	6	12	ATG	TAA	0	0
mORF_-_3645381	3645381	3645638	-	4	258	GTG	TAA	0	0
mORF_-_3645419	3645419	3645472	-	6	54	GTG	TGA	0	0
mORF_-_3645466	3645466	3645666	-	5	201	TTG	TGA	0	0
mORF_-_3645473	3645473	3645493	-	6	21	ATG	TGA	0	0
mORF_-_3645536	3645536	3645634	-	6	99	ATG	TGA	0	0
mORF_-_3645728	3645728	3645877	-	6	150	ATG	TGA	0	0
mORF_-_3645757	3645757	3645774	-	5	18	TTG	TGA	0	0
mORF_-_3645784	3645784	3645807	-	5	24	TTG	TAG	0	0
mORF_-_3645804	3645804	3645824	-	4	21	ATG	TGA	0	0
mORF_-_3645849	3645849	3645860	-	4	12	GTG	TAA	0	0
mORF_-_3645853	3645853	3645936	-	5	84	GTG	TGA	0	0
mORF_-_3645867	3645867	3645884	-	4	18	ATG	TGA	0	0
mORF_-_3645903	3645903	3645920	-	4	18	ATG	TGA	0	0
mORF_-_3645920	3645920	3645976	-	6	57	ATG	TGA	0	0
mORF_-_3645924	3645924	3646055	-	4	132	TTG	TAA	0	0
mORF_-_3646031	3646031	3646045	-	6	15	GTG	TAA	0	0
mORF_-_3646061	3646061	3646078	-	6	18	ATG	TGA	0	0
mORF_-_3646097	3646097	3646123	-	6	27	TTG	TAG	0	0
mORF_-_3646111	3646111	3646185	-	5	75	TTG	TGA	0	0
mORF_-_3646125	3646125	3646286	-	4	162	TTG	TGA	0	0
mORF_-_3646166	3646166	3646171	-	6	6	ATG	TAA	0	0
mORF_-_3646189	3646189	3646296	-	5	108	GTG	TAA	0	0
mORF_-_3646289	3646289	3646354	-	6	66	TTG	TAA	0	0
mORF_-_3646356	3646356	3646469	-	4	114	GTG	TGA	0	0
mORF_-_3646421	3646421	3646441	-	6	21	TTG	TGA	0	0
mORF_-_3646445	3646445	3646450	-	6	6	GTG	TGA	0	0
mORF_-_3646454	3646454	3646477	-	6	24	ATG	TAA	0	0
mORF_-_3646470	3646470	3646475	-	4	6	GTG	TAA	0	0
mORF_-_3646481	3646481	3646537	-	6	57	TTG	TAA	0	0
mORF_-_3646525	3646525	3646557	-	5	33	ATG	TAG	0	0
mORF_-_3646538	3646538	3646741	-	6	204	TTG	TGA	0	0
mORF_-_3646563	3646563	3646574	-	4	12	TTG	TAA	0	0
mORF_-_3646624	3646624	3646788	-	5	165	ATG	TGA	0	0
mORF_-_3646641	3646641	3646700	-	4	60	GTG	TAA	0	0
mORF_-_3646725	3646725	3646760	-	4	36	ATG	TAG	0	0
mORF_-_3646770	3646770	3646922	-	4	153	ATG	TGA	0	0
mORF_-_3646838	3646838	3646894	-	6	57	ATG	TGA	0	0
mORF_-_3646909	3646909	3646920	-	5	12	GTG	TAA	0	0
mORF_-_3646942	3646942	3647526	-	5	585	GTG	TAA	0	0
mORF_-_3647001	3647001	3647042	-	4	42	TTG	TAA	0	0
mORF_-_3647063	3647063	3647203	-	6	141	GTG	TAA	0	0
mORF_-_3647154	3647154	3647210	-	4	57	GTG	TGA	0	0
mORF_-_3647304	3647304	3647315	-	4	12	GTG	TAA	0	0
mORF_-_3647537	3647537	3647542	-	6	6	ATG	TAA	0	0
mORF_-_3647545	3647545	3647556	-	5	12	TTG	TAG	0	0
mORF_-_3647572	3647572	3647709	-	5	138	ATG	TAG	0	0
mORF_-_3647732	3647732	3647758	-	6	27	ATG	TAA	0	0
mORF_-_3647755	3647755	3647823	-	5	69	ATG	TGA	0	0
mORF_-_3647836	3647836	3648030	-	5	195	TTG	TAA	0	0
mORF_-_3647958	3647958	3648017	-	4	60	ATG	TAA	0	0
mORF_-_3648043	3648043	3648051	-	5	9	TTG	TAA	0	0
mORF_-_3648081	3648081	3648089	-	4	9	TTG	TAA	0	0

mORF_-_3648107	3648107	3648121	-	6	15	GTG	TAG	0	0	
mORF_-_3648160	3648160	3648276	-	5	117	ATG	TAA	0	0	
mORF_-_3648224	3648224	3648358	-	6	135	ATG	TAG	0	0	
mORF_-_3648280	3648280	3648339	-	5	60	GTG	TGA	0	0	
mORF_-_3648351	3648351	3648377	-	4	27	TTG	TAA	0	0	
mORF_-_3648358	3648358	3648402	-	5	45	ATG	TAA	0	0	
mORF_-_3648500	3648500	3648523	-	6	24	GTG	TAA	0	0	
mORF_-_3648517	3648517	3648705	-	5	189	GTG	TGA	0	0	
mORF_-_3648534	3648534	3648629	-	4	96	ATG	TAA	0	0	
mORF_-_3648584	3648584	3648619	-	6	36	TTG	TGA	0	0	
mORF_-_3648767	3648767	3648772	-	6	6	TTG	TAG	0	0	
mORF_-_3648800	3648800	3648829	-	6	30	ATG	TAA	0	0	
mORF_-_3648829	3648829	3648891	-	5	63	ATG	TGA	0	0	
mORF_-_3648846	3648846	3648875	-	4	30	TTG	TAA	0	0	
mORF_-_3648938	3648938	3648982	-	6	45	TTG	TAA	0	0	
mORF_-_3648972	3648972	3648977	-	4	6	GTG	TAA	0	0	
mORF_-_3649007	3649007	3649030	-	6	24	ATG	TAA	0	0	
mORF_-_3649023	3649023	3649028	-	4	6	GTG	TAA	0	0	
mORF_-_3649031	3649031	3649063	-	6	33	GTG	TAG	0	0	
mORF_-_3649039	3649039	3649044	-	5	6	TTG	TGA	0	0	
mORF_-_3649051	3649051	3649059	-	5	9	GTG	TGA	0	0	
mORF_-_3649056	3649056	3649076	-	4	21	ATG	TGA	0	0	
mORF_-_3649086	3649086	3649100	-	4	15	ATG	TAA	0	0	
mORF_-_3649125	3649125	3649157	-	4	33	GTG	TAA	0	0	
mORF_-_3649139	3649139	3649159	-	6	21	TTG	TAG	0	0	
mORF_-_3649150	3649150	3649191	-	5	42	TTG	TAA	0	0	
mORF_-_3649198	3649198	3649287	-	5	90	ATG	TAA	0	0	
mORF_-_3649221	3649221	3649226	-	4	6	ATG	TAA	0	0	
mORF_-_3649259	3649259	3649294	-	6	36	TTG	TAG	0	0	
mORF_-_3649312	3649312	3649320	-	5	9	TTG	TAA	0	0	
mORF_-_3649317	3649317	3649490	-	4	174	TTG	TGA	0	0	
mORF_-_3649327	3649327	3649380	-	5	54	TTG	TAA	0	0	
mORF_-_3649364	3649364	3649459	-	6	96	GTG	TAA	0	0	
mORF_-_3649393	3649393	3649410	-	5	18	GTG	TAG	0	0	
mORF_-_3649450	3649450	3649461	-	5	12	ATG	TAA	0	0	
mORF_-_3649497	3649497	3649535	-	4	39	GTG	TAA	0	0	
mORF_-_3649514	3649514	3649543	-	6	30	GTG	TGA	0	0	
mORF_-_3649543	3649543	3649569	-	5	27	TTG	TAG	0	0	
mORF_-_3649566	3649566	3649646	-	4	81	TTG	TGA	0	0	
mORF_-_3649580	3649580	3649606	-	6	27	ATG	TGA	0	0	
mORF_-_3649600	3649600	3649626	-	5	27	GTG	TAG	0	0	
mORF_-_3649630	3649630	3649650	-	5	21	TTG	TAA	0	0	
mORF_-_3649647	3649647	3649796	-	4	150	TTG	TGA	0	0	
mORF_-_3649658	3649658	3649801	-	6	144	ATG	TGA	0	0	
mORF_-_3649726	3649726	3649743	-	5	18	TTG	TAG	0	0	
mORF_-_3649756	3649756	3649785	-	5	30	ATG	TAA	0	0	
mORF_-_3649806	3649806	3649832	-	4	27	TTG	TGA	0	0	
mORF_-_3649819	3649819	3649848	-	5	30	TTG	TAA	0	0	
mORF_-_3649842	3649842	3649880	-	4	39	TTG	TAA	0	0	
mORF_-_3649877	3649877	3649963	-	6	87	TTG	TGA	0	0	
mORF_-_3649893	3649893	3649907	-	4	15	GTG	TAA	0	0	
mORF_-_3649960	3649960	3650007	-	5	48	TTG	TGA	0	0	
mORF_-_3650012	3650012	3650044	-	6	33	GTG	TAA	0	0	
mORF_-_3650041	3650041	3650052	-	5	12	TTG	TGA	0	0	
mORF_-_3650055	3650055	3650105	-	4	51	ATG	TAA	0	0	
mORF_-_3650102	3650102	3650110	-	6	9	ATG	TGA	0	0	
mORF_-_3650107	3650107	3650118	-	5	12	ATG	TGA	0	0	
mORF_-_3650160	3650160	3650183	-	4	24	ATG	TAG	0	0	
mORF_-_3650164	3650164	3650223	-	5	60	GTG	TAA	0	0	
mORF_-_3650205	3650205	3651221	-	4	1017	ATG	TAA	46	158	pORF_-_3650205
mORF_-_3650465	3650465	3650584	-	6	120	ATG	TGA	0	0	
mORF_-_3650581	3650581	3650670	-	5	90	GTG	TGA	0	0	
mORF_-_3650618	3650618	3650644	-	6	27	TTG	TGA	0	0	

mORF_-_3650654	3650654	3650758	-	6	105	ATG	TGA	0	0
mORF_-_3650867	3650867	3650965	-	6	99	ATG	TGA	0	0
mORF_-_3650896	3650896	3650982	-	5	87	TTG	TAG	0	0
mORF_-_3650969	3650969	3651157	-	6	189	GTG	TGA	0	0
mORF_-_3651037	3651037	3651087	-	5	51	ATG	TAA	0	0
mORF_-_3651182	3651182	3651229	-	6	48	ATG	TGA	0	0
mORF_-_3651226	3651226	3651456	-	5	231	ATG	TGA	0	0
mORF_-_3651231	3651231	3651248	-	4	18	GTG	TGA	0	0
mORF_-_3651272	3651272	3651286	-	6	15	GTG	TAA	0	0
mORF_-_3651288	3651288	3651353	-	4	66	ATG	TAG	0	0
mORF_-_3651299	3651299	3651331	-	6	33	TTG	TAA	0	0
mORF_-_3651363	3651363	3651407	-	4	45	TTG	TAA	0	0
mORF_-_3651411	3651411	3651446	-	4	36	ATG	TAA	0	0
mORF_-_3651458	3651458	3651583	-	6	126	TTG	TAA	0	0
mORF_-_3651490	3651490	3651531	-	5	42	TTG	TAA	0	0
mORF_-_3651510	3651510	3651545	-	4	36	ATG	TAA	0	0
mORF_-_3651580	3651580	3651618	-	5	39	GTG	TGA	0	0
mORF_-_3651594	3651594	3651638	-	4	45	GTG	TAA	0	0
mORF_-_3651611	3651611	3651616	-	6	6	GTG	TGA	0	0
mORF_-_3651642	3651642	3651752	-	4	111	GTG	TAG	0	0
mORF_-_3651707	3651707	3651715	-	6	9	ATG	TGA	0	0
mORF_-_3651746	3651746	3651763	-	6	18	ATG	TAA	0	0
mORF_-_3651780	3651780	3651803	-	4	24	GTG	TAA	0	0
mORF_-_3651790	3651790	3651798	-	5	9	TTG	TAA	0	0
mORF_-_3651803	3651803	3651841	-	6	39	TTG	TAG	0	0
mORF_-_3651826	3651826	3651834	-	5	9	GTG	TGA	0	0
mORF_-_3651831	3651831	3651857	-	4	27	GTG	TGA	0	0
mORF_-_3651854	3651854	3651880	-	6	27	ATG	TGA	0	0
mORF_-_3651858	3651858	3651908	-	4	51	ATG	TAG	0	0
mORF_-_3651890	3651890	3651913	-	6	24	GTG	TAA	0	0
mORF_-_3651932	3651932	3652069	-	6	138	TTG	TAG	0	0
mORF_-_3651949	3651949	3652005	-	5	57	GTG	TAA	0	0
mORF_-_3652012	3652012	3652047	-	5	36	TTG	TGA	0	0
mORF_-_3652044	3652044	3652109	-	4	66	ATG	TGA	0	0
mORF_-_3652122	3652122	3652139	-	4	18	TTG	TAA	0	0
mORF_-_3652133	3652133	3652180	-	6	48	TTG	TGA	0	0
mORF_-_3652209	3652209	3652592	-	4	384	ATG	TAA	0	0
mORF_-_3652223	3652223	3652249	-	6	27	TTG	TAG	0	0
mORF_-_3652310	3652310	3652336	-	6	27	ATG	TGA	0	0
mORF_-_3652337	3652337	3652441	-	6	105	GTG	TGA	0	0
mORF_-_3652432	3652432	3652533	-	5	102	GTG	TAA	0	0
mORF_-_3652505	3652505	3652513	-	6	9	TTG	TAG	0	0
mORF_-_3652523	3652523	3652546	-	6	24	TTG	TGA	0	0
mORF_-_3652543	3652543	3652596	-	5	54	ATG	TGA	0	0
mORF_-_3652596	3652596	3652667	-	4	72	TTG	TAA	0	0
mORF_-_3652606	3652606	3652614	-	5	9	GTG	TAA	0	0
mORF_-_3652673	3652673	3652819	-	6	147	ATG	TAA	0	0
mORF_-_3652681	3652681	3652758	-	5	78	ATG	TAA	0	0
mORF_-_3652819	3652819	3652836	-	5	18	ATG	TGA	0	0
mORF_-_3652836	3652836	3652847	-	4	12	ATG	TAA	0	0
mORF_-_3652847	3652847	3652885	-	6	39	TTG	TAA	0	0
mORF_-_3652864	3652864	3652881	-	5	18	GTG	TGA	0	0
mORF_-_3652882	3652882	3653013	-	5	132	TTG	TGA	0	0
mORF_-_3652895	3652895	3652909	-	6	15	ATG	TAA	0	0
mORF_-_3652989	3652989	3653006	-	4	18	GTG	TGA	0	0
mORF_-_3653010	3653010	3653102	-	4	93	TTG	TGA	0	0
mORF_-_3653020	3653020	3653061	-	5	42	TTG	TAA	0	0
mORF_-_3653048	3653048	3653095	-	6	48	TTG	TGA	0	0
mORF_-_3653068	3653068	3653085	-	5	18	ATG	TGA	0	0
mORF_-_3653135	3653135	3653218	-	6	84	ATG	TAG	0	0
mORF_-_3653146	3653146	3653196	-	5	51	TTG	TAG	0	0
mORF_-_3653224	3653224	3653274	-	5	51	GTG	TAA	0	0
mORF_-_3653261	3653261	3653272	-	6	12	GTG	TAG	0	0

mORF_-_3653278	3653278	3653937	-	5	660	TTG	TAA	0	0	
mORF_-_3653337	3653337	3653393	-	4	57	ATG	TAG	0	0	
mORF_-_3653553	3653553	3653594	-	4	42	TTG	TGA	0	0	
mORF_-_3653646	3653646	3653684	-	4	39	GTG	TAG	0	0	
mORF_-_3653703	3653703	3653720	-	4	18	TTG	TGA	0	0	
mORF_-_3653748	3653748	3653786	-	4	39	TTG	TAG	0	0	
mORF_-_3653762	3653762	3653950	-	6	189	TTG	TGA	0	0	
mORF_-_3653787	3653787	3653813	-	4	27	TTG	TGA	0	0	
mORF_-_3653814	3653814	3653885	-	4	72	TTG	TAA	0	0	
mORF_-_3653922	3653922	3654005	-	4	84	ATG	TGA	0	0	
mORF_-_3653975	3653975	3653989	-	6	15	ATG	TAA	0	0	
mORF_-_3653989	3653989	3654327	-	5	339	ATG	TAA	19	478	pORF_-_3653989
mORF_-_3654066	3654066	3654098	-	4	33	ATG	TGA	0	0	
mORF_-_3654099	3654099	3654158	-	4	60	TTG	TAA	0	0	
mORF_-_3654137	3654137	3654154	-	6	18	ATG	TGA	0	0	
mORF_-_3654180	3654180	3654188	-	4	9	TTG	TGA	0	0	
mORF_-_3654204	3654204	3654224	-	4	21	ATG	TGA	0	0	
mORF_-_3654293	3654293	3654331	-	6	39	TTG	TAA	0	0	
mORF_-_3654340	3654340	3654402	-	5	63	TTG	TAA	0	0	
mORF_-_3654369	3654369	3654422	-	4	54	ATG	TAA	0	0	
mORF_-_3654431	3654431	3654763	-	6	333	ATG	TAA	15	434	pORF_-_3654431
mORF_-_3654444	3654444	3654458	-	4	15	ATG	TAA	0	0	
mORF_-_3654492	3654492	3654506	-	4	15	TTG	TAA	0	0	
mORF_-_3654526	3654526	3654549	-	5	24	ATG	TAA	0	0	
mORF_-_3654550	3654550	3654561	-	5	12	ATG	TAG	0	0	
mORF_-_3654583	3654583	3654705	-	5	123	ATG	TGA	0	0	
mORF_-_3654709	3654709	3654738	-	5	30	TTG	TGA	0	0	
mORF_-_3654760	3654760	3654777	-	5	18	TTG	TGA	0	0	
mORF_-_3654774	3654774	3654800	-	4	27	GTG	TGA	0	0	
mORF_-_3654778	3654778	3654867	-	5	90	TTG	TAG	0	0	
mORF_-_3654880	3654880	3654888	-	5	9	TTG	TAA	0	0	
mORF_-_3654885	3654885	3654893	-	4	9	TTG	TGA	0	0	
mORF_-_3654898	3654898	3654921	-	5	24	TTG	TAA	0	0	
mORF_-_3654936	3654936	3655229	-	4	294	TTG	TAA	0	0	
mORF_-_3655016	3655016	3655042	-	6	27	TTG	TAG	0	0	
mORF_-_3655021	3655021	3655077	-	5	57	ATG	TAA	0	0	
mORF_-_3655067	3655067	3655087	-	6	21	TTG	TAA	0	0	
mORF_-_3655133	3655133	3655183	-	6	51	ATG	TGA	0	0	
mORF_-_3655219	3655219	3655239	-	5	21	ATG	TAA	0	0	
mORF_-_3655296	3655296	3655337	-	4	42	ATG	TAG	0	0	
mORF_-_3655304	3655304	3655345	-	6	42	ATG	TGA	0	0	
mORF_-_3655376	3655376	3655411	-	6	36	TTG	TAA	0	0	
mORF_-_3655401	3655401	3655514	-	4	114	GTG	TGA	0	0	
mORF_-_3655426	3655426	3655587	-	5	162	TTG	TAG	0	0	
mORF_-_3655457	3655457	3655516	-	6	60	GTG	TGA	0	0	
mORF_-_3655577	3655577	3655621	-	6	45	GTG	TAA	0	0	
mORF_-_3655657	3655657	3655677	-	5	21	TTG	TAG	0	0	
mORF_-_3655674	3655674	3655691	-	4	18	ATG	TGA	0	0	
mORF_-_3655714	3655714	3655737	-	5	24	ATG	TAA	0	0	
mORF_-_3655734	3655734	3655775	-	4	42	TTG	TGA	0	0	
mORF_-_3655753	3655753	3655785	-	5	33	ATG	TAG	0	0	
mORF_-_3655818	3655818	3655844	-	4	27	TTG	TAA	0	0	
mORF_-_3655866	3655866	3655898	-	4	33	ATG	TAG	0	0	
mORF_-_3655876	3655876	3655929	-	5	54	ATG	TAA	0	0	
mORF_-_3655919	3655919	3655972	-	6	54	ATG	TAA	0	0	
mORF_-_3655984	3655984	3656028	-	5	45	TTG	TAA	0	0	
mORF_-_3656006	3656006	3656050	-	6	45	TTG	TAA	0	0	
mORF_-_3656074	3656074	3656079	-	5	6	ATG	TAA	0	0	
mORF_-_3656087	3656087	3656110	-	6	24	GTG	TAA	0	0	
mORF_-_3656107	3656107	3656214	-	5	108	TTG	TGA	0	0	
mORF_-_3656129	3656129	3656152	-	6	24	TTG	TAA	0	0	
mORF_-_3656171	3656171	3656191	-	6	21	TTG	TAG	0	0	
mORF_-_3656175	3656175	3656180	-	4	6	TTG	TAA	0	0	

mORF_-_3656211	3656211	3656402	-	4	192	ATG	TGA	0	0	
mORF_-_3656270	3656270	3656278	-	6	9	GTG	TAA	0	0	
mORF_-_3656293	3656293	3656385	-	5	93	TTG	TAA	0	0	
mORF_-_3656422	3656422	3656454	-	5	33	GTG	TAA	0	0	
mORF_-_3656451	3656451	3656522	-	4	72	ATG	TGA	0	0	
mORF_-_3656479	3656479	3656541	-	5	63	ATG	TGA	0	0	
mORF_-_3656532	3656532	3656537	-	4	6	TTG	TGA	0	0	
mORF_-_3656578	3656578	3656616	-	5	39	GTG	TAA	0	0	
mORF_-_3656594	3656594	3656608	-	6	15	GTG	TAA	0	0	
mORF_-_3656613	3656613	3656618	-	4	6	ATG	TGA	0	0	
mORF_-_3656626	3656626	3656715	-	5	90	ATG	TAG	0	0	
mORF_-_3656646	3656646	3656675	-	4	30	TTG	TAA	0	0	
mORF_-_3656690	3656690	3656740	-	6	51	GTG	TAA	0	0	
mORF_-_3656722	3656722	3656727	-	5	6	TTG	TGA	0	0	
mORF_-_3656737	3656737	3656823	-	5	87	TTG	TGA	0	0	
mORF_-_3656745	3656745	3656810	-	4	66	TTG	TGA	0	0	
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mORF_-_3656835	3656835	3656903	-	4	69	GTG	TGA	0	0	
mORF_-_3656900	3656900	3656905	-	6	6	ATG	TGA	0	0	
mORF_-_3656913	3656913	3656978	-	4	66	ATG	TAA	0	0	
mORF_-_3656917	3656917	3657213	-	5	297	TTG	TGA	0	0	
mORF_-_3657006	3657006	3657131	-	4	126	GTG	TAG	0	0	
mORF_-_3657192	3657192	3657236	-	4	45	TTG	TGA	0	0	
mORF_-_3657233	3657233	3657394	-	6	162	TTG	TGA	0	0	
mORF_-_3657370	3657370	3657375	-	5	6	GTG	TGA	0	0	
mORF_-_3657428	3657428	3657481	-	6	54	TTG	TAA	0	0	
mORF_-_3657484	3657484	3657540	-	5	57	GTG	TAA	0	0	
mORF_-_3657524	3657524	3657649	-	6	126	TTG	TGA	0	0	
mORF_-_3657555	3657555	3657905	-	4	351	TTG	TAG	1	3	pORF_-_3657555
mORF_-_3657619	3657619	3657633	-	5	15	ATG	TAA	0	0	
mORF_-_3657668	3657668	3657772	-	6	105	GTG	TAA	0	0	
mORF_-_3657790	3657790	3657822	-	5	33	GTG	TGA	0	0	
mORF_-_3657878	3657878	3657949	-	6	72	TTG	TAA	0	0	
mORF_-_3657912	3657912	3657944	-	4	33	TTG	TAA	0	0	
mORF_-_3657956	3657956	3657982	-	6	27	TTG	TGA	0	0	
mORF_-_3657979	3657979	3658092	-	5	114	TTG	TGA	0	0	
mORF_-_3658001	3658001	3658438	-	6	438	ATG	TAG	0	0	
mORF_-_3658120	3658120	3658128	-	5	9	ATG	TGA	0	0	
mORF_-_3658158	3658158	3658187	-	4	30	GTG	TAA	0	0	
mORF_-_3658180	3658180	3658206	-	5	27	TTG	TGA	0	0	
mORF_-_3658242	3658242	3658409	-	4	168	TTG	TAG	0	0	
mORF_-_3658354	3658354	3658368	-	5	15	TTG	TGA	0	0	
mORF_-_3658445	3658445	3658564	-	6	120	ATG	TAG	0	0	
mORF_-_3658516	3658516	3658557	-	5	42	GTG	TGA	0	0	
mORF_-_3658524	3658524	3658637	-	4	114	TTG	TAA	0	0	
mORF_-_3658580	3658580	3658621	-	6	42	GTG	TAG	0	0	
mORF_-_3658618	3658618	3658677	-	5	60	TTG	TGA	0	0	
mORF_-_3658622	3658622	3658708	-	6	87	GTG	TGA	0	0	
mORF_-_3658674	3658674	3658772	-	4	99	TTG	TGA	0	0	
mORF_-_3658705	3658705	3658746	-	5	42	GTG	TGA	0	0	
mORF_-_3658751	3658751	3658885	-	6	135	TTG	TGA	0	0	
mORF_-_3658777	3658777	3658788	-	5	12	ATG	TAG	0	0	
mORF_-_3658904	3658904	3659071	-	6	168	TTG	TAG	0	0	
mORF_-_3658932	3658932	3659090	-	4	159	TTG	TAG	0	0	
mORF_-_3659056	3659056	3659106	-	5	51	GTG	TAA	0	0	
mORF_-_3659087	3659087	3659179	-	6	93	TTG	TGA	0	0	
mORF_-_3659124	3659124	3659213	-	4	90	TTG	TAG	0	0	
mORF_-_3659137	3659137	3659274	-	5	138	GTG	TGA	0	0	
mORF_-_3659258	3659258	3659266	-	6	9	GTG	TAA	0	0	
mORF_-_3659276	3659276	3659356	-	6	81	TTG	TAG	0	0	
mORF_-_3659308	3659308	3659328	-	5	21	TTG	TGA	0	0	
mORF_-_3659353	3659353	3659394	-	5	42	TTG	TGA	0	0	
mORF_-_3659414	3659414	3659425	-	6	12	GTG	TAA	0	0	

mORF_-_3659447	3659447	3659695	-	6	249	ATG	TGA	0	0
mORF_-_3659458	3659458	3659466	-	5	9	GTG	TGA	0	0
mORF_-_3659497	3659497	3659532	-	5	36	TTG	TGA	0	0
mORF_-_3659709	3659709	3659753	-	4	45	TTG	TAG	0	0
mORF_-_3659809	3659809	3659823	-	5	15	TTG	TAA	0	0
mORF_-_3659834	3659834	3659923	-	6	90	ATG	TAG	0	0
mORF_-_3659851	3659851	3659892	-	5	42	TTG	TGA	0	0
mORF_-_3659877	3659877	3659951	-	4	75	GTG	TGA	0	0
mORF_-_3659948	3659948	3659983	-	6	36	GTG	TGA	0	0
mORF_-_3659956	3659956	3659973	-	5	18	GTG	TAG	0	0
mORF_-_3659977	3659977	3660000	-	5	24	TTG	TGA	0	0
mORF_-_3659997	3659997	3660008	-	4	12	GTG	TGA	0	0
mORF_-_3660008	3660008	3660022	-	6	15	GTG	TAG	0	0
mORF_-_3660050	3660050	3660055	-	6	6	ATG	TAG	0	0
mORF_-_3660062	3660062	3660106	-	6	45	GTG	TAG	0	0
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mORF_-_3660370	3660370	3660384	-	5	15	TTG	TGA	0	0
mORF_-_3660374	3660374	3660490	-	6	117	TTG	TGA	0	0
mORF_-_3660427	3660427	3660558	-	5	132	GTG	TGA	0	0
mORF_-_3660462	3660462	3660506	-	4	45	GTG	TGA	0	0
mORF_-_3660540	3660540	3660554	-	4	15	TTG	TGA	0	0
mORF_-_3660555	3660555	3660794	-	4	240	TTG	TGA	0	0
mORF_-_3660563	3660563	3660685	-	6	123	GTG	TGA	0	0
mORF_-_3660667	3660667	3660678	-	5	12	TTG	TGA	0	0
mORF_-_3660701	3660701	3660820	-	6	120	GTG	TAG	0	0
mORF_-_3660787	3660787	3660828	-	5	42	GTG	TGA	0	0
mORF_-_3660847	3660847	3660903	-	5	57	TTG	TAG	0	0
mORF_-_3660884	3660884	3660952	-	6	69	ATG	TAG	0	0
mORF_-_3660976	3660976	3661320	-	5	345	TTG	TAG	0	0
mORF_-_3661103	3661103	3661177	-	6	75	GTG	TAG	0	0
mORF_-_3661205	3661205	3661324	-	6	120	ATG	TAG	0	0
mORF_-_3661321	3661321	3661353	-	5	33	TTG	TGA	0	0
mORF_-_3661344	3661344	3661577	-	4	234	ATG	TAA	0	0
mORF_-_3661402	3661402	3661485	-	5	84	TTG	TGA	0	0
mORF_-_3661487	3661487	3661810	-	6	324	TTG	TAA	0	0
mORF_-_3661590	3661590	3661610	-	4	21	ATG	TAA	0	0
mORF_-_3661603	3661603	3661617	-	5	15	GTG	TAG	0	0
mORF_-_3661629	3661629	3661724	-	4	96	GTG	TAG	0	0
mORF_-_3661651	3661651	3661689	-	5	39	ATG	TAA	0	0
mORF_-_3661696	3661696	3661713	-	5	18	TTG	TGA	0	0
mORF_-_3661747	3661747	3661764	-	5	18	TTG	TGA	0	0
mORF_-_3661752	3661752	3661850	-	4	99	ATG	TAA	0	0
mORF_-_3661825	3661825	3661893	-	5	69	TTG	TAG	0	0
mORF_-_3661850	3661850	3661900	-	6	51	TTG	TGA	0	0
mORF_-_3661863	3661863	3661868	-	4	6	ATG	TGA	0	0
mORF_-_3661897	3661897	3661944	-	5	48	TTG	TGA	0	0
mORF_-_3661913	3661913	3662641	-	6	729	ATG	TGA	0	0
mORF_-_3661957	3661957	3661965	-	5	9	ATG	TAA	0	0
mORF_-_3661984	3661984	3662118	-	5	135	ATG	TAA	0	0
mORF_-_3662004	3662004	3662015	-	4	12	ATG	TAG	0	0
mORF_-_3662115	3662115	3662186	-	4	72	TTG	TGA	0	0
mORF_-_3662137	3662137	3662220	-	5	84	TTG	TAA	0	0
mORF_-_3662332	3662332	3662358	-	5	27	TTG	TAA	0	0
mORF_-_3662394	3662394	3662468	-	4	75	TTG	TAA	0	0
mORF_-_3662473	3662473	3662589	-	5	117	ATG	TGA	0	0
mORF_-_3662478	3662478	3662513	-	4	36	TTG	TGA	0	0
mORF_-_3662620	3662620	3662634	-	5	15	ATG	TGA	0	0
mORF_-_3662644	3662644	3662661	-	5	18	ATG	TAA	0	0
mORF_-_3662669	3662669	3662677	-	6	9	TTG	TAA	0	0
mORF_-_3662680	3662680	3662760	-	5	81	TTG	TGA	0	0
mORF_-_3662688	3662688	3662747	-	4	60	TTG	TAG	0	0

mORF_-_3662714	3662714	3662821	-	6	108	GTG	TAA	0	0	
mORF_-_3662779	3662779	3662805	-	5	27	GTG	TAA	0	0	
mORF_-_3662880	3662880	3662897	-	4	18	GTG	TAA	0	0	
mORF_-_3662885	3662885	3662914	-	6	30	TTG	TAA	0	0	
mORF_-_3663009	3663009	3663833	-	4	825	ATG	TAG	1	2	pORF_-_3663009
mORF_-_3663017	3663017	3663085	-	6	69	GTG	TAA	0	0	
mORF_-_3663131	3663131	3663244	-	6	114	GTG	TGA	0	0	
mORF_-_3663253	3663253	3663258	-	5	6	GTG	TAG	0	0	
mORF_-_3663259	3663259	3663360	-	5	102	GTG	TGA	0	0	
mORF_-_3663350	3663350	3663364	-	6	15	ATG	TAG	0	0	
mORF_-_3663376	3663376	3663393	-	5	18	TTG	TAA	0	0	
mORF_-_3663425	3663425	3663478	-	6	54	TTG	TGA	0	0	
mORF_-_3663482	3663482	3663613	-	6	132	ATG	TAA	0	0	
mORF_-_3663620	3663620	3663694	-	6	75	GTG	TAA	0	0	
mORF_-_3663688	3663688	3663696	-	5	9	GTG	TGA	0	0	
mORF_-_3663701	3663701	3663805	-	6	105	TTG	TAG	0	0	
mORF_-_3663787	3663787	3663813	-	5	27	TTG	TAA	0	0	
mORF_-_3663806	3663806	3663820	-	6	15	ATG	TAA	0	0	
mORF_-_3663847	3663847	3663858	-	5	12	ATG	TAA	0	0	
mORF_-_3663870	3663870	3663881	-	4	12	GTG	TAA	0	0	
mORF_-_3663891	3663891	3663899	-	4	9	TTG	TAA	0	0	
mORF_-_3663918	3663918	3664103	-	4	186	GTG	TAA	0	0	
mORF_-_3663998	3663998	3664048	-	6	51	ATG	TAA	0	0	
mORF_-_3664048	3664048	3664077	-	5	30	ATG	TAA	0	0	
mORF_-_3664061	3664061	3664066	-	6	6	ATG	TAG	0	0	
mORF_-_3664067	3664067	3664081	-	6	15	ATG	TAA	0	0	
mORF_-_3664097	3664097	3664144	-	6	48	TTG	TGA	0	0	
mORF_-_3664165	3664165	3664179	-	5	15	ATG	TAA	0	0	
mORF_-_3664187	3664187	3664234	-	6	48	TTG	TAA	0	0	
mORF_-_3664203	3664203	3665666	-	4	1464	TTG	TGA	120	2058	pORF_-_3664203
mORF_-_3664268	3664268	3664306	-	6	39	TTG	TGA	0	0	
mORF_-_3664300	3664300	3664332	-	5	33	GTG	TGA	0	0	
mORF_-_3664343	3664343	3664453	-	6	111	ATG	TGA	0	0	
mORF_-_3664447	3664447	3664470	-	5	24	TTG	TGA	0	0	
mORF_-_3664457	3664457	3664630	-	6	174	TTG	TGA	0	0	
mORF_-_3664631	3664631	3664792	-	6	162	GTG	TAA	0	0	
mORF_-_3664802	3664802	3664954	-	6	153	ATG	TGA	0	0	
mORF_-_3664970	3664970	3665020	-	6	51	TTG	TGA	0	0	
mORF_-_3665021	3665021	3665083	-	6	63	ATG	TGA	0	0	
mORF_-_3665101	3665101	3665130	-	5	30	GTG	TAA	0	0	
mORF_-_3665143	3665143	3665307	-	5	165	TTG	TAA	0	0	
mORF_-_3665192	3665192	3665293	-	6	102	TTG	TGA	0	0	
mORF_-_3665378	3665378	3665551	-	6	174	TTG	TGA	0	0	
mORF_-_3665648	3665648	3665671	-	6	24	ATG	TAA	0	0	
mORF_-_3665671	3665671	3665694	-	5	24	TTG	TAA	0	0	
mORF_-_3665699	3665699	3665740	-	6	42	ATG	TAG	0	0	
mORF_-_3665719	3665719	3665733	-	5	15	ATG	TAA	0	0	
mORF_-_3665748	3665748	3665786	-	4	39	TTG	TAA	0	0	
mORF_-_3665764	3665764	3665808	-	5	45	TTG	TAA	0	0	
mORF_-_3665814	3665814	3667211	-	4	1398	ATG	TAA	1	2	pORF_-_3665814
mORF_-_3665870	3665870	3665887	-	6	18	ATG	TAG	0	0	
mORF_-_3665933	3665933	3665962	-	6	30	GTG	TGA	0	0	
mORF_-_3665984	3665984	3666031	-	6	48	GTG	TAA	0	0	
mORF_-_3666044	3666044	3666049	-	6	6	ATG	TGA	0	0	
mORF_-_3666050	3666050	3666085	-	6	36	TTG	TGA	0	0	
mORF_-_3666101	3666101	3666160	-	6	60	GTG	TGA	0	0	
mORF_-_3666115	3666115	3666162	-	5	48	ATG	TGA	0	0	
mORF_-_3666206	3666206	3666241	-	6	36	TTG	TGA	0	0	
mORF_-_3666217	3666217	3666234	-	5	18	ATG	TGA	0	0	
mORF_-_3666260	3666260	3666406	-	6	147	TTG	TAA	0	0	
mORF_-_3666413	3666413	3666571	-	6	159	ATG	TGA	0	0	
mORF_-_3666508	3666508	3666594	-	5	87	ATG	TAA	0	0	
mORF_-_3666572	3666572	3666793	-	6	222	GTG	TGA	0	0	

mORF_-_3666794	3666794	3666847	-	6	54	ATG	TGA	0	0	
mORF_-_3666844	3666844	3666861	-	5	18	ATG	TGA	0	0	
mORF_-_3666854	3666854	3666865	-	6	12	TTG	TGA	0	0	
mORF_-_3666872	3666872	3666949	-	6	78	TTG	TGA	0	0	
mORF_-_3666952	3666952	3667038	-	5	87	ATG	TAA	0	0	
mORF_-_3667058	3667058	3667138	-	6	81	ATG	TAG	0	0	
mORF_-_3667120	3667120	3667161	-	5	42	TTG	TAA	0	0	
mORF_-_3667211	3667211	3667225	-	6	15	GTG	TAA	0	0	
mORF_-_3667222	3667222	3667332	-	5	111	TTG	TGA	0	0	
mORF_-_3667235	3667235	3667336	-	6	102	TTG	TAA	0	0	
mORF_-_3667329	3667329	3667358	-	4	30	TTG	TGA	0	0	
mORF_-_3667333	3667333	3667398	-	5	66	ATG	TGA	0	0	
mORF_-_3667337	3667337	3667342	-	6	6	ATG	TAA	0	0	
mORF_-_3667386	3667386	3667454	-	4	69	TTG	TGA	0	0	
mORF_-_3667400	3667400	3667477	-	6	78	ATG	TGA	0	0	
mORF_-_3667483	3667483	3667530	-	5	48	GTG	TAA	0	0	
mORF_-_3667491	3667491	3667622	-	4	132	TTG	TAA	0	0	
mORF_-_3667508	3667508	3667525	-	6	18	GTG	TAA	0	0	
mORF_-_3667585	3667585	3667635	-	5	51	TTG	TAA	0	0	
mORF_-_3667640	3667640	3667861	-	6	222	GTG	TAG	0	0	
mORF_-_3667699	3667699	3667809	-	5	111	ATG	TAA	0	0	
mORF_-_3667862	3667862	3668098	-	6	237	ATG	TAG	0	0	
mORF_-_3667885	3667885	3668016	-	5	132	ATG	TAA	0	0	
mORF_-_3667911	3667911	3667934	-	4	24	TTG	TGA	0	0	
mORF_-_3668038	3668038	3668061	-	5	24	GTG	TAG	0	0	
mORF_-_3668058	3668058	3668063	-	4	6	ATG	TGA	0	0	
mORF_-_3668095	3668095	3668358	-	5	264	GTG	TGA	1	2	pORF_-_3668095
mORF_-_3668145	3668145	3668201	-	4	57	ATG	TAG	0	0	
mORF_-_3668150	3668150	3668287	-	6	138	GTG	TGA	0	0	
mORF_-_3668238	3668238	3668261	-	4	24	GTG	TGA	0	0	
mORF_-_3668401	3668401	3668529	-	5	129	ATG	TAA	0	0	
mORF_-_3668418	3668418	3668459	-	4	42	TTG	TAG	0	0	
mORF_-_3668463	3668463	3668546	-	4	84	TTG	TAA	0	0	
mORF_-_3668563	3668563	3668901	-	5	339	ATG	TAA	0	0	
mORF_-_3668592	3668592	3668708	-	4	117	ATG	TAA	0	0	
mORF_-_3668681	3668681	3669016	-	6	336	GTG	TAA	0	0	
mORF_-_3668787	3668787	3668813	-	4	27	ATG	TAA	0	0	
mORF_-_3668823	3668823	3668870	-	4	48	ATG	TAA	0	0	
mORF_-_3668880	3668880	3669005	-	4	126	TTG	TAG	0	0	
mORF_-_3669019	3669019	3669150	-	5	132	ATG	TAA	0	0	
mORF_-_3669114	3669114	3669131	-	4	18	TTG	TAG	0	0	
mORF_-_3669218	3669218	3669262	-	6	45	ATG	TAG	0	0	
mORF_-_3669315	3669315	3669917	-	4	603	ATG	TGA	0	0	
mORF_-_3669554	3669554	3669571	-	6	18	GTG	TGA	0	0	
mORF_-_3669575	3669575	3669631	-	6	57	ATG	TAA	0	0	
mORF_-_3669631	3669631	3669657	-	5	27	GTG	TAA	0	0	
mORF_-_3669661	3669661	3669669	-	5	9	TTG	TAA	0	0	
mORF_-_3669683	3669683	3669760	-	6	78	ATG	TAA	0	0	
mORF_-_3669697	3669697	3669738	-	5	42	TTG	TGA	0	0	
mORF_-_3669778	3669778	3669804	-	5	27	ATG	TGA	0	0	
mORF_-_3669869	3669869	3669901	-	6	33	TTG	TGA	0	0	
mORF_-_3669898	3669898	3669999	-	5	102	ATG	TGA	0	0	
mORF_-_3669908	3669908	3669931	-	6	24	GTG	TAG	0	0	
mORF_-_3669941	3669941	3670093	-	6	153	GTG	TAA	0	0	
mORF_-_3669969	3669969	3670013	-	4	45	ATG	TAA	0	0	
mORF_-_3670077	3670077	3670223	-	4	147	GTG	TAA	0	0	
mORF_-_3670097	3670097	3670210	-	6	114	GTG	TAA	0	0	
mORF_-_3670132	3670132	3670146	-	5	15	TTG	TAA	0	0	
mORF_-_3670147	3670147	3670236	-	5	90	GTG	TAA	0	0	
mORF_-_3670238	3670238	3670282	-	6	45	GTG	TAA	0	0	
mORF_-_3670288	3670288	3670380	-	5	93	TTG	TGA	0	0	
mORF_-_3670296	3670296	3670361	-	4	66	ATG	TAG	0	0	
mORF_-_3670361	3670361	3670432	-	6	72	TTG	TAA	0	0	

mORF_-_3670401	3670401	3670688	-	4	288	TTG	TAA	0	0
mORF_-_3670429	3670429	3670455	-	5	27	TTG	TGA	0	0
mORF_-_3670448	3670448	3670471	-	6	24	TTG	TGA	0	0
mORF_-_3670468	3670468	3670554	-	5	87	GTG	TGA	0	0
mORF_-_3670562	3670562	3670624	-	6	63	ATG	TGA	0	0
mORF_-_3670609	3670609	3670644	-	5	36	TTG	TGA	0	0
mORF_-_3670685	3670685	3670729	-	6	45	ATG	TGA	0	0
mORF_-_3670755	3670755	3670844	-	4	90	ATG	TAA	0	0
mORF_-_3670841	3670841	3670930	-	6	90	TTG	TGA	0	0
mORF_-_3670878	3670878	3670973	-	4	96	TTG	TAA	0	0
mORF_-_3670927	3670927	3671016	-	5	90	GTG	TGA	0	0
mORF_-_3670992	3670992	3671033	-	4	42	ATG	TGA	0	0
mORF_-_3671009	3671009	3671092	-	6	84	ATG	TAA	0	0
mORF_-_3671117	3671117	3671125	-	6	9	GTG	TAG	0	0
mORF_-_3671153	3671153	3671167	-	6	15	ATG	TGA	0	0
mORF_-_3671211	3671211	3671543	-	4	333	GTG	TAA	0	0
mORF_-_3671252	3671252	3671605	-	6	354	GTG	TAA	0	0
mORF_-_3671350	3671350	3671376	-	5	27	TTG	TAA	0	0
mORF_-_3671602	3671602	3671634	-	5	33	TTG	TGA	0	0
mORF_-_3671606	3671606	3671770	-	6	165	GTG	TAG	0	0
mORF_-_3671613	3671613	3671681	-	4	69	ATG	TGA	0	0
mORF_-_3671691	3671691	3671720	-	4	30	TTG	TAG	0	0
mORF_-_3671739	3671739	3672548	-	4	810	ATG	TAG	0	0
mORF_-_3671764	3671764	3671820	-	5	57	GTG	TGA	0	0
mORF_-_3671822	3671822	3671836	-	6	15	TTG	TAA	0	0
mORF_-_3671906	3671906	3672106	-	6	201	TTG	TGA	0	0
mORF_-_3672025	3672025	3672183	-	5	159	ATG	TAA	0	0
mORF_-_3672107	3672107	3672160	-	6	54	TTG	TAG	0	0
mORF_-_3672211	3672211	3672435	-	5	225	ATG	TAA	0	0
mORF_-_3672227	3672227	3672232	-	6	6	GTG	TAG	0	0
mORF_-_3672302	3672302	3672349	-	6	48	GTG	TAG	0	0
mORF_-_3672425	3672425	3672562	-	6	138	TTG	TAA	0	0
mORF_-_3672442	3672442	3672486	-	5	45	ATG	TAA	0	0
mORF_-_3672496	3672496	3672510	-	5	15	ATG	TAG	0	0
mORF_-_3672541	3672541	3672642	-	5	102	GTG	TGA	0	0
mORF_-_3672549	3672549	3672572	-	4	24	ATG	TAG	0	0
mORF_-_3672569	3672569	3672577	-	6	9	TTG	TGA	0	0
mORF_-_3672579	3672579	3672593	-	4	15	ATG	TGA	0	0
mORF_-_3672646	3672646	3672666	-	5	21	ATG	TAA	0	0
mORF_-_3672654	3672654	3672671	-	4	18	ATG	TAA	0	0
mORF_-_3672668	3672668	3672757	-	6	90	GTG	TGA	0	0
mORF_-_3672690	3672690	3672746	-	4	57	ATG	TAG	0	0
mORF_-_3672697	3672697	3672726	-	5	30	ATG	TAA	0	0
mORF_-_3672739	3672739	3672744	-	5	6	GTG	TAA	0	0
mORF_-_3672778	3672778	3672906	-	5	129	ATG	TAG	0	0
mORF_-_3672785	3672785	3672961	-	6	177	ATG	TAA	0	0
mORF_-_3672807	3672807	3672830	-	4	24	GTG	TAA	0	0
mORF_-_3672922	3672922	3672927	-	5	6	ATG	TAA	0	0
mORF_-_3672928	3672928	3673044	-	5	117	ATG	TAA	0	0
mORF_-_3672984	3672984	3673319	-	4	336	GTG	TAG	0	0
mORF_-_3672998	3672998	3673066	-	6	69	ATG	TAG	0	0
mORF_-_3673156	3673156	3673164	-	5	9	GTG	TAG	0	0
mORF_-_3673210	3673210	3673575	-	5	366	ATG	TGA	0	0
mORF_-_3673367	3673367	3673546	-	6	180	ATG	TAG	0	0
mORF_-_3673386	3673386	3673412	-	4	27	ATG	TAA	0	0
mORF_-_3673575	3673575	3673586	-	4	12	TTG	TAA	0	0
mORF_-_3673600	3673600	3673608	-	5	9	ATG	TAA	0	0
mORF_-_3673615	3673615	3673839	-	5	225	TTG	TAG	0	0
mORF_-_3673815	3673815	3674006	-	4	192	ATG	TAA	0	0
mORF_-_3673945	3673945	3673950	-	5	6	GTG	TAA	0	0
mORF_-_3673966	3673966	3673971	-	5	6	TTG	TAA	0	0
mORF_-_3674084	3674084	3674200	-	6	117	TTG	TAA	0	0
mORF_-_3674119	3674119	3674253	-	5	135	GTG	TGA	0	0

mORF_-_3674163	3674163	3674255	-	4	93	GTG	TGA	0	0	
mORF_-_3674225	3674225	3674299	-	6	75	ATG	TGA	0	0	
mORF_-_3674278	3674278	3674346	-	5	69	GTG	TAA	0	0	
mORF_-_3674292	3674292	3674306	-	4	15	TTG	TGA	0	0	
mORF_-_3674313	3674313	3676388	-	4	2076	ATG	TGA	5	14	pORF_-_3674313
mORF_-_3674402	3674402	3674443	-	6	42	TTG	TAA	0	0	
mORF_-_3674459	3674459	3674548	-	6	90	TTG	TGA	0	0	
mORF_-_3674552	3674552	3674596	-	6	45	ATG	TGA	0	0	
mORF_-_3674600	3674600	3674656	-	6	57	TTG	TGA	0	0	
mORF_-_3674681	3674681	3674734	-	6	54	ATG	TGA	0	0	
mORF_-_3674735	3674735	3674746	-	6	12	TTG	TGA	0	0	
mORF_-_3674765	3674765	3674779	-	6	15	ATG	TGA	0	0	
mORF_-_3674813	3674813	3674860	-	6	48	GTG	TAG	0	0	
mORF_-_3674888	3674888	3674899	-	6	12	ATG	TGA	0	0	
mORF_-_3674921	3674921	3675016	-	6	96	TTG	TGA	0	0	
mORF_-_3675020	3675020	3675265	-	6	246	TTG	TGA	0	0	
mORF_-_3675100	3675100	3675147	-	5	48	ATG	TGA	0	0	
mORF_-_3675266	3675266	3675406	-	6	141	TTG	TGA	0	0	
mORF_-_3675437	3675437	3675460	-	6	24	TTG	TAG	0	0	
mORF_-_3675491	3675491	3675547	-	6	57	GTG	TGA	0	0	
mORF_-_3675557	3675557	3675568	-	6	12	ATG	TGA	0	0	
mORF_-_3675569	3675569	3675646	-	6	78	GTG	TGA	0	0	
mORF_-_3675665	3675665	3675694	-	6	30	GTG	TAG	0	0	
mORF_-_3675716	3675716	3675724	-	6	9	TTG	TGA	0	0	
mORF_-_3675800	3675800	3675814	-	6	15	TTG	TAG	0	0	
mORF_-_3675836	3675836	3675943	-	6	108	TTG	TAA	0	0	
mORF_-_3675880	3675880	3675900	-	5	21	ATG	TAA	0	0	
mORF_-_3675970	3675970	3676197	-	5	228	GTG	TGA	0	0	
mORF_-_3676067	3676067	3676216	-	6	150	GTG	TAG	0	0	
mORF_-_3676235	3676235	3676297	-	6	63	TTG	TGA	0	0	
mORF_-_3676298	3676298	3676318	-	6	21	TTG	TGA	0	0	
mORF_-_3676443	3676443	3677255	-	4	813	TTG	TAA	0	0	
mORF_-_3676475	3676475	3676540	-	6	66	GTG	TAG	0	0	
mORF_-_3676537	3676537	3676587	-	5	51	TTG	TGA	0	0	
mORF_-_3676559	3676559	3676573	-	6	15	TTG	TAG	0	0	
mORF_-_3676652	3676652	3676699	-	6	48	GTG	TGA	0	0	
mORF_-_3676700	3676700	3676894	-	6	195	TTG	TAA	0	0	
mORF_-_3676735	3676735	3676746	-	5	12	GTG	TGA	0	0	
mORF_-_3676759	3676759	3676764	-	5	6	GTG	TGA	0	0	
mORF_-_3676922	3676922	3676957	-	6	36	TTG	TAG	0	0	
mORF_-_3676967	3676967	3676972	-	6	6	TTG	TGA	0	0	
mORF_-_3676999	3676999	3677091	-	5	93	ATG	TGA	0	0	
mORF_-_3677078	3677078	3677128	-	6	51	GTG	TAA	0	0	
mORF_-_3677125	3677125	3677139	-	5	15	TTG	TGA	0	0	
mORF_-_3677227	3677227	3677319	-	5	93	TTG	TAA	0	0	
mORF_-_3677283	3677283	3677405	-	4	123	TTG	TAA	0	0	
mORF_-_3677309	3677309	3677539	-	6	231	GTG	TGA	0	0	
mORF_-_3677506	3677506	3677577	-	5	72	ATG	TAA	0	0	
mORF_-_3677577	3677577	3677675	-	4	99	TTG	TAA	0	0	
mORF_-_3677705	3677705	3677725	-	6	21	GTG	TAG	0	0	
mORF_-_3677744	3677744	3677770	-	6	27	TTG	TAG	0	0	
mORF_-_3677834	3677834	3677941	-	6	108	TTG	TAG	0	0	
mORF_-_3677848	3677848	3677982	-	5	135	GTG	TAA	0	0	
mORF_-_3677862	3677862	3678095	-	4	234	ATG	TAA	0	0	
mORF_-_3677945	3677945	3678013	-	6	69	GTG	TAG	0	0	
mORF_-_3678059	3678059	3678220	-	6	162	GTG	TGA	0	0	
mORF_-_3678168	3678168	3678386	-	4	219	TTG	TAA	0	0	
mORF_-_3678238	3678238	3678315	-	5	78	TTG	TGA	0	0	
mORF_-_3678326	3678326	3678427	-	6	102	ATG	TGA	0	0	
mORF_-_3678403	3678403	3678423	-	5	21	ATG	TAA	0	0	
mORF_-_3678420	3678420	3678467	-	4	48	ATG	TGA	0	0	
mORF_-_3678446	3678446	3678460	-	6	15	ATG	TAG	0	0	
mORF_-_3678467	3678467	3679963	-	6	1497	ATG	TAA	19	38	pORF_-_3678467

mORF_-_3678490	3678490	3678510	-	5	21	ATG	TGA	0	0	
mORF_-_3678622	3678622	3678636	-	5	15	ATG	TAA	0	0	
mORF_-_3678679	3678679	3678738	-	5	60	TTG	TGA	0	0	
mORF_-_3678772	3678772	3678807	-	5	36	TTG	TGA	0	0	
mORF_-_3678841	3678841	3678897	-	5	57	GTG	TAG	0	0	
mORF_-_3678909	3678909	3678959	-	4	51	GTG	TAA	0	0	
mORF_-_3678922	3678922	3679023	-	5	102	GTG	TGA	0	0	
mORF_-_3679024	3679024	3679104	-	5	81	GTG	TAA	0	0	
mORF_-_3679101	3679101	3679130	-	4	30	GTG	TGA	0	0	
mORF_-_3679174	3679174	3679227	-	5	54	GTG	TGA	0	0	
mORF_-_3679224	3679224	3679331	-	4	108	ATG	TGA	0	0	
mORF_-_3679237	3679237	3679248	-	5	12	TTG	TGA	0	0	
mORF_-_3679258	3679258	3679284	-	5	27	ATG	TAA	0	0	
mORF_-_3679309	3679309	3679365	-	5	57	TTG	TGA	0	0	
mORF_-_3679362	3679362	3679433	-	4	72	GTG	TGA	0	0	
mORF_-_3679516	3679516	3679533	-	5	18	ATG	TGA	0	0	
mORF_-_3679588	3679588	3679620	-	5	33	TTG	TGA	0	0	
mORF_-_3679621	3679621	3679695	-	5	75	GTG	TAA	0	0	
mORF_-_3679641	3679641	3679664	-	4	24	GTG	TAA	0	0	
mORF_-_3679705	3679705	3679797	-	5	93	GTG	TAA	0	0	
mORF_-_3679791	3679791	3679868	-	4	78	ATG	TGA	0	0	
mORF_-_3679822	3679822	3679902	-	5	81	ATG	TGA	0	0	
mORF_-_3679875	3679875	3679979	-	4	105	TTG	TGA	0	0	
mORF_-_3679976	3679976	3680038	-	6	63	GTG	TGA	0	0	
mORF_-_3680019	3680019	3680072	-	4	54	GTG	TAG	0	0	
mORF_-_3680029	3680029	3680130	-	5	102	TTG	TAA	0	0	
mORF_-_3680114	3680114	3680221	-	6	108	GTG	TGA	0	0	
mORF_-_3680127	3680127	3680150	-	4	24	GTG	TGA	0	0	
mORF_-_3680131	3680131	3680172	-	5	42	ATG	TAA	0	0	
mORF_-_3680184	3680184	3681470	-	4	1287	ATG	TAA	1	7	pORF_-_3680184
mORF_-_3680224	3680224	3680271	-	5	48	GTG	TAA	0	0	
mORF_-_3680228	3680228	3680236	-	6	9	ATG	TGA	0	0	
mORF_-_3680264	3680264	3680284	-	6	21	TTG	TGA	0	0	
mORF_-_3680315	3680315	3680323	-	6	9	GTG	TGA	0	0	
mORF_-_3680372	3680372	3680425	-	6	54	GTG	TAG	0	0	
mORF_-_3680543	3680543	3680686	-	6	144	TTG	TGA	0	0	
mORF_-_3680687	3680687	3680773	-	6	87	TTG	TGA	0	0	
mORF_-_3680804	3680804	3680878	-	6	75	TTG	TGA	0	0	
mORF_-_3680951	3680951	3681085	-	6	135	TTG	TGA	0	0	
mORF_-_3681119	3681119	3681136	-	6	18	TTG	TAG	0	0	
mORF_-_3681155	3681155	3681199	-	6	45	TTG	TGA	0	0	
mORF_-_3681203	3681203	3681229	-	6	27	TTG	TGA	0	0	
mORF_-_3681226	3681226	3681309	-	5	84	TTG	TGA	0	0	
mORF_-_3681269	3681269	3681289	-	6	21	TTG	TGA	0	0	
mORF_-_3681329	3681329	3681361	-	6	33	TTG	TGA	0	0	
mORF_-_3681380	3681380	3681415	-	6	36	TTG	TAG	0	0	
mORF_-_3681467	3681467	3681493	-	6	27	GTG	TGA	0	0	
mORF_-_3681507	3681507	3681551	-	4	45	GTG	TAA	0	0	
mORF_-_3681526	3681526	3681621	-	5	96	GTG	TAA	0	0	
mORF_-_3681567	3681567	3681611	-	4	45	GTG	TGA	0	0	
mORF_-_3681587	3681587	3681613	-	6	27	TTG	TAA	0	0	
mORF_-_3681625	3681625	3681786	-	5	162	TTG	TAA	0	0	
mORF_-_3681653	3681653	3683641	-	6	1989	TTG	TAG	2	5	pORF_-_3681653
mORF_-_3681799	3681799	3681831	-	5	33	TTG	TGA	0	0	
mORF_-_3681832	3681832	3681864	-	5	33	TTG	TGA	0	0	
mORF_-_3681904	3681904	3682020	-	5	117	TTG	TGA	0	0	
mORF_-_3682017	3682017	3682241	-	4	225	GTG	TGA	0	0	
mORF_-_3682138	3682138	3682182	-	5	45	TTG	TAA	0	0	
mORF_-_3682228	3682228	3682245	-	5	18	TTG	TGA	0	0	
mORF_-_3682242	3682242	3682277	-	4	36	TTG	TGA	0	0	
mORF_-_3682255	3682255	3682317	-	5	63	GTG	TAA	0	0	
mORF_-_3682326	3682326	3682361	-	4	36	TTG	TAA	0	0	
mORF_-_3682336	3682336	3682389	-	5	54	ATG	TGA	0	0	

mORF_-_3682411	3682411	3682590	-	5	180	TTG	TGA	0	0
mORF_-_3682587	3682587	3682649	-	4	63	GTG	TGA	0	0
mORF_-_3682630	3682630	3682686	-	5	57	ATG	TAG	0	0
mORF_-_3682780	3682780	3682812	-	5	33	GTG	TGA	0	0
mORF_-_3682825	3682825	3682854	-	5	30	TTG	TGA	0	0
mORF_-_3682873	3682873	3683076	-	5	204	TTG	TGA	0	0
mORF_-_3683106	3683106	3683114	-	4	9	GTG	TAA	0	0
mORF_-_3683185	3683185	3683301	-	5	117	TTG	TGA	0	0
mORF_-_3683380	3683380	3683424	-	5	45	TTG	TAG	0	0
mORF_-_3683455	3683455	3683589	-	5	135	TTG	TGA	0	0
mORF_-_3683520	3683520	3683699	-	4	180	ATG	TAA	0	0
mORF_-_3683723	3683723	3687196	-	6	3474	ATG	TAA	0	0
mORF_-_3683743	3683743	3683937	-	5	195	ATG	TGA	0	0
mORF_-_3683769	3683769	3683780	-	4	12	ATG	TGA	0	0
mORF_-_3683889	3683889	3684083	-	4	195	GTG	TGA	0	0
mORF_-_3683989	3683989	3684045	-	5	57	GTG	TGA	0	0
mORF_-_3684085	3684085	3684153	-	5	69	GTG	TGA	0	0
mORF_-_3684244	3684244	3684276	-	5	33	ATG	TGA	0	0
mORF_-_3684286	3684286	3684330	-	5	45	GTG	TAA	0	0
mORF_-_3684333	3684333	3684383	-	4	51	ATG	TAA	0	0
mORF_-_3684349	3684349	3684681	-	5	333	ATG	TAA	0	0
mORF_-_3684660	3684660	3684668	-	4	9	ATG	TGA	0	0
mORF_-_3684703	3684703	3684756	-	5	54	ATG	TGA	0	0
mORF_-_3684784	3684784	3684891	-	5	108	GTG	TGA	0	0
mORF_-_3684895	3684895	3684906	-	5	12	ATG	TGA	0	0
mORF_-_3684967	3684967	3685053	-	5	87	GTG	TGA	0	0
mORF_-_3685105	3685105	3685146	-	5	42	TTG	TGA	0	0
mORF_-_3685183	3685183	3685254	-	5	72	TTG	TGA	0	0
mORF_-_3685267	3685267	3685275	-	5	9	TTG	TGA	0	0
mORF_-_3685306	3685306	3685572	-	5	267	ATG	TGA	0	0
mORF_-_3685491	3685491	3685520	-	4	30	GTG	TAA	0	0
mORF_-_3685569	3685569	3685769	-	4	201	ATG	TGA	0	0
mORF_-_3685645	3685645	3686061	-	5	417	ATG	TAA	0	0
mORF_-_3686100	3686100	3686174	-	4	75	ATG	TAA	0	0
mORF_-_3686110	3686110	3686121	-	5	12	ATG	TGA	0	0
mORF_-_3686158	3686158	3686289	-	5	132	GTG	TGA	0	0
mORF_-_3686365	3686365	3686460	-	5	96	GTG	TAG	0	0
mORF_-_3686482	3686482	3686676	-	5	195	ATG	TGA	0	0
mORF_-_3686686	3686686	3686910	-	5	225	ATG	TAA	0	0
mORF_-_3686923	3686923	3687069	-	5	147	GTG	TAG	0	0
mORF_-_3687066	3687066	3687269	-	4	204	TTG	TGA	0	0
mORF_-_3687178	3687178	3688290	-	5	1113	TTG	TAA	0	0
mORF_-_3687276	3687276	3687428	-	4	153	ATG	TGA	0	0
mORF_-_3687518	3687518	3687538	-	6	21	GTG	TGA	0	0
mORF_-_3687588	3687588	3687776	-	4	189	TTG	TAA	0	0
mORF_-_3687611	3687611	3687694	-	6	84	GTG	TGA	0	0
mORF_-_3687770	3687770	3687892	-	6	123	GTG	TGA	0	0
mORF_-_3687849	3687849	3687938	-	4	90	ATG	TAA	0	0
mORF_-_3687932	3687932	3687970	-	6	39	GTG	TGA	0	0
mORF_-_3687971	3687971	3687994	-	6	24	GTG	TAA	0	0
mORF_-_3688017	3688017	3688232	-	4	216	GTG	TAA	0	0
mORF_-_3688257	3688257	3688280	-	4	24	ATG	TGA	0	0
mORF_-_3688291	3688291	3690717	-	5	2427	TTG	TAA	0	0
mORF_-_3688322	3688322	3688438	-	6	117	GTG	TAG	0	0
mORF_-_3688365	3688365	3688418	-	4	54	ATG	TGA	0	0
mORF_-_3688449	3688449	3688472	-	4	24	GTG	TAG	0	0
mORF_-_3688545	3688545	3688598	-	4	54	TTG	TGA	0	0
mORF_-_3688599	3688599	3688637	-	4	39	TTG	TGA	0	0
mORF_-_3688638	3688638	3688655	-	4	18	GTG	TGA	0	0
mORF_-_3688665	3688665	3688712	-	4	48	TTG	TGA	0	0
mORF_-_3688797	3688797	3688817	-	4	21	GTG	TGA	0	0
mORF_-_3688824	3688824	3688865	-	4	42	ATG	TGA	0	0
mORF_-_3688875	3688875	3688919	-	4	45	TTG	TGA	0	0

mORF_-_3688968	3688968	3689096	-	4	129	TTG	TGA	0	0
mORF_-_3689097	3689097	3689105	-	4	9	ATG	TGA	0	0
mORF_-_3689163	3689163	3689174	-	4	12	TTG	TGA	0	0
mORF_-_3689208	3689208	3689240	-	4	33	ATG	TGA	0	0
mORF_-_3689361	3689361	3689402	-	4	42	TTG	TGA	0	0
mORF_-_3689442	3689442	3689498	-	4	57	ATG	TAA	0	0
mORF_-_3689505	3689505	3689555	-	4	51	ATG	TGA	0	0
mORF_-_3689583	3689583	3689591	-	4	9	ATG	TGA	0	0
mORF_-_3689595	3689595	3689678	-	4	84	TTG	TAG	0	0
mORF_-_3689721	3689721	3689729	-	4	9	TTG	TGA	0	0
mORF_-_3689742	3689742	3689999	-	4	258	ATG	TAA	0	0
mORF_-_3689822	3689822	3689875	-	6	54	GTG	TAA	0	0
mORF_-_3689996	3689996	3690088	-	6	93	GTG	TGA	0	0
mORF_-_3690003	3690003	3690008	-	4	6	ATG	TGA	0	0
mORF_-_3690024	3690024	3690125	-	4	102	GTG	TGA	0	0
mORF_-_3690216	3690216	3690227	-	4	12	ATG	TGA	0	0
mORF_-_3690306	3690306	3690401	-	4	96	TTG	TGA	0	0
mORF_-_3690411	3690411	3690452	-	4	42	ATG	TGA	0	0
mORF_-_3690513	3690513	3690530	-	4	18	ATG	TAG	0	0
mORF_-_3690524	3690524	3690607	-	6	84	TTG	TGA	0	0
mORF_-_3690564	3690564	3690584	-	4	21	GTG	TGA	0	0
mORF_-_3690585	3690585	3690605	-	4	21	GTG	TGA	0	0
mORF_-_3690627	3690627	3690644	-	4	18	ATG	TGA	0	0
mORF_-_3690641	3690641	3693307	-	6	2667	GTG	TGA	0	0
mORF_-_3690736	3690736	3690744	-	5	9	GTG	TGA	0	0
mORF_-_3690757	3690757	3690798	-	5	42	GTG	TGA	0	0
mORF_-_3690811	3690811	3690906	-	5	96	TTG	TGA	0	0
mORF_-_3690840	3690840	3690899	-	4	60	GTG	TAA	0	0
mORF_-_3690943	3690943	3690957	-	5	15	ATG	TGA	0	0
mORF_-_3691011	3691011	3691241	-	4	231	GTG	TAA	0	0
mORF_-_3691024	3691024	3691134	-	5	111	TTG	TGA	0	0
mORF_-_3691189	3691189	3691221	-	5	33	TTG	TAG	0	0
mORF_-_3691222	3691222	3691284	-	5	63	ATG	TGA	0	0
mORF_-_3691303	3691303	3691335	-	5	33	TTG	TAG	0	0
mORF_-_3691357	3691357	3691392	-	5	36	GTG	TGA	0	0
mORF_-_3691428	3691428	3691466	-	4	39	GTG	TAA	0	0
mORF_-_3691432	3691432	3691491	-	5	60	GTG	TGA	0	0
mORF_-_3691488	3691488	3691694	-	4	207	ATG	TGA	0	0
mORF_-_3691534	3691534	3691545	-	5	12	ATG	TGA	0	0
mORF_-_3691579	3691579	3691608	-	5	30	ATG	TGA	0	0
mORF_-_3691645	3691645	3691707	-	5	63	TTG	TGA	0	0
mORF_-_3691711	3691711	3691890	-	5	180	ATG	TGA	0	0
mORF_-_3691897	3691897	3691929	-	5	33	ATG	TGA	0	0
mORF_-_3691938	3691938	3691985	-	4	48	GTG	TAA	0	0
mORF_-_3691948	3691948	3692067	-	5	120	TTG	TGA	0	0
mORF_-_3692143	3692143	3692211	-	5	69	ATG	TGA	0	0
mORF_-_3692215	3692215	3692253	-	5	39	ATG	TGA	0	0
mORF_-_3692275	3692275	3692328	-	5	54	TTG	TGA	0	0
mORF_-_3692346	3692346	3692531	-	4	186	GTG	TAA	0	0
mORF_-_3692392	3692392	3692427	-	5	36	TTG	TGA	0	0
mORF_-_3692497	3692497	3692526	-	5	30	TTG	TAG	0	0
mORF_-_3692541	3692541	3692711	-	4	171	GTG	TGA	0	0
mORF_-_3692638	3692638	3692652	-	5	15	TTG	TGA	0	0
mORF_-_3692809	3692809	3692829	-	5	21	GTG	TGA	0	0
mORF_-_3692830	3692830	3692856	-	5	27	ATG	TGA	0	0
mORF_-_3692886	3692886	3693002	-	4	117	ATG	TGA	0	0
mORF_-_3692899	3692899	3692985	-	5	87	GTG	TGA	0	0
mORF_-_3693072	3693072	3693266	-	4	195	GTG	TAA	0	0
mORF_-_3693136	3693136	3693177	-	5	42	GTG	TGA	0	0
mORF_-_3693256	3693256	3693984	-	5	729	GTG	TGA	0	0
mORF_-_3693321	3693321	3693362	-	4	42	GTG	TGA	0	0
mORF_-_3693363	3693363	3693497	-	4	135	ATG	TAG	0	0
mORF_-_3693374	3693374	3693388	-	6	15	ATG	TAA	0	0

mORF_-_3693404	3693404	3693451	-	6	48	TTG	TGA	0	0
mORF_-_3693497	3693497	3693592	-	6	96	GTG	TAA	0	0
mORF_-_3693501	3693501	3693566	-	4	66	ATG	TGA	0	0
mORF_-_3693612	3693612	3693629	-	4	18	GTG	TAA	0	0
mORF_-_3693626	3693626	3693694	-	6	69	TTG	TGA	0	0
mORF_-_3693702	3693702	3693914	-	4	213	ATG	TGA	0	0
mORF_-_3693863	3693863	3694036	-	6	174	TTG	TAA	0	0
mORF_-_3693991	3693991	3694008	-	5	18	ATG	TAG	0	0
mORF_-_3694020	3694020	3694208	-	4	189	ATG	TAG	0	0
mORF_-_3694061	3694061	3694108	-	6	48	TTG	TAA	0	0
mORF_-_3694133	3694133	3694150	-	6	18	ATG	TAA	0	0
mORF_-_3694166	3694166	3694198	-	6	33	ATG	TAG	0	0
mORF_-_3694201	3694201	3694251	-	5	51	TTG	TAA	0	0
mORF_-_3694221	3694221	3694244	-	4	24	ATG	TAG	0	0
mORF_-_3694241	3694241	3694267	-	6	27	ATG	TGA	0	0
mORF_-_3694277	3694277	3694309	-	6	33	GTG	TAA	0	0
mORF_-_3694284	3694284	3694331	-	4	48	TTG	TAA	0	0
mORF_-_3694324	3694324	3694365	-	5	42	GTG	TAA	0	0
mORF_-_3694362	3694362	3694394	-	4	33	GTG	TGA	0	0
mORF_-_3694391	3694391	3694423	-	6	33	TTG	TGA	0	0
mORF_-_3694432	3694432	3694491	-	5	60	ATG	TAA	0	0
mORF_-_3694439	3694439	3694471	-	6	33	TTG	TAA	0	0
mORF_-_3694509	3694509	3694526	-	4	18	ATG	TAG	0	0
mORF_-_3694526	3694526	3694690	-	6	165	TTG	TAA	0	0
mORF_-_3694599	3694599	3694643	-	4	45	GTG	TGA	0	0
mORF_-_3694612	3694612	3694662	-	5	51	ATG	TGA	0	0
mORF_-_3694656	3694656	3694733	-	4	78	TTG	TAA	0	0
mORF_-_3694691	3694691	3694705	-	6	15	TTG	TAA	0	0
mORF_-_3694736	3694736	3694744	-	6	9	ATG	TAG	0	0
mORF_-_3694754	3694754	3694840	-	6	87	TTG	TAG	0	0
mORF_-_3694801	3694801	3694845	-	5	45	ATG	TAA	0	0
mORF_-_3694809	3694809	3694868	-	4	60	ATG	TAA	0	0
mORF_-_3694898	3694898	3694951	-	6	54	TTG	TAA	0	0
mORF_-_3694923	3694923	3694982	-	4	60	GTG	TAA	0	0
mORF_-_3694979	3694979	3695095	-	6	117	TTG	TGA	0	0
mORF_-_3695008	3695008	3695049	-	5	42	TTG	TGA	0	0
mORF_-_3695079	3695079	3695144	-	4	66	GTG	TAA	0	0
mORF_-_3695111	3695111	3695140	-	6	30	TTG	TAA	0	0
mORF_-_3695116	3695116	3695247	-	5	132	TTG	TGA	0	0
mORF_-_3695201	3695201	3695218	-	6	18	TTG	TAG	0	0
mORF_-_3695244	3695244	3695315	-	4	72	GTG	TGA	0	0
mORF_-_3695263	3695263	3695328	-	5	66	ATG	TGA	0	0
mORF_-_3695288	3695288	3695332	-	6	45	ATG	TAA	0	0
mORF_-_3695329	3695329	3695403	-	5	75	GTG	TGA	0	0
mORF_-_3695388	3695388	3695435	-	4	48	TTG	TAG	0	0
mORF_-_3695417	3695417	3695497	-	6	81	TTG	TAA	0	0
mORF_-_3695442	3695442	3695462	-	4	21	GTG	TAA	0	0
mORF_-_3695515	3695515	3695745	-	5	231	ATG	TAG	0	0
mORF_-_3695535	3695535	3695549	-	4	15	TTG	TAG	0	0
mORF_-_3695633	3695633	3695644	-	6	12	GTG	TAA	0	0
mORF_-_3695666	3695666	3695698	-	6	33	TTG	TAG	0	0
mORF_-_3695736	3695736	3695777	-	4	42	ATG	TGA	0	0
mORF_-_3695774	3695774	3695815	-	6	42	ATG	TGA	0	0
mORF_-_3695787	3695787	3695825	-	4	39	ATG	TAA	0	0
mORF_-_3695812	3695812	3695841	-	5	30	ATG	TGA	0	0
mORF_-_3695829	3695829	3695849	-	4	21	TTG	TAG	0	0
mORF_-_3695846	3695846	3695923	-	6	78	TTG	TGA	0	0
mORF_-_3695875	3695875	3696129	-	5	255	GTG	TGA	0	0
mORF_-_3695942	3695942	3695992	-	6	51	GTG	TAA	0	0
mORF_-_3695967	3695967	3696071	-	4	105	ATG	TGA	0	0
mORF_-_3696077	3696077	3696094	-	6	18	GTG	TAA	0	0
mORF_-_3696114	3696114	3696152	-	4	39	GTG	TAG	0	0
mORF_-_3696180	3696180	3696479	-	4	300	ATG	TAA	0	0

mORF_-_3696185	3696185	3696229	-	6	45	TTG	TAA	0	0
mORF_-_3696242	3696242	3696265	-	6	24	ATG	TGA	0	0
mORF_-_3696314	3696314	3696376	-	6	63	TTG	TAG	0	0
mORF_-_3696416	3696416	3696508	-	6	93	ATG	TAG	0	0
mORF_-_3696548	3696548	3696745	-	6	198	GTG	TAA	0	0
mORF_-_3696565	3696565	3696570	-	5	6	GTG	TGA	0	0
mORF_-_3696577	3696577	3696636	-	5	60	GTG	TAA	0	0
mORF_-_3696633	3696633	3696638	-	4	6	TTG	TGA	0	0
mORF_-_3696675	3696675	3696827	-	4	153	TTG	TAG	0	0
mORF_-_3696691	3696691	3696843	-	5	153	TTG	TAA	0	0
mORF_-_3696853	3696853	3696939	-	5	87	ATG	TAA	0	0
mORF_-_3696932	3696932	3697060	-	6	129	GTG	TGA	0	0
mORF_-_3696945	3696945	3697025	-	4	81	ATG	TAG	0	0
mORF_-_3696955	3696955	3697014	-	5	60	GTG	TAA	0	0
mORF_-_3697064	3697064	3697123	-	6	60	GTG	TAG	0	0
mORF_-_3697089	3697089	3697565	-	4	477	GTG	TAA	0	0
mORF_-_3697123	3697123	3697143	-	5	21	TTG	TAG	0	0
mORF_-_3697154	3697154	3697261	-	6	108	ATG	TAG	0	0
mORF_-_3697186	3697186	3697287	-	5	102	TTG	TAA	0	0
mORF_-_3697328	3697328	3697399	-	6	72	GTG	TAA	0	0
mORF_-_3697366	3697366	3697419	-	5	54	GTG	TAA	0	0
mORF_-_3697403	3697403	3697432	-	6	30	TTG	TAG	0	0
mORF_-_3697436	3697436	3697453	-	6	18	TTG	TAA	0	0
mORF_-_3697463	3697463	3697666	-	6	204	ATG	TAA	0	0
mORF_-_3697605	3697605	3697814	-	4	210	TTG	TAG	0	0
mORF_-_3697630	3697630	3697689	-	5	60	GTG	TGA	0	0
mORF_-_3697679	3697679	3697798	-	6	120	GTG	TGA	0	0
mORF_-_3697795	3697795	3697839	-	5	45	TTG	TGA	0	0
mORF_-_3697836	3697836	3697856	-	4	21	TTG	TGA	0	0
mORF_-_3697849	3697849	3698001	-	5	153	GTG	TAA	0	0
mORF_-_3697904	3697904	3697996	-	6	93	ATG	TAA	0	0
mORF_-_3698003	3698003	3698278	-	6	276	GTG	TAA	0	0
mORF_-_3698032	3698032	3698055	-	5	24	TTG	TGA	0	0
mORF_-_3698068	3698068	3698076	-	5	9	ATG	TAG	0	0
mORF_-_3698073	3698073	3698135	-	4	63	TTG	TGA	0	0
mORF_-_3698191	3698191	3698268	-	5	78	ATG	TGA	0	0
mORF_-_3698275	3698275	3698436	-	5	162	TTG	TGA	0	0
mORF_-_3698306	3698306	3698338	-	6	33	TTG	TAG	0	0
mORF_-_3698325	3698325	3698348	-	4	24	ATG	TGA	0	0
mORF_-_3698376	3698376	3698519	-	4	144	GTG	TAA	0	0
mORF_-_3698396	3698396	3698488	-	6	93	ATG	TGA	0	0
mORF_-_3698485	3698485	3698550	-	5	66	ATG	TGA	0	0
mORF_-_3698492	3698492	3698530	-	6	39	TTG	TAA	0	0
mORF_-_3698543	3698543	3698614	-	6	72	TTG	TAA	0	0
mORF_-_3698547	3698547	3698594	-	4	48	GTG	TGA	0	0
mORF_-_3698584	3698584	3698601	-	5	18	GTG	TAA	0	0
mORF_-_3698601	3698601	3698612	-	4	12	GTG	TAG	0	0
mORF_-_3698629	3698629	3698634	-	5	6	GTG	TAA	0	0
mORF_-_3698636	3698636	3698752	-	6	117	ATG	TAG	0	0
mORF_-_3698658	3698658	3698708	-	4	51	TTG	TAA	0	0
mORF_-_3698756	3698756	3698785	-	6	30	ATG	TAA	0	0
mORF_-_3698790	3698790	3698906	-	4	117	GTG	TAA	0	0
mORF_-_3698825	3698825	3698830	-	6	6	GTG	TAG	0	0
mORF_-_3698914	3698914	3698991	-	5	78	GTG	TAA	0	0
mORF_-_3698988	3698988	3698993	-	4	6	TTG	TGA	0	0
mORF_-_3699002	3699002	3699205	-	6	204	ATG	TAA	0	0
mORF_-_3699057	3699057	3699320	-	4	264	GTG	TAA	0	0
mORF_-_3699064	3699064	3699081	-	5	18	TTG	TAA	0	0
mORF_-_3699199	3699199	3699210	-	5	12	ATG	TAA	0	0
mORF_-_3699244	3699244	3699297	-	5	54	TTG	TAA	0	0
mORF_-_3699329	3699329	3699469	-	6	141	ATG	TAA	0	0
mORF_-_3699373	3699373	3699384	-	5	12	TTG	TAA	0	0
mORF_-_3699381	3699381	3699419	-	4	39	TTG	TGA	0	0

mORF_-_3699385	3699385	3699432	-	5	48	GTG	TAA	0	0	
mORF_-_3699426	3699426	3699542	-	4	117	GTG	TGA	0	0	
mORF_-_3699470	3699470	3699526	-	6	57	ATG	TGA	0	0	
mORF_-_3699490	3699490	3699516	-	5	27	ATG	TAA	0	0	
mORF_-_3699527	3699527	3699646	-	6	120	ATG	TAA	0	0	
mORF_-_3699601	3699601	3699609	-	5	9	GTG	TAA	0	0	
mORF_-_3699695	3699695	3699736	-	6	42	ATG	TGA	0	0	
mORF_-_3699711	3699711	3699767	-	4	57	TTG	TAA	0	0	
mORF_-_3699733	3699733	3699765	-	5	33	GTG	TGA	0	0	
mORF_-_3699752	3699752	3699817	-	6	66	ATG	TAG	0	0	
mORF_-_3699787	3699787	3699921	-	5	135	TTG	TAA	0	0	
mORF_-_3699822	3699822	3699869	-	4	48	ATG	TAG	0	0	
mORF_-_3699887	3699887	3700891	-	6	1005	ATG	TAA	26	123	pORF_-_3699887
mORF_-_3699912	3699912	3700016	-	4	105	TTG	TGA	0	0	
mORF_-_3700030	3700030	3700050	-	5	21	GTG	TGA	0	0	
mORF_-_3700195	3700195	3700248	-	5	54	ATG	TGA	0	0	
mORF_-_3700288	3700288	3700341	-	5	54	TTG	TGA	0	0	
mORF_-_3700342	3700342	3700350	-	5	9	ATG	TGA	0	0	
mORF_-_3700363	3700363	3700428	-	5	66	ATG	TGA	0	0	
mORF_-_3700510	3700510	3700527	-	5	18	TTG	TGA	0	0	
mORF_-_3700555	3700555	3700680	-	5	126	TTG	TGA	0	0	
mORF_-_3700732	3700732	3700776	-	5	45	ATG	TAG	0	0	
mORF_-_3700785	3700785	3700916	-	4	132	TTG	TAA	0	0	
mORF_-_3700888	3700888	3701871	-	5	984	ATG	TGA	21	73	pORF_-_3700888
mORF_-_3700913	3700913	3700930	-	6	18	ATG	TGA	0	0	
mORF_-_3700959	3700959	3701189	-	4	231	ATG	TGA	0	0	
mORF_-_3700973	3700973	3700984	-	6	12	ATG	TGA	0	0	
mORF_-_3701193	3701193	3701237	-	4	45	ATG	TGA	0	0	
mORF_-_3701313	3701313	3701345	-	4	33	TTG	TGA	0	0	
mORF_-_3701346	3701346	3701369	-	4	24	TTG	TGA	0	0	
mORF_-_3701397	3701397	3701429	-	4	33	ATG	TGA	0	0	
mORF_-_3701466	3701466	3701477	-	4	12	TTG	TGA	0	0	
mORF_-_3701522	3701522	3701560	-	6	39	GTG	TAA	0	0	
mORF_-_3701592	3701592	3701609	-	4	18	GTG	TGA	0	0	
mORF_-_3701682	3701682	3701702	-	4	21	TTG	TAA	0	0	
mORF_-_3701703	3701703	3701759	-	4	57	TTG	TGA	0	0	
mORF_-_3701853	3701853	3701858	-	4	6	ATG	TAG	0	0	
mORF_-_3701882	3701882	3702784	-	6	903	ATG	TAA	1	2	pORF_-_3701882
mORF_-_3701890	3701890	3701925	-	5	36	GTG	TGA	0	0	
mORF_-_3701934	3701934	3702035	-	4	102	GTG	TAA	0	0	
mORF_-_3701977	3701977	3702126	-	5	150	TTG	TGA	0	0	
mORF_-_3702127	3702127	3702186	-	5	60	GTG	TGA	0	0	
mORF_-_3702247	3702247	3702273	-	5	27	TTG	TAA	0	0	
mORF_-_3702280	3702280	3702408	-	5	129	TTG	TGA	0	0	
mORF_-_3702445	3702445	3702459	-	5	15	TTG	TGA	0	0	
mORF_-_3702460	3702460	3702495	-	5	36	GTG	TAG	0	0	
mORF_-_3702502	3702502	3702522	-	5	21	GTG	TGA	0	0	
mORF_-_3702526	3702526	3702642	-	5	117	TTG	TAG	0	0	
mORF_-_3702794	3702794	3703813	-	6	1020	ATG	TAA	1	3	pORF_-_3702794
mORF_-_3702898	3702898	3702930	-	5	33	TTG	TAG	0	0	
mORF_-_3702927	3702927	3702956	-	4	30	GTG	TGA	0	0	
mORF_-_3703021	3703021	3703053	-	5	33	ATG	TGA	0	0	
mORF_-_3703144	3703144	3703185	-	5	42	TTG	TGA	0	0	
mORF_-_3703198	3703198	3703236	-	5	39	GTG	TGA	0	0	
mORF_-_3703270	3703270	3703287	-	5	18	ATG	TAA	0	0	
mORF_-_3703284	3703284	3703373	-	4	90	GTG	TGA	0	0	
mORF_-_3703399	3703399	3703488	-	5	90	TTG	TGA	0	0	
mORF_-_3703443	3703443	3703628	-	4	186	GTG	TAA	0	0	
mORF_-_3703492	3703492	3703509	-	5	18	TTG	TGA	0	0	
mORF_-_3703579	3703579	3703590	-	5	12	ATG	TAG	0	0	
mORF_-_3703639	3703639	3703689	-	5	51	GTG	TAG	0	0	
mORF_-_3703726	3703726	3703869	-	5	144	GTG	TGA	0	0	
mORF_-_3703826	3703826	3703876	-	6	51	TTG	TAG	0	0	

mORF_-_3703866	3703866	3703871	-	4	6	TTG	TGA	0	0	
mORF_-_3703873	3703873	3703947	-	5	75	GTG	TGA	0	0	
mORF_-_3703886	3703886	3703969	-	6	84	TTG	TAA	0	0	
mORF_-_3703999	3703999	3704100	-	5	102	ATG	TAA	0	0	
mORF_-_3704016	3704016	3704021	-	4	6	TTG	TAG	0	0	
mORF_-_3704034	3704034	3704078	-	4	45	ATG	TGA	0	0	
mORF_-_3704121	3704121	3705728	-	4	1608	ATG	TAA	207	7373	pORF_-_3704121
mORF_-_3704156	3704156	3704203	-	6	48	TTG	TAG	0	0	
mORF_-_3704249	3704249	3704305	-	6	57	GTG	TGA	0	0	
mORF_-_3704318	3704318	3704329	-	6	12	TTG	TGA	0	0	
mORF_-_3704326	3704326	3704346	-	5	21	ATG	TGA	0	0	
mORF_-_3704441	3704441	3704503	-	6	63	TTG	TAA	0	0	
mORF_-_3704482	3704482	3704490	-	5	9	ATG	TGA	0	0	
mORF_-_3704572	3704572	3704601	-	5	30	GTG	TAA	0	0	
mORF_-_3704692	3704692	3704703	-	5	12	GTG	TAA	0	0	
mORF_-_3704807	3704807	3704815	-	6	9	ATG	TGA	0	0	
mORF_-_3704890	3704890	3704946	-	5	57	ATG	TAA	0	0	
mORF_-_3704936	3704936	3705043	-	6	108	TTG	TGA	0	0	
mORF_-_3705146	3705146	3705160	-	6	15	ATG	TGA	0	0	
mORF_-_3705227	3705227	3705235	-	6	9	TTG	TGA	0	0	
mORF_-_3705263	3705263	3705271	-	6	9	GTG	TGA	0	0	
mORF_-_3705275	3705275	3705382	-	6	108	ATG	TGA	0	0	
mORF_-_3705389	3705389	3705397	-	6	9	GTG	TGA	0	0	
mORF_-_3705415	3705415	3705429	-	5	15	GTG	TAA	0	0	
mORF_-_3705431	3705431	3705436	-	6	6	GTG	TGA	0	0	
mORF_-_3705463	3705463	3705486	-	5	24	GTG	TAA	0	0	
mORF_-_3705506	3705506	3705655	-	6	150	GTG	TGA	0	0	
mORF_-_3705601	3705601	3705630	-	5	30	TTG	TAA	0	0	
mORF_-_3705643	3705643	3705741	-	5	99	TTG	TAA	0	0	
mORF_-_3705668	3705668	3705691	-	6	24	TTG	TGA	0	0	
mORF_-_3705728	3705728	3705820	-	6	93	TTG	TAA	0	0	
mORF_-_3705759	3705759	3705854	-	4	96	ATG	TAA	0	0	
mORF_-_3705844	3705844	3705879	-	5	36	ATG	TAG	0	0	
mORF_-_3705854	3705854	3705910	-	6	57	TTG	TGA	0	0	
mORF_-_3705897	3705897	3705974	-	4	78	TTG	TAG	0	0	
mORF_-_3705926	3705926	3705970	-	6	45	GTG	TGA	0	0	
mORF_-_3705946	3705946	3705972	-	5	27	GTG	TAA	0	0	
mORF_-_3705978	3705978	3706043	-	4	66	TTG	TAA	0	0	
mORF_-_3706021	3706021	3706065	-	5	45	ATG	TAG	0	0	
mORF_-_3706073	3706073	3706087	-	6	15	ATG	TAA	0	0	
mORF_-_3706080	3706080	3706340	-	4	261	GTG	TAA	0	0	
mORF_-_3706088	3706088	3706138	-	6	51	ATG	TAA	0	0	
mORF_-_3706144	3706144	3706206	-	5	63	TTG	TAG	0	0	
mORF_-_3706199	3706199	3706222	-	6	24	TTG	TAA	0	0	
mORF_-_3706232	3706232	3706756	-	6	525	TTG	TGA	0	0	
mORF_-_3706243	3706243	3706605	-	5	363	TTG	TAA	0	0	
mORF_-_3706587	3706587	3706709	-	4	123	TTG	TGA	0	0	
mORF_-_3706693	3706693	3706713	-	5	21	GTG	TAG	0	0	
mORF_-_3706753	3706753	3706770	-	5	18	TTG	TGA	0	0	
mORF_-_3706761	3706761	3706892	-	4	132	TTG	TAA	0	0	
mORF_-_3706807	3706807	3708531	-	5	1725	GTG	TAA	1	3	pORF_-_3706807
mORF_-_3706811	3706811	3706846	-	6	36	GTG	TAA	0	0	
mORF_-_3706862	3706862	3706897	-	6	36	TTG	TAA	0	0	
mORF_-_3706959	3706959	3706982	-	4	24	ATG	TGA	0	0	
mORF_-_3707022	3707022	3707153	-	4	132	TTG	TGA	0	0	
mORF_-_3707154	3707154	3707180	-	4	27	ATG	TGA	0	0	
mORF_-_3707184	3707184	3707198	-	4	15	ATG	TGA	0	0	
mORF_-_3707208	3707208	3707243	-	4	36	TTG	TGA	0	0	
mORF_-_3707234	3707234	3707260	-	6	27	GTG	TGA	0	0	
mORF_-_3707325	3707325	3707339	-	4	15	ATG	TGA	0	0	
mORF_-_3707373	3707373	3707390	-	4	18	ATG	TAG	0	0	
mORF_-_3707391	3707391	3707444	-	4	54	TTG	TAG	0	0	
mORF_-_3707432	3707432	3707476	-	6	45	GTG	TGA	0	0	

mORF_-_3707550	3707550	3707852	-	4	303	ATG	TAA	0	0	
mORF_-_3707567	3707567	3707602	-	6	36	TTG	TAA	0	0	
mORF_-_3707693	3707693	3707722	-	6	30	TTG	TGA	0	0	
mORF_-_3707898	3707898	3708107	-	4	210	GTG	TAG	0	0	
mORF_-_3707924	3707924	3707986	-	6	63	TTG	TGA	0	0	
mORF_-_3708135	3708135	3708146	-	4	12	TTG	TGA	0	0	
mORF_-_3708174	3708174	3708212	-	4	39	ATG	TGA	0	0	
mORF_-_3708222	3708222	3708293	-	4	72	TTG	TGA	0	0	
mORF_-_3708324	3708324	3708425	-	4	102	ATG	TGA	0	0	
mORF_-_3708347	3708347	3708517	-	6	171	TTG	TGA	0	0	
mORF_-_3708426	3708426	3708452	-	4	27	TTG	TGA	0	0	
mORF_-_3708495	3708495	3708506	-	4	12	TTG	TGA	0	0	
mORF_-_3708548	3708548	3708679	-	6	132	TTG	TGA	0	0	
mORF_-_3708595	3708595	3708663	-	5	69	TTG	TAG	0	0	
mORF_-_3708666	3708666	3708671	-	4	6	TTG	TAA	0	0	
mORF_-_3708701	3708701	3708739	-	6	39	TTG	TAA	0	0	
mORF_-_3708727	3708727	3708753	-	5	27	ATG	TAA	0	0	
mORF_-_3708743	3708743	3708844	-	6	102	GTG	TAA	0	0	
mORF_-_3708750	3708750	3708788	-	4	39	GTG	TGA	0	0	
mORF_-_3708757	3708757	3708822	-	5	66	ATG	TAA	0	0	
mORF_-_3708822	3708822	3710075	-	4	1254	TTG	TAA	0	0	
mORF_-_3708841	3708841	3708969	-	5	129	TTG	TGA	0	0	
mORF_-_3708926	3708926	3708967	-	6	42	GTG	TGA	0	0	
mORF_-_3708998	3708998	3709108	-	6	111	TTG	TGA	0	0	
mORF_-_3709115	3709115	3709123	-	6	9	ATG	TGA	0	0	
mORF_-_3709124	3709124	3709135	-	6	12	TTG	TGA	0	0	
mORF_-_3709166	3709166	3709291	-	6	126	TTG	TGA	0	0	
mORF_-_3709322	3709322	3709330	-	6	9	TTG	TAG	0	0	
mORF_-_3709373	3709373	3709438	-	6	66	ATG	TAG	0	0	
mORF_-_3709393	3709393	3709521	-	5	129	TTG	TAA	0	0	
mORF_-_3709475	3709475	3709495	-	6	21	TTG	TAA	0	0	
mORF_-_3709499	3709499	3709510	-	6	12	TTG	TGA	0	0	
mORF_-_3709523	3709523	3709600	-	6	78	ATG	TGA	0	0	
mORF_-_3709633	3709633	3709650	-	5	18	GTG	TAA	0	0	
mORF_-_3709652	3709652	3709657	-	6	6	GTG	TGA	0	0	
mORF_-_3709660	3709660	3709725	-	5	66	GTG	TAA	0	0	
mORF_-_3709670	3709670	3709711	-	6	42	GTG	TGA	0	0	
mORF_-_3709766	3709766	3709837	-	6	72	TTG	TAG	0	0	
mORF_-_3709895	3709895	3709966	-	6	72	TTG	TAA	0	0	
mORF_-_3709930	3709930	3710115	-	5	186	ATG	TAA	0	0	
mORF_-_3710093	3710093	3710125	-	6	33	ATG	TAA	0	0	
mORF_-_3710145	3710145	3710171	-	4	27	TTG	TAA	0	0	
mORF_-_3710150	3710150	3710206	-	6	57	GTG	TGA	0	0	
mORF_-_3710172	3710172	3710219	-	4	48	GTG	TAA	0	0	
mORF_-_3710200	3710200	3710244	-	5	45	TTG	TAA	0	0	
mORF_-_3710210	3710210	3710221	-	6	12	TTG	TAG	0	0	
mORF_-_3710259	3710259	3710963	-	4	705	GTG	TAA	0	0	
mORF_-_3710327	3710327	3710347	-	6	21	TTG	TAA	0	0	
mORF_-_3710375	3710375	3710386	-	6	12	ATG	TAG	0	0	
mORF_-_3710426	3710426	3710521	-	6	96	GTG	TGA	0	0	
mORF_-_3710515	3710515	3710553	-	5	39	ATG	TGA	0	0	
mORF_-_3710537	3710537	3710548	-	6	12	ATG	TGA	0	0	
mORF_-_3710564	3710564	3710659	-	6	96	ATG	TGA	0	0	
mORF_-_3710696	3710696	3710896	-	6	201	GTG	TGA	1	2	pORF_-_3710696
mORF_-_3710845	3710845	3711024	-	5	180	ATG	TGA	0	0	
mORF_-_3710921	3710921	3710938	-	6	18	GTG	TAA	0	0	
mORF_-_3711000	3711000	3711101	-	4	102	ATG	TGA	0	0	
mORF_-_3711053	3711053	3711067	-	6	15	TTG	TGA	0	0	
mORF_-_3711064	3711064	3711165	-	5	102	ATG	TGA	0	0	
mORF_-_3711159	3711159	3711266	-	4	108	TTG	TAG	0	0	
mORF_-_3711244	3711244	3711498	-	5	255	TTG	TAA	0	0	
mORF_-_3711263	3711263	3711325	-	6	63	TTG	TGA	0	0	
mORF_-_3711368	3711368	3711397	-	6	30	TTG	TAA	0	0	

mORF_-_3711398	3711398	3711526	-	6	129	ATG	TAA	0	0	
mORF_-_3711480	3711480	3711593	-	4	114	GTG	TGA	0	0	
mORF_-_3711547	3711547	3711738	-	5	192	TTG	TAG	0	0	
mORF_-_3711551	3711551	3711559	-	6	9	GTG	TAG	0	0	
mORF_-_3711575	3711575	3711595	-	6	21	TTG	TAA	0	0	
mORF_-_3711608	3711608	3711676	-	6	69	ATG	TAA	0	0	
mORF_-_3711657	3711657	3711692	-	4	36	TTG	TAG	0	0	
mORF_-_3711696	3711696	3712070	-	4	375	TTG	TGA	0	0	
mORF_-_3711767	3711767	3711784	-	6	18	ATG	TAA	0	0	
mORF_-_3711803	3711803	3711868	-	6	66	ATG	TAG	0	0	
mORF_-_3711868	3711868	3711906	-	5	39	GTG	TAA	0	0	
mORF_-_3711916	3711916	3712080	-	5	165	ATG	TGA	0	0	
mORF_-_3712034	3712034	3712078	-	6	45	GTG	TGA	0	0	
mORF_-_3712071	3712071	3712106	-	4	36	TTG	TAG	0	0	
mORF_-_3712084	3712084	3714417	-	5	2334	TTG	TAA	5	6	pORF_-_3712084
mORF_-_3712103	3712103	3712150	-	6	48	ATG	TGA	0	0	
mORF_-_3712119	3712119	3712178	-	4	60	ATG	TGA	0	0	
mORF_-_3712232	3712232	3712237	-	6	6	TTG	TAA	0	0	
mORF_-_3712244	3712244	3712288	-	6	45	TTG	TGA	0	0	
mORF_-_3712290	3712290	3712424	-	4	135	GTG	TGA	0	0	
mORF_-_3712313	3712313	3712354	-	6	42	GTG	TAG	0	0	
mORF_-_3712421	3712421	3712576	-	6	156	TTG	TGA	0	0	
mORF_-_3712464	3712464	3712619	-	4	156	TTG	TGA	0	0	
mORF_-_3712616	3712616	3712666	-	6	51	TTG	TGA	0	0	
mORF_-_3712638	3712638	3712718	-	4	81	TTG	TAA	0	0	
mORF_-_3712719	3712719	3712874	-	4	156	GTG	TAA	0	0	
mORF_-_3712796	3712796	3712816	-	6	21	ATG	TAA	0	0	
mORF_-_3712875	3712875	3712913	-	4	39	ATG	TAA	0	0	
mORF_-_3712935	3712935	3712967	-	4	33	GTG	TGA	0	0	
mORF_-_3712971	3712971	3712994	-	4	24	TTG	TGA	0	0	
mORF_-_3712991	3712991	3713053	-	6	63	ATG	TGA	0	0	
mORF_-_3713054	3713054	3713143	-	6	90	GTG	TGA	0	0	
mORF_-_3713061	3713061	3713090	-	4	30	GTG	TGA	0	0	
mORF_-_3713094	3713094	3713132	-	4	39	GTG	TGA	0	0	
mORF_-_3713175	3713175	3713348	-	4	174	TTG	TGA	0	0	
mORF_-_3713400	3713400	3713423	-	4	24	TTG	TGA	0	0	
mORF_-_3713417	3713417	3713536	-	6	120	ATG	TGA	0	0	
mORF_-_3713454	3713454	3713519	-	4	66	GTG	TGA	0	0	
mORF_-_3713550	3713550	3713639	-	4	90	ATG	TAG	0	0	
mORF_-_3713558	3713558	3713707	-	6	150	GTG	TGA	0	0	
mORF_-_3713670	3713670	3713756	-	4	87	TTG	TGA	0	0	
mORF_-_3713763	3713763	3713834	-	4	72	TTG	TGA	0	0	
mORF_-_3713813	3713813	3713830	-	6	18	GTG	TGA	0	0	
mORF_-_3713838	3713838	3714155	-	4	318	ATG	TGA	0	0	
mORF_-_3713855	3713855	3713866	-	6	12	GTG	TAA	0	0	
mORF_-_3713882	3713882	3713905	-	6	24	TTG	TAG	0	0	
mORF_-_3714152	3714152	3714160	-	6	9	TTG	TGA	0	0	
mORF_-_3714162	3714162	3714218	-	4	57	TTG	TGA	0	0	
mORF_-_3714312	3714312	3714356	-	4	45	TTG	TAG	0	0	
mORF_-_3714353	3714353	3714373	-	6	21	TTG	TGA	0	0	
mORF_-_3714454	3714454	3714570	-	5	117	TTG	TAA	0	0	
mORF_-_3714461	3714461	3714541	-	6	81	TTG	TAA	0	0	
mORF_-_3714465	3714465	3714470	-	4	6	TTG	TAA	0	0	
mORF_-_3714504	3714504	3714527	-	4	24	GTG	TGA	0	0	
mORF_-_3714564	3714564	3715193	-	4	630	TTG	TAA	0	0	
mORF_-_3714584	3714584	3714634	-	6	51	GTG	TAA	0	0	
mORF_-_3714589	3714589	3714636	-	5	48	TTG	TAA	0	0	
mORF_-_3714644	3714644	3714649	-	6	6	GTG	TAA	0	0	
mORF_-_3714806	3714806	3714958	-	6	153	GTG	TAA	0	0	
mORF_-_3714952	3714952	3714975	-	5	24	TTG	TAG	0	0	
mORF_-_3715019	3715019	3715033	-	6	15	GTG	TAA	0	0	
mORF_-_3715040	3715040	3715126	-	6	87	ATG	TGA	0	0	
mORF_-_3715133	3715133	3715267	-	6	135	ATG	TGA	0	0	

mORF_-_3715150	3715150	3715158	-	5	9	TTG	TAG	0	0	
mORF_-_3715210	3715210	3715260	-	5	51	GTG	TAA	0	0	
mORF_-_3715271	3715271	3715288	-	6	18	ATG	TGA	0	0	
mORF_-_3715314	3715314	3715334	-	4	21	ATG	TGA	0	0	
mORF_-_3715353	3715353	3715403	-	4	51	GTG	TAG	0	0	
mORF_-_3715375	3715375	3715446	-	5	72	TTG	TAA	0	0	
mORF_-_3715400	3715400	3715420	-	6	21	TTG	TGA	0	0	
mORF_-_3715407	3715407	3715541	-	4	135	GTG	TGA	0	0	
mORF_-_3715424	3715424	3715546	-	6	123	TTG	TGA	0	0	
mORF_-_3715543	3715543	3715614	-	5	72	GTG	TGA	0	0	
mORF_-_3715560	3715560	3715754	-	4	195	GTG	TAG	0	0	
mORF_-_3715586	3715586	3715621	-	6	36	TTG	TAA	0	0	
mORF_-_3715627	3715627	3715872	-	5	246	ATG	TAA	0	0	
mORF_-_3715670	3715670	3715816	-	6	147	GTG	TAG	0	0	
mORF_-_3715761	3715761	3715847	-	4	87	ATG	TGA	0	0	
mORF_-_3715851	3715851	3715895	-	4	45	TTG	TAG	0	0	
mORF_-_3715924	3715924	3715929	-	5	6	TTG	TAA	0	0	
mORF_-_3715960	3715960	3716127	-	5	168	TTG	TAA	0	0	
mORF_-_3715977	3715977	3716030	-	4	54	ATG	TGA	0	0	
mORF_-_3716030	3716030	3716161	-	6	132	TTG	TAA	0	0	
mORF_-_3716097	3716097	3716201	-	4	105	GTG	TGA	0	0	
mORF_-_3716158	3716158	3716205	-	5	48	ATG	TGA	0	0	
mORF_-_3716214	3716214	3716222	-	4	9	ATG	TAA	0	0	
mORF_-_3716257	3716257	3716295	-	5	39	GTG	TAA	0	0	
mORF_-_3716350	3716350	3716427	-	5	78	TTG	TAA	0	0	
mORF_-_3716357	3716357	3717187	-	6	831	ATG	TAA	27	140	pORF_-_3716357
mORF_-_3716428	3716428	3716487	-	5	60	TTG	TGA	0	0	
mORF_-_3716491	3716491	3716526	-	5	36	TTG	TGA	0	0	
mORF_-_3716566	3716566	3716583	-	5	18	ATG	TGA	0	0	
mORF_-_3716596	3716596	3716622	-	5	27	TTG	TAA	0	0	
mORF_-_3716632	3716632	3716640	-	5	9	ATG	TGA	0	0	
mORF_-_3716650	3716650	3716712	-	5	63	GTG	TAA	0	0	
mORF_-_3716725	3716725	3716733	-	5	9	GTG	TGA	0	0	
mORF_-_3716791	3716791	3716796	-	5	6	TTG	TAG	0	0	
mORF_-_3716827	3716827	3716880	-	5	54	TTG	TGA	0	0	
mORF_-_3716902	3716902	3716922	-	5	21	GTG	TGA	0	0	
mORF_-_3716932	3716932	3716997	-	5	66	GTG	TGA	0	0	
mORF_-_3716985	3716985	3716993	-	4	9	GTG	TGA	0	0	
mORF_-_3717013	3717013	3717099	-	5	87	GTG	TAA	0	0	
mORF_-_3717081	3717081	3717107	-	4	27	GTG	TGA	0	0	
mORF_-_3717162	3717162	3717203	-	4	42	TTG	TAG	0	0	
mORF_-_3717184	3717184	3717336	-	5	153	ATG	TGA	0	0	
mORF_-_3717302	3717302	3717307	-	6	6	TTG	TAA	0	0	
mORF_-_3717340	3717340	3717519	-	5	180	TTG	TGA	0	0	
mORF_-_3717390	3717390	3717404	-	4	15	ATG	TGA	0	0	
mORF_-_3717447	3717447	3717470	-	4	24	GTG	TAA	0	0	
mORF_-_3717467	3717467	3717685	-	6	219	ATG	TGA	0	0	
mORF_-_3717498	3717498	3717590	-	4	93	GTG	TGA	0	0	
mORF_-_3717577	3717577	3717768	-	5	192	ATG	TAA	0	0	
mORF_-_3717732	3717732	3717755	-	4	24	TTG	TAG	0	0	
mORF_-_3717752	3717752	3717760	-	6	9	TTG	TGA	0	0	
mORF_-_3717768	3717768	3717884	-	4	117	GTG	TAA	0	0	
mORF_-_3717850	3717850	3717891	-	5	42	TTG	TAA	0	0	
mORF_-_3717881	3717881	3717964	-	6	84	TTG	TGA	0	0	
mORF_-_3717900	3717900	3717908	-	4	9	GTG	TAA	0	0	
mORF_-_3717910	3717910	3717954	-	5	45	TTG	TGA	0	0	
mORF_-_3717933	3717933	3718046	-	4	114	GTG	TAA	0	0	
mORF_-_3717961	3717961	3717996	-	5	36	ATG	TGA	0	0	
mORF_-_3717968	3717968	3717994	-	6	27	GTG	TAA	0	0	
mORF_-_3718001	3718001	3718048	-	6	48	GTG	TAA	0	0	
mORF_-_3718009	3718009	3718170	-	5	162	GTG	TGA	0	0	
mORF_-_3718056	3718056	3718136	-	4	81	GTG	TAA	0	0	
mORF_-_3718194	3718194	3718199	-	4	6	TTG	TAA	0	0	

mORF_-_3718215	3718215	3718322	-	4	108	ATG	TGA	0	0	
mORF_-_3718307	3718307	3718417	-	6	111	TTG	TAG	0	0	
mORF_-_3718338	3718338	3718430	-	4	93	TTG	TAA	0	0	
mORF_-_3718471	3718471	3718665	-	5	195	GTG	TAA	0	0	
mORF_-_3718491	3718491	3718538	-	4	48	GTG	TAG	0	0	
mORF_-_3718535	3718535	3718585	-	6	51	TTG	TGA	0	0	
mORF_-_3718593	3718593	3718649	-	4	57	TTG	TAA	0	0	
mORF_-_3718607	3718607	3718669	-	6	63	ATG	TAG	0	0	
mORF_-_3718698	3718698	3718715	-	4	18	TTG	TAG	0	0	
mORF_-_3718706	3718706	3718849	-	6	144	ATG	TGA	0	0	
mORF_-_3718753	3718753	3718761	-	5	9	GTG	TAG	0	0	
mORF_-_3718758	3718758	3718763	-	4	6	TTG	TGA	0	0	
mORF_-_3718774	3718774	3718785	-	5	12	ATG	TAA	0	0	
mORF_-_3718782	3718782	3718793	-	4	12	GTG	TGA	0	0	
mORF_-_3718818	3718818	3718826	-	4	9	ATG	TGA	0	0	
mORF_-_3718837	3718837	3718941	-	5	105	ATG	TAG	0	0	
mORF_-_3718862	3718862	3718966	-	6	105	GTG	TAA	0	0	
mORF_-_3719011	3719011	3719133	-	5	123	ATG	TAG	0	0	
mORF_-_3719046	3719046	3719120	-	4	75	TTG	TGA	0	0	
mORF_-_3719117	3719117	3719152	-	6	36	TTG	TGA	0	0	
mORF_-_3719175	3719175	3719234	-	4	60	TTG	TAA	0	0	
mORF_-_3719201	3719201	3719209	-	6	9	ATG	TAA	0	0	
mORF_-_3719206	3719206	3719214	-	5	9	GTG	TGA	0	0	
mORF_-_3719239	3719239	3719310	-	5	72	ATG	TAG	0	0	
mORF_-_3719307	3719307	3719336	-	4	30	TTG	TGA	0	0	
mORF_-_3719311	3719311	3719448	-	5	138	ATG	TAG	0	0	
mORF_-_3719441	3719441	3719482	-	6	42	GTG	TAA	0	0	
mORF_-_3719457	3719457	3719504	-	4	48	TTG	TGA	0	0	
mORF_-_3719479	3719479	3719847	-	5	369	TTG	TGA	0	0	
mORF_-_3719517	3719517	3719669	-	4	153	TTG	TAA	0	0	
mORF_-_3719573	3719573	3719584	-	6	12	TTG	TAG	0	0	
mORF_-_3719675	3719675	3719740	-	6	66	ATG	TAA	0	0	
mORF_-_3719682	3719682	3719714	-	4	33	ATG	TAA	0	0	
mORF_-_3719733	3719733	3719744	-	4	12	TTG	TGA	0	0	
mORF_-_3719814	3719814	3719867	-	4	54	TTG	TGA	0	0	
mORF_-_3719988	3719988	3719993	-	4	6	TTG	TAG	0	0	
mORF_-_3720005	3720005	3720175	-	6	171	GTG	TAA	0	0	
mORF_-_3720069	3720069	3720080	-	4	12	TTG	TAA	0	0	
mORF_-_3720091	3720091	3720171	-	5	81	TTG	TGA	0	0	
mORF_-_3720114	3720114	3720161	-	4	48	TTG	TGA	0	0	
mORF_-_3720225	3720225	3720239	-	4	15	ATG	TAG	0	0	
mORF_-_3720332	3720332	3720376	-	6	45	TTG	TAG	0	0	
mORF_-_3720351	3720351	3722420	-	4	2070	ATG	TAA	184	3369	pORF_-_3720351
mORF_-_3720413	3720413	3720445	-	6	33	TTG	TGA	0	0	
mORF_-_3720455	3720455	3720568	-	6	114	TTG	TGA	0	0	
mORF_-_3720602	3720602	3720616	-	6	15	ATG	TGA	0	0	
mORF_-_3720629	3720629	3720700	-	6	72	ATG	TGA	0	0	
mORF_-_3720728	3720728	3720859	-	6	132	TTG	TGA	0	0	
mORF_-_3720860	3720860	3720871	-	6	12	ATG	TAG	0	0	
mORF_-_3720875	3720875	3720889	-	6	15	ATG	TGA	0	0	
mORF_-_3720911	3720911	3721072	-	6	162	GTG	TGA	0	0	
mORF_-_3721054	3721054	3721074	-	5	21	TTG	TGA	0	0	
mORF_-_3721076	3721076	3721129	-	6	54	ATG	TAG	0	0	
mORF_-_3721126	3721126	3721239	-	5	114	GTG	TGA	0	0	
mORF_-_3721130	3721130	3721174	-	6	45	ATG	TGA	0	0	
mORF_-_3721229	3721229	3721573	-	6	345	GTG	TGA	0	0	
mORF_-_3721597	3721597	3721653	-	5	57	GTG	TGA	0	0	
mORF_-_3721691	3721691	3721792	-	6	102	GTG	TAA	0	0	
mORF_-_3721819	3721819	3722079	-	5	261	ATG	TAA	0	0	
mORF_-_3721979	3721979	3722017	-	6	39	TTG	TGA	0	0	
mORF_-_3722054	3722054	3722059	-	6	6	ATG	TGA	0	0	
mORF_-_3722096	3722096	3722218	-	6	123	GTG	TGA	0	0	
mORF_-_3722113	3722113	3722142	-	5	30	TTG	TGA	0	0	

mORF_-_3722242	3722242	3722283	-	5	42	ATG	TAA	0	0	
mORF_-_3722252	3722252	3722470	-	6	219	GTG	TGA	0	0	
mORF_-_3722430	3722430	3723341	-	4	912	ATG	TAA	33	222	pORF_-_3722430
mORF_-_3722434	3722434	3722448	-	5	15	GTG	TAA	0	0	
mORF_-_3722504	3722504	3722566	-	6	63	ATG	TGA	0	0	
mORF_-_3722594	3722594	3722698	-	6	105	ATG	TGA	0	0	
mORF_-_3722810	3722810	3722890	-	6	81	TTG	TAG	0	0	
mORF_-_3722872	3722872	3722937	-	5	66	GTG	TAA	0	0	
mORF_-_3722930	3722930	3722962	-	6	33	GTG	TGA	0	0	
mORF_-_3723035	3723035	3723169	-	6	135	ATG	TGA	0	0	
mORF_-_3723212	3723212	3723262	-	6	51	TTG	TGA	0	0	
mORF_-_3723305	3723305	3723331	-	6	27	TTG	TGA	0	0	
mORF_-_3723369	3723369	3723524	-	4	156	ATG	TAA	0	0	
mORF_-_3723436	3723436	3723735	-	5	300	ATG	TAA	0	0	
mORF_-_3723578	3723578	3723607	-	6	30	ATG	TAA	0	0	
mORF_-_3723621	3723621	3723641	-	4	21	TTG	TGA	0	0	
mORF_-_3723638	3723638	3723685	-	6	48	TTG	TGA	0	0	
mORF_-_3723768	3723768	3723860	-	4	93	TTG	TAA	0	0	
mORF_-_3723839	3723839	3723907	-	6	69	GTG	TGA	0	0	
mORF_-_3723844	3723844	3723864	-	5	21	TTG	TAA	0	0	
mORF_-_3723888	3723888	3723920	-	4	33	TTG	TAA	0	0	
mORF_-_3723958	3723958	3724008	-	5	51	ATG	TAA	0	0	
mORF_-_3723975	3723975	3724001	-	4	27	TTG	TGA	0	0	
mORF_-_3724005	3724005	3724085	-	4	81	ATG	TGA	0	0	
mORF_-_3724022	3724022	3724027	-	6	6	ATG	TGA	0	0	
mORF_-_3724075	3724075	3724134	-	5	60	ATG	TAG	0	0	
mORF_-_3724082	3724082	3724180	-	6	99	GTG	TGA	0	0	
mORF_-_3724185	3724185	3724211	-	4	27	TTG	TAG	0	0	
mORF_-_3724208	3724208	3724303	-	6	96	GTG	TGA	0	0	
mORF_-_3724219	3724219	3724260	-	5	42	GTG	TAA	0	0	
mORF_-_3724311	3724311	3724439	-	4	129	TTG	TGA	0	0	
mORF_-_3724373	3724373	3724423	-	6	51	TTG	TAG	0	0	
mORF_-_3724429	3724429	3724509	-	5	81	ATG	TAA	0	0	
mORF_-_3724455	3724455	3724502	-	4	48	GTG	TAG	0	0	
mORF_-_3724484	3724484	3724516	-	6	33	GTG	TAG	0	0	
mORF_-_3724559	3724559	3724576	-	6	18	ATG	TAA	0	0	
mORF_-_3724623	3724623	3724778	-	4	156	GTG	TAA	0	0	
mORF_-_3724643	3724643	3724654	-	6	12	TTG	TAA	0	0	
mORF_-_3724673	3724673	3724732	-	6	60	ATG	TAA	0	0	
mORF_-_3724714	3724714	3724728	-	5	15	ATG	TAA	0	0	
mORF_-_3724729	3724729	3724767	-	5	39	ATG	TGA	0	0	
mORF_-_3724793	3724793	3724807	-	6	15	TTG	TAA	0	0	
mORF_-_3724855	3724855	3724875	-	5	21	TTG	TAA	0	0	
mORF_-_3724862	3724862	3724921	-	6	60	GTG	TAG	0	0	
mORF_-_3724918	3724918	3724923	-	5	6	ATG	TGA	0	0	
mORF_-_3724947	3724947	3725387	-	4	441	GTG	TAA	0	0	
mORF_-_3724994	3724994	3725008	-	6	15	GTG	TAA	0	0	
mORF_-_3725005	3725005	3725103	-	5	99	GTG	TGA	0	0	
mORF_-_3725027	3725027	3725038	-	6	12	TTG	TAG	0	0	
mORF_-_3725045	3725045	3725098	-	6	54	ATG	TAA	0	0	
mORF_-_3725114	3725114	3725125	-	6	12	TTG	TGA	0	0	
mORF_-_3725153	3725153	3725188	-	6	36	ATG	TGA	0	0	
mORF_-_3725234	3725234	3725269	-	6	36	ATG	TAG	0	0	
mORF_-_3725266	3725266	3725337	-	5	72	ATG	TGA	0	0	
mORF_-_3725270	3725270	3725287	-	6	18	ATG	TAA	0	0	
mORF_-_3725297	3725297	3725323	-	6	27	TTG	TAG	0	0	
mORF_-_3725330	3725330	3725344	-	6	15	TTG	TAG	0	0	
mORF_-_3725384	3725384	3725473	-	6	90	TTG	TGA	0	0	
mORF_-_3725398	3725398	3725433	-	5	36	ATG	TGA	0	0	
mORF_-_3725430	3725430	3725813	-	4	384	TTG	TGA	0	0	
mORF_-_3725492	3725492	3725503	-	6	12	ATG	TGA	0	0	
mORF_-_3725522	3725522	3725530	-	6	9	GTG	TAA	0	0	
mORF_-_3725555	3725555	3725563	-	6	9	TTG	TAA	0	0	

mORF_-_3725564	3725564	3725638	-	6	75	TTG	TAG	0	0	
mORF_-_3725590	3725590	3725703	-	5	114	ATG	TGA	0	0	
mORF_-_3725651	3725651	3725680	-	6	30	GTG	TAA	0	0	
mORF_-_3725681	3725681	3725737	-	6	57	TTG	TAA	0	0	
mORF_-_3725786	3725786	3725845	-	6	60	TTG	TAG	0	0	
mORF_-_3725800	3725800	3725823	-	5	24	TTG	TAA	0	0	
mORF_-_3725853	3725853	3725867	-	4	15	ATG	TGA	0	0	
mORF_-_3725876	3725876	3725917	-	6	42	GTG	TAA	0	0	
mORF_-_3725940	3725940	3727394	-	4	1455	ATG	TAA	4	11	pORF_-_3725940
mORF_-_3725948	3725948	3726022	-	6	75	ATG	TAA	0	0	
mORF_-_3726041	3726041	3726217	-	6	177	TTG	TAG	0	0	
mORF_-_3726218	3726218	3726328	-	6	111	ATG	TGA	0	0	
mORF_-_3726338	3726338	3726433	-	6	96	ATG	TGA	0	0	
mORF_-_3726370	3726370	3726414	-	5	45	TTG	TAA	0	0	
mORF_-_3726433	3726433	3726564	-	5	132	TTG	TGA	0	0	
mORF_-_3726455	3726455	3726469	-	6	15	ATG	TAA	0	0	
mORF_-_3726482	3726482	3726517	-	6	36	GTG	TAA	0	0	
mORF_-_3726533	3726533	3726559	-	6	27	ATG	TAA	0	0	
mORF_-_3726593	3726593	3726904	-	6	312	TTG	TAA	0	0	
mORF_-_3726661	3726661	3726738	-	5	78	GTG	TGA	0	0	
mORF_-_3726805	3726805	3726822	-	5	18	TTG	TGA	0	0	
mORF_-_3726847	3726847	3726870	-	5	24	GTG	TGA	0	0	
mORF_-_3726914	3726914	3726982	-	6	69	ATG	TGA	0	0	
mORF_-_3726979	3726979	3726996	-	5	18	ATG	TGA	0	0	
mORF_-_3727003	3727003	3727110	-	5	108	GTG	TAA	0	0	
mORF_-_3727043	3727043	3727177	-	6	135	TTG	TGA	0	0	
mORF_-_3727237	3727237	3727254	-	5	18	GTG	TGA	0	0	
mORF_-_3727301	3727301	3727333	-	6	33	GTG	TGA	0	0	
mORF_-_3727330	3727330	3727446	-	5	117	TTG	TGA	0	0	
mORF_-_3727358	3727358	3727375	-	6	18	TTG	TAA	0	0	
mORF_-_3727379	3727379	3727456	-	6	78	GTG	TAG	0	0	
mORF_-_3727466	3727466	3728800	-	6	1335	ATG	TAA	1	2	pORF_-_3727466
mORF_-_3727489	3727489	3727557	-	5	69	ATG	TAA	0	0	
mORF_-_3727591	3727591	3727668	-	5	78	TTG	TGA	0	0	
mORF_-_3727669	3727669	3727683	-	5	15	TTG	TGA	0	0	
mORF_-_3727687	3727687	3727773	-	5	87	ATG	TGA	0	0	
mORF_-_3727780	3727780	3727821	-	5	42	ATG	TGA	0	0	
mORF_-_3727825	3727825	3727929	-	5	105	TTG	TGA	0	0	
mORF_-_3727939	3727939	3727989	-	5	51	TTG	TAG	0	0	
mORF_-_3727993	3727993	3728019	-	5	27	TTG	TGA	0	0	
mORF_-_3728026	3728026	3728172	-	5	147	GTG	TGA	0	0	
mORF_-_3728194	3728194	3728331	-	5	138	GTG	TAA	0	0	
mORF_-_3728214	3728214	3728228	-	4	15	GTG	TGA	0	0	
mORF_-_3728307	3728307	3728375	-	4	69	GTG	TGA	0	0	
mORF_-_3728383	3728383	3728433	-	5	51	TTG	TGA	0	0	
mORF_-_3728452	3728452	3728658	-	5	207	TTG	TAA	0	0	
mORF_-_3728466	3728466	3728495	-	4	30	TTG	TGA	0	0	
mORF_-_3728568	3728568	3728585	-	4	18	GTG	TGA	0	0	
mORF_-_3728722	3728722	3728775	-	5	54	TTG	TAG	0	0	
mORF_-_3728803	3728803	3728847	-	5	45	GTG	TGA	0	0	
mORF_-_3728854	3728854	3728865	-	5	12	TTG	TGA	0	0	
mORF_-_3728871	3728871	3729008	-	4	138	ATG	TAA	0	0	
mORF_-_3728876	3728876	3728881	-	6	6	GTG	TGA	0	0	
mORF_-_3728884	3728884	3729027	-	5	144	TTG	TAG	0	0	
mORF_-_3728897	3728897	3728920	-	6	24	TTG	TGA	0	0	
mORF_-_3729147	3729147	3729413	-	4	267	ATG	TAG	0	0	
mORF_-_3729176	3729176	3729193	-	6	18	GTG	TGA	0	0	
mORF_-_3729190	3729190	3729363	-	5	174	TTG	TGA	0	0	
mORF_-_3729200	3729200	3729217	-	6	18	GTG	TAA	0	0	
mORF_-_3729230	3729230	3729361	-	6	132	GTG	TGA	0	0	
mORF_-_3729429	3729429	3729473	-	4	45	ATG	TGA	0	0	
mORF_-_3729436	3729436	3729465	-	5	30	TTG	TAA	0	0	
mORF_-_3729481	3729481	3729657	-	5	177	TTG	TAA	0	0	

mORF_-_3729500	3729500	3729565	-	6	66	TTG	TAA	0	0
mORF_-_3729597	3729597	3729638	-	4	42	TTG	TAA	0	0
mORF_-_3729667	3729667	3729714	-	5	48	TTG	TAA	0	0
mORF_-_3729675	3729675	3729818	-	4	144	GTG	TAA	0	0
mORF_-_3729695	3729695	3729745	-	6	51	ATG	TAA	0	0
mORF_-_3729752	3729752	3729874	-	6	123	TTG	TAA	0	0
mORF_-_3729834	3729834	3730001	-	4	168	TTG	TGA	0	0
mORF_-_3729841	3729841	3729852	-	5	12	TTG	TAA	0	0
mORF_-_3729859	3729859	3730128	-	5	270	GTG	TGA	0	0
mORF_-_3729953	3729953	3730072	-	6	120	GTG	TAA	0	0
mORF_-_3730005	3730005	3730130	-	4	126	TTG	TGA	0	0
mORF_-_3730112	3730112	3730189	-	6	78	ATG	TAA	0	0
mORF_-_3730229	3730229	3730258	-	6	30	TTG	TAA	0	0
mORF_-_3730252	3730252	3730356	-	5	105	TTG	TAA	0	0
mORF_-_3730353	3730353	3730553	-	4	201	GTG	TGA	0	0
mORF_-_3730442	3730442	3730480	-	6	39	ATG	TGA	0	0
mORF_-_3730484	3730484	3730561	-	6	78	ATG	TGA	0	0
mORF_-_3730561	3730561	3730608	-	5	48	GTG	TAA	0	0
mORF_-_3730592	3730592	3730687	-	6	96	TTG	TGA	0	0
mORF_-_3730612	3730612	3730692	-	5	81	GTG	TGA	0	0
mORF_-_3730650	3730650	3730670	-	4	21	TTG	TAA	0	0
mORF_-_3730693	3730693	3730740	-	5	48	ATG	TAA	0	0
mORF_-_3730785	3730785	3730883	-	4	99	GTG	TAG	0	0
mORF_-_3730811	3730811	3730933	-	6	123	ATG	TAA	0	0
mORF_-_3730950	3730950	3730979	-	4	30	ATG	TAA	0	0
mORF_-_3730961	3730961	3730984	-	6	24	GTG	TAA	0	0
mORF_-_3730966	3730966	3731022	-	5	57	ATG	TAG	0	0
mORF_-_3730998	3730998	3731369	-	4	372	TTG	TAA	0	0
mORF_-_3731039	3731039	3731134	-	6	96	ATG	TGA	0	0
mORF_-_3731180	3731180	3731194	-	6	15	TTG	TAA	0	0
mORF_-_3731216	3731216	3731452	-	6	237	TTG	TGA	0	0
mORF_-_3731305	3731305	3731319	-	5	15	GTG	TAA	0	0
mORF_-_3731341	3731341	3731388	-	5	48	TTG	TAA	0	0
mORF_-_3731385	3731385	3731459	-	4	75	TTG	TGA	0	0
mORF_-_3731453	3731453	3731521	-	6	69	GTG	TGA	0	0
mORF_-_3731555	3731555	3731680	-	6	126	TTG	TAG	0	0
mORF_-_3731562	3731562	3731573	-	4	12	TTG	TAA	0	0
mORF_-_3731616	3731616	3731660	-	4	45	ATG	TAA	0	0
mORF_-_3731635	3731635	3731727	-	5	93	ATG	TAA	0	0
mORF_-_3731670	3731670	3731882	-	4	213	GTG	TAG	0	0
mORF_-_3731741	3731741	3731815	-	6	75	GTG	TGA	0	0
mORF_-_3731849	3731849	3731857	-	6	9	TTG	TGA	0	0
mORF_-_3731892	3731892	3732236	-	4	345	GTG	TAG	0	0
mORF_-_3731972	3731972	3732073	-	6	102	GTG	TGA	0	0
mORF_-_3732080	3732080	3732157	-	6	78	ATG	TGA	0	0
mORF_-_3732164	3732164	3732187	-	6	24	ATG	TGA	0	0
mORF_-_3732209	3732209	3732253	-	6	45	GTG	TGA	0	0
mORF_-_3732250	3732250	3732264	-	5	15	TTG	TGA	0	0
mORF_-_3732267	3732267	3732296	-	4	30	ATG	TAG	0	0
mORF_-_3732310	3732310	3732333	-	5	24	TTG	TAA	0	0
mORF_-_3732354	3732354	3732422	-	4	69	ATG	TGA	0	0
mORF_-_3732419	3732419	3732436	-	6	18	TTG	TGA	0	0
mORF_-_3732453	3732453	3732545	-	4	93	ATG	TAA	0	0
mORF_-_3732512	3732512	3732577	-	6	66	GTG	TAA	0	0
mORF_-_3732546	3732546	3732911	-	4	366	TTG	TAA	0	0
mORF_-_3732662	3732662	3732796	-	6	135	ATG	TAA	0	0
mORF_-_3732800	3732800	3732811	-	6	12	GTG	TGA	0	0
mORF_-_3732808	3732808	3732945	-	5	138	TTG	TGA	0	0
mORF_-_3732863	3732863	3732907	-	6	45	TTG	TAA	0	0
mORF_-_3732942	3732942	3733019	-	4	78	GTG	TGA	0	0
mORF_-_3732952	3732952	3732981	-	5	30	ATG	TAA	0	0
mORF_-_3732959	3732959	3733003	-	6	45	ATG	TAA	0	0
mORF_-_3733016	3733016	3733045	-	6	30	TTG	TGA	0	0

mORF_-_3733024	3733024	3733029	-	5	6	ATG	TGA	0	0
mORF_-_3733036	3733036	3733101	-	5	66	GTG	TGA	0	0
mORF_-_3733052	3733052	3733240	-	6	189	ATG	TAG	0	0
mORF_-_3733098	3733098	3733103	-	4	6	TTG	TGA	0	0
mORF_-_3733167	3733167	3733340	-	4	174	ATG	TAA	0	0
mORF_-_3733180	3733180	3733332	-	5	153	ATG	TGA	0	0
mORF_-_3733292	3733292	3733303	-	6	12	GTG	TAA	0	0
mORF_-_3733357	3733357	3733548	-	5	192	GTG	TAA	0	0
mORF_-_3733373	3733373	3733411	-	6	39	GTG	TAA	0	0
mORF_-_3733472	3733472	3733654	-	6	183	ATG	TGA	0	0
mORF_-_3733479	3733479	3733514	-	4	36	TTG	TAA	0	0
mORF_-_3733533	3733533	3733538	-	4	6	TTG	TAG	0	0
mORF_-_3733542	3733542	3733613	-	4	72	ATG	TAG	0	0
mORF_-_3733570	3733570	3733803	-	5	234	GTG	TAA	0	0
mORF_-_3733614	3733614	3733619	-	4	6	ATG	TAG	0	0
mORF_-_3733638	3733638	3733754	-	4	117	ATG	TAA	0	0
mORF_-_3733733	3733733	3733816	-	6	84	ATG	TGA	0	0
mORF_-_3733813	3733813	3733830	-	5	18	TTG	TGA	0	0
mORF_-_3733827	3733827	3734006	-	4	180	ATG	TGA	0	0
mORF_-_3733865	3733865	3733873	-	6	9	ATG	TGA	0	0
mORF_-_3733877	3733877	3733882	-	6	6	ATG	TAA	0	0
mORF_-_3733916	3733916	3733999	-	6	84	ATG	TGA	0	0
mORF_-_3733966	3733966	3734046	-	5	81	TTG	TAA	0	0
mORF_-_3734003	3734003	3734062	-	6	60	TTG	TGA	0	0
mORF_-_3734043	3734043	3734099	-	4	57	TTG	TGA	0	0
mORF_-_3734059	3734059	3734091	-	5	33	ATG	TGA	0	0
mORF_-_3734105	3734105	3734173	-	6	69	ATG	TAG	0	0
mORF_-_3734116	3734116	3734142	-	5	27	TTG	TAA	0	0
mORF_-_3734170	3734170	3734205	-	5	36	GTG	TGA	0	0
mORF_-_3734202	3734202	3734207	-	4	6	ATG	TGA	0	0
mORF_-_3734257	3734257	3734310	-	5	54	TTG	TAG	0	0
mORF_-_3734294	3734294	3734365	-	6	72	TTG	TGA	0	0
mORF_-_3734307	3734307	3734375	-	4	69	TTG	TGA	0	0
mORF_-_3734335	3734335	3734349	-	5	15	TTG	TAA	0	0
mORF_-_3734376	3734376	3735200	-	4	825	ATG	TAA	0	0
mORF_-_3734492	3734492	3734524	-	6	33	GTG	TGA	0	0
mORF_-_3734561	3734561	3734575	-	6	15	ATG	TGA	0	0
mORF_-_3734621	3734621	3734638	-	6	18	ATG	TGA	0	0
mORF_-_3734626	3734626	3734712	-	5	87	TTG	TAA	0	0
mORF_-_3734762	3734762	3734773	-	6	12	TTG	TAG	0	0
mORF_-_3734770	3734770	3734787	-	5	18	GTG	TGA	0	0
mORF_-_3734803	3734803	3734814	-	5	12	GTG	TAA	0	0
mORF_-_3734843	3734843	3734926	-	6	84	ATG	TGA	0	0
mORF_-_3734857	3734857	3734871	-	5	15	ATG	TGA	0	0
mORF_-_3734948	3734948	3735028	-	6	81	GTG	TAA	0	0
mORF_-_3735122	3735122	3735133	-	6	12	GTG	TAG	0	0
mORF_-_3735164	3735164	3735175	-	6	12	ATG	TGA	0	0
mORF_-_3735200	3735200	3735226	-	6	27	ATG	TGA	0	0
mORF_-_3735219	3735219	3735248	-	4	30	GTG	TAA	0	0
mORF_-_3735223	3735223	3735270	-	5	48	TTG	TGA	0	0
mORF_-_3735245	3735245	3735250	-	6	6	TTG	TGA	0	0
mORF_-_3735267	3735267	3735299	-	4	33	GTG	TGA	0	0
mORF_-_3735272	3735272	3735280	-	6	9	TTG	TGA	0	0
mORF_-_3735290	3735290	3735316	-	6	27	TTG	TGA	0	0
mORF_-_3735325	3735325	3735333	-	5	9	GTG	TAG	0	0
mORF_-_3735345	3735345	3735419	-	4	75	GTG	TGA	0	0
mORF_-_3735379	3735379	3735387	-	5	9	TTG	TAA	0	0
mORF_-_3735391	3735391	3735432	-	5	42	ATG	TGA	0	0
mORF_-_3735442	3735442	3735483	-	5	42	TTG	TAA	0	0
mORF_-_3735449	3735449	3735547	-	6	99	GTG	TGA	0	0
mORF_-_3735471	3735471	3735719	-	4	249	TTG	TAA	0	0
mORF_-_3735511	3735511	3735636	-	5	126	GTG	TGA	0	0
mORF_-_3735602	3735602	3735625	-	6	24	ATG	TAA	0	0

mORF_-_3735629	3735629	3735664	-	6	36	GTG	TGA	0	0
mORF_-_3735670	3735670	3735798	-	5	129	TTG	TAG	0	0
mORF_-_3735720	3735720	3735752	-	4	33	GTG	TGA	0	0
mORF_-_3735759	3735759	3735926	-	4	168	GTG	TGA	0	0
mORF_-_3735773	3735773	3735865	-	6	93	TTG	TGA	0	0
mORF_-_3735898	3735898	3735993	-	5	96	TTG	TAA	0	0
mORF_-_3735917	3735917	3736060	-	6	144	ATG	TGA	0	0
mORF_-_3735990	3735990	3736088	-	4	99	GTG	TGA	0	0
mORF_-_3736000	3736000	3736005	-	5	6	TTG	TAA	0	0
mORF_-_3736027	3736027	3736191	-	5	165	GTG	TAA	0	0
mORF_-_3736155	3736155	3736184	-	4	30	GTG	TGA	0	0
mORF_-_3736188	3736188	3736220	-	4	33	TTG	TGA	0	0
mORF_-_3736247	3736247	3736420	-	6	174	GTG	TAA	0	0
mORF_-_3736255	3736255	3736338	-	5	84	GTG	TAA	0	0
mORF_-_3736344	3736344	3736385	-	4	42	TTG	TAA	0	0
mORF_-_3736396	3736396	3736464	-	5	69	GTG	TAG	0	0
mORF_-_3736422	3736422	3736466	-	4	45	GTG	TGA	0	0
mORF_-_3736470	3736470	3736478	-	4	9	GTG	TAG	0	0
mORF_-_3736513	3736513	3736596	-	5	84	ATG	TAA	0	0
mORF_-_3736608	3736608	3736628	-	4	21	TTG	TAA	0	0
mORF_-_3736683	3736683	3736742	-	4	60	TTG	TAA	0	0
mORF_-_3736739	3736739	3736753	-	6	15	TTG	TGA	0	0
mORF_-_3736750	3736750	3736803	-	5	54	GTG	TGA	0	0
mORF_-_3736779	3736779	3736814	-	4	36	ATG	TAG	0	0
mORF_-_3736840	3736840	3736848	-	5	9	GTG	TAA	0	0
mORF_-_3736852	3736852	3736935	-	5	84	TTG	TAA	0	0
mORF_-_3736872	3736872	3737006	-	4	135	TTG	TAG	0	0
mORF_-_3736979	3736979	3736996	-	6	18	ATG	TAG	0	0
mORF_-_3736996	3736996	3737211	-	5	216	ATG	TAA	0	0
mORF_-_3737061	3737061	3737090	-	4	30	TTG	TAG	0	0
mORF_-_3737100	3737100	3737186	-	4	87	TTG	TGA	0	0
mORF_-_3737196	3737196	3737243	-	4	48	TTG	TAG	0	0
mORF_-_3737263	3737263	3737544	-	5	282	TTG	TAA	0	0
mORF_-_3737289	3737289	3737459	-	4	171	TTG	TAA	0	0
mORF_-_3737321	3737321	3737350	-	6	30	GTG	TAG	0	0
mORF_-_3737417	3737417	3737638	-	6	222	GTG	TGA	0	0
mORF_-_3737613	3737613	3737645	-	4	33	GTG	TAG	0	0
mORF_-_3737617	3737617	3737766	-	5	150	GTG	TGA	0	0
mORF_-_3737649	3737649	3737813	-	4	165	GTG	TGA	0	0
mORF_-_3737726	3737726	3737734	-	6	9	ATG	TAG	0	0
mORF_-_3737825	3737825	3737947	-	6	123	GTG	TAA	0	0
mORF_-_3737871	3737871	3737912	-	4	42	TTG	TAG	0	0
mORF_-_3737934	3737934	3737969	-	4	36	GTG	TAG	0	0
mORF_-_3737966	3737966	3738037	-	6	72	TTG	TGA	0	0
mORF_-_3738060	3738060	3738140	-	4	81	ATG	TAG	0	0
mORF_-_3738064	3738064	3738360	-	5	297	GTG	TAA	0	0
mORF_-_3738104	3738104	3738130	-	6	27	GTG	TGA	0	0
mORF_-_3738144	3738144	3738308	-	4	165	TTG	TAG	0	0
mORF_-_3738221	3738221	3738301	-	6	81	TTG	TAA	0	0
mORF_-_3738354	3738354	3738365	-	4	12	ATG	TGA	0	0
mORF_-_3738387	3738387	3738647	-	4	261	TTG	TAA	0	0
mORF_-_3738557	3738557	3738568	-	6	12	GTG	TGA	0	0
mORF_-_3738669	3738669	3738689	-	4	21	ATG	TGA	0	0
mORF_-_3738700	3738700	3738726	-	5	27	ATG	TAA	0	0
mORF_-_3738723	3738723	3738785	-	4	63	TTG	TGA	0	0
mORF_-_3738754	3738754	3738978	-	5	225	GTG	TAG	0	0
mORF_-_3738776	3738776	3739186	-	6	411	GTG	TAA	0	0
mORF_-_3738795	3738795	3738839	-	4	45	TTG	TGA	0	0
mORF_-_3738879	3738879	3738893	-	4	15	ATG	TGA	0	0
mORF_-_3738978	3738978	3739370	-	4	393	ATG	TAG	0	0
mORF_-_3739012	3739012	3739017	-	5	6	ATG	TAG	0	0
mORF_-_3739069	3739069	3739092	-	5	24	TTG	TAA	0	0
mORF_-_3739132	3739132	3739611	-	5	480	GTG	TGA	0	0

mORF_-_3739211	3739211	3739255	-	6	45	GTG	TGA	0	0	
mORF_-_3739256	3739256	3739312	-	6	57	TTG	TAA	0	0	
mORF_-_3739328	3739328	3739342	-	6	15	TTG	TAA	0	0	
mORF_-_3739380	3739380	3739424	-	4	45	GTG	TAA	0	0	
mORF_-_3739388	3739388	3739411	-	6	24	GTG	TGA	0	0	
mORF_-_3739421	3739421	3739426	-	6	6	GTG	TGA	0	0	
mORF_-_3739437	3739437	3739589	-	4	153	TTG	TAG	0	0	
mORF_-_3739463	3739463	3739513	-	6	51	TTG	TAA	0	0	
mORF_-_3739523	3739523	3739543	-	6	21	TTG	TGA	0	0	
mORF_-_3739550	3739550	3739621	-	6	72	GTG	TGA	0	0	
mORF_-_3739621	3739621	3739668	-	5	48	TTG	TAG	0	0	
mORF_-_3739652	3739652	3739777	-	6	126	GTG	TAG	0	0	
mORF_-_3739680	3739680	3739694	-	4	15	GTG	TAA	0	0	
mORF_-_3739707	3739707	3740555	-	4	849	ATG	TAA	4	9	pORF_-_3739707
mORF_-_3739814	3739814	3739942	-	6	129	GTG	TGA	0	0	
mORF_-_3739997	3739997	3740014	-	6	18	ATG	TAA	0	0	
mORF_-_3740039	3740039	3740122	-	6	84	GTG	TGA	0	0	
mORF_-_3740162	3740162	3740209	-	6	48	GTG	TGA	0	0	
mORF_-_3740222	3740222	3740233	-	6	12	TTG	TGA	0	0	
mORF_-_3740261	3740261	3740293	-	6	33	TTG	TGA	0	0	
mORF_-_3740339	3740339	3740344	-	6	6	ATG	TGA	0	0	
mORF_-_3740389	3740389	3740430	-	5	42	TTG	TAA	0	0	
mORF_-_3740447	3740447	3740458	-	6	12	TTG	TGA	0	0	
mORF_-_3740455	3740455	3740598	-	5	144	GTG	TGA	0	0	
mORF_-_3740540	3740540	3740581	-	6	42	TTG	TGA	0	0	
mORF_-_3740595	3740595	3740654	-	4	60	TTG	TGA	0	0	
mORF_-_3740668	3740668	3740706	-	5	39	ATG	TAA	0	0	
mORF_-_3740716	3740716	3740865	-	5	150	GTG	TAA	0	0	
mORF_-_3740733	3740733	3740768	-	4	36	ATG	TGA	0	0	
mORF_-_3740790	3740790	3740810	-	4	21	GTG	TAA	0	0	
mORF_-_3740807	3740807	3741067	-	6	261	GTG	TGA	0	0	
mORF_-_3740884	3740884	3740913	-	5	30	ATG	TGA	0	0	
mORF_-_3740914	3740914	3741048	-	5	135	ATG	TGA	0	0	
mORF_-_3740937	3740937	3741203	-	4	267	TTG	TGA	0	0	
mORF_-_3741064	3741064	3741099	-	5	36	TTG	TGA	0	0	
mORF_-_3741086	3741086	3741103	-	6	18	GTG	TAG	0	0	
mORF_-_3741148	3741148	3741264	-	5	117	ATG	TAG	0	0	
mORF_-_3741292	3741292	3741300	-	5	9	ATG	TAA	0	0	
mORF_-_3741328	3741328	3741408	-	5	81	ATG	TGA	0	0	
mORF_-_3741421	3741421	3741609	-	5	189	ATG	TAG	0	0	
mORF_-_3741465	3741465	3741488	-	4	24	ATG	TAG	0	0	
mORF_-_3741501	3741501	3741536	-	4	36	GTG	TGA	0	0	
mORF_-_3741533	3741533	3741601	-	6	69	TTG	TGA	0	0	
mORF_-_3741646	3741646	3741909	-	5	264	TTG	TGA	0	0	
mORF_-_3741659	3741659	3741670	-	6	12	ATG	TAA	0	0	
mORF_-_3741711	3741711	3741893	-	4	183	TTG	TGA	0	0	
mORF_-_3741900	3741900	3741926	-	4	27	GTG	TAA	0	0	
mORF_-_3741911	3741911	3741928	-	6	18	GTG	TAA	0	0	
mORF_-_3741919	3741919	3741960	-	5	42	ATG	TAA	0	0	
mORF_-_3741978	3741978	3742067	-	4	90	TTG	TGA	0	0	
mORF_-_3742040	3742040	3742051	-	6	12	GTG	TGA	0	0	
mORF_-_3742054	3742054	3742095	-	5	42	ATG	TAA	0	0	
mORF_-_3742070	3742070	3742102	-	6	33	ATG	TAA	0	0	
mORF_-_3742099	3742099	3742176	-	5	78	TTG	TGA	0	0	
mORF_-_3742103	3742103	3742132	-	6	30	TTG	TAA	0	0	
mORF_-_3742205	3742205	3742216	-	6	12	ATG	TAA	0	0	
mORF_-_3742282	3742282	3742308	-	5	27	GTG	TAG	0	0	
mORF_-_3742287	3742287	3742310	-	4	24	ATG	TAA	0	0	
mORF_-_3742295	3742295	3742333	-	6	39	ATG	TGA	0	0	
mORF_-_3742321	3742321	3742341	-	5	21	TTG	TAA	0	0	
mORF_-_3742338	3742338	3742421	-	4	84	ATG	TGA	0	0	
mORF_-_3742349	3742349	3742372	-	6	24	TTG	TAG	0	0	
mORF_-_3742421	3742421	3742474	-	6	54	GTG	TAA	0	0	

mORF_-_3742440	3742440	3742451	-	4	12	ATG	TGA	0	0
mORF_-_3742492	3742492	3742605	-	5	114	ATG	TAA	0	0
mORF_-_3742539	3742539	3742547	-	4	9	GTG	TGA	0	0
mORF_-_3742544	3742544	3742576	-	6	33	ATG	TGA	0	0
mORF_-_3742619	3742619	3742684	-	6	66	GTG	TAA	0	0
mORF_-_3742677	3742677	3742733	-	4	57	GTG	TAA	0	0
mORF_-_3742696	3742696	3742767	-	5	72	ATG	TAA	0	0
mORF_-_3742742	3742742	3742750	-	6	9	ATG	TAA	0	0
mORF_-_3742768	3742768	3742776	-	5	9	TTG	TAA	0	0
mORF_-_3742773	3742773	3742793	-	4	21	TTG	TGA	0	0
mORF_-_3742781	3742781	3743059	-	6	279	ATG	TGA	0	0
mORF_-_3742798	3742798	3742815	-	5	18	TTG	TAG	0	0
mORF_-_3742882	3742882	3742896	-	5	15	GTG	TAG	0	0
mORF_-_3742917	3742917	3742961	-	4	45	TTG	TAA	0	0
mORF_-_3742951	3742951	3742959	-	5	9	GTG	TGA	0	0
mORF_-_3743029	3743029	3743052	-	5	24	TTG	TGA	0	0
mORF_-_3743049	3743049	3743090	-	4	42	ATG	TGA	0	0
mORF_-_3743108	3743108	3743215	-	6	108	TTG	TAG	0	0
mORF_-_3743216	3743216	3743503	-	6	288	ATG	TAG	0	0
mORF_-_3743260	3743260	3743271	-	5	12	TTG	TAA	0	0
mORF_-_3743338	3743338	3743376	-	5	39	TTG	TAA	0	0
mORF_-_3743413	3743413	3743439	-	5	27	TTG	TAA	0	0
mORF_-_3743418	3743418	3743624	-	4	207	ATG	TAA	0	0
mORF_-_3743564	3743564	3743584	-	6	21	GTG	TAG	0	0
mORF_-_3743587	3743587	3743616	-	5	30	GTG	TAA	0	0
mORF_-_3743591	3743591	3743815	-	6	225	ATG	TAA	0	0
mORF_-_3743652	3743652	3743684	-	4	33	TTG	TGA	0	0
mORF_-_3743659	3743659	3743682	-	5	24	GTG	TAA	0	0
mORF_-_3743701	3743701	3743760	-	5	60	GTG	TAA	0	0
mORF_-_3743736	3743736	3743744	-	4	9	TTG	TAA	0	0
mORF_-_3743891	3743891	3743989	-	6	99	TTG	TAA	0	0
mORF_-_3743914	3743914	3743925	-	5	12	TTG	TAA	0	0
mORF_-_3743935	3743935	3743940	-	5	6	GTG	TAA	0	0
mORF_-_3743965	3743965	3743982	-	5	18	TTG	TAA	0	0
mORF_-_3744004	3744004	3744042	-	5	39	ATG	TGA	0	0
mORF_-_3744020	3744020	3744079	-	6	60	ATG	TAA	0	0
mORF_-_3744115	3744115	3744144	-	5	30	ATG	TAA	0	0
mORF_-_3744137	3744137	3744175	-	6	39	GTG	TAG	0	0
mORF_-_3744144	3744144	3744194	-	4	51	TTG	TAA	0	0
mORF_-_3744148	3744148	3744168	-	5	21	ATG	TGA	0	0
mORF_-_3744169	3744169	3744222	-	5	54	GTG	TGA	0	0
mORF_-_3744209	3744209	3744367	-	6	159	ATG	TAA	0	0
mORF_-_3744219	3744219	3744239	-	4	21	ATG	TGA	0	0
mORF_-_3744343	3744343	3744510	-	5	168	GTG	TGA	0	0
mORF_-_3744408	3744408	3744467	-	4	60	ATG	TGA	0	0
mORF_-_3744458	3744458	3744484	-	6	27	TTG	TGA	0	0
mORF_-_3744507	3744507	3744743	-	4	237	GTG	TGA	0	0
mORF_-_3744539	3744539	3744658	-	6	120	TTG	TAG	0	0
mORF_-_3744565	3744565	3744582	-	5	18	GTG	TGA	0	0
mORF_-_3744586	3744586	3744654	-	5	69	ATG	TAA	0	0
mORF_-_3744701	3744701	3744724	-	6	24	GTG	TAG	0	0
mORF_-_3744734	3744734	3744751	-	6	18	TTG	TGA	0	0
mORF_-_3744748	3744748	3744768	-	5	21	TTG	TGA	0	0
mORF_-_3744762	3744762	3744809	-	4	48	GTG	TGA	0	0
mORF_-_3744812	3744812	3744841	-	6	30	TTG	TAG	0	0
mORF_-_3744835	3744835	3744897	-	5	63	GTG	TGA	0	0
mORF_-_3744888	3744888	3745115	-	4	228	TTG	TGA	0	0
mORF_-_3744914	3744914	3744922	-	6	9	TTG	TGA	0	0
mORF_-_3744938	3744938	3745003	-	6	66	TTG	TGA	0	0
mORF_-_3745009	3745009	3745020	-	5	12	GTG	TAA	0	0
mORF_-_3745028	3745028	3745282	-	6	255	ATG	TGA	0	0
mORF_-_3745048	3745048	3745215	-	5	168	ATG	TAA	0	0
mORF_-_3745215	3745215	3745508	-	4	294	ATG	TAA	0	0

mORF_-_3745298	3745298	3745459	-	6	162	ATG	TGA	0	0	
mORF_-_3745309	3745309	3745347	-	5	39	GTG	TAA	0	0	
mORF_-_3745521	3745521	3745586	-	4	66	GTG	TAA	0	0	
mORF_-_3745589	3745589	3745651	-	6	63	TTG	TAG	0	0	
mORF_-_3745605	3745605	3745724	-	4	120	GTG	TAA	0	0	
mORF_-_3745655	3745655	3745720	-	6	66	TTG	TAG	0	0	
mORF_-_3745721	3745721	3745771	-	6	51	GTG	TGA	0	0	
mORF_-_3745768	3745768	3745851	-	5	84	GTG	TGA	0	0	
mORF_-_3745775	3745775	3745921	-	6	147	ATG	TGA	0	0	
mORF_-_3745932	3745932	3746291	-	4	360	GTG	TAA	0	0	
mORF_-_3745997	3745997	3746077	-	6	81	TTG	TGA	0	0	
mORF_-_3746038	3746038	3746046	-	5	9	GTG	TAA	0	0	
mORF_-_3746078	3746078	3746146	-	6	69	TTG	TGA	0	0	
mORF_-_3746174	3746174	3746191	-	6	18	ATG	TAG	0	0	
mORF_-_3746192	3746192	3746221	-	6	30	ATG	TGA	0	0	
mORF_-_3746222	3746222	3746260	-	6	39	TTG	TAG	0	0	
mORF_-_3746288	3746288	3746431	-	6	144	GTG	TGA	0	0	
mORF_-_3746295	3746295	3746594	-	4	300	GTG	TAG	0	0	
mORF_-_3746441	3746441	3746488	-	6	48	GTG	TGA	0	0	
mORF_-_3746543	3746543	3746554	-	6	12	ATG	TGA	0	0	
mORF_-_3746551	3746551	3746562	-	5	12	GTG	TGA	0	0	
mORF_-_3746573	3746573	3746635	-	6	63	GTG	TGA	0	0	
mORF_-_3746584	3746584	3746859	-	5	276	ATG	TAA	0	0	
mORF_-_3746598	3746598	3746642	-	4	45	GTG	TAA	0	0	
mORF_-_3746717	3746717	3747037	-	6	321	TTG	TAA	0	0	
mORF_-_3746856	3746856	3747062	-	4	207	GTG	TGA	0	0	
mORF_-_3746926	3746926	3747000	-	5	75	ATG	TGA	0	0	
mORF_-_3747004	3747004	3747483	-	5	480	GTG	TGA	0	0	
mORF_-_3747077	3747077	3747229	-	6	153	TTG	TGA	0	0	
mORF_-_3747162	3747162	3747194	-	4	33	TTG	TAA	0	0	
mORF_-_3747237	3747237	3747266	-	4	30	ATG	TAG	0	0	
mORF_-_3747278	3747278	3747589	-	6	312	ATG	TAA	0	0	
mORF_-_3747390	3747390	3747644	-	4	255	TTG	TGA	0	0	
mORF_-_3747541	3747541	3747693	-	5	153	GTG	TGA	0	0	
mORF_-_3747614	3747614	3747790	-	6	177	GTG	TAA	0	0	
mORF_-_3747690	3747690	3747695	-	4	6	TTG	TGA	0	0	
mORF_-_3747742	3747742	3747780	-	5	39	GTG	TGA	0	0	
mORF_-_3747777	3747777	3747986	-	4	210	ATG	TGA	0	0	
mORF_-_3747794	3747794	3747976	-	6	183	TTG	TAG	0	0	
mORF_-_3747995	3747995	3748039	-	6	45	TTG	TAG	0	0	
mORF_-_3748112	3748112	3748408	-	6	297	GTG	TAA	0	0	
mORF_-_3748162	3748162	3748320	-	5	159	TTG	TGA	0	0	
mORF_-_3748230	3748230	3748424	-	4	195	GTG	TGA	0	0	
mORF_-_3748366	3748366	3748458	-	5	93	GTG	TAG	0	0	
mORF_-_3748421	3748421	3748663	-	6	243	ATG	TGA	0	0	
mORF_-_3748474	3748474	3748494	-	5	21	GTG	TAA	0	0	
mORF_-_3748537	3748537	3748557	-	5	21	ATG	TGA	0	0	
mORF_-_3748554	3748554	3748634	-	4	81	ATG	TGA	0	0	
mORF_-_3748700	3748700	3748825	-	6	126	ATG	TAG	0	0	
mORF_-_3748762	3748762	3748785	-	5	24	TTG	TAG	0	0	
mORF_-_3748792	3748792	3748812	-	5	21	GTG	TAA	0	0	
mORF_-_3748822	3748822	3748875	-	5	54	GTG	TGA	0	0	
mORF_-_3748886	3748886	3749026	-	6	141	TTG	TAA	0	0	
mORF_-_3748933	3748933	3749007	-	5	75	ATG	TAA	0	0	
mORF_-_3748971	3748971	3749111	-	4	141	ATG	TGA	0	0	
mORF_-_3749008	3749008	3749016	-	5	9	ATG	TAA	0	0	
mORF_-_3749035	3749035	3749139	-	5	105	ATG	TGA	0	0	
mORF_-_3749054	3749054	3749086	-	6	33	TTG	TGA	0	0	
mORF_-_3749111	3749111	3749143	-	6	33	GTG	TAA	0	0	
mORF_-_3749151	3749151	3749891	-	4	741	ATG	TAA	1	0	pORF_-_3749151
mORF_-_3749165	3749165	3749203	-	6	39	TTG	TGA	0	0	
mORF_-_3749294	3749294	3749404	-	6	111	ATG	TGA	0	0	
mORF_-_3749494	3749494	3749538	-	5	45	TTG	TAA	0	0	

mORF_-_3749525	3749525	3749632	-	6	108	TTG	TGA	0	0
mORF_-_3749657	3749657	3749680	-	6	24	GTG	TGA	0	0
mORF_-_3749699	3749699	3749737	-	6	39	ATG	TAG	0	0
mORF_-_3749744	3749744	3749872	-	6	129	TTG	TGA	0	0
mORF_-_3749881	3749881	3749934	-	5	54	ATG	TAA	0	0
mORF_-_3749885	3749885	3749962	-	6	78	TTG	TAA	0	0
mORF_-_3749943	3749943	3749969	-	4	27	ATG	TAA	0	0
mORF_-_3749972	3749972	3750241	-	6	270	ATG	TAA	0	0
mORF_-_3749992	3749992	3750021	-	5	30	TTG	TAA	0	0
mORF_-_3750024	3750024	3750029	-	4	6	TTG	TAA	0	0
mORF_-_3750045	3750045	3750089	-	4	45	ATG	TAA	0	0
mORF_-_3750082	3750082	3750114	-	5	33	GTG	TGA	0	0
mORF_-_3750124	3750124	3750153	-	5	30	TTG	TGA	0	0
mORF_-_3750199	3750199	3750204	-	5	6	GTG	TGA	0	0
mORF_-_3750222	3750222	3750290	-	4	69	ATG	TAA	0	0
mORF_-_3750281	3750281	3750313	-	6	33	ATG	TAA	0	0
mORF_-_3750307	3750307	3750324	-	5	18	TTG	TGA	0	0
mORF_-_3750314	3750314	3750331	-	6	18	ATG	TAG	0	0
mORF_-_3750338	3750338	3750409	-	6	72	TTG	TAG	0	0
mORF_-_3750342	3750342	3750353	-	4	12	ATG	TAA	0	0
mORF_-_3750465	3750465	3750968	-	4	504	TTG	TAA	0	0
mORF_-_3750469	3750469	3750486	-	5	18	TTG	TGA	0	0
mORF_-_3750551	3750551	3750571	-	6	21	ATG	TAG	0	0
mORF_-_3750596	3750596	3750655	-	6	60	TTG	TGA	0	0
mORF_-_3750652	3750652	3750741	-	5	90	GTG	TGA	0	0
mORF_-_3750701	3750701	3750718	-	6	18	GTG	TAA	0	0
mORF_-_3750746	3750746	3750805	-	6	60	GTG	TGA	0	0
mORF_-_3750986	3750986	3752122	-	6	1137	ATG	TAA	0	0
mORF_-_3751045	3751045	3751056	-	5	12	ATG	TGA	0	0
mORF_-_3751114	3751114	3751158	-	5	45	ATG	TGA	0	0
mORF_-_3751177	3751177	3751293	-	5	117	ATG	TAA	0	0
mORF_-_3751375	3751375	3751404	-	5	30	ATG	TGA	0	0
mORF_-_3751432	3751432	3751455	-	5	24	GTG	TGA	0	0
mORF_-_3751459	3751459	3751473	-	5	15	TTG	TAG	0	0
mORF_-_3751504	3751504	3751530	-	5	27	GTG	TGA	0	0
mORF_-_3751588	3751588	3751629	-	5	42	ATG	TGA	0	0
mORF_-_3751654	3751654	3751749	-	5	96	ATG	TAA	0	0
mORF_-_3751804	3751804	3751860	-	5	57	GTG	TGA	0	0
mORF_-_3751891	3751891	3751899	-	5	9	TTG	TGA	0	0
mORF_-_3751900	3751900	3751908	-	5	9	GTG	TGA	0	0
mORF_-_3751912	3751912	3751926	-	5	15	TTG	TGA	0	0
mORF_-_3751974	3751974	3752045	-	4	72	ATG	TAA	0	0
mORF_-_3751993	3751993	3752019	-	5	27	GTG	TAA	0	0
mORF_-_3752050	3752050	3752097	-	5	48	ATG	TAA	0	0
mORF_-_3752070	3752070	3752285	-	4	216	ATG	TAA	0	0
mORF_-_3752128	3752128	3752481	-	5	354	TTG	TAA	0	0
mORF_-_3752210	3752210	3752308	-	6	99	TTG	TGA	0	0
mORF_-_3752301	3752301	3752357	-	4	57	TTG	TGA	0	0
mORF_-_3752358	3752358	3752393	-	4	36	ATG	TGA	0	0
mORF_-_3752400	3752400	3752462	-	4	63	TTG	TGA	0	0
mORF_-_3752482	3752482	3752517	-	5	36	TTG	TAA	0	0
mORF_-_3752523	3752523	3752603	-	4	81	ATG	TAA	0	0
mORF_-_3752527	3752527	3752655	-	5	129	ATG	TAA	0	0
mORF_-_3752600	3752600	3752659	-	6	60	GTG	TGA	0	0
mORF_-_3752677	3752677	3752688	-	5	12	TTG	TAA	0	0
mORF_-_3752689	3752689	3752727	-	5	39	TTG	TAA	0	0
mORF_-_3752735	3752735	3752761	-	6	27	ATG	TAA	0	0
mORF_-_3752755	3752755	3752793	-	5	39	GTG	TGA	0	0
mORF_-_3752774	3752774	3752839	-	6	66	GTG	TAA	0	0
mORF_-_3752846	3752846	3752866	-	6	21	TTG	TAA	0	0
mORF_-_3752879	3752879	3752977	-	6	99	TTG	TAA	0	0
mORF_-_3752919	3752919	3752966	-	4	48	TTG	TGA	0	0
mORF_-_3752996	3752996	3754672	-	6	1677	TTG	TGA	24	151

pORF_-_3752996

mORF_-_3753015	3753015	3753155	-	4	141	GTG	TAA	0	0	
mORF_-_3753067	3753067	3753234	-	5	168	ATG	TGA	0	0	
mORF_-_3753286	3753286	3753345	-	5	60	TTG	TGA	0	0	
mORF_-_3753379	3753379	3753450	-	5	72	TTG	TGA	0	0	
mORF_-_3753505	3753505	3753546	-	5	42	GTG	TGA	0	0	
mORF_-_3753528	3753528	3753617	-	4	90	TTG	TAG	0	0	
mORF_-_3753592	3753592	3753687	-	5	96	ATG	TAG	0	0	
mORF_-_3753691	3753691	3753702	-	5	12	TTG	TGA	0	0	
mORF_-_3753739	3753739	3753849	-	5	111	TTG	TGA	0	0	
mORF_-_3753850	3753850	3753867	-	5	18	ATG	TAA	0	0	
mORF_-_3753877	3753877	3753909	-	5	33	TTG	TGA	0	0	
mORF_-_3753900	3753900	3754028	-	4	129	GTG	TGA	0	0	
mORF_-_3753955	3753955	3753966	-	5	12	GTG	TGA	0	0	
mORF_-_3754051	3754051	3754176	-	5	126	GTG	TAG	0	0	
mORF_-_3754095	3754095	3754127	-	4	33	GTG	TGA	0	0	
mORF_-_3754222	3754222	3754278	-	5	57	GTG	TAG	0	0	
mORF_-_3754260	3754260	3754304	-	4	45	ATG	TAA	0	0	
mORF_-_3754305	3754305	3754439	-	4	135	ATG	TAA	0	0	
mORF_-_3754312	3754312	3754329	-	5	18	ATG	TGA	0	0	
mORF_-_3754432	3754432	3754461	-	5	30	ATG	TAG	0	0	
mORF_-_3754471	3754471	3754491	-	5	21	ATG	TAA	0	0	
mORF_-_3754524	3754524	3754565	-	4	42	TTG	TAA	0	0	
mORF_-_3754621	3754621	3754638	-	5	18	TTG	TGA	0	0	
mORF_-_3754629	3754629	3754772	-	4	144	ATG	TAA	0	0	
mORF_-_3754699	3754699	3755850	-	5	1152	ATG	TAA	2	0	pORF_-_3754699
mORF_-_3754776	3754776	3754784	-	4	9	ATG	TGA	0	0	
mORF_-_3754821	3754821	3754895	-	4	75	GTG	TGA	0	0	
mORF_-_3754923	3754923	3755159	-	4	237	TTG	TGA	0	0	
mORF_-_3755009	3755009	3755014	-	6	6	ATG	TAA	0	0	
mORF_-_3755156	3755156	3755209	-	6	54	TTG	TGA	0	0	
mORF_-_3755163	3755163	3755183	-	4	21	TTG	TAG	0	0	
mORF_-_3755199	3755199	3755243	-	4	45	ATG	TGA	0	0	
mORF_-_3755262	3755262	3755270	-	4	9	ATG	TAA	0	0	
mORF_-_3755289	3755289	3755309	-	4	21	TTG	TGA	0	0	
mORF_-_3755313	3755313	3755363	-	4	51	TTG	TGA	0	0	
mORF_-_3755451	3755451	3755561	-	4	111	GTG	TGA	0	0	
mORF_-_3755579	3755579	3755587	-	6	9	TTG	TAG	0	0	
mORF_-_3755607	3755607	3755702	-	4	96	ATG	TGA	0	0	
mORF_-_3755724	3755724	3755744	-	4	21	TTG	TAA	0	0	
mORF_-_3755745	3755745	3755765	-	4	21	ATG	TAA	0	0	
mORF_-_3755781	3755781	3755789	-	4	9	ATG	TGA	0	0	
mORF_-_3755793	3755793	3755816	-	4	24	ATG	TGA	0	0	
mORF_-_3755801	3755801	3755857	-	6	57	GTG	TGA	0	0	
mORF_-_3755817	3755817	3755903	-	4	87	ATG	TGA	0	0	
mORF_-_3755900	3755900	3755974	-	6	75	TTG	TGA	0	0	
mORF_-_3755938	3755938	3755994	-	5	57	ATG	TAA	0	0	
mORF_-_3756024	3756024	3756116	-	4	93	TTG	TAA	0	0	
mORF_-_3756040	3756040	3757884	-	5	1845	ATG	TAA	27	186	pORF_-_3756040
mORF_-_3756113	3756113	3756196	-	6	84	GTG	TGA	0	0	
mORF_-_3756156	3756156	3756194	-	4	39	GTG	TAG	0	0	
mORF_-_3756216	3756216	3756236	-	4	21	TTG	TGA	0	0	
mORF_-_3756309	3756309	3756500	-	4	192	TTG	TGA	0	0	
mORF_-_3756353	3756353	3756367	-	6	15	GTG	TGA	0	0	
mORF_-_3756501	3756501	3756593	-	4	93	ATG	TGA	0	0	
mORF_-_3756603	3756603	3756650	-	4	48	ATG	TAG	0	0	
mORF_-_3756651	3756651	3756809	-	4	159	TTG	TGA	0	0	
mORF_-_3756749	3756749	3756823	-	6	75	ATG	TAA	0	0	
mORF_-_3756870	3756870	3756974	-	4	105	TTG	TGA	0	0	
mORF_-_3756932	3756932	3756946	-	6	15	ATG	TAA	0	0	
mORF_-_3756977	3756977	3757045	-	6	69	GTG	TAA	0	0	
mORF_-_3757050	3757050	3757079	-	4	30	TTG	TGA	0	0	
mORF_-_3757080	3757080	3757235	-	4	156	GTG	TGA	0	0	
mORF_-_3757248	3757248	3757253	-	4	6	GTG	TAA	0	0	

mORF_-_3757293	3757293	3757325	-	4	33	GTG	TAA	0	0	
mORF_-_3757329	3757329	3757472	-	4	144	TTG	TAA	0	0	
mORF_-_3757497	3757497	3757523	-	4	27	GTG	TAA	0	0	
mORF_-_3757581	3757581	3757607	-	4	27	GTG	TGA	0	0	
mORF_-_3757620	3757620	3757760	-	4	141	ATG	TGA	0	0	
mORF_-_3757628	3757628	3757636	-	6	9	GTG	TGA	0	0	
mORF_-_3757776	3757776	3757814	-	4	39	ATG	TGA	0	0	
mORF_-_3757815	3757815	3757877	-	4	63	TTG	TAA	0	0	
mORF_-_3757881	3757881	3759272	-	4	1392	ATG	TGA	14	54	pORF_-_3757881
mORF_-_3757886	3757886	3757966	-	6	81	TTG	TGA	0	0	
mORF_-_3757918	3757918	3757941	-	5	24	GTG	TGA	0	0	
mORF_-_3757967	3757967	3757987	-	6	21	GTG	TGA	0	0	
mORF_-_3758000	3758000	3758032	-	6	33	ATG	TAG	0	0	
mORF_-_3758045	3758045	3758230	-	6	186	GTG	TAA	0	0	
mORF_-_3758068	3758068	3758106	-	5	39	ATG	TGA	0	0	
mORF_-_3758285	3758285	3758308	-	6	24	GTG	TGA	0	0	
mORF_-_3758339	3758339	3758359	-	6	21	TTG	TGA	0	0	
mORF_-_3758405	3758405	3758428	-	6	24	TTG	TGA	0	0	
mORF_-_3758429	3758429	3758491	-	6	63	GTG	TGA	0	0	
mORF_-_3758507	3758507	3758554	-	6	48	ATG	TAG	0	0	
mORF_-_3758606	3758606	3758626	-	6	21	ATG	TGA	0	0	
mORF_-_3758627	3758627	3758647	-	6	21	ATG	TGA	0	0	
mORF_-_3758672	3758672	3758734	-	6	63	TTG	TAG	0	0	
mORF_-_3758795	3758795	3758914	-	6	120	ATG	TGA	0	0	
mORF_-_3758818	3758818	3758859	-	5	42	GTG	TAA	0	0	
mORF_-_3758924	3758924	3758989	-	6	66	TTG	TGA	0	0	
mORF_-_3759056	3759056	3759118	-	6	63	GTG	TGA	0	0	
mORF_-_3759088	3759088	3759096	-	5	9	GTG	TGA	0	0	
mORF_-_3759122	3759122	3759229	-	6	108	TTG	TGA	0	0	
mORF_-_3759244	3759244	3759291	-	5	48	TTG	TAG	0	0	
mORF_-_3759288	3759288	3759398	-	4	111	TTG	TGA	0	0	
mORF_-_3759299	3759299	3759304	-	6	6	GTG	TGA	0	0	
mORF_-_3759350	3759350	3759373	-	6	24	TTG	TGA	0	0	
mORF_-_3759370	3759370	3759978	-	5	609	ATG	TGA	8	31	pORF_-_3759370
mORF_-_3759410	3759410	3759460	-	6	51	TTG	TAG	0	0	
mORF_-_3759435	3759435	3759758	-	4	324	ATG	TAG	0	0	
mORF_-_3759762	3759762	3759797	-	4	36	TTG	TAA	0	0	
mORF_-_3759794	3759794	3759805	-	6	12	ATG	TGA	0	0	
mORF_-_3759840	3759840	3759890	-	4	51	ATG	TAG	0	0	
mORF_-_3759918	3759918	3759947	-	4	30	TTG	TAG	0	0	
mORF_-_3759975	3759975	3760073	-	4	99	GTG	TGA	0	0	
mORF_-_3760070	3760070	3760084	-	6	15	ATG	TGA	0	0	
mORF_-_3760107	3760107	3760115	-	4	9	GTG	TAA	0	0	
mORF_-_3760112	3760112	3760132	-	6	21	GTG	TGA	0	0	
mORF_-_3760134	3760134	3760196	-	4	63	TTG	TGA	0	0	
mORF_-_3760144	3760144	3760179	-	5	36	TTG	TAA	0	0	
mORF_-_3760229	3760229	3760261	-	6	33	ATG	TGA	0	0	
mORF_-_3760265	3760265	3760435	-	6	171	GTG	TGA	0	0	
mORF_-_3760272	3760272	3760346	-	4	75	ATG	TGA	0	0	
mORF_-_3760351	3760351	3760371	-	5	21	TTG	TGA	0	0	
mORF_-_3760420	3760420	3760536	-	5	117	GTG	TGA	0	0	
mORF_-_3760445	3760445	3760534	-	6	90	GTG	TAA	0	0	
mORF_-_3760515	3760515	3760580	-	4	66	GTG	TAA	0	0	
mORF_-_3760543	3760543	3760863	-	5	321	GTG	TGA	0	0	
mORF_-_3760617	3760617	3760664	-	4	48	GTG	TGA	0	0	
mORF_-_3760707	3760707	3761099	-	4	393	GTG	TAA	0	0	
mORF_-_3760721	3760721	3760909	-	6	189	GTG	TAA	0	0	
mORF_-_3760906	3760906	3761160	-	5	255	GTG	TGA	0	0	
mORF_-_3760934	3760934	3760996	-	6	63	ATG	TGA	0	0	
mORF_-_3761042	3761042	3761071	-	6	30	ATG	TAA	0	0	
mORF_-_3761121	3761121	3761258	-	4	138	GTG	TAA	0	0	
mORF_-_3761144	3761144	3761197	-	6	54	TTG	TAG	0	0	
mORF_-_3761255	3761255	3761260	-	6	6	GTG	TGA	0	0	

mORF_-_3761331	3761331	3761618	-	4	288	GTG	TAA	0	0	
mORF_-_3761336	3761336	3761341	-	6	6	GTG	TAG	0	0	
mORF_-_3761345	3761345	3761467	-	6	123	GTG	TGA	0	0	
mORF_-_3761474	3761474	3761578	-	6	105	GTG	TGA	0	0	
mORF_-_3761497	3761497	3761529	-	5	33	TTG	TGA	0	0	
mORF_-_3761563	3761563	3761595	-	5	33	ATG	TGA	0	0	
mORF_-_3761606	3761606	3761638	-	6	33	GTG	TAG	0	0	
mORF_-_3761631	3761631	3761747	-	4	117	GTG	TGA	0	0	
mORF_-_3761693	3761693	3761722	-	6	30	GTG	TGA	0	0	
mORF_-_3761719	3761719	3761766	-	5	48	TTG	TGA	0	0	
mORF_-_3761732	3761732	3761797	-	6	66	ATG	TAA	0	0	
mORF_-_3761754	3761754	3761897	-	4	144	GTG	TAA	0	0	
mORF_-_3761816	3761816	3761833	-	6	18	GTG	TGA	0	0	
mORF_-_3761830	3761830	3761928	-	5	99	ATG	TGA	2	4	pORF_-_3761830
mORF_-_3761915	3761915	3762169	-	6	255	GTG	TGA	0	0	
mORF_-_3761946	3761946	3761975	-	4	30	ATG	TAA	0	0	
mORF_-_3762019	3762019	3762051	-	5	33	GTG	TGA	0	0	
mORF_-_3762096	3762096	3762668	-	4	573	GTG	TAG	0	0	
mORF_-_3762133	3762133	3762228	-	5	96	GTG	TGA	0	0	
mORF_-_3762176	3762176	3762226	-	6	51	GTG	TAA	0	0	
mORF_-_3762236	3762236	3762289	-	6	54	GTG	TGA	0	0	
mORF_-_3762299	3762299	3762391	-	6	93	ATG	TAG	0	0	
mORF_-_3762400	3762400	3762636	-	5	237	GTG	TGA	0	0	
mORF_-_3762479	3762479	3762532	-	6	54	TTG	TGA	0	0	
mORF_-_3762605	3762605	3762652	-	6	48	GTG	TAA	0	0	
mORF_-_3762695	3762695	3762709	-	6	15	GTG	TAA	0	0	
mORF_-_3762732	3762732	3763151	-	4	420	TTG	TAA	3	6	pORF_-_3762732
mORF_-_3762773	3762773	3762808	-	6	36	ATG	TAA	0	0	
mORF_-_3762839	3762839	3762850	-	6	12	GTG	TAG	0	0	
mORF_-_3762869	3762869	3762973	-	6	105	ATG	TGA	0	0	
mORF_-_3763028	3763028	3763081	-	6	54	GTG	TGA	0	0	
mORF_-_3763072	3763072	3763314	-	5	243	TTG	TAA	0	0	
mORF_-_3763136	3763136	3763141	-	6	6	GTG	TAG	0	0	
mORF_-_3763184	3763184	3763336	-	6	153	ATG	TAA	0	0	
mORF_-_3763260	3763260	3763826	-	4	567	GTG	TGA	0	0	
mORF_-_3763349	3763349	3763393	-	6	45	GTG	TGA	0	0	
mORF_-_3763363	3763363	3763371	-	5	9	GTG	TGA	0	0	
mORF_-_3763375	3763375	3763566	-	5	192	ATG	TGA	0	0	
mORF_-_3763439	3763439	3763729	-	6	291	TTG	TGA	0	0	
mORF_-_3763678	3763678	3763695	-	5	18	TTG	TGA	0	0	
mORF_-_3763814	3763814	3763819	-	6	6	TTG	TAA	0	0	
mORF_-_3763832	3763832	3763861	-	6	30	GTG	TAA	0	0	
mORF_-_3763901	3763901	3764179	-	6	279	ATG	TGA	0	0	
mORF_-_3763944	3763944	3764009	-	4	66	TTG	TAA	0	0	
mORF_-_3763957	3763957	3764121	-	5	165	TTG	TAG	0	0	
mORF_-_3764061	3764061	3764066	-	4	6	TTG	TGA	0	0	
mORF_-_3764234	3764234	3764284	-	6	51	GTG	TGA	0	0	
mORF_-_3764241	3764241	3764309	-	4	69	GTG	TAG	0	0	
mORF_-_3764266	3764266	3764322	-	5	57	TTG	TAG	0	0	
mORF_-_3764319	3764319	3764486	-	4	168	ATG	TGA	0	0	
mORF_-_3764405	3764405	3764416	-	6	12	TTG	TAA	0	0	
mORF_-_3764450	3764450	3764464	-	6	15	GTG	TAA	0	0	
mORF_-_3764461	3764461	3764466	-	5	6	TTG	TGA	0	0	
mORF_-_3764504	3764504	3764599	-	6	96	TTG	TAA	0	0	
mORF_-_3764526	3764526	3764585	-	4	60	ATG	TAA	0	0	
mORF_-_3764560	3764560	3764649	-	5	90	TTG	TAA	0	0	
mORF_-_3764634	3764634	3764657	-	4	24	ATG	TAA	0	0	
mORF_-_3764685	3764685	3764738	-	4	54	GTG	TAG	0	0	
mORF_-_3764707	3764707	3764718	-	5	12	TTG	TGA	0	0	
mORF_-_3764735	3764735	3764761	-	6	27	TTG	TGA	0	0	
mORF_-_3764758	3764758	3764916	-	5	159	TTG	TGA	0	0	
mORF_-_3764799	3764799	3764807	-	4	9	ATG	TAG	0	0	
mORF_-_3764823	3764823	3764846	-	4	24	GTG	TGA	0	0	

mORF_-_3764853	3764853	3764873	-	4	21	TTG	TAA	0	0
mORF_-_3764883	3764883	3764906	-	4	24	TTG	TGA	0	0
mORF_-_3764937	3764937	3764996	-	4	60	TTG	TAA	0	0
mORF_-_3765070	3765070	3765693	-	5	624	TTG	TAA	0	0
mORF_-_3765177	3765177	3765200	-	4	24	ATG	TAG	0	0
mORF_-_3765197	3765197	3765319	-	6	123	ATG	TGA	0	0
mORF_-_3765213	3765213	3765482	-	4	270	TTG	TAG	0	0
mORF_-_3765431	3765431	3765448	-	6	18	TTG	TGA	0	0
mORF_-_3765507	3765507	3765524	-	4	18	ATG	TGA	0	0
mORF_-_3765567	3765567	3765572	-	4	6	TTG	TAA	0	0
mORF_-_3765585	3765585	3765614	-	4	30	GTG	TAA	0	0
mORF_-_3765654	3765654	3765830	-	4	177	ATG	TGA	0	0
mORF_-_3765712	3765712	3765789	-	5	78	ATG	TAA	0	0
mORF_-_3765773	3765773	3765802	-	6	30	ATG	TGA	0	0
mORF_-_3765803	3765803	3765817	-	6	15	TTG	TAG	0	0
mORF_-_3765836	3765836	3765850	-	6	15	ATG	TAG	0	0
mORF_-_3765857	3765857	3765934	-	6	78	ATG	TAA	0	0
mORF_-_3765898	3765898	3765927	-	5	30	TTG	TAA	0	0
mORF_-_3765942	3765942	3766142	-	4	201	ATG	TAG	0	0
mORF_-_3765950	3765950	3765967	-	6	18	TTG	TAG	0	0
mORF_-_3765958	3765958	3765963	-	5	6	ATG	TAA	0	0
mORF_-_3766013	3766013	3766054	-	6	42	TTG	TAG	0	0
mORF_-_3766061	3766061	3766069	-	6	9	TTG	TAA	0	0
mORF_-_3766078	3766078	3766209	-	5	132	ATG	TAG	0	0
mORF_-_3766085	3766085	3766129	-	6	45	ATG	TAG	0	0
mORF_-_3766218	3766218	3766277	-	4	60	TTG	TAG	0	0
mORF_-_3766297	3766297	3766380	-	5	84	ATG	TAG	0	0
mORF_-_3766353	3766353	3766361	-	4	9	ATG	TGA	0	0
mORF_-_3766386	3766386	3766430	-	4	45	TTG	TAG	0	0
mORF_-_3766397	3766397	3766420	-	6	24	ATG	TAA	0	0
mORF_-_3766408	3766408	3766455	-	5	48	ATG	TAG	0	0
mORF_-_3766421	3766421	3766426	-	6	6	TTG	TAA	0	0
mORF_-_3766480	3766480	3766518	-	5	39	ATG	TAA	0	0
mORF_-_3766521	3766521	3766607	-	4	87	TTG	TGA	0	0
mORF_-_3766546	3766546	3766593	-	5	48	TTG	TAG	0	0
mORF_-_3766550	3766550	3766600	-	6	51	TTG	TAA	0	0
mORF_-_3766604	3766604	3766675	-	6	72	ATG	TGA	0	0
mORF_-_3766620	3766620	3766667	-	4	48	TTG	TAG	0	0
mORF_-_3766707	3766707	3766871	-	4	165	ATG	TGA	0	0
mORF_-_3766739	3766739	3766765	-	6	27	GTG	TAA	0	0
mORF_-_3766805	3766805	3766909	-	6	105	ATG	TGA	0	0
mORF_-_3766897	3766897	3766995	-	5	99	ATG	TGA	0	0
mORF_-_3766923	3766923	3767021	-	4	99	TTG	TAA	0	0
mORF_-_3766934	3766934	3766993	-	6	60	GTG	TAA	0	0
mORF_-_3766996	3766996	3767013	-	5	18	TTG	TAA	0	0
mORF_-_3767018	3767018	3767080	-	6	63	ATG	TGA	0	0
mORF_-_3767041	3767041	3767058	-	5	18	TTG	TAA	0	0
mORF_-_3767098	3767098	3767133	-	5	36	TTG	TAA	0	0
mORF_-_3767111	3767111	3767260	-	6	150	GTG	TAA	0	0
mORF_-_3767130	3767130	3767138	-	4	9	ATG	TGA	0	0
mORF_-_3767205	3767205	3767222	-	4	18	TTG	TAA	0	0
mORF_-_3767209	3767209	3767262	-	5	54	ATG	TAG	0	0
mORF_-_3767262	3767262	3767303	-	4	42	TTG	TAA	0	0
mORF_-_3767269	3767269	3767349	-	5	81	TTG	TAA	0	0
mORF_-_3767336	3767336	3767395	-	6	60	GTG	TAA	0	0
mORF_-_3767352	3767352	3767378	-	4	27	TTG	TGA	0	0
mORF_-_3767411	3767411	3767485	-	6	75	ATG	TAG	0	0
mORF_-_3767442	3767442	3767546	-	4	105	TTG	TAG	0	0
mORF_-_3767516	3767516	3767521	-	6	6	ATG	TGA	0	0
mORF_-_3767528	3767528	3767578	-	6	51	ATG	TAG	0	0
mORF_-_3767580	3767580	3767657	-	4	78	ATG	TAG	0	0
mORF_-_3767603	3767603	3767635	-	6	33	GTG	TGA	0	0
mORF_-_3767626	3767626	3767796	-	5	171	ATG	TAG	0	0

mORF_-_3767821	3767821	3767979	-	5	159	ATG	TAA	0	0	
mORF_-_3767832	3767832	3767843	-	4	12	GTG	TAA	0	0	
mORF_-_3767933	3767933	3767938	-	6	6	ATG	TAG	0	0	
mORF_-_3767976	3767976	3768002	-	4	27	ATG	TGA	0	0	
mORF_-_3767999	3767999	3768067	-	6	69	ATG	TGA	0	0	
mORF_-_3768039	3768039	3768062	-	4	24	TTG	TAA	0	0	
mORF_-_3768064	3768064	3768150	-	5	87	ATG	TGA	0	0	
mORF_-_3768099	3768099	3768146	-	4	48	GTG	TGA	0	0	
mORF_-_3768147	3768147	3768167	-	4	21	ATG	TGA	0	0	
mORF_-_3768176	3768176	3768214	-	6	39	TTG	TAA	0	0	
mORF_-_3768196	3768196	3768240	-	5	45	TTG	TAG	0	0	
mORF_-_3768228	3768228	3768269	-	4	42	TTG	TAA	0	0	
mORF_-_3768266	3768266	3769402	-	6	1137	ATG	TGA	0	0	
mORF_-_3768325	3768325	3768435	-	5	111	GTG	TGA	0	0	
mORF_-_3768520	3768520	3768576	-	5	57	ATG	TGA	0	0	
mORF_-_3768586	3768586	3768624	-	5	39	TTG	TGA	0	0	
mORF_-_3768700	3768700	3768753	-	5	54	TTG	TGA	0	0	
mORF_-_3768790	3768790	3768795	-	5	6	TTG	TGA	0	0	
mORF_-_3768868	3768868	3768918	-	5	51	GTG	TGA	0	0	
mORF_-_3768955	3768955	3769041	-	5	87	GTG	TGA	0	0	
mORF_-_3769072	3769072	3769185	-	5	114	TTG	TGA	0	0	
mORF_-_3769176	3769176	3769325	-	4	150	GTG	TGA	0	0	
mORF_-_3769273	3769273	3769281	-	5	9	GTG	TGA	0	0	
mORF_-_3769350	3769350	3769601	-	4	252	ATG	TAA	0	0	
mORF_-_3769381	3769381	3769389	-	5	9	TTG	TAA	0	0	
mORF_-_3769405	3769405	3769767	-	5	363	ATG	TAA	0	0	
mORF_-_3769502	3769502	3769582	-	6	81	GTG	TGA	0	0	
mORF_-_3769617	3769617	3769673	-	4	57	TTG	TGA	0	0	
mORF_-_3769674	3769674	3769709	-	4	36	ATG	TGA	0	0	
mORF_-_3769758	3769758	3769844	-	4	87	TTG	TAA	0	0	
mORF_-_3769790	3769790	3769870	-	6	81	ATG	TGA	0	0	
mORF_-_3769825	3769825	3769938	-	5	114	ATG	TGA	0	0	
mORF_-_3769911	3769911	3769955	-	4	45	GTG	TAA	0	0	
mORF_-_3769952	3769952	3770035	-	6	84	GTG	TGA	0	0	
mORF_-_3769990	3769990	3769998	-	5	9	GTG	TGA	0	0	
mORF_-_3769995	3769995	3770000	-	4	6	TTG	TGA	0	0	
mORF_-_3770005	3770005	3770019	-	5	15	TTG	TGA	0	0	
mORF_-_3770016	3770016	3770042	-	4	27	GTG	TGA	0	0	
mORF_-_3770035	3770035	3770163	-	5	129	TTG	TAG	0	0	
mORF_-_3770039	3770039	3770044	-	6	6	ATG	TGA	0	0	
mORF_-_3770087	3770087	3770092	-	6	6	GTG	TAA	0	0	
mORF_-_3770112	3770112	3770120	-	4	9	TTG	TGA	0	0	
mORF_-_3770142	3770142	3770159	-	4	18	GTG	TAA	0	0	
mORF_-_3770156	3770156	3770161	-	6	6	GTG	TGA	0	0	
mORF_-_3770192	3770192	3770473	-	6	282	GTG	TGA	0	0	
mORF_-_3770214	3770214	3770219	-	4	6	TTG	TAG	0	0	
mORF_-_3770227	3770227	3770283	-	5	57	TTG	TAG	0	0	
mORF_-_3770302	3770302	3770310	-	5	9	ATG	TAA	0	0	
mORF_-_3770307	3770307	3770333	-	4	27	TTG	TGA	0	0	
mORF_-_3770350	3770350	3770370	-	5	21	TTG	TGA	0	0	
mORF_-_3770413	3770413	3770421	-	5	9	TTG	TAA	0	0	
mORF_-_3770430	3770430	3770924	-	4	495	ATG	TAA	0	0	
mORF_-_3770498	3770498	3770881	-	6	384	ATG	TAA	1	2	pORF_-_3770498
mORF_-_3770731	3770731	3770742	-	5	12	ATG	TAG	0	0	
mORF_-_3770881	3770881	3770940	-	5	60	TTG	TAA	0	0	
mORF_-_3770912	3770912	3771049	-	6	138	ATG	TGA	0	0	
mORF_-_3770937	3770937	3771716	-	4	780	GTG	TGA	0	0	
mORF_-_3771019	3771019	3771045	-	5	27	TTG	TAG	0	0	
mORF_-_3771077	3771077	3771151	-	6	75	GTG	TAG	0	0	
mORF_-_3771157	3771157	3771189	-	5	33	ATG	TAG	0	0	
mORF_-_3771199	3771199	3771228	-	5	30	TTG	TAG	0	0	
mORF_-_3771236	3771236	3771445	-	6	210	ATG	TAA	0	0	
mORF_-_3771295	3771295	3771348	-	5	54	TTG	TAG	0	0	

mORF_-_3771379	3771379	3771390	-	5	12	ATG	TAG	0	0	
mORF_-_3771509	3771509	3771589	-	6	81	GTG	TGA	0	0	
mORF_-_3771590	3771590	3771832	-	6	243	TTG	TGA	0	0	
mORF_-_3771613	3771613	3771723	-	5	111	TTG	TAG	0	0	
mORF_-_3771784	3771784	3771828	-	5	45	TTG	TGA	0	0	
mORF_-_3771789	3771789	3772169	-	4	381	GTG	TAG	0	0	
mORF_-_3771935	3771935	3772105	-	6	171	ATG	TAA	0	0	
mORF_-_3771949	3771949	3771963	-	5	15	GTG	TAG	0	0	
mORF_-_3772106	3772106	3772237	-	6	132	GTG	TGA	0	0	
mORF_-_3772114	3772114	3772134	-	5	21	GTG	TGA	0	0	
mORF_-_3772150	3772150	3772317	-	5	168	GTG	TGA	0	0	
mORF_-_3772253	3772253	3772429	-	6	177	ATG	TAA	0	0	
mORF_-_3772296	3772296	3772352	-	4	57	ATG	TGA	0	0	
mORF_-_3772342	3772342	3772374	-	5	33	GTG	TAA	0	0	
mORF_-_3772371	3772371	3772544	-	4	174	TTG	TGA	0	0	
mORF_-_3772445	3772445	3772456	-	6	12	ATG	TAG	0	0	
mORF_-_3772456	3772456	3772593	-	5	138	ATG	TAA	0	0	
mORF_-_3772584	3772584	3772652	-	4	69	ATG	TGA	0	0	
mORF_-_3772680	3772680	3773099	-	4	420	GTG	TGA	0	0	
mORF_-_3772690	3772690	3772893	-	5	204	GTG	TAA	0	0	
mORF_-_3772697	3772697	3772741	-	6	45	TTG	TAG	0	0	
mORF_-_3772796	3772796	3772948	-	6	153	TTG	TGA	0	0	
mORF_-_3773012	3773012	3773068	-	6	57	ATG	TGA	0	0	
mORF_-_3773047	3773047	3773658	-	5	612	TTG	TAA	0	0	
mORF_-_3773142	3773142	3773228	-	4	87	TTG	TGA	0	0	
mORF_-_3773225	3773225	3773338	-	6	114	GTG	TGA	0	0	
mORF_-_3773232	3773232	3773267	-	4	36	ATG	TAG	0	0	
mORF_-_3773331	3773331	3773372	-	4	42	TTG	TGA	0	0	
mORF_-_3773369	3773369	3773737	-	6	369	GTG	TGA	0	0	
mORF_-_3773472	3773472	3773546	-	4	75	TTG	TGA	0	0	
mORF_-_3773640	3773640	3773666	-	4	27	TTG	TGA	0	0	
mORF_-_3773780	3773780	3773794	-	6	15	TTG	TGA	0	0	
mORF_-_3773801	3773801	3773881	-	6	81	ATG	TAA	0	0	
mORF_-_3773882	3773882	3773899	-	6	18	ATG	TAA	0	0	
mORF_-_3773899	3773899	3773940	-	5	42	ATG	TAA	0	0	
mORF_-_3773952	3773952	3774020	-	4	69	GTG	TAG	0	0	
mORF_-_3773957	3773957	3773968	-	6	12	TTG	TGA	0	0	
mORF_-_3773980	3773980	3774132	-	5	153	GTG	TAA	0	0	
mORF_-_3774033	3774033	3774101	-	4	69	TTG	TAA	0	0	
mORF_-_3774098	3774098	3774151	-	6	54	TTG	TGA	0	0	
mORF_-_3774154	3774154	3774186	-	5	33	TTG	TGA	0	0	
mORF_-_3774159	3774159	3774176	-	4	18	TTG	TAA	0	0	
mORF_-_3774194	3774194	3774403	-	6	210	ATG	TAA	2	9	pORF_-_3774194
mORF_-_3774205	3774205	3774273	-	5	69	ATG	TAG	0	0	
mORF_-_3774355	3774355	3774390	-	5	36	GTG	TAG	0	0	
mORF_-_3774387	3774387	3774449	-	4	63	TTG	TGA	0	0	
mORF_-_3774452	3774452	3774505	-	6	54	TTG	TAA	0	0	
mORF_-_3774457	3774457	3774480	-	5	24	ATG	TAA	0	0	
mORF_-_3774480	3774480	3774512	-	4	33	ATG	TAA	0	0	
mORF_-_3774548	3774548	3774559	-	6	12	TTG	TAA	0	0	
mORF_-_3774556	3774556	3774582	-	5	27	ATG	TGA	0	0	
mORF_-_3774596	3774596	3774631	-	6	36	TTG	TAA	0	0	
mORF_-_3774607	3774607	3774981	-	5	375	GTG	TAA	0	0	
mORF_-_3774684	3774684	3774818	-	4	135	GTG	TGA	0	0	
mORF_-_3774722	3774722	3774913	-	6	192	TTG	TGA	0	0	
mORF_-_3774852	3774852	3774944	-	4	93	TTG	TGA	0	0	
mORF_-_3774914	3774914	3775036	-	6	123	TTG	TAA	0	0	
mORF_-_3775033	3775033	3775080	-	5	48	GTG	TGA	0	0	
mORF_-_3775062	3775062	3775205	-	4	144	TTG	TAG	0	0	
mORF_-_3775085	3775085	3775108	-	6	24	GTG	TAG	0	0	
mORF_-_3775105	3775105	3775122	-	5	18	TTG	TGA	0	0	
mORF_-_3775139	3775139	3775294	-	6	156	ATG	TGA	0	0	
mORF_-_3775183	3775183	3775221	-	5	39	TTG	TAA	0	0	

mORF_-_3775230	3775230	3775259	-	4	30	TTG	TAA	0	0	
mORF_-_3775246	3775246	3775251	-	5	6	TTG	TGA	0	0	
mORF_-_3775267	3775267	3775485	-	5	219	ATG	TGA	0	0	
mORF_-_3775272	3775272	3775289	-	4	18	ATG	TGA	0	0	
mORF_-_3775295	3775295	3775306	-	6	12	ATG	TAA	0	0	
mORF_-_3775299	3775299	3775334	-	4	36	TTG	TAA	0	0	
mORF_-_3775322	3775322	3775357	-	6	36	TTG	TAG	0	0	
mORF_-_3775350	3775350	3775772	-	4	423	TTG	TAA	1	2	pORF_-_3775350
mORF_-_3775388	3775388	3775393	-	6	6	GTG	TAA	0	0	
mORF_-_3775442	3775442	3775528	-	6	87	TTG	TAG	0	0	
mORF_-_3775525	3775525	3775566	-	5	42	TTG	TGA	0	0	
mORF_-_3775643	3775643	3775672	-	6	30	ATG	TAG	0	0	
mORF_-_3775691	3775691	3775945	-	6	255	ATG	TAG	0	0	
mORF_-_3775738	3775738	3775842	-	5	105	TTG	TAG	0	0	
mORF_-_3775843	3775843	3775854	-	5	12	ATG	TAA	0	0	
mORF_-_3775909	3775909	3775950	-	5	42	TTG	TAA	0	0	
mORF_-_3775997	3775997	3776128	-	6	132	ATG	TGA	0	0	
mORF_-_3776132	3776132	3776296	-	6	165	GTG	TGA	0	0	
mORF_-_3776176	3776176	3776196	-	5	21	GTG	TAA	0	0	
mORF_-_3776218	3776218	3776334	-	5	117	GTG	TGA	0	0	
mORF_-_3776268	3776268	3776294	-	4	27	GTG	TGA	0	0	
mORF_-_3776300	3776300	3776305	-	6	6	GTG	TAA	0	0	
mORF_-_3776312	3776312	3776431	-	6	120	TTG	TGA	0	0	
mORF_-_3776353	3776353	3776364	-	5	12	GTG	TAG	0	0	
mORF_-_3776383	3776383	3776400	-	5	18	ATG	TAA	0	0	
mORF_-_3776498	3776498	3776647	-	6	150	ATG	TAG	0	0	
mORF_-_3776512	3776512	3776562	-	5	51	GTG	TAA	0	0	
mORF_-_3776605	3776605	3776673	-	5	69	ATG	TGA	0	0	
mORF_-_3776648	3776648	3776656	-	6	9	ATG	TAG	0	0	
mORF_-_3776680	3776680	3776745	-	5	66	ATG	TAA	0	0	
mORF_-_3776690	3776690	3776734	-	6	45	GTG	TAG	0	0	
mORF_-_3776706	3776706	3776741	-	4	36	ATG	TGA	0	0	
mORF_-_3776738	3776738	3777040	-	6	303	GTG	TGA	0	0	
mORF_-_3776746	3776746	3776808	-	5	63	ATG	TGA	0	0	
mORF_-_3776805	3776805	3777002	-	4	198	GTG	TGA	0	0	
mORF_-_3776809	3776809	3776847	-	5	39	GTG	TAG	0	0	
mORF_-_3777034	3777034	3777162	-	5	129	ATG	TGA	0	0	
mORF_-_3777057	3777057	3777236	-	4	180	TTG	TAA	0	0	
mORF_-_3777101	3777101	3777196	-	6	96	TTG	TGA	0	0	
mORF_-_3777215	3777215	3777319	-	6	105	TTG	TGA	0	0	
mORF_-_3777285	3777285	3777656	-	4	372	GTG	TAA	1	3	pORF_-_3777285
mORF_-_3777298	3777298	3777324	-	5	27	ATG	TGA	0	0	
mORF_-_3777335	3777335	3777421	-	6	87	ATG	TAG	0	0	
mORF_-_3777391	3777391	3777450	-	5	60	TTG	TAG	0	0	
mORF_-_3777506	3777506	3777529	-	6	24	ATG	TGA	0	0	
mORF_-_3777526	3777526	3777576	-	5	51	ATG	TGA	0	0	
mORF_-_3777548	3777548	3777601	-	6	54	TTG	TGA	0	0	
mORF_-_3777605	3777605	3777616	-	6	12	ATG	TGA	0	0	
mORF_-_3777653	3777653	3777832	-	6	180	ATG	TGA	0	0	
mORF_-_3777673	3777673	3777693	-	5	21	ATG	TGA	0	0	
mORF_-_3777681	3777681	3777728	-	4	48	TTG	TGA	0	0	
mORF_-_3777741	3777741	3777797	-	4	57	GTG	TAA	0	0	
mORF_-_3777751	3777751	3777762	-	5	12	ATG	TGA	0	0	
mORF_-_3777781	3777781	3777918	-	5	138	GTG	TGA	0	0	
mORF_-_3777801	3777801	3777851	-	4	51	ATG	TAA	0	0	
mORF_-_3777854	3777854	3777937	-	6	84	ATG	TAA	0	0	
mORF_-_3777873	3777873	3777896	-	4	24	ATG	TAA	0	0	
mORF_-_3777918	3777918	3778097	-	4	180	ATG	TAG	0	0	
mORF_-_3778021	3778021	3778356	-	5	336	ATG	TAA	0	0	
mORF_-_3778043	3778043	3778072	-	6	30	GTG	TAA	0	0	
mORF_-_3778119	3778119	3778211	-	4	93	TTG	TGA	0	0	
mORF_-_3778208	3778208	3778219	-	6	12	TTG	TGA	0	0	
mORF_-_3778233	3778233	3778313	-	4	81	GTG	TAA	0	0	

mORF_-_3778256	3778256	3778282	-	6	27	TTG	TAA	0	0	
mORF_-_3778310	3778310	3778549	-	6	240	ATG	TGA	0	0	
mORF_-_3778357	3778357	3778455	-	5	99	ATG	TGA	0	0	
mORF_-_3778476	3778476	3778487	-	4	12	TTG	TAA	0	0	
mORF_-_3778506	3778506	3779018	-	4	513	ATG	TAA	0	0	
mORF_-_3778546	3778546	3778674	-	5	129	GTG	TGA	0	0	
mORF_-_3778667	3778667	3778717	-	6	51	GTG	TAG	0	0	
mORF_-_3778724	3778724	3778861	-	6	138	TTG	TAG	0	0	
mORF_-_3778891	3778891	3779127	-	5	237	GTG	TAG	0	0	
mORF_-_3778958	3778958	3779038	-	6	81	ATG	TAA	0	0	
mORF_-_3779073	3779073	3779225	-	4	153	GTG	TGA	0	0	
mORF_-_3779111	3779111	3779191	-	6	81	GTG	TGA	0	0	
mORF_-_3779209	3779209	3779277	-	5	69	TTG	TAG	0	0	
mORF_-_3779225	3779225	3779248	-	6	24	ATG	TAG	0	0	
mORF_-_3779241	3779241	3779591	-	4	351	TTG	TAG	0	0	
mORF_-_3779255	3779255	3779332	-	6	78	ATG	TAA	0	0	
mORF_-_3779423	3779423	3779476	-	6	54	GTG	TAG	0	0	
mORF_-_3779470	3779470	3779547	-	5	78	GTG	TGA	0	0	
mORF_-_3779522	3779522	3779641	-	6	120	TTG	TAA	0	0	
mORF_-_3779708	3779708	3779764	-	6	57	ATG	TAA	0	0	
mORF_-_3779712	3779712	3779744	-	4	33	ATG	TAA	0	0	
mORF_-_3779734	3779734	3779757	-	5	24	GTG	TAA	0	0	
mORF_-_3779754	3779754	3779981	-	4	228	TTG	TGA	0	0	
mORF_-_3779764	3779764	3780585	-	5	822	ATG	TAA	22	76	pORF_-_3779764
mORF_-_3779985	3779985	3780041	-	4	57	TTG	TGA	0	0	
mORF_-_3780045	3780045	3780077	-	4	33	TTG	TGA	0	0	
mORF_-_3780078	3780078	3780137	-	4	60	TTG	TGA	0	0	
mORF_-_3780116	3780116	3780226	-	6	111	GTG	TGA	0	0	
mORF_-_3780171	3780171	3780260	-	4	90	ATG	TGA	0	0	
mORF_-_3780270	3780270	3780338	-	4	69	GTG	TGA	0	0	
mORF_-_3780354	3780354	3780404	-	4	51	TTG	TGA	0	0	
mORF_-_3780450	3780450	3780740	-	4	291	TTG	TGA	0	0	
mORF_-_3780575	3780575	3780640	-	6	66	ATG	TGA	0	0	
mORF_-_3780589	3780589	3780597	-	5	9	GTG	TAA	0	0	
mORF_-_3780637	3780637	3780696	-	5	60	GTG	TGA	0	0	
mORF_-_3780665	3780665	3781684	-	6	1020	ATG	TAA	22	108	pORF_-_3780665
mORF_-_3780766	3780766	3780870	-	5	105	ATG	TAA	0	0	
mORF_-_3780889	3780889	3781023	-	5	135	GTG	TGA	0	0	
mORF_-_3781030	3781030	3781092	-	5	63	TTG	TGA	0	0	
mORF_-_3781102	3781102	3781260	-	5	159	TTG	TGA	0	0	
mORF_-_3781300	3781300	3781380	-	5	81	ATG	TAG	0	0	
mORF_-_3781308	3781308	3781367	-	4	60	GTG	TGA	0	0	
mORF_-_3781390	3781390	3781650	-	5	261	GTG	TGA	0	0	
mORF_-_3781660	3781660	3781671	-	5	12	ATG	TGA	0	0	
mORF_-_3781671	3781671	3781691	-	4	21	ATG	TAA	0	0	
mORF_-_3781684	3781684	3782151	-	5	468	ATG	TGA	23	509	pORF_-_3781684
mORF_-_3781737	3781737	3781769	-	4	33	TTG	TGA	0	0	
mORF_-_3781757	3781757	3781816	-	6	60	GTG	TAA	0	0	
mORF_-_3781773	3781773	3781925	-	4	153	GTG	TGA	0	0	
mORF_-_3781817	3781817	3781864	-	6	48	TTG	TGA	0	0	
mORF_-_3781922	3781922	3781927	-	6	6	GTG	TGA	0	0	
mORF_-_3781959	3781959	3782027	-	4	69	TTG	TAA	0	0	
mORF_-_3782030	3782030	3782047	-	6	18	TTG	TAA	0	0	
mORF_-_3782165	3782165	3782203	-	6	39	TTG	TAA	0	0	
mORF_-_3782178	3782178	3782210	-	4	33	GTG	TAA	0	0	
mORF_-_3782207	3782207	3782212	-	6	6	GTG	TGA	0	0	
mORF_-_3782214	3782214	3782465	-	4	252	ATG	TAA	21	111	pORF_-_3782214
mORF_-_3782219	3782219	3782293	-	6	75	TTG	TGA	0	0	
mORF_-_3782333	3782333	3782362	-	6	30	ATG	TGA	0	0	
mORF_-_3782341	3782341	3782424	-	5	84	TTG	TGA	0	0	
mORF_-_3782399	3782399	3782518	-	6	120	TTG	TGA	0	0	
mORF_-_3782539	3782539	3782547	-	5	9	TTG	TAA	0	0	
mORF_-_3782563	3782563	3782721	-	5	159	GTG	TAG	0	0	

mORF_-_3782607	3782607	3783050	-	4	444	TTG	TAA	23	116	pORF_-_3782607
mORF_-_3782663	3782663	3782683	-	6	21	TTG	TGA	0	0	
mORF_-_3782738	3782738	3782872	-	6	135	TTG	TAG	0	0	
mORF_-_3782894	3782894	3782914	-	6	21	GTG	TGA	0	0	
mORF_-_3782957	3782957	3782962	-	6	6	TTG	TGA	0	0	
mORF_-_3782996	3782996	3783019	-	6	24	TTG	TGA	0	0	
mORF_-_3783066	3783066	3783176	-	4	111	ATG	TAA	0	0	
mORF_-_3783122	3783122	3783136	-	6	15	TTG	TAA	0	0	
mORF_-_3783217	3783217	3783414	-	5	198	ATG	TAG	0	0	
mORF_-_3783245	3783245	3783283	-	6	39	TTG	TAA	0	0	
mORF_-_3783333	3783333	3783404	-	4	72	TTG	TAG	0	0	
mORF_-_3783371	3783371	3783394	-	6	24	GTG	TAG	0	0	
mORF_-_3783418	3783418	3784299	-	5	882	GTG	TAG	0	0	
mORF_-_3783459	3783459	3783509	-	4	51	ATG	TGA	0	0	
mORF_-_3783516	3783516	3783626	-	4	111	ATG	TGA	0	0	
mORF_-_3783669	3783669	3783677	-	4	9	ATG	TGA	0	0	
mORF_-_3783674	3783674	3783733	-	6	60	ATG	TGA	0	0	
mORF_-_3783720	3783720	3783836	-	4	117	ATG	TAG	0	0	
mORF_-_3784001	3784001	3784051	-	6	51	GTG	TAA	0	0	
mORF_-_3784017	3784017	3784190	-	4	174	TTG	TGA	0	0	
mORF_-_3784187	3784187	3784210	-	6	24	GTG	TGA	0	0	
mORF_-_3784203	3784203	3784259	-	4	57	TTG	TAA	0	0	
mORF_-_3784263	3784263	3784364	-	4	102	TTG	TGA	0	0	
mORF_-_3784361	3784361	3784369	-	6	9	GTG	TGA	0	0	
mORF_-_3784366	3784366	3785250	-	5	885	ATG	TGA	0	0	
mORF_-_3784383	3784383	3784469	-	4	87	ATG	TAG	0	0	
mORF_-_3784476	3784476	3784493	-	4	18	ATG	TAG	0	0	
mORF_-_3784500	3784500	3784505	-	4	6	GTG	TGA	0	0	
mORF_-_3784548	3784548	3784607	-	4	60	GTG	TGA	0	0	
mORF_-_3784604	3784604	3784669	-	6	66	GTG	TGA	0	0	
mORF_-_3784653	3784653	3784676	-	4	24	TTG	TGA	0	0	
mORF_-_3784695	3784695	3784907	-	4	213	ATG	TAA	0	0	
mORF_-_3784853	3784853	3784894	-	6	42	TTG	TAA	0	0	
mORF_-_3784908	3784908	3784982	-	4	75	TTG	TAG	0	0	
mORF_-_3784985	3784985	3785059	-	6	75	GTG	TAG	0	0	
mORF_-_3784989	3784989	3785129	-	4	141	TTG	TGA	0	0	
mORF_-_3785130	3785130	3785174	-	4	45	TTG	TGA	0	0	
mORF_-_3785135	3785135	3785233	-	6	99	ATG	TGA	0	0	
mORF_-_3785302	3785302	3785424	-	5	123	TTG	TAA	0	0	
mORF_-_3785319	3785319	3785384	-	4	66	ATG	TAG	0	0	
mORF_-_3785324	3785324	3785755	-	6	432	ATG	TGA	0	0	
mORF_-_3785431	3785431	3785784	-	5	354	ATG	TAA	0	0	
mORF_-_3785466	3785466	3785516	-	4	51	ATG	TGA	0	0	
mORF_-_3785526	3785526	3785681	-	4	156	GTG	TGA	0	0	
mORF_-_3785682	3785682	3785687	-	4	6	TTG	TAG	0	0	
mORF_-_3785812	3785812	3785934	-	5	123	ATG	TAA	0	0	
mORF_-_3785858	3785858	3786058	-	6	201	GTG	TAA	0	0	
mORF_-_3785907	3785907	3785948	-	4	42	ATG	TAG	0	0	
mORF_-_3786055	3786055	3786237	-	5	183	GTG	TGA	0	0	
mORF_-_3786084	3786084	3786323	-	4	240	TTG	TGA	0	0	
mORF_-_3786092	3786092	3786154	-	6	63	ATG	TGA	0	0	
mORF_-_3786269	3786269	3786370	-	6	102	GTG	TAG	0	0	
mORF_-_3786295	3786295	3786357	-	5	63	ATG	TGA	0	0	
mORF_-_3786354	3786354	3786458	-	4	105	TTG	TGA	0	0	
mORF_-_3786403	3786403	3786780	-	5	378	TTG	TAG	0	0	
mORF_-_3786468	3786468	3786503	-	4	36	TTG	TAG	0	0	
mORF_-_3786555	3786555	3786560	-	4	6	TTG	TAA	0	0	
mORF_-_3786564	3786564	3786743	-	4	180	ATG	TAA	0	0	
mORF_-_3786695	3786695	3786763	-	6	69	TTG	TAA	0	0	
mORF_-_3786789	3786789	3786926	-	4	138	TTG	TAA	0	0	
mORF_-_3786860	3786860	3786892	-	6	33	GTG	TAG	0	0	
mORF_-_3786951	3786951	3787001	-	4	51	GTG	TAA	0	0	
mORF_-_3786976	3786976	3787032	-	5	57	TTG	TAA	0	0	

mORF_-_3787023	3787023	3787043	-	4	21	TTG	TGA	0	0	
mORF_-_3787070	3787070	3788104	-	6	1035	ATG	TAG	1	2	pORF_-_3787070
mORF_-_3787089	3787089	3787151	-	4	63	GTG	TAG	0	0	
mORF_-_3787174	3787174	3787188	-	5	15	ATG	TGA	0	0	
mORF_-_3787195	3787195	3787233	-	5	39	TTG	TGA	0	0	
mORF_-_3787203	3787203	3787283	-	4	81	TTG	TAA	0	0	
mORF_-_3787234	3787234	3787287	-	5	54	GTG	TGA	0	0	
mORF_-_3787330	3787330	3787347	-	5	18	ATG	TGA	0	0	
mORF_-_3787438	3787438	3787611	-	5	174	TTG	TGA	0	0	
mORF_-_3787584	3787584	3787622	-	4	39	TTG	TGA	0	0	
mORF_-_3787663	3787663	3787725	-	5	63	GTG	TAA	0	0	
mORF_-_3787722	3787722	3787733	-	4	12	GTG	TGA	0	0	
mORF_-_3787737	3787737	3787748	-	4	12	GTG	TGA	0	0	
mORF_-_3787786	3787786	3787896	-	5	111	ATG	TGA	0	0	
mORF_-_3787948	3787948	3787977	-	5	30	ATG	TAG	0	0	
mORF_-_3787980	3787980	3788036	-	4	57	TTG	TAA	0	0	
mORF_-_3788020	3788020	3788079	-	5	60	GTG	TAA	0	0	
mORF_-_3788140	3788140	3788205	-	5	66	GTG	TAA	0	0	
mORF_-_3788207	3788207	3788251	-	6	45	GTG	TGA	0	0	
mORF_-_3788245	3788245	3788253	-	5	9	TTG	TGA	0	0	
mORF_-_3788268	3788268	3788273	-	4	6	GTG	TAA	0	0	
mORF_-_3788284	3788284	3788289	-	5	6	ATG	TAA	0	0	
mORF_-_3788343	3788343	3789368	-	4	1026	ATG	TAA	12	22	pORF_-_3788343
mORF_-_3788354	3788354	3788413	-	6	60	ATG	TGA	0	0	
mORF_-_3788465	3788465	3788503	-	6	39	GTG	TGA	0	0	
mORF_-_3788540	3788540	3788593	-	6	54	TTG	TGA	0	0	
mORF_-_3788609	3788609	3788671	-	6	63	TTG	TGA	0	0	
mORF_-_3788699	3788699	3788785	-	6	87	ATG	TGA	0	0	
mORF_-_3788792	3788792	3788929	-	6	138	TTG	TGA	0	0	
mORF_-_3788939	3788939	3788947	-	6	9	ATG	TAG	0	0	
mORF_-_3788990	3788990	3789031	-	6	42	TTG	TGA	0	0	
mORF_-_3789022	3789022	3789084	-	5	63	TTG	TAA	0	0	
mORF_-_3789035	3789035	3789091	-	6	57	GTG	TAG	0	0	
mORF_-_3789140	3789140	3789154	-	6	15	TTG	TGA	0	0	
mORF_-_3789158	3789158	3789226	-	6	69	ATG	TAG	0	0	
mORF_-_3789178	3789178	3789222	-	5	45	GTG	TGA	0	0	
mORF_-_3789365	3789365	3789406	-	6	42	TTG	TGA	0	0	
mORF_-_3789370	3789370	3789375	-	5	6	ATG	TGA	0	0	
mORF_-_3789378	3789378	3790574	-	4	1197	ATG	TGA	24	40	pORF_-_3789378
mORF_-_3789422	3789422	3789553	-	6	132	TTG	TAG	0	0	
mORF_-_3789566	3789566	3789850	-	6	285	TTG	TAG	0	0	
mORF_-_3789643	3789643	3789669	-	5	27	GTG	TGA	0	0	
mORF_-_3789676	3789676	3789789	-	5	114	GTG	TGA	0	0	
mORF_-_3789881	3789881	3789925	-	6	45	TTG	TGA	0	0	
mORF_-_3789953	3789953	3789967	-	6	15	ATG	TGA	0	0	
mORF_-_3789970	3789970	3789987	-	5	18	TTG	TAA	0	0	
mORF_-_3789995	3789995	3790006	-	6	12	TTG	TGA	0	0	
mORF_-_3790007	3790007	3790033	-	6	27	ATG	TGA	0	0	
mORF_-_3790043	3790043	3790069	-	6	27	GTG	TGA	0	0	
mORF_-_3790079	3790079	3790156	-	6	78	TTG	TGA	0	0	
mORF_-_3790129	3790129	3790140	-	5	12	GTG	TAA	0	0	
mORF_-_3790172	3790172	3790390	-	6	219	TTG	TGA	0	0	
mORF_-_3790306	3790306	3790329	-	5	24	TTG	TAA	0	0	
mORF_-_3790391	3790391	3790456	-	6	66	ATG	TGA	0	0	
mORF_-_3790396	3790396	3790434	-	5	39	TTG	TGA	0	0	
mORF_-_3790507	3790507	3790617	-	5	111	TTG	TAA	0	0	
mORF_-_3790547	3790547	3790606	-	6	60	GTG	TAA	0	0	
mORF_-_3790610	3790610	3790651	-	6	42	GTG	TAA	0	0	
mORF_-_3790620	3790620	3790700	-	4	81	GTG	TAA	0	0	
mORF_-_3790645	3790645	3790659	-	5	15	TTG	TAA	0	0	
mORF_-_3790663	3790663	3790740	-	5	78	ATG	TGA	0	0	
mORF_-_3790694	3790694	3790834	-	6	141	GTG	TGA	0	0	
mORF_-_3790755	3790755	3790790	-	4	36	TTG	TAA	0	0	

mORF_-_3790849	3790849	3791721	-	5	873	ATG	TAG	0	0
mORF_-_3790901	3790901	3790987	-	6	87	GTG	TAA	0	0
mORF_-_3790953	3790953	3791018	-	4	66	TTG	TAA	0	0
mORF_-_3791055	3791055	3791129	-	4	75	TTG	TAG	0	0
mORF_-_3791060	3791060	3791077	-	6	18	ATG	TAA	0	0
mORF_-_3791130	3791130	3791141	-	4	12	TTG	TGA	0	0
mORF_-_3791178	3791178	3791210	-	4	33	TTG	TAA	0	0
mORF_-_3791207	3791207	3791224	-	6	18	TTG	TGA	0	0
mORF_-_3791241	3791241	3791267	-	4	27	TTG	TAA	0	0
mORF_-_3791252	3791252	3791278	-	6	27	GTG	TAA	0	0
mORF_-_3791271	3791271	3791285	-	4	15	TTG	TAG	0	0
mORF_-_3791322	3791322	3791357	-	4	36	ATG	TAA	0	0
mORF_-_3791342	3791342	3791347	-	6	6	ATG	TAA	0	0
mORF_-_3791385	3791385	3791423	-	4	39	ATG	TAA	0	0
mORF_-_3791472	3791472	3791522	-	4	51	TTG	TAA	0	0
mORF_-_3791556	3791556	3791609	-	4	54	TTG	TGA	0	0
mORF_-_3791619	3791619	3791672	-	4	54	TTG	TAG	0	0
mORF_-_3791642	3791642	3791653	-	6	12	TTG	TAA	0	0
mORF_-_3791738	3791738	3791746	-	6	9	ATG	TAA	0	0
mORF_-_3791752	3791752	3791781	-	5	30	ATG	TAA	0	0
mORF_-_3791774	3791774	3791785	-	6	12	TTG	TAA	0	0
mORF_-_3791782	3791782	3791853	-	5	72	ATG	TGA	0	0
mORF_-_3791795	3791795	3791809	-	6	15	ATG	TAA	0	0
mORF_-_3791823	3791823	3791831	-	4	9	GTG	TAG	0	0
mORF_-_3791831	3791831	3791860	-	6	30	ATG	TAG	0	0
mORF_-_3791835	3791835	3791840	-	4	6	ATG	TGA	0	0
mORF_-_3791867	3791867	3791896	-	6	30	TTG	TAG	0	0
mORF_-_3791883	3791883	3792122	-	4	240	TTG	TAG	0	0
mORF_-_3791897	3791897	3791911	-	6	15	GTG	TAA	0	0
mORF_-_3791914	3791914	3792315	-	5	402	GTG	TAG	0	0
mORF_-_3792156	3792156	3792287	-	4	132	TTG	TAG	0	0
mORF_-_3792291	3792291	3792302	-	4	12	TTG	TGA	0	0
mORF_-_3792315	3792315	3792365	-	4	51	GTG	TAG	0	0
mORF_-_3792366	3792366	3792380	-	4	15	GTG	TAG	0	0
mORF_-_3792389	3792389	3792439	-	6	51	TTG	TAA	0	0
mORF_-_3792436	3792436	3792570	-	5	135	ATG	TGA	0	0
mORF_-_3792507	3792507	3792515	-	4	9	TTG	TAA	0	0
mORF_-_3792519	3792519	3792632	-	4	114	TTG	TAA	0	0
mORF_-_3792584	3792584	3792601	-	6	18	GTG	TAA	0	0
mORF_-_3792598	3792598	3793005	-	5	408	TTG	TGA	0	0
mORF_-_3792645	3792645	3792710	-	4	66	TTG	TAG	0	0
mORF_-_3792768	3792768	3792794	-	4	27	ATG	TGA	0	0
mORF_-_3792825	3792825	3792836	-	4	12	GTG	TGA	0	0
mORF_-_3792833	3792833	3792853	-	6	21	TTG	TGA	0	0
mORF_-_3792870	3792870	3792992	-	4	123	ATG	TAA	0	0
mORF_-_3792884	3792884	3793081	-	6	198	ATG	TGA	0	0
mORF_-_3793011	3793011	3793019	-	4	9	GTG	TAG	0	0
mORF_-_3793084	3793084	3793173	-	5	90	ATG	TAA	0	0
mORF_-_3793131	3793131	3793163	-	4	33	TTG	TGA	0	0
mORF_-_3793203	3793203	3793226	-	4	24	TTG	TAG	0	0
mORF_-_3793223	3793223	3793234	-	6	12	ATG	TGA	0	0
mORF_-_3793234	3793234	3793263	-	5	30	ATG	TAA	0	0
mORF_-_3793260	3793260	3793268	-	4	9	GTG	TGA	0	0
mORF_-_3793290	3793290	3793304	-	4	15	TTG	TAG	0	0
mORF_-_3793339	3793339	3793398	-	5	60	TTG	TAG	0	0
mORF_-_3793368	3793368	3793391	-	4	24	GTG	TAG	0	0
mORF_-_3793382	3793382	3793702	-	6	321	GTG	TAA	0	0
mORF_-_3793453	3793453	3793470	-	5	18	TTG	TGA	0	0
mORF_-_3793483	3793483	3793773	-	5	291	ATG	TGA	0	0
mORF_-_3793623	3793623	3793637	-	4	15	TTG	TGA	0	0
mORF_-_3793710	3793710	3793835	-	4	126	GTG	TGA	0	0
mORF_-_3793832	3793832	3793837	-	6	6	GTG	TGA	0	0
mORF_-_3793843	3793843	3793923	-	5	81	GTG	TAG	0	0

mORF_-_3793884	3793884	3793889	-	4	6	TTG	TGA	0	0	
mORF_-_3793920	3793920	3794228	-	4	309	TTG	TGA	0	0	
mORF_-_3793981	3793981	3794145	-	5	165	GTG	TAA	0	0	
mORF_-_3794018	3794018	3794062	-	6	45	GTG	TAA	0	0	
mORF_-_3794063	3794063	3794083	-	6	21	TTG	TGA	0	0	
mORF_-_3794093	3794093	3794128	-	6	36	GTG	TAA	0	0	
mORF_-_3794162	3794162	3794176	-	6	15	TTG	TAA	0	0	
mORF_-_3794245	3794245	3794352	-	5	108	TTG	TAG	0	0	
mORF_-_3794270	3794270	3794407	-	6	138	TTG	TAA	0	0	
mORF_-_3794280	3794280	3794342	-	4	63	ATG	TGA	0	0	
mORF_-_3794368	3794368	3794595	-	5	228	GTG	TAA	0	0	
mORF_-_3794382	3794382	3794387	-	4	6	TTG	TAA	0	0	
mORF_-_3794397	3794397	3794450	-	4	54	TTG	TGA	0	0	
mORF_-_3794460	3794460	3794468	-	4	9	TTG	TAG	0	0	
mORF_-_3794492	3794492	3794500	-	6	9	GTG	TAG	0	0	
mORF_-_3794626	3794626	3794664	-	5	39	ATG	TGA	0	0	
mORF_-_3794703	3794703	3794831	-	4	129	GTG	TAA	0	0	
mORF_-_3794762	3794762	3794812	-	6	51	GTG	TAG	0	0	
mORF_-_3794791	3794791	3794799	-	5	9	ATG	TAA	0	0	
mORF_-_3794828	3794828	3794902	-	6	75	TTG	TGA	0	0	
mORF_-_3794880	3794880	3794924	-	4	45	TTG	TGA	0	0	
mORF_-_3794911	3794911	3794931	-	5	21	TTG	TAA	0	0	
mORF_-_3794921	3794921	3794980	-	6	60	ATG	TGA	0	0	
mORF_-_3794928	3794928	3794972	-	4	45	ATG	TGA	0	0	
mORF_-_3794974	3794974	3794994	-	5	21	ATG	TAG	0	0	
mORF_-_3794984	3794984	3795079	-	6	96	ATG	TAA	0	0	
mORF_-_3795006	3795006	3795011	-	4	6	GTG	TAA	0	0	
mORF_-_3795045	3795045	3795119	-	4	75	GTG	TAA	0	0	
mORF_-_3795122	3795122	3795142	-	6	21	GTG	TAG	0	0	
mORF_-_3795148	3795148	3795162	-	5	15	TTG	TAA	0	0	
mORF_-_3795226	3795226	3795282	-	5	57	ATG	TAA	0	0	
mORF_-_3795245	3795245	3795265	-	6	21	ATG	TAA	0	0	
mORF_-_3795285	3795285	3795437	-	4	153	ATG	TAA	0	0	
mORF_-_3795323	3795323	3795340	-	6	18	GTG	TAA	0	0	
mORF_-_3795344	3795344	3795421	-	6	78	TTG	TAG	0	0	
mORF_-_3795403	3795403	3795441	-	5	39	ATG	TAG	0	0	
mORF_-_3795428	3795428	3795499	-	6	72	TTG	TAA	0	0	
mORF_-_3795438	3795438	3795455	-	4	18	ATG	TGA	0	0	
mORF_-_3795502	3795502	3795552	-	5	51	ATG	TAG	0	0	
mORF_-_3795539	3795539	3795619	-	6	81	TTG	TAG	0	0	
mORF_-_3795601	3795601	3795609	-	5	9	TTG	TAG	0	0	
mORF_-_3795635	3795635	3795679	-	6	45	GTG	TAG	0	0	
mORF_-_3795666	3795666	3795731	-	4	66	ATG	TAA	0	0	
mORF_-_3795743	3795743	3795778	-	6	36	ATG	TAA	0	0	
mORF_-_3795795	3795795	3796037	-	4	243	GTG	TAA	0	0	
mORF_-_3795815	3795815	3795841	-	6	27	TTG	TAA	0	0	
mORF_-_3795866	3795866	3795886	-	6	21	ATG	TGA	0	0	
mORF_-_3795887	3795887	3795958	-	6	72	ATG	TAA	0	0	
mORF_-_3795925	3795925	3795939	-	5	15	GTG	TAA	0	0	
mORF_-_3795946	3795946	3795978	-	5	33	ATG	TAG	0	0	
mORF_-_3795968	3795968	3796072	-	6	105	ATG	TAG	0	0	
mORF_-_3795979	3795979	3795984	-	5	6	ATG	TAG	0	0	
mORF_-_3796062	3796062	3796217	-	4	156	TTG	TAA	0	0	
mORF_-_3796142	3796142	3796165	-	6	24	TTG	TGA	0	0	
mORF_-_3796202	3796202	3796222	-	6	21	TTG	TAA	0	0	
mORF_-_3796223	3796223	3796240	-	6	18	TTG	TAA	0	0	
mORF_-_3796227	3796227	3796265	-	4	39	GTG	TAA	0	0	
mORF_-_3796262	3796262	3797335	-	6	1074	ATG	TGA	3	11	pORF_-_3796262
mORF_-_3796269	3796269	3796280	-	4	12	TTG	TAA	0	0	
mORF_-_3796362	3796362	3796382	-	4	21	TTG	TAA	0	0	
mORF_-_3796384	3796384	3796497	-	5	114	GTG	TAA	0	0	
mORF_-_3796507	3796507	3796557	-	5	51	TTG	TGA	0	0	
mORF_-_3796570	3796570	3796617	-	5	48	TTG	TGA	0	0	

mORF_-_3796648	3796648	3796686	-	5	39	GTG	TAA	0	0	
mORF_-_3796656	3796656	3796673	-	4	18	ATG	TGA	0	0	
mORF_-_3796705	3796705	3796722	-	5	18	TTG	TAG	0	0	
mORF_-_3796732	3796732	3796749	-	5	18	ATG	TAA	0	0	
mORF_-_3796750	3796750	3796797	-	5	48	ATG	TAG	0	0	
mORF_-_3796791	3796791	3796850	-	4	60	ATG	TGA	0	0	
mORF_-_3796843	3796843	3796899	-	5	57	TTG	TAA	0	0	
mORF_-_3796884	3796884	3796892	-	4	9	TTG	TAA	0	0	
mORF_-_3796936	3796936	3796968	-	5	33	TTG	TAA	0	0	
mORF_-_3796975	3796975	3797097	-	5	123	GTG	TAG	0	0	
mORF_-_3797010	3797010	3797015	-	4	6	ATG	TAA	0	0	
mORF_-_3797119	3797119	3797148	-	5	30	GTG	TAA	0	0	
mORF_-_3797161	3797161	3797169	-	5	9	TTG	TAA	0	0	
mORF_-_3797170	3797170	3797196	-	5	27	ATG	TAA	0	0	
mORF_-_3797193	3797193	3797210	-	4	18	ATG	TGA	0	0	
mORF_-_3797277	3797277	3797378	-	4	102	ATG	TAA	0	0	
mORF_-_3797338	3797338	3797346	-	5	9	ATG	TAA	0	0	
mORF_-_3797368	3797368	3798219	-	5	852	ATG	TAA	0	0	
mORF_-_3797418	3797418	3797441	-	4	24	GTG	TGA	0	0	
mORF_-_3797469	3797469	3797495	-	4	27	ATG	TAA	0	0	
mORF_-_3797523	3797523	3797534	-	4	12	ATG	TAA	0	0	
mORF_-_3797577	3797577	3797612	-	4	36	ATG	TAA	0	0	
mORF_-_3797634	3797634	3797753	-	4	120	TTG	TAA	0	0	
mORF_-_3797639	3797639	3797653	-	6	15	TTG	TGA	0	0	
mORF_-_3797669	3797669	3797722	-	6	54	TTG	TAA	0	0	
mORF_-_3797732	3797732	3797746	-	6	15	TTG	TAG	0	0	
mORF_-_3797835	3797835	3797936	-	4	102	TTG	TAA	0	0	
mORF_-_3797943	3797943	3798023	-	4	81	ATG	TAG	0	0	
mORF_-_3798048	3798048	3798173	-	4	126	TTG	TAA	0	0	
mORF_-_3798174	3798174	3798200	-	4	27	TTG	TGA	0	0	
mORF_-_3798248	3798248	3798271	-	6	24	ATG	TAA	0	0	
mORF_-_3798290	3798290	3798988	-	6	699	ATG	TAA	5	18	pORF_-_3798290
mORF_-_3798364	3798364	3798381	-	5	18	ATG	TAG	0	0	
mORF_-_3798403	3798403	3798480	-	5	78	ATG	TAG	0	0	
mORF_-_3798484	3798484	3798543	-	5	60	ATG	TAA	0	0	
mORF_-_3798568	3798568	3798597	-	5	30	GTG	TAA	0	0	
mORF_-_3798594	3798594	3798599	-	4	6	GTG	TGA	0	0	
mORF_-_3798604	3798604	3798615	-	5	12	TTG	TAG	0	0	
mORF_-_3798628	3798628	3798687	-	5	60	ATG	TGA	0	0	
mORF_-_3798697	3798697	3798753	-	5	57	GTG	TAA	0	0	
mORF_-_3798817	3798817	3798864	-	5	48	TTG	TGA	0	0	
mORF_-_3798889	3798889	3798912	-	5	24	ATG	TAA	0	0	
mORF_-_3798913	3798913	3798957	-	5	45	TTG	TAA	0	0	
mORF_-_3799006	3799006	3800022	-	5	1017	GTG	TAA	1	2	pORF_-_3799006
mORF_-_3799010	3799010	3799030	-	6	21	TTG	TAA	0	0	
mORF_-_3799077	3799077	3799139	-	4	63	ATG	TAG	0	0	
mORF_-_3799169	3799169	3799210	-	6	42	GTG	TAA	0	0	
mORF_-_3799179	3799179	3799223	-	4	45	GTG	TAA	0	0	
mORF_-_3799290	3799290	3799328	-	4	39	GTG	TAA	0	0	
mORF_-_3799353	3799353	3799364	-	4	12	ATG	TGA	0	0	
mORF_-_3799365	3799365	3799397	-	4	33	ATG	TGA	0	0	
mORF_-_3799445	3799445	3799453	-	6	9	ATG	TGA	0	0	
mORF_-_3799464	3799464	3799580	-	4	117	ATG	TAG	0	0	
mORF_-_3799581	3799581	3799655	-	4	75	TTG	TAA	0	0	
mORF_-_3799616	3799616	3799621	-	6	6	TTG	TAA	0	0	
mORF_-_3799652	3799652	3799732	-	6	81	GTG	TGA	0	0	
mORF_-_3799659	3799659	3799682	-	4	24	TTG	TAA	0	0	
mORF_-_3799770	3799770	3799850	-	4	81	TTG	TAA	0	0	
mORF_-_3799869	3799869	3799895	-	4	27	GTG	TAA	0	0	
mORF_-_3799896	3799896	3799937	-	4	42	ATG	TAG	0	0	
mORF_-_3799913	3799913	3799945	-	6	33	ATG	TAA	0	0	
mORF_-_3800001	3800001	3800024	-	4	24	TTG	TAG	0	0	
mORF_-_3800033	3800033	3800041	-	6	9	ATG	TAA	0	0	

mORF_-_3800062	3800062	3801081	-	5	1020	ATG	TAA	1	3	pORF_-_3800062
mORF_-_3800070	3800070	3800081	-	4	12	TTG	TAA	0	0	
mORF_-_3800165	3800165	3800257	-	6	93	TTG	TAG	0	0	
mORF_-_3800178	3800178	3800261	-	4	84	ATG	TGA	0	0	
mORF_-_3800409	3800409	3800417	-	4	9	ATG	TAA	0	0	
mORF_-_3800445	3800445	3800459	-	4	15	ATG	TAA	0	0	
mORF_-_3800456	3800456	3800503	-	6	48	ATG	TGA	0	0	
mORF_-_3800460	3800460	3800471	-	4	12	TTG	TAA	0	0	
mORF_-_3800517	3800517	3800564	-	4	48	GTG	TGA	0	0	
mORF_-_3800546	3800546	3800590	-	6	45	GTG	TAA	0	0	
mORF_-_3800565	3800565	3800615	-	4	51	TTG	TAG	0	0	
mORF_-_3800652	3800652	3800804	-	4	153	ATG	TAA	0	0	
mORF_-_3800660	3800660	3800677	-	6	18	TTG	TGA	0	0	
mORF_-_3800717	3800717	3800767	-	6	51	TTG	TAA	0	0	
mORF_-_3800808	3800808	3800921	-	4	114	ATG	TGA	0	0	
mORF_-_3800885	3800885	3800905	-	6	21	GTG	TGA	0	0	
mORF_-_3800921	3800921	3800956	-	6	36	TTG	TAA	0	0	
mORF_-_3800928	3800928	3800984	-	4	57	ATG	TAA	0	0	
mORF_-_3800975	3800975	3801001	-	6	27	TTG	TGA	0	0	
mORF_-_3801015	3801015	3801035	-	4	21	TTG	TAG	0	0	
mORF_-_3801081	3801081	3802190	-	4	1110	GTG	TAA	2	4	pORF_-_3801081
mORF_-_3801110	3801110	3801196	-	6	87	GTG	TAA	0	0	
mORF_-_3801221	3801221	3801343	-	6	123	TTG	TAA	0	0	
mORF_-_3801283	3801283	3801330	-	5	48	GTG	TGA	0	0	
mORF_-_3801350	3801350	3801391	-	6	42	GTG	TGA	0	0	
mORF_-_3801392	3801392	3801466	-	6	75	TTG	TGA	0	0	
mORF_-_3801400	3801400	3801441	-	5	42	TTG	TGA	0	0	
mORF_-_3801470	3801470	3801595	-	6	126	TTG	TAA	0	0	
mORF_-_3801478	3801478	3801495	-	5	18	ATG	TAG	0	0	
mORF_-_3801599	3801599	3801691	-	6	93	ATG	TGA	0	0	
mORF_-_3801707	3801707	3801712	-	6	6	GTG	TAG	0	0	
mORF_-_3801752	3801752	3801787	-	6	36	ATG	TAG	0	0	
mORF_-_3801781	3801781	3801819	-	5	39	ATG	TGA	0	0	
mORF_-_3801800	3801800	3801868	-	6	69	TTG	TAG	0	0	
mORF_-_3801881	3801881	3801889	-	6	9	TTG	TGA	0	0	
mORF_-_3801886	3801886	3801927	-	5	42	ATG	TGA	0	0	
mORF_-_3801928	3801928	3801993	-	5	66	ATG	TAA	0	0	
mORF_-_3801932	3801932	3801940	-	6	9	ATG	TAA	0	0	
mORF_-_3801968	3801968	3802123	-	6	156	TTG	TAG	0	0	
mORF_-_3802000	3802000	3802017	-	5	18	ATG	TAA	0	0	
mORF_-_3802036	3802036	3802044	-	5	9	TTG	TAA	0	0	
mORF_-_3802204	3802204	3803139	-	5	936	ATG	TAA	1	2	pORF_-_3802204
mORF_-_3802212	3802212	3802229	-	4	18	TTG	TAG	0	0	
mORF_-_3802239	3802239	3802274	-	4	36	ATG	TGA	0	0	
mORF_-_3802311	3802311	3802331	-	4	21	ATG	TAG	0	0	
mORF_-_3802316	3802316	3802324	-	6	9	TTG	TAA	0	0	
mORF_-_3802338	3802338	3802382	-	4	45	ATG	TAA	0	0	
mORF_-_3802398	3802398	3802427	-	4	30	TTG	TAA	0	0	
mORF_-_3802464	3802464	3802475	-	4	12	TTG	TAA	0	0	
mORF_-_3802476	3802476	3802487	-	4	12	ATG	TAA	0	0	
mORF_-_3802488	3802488	3802532	-	4	45	TTG	TAA	0	0	
mORF_-_3802533	3802533	3802577	-	4	45	ATG	TGA	0	0	
mORF_-_3802589	3802589	3802594	-	6	6	ATG	TAA	0	0	
mORF_-_3802617	3802617	3802625	-	4	9	ATG	TAG	0	0	
mORF_-_3802629	3802629	3802718	-	4	90	ATG	TAA	0	0	
mORF_-_3802649	3802649	3802669	-	6	21	ATG	TGA	0	0	
mORF_-_3802743	3802743	3802763	-	4	21	ATG	TAG	0	0	
mORF_-_3802767	3802767	3802838	-	4	72	TTG	TAG	0	0	
mORF_-_3802881	3802881	3802922	-	4	42	ATG	TAA	0	0	
mORF_-_3802932	3802932	3802994	-	4	63	ATG	TAA	0	0	
mORF_-_3802952	3802952	3802990	-	6	39	ATG	TGA	0	0	
mORF_-_3803097	3803097	3803114	-	4	18	TTG	TAA	0	0	
mORF_-_3803102	3803102	3803119	-	6	18	TTG	TGA	0	0	

mORF_-_3803147	3803147	3803161	-	6	15	ATG	TAA	0	0	
mORF_-_3803176	3803176	3803973	-	5	798	ATG	TAA	0	0	
mORF_-_3803235	3803235	3803282	-	4	48	TTG	TGA	0	0	
mORF_-_3803319	3803319	3803327	-	4	9	TTG	TGA	0	0	
mORF_-_3803331	3803331	3803354	-	4	24	TTG	TGA	0	0	
mORF_-_3803355	3803355	3803393	-	4	39	GTG	TGA	0	0	
mORF_-_3803430	3803430	3803438	-	4	9	ATG	TAA	0	0	
mORF_-_3803435	3803435	3803479	-	6	45	TTG	TGA	0	0	
mORF_-_3803535	3803535	3803540	-	4	6	GTG	TAG	0	0	
mORF_-_3803547	3803547	3803609	-	4	63	TTG	TGA	0	0	
mORF_-_3803570	3803570	3803599	-	6	30	TTG	TGA	0	0	
mORF_-_3803667	3803667	3803690	-	4	24	TTG	TAA	0	0	
mORF_-_3803697	3803697	3803720	-	4	24	GTG	TGA	0	0	
mORF_-_3803717	3803717	3803824	-	6	108	ATG	TGA	0	0	
mORF_-_3803802	3803802	3803885	-	4	84	GTG	TAA	0	0	
mORF_-_3803901	3803901	3803951	-	4	51	TTG	TGA	0	0	
mORF_-_3803930	3803930	3803941	-	6	12	TTG	TAA	0	0	
mORF_-_3803961	3803961	3803969	-	4	9	TTG	TAA	0	0	
mORF_-_3803966	3803966	3805090	-	6	1125	ATG	TGA	0	0	
mORF_-_3803974	3803974	3804051	-	5	78	ATG	TAG	0	0	
mORF_-_3804085	3804085	3804108	-	5	24	ATG	TAA	0	0	
mORF_-_3804109	3804109	3804183	-	5	75	GTG	TAA	0	0	
mORF_-_3804132	3804132	3804185	-	4	54	ATG	TGA	0	0	
mORF_-_3804289	3804289	3804447	-	5	159	TTG	TAA	0	0	
mORF_-_3804457	3804457	3804486	-	5	30	TTG	TAG	0	0	
mORF_-_3804514	3804514	3804564	-	5	51	GTG	TAA	0	0	
mORF_-_3804667	3804667	3804720	-	5	54	ATG	TGA	0	0	
mORF_-_3804708	3804708	3804788	-	4	81	TTG	TGA	0	0	
mORF_-_3804739	3804739	3805053	-	5	315	TTG	TAA	0	0	
mORF_-_3804942	3804942	3804971	-	4	30	GTG	TGA	0	0	
mORF_-_3805065	3805065	3805121	-	4	57	ATG	TAA	0	0	
mORF_-_3805087	3805087	3806157	-	5	1071	GTG	TGA	3	9	pORF_-_3805087
mORF_-_3805152	3805152	3805295	-	4	144	TTG	TGA	0	0	
mORF_-_3805317	3805317	3805379	-	4	63	TTG	TGA	0	0	
mORF_-_3805380	3805380	3805460	-	4	81	ATG	TAA	0	0	
mORF_-_3805409	3805409	3805444	-	6	36	TTG	TAA	0	0	
mORF_-_3805457	3805457	3805468	-	6	12	TTG	TGA	0	0	
mORF_-_3805461	3805461	3805493	-	4	33	GTG	TAG	0	0	
mORF_-_3805497	3805497	3805604	-	4	108	ATG	TAA	0	0	
mORF_-_3805556	3805556	3805567	-	6	12	GTG	TAA	0	0	
mORF_-_3805568	3805568	3805657	-	6	90	TTG	TAA	0	0	
mORF_-_3805614	3805614	3805628	-	4	15	ATG	TAA	0	0	
mORF_-_3805704	3805704	3805739	-	4	36	TTG	TAG	0	0	
mORF_-_3805733	3805733	3805867	-	6	135	GTG	TGA	0	0	
mORF_-_3805761	3805761	3805808	-	4	48	ATG	TAG	0	0	
mORF_-_3805824	3805824	3805907	-	4	84	GTG	TGA	0	0	
mORF_-_3805920	3805920	3805961	-	4	42	GTG	TGA	0	0	
mORF_-_3805971	3805971	3806054	-	4	84	ATG	TAA	0	0	
mORF_-_3806094	3806094	3806111	-	4	18	ATG	TAA	0	0	
mORF_-_3806190	3806190	3806207	-	4	18	GTG	TAA	0	0	
mORF_-_3806209	3806209	3806226	-	5	18	TTG	TAG	0	0	
mORF_-_3806223	3806223	3806252	-	4	30	GTG	TGA	0	0	
mORF_-_3806266	3806266	3806424	-	5	159	ATG	TAG	0	0	
mORF_-_3806274	3806274	3806318	-	4	45	TTG	TGA	0	0	
mORF_-_3806382	3806382	3806414	-	4	33	TTG	TAG	0	0	
mORF_-_3806411	3806411	3806434	-	6	24	TTG	TGA	0	0	
mORF_-_3806459	3806459	3806542	-	6	84	ATG	TGA	0	0	
mORF_-_3806479	3806479	3806526	-	5	48	ATG	TAA	0	0	
mORF_-_3806517	3806517	3806546	-	4	30	ATG	TAG	0	0	
mORF_-_3806554	3806554	3806694	-	5	141	ATG	TAG	0	0	
mORF_-_3806577	3806577	3806582	-	4	6	GTG	TAA	0	0	
mORF_-_3806685	3806685	3806714	-	4	30	ATG	TAA	0	0	
mORF_-_3806698	3806698	3806781	-	5	84	ATG	TAG	0	0	

mORF_-_3806714	3806714	3806755	-	6	42	TTG	TAA	0	0	
mORF_-_3806784	3806784	3806816	-	4	33	ATG	TAA	0	0	
mORF_-_3806794	3806794	3806871	-	5	78	GTG	TAA	0	0	
mORF_-_3806801	3806801	3806902	-	6	102	GTG	TAA	0	0	
mORF_-_3806874	3806874	3806906	-	4	33	TTG	TAA	0	0	
mORF_-_3806983	3806983	3807318	-	5	336	ATG	TAG	0	0	
mORF_-_3807048	3807048	3807056	-	4	9	TTG	TAA	0	0	
mORF_-_3807092	3807092	3807151	-	6	60	TTG	TAA	0	0	
mORF_-_3807159	3807159	3807281	-	4	123	GTG	TGA	0	0	
mORF_-_3807218	3807218	3807325	-	6	108	ATG	TAG	0	0	
mORF_-_3807318	3807318	3807356	-	4	39	ATG	TGA	0	0	
mORF_-_3807328	3807328	3807336	-	5	9	TTG	TAA	0	0	
mORF_-_3807346	3807346	3807372	-	5	27	ATG	TAA	0	0	
mORF_-_3807423	3807423	3807719	-	4	297	GTG	TAG	0	0	
mORF_-_3807428	3807428	3807586	-	6	159	GTG	TGA	0	0	
mORF_-_3807541	3807541	3807615	-	5	75	ATG	TGA	0	0	
mORF_-_3807626	3807626	3807658	-	6	33	TTG	TAA	0	0	
mORF_-_3807686	3807686	3807697	-	6	12	TTG	TAG	0	0	
mORF_-_3807712	3807712	3807774	-	5	63	TTG	TAA	0	0	
mORF_-_3807716	3807716	3808030	-	6	315	ATG	TGA	0	0	
mORF_-_3807787	3807787	3807837	-	5	51	ATG	TAG	0	0	
mORF_-_3807865	3807865	3807894	-	5	30	TTG	TAA	0	0	
mORF_-_3807898	3807898	3807924	-	5	27	GTG	TGA	0	0	
mORF_-_3807984	3807984	3808022	-	4	39	TTG	TAA	0	0	
mORF_-_3808064	3808064	3808171	-	6	108	GTG	TAA	0	0	
mORF_-_3808224	3808224	3808235	-	4	12	ATG	TAA	0	0	
mORF_-_3808232	3808232	3808300	-	6	69	ATG	TGA	0	0	
mORF_-_3808261	3808261	3808275	-	5	15	GTG	TGA	0	0	
mORF_-_3808272	3808272	3808508	-	4	237	GTG	TGA	0	0	
mORF_-_3808300	3808300	3808362	-	5	63	ATG	TGA	0	0	
mORF_-_3808331	3808331	3808387	-	6	57	TTG	TAA	0	0	
mORF_-_3808366	3808366	3809175	-	5	810	ATG	TAA	1	2	pORF_-_3808366
mORF_-_3808412	3808412	3808447	-	6	36	GTG	TAA	0	0	
mORF_-_3808524	3808524	3808547	-	4	24	TTG	TGA	0	0	
mORF_-_3808581	3808581	3808664	-	4	84	ATG	TAG	0	0	
mORF_-_3808589	3808589	3808594	-	6	6	GTG	TGA	0	0	
mORF_-_3808694	3808694	3808708	-	6	15	GTG	TAA	0	0	
mORF_-_3808701	3808701	3808790	-	4	90	TTG	TGA	0	0	
mORF_-_3808712	3808712	3808738	-	6	27	GTG	TAA	0	0	
mORF_-_3808797	3808797	3808844	-	4	48	TTG	TGA	0	0	
mORF_-_3808805	3808805	3808831	-	6	27	GTG	TAA	0	0	
mORF_-_3808887	3808887	3808907	-	4	21	ATG	TGA	0	0	
mORF_-_3809043	3809043	3809120	-	4	78	TTG	TAA	0	0	
mORF_-_3809133	3809133	3809228	-	4	96	TTG	TAG	0	0	
mORF_-_3809168	3809168	3809206	-	6	39	TTG	TGA	0	0	
mORF_-_3809203	3809203	3809217	-	5	15	TTG	TGA	0	0	
mORF_-_3809256	3809256	3809264	-	4	9	TTG	TAA	0	0	
mORF_-_3809273	3809273	3809440	-	6	168	ATG	TAA	28	1144	pORF_-_3809273
mORF_-_3809299	3809299	3809316	-	5	18	TTG	TGA	0	0	
mORF_-_3809332	3809332	3809424	-	5	93	GTG	TGA	0	0	
mORF_-_3809433	3809433	3809483	-	4	51	GTG	TAA	0	0	
mORF_-_3809461	3809461	3809697	-	5	237	ATG	TAA	47	2067	pORF_-_3809461
mORF_-_3809523	3809523	3809579	-	4	57	TTG	TAA	0	0	
mORF_-_3809651	3809651	3809710	-	6	60	TTG	TAA	0	0	
mORF_-_3809700	3809700	3809717	-	4	18	TTG	TAG	0	0	
mORF_-_3809761	3809761	3809811	-	5	51	TTG	TAA	0	0	
mORF_-_3809783	3809783	3810001	-	6	219	TTG	TAG	0	0	
mORF_-_3809830	3809830	3809907	-	5	78	ATG	TGA	0	0	
mORF_-_3809868	3809868	3809960	-	4	93	TTG	TGA	0	0	
mORF_-_3809914	3809914	3810588	-	5	675	GTG	TAA	0	0	
mORF_-_3810009	3810009	3810077	-	4	69	TTG	TAA	0	0	
mORF_-_3810047	3810047	3810055	-	6	9	TTG	TGA	0	0	
mORF_-_3810102	3810102	3810143	-	4	42	ATG	TAA	0	0	

mORF_-_3810207	3810207	3810233	-	4	27	GTG	TGA	0	0	
mORF_-_3810264	3810264	3810335	-	4	72	TTG	TGA	0	0	
mORF_-_3810342	3810342	3810395	-	4	54	ATG	TAA	0	0	
mORF_-_3810405	3810405	3810416	-	4	12	ATG	TAA	0	0	
mORF_-_3810456	3810456	3810512	-	4	57	ATG	TAA	0	0	
mORF_-_3810516	3810516	3810533	-	4	18	TTG	TAA	0	0	
mORF_-_3810524	3810524	3810691	-	6	168	GTG	TAG	0	0	
mORF_-_3810585	3810585	3810608	-	4	24	ATG	TGA	0	0	
mORF_-_3810646	3810646	3810978	-	5	333	ATG	TGA	0	0	
mORF_-_3810678	3810678	3810722	-	4	45	TTG	TGA	0	0	
mORF_-_3810732	3810732	3810755	-	4	24	ATG	TGA	0	0	
mORF_-_3810788	3810788	3810883	-	6	96	TTG	TAA	0	0	
mORF_-_3810807	3810807	3810896	-	4	90	GTG	TAG	0	0	
mORF_-_3810893	3810893	3810901	-	6	9	GTG	TGA	0	0	
mORF_-_3810924	3810924	3811196	-	4	273	ATG	TAA	0	0	
mORF_-_3811003	3811003	3811161	-	5	159	ATG	TAA	0	0	
mORF_-_3811091	3811091	3811096	-	6	6	GTG	TAG	0	0	
mORF_-_3811218	3811218	3811325	-	4	108	ATG	TGA	0	0	
mORF_-_3811261	3811261	3811386	-	5	126	GTG	TAA	0	0	
mORF_-_3811383	3811383	3811448	-	4	66	GTG	TGA	0	0	
mORF_-_3811445	3811445	3811483	-	6	39	GTG	TGA	0	0	
mORF_-_3811471	3811471	3811557	-	5	87	TTG	TAG	0	0	
mORF_-_3811590	3811590	3811637	-	4	48	GTG	TAA	0	0	
mORF_-_3811622	3811622	3811657	-	6	36	TTG	TGA	0	0	
mORF_-_3811667	3811667	3811828	-	6	162	TTG	TAA	0	0	
mORF_-_3811702	3811702	3811833	-	5	132	TTG	TAG	0	0	
mORF_-_3811830	3811830	3811907	-	4	78	TTG	TGA	0	0	
mORF_-_3811838	3811838	3812125	-	6	288	ATG	TAA	0	0	
mORF_-_3811858	3811858	3811863	-	5	6	GTG	TAA	0	0	
mORF_-_3811891	3811891	3811923	-	5	33	TTG	TAA	0	0	
mORF_-_3812017	3812017	3812094	-	5	78	GTG	TAA	0	0	
mORF_-_3812094	3812094	3812150	-	4	57	TTG	TAG	0	0	
mORF_-_3812138	3812138	3812413	-	6	276	GTG	TGA	0	0	
mORF_-_3812266	3812266	3812283	-	5	18	ATG	TGA	0	0	
mORF_-_3812284	3812284	3812367	-	5	84	GTG	TGA	0	0	
mORF_-_3812340	3812340	3812435	-	4	96	ATG	TAA	0	0	
mORF_-_3812404	3812404	3812448	-	5	45	TTG	TGA	0	0	
mORF_-_3812432	3812432	3812518	-	6	87	ATG	TGA	0	0	
mORF_-_3812499	3812499	3812852	-	4	354	ATG	TGA	0	0	
mORF_-_3812564	3812564	3812845	-	6	282	GTG	TGA	0	0	
mORF_-_3812611	3812611	3812658	-	5	48	GTG	TGA	0	0	
mORF_-_3812849	3812849	3812893	-	6	45	TTG	TGA	0	0	
mORF_-_3812856	3812856	3812882	-	4	27	TTG	TAG	0	0	
mORF_-_3812890	3812890	3813030	-	5	141	GTG	TGA	0	0	
mORF_-_3812966	3812966	3813229	-	6	264	TTG	TAA	0	0	
mORF_-_3813049	3813049	3813102	-	5	54	GTG	TAA	0	0	
mORF_-_3813150	3813150	3813806	-	4	657	ATG	TAA	16	42	pORF_-_3813150
mORF_-_3813257	3813257	3813283	-	6	27	TTG	TGA	0	0	
mORF_-_3813338	3813338	3813364	-	6	27	ATG	TGA	0	0	
mORF_-_3813413	3813413	3813421	-	6	9	ATG	TGA	0	0	
mORF_-_3813431	3813431	3813607	-	6	177	TTG	TAA	0	0	
mORF_-_3813716	3813716	3813733	-	6	18	TTG	TGA	0	0	
mORF_-_3813737	3813737	3813766	-	6	30	TTG	TAA	0	0	
mORF_-_3813803	3813803	3813841	-	6	39	ATG	TGA	0	0	
mORF_-_3813808	3813808	3813825	-	5	18	TTG	TAA	0	0	
mORF_-_3813816	3813816	3813980	-	4	165	TTG	TAG	0	0	
mORF_-_3813886	3813886	3814596	-	5	711	TTG	TAG	6	4	pORF_-_3813886
mORF_-_3814011	3814011	3814040	-	4	30	TTG	TGA	0	0	
mORF_-_3814037	3814037	3814057	-	6	21	TTG	TGA	0	0	
mORF_-_3814071	3814071	3814076	-	4	6	TTG	TGA	0	0	
mORF_-_3814122	3814122	3814157	-	4	36	ATG	TGA	0	0	
mORF_-_3814158	3814158	3814250	-	4	93	GTG	TAG	0	0	
mORF_-_3814266	3814266	3814286	-	4	21	GTG	TAG	0	0	

mORF_-_3814293	3814293	3814346	-	4	54	GTG	TGA	0	0
mORF_-_3814419	3814419	3814505	-	4	87	ATG	TGA	0	0
mORF_-_3814442	3814442	3814459	-	6	18	GTG	TGA	0	0
mORF_-_3814524	3814524	3814610	-	4	87	ATG	TGA	0	0
mORF_-_3814610	3814610	3814651	-	6	42	ATG	TAA	0	0
mORF_-_3814635	3814635	3814646	-	4	12	TTG	TAG	0	0
mORF_-_3814658	3814658	3814672	-	6	15	GTG	TAG	0	0
mORF_-_3814681	3814681	3814923	-	5	243	TTG	TAA	0	0
mORF_-_3814719	3814719	3814739	-	4	21	TTG	TAG	0	0
mORF_-_3814736	3814736	3814759	-	6	24	TTG	TGA	0	0
mORF_-_3814899	3814899	3815075	-	4	177	ATG	TAG	0	0
mORF_-_3815026	3815026	3815370	-	5	345	ATG	TAG	0	0
mORF_-_3815120	3815120	3815161	-	6	42	ATG	TAA	0	0
mORF_-_3815145	3815145	3815204	-	4	60	TTG	TGA	0	0
mORF_-_3815201	3815201	3815326	-	6	126	GTG	TGA	0	0
mORF_-_3815274	3815274	3815375	-	4	102	TTG	TGA	0	0
mORF_-_3815382	3815382	3815507	-	4	126	ATG	TAG	0	0
mORF_-_3815480	3815480	3815575	-	6	96	TTG	TGA	0	0
mORF_-_3815547	3815547	3815642	-	4	96	ATG	TGA	0	0
mORF_-_3815579	3815579	3815608	-	6	30	GTG	TAA	0	0
mORF_-_3815593	3815593	3815697	-	5	105	GTG	TGA	0	0
mORF_-_3815609	3815609	3815719	-	6	111	GTG	TGA	0	0
mORF_-_3815643	3815643	3815783	-	4	141	TTG	TGA	0	0
mORF_-_3815716	3815716	3815721	-	5	6	TTG	TGA	0	0
mORF_-_3815738	3815738	3815845	-	6	108	TTG	TAA	0	0
mORF_-_3815746	3815746	3815760	-	5	15	TTG	TAA	0	0
mORF_-_3815767	3815767	3815772	-	5	6	ATG	TGA	0	0
mORF_-_3815823	3815823	3815855	-	4	33	TTG	TAA	0	0
mORF_-_3815849	3815849	3815860	-	6	12	TTG	TGA	0	0
mORF_-_3815882	3815882	3815896	-	6	15	GTG	TGA	0	0
mORF_-_3815893	3815893	3815922	-	5	30	TTG	TGA	0	0
mORF_-_3815898	3815898	3815951	-	4	54	TTG	TAA	0	0
mORF_-_3815909	3815909	3815962	-	6	54	ATG	TAA	0	0
mORF_-_3815944	3815944	3816024	-	5	81	ATG	TGA	0	0
mORF_-_3815985	3815985	3816014	-	4	30	ATG	TGA	0	0
mORF_-_3816014	3816014	3816286	-	6	273	ATG	TAA	0	0
mORF_-_3816046	3816046	3816087	-	5	42	ATG	TAA	0	0
mORF_-_3816103	3816103	3816273	-	5	171	ATG	TAA	0	0
mORF_-_3816111	3816111	3816152	-	4	42	ATG	TAG	0	0
mORF_-_3816153	3816153	3816236	-	4	84	GTG	TAA	0	0
mORF_-_3816311	3816311	3816373	-	6	63	ATG	TAA	0	0
mORF_-_3816324	3816324	3816383	-	4	60	TTG	TAG	0	0
mORF_-_3816370	3816370	3816510	-	5	141	ATG	TGA	0	0
mORF_-_3816380	3816380	3816418	-	6	39	TTG	TGA	0	0
mORF_-_3816432	3816432	3816476	-	4	45	GTG	TGA	0	0
mORF_-_3816452	3816452	3816505	-	6	54	TTG	TGA	0	0
mORF_-_3816511	3816511	3816696	-	5	186	GTG	TGA	0	0
mORF_-_3816591	3816591	3816680	-	4	90	TTG	TAA	0	0
mORF_-_3816614	3816614	3816658	-	6	45	TTG	TAG	0	0
mORF_-_3816722	3816722	3816814	-	6	93	TTG	TAG	0	0
mORF_-_3816793	3816793	3816798	-	5	6	ATG	TGA	0	0
mORF_-_3816801	3816801	3816806	-	4	6	TTG	TAG	0	0
mORF_-_3816811	3816811	3816858	-	5	48	TTG	TGA	0	0
mORF_-_3816827	3816827	3816856	-	6	30	GTG	TAA	0	0
mORF_-_3816863	3816863	3817012	-	6	150	GTG	TAG	0	0
mORF_-_3816903	3816903	3816908	-	4	6	GTG	TAA	0	0
mORF_-_3816928	3816928	3816984	-	5	57	ATG	TAA	0	0
mORF_-_3816997	3816997	3817017	-	5	21	TTG	TAA	0	0
mORF_-_3817029	3817029	3817235	-	4	207	GTG	TGA	0	0
mORF_-_3817055	3817055	3817123	-	6	69	GTG	TAG	0	0
mORF_-_3817145	3817145	3817378	-	6	234	ATG	TAA	0	0
mORF_-_3817201	3817201	3817242	-	5	42	TTG	TGA	0	0
mORF_-_3817243	3817243	3817356	-	5	114	ATG	TAA	0	0

mORF_-_3817353	3817353	3817406	-	4	54	ATG	TGA	0	0
mORF_-_3817391	3817391	3817426	-	6	36	GTG	TAG	0	0
mORF_-_3817468	3817468	3817689	-	5	222	ATG	TAA	0	0
mORF_-_3817479	3817479	3817511	-	4	33	GTG	TAA	0	0
mORF_-_3817511	3817511	3819199	-	6	1689	GTG	TAG	0	0
mORF_-_3817518	3817518	3817586	-	4	69	ATG	TGA	0	0
mORF_-_3817726	3817726	3817785	-	5	60	GTG	TGA	0	0
mORF_-_3817761	3817761	3817775	-	4	15	ATG	TAA	0	0
mORF_-_3817831	3817831	3817917	-	5	87	TTG	TAA	0	0
mORF_-_3817857	3817857	3817889	-	4	33	TTG	TGA	0	0
mORF_-_3817896	3817896	3817970	-	4	75	TTG	TGA	0	0
mORF_-_3817942	3817942	3817983	-	5	42	TTG	TAG	0	0
mORF_-_3817993	3817993	3818151	-	5	159	TTG	TGA	0	0
mORF_-_3818001	3818001	3818051	-	4	51	GTG	TAA	0	0
mORF_-_3818106	3818106	3818126	-	4	21	GTG	TGA	0	0
mORF_-_3818155	3818155	3818238	-	5	84	TTG	TGA	0	0
mORF_-_3818226	3818226	3818396	-	4	171	GTG	TAA	0	0
mORF_-_3818251	3818251	3818262	-	5	12	TTG	TGA	0	0
mORF_-_3818269	3818269	3818355	-	5	87	TTG	TAG	0	0
mORF_-_3818356	3818356	3818427	-	5	72	ATG	TAG	0	0
mORF_-_3818431	3818431	3818439	-	5	9	GTG	TGA	0	0
mORF_-_3818493	3818493	3818522	-	4	30	ATG	TGA	0	0
mORF_-_3818500	3818500	3818532	-	5	33	TTG	TAA	0	0
mORF_-_3818578	3818578	3818604	-	5	27	ATG	TGA	0	0
mORF_-_3818746	3818746	3818754	-	5	9	ATG	TGA	0	0
mORF_-_3818803	3818803	3818820	-	5	18	TTG	TAA	0	0
mORF_-_3818817	3818817	3818837	-	4	21	TTG	TGA	0	0
mORF_-_3818844	3818844	3818861	-	4	18	GTG	TAG	0	0
mORF_-_3818866	3818866	3818931	-	5	66	ATG	TAA	0	0
mORF_-_3818877	3818877	3818984	-	4	108	GTG	TAA	0	0
mORF_-_3818947	3818947	3818970	-	5	24	TTG	TGA	0	0
mORF_-_3819001	3819001	3819057	-	5	57	ATG	TAA	0	0
mORF_-_3819054	3819054	3819317	-	4	264	TTG	TGA	0	0
mORF_-_3819215	3819215	3819370	-	6	156	TTG	TGA	0	0
mORF_-_3819295	3819295	3819357	-	5	63	TTG	TAA	0	0
mORF_-_3819330	3819330	3819347	-	4	18	TTG	TAG	0	0
mORF_-_3819374	3819374	3819382	-	6	9	GTG	TAG	0	0
mORF_-_3819379	3819379	3819459	-	5	81	TTG	TGA	0	0
mORF_-_3819432	3819432	3819452	-	4	21	ATG	TGA	0	0
mORF_-_3819449	3819449	3819574	-	6	126	GTG	TGA	0	0
mORF_-_3819456	3819456	3819464	-	4	9	GTG	TGA	0	0
mORF_-_3819513	3819513	3819572	-	4	60	GTG	TGA	0	0
mORF_-_3819523	3819523	3819534	-	5	12	TTG	TAA	0	0
mORF_-_3819562	3819562	3819801	-	5	240	GTG	TGA	0	0
mORF_-_3819693	3819693	3819833	-	4	141	TTG	TAG	0	0
mORF_-_3819853	3819853	3820041	-	5	189	ATG	TAG	0	0
mORF_-_3819867	3819867	3819887	-	4	21	ATG	TGA	0	0
mORF_-_3819884	3819884	3819892	-	6	9	TTG	TGA	0	0
mORF_-_3819942	3819942	3820019	-	4	78	ATG	TAA	0	0
mORF_-_3820038	3820038	3820058	-	4	21	TTG	TGA	0	0
mORF_-_3820048	3820048	3820092	-	5	45	ATG	TAA	0	0
mORF_-_3820052	3820052	3820135	-	6	84	GTG	TGA	0	0
mORF_-_3820099	3820099	3820110	-	5	12	GTG	TGA	0	0
mORF_-_3820123	3820123	3820347	-	5	225	TTG	TAA	0	0
mORF_-_3820212	3820212	3820310	-	4	99	TTG	TGA	0	0
mORF_-_3820366	3820366	3820371	-	5	6	TTG	TAA	0	0
mORF_-_3820382	3820382	3820408	-	6	27	GTG	TAG	0	0
mORF_-_3820405	3820405	3820533	-	5	129	TTG	TGA	0	0
mORF_-_3820461	3820461	3820484	-	4	24	TTG	TAG	0	0
mORF_-_3820481	3820481	3820543	-	6	63	TTG	TGA	0	0
mORF_-_3820540	3820540	3820848	-	5	309	GTG	TGA	0	0
mORF_-_3820554	3820554	3820586	-	4	33	ATG	TAG	0	0
mORF_-_3820608	3820608	3820664	-	4	57	GTG	TAG	0	0

mORF_-_3820665	3820665	3820895	-	4	231	ATG	TAG	0	0	
mORF_-_3820826	3820826	3820870	-	6	45	GTG	TGA	0	0	
mORF_-_3820867	3820867	3820935	-	5	69	GTG	TGA	0	0	
mORF_-_3820917	3820917	3821000	-	4	84	TTG	TAA	0	0	
mORF_-_3820939	3820939	3822828	-	5	1890	ATG	TAA	1	2	pORF_-_3820939
mORF_-_3821004	3821004	3821045	-	4	42	TTG	TAA	0	0	
mORF_-_3821151	3821151	3821171	-	4	21	TTG	TAA	0	0	
mORF_-_3821184	3821184	3821201	-	4	18	ATG	TGA	0	0	
mORF_-_3821202	3821202	3821237	-	4	36	GTG	TAG	0	0	
mORF_-_3821222	3821222	3821317	-	6	96	TTG	TGA	0	0	
mORF_-_3821241	3821241	3821276	-	4	36	TTG	TAA	0	0	
mORF_-_3821301	3821301	3821312	-	4	12	ATG	TAG	0	0	
mORF_-_3821331	3821331	3821345	-	4	15	GTG	TGA	0	0	
mORF_-_3821468	3821468	3821476	-	6	9	GTG	TAG	0	0	
mORF_-_3821586	3821586	3821612	-	4	27	ATG	TAA	0	0	
mORF_-_3821594	3821594	3821695	-	6	102	GTG	TGA	0	0	
mORF_-_3821742	3821742	3821828	-	4	87	TTG	TGA	0	0	
mORF_-_3821835	3821835	3821894	-	4	60	TTG	TGA	0	0	
mORF_-_3821891	3821891	3822076	-	6	186	TTG	TGA	0	0	
mORF_-_3821946	3821946	3822128	-	4	183	GTG	TGA	0	0	
mORF_-_3822234	3822234	3822326	-	4	93	TTG	TAG	0	0	
mORF_-_3822323	3822323	3822361	-	6	39	TTG	TGA	0	0	
mORF_-_3822330	3822330	3822371	-	4	42	GTG	TGA	0	0	
mORF_-_3822420	3822420	3822515	-	4	96	GTG	TAG	0	0	
mORF_-_3822536	3822536	3822559	-	6	24	GTG	TAA	0	0	
mORF_-_3822552	3822552	3822623	-	4	72	TTG	TAA	0	0	
mORF_-_3822644	3822644	3822763	-	6	120	GTG	TAA	0	0	
mORF_-_3822681	3822681	3822773	-	4	93	ATG	TGA	0	0	
mORF_-_3822789	3822789	3822809	-	4	21	ATG	TGA	0	0	
mORF_-_3822794	3822794	3822823	-	6	30	TTG	TGA	0	0	
mORF_-_3822864	3822864	3822914	-	4	51	GTG	TAA	0	0	
mORF_-_3822911	3822911	3822925	-	6	15	ATG	TGA	0	0	
mORF_-_3822939	3822939	3823007	-	4	69	ATG	TGA	0	0	
mORF_-_3822997	3822997	3823263	-	5	267	GTG	TGA	0	0	
mORF_-_3823004	3823004	3823135	-	6	132	TTG	TGA	0	0	
mORF_-_3823026	3823026	3823067	-	4	42	ATG	TGA	0	0	
mORF_-_3823110	3823110	3823142	-	4	33	TTG	TAG	0	0	
mORF_-_3823152	3823152	3823166	-	4	15	TTG	TAA	0	0	
mORF_-_3823208	3823208	3823318	-	6	111	TTG	TAG	0	0	
mORF_-_3823264	3823264	3823293	-	5	30	GTG	TGA	0	0	
mORF_-_3823272	3823272	3823325	-	4	54	ATG	TAG	0	0	
mORF_-_3823344	3823344	3823379	-	4	36	ATG	TAA	0	0	
mORF_-_3823361	3823361	3823375	-	6	15	GTG	TAG	0	0	
mORF_-_3823382	3823382	3823390	-	6	9	ATG	TAG	0	0	
mORF_-_3823398	3823398	3823622	-	4	225	GTG	TAG	0	0	
mORF_-_3823412	3823412	3823525	-	6	114	TTG	TAA	0	0	
mORF_-_3823528	3823528	3823590	-	5	63	TTG	TGA	0	0	
mORF_-_3823577	3823577	3823678	-	6	102	GTG	TAA	0	0	
mORF_-_3823675	3823675	3823848	-	5	174	GTG	TGA	0	0	
mORF_-_3823685	3823685	3823939	-	6	255	ATG	TAA	0	0	
mORF_-_3823794	3823794	3823799	-	4	6	TTG	TGA	0	0	
mORF_-_3823812	3823812	3823838	-	4	27	GTG	TAG	0	0	
mORF_-_3823854	3823854	3823928	-	4	75	GTG	TAG	0	0	
mORF_-_3823933	3823933	3823962	-	5	30	GTG	TGA	0	0	
mORF_-_3823947	3823947	3823973	-	4	27	ATG	TAA	0	0	
mORF_-_3823970	3823970	3824332	-	6	363	ATG	TGA	0	0	
mORF_-_3824025	3824025	3824180	-	4	156	GTG	TAA	0	0	
mORF_-_3824032	3824032	3824367	-	5	336	GTG	TGA	0	0	
mORF_-_3824214	3824214	3824663	-	4	450	GTG	TAA	0	0	
mORF_-_3824342	3824342	3824374	-	6	33	ATG	TGA	0	0	
mORF_-_3824416	3824416	3824460	-	5	45	ATG	TAA	0	0	
mORF_-_3824498	3824498	3824671	-	6	174	ATG	TGA	0	0	
mORF_-_3824506	3824506	3824541	-	5	36	TTG	TGA	0	0	

mORF_-_3824644	3824644	3824691	-	5	48	ATG	TGA	0	0	
mORF_-_3824684	3824684	3824881	-	6	198	GTG	TGA	0	0	
mORF_-_3824775	3824775	3824855	-	4	81	TTG	TAG	0	0	
mORF_-_3824848	3824848	3824883	-	5	36	TTG	TAA	0	0	
mORF_-_3824862	3824862	3824867	-	4	6	GTG	TAG	0	0	
mORF_-_3824964	3824964	3825104	-	4	141	TTG	TAA	0	0	
mORF_-_3825023	3825023	3825145	-	6	123	GTG	TAG	0	0	
mORF_-_3825169	3825169	3825339	-	5	171	ATG	TAA	0	0	
mORF_-_3825183	3825183	3825254	-	4	72	TTG	TAA	0	0	
mORF_-_3825341	3825341	3825379	-	6	39	GTG	TGA	0	0	
mORF_-_3825381	3825381	3825407	-	4	27	TTG	TAG	0	0	
mORF_-_3825397	3825397	3825462	-	5	66	GTG	TAA	0	0	
mORF_-_3825465	3825465	3825479	-	4	15	ATG	TAG	0	0	
mORF_-_3825476	3825476	3825493	-	6	18	TTG	TGA	0	0	
mORF_-_3825483	3825483	3826688	-	4	1206	ATG	TAA	1	4	pORF_-_3825483
mORF_-_3825521	3825521	3825688	-	6	168	ATG	TAA	0	0	
mORF_-_3825604	3825604	3825801	-	5	198	GTG	TGA	0	0	
mORF_-_3825704	3825704	3825730	-	6	27	ATG	TGA	0	0	
mORF_-_3825845	3825845	3825877	-	6	33	TTG	TAA	0	0	
mORF_-_3825920	3825920	3825991	-	6	72	TTG	TGA	0	0	
mORF_-_3826004	3826004	3826018	-	6	15	TTG	TGA	0	0	
mORF_-_3826019	3826019	3826036	-	6	18	TTG	TGA	0	0	
mORF_-_3826055	3826055	3826105	-	6	51	ATG	TGA	0	0	
mORF_-_3826136	3826136	3826165	-	6	30	TTG	TGA	0	0	
mORF_-_3826166	3826166	3826243	-	6	78	TTG	TGA	0	0	
mORF_-_3826252	3826252	3826260	-	5	9	GTG	TAA	0	0	
mORF_-_3826316	3826316	3826327	-	6	12	TTG	TGA	0	0	
mORF_-_3826331	3826331	3826363	-	6	33	ATG	TAG	0	0	
mORF_-_3826370	3826370	3826393	-	6	24	TTG	TGA	0	0	
mORF_-_3826394	3826394	3826438	-	6	45	TTG	TGA	0	0	
mORF_-_3826448	3826448	3826456	-	6	9	TTG	TGA	0	0	
mORF_-_3826478	3826478	3826504	-	6	27	TTG	TAA	0	0	
mORF_-_3826538	3826538	3826573	-	6	36	TTG	TAG	0	0	
mORF_-_3826624	3826624	3826737	-	5	114	ATG	TAA	0	0	
mORF_-_3826643	3826643	3826660	-	6	18	TTG	TGA	0	0	
mORF_-_3826710	3826710	3826730	-	4	21	ATG	TGA	0	0	
mORF_-_3826727	3826727	3826756	-	6	30	ATG	TGA	0	0	
mORF_-_3826760	3826760	3826795	-	6	36	TTG	TAG	0	0	
mORF_-_3826800	3826800	3826817	-	4	18	TTG	TGA	0	0	
mORF_-_3826807	3826807	3826848	-	5	42	TTG	TAA	0	0	
mORF_-_3826852	3826852	3826869	-	5	18	ATG	TAA	0	0	
mORF_-_3826870	3826870	3826878	-	5	9	ATG	TAA	0	0	
mORF_-_3826879	3826879	3826905	-	5	27	TTG	TAA	0	0	
mORF_-_3826931	3826931	3826981	-	6	51	GTG	TAG	0	0	
mORF_-_3826989	3826989	3827093	-	4	105	ATG	TGA	0	0	
mORF_-_3827087	3827087	3827179	-	6	93	ATG	TGA	0	0	
mORF_-_3827119	3827119	3827163	-	5	45	GTG	TGA	0	0	
mORF_-_3827154	3827154	3827420	-	4	267	ATG	TAA	0	0	
mORF_-_3827182	3827182	3827214	-	5	33	ATG	TAA	0	0	
mORF_-_3827267	3827267	3827434	-	6	168	ATG	TGA	0	0	
mORF_-_3827344	3827344	3827385	-	5	42	TTG	TAG	0	0	
mORF_-_3827470	3827470	3827553	-	5	84	GTG	TAA	0	0	
mORF_-_3827489	3827489	3827509	-	6	21	ATG	TGA	0	0	
mORF_-_3827519	3827519	3827542	-	6	24	GTG	TAA	0	0	
mORF_-_3827589	3827589	3827612	-	4	24	TTG	TAA	0	0	
mORF_-_3827602	3827602	3827640	-	5	39	GTG	TAA	0	0	
mORF_-_3827621	3827621	3827704	-	6	84	TTG	TAA	0	0	
mORF_-_3827637	3827637	3828089	-	4	453	GTG	TGA	0	0	
mORF_-_3827728	3827728	3827739	-	5	12	TTG	TAA	0	0	
mORF_-_3827750	3827750	3827980	-	6	231	TTG	TAA	0	0	
mORF_-_3827833	3827833	3827913	-	5	81	TTG	TGA	0	0	
mORF_-_3827944	3827944	3828117	-	5	174	TTG	TAA	0	0	
mORF_-_3828014	3828014	3828139	-	6	126	ATG	TAG	0	0	

mORF_-_3828236	3828236	3828364	-	6	129	GTG	TGA	0	0
mORF_-_3828313	3828313	3828345	-	5	33	GTG	TAA	0	0
mORF_-_3828382	3828382	3828444	-	5	63	ATG	TAA	0	0
mORF_-_3828396	3828396	3828461	-	4	66	ATG	TGA	0	0
mORF_-_3828452	3828452	3828481	-	6	30	ATG	TAA	0	0
mORF_-_3828506	3828506	3828517	-	6	12	ATG	TAG	0	0
mORF_-_3828525	3828525	3828662	-	4	138	ATG	TAA	0	0
mORF_-_3828583	3828583	3828657	-	5	75	ATG	TGA	0	0
mORF_-_3828659	3828659	3828838	-	6	180	TTG	TGA	0	0
mORF_-_3828679	3828679	3828765	-	5	87	GTG	TGA	0	0
mORF_-_3828738	3828738	3828770	-	4	33	ATG	TAG	0	0
mORF_-_3828828	3828828	3828854	-	4	27	TTG	TAG	0	0
mORF_-_3828871	3828871	3828942	-	5	72	TTG	TAA	0	0
mORF_-_3828977	3828977	3829384	-	6	408	ATG	TGA	0	0
mORF_-_3829069	3829069	3829212	-	5	144	ATG	TAG	0	0
mORF_-_3829101	3829101	3829142	-	4	42	TTG	TAA	0	0
mORF_-_3829173	3829173	3829178	-	4	6	TTG	TAG	0	0
mORF_-_3829212	3829212	3829400	-	4	189	ATG	TAA	0	0
mORF_-_3829324	3829324	3829347	-	5	24	GTG	TGA	0	0
mORF_-_3829385	3829385	3829696	-	6	312	GTG	TAA	0	0
mORF_-_3829486	3829486	3829605	-	5	120	GTG	TGA	0	0
mORF_-_3829494	3829494	3829583	-	4	90	TTG	TGA	0	0
mORF_-_3829614	3829614	3829742	-	4	129	ATG	TAA	0	0
mORF_-_3829709	3829709	3829720	-	6	12	TTG	TAA	0	0
mORF_-_3829732	3829732	3829794	-	5	63	ATG	TAA	0	0
mORF_-_3829739	3829739	3829903	-	6	165	GTG	TGA	0	0
mORF_-_3829858	3829858	3829875	-	5	18	ATG	TGA	0	0
mORF_-_3829876	3829876	3829938	-	5	63	GTG	TAA	0	0
mORF_-_3829914	3829914	3829982	-	4	69	TTG	TGA	0	0
mORF_-_3829931	3829931	3830023	-	6	93	TTG	TGA	0	0
mORF_-_3830001	3830001	3830129	-	4	129	TTG	TAA	0	0
mORF_-_3830051	3830051	3830059	-	6	9	TTG	TGA	0	0
mORF_-_3830080	3830080	3830112	-	5	33	TTG	TAA	0	0
mORF_-_3830126	3830126	3830146	-	6	21	ATG	TGA	0	0
mORF_-_3830164	3830164	3830229	-	5	66	ATG	TAA	0	0
mORF_-_3830193	3830193	3830237	-	4	45	TTG	TGA	0	0
mORF_-_3830242	3830242	3832560	-	5	2319	ATG	TAA	0	0
mORF_-_3830256	3830256	3830264	-	4	9	ATG	TGA	0	0
mORF_-_3830277	3830277	3830327	-	4	51	ATG	TGA	0	0
mORF_-_3830300	3830300	3830353	-	6	54	GTG	TGA	0	0
mORF_-_3830334	3830334	3830381	-	4	48	GTG	TGA	0	0
mORF_-_3830430	3830430	3830576	-	4	147	ATG	TGA	0	0
mORF_-_3830468	3830468	3830518	-	6	51	GTG	TGA	0	0
mORF_-_3830589	3830589	3830714	-	4	126	TTG	TGA	0	0
mORF_-_3830633	3830633	3830647	-	6	15	GTG	TGA	0	0
mORF_-_3830730	3830730	3830759	-	4	30	GTG	TAG	0	0
mORF_-_3830756	3830756	3830761	-	6	6	TTG	TGA	0	0
mORF_-_3830799	3830799	3830837	-	4	39	GTG	TGA	0	0
mORF_-_3830834	3830834	3830863	-	6	30	ATG	TGA	0	0
mORF_-_3830865	3830865	3831332	-	4	468	TTG	TGA	0	0
mORF_-_3830903	3830903	3830917	-	6	15	GTG	TGA	0	0
mORF_-_3830951	3830951	3830980	-	6	30	GTG	TAG	0	0
mORF_-_3831104	3831104	3831115	-	6	12	TTG	TAA	0	0
mORF_-_3831188	3831188	3831217	-	6	30	GTG	TGA	0	0
mORF_-_3831275	3831275	3831283	-	6	9	GTG	TGA	0	0
mORF_-_3831320	3831320	3831328	-	6	9	TTG	TAA	0	0
mORF_-_3831329	3831329	3831373	-	6	45	ATG	TGA	0	0
mORF_-_3831354	3831354	3831401	-	4	48	ATG	TGA	0	0
mORF_-_3831398	3831398	3831424	-	6	27	ATG	TGA	0	0
mORF_-_3831425	3831425	3831439	-	6	15	ATG	TAA	0	0
mORF_-_3831581	3831581	3831604	-	6	24	GTG	TGA	0	0
mORF_-_3831591	3831591	3831608	-	4	18	TTG	TGA	0	0
mORF_-_3831605	3831605	3831619	-	6	15	GTG	TGA	0	0

mORF_-_3831630	3831630	3831689	-	4	60	ATG	TGA	0	0
mORF_-_3831644	3831644	3831763	-	6	120	GTG	TGA	0	0
mORF_-_3831741	3831741	3831950	-	4	210	GTG	TAA	0	0
mORF_-_3831905	3831905	3831919	-	6	15	GTG	TGA	0	0
mORF_-_3832023	3832023	3832151	-	4	129	ATG	TAG	0	0
mORF_-_3832158	3832158	3832229	-	4	72	GTG	TGA	0	0
mORF_-_3832236	3832236	3832262	-	4	27	ATG	TAA	0	0
mORF_-_3832332	3832332	3832487	-	4	156	TTG	TGA	0	0
mORF_-_3832533	3832533	3832547	-	4	15	ATG	TGA	0	0
mORF_-_3832550	3832550	3832609	-	6	60	TTG	TAG	0	0
mORF_-_3832570	3832570	3834009	-	5	1440	ATG	TAA	0	0
mORF_-_3832695	3832695	3832865	-	4	171	TTG	TGA	0	0
mORF_-_3832878	3832878	3832892	-	4	15	ATG	TGA	0	0
mORF_-_3832886	3832886	3832936	-	6	51	GTG	TAA	0	0
mORF_-_3832947	3832947	3832970	-	4	24	TTG	TGA	0	0
mORF_-_3832971	3832971	3833018	-	4	48	TTG	TGA	0	0
mORF_-_3833033	3833033	3833062	-	6	30	GTG	TAG	0	0
mORF_-_3833078	3833078	3833083	-	6	6	ATG	TAA	0	0
mORF_-_3833094	3833094	3833120	-	4	27	TTG	TGA	0	0
mORF_-_3833121	3833121	3833159	-	4	39	TTG	TGA	0	0
mORF_-_3833126	3833126	3833266	-	6	141	GTG	TAA	0	0
mORF_-_3833199	3833199	3833210	-	4	12	GTG	TGA	0	0
mORF_-_3833244	3833244	3833330	-	4	87	TTG	TAA	0	0
mORF_-_3833339	3833339	3833356	-	6	18	TTG	TAA	0	0
mORF_-_3833367	3833367	3833435	-	4	69	TTG	TGA	0	0
mORF_-_3833457	3833457	3833537	-	4	81	ATG	TGA	0	0
mORF_-_3833544	3833544	3833621	-	4	78	ATG	TAA	0	0
mORF_-_3833637	3833637	3833834	-	4	198	TTG	TGA	0	0
mORF_-_3833657	3833657	3833710	-	6	54	GTG	TAG	0	0
mORF_-_3833720	3833720	3833764	-	6	45	TTG	TAA	0	0
mORF_-_3833868	3833868	3833945	-	4	78	GTG	TAA	0	0
mORF_-_3834062	3834062	3834094	-	6	33	ATG	TAA	0	0
mORF_-_3834081	3834081	3834101	-	4	21	ATG	TAA	0	0
mORF_-_3834091	3834091	3834282	-	5	192	TTG	TGA	0	0
mORF_-_3834098	3834098	3834364	-	6	267	TTG	TGA	0	0
mORF_-_3834279	3834279	3834383	-	4	105	TTG	TGA	0	0
mORF_-_3834380	3834380	3834406	-	6	27	TTG	TGA	0	0
mORF_-_3834396	3834396	3834413	-	4	18	TTG	TAG	0	0
mORF_-_3834403	3834403	3834516	-	5	114	GTG	TGA	0	0
mORF_-_3834410	3834410	3834586	-	6	177	ATG	TGA	0	0
mORF_-_3834435	3834435	3834503	-	4	69	ATG	TAG	0	0
mORF_-_3834605	3834605	3834622	-	6	18	GTG	TAA	0	0
mORF_-_3834642	3834642	3834689	-	4	48	TTG	TAG	0	0
mORF_-_3834693	3834693	3834722	-	4	30	ATG	TGA	0	0
mORF_-_3834723	3834723	3834761	-	4	39	TTG	TAA	0	0
mORF_-_3834731	3834731	3834739	-	6	9	TTG	TGA	0	0
mORF_-_3834758	3834758	3834772	-	6	15	ATG	TGA	0	0
mORF_-_3834769	3834769	3834819	-	5	51	ATG	TGA	0	0
mORF_-_3834813	3834813	3834839	-	4	27	TTG	TAA	0	0
mORF_-_3834836	3834836	3834868	-	6	33	ATG	TGA	0	0
mORF_-_3834862	3834862	3834897	-	5	36	TTG	TAG	0	0
mORF_-_3834884	3834884	3834919	-	6	36	ATG	TGA	0	0
mORF_-_3834904	3834904	3834912	-	5	9	TTG	TAA	0	0
mORF_-_3834942	3834942	3835019	-	4	78	GTG	TGA	0	0
mORF_-_3834946	3834946	3834981	-	5	36	TTG	TAA	0	0
mORF_-_3834989	3834989	3835003	-	6	15	TTG	TAG	0	0
mORF_-_3835016	3835016	3835030	-	6	15	ATG	TGA	0	0
mORF_-_3835071	3835071	3835145	-	4	75	GTG	TGA	0	0
mORF_-_3835084	3835084	3835206	-	5	123	TTG	TAG	0	0
mORF_-_3835172	3835172	3835189	-	6	18	TTG	TGA	0	0
mORF_-_3835176	3835176	3835283	-	4	108	TTG	TGA	0	0
mORF_-_3835284	3835284	3835400	-	4	117	ATG	TAG	0	0
mORF_-_3835289	3835289	3835339	-	6	51	TTG	TGA	0	0

mORF_-_3835300	3835300	3835371	-	5	72	GTG	TGA	0	0	
mORF_-_3835403	3835403	3835411	-	6	9	ATG	TGA	0	0	
mORF_-_3835442	3835442	3835474	-	6	33	TTG	TAA	0	0	
mORF_-_3835461	3835461	3835613	-	4	153	GTG	TAA	0	0	
mORF_-_3835502	3835502	3835561	-	6	60	TTG	TGA	0	0	
mORF_-_3835558	3835558	3835590	-	5	33	TTG	TGA	0	0	
mORF_-_3835583	3835583	3835657	-	6	75	TTG	TAA	0	0	
mORF_-_3835603	3835603	3835617	-	5	15	GTG	TAA	0	0	
mORF_-_3835680	3835680	3835685	-	4	6	ATG	TAG	0	0	
mORF_-_3835699	3835699	3835722	-	5	24	ATG	TAG	0	0	
mORF_-_3835800	3835800	3835838	-	4	39	ATG	TAA	0	0	
mORF_-_3835828	3835828	3835914	-	5	87	TTG	TAA	1	3	pORF_-_3835828
mORF_-_3835863	3835863	3835958	-	4	96	ATG	TAA	0	0	
mORF_-_3835919	3835919	3836026	-	6	108	GTG	TAA	0	0	
mORF_-_3836023	3836023	3836250	-	5	228	TTG	TGA	0	0	
mORF_-_3836157	3836157	3836165	-	4	9	GTG	TAA	0	0	
mORF_-_3836162	3836162	3836356	-	6	195	ATG	TGA	0	0	
mORF_-_3836175	3836175	3836198	-	4	24	TTG	TAG	0	0	
mORF_-_3836226	3836226	3836237	-	4	12	ATG	TGA	0	0	
mORF_-_3836331	3836331	3836363	-	4	33	TTG	TGA	0	0	
mORF_-_3836389	3836389	3836436	-	5	48	ATG	TAG	0	0	
mORF_-_3836433	3836433	3836477	-	4	45	ATG	TGA	0	0	
mORF_-_3836441	3836441	3836473	-	6	33	TTG	TGA	0	0	
mORF_-_3836474	3836474	3836758	-	6	285	ATG	TGA	0	0	
mORF_-_3836533	3836533	3836598	-	5	66	GTG	TGA	0	0	
mORF_-_3836544	3836544	3836588	-	4	45	TTG	TAG	0	0	
mORF_-_3836605	3836605	3836625	-	5	21	GTG	TAA	0	0	
mORF_-_3836665	3836665	3836898	-	5	234	TTG	TAG	0	0	
mORF_-_3836694	3836694	3836708	-	4	15	GTG	TAA	0	0	
mORF_-_3836783	3836783	3836791	-	6	9	GTG	TAG	0	0	
mORF_-_3836816	3836816	3836824	-	6	9	GTG	TAG	0	0	
mORF_-_3836826	3836826	3836993	-	4	168	TTG	TAA	0	0	
mORF_-_3836936	3836936	3837220	-	6	285	GTG	TAA	0	0	
mORF_-_3836947	3836947	3836967	-	5	21	ATG	TGA	0	0	
mORF_-_3836968	3836968	3837039	-	5	72	ATG	TAA	0	0	
mORF_-_3837082	3837082	3837141	-	5	60	TTG	TGA	0	0	
mORF_-_3837138	3837138	3837188	-	4	51	ATG	TGA	0	0	
mORF_-_3837198	3837198	3838016	-	4	819	ATG	TAA	33	316	pORF_-_3837198
mORF_-_3837284	3837284	3837298	-	6	15	ATG	TGA	0	0	
mORF_-_3837329	3837329	3837355	-	6	27	TTG	TGA	0	0	
mORF_-_3837419	3837419	3837439	-	6	21	ATG	TAG	0	0	
mORF_-_3837551	3837551	3837589	-	6	39	TTG	TAA	0	0	
mORF_-_3837632	3837632	3837685	-	6	54	TTG	TAA	0	0	
mORF_-_3837701	3837701	3837793	-	6	93	ATG	TAG	0	0	
mORF_-_3837821	3837821	3837898	-	6	78	ATG	TAG	0	0	
mORF_-_3837899	3837899	3837928	-	6	30	ATG	TAA	0	0	
mORF_-_3837934	3837934	3837948	-	5	15	TTG	TAG	0	0	
mORF_-_3838039	3838039	3838134	-	5	96	GTG	TAA	0	0	
mORF_-_3838086	3838086	3838253	-	4	168	GTG	TAG	0	0	
mORF_-_3838138	3838138	3838170	-	5	33	ATG	TAA	0	0	
mORF_-_3838192	3838192	3838197	-	5	6	GTG	TAG	0	0	
mORF_-_3838198	3838198	3838458	-	5	261	ATG	TAA	0	0	
mORF_-_3838205	3838205	3838219	-	6	15	ATG	TGA	0	0	
mORF_-_3838311	3838311	3838388	-	4	78	ATG	TAA	0	0	
mORF_-_3838349	3838349	3838354	-	6	6	TTG	TAA	0	0	
mORF_-_3838421	3838421	3838543	-	6	123	TTG	TGA	0	0	
mORF_-_3838480	3838480	3838488	-	5	9	TTG	TGA	0	0	
mORF_-_3838489	3838489	3838554	-	5	66	TTG	TAA	0	0	
mORF_-_3838572	3838572	3839927	-	4	1356	GTG	TGA	0	0	
mORF_-_3838655	3838655	3838807	-	6	153	TTG	TGA	0	0	
mORF_-_3838705	3838705	3838779	-	5	75	GTG	TAA	0	0	
mORF_-_3838811	3838811	3838843	-	5	33	TTG	TAA	0	0	
mORF_-_3838849	3838849	3838863	-	5	15	GTG	TAA	0	0	

mORF_-_3838868	3838868	3838882	-	6	15	GTG	TGA	0	0
mORF_-_3838922	3838922	3838981	-	6	60	TTG	TAA	0	0
mORF_-_3838933	3838933	3839205	-	5	273	GTG	TAA	0	0
mORF_-_3839000	3839000	3839008	-	6	9	ATG	TAA	0	0
mORF_-_3839030	3839030	3839065	-	6	36	TTG	TGA	0	0
mORF_-_3839108	3839108	3839113	-	6	6	GTG	TGA	0	0
mORF_-_3839216	3839216	3839239	-	6	24	ATG	TGA	0	0
mORF_-_3839230	3839230	3839247	-	5	18	TTG	TAA	0	0
mORF_-_3839261	3839261	3839287	-	6	27	TTG	TAG	0	0
mORF_-_3839288	3839288	3839299	-	6	12	TTG	TGA	0	0
mORF_-_3839366	3839366	3839419	-	6	54	GTG	TGA	0	0
mORF_-_3839426	3839426	3839452	-	6	27	TTG	TAA	0	0
mORF_-_3839477	3839477	3839566	-	6	90	TTG	TGA	0	0
mORF_-_3839579	3839579	3839596	-	6	18	TTG	TGA	0	0
mORF_-_3839633	3839633	3839659	-	6	27	TTG	TGA	0	0
mORF_-_3839656	3839656	3839682	-	5	27	TTG	TGA	0	0
mORF_-_3839666	3839666	3839758	-	6	93	GTG	TGA	0	0
mORF_-_3839759	3839759	3839779	-	6	21	ATG	TGA	0	0
mORF_-_3839767	3839767	3839802	-	5	36	GTG	TAA	0	0
mORF_-_3839804	3839804	3839827	-	6	24	ATG	TAA	0	0
mORF_-_3839828	3839828	3839842	-	6	15	TTG	TAA	0	0
mORF_-_3839846	3839846	3839893	-	6	48	TTG	TAA	0	0
mORF_-_3839920	3839920	3839976	-	5	57	TTG	TAA	0	0
mORF_-_3839936	3839936	3840037	-	6	102	ATG	TGA	0	0
mORF_-_3839973	3839973	3840452	-	4	480	ATG	TGA	0	0
mORF_-_3840052	3840052	3840147	-	5	96	ATG	TGA	0	0
mORF_-_3840077	3840077	3840313	-	6	237	ATG	TAG	0	0
mORF_-_3840365	3840365	3840388	-	6	24	TTG	TGA	0	0
mORF_-_3840449	3840449	3840562	-	6	114	ATG	TGA	0	0
mORF_-_3840478	3840478	3841890	-	5	1413	GTG	TAG	0	0
mORF_-_3840498	3840498	3840530	-	4	33	GTG	TGA	0	0
mORF_-_3840567	3840567	3840599	-	4	33	TTG	TGA	0	0
mORF_-_3840633	3840633	3840674	-	4	42	ATG	TGA	0	0
mORF_-_3840705	3840705	3840719	-	4	15	TTG	TGA	0	0
mORF_-_3840753	3840753	3840809	-	4	57	TTG	TAG	0	0
mORF_-_3840816	3840816	3840923	-	4	108	ATG	TGA	0	0
mORF_-_3840936	3840936	3840962	-	4	27	ATG	TGA	0	0
mORF_-_3840984	3840984	3840992	-	4	9	TTG	TAA	0	0
mORF_-_3840993	3840993	3841013	-	4	21	TTG	TAA	0	0
mORF_-_3841023	3841023	3841058	-	4	36	TTG	TGA	0	0
mORF_-_3841080	3841080	3841160	-	4	81	GTG	TAG	0	0
mORF_-_3841142	3841142	3841165	-	6	24	TTG	TGA	0	0
mORF_-_3841170	3841170	3841199	-	4	30	ATG	TGA	0	0
mORF_-_3841269	3841269	3841280	-	4	12	TTG	TAA	0	0
mORF_-_3841284	3841284	3841310	-	4	27	TTG	TGA	0	0
mORF_-_3841335	3841335	3841373	-	4	39	TTG	TAA	0	0
mORF_-_3841401	3841401	3841517	-	4	117	TTG	TGA	0	0
mORF_-_3841527	3841527	3841601	-	4	75	TTG	TGA	0	0
mORF_-_3841602	3841602	3841619	-	4	18	TTG	TGA	0	0
mORF_-_3841665	3841665	3841670	-	4	6	TTG	TGA	0	0
mORF_-_3841701	3841701	3841712	-	4	12	TTG	TGA	0	0
mORF_-_3841713	3841713	3841781	-	4	69	ATG	TGA	0	0
mORF_-_3841785	3841785	3841805	-	4	21	ATG	TGA	0	0
mORF_-_3841809	3841809	3841859	-	4	51	TTG	TGA	0	0
mORF_-_3841874	3841874	3841903	-	6	30	GTG	TGA	0	0
mORF_-_3841887	3841887	3841892	-	4	6	ATG	TGA	0	0
mORF_-_3841894	3841894	3841905	-	5	12	ATG	TGA	0	0
mORF_-_3841919	3841919	3841960	-	6	42	TTG	TAA	0	0
mORF_-_3841957	3841957	3842019	-	5	63	GTG	TGA	0	0
mORF_-_3842016	3842016	3842021	-	4	6	ATG	TGA	0	0
mORF_-_3842047	3842047	3842415	-	5	369	TTG	TAA	0	0
mORF_-_3842079	3842079	3842117	-	4	39	TTG	TAA	0	0
mORF_-_3842114	3842114	3842140	-	6	27	TTG	TGA	0	0

mORF_-_3842147	3842147	3842227	-	6	81	TTG	TAA	0	0
mORF_-_3842157	3842157	3842186	-	4	30	GTG	TAA	0	0
mORF_-_3842253	3842253	3842291	-	4	39	GTG	TGA	0	0
mORF_-_3842343	3842343	3842357	-	4	15	TTG	TGA	0	0
mORF_-_3842354	3842354	3842410	-	6	57	TTG	TGA	0	0
mORF_-_3842425	3842425	3842691	-	5	267	GTG	TAA	0	0
mORF_-_3842564	3842564	3842602	-	6	39	ATG	TAA	0	0
mORF_-_3842700	3842700	3842912	-	4	213	TTG	TGA	0	0
mORF_-_3842725	3842725	3842874	-	5	150	GTG	TAA	0	0
mORF_-_3842777	3842777	3842791	-	6	15	GTG	TGA	0	0
mORF_-_3842807	3842807	3842995	-	6	189	GTG	TAA	0	0
mORF_-_3842884	3842884	3842979	-	5	96	GTG	TAA	0	0
mORF_-_3842976	3842976	3843149	-	4	174	ATG	TGA	0	0
mORF_-_3842986	3842986	3843087	-	5	102	TTG	TAA	0	0
mORF_-_3843041	3843041	3843136	-	6	96	ATG	TGA	0	0
mORF_-_3843091	3843091	3843525	-	5	435	ATG	TAA	0	0
mORF_-_3843207	3843207	3843227	-	4	21	ATG	TAG	0	0
mORF_-_3843321	3843321	3843464	-	4	144	TTG	TAA	0	0
mORF_-_3843522	3843522	3843563	-	4	42	GTG	TGA	0	0
mORF_-_3843532	3843532	3843585	-	5	54	TTG	TAA	0	0
mORF_-_3843696	3843696	3843782	-	4	87	TTG	TGA	0	0
mORF_-_3843703	3843703	3843789	-	5	87	GTG	TAG	0	0
mORF_-_3843770	3843770	3843886	-	6	117	TTG	TGA	0	0
mORF_-_3843799	3843799	3845190	-	5	1392	ATG	TAA	0	0
mORF_-_3843873	3843873	3843962	-	4	90	TTG	TGA	0	0
mORF_-_3843975	3843975	3843998	-	4	24	TTG	TAG	0	0
mORF_-_3843999	3843999	3844079	-	4	81	TTG	TGA	0	0
mORF_-_3844080	3844080	3844166	-	4	87	GTG	TGA	0	0
mORF_-_3844182	3844182	3844280	-	4	99	TTG	TGA	0	0
mORF_-_3844232	3844232	3844249	-	6	18	GTG	TGA	0	0
mORF_-_3844310	3844310	3844399	-	6	90	GTG	TAA	0	0
mORF_-_3844320	3844320	3844376	-	4	57	ATG	TGA	0	0
mORF_-_3844422	3844422	3844439	-	4	18	TTG	TGA	0	0
mORF_-_3844433	3844433	3844450	-	6	18	GTG	TGA	0	0
mORF_-_3844455	3844455	3844580	-	4	126	TTG	TGA	0	0
mORF_-_3844581	3844581	3844682	-	4	102	TTG	TGA	0	0
mORF_-_3844724	3844724	3844765	-	6	42	GTG	TAA	0	0
mORF_-_3844794	3844794	3844811	-	4	18	TTG	TAA	0	0
mORF_-_3844815	3844815	3844853	-	4	39	GTG	TGA	0	0
mORF_-_3844826	3844826	3844870	-	6	45	TTG	TAG	0	0
mORF_-_3844884	3844884	3844958	-	4	75	ATG	TGA	0	0
mORF_-_3845042	3845042	3845122	-	6	81	GTG	TAA	0	0
mORF_-_3845175	3845175	3845225	-	4	51	ATG	TAA	0	0
mORF_-_3845194	3845194	3845274	-	5	81	TTG	TAA	0	0
mORF_-_3845290	3845290	3845640	-	5	351	GTG	TAA	0	0
mORF_-_3845328	3845328	3846653	-	4	1326	TTG	TGA	0	0
mORF_-_3845354	3845354	3845497	-	6	144	TTG	TGA	0	0
mORF_-_3845555	3845555	3845587	-	6	33	TTG	TAA	0	0
mORF_-_3845612	3845612	3845626	-	6	15	TTG	TGA	0	0
mORF_-_3845704	3845704	3845727	-	5	24	TTG	TAA	0	0
mORF_-_3845732	3845732	3845764	-	6	33	TTG	TAG	0	0
mORF_-_3845761	3845761	3845877	-	5	117	TTG	TGA	0	0
mORF_-_3845771	3845771	3845872	-	6	102	ATG	TGA	0	0
mORF_-_3845903	3845903	3845914	-	6	12	ATG	TGA	0	0
mORF_-_3845932	3845932	3845991	-	5	60	ATG	TAA	0	0
mORF_-_3845939	3845939	3845995	-	6	57	GTG	TGA	0	0
mORF_-_3845992	3845992	3846075	-	5	84	TTG	TGA	0	0
mORF_-_3846062	3846062	3846082	-	6	21	TTG	TAG	0	0
mORF_-_3846086	3846086	3846097	-	6	12	GTG	TGA	0	0
mORF_-_3846128	3846128	3846133	-	6	6	TTG	TGA	0	0
mORF_-_3846157	3846157	3846294	-	5	138	ATG	TAA	0	0
mORF_-_3846218	3846218	3846232	-	6	15	GTG	TAA	0	0
mORF_-_3846266	3846266	3846313	-	6	48	TTG	TGA	0	0

mORF_-_3846347	3846347	3846415	-	6	69	ATG	TAG	0	0	
mORF_-_3846437	3846437	3846478	-	6	42	TTG	TAG	0	0	
mORF_-_3846548	3846548	3846595	-	6	48	ATG	TGA	0	0	
mORF_-_3846608	3846608	3846619	-	6	12	ATG	TAA	0	0	
mORF_-_3846650	3846650	3846727	-	6	78	GTG	TGA	0	0	
mORF_-_3846657	3846657	3848162	-	4	1506	GTG	TAA	0	0	
mORF_-_3846737	3846737	3846814	-	6	78	TTG	TAA	0	0	
mORF_-_3846824	3846824	3846877	-	6	54	ATG	TGA	0	0	
mORF_-_3846881	3846881	3846886	-	6	6	TTG	TGA	0	0	
mORF_-_3846893	3846893	3846913	-	6	21	GTG	TGA	0	0	
mORF_-_3846941	3846941	3846982	-	6	42	TTG	TAA	0	0	
mORF_-_3846952	3846952	3846966	-	5	15	ATG	TGA	0	0	
mORF_-_3847013	3847013	3847048	-	6	36	ATG	TGA	0	0	
mORF_-_3847139	3847139	3847354	-	6	216	TTG	TGA	0	0	
mORF_-_3847327	3847327	3847479	-	5	153	TTG	TGA	0	0	
mORF_-_3847451	3847451	3847462	-	6	12	TTG	TGA	0	0	
mORF_-_3847463	3847463	3847582	-	6	120	TTG	TGA	0	0	
mORF_-_3847666	3847666	3847767	-	5	102	TTG	TAA	0	0	
mORF_-_3847730	3847730	3847744	-	6	15	ATG	TGA	0	0	
mORF_-_3847802	3847802	3847840	-	6	39	GTG	TAA	0	0	
mORF_-_3847891	3847891	3847998	-	5	108	ATG	TAG	0	0	
mORF_-_3848006	3848006	3848125	-	6	120	TTG	TAA	0	0	
mORF_-_3848059	3848059	3848172	-	5	114	TTG	TGA	0	0	
mORF_-_3848159	3848159	3848749	-	6	591	ATG	TGA	6	17	pORF_-_3848159
mORF_-_3848221	3848221	3848277	-	5	57	TTG	TGA	0	0	
mORF_-_3848284	3848284	3848328	-	5	45	GTG	TGA	0	0	
mORF_-_3848335	3848335	3848373	-	5	39	TTG	TAA	0	0	
mORF_-_3848383	3848383	3848490	-	5	108	TTG	TGA	0	0	
mORF_-_3848487	3848487	3848600	-	4	114	GTG	TGA	0	0	
mORF_-_3848551	3848551	3848661	-	5	111	TTG	TAA	0	0	
mORF_-_3848662	3848662	3848700	-	5	39	TTG	TAG	0	0	
mORF_-_3848673	3848673	3848813	-	4	141	TTG	TGA	0	0	
mORF_-_3848728	3848728	3848739	-	5	12	TTG	TAG	0	0	
mORF_-_3848825	3848825	3849115	-	6	291	ATG	TAA	17	249	pORF_-_3848825
mORF_-_3848887	3848887	3848895	-	5	9	ATG	TGA	0	0	
mORF_-_3848920	3848920	3849039	-	5	120	GTG	TGA	0	0	
mORF_-_3848943	3848943	3848996	-	4	54	TTG	TGA	0	0	
mORF_-_3849012	3849012	3849041	-	4	30	TTG	TAA	0	0	
mORF_-_3849088	3849088	3849198	-	5	111	ATG	TAA	0	0	
mORF_-_3849119	3849119	3850807	-	6	1689	ATG	TAA	77	1164	pORF_-_3849119
mORF_-_3849265	3849265	3849339	-	5	75	TTG	TGA	0	0	
mORF_-_3849403	3849403	3849435	-	5	33	GTG	TGA	0	0	
mORF_-_3849432	3849432	3849620	-	4	189	GTG	TGA	0	0	
mORF_-_3849466	3849466	3849567	-	5	102	GTG	TGA	0	0	
mORF_-_3849574	3849574	3849678	-	5	105	TTG	TGA	0	0	
mORF_-_3849660	3849660	3849734	-	4	75	GTG	TGA	0	0	
mORF_-_3849703	3849703	3849744	-	5	42	GTG	TAA	0	0	
mORF_-_3849741	3849741	3849773	-	4	33	GTG	TGA	0	0	
mORF_-_3849757	3849757	3849780	-	5	24	GTG	TAG	0	0	
mORF_-_3849805	3849805	3849960	-	5	156	GTG	TGA	0	0	
mORF_-_3850081	3850081	3850137	-	5	57	ATG	TGA	0	0	
mORF_-_3850141	3850141	3850146	-	5	6	GTG	TGA	0	0	
mORF_-_3850186	3850186	3850290	-	5	105	ATG	TGA	0	0	
mORF_-_3850293	3850293	3850490	-	4	198	TTG	TAA	0	0	
mORF_-_3850303	3850303	3850350	-	5	48	ATG	TAG	0	0	
mORF_-_3850492	3850492	3850524	-	5	33	TTG	TGA	0	0	
mORF_-_3850531	3850531	3850632	-	5	102	ATG	TGA	0	0	
mORF_-_3850669	3850669	3850677	-	5	9	ATG	TAA	0	0	
mORF_-_3850714	3850714	3850719	-	5	6	TTG	TGA	0	0	
mORF_-_3850849	3850849	3850944	-	5	96	GTG	TAA	0	0	
mORF_-_3850913	3850913	3851041	-	6	129	TTG	TAG	0	0	
mORF_-_3851035	3851035	3851052	-	5	18	TTG	TAA	0	0	
mORF_-_3851045	3851045	3851056	-	6	12	GTG	TAA	0	0	

mORF_-_3851061	3851061	3851201	-	4	141	GTG	TAA	0	0
mORF_-_3851087	3851087	3851116	-	6	30	GTG	TGA	0	0
mORF_-_3851113	3851113	3851199	-	5	87	GTG	TGA	0	0
mORF_-_3851168	3851168	3851317	-	6	150	TTG	TGA	0	0
mORF_-_3851206	3851206	3851259	-	5	54	GTG	TAA	0	0
mORF_-_3851274	3851274	3851282	-	4	9	ATG	TAA	0	0
mORF_-_3851347	3851347	3851403	-	5	57	GTG	TAG	0	0
mORF_-_3851403	3851403	3851459	-	4	57	GTG	TAG	0	0
mORF_-_3851432	3851432	3851479	-	6	48	GTG	TGA	0	0
mORF_-_3851440	3851440	3851457	-	5	18	GTG	TAA	0	0
mORF_-_3851464	3851464	3851676	-	5	213	TTG	TAA	0	0
mORF_-_3851469	3851469	3851564	-	4	96	GTG	TGA	0	0
mORF_-_3851540	3851540	3851788	-	6	249	ATG	TGA	0	0
mORF_-_3851613	3851613	3851627	-	4	15	GTG	TGA	0	0
mORF_-_3851718	3851718	3851756	-	4	39	ATG	TAA	0	0
mORF_-_3851767	3851767	3851859	-	5	93	ATG	TAG	0	0
mORF_-_3851789	3851789	3851866	-	6	78	TTG	TAA	0	0
mORF_-_3851805	3851805	3851810	-	4	6	ATG	TAA	0	0
mORF_-_3851863	3851863	3851889	-	5	27	ATG	TGA	0	0
mORF_-_3851890	3851890	3851967	-	5	78	TTG	TAA	0	0
mORF_-_3851915	3851915	3851956	-	6	42	TTG	TAG	0	0
mORF_-_3851925	3851925	3851936	-	4	12	ATG	TAA	0	0
mORF_-_3851987	3851987	3852016	-	6	30	TTG	TAA	0	0
mORF_-_3852004	3852004	3852021	-	5	18	ATG	TGA	0	0
mORF_-_3852022	3852022	3852060	-	5	39	TTG	TAA	0	0
mORF_-_3852057	3852057	3852122	-	4	66	GTG	TGA	0	0
mORF_-_3852130	3852130	3852360	-	5	231	ATG	TAA	0	0
mORF_-_3852192	3852192	3852203	-	4	12	TTG	TAA	0	0
mORF_-_3852216	3852216	3852329	-	4	114	GTG	TGA	0	0
mORF_-_3852314	3852314	3852340	-	6	27	ATG	TAA	0	0
mORF_-_3852372	3852372	3852389	-	4	18	GTG	TGA	0	0
mORF_-_3852436	3852436	3852525	-	5	90	GTG	TAA	0	0
mORF_-_3852474	3852474	3852518	-	4	45	GTG	TGA	0	0
mORF_-_3852577	3852577	3852978	-	5	402	ATG	TAA	0	0
mORF_-_3852690	3852690	3852725	-	4	36	ATG	TAA	0	0
mORF_-_3852761	3852761	3853021	-	6	261	TTG	TAA	0	0
mORF_-_3853055	3853055	3853135	-	6	81	GTG	TAA	0	0
mORF_-_3853126	3853126	3853140	-	5	15	GTG	TAA	0	0
mORF_-_3853137	3853137	3853634	-	4	498	ATG	TGA	0	0
mORF_-_3853184	3853184	3853192	-	6	9	GTG	TGA	0	0
mORF_-_3853189	3853189	3853305	-	5	117	GTG	TGA	0	0
mORF_-_3853196	3853196	3853426	-	6	231	TTG	TGA	0	0
mORF_-_3853315	3853315	3853350	-	5	36	ATG	TGA	0	0
mORF_-_3853375	3853375	3853443	-	5	69	GTG	TGA	0	0
mORF_-_3853469	3853469	3853570	-	6	102	ATG	TGA	0	0
mORF_-_3853580	3853580	3853615	-	6	36	TTG	TAG	0	0
mORF_-_3853612	3853612	3853647	-	5	36	TTG	TGA	0	0
mORF_-_3853631	3853631	3853993	-	6	363	ATG	TGA	0	0
mORF_-_3853675	3853675	3853683	-	5	9	TTG	TAA	0	0
mORF_-_3853717	3853717	3853731	-	5	15	GTG	TGA	0	0
mORF_-_3853735	3853735	3853770	-	5	36	ATG	TAG	0	0
mORF_-_3853785	3853785	3853925	-	4	141	GTG	TAA	0	0
mORF_-_3853807	3853807	3853833	-	5	27	TTG	TGA	0	0
mORF_-_3853891	3853891	3853965	-	5	75	TTG	TGA	0	0
mORF_-_3853983	3853983	3854330	-	4	348	ATG	TAG	0	0
mORF_-_3854081	3854081	3854125	-	6	45	ATG	TGA	0	0
mORF_-_3854098	3854098	3854154	-	5	57	GTG	TGA	0	0
mORF_-_3854132	3854132	3854221	-	6	90	TTG	TAG	0	0
mORF_-_3854212	3854212	3854259	-	5	48	GTG	TGA	0	0
mORF_-_3854240	3854240	3854278	-	6	39	ATG	TAG	0	0
mORF_-_3854299	3854299	3854352	-	5	54	GTG	TGA	0	0
mORF_-_3854378	3854378	3854419	-	6	42	ATG	TAA	0	0
mORF_-_3854423	3854423	3854455	-	6	33	TTG	TAG	0	0

mORF_-_3854434	3854434	3854448	-	5	15	ATG	TGA	0	0	
mORF_-_3854452	3854452	3854676	-	5	225	TTG	TGA	0	0	
mORF_-_3854463	3854463	3854471	-	4	9	ATG	TGA	0	0	
mORF_-_3854498	3854498	3854518	-	6	21	GTG	TAA	0	0	
mORF_-_3854511	3854511	3854552	-	4	42	TTG	TAA	0	0	
mORF_-_3854522	3854522	3854680	-	6	159	TTG	TGA	0	0	
mORF_-_3854673	3854673	3854720	-	4	48	ATG	TGA	0	0	
mORF_-_3854677	3854677	3854835	-	5	159	ATG	TGA	0	0	
mORF_-_3854708	3854708	3854800	-	6	93	ATG	TAG	0	0	
mORF_-_3854850	3854850	3854918	-	4	69	ATG	TAA	0	0	
mORF_-_3854884	3854884	3854928	-	5	45	ATG	TAA	0	0	
mORF_-_3854934	3854934	3856427	-	4	1494	ATG	TGA	0	0	
mORF_-_3854963	3854963	3855181	-	6	219	ATG	TGA	0	0	
mORF_-_3855067	3855067	3855090	-	5	24	ATG	TAA	0	0	
mORF_-_3855185	3855185	3855268	-	6	84	ATG	TGA	0	0	
mORF_-_3855265	3855265	3855282	-	5	18	TTG	TGA	0	0	
mORF_-_3855272	3855272	3855319	-	6	48	TTG	TGA	0	0	
mORF_-_3855362	3855362	3855406	-	6	45	TTG	TGA	0	0	
mORF_-_3855497	3855497	3855523	-	6	27	ATG	TGA	0	0	
mORF_-_3855550	3855550	3855597	-	5	48	GTG	TAA	0	0	
mORF_-_3855563	3855563	3855607	-	6	45	GTG	TGA	0	0	
mORF_-_3855620	3855620	3855769	-	6	150	ATG	TAA	0	0	
mORF_-_3855703	3855703	3855735	-	5	33	ATG	TGA	0	0	
mORF_-_3855815	3855815	3855859	-	6	45	ATG	TAG	0	0	
mORF_-_3855856	3855856	3856008	-	5	153	GTG	TGA	0	0	
mORF_-_3855992	3855992	3856000	-	6	9	ATG	TAA	0	0	
mORF_-_3856028	3856028	3856333	-	6	306	TTG	TGA	0	0	
mORF_-_3856066	3856066	3856089	-	5	24	GTG	TGA	0	0	
mORF_-_3856108	3856108	3856128	-	5	21	ATG	TGA	0	0	
mORF_-_3856162	3856162	3856218	-	5	57	GTG	TAA	0	0	
mORF_-_3856231	3856231	3856275	-	5	45	TTG	TAA	0	0	
mORF_-_3856360	3856360	3856368	-	5	9	TTG	TAG	0	0	
mORF_-_3856424	3856424	3858139	-	6	1716	ATG	TGA	2	5	pORF_-_3856424
mORF_-_3856456	3856456	3856491	-	5	36	TTG	TAA	0	0	
mORF_-_3856495	3856495	3856506	-	5	12	TTG	TGA	0	0	
mORF_-_3856510	3856510	3856521	-	5	12	TTG	TAG	0	0	
mORF_-_3856540	3856540	3856593	-	5	54	TTG	TAG	0	0	
mORF_-_3856569	3856569	3856640	-	4	72	GTG	TGA	0	0	
mORF_-_3856594	3856594	3856614	-	5	21	TTG	TGA	0	0	
mORF_-_3856645	3856645	3856665	-	5	21	ATG	TGA	0	0	
mORF_-_3856717	3856717	3856755	-	5	39	ATG	TGA	0	0	
mORF_-_3856807	3856807	3856815	-	5	9	TTG	TAA	0	0	
mORF_-_3856918	3856918	3857037	-	5	120	ATG	TGA	0	0	
mORF_-_3856926	3856926	3856958	-	4	33	GTG	TAG	0	0	
mORF_-_3857116	3857116	3857235	-	5	120	TTG	TGA	0	0	
mORF_-_3857172	3857172	3857363	-	4	192	GTG	TAA	0	0	
mORF_-_3857386	3857386	3857433	-	5	48	GTG	TGA	0	0	
mORF_-_3857443	3857443	3857478	-	5	36	TTG	TAA	0	0	
mORF_-_3857512	3857512	3857520	-	5	9	TTG	TAA	0	0	
mORF_-_3857533	3857533	3857556	-	5	24	TTG	TGA	0	0	
mORF_-_3857602	3857602	3857631	-	5	30	TTG	TGA	0	0	
mORF_-_3857638	3857638	3857760	-	5	123	TTG	TAA	0	0	
mORF_-_3857761	3857761	3857835	-	5	75	TTG	TAA	0	0	
mORF_-_3857799	3857799	3858077	-	4	279	GTG	TGA	0	0	
mORF_-_3857986	3857986	3858000	-	5	15	TTG	TAA	0	0	
mORF_-_3858013	3858013	3858030	-	5	18	TTG	TAA	0	0	
mORF_-_3858085	3858085	3858114	-	5	30	TTG	TGA	0	0	
mORF_-_3858136	3858136	3858144	-	5	9	ATG	TGA	0	0	
mORF_-_3858150	3858150	3858176	-	4	27	ATG	TAA	0	0	
mORF_-_3858206	3858206	3858232	-	6	27	TTG	TGA	0	0	
mORF_-_3858222	3858222	3858323	-	4	102	TTG	TAA	0	0	
mORF_-_3858269	3858269	3858355	-	6	87	TTG	TGA	0	0	
mORF_-_3858363	3858363	3858437	-	4	75	ATG	TAA	0	0	

mORF_-_3858437	3858437	3858565	-	6	129	TTG	TAA	0	0
mORF_-_3858475	3858475	3858555	-	5	81	GTG	TAA	0	0
mORF_-_3858486	3858486	3858512	-	4	27	TTG	TGA	0	0
mORF_-_3858531	3858531	3858560	-	4	30	ATG	TAA	0	0
mORF_-_3858571	3858571	3858588	-	5	18	TTG	TAA	0	0
mORF_-_3858579	3858579	3858608	-	4	30	GTG	TAA	0	0
mORF_-_3858605	3858605	3858655	-	6	51	GTG	TGA	0	0
mORF_-_3858618	3858618	3858686	-	4	69	TTG	TAA	0	0
mORF_-_3858716	3858716	3858727	-	6	12	GTG	TGA	0	0
mORF_-_3858724	3858724	3858762	-	5	39	TTG	TGA	0	0
mORF_-_3858750	3858750	3858860	-	4	111	TTG	TGA	0	0
mORF_-_3858806	3858806	3858931	-	6	126	GTG	TGA	0	0
mORF_-_3858820	3858820	3858849	-	5	30	GTG	TAA	0	0
mORF_-_3858882	3858882	3858902	-	4	21	TTG	TAA	0	0
mORF_-_3858974	3858974	3858985	-	6	12	TTG	TAG	0	0
mORF_-_3859001	3859001	3859084	-	6	84	TTG	TAA	0	0
mORF_-_3859038	3859038	3859124	-	4	87	ATG	TAA	0	0
mORF_-_3859100	3859100	3859111	-	6	12	TTG	TGA	0	0
mORF_-_3859117	3859117	3859242	-	5	126	ATG	TAA	0	0
mORF_-_3859133	3859133	3859195	-	6	63	TTG	TAA	0	0
mORF_-_3859152	3859152	3859193	-	4	42	GTG	TAG	0	0
mORF_-_3859196	3859196	3859408	-	6	213	GTG	TAA	0	0
mORF_-_3859239	3859239	3859304	-	4	66	GTG	TGA	0	0
mORF_-_3859372	3859372	3860010	-	5	639	ATG	TAA	0	0
mORF_-_3859416	3859416	3859643	-	4	228	TTG	TGA	0	0
mORF_-_3859502	3859502	3859681	-	6	180	TTG	TGA	0	0
mORF_-_3859662	3859662	3859868	-	4	207	TTG	TAG	0	0
mORF_-_3859869	3859869	3859898	-	4	30	ATG	TGA	0	0
mORF_-_3859895	3859895	3860035	-	6	141	ATG	TGA	0	0
mORF_-_3859905	3859905	3859913	-	4	9	GTG	TGA	0	0
mORF_-_3859947	3859947	3859991	-	4	45	TTG	TGA	0	0
mORF_-_3860010	3860010	3860495	-	4	486	ATG	TAA	0	0
mORF_-_3860060	3860060	3860104	-	6	45	TTG	TAA	0	0
mORF_-_3860108	3860108	3860203	-	6	96	TTG	TGA	0	0
mORF_-_3860191	3860191	3860223	-	5	33	TTG	TGA	0	0
mORF_-_3860357	3860357	3860374	-	6	18	GTG	TGA	0	0
mORF_-_3860371	3860371	3860445	-	5	75	GTG	TGA	0	0
mORF_-_3860405	3860405	3860452	-	6	48	TTG	TGA	0	0
mORF_-_3860471	3860471	3860527	-	6	57	TTG	TGA	0	0
mORF_-_3860520	3860520	3861887	-	4	1368	ATG	TAG	0	0
mORF_-_3860528	3860528	3860560	-	6	33	TTG	TGA	0	0
mORF_-_3860570	3860570	3860611	-	6	42	TTG	TAA	0	0
mORF_-_3860747	3860747	3860797	-	6	51	TTG	TAG	0	0
mORF_-_3860837	3860837	3860905	-	6	69	TTG	TGA	0	0
mORF_-_3860948	3860948	3861025	-	6	78	TTG	TGA	0	0
mORF_-_3861059	3861059	3861070	-	6	12	GTG	TGA	0	0
mORF_-_3861098	3861098	3861106	-	6	9	ATG	TGA	0	0
mORF_-_3861176	3861176	3861181	-	6	6	TTG	TGA	0	0
mORF_-_3861253	3861253	3861366	-	5	114	TTG	TAG	0	0
mORF_-_3861353	3861353	3861415	-	6	63	TTG	TGA	0	0
mORF_-_3861419	3861419	3861460	-	6	42	TTG	TGA	0	0
mORF_-_3861430	3861430	3861447	-	5	18	TTG	TAA	0	0
mORF_-_3861500	3861500	3861634	-	6	135	ATG	TGA	0	0
mORF_-_3861644	3861644	3861835	-	6	192	ATG	TGA	0	0
mORF_-_3861673	3861673	3861732	-	5	60	TTG	TAA	0	0
mORF_-_3861778	3861778	3861813	-	5	36	GTG	TAG	0	0
mORF_-_3861865	3861865	3861906	-	5	42	TTG	TAA	0	0
mORF_-_3861927	3861927	3862109	-	4	183	GTG	TAG	0	0
mORF_-_3861982	3861982	3862140	-	5	159	TTG	TAG	0	0
mORF_-_3862110	3862110	3862124	-	4	15	TTG	TAA	0	0
mORF_-_3862137	3862137	3862241	-	4	105	ATG	TGA	0	0
mORF_-_3862252	3862252	3862503	-	5	252	GTG	TAA	0	0
mORF_-_3862260	3862260	3862268	-	4	9	TTG	TGA	0	0

mORF_-_3862265	3862265	3862510	-	6	246	GTG	TGA	0	0	
mORF_-_3862437	3862437	3862523	-	4	87	GTG	TAA	0	0	
mORF_-_3862520	3862520	3862534	-	6	15	ATG	TGA	0	0	
mORF_-_3862564	3862564	3862608	-	5	45	ATG	TGA	0	0	
mORF_-_3862609	3862609	3862623	-	5	15	GTG	TAA	0	0	
mORF_-_3862635	3862635	3864320	-	4	1686	ATG	TAA	0	0	
mORF_-_3862694	3862694	3862762	-	6	69	TTG	TAA	0	0	
mORF_-_3862756	3862756	3862809	-	5	54	GTG	TAA	0	0	
mORF_-_3862832	3862832	3862855	-	6	24	TTG	TAG	0	0	
mORF_-_3862880	3862880	3862897	-	6	18	TTG	TGA	0	0	
mORF_-_3862904	3862904	3862918	-	6	15	ATG	TAA	0	0	
mORF_-_3862931	3862931	3862945	-	6	15	GTG	TGA	0	0	
mORF_-_3862952	3862952	3862960	-	6	9	TTG	TGA	0	0	
mORF_-_3863102	3863102	3863128	-	6	27	TTG	TGA	0	0	
mORF_-_3863156	3863156	3863326	-	6	171	GTG	TAG	0	0	
mORF_-_3863330	3863330	3863476	-	6	147	TTG	TGA	0	0	
mORF_-_3863477	3863477	3863491	-	6	15	ATG	TGA	0	0	
mORF_-_3863585	3863585	3863629	-	6	45	ATG	TGA	0	0	
mORF_-_3863639	3863639	3863665	-	6	27	TTG	TAG	0	0	
mORF_-_3863662	3863662	3863793	-	5	132	TTG	TGA	0	0	
mORF_-_3863687	3863687	3863743	-	6	57	ATG	TGA	0	0	
mORF_-_3863822	3863822	3863914	-	6	93	GTG	TGA	0	0	
mORF_-_3863933	3863933	3863986	-	6	54	GTG	TAG	0	0	
mORF_-_3863999	3863999	3864049	-	6	51	TTG	TGA	0	0	
mORF_-_3864095	3864095	3864118	-	6	24	ATG	TGA	0	0	
mORF_-_3864140	3864140	3864199	-	6	60	TTG	TGA	0	0	
mORF_-_3864284	3864284	3864292	-	6	9	GTG	TAG	0	0	
mORF_-_3864289	3864289	3864303	-	5	15	ATG	TGA	0	0	
mORF_-_3864322	3864322	3864462	-	5	141	GTG	TAA	0	0	
mORF_-_3864329	3864329	3864478	-	6	150	TTG	TAG	0	0	
mORF_-_3864423	3864423	3864431	-	4	9	ATG	TAA	0	0	
mORF_-_3864492	3864492	3864959	-	4	468	TTG	TAA	19	72	pORF_-_3864492
mORF_-_3864500	3864500	3864556	-	6	57	ATG	TAA	0	0	
mORF_-_3864563	3864563	3864571	-	6	9	TTG	TAA	0	0	
mORF_-_3864640	3864640	3864675	-	5	36	ATG	TAG	0	0	
mORF_-_3864743	3864743	3864874	-	6	132	TTG	TAG	0	0	
mORF_-_3864871	3864871	3864885	-	5	15	ATG	TGA	0	0	
mORF_-_3864913	3864913	3864996	-	5	84	ATG	TAA	0	0	
mORF_-_3865032	3865032	3865451	-	4	420	TTG	TAA	26	1228	pORF_-_3865032
mORF_-_3865073	3865073	3865105	-	6	33	ATG	TGA	0	0	
mORF_-_3865106	3865106	3865129	-	6	24	ATG	TAA	0	0	
mORF_-_3865142	3865142	3865225	-	6	84	GTG	TAG	0	0	
mORF_-_3865229	3865229	3865300	-	6	72	TTG	TGA	0	0	
mORF_-_3865319	3865319	3865354	-	6	36	ATG	TAG	0	0	
mORF_-_3865376	3865376	3865435	-	6	60	TTG	TAG	0	0	
mORF_-_3865438	3865438	3865515	-	5	78	GTG	TAA	0	0	
mORF_-_3865464	3865464	3865490	-	4	27	TTG	TGA	0	0	
mORF_-_3865499	3865499	3865534	-	6	36	ATG	TGA	0	0	
mORF_-_3865531	3865531	3865575	-	5	45	TTG	TGA	0	0	
mORF_-_3865611	3865611	3865637	-	4	27	GTG	TAG	0	0	
mORF_-_3865644	3865644	3865736	-	4	93	TTG	TAA	0	0	
mORF_-_3865705	3865705	3866046	-	5	342	TTG	TAG	0	0	
mORF_-_3865715	3865715	3865726	-	6	12	GTG	TGA	0	0	
mORF_-_3865776	3865776	3865877	-	4	102	TTG	TGA	0	0	
mORF_-_3865799	3865799	3865831	-	6	33	ATG	TAA	0	0	
mORF_-_3865964	3865964	3866146	-	6	183	ATG	TAA	0	0	
mORF_-_3866052	3866052	3866060	-	4	9	GTG	TAA	0	0	
mORF_-_3866085	3866085	3867335	-	4	1251	ATG	TAA	7	18	pORF_-_3866085
mORF_-_3866092	3866092	3866139	-	5	48	GTG	TGA	0	0	
mORF_-_3866198	3866198	3866257	-	6	60	TTG	TAA	0	0	
mORF_-_3866206	3866206	3866235	-	5	30	TTG	TGA	0	0	
mORF_-_3866245	3866245	3866268	-	5	24	ATG	TAA	0	0	
mORF_-_3866314	3866314	3866361	-	5	48	GTG	TAA	0	0	

mORF_-_3866321	3866321	3866383	-	6	63	ATG	TAA	0	0	
mORF_-_3866483	3866483	3866506	-	6	24	GTG	TAA	0	0	
mORF_-_3866540	3866540	3866644	-	6	105	TTG	TAA	0	0	
mORF_-_3866590	3866590	3866673	-	5	84	ATG	TGA	0	0	
mORF_-_3866666	3866666	3866704	-	6	39	GTG	TAG	0	0	
mORF_-_3866701	3866701	3866748	-	5	48	GTG	TGA	0	0	
mORF_-_3866735	3866735	3866854	-	6	120	ATG	TGA	0	0	
mORF_-_3866858	3866858	3866863	-	6	6	ATG	TAA	0	0	
mORF_-_3866882	3866882	3866974	-	6	93	TTG	TGA	0	0	
mORF_-_3866981	3866981	3867001	-	6	21	TTG	TGA	0	0	
mORF_-_3866995	3866995	3867036	-	5	42	ATG	TGA	0	0	
mORF_-_3867002	3867002	3867073	-	6	72	ATG	TGA	0	0	
mORF_-_3867164	3867164	3867283	-	6	120	TTG	TGA	0	0	
mORF_-_3867214	3867214	3867228	-	5	15	GTG	TGA	0	0	
mORF_-_3867271	3867271	3867408	-	5	138	ATG	TAA	0	0	
mORF_-_3867339	3867339	3867662	-	4	324	GTG	TGA	0	0	
mORF_-_3867422	3867422	3867457	-	6	36	GTG	TAA	0	0	
mORF_-_3867463	3867463	3867954	-	5	492	ATG	TAA	0	0	
mORF_-_3867524	3867524	3867553	-	6	30	GTG	TGA	0	0	
mORF_-_3867632	3867632	3867655	-	6	24	ATG	TGA	0	0	
mORF_-_3867681	3867681	3867689	-	4	9	TTG	TAG	0	0	
mORF_-_3867753	3867753	3867806	-	4	54	ATG	TGA	0	0	
mORF_-_3867836	3867836	3867871	-	6	36	TTG	TAA	0	0	
mORF_-_3867966	3867966	3867977	-	4	12	ATG	TAG	0	0	
mORF_-_3867995	3867995	3868009	-	6	15	ATG	TAG	0	0	
mORF_-_3868002	3868002	3868022	-	4	21	TTG	TAA	0	0	
mORF_-_3868034	3868034	3868057	-	6	24	TTG	TAA	0	0	
mORF_-_3868068	3868068	3868082	-	4	15	GTG	TGA	0	0	
mORF_-_3868110	3868110	3868199	-	4	90	TTG	TGA	0	0	
mORF_-_3868260	3868260	3868322	-	4	63	TTG	TAG	0	0	
mORF_-_3868319	3868319	3868402	-	6	84	GTG	TGA	0	0	
mORF_-_3868329	3868329	3868373	-	4	45	TTG	TAA	0	0	
mORF_-_3868408	3868408	3868443	-	5	36	ATG	TAA	0	0	
mORF_-_3868421	3868421	3868468	-	6	48	TTG	TAA	0	0	
mORF_-_3868461	3868461	3869798	-	4	1338	ATG	TAA	0	0	
mORF_-_3868475	3868475	3868513	-	6	39	TTG	TGA	0	0	
mORF_-_3868514	3868514	3868612	-	6	99	GTG	TGA	0	0	
mORF_-_3868637	3868637	3868645	-	6	9	TTG	TAA	0	0	
mORF_-_3868646	3868646	3868696	-	6	51	TTG	TGA	0	0	
mORF_-_3868702	3868702	3868731	-	5	30	GTG	TAA	0	0	
mORF_-_3868784	3868784	3868819	-	6	36	TTG	TGA	0	0	
mORF_-_3868837	3868837	3868986	-	5	150	GTG	TAA	0	0	
mORF_-_3868856	3868856	3868885	-	6	30	TTG	TAG	0	0	
mORF_-_3868973	3868973	3869014	-	6	42	TTG	TAA	0	0	
mORF_-_3869090	3869090	3869128	-	6	39	GTG	TGA	0	0	
mORF_-_3869188	3869188	3869196	-	5	9	TTG	TAA	0	0	
mORF_-_3869198	3869198	3869233	-	6	36	TTG	TGA	0	0	
mORF_-_3869285	3869285	3869347	-	6	63	ATG	TGA	0	0	
mORF_-_3869377	3869377	3869673	-	5	297	TTG	TAA	0	0	
mORF_-_3869414	3869414	3869431	-	6	18	TTG	TAA	0	0	
mORF_-_3869441	3869441	3869497	-	6	57	TTG	TAA	0	0	
mORF_-_3869528	3869528	3869668	-	6	141	ATG	TAG	0	0	
mORF_-_3869705	3869705	3869737	-	6	33	ATG	TGA	0	0	
mORF_-_3869859	3869859	3869879	-	4	21	GTG	TAA	0	0	
mORF_-_3869873	3869873	3871021	-	6	1149	ATG	TAA	1	3	pORF_-_3869873
mORF_-_3869884	3869884	3869949	-	5	66	TTG	TAG	0	0	
mORF_-_3870040	3870040	3870177	-	5	138	TTG	TGA	0	0	
mORF_-_3870108	3870108	3870137	-	4	30	TTG	TAA	0	0	
mORF_-_3870181	3870181	3870399	-	5	219	TTG	TGA	0	0	
mORF_-_3870186	3870186	3870221	-	4	36	ATG	TGA	0	0	
mORF_-_3870433	3870433	3870540	-	5	108	ATG	TGA	0	0	
mORF_-_3870541	3870541	3870561	-	5	21	TTG	TAG	0	0	
mORF_-_3870562	3870562	3870579	-	5	18	GTG	TAA	0	0	

mORF_-_3870576	3870576	3870581	-	4	6	TTG	TGA	0	0	
mORF_-_3870586	3870586	3870663	-	5	78	TTG	TGA	0	0	
mORF_-_3870624	3870624	3870668	-	4	45	TTG	TAA	0	0	
mORF_-_3870706	3870706	3870726	-	5	21	ATG	TGA	0	0	
mORF_-_3870727	3870727	3870765	-	5	39	TTG	TGA	0	0	
mORF_-_3870735	3870735	3870752	-	4	18	ATG	TAA	0	0	
mORF_-_3870762	3870762	3870833	-	4	72	ATG	TGA	0	0	
mORF_-_3870823	3870823	3870864	-	5	42	TTG	TGA	0	0	
mORF_-_3870865	3870865	3870876	-	5	12	GTG	TGA	0	0	
mORF_-_3870873	3870873	3870938	-	4	66	TTG	TGA	0	0	
mORF_-_3870922	3870922	3870963	-	5	42	TTG	TGA	0	0	
mORF_-_3870960	3870960	3871049	-	4	90	TTG	TGA	0	0	
mORF_-_3871018	3871018	3871635	-	5	618	ATG	TGA	0	0	
mORF_-_3871043	3871043	3871144	-	6	102	GTG	TAA	0	0	
mORF_-_3871110	3871110	3871127	-	4	18	GTG	TAG	0	0	
mORF_-_3871164	3871164	3871181	-	4	18	TTG	TGA	0	0	
mORF_-_3871212	3871212	3871238	-	4	27	TTG	TAA	0	0	
mORF_-_3871329	3871329	3871349	-	4	21	GTG	TGA	0	0	
mORF_-_3871356	3871356	3871415	-	4	60	ATG	TGA	0	0	
mORF_-_3871431	3871431	3871451	-	4	21	TTG	TGA	0	0	
mORF_-_3871452	3871452	3871478	-	4	27	TTG	TGA	0	0	
mORF_-_3871475	3871475	3871504	-	6	30	ATG	TGA	0	0	
mORF_-_3871515	3871515	3871550	-	4	36	TTG	TGA	0	0	
mORF_-_3871551	3871551	3871565	-	4	15	ATG	TGA	0	0	
mORF_-_3871608	3871608	3871697	-	4	90	TTG	TGA	0	0	
mORF_-_3871619	3871619	3872497	-	6	879	ATG	TAA	0	0	
mORF_-_3871732	3871732	3871809	-	5	78	TTG	TGA	0	0	
mORF_-_3871810	3871810	3871980	-	5	171	TTG	TGA	1	4	pORF_-_3871810
mORF_-_3871993	3871993	3872016	-	5	24	GTG	TAA	0	0	
mORF_-_3872023	3872023	3872094	-	5	72	ATG	TGA	0	0	
mORF_-_3872052	3872052	3872075	-	4	24	TTG	TAG	0	0	
mORF_-_3872152	3872152	3872214	-	5	63	TTG	TGA	0	0	
mORF_-_3872169	3872169	3872183	-	4	15	ATG	TGA	0	0	
mORF_-_3872221	3872221	3872298	-	5	78	TTG	TAA	0	0	
mORF_-_3872311	3872311	3872334	-	5	24	GTG	TAA	0	0	
mORF_-_3872383	3872383	3872475	-	5	93	TTG	TGA	0	0	
mORF_-_3872494	3872494	3873183	-	5	690	ATG	TGA	2	34	pORF_-_3872494
mORF_-_3872532	3872532	3872786	-	4	255	TTG	TGA	0	0	
mORF_-_3872796	3872796	3872858	-	4	63	TTG	TGA	0	0	
mORF_-_3872807	3872807	3872851	-	6	45	TTG	TGA	0	0	
mORF_-_3872889	3872889	3872984	-	4	96	TTG	TGA	0	0	
mORF_-_3872918	3872918	3872935	-	6	18	ATG	TGA	0	0	
mORF_-_3872945	3872945	3872965	-	6	21	GTG	TGA	0	0	
mORF_-_3873003	3873003	3873011	-	4	9	TTG	TGA	0	0	
mORF_-_3873027	3873027	3873158	-	4	132	TTG	TGA	0	0	
mORF_-_3873214	3873214	3873246	-	5	33	TTG	TAG	0	0	
mORF_-_3873219	3873219	3873302	-	4	84	TTG	TAA	0	0	
mORF_-_3873305	3873305	3873349	-	6	45	ATG	TAA	0	0	
mORF_-_3873318	3873318	3873323	-	4	6	TTG	TAG	0	0	
mORF_-_3873325	3873325	3873333	-	5	9	GTG	TAA	0	0	
mORF_-_3873330	3873330	3873362	-	4	33	ATG	TGA	0	0	
mORF_-_3873398	3873398	3873430	-	6	33	TTG	TAG	0	0	
mORF_-_3873439	3873439	3873462	-	5	24	ATG	TAG	0	0	
mORF_-_3873486	3873486	3873563	-	4	78	TTG	TAA	0	0	
mORF_-_3873524	3873524	3873556	-	6	33	ATG	TGA	0	0	
mORF_-_3873572	3873572	3873586	-	6	15	TTG	TGA	0	0	
mORF_-_3873583	3873583	3873606	-	5	24	GTG	TGA	0	0	
mORF_-_3873603	3873603	3873641	-	4	39	TTG	TGA	0	0	
mORF_-_3873611	3873611	3873739	-	6	129	GTG	TAG	0	0	
mORF_-_3873673	3873673	3873741	-	5	69	TTG	TAA	0	0	
mORF_-_3873714	3873714	3873728	-	4	15	GTG	TGA	0	0	
mORF_-_3873729	3873729	3873764	-	4	36	TTG	TAA	0	0	
mORF_-_3873745	3873745	3873804	-	5	60	GTG	TGA	0	0	

mORF_-_3873773	3873773	3873886	-	6	114	GTG	TAA	0	0	
mORF_-_3873795	3873795	3873977	-	4	183	ATG	TAA	0	0	
mORF_-_3873880	3873880	3873942	-	5	63	ATG	TGA	0	0	
mORF_-_3873908	3873908	3873925	-	6	18	ATG	TAG	0	0	
mORF_-_3873950	3873950	3873973	-	6	24	ATG	TGA	0	0	
mORF_-_3873978	3873978	3874040	-	4	63	ATG	TAA	0	0	
mORF_-_3874000	3874000	3874071	-	5	72	ATG	TAG	0	0	
mORF_-_3874040	3874040	3874114	-	6	75	TTG	TAA	0	0	
mORF_-_3874071	3874071	3874079	-	4	9	GTG	TAA	0	0	
mORF_-_3874118	3874118	3874132	-	6	15	TTG	TGA	0	0	
mORF_-_3874139	3874139	3874159	-	6	21	GTG	TAA	0	0	
mORF_-_3874163	3874163	3874975	-	6	813	ATG	TAA	23	131	pORF_-_3874163
mORF_-_3874168	3874168	3874227	-	5	60	TTG	TGA	0	0	
mORF_-_3874243	3874243	3874293	-	5	51	TTG	TGA	0	0	
mORF_-_3874294	3874294	3874323	-	5	30	TTG	TGA	0	0	
mORF_-_3874372	3874372	3874428	-	5	57	GTG	TGA	0	0	
mORF_-_3874453	3874453	3874506	-	5	54	TTG	TGA	0	0	
mORF_-_3874519	3874519	3874740	-	5	222	ATG	TGA	1	3	pORF_-_3874519
mORF_-_3874813	3874813	3874836	-	5	24	ATG	TGA	0	0	
mORF_-_3874852	3874852	3874863	-	5	12	ATG	TAA	0	0	
mORF_-_3874864	3874864	3875064	-	5	201	TTG	TGA	0	0	
mORF_-_3874965	3874965	3875027	-	4	63	TTG	TAA	0	0	
mORF_-_3875031	3875031	3875042	-	4	12	GTG	TGA	0	0	
mORF_-_3875090	3875090	3875497	-	6	408	GTG	TAA	4	18	pORF_-_3875090
mORF_-_3875110	3875110	3875304	-	5	195	GTG	TGA	0	0	
mORF_-_3875356	3875356	3875412	-	5	57	TTG	TAG	0	0	
mORF_-_3875409	3875409	3875417	-	4	9	TTG	TGA	0	0	
mORF_-_3875419	3875419	3875445	-	5	27	ATG	TAA	0	0	
mORF_-_3875452	3875452	3875478	-	5	27	TTG	TGA	0	0	
mORF_-_3875494	3875494	3875523	-	5	30	TTG	TGA	0	0	
mORF_-_3875508	3875508	3875708	-	4	201	GTG	TAA	0	0	
mORF_-_3875639	3875639	3875650	-	6	12	ATG	TAG	0	0	
mORF_-_3875647	3875647	3875670	-	5	24	TTG	TGA	0	0	
mORF_-_3875657	3875657	3875728	-	6	72	ATG	TGA	0	0	
mORF_-_3875728	3875728	3878145	-	5	2418	TTG	TAA	105	907	pORF_-_3875728
mORF_-_3875751	3875751	3875789	-	4	39	TTG	TGA	0	0	
mORF_-_3875802	3875802	3875837	-	4	36	ATG	TGA	0	0	
mORF_-_3875840	3875840	3875893	-	6	54	GTG	TAA	0	0	
mORF_-_3875994	3875994	3876197	-	4	204	TTG	TAG	0	0	
mORF_-_3876194	3876194	3876205	-	6	12	GTG	TGA	0	0	
mORF_-_3876252	3876252	3876278	-	4	27	ATG	TGA	0	0	
mORF_-_3876402	3876402	3876431	-	4	30	GTG	TAG	0	0	
mORF_-_3876531	3876531	3876578	-	4	48	TTG	TGA	0	0	
mORF_-_3876609	3876609	3876650	-	4	42	ATG	TGA	0	0	
mORF_-_3876654	3876654	3876722	-	4	69	TTG	TGA	0	0	
mORF_-_3876942	3876942	3876956	-	4	15	GTG	TAG	0	0	
mORF_-_3876969	3876969	3877028	-	4	60	TTG	TGA	0	0	
mORF_-_3877083	3877083	3877097	-	4	15	TTG	TGA	0	0	
mORF_-_3877167	3877167	3877184	-	4	18	TTG	TGA	0	0	
mORF_-_3877185	3877185	3877208	-	4	24	GTG	TGA	0	0	
mORF_-_3877275	3877275	3877394	-	4	120	TTG	TGA	0	0	
mORF_-_3877313	3877313	3877372	-	6	60	GTG	TGA	0	0	
mORF_-_3877455	3877455	3877592	-	4	138	ATG	TGA	0	0	
mORF_-_3877605	3877605	3877700	-	4	96	GTG	TGA	0	0	
mORF_-_3877776	3877776	3877832	-	4	57	TTG	TAG	0	0	
mORF_-_3877863	3877863	3877925	-	4	63	ATG	TGA	0	0	
mORF_-_3878010	3878010	3878093	-	4	84	ATG	TAG	0	0	
mORF_-_3878103	3878103	3878129	-	4	27	ATG	TGA	0	0	
mORF_-_3878142	3878142	3878159	-	4	18	ATG	TGA	0	0	
mORF_-_3878171	3878171	3879244	-	6	1074	ATG	TAA	1	2	pORF_-_3878171
mORF_-_3878230	3878230	3878262	-	5	33	TTG	TAG	0	0	
mORF_-_3878284	3878284	3878340	-	5	57	ATG	TAA	0	0	
mORF_-_3878337	3878337	3878357	-	4	21	GTG	TGA	0	0	

mORF_-_3878344	3878344	3878373	-	5	30	GTG	TGA	0	0	
mORF_-_3878370	3878370	3878411	-	4	42	GTG	TGA	0	0	
mORF_-_3878413	3878413	3878460	-	5	48	GTG	TGA	0	0	
mORF_-_3878512	3878512	3878556	-	5	45	ATG	TAA	0	0	
mORF_-_3878709	3878709	3878828	-	4	120	ATG	TAA	0	0	
mORF_-_3878740	3878740	3878760	-	5	21	ATG	TGA	0	0	
mORF_-_3878989	3878989	3879156	-	5	168	GTG	TAA	0	0	
mORF_-_3879157	3879157	3879204	-	5	48	TTG	TAG	0	0	
mORF_-_3879244	3879244	3880344	-	5	1101	ATG	TAA	34	87	pORF_-_3879244
mORF_-_3879252	3879252	3879299	-	4	48	TTG	TGA	0	0	
mORF_-_3879296	3879296	3879349	-	6	54	ATG	TGA	0	0	
mORF_-_3879360	3879360	3879410	-	4	51	GTG	TGA	0	0	
mORF_-_3879474	3879474	3879692	-	4	219	TTG	TGA	0	0	
mORF_-_3879735	3879735	3879743	-	4	9	TTG	TGA	0	0	
mORF_-_3879765	3879765	3879878	-	4	114	ATG	TGA	0	0	
mORF_-_3879879	3879879	3879929	-	4	51	TTG	TAA	0	0	
mORF_-_3879939	3879939	3880178	-	4	240	GTG	TGA	0	0	
mORF_-_3880212	3880212	3880280	-	4	69	GTG	TGA	0	0	
mORF_-_3880311	3880311	3880325	-	4	15	GTG	TAA	0	0	
mORF_-_3880349	3880349	3881764	-	6	1416	GTG	TAA	12	35	pORF_-_3880349
mORF_-_3880369	3880369	3880479	-	5	111	TTG	TAA	0	0	
mORF_-_3880501	3880501	3880722	-	5	222	TTG	TGA	0	0	
mORF_-_3880732	3880732	3880752	-	5	21	GTG	TGA	0	0	
mORF_-_3880758	3880758	3880892	-	4	135	TTG	TAA	0	0	
mORF_-_3880834	3880834	3880848	-	5	15	GTG	TGA	0	0	
mORF_-_3880906	3880906	3881034	-	5	129	TTG	TGA	0	0	
mORF_-_3881053	3881053	3881064	-	5	12	ATG	TGA	0	0	
mORF_-_3881065	3881065	3881340	-	5	276	TTG	TAG	0	0	
mORF_-_3881356	3881356	3881430	-	5	75	GTG	TAA	0	0	
mORF_-_3881397	3881397	3881405	-	4	9	TTG	TAA	0	0	
mORF_-_3881503	3881503	3881544	-	5	42	ATG	TGA	0	0	
mORF_-_3881563	3881563	3881616	-	5	54	TTG	TAA	0	0	
mORF_-_3881583	3881583	3881606	-	4	24	TTG	TAA	0	0	
mORF_-_3881646	3881646	3881681	-	4	36	GTG	TAA	0	0	
mORF_-_3881653	3881653	3881772	-	5	120	TTG	TGA	0	0	
mORF_-_3881706	3881706	3881891	-	4	186	TTG	TGA	0	0	
mORF_-_3881786	3881786	3881800	-	6	15	ATG	TAG	0	0	
mORF_-_3881801	3881801	3881929	-	6	129	TTG	TGA	0	0	
mORF_-_3881878	3881878	3881913	-	5	36	ATG	TGA	0	0	
mORF_-_3881910	3881910	3881969	-	4	60	GTG	TGA	0	0	
mORF_-_3881962	3881962	3882021	-	5	60	GTG	TAA	0	0	
mORF_-_3881988	3881988	3882062	-	4	75	TTG	TAG	0	0	
mORF_-_3882046	3882046	3882246	-	5	201	TTG	TAA	0	0	
mORF_-_3882117	3882117	3882179	-	4	63	ATG	TGA	0	0	
mORF_-_3882250	3882250	3882327	-	5	78	ATG	TAA	0	0	
mORF_-_3882266	3882266	3882406	-	6	141	GTG	TAA	0	0	
mORF_-_3882343	3882343	3882369	-	5	27	GTG	TAA	0	0	
mORF_-_3882373	3882373	3882396	-	5	24	TTG	TGA	0	0	
mORF_-_3882429	3882429	3882455	-	4	27	GTG	TAG	0	0	
mORF_-_3882520	3882520	3882531	-	5	12	ATG	TAA	0	0	
mORF_-_3882552	3882552	3882749	-	4	198	ATG	TAA	0	0	
mORF_-_3882563	3882563	3882898	-	6	336	TTG	TGA	0	0	
mORF_-_3882568	3882568	3882591	-	5	24	GTG	TGA	0	0	
mORF_-_3882760	3882760	3882885	-	5	126	ATG	TAG	0	0	
mORF_-_3882837	3882837	3882851	-	4	15	GTG	TAA	0	0	
mORF_-_3882895	3882895	3882939	-	5	45	GTG	TGA	0	0	
mORF_-_3882914	3882914	3882928	-	6	15	ATG	TAG	0	0	
mORF_-_3882936	3882936	3883151	-	4	216	ATG	TGA	0	0	
mORF_-_3883022	3883022	3883033	-	6	12	GTG	TAA	0	0	
mORF_-_3883037	3883037	3883093	-	6	57	GTG	TAA	0	0	
mORF_-_3883093	3883093	3883110	-	5	18	TTG	TAG	0	0	
mORF_-_3883120	3883120	3883341	-	5	222	TTG	TAA	0	0	
mORF_-_3883148	3883148	3883216	-	6	69	TTG	TGA	0	0	

mORF_-_3883191	3883191	3883319	-	4	129	GTG	TGA	0	0
mORF_-_3883376	3883376	3883408	-	6	33	GTG	TAG	0	0
mORF_-_3883405	3883405	3884466	-	5	1062	GTG	TGA	0	0
mORF_-_3883415	3883415	3883429	-	6	15	GTG	TAA	0	0
mORF_-_3883527	3883527	3883586	-	4	60	TTG	TGA	0	0
mORF_-_3883611	3883611	3883628	-	4	18	TTG	TAA	0	0
mORF_-_3883629	3883629	3883634	-	4	6	TTG	TAG	0	0
mORF_-_3883680	3883680	3883916	-	4	237	TTG	TGA	0	0
mORF_-_3883697	3883697	3883741	-	6	45	GTG	TGA	0	0
mORF_-_3883920	3883920	3883946	-	4	27	ATG	TAG	0	0
mORF_-_3883992	3883992	3884045	-	4	54	TTG	TGA	0	0
mORF_-_3884085	3884085	3884105	-	4	21	ATG	TAA	0	0
mORF_-_3884109	3884109	3884237	-	4	129	ATG	TGA	0	0
mORF_-_3884201	3884201	3884275	-	6	75	TTG	TGA	0	0
mORF_-_3884268	3884268	3884336	-	4	69	TTG	TGA	0	0
mORF_-_3884348	3884348	3884479	-	6	132	GTG	TAA	0	0
mORF_-_3884409	3884409	3884414	-	4	6	ATG	TAG	0	0
mORF_-_3884490	3884490	3884531	-	4	42	ATG	TAG	0	0
mORF_-_3884532	3884532	3884606	-	4	75	GTG	TGA	0	0
mORF_-_3884629	3884629	3884721	-	5	93	ATG	TGA	0	0
mORF_-_3884646	3884646	3884672	-	4	27	ATG	TAG	0	0
mORF_-_3884672	3884672	3884833	-	6	162	GTG	TAA	0	0
mORF_-_3884691	3884691	3884933	-	4	243	TTG	TAA	0	0
mORF_-_3884776	3884776	3884835	-	5	60	TTG	TGA	0	0
mORF_-_3885030	3885030	3885071	-	4	42	GTG	TGA	0	0
mORF_-_3885043	3885043	3885102	-	5	60	ATG	TAG	0	0
mORF_-_3885099	3885099	3885149	-	4	51	ATG	TGA	0	0
mORF_-_3885217	3885217	3885345	-	5	129	GTG	TAA	0	0
mORF_-_3885245	3885245	3885283	-	6	39	GTG	TAA	0	0
mORF_-_3885284	3885284	3885313	-	6	30	GTG	TAA	0	0
mORF_-_3885321	3885321	3885353	-	4	33	ATG	TGA	0	0
mORF_-_3885338	3885338	3885370	-	6	33	TTG	TGA	0	0
mORF_-_3885354	3885354	3885431	-	4	78	TTG	TAA	0	0
mORF_-_3885437	3885437	3885472	-	6	36	GTG	TAA	0	0
mORF_-_3885474	3885474	3885869	-	4	396	GTG	TGA	0	0
mORF_-_3885524	3885524	3885577	-	6	54	TTG	TAG	0	0
mORF_-_3885547	3885547	3885651	-	5	105	ATG	TAA	0	0
mORF_-_3885670	3885670	3885906	-	5	237	GTG	TAG	0	0
mORF_-_3885752	3885752	3885772	-	6	21	TTG	TAA	0	0
mORF_-_3885866	3885866	3885928	-	6	63	TTG	TGA	0	0
mORF_-_3885903	3885903	3886289	-	4	387	TTG	TGA	0	0
mORF_-_3885910	3885910	3886026	-	5	117	GTG	TAA	0	0
mORF_-_3885965	3885965	3886129	-	6	165	GTG	TGA	0	0
mORF_-_3886027	3886027	3886056	-	5	30	ATG	TAG	0	0
mORF_-_3886057	3886057	3886077	-	5	21	TTG	TAG	0	0
mORF_-_3886244	3886244	3886273	-	6	30	GTG	TGA	0	0
mORF_-_3886279	3886279	3886344	-	5	66	ATG	TAA	0	0
mORF_-_3886298	3886298	3886381	-	6	84	GTG	TAA	0	0
mORF_-_3886332	3886332	3886406	-	4	75	TTG	TAA	0	0
mORF_-_3886378	3886378	3886383	-	5	6	ATG	TGA	0	0
mORF_-_3886394	3886394	3886510	-	6	117	TTG	TGA	0	0
mORF_-_3886456	3886456	3886488	-	5	33	TTG	TAA	0	0
mORF_-_3886467	3886467	3886472	-	4	6	ATG	TAA	0	0
mORF_-_3886485	3886485	3886523	-	4	39	GTG	TGA	0	0
mORF_-_3886495	3886495	3886578	-	5	84	TTG	TGA	0	0
mORF_-_3886520	3886520	3886621	-	6	102	TTG	TGA	0	0
mORF_-_3886596	3886596	3886628	-	4	33	ATG	TAG	0	0
mORF_-_3886636	3886636	3886671	-	5	36	ATG	TAA	0	0
mORF_-_3886649	3886649	3886723	-	6	75	GTG	TAA	0	0
mORF_-_3886729	3886729	3886770	-	5	42	ATG	TAA	0	0
mORF_-_3886746	3886746	3886820	-	4	75	GTG	TAA	0	0
mORF_-_3886796	3886796	3886843	-	6	48	TTG	TAA	0	0
mORF_-_3886827	3886827	3886940	-	4	114	ATG	TAA	0	0

mORF_-_3887008	3887008	3887178	-	5	171	ATG	TGA	0	0	
mORF_-_3887031	3887031	3887042	-	4	12	ATG	TGA	0	0	
mORF_-_3887076	3887076	3887132	-	4	57	TTG	TAG	0	0	
mORF_-_3887151	3887151	3887189	-	4	39	TTG	TAG	0	0	
mORF_-_3887211	3887211	3887219	-	4	9	TTG	TAG	0	0	
mORF_-_3887244	3887244	3887339	-	4	96	GTG	TAA	0	0	
mORF_-_3887252	3887252	3887332	-	6	81	TTG	TAA	0	0	
mORF_-_3887336	3887336	3887377	-	6	42	TTG	TGA	0	0	
mORF_-_3887358	3887358	3887399	-	4	42	ATG	TGA	0	0	
mORF_-_3887380	3887380	3887862	-	5	483	ATG	TAA	0	0	
mORF_-_3887457	3887457	3887513	-	4	57	GTG	TAG	0	0	
mORF_-_3887510	3887510	3888043	-	6	534	GTG	TGA	0	0	
mORF_-_3887523	3887523	3887729	-	4	207	ATG	TAG	0	0	
mORF_-_3887823	3887823	3888017	-	4	195	ATG	TGA	1	3	pORF_-_3887823
mORF_-_3887953	3887953	3887982	-	5	30	TTG	TAA	0	0	
mORF_-_3888010	3888010	3888075	-	5	66	ATG	TAA	0	0	
mORF_-_3888036	3888036	3888056	-	4	21	ATG	TGA	0	0	
mORF_-_3888106	3888106	3888141	-	5	36	GTG	TAA	0	0	
mORF_-_3888138	3888138	3888146	-	4	9	GTG	TGA	0	0	
mORF_-_3888143	3888143	3888151	-	6	9	TTG	TGA	0	0	
mORF_-_3888175	3888175	3888204	-	5	30	GTG	TAG	0	0	
mORF_-_3888214	3888214	3888285	-	5	72	GTG	TAG	0	0	
mORF_-_3888222	3888222	3888260	-	4	39	ATG	TGA	0	0	
mORF_-_3888257	3888257	3888292	-	6	36	ATG	TGA	0	0	
mORF_-_3888267	3888267	3888401	-	4	135	ATG	TGA	0	0	
mORF_-_3888398	3888398	3888448	-	6	51	TTG	TGA	0	0	
mORF_-_3888412	3888412	3888423	-	5	12	ATG	TGA	0	0	
mORF_-_3888456	3888456	3888518	-	4	63	ATG	TAA	0	0	
mORF_-_3888549	3888549	3888560	-	4	12	GTG	TAG	0	0	
mORF_-_3888567	3888567	3888593	-	4	27	ATG	TAG	0	0	
mORF_-_3888593	3888593	3888610	-	6	18	TTG	TAA	0	0	
mORF_-_3888607	3888607	3888627	-	5	21	GTG	TGA	0	0	
mORF_-_3888624	3888624	3888662	-	4	39	ATG	TGA	0	0	
mORF_-_3888629	3888629	3888637	-	6	9	GTG	TAG	0	0	
mORF_-_3888710	3888710	3888718	-	6	9	ATG	TAA	0	0	
mORF_-_3888783	3888783	3888815	-	4	33	GTG	TAA	0	0	
mORF_-_3888828	3888828	3888890	-	4	63	TTG	TAA	0	0	
mORF_-_3888845	3888845	3888874	-	6	30	ATG	TAA	0	0	
mORF_-_3888871	3888871	3888885	-	5	15	GTG	TGA	0	0	
mORF_-_3888912	3888912	3888941	-	4	30	TTG	TAG	0	0	
mORF_-_3888993	3888993	3889166	-	4	174	GTG	TAG	1	23	pORF_-_3888993
mORF_-_3889045	3889045	3889098	-	5	54	GTG	TGA	0	0	
mORF_-_3889135	3889135	3889218	-	5	84	GTG	TAA	0	0	
mORF_-_3889182	3889182	3889232	-	4	51	TTG	TAA	0	0	
mORF_-_3889229	3889229	3889258	-	6	30	GTG	TGA	0	0	
mORF_-_3889296	3889296	3889388	-	4	93	TTG	TAA	0	0	
mORF_-_3889343	3889343	3889363	-	6	21	TTG	TAA	0	0	
mORF_-_3889389	3889389	3889475	-	4	87	TTG	TGA	0	0	
mORF_-_3889489	3889489	3889527	-	5	39	ATG	TAA	0	0	
mORF_-_3889493	3889493	3889597	-	6	105	GTG	TAG	0	0	
mORF_-_3889546	3889546	3889557	-	5	12	GTG	TGA	0	0	
mORF_-_3889554	3889554	3889613	-	4	60	GTG	TGA	0	0	
mORF_-_3889631	3889631	3889639	-	6	9	ATG	TAA	0	0	
mORF_-_3889679	3889679	3889912	-	6	234	GTG	TAA	0	0	
mORF_-_3889713	3889713	3889760	-	4	48	ATG	TAA	0	0	
mORF_-_3889873	3889873	3889896	-	5	24	GTG	TAA	0	0	
mORF_-_3889961	3889961	3890533	-	6	573	GTG	TAA	0	0	
mORF_-_3890014	3890014	3890028	-	5	15	ATG	TAG	0	0	
mORF_-_3890061	3890061	3890081	-	4	21	ATG	TAA	0	0	
mORF_-_3890092	3890092	3890130	-	5	39	TTG	TAA	0	0	
mORF_-_3890164	3890164	3890214	-	5	51	GTG	TAA	0	0	
mORF_-_3890302	3890302	3890313	-	5	12	GTG	TGA	0	0	
mORF_-_3890386	3890386	3890415	-	5	30	ATG	TGA	0	0	

mORF_-_3890431	3890431	3890439	-	5	9	GTG	TAA	0	0	
mORF_-_3890485	3890485	3890502	-	5	18	GTG	TGA	0	0	
mORF_-_3890499	3890499	3890510	-	4	12	ATG	TGA	0	0	
mORF_-_3890530	3890530	3890697	-	5	168	ATG	TGA	0	0	
mORF_-_3890579	3890579	3890734	-	6	156	ATG	TGA	0	0	
mORF_-_3890655	3890655	3891119	-	4	465	ATG	TGA	0	0	
mORF_-_3890752	3890752	3890838	-	5	87	TTG	TAA	0	0	
mORF_-_3890816	3890816	3890983	-	6	168	GTG	TGA	0	0	
mORF_-_3890959	3890959	3891060	-	5	102	GTG	TGA	0	0	
mORF_-_3890993	3890993	3891103	-	6	111	GTG	TGA	0	0	
mORF_-_3891100	3891100	3891150	-	5	51	TTG	TGA	0	0	
mORF_-_3891153	3891153	3891173	-	4	21	TTG	TAA	0	0	
mORF_-_3891189	3891189	3891296	-	4	108	ATG	TAA	0	0	
mORF_-_3891199	3891199	3891255	-	5	57	ATG	TAA	0	0	
mORF_-_3891300	3891300	3891344	-	4	45	TTG	TAA	0	0	
mORF_-_3891314	3891314	3891358	-	6	45	GTG	TAA	0	0	
mORF_-_3891337	3891337	3891366	-	5	30	TTG	TAA	0	0	
mORF_-_3891363	3891363	3891383	-	4	21	GTG	TGA	0	0	
mORF_-_3891388	3891388	3891402	-	5	15	ATG	TAA	0	0	
mORF_-_3891393	3891393	3891536	-	4	144	TTG	TAA	0	0	
mORF_-_3891482	3891482	3891511	-	6	30	GTG	TAG	0	0	
mORF_-_3891508	3891508	3891528	-	5	21	TTG	TGA	0	0	
mORF_-_3891541	3891541	3891687	-	5	147	ATG	TAG	0	0	
mORF_-_3891573	3891573	3891578	-	4	6	TTG	TAG	0	0	
mORF_-_3891588	3891588	3891719	-	4	132	ATG	TGA	0	0	
mORF_-_3891719	3891719	3891778	-	6	60	GTG	TAA	0	0	
mORF_-_3891729	3891729	3891848	-	4	120	ATG	TAA	0	0	
mORF_-_3891775	3891775	3891876	-	5	102	ATG	TGA	0	0	
mORF_-_3891845	3891845	3891886	-	6	42	ATG	TGA	0	0	
mORF_-_3891873	3891873	3891893	-	4	21	ATG	TGA	0	0	
mORF_-_3891886	3891886	3891915	-	5	30	GTG	TAA	0	0	
mORF_-_3891931	3891931	3892011	-	5	81	TTG	TAA	0	0	
mORF_-_3891978	3891978	3891995	-	4	18	ATG	TGA	0	0	
mORF_-_3892008	3892008	3892148	-	4	141	ATG	TGA	0	0	
mORF_-_3892118	3892118	3892249	-	6	132	GTG	TGA	0	0	
mORF_-_3892216	3892216	3892266	-	5	51	GTG	TAG	0	0	
mORF_-_3892239	3892239	3892415	-	4	177	ATG	TGA	0	0	
mORF_-_3892288	3892288	3892305	-	5	18	TTG	TAG	0	0	
mORF_-_3892363	3892363	3892449	-	5	87	ATG	TAG	0	0	
mORF_-_3892446	3892446	3892544	-	4	99	TTG	TGA	0	0	
mORF_-_3892534	3892534	3892620	-	5	87	TTG	TAA	0	0	
mORF_-_3892572	3892572	3892811	-	4	240	ATG	TGA	0	0	
mORF_-_3892625	3892625	3892660	-	6	36	TTG	TAG	0	0	
mORF_-_3892697	3892697	3892729	-	6	33	ATG	TAA	0	0	
mORF_-_3892730	3892730	3892747	-	6	18	GTG	TAA	0	0	
mORF_-_3892784	3892784	3892858	-	6	75	TTG	TGA	0	0	
mORF_-_3892792	3892792	3892986	-	5	195	TTG	TAA	0	0	
mORF_-_3892887	3892887	3892913	-	4	27	GTG	TGA	0	0	
mORF_-_3892910	3892910	3893092	-	6	183	TTG	TGA	0	0	
mORF_-_3892926	3892926	3892958	-	4	33	ATG	TAG	0	0	
mORF_-_3893023	3893023	3893268	-	5	246	ATG	TGA	0	0	
mORF_-_3893058	3893058	3893105	-	4	48	TTG	TGA	0	0	
mORF_-_3893114	3893114	3893209	-	6	96	ATG	TAA	0	0	
mORF_-_3893130	3893130	3893138	-	4	9	TTG	TGA	0	0	
mORF_-_3893231	3893231	3893260	-	6	30	TTG	TAA	0	0	
mORF_-_3893238	3893238	3893264	-	4	27	ATG	TAG	0	0	
mORF_-_3893261	3893261	3893317	-	6	57	TTG	TGA	0	0	
mORF_-_3893278	3893278	3893355	-	5	78	GTG	TAA	0	0	
mORF_-_3893295	3893295	3894632	-	4	1338	ATG	TAA	1	2	pORF_-_3893295
mORF_-_3893321	3893321	3893341	-	6	21	TTG	TGA	0	0	
mORF_-_3893360	3893360	3893368	-	6	9	GTG	TAA	0	0	
mORF_-_3893528	3893528	3893539	-	6	12	TTG	TGA	0	0	
mORF_-_3893546	3893546	3893629	-	6	84	TTG	TGA	0	0	

mORF_-_3893639	3893639	3893683	-	6	45	TTG	TGA	0	0
mORF_-_3893723	3893723	3893746	-	6	24	ATG	TGA	0	0
mORF_-_3893759	3893759	3893785	-	6	27	ATG	TGA	0	0
mORF_-_3893807	3893807	3893815	-	6	9	TTG	TGA	0	0
mORF_-_3893816	3893816	3893836	-	6	21	TTG	TGA	0	0
mORF_-_3893903	3893903	3893917	-	6	15	TTG	TAG	0	0
mORF_-_3893924	3893924	3893968	-	6	45	GTG	TAA	0	0
mORF_-_3893993	3893993	3894049	-	6	57	TTG	TGA	0	0
mORF_-_3894107	3894107	3894133	-	6	27	TTG	TGA	0	0
mORF_-_3894124	3894124	3894306	-	5	183	GTG	TAA	0	0
mORF_-_3894134	3894134	3894139	-	6	6	GTG	TGA	0	0
mORF_-_3894158	3894158	3894199	-	6	42	GTG	TGA	0	0
mORF_-_3894266	3894266	3894349	-	6	84	ATG	TAG	0	0
mORF_-_3894350	3894350	3894391	-	6	42	TTG	TGA	0	0
mORF_-_3894425	3894425	3894493	-	6	69	TTG	TGA	0	0
mORF_-_3894536	3894536	3894562	-	6	27	ATG	TGA	0	0
mORF_-_3894632	3894632	3894649	-	6	18	TTG	TAA	0	0
mORF_-_3894636	3894636	3894680	-	4	45	TTG	TAG	0	0
mORF_-_3894667	3894667	3894690	-	5	24	TTG	TAG	0	0
mORF_-_3894724	3894724	3894858	-	5	135	ATG	TAA	0	0
mORF_-_3894728	3894728	3894754	-	6	27	TTG	TAA	0	0
mORF_-_3894782	3894782	3894982	-	6	201	ATG	TAA	0	0
mORF_-_3894855	3894855	3894872	-	4	18	ATG	TGA	0	0
mORF_-_3894886	3894886	3894936	-	5	51	TTG	TGA	0	0
mORF_-_3894992	3894992	3895015	-	6	24	GTG	TAA	0	0
mORF_-_3895018	3895018	3895158	-	5	141	TTG	TAA	0	0
mORF_-_3895088	3895088	3895174	-	6	87	GTG	TGA	0	0
mORF_-_3895095	3895095	3895106	-	4	12	TTG	TGA	0	0
mORF_-_3895119	3895119	3895130	-	4	12	TTG	TAG	0	0
mORF_-_3895194	3895194	3895313	-	4	120	GTG	TGA	0	0
mORF_-_3895210	3895210	3895284	-	5	75	ATG	TGA	0	0
mORF_-_3895235	3895235	3895246	-	6	12	ATG	TAA	0	0
mORF_-_3895298	3895298	3895408	-	6	111	ATG	TGA	0	0
mORF_-_3895345	3895345	3895368	-	5	24	TTG	TAG	0	0
mORF_-_3895381	3895381	3895506	-	5	126	TTG	TGA	0	0
mORF_-_3895452	3895452	3895460	-	4	9	ATG	TAA	0	0
mORF_-_3895467	3895467	3895481	-	4	15	GTG	TGA	0	0
mORF_-_3895503	3895503	3895664	-	4	162	TTG	TGA	0	0
mORF_-_3895538	3895538	3895558	-	6	21	GTG	TGA	0	0
mORF_-_3895586	3895586	3895660	-	6	75	ATG	TAA	0	0
mORF_-_3895612	3895612	3895617	-	5	6	ATG	TAG	0	0
mORF_-_3895695	3895695	3895754	-	4	60	GTG	TAG	0	0
mORF_-_3895751	3895751	3895831	-	6	81	ATG	TGA	0	0
mORF_-_3895762	3895762	3895803	-	5	42	GTG	TAA	0	0
mORF_-_3895810	3895810	3895941	-	5	132	ATG	TAG	0	0
mORF_-_3895899	3895899	3895910	-	4	12	ATG	TGA	0	0
mORF_-_3895941	3895941	3895970	-	4	30	ATG	TAA	0	0
mORF_-_3895993	3895993	3896025	-	5	33	TTG	TAA	0	0
mORF_-_3896018	3896018	3896053	-	6	36	TTG	TAG	0	0
mORF_-_3896050	3896050	3896079	-	5	30	TTG	TGA	0	0
mORF_-_3896066	3896066	3896152	-	6	87	TTG	TAA	0	0
mORF_-_3896076	3896076	3896111	-	4	36	ATG	TGA	0	0
mORF_-_3896083	3896083	3896091	-	5	9	TTG	TGA	0	0
mORF_-_3896159	3896159	3896419	-	6	261	ATG	TGA	0	0
mORF_-_3896263	3896263	3896376	-	5	114	GTG	TGA	0	0
mORF_-_3896328	3896328	3896339	-	4	12	ATG	TAA	0	0
mORF_-_3896446	3896446	3896493	-	5	48	TTG	TAG	0	0
mORF_-_3896537	3896537	3896596	-	6	60	GTG	TAG	0	0
mORF_-_3896575	3896575	3896670	-	5	96	GTG	TAA	0	0
mORF_-_3896633	3896633	3896674	-	6	42	ATG	TAA	0	0
mORF_-_3896667	3896667	3896672	-	4	6	GTG	TGA	0	0
mORF_-_3896694	3896694	3897416	-	4	723	ATG	TAA	0	0
mORF_-_3896741	3896741	3896806	-	6	66	ATG	TGA	0	0

mORF_-_3896810	3896810	3896842	-	6	33	TTG	TGA	0	0	
mORF_-_3896906	3896906	3897037	-	6	132	GTG	TAG	0	0	
mORF_-_3896986	3896986	3897021	-	5	36	TTG	TGA	0	0	
mORF_-_3897038	3897038	3897109	-	6	72	TTG	TAG	0	0	
mORF_-_3897182	3897182	3897376	-	6	195	GTG	TAA	0	0	
mORF_-_3897418	3897418	3897489	-	5	72	ATG	TAA	0	0	
mORF_-_3897431	3897431	3898633	-	6	1203	GTG	TAA	0	0	
mORF_-_3897493	3897493	3897540	-	5	48	TTG	TGA	0	0	
mORF_-_3897574	3897574	3897597	-	5	24	TTG	TAA	0	0	
mORF_-_3897643	3897643	3897714	-	5	72	TTG	TGA	0	0	
mORF_-_3897730	3897730	3897807	-	5	78	ATG	TGA	0	0	
mORF_-_3897844	3897844	3897870	-	5	27	ATG	TGA	0	0	
mORF_-_3897871	3897871	3897936	-	5	66	ATG	TGA	0	0	
mORF_-_3897955	3897955	3898122	-	5	168	ATG	TGA	0	0	
mORF_-_3898171	3898171	3898188	-	5	18	TTG	TGA	0	0	
mORF_-_3898258	3898258	3898299	-	5	42	ATG	TGA	0	0	
mORF_-_3898293	3898293	3898346	-	4	54	GTG	TGA	0	0	
mORF_-_3898372	3898372	3898404	-	5	33	GTG	TGA	0	0	
mORF_-_3898411	3898411	3898440	-	5	30	TTG	TAG	0	0	
mORF_-_3898453	3898453	3898470	-	5	18	ATG	TGA	0	0	
mORF_-_3898461	3898461	3898544	-	4	84	GTG	TAA	0	0	
mORF_-_3898480	3898480	3898485	-	5	6	ATG	TGA	0	0	
mORF_-_3898534	3898534	3898566	-	5	33	TTG	TAG	0	0	
mORF_-_3898576	3898576	3898587	-	5	12	TTG	TAA	0	0	
mORF_-_3898597	3898597	3898617	-	5	21	ATG	TGA	0	0	
mORF_-_3898617	3898617	3898697	-	4	81	ATG	TAA	0	0	
mORF_-_3898627	3898627	3900243	-	5	1617	ATG	TAA	0	0	
mORF_-_3898758	3898758	3898991	-	4	234	TTG	TGA	0	0	
mORF_-_3898883	3898883	3898897	-	6	15	TTG	TAA	0	0	
mORF_-_3899001	3899001	3899021	-	4	21	TTG	TAG	0	0	
mORF_-_3899043	3899043	3899192	-	4	150	TTG	TGA	0	0	
mORF_-_3899202	3899202	3899306	-	4	105	GTG	TAA	0	0	
mORF_-_3899313	3899313	3899441	-	4	129	TTG	TAA	0	0	
mORF_-_3899324	3899324	3899332	-	6	9	ATG	TAA	0	0	
mORF_-_3899475	3899475	3899690	-	4	216	ATG	TAG	0	0	
mORF_-_3899697	3899697	3899738	-	4	42	GTG	TGA	0	0	
mORF_-_3899745	3899745	3899882	-	4	138	ATG	TAA	0	0	
mORF_-_3899777	3899777	3899809	-	6	33	ATG	TAA	0	0	
mORF_-_3899813	3899813	3899842	-	6	30	TTG	TAA	0	0	
mORF_-_3899886	3899886	3899891	-	4	6	TTG	TGA	0	0	
mORF_-_3899913	3899913	3900032	-	4	120	ATG	TGA	0	0	
mORF_-_3900051	3900051	3900086	-	4	36	ATG	TGA	0	0	
mORF_-_3900132	3900132	3900143	-	4	12	TTG	TAG	0	0	
mORF_-_3900204	3900204	3900263	-	4	60	TTG	TAA	0	0	
mORF_-_3900253	3900253	3900285	-	5	33	ATG	TAA	0	0	
mORF_-_3900272	3900272	3900280	-	6	9	ATG	TAA	0	0	
mORF_-_3900312	3900312	3901724	-	4	1413	ATG	TAA	2	0	pORF_-_3900312
mORF_-_3900322	3900322	3900378	-	5	57	ATG	TAA	0	0	
mORF_-_3900362	3900362	3900481	-	6	120	GTG	TGA	0	0	
mORF_-_3900485	3900485	3900547	-	6	63	ATG	TAG	0	0	
mORF_-_3900490	3900490	3900504	-	5	15	TTG	TGA	0	0	
mORF_-_3900569	3900569	3900616	-	6	48	TTG	TAA	0	0	
mORF_-_3900613	3900613	3900678	-	5	66	TTG	TGA	0	0	
mORF_-_3900632	3900632	3900649	-	6	18	TTG	TAG	0	0	
mORF_-_3900686	3900686	3900715	-	6	30	TTG	TAA	0	0	
mORF_-_3900712	3900712	3900729	-	5	18	GTG	TGA	0	0	
mORF_-_3900764	3900764	3900814	-	6	51	GTG	TGA	0	0	
mORF_-_3900790	3900790	3900816	-	5	27	TTG	TAA	0	0	
mORF_-_3900860	3900860	3900877	-	6	18	GTG	TAA	0	0	
mORF_-_3900884	3900884	3901213	-	6	330	ATG	TGA	0	0	
mORF_-_3901213	3901213	3901227	-	5	15	ATG	TAA	0	0	
mORF_-_3901300	3901300	3901308	-	5	9	TTG	TAA	0	0	
mORF_-_3901322	3901322	3901333	-	6	12	ATG	TGA	0	0	

mORF_-_3901358	3901358	3901396	-	6	39	TTG	TAA	0	0	
mORF_-_3901415	3901415	3901558	-	6	144	ATG	TAG	0	0	
mORF_-_3901426	3901426	3901698	-	5	273	TTG	TGA	0	0	
mORF_-_3901604	3901604	3901693	-	6	90	GTG	TAA	0	0	
mORF_-_3901727	3901727	3901771	-	6	45	GTG	TAA	0	0	
mORF_-_3901743	3901743	3903695	-	4	1953	TTG	TAA	0	0	
mORF_-_3901778	3901778	3901819	-	6	42	ATG	TAA	0	0	
mORF_-_3901847	3901847	3901885	-	6	39	TTG	TGA	0	0	
mORF_-_3901892	3901892	3901921	-	6	30	GTG	TGA	0	0	
mORF_-_3901961	3901961	3901981	-	6	21	ATG	TAA	0	0	
mORF_-_3901985	3901985	3902161	-	6	177	TTG	TGA	0	0	
mORF_-_3902171	3902171	3902239	-	6	69	GTG	TGA	0	0	
mORF_-_3902257	3902257	3902301	-	5	45	TTG	TAA	0	0	
mORF_-_3902279	3902279	3902527	-	6	249	TTG	TGA	0	0	
mORF_-_3902537	3902537	3902575	-	6	39	ATG	TGA	0	0	
mORF_-_3902674	3902674	3902913	-	5	240	GTG	TAA	0	0	
mORF_-_3902744	3902744	3902800	-	6	57	TTG	TAA	0	0	
mORF_-_3902864	3902864	3902917	-	6	54	ATG	TGA	0	0	
mORF_-_3902917	3902917	3902943	-	5	27	GTG	TAA	0	0	
mORF_-_3902987	3902987	3903031	-	6	45	ATG	TGA	0	0	
mORF_-_3903077	3903077	3903091	-	6	15	TTG	TAG	0	0	
mORF_-_3903112	3903112	3903165	-	5	54	TTG	TAA	0	0	
mORF_-_3903149	3903149	3903178	-	6	30	GTG	TAA	0	0	
mORF_-_3903175	3903175	3903225	-	5	51	GTG	TGA	0	0	
mORF_-_3903194	3903194	3903208	-	6	15	GTG	TAA	0	0	
mORF_-_3903287	3903287	3903322	-	6	36	TTG	TGA	0	0	
mORF_-_3903329	3903329	3903424	-	6	96	ATG	TAA	0	0	
mORF_-_3903431	3903431	3903454	-	6	24	GTG	TAG	0	0	
mORF_-_3903491	3903491	3903520	-	6	30	ATG	TGA	0	0	
mORF_-_3903529	3903529	3903552	-	5	24	TTG	TAA	0	0	
mORF_-_3903563	3903563	3903568	-	6	6	TTG	TGA	0	0	
mORF_-_3903617	3903617	3903691	-	6	75	TTG	TGA	0	0	
mORF_-_3903717	3903717	3903731	-	4	15	TTG	TAA	0	0	
mORF_-_3903754	3903754	3904614	-	5	861	TTG	TGA	1	2	pORF_-_3903754
mORF_-_3903789	3903789	3903863	-	4	75	GTG	TAG	0	0	
mORF_-_3903818	3903818	3903871	-	6	54	ATG	TAA	0	0	
mORF_-_3903891	3903891	3903941	-	4	51	TTG	TAA	0	0	
mORF_-_3904053	3904053	3904076	-	4	24	ATG	TAA	0	0	
mORF_-_3904092	3904092	3904169	-	4	78	TTG	TGA	0	0	
mORF_-_3904166	3904166	3904231	-	6	66	GTG	TGA	0	0	
mORF_-_3904191	3904191	3904280	-	4	90	TTG	TAG	0	0	
mORF_-_3904271	3904271	3904288	-	6	18	TTG	TAA	0	0	
mORF_-_3904344	3904344	3904364	-	4	21	GTG	TAG	0	0	
mORF_-_3904374	3904374	3904382	-	4	9	TTG	TGA	0	0	
mORF_-_3904419	3904419	3904427	-	4	9	ATG	TGA	0	0	
mORF_-_3904434	3904434	3904442	-	4	9	ATG	TGA	0	0	
mORF_-_3904452	3904452	3904556	-	4	105	ATG	TAG	0	0	
mORF_-_3904556	3904556	3904630	-	6	75	GTG	TAA	0	0	
mORF_-_3904587	3904587	3904595	-	4	9	TTG	TGA	0	0	
mORF_-_3904627	3904627	3904686	-	5	60	ATG	TGA	0	0	
mORF_-_3904683	3904683	3904712	-	4	30	ATG	TGA	0	0	
mORF_-_3904700	3904700	3904756	-	6	57	TTG	TAA	0	0	
mORF_-_3904726	3904726	3904782	-	5	57	ATG	TAA	0	0	
mORF_-_3904810	3904810	3904845	-	5	36	TTG	TAA	0	0	
mORF_-_3904818	3904818	3904838	-	4	21	TTG	TAA	0	0	
mORF_-_3904854	3904854	3904925	-	4	72	GTG	TAA	0	0	
mORF_-_3904876	3904876	3905619	-	5	744	TTG	TAA	15	82	pORF_-_3904876
mORF_-_3904950	3904950	3904997	-	4	48	TTG	TGA	0	0	
mORF_-_3904970	3904970	3904975	-	6	6	TTG	TGA	0	0	
mORF_-_3905076	3905076	3905150	-	4	75	TTG	TGA	0	0	
mORF_-_3905223	3905223	3905315	-	4	93	TTG	TAA	0	0	
mORF_-_3905328	3905328	3905396	-	4	69	ATG	TGA	0	0	
mORF_-_3905412	3905412	3905489	-	4	78	ATG	TGA	0	0	

mORF_-_3905582	3905582	3905698	-	6	117	TTG	TAA	0	0	
mORF_-_3905616	3905616	3906389	-	4	774	ATG	TGA	10	31	pORF_-_3905616
mORF_-_3905695	3905695	3905739	-	5	45	TTG	TGA	0	0	
mORF_-_3905804	3905804	3905923	-	6	120	GTG	TGA	0	0	
mORF_-_3905812	3905812	3905904	-	5	93	GTG	TGA	0	0	
mORF_-_3905953	3905953	3905997	-	5	45	GTG	TAA	0	0	
mORF_-_3905987	3905987	3906121	-	6	135	GTG	TGA	0	0	
mORF_-_3906149	3906149	3906211	-	6	63	TTG	TGA	0	0	
mORF_-_3906311	3906311	3906319	-	6	9	ATG	TGA	0	0	
mORF_-_3906341	3906341	3906379	-	6	39	TTG	TGA	0	0	
mORF_-_3906386	3906386	3906406	-	6	21	ATG	TGA	0	0	
mORF_-_3906403	3906403	3906468	-	5	66	ATG	TGA	0	0	
mORF_-_3906450	3906450	3906461	-	4	12	GTG	TGA	0	0	
mORF_-_3906458	3906458	3906499	-	6	42	TTG	TGA	0	0	
mORF_-_3906480	3906480	3906575	-	4	96	TTG	TAA	0	0	
mORF_-_3906541	3906541	3906600	-	5	60	TTG	TAA	0	0	
mORF_-_3906572	3906572	3907462	-	6	891	ATG	TGA	1	7	pORF_-_3906572
mORF_-_3906582	3906582	3906674	-	4	93	ATG	TAA	0	0	
mORF_-_3906643	3906643	3906681	-	5	39	TTG	TGA	0	0	
mORF_-_3906688	3906688	3906696	-	5	9	TTG	TGA	0	0	
mORF_-_3906736	3906736	3906810	-	5	75	TTG	TGA	0	0	
mORF_-_3906792	3906792	3906881	-	4	90	GTG	TGA	0	0	
mORF_-_3906871	3906871	3906912	-	5	42	GTG	TGA	0	0	
mORF_-_3906934	3906934	3906990	-	5	57	TTG	TGA	0	0	
mORF_-_3906991	3906991	3907062	-	5	72	TTG	TGA	0	0	
mORF_-_3907102	3907102	3907131	-	5	30	ATG	TGA	0	0	
mORF_-_3907122	3907122	3907190	-	4	69	GTG	TAA	0	0	
mORF_-_3907195	3907195	3907236	-	5	42	GTG	TAA	0	0	
mORF_-_3907369	3907369	3907452	-	5	84	TTG	TGA	0	0	
mORF_-_3907449	3907449	3907478	-	4	30	ATG	TGA	0	0	
mORF_-_3907462	3907462	3908421	-	5	960	ATG	TAA	4	15	pORF_-_3907462
mORF_-_3907533	3907533	3907538	-	4	6	TTG	TGA	0	0	
mORF_-_3907560	3907560	3907598	-	4	39	TTG	TGA	0	0	
mORF_-_3907686	3907686	3907802	-	4	117	TTG	TGA	0	0	
mORF_-_3907827	3907827	3907853	-	4	27	GTG	TGA	0	0	
mORF_-_3907850	3907850	3908035	-	6	186	GTG	TGA	0	0	
mORF_-_3907857	3907857	3907868	-	4	12	TTG	TAA	0	0	
mORF_-_3907896	3907896	3908075	-	4	180	TTG	TGA	0	0	
mORF_-_3908097	3908097	3908114	-	4	18	TTG	TGA	0	0	
mORF_-_3908117	3908117	3908251	-	6	135	ATG	TGA	0	0	
mORF_-_3908181	3908181	3908267	-	4	87	TTG	TGA	0	0	
mORF_-_3908298	3908298	3908318	-	4	21	GTG	TGA	0	0	
mORF_-_3908325	3908325	3908336	-	4	12	TTG	TGA	0	0	
mORF_-_3908432	3908432	3908572	-	6	141	TTG	TGA	0	0	
mORF_-_3908446	3908446	3908457	-	5	12	ATG	TAA	0	0	
mORF_-_3908454	3908454	3908486	-	4	33	GTG	TGA	0	0	
mORF_-_3908508	3908508	3909548	-	4	1041	ATG	TAA	25	146	pORF_-_3908508
mORF_-_3908536	3908536	3908553	-	5	18	GTG	TAA	0	0	
mORF_-_3908573	3908573	3908578	-	6	6	GTG	TAG	0	0	
mORF_-_3908617	3908617	3908727	-	5	111	ATG	TAA	0	0	
mORF_-_3908696	3908696	3908731	-	6	36	ATG	TGA	0	0	
mORF_-_3908750	3908750	3908836	-	6	87	ATG	TGA	0	0	
mORF_-_3908846	3908846	3908908	-	6	63	GTG	TGA	0	0	
mORF_-_3908950	3908950	3909009	-	5	60	GTG	TAA	0	0	
mORF_-_3908975	3908975	3908995	-	6	21	TTG	TAA	0	0	
mORF_-_3909017	3909017	3909064	-	6	48	ATG	TGA	0	0	
mORF_-_3909077	3909077	3909085	-	6	9	TTG	TAG	0	0	
mORF_-_3909116	3909116	3909187	-	6	72	ATG	TGA	0	0	
mORF_-_3909136	3909136	3909144	-	5	9	GTG	TGA	0	0	
mORF_-_3909209	3909209	3909247	-	6	39	TTG	TGA	0	0	
mORF_-_3909248	3909248	3909325	-	6	78	TTG	TGA	0	0	
mORF_-_3909347	3909347	3909457	-	6	111	GTG	TAA	0	0	
mORF_-_3909412	3909412	3909600	-	5	189	TTG	TGA	0	0	

mORF_-_3909461	3909461	3909493	-	6	33	GTG	TGA	0	0	
mORF_-_3909494	3909494	3909517	-	6	24	TTG	TGA	0	0	
mORF_-_3909545	3909545	3909610	-	6	66	TTG	TGA	0	0	
mORF_-_3909668	3909668	3909703	-	6	36	TTG	TGA	0	0	
mORF_-_3909696	3909696	3909713	-	4	18	ATG	TGA	0	0	
mORF_-_3909704	3909704	3909709	-	6	6	TTG	TAA	0	0	
mORF_-_3909713	3909713	3909787	-	6	75	GTG	TAA	0	0	
mORF_-_3909784	3909784	3909858	-	5	75	ATG	TGA	0	0	
mORF_-_3909810	3909810	3909905	-	4	96	TTG	TAA	0	0	
mORF_-_3909862	3909862	3911691	-	5	1830	ATG	TAA	105	948	pORF_-_3909862
mORF_-_3909921	3909921	3909977	-	4	57	TTG	TGA	0	0	
mORF_-_3909978	3909978	3909992	-	4	15	ATG	TGA	0	0	
mORF_-_3910026	3910026	3910091	-	4	66	TTG	TAA	0	0	
mORF_-_3910101	3910101	3910160	-	4	60	TTG	TGA	0	0	
mORF_-_3910236	3910236	3910412	-	4	177	ATG	TGA	0	0	
mORF_-_3910521	3910521	3910586	-	4	66	TTG	TAA	0	0	
mORF_-_3910703	3910703	3910726	-	6	24	GTG	TGA	0	0	
mORF_-_3910737	3910737	3910814	-	4	78	TTG	TAG	0	0	
mORF_-_3910854	3910854	3910970	-	4	117	ATG	TAA	0	0	
mORF_-_3911031	3911031	3911072	-	4	42	TTG	TAA	0	0	
mORF_-_3911091	3911091	3911150	-	4	60	TTG	TGA	0	0	
mORF_-_3911211	3911211	3911264	-	4	54	GTG	TGA	0	0	
mORF_-_3911295	3911295	3911309	-	4	15	TTG	TGA	0	0	
mORF_-_3911310	3911310	3911348	-	4	39	GTG	TGA	0	0	
mORF_-_3911355	3911355	3911438	-	4	84	ATG	TAA	0	0	
mORF_-_3911439	3911439	3911498	-	4	60	ATG	TGA	0	0	
mORF_-_3911562	3911562	3911639	-	4	78	TTG	TGA	0	0	
mORF_-_3911652	3911652	3911726	-	4	75	TTG	TAG	0	0	
mORF_-_3911657	3911657	3911689	-	6	33	GTG	TGA	0	0	
mORF_-_3911813	3911813	3911824	-	6	12	ATG	TAA	0	0	
mORF_-_3911821	3911821	3911829	-	5	9	ATG	TGA	0	0	
mORF_-_3911839	3911839	3911856	-	5	18	GTG	TAA	0	0	
mORF_-_3911853	3911853	3913223	-	4	1371	ATG	TGA	48	311	pORF_-_3911853
mORF_-_3911864	3911864	3911905	-	6	42	GTG	TAA	0	0	
mORF_-_3911915	3911915	3911935	-	6	21	ATG	TAG	0	0	
mORF_-_3911942	3911942	3911962	-	6	21	TTG	TGA	0	0	
mORF_-_3911984	3911984	3912118	-	6	135	ATG	TAA	0	0	
mORF_-_3912173	3912173	3912316	-	6	144	TTG	TGA	0	0	
mORF_-_3912214	3912214	3912306	-	5	93	TTG	TGA	0	0	
mORF_-_3912328	3912328	3912339	-	5	12	TTG	TAA	0	0	
mORF_-_3912332	3912332	3912349	-	6	18	TTG	TGA	0	0	
mORF_-_3912371	3912371	3912412	-	6	42	ATG	TGA	0	0	
mORF_-_3912425	3912425	3912445	-	6	21	TTG	TAA	0	0	
mORF_-_3912476	3912476	3912514	-	6	39	GTG	TAG	0	0	
mORF_-_3912563	3912563	3912652	-	6	90	ATG	TAA	0	0	
mORF_-_3912683	3912683	3912703	-	6	21	TTG	TGA	0	0	
mORF_-_3912704	3912704	3912823	-	6	120	ATG	TGA	0	0	
mORF_-_3912836	3912836	3912871	-	6	36	GTG	TGA	0	0	
mORF_-_3912923	3912923	3912973	-	6	51	ATG	TAA	0	0	
mORF_-_3913085	3913085	3913192	-	6	108	TTG	TAG	0	0	
mORF_-_3913205	3913205	3913213	-	6	9	ATG	TGA	0	0	
mORF_-_3913217	3913217	3913267	-	6	51	GTG	TGA	0	0	
mORF_-_3913278	3913278	3913370	-	4	93	GTG	TAG	0	0	
mORF_-_3913319	3913319	3913354	-	6	36	ATG	TGA	0	0	
mORF_-_3913415	3913415	3913447	-	6	33	TTG	TGA	0	0	
mORF_-_3913500	3913500	3913568	-	4	69	TTG	TAG	0	0	
mORF_-_3913514	3913514	3913525	-	6	12	TTG	TGA	0	0	
mORF_-_3913576	3913576	3913995	-	5	420	ATG	TAA	29	899	pORF_-_3913576
mORF_-_3913764	3913764	3913787	-	4	24	TTG	TGA	0	0	
mORF_-_3913845	3913845	3913904	-	4	60	GTG	TGA	0	0	
mORF_-_3913986	3913986	3914000	-	4	15	GTG	TGA	0	0	
mORF_-_3913997	3913997	3914122	-	6	126	GTG	TGA	0	0	
mORF_-_3914016	3914016	3915398	-	4	1383	ATG	TAA	217	12546	pORF_-_3914016

mORF_-_3914135	3914135	3914221	-	6	87	GTG	TGA	0	0	
mORF_-_3914225	3914225	3914257	-	6	33	ATG	TAG	0	0	
mORF_-_3914285	3914285	3914395	-	6	111	TTG	TGA	0	0	
mORF_-_3914432	3914432	3914461	-	6	30	TTG	TGA	0	0	
mORF_-_3914486	3914486	3914494	-	6	9	ATG	TGA	0	0	
mORF_-_3914600	3914600	3914704	-	6	105	GTG	TAG	0	0	
mORF_-_3914732	3914732	3914740	-	6	9	TTG	TGA	0	0	
mORF_-_3914768	3914768	3914779	-	6	12	ATG	TGA	0	0	
mORF_-_3914816	3914816	3914857	-	6	42	GTG	TGA	0	0	
mORF_-_3914858	3914858	3914869	-	6	12	TTG	TAG	0	0	
mORF_-_3914936	3914936	3914962	-	6	27	TTG	TAG	0	0	
mORF_-_3914974	3914974	3915078	-	5	105	TTG	TAA	0	0	
mORF_-_3914990	3914990	3915091	-	6	102	GTG	TGA	0	0	
mORF_-_3915104	3915104	3915121	-	6	18	GTG	TGA	0	0	
mORF_-_3915158	3915158	3915172	-	6	15	TTG	TAG	0	0	
mORF_-_3915191	3915191	3915358	-	6	168	TTG	TAA	0	0	
mORF_-_3915371	3915371	3915382	-	6	12	TTG	TAA	0	0	
mORF_-_3915425	3915425	3916288	-	6	864	ATG	TAA	81	2181	pORF_-_3915425
mORF_-_3915517	3915517	3915531	-	5	15	ATG	TGA	0	0	
mORF_-_3915547	3915547	3915621	-	5	75	ATG	TGA	0	0	
mORF_-_3915691	3915691	3915780	-	5	90	TTG	TGA	0	0	
mORF_-_3915841	3915841	3915894	-	5	54	ATG	TGA	0	0	
mORF_-_3915861	3915861	3915953	-	4	93	ATG	TAA	0	0	
mORF_-_3916008	3916008	3916028	-	4	21	GTG	TAA	0	0	
mORF_-_3916015	3916015	3916131	-	5	117	TTG	TGA	0	0	
mORF_-_3916132	3916132	3916302	-	5	171	TTG	TGA	0	0	
mORF_-_3916319	3916319	3916327	-	6	9	TTG	TAG	0	0	
mORF_-_3916339	3916339	3917880	-	5	1542	ATG	TAA	170	6212	pORF_-_3916339
mORF_-_3916380	3916380	3916412	-	4	33	GTG	TGA	0	0	
mORF_-_3916434	3916434	3916574	-	4	141	ATG	TGA	0	0	
mORF_-_3916599	3916599	3916709	-	4	111	GTG	TGA	0	0	
mORF_-_3916722	3916722	3916832	-	4	111	ATG	TGA	0	0	
mORF_-_3916845	3916845	3916877	-	4	33	GTG	TAA	0	0	
mORF_-_3916929	3916929	3917099	-	4	171	ATG	TGA	0	0	
mORF_-_3917109	3917109	3917162	-	4	54	ATG	TGA	0	0	
mORF_-_3917129	3917129	3917155	-	6	27	TTG	TGA	0	0	
mORF_-_3917205	3917205	3917375	-	4	171	GTG	TAG	0	0	
mORF_-_3917261	3917261	3917305	-	6	45	ATG	TAA	0	0	
mORF_-_3917382	3917382	3917399	-	4	18	GTG	TGA	0	0	
mORF_-_3917412	3917412	3917423	-	4	12	TTG	TGA	0	0	
mORF_-_3917493	3917493	3917585	-	4	93	TTG	TAG	0	0	
mORF_-_3917555	3917555	3917614	-	6	60	GTG	TAA	0	0	
mORF_-_3917622	3917622	3917666	-	4	45	GTG	TGA	0	0	
mORF_-_3917724	3917724	3917777	-	4	54	GTG	TGA	0	0	
mORF_-_3917729	3917729	3917743	-	6	15	TTG	TGA	0	0	
mORF_-_3917778	3917778	3917813	-	4	36	GTG	TAA	0	0	
mORF_-_3917814	3917814	3917834	-	4	21	TTG	TGA	0	0	
mORF_-_3917871	3917871	3917960	-	4	90	GTG	TGA	0	0	
mORF_-_3917893	3917893	3918426	-	5	534	ATG	TAA	44	1715	pORF_-_3917893
mORF_-_3917993	3917993	3918007	-	6	15	TTG	TAA	0	0	
mORF_-_3918009	3918009	3918074	-	4	66	GTG	TGA	0	0	
mORF_-_3918099	3918099	3918119	-	4	21	GTG	TAG	0	0	
mORF_-_3918120	3918120	3918179	-	4	60	ATG	TGA	0	0	
mORF_-_3918198	3918198	3918272	-	4	75	TTG	TGA	0	0	
mORF_-_3918227	3918227	3918235	-	6	9	TTG	TGA	0	0	
mORF_-_3918312	3918312	3918326	-	4	15	TTG	TAA	0	0	
mORF_-_3918351	3918351	3918380	-	4	30	TTG	TAG	0	0	
mORF_-_3918419	3918419	3918586	-	6	168	TTG	TGA	0	0	
mORF_-_3918441	3918441	3918911	-	4	471	GTG	TAA	76	1907	pORF_-_3918441
mORF_-_3918716	3918716	3918793	-	6	78	TTG	TGA	0	0	
mORF_-_3918787	3918787	3918837	-	5	51	ATG	TGA	0	0	
mORF_-_3918845	3918845	3918871	-	6	27	TTG	TGA	0	0	
mORF_-_3918901	3918901	3918918	-	5	18	TTG	TAA	0	0	

mORF_-_3918908	3918908	3918916	-	6	9	GTG	TGA	0	0	
mORF_-_3918928	3918928	3918966	-	5	39	TTG	TAA	0	0	
mORF_-_3918973	3918973	3919212	-	5	240	ATG	TAG	1	0	pORF_-_3918973
mORF_-_3919017	3919017	3919031	-	4	15	ATG	TGA	0	0	
mORF_-_3919077	3919077	3919145	-	4	69	GTG	TGA	0	0	
mORF_-_3919259	3919259	3920074	-	6	816	ATG	TAA	4	44	pORF_-_3919259
mORF_-_3919269	3919269	3919385	-	4	117	GTG	TGA	0	0	
mORF_-_3919333	3919333	3919362	-	5	30	ATG	TGA	0	0	
mORF_-_3919363	3919363	3919401	-	5	39	TTG	TGA	0	0	
mORF_-_3919414	3919414	3919428	-	5	15	ATG	TGA	0	0	
mORF_-_3919480	3919480	3919491	-	5	12	TTG	TAA	0	0	
mORF_-_3919633	3919633	3919689	-	5	57	TTG	TGA	0	0	
mORF_-_3919756	3919756	3919773	-	5	18	TTG	TGA	0	0	
mORF_-_3919774	3919774	3919791	-	5	18	ATG	TGA	0	0	
mORF_-_3919804	3919804	3919821	-	5	18	TTG	TGA	0	0	
mORF_-_3919828	3919828	3919866	-	5	39	GTG	TGA	0	0	
mORF_-_3919885	3919885	3919947	-	5	63	TTG	TAG	0	0	
mORF_-_3920083	3920083	3920475	-	5	393	GTG	TAA	0	0	
mORF_-_3920096	3920096	3920143	-	6	48	GTG	TAA	0	0	
mORF_-_3920172	3920172	3920294	-	4	123	TTG	TAA	0	0	
mORF_-_3920312	3920312	3920536	-	6	225	TTG	TAA	0	0	
mORF_-_3920340	3920340	3920390	-	4	51	GTG	TAA	0	0	
mORF_-_3920397	3920397	3920435	-	4	39	TTG	TGA	0	0	
mORF_-_3920520	3920520	3920543	-	4	24	TTG	TAA	0	0	
mORF_-_3920540	3920540	3920554	-	6	15	TTG	TGA	0	0	
mORF_-_3920551	3920551	3920637	-	5	87	TTG	TGA	0	0	
mORF_-_3920556	3920556	3920597	-	4	42	TTG	TAA	0	0	
mORF_-_3920613	3920613	3920633	-	4	21	ATG	TAA	0	0	
mORF_-_3920652	3920652	3920696	-	4	45	GTG	TAG	1	0	pORF_-_3920652
mORF_-_3920714	3920714	3920743	-	6	30	GTG	TGA	0	0	
mORF_-_3920719	3920719	3920748	-	5	30	ATG	TGA	0	0	
mORF_-_3920751	3920751	3920780	-	4	30	TTG	TAA	0	0	
mORF_-_3920755	3920755	3920829	-	5	75	ATG	TAA	0	0	
mORF_-_3920793	3920793	3920840	-	4	48	TTG	TGA	0	0	
mORF_-_3920816	3920816	3920881	-	6	66	TTG	TAA	0	0	
mORF_-_3920830	3920830	3920847	-	5	18	GTG	TAA	0	0	
mORF_-_3920904	3920904	3920924	-	4	21	GTG	TAA	0	0	
mORF_-_3920924	3920924	3920977	-	6	54	TTG	TAG	0	0	
mORF_-_3920932	3920932	3920949	-	5	18	TTG	TAA	0	0	
mORF_-_3921043	3921043	3921054	-	5	12	TTG	TAG	0	0	
mORF_-_3921080	3921080	3921703	-	6	624	GTG	TAA	7	16	pORF_-_3921080
mORF_-_3921100	3921100	3921192	-	5	93	ATG	TGA	0	0	
mORF_-_3921211	3921211	3921237	-	5	27	GTG	TGA	0	0	
mORF_-_3921234	3921234	3921254	-	4	21	GTG	TGA	0	0	
mORF_-_3921271	3921271	3921282	-	5	12	TTG	TGA	0	0	
mORF_-_3921295	3921295	3921306	-	5	12	TTG	TAA	0	0	
mORF_-_3921331	3921331	3921564	-	5	234	ATG	TAG	0	0	
mORF_-_3921564	3921564	3921605	-	4	42	ATG	TAA	0	0	
mORF_-_3921619	3921619	3921630	-	5	12	TTG	TGA	0	0	
mORF_-_3921709	3921709	3921756	-	5	48	ATG	TAA	0	0	
mORF_-_3921767	3921767	3923656	-	6	1890	ATG	TAA	28	160	pORF_-_3921767
mORF_-_3921774	3921774	3921806	-	4	33	GTG	TAG	0	0	
mORF_-_3921898	3921898	3922032	-	5	135	TTG	TGA	0	0	
mORF_-_3922057	3922057	3922071	-	5	15	TTG	TGA	0	0	
mORF_-_3922087	3922087	3922098	-	5	12	ATG	TAA	0	0	
mORF_-_3922102	3922102	3922143	-	5	42	GTG	TGA	0	0	
mORF_-_3922159	3922159	3922170	-	5	12	ATG	TGA	0	0	
mORF_-_3922216	3922216	3922299	-	5	84	GTG	TGA	0	0	
mORF_-_3922257	3922257	3922271	-	4	15	TTG	TAA	0	0	
mORF_-_3922312	3922312	3922329	-	5	18	ATG	TGA	0	0	
mORF_-_3922329	3922329	3922406	-	4	78	GTG	TAA	0	0	
mORF_-_3922396	3922396	3922416	-	5	21	TTG	TAG	0	0	
mORF_-_3922413	3922413	3922457	-	4	45	TTG	TGA	0	0	

mORF_-_3922417	3922417	3922557	-	5	141	TTG	TAG	0	0	
mORF_-_3922597	3922597	3922743	-	5	147	ATG	TGA	0	0	
mORF_-_3922750	3922750	3922845	-	5	96	GTG	TGA	0	0	
mORF_-_3922894	3922894	3923043	-	5	150	TTG	TGA	0	0	
mORF_-_3922899	3922899	3922934	-	4	36	GTG	TGA	0	0	
mORF_-_3923065	3923065	3923217	-	5	153	GTG	TGA	0	0	
mORF_-_3923224	3923224	3923283	-	5	60	TTG	TGA	0	0	
mORF_-_3923302	3923302	3923355	-	5	54	GTG	TGA	0	0	
mORF_-_3923449	3923449	3923466	-	5	18	ATG	TGA	0	0	
mORF_-_3923476	3923476	3923496	-	5	21	TTG	TAA	0	0	
mORF_-_3923551	3923551	3923637	-	5	87	TTG	TGA	0	0	
mORF_-_3923634	3923634	3923720	-	4	87	TTG	TGA	0	0	
mORF_-_3923791	3923791	3923874	-	5	84	ATG	TAG	0	0	
mORF_-_3923807	3923807	3923818	-	6	12	GTG	TAA	0	0	
mORF_-_3923874	3923874	3924023	-	4	150	GTG	TAA	0	0	
mORF_-_3923917	3923917	3923937	-	5	21	GTG	TGA	0	0	
mORF_-_3923930	3923930	3923989	-	6	60	TTG	TAA	0	0	
mORF_-_3923941	3923941	3923955	-	5	15	TTG	TGA	0	0	
mORF_-_3924004	3924004	3924102	-	5	99	TTG	TAA	0	0	
mORF_-_3924035	3924035	3924478	-	6	444	ATG	TAA	8	69	pORF_-_3924035
mORF_-_3924048	3924048	3924068	-	4	21	ATG	TAA	0	0	
mORF_-_3924115	3924115	3924306	-	5	192	GTG	TGA	0	0	
mORF_-_3924168	3924168	3924185	-	4	18	TTG	TAA	0	0	
mORF_-_3924408	3924408	3924488	-	4	81	GTG	TGA	0	0	
mORF_-_3924424	3924424	3924438	-	5	15	GTG	TAG	0	0	
mORF_-_3924568	3924568	3925026	-	5	459	ATG	TGA	1	3	pORF_-_3924568
mORF_-_3924609	3924609	3924665	-	4	57	ATG	TGA	0	0	
mORF_-_3924635	3924635	3924691	-	6	57	GTG	TGA	0	0	
mORF_-_3924699	3924699	3924752	-	4	54	TTG	TAA	0	0	
mORF_-_3924822	3924822	3924857	-	4	36	TTG	TAG	0	0	
mORF_-_3924897	3924897	3924968	-	4	72	ATG	TAG	0	0	
mORF_-_3924975	3924975	3924995	-	4	21	GTG	TAA	0	0	
mORF_-_3925036	3925036	3925056	-	5	21	ATG	TAA	0	0	
mORF_-_3925076	3925076	3925087	-	6	12	TTG	TAA	0	0	
mORF_-_3925115	3925115	3925390	-	6	276	ATG	TAA	0	0	
mORF_-_3925189	3925189	3925200	-	5	12	TTG	TAA	0	0	
mORF_-_3925240	3925240	3925308	-	5	69	GTG	TGA	0	0	
mORF_-_3925287	3925287	3925394	-	4	108	GTG	TAA	0	0	
mORF_-_3925411	3925411	3925464	-	5	54	ATG	TGA	0	0	
mORF_-_3925418	3925418	3925684	-	6	267	GTG	TAA	0	0	
mORF_-_3925561	3925561	3925584	-	5	24	GTG	TGA	0	0	
mORF_-_3925608	3925608	3925616	-	4	9	TTG	TAA	0	0	
mORF_-_3925629	3925629	3925823	-	4	195	GTG	TAA	0	0	
mORF_-_3925694	3925694	3925810	-	6	117	GTG	TAA	0	0	
mORF_-_3925705	3925705	3925788	-	5	84	TTG	TAA	0	0	
mORF_-_3925828	3925828	3925956	-	5	129	GTG	TAA	0	0	
mORF_-_3925850	3925850	3926287	-	6	438	ATG	TGA	1	6	pORF_-_3925850
mORF_-_3926014	3926014	3926049	-	5	36	ATG	TGA	0	0	
mORF_-_3926175	3926175	3927626	-	4	1452	ATG	TAA	1	0	pORF_-_3926175
mORF_-_3926372	3926372	3926458	-	6	87	GTG	TGA	0	0	
mORF_-_3926389	3926389	3926436	-	5	48	TTG	TGA	0	0	
mORF_-_3926471	3926471	3926578	-	6	108	TTG	TAA	0	0	
mORF_-_3926515	3926515	3926613	-	5	99	GTG	TGA	0	0	
mORF_-_3926585	3926585	3926683	-	6	99	ATG	TGA	0	0	
mORF_-_3926714	3926714	3926791	-	6	78	ATG	TGA	0	0	
mORF_-_3926722	3926722	3926730	-	5	9	GTG	TGA	0	0	
mORF_-_3926810	3926810	3926932	-	6	123	ATG	TAG	0	0	
mORF_-_3926990	3926990	3927019	-	6	30	GTG	TGA	0	0	
mORF_-_3927026	3927026	3927031	-	6	6	TTG	TGA	0	0	
mORF_-_3927032	3927032	3927049	-	6	18	GTG	TGA	0	0	
mORF_-_3927052	3927052	3927078	-	5	27	GTG	TAA	0	0	
mORF_-_3927068	3927068	3927121	-	6	54	TTG	TGA	0	0	
mORF_-_3927137	3927137	3927157	-	6	21	GTG	TGA	0	0	

mORF_-_3927154	3927154	3927234	-	5	81	TTG	TGA	0	0	
mORF_-_3927224	3927224	3927286	-	6	63	TTG	TAA	0	0	
mORF_-_3927283	3927283	3927402	-	5	120	GTG	TGA	0	0	
mORF_-_3927320	3927320	3927361	-	6	42	TTG	TGA	0	0	
mORF_-_3927404	3927404	3927439	-	6	36	ATG	TGA	0	0	
mORF_-_3927443	3927443	3927484	-	6	42	ATG	TGA	0	0	
mORF_-_3927500	3927500	3927520	-	6	21	TTG	TGA	0	0	
mORF_-_3927599	3927599	3927604	-	6	6	ATG	TGA	0	0	
mORF_-_3927604	3927604	3927675	-	5	72	TTG	TAA	0	0	
mORF_-_3927620	3927620	3929140	-	6	1521	TTG	TAA	9	25	pORF_-_3927620
mORF_-_3927672	3927672	3927710	-	4	39	ATG	TGA	0	0	
mORF_-_3927682	3927682	3927759	-	5	78	TTG	TAG	0	0	
mORF_-_3927778	3927778	3927786	-	5	9	GTG	TAA	0	0	
mORF_-_3927841	3927841	3927876	-	5	36	TTG	TAA	0	0	
mORF_-_3927886	3927886	3927900	-	5	15	TTG	TGA	0	0	
mORF_-_3927913	3927913	3927936	-	5	24	GTG	TGA	0	0	
mORF_-_3927930	3927930	3927950	-	4	21	GTG	TGA	0	0	
mORF_-_3927943	3927943	3927999	-	5	57	ATG	TGA	0	0	
mORF_-_3928108	3928108	3928170	-	5	63	TTG	TAA	0	0	
mORF_-_3928213	3928213	3928224	-	5	12	TTG	TGA	0	0	
mORF_-_3928243	3928243	3928260	-	5	18	ATG	TGA	0	0	
mORF_-_3928257	3928257	3928271	-	4	15	TTG	TGA	0	0	
mORF_-_3928291	3928291	3928386	-	5	96	ATG	TAG	0	0	
mORF_-_3928423	3928423	3928533	-	5	111	ATG	TGA	0	0	
mORF_-_3928581	3928581	3928592	-	4	12	GTG	TAA	0	0	
mORF_-_3928600	3928600	3928614	-	5	15	ATG	TGA	0	0	
mORF_-_3928690	3928690	3928788	-	5	99	TTG	TAG	0	0	
mORF_-_3928816	3928816	3928839	-	5	24	ATG	TAA	0	0	
mORF_-_3928843	3928843	3928869	-	5	27	TTG	TAA	0	0	
mORF_-_3928900	3928900	3928923	-	5	24	ATG	TGA	0	0	
mORF_-_3928954	3928954	3929004	-	5	51	GTG	TGA	0	0	
mORF_-_3928998	3928998	3929024	-	4	27	GTG	TGA	0	0	
mORF_-_3929014	3929014	3929049	-	5	36	ATG	TAG	0	0	
mORF_-_3929137	3929137	3929310	-	5	174	GTG	TGA	0	0	
mORF_-_3929184	3929184	3929198	-	4	15	TTG	TAG	0	0	
mORF_-_3929226	3929226	3929240	-	4	15	ATG	TAA	0	0	
mORF_-_3929261	3929261	3929317	-	6	57	ATG	TAA	0	0	
mORF_-_3929301	3929301	3929324	-	4	24	TTG	TAG	0	0	
mORF_-_3929321	3929321	3929359	-	6	39	TTG	TGA	0	0	
mORF_-_3929332	3929332	3929346	-	5	15	GTG	TAG	0	0	
mORF_-_3929337	3929337	3929363	-	4	27	ATG	TAG	0	0	
mORF_-_3929373	3929373	3929432	-	4	60	GTG	TAA	0	0	
mORF_-_3929398	3929398	3929634	-	5	237	GTG	TAG	0	0	
mORF_-_3929544	3929544	3929639	-	4	96	TTG	TGA	0	0	
mORF_-_3929677	3929677	3929793	-	5	117	GTG	TAG	0	0	
mORF_-_3929691	3929691	3929699	-	4	9	GTG	TGA	0	0	
mORF_-_3929703	3929703	3929780	-	4	78	TTG	TAG	0	0	
mORF_-_3929798	3929798	3929818	-	6	21	ATG	TAA	0	0	
mORF_-_3929809	3929809	3930084	-	5	276	GTG	TGA	0	0	
mORF_-_3929891	3929891	3929953	-	6	63	ATG	TAA	0	0	
mORF_-_3929907	3929907	3929939	-	4	33	TTG	TAG	0	0	
mORF_-_3929982	3929982	3929990	-	4	9	ATG	TAA	0	0	
mORF_-_3929990	3929990	3930049	-	6	60	GTG	TAA	0	0	
mORF_-_3930121	3930121	3930213	-	5	93	ATG	TGA	0	0	
mORF_-_3930156	3930156	3930182	-	4	27	GTG	TAA	0	0	
mORF_-_3930210	3930210	3930221	-	4	12	GTG	TGA	0	0	
mORF_-_3930249	3930249	3930269	-	4	21	ATG	TAA	0	0	
mORF_-_3930266	3930266	3930322	-	6	57	GTG	TGA	0	0	
mORF_-_3930277	3930277	3930315	-	5	39	ATG	TGA	0	0	
mORF_-_3930319	3930319	3930324	-	5	6	GTG	TGA	0	0	
mORF_-_3930338	3930338	3930700	-	6	363	ATG	TGA	0	0	
mORF_-_3930376	3930376	3930462	-	5	87	ATG	TAG	0	0	
mORF_-_3930486	3930486	3930569	-	4	84	ATG	TAG	0	0	

mORF_-_3930499	3930499	3930933	-	5	435	GTG	TGA	0	0
mORF_-_3930579	3930579	3930617	-	4	39	ATG	TAG	0	0
mORF_-_3930639	3930639	3930788	-	4	150	TTG	TAA	0	0
mORF_-_3930740	3930740	3930844	-	6	105	ATG	TGA	0	0
mORF_-_3930822	3930822	3930977	-	4	156	TTG	TAA	0	0
mORF_-_3930860	3930860	3930997	-	6	138	GTG	TAA	0	0
mORF_-_3930955	3930955	3931107	-	5	153	TTG	TAA	0	0
mORF_-_3931016	3931016	3931252	-	6	237	ATG	TAA	0	0
mORF_-_3931047	3931047	3931169	-	4	123	TTG	TAA	0	0
mORF_-_3931204	3931204	3931230	-	5	27	ATG	TAG	0	0
mORF_-_3931227	3931227	3931289	-	4	63	GTG	TGA	0	0
mORF_-_3931255	3931255	3931305	-	5	51	GTG	TAA	0	0
mORF_-_3931286	3931286	3931291	-	6	6	ATG	TGA	0	0
mORF_-_3931302	3931302	3931319	-	4	18	TTG	TGA	0	0
mORF_-_3931343	3931343	3931630	-	6	288	GTG	TGA	0	0
mORF_-_3931393	3931393	3931503	-	5	111	ATG	TAA	0	0
mORF_-_3931407	3931407	3931433	-	4	27	ATG	TGA	0	0
mORF_-_3931503	3931503	3931802	-	4	300	ATG	TAA	0	0
mORF_-_3931546	3931546	3931551	-	5	6	TTG	TGA	0	0
mORF_-_3931631	3931631	3931669	-	6	39	ATG	TGA	0	0
mORF_-_3931679	3931679	3931702	-	6	24	TTG	TAA	0	0
mORF_-_3931721	3931721	3931768	-	6	48	ATG	TGA	0	0
mORF_-_3931799	3931799	3931810	-	6	12	ATG	TGA	0	0
mORF_-_3931815	3931815	3931829	-	4	15	ATG	TGA	0	0
mORF_-_3931881	3931881	3931958	-	4	78	ATG	TAG	0	0
mORF_-_3931949	3931949	3932008	-	6	60	ATG	TAA	0	0
mORF_-_3931984	3931984	3932454	-	5	471	TTG	TAA	0	0
mORF_-_3932009	3932009	3932020	-	6	12	TTG	TAA	0	0
mORF_-_3932055	3932055	3932351	-	4	297	ATG	TGA	0	0
mORF_-_3932385	3932385	3932522	-	4	138	TTG	TAG	0	0
mORF_-_3932456	3932456	3932482	-	6	27	GTG	TAA	0	0
mORF_-_3932479	3932479	3932544	-	5	66	GTG	TGA	0	0
mORF_-_3932532	3932532	3932630	-	4	99	TTG	TGA	0	0
mORF_-_3932618	3932618	3932704	-	6	87	GTG	TAA	0	0
mORF_-_3932694	3932694	3932714	-	4	21	GTG	TAG	0	0
mORF_-_3932704	3932704	3932742	-	5	39	ATG	TAG	0	0
mORF_-_3932721	3932721	3932852	-	4	132	ATG	TAA	0	0
mORF_-_3932750	3932750	3932779	-	6	30	TTG	TAA	0	0
mORF_-_3932836	3932836	3933108	-	5	273	TTG	TGA	0	0
mORF_-_3932871	3932871	3932999	-	4	129	TTG	TAG	0	0
mORF_-_3932945	3932945	3933037	-	6	93	GTG	TAA	0	0
mORF_-_3933000	3933000	3933044	-	4	45	TTG	TGA	0	0
mORF_-_3933105	3933105	3933281	-	4	177	TTG	TGA	0	0
mORF_-_3933143	3933143	3933157	-	6	15	ATG	TGA	0	0
mORF_-_3933175	3933175	3933216	-	5	42	ATG	TAA	0	0
mORF_-_3933297	3933297	3933317	-	4	21	TTG	TGA	0	0
mORF_-_3933340	3933340	3933735	-	5	396	ATG	TAA	0	0
mORF_-_3933446	3933446	3933466	-	6	21	TTG	TAA	0	0
mORF_-_3933483	3933483	3933575	-	4	93	ATG	TAA	0	0
mORF_-_3933594	3933594	3933641	-	4	48	TTG	TGA	0	0
mORF_-_3933716	3933716	3934048	-	6	333	TTG	TAA	0	0
mORF_-_3933739	3933739	3933876	-	5	138	ATG	TAA	0	0
mORF_-_3933843	3933843	3933935	-	4	93	TTG	TGA	0	0
mORF_-_3933883	3933883	3933888	-	5	6	GTG	TGA	0	0
mORF_-_3933901	3933901	3933906	-	5	6	ATG	TAA	0	0
mORF_-_3933907	3933907	3933975	-	5	69	ATG	TAG	0	0
mORF_-_3933972	3933972	3934004	-	4	33	ATG	TGA	0	0
mORF_-_3933979	3933979	3934053	-	5	75	GTG	TAG	0	0
mORF_-_3934017	3934017	3934046	-	4	30	GTG	TGA	0	0
mORF_-_3934066	3934066	3934134	-	5	69	ATG	TAG	0	0
mORF_-_3934080	3934080	3934157	-	4	78	ATG	TAG	0	0
mORF_-_3934210	3934210	3934413	-	5	204	TTG	TAA	0	0
mORF_-_3934356	3934356	3934376	-	4	21	TTG	TGA	0	0

mORF_-_3934407	3934407	3934550	-	4	144	TTG	TAA	0	0
mORF_-_3934468	3934468	3934704	-	5	237	TTG	TAG	0	0
mORF_-_3934532	3934532	3934981	-	6	450	TTG	TAA	0	0
mORF_-_3934632	3934632	3934652	-	4	21	TTG	TGA	0	0
mORF_-_3934717	3934717	3934770	-	5	54	ATG	TAA	0	0
mORF_-_3934752	3934752	3934781	-	4	30	ATG	TAA	0	0
mORF_-_3934828	3934828	3934875	-	5	48	ATG	TGA	0	0
mORF_-_3934875	3934875	3935027	-	4	153	GTG	TAA	0	0
mORF_-_3934924	3934924	3935058	-	5	135	TTG	TGA	0	0
mORF_-_3935194	3935194	3935421	-	5	228	GTG	TAA	0	0
mORF_-_3935198	3935198	3935224	-	6	27	ATG	TGA	0	0
mORF_-_3935232	3935232	3935369	-	4	138	ATG	TGA	0	0
mORF_-_3935390	3935390	3935434	-	6	45	ATG	TAG	0	0
mORF_-_3935424	3935424	3935444	-	4	21	TTG	TGA	0	0
mORF_-_3935454	3935454	3935645	-	4	192	ATG	TGA	0	0
mORF_-_3935585	3935585	3935599	-	6	15	TTG	TGA	0	0
mORF_-_3935596	3935596	3935700	-	5	105	TTG	TGA	0	0
mORF_-_3935652	3935652	3935717	-	4	66	TTG	TGA	0	0
mORF_-_3935663	3935663	3935752	-	6	90	GTG	TAG	0	0
mORF_-_3935746	3935746	3935955	-	5	210	ATG	TGA	0	0
mORF_-_3935787	3935787	3935900	-	4	114	GTG	TGA	0	0
mORF_-_3935867	3935867	3935875	-	6	9	TTG	TAA	0	0
mORF_-_3936027	3936027	3936104	-	4	78	GTG	TGA	0	0
mORF_-_3936097	3936097	3936192	-	5	96	TTG	TAA	0	0
mORF_-_3936101	3936101	3936226	-	6	126	ATG	TGA	0	0
mORF_-_3936254	3936254	3936259	-	6	6	TTG	TAG	0	0
mORF_-_3936290	3936290	3936298	-	6	9	TTG	TAG	0	0
mORF_-_3936295	3936295	3936309	-	5	15	GTG	TGA	0	0
mORF_-_3936306	3936306	3936380	-	4	75	TTG	TGA	0	0
mORF_-_3936377	3936377	3936391	-	6	15	ATG	TGA	0	0
mORF_-_3936381	3936381	3936419	-	4	39	TTG	TAA	0	0
mORF_-_3936391	3936391	3936429	-	5	39	ATG	TGA	0	0
mORF_-_3936416	3936416	3936427	-	6	12	GTG	TGA	0	0
mORF_-_3936420	3936420	3936461	-	4	42	TTG	TGA	0	0
mORF_-_3936472	3936472	3936588	-	5	117	TTG	TGA	0	0
mORF_-_3936516	3936516	3936620	-	4	105	GTG	TAA	0	0
mORF_-_3936610	3936610	3936654	-	5	45	TTG	TAA	0	0
mORF_-_3936630	3936630	3936650	-	4	21	ATG	TGA	0	0
mORF_-_3936716	3936716	3936754	-	6	39	TTG	TAA	0	0
mORF_-_3936748	3936748	3936942	-	5	195	TTG	TAA	0	0
mORF_-_3936843	3936843	3936878	-	4	36	ATG	TAA	0	0
mORF_-_3936888	3936888	3936899	-	4	12	GTG	TAG	0	0
mORF_-_3936932	3936932	3936952	-	6	21	GTG	TAG	0	0
mORF_-_3936949	3936949	3936954	-	5	6	ATG	TGA	0	0
mORF_-_3936992	3936992	3937087	-	6	96	TTG	TAG	0	0
mORF_-_3937065	3937065	3937163	-	4	99	ATG	TAG	0	0
mORF_-_3937091	3937091	3937105	-	6	15	ATG	TAA	0	0
mORF_-_3937105	3937105	3937197	-	5	93	TTG	TAA	0	0
mORF_-_3937201	3937201	3937206	-	5	6	TTG	TAA	0	0
mORF_-_3937208	3937208	3938635	-	6	1428	ATG	TAA	0	0
mORF_-_3937261	3937261	3937275	-	5	15	ATG	TGA	0	0
mORF_-_3937285	3937285	3937407	-	5	123	GTG	TGA	0	0
mORF_-_3937408	3937408	3937416	-	5	9	TTG	TAA	0	0
mORF_-_3937420	3937420	3937482	-	5	63	ATG	TAG	0	0
mORF_-_3937479	3937479	3937574	-	4	96	ATG	TGA	0	0
mORF_-_3937486	3937486	3937497	-	5	12	TTG	TGA	0	0
mORF_-_3937615	3937615	3937623	-	5	9	TTG	TAA	0	0
mORF_-_3937642	3937642	3937698	-	5	57	TTG	TAG	0	0
mORF_-_3937726	3937726	3937758	-	5	33	TTG	TGA	0	0
mORF_-_3937774	3937774	3937821	-	5	48	TTG	TGA	0	0
mORF_-_3937876	3937876	3937941	-	5	66	TTG	TAA	0	0
mORF_-_3937948	3937948	3937971	-	5	24	TTG	TGA	0	0
mORF_-_3937990	3937990	3938109	-	5	120	TTG	TAG	0	0

mORF_-_3938128	3938128	3938175	-	5	48	TTG	TAA	0	0	
mORF_-_3938185	3938185	3938220	-	5	36	TTG	TAG	0	0	
mORF_-_3938224	3938224	3938280	-	5	57	TTG	TGA	0	0	
mORF_-_3938302	3938302	3938328	-	5	27	TTG	TAG	0	0	
mORF_-_3938346	3938346	3938435	-	4	90	ATG	TAA	0	0	
mORF_-_3938386	3938386	3938394	-	5	9	TTG	TGA	0	0	
mORF_-_3938464	3938464	3938562	-	5	99	TTG	TGA	0	0	
mORF_-_3938559	3938559	3938597	-	4	39	GTG	TGA	0	0	
mORF_-_3938625	3938625	3938639	-	4	15	TTG	TAA	0	0	
mORF_-_3938636	3938636	3938737	-	6	102	TTG	TGA	0	0	
mORF_-_3938647	3938647	3938661	-	5	15	GTG	TAA	0	0	
mORF_-_3938658	3938658	3939350	-	4	693	ATG	TGA	10	24	pORF_-_3938658
mORF_-_3938665	3938665	3938691	-	5	27	TTG	TGA	0	0	
mORF_-_3938849	3938849	3938902	-	6	54	GTG	TGA	0	0	
mORF_-_3938899	3938899	3939072	-	5	174	GTG	TGA	0	0	
mORF_-_3938939	3938939	3938977	-	6	39	TTG	TAA	0	0	
mORF_-_3939065	3939065	3939133	-	6	69	TTG	TGA	0	0	
mORF_-_3939203	3939203	3939265	-	6	63	GTG	TGA	0	0	
mORF_-_3939269	3939269	3939304	-	6	36	ATG	TAA	0	0	
mORF_-_3939382	3939382	3939393	-	5	12	GTG	TAA	0	0	
mORF_-_3939406	3939406	3939447	-	5	42	ATG	TAA	0	0	
mORF_-_3939437	3939437	3939445	-	6	9	GTG	TAA	0	0	
mORF_-_3939478	3939478	3939546	-	5	69	GTG	TGA	0	0	
mORF_-_3939486	3939486	3939563	-	4	78	GTG	TAA	0	0	
mORF_-_3939524	3939524	3939655	-	6	132	GTG	TAG	0	0	
mORF_-_3939573	3939573	3939686	-	4	114	GTG	TGA	0	0	
mORF_-_3939646	3939646	3939771	-	5	126	TTG	TAA	0	0	
mORF_-_3939704	3939704	3939778	-	6	75	TTG	TGA	0	0	
mORF_-_3939741	3939741	3939890	-	4	150	TTG	TAA	0	0	
mORF_-_3939821	3939821	3939850	-	6	30	ATG	TGA	0	0	
mORF_-_3939847	3939847	3940026	-	5	180	TTG	TGA	0	0	
mORF_-_3939878	3939878	3939886	-	6	9	ATG	TAG	0	0	
mORF_-_3939983	3939983	3940144	-	6	162	GTG	TAG	0	0	
mORF_-_3939999	3939999	3940010	-	4	12	ATG	TAG	0	0	
mORF_-_3940078	3940078	3940101	-	5	24	GTG	TAG	0	0	
mORF_-_3940102	3940102	3940146	-	5	45	GTG	TAG	0	0	
mORF_-_3940116	3940116	3940202	-	4	87	GTG	TAG	0	0	
mORF_-_3940172	3940172	3940333	-	6	162	GTG	TAG	0	0	
mORF_-_3940315	3940315	3940377	-	5	63	TTG	TAA	0	0	
mORF_-_3940381	3940381	3940410	-	5	30	GTG	TAA	0	0	
mORF_-_3940423	3940423	3940611	-	5	189	TTG	TAA	0	0	
mORF_-_3940449	3940449	3940466	-	4	18	ATG	TGA	0	0	
mORF_-_3940618	3940618	3940731	-	5	114	TTG	TAA	0	0	
mORF_-_3940700	3940700	3940780	-	6	81	ATG	TAA	0	0	
mORF_-_3940734	3940734	3940886	-	4	153	ATG	TAA	0	0	
mORF_-_3940786	3940786	3940827	-	5	42	ATG	TAA	0	0	
mORF_-_3940811	3940811	3940831	-	6	21	GTG	TAA	0	0	
mORF_-_3940840	3940840	3940941	-	5	102	TTG	TGA	0	0	
mORF_-_3940895	3940895	3940981	-	6	87	TTG	TGA	0	0	
mORF_-_3940920	3940920	3941060	-	4	141	GTG	TAA	0	0	
mORF_-_3941024	3941024	3941149	-	6	126	TTG	TGA	0	0	
mORF_-_3941053	3941053	3941058	-	5	6	GTG	TAG	0	0	
mORF_-_3941064	3941064	3941105	-	4	42	TTG	TAG	0	0	
mORF_-_3941113	3941113	3941160	-	5	48	ATG	TGA	0	0	
mORF_-_3941174	3941174	3941365	-	6	192	GTG	TAG	0	0	
mORF_-_3941188	3941188	3941229	-	5	42	GTG	TGA	0	0	
mORF_-_3941236	3941236	3941259	-	5	24	TTG	TGA	0	0	
mORF_-_3941274	3941274	3941333	-	4	60	TTG	TAA	0	0	
mORF_-_3941362	3941362	3941496	-	5	135	GTG	TGA	0	0	
mORF_-_3941370	3941370	3941432	-	4	63	TTG	TAA	0	0	
mORF_-_3941399	3941399	3941485	-	6	87	GTG	TGA	0	0	
mORF_-_3941493	3941493	3941534	-	4	42	GTG	TGA	0	0	
mORF_-_3941521	3941521	3941583	-	5	63	ATG	TAG	0	0	

mORF_-_3941565	3941565	3941576	-	4	12	TTG	TAA	0	0	
mORF_-_3941573	3941573	3941653	-	6	81	TTG	TGA	0	0	
mORF_-_3941613	3941613	3941678	-	4	66	TTG	TAA	0	0	
mORF_-_3941626	3941626	3941691	-	5	66	GTG	TGA	0	0	
mORF_-_3941675	3941675	3941713	-	6	39	ATG	TGA	0	0	
mORF_-_3941737	3941737	3941892	-	5	156	ATG	TAG	0	0	
mORF_-_3941787	3941787	3941879	-	4	93	ATG	TAG	0	0	
mORF_-_3941879	3941879	3941926	-	6	48	ATG	TAA	0	0	
mORF_-_3941927	3941927	3942142	-	6	216	ATG	TAG	0	0	
mORF_-_3941950	3941950	3942255	-	5	306	TTG	TGA	0	0	
mORF_-_3942018	3942018	3942149	-	4	132	TTG	TAA	0	0	
mORF_-_3942152	3942152	3942268	-	6	117	GTG	TAG	0	0	
mORF_-_3942306	3942306	3942329	-	4	24	TTG	TGA	0	0	
mORF_-_3942367	3942367	3942420	-	5	54	ATG	TAA	0	0	
mORF_-_3942413	3942413	3942613	-	6	201	ATG	TAG	0	0	
mORF_-_3942466	3942466	3942519	-	5	54	TTG	TAG	0	0	
mORF_-_3942480	3942480	3942515	-	4	36	TTG	TAA	0	0	
mORF_-_3942553	3942553	3942576	-	5	24	ATG	TAA	0	0	
mORF_-_3942573	3942573	3942626	-	4	54	TTG	TGA	0	0	
mORF_-_3942610	3942610	3942672	-	5	63	GTG	TGA	0	0	
mORF_-_3942660	3942660	3942710	-	4	51	TTG	TGA	0	0	
mORF_-_3942724	3942724	3942807	-	5	84	ATG	TAG	0	0	
mORF_-_3942804	3942804	3943034	-	4	231	TTG	TGA	0	0	
mORF_-_3942808	3942808	3942957	-	5	150	ATG	TAA	0	0	
mORF_-_3942866	3942866	3942874	-	6	9	ATG	TAG	0	0	
mORF_-_3942968	3942968	3943048	-	6	81	TTG	TGA	0	0	
mORF_-_3943051	3943051	3943278	-	5	228	TTG	TAA	0	0	
mORF_-_3943137	3943137	3943310	-	4	174	ATG	TAA	0	0	
mORF_-_3943303	3943303	3943335	-	5	33	TTG	TAG	0	0	
mORF_-_3943310	3943310	3943528	-	6	219	TTG	TGA	0	0	
mORF_-_3943320	3943320	3943343	-	4	24	GTG	TGA	0	0	
mORF_-_3943350	3943350	3943403	-	4	54	TTG	TGA	0	0	
mORF_-_3943473	3943473	3943532	-	4	60	GTG	TGA	0	0	
mORF_-_3943507	3943507	3943521	-	5	15	GTG	TAA	0	0	
mORF_-_3943590	3943590	3943817	-	4	228	GTG	TGA	0	0	
mORF_-_3943640	3943640	3943693	-	6	54	GTG	TAG	0	0	
mORF_-_3943651	3943651	3943725	-	5	75	GTG	TAG	0	0	
mORF_-_3943733	3943733	3943903	-	6	171	GTG	TGA	0	0	
mORF_-_3943804	3943804	3943881	-	5	78	ATG	TAG	0	0	
mORF_-_3943922	3943922	3944011	-	6	90	GTG	TAG	0	0	
mORF_-_3944021	3944021	3944224	-	6	204	GTG	TAG	0	0	
mORF_-_3944046	3944046	3944243	-	4	198	GTG	TAA	0	0	
mORF_-_3944110	3944110	3944145	-	5	36	ATG	TGA	0	0	
mORF_-_3944200	3944200	3944268	-	5	69	TTG	TGA	0	0	
mORF_-_3944240	3944240	3944287	-	6	48	ATG	TGA	0	0	
mORF_-_3944338	3944338	3944427	-	5	90	ATG	TAG	0	0	
mORF_-_3944378	3944378	3944488	-	6	111	GTG	TAG	0	0	
mORF_-_3944424	3944424	3944480	-	4	57	ATG	TGA	0	0	
mORF_-_3944481	3944481	3944762	-	4	282	ATG	TAG	0	0	
mORF_-_3944629	3944629	3944634	-	5	6	TTG	TAA	0	0	
mORF_-_3944684	3944684	3944866	-	6	183	ATG	TAA	0	0	
mORF_-_3944770	3944770	3944817	-	5	48	ATG	TGA	0	0	
mORF_-_3944847	3944847	3944972	-	4	126	GTG	TAA	0	0	
mORF_-_3944974	3944974	3945063	-	5	90	ATG	TAG	0	0	
mORF_-_3944978	3944978	3945016	-	6	39	TTG	TAA	0	0	
mORF_-_3945076	3945076	3945132	-	5	57	ATG	TAG	0	0	
mORF_-_3945089	3945089	3945145	-	6	57	ATG	TAA	0	0	
mORF_-_3945123	3945123	3945164	-	4	42	ATG	TAG	0	0	
mORF_-_3945151	3945151	3945990	-	5	840	GTG	TAA	2	6	pORF_-_3945151
mORF_-_3945195	3945195	3945335	-	4	141	TTG	TGA	0	0	
mORF_-_3945212	3945212	3945226	-	6	15	ATG	TAG	0	0	
mORF_-_3945287	3945287	3945319	-	6	33	TTG	TAA	0	0	
mORF_-_3945369	3945369	3945392	-	4	24	GTG	TGA	0	0	

mORF_-_3945396	3945396	3945437	-	4	42	TTG	TGA	0	0
mORF_-_3945407	3945407	3945433	-	6	27	GTG	TGA	0	0
mORF_-_3945462	3945462	3945479	-	4	18	GTG	TAA	0	0
mORF_-_3945492	3945492	3945578	-	4	87	ATG	TAG	0	0
mORF_-_3945575	3945575	3945673	-	6	99	GTG	TGA	0	0
mORF_-_3945588	3945588	3945710	-	4	123	GTG	TAA	0	0
mORF_-_3945677	3945677	3945694	-	6	18	GTG	TAA	0	0
mORF_-_3945774	3945774	3945809	-	4	36	GTG	TGA	0	0
mORF_-_3945855	3945855	3945860	-	4	6	GTG	TGA	0	0
mORF_-_3945909	3945909	3945938	-	4	30	TTG	TGA	0	0
mORF_-_3945972	3945972	3946004	-	4	33	TTG	TAA	0	0
mORF_-_3946007	3946007	3946051	-	6	45	TTG	TAA	0	0
mORF_-_3946038	3946038	3946043	-	4	6	GTG	TAA	0	0
mORF_-_3946048	3946048	3946149	-	5	102	TTG	TGA	0	0
mORF_-_3946094	3946094	3946384	-	6	291	GTG	TAA	0	0
mORF_-_3946131	3946131	3946163	-	4	33	GTG	TAG	0	0
mORF_-_3946177	3946177	3946197	-	5	21	TTG	TGA	0	0
mORF_-_3946194	3946194	3946205	-	4	12	GTG	TGA	0	0
mORF_-_3946225	3946225	3946347	-	5	123	TTG	TAA	0	0
mORF_-_3946362	3946362	3946373	-	4	12	TTG	TAA	0	0
mORF_-_3946381	3946381	3946386	-	5	6	GTG	TGA	0	0
mORF_-_3946426	3946426	3946431	-	5	6	GTG	TAG	0	0
mORF_-_3946472	3946472	3948022	-	6	1551	ATG	TAA	0	0
mORF_-_3946477	3946477	3946593	-	5	117	TTG	TGA	0	0
mORF_-_3946575	3946575	3946658	-	4	84	GTG	TGA	0	0
mORF_-_3946597	3946597	3946617	-	5	21	GTG	TGA	0	0
mORF_-_3946639	3946639	3946719	-	5	81	ATG	TGA	0	0
mORF_-_3946960	3946960	3946974	-	5	15	TTG	TGA	0	0
mORF_-_3946996	3946996	3947151	-	5	156	GTG	TAA	0	0
mORF_-_3947127	3947127	3947213	-	4	87	ATG	TGA	0	0
mORF_-_3947167	3947167	3947235	-	5	69	ATG	TAA	0	0
mORF_-_3947245	3947245	3947277	-	5	33	ATG	TAA	0	0
mORF_-_3947281	3947281	3947346	-	5	66	TTG	TAA	0	0
mORF_-_3947347	3947347	3947502	-	5	156	GTG	TGA	0	0
mORF_-_3947484	3947484	3947534	-	4	51	ATG	TAA	0	0
mORF_-_3947527	3947527	3947541	-	5	15	GTG	TGA	0	0
mORF_-_3947548	3947548	3947643	-	5	96	GTG	TAA	0	0
mORF_-_3947674	3947674	3947688	-	5	15	ATG	TAG	0	0
mORF_-_3947689	3947689	3947820	-	5	132	ATG	TAG	0	0
mORF_-_3947896	3947896	3947949	-	5	54	ATG	TAA	0	0
mORF_-_3947950	3947950	3947979	-	5	30	TTG	TAA	0	0
mORF_-_3948013	3948013	3948198	-	5	186	GTG	TAA	0	0
mORF_-_3948045	3948045	3948176	-	4	132	ATG	TAG	0	0
mORF_-_3948077	3948077	3948088	-	6	12	TTG	TAA	0	0
mORF_-_3948152	3948152	3948172	-	6	21	ATG	TAG	0	0
mORF_-_3948173	3948173	3948226	-	6	54	TTG	TGA	0	0
mORF_-_3948202	3948202	3948267	-	5	66	TTG	TAG	0	0
mORF_-_3948228	3948228	3948254	-	4	27	ATG	TAA	0	0
mORF_-_3948281	3948281	3948343	-	6	63	TTG	TAG	0	0
mORF_-_3948285	3948285	3948290	-	4	6	TTG	TAA	0	0
mORF_-_3948294	3948294	3948326	-	4	33	TTG	TAG	0	0
mORF_-_3948307	3948307	3948333	-	5	27	TTG	TAA	0	0
mORF_-_3948400	3948400	3948450	-	5	51	TTG	TAA	0	0
mORF_-_3948454	3948454	3948543	-	5	90	GTG	TAA	0	0
mORF_-_3948462	3948462	3948476	-	4	15	GTG	TAG	0	0
mORF_-_3948504	3948504	3948560	-	4	57	TTG	TAA	0	0
mORF_-_3948564	3948564	3948635	-	4	72	GTG	TGA	0	0
mORF_-_3948577	3948577	3948705	-	5	129	GTG	TAG	0	0
mORF_-_3948581	3948581	3948661	-	6	81	TTG	TAG	0	0
mORF_-_3948662	3948662	3948736	-	6	75	TTG	TAA	0	0
mORF_-_3948709	3948709	3948720	-	5	12	ATG	TAG	0	0
mORF_-_3948750	3948750	3948869	-	4	120	GTG	TAA	0	0
mORF_-_3948761	3948761	3948838	-	6	78	GTG	TAG	0	0

mORF_-_3948841	3948841	3948876	-	5	36	TTG	TAA	0	0
mORF_-_3948866	3948866	3948886	-	6	21	GTG	TGA	0	0
mORF_-_3948873	3948873	3948899	-	4	27	GTG	TGA	0	0
mORF_-_3948890	3948890	3948907	-	6	18	ATG	TAA	0	0
mORF_-_3948909	3948909	3949265	-	4	357	GTG	TGA	0	0
mORF_-_3948937	3948937	3948954	-	5	18	GTG	TAA	0	0
mORF_-_3948992	3948992	3949057	-	6	66	TTG	TGA	0	0
mORF_-_3949069	3949069	3949503	-	5	435	ATG	TAA	0	0
mORF_-_3949097	3949097	3949441	-	6	345	GTG	TGA	0	0
mORF_-_3949311	3949311	3949487	-	4	177	TTG	TAA	0	0
mORF_-_3949451	3949451	3949621	-	6	171	ATG	TAA	0	0
mORF_-_3949510	3949510	3949515	-	5	6	TTG	TAA	0	0
mORF_-_3949555	3949555	3949563	-	5	9	TTG	TAA	0	0
mORF_-_3949636	3949636	3949911	-	5	276	TTG	TAA	0	0
mORF_-_3949652	3949652	3949744	-	6	93	GTG	TAA	0	0
mORF_-_3949764	3949764	3949820	-	4	57	GTG	TGA	0	0
mORF_-_3949799	3949799	3949888	-	6	90	TTG	TAA	0	0
mORF_-_3949934	3949934	3949948	-	6	15	TTG	TAA	0	0
mORF_-_3949952	3949952	3949978	-	6	27	TTG	TAA	0	0
mORF_-_3949987	3949987	3950112	-	5	126	ATG	TGA	0	0
mORF_-_3950039	3950039	3950143	-	6	105	ATG	TAA	0	0
mORF_-_3950073	3950073	3950225	-	4	153	ATG	TGA	0	0
mORF_-_3950140	3950140	3950235	-	5	96	ATG	TGA	0	0
mORF_-_3950235	3950235	3950261	-	4	27	TTG	TGA	0	0
mORF_-_3950258	3950258	3950386	-	6	129	GTG	TGA	0	0
mORF_-_3950284	3950284	3950313	-	5	30	GTG	TAA	0	0
mORF_-_3950320	3950320	3950352	-	5	33	TTG	TGA	0	0
mORF_-_3950405	3950405	3950692	-	6	288	ATG	TAA	0	0
mORF_-_3950409	3950409	3950465	-	4	57	GTG	TGA	0	0
mORF_-_3950413	3950413	3950439	-	5	27	GTG	TAA	0	0
mORF_-_3950467	3950467	3950514	-	5	48	GTG	TGA	0	0
mORF_-_3950527	3950527	3950541	-	5	15	TTG	TAA	0	0
mORF_-_3950599	3950599	3950625	-	5	27	ATG	TAA	0	0
mORF_-_3950632	3950632	3950703	-	5	72	TTG	TAA	0	0
mORF_-_3950707	3950707	3950784	-	5	78	GTG	TAA	0	0
mORF_-_3950781	3950781	3950858	-	4	78	TTG	TGA	0	0
mORF_-_3950791	3950791	3950970	-	5	180	ATG	TAA	0	0
mORF_-_3950855	3950855	3951367	-	6	513	TTG	TGA	0	0
mORF_-_3950868	3950868	3950984	-	4	117	TTG	TAA	0	0
mORF_-_3951076	3951076	3951294	-	5	219	GTG	TAA	0	0
mORF_-_3951132	3951132	3951140	-	4	9	GTG	TGA	0	0
mORF_-_3951319	3951319	3951360	-	5	42	ATG	TGA	0	0
mORF_-_3951361	3951361	3951387	-	5	27	GTG	TGA	0	0
mORF_-_3951416	3951416	3951469	-	6	54	ATG	TAA	0	0
mORF_-_3951426	3951426	3951761	-	4	336	GTG	TAA	0	0
mORF_-_3951470	3951470	3951529	-	6	60	GTG	TAA	0	0
mORF_-_3951530	3951530	3951631	-	6	102	GTG	TGA	0	0
mORF_-_3951647	3951647	3951754	-	6	108	ATG	TGA	0	0
mORF_-_3951721	3951721	3951786	-	5	66	ATG	TGA	0	0
mORF_-_3951773	3951773	3951961	-	6	189	TTG	TAA	0	0
mORF_-_3951777	3951777	3951833	-	4	57	GTG	TGA	0	0
mORF_-_3951971	3951971	3951982	-	6	12	TTG	TGA	0	0
mORF_-_3952046	3952046	3952231	-	6	186	TTG	TGA	0	0
mORF_-_3952102	3952102	3952170	-	5	69	TTG	TAA	0	0
mORF_-_3952107	3952107	3952481	-	4	375	GTG	TGA	0	0
mORF_-_3952198	3952198	3952263	-	5	66	GTG	TAA	0	0
mORF_-_3952238	3952238	3952342	-	6	105	GTG	TAA	0	0
mORF_-_3952349	3952349	3952453	-	6	105	GTG	TGA	0	0
mORF_-_3952387	3952387	3952428	-	5	42	GTG	TGA	0	0
mORF_-_3952478	3952478	3952717	-	6	240	TTG	TGA	0	0
mORF_-_3952530	3952530	3952742	-	4	213	GTG	TAA	0	0
mORF_-_3952597	3952597	3952671	-	5	75	ATG	TAA	0	0
mORF_-_3952745	3952745	3952753	-	6	9	TTG	TAA	0	0

mORF_-_3952775	3952775	3952846	-	6	72	GTG	TAG	0	0	
mORF_-_3952843	3952843	3953004	-	5	162	TTG	TGA	0	0	
mORF_-_3952979	3952979	3953167	-	6	189	ATG	TAG	0	0	
mORF_-_3953001	3953001	3953081	-	4	81	GTG	TGA	0	0	
mORF_-_3953032	3953032	3953100	-	5	69	TTG	TGA	0	0	
mORF_-_3953143	3953143	3953301	-	5	159	TTG	TAG	0	0	
mORF_-_3953168	3953168	3953233	-	6	66	TTG	TGA	0	0	
mORF_-_3953285	3953285	3953314	-	6	30	TTG	TAA	0	0	
mORF_-_3953348	3953348	3953368	-	6	21	TTG	TAA	0	0	
mORF_-_3953428	3953428	3953976	-	5	549	TTG	TAA	0	0	
mORF_-_3953453	3953453	3953623	-	6	171	GTG	TAG	0	0	
mORF_-_3953535	3953535	3953552	-	4	18	ATG	TAA	0	0	
mORF_-_3953654	3953654	3953746	-	6	93	GTG	TAA	0	0	
mORF_-_3953676	3953676	3953684	-	4	9	TTG	TAA	0	0	
mORF_-_3953700	3953700	3953792	-	4	93	GTG	TGA	0	0	
mORF_-_3953789	3953789	3954037	-	6	249	ATG	TGA	0	0	
mORF_-_3954034	3954034	3954306	-	5	273	TTG	TGA	0	0	
mORF_-_3954182	3954182	3954319	-	6	138	GTG	TAA	0	0	
mORF_-_3954328	3954328	3954456	-	5	129	TTG	TAG	0	0	
mORF_-_3954335	3954335	3954424	-	6	90	TTG	TGA	0	0	
mORF_-_3954457	3954457	3954552	-	5	96	TTG	TAG	0	0	
mORF_-_3954549	3954549	3954683	-	4	135	GTG	TGA	0	0	
mORF_-_3954602	3954602	3954640	-	6	39	ATG	TAG	0	0	
mORF_-_3954658	3954658	3954732	-	5	75	ATG	TAG	0	0	
mORF_-_3954680	3954680	3954853	-	6	174	GTG	TGA	0	0	
mORF_-_3954745	3954745	3954762	-	5	18	GTG	TAG	0	0	
mORF_-_3954841	3954841	3954864	-	5	24	TTG	TAG	0	0	
mORF_-_3954895	3954895	3954987	-	5	93	TTG	TAA	0	0	
mORF_-_3954933	3954933	3954953	-	4	21	ATG	TAG	0	0	
mORF_-_3954950	3954950	3955927	-	6	978	ATG	TGA	0	0	
mORF_-_3954988	3954988	3955050	-	5	63	ATG	TAA	0	0	
mORF_-_3954996	3954996	3955022	-	4	27	GTG	TGA	0	0	
mORF_-_3955069	3955069	3955176	-	5	108	TTG	TGA	0	0	
mORF_-_3955189	3955189	3955230	-	5	42	TTG	TGA	0	0	
mORF_-_3955206	3955206	3955223	-	4	18	GTG	TAA	0	0	
mORF_-_3955294	3955294	3955338	-	5	45	TTG	TAG	0	0	
mORF_-_3955345	3955345	3955464	-	5	120	GTG	TAG	0	0	
mORF_-_3955678	3955678	3955791	-	5	114	TTG	TGA	0	0	
mORF_-_3955761	3955761	3955994	-	4	234	ATG	TAG	0	0	
mORF_-_3955825	3955825	3955881	-	5	57	TTG	TGA	0	0	
mORF_-_3955937	3955937	3955981	-	6	45	GTG	TGA	0	0	
mORF_-_3955978	3955978	3956901	-	5	924	ATG	TGA	0	0	
mORF_-_3956001	3956001	3956048	-	4	48	TTG	TAG	0	0	
mORF_-_3956006	3956006	3956038	-	6	33	GTG	TGA	0	0	
mORF_-_3956097	3956097	3956159	-	4	63	ATG	TGA	0	0	
mORF_-_3956114	3956114	3956134	-	6	21	GTG	TGA	0	0	
mORF_-_3956252	3956252	3956284	-	6	33	GTG	TAA	0	0	
mORF_-_3956265	3956265	3956342	-	4	78	GTG	TAA	0	0	
mORF_-_3956300	3956300	3956353	-	6	54	GTG	TAA	0	0	
mORF_-_3956379	3956379	3956489	-	4	111	TTG	TAG	0	0	
mORF_-_3956432	3956432	3956737	-	6	306	ATG	TGA	0	0	
mORF_-_3956523	3956523	3956567	-	4	45	TTG	TGA	0	0	
mORF_-_3956592	3956592	3956708	-	4	117	TTG	TGA	0	0	
mORF_-_3956754	3956754	3956804	-	4	51	GTG	TGA	0	0	
mORF_-_3956774	3956774	3956785	-	6	12	GTG	TGA	0	0	
mORF_-_3956847	3956847	3957137	-	4	291	ATG	TAA	0	0	
mORF_-_3956876	3956876	3956884	-	6	9	GTG	TGA	0	0	
mORF_-_3957134	3957134	3957163	-	6	30	GTG	TGA	0	0	
mORF_-_3957153	3957153	3957194	-	4	42	ATG	TAA	0	0	
mORF_-_3957160	3957160	3957504	-	5	345	GTG	TGA	1	0	pORF_-_3957160
mORF_-_3957465	3957465	3957527	-	4	63	TTG	TAA	0	0	
mORF_-_3957485	3957485	3957523	-	6	39	GTG	TGA	0	0	
mORF_-_3957524	3957524	3957685	-	6	162	GTG	TGA	0	0	

mORF_-_3957555	3957555	3957836	-	4	282	ATG	TAA	13	76	pORF_-_3957555
mORF_-_3957574	3957574	3957633	-	5	60	TTG	TAA	0	0	
mORF_-_3957686	3957686	3957694	-	6	9	GTG	TAG	0	0	
mORF_-_3957691	3957691	3957717	-	5	27	TTG	TGA	0	0	
mORF_-_3957800	3957800	3957880	-	6	81	ATG	TAA	0	0	
mORF_-_3957874	3957874	3957972	-	5	99	TTG	TAA	0	0	
mORF_-_3957905	3957905	3957937	-	6	33	TTG	TGA	0	0	
mORF_-_3958000	3958000	3958011	-	5	12	ATG	TAG	0	0	
mORF_-_3958024	3958024	3958038	-	5	15	TTG	TAA	0	0	
mORF_-_3958035	3958035	3958310	-	4	276	ATG	TGA	0	0	
mORF_-_3958040	3958040	3958102	-	6	63	ATG	TAA	0	0	
mORF_-_3958099	3958099	3958113	-	5	15	ATG	TGA	0	0	
mORF_-_3958117	3958117	3958194	-	5	78	TTG	TAA	0	0	
mORF_-_3958148	3958148	3958234	-	6	87	ATG	TAA	0	0	
mORF_-_3958241	3958241	3958261	-	6	21	GTG	TAG	0	0	
mORF_-_3958246	3958246	3958344	-	5	99	TTG	TGA	0	0	
mORF_-_3958265	3958265	3958525	-	6	261	GTG	TAA	0	0	
mORF_-_3958360	3958360	3958458	-	5	99	TTG	TGA	0	0	
mORF_-_3958428	3958428	3958442	-	4	15	ATG	TAA	0	0	
mORF_-_3958498	3958498	3958527	-	5	30	TTG	TAA	0	0	
mORF_-_3958530	3958530	3958565	-	4	36	GTG	TAA	0	0	
mORF_-_3958562	3958562	3958648	-	6	87	TTG	TGA	0	0	
mORF_-_3958599	3958599	3958616	-	4	18	TTG	TAA	0	0	
mORF_-_3958629	3958629	3958697	-	4	69	GTG	TAA	0	0	
mORF_-_3958639	3958639	3958644	-	5	6	ATG	TGA	0	0	
mORF_-_3958660	3958660	3958800	-	5	141	TTG	TAG	0	0	
mORF_-_3958706	3958706	3959221	-	6	516	GTG	TAG	0	0	
mORF_-_3958834	3958834	3958977	-	5	144	TTG	TGA	0	0	
mORF_-_3959035	3959035	3959139	-	5	105	TTG	TGA	0	0	
mORF_-_3959136	3959136	3959219	-	4	84	GTG	TGA	0	0	
mORF_-_3959200	3959200	3959319	-	5	120	TTG	TAA	0	0	
mORF_-_3959261	3959261	3959587	-	6	327	GTG	TAA	0	0	
mORF_-_3959347	3959347	3959361	-	5	15	GTG	TGA	0	0	
mORF_-_3959409	3959409	3959459	-	4	51	GTG	TAA	0	0	
mORF_-_3959527	3959527	3959577	-	5	51	TTG	TAG	0	0	
mORF_-_3959642	3959642	3960676	-	6	1035	ATG	TAA	0	0	
mORF_-_3959701	3959701	3959727	-	5	27	TTG	TGA	0	0	
mORF_-_3959731	3959731	3959739	-	5	9	ATG	TAA	0	0	
mORF_-_3959758	3959758	3959850	-	5	93	TTG	TGA	0	0	
mORF_-_3959863	3959863	3959994	-	5	132	ATG	TAA	0	0	
mORF_-_3959880	3959880	3959903	-	4	24	ATG	TAG	0	0	
mORF_-_3960033	3960033	3960056	-	4	24	ATG	TAA	0	0	
mORF_-_3960046	3960046	3960069	-	5	24	GTG	TAA	0	0	
mORF_-_3960066	3960066	3960173	-	4	108	ATG	TGA	0	0	
mORF_-_3960070	3960070	3960144	-	5	75	ATG	TGA	0	0	
mORF_-_3960148	3960148	3960315	-	5	168	ATG	TAA	0	0	
mORF_-_3960403	3960403	3960450	-	5	48	ATG	TAG	0	0	
mORF_-_3960487	3960487	3960498	-	5	12	ATG	TAG	0	0	
mORF_-_3960547	3960547	3960633	-	5	87	TTG	TGA	0	0	
mORF_-_3960639	3960639	3960725	-	4	87	TTG	TGA	0	0	
mORF_-_3960722	3960722	3960760	-	6	39	GTG	TGA	0	0	
mORF_-_3960742	3960742	3960807	-	5	66	GTG	TGA	0	0	
mORF_-_3960761	3960761	3960823	-	6	63	TTG	TAA	0	0	
mORF_-_3960768	3960768	3962261	-	4	1494	ATG	TAA	4	8	pORF_-_3960768
mORF_-_3960832	3960832	3960858	-	5	27	TTG	TAA	0	0	
mORF_-_3960878	3960878	3960889	-	6	12	ATG	TGA	0	0	
mORF_-_3960905	3960905	3961150	-	6	246	TTG	TGA	0	0	
mORF_-_3961154	3961154	3961168	-	6	15	ATG	TGA	0	0	
mORF_-_3961202	3961202	3961255	-	6	54	TTG	TAA	0	0	
mORF_-_3961210	3961210	3961221	-	5	12	ATG	TGA	0	0	
mORF_-_3961262	3961262	3961282	-	6	21	TTG	TAG	0	0	
mORF_-_3961289	3961289	3961387	-	6	99	GTG	TGA	0	0	
mORF_-_3961375	3961375	3961407	-	5	33	GTG	TGA	0	0	

mORF_-_3961436	3961436	3961453	-	6	18	GTG	TGA	0	0	
mORF_-_3961463	3961463	3961471	-	6	9	GTG	TAG	0	0	
mORF_-_3961481	3961481	3961492	-	6	12	TTG	TGA	0	0	
mORF_-_3961489	3961489	3961518	-	5	30	TTG	TGA	0	0	
mORF_-_3961535	3961535	3961570	-	6	36	ATG	TGA	0	0	
mORF_-_3961567	3961567	3961632	-	5	66	GTG	TGA	0	0	
mORF_-_3961586	3961586	3961801	-	6	216	GTG	TGA	0	0	
mORF_-_3961835	3961835	3961882	-	6	48	TTG	TAG	0	0	
mORF_-_3961895	3961895	3961915	-	6	21	GTG	TGA	0	0	
mORF_-_3961912	3961912	3961938	-	5	27	TTG	TGA	0	0	
mORF_-_3961922	3961922	3962104	-	6	183	ATG	TGA	0	0	
mORF_-_3962047	3962047	3962073	-	5	27	TTG	TGA	0	0	
mORF_-_3962153	3962153	3962230	-	6	78	ATG	TGA	0	0	
mORF_-_3962218	3962218	3962307	-	5	90	GTG	TGA	0	0	
mORF_-_3962258	3962258	3962380	-	6	123	ATG	TGA	0	0	
mORF_-_3962311	3962311	3962325	-	5	15	ATG	TAG	0	0	
mORF_-_3962332	3962332	3962346	-	5	15	ATG	TGA	0	0	
mORF_-_3962384	3962384	3962437	-	6	54	ATG	TAA	0	0	
mORF_-_3962388	3962388	3963653	-	4	1266	ATG	TAA	42	294	pORF_-_3962388
mORF_-_3962510	3962510	3962542	-	6	33	TTG	TAA	0	0	
mORF_-_3962555	3962555	3962650	-	6	96	ATG	TGA	0	0	
mORF_-_3962569	3962569	3962574	-	5	6	GTG	TGA	0	0	
mORF_-_3962678	3962678	3962788	-	6	111	ATG	TGA	0	0	
mORF_-_3962795	3962795	3962848	-	6	54	GTG	TGA	0	0	
mORF_-_3962845	3962845	3962892	-	5	48	GTG	TGA	0	0	
mORF_-_3962903	3962903	3963010	-	6	108	ATG	TGA	0	0	
mORF_-_3963014	3963014	3963217	-	6	204	TTG	TGA	0	0	
mORF_-_3963218	3963218	3963238	-	6	21	TTG	TAA	0	0	
mORF_-_3963239	3963239	3963250	-	6	12	TTG	TGA	0	0	
mORF_-_3963269	3963269	3963295	-	6	27	GTG	TGA	0	0	
mORF_-_3963314	3963314	3963373	-	6	60	GTG	TGA	0	0	
mORF_-_3963389	3963389	3963397	-	6	9	GTG	TAA	0	0	
mORF_-_3963407	3963407	3963424	-	6	18	TTG	TGA	0	0	
mORF_-_3963506	3963506	3963514	-	6	9	GTG	TAG	0	0	
mORF_-_3963527	3963527	3963583	-	6	57	TTG	TGA	0	0	
mORF_-_3963590	3963590	3963595	-	6	6	TTG	TAG	0	0	
mORF_-_3963668	3963668	3963715	-	6	48	TTG	TGA	0	0	
mORF_-_3963733	3963733	3963756	-	5	24	GTG	TAA	0	0	
mORF_-_3963778	3963778	3964170	-	5	393	ATG	TAA	0	0	
mORF_-_3963801	3963801	3963893	-	4	93	TTG	TGA	0	0	
mORF_-_3963836	3963836	3963955	-	6	120	TTG	TGA	0	0	
mORF_-_3963933	3963933	3963965	-	4	33	ATG	TGA	0	0	
mORF_-_3963969	3963969	3964055	-	4	87	TTG	TGA	0	0	
mORF_-_3964028	3964028	3964066	-	6	39	GTG	TGA	0	0	
mORF_-_3964077	3964077	3964124	-	4	48	ATG	TGA	0	0	
mORF_-_3964172	3964172	3964201	-	6	30	ATG	TAG	0	0	
mORF_-_3964177	3964177	3964284	-	5	108	GTG	TAA	0	0	
mORF_-_3964250	3964250	3964393	-	6	144	GTG	TAA	0	0	
mORF_-_3964303	3964303	3964389	-	5	87	ATG	TGA	0	0	
mORF_-_3964390	3964390	3964398	-	5	9	ATG	TGA	0	0	
mORF_-_3964411	3964411	3964419	-	5	9	TTG	TAA	0	0	
mORF_-_3964422	3964422	3964433	-	4	12	GTG	TAA	0	0	
mORF_-_3964430	3964430	3964552	-	6	123	ATG	TGA	0	0	
mORF_-_3964455	3964455	3964694	-	4	240	TTG	TAA	2	18	pORF_-_3964455
mORF_-_3964540	3964540	3964569	-	5	30	TTG	TAA	0	0	
mORF_-_3964652	3964652	3964675	-	6	24	ATG	TAG	0	0	
mORF_-_3964676	3964676	3964729	-	6	54	ATG	TAG	0	0	
mORF_-_3964766	3964766	3964828	-	6	63	TTG	TAG	0	0	
mORF_-_3964795	3964795	3964863	-	5	69	TTG	TAA	0	0	
mORF_-_3964845	3964845	3964859	-	4	15	GTG	TAA	0	0	
mORF_-_3964897	3964897	3964938	-	5	42	GTG	TAG	0	0	
mORF_-_3964935	3964935	3965207	-	4	273	GTG	TGA	0	0	
mORF_-_3964939	3964939	3964974	-	5	36	GTG	TAG	0	0	

mORF_-_3964952	3964952	3965011	-	6	60	ATG	TGA	0	0	
mORF_-_3965015	3965015	3965023	-	6	9	ATG	TGA	0	0	
mORF_-_3965027	3965027	3965032	-	6	6	TTG	TAA	0	0	
mORF_-_3965128	3965128	3965148	-	5	21	ATG	TAG	0	0	
mORF_-_3965159	3965159	3965242	-	6	84	GTG	TGA	0	0	
mORF_-_3965258	3965258	3965383	-	6	126	ATG	TAA	0	0	
mORF_-_3965280	3965280	3965603	-	4	324	GTG	TGA	0	0	
mORF_-_3965432	3965432	3965461	-	6	30	ATG	TAG	0	0	
mORF_-_3965516	3965516	3965554	-	6	39	GTG	TAG	0	0	
mORF_-_3965558	3965558	3965599	-	6	42	ATG	TGA	0	0	
mORF_-_3965596	3965596	3965625	-	5	30	TTG	TGA	0	0	
mORF_-_3965600	3965600	3965665	-	6	66	TTG	TGA	0	0	
mORF_-_3965638	3965638	3965697	-	5	60	ATG	TAA	0	0	
mORF_-_3965707	3965707	3965724	-	5	18	GTG	TAA	0	0	
mORF_-_3965747	3965747	3965830	-	6	84	TTG	TAA	0	0	
mORF_-_3965811	3965811	3965825	-	4	15	ATG	TAA	0	0	
mORF_-_3965827	3965827	3965847	-	5	21	GTG	TGA	0	0	
mORF_-_3965835	3965835	3965933	-	4	99	ATG	TAA	0	0	
mORF_-_3965911	3965911	3966060	-	5	150	TTG	TAG	0	0	
mORF_-_3965985	3965985	3966050	-	4	66	TTG	TGA	0	0	
mORF_-_3966035	3966035	3966154	-	6	120	ATG	TAA	0	0	
mORF_-_3966103	3966103	3966123	-	5	21	GTG	TAA	0	0	
mORF_-_3966120	3966120	3966158	-	4	39	ATG	TGA	0	0	
mORF_-_3966163	3966163	3966285	-	5	123	TTG	TAG	0	0	
mORF_-_3966349	3966349	3966540	-	5	192	ATG	TAA	0	0	
mORF_-_3966362	3966362	3966658	-	6	297	ATG	TAG	0	0	
mORF_-_3966393	3966393	3966533	-	4	141	ATG	TGA	0	0	
mORF_-_3966568	3966568	3966747	-	5	180	ATG	TAG	0	0	
mORF_-_3966701	3966701	3966886	-	6	186	ATG	TAG	0	0	
mORF_-_3966720	3966720	3966755	-	4	36	ATG	TAA	0	0	
mORF_-_3966778	3966778	3966792	-	5	15	ATG	TGA	0	0	
mORF_-_3966814	3966814	3966861	-	5	48	ATG	TGA	0	0	
mORF_-_3966831	3966831	3966848	-	4	18	GTG	TAA	0	0	
mORF_-_3966883	3966883	3966906	-	5	24	ATG	TGA	0	0	
mORF_-_3966903	3966903	3966929	-	4	27	ATG	TGA	0	0	
mORF_-_3966937	3966937	3967062	-	5	126	TTG	TAG	0	0	
mORF_-_3966981	3966981	3967160	-	4	180	ATG	TAA	0	0	
mORF_-_3967031	3967031	3967066	-	6	36	TTG	TAA	0	0	
mORF_-_3967177	3967177	3967284	-	5	108	TTG	TAA	0	0	
mORF_-_3967232	3967232	3967336	-	6	105	ATG	TAA	0	0	
mORF_-_3967269	3967269	3967343	-	4	75	ATG	TAA	0	0	
mORF_-_3967309	3967309	3967413	-	5	105	TTG	TGA	0	0	
mORF_-_3967422	3967422	3967526	-	4	105	TTG	TAA	1	2	pORF_-_3967422
mORF_-_3967565	3967565	3968014	-	6	450	GTG	TAG	0	0	
mORF_-_3967576	3967576	3967764	-	5	189	ATG	TAA	0	0	
mORF_-_3967581	3967581	3967661	-	4	81	ATG	TGA	0	0	
mORF_-_3967686	3967686	3967709	-	4	24	ATG	TGA	0	0	
mORF_-_3967710	3967710	3967733	-	4	24	ATG	TAG	0	0	
mORF_-_3967902	3967902	3967925	-	4	24	GTG	TGA	0	0	
mORF_-_3967971	3967971	3968123	-	4	153	TTG	TAG	0	0	
mORF_-_3968033	3968033	3968272	-	6	240	ATG	TAA	0	0	
mORF_-_3968077	3968077	3968106	-	5	30	GTG	TAA	0	0	
mORF_-_3968137	3968137	3968262	-	5	126	GTG	TAA	0	0	
mORF_-_3968196	3968196	3968228	-	4	33	TTG	TGA	0	0	
mORF_-_3968287	3968287	3968310	-	5	24	ATG	TGA	0	0	
mORF_-_3968320	3968320	3968412	-	5	93	TTG	TAG	0	0	
mORF_-_3968387	3968387	3968617	-	6	231	TTG	TAG	0	0	
mORF_-_3968409	3968409	3968459	-	4	51	TTG	TGA	0	0	
mORF_-_3968497	3968497	3968520	-	5	24	GTG	TGA	0	0	
mORF_-_3968553	3968553	3968600	-	4	48	TTG	TAG	0	0	
mORF_-_3968587	3968587	3968721	-	5	135	TTG	TGA	0	0	
mORF_-_3968673	3968673	3968744	-	4	72	TTG	TGA	0	0	
mORF_-_3968729	3968729	3968938	-	6	210	ATG	TGA	1	2	pORF_-_3968729

mORF_-_3968791	3968791	3968871	-	5	81	ATG	TGA	0	0
mORF_-_3968881	3968881	3969033	-	5	153	ATG	TAG	0	0
mORF_-_3968975	3968975	3969001	-	6	27	GTG	TAA	0	0
mORF_-_3969034	3969034	3969135	-	5	102	GTG	TGA	0	0
mORF_-_3969173	3969173	3969214	-	6	42	ATG	TAA	0	0
mORF_-_3969198	3969198	3969299	-	4	102	ATG	TAG	0	0
mORF_-_3969232	3969232	3969249	-	5	18	ATG	TGA	0	0
mORF_-_3969305	3969305	3969355	-	6	51	GTG	TAA	0	0
mORF_-_3969318	3969318	3969536	-	4	219	GTG	TAA	0	0
mORF_-_3969352	3969352	3969426	-	5	75	ATG	TGA	0	0
mORF_-_3969481	3969481	3969555	-	5	75	ATG	TAA	0	0
mORF_-_3969542	3969542	3969658	-	6	117	TTG	TAA	0	0
mORF_-_3969570	3969570	3969743	-	4	174	ATG	TAG	0	0
mORF_-_3969747	3969747	3969923	-	4	177	GTG	TAA	0	0
mORF_-_3969766	3969766	3970506	-	5	741	ATG	TAA	0	0
mORF_-_3970074	3970074	3970082	-	4	9	ATG	TGA	0	0
mORF_-_3970100	3970100	3970111	-	6	12	GTG	TAA	0	0
mORF_-_3970161	3970161	3970166	-	4	6	TTG	TGA	0	0
mORF_-_3970185	3970185	3970373	-	4	189	ATG	TGA	0	0
mORF_-_3970367	3970367	3970438	-	6	72	TTG	TAG	0	0
mORF_-_3970473	3970473	3970499	-	4	27	TTG	TGA	0	0
mORF_-_3970506	3970506	3970802	-	4	297	ATG	TGA	0	0
mORF_-_3970601	3970601	3970612	-	6	12	TTG	TAA	0	0
mORF_-_3970609	3970609	3970746	-	5	138	GTG	TGA	0	0
mORF_-_3970652	3970652	3970756	-	6	105	GTG	TAG	0	0
mORF_-_3970763	3970763	3970849	-	6	87	ATG	TGA	0	0
mORF_-_3970834	3970834	3970866	-	5	33	ATG	TAA	0	0
mORF_-_3970917	3970917	3970970	-	4	54	GTG	TGA	0	0
mORF_-_3970934	3970934	3970999	-	6	66	GTG	TGA	0	0
mORF_-_3970987	3970987	3971034	-	5	48	TTG	TGA	0	0
mORF_-_3971031	3971031	3971435	-	4	405	ATG	TGA	0	0
mORF_-_3971075	3971075	3971101	-	6	27	TTG	TAG	0	0
mORF_-_3971123	3971123	3971200	-	6	78	TTG	TAA	0	0
mORF_-_3971237	3971237	3971269	-	6	33	GTG	TGA	0	0
mORF_-_3971303	3971303	3971374	-	6	72	TTG	TGA	0	0
mORF_-_3971393	3971393	3971410	-	6	18	GTG	TAG	0	0
mORF_-_3971444	3971444	3971452	-	6	9	ATG	TAA	0	0
mORF_-_3971542	3971542	3971628	-	5	87	TTG	TAG	0	0
mORF_-_3971609	3971609	3971665	-	6	57	GTG	TAG	0	0
mORF_-_3971616	3971616	3971996	-	4	381	ATG	TGA	0	0
mORF_-_3971680	3971680	3971727	-	5	48	TTG	TAA	0	0
mORF_-_3971735	3971735	3971788	-	6	54	GTG	TAG	0	0
mORF_-_3971807	3971807	3971959	-	6	153	ATG	TAA	0	0
mORF_-_3971993	3971993	3972010	-	6	18	GTG	TGA	0	0
mORF_-_3972035	3972035	3972082	-	6	48	TTG	TGA	0	0
mORF_-_3972091	3972091	3972183	-	5	93	TTG	TAG	0	0
mORF_-_3972126	3972126	3972311	-	4	186	GTG	TGA	0	0
mORF_-_3972155	3972155	3972307	-	6	153	GTG	TAG	0	0
mORF_-_3972308	3972308	3972334	-	6	27	GTG	TGA	0	0
mORF_-_3972367	3972367	3972447	-	5	81	ATG	TAA	0	0
mORF_-_3972447	3972447	3972470	-	4	24	TTG	TAA	0	0
mORF_-_3972461	3972461	3972517	-	6	57	GTG	TAG	0	0
mORF_-_3972483	3972483	3972725	-	4	243	TTG	TAA	0	0
mORF_-_3972566	3972566	3972862	-	6	297	GTG	TAA	0	0
mORF_-_3972640	3972640	3972669	-	5	30	TTG	TGA	0	0
mORF_-_3972712	3972712	3972756	-	5	45	TTG	TAG	0	0
mORF_-_3972784	3972784	3972903	-	5	120	TTG	TAA	0	0
mORF_-_3972855	3972855	3972890	-	4	36	GTG	TAA	0	0
mORF_-_3972942	3972942	3973178	-	4	237	ATG	TAG	0	0
mORF_-_3972952	3972952	3973026	-	5	75	TTG	TAA	0	0
mORF_-_3972962	3972962	3973063	-	6	102	TTG	TGA	0	0
mORF_-_3973033	3973033	3973119	-	5	87	TTG	TAG	0	0
mORF_-_3973103	3973103	3973294	-	6	192	TTG	TAA	0	0

mORF_-_3973165	3973165	3973170	-	5	6	ATG	TGA	0	0	
mORF_-_3973179	3973179	3973229	-	4	51	TTG	TAA	0	0	
mORF_-_3973213	3973213	3973395	-	5	183	ATG	TAG	0	0	
mORF_-_3973316	3973316	3973702	-	6	387	ATG	TAA	1	2	pORF_-_3973316
mORF_-_3973392	3973392	3973448	-	4	57	TTG	TGA	0	0	
mORF_-_3973402	3973402	3973524	-	5	123	TTG	TAG	0	0	
mORF_-_3973549	3973549	3973581	-	5	33	ATG	TAA	0	0	
mORF_-_3973581	3973581	3973664	-	4	84	GTG	TAA	0	0	
mORF_-_3973630	3973630	3973647	-	5	18	GTG	TGA	0	0	
mORF_-_3973648	3973648	3973674	-	5	27	ATG	TAA	0	0	
mORF_-_3973678	3973678	3973710	-	5	33	TTG	TGA	0	0	
mORF_-_3973714	3973714	3973800	-	5	87	GTG	TAG	0	0	
mORF_-_3973763	3973763	3973954	-	6	192	TTG	TAA	0	0	
mORF_-_3973800	3973800	3973892	-	4	93	ATG	TAG	0	0	
mORF_-_3973864	3973864	3973929	-	5	66	TTG	TAG	0	0	
mORF_-_3973970	3973970	3974545	-	6	576	GTG	TAA	0	0	
mORF_-_3974047	3974047	3974115	-	5	69	ATG	TAG	0	0	
mORF_-_3974128	3974128	3974133	-	5	6	ATG	TAA	0	0	
mORF_-_3974191	3974191	3974202	-	5	12	TTG	TAG	0	0	
mORF_-_3974236	3974236	3974256	-	5	21	TTG	TAG	0	0	
mORF_-_3974287	3974287	3974343	-	5	57	GTG	TAG	0	0	
mORF_-_3974347	3974347	3974424	-	5	78	TTG	TGA	0	0	
mORF_-_3974391	3974391	3974522	-	4	132	TTG	TGA	0	0	
mORF_-_3974476	3974476	3974550	-	5	75	ATG	TAA	0	0	
mORF_-_3974572	3974572	3974613	-	5	42	TTG	TAG	0	0	
mORF_-_3974645	3974645	3974698	-	6	54	TTG	TGA	0	0	
mORF_-_3974661	3974661	3974678	-	4	18	TTG	TAA	0	0	
mORF_-_3974813	3974813	3974899	-	6	87	ATG	TAA	0	0	
mORF_-_3974904	3974904	3975098	-	4	195	TTG	TAA	0	0	
mORF_-_3974909	3974909	3974968	-	6	60	ATG	TAG	0	0	
mORF_-_3975002	3975002	3975010	-	6	9	ATG	TAA	0	0	
mORF_-_3975089	3975089	3975169	-	6	81	GTG	TAG	0	0	
mORF_-_3975103	3975103	3975111	-	5	9	ATG	TAA	0	0	
mORF_-_3975286	3975286	3975378	-	5	93	GTG	TAG	0	0	
mORF_-_3975353	3975353	3975370	-	6	18	TTG	TAA	0	0	
mORF_-_3975386	3975386	3975415	-	6	30	GTG	TAA	0	0	
mORF_-_3975412	3975412	3975549	-	5	138	ATG	TGA	0	0	
mORF_-_3975417	3975417	3975437	-	4	21	GTG	TAA	0	0	
mORF_-_3975441	3975441	3975455	-	4	15	ATG	TAG	0	0	
mORF_-_3975500	3975500	3975646	-	6	147	GTG	TAG	0	0	
mORF_-_3975586	3975586	3975753	-	5	168	ATG	TGA	0	0	
mORF_-_3975683	3975683	3975868	-	6	186	ATG	TAA	0	0	
mORF_-_3975750	3975750	3975764	-	4	15	TTG	TGA	0	0	
mORF_-_3975799	3975799	3975843	-	5	45	ATG	TGA	0	0	
mORF_-_3975804	3975804	3975815	-	4	12	GTG	TGA	0	0	
mORF_-_3975843	3975843	3976010	-	4	168	TTG	TAA	0	0	
mORF_-_3975922	3975922	3976134	-	5	213	TTG	TAA	1	12	pORF_-_3975922
mORF_-_3975929	3975929	3976171	-	6	243	TTG	TAG	1	2	pORF_-_3975929
mORF_-_3976165	3976165	3976233	-	5	69	ATG	TGA	0	0	
mORF_-_3976280	3976280	3976285	-	6	6	TTG	TAG	0	0	
mORF_-_3976348	3976348	3976377	-	5	30	ATG	TAA	0	0	
mORF_-_3976391	3976391	3976465	-	6	75	ATG	TAA	0	0	
mORF_-_3976399	3976399	3976554	-	5	156	ATG	TGA	0	0	
mORF_-_3976569	3976569	3976760	-	4	192	GTG	TAG	0	0	
mORF_-_3976573	3976573	3976638	-	5	66	TTG	TAG	0	0	
mORF_-_3976577	3976577	3976582	-	6	6	TTG	TAG	0	0	
mORF_-_3976727	3976727	3976744	-	6	18	ATG	TGA	0	0	
mORF_-_3976878	3976878	3976886	-	4	9	GTG	TAG	0	0	
mORF_-_3976887	3976887	3977027	-	4	141	TTG	TAG	0	0	
mORF_-_3976900	3976900	3977025	-	5	126	GTG	TAG	0	0	
mORF_-_3977109	3977109	3977120	-	4	12	ATG	TAA	0	0	
mORF_-_3977139	3977139	3977189	-	4	51	GTG	TAG	0	0	
mORF_-_3977211	3977211	3977342	-	4	132	ATG	TAA	0	0	

mORF_-_3977246	3977246	3977254	-	6	9	ATG	TGA	0	0
mORF_-_3977279	3977279	3977356	-	6	78	GTG	TAA	0	0
mORF_-_3977409	3977409	3977426	-	4	18	GTG	TAG	0	0
mORF_-_3977414	3977414	3977500	-	6	87	TTG	TGA	0	0
mORF_-_3977466	3977466	3977477	-	4	12	ATG	TAG	0	0
mORF_-_3977514	3977514	3977576	-	4	63	TTG	TAG	0	0
mORF_-_3977569	3977569	3977607	-	5	39	GTG	TGA	0	0
mORF_-_3977577	3977577	3977738	-	4	162	TTG	TAG	0	0
mORF_-_3977633	3977633	3977644	-	6	12	GTG	TAA	0	0
mORF_-_3977641	3977641	3977775	-	5	135	GTG	TGA	0	0
mORF_-_3977754	3977754	3977930	-	4	177	ATG	TAG	0	0
mORF_-_3977798	3977798	3977845	-	6	48	GTG	TGA	0	0
mORF_-_3977842	3977842	3977934	-	5	93	ATG	TGA	0	0
mORF_-_3977858	3977858	3977893	-	6	36	TTG	TAA	0	0
mORF_-_3977927	3977927	3977995	-	6	69	GTG	TGA	0	0
mORF_-_3977947	3977947	3978003	-	5	57	TTG	TGA	0	0
mORF_-_3978021	3978021	3978053	-	4	33	GTG	TAA	0	0
mORF_-_3978062	3978062	3978367	-	6	306	TTG	TAA	0	0
mORF_-_3978210	3978210	3978611	-	4	402	TTG	TGA	0	0
mORF_-_3978425	3978425	3978445	-	6	21	ATG	TGA	0	0
mORF_-_3978446	3978446	3978508	-	6	63	ATG	TGA	0	0
mORF_-_3978469	3978469	3978492	-	5	24	TTG	TGA	0	0
mORF_-_3978563	3978563	3978577	-	6	15	GTG	TAA	0	0
mORF_-_3978574	3978574	3978597	-	5	24	GTG	TGA	0	0
mORF_-_3978632	3978632	3978661	-	6	30	ATG	TAG	0	0
mORF_-_3978661	3978661	3978789	-	5	129	ATG	TAA	0	0
mORF_-_3978690	3978690	3978701	-	4	12	GTG	TAA	0	0
mORF_-_3978701	3978701	3978793	-	6	93	TTG	TAG	0	0
mORF_-_3978777	3978777	3978782	-	4	6	GTG	TAA	0	0
mORF_-_3978790	3978790	3978888	-	5	99	ATG	TGA	0	0
mORF_-_3978798	3978798	3978986	-	4	189	ATG	TAA	0	0
mORF_-_3978827	3978827	3978901	-	6	75	GTG	TAA	0	0
mORF_-_3978931	3978931	3978957	-	5	27	ATG	TAG	0	0
mORF_-_3979001	3979001	3979039	-	6	39	ATG	TAA	0	0
mORF_-_3979053	3979053	3979088	-	4	36	ATG	TAG	0	0
mORF_-_3979085	3979085	3979096	-	6	12	TTG	TGA	0	0
mORF_-_3979093	3979093	3979482	-	5	390	ATG	TGA	0	0
mORF_-_3979176	3979176	3979184	-	4	9	GTG	TAG	0	0
mORF_-_3979194	3979194	3979241	-	4	48	ATG	TAA	0	0
mORF_-_3979232	3979232	3979294	-	6	63	ATG	TGA	0	0
mORF_-_3979248	3979248	3979475	-	4	228	GTG	TAA	0	0
mORF_-_3979545	3979545	3979625	-	4	81	TTG	TAG	0	0
mORF_-_3979650	3979650	3979817	-	4	168	ATG	TAG	0	0
mORF_-_3979769	3979769	3979876	-	6	108	TTG	TGA	0	0
mORF_-_3979864	3979864	3979896	-	5	33	GTG	TAA	0	0
mORF_-_3979931	3979931	3979951	-	6	21	ATG	TAG	0	0
mORF_-_3979948	3979948	3980097	-	5	150	ATG	TGA	0	0
mORF_-_3979959	3979959	3979973	-	4	15	TTG	TAG	0	0
mORF_-_3979964	3979964	3980146	-	6	183	ATG	TGA	0	0
mORF_-_3979998	3979998	3980129	-	4	132	TTG	TAG	0	0
mORF_-_3980107	3980107	3980322	-	5	216	TTG	TGA	0	0
mORF_-_3980130	3980130	3980216	-	4	87	ATG	TAA	0	0
mORF_-_3980241	3980241	3980330	-	4	90	TTG	TAA	0	0
mORF_-_3980258	3980258	3980311	-	6	54	TTG	TAA	0	0
mORF_-_3980336	3980336	3980380	-	6	45	GTG	TAA	0	0
mORF_-_3980347	3980347	3980475	-	5	129	ATG	TAG	0	0
mORF_-_3980447	3980447	3980521	-	6	75	TTG	TGA	0	0
mORF_-_3980476	3980476	3980604	-	5	129	GTG	TAA	0	0
mORF_-_3980544	3980544	3980627	-	4	84	TTG	TGA	0	0
mORF_-_3980662	3980662	3980697	-	5	36	TTG	TGA	0	0
mORF_-_3980678	3980678	3980785	-	6	108	TTG	TAA	0	0
mORF_-_3980734	3980734	3980982	-	5	249	ATG	TAG	1	2
mORF_-_3980742	3980742	3980885	-	4	144	GTG	TGA	0	0

pORF_-_3980734

mORF_-_3980882	3980882	3981172	-	6	291	TTG	TGA	0	0	
mORF_-_3980916	3980916	3980927	-	4	12	GTG	TGA	0	0	
mORF_-_3980964	3980964	3980999	-	4	36	TTG	TGA	0	0	
mORF_-_3981088	3981088	3981126	-	5	39	GTG	TAA	0	0	
mORF_-_3981186	3981186	3981209	-	4	24	TTG	TAA	0	0	
mORF_-_3981248	3981248	3981349	-	6	102	ATG	TAG	0	0	
mORF_-_3981346	3981346	3981393	-	5	48	TTG	TGA	0	0	
mORF_-_3981362	3981362	3981520	-	6	159	TTG	TAA	0	0	
mORF_-_3981394	3981394	3981426	-	5	33	GTG	TGA	0	0	
mORF_-_3981478	3981478	3981567	-	5	90	ATG	TAG	0	0	
mORF_-_3981573	3981573	3981608	-	4	36	TTG	TAA	0	0	
mORF_-_3981629	3981629	3981634	-	6	6	ATG	TAA	0	0	
mORF_-_3981649	3981649	3981780	-	5	132	TTG	TGA	0	0	
mORF_-_3981659	3981659	3981949	-	6	291	TTG	TAG	0	0	
mORF_-_3981726	3981726	3981923	-	4	198	TTG	TGA	0	0	
mORF_-_3981814	3981814	3981852	-	5	39	TTG	TGA	0	0	
mORF_-_3981883	3981883	3982071	-	5	189	TTG	TAA	0	0	
mORF_-_3982013	3982013	3982120	-	6	108	ATG	TAA	0	0	
mORF_-_3982050	3982050	3982130	-	4	81	ATG	TGA	0	0	
mORF_-_3982108	3982108	3982182	-	5	75	ATG	TAA	0	0	
mORF_-_3982121	3982121	3982348	-	6	228	TTG	TAG	0	0	
mORF_-_3982134	3982134	3982142	-	4	9	TTG	TAA	0	0	
mORF_-_3982273	3982273	3982278	-	5	6	ATG	TAG	0	0	
mORF_-_3982330	3982330	3982341	-	5	12	ATG	TGA	0	0	
mORF_-_3982375	3982375	3984030	-	5	1656	ATG	TAA	0	0	
mORF_-_3982413	3982413	3982457	-	4	45	GTG	TGA	0	0	
mORF_-_3982542	3982542	3982562	-	4	21	GTG	TAA	0	0	
mORF_-_3982602	3982602	3982727	-	4	126	ATG	TGA	0	0	
mORF_-_3982749	3982749	3982823	-	4	75	TTG	TAG	0	0	
mORF_-_3982848	3982848	3982916	-	4	69	GTG	TGA	0	0	
mORF_-_3982980	3982980	3983039	-	4	60	ATG	TGA	0	0	
mORF_-_3983043	3983043	3983291	-	4	249	ATG	TGA	0	0	
mORF_-_3983321	3983321	3983374	-	6	54	ATG	TGA	0	0	
mORF_-_3983337	3983337	3983426	-	4	90	TTG	TGA	0	0	
mORF_-_3983417	3983417	3983467	-	6	51	ATG	TGA	0	0	
mORF_-_3983655	3983655	3983798	-	4	144	TTG	TGA	0	0	
mORF_-_3983856	3983856	3984050	-	4	195	ATG	TGA	0	0	
mORF_-_3983885	3983885	3984034	-	6	150	TTG	TAA	0	0	
mORF_-_3984047	3984047	3984079	-	6	33	ATG	TGA	0	0	
mORF_-_3984113	3984113	3984133	-	6	21	TTG	TAA	0	0	
mORF_-_3984173	3984173	3984310	-	6	138	ATG	TGA	0	0	
mORF_-_3984229	3984229	3984273	-	5	45	TTG	TAA	0	0	
mORF_-_3984264	3984264	3984335	-	4	72	TTG	TAA	0	0	
mORF_-_3984343	3984343	3984354	-	5	12	GTG	TAA	0	0	
mORF_-_3984366	3984366	3984380	-	4	15	TTG	TAA	0	0	
mORF_-_3984395	3984395	3984403	-	6	9	ATG	TAA	0	0	
mORF_-_3984400	3984400	3984408	-	5	9	TTG	TGA	0	0	
mORF_-_3984422	3984422	3984466	-	6	45	ATG	TAA	0	0	
mORF_-_3984463	3984463	3984471	-	5	9	ATG	TGA	0	0	
mORF_-_3984486	3984486	3984599	-	4	114	GTG	TAA	0	0	
mORF_-_3984556	3984556	3984603	-	5	48	GTG	TAA	0	0	
mORF_-_3984566	3984566	3984613	-	6	48	ATG	TGA	0	0	
mORF_-_3984709	3984709	3985905	-	5	1197	ATG	TAG	26	142	pORF_-_3984709
mORF_-_3984722	3984722	3984916	-	6	195	GTG	TAA	0	0	
mORF_-_3984741	3984741	3984806	-	4	66	TTG	TGA	0	0	
mORF_-_3985035	3985035	3985085	-	4	51	TTG	TGA	0	0	
mORF_-_3985076	3985076	3985081	-	6	6	ATG	TGA	0	0	
mORF_-_3985082	3985082	3985153	-	6	72	GTG	TGA	0	0	
mORF_-_3985116	3985116	3985187	-	4	72	GTG	TAG	0	0	
mORF_-_3985178	3985178	3985213	-	6	36	ATG	TAA	0	0	
mORF_-_3985200	3985200	3985406	-	4	207	ATG	TGA	0	0	
mORF_-_3985247	3985247	3985300	-	6	54	ATG	TGA	0	0	
mORF_-_3985440	3985440	3985514	-	4	75	GTG	TAG	0	0	

mORF_-_3985548	3985548	3985577	-	4	30	ATG	TGA	0	0	
mORF_-_3985587	3985587	3985598	-	4	12	TTG	TGA	0	0	
mORF_-_3985626	3985626	3985739	-	4	114	TTG	TGA	0	0	
mORF_-_3985667	3985667	3985729	-	6	63	GTG	TAA	0	0	
mORF_-_3985818	3985818	3985844	-	4	27	TTG	TGA	0	0	
mORF_-_3985845	3985845	3985871	-	4	27	TTG	TGA	0	0	
mORF_-_3985872	3985872	3985883	-	4	12	TTG	TGA	0	0	
mORF_-_3985908	3985908	3987089	-	4	1182	ATG	TAA	39	273	pORF_-_3985908
mORF_-_3986087	3986087	3986149	-	6	63	GTG	TAA	0	0	
mORF_-_3986276	3986276	3986428	-	6	153	ATG	TAG	0	0	
mORF_-_3986299	3986299	3986367	-	5	69	ATG	TGA	0	0	
mORF_-_3986450	3986450	3986533	-	6	84	ATG	TAG	0	0	
mORF_-_3986558	3986558	3986572	-	6	15	ATG	TGA	0	0	
mORF_-_3986569	3986569	3986643	-	5	75	GTG	TGA	0	0	
mORF_-_3986573	3986573	3986599	-	6	27	GTG	TGA	0	0	
mORF_-_3986663	3986663	3986743	-	6	81	ATG	TGA	0	0	
mORF_-_3986861	3986861	3986953	-	6	93	TTG	TGA	0	0	
mORF_-_3986978	3986978	3987058	-	6	81	TTG	TGA	0	0	
mORF_-_3987089	3987089	3987247	-	6	159	GTG	TAA	0	0	
mORF_-_3987111	3987111	3987851	-	4	741	ATG	TAA	1	2	pORF_-_3987111
mORF_-_3987244	3987244	3987255	-	5	12	ATG	TGA	0	0	
mORF_-_3987263	3987263	3987304	-	6	42	TTG	TGA	0	0	
mORF_-_3987289	3987289	3987384	-	5	96	ATG	TGA	0	0	
mORF_-_3987314	3987314	3987406	-	6	93	GTG	TGA	0	0	
mORF_-_3987385	3987385	3987390	-	5	6	TTG	TGA	0	0	
mORF_-_3987416	3987416	3987430	-	6	15	TTG	TGA	0	0	
mORF_-_3987431	3987431	3987454	-	6	24	GTG	TAA	0	0	
mORF_-_3987461	3987461	3987556	-	6	96	GTG	TGA	0	0	
mORF_-_3987557	3987557	3987757	-	6	201	TTG	TAA	0	0	
mORF_-_3987604	3987604	3987621	-	5	18	ATG	TGA	0	0	
mORF_-_3987806	3987806	3987841	-	6	36	TTG	TAG	0	0	
mORF_-_3987848	3987848	3988810	-	6	963	ATG	TGA	24	111	pORF_-_3987848
mORF_-_3987904	3987904	3988053	-	5	150	TTG	TGA	0	0	
mORF_-_3988047	3988047	3988067	-	4	21	ATG	TAG	0	0	
mORF_-_3988132	3988132	3988194	-	5	63	GTG	TGA	0	0	
mORF_-_3988167	3988167	3988178	-	4	12	ATG	TGA	0	0	
mORF_-_3988276	3988276	3988296	-	5	21	ATG	TAG	0	0	
mORF_-_3988360	3988360	3988539	-	5	180	ATG	TGA	0	0	
mORF_-_3988377	3988377	3988391	-	4	15	GTG	TGA	0	0	
mORF_-_3988491	3988491	3988496	-	4	6	TTG	TGA	0	0	
mORF_-_3988600	3988600	3988605	-	5	6	TTG	TAA	0	0	
mORF_-_3988621	3988621	3988644	-	5	24	TTG	TAG	0	0	
mORF_-_3988648	3988648	3988653	-	5	6	ATG	TGA	0	0	
mORF_-_3988663	3988663	3988683	-	5	21	TTG	TGA	0	0	
mORF_-_3988680	3988680	3988829	-	4	150	ATG	TGA	0	0	
mORF_-_3988708	3988708	3988767	-	5	60	TTG	TGA	0	0	
mORF_-_3988771	3988771	3988779	-	5	9	ATG	TAA	0	0	
mORF_-_3988807	3988807	3988821	-	5	15	ATG	TGA	0	0	
mORF_-_3988823	3988823	3988879	-	6	57	TTG	TAG	0	0	
mORF_-_3988846	3988846	3988923	-	5	78	GTG	TGA	0	0	
mORF_-_3988920	3988920	3988997	-	4	78	TTG	TGA	0	0	
mORF_-_3988942	3988942	3989271	-	5	330	TTG	TAA	0	0	
mORF_-_3988961	3988961	3988981	-	6	21	ATG	TAG	0	0	
mORF_-_3988998	3988998	3989021	-	4	24	GTG	TGA	0	0	
mORF_-_3989025	3989025	3989033	-	4	9	ATG	TAA	0	0	
mORF_-_3989049	3989049	3989093	-	4	45	ATG	TAG	0	0	
mORF_-_3989184	3989184	3989219	-	4	36	ATG	TAG	0	0	
mORF_-_3989252	3989252	3989458	-	6	207	TTG	TAG	0	0	
mORF_-_3989284	3989284	3989313	-	5	30	ATG	TAG	0	0	
mORF_-_3989317	3989317	3989391	-	5	75	GTG	TAG	0	0	
mORF_-_3989328	3989328	3989357	-	4	30	ATG	TAA	0	0	
mORF_-_3989364	3989364	3989369	-	4	6	GTG	TAA	0	0	
mORF_-_3989391	3989391	3989486	-	4	96	GTG	TAG	0	0	

mORF_-_3989425	3989425	3989568	-	5	144	TTG	TGA	0	0	
mORF_-_3989572	3989572	3989805	-	5	234	ATG	TAG	0	0	
mORF_-_3989627	3989627	3990010	-	6	384	GTG	TGA	0	0	
mORF_-_3989661	3989661	3989705	-	4	45	GTG	TGA	0	0	
mORF_-_3989878	3989878	3990045	-	5	168	GTG	TAA	0	0	
mORF_-_3989928	3989928	3989954	-	4	27	TTG	TAG	0	0	
mORF_-_3989985	3989985	3990086	-	4	102	ATG	TAG	0	0	
mORF_-_3990029	3990029	3990079	-	6	51	ATG	TGA	0	0	
mORF_-_3990185	3990185	3990274	-	6	90	TTG	TGA	0	0	
mORF_-_3990235	3990235	3990324	-	5	90	GTG	TAA	0	0	
mORF_-_3990306	3990306	3990326	-	4	21	TTG	TGA	0	0	
mORF_-_3990354	3990354	3990386	-	4	33	TTG	TAG	0	0	
mORF_-_3990392	3990392	3990499	-	6	108	GTG	TAA	0	0	
mORF_-_3990531	3990531	3990605	-	4	75	ATG	TAA	0	0	
mORF_-_3990551	3990551	3990589	-	6	39	TTG	TAG	0	0	
mORF_-_3990559	3990559	3990765	-	5	207	ATG	TGA	0	0	
mORF_-_3990605	3990605	3990661	-	6	57	ATG	TGA	0	0	
mORF_-_3990633	3990633	3990716	-	4	84	ATG	TAA	0	0	
mORF_-_3990728	3990728	3990793	-	6	66	GTG	TAG	0	0	
mORF_-_3990778	3990778	3991110	-	5	333	ATG	TAA	0	0	
mORF_-_3990804	3990804	3990878	-	4	75	TTG	TAG	0	0	
mORF_-_3990933	3990933	3991052	-	4	120	TTG	TGA	0	0	
mORF_-_3991040	3991040	3991072	-	6	33	GTG	TAG	0	0	
mORF_-_3991098	3991098	3991205	-	4	108	TTG	TAA	0	0	
mORF_-_3991120	3991120	3991323	-	5	204	GTG	TAA	0	0	
mORF_-_3991224	3991224	3991286	-	4	63	ATG	TGA	0	0	
mORF_-_3991293	3991293	3991349	-	4	57	TTG	TAA	0	0	
mORF_-_3991330	3991330	3991353	-	5	24	GTG	TGA	0	0	
mORF_-_3991350	3991350	3991400	-	4	51	ATG	TGA	0	0	
mORF_-_3991360	3991360	3991488	-	5	129	GTG	TAA	0	0	
mORF_-_3991446	3991446	3991466	-	4	21	TTG	TAG	0	0	
mORF_-_3991482	3991482	3991502	-	4	21	TTG	TGA	0	0	
mORF_-_3991523	3991523	3991543	-	6	21	ATG	TGA	0	0	
mORF_-_3991540	3991540	3991548	-	5	9	ATG	TGA	0	0	
mORF_-_3991556	3991556	3991570	-	6	15	TTG	TAA	0	0	
mORF_-_3991560	3991560	3991586	-	4	27	TTG	TAG	0	0	
mORF_-_3991567	3991567	3991689	-	5	123	GTG	TGA	0	0	
mORF_-_3991583	3991583	3991651	-	6	69	TTG	TGA	0	0	
mORF_-_3991602	3991602	3991679	-	4	78	TTG	TGA	0	0	
mORF_-_3991686	3991686	3991856	-	4	171	ATG	TGA	0	0	
mORF_-_3991702	3991702	3991755	-	5	54	ATG	TAA	0	0	
mORF_-_3991745	3991745	3991759	-	6	15	TTG	TAA	0	0	
mORF_-_3991762	3991762	3992082	-	5	321	ATG	TAA	7	13	pORF_-_3991762
mORF_-_3991841	3991841	3991852	-	6	12	GTG	TGA	0	0	
mORF_-_3991863	3991863	3991955	-	4	93	TTG	TGA	0	0	
mORF_-_3991868	3991868	3991903	-	6	36	ATG	TGA	0	0	
mORF_-_3991965	3991965	3992033	-	4	69	TTG	TGA	0	0	
mORF_-_3992037	3992037	3992072	-	4	36	GTG	TGA	0	0	
mORF_-_3992069	3992069	3992125	-	6	57	ATG	TGA	0	0	
mORF_-_3992098	3992098	3992172	-	5	75	GTG	TAA	0	0	
mORF_-_3992130	3992130	3992186	-	4	57	GTG	TGA	0	0	
mORF_-_3992138	3992138	3992179	-	6	42	ATG	TGA	0	0	
mORF_-_3992183	3992183	3992230	-	6	48	ATG	TGA	0	0	
mORF_-_3992230	3992230	3992274	-	5	45	ATG	TAA	0	0	
mORF_-_3992241	3992241	3992249	-	4	9	GTG	TAA	0	0	
mORF_-_3992286	3992286	3992336	-	4	51	TTG	TAA	0	0	
mORF_-_3992303	3992303	3992386	-	6	84	GTG	TGA	0	0	
mORF_-_3992317	3992317	3992364	-	5	48	ATG	TAG	0	0	
mORF_-_3992383	3992383	3992415	-	5	33	GTG	TGA	0	0	
mORF_-_3992391	3992391	3992447	-	4	57	GTG	TAG	0	0	
mORF_-_3992425	3992425	3992439	-	5	15	ATG	TAA	0	0	
mORF_-_3992444	3992444	3992461	-	6	18	ATG	TGA	0	0	
mORF_-_3992485	3992485	3992538	-	5	54	TTG	TAA	0	0	

mORF_-_3992529	3992529	3992570	-	4	42	GTG	TAA	0	0	
mORF_-_3992558	3992558	3992566	-	6	9	GTG	TAA	0	0	
mORF_-_3992575	3992575	3992685	-	5	111	TTG	TAA	0	0	
mORF_-_3992588	3992588	3992731	-	6	144	ATG	TGA	0	0	
mORF_-_3992622	3992622	3992717	-	4	96	GTG	TAG	0	0	
mORF_-_3992745	3992745	3992816	-	4	72	TTG	TAG	0	0	
mORF_-_3992752	3992752	3992805	-	5	54	ATG	TGA	0	0	
mORF_-_3992822	3992822	3992863	-	6	42	GTG	TAA	0	0	
mORF_-_3992860	3992860	3992961	-	5	102	GTG	TGA	0	0	
mORF_-_3992961	3992961	3993185	-	4	225	TTG	TAG	0	0	
mORF_-_3993203	3993203	3993226	-	6	24	TTG	TAA	0	0	
mORF_-_3993229	3993229	3993387	-	5	159	ATG	TAA	0	0	
mORF_-_3993270	3993270	3993353	-	4	84	TTG	TGA	0	0	
mORF_-_3993394	3993394	3993552	-	5	159	GTG	TAA	0	0	
mORF_-_3993556	3993556	3993603	-	5	48	ATG	TAA	0	0	
mORF_-_3993596	3993596	3993643	-	6	48	GTG	TAA	0	0	
mORF_-_3993600	3993600	3993803	-	4	204	ATG	TGA	0	0	
mORF_-_3993604	3993604	3993639	-	5	36	GTG	TAG	0	0	
mORF_-_3993671	3993671	3993778	-	6	108	ATG	TAA	0	0	
mORF_-_3993697	3993697	3993789	-	5	93	GTG	TAA	0	0	
mORF_-_3993800	3993800	3993850	-	6	51	TTG	TGA	0	0	
mORF_-_3993870	3993870	3993935	-	4	66	GTG	TAG	0	0	
mORF_-_3993875	3993875	3993895	-	6	21	GTG	TAG	0	0	
mORF_-_3993892	3993892	3994032	-	5	141	ATG	TGA	0	0	
mORF_-_3993932	3993932	3994021	-	6	90	GTG	TGA	0	0	
mORF_-_3993999	3993999	3994025	-	4	27	ATG	TAA	0	0	
mORF_-_3994032	3994032	3994088	-	4	57	GTG	TAA	0	0	
mORF_-_3994128	3994128	3994241	-	4	114	TTG	TAG	0	0	
mORF_-_3994204	3994204	3994326	-	5	123	GTG	TAA	0	0	
mORF_-_3994251	3994251	3994259	-	4	9	ATG	TAA	0	0	
mORF_-_3994319	3994319	3994324	-	6	6	GTG	TAA	0	0	
mORF_-_3994343	3994343	3994459	-	6	117	TTG	TAG	0	0	
mORF_-_3994402	3994402	3994590	-	5	189	TTG	TGA	1	15	pORF_-_3994402
mORF_-_3994419	3994419	3994523	-	4	105	TTG	TGA	0	0	
mORF_-_3994547	3994547	3995029	-	6	483	ATG	TAG	1	2	pORF_-_3994547
mORF_-_3994593	3994593	3994619	-	4	27	GTG	TAG	0	0	
mORF_-_3994633	3994633	3994995	-	5	363	ATG	TGA	0	0	
mORF_-_3994689	3994689	3994721	-	4	33	TTG	TGA	0	0	
mORF_-_3994815	3994815	3995186	-	4	372	GTG	TAA	0	0	
mORF_-_3995033	3995033	3995182	-	6	150	ATG	TAA	0	0	
mORF_-_3995038	3995038	3995052	-	5	15	GTG	TGA	0	0	
mORF_-_3995104	3995104	3995124	-	5	21	GTG	TGA	0	0	
mORF_-_3995149	3995149	3995562	-	5	414	GTG	TGA	0	0	
mORF_-_3995214	3995214	3995246	-	4	33	GTG	TAA	0	0	
mORF_-_3995268	3995268	3995297	-	4	30	GTG	TAA	0	0	
mORF_-_3995312	3995312	3995509	-	6	198	TTG	TAA	0	0	
mORF_-_3995412	3995412	3995525	-	4	114	TTG	TGA	0	0	
mORF_-_3995559	3995559	3995612	-	4	54	TTG	TGA	0	0	
mORF_-_3995569	3995569	3995682	-	5	114	GTG	TAA	0	0	
mORF_-_3995606	3995606	3995692	-	6	87	TTG	TGA	0	0	
mORF_-_3995649	3995649	3996311	-	4	663	ATG	TAA	1	3	pORF_-_3995649
mORF_-_3995755	3995755	3995853	-	5	99	TTG	TAA	0	0	
mORF_-_3995774	3995774	3995797	-	6	24	TTG	TGA	0	0	
mORF_-_3995825	3995825	3995929	-	6	105	TTG	TGA	0	0	
mORF_-_3995869	3995869	3995880	-	5	12	ATG	TAA	0	0	
mORF_-_3995923	3995923	3996006	-	5	84	TTG	TGA	0	0	
mORF_-_3996017	3996017	3996199	-	6	183	TTG	TAA	0	0	
mORF_-_3996034	3996034	3996168	-	5	135	ATG	TAA	0	0	
mORF_-_3996218	3996218	3996445	-	6	228	TTG	TGA	0	0	
mORF_-_3996363	3996363	3996632	-	4	270	GTG	TAG	0	0	
mORF_-_3996385	3996385	3996432	-	5	48	TTG	TGA	0	0	
mORF_-_3996593	3996593	3996613	-	6	21	TTG	TGA	0	0	
mORF_-_3996632	3996632	3996688	-	6	57	ATG	TAG	0	0	

mORF_-_3996646	3996646	3996762	-	5	117	TTG	TAA	0	0	
mORF_-_3996689	3996689	3996730	-	6	42	TTG	TGA	0	0	
mORF_-_3996759	3996759	3996848	-	4	90	TTG	TGA	0	0	
mORF_-_3996851	3996851	3996904	-	6	54	TTG	TAG	0	0	
mORF_-_3996965	3996965	3997060	-	6	96	ATG	TAG	0	0	
mORF_-_3997064	3997064	3997075	-	6	12	TTG	TAG	0	0	
mORF_-_3997133	3997133	3997210	-	6	78	TTG	TAA	0	0	
mORF_-_3997168	3997168	3997326	-	5	159	ATG	TGA	0	0	
mORF_-_3997286	3997286	3997483	-	6	198	ATG	TGA	0	0	
mORF_-_3997407	3997407	3997439	-	4	33	ATG	TAA	0	0	
mORF_-_3997459	3997459	3997551	-	5	93	TTG	TAA	0	0	
mORF_-_3997561	3997561	3997623	-	5	63	GTG	TGA	1	2	pORF_-_3997561
mORF_-_3997565	3997565	3997741	-	6	177	ATG	TAG	0	0	
mORF_-_3997587	3997587	3997616	-	4	30	ATG	TAA	0	0	
mORF_-_3997680	3997680	3998225	-	4	546	TTG	TAG	0	0	
mORF_-_3997717	3997717	3997749	-	5	33	TTG	TAA	0	0	
mORF_-_3997880	3997880	3997951	-	6	72	GTG	TAA	0	0	
mORF_-_3998012	3998012	3998068	-	6	57	TTG	TAG	0	0	
mORF_-_3998065	3998065	3998109	-	5	45	ATG	TGA	0	0	
mORF_-_3998125	3998125	3998193	-	5	69	GTG	TAA	0	0	
mORF_-_3998204	3998204	3998215	-	6	12	ATG	TAG	0	0	
mORF_-_3998212	3998212	3998241	-	5	30	ATG	TGA	0	0	
mORF_-_3998222	3998222	3998302	-	6	81	GTG	TGA	0	0	
mORF_-_3998238	3998238	3998270	-	4	33	ATG	TGA	0	0	
mORF_-_3998260	3998260	3998304	-	5	45	TTG	TAA	0	0	
mORF_-_3998307	3998307	3998366	-	4	60	GTG	TAG	0	0	
mORF_-_3998315	3998315	3999079	-	6	765	ATG	TAA	0	0	
mORF_-_3998338	3998338	3998349	-	5	12	TTG	TGA	0	0	
mORF_-_3998383	3998383	3998430	-	5	48	TTG	TGA	0	0	
mORF_-_3998434	3998434	3998466	-	5	33	ATG	TGA	0	0	
mORF_-_3998488	3998488	3998529	-	5	42	GTG	TGA	0	0	
mORF_-_3998578	3998578	3998583	-	5	6	GTG	TAA	0	0	
mORF_-_3998593	3998593	3998724	-	5	132	GTG	TGA	0	0	
mORF_-_3998737	3998737	3998799	-	5	63	ATG	TAA	0	0	
mORF_-_3998812	3998812	3998886	-	5	75	ATG	TGA	0	0	
mORF_-_3998841	3998841	3998876	-	4	36	GTG	TAA	0	0	
mORF_-_3998928	3998928	3998975	-	4	48	TTG	TAA	0	0	
mORF_-_3998950	3998950	3998994	-	5	45	TTG	TGA	0	0	
mORF_-_3999046	3999046	3999060	-	5	15	TTG	TGA	0	0	
mORF_-_3999079	3999079	3999135	-	5	57	TTG	TAA	0	0	
mORF_-_3999113	3999113	3999151	-	6	39	TTG	TAA	0	0	
mORF_-_3999148	3999148	3999222	-	5	75	GTG	TGA	0	0	
mORF_-_3999152	3999152	3999208	-	6	57	ATG	TAG	0	0	
mORF_-_3999219	3999219	3999290	-	4	72	TTG	TGA	0	0	
mORF_-_3999224	3999224	3999250	-	6	27	GTG	TAG	0	0	
mORF_-_3999269	3999269	3999280	-	6	12	ATG	TAG	0	0	
mORF_-_3999300	3999300	3999434	-	4	135	ATG	TAG	0	0	
mORF_-_3999341	3999341	3999466	-	6	126	TTG	TGA	0	0	
mORF_-_3999427	3999427	3999450	-	5	24	ATG	TAA	0	0	
mORF_-_3999447	3999447	3999728	-	4	282	ATG	TGA	0	0	
mORF_-_3999463	3999463	3999624	-	5	162	ATG	TGA	0	0	
mORF_-_3999506	3999506	3999946	-	6	441	ATG	TGA	0	0	
mORF_-_3999703	3999703	3999735	-	5	33	ATG	TGA	0	0	
mORF_-_3999835	3999835	3999867	-	5	33	TTG	TAG	0	0	
mORF_-_3999946	3999946	4000218	-	5	273	TTG	TGA	0	0	
mORF_-_4000044	4000044	4000181	-	4	138	TTG	TGA	0	0	
mORF_-_4000070	4000070	4000135	-	6	66	ATG	TAA	0	0	
mORF_-_4000273	4000273	4000281	-	5	9	ATG	TAG	0	0	
mORF_-_4000341	4000341	4000364	-	4	24	GTG	TAA	0	0	
mORF_-_4000377	4000377	4000445	-	4	69	TTG	TAA	0	0	
mORF_-_4000426	4000426	4000434	-	5	9	GTG	TAG	0	0	
mORF_-_4000442	4000442	4000864	-	6	423	TTG	TGA	0	0	
mORF_-_4000468	4000468	4000512	-	5	45	ATG	TAA	0	0	

mORF_-_4000479	4000479	4000490	-	4	12	ATG	TGA	0	0	
mORF_-_4000519	4000519	4000548	-	5	30	TTG	TAG	0	0	
mORF_-_4000539	4000539	4000610	-	4	72	ATG	TAA	0	0	
mORF_-_4000549	4000549	4000581	-	5	33	TTG	TAA	0	0	
mORF_-_4000591	4000591	4000653	-	5	63	TTG	TAG	0	0	
mORF_-_4000690	4000690	4000788	-	5	99	GTG	TAA	0	0	
mORF_-_4000764	4000764	4000781	-	4	18	ATG	TAA	0	0	
mORF_-_4000789	4000789	4000800	-	5	12	ATG	TAA	0	0	
mORF_-_4000819	4000819	4000833	-	5	15	ATG	TGA	0	0	
mORF_-_4000836	4000836	4001276	-	4	441	TTG	TAG	0	0	
mORF_-_4000852	4000852	4000896	-	5	45	TTG	TGA	0	0	
mORF_-_4000907	4000907	4000933	-	6	27	TTG	TGA	0	0	
mORF_-_4000976	4000976	4000993	-	6	18	ATG	TAG	0	0	
mORF_-_4001000	4001000	4001023	-	6	24	GTG	TAA	0	0	
mORF_-_4001020	4001020	4001037	-	5	18	TTG	TGA	0	0	
mORF_-_4001078	4001078	4001131	-	6	54	TTG	TAG	0	0	
mORF_-_4001222	4001222	4001227	-	6	6	ATG	TAA	0	0	
mORF_-_4001246	4001246	4001272	-	6	27	ATG	TGA	0	0	
mORF_-_4001269	4001269	4001286	-	5	18	ATG	TGA	0	0	
mORF_-_4001304	4001304	4001345	-	4	42	ATG	TAA	0	0	
mORF_-_4001311	4001311	4002201	-	5	891	ATG	TAA	0	0	
mORF_-_4001324	4001324	4001374	-	6	51	TTG	TAG	0	0	
mORF_-_4001349	4001349	4001354	-	4	6	TTG	TGA	0	0	
mORF_-_4001388	4001388	4001420	-	4	33	ATG	TGA	0	0	
mORF_-_4001414	4001414	4001650	-	6	237	GTG	TGA	0	0	
mORF_-_4001445	4001445	4001459	-	4	15	TTG	TGA	0	0	
mORF_-_4001475	4001475	4001540	-	4	66	TTG	TAG	0	0	
mORF_-_4001565	4001565	4001618	-	4	54	TTG	TGA	0	0	
mORF_-_4001661	4001661	4001762	-	4	102	TTG	TAA	0	0	
mORF_-_4001723	4001723	4001815	-	6	93	ATG	TAG	0	0	
mORF_-_4001778	4001778	4001789	-	4	12	GTG	TAG	0	0	
mORF_-_4001847	4001847	4001861	-	4	15	TTG	TGA	0	0	
mORF_-_4001865	4001865	4001891	-	4	27	TTG	TGA	0	0	
mORF_-_4001876	4001876	4002034	-	6	159	TTG	TAA	0	0	
mORF_-_4001919	4001919	4001954	-	4	36	TTG	TGA	0	0	
mORF_-_4002084	4002084	4002095	-	4	12	ATG	TGA	0	0	
mORF_-_4002092	4002092	4002214	-	6	123	ATG	TGA	0	0	
mORF_-_4002135	4002135	4002197	-	4	63	ATG	TAG	0	0	
mORF_-_4002245	4002245	4002256	-	6	12	TTG	TAA	0	0	
mORF_-_4002253	4002253	4002738	-	5	486	ATG	TGA	5	110	pORF_-_4002253
mORF_-_4002258	4002258	4002458	-	4	201	GTG	TAG	0	0	
mORF_-_4002455	4002455	4002496	-	6	42	GTG	TGA	0	0	
mORF_-_4002477	4002477	4002530	-	4	54	TTG	TAA	0	0	
mORF_-_4002573	4002573	4002677	-	4	105	GTG	TGA	0	0	
mORF_-_4002705	4002705	4002725	-	4	21	ATG	TGA	0	0	
mORF_-_4002728	4002728	4002733	-	6	6	GTG	TAA	0	0	
mORF_-_4002816	4002816	4002851	-	4	36	GTG	TAA	0	0	
mORF_-_4002848	4002848	4003036	-	6	189	GTG	TGA	0	0	
mORF_-_4002856	4002856	4002879	-	5	24	GTG	TGA	0	0	
mORF_-_4002867	4002867	4003076	-	4	210	TTG	TAA	0	0	
mORF_-_4002928	4002928	4002954	-	5	27	TTG	TAG	0	0	
mORF_-_4003046	4003046	4003057	-	6	12	TTG	TAA	0	0	
mORF_-_4003058	4003058	4003066	-	6	9	ATG	TAG	0	0	
mORF_-_4003063	4003063	4003266	-	5	204	GTG	TGA	0	0	
mORF_-_4003067	4003067	4003072	-	6	6	GTG	TAA	0	0	
mORF_-_4003188	4003188	4003241	-	4	54	TTG	TAA	0	0	
mORF_-_4003217	4003217	4003282	-	6	66	TTG	TAA	0	0	
mORF_-_4003263	4003263	4003550	-	4	288	GTG	TGA	0	0	
mORF_-_4003283	4003283	4003315	-	6	33	GTG	TAG	0	0	
mORF_-_4003418	4003418	4003513	-	6	96	TTG	TAA	0	0	
mORF_-_4003547	4003547	4003597	-	6	51	GTG	TGA	0	0	
mORF_-_4003623	4003623	4003646	-	4	24	ATG	TAA	0	0	
mORF_-_4003628	4003628	4003642	-	6	15	TTG	TAA	0	0	

mORF_-_4003676	4003676	4003693	-	6	18	ATG	TAG	0	0	
mORF_-_4003697	4003697	4003792	-	6	96	ATG	TAG	0	0	
mORF_-_4003732	4003732	4003776	-	5	45	TTG	TAA	0	0	
mORF_-_4003737	4003737	4003823	-	4	87	ATG	TAG	0	0	
mORF_-_4003807	4003807	4003875	-	5	69	TTG	TGA	0	0	
mORF_-_4003935	4003935	4004060	-	4	126	TTG	TAA	0	0	
mORF_-_4003952	4003952	4004032	-	6	81	GTG	TAG	0	0	
mORF_-_4004086	4004086	4004103	-	5	18	GTG	TAA	0	0	
mORF_-_4004100	4004100	4004297	-	4	198	GTG	TGA	0	0	
mORF_-_4004135	4004135	4004224	-	6	90	GTG	TGA	0	0	
mORF_-_4004313	4004313	4004498	-	4	186	TTG	TAA	0	0	
mORF_-_4004384	4004384	4004449	-	6	66	GTG	TGA	0	0	
mORF_-_4004528	4004528	4004551	-	6	24	TTG	TAG	0	0	
mORF_-_4004573	4004573	4004605	-	6	33	ATG	TAG	0	0	
mORF_-_4004598	4004598	4005020	-	4	423	TTG	TGA	1	0	pORF_-_4004598
mORF_-_4004609	4004609	4004662	-	6	54	TTG	TAG	0	0	
mORF_-_4004684	4004684	4004833	-	6	150	TTG	TGA	0	0	
mORF_-_4004785	4004785	4004796	-	5	12	TTG	TGA	0	0	
mORF_-_4004903	4004903	4004992	-	6	90	TTG	TAA	0	0	
mORF_-_4004989	4004989	4005126	-	5	138	TTG	TGA	0	0	
mORF_-_4005123	4005123	4005353	-	4	231	ATG	TGA	0	0	
mORF_-_4005134	4005134	4005154	-	6	21	ATG	TGA	0	0	
mORF_-_4005239	4005239	4005247	-	6	9	TTG	TGA	0	0	
mORF_-_4005257	4005257	4005265	-	6	9	ATG	TAG	0	0	
mORF_-_4005317	4005317	4005475	-	6	159	TTG	TGA	0	0	
mORF_-_4005360	4005360	4005413	-	4	54	TTG	TAG	0	0	
mORF_-_4005476	4005476	4005817	-	6	342	ATG	TAG	0	0	
mORF_-_4005501	4005501	4005692	-	4	192	ATG	TAA	0	0	
mORF_-_4005559	4005559	4005570	-	5	12	TTG	TAA	0	0	
mORF_-_4005670	4005670	4005726	-	5	57	ATG	TAA	0	0	
mORF_-_4005789	4005789	4005992	-	4	204	ATG	TAA	0	0	
mORF_-_4005860	4005860	4005913	-	6	54	ATG	TGA	0	0	
mORF_-_4006000	4006000	4006092	-	5	93	GTG	TAA	0	0	
mORF_-_4006037	4006037	4006144	-	6	108	TTG	TAA	0	0	
mORF_-_4006165	4006165	4006191	-	5	27	ATG	TAA	0	0	
mORF_-_4006169	4006169	4006249	-	6	81	ATG	TAG	0	0	
mORF_-_4006188	4006188	4006322	-	4	135	TTG	TGA	0	0	
mORF_-_4006319	4006319	4006378	-	6	60	ATG	TGA	0	0	
mORF_-_4006359	4006359	4006448	-	4	90	ATG	TAA	0	0	
mORF_-_4006415	4006415	4006465	-	6	51	GTG	TGA	0	0	
mORF_-_4006438	4006438	4006455	-	5	18	ATG	TAA	0	0	
mORF_-_4006455	4006455	4006469	-	4	15	ATG	TAA	0	0	
mORF_-_4006462	4006462	4007082	-	5	621	ATG	TGA	0	0	
mORF_-_4006536	4006536	4006580	-	4	45	TTG	TGA	0	0	
mORF_-_4006553	4006553	4006561	-	6	9	ATG	TAA	0	0	
mORF_-_4006599	4006599	4006619	-	4	21	TTG	TGA	0	0	
mORF_-_4006650	4006650	4006706	-	4	57	TTG	TGA	0	0	
mORF_-_4006728	4006728	4006799	-	4	72	GTG	TGA	0	0	
mORF_-_4006790	4006790	4006855	-	6	66	GTG	TGA	0	0	
mORF_-_4006857	4006857	4006874	-	4	18	TTG	TGA	0	0	
mORF_-_4006865	4006865	4007071	-	6	207	ATG	TGA	0	0	
mORF_-_4006875	4006875	4006955	-	4	81	TTG	TGA	0	0	
mORF_-_4006998	4006998	4007015	-	4	18	GTG	TGA	0	0	
mORF_-_4007049	4007049	4007063	-	4	15	TTG	TGA	0	0	
mORF_-_4007079	4007079	4007429	-	4	351	ATG	TGA	0	0	
mORF_-_4007101	4007101	4007115	-	5	15	GTG	TAG	0	0	
mORF_-_4007122	4007122	4007223	-	5	102	TTG	TAG	0	0	
mORF_-_4007198	4007198	4007251	-	6	54	ATG	TGA	0	0	
mORF_-_4007276	4007276	4007368	-	6	93	ATG	TGA	0	0	
mORF_-_4007296	4007296	4007343	-	5	48	GTG	TAA	0	0	
mORF_-_4007414	4007414	4007452	-	6	39	ATG	TAG	0	0	
mORF_-_4007445	4007445	4007459	-	4	15	ATG	TAA	0	0	
mORF_-_4007487	4007487	4007606	-	4	120	ATG	TAA	0	0	

mORF_-_4007521	4007521	4007715	-	5	195	ATG	TAA	0	0	
mORF_-_4007591	4007591	4007737	-	6	147	TTG	TAG	0	0	
mORF_-_4007631	4007631	4007648	-	4	18	ATG	TAA	0	0	
mORF_-_4007712	4007712	4007831	-	4	120	GTG	TGA	0	0	
mORF_-_4007716	4007716	4007724	-	5	9	GTG	TAA	0	0	
mORF_-_4007734	4007734	4007778	-	5	45	TTG	TGA	0	0	
mORF_-_4007771	4007771	4007818	-	6	48	TTG	TAG	0	0	
mORF_-_4007815	4007815	4007976	-	5	162	TTG	TGA	0	0	
mORF_-_4007856	4007856	4007909	-	4	54	ATG	TAA	0	0	
mORF_-_4007903	4007903	4008049	-	6	147	GTG	TAG	0	0	
mORF_-_4007946	4007946	4008107	-	4	162	ATG	TAA	0	0	
mORF_-_4008091	4008091	4008132	-	5	42	TTG	TAA	0	0	
mORF_-_4008101	4008101	4008172	-	6	72	TTG	TAA	0	0	
mORF_-_4008138	4008138	4008179	-	4	42	ATG	TGA	0	0	
mORF_-_4008169	4008169	4008186	-	5	18	GTG	TGA	0	0	
mORF_-_4008183	4008183	4008257	-	4	75	GTG	TGA	0	0	
mORF_-_4008259	4008259	4008276	-	5	18	ATG	TAA	0	0	
mORF_-_4008280	4008280	4008612	-	5	333	TTG	TAA	1	2	pORF_-_4008280
mORF_-_4008288	4008288	4008332	-	4	45	TTG	TAA	0	0	
mORF_-_4008402	4008402	4008419	-	4	18	TTG	TAA	0	0	
mORF_-_4008462	4008462	4008527	-	4	66	ATG	TGA	0	0	
mORF_-_4008537	4008537	4008740	-	4	204	TTG	TAA	1	3	pORF_-_4008537
mORF_-_4008634	4008634	4008690	-	5	57	TTG	TAA	0	0	
mORF_-_4008752	4008752	4008793	-	6	42	TTG	TAG	0	0	
mORF_-_4008790	4008790	4008996	-	5	207	ATG	TGA	0	0	
mORF_-_4008831	4008831	4008911	-	4	81	ATG	TAG	0	0	
mORF_-_4009011	4009011	4009049	-	4	39	TTG	TAG	0	0	
mORF_-_4009062	4009062	4009121	-	4	60	GTG	TAG	0	0	
mORF_-_4009105	4009105	4009872	-	5	768	GTG	TAG	0	0	
mORF_-_4009142	4009142	4009219	-	6	78	GTG	TAA	0	0	
mORF_-_4009182	4009182	4009253	-	4	72	TTG	TAG	0	0	
mORF_-_4009338	4009338	4009370	-	4	33	GTG	TAG	0	0	
mORF_-_4009386	4009386	4009394	-	4	9	GTG	TAG	0	0	
mORF_-_4009401	4009401	4009412	-	4	12	ATG	TAA	0	0	
mORF_-_4009491	4009491	4009562	-	4	72	ATG	TGA	0	0	
mORF_-_4009544	4009544	4009660	-	6	117	ATG	TGA	0	0	
mORF_-_4009569	4009569	4009574	-	4	6	TTG	TAA	0	0	
mORF_-_4009626	4009626	4009715	-	4	90	ATG	TAG	0	0	
mORF_-_4009767	4009767	4010060	-	4	294	GTG	TAG	0	0	
mORF_-_4009850	4009850	4009879	-	6	30	TTG	TAG	0	0	
mORF_-_4009886	4009886	4010839	-	6	954	ATG	TAA	7	24	pORF_-_4009886
mORF_-_4009912	4009912	4009926	-	5	15	ATG	TGA	0	0	
mORF_-_4009951	4009951	4010031	-	5	81	ATG	TGA	0	0	
mORF_-_4010083	4010083	4010106	-	5	24	TTG	TGA	0	0	
mORF_-_4010103	4010103	4010123	-	4	21	TTG	TGA	0	0	
mORF_-_4010116	4010116	4010157	-	5	42	TTG	TAG	0	0	
mORF_-_4010194	4010194	4010241	-	5	48	ATG	TGA	0	0	
mORF_-_4010338	4010338	4010388	-	5	51	GTG	TAG	0	0	
mORF_-_4010413	4010413	4010457	-	5	45	TTG	TAA	0	0	
mORF_-_4010502	4010502	4010534	-	4	33	GTG	TAA	0	0	
mORF_-_4010527	4010527	4010709	-	5	183	TTG	TGA	0	0	
mORF_-_4010544	4010544	4010552	-	4	9	GTG	TAG	0	0	
mORF_-_4010727	4010727	4010852	-	4	126	GTG	TAG	0	0	
mORF_-_4010836	4010836	4010898	-	5	63	TTG	TGA	0	0	
mORF_-_4010849	4010849	4010860	-	6	12	ATG	TGA	0	0	
mORF_-_4010899	4010899	4011045	-	5	147	ATG	TAA	0	0	
mORF_-_4010925	4010925	4010984	-	4	60	GTG	TAG	0	0	
mORF_-_4010985	4010985	4011038	-	4	54	TTG	TAA	0	0	
mORF_-_4011035	4011035	4011082	-	6	48	TTG	TGA	0	0	
mORF_-_4011051	4011051	4011056	-	4	6	ATG	TAA	0	0	
mORF_-_4011061	4011061	4011654	-	5	594	TTG	TAA	0	0	
mORF_-_4011090	4011090	4011095	-	4	6	GTG	TGA	0	0	
mORF_-_4011150	4011150	4011170	-	4	21	GTG	TAA	0	0	

mORF_-_4011279	4011279	4011293	-	4	15	GTG	TGA	0	0	
mORF_-_4011327	4011327	4011440	-	4	114	TTG	TGA	0	0	
mORF_-_4011447	4011447	4011635	-	4	189	ATG	TAG	0	0	
mORF_-_4011569	4011569	4011823	-	6	255	TTG	TAA	0	0	
mORF_-_4011648	4011648	4011752	-	4	105	TTG	TGA	0	0	
mORF_-_4011724	4011724	4012056	-	5	333	GTG	TAG	0	0	
mORF_-_4011759	4011759	4011800	-	4	42	GTG	TAA	0	0	
mORF_-_4011801	4011801	4011833	-	4	33	GTG	TAG	0	0	
mORF_-_4011852	4011852	4012178	-	4	327	GTG	TGA	0	0	
mORF_-_4011998	4011998	4012216	-	6	219	GTG	TAA	0	0	
mORF_-_4012123	4012123	4012698	-	5	576	TTG	TAG	0	0	
mORF_-_4012221	4012221	4012274	-	4	54	GTG	TGA	0	0	
mORF_-_4012302	4012302	4012442	-	4	141	TTG	TAG	0	0	
mORF_-_4012443	4012443	4012544	-	4	102	ATG	TAG	0	0	
mORF_-_4012583	4012583	4012633	-	6	51	GTG	TAA	0	0	
mORF_-_4012608	4012608	4012994	-	4	387	GTG	TAG	0	0	
mORF_-_4012652	4012652	4012666	-	6	15	GTG	TAA	0	0	
mORF_-_4012894	4012894	4013157	-	5	264	GTG	TAA	0	0	
mORF_-_4012955	4012955	4012984	-	6	30	GTG	TGA	0	0	
mORF_-_4012995	4012995	4013000	-	4	6	ATG	TGA	0	0	
mORF_-_4013004	4013004	4013087	-	4	84	ATG	TAA	0	0	
mORF_-_4013060	4013060	4013212	-	6	153	TTG	TGA	0	0	
mORF_-_4013145	4013145	4013153	-	4	9	ATG	TAG	0	0	
mORF_-_4013154	4013154	4013636	-	4	483	TTG	TGA	0	0	
mORF_-_4013240	4013240	4013377	-	6	138	ATG	TGA	0	0	
mORF_-_4013377	4013377	4014258	-	5	882	GTG	TAA	18	125	pORF_-_4013377
mORF_-_4013405	4013405	4013413	-	6	9	ATG	TAA	0	0	
mORF_-_4013633	4013633	4013689	-	6	57	GTG	TGA	0	0	
mORF_-_4013703	4013703	4013747	-	4	45	GTG	TAA	0	0	
mORF_-_4013714	4013714	4013806	-	6	93	TTG	TAA	0	0	
mORF_-_4013769	4013769	4013816	-	4	48	ATG	TAA	0	0	
mORF_-_4013856	4013856	4013996	-	4	141	TTG	TAG	0	0	
mORF_-_4013924	4013924	4013968	-	6	45	TTG	TGA	0	0	
mORF_-_4014009	4014009	4014227	-	4	219	TTG	TAG	0	0	
mORF_-_4014230	4014230	4014277	-	6	48	ATG	TAA	0	0	
mORF_-_4014255	4014255	4014260	-	4	6	ATG	TGA	0	0	
mORF_-_4014281	4014281	4014379	-	6	99	GTG	TAA	0	0	
mORF_-_4014310	4014310	4014327	-	5	18	GTG	TAA	0	0	
mORF_-_4014324	4014324	4014461	-	4	138	TTG	TGA	0	0	
mORF_-_4014427	4014427	4014477	-	5	51	ATG	TAG	0	0	
mORF_-_4014474	4014474	4014521	-	4	48	ATG	TGA	0	0	
mORF_-_4014499	4014499	4015173	-	5	675	ATG	TAA	0	0	
mORF_-_4014578	4014578	4014589	-	6	12	ATG	TAA	0	0	
mORF_-_4014591	4014591	4014716	-	4	126	GTG	TGA	0	0	
mORF_-_4014677	4014677	4014736	-	6	60	TTG	TAG	0	0	
mORF_-_4014747	4014747	4014893	-	4	147	ATG	TGA	0	0	
mORF_-_4014779	4014779	4014904	-	6	126	TTG	TAA	0	0	
mORF_-_4015001	4015001	4015075	-	6	75	TTG	TAG	0	0	
mORF_-_4015035	4015035	4015067	-	4	33	ATG	TAG	0	0	
mORF_-_4015077	4015077	4015313	-	4	237	GTG	TGA	0	0	
mORF_-_4015115	4015115	4015372	-	6	258	ATG	TAA	0	0	
mORF_-_4015318	4015318	4015368	-	5	51	TTG	TAG	0	0	
mORF_-_4015365	4015365	4015457	-	4	93	TTG	TGA	0	0	
mORF_-_4015384	4015384	4015500	-	5	117	TTG	TAA	0	0	
mORF_-_4015430	4015430	4015735	-	6	306	TTG	TGA	0	0	
mORF_-_4015488	4015488	4015526	-	4	39	GTG	TAA	0	0	
mORF_-_4015545	4015545	4015754	-	4	210	TTG	TAA	0	0	
mORF_-_4015579	4015579	4015635	-	5	57	GTG	TAA	0	0	
mORF_-_4015687	4015687	4015848	-	5	162	GTG	TGA	0	0	
mORF_-_4015788	4015788	4015904	-	4	117	TTG	TAG	0	0	
mORF_-_4015823	4015823	4016128	-	6	306	TTG	TGA	0	0	
mORF_-_4016174	4016174	4016245	-	6	72	TTG	TAG	0	0	
mORF_-_4016193	4016193	4016255	-	4	63	TTG	TAG	0	0	

mORF_-_4016282	4016282	4016425	-	6	144	TTG	TAA	0	0
mORF_-_4016319	4016319	4016537	-	4	219	TTG	TAA	0	0
mORF_-_4016444	4016444	4016521	-	6	78	ATG	TGA	0	0
mORF_-_4016509	4016509	4016574	-	5	66	TTG	TGA	0	0
mORF_-_4016534	4016534	4016548	-	6	15	TTG	TGA	0	0
mORF_-_4016634	4016634	4016750	-	4	117	TTG	TAA	0	0
mORF_-_4016780	4016780	4016788	-	6	9	ATG	TAG	0	0
mORF_-_4016798	4016798	4016980	-	6	183	TTG	TAA	0	0
mORF_-_4016815	4016815	4016823	-	5	9	ATG	TAG	0	0
mORF_-_4016838	4016838	4016873	-	4	36	ATG	TAA	0	0
mORF_-_4016890	4016890	4016967	-	5	78	ATG	TGA	0	0
mORF_-_4016916	4016916	4016993	-	4	78	ATG	TGA	0	0
mORF_-_4016990	4016990	4017010	-	6	21	ATG	TGA	0	0
mORF_-_4017007	4017007	4017021	-	5	15	ATG	TGA	0	0
mORF_-_4017018	4017018	4017224	-	4	207	TTG	TGA	0	0
mORF_-_4017237	4017237	4017419	-	4	183	TTG	TGA	0	0
mORF_-_4017314	4017314	4017400	-	6	87	TTG	TGA	0	0
mORF_-_4017340	4017340	4017444	-	5	105	ATG	TGA	0	0
mORF_-_4017401	4017401	4017466	-	6	66	GTG	TAA	0	0
mORF_-_4017463	4017463	4017855	-	5	393	GTG	TGA	0	0
mORF_-_4017495	4017495	4017512	-	4	18	ATG	TAA	0	0
mORF_-_4017528	4017528	4017548	-	4	21	ATG	TGA	0	0
mORF_-_4017582	4017582	4017587	-	4	6	TTG	TAG	0	0
mORF_-_4017690	4017690	4017788	-	4	99	ATG	TGA	0	0
mORF_-_4017785	4017785	4018108	-	6	324	TTG	TGA	0	0
mORF_-_4017906	4017906	4017914	-	4	9	GTG	TAA	0	0
mORF_-_4018021	4018021	4018062	-	5	42	ATG	TAA	0	0
mORF_-_4018050	4018050	4018076	-	4	27	TTG	TGA	0	0
mORF_-_4018087	4018087	4018095	-	5	9	ATG	TGA	0	0
mORF_-_4018111	4018111	4018224	-	5	114	TTG	TAA	0	0
mORF_-_4018128	4018128	4018151	-	4	24	GTG	TAA	0	0
mORF_-_4018245	4018245	4018292	-	4	48	GTG	TAG	0	0
mORF_-_4018302	4018302	4018457	-	4	156	TTG	TAG	0	0
mORF_-_4018337	4018337	4018384	-	6	48	TTG	TGA	0	0
mORF_-_4018369	4018369	4018392	-	5	24	ATG	TAA	0	0
mORF_-_4018417	4018417	4018467	-	5	51	TTG	TAG	0	0
mORF_-_4018454	4018454	4018585	-	6	132	TTG	TGA	0	0
mORF_-_4018474	4018474	4018503	-	5	30	ATG	TGA	0	0
mORF_-_4018512	4018512	4018631	-	4	120	TTG	TGA	0	0
mORF_-_4018522	4018522	4019148	-	5	627	GTG	TAA	0	0
mORF_-_4018662	4018662	4018712	-	4	51	ATG	TGA	0	0
mORF_-_4018754	4018754	4018846	-	6	93	ATG	TAA	0	0
mORF_-_4018758	4018758	4018889	-	4	132	ATG	TAG	0	0
mORF_-_4018890	4018890	4018904	-	4	15	TTG	TGA	0	0
mORF_-_4018926	4018926	4018931	-	4	6	ATG	TAG	0	0
mORF_-_4018950	4018950	4018985	-	4	36	ATG	TAG	0	0
mORF_-_4018986	4018986	4019078	-	4	93	GTG	TAA	0	0
mORF_-_4019079	4019079	4019129	-	4	51	ATG	TGA	0	0
mORF_-_4019139	4019139	4019204	-	4	66	TTG	TAG	0	0
mORF_-_4019246	4019246	4019302	-	6	57	GTG	TAA	0	0
mORF_-_4019256	4019256	4019432	-	4	177	TTG	TAG	0	0
mORF_-_4019275	4019275	4019394	-	5	120	ATG	TAG	0	0
mORF_-_4019401	4019401	4019451	-	5	51	TTG	TAA	0	0
mORF_-_4019458	4019458	4019514	-	5	57	TTG	TAA	0	0
mORF_-_4019558	4019558	4019596	-	6	39	ATG	TAA	0	0
mORF_-_4019597	4019597	4019722	-	6	126	TTG	TAA	0	0
mORF_-_4019652	4019652	4019675	-	4	24	TTG	TAA	0	0
mORF_-_4019680	4019680	4019688	-	5	9	GTG	TAA	0	0
mORF_-_4019719	4019719	4019742	-	5	24	TTG	TGA	0	0
mORF_-_4019748	4019748	4019879	-	4	132	TTG	TAA	0	0
mORF_-_4019768	4019768	4019791	-	6	24	ATG	TAG	0	0
mORF_-_4019801	4019801	4019905	-	6	105	TTG	TGA	0	0
mORF_-_4019836	4019836	4019898	-	5	63	ATG	TAA	0	0

mORF_-_4019895	4019895	4019948	-	4	54	ATG	TGA	0	0	
mORF_-_4019938	4019938	4019955	-	5	18	GTG	TAA	0	0	
mORF_-_4019945	4019945	4019965	-	6	21	ATG	TGA	0	0	
mORF_-_4019949	4019949	4020077	-	4	129	TTG	TAG	0	0	
mORF_-_4019992	4019992	4020219	-	5	228	GTG	TAA	0	0	
mORF_-_4020083	4020083	4020112	-	6	30	TTG	TAA	0	0	
mORF_-_4020183	4020183	4020284	-	4	102	ATG	TGA	0	0	
mORF_-_4020268	4020268	4020309	-	5	42	TTG	TAG	0	0	
mORF_-_4020281	4020281	4020373	-	6	93	TTG	TGA	0	0	
mORF_-_4020417	4020417	4020455	-	4	39	GTG	TGA	0	0	
mORF_-_4020455	4020455	4020760	-	6	306	ATG	TAG	0	0	
mORF_-_4020493	4020493	4020636	-	5	144	TTG	TAG	0	0	
mORF_-_4020525	4020525	4020923	-	4	399	TTG	TAG	0	0	
mORF_-_4020776	4020776	4020829	-	6	54	ATG	TGA	0	0	
mORF_-_4020829	4020829	4020903	-	5	75	ATG	TAA	0	0	
mORF_-_4020863	4020863	4020880	-	6	18	ATG	TAG	0	0	
mORF_-_4020884	4020884	4020976	-	6	93	TTG	TGA	0	0	
mORF_-_4020907	4020907	4020930	-	5	24	TTG	TGA	0	0	
mORF_-_4020985	4020985	4021038	-	5	54	ATG	TAA	0	0	
mORF_-_4021005	4021005	4021064	-	4	60	ATG	TGA	0	0	
mORF_-_4021039	4021039	4021158	-	5	120	ATG	TAA	0	0	
mORF_-_4021112	4021112	4021123	-	6	12	ATG	TAA	0	0	
mORF_-_4021133	4021133	4021210	-	6	78	ATG	TAG	0	0	
mORF_-_4021217	4021217	4021330	-	6	114	TTG	TAG	0	0	
mORF_-_4021243	4021243	4021281	-	5	39	TTG	TAA	0	0	
mORF_-_4021306	4021306	4021458	-	5	153	GTG	TAA	0	0	
mORF_-_4021323	4021323	4021403	-	4	81	TTG	TAA	0	0	
mORF_-_4021455	4021455	4021541	-	4	87	TTG	TGA	0	0	
mORF_-_4021538	4021538	4021612	-	6	75	TTG	TGA	0	0	
mORF_-_4021561	4021561	4021686	-	5	126	GTG	TGA	0	0	
mORF_-_4021670	4021670	4021714	-	6	45	TTG	TAG	0	0	
mORF_-_4021686	4021686	4021748	-	4	63	TTG	TAG	0	0	
mORF_-_4021745	4021745	4021786	-	6	42	TTG	TGA	0	0	
mORF_-_4021765	4021765	4021941	-	5	177	ATG	TGA	0	0	
mORF_-_4021934	4021934	4022077	-	6	144	ATG	TAA	0	0	
mORF_-_4021980	4021980	4021988	-	4	9	ATG	TAA	0	0	
mORF_-_4022029	4022029	4022046	-	5	18	GTG	TGA	0	0	
mORF_-_4022037	4022037	4022048	-	4	12	GTG	TAA	0	0	
mORF_-_4022083	4022083	4022334	-	5	252	TTG	TAA	0	0	
mORF_-_4022211	4022211	4022303	-	4	93	ATG	TGA	0	0	
mORF_-_4022225	4022225	4022281	-	6	57	GTG	TGA	0	0	
mORF_-_4022331	4022331	4022339	-	4	9	GTG	TGA	0	0	
mORF_-_4022356	4022356	4022844	-	5	489	ATG	TAA	5	23	pORF_-_4022356
mORF_-_4022382	4022382	4022444	-	4	63	ATG	TGA	0	0	
mORF_-_4022496	4022496	4022534	-	4	39	TTG	TGA	0	0	
mORF_-_4022583	4022583	4022624	-	4	42	GTG	TAG	0	0	
mORF_-_4022655	4022655	4022726	-	4	72	GTG	TGA	0	0	
mORF_-_4022702	4022702	4022764	-	6	63	TTG	TGA	0	0	
mORF_-_4022766	4022766	4022798	-	4	33	GTG	TGA	0	0	
mORF_-_4022861	4022861	4022884	-	6	24	TTG	TAA	0	0	
mORF_-_4022900	4022900	4022941	-	6	42	GTG	TAA	0	0	
mORF_-_4022938	4022938	4022970	-	5	33	TTG	TGA	0	0	
mORF_-_4022943	4022943	4022954	-	4	12	TTG	TAG	0	0	
mORF_-_4022957	4022957	4022965	-	6	9	ATG	TAA	0	0	
mORF_-_4022998	4022998	4023135	-	5	138	GTG	TAA	0	0	
mORF_-_4023006	4023006	4023011	-	4	6	TTG	TAG	0	0	
mORF_-_4023074	4023074	4023106	-	6	33	ATG	TAG	0	0	
mORF_-_4023174	4023174	4023314	-	4	141	TTG	TAG	0	0	
mORF_-_4023181	4023181	4023543	-	5	363	ATG	TAG	0	0	
mORF_-_4023281	4023281	4023640	-	6	360	ATG	TAA	0	0	
mORF_-_4023351	4023351	4023377	-	4	27	TTG	TAA	0	0	
mORF_-_4023486	4023486	4023518	-	4	33	GTG	TAA	0	0	
mORF_-_4023544	4023544	4023573	-	5	30	TTG	TAA	0	0	

mORF_-_4023619	4023619	4023885	-	5	267	GTG	TGA	0	0	
mORF_-_4023752	4023752	4024141	-	6	390	GTG	TAG	0	0	
mORF_-_4023936	4023936	4024118	-	4	183	TTG	TAA	0	0	
mORF_-_4023958	4023958	4023969	-	5	12	GTG	TAA	0	0	
mORF_-_4024096	4024096	4024266	-	5	171	GTG	TAA	0	0	
mORF_-_4024224	4024224	4024232	-	4	9	GTG	TAA	0	0	
mORF_-_4024311	4024311	4024358	-	4	48	TTG	TAG	0	0	
mORF_-_4024318	4024318	4024488	-	5	171	TTG	TAA	0	0	
mORF_-_4024355	4024355	4024450	-	6	96	ATG	TGA	0	0	
mORF_-_4024482	4024482	4024556	-	4	75	TTG	TAA	0	0	
mORF_-_4024522	4024522	4024617	-	5	96	ATG	TAG	0	0	
mORF_-_4024590	4024590	4024700	-	4	111	TTG	TGA	0	0	
mORF_-_4024651	4024651	4024761	-	5	111	TTG	TGA	0	0	
mORF_-_4024697	4024697	4025059	-	6	363	TTG	TGA	0	0	
mORF_-_4024765	4024765	4024797	-	5	33	TTG	TAA	0	0	
mORF_-_4024794	4024794	4024940	-	4	147	TTG	TGA	0	0	
mORF_-_4024804	4024804	4024887	-	5	84	GTG	TGA	0	0	
mORF_-_4024897	4024897	4024956	-	5	60	ATG	TAA	0	0	
mORF_-_4024950	4024950	4025243	-	4	294	ATG	TGA	0	0	
mORF_-_4024957	4024957	4025091	-	5	135	GTG	TAA	0	0	
mORF_-_4025096	4025096	4025293	-	6	198	TTG	TAA	0	0	
mORF_-_4025244	4025244	4025315	-	4	72	ATG	TAA	0	0	
mORF_-_4025306	4025306	4025521	-	6	216	ATG	TGA	0	0	
mORF_-_4025322	4025322	4025423	-	4	102	ATG	TAG	0	0	
mORF_-_4025377	4025377	4025382	-	5	6	TTG	TAG	0	0	
mORF_-_4025413	4025413	4025613	-	5	201	GTG	TAA	0	0	
mORF_-_4025475	4025475	4025480	-	4	6	TTG	TAG	0	0	
mORF_-_4025511	4025511	4025537	-	4	27	ATG	TAA	0	0	
mORF_-_4025573	4025573	4025620	-	6	48	ATG	TAG	0	0	
mORF_-_4025610	4025610	4025696	-	4	87	TTG	TGA	0	0	
mORF_-_4025632	4025632	4026795	-	5	1164	ATG	TAA	13	53	pORF_-_4025632
mORF_-_4025642	4025642	4025758	-	6	117	TTG	TGA	0	0	
mORF_-_4025724	4025724	4025822	-	4	99	TTG	TGA	0	0	
mORF_-_4025823	4025823	4025864	-	4	42	TTG	TAA	0	0	
mORF_-_4025837	4025837	4025845	-	6	9	ATG	TAA	0	0	
mORF_-_4025874	4025874	4025882	-	4	9	TTG	TGA	0	0	
mORF_-_4025919	4025919	4025999	-	4	81	GTG	TGA	0	0	
mORF_-_4025969	4025969	4025974	-	6	6	TTG	TGA	0	0	
mORF_-_4026018	4026018	4026041	-	4	24	GTG	TAG	0	0	
mORF_-_4026045	4026045	4026068	-	4	24	ATG	TGA	0	0	
mORF_-_4026108	4026108	4026119	-	4	12	TTG	TAA	0	0	
mORF_-_4026192	4026192	4026311	-	4	120	GTG	TGA	0	0	
mORF_-_4026308	4026308	4026460	-	6	153	ATG	TGA	0	0	
mORF_-_4026357	4026357	4026380	-	4	24	ATG	TGA	0	0	
mORF_-_4026417	4026417	4026470	-	4	54	ATG	TGA	0	0	
mORF_-_4026483	4026483	4026626	-	4	144	GTG	TGA	0	0	
mORF_-_4026497	4026497	4026526	-	6	30	GTG	TGA	0	0	
mORF_-_4026596	4026596	4026628	-	6	33	TTG	TAA	0	0	
mORF_-_4026693	4026693	4026785	-	4	93	TTG	TAA	0	0	
mORF_-_4026805	4026805	4029120	-	5	2316	GTG	TAA	28	93	pORF_-_4026805
mORF_-_4026816	4026816	4026905	-	4	90	ATG	TGA	0	0	
mORF_-_4027149	4027149	4027403	-	4	255	TTG	TGA	1	2	pORF_-_4027149
mORF_-_4027416	4027416	4027565	-	4	150	TTG	TGA	0	0	
mORF_-_4027776	4027776	4027796	-	4	21	TTG	TGA	0	0	
mORF_-_4027803	4027803	4027826	-	4	24	TTG	TAG	0	0	
mORF_-_4027878	4027878	4027904	-	4	27	TTG	TGA	0	0	
mORF_-_4027901	4027901	4027996	-	6	96	GTG	TGA	0	0	
mORF_-_4027971	4027971	4028066	-	4	96	TTG	TGA	0	0	
mORF_-_4028097	4028097	4028165	-	4	69	TTG	TAA	0	0	
mORF_-_4028184	4028184	4028222	-	4	39	TTG	TAA	0	0	
mORF_-_4028301	4028301	4028315	-	4	15	TTG	TGA	0	0	
mORF_-_4028328	4028328	4028414	-	4	87	TTG	TAA	0	0	
mORF_-_4028433	4028433	4028441	-	4	9	ATG	TAG	0	0	

mORF_-_4028457	4028457	4028726	-	4	270	TTG	TGA	0	0
mORF_-_4028513	4028513	4028638	-	6	126	ATG	TGA	0	0
mORF_-_4028717	4028717	4028737	-	6	21	GTG	TAG	0	0
mORF_-_4028742	4028742	4028795	-	4	54	GTG	TAA	0	0
mORF_-_4028838	4028838	4028966	-	4	129	TTG	TAA	0	0
mORF_-_4029059	4029059	4029076	-	6	18	TTG	TAA	0	0
mORF_-_4029081	4029081	4029104	-	4	24	GTG	TAA	0	0
mORF_-_4029117	4029117	4029164	-	4	48	TTG	TGA	0	0
mORF_-_4029161	4029161	4029193	-	6	33	GTG	TGA	0	0
mORF_-_4029190	4029190	4029216	-	5	27	ATG	TGA	0	0
mORF_-_4029213	4029213	4029263	-	4	51	TTG	TGA	0	0
mORF_-_4029226	4029226	4029231	-	5	6	TTG	TAA	0	0
mORF_-_4029274	4029274	4030260	-	5	987	GTG	TAA	0	0
mORF_-_4029282	4029282	4029302	-	4	21	TTG	TGA	0	0
mORF_-_4029324	4029324	4029353	-	4	30	TTG	TAG	0	0
mORF_-_4029350	4029350	4029382	-	6	33	TTG	TGA	0	0
mORF_-_4029372	4029372	4029413	-	4	42	TTG	TGA	0	0
mORF_-_4029444	4029444	4029557	-	4	114	TTG	TAA	0	0
mORF_-_4029564	4029564	4029623	-	4	60	TTG	TAA	0	0
mORF_-_4029654	4029654	4029719	-	4	66	TTG	TAG	0	0
mORF_-_4029723	4029723	4029779	-	4	57	ATG	TGA	0	0
mORF_-_4029822	4029822	4029833	-	4	12	ATG	TAA	0	0
mORF_-_4029842	4029842	4029976	-	6	135	TTG	TAA	0	0
mORF_-_4029867	4029867	4029875	-	4	9	TTG	TAA	0	0
mORF_-_4029942	4029942	4029986	-	4	45	TTG	TAG	0	0
mORF_-_4029990	4029990	4030046	-	4	57	ATG	TAG	0	0
mORF_-_4030071	4030071	4030079	-	4	9	ATG	TAA	0	0
mORF_-_4030089	4030089	4030103	-	4	15	TTG	TGA	0	0
mORF_-_4030119	4030119	4030331	-	4	213	ATG	TGA	0	0
mORF_-_4030235	4030235	4030276	-	6	42	TTG	TAA	0	0
mORF_-_4030344	4030344	4030490	-	4	147	ATG	TAG	0	0
mORF_-_4030349	4030349	4030369	-	6	21	GTG	TGA	0	0
mORF_-_4030360	4030360	4030542	-	5	183	GTG	TAG	0	0
mORF_-_4030400	4030400	4030582	-	6	183	ATG	TGA	0	0
mORF_-_4030527	4030527	4030709	-	4	183	TTG	TAA	0	0
mORF_-_4030798	4030798	4030920	-	5	123	ATG	TAA	0	0
mORF_-_4030820	4030820	4030843	-	6	24	GTG	TAG	0	0
mORF_-_4030880	4030880	4030912	-	6	33	TTG	TGA	0	0
mORF_-_4030896	4030896	4030907	-	4	12	TTG	TAG	0	0
mORF_-_4030920	4030920	4030952	-	4	33	ATG	TAA	0	0
mORF_-_4030952	4030952	4031005	-	6	54	TTG	TGA	0	0
mORF_-_4031002	4031002	4031076	-	5	75	TTG	TGA	0	0
mORF_-_4031015	4031015	4031173	-	6	159	ATG	TGA	0	0
mORF_-_4031089	4031089	4031256	-	5	168	ATG	TAA	0	0
mORF_-_4031100	4031100	4031108	-	4	9	TTG	TGA	0	0
mORF_-_4031219	4031219	4031935	-	6	717	GTG	TGA	0	0
mORF_-_4031232	4031232	4031252	-	4	21	GTG	TAA	0	0
mORF_-_4031257	4031257	4031511	-	5	255	GTG	TAG	0	0
mORF_-_4031539	4031539	4031547	-	5	9	ATG	TGA	0	0
mORF_-_4031554	4031554	4031595	-	5	42	ATG	TAA	0	0
mORF_-_4031647	4031647	4031685	-	5	39	TTG	TAG	0	0
mORF_-_4031731	4031731	4031799	-	5	69	ATG	TAA	0	0
mORF_-_4031823	4031823	4031843	-	4	21	GTG	TAG	0	0
mORF_-_4031860	4031860	4031892	-	5	33	ATG	TAA	0	0
mORF_-_4031895	4031895	4031942	-	4	48	GTG	TAG	0	0
mORF_-_4031945	4031945	4032052	-	6	108	ATG	TAA	0	0
mORF_-_4031968	4031968	4031994	-	5	27	ATG	TAA	0	0
mORF_-_4032024	4032024	4032080	-	4	57	TTG	TAA	0	0
mORF_-_4032058	4032058	4032243	-	5	186	ATG	TAG	0	0
mORF_-_4032081	4032081	4032119	-	4	39	TTG	TAA	0	0
mORF_-_4032129	4032129	4032134	-	4	6	TTG	TAA	0	0
mORF_-_4032192	4032192	4032215	-	4	24	TTG	TAA	0	0
mORF_-_4032212	4032212	4032760	-	6	549	GTG	TGA	0	0

mORF_-_4032304	4032304	4032312	-	5	9	ATG	TAG	0	0
mORF_-_4032312	4032312	4032383	-	4	72	ATG	TAA	0	0
mORF_-_4032376	4032376	4032552	-	5	177	ATG	TAG	0	0
mORF_-_4032411	4032411	4032464	-	4	54	ATG	TAA	0	0
mORF_-_4032576	4032576	4032581	-	4	6	ATG	TAA	0	0
mORF_-_4032652	4032652	4032819	-	5	168	ATG	TGA	0	0
mORF_-_4032687	4032687	4032749	-	4	63	ATG	TAG	0	0
mORF_-_4032771	4032771	4032788	-	4	18	ATG	TAG	0	0
mORF_-_4032813	4032813	4032842	-	4	30	TTG	TAG	0	0
mORF_-_4032820	4032820	4032969	-	5	150	TTG	TGA	0	0
mORF_-_4032839	4032839	4032928	-	6	90	GTG	TGA	0	0
mORF_-_4032882	4032882	4032935	-	4	54	TTG	TAA	0	0
mORF_-_4032939	4032939	4032995	-	4	57	ATG	TAG	0	0
mORF_-_4032992	4032992	4033018	-	6	27	GTG	TGA	0	0
mORF_-_4033020	4033020	4033091	-	4	72	TTG	TAA	0	0
mORF_-_4033055	4033055	4033180	-	6	126	ATG	TAA	0	0
mORF_-_4033066	4033066	4033149	-	5	84	ATG	TGA	0	0
mORF_-_4033101	4033101	4033160	-	4	60	TTG	TAG	0	0
mORF_-_4033201	4033201	4033269	-	5	69	GTG	TGA	0	0
mORF_-_4033209	4033209	4033286	-	4	78	GTG	TAA	0	0
mORF_-_4033247	4033247	4033378	-	6	132	GTG	TAG	0	0
mORF_-_4033296	4033296	4033409	-	4	114	GTG	TGA	0	0
mORF_-_4033369	4033369	4033494	-	5	126	TTG	TAA	0	0
mORF_-_4033427	4033427	4033501	-	6	75	TTG	TGA	0	0
mORF_-_4033464	4033464	4033613	-	4	150	TTG	TAA	0	0
mORF_-_4033544	4033544	4033573	-	6	30	ATG	TGA	0	0
mORF_-_4033570	4033570	4033749	-	5	180	TTG	TGA	0	0
mORF_-_4033601	4033601	4033609	-	6	9	ATG	TAG	0	0
mORF_-_4033706	4033706	4033867	-	6	162	GTG	TAG	0	0
mORF_-_4033722	4033722	4033733	-	4	12	ATG	TAG	0	0
mORF_-_4033801	4033801	4033824	-	5	24	GTG	TAG	0	0
mORF_-_4033825	4033825	4033869	-	5	45	GTG	TAG	0	0
mORF_-_4033839	4033839	4033925	-	4	87	GTG	TAG	0	0
mORF_-_4033895	4033895	4034056	-	6	162	GTG	TAG	0	0
mORF_-_4034038	4034038	4034100	-	5	63	TTG	TAA	0	0
mORF_-_4034104	4034104	4034133	-	5	30	GTG	TAA	0	0
mORF_-_4034146	4034146	4034334	-	5	189	TTG	TAA	0	0
mORF_-_4034172	4034172	4034189	-	4	18	ATG	TGA	0	0
mORF_-_4034341	4034341	4034454	-	5	114	TTG	TAA	0	0
mORF_-_4034423	4034423	4034503	-	6	81	ATG	TAA	0	0
mORF_-_4034457	4034457	4034609	-	4	153	ATG	TAA	0	0
mORF_-_4034509	4034509	4034550	-	5	42	ATG	TAA	0	0
mORF_-_4034534	4034534	4034554	-	6	21	GTG	TAA	0	0
mORF_-_4034563	4034563	4034664	-	5	102	TTG	TGA	0	0
mORF_-_4034618	4034618	4034704	-	6	87	TTG	TGA	0	0
mORF_-_4034643	4034643	4034783	-	4	141	GTG	TAA	0	0
mORF_-_4034747	4034747	4034872	-	6	126	TTG	TGA	0	0
mORF_-_4034776	4034776	4034781	-	5	6	GTG	TAG	0	0
mORF_-_4034787	4034787	4034828	-	4	42	TTG	TAG	0	0
mORF_-_4034836	4034836	4034883	-	5	48	ATG	TGA	0	0
mORF_-_4034897	4034897	4035088	-	6	192	GTG	TAG	0	0
mORF_-_4034911	4034911	4034952	-	5	42	GTG	TGA	0	0
mORF_-_4034959	4034959	4034982	-	5	24	TTG	TGA	0	0
mORF_-_4034997	4034997	4035056	-	4	60	TTG	TAA	0	0
mORF_-_4035093	4035093	4035125	-	4	33	GTG	TAA	0	0
mORF_-_4035122	4035122	4035241	-	6	120	TTG	TGA	0	0
mORF_-_4035175	4035175	4035228	-	5	54	GTG	TGA	0	0
mORF_-_4035219	4035219	4035254	-	4	36	TTG	TGA	0	0
mORF_-_4035235	4035235	4035249	-	5	15	GTG	TAG	0	0
mORF_-_4035268	4035268	4035468	-	5	201	TTG	TAA	0	0
mORF_-_4035272	4035272	4035277	-	6	6	ATG	TAG	0	0
mORF_-_4035294	4035294	4035359	-	4	66	ATG	TGA	0	0
mORF_-_4035371	4035371	4035403	-	6	33	TTG	TAA	0	0

mORF_-_4035428	4035428	4035493	-	6	66	TTG	TAA	0	0
mORF_-_4035441	4035441	4035506	-	4	66	GTG	TGA	0	0
mORF_-_4035490	4035490	4035528	-	5	39	ATG	TGA	0	0
mORF_-_4035552	4035552	4035707	-	4	156	ATG	TAG	0	0
mORF_-_4035602	4035602	4035694	-	6	93	ATG	TAG	0	0
mORF_-_4035694	4035694	4035741	-	5	48	ATG	TAA	0	0
mORF_-_4035742	4035742	4035957	-	5	216	ATG	TAG	0	0
mORF_-_4035765	4035765	4036070	-	4	306	TTG	TGA	0	0
mORF_-_4035833	4035833	4035964	-	6	132	TTG	TAA	0	0
mORF_-_4035967	4035967	4036083	-	5	117	GTG	TAG	0	0
mORF_-_4036121	4036121	4036144	-	6	24	TTG	TGA	0	0
mORF_-_4036182	4036182	4036235	-	4	54	ATG	TAA	0	0
mORF_-_4036228	4036228	4036428	-	5	201	ATG	TAG	0	0
mORF_-_4036281	4036281	4036334	-	4	54	TTG	TAG	0	0
mORF_-_4036295	4036295	4036330	-	6	36	TTG	TAA	0	0
mORF_-_4036368	4036368	4036391	-	4	24	ATG	TAA	0	0
mORF_-_4036388	4036388	4036441	-	6	54	TTG	TGA	0	0
mORF_-_4036425	4036425	4036487	-	4	63	GTG	TGA	0	0
mORF_-_4036475	4036475	4036525	-	6	51	TTG	TGA	0	0
mORF_-_4036539	4036539	4036622	-	4	84	ATG	TAG	0	0
mORF_-_4036619	4036619	4036771	-	6	153	ATG	TGA	0	0
mORF_-_4036681	4036681	4036848	-	5	168	TTG	TAG	0	0
mORF_-_4036782	4036782	4036862	-	4	81	TTG	TGA	0	0
mORF_-_4036865	4036865	4037092	-	6	228	TTG	TAA	0	0
mORF_-_4036951	4036951	4037124	-	5	174	ATG	TAA	0	0
mORF_-_4037117	4037117	4037149	-	6	33	TTG	TAG	0	0
mORF_-_4037124	4037124	4037342	-	4	219	TTG	TGA	0	0
mORF_-_4037134	4037134	4037157	-	5	24	GTG	TGA	0	0
mORF_-_4037164	4037164	4037217	-	5	54	TTG	TGA	0	0
mORF_-_4037287	4037287	4037346	-	5	60	GTG	TGA	0	0
mORF_-_4037321	4037321	4037413	-	6	93	TTG	TAA	0	0
mORF_-_4037391	4037391	4037633	-	4	243	GTG	TAA	0	0
mORF_-_4037456	4037456	4037509	-	6	54	GTG	TAG	0	0
mORF_-_4037467	4037467	4037541	-	5	75	GTG	TAG	0	0
mORF_-_4037549	4037549	4037719	-	6	171	GTG	TGA	0	0
mORF_-_4037620	4037620	4037697	-	5	78	ATG	TAG	0	0
mORF_-_4037738	4037738	4037827	-	6	90	GTG	TAG	0	0
mORF_-_4037837	4037837	4038040	-	6	204	GTG	TAG	0	0
mORF_-_4037862	4037862	4038059	-	4	198	GTG	TAA	0	0
mORF_-_4037926	4037926	4037961	-	5	36	ATG	TGA	0	0
mORF_-_4038016	4038016	4038084	-	5	69	TTG	TGA	0	0
mORF_-_4038056	4038056	4038103	-	6	48	ATG	TGA	0	0
mORF_-_4038154	4038154	4038243	-	5	90	ATG	TAG	0	0
mORF_-_4038194	4038194	4038304	-	6	111	GTG	TAG	0	0
mORF_-_4038240	4038240	4038296	-	4	57	ATG	TGA	0	0
mORF_-_4038445	4038445	4038579	-	5	135	ATG	TAA	0	0
mORF_-_4038501	4038501	4038953	-	4	453	GTG	TAA	0	0
mORF_-_4038587	4038587	4038634	-	6	48	ATG	TGA	0	0
mORF_-_4038703	4038703	4038813	-	5	111	ATG	TAA	0	0
mORF_-_4038827	4038827	4038847	-	6	21	ATG	TGA	0	0
mORF_-_4038832	4038832	4038870	-	5	39	ATG	TAA	0	0
mORF_-_4038919	4038919	4039029	-	5	111	GTG	TAG	0	0
mORF_-_4038929	4038929	4039456	-	6	528	ATG	TAA	0	0
mORF_-_4039033	4039033	4039047	-	5	15	ATG	TAG	0	0
mORF_-_4039060	4039060	4039122	-	5	63	ATG	TAG	0	0
mORF_-_4039125	4039125	4039232	-	4	108	ATG	TAA	0	0
mORF_-_4039222	4039222	4039320	-	5	99	ATG	TGA	0	0
mORF_-_4039332	4039332	4039463	-	4	132	TTG	TAA	0	0
mORF_-_4039384	4039384	4039422	-	5	39	TTG	TGA	0	0
mORF_-_4039438	4039438	4040022	-	5	585	GTG	TGA	5	18
mORF_-_4039479	4039479	4039523	-	4	45	ATG	TGA	0	0
mORF_-_4039551	4039551	4039598	-	4	48	TTG	TAA	0	0
mORF_-_4039608	4039608	4039667	-	4	60	ATG	TAA	0	0

mORF_-_4039643	4039643	4039654	-	6	12	GTG	TGA	0	0
mORF_-_4039695	4039695	4039748	-	4	54	GTG	TAG	0	0
mORF_-_4039700	4039700	4039744	-	6	45	GTG	TGA	0	0
mORF_-_4039764	4039764	4039817	-	4	54	TTG	TAA	0	0
mORF_-_4039824	4039824	4039865	-	4	42	ATG	TGA	0	0
mORF_-_4039890	4039890	4039910	-	4	21	ATG	TGA	0	0
mORF_-_4039901	4039901	4039918	-	6	18	ATG	TGA	0	0
mORF_-_4039932	4039932	4039940	-	4	9	TTG	TAA	0	0
mORF_-_4039953	4039953	4039994	-	4	42	TTG	TAG	0	0
mORF_-_4040037	4040037	4040237	-	4	201	ATG	TAA	0	0
mORF_-_4040057	4040057	4040074	-	6	18	TTG	TAG	0	0
mORF_-_4040071	4040071	4040172	-	5	102	TTG	TGA	0	0
mORF_-_4040197	4040197	4040250	-	5	54	GTG	TGA	0	0
mORF_-_4040304	4040304	4040390	-	4	87	ATG	TAA	0	0
mORF_-_4040387	4040387	4040413	-	6	27	ATG	TGA	0	0
mORF_-_4040410	4040410	4040487	-	5	78	ATG	TGA	0	0
mORF_-_4040454	4040454	4040468	-	4	15	GTG	TAA	0	0
mORF_-_4040468	4040468	4040653	-	6	186	TTG	TAG	0	0
mORF_-_4040569	4040569	4040601	-	5	33	TTG	TGA	0	0
mORF_-_4040598	4040598	4040696	-	4	99	GTG	TGA	0	0
mORF_-_4040706	4040706	4040759	-	4	54	TTG	TAA	0	0
mORF_-_4040720	4040720	4040731	-	6	12	ATG	TAA	0	0
mORF_-_4040818	4040818	4041018	-	5	201	GTG	TAA	0	0
mORF_-_4040822	4040822	4041001	-	6	180	GTG	TAA	0	0
mORF_-_4040895	4040895	4040906	-	4	12	GTG	TGA	0	0
mORF_-_4040925	4040925	4040957	-	4	33	ATG	TAG	0	0
mORF_-_4040991	4040991	4040999	-	4	9	GTG	TAA	0	0
mORF_-_4041015	4041015	4041101	-	4	87	GTG	TGA	0	0
mORF_-_4041029	4041029	4041169	-	6	141	TTG	TAG	0	0
mORF_-_4041118	4041118	4041141	-	5	24	TTG	TGA	0	0
mORF_-_4041190	4041190	4041252	-	5	63	ATG	TAA	0	0
mORF_-_4041366	4041366	4041413	-	4	48	GTG	TAA	0	0
mORF_-_4041386	4041386	4041406	-	6	21	TTG	TAG	0	0
mORF_-_4041407	4041407	4041526	-	6	120	GTG	TAA	0	0
mORF_-_4041477	4041477	4042103	-	4	627	GTG	TAA	0	0
mORF_-_4041484	4041484	4041492	-	5	9	ATG	TAA	0	0
mORF_-_4041599	4041599	4041706	-	6	108	TTG	TGA	0	0
mORF_-_4041685	4041685	4041723	-	5	39	ATG	TGA	0	0
mORF_-_4041716	4041716	4041838	-	6	123	TTG	TGA	0	0
mORF_-_4041974	4041974	4042006	-	6	33	TTG	TGA	0	0
mORF_-_4042022	4042022	4042072	-	6	51	TTG	TGA	0	0
mORF_-_4042079	4042079	4042084	-	6	6	ATG	TAA	0	0
mORF_-_4042100	4042100	4042138	-	6	39	ATG	TGA	0	0
mORF_-_4042116	4042116	4042166	-	4	51	ATG	TAA	0	0
mORF_-_4042166	4042166	4042177	-	6	12	ATG	TAA	0	0
mORF_-_4042171	4042171	4042191	-	5	21	TTG	TGA	0	0
mORF_-_4042218	4042218	4042292	-	4	75	GTG	TAA	0	0
mORF_-_4042247	4042247	4042285	-	6	39	ATG	TAA	0	0
mORF_-_4042258	4042258	4042365	-	5	108	ATG	TAA	0	0
mORF_-_4042381	4042381	4042512	-	5	132	GTG	TAA	0	0
mORF_-_4042389	4042389	4042403	-	4	15	TTG	TGA	0	0
mORF_-_4042412	4042412	4042456	-	6	45	GTG	TAA	0	0
mORF_-_4042425	4042425	4042853	-	4	429	ATG	TGA	0	0
mORF_-_4042526	4042526	4042531	-	6	6	TTG	TGA	0	0
mORF_-_4042534	4042534	4042542	-	5	9	ATG	TAA	0	0
mORF_-_4042550	4042550	4042603	-	6	54	GTG	TGA	0	0
mORF_-_4042582	4042582	4042605	-	5	24	TTG	TAA	0	0
mORF_-_4042613	4042613	4042675	-	6	63	ATG	TAA	0	0
mORF_-_4042679	4042679	4042687	-	6	9	ATG	TAG	0	0
mORF_-_4042745	4042745	4042765	-	6	21	ATG	TAA	0	0
mORF_-_4042762	4042762	4042812	-	5	51	TTG	TGA	0	0
mORF_-_4042769	4042769	4042840	-	6	72	TTG	TAG	0	0
mORF_-_4042870	4042870	4042956	-	5	87	TTG	TAA	0	0

mORF_-_4042917	4042917	4042934	-	4	18	TTG	TGA	0	0	
mORF_-_4042931	4042931	4042975	-	6	45	TTG	TGA	0	0	
mORF_-_4042935	4042935	4043003	-	4	69	TTG	TGA	0	0	
mORF_-_4043007	4043007	4043027	-	4	21	GTG	TAA	0	0	
mORF_-_4043024	4043024	4043086	-	6	63	ATG	TGA	0	0	
mORF_-_4043044	4043044	4043064	-	5	21	TTG	TAA	0	0	
mORF_-_4043058	4043058	4043417	-	4	360	GTG	TGA	0	0	
mORF_-_4043110	4043110	4043172	-	5	63	GTG	TGA	0	0	
mORF_-_4043129	4043129	4043221	-	6	93	ATG	TGA	0	0	
mORF_-_4043179	4043179	4043205	-	5	27	TTG	TAA	0	0	
mORF_-_4043245	4043245	4043274	-	5	30	TTG	TAA	0	0	
mORF_-_4043267	4043267	4043296	-	6	30	GTG	TAA	0	0	
mORF_-_4043324	4043324	4043362	-	6	39	TTG	TGA	0	0	
mORF_-_4043414	4043414	4043428	-	6	15	TTG	TGA	0	0	
mORF_-_4043440	4043440	4043490	-	5	51	TTG	TAA	0	0	
mORF_-_4043492	4043492	4043509	-	6	18	ATG	TGA	0	0	
mORF_-_4043523	4043523	4043546	-	4	24	TTG	TGA	0	0	
mORF_-_4043527	4043527	4043661	-	5	135	GTG	TAA	0	0	
mORF_-_4043531	4043531	4043575	-	6	45	GTG	TGA	0	0	
mORF_-_4043658	4043658	4043675	-	4	18	ATG	TGA	0	0	
mORF_-_4043693	4043693	4044649	-	6	957	TTG	TAA	1	2	pORF_-_4043693
mORF_-_4043697	4043697	4043768	-	4	72	ATG	TAA	0	0	
mORF_-_4043761	4043761	4043856	-	5	96	TTG	TGA	0	0	
mORF_-_4043875	4043875	4043961	-	5	87	ATG	TAA	0	0	
mORF_-_4043901	4043901	4043918	-	4	18	GTG	TAA	0	0	
mORF_-_4043962	4043962	4044135	-	5	174	GTG	TAA	0	0	
mORF_-_4044099	4044099	4044104	-	4	6	TTG	TGA	0	0	
mORF_-_4044129	4044129	4044206	-	4	78	GTG	TAA	0	0	
mORF_-_4044178	4044178	4044216	-	5	39	TTG	TGA	0	0	
mORF_-_4044259	4044259	4044300	-	5	42	TTG	TGA	0	0	
mORF_-_4044273	4044273	4044311	-	4	39	TTG	TAA	0	0	
mORF_-_4044321	4044321	4044326	-	4	6	TTG	TAA	0	0	
mORF_-_4044348	4044348	4044380	-	4	33	ATG	TAA	0	0	
mORF_-_4044394	4044394	4044423	-	5	30	GTG	TGA	0	0	
mORF_-_4044420	4044420	4044431	-	4	12	TTG	TGA	0	0	
mORF_-_4044436	4044436	4044447	-	5	12	GTG	TGA	0	0	
mORF_-_4044444	4044444	4044530	-	4	87	TTG	TGA	0	0	
mORF_-_4044496	4044496	4044510	-	5	15	TTG	TAA	0	0	
mORF_-_4044610	4044610	4044723	-	5	114	GTG	TGA	0	0	
mORF_-_4044693	4044693	4044794	-	4	102	TTG	TAA	0	0	
mORF_-_4044740	4044740	4044748	-	6	9	TTG	TAA	0	0	
mORF_-_4044745	4044745	4044987	-	5	243	ATG	TGA	0	0	
mORF_-_4044798	4044798	4044815	-	4	18	ATG	TGA	0	0	
mORF_-_4044825	4044825	4044866	-	4	42	ATG	TAA	0	0	
mORF_-_4044893	4044893	4044898	-	6	6	TTG	TAG	0	0	
mORF_-_4044927	4044927	4044938	-	4	12	ATG	TGA	0	0	
mORF_-_4044935	4044935	4044952	-	6	18	ATG	TGA	0	0	
mORF_-_4044956	4044956	4045006	-	6	51	TTG	TAA	0	0	
mORF_-_4044987	4044987	4045013	-	4	27	GTG	TAA	0	0	
mORF_-_4045014	4045014	4045052	-	4	39	ATG	TAA	0	0	
mORF_-_4045031	4045031	4045216	-	6	186	ATG	TGA	0	0	
mORF_-_4045054	4045054	4045182	-	5	129	TTG	TGA	0	0	
mORF_-_4045137	4045137	4045259	-	4	123	GTG	TGA	0	0	
mORF_-_4045216	4045216	4045707	-	5	492	TTG	TAA	0	0	
mORF_-_4045223	4045223	4045702	-	6	480	TTG	TGA	1	2	pORF_-_4045223
mORF_-_4045389	4045389	4045430	-	4	42	TTG	TGA	0	0	
mORF_-_4045515	4045515	4045727	-	4	213	ATG	TGA	0	0	
mORF_-_4045717	4045717	4045887	-	5	171	TTG	TAA	0	0	
mORF_-_4045724	4045724	4045795	-	6	72	TTG	TGA	0	0	
mORF_-_4045839	4045839	4045955	-	4	117	TTG	TGA	0	0	
mORF_-_4045877	4045877	4046173	-	6	297	TTG	TAA	0	0	
mORF_-_4045966	4045966	4045974	-	5	9	TTG	TAA	0	0	
mORF_-_4045975	4045975	4046079	-	5	105	ATG	TAG	0	0	

mORF_-_4045980	4045980	4046048	-	4	69	ATG	TGA	0	0	
mORF_-_4046109	4046109	4046192	-	4	84	GTG	TAG	0	0	
mORF_-_4046201	4046201	4046545	-	6	345	GTG	TAG	0	0	
mORF_-_4046278	4046278	4046316	-	5	39	ATG	TAG	0	0	
mORF_-_4046326	4046326	4046337	-	5	12	TTG	TAG	0	0	
mORF_-_4046353	4046353	4046430	-	5	78	TTG	TGA	0	0	
mORF_-_4046476	4046476	4046649	-	5	174	TTG	TAA	0	0	
mORF_-_4046499	4046499	4046603	-	4	105	GTG	TGA	0	0	
mORF_-_4046600	4046600	4046701	-	6	102	ATG	TGA	0	0	
mORF_-_4046650	4046650	4046775	-	5	126	ATG	TGA	0	0	
mORF_-_4046744	4046744	4046749	-	6	6	TTG	TAA	0	0	
mORF_-_4046775	4046775	4046861	-	4	87	TTG	TAA	0	0	
mORF_-_4046810	4046810	4046968	-	6	159	GTG	TGA	0	0	
mORF_-_4046905	4046905	4046934	-	5	30	TTG	TAG	0	0	
mORF_-_4046931	4046931	4047002	-	4	72	TTG	TGA	0	0	
mORF_-_4046965	4046965	4047024	-	5	60	ATG	TGA	0	0	
mORF_-_4046999	4046999	4047019	-	6	21	TTG	TGA	0	0	
mORF_-_4047095	4047095	4047316	-	6	222	TTG	TGA	0	0	
mORF_-_4047103	4047103	4047270	-	5	168	TTG	TAG	0	0	
mORF_-_4047126	4047126	4047224	-	4	99	GTG	TAA	0	0	
mORF_-_4047267	4047267	4047329	-	4	63	GTG	TGA	0	0	
mORF_-_4047283	4047283	4047351	-	5	69	ATG	TAA	0	0	
mORF_-_4047370	4047370	4047402	-	5	33	GTG	TAG	0	0	
mORF_-_4047427	4047427	4047621	-	5	195	ATG	TAG	0	0	
mORF_-_4047519	4047519	4047530	-	4	12	TTG	TAA	0	0	
mORF_-_4047587	4047587	4047790	-	6	204	ATG	TAA	0	0	
mORF_-_4047618	4047618	4047815	-	4	198	ATG	TGA	0	0	
mORF_-_4047772	4047772	4047825	-	5	54	GTG	TAG	0	0	
mORF_-_4047841	4047841	4047861	-	5	21	TTG	TAA	0	0	
mORF_-_4047851	4047851	4047901	-	6	51	TTG	TAG	0	0	
mORF_-_4047873	4047873	4047878	-	4	6	TTG	TAA	0	0	
mORF_-_4047961	4047961	4047969	-	5	9	GTG	TAA	0	0	
mORF_-_4047993	4047993	4048142	-	4	150	ATG	TAA	0	0	
mORF_-_4048028	4048028	4048138	-	6	111	TTG	TAA	0	0	
mORF_-_4048075	4048075	4048083	-	5	9	TTG	TGA	0	0	
mORF_-_4048142	4048142	4048150	-	6	9	TTG	TAA	0	0	
mORF_-_4048156	4048156	4048788	-	5	633	TTG	TAA	27	248	pORF_-_4048156
mORF_-_4048245	4048245	4048301	-	4	57	GTG	TGA	0	0	
mORF_-_4048322	4048322	4048396	-	6	75	GTG	TAA	0	0	
mORF_-_4048386	4048386	4048400	-	4	15	TTG	TAG	0	0	
mORF_-_4048397	4048397	4048507	-	6	111	ATG	TGA	0	0	
mORF_-_4048443	4048443	4048499	-	4	57	GTG	TAA	0	0	
mORF_-_4048515	4048515	4048586	-	4	72	TTG	TGA	0	0	
mORF_-_4048659	4048659	4048748	-	4	90	GTG	TGA	0	0	
mORF_-_4048752	4048752	4048757	-	4	6	TTG	TGA	0	0	
mORF_-_4048781	4048781	4048900	-	6	120	ATG	TAA	0	0	
mORF_-_4048807	4048807	4048947	-	5	141	ATG	TGA	0	0	
mORF_-_4048824	4048824	4049060	-	4	237	ATG	TAA	0	0	
mORF_-_4048967	4048967	4049056	-	6	90	GTG	TGA	0	0	
mORF_-_4049032	4049032	4049085	-	5	54	TTG	TAA	0	0	
mORF_-_4049135	4049135	4049185	-	6	51	GTG	TGA	0	0	
mORF_-_4049179	4049179	4049232	-	5	54	TTG	TGA	0	0	
mORF_-_4049255	4049255	4049401	-	6	147	TTG	TAA	0	0	
mORF_-_4049368	4049368	4049562	-	5	195	GTG	TAA	0	0	
mORF_-_4049391	4049391	4049489	-	4	99	ATG	TGA	0	0	
mORF_-_4049444	4049444	4049464	-	6	21	TTG	TGA	0	0	
mORF_-_4049486	4049486	4049623	-	6	138	TTG	TGA	0	0	
mORF_-_4049526	4049526	4049621	-	4	96	GTG	TGA	0	0	
mORF_-_4049581	4049581	4049589	-	5	9	ATG	TAG	0	0	
mORF_-_4049641	4049641	4049652	-	5	12	GTG	TAG	0	0	
mORF_-_4049670	4049670	4049846	-	4	177	TTG	TAA	0	0	
mORF_-_4049807	4049807	4049875	-	6	69	TTG	TAA	0	0	
mORF_-_4049933	4049933	4050082	-	6	150	TTG	TAA	0	0	

mORF_-_4049953	4049953	4050069	-	5	117	ATG	TAA	0	0	
mORF_-_4049958	4049958	4050224	-	4	267	ATG	TAG	0	0	
mORF_-_4050118	4050118	4050138	-	5	21	GTG	TAG	0	0	
mORF_-_4050191	4050191	4050196	-	6	6	TTG	TAA	0	0	
mORF_-_4050224	4050224	4050541	-	6	318	ATG	TAA	0	0	
mORF_-_4050265	4050265	4050309	-	5	45	TTG	TAA	0	0	
mORF_-_4050291	4050291	4050359	-	4	69	GTG	TAA	0	0	
mORF_-_4050376	4050376	4050477	-	5	102	TTG	TGA	0	0	
mORF_-_4050538	4050538	4050690	-	5	153	ATG	TGA	0	0	
mORF_-_4050542	4050542	4051126	-	6	585	TTG	TAA	0	0	
mORF_-_4050636	4050636	4050647	-	4	12	GTG	TGA	0	0	
mORF_-_4050790	4050790	4050810	-	5	21	ATG	TAG	0	0	
mORF_-_4050820	4050820	4050888	-	5	69	ATG	TGA	0	0	
mORF_-_4051003	4051003	4051011	-	5	9	GTG	TAG	0	0	
mORF_-_4051012	4051012	4051059	-	5	48	ATG	TGA	0	0	
mORF_-_4051108	4051108	4051206	-	5	99	TTG	TGA	0	0	
mORF_-_4051154	4051154	4051252	-	6	99	GTG	TAG	0	0	
mORF_-_4051261	4051261	4051380	-	5	120	ATG	TAA	0	0	
mORF_-_4051278	4051278	4051301	-	4	24	TTG	TGA	0	0	
mORF_-_4051438	4051438	4051596	-	5	159	ATG	TAA	0	0	
mORF_-_4051461	4051461	4051529	-	4	69	TTG	TAA	0	0	
mORF_-_4051487	4051487	4051504	-	6	18	TTG	TGA	0	0	
mORF_-_4051571	4051571	4051663	-	6	93	TTG	TAA	0	0	
mORF_-_4051633	4051633	4051686	-	5	54	TTG	TAG	0	0	
mORF_-_4051670	4051670	4051780	-	6	111	ATG	TGA	0	0	
mORF_-_4051674	4051674	4051700	-	4	27	GTG	TAG	0	0	
mORF_-_4051687	4051687	4051749	-	5	63	GTG	TGA	0	0	
mORF_-_4051765	4051765	4051863	-	5	99	TTG	TAA	0	0	
mORF_-_4051820	4051820	4051870	-	6	51	TTG	TAA	0	0	
mORF_-_4051860	4051860	4051895	-	4	36	GTG	TGA	0	0	
mORF_-_4051867	4051867	4051881	-	5	15	GTG	TGA	0	0	
mORF_-_4051874	4051874	4051879	-	6	6	GTG	TAA	0	0	
mORF_-_4051892	4051892	4053361	-	6	1470	TTG	TGA	9	30	pORF_-_4051892
mORF_-_4051968	4051968	4052078	-	4	111	GTG	TAA	0	0	
mORF_-_4051999	4051999	4052145	-	5	147	TTG	TGA	0	0	
mORF_-_4052142	4052142	4052246	-	4	105	GTG	TGA	0	0	
mORF_-_4052296	4052296	4052319	-	5	24	TTG	TAG	0	0	
mORF_-_4052398	4052398	4052484	-	5	87	ATG	TGA	0	0	
mORF_-_4052491	4052491	4052673	-	5	183	TTG	TGA	0	0	
mORF_-_4052716	4052716	4052766	-	5	51	ATG	TGA	0	0	
mORF_-_4052806	4052806	4053039	-	5	234	ATG	TGA	0	0	
mORF_-_4053058	4053058	4053204	-	5	147	TTG	TGA	0	0	
mORF_-_4053217	4053217	4053273	-	5	57	ATG	TAA	0	0	
mORF_-_4053243	4053243	4053254	-	4	12	TTG	TGA	0	0	
mORF_-_4053270	4053270	4053395	-	4	126	TTG	TGA	0	0	
mORF_-_4053313	4053313	4054362	-	5	1050	ATG	TAA	4	8	pORF_-_4053313
mORF_-_4053396	4053396	4053515	-	4	120	TTG	TGA	0	0	
mORF_-_4053552	4053552	4053629	-	4	78	TTG	TGA	0	0	
mORF_-_4053633	4053633	4053698	-	4	66	GTG	TGA	0	0	
mORF_-_4053852	4053852	4053947	-	4	96	ATG	TGA	0	0	
mORF_-_4053963	4053963	4053980	-	4	18	TTG	TAG	0	0	
mORF_-_4054194	4054194	4054292	-	4	99	ATG	TGA	0	0	
mORF_-_4054310	4054310	4054462	-	6	153	ATG	TAA	0	0	
mORF_-_4054314	4054314	4054391	-	4	78	ATG	TGA	0	0	
mORF_-_4054393	4054393	4054401	-	5	9	ATG	TAA	0	0	
mORF_-_4054411	4054411	4054434	-	5	24	ATG	TAA	0	0	
mORF_-_4054434	4054434	4054490	-	4	57	TTG	TGA	0	0	
mORF_-_4054474	4054474	4054497	-	5	24	GTG	TAG	0	0	
mORF_-_4054494	4054494	4054514	-	4	21	GTG	TGA	0	0	
mORF_-_4054511	4054511	4054633	-	6	123	GTG	TGA	0	0	
mORF_-_4054525	4054525	4054638	-	5	114	TTG	TAG	0	0	
mORF_-_4054536	4054536	4054670	-	4	135	TTG	TGA	0	0	
mORF_-_4054639	4054639	4054647	-	5	9	GTG	TAG	0	0	

mORF_-_4054648	4054648	4056057	-	5	1410	ATG	TAA	151	4840	pORF_-_4054648
mORF_-_4054689	4054689	4054763	-	4	75	GTG	TGA	0	0	
mORF_-_4054800	4054800	4054919	-	4	120	TTG	TGA	0	0	
mORF_-_4054916	4054916	4054948	-	6	33	GTG	TGA	0	0	
mORF_-_4054929	4054929	4054943	-	4	15	TTG	TGA	0	0	
mORF_-_4055064	4055064	4055078	-	4	15	ATG	TAA	0	0	
mORF_-_4055151	4055151	4055270	-	4	120	GTG	TAA	0	0	
mORF_-_4055319	4055319	4055336	-	4	18	ATG	TAG	0	0	
mORF_-_4055415	4055415	4055438	-	4	24	TTG	TAG	0	0	
mORF_-_4055435	4055435	4055470	-	6	36	GTG	TGA	0	0	
mORF_-_4055529	4055529	4055780	-	4	252	TTG	TGA	0	0	
mORF_-_4055552	4055552	4055584	-	6	33	ATG	TAA	0	0	
mORF_-_4055777	4055777	4055791	-	6	15	TTG	TGA	0	0	
mORF_-_4055799	4055799	4055828	-	4	30	TTG	TGA	0	0	
mORF_-_4055853	4055853	4055939	-	4	87	ATG	TGA	0	0	
mORF_-_4055940	4055940	4056008	-	4	69	TTG	TGA	0	0	
mORF_-_4056036	4056036	4056269	-	4	234	ATG	TGA	0	0	
mORF_-_4056047	4056047	4056157	-	6	111	TTG	TGA	0	0	
mORF_-_4056079	4056079	4056108	-	5	30	TTG	TGA	0	0	
mORF_-_4056172	4056172	4056237	-	5	66	TTG	TAG	0	0	
mORF_-_4056185	4056185	4056337	-	6	153	TTG	TGA	0	0	
mORF_-_4056259	4056259	4056279	-	5	21	TTG	TAA	0	0	
mORF_-_4056300	4056300	4056620	-	4	321	TTG	TAA	0	0	
mORF_-_4056319	4056319	4056324	-	5	6	TTG	TGA	0	0	
mORF_-_4056382	4056382	4056663	-	5	282	GTG	TAA	0	0	
mORF_-_4056630	4056630	4056770	-	4	141	TTG	TAA	0	0	
mORF_-_4056638	4056638	4056733	-	6	96	ATG	TGA	0	0	
mORF_-_4056709	4056709	4058202	-	5	1494	GTG	TGA	0	0	
mORF_-_4056783	4056783	4056815	-	4	33	TTG	TAA	0	0	
mORF_-_4056918	4056918	4056977	-	4	60	ATG	TAA	0	0	
mORF_-_4057068	4057068	4057073	-	4	6	TTG	TAA	0	0	
mORF_-_4057077	4057077	4057373	-	4	297	GTG	TAG	0	0	
mORF_-_4057256	4057256	4057327	-	6	72	GTG	TGA	0	0	
mORF_-_4057416	4057416	4057547	-	4	132	ATG	TGA	0	0	
mORF_-_4057589	4057589	4057762	-	6	174	TTG	TAA	0	0	
mORF_-_4057662	4057662	4057715	-	4	54	ATG	TGA	0	0	
mORF_-_4057749	4057749	4057832	-	4	84	GTG	TAG	0	0	
mORF_-_4058007	4058007	4058144	-	4	138	ATG	TGA	0	0	
mORF_-_4058180	4058180	4058239	-	6	60	GTG	TAG	0	0	
mORF_-_4058199	4058199	4058231	-	4	33	TTG	TGA	0	0	
mORF_-_4058250	4058250	4058270	-	4	21	ATG	TAA	0	0	
mORF_-_4058263	4058263	4058325	-	5	63	TTG	TAA	0	0	
mORF_-_4058267	4058267	4058320	-	6	54	GTG	TGA	0	0	
mORF_-_4058340	4058340	4058396	-	4	57	ATG	TAA	0	0	
mORF_-_4058354	4058354	4058362	-	6	9	TTG	TAA	0	0	
mORF_-_4058375	4058375	4058380	-	6	6	TTG	TGA	0	0	
mORF_-_4058393	4058393	4058503	-	6	111	TTG	TGA	0	0	
mORF_-_4058449	4058449	4058484	-	5	36	TTG	TAA	0	0	
mORF_-_4058481	4058481	4058645	-	4	165	TTG	TGA	1	3	pORF_-_4058481
mORF_-_4058563	4058563	4058745	-	5	183	TTG	TGA	0	0	
mORF_-_4058693	4058693	4058737	-	6	45	TTG	TAA	0	0	
mORF_-_4058768	4058768	4058836	-	6	69	TTG	TAA	0	0	
mORF_-_4058833	4058833	4058952	-	5	120	GTG	TGA	0	0	
mORF_-_4058844	4058844	4058855	-	4	12	GTG	TAG	0	0	
mORF_-_4058852	4058852	4058902	-	6	51	ATG	TGA	0	0	
mORF_-_4058930	4058930	4058956	-	6	27	ATG	TAA	0	0	
mORF_-_4058953	4058953	4058985	-	5	33	TTG	TGA	0	0	
mORF_-_4058979	4058979	4059170	-	4	192	ATG	TAG	0	0	
mORF_-_4059082	4059082	4059234	-	5	153	GTG	TAA	0	0	
mORF_-_4059186	4059186	4059320	-	4	135	TTG	TAA	0	0	
mORF_-_4059218	4059218	4059223	-	6	6	TTG	TAG	0	0	
mORF_-_4059248	4059248	4059268	-	6	21	ATG	TAA	0	0	
mORF_-_4059265	4059265	4059345	-	5	81	TTG	TGA	0	0	

mORF_-_4059332	4059332	4059448	-	6	117	ATG	TAG	0	0
mORF_-_4059342	4059342	4059476	-	4	135	ATG	TGA	0	0
mORF_-_4059445	4059445	4059498	-	5	54	ATG	TGA	0	0
mORF_-_4059477	4059477	4059539	-	4	63	GTG	TAG	0	0
mORF_-_4059541	4059541	4059588	-	5	48	ATG	TAA	0	0
mORF_-_4059566	4059566	4059646	-	6	81	ATG	TAA	0	0
mORF_-_4059653	4059653	4059664	-	6	12	ATG	TAA	0	0
mORF_-_4059661	4059661	4059804	-	5	144	TTG	TGA	0	0
mORF_-_4059710	4059710	4059751	-	6	42	ATG	TAA	0	0
mORF_-_4059735	4059735	4059779	-	4	45	GTG	TGA	0	0
mORF_-_4059764	4059764	4059844	-	6	81	ATG	TAA	0	0
mORF_-_4059862	4059862	4059882	-	5	21	TTG	TGA	0	0
mORF_-_4059890	4059890	4060054	-	6	165	ATG	TAA	0	0
mORF_-_4059900	4059900	4060094	-	4	195	TTG	TAA	0	0
mORF_-_4060070	4060070	4060111	-	6	42	ATG	TAA	0	0
mORF_-_4060108	4060108	4060137	-	5	30	TTG	TGA	0	0
mORF_-_4060124	4060124	4060165	-	6	42	GTG	TAG	0	0
mORF_-_4060134	4060134	4060202	-	4	69	ATG	TGA	0	0
mORF_-_4060175	4060175	4060183	-	6	9	ATG	TAA	0	0
mORF_-_4060190	4060190	4060207	-	6	18	ATG	TAA	0	0
mORF_-_4060233	4060233	4060277	-	4	45	GTG	TAA	0	0
mORF_-_4060298	4060298	4060327	-	6	30	TTG	TAA	0	0
mORF_-_4060336	4060336	4060401	-	5	66	TTG	TAA	0	0
mORF_-_4060359	4060359	4060394	-	4	36	TTG	TAA	0	0
mORF_-_4060398	4060398	4060439	-	4	42	GTG	TGA	0	0
mORF_-_4060412	4060412	4060429	-	6	18	ATG	TAG	0	0
mORF_-_4060457	4060457	4060507	-	6	51	GTG	TAG	0	0
mORF_-_4060461	4060461	4060511	-	4	51	ATG	TAA	0	0
mORF_-_4060508	4060508	4060546	-	6	39	TTG	TGA	0	0
mORF_-_4060533	4060533	4060781	-	4	249	ATG	TAA	0	0
mORF_-_4060582	4060582	4060662	-	5	81	TTG	TAG	0	0
mORF_-_4060625	4060625	4060720	-	6	96	ATG	TGA	0	0
mORF_-_4060788	4060788	4060925	-	4	138	TTG	TAG	0	0
mORF_-_4060820	4060820	4060888	-	6	69	ATG	TAA	0	0
mORF_-_4060946	4060946	4060987	-	6	42	ATG	TAA	0	0
mORF_-_4060971	4060971	4061012	-	4	42	ATG	TAA	0	0
mORF_-_4060991	4060991	4060999	-	6	9	ATG	TGA	0	0
mORF_-_4061017	4061017	4061061	-	5	45	TTG	TAG	0	0
mORF_-_4061043	4061043	4061099	-	4	57	ATG	TAA	0	0
mORF_-_4061054	4061054	4061128	-	6	75	TTG	TAA	0	0
mORF_-_4061137	4061137	4061196	-	5	60	GTG	TAG	0	0
mORF_-_4061142	4061142	4061156	-	4	15	ATG	TAG	0	0
mORF_-_4061183	4061183	4061227	-	6	45	ATG	TAA	0	0
mORF_-_4061255	4061255	4061281	-	6	27	GTG	TAA	0	0
mORF_-_4061282	4061282	4061296	-	6	15	TTG	TAG	0	0
mORF_-_4061385	4061385	4061390	-	4	6	ATG	TAG	0	0
mORF_-_4061398	4061398	4061502	-	5	105	TTG	TAA	0	0
mORF_-_4061418	4061418	4061438	-	4	21	ATG	TAG	0	0
mORF_-_4061438	4061438	4061455	-	6	18	ATG	TAA	0	0
mORF_-_4061495	4061495	4061611	-	6	117	ATG	TAA	0	0
mORF_-_4061536	4061536	4061580	-	5	45	TTG	TAA	0	0
mORF_-_4061601	4061601	4061624	-	4	24	GTG	TAA	0	0
mORF_-_4061621	4061621	4061626	-	6	6	ATG	TGA	0	0
mORF_-_4061626	4061626	4062354	-	5	729	GTG	TGA	0	0
mORF_-_4061694	4061694	4061801	-	4	108	ATG	TAG	0	0
mORF_-_4061753	4061753	4061767	-	6	15	TTG	TAA	0	0
mORF_-_4061802	4061802	4061891	-	4	90	ATG	TGA	0	0
mORF_-_4061958	4061958	4062032	-	4	75	ATG	TGA	0	0
mORF_-_4061963	4061963	4061971	-	6	9	ATG	TAA	0	0
mORF_-_4062036	4062036	4062044	-	4	9	GTG	TAA	0	0
mORF_-_4062057	4062057	4062113	-	4	57	ATG	TAA	0	0
mORF_-_4062117	4062117	4062125	-	4	9	ATG	TAA	0	0
mORF_-_4062153	4062153	4062263	-	4	111	TTG	TAA	0	0

mORF_-_4062297	4062297	4062305	-	4	9	ATG	TAA	0	0	
mORF_-_4062305	4062305	4062385	-	6	81	ATG	TAA	0	0	
mORF_-_4062315	4062315	4062329	-	4	15	ATG	TGA	0	0	
mORF_-_4062386	4062386	4063795	-	6	1410	GTG	TAA	0	0	
mORF_-_4062394	4062394	4062456	-	5	63	TTG	TAA	0	0	
mORF_-_4062460	4062460	4062480	-	5	21	ATG	TGA	0	0	
mORF_-_4062477	4062477	4062533	-	4	57	TTG	TGA	0	0	
mORF_-_4062505	4062505	4062606	-	5	102	TTG	TGA	0	0	
mORF_-_4062613	4062613	4062720	-	5	108	GTG	TGA	0	0	
mORF_-_4062657	4062657	4062716	-	4	60	ATG	TAA	0	0	
mORF_-_4062717	4062717	4062794	-	4	78	TTG	TGA	0	0	
mORF_-_4062763	4062763	4062792	-	5	30	GTG	TAA	0	0	
mORF_-_4062838	4062838	4062897	-	5	60	TTG	TGA	0	0	
mORF_-_4062846	4062846	4062860	-	4	15	GTG	TGA	0	0	
mORF_-_4062891	4062891	4062968	-	4	78	GTG	TAA	0	0	
mORF_-_4062910	4062910	4062987	-	5	78	ATG	TAA	0	0	
mORF_-_4062988	4062988	4063152	-	5	165	ATG	TGA	0	0	
mORF_-_4063032	4063032	4063052	-	4	21	GTG	TAA	0	0	
mORF_-_4063056	4063056	4063103	-	4	48	TTG	TAA	0	0	
mORF_-_4063125	4063125	4063178	-	4	54	GTG	TAA	0	0	
mORF_-_4063183	4063183	4063230	-	5	48	ATG	TGA	0	0	
mORF_-_4063245	4063245	4063286	-	4	42	TTG	TGA	0	0	
mORF_-_4063297	4063297	4063344	-	5	48	ATG	TAG	0	0	
mORF_-_4063369	4063369	4063380	-	5	12	ATG	TGA	0	0	
mORF_-_4063393	4063393	4063413	-	5	21	TTG	TGA	0	0	
mORF_-_4063417	4063417	4063491	-	5	75	TTG	TGA	0	0	
mORF_-_4063446	4063446	4063460	-	4	15	TTG	TAA	0	0	
mORF_-_4063492	4063492	4063638	-	5	147	ATG	TAA	0	0	
mORF_-_4063654	4063654	4063662	-	5	9	ATG	TAG	0	0	
mORF_-_4063705	4063705	4063734	-	5	30	ATG	TAA	0	0	
mORF_-_4063832	4063832	4065250	-	6	1419	GTG	TAA	0	0	
mORF_-_4063845	4063845	4063907	-	4	63	TTG	TAA	0	0	
mORF_-_4063855	4063855	4063878	-	5	24	ATG	TAG	0	0	
mORF_-_4063891	4063891	4063920	-	5	30	TTG	TGA	0	0	
mORF_-_4063957	4063957	4064016	-	5	60	TTG	TGA	0	0	
mORF_-_4063986	4063986	4064126	-	4	141	GTG	TGA	0	0	
mORF_-_4064164	4064164	4064190	-	5	27	TTG	TGA	0	0	
mORF_-_4064172	4064172	4064270	-	4	99	TTG	TAA	0	0	
mORF_-_4064272	4064272	4064307	-	5	36	TTG	TGA	0	0	
mORF_-_4064442	4064442	4064477	-	4	36	GTG	TAA	0	0	
mORF_-_4064452	4064452	4064568	-	5	117	ATG	TAG	0	0	
mORF_-_4064547	4064547	4064600	-	4	54	GTG	TAA	0	0	
mORF_-_4064578	4064578	4064652	-	5	75	TTG	TGA	0	0	
mORF_-_4064661	4064661	4064741	-	4	81	ATG	TAA	0	0	
mORF_-_4064857	4064857	4064934	-	5	78	ATG	TGA	0	0	
mORF_-_4065037	4065037	4065057	-	5	21	ATG	TGA	0	0	
mORF_-_4065094	4065094	4065147	-	5	54	TTG	TGA	0	0	
mORF_-_4065168	4065168	4065299	-	4	132	ATG	TAA	0	0	
mORF_-_4065263	4065263	4067299	-	6	2037	ATG	TAA	1	90	pORF_-_4065263
mORF_-_4065274	4065274	4065444	-	5	171	ATG	TAA	0	0	
mORF_-_4065490	4065490	4065564	-	5	75	ATG	TGA	0	0	
mORF_-_4065616	4065616	4065657	-	5	42	TTG	TGA	0	0	
mORF_-_4065681	4065681	4065728	-	4	48	GTG	TAA	0	0	
mORF_-_4065757	4065757	4065807	-	5	51	ATG	TGA	0	0	
mORF_-_4065762	4065762	4065896	-	4	135	GTG	TGA	0	0	
mORF_-_4065814	4065814	4065858	-	5	45	ATG	TGA	0	0	
mORF_-_4065898	4065898	4066116	-	5	219	TTG	TGA	0	0	
mORF_-_4065990	4065990	4066004	-	4	15	GTG	TAA	0	0	
mORF_-_4066132	4066132	4066290	-	5	159	ATG	TGA	0	0	
mORF_-_4066275	4066275	4066334	-	4	60	GTG	TAA	0	0	
mORF_-_4066338	4066338	4066391	-	4	54	GTG	TAA	0	0	
mORF_-_4066393	4066393	4066407	-	5	15	TTG	TGA	0	0	
mORF_-_4066470	4066470	4066499	-	4	30	GTG	TAA	0	0	

mORF_-_4066528	4066528	4066539	-	5	12	ATG	TAA	0	0
mORF_-_4066582	4066582	4066677	-	5	96	GTG	TAA	0	0
mORF_-_4066611	4066611	4066619	-	4	9	ATG	TGA	0	0
mORF_-_4066620	4066620	4066649	-	4	30	GTG	TGA	0	0
mORF_-_4066677	4066677	4066700	-	4	24	TTG	TAG	0	0
mORF_-_4066690	4066690	4066938	-	5	249	TTG	TGA	0	0
mORF_-_4066845	4066845	4066856	-	4	12	ATG	TGA	0	0
mORF_-_4067020	4067020	4067046	-	5	27	GTG	TGA	0	0
mORF_-_4067037	4067037	4067066	-	4	30	TTG	TGA	0	0
mORF_-_4067059	4067059	4067106	-	5	48	TTG	TAA	0	0
mORF_-_4067139	4067139	4067189	-	4	51	TTG	TAA	0	0
mORF_-_4067164	4067164	4067178	-	5	15	TTG	TAG	0	0
mORF_-_4067250	4067250	4067312	-	4	63	ATG	TAA	0	0
mORF_-_4067302	4067302	4067373	-	5	72	ATG	TAG	0	0
mORF_-_4067394	4067394	4067471	-	4	78	TTG	TAA	0	0
mORF_-_4067468	4067468	4067491	-	6	24	TTG	TGA	0	0
mORF_-_4067488	4067488	4067496	-	5	9	TTG	TGA	0	0
mORF_-_4067498	4067498	4068424	-	6	927	ATG	TAA	0	0
mORF_-_4067586	4067586	4067597	-	4	12	TTG	TAA	0	0
mORF_-_4067599	4067599	4067640	-	5	42	GTG	TGA	0	0
mORF_-_4067643	4067643	4067723	-	4	81	GTG	TAG	0	0
mORF_-_4067713	4067713	4067730	-	5	18	ATG	TGA	0	0
mORF_-_4067791	4067791	4067889	-	5	99	TTG	TAA	0	0
mORF_-_4067908	4067908	4068012	-	5	105	TTG	TAA	0	0
mORF_-_4068085	4068085	4068153	-	5	69	ATG	TAA	0	0
mORF_-_4068153	4068153	4068218	-	4	66	GTG	TAA	0	0
mORF_-_4068231	4068231	4068287	-	4	57	TTG	TAA	0	0
mORF_-_4068298	4068298	4068318	-	5	21	GTG	TAA	0	0
mORF_-_4068303	4068303	4068404	-	4	102	TTG	TGA	0	0
mORF_-_4068325	4068325	4068375	-	5	51	GTG	TGA	0	0
mORF_-_4068415	4068415	4068465	-	5	51	GTG	TAA	0	0
mORF_-_4068498	4068498	4068521	-	4	24	GTG	TAA	0	0
mORF_-_4068534	4068534	4068572	-	4	39	TTG	TGA	0	0
mORF_-_4068538	4068538	4069794	-	5	1257	ATG	TAA	0	0
mORF_-_4068548	4068548	4068622	-	6	75	TTG	TAA	0	0
mORF_-_4068612	4068612	4068716	-	4	105	ATG	TGA	0	0
mORF_-_4068674	4068674	4068700	-	6	27	GTG	TAA	0	0
mORF_-_4068723	4068723	4068950	-	4	228	ATG	TGA	0	0
mORF_-_4068731	4068731	4068751	-	6	21	ATG	TAA	0	0
mORF_-_4068767	4068767	4068835	-	6	69	TTG	TGA	0	0
mORF_-_4068932	4068932	4069027	-	6	96	ATG	TAA	0	0
mORF_-_4068954	4068954	4069001	-	4	48	ATG	TAG	0	0
mORF_-_4069079	4069079	4069111	-	6	33	GTG	TAA	0	0
mORF_-_4069145	4069145	4069204	-	6	60	ATG	TAA	0	0
mORF_-_4069170	4069170	4069232	-	4	63	TTG	TGA	0	0
mORF_-_4069223	4069223	4069321	-	6	99	GTG	TGA	0	0
mORF_-_4069233	4069233	4069484	-	4	252	ATG	TGA	0	0
mORF_-_4069485	4069485	4069520	-	4	36	GTG	TGA	0	0
mORF_-_4069533	4069533	4069595	-	4	63	TTG	TGA	0	0
mORF_-_4069553	4069553	4069630	-	6	78	GTG	TGA	0	0
mORF_-_4069671	4069671	4069682	-	4	12	TTG	TAG	0	0
mORF_-_4069695	4069695	4069718	-	4	24	TTG	TAG	0	0
mORF_-_4069715	4069715	4069747	-	6	33	TTG	TGA	0	0
mORF_-_4069766	4069766	4069774	-	6	9	ATG	TAA	0	0
mORF_-_4069796	4069796	4070674	-	6	879	ATG	TAA	0	0
mORF_-_4069806	4069806	4069859	-	4	54	TTG	TAA	0	0
mORF_-_4069813	4069813	4069866	-	5	54	GTG	TGA	0	0
mORF_-_4069863	4069863	4070012	-	4	150	ATG	TGA	0	0
mORF_-_4069873	4069873	4069917	-	5	45	GTG	TGA	0	0
mORF_-_4069948	4069948	4069992	-	5	45	GTG	TGA	0	0
mORF_-_4070005	4070005	4070031	-	5	27	ATG	TGA	0	0
mORF_-_4070032	4070032	4070202	-	5	171	TTG	TGA	0	0
mORF_-_4070199	4070199	4070231	-	4	33	GTG	TGA	0	0

mORF_-_4070248	4070248	4070283	-	5	36	GTG	TGA	0	0	
mORF_-_4070283	4070283	4070291	-	4	9	GTG	TAG	0	0	
mORF_-_4070305	4070305	4070415	-	5	111	TTG	TAA	0	0	
mORF_-_4070400	4070400	4070426	-	4	27	TTG	TGA	0	0	
mORF_-_4070416	4070416	4070451	-	5	36	TTG	TGA	0	0	
mORF_-_4070479	4070479	4070499	-	5	21	ATG	TAG	0	0	
mORF_-_4070554	4070554	4070583	-	5	30	TTG	TAG	0	0	
mORF_-_4070587	4070587	4070628	-	5	42	TTG	TGA	0	0	
mORF_-_4070667	4070667	4070678	-	4	12	ATG	TAA	0	0	
mORF_-_4070698	4070698	4071594	-	5	897	ATG	TAA	0	0	
mORF_-_4070718	4070718	4070885	-	4	168	TTG	TGA	0	0	
mORF_-_4070957	4070957	4071022	-	6	66	GTG	TAA	0	0	
mORF_-_4070979	4070979	4070996	-	4	18	ATG	TGA	0	0	
mORF_-_4071009	4071009	4071050	-	4	42	ATG	TGA	0	0	
mORF_-_4071120	4071120	4071128	-	4	9	GTG	TGA	0	0	
mORF_-_4071141	4071141	4071215	-	4	75	ATG	TGA	0	0	
mORF_-_4071231	4071231	4071242	-	4	12	ATG	TAG	0	0	
mORF_-_4071246	4071246	4071278	-	4	33	TTG	TGA	0	0	
mORF_-_4071279	4071279	4071464	-	4	186	GTG	TGA	0	0	
mORF_-_4071317	4071317	4071352	-	6	36	TTG	TGA	0	0	
mORF_-_4071498	4071498	4071506	-	4	9	TTG	TGA	0	0	
mORF_-_4071567	4071567	4071632	-	4	66	ATG	TAG	0	0	
mORF_-_4071614	4071614	4071622	-	6	9	GTG	TAA	0	0	
mORF_-_4071629	4071629	4071703	-	6	75	GTG	TGA	0	0	
mORF_-_4071633	4071633	4071743	-	4	111	TTG	TAA	0	0	
mORF_-_4071700	4071700	4071714	-	5	15	TTG	TGA	0	0	
mORF_-_4071724	4071724	4071909	-	5	186	TTG	TAA	0	0	
mORF_-_4071749	4071749	4071805	-	6	57	ATG	TAA	0	0	
mORF_-_4071822	4071822	4072181	-	4	360	GTG	TAA	0	0	
mORF_-_4071857	4071857	4072003	-	6	147	GTG	TAA	0	0	
mORF_-_4072007	4072007	4072084	-	6	78	ATG	TAA	0	0	
mORF_-_4072145	4072145	4072204	-	6	60	GTG	TGA	0	0	
mORF_-_4072214	4072214	4072249	-	6	36	ATG	TGA	0	0	
mORF_-_4072264	4072264	4072365	-	5	102	GTG	TGA	0	0	
mORF_-_4072281	4072281	4072292	-	4	12	GTG	TAA	0	0	
mORF_-_4072289	4072289	4072375	-	6	87	GTG	TGA	0	0	
mORF_-_4072353	4072353	4072502	-	4	150	GTG	TAG	0	0	
mORF_-_4072372	4072372	4072377	-	5	6	TTG	TGA	0	0	
mORF_-_4072445	4072445	4072480	-	6	36	GTG	TGA	0	0	
mORF_-_4072456	4072456	4072647	-	5	192	GTG	TGA	1	4	pORF_-_4072456
mORF_-_4072499	4072499	4072588	-	6	90	GTG	TGA	0	0	
mORF_-_4072578	4072578	4072628	-	4	51	TTG	TAA	0	0	
mORF_-_4072625	4072625	4072804	-	6	180	GTG	TGA	0	0	
mORF_-_4072707	4072707	4072733	-	4	27	TTG	TAG	0	0	
mORF_-_4072738	4072738	4072785	-	5	48	TTG	TGA	0	0	
mORF_-_4072833	4072833	4072928	-	4	96	TTG	TAA	0	0	
mORF_-_4072894	4072894	4072989	-	5	96	TTG	TAA	0	0	
mORF_-_4072967	4072967	4073002	-	6	36	ATG	TAG	0	0	
mORF_-_4072983	4072983	4073021	-	4	39	ATG	TGA	0	0	
mORF_-_4073034	4073034	4073147	-	4	114	ATG	TAA	0	0	
mORF_-_4073048	4073048	4073068	-	6	21	TTG	TGA	0	0	
mORF_-_4073093	4073093	4073101	-	6	9	TTG	TAA	0	0	
mORF_-_4073144	4073144	4073161	-	6	18	ATG	TGA	0	0	
mORF_-_4073158	4073158	4073217	-	5	60	TTG	TGA	0	0	
mORF_-_4073169	4073169	4073342	-	4	174	ATG	TGA	0	0	
mORF_-_4073327	4073327	4073332	-	6	6	GTG	TGA	0	0	
mORF_-_4073332	4073332	4073376	-	5	45	GTG	TAG	0	0	
mORF_-_4073339	4073339	4073515	-	6	177	GTG	TGA	0	0	
mORF_-_4073392	4073392	4073427	-	5	36	GTG	TAA	0	0	
mORF_-_4073430	4073430	4073444	-	4	15	TTG	TAA	0	0	
mORF_-_4073491	4073491	4073529	-	5	39	ATG	TAA	0	0	
mORF_-_4073502	4073502	4073573	-	4	72	TTG	TGA	0	0	
mORF_-_4073622	4073622	4073672	-	4	51	ATG	TAA	0	0	

mORF_-_4073651	4073651	4073764	-	6	114	ATG	TAA	0	0	
mORF_-_4073780	4073780	4074022	-	6	243	ATG	TAG	1	2	pORF_-_4073780
mORF_-_4073800	4073800	4073919	-	5	120	GTG	TGA	0	0	
mORF_-_4073850	4073850	4074047	-	4	198	GTG	TGA	0	0	
mORF_-_4073968	4073968	4073997	-	5	30	TTG	TAG	0	0	
mORF_-_4074013	4074013	4074099	-	5	87	TTG	TAA	0	0	
mORF_-_4074100	4074100	4074144	-	5	45	ATG	TGA	0	0	
mORF_-_4074111	4074111	4074182	-	4	72	ATG	TAA	0	0	
mORF_-_4074167	4074167	4074307	-	6	141	ATG	TAA	0	0	
mORF_-_4074172	4074172	4074201	-	5	30	GTG	TAG	0	0	
mORF_-_4074183	4074183	4074263	-	4	81	ATG	TGA	0	0	
mORF_-_4074232	4074232	4074243	-	5	12	TTG	TAG	0	0	
mORF_-_4074288	4074288	4074374	-	4	87	ATG	TAG	0	0	
mORF_-_4074379	4074379	4074447	-	5	69	TTG	TAA	0	0	
mORF_-_4074384	4074384	4074401	-	4	18	TTG	TGA	0	0	
mORF_-_4074429	4074429	4074548	-	4	120	ATG	TGA	0	0	
mORF_-_4074500	4074500	4074574	-	6	75	TTG	TGA	0	0	
mORF_-_4074654	4074654	4074776	-	4	123	ATG	TAG	0	0	
mORF_-_4074785	4074785	4074823	-	6	39	GTG	TAG	0	0	
mORF_-_4074858	4074858	4074869	-	4	12	ATG	TAA	0	0	
mORF_-_4074863	4074863	4074880	-	6	18	ATG	TGA	0	0	
mORF_-_4074882	4074882	4074890	-	4	9	ATG	TGA	0	0	
mORF_-_4074887	4074887	4074943	-	6	57	ATG	TGA	0	0	
mORF_-_4074891	4074891	4074917	-	4	27	ATG	TAA	0	0	
mORF_-_4074933	4074933	4074998	-	4	66	TTG	TAG	0	0	
mORF_-_4074977	4074977	4075039	-	6	63	ATG	TGA	0	0	
mORF_-_4075000	4075000	4075047	-	5	48	ATG	TAG	0	0	
mORF_-_4075047	4075047	4075055	-	4	9	TTG	TAA	0	0	
mORF_-_4075052	4075052	4075078	-	6	27	GTG	TGA	0	0	
mORF_-_4075075	4075075	4075164	-	5	90	TTG	TGA	0	0	
mORF_-_4075125	4075125	4075238	-	4	114	TTG	TAA	0	0	
mORF_-_4075190	4075190	4075321	-	6	132	TTG	TAG	0	0	
mORF_-_4075273	4075273	4075332	-	5	60	GTG	TAA	0	0	
mORF_-_4075350	4075350	4075505	-	4	156	TTG	TAA	0	0	
mORF_-_4075379	4075379	4075441	-	6	63	TTG	TGA	0	0	
mORF_-_4075438	4075438	4075458	-	5	21	ATG	TGA	0	0	
mORF_-_4075493	4075493	4075543	-	6	51	TTG	TGA	0	0	
mORF_-_4075518	4075518	4075613	-	4	96	TTG	TAG	0	0	
mORF_-_4075556	4075556	4075750	-	6	195	ATG	TAA	0	0	
mORF_-_4075651	4075651	4075731	-	5	81	ATG	TGA	0	0	
mORF_-_4075747	4075747	4075779	-	5	33	GTG	TGA	0	0	
mORF_-_4075772	4075772	4076122	-	6	351	ATG	TAA	0	0	
mORF_-_4075813	4075813	4075875	-	5	63	TTG	TGA	0	0	
mORF_-_4075891	4075891	4076055	-	5	165	ATG	TGA	0	0	
mORF_-_4075902	4075902	4075913	-	4	12	TTG	TGA	0	0	
mORF_-_4076056	4076056	4076106	-	5	51	TTG	TGA	0	0	
mORF_-_4076085	4076085	4076150	-	4	66	GTG	TAG	0	0	
mORF_-_4076107	4076107	4076163	-	5	57	GTG	TGA	0	0	
mORF_-_4076147	4076147	4076272	-	6	126	ATG	TGA	0	0	
mORF_-_4076242	4076242	4076250	-	5	9	TTG	TAG	0	0	
mORF_-_4076256	4076256	4076423	-	4	168	ATG	TAA	0	0	
mORF_-_4076269	4076269	4076493	-	5	225	ATG	TGA	0	0	
mORF_-_4076494	4076494	4076502	-	5	9	ATG	TGA	0	0	
mORF_-_4076533	4076533	4076607	-	5	75	ATG	TAA	0	0	
mORF_-_4076546	4076546	4076575	-	6	30	ATG	TAG	0	0	
mORF_-_4076586	4076586	4076594	-	4	9	GTG	TAG	0	0	
mORF_-_4076608	4076608	4076637	-	5	30	TTG	TAA	0	0	
mORF_-_4076654	4076654	4076665	-	6	12	ATG	TAA	0	0	
mORF_-_4076667	4076667	4076756	-	4	90	TTG	TAA	0	0	
mORF_-_4076696	4076696	4076728	-	6	33	ATG	TGA	0	0	
mORF_-_4076737	4076737	4076799	-	5	63	ATG	TAA	0	0	
mORF_-_4076750	4076750	4076803	-	6	54	ATG	TAG	0	0	
mORF_-_4076829	4076829	4076894	-	4	66	ATG	TAA	0	0	

mORF_-_4076848	4076848	4076901	-	5	54	TTG	TAA	0	0	
mORF_-_4076907	4076907	4076975	-	4	69	TTG	TAA	0	0	
mORF_-_4076923	4076923	4077030	-	5	108	GTG	TAA	0	0	
mORF_-_4077032	4077032	4077136	-	6	105	ATG	TAA	0	0	
mORF_-_4077070	4077070	4077078	-	5	9	ATG	TAG	0	0	
mORF_-_4077079	4077079	4077129	-	5	51	ATG	TGA	0	0	
mORF_-_4077117	4077117	4077188	-	4	72	GTG	TGA	0	0	
mORF_-_4077133	4077133	4077231	-	5	99	ATG	TGA	0	0	
mORF_-_4077149	4077149	4077157	-	6	9	ATG	TAG	0	0	
mORF_-_4077194	4077194	4077280	-	6	87	ATG	TAA	0	0	
mORF_-_4077249	4077249	4077356	-	4	108	TTG	TAA	0	0	
mORF_-_4077284	4077284	4077340	-	6	57	ATG	TAA	0	0	
mORF_-_4077337	4077337	4077372	-	5	36	TTG	TGA	0	0	
mORF_-_4077357	4077357	4077467	-	4	111	TTG	TAA	0	0	
mORF_-_4077410	4077410	4077535	-	6	126	TTG	TAA	0	0	
mORF_-_4077508	4077508	4077546	-	5	39	ATG	TGA	0	0	
mORF_-_4077583	4077583	4077591	-	5	9	TTG	TAA	0	0	
mORF_-_4077609	4077609	4077623	-	4	15	TTG	TAA	0	0	
mORF_-_4077627	4077627	4077635	-	4	9	ATG	TAA	0	0	
mORF_-_4077632	4077632	4077727	-	6	96	TTG	TGA	0	0	
mORF_-_4077687	4077687	4077719	-	4	33	ATG	TAA	0	0	
mORF_-_4077795	4077795	4077818	-	4	24	TTG	TAA	0	0	
mORF_-_4077811	4077811	4078011	-	5	201	TTG	TAA	0	0	
mORF_-_4077864	4077864	4077938	-	4	75	TTG	TAA	0	0	
mORF_-_4077896	4077896	4077931	-	6	36	ATG	TGA	0	0	
mORF_-_4077965	4077965	4078042	-	6	78	ATG	TGA	0	0	
mORF_-_4078008	4078008	4078226	-	4	219	ATG	TGA	0	0	
mORF_-_4078012	4078012	4078026	-	5	15	TTG	TGA	0	0	
mORF_-_4078073	4078073	4078078	-	6	6	TTG	TAG	0	0	
mORF_-_4078106	4078106	4078135	-	6	30	ATG	TAA	0	0	
mORF_-_4078177	4078177	4078269	-	5	93	GTG	TAA	0	0	
mORF_-_4078266	4078266	4078304	-	4	39	GTG	TGA	0	0	
mORF_-_4078315	4078315	4078419	-	5	105	ATG	TGA	0	0	
mORF_-_4078322	4078322	4079251	-	6	930	ATG	TAA	10	143	pORF_-_4078322
mORF_-_4078465	4078465	4078521	-	5	57	ATG	TGA	0	0	
mORF_-_4078518	4078518	4078589	-	4	72	ATG	TGA	0	0	
mORF_-_4078579	4078579	4078674	-	5	96	GTG	TAG	0	0	
mORF_-_4078596	4078596	4078685	-	4	90	TTG	TGA	0	0	
mORF_-_4078729	4078729	4078875	-	5	147	TTG	TGA	0	0	
mORF_-_4078909	4078909	4078920	-	5	12	TTG	TGA	0	0	
mORF_-_4078930	4078930	4078956	-	5	27	GTG	TGA	0	0	
mORF_-_4079020	4079020	4079100	-	5	81	GTG	TGA	0	0	
mORF_-_4079188	4079188	4079226	-	5	39	ATG	TGA	0	0	
mORF_-_4079223	4079223	4079285	-	4	63	GTG	TGA	0	0	
mORF_-_4079248	4079248	4079883	-	5	636	ATG	TGA	1	0	pORF_-_4079248
mORF_-_4079282	4079282	4079548	-	6	267	ATG	TGA	0	0	
mORF_-_4079361	4079361	4079402	-	4	42	TTG	TGA	0	0	
mORF_-_4079403	4079403	4079420	-	4	18	TTG	TAA	0	0	
mORF_-_4079448	4079448	4079474	-	4	27	TTG	TGA	0	0	
mORF_-_4079502	4079502	4079579	-	4	78	GTG	TGA	0	0	
mORF_-_4079580	4079580	4079633	-	4	54	ATG	TAG	0	0	
mORF_-_4079603	4079603	4079623	-	6	21	TTG	TAA	0	0	
mORF_-_4079643	4079643	4079708	-	4	66	TTG	TAA	0	0	
mORF_-_4079793	4079793	4079873	-	4	81	GTG	TGA	0	0	
mORF_-_4079870	4079870	4079995	-	6	126	TTG	TGA	0	0	
mORF_-_4079880	4079880	4080782	-	4	903	ATG	TGA	6	9	pORF_-_4079880
mORF_-_4080032	4080032	4080154	-	6	123	ATG	TGA	0	0	
mORF_-_4080173	4080173	4080184	-	6	12	TTG	TGA	0	0	
mORF_-_4080254	4080254	4080436	-	6	183	GTG	TGA	0	0	
mORF_-_4080289	4080289	4080555	-	5	267	GTG	TGA	0	0	
mORF_-_4080566	4080566	4080595	-	6	30	TTG	TAA	0	0	
mORF_-_4080598	4080598	4080639	-	5	42	GTG	TAA	0	0	
mORF_-_4080731	4080731	4080811	-	6	81	ATG	TGA	0	0	

mORF_-_4080795	4080795	4083209	-	4	2415	ATG	TAA	23	12	pORF_-_4080795
mORF_-_4080812	4080812	4080859	-	6	48	TTG	TGA	0	0	
mORF_-_4080869	4080869	4080883	-	6	15	TTG	TAA	0	0	
mORF_-_4080899	4080899	4080910	-	6	12	ATG	TAG	0	0	
mORF_-_4080983	4080983	4081012	-	6	30	GTG	TGA	0	0	
mORF_-_4081028	4081028	4081087	-	6	60	TTG	TGA	0	0	
mORF_-_4081151	4081151	4081336	-	6	186	TTG	TGA	0	0	
mORF_-_4081384	4081384	4081431	-	5	48	GTG	TAG	0	0	
mORF_-_4081432	4081432	4081473	-	5	42	GTG	TAA	0	0	
mORF_-_4081448	4081448	4081789	-	6	342	ATG	TGA	0	0	
mORF_-_4081522	4081522	4081539	-	5	18	ATG	TAA	0	0	
mORF_-_4081786	4081786	4081809	-	5	24	ATG	TGA	0	0	
mORF_-_4081817	4081817	4081855	-	6	39	ATG	TGA	0	0	
mORF_-_4081900	4081900	4081944	-	5	45	GTG	TGA	0	0	
mORF_-_4081904	4081904	4082041	-	6	138	TTG	TGA	0	0	
mORF_-_4082048	4082048	4082056	-	6	9	GTG	TGA	0	0	
mORF_-_4082083	4082083	4082133	-	5	51	TTG	TGA	0	0	
mORF_-_4082138	4082138	4082197	-	6	60	ATG	TGA	0	0	
mORF_-_4082216	4082216	4082308	-	6	93	TTG	TGA	0	0	
mORF_-_4082248	4082248	4082256	-	5	9	GTG	TAA	0	0	
mORF_-_4082564	4082564	4082653	-	6	90	GTG	TGA	0	0	
mORF_-_4082681	4082681	4082725	-	6	45	ATG	TGA	0	0	
mORF_-_4082716	4082716	4082766	-	5	51	GTG	TGA	0	0	
mORF_-_4082753	4082753	4082908	-	6	156	GTG	TGA	0	0	
mORF_-_4082915	4082915	4082965	-	6	51	ATG	TGA	0	0	
mORF_-_4082969	4082969	4083031	-	6	63	ATG	TGA	0	0	
mORF_-_4083074	4083074	4083079	-	6	6	TTG	TGA	0	0	
mORF_-_4083206	4083206	4083235	-	6	30	TTG	TGA	0	0	
mORF_-_4083242	4083242	4083265	-	6	24	GTG	TAG	0	0	
mORF_-_4083258	4083258	4083845	-	4	588	ATG	TGA	6	4	pORF_-_4083258
mORF_-_4083317	4083317	4083352	-	6	36	GTG	TAA	0	0	
mORF_-_4083334	4083334	4083354	-	5	21	GTG	TAA	0	0	
mORF_-_4083386	4083386	4083421	-	6	36	ATG	TGA	0	0	
mORF_-_4083437	4083437	4083505	-	6	69	GTG	TGA	0	0	
mORF_-_4083454	4083454	4083486	-	5	33	ATG	TGA	0	0	
mORF_-_4083490	4083490	4083573	-	5	84	TTG	TGA	0	0	
mORF_-_4083521	4083521	4083652	-	6	132	GTG	TGA	0	0	
mORF_-_4083649	4083649	4083690	-	5	42	TTG	TGA	0	0	
mORF_-_4083665	4083665	4083676	-	6	12	GTG	TGA	0	0	
mORF_-_4083755	4083755	4083880	-	6	126	ATG	TAG	0	0	
mORF_-_4083817	4083817	4083873	-	5	57	GTG	TAA	0	0	
mORF_-_4083870	4083870	4084001	-	4	132	ATG	TGA	0	0	
mORF_-_4083881	4083881	4083943	-	6	63	TTG	TAA	0	0	
mORF_-_4083959	4083959	4084078	-	6	120	TTG	TGA	0	0	
mORF_-_4084021	4084021	4084098	-	5	78	TTG	TAA	0	0	
mORF_-_4084029	4084029	4084085	-	4	57	GTG	TAA	0	0	
mORF_-_4084082	4084082	4084135	-	6	54	GTG	TGA	0	0	
mORF_-_4084123	4084123	4084131	-	5	9	GTG	TAA	0	0	
mORF_-_4084138	4084138	4084422	-	5	285	TTG	TAA	0	0	
mORF_-_4084176	4084176	4084484	-	4	309	TTG	TAG	0	0	
mORF_-_4084478	4084478	4084498	-	6	21	ATG	TGA	0	0	
mORF_-_4084498	4084498	4084614	-	5	117	ATG	TAA	0	0	
mORF_-_4084503	4084503	4084511	-	4	9	TTG	TGA	0	0	
mORF_-_4084508	4084508	4084918	-	6	411	ATG	TGA	0	0	
mORF_-_4084548	4084548	4084628	-	4	81	TTG	TGA	0	0	
mORF_-_4084645	4084645	4084851	-	5	207	ATG	TGA	0	0	
mORF_-_4084701	4084701	4084769	-	4	69	GTG	TAA	0	0	
mORF_-_4084842	4084842	4084868	-	4	27	TTG	TAA	0	0	
mORF_-_4084915	4084915	4084980	-	5	66	ATG	TGA	0	0	
mORF_-_4084937	4084937	4085020	-	6	84	TTG	TAA	0	0	
mORF_-_4085021	4085021	4085131	-	6	111	TTG	TAA	0	0	
mORF_-_4085040	4085040	4085237	-	4	198	TTG	TAA	0	0	
mORF_-_4085065	4085065	4085148	-	5	84	GTG	TGA	0	0	

mORF_-_4085167	4085167	4085187	-	5	21	TTG	TAG	0	0
mORF_-_4085197	4085197	4085211	-	5	15	GTG	TAG	0	0
mORF_-_4085264	4085264	4085272	-	6	9	TTG	TAG	0	0
mORF_-_4085276	4085276	4085284	-	6	9	TTG	TAG	0	0
mORF_-_4085375	4085375	4085383	-	6	9	ATG	TAA	0	0
mORF_-_4085384	4085384	4085404	-	6	21	TTG	TAG	0	0
mORF_-_4085392	4085392	4085466	-	5	75	TTG	TAA	0	0
mORF_-_4085445	4085445	4085594	-	4	150	GTG	TAA	0	0
mORF_-_4085486	4085486	4085521	-	6	36	ATG	TAA	0	0
mORF_-_4085521	4085521	4085601	-	5	81	ATG	TAA	0	0
mORF_-_4085540	4085540	4085545	-	6	6	GTG	TAA	0	0
mORF_-_4085604	4085604	4085729	-	4	126	GTG	TAA	0	0
mORF_-_4085665	4085665	4085724	-	5	60	ATG	TAA	0	0
mORF_-_4085732	4085732	4085875	-	6	144	ATG	TAG	0	0
mORF_-_4085754	4085754	4085786	-	4	33	TTG	TGA	0	0
mORF_-_4085767	4085767	4085811	-	5	45	TTG	TAA	0	0
mORF_-_4085838	4085838	4085981	-	4	144	TTG	TAG	0	0
mORF_-_4085909	4085909	4085941	-	6	33	ATG	TGA	0	0
mORF_-_4085941	4085941	4086126	-	5	186	GTG	TGA	0	0
mORF_-_4085984	4085984	4086046	-	6	63	TTG	TGA	0	0
mORF_-_4086033	4086033	4086164	-	4	132	ATG	TAA	0	0
mORF_-_4086077	4086077	4086133	-	6	57	GTG	TAA	0	0
mORF_-_4086130	4086130	4087878	-	5	1749	ATG	TGA	0	0
mORF_-_4086161	4086161	4086205	-	6	45	GTG	TGA	0	0
mORF_-_4086171	4086171	4086182	-	4	12	TTG	TAA	0	0
mORF_-_4086234	4086234	4086251	-	4	18	ATG	TAA	0	0
mORF_-_4086270	4086270	4086278	-	4	9	ATG	TGA	0	0
mORF_-_4086297	4086297	4086389	-	4	93	TTG	TGA	0	0
mORF_-_4086302	4086302	4086364	-	6	63	TTG	TGA	0	0
mORF_-_4086390	4086390	4086437	-	4	48	ATG	TGA	0	0
mORF_-_4086434	4086434	4086475	-	6	42	TTG	TGA	0	0
mORF_-_4086462	4086462	4086515	-	4	54	ATG	TAG	0	0
mORF_-_4086648	4086648	4086659	-	4	12	ATG	TAA	0	0
mORF_-_4086687	4086687	4086722	-	4	36	TTG	TGA	0	0
mORF_-_4086729	4086729	4086743	-	4	15	TTG	TAA	0	0
mORF_-_4086734	4086734	4086757	-	6	24	TTG	TAG	0	0
mORF_-_4086759	4086759	4086869	-	4	111	TTG	TAA	0	0
mORF_-_4086882	4086882	4086920	-	4	39	GTG	TGA	0	0
mORF_-_4086945	4086945	4086953	-	4	9	TTG	TGA	0	0
mORF_-_4086984	4086984	4087076	-	4	93	TTG	TGA	0	0
mORF_-_4087004	4087004	4087033	-	6	30	TTG	TGA	0	0
mORF_-_4087083	4087083	4087127	-	4	45	ATG	TGA	0	0
mORF_-_4087188	4087188	4087226	-	4	39	TTG	TAA	0	0
mORF_-_4087236	4087236	4087268	-	4	33	ATG	TAA	0	0
mORF_-_4087244	4087244	4087264	-	6	21	GTG	TGA	0	0
mORF_-_4087305	4087305	4087325	-	4	21	GTG	TGA	0	0
mORF_-_4087410	4087410	4087523	-	4	114	ATG	TAA	0	0
mORF_-_4087472	4087472	4087513	-	6	42	TTG	TGA	0	0
mORF_-_4087520	4087520	4087561	-	6	42	GTG	TGA	0	0
mORF_-_4087554	4087554	4087598	-	4	45	GTG	TAG	0	0
mORF_-_4087614	4087614	4087853	-	4	240	TTG	TGA	0	0
mORF_-_4087878	4087878	4088954	-	4	1077	TTG	TAA	0	0
mORF_-_4087900	4087900	4088025	-	5	126	GTG	TAG	0	0
mORF_-_4087985	4087985	4088035	-	6	51	TTG	TGA	0	0
mORF_-_4088054	4088054	4088083	-	6	30	GTG	TGA	0	0
mORF_-_4088090	4088090	4088131	-	6	42	GTG	TGA	0	0
mORF_-_4088147	4088147	4088182	-	6	36	TTG	TAG	0	0
mORF_-_4088213	4088213	4088248	-	6	36	ATG	TGA	0	0
mORF_-_4088276	4088276	4088356	-	6	81	ATG	TGA	0	0
mORF_-_4088402	4088402	4088563	-	6	162	TTG	TGA	0	0
mORF_-_4088560	4088560	4088691	-	5	132	GTG	TGA	0	0
mORF_-_4088594	4088594	4088620	-	6	27	TTG	TAA	0	0
mORF_-_4088621	4088621	4088626	-	6	6	GTG	TGA	0	0

mORF_-_4088660	4088660	4088845	-	6	186	ATG	TAA	0	0
mORF_-_4088842	4088842	4088853	-	5	12	TTG	TGA	0	0
mORF_-_4088870	4088870	4088941	-	6	72	TTG	TGA	0	0
mORF_-_4088893	4088893	4088922	-	5	30	GTG	TGA	0	0
mORF_-_4088938	4088938	4090395	-	5	1458	GTG	TGA	0	0
mORF_-_4088945	4088945	4088992	-	6	48	GTG	TGA	0	0
mORF_-_4089024	4089024	4089038	-	4	15	TTG	TGA	0	0
mORF_-_4089084	4089084	4089095	-	4	12	TTG	TGA	0	0
mORF_-_4089183	4089183	4089314	-	4	132	TTG	TGA	0	0
mORF_-_4089336	4089336	4089476	-	4	141	TTG	TGA	0	0
mORF_-_4089416	4089416	4089754	-	6	339	TTG	TAA	0	0
mORF_-_4089597	4089597	4089803	-	4	207	TTG	TGA	0	0
mORF_-_4089825	4089825	4089860	-	4	36	TTG	TGA	0	0
mORF_-_4089861	4089861	4089965	-	4	105	TTG	TAG	0	0
mORF_-_4090005	4090005	4090037	-	4	33	TTG	TGA	0	0
mORF_-_4090041	4090041	4090061	-	4	21	TTG	TGA	0	0
mORF_-_4090110	4090110	4090172	-	4	63	GTG	TGA	0	0
mORF_-_4090176	4090176	4090253	-	4	78	GTG	TGA	0	0
mORF_-_4090275	4090275	4090562	-	4	288	TTG	TAA	0	0
mORF_-_4090400	4090400	4090846	-	6	447	ATG	TAA	0	0
mORF_-_4090420	4090420	4090680	-	5	261	TTG	TAA	0	0
mORF_-_4090780	4090780	4090800	-	5	21	ATG	TGA	0	0
mORF_-_4090813	4090813	4090821	-	5	9	TTG	TGA	0	0
mORF_-_4090846	4090846	4090878	-	5	33	TTG	TAA	0	0
mORF_-_4090871	4090871	4091023	-	6	153	ATG	TAA	0	0
mORF_-_4090896	4090896	4090934	-	4	39	TTG	TAA	0	0
mORF_-_4090954	4090954	4090977	-	5	24	ATG	TGA	0	0
mORF_-_4090987	4090987	4091001	-	5	15	ATG	TAA	0	0
mORF_-_4091023	4091023	4091043	-	5	21	GTG	TAA	0	0
mORF_-_4091036	4091036	4091146	-	6	111	TTG	TAA	0	0
mORF_-_4091040	4091040	4091045	-	4	6	TTG	TGA	0	0
mORF_-_4091086	4091086	4091139	-	5	54	ATG	TAA	0	0
mORF_-_4091147	4091147	4091461	-	6	315	ATG	TAA	0	0
mORF_-_4091182	4091182	4091217	-	5	36	ATG	TGA	0	0
mORF_-_4091202	4091202	4091246	-	4	45	TTG	TAA	0	0
mORF_-_4091221	4091221	4091289	-	5	69	TTG	TGA	0	0
mORF_-_4091293	4091293	4091352	-	5	60	GTG	TAG	0	0
mORF_-_4091431	4091431	4091445	-	5	15	TTG	TAA	0	0
mORF_-_4091458	4091458	4091487	-	5	30	GTG	TGA	0	0
mORF_-_4091471	4091471	4092466	-	6	996	TTG	TAA	0	0
mORF_-_4091527	4091527	4091538	-	5	12	GTG	TGA	0	0
mORF_-_4091614	4091614	4091841	-	5	228	ATG	TAA	0	0
mORF_-_4091628	4091628	4091801	-	4	174	GTG	TGA	0	0
mORF_-_4091907	4091907	4091981	-	4	75	TTG	TAA	0	0
mORF_-_4092025	4092025	4092183	-	5	159	ATG	TAG	0	0
mORF_-_4092196	4092196	4092219	-	5	24	ATG	TGA	0	0
mORF_-_4092216	4092216	4092374	-	4	159	TTG	TGA	0	0
mORF_-_4092256	4092256	4092378	-	5	123	TTG	TGA	0	0
mORF_-_4092375	4092375	4092470	-	4	96	TTG	TGA	0	0
mORF_-_4092412	4092412	4092417	-	5	6	TTG	TAG	0	0
mORF_-_4092418	4092418	4092558	-	5	141	TTG	TAG	0	0
mORF_-_4092467	4092467	4092562	-	6	96	TTG	TGA	0	0
mORF_-_4092504	4092504	4092650	-	4	147	TTG	TAG	0	0
mORF_-_4092559	4092559	4092654	-	5	96	TTG	TGA	0	0
mORF_-_4092596	4092596	4092601	-	6	6	TTG	TAG	0	0
mORF_-_4092602	4092602	4092643	-	6	42	ATG	TAG	0	0
mORF_-_4092688	4092688	4092735	-	5	48	ATG	TAG	0	0
mORF_-_4092746	4092746	4094011	-	6	1266	TTG	TAA	0	0
mORF_-_4092760	4092760	4092954	-	5	195	GTG	TGA	0	0
mORF_-_4092774	4092774	4092800	-	4	27	ATG	TGA	0	0
mORF_-_4092804	4092804	4092857	-	4	54	GTG	TAG	0	0
mORF_-_4092930	4092930	4092995	-	4	66	GTG	TGA	0	0
mORF_-_4092970	4092970	4093101	-	5	132	ATG	TGA	0	0

mORF_-_4093111	4093111	4093170	-	5	60	ATG	TAG	0	0
mORF_-_4093201	4093201	4093332	-	5	132	TTG	TGA	0	0
mORF_-_4093206	4093206	4093238	-	4	33	GTG	TGA	0	0
mORF_-_4093372	4093372	4093422	-	5	51	TTG	TGA	0	0
mORF_-_4093435	4093435	4093443	-	5	9	ATG	TGA	0	0
mORF_-_4093462	4093462	4093578	-	5	117	ATG	TGA	0	0
mORF_-_4093585	4093585	4093722	-	5	138	ATG	TAA	0	0
mORF_-_4093611	4093611	4093646	-	4	36	ATG	TAA	0	0
mORF_-_4093750	4093750	4093794	-	5	45	ATG	TGA	0	0
mORF_-_4093840	4093840	4093944	-	5	105	TTG	TGA	0	0
mORF_-_4093941	4093941	4094066	-	4	126	GTG	TGA	0	0
mORF_-_4094002	4094002	4095471	-	5	1470	ATG	TGA	0	0
mORF_-_4094091	4094091	4094147	-	4	57	ATG	TGA	0	0
mORF_-_4094157	4094157	4094195	-	4	39	TTG	TAA	0	0
mORF_-_4094192	4094192	4094236	-	6	45	ATG	TGA	0	0
mORF_-_4094208	4094208	4094468	-	4	261	ATG	TGA	0	0
mORF_-_4094381	4094381	4094437	-	6	57	GTG	TGA	0	0
mORF_-_4094465	4094465	4094572	-	6	108	ATG	TGA	0	0
mORF_-_4094589	4094589	4094654	-	4	66	ATG	TGA	0	0
mORF_-_4094685	4094685	4094720	-	4	36	GTG	TGA	0	0
mORF_-_4094730	4094730	4094795	-	4	66	ATG	TAA	0	0
mORF_-_4094795	4094795	4094809	-	6	15	TTG	TAA	0	0
mORF_-_4094820	4094820	4094852	-	4	33	TTG	TAG	0	0
mORF_-_4094828	4094828	4094878	-	6	51	GTG	TAA	0	0
mORF_-_4094994	4094994	4095011	-	4	18	TTG	TGA	0	0
mORF_-_4095042	4095042	4095050	-	4	9	GTG	TGA	0	0
mORF_-_4095141	4095141	4095242	-	4	102	TTG	TAA	0	0
mORF_-_4095245	4095245	4095271	-	6	27	GTG	TAG	0	0
mORF_-_4095279	4095279	4095353	-	4	75	ATG	TAA	0	0
mORF_-_4095356	4095356	4095394	-	6	39	ATG	TAA	0	0
mORF_-_4095381	4095381	4095398	-	4	18	GTG	TGA	0	0
mORF_-_4095395	4095395	4095457	-	6	63	TTG	TGA	0	0
mORF_-_4095417	4095417	4095455	-	4	39	GTG	TGA	0	0
mORF_-_4095468	4095468	4095494	-	4	27	ATG	TGA	0	0
mORF_-_4095505	4095505	4095594	-	5	90	GTG	TAG	0	0
mORF_-_4095591	4095591	4095626	-	4	36	GTG	TGA	0	0
mORF_-_4095623	4095623	4095646	-	6	24	GTG	TGA	0	0
mORF_-_4095696	4095696	4095746	-	4	51	ATG	TAA	0	0
mORF_-_4095768	4095768	4096112	-	4	345	GTG	TAA	0	0
mORF_-_4095863	4095863	4095892	-	6	30	GTG	TGA	0	0
mORF_-_4095920	4095920	4095940	-	6	21	GTG	TAG	0	0
mORF_-_4095928	4095928	4096068	-	5	141	GTG	TGA	0	0
mORF_-_4095959	4095959	4096006	-	6	48	TTG	TGA	0	0
mORF_-_4096094	4096094	4096279	-	6	186	TTG	TGA	0	0
mORF_-_4096105	4096105	4096146	-	5	42	GTG	TAA	0	0
mORF_-_4096176	4096176	4096214	-	4	39	TTG	TAA	0	0
mORF_-_4096207	4096207	4096272	-	5	66	GTG	TAA	0	0
mORF_-_4096269	4096269	4096346	-	4	78	TTG	TGA	0	0
mORF_-_4096276	4096276	4096359	-	5	84	GTG	TGA	0	0
mORF_-_4096368	4096368	4096448	-	4	81	ATG	TAG	0	0
mORF_-_4096406	4096406	4096483	-	6	78	ATG	TGA	0	0
mORF_-_4096452	4096452	4096517	-	4	66	GTG	TAG	0	0
mORF_-_4096543	4096543	4096677	-	5	135	ATG	TAA	0	0
mORF_-_4096551	4096551	4096610	-	4	60	TTG	TGA	0	0
mORF_-_4096638	4096638	4096667	-	4	30	GTG	TGA	0	0
mORF_-_4096677	4096677	4096694	-	4	18	TTG	TGA	0	0
mORF_-_4096681	4096681	4097013	-	5	333	GTG	TAA	0	0
mORF_-_4096691	4096691	4096774	-	6	84	GTG	TGA	0	0
mORF_-_4096743	4096743	4096829	-	4	87	TTG	TAA	0	0
mORF_-_4096839	4096839	4096847	-	4	9	ATG	TAA	0	0
mORF_-_4096866	4096866	4096871	-	4	6	ATG	TAA	0	0
mORF_-_4096932	4096932	4097030	-	4	99	ATG	TAA	0	0
mORF_-_4096988	4096988	4097011	-	6	24	GTG	TAA	0	0

mORF_-_4097020	4097020	4097385	-	5	366	ATG	TAA	0	0	
mORF_-_4097099	4097099	4097185	-	6	87	ATG	TAG	0	0	
mORF_-_4097157	4097157	4097162	-	4	6	GTG	TAA	0	0	
mORF_-_4097228	4097228	4097275	-	6	48	ATG	TAG	0	0	
mORF_-_4097298	4097298	4097333	-	4	36	TTG	TGA	0	0	
mORF_-_4097395	4097395	4097496	-	5	102	ATG	TAA	0	0	
mORF_-_4097493	4097493	4097501	-	4	9	TTG	TGA	0	0	
mORF_-_4097498	4097498	4097554	-	6	57	TTG	TGA	0	0	
mORF_-_4097514	4097514	4098548	-	4	1035	ATG	TAA	2	23	pORF_-_4097514
mORF_-_4097542	4097542	4097676	-	5	135	TTG	TAA	0	0	
mORF_-_4097558	4097558	4097566	-	6	9	GTG	TGA	0	0	
mORF_-_4097585	4097585	4097605	-	6	21	ATG	TAA	0	0	
mORF_-_4097618	4097618	4097653	-	6	36	ATG	TGA	0	0	
mORF_-_4097660	4097660	4097722	-	6	63	ATG	TGA	0	0	
mORF_-_4097686	4097686	4097745	-	5	60	GTG	TGA	0	0	
mORF_-_4097747	4097747	4097776	-	6	30	ATG	TGA	0	0	
mORF_-_4097831	4097831	4097953	-	6	123	ATG	TGA	0	0	
mORF_-_4097950	4097950	4098009	-	5	60	GTG	TGA	0	0	
mORF_-_4097972	4097972	4097980	-	6	9	TTG	TGA	0	0	
mORF_-_4098095	4098095	4098100	-	6	6	TTG	TAA	0	0	
mORF_-_4098104	4098104	4098112	-	6	9	TTG	TAG	0	0	
mORF_-_4098164	4098164	4098172	-	6	9	ATG	TGA	0	0	
mORF_-_4098200	4098200	4098214	-	6	15	TTG	TGA	0	0	
mORF_-_4098215	4098215	4098241	-	6	27	TTG	TGA	0	0	
mORF_-_4098272	4098272	4098427	-	6	156	GTG	TGA	0	0	
mORF_-_4098289	4098289	4098303	-	5	15	GTG	TAA	0	0	
mORF_-_4098343	4098343	4098519	-	5	177	TTG	TAG	0	0	
mORF_-_4098461	4098461	4098496	-	6	36	GTG	TAA	0	0	
mORF_-_4098545	4098545	4098580	-	6	36	GTG	TGA	0	0	
mORF_-_4098577	4098577	4098663	-	5	87	GTG	TGA	0	0	
mORF_-_4098618	4098618	4098659	-	4	42	TTG	TAA	0	0	
mORF_-_4098660	4098660	4098716	-	4	57	ATG	TGA	0	0	
mORF_-_4098686	4098686	4098760	-	6	75	ATG	TGA	0	0	
mORF_-_4098721	4098721	4098738	-	5	18	ATG	TAA	0	0	
mORF_-_4098765	4098765	4098851	-	4	87	ATG	TAA	0	0	
mORF_-_4098797	4098797	4099348	-	6	552	ATG	TAA	0	0	
mORF_-_4098865	4098865	4098921	-	5	57	TTG	TAA	0	0	
mORF_-_4098934	4098934	4099056	-	5	123	TTG	TAG	0	0	
mORF_-_4099066	4099066	4099173	-	5	108	TTG	TGA	0	0	
mORF_-_4099170	4099170	4099223	-	4	54	ATG	TGA	0	0	
mORF_-_4099384	4099384	4099473	-	5	90	TTG	TAG	0	0	
mORF_-_4099389	4099389	4099457	-	4	69	ATG	TAA	0	0	
mORF_-_4099454	4099454	4099492	-	6	39	ATG	TGA	0	0	
mORF_-_4099494	4099494	4099610	-	4	117	GTG	TGA	0	0	
mORF_-_4099547	4099547	4099591	-	6	45	TTG	TGA	0	0	
mORF_-_4099588	4099588	4099653	-	5	66	GTG	TGA	0	0	
mORF_-_4099647	4099647	4099679	-	4	33	ATG	TGA	0	0	
mORF_-_4099672	4099672	4099827	-	5	156	ATG	TAA	0	0	
mORF_-_4099679	4099679	4100077	-	6	399	TTG	TGA	0	0	
mORF_-_4099767	4099767	4099790	-	4	24	GTG	TAG	0	0	
mORF_-_4099843	4099843	4099896	-	5	54	TTG	TAA	0	0	
mORF_-_4099902	4099902	4100009	-	4	108	ATG	TAA	0	0	
mORF_-_4099951	4099951	4099983	-	5	33	TTG	TAG	0	0	
mORF_-_4099996	4099996	4100043	-	5	48	TTG	TAA	0	0	
mORF_-_4100040	4100040	4100219	-	4	180	ATG	TGA	0	0	
mORF_-_4100087	4100087	4100653	-	6	567	TTG	TAA	1	4	pORF_-_4100087
mORF_-_4100098	4100098	4100136	-	5	39	ATG	TGA	0	0	
mORF_-_4100238	4100238	4100312	-	4	75	TTG	TAA	0	0	
mORF_-_4100296	4100296	4100325	-	5	30	ATG	TGA	0	0	
mORF_-_4100437	4100437	4100520	-	5	84	GTG	TAA	0	0	
mORF_-_4100551	4100551	4100574	-	5	24	TTG	TAA	0	0	
mORF_-_4100596	4100596	4100622	-	5	27	TTG	TGA	0	0	
mORF_-_4100632	4100632	4100643	-	5	12	GTG	TAG	0	0	

mORF_-_4100679	4100679	4100717	-	4	39	GTG	TAA	0	0	
mORF_-_4100748	4100748	4100876	-	4	129	TTG	TAG	0	0	
mORF_-_4100771	4100771	4100911	-	6	141	TTG	TAA	0	0	
mORF_-_4100812	4100812	4101036	-	5	225	ATG	TAG	0	0	
mORF_-_4100886	4100886	4100900	-	4	15	TTG	TAA	0	0	
mORF_-_4100915	4100915	4101172	-	6	258	ATG	TAG	0	0	
mORF_-_4101172	4101172	4101411	-	5	240	GTG	TAA	0	0	
mORF_-_4101204	4101204	4101215	-	4	12	TTG	TAG	0	0	
mORF_-_4101216	4101216	4101374	-	4	159	ATG	TAA	0	0	
mORF_-_4101341	4101341	4101577	-	6	237	TTG	TGA	0	0	
mORF_-_4101408	4101408	4101482	-	4	75	TTG	TGA	0	0	
mORF_-_4101433	4101433	4101462	-	5	30	TTG	TAA	0	0	
mORF_-_4101550	4101550	4101561	-	5	12	ATG	TGA	0	0	
mORF_-_4101601	4101601	4101615	-	5	15	TTG	TAA	0	0	
mORF_-_4101625	4101625	4102998	-	5	1374	ATG	TAA	4	14	pORF_-_4101625
mORF_-_4101635	4101635	4101652	-	6	18	TTG	TAA	0	0	
mORF_-_4101693	4101693	4101839	-	4	147	ATG	TGA	0	0	
mORF_-_4101873	4101873	4101944	-	4	72	GTG	TAG	0	0	
mORF_-_4101920	4101920	4101979	-	6	60	GTG	TAA	0	0	
mORF_-_4102002	4102002	4102055	-	4	54	GTG	TGA	0	0	
mORF_-_4102052	4102052	4102060	-	6	9	GTG	TGA	0	0	
mORF_-_4102137	4102137	4102193	-	4	57	GTG	TGA	0	0	
mORF_-_4102293	4102293	4102406	-	4	114	ATG	TGA	0	0	
mORF_-_4102419	4102419	4102493	-	4	75	TTG	TGA	0	0	
mORF_-_4102424	4102424	4102459	-	6	36	GTG	TAA	0	0	
mORF_-_4102494	4102494	4102517	-	4	24	TTG	TGA	0	0	
mORF_-_4102563	4102563	4102673	-	4	111	TTG	TGA	0	0	
mORF_-_4102706	4102706	4102768	-	6	63	GTG	TGA	0	0	
mORF_-_4102734	4102734	4102775	-	4	42	TTG	TGA	0	0	
mORF_-_4102772	4102772	4102801	-	6	30	GTG	TGA	0	0	
mORF_-_4102803	4102803	4102853	-	4	51	TTG	TAA	0	0	
mORF_-_4102995	4102995	4103693	-	4	699	ATG	TGA	27	148	pORF_-_4102995
mORF_-_4103012	4103012	4103104	-	6	93	TTG	TGA	0	0	
mORF_-_4103038	4103038	4103046	-	5	9	GTG	TAA	0	0	
mORF_-_4103150	4103150	4103161	-	6	12	GTG	TAA	0	0	
mORF_-_4103276	4103276	4103449	-	6	174	GTG	TAG	0	0	
mORF_-_4103504	4103504	4103521	-	6	18	ATG	TAA	0	0	
mORF_-_4103537	4103537	4103608	-	6	72	TTG	TAA	0	0	
mORF_-_4103654	4103654	4103674	-	6	21	TTG	TGA	0	0	
mORF_-_4103719	4103719	4103727	-	5	9	ATG	TAA	0	0	
mORF_-_4103737	4103737	4103745	-	5	9	ATG	TAG	0	0	
mORF_-_4103750	4103750	4103839	-	6	90	TTG	TAA	0	0	
mORF_-_4103760	4103760	4103777	-	4	18	ATG	TAA	0	0	
mORF_-_4103803	4103803	4103988	-	5	186	ATG	TAG	0	0	
mORF_-_4103865	4103865	4103876	-	4	12	TTG	TGA	0	0	
mORF_-_4103886	4103886	4103894	-	4	9	ATG	TGA	0	0	
mORF_-_4103894	4103894	4103902	-	6	9	GTG	TAA	0	0	
mORF_-_4103918	4103918	4103974	-	6	57	ATG	TGA	0	0	
mORF_-_4103993	4103993	4104199	-	6	207	TTG	TAA	0	0	
mORF_-_4104010	4104010	4104099	-	5	90	GTG	TGA	0	0	
mORF_-_4104066	4104066	4104083	-	4	18	TTG	TAA	0	0	
mORF_-_4104096	4104096	4104392	-	4	297	ATG	TGA	0	0	
mORF_-_4104169	4104169	4104195	-	5	27	TTG	TGA	0	0	
mORF_-_4104212	4104212	4104229	-	6	18	TTG	TAA	0	0	
mORF_-_4104236	4104236	4104292	-	6	57	TTG	TAA	0	0	
mORF_-_4104250	4104250	4104390	-	5	141	GTG	TGA	0	0	
mORF_-_4104329	4104329	4104418	-	6	90	TTG	TGA	0	0	
mORF_-_4104431	4104431	4104439	-	6	9	ATG	TAA	0	0	
mORF_-_4104459	4104459	4104500	-	4	42	TTG	TAA	0	0	
mORF_-_4104568	4104568	4104582	-	5	15	ATG	TAA	0	0	
mORF_-_4104660	4104660	4104749	-	4	90	TTG	TAA	0	0	
mORF_-_4104757	4104757	4104819	-	5	63	GTG	TAA	0	0	
mORF_-_4104774	4104774	4104803	-	4	30	ATG	TAG	0	0	

mORF_-_4104844	4104844	4104855	-	5	12	TTG	TAA	0	0
mORF_-_4104864	4104864	4104920	-	4	57	TTG	TAG	0	0
mORF_-_4104945	4104945	4105019	-	4	75	ATG	TAG	0	0
mORF_-_4104950	4104950	4105054	-	6	105	ATG	TAA	0	0
mORF_-_4104964	4104964	4105119	-	5	156	ATG	TAA	0	0
mORF_-_4105055	4105055	4105081	-	6	27	ATG	TAG	0	0
mORF_-_4105104	4105104	4105187	-	4	84	GTG	TAA	0	0
mORF_-_4105184	4105184	4105198	-	6	15	GTG	TGA	0	0
mORF_-_4105206	4105206	4105274	-	4	69	ATG	TGA	0	0
mORF_-_4105222	4105222	4105272	-	5	51	GTG	TAA	0	0
mORF_-_4105305	4105305	4105340	-	4	36	ATG	TAA	0	0
mORF_-_4105340	4105340	4105444	-	6	105	ATG	TGA	0	0
mORF_-_4105381	4105381	4105422	-	5	42	ATG	TAG	0	0
mORF_-_4105395	4105395	4105463	-	4	69	TTG	TGA	0	0
mORF_-_4105482	4105482	4105559	-	4	78	TTG	TAA	0	0
mORF_-_4105487	4105487	4105537	-	6	51	TTG	TAG	0	0
mORF_-_4105507	4105507	4105554	-	5	48	ATG	TGA	0	0
mORF_-_4105544	4105544	4105624	-	6	81	ATG	TGA	0	0
mORF_-_4105579	4105579	4105635	-	5	57	TTG	TAA	0	0
mORF_-_4105731	4105731	4106459	-	4	729	GTG	TAG	0	0
mORF_-_4105739	4105739	4105819	-	6	81	ATG	TAA	0	0
mORF_-_4105873	4105873	4105905	-	5	33	TTG	TAA	0	0
mORF_-_4105892	4105892	4105975	-	6	84	GTG	TAG	0	0
mORF_-_4105979	4105979	4106044	-	6	66	GTG	TAG	0	0
mORF_-_4106090	4106090	4106326	-	6	237	ATG	TAA	0	0
mORF_-_4106275	4106275	4106310	-	5	36	TTG	TGA	0	0
mORF_-_4106453	4106453	4106500	-	6	48	TTG	TGA	0	0
mORF_-_4106534	4106534	4106686	-	6	153	ATG	TAA	0	0
mORF_-_4106563	4106563	4106706	-	5	144	GTG	TAA	0	0
mORF_-_4106619	4106619	4106624	-	4	6	ATG	TAG	0	0
mORF_-_4106637	4106637	4106717	-	4	81	TTG	TAA	0	0
mORF_-_4106711	4106711	4106767	-	6	57	TTG	TGA	0	0
mORF_-_4106743	4106743	4106832	-	5	90	GTG	TAA	0	0
mORF_-_4106804	4106804	4106899	-	6	96	TTG	TAA	0	0
mORF_-_4106829	4106829	4106864	-	4	36	TTG	TGA	0	0
mORF_-_4106906	4106906	4106914	-	6	9	TTG	TAA	0	0
mORF_-_4106922	4106922	4106978	-	4	57	TTG	TGA	0	0
mORF_-_4106930	4106930	4106983	-	6	54	ATG	TAA	0	0
mORF_-_4106938	4106938	4107006	-	5	69	TTG	TGA	0	0
mORF_-_4106984	4106984	4107037	-	6	54	GTG	TGA	0	0
mORF_-_4107030	4107030	4107098	-	4	69	GTG	TGA	0	0
mORF_-_4107034	4107034	4107039	-	5	6	GTG	TGA	0	0
mORF_-_4107046	4107046	4107354	-	5	309	GTG	TGA	0	0
mORF_-_4107095	4107095	4107127	-	6	33	TTG	TGA	0	0
mORF_-_4107111	4107111	4107284	-	4	174	GTG	TAG	0	0
mORF_-_4107161	4107161	4107187	-	6	27	GTG	TGA	0	0
mORF_-_4107287	4107287	4107397	-	6	111	GTG	TAG	0	0
mORF_-_4107351	4107351	4107362	-	4	12	TTG	TGA	0	0
mORF_-_4107366	4107366	4107548	-	4	183	GTG	TGA	0	0
mORF_-_4107560	4107560	4107577	-	6	18	TTG	TAG	0	0
mORF_-_4107617	4107617	4107742	-	6	126	TTG	TAG	0	0
mORF_-_4107690	4107690	4107761	-	4	72	ATG	TAG	0	0
mORF_-_4107751	4107751	4107906	-	5	156	GTG	TAA	0	0
mORF_-_4107828	4107828	4107839	-	4	12	TTG	TGA	0	0
mORF_-_4107916	4107916	4107927	-	5	12	ATG	TAA	0	0
mORF_-_4107990	4107990	4108115	-	4	126	ATG	TAA	0	0
mORF_-_4108018	4108018	4108086	-	5	69	TTG	TAA	0	0
mORF_-_4108052	4108052	4108102	-	6	51	TTG	TAA	0	0
mORF_-_4108099	4108099	4108347	-	5	249	GTG	TGA	0	0
mORF_-_4108151	4108151	4108177	-	6	27	TTG	TAA	0	0
mORF_-_4108161	4108161	4108193	-	4	33	TTG	TAA	0	0
mORF_-_4108203	4108203	4108241	-	4	39	TTG	TAA	0	0
mORF_-_4108238	4108238	4108570	-	6	333	ATG	TGA	1	2

pORF_-_4108238

mORF_-_4108375	4108375	4108434	-	5	60	ATG	TGA	0	0	
mORF_-_4108434	4108434	4108529	-	4	96	ATG	TGA	0	0	
mORF_-_4108530	4108530	4108634	-	4	105	GTG	TAA	0	0	
mORF_-_4108613	4108613	4108636	-	6	24	TTG	TGA	0	0	
mORF_-_4108664	4108664	4108687	-	6	24	ATG	TGA	0	0	
mORF_-_4108718	4108718	4108753	-	6	36	GTG	TAA	0	0	
mORF_-_4108763	4108763	4109530	-	6	768	ATG	TAA	77	2452	pORF_-_4108763
mORF_-_4108819	4108819	4108866	-	5	48	TTG	TGA	0	0	
mORF_-_4108915	4108915	4109067	-	5	153	GTG	TGA	0	0	
mORF_-_4108956	4108956	4109105	-	4	150	TTG	TGA	0	0	
mORF_-_4109077	4109077	4109148	-	5	72	GTG	TGA	0	0	
mORF_-_4109145	4109145	4109156	-	4	12	GTG	TGA	0	0	
mORF_-_4109281	4109281	4109304	-	5	24	GTG	TGA	0	0	
mORF_-_4109326	4109326	4109436	-	5	111	GTG	TGA	0	0	
mORF_-_4109532	4109532	4109543	-	4	12	GTG	TAA	0	0	
mORF_-_4109546	4109546	4109641	-	6	96	ATG	TAA	0	0	
mORF_-_4109611	4109611	4109622	-	5	12	TTG	TGA	0	0	
mORF_-_4109638	4109638	4110237	-	5	600	ATG	TGA	0	0	
mORF_-_4109646	4109646	4109690	-	4	45	TTG	TGA	0	0	
mORF_-_4109700	4109700	4109744	-	4	45	GTG	TGA	0	0	
mORF_-_4109940	4109940	4110041	-	4	102	GTG	TAA	0	0	
mORF_-_4110051	4110051	4110173	-	4	123	ATG	TGA	0	0	
mORF_-_4110077	4110077	4110226	-	6	150	GTG	TAA	0	0	
mORF_-_4110234	4110234	4110365	-	4	132	ATG	TGA	0	0	
mORF_-_4110253	4110253	4110321	-	5	69	TTG	TAA	0	0	
mORF_-_4110293	4110293	4110352	-	6	60	TTG	TGA	0	0	
mORF_-_4110334	4110334	4110426	-	5	93	ATG	TAA	0	0	
mORF_-_4110366	4110366	4110509	-	4	144	TTG	TAA	0	0	
mORF_-_4110458	4110458	4110538	-	6	81	ATG	TAG	0	0	
mORF_-_4110469	4110469	4110705	-	5	237	GTG	TGA	0	0	
mORF_-_4110525	4110525	4110566	-	4	42	ATG	TAA	0	0	
mORF_-_4110614	4110614	4110709	-	6	96	TTG	TAA	0	0	
mORF_-_4110678	4110678	4110770	-	4	93	TTG	TAA	0	0	
mORF_-_4110736	4110736	4110762	-	5	27	TTG	TGA	0	0	
mORF_-_4110775	4110775	4110828	-	5	54	GTG	TAA	0	0	
mORF_-_4110800	4110800	4110886	-	6	87	TTG	TAG	0	0	
mORF_-_4110819	4110819	4110842	-	4	24	TTG	TAA	0	0	
mORF_-_4110873	4110873	4110911	-	4	39	ATG	TAA	0	0	
mORF_-_4110883	4110883	4110903	-	5	21	ATG	TGA	0	0	
mORF_-_4110930	4110930	4111208	-	4	279	TTG	TAA	0	0	
mORF_-_4110947	4110947	4111126	-	6	180	TTG	TAA	0	0	
mORF_-_4111147	4111147	4111152	-	5	6	ATG	TAG	0	0	
mORF_-_4111181	4111181	4111231	-	6	51	GTG	TAG	0	0	
mORF_-_4111228	4111228	4111239	-	5	12	ATG	TGA	0	0	
mORF_-_4111255	4111255	4111272	-	5	18	GTG	TAA	0	0	
mORF_-_4111281	4111281	4111598	-	4	318	GTG	TAA	0	0	
mORF_-_4111300	4111300	4111317	-	5	18	ATG	TAA	0	0	
mORF_-_4111310	4111310	4111330	-	6	21	GTG	TAA	0	0	
mORF_-_4111321	4111321	4111332	-	5	12	ATG	TAA	0	0	
mORF_-_4111367	4111367	4111414	-	6	48	GTG	TAA	0	0	
mORF_-_4111421	4111421	4111429	-	6	9	ATG	TAA	0	0	
mORF_-_4111442	4111442	4111654	-	6	213	GTG	TAA	0	0	
mORF_-_4111492	4111492	4111521	-	5	30	TTG	TGA	0	0	
mORF_-_4111608	4111608	4111658	-	4	51	ATG	TAA	0	0	
mORF_-_4111651	4111651	4111863	-	5	213	GTG	TGA	0	0	
mORF_-_4111662	4111662	4111682	-	4	21	ATG	TGA	0	0	
mORF_-_4111749	4111749	4112495	-	4	747	ATG	TAA	11	27	pORF_-_4111749
mORF_-_4111868	4111868	4111873	-	6	6	ATG	TGA	0	0	
mORF_-_4111889	4111889	4111930	-	6	42	TTG	TGA	0	0	
mORF_-_4112048	4112048	4112062	-	6	15	ATG	TAA	0	0	
mORF_-_4112110	4112110	4112169	-	5	60	ATG	TAA	0	0	
mORF_-_4112114	4112114	4112239	-	6	126	ATG	TAG	0	0	
mORF_-_4112270	4112270	4112281	-	6	12	ATG	TAA	0	0	

mORF_-_4112330	4112330	4112380	-	6	51	TTG	TAA	0	0	
mORF_-_4112464	4112464	4112487	-	5	24	TTG	TAA	0	0	
mORF_-_4112480	4112480	4112578	-	6	99	TTG	TAA	0	0	
mORF_-_4112524	4112524	4112544	-	5	21	TTG	TAA	0	0	
mORF_-_4112575	4112575	4112586	-	5	12	TTG	TGA	0	0	
mORF_-_4112583	4112583	4112591	-	4	9	TTG	TGA	0	0	
mORF_-_4112592	4112592	4113731	-	4	1140	ATG	TGA	11	35	pORF_-_4112592
mORF_-_4112681	4112681	4112896	-	6	216	ATG	TGA	0	0	
mORF_-_4112918	4112918	4112929	-	6	12	ATG	TGA	0	0	
mORF_-_4112957	4112957	4113100	-	6	144	ATG	TAG	0	0	
mORF_-_4113164	4113164	4113169	-	6	6	ATG	TAG	0	0	
mORF_-_4113197	4113197	4113232	-	6	36	TTG	TGA	0	0	
mORF_-_4113233	4113233	4113262	-	6	30	ATG	TGA	0	0	
mORF_-_4113326	4113326	4113358	-	6	33	TTG	TGA	0	0	
mORF_-_4113362	4113362	4113457	-	6	96	TTG	TAG	0	0	
mORF_-_4113517	4113517	4113537	-	5	21	ATG	TAA	0	0	
mORF_-_4113530	4113530	4113589	-	6	60	TTG	TAG	0	0	
mORF_-_4113599	4113599	4113607	-	6	9	TTG	TGA	0	0	
mORF_-_4113611	4113611	4113643	-	6	33	GTG	TAG	0	0	
mORF_-_4113659	4113659	4113688	-	6	30	GTG	TAA	0	0	
mORF_-_4113698	4113698	4113724	-	6	27	ATG	TAG	0	0	
mORF_-_4113721	4113721	4113846	-	5	126	TTG	TGA	0	0	
mORF_-_4113732	4113732	4113758	-	4	27	GTG	TAA	0	0	
mORF_-_4113737	4113737	4115350	-	6	1614	TTG	TAA	111	2078	pORF_-_4113737
mORF_-_4113847	4113847	4113954	-	5	108	TTG	TGA	0	0	
mORF_-_4114003	4114003	4114092	-	5	90	TTG	TAG	0	0	
mORF_-_4114129	4114129	4114137	-	5	9	GTG	TGA	0	0	
mORF_-_4114141	4114141	4114224	-	5	84	ATG	TGA	0	0	
mORF_-_4114282	4114282	4114344	-	5	63	ATG	TGA	0	0	
mORF_-_4114287	4114287	4114481	-	4	195	GTG	TGA	0	0	
mORF_-_4114426	4114426	4114449	-	5	24	ATG	TGA	0	0	
mORF_-_4114474	4114474	4114557	-	5	84	TTG	TGA	0	0	
mORF_-_4114560	4114560	4114742	-	4	183	GTG	TAA	0	0	
mORF_-_4114702	4114702	4114713	-	5	12	GTG	TGA	0	0	
mORF_-_4114723	4114723	4114803	-	5	81	ATG	TGA	0	0	
mORF_-_4114767	4114767	4114817	-	4	51	GTG	TGA	0	0	
mORF_-_4114819	4114819	4114848	-	5	30	TTG	TGA	0	0	
mORF_-_4114882	4114882	4114893	-	5	12	GTG	TAG	0	0	
mORF_-_4114890	4114890	4114931	-	4	42	GTG	TGA	0	0	
mORF_-_4114897	4114897	4115022	-	5	126	TTG	TAA	0	0	
mORF_-_4114992	4114992	4115114	-	4	123	TTG	TGA	0	0	
mORF_-_4115107	4115107	4115172	-	5	66	ATG	TAG	0	0	
mORF_-_4115182	4115182	4115223	-	5	42	TTG	TAA	0	0	
mORF_-_4115263	4115263	4115334	-	5	72	TTG	TGA	0	0	
mORF_-_4115268	4115268	4116113	-	4	846	ATG	TAA	0	0	
mORF_-_4115351	4115351	4115374	-	6	24	GTG	TGA	0	0	
mORF_-_4115375	4115375	4115497	-	6	123	GTG	TAG	0	0	
mORF_-_4115507	4115507	4115515	-	6	9	TTG	TGA	0	0	
mORF_-_4115522	4115522	4115554	-	6	33	TTG	TGA	0	0	
mORF_-_4115555	4115555	4115566	-	6	12	TTG	TGA	0	0	
mORF_-_4115567	4115567	4115608	-	6	42	ATG	TGA	0	0	
mORF_-_4115651	4115651	4115752	-	6	102	TTG	TGA	0	0	
mORF_-_4115734	4115734	4115889	-	5	156	GTG	TGA	0	0	
mORF_-_4115804	4115804	4115896	-	6	93	TTG	TAG	0	0	
mORF_-_4115911	4115911	4116033	-	5	123	TTG	TAA	0	0	
mORF_-_4115939	4115939	4116007	-	6	69	GTG	TGA	0	0	
mORF_-_4116017	4116017	4116040	-	6	24	GTG	TAA	0	0	
mORF_-_4116050	4116050	4116079	-	6	30	TTG	TGA	0	0	
mORF_-_4116073	4116073	4116210	-	5	138	TTG	TGA	0	0	
mORF_-_4116131	4116131	4116184	-	6	54	ATG	TAA	0	0	
mORF_-_4116156	4116156	4116251	-	4	96	ATG	TGA	0	0	
mORF_-_4116248	4116248	4116301	-	6	54	ATG	TGA	0	0	
mORF_-_4116262	4116262	4116273	-	5	12	ATG	TAA	0	0	

mORF_-_4116274	4116274	4116294	-	5	21	ATG	TAA	0	0	
mORF_-_4116307	4116307	4116315	-	5	9	ATG	TAA	0	0	
mORF_-_4116312	4116312	4116338	-	4	27	ATG	TGA	0	0	
mORF_-_4116332	4116332	4116403	-	6	72	TTG	TAA	0	0	
mORF_-_4116355	4116355	4116441	-	5	87	TTG	TAA	0	0	
mORF_-_4116360	4116360	4116437	-	4	78	ATG	TGA	0	0	
mORF_-_4116472	4116472	4116483	-	5	12	GTG	TAA	0	0	
mORF_-_4116480	4116480	4116647	-	4	168	TTG	TGA	0	0	
mORF_-_4116505	4116505	4116525	-	5	21	TTG	TAA	0	0	
mORF_-_4116527	4116527	4116577	-	6	51	TTG	TGA	0	0	
mORF_-_4116602	4116602	4116652	-	6	51	GTG	TGA	0	0	
mORF_-_4116649	4116649	4116714	-	5	66	ATG	TGA	0	0	
mORF_-_4116681	4116681	4117055	-	4	375	ATG	TGA	0	0	
mORF_-_4116791	4116791	4116871	-	6	81	ATG	TGA	0	0	
mORF_-_4116811	4116811	4116849	-	5	39	GTG	TAA	0	0	
mORF_-_4116868	4116868	4117353	-	5	486	ATG	TGA	27	205	pORF_-_4116868
mORF_-_4117052	4117052	4117096	-	6	45	ATG	TGA	0	0	
mORF_-_4117056	4117056	4117190	-	4	135	ATG	TAG	0	0	
mORF_-_4117124	4117124	4117234	-	6	111	ATG	TGA	0	0	
mORF_-_4117245	4117245	4117328	-	4	84	GTG	TAA	0	0	
mORF_-_4117325	4117325	4117330	-	6	6	TTG	TGA	0	0	
mORF_-_4117350	4117350	4117364	-	4	15	ATG	TGA	0	0	
mORF_-_4117365	4117365	4117424	-	4	60	TTG	TGA	0	0	
mORF_-_4117384	4117384	4117458	-	5	75	GTG	TGA	0	0	
mORF_-_4117446	4117446	4118384	-	4	939	TTG	TAA	0	0	
mORF_-_4117475	4117475	4117483	-	6	9	TTG	TAG	0	0	
mORF_-_4117492	4117492	4117620	-	5	129	GTG	TAA	0	0	
mORF_-_4117562	4117562	4117567	-	6	6	ATG	TGA	0	0	
mORF_-_4117642	4117642	4117659	-	5	18	GTG	TAA	0	0	
mORF_-_4117673	4117673	4117687	-	6	15	ATG	TGA	0	0	
mORF_-_4117703	4117703	4117711	-	6	9	GTG	TGA	0	0	
mORF_-_4117712	4117712	4117765	-	6	54	GTG	TAG	0	0	
mORF_-_4117774	4117774	4117809	-	5	36	ATG	TAA	0	0	
mORF_-_4117838	4117838	4117876	-	6	39	GTG	TGA	0	0	
mORF_-_4117877	4117877	4117984	-	6	108	TTG	TGA	0	0	
mORF_-_4117909	4117909	4118022	-	5	114	ATG	TGA	0	0	
mORF_-_4117988	4117988	4118032	-	6	45	TTG	TGA	0	0	
mORF_-_4118087	4118087	4118137	-	6	51	TTG	TGA	0	0	
mORF_-_4118162	4118162	4118182	-	6	21	ATG	TAA	0	0	
mORF_-_4118191	4118191	4118268	-	5	78	ATG	TAA	0	0	
mORF_-_4118222	4118222	4118299	-	6	78	TTG	TAA	0	0	
mORF_-_4118317	4118317	4118340	-	5	24	GTG	TAA	0	0	
mORF_-_4118365	4118365	4118412	-	5	48	TTG	TGA	0	0	
mORF_-_4118369	4118369	4118416	-	6	48	TTG	TGA	0	0	
mORF_-_4118439	4118439	4119770	-	4	1332	ATG	TAA	99	1260	pORF_-_4118439
mORF_-_4118456	4118456	4118482	-	6	27	ATG	TGA	0	0	
mORF_-_4118495	4118495	4118512	-	6	18	TTG	TGA	0	0	
mORF_-_4118509	4118509	4118631	-	5	123	ATG	TGA	0	0	
mORF_-_4118564	4118564	4118599	-	6	36	GTG	TAA	0	0	
mORF_-_4118696	4118696	4118728	-	6	33	ATG	TGA	0	0	
mORF_-_4118765	4118765	4118782	-	6	18	TTG	TGA	0	0	
mORF_-_4118816	4118816	4118836	-	6	21	TTG	TGA	0	0	
mORF_-_4118872	4118872	4118910	-	5	39	TTG	TGA	0	0	
mORF_-_4118915	4118915	4119031	-	6	117	TTG	TAG	0	0	
mORF_-_4119068	4119068	4119094	-	6	27	TTG	TGA	0	0	
mORF_-_4119185	4119185	4119280	-	6	96	GTG	TGA	0	0	
mORF_-_4119446	4119446	4119457	-	6	12	ATG	TGA	0	0	
mORF_-_4119461	4119461	4119592	-	6	132	GTG	TGA	0	0	
mORF_-_4119626	4119626	4119685	-	6	60	TTG	TGA	0	0	
mORF_-_4119763	4119763	4119834	-	5	72	TTG	TGA	0	0	
mORF_-_4119780	4119780	4120310	-	4	531	GTG	TAA	15	460	pORF_-_4119780
mORF_-_4119794	4119794	4119874	-	6	81	GTG	TAA	0	0	
mORF_-_4119896	4119896	4120171	-	6	276	TTG	TAG	0	0	

mORF_-_4120229	4120229	4120276	-	6	48	ATG	TAA	0	0	
mORF_-_4120282	4120282	4120368	-	5	87	ATG	TAA	0	0	
mORF_-_4120307	4120307	4120375	-	6	69	TTG	TGA	0	0	
mORF_-_4120326	4120326	4120406	-	4	81	TTG	TAA	0	0	
mORF_-_4120403	4120403	4121362	-	6	960	GTG	TGA	16	260	pORF_-_4120403
mORF_-_4120489	4120489	4120677	-	5	189	TTG	TGA	0	0	
mORF_-_4120542	4120542	4120610	-	4	69	GTG	TGA	0	0	
mORF_-_4120876	4120876	4120998	-	5	123	TTG	TAG	0	0	
mORF_-_4120935	4120935	4120943	-	4	9	GTG	TGA	0	0	
mORF_-_4121038	4121038	4121073	-	5	36	GTG	TGA	0	0	
mORF_-_4121152	4121152	4121217	-	5	66	GTG	TGA	0	0	
mORF_-_4121227	4121227	4121346	-	5	120	ATG	TGA	0	0	
mORF_-_4121390	4121390	4121401	-	6	12	ATG	TGA	0	0	
mORF_-_4121407	4121407	4121433	-	5	27	GTG	TAA	0	0	
mORF_-_4121454	4121454	4122485	-	4	1032	GTG	TAA	1	2	pORF_-_4121454
mORF_-_4121501	4121501	4121545	-	6	45	TTG	TAA	0	0	
mORF_-_4121600	4121600	4121614	-	6	15	GTG	TGA	0	0	
mORF_-_4121611	4121611	4121616	-	5	6	TTG	TGA	0	0	
mORF_-_4121624	4121624	4121641	-	6	18	TTG	TGA	0	0	
mORF_-_4121714	4121714	4121863	-	6	150	ATG	TGA	0	0	
mORF_-_4121827	4121827	4121886	-	5	60	GTG	TGA	0	0	
mORF_-_4121909	4121909	4121941	-	6	33	ATG	TAG	0	0	
mORF_-_4121951	4121951	4121962	-	6	12	TTG	TAA	0	0	
mORF_-_4121972	4121972	4122016	-	6	45	TTG	TGA	0	0	
mORF_-_4122029	4122029	4122109	-	6	81	TTG	TGA	0	0	
mORF_-_4122125	4122125	4122175	-	6	51	TTG	TGA	0	0	
mORF_-_4122176	4122176	4122262	-	6	87	TTG	TGA	0	0	
mORF_-_4122263	4122263	4122349	-	6	87	TTG	TGA	0	0	
mORF_-_4122376	4122376	4122519	-	5	144	ATG	TAA	0	0	
mORF_-_4122389	4122389	4122436	-	6	48	TTG	TAA	0	0	
mORF_-_4122476	4122476	4122481	-	6	6	GTG	TGA	0	0	
mORF_-_4122482	4122482	4122499	-	6	18	GTG	TGA	0	0	
mORF_-_4122510	4122510	4122515	-	4	6	ATG	TAG	0	0	
mORF_-_4122522	4122522	4122530	-	4	9	GTG	TAA	0	0	
mORF_-_4122527	4122527	4122541	-	6	15	ATG	TGA	0	0	
mORF_-_4122568	4122568	4122657	-	5	90	ATG	TAA	0	0	
mORF_-_4122635	4122635	4124905	-	6	2271	ATG	TAA	3	6	pORF_-_4122635
mORF_-_4122651	4122651	4122668	-	4	18	ATG	TGA	0	0	
mORF_-_4122670	4122670	4122786	-	5	117	GTG	TGA	0	0	
mORF_-_4122789	4122789	4122824	-	4	36	GTG	TAA	0	0	
mORF_-_4122856	4122856	4122921	-	5	66	TTG	TGA	0	0	
mORF_-_4122900	4122900	4122938	-	4	39	GTG	TAA	0	0	
mORF_-_4122922	4122922	4122927	-	5	6	ATG	TGA	0	0	
mORF_-_4122952	4122952	4123173	-	5	222	TTG	TGA	0	0	
mORF_-_4123180	4123180	4123224	-	5	45	TTG	TGA	0	0	
mORF_-_4123225	4123225	4123551	-	5	327	GTG	TGA	0	0	
mORF_-_4123350	4123350	4123409	-	4	60	GTG	TGA	0	0	
mORF_-_4123434	4123434	4123529	-	4	96	GTG	TGA	0	0	
mORF_-_4123581	4123581	4123742	-	4	162	ATG	TGA	0	0	
mORF_-_4123651	4123651	4123686	-	5	36	ATG	TAA	0	0	
mORF_-_4123702	4123702	4123884	-	5	183	TTG	TGA	0	0	
mORF_-_4123933	4123933	4123953	-	5	21	ATG	TGA	0	0	
mORF_-_4123947	4123947	4123970	-	4	24	GTG	TGA	0	0	
mORF_-_4123993	4123993	4124037	-	5	45	GTG	TGA	0	0	
mORF_-_4124083	4124083	4124214	-	5	132	TTG	TGA	0	0	
mORF_-_4124236	4124236	4124301	-	5	66	GTG	TGA	0	0	
mORF_-_4124305	4124305	4124352	-	5	48	ATG	TAG	0	0	
mORF_-_4124310	4124310	4124315	-	4	6	GTG	TGA	0	0	
mORF_-_4124446	4124446	4124628	-	5	183	GTG	TGA	0	0	
mORF_-_4124469	4124469	4124588	-	4	120	ATG	TGA	0	0	
mORF_-_4124653	4124653	4124727	-	5	75	TTG	TAA	0	0	
mORF_-_4124685	4124685	4124747	-	4	63	GTG	TAG	0	0	
mORF_-_4124761	4124761	4124841	-	5	81	ATG	TGA	0	0	

mORF_-_4124838	4124838	4124873	-	4	36	GTG	TGA	0	0	
mORF_-_4124962	4124962	4124976	-	5	15	ATG	TAG	0	0	
mORF_-_4124993	4124993	4125037	-	6	45	ATG	TAA	0	0	
mORF_-_4125018	4125018	4125158	-	4	141	GTG	TAA	0	0	
mORF_-_4125050	4125050	4125115	-	6	66	GTG	TGA	0	0	
mORF_-_4125122	4125122	4125397	-	6	276	TTG	TGA	0	0	
mORF_-_4125226	4125226	4125330	-	5	105	ATG	TGA	0	0	
mORF_-_4125309	4125309	4125917	-	4	609	ATG	TAA	0	0	
mORF_-_4125394	4125394	4125558	-	5	165	ATG	TGA	0	0	
mORF_-_4125467	4125467	4125631	-	6	165	GTG	TGA	0	0	
mORF_-_4125632	4125632	4125679	-	6	48	ATG	TGA	0	0	
mORF_-_4125673	4125673	4125690	-	5	18	GTG	TGA	0	0	
mORF_-_4125710	4125710	4125730	-	6	21	TTG	TGA	0	0	
mORF_-_4125755	4125755	4125868	-	6	114	TTG	TGA	0	0	
mORF_-_4125808	4125808	4126026	-	5	219	TTG	TAA	0	0	
mORF_-_4125920	4125920	4125958	-	6	39	TTG	TAA	0	0	
mORF_-_4125971	4125971	4126228	-	6	258	ATG	TAA	0	0	
mORF_-_4126005	4126005	4126010	-	4	6	TTG	TAG	0	0	
mORF_-_4126023	4126023	4126079	-	4	57	GTG	TGA	0	0	
mORF_-_4126066	4126066	4126113	-	5	48	GTG	TGA	0	0	
mORF_-_4126101	4126101	4126556	-	4	456	ATG	TAA	22	198	pORF_-_4126101
mORF_-_4126198	4126198	4126245	-	5	48	GTG	TGA	0	0	
mORF_-_4126280	4126280	4126303	-	6	24	ATG	TGA	0	0	
mORF_-_4126316	4126316	4126363	-	6	48	GTG	TAA	0	0	
mORF_-_4126378	4126378	4126410	-	5	33	ATG	TGA	0	0	
mORF_-_4126426	4126426	4126461	-	5	36	GTG	TAA	0	0	
mORF_-_4126439	4126439	4126495	-	6	57	ATG	TGA	0	0	
mORF_-_4126499	4126499	4126663	-	6	165	ATG	TAA	0	0	
mORF_-_4126513	4126513	4126536	-	5	24	GTG	TAA	0	0	
mORF_-_4126585	4126585	4126599	-	5	15	TTG	TGA	0	0	
mORF_-_4126633	4126633	4126641	-	5	9	TTG	TAA	0	0	
mORF_-_4126645	4126645	4126770	-	5	126	GTG	TAA	0	0	
mORF_-_4126665	4126665	4126694	-	4	30	GTG	TGA	0	0	
mORF_-_4126691	4126691	4126789	-	6	99	GTG	TGA	0	0	
mORF_-_4126734	4126734	4127066	-	4	333	TTG	TAA	0	0	
mORF_-_4126807	4126807	4126851	-	5	45	TTG	TAA	0	0	
mORF_-_4126829	4126829	4126846	-	6	18	TTG	TAA	0	0	
mORF_-_4126865	4126865	4126924	-	6	60	ATG	TGA	0	0	
mORF_-_4126912	4126912	4127280	-	5	369	ATG	TAG	0	0	
mORF_-_4127063	4127063	4127284	-	6	222	GTG	TGA	0	0	
mORF_-_4127145	4127145	4127177	-	4	33	ATG	TAA	0	0	
mORF_-_4127235	4127235	4127240	-	4	6	TTG	TAA	0	0	
mORF_-_4127253	4127253	4127276	-	4	24	ATG	TAA	0	0	
mORF_-_4127277	4127277	4127303	-	4	27	GTG	TGA	0	0	
mORF_-_4127300	4127300	4127377	-	6	78	TTG	TGA	0	0	
mORF_-_4127350	4127350	4127589	-	5	240	TTG	TGA	0	0	
mORF_-_4127408	4127408	4127467	-	6	60	TTG	TAG	0	0	
mORF_-_4127418	4127418	4127573	-	4	156	TTG	TAG	0	0	
mORF_-_4127656	4127656	4127844	-	5	189	TTG	TAA	0	0	
mORF_-_4127691	4127691	4127720	-	4	30	ATG	TAA	0	0	
mORF_-_4127699	4127699	4127902	-	6	204	ATG	TGA	0	0	
mORF_-_4127938	4127938	4127958	-	5	21	ATG	TAA	0	0	
mORF_-_4127974	4127974	4128018	-	5	45	GTG	TGA	0	0	
mORF_-_4128044	4128044	4128085	-	6	42	TTG	TAG	0	0	
mORF_-_4128100	4128100	4128153	-	5	54	ATG	TGA	0	0	
mORF_-_4128125	4128125	4128289	-	6	165	TTG	TAG	0	0	
mORF_-_4128207	4128207	4128260	-	4	54	GTG	TAA	0	0	
mORF_-_4128279	4128279	4128347	-	4	69	GTG	TAA	0	0	
mORF_-_4128326	4128326	4128664	-	6	339	GTG	TAA	0	0	
mORF_-_4128373	4128373	4128450	-	5	78	TTG	TAA	0	0	
mORF_-_4128438	4128438	4128503	-	4	66	GTG	TGA	0	0	
mORF_-_4128490	4128490	4128540	-	5	51	ATG	TAG	0	0	
mORF_-_4128674	4128674	4128940	-	6	267	TTG	TAA	0	0	

mORF_-_4128721	4128721	4128726	-	5	6	GTG	TAG	0	0
mORF_-_4128733	4128733	4128792	-	5	60	GTG	TGA	0	0
mORF_-_4128838	4128838	4128849	-	5	12	TTG	TGA	0	0
mORF_-_4128946	4128946	4128951	-	5	6	GTG	TAG	0	0
mORF_-_4128998	4128998	4129204	-	6	207	ATG	TAA	0	0
mORF_-_4129021	4129021	4129170	-	5	150	GTG	TGA	0	0
mORF_-_4129146	4129146	4129316	-	4	171	GTG	TGA	0	0
mORF_-_4129204	4129204	4129305	-	5	102	GTG	TGA	0	0
mORF_-_4129375	4129375	4129416	-	5	42	TTG	TAG	0	0
mORF_-_4129403	4129403	4129471	-	6	69	ATG	TAA	0	0
mORF_-_4129484	4129484	4129777	-	6	294	TTG	TAA	0	0
mORF_-_4129525	4129525	4129599	-	5	75	TTG	TGA	0	0
mORF_-_4129642	4129642	4129755	-	5	114	GTG	TGA	0	0
mORF_-_4129797	4129797	4130147	-	4	351	GTG	TAA	0	0
mORF_-_4129813	4129813	4129884	-	5	72	TTG	TGA	0	0
mORF_-_4129832	4129832	4130134	-	6	303	ATG	TAA	0	0
mORF_-_4129912	4129912	4129920	-	5	9	ATG	TAA	0	0
mORF_-_4129960	4129960	4129980	-	5	21	ATG	TGA	0	0
mORF_-_4130068	4130068	4130091	-	5	24	TTG	TAG	0	0
mORF_-_4130131	4130131	4130241	-	5	111	GTG	TGA	0	0
mORF_-_4130254	4130254	4130268	-	5	15	TTG	TGA	0	0
mORF_-_4130265	4130265	4130279	-	4	15	GTG	TGA	0	0
mORF_-_4130301	4130301	4130321	-	4	21	ATG	TAA	0	0
mORF_-_4130318	4130318	4130365	-	6	48	ATG	TGA	0	0
mORF_-_4130380	4130380	4130481	-	5	102	ATG	TAA	0	0
mORF_-_4130388	4130388	4130405	-	4	18	TTG	TAA	0	0
mORF_-_4130429	4130429	4130977	-	6	549	ATG	TAA	0	0
mORF_-_4130494	4130494	4130523	-	5	30	ATG	TGA	0	0
mORF_-_4130566	4130566	4130604	-	5	39	GTG	TAA	0	0
mORF_-_4130580	4130580	4130609	-	4	30	ATG	TAG	0	0
mORF_-_4130614	4130614	4130619	-	5	6	TTG	TAG	0	0
mORF_-_4130677	4130677	4130772	-	5	96	ATG	TGA	0	0
mORF_-_4130815	4130815	4130943	-	5	129	ATG	TAG	0	0
mORF_-_4130868	4130868	4130897	-	4	30	GTG	TAA	0	0
mORF_-_4130904	4130904	4131116	-	4	213	TTG	TAA	0	0
mORF_-_4131053	4131053	4131349	-	6	297	TTG	TAA	0	0
mORF_-_4131124	4131124	4131171	-	5	48	TTG	TGA	0	0
mORF_-_4131208	4131208	4131411	-	5	204	ATG	TAG	0	0
mORF_-_4131428	4131428	4131502	-	6	75	ATG	TAA	0	0
mORF_-_4131468	4131468	4131644	-	4	177	ATG	TAA	0	0
mORF_-_4131551	4131551	4131583	-	6	33	GTG	TGA	0	0
mORF_-_4131562	4131562	4131567	-	5	6	TTG	TGA	0	0
mORF_-_4131571	4131571	4131585	-	5	15	TTG	TAA	0	0
mORF_-_4131663	4131663	4131710	-	4	48	TTG	TAG	0	0
mORF_-_4131707	4131707	4131730	-	6	24	TTG	TGA	0	0
mORF_-_4131737	4131737	4131772	-	6	36	TTG	TAG	0	0
mORF_-_4131773	4131773	4131781	-	6	9	ATG	TAG	0	0
mORF_-_4131789	4131789	4131797	-	4	9	TTG	TAA	0	0
mORF_-_4131794	4131794	4131901	-	6	108	TTG	TGA	0	0
mORF_-_4131811	4131811	4131972	-	5	162	TTG	TAG	0	0
mORF_-_4131867	4131867	4131977	-	4	111	TTG	TGA	0	0
mORF_-_4131923	4131923	4131955	-	6	33	GTG	TGA	0	0
mORF_-_4131993	4131993	4132004	-	4	12	ATG	TAA	0	0
mORF_-_4132015	4132015	4132023	-	5	9	GTG	TAG	0	0
mORF_-_4132040	4132040	4132060	-	6	21	TTG	TAG	0	0
mORF_-_4132062	4132062	4132175	-	4	114	GTG	TAA	0	0
mORF_-_4132156	4132156	4132302	-	5	147	TTG	TAA	0	0
mORF_-_4132194	4132194	4132232	-	4	39	TTG	TGA	0	0
mORF_-_4132226	4132226	4132306	-	6	81	TTG	TGA	0	0
mORF_-_4132368	4132368	4132676	-	4	309	GTG	TAG	0	0
mORF_-_4132441	4132441	4132515	-	5	75	TTG	TAA	0	0
mORF_-_4132556	4132556	4132618	-	5	63	ATG	TGA	0	0
mORF_-_4132588	4132588	4132722	-	5	135	GTG	TAG	0	0

mORF_-_4132655	4132655	4132756	-	6	102	GTG	TGA	0	0	
mORF_-_4132692	4132692	4132736	-	4	45	TTG	TGA	0	0	
mORF_-_4132740	4132740	4133162	-	4	423	TTG	TAA	0	0	
mORF_-_4132757	4132757	4132837	-	6	81	TTG	TAA	0	0	
mORF_-_4132838	4132838	4133086	-	6	249	TTG	TAG	1	6	pORF_-_4132838
mORF_-_4132858	4132858	4132923	-	5	66	GTG	TGA	0	0	
mORF_-_4132930	4132930	4132974	-	5	45	TTG	TAA	0	0	
mORF_-_4133120	4133120	4133125	-	6	6	ATG	TAG	0	0	
mORF_-_4133183	4133183	4133500	-	6	318	ATG	TAG	0	0	
mORF_-_4133248	4133248	4133277	-	5	30	ATG	TAA	0	0	
mORF_-_4133284	4133284	4133337	-	5	54	ATG	TAG	0	0	
mORF_-_4133337	4133337	4133504	-	4	168	ATG	TAA	0	0	
mORF_-_4133440	4133440	4133655	-	5	216	GTG	TGA	0	0	
mORF_-_4133543	4133543	4133554	-	6	12	ATG	TGA	0	0	
mORF_-_4133600	4133600	4133776	-	6	177	TTG	TAG	0	0	
mORF_-_4133634	4133634	4133966	-	4	333	GTG	TGA	0	0	
mORF_-_4133977	4133977	4133997	-	5	21	ATG	TAA	0	0	
mORF_-_4134085	4134085	4134186	-	5	102	GTG	TAA	0	0	
mORF_-_4134113	4134113	4134223	-	6	111	TTG	TAG	0	0	
mORF_-_4134129	4134129	4134164	-	4	36	TTG	TGA	0	0	
mORF_-_4134183	4134183	4134188	-	4	6	GTG	TGA	0	0	
mORF_-_4134199	4134199	4134228	-	5	30	GTG	TAA	0	0	
mORF_-_4134232	4134232	4134354	-	5	123	ATG	TAA	0	0	
mORF_-_4134291	4134291	4134332	-	4	42	GTG	TGA	0	0	
mORF_-_4134362	4134362	4134508	-	6	147	TTG	TAA	0	0	
mORF_-_4134405	4134405	4134602	-	4	198	TTG	TGA	0	0	
mORF_-_4134439	4134439	4134594	-	5	156	ATG	TAG	0	0	
mORF_-_4134539	4134539	4134664	-	6	126	ATG	TAA	0	0	
mORF_-_4134642	4134642	4134983	-	4	342	GTG	TAG	0	0	
mORF_-_4134661	4134661	4134774	-	5	114	GTG	TGA	0	0	
mORF_-_4134737	4134737	4134751	-	6	15	TTG	TAA	0	0	
mORF_-_4134793	4134793	4134882	-	5	90	GTG	TAG	0	0	
mORF_-_4135017	4135017	4135139	-	4	123	TTG	TGA	0	0	
mORF_-_4135063	4135063	4135680	-	5	618	ATG	TAA	2	5	pORF_-_4135063
mORF_-_4135149	4135149	4135286	-	4	138	ATG	TGA	0	0	
mORF_-_4135310	4135310	4135360	-	6	51	ATG	TAA	0	0	
mORF_-_4135350	4135350	4135379	-	4	30	TTG	TAA	0	0	
mORF_-_4135373	4135373	4135462	-	6	90	ATG	TGA	0	0	
mORF_-_4135446	4135446	4135571	-	4	126	TTG	TGA	0	0	
mORF_-_4135484	4135484	4135708	-	6	225	GTG	TGA	0	0	
mORF_-_4135677	4135677	4135781	-	4	105	TTG	TGA	0	0	
mORF_-_4135792	4135792	4135935	-	5	144	TTG	TGA	0	0	
mORF_-_4135842	4135842	4135853	-	4	12	GTG	TAG	0	0	
mORF_-_4135860	4135860	4135904	-	4	45	ATG	TGA	0	0	
mORF_-_4135920	4135920	4135964	-	4	45	GTG	TGA	0	0	
mORF_-_4135955	4135955	4137097	-	6	1143	ATG	TAA	9	59	pORF_-_4135955
mORF_-_4135996	4135996	4136109	-	5	114	ATG	TAG	0	0	
mORF_-_4136058	4136058	4136072	-	4	15	ATG	TGA	0	0	
mORF_-_4136149	4136149	4136157	-	5	9	ATG	TAG	0	0	
mORF_-_4136170	4136170	4136199	-	5	30	ATG	TAG	0	0	
mORF_-_4136218	4136218	4136244	-	5	27	GTG	TGA	0	0	
mORF_-_4136278	4136278	4136334	-	5	57	GTG	TGA	0	0	
mORF_-_4136338	4136338	4136358	-	5	21	TTG	TGA	0	0	
mORF_-_4136355	4136355	4136444	-	4	90	GTG	TGA	0	0	
mORF_-_4136383	4136383	4136547	-	5	165	ATG	TAG	0	0	
mORF_-_4136448	4136448	4136477	-	4	30	GTG	TGA	0	0	
mORF_-_4136563	4136563	4136697	-	5	135	ATG	TAG	0	0	
mORF_-_4136658	4136658	4136807	-	4	150	GTG	TGA	0	0	
mORF_-_4136725	4136725	4136877	-	5	153	TTG	TAG	0	0	
mORF_-_4136844	4136844	4136858	-	4	15	ATG	TGA	0	0	
mORF_-_4136884	4136884	4136931	-	5	48	TTG	TAG	0	0	
mORF_-_4136935	4136935	4136952	-	5	18	GTG	TAG	0	0	
mORF_-_4137007	4137007	4137012	-	5	6	ATG	TGA	0	0	

mORF_-_4137069	4137069	4137731	-	4	663	ATG	TAA	4	11	pORF_-_4137069
mORF_-_4137161	4137161	4137166	-	6	6	ATG	TAG	0	0	
mORF_-_4137167	4137167	4137190	-	6	24	GTG	TAG	0	0	
mORF_-_4137187	4137187	4137192	-	5	6	ATG	TGA	0	0	
mORF_-_4137272	4137272	4137325	-	6	54	ATG	TAG	0	0	
mORF_-_4137326	4137326	4137349	-	6	24	TTG	TAG	0	0	
mORF_-_4137374	4137374	4137412	-	6	39	TTG	TAG	0	0	
mORF_-_4137479	4137479	4137487	-	6	9	TTG	TGA	0	0	
mORF_-_4137548	4137548	4137583	-	6	36	TTG	TGA	0	0	
mORF_-_4137577	4137577	4137615	-	5	39	ATG	TGA	0	0	
mORF_-_4137656	4137656	4137667	-	6	12	TTG	TGA	0	0	
mORF_-_4137706	4137706	4137759	-	5	54	ATG	TAA	0	0	
mORF_-_4137743	4137743	4140244	-	6	2502	ATG	TAA	4	2	pORF_-_4137743
mORF_-_4137895	4137895	4138008	-	5	114	TTG	TAA	0	0	
mORF_-_4138011	4138011	4138052	-	4	42	GTG	TAG	0	0	
mORF_-_4138104	4138104	4138277	-	4	174	GTG	TAA	0	0	
mORF_-_4138225	4138225	4138290	-	5	66	TTG	TAG	0	0	
mORF_-_4138333	4138333	4138347	-	5	15	ATG	TGA	0	0	
mORF_-_4138354	4138354	4138413	-	5	60	TTG	TAG	0	0	
mORF_-_4138398	4138398	4138418	-	4	21	ATG	TGA	0	0	
mORF_-_4138540	4138540	4138572	-	5	33	TTG	TGA	0	0	
mORF_-_4138569	4138569	4138586	-	4	18	ATG	TGA	0	0	
mORF_-_4138603	4138603	4138650	-	5	48	TTG	TGA	0	0	
mORF_-_4138665	4138665	4138709	-	4	45	ATG	TAA	0	0	
mORF_-_4138750	4138750	4138821	-	5	72	ATG	TGA	0	0	
mORF_-_4138873	4138873	4139103	-	5	231	TTG	TGA	0	0	
mORF_-_4138881	4138881	4138958	-	4	78	TTG	TGA	0	0	
mORF_-_4139137	4139137	4139160	-	5	24	GTG	TGA	0	0	
mORF_-_4139203	4139203	4139331	-	5	129	TTG	TAG	0	0	
mORF_-_4139220	4139220	4139273	-	4	54	GTG	TGA	0	0	
mORF_-_4139419	4139419	4139427	-	5	9	ATG	TGA	0	0	
mORF_-_4139427	4139427	4139438	-	4	12	TTG	TGA	0	0	
mORF_-_4139452	4139452	4139601	-	5	150	TTG	TGA	0	0	
mORF_-_4139481	4139481	4139579	-	4	99	TTG	TGA	0	0	
mORF_-_4139617	4139617	4139736	-	5	120	TTG	TAA	0	0	
mORF_-_4139755	4139755	4139823	-	5	69	ATG	TGA	0	0	
mORF_-_4139848	4139848	4139865	-	5	18	GTG	TGA	0	0	
mORF_-_4139865	4139865	4139876	-	4	12	GTG	TAG	0	0	
mORF_-_4139914	4139914	4139988	-	5	75	ATG	TGA	0	0	
mORF_-_4139985	4139985	4139999	-	4	15	ATG	TGA	0	0	
mORF_-_4140043	4140043	4140084	-	5	42	TTG	TGA	0	0	
mORF_-_4140085	4140085	4140234	-	5	150	TTG	TGA	0	0	
mORF_-_4140132	4140132	4140140	-	4	9	GTG	TAA	0	0	
mORF_-_4140162	4140162	4140167	-	4	6	GTG	TAA	0	0	
mORF_-_4140216	4140216	4140290	-	4	75	GTG	TGA	0	0	
mORF_-_4140235	4140235	4140351	-	5	117	TTG	TGA	0	0	
mORF_-_4140272	4140272	4140322	-	6	51	TTG	TAA	0	0	
mORF_-_4140348	4140348	4140368	-	4	21	GTG	TGA	0	0	
mORF_-_4140365	4140365	4140388	-	6	24	ATG	TGA	0	0	
mORF_-_4140398	4140398	4140472	-	6	75	GTG	TAA	0	0	
mORF_-_4140408	4140408	4140425	-	4	18	ATG	TAA	0	0	
mORF_-_4140439	4140439	4140594	-	5	156	ATG	TAA	0	0	
mORF_-_4140551	4140551	4140613	-	6	63	GTG	TAA	0	0	
mORF_-_4140588	4140588	4140779	-	4	192	ATG	TGA	0	0	
mORF_-_4140610	4140610	4140930	-	5	321	ATG	TGA	1	4	pORF_-_4140610
mORF_-_4140662	4140662	4140709	-	6	48	TTG	TGA	0	0	
mORF_-_4140783	4140783	4140896	-	4	114	ATG	TAA	0	0	
mORF_-_4140821	4140821	4140871	-	6	51	GTG	TAG	0	0	
mORF_-_4140906	4140906	4141040	-	4	135	TTG	TAA	0	0	
mORF_-_4140968	4140968	4140982	-	6	15	GTG	TAG	0	0	
mORF_-_4141059	4141059	4141145	-	4	87	TTG	TGA	0	0	
mORF_-_4141152	4141152	4141163	-	4	12	ATG	TAG	0	0	
mORF_-_4141160	4141160	4141309	-	6	150	GTG	TGA	0	0	

mORF_-_4141188	4141188	4141391	-	4	204	ATG	TAA	0	0	
mORF_-_4141443	4141443	4141490	-	4	48	TTG	TAG	0	0	
mORF_-_4141625	4141625	4141648	-	6	24	ATG	TAA	0	0	
mORF_-_4141657	4141657	4141773	-	5	117	TTG	TAA	0	0	
mORF_-_4141680	4141680	4141694	-	4	15	ATG	TGA	0	0	
mORF_-_4141697	4141697	4141936	-	6	240	TTG	TAG	0	0	
mORF_-_4141770	4141770	4142006	-	4	237	GTG	TGA	0	0	
mORF_-_4141927	4141927	4142061	-	5	135	TTG	TAA	0	0	
mORF_-_4141964	4141964	4142578	-	6	615	GTG	TAA	0	0	
mORF_-_4142040	4142040	4142156	-	4	117	TTG	TGA	0	0	
mORF_-_4142095	4142095	4142223	-	5	129	GTG	TAA	0	0	
mORF_-_4142347	4142347	4142487	-	5	141	ATG	TAG	0	0	
mORF_-_4142490	4142490	4142663	-	4	174	TTG	TAA	0	0	
mORF_-_4142584	4142584	4142625	-	5	42	ATG	TGA	0	0	
mORF_-_4142597	4142597	4142734	-	6	138	ATG	TAA	0	0	
mORF_-_4142632	4142632	4142805	-	5	174	TTG	TAA	0	0	
mORF_-_4142765	4142765	4142794	-	6	30	TTG	TAA	0	0	
mORF_-_4142784	4142784	4143002	-	4	219	GTG	TGA	0	0	
mORF_-_4142857	4142857	4142955	-	5	99	GTG	TGA	0	0	
mORF_-_4143014	4143014	4143085	-	6	72	TTG	TAA	0	0	
mORF_-_4143073	4143073	4143225	-	5	153	TTG	TGA	0	0	
mORF_-_4143086	4143086	4143187	-	6	102	TTG	TAA	0	0	
mORF_-_4143281	4143281	4143361	-	6	81	ATG	TAA	0	0	
mORF_-_4143301	4143301	4143375	-	5	75	TTG	TAG	0	0	
mORF_-_4143388	4143388	4143420	-	5	33	TTG	TAA	0	0	
mORF_-_4143398	4143398	4143478	-	6	81	ATG	TAA	0	0	
mORF_-_4143430	4143430	4143459	-	5	30	TTG	TAG	0	0	
mORF_-_4143435	4143435	4143509	-	4	75	ATG	TGA	0	0	
mORF_-_4143506	4143506	4143649	-	6	144	TTG	TGA	0	0	
mORF_-_4143546	4143546	4143701	-	4	156	TTG	TAA	1	3	pORF_-_4143546
mORF_-_4143565	4143565	4143783	-	5	219	ATG	TAA	0	0	
mORF_-_4143731	4143731	4143883	-	6	153	GTG	TAA	0	0	
mORF_-_4143805	4143805	4143813	-	5	9	TTG	TAG	0	0	
mORF_-_4143847	4143847	4143855	-	5	9	GTG	TAG	0	0	
mORF_-_4143852	4143852	4143992	-	4	141	TTG	TGA	0	0	
mORF_-_4143880	4143880	4144104	-	5	225	TTG	TGA	0	0	
mORF_-_4143959	4143959	4143985	-	6	27	TTG	TGA	0	0	
mORF_-_4144142	4144142	4144360	-	6	219	ATG	TAA	0	0	
mORF_-_4144153	4144153	4144179	-	5	27	GTG	TGA	0	0	
mORF_-_4144158	4144158	4144205	-	4	48	GTG	TAA	0	0	
mORF_-_4144210	4144210	4144290	-	5	81	ATG	TAA	0	0	
mORF_-_4144354	4144354	4144374	-	5	21	GTG	TGA	0	0	
mORF_-_4144367	4144367	4144762	-	6	396	TTG	TAA	0	0	
mORF_-_4144371	4144371	4144505	-	4	135	GTG	TGA	0	0	
mORF_-_4144684	4144684	4144752	-	5	69	GTG	TAG	0	0	
mORF_-_4144813	4144813	4144860	-	5	48	GTG	TAA	0	0	
mORF_-_4144826	4144826	4144939	-	6	114	GTG	TGA	0	0	
mORF_-_4144917	4144917	4145006	-	4	90	ATG	TAA	0	0	
mORF_-_4144993	4144993	4145106	-	5	114	TTG	TGA	0	0	
mORF_-_4145010	4145010	4145021	-	4	12	ATG	TAA	0	0	
mORF_-_4145143	4145143	4145208	-	5	66	ATG	TAA	0	0	
mORF_-_4145156	4145156	4145167	-	6	12	ATG	TAA	0	0	
mORF_-_4145211	4145211	4145270	-	4	60	ATG	TAA	0	0	
mORF_-_4145305	4145305	4145487	-	5	183	ATG	TAA	0	0	
mORF_-_4145348	4145348	4145419	-	6	72	ATG	TAA	0	0	
mORF_-_4145394	4145394	4145411	-	4	18	ATG	TAG	0	0	
mORF_-_4145412	4145412	4145459	-	4	48	TTG	TAG	0	0	
mORF_-_4145489	4145489	4146340	-	6	852	ATG	TAA	0	0	
mORF_-_4145515	4145515	4145604	-	5	90	TTG	TGA	0	0	
mORF_-_4145635	4145635	4145643	-	5	9	ATG	TGA	0	0	
mORF_-_4145686	4145686	4145952	-	5	267	ATG	TGA	0	0	
mORF_-_4145949	4145949	4146041	-	4	93	ATG	TGA	0	0	
mORF_-_4145977	4145977	4146150	-	5	174	ATG	TAG	0	0	

mORF_-_4146084	4146084	4146110	-	4	27	ATG	TAG	0	0	
mORF_-_4146160	4146160	4146270	-	5	111	TTG	TAG	0	0	
mORF_-_4146304	4146304	4146399	-	5	96	GTG	TGA	0	0	
mORF_-_4146342	4146342	4146437	-	4	96	ATG	TAA	0	0	
mORF_-_4146386	4146386	4146580	-	6	195	ATG	TAA	0	0	
mORF_-_4146483	4146483	4146536	-	4	54	TTG	TAG	0	0	
mORF_-_4146555	4146555	4148288	-	4	1734	ATG	TAA	17	66	pORF_-_4146555
mORF_-_4146602	4146602	4146631	-	6	30	TTG	TGA	0	0	
mORF_-_4146728	4146728	4146901	-	6	174	GTG	TGA	0	0	
mORF_-_4146772	4146772	4146810	-	5	39	GTG	TGA	0	0	
mORF_-_4146959	4146959	4147003	-	6	45	ATG	TGA	0	0	
mORF_-_4147034	4147034	4147132	-	6	99	TTG	TAA	0	0	
mORF_-_4147136	4147136	4147159	-	6	24	ATG	TGA	0	0	
mORF_-_4147181	4147181	4147210	-	6	30	GTG	TGA	0	0	
mORF_-_4147364	4147364	4147396	-	6	33	TTG	TGA	0	0	
mORF_-_4147400	4147400	4147423	-	6	24	TTG	TGA	0	0	
mORF_-_4147463	4147463	4147513	-	6	51	GTG	TGA	0	0	
mORF_-_4147532	4147532	4147561	-	6	30	TTG	TGA	0	0	
mORF_-_4147571	4147571	4147639	-	6	69	ATG	TAG	0	0	
mORF_-_4147636	4147636	4147704	-	5	69	GTG	TGA	0	0	
mORF_-_4147691	4147691	4147753	-	6	63	TTG	TGA	0	0	
mORF_-_4147750	4147750	4148055	-	5	306	ATG	TGA	0	0	
mORF_-_4147799	4147799	4147918	-	6	120	TTG	TGA	0	0	
mORF_-_4147979	4147979	4147984	-	6	6	TTG	TGA	0	0	
mORF_-_4148069	4148069	4148080	-	6	12	TTG	TAA	0	0	
mORF_-_4148086	4148086	4148124	-	5	39	GTG	TAA	0	0	
mORF_-_4148117	4148117	4148332	-	6	216	TTG	TGA	0	0	
mORF_-_4148167	4148167	4148235	-	5	69	TTG	TAG	0	0	
mORF_-_4148337	4148337	4148507	-	4	171	TTG	TAA	0	0	
mORF_-_4148470	4148470	4151121	-	5	2652	ATG	TAA	200	2941	pORF_-_4148470
mORF_-_4148480	4148480	4148653	-	6	174	GTG	TAA	0	0	
mORF_-_4148604	4148604	4148648	-	4	45	TTG	TGA	0	0	
mORF_-_4148667	4148667	4148687	-	4	21	TTG	TGA	0	0	
mORF_-_4148735	4148735	4148749	-	6	15	GTG	TAA	0	0	
mORF_-_4148760	4148760	4148924	-	4	165	GTG	TAG	0	0	
mORF_-_4148774	4148774	4148974	-	6	201	GTG	TGA	0	0	
mORF_-_4148943	4148943	4149260	-	4	318	ATG	TGA	0	0	
mORF_-_4149309	4149309	4149368	-	4	60	TTG	TGA	0	0	
mORF_-_4149396	4149396	4149404	-	4	9	TTG	TGA	0	0	
mORF_-_4149429	4149429	4149437	-	4	9	ATG	TAA	0	0	
mORF_-_4149471	4149471	4149506	-	4	36	TTG	TGA	0	0	
mORF_-_4149531	4149531	4149551	-	4	21	TTG	TGA	0	0	
mORF_-_4149567	4149567	4149575	-	4	9	ATG	TGA	0	0	
mORF_-_4149588	4149588	4149632	-	4	45	TTG	TGA	0	0	
mORF_-_4149702	4149702	4149740	-	4	39	TTG	TGA	0	0	
mORF_-_4149894	4149894	4149944	-	4	51	TTG	TGA	0	0	
mORF_-_4149941	4149941	4150138	-	6	198	ATG	TGA	0	0	
mORF_-_4149972	4149972	4150025	-	4	54	GTG	TGA	0	0	
mORF_-_4150176	4150176	4150244	-	4	69	TTG	TGA	0	0	
mORF_-_4150256	4150256	4150513	-	6	258	ATG	TGA	0	0	
mORF_-_4150281	4150281	4150403	-	4	123	TTG	TGA	0	0	
mORF_-_4150497	4150497	4150523	-	4	27	ATG	TAG	0	0	
mORF_-_4150524	4150524	4150556	-	4	33	ATG	TAG	0	0	
mORF_-_4150553	4150553	4150567	-	6	15	ATG	TGA	0	0	
mORF_-_4150884	4150884	4150976	-	4	93	ATG	TGA	0	0	
mORF_-_4151016	4151016	4151090	-	4	75	ATG	TAG	0	0	
mORF_-_4151118	4151118	4151135	-	4	18	GTG	TGA	0	0	
mORF_-_4151123	4151123	4151170	-	6	48	GTG	TAA	0	0	
mORF_-_4151142	4151142	4151246	-	4	105	TTG	TAA	0	0	
mORF_-_4151216	4151216	4151227	-	6	12	GTG	TAA	0	0	
mORF_-_4151243	4151243	4151269	-	6	27	TTG	TGA	0	0	
mORF_-_4151263	4151263	4151400	-	5	138	ATG	TGA	0	0	
mORF_-_4151289	4151289	4151306	-	4	18	GTG	TAA	0	0	

mORF_-_4151339	4151339	4151731	-	6	393	TTG	TAA	0	0	
mORF_-_4151407	4151407	4151418	-	5	12	GTG	TAA	0	0	
mORF_-_4151488	4151488	4151523	-	5	36	ATG	TGA	0	0	
mORF_-_4151530	4151530	4151541	-	5	12	GTG	TAA	0	0	
mORF_-_4151611	4151611	4151646	-	5	36	ATG	TGA	0	0	
mORF_-_4151653	4151653	4151664	-	5	12	GTG	TAA	0	0	
mORF_-_4151719	4151719	4152909	-	5	1191	ATG	TAA	37	446	pORF_-_4151719
mORF_-_4151754	4151754	4151798	-	4	45	ATG	TGA	0	0	
mORF_-_4151816	4151816	4151851	-	6	36	ATG	TAA	0	0	
mORF_-_4151886	4151886	4151957	-	4	72	ATG	TGA	0	0	
mORF_-_4151927	4151927	4151953	-	6	27	ATG	TGA	0	0	
mORF_-_4152015	4152015	4152056	-	4	42	ATG	TGA	0	0	
mORF_-_4152063	4152063	4152134	-	4	72	GTG	TGA	0	0	
mORF_-_4152098	4152098	4152112	-	6	15	TTG	TGA	0	0	
mORF_-_4152246	4152246	4152443	-	4	198	ATG	TAA	0	0	
mORF_-_4152332	4152332	4152382	-	6	51	TTG	TAA	0	0	
mORF_-_4152474	4152474	4152521	-	4	48	TTG	TGA	0	0	
mORF_-_4152546	4152546	4152569	-	4	24	ATG	TAG	0	0	
mORF_-_4152576	4152576	4152725	-	4	150	ATG	TGA	0	0	
mORF_-_4152765	4152765	4152776	-	4	12	ATG	TAA	0	0	
mORF_-_4152807	4152807	4152824	-	4	18	TTG	TAA	0	0	
mORF_-_4152867	4152867	4152881	-	4	15	GTG	TGA	0	0	
mORF_-_4152888	4152888	4152902	-	4	15	TTG	TGA	0	0	
mORF_-_4152906	4152906	4153004	-	4	99	ATG	TGA	0	0	
mORF_-_4152917	4152917	4152934	-	6	18	GTG	TAA	0	0	
mORF_-_4152985	4152985	4152996	-	5	12	TTG	TAA	0	0	
mORF_-_4153072	4153072	4153101	-	5	30	ATG	TAG	0	0	
mORF_-_4153080	4153080	4153358	-	4	279	GTG	TAG	0	0	
mORF_-_4153126	4153126	4153134	-	5	9	TTG	TGA	0	0	
mORF_-_4153153	4153153	4153170	-	5	18	ATG	TAA	0	0	
mORF_-_4153177	4153177	4153281	-	5	105	GTG	TAG	0	0	
mORF_-_4153285	4153285	4153392	-	5	108	TTG	TAA	0	0	
mORF_-_4153382	4153382	4153501	-	6	120	GTG	TAA	0	0	
mORF_-_4153485	4153485	4153547	-	4	63	TTG	TAA	0	0	
mORF_-_4153548	4153548	4153607	-	4	60	ATG	TGA	0	0	
mORF_-_4153562	4153562	4153612	-	6	51	TTG	TGA	0	0	
mORF_-_4153609	4153609	4153797	-	5	189	TTG	TGA	0	0	
mORF_-_4153652	4153652	4153684	-	6	33	GTG	TAA	0	0	
mORF_-_4153665	4153665	4153847	-	4	183	TTG	TGA	0	0	
mORF_-_4153706	4153706	4153714	-	6	9	GTG	TGA	0	0	
mORF_-_4153751	4153751	4153885	-	6	135	ATG	TAA	0	0	
mORF_-_4153801	4153801	4153920	-	5	120	ATG	TAA	0	0	
mORF_-_4153908	4153908	4153988	-	4	81	TTG	TGA	0	0	
mORF_-_4153925	4153925	4153969	-	6	45	GTG	TAA	0	0	
mORF_-_4153948	4153948	4154058	-	5	111	TTG	TAA	0	0	
mORF_-_4154025	4154025	4154048	-	4	24	ATG	TAA	0	0	
mORF_-_4154106	4154106	4154135	-	4	30	GTG	TAA	0	0	
mORF_-_4154132	4154132	4154320	-	6	189	ATG	TGA	0	0	
mORF_-_4154248	4154248	4154265	-	5	18	GTG	TGA	0	0	
mORF_-_4154262	4154262	4154306	-	4	45	ATG	TGA	0	0	
mORF_-_4154320	4154320	4154367	-	5	48	TTG	TGA	0	0	
mORF_-_4154390	4154390	4154752	-	6	363	ATG	TAA	0	0	
mORF_-_4154395	4154395	4154436	-	5	42	TTG	TGA	0	0	
mORF_-_4154455	4154455	4154715	-	5	261	GTG	TAA	0	0	
mORF_-_4154511	4154511	4154546	-	4	36	TTG	TGA	0	0	
mORF_-_4154664	4154664	4154771	-	4	108	GTG	TAA	0	0	
mORF_-_4154775	4154775	4154855	-	4	81	TTG	TAA	0	0	
mORF_-_4154804	4154804	4154845	-	6	42	ATG	TAA	0	0	
mORF_-_4154852	4154852	4154926	-	6	75	TTG	TGA	0	0	
mORF_-_4154871	4154871	4154879	-	4	9	GTG	TAA	0	0	
mORF_-_4154911	4154911	4154931	-	5	21	TTG	TGA	0	0	
mORF_-_4154928	4154928	4154939	-	4	12	GTG	TGA	0	0	
mORF_-_4154950	4154950	4155174	-	5	225	TTG	TAA	0	0	

mORF_-_4155006	4155006	4155092	-	4	87	GTG	TGA	0	0	
mORF_-_4155020	4155020	4155127	-	6	108	ATG	TAA	0	0	
mORF_-_4155167	4155167	4155184	-	6	18	ATG	TAA	0	0	
mORF_-_4155205	4155205	4155309	-	5	105	TTG	TGA	0	0	
mORF_-_4155254	4155254	4155373	-	6	120	GTG	TAA	0	0	
mORF_-_4155264	4155264	4155302	-	4	39	GTG	TAG	0	0	
mORF_-_4155331	4155331	4155336	-	5	6	GTG	TAA	0	0	
mORF_-_4155484	4155484	4155789	-	5	306	ATG	TAG	0	0	
mORF_-_4155506	4155506	4155616	-	6	111	ATG	TAA	0	0	
mORF_-_4155648	4155648	4155935	-	4	288	GTG	TAA	0	0	
mORF_-_4155779	4155779	4156156	-	6	378	TTG	TAA	0	0	
mORF_-_4155820	4155820	4155918	-	5	99	ATG	TAA	0	0	
mORF_-_4155961	4155961	4155975	-	5	15	GTG	TAA	0	0	
mORF_-_4155988	4155988	4156059	-	5	72	ATG	TAA	0	0	
mORF_-_4156063	4156063	4156071	-	5	9	TTG	TGA	0	0	
mORF_-_4156110	4156110	4156196	-	4	87	GTG	TGA	0	0	
mORF_-_4156135	4156135	4156170	-	5	36	TTG	TAG	0	0	
mORF_-_4156238	4156238	4156252	-	6	15	ATG	TAA	0	0	
mORF_-_4156278	4156278	4156337	-	4	60	GTG	TAA	0	0	
mORF_-_4156294	4156294	4156329	-	5	36	TTG	TAA	0	0	
mORF_-_4156349	4156349	4156390	-	6	42	TTG	TAA	0	0	
mORF_-_4156394	4156394	4156426	-	6	33	TTG	TAA	0	0	
mORF_-_4156434	4156434	4156484	-	4	51	ATG	TGA	0	0	
mORF_-_4156471	4156471	4156794	-	5	324	GTG	TAG	0	0	
mORF_-_4156475	4156475	4156546	-	6	72	ATG	TAG	0	0	
mORF_-_4156488	4156488	4156685	-	4	198	GTG	TAG	0	0	
mORF_-_4156710	4156710	4156979	-	4	270	ATG	TGA	0	0	
mORF_-_4156745	4156745	4156759	-	6	15	TTG	TAA	0	0	
mORF_-_4156828	4156828	4156902	-	5	75	GTG	TAG	0	0	
mORF_-_4156844	4156844	4156975	-	6	132	ATG	TAG	0	0	
mORF_-_4156906	4156906	4157166	-	5	261	GTG	TAA	0	0	
mORF_-_4156976	4156976	4157005	-	6	30	TTG	TGA	0	0	
mORF_-_4157015	4157015	4157164	-	6	150	GTG	TAG	0	0	
mORF_-_4157118	4157118	4157261	-	4	144	TTG	TGA	0	0	
mORF_-_4157277	4157277	4157312	-	4	36	GTG	TAA	0	0	
mORF_-_4157291	4157291	4157305	-	6	15	GTG	TAA	0	0	
mORF_-_4157312	4157312	4157386	-	6	75	TTG	TAG	0	0	
mORF_-_4157338	4157338	4157400	-	5	63	ATG	TGA	0	0	
mORF_-_4157355	4157355	4157378	-	4	24	ATG	TAG	0	0	
mORF_-_4157413	4157413	4158813	-	5	1401	ATG	TAA	33	107	pORF_-_4157413
mORF_-_4157445	4157445	4157576	-	4	132	TTG	TAG	0	0	
mORF_-_4157640	4157640	4157696	-	4	57	ATG	TGA	0	0	
mORF_-_4157715	4157715	4157786	-	4	72	TTG	TGA	0	0	
mORF_-_4157811	4157811	4157876	-	4	66	TTG	TAA	0	0	
mORF_-_4157958	4157958	4158014	-	4	57	ATG	TAG	0	0	
mORF_-_4158063	4158063	4158077	-	4	15	GTG	TGA	0	0	
mORF_-_4158117	4158117	4158125	-	4	9	GTG	TAG	0	0	
mORF_-_4158213	4158213	4158248	-	4	36	GTG	TAA	0	0	
mORF_-_4158255	4158255	4158389	-	4	135	TTG	TGA	0	0	
mORF_-_4158402	4158402	4158485	-	4	84	GTG	TAA	0	0	
mORF_-_4158410	4158410	4158430	-	6	21	TTG	TGA	0	0	
mORF_-_4158534	4158534	4158566	-	4	33	TTG	TGA	0	0	
mORF_-_4158551	4158551	4158682	-	6	132	TTG	TAA	0	0	
mORF_-_4158621	4158621	4158728	-	4	108	GTG	TAG	0	0	
mORF_-_4158734	4158734	4158847	-	6	114	TTG	TAA	0	0	
mORF_-_4158783	4158783	4158791	-	4	9	ATG	TAG	0	0	
mORF_-_4158822	4158822	4158839	-	4	18	ATG	TAA	0	0	
mORF_-_4158832	4158832	4158894	-	5	63	ATG	TAA	0	0	
mORF_-_4158863	4158863	4158880	-	6	18	TTG	TAA	0	0	
mORF_-_4158956	4158956	4159066	-	6	111	ATG	TAA	0	0	
mORF_-_4159056	4159056	4159283	-	4	228	GTG	TAA	0	0	
mORF_-_4159063	4159063	4159083	-	5	21	TTG	TGA	0	0	
mORF_-_4159067	4159067	4159072	-	6	6	TTG	TGA	0	0	

mORF_-_4159094	4159094	4159204	-	6	111	ATG	TGA	0	0	
mORF_-_4159135	4159135	4159212	-	5	78	TTG	TGA	0	0	
mORF_-_4159213	4159213	4159299	-	5	87	ATG	TAA	0	0	
mORF_-_4159290	4159290	4159367	-	4	78	ATG	TAA	0	0	
mORF_-_4159354	4159354	4159362	-	5	9	TTG	TAG	0	0	
mORF_-_4159364	4159364	4159429	-	6	66	ATG	TGA	0	0	
mORF_-_4159380	4159380	4159493	-	4	114	GTG	TGA	0	0	
mORF_-_4159471	4159471	4159680	-	5	210	TTG	TAA	0	0	
mORF_-_4159530	4159530	4159541	-	4	12	ATG	TGA	0	0	
mORF_-_4159592	4159592	4159624	-	6	33	TTG	TAA	0	0	
mORF_-_4159631	4159631	4159765	-	6	135	TTG	TGA	0	0	
mORF_-_4159681	4159681	4159806	-	5	126	TTG	TAA	0	0	
mORF_-_4159731	4159731	4159811	-	4	81	TTG	TAA	0	0	
mORF_-_4159808	4159808	4159888	-	6	81	ATG	TGA	0	0	
mORF_-_4159848	4159848	4159949	-	4	102	TTG	TAA	0	0	
mORF_-_4159879	4159879	4159896	-	5	18	ATG	TAA	0	0	
mORF_-_4159952	4159952	4160095	-	6	144	ATG	TAA	0	0	
mORF_-_4160095	4160095	4160220	-	5	126	GTG	TAA	0	0	
mORF_-_4160160	4160160	4160180	-	4	21	ATG	TAA	0	0	
mORF_-_4160193	4160193	4161293	-	4	1101	ATG	TAA	21	64	pORF_-_4160193
mORF_-_4160204	4160204	4160251	-	6	48	TTG	TGA	0	0	
mORF_-_4160248	4160248	4160307	-	5	60	ATG	TGA	0	0	
mORF_-_4160285	4160285	4160404	-	6	120	TTG	TAA	0	0	
mORF_-_4160371	4160371	4160418	-	5	48	GTG	TGA	0	0	
mORF_-_4160429	4160429	4160470	-	6	42	ATG	TAA	0	0	
mORF_-_4160471	4160471	4160560	-	6	90	TTG	TGA	0	0	
mORF_-_4160585	4160585	4160599	-	6	15	TTG	TAG	0	0	
mORF_-_4160626	4160626	4160691	-	5	66	ATG	TAA	0	0	
mORF_-_4160756	4160756	4160836	-	6	81	TTG	TGA	0	0	
mORF_-_4160785	4160785	4160901	-	5	117	GTG	TGA	0	0	
mORF_-_4160837	4160837	4160848	-	6	12	ATG	TGA	0	0	
mORF_-_4160849	4160849	4160908	-	6	60	ATG	TGA	0	0	
mORF_-_4160951	4160951	4161019	-	6	69	TTG	TGA	0	0	
mORF_-_4161032	4161032	4161130	-	6	99	ATG	TGA	0	0	
mORF_-_4161248	4161248	4161262	-	6	15	ATG	TAG	0	0	
mORF_-_4161310	4161310	4161342	-	5	33	ATG	TAA	0	0	
mORF_-_4161342	4161342	4161419	-	4	78	GTG	TGA	0	0	
mORF_-_4161368	4161368	4161889	-	6	522	TTG	TAG	0	0	
mORF_-_4161400	4161400	4161405	-	5	6	TTG	TAA	0	0	
mORF_-_4161502	4161502	4161537	-	5	36	ATG	TAA	0	0	
mORF_-_4161541	4161541	4161585	-	5	45	TTG	TAA	0	0	
mORF_-_4161549	4161549	4161635	-	4	87	ATG	TAA	0	0	
mORF_-_4161643	4161643	4161801	-	5	159	GTG	TAG	0	0	
mORF_-_4161657	4161657	4161662	-	4	6	TTG	TAA	0	0	
mORF_-_4161699	4161699	4161722	-	4	24	GTG	TGA	0	0	
mORF_-_4161756	4161756	4161797	-	4	42	TTG	TAG	0	0	
mORF_-_4161814	4161814	4161885	-	5	72	GTG	TGA	0	0	
mORF_-_4161882	4161882	4161914	-	4	33	ATG	TGA	0	0	
mORF_-_4161911	4161911	4161946	-	6	36	ATG	TGA	0	0	
mORF_-_4161921	4161921	4161935	-	4	15	TTG	TAA	0	0	
mORF_-_4162020	4162020	4162088	-	4	69	TTG	TAG	0	0	
mORF_-_4162072	4162072	4162161	-	5	90	TTG	TAA	0	0	
mORF_-_4162142	4162142	4162288	-	6	147	TTG	TGA	0	0	
mORF_-_4162185	4162185	4162214	-	4	30	GTG	TAG	0	0	
mORF_-_4162313	4162313	4162345	-	6	33	ATG	TAA	0	0	
mORF_-_4162350	4162350	4162433	-	4	84	GTG	TAA	0	0	
mORF_-_4162387	4162387	4162404	-	5	18	TTG	TAG	0	0	
mORF_-_4162430	4162430	4162465	-	6	36	TTG	TGA	0	0	
mORF_-_4162486	4162486	4162518	-	5	33	ATG	TAG	0	0	
mORF_-_4162503	4162503	4162511	-	4	9	GTG	TAA	0	0	
mORF_-_4162508	4162508	4162762	-	6	255	TTG	TGA	0	0	
mORF_-_4162518	4162518	4162625	-	4	108	TTG	TAA	0	0	
mORF_-_4162525	4162525	4162539	-	5	15	TTG	TAG	0	0	

mORF_-_4162543	4162543	4162548	-	5	6	TTG	TAA	0	0
mORF_-_4162570	4162570	4162635	-	5	66	ATG	TAA	0	0
mORF_-_4162723	4162723	4162740	-	5	18	ATG	TGA	0	0
mORF_-_4162773	4162773	4162811	-	4	39	GTG	TAA	0	0
mORF_-_4162808	4162808	4162921	-	6	114	TTG	TGA	0	0
mORF_-_4162822	4162822	4162860	-	5	39	ATG	TGA	0	0
mORF_-_4162867	4162867	4162878	-	5	12	ATG	TAA	0	0
mORF_-_4162875	4162875	4162910	-	4	36	TTG	TGA	0	0
mORF_-_4162933	4162933	4162968	-	5	36	TTG	TAG	0	0
mORF_-_4162994	4162994	4163152	-	6	159	ATG	TAA	0	0
mORF_-_4163065	4163065	4163070	-	5	6	GTG	TGA	0	0
mORF_-_4163080	4163080	4163127	-	5	48	TTG	TAA	0	0
mORF_-_4163103	4163103	4163144	-	4	42	GTG	TAA	0	0
mORF_-_4163167	4163167	4163199	-	5	33	GTG	TAA	0	0
mORF_-_4163274	4163274	4163318	-	4	45	ATG	TAA	0	0
mORF_-_4163281	4163281	4163295	-	5	15	GTG	TGA	0	0
mORF_-_4163315	4163315	4163518	-	6	204	GTG	TGA	0	0
mORF_-_4163329	4163329	4163388	-	5	60	GTG	TGA	0	0
mORF_-_4163385	4163385	4163576	-	4	192	ATG	TGA	0	0
mORF_-_4163392	4163392	4163433	-	5	42	TTG	TGA	0	0
mORF_-_4163455	4163455	4163481	-	5	27	GTG	TAG	0	0
mORF_-_4163494	4163494	4163511	-	5	18	GTG	TAG	0	0
mORF_-_4163580	4163580	4163690	-	4	111	TTG	TAA	0	0
mORF_-_4163594	4163594	4163599	-	6	6	ATG	TAA	0	0
mORF_-_4163600	4163600	4163680	-	6	81	GTG	TAA	0	0
mORF_-_4163650	4163650	4163673	-	5	24	TTG	TAA	0	0
mORF_-_4163677	4163677	4163757	-	5	81	ATG	TGA	0	0
mORF_-_4163696	4163696	4163836	-	6	141	ATG	TAA	0	0
mORF_-_4163803	4163803	4163853	-	5	51	TTG	TAA	0	0
mORF_-_4163844	4163844	4163885	-	4	42	ATG	TAA	0	0
mORF_-_4163882	4163882	4164064	-	6	183	GTG	TGA	0	0
mORF_-_4163905	4163905	4164225	-	5	321	TTG	TAG	0	0
mORF_-_4163967	4163967	4163972	-	4	6	ATG	TAG	0	0
mORF_-_4164021	4164021	4164068	-	4	48	ATG	TAA	0	0
mORF_-_4164078	4164078	4164083	-	4	6	TTG	TAG	0	0
mORF_-_4164093	4164093	4164098	-	4	6	TTG	TAA	0	0
mORF_-_4164165	4164165	4164245	-	4	81	TTG	TAA	0	0
mORF_-_4164329	4164329	4164397	-	6	69	GTG	TGA	0	0
mORF_-_4164337	4164337	4164414	-	5	78	GTG	TAA	0	0
mORF_-_4164375	4164375	4164506	-	4	132	GTG	TAG	0	0
mORF_-_4164424	4164424	4164537	-	5	114	GTG	TGA	0	0
mORF_-_4164497	4164497	4164622	-	6	126	TTG	TAA	0	0
mORF_-_4164555	4164555	4164629	-	4	75	TTG	TGA	0	0
mORF_-_4164592	4164592	4164741	-	5	150	TTG	TAA	0	0
mORF_-_4164672	4164672	4164701	-	4	30	ATG	TGA	0	0
mORF_-_4164698	4164698	4164877	-	6	180	TTG	TGA	0	0
mORF_-_4164729	4164729	4164737	-	4	9	ATG	TAG	0	0
mORF_-_4164834	4164834	4164995	-	4	162	GTG	TAG	0	0
mORF_-_4164850	4164850	4164861	-	5	12	ATG	TAG	0	0
mORF_-_4164929	4164929	4164952	-	6	24	GTG	TAG	0	0
mORF_-_4164953	4164953	4164997	-	6	45	GTG	TAG	0	0
mORF_-_4164967	4164967	4165053	-	5	87	GTG	TAG	0	0
mORF_-_4165023	4165023	4165184	-	4	162	GTG	TAG	0	0
mORF_-_4165166	4165166	4165228	-	6	63	TTG	TAA	0	0
mORF_-_4165232	4165232	4165261	-	6	30	GTG	TAA	0	0
mORF_-_4165274	4165274	4165462	-	6	189	TTG	TAA	0	0
mORF_-_4165300	4165300	4165317	-	5	18	ATG	TGA	0	0
mORF_-_4165469	4165469	4165582	-	6	114	TTG	TAA	0	0
mORF_-_4165551	4165551	4165631	-	4	81	ATG	TAA	0	0
mORF_-_4165585	4165585	4165737	-	5	153	ATG	TAA	0	0
mORF_-_4165637	4165637	4165678	-	6	42	ATG	TAA	0	0
mORF_-_4165662	4165662	4165682	-	4	21	GTG	TAA	0	0
mORF_-_4165691	4165691	4165792	-	6	102	TTG	TGA	0	0

mORF_-_4165746	4165746	4165832	-	4	87	TTG	TGA	0	0
mORF_-_4165771	4165771	4165911	-	5	141	GTG	TAA	0	0
mORF_-_4165875	4165875	4166000	-	4	126	TTG	TGA	0	0
mORF_-_4165904	4165904	4165909	-	6	6	GTG	TAG	0	0
mORF_-_4165915	4165915	4165956	-	5	42	TTG	TAG	0	0
mORF_-_4165964	4165964	4166011	-	6	48	ATG	TGA	0	0
mORF_-_4166025	4166025	4166216	-	4	192	GTG	TAG	0	0
mORF_-_4166039	4166039	4166080	-	6	42	GTG	TGA	0	0
mORF_-_4166087	4166087	4166110	-	6	24	TTG	TGA	0	0
mORF_-_4166125	4166125	4166184	-	5	60	TTG	TAA	0	0
mORF_-_4166221	4166221	4166283	-	5	63	TTG	TAA	0	0
mORF_-_4166250	4166250	4166255	-	4	6	GTG	TGA	0	0
mORF_-_4166337	4166337	4166387	-	4	51	TTG	TAA	0	0
mORF_-_4166353	4166353	4166433	-	5	81	GTG	TAG	0	0
mORF_-_4166366	4166366	4166422	-	6	57	GTG	TGA	0	0
mORF_-_4166430	4166430	4166471	-	4	42	GTG	TGA	0	0
mORF_-_4166458	4166458	4166520	-	5	63	ATG	TAG	0	0
mORF_-_4166502	4166502	4166513	-	4	12	TTG	TAA	0	0
mORF_-_4166510	4166510	4166590	-	6	81	TTG	TGA	0	0
mORF_-_4166550	4166550	4166615	-	4	66	TTG	TAA	0	0
mORF_-_4166563	4166563	4166628	-	5	66	GTG	TGA	0	0
mORF_-_4166612	4166612	4166650	-	6	39	ATG	TGA	0	0
mORF_-_4166674	4166674	4166829	-	5	156	ATG	TAG	0	0
mORF_-_4166724	4166724	4166816	-	4	93	ATG	TAG	0	0
mORF_-_4166816	4166816	4166863	-	6	48	ATG	TAA	0	0
mORF_-_4166864	4166864	4167079	-	6	216	ATG	TAG	0	0
mORF_-_4166887	4166887	4167192	-	5	306	TTG	TGA	0	0
mORF_-_4166955	4166955	4167086	-	4	132	TTG	TAA	0	0
mORF_-_4167089	4167089	4167205	-	6	117	GTG	TAG	0	0
mORF_-_4167243	4167243	4167266	-	4	24	TTG	TGA	0	0
mORF_-_4167304	4167304	4167357	-	5	54	ATG	TAA	0	0
mORF_-_4167350	4167350	4167550	-	6	201	ATG	TAG	0	0
mORF_-_4167403	4167403	4167456	-	5	54	TTG	TAG	0	0
mORF_-_4167417	4167417	4167452	-	4	36	TTG	TAA	0	0
mORF_-_4167490	4167490	4167513	-	5	24	ATG	TAA	0	0
mORF_-_4167510	4167510	4167563	-	4	54	TTG	TGA	0	0
mORF_-_4167547	4167547	4167609	-	5	63	GTG	TGA	0	0
mORF_-_4167597	4167597	4167647	-	4	51	TTG	TGA	0	0
mORF_-_4167661	4167661	4167744	-	5	84	ATG	TAG	0	0
mORF_-_4167741	4167741	4167971	-	4	231	TTG	TGA	0	0
mORF_-_4167745	4167745	4167894	-	5	150	ATG	TAA	0	0
mORF_-_4167803	4167803	4167811	-	6	9	ATG	TAG	0	0
mORF_-_4167905	4167905	4167985	-	6	81	TTG	TGA	0	0
mORF_-_4167988	4167988	4168215	-	5	228	TTG	TAA	0	0
mORF_-_4168074	4168074	4168247	-	4	174	ATG	TAA	0	0
mORF_-_4168240	4168240	4168272	-	5	33	TTG	TAG	0	0
mORF_-_4168247	4168247	4168465	-	6	219	TTG	TGA	0	0
mORF_-_4168257	4168257	4168280	-	4	24	GTG	TGA	0	0
mORF_-_4168287	4168287	4168340	-	4	54	TTG	TGA	0	0
mORF_-_4168410	4168410	4168469	-	4	60	GTG	TGA	0	0
mORF_-_4168444	4168444	4168458	-	5	15	GTG	TAA	0	0
mORF_-_4168527	4168527	4168754	-	4	228	GTG	TAA	0	0
mORF_-_4168577	4168577	4168630	-	6	54	GTG	TAG	0	0
mORF_-_4168588	4168588	4168662	-	5	75	GTG	TAG	0	0
mORF_-_4168670	4168670	4168840	-	6	171	GTG	TGA	0	0
mORF_-_4168741	4168741	4168818	-	5	78	ATG	TAG	0	0
mORF_-_4168859	4168859	4168948	-	6	90	GTG	TAG	0	0
mORF_-_4168958	4168958	4169161	-	6	204	GTG	TAG	0	0
mORF_-_4168983	4168983	4169180	-	4	198	GTG	TAA	0	0
mORF_-_4169047	4169047	4169082	-	5	36	ATG	TGA	0	0
mORF_-_4169137	4169137	4169205	-	5	69	TTG	TGA	0	0
mORF_-_4169177	4169177	4169224	-	6	48	ATG	TGA	0	0
mORF_-_4169275	4169275	4169364	-	5	90	ATG	TAG	0	0

mORF_-_4169315	4169315	4169425	-	6	111	GTG	TAG	0	0	
mORF_-_4169361	4169361	4169417	-	4	57	ATG	TGA	0	0	
mORF_-_4169460	4169460	4169699	-	4	240	ATG	TAA	0	0	
mORF_-_4169566	4169566	4169571	-	5	6	TTG	TAA	0	0	
mORF_-_4169621	4169621	4169950	-	6	330	TTG	TAA	0	0	
mORF_-_4169707	4169707	4169754	-	5	48	ATG	TGA	0	0	
mORF_-_4169823	4169823	4169933	-	4	111	ATG	TAA	0	0	
mORF_-_4169947	4169947	4170036	-	5	90	GTG	TGA	0	0	
mORF_-_4169993	4169993	4170088	-	6	96	GTG	TAG	0	0	
mORF_-_4170018	4170018	4170023	-	4	6	TTG	TAG	0	0	
mORF_-_4170049	4170049	4170117	-	5	69	ATG	TAG	0	0	
mORF_-_4170078	4170078	4170110	-	4	33	ATG	TAG	0	0	
mORF_-_4170092	4170092	4170163	-	6	72	TTG	TAA	0	0	
mORF_-_4170130	4170130	4170171	-	5	42	TTG	TGA	0	0	
mORF_-_4170164	4170164	4170298	-	6	135	ATG	TAA	0	0	
mORF_-_4170168	4170168	4170188	-	4	21	TTG	TGA	0	0	
mORF_-_4170250	4170250	4170282	-	5	33	TTG	TAG	0	0	
mORF_-_4170279	4170279	4170431	-	4	153	GTG	TGA	0	0	
mORF_-_4170295	4170295	4170366	-	5	72	GTG	TGA	0	0	
mORF_-_4170320	4170320	4170349	-	6	30	ATG	TAA	0	0	
mORF_-_4170464	4170464	4170517	-	6	54	TTG	TAA	0	0	
mORF_-_4170481	4170481	4170534	-	5	54	TTG	TAA	0	0	
mORF_-_4170524	4170524	4170634	-	6	111	TTG	TAA	0	0	
mORF_-_4170594	4170594	4170623	-	4	30	TTG	TAG	0	0	
mORF_-_4170656	4170656	4170715	-	6	60	ATG	TAA	0	0	
mORF_-_4170672	4170672	4170689	-	4	18	GTG	TAG	0	0	
mORF_-_4170699	4170699	4170743	-	4	45	TTG	TAA	0	0	
mORF_-_4170712	4170712	4170774	-	5	63	TTG	TGA	0	0	
mORF_-_4170801	4170801	4170836	-	4	36	TTG	TAG	0	0	
mORF_-_4170815	4170815	4170820	-	6	6	TTG	TGA	0	0	
mORF_-_4170899	4170899	4170940	-	6	42	TTG	TAG	0	0	
mORF_-_4170937	4170937	4170969	-	5	33	TTG	TGA	0	0	
mORF_-_4170947	4170947	4171006	-	6	60	ATG	TAA	0	0	
mORF_-_4170957	4170957	4170974	-	4	18	TTG	TAA	0	0	
mORF_-_4171062	4171062	4171118	-	4	57	GTG	TAA	0	0	
mORF_-_4171103	4171103	4171126	-	6	24	GTG	TGA	0	0	
mORF_-_4171144	4171144	4171221	-	5	78	GTG	TAA	0	0	
mORF_-_4171161	4171161	4171223	-	4	63	ATG	TGA	0	0	
mORF_-_4171211	4171211	4171231	-	6	21	GTG	TAA	0	0	
mORF_-_4171326	4171326	4171373	-	4	48	GTG	TGA	0	0	
mORF_-_4171377	4171377	4171592	-	4	216	TTG	TGA	0	0	
mORF_-_4171406	4171406	4171492	-	6	87	TTG	TAA	0	0	
mORF_-_4171495	4171495	4171527	-	5	33	TTG	TAA	0	0	
mORF_-_4171585	4171585	4171704	-	5	120	TTG	TAA	0	0	
mORF_-_4171635	4171635	4171730	-	4	96	ATG	TAG	0	0	
mORF_-_4171724	4171724	4171735	-	6	12	TTG	TGA	0	0	
mORF_-_4171764	4171764	4171826	-	4	63	ATG	TGA	0	0	
mORF_-_4171796	4171796	4171882	-	6	87	GTG	TGA	0	0	
mORF_-_4171840	4171840	4171869	-	5	30	TTG	TAA	0	0	
mORF_-_4171884	4171884	4171985	-	4	102	TTG	TAA	0	0	
mORF_-_4171940	4171940	4171972	-	6	33	GTG	TGA	0	0	
mORF_-_4171999	4171999	4172097	-	5	99	TTG	TAA	0	0	
mORF_-_4172099	4172099	4173205	-	6	1107	TTG	TAA	11	92	pORF_-_4172099
mORF_-_4172122	4172122	4172139	-	5	18	GTG	TAG	0	0	
mORF_-_4172152	4172152	4172169	-	5	18	GTG	TAA	0	0	
mORF_-_4172166	4172166	4172219	-	4	54	GTG	TGA	0	0	
mORF_-_4172268	4172268	4172336	-	4	69	ATG	TAA	0	0	
mORF_-_4172314	4172314	4172445	-	5	132	ATG	TGA	0	0	
mORF_-_4172446	4172446	4172457	-	5	12	TTG	TAA	0	0	
mORF_-_4172461	4172461	4172496	-	5	36	ATG	TAA	0	0	
mORF_-_4172503	4172503	4172574	-	5	72	TTG	TGA	0	0	
mORF_-_4172578	4172578	4172598	-	5	21	ATG	TGA	0	0	
mORF_-_4172626	4172626	4172634	-	5	9	GTG	TGA	0	0	

mORF_-_4172641	4172641	4172670	-	5	30	ATG	TGA	0	0	
mORF_-_4172680	4172680	4172691	-	5	12	GTG	TGA	0	0	
mORF_-_4172685	4172685	4172708	-	4	24	TTG	TGA	0	0	
mORF_-_4172713	4172713	4172811	-	5	99	TTG	TAA	0	0	
mORF_-_4172863	4172863	4172898	-	5	36	TTG	TGA	0	0	
mORF_-_4172905	4172905	4172949	-	5	45	ATG	TAG	0	0	
mORF_-_4172962	4172962	4173006	-	5	45	TTG	TGA	0	0	
mORF_-_4172976	4172976	4172993	-	4	18	GTG	TGA	0	0	
mORF_-_4173067	4173067	4173099	-	5	33	ATG	TGA	0	0	
mORF_-_4173106	4173106	4173267	-	5	162	GTG	TGA	0	0	
mORF_-_4173236	4173236	4173391	-	6	156	ATG	TAA	0	0	
mORF_-_4173243	4173243	4173269	-	4	27	TTG	TAA	0	0	
mORF_-_4173288	4173288	4173383	-	4	96	ATG	TAG	0	0	
mORF_-_4173316	4173316	4173342	-	5	27	TTG	TGA	0	0	
mORF_-_4173417	4173417	4173590	-	4	174	GTG	TAA	1	15	pORF_-_4173417
mORF_-_4173449	4173449	4173580	-	6	132	TTG	TGA	0	0	
mORF_-_4173487	4173487	4173516	-	5	30	TTG	TGA	0	0	
mORF_-_4173622	4173622	4173771	-	5	150	TTG	TAA	0	0	
mORF_-_4173674	4173674	4173703	-	6	30	ATG	TGA	0	0	
mORF_-_4173722	4173722	4173733	-	6	12	TTG	TGA	0	0	
mORF_-_4173788	4173788	4173853	-	6	66	GTG	TGA	0	0	
mORF_-_4173844	4173844	4173936	-	5	93	GTG	TGA	0	0	
mORF_-_4173885	4173885	4173893	-	4	9	ATG	TAA	0	0	
mORF_-_4173933	4173933	4174064	-	4	132	GTG	TGA	0	0	
mORF_-_4173952	4173952	4175061	-	5	1110	GTG	TAA	0	0	
mORF_-_4173971	4173971	4173994	-	6	24	TTG	TAG	0	0	
mORF_-_4174016	4174016	4174060	-	6	45	TTG	TAG	0	0	
mORF_-_4174076	4174076	4174105	-	6	30	ATG	TAG	0	0	
mORF_-_4174083	4174083	4174160	-	4	78	GTG	TAG	0	0	
mORF_-_4174154	4174154	4174201	-	6	48	GTG	TGA	0	0	
mORF_-_4174164	4174164	4174181	-	4	18	GTG	TGA	0	0	
mORF_-_4174227	4174227	4174325	-	4	99	ATG	TAG	0	0	
mORF_-_4174338	4174338	4174385	-	4	48	ATG	TGA	0	0	
mORF_-_4174443	4174443	4174469	-	4	27	GTG	TGA	0	0	
mORF_-_4174560	4174560	4174712	-	4	153	TTG	TAA	0	0	
mORF_-_4174719	4174719	4174814	-	4	96	TTG	TGA	0	0	
mORF_-_4174836	4174836	4174907	-	4	72	TTG	TGA	0	0	
mORF_-_4174923	4174923	4174940	-	4	18	TTG	TGA	0	0	
mORF_-_4174959	4174959	4175039	-	4	81	TTG	TAG	0	0	
mORF_-_4175048	4175048	4175173	-	6	126	TTG	TAA	0	0	
mORF_-_4175148	4175148	4175237	-	4	90	ATG	TAG	0	0	
mORF_-_4175180	4175180	4175212	-	6	33	GTG	TAG	0	0	
mORF_-_4175191	4175191	4175262	-	5	72	ATG	TGA	0	0	
mORF_-_4175303	4175303	4175404	-	6	102	TTG	TAG	0	0	
mORF_-_4175379	4175379	4175453	-	4	75	ATG	TAA	0	0	
mORF_-_4175401	4175401	4175478	-	5	78	TTG	TGA	0	0	
mORF_-_4175485	4175485	4175748	-	5	264	GTG	TAA	0	0	
mORF_-_4175496	4175496	4175570	-	4	75	TTG	TAA	0	0	
mORF_-_4175561	4175561	4175656	-	6	96	GTG	TAA	0	0	
mORF_-_4175625	4175625	4175651	-	4	27	ATG	TGA	0	0	
mORF_-_4175679	4175679	4175696	-	4	18	GTG	TAA	0	0	
mORF_-_4175745	4175745	4175852	-	4	108	ATG	TGA	0	0	
mORF_-_4175779	4175779	4175835	-	5	57	TTG	TAG	0	0	
mORF_-_4175801	4175801	4175893	-	6	93	ATG	TGA	0	0	
mORF_-_4175859	4175859	4176323	-	4	465	TTG	TAA	0	0	
mORF_-_4175890	4175890	4175901	-	5	12	TTG	TGA	0	0	
mORF_-_4175930	4175930	4175941	-	6	12	TTG	TGA	0	0	
mORF_-_4175978	4175978	4176199	-	6	222	TTG	TGA	0	0	
mORF_-_4176040	4176040	4176072	-	5	33	TTG	TGA	0	0	
mORF_-_4176289	4176289	4176348	-	5	60	GTG	TGA	0	0	
mORF_-_4176320	4176320	4176370	-	6	51	TTG	TGA	0	0	
mORF_-_4176336	4176336	4176350	-	4	15	TTG	TAA	0	0	
mORF_-_4176416	4176416	4177729	-	6	1314	ATG	TAA	0	0	

mORF_-_4176490	4176490	4176498	-	5	9	TTG	TAG	0	0
mORF_-_4176556	4176556	4176648	-	5	93	GTG	TGA	0	0
mORF_-_4176594	4176594	4176602	-	4	9	TTG	TGA	0	0
mORF_-_4176652	4176652	4176759	-	5	108	TTG	TAA	0	0
mORF_-_4176726	4176726	4176869	-	4	144	GTG	TGA	0	0
mORF_-_4176781	4176781	4176876	-	5	96	ATG	TGA	0	0
mORF_-_4176895	4176895	4177215	-	5	321	TTG	TAG	0	0
mORF_-_4176930	4176930	4176953	-	4	24	TTG	TAA	0	0
mORF_-_4176978	4176978	4176986	-	4	9	GTG	TAG	0	0
mORF_-_4177038	4177038	4177088	-	4	51	TTG	TAA	0	0
mORF_-_4177134	4177134	4177148	-	4	15	TTG	TAA	0	0
mORF_-_4177242	4177242	4177340	-	4	99	GTG	TAA	0	0
mORF_-_4177387	4177387	4177452	-	5	66	TTG	TAA	0	0
mORF_-_4177410	4177410	4177499	-	4	90	TTG	TGA	0	0
mORF_-_4177507	4177507	4177554	-	5	48	ATG	TGA	0	0
mORF_-_4177633	4177633	4177650	-	5	18	GTG	TAG	0	0
mORF_-_4177641	4177641	4177775	-	4	135	GTG	TAA	0	0
mORF_-_4177660	4177660	4177707	-	5	48	TTG	TAA	0	0
mORF_-_4177772	4177772	4177777	-	6	6	TTG	TGA	0	0
mORF_-_4177823	4177823	4177999	-	6	177	TTG	TAG	0	0
mORF_-_4177911	4177911	4178003	-	4	93	ATG	TAA	0	0
mORF_-_4177942	4177942	4178013	-	5	72	TTG	TAA	0	0
mORF_-_4178025	4178025	4178282	-	4	258	GTG	TAA	0	0
mORF_-_4178033	4178033	4178344	-	6	312	TTG	TGA	0	0
mORF_-_4178062	4178062	4178268	-	5	207	ATG	TGA	0	0
mORF_-_4178305	4178305	4178331	-	5	27	TTG	TGA	0	0
mORF_-_4178341	4178341	4178577	-	5	237	TTG	TGA	0	0
mORF_-_4178411	4178411	4178467	-	6	57	TTG	TAG	0	0
mORF_-_4178531	4178531	4178539	-	6	9	ATG	TAA	0	0
mORF_-_4178568	4178568	4179074	-	4	507	TTG	TGA	0	0
mORF_-_4178579	4178579	4178593	-	6	15	GTG	TAA	0	0
mORF_-_4178600	4178600	4178953	-	6	354	TTG	TGA	0	0
mORF_-_4178623	4178623	4178661	-	5	39	TTG	TAG	0	0
mORF_-_4178791	4178791	4178811	-	5	21	TTG	TGA	0	0
mORF_-_4178833	4178833	4178901	-	5	69	GTG	TAG	0	0
mORF_-_4179005	4179005	4179046	-	6	42	GTG	TGA	0	0
mORF_-_4179043	4179043	4179168	-	5	126	ATG	TGA	0	0
mORF_-_4179084	4179084	4179227	-	4	144	TTG	TAG	0	0
mORF_-_4179095	4179095	4179136	-	6	42	TTG	TAA	0	0
mORF_-_4179146	4179146	4179214	-	6	69	TTG	TAA	0	0
mORF_-_4179193	4179193	4180296	-	5	1104	GTG	TGA	0	0
mORF_-_4179266	4179266	4179325	-	6	60	GTG	TAG	0	0
mORF_-_4179479	4179479	4179550	-	6	72	GTG	TGA	0	0
mORF_-_4179579	4179579	4179617	-	4	39	ATG	TAG	0	0
mORF_-_4179633	4179633	4179797	-	4	165	ATG	TAG	0	0
mORF_-_4179801	4179801	4179893	-	4	93	ATG	TAA	0	0
mORF_-_4179909	4179909	4180142	-	4	234	ATG	TAG	0	0
mORF_-_4179950	4179950	4180021	-	6	72	ATG	TAA	0	0
mORF_-_4180167	4180167	4180211	-	4	45	ATG	TAG	0	0
mORF_-_4180254	4180254	4180283	-	4	30	TTG	TGA	0	0
mORF_-_4180277	4180277	4180333	-	6	57	TTG	TGA	0	0
mORF_-_4180318	4180318	4183206	-	5	2889	ATG	TAA	0	0
mORF_-_4180334	4180334	4180354	-	6	21	GTG	TAG	0	0
mORF_-_4180365	4180365	4180373	-	4	9	ATG	TAG	0	0
mORF_-_4180449	4180449	4180754	-	4	306	TTG	TAA	0	0
mORF_-_4180562	4180562	4180735	-	6	174	GTG	TGA	0	0
mORF_-_4180803	4180803	4180847	-	4	45	TTG	TGA	0	0
mORF_-_4180838	4180838	4180948	-	6	111	TTG	TAA	0	0
mORF_-_4180929	4180929	4180985	-	4	57	TTG	TAG	0	0
mORF_-_4180982	4180982	4181005	-	6	24	GTG	TGA	0	0
mORF_-_4181079	4181079	4181105	-	4	27	TTG	TAG	0	0
mORF_-_4181106	4181106	4181183	-	4	78	TTG	TAG	0	0
mORF_-_4181201	4181201	4181305	-	6	105	ATG	TGA	0	0

mORF_-_4181220	4181220	4181321	-	4	102	ATG	TAG	0	0	
mORF_-_4181439	4181439	4181516	-	4	78	ATG	TGA	0	0	
mORF_-_4181517	4181517	4181633	-	4	117	GTG	TAG	0	0	
mORF_-_4181658	4181658	4181681	-	4	24	ATG	TGA	0	0	
mORF_-_4181694	4181694	4181714	-	4	21	ATG	TAA	0	0	
mORF_-_4181736	4181736	4181765	-	4	30	ATG	TGA	0	0	
mORF_-_4181766	4181766	4181858	-	4	93	TTG	TGA	0	0	
mORF_-_4181880	4181880	4181912	-	4	33	ATG	TAA	0	0	
mORF_-_4182005	4182005	4182031	-	6	27	TTG	TAA	0	0	
mORF_-_4182060	4182060	4182239	-	4	180	TTG	TGA	0	0	
mORF_-_4182294	4182294	4182461	-	4	168	TTG	TGA	0	0	
mORF_-_4182374	4182374	4182397	-	6	24	GTG	TGA	0	0	
mORF_-_4182474	4182474	4182506	-	4	33	TTG	TGA	0	0	
mORF_-_4182525	4182525	4182593	-	4	69	ATG	TAA	0	0	
mORF_-_4182597	4182597	4182701	-	4	105	ATG	TGA	0	0	
mORF_-_4182735	4182735	4182800	-	4	66	TTG	TGA	0	0	
mORF_-_4182773	4182773	4182817	-	6	45	TTG	TAA	0	0	
mORF_-_4182891	4182891	4182917	-	4	27	GTG	TGA	0	0	
mORF_-_4182951	4182951	4183010	-	4	60	GTG	TAA	0	0	
mORF_-_4183028	4183028	4183120	-	6	93	ATG	TAA	0	0	
mORF_-_4183068	4183068	4183202	-	4	135	TTG	TGA	0	0	
mORF_-_4183206	4183206	4183316	-	4	111	GTG	TGA	0	0	
mORF_-_4183327	4183327	4183506	-	5	180	TTG	TAA	1	3	pORF_-_4183327
mORF_-_4183431	4183431	4183469	-	4	39	ATG	TGA	0	0	
mORF_-_4183466	4183466	4185007	-	6	1542	ATG	TGA	0	0	
mORF_-_4183507	4183507	4183521	-	5	15	TTG	TAG	0	0	
mORF_-_4183573	4183573	4183713	-	5	141	ATG	TAA	0	0	
mORF_-_4183801	4183801	4183830	-	5	30	TTG	TAG	0	0	
mORF_-_4183809	4183809	4183925	-	4	117	TTG	TAA	0	0	
mORF_-_4183840	4183840	4184037	-	5	198	TTG	TGA	0	0	
mORF_-_4184056	4184056	4184367	-	5	312	TTG	TGA	0	0	
mORF_-_4184416	4184416	4184439	-	5	24	GTG	TAG	0	0	
mORF_-_4184436	4184436	4184492	-	4	57	GTG	TGA	0	0	
mORF_-_4184464	4184464	4184514	-	5	51	ATG	TGA	0	0	
mORF_-_4184515	4184515	4184553	-	5	39	ATG	TAG	0	0	
mORF_-_4184616	4184616	4184681	-	4	66	ATG	TAA	0	0	
mORF_-_4184709	4184709	4184741	-	4	33	ATG	TAG	0	0	
mORF_-_4184776	4184776	4184871	-	5	96	ATG	TGA	0	0	
mORF_-_4184829	4184829	4184867	-	4	39	TTG	TAG	0	0	
mORF_-_4184905	4184905	4185105	-	5	201	ATG	TAG	0	0	
mORF_-_4185059	4185059	4187470	-	6	2412	GTG	TAA	0	0	
mORF_-_4185136	4185136	4185192	-	5	57	GTG	TAA	0	0	
mORF_-_4185147	4185147	4185173	-	4	27	TTG	TGA	0	0	
mORF_-_4185196	4185196	4185252	-	5	57	GTG	TAG	0	0	
mORF_-_4185243	4185243	4185284	-	4	42	ATG	TGA	0	0	
mORF_-_4185262	4185262	4185333	-	5	72	ATG	TAG	0	0	
mORF_-_4185406	4185406	4185456	-	5	51	TTG	TAG	0	0	
mORF_-_4185505	4185505	4185537	-	5	33	ATG	TGA	0	0	
mORF_-_4185528	4185528	4185578	-	4	51	GTG	TGA	0	0	
mORF_-_4185538	4185538	4185543	-	5	6	ATG	TAG	0	0	
mORF_-_4185586	4185586	4185699	-	5	114	GTG	TGA	0	0	
mORF_-_4185633	4185633	4185647	-	4	15	TTG	TGA	0	0	
mORF_-_4185690	4185690	4185734	-	4	45	GTG	TGA	0	0	
mORF_-_4185754	4185754	4186041	-	5	288	GTG	TAA	0	0	
mORF_-_4186066	4186066	4186299	-	5	234	GTG	TAG	0	0	
mORF_-_4186098	4186098	4186115	-	4	18	TTG	TGA	0	0	
mORF_-_4186122	4186122	4186196	-	4	75	ATG	TAA	0	0	
mORF_-_4186344	4186344	4186427	-	4	84	TTG	TAG	0	0	
mORF_-_4186354	4186354	4186359	-	5	6	TTG	TAG	0	0	
mORF_-_4186366	4186366	4186509	-	5	144	ATG	TAA	0	0	
mORF_-_4186509	4186509	4186604	-	4	96	GTG	TAA	0	0	
mORF_-_4186693	4186693	4186905	-	5	213	GTG	TGA	0	0	
mORF_-_4186773	4186773	4186835	-	4	63	TTG	TGA	0	0	

mORF_-_4186954	4186954	4187031	-	5	78	ATG	TGA	0	0	
mORF_-_4187065	4187065	4187130	-	5	66	ATG	TAA	0	0	
mORF_-_4187146	4187146	4187262	-	5	117	TTG	TGA	0	0	
mORF_-_4187226	4187226	4187273	-	4	48	TTG	TGA	0	0	
mORF_-_4187275	4187275	4187391	-	5	117	TTG	TAA	0	0	
mORF_-_4187298	4187298	4187318	-	4	21	TTG	TGA	0	0	
mORF_-_4187328	4187328	4187342	-	4	15	ATG	TGA	0	0	
mORF_-_4187424	4187424	4187540	-	4	117	ATG	TAA	0	0	
mORF_-_4187458	4187458	4187610	-	5	153	TTG	TAA	0	0	
mORF_-_4187642	4187642	4187710	-	6	69	TTG	TAA	0	0	
mORF_-_4187655	4187655	4187669	-	4	15	ATG	TAA	0	0	
mORF_-_4187722	4187722	4187847	-	5	126	ATG	TAG	0	0	
mORF_-_4187777	4187777	4187875	-	6	99	ATG	TAG	0	0	
mORF_-_4187872	4187872	4187913	-	5	42	ATG	TGA	0	0	
mORF_-_4187910	4187910	4187921	-	4	12	TTG	TGA	0	0	
mORF_-_4187929	4187929	4188009	-	5	81	TTG	TAA	0	0	
mORF_-_4187961	4187961	4187972	-	4	12	GTG	TGA	0	0	
mORF_-_4187969	4187969	4187974	-	6	6	TTG	TGA	0	0	
mORF_-_4188013	4188013	4188057	-	5	45	GTG	TAA	0	0	
mORF_-_4188029	4188029	4188079	-	6	51	GTG	TAG	0	0	
mORF_-_4188060	4188060	4188116	-	4	57	TTG	TAA	0	0	
mORF_-_4188067	4188067	4188081	-	5	15	GTG	TAA	0	0	
mORF_-_4188082	4188082	4188126	-	5	45	ATG	TAA	0	0	
mORF_-_4188119	4188119	4188184	-	6	66	ATG	TAA	0	0	
mORF_-_4188163	4188163	4188237	-	5	75	ATG	TAA	0	0	
mORF_-_4188249	4188249	4188299	-	4	51	ATG	TAA	0	0	
mORF_-_4188293	4188293	4188358	-	6	66	GTG	TGA	0	0	
mORF_-_4188303	4188303	4188308	-	4	6	TTG	TAG	0	0	
mORF_-_4188340	4188340	4188351	-	5	12	TTG	TGA	0	0	
mORF_-_4188396	4188396	4188407	-	4	12	ATG	TGA	0	0	
mORF_-_4188407	4188407	4188496	-	6	90	ATG	TAA	0	0	
mORF_-_4188465	4188465	4188521	-	4	57	ATG	TGA	0	0	
mORF_-_4188532	4188532	4188567	-	5	36	TTG	TAA	0	0	
mORF_-_4188540	4188540	4188545	-	4	6	TTG	TAA	0	0	
mORF_-_4188546	4188546	4188560	-	4	15	ATG	TGA	0	0	
mORF_-_4188557	4188557	4188592	-	6	36	ATG	TGA	0	0	
mORF_-_4188592	4188592	4188684	-	5	93	GTG	TAA	0	0	
mORF_-_4188603	4188603	4188713	-	4	111	ATG	TAA	0	0	
mORF_-_4188738	4188738	4188806	-	4	69	ATG	TAA	0	0	
mORF_-_4188746	4188746	4188751	-	6	6	ATG	TAA	0	0	
mORF_-_4188758	4188758	4189891	-	6	1134	ATG	TGA	4	10	pORF_-_4188758
mORF_-_4188829	4188829	4189023	-	5	195	TTG	TAA	0	0	
mORF_-_4188942	4188942	4188980	-	4	39	GTG	TAA	0	0	
mORF_-_4189051	4189051	4189215	-	5	165	TTG	TAG	0	0	
mORF_-_4189083	4189083	4189160	-	4	78	ATG	TGA	0	0	
mORF_-_4189231	4189231	4189251	-	5	21	GTG	TAG	0	0	
mORF_-_4189306	4189306	4189323	-	5	18	ATG	TGA	0	0	
mORF_-_4189357	4189357	4189374	-	5	18	TTG	TGA	0	0	
mORF_-_4189381	4189381	4189503	-	5	123	GTG	TAA	0	0	
mORF_-_4189510	4189510	4189575	-	5	66	ATG	TAG	0	0	
mORF_-_4189603	4189603	4189686	-	5	84	TTG	TGA	0	0	
mORF_-_4189632	4189632	4189640	-	4	9	TTG	TAA	0	0	
mORF_-_4189699	4189699	4189740	-	5	42	GTG	TGA	0	0	
mORF_-_4189765	4189765	4189794	-	5	30	ATG	TGA	0	0	
mORF_-_4189888	4189888	4190916	-	5	1029	GTG	TGA	39	470	pORF_-_4189888
mORF_-_4189914	4189914	4189937	-	4	24	TTG	TGA	0	0	
mORF_-_4189986	4189986	4190039	-	4	54	TTG	TAG	0	0	
mORF_-_4190052	4190052	4190195	-	4	144	TTG	TAG	0	0	
mORF_-_4190214	4190214	4190288	-	4	75	TTG	TGA	0	0	
mORF_-_4190246	4190246	4190251	-	6	6	GTG	TAA	0	0	
mORF_-_4190391	4190391	4190402	-	4	12	GTG	TAG	0	0	
mORF_-_4190469	4190469	4190528	-	4	60	GTG	TGA	0	0	
mORF_-_4190583	4190583	4190726	-	4	144	GTG	TGA	0	0	

mORF_-_4190660	4190660	4190887	-	6	228	GTG	TGA	1	3	pORF_-_4190660
mORF_-_4190751	4190751	4190828	-	4	78	GTG	TAA	0	0	
mORF_-_4190844	4190844	4191692	-	4	849	GTG	TAA	20	319	pORF_-_4190844
mORF_-_4190972	4190972	4191031	-	6	60	TTG	TAA	0	0	
mORF_-_4191070	4191070	4191096	-	5	27	GTG	TAA	0	0	
mORF_-_4191125	4191125	4191259	-	6	135	ATG	TGA	0	0	
mORF_-_4191263	4191263	4191274	-	6	12	GTG	TAA	0	0	
mORF_-_4191404	4191404	4191424	-	6	21	ATG	TAA	0	0	
mORF_-_4191503	4191503	4191595	-	6	93	ATG	TGA	0	0	
mORF_-_4191592	4191592	4192230	-	5	639	GTG	TGA	26	621	pORF_-_4191592
mORF_-_4191702	4191702	4192139	-	4	438	ATG	TGA	0	0	
mORF_-_4192091	4192091	4192159	-	6	69	GTG	TGA	0	0	
mORF_-_4192214	4192214	4192330	-	6	117	GTG	TGA	0	0	
mORF_-_4192227	4192227	4194122	-	4	1896	ATG	TGA	82	860	pORF_-_4192227
mORF_-_4192327	4192327	4192383	-	5	57	TTG	TGA	0	0	
mORF_-_4192349	4192349	4192597	-	6	249	ATG	TGA	0	0	
mORF_-_4192634	4192634	4192669	-	6	36	TTG	TAA	0	0	
mORF_-_4192670	4192670	4192717	-	6	48	TTG	TGA	0	0	
mORF_-_4192796	4192796	4192828	-	6	33	TTG	TGA	0	0	
mORF_-_4192832	4192832	4192858	-	6	27	TTG	TGA	0	0	
mORF_-_4192865	4192865	4192984	-	6	120	GTG	TGA	0	0	
mORF_-_4192981	4192981	4193040	-	5	60	ATG	TGA	0	0	
mORF_-_4193093	4193093	4193146	-	6	54	GTG	TGA	0	0	
mORF_-_4193266	4193266	4193352	-	5	87	ATG	TAA	0	0	
mORF_-_4193420	4193420	4193440	-	6	21	TTG	TAA	0	0	
mORF_-_4193444	4193444	4193554	-	6	111	TTG	TGA	0	0	
mORF_-_4193558	4193558	4193686	-	6	129	GTG	TGA	0	0	
mORF_-_4193714	4193714	4193956	-	6	243	TTG	TAA	0	0	
mORF_-_4193767	4193767	4193826	-	5	60	GTG	TAA	0	0	
mORF_-_4193957	4193957	4193983	-	6	27	GTG	TAA	0	0	
mORF_-_4193980	4193980	4194129	-	5	150	ATG	TGA	0	0	
mORF_-_4194126	4194126	4194134	-	4	9	TTG	TGA	0	0	
mORF_-_4194139	4194139	4194297	-	5	159	TTG	TAA	0	0	
mORF_-_4194281	4194281	4194289	-	6	9	GTG	TAA	0	0	
mORF_-_4194302	4194302	4194358	-	6	57	TTG	TAA	0	0	
mORF_-_4194333	4194333	4194386	-	4	54	TTG	TAA	0	0	
mORF_-_4194355	4194355	4194831	-	5	477	ATG	TGA	5	88	pORF_-_4194355
mORF_-_4194399	4194399	4194671	-	4	273	TTG	TGA	0	0	
mORF_-_4194479	4194479	4194556	-	6	78	TTG	TGA	0	0	
mORF_-_4194611	4194611	4194661	-	6	51	TTG	TGA	0	0	
mORF_-_4194690	4194690	4194776	-	4	87	TTG	TGA	0	0	
mORF_-_4194807	4194807	4194920	-	4	114	TTG	TGA	0	0	
mORF_-_4194889	4194889	4194909	-	5	21	TTG	TAA	0	0	
mORF_-_4194947	4194947	4194982	-	6	36	TTG	TAA	0	0	
mORF_-_4194969	4194969	4195055	-	4	87	GTG	TGA	0	0	
mORF_-_4195055	4195055	4195060	-	6	6	TTG	TAG	0	0	
mORF_-_4195091	4195091	4195387	-	6	297	ATG	TAA	0	0	
mORF_-_4195132	4195132	4195140	-	5	9	ATG	TGA	0	0	
mORF_-_4195222	4195222	4195251	-	5	30	TTG	TAA	0	0	
mORF_-_4195294	4195294	4195329	-	5	36	ATG	TAG	0	0	
mORF_-_4195516	4195516	4195563	-	5	48	ATG	TGA	0	0	
mORF_-_4195606	4195606	4195707	-	5	102	GTG	TAG	0	0	
mORF_-_4195622	4195622	4195723	-	6	102	GTG	TAA	0	0	
mORF_-_4195723	4195723	4195737	-	5	15	TTG	TAG	0	0	
mORF_-_4195762	4195762	4195800	-	5	39	GTG	TAA	0	0	
mORF_-_4195831	4195831	4195890	-	5	60	TTG	TAG	0	0	
mORF_-_4195835	4195835	4195924	-	6	90	TTG	TAG	0	0	
mORF_-_4195936	4195936	4195977	-	5	42	GTG	TAG	0	0	
mORF_-_4195997	4195997	4196422	-	6	426	ATG	TAA	0	0	
mORF_-_4196005	4196005	4196055	-	5	51	TTG	TAG	0	0	
mORF_-_4196046	4196046	4196078	-	4	33	TTG	TGA	0	0	
mORF_-_4196104	4196104	4196130	-	5	27	ATG	TAA	0	0	
mORF_-_4196197	4196197	4196307	-	5	111	GTG	TAG	0	0	

mORF_-_4196341	4196341	4196364	-	5	24	GTG	TGA	0	0	
mORF_-_4196413	4196413	4196649	-	5	237	ATG	TAA	0	0	
mORF_-_4196438	4196438	4196797	-	6	360	GTG	TAA	0	0	
mORF_-_4196481	4196481	4196555	-	4	75	TTG	TAA	0	0	
mORF_-_4196716	4196716	4196724	-	5	9	ATG	TGA	0	0	
mORF_-_4196811	4196811	4197266	-	4	456	GTG	TAA	2	26	pORF_-_4196811
mORF_-_4196828	4196828	4197097	-	6	270	TTG	TAA	0	0	
mORF_-_4196836	4196836	4197024	-	5	189	ATG	TGA	0	0	
mORF_-_4197028	4197028	4197033	-	5	6	ATG	TAA	0	0	
mORF_-_4197107	4197107	4197166	-	6	60	ATG	TAA	0	0	
mORF_-_4197124	4197124	4197390	-	5	267	ATG	TGA	0	0	
mORF_-_4197173	4197173	4197382	-	6	210	TTG	TAA	0	0	
mORF_-_4197351	4197351	4197473	-	4	123	TTG	TGA	0	0	
mORF_-_4197481	4197481	4197528	-	5	48	ATG	TAG	0	0	
mORF_-_4197522	4197522	4197542	-	4	21	TTG	TGA	0	0	
mORF_-_4197530	4197530	4197580	-	6	51	ATG	TAA	0	0	
mORF_-_4197544	4197544	4197621	-	5	78	TTG	TGA	0	0	
mORF_-_4197599	4197599	4197739	-	6	141	TTG	TAA	0	0	
mORF_-_4197622	4197622	4197630	-	5	9	ATG	TAA	0	0	
mORF_-_4197667	4197667	4197690	-	5	24	ATG	TAA	0	0	
mORF_-_4197708	4197708	4197806	-	4	99	TTG	TAA	0	0	
mORF_-_4197796	4197796	4197900	-	5	105	GTG	TAA	0	0	
mORF_-_4197824	4197824	4197982	-	6	159	TTG	TAA	0	0	
mORF_-_4197925	4197925	4197993	-	5	69	ATG	TGA	0	0	
mORF_-_4197994	4197994	4198092	-	5	99	TTG	TGA	0	0	
mORF_-_4198016	4198016	4198465	-	6	450	GTG	TAA	0	0	
mORF_-_4198134	4198134	4198289	-	4	156	ATG	TAA	0	0	
mORF_-_4198186	4198186	4198191	-	5	6	ATG	TAG	0	0	
mORF_-_4198240	4198240	4198251	-	5	12	ATG	TAG	0	0	
mORF_-_4198270	4198270	4198311	-	5	42	TTG	TAA	0	0	
mORF_-_4198315	4198315	4198674	-	5	360	GTG	TGA	0	0	
mORF_-_4198365	4198365	4198397	-	4	33	TTG	TAG	0	0	
mORF_-_4198524	4198524	4198556	-	4	33	GTG	TAG	0	0	
mORF_-_4198599	4198599	4198646	-	4	48	ATG	TAA	0	0	
mORF_-_4198643	4198643	4198687	-	6	45	ATG	TGA	0	0	
mORF_-_4198671	4198671	4198697	-	4	27	GTG	TGA	0	0	
mORF_-_4198684	4198684	4198872	-	5	189	TTG	TGA	0	0	
mORF_-_4198694	4198694	4198984	-	6	291	TTG	TGA	0	0	
mORF_-_4198876	4198876	4198884	-	5	9	TTG	TAA	0	0	
mORF_-_4199036	4199036	4199113	-	6	78	TTG	TAA	0	0	
mORF_-_4199041	4199041	4199268	-	5	228	TTG	TGA	0	0	
mORF_-_4199129	4199129	4199224	-	6	96	TTG	TAA	0	0	
mORF_-_4199187	4199187	4199240	-	4	54	TTG	TGA	0	0	
mORF_-_4199231	4199231	4199320	-	6	90	GTG	TAA	2	6	pORF_-_4199231
mORF_-_4199286	4199286	4199852	-	4	567	ATG	TAA	0	0	
mORF_-_4199393	4199393	4199407	-	6	15	ATG	TGA	0	0	
mORF_-_4199480	4199480	4199500	-	6	21	ATG	TAG	0	0	
mORF_-_4199510	4199510	4199554	-	6	45	ATG	TGA	0	0	
mORF_-_4199554	4199554	4199616	-	5	63	GTG	TAA	0	0	
mORF_-_4199591	4199591	4199638	-	6	48	TTG	TGA	0	0	
mORF_-_4199681	4199681	4199692	-	6	12	TTG	TAA	0	0	
mORF_-_4199714	4199714	4199842	-	6	129	ATG	TAA	0	0	
mORF_-_4199734	4199734	4199763	-	5	30	TTG	TAA	0	0	
mORF_-_4199849	4199849	4200016	-	6	168	ATG	TGA	0	0	
mORF_-_4199872	4199872	4199940	-	5	69	TTG	TAA	0	0	
mORF_-_4199919	4199919	4199963	-	4	45	TTG	TGA	0	0	
mORF_-_4200013	4200013	4200093	-	5	81	ATG	TGA	0	0	
mORF_-_4200059	4200059	4200253	-	6	195	ATG	TAA	0	0	
mORF_-_4200093	4200093	4200263	-	4	171	ATG	TAA	0	0	
mORF_-_4200367	4200367	4200480	-	5	114	GTG	TAG	0	0	
mORF_-_4200386	4200386	4200547	-	6	162	TTG	TAG	0	0	
mORF_-_4200408	4200408	4200482	-	4	75	TTG	TGA	0	0	
mORF_-_4200493	4200493	4200525	-	5	33	TTG	TAA	0	0	

mORF_-_4200556	4200556	4200726	-	5	171	GTG	TAA	0	0	
mORF_-_4200620	4200620	4200664	-	6	45	TTG	TAG	0	0	
mORF_-_4200642	4200642	4200794	-	4	153	TTG	TAG	0	0	
mORF_-_4200791	4200791	4200904	-	6	114	GTG	TGA	0	0	
mORF_-_4200828	4200828	4200917	-	4	90	GTG	TAA	0	0	
mORF_-_4200862	4200862	4200870	-	5	9	TTG	TAA	0	0	
mORF_-_4200910	4200910	4200945	-	5	36	TTG	TAA	0	0	
mORF_-_4200935	4200935	4200985	-	6	51	GTG	TGA	0	0	
mORF_-_4200970	4200970	4200987	-	5	18	ATG	TAA	0	0	
mORF_-_4200987	4200987	4201250	-	4	264	GTG	TAA	0	0	
mORF_-_4201040	4201040	4201048	-	6	9	TTG	TAG	0	0	
mORF_-_4201157	4201157	4201207	-	6	51	GTG	TGA	0	0	
mORF_-_4201192	4201192	4201293	-	5	102	TTG	TAG	0	0	
mORF_-_4201262	4201262	4201393	-	6	132	GTG	TGA	0	0	
mORF_-_4201290	4201290	4201340	-	4	51	TTG	TGA	0	0	
mORF_-_4201321	4201321	4201398	-	5	78	GTG	TAA	0	0	
mORF_-_4201429	4201429	4201557	-	5	129	TTG	TAG	0	0	
mORF_-_4201554	4201554	4201574	-	4	21	TTG	TGA	0	0	
mORF_-_4201587	4201587	4201628	-	4	42	GTG	TAA	0	0	
mORF_-_4201648	4201648	4201860	-	5	213	GTG	TAA	0	0	
mORF_-_4201656	4201656	4201736	-	4	81	GTG	TGA	0	0	
mORF_-_4201679	4201679	4202527	-	6	849	TTG	TAG	0	0	
mORF_-_4201797	4201797	4201904	-	4	108	GTG	TGA	0	0	
mORF_-_4201888	4201888	4201947	-	5	60	TTG	TGA	0	0	
mORF_-_4201929	4201929	4201943	-	4	15	GTG	TGA	0	0	
mORF_-_4201978	4201978	4202049	-	5	72	GTG	TGA	0	0	
mORF_-_4202128	4202128	4202145	-	5	18	TTG	TGA	0	0	
mORF_-_4202151	4202151	4202273	-	4	123	ATG	TAA	0	0	
mORF_-_4202239	4202239	4202349	-	5	111	TTG	TAG	0	0	
mORF_-_4202539	4202539	4202604	-	5	66	TTG	TGA	0	0	
mORF_-_4202620	4202620	4202640	-	5	21	TTG	TGA	0	0	
mORF_-_4202631	4202631	4202654	-	4	24	TTG	TGA	0	0	
mORF_-_4202645	4202645	4202800	-	6	156	GTG	TAG	0	0	
mORF_-_4202665	4202665	4203954	-	5	1290	ATG	TAA	63	757	pORF_-_4202665
mORF_-_4202742	4202742	4202750	-	4	9	ATG	TAA	0	0	
mORF_-_4202823	4202823	4202837	-	4	15	ATG	TAG	0	0	
mORF_-_4202904	4202904	4202939	-	4	36	GTG	TGA	0	0	
mORF_-_4202949	4202949	4203032	-	4	84	TTG	TGA	0	0	
mORF_-_4202972	4202972	4202980	-	6	9	GTG	TGA	0	0	
mORF_-_4203045	4203045	4203101	-	4	57	TTG	TGA	0	0	
mORF_-_4203186	4203186	4203233	-	4	48	ATG	TGA	0	0	
mORF_-_4203300	4203300	4203341	-	4	42	ATG	TAG	0	0	
mORF_-_4203357	4203357	4203425	-	4	69	TTG	TGA	0	0	
mORF_-_4203477	4203477	4203548	-	4	72	GTG	TGA	0	0	
mORF_-_4203570	4203570	4203665	-	4	96	GTG	TAG	0	0	
mORF_-_4203753	4203753	4203761	-	4	9	TTG	TGA	0	0	
mORF_-_4203804	4203804	4203938	-	4	135	TTG	TGA	0	0	
mORF_-_4203932	4203932	4204030	-	6	99	TTG	TAA	0	0	
mORF_-_4203955	4203955	4203966	-	5	12	ATG	TAG	0	0	
mORF_-_4203966	4203966	4205555	-	4	1590	ATG	TAA	139	3112	pORF_-_4203966
mORF_-_4204031	4204031	4204045	-	6	15	GTG	TGA	0	0	
mORF_-_4204076	4204076	4204102	-	6	27	TTG	TGA	0	0	
mORF_-_4204151	4204151	4204168	-	6	18	ATG	TGA	0	0	
mORF_-_4204211	4204211	4204228	-	6	18	TTG	TGA	0	0	
mORF_-_4204238	4204238	4204255	-	6	18	ATG	TGA	0	0	
mORF_-_4204274	4204274	4204312	-	6	39	GTG	TGA	0	0	
mORF_-_4204343	4204343	4204384	-	6	42	GTG	TGA	0	0	
mORF_-_4204381	4204381	4204449	-	5	69	GTG	TGA	0	0	
mORF_-_4204409	4204409	4204438	-	6	30	GTG	TGA	0	0	
mORF_-_4204496	4204496	4204525	-	6	30	TTG	TGA	0	0	
mORF_-_4204529	4204529	4204654	-	6	126	TTG	TGA	0	0	
mORF_-_4204651	4204651	4204737	-	5	87	GTG	TGA	0	0	
mORF_-_4204697	4204697	4204702	-	6	6	TTG	TGA	0	0	

mORF_-_4204703	4204703	4204708	-	6	6	GTG	TGA	0	0
mORF_-_4204730	4204730	4204810	-	6	81	TTG	TGA	0	0
mORF_-_4204823	4204823	4204828	-	6	6	ATG	TGA	0	0
mORF_-_4204907	4204907	4204987	-	6	81	TTG	TGA	0	0
mORF_-_4204988	4204988	4205050	-	6	63	TTG	TGA	0	0
mORF_-_4205054	4205054	4205098	-	6	45	ATG	TGA	0	0
mORF_-_4205111	4205111	4205329	-	6	219	ATG	TGA	0	0
mORF_-_4205185	4205185	4205208	-	5	24	TTG	TGA	0	0
mORF_-_4205351	4205351	4205362	-	6	12	ATG	TGA	0	0
mORF_-_4205423	4205423	4205518	-	6	96	GTG	TAG	0	0
mORF_-_4205509	4205509	4205658	-	5	150	ATG	TGA	0	0
mORF_-_4205628	4205628	4205831	-	4	204	ATG	TAG	0	0
mORF_-_4205642	4205642	4205704	-	6	63	TTG	TAA	0	0
mORF_-_4205711	4205711	4205716	-	6	6	TTG	TGA	0	0
mORF_-_4205752	4205752	4205757	-	5	6	ATG	TAA	0	0
mORF_-_4205824	4205824	4205841	-	5	18	TTG	TGA	0	0
mORF_-_4205828	4205828	4205893	-	6	66	GTG	TGA	0	0
mORF_-_4205871	4205871	4205918	-	4	48	TTG	TAG	0	0
mORF_-_4205906	4205906	4205914	-	6	9	GTG	TGA	0	0
mORF_-_4205911	4205911	4206024	-	5	114	TTG	TGA	0	0
mORF_-_4206009	4206009	4206110	-	4	102	TTG	TAG	0	0
mORF_-_4206043	4206043	4206117	-	5	75	TTG	TGA	0	0
mORF_-_4206080	4206080	4206229	-	6	150	TTG	TAA	0	0
mORF_-_4206160	4206160	4206189	-	5	30	ATG	TGA	0	0
mORF_-_4206186	4206186	4206365	-	4	180	TTG	TGA	0	0
mORF_-_4206217	4206217	4206225	-	5	9	ATG	TAG	0	0
mORF_-_4206322	4206322	4206483	-	5	162	GTG	TAG	0	0
mORF_-_4206338	4206338	4206349	-	6	12	ATG	TAG	0	0
mORF_-_4206417	4206417	4206440	-	4	24	GTG	TAG	0	0
mORF_-_4206441	4206441	4206485	-	4	45	GTG	TAG	0	0
mORF_-_4206455	4206455	4206541	-	6	87	GTG	TAG	0	0
mORF_-_4206511	4206511	4206672	-	5	162	GTG	TAG	0	0
mORF_-_4206654	4206654	4206716	-	4	63	TTG	TAA	0	0
mORF_-_4206720	4206720	4206749	-	4	30	GTG	TAA	0	0
mORF_-_4206762	4206762	4206950	-	4	189	TTG	TAA	0	0
mORF_-_4206788	4206788	4206805	-	6	18	ATG	TGA	0	0
mORF_-_4206957	4206957	4207070	-	4	114	TTG	TAA	0	0
mORF_-_4207039	4207039	4207119	-	5	81	ATG	TAA	0	0
mORF_-_4207073	4207073	4207225	-	6	153	ATG	TAA	0	0
mORF_-_4207125	4207125	4207166	-	4	42	ATG	TAA	0	0
mORF_-_4207150	4207150	4207170	-	5	21	GTG	TAA	0	0
mORF_-_4207179	4207179	4207280	-	4	102	TTG	TGA	0	0
mORF_-_4207234	4207234	4207320	-	5	87	TTG	TGA	0	0
mORF_-_4207259	4207259	4207399	-	6	141	GTG	TAA	0	0
mORF_-_4207363	4207363	4207488	-	5	126	TTG	TGA	0	0
mORF_-_4207392	4207392	4207397	-	4	6	GTG	TAG	0	0
mORF_-_4207403	4207403	4207444	-	6	42	TTG	TAG	0	0
mORF_-_4207452	4207452	4207499	-	4	48	ATG	TGA	0	0
mORF_-_4207513	4207513	4207704	-	5	192	GTG	TAG	0	0
mORF_-_4207527	4207527	4207568	-	4	42	GTG	TGA	0	0
mORF_-_4207575	4207575	4207598	-	4	24	TTG	TGA	0	0
mORF_-_4207613	4207613	4207672	-	6	60	TTG	TAA	0	0
mORF_-_4207701	4207701	4207835	-	4	135	GTG	TGA	0	0
mORF_-_4207709	4207709	4207771	-	6	63	TTG	TAA	0	0
mORF_-_4207738	4207738	4207824	-	5	87	GTG	TGA	0	0
mORF_-_4207832	4207832	4207873	-	6	42	GTG	TGA	0	0
mORF_-_4207860	4207860	4207922	-	4	63	ATG	TAG	0	0
mORF_-_4207904	4207904	4207915	-	6	12	TTG	TAA	0	0
mORF_-_4207912	4207912	4207992	-	5	81	TTG	TGA	0	0
mORF_-_4207952	4207952	4208017	-	6	66	TTG	TAA	0	0
mORF_-_4207965	4207965	4208030	-	4	66	GTG	TGA	0	0
mORF_-_4208014	4208014	4208052	-	5	39	ATG	TGA	0	0
mORF_-_4208076	4208076	4208231	-	4	156	ATG	TAG	0	0

mORF_-_4208126	4208126	4208218	-	6	93	ATG	TAG	0	0
mORF_-_4208218	4208218	4208265	-	5	48	ATG	TAA	0	0
mORF_-_4208266	4208266	4208481	-	5	216	ATG	TAG	0	0
mORF_-_4208289	4208289	4208594	-	4	306	TTG	TGA	0	0
mORF_-_4208357	4208357	4208488	-	6	132	TTG	TAA	0	0
mORF_-_4208491	4208491	4208607	-	5	117	GTG	TAG	0	0
mORF_-_4208645	4208645	4208668	-	6	24	TTG	TGA	0	0
mORF_-_4208706	4208706	4208759	-	4	54	ATG	TAA	0	0
mORF_-_4208752	4208752	4208952	-	5	201	ATG	TAG	0	0
mORF_-_4208805	4208805	4208858	-	4	54	TTG	TAG	0	0
mORF_-_4208819	4208819	4208854	-	6	36	TTG	TAA	0	0
mORF_-_4208892	4208892	4208915	-	4	24	ATG	TAA	0	0
mORF_-_4208912	4208912	4208965	-	6	54	TTG	TGA	0	0
mORF_-_4208949	4208949	4209011	-	4	63	GTG	TGA	0	0
mORF_-_4208999	4208999	4209049	-	6	51	TTG	TGA	0	0
mORF_-_4209063	4209063	4209146	-	4	84	ATG	TAG	0	0
mORF_-_4209143	4209143	4209373	-	6	231	TTG	TGA	0	0
mORF_-_4209147	4209147	4209296	-	4	150	ATG	TAA	0	0
mORF_-_4209205	4209205	4209213	-	5	9	ATG	TAG	0	0
mORF_-_4209307	4209307	4209387	-	5	81	TTG	TGA	0	0
mORF_-_4209390	4209390	4209617	-	4	228	TTG	TAA	0	0
mORF_-_4209476	4209476	4209649	-	6	174	ATG	TAA	0	0
mORF_-_4209642	4209642	4209674	-	4	33	TTG	TAG	0	0
mORF_-_4209649	4209649	4209867	-	5	219	TTG	TGA	0	0
mORF_-_4209659	4209659	4209682	-	6	24	GTG	TGA	0	0
mORF_-_4209689	4209689	4209742	-	6	54	TTG	TGA	0	0
mORF_-_4209812	4209812	4209871	-	6	60	GTG	TGA	0	0
mORF_-_4209846	4209846	4209860	-	4	15	GTG	TAA	0	0
mORF_-_4209929	4209929	4210156	-	6	228	GTG	TAA	0	0
mORF_-_4209979	4209979	4210032	-	5	54	GTG	TAG	0	0
mORF_-_4209990	4209990	4210064	-	4	75	GTG	TAG	0	0
mORF_-_4210072	4210072	4210242	-	5	171	GTG	TGA	0	0
mORF_-_4210143	4210143	4210220	-	4	78	ATG	TAG	0	0
mORF_-_4210261	4210261	4210350	-	5	90	GTG	TAG	0	0
mORF_-_4210360	4210360	4210563	-	5	204	GTG	TAG	0	0
mORF_-_4210385	4210385	4210582	-	6	198	GTG	TAA	0	0
mORF_-_4210449	4210449	4210484	-	4	36	ATG	TGA	0	0
mORF_-_4210539	4210539	4210607	-	4	69	TTG	TGA	0	0
mORF_-_4210579	4210579	4210626	-	5	48	ATG	TGA	0	0
mORF_-_4210677	4210677	4210766	-	4	90	ATG	TAG	0	0
mORF_-_4210717	4210717	4210827	-	5	111	GTG	TAG	0	0
mORF_-_4210763	4210763	4210819	-	6	57	ATG	TGA	0	0
mORF_-_4210968	4210968	4211102	-	4	135	ATG	TAA	0	0
mORF_-_4211024	4211024	4211206	-	6	183	ATG	TAA	0	0
mORF_-_4211110	4211110	4211157	-	5	48	ATG	TGA	0	0
mORF_-_4211182	4211182	4211241	-	5	60	ATG	TGA	0	0
mORF_-_4211187	4211187	4211231	-	4	45	TTG	TAA	0	0
mORF_-_4211232	4211232	4211258	-	4	27	ATG	TAA	0	0
mORF_-_4211260	4211260	4211292	-	5	33	TTG	TGA	0	0
mORF_-_4211289	4211289	4211618	-	4	330	ATG	TGA	0	0
mORF_-_4211345	4211345	4211551	-	6	207	TTG	TGA	0	0
mORF_-_4211362	4211362	4211421	-	5	60	GTG	TAA	0	0
mORF_-_4211428	4211428	4211439	-	5	12	ATG	TGA	0	0
mORF_-_4211506	4211506	4211532	-	5	27	ATG	TGA	0	0
mORF_-_4211554	4211554	4211589	-	5	36	TTG	TAA	0	0
mORF_-_4211590	4211590	4211652	-	5	63	ATG	TGA	0	0
mORF_-_4211615	4211615	4211623	-	6	9	TTG	TGA	0	0
mORF_-_4211675	4211675	4211716	-	6	42	ATG	TGA	0	0
mORF_-_4211703	4211703	4212146	-	4	444	ATG	TAG	0	0
mORF_-_4211726	4211726	4211827	-	6	102	ATG	TGA	0	0
mORF_-_4211840	4211840	4211866	-	6	27	ATG	TGA	0	0
mORF_-_4211885	4211885	4211941	-	6	57	GTG	TAG	0	0
mORF_-_4211942	4211942	4211977	-	6	36	ATG	TAA	0	0

mORF_-_4211977	4211977	4212090	-	5	114	TTG	TAA	0	0
mORF_-_4212020	4212020	4212118	-	6	99	ATG	TAG	0	0
mORF_-_4212136	4212136	4212165	-	5	30	ATG	TAG	0	0
mORF_-_4212168	4212168	4212215	-	4	48	ATG	TAA	0	0
mORF_-_4212175	4212175	4212234	-	5	60	TTG	TAG	0	0
mORF_-_4212296	4212296	4212340	-	6	45	TTG	TGA	0	0
mORF_-_4212337	4212337	4212408	-	5	72	GTG	TGA	0	0
mORF_-_4212424	4212424	4212486	-	5	63	GTG	TAA	0	0
mORF_-_4212483	4212483	4212830	-	4	348	ATG	TGA	0	0
mORF_-_4212503	4212503	4212562	-	6	60	TTG	TGA	0	0
mORF_-_4212659	4212659	4212676	-	6	18	TTG	TAA	0	0
mORF_-_4212701	4212701	4212751	-	6	51	TTG	TGA	0	0
mORF_-_4212758	4212758	4212784	-	6	27	GTG	TAG	0	0
mORF_-_4212769	4212769	4213119	-	5	351	GTG	TAG	0	0
mORF_-_4212858	4212858	4213025	-	4	168	TTG	TGA	0	0
mORF_-_4212914	4212914	4212988	-	6	75	ATG	TAA	0	0
mORF_-_4213065	4213065	4213142	-	4	78	GTG	TAG	0	0
mORF_-_4213088	4213088	4213102	-	6	15	TTG	TAG	0	0
mORF_-_4213139	4213139	4213171	-	6	33	TTG	TGA	0	0
mORF_-_4213181	4213181	4213213	-	6	33	ATG	TAG	0	0
mORF_-_4213189	4213189	4213221	-	5	33	TTG	TGA	0	0
mORF_-_4213203	4213203	4213268	-	4	66	GTG	TAG	0	0
mORF_-_4213262	4213262	4213282	-	6	21	GTG	TGA	0	0
mORF_-_4213270	4213270	4213341	-	5	72	ATG	TAA	0	0
mORF_-_4213338	4213338	4213355	-	4	18	TTG	TGA	0	0
mORF_-_4213349	4213349	4213363	-	6	15	TTG	TGA	0	0
mORF_-_4213370	4213370	4213522	-	6	153	TTG	TAA	0	0
mORF_-_4213374	4213374	4213403	-	4	30	ATG	TAA	0	0
mORF_-_4213405	4213405	4213668	-	5	264	TTG	TAA	0	0
mORF_-_4213458	4213458	4213655	-	4	198	ATG	TGA	0	0
mORF_-_4213538	4213538	4213543	-	6	6	TTG	TGA	0	0
mORF_-_4213619	4213619	4213627	-	6	9	GTG	TAA	0	0
mORF_-_4213656	4213656	4213931	-	4	276	ATG	TGA	0	0
mORF_-_4213841	4213841	4213870	-	6	30	GTG	TAA	0	0
mORF_-_4213861	4213861	4214304	-	5	444	ATG	TGA	0	0
mORF_-_4213935	4213935	4213955	-	4	21	TTG	TAA	0	0
mORF_-_4213959	4213959	4214033	-	4	75	GTG	TAA	0	0
mORF_-_4214030	4214030	4214113	-	6	84	TTG	TGA	0	0
mORF_-_4214079	4214079	4214093	-	4	15	TTG	TAG	0	0
mORF_-_4214190	4214190	4214231	-	4	42	TTG	TAG	0	0
mORF_-_4214334	4214334	4214339	-	4	6	ATG	TAA	0	0
mORF_-_4214346	4214346	4214354	-	4	9	TTG	TAG	0	0
mORF_-_4214351	4214351	4214437	-	6	87	GTG	TGA	0	0
mORF_-_4214430	4214430	4214573	-	4	144	TTG	TAA	0	0
mORF_-_4214434	4214434	4214895	-	5	462	TTG	TGA	0	0
mORF_-_4214537	4214537	4214626	-	6	90	TTG	TGA	0	0
mORF_-_4214580	4214580	4214591	-	4	12	GTG	TGA	0	0
mORF_-_4214601	4214601	4214645	-	4	45	ATG	TGA	0	0
mORF_-_4214699	4214699	4214722	-	6	24	GTG	TAA	0	0
mORF_-_4214709	4214709	4214807	-	4	99	TTG	TGA	0	0
mORF_-_4214892	4214892	4215047	-	4	156	GTG	TGA	0	0
mORF_-_4214966	4214966	4215025	-	6	60	GTG	TGA	0	0
mORF_-_4215041	4215041	4215133	-	6	93	ATG	TGA	0	0
mORF_-_4215084	4215084	4215152	-	4	69	TTG	TAG	0	0
mORF_-_4215115	4215115	4215147	-	5	33	GTG	TAG	0	0
mORF_-_4215162	4215162	4215182	-	4	21	TTG	TAA	0	0
mORF_-_4215179	4215179	4215262	-	6	84	GTG	TGA	0	0
mORF_-_4215199	4215199	4215210	-	5	12	ATG	TAA	0	0
mORF_-_4215243	4215243	4215683	-	4	441	GTG	TGA	0	0
mORF_-_4215323	4215323	4215331	-	6	9	TTG	TAG	0	0
mORF_-_4215328	4215328	4215345	-	5	18	GTG	TGA	0	0
mORF_-_4215395	4215395	4215445	-	6	51	ATG	TAG	0	0
mORF_-_4215427	4215427	4215474	-	5	48	TTG	TAG	0	0

mORF_-_4215464	4215464	4215511	-	6	48	GTG	TAG	0	0
mORF_-_4215502	4215502	4215747	-	5	246	TTG	TGA	0	0
mORF_-_4215527	4215527	4215550	-	6	24	ATG	TGA	0	0
mORF_-_4215702	4215702	4215722	-	4	21	GTG	TGA	0	0
mORF_-_4215719	4215719	4215733	-	6	15	TTG	TGA	0	0
mORF_-_4215738	4215738	4216328	-	4	591	GTG	TAA	0	0
mORF_-_4215757	4215757	4215810	-	5	54	TTG	TAG	0	0
mORF_-_4215761	4215761	4215856	-	6	96	GTG	TGA	0	0
mORF_-_4215926	4215926	4216066	-	6	141	TTG	TGA	0	0
mORF_-_4215949	4215949	4216038	-	5	90	GTG	TGA	0	0
mORF_-_4216076	4216076	4216123	-	6	48	TTG	TAA	0	0
mORF_-_4216163	4216163	4216216	-	6	54	ATG	TAG	0	0
mORF_-_4216210	4216210	4216230	-	5	21	TTG	TGA	0	0
mORF_-_4216376	4216376	4216417	-	6	42	GTG	TGA	0	0
mORF_-_4216392	4216392	4216487	-	4	96	ATG	TGA	0	0
mORF_-_4216396	4216396	4216446	-	5	51	TTG	TGA	0	0
mORF_-_4216433	4216433	4216585	-	6	153	ATG	TAG	0	0
mORF_-_4216477	4216477	4216536	-	5	60	ATG	TGA	0	0
mORF_-_4216575	4216575	4216592	-	4	18	TTG	TAA	0	0
mORF_-_4216637	4216637	4216834	-	6	198	TTG	TAA	0	0
mORF_-_4216648	4216648	4216656	-	5	9	ATG	TGA	0	0
mORF_-_4216786	4216786	4216821	-	5	36	ATG	TGA	0	0
mORF_-_4216824	4216824	4216850	-	4	27	ATG	TAG	0	0
mORF_-_4216856	4216856	4216873	-	6	18	ATG	TAG	0	0
mORF_-_4216873	4216873	4216878	-	5	6	GTG	TAA	0	0
mORF_-_4216946	4216946	4217059	-	6	114	GTG	TAA	0	0
mORF_-_4216996	4216996	4217022	-	5	27	ATG	TGA	0	0
mORF_-_4217056	4217056	4217136	-	5	81	ATG	TGA	0	0
mORF_-_4217096	4217096	4217197	-	6	102	ATG	TAG	0	0
mORF_-_4217140	4217140	4217181	-	5	42	TTG	TAA	0	0
mORF_-_4217198	4217198	4217299	-	6	102	GTG	TAA	0	0
mORF_-_4217221	4217221	4217361	-	5	141	ATG	TAA	0	0
mORF_-_4217259	4217259	4217282	-	4	24	ATG	TGA	0	0
mORF_-_4217395	4217395	4217499	-	5	105	TTG	TAA	0	0
mORF_-_4217429	4217429	4217494	-	6	66	GTG	TAG	0	0
mORF_-_4217527	4217527	4217634	-	5	108	TTG	TAA	0	0
mORF_-_4217531	4217531	4217770	-	6	240	ATG	TAG	0	0
mORF_-_4217631	4217631	4217783	-	4	153	ATG	TGA	0	0
mORF_-_4217689	4217689	4217733	-	5	45	GTG	TGA	0	0
mORF_-_4217792	4217792	4218178	-	6	387	GTG	TAA	0	0
mORF_-_4217800	4217800	4217823	-	5	24	GTG	TGA	0	0
mORF_-_4217857	4217857	4217886	-	5	30	TTG	TAA	0	0
mORF_-_4217911	4217911	4218015	-	5	105	GTG	TGA	0	0
mORF_-_4218012	4218012	4218260	-	4	249	GTG	TGA	0	0
mORF_-_4218058	4218058	4218087	-	5	30	ATG	TAG	0	0
mORF_-_4218182	4218182	4218226	-	6	45	GTG	TAG	0	0
mORF_-_4218247	4218247	4218273	-	5	27	ATG	TAA	0	0
mORF_-_4218260	4218260	4218412	-	6	153	TTG	TAG	0	0
mORF_-_4218324	4218324	4220510	-	4	2187	ATG	TAA	0	0
mORF_-_4218446	4218446	4218583	-	6	138	TTG	TAA	0	0
mORF_-_4218487	4218487	4218525	-	5	39	TTG	TGA	0	0
mORF_-_4218596	4218596	4218649	-	6	54	ATG	TAG	0	0
mORF_-_4218749	4218749	4218796	-	6	48	TTG	TGA	0	0
mORF_-_4218818	4218818	4218823	-	6	6	TTG	TAG	0	0
mORF_-_4218854	4218854	4218874	-	6	21	TTG	TAG	0	0
mORF_-_4218884	4218884	4218937	-	6	54	ATG	TGA	0	0
mORF_-_4218895	4218895	4218933	-	5	39	TTG	TAG	0	0
mORF_-_4218976	4218976	4218990	-	5	15	ATG	TAA	0	0
mORF_-_4219016	4219016	4219024	-	6	9	TTG	TGA	0	0
mORF_-_4219028	4219028	4219096	-	6	69	GTG	TGA	0	0
mORF_-_4219172	4219172	4219180	-	6	9	ATG	TAA	0	0
mORF_-_4219202	4219202	4219336	-	6	135	ATG	TAG	0	0
mORF_-_4219433	4219433	4219462	-	6	30	TTG	TGA	0	0

mORF_-_4219505	4219505	4219513	-	6	9	ATG	TAA	0	0	
mORF_-_4219562	4219562	4219594	-	6	33	ATG	TAA	0	0	
mORF_-_4219591	4219591	4219602	-	5	12	ATG	TGA	0	0	
mORF_-_4219619	4219619	4219624	-	6	6	ATG	TAG	0	0	
mORF_-_4219697	4219697	4219711	-	6	15	ATG	TAA	0	0	
mORF_-_4219708	4219708	4219737	-	5	30	ATG	TGA	0	0	
mORF_-_4219772	4219772	4219840	-	6	69	TTG	TGA	0	0	
mORF_-_4219856	4219856	4220038	-	6	183	TTG	TAG	0	0	
mORF_-_4219867	4219867	4219887	-	5	21	TTG	TGA	0	0	
mORF_-_4219894	4219894	4219935	-	5	42	ATG	TGA	0	0	
mORF_-_4220020	4220020	4220085	-	5	66	ATG	TAA	0	0	
mORF_-_4220051	4220051	4220092	-	6	42	ATG	TAG	0	0	
mORF_-_4220141	4220141	4220158	-	6	18	TTG	TAA	0	0	
mORF_-_4220189	4220189	4220215	-	6	27	TTG	TAA	0	0	
mORF_-_4220252	4220252	4220338	-	6	87	ATG	TAA	0	0	
mORF_-_4220366	4220366	4220431	-	6	66	GTG	TAA	0	0	
mORF_-_4220432	4220432	4220449	-	6	18	ATG	TGA	0	0	
mORF_-_4220488	4220488	4220523	-	5	36	ATG	TAG	0	0	
mORF_-_4220579	4220579	4220584	-	6	6	TTG	TAA	0	0	
mORF_-_4220585	4220585	4220599	-	6	15	ATG	TAG	0	0	
mORF_-_4220596	4220596	4220616	-	5	21	ATG	TGA	0	0	
mORF_-_4220662	4220662	4220730	-	5	69	ATG	TAA	0	0	
mORF_-_4220730	4220730	4220840	-	4	111	GTG	TAA	0	0	
mORF_-_4220735	4220735	4220749	-	6	15	TTG	TAA	0	0	
mORF_-_4220768	4220768	4220782	-	6	15	GTG	TAA	0	0	
mORF_-_4220827	4220827	4221690	-	5	864	ATG	TGA	3	0	pORF_-_4220827
mORF_-_4220874	4220874	4220888	-	4	15	TTG	TGA	0	0	
mORF_-_4220895	4220895	4221020	-	4	126	TTG	TGA	0	0	
mORF_-_4220963	4220963	4220989	-	6	27	TTG	TGA	0	0	
mORF_-_4221060	4221060	4221101	-	4	42	ATG	TAA	0	0	
mORF_-_4221153	4221153	4221173	-	4	21	GTG	TAG	0	0	
mORF_-_4221194	4221194	4221235	-	6	42	GTG	TAA	0	0	
mORF_-_4221222	4221222	4221278	-	4	57	TTG	TGA	0	0	
mORF_-_4221315	4221315	4221341	-	4	27	TTG	TAA	0	0	
mORF_-_4221345	4221345	4221425	-	4	81	TTG	TAG	0	0	
mORF_-_4221353	4221353	4221871	-	6	519	TTG	TAA	0	0	
mORF_-_4221459	4221459	4221542	-	4	84	TTG	TAA	0	0	
mORF_-_4221558	4221558	4221566	-	4	9	GTG	TGA	0	0	
mORF_-_4221570	4221570	4221608	-	4	39	TTG	TAA	0	0	
mORF_-_4221699	4221699	4221749	-	4	51	TTG	TAA	0	0	
mORF_-_4221703	4221703	4221711	-	5	9	TTG	TAG	0	0	
mORF_-_4221736	4221736	4221756	-	5	21	ATG	TAA	0	0	
mORF_-_4221790	4221790	4221927	-	5	138	ATG	TAA	0	0	
mORF_-_4221819	4221819	4221989	-	4	171	ATG	TAA	0	0	
mORF_-_4221884	4221884	4222054	-	6	171	GTG	TAA	0	0	
mORF_-_4221937	4221937	4222056	-	5	120	TTG	TAA	0	0	
mORF_-_4222060	4222060	4222116	-	5	57	ATG	TAG	0	0	
mORF_-_4222129	4222129	4222215	-	5	87	GTG	TAA	0	0	
mORF_-_4222231	4222231	4222314	-	5	84	GTG	TAG	0	0	
mORF_-_4222287	4222287	4222301	-	4	15	ATG	TGA	0	0	
mORF_-_4222336	4222336	4222533	-	5	198	GTG	TAA	0	0	
mORF_-_4222494	4222494	4222637	-	4	144	GTG	TGA	0	0	
mORF_-_4222543	4222543	4222548	-	5	6	TTG	TAA	0	0	
mORF_-_4222550	4222550	4222561	-	6	12	GTG	TGA	0	0	
mORF_-_4222634	4222634	4222666	-	6	33	GTG	TGA	0	0	
mORF_-_4222651	4222651	4222977	-	5	327	TTG	TAG	0	0	
mORF_-_4222656	4222656	4222727	-	4	72	TTG	TGA	0	0	
mORF_-_4222679	4222679	4222801	-	6	123	ATG	TAG	0	0	
mORF_-_4222761	4222761	4222796	-	4	36	GTG	TGA	0	0	
mORF_-_4222832	4222832	4223017	-	6	186	TTG	TAA	0	0	
mORF_-_4223014	4223014	4223208	-	5	195	ATG	TGA	0	0	
mORF_-_4223142	4223142	4223159	-	4	18	TTG	TAA	0	0	
mORF_-_4223156	4223156	4223653	-	6	498	TTG	TGA	0	0	

mORF_-_4223247	4223247	4223336	-	4	90	GTG	TAA	0	0	
mORF_-_4223275	4223275	4223460	-	5	186	TTG	TAG	1	7	pORF_-_4223275
mORF_-_4223406	4223406	4223438	-	4	33	TTG	TGA	0	0	
mORF_-_4223461	4223461	4223586	-	5	126	ATG	TAG	0	0	
mORF_-_4223605	4223605	4223643	-	5	39	TTG	TAG	0	0	
mORF_-_4223662	4223662	4224024	-	5	363	ATG	TAA	0	0	
mORF_-_4223741	4223741	4224163	-	6	423	TTG	TAA	0	0	
mORF_-_4223907	4223907	4223999	-	4	93	GTG	TAG	0	0	
mORF_-_4224040	4224040	4224171	-	5	132	TTG	TAG	0	0	
mORF_-_4224172	4224172	4224273	-	5	102	GTG	TAG	0	0	
mORF_-_4224319	4224319	4224375	-	5	57	GTG	TGA	0	0	
mORF_-_4224330	4224330	4224557	-	4	228	GTG	TAG	0	0	
mORF_-_4224362	4224362	4224631	-	6	270	GTG	TGA	0	0	
mORF_-_4224397	4224397	4224504	-	5	108	TTG	TAG	0	0	
mORF_-_4224526	4224526	4224564	-	5	39	GTG	TGA	0	0	
mORF_-_4224561	4224561	4224695	-	4	135	GTG	TGA	0	0	
mORF_-_4224610	4224610	4224663	-	5	54	ATG	TAA	0	0	
mORF_-_4224679	4224679	4224882	-	5	204	ATG	TAA	0	0	
mORF_-_4224780	4224780	4224863	-	4	84	TTG	TAA	0	0	
mORF_-_4224809	4224809	4225090	-	6	282	GTG	TAA	0	0	
mORF_-_4224889	4224889	4224921	-	5	33	TTG	TAG	0	0	
mORF_-_4224966	4224966	4225064	-	4	99	GTG	TAG	0	0	
mORF_-_4225018	4225018	4225023	-	5	6	ATG	TAA	0	0	
mORF_-_4225096	4225096	4225110	-	5	15	ATG	TAA	0	0	
mORF_-_4225133	4225133	4225432	-	6	300	TTG	TAA	0	0	
mORF_-_4225189	4225189	4225215	-	5	27	TTG	TAG	0	0	
mORF_-_4225209	4225209	4225259	-	4	51	GTG	TGA	0	0	
mORF_-_4225237	4225237	4225248	-	5	12	ATG	TAG	0	0	
mORF_-_4225264	4225264	4225413	-	5	150	TTG	TAG	0	0	
mORF_-_4225344	4225344	4225376	-	4	33	ATG	TGA	0	0	
mORF_-_4225395	4225395	4225430	-	4	36	GTG	TGA	0	0	
mORF_-_4225456	4225456	4225611	-	5	156	GTG	TAA	0	0	
mORF_-_4225482	4225482	4225508	-	4	27	GTG	TAA	0	0	
mORF_-_4225536	4225536	4225550	-	4	15	GTG	TGA	0	0	
mORF_-_4225557	4225557	4225565	-	4	9	TTG	TAA	0	0	
mORF_-_4225575	4225575	4225661	-	4	87	TTG	TGA	0	0	
mORF_-_4225639	4225639	4225728	-	5	90	ATG	TAA	0	0	
mORF_-_4225683	4225683	4225709	-	4	27	ATG	TGA	0	0	
mORF_-_4225757	4225757	4225810	-	6	54	ATG	TAA	0	0	
mORF_-_4225807	4225807	4225950	-	5	144	ATG	TGA	0	0	
mORF_-_4225914	4225914	4225994	-	4	81	GTG	TAA	0	0	
mORF_-_4225972	4225972	4226217	-	5	246	GTG	TGA	0	0	
mORF_-_4226052	4226052	4226078	-	4	27	GTG	TGA	0	0	
mORF_-_4226091	4226091	4226129	-	4	39	GTG	TAA	0	0	
mORF_-_4226126	4226126	4226140	-	6	15	TTG	TGA	0	0	
mORF_-_4226177	4226177	4226527	-	6	351	ATG	TAG	0	0	
mORF_-_4226214	4226214	4226225	-	4	12	TTG	TGA	0	0	
mORF_-_4226233	4226233	4226301	-	5	69	ATG	TGA	0	0	
mORF_-_4226308	4226308	4226448	-	5	141	TTG	TAG	0	0	
mORF_-_4226400	4226400	4226426	-	4	27	TTG	TAG	0	0	
mORF_-_4226508	4226508	4226564	-	4	57	TTG	TAA	0	0	
mORF_-_4226555	4226555	4226590	-	6	36	GTG	TGA	0	0	
mORF_-_4226596	4226596	4226877	-	5	282	TTG	TAG	0	0	
mORF_-_4226619	4226619	4226648	-	4	30	GTG	TGA	0	0	
mORF_-_4226696	4226696	4226827	-	6	132	GTG	TAG	0	0	
mORF_-_4226718	4226718	4226837	-	4	120	GTG	TGA	0	0	
mORF_-_4226884	4226884	4227036	-	5	153	TTG	TAG	0	0	
mORF_-_4226895	4226895	4226921	-	4	27	TTG	TAA	0	0	
mORF_-_4226979	4226979	4227059	-	4	81	ATG	TGA	0	0	
mORF_-_4227038	4227038	4227103	-	6	66	TTG	TGA	0	0	
mORF_-_4227094	4227094	4227198	-	5	105	ATG	TAG	0	0	
mORF_-_4227108	4227108	4227128	-	4	21	TTG	TGA	0	0	
mORF_-_4227116	4227116	4227247	-	6	132	TTG	TAA	0	0	

mORF_-_4227201	4227201	4227446	-	4	246	TTG	TAA	0	0	
mORF_-_4227241	4227241	4227261	-	5	21	ATG	TGA	0	0	
mORF_-_4227275	4227275	4227280	-	6	6	ATG	TAG	0	0	
mORF_-_4227287	4227287	4227430	-	6	144	ATG	TAA	0	0	
mORF_-_4227430	4227430	4227459	-	5	30	ATG	TGA	0	0	
mORF_-_4227437	4227437	4227475	-	6	39	GTG	TAG	0	0	
mORF_-_4227456	4227456	4227470	-	4	15	TTG	TGA	0	0	
mORF_-_4227472	4227472	4227549	-	5	78	GTG	TGA	0	0	
mORF_-_4227476	4227476	4228165	-	6	690	ATG	TAA	10	40	pORF_-_4227476
mORF_-_4227571	4227571	4227603	-	5	33	TTG	TGA	0	0	
mORF_-_4227610	4227610	4227663	-	5	54	GTG	TGA	0	0	
mORF_-_4227666	4227666	4227788	-	4	123	TTG	TAA	0	0	
mORF_-_4227724	4227724	4227831	-	5	108	GTG	TAA	0	0	
mORF_-_4227843	4227843	4227878	-	4	36	GTG	TGA	0	0	
mORF_-_4227883	4227883	4227915	-	5	33	TTG	TGA	0	0	
mORF_-_4227916	4227916	4228026	-	5	111	ATG	TGA	0	0	
mORF_-_4228039	4228039	4228095	-	5	57	TTG	TAA	0	0	
mORF_-_4228096	4228096	4228110	-	5	15	ATG	TAA	0	0	
mORF_-_4228177	4228177	4228200	-	5	24	ATG	TAA	0	0	
mORF_-_4228188	4228188	4228223	-	4	36	GTG	TGA	0	0	
mORF_-_4228202	4228202	4228414	-	6	213	ATG	TAG	0	0	
mORF_-_4228216	4228216	4228233	-	5	18	ATG	TAA	0	0	
mORF_-_4228224	4228224	4228250	-	4	27	GTG	TAA	0	0	
mORF_-_4228237	4228237	4228320	-	5	84	ATG	TGA	0	0	
mORF_-_4228287	4228287	4228307	-	4	21	TTG	TGA	0	0	
mORF_-_4228333	4228333	4228341	-	5	9	TTG	TGA	0	0	
mORF_-_4228375	4228375	4228392	-	5	18	ATG	TAA	0	0	
mORF_-_4228414	4228414	4228437	-	5	24	GTG	TGA	0	0	
mORF_-_4228434	4228434	4228961	-	4	528	ATG	TGA	0	0	
mORF_-_4228454	4228454	4228501	-	6	48	ATG	TAG	0	0	
mORF_-_4228544	4228544	4228729	-	6	186	TTG	TGA	0	0	
mORF_-_4228730	4228730	4228768	-	6	39	TTG	TGA	0	0	
mORF_-_4228772	4228772	4228912	-	6	141	ATG	TGA	0	0	
mORF_-_4228822	4228822	4228851	-	5	30	TTG	TAA	0	0	
mORF_-_4228937	4228937	4228951	-	6	15	ATG	TGA	0	0	
mORF_-_4228967	4228967	4229203	-	6	237	TTG	TAG	0	0	
mORF_-_4229215	4229215	4229280	-	5	66	TTG	TAA	0	0	
mORF_-_4229320	4229320	4229346	-	5	27	GTG	TAA	0	0	
mORF_-_4229343	4229343	4229348	-	4	6	GTG	TGA	0	0	
mORF_-_4229382	4229382	4229654	-	4	273	ATG	TAA	2	4	pORF_-_4229382
mORF_-_4229462	4229462	4229500	-	6	39	TTG	TGA	0	0	
mORF_-_4229552	4229552	4229605	-	6	54	GTG	TGA	0	0	
mORF_-_4229682	4229682	4229726	-	4	45	ATG	TGA	0	0	
mORF_-_4229746	4229746	4229796	-	5	51	TTG	TAA	0	0	
mORF_-_4229797	4229797	4229853	-	5	57	ATG	TAA	0	0	
mORF_-_4229820	4229820	4229870	-	4	51	TTG	TAA	0	0	
mORF_-_4229867	4229867	4229998	-	6	132	ATG	TGA	0	0	
mORF_-_4229907	4229907	4231256	-	4	1350	ATG	TAA	74	720	pORF_-_4229907
mORF_-_4229923	4229923	4229976	-	5	54	GTG	TAG	0	0	
mORF_-_4229980	4229980	4230003	-	5	24	TTG	TAA	0	0	
mORF_-_4230005	4230005	4230082	-	6	78	TTG	TGA	0	0	
mORF_-_4230073	4230073	4230126	-	5	54	GTG	TGA	0	0	
mORF_-_4230158	4230158	4230199	-	6	42	TTG	TGA	0	0	
mORF_-_4230308	4230308	4230538	-	6	231	TTG	TGA	0	0	
mORF_-_4230382	4230382	4230390	-	5	9	GTG	TAA	0	0	
mORF_-_4230557	4230557	4230670	-	6	114	TTG	TAG	0	0	
mORF_-_4230722	4230722	4230733	-	6	12	ATG	TAG	0	0	
mORF_-_4230779	4230779	4230802	-	6	24	TTG	TAG	0	0	
mORF_-_4230821	4230821	4230880	-	6	60	TTG	TGA	0	0	
mORF_-_4230835	4230835	4230843	-	5	9	GTG	TGA	0	0	
mORF_-_4230896	4230896	4230922	-	6	27	ATG	TGA	0	0	
mORF_-_4230926	4230926	4231042	-	6	117	TTG	TGA	0	0	
mORF_-_4231103	4231103	4231150	-	6	48	TTG	TAG	0	0	

mORF_-_4231151	4231151	4231180	-	6	30	TTG	TAG	0	0
mORF_-_4231196	4231196	4231207	-	6	12	TTG	TGA	0	0
mORF_-_4231214	4231214	4231246	-	6	33	TTG	TAG	0	0
mORF_-_4231249	4231249	4231296	-	5	48	GTG	TGA	0	0
mORF_-_4231259	4231259	4231369	-	6	111	GTG	TAG	0	0
mORF_-_4231284	4231284	4231457	-	4	174	TTG	TGA	0	0
mORF_-_4231417	4231417	4231461	-	5	45	GTG	TGA	0	0
mORF_-_4231454	4231454	4231492	-	6	39	GTG	TGA	0	0
mORF_-_4231489	4231489	4231512	-	5	24	GTG	TGA	0	0
mORF_-_4231515	4231515	4231622	-	4	108	ATG	TAA	0	0
mORF_-_4231547	4231547	4231564	-	6	18	ATG	TAG	0	0
mORF_-_4231565	4231565	4231609	-	6	45	ATG	TAA	0	0
mORF_-_4231606	4231606	4231626	-	5	21	GTG	TGA	0	0
mORF_-_4231619	4231619	4231663	-	6	45	GTG	TGA	0	0
mORF_-_4231668	4231668	4231688	-	4	21	ATG	TAG	0	0
mORF_-_4231676	4231676	4231681	-	6	6	GTG	TAA	0	0
mORF_-_4231688	4231688	4231714	-	6	27	GTG	TAA	0	0
mORF_-_4231711	4231711	4231794	-	5	84	TTG	TGA	0	0
mORF_-_4231733	4231733	4231738	-	6	6	TTG	TAG	0	0
mORF_-_4231749	4231749	4231754	-	4	6	TTG	TGA	0	0
mORF_-_4231791	4231791	4231823	-	4	33	GTG	TGA	0	0
mORF_-_4231823	4231823	4231834	-	6	12	GTG	TAG	0	0
mORF_-_4231896	4231896	4231910	-	4	15	TTG	TAG	0	0
mORF_-_4231936	4231936	4232142	-	5	207	TTG	TAA	0	0
mORF_-_4231976	4231976	4232074	-	6	99	GTG	TAA	0	0
mORF_-_4232171	4232171	4232497	-	6	327	GTG	TGA	0	0
mORF_-_4232181	4232181	4232219	-	4	39	TTG	TAA	0	0
mORF_-_4232203	4232203	4232313	-	5	111	ATG	TAA	0	0
mORF_-_4232220	4232220	4232267	-	4	48	ATG	TGA	0	0
mORF_-_4232325	4232325	4232399	-	4	75	ATG	TAG	0	0
mORF_-_4232341	4232341	4232415	-	5	75	GTG	TGA	0	0
mORF_-_4232416	4232416	4232559	-	5	144	ATG	TGA	0	0
mORF_-_4232424	4232424	4232672	-	4	249	GTG	TAG	0	0
mORF_-_4232590	4232590	4232850	-	5	261	TTG	TAA	0	0
mORF_-_4232603	4232603	4233379	-	6	777	GTG	TGA	0	0
mORF_-_4232887	4232887	4232925	-	5	39	GTG	TAA	0	0
mORF_-_4232944	4232944	4233006	-	5	63	GTG	TAG	0	0
mORF_-_4233045	4233045	4233137	-	4	93	TTG	TAG	0	0
mORF_-_4233145	4233145	4233255	-	5	111	TTG	TAG	0	0
mORF_-_4233265	4233265	4233393	-	5	129	TTG	TGA	0	0
mORF_-_4233402	4233402	4233434	-	4	33	ATG	TAA	0	0
mORF_-_4233427	4233427	4233465	-	5	39	GTG	TAA	0	0
mORF_-_4233431	4233431	4233568	-	6	138	GTG	TGA	0	0
mORF_-_4233462	4233462	4233554	-	4	93	TTG	TGA	0	0
mORF_-_4233517	4233517	4233594	-	5	78	TTG	TAG	0	0
mORF_-_4233555	4233555	4233563	-	4	9	ATG	TAA	0	0
mORF_-_4233603	4233603	4233614	-	4	12	ATG	TAA	0	0
mORF_-_4233622	4233622	4233660	-	5	39	ATG	TGA	0	0
mORF_-_4233763	4233763	4233801	-	5	39	ATG	TAA	0	0
mORF_-_4233798	4233798	4233806	-	4	9	TTG	TGA	0	0
mORF_-_4233807	4233807	4233851	-	4	45	ATG	TAA	0	0
mORF_-_4233812	4233812	4234246	-	6	435	GTG	TAG	0	0
mORF_-_4233826	4233826	4233909	-	5	84	ATG	TAG	0	0
mORF_-_4233855	4233855	4233905	-	4	51	ATG	TAA	0	0
mORF_-_4233910	4233910	4234158	-	5	249	GTG	TGA	0	0
mORF_-_4233927	4233927	4234031	-	4	105	TTG	TAA	0	0
mORF_-_4234068	4234068	4234109	-	4	42	TTG	TGA	0	0
mORF_-_4234128	4234128	4234148	-	4	21	TTG	TAG	0	0
mORF_-_4234201	4234201	4234209	-	5	9	ATG	TGA	0	0
mORF_-_4234216	4234216	4234248	-	5	33	GTG	TAG	0	0
mORF_-_4234233	4234233	4234385	-	4	153	GTG	TAA	0	0
mORF_-_4234259	4234259	4234300	-	6	42	GTG	TAA	0	0
mORF_-_4234343	4234343	4234363	-	6	21	GTG	TAG	0	0

mORF_-_4234360	4234360	4234419	-	5	60	TTG	TGA	0	0
mORF_-_4234428	4234428	4234517	-	4	90	GTG	TAG	0	0
mORF_-_4234468	4234468	4234635	-	5	168	TTG	TAA	0	0
mORF_-_4234524	4234524	4234664	-	4	141	GTG	TGA	0	0
mORF_-_4234622	4234622	4234708	-	6	87	GTG	TAA	0	0
mORF_-_4234695	4234695	4234796	-	4	102	GTG	TAG	0	0
mORF_-_4234711	4234711	4234920	-	5	210	TTG	TGA	0	0
mORF_-_4234878	4234878	4234931	-	4	54	TTG	TAA	0	0
mORF_-_4234904	4234904	4235023	-	6	120	TTG	TGA	0	0
mORF_-_4234933	4234933	4234968	-	5	36	ATG	TAG	0	0
mORF_-_4234999	4234999	4235079	-	5	81	TTG	TGA	0	0
mORF_-_4235028	4235028	4235045	-	4	18	ATG	TAG	0	0
mORF_-_4235046	4235046	4235066	-	4	21	TTG	TAA	0	0
mORF_-_4235104	4235104	4235160	-	5	57	GTG	TAA	0	0
mORF_-_4235217	4235217	4235654	-	4	438	TTG	TAA	0	0
mORF_-_4235231	4235231	4235323	-	6	93	TTG	TGA	0	0
mORF_-_4235263	4235263	4235346	-	5	84	GTG	TGA	0	0
mORF_-_4235324	4235324	4235404	-	6	81	GTG	TAG	0	0
mORF_-_4235377	4235377	4235400	-	5	24	ATG	TGA	0	0
mORF_-_4235483	4235483	4235500	-	6	18	GTG	TAA	0	0
mORF_-_4235519	4235519	4235530	-	6	12	TTG	TAA	0	0
mORF_-_4235534	4235534	4235560	-	6	27	ATG	TGA	0	0
mORF_-_4235564	4235564	4235623	-	6	60	ATG	TAA	0	0
mORF_-_4235611	4235611	4235703	-	5	93	GTG	TAA	0	0
mORF_-_4235651	4235651	4235671	-	6	21	ATG	TGA	0	0
mORF_-_4235697	4235697	4235891	-	4	195	TTG	TAA	0	0
mORF_-_4235710	4235710	4235787	-	5	78	GTG	TAG	0	0
mORF_-_4235774	4235774	4235779	-	6	6	TTG	TAA	0	0
mORF_-_4235861	4235861	4236022	-	6	162	TTG	TGA	0	0
mORF_-_4235899	4235899	4235916	-	5	18	GTG	TAG	0	0
mORF_-_4235953	4235953	4235985	-	5	33	TTG	TGA	0	0
mORF_-_4236007	4236007	4236144	-	5	138	GTG	TAA	0	0
mORF_-_4236173	4236173	4236250	-	6	78	GTG	TGA	0	0
mORF_-_4236208	4236208	4236330	-	5	123	TTG	TAG	0	0
mORF_-_4236225	4236225	4236263	-	4	39	GTG	TAG	0	0
mORF_-_4236260	4236260	4236559	-	6	300	ATG	TGA	0	0
mORF_-_4236430	4236430	4236477	-	5	48	TTG	TAG	0	0
mORF_-_4236480	4236480	4236617	-	4	138	GTG	TAA	0	0
mORF_-_4236499	4236499	4236504	-	5	6	TTG	TAA	0	0
mORF_-_4236526	4236526	4236549	-	5	24	ATG	TGA	0	0
mORF_-_4236574	4236574	4236771	-	5	198	ATG	TGA	0	0
mORF_-_4236578	4236578	4236859	-	6	282	TTG	TAA	0	0
mORF_-_4236765	4236765	4237061	-	4	297	TTG	TAA	0	0
mORF_-_4236814	4236814	4236915	-	5	102	TTG	TGA	0	0
mORF_-_4236917	4236917	4237117	-	6	201	GTG	TGA	0	0
mORF_-_4236979	4236979	4236984	-	5	6	ATG	TAA	0	0
mORF_-_4236988	4236988	4237074	-	5	87	TTG	TGA	0	0
mORF_-_4237075	4237075	4237083	-	5	9	TTG	TAG	0	0
mORF_-_4237090	4237090	4237095	-	5	6	GTG	TAG	0	0
mORF_-_4237118	4237118	4237399	-	6	282	ATG	TAA	0	0
mORF_-_4237165	4237165	4237188	-	5	24	TTG	TAG	0	0
mORF_-_4237189	4237189	4237209	-	5	21	TTG	TAG	0	0
mORF_-_4237237	4237237	4237323	-	5	87	TTG	TAA	0	0
mORF_-_4237324	4237324	4237374	-	5	51	GTG	TAG	0	0
mORF_-_4237329	4237329	4237355	-	4	27	TTG	TAA	0	0
mORF_-_4237371	4237371	4237421	-	4	51	ATG	TGA	0	0
mORF_-_4237429	4237429	4237503	-	5	75	TTG	TGA	0	0
mORF_-_4237439	4237439	4237819	-	6	381	ATG	TAA	0	0
mORF_-_4237534	4237534	4237590	-	5	57	TTG	TAG	0	0
mORF_-_4237584	4237584	4237640	-	4	57	GTG	TGA	0	0
mORF_-_4237687	4237687	4237743	-	5	57	TTG	TGA	0	0
mORF_-_4237750	4237750	4237797	-	5	48	ATG	TAG	0	0
mORF_-_4237755	4237755	4237781	-	4	27	GTG	TGA	0	0

mORF_-_4237800	4237800	4238078	-	4	279	ATG	TAA	0	0	
mORF_-_4237819	4237819	4237872	-	5	54	ATG	TGA	0	0	
mORF_-_4237931	4237931	4237996	-	6	66	ATG	TGA	0	0	
mORF_-_4238024	4238024	4238035	-	6	12	TTG	TGA	0	0	
mORF_-_4238068	4238068	4238508	-	5	441	TTG	TAA	0	0	
mORF_-_4238075	4238075	4238113	-	6	39	ATG	TGA	0	0	
mORF_-_4238154	4238154	4238300	-	4	147	GTG	TAA	0	0	
mORF_-_4238213	4238213	4238278	-	6	66	GTG	TAG	0	0	
mORF_-_4238297	4238297	4238329	-	6	33	GTG	TGA	0	0	
mORF_-_4238346	4238346	4238357	-	4	12	GTG	TAG	0	0	
mORF_-_4238354	4238354	4238596	-	6	243	GTG	TGA	0	0	
mORF_-_4238603	4238603	4238662	-	6	60	ATG	TAG	0	0	
mORF_-_4238617	4238617	4238652	-	5	36	ATG	TAG	0	0	
mORF_-_4238649	4238649	4238672	-	4	24	GTG	TGA	0	0	
mORF_-_4238686	4238686	4238769	-	5	84	GTG	TAG	0	0	
mORF_-_4238705	4238705	4238893	-	6	189	TTG	TAA	0	0	
mORF_-_4238802	4238802	4240277	-	4	1476	ATG	TAA	1	32	pORF_-_4238802
mORF_-_4238872	4238872	4239033	-	5	162	GTG	TAA	0	0	
mORF_-_4238993	4238993	4239262	-	6	270	TTG	TGA	0	0	
mORF_-_4239061	4239061	4239108	-	5	48	ATG	TAA	0	0	
mORF_-_4239275	4239275	4239409	-	6	135	TTG	TGA	0	0	
mORF_-_4239440	4239440	4239445	-	6	6	TTG	TAA	0	0	
mORF_-_4239446	4239446	4239460	-	6	15	TTG	TGA	0	0	
mORF_-_4239464	4239464	4239535	-	6	72	TTG	TGA	0	0	
mORF_-_4239508	4239508	4239660	-	5	153	ATG	TAA	0	0	
mORF_-_4239635	4239635	4239670	-	6	36	TTG	TAA	0	0	
mORF_-_4239695	4239695	4239724	-	6	30	TTG	TGA	0	0	
mORF_-_4239746	4239746	4239826	-	6	81	TTG	TAG	0	0	
mORF_-_4239851	4239851	4239904	-	6	54	ATG	TAG	0	0	
mORF_-_4239941	4239941	4239958	-	6	18	TTG	TAA	0	0	
mORF_-_4239977	4239977	4240081	-	6	105	TTG	TAG	0	0	
mORF_-_4240039	4240039	4240101	-	5	63	TTG	TAA	0	0	
mORF_-_4240106	4240106	4240132	-	6	27	GTG	TAG	0	0	
mORF_-_4240133	4240133	4240219	-	6	87	GTG	TAA	0	0	
mORF_-_4240289	4240289	4240297	-	6	9	ATG	TAA	0	0	
mORF_-_4240310	4240310	4240318	-	6	9	ATG	TGA	0	0	
mORF_-_4240333	4240333	4240356	-	5	24	ATG	TGA	0	0	
mORF_-_4240341	4240341	4240349	-	4	9	TTG	TAA	0	0	
mORF_-_4240360	4240360	4240365	-	5	6	TTG	TAA	0	0	
mORF_-_4240395	4240395	4240430	-	4	36	TTG	TAA	0	0	
mORF_-_4240446	4240446	4240454	-	4	9	GTG	TGA	0	0	
mORF_-_4240464	4240464	4240484	-	4	21	TTG	TAA	0	0	
mORF_-_4240520	4240520	4240627	-	6	108	ATG	TAA	0	0	
mORF_-_4240536	4240536	4240646	-	4	111	ATG	TGA	0	0	
mORF_-_4240588	4240588	4240632	-	5	45	ATG	TGA	0	0	
mORF_-_4240649	4240649	4241539	-	6	891	ATG	TAA	0	0	
mORF_-_4240657	4240657	4240665	-	5	9	GTG	TGA	0	0	
mORF_-_4240735	4240735	4240758	-	5	24	GTG	TGA	0	0	
mORF_-_4240755	4240755	4240763	-	4	9	GTG	TGA	0	0	
mORF_-_4240819	4240819	4241037	-	5	219	GTG	TAA	0	0	
mORF_-_4240854	4240854	4240943	-	4	90	GTG	TGA	0	0	
mORF_-_4241071	4241071	4241118	-	5	48	ATG	TGA	0	0	
mORF_-_4241106	4241106	4241291	-	4	186	GTG	TGA	0	0	
mORF_-_4241173	4241173	4241250	-	5	78	TTG	TGA	0	0	
mORF_-_4241272	4241272	4241340	-	5	69	TTG	TAA	0	0	
mORF_-_4241343	4241343	4241561	-	4	219	TTG	TAG	0	0	
mORF_-_4241392	4241392	4241409	-	5	18	TTG	TGA	0	0	
mORF_-_4241554	4241554	4243113	-	5	1560	ATG	TAA	0	0	
mORF_-_4241589	4241589	4241603	-	4	15	GTG	TAG	0	0	
mORF_-_4241619	4241619	4241735	-	4	117	TTG	TGA	0	0	
mORF_-_4241832	4241832	4241900	-	4	69	ATG	TGA	0	0	
mORF_-_4242027	4242027	4242035	-	4	9	TTG	TGA	0	0	
mORF_-_4242051	4242051	4242065	-	4	15	GTG	TGA	0	0	

mORF_-_4242077	4242077	4242190	-	6	114	GTG	TAA	0	0	
mORF_-_4242345	4242345	4242398	-	4	54	TTG	TAA	0	0	
mORF_-_4242441	4242441	4242455	-	4	15	GTG	TGA	0	0	
mORF_-_4242510	4242510	4242548	-	4	39	GTG	TGA	0	0	
mORF_-_4242621	4242621	4242734	-	4	114	TTG	TGA	0	0	
mORF_-_4242650	4242650	4242709	-	6	60	GTG	TAA	0	0	
mORF_-_4242768	4242768	4242794	-	4	27	TTG	TAG	0	0	
mORF_-_4242798	4242798	4242899	-	4	102	ATG	TGA	0	0	
mORF_-_4242917	4242917	4243075	-	6	159	TTG	TAA	0	0	
mORF_-_4242999	4242999	4243010	-	4	12	TTG	TAA	0	0	
mORF_-_4243053	4243053	4243094	-	4	42	ATG	TGA	0	0	
mORF_-_4243110	4243110	4243136	-	4	27	GTG	TGA	0	0	
mORF_-_4243133	4243133	4243228	-	6	96	GTG	TGA	0	0	
mORF_-_4243188	4243188	4243247	-	4	60	GTG	TAG	0	0	
mORF_-_4243225	4243225	4243242	-	5	18	ATG	TGA	0	0	
mORF_-_4243244	4243244	4243252	-	6	9	ATG	TGA	0	0	
mORF_-_4243252	4243252	4244442	-	5	1191	ATG	TAA	59	521	pORF_-_4243252
mORF_-_4243281	4243281	4243292	-	4	12	ATG	TGA	0	0	
mORF_-_4243323	4243323	4243415	-	4	93	TTG	TGA	0	0	
mORF_-_4243458	4243458	4243505	-	4	48	ATG	TAG	0	0	
mORF_-_4243565	4243565	4243678	-	6	114	GTG	TAA	0	0	
mORF_-_4243578	4243578	4243589	-	4	12	TTG	TGA	0	0	
mORF_-_4243632	4243632	4243640	-	4	9	ATG	TAA	0	0	
mORF_-_4243692	4243692	4243751	-	4	60	ATG	TGA	0	0	
mORF_-_4243770	4243770	4243778	-	4	9	TTG	TGA	0	0	
mORF_-_4243788	4243788	4243883	-	4	96	TTG	TGA	0	0	
mORF_-_4244019	4244019	4244054	-	4	36	TTG	TGA	0	0	
mORF_-_4244055	4244055	4244255	-	4	201	TTG	TGA	0	0	
mORF_-_4244348	4244348	4244545	-	6	198	GTG	TAA	0	0	
mORF_-_4244397	4244397	4244426	-	4	30	GTG	TAA	0	0	
mORF_-_4244446	4244446	4244481	-	5	36	GTG	TAG	0	0	
mORF_-_4244482	4244482	4244601	-	5	120	ATG	TAG	0	0	
mORF_-_4244535	4244535	4244633	-	4	99	GTG	TAG	0	0	
mORF_-_4244567	4244567	4244623	-	6	57	TTG	TAA	0	0	
mORF_-_4244642	4244642	4244647	-	6	6	ATG	TAA	0	0	
mORF_-_4244657	4244657	4244665	-	6	9	GTG	TAA	0	0	
mORF_-_4244662	4244662	4244682	-	5	21	ATG	TGA	0	0	
mORF_-_4244679	4244679	4244702	-	4	24	ATG	TGA	0	0	
mORF_-_4244726	4244726	4244749	-	6	24	ATG	TAA	0	0	
mORF_-_4244752	4244752	4245015	-	5	264	GTG	TGA	0	0	
mORF_-_4244789	4244789	4244887	-	6	99	ATG	TAA	0	0	
mORF_-_4244939	4244939	4245073	-	6	135	GTG	TAA	0	0	
mORF_-_4244988	4244988	4245122	-	4	135	TTG	TGA	0	0	
mORF_-_4245064	4245064	4245195	-	5	132	TTG	TAG	0	0	
mORF_-_4245095	4245095	4245142	-	6	48	TTG	TGA	0	0	
mORF_-_4245147	4245147	4245365	-	4	219	TTG	TAA	0	0	
mORF_-_4245167	4245167	4245673	-	6	507	ATG	TAG	0	0	
mORF_-_4245223	4245223	4245363	-	5	141	GTG	TGA	0	0	
mORF_-_4245370	4245370	4245378	-	5	9	GTG	TAA	0	0	
mORF_-_4245385	4245385	4245414	-	5	30	TTG	TGA	0	0	
mORF_-_4245475	4245475	4245552	-	5	78	GTG	TAG	0	0	
mORF_-_4245504	4245504	4245590	-	4	87	TTG	TAA	0	0	
mORF_-_4245595	4245595	4245702	-	5	108	ATG	TGA	0	0	
mORF_-_4245674	4245674	4245952	-	6	279	GTG	TAG	0	0	
mORF_-_4245699	4245699	4245833	-	4	135	ATG	TGA	0	0	
mORF_-_4245718	4245718	4245741	-	5	24	TTG	TGA	0	0	
mORF_-_4245748	4245748	4245774	-	5	27	ATG	TGA	0	0	
mORF_-_4245778	4245778	4245885	-	5	108	GTG	TGA	0	0	
mORF_-_4245837	4245837	4246013	-	4	177	TTG	TAG	0	0	
mORF_-_4245919	4245919	4245942	-	5	24	TTG	TAA	0	0	
mORF_-_4245982	4245982	4246155	-	5	174	TTG	TGA	0	0	
mORF_-_4246001	4246001	4246090	-	6	90	GTG	TAA	0	0	
mORF_-_4246152	4246152	4246175	-	4	24	TTG	TGA	0	0	

mORF_-_4246198	4246198	4246407	-	5	210	ATG	TAA	0	0
mORF_-_4246242	4246242	4246253	-	4	12	GTG	TAG	0	0
mORF_-_4246253	4246253	4246276	-	6	24	GTG	TAG	0	0
mORF_-_4246263	4246263	4246367	-	4	105	ATG	TAG	0	0
mORF_-_4246295	4246295	4246498	-	6	204	TTG	TAG	0	0
mORF_-_4246422	4246422	4246544	-	4	123	TTG	TAG	0	0
mORF_-_4246554	4246554	4246625	-	4	72	GTG	TAG	0	0
mORF_-_4246610	4246610	4246693	-	6	84	ATG	TGA	0	0
mORF_-_4246644	4246644	4246658	-	4	15	TTG	TAG	0	0
mORF_-_4246671	4246671	4246715	-	4	45	GTG	TAG	0	0
mORF_-_4246708	4246708	4247118	-	5	411	TTG	TAA	0	0
mORF_-_4246728	4246728	4246754	-	4	27	TTG	TGA	0	0
mORF_-_4246772	4246772	4246828	-	6	57	ATG	TAG	0	0
mORF_-_4246848	4246848	4246865	-	4	18	TTG	TAG	0	0
mORF_-_4246869	4246869	4247033	-	4	165	GTG	TGA	0	0
mORF_-_4246952	4246952	4247023	-	6	72	TTG	TGA	0	0
mORF_-_4247049	4247049	4247090	-	4	42	TTG	TAG	0	0
mORF_-_4247091	4247091	4247138	-	4	48	ATG	TGA	0	0
mORF_-_4247102	4247102	4247146	-	6	45	GTG	TAA	0	0
mORF_-_4247143	4247143	4247340	-	5	198	TTG	TGA	0	0
mORF_-_4247153	4247153	4247170	-	6	18	TTG	TAG	0	0
mORF_-_4247172	4247172	4247180	-	4	9	TTG	TAG	0	0
mORF_-_4247205	4247205	4247486	-	4	282	ATG	TAG	0	0
mORF_-_4247261	4247261	4247383	-	6	123	TTG	TGA	0	0
mORF_-_4247362	4247362	4247463	-	5	102	ATG	TAA	0	0
mORF_-_4247417	4247417	4247422	-	6	6	TTG	TAG	0	0
mORF_-_4247453	4247453	4247470	-	6	18	ATG	TAA	0	0
mORF_-_4247524	4247524	4247577	-	5	54	TTG	TAA	0	0
mORF_-_4247543	4247543	4247599	-	6	57	ATG	TAG	0	0
mORF_-_4247596	4247596	4247631	-	5	36	TTG	TGA	0	0
mORF_-_4247622	4247622	4247885	-	4	264	TTG	TAA	0	0
mORF_-_4247659	4247659	4247703	-	5	45	ATG	TAA	0	0
mORF_-_4247663	4247663	4247725	-	6	63	GTG	TAG	0	0
mORF_-_4247722	4247722	4247733	-	5	12	GTG	TGA	0	0
mORF_-_4247741	4247741	4247881	-	6	141	TTG	TGA	0	0
mORF_-_4247803	4247803	4247937	-	5	135	ATG	TGA	0	0
mORF_-_4247921	4247921	4247929	-	6	9	ATG	TGA	0	0
mORF_-_4247937	4247937	4248173	-	4	237	ATG	TGA	0	0
mORF_-_4247957	4247957	4247965	-	6	9	GTG	TAA	0	0
mORF_-_4248010	4248010	4248024	-	5	15	GTG	TAA	0	0
mORF_-_4248047	4248047	4248067	-	6	21	GTG	TAA	0	0
mORF_-_4248116	4248116	4248124	-	6	9	TTG	TAG	0	0
mORF_-_4248170	4248170	4248352	-	6	183	GTG	TGA	0	0
mORF_-_4248268	4248268	4248318	-	5	51	GTG	TAA	0	0
mORF_-_4248359	4248359	4248508	-	6	150	GTG	TAA	0	0
mORF_-_4248376	4248376	4248453	-	5	78	ATG	TGA	0	0
mORF_-_4248472	4248472	4248624	-	5	153	ATG	TGA	0	0
mORF_-_4248498	4248498	4248548	-	4	51	GTG	TAA	0	0
mORF_-_4248597	4248597	4248611	-	4	15	GTG	TGA	0	0
mORF_-_4248624	4248624	4248632	-	4	9	TTG	TAA	0	0
mORF_-_4248640	4248640	4248678	-	5	39	ATG	TGA	0	0
mORF_-_4248711	4248711	4248737	-	4	27	ATG	TAA	0	0
mORF_-_4248734	4248734	4248757	-	6	24	TTG	TGA	0	0
mORF_-_4248741	4248741	4248788	-	4	48	TTG	TAG	0	0
mORF_-_4248863	4248863	4248913	-	6	51	ATG	TAA	0	0
mORF_-_4248868	4248868	4248885	-	5	18	TTG	TGA	0	0
mORF_-_4248882	4248882	4248941	-	4	60	TTG	TGA	0	0
mORF_-_4248938	4248938	4249003	-	6	66	TTG	TGA	0	0
mORF_-_4248970	4248970	4249062	-	5	93	TTG	TAG	0	0
mORF_-_4249056	4249056	4249070	-	4	15	ATG	TAA	0	0
mORF_-_4249067	4249067	4249258	-	6	192	TTG	TGA	0	0
mORF_-_4249084	4249084	4249131	-	5	48	ATG	TAA	0	0
mORF_-_4249116	4249116	4249124	-	4	9	ATG	TAG	0	0

mORF_-_4249165	4249165	4249173	-	5	9	TTG	TAG	0	0
mORF_-_4249206	4249206	4249304	-	4	99	ATG	TAA	0	0
mORF_-_4249327	4249327	4249338	-	5	12	TTG	TAA	0	0
mORF_-_4249335	4249335	4249370	-	4	36	GTG	TGA	0	0
mORF_-_4249358	4249358	4249399	-	6	42	TTG	TAA	0	0
mORF_-_4249372	4249372	4249410	-	5	39	ATG	TGA	0	0
mORF_-_4249407	4249407	4249493	-	4	87	TTG	TGA	0	0
mORF_-_4249445	4249445	4249483	-	6	39	ATG	TAA	0	0
mORF_-_4249515	4249515	4249637	-	4	123	TTG	TGA	0	0
mORF_-_4249547	4249547	4249561	-	6	15	ATG	TAA	0	0
mORF_-_4249561	4249561	4249596	-	5	36	TTG	TAA	0	0
mORF_-_4249638	4249638	4249814	-	4	177	TTG	TAA	0	0
mORF_-_4249706	4249706	4249723	-	6	18	ATG	TAA	0	0
mORF_-_4249733	4249733	4249759	-	6	27	TTG	TAA	0	0
mORF_-_4249778	4249778	4249876	-	6	99	TTG	TGA	0	0
mORF_-_4249857	4249857	4249889	-	4	33	TTG	TAG	0	0
mORF_-_4249891	4249891	4249914	-	5	24	TTG	TAA	0	0
mORF_-_4249898	4249898	4249930	-	6	33	TTG	TGA	0	0
mORF_-_4249911	4249911	4249946	-	4	36	ATG	TGA	0	0
mORF_-_4249927	4249927	4249983	-	5	57	GTG	TGA	0	0
mORF_-_4249949	4249949	4250158	-	6	210	GTG	TAA	0	0
mORF_-_4250020	4250020	4250040	-	5	21	GTG	TAA	0	0
mORF_-_4250112	4250112	4250282	-	4	171	ATG	TAA	0	0
mORF_-_4250131	4250131	4250136	-	5	6	TTG	TAG	0	0
mORF_-_4250165	4250165	4250170	-	6	6	TTG	TAG	0	0
mORF_-_4250200	4250200	4250214	-	5	15	GTG	TAA	0	0
mORF_-_4250204	4250204	4250227	-	6	24	TTG	TGA	0	0
mORF_-_4250231	4250231	4250257	-	6	27	ATG	TGA	0	0
mORF_-_4250303	4250303	4250380	-	6	78	ATG	TAA	0	0
mORF_-_4250353	4250353	4250403	-	5	51	ATG	TAG	0	0
mORF_-_4250397	4250397	4250414	-	4	18	GTG	TGA	0	0
mORF_-_4250408	4250408	4250419	-	6	12	ATG	TAA	0	0
mORF_-_4250445	4250445	4250453	-	4	9	GTG	TAA	0	0
mORF_-_4250450	4250450	4250530	-	6	81	ATG	TGA	0	0
mORF_-_4250464	4250464	4250469	-	5	6	ATG	TAA	0	0
mORF_-_4250503	4250503	4250823	-	5	321	TTG	TAA	0	0
mORF_-_4250532	4250532	4250537	-	4	6	GTG	TGA	0	0
mORF_-_4250544	4250544	4250600	-	4	57	TTG	TAA	0	0
mORF_-_4250567	4250567	4250632	-	6	66	ATG	TAG	0	0
mORF_-_4250847	4250847	4250852	-	4	6	TTG	TAA	0	0
mORF_-_4250879	4250879	4250890	-	6	12	GTG	TAG	0	0
mORF_-_4250887	4250887	4250901	-	5	15	ATG	TGA	0	0
mORF_-_4250914	4250914	4251159	-	5	246	GTG	TAA	0	0
mORF_-_4251012	4251012	4251080	-	4	69	ATG	TGA	0	0
mORF_-_4251135	4251135	4251269	-	4	135	ATG	TAA	0	0
mORF_-_4251242	4251242	4251256	-	6	15	TTG	TAA	0	0
mORF_-_4251266	4251266	4251565	-	6	300	TTG	TGA	0	0
mORF_-_4251271	4251271	4251294	-	5	24	GTG	TAA	0	0
mORF_-_4251414	4251414	4251458	-	4	45	ATG	TAG	0	0
mORF_-_4251439	4251439	4251537	-	5	99	ATG	TAA	0	0
mORF_-_4251459	4251459	4251467	-	4	9	TTG	TAG	0	0
mORF_-_4251549	4251549	4251665	-	4	117	TTG	TAA	0	0
mORF_-_4251584	4251584	4251724	-	6	141	ATG	TAA	0	0
mORF_-_4251637	4251637	4251651	-	5	15	TTG	TAA	0	0
mORF_-_4251679	4251679	4251711	-	5	33	GTG	TAA	0	0
mORF_-_4251721	4251721	4251765	-	5	45	TTG	TGA	0	0
mORF_-_4251762	4251762	4251800	-	4	39	TTG	TGA	0	0
mORF_-_4251794	4251794	4251814	-	6	21	TTG	TGA	0	0
mORF_-_4251835	4251835	4251843	-	5	9	ATG	TAA	0	0
mORF_-_4251844	4251844	4251990	-	5	147	GTG	TAA	0	0
mORF_-_4251879	4251879	4251905	-	4	27	ATG	TAA	0	0
mORF_-_4251933	4251933	4251992	-	4	60	ATG	TGA	0	0
mORF_-_4251980	4251980	4252048	-	6	69	ATG	TAG	0	0

mORF_-_4251999	4251999	4252094	-	4	96	TTG	TAA	0	0	
mORF_-_4252066	4252066	4254549	-	5	2484	ATG	TAA	41	185	pORF_-_4252066
mORF_-_4252146	4252146	4252199	-	4	54	GTG	TGA	0	0	
mORF_-_4252206	4252206	4252337	-	4	132	GTG	TGA	0	0	
mORF_-_4252338	4252338	4252442	-	4	105	ATG	TGA	0	0	
mORF_-_4252455	4252455	4252493	-	4	39	TTG	TGA	0	0	
mORF_-_4252542	4252542	4252562	-	4	21	ATG	TGA	0	0	
mORF_-_4252623	4252623	4252652	-	4	30	TTG	TGA	0	0	
mORF_-_4252674	4252674	4252736	-	4	63	TTG	TGA	0	0	
mORF_-_4252733	4252733	4252909	-	6	177	GTG	TGA	0	0	
mORF_-_4252953	4252953	4252967	-	4	15	TTG	TGA	0	0	
mORF_-_4252970	4252970	4252993	-	6	24	ATG	TAA	0	0	
mORF_-_4252986	4252986	4253045	-	4	60	ATG	TAA	0	0	
mORF_-_4253064	4253064	4253081	-	4	18	GTG	TGA	0	0	
mORF_-_4253121	4253121	4253213	-	4	93	ATG	TAA	0	0	
mORF_-_4253232	4253232	4253258	-	4	27	GTG	TGA	0	0	
mORF_-_4253277	4253277	4253363	-	4	87	GTG	TGA	0	0	
mORF_-_4253420	4253420	4253578	-	6	159	TTG	TAA	0	0	
mORF_-_4253484	4253484	4253597	-	4	114	ATG	TGA	0	0	
mORF_-_4253700	4253700	4253726	-	4	27	TTG	TGA	0	0	
mORF_-_4253736	4253736	4253795	-	4	60	ATG	TGA	0	0	
mORF_-_4253799	4253799	4253813	-	4	15	TTG	TAG	0	0	
mORF_-_4253871	4253871	4253999	-	4	129	TTG	TAG	0	0	
mORF_-_4253954	4253954	4254019	-	6	66	GTG	TGA	0	0	
mORF_-_4254069	4254069	4254104	-	4	36	TTG	TGA	0	0	
mORF_-_4254108	4254108	4254245	-	4	138	ATG	TGA	0	0	
mORF_-_4254282	4254282	4254302	-	4	21	ATG	TAG	0	0	
mORF_-_4254299	4254299	4254697	-	6	399	TTG	TGA	0	0	
mORF_-_4254510	4254510	4254521	-	4	12	TTG	TAA	0	0	
mORF_-_4254571	4254571	4254660	-	5	90	TTG	TGA	0	0	
mORF_-_4254612	4254612	4254623	-	4	12	GTG	TAA	0	0	
mORF_-_4254694	4254694	4254735	-	5	42	ATG	TGA	0	0	
mORF_-_4254707	4254707	4254742	-	6	36	TTG	TAG	0	0	
mORF_-_4254723	4254723	4254923	-	4	201	ATG	TAA	0	0	
mORF_-_4254739	4254739	4254753	-	5	15	ATG	TGA	0	0	
mORF_-_4254758	4254758	4255003	-	6	246	ATG	TGA	0	0	
mORF_-_4254874	4254874	4254942	-	5	69	TTG	TGA	0	0	
mORF_-_4255008	4255008	4255181	-	4	174	ATG	TAA	0	0	
mORF_-_4255069	4255069	4255125	-	5	57	GTG	TAA	0	0	
mORF_-_4255103	4255103	4255111	-	6	9	ATG	TGA	0	0	
mORF_-_4255147	4255147	4255275	-	5	129	ATG	TAA	0	0	
mORF_-_4255188	4255188	4255295	-	4	108	TTG	TGA	0	0	
mORF_-_4255193	4255193	4255291	-	6	99	GTG	TGA	0	0	
mORF_-_4255301	4255301	4255399	-	6	99	GTG	TAA	0	0	
mORF_-_4255324	4255324	4255428	-	5	105	ATG	TGA	0	0	
mORF_-_4255431	4255431	4255511	-	4	81	ATG	TGA	0	0	
mORF_-_4255447	4255447	4255749	-	5	303	ATG	TAA	1	2	pORF_-_4255447
mORF_-_4255511	4255511	4255579	-	6	69	GTG	TAA	0	0	
mORF_-_4255563	4255563	4255625	-	4	63	TTG	TGA	0	0	
mORF_-_4255658	4255658	4255666	-	6	9	TTG	TAA	0	0	
mORF_-_4255683	4255683	4255889	-	4	207	GTG	TGA	0	0	
mORF_-_4255721	4255721	4255795	-	6	75	ATG	TAA	0	0	
mORF_-_4255805	4255805	4255825	-	6	21	ATG	TGA	0	0	
mORF_-_4255829	4255829	4255849	-	6	21	GTG	TGA	0	0	
mORF_-_4255834	4255834	4255857	-	5	24	ATG	TGA	0	0	
mORF_-_4255864	4255864	4255932	-	5	69	ATG	TAA	0	0	
mORF_-_4255886	4255886	4255975	-	6	90	TTG	TGA	0	0	
mORF_-_4255947	4255947	4256027	-	4	81	GTG	TAA	0	0	
mORF_-_4255994	4255994	4256071	-	6	78	ATG	TAA	0	0	
mORF_-_4256046	4256046	4256057	-	4	12	TTG	TAA	0	0	
mORF_-_4256064	4256064	4256651	-	4	588	GTG	TGA	0	0	
mORF_-_4256071	4256071	4256091	-	5	21	TTG	TAA	0	0	
mORF_-_4256122	4256122	4256166	-	5	45	ATG	TAA	0	0	

mORF_-_4256147	4256147	4256236	-	6	90	GTG	TAA	0	0	
mORF_-_4256272	4256272	4256286	-	5	15	TTG	TAA	0	0	
mORF_-_4256311	4256311	4256370	-	5	60	ATG	TAA	0	0	
mORF_-_4256402	4256402	4256422	-	6	21	ATG	TAA	0	0	
mORF_-_4256461	4256461	4256565	-	5	105	TTG	TAG	0	0	
mORF_-_4256644	4256644	4256700	-	5	57	GTG	TAG	0	0	
mORF_-_4256654	4256654	4256713	-	6	60	ATG	TAA	0	0	
mORF_-_4256785	4256785	4256823	-	5	39	GTG	TAA	0	0	
mORF_-_4256802	4256802	4256828	-	4	27	ATG	TAA	0	0	
mORF_-_4256845	4256845	4257039	-	5	195	ATG	TAA	0	0	
mORF_-_4256919	4256919	4256960	-	4	42	GTG	TAA	0	0	
mORF_-_4256939	4256939	4256950	-	6	12	TTG	TAA	0	0	
mORF_-_4257014	4257014	4257055	-	6	42	ATG	TAA	0	0	
mORF_-_4257055	4257055	4257111	-	5	57	GTG	TAA	0	0	
mORF_-_4257095	4257095	4257139	-	6	45	TTG	TAG	0	0	
mORF_-_4257108	4257108	4257119	-	4	12	TTG	TGA	0	0	
mORF_-_4257171	4257171	4257236	-	4	66	GTG	TAG	0	0	
mORF_-_4257188	4257188	4257193	-	6	6	GTG	TAG	0	0	
mORF_-_4257206	4257206	4257232	-	6	27	ATG	TGA	0	0	
mORF_-_4257229	4257229	4257354	-	5	126	ATG	TGA	0	0	
mORF_-_4257233	4257233	4257373	-	6	141	TTG	TGA	0	0	
mORF_-_4257415	4257415	4257453	-	5	39	TTG	TGA	0	0	
mORF_-_4257470	4257470	4257496	-	6	27	TTG	TAA	0	0	
mORF_-_4257511	4257511	4258086	-	5	576	GTG	TAA	2	7	pORF_-_4257511
mORF_-_4257528	4257528	4257548	-	4	21	ATG	TGA	0	0	
mORF_-_4257545	4257545	4257556	-	6	12	GTG	TGA	0	0	
mORF_-_4257560	4257560	4257592	-	6	33	ATG	TGA	0	0	
mORF_-_4257585	4257585	4257617	-	4	33	TTG	TAG	0	0	
mORF_-_4257618	4257618	4257689	-	4	72	GTG	TGA	0	0	
mORF_-_4257623	4257623	4257721	-	6	99	TTG	TAA	0	0	
mORF_-_4257699	4257699	4257911	-	4	213	ATG	TGA	0	0	
mORF_-_4257954	4257954	4257965	-	4	12	ATG	TGA	0	0	
mORF_-_4257986	4257986	4258033	-	6	48	GTG	TGA	0	0	
mORF_-_4258059	4258059	4258070	-	4	12	ATG	TAA	0	0	
mORF_-_4258096	4258096	4258170	-	5	75	GTG	TAA	0	0	
mORF_-_4258179	4258179	4258190	-	4	12	ATG	TAA	0	0	
mORF_-_4258193	4258193	4258210	-	6	18	TTG	TAA	0	0	
mORF_-_4258224	4258224	4258247	-	4	24	ATG	TAA	0	0	
mORF_-_4258238	4258238	4258393	-	6	156	TTG	TAA	0	0	
mORF_-_4258303	4258303	4258317	-	5	15	GTG	TAA	0	0	
mORF_-_4258342	4258342	4258368	-	5	27	TTG	TGA	0	0	
mORF_-_4258378	4258378	4258389	-	5	12	GTG	TAA	0	0	
mORF_-_4258390	4258390	4258422	-	5	33	TTG	TGA	0	0	
mORF_-_4258395	4258395	4258403	-	4	9	TTG	TGA	0	0	
mORF_-_4258400	4258400	4258456	-	6	57	TTG	TGA	0	0	
mORF_-_4258423	4258423	4258452	-	5	30	TTG	TGA	0	0	
mORF_-_4258464	4258464	4258562	-	4	99	ATG	TAA	0	0	
mORF_-_4258522	4258522	4258530	-	5	9	TTG	TAA	0	0	
mORF_-_4258547	4258547	4258558	-	6	12	GTG	TGA	0	0	
mORF_-_4258555	4258555	4258653	-	5	99	GTG	TGA	0	0	
mORF_-_4258566	4258566	4258574	-	4	9	ATG	TAA	0	0	
mORF_-_4258595	4258595	4258606	-	6	12	TTG	TAA	0	0	
mORF_-_4258680	4258680	4258688	-	4	9	ATG	TAA	0	0	
mORF_-_4258688	4258688	4258774	-	6	87	TTG	TGA	0	0	
mORF_-_4258711	4258711	4258815	-	5	105	GTG	TGA	0	0	
mORF_-_4258722	4258722	4258760	-	4	39	TTG	TAA	0	0	
mORF_-_4258839	4258839	4258880	-	4	42	TTG	TAG	0	0	
mORF_-_4258856	4258856	4258876	-	6	21	TTG	TAA	0	0	
mORF_-_4258873	4258873	4258932	-	5	60	TTG	TGA	0	0	
mORF_-_4258895	4258895	4258924	-	6	30	ATG	TAA	0	0	
mORF_-_4258905	4258905	4258973	-	4	69	ATG	TAA	0	0	
mORF_-_4259013	4259013	4259216	-	4	204	GTG	TAA	0	0	
mORF_-_4259057	4259057	4259065	-	6	9	TTG	TAA	0	0	

mORF_-_4259134	4259134	4259283	-	5	150	GTG	TAG	0	0	
mORF_-_4259150	4259150	4259155	-	6	6	ATG	TGA	0	0	
mORF_-_4259189	4259189	4259218	-	6	30	TTG	TAA	0	0	
mORF_-_4259223	4259223	4259255	-	4	33	TTG	TAA	0	0	
mORF_-_4259291	4259291	4259407	-	6	117	TTG	TAA	0	0	
mORF_-_4259296	4259296	4259361	-	5	66	ATG	TAA	0	0	
mORF_-_4259361	4259361	4259378	-	4	18	TTG	TAA	0	0	
mORF_-_4259382	4259382	4259432	-	4	51	GTG	TAA	0	0	
mORF_-_4259429	4259429	4259497	-	6	69	TTG	TGA	0	0	
mORF_-_4259454	4259454	4259528	-	4	75	GTG	TAA	0	0	
mORF_-_4259500	4259500	4259658	-	5	159	ATG	TAA	0	0	
mORF_-_4259525	4259525	4259575	-	6	51	TTG	TGA	0	0	
mORF_-_4259559	4259559	4259723	-	4	165	TTG	TGA	0	0	
mORF_-_4259615	4259615	4259650	-	6	36	ATG	TAG	0	0	
mORF_-_4259680	4259680	4260249	-	5	570	GTG	TAG	0	0	
mORF_-_4259720	4259720	4259737	-	6	18	TTG	TGA	0	0	
mORF_-_4259774	4259774	4259788	-	6	15	TTG	TAA	0	0	
mORF_-_4259817	4259817	4259873	-	4	57	GTG	TAG	0	0	
mORF_-_4259882	4259882	4259983	-	6	102	TTG	TAA	0	0	
mORF_-_4259901	4259901	4260164	-	4	264	ATG	TAA	0	0	
mORF_-_4260180	4260180	4260245	-	4	66	ATG	TAG	0	0	
mORF_-_4260242	4260242	4260358	-	6	117	TTG	TGA	0	0	
mORF_-_4260274	4260274	4260597	-	5	324	ATG	TAA	0	0	
mORF_-_4260327	4260327	4260398	-	4	72	TTG	TGA	0	0	
mORF_-_4260377	4260377	4260403	-	6	27	GTG	TGA	0	0	
mORF_-_4260447	4260447	4260548	-	4	102	ATG	TGA	0	0	
mORF_-_4260645	4260645	4260707	-	4	63	TTG	TAA	0	0	
mORF_-_4260649	4260649	4260699	-	5	51	GTG	TAA	0	0	
mORF_-_4260726	4260726	4260740	-	4	15	TTG	TAA	0	0	
mORF_-_4260734	4260734	4260760	-	6	27	GTG	TGA	0	0	
mORF_-_4260754	4260754	4260771	-	5	18	GTG	TGA	0	0	
mORF_-_4260792	4260792	4260800	-	4	9	TTG	TAA	0	0	
mORF_-_4260797	4260797	4260847	-	6	51	ATG	TGA	0	0	
mORF_-_4260805	4260805	4260837	-	5	33	TTG	TAA	0	0	
mORF_-_4260844	4260844	4260963	-	5	120	ATG	TGA	0	0	
mORF_-_4260963	4260963	4260989	-	4	27	ATG	TAA	0	0	
mORF_-_4261053	4261053	4261064	-	4	12	TTG	TAA	0	0	
mORF_-_4261102	4261102	4261125	-	5	24	GTG	TAG	0	0	
mORF_-_4261122	4261122	4261127	-	4	6	TTG	TGA	0	0	
mORF_-_4261129	4261129	4261179	-	5	51	GTG	TAG	0	0	
mORF_-_4261143	4261143	4261151	-	4	9	TTG	TAA	0	0	
mORF_-_4261179	4261179	4261202	-	4	24	ATG	TAG	0	0	
mORF_-_4261214	4261214	4261219	-	6	6	ATG	TAG	0	0	
mORF_-_4261271	4261271	4262362	-	6	1092	TTG	TAA	34	196	pORF_-_4261271
mORF_-_4261279	4261279	4261338	-	5	60	ATG	TGA	0	0	
mORF_-_4261342	4261342	4261371	-	5	30	ATG	TGA	0	0	
mORF_-_4261381	4261381	4261395	-	5	15	TTG	TGA	0	0	
mORF_-_4261396	4261396	4261413	-	5	18	ATG	TGA	0	0	
mORF_-_4261413	4261413	4261574	-	4	162	TTG	TAA	0	0	
mORF_-_4261471	4261471	4261476	-	5	6	ATG	TGA	0	0	
mORF_-_4261510	4261510	4261542	-	5	33	TTG	TGA	0	0	
mORF_-_4261651	4261651	4261677	-	5	27	GTG	TAA	0	0	
mORF_-_4261683	4261683	4261778	-	4	96	GTG	TAA	0	0	
mORF_-_4261738	4261738	4261788	-	5	51	TTG	TAG	0	0	
mORF_-_4261789	4261789	4261848	-	5	60	ATG	TAA	0	0	
mORF_-_4261885	4261885	4261950	-	5	66	TTG	TGA	0	0	
mORF_-_4261978	4261978	4261995	-	5	18	ATG	TAG	0	0	
mORF_-_4261999	4261999	4262004	-	5	6	GTG	TAG	0	0	
mORF_-_4262026	4262026	4262034	-	5	9	GTG	TAA	0	0	
mORF_-_4262071	4262071	4262169	-	5	99	ATG	TAG	0	0	
mORF_-_4262197	4262197	4262241	-	5	45	TTG	TAG	0	0	
mORF_-_4262238	4262238	4262423	-	4	186	GTG	TGA	0	0	
mORF_-_4262287	4262287	4262310	-	5	24	ATG	TGA	0	0	

mORF_-_4262314	4262314	4262331	-	5	18	ATG	TAA	0	0
mORF_-_4262356	4262356	4262529	-	5	174	GTG	TGA	0	0
mORF_-_4262463	4262463	4262624	-	4	162	TTG	TAG	0	0
mORF_-_4262516	4262516	4262521	-	6	6	GTG	TAA	0	0
mORF_-_4262590	4262590	4262679	-	5	90	TTG	TAA	0	0
mORF_-_4262648	4262648	4262692	-	6	45	ATG	TAA	0	0
mORF_-_4262664	4262664	4262939	-	4	276	GTG	TGA	0	0
mORF_-_4262699	4262699	4262881	-	6	183	ATG	TAG	0	0
mORF_-_4262833	4262833	4262937	-	5	105	GTG	TAA	0	0
mORF_-_4262927	4262927	4262962	-	6	36	GTG	TGA	0	0
mORF_-_4262966	4262966	4263262	-	6	297	TTG	TAA	0	0
mORF_-_4263016	4263016	4263054	-	5	39	ATG	TGA	0	0
mORF_-_4263106	4263106	4263129	-	5	24	ATG	TAA	0	0
mORF_-_4263129	4263129	4263611	-	4	483	GTG	TGA	0	0
mORF_-_4263181	4263181	4263318	-	5	138	GTG	TAG	0	0
mORF_-_4263266	4263266	4263358	-	6	93	ATG	TAG	0	0
mORF_-_4263355	4263355	4263447	-	5	93	GTG	TGA	0	0
mORF_-_4263365	4263365	4263583	-	6	219	ATG	TAG	0	0
mORF_-_4263608	4263608	4263634	-	6	27	ATG	TGA	0	0
mORF_-_4263624	4263624	4263704	-	4	81	TTG	TAA	0	0
mORF_-_4263646	4263646	4263672	-	5	27	TTG	TAA	0	0
mORF_-_4263694	4263694	4263924	-	5	231	GTG	TAA	0	0
mORF_-_4263701	4263701	4263721	-	6	21	TTG	TGA	0	0
mORF_-_4263768	4263768	4263788	-	4	21	GTG	TAA	0	0
mORF_-_4263776	4263776	4263817	-	6	42	TTG	TAA	0	0
mORF_-_4263792	4263792	4263851	-	4	60	TTG	TGA	0	0
mORF_-_4263921	4263921	4264022	-	4	102	TTG	TGA	0	0
mORF_-_4264033	4264033	4264416	-	5	384	ATG	TAA	0	0
mORF_-_4264227	4264227	4264247	-	4	21	TTG	TGA	0	0
mORF_-_4264257	4264257	4264358	-	4	102	TTG	TGA	0	0
mORF_-_4264274	4264274	4264315	-	6	42	TTG	TGA	0	0
mORF_-_4264337	4264337	4264408	-	6	72	GTG	TAA	0	0
mORF_-_4264365	4264365	4264442	-	4	78	ATG	TGA	0	0
mORF_-_4264439	4264439	4264741	-	6	303	GTG	TGA	0	0
mORF_-_4264446	4264446	4264478	-	4	33	GTG	TAA	0	0
mORF_-_4264513	4264513	4264545	-	5	33	ATG	TAG	0	0
mORF_-_4264635	4264635	4264772	-	4	138	ATG	TAA	0	0
mORF_-_4264841	4264841	4264981	-	6	141	ATG	TAA	0	0
mORF_-_4264932	4264932	4264943	-	4	12	TTG	TAA	0	0
mORF_-_4264951	4264951	4264962	-	5	12	TTG	TAG	0	0
mORF_-_4264986	4264986	4265069	-	4	84	GTG	TAA	0	0
mORF_-_4265030	4265030	4265065	-	6	36	ATG	TGA	0	0
mORF_-_4265092	4265092	4265145	-	5	54	TTG	TAA	0	0
mORF_-_4265157	4265157	4265219	-	4	63	TTG	TAG	0	0
mORF_-_4265227	4265227	4265319	-	5	93	ATG	TAA	0	0
mORF_-_4265244	4265244	4265249	-	4	6	TTG	TAG	0	0
mORF_-_4265261	4265261	4265269	-	6	9	GTG	TAA	0	0
mORF_-_4265335	4265335	4265436	-	5	102	TTG	TAA	0	0
mORF_-_4265351	4265351	4265458	-	6	108	ATG	TAA	0	0
mORF_-_4265358	4265358	4265432	-	4	75	ATG	TAG	0	0
mORF_-_4265500	4265500	4265538	-	5	39	GTG	TGA	0	0
mORF_-_4265522	4265522	4265545	-	6	24	TTG	TAG	0	0
mORF_-_4265577	4265577	4265708	-	4	132	GTG	TAA	0	0
mORF_-_4265615	4265615	4265692	-	6	78	TTG	TAA	0	0
mORF_-_4265644	4265644	4265784	-	5	141	TTG	TAA	0	0
mORF_-_4265715	4265715	4265744	-	4	30	TTG	TGA	0	0
mORF_-_4265756	4265756	4265764	-	6	9	ATG	TAA	0	0
mORF_-_4265814	4265814	4265864	-	4	51	TTG	TAG	0	0
mORF_-_4265845	4265845	4265961	-	5	117	TTG	TAA	0	0
mORF_-_4265889	4265889	4265984	-	4	96	TTG	TAA	0	0
mORF_-_4265918	4265918	4266100	-	6	183	TTG	TAA	0	0
mORF_-_4265985	4265985	4266092	-	4	108	ATG	TAG	0	0
mORF_-_4266105	4266105	4266149	-	4	45	TTG	TGA	0	0

mORF_-_4266168	4266168	4266179	-	4	12	ATG	TGA	0	0	
mORF_-_4266240	4266240	4266263	-	4	24	ATG	TAG	0	0	
mORF_-_4266245	4266245	4266307	-	6	63	TTG	TGA	0	0	
mORF_-_4266277	4266277	4266297	-	5	21	TTG	TAA	0	0	
mORF_-_4266371	4266371	4266391	-	6	21	GTG	TAA	0	0	
mORF_-_4266388	4266388	4266423	-	5	36	ATG	TGA	0	0	
mORF_-_4266399	4266399	4266533	-	4	135	GTG	TAA	0	0	
mORF_-_4266473	4266473	4266481	-	6	9	TTG	TAA	0	0	
mORF_-_4266482	4266482	4266535	-	6	54	ATG	TAA	0	0	
mORF_-_4266496	4266496	4266543	-	5	48	ATG	TAA	0	0	
mORF_-_4266590	4266590	4266643	-	6	54	TTG	TAG	0	0	
mORF_-_4266655	4266655	4266777	-	5	123	TTG	TAA	0	0	
mORF_-_4266668	4266668	4266802	-	6	135	ATG	TAA	0	0	
mORF_-_4266762	4266762	4266794	-	4	33	TTG	TAA	0	0	
mORF_-_4266832	4266832	4267074	-	5	243	ATG	TAG	0	0	
mORF_-_4266894	4266894	4266911	-	4	18	TTG	TAG	0	0	
mORF_-_4266927	4266927	4266953	-	4	27	ATG	TAG	0	0	
mORF_-_4266972	4266972	4266980	-	4	9	ATG	TAA	0	0	
mORF_-_4266981	4266981	4266989	-	4	9	TTG	TAG	0	0	
mORF_-_4267017	4267017	4267022	-	4	6	ATG	TGA	0	0	
mORF_-_4267032	4267032	4267049	-	4	18	ATG	TGA	0	0	
mORF_-_4267064	4267064	4267096	-	6	33	TTG	TAA	0	0	
mORF_-_4267093	4267093	4267185	-	5	93	TTG	TGA	0	0	
mORF_-_4267110	4267110	4267154	-	4	45	ATG	TAA	0	0	
mORF_-_4267182	4267182	4267214	-	4	33	ATG	TGA	0	0	
mORF_-_4267211	4267211	4267258	-	6	48	ATG	TGA	0	0	
mORF_-_4267228	4267228	4267269	-	5	42	TTG	TAA	0	0	
mORF_-_4267239	4267239	4267244	-	4	6	ATG	TAA	0	0	
mORF_-_4267262	4267262	4267390	-	6	129	TTG	TAA	0	0	
mORF_-_4267321	4267321	4267326	-	5	6	TTG	TGA	0	0	
mORF_-_4267371	4267371	4267415	-	4	45	ATG	TGA	0	0	
mORF_-_4267394	4267394	4267399	-	6	6	TTG	TGA	0	0	
mORF_-_4267421	4267421	4267573	-	6	153	ATG	TAG	0	0	
mORF_-_4267447	4267447	4267458	-	5	12	TTG	TGA	0	0	
mORF_-_4267459	4267459	4267524	-	5	66	GTG	TGA	0	0	
mORF_-_4267521	4267521	4267814	-	4	294	ATG	TGA	0	0	
mORF_-_4267540	4267540	4267626	-	5	87	TTG	TAG	0	0	
mORF_-_4267574	4267574	4267690	-	6	117	TTG	TGA	0	0	
mORF_-_4267718	4267718	4267777	-	6	60	ATG	TAA	0	0	
mORF_-_4267771	4267771	4267965	-	5	195	TTG	TGA	0	0	
mORF_-_4267878	4267878	4268105	-	4	228	TTG	TGA	0	0	
mORF_-_4267901	4267901	4267921	-	6	21	ATG	TGA	0	0	
mORF_-_4268003	4268003	4268080	-	6	78	TTG	TAA	0	0	
mORF_-_4268026	4268026	4268037	-	5	12	GTG	TAA	0	0	
mORF_-_4268083	4268083	4268103	-	5	21	GTG	TAG	0	0	
mORF_-_4268087	4268087	4268137	-	6	51	TTG	TAG	0	0	
mORF_-_4268139	4268139	4268198	-	4	60	GTG	TGA	0	0	
mORF_-_4268195	4268195	4268311	-	6	117	ATG	TGA	0	0	
mORF_-_4268233	4268233	4268262	-	5	30	ATG	TAA	0	0	
mORF_-_4268269	4268269	4268295	-	5	27	TTG	TGA	0	0	
mORF_-_4268335	4268335	4268481	-	5	147	TTG	TGA	0	0	
mORF_-_4268358	4268358	4268411	-	4	54	GTG	TAA	0	0	
mORF_-_4268369	4268369	4268530	-	6	162	ATG	TAA	1	2	pORF_-_4268369
mORF_-_4268527	4268527	4268535	-	5	9	TTG	TGA	0	0	
mORF_-_4268532	4268532	4268555	-	4	24	ATG	TGA	0	0	
mORF_-_4268540	4268540	4268635	-	6	96	GTG	TGA	0	0	
mORF_-_4268587	4268587	4268769	-	5	183	TTG	TGA	0	0	
mORF_-_4268652	4268652	4268717	-	4	66	TTG	TGA	0	0	
mORF_-_4268663	4268663	4268668	-	6	6	TTG	TAG	0	0	
mORF_-_4268699	4268699	4268743	-	6	45	ATG	TAG	0	0	
mORF_-_4268766	4268766	4268888	-	4	123	TTG	TGA	0	0	
mORF_-_4268858	4268858	4268953	-	6	96	TTG	TAG	0	0	
mORF_-_4268863	4268863	4268919	-	5	57	GTG	TGA	0	0	

mORF_-_4268996	4268996	4269031	-	6	36	TTG	TAA	0	0	
mORF_-_4269065	4269065	4269193	-	6	129	TTG	TAA	0	0	
mORF_-_4269072	4269072	4271894	-	4	2823	ATG	TAA	35	64	pORF_-_4269072
mORF_-_4269085	4269085	4269117	-	5	33	GTG	TAA	0	0	
mORF_-_4269212	4269212	4269232	-	6	21	TTG	TGA	0	0	
mORF_-_4269233	4269233	4269370	-	6	138	GTG	TGA	0	0	
mORF_-_4269380	4269380	4269397	-	6	18	GTG	TGA	0	0	
mORF_-_4269440	4269440	4269448	-	6	9	TTG	TGA	0	0	
mORF_-_4269455	4269455	4269505	-	6	51	GTG	TGA	0	0	
mORF_-_4269521	4269521	4269577	-	6	57	GTG	TGA	0	0	
mORF_-_4269589	4269589	4269609	-	5	21	GTG	TAA	0	0	
mORF_-_4269650	4269650	4269817	-	6	168	TTG	TGA	0	0	
mORF_-_4269839	4269839	4269907	-	6	69	ATG	TGA	0	0	
mORF_-_4269908	4269908	4269925	-	6	18	TTG	TGA	0	0	
mORF_-_4270055	4270055	4270102	-	6	48	TTG	TGA	0	0	
mORF_-_4270133	4270133	4270216	-	6	84	TTG	TGA	0	0	
mORF_-_4270223	4270223	4270270	-	6	48	TTG	TGA	0	0	
mORF_-_4270271	4270271	4270426	-	6	156	GTG	TGA	0	0	
mORF_-_4270493	4270493	4270588	-	6	96	TTG	TGA	0	0	
mORF_-_4270513	4270513	4270680	-	5	168	GTG	TAA	0	0	
mORF_-_4270592	4270592	4270630	-	6	39	ATG	TGA	0	0	
mORF_-_4270703	4270703	4270804	-	6	102	GTG	TAG	0	0	
mORF_-_4270811	4270811	4270828	-	6	18	TTG	TGA	0	0	
mORF_-_4270861	4270861	4270890	-	5	30	GTG	TAA	0	0	
mORF_-_4270931	4270931	4270984	-	6	54	GTG	TGA	0	0	
mORF_-_4271012	4271012	4271113	-	6	102	GTG	TGA	0	0	
mORF_-_4271110	4271110	4271130	-	5	21	TTG	TGA	0	0	
mORF_-_4271195	4271195	4271368	-	6	174	GTG	TAG	0	0	
mORF_-_4271450	4271450	4271668	-	6	219	TTG	TGA	0	0	
mORF_-_4271693	4271693	4271758	-	6	66	ATG	TGA	0	0	
mORF_-_4271807	4271807	4271815	-	6	9	TTG	TGA	0	0	
mORF_-_4271887	4271887	4271952	-	5	66	GTG	TAA	0	0	
mORF_-_4271949	4271949	4272008	-	4	60	ATG	TGA	0	0	
mORF_-_4271959	4271959	4272066	-	5	108	GTG	TAA	0	0	
mORF_-_4271963	4271963	4271971	-	6	9	GTG	TAA	0	0	
mORF_-_4272063	4272063	4272071	-	4	9	ATG	TGA	0	0	
mORF_-_4272082	4272082	4272099	-	5	18	TTG	TAG	0	0	
mORF_-_4272108	4272108	4272113	-	4	6	GTG	TAA	0	0	
mORF_-_4272114	4272114	4272170	-	4	57	TTG	TAA	0	0	
mORF_-_4272133	4272133	4272423	-	5	291	TTG	TGA	0	0	
mORF_-_4272173	4272173	4272223	-	6	51	TTG	TAA	0	0	
mORF_-_4272213	4272213	4272335	-	4	123	TTG	TAG	0	0	
mORF_-_4272438	4272438	4272476	-	4	39	ATG	TAG	0	0	
mORF_-_4272495	4272495	4272524	-	4	30	TTG	TGA	0	0	
mORF_-_4272564	4272564	4272584	-	4	21	TTG	TGA	0	0	
mORF_-_4272585	4272585	4272692	-	4	108	ATG	TGA	0	0	
mORF_-_4272692	4272692	4272700	-	6	9	TTG	TAA	0	0	
mORF_-_4272715	4272715	4272909	-	5	195	TTG	TAA	0	0	
mORF_-_4272728	4272728	4272736	-	6	9	ATG	TAA	0	0	
mORF_-_4272783	4272783	4273163	-	4	381	TTG	TGA	0	0	
mORF_-_4272836	4272836	4272922	-	6	87	TTG	TGA	0	0	
mORF_-_4272941	4272941	4272958	-	6	18	ATG	TGA	0	0	
mORF_-_4273007	4273007	4273015	-	6	9	GTG	TAA	0	0	
mORF_-_4273015	4273015	4273071	-	5	57	TTG	TAG	0	0	
mORF_-_4273064	4273064	4273117	-	6	54	GTG	TGA	0	0	
mORF_-_4273114	4273114	4273188	-	5	75	ATG	TGA	0	0	
mORF_-_4273139	4273139	4273174	-	6	36	GTG	TAG	0	0	
mORF_-_4273201	4273201	4273230	-	5	30	ATG	TAG	0	0	
mORF_-_4273206	4273206	4273211	-	4	6	TTG	TGA	0	0	
mORF_-_4273232	4273232	4273312	-	6	81	ATG	TAA	0	0	
mORF_-_4273282	4273282	4273341	-	5	60	TTG	TAA	0	0	
mORF_-_4273338	4273338	4273355	-	4	18	ATG	TGA	0	0	
mORF_-_4273367	4273367	4273396	-	6	30	TTG	TAA	0	0	

mORF_-_4273420	4273420	4273509	-	5	90	GTG	TAA	0	0	
mORF_-_4273424	4273424	4273459	-	6	36	TTG	TAG	0	0	
mORF_-_4273449	4273449	4273517	-	4	69	TTG	TGA	0	0	
mORF_-_4273499	4273499	4273564	-	6	66	ATG	TGA	0	0	
mORF_-_4273561	4273561	4273641	-	5	81	GTG	TGA	0	0	
mORF_-_4273599	4273599	4273634	-	4	36	TTG	TGA	0	0	
mORF_-_4273631	4273631	4273663	-	6	33	ATG	TGA	0	0	
mORF_-_4273677	4273677	4273802	-	4	126	ATG	TAA	0	0	
mORF_-_4273703	4273703	4273720	-	6	18	GTG	TGA	0	0	
mORF_-_4273771	4273771	4273851	-	5	81	GTG	TAA	0	0	
mORF_-_4273812	4273812	4274012	-	4	201	TTG	TGA	3	41	pORF_-_4273812
mORF_-_4273949	4273949	4274059	-	6	111	TTG	TAA	0	0	
mORF_-_4273963	4273963	4274187	-	5	225	ATG	TGA	0	0	
mORF_-_4274052	4274052	4274096	-	4	45	ATG	TAA	0	0	
mORF_-_4274106	4274106	4274117	-	4	12	TTG	TAA	0	0	
mORF_-_4274144	4274144	4274173	-	6	30	ATG	TAA	0	0	
mORF_-_4274184	4274184	4274219	-	4	36	ATG	TGA	0	0	
mORF_-_4274221	4274221	4274364	-	5	144	TTG	TAA	0	0	
mORF_-_4274277	4274277	4274291	-	4	15	TTG	TAG	0	0	
mORF_-_4274294	4274294	4274308	-	6	15	TTG	TAG	0	0	
mORF_-_4274298	4274298	4274342	-	4	45	TTG	TAA	0	0	
mORF_-_4274354	4274354	4274377	-	6	24	TTG	TAA	0	0	
mORF_-_4274409	4274409	4274597	-	4	189	ATG	TAA	0	0	
mORF_-_4274506	4274506	4274550	-	5	45	GTG	TAA	0	0	
mORF_-_4274572	4274572	4274604	-	5	33	GTG	TAA	0	0	
mORF_-_4274594	4274594	4274623	-	6	30	TTG	TGA	0	0	
mORF_-_4274601	4274601	4274789	-	4	189	ATG	TGA	0	0	
mORF_-_4274624	4274624	4274704	-	6	81	TTG	TGA	0	0	
mORF_-_4274662	4274662	4274688	-	5	27	ATG	TAA	0	0	
mORF_-_4274716	4274716	4274754	-	5	39	TTG	TAA	0	0	
mORF_-_4274774	4274774	4274860	-	6	87	TTG	TAG	0	0	
mORF_-_4274794	4274794	4274802	-	5	9	ATG	TAA	0	0	
mORF_-_4274799	4274799	4274903	-	4	105	GTG	TGA	0	0	
mORF_-_4274867	4274867	4274968	-	6	102	TTG	TGA	0	0	
mORF_-_4274913	4274913	4275047	-	4	135	TTG	TAA	0	0	
mORF_-_4275028	4275028	4275258	-	5	231	TTG	TAA	0	0	
mORF_-_4275063	4275063	4275077	-	4	15	TTG	TAA	0	0	
mORF_-_4275083	4275083	4275406	-	6	324	ATG	TAA	0	0	
mORF_-_4275213	4275213	4275302	-	4	90	GTG	TGA	0	0	
mORF_-_4275328	4275328	4275366	-	5	39	TTG	TAG	0	0	
mORF_-_4275363	4275363	4275371	-	4	9	ATG	TGA	0	0	
mORF_-_4275436	4275436	4275468	-	5	33	TTG	TAA	0	0	
mORF_-_4275470	4275470	4275514	-	6	45	ATG	TAA	0	0	
mORF_-_4275525	4275525	4275743	-	4	219	ATG	TAG	0	0	
mORF_-_4275581	4275581	4275625	-	6	45	TTG	TAG	0	0	
mORF_-_4275601	4275601	4275666	-	5	66	TTG	TAA	0	0	
mORF_-_4275626	4275626	4275673	-	6	48	TTG	TGA	0	0	
mORF_-_4275670	4275670	4276047	-	5	378	GTG	TGA	0	0	
mORF_-_4275680	4275680	4275808	-	6	129	ATG	TGA	0	0	
mORF_-_4275747	4275747	4275812	-	4	66	ATG	TAA	0	0	
mORF_-_4275906	4275906	4275950	-	4	45	TTG	TAA	0	0	
mORF_-_4275953	4275953	4275964	-	6	12	GTG	TAG	0	0	
mORF_-_4275974	4275974	4276162	-	6	189	ATG	TAA	0	0	
mORF_-_4276041	4276041	4276049	-	4	9	GTG	TGA	0	0	
mORF_-_4276051	4276051	4276062	-	5	12	GTG	TGA	0	0	
mORF_-_4276093	4276093	4276107	-	5	15	GTG	TAA	0	0	
mORF_-_4276159	4276159	4276272	-	5	114	TTG	TGA	0	0	
mORF_-_4276176	4276176	4276250	-	4	75	TTG	TAA	0	0	
mORF_-_4276247	4276247	4276465	-	6	219	ATG	TGA	0	0	
mORF_-_4276269	4276269	4276298	-	4	30	TTG	TGA	0	0	
mORF_-_4276348	4276348	4276461	-	5	114	GTG	TAA	0	0	
mORF_-_4276374	4276374	4276403	-	4	30	TTG	TAG	0	0	
mORF_-_4276477	4276477	4276572	-	5	96	GTG	TAA	0	0	

mORF_-_4276506	4276506	4276535	-	4	30	GTG	TAG	0	0	
mORF_-_4276548	4276548	4276604	-	4	57	TTG	TAA	0	0	
mORF_-_4276556	4276556	4276561	-	6	6	TTG	TGA	0	0	
mORF_-_4276598	4276598	4276930	-	6	333	GTG	TAA	1	2	pORF_-_4276598
mORF_-_4276621	4276621	4276908	-	5	288	TTG	TAG	0	0	
mORF_-_4276629	4276629	4276691	-	4	63	TTG	TGA	0	0	
mORF_-_4276782	4276782	4276790	-	4	9	ATG	TAA	0	0	
mORF_-_4276915	4276915	4277517	-	5	603	GTG	TGA	1	2	pORF_-_4276915
mORF_-_4277055	4277055	4277063	-	4	9	GTG	TAA	0	0	
mORF_-_4277130	4277130	4277144	-	4	15	TTG	TAA	0	0	
mORF_-_4277141	4277141	4277176	-	6	36	ATG	TGA	0	0	
mORF_-_4277166	4277166	4277228	-	4	63	GTG	TAG	0	0	
mORF_-_4277247	4277247	4277279	-	4	33	TTG	TAA	0	0	
mORF_-_4277376	4277376	4277396	-	4	21	GTG	TGA	0	0	
mORF_-_4277514	4277514	4277585	-	4	72	TTG	TGA	0	0	
mORF_-_4277563	4277563	4277790	-	5	228	ATG	TAA	0	0	
mORF_-_4277848	4277848	4277859	-	5	12	ATG	TAG	0	0	
mORF_-_4277856	4277856	4278104	-	4	249	TTG	TGA	0	0	
mORF_-_4277896	4277896	4277958	-	5	63	ATG	TAA	0	0	
mORF_-_4277969	4277969	4278073	-	6	105	ATG	TGA	0	0	
mORF_-_4277974	4277974	4277991	-	5	18	TTG	TGA	0	0	
mORF_-_4278080	4278080	4278301	-	6	222	ATG	TGA	0	0	
mORF_-_4278120	4278120	4278149	-	4	30	ATG	TAG	0	0	
mORF_-_4278174	4278174	4278716	-	4	543	ATG	TAA	0	0	
mORF_-_4278314	4278314	4278571	-	6	258	ATG	TAA	0	0	
mORF_-_4278631	4278631	4278690	-	5	60	ATG	TGA	0	0	
mORF_-_4278698	4278698	4279123	-	6	426	GTG	TAA	0	0	
mORF_-_4278763	4278763	4278816	-	5	54	TTG	TGA	0	0	
mORF_-_4279024	4279024	4279077	-	5	54	GTG	TGA	0	0	
mORF_-_4279184	4279184	4279270	-	6	87	ATG	TAG	0	0	
mORF_-_4279252	4279252	4279326	-	5	75	TTG	TAG	0	0	
mORF_-_4279260	4279260	4279595	-	4	336	TTG	TAG	0	0	
mORF_-_4279283	4279283	4279435	-	6	153	ATG	TGA	1	6	pORF_-_4279283
mORF_-_4279432	4279432	4279569	-	5	138	GTG	TGA	0	0	
mORF_-_4279550	4279550	4279582	-	6	33	TTG	TAA	0	0	
mORF_-_4279599	4279599	4279607	-	4	9	GTG	TAA	0	0	
mORF_-_4279632	4279632	4279736	-	4	105	ATG	TAG	0	0	
mORF_-_4279646	4279646	4279699	-	6	54	TTG	TGA	0	0	
mORF_-_4279720	4279720	4279740	-	5	21	ATG	TAA	0	0	
mORF_-_4279745	4279745	4279753	-	6	9	TTG	TAG	0	0	
mORF_-_4279759	4279759	4279809	-	5	51	TTG	TAA	0	0	
mORF_-_4279776	4279776	4279784	-	4	9	ATG	TGA	0	0	
mORF_-_4279781	4279781	4279816	-	6	36	ATG	TGA	0	0	
mORF_-_4279806	4279806	4281098	-	4	1293	ATG	TGA	0	0	
mORF_-_4279841	4279841	4279909	-	6	69	TTG	TGA	0	0	
mORF_-_4279867	4279867	4279899	-	5	33	TTG	TGA	0	0	
mORF_-_4279925	4279925	4280017	-	6	93	GTG	TAA	0	0	
mORF_-_4280032	4280032	4280076	-	5	45	TTG	TAA	0	0	
mORF_-_4280081	4280081	4280107	-	6	27	ATG	TAA	0	0	
mORF_-_4280116	4280116	4280130	-	5	15	ATG	TAA	0	0	
mORF_-_4280156	4280156	4280185	-	6	30	TTG	TAA	0	0	
mORF_-_4280216	4280216	4280248	-	6	33	TTG	TGA	0	0	
mORF_-_4280255	4280255	4280263	-	6	9	TTG	TAA	0	0	
mORF_-_4280327	4280327	4280368	-	6	42	TTG	TAA	0	0	
mORF_-_4280392	4280392	4280436	-	5	45	ATG	TAG	0	0	
mORF_-_4280396	4280396	4280422	-	6	27	ATG	TGA	0	0	
mORF_-_4280462	4280462	4280503	-	6	42	TTG	TAA	0	0	
mORF_-_4280482	4280482	4280496	-	5	15	TTG	TGA	0	0	
mORF_-_4280519	4280519	4280617	-	6	99	ATG	TAA	0	0	
mORF_-_4280551	4280551	4280586	-	5	36	TTG	TAA	0	0	
mORF_-_4280636	4280636	4280668	-	6	33	ATG	TGA	0	0	
mORF_-_4280669	4280669	4280713	-	6	45	ATG	TAA	0	0	
mORF_-_4280717	4280717	4280806	-	6	90	ATG	TAA	0	0	

mORF_-_4280788	4280788	4280793	-	5	6	ATG	TGA	0	0	
mORF_-_4280819	4280819	4280884	-	6	66	ATG	TAG	0	0	
mORF_-_4280915	4280915	4280965	-	6	51	TTG	TGA	0	0	
mORF_-_4281049	4281049	4281060	-	5	12	TTG	TAA	0	0	
mORF_-_4281080	4281080	4281151	-	6	72	ATG	TAA	0	0	
mORF_-_4281088	4281088	4281120	-	5	33	TTG	TAA	0	0	
mORF_-_4281114	4281114	4281167	-	4	54	TTG	TAA	0	0	
mORF_-_4281164	4281164	4281178	-	6	15	ATG	TGA	0	0	
mORF_-_4281205	4281205	4281225	-	5	21	ATG	TAA	0	0	
mORF_-_4281251	4281251	4281466	-	6	216	TTG	TGA	0	0	
mORF_-_4281276	4281276	4282925	-	4	1650	ATG	TAA	3	14	pORF_-_4281276
mORF_-_4281436	4281436	4281480	-	5	45	TTG	TGA	0	0	
mORF_-_4281518	4281518	4281535	-	6	18	GTG	TGA	0	0	
mORF_-_4281539	4281539	4281550	-	6	12	GTG	TGA	0	0	
mORF_-_4281557	4281557	4281682	-	6	126	TTG	TGA	0	0	
mORF_-_4281695	4281695	4281772	-	6	78	ATG	TGA	0	0	
mORF_-_4281800	4281800	4281916	-	6	117	TTG	TGA	0	0	
mORF_-_4281917	4281917	4281958	-	6	42	TTG	TGA	0	0	
mORF_-_4281992	4281992	4282057	-	6	66	ATG	TGA	0	0	
mORF_-_4282079	4282079	4282108	-	6	30	TTG	TGA	0	0	
mORF_-_4282169	4282169	4282210	-	6	42	GTG	TGA	0	0	
mORF_-_4282247	4282247	4282273	-	6	27	GTG	TGA	0	0	
mORF_-_4282352	4282352	4282396	-	6	45	TTG	TGA	0	0	
mORF_-_4282409	4282409	4282471	-	6	63	GTG	TGA	0	0	
mORF_-_4282502	4282502	4282564	-	6	63	TTG	TGA	0	0	
mORF_-_4282613	4282613	4282690	-	6	78	TTG	TAA	0	0	
mORF_-_4282847	4282847	4282903	-	6	57	TTG	TAG	0	0	
mORF_-_4282876	4282876	4283010	-	5	135	TTG	TAA	0	0	
mORF_-_4282922	4282922	4283239	-	6	318	GTG	TGA	1	4	pORF_-_4282922
mORF_-_4283017	4283017	4283022	-	5	6	TTG	TGA	0	0	
mORF_-_4283023	4283023	4283037	-	5	15	TTG	TGA	0	0	
mORF_-_4283107	4283107	4283163	-	5	57	TTG	TGA	0	0	
mORF_-_4283182	4283182	4283202	-	5	21	ATG	TAG	0	0	
mORF_-_4283209	4283209	4283232	-	5	24	ATG	TAG	0	0	
mORF_-_4283236	4283236	4283364	-	5	129	TTG	TGA	0	0	
mORF_-_4283285	4283285	4283353	-	6	69	ATG	TAA	0	0	
mORF_-_4283343	4283343	4283360	-	4	18	TTG	TAA	0	0	
mORF_-_4283398	4283398	4283421	-	5	24	ATG	TAG	0	0	
mORF_-_4283408	4283408	4283470	-	6	63	TTG	TAA	0	0	
mORF_-_4283436	4283436	4285394	-	4	1959	ATG	TAA	96	955	pORF_-_4283436
mORF_-_4283483	4283483	4283635	-	6	153	TTG	TAG	0	0	
mORF_-_4283753	4283753	4283800	-	6	48	TTG	TAG	0	0	
mORF_-_4283834	4283834	4283851	-	6	18	GTG	TGA	0	0	
mORF_-_4283858	4283858	4283962	-	6	105	TTG	TAA	0	0	
mORF_-_4284043	4284043	4284213	-	5	171	GTG	TAA	0	0	
mORF_-_4284302	4284302	4284406	-	6	105	TTG	TGA	0	0	
mORF_-_4284403	4284403	4284489	-	5	87	GTG	TGA	0	0	
mORF_-_4284410	4284410	4284424	-	6	15	GTG	TGA	0	0	
mORF_-_4284464	4284464	4284523	-	6	60	ATG	TGA	0	0	
mORF_-_4284533	4284533	4284577	-	6	45	GTG	TGA	0	0	
mORF_-_4284635	4284635	4284715	-	6	81	TTG	TGA	0	0	
mORF_-_4284670	4284670	4284690	-	5	21	GTG	TGA	0	0	
mORF_-_4284734	4284734	4284748	-	6	15	ATG	TGA	0	0	
mORF_-_4284776	4284776	4284790	-	6	15	TTG	TGA	0	0	
mORF_-_4284800	4284800	4284829	-	6	30	GTG	TGA	0	0	
mORF_-_4284845	4284845	4284883	-	6	39	TTG	TGA	0	0	
mORF_-_4284911	4284911	4285150	-	6	240	TTG	TGA	0	0	
mORF_-_4285147	4285147	4285191	-	5	45	ATG	TGA	0	0	
mORF_-_4285169	4285169	4285216	-	6	48	TTG	TGA	0	0	
mORF_-_4285229	4285229	4285258	-	6	30	TTG	TGA	0	0	
mORF_-_4285297	4285297	4285434	-	5	138	ATG	TAA	0	0	
mORF_-_4285440	4285440	4285490	-	4	51	GTG	TAA	0	0	
mORF_-_4285468	4285468	4285494	-	5	27	TTG	TAA	0	0	

mORF_-_4285487	4285487	4285546	-	6	60	TTG	TGA	0	0
mORF_-_4285537	4285537	4285584	-	5	48	ATG	TGA	0	0
mORF_-_4285577	4285577	4285639	-	6	63	GTG	TAA	0	0
mORF_-_4285630	4285630	4285662	-	5	33	ATG	TAA	0	0
mORF_-_4285640	4285640	4285666	-	6	27	GTG	TAA	0	0
mORF_-_4285674	4285674	4285754	-	4	81	ATG	TAA	0	0
mORF_-_4285681	4285681	4285686	-	5	6	GTG	TAA	0	0
mORF_-_4285703	4285703	4285762	-	6	60	TTG	TGA	0	0
mORF_-_4285723	4285723	4285851	-	5	129	GTG	TAA	0	0
mORF_-_4285785	4285785	4285811	-	4	27	GTG	TAG	0	0
mORF_-_4285826	4285826	4285942	-	6	117	TTG	TAA	0	0
mORF_-_4285848	4285848	4286150	-	4	303	ATG	TGA	0	0
mORF_-_4285939	4285939	4285962	-	5	24	GTG	TGA	0	0
mORF_-_4285973	4285973	4286068	-	6	96	ATG	TGA	0	0
mORF_-_4286047	4286047	4286055	-	5	9	TTG	TAA	0	0
mORF_-_4286138	4286138	4286218	-	6	81	GTG	TAG	0	0
mORF_-_4286209	4286209	4286361	-	5	153	ATG	TAG	0	0
mORF_-_4286258	4286258	4286278	-	6	21	ATG	TAA	0	0
mORF_-_4286318	4286318	4286965	-	6	648	GTG	TAA	0	0
mORF_-_4286434	4286434	4286484	-	5	51	ATG	TAA	0	0
mORF_-_4286509	4286509	4286607	-	5	99	ATG	TAA	0	0
mORF_-_4286538	4286538	4286651	-	4	114	TTG	TAG	0	0
mORF_-_4286608	4286608	4286673	-	5	66	TTG	TGA	0	0
mORF_-_4286677	4286677	4286811	-	5	135	TTG	TAG	0	0
mORF_-_4286808	4286808	4287023	-	4	216	GTG	TGA	0	0
mORF_-_4286911	4286911	4286955	-	5	45	ATG	TGA	0	0
mORF_-_4286956	4286956	4287255	-	5	300	GTG	TGA	0	0
mORF_-_4286981	4286981	4287067	-	6	87	ATG	TAA	0	0
mORF_-_4287060	4287060	4287092	-	4	33	TTG	TGA	0	0
mORF_-_4287089	4287089	4287136	-	6	48	TTG	TGA	0	0
mORF_-_4287162	4287162	4287257	-	4	96	TTG	TGA	0	0
mORF_-_4287212	4287212	4287241	-	6	30	TTG	TAA	0	0
mORF_-_4287289	4287289	4287513	-	5	225	GTG	TAA	0	0
mORF_-_4287344	4287344	4287364	-	6	21	ATG	TAG	0	0
mORF_-_4287423	4287423	4287506	-	4	84	TTG	TGA	0	0
mORF_-_4287494	4287494	4287526	-	6	33	GTG	TGA	0	0
mORF_-_4287510	4287510	4287581	-	4	72	TTG	TGA	0	0
mORF_-_4287523	4287523	4287711	-	5	189	TTG	TGA	0	0
mORF_-_4287563	4287563	4287706	-	6	144	GTG	TAA	0	0
mORF_-_4287615	4287615	4287737	-	4	123	TTG	TGA	0	0
mORF_-_4287727	4287727	4287768	-	5	42	GTG	TAA	0	0
mORF_-_4287774	4287774	4287953	-	4	180	ATG	TGA	0	0
mORF_-_4287818	4287818	4287928	-	6	111	TTG	TAA	0	0
mORF_-_4287938	4287938	4288012	-	6	75	TTG	TAA	0	0
mORF_-_4287963	4287963	4288727	-	4	765	TTG	TAA	0	0
mORF_-_4288214	4288214	4288423	-	6	210	GTG	TGA	0	0
mORF_-_4288430	4288430	4288522	-	6	93	ATG	TAG	0	0
mORF_-_4288519	4288519	4288557	-	5	39	ATG	TGA	0	0
mORF_-_4288610	4288610	4289152	-	6	543	GTG	TAA	0	0
mORF_-_4288621	4288621	4288665	-	5	45	GTG	TAG	0	0
mORF_-_4288767	4288767	4288949	-	4	183	ATG	TAA	0	0
mORF_-_4288807	4288807	4288812	-	5	6	ATG	TAG	0	0
mORF_-_4288981	4288981	4289424	-	5	444	ATG	TAA	0	0
mORF_-_4289025	4289025	4289324	-	4	300	TTG	TGA	0	0
mORF_-_4289258	4289258	4289689	-	6	432	ATG	TAA	0	0
mORF_-_4289517	4289517	4289834	-	4	318	TTG	TAA	0	0
mORF_-_4289708	4289708	4289734	-	6	27	TTG	TAG	0	0
mORF_-_4289822	4289822	4289965	-	6	144	TTG	TAA	0	0
mORF_-_4289875	4289875	4289946	-	5	72	TTG	TGA	0	0
mORF_-_4289892	4289892	4289999	-	4	108	ATG	TAG	0	0
mORF_-_4289989	4289989	4290135	-	5	147	ATG	TAA	0	0
mORF_-_4290020	4290020	4290151	-	6	132	ATG	TAG	0	0
mORF_-_4290148	4290148	4290279	-	5	132	GTG	TGA	0	0

mORF_-_4290170	4290170	4290373	-	6	204	ATG	TAG	0	0
mORF_-_4290231	4290231	4290302	-	4	72	GTG	TAA	0	0
mORF_-_4290354	4290354	4290506	-	4	153	ATG	TAA	0	0
mORF_-_4290427	4290427	4290441	-	5	15	GTG	TGA	0	0
mORF_-_4290605	4290605	4290724	-	6	120	TTG	TAA	0	0
mORF_-_4290666	4290666	4290755	-	4	90	ATG	TAA	0	0
mORF_-_4290814	4290814	4291017	-	5	204	TTG	TGA	0	0
mORF_-_4290836	4290836	4290901	-	6	66	TTG	TGA	0	0
mORF_-_4290885	4290885	4291001	-	4	117	TTG	TAG	0	0
mORF_-_4290902	4290902	4290907	-	6	6	GTG	TAA	0	0
mORF_-_4290941	4290941	4290952	-	6	12	ATG	TGA	0	0
mORF_-_4290995	4290995	4291054	-	6	60	ATG	TGA	0	0
mORF_-_4291014	4291014	4291103	-	4	90	TTG	TGA	0	0
mORF_-_4291051	4291051	4291155	-	5	105	ATG	TGA	0	0
mORF_-_4291158	4291158	4291205	-	4	48	GTG	TAA	0	0
mORF_-_4291216	4291216	4291284	-	5	69	TTG	TAA	0	0
mORF_-_4291239	4291239	4291268	-	4	30	TTG	TGA	0	0
mORF_-_4291309	4291309	4291335	-	5	27	TTG	TAA	0	0
mORF_-_4291332	4291332	4291352	-	4	21	TTG	TGA	0	0
mORF_-_4291339	4291339	4291380	-	5	42	ATG	TAA	0	0
mORF_-_4291386	4291386	4291427	-	4	42	ATG	TAA	0	0
mORF_-_4291424	4291424	4291609	-	6	186	GTG	TGA	0	0
mORF_-_4291522	4291522	4291605	-	5	84	GTG	TAA	0	0
mORF_-_4291606	4291606	4291749	-	5	144	ATG	TGA	0	0
mORF_-_4291701	4291701	4291778	-	4	78	TTG	TAG	0	0
mORF_-_4291768	4291768	4291959	-	5	192	TTG	TAG	0	0
mORF_-_4291797	4291797	4291868	-	4	72	TTG	TAA	0	0
mORF_-_4291829	4291829	4291837	-	6	9	TTG	TAA	0	0
mORF_-_4291869	4291869	4292051	-	4	183	TTG	TAG	0	0
mORF_-_4291919	4291919	4291999	-	6	81	GTG	TAA	0	0
mORF_-_4292042	4292042	4292086	-	6	45	TTG	TAG	0	0
mORF_-_4292061	4292061	4292069	-	4	9	TTG	TAG	0	0
mORF_-_4292083	4292083	4292091	-	5	9	GTG	TGA	0	0
mORF_-_4292098	4292098	4292109	-	5	12	GTG	TAA	0	0
mORF_-_4292125	4292125	4292166	-	5	42	ATG	TAA	0	0
mORF_-_4292163	4292163	4292219	-	4	57	ATG	TGA	0	0
mORF_-_4292180	4292180	4292236	-	6	57	GTG	TAA	0	0
mORF_-_4292185	4292185	4292226	-	5	42	TTG	TGA	0	0
mORF_-_4292246	4292246	4292308	-	6	63	ATG	TAA	0	0
mORF_-_4292256	4292256	4292279	-	4	24	ATG	TAA	0	0
mORF_-_4292296	4292296	4292427	-	5	132	GTG	TAA	0	0
mORF_-_4292352	4292352	4292393	-	4	42	ATG	TAA	0	0
mORF_-_4292399	4292399	4293217	-	6	819	ATG	TAA	0	0
mORF_-_4292409	4292409	4292429	-	4	21	TTG	TAG	0	0
mORF_-_4292449	4292449	4292499	-	5	51	ATG	TGA	0	0
mORF_-_4292500	4292500	4292562	-	5	63	ATG	TGA	0	0
mORF_-_4292584	4292584	4292757	-	5	174	ATG	TAG	0	0
mORF_-_4292761	4292761	4292805	-	5	45	GTG	TAG	0	0
mORF_-_4292878	4292878	4293090	-	5	213	ATG	TGA	0	0
mORF_-_4293093	4293093	4293125	-	4	33	GTG	TAA	0	0
mORF_-_4293103	4293103	4293108	-	5	6	ATG	TGA	0	0
mORF_-_4293118	4293118	4293333	-	5	216	GTG	TAA	0	0
mORF_-_4293162	4293162	4293191	-	4	30	GTG	TAG	0	0
mORF_-_4293275	4293275	4293841	-	6	567	GTG	TAA	0	0
mORF_-_4293363	4293363	4293392	-	4	30	GTG	TAA	0	0
mORF_-_4293382	4293382	4293405	-	5	24	GTG	TAG	0	0
mORF_-_4293460	4293460	4293744	-	5	285	TTG	TGA	0	0
mORF_-_4293525	4293525	4293605	-	4	81	TTG	TGA	0	0
mORF_-_4293645	4293645	4293848	-	4	204	TTG	TAA	0	0
mORF_-_4293769	4293769	4293792	-	5	24	TTG	TAA	0	0
mORF_-_4293891	4293891	4293908	-	4	18	TTG	TAG	0	0
mORF_-_4293918	4293918	4293959	-	4	42	ATG	TAA	0	0
mORF_-_4293949	4293949	4293969	-	5	21	TTG	TAA	0	0

mORF_-_4294004	4294004	4294021	-	6	18	TTG	TAG	0	0	
mORF_-_4294031	4294031	4294072	-	6	42	ATG	TAA	0	0	
mORF_-_4294062	4294062	4294082	-	4	21	TTG	TAA	0	0	
mORF_-_4294117	4294117	4294134	-	5	18	TTG	TAG	0	0	
mORF_-_4294144	4294144	4294185	-	5	42	ATG	TAA	0	0	
mORF_-_4294175	4294175	4294195	-	6	21	TTG	TAA	0	0	
mORF_-_4294230	4294230	4294247	-	4	18	TTG	TAG	0	0	
mORF_-_4294257	4294257	4294298	-	4	42	ATG	TAA	0	0	
mORF_-_4294288	4294288	4294308	-	5	21	TTG	TAA	0	0	
mORF_-_4294324	4294324	4294419	-	5	96	TTG	TAA	0	0	
mORF_-_4294343	4294343	4294360	-	6	18	TTG	TAG	0	0	
mORF_-_4294401	4294401	4294409	-	4	9	ATG	TAA	0	0	
mORF_-_4294459	4294459	4295148	-	5	690	ATG	TAA	1	3	pORF_-_4294459
mORF_-_4294470	4294470	4294502	-	4	33	TTG	TAA	0	0	
mORF_-_4294487	4294487	4294492	-	6	6	GTG	TGA	0	0	
mORF_-_4294524	4294524	4294574	-	4	51	GTG	TGA	0	0	
mORF_-_4294587	4294587	4294664	-	4	78	ATG	TGA	0	0	
mORF_-_4294698	4294698	4294721	-	4	24	ATG	TGA	0	0	
mORF_-_4294830	4294830	4294955	-	4	126	GTG	TAA	0	0	
mORF_-_4294952	4294952	4294981	-	6	30	TTG	TGA	0	0	
mORF_-_4294995	4294995	4295027	-	4	33	TTG	TGA	0	0	
mORF_-_4295067	4295067	4295108	-	4	42	TTG	TAA	0	0	
mORF_-_4295242	4295242	4296921	-	5	1680	ATG	TAA	0	0	
mORF_-_4295274	4295274	4295294	-	4	21	TTG	TGA	0	0	
mORF_-_4295382	4295382	4295417	-	4	36	TTG	TAA	0	0	
mORF_-_4295405	4295405	4295425	-	6	21	GTG	TAA	0	0	
mORF_-_4295433	4295433	4295606	-	4	174	GTG	TGA	0	0	
mORF_-_4295495	4295495	4295512	-	6	18	TTG	TAA	0	0	
mORF_-_4295609	4295609	4295629	-	6	21	TTG	TAA	0	0	
mORF_-_4295616	4295616	4295648	-	4	33	GTG	TGA	0	0	
mORF_-_4295700	4295700	4295942	-	4	243	GTG	TAG	0	0	
mORF_-_4295756	4295756	4295866	-	6	111	GTG	TAA	0	0	
mORF_-_4295939	4295939	4295974	-	6	36	ATG	TGA	0	0	
mORF_-_4295964	4295964	4296071	-	4	108	ATG	TGA	0	0	
mORF_-_4296035	4296035	4296049	-	6	15	GTG	TGA	0	0	
mORF_-_4296093	4296093	4296215	-	4	123	ATG	TGA	0	0	
mORF_-_4296318	4296318	4296413	-	4	96	ATG	TGA	0	0	
mORF_-_4296428	4296428	4296508	-	6	81	GTG	TAA	0	0	
mORF_-_4296492	4296492	4296707	-	4	216	ATG	TAA	0	0	
mORF_-_4296735	4296735	4296773	-	4	39	TTG	TGA	0	0	
mORF_-_4296882	4296882	4296914	-	4	33	ATG	TAG	0	0	
mORF_-_4296918	4296918	4297022	-	4	105	TTG	TGA	0	0	
mORF_-_4296970	4296970	4297389	-	5	420	ATG	TGA	0	0	
mORF_-_4297032	4297032	4297088	-	4	57	ATG	TAA	0	0	
mORF_-_4297116	4297116	4297130	-	4	15	TTG	TGA	0	0	
mORF_-_4297137	4297137	4297178	-	4	42	GTG	TGA	0	0	
mORF_-_4297215	4297215	4297250	-	4	36	ATG	TGA	0	0	
mORF_-_4297232	4297232	4297267	-	6	36	GTG	TAA	0	0	
mORF_-_4297322	4297322	4297420	-	6	99	ATG	TAA	0	0	
mORF_-_4297408	4297408	4297416	-	5	9	GTG	TGA	0	0	
mORF_-_4297413	4297413	4297445	-	4	33	ATG	TGA	0	0	
mORF_-_4297433	4297433	4297474	-	6	42	ATG	TAG	0	0	
mORF_-_4297449	4297449	4297457	-	4	9	GTG	TAA	0	0	
mORF_-_4297461	4297461	4297493	-	4	33	GTG	TAA	0	0	
mORF_-_4297493	4297493	4297504	-	6	12	TTG	TAG	0	0	
mORF_-_4297530	4297530	4297574	-	4	45	GTG	TGA	0	0	
mORF_-_4297571	4297571	4297585	-	6	15	ATG	TGA	0	0	
mORF_-_4297587	4297587	4299053	-	4	1467	ATG	TAA	0	0	
mORF_-_4297679	4297679	4297702	-	6	24	TTG	TGA	0	0	
mORF_-_4297742	4297742	4297867	-	6	126	GTG	TAA	0	0	
mORF_-_4297877	4297877	4297903	-	6	27	TTG	TGA	0	0	
mORF_-_4297907	4297907	4297945	-	6	39	ATG	TGA	0	0	
mORF_-_4297946	4297946	4297963	-	6	18	TTG	TGA	0	0	

mORF_-_4297976	4297976	4298068	-	6	93	TTG	TGA	0	0	
mORF_-_4298108	4298108	4298254	-	6	147	TTG	TAG	0	0	
mORF_-_4298255	4298255	4298308	-	6	54	TTG	TGA	0	0	
mORF_-_4298399	4298399	4298413	-	6	15	TTG	TGA	0	0	
mORF_-_4298414	4298414	4298419	-	6	6	ATG	TGA	0	0	
mORF_-_4298507	4298507	4298605	-	6	99	TTG	TAG	0	0	
mORF_-_4298536	4298536	4298583	-	5	48	GTG	TAA	0	0	
mORF_-_4298612	4298612	4298662	-	6	51	ATG	TAG	0	0	
mORF_-_4298678	4298678	4298701	-	6	24	GTG	TAA	0	0	
mORF_-_4298720	4298720	4298752	-	6	33	ATG	TAG	0	0	
mORF_-_4298753	4298753	4298821	-	6	69	GTG	TAG	0	0	
mORF_-_4298837	4298837	4298983	-	6	147	GTG	TGA	0	0	
mORF_-_4298857	4298857	4298877	-	5	21	GTG	TGA	0	0	
mORF_-_4298968	4298968	4299021	-	5	54	GTG	TAA	0	0	
mORF_-_4299050	4299050	4301101	-	6	2052	ATG	TGA	0	0	
mORF_-_4299151	4299151	4299195	-	5	45	TTG	TAA	0	0	
mORF_-_4299199	4299199	4299381	-	5	183	TTG	TAA	0	0	
mORF_-_4299378	4299378	4299437	-	4	60	GTG	TGA	0	0	
mORF_-_4299382	4299382	4299465	-	5	84	ATG	TGA	0	0	
mORF_-_4299541	4299541	4299606	-	5	66	TTG	TAA	0	0	
mORF_-_4299616	4299616	4299933	-	5	318	ATG	TGA	0	0	
mORF_-_4299759	4299759	4299884	-	4	126	TTG	TGA	0	0	
mORF_-_4299939	4299939	4299956	-	4	18	ATG	TAA	0	0	
mORF_-_4300036	4300036	4300248	-	5	213	ATG	TAA	0	0	
mORF_-_4300170	4300170	4300175	-	4	6	ATG	TAA	0	0	
mORF_-_4300200	4300200	4300229	-	4	30	GTG	TGA	0	0	
mORF_-_4300273	4300273	4300314	-	5	42	TTG	TAG	0	0	
mORF_-_4300308	4300308	4300424	-	4	117	TTG	TGA	0	0	
mORF_-_4300357	4300357	4300464	-	5	108	TTG	TAA	0	0	
mORF_-_4300498	4300498	4300560	-	5	63	GTG	TGA	0	0	
mORF_-_4300530	4300530	4300814	-	4	285	ATG	TAA	0	0	
mORF_-_4300594	4300594	4300620	-	5	27	TTG	TGA	0	0	
mORF_-_4300636	4300636	4300701	-	5	66	TTG	TAA	0	0	
mORF_-_4300822	4300822	4300953	-	5	132	TTG	TGA	0	0	
mORF_-_4301035	4301035	4301046	-	5	12	ATG	TAA	0	0	
mORF_-_4301043	4301043	4301321	-	4	279	GTG	TGA	0	0	
mORF_-_4301101	4301101	4302132	-	5	1032	ATG	TAA	1	2	pORF_-_4301101
mORF_-_4301391	4301391	4301396	-	4	6	ATG	TGA	0	0	
mORF_-_4301415	4301415	4301489	-	4	75	TTG	TAA	0	0	
mORF_-_4301529	4301529	4301567	-	4	39	TTG	TGA	0	0	
mORF_-_4301568	4301568	4301690	-	4	123	TTG	TAG	0	0	
mORF_-_4301700	4301700	4301753	-	4	54	GTG	TGA	0	0	
mORF_-_4301763	4301763	4301807	-	4	45	TTG	TAG	0	0	
mORF_-_4301952	4301952	4302029	-	4	78	GTG	TAG	0	0	
mORF_-_4302033	4302033	4302077	-	4	45	TTG	TAG	0	0	
mORF_-_4302081	4302081	4302218	-	4	138	TTG	TAG	0	0	
mORF_-_4302098	4302098	4302349	-	6	252	ATG	TAA	0	0	
mORF_-_4302151	4302151	4302474	-	5	324	TTG	TAA	0	0	
mORF_-_4302267	4302267	4302284	-	4	18	TTG	TGA	0	0	
mORF_-_4302372	4302372	4302455	-	4	84	TTG	TAA	0	0	
mORF_-_4302428	4302428	4302481	-	6	54	ATG	TAA	0	0	
mORF_-_4302471	4302471	4302542	-	4	72	ATG	TGA	0	0	
mORF_-_4302526	4302526	4302546	-	5	21	ATG	TAA	0	0	
mORF_-_4302543	4302543	4302662	-	4	120	GTG	TGA	0	0	
mORF_-_4302566	4302566	4302622	-	6	57	TTG	TAA	0	0	
mORF_-_4302635	4302635	4304632	-	6	1998	ATG	TAA	1	28	pORF_-_4302635
mORF_-_4302655	4302655	4302717	-	5	63	TTG	TGA	0	0	
mORF_-_4302769	4302769	4302792	-	5	24	GTG	TGA	0	0	
mORF_-_4303023	4303023	4303076	-	4	54	ATG	TAA	0	0	
mORF_-_4303057	4303057	4303161	-	5	105	TTG	TGA	0	0	
mORF_-_4303171	4303171	4303404	-	5	234	TTG	TGA	0	0	
mORF_-_4303423	4303423	4303440	-	5	18	ATG	TGA	0	0	
mORF_-_4303441	4303441	4303524	-	5	84	ATG	TGA	0	0	

mORF_-_4303584	4303584	4303703	-	4	120	GTG	TAA	0	0	
mORF_-_4303765	4303765	4303776	-	5	12	TTG	TGA	0	0	
mORF_-_4303795	4303795	4303836	-	5	42	TTG	TGA	0	0	
mORF_-_4303864	4303864	4303935	-	5	72	GTG	TGA	0	0	
mORF_-_4303942	4303942	4304004	-	5	63	TTG	TGA	0	0	
mORF_-_4304005	4304005	4304031	-	5	27	ATG	TGA	0	0	
mORF_-_4304053	4304053	4304139	-	5	87	TTG	TGA	0	0	
mORF_-_4304164	4304164	4304205	-	5	42	TTG	TGA	0	0	
mORF_-_4304250	4304250	4304303	-	4	54	GTG	TAA	0	0	
mORF_-_4304314	4304314	4304445	-	5	132	TTG	TAA	0	0	
mORF_-_4304572	4304572	4304586	-	5	15	TTG	TAA	0	0	
mORF_-_4304613	4304613	4304639	-	4	27	ATG	TAA	0	0	
mORF_-_4304617	4304617	4304667	-	5	51	TTG	TGA	0	0	
mORF_-_4304636	4304636	4304677	-	6	42	ATG	TGA	0	0	
mORF_-_4304640	4304640	4304696	-	4	57	ATG	TAA	0	0	
mORF_-_4304715	4304715	4304759	-	4	45	ATG	TAA	0	0	
mORF_-_4304779	4304779	4304868	-	5	90	ATG	TAA	0	0	
mORF_-_4304820	4304820	4304858	-	4	39	GTG	TAA	0	0	
mORF_-_4304873	4304873	4304896	-	6	24	ATG	TAG	0	0	
mORF_-_4304889	4304889	4304987	-	4	99	TTG	TAA	0	0	
mORF_-_4304893	4304893	4305822	-	5	930	ATG	TGA	0	0	
mORF_-_4305036	4305036	4305044	-	4	9	TTG	TGA	0	0	
mORF_-_4305078	4305078	4305086	-	4	9	GTG	TGA	0	0	
mORF_-_4305096	4305096	4305188	-	4	93	ATG	TGA	0	0	
mORF_-_4305152	4305152	4305382	-	6	231	GTG	TGA	0	0	
mORF_-_4305243	4305243	4305290	-	4	48	GTG	TAA	0	0	
mORF_-_4305306	4305306	4305371	-	4	66	GTG	TGA	0	0	
mORF_-_4305450	4305450	4305494	-	4	45	TTG	TAG	0	0	
mORF_-_4305491	4305491	4305502	-	6	12	TTG	TGA	0	0	
mORF_-_4305504	4305504	4305536	-	4	33	ATG	TGA	0	0	
mORF_-_4305618	4305618	4305665	-	4	48	TTG	TGA	0	0	
mORF_-_4305666	4305666	4305743	-	4	78	GTG	TGA	0	0	
mORF_-_4305740	4305740	4305763	-	6	24	TTG	TGA	0	0	
mORF_-_4305798	4305798	4305875	-	4	78	ATG	TAG	0	0	
mORF_-_4305806	4305806	4306534	-	6	729	TTG	TAA	0	0	
mORF_-_4305862	4305862	4305933	-	5	72	ATG	TGA	0	0	
mORF_-_4305949	4305949	4306020	-	5	72	GTG	TGA	0	0	
mORF_-_4306017	4306017	4306025	-	4	9	ATG	TGA	0	0	
mORF_-_4306030	4306030	4306080	-	5	51	TTG	TGA	0	0	
mORF_-_4306135	4306135	4306146	-	5	12	TTG	TGA	0	0	
mORF_-_4306180	4306180	4306206	-	5	27	TTG	TGA	0	0	
mORF_-_4306207	4306207	4306284	-	5	78	TTG	TGA	0	0	
mORF_-_4306375	4306375	4306428	-	5	54	ATG	TGA	0	0	
mORF_-_4306455	4306455	4306478	-	4	24	GTG	TAA	0	0	
mORF_-_4306512	4306512	4307492	-	4	981	ATG	TAA	1	2	pORF_-_4306512
mORF_-_4306631	4306631	4306642	-	6	12	TTG	TGA	0	0	
mORF_-_4306643	4306643	4306798	-	6	156	GTG	TGA	0	0	
mORF_-_4306720	4306720	4306794	-	5	75	TTG	TGA	0	0	
mORF_-_4306832	4306832	4306840	-	6	9	TTG	TGA	0	0	
mORF_-_4306837	4306837	4306923	-	5	87	TTG	TGA	0	0	
mORF_-_4306913	4306913	4306939	-	6	27	TTG	TGA	0	0	
mORF_-_4306940	4306940	4306972	-	6	33	TTG	TAA	0	0	
mORF_-_4306973	4306973	4306987	-	6	15	TTG	TAA	0	0	
mORF_-_4306994	4306994	4307032	-	6	39	ATG	TGA	0	0	
mORF_-_4307039	4307039	4307164	-	6	126	TTG	TGA	0	0	
mORF_-_4307165	4307165	4307191	-	6	27	GTG	TGA	0	0	
mORF_-_4307213	4307213	4307245	-	6	33	TTG	TGA	0	0	
mORF_-_4307306	4307306	4307323	-	6	18	TTG	TGA	0	0	
mORF_-_4307348	4307348	4307437	-	6	90	TTG	TGA	0	0	
mORF_-_4307471	4307471	4309003	-	6	1533	ATG	TAA	2	2	pORF_-_4307471
mORF_-_4307512	4307512	4307520	-	5	9	ATG	TGA	0	0	
mORF_-_4307650	4307650	4307703	-	5	54	ATG	TGA	0	0	
mORF_-_4307700	4307700	4307807	-	4	108	ATG	TGA	0	0	

mORF_-_4307809	4307809	4307862	-	5	54	ATG	TGA	0	0	
mORF_-_4307995	4307995	4308075	-	5	81	TTG	TGA	0	0	
mORF_-_4308063	4308063	4308083	-	4	21	TTG	TAA	0	0	
mORF_-_4308088	4308088	4308123	-	5	36	TTG	TGA	0	0	
mORF_-_4308127	4308127	4308237	-	5	111	ATG	TAG	0	0	
mORF_-_4308283	4308283	4308312	-	5	30	ATG	TGA	0	0	
mORF_-_4308300	4308300	4308371	-	4	72	TTG	TGA	0	0	
mORF_-_4308445	4308445	4308516	-	5	72	ATG	TGA	0	0	
mORF_-_4308523	4308523	4308537	-	5	15	TTG	TGA	0	0	
mORF_-_4308541	4308541	4308585	-	5	45	ATG	TAG	0	0	
mORF_-_4308586	4308586	4308594	-	5	9	TTG	TAG	0	0	
mORF_-_4308619	4308619	4308669	-	5	51	GTG	TGA	0	0	
mORF_-_4308682	4308682	4308696	-	5	15	TTG	TGA	0	0	
mORF_-_4308718	4308718	4308729	-	5	12	TTG	TAA	0	0	
mORF_-_4308775	4308775	4308840	-	5	66	ATG	TAG	0	0	
mORF_-_4308862	4308862	4308885	-	5	24	ATG	TAA	0	0	
mORF_-_4308892	4308892	4308912	-	5	21	GTG	TAG	0	0	
mORF_-_4308940	4308940	4309020	-	5	81	GTG	TAA	0	0	
mORF_-_4309046	4309046	4309051	-	6	6	ATG	TAG	0	0	
mORF_-_4309067	4309067	4309123	-	6	57	ATG	TGA	0	0	
mORF_-_4309072	4309072	4309113	-	5	42	ATG	TAA	0	0	
mORF_-_4309120	4309120	4309215	-	5	96	TTG	TGA	0	0	
mORF_-_4309130	4309130	4310065	-	6	936	ATG	TAA	2	5	pORF_-_4309130
mORF_-_4309225	4309225	4309263	-	5	39	TTG	TGA	0	0	
mORF_-_4309273	4309273	4309683	-	5	411	ATG	TGA	0	0	
mORF_-_4309392	4309392	4309403	-	4	12	TTG	TGA	0	0	
mORF_-_4309699	4309699	4309725	-	5	27	ATG	TGA	0	0	
mORF_-_4309731	4309731	4309757	-	4	27	ATG	TAA	0	0	
mORF_-_4309783	4309783	4309929	-	5	147	TTG	TGA	0	0	
mORF_-_4309926	4309926	4309952	-	4	27	TTG	TGA	0	0	
mORF_-_4309972	4309972	4310001	-	5	30	TTG	TGA	0	0	
mORF_-_4310062	4310062	4310079	-	5	18	GTG	TGA	0	0	
mORF_-_4310124	4310124	4311047	-	4	924	GTG	TAA	3	8	pORF_-_4310124
mORF_-_4310129	4310129	4310221	-	6	93	TTG	TGA	0	0	
mORF_-_4310240	4310240	4310266	-	6	27	ATG	TAA	0	0	
mORF_-_4310266	4310266	4310304	-	5	39	TTG	TAA	0	0	
mORF_-_4310344	4310344	4310358	-	5	15	TTG	TAG	0	0	
mORF_-_4310402	4310402	4310410	-	6	9	GTG	TAA	0	0	
mORF_-_4310432	4310432	4310446	-	6	15	ATG	TAG	0	0	
mORF_-_4310477	4310477	4310632	-	6	156	TTG	TGA	0	0	
mORF_-_4310690	4310690	4310773	-	6	84	GTG	TGA	0	0	
mORF_-_4310825	4310825	4310878	-	6	54	GTG	TGA	0	0	
mORF_-_4310863	4310863	4310880	-	5	18	TTG	TAA	0	0	
mORF_-_4310882	4310882	4310926	-	6	45	ATG	TGA	0	0	
mORF_-_4310887	4310887	4310907	-	5	21	GTG	TAA	0	0	
mORF_-_4310972	4310972	4310998	-	6	27	TTG	TAG	0	0	
mORF_-_4311047	4311047	4311058	-	6	12	GTG	TAG	0	0	
mORF_-_4311052	4311052	4311090	-	5	39	GTG	TGA	0	0	
mORF_-_4311087	4311087	4311092	-	4	6	TTG	TGA	0	0	
mORF_-_4311113	4311113	4311130	-	6	18	TTG	TAA	0	0	
mORF_-_4311150	4311150	4311158	-	4	9	ATG	TAA	0	0	
mORF_-_4311163	4311163	4311177	-	5	15	ATG	TAA	0	0	
mORF_-_4311242	4311242	4311295	-	6	54	ATG	TAG	0	0	
mORF_-_4311311	4311311	4311388	-	6	78	ATG	TAA	0	0	
mORF_-_4311325	4311325	4311402	-	5	78	ATG	TGA	0	0	
mORF_-_4311399	4311399	4311413	-	4	15	ATG	TGA	0	0	
mORF_-_4311410	4311410	4311754	-	6	345	GTG	TGA	0	0	
mORF_-_4311415	4311415	4311438	-	5	24	ATG	TAA	0	0	
mORF_-_4311484	4311484	4311669	-	5	186	ATG	TGA	0	0	
mORF_-_4311516	4311516	4311605	-	4	90	TTG	TGA	0	0	
mORF_-_4311642	4311642	4311680	-	4	39	TTG	TAA	0	0	
mORF_-_4311697	4311697	4311780	-	5	84	TTG	TGA	0	0	
mORF_-_4311774	4311774	4311842	-	4	69	ATG	TGA	0	0	

mORF_-_4311794	4311794	4311829	-	6	36	ATG	TAA	0	0	
mORF_-_4311833	4311833	4311982	-	6	150	TTG	TAG	0	0	
mORF_-_4311915	4311915	4312241	-	4	327	ATG	TAA	0	0	
mORF_-_4311997	4311997	4312407	-	5	411	TTG	TAA	0	0	
mORF_-_4312160	4312160	4312282	-	6	123	TTG	TGA	0	0	
mORF_-_4312248	4312248	4312370	-	4	123	GTG	TGA	0	0	
mORF_-_4312331	4312331	4312357	-	6	27	ATG	TAA	0	0	
mORF_-_4312367	4312367	4313125	-	6	759	ATG	TGA	0	0	
mORF_-_4312404	4312404	4312439	-	4	36	GTG	TGA	0	0	
mORF_-_4312432	4312432	4312446	-	5	15	TTG	TGA	0	0	
mORF_-_4312498	4312498	4312506	-	5	9	TTG	TGA	0	0	
mORF_-_4312516	4312516	4312542	-	5	27	ATG	TAA	0	0	
mORF_-_4312530	4312530	4312565	-	4	36	TTG	TAA	0	0	
mORF_-_4312635	4312635	4312646	-	4	12	GTG	TGA	0	0	
mORF_-_4312687	4312687	4312851	-	5	165	TTG	TGA	0	0	
mORF_-_4312986	4312986	4313072	-	4	87	ATG	TAA	0	0	
mORF_-_4312996	4312996	4313058	-	5	63	GTG	TAG	0	0	
mORF_-_4313122	4313122	4313265	-	5	144	GTG	TGA	0	0	
mORF_-_4313127	4313127	4313561	-	4	435	ATG	TAA	0	0	
mORF_-_4313309	4313309	4313347	-	6	39	ATG	TAA	0	0	
mORF_-_4313378	4313378	4313476	-	6	99	TTG	TGA	0	0	
mORF_-_4313489	4313489	4313497	-	6	9	GTG	TAA	0	0	
mORF_-_4313494	4313494	4313499	-	5	6	TTG	TGA	0	0	
mORF_-_4313501	4313501	4313551	-	6	51	GTG	TGA	0	0	
mORF_-_4313548	4313548	4314105	-	5	558	ATG	TGA	0	0	
mORF_-_4313589	4313589	4313876	-	4	288	ATG	TGA	0	0	
mORF_-_4313624	4313624	4313644	-	6	21	TTG	TGA	0	0	
mORF_-_4313949	4313949	4313984	-	4	36	ATG	TGA	0	0	
mORF_-_4313966	4313966	4314202	-	6	237	TTG	TGA	0	0	
mORF_-_4314105	4314105	4315241	-	4	1137	ATG	TGA	0	0	
mORF_-_4314257	4314257	4314421	-	6	165	TTG	TGA	0	0	
mORF_-_4314446	4314446	4314454	-	6	9	ATG	TGA	0	0	
mORF_-_4314503	4314503	4314673	-	6	171	ATG	TGA	0	0	
mORF_-_4314550	4314550	4314588	-	5	39	GTG	TGA	0	0	
mORF_-_4314770	4314770	4314799	-	6	30	TTG	TGA	0	0	
mORF_-_4314899	4314899	4314961	-	6	63	ATG	TGA	0	0	
mORF_-_4315010	4315010	4315087	-	6	78	TTG	TGA	0	0	
mORF_-_4315088	4315088	4315156	-	6	69	TTG	TGA	0	0	
mORF_-_4315228	4315228	4315299	-	5	72	ATG	TAA	0	0	
mORF_-_4315238	4315238	4316032	-	6	795	TTG	TGA	1	0	pORF_-_4315238
mORF_-_4315309	4315309	4315326	-	5	18	GTG	TAG	0	0	
mORF_-_4315345	4315345	4315464	-	5	120	GTG	TGA	0	0	
mORF_-_4315398	4315398	4315493	-	4	96	GTG	TGA	0	0	
mORF_-_4315510	4315510	4315554	-	5	45	GTG	TGA	0	0	
mORF_-_4315551	4315551	4315703	-	4	153	GTG	TGA	0	0	
mORF_-_4315696	4315696	4315710	-	5	15	GTG	TAG	0	0	
mORF_-_4315707	4315707	4315814	-	4	108	ATG	TGA	0	0	
mORF_-_4315972	4315972	4315986	-	5	15	ATG	TAG	0	0	
mORF_-_4316007	4316007	4316024	-	4	18	GTG	TAA	0	0	
mORF_-_4316029	4316029	4316817	-	5	789	TTG	TGA	1	0	pORF_-_4316029
mORF_-_4316100	4316100	4316108	-	4	9	GTG	TAA	0	0	
mORF_-_4316169	4316169	4316186	-	4	18	TTG	TAG	0	0	
mORF_-_4316202	4316202	4316279	-	4	78	ATG	TGA	0	0	
mORF_-_4316276	4316276	4316704	-	6	429	ATG	TGA	0	0	
mORF_-_4316304	4316304	4316423	-	4	120	GTG	TGA	0	0	
mORF_-_4316571	4316571	4316579	-	4	9	ATG	TGA	0	0	
mORF_-_4316643	4316643	4316720	-	4	78	ATG	TGA	0	0	
mORF_-_4316759	4316759	4316989	-	6	231	ATG	TAA	0	0	
mORF_-_4316784	4316784	4317761	-	4	978	ATG	TGA	0	0	
mORF_-_4316875	4316875	4316910	-	5	36	ATG	TGA	0	0	
mORF_-_4316914	4316914	4316922	-	5	9	GTG	TGA	0	0	
mORF_-_4317083	4317083	4317097	-	6	15	ATG	TGA	0	0	
mORF_-_4317104	4317104	4317157	-	6	54	ATG	TGA	0	0	

mORF_-_4317284	4317284	4317331	-	6	48	ATG	TGA	0	0	
mORF_-_4317362	4317362	4317424	-	6	63	TTG	TGA	0	0	
mORF_-_4317431	4317431	4317451	-	6	21	TTG	TGA	0	0	
mORF_-_4317452	4317452	4317520	-	6	69	TTG	TGA	0	0	
mORF_-_4317572	4317572	4317604	-	6	33	TTG	TGA	0	0	
mORF_-_4317622	4317622	4318806	-	5	1185	GTG	TAA	0	0	
mORF_-_4317849	4317849	4317929	-	4	81	GTG	TGA	0	0	
mORF_-_4317926	4317926	4317931	-	6	6	GTG	TGA	0	0	
mORF_-_4317957	4317957	4317986	-	4	30	TTG	TGA	0	0	
mORF_-_4318098	4318098	4318187	-	4	90	TTG	TGA	0	0	
mORF_-_4318260	4318260	4318334	-	4	75	TTG	TGA	0	0	
mORF_-_4318416	4318416	4318472	-	4	57	TTG	TAA	0	0	
mORF_-_4318494	4318494	4318526	-	4	33	TTG	TGA	0	0	
mORF_-_4318551	4318551	4318577	-	4	27	TTG	TAG	0	0	
mORF_-_4318574	4318574	4318738	-	6	165	GTG	TGA	0	0	
mORF_-_4318671	4318671	4318679	-	4	9	TTG	TGA	0	0	
mORF_-_4318686	4318686	4319270	-	4	585	ATG	TGA	0	0	
mORF_-_4318826	4318826	4318852	-	6	27	GTG	TGA	0	0	
mORF_-_4318901	4318901	4318978	-	6	78	ATG	TGA	0	0	
mORF_-_4319062	4319062	4319085	-	5	24	GTG	TAA	0	0	
mORF_-_4319138	4319138	4319179	-	6	42	TTG	TGA	0	0	
mORF_-_4319204	4319204	4319233	-	6	30	ATG	TAA	0	0	
mORF_-_4319267	4319267	4319719	-	6	453	ATG	TGA	0	0	
mORF_-_4319317	4319317	4319373	-	5	57	TTG	TGA	0	0	
mORF_-_4319416	4319416	4319427	-	5	12	TTG	TGA	0	0	
mORF_-_4319428	4319428	4319460	-	5	33	GTG	TGA	0	0	
mORF_-_4319518	4319518	4319538	-	5	21	TTG	TGA	0	0	
mORF_-_4319605	4319605	4319613	-	5	9	ATG	TGA	0	0	
mORF_-_4319638	4319638	4319742	-	5	105	TTG	TGA	0	0	
mORF_-_4319720	4319720	4320454	-	6	735	TTG	TGA	0	0	
mORF_-_4319758	4319758	4319916	-	5	159	TTG	TGA	0	0	
mORF_-_4319805	4319805	4319822	-	4	18	GTG	TAA	0	0	
mORF_-_4319847	4319847	4319861	-	4	15	GTG	TGA	0	0	
mORF_-_4320010	4320010	4320036	-	5	27	GTG	TAA	0	0	
mORF_-_4320304	4320304	4320384	-	5	81	TTG	TGA	0	0	
mORF_-_4320466	4320466	4320834	-	5	369	GTG	TGA	0	0	
mORF_-_4320479	4320479	4320583	-	6	105	GTG	TAA	0	0	
mORF_-_4320684	4320684	4321316	-	4	633	GTG	TGA	0	0	
mORF_-_4320901	4320901	4321167	-	5	267	GTG	TAA	0	0	
mORF_-_4320977	4320977	4320985	-	6	9	TTG	TGA	0	0	
mORF_-_4321133	4321133	4321192	-	6	60	TTG	TGA	0	0	
mORF_-_4321202	4321202	4321297	-	6	96	ATG	TGA	0	0	
mORF_-_4321304	4321304	4321318	-	6	15	ATG	TGA	0	0	
mORF_-_4321359	4321359	4322375	-	4	1017	ATG	TAA	0	0	
mORF_-_4321406	4321406	4321471	-	6	66	ATG	TGA	0	0	
mORF_-_4321751	4321751	4321939	-	6	189	TTG	TGA	0	0	
mORF_-_4322006	4322006	4322170	-	6	165	TTG	TGA	0	0	
mORF_-_4322125	4322125	4322229	-	5	105	ATG	TAA	0	0	
mORF_-_4322312	4322312	4322359	-	6	48	TTG	TAA	0	0	
mORF_-_4322365	4322365	4322388	-	5	24	TTG	TAA	0	0	
mORF_-_4322372	4322372	4322470	-	6	99	TTG	TGA	0	0	
mORF_-_4322400	4322400	4323188	-	4	789	ATG	TGA	2	0	pORF_-_4322400
mORF_-_4322615	4322615	4322659	-	6	45	ATG	TGA	0	0	
mORF_-_4322687	4322687	4322770	-	6	84	TTG	TGA	0	0	
mORF_-_4322777	4322777	4322863	-	6	87	TTG	TGA	0	0	
mORF_-_4323038	4323038	4323100	-	6	63	GTG	TAA	0	0	
mORF_-_4323113	4323113	4323172	-	6	60	GTG	TGA	0	0	
mORF_-_4323201	4323201	4323218	-	4	18	ATG	TAG	0	0	
mORF_-_4323245	4323245	4323349	-	6	105	ATG	TAA	0	0	
mORF_-_4323321	4323321	4323764	-	4	444	ATG	TAA	4	11	pORF_-_4323321
mORF_-_4323349	4323349	4323360	-	5	12	GTG	TAA	0	0	
mORF_-_4323353	4323353	4323541	-	6	189	ATG	TGA	0	0	
mORF_-_4323548	4323548	4323739	-	6	192	TTG	TGA	0	0	

mORF_-_4323779	4323779	4323955	-	6	177	ATG	TAA	0	0	
mORF_-_4323811	4323811	4323855	-	5	45	ATG	TAA	0	0	
mORF_-_4323855	4323855	4324055	-	4	201	ATG	TGA	0	0	
mORF_-_4323955	4323955	4324155	-	5	201	ATG	TGA	0	0	
mORF_-_4324055	4324055	4324255	-	6	201	ATG	TGA	0	0	
mORF_-_4324155	4324155	4324355	-	4	201	ATG	TGA	0	0	
mORF_-_4324255	4324255	4324362	-	5	108	ATG	TGA	0	0	
mORF_-_4324355	4324355	4324414	-	6	60	GTG	TGA	0	0	
mORF_-_4324404	4324404	4324421	-	4	18	TTG	TAA	0	0	
mORF_-_4324411	4324411	4324416	-	5	6	TTG	TGA	0	0	
mORF_-_4324422	4324422	4324904	-	4	483	TTG	TGA	8	43	pORF_-_4324422
mORF_-_4324433	4324433	4324438	-	6	6	TTG	TGA	0	0	
mORF_-_4324441	4324441	4324482	-	5	42	TTG	TGA	0	0	
mORF_-_4324454	4324454	4324504	-	6	51	TTG	TGA	0	0	
mORF_-_4324520	4324520	4324534	-	6	15	TTG	TGA	0	0	
mORF_-_4324565	4324565	4324621	-	6	57	ATG	TGA	0	0	
mORF_-_4324624	4324624	4324683	-	5	60	ATG	TAA	0	0	
mORF_-_4324631	4324631	4324771	-	6	141	TTG	TGA	0	0	
mORF_-_4324705	4324705	4324734	-	5	30	ATG	TAA	0	0	
mORF_-_4324768	4324768	4324833	-	5	66	GTG	TGA	0	0	
mORF_-_4324775	4324775	4324825	-	6	51	TTG	TGA	0	0	
mORF_-_4324868	4324868	4324888	-	6	21	ATG	TAA	0	0	
mORF_-_4324972	4324972	4324980	-	5	9	GTG	TAA	0	0	
mORF_-_4324977	4324977	4324982	-	4	6	ATG	TGA	0	0	
mORF_-_4325015	4325015	4325050	-	6	36	GTG	TGA	0	0	
mORF_-_4325029	4325029	4325052	-	5	24	GTG	TAA	0	0	
mORF_-_4325064	4325064	4325165	-	4	102	GTG	TAA	0	0	
mORF_-_4325156	4325156	4325278	-	6	123	GTG	TAG	0	0	
mORF_-_4325206	4325206	4325223	-	5	18	TTG	TAA	0	0	
mORF_-_4325233	4325233	4325280	-	5	48	TTG	TAA	0	0	
mORF_-_4325287	4325287	4325322	-	5	36	GTG	TAA	0	0	
mORF_-_4325303	4325303	4325407	-	6	105	TTG	TAG	0	0	
mORF_-_4325319	4325319	4325423	-	4	105	ATG	TGA	0	0	
mORF_-_4325404	4325404	4325520	-	5	117	ATG	TGA	0	0	
mORF_-_4325444	4325444	4325461	-	6	18	TTG	TAG	0	0	
mORF_-_4325480	4325480	4325539	-	6	60	TTG	TAA	0	0	
mORF_-_4325524	4325524	4325529	-	5	6	ATG	TGA	0	0	
mORF_-_4325548	4325548	4325559	-	5	12	TTG	TAA	0	0	
mORF_-_4325560	4325560	4325703	-	5	144	ATG	TAA	0	0	
mORF_-_4325693	4325693	4325878	-	6	186	TTG	TAG	0	0	
mORF_-_4325725	4325725	4325820	-	5	96	ATG	TAA	0	0	
mORF_-_4325772	4325772	4325783	-	4	12	ATG	TAA	0	0	
mORF_-_4325857	4325857	4326060	-	5	204	TTG	TAA	0	0	
mORF_-_4325912	4325912	4325929	-	6	18	GTG	TAA	0	0	
mORF_-_4325958	4325958	4326047	-	4	90	TTG	TAA	0	0	
mORF_-_4326044	4326044	4326100	-	6	57	GTG	TGA	0	0	
mORF_-_4326131	4326131	4326364	-	6	234	TTG	TAA	0	0	
mORF_-_4326192	4326192	4326209	-	4	18	TTG	TAG	0	0	
mORF_-_4326217	4326217	4326483	-	5	267	GTG	TAA	0	0	
mORF_-_4326441	4326441	4326560	-	4	120	TTG	TAA	0	0	
mORF_-_4326487	4326487	4326525	-	5	39	GTG	TAA	0	0	
mORF_-_4326547	4326547	4326642	-	5	96	TTG	TAG	0	0	
mORF_-_4326561	4326561	4326620	-	4	60	TTG	TGA	0	0	
mORF_-_4326584	4326584	4326724	-	6	141	GTG	TAA	0	0	
mORF_-_4326675	4326675	4326842	-	4	168	TTG	TGA	0	0	
mORF_-_4326805	4326805	4326837	-	5	33	TTG	TAA	0	0	
mORF_-_4326859	4326859	4326912	-	5	54	GTG	TGA	0	0	
mORF_-_4326894	4326894	4326977	-	4	84	GTG	TGA	0	0	
mORF_-_4326941	4326941	4327093	-	6	153	ATG	TGA	0	0	
mORF_-_4327051	4327051	4327086	-	5	36	TTG	TGA	0	0	
mORF_-_4327093	4327093	4327125	-	5	33	TTG	TAA	0	0	
mORF_-_4327113	4327113	4327175	-	4	63	ATG	TAG	0	0	
mORF_-_4327163	4327163	4327204	-	6	42	ATG	TAA	0	0	

mORF_-_4327228	4327228	4327314	-	5	87	GTG	TAA	0	0	
mORF_-_4327271	4327271	4327363	-	6	93	GTG	TGA	0	0	
mORF_-_4327323	4327323	4327328	-	4	6	GTG	TAA	0	0	
mORF_-_4327342	4327342	4327551	-	5	210	ATG	TAA	0	0	
mORF_-_4327356	4327356	4327370	-	4	15	GTG	TGA	0	0	
mORF_-_4327367	4327367	4327390	-	6	24	TTG	TGA	0	0	
mORF_-_4327443	4327443	4327490	-	4	48	ATG	TAA	0	0	
mORF_-_4327544	4327544	4327567	-	6	24	ATG	TGA	0	0	
mORF_-_4327569	4327569	4327727	-	4	159	TTG	TAA	0	0	
mORF_-_4327582	4327582	4327644	-	5	63	GTG	TAA	0	0	
mORF_-_4327782	4327782	4327790	-	4	9	TTG	TAA	0	0	
mORF_-_4327797	4327797	4328090	-	4	294	ATG	TAG	0	0	
mORF_-_4327817	4327817	4328032	-	6	216	GTG	TGA	0	0	
mORF_-_4327888	4327888	4327995	-	5	108	GTG	TAA	0	0	
mORF_-_4328014	4328014	4328226	-	5	213	TTG	TGA	0	0	
mORF_-_4328048	4328048	4328125	-	6	78	GTG	TGA	0	0	
mORF_-_4328100	4328100	4328138	-	4	39	TTG	TAA	0	0	
mORF_-_4328151	4328151	4328171	-	4	21	TTG	TGA	0	0	
mORF_-_4328202	4328202	4328327	-	4	126	GTG	TGA	0	0	
mORF_-_4328270	4328270	4328278	-	6	9	TTG	TAA	0	0	
mORF_-_4328285	4328285	4328299	-	6	15	ATG	TAG	0	0	
mORF_-_4328312	4328312	4328347	-	6	36	ATG	TGA	0	0	
mORF_-_4328347	4328347	4328604	-	5	258	ATG	TAA	0	0	
mORF_-_4328367	4328367	4328387	-	4	21	ATG	TGA	0	0	
mORF_-_4328391	4328391	4328447	-	4	57	TTG	TAA	0	0	
mORF_-_4328426	4328426	4328440	-	6	15	ATG	TAA	0	0	
mORF_-_4328604	4328604	4328729	-	4	126	GTG	TAA	0	0	
mORF_-_4328668	4328668	4328829	-	5	162	GTG	TAA	0	0	
mORF_-_4328847	4328847	4328933	-	4	87	GTG	TGA	0	0	
mORF_-_4328867	4328867	4328935	-	6	69	TTG	TAA	0	0	
mORF_-_4328878	4328878	4329090	-	5	213	ATG	TAG	0	0	
mORF_-_4329152	4329152	4329412	-	6	261	GTG	TAA	0	0	
mORF_-_4329169	4329169	4329339	-	5	171	TTG	TAA	0	0	
mORF_-_4329288	4329288	4329314	-	4	27	ATG	TAG	0	0	
mORF_-_4329349	4329349	4329354	-	5	6	ATG	TAG	0	0	
mORF_-_4329397	4329397	4329576	-	5	180	ATG	TAA	0	0	
mORF_-_4329596	4329596	4329673	-	6	78	ATG	TAA	0	0	
mORF_-_4329645	4329645	4329701	-	4	57	ATG	TAG	0	0	
mORF_-_4329702	4329702	4329737	-	4	36	TTG	TAA	0	0	
mORF_-_4329790	4329790	4329837	-	5	48	ATG	TAA	0	0	
mORF_-_4329822	4329822	4329875	-	4	54	GTG	TGA	0	0	
mORF_-_4329884	4329884	4330009	-	6	126	ATG	TGA	0	0	
mORF_-_4329922	4329922	4330089	-	5	168	GTG	TAA	0	0	
mORF_-_4330062	4330062	4330070	-	4	9	TTG	TGA	0	0	
mORF_-_4330086	4330086	4330139	-	4	54	TTG	TGA	0	0	
mORF_-_4330090	4330090	4330107	-	5	18	ATG	TAA	0	0	
mORF_-_4330204	4330204	4331304	-	5	1101	TTG	TAA	0	0	
mORF_-_4330236	4330236	4330325	-	4	90	TTG	TGA	0	0	
mORF_-_4330329	4330329	4330373	-	4	45	TTG	TAA	0	0	
mORF_-_4330379	4330379	4330396	-	6	18	ATG	TAA	0	0	
mORF_-_4330383	4330383	4330451	-	4	69	ATG	TGA	0	0	
mORF_-_4330509	4330509	4330649	-	4	141	ATG	TAG	0	0	
mORF_-_4330662	4330662	4330703	-	4	42	GTG	TAA	0	0	
mORF_-_4330737	4330737	4330748	-	4	12	TTG	TGA	0	0	
mORF_-_4330767	4330767	4330775	-	4	9	TTG	TAG	0	0	
mORF_-_4330908	4330908	4330958	-	4	51	TTG	TAA	0	0	
mORF_-_4331058	4331058	4331087	-	4	30	TTG	TGA	0	0	
mORF_-_4331088	4331088	4331192	-	4	105	ATG	TGA	0	0	
mORF_-_4331189	4331189	4331197	-	6	9	ATG	TGA	0	0	
mORF_-_4331214	4331214	4331222	-	4	9	TTG	TGA	0	0	
mORF_-_4331301	4331301	4331426	-	4	126	ATG	TGA	0	0	
mORF_-_4331305	4331305	4331973	-	5	669	ATG	TAA	2	4	pORF_-_4331305
mORF_-_4331490	4331490	4331510	-	4	21	ATG	TAA	0	0	

mORF_-_4331529	4331529	4331540	-	4	12	GTG	TGA	0	0
mORF_-_4331537	4331537	4331551	-	6	15	ATG	TGA	0	0
mORF_-_4331577	4331577	4331591	-	4	15	TTG	TGA	0	0
mORF_-_4331592	4331592	4331666	-	4	75	TTG	TGA	0	0
mORF_-_4331673	4331673	4331699	-	4	27	ATG	TGA	0	0
mORF_-_4331745	4331745	4331801	-	4	57	ATG	TGA	0	0
mORF_-_4331817	4331817	4331855	-	4	39	TTG	TAG	0	0
mORF_-_4331888	4331888	4331896	-	6	9	GTG	TAG	0	0
mORF_-_4331925	4331925	4331960	-	4	36	TTG	TGA	0	0
mORF_-_4331954	4331954	4331977	-	6	24	GTG	TGA	0	0
mORF_-_4331970	4331970	4333658	-	4	1689	TTG	TGA	0	0
mORF_-_4331974	4331974	4331991	-	5	18	TTG	TGA	0	0
mORF_-_4331978	4331978	4332034	-	6	57	TTG	TGA	0	0
mORF_-_4332041	4332041	4332232	-	6	192	GTG	TAA	0	0
mORF_-_4332118	4332118	4332156	-	5	39	GTG	TGA	0	0
mORF_-_4332233	4332233	4332244	-	6	12	GTG	TAG	0	0
mORF_-_4332296	4332296	4332322	-	6	27	TTG	TGA	0	0
mORF_-_4332359	4332359	4332484	-	6	126	TTG	TGA	0	0
mORF_-_4332485	4332485	4332547	-	6	63	ATG	TGA	0	0
mORF_-_4332544	4332544	4332567	-	5	24	GTG	TGA	0	0
mORF_-_4332581	4332581	4332892	-	6	312	TTG	TGA	0	0
mORF_-_4332643	4332643	4332651	-	5	9	GTG	TGA	0	0
mORF_-_4332727	4332727	4332783	-	5	57	TTG	TGA	0	0
mORF_-_4332929	4332929	4333018	-	6	90	TTG	TAA	0	0
mORF_-_4332952	4332952	4333002	-	5	51	ATG	TGA	0	0
mORF_-_4333112	4333112	4333156	-	6	45	GTG	TGA	0	0
mORF_-_4333187	4333187	4333201	-	6	15	TTG	TAA	0	0
mORF_-_4333202	4333202	4333213	-	6	12	TTG	TGA	0	0
mORF_-_4333256	4333256	4333300	-	6	45	TTG	TGA	0	0
mORF_-_4333334	4333334	4333360	-	6	27	TTG	TAA	0	0
mORF_-_4333390	4333390	4333398	-	5	9	ATG	TAA	0	0
mORF_-_4333415	4333415	4333423	-	6	9	TTG	TGA	0	0
mORF_-_4333430	4333430	4333525	-	6	96	TTG	TGA	0	0
mORF_-_4333513	4333513	4333653	-	5	141	TTG	TAA	0	0
mORF_-_4333613	4333613	4333627	-	6	15	ATG	TGA	0	0
mORF_-_4333661	4333661	4333669	-	6	9	TTG	TAA	0	0
mORF_-_4333717	4333717	4335054	-	5	1338	ATG	TAA	0	0
mORF_-_4333728	4333728	4333739	-	4	12	ATG	TAA	0	0
mORF_-_4333757	4333757	4333822	-	6	66	GTG	TAA	0	0
mORF_-_4333776	4333776	4333784	-	4	9	ATG	TGA	0	0
mORF_-_4333803	4333803	4333949	-	4	147	GTG	TGA	0	0
mORF_-_4334103	4334103	4334138	-	4	36	ATG	TAA	0	0
mORF_-_4334135	4334135	4334200	-	6	66	TTG	TGA	0	0
mORF_-_4334193	4334193	4334300	-	4	108	ATG	TAG	0	0
mORF_-_4334300	4334300	4334452	-	6	153	GTG	TAA	0	0
mORF_-_4334307	4334307	4334354	-	4	48	TTG	TGA	0	0
mORF_-_4334355	4334355	4334387	-	4	33	ATG	TGA	0	0
mORF_-_4334403	4334403	4334561	-	4	159	TTG	TGA	0	0
mORF_-_4334462	4334462	4334512	-	6	51	ATG	TAA	0	0
mORF_-_4334528	4334528	4334920	-	6	393	ATG	TGA	0	0
mORF_-_4334577	4334577	4334609	-	4	33	GTG	TGA	0	0
mORF_-_4334616	4334616	4334633	-	4	18	TTG	TGA	0	0
mORF_-_4334727	4334727	4334900	-	4	174	GTG	TAG	0	0
mORF_-_4334910	4334910	4334975	-	4	66	GTG	TGA	0	0
mORF_-_4335018	4335018	4335044	-	4	27	ATG	TAA	0	0
mORF_-_4335038	4335038	4335088	-	6	51	TTG	TGA	0	0
mORF_-_4335093	4335093	4335116	-	4	24	ATG	TAA	0	0
mORF_-_4335098	4335098	4335106	-	6	9	ATG	TGA	0	0
mORF_-_4335184	4335184	4335225	-	5	42	ATG	TAA	0	0
mORF_-_4335191	4335191	4335952	-	6	762	ATG	TGA	0	0
mORF_-_4335334	4335334	4335342	-	5	9	ATG	TAA	0	0
mORF_-_4335343	4335343	4335351	-	5	9	ATG	TAA	0	0
mORF_-_4335429	4335429	4335443	-	4	15	TTG	TAG	0	0

mORF_-_4335448	4335448	4335510	-	5	63	GTG	TAG	0	0	
mORF_-_4335507	4335507	4335518	-	4	12	TTG	TGA	0	0	
mORF_-_4335511	4335511	4335516	-	5	6	GTG	TAA	0	0	
mORF_-_4335618	4335618	4335680	-	4	63	ATG	TGA	0	0	
mORF_-_4335634	4335634	4335654	-	5	21	TTG	TGA	0	0	
mORF_-_4335705	4335705	4335716	-	4	12	ATG	TAG	0	0	
mORF_-_4335742	4335742	4335834	-	5	93	GTG	TGA	0	0	
mORF_-_4335831	4335831	4335836	-	4	6	TTG	TGA	0	0	
mORF_-_4335838	4335838	4335885	-	5	48	ATG	TAA	0	0	
mORF_-_4335892	4335892	4335903	-	5	12	ATG	TAA	0	0	
mORF_-_4335909	4335909	4336046	-	4	138	ATG	TGA	0	0	
mORF_-_4335913	4335913	4335924	-	5	12	TTG	TGA	0	0	
mORF_-_4335991	4335991	4335999	-	5	9	TTG	TAG	0	0	
mORF_-_4336018	4336018	4336050	-	5	33	ATG	TAA	0	0	
mORF_-_4336068	4336068	4336106	-	4	39	ATG	TAG	0	0	
mORF_-_4336084	4336084	4336188	-	5	105	TTG	TAA	0	0	
mORF_-_4336192	4336192	4336215	-	5	24	TTG	TAA	0	0	
mORF_-_4336242	4336242	4336253	-	4	12	TTG	TAA	0	0	
mORF_-_4336254	4336254	4336292	-	4	39	GTG	TAA	0	0	
mORF_-_4336277	4336277	4338547	-	6	2271	ATG	TAA	1	8	pORF_-_4336277
mORF_-_4336285	4336285	4336344	-	5	60	TTG	TGA	0	0	
mORF_-_4336390	4336390	4336548	-	5	159	GTG	TAA	0	0	
mORF_-_4336618	4336618	4336692	-	5	75	TTG	TGA	0	0	
mORF_-_4336702	4336702	4336782	-	5	81	GTG	TGA	0	0	
mORF_-_4336728	4336728	4336751	-	4	24	TTG	TGA	0	0	
mORF_-_4336758	4336758	4336775	-	4	18	ATG	TAA	0	0	
mORF_-_4336786	4336786	4336929	-	5	144	TTG	TAA	1	2	pORF_-_4336786
mORF_-_4337035	4337035	4337193	-	5	159	TTG	TGA	0	0	
mORF_-_4337064	4337064	4337111	-	4	48	GTG	TGA	0	0	
mORF_-_4337233	4337233	4337292	-	5	60	ATG	TGA	0	0	
mORF_-_4337296	4337296	4337379	-	5	84	ATG	TGA	0	0	
mORF_-_4337380	4337380	4337577	-	5	198	ATG	TGA	0	0	
mORF_-_4337559	4337559	4337567	-	4	9	GTG	TAA	0	0	
mORF_-_4337632	4337632	4337646	-	5	15	GTG	TGA	0	0	
mORF_-_4337758	4337758	4337808	-	5	51	ATG	TGA	0	0	
mORF_-_4337811	4337811	4337825	-	4	15	TTG	TAA	0	0	
mORF_-_4337866	4337866	4338096	-	5	231	GTG	TAG	0	0	
mORF_-_4338151	4338151	4338306	-	5	156	ATG	TGA	0	0	
mORF_-_4338373	4338373	4338423	-	5	51	TTG	TGA	0	0	
mORF_-_4338439	4338439	4338450	-	5	12	ATG	TGA	0	0	
mORF_-_4338460	4338460	4338531	-	5	72	TTG	TAA	0	0	
mORF_-_4338525	4338525	4338659	-	4	135	TTG	TGA	0	0	
mORF_-_4338551	4338551	4338628	-	6	78	TTG	TAA	0	0	
mORF_-_4338559	4338559	4338585	-	5	27	TTG	TAA	0	0	
mORF_-_4338677	4338677	4338691	-	6	15	GTG	TAA	0	0	
mORF_-_4338688	4338688	4338810	-	5	123	ATG	TGA	0	0	
mORF_-_4338743	4338743	4339651	-	6	909	ATG	TAA	0	0	
mORF_-_4338859	4338859	4338867	-	5	9	TTG	TGA	0	0	
mORF_-_4338949	4338949	4339017	-	5	69	ATG	TGA	0	0	
mORF_-_4339027	4339027	4339089	-	5	63	ATG	TGA	0	0	
mORF_-_4339174	4339174	4339191	-	5	18	TTG	TGA	0	0	
mORF_-_4339225	4339225	4339254	-	5	30	TTG	TAA	0	0	
mORF_-_4339453	4339453	4339464	-	5	12	ATG	TGA	0	0	
mORF_-_4339471	4339471	4339503	-	5	33	ATG	TGA	0	0	
mORF_-_4339504	4339504	4339563	-	5	60	TTG	TGA	0	0	
mORF_-_4339560	4339560	4339808	-	4	249	ATG	TGA	0	0	
mORF_-_4339819	4339819	4339833	-	5	15	GTG	TAA	0	0	
mORF_-_4339830	4339830	4339862	-	4	33	TTG	TGA	0	0	
mORF_-_4339859	4339859	4340083	-	6	225	ATG	TGA	0	0	
mORF_-_4339908	4339908	4339946	-	4	39	GTG	TAA	0	0	
mORF_-_4339912	4339912	4340142	-	5	231	GTG	TGA	0	0	
mORF_-_4339953	4339953	4339958	-	4	6	ATG	TAA	0	0	
mORF_-_4340108	4340108	4340146	-	6	39	TTG	TGA	0	0	

mORF_-_4340130	4340130	4340189	-	4	60	ATG	TGA	0	0
mORF_-_4340159	4340159	4340260	-	6	102	TTG	TAA	0	0
mORF_-_4340203	4340203	4340376	-	5	174	TTG	TAA	0	0
mORF_-_4340303	4340303	4340656	-	6	354	ATG	TAG	0	0
mORF_-_4340382	4340382	4340390	-	4	9	TTG	TAA	0	0
mORF_-_4340422	4340422	4340496	-	5	75	TTG	TAG	0	0
mORF_-_4340518	4340518	4340538	-	5	21	TTG	TAA	0	0
mORF_-_4340535	4340535	4340639	-	4	105	GTG	TGA	0	0
mORF_-_4340551	4340551	4340571	-	5	21	TTG	TAA	0	0
mORF_-_4340653	4340653	4340661	-	5	9	TTG	TGA	0	0
mORF_-_4340686	4340686	4340700	-	5	15	TTG	TAG	0	0
mORF_-_4340710	4340710	4340751	-	5	42	GTG	TAG	0	0
mORF_-_4340718	4340718	4340753	-	4	36	GTG	TGA	0	0
mORF_-_4340729	4340729	4340854	-	6	126	ATG	TGA	0	0
mORF_-_4340794	4340794	4340928	-	5	135	ATG	TAA	0	0
mORF_-_4340895	4340895	4340924	-	4	30	TTG	TAA	0	0
mORF_-_4340903	4340903	4341007	-	6	105	TTG	TGA	0	0
mORF_-_4340934	4340934	4341005	-	4	72	GTG	TAG	0	0
mORF_-_4340962	4340962	4341051	-	5	90	ATG	TAA	0	0
mORF_-_4341052	4341052	4341114	-	5	63	TTG	TGA	0	0
mORF_-_4341074	4341074	4341334	-	6	261	GTG	TAG	0	0
mORF_-_4341166	4341166	4341213	-	5	48	ATG	TAA	0	0
mORF_-_4341304	4341304	4341399	-	5	96	ATG	TAG	0	0
mORF_-_4341390	4341390	4341404	-	4	15	TTG	TAG	0	0
mORF_-_4341408	4341408	4341413	-	4	6	TTG	TAG	0	0
mORF_-_4341421	4341421	4341480	-	5	60	ATG	TAA	0	0
mORF_-_4341487	4341487	4341621	-	5	135	TTG	TAG	0	0
mORF_-_4341618	4341618	4341650	-	4	33	TTG	TGA	0	0
mORF_-_4341662	4341662	4341820	-	6	159	TTG	TAA	0	0
mORF_-_4341727	4341727	4341744	-	5	18	ATG	TAG	0	0
mORF_-_4341748	4341748	4341795	-	5	48	GTG	TAA	0	0
mORF_-_4341756	4341756	4341788	-	4	33	TTG	TAA	0	0
mORF_-_4341864	4341864	4341887	-	4	24	ATG	TAA	0	0
mORF_-_4341928	4341928	4342017	-	5	90	TTG	TGA	0	0
mORF_-_4341960	4341960	4341971	-	4	12	TTG	TAA	0	0
mORF_-_4341968	4341968	4341997	-	6	30	ATG	TGA	0	0
mORF_-_4341978	4341978	4342049	-	4	72	GTG	TGA	0	0
mORF_-_4342010	4342010	4342042	-	6	33	ATG	TGA	0	0
mORF_-_4342018	4342018	4342059	-	5	42	ATG	TGA	0	0
mORF_-_4342050	4342050	4342094	-	4	45	ATG	TAA	0	0
mORF_-_4342117	4342117	4342137	-	5	21	ATG	TAA	0	0
mORF_-_4342152	4342152	4342169	-	4	18	ATG	TAG	0	0
mORF_-_4342201	4342201	4342281	-	5	81	ATG	TAA	0	0
mORF_-_4342224	4342224	4342253	-	4	30	GTG	TAG	0	0
mORF_-_4342260	4342260	4342298	-	4	39	ATG	TAA	0	0
mORF_-_4342299	4342299	4342343	-	4	45	ATG	TAG	0	0
mORF_-_4342343	4342343	4342357	-	6	15	GTG	TAA	0	0
mORF_-_4342354	4342354	4342434	-	5	81	ATG	TGA	0	0
mORF_-_4342421	4342421	4342474	-	6	54	GTG	TAA	0	0
mORF_-_4342495	4342495	4342551	-	5	57	ATG	TAA	0	0
mORF_-_4342562	4342562	4342606	-	6	45	TTG	TAA	0	0
mORF_-_4342576	4342576	4342659	-	5	84	ATG	TAG	0	0
mORF_-_4342629	4342629	4342646	-	4	18	TTG	TAA	0	0
mORF_-_4342640	4342640	4342822	-	6	183	TTG	TAG	0	0
mORF_-_4342687	4342687	4342749	-	5	63	TTG	TAG	0	0
mORF_-_4342768	4342768	4342947	-	5	180	TTG	TGA	0	0
mORF_-_4342826	4342826	4342927	-	6	102	ATG	TAG	0	0
mORF_-_4342857	4342857	4342865	-	4	9	GTG	TGA	0	0
mORF_-_4342917	4342917	4343066	-	4	150	GTG	TGA	0	0
mORF_-_4342952	4342952	4343581	-	6	630	ATG	TAA	0	0
mORF_-_4342963	4342963	4342971	-	5	9	TTG	TGA	0	0
mORF_-_4343020	4343020	4343094	-	5	75	ATG	TAA	0	0
mORF_-_4343091	4343091	4343129	-	4	39	GTG	TGA	0	0

mORF_-_4343134	4343134	4343142	-	5	9	ATG	TAA	0	0	
mORF_-_4343152	4343152	4343283	-	5	132	ATG	TAA	0	0	
mORF_-_4343289	4343289	4343309	-	4	21	ATG	TAA	0	0	
mORF_-_4343296	4343296	4343328	-	5	33	TTG	TGA	0	0	
mORF_-_4343410	4343410	4343454	-	5	45	TTG	TAA	0	0	
mORF_-_4343476	4343476	4343496	-	5	21	ATG	TGA	0	0	
mORF_-_4343550	4343550	4343594	-	4	45	TTG	TAA	0	0	
mORF_-_4343596	4343596	4343667	-	5	72	GTG	TGA	0	0	
mORF_-_4343612	4343612	4343767	-	6	156	ATG	TAG	0	0	
mORF_-_4343634	4343634	4343645	-	4	12	TTG	TAA	0	0	
mORF_-_4343703	4343703	4345349	-	4	1647	ATG	TAA	49	524	pORF_-_4343703
mORF_-_4343707	4343707	4343724	-	5	18	GTG	TAA	0	0	
mORF_-_4343764	4343764	4343847	-	5	84	GTG	TGA	0	0	
mORF_-_4343923	4343923	4343931	-	5	9	GTG	TAA	0	0	
mORF_-_4343975	4343975	4344139	-	6	165	TTG	TGA	0	0	
mORF_-_4344149	4344149	4344166	-	6	18	TTG	TGA	0	0	
mORF_-_4344248	4344248	4344268	-	6	21	TTG	TGA	0	0	
mORF_-_4344272	4344272	4344589	-	6	318	ATG	TGA	0	0	
mORF_-_4344586	4344586	4344807	-	5	222	TTG	TGA	0	0	
mORF_-_4344623	4344623	4344652	-	6	30	TTG	TGA	0	0	
mORF_-_4344653	4344653	4344658	-	6	6	TTG	TGA	0	0	
mORF_-_4344740	4344740	4344829	-	6	90	ATG	TGA	0	0	
mORF_-_4344830	4344830	4344973	-	6	144	GTG	TAG	0	0	
mORF_-_4344970	4344970	4344987	-	5	18	GTG	TGA	0	0	
mORF_-_4345076	4345076	4345141	-	6	66	TTG	TAA	0	0	
mORF_-_4345229	4345229	4345258	-	6	30	TTG	TGA	0	0	
mORF_-_4345261	4345261	4345419	-	5	159	TTG	TAG	0	0	
mORF_-_4345377	4345377	4345472	-	4	96	GTG	TAA	0	0	
mORF_-_4345403	4345403	4345426	-	6	24	ATG	TGA	0	0	
mORF_-_4345427	4345427	4346767	-	6	1341	ATG	TAA	1	8	pORF_-_4345427
mORF_-_4345480	4345480	4345488	-	5	9	TTG	TGA	0	0	
mORF_-_4345489	4345489	4345674	-	5	186	TTG	TGA	0	0	
mORF_-_4345554	4345554	4345613	-	4	60	TTG	TGA	0	0	
mORF_-_4345644	4345644	4345745	-	4	102	GTG	TGA	0	0	
mORF_-_4345702	4345702	4345737	-	5	36	ATG	TAA	0	0	
mORF_-_4345756	4345756	4345800	-	5	45	GTG	TGA	0	0	
mORF_-_4345785	4345785	4345823	-	4	39	ATG	TGA	0	0	
mORF_-_4345930	4345930	4346013	-	5	84	TTG	TGA	0	0	
mORF_-_4346004	4346004	4346051	-	4	48	GTG	TGA	0	0	
mORF_-_4346023	4346023	4346121	-	5	99	GTG	TAG	0	0	
mORF_-_4346218	4346218	4346445	-	5	228	ATG	TAA	0	0	
mORF_-_4346400	4346400	4346459	-	4	60	TTG	TAA	0	0	
mORF_-_4346479	4346479	4346622	-	5	144	TTG	TGA	0	0	
mORF_-_4346631	4346631	4346732	-	4	102	ATG	TAA	0	0	
mORF_-_4346683	4346683	4346721	-	5	39	ATG	TAG	0	0	
mORF_-_4346793	4346793	4346900	-	4	108	GTG	TAA	0	0	
mORF_-_4346897	4346897	4346941	-	6	45	GTG	TGA	0	0	
mORF_-_4346917	4346917	4346931	-	5	15	TTG	TAA	0	0	
mORF_-_4346988	4346988	4347080	-	4	93	ATG	TAA	0	0	
mORF_-_4347086	4347086	4347130	-	6	45	ATG	TAA	0	0	
mORF_-_4347093	4347093	4347128	-	4	36	GTG	TAA	0	0	
mORF_-_4347103	4347103	4347144	-	5	42	ATG	TAG	0	0	
mORF_-_4347150	4347150	4347194	-	4	45	GTG	TAA	0	0	
mORF_-_4347164	4347164	4347187	-	6	24	GTG	TAA	0	0	
mORF_-_4347206	4347206	4347253	-	6	48	TTG	TAA	0	0	
mORF_-_4347234	4347234	4347347	-	4	114	TTG	TAA	0	0	
mORF_-_4347257	4347257	4347298	-	6	42	ATG	TAA	0	0	
mORF_-_4347338	4347338	4348057	-	6	720	ATG	TAA	1	3	pORF_-_4347338
mORF_-_4347355	4347355	4347483	-	5	129	GTG	TGA	0	0	
mORF_-_4347505	4347505	4347546	-	5	42	TTG	TAG	0	0	
mORF_-_4347543	4347543	4347557	-	4	15	GTG	TGA	0	0	
mORF_-_4347634	4347634	4347720	-	5	87	TTG	TAA	0	0	
mORF_-_4347745	4347745	4347816	-	5	72	TTG	TGA	0	0	

mORF_-_4347817	4347817	4347825	-	5	9	GTG	TGA	0	0	
mORF_-_4347822	4347822	4347833	-	4	12	TTG	TGA	0	0	
mORF_-_4347901	4347901	4347969	-	5	69	GTG	TGA	0	0	
mORF_-_4347921	4347921	4347974	-	4	54	ATG	TAG	0	0	
mORF_-_4348009	4348009	4348035	-	5	27	ATG	TGA	0	0	
mORF_-_4348032	4348032	4348094	-	4	63	TTG	TGA	0	0	
mORF_-_4348042	4348042	4348050	-	5	9	ATG	TAA	0	0	
mORF_-_4348054	4348054	4349685	-	5	1632	ATG	TGA	0	0	
mORF_-_4348152	4348152	4348169	-	4	18	TTG	TAG	0	0	
mORF_-_4348173	4348173	4348274	-	4	102	GTG	TAG	0	0	
mORF_-_4348380	4348380	4348430	-	4	51	GTG	TGA	0	0	
mORF_-_4348482	4348482	4348532	-	4	51	TTG	TAA	0	0	
mORF_-_4348614	4348614	4348619	-	4	6	ATG	TGA	0	0	
mORF_-_4348629	4348629	4348667	-	4	39	ATG	TGA	0	0	
mORF_-_4348695	4348695	4348754	-	4	60	ATG	TGA	0	0	
mORF_-_4348779	4348779	4348853	-	4	75	ATG	TGA	0	0	
mORF_-_4348796	4348796	4348870	-	6	75	ATG	TAA	0	0	
mORF_-_4348878	4348878	4348898	-	4	21	ATG	TAA	0	0	
mORF_-_4348920	4348920	4348940	-	4	21	ATG	TGA	0	0	
mORF_-_4348947	4348947	4349024	-	4	78	TTG	TGA	0	0	
mORF_-_4349070	4349070	4349099	-	4	30	TTG	TGA	0	0	
mORF_-_4349100	4349100	4349156	-	4	57	ATG	TGA	0	0	
mORF_-_4349169	4349169	4349174	-	4	6	GTG	TGA	0	0	
mORF_-_4349178	4349178	4349297	-	4	120	ATG	TAA	0	0	
mORF_-_4349298	4349298	4349447	-	4	150	GTG	TGA	0	0	
mORF_-_4349529	4349529	4349537	-	4	9	ATG	TAG	0	0	
mORF_-_4349544	4349544	4349552	-	4	9	GTG	TGA	0	0	
mORF_-_4349549	4349549	4349704	-	6	156	TTG	TGA	0	0	
mORF_-_4349571	4349571	4349609	-	4	39	GTG	TGA	0	0	
mORF_-_4349685	4349685	4349717	-	4	33	ATG	TGA	0	0	
mORF_-_4349717	4349717	4349788	-	6	72	TTG	TAA	0	0	
mORF_-_4349740	4349740	4349844	-	5	105	ATG	TGA	0	0	
mORF_-_4349841	4349841	4349867	-	4	27	ATG	TGA	0	0	
mORF_-_4349878	4349878	4349952	-	5	75	ATG	TAG	0	0	
mORF_-_4349925	4349925	4349936	-	4	12	GTG	TAG	0	0	
mORF_-_4349946	4349946	4350038	-	4	93	GTG	TGA	0	0	
mORF_-_4349983	4349983	4350090	-	5	108	ATG	TAA	0	0	
mORF_-_4350044	4350044	4350130	-	6	87	TTG	TAA	0	0	
mORF_-_4350087	4350087	4350164	-	4	78	TTG	TGA	0	0	
mORF_-_4350137	4350137	4350517	-	6	381	TTG	TAA	0	0	
mORF_-_4350201	4350201	4350248	-	4	48	TTG	TAA	0	0	
mORF_-_4350310	4350310	4350501	-	5	192	ATG	TAA	0	0	
mORF_-_4350318	4350318	4350338	-	4	21	ATG	TAA	0	0	
mORF_-_4350408	4350408	4350461	-	4	54	GTG	TGA	0	0	
mORF_-_4350533	4350533	4350550	-	6	18	TTG	TAG	0	0	
mORF_-_4350547	4350547	4350603	-	5	57	ATG	TGA	0	0	
mORF_-_4350600	4350600	4350629	-	4	30	TTG	TGA	0	0	
mORF_-_4350626	4350626	4350694	-	6	69	ATG	TGA	0	0	
mORF_-_4350663	4350663	4350863	-	4	201	ATG	TAA	0	0	
mORF_-_4350691	4350691	4350753	-	5	63	TTG	TGA	0	0	
mORF_-_4350719	4350719	4350796	-	6	78	TTG	TAG	0	0	
mORF_-_4350863	4350863	4350937	-	6	75	GTG	TAA	0	0	
mORF_-_4350894	4350894	4350899	-	4	6	TTG	TAA	0	0	
mORF_-_4350960	4350960	4350992	-	4	33	ATG	TAA	0	0	
mORF_-_4351001	4351001	4351021	-	6	21	GTG	TAA	0	0	
mORF_-_4351006	4351006	4351023	-	5	18	ATG	TGA	0	0	
mORF_-_4351034	4351034	4351159	-	6	126	TTG	TAA	0	0	
mORF_-_4351131	4351131	4351211	-	4	81	ATG	TAA	0	0	
mORF_-_4351223	4351223	4352767	-	6	1545	TTG	TAA	92	606	pORF_-_4351223
mORF_-_4351294	4351294	4351341	-	5	48	ATG	TGA	0	0	
mORF_-_4351354	4351354	4351407	-	5	54	ATG	TGA	0	0	
mORF_-_4351450	4351450	4351530	-	5	81	ATG	TAA	0	0	
mORF_-_4351588	4351588	4351629	-	5	42	TTG	TGA	0	0	

mORF_-_4351678	4351678	4351803	-	5	126	ATG	TAG	0	0	
mORF_-_4351861	4351861	4351869	-	5	9	TTG	TGA	0	0	
mORF_-_4351870	4351870	4351890	-	5	21	ATG	TGA	0	0	
mORF_-_4351909	4351909	4351986	-	5	78	TTG	TGA	0	0	
mORF_-_4351993	4351993	4351998	-	5	6	TTG	TAG	0	0	
mORF_-_4352044	4352044	4352094	-	5	51	GTG	TAG	0	0	
mORF_-_4352122	4352122	4352268	-	5	147	ATG	TAG	0	0	
mORF_-_4352302	4352302	4352472	-	5	171	ATG	TGA	1	3	pORF_-_4352302
mORF_-_4352382	4352382	4352396	-	4	15	ATG	TGA	0	0	
mORF_-_4352482	4352482	4352487	-	5	6	TTG	TAA	0	0	
mORF_-_4352518	4352518	4352544	-	5	27	TTG	TGA	0	0	
mORF_-_4352548	4352548	4352643	-	5	96	GTG	TAA	0	0	
mORF_-_4352683	4352683	4352712	-	5	30	ATG	TGA	0	0	
mORF_-_4352764	4352764	4352799	-	5	36	GTG	TGA	0	0	
mORF_-_4352854	4352854	4352862	-	5	9	TTG	TAA	0	0	
mORF_-_4352859	4352859	4352873	-	4	15	GTG	TGA	0	0	
mORF_-_4352873	4352873	4352890	-	6	18	TTG	TAG	0	0	
mORF_-_4352929	4352929	4352961	-	5	33	TTG	TAA	0	0	
mORF_-_4352977	4352977	4354434	-	5	1458	ATG	TAA	0	0	
mORF_-_4352997	4352997	4353113	-	4	117	TTG	TGA	0	0	
mORF_-_4353014	4353014	4353076	-	6	63	GTG	TAG	0	0	
mORF_-_4353228	4353228	4353278	-	4	51	TTG	TGA	0	0	
mORF_-_4353306	4353306	4353374	-	4	69	GTG	TGA	0	0	
mORF_-_4353350	4353350	4353376	-	6	27	TTG	TGA	0	0	
mORF_-_4353381	4353381	4353401	-	4	21	TTG	TGA	0	0	
mORF_-_4353405	4353405	4353467	-	4	63	TTG	TGA	0	0	
mORF_-_4353480	4353480	4353494	-	4	15	ATG	TGA	0	0	
mORF_-_4353495	4353495	4353527	-	4	33	TTG	TGA	0	0	
mORF_-_4353524	4353524	4353802	-	6	279	ATG	TGA	1	2	pORF_-_4353524
mORF_-_4353546	4353546	4353620	-	4	75	TTG	TGA	0	0	
mORF_-_4353624	4353624	4353650	-	4	27	GTG	TGA	0	0	
mORF_-_4353675	4353675	4353701	-	4	27	TTG	TGA	0	0	
mORF_-_4353789	4353789	4353824	-	4	36	GTG	TAG	0	0	
mORF_-_4353848	4353848	4353949	-	6	102	GTG	TAG	0	0	
mORF_-_4353888	4353888	4354175	-	4	288	TTG	TGA	0	0	
mORF_-_4354028	4354028	4354105	-	6	78	TTG	TGA	0	0	
mORF_-_4354182	4354182	4354199	-	4	18	TTG	TAA	0	0	
mORF_-_4354200	4354200	4354352	-	4	153	GTG	TGA	0	0	
mORF_-_4354310	4354310	4354474	-	6	165	GTG	TGA	0	0	
mORF_-_4354431	4354431	4354469	-	4	39	TTG	TGA	0	0	
mORF_-_4354493	4354493	4356679	-	6	2187	ATG	TAA	1	2	pORF_-_4354493
mORF_-_4354513	4354513	4354602	-	5	90	GTG	TGA	0	0	
mORF_-_4354599	4354599	4354604	-	4	6	GTG	TGA	0	0	
mORF_-_4354648	4354648	4354656	-	5	9	GTG	TGA	0	0	
mORF_-_4354747	4354747	4354779	-	5	33	ATG	TGA	0	0	
mORF_-_4354789	4354789	4354812	-	5	24	TTG	TAA	0	0	
mORF_-_4354825	4354825	4354851	-	5	27	TTG	TGA	0	0	
mORF_-_4354852	4354852	4354917	-	5	66	GTG	TGA	0	0	
mORF_-_4354942	4354942	4354947	-	5	6	GTG	TGA	0	0	
mORF_-_4354954	4354954	4354968	-	5	15	GTG	TGA	0	0	
mORF_-_4354981	4354981	4354989	-	5	9	GTG	TGA	0	0	
mORF_-_4354999	4354999	4355121	-	5	123	TTG	TGA	0	0	
mORF_-_4355158	4355158	4355301	-	5	144	ATG	TGA	0	0	
mORF_-_4355232	4355232	4355252	-	4	21	ATG	TGA	0	0	
mORF_-_4355253	4355253	4355282	-	4	30	ATG	TGA	0	0	
mORF_-_4355314	4355314	4355355	-	5	42	TTG	TGA	0	0	
mORF_-_4355368	4355368	4355385	-	5	18	ATG	TGA	0	0	
mORF_-_4355488	4355488	4355496	-	5	9	GTG	TAA	0	0	
mORF_-_4355499	4355499	4355603	-	4	105	ATG	TAA	0	0	
mORF_-_4355578	4355578	4355589	-	5	12	GTG	TAG	0	0	
mORF_-_4355593	4355593	4355655	-	5	63	TTG	TGA	0	0	
mORF_-_4355604	4355604	4355645	-	4	42	GTG	TAA	0	0	
mORF_-_4355668	4355668	4355718	-	5	51	ATG	TGA	0	0	

mORF_-_4355734	4355734	4355742	-	5	9	ATG	TAA	0	0
mORF_-_4355773	4355773	4355874	-	5	102	ATG	TGA	0	0
mORF_-_4355896	4355896	4355922	-	5	27	TTG	TGA	0	0
mORF_-_4355923	4355923	4355964	-	5	42	TTG	TGA	0	0
mORF_-_4355992	4355992	4356060	-	5	69	GTG	TGA	0	0
mORF_-_4356112	4356112	4356138	-	5	27	ATG	TGA	0	0
mORF_-_4356151	4356151	4356225	-	5	75	ATG	TAG	0	0
mORF_-_4356244	4356244	4356360	-	5	117	ATG	TGA	0	0
mORF_-_4356367	4356367	4356372	-	5	6	ATG	TAA	0	0
mORF_-_4356421	4356421	4356495	-	5	75	ATG	TGA	0	0
mORF_-_4356429	4356429	4356443	-	4	15	GTG	TAG	0	0
mORF_-_4356468	4356468	4356485	-	4	18	GTG	TGA	0	0
mORF_-_4356511	4356511	4356543	-	5	33	TTG	TAA	0	0
mORF_-_4356553	4356553	4356582	-	5	30	GTG	TGA	0	0
mORF_-_4356597	4356597	4356686	-	4	90	TTG	TAA	0	0
mORF_-_4356619	4356619	4356630	-	5	12	TTG	TGA	0	0
mORF_-_4356720	4356720	4358054	-	4	1335	ATG	TAA	0	0
mORF_-_4356745	4356745	4356876	-	5	132	TTG	TAA	0	0
mORF_-_4356893	4356893	4356928	-	6	36	TTG	TGA	0	0
mORF_-_4356935	4356935	4356943	-	6	9	TTG	TGA	0	0
mORF_-_4356940	4356940	4356948	-	5	9	TTG	TGA	0	0
mORF_-_4356992	4356992	4357024	-	6	33	GTG	TGA	0	0
mORF_-_4357070	4357070	4357165	-	6	96	GTG	TGA	0	0
mORF_-_4357150	4357150	4357212	-	5	63	GTG	TAA	0	0
mORF_-_4357205	4357205	4357291	-	6	87	GTG	TGA	0	0
mORF_-_4357304	4357304	4357357	-	6	54	TTG	TAA	0	0
mORF_-_4357430	4357430	4357567	-	6	138	TTG	TAA	0	0
mORF_-_4357444	4357444	4357464	-	5	21	GTG	TGA	0	0
mORF_-_4357546	4357546	4357632	-	5	87	TTG	TGA	0	0
mORF_-_4357577	4357577	4357609	-	6	33	TTG	TGA	0	0
mORF_-_4357649	4357649	4357708	-	6	60	ATG	TAA	0	0
mORF_-_4357709	4357709	4357948	-	6	240	GTG	TAA	0	0
mORF_-_4357777	4357777	4357929	-	5	153	TTG	TAA	0	0
mORF_-_4357958	4357958	4357981	-	6	24	TTG	TAG	0	0
mORF_-_4357994	4357994	4358026	-	6	33	TTG	TGA	0	0
mORF_-_4357999	4357999	4358097	-	5	99	ATG	TAA	0	0
mORF_-_4358094	4358094	4358252	-	4	159	ATG	TGA	0	0
mORF_-_4358171	4358171	4358188	-	6	18	TTG	TAA	0	0
mORF_-_4358222	4358222	4358230	-	6	9	ATG	TAA	0	0
mORF_-_4358230	4358230	4358241	-	5	12	TTG	TGA	0	0
mORF_-_4358249	4358249	4358266	-	6	18	ATG	TGA	0	0
mORF_-_4358267	4358267	4358332	-	6	66	TTG	TAA	0	0
mORF_-_4358274	4358274	4358294	-	4	21	ATG	TAA	0	0
mORF_-_4358308	4358308	4358349	-	5	42	ATG	TAA	0	0
mORF_-_4358322	4358322	4358372	-	4	51	TTG	TAA	0	0
mORF_-_4358351	4358351	4358407	-	6	57	TTG	TAA	0	0
mORF_-_4358377	4358377	4358400	-	5	24	ATG	TGA	0	0
mORF_-_4358415	4358415	4358546	-	4	132	ATG	TAA	0	0
mORF_-_4358419	4358419	4359957	-	5	1539	ATG	TAA	0	0
mORF_-_4358571	4358571	4358600	-	4	30	ATG	TGA	0	0
mORF_-_4358604	4358604	4358627	-	4	24	TTG	TAA	0	0
mORF_-_4358637	4358637	4358657	-	4	21	ATG	TAA	0	0
mORF_-_4358670	4358670	4358681	-	4	12	GTG	TAA	0	0
mORF_-_4358718	4358718	4358738	-	4	21	TTG	TGA	0	0
mORF_-_4358766	4358766	4358780	-	4	15	ATG	TAG	0	0
mORF_-_4358781	4358781	4358813	-	4	33	TTG	TAG	0	0
mORF_-_4358814	4358814	4358870	-	4	57	GTG	TAG	0	0
mORF_-_4358871	4358871	4358888	-	4	18	GTG	TAG	0	0
mORF_-_4358892	4358892	4358927	-	4	36	ATG	TGA	0	0
mORF_-_4358942	4358942	4359007	-	6	66	GTG	TAA	0	0
mORF_-_4358946	4358946	4358960	-	4	15	GTG	TAA	0	0
mORF_-_4359015	4359015	4359116	-	4	102	ATG	TAA	0	0
mORF_-_4359089	4359089	4359145	-	6	57	ATG	TAA	0	0

mORF_-_4359129	4359129	4359287	-	4	159	GTG	TAA	0	0	
mORF_-_4359332	4359332	4359337	-	6	6	TTG	TAA	0	0	
mORF_-_4359345	4359345	4359362	-	4	18	TTG	TAA	0	0	
mORF_-_4359396	4359396	4359416	-	4	21	TTG	TGA	0	0	
mORF_-_4359413	4359413	4359481	-	6	69	TTG	TGA	0	0	
mORF_-_4359438	4359438	4359443	-	4	6	GTG	TAG	0	0	
mORF_-_4359657	4359657	4359713	-	4	57	ATG	TAA	0	0	
mORF_-_4359753	4359753	4359839	-	4	87	TTG	TGA	0	0	
mORF_-_4359858	4359858	4359890	-	4	33	ATG	TAA	0	0	
mORF_-_4359896	4359896	4360003	-	6	108	GTG	TAG	0	0	
mORF_-_4359906	4359906	4359935	-	4	30	TTG	TAA	0	0	
mORF_-_4359942	4359942	4360019	-	4	78	ATG	TAG	0	0	
mORF_-_4359967	4359967	4360005	-	5	39	TTG	TGA	0	0	
mORF_-_4360032	4360032	4360079	-	4	48	ATG	TAA	0	0	
mORF_-_4360036	4360036	4360041	-	5	6	ATG	TAA	0	0	
mORF_-_4360091	4360091	4360213	-	6	123	GTG	TAA	0	0	
mORF_-_4360114	4360114	4360149	-	5	36	TTG	TAA	0	0	
mORF_-_4360156	4360156	4360194	-	5	39	ATG	TGA	0	0	
mORF_-_4360222	4360222	4360281	-	5	60	ATG	TAA	0	0	
mORF_-_4360233	4360233	4360265	-	4	33	ATG	TAA	0	0	
mORF_-_4360278	4360278	4360295	-	4	18	ATG	TGA	0	0	
mORF_-_4360335	4360335	4360385	-	4	51	GTG	TAA	0	0	
mORF_-_4360352	4360352	4360390	-	6	39	ATG	TGA	0	0	
mORF_-_4360372	4360372	4360395	-	5	24	GTG	TGA	0	0	
mORF_-_4360397	4360397	4360423	-	6	27	TTG	TGA	0	0	
mORF_-_4360407	4360407	4360451	-	4	45	TTG	TAG	0	0	
mORF_-_4360514	4360514	4360618	-	6	105	TTG	TAA	0	0	
mORF_-_4360563	4360563	4360688	-	4	126	TTG	TAA	0	0	
mORF_-_4360615	4360615	4360680	-	5	66	ATG	TGA	0	0	
mORF_-_4360640	4360640	4360651	-	6	12	TTG	TAG	0	0	
mORF_-_4360661	4360661	4360678	-	6	18	GTG	TAA	0	0	
mORF_-_4360696	4360696	4360713	-	5	18	TTG	TGA	0	0	
mORF_-_4360718	4360718	4360732	-	6	15	TTG	TAA	0	0	
mORF_-_4360756	4360756	4361355	-	5	600	GTG	TGA	16	86	pORF_-_4360756
mORF_-_4360761	4360761	4360832	-	4	72	ATG	TGA	0	0	
mORF_-_4360899	4360899	4360919	-	4	21	TTG	TAG	0	0	
mORF_-_4361060	4361060	4361068	-	6	9	GTG	TAA	0	0	
mORF_-_4361130	4361130	4361150	-	4	21	ATG	TGA	0	0	
mORF_-_4361151	4361151	4361276	-	4	126	TTG	TAG	0	0	
mORF_-_4361298	4361298	4361492	-	4	195	ATG	TGA	0	0	
mORF_-_4361333	4361333	4361371	-	6	39	GTG	TAG	0	0	
mORF_-_4361368	4361368	4363146	-	5	1779	ATG	TGA	2	7	pORF_-_4361368
mORF_-_4361502	4361502	4361516	-	4	15	ATG	TAA	0	0	
mORF_-_4361565	4361565	4361639	-	4	75	ATG	TAG	0	0	
mORF_-_4361615	4361615	4361629	-	6	15	GTG	TAA	0	0	
mORF_-_4361652	4361652	4361675	-	4	24	TTG	TGA	0	0	
mORF_-_4361688	4361688	4361696	-	4	9	ATG	TAA	0	0	
mORF_-_4361693	4361693	4361767	-	6	75	TTG	TGA	0	0	
mORF_-_4361697	4361697	4361924	-	4	228	TTG	TAG	0	0	
mORF_-_4361840	4361840	4361914	-	6	75	ATG	TAA	0	0	
mORF_-_4361918	4361918	4361998	-	6	81	GTG	TGA	0	0	
mORF_-_4361961	4361961	4362029	-	4	69	TTG	TGA	0	0	
mORF_-_4362023	4362023	4362100	-	6	78	GTG	TAA	0	0	
mORF_-_4362045	4362045	4362071	-	4	27	ATG	TGA	0	0	
mORF_-_4362137	4362137	4362157	-	6	21	ATG	TAG	0	0	
mORF_-_4362168	4362168	4362200	-	4	33	GTG	TGA	0	0	
mORF_-_4362234	4362234	4362383	-	4	150	TTG	TGA	0	0	
mORF_-_4362408	4362408	4362428	-	4	21	ATG	TGA	0	0	
mORF_-_4362438	4362438	4362479	-	4	42	GTG	TGA	0	0	
mORF_-_4362473	4362473	4362523	-	6	51	ATG	TAA	0	0	
mORF_-_4362498	4362498	4362542	-	4	45	TTG	TGA	0	0	
mORF_-_4362651	4362651	4362701	-	4	51	GTG	TAA	0	0	
mORF_-_4362720	4362720	4362737	-	4	18	GTG	TAA	0	0	

mORF_-_4362765	4362765	4362845	-	4	81	TTG	TGA	0	0	
mORF_-_4362915	4362915	4363013	-	4	99	TTG	TGA	0	0	
mORF_-_4362947	4362947	4363030	-	6	84	TTG	TGA	0	0	
mORF_-_4363041	4363041	4363385	-	4	345	GTG	TGA	4	13	pORF_-_4363041
mORF_-_4363298	4363298	4363495	-	6	198	ATG	TAG	0	0	
mORF_-_4363318	4363318	4363335	-	5	18	ATG	TGA	0	0	
mORF_-_4363372	4363372	4363422	-	5	51	GTG	TGA	0	0	
mORF_-_4363422	4363422	4363691	-	4	270	TTG	TAG	0	0	
mORF_-_4363495	4363495	4364796	-	5	1302	ATG	TAA	3	8	pORF_-_4363495
mORF_-_4363508	4363508	4363531	-	6	24	TTG	TAG	0	0	
mORF_-_4363613	4363613	4363807	-	6	195	GTG	TGA	0	0	
mORF_-_4363734	4363734	4363781	-	4	48	TTG	TGA	0	0	
mORF_-_4363821	4363821	4363892	-	4	72	GTG	TGA	0	0	
mORF_-_4363826	4363826	4363903	-	6	78	TTG	TGA	0	0	
mORF_-_4363980	4363980	4363991	-	4	12	TTG	TGA	0	0	
mORF_-_4364031	4364031	4364093	-	4	63	TTG	TGA	0	0	
mORF_-_4364094	4364094	4364171	-	4	78	TTG	TAG	0	0	
mORF_-_4364210	4364210	4364419	-	6	210	TTG	TGA	0	0	
mORF_-_4364253	4364253	4364318	-	4	66	ATG	TGA	0	0	
mORF_-_4364328	4364328	4364495	-	4	168	TTG	TGA	0	0	
mORF_-_4364514	4364514	4364726	-	4	213	TTG	TGA	0	0	
mORF_-_4364784	4364784	4364789	-	4	6	TTG	TAG	0	0	
mORF_-_4364798	4364798	4364821	-	6	24	TTG	TAA	0	0	
mORF_-_4364829	4364829	4364858	-	4	30	GTG	TAA	0	0	
mORF_-_4364848	4364848	4364877	-	5	30	ATG	TAA	0	0	
mORF_-_4364855	4364855	4364872	-	6	18	GTG	TGA	0	0	
mORF_-_4364901	4364901	4364930	-	4	30	ATG	TAG	0	0	
mORF_-_4364914	4364914	4366395	-	5	1482	GTG	TAA	27	121	pORF_-_4364914
mORF_-_4364964	4364964	4364993	-	4	30	TTG	TGA	0	0	
mORF_-_4365006	4365006	4365080	-	4	75	GTG	TGA	0	0	
mORF_-_4365077	4365077	4365151	-	6	75	GTG	TGA	0	0	
mORF_-_4365176	4365176	4365205	-	6	30	TTG	TAA	0	0	
mORF_-_4365213	4365213	4365248	-	4	36	TTG	TGA	0	0	
mORF_-_4365267	4365267	4365359	-	4	93	TTG	TGA	0	0	
mORF_-_4365314	4365314	4365334	-	6	21	ATG	TAA	0	0	
mORF_-_4365423	4365423	4365434	-	4	12	GTG	TGA	0	0	
mORF_-_4365498	4365498	4365521	-	4	24	ATG	TGA	0	0	
mORF_-_4365557	4365557	4365571	-	6	15	ATG	TGA	0	0	
mORF_-_4365633	4365633	4365662	-	4	30	TTG	TGA	0	0	
mORF_-_4365795	4365795	4365857	-	4	63	ATG	TGA	0	0	
mORF_-_4365870	4365870	4365941	-	4	72	ATG	TGA	0	0	
mORF_-_4365917	4365917	4365931	-	6	15	ATG	TAA	0	0	
mORF_-_4365954	4365954	4365971	-	4	18	GTG	TGA	0	0	
mORF_-_4365968	4365968	4366087	-	6	120	ATG	TGA	0	0	
mORF_-_4366098	4366098	4366130	-	4	33	ATG	TGA	0	0	
mORF_-_4366109	4366109	4366114	-	6	6	ATG	TGA	0	0	
mORF_-_4366134	4366134	4366139	-	4	6	GTG	TAG	0	0	
mORF_-_4366194	4366194	4366259	-	4	66	TTG	TAA	0	0	
mORF_-_4366266	4366266	4366292	-	4	27	ATG	TGA	0	0	
mORF_-_4366292	4366292	4366393	-	6	102	GTG	TGA	0	0	
mORF_-_4366365	4366365	4366376	-	4	12	TTG	TGA	0	0	
mORF_-_4366386	4366386	4366502	-	4	117	GTG	TAA	0	0	
mORF_-_4366532	4366532	4366615	-	6	84	TTG	TAA	0	0	
mORF_-_4366549	4366549	4366590	-	5	42	ATG	TGA	0	0	
mORF_-_4366566	4366566	4366643	-	4	78	ATG	TAG	0	0	
mORF_-_4366603	4366603	4366638	-	5	36	TTG	TAG	0	0	
mORF_-_4366644	4366644	4366712	-	4	69	ATG	TGA	0	0	
mORF_-_4366703	4366703	4366741	-	6	39	TTG	TAA	0	0	
mORF_-_4366738	4366738	4366761	-	5	24	ATG	TGA	0	0	
mORF_-_4366749	4366749	4367048	-	4	300	ATG	TGA	0	0	
mORF_-_4366808	4366808	4366822	-	6	15	GTG	TAA	0	0	
mORF_-_4366819	4366819	4366866	-	5	48	TTG	TGA	0	0	
mORF_-_4366984	4366984	4367142	-	5	159	ATG	TAA	0	0	

mORF_-_4367063	4367063	4367296	-	6	234	ATG	TAA	0	0
mORF_-_4367179	4367179	4368495	-	5	1317	GTG	TAA	0	0
mORF_-_4367187	4367187	4367195	-	4	9	ATG	TAA	0	0
mORF_-_4367247	4367247	4367309	-	4	63	TTG	TGA	0	0
mORF_-_4367345	4367345	4367365	-	6	21	ATG	TAA	0	0
mORF_-_4367376	4367376	4367399	-	4	24	ATG	TGA	0	0
mORF_-_4367427	4367427	4367435	-	4	9	ATG	TAG	0	0
mORF_-_4367451	4367451	4367615	-	4	165	TTG	TGA	0	0
mORF_-_4367534	4367534	4367632	-	6	99	ATG	TAA	0	0
mORF_-_4367616	4367616	4367627	-	4	12	TTG	TGA	0	0
mORF_-_4367640	4367640	4367645	-	4	6	GTG	TAG	0	0
mORF_-_4367658	4367658	4367702	-	4	45	ATG	TAG	0	0
mORF_-_4367745	4367745	4367768	-	4	24	TTG	TAG	0	0
mORF_-_4367772	4367772	4367846	-	4	75	TTG	TGA	0	0
mORF_-_4367804	4367804	4367851	-	6	48	GTG	TAA	0	0
mORF_-_4367859	4367859	4367960	-	4	102	TTG	TGA	0	0
mORF_-_4367897	4367897	4367947	-	6	51	GTG	TAA	0	0
mORF_-_4367961	4367961	4368272	-	4	312	TTG	TGA	0	0
mORF_-_4367999	4367999	4368037	-	6	39	GTG	TAA	0	0
mORF_-_4368182	4368182	4368310	-	6	129	GTG	TGA	0	0
mORF_-_4368317	4368317	4368562	-	6	246	GTG	TAA	0	0
mORF_-_4368339	4368339	4368356	-	4	18	TTG	TAG	0	0
mORF_-_4368369	4368369	4368431	-	4	63	GTG	TAG	0	0
mORF_-_4368432	4368432	4368497	-	4	66	TTG	TGA	0	0
mORF_-_4368578	4368578	4368913	-	6	336	TTG	TGA	0	0
mORF_-_4368637	4368637	4368672	-	5	36	GTG	TGA	0	0
mORF_-_4368694	4368694	4368726	-	5	33	ATG	TGA	0	0
mORF_-_4368708	4368708	4369025	-	4	318	ATG	TGA	0	0
mORF_-_4368920	4368920	4369018	-	6	99	GTG	TAG	0	0
mORF_-_4368964	4368964	4370250	-	5	1287	GTG	TGA	0	0
mORF_-_4369032	4369032	4369319	-	4	288	GTG	TAA	0	0
mORF_-_4369133	4369133	4369186	-	6	54	GTG	TAA	0	0
mORF_-_4369283	4369283	4369324	-	6	42	TTG	TAG	0	0
mORF_-_4369335	4369335	4369412	-	4	78	TTG	TGA	0	0
mORF_-_4369418	4369418	4369459	-	6	42	ATG	TAA	0	0
mORF_-_4369482	4369482	4369574	-	4	93	GTG	TGA	0	0
mORF_-_4369653	4369653	4369856	-	4	204	ATG	TAA	0	0
mORF_-_4369793	4369793	4369828	-	6	36	TTG	TGA	0	0
mORF_-_4369874	4369874	4369882	-	6	9	GTG	TAA	0	0
mORF_-_4369907	4369907	4369984	-	6	78	TTG	TAG	0	0
mORF_-_4370001	4370001	4370045	-	4	45	ATG	TGA	0	0
mORF_-_4370042	4370042	4370116	-	6	75	TTG	TGA	0	0
mORF_-_4370124	4370124	4370186	-	4	63	TTG	TAG	0	0
mORF_-_4370198	4370198	4370230	-	6	33	GTG	TAG	0	0
mORF_-_4370340	4370340	4370369	-	4	30	TTG	TGA	0	0
mORF_-_4370366	4370366	4370386	-	6	21	TTG	TGA	0	0
mORF_-_4370403	4370403	4370471	-	4	69	TTG	TGA	0	0
mORF_-_4370453	4370453	4370536	-	6	84	TTG	TAA	0	0
mORF_-_4370478	4370478	4370705	-	4	228	GTG	TAA	0	0
mORF_-_4370609	4370609	4370722	-	6	114	TTG	TAA	0	0
mORF_-_4370641	4370641	4370814	-	5	174	ATG	TAA	0	0
mORF_-_4370780	4370780	4370899	-	6	120	TTG	TGA	0	0
mORF_-_4370811	4370811	4370837	-	4	27	GTG	TGA	0	0
mORF_-_4370871	4370871	4371257	-	4	387	ATG	TAG	0	0
mORF_-_4370918	4370918	4371061	-	6	144	TTG	TGA	0	0
mORF_-_4371031	4371031	4371075	-	5	45	TTG	TAG	0	0
mORF_-_4371092	4371092	4371100	-	6	9	ATG	TAA	0	0
mORF_-_4371154	4371154	4371345	-	5	192	ATG	TAA	0	0
mORF_-_4371245	4371245	4371313	-	6	69	ATG	TAG	0	0
mORF_-_4371303	4371303	4371326	-	4	24	TTG	TAA	0	0
mORF_-_4371342	4371342	4371428	-	4	87	GTG	TGA	0	0
mORF_-_4371347	4371347	4371454	-	6	108	ATG	TGA	0	0
mORF_-_4371388	4371388	4372257	-	5	870	ATG	TAA	0	0

mORF_-_4371479	4371479	4371514	-	6	36	ATG	TAA	0	0
mORF_-_4371489	4371489	4371521	-	4	33	GTG	TAG	0	0
mORF_-_4371534	4371534	4371554	-	4	21	TTG	TGA	0	0
mORF_-_4371576	4371576	4371602	-	4	27	GTG	TAG	0	0
mORF_-_4371609	4371609	4371752	-	4	144	TTG	TGA	0	0
mORF_-_4371689	4371689	4371700	-	6	12	ATG	TAA	0	0
mORF_-_4371774	4371774	4371869	-	4	96	ATG	TAG	0	0
mORF_-_4371876	4371876	4371899	-	4	24	ATG	TAG	0	0
mORF_-_4371881	4371881	4371886	-	6	6	ATG	TGA	0	0
mORF_-_4371906	4371906	4372115	-	4	210	TTG	TAA	0	0
mORF_-_4372185	4372185	4372238	-	4	54	GTG	TGA	0	0
mORF_-_4372232	4372232	4372276	-	6	45	ATG	TAA	0	0
mORF_-_4372269	4372269	4372283	-	4	15	TTG	TAG	0	0
mORF_-_4372284	4372284	4372367	-	4	84	GTG	TAA	0	0
mORF_-_4372340	4372340	4372351	-	6	12	ATG	TAA	0	0
mORF_-_4372404	4372404	4372436	-	4	33	ATG	TAA	0	0
mORF_-_4372408	4372408	4372431	-	5	24	TTG	TAG	0	0
mORF_-_4372445	4372445	4372459	-	6	15	TTG	TAA	0	0
mORF_-_4372452	4372452	4372466	-	4	15	TTG	TAA	0	0
mORF_-_4372484	4372484	4372621	-	6	138	TTG	TAA	0	0
mORF_-_4372558	4372558	4372572	-	5	15	ATG	TGA	0	0
mORF_-_4372579	4372579	4372587	-	5	9	GTG	TGA	0	0
mORF_-_4372648	4372648	4372704	-	5	57	TTG	TGA	0	0
mORF_-_4372652	4372652	4373680	-	6	1029	ATG	TAA	0	0
mORF_-_4372747	4372747	4372785	-	5	39	GTG	TGA	0	0
mORF_-_4372786	4372786	4372827	-	5	42	ATG	TGA	0	0
mORF_-_4372843	4372843	4372866	-	5	24	ATG	TAA	0	0
mORF_-_4372900	4372900	4372908	-	5	9	GTG	TGA	0	0
mORF_-_4372942	4372942	4372983	-	5	42	ATG	TAG	0	0
mORF_-_4372984	4372984	4372998	-	5	15	ATG	TAG	0	0
mORF_-_4372989	4372989	4373048	-	4	60	ATG	TGA	0	0
mORF_-_4373011	4373011	4373052	-	5	42	TTG	TGA	0	0
mORF_-_4373080	4373080	4373085	-	5	6	TTG	TGA	0	0
mORF_-_4373200	4373200	4373280	-	5	81	ATG	TGA	0	0
mORF_-_4373253	4373253	4373312	-	4	60	TTG	TAA	0	0
mORF_-_4373380	4373380	4373529	-	5	150	TTG	TAG	0	0
mORF_-_4373581	4373581	4373601	-	5	21	ATG	TGA	0	0
mORF_-_4373601	4373601	4373699	-	4	99	TTG	TGA	0	0
mORF_-_4373611	4373611	4373625	-	5	15	TTG	TGA	0	0
mORF_-_4373665	4373665	4373670	-	5	6	TTG	TAA	0	0
mORF_-_4373689	4373689	4373706	-	5	18	TTG	TAA	0	0
mORF_-_4373720	4373720	4373728	-	6	9	TTG	TAA	0	0
mORF_-_4373733	4373733	4373768	-	4	36	ATG	TAG	0	0
mORF_-_4373765	4373765	4373833	-	6	69	ATG	TGA	0	0
mORF_-_4373770	4373770	4374324	-	5	555	GTG	TAA	0	0
mORF_-_4373784	4373784	4373891	-	4	108	TTG	TAA	0	0
mORF_-_4373940	4373940	4374029	-	4	90	TTG	TAA	0	0
mORF_-_4373972	4373972	4374019	-	6	48	TTG	TGA	0	0
mORF_-_4374081	4374081	4374245	-	4	165	TTG	TGA	0	0
mORF_-_4374321	4374321	4374446	-	4	126	ATG	TGA	0	0
mORF_-_4374334	4374334	4374432	-	5	99	ATG	TGA	0	0
mORF_-_4374425	4374425	4374556	-	6	132	ATG	TGA	0	0
mORF_-_4374490	4374490	4374504	-	5	15	ATG	TGA	0	0
mORF_-_4374526	4374526	4374543	-	5	18	TTG	TAA	0	0
mORF_-_4374560	4374560	4374670	-	6	111	ATG	TAG	0	0
mORF_-_4374574	4374574	4374825	-	5	252	TTG	TAA	0	0
mORF_-_4374630	4374630	4374812	-	4	183	TTG	TAA	0	0
mORF_-_4374773	4374773	4374829	-	6	57	ATG	TGA	0	0
mORF_-_4374822	4374822	4374881	-	4	60	TTG	TGA	0	0
mORF_-_4374829	4374829	4374852	-	5	24	TTG	TGA	0	0
mORF_-_4374913	4374913	4374969	-	5	57	GTG	TAA	0	0
mORF_-_4375071	4375071	4375208	-	4	138	GTG	TAA	0	0
mORF_-_4375171	4375171	4375212	-	5	42	GTG	TAA	0	0

mORF_-_4375202	4375202	4375255	-	6	54	TTG	TGA	0	0	
mORF_-_4375212	4375212	4375745	-	4	534	ATG	TAG	5	17	pORF_-_4375212
mORF_-_4375216	4375216	4375236	-	5	21	TTG	TAG	0	0	
mORF_-_4375292	4375292	4375420	-	6	129	TTG	TGA	0	0	
mORF_-_4375300	4375300	4375356	-	5	57	TTG	TGA	0	0	
mORF_-_4375433	4375433	4375528	-	6	96	ATG	TGA	0	0	
mORF_-_4375477	4375477	4375491	-	5	15	GTG	TGA	0	0	
mORF_-_4375529	4375529	4375615	-	6	87	ATG	TGA	0	0	
mORF_-_4375661	4375661	4375789	-	6	129	TTG	TGA	0	0	
mORF_-_4375834	4375834	4377162	-	5	1329	GTG	TAA	9	25	pORF_-_4375834
mORF_-_4375908	4375908	4375955	-	4	48	TTG	TGA	0	0	
mORF_-_4375976	4375976	4375987	-	6	12	ATG	TAA	0	0	
mORF_-_4376025	4376025	4376060	-	4	36	GTG	TAA	0	0	
mORF_-_4376085	4376085	4376198	-	4	114	TTG	TAA	0	0	
mORF_-_4376205	4376205	4376240	-	4	36	TTG	TAA	0	0	
mORF_-_4376250	4376250	4376270	-	4	21	ATG	TGA	0	0	
mORF_-_4376271	4376271	4376411	-	4	141	TTG	TAG	0	0	
mORF_-_4376351	4376351	4376359	-	6	9	GTG	TAA	0	0	
mORF_-_4376408	4376408	4376497	-	6	90	ATG	TGA	0	0	
mORF_-_4376430	4376430	4376471	-	4	42	ATG	TGA	0	0	
mORF_-_4376544	4376544	4376615	-	4	72	ATG	TGA	0	0	
mORF_-_4376549	4376549	4376620	-	6	72	GTG	TGA	0	0	
mORF_-_4376664	4376664	4376702	-	4	39	TTG	TAA	0	0	
mORF_-_4376733	4376733	4376786	-	4	54	ATG	TAG	0	0	
mORF_-_4376810	4376810	4376983	-	6	174	ATG	TAA	0	0	
mORF_-_4376859	4376859	4376915	-	4	57	TTG	TAG	0	0	
mORF_-_4376937	4376937	4376987	-	4	51	TTG	TAA	0	0	
mORF_-_4377014	4377014	4377049	-	6	36	TTG	TAA	0	0	
mORF_-_4377030	4377030	4377419	-	4	390	TTG	TAA	0	0	
mORF_-_4377050	4377050	4377061	-	6	12	TTG	TGA	0	0	
mORF_-_4377119	4377119	4377157	-	6	39	GTG	TGA	0	0	
mORF_-_4377179	4377179	4377202	-	6	24	TTG	TGA	0	0	
mORF_-_4377239	4377239	4377250	-	6	12	GTG	TGA	0	0	
mORF_-_4377247	4377247	4377321	-	5	75	GTG	TGA	0	0	
mORF_-_4377296	4377296	4377328	-	6	33	GTG	TGA	0	0	
mORF_-_4377400	4377400	4377795	-	5	396	ATG	TAA	0	0	
mORF_-_4377426	4377426	4377440	-	4	15	TTG	TAA	0	0	
mORF_-_4377498	4377498	4377533	-	4	36	TTG	TAA	0	0	
mORF_-_4377585	4377585	4377641	-	4	57	ATG	TGA	0	0	
mORF_-_4377645	4377645	4377653	-	4	9	TTG	TGA	0	0	
mORF_-_4377666	4377666	4377674	-	4	9	TTG	TGA	0	0	
mORF_-_4377671	4377671	4377748	-	6	78	GTG	TGA	0	0	
mORF_-_4377759	4377759	4377773	-	4	15	ATG	TGA	0	0	
mORF_-_4377785	4377785	4377802	-	6	18	GTG	TAA	0	0	
mORF_-_4377792	4377792	4377935	-	4	144	ATG	TGA	0	0	
mORF_-_4377806	4377806	4378597	-	6	792	GTG	TAA	13	135	pORF_-_4377806
mORF_-_4377999	4377999	4378097	-	4	99	TTG	TAA	0	0	
mORF_-_4378048	4378048	4378086	-	5	39	GTG	TGA	0	0	
mORF_-_4378219	4378219	4378245	-	5	27	TTG	TGA	0	0	
mORF_-_4378258	4378258	4378269	-	5	12	TTG	TAG	0	0	
mORF_-_4378273	4378273	4378293	-	5	21	GTG	TGA	0	0	
mORF_-_4378305	4378305	4378310	-	4	6	ATG	TAA	0	0	
mORF_-_4378329	4378329	4378355	-	4	27	TTG	TAA	0	0	
mORF_-_4378336	4378336	4378353	-	5	18	GTG	TGA	0	0	
mORF_-_4378384	4378384	4378515	-	5	132	TTG	TGA	0	0	
mORF_-_4378533	4378533	4380341	-	4	1809	GTG	TGA	26	116	pORF_-_4378533
mORF_-_4378634	4378634	4378798	-	6	165	TTG	TGA	0	0	
mORF_-_4378711	4378711	4378725	-	5	15	TTG	TGA	0	0	
mORF_-_4378762	4378762	4378791	-	5	30	ATG	TAA	0	0	
mORF_-_4378802	4378802	4378822	-	6	21	TTG	TGA	0	0	
mORF_-_4378925	4378925	4379011	-	6	87	ATG	TGA	0	0	
mORF_-_4379030	4379030	4379593	-	6	564	GTG	TGA	0	0	
mORF_-_4379158	4379158	4379202	-	5	45	ATG	TAA	0	0	

mORF_-_4379440	4379440	4379448	-	5	9	ATG	TAA	0	0
mORF_-_4379590	4379590	4379601	-	5	12	TTG	TGA	0	0
mORF_-_4379612	4379612	4379668	-	6	57	GTG	TGA	0	0
mORF_-_4379687	4379687	4379788	-	6	102	GTG	TAA	0	0
mORF_-_4379825	4379825	4379884	-	6	60	TTG	TAG	0	0
mORF_-_4379981	4379981	4380016	-	6	36	ATG	TGA	0	0
mORF_-_4380010	4380010	4380045	-	5	36	GTG	TAG	0	0
mORF_-_4380059	4380059	4380124	-	6	66	GTG	TGA	0	0
mORF_-_4380106	4380106	4380111	-	5	6	GTG	TGA	0	0
mORF_-_4380128	4380128	4380202	-	6	75	TTG	TAG	0	0
mORF_-_4380236	4380236	4380301	-	6	66	GTG	TAA	0	0
mORF_-_4380308	4380308	4380346	-	6	39	ATG	TAG	0	0
mORF_-_4380362	4380362	4380376	-	6	15	GTG	TAA	0	0
mORF_-_4380402	4380402	4380503	-	4	102	TTG	TAA	0	0
mORF_-_4380418	4380418	4380426	-	5	9	GTG	TAG	0	0
mORF_-_4380434	4380434	4380445	-	6	12	TTG	TAA	0	0
mORF_-_4380509	4380509	4380520	-	6	12	GTG	TAG	0	0
mORF_-_4380542	4380542	4380550	-	6	9	ATG	TAG	0	0
mORF_-_4380550	4380550	4380648	-	5	99	TTG	TGA	0	0
mORF_-_4380566	4380566	4380703	-	6	138	ATG	TAA	0	0
mORF_-_4380664	4380664	4380699	-	5	36	ATG	TAG	0	0
mORF_-_4380714	4380714	4380860	-	4	147	ATG	TAA	0	0
mORF_-_4380730	4380730	4380840	-	5	111	GTG	TAA	0	0
mORF_-_4380882	4380882	4381028	-	4	147	GTG	TAA	0	0
mORF_-_4380986	4380986	4381003	-	6	18	GTG	TGA	0	0
mORF_-_4381068	4381068	4381169	-	4	102	TTG	TAA	0	0
mORF_-_4381130	4381130	4381282	-	6	153	TTG	TAA	0	0
mORF_-_4381239	4381239	4381307	-	4	69	GTG	TAG	0	0
mORF_-_4381252	4381252	4381329	-	5	78	GTG	TAA	0	0
mORF_-_4381326	4381326	4381496	-	4	171	GTG	TGA	0	0
mORF_-_4381339	4381339	4381605	-	5	267	GTG	TGA	0	0
mORF_-_4381382	4381382	4381693	-	6	312	ATG	TAA	0	0
mORF_-_4381624	4381624	4381641	-	5	18	ATG	TAA	0	0
mORF_-_4381654	4381654	4381731	-	5	78	GTG	TAA	0	0
mORF_-_4381662	4381662	4381703	-	4	42	ATG	TAA	0	0
mORF_-_4381710	4381710	4381733	-	4	24	TTG	TGA	0	0
mORF_-_4381735	4381735	4381827	-	5	93	GTG	TAA	0	0
mORF_-_4381755	4381755	4381769	-	4	15	TTG	TGA	0	0
mORF_-_4381797	4381797	4381838	-	4	42	GTG	TGA	0	0
mORF_-_4381817	4381817	4381870	-	6	54	GTG	TGA	0	0
mORF_-_4381831	4381831	4381863	-	5	33	ATG	TAA	0	0
mORF_-_4381867	4381867	4381938	-	5	72	TTG	TGA	0	0
mORF_-_4381914	4381914	4382000	-	4	87	ATG	TAA	0	0
mORF_-_4382010	4382010	4382105	-	4	96	GTG	TAA	0	0
mORF_-_4382050	4382050	4382058	-	5	9	TTG	TAA	0	0
mORF_-_4382074	4382074	4382118	-	5	45	ATG	TAG	0	0
mORF_-_4382143	4382143	4382151	-	5	9	ATG	TAA	0	0
mORF_-_4382148	4382148	4382198	-	4	51	ATG	TGA	0	0
mORF_-_4382192	4382192	4382227	-	6	36	GTG	TGA	0	0
mORF_-_4382203	4382203	4382397	-	5	195	ATG	TAG	0	0
mORF_-_4382250	4382250	4382282	-	4	33	ATG	TAG	0	0
mORF_-_4382411	4382411	4382425	-	6	15	ATG	TAA	0	0
mORF_-_4382439	4382439	4382486	-	4	48	TTG	TAA	0	0
mORF_-_4382470	4382470	4382511	-	5	42	ATG	TGA	0	0
mORF_-_4382518	4382518	4382586	-	5	69	TTG	TAG	0	0
mORF_-_4382610	4382610	4382636	-	4	27	TTG	TAA	0	0
mORF_-_4382623	4382623	4382703	-	5	81	TTG	TAA	0	0
mORF_-_4382652	4382652	4382660	-	4	9	TTG	TGA	0	0
mORF_-_4382675	4382675	4382758	-	6	84	ATG	TAA	0	0
mORF_-_4382706	4382706	4382777	-	4	72	ATG	TAA	0	0
mORF_-_4382847	4382847	4382864	-	4	18	GTG	TAA	0	0
mORF_-_4382857	4382857	4383036	-	5	180	TTG	TAG	0	0
mORF_-_4382861	4382861	4383226	-	6	366	TTG	TGA	0	0

mORF_-_4382877	4382877	4382900	-	4	24	ATG	TGA	0	0	
mORF_-_4382985	4382985	4383020	-	4	36	ATG	TGA	0	0	
mORF_-_4383105	4383105	4383113	-	4	9	GTG	TAA	0	0	
mORF_-_4383115	4383115	4383222	-	5	108	ATG	TGA	0	0	
mORF_-_4383144	4383144	4383200	-	4	57	ATG	TGA	0	0	
mORF_-_4383219	4383219	4383338	-	4	120	TTG	TGA	0	0	
mORF_-_4383223	4383223	4383258	-	5	36	GTG	TGA	0	0	
mORF_-_4383319	4383319	4383582	-	5	264	TTG	TAG	0	0	
mORF_-_4383374	4383374	4383535	-	6	162	GTG	TAG	0	0	
mORF_-_4383414	4383414	4383443	-	4	30	TTG	TAA	0	0	
mORF_-_4383720	4383720	4383977	-	4	258	GTG	TAA	0	0	
mORF_-_4383907	4383907	4384065	-	5	159	GTG	TAA	0	0	
mORF_-_4383986	4383986	4384063	-	6	78	GTG	TAG	0	0	
mORF_-_4384053	4384053	4384067	-	4	15	TTG	TGA	0	0	
mORF_-_4384070	4384070	4387393	-	6	3324	GTG	TAA	5	15	pORF_-_4384070
mORF_-_4384108	4384108	4384191	-	5	84	ATG	TGA	0	0	
mORF_-_4384207	4384207	4384224	-	5	18	ATG	TGA	0	0	
mORF_-_4384375	4384375	4384395	-	5	21	ATG	TGA	0	0	
mORF_-_4384551	4384551	4384706	-	4	156	GTG	TAG	0	0	
mORF_-_4384573	4384573	4384587	-	5	15	TTG	TGA	0	0	
mORF_-_4384615	4384615	4384716	-	5	102	TTG	TGA	0	0	
mORF_-_4384707	4384707	4385003	-	4	297	GTG	TGA	0	0	
mORF_-_4384717	4384717	4384743	-	5	27	TTG	TGA	0	0	
mORF_-_4384798	4384798	4384887	-	5	90	TTG	TAA	0	0	
mORF_-_4384888	4384888	4384899	-	5	12	GTG	TGA	0	0	
mORF_-_4384924	4384924	4385010	-	5	87	TTG	TAG	0	0	
mORF_-_4385035	4385035	4385160	-	5	126	GTG	TGA	0	0	
mORF_-_4385167	4385167	4385202	-	5	36	TTG	TAG	0	0	
mORF_-_4385224	4385224	4385292	-	5	69	TTG	TGA	0	0	
mORF_-_4385289	4385289	4385498	-	4	210	TTG	TGA	0	0	
mORF_-_4385299	4385299	4385367	-	5	69	TTG	TAG	0	0	
mORF_-_4385449	4385449	4385526	-	5	78	GTG	TGA	0	0	
mORF_-_4385538	4385538	4385789	-	4	252	GTG	TAA	0	0	
mORF_-_4385563	4385563	4385574	-	5	12	TTG	TGA	0	0	
mORF_-_4385590	4385590	4385670	-	5	81	TTG	TGA	0	0	
mORF_-_4385716	4385716	4385730	-	5	15	TTG	TAA	0	0	
mORF_-_4385863	4385863	4385895	-	5	33	TTG	TGA	0	0	
mORF_-_4385892	4385892	4385933	-	4	42	TTG	TGA	0	0	
mORF_-_4385944	4385944	4385955	-	5	12	TTG	TGA	0	0	
mORF_-_4385992	4385992	4385997	-	5	6	GTG	TGA	0	0	
mORF_-_4386139	4386139	4386147	-	5	9	ATG	TGA	0	0	
mORF_-_4386181	4386181	4386207	-	5	27	GTG	TGA	0	0	
mORF_-_4386223	4386223	4386234	-	5	12	GTG	TGA	0	0	
mORF_-_4386280	4386280	4386483	-	5	204	GTG	TGA	0	0	
mORF_-_4386384	4386384	4386470	-	4	87	ATG	TGA	0	0	
mORF_-_4386493	4386493	4386549	-	5	57	TTG	TGA	0	0	
mORF_-_4386577	4386577	4386690	-	5	114	TTG	TGA	0	0	
mORF_-_4386706	4386706	4386738	-	5	33	ATG	TAA	0	0	
mORF_-_4386784	4386784	4386936	-	5	153	ATG	TAG	0	0	
mORF_-_4386979	4386979	4386993	-	5	15	TTG	TGA	0	0	
mORF_-_4387075	4387075	4387122	-	5	48	GTG	TGA	0	0	
mORF_-_4387132	4387132	4387233	-	5	102	ATG	TAA	0	0	
mORF_-_4387320	4387320	4387361	-	4	42	GTG	TAG	0	0	
mORF_-_4387384	4387384	4387581	-	5	198	TTG	TGA	1	33	pORF_-_4387384
mORF_-_4387415	4387415	4388383	-	6	969	TTG	TAA	22	66	pORF_-_4387415
mORF_-_4387588	4387588	4387605	-	5	18	TTG	TGA	0	0	
mORF_-_4387657	4387657	4387806	-	5	150	TTG	TGA	0	0	
mORF_-_4387755	4387755	4387826	-	4	72	TTG	TGA	0	0	
mORF_-_4387828	4387828	4387848	-	5	21	TTG	TGA	0	0	
mORF_-_4387912	4387912	4387962	-	5	51	GTG	TGA	0	0	
mORF_-_4387917	4387917	4387937	-	4	21	GTG	TGA	0	0	
mORF_-_4387981	4387981	4387986	-	5	6	TTG	TGA	0	0	
mORF_-_4388014	4388014	4388184	-	5	171	TTG	TGA	0	0	

mORF_-_4388256	4388256	4388336	-	4	81	ATG	TAA	0	0	
mORF_-_4388377	4388377	4388400	-	5	24	ATG	TAA	0	0	
mORF_-_4388424	4388424	4388429	-	4	6	ATG	TAG	0	0	
mORF_-_4388473	4388473	4388487	-	5	15	ATG	TAA	0	0	
mORF_-_4388480	4388480	4389565	-	6	1086	TTG	TGA	21	62	pORF_-_4388480
mORF_-_4388515	4388515	4388586	-	5	72	TTG	TAA	0	0	
mORF_-_4388583	4388583	4388630	-	4	48	TTG	TGA	0	0	
mORF_-_4388640	4388640	4388645	-	4	6	GTG	TAA	0	0	
mORF_-_4388650	4388650	4388739	-	5	90	TTG	TAG	0	0	
mORF_-_4388740	4388740	4388748	-	5	9	GTG	TGA	0	0	
mORF_-_4388827	4388827	4388859	-	5	33	ATG	TGA	0	0	
mORF_-_4388860	4388860	4388898	-	5	39	TTG	TGA	0	0	
mORF_-_4388938	4388938	4388946	-	5	9	ATG	TAA	0	0	
mORF_-_4389046	4389046	4389177	-	5	132	TTG	TAG	0	0	
mORF_-_4389211	4389211	4389258	-	5	48	ATG	TGA	0	0	
mORF_-_4389310	4389310	4389426	-	5	117	TTG	TAA	0	0	
mORF_-_4389525	4389525	4389824	-	4	300	ATG	TAA	0	0	
mORF_-_4389529	4389529	4389570	-	5	42	ATG	TGA	0	0	
mORF_-_4389571	4389571	4389585	-	5	15	TTG	TAG	0	0	
mORF_-_4389602	4389602	4389952	-	6	351	ATG	TGA	0	0	
mORF_-_4389700	4389700	4389891	-	5	192	TTG	TAA	0	0	
mORF_-_4389903	4389903	4390157	-	4	255	ATG	TAA	0	0	
mORF_-_4389956	4389956	4389985	-	6	30	ATG	TGA	0	0	
mORF_-_4390016	4390016	4390087	-	6	72	TTG	TAA	0	0	
mORF_-_4390145	4390145	4390165	-	6	21	TTG	TAG	0	0	
mORF_-_4390162	4390162	4390206	-	5	45	GTG	TGA	0	0	
mORF_-_4390185	4390185	4390490	-	4	306	GTG	TGA	0	0	
mORF_-_4390229	4390229	4390261	-	6	33	GTG	TAG	0	0	
mORF_-_4390255	4390255	4390278	-	5	24	TTG	TGA	0	0	
mORF_-_4390358	4390358	4390369	-	6	12	TTG	TAA	0	0	
mORF_-_4390372	4390372	4390707	-	5	336	GTG	TAA	0	0	
mORF_-_4390394	4390394	4390801	-	6	408	TTG	TGA	0	0	
mORF_-_4390506	4390506	4390601	-	4	96	GTG	TGA	0	0	
mORF_-_4390617	4390617	4390682	-	4	66	TTG	TGA	0	0	
mORF_-_4390779	4390779	4390814	-	4	36	GTG	TGA	0	0	
mORF_-_4390851	4390851	4390886	-	4	36	GTG	TAA	0	0	
mORF_-_4390883	4390883	4390936	-	6	54	GTG	TGA	0	0	
mORF_-_4390929	4390929	4390979	-	4	51	TTG	TAA	0	0	
mORF_-_4390933	4390933	4390938	-	5	6	TTG	TGA	0	0	
mORF_-_4390951	4390951	4392198	-	5	1248	GTG	TGA	0	0	
mORF_-_4390976	4390976	4391065	-	6	90	GTG	TGA	0	0	
mORF_-_4391022	4391022	4391033	-	4	12	ATG	TAG	0	0	
mORF_-_4391043	4391043	4391057	-	4	15	TTG	TAG	0	0	
mORF_-_4391067	4391067	4391096	-	4	30	GTG	TAG	0	0	
mORF_-_4391118	4391118	4391144	-	4	27	ATG	TGA	0	0	
mORF_-_4391129	4391129	4391137	-	6	9	TTG	TGA	0	0	
mORF_-_4391154	4391154	4391189	-	4	36	TTG	TAG	0	0	
mORF_-_4391165	4391165	4391176	-	6	12	TTG	TAA	0	0	
mORF_-_4391220	4391220	4391351	-	4	132	ATG	TAA	0	0	
mORF_-_4391279	4391279	4391329	-	6	51	GTG	TAA	0	0	
mORF_-_4391348	4391348	4391356	-	6	9	TTG	TGA	0	0	
mORF_-_4391376	4391376	4391474	-	4	99	GTG	TAA	0	0	
mORF_-_4391408	4391408	4391515	-	6	108	ATG	TGA	0	0	
mORF_-_4391646	4391646	4391681	-	4	36	TTG	TAG	0	0	
mORF_-_4391687	4391687	4391707	-	6	21	TTG	TAG	0	0	
mORF_-_4391694	4391694	4391705	-	4	12	GTG	TGA	0	0	
mORF_-_4391718	4391718	4391792	-	4	75	ATG	TGA	0	0	
mORF_-_4391811	4391811	4391825	-	4	15	TTG	TGA	0	0	
mORF_-_4391865	4391865	4391894	-	4	30	ATG	TGA	0	0	
mORF_-_4391891	4391891	4392043	-	6	153	GTG	TGA	0	0	
mORF_-_4392047	4392047	4392295	-	6	249	ATG	TAA	0	0	
mORF_-_4392060	4392060	4392131	-	4	72	GTG	TAG	0	0	
mORF_-_4392195	4392195	4392236	-	4	42	ATG	TGA	0	0	

mORF_-_4392316	4392316	4392645	-	5	330	TTG	TAG	0	0	
mORF_-_4392357	4392357	4392422	-	4	66	ATG	TGA	0	0	
mORF_-_4392425	4392425	4392520	-	6	96	TTG	TAA	0	0	
mORF_-_4392545	4392545	4392727	-	6	183	ATG	TAA	0	0	
mORF_-_4392652	4392652	4392693	-	5	42	GTG	TGA	0	0	
mORF_-_4392711	4392711	4392737	-	4	27	GTG	TAA	0	0	
mORF_-_4392788	4392788	4392808	-	6	21	GTG	TGA	0	0	
mORF_-_4392812	4392812	4392880	-	6	69	GTG	TAG	0	0	
mORF_-_4392877	4392877	4393176	-	5	300	TTG	TGA	1	3	pORF_-_4392877
mORF_-_4392894	4392894	4392989	-	4	96	GTG	TAG	0	0	
mORF_-_4392938	4392938	4393213	-	6	276	ATG	TAA	0	0	
mORF_-_4393029	4393029	4393172	-	4	144	TTG	TAA	0	0	
mORF_-_4393189	4393189	4393284	-	5	96	TTG	TGA	0	0	
mORF_-_4393203	4393203	4393229	-	4	27	GTG	TGA	0	0	
mORF_-_4393271	4393271	4393351	-	6	81	ATG	TAA	0	0	
mORF_-_4393300	4393300	4393692	-	5	393	TTG	TAA	0	0	
mORF_-_4393361	4393361	4393495	-	6	135	GTG	TAA	0	0	
mORF_-_4393428	4393428	4393550	-	4	123	TTG	TAA	0	0	
mORF_-_4393568	4393568	4393609	-	6	42	ATG	TAG	0	0	
mORF_-_4393700	4393700	4393735	-	6	36	GTG	TAG	0	0	
mORF_-_4393752	4393752	4393769	-	4	18	ATG	TAA	0	0	
mORF_-_4393769	4393769	4393792	-	6	24	GTG	TGA	0	0	
mORF_-_4393811	4393811	4393825	-	6	15	TTG	TAG	0	0	
mORF_-_4393827	4393827	4394000	-	4	174	TTG	TAA	0	0	
mORF_-_4393882	4393882	4393998	-	5	117	GTG	TAA	0	0	
mORF_-_4393898	4393898	4393984	-	6	87	ATG	TAA	0	0	
mORF_-_4394058	4394058	4394369	-	4	312	TTG	TAA	0	0	
mORF_-_4394066	4394066	4394140	-	6	75	GTG	TAA	0	0	
mORF_-_4394246	4394246	4394278	-	6	33	TTG	TGA	0	0	
mORF_-_4394294	4394294	4394440	-	6	147	TTG	TGA	0	0	
mORF_-_4394356	4394356	4394367	-	5	12	GTG	TAG	0	0	
mORF_-_4394373	4394373	4394687	-	4	315	GTG	TAG	2	10	pORF_-_4394373
mORF_-_4394441	4394441	4394668	-	6	228	ATG	TAA	0	0	
mORF_-_4394461	4394461	4394538	-	5	78	GTG	TAA	0	0	
mORF_-_4394693	4394693	4394779	-	6	87	TTG	TGA	0	0	
mORF_-_4394805	4394805	4394993	-	4	189	GTG	TAA	1	4	pORF_-_4394805
mORF_-_4394822	4394822	4394875	-	6	54	TTG	TAA	0	0	
mORF_-_4394827	4394827	4394907	-	5	81	GTG	TAA	0	0	
mORF_-_4394891	4394891	4394962	-	6	72	TTG	TGA	0	0	
mORF_-_4395081	4395081	4395182	-	4	102	GTG	TAA	0	0	
mORF_-_4395133	4395133	4395219	-	5	87	ATG	TGA	0	0	
mORF_-_4395137	4395137	4395253	-	6	117	TTG	TGA	0	0	
mORF_-_4395219	4395219	4395380	-	4	162	TTG	TGA	0	0	
mORF_-_4395244	4395244	4395459	-	5	216	GTG	TGA	0	0	
mORF_-_4395284	4395284	4395310	-	6	27	ATG	TAA	0	0	
mORF_-_4395311	4395311	4395328	-	6	18	TTG	TAA	0	0	
mORF_-_4395329	4395329	4395412	-	6	84	GTG	TAA	0	0	
mORF_-_4395443	4395443	4395625	-	6	183	TTG	TGA	0	0	
mORF_-_4395450	4395450	4395461	-	4	12	TTG	TAA	0	0	
mORF_-_4395522	4395522	4395659	-	4	138	ATG	TAG	0	0	
mORF_-_4395656	4395656	4395775	-	6	120	GTG	TGA	0	0	
mORF_-_4395763	4395763	4395771	-	5	9	GTG	TGA	0	0	
mORF_-_4395768	4395768	4396055	-	4	288	TTG	TGA	0	0	
mORF_-_4395887	4395887	4395997	-	6	111	TTG	TAG	0	0	
mORF_-_4396025	4396025	4396138	-	6	114	GTG	TGA	0	0	
mORF_-_4396068	4396068	4396127	-	4	60	GTG	TAA	0	0	
mORF_-_4396135	4396135	4396182	-	5	48	GTG	TGA	0	0	
mORF_-_4396140	4396140	4396391	-	4	252	ATG	TAG	0	0	
mORF_-_4396166	4396166	4396174	-	6	9	GTG	TGA	0	0	
mORF_-_4396202	4396202	4396240	-	6	39	TTG	TAG	0	0	
mORF_-_4396237	4396237	4396323	-	5	87	GTG	TGA	0	0	
mORF_-_4396241	4396241	4396270	-	6	30	TTG	TGA	0	0	
mORF_-_4396325	4396325	4396354	-	6	30	TTG	TGA	0	0	

mORF_-_4396396	4396396	4396716	-	5	321	GTG	TAA	0	0	
mORF_-_4396403	4396403	4396516	-	6	114	TTG	TGA	0	0	
mORF_-_4396422	4396422	4396433	-	4	12	TTG	TAG	0	0	
mORF_-_4396446	4396446	4396520	-	4	75	GTG	TAG	0	0	
mORF_-_4396559	4396559	4396564	-	6	6	GTG	TAG	0	0	
mORF_-_4396578	4396578	4396682	-	4	105	TTG	TGA	0	0	
mORF_-_4396686	4396686	4396763	-	4	78	ATG	TAA	0	0	
mORF_-_4396730	4396730	4396798	-	6	69	ATG	TGA	0	0	
mORF_-_4396753	4396753	4396989	-	5	237	GTG	TAG	0	0	
mORF_-_4396806	4396806	4396847	-	4	42	TTG	TAA	0	0	
mORF_-_4396838	4396838	4397002	-	6	165	ATG	TGA	0	0	
mORF_-_4396980	4396980	4396994	-	4	15	ATG	TGA	0	0	
mORF_-_4397002	4397002	4397160	-	5	159	GTG	TGA	0	0	
mORF_-_4397022	4397022	4397033	-	4	12	TTG	TAA	0	0	
mORF_-_4397037	4397037	4397141	-	4	105	ATG	TAA	0	0	
mORF_-_4397066	4397066	4397167	-	6	102	ATG	TAG	0	0	
mORF_-_4397193	4397193	4397204	-	4	12	TTG	TAA	0	0	
mORF_-_4397232	4397232	4397237	-	4	6	TTG	TAA	0	0	
mORF_-_4397247	4397247	4397357	-	4	111	ATG	TAA	0	0	
mORF_-_4397412	4397412	4397417	-	4	6	TTG	TAA	0	0	
mORF_-_4397458	4397458	4397475	-	5	18	GTG	TAA	0	0	
mORF_-_4397508	4397508	4397612	-	4	105	TTG	TAA	0	0	
mORF_-_4397558	4397558	4397581	-	6	24	GTG	TGA	0	0	
mORF_-_4397609	4397609	4397788	-	6	180	GTG	TGA	0	0	
mORF_-_4397638	4397638	4397694	-	5	57	TTG	TAG	0	0	
mORF_-_4397704	4397704	4397772	-	5	69	TTG	TGA	0	0	
mORF_-_4397754	4397754	4397804	-	4	51	ATG	TGA	0	0	
mORF_-_4397801	4397801	4398064	-	6	264	ATG	TGA	1	2	pORF_-_4397801
mORF_-_4397818	4397818	4397835	-	5	18	TTG	TAA	0	0	
mORF_-_4397851	4397851	4397931	-	5	81	ATG	TAG	0	0	
mORF_-_4397868	4397868	4397879	-	4	12	ATG	TGA	0	0	
mORF_-_4397907	4397907	4397915	-	4	9	ATG	TGA	0	0	
mORF_-_4397931	4397931	4398011	-	4	81	ATG	TGA	0	0	
mORF_-_4397944	4397944	4397994	-	5	51	ATG	TGA	0	0	
mORF_-_4398061	4398061	4398153	-	5	93	GTG	TGA	0	0	
mORF_-_4398078	4398078	4398098	-	4	21	GTG	TAA	0	0	
mORF_-_4398196	4398196	4398294	-	5	99	ATG	TAA	0	0	
mORF_-_4398212	4398212	4398325	-	6	114	TTG	TAG	0	0	
mORF_-_4398315	4398315	4398353	-	4	39	GTG	TAG	0	0	
mORF_-_4398329	4398329	4398958	-	6	630	TTG	TAA	0	0	
mORF_-_4398430	4398430	4398456	-	5	27	GTG	TGA	0	0	
mORF_-_4398472	4398472	4398477	-	5	6	TTG	TAA	0	0	
mORF_-_4398520	4398520	4398531	-	5	12	TTG	TGA	0	0	
mORF_-_4398637	4398637	4398642	-	5	6	GTG	TAA	0	0	
mORF_-_4398706	4398706	4398741	-	5	36	ATG	TAA	0	0	
mORF_-_4398742	4398742	4399347	-	5	606	GTG	TAG	0	0	
mORF_-_4398747	4398747	4398818	-	4	72	ATG	TAA	0	0	
mORF_-_4398828	4398828	4398857	-	4	30	TTG	TAA	0	0	
mORF_-_4399016	4399016	4399477	-	6	462	GTG	TAA	0	0	
mORF_-_4399360	4399360	4399578	-	5	219	ATG	TAG	0	0	
mORF_-_4399458	4399458	4399493	-	4	36	ATG	TAA	0	0	
mORF_-_4399494	4399494	4399529	-	4	36	ATG	TAA	0	0	
mORF_-_4399505	4399505	4399522	-	6	18	TTG	TAA	0	0	
mORF_-_4399529	4399529	4399945	-	6	417	TTG	TAA	0	0	
mORF_-_4399542	4399542	4400168	-	4	627	TTG	TGA	0	0	
mORF_-_4399615	4399615	4399701	-	5	87	TTG	TGA	0	0	
mORF_-_4399972	4399972	4400025	-	5	54	TTG	TAG	0	0	
mORF_-_4400000	4400000	4400062	-	6	63	ATG	TGA	0	0	
mORF_-_4400032	4400032	4400265	-	5	234	ATG	TGA	0	0	
mORF_-_4400072	4400072	4400152	-	6	81	TTG	TGA	0	0	
mORF_-_4400165	4400165	4400329	-	6	165	ATG	TGA	0	0	
mORF_-_4400262	4400262	4400912	-	4	651	TTG	TGA	0	0	
mORF_-_4400351	4400351	4400566	-	6	216	TTG	TAG	0	0	

mORF_-_4400359	4400359	4400388	-	5	30	GTG	TAA	0	0
mORF_-_4400615	4400615	4400671	-	6	57	ATG	TGA	0	0
mORF_-_4400708	4400708	4400878	-	6	171	TTG	TGA	0	0
mORF_-_4400903	4400903	4400953	-	6	51	ATG	TGA	0	0
mORF_-_4400963	4400963	4401247	-	6	285	GTG	TGA	0	0
mORF_-_4401088	4401088	4401231	-	5	144	TTG	TAA	0	0
mORF_-_4401123	4401123	4401272	-	4	150	TTG	TAA	0	0
mORF_-_4401251	4401251	4401283	-	6	33	TTG	TGA	0	0
mORF_-_4401262	4401262	4401354	-	5	93	ATG	TAA	0	0
mORF_-_4401332	4401332	4402036	-	6	705	GTG	TGA	0	0
mORF_-_4401370	4401370	4401453	-	5	84	TTG	TAA	0	0
mORF_-_4401463	4401463	4401498	-	5	36	ATG	TAA	0	0
mORF_-_4401495	4401495	4401524	-	4	30	GTG	TGA	0	0
mORF_-_4401529	4401529	4401567	-	5	39	TTG	TGA	0	0
mORF_-_4401595	4401595	4401612	-	5	18	ATG	TAA	0	0
mORF_-_4401621	4401621	4401641	-	4	21	TTG	TGA	0	0
mORF_-_4401631	4401631	4401963	-	5	333	TTG	TAG	0	0
mORF_-_4401960	4401960	4402043	-	4	84	GTG	TGA	0	0
mORF_-_4401991	4401991	4401996	-	5	6	TTG	TAG	0	0
mORF_-_4402040	4402040	4402360	-	6	321	GTG	TGA	0	0
mORF_-_4402120	4402120	4402164	-	5	45	TTG	TGA	0	0
mORF_-_4402131	4402131	4402181	-	4	51	ATG	TGA	0	0
mORF_-_4402182	4402182	4402208	-	4	27	ATG	TGA	0	0
mORF_-_4402201	4402201	4402212	-	5	12	ATG	TAG	0	0
mORF_-_4402228	4402228	4402251	-	5	24	TTG	TAA	0	0
mORF_-_4402252	4402252	4402269	-	5	18	ATG	TGA	0	0
mORF_-_4402266	4402266	4402319	-	4	54	TTG	TGA	0	0
mORF_-_4402294	4402294	4402299	-	5	6	ATG	TAG	0	0
mORF_-_4402348	4402348	4402365	-	5	18	ATG	TGA	0	0
mORF_-_4402368	4402368	4402610	-	4	243	TTG	TGA	0	0
mORF_-_4402474	4402474	4402515	-	5	42	TTG	TAA	0	0
mORF_-_4402532	4402532	4402738	-	6	207	GTG	TAA	0	0
mORF_-_4402579	4402579	4402683	-	5	105	ATG	TAG	0	0
mORF_-_4402686	4402686	4402871	-	4	186	ATG	TAA	0	0
mORF_-_4402820	4402820	4402984	-	6	165	ATG	TGA	0	0
mORF_-_4402873	4402873	4402881	-	5	9	ATG	TAA	0	0
mORF_-_4402881	4402881	4404095	-	4	1215	GTG	TGA	0	0
mORF_-_4402912	4402912	4403139	-	5	228	GTG	TGA	0	0
mORF_-_4403039	4403039	4403098	-	6	60	GTG	TGA	0	0
mORF_-_4403120	4403120	4403173	-	6	54	TTG	TAA	0	0
mORF_-_4403213	4403213	4403218	-	6	6	TTG	TGA	0	0
mORF_-_4403237	4403237	4403242	-	6	6	TTG	TAG	0	0
mORF_-_4403258	4403258	4403299	-	6	42	ATG	TAA	0	0
mORF_-_4403348	4403348	4403368	-	6	21	ATG	TGA	0	0
mORF_-_4403414	4403414	4403443	-	6	30	GTG	TAA	0	0
mORF_-_4403492	4403492	4403512	-	6	21	TTG	TAA	0	0
mORF_-_4403509	4403509	4403610	-	5	102	TTG	TGA	0	0
mORF_-_4403516	4403516	4403647	-	6	132	GTG	TAA	0	0
mORF_-_4403750	4403750	4403785	-	6	36	GTG	TAA	0	0
mORF_-_4403825	4403825	4403857	-	6	33	GTG	TAA	0	0
mORF_-_4403903	4403903	4403980	-	6	78	ATG	TAG	0	0
mORF_-_4403953	4403953	4404060	-	5	108	ATG	TAG	0	0
mORF_-_4404080	4404080	4404232	-	6	153	GTG	TAA	0	0
mORF_-_4404229	4404229	4404270	-	5	42	ATG	TGA	0	0
mORF_-_4404257	4404257	4404262	-	6	6	ATG	TAG	0	0
mORF_-_4404267	4404267	4404356	-	4	90	TTG	TGA	0	0
mORF_-_4404332	4404332	4404352	-	6	21	TTG	TGA	0	0
mORF_-_4404371	4404371	4404505	-	6	135	ATG	TAG	0	0
mORF_-_4404468	4404468	4404608	-	4	141	TTG	TAA	0	0
mORF_-_4404505	4404505	4404534	-	5	30	GTG	TAA	0	0
mORF_-_4404559	4404559	4404813	-	5	255	ATG	TAA	0	0
mORF_-_4404575	4404575	4404580	-	6	6	GTG	TAG	0	0
mORF_-_4404651	4404651	4404683	-	4	33	GTG	TGA	0	0

mORF_-_4404680	4404680	4404757	-	6	78	ATG	TGA	0	0	
mORF_-_4404758	4404758	4405036	-	6	279	ATG	TAA	0	0	
mORF_-_4404874	4404874	4404888	-	5	15	GTG	TGA	0	0	
mORF_-_4404942	4404942	4405118	-	4	177	TTG	TAA	0	0	
mORF_-_4404961	4404961	4405032	-	5	72	ATG	TAG	0	0	
mORF_-_4405205	4405205	4405405	-	6	201	TTG	TAA	0	0	
mORF_-_4405219	4405219	4405227	-	5	9	ATG	TGA	0	0	
mORF_-_4405224	4405224	4405445	-	4	222	TTG	TGA	0	0	
mORF_-_4405267	4405267	4405488	-	5	222	ATG	TGA	0	0	
mORF_-_4405581	4405581	4405604	-	4	24	TTG	TGA	0	0	
mORF_-_4405588	4405588	4405710	-	5	123	TTG	TAG	0	0	
mORF_-_4405601	4405601	4405909	-	6	309	ATG	TGA	0	0	
mORF_-_4405777	4405777	4405782	-	5	6	TTG	TAG	0	0	
mORF_-_4405822	4405822	4405830	-	5	9	TTG	TAG	0	0	
mORF_-_4405887	4405887	4405961	-	4	75	ATG	TAA	0	0	
mORF_-_4405915	4405915	4406064	-	5	150	ATG	TAG	0	0	
mORF_-_4405958	4405958	4406044	-	6	87	GTG	TGA	0	0	
mORF_-_4405989	4405989	4406120	-	4	132	GTG	TGA	0	0	
mORF_-_4406048	4406048	4406134	-	6	87	GTG	TAA	0	0	
mORF_-_4406131	4406131	4406214	-	5	84	TTG	TGA	0	0	
mORF_-_4406157	4406157	4406354	-	4	198	ATG	TAA	0	0	
mORF_-_4406171	4406171	4406743	-	6	573	TTG	TGA	0	0	
mORF_-_4406230	4406230	4406289	-	5	60	ATG	TAG	0	0	
mORF_-_4406392	4406392	4406421	-	5	30	ATG	TAA	0	0	
mORF_-_4406421	4406421	4406555	-	4	135	TTG	TAA	0	0	
mORF_-_4406452	4406452	4406466	-	5	15	GTG	TGA	0	0	
mORF_-_4406515	4406515	4406712	-	5	198	TTG	TGA	0	0	
mORF_-_4406773	4406773	4406934	-	5	162	TTG	TAA	0	0	
mORF_-_4406841	4406841	4407275	-	4	435	TTG	TAA	0	0	
mORF_-_4406941	4406941	4407081	-	5	141	TTG	TGA	0	0	
mORF_-_4407131	4407131	4407175	-	6	45	ATG	TAA	0	0	
mORF_-_4407145	4407145	4407159	-	5	15	TTG	TAA	0	0	
mORF_-_4407206	4407206	4407217	-	6	12	GTG	TAG	0	0	
mORF_-_4407224	4407224	4407295	-	6	72	ATG	TGA	0	0	
mORF_-_4407295	4407295	4407324	-	5	30	GTG	TAA	0	0	
mORF_-_4407312	4407312	4407320	-	4	9	ATG	TAA	0	0	
mORF_-_4407406	4407406	4407924	-	5	519	ATG	TAA	0	0	
mORF_-_4407443	4407443	4407457	-	6	15	TTG	TAA	0	0	
mORF_-_4407498	4407498	4407506	-	4	9	ATG	TGA	0	0	
mORF_-_4407506	4407506	4407694	-	6	189	GTG	TAA	0	0	
mORF_-_4407576	4407576	4407620	-	4	45	TTG	TGA	0	0	
mORF_-_4407660	4407660	4407779	-	4	120	ATG	TGA	0	0	
mORF_-_4407761	4407761	4407841	-	6	81	GTG	TAG	0	0	
mORF_-_4407846	4407846	4407944	-	4	99	ATG	TGA	0	0	
mORF_-_4408000	4408000	4408053	-	5	54	ATG	TAA	0	0	
mORF_-_4408026	4408026	4408109	-	4	84	TTG	TAG	0	0	
mORF_-_4408097	4408097	4408240	-	6	144	ATG	TAA	0	0	
mORF_-_4408177	4408177	4408209	-	5	33	TTG	TAG	0	0	
mORF_-_4408240	4408240	4408302	-	5	63	TTG	TAA	0	0	
mORF_-_4408260	4408260	4408346	-	4	87	TTG	TAA	0	0	
mORF_-_4408358	4408358	4408402	-	6	45	ATG	TAA	0	0	
mORF_-_4408399	4408399	4408425	-	5	27	TTG	TGA	0	0	
mORF_-_4408437	4408437	4408442	-	4	6	ATG	TAA	0	0	
mORF_-_4408463	4408463	4408519	-	6	57	ATG	TAA	0	0	
mORF_-_4408535	4408535	4408552	-	6	18	GTG	TAA	0	0	
mORF_-_4408549	4408549	4408554	-	5	6	GTG	TGA	0	0	
mORF_-_4408554	4408554	4408664	-	4	111	ATG	TAG	0	0	
mORF_-_4408558	4408558	4408563	-	5	6	TTG	TAA	0	0	
mORF_-_4408594	4408594	4408677	-	5	84	ATG	TAA	0	0	
mORF_-_4408747	4408747	4408755	-	5	9	GTG	TAA	0	0	
mORF_-_4408752	4408752	4408886	-	4	135	ATG	TGA	1	2	pORF_-_4408752
mORF_-_4408816	4408816	4409031	-	5	216	TTG	TAA	0	0	
mORF_-_4408974	4408974	4409018	-	4	45	ATG	TGA	0	0	

mORF_-_4409000	4409000	4409044	-	6	45	TTG	TAA	0	0
mORF_-_4409048	4409048	4409248	-	6	201	TTG	TAG	0	0
mORF_-_4409092	4409092	4409106	-	5	15	TTG	TAA	0	0
mORF_-_4409124	4409124	4409219	-	4	96	TTG	TGA	0	0
mORF_-_4409242	4409242	4409262	-	5	21	TTG	TAA	0	0
mORF_-_4409292	4409292	4409306	-	4	15	TTG	TAG	0	0
mORF_-_4409307	4409307	4409399	-	4	93	ATG	TAG	0	0
mORF_-_4409312	4409312	4409356	-	6	45	TTG	TAA	0	0
mORF_-_4409396	4409396	4409506	-	6	111	ATG	TGA	0	0
mORF_-_4409427	4409427	4409504	-	4	78	GTG	TAA	0	0
mORF_-_4409540	4409540	4409614	-	6	75	TTG	TAG	0	0
mORF_-_4409547	4409547	4409660	-	4	114	GTG	TGA	0	0
mORF_-_4409657	4409657	4409683	-	6	27	TTG	TGA	0	0
mORF_-_4409674	4409674	4409697	-	5	24	TTG	TGA	0	0
mORF_-_4409703	4409703	4409849	-	4	147	TTG	TAA	0	0
mORF_-_4409771	4409771	4409776	-	6	6	ATG	TAG	0	0
mORF_-_4409795	4409795	4409833	-	6	39	ATG	TGA	0	0
mORF_-_4409899	4409899	4409967	-	5	69	GTG	TAA	0	0
mORF_-_4409964	4409964	4409972	-	4	9	ATG	TGA	0	0
mORF_-_4409981	4409981	4410007	-	6	27	ATG	TAA	0	0
mORF_-_4409985	4409985	4409990	-	4	6	TTG	TAA	0	0
mORF_-_4409997	4409997	4410020	-	4	24	GTG	TAA	0	0
mORF_-_4410017	4410017	4410103	-	6	87	GTG	TGA	0	0
mORF_-_4410082	4410082	4410129	-	5	48	TTG	TAG	0	0
mORF_-_4410093	4410093	4410098	-	4	6	GTG	TAA	0	0
mORF_-_4410120	4410120	4410146	-	4	27	GTG	TGA	0	0
mORF_-_4410153	4410153	4410164	-	4	12	ATG	TGA	0	0
mORF_-_4410172	4410172	4410204	-	5	33	TTG	TAA	0	0
mORF_-_4410177	4410177	4410200	-	4	24	TTG	TAA	0	0
mORF_-_4410201	4410201	4410248	-	4	48	GTG	TGA	0	0
mORF_-_4410279	4410279	4410299	-	4	21	ATG	TGA	0	0
mORF_-_4410299	4410299	4410322	-	6	24	GTG	TAA	0	0
mORF_-_4410319	4410319	4410426	-	5	108	TTG	TGA	0	0
mORF_-_4410375	4410375	4410395	-	4	21	ATG	TAA	0	0
mORF_-_4410408	4410408	4410431	-	4	24	TTG	TGA	0	0
mORF_-_4410428	4410428	4410520	-	6	93	TTG	TGA	0	0
mORF_-_4410451	4410451	4410507	-	5	57	TTG	TGA	0	0
mORF_-_4410462	4410462	4410701	-	4	240	ATG	TAA	0	0
mORF_-_4410619	4410619	4410693	-	5	75	TTG	TAA	0	0
mORF_-_4410766	4410766	4410774	-	5	9	TTG	TAG	0	0
mORF_-_4410815	4410815	4411036	-	6	222	ATG	TAA	0	0
mORF_-_4410856	4410856	4410906	-	5	51	GTG	TAA	0	0
mORF_-_4410916	4410916	4410942	-	5	27	TTG	TAA	0	0
mORF_-_4410952	4410952	4410978	-	5	27	TTG	TAA	0	0
mORF_-_4410987	4410987	4411106	-	4	120	TTG	TAG	0	0
mORF_-_4411045	4411045	4411278	-	5	234	TTG	TAG	0	0
mORF_-_4411119	4411119	4411133	-	4	15	TTG	TGA	0	0
mORF_-_4411169	4411169	4411423	-	6	255	ATG	TAA	0	0
mORF_-_4411221	4411221	4411403	-	4	183	TTG	TGA	0	0
mORF_-_4411437	4411437	4411481	-	4	45	ATG	TAA	0	0
mORF_-_4411500	4411500	4411508	-	4	9	TTG	TGA	0	0
mORF_-_4411511	4411511	4411534	-	6	24	GTG	TAG	0	0
mORF_-_4411531	4411531	4411806	-	5	276	TTG	TGA	0	0
mORF_-_4411581	4411581	4411589	-	4	9	GTG	TGA	0	0
mORF_-_4411662	4411662	4411793	-	4	132	TTG	TAG	0	0
mORF_-_4411721	4411721	4411735	-	6	15	ATG	TGA	0	0
mORF_-_4411849	4411849	4412070	-	5	222	TTG	TAG	0	0
mORF_-_4411886	4411886	4411960	-	6	75	TTG	TAG	0	0
mORF_-_4411962	4411962	4412003	-	4	42	TTG	TAG	0	0
mORF_-_4411985	4411985	4412101	-	6	117	GTG	TGA	0	0
mORF_-_4412094	4412094	4412180	-	4	87	GTG	TAG	0	0
mORF_-_4412102	4412102	4412164	-	6	63	GTG	TGA	0	0
mORF_-_4412168	4412168	4412185	-	6	18	GTG	TGA	0	0

mORF_-_4412182	4412182	4412199	-	5	18	ATG	TGA	0	0	
mORF_-_4412199	4412199	4412330	-	4	132	TTG	TAA	0	0	
mORF_-_4412222	4412222	4412242	-	6	21	ATG	TAA	0	0	
mORF_-_4412239	4412239	4412280	-	5	42	ATG	TGA	0	0	
mORF_-_4412264	4412264	4412296	-	6	33	GTG	TAG	0	0	
mORF_-_4412312	4412312	4412317	-	6	6	GTG	TGA	0	0	
mORF_-_4412327	4412327	4412353	-	6	27	TTG	TGA	0	0	
mORF_-_4412332	4412332	4412637	-	5	306	ATG	TAG	0	0	
mORF_-_4412502	4412502	4412564	-	4	63	GTG	TAA	0	0	
mORF_-_4412549	4412549	4412722	-	6	174	GTG	TGA	0	0	
mORF_-_4412580	4412580	4412600	-	4	21	GTG	TAG	0	0	
mORF_-_4412659	4412659	4412727	-	5	69	ATG	TAA	0	0	
mORF_-_4412664	4412664	4412669	-	4	6	ATG	TAA	0	0	
mORF_-_4412756	4412756	4412770	-	6	15	GTG	TGA	0	0	
mORF_-_4412775	4412775	4412801	-	4	27	GTG	TAG	0	0	
mORF_-_4412798	4412798	4412890	-	6	93	GTG	TGA	0	0	
mORF_-_4412802	4412802	4413314	-	4	513	ATG	TAA	0	0	
mORF_-_4412918	4412918	4413046	-	6	129	TTG	TAA	0	0	
mORF_-_4413091	4413091	4413288	-	5	198	ATG	TAG	0	0	
mORF_-_4413116	4413116	4413223	-	6	108	ATG	TGA	0	0	
mORF_-_4413304	4413304	4413333	-	5	30	GTG	TAA	0	0	
mORF_-_4413311	4413311	4413328	-	6	18	ATG	TGA	0	0	
mORF_-_4413318	4413318	4413350	-	4	33	TTG	TAA	0	0	
mORF_-_4413335	4413335	4413505	-	6	171	ATG	TGA	0	0	
mORF_-_4413423	4413423	4413623	-	4	201	TTG	TAA	0	0	
mORF_-_4413427	4413427	4413441	-	5	15	TTG	TAA	0	0	
mORF_-_4413539	4413539	4413616	-	6	78	TTG	TAA	0	0	
mORF_-_4413613	4413613	4413654	-	5	42	ATG	TGA	0	0	
mORF_-_4413705	4413705	4413758	-	4	54	ATG	TAA	0	0	
mORF_-_4413751	4413751	4413813	-	5	63	TTG	TAA	0	0	
mORF_-_4413762	4413762	4413788	-	4	27	TTG	TAG	0	0	
mORF_-_4413888	4413888	4414016	-	4	129	ATG	TAA	0	0	
mORF_-_4413955	4413955	4414131	-	5	177	ATG	TAA	0	0	
mORF_-_4413959	4413959	4414039	-	6	81	GTG	TAG	0	0	
mORF_-_4414020	4414020	4414043	-	4	24	ATG	TGA	0	0	
mORF_-_4414040	4414040	4414342	-	6	303	GTG	TGA	0	0	
mORF_-_4414074	4414074	4414115	-	4	42	ATG	TGA	0	0	
mORF_-_4414201	4414201	4414209	-	5	9	ATG	TAG	0	0	
mORF_-_4414219	4414219	4414233	-	5	15	GTG	TGA	0	0	
mORF_-_4414227	4414227	4414361	-	4	135	ATG	TGA	0	0	
mORF_-_4414279	4414279	4414302	-	5	24	TTG	TAG	0	0	
mORF_-_4414318	4414318	4414434	-	5	117	TTG	TGA	0	0	
mORF_-_4414397	4414397	4414429	-	6	33	TTG	TAA	0	0	
mORF_-_4414464	4414464	4414892	-	4	429	ATG	TAA	1	3	pORF_-_4414464
mORF_-_4414468	4414468	4414497	-	5	30	GTG	TAA	0	0	
mORF_-_4414505	4414505	4414534	-	6	30	TTG	TGA	0	0	
mORF_-_4414580	4414580	4414591	-	6	12	ATG	TAG	0	0	
mORF_-_4414679	4414679	4414726	-	6	48	GTG	TAA	0	0	
mORF_-_4414733	4414733	4414756	-	6	24	TTG	TGA	0	0	
mORF_-_4414813	4414813	4414890	-	5	78	GTG	TAA	0	0	
mORF_-_4414841	4414841	4414900	-	6	60	ATG	TAA	0	0	
mORF_-_4414900	4414900	4414947	-	5	48	ATG	TAA	0	0	
mORF_-_4414944	4414944	4414961	-	4	18	TTG	TGA	0	0	
mORF_-_4414949	4414949	4414993	-	6	45	GTG	TGA	0	0	
mORF_-_4414990	4414990	4415040	-	5	51	TTG	TGA	0	0	
mORF_-_4415053	4415053	4415076	-	5	24	GTG	TAA	0	0	
mORF_-_4415081	4415081	4415089	-	6	9	ATG	TAA	0	0	
mORF_-_4415086	4415086	4415169	-	5	84	GTG	TGA	0	0	
mORF_-_4415106	4415106	4415150	-	4	45	ATG	TAG	0	0	
mORF_-_4415203	4415203	4415220	-	5	18	TTG	TAA	0	0	
mORF_-_4415208	4415208	4415384	-	4	177	ATG	TGA	1	2	pORF_-_4415208
mORF_-_4415227	4415227	4415232	-	5	6	TTG	TAG	0	0	
mORF_-_4415249	4415249	4415338	-	6	90	GTG	TAG	0	0	

mORF_-_4415254	4415254	4415358	-	5	105	GTG	TAA	0	0	
mORF_-_4415397	4415397	4415477	-	4	81	ATG	TAG	0	0	
mORF_-_4415402	4415402	4415455	-	6	54	GTG	TAA	0	0	
mORF_-_4415419	4415419	4415523	-	5	105	TTG	TGA	0	0	
mORF_-_4415468	4415468	4415509	-	6	42	TTG	TGA	0	0	
mORF_-_4415525	4415525	4415647	-	6	123	ATG	TAA	0	0	
mORF_-_4415539	4415539	4415553	-	5	15	ATG	TAG	0	0	
mORF_-_4415644	4415644	4415667	-	5	24	GTG	TGA	0	0	
mORF_-_4415664	4415664	4415672	-	4	9	ATG	TGA	0	0	
mORF_-_4415672	4415672	4415863	-	6	192	TTG	TAA	0	0	
mORF_-_4415686	4415686	4415718	-	5	33	ATG	TAA	0	0	
mORF_-_4415721	4415721	4416476	-	4	756	ATG	TAA	2	7	pORF_-_4415721
mORF_-_4415951	4415951	4415989	-	6	39	ATG	TGA	0	0	
mORF_-_4416062	4416062	4416073	-	6	12	ATG	TGA	0	0	
mORF_-_4416086	4416086	4416154	-	6	69	TTG	TGA	0	0	
mORF_-_4416112	4416112	4416141	-	5	30	GTG	TAA	0	0	
mORF_-_4416185	4416185	4416244	-	6	60	ATG	TAG	0	0	
mORF_-_4416269	4416269	4416316	-	6	48	ATG	TGA	0	0	
mORF_-_4416329	4416329	4416412	-	6	84	TTG	TGA	0	0	
mORF_-_4416416	4416416	4416421	-	6	6	TTG	TGA	0	0	
mORF_-_4416469	4416469	4416726	-	5	258	ATG	TGA	0	0	
mORF_-_4416584	4416584	4417654	-	6	1071	ATG	TAA	0	0	
mORF_-_4416615	4416615	4416629	-	4	15	TTG	TGA	0	0	
mORF_-_4416669	4416669	4416755	-	4	87	GTG	TAA	0	0	
mORF_-_4416820	4416820	4416831	-	5	12	ATG	TAG	0	0	
mORF_-_4416832	4416832	4416843	-	5	12	GTG	TGA	0	0	
mORF_-_4416910	4416910	4416951	-	5	42	ATG	TAG	0	0	
mORF_-_4417018	4417018	4417041	-	5	24	ATG	TGA	0	0	
mORF_-_4417084	4417084	4417125	-	5	42	TTG	TGA	0	0	
mORF_-_4417122	4417122	4417199	-	4	78	GTG	TGA	0	0	
mORF_-_4417141	4417141	4417245	-	5	105	GTG	TAG	0	0	
mORF_-_4417236	4417236	4417247	-	4	12	TTG	TGA	0	0	
mORF_-_4417255	4417255	4417350	-	5	96	TTG	TGA	0	0	
mORF_-_4417423	4417423	4417488	-	5	66	GTG	TAA	0	0	
mORF_-_4417431	4417431	4417460	-	4	30	GTG	TAA	0	0	
mORF_-_4417467	4417467	4417529	-	4	63	GTG	TGA	0	0	
mORF_-_4417498	4417498	4417575	-	5	78	ATG	TGA	0	0	
mORF_-_4417584	4417584	4417592	-	4	9	GTG	TAG	0	0	
mORF_-_4417606	4417606	4417623	-	5	18	GTG	TGA	0	0	
mORF_-_4417641	4417641	4417664	-	4	24	ATG	TAA	0	0	
mORF_-_4417645	4417645	4417674	-	5	30	TTG	TGA	0	0	
mORF_-_4417661	4417661	4417714	-	6	54	GTG	TGA	0	0	
mORF_-_4417714	4417714	4417740	-	5	27	ATG	TAG	0	0	
mORF_-_4417722	4417722	4417733	-	4	12	TTG	TGA	0	0	
mORF_-_4417792	4417792	4417812	-	5	21	TTG	TAA	0	0	
mORF_-_4417813	4417813	4417896	-	5	84	GTG	TAA	0	0	
mORF_-_4417817	4417817	4417870	-	6	54	ATG	TAG	0	0	
mORF_-_4417877	4417877	4417906	-	6	30	ATG	TAA	0	0	
mORF_-_4417893	4417893	4417898	-	4	6	ATG	TGA	0	0	
mORF_-_4417924	4417924	4417956	-	5	33	ATG	TAA	0	0	
mORF_-_4417937	4417937	4417951	-	6	15	GTG	TAA	0	0	
mORF_-_4418014	4418014	4418055	-	5	42	TTG	TAG	0	0	
mORF_-_4418092	4418092	4418202	-	5	111	TTG	TAG	0	0	
mORF_-_4418230	4418230	4418238	-	5	9	ATG	TAG	0	0	
mORF_-_4418238	4418238	4418279	-	4	42	TTG	TAA	0	0	
mORF_-_4418260	4418260	4418292	-	5	33	ATG	TAG	0	0	
mORF_-_4418317	4418317	4418349	-	5	33	ATG	TAA	0	0	
mORF_-_4418330	4418330	4418584	-	6	255	GTG	TAA	0	0	
mORF_-_4418353	4418353	4418412	-	5	60	ATG	TAA	0	0	
mORF_-_4418373	4418373	4418390	-	4	18	TTG	TAA	0	0	
mORF_-_4418458	4418458	4418478	-	5	21	ATG	TAG	0	0	
mORF_-_4418506	4418506	4418538	-	5	33	TTG	TAG	0	0	
mORF_-_4418517	4418517	4418603	-	4	87	ATG	TGA	0	0	

mORF_-_4418545	4418545	4418577	-	5	33	ATG	TGA	0	0	
mORF_-_4418600	4418600	4419454	-	6	855	TTG	TGA	0	0	
mORF_-_4418611	4418611	4418904	-	5	294	ATG	TAG	0	0	
mORF_-_4418850	4418850	4418894	-	4	45	ATG	TGA	0	0	
mORF_-_4418956	4418956	4419006	-	5	51	ATG	TAG	0	0	
mORF_-_4419010	4419010	4419309	-	5	300	ATG	TGA	0	0	
mORF_-_4419204	4419204	4419254	-	4	51	GTG	TGA	0	0	
mORF_-_4419306	4419306	4419320	-	4	15	GTG	TGA	0	0	
mORF_-_4419397	4419397	4419768	-	5	372	ATG	TAA	0	0	
mORF_-_4419468	4419468	4419506	-	4	39	TTG	TGA	0	0	
mORF_-_4419494	4419494	4419502	-	6	9	TTG	TAA	0	0	
mORF_-_4419503	4419503	4419700	-	6	198	ATG	TGA	0	0	
mORF_-_4419690	4419690	4419794	-	4	105	ATG	TGA	0	0	
mORF_-_4419737	4419737	4420069	-	6	333	GTG	TAA	0	0	
mORF_-_4419898	4419898	4420062	-	5	165	TTG	TAA	0	0	
mORF_-_4419906	4419906	4419926	-	4	21	TTG	TAA	0	0	
mORF_-_4420066	4420066	4420182	-	5	117	TTG	TGA	0	0	
mORF_-_4420130	4420130	4420243	-	6	114	TTG	TAA	0	0	
mORF_-_4420192	4420192	4420215	-	5	24	ATG	TAA	0	0	
mORF_-_4420215	4420215	4420946	-	4	732	TTG	TAA	1	2	pORF_-_4420215
mORF_-_4420262	4420262	4420318	-	6	57	ATG	TAG	0	0	
mORF_-_4420367	4420367	4420495	-	6	129	TTG	TAG	0	0	
mORF_-_4420483	4420483	4420515	-	5	33	TTG	TGA	0	0	
mORF_-_4420553	4420553	4420597	-	6	45	ATG	TAA	0	0	
mORF_-_4420613	4420613	4420750	-	6	138	TTG	TGA	0	0	
mORF_-_4420771	4420771	4420821	-	5	51	GTG	TAA	0	0	
mORF_-_4420823	4420823	4420840	-	6	18	ATG	TGA	0	0	
mORF_-_4420828	4420828	4420953	-	5	126	TTG	TGA	0	0	
mORF_-_4420856	4420856	4420897	-	6	42	ATG	TAG	0	0	
mORF_-_4420898	4420898	4421089	-	6	192	ATG	TAG	0	0	
mORF_-_4420959	4420959	4421501	-	4	543	ATG	TAA	0	0	
mORF_-_4421173	4421173	4421304	-	5	132	TTG	TAG	0	0	
mORF_-_4421237	4421237	4421338	-	6	102	ATG	TGA	0	0	
mORF_-_4421342	4421342	4421368	-	6	27	TTG	TAA	0	0	
mORF_-_4421387	4421387	4421398	-	6	12	TTG	TAG	0	0	
mORF_-_4421414	4421414	4421587	-	6	174	TTG	TAG	0	0	
mORF_-_4421584	4421584	4421760	-	5	177	ATG	TGA	0	0	
mORF_-_4421597	4421597	4421728	-	6	132	TTG	TAG	0	0	
mORF_-_4421732	4421732	4422016	-	6	285	ATG	TAG	0	0	
mORF_-_4421773	4421773	4421844	-	5	72	TTG	TAG	0	0	
mORF_-_4421841	4421841	4422026	-	4	186	ATG	TGA	0	0	
mORF_-_4421860	4421860	4421946	-	5	87	GTG	TAG	0	0	
mORF_-_4421974	4421974	4422012	-	5	39	GTG	TAA	0	0	
mORF_-_4422013	4422013	4422066	-	5	54	GTG	TGA	0	0	
mORF_-_4422056	4422056	4422070	-	6	15	GTG	TAA	0	0	
mORF_-_4422076	4422076	4422180	-	5	105	TTG	TAG	0	0	
mORF_-_4422110	4422110	4422379	-	6	270	GTG	TAA	0	0	
mORF_-_4422250	4422250	4422333	-	5	84	TTG	TGA	0	0	
mORF_-_4422318	4422318	4422326	-	4	9	GTG	TAA	0	0	
mORF_-_4422334	4422334	4422369	-	5	36	ATG	TGA	0	0	
mORF_-_4422394	4422394	4422474	-	5	81	TTG	TAA	0	0	
mORF_-_4422452	4422452	4422505	-	6	54	TTG	TAG	0	0	
mORF_-_4422471	4422471	4422500	-	4	30	TTG	TGA	0	0	
mORF_-_4422507	4422507	4422515	-	4	9	TTG	TAG	0	0	
mORF_-_4422539	4422539	4422883	-	6	345	TTG	TAG	1	2	pORF_-_4422539
mORF_-_4422601	4422601	4422642	-	5	42	ATG	TAA	0	0	
mORF_-_4422700	4422700	4422771	-	5	72	GTG	TAG	0	0	
mORF_-_4422747	4422747	4422761	-	4	15	ATG	TGA	0	0	
mORF_-_4422796	4422796	4422804	-	5	9	GTG	TAG	0	0	
mORF_-_4422876	4422876	4422908	-	4	33	ATG	TAA	0	0	
mORF_-_4422880	4422880	4422960	-	5	81	TTG	TGA	0	0	
mORF_-_4422924	4422924	4422938	-	4	15	ATG	TGA	0	0	
mORF_-_4422997	4422997	4423035	-	5	39	TTG	TAA	0	0	

mORF_-_4423020	4423020	4423052	-	4	33	ATG	TAA	0	0	
mORF_-_4423039	4423039	4423422	-	5	384	GTG	TAG	0	0	
mORF_-_4423056	4423056	4423136	-	4	81	TTG	TGA	0	0	
mORF_-_4423149	4423149	4423202	-	4	54	ATG	TAA	0	0	
mORF_-_4423212	4423212	4423244	-	4	33	TTG	TAG	0	0	
mORF_-_4423284	4423284	4423307	-	4	24	TTG	TAA	0	0	
mORF_-_4423292	4423292	4423312	-	6	21	GTG	TGA	0	0	
mORF_-_4423314	4423314	4423571	-	4	258	GTG	TAG	0	0	
mORF_-_4423427	4423427	4423438	-	6	12	ATG	TAA	0	0	
mORF_-_4423448	4423448	4423492	-	6	45	TTG	TAA	0	0	
mORF_-_4423598	4423598	4423606	-	6	9	ATG	TGA	0	0	
mORF_-_4423606	4423606	4423734	-	5	129	GTG	TGA	0	0	
mORF_-_4423686	4423686	4423727	-	4	42	ATG	TGA	0	0	
mORF_-_4423731	4423731	4423757	-	4	27	ATG	TGA	0	0	
mORF_-_4423764	4423764	4423808	-	4	45	TTG	TGA	0	0	
mORF_-_4423772	4423772	4424104	-	6	333	ATG	TGA	0	0	
mORF_-_4423777	4423777	4423821	-	5	45	ATG	TGA	0	0	
mORF_-_4423854	4423854	4423868	-	4	15	GTG	TAG	0	0	
mORF_-_4423870	4423870	4423902	-	5	33	GTG	TAA	0	0	
mORF_-_4423954	4423954	4423995	-	5	42	GTG	TAG	0	0	
mORF_-_4423959	4423959	4423985	-	4	27	TTG	TGA	0	0	
mORF_-_4423992	4423992	4424009	-	4	18	TTG	TGA	0	0	
mORF_-_4424020	4424020	4424040	-	5	21	TTG	TGA	0	0	
mORF_-_4424050	4424050	4424073	-	5	24	GTG	TAG	0	0	
mORF_-_4424083	4424083	4424097	-	5	15	GTG	TGA	0	0	
mORF_-_4424104	4424104	4424592	-	5	489	TTG	TAA	0	0	
mORF_-_4424138	4424138	4424161	-	6	24	TTG	TAA	0	0	
mORF_-_4424202	4424202	4424504	-	4	303	GTG	TAG	0	0	
mORF_-_4424345	4424345	4424353	-	6	9	GTG	TGA	0	0	
mORF_-_4424589	4424589	4424615	-	4	27	ATG	TGA	0	0	
mORF_-_4424634	4424634	4424672	-	4	39	ATG	TAG	0	0	
mORF_-_4424644	4424644	4424679	-	5	36	ATG	TGA	0	0	
mORF_-_4424651	4424651	4425445	-	6	795	ATG	TAA	2	6	pORF_-_4424651
mORF_-_4424673	4424673	4424693	-	4	21	ATG	TGA	0	0	
mORF_-_4424697	4424697	4424735	-	4	39	TTG	TGA	0	0	
mORF_-_4424716	4424716	4424817	-	5	102	TTG	TAA	0	0	
mORF_-_4424821	4424821	4424829	-	5	9	ATG	TGA	0	0	
mORF_-_4424851	4424851	4424883	-	5	33	ATG	TAA	0	0	
mORF_-_4424940	4424940	4424954	-	4	15	TTG	TGA	0	0	
mORF_-_4424977	4424977	4424982	-	5	6	TTG	TAA	0	0	
mORF_-_4424989	4424989	4425084	-	5	96	ATG	TAG	0	0	
mORF_-_4425112	4425112	4425123	-	5	12	GTG	TAA	0	0	
mORF_-_4425163	4425163	4425204	-	5	42	ATG	TAG	0	0	
mORF_-_4425174	4425174	4425185	-	4	12	ATG	TGA	0	0	
mORF_-_4425205	4425205	4425228	-	5	24	ATG	TGA	0	0	
mORF_-_4425228	4425228	4425233	-	4	6	GTG	TAA	0	0	
mORF_-_4425274	4425274	4425327	-	5	54	GTG	TAG	0	0	
mORF_-_4425288	4425288	4425311	-	4	24	TTG	TGA	0	0	
mORF_-_4425470	4425470	4425496	-	6	27	GTG	TAA	0	0	
mORF_-_4425512	4425512	4425607	-	6	96	GTG	TAA	0	0	
mORF_-_4425574	4425574	4425645	-	5	72	ATG	TGA	0	0	
mORF_-_4425588	4425588	4425629	-	4	42	GTG	TAA	0	0	
mORF_-_4425633	4425633	4425638	-	4	6	GTG	TAA	0	0	
mORF_-_4425666	4425666	4425722	-	4	57	TTG	TAA	0	0	
mORF_-_4425701	4425701	4425730	-	6	30	ATG	TGA	0	0	
mORF_-_4425709	4425709	4425720	-	5	12	GTG	TAA	0	0	
mORF_-_4425748	4425748	4425753	-	5	6	ATG	TAA	0	0	
mORF_-_4425769	4425769	4425837	-	5	69	GTG	TAG	0	0	
mORF_-_4425783	4425783	4425824	-	4	42	ATG	TAA	0	0	
mORF_-_4425824	4425824	4425910	-	6	87	TTG	TAA	0	0	
mORF_-_4425846	4425846	4425866	-	4	21	GTG	TAA	0	0	
mORF_-_4425885	4425885	4426013	-	4	129	GTG	TAA	0	0	
mORF_-_4425916	4425916	4425936	-	5	21	ATG	TAA	0	0	

mORF_-_4425974	4425974	4425985	-	6	12	TTG	TAA	0	0	
mORF_-_4426010	4426010	4426063	-	6	54	TTG	TGA	0	0	
mORF_-_4426015	4426015	4426038	-	5	24	GTG	TGA	0	0	
mORF_-_4426060	4426060	4426071	-	5	12	TTG	TGA	0	0	
mORF_-_4426075	4426075	4426101	-	5	27	ATG	TAA	0	0	
mORF_-_4426098	4426098	4426172	-	4	75	TTG	TGA	0	0	
mORF_-_4426102	4426102	4426776	-	5	675	ATG	TAG	2	6	pORF_-_4426102
mORF_-_4426263	4426263	4426478	-	4	216	ATG	TAG	0	0	
mORF_-_4426331	4426331	4426360	-	6	30	ATG	TAA	0	0	
mORF_-_4426545	4426545	4426559	-	4	15	GTG	TAG	0	0	
mORF_-_4426563	4426563	4426631	-	4	69	TTG	TGA	0	0	
mORF_-_4426719	4426719	4426772	-	4	54	TTG	TAA	0	0	
mORF_-_4426780	4426780	4426983	-	5	204	ATG	TAG	0	0	
mORF_-_4426797	4426797	4426880	-	4	84	ATG	TAG	0	0	
mORF_-_4426877	4426877	4426903	-	6	27	TTG	TGA	0	0	
mORF_-_4426934	4426934	4427620	-	6	687	ATG	TAA	0	0	
mORF_-_4426941	4426941	4427069	-	4	129	GTG	TAG	0	0	
mORF_-_4426999	4426999	4427103	-	5	105	TTG	TAG	0	0	
mORF_-_4427179	4427179	4427286	-	5	108	TTG	TGA	0	0	
mORF_-_4427283	4427283	4427312	-	4	30	GTG	TGA	0	0	
mORF_-_4427335	4427335	4427541	-	5	207	GTG	TAA	0	0	
mORF_-_4427409	4427409	4427441	-	4	33	GTG	TAA	0	0	
mORF_-_4427478	4427478	4427522	-	4	45	ATG	TAG	0	0	
mORF_-_4427535	4427535	4427714	-	4	180	GTG	TGA	0	0	
mORF_-_4427575	4427575	4427727	-	5	153	GTG	TAG	0	0	
mORF_-_4427636	4427636	4427647	-	6	12	TTG	TGA	0	0	
mORF_-_4427711	4427711	4427740	-	6	30	ATG	TGA	0	0	
mORF_-_4427728	4427728	4427751	-	5	24	ATG	TGA	0	0	
mORF_-_4427757	4427757	4427774	-	4	18	ATG	TAG	0	0	
mORF_-_4427790	4427790	4427888	-	4	99	ATG	TAG	0	0	
mORF_-_4427836	4427836	4427862	-	5	27	GTG	TAG	0	0	
mORF_-_4427919	4427919	4427957	-	4	39	GTG	TGA	0	0	
mORF_-_4427941	4427941	4427967	-	5	27	ATG	TAG	0	0	
mORF_-_4427954	4427954	4427959	-	6	6	TTG	TGA	0	0	
mORF_-_4427970	4427970	4428056	-	4	87	ATG	TGA	0	0	
mORF_-_4428063	4428063	4428194	-	4	132	GTG	TAA	0	0	
mORF_-_4428080	4428080	4428106	-	6	27	TTG	TAA	0	0	
mORF_-_4428166	4428166	4428444	-	5	279	GTG	TAA	0	0	
mORF_-_4428204	4428204	4428254	-	4	51	GTG	TAA	0	0	
mORF_-_4428264	4428264	4428431	-	4	168	ATG	TGA	0	0	
mORF_-_4428428	4428428	4428625	-	6	198	GTG	TGA	0	0	
mORF_-_4428447	4428447	4428656	-	4	210	ATG	TGA	1	2	pORF_-_4428447
mORF_-_4428472	4428472	4428483	-	5	12	ATG	TGA	0	0	
mORF_-_4428616	4428616	4429095	-	5	480	ATG	TGA	0	0	
mORF_-_4428663	4428663	4429082	-	4	420	TTG	TAG	0	0	
mORF_-_4428686	4428686	4428775	-	6	90	TTG	TAA	0	0	
mORF_-_4428836	4428836	4428880	-	6	45	GTG	TAG	0	0	
mORF_-_4429010	4429010	4429015	-	6	6	TTG	TAA	0	0	
mORF_-_4429052	4429052	4429189	-	6	138	GTG	TAA	0	0	
mORF_-_4429096	4429096	4429311	-	5	216	ATG	TAG	0	0	
mORF_-_4429113	4429113	4429202	-	4	90	GTG	TAG	0	0	
mORF_-_4429262	4429262	4429378	-	6	117	ATG	TAA	0	0	
mORF_-_4429308	4429308	4429331	-	4	24	ATG	TGA	0	0	
mORF_-_4429339	4429339	4429347	-	5	9	GTG	TAA	0	0	
mORF_-_4429344	4429344	4430006	-	4	663	ATG	TGA	0	0	
mORF_-_4429403	4429403	4429414	-	6	12	TTG	TGA	0	0	
mORF_-_4429415	4429415	4429423	-	6	9	ATG	TGA	0	0	
mORF_-_4429499	4429499	4429525	-	6	27	ATG	TGA	0	0	
mORF_-_4429616	4429616	4429639	-	6	24	ATG	TGA	0	0	
mORF_-_4429724	4429724	4429981	-	6	258	GTG	TGA	0	0	
mORF_-_4429982	4429982	4430020	-	6	39	ATG	TAG	0	0	
mORF_-_4430023	4430023	4430052	-	5	30	ATG	TAA	0	0	
mORF_-_4430055	4430055	4430063	-	4	9	TTG	TAA	0	0	

mORF_-_4430095	4430095	4430103	-	5	9	GTG	TAA	0	0	
mORF_-_4430100	4430100	4430117	-	4	18	TTG	TGA	0	0	
mORF_-_4430114	4430114	4431088	-	6	975	ATG	TGA	0	0	
mORF_-_4430133	4430133	4430351	-	4	219	TTG	TGA	0	0	
mORF_-_4430137	4430137	4430181	-	5	45	TTG	TAA	0	0	
mORF_-_4430212	4430212	4430277	-	5	66	TTG	TAA	0	0	
mORF_-_4430293	4430293	4430340	-	5	48	TTG	TGA	0	0	
mORF_-_4430359	4430359	4430367	-	5	9	TTG	TAG	0	0	
mORF_-_4430371	4430371	4430403	-	5	33	TTG	TGA	0	0	
mORF_-_4430376	4430376	4430567	-	4	192	GTG	TAG	0	0	
mORF_-_4430509	4430509	4430562	-	5	54	ATG	TGA	0	0	
mORF_-_4430587	4430587	4430628	-	5	42	TTG	TAG	0	0	
mORF_-_4430647	4430647	4430658	-	5	12	TTG	TAA	0	0	
mORF_-_4430652	4430652	4430717	-	4	66	GTG	TGA	0	0	
mORF_-_4430662	4430662	4430685	-	5	24	TTG	TGA	0	0	
mORF_-_4430692	4430692	4430757	-	5	66	TTG	TGA	0	0	
mORF_-_4430739	4430739	4431038	-	4	300	GTG	TAG	0	0	
mORF_-_4430791	4430791	4430835	-	5	45	TTG	TGA	0	0	
mORF_-_4430875	4430875	4430949	-	5	75	TTG	TGA	0	0	
mORF_-_4431010	4431010	4431024	-	5	15	TTG	TGA	0	0	
mORF_-_4431072	4431072	4431149	-	4	78	ATG	TAG	0	0	
mORF_-_4431112	4431112	4431177	-	5	66	GTG	TGA	0	0	
mORF_-_4431183	4431183	4431200	-	4	18	ATG	TAA	0	0	
mORF_-_4431187	4431187	4432047	-	5	861	ATG	TAG	19	58	pORF_-_4431187
mORF_-_4431225	4431225	4431248	-	4	24	TTG	TAG	0	0	
mORF_-_4431249	4431249	4431302	-	4	54	TTG	TGA	0	0	
mORF_-_4431441	4431441	4431455	-	4	15	GTG	TGA	0	0	
mORF_-_4431504	4431504	4431731	-	4	228	ATG	TGA	0	0	
mORF_-_4431759	4431759	4431809	-	4	51	GTG	TGA	0	0	
mORF_-_4431870	4431870	4431884	-	4	15	ATG	TGA	0	0	
mORF_-_4431990	4431990	4432031	-	4	42	GTG	TGA	0	0	
mORF_-_4431998	4431998	4432060	-	6	63	ATG	TGA	0	0	
mORF_-_4432044	4432044	4432091	-	4	48	GTG	TGA	0	0	
mORF_-_4432085	4432085	4432219	-	6	135	GTG	TAG	0	0	
mORF_-_4432141	4432141	4432224	-	5	84	GTG	TGA	0	0	
mORF_-_4432256	4432256	4432273	-	6	18	ATG	TAG	0	0	
mORF_-_4432270	4432270	4432590	-	5	321	ATG	TGA	1	3	pORF_-_4432270
mORF_-_4432343	4432343	4432396	-	6	54	ATG	TAA	0	0	
mORF_-_4432410	4432410	4432514	-	4	105	ATG	TGA	0	0	
mORF_-_4432544	4432544	4432597	-	6	54	TTG	TAG	0	0	
mORF_-_4432645	4432645	4434597	-	5	1953	ATG	TAA	40	162	pORF_-_4432645
mORF_-_4432653	4432653	4432688	-	4	36	ATG	TGA	0	0	
mORF_-_4432803	4432803	4433009	-	4	207	ATG	TAG	0	0	
mORF_-_4432859	4432859	4432870	-	6	12	GTG	TGA	0	0	
mORF_-_4433016	4433016	4433045	-	4	30	ATG	TGA	0	0	
mORF_-_4433045	4433045	4433059	-	6	15	GTG	TAA	0	0	
mORF_-_4433049	4433049	4433093	-	4	45	TTG	TGA	0	0	
mORF_-_4433103	4433103	4433186	-	4	84	TTG	TGA	0	0	
mORF_-_4433192	4433192	4433221	-	6	30	GTG	TAA	0	0	
mORF_-_4433247	4433247	4433255	-	4	9	TTG	TGA	0	0	
mORF_-_4433256	4433256	4433291	-	4	36	ATG	TGA	0	0	
mORF_-_4433301	4433301	4433432	-	4	132	ATG	TGA	0	0	
mORF_-_4433451	4433451	4433552	-	4	102	ATG	TGA	0	0	
mORF_-_4433612	4433612	4433665	-	6	54	ATG	TAA	0	0	
mORF_-_4433655	4433655	4433705	-	4	51	TTG	TGA	0	0	
mORF_-_4433678	4433678	4433719	-	6	42	GTG	TAA	0	0	
mORF_-_4433730	4433730	4433747	-	4	18	ATG	TAA	0	0	
mORF_-_4433748	4433748	4433855	-	4	108	GTG	TGA	0	0	
mORF_-_4433883	4433883	4433993	-	4	111	ATG	TGA	0	0	
mORF_-_4434000	4434000	4434068	-	4	69	TTG	TGA	0	0	
mORF_-_4434120	4434120	4434173	-	4	54	ATG	TAA	0	0	
mORF_-_4434174	4434174	4434206	-	4	33	ATG	TAA	0	0	
mORF_-_4434210	4434210	4434248	-	4	39	TTG	TGA	0	0	

mORF_-_4434276	4434276	4434305	-	4	30	GTG	TAA	0	0	
mORF_-_4434357	4434357	4434374	-	4	18	TTG	TGA	0	0	
mORF_-_4434390	4434390	4434407	-	4	18	ATG	TGA	0	0	
mORF_-_4434480	4434480	4434536	-	4	57	ATG	TGA	0	0	
mORF_-_4434537	4434537	4434551	-	4	15	TTG	TGA	0	0	
mORF_-_4434588	4434588	4434608	-	4	21	ATG	TGA	0	0	
mORF_-_4434642	4434642	4434671	-	4	30	TTG	TAA	0	0	
mORF_-_4434646	4434646	4434753	-	5	108	GTG	TAA	0	0	
mORF_-_4434674	4434674	4434805	-	6	132	GTG	TAA	0	0	
mORF_-_4434699	4434699	4434713	-	4	15	ATG	TGA	0	0	
mORF_-_4434781	4434781	4434912	-	5	132	GTG	TAA	0	0	
mORF_-_4434786	4434786	4434824	-	4	39	ATG	TGA	0	0	
mORF_-_4434834	4434834	4434878	-	4	45	TTG	TAG	0	0	
mORF_-_4434909	4434909	4434923	-	4	15	ATG	TGA	0	0	
mORF_-_4434920	4434920	4434946	-	6	27	GTG	TGA	0	0	
mORF_-_4434931	4434931	4435098	-	5	168	ATG	TAA	0	0	
mORF_-_4435011	4435011	4435196	-	4	186	TTG	TAA	0	0	
mORF_-_4435111	4435111	4435440	-	5	330	GTG	TAA	0	0	
mORF_-_4435238	4435238	4435378	-	6	141	TTG	TGA	0	0	
mORF_-_4435296	4435296	4435394	-	4	99	GTG	TGA	0	0	
mORF_-_4435464	4435464	4435469	-	4	6	GTG	TAA	0	0	
mORF_-_4435508	4435508	4435573	-	6	66	TTG	TAG	0	0	
mORF_-_4435575	4435575	4435616	-	4	42	TTG	TAG	0	0	
mORF_-_4435583	4435583	4435624	-	6	42	TTG	TAA	0	0	
mORF_-_4435636	4435636	4435641	-	5	6	ATG	TAA	0	0	
mORF_-_4435674	4435674	4435700	-	4	27	ATG	TAG	0	0	
mORF_-_4435688	4435688	4435729	-	6	42	ATG	TAA	0	0	
mORF_-_4435726	4435726	4435830	-	5	105	ATG	TGA	0	0	
mORF_-_4435733	4435733	4435750	-	6	18	GTG	TAA	0	0	
mORF_-_4435758	4435758	4435811	-	4	54	TTG	TAA	0	0	
mORF_-_4435775	4435775	4435807	-	6	33	ATG	TAA	0	0	
mORF_-_4435808	4435808	4435837	-	6	30	ATG	TGA	0	0	
mORF_-_4435821	4435821	4435841	-	4	21	ATG	TAA	0	0	
mORF_-_4435842	4435842	4435949	-	4	108	TTG	TAA	0	0	
mORF_-_4435946	4435946	4435966	-	6	21	GTG	TGA	0	0	
mORF_-_4435963	4435963	4436178	-	5	216	ATG	TGA	0	0	
mORF_-_4435998	4435998	4436090	-	4	93	ATG	TAA	0	0	
mORF_-_4436120	4436120	4436128	-	6	9	TTG	TAA	0	0	
mORF_-_4436156	4436156	4436206	-	6	51	GTG	TAG	0	0	
mORF_-_4436233	4436233	4436262	-	5	30	TTG	TAA	0	0	
mORF_-_4436264	4436264	4436500	-	6	237	TTG	TAA	0	0	
mORF_-_4436332	4436332	4436370	-	5	39	ATG	TAA	0	0	
mORF_-_4436467	4436467	4436601	-	5	135	ATG	TAA	0	0	
mORF_-_4436507	4436507	4436623	-	6	117	TTG	TAA	0	0	
mORF_-_4436674	4436674	4436682	-	5	9	ATG	TAG	0	0	
mORF_-_4436717	4436717	4436806	-	6	90	ATG	TAA	0	0	
mORF_-_4436731	4436731	4437285	-	5	555	ATG	TAA	2	5	pORF_-_4436731
mORF_-_4436760	4436760	4436819	-	4	60	ATG	TGA	0	0	
mORF_-_4436835	4436835	4437044	-	4	210	TTG	TAG	0	0	
mORF_-_4437045	4437045	4437086	-	4	42	TTG	TGA	0	0	
mORF_-_4437114	4437114	4437191	-	4	78	TTG	TAG	0	0	
mORF_-_4437282	4437282	4437344	-	4	63	ATG	TGA	0	0	
mORF_-_4437350	4437350	4437400	-	6	51	GTG	TAG	0	0	
mORF_-_4437354	4437354	4437407	-	4	54	ATG	TAA	0	0	
mORF_-_4437391	4437391	4437402	-	5	12	TTG	TGA	0	0	
mORF_-_4437423	4437423	4437530	-	4	108	GTG	TAA	0	0	
mORF_-_4437476	4437476	4437508	-	6	33	ATG	TAA	0	0	
mORF_-_4437490	4437490	4437624	-	5	135	TTG	TAA	0	0	
mORF_-_4437537	4437537	4437554	-	4	18	ATG	TAA	0	0	
mORF_-_4437551	4437551	4437637	-	6	87	GTG	TGA	0	0	
mORF_-_4437594	4437594	4437632	-	4	39	TTG	TGA	0	0	
mORF_-_4437639	4437639	4437689	-	4	51	TTG	TGA	0	0	
mORF_-_4437679	4437679	4437756	-	5	78	ATG	TAA	0	0	

mORF_-_4437728	4437728	4437736	-	6	9	TTG	TAA	0	0	
mORF_-_4437760	4437760	4437801	-	5	42	TTG	TGA	0	0	
mORF_-_4437788	4437788	4437820	-	6	33	TTG	TAA	0	0	
mORF_-_4437895	4437895	4439238	-	5	1344	ATG	TAA	1	3	pORF_-_4437895
mORF_-_4437972	4437972	4438019	-	4	48	TTG	TGA	0	0	
mORF_-_4438080	4438080	4438175	-	4	96	TTG	TGA	0	0	
mORF_-_4438172	4438172	4438183	-	6	12	ATG	TGA	0	0	
mORF_-_4438176	4438176	4438205	-	4	30	TTG	TGA	0	0	
mORF_-_4438254	4438254	4438262	-	4	9	ATG	TGA	0	0	
mORF_-_4438305	4438305	4438322	-	4	18	GTG	TGA	0	0	
mORF_-_4438359	4438359	4438376	-	4	18	TTG	TAA	0	0	
mORF_-_4438440	4438440	4438490	-	4	51	ATG	TGA	0	0	
mORF_-_4438536	4438536	4438565	-	4	30	TTG	TGA	0	0	
mORF_-_4438562	4438562	4438570	-	6	9	TTG	TGA	0	0	
mORF_-_4438572	4438572	4438583	-	4	12	GTG	TGA	0	0	
mORF_-_4438590	4438590	4438637	-	4	48	TTG	TGA	0	0	
mORF_-_4438638	4438638	4438679	-	4	42	GTG	TGA	0	0	
mORF_-_4438689	4438689	4438721	-	4	33	ATG	TAG	0	0	
mORF_-_4438724	4438724	4438801	-	6	78	TTG	TAA	0	0	
mORF_-_4438758	4438758	4438859	-	4	102	TTG	TAA	0	0	
mORF_-_4438881	4438881	4438892	-	4	12	TTG	TAA	0	0	
mORF_-_4438938	4438938	4439012	-	4	75	GTG	TGA	0	0	
mORF_-_4439094	4439094	4439111	-	4	18	ATG	TGA	0	0	
mORF_-_4439112	4439112	4439195	-	4	84	GTG	TAA	0	0	
mORF_-_4439138	4439138	4439305	-	6	168	ATG	TAA	0	0	
mORF_-_4439232	4439232	4439303	-	4	72	GTG	TAA	0	0	
mORF_-_4439284	4439284	4439337	-	5	54	ATG	TAA	0	0	
mORF_-_4439347	4439347	4439508	-	5	162	ATG	TAG	0	0	
mORF_-_4439391	4439391	4439411	-	4	21	TTG	TGA	0	0	
mORF_-_4439498	4439498	4439539	-	6	42	TTG	TAA	0	0	
mORF_-_4439508	4439508	4439528	-	4	21	GTG	TGA	0	0	
mORF_-_4439533	4439533	4439760	-	5	228	ATG	TGA	0	0	
mORF_-_4439541	4439541	4439546	-	4	6	ATG	TAG	0	0	
mORF_-_4439561	4439561	4440265	-	6	705	TTG	TAG	13	68	pORF_-_4439561
mORF_-_4439773	4439773	4440087	-	5	315	ATG	TGA	0	0	
mORF_-_4439811	4439811	4439855	-	4	45	TTG	TGA	0	0	
mORF_-_4439931	4439931	4440047	-	4	117	TTG	TGA	0	0	
mORF_-_4440091	4440091	4440114	-	5	24	ATG	TGA	0	0	
mORF_-_4440124	4440124	4440189	-	5	66	TTG	TAG	0	0	
mORF_-_4440186	4440186	4440272	-	4	87	GTG	TGA	0	0	
mORF_-_4440232	4440232	4440297	-	5	66	ATG	TAA	0	0	
mORF_-_4440326	4440326	4440334	-	6	9	ATG	TAA	0	0	
mORF_-_4440410	4440410	4440598	-	6	189	ATG	TAG	1	2	pORF_-_4440410
mORF_-_4440535	4440535	4440666	-	5	132	TTG	TAG	0	0	
mORF_-_4440626	4440626	4440730	-	6	105	GTG	TAA	0	0	
mORF_-_4440770	4440770	4440808	-	6	39	GTG	TAG	0	0	
mORF_-_4440827	4440827	4440859	-	6	33	ATG	TAA	0	0	
mORF_-_4440849	4440849	4440983	-	4	135	ATG	TAA	0	0	
mORF_-_4440875	4440875	4440913	-	6	39	ATG	TAA	0	0	
mORF_-_4440892	4440892	4441002	-	5	111	GTG	TAA	0	0	
mORF_-_4440968	4440968	4441207	-	6	240	ATG	TAA	0	0	
mORF_-_4440999	4440999	4441136	-	4	138	TTG	TGA	0	0	
mORF_-_4441111	4441111	4441170	-	5	60	ATG	TAA	0	0	
mORF_-_4441164	4441164	4441631	-	4	468	TTG	TAA	0	0	
mORF_-_4441289	4441289	4441303	-	6	15	GTG	TGA	0	0	
mORF_-_4441342	4441342	4441374	-	5	33	GTG	TGA	0	0	
mORF_-_4441385	4441385	4441444	-	6	60	GTG	TAA	0	0	
mORF_-_4441463	4441463	4441498	-	6	36	ATG	TAG	0	0	
mORF_-_4441529	4441529	4441552	-	6	24	GTG	TGA	0	0	
mORF_-_4441562	4441562	4441588	-	6	27	GTG	TAA	0	0	
mORF_-_4441579	4441579	4441614	-	5	36	TTG	TAA	0	0	
mORF_-_4441639	4441639	4441719	-	5	81	GTG	TAG	0	0	
mORF_-_4441646	4441646	4441786	-	6	141	TTG	TAG	0	0	

mORF_-_4441668	4441668	4442099	-	4	432	GTG	TGA	0	0	
mORF_-_4441741	4441741	4441746	-	5	6	GTG	TAA	0	0	
mORF_-_4441838	4441838	4442059	-	6	222	TTG	TAG	0	0	
mORF_-_4442005	4442005	4442055	-	5	51	TTG	TAA	0	0	
mORF_-_4442056	4442056	4442310	-	5	255	GTG	TGA	1	3	pORF_-_4442056
mORF_-_4442111	4442111	4442116	-	6	6	ATG	TAA	0	0	
mORF_-_4442180	4442180	4442968	-	6	789	TTG	TAA	0	0	
mORF_-_4442326	4442326	4442436	-	5	111	ATG	TAA	0	0	
mORF_-_4442437	4442437	4442931	-	5	495	TTG	TGA	0	0	
mORF_-_4442532	4442532	4442552	-	4	21	GTG	TGA	0	0	
mORF_-_4442965	4442965	4443210	-	5	246	TTG	TGA	0	0	
mORF_-_4443030	4443030	4443041	-	4	12	GTG	TGA	0	0	
mORF_-_4443149	4443149	4443451	-	6	303	TTG	TAA	0	0	
mORF_-_4443217	4443217	4443231	-	5	15	GTG	TAA	0	0	
mORF_-_4443247	4443247	4443282	-	5	36	TTG	TGA	0	0	
mORF_-_4443292	4443292	4443657	-	5	366	TTG	TAA	0	0	
mORF_-_4443476	4443476	4443856	-	6	381	TTG	TAG	0	0	
mORF_-_4443615	4443615	4443707	-	4	93	TTG	TAA	0	0	
mORF_-_4443688	4443688	4443942	-	5	255	GTG	TGA	0	0	
mORF_-_4443765	4443765	4443854	-	4	90	GTG	TGA	0	0	
mORF_-_4443857	4443857	4444048	-	6	192	GTG	TAG	0	0	
mORF_-_4443946	4443946	4444029	-	5	84	TTG	TGA	0	0	
mORF_-_4444052	4444052	4445362	-	6	1311	ATG	TAG	0	0	
mORF_-_4444066	4444066	4444149	-	5	84	TTG	TGA	0	0	
mORF_-_4444207	4444207	4444374	-	5	168	GTG	TAA	0	0	
mORF_-_4444230	4444230	4444244	-	4	15	GTG	TGA	0	0	
mORF_-_4444375	4444375	4444494	-	5	120	TTG	TGA	0	0	
mORF_-_4444491	4444491	4444526	-	4	36	GTG	TGA	0	0	
mORF_-_4444519	4444519	4444740	-	5	222	TTG	TGA	1	4	pORF_-_4444519
mORF_-_4444789	4444789	4444860	-	5	72	TTG	TGA	0	0	
mORF_-_4444918	4444918	4445295	-	5	378	TTG	TAG	0	0	
mORF_-_4445052	4445052	4445060	-	4	9	TTG	TAG	0	0	
mORF_-_4445302	4445302	4445343	-	5	42	ATG	TGA	0	0	
mORF_-_4445399	4445399	4445557	-	6	159	TTG	TAA	0	0	
mORF_-_4445422	4445422	4445499	-	5	78	GTG	TGA	0	0	
mORF_-_4445496	4445496	4445621	-	4	126	TTG	TGA	0	0	
mORF_-_4445576	4445576	4445656	-	6	81	TTG	TAG	0	0	
mORF_-_4445602	4445602	4445718	-	5	117	GTG	TGA	0	0	
mORF_-_4445705	4445705	4445779	-	6	75	TTG	TAA	0	0	
mORF_-_4445758	4445758	4445823	-	5	66	GTG	TAG	0	0	
mORF_-_4445808	4445808	4445819	-	4	12	GTG	TAG	0	0	
mORF_-_4445844	4445844	4445885	-	4	42	GTG	TAG	0	0	
mORF_-_4445849	4445849	4445917	-	6	69	TTG	TAG	0	0	
mORF_-_4445931	4445931	4445960	-	4	30	TTG	TAG	0	0	
mORF_-_4445941	4445941	4445967	-	5	27	GTG	TAA	0	0	
mORF_-_4445964	4445964	4445978	-	4	15	TTG	TGA	0	0	
mORF_-_4445986	4445986	4446198	-	5	213	TTG	TAA	0	0	
mORF_-_4445999	4445999	4446433	-	6	435	GTG	TGA	0	0	
mORF_-_4446081	4446081	4446128	-	4	48	GTG	TAA	0	0	
mORF_-_4446195	4446195	4446275	-	4	81	GTG	TGA	0	0	
mORF_-_4446241	4446241	4446333	-	5	93	GTG	TAA	0	0	
mORF_-_4446370	4446370	4446396	-	5	27	ATG	TAA	0	0	
mORF_-_4446397	4446397	4446585	-	5	189	TTG	TGA	0	0	
mORF_-_4446540	4446540	4446641	-	4	102	GTG	TAA	0	0	
mORF_-_4446545	4446545	4446775	-	6	231	TTG	TAA	0	0	
mORF_-_4446586	4446586	4446606	-	5	21	ATG	TGA	0	0	
mORF_-_4446616	4446616	4446840	-	5	225	TTG	TAG	0	0	
mORF_-_4446666	4446666	4446749	-	4	84	ATG	TAA	0	0	
mORF_-_4446837	4446837	4446866	-	4	30	ATG	TGA	0	0	
mORF_-_4446902	4446902	4446994	-	6	93	TTG	TAA	0	0	
mORF_-_4446913	4446913	4446939	-	5	27	GTG	TAA	0	0	
mORF_-_4446976	4446976	4446981	-	5	6	GTG	TAG	0	0	
mORF_-_4447039	4447039	4447218	-	5	180	TTG	TAA	0	0	

mORF_-_4447145	4447145	4447675	-	6	531	ATG	TAA	71	2076	pORF_-_4447145
mORF_-_4447188	4447188	4447211	-	4	24	TTG	TAA	0	0	
mORF_-_4447215	4447215	4447229	-	4	15	GTG	TGA	0	0	
mORF_-_4447333	4447333	4447374	-	5	42	GTG	TGA	0	0	
mORF_-_4447371	4447371	4447415	-	4	45	TTG	TGA	0	0	
mORF_-_4447393	4447393	4447404	-	5	12	TTG	TGA	0	0	
mORF_-_4447420	4447420	4447623	-	5	204	TTG	TGA	0	0	
mORF_-_4447473	4447473	4447517	-	4	45	ATG	TGA	0	0	
mORF_-_4447647	4447647	4447763	-	4	117	ATG	TAA	0	0	
mORF_-_4447687	4447687	4447833	-	5	147	ATG	TAA	0	0	
mORF_-_4447782	4447782	4447826	-	4	45	ATG	TAA	0	0	
mORF_-_4447850	4447850	4447855	-	6	6	TTG	TAA	0	0	
mORF_-_4447872	4447872	4447904	-	4	33	TTG	TAA	0	0	
mORF_-_4447909	4447909	4447956	-	5	48	TTG	TAA	0	0	
mORF_-_4447925	4447925	4447945	-	6	21	ATG	TAG	0	0	
mORF_-_4447963	4447963	4448148	-	5	186	GTG	TAG	0	0	
mORF_-_4448034	4448034	4448054	-	4	21	ATG	TAG	0	0	
mORF_-_4448087	4448087	4448218	-	6	132	TTG	TGA	0	0	
mORF_-_4448167	4448167	4448340	-	5	174	TTG	TGA	0	0	
mORF_-_4448190	4448190	4448216	-	4	27	GTG	TAA	0	0	
mORF_-_4448347	4448347	4448628	-	5	282	ATG	TAG	0	0	
mORF_-_4448361	4448361	4448432	-	4	72	ATG	TGA	0	0	
mORF_-_4448508	4448508	4448522	-	4	15	TTG	TAA	0	0	
mORF_-_4448546	4448546	4448641	-	6	96	ATG	TGA	0	0	
mORF_-_4448595	4448595	4448675	-	4	81	TTG	TGA	0	0	
mORF_-_4448632	4448632	4448652	-	5	21	ATG	TAA	0	0	
mORF_-_4448668	4448668	4448742	-	5	75	ATG	TGA	0	0	
mORF_-_4448712	4448712	4448903	-	4	192	TTG	TGA	0	0	
mORF_-_4448743	4448743	4448880	-	5	138	GTG	TAG	0	0	
mORF_-_4448884	4448884	4449060	-	5	177	GTG	TAA	0	0	
mORF_-_4448948	4448948	4449010	-	6	63	GTG	TAG	0	0	
mORF_-_4449029	4449029	4449343	-	6	315	GTG	TAA	0	0	
mORF_-_4449048	4449048	4449098	-	4	51	GTG	TAG	0	0	
mORF_-_4449064	4449064	4449069	-	5	6	GTG	TAA	0	0	
mORF_-_4449190	4449190	4449228	-	5	39	TTG	TGA	0	0	
mORF_-_4449235	4449235	4449243	-	5	9	ATG	TGA	0	0	
mORF_-_4449243	4449243	4449260	-	4	18	GTG	TAA	0	0	
mORF_-_4449295	4449295	4449303	-	5	9	GTG	TAG	0	0	
mORF_-_4449300	4449300	4449329	-	4	30	TTG	TGA	0	0	
mORF_-_4449350	4449350	4449460	-	6	111	GTG	TGA	0	0	
mORF_-_4449397	4449397	4449474	-	5	78	ATG	TAA	0	0	
mORF_-_4449476	4449476	4449613	-	6	138	GTG	TAA	0	0	
mORF_-_4449519	4449519	4449536	-	4	18	TTG	TGA	0	0	
mORF_-_4449627	4449627	4449689	-	4	63	GTG	TAA	0	0	
mORF_-_4449647	4449647	4449685	-	6	39	GTG	TGA	0	0	
mORF_-_4449707	4449707	4449883	-	6	177	TTG	TGA	0	0	
mORF_-_4449724	4449724	4449852	-	5	129	ATG	TGA	0	0	
mORF_-_4449774	4449774	4449827	-	4	54	GTG	TAG	0	0	
mORF_-_4449880	4449880	4449912	-	5	33	GTG	TGA	0	0	
mORF_-_4449887	4449887	4450045	-	6	159	TTG	TAA	0	0	
mORF_-_4449969	4449969	4450070	-	4	102	ATG	TGA	0	0	
mORF_-_4450036	4450036	4450068	-	5	33	GTG	TGA	0	0	
mORF_-_4450070	4450070	4450300	-	6	231	TTG	TGA	0	0	
mORF_-_4450188	4450188	4450217	-	4	30	TTG	TAG	0	0	
mORF_-_4450234	4450234	4450368	-	5	135	TTG	TAA	0	0	
mORF_-_4450263	4450263	4450307	-	4	45	TTG	TGA	0	0	
mORF_-_4450301	4450301	4450405	-	6	105	ATG	TGA	0	0	
mORF_-_4450329	4450329	4450394	-	4	66	GTG	TAG	0	0	
mORF_-_4450481	4450481	4450573	-	6	93	ATG	TAG	0	0	
mORF_-_4450561	4450561	4450605	-	5	45	TTG	TGA	0	0	
mORF_-_4450602	4450602	4450622	-	4	21	GTG	TGA	0	0	
mORF_-_4450622	4450622	4450675	-	6	54	GTG	TAG	0	0	
mORF_-_4450675	4450675	4450716	-	5	42	ATG	TAG	0	0	

mORF_-_4450734	4450734	4450991	-	4	258	TTG	TGA	0	0	
mORF_-_4450865	4450865	4450882	-	6	18	TTG	TAG	0	0	
mORF_-_4450927	4450927	4451049	-	5	123	TTG	TAA	0	0	
mORF_-_4450995	4450995	4451279	-	4	285	GTG	TGA	0	0	
mORF_-_4451078	4451078	4451131	-	6	54	TTG	TAA	0	0	
mORF_-_4451222	4451222	4451239	-	6	18	TTG	TGA	0	0	
mORF_-_4451280	4451280	4451387	-	4	108	ATG	TAA	0	0	
mORF_-_4451440	4451440	4451640	-	5	201	ATG	TAG	0	0	
mORF_-_4451469	4451469	4451483	-	4	15	GTG	TGA	0	0	
mORF_-_4451562	4451562	4451627	-	4	66	GTG	TGA	0	0	
mORF_-_4451634	4451634	4451702	-	4	69	TTG	TGA	0	0	
mORF_-_4451665	4451665	4451961	-	5	297	ATG	TAA	0	0	
mORF_-_4451817	4451817	4451915	-	4	99	ATG	TAA	0	0	
mORF_-_4451882	4451882	4452034	-	6	153	ATG	TAG	0	0	
mORF_-_4451916	4451916	4451954	-	4	39	ATG	TAA	0	0	
mORF_-_4451994	4451994	4452056	-	4	63	TTG	TGA	0	0	
mORF_-_4451998	4451998	4452039	-	5	42	ATG	TAG	0	0	
mORF_-_4452040	4452040	4452135	-	5	96	ATG	TAA	0	0	
mORF_-_4452089	4452089	4452148	-	6	60	ATG	TAA	0	0	
mORF_-_4452126	4452126	4452194	-	4	69	TTG	TAA	0	0	
mORF_-_4452166	4452166	4452243	-	5	78	ATG	TGA	0	0	
mORF_-_4452234	4452234	4452269	-	4	36	TTG	TAG	0	0	
mORF_-_4452244	4452244	4452258	-	5	15	GTG	TAA	0	0	
mORF_-_4452445	4452445	4452495	-	5	51	ATG	TAA	0	0	
mORF_-_4452516	4452516	4452578	-	4	63	TTG	TAA	0	0	
mORF_-_4452536	4452536	4452598	-	6	63	TTG	TAA	0	0	
mORF_-_4452559	4452559	4452588	-	5	30	ATG	TGA	0	0	
mORF_-_4452582	4452582	4452812	-	4	231	ATG	TGA	0	0	
mORF_-_4452634	4452634	4453695	-	5	1062	TTG	TAA	42	431	pORF_-_4452634
mORF_-_4452767	4452767	4452808	-	6	42	GTG	TAA	0	0	
mORF_-_4452981	4452981	4453172	-	4	192	TTG	TGA	0	0	
mORF_-_4452998	4452998	4453117	-	6	120	ATG	TAA	0	0	
mORF_-_4453209	4453209	4453295	-	4	87	ATG	TAA	0	0	
mORF_-_4453308	4453308	4453385	-	4	78	TTG	TGA	0	0	
mORF_-_4453413	4453413	4453496	-	4	84	TTG	TGA	0	0	
mORF_-_4453545	4453545	4453619	-	4	75	GTG	TAA	0	0	
mORF_-_4453616	4453616	4453648	-	6	33	TTG	TGA	0	0	
mORF_-_4453629	4453629	4453685	-	4	57	TTG	TGA	0	0	
mORF_-_4453704	4453704	4453724	-	4	21	TTG	TGA	0	0	
mORF_-_4453726	4453726	4453815	-	5	90	ATG	TAA	0	0	
mORF_-_4453733	4453733	4453819	-	6	87	ATG	TAA	0	0	
mORF_-_4453752	4453752	4453766	-	4	15	ATG	TGA	0	0	
mORF_-_4453788	4453788	4453841	-	4	54	ATG	TAA	0	0	
mORF_-_4453816	4453816	4453947	-	5	132	ATG	TGA	0	0	
mORF_-_4453874	4453874	4453882	-	6	9	ATG	TAA	0	0	
mORF_-_4453928	4453928	4453942	-	6	15	TTG	TAA	0	0	
mORF_-_4453957	4453957	4454019	-	5	63	ATG	TGA	0	0	
mORF_-_4454004	4454004	4454141	-	4	138	GTG	TAA	0	0	
mORF_-_4454068	4454068	4454157	-	5	90	GTG	TAA	0	0	
mORF_-_4454075	4454075	4454806	-	6	732	GTG	TGA	0	0	
mORF_-_4454194	4454194	4454199	-	5	6	TTG	TAA	0	0	
mORF_-_4454248	4454248	4454313	-	5	66	TTG	TGA	0	0	
mORF_-_4454332	4454332	4454361	-	5	30	TTG	TAA	0	0	
mORF_-_4454374	4454374	4454496	-	5	123	ATG	TGA	0	0	
mORF_-_4454542	4454542	4454781	-	5	240	GTG	TGA	0	0	
mORF_-_4454778	4454778	4454825	-	4	48	TTG	TGA	0	0	
mORF_-_4454803	4454803	4454919	-	5	117	TTG	TGA	0	0	
mORF_-_4454868	4454868	4455029	-	4	162	GTG	TAA	0	0	
mORF_-_4454939	4454939	4455322	-	6	384	GTG	TAA	0	0	
mORF_-_4455079	4455079	4455111	-	5	33	TTG	TGA	0	0	
mORF_-_4455189	4455189	4455251	-	4	63	ATG	TAA	0	0	
mORF_-_4455226	4455226	4455243	-	5	18	ATG	TGA	0	0	
mORF_-_4455288	4455288	4455311	-	4	24	TTG	TAG	0	0	

mORF_-_4455319	4455319	4455330	-	5	12	TTG	TGA	0	0	
mORF_-_4455337	4455337	4455888	-	5	552	ATG	TAA	13	70	pORF_-_4455337
mORF_-_4455401	4455401	4455472	-	6	72	GTG	TAA	0	0	
mORF_-_4455435	4455435	4455464	-	4	30	ATG	TGA	0	0	
mORF_-_4455477	4455477	4455503	-	4	27	GTG	TAA	0	0	
mORF_-_4455606	4455606	4455710	-	4	105	ATG	TAG	0	0	
mORF_-_4455711	4455711	4455764	-	4	54	TTG	TAG	0	0	
mORF_-_4455771	4455771	4455848	-	4	78	GTG	TAA	0	0	
mORF_-_4455899	4455899	4455937	-	6	39	GTG	TAA	0	0	
mORF_-_4455955	4455955	4456011	-	5	57	TTG	TAA	0	0	
mORF_-_4455975	4455975	4455980	-	4	6	ATG	TAG	0	0	
mORF_-_4455980	4455980	4455994	-	6	15	TTG	TAA	0	0	
mORF_-_4456008	4456008	4456130	-	4	123	GTG	TGA	0	0	
mORF_-_4456069	4456069	4456197	-	5	129	GTG	TGA	0	0	
mORF_-_4456134	4456134	4456187	-	4	54	GTG	TAA	0	0	
mORF_-_4456184	4456184	4456426	-	6	243	ATG	TGA	0	0	
mORF_-_4456194	4456194	4456247	-	4	54	ATG	TGA	0	0	
mORF_-_4456231	4456231	4456509	-	5	279	GTG	TAA	0	0	
mORF_-_4456284	4456284	4456451	-	4	168	TTG	TAA	0	0	
mORF_-_4456479	4456479	4456514	-	4	36	ATG	TAG	0	0	
mORF_-_4456487	4456487	4456687	-	6	201	GTG	TGA	0	0	
mORF_-_4456531	4456531	4456632	-	5	102	TTG	TGA	0	0	
mORF_-_4456599	4456599	4456730	-	4	132	TTG	TAG	0	0	
mORF_-_4456684	4456684	4457049	-	5	366	TTG	TGA	0	0	
mORF_-_4456718	4456718	4456741	-	6	24	TTG	TGA	0	0	
mORF_-_4456788	4456788	4456949	-	4	162	ATG	TAA	0	0	
mORF_-_4456799	4456799	4456897	-	6	99	ATG	TAG	0	0	
mORF_-_4456974	4456974	4457006	-	4	33	GTG	TAG	0	0	
mORF_-_4457025	4457025	4457132	-	4	108	ATG	TGA	0	0	
mORF_-_4457187	4457187	4457252	-	4	66	GTG	TGA	0	0	
mORF_-_4457249	4457249	4457392	-	6	144	GTG	TGA	0	0	
mORF_-_4457373	4457373	4457378	-	4	6	GTG	TAA	0	0	
mORF_-_4457383	4457383	4457757	-	5	375	ATG	TGA	0	0	
mORF_-_4457538	4457538	4457552	-	4	15	ATG	TGA	0	0	
mORF_-_4457597	4457597	4457632	-	6	36	TTG	TAA	0	0	
mORF_-_4457634	4457634	4457858	-	4	225	ATG	TGA	0	0	
mORF_-_4457645	4457645	4457680	-	6	36	TTG	TAA	0	0	
mORF_-_4457711	4457711	4457836	-	6	126	TTG	TGA	0	0	
mORF_-_4457767	4457767	4457853	-	5	87	TTG	TGA	0	0	
mORF_-_4457855	4457855	4457926	-	6	72	ATG	TGA	0	0	
mORF_-_4457860	4457860	4457865	-	5	6	TTG	TGA	0	0	
mORF_-_4457875	4457875	4457886	-	5	12	ATG	TAA	0	0	
mORF_-_4457883	4457883	4457903	-	4	21	GTG	TGA	0	0	
mORF_-_4457923	4457923	4458387	-	5	465	ATG	TGA	0	0	
mORF_-_4457982	4457982	4457996	-	4	15	TTG	TAA	0	0	
mORF_-_4458021	4458021	4458032	-	4	12	TTG	TGA	0	0	
mORF_-_4458065	4458065	4458079	-	6	15	GTG	TAA	0	0	
mORF_-_4458092	4458092	4458103	-	6	12	GTG	TAA	0	0	
mORF_-_4458129	4458129	4458209	-	4	81	ATG	TGA	0	0	
mORF_-_4458218	4458218	4458274	-	6	57	ATG	TAA	0	0	
mORF_-_4458264	4458264	4458323	-	4	60	TTG	TAA	0	0	
mORF_-_4458284	4458284	4458301	-	6	18	ATG	TAA	0	0	
mORF_-_4458302	4458302	4458334	-	6	33	TTG	TGA	0	0	
mORF_-_4458387	4458387	4458485	-	4	99	TTG	TAA	0	0	
mORF_-_4458404	4458404	4458436	-	6	33	TTG	TGA	0	0	
mORF_-_4458433	4458433	4458516	-	5	84	ATG	TGA	0	0	
mORF_-_4458464	4458464	4458478	-	6	15	TTG	TGA	0	0	
mORF_-_4458506	4458506	4458523	-	6	18	ATG	TAA	0	0	
mORF_-_4458545	4458545	4460683	-	6	2139	ATG	TAA	7	20	pORF_-_4458545
mORF_-_4458550	4458550	4458624	-	5	75	ATG	TAG	0	0	
mORF_-_4458630	4458630	4458647	-	4	18	GTG	TAG	0	0	
mORF_-_4458658	4458658	4458816	-	5	159	ATG	TAA	0	0	
mORF_-_4458684	4458684	4458722	-	4	39	GTG	TAA	0	0	

mORF_-_4458729	4458729	4458755	-	4	27	GTG	TGA	0	0	
mORF_-_4458759	4458759	4458866	-	4	108	TTG	TGA	0	0	
mORF_-_4458829	4458829	4458906	-	5	78	TTG	TGA	0	0	
mORF_-_4458928	4458928	4458945	-	5	18	ATG	TGA	0	0	
mORF_-_4458982	4458982	4459293	-	5	312	GTG	TGA	0	0	
mORF_-_4459005	4459005	4459037	-	4	33	GTG	TGA	0	0	
mORF_-_4459044	4459044	4459094	-	4	51	GTG	TGA	0	0	
mORF_-_4459266	4459266	4459289	-	4	24	TTG	TGA	0	0	
mORF_-_4459357	4459357	4459437	-	5	81	TTG	TGA	0	0	
mORF_-_4459459	4459459	4459506	-	5	48	ATG	TGA	0	0	
mORF_-_4459503	4459503	4459514	-	4	12	GTG	TGA	0	0	
mORF_-_4459548	4459548	4459619	-	4	72	GTG	TAA	0	0	
mORF_-_4459669	4459669	4459689	-	5	21	TTG	TGA	0	0	
mORF_-_4459746	4459746	4459886	-	4	141	GTG	TAA	0	0	
mORF_-_4459768	4459768	4459806	-	5	39	TTG	TGA	0	0	
mORF_-_4459810	4459810	4459815	-	5	6	TTG	TAA	0	0	
mORF_-_4459849	4459849	4460049	-	5	201	TTG	TAA	0	0	
mORF_-_4459905	4459905	4459937	-	4	33	GTG	TAA	0	0	
mORF_-_4460062	4460062	4460100	-	5	39	TTG	TAA	0	0	
mORF_-_4460152	4460152	4460265	-	5	114	ATG	TGA	0	0	
mORF_-_4460311	4460311	4460376	-	5	66	GTG	TGA	0	0	
mORF_-_4460389	4460389	4460448	-	5	60	GTG	TGA	0	0	
mORF_-_4460476	4460476	4460607	-	5	132	GTG	TGA	0	0	
mORF_-_4460505	4460505	4460570	-	4	66	TTG	TGA	0	0	
mORF_-_4460637	4460637	4460717	-	4	81	GTG	TAA	0	0	
mORF_-_4460668	4460668	4460673	-	5	6	ATG	TGA	0	0	
mORF_-_4460680	4460680	4460694	-	5	15	ATG	TGA	0	0	
mORF_-_4460699	4460699	4460794	-	6	96	GTG	TAA	0	0	
mORF_-_4460710	4460710	4460796	-	5	87	TTG	TAA	0	0	
mORF_-_4460787	4460787	4460831	-	4	45	TTG	TAA	0	0	
mORF_-_4460832	4460832	4460870	-	4	39	ATG	TAA	0	0	
mORF_-_4460842	4460842	4460853	-	5	12	ATG	TAA	0	0	
mORF_-_4460872	4460872	4460901	-	5	30	TTG	TAA	0	0	
mORF_-_4460879	4460879	4460932	-	6	54	TTG	TAG	0	0	
mORF_-_4460929	4460929	4461105	-	5	177	TTG	TGA	0	0	
mORF_-_4461009	4461009	4461056	-	4	48	ATG	TGA	0	0	
mORF_-_4461066	4461066	4461092	-	4	27	GTG	TAA	0	0	
mORF_-_4461077	4461077	4462879	-	6	1803	TTG	TAA	5	0	pORF_-_4461077
mORF_-_4461118	4461118	4461126	-	5	9	GTG	TGA	0	0	
mORF_-_4461160	4461160	4461258	-	5	99	GTG	TGA	0	0	
mORF_-_4461216	4461216	4461254	-	4	39	ATG	TAG	0	0	
mORF_-_4461255	4461255	4461314	-	4	60	ATG	TGA	0	0	
mORF_-_4461346	4461346	4461381	-	5	36	ATG	TAA	0	0	
mORF_-_4461397	4461397	4461570	-	5	174	TTG	TAG	0	0	
mORF_-_4461417	4461417	4461437	-	4	21	GTG	TAA	0	0	
mORF_-_4461462	4461462	4461479	-	4	18	ATG	TAA	0	0	
mORF_-_4461628	4461628	4461783	-	5	156	ATG	TGA	0	0	
mORF_-_4461765	4461765	4461788	-	4	24	ATG	TAA	0	0	
mORF_-_4461832	4461832	4461876	-	5	45	GTG	TGA	0	0	
mORF_-_4461852	4461852	4461866	-	4	15	ATG	TAA	0	0	
mORF_-_4461913	4461913	4461927	-	5	15	GTG	TGA	0	0	
mORF_-_4461924	4461924	4461956	-	4	33	TTG	TGA	0	0	
mORF_-_4461934	4461934	4461984	-	5	51	GTG	TGA	0	0	
mORF_-_4461994	4461994	4462017	-	5	24	ATG	TAA	0	0	
mORF_-_4462126	4462126	4462176	-	5	51	GTG	TGA	0	0	
mORF_-_4462173	4462173	4462286	-	4	114	GTG	TGA	0	0	
mORF_-_4462186	4462186	4462341	-	5	156	ATG	TGA	0	0	
mORF_-_4462381	4462381	4462404	-	5	24	ATG	TGA	0	0	
mORF_-_4462471	4462471	4462515	-	5	45	TTG	TGA	0	0	
mORF_-_4462531	4462531	4462566	-	5	36	ATG	TAG	0	0	
mORF_-_4462576	4462576	4462635	-	5	60	GTG	TAA	0	0	
mORF_-_4462653	4462653	4462712	-	4	60	GTG	TAG	0	0	
mORF_-_4462732	4462732	4463004	-	5	273	GTG	TAA	0	0	

mORF_-_4462782	4462782	4464203	-	4	1422	ATG	TAA	2	0	pORF_-_4462782
mORF_-_4462928	4462928	4462942	-	6	15	ATG	TAG	0	0	
mORF_-_4462958	4462958	4462993	-	6	36	TTG	TGA	0	0	
mORF_-_4463024	4463024	4463104	-	6	81	ATG	TGA	0	0	
mORF_-_4463101	4463101	4463181	-	5	81	GTG	TGA	0	0	
mORF_-_4463135	4463135	4463170	-	6	36	TTG	TGA	0	0	
mORF_-_4463171	4463171	4463194	-	6	24	GTG	TGA	0	0	
mORF_-_4463207	4463207	4463245	-	6	39	GTG	TGA	0	0	
mORF_-_4463252	4463252	4463302	-	6	51	TTG	TGA	0	0	
mORF_-_4463315	4463315	4463350	-	6	36	TTG	TGA	0	0	
mORF_-_4463351	4463351	4463371	-	6	21	TTG	TGA	0	0	
mORF_-_4463372	4463372	4463380	-	6	9	ATG	TGA	0	0	
mORF_-_4463402	4463402	4463470	-	6	69	TTG	TGA	0	0	
mORF_-_4463467	4463467	4463679	-	5	213	TTG	TGA	0	0	
mORF_-_4463525	4463525	4463551	-	6	27	TTG	TAG	0	0	
mORF_-_4463618	4463618	4463638	-	6	21	TTG	TGA	0	0	
mORF_-_4463663	4463663	4463713	-	6	51	GTG	TGA	0	0	
mORF_-_4463710	4463710	4463724	-	5	15	GTG	TGA	0	0	
mORF_-_4463801	4463801	4463806	-	6	6	ATG	TGA	0	0	
mORF_-_4463882	4463882	4463893	-	6	12	ATG	TGA	0	0	
mORF_-_4463890	4463890	4463898	-	5	9	ATG	TGA	0	0	
mORF_-_4463924	4463924	4463965	-	6	42	TTG	TAA	0	0	
mORF_-_4463966	4463966	4464001	-	6	36	TTG	TGA	0	0	
mORF_-_4464002	4464002	4464025	-	6	24	ATG	TGA	0	0	
mORF_-_4464041	4464041	4464100	-	6	60	TTG	TGA	0	0	
mORF_-_4464125	4464125	4464163	-	6	39	TTG	TGA	0	0	
mORF_-_4464160	4464160	4464225	-	5	66	ATG	TGA	0	0	
mORF_-_4464262	4464262	4464300	-	5	39	GTG	TAA	0	0	
mORF_-_4464297	4464297	4464302	-	4	6	TTG	TGA	0	0	
mORF_-_4464311	4464311	4464394	-	6	84	TTG	TGA	0	0	
mORF_-_4464322	4464322	4465269	-	5	948	ATG	TGA	2	4	pORF_-_4464322
mORF_-_4464462	4464462	4464536	-	4	75	TTG	TAA	0	0	
mORF_-_4464524	4464524	4464559	-	6	36	GTG	TAA	0	0	
mORF_-_4464585	4464585	4464605	-	4	21	ATG	TGA	0	0	
mORF_-_4464615	4464615	4464641	-	4	27	TTG	TGA	0	0	
mORF_-_4464705	4464705	4464758	-	4	54	ATG	TGA	0	0	
mORF_-_4464771	4464771	4464830	-	4	60	GTG	TGA	0	0	
mORF_-_4464927	4464927	4464950	-	4	24	TTG	TGA	0	0	
mORF_-_4464978	4464978	4465133	-	4	156	ATG	TGA	0	0	
mORF_-_4465143	4465143	4465157	-	4	15	GTG	TGA	0	0	
mORF_-_4465293	4465293	4465331	-	4	39	TTG	TAA	0	0	
mORF_-_4465313	4465313	4465324	-	6	12	ATG	TAA	0	0	
mORF_-_4465375	4465375	4465386	-	5	12	ATG	TAA	0	0	
mORF_-_4465401	4465401	4465439	-	4	39	GTG	TAA	0	0	
mORF_-_4465450	4465450	4465611	-	5	162	ATG	TAA	0	0	
mORF_-_4465581	4465581	4465676	-	4	96	ATG	TGA	0	0	
mORF_-_4465624	4465624	4465683	-	5	60	ATG	TGA	0	0	
mORF_-_4465673	4465673	4465897	-	6	225	GTG	TGA	0	0	
mORF_-_4465684	4465684	4465704	-	5	21	ATG	TAA	0	0	
mORF_-_4465701	4465701	4465823	-	4	123	GTG	TGA	0	0	
mORF_-_4465759	4465759	4465827	-	5	69	ATG	TAA	0	0	
mORF_-_4465837	4465837	4465875	-	5	39	ATG	TAA	0	0	
mORF_-_4465888	4465888	4465923	-	5	36	ATG	TAA	0	0	
mORF_-_4465935	4465935	4465967	-	4	33	ATG	TAG	0	0	
mORF_-_4465983	4465983	4465991	-	4	9	GTG	TAA	0	0	
mORF_-_4466054	4466054	4466068	-	6	15	GTG	TAA	0	0	
mORF_-_4466058	4466058	4466144	-	4	87	TTG	TGA	0	0	
mORF_-_4466271	4466271	4466429	-	4	159	TTG	TGA	0	0	
mORF_-_4466281	4466281	4466496	-	5	216	TTG	TAA	0	0	
mORF_-_4466369	4466369	4466407	-	6	39	TTG	TAA	0	0	
mORF_-_4466490	4466490	4466567	-	4	78	TTG	TGA	0	0	
mORF_-_4466531	4466531	4466548	-	6	18	GTG	TAA	0	0	
mORF_-_4466571	4466571	4466714	-	4	144	TTG	TAA	0	0	

mORF_-_4466629	4466629	4466871	-	5	243	ATG	TAG	0	0	
mORF_-_4466726	4466726	4466746	-	6	21	TTG	TAG	0	0	
mORF_-_4466730	4466730	4466777	-	4	48	GTG	TGA	0	0	
mORF_-_4466885	4466885	4467058	-	6	174	ATG	TAA	0	0	
mORF_-_4466932	4466932	4467096	-	5	165	GTG	TGA	0	0	
mORF_-_4467036	4467036	4467074	-	4	39	TTG	TGA	0	0	
mORF_-_4467093	4467093	4467128	-	4	36	ATG	TGA	0	0	
mORF_-_4467149	4467149	4467319	-	6	171	ATG	TAA	0	0	
mORF_-_4467225	4467225	4467746	-	4	522	TTG	TAA	0	0	
mORF_-_4467367	4467367	4467390	-	5	24	ATG	TAA	0	0	
mORF_-_4467419	4467419	4467472	-	6	54	GTG	TGA	0	0	
mORF_-_4467442	4467442	4467510	-	5	69	ATG	TAG	0	0	
mORF_-_4467529	4467529	4467549	-	5	21	ATG	TAA	0	0	
mORF_-_4467829	4467829	4467834	-	5	6	GTG	TAA	0	0	
mORF_-_4467839	4467839	4467868	-	6	30	GTG	TAA	0	0	
mORF_-_4467865	4467865	4468044	-	5	180	TTG	TGA	0	0	
mORF_-_4467909	4467909	4468115	-	4	207	GTG	TGA	0	0	
mORF_-_4468078	4468078	4468104	-	5	27	ATG	TAA	0	0	
mORF_-_4468130	4468130	4468147	-	6	18	ATG	TAA	0	0	
mORF_-_4468134	4468134	4468166	-	4	33	ATG	TGA	0	0	
mORF_-_4468163	4468163	4468360	-	6	198	GTG	TGA	0	0	
mORF_-_4468207	4468207	4468230	-	5	24	TTG	TGA	0	0	
mORF_-_4468294	4468294	4468341	-	5	48	TTG	TAA	0	0	
mORF_-_4468329	4468329	4468403	-	4	75	ATG	TAA	0	0	
mORF_-_4468373	4468373	4468387	-	6	15	TTG	TGA	0	0	
mORF_-_4468425	4468425	4468547	-	4	123	TTG	TAA	0	0	
mORF_-_4468442	4468442	4468486	-	6	45	ATG	TGA	0	0	
mORF_-_4468486	4468486	4468581	-	5	96	TTG	TGA	0	0	
mORF_-_4468550	4468550	4469008	-	6	459	TTG	TAA	42	1609	pORF_-_4468550
mORF_-_4468585	4468585	4468614	-	5	30	TTG	TGA	0	0	
mORF_-_4468611	4468611	4468619	-	4	9	TTG	TGA	0	0	
mORF_-_4468702	4468702	4468707	-	5	6	TTG	TAA	0	0	
mORF_-_4468858	4468858	4468911	-	5	54	ATG	TGA	0	0	
mORF_-_4468996	4468996	4469241	-	5	246	ATG	TAA	0	0	
mORF_-_4469009	4469009	4469470	-	6	462	ATG	TAA	64	1678	pORF_-_4469009
mORF_-_4469046	4469046	4469060	-	4	15	ATG	TGA	0	0	
mORF_-_4469257	4469257	4469271	-	5	15	GTG	TAG	0	0	
mORF_-_4469332	4469332	4469340	-	5	9	TTG	TGA	0	0	
mORF_-_4469380	4469380	4469418	-	5	39	TTG	TGA	0	0	
mORF_-_4469419	4469419	4469445	-	5	27	TTG	TAA	0	0	
mORF_-_4469483	4469483	4470418	-	6	936	ATG	TAA	136	4514	pORF_-_4469483
mORF_-_4469503	4469503	4469610	-	5	108	GTG	TGA	0	0	
mORF_-_4469632	4469632	4469676	-	5	45	TTG	TGA	0	0	
mORF_-_4469761	4469761	4469808	-	5	48	ATG	TGA	0	0	
mORF_-_4469769	4469769	4469792	-	4	24	ATG	TGA	0	0	
mORF_-_4469899	4469899	4469922	-	5	24	ATG	TGA	0	0	
mORF_-_4469926	4469926	4470039	-	5	114	ATG	TGA	0	0	
mORF_-_4470040	4470040	4470087	-	5	48	GTG	TGA	0	0	
mORF_-_4470109	4470109	4470285	-	5	177	TTG	TAG	0	0	
mORF_-_4470325	4470325	4470363	-	5	39	ATG	TGA	0	0	
mORF_-_4470411	4470411	4470560	-	4	150	ATG	TAA	0	0	
mORF_-_4470422	4470422	4470622	-	6	201	TTG	TAA	0	0	
mORF_-_4470517	4470517	4470546	-	5	30	GTG	TGA	0	0	
mORF_-_4470595	4470595	4470732	-	5	138	ATG	TGA	0	0	
mORF_-_4470630	4470630	4470638	-	4	9	TTG	TGA	0	0	
mORF_-_4470660	4470660	4470764	-	4	105	TTG	TGA	0	0	
mORF_-_4470716	4470716	4470790	-	6	75	ATG	TGA	0	0	
mORF_-_4470765	4470765	4470830	-	4	66	GTG	TGA	0	0	
mORF_-_4470778	4470778	4470786	-	5	9	ATG	TAA	0	0	
mORF_-_4470837	4470837	4471232	-	4	396	ATG	TAA	0	0	
mORF_-_4470860	4470860	4470946	-	6	87	ATG	TGA	0	0	
mORF_-_4470877	4470877	4470894	-	5	18	ATG	TGA	0	0	
mORF_-_4470956	4470956	4471063	-	6	108	TTG	TGA	0	0	

mORF_-_4471018	4471018	4471029	-	5	12	ATG	TGA	0	0
mORF_-_4471121	4471121	4471186	-	6	66	ATG	TAG	0	0
mORF_-_4471226	4471226	4471246	-	6	21	TTG	TAG	0	0
mORF_-_4471250	4471250	4471258	-	6	9	ATG	TAA	0	0
mORF_-_4471276	4471276	4471329	-	5	54	ATG	TAA	0	0
mORF_-_4471292	4471292	4471315	-	6	24	TTG	TAA	0	0
mORF_-_4471326	4471326	4471409	-	4	84	TTG	TGA	0	0
mORF_-_4471363	4471363	4472154	-	5	792	GTG	TAA	0	0
mORF_-_4471382	4471382	4471435	-	6	54	ATG	TGA	0	0
mORF_-_4471428	4471428	4471469	-	4	42	ATG	TAG	0	0
mORF_-_4471485	4471485	4471676	-	4	192	ATG	TGA	0	0
mORF_-_4471692	4471692	4471793	-	4	102	ATG	TAA	0	0
mORF_-_4471794	4471794	4471832	-	4	39	ATG	TAA	0	0
mORF_-_4471833	4471833	4472039	-	4	207	GTG	TAA	0	0
mORF_-_4472057	4472057	4472104	-	6	48	ATG	TAA	0	0
mORF_-_4472094	4472094	4472108	-	4	15	ATG	TAA	0	0
mORF_-_4472108	4472108	4472113	-	6	6	TTG	TAA	0	0
mORF_-_4472121	4472121	4472135	-	4	15	TTG	TAA	0	0
mORF_-_4472132	4472132	4472239	-	6	108	TTG	TGA	0	0
mORF_-_4472154	4472154	4472222	-	4	69	TTG	TAG	0	0
mORF_-_4472305	4472305	4472352	-	5	48	TTG	TAG	0	0
mORF_-_4472373	4472373	4472606	-	4	234	GTG	TAG	0	0
mORF_-_4472435	4472435	4472797	-	6	363	TTG	TAA	0	0
mORF_-_4472548	4472548	4472568	-	5	21	ATG	TGA	0	0
mORF_-_4472575	4472575	4472805	-	5	231	GTG	TAG	0	0
mORF_-_4472622	4472622	4472660	-	4	39	GTG	TAA	0	0
mORF_-_4472673	4472673	4472702	-	4	30	TTG	TAG	0	0
mORF_-_4472828	4472828	4472905	-	6	78	ATG	TAA	0	0
mORF_-_4472869	4472869	4472892	-	5	24	ATG	TAA	0	0
mORF_-_4472911	4472911	4473009	-	5	99	TTG	TGA	0	0
mORF_-_4472933	4472933	4473076	-	6	144	ATG	TAA	0	0
mORF_-_4472955	4472955	4472963	-	4	9	GTG	TGA	0	0
mORF_-_4472967	4472967	4472984	-	4	18	TTG	TAA	0	0
mORF_-_4473082	4473082	4473093	-	5	12	ATG	TAG	0	0
mORF_-_4473104	4473104	4473139	-	6	36	TTG	TAA	0	0
mORF_-_4473112	4473112	4473183	-	5	72	ATG	TGA	0	0
mORF_-_4473129	4473129	4473188	-	4	60	ATG	TGA	0	0
mORF_-_4473219	4473219	4473362	-	4	144	TTG	TAA	0	0
mORF_-_4473224	4473224	4473268	-	6	45	ATG	TAG	0	0
mORF_-_4473250	4473250	4473309	-	5	60	TTG	TAA	0	0
mORF_-_4473428	4473428	4473445	-	6	18	GTG	TAA	0	0
mORF_-_4473438	4473438	4473467	-	4	30	TTG	TAA	0	0
mORF_-_4473478	4473478	4473495	-	5	18	GTG	TAA	0	0
mORF_-_4473489	4473489	4473512	-	4	24	TTG	TGA	0	0
mORF_-_4473497	4473497	4473502	-	6	6	ATG	TAA	0	0
mORF_-_4473502	4473502	4473522	-	5	21	TTG	TAA	0	0
mORF_-_4473515	4473515	4473640	-	6	126	TTG	TAA	0	0
mORF_-_4473625	4473625	4473711	-	5	87	ATG	TAA	0	0
mORF_-_4473657	4473657	4473683	-	4	27	TTG	TAA	0	0
mORF_-_4473713	4473713	4473724	-	6	12	ATG	TAA	0	0
mORF_-_4473726	4473726	4473749	-	4	24	TTG	TAA	0	0
mORF_-_4473740	4473740	4473802	-	6	63	GTG	TAG	0	0
mORF_-_4473765	4473765	4473839	-	4	75	GTG	TAA	0	0
mORF_-_4473812	4473812	4473826	-	6	15	GTG	TAA	0	0
mORF_-_4473823	4473823	4473885	-	5	63	TTG	TGA	0	0
mORF_-_4473855	4473855	4473872	-	4	18	ATG	TGA	0	0
mORF_-_4473872	4473872	4473883	-	6	12	GTG	TAA	0	0
mORF_-_4473899	4473899	4473946	-	6	48	ATG	TAG	0	0
mORF_-_4473906	4473906	4473965	-	4	60	TTG	TAA	0	0
mORF_-_4473946	4473946	4473984	-	5	39	TTG	TAA	0	0
mORF_-_4473978	4473978	4473998	-	4	21	TTG	TAA	0	0
mORF_-_4473992	4473992	4474189	-	6	198	GTG	TAG	0	0
mORF_-_4474277	4474277	4474426	-	6	150	ATG	TAA	0	0

mORF_-_4474315	4474315	4474335	-	5	21	ATG	TAA	0	0	
mORF_-_4474342	4474342	4474353	-	5	12	ATG	TAA	0	0	
mORF_-_4474426	4474426	4474500	-	5	75	ATG	TAA	0	0	
mORF_-_4474434	4474434	4474484	-	4	51	TTG	TGA	0	0	
mORF_-_4474497	4474497	4474631	-	4	135	ATG	TGA	0	0	
mORF_-_4474505	4474505	4474528	-	6	24	TTG	TAA	0	0	
mORF_-_4474538	4474538	4474543	-	6	6	GTG	TAA	0	0	
mORF_-_4474547	4474547	4474585	-	6	39	ATG	TGA	0	0	
mORF_-_4474573	4474573	4474686	-	5	114	ATG	TGA	0	0	
mORF_-_4474649	4474649	4474669	-	6	21	ATG	TAG	0	0	
mORF_-_4474704	4474704	4474736	-	4	33	TTG	TGA	0	0	
mORF_-_4474709	4474709	4474726	-	6	18	ATG	TAG	0	0	
mORF_-_4474752	4474752	4474904	-	4	153	ATG	TAG	0	0	
mORF_-_4474817	4474817	4474843	-	6	27	TTG	TAA	0	0	
mORF_-_4474846	4474846	4474854	-	5	9	TTG	TAA	0	0	
mORF_-_4475032	4475032	4475154	-	5	123	TTG	TAA	0	0	
mORF_-_4475076	4475076	4475312	-	4	237	ATG	TGA	0	0	
mORF_-_4475162	4475162	4475176	-	6	15	ATG	TAA	0	0	
mORF_-_4475180	4475180	4475233	-	6	54	TTG	TAA	0	0	
mORF_-_4475221	4475221	4475241	-	5	21	GTG	TAA	0	0	
mORF_-_4475264	4475264	4475272	-	6	9	ATG	TGA	0	0	
mORF_-_4475315	4475315	4475329	-	6	15	TTG	TAA	0	0	
mORF_-_4475330	4475330	4476334	-	6	1005	ATG	TAA	61	1558	pORF_-_4475330
mORF_-_4475353	4475353	4475499	-	5	147	ATG	TGA	0	0	
mORF_-_4475566	4475566	4475682	-	5	117	ATG	TGA	0	0	
mORF_-_4475577	4475577	4475636	-	4	60	GTG	TGA	0	0	
mORF_-_4475685	4475685	4475762	-	4	78	GTG	TGA	0	0	
mORF_-_4475689	4475689	4475853	-	5	165	ATG	TGA	0	0	
mORF_-_4475863	4475863	4475943	-	5	81	ATG	TGA	0	0	
mORF_-_4475940	4475940	4475960	-	4	21	ATG	TGA	0	0	
mORF_-_4475947	4475947	4476141	-	5	195	TTG	TGA	0	0	
mORF_-_4476129	4476129	4476155	-	4	27	ATG	TGA	0	0	
mORF_-_4476350	4476350	4476538	-	6	189	GTG	TAG	0	0	
mORF_-_4476406	4476406	4476414	-	5	9	ATG	TAG	0	0	
mORF_-_4476424	4476424	4476513	-	5	90	TTG	TGA	0	0	
mORF_-_4476480	4476480	4476596	-	4	117	ATG	TAA	0	0	
mORF_-_4476556	4476556	4476909	-	5	354	GTG	TAA	0	0	
mORF_-_4476666	4476666	4476833	-	4	168	GTG	TAA	0	0	
mORF_-_4476848	4476848	4476979	-	6	132	ATG	TAG	0	0	
mORF_-_4476913	4476913	4476927	-	5	15	ATG	TAA	0	0	
mORF_-_4476927	4476927	4477154	-	4	228	TTG	TGA	0	0	
mORF_-_4476980	4476980	4477003	-	6	24	TTG	TGA	0	0	
mORF_-_4476985	4476985	4476990	-	5	6	ATG	TGA	0	0	
mORF_-_4477015	4477015	4477044	-	5	30	GTG	TAA	0	0	
mORF_-_4477057	4477057	4477560	-	5	504	ATG	TAA	5	15	pORF_-_4477057
mORF_-_4477082	4477082	4477087	-	6	6	TTG	TGA	0	0	
mORF_-_4477142	4477142	4477300	-	6	159	TTG	TGA	0	0	
mORF_-_4477230	4477230	4477313	-	4	84	GTG	TAA	0	0	
mORF_-_4477329	4477329	4477418	-	4	90	TTG	TAG	0	0	
mORF_-_4477364	4477364	4477375	-	6	12	TTG	TGA	0	0	
mORF_-_4477530	4477530	4477550	-	4	21	TTG	TAA	0	0	
mORF_-_4477553	4477553	4477594	-	6	42	ATG	TAA	0	0	
mORF_-_4477564	4477564	4477608	-	5	45	GTG	TAA	0	0	
mORF_-_4477616	4477616	4477696	-	6	81	ATG	TAA	0	0	
mORF_-_4477718	4477718	4477726	-	6	9	TTG	TAA	0	0	
mORF_-_4477735	4477735	4477806	-	5	72	ATG	TAA	0	0	
mORF_-_4477859	4477859	4477891	-	6	33	ATG	TAA	0	0	
mORF_-_4477891	4477891	4477941	-	5	51	TTG	TAA	0	0	
mORF_-_4477979	4477979	4478014	-	6	36	TTG	TAA	0	0	
mORF_-_4478068	4478068	4478115	-	5	48	ATG	TAA	0	0	
mORF_-_4478090	4478090	4478101	-	6	12	TTG	TAA	0	0	
mORF_-_4478115	4478115	4478444	-	4	330	ATG	TGA	0	0	
mORF_-_4478237	4478237	4478272	-	6	36	TTG	TAA	0	0	

mORF_-_4478282	4478282	4478305	-	6	24	TTG	TAA	0	0	
mORF_-_4478344	4478344	4478397	-	5	54	ATG	TAA	0	0	
mORF_-_4478420	4478420	4478452	-	6	33	ATG	TAG	0	0	
mORF_-_4478461	4478461	4478505	-	5	45	TTG	TAA	0	0	
mORF_-_4478492	4478492	4478539	-	6	48	TTG	TAA	0	0	
mORF_-_4478502	4478502	4478549	-	4	48	ATG	TGA	0	0	
mORF_-_4478557	4478557	4478580	-	5	24	TTG	TAA	0	0	
mORF_-_4478610	4478610	4478633	-	4	24	GTG	TAA	0	0	
mORF_-_4478627	4478627	4478635	-	6	9	TTG	TAA	0	0	
mORF_-_4478637	4478637	4478675	-	4	39	TTG	TAA	0	0	
mORF_-_4478641	4478641	4478664	-	5	24	ATG	TAA	0	0	
mORF_-_4478666	4478666	4478683	-	6	18	GTG	TAA	0	0	
mORF_-_4478716	4478716	4478727	-	5	12	GTG	TAA	0	0	
mORF_-_4478736	4478736	4478744	-	4	9	ATG	TAA	0	0	
mORF_-_4478771	4478771	4478827	-	6	57	TTG	TAA	0	0	
mORF_-_4478787	4478787	4478873	-	4	87	TTG	TAA	0	0	
mORF_-_4478866	4478866	4478886	-	5	21	TTG	TAA	0	0	
mORF_-_4478870	4478870	4478917	-	6	48	GTG	TGA	0	0	
mORF_-_4478924	4478924	4478971	-	6	48	ATG	TAA	0	0	
mORF_-_4478935	4478935	4479036	-	5	102	TTG	TAA	0	0	
mORF_-_4479005	4479005	4481860	-	6	2856	ATG	TAA	170	1454	pORF_-_4479005
mORF_-_4479037	4479037	4479201	-	5	165	ATG	TGA	0	0	
mORF_-_4479232	4479232	4479348	-	5	117	ATG	TGA	0	0	
mORF_-_4479345	4479345	4479377	-	4	33	TTG	TGA	0	0	
mORF_-_4479349	4479349	4479381	-	5	33	GTG	TAA	0	0	
mORF_-_4479418	4479418	4479447	-	5	30	TTG	TGA	0	0	
mORF_-_4479435	4479435	4479467	-	4	33	ATG	TAA	0	0	
mORF_-_4479460	4479460	4479507	-	5	48	ATG	TGA	0	0	
mORF_-_4479492	4479492	4479557	-	4	66	TTG	TGA	0	0	
mORF_-_4479565	4479565	4479570	-	5	6	GTG	TGA	0	0	
mORF_-_4479640	4479640	4479684	-	5	45	GTG	TGA	0	0	
mORF_-_4479703	4479703	4479747	-	5	45	ATG	TGA	0	0	
mORF_-_4479744	4479744	4479926	-	4	183	GTG	TGA	0	0	
mORF_-_4479901	4479901	4479909	-	5	9	TTG	TGA	0	0	
mORF_-_4479964	4479964	4480044	-	5	81	TTG	TGA	0	0	
mORF_-_4480105	4480105	4480218	-	5	114	GTG	TGA	0	0	
mORF_-_4480231	4480231	4480275	-	5	45	ATG	TGA	0	0	
mORF_-_4480272	4480272	4480418	-	4	147	GTG	TGA	0	0	
mORF_-_4480303	4480303	4480314	-	5	12	TTG	TGA	0	0	
mORF_-_4480348	4480348	4480707	-	5	360	GTG	TGA	0	0	
mORF_-_4480542	4480542	4480592	-	4	51	GTG	TGA	0	0	
mORF_-_4480677	4480677	4480718	-	4	42	GTG	TGA	0	0	
mORF_-_4480744	4480744	4480755	-	5	12	GTG	TAG	0	0	
mORF_-_4480774	4480774	4480953	-	5	180	TTG	TGA	0	0	
mORF_-_4480969	4480969	4481001	-	5	33	ATG	TGA	0	0	
mORF_-_4481032	4481032	4481124	-	5	93	TTG	TGA	0	0	
mORF_-_4481161	4481161	4481241	-	5	81	GTG	TAG	0	0	
mORF_-_4481244	4481244	4481270	-	4	27	GTG	TGA	0	0	
mORF_-_4481341	4481341	4481358	-	5	18	GTG	TAA	0	0	
mORF_-_4481401	4481401	4481592	-	5	192	TTG	TGA	0	0	
mORF_-_4481439	4481439	4481513	-	4	75	ATG	TGA	0	0	
mORF_-_4481622	4481622	4481639	-	4	18	GTG	TGA	0	0	
mORF_-_4481746	4481746	4481781	-	5	36	ATG	TGA	0	0	
mORF_-_4481860	4481860	4482303	-	5	444	ATG	TAA	3	49	pORF_-_4481860
mORF_-_4481934	4481934	4481948	-	4	15	ATG	TGA	0	0	
mORF_-_4481961	4481961	4481996	-	4	36	TTG	TAG	0	0	
mORF_-_4482015	4482015	4482074	-	4	60	GTG	TGA	0	0	
mORF_-_4482096	4482096	4482242	-	4	147	TTG	TAG	0	0	
mORF_-_4482101	4482101	4482136	-	6	36	GTG	TAA	0	0	
mORF_-_4482194	4482194	4482208	-	6	15	TTG	TAA	0	0	
mORF_-_4482224	4482224	4482229	-	6	6	GTG	TGA	0	0	
mORF_-_4482249	4482249	4482272	-	4	24	ATG	TAA	0	0	
mORF_-_4482327	4482327	4482338	-	4	12	ATG	TAA	0	0	

mORF_-_4482338	4482338	4482427	-	6	90	GTG	TGA	0	0	
mORF_-_4482396	4482396	4482434	-	4	39	ATG	TGA	0	0	
mORF_-_4482424	4482424	4482462	-	5	39	TTG	TGA	0	0	
mORF_-_4482463	4482463	4483974	-	5	1512	ATG	TAA	58	482	pORF_-_4482463
mORF_-_4482516	4482516	4482755	-	4	240	TTG	TAG	0	0	
mORF_-_4482596	4482596	4482622	-	6	27	TTG	TAA	0	0	
mORF_-_4482704	4482704	4482724	-	6	21	ATG	TGA	0	0	
mORF_-_4482756	4482756	4482764	-	4	9	ATG	TGA	0	0	
mORF_-_4482819	4482819	4482830	-	4	12	GTG	TGA	0	0	
mORF_-_4482834	4482834	4482851	-	4	18	TTG	TGA	0	0	
mORF_-_4482852	4482852	4482878	-	4	27	TTG	TGA	0	0	
mORF_-_4482875	4482875	4482898	-	6	24	GTG	TGA	0	0	
mORF_-_4482927	4482927	4482938	-	4	12	TTG	TGA	0	0	
mORF_-_4482960	4482960	4482968	-	4	9	ATG	TAA	0	0	
mORF_-_4483031	4483031	4483093	-	6	63	GTG	TAA	0	0	
mORF_-_4483065	4483065	4483088	-	4	24	GTG	TGA	0	0	
mORF_-_4483104	4483104	4483112	-	4	9	ATG	TGA	0	0	
mORF_-_4483158	4483158	4483220	-	4	63	TTG	TAA	0	0	
mORF_-_4483290	4483290	4483466	-	4	177	GTG	TGA	0	0	
mORF_-_4483473	4483473	4483481	-	4	9	GTG	TGA	0	0	
mORF_-_4483638	4483638	4483673	-	4	36	ATG	TGA	0	0	
mORF_-_4483674	4483674	4483931	-	4	258	GTG	TGA	0	0	
mORF_-_4483727	4483727	4483744	-	6	18	TTG	TGA	0	0	
mORF_-_4483959	4483959	4483964	-	4	6	GTG	TAA	0	0	
mORF_-_4483964	4483964	4484002	-	6	39	TTG	TAG	0	0	
mORF_-_4484012	4484012	4484044	-	6	33	ATG	TAG	0	0	
mORF_-_4484084	4484084	4484098	-	6	15	GTG	TAA	0	0	
mORF_-_4484100	4484100	4484108	-	4	9	TTG	TGA	0	0	
mORF_-_4484138	4484138	4484302	-	6	165	ATG	TAA	0	0	
mORF_-_4484143	4484143	4484166	-	5	24	TTG	TAA	0	0	
mORF_-_4484182	4484182	4484190	-	5	9	ATG	TAA	0	0	
mORF_-_4484199	4484199	4484327	-	4	129	TTG	TAG	0	0	
mORF_-_4484324	4484324	4484566	-	6	243	GTG	TGA	0	0	
mORF_-_4484425	4484425	4484436	-	5	12	ATG	TAA	0	0	
mORF_-_4484436	4484436	4484507	-	4	72	ATG	TAA	0	0	
mORF_-_4484494	4484494	4484547	-	5	54	TTG	TAA	0	0	
mORF_-_4484563	4484563	4484571	-	5	9	TTG	TGA	0	0	
mORF_-_4484584	4484584	4484613	-	5	30	ATG	TAA	0	0	
mORF_-_4484610	4484610	4484621	-	4	12	ATG	TGA	0	0	
mORF_-_4484621	4484621	4484911	-	6	291	ATG	TGA	0	0	
mORF_-_4484634	4484634	4484822	-	4	189	ATG	TAA	0	0	
mORF_-_4484746	4484746	4484790	-	5	45	GTG	TGA	0	0	
mORF_-_4484860	4484860	4484892	-	5	33	ATG	TGA	0	0	
mORF_-_4484895	4484895	4484948	-	4	54	GTG	TAA	0	0	
mORF_-_4484930	4484930	4484941	-	6	12	ATG	TGA	0	0	
mORF_-_4484938	4484938	4485000	-	5	63	ATG	TGA	0	0	
mORF_-_4484945	4484945	4485064	-	6	120	GTG	TGA	0	0	
mORF_-_4485070	4485070	4485081	-	5	12	GTG	TAA	0	0	
mORF_-_4485106	4485106	4485114	-	5	9	GTG	TAA	0	0	
mORF_-_4485116	4485116	4485148	-	6	33	ATG	TGA	0	0	
mORF_-_4485251	4485251	4485346	-	6	96	TTG	TAA	0	0	
mORF_-_4485367	4485367	4485441	-	5	75	TTG	TAG	0	0	
mORF_-_4485396	4485396	4485407	-	4	12	GTG	TGA	0	0	
mORF_-_4485478	4485478	4485672	-	5	195	ATG	TAA	1	0	pORF_-_4485478
mORF_-_4485488	4485488	4485790	-	6	303	TTG	TAA	0	0	
mORF_-_4485742	4485742	4485816	-	5	75	TTG	TAG	0	0	
mORF_-_4485823	4485823	4485870	-	5	48	ATG	TAG	0	0	
mORF_-_4485854	4485854	4486105	-	6	252	GTG	TAA	0	0	
mORF_-_4485910	4485910	4486107	-	5	198	TTG	TAG	0	0	
mORF_-_4486041	4486041	4486085	-	4	45	GTG	TGA	0	0	
mORF_-_4486153	4486153	4486272	-	5	120	GTG	TGA	0	0	
mORF_-_4486224	4486224	4486238	-	4	15	GTG	TGA	0	0	
mORF_-_4486336	4486336	4486473	-	5	138	TTG	TAA	0	0	

mORF_-_4486353	4486353	4486373	-	4	21	TTG	TGA	0	0	
mORF_-_4486406	4486406	4486630	-	6	225	TTG	TAA	0	0	
mORF_-_4486503	4486503	4486571	-	4	69	TTG	TAA	0	0	
mORF_-_4486584	4486584	4488086	-	4	1503	ATG	TAA	26	97	pORF_-_4486584
mORF_-_4486640	4486640	4486684	-	6	45	ATG	TGA	0	0	
mORF_-_4486730	4486730	4486753	-	6	24	ATG	TGA	0	0	
mORF_-_4486760	4486760	4486873	-	6	114	ATG	TAG	0	0	
mORF_-_4486892	4486892	4486909	-	6	18	ATG	TGA	0	0	
mORF_-_4486906	4486906	4486938	-	5	33	TTG	TGA	0	0	
mORF_-_4486946	4486946	4486987	-	6	42	ATG	TGA	0	0	
mORF_-_4487000	4487000	4487047	-	6	48	TTG	TGA	0	0	
mORF_-_4487084	4487084	4487158	-	6	75	ATG	TGA	0	0	
mORF_-_4487228	4487228	4487668	-	6	441	TTG	TGA	0	0	
mORF_-_4487344	4487344	4487367	-	5	24	GTG	TGA	0	0	
mORF_-_4487662	4487662	4487796	-	5	135	GTG	TGA	0	0	
mORF_-_4487684	4487684	4487704	-	6	21	ATG	TGA	0	0	
mORF_-_4487714	4487714	4487830	-	6	117	ATG	TGA	0	0	
mORF_-_4487909	4487909	4487914	-	6	6	ATG	TGA	0	0	
mORF_-_4488005	4488005	4488067	-	6	63	TTG	TGA	0	0	
mORF_-_4488068	4488068	4488082	-	6	15	GTG	TAA	0	0	
mORF_-_4488079	4488079	4488204	-	5	126	TTG	TGA	0	0	
mORF_-_4488083	4488083	4488133	-	6	51	TTG	TGA	0	0	
mORF_-_4488164	4488164	4489192	-	6	1029	TTG	TAG	1	4	pORF_-_4488164
mORF_-_4488241	4488241	4488276	-	5	36	TTG	TGA	0	0	
mORF_-_4488273	4488273	4488389	-	4	117	GTG	TGA	0	0	
mORF_-_4488310	4488310	4488435	-	5	126	GTG	TGA	0	0	
mORF_-_4488417	4488417	4488428	-	4	12	TTG	TGA	0	0	
mORF_-_4488439	4488439	4488468	-	5	30	GTG	TAG	0	0	
mORF_-_4488534	4488534	4488557	-	4	24	TTG	TAA	0	0	
mORF_-_4488544	4488544	4488714	-	5	171	ATG	TGA	0	0	
mORF_-_4488588	4488588	4488647	-	4	60	GTG	TGA	0	0	
mORF_-_4488757	4488757	4488804	-	5	48	TTG	TGA	0	0	
mORF_-_4488826	4488826	4488870	-	5	45	TTG	TGA	0	0	
mORF_-_4488955	4488955	4488984	-	5	30	ATG	TGA	0	0	
mORF_-_4489206	4489206	4489214	-	4	9	GTG	TAG	0	0	
mORF_-_4489211	4489211	4489216	-	6	6	TTG	TGA	0	0	
mORF_-_4489229	4489229	4490548	-	6	1320	ATG	TGA	0	0	
mORF_-_4489294	4489294	4489323	-	5	30	TTG	TGA	0	0	
mORF_-_4489344	4489344	4489532	-	4	189	GTG	TAA	0	0	
mORF_-_4489384	4489384	4489398	-	5	15	GTG	TGA	0	0	
mORF_-_4489414	4489414	4489521	-	5	108	TTG	TAA	0	0	
mORF_-_4489564	4489564	4489590	-	5	27	GTG	TAA	0	0	
mORF_-_4489600	4489600	4489644	-	5	45	TTG	TAG	0	0	
mORF_-_4489660	4489660	4489824	-	5	165	GTG	TAG	0	0	
mORF_-_4489821	4489821	4489826	-	4	6	TTG	TGA	0	0	
mORF_-_4489858	4489858	4489950	-	5	93	TTG	TGA	0	0	
mORF_-_4489957	4489957	4490049	-	5	93	TTG	TAA	0	0	
mORF_-_4490116	4490116	4490136	-	5	21	ATG	TAG	0	0	
mORF_-_4490161	4490161	4490229	-	5	69	TTG	TAG	0	0	
mORF_-_4490205	4490205	4490255	-	4	51	ATG	TGA	0	0	
mORF_-_4490245	4490245	4490283	-	5	39	TTG	TAG	0	0	
mORF_-_4490284	4490284	4490313	-	5	30	GTG	TGA	0	0	
mORF_-_4490359	4490359	4490439	-	5	81	TTG	TGA	0	0	
mORF_-_4490455	4490455	4490472	-	5	18	TTG	TAG	0	0	
mORF_-_4490487	4490487	4490597	-	4	111	GTG	TAA	0	0	
mORF_-_4490500	4490500	4490532	-	5	33	TTG	TGA	0	0	
mORF_-_4490610	4490610	4491374	-	4	765	ATG	TAA	1	0	pORF_-_4490610
mORF_-_4490621	4490621	4490641	-	6	21	TTG	TAG	0	0	
mORF_-_4490657	4490657	4490701	-	6	45	TTG	TAA	0	0	
mORF_-_4490665	4490665	4490748	-	5	84	GTG	TGA	0	0	
mORF_-_4490702	4490702	4490776	-	6	75	TTG	TGA	0	0	
mORF_-_4490785	4490785	4490859	-	5	75	GTG	TAA	0	0	
mORF_-_4490789	4490789	4490818	-	6	30	TTG	TGA	0	0	

mORF_-_4490879	4490879	4490977	-	6	99	TTG	TAA	0	0	
mORF_-_4490917	4490917	4490946	-	5	30	TTG	TGA	0	0	
mORF_-_4491035	4491035	4491043	-	6	9	ATG	TGA	0	0	
mORF_-_4491040	4491040	4491048	-	5	9	GTG	TGA	0	0	
mORF_-_4491101	4491101	4491193	-	6	93	TTG	TGA	0	0	
mORF_-_4491224	4491224	4491259	-	6	36	ATG	TAG	0	0	
mORF_-_4491266	4491266	4491313	-	6	48	TTG	TAA	0	0	
mORF_-_4491391	4491391	4491486	-	5	96	GTG	TAA	0	0	
mORF_-_4491398	4491398	4492429	-	6	1032	ATG	TAA	0	0	
mORF_-_4491480	4491480	4491527	-	4	48	ATG	TGA	0	0	
mORF_-_4491487	4491487	4491591	-	5	105	TTG	TGA	0	0	
mORF_-_4491646	4491646	4491660	-	5	15	GTG	TAA	0	0	
mORF_-_4491682	4491682	4491720	-	5	39	ATG	TGA	0	0	
mORF_-_4491772	4491772	4491783	-	5	12	ATG	TAA	0	0	
mORF_-_4491823	4491823	4491840	-	5	18	TTG	TGA	0	0	
mORF_-_4491862	4491862	4491876	-	5	15	TTG	TGA	0	0	
mORF_-_4491877	4491877	4491951	-	5	75	ATG	TGA	0	0	
mORF_-_4491964	4491964	4492131	-	5	168	TTG	TAG	0	0	
mORF_-_4491996	4491996	4492022	-	4	27	ATG	TGA	0	0	
mORF_-_4492062	4492062	4492112	-	4	51	GTG	TGA	0	0	
mORF_-_4492128	4492128	4492154	-	4	27	GTG	TGA	0	0	
mORF_-_4492174	4492174	4492236	-	5	63	ATG	TAG	0	0	
mORF_-_4492269	4492269	4492313	-	4	45	TTG	TAA	0	0	
mORF_-_4492273	4492273	4492320	-	5	48	GTG	TAG	0	0	
mORF_-_4492336	4492336	4492347	-	5	12	ATG	TAG	0	0	
mORF_-_4492350	4492350	4492358	-	4	9	TTG	TAA	0	0	
mORF_-_4492360	4492360	4492404	-	5	45	TTG	TAG	0	0	
mORF_-_4492420	4492420	4492440	-	5	21	GTG	TGA	0	0	
mORF_-_4492437	4492437	4492466	-	4	30	ATG	TGA	0	0	
mORF_-_4492444	4492444	4492455	-	5	12	GTG	TGA	0	0	
mORF_-_4492467	4492467	4492487	-	4	21	ATG	TAA	0	0	
mORF_-_4492477	4492477	4492506	-	5	30	GTG	TAA	0	0	
mORF_-_4492519	4492519	4492539	-	5	21	ATG	TAA	0	0	
mORF_-_4492642	4492642	4492710	-	5	69	TTG	TAA	0	0	
mORF_-_4492662	4492662	4492697	-	4	36	ATG	TAA	0	0	
mORF_-_4492724	4492724	4492759	-	6	36	ATG	TAA	0	0	
mORF_-_4492737	4492737	4492850	-	4	114	ATG	TAA	0	0	
mORF_-_4492756	4492756	4492767	-	5	12	TTG	TGA	0	0	
mORF_-_4492858	4492858	4492929	-	5	72	TTG	TAA	0	0	
mORF_-_4492881	4492881	4492898	-	4	18	ATG	TAA	0	0	
mORF_-_4492922	4492922	4492948	-	6	27	ATG	TAA	0	0	
mORF_-_4492958	4492958	4493011	-	6	54	ATG	TAA	0	0	
mORF_-_4493013	4493013	4493063	-	4	51	GTG	TAA	0	0	
mORF_-_4493030	4493030	4493158	-	6	129	TTG	TAG	0	0	
mORF_-_4493038	4493038	4493121	-	5	84	GTG	TGA	0	0	
mORF_-_4493118	4493118	4493216	-	4	99	TTG	TGA	0	0	
mORF_-_4493213	4493213	4494274	-	6	1062	ATG	TGA	1	2	pORF_-_4493213
mORF_-_4493227	4493227	4493337	-	5	111	TTG	TGA	0	0	
mORF_-_4493344	4493344	4493406	-	5	63	TTG	TGA	0	0	
mORF_-_4493407	4493407	4493472	-	5	66	ATG	TAA	0	0	
mORF_-_4493476	4493476	4493538	-	5	63	TTG	TGA	0	0	
mORF_-_4493581	4493581	4493598	-	5	18	GTG	TGA	0	0	
mORF_-_4493637	4493637	4493657	-	4	21	ATG	TAG	0	0	
mORF_-_4493677	4493677	4493709	-	5	33	TTG	TAA	0	0	
mORF_-_4493710	4493710	4493718	-	5	9	TTG	TAA	0	0	
mORF_-_4493746	4493746	4493808	-	5	63	TTG	TGA	0	0	
mORF_-_4493757	4493757	4493780	-	4	24	GTG	TAA	0	0	
mORF_-_4493805	4493805	4493834	-	4	30	ATG	TGA	0	0	
mORF_-_4493827	4493827	4493868	-	5	42	GTG	TGA	0	0	
mORF_-_4493875	4493875	4494036	-	5	162	TTG	TGA	0	0	
mORF_-_4494037	4494037	4494054	-	5	18	TTG	TGA	0	0	
mORF_-_4494042	4494042	4494080	-	4	39	ATG	TGA	0	0	
mORF_-_4494091	4494091	4494144	-	5	54	ATG	TGA	0	0	

mORF_-_4494154	4494154	4494213	-	5	60	ATG	TGA	0	0
mORF_-_4494174	4494174	4494344	-	4	171	GTG	TGA	0	0
mORF_-_4494223	4494223	4494303	-	5	81	TTG	TGA	0	0
mORF_-_4494307	4494307	4494534	-	5	228	TTG	TAA	0	0
mORF_-_4494338	4494338	4494376	-	6	39	ATG	TGA	0	0
mORF_-_4494345	4494345	4494416	-	4	72	ATG	TAA	0	0
mORF_-_4494423	4494423	4494470	-	4	48	TTG	TGA	0	0
mORF_-_4494531	4494531	4494704	-	4	174	ATG	TGA	0	0
mORF_-_4494584	4494584	4494607	-	6	24	TTG	TAG	0	0
mORF_-_4494604	4494604	4494624	-	5	21	ATG	TGA	0	0
mORF_-_4494614	4494614	4494682	-	6	69	TTG	TGA	0	0
mORF_-_4494625	4494625	4494732	-	5	108	TTG	TAG	0	0
mORF_-_4494704	4494704	4494841	-	6	138	TTG	TAA	0	0
mORF_-_4494720	4494720	4494794	-	4	75	TTG	TGA	0	0
mORF_-_4494801	4494801	4494854	-	4	54	GTG	TAG	0	0
mORF_-_4494862	4494862	4495023	-	5	162	TTG	TAA	0	0
mORF_-_4494873	4494873	4494983	-	4	111	GTG	TGA	0	0
mORF_-_4494878	4494878	4495051	-	6	174	ATG	TAG	0	0
mORF_-_4494990	4494990	4495139	-	4	150	GTG	TAA	0	0
mORF_-_4495133	4495133	4495228	-	6	96	TTG	TAA	0	0
mORF_-_4495189	4495189	4495212	-	5	24	ATG	TGA	0	0
mORF_-_4495209	4495209	4495256	-	4	48	GTG	TGA	0	0
mORF_-_4495235	4495235	4495297	-	6	63	ATG	TAA	0	0
mORF_-_4495243	4495243	4495323	-	5	81	ATG	TAA	0	0
mORF_-_4495335	4495335	4495340	-	4	6	TTG	TAA	0	0
mORF_-_4495351	4495351	4495392	-	5	42	GTG	TAG	0	0
mORF_-_4495439	4495439	4495516	-	6	78	ATG	TGA	0	0
mORF_-_4495470	4495470	4495478	-	4	9	GTG	TAG	0	0
mORF_-_4495491	4495491	4495574	-	4	84	TTG	TAG	0	0
mORF_-_4495523	4495523	4495543	-	6	21	ATG	TGA	0	0
mORF_-_4495556	4495556	4495564	-	6	9	TTG	TGA	0	0
mORF_-_4495577	4495577	4495642	-	6	66	GTG	TAA	0	0
mORF_-_4495630	4495630	4495686	-	5	57	ATG	TGA	0	0
mORF_-_4495676	4495676	4495720	-	6	45	ATG	TAA	0	0
mORF_-_4495683	4495683	4495748	-	4	66	ATG	TGA	0	0
mORF_-_4495757	4495757	4495801	-	6	45	GTG	TGA	0	0
mORF_-_4495789	4495789	4495803	-	5	15	ATG	TGA	0	0
mORF_-_4495814	4495814	4495849	-	6	36	ATG	TGA	0	0
mORF_-_4495917	4495917	4495937	-	4	21	TTG	TGA	0	0
mORF_-_4495941	4495941	4495976	-	4	36	TTG	TAA	0	0
mORF_-_4495988	4495988	4496023	-	6	36	TTG	TAA	0	0
mORF_-_4496075	4496075	4496095	-	6	21	ATG	TGA	0	0
mORF_-_4496088	4496088	4496108	-	4	21	ATG	TAA	0	0
mORF_-_4496095	4496095	4496241	-	5	147	GTG	TAA	0	0
mORF_-_4496109	4496109	4496231	-	4	123	TTG	TGA	0	0
mORF_-_4496144	4496144	4496338	-	6	195	GTG	TGA	0	0
mORF_-_4496281	4496281	4496355	-	5	75	TTG	TGA	0	0
mORF_-_4496307	4496307	4496411	-	4	105	ATG	TAA	0	0
mORF_-_4496360	4496360	4496587	-	6	228	TTG	TGA	0	0
mORF_-_4496430	4496430	4496630	-	4	201	GTG	TAA	0	0
mORF_-_4496584	4496584	4496709	-	5	126	ATG	TGA	0	0
mORF_-_4496663	4496663	4497094	-	6	432	GTG	TAA	0	0
mORF_-_4496752	4496752	4496757	-	5	6	GTG	TGA	0	0
mORF_-_4496793	4496793	4496810	-	4	18	TTG	TAA	0	0
mORF_-_4496818	4496818	4496886	-	5	69	TTG	TAA	0	0
mORF_-_4496893	4496893	4496994	-	5	102	TTG	TAA	0	0
mORF_-_4496901	4496901	4496963	-	4	63	GTG	TGA	0	0
mORF_-_4496995	4496995	4497174	-	5	180	TTG	TGA	0	0
mORF_-_4497054	4497054	4497089	-	4	36	GTG	TGA	0	0
mORF_-_4497141	4497141	4497221	-	4	81	ATG	TGA	0	0
mORF_-_4497223	4497223	4497282	-	5	60	GTG	TAG	0	0
mORF_-_4497231	4497231	4497242	-	4	12	GTG	TAG	0	0
mORF_-_4497346	4497346	4497366	-	5	21	TTG	TAG	0	0

mORF_-_4497357	4497357	4497461	-	4	105	GTG	TGA	0	0
mORF_-_4497377	4497377	4497436	-	6	60	ATG	TAA	0	0
mORF_-_4497494	4497494	4497535	-	6	42	GTG	TAA	0	0
mORF_-_4497562	4497562	4497609	-	5	48	ATG	TAA	0	0
mORF_-_4497578	4497578	4497586	-	6	9	TTG	TGA	0	0
mORF_-_4497616	4497616	4497693	-	5	78	ATG	TAA	0	0
mORF_-_4497700	4497700	4497942	-	5	243	ATG	TAA	0	0
mORF_-_4497743	4497743	4497766	-	6	24	GTG	TGA	0	0
mORF_-_4497759	4497759	4497794	-	4	36	GTG	TGA	0	0
mORF_-_4497825	4497825	4497833	-	4	9	GTG	TAA	0	0
mORF_-_4497846	4497846	4498085	-	4	240	GTG	TGA	0	0
mORF_-_4498066	4498066	4498512	-	5	447	GTG	TAG	0	0
mORF_-_4498082	4498082	4498087	-	6	6	GTG	TGA	0	0
mORF_-_4498122	4498122	4498373	-	4	252	ATG	TAA	0	0
mORF_-_4498265	4498265	4498303	-	6	39	ATG	TGA	0	0
mORF_-_4498389	4498389	4498433	-	4	45	TTG	TGA	0	0
mORF_-_4498430	4498430	4498462	-	6	33	GTG	TGA	0	0
mORF_-_4498455	4498455	4498922	-	4	468	TTG	TGA	0	0
mORF_-_4498592	4498592	4498642	-	6	51	TTG	TGA	0	0
mORF_-_4498651	4498651	4498686	-	5	36	ATG	TAA	0	0
mORF_-_4498748	4498748	4498774	-	6	27	GTG	TGA	0	0
mORF_-_4498811	4498811	4499065	-	6	255	GTG	TGA	0	0
mORF_-_4498858	4498858	4498884	-	5	27	TTG	TAG	0	0
mORF_-_4498906	4498906	4498947	-	5	42	ATG	TAA	0	0
mORF_-_4498947	4498947	4498976	-	4	30	ATG	TAA	0	0
mORF_-_4498966	4498966	4499001	-	5	36	GTG	TAG	0	0
mORF_-_4498998	4498998	4499075	-	4	78	TTG	TGA	0	0
mORF_-_4499044	4499044	4499145	-	5	102	ATG	TAA	0	0
mORF_-_4499072	4499072	4499086	-	6	15	ATG	TGA	0	0
mORF_-_4499079	4499079	4499099	-	4	21	TTG	TAA	0	0
mORF_-_4499142	4499142	4499192	-	4	51	ATG	TGA	0	0
mORF_-_4499174	4499174	4499215	-	6	42	GTG	TGA	0	0
mORF_-_4499205	4499205	4499219	-	4	15	GTG	TGA	0	0
mORF_-_4499216	4499216	4499380	-	6	165	GTG	TGA	0	0
mORF_-_4499329	4499329	4499382	-	5	54	GTG	TAA	0	0
mORF_-_4499370	4499370	4499516	-	4	147	ATG	TGA	0	0
mORF_-_4499417	4499417	4499719	-	6	303	TTG	TAA	0	0
mORF_-_4499449	4499449	4499514	-	5	66	GTG	TGA	0	0
mORF_-_4499626	4499626	4499649	-	5	24	ATG	TGA	0	0
mORF_-_4499791	4499791	4499853	-	5	63	GTG	TAG	0	0
mORF_-_4499795	4499795	4499809	-	6	15	TTG	TAG	0	0
mORF_-_4499802	4499802	4499822	-	4	21	TTG	TAG	0	0
mORF_-_4499819	4499819	4499839	-	6	21	TTG	TGA	0	0
mORF_-_4499844	4499844	4499933	-	4	90	TTG	TGA	0	0
mORF_-_4499879	4499879	4499908	-	6	30	TTG	TAA	0	0
mORF_-_4499902	4499902	4499946	-	5	45	TTG	TAA	0	0
mORF_-_4499909	4499909	4500037	-	6	129	TTG	TAA	0	0
mORF_-_4499961	4499961	4499984	-	4	24	ATG	TAA	0	0
mORF_-_4499992	4499992	4500003	-	5	12	TTG	TGA	0	0
mORF_-_4500000	4500000	4500062	-	4	63	TTG	TGA	0	0
mORF_-_4500022	4500022	4500324	-	5	303	ATG	TGA	0	0
mORF_-_4500122	4500122	4500133	-	6	12	TTG	TGA	0	0
mORF_-_4500126	4500126	4501472	-	4	1347	TTG	TAA	0	0
mORF_-_4500224	4500224	4500247	-	6	24	TTG	TGA	0	0
mORF_-_4500395	4500395	4500442	-	6	48	TTG	TGA	0	0
mORF_-_4500403	4500403	4500426	-	5	24	GTG	TAA	0	0
mORF_-_4500638	4500638	4500646	-	6	9	ATG	TGA	0	0
mORF_-_4500643	4500643	4500663	-	5	21	GTG	TGA	0	0
mORF_-_4500695	4500695	4500736	-	6	42	ATG	TGA	0	0
mORF_-_4500761	4500761	4500799	-	6	39	ATG	TGA	0	0
mORF_-_4500863	4500863	4500886	-	6	24	ATG	TAG	0	0
mORF_-_4500883	4500883	4501083	-	5	201	GTG	TGA	0	0
mORF_-_4500938	4500938	4501057	-	6	120	ATG	TGA	0	0

mORF_-_4501073	4501073	4501195	-	6	123	TTG	TGA	0	0
mORF_-_4501235	4501235	4501282	-	6	48	TTG	TGA	0	0
mORF_-_4501264	4501264	4501353	-	5	90	TTG	TGA	0	0
mORF_-_4501328	4501328	4501348	-	6	21	TTG	TAA	0	0
mORF_-_4501394	4501394	4501447	-	6	54	TTG	TGA	0	0
mORF_-_4501491	4501491	4501514	-	4	24	TTG	TAA	0	0
mORF_-_4501522	4501522	4501680	-	5	159	TTG	TAA	0	0
mORF_-_4501572	4501572	4501589	-	4	18	TTG	TAG	0	0
mORF_-_4501586	4501586	4501693	-	6	108	TTG	TGA	0	0
mORF_-_4501732	4501732	4501746	-	5	15	ATG	TGA	0	0
mORF_-_4501743	4501743	4501769	-	4	27	TTG	TGA	0	0
mORF_-_4501766	4501766	4501912	-	6	147	ATG	TGA	0	0
mORF_-_4501780	4501780	4501809	-	5	30	TTG	TAG	0	0
mORF_-_4501806	4501806	4501880	-	4	75	TTG	TGA	0	0
mORF_-_4501909	4501909	4501974	-	5	66	TTG	TGA	0	0
mORF_-_4501958	4501958	4502197	-	6	240	ATG	TAA	0	0
mORF_-_4502058	4502058	4502093	-	4	36	ATG	TAA	0	0
mORF_-_4502106	4502106	4502141	-	4	36	ATG	TAA	0	0
mORF_-_4502185	4502185	4502190	-	5	6	ATG	TAA	0	0
mORF_-_4502194	4502194	4502220	-	5	27	ATG	TGA	0	0
mORF_-_4502230	4502230	4502346	-	5	117	ATG	TGA	0	0
mORF_-_4502271	4502271	4502339	-	4	69	TTG	TAG	0	0
mORF_-_4502379	4502379	4502384	-	4	6	TTG	TAG	0	0
mORF_-_4502412	4502412	4502456	-	4	45	TTG	TAA	0	0
mORF_-_4502453	4502453	4502551	-	6	99	TTG	TGA	0	0
mORF_-_4502538	4502538	4502549	-	4	12	GTG	TAA	0	0
mORF_-_4502634	4502634	4502696	-	4	63	ATG	TGA	0	0
mORF_-_4502690	4502690	4502722	-	6	33	ATG	TGA	0	0
mORF_-_4502709	4502709	4502729	-	4	21	TTG	TGA	0	0
mORF_-_4502733	4502733	4502774	-	4	42	TTG	TAG	0	0
mORF_-_4502803	4502803	4502838	-	5	36	ATG	TAG	0	0
mORF_-_4502835	4502835	4502954	-	4	120	ATG	TGA	0	0
mORF_-_4503033	4503033	4503065	-	4	33	TTG	TAA	0	0
mORF_-_4503069	4503069	4503092	-	4	24	TTG	TAA	0	0
mORF_-_4503117	4503117	4503155	-	4	39	GTG	TAA	0	0
mORF_-_4503121	4503121	4503174	-	5	54	ATG	TAA	0	0
mORF_-_4503165	4503165	4503203	-	4	39	ATG	TAG	0	0
mORF_-_4503184	4503184	4503210	-	5	27	ATG	TAA	0	0
mORF_-_4503213	4503213	4503224	-	4	12	ATG	TAA	0	0
mORF_-_4503318	4503318	4503512	-	4	195	GTG	TAA	0	0
mORF_-_4503355	4503355	4503378	-	5	24	ATG	TAA	0	0
mORF_-_4503365	4503365	4503388	-	6	24	TTG	TAA	0	0
mORF_-_4503392	4503392	4503397	-	6	6	ATG	TAA	0	0
mORF_-_4503449	4503449	4503517	-	6	69	TTG	TGA	0	0
mORF_-_4503487	4503487	4503567	-	5	81	ATG	TAA	0	0
mORF_-_4503542	4503542	4503592	-	6	51	ATG	TAA	0	0
mORF_-_4503592	4503592	4503690	-	5	99	TTG	TAA	0	0
mORF_-_4503597	4503597	4503680	-	4	84	TTG	TAA	0	0
mORF_-_4503677	4503677	4503697	-	6	21	GTG	TGA	0	0
mORF_-_4503719	4503719	4503739	-	6	21	ATG	TAA	0	0
mORF_-_4503736	4503736	4503819	-	5	84	ATG	TGA	0	0
mORF_-_4503741	4503741	4503770	-	4	30	TTG	TGA	0	0
mORF_-_4503820	4503820	4503837	-	5	18	ATG	TAG	0	0
mORF_-_4503841	4503841	4503858	-	5	18	ATG	TAA	0	0
mORF_-_4503852	4503852	4503932	-	4	81	TTG	TGA	0	0
mORF_-_4503859	4503859	4503912	-	5	54	ATG	TAA	0	0
mORF_-_4503950	4503950	4504006	-	6	57	ATG	TAA	0	0
mORF_-_4503988	4503988	4504071	-	5	84	TTG	TAA	0	0
mORF_-_4504023	4504023	4504037	-	4	15	TTG	TAA	0	0
mORF_-_4504055	4504055	4504087	-	6	33	GTG	TAA	0	0
mORF_-_4504084	4504084	4504134	-	5	51	TTG	TGA	0	0
mORF_-_4504088	4504088	4504132	-	6	45	GTG	TAA	0	0
mORF_-_4504101	4504101	4504163	-	4	63	TTG	TGA	0	0

mORF_-_4504171	4504171	4504203	-	5	33	ATG	TGA	0	0
mORF_-_4504187	4504187	4504285	-	6	99	TTG	TAG	0	0
mORF_-_4504255	4504255	4504266	-	5	12	ATG	TAA	0	0
mORF_-_4504299	4504299	4504547	-	4	249	TTG	TAA	0	0
mORF_-_4504343	4504343	4504369	-	6	27	TTG	TAG	0	0
mORF_-_4504366	4504366	4504413	-	5	48	ATG	TGA	0	0
mORF_-_4504406	4504406	4504417	-	6	12	ATG	TAA	0	0
mORF_-_4504499	4504499	4504519	-	6	21	ATG	TGA	0	0
mORF_-_4504520	4504520	4504534	-	6	15	ATG	TAA	0	0
mORF_-_4504538	4504538	4504594	-	6	57	ATG	TAA	0	0
mORF_-_4504549	4504549	4504584	-	5	36	ATG	TAG	0	0
mORF_-_4504649	4504649	4505044	-	6	396	TTG	TAA	0	0
mORF_-_4504702	4504702	4504872	-	5	171	GTG	TAA	0	0
mORF_-_4504716	4504716	4504844	-	4	129	ATG	TAA	0	0
mORF_-_4504876	4504876	4504884	-	5	9	ATG	TGA	0	0
mORF_-_4504999	4504999	4505007	-	5	9	GTG	TAA	0	0
mORF_-_4505026	4505026	4505076	-	5	51	ATG	TAA	0	0
mORF_-_4505060	4505060	4505110	-	6	51	ATG	TAG	0	0
mORF_-_4505107	4505107	4505220	-	5	114	TTG	TGA	0	0
mORF_-_4505141	4505141	4505173	-	6	33	GTG	TGA	0	0
mORF_-_4505193	4505193	4505411	-	4	219	TTG	TGA	0	0
mORF_-_4505198	4505198	4505209	-	6	12	GTG	TGA	0	0
mORF_-_4505264	4505264	4505350	-	6	87	TTG	TGA	0	0
mORF_-_4505311	4505311	4505340	-	5	30	TTG	TAG	0	0
mORF_-_4505347	4505347	4505403	-	5	57	GTG	TGA	0	0
mORF_-_4505369	4505369	4505377	-	6	9	TTG	TGA	0	0
mORF_-_4505439	4505439	4505444	-	4	6	TTG	TAG	0	0
mORF_-_4505478	4505478	4505492	-	4	15	TTG	TAG	0	0
mORF_-_4505489	4505489	4506640	-	6	1152	ATG	TGA	0	0
mORF_-_4505497	4505497	4505517	-	5	21	TTG	TGA	0	0
mORF_-_4505566	4505566	4505580	-	5	15	TTG	TAA	0	0
mORF_-_4505587	4505587	4505613	-	5	27	TTG	TAG	0	0
mORF_-_4505592	4505592	4505618	-	4	27	ATG	TGA	0	0
mORF_-_4505644	4505644	4505664	-	5	21	ATG	TAA	0	0
mORF_-_4505661	4505661	4505681	-	4	21	TTG	TGA	0	0
mORF_-_4505709	4505709	4505768	-	4	60	ATG	TAA	0	0
mORF_-_4505856	4505856	4505942	-	4	87	TTG	TAG	0	0
mORF_-_4505887	4505887	4505892	-	5	6	TTG	TAG	0	0
mORF_-_4506004	4506004	4506051	-	5	48	ATG	TAG	0	0
mORF_-_4506088	4506088	4506108	-	5	21	GTG	TGA	0	0
mORF_-_4506141	4506141	4506275	-	4	135	GTG	TGA	0	0
mORF_-_4506217	4506217	4506363	-	5	147	GTG	TGA	0	0
mORF_-_4506400	4506400	4506408	-	5	9	GTG	TAG	0	0
mORF_-_4506472	4506472	4506492	-	5	21	ATG	TAG	0	0
mORF_-_4506562	4506562	4506600	-	5	39	TTG	TAG	0	0
mORF_-_4506567	4506567	4506593	-	4	27	ATG	TGA	0	0
mORF_-_4506597	4506597	4506965	-	4	369	ATG	TGA	0	0
mORF_-_4506637	4506637	4506663	-	5	27	ATG	TGA	0	0
mORF_-_4506668	4506668	4506691	-	6	24	TTG	TGA	0	0
mORF_-_4506713	4506713	4506742	-	6	30	ATG	TAA	0	0
mORF_-_4506781	4506781	4506837	-	5	57	ATG	TGA	0	0
mORF_-_4506842	4506842	4506904	-	6	63	TTG	TAG	0	0
mORF_-_4506937	4506937	4506987	-	5	51	ATG	TAA	0	0
mORF_-_4507079	4507079	4507138	-	6	60	GTG	TGA	0	0
mORF_-_4507092	4507092	4507502	-	4	411	TTG	TAG	0	0
mORF_-_4507102	4507102	4507146	-	5	45	TTG	TGA	0	0
mORF_-_4507157	4507157	4507192	-	6	36	ATG	TAG	0	0
mORF_-_4507270	4507270	4507392	-	5	123	TTG	TAG	0	0
mORF_-_4507334	4507334	4507519	-	6	186	ATG	TAG	0	0
mORF_-_4507438	4507438	4507464	-	5	27	ATG	TAA	0	0
mORF_-_4507544	4507544	4507687	-	6	144	GTG	TAA	0	0
mORF_-_4507563	4507563	4507610	-	4	48	TTG	TGA	0	0
mORF_-_4507671	4507671	4507760	-	4	90	TTG	TGA	0	0

mORF_-_4507724	4507724	4507735	-	6	12	GTG	TAG	0	0	
mORF_-_4507766	4507766	4507822	-	6	57	TTG	TGA	0	0	
mORF_-_4507809	4507809	4507820	-	4	12	GTG	TAA	0	0	
mORF_-_4507827	4507827	4507877	-	4	51	ATG	TAG	0	0	
mORF_-_4507874	4507874	4507897	-	6	24	GTG	TGA	0	0	
mORF_-_4507945	4507945	4508103	-	5	159	GTG	TAG	0	0	
mORF_-_4507964	4507964	4507978	-	6	15	GTG	TGA	0	0	
mORF_-_4507985	4507985	4508014	-	6	30	ATG	TAG	0	0	
mORF_-_4508067	4508067	4508111	-	4	45	ATG	TGA	0	0	
mORF_-_4508108	4508108	4508212	-	6	105	GTG	TGA	0	0	
mORF_-_4508172	4508172	4508186	-	4	15	GTG	TAA	0	0	
mORF_-_4508187	4508187	4508210	-	4	24	GTG	TAG	0	0	
mORF_-_4508191	4508191	4508250	-	5	60	TTG	TAG	0	0	
mORF_-_4508244	4508244	4508294	-	4	51	ATG	TAA	0	0	
mORF_-_4508291	4508291	4508308	-	6	18	TTG	TGA	0	0	
mORF_-_4508305	4508305	4508406	-	5	102	ATG	TGA	0	0	
mORF_-_4508319	4508319	4508360	-	4	42	GTG	TGA	0	0	
mORF_-_4508403	4508403	4508411	-	4	9	GTG	TGA	0	0	
mORF_-_4508462	4508462	4508536	-	6	75	TTG	TAA	0	0	
mORF_-_4508479	4508479	4508493	-	5	15	TTG	TAA	0	0	
mORF_-_4508579	4508579	4508587	-	6	9	TTG	TAG	0	0	
mORF_-_4508634	4508634	4508678	-	4	45	ATG	TGA	0	0	
mORF_-_4508675	4508675	4508728	-	6	54	GTG	TGA	0	0	
mORF_-_4508697	4508697	4508711	-	4	15	TTG	TAA	0	0	
mORF_-_4508713	4508713	4509480	-	5	768	ATG	TAG	0	0	
mORF_-_4508805	4508805	4508837	-	4	33	ATG	TGA	0	0	
mORF_-_4508949	4508949	4509005	-	4	57	TTG	TGA	0	0	
mORF_-_4509072	4509072	4509089	-	4	18	TTG	TAA	0	0	
mORF_-_4509111	4509111	4509185	-	4	75	ATG	TGA	0	0	
mORF_-_4509290	4509290	4509367	-	6	78	TTG	TAA	0	0	
mORF_-_4509464	4509464	4509514	-	6	51	GTG	TGA	0	0	
mORF_-_4509481	4509481	4510947	-	5	1467	TTG	TAA	5	10	pORF_-_4509481
mORF_-_4509492	4509492	4509521	-	4	30	GTG	TGA	0	0	
mORF_-_4509534	4509534	4509611	-	4	78	GTG	TGA	0	0	
mORF_-_4509615	4509615	4509653	-	4	39	GTG	TGA	0	0	
mORF_-_4509669	4509669	4509692	-	4	24	TTG	TGA	0	0	
mORF_-_4509698	4509698	4509838	-	6	141	TTG	TAG	0	0	
mORF_-_4509744	4509744	4509818	-	4	75	TTG	TAG	0	0	
mORF_-_4509870	4509870	4509884	-	4	15	TTG	TGA	0	0	
mORF_-_4509888	4509888	4509905	-	4	18	GTG	TGA	0	0	
mORF_-_4509902	4509902	4509997	-	6	96	ATG	TGA	0	0	
mORF_-_4509945	4509945	4509950	-	4	6	ATG	TGA	0	0	
mORF_-_4510068	4510068	4510091	-	4	24	TTG	TGA	0	0	
mORF_-_4510113	4510113	4510214	-	4	102	TTG	TGA	0	0	
mORF_-_4510172	4510172	4510351	-	6	180	GTG	TAA	0	0	
mORF_-_4510224	4510224	4510259	-	4	36	TTG	TGA	0	0	
mORF_-_4510296	4510296	4510304	-	4	9	ATG	TGA	0	0	
mORF_-_4510362	4510362	4510430	-	4	69	TTG	TGA	0	0	
mORF_-_4510434	4510434	4511432	-	4	999	ATG	TGA	0	0	
mORF_-_4510448	4510448	4510477	-	6	30	TTG	TGA	0	0	
mORF_-_4510478	4510478	4510540	-	6	63	ATG	TGA	0	0	
mORF_-_4510664	4510664	4510684	-	6	21	TTG	TAG	0	0	
mORF_-_4510778	4510778	4510903	-	6	126	ATG	TGA	0	0	
mORF_-_4510976	4510976	4510993	-	6	18	ATG	TGA	0	0	
mORF_-_4510990	4510990	4511055	-	5	66	ATG	TGA	0	0	
mORF_-_4511039	4511039	4511086	-	6	48	TTG	TGA	0	0	
mORF_-_4511140	4511140	4511403	-	5	264	GTG	TAA	0	0	
mORF_-_4511225	4511225	4511320	-	6	96	ATG	TGA	0	0	
mORF_-_4511360	4511360	4511389	-	6	30	TTG	TGA	0	0	
mORF_-_4511429	4511429	4512337	-	6	909	GTG	TGA	4	2	pORF_-_4511429
mORF_-_4511434	4511434	4511439	-	5	6	TTG	TGA	0	0	
mORF_-_4511467	4511467	4511544	-	5	78	TTG	TAA	0	0	
mORF_-_4511566	4511566	4511694	-	5	129	GTG	TAA	0	0	

mORF_-_4511601	4511601	4511834	-	4	234	GTG	TAA	0	0	
mORF_-_4511716	4511716	4512021	-	5	306	TTG	TGA	0	0	
mORF_-_4511952	4511952	4512092	-	4	141	GTG	TAA	0	0	
mORF_-_4512037	4512037	4512048	-	5	12	TTG	TGA	0	0	
mORF_-_4512097	4512097	4512273	-	5	177	TTG	TGA	0	0	
mORF_-_4512286	4512286	4512306	-	5	21	TTG	TGA	0	0	
mORF_-_4512334	4512334	4512339	-	5	6	ATG	TGA	0	0	
mORF_-_4512345	4512345	4512374	-	4	30	GTG	TAG	0	0	
mORF_-_4512368	4512368	4512376	-	6	9	ATG	TAA	0	0	
mORF_-_4512376	4512376	4514700	-	5	2325	ATG	TGA	9	0	pORF_-_4512376
mORF_-_4512384	4512384	4512449	-	4	66	ATG	TGA	0	0	
mORF_-_4512486	4512486	4512491	-	4	6	GTG	TGA	0	0	
mORF_-_4512504	4512504	4512533	-	4	30	ATG	TGA	0	0	
mORF_-_4512600	4512600	4512623	-	4	24	TTG	TGA	0	0	
mORF_-_4512762	4512762	4512800	-	4	39	TTG	TGA	0	0	
mORF_-_4512810	4512810	4512869	-	4	60	GTG	TAA	0	0	
mORF_-_4512948	4512948	4513079	-	4	132	ATG	TGA	0	0	
mORF_-_4513143	4513143	4513367	-	4	225	ATG	TGA	0	0	
mORF_-_4513413	4513413	4513736	-	4	324	ATG	TGA	0	0	
mORF_-_4513752	4513752	4513829	-	4	78	TTG	TGA	0	0	
mORF_-_4513857	4513857	4513961	-	4	105	TTG	TGA	0	0	
mORF_-_4513965	4513965	4514033	-	4	69	ATG	TGA	0	0	
mORF_-_4514145	4514145	4514162	-	4	18	TTG	TGA	0	0	
mORF_-_4514166	4514166	4514276	-	4	111	GTG	TGA	0	0	
mORF_-_4514283	4514283	4514333	-	4	51	GTG	TGA	0	0	
mORF_-_4514355	4514355	4514363	-	4	9	ATG	TGA	0	0	
mORF_-_4514508	4514508	4514606	-	4	99	TTG	TGA	0	0	
mORF_-_4514697	4514697	4514717	-	4	21	ATG	TGA	0	0	
mORF_-_4514733	4514733	4514765	-	4	33	TTG	TAG	0	0	
mORF_-_4514787	4514787	4515740	-	4	954	ATG	TAA	0	0	
mORF_-_4514861	4514861	4514872	-	6	12	ATG	TGA	0	0	
mORF_-_4514900	4514900	4514917	-	6	18	TTG	TGA	0	0	
mORF_-_4514969	4514969	4514977	-	6	9	GTG	TGA	0	0	
mORF_-_4514999	4514999	4515034	-	6	36	ATG	TGA	0	0	
mORF_-_4515044	4515044	4515085	-	6	42	GTG	TGA	0	0	
mORF_-_4515092	4515092	4515157	-	6	66	TTG	TGA	0	0	
mORF_-_4515227	4515227	4515328	-	6	102	ATG	TGA	0	0	
mORF_-_4515347	4515347	4515367	-	6	21	ATG	TGA	0	0	
mORF_-_4515494	4515494	4515622	-	6	129	ATG	TGA	0	0	
mORF_-_4515580	4515580	4515600	-	5	21	GTG	TGA	0	0	
mORF_-_4515619	4515619	4515747	-	5	129	ATG	TGA	0	0	
mORF_-_4515671	4515671	4515682	-	6	12	ATG	TAA	0	0	
mORF_-_4515737	4515737	4516258	-	6	522	ATG	TGA	0	0	
mORF_-_4515799	4515799	4515834	-	5	36	TTG	TGA	0	0	
mORF_-_4515847	4515847	4515882	-	5	36	GTG	TGA	0	0	
mORF_-_4516111	4516111	4516152	-	5	42	TTG	TAA	0	0	
mORF_-_4516186	4516186	4516209	-	5	24	ATG	TGA	0	0	
mORF_-_4516225	4516225	4516272	-	5	48	TTG	TAA	0	0	
mORF_-_4516269	4516269	4516286	-	4	18	GTG	TGA	0	0	
mORF_-_4516283	4516283	4516360	-	6	78	ATG	TGA	0	0	
mORF_-_4516291	4516291	4516344	-	5	54	TTG	TGA	0	0	
mORF_-_4516317	4516317	4516322	-	4	6	TTG	TAA	0	0	
mORF_-_4516377	4516377	4516508	-	4	132	TTG	TAA	0	0	
mORF_-_4516469	4516469	4516669	-	6	201	TTG	TGA	0	0	
mORF_-_4516537	4516537	4516620	-	5	84	GTG	TAA	0	0	
mORF_-_4516587	4516587	4516664	-	4	78	ATG	TAG	0	0	
mORF_-_4516636	4516636	4516680	-	5	45	GTG	TAG	0	0	
mORF_-_4516670	4516670	4516708	-	6	39	GTG	TAG	0	0	
mORF_-_4516681	4516681	4516686	-	5	6	GTG	TAA	0	0	
mORF_-_4516693	4516693	4516785	-	5	93	GTG	TGA	0	0	
mORF_-_4516716	4516716	4516760	-	4	45	GTG	TGA	0	0	
mORF_-_4516779	4516779	4516835	-	4	57	ATG	TGA	0	0	
mORF_-_4516790	4516790	4516798	-	6	9	GTG	TAA	0	0	

mORF_-_4516795	4516795	4516839	-	5	45	TTG	TGA	0	0	
mORF_-_4516898	4516898	4517068	-	6	171	GTG	TAG	0	0	
mORF_-_4516903	4516903	4516962	-	5	60	GTG	TGA	0	0	
mORF_-_4516923	4516923	4517099	-	4	177	TTG	TAA	0	0	
mORF_-_4517065	4517065	4517148	-	5	84	ATG	TGA	0	0	
mORF_-_4517093	4517093	4517185	-	6	93	TTG	TGA	0	0	
mORF_-_4517103	4517103	4517108	-	4	6	GTG	TAA	0	0	
mORF_-_4517109	4517109	4517213	-	4	105	ATG	TGA	0	0	
mORF_-_4517182	4517182	4517283	-	5	102	ATG	TGA	0	0	
mORF_-_4517220	4517220	4517231	-	4	12	ATG	TAA	0	0	
mORF_-_4517241	4517241	4517258	-	4	18	ATG	TGA	0	0	
mORF_-_4517271	4517271	4517279	-	4	9	ATG	TAA	0	0	
mORF_-_4517276	4517276	4517317	-	6	42	TTG	TGA	0	0	
mORF_-_4517310	4517310	4517333	-	4	24	ATG	TAG	0	0	
mORF_-_4517336	4517336	4517413	-	6	78	TTG	TAG	0	0	
mORF_-_4517361	4517361	4518347	-	4	987	GTG	TAA	9	30	pORF_-_4517361
mORF_-_4517374	4517374	4517379	-	5	6	GTG	TGA	0	0	
mORF_-_4517414	4517414	4517500	-	6	87	TTG	TGA	0	0	
mORF_-_4517507	4517507	4517599	-	6	93	GTG	TAA	0	0	
mORF_-_4517575	4517575	4517592	-	5	18	TTG	TGA	0	0	
mORF_-_4517660	4517660	4517695	-	6	36	TTG	TGA	0	0	
mORF_-_4517717	4517717	4517854	-	6	138	TTG	TGA	0	0	
mORF_-_4517861	4517861	4517911	-	6	51	ATG	TGA	0	0	
mORF_-_4517914	4517914	4517919	-	5	6	ATG	TAA	0	0	
mORF_-_4517942	4517942	4517995	-	6	54	TTG	TGA	0	0	
mORF_-_4518005	4518005	4518025	-	6	21	GTG	TGA	0	0	
mORF_-_4518044	4518044	4518082	-	6	39	ATG	TGA	0	0	
mORF_-_4518095	4518095	4518157	-	6	63	ATG	TGA	0	0	
mORF_-_4518158	4518158	4518313	-	6	156	ATG	TGA	0	0	
mORF_-_4518253	4518253	4518288	-	5	36	ATG	TGA	0	0	
mORF_-_4518363	4518363	4518383	-	4	21	ATG	TAA	0	0	
mORF_-_4518385	4518385	4518507	-	5	123	ATG	TAA	0	0	
mORF_-_4518447	4518447	4518638	-	4	192	GTG	TAA	0	0	
mORF_-_4518455	4518455	4518526	-	6	72	ATG	TAA	0	0	
mORF_-_4518536	4518536	4518583	-	6	48	TTG	TAA	0	0	
mORF_-_4518544	4518544	4518558	-	5	15	GTG	TAA	0	0	
mORF_-_4518580	4518580	4518666	-	5	87	TTG	TGA	0	0	
mORF_-_4518647	4518647	4518685	-	6	39	TTG	TAA	0	0	
mORF_-_4518694	4518694	4520043	-	5	1350	ATG	TAA	0	0	
mORF_-_4518726	4518726	4518734	-	4	9	GTG	TGA	0	0	
mORF_-_4518789	4518789	4518797	-	4	9	TTG	TGA	0	0	
mORF_-_4518810	4518810	4518860	-	4	51	GTG	TGA	0	0	
mORF_-_4518830	4518830	4518967	-	6	138	TTG	TAA	0	0	
mORF_-_4518999	4518999	4519094	-	4	96	GTG	TGA	0	0	
mORF_-_4519010	4519010	4519141	-	6	132	TTG	TAA	0	0	
mORF_-_4519101	4519101	4519118	-	4	18	TTG	TGA	0	0	
mORF_-_4519248	4519248	4519289	-	4	42	ATG	TGA	0	0	
mORF_-_4519293	4519293	4519313	-	4	21	TTG	TGA	0	0	
mORF_-_4519326	4519326	4519361	-	4	36	TTG	TGA	0	0	
mORF_-_4519460	4519460	4519480	-	6	21	TTG	TAA	0	0	
mORF_-_4519464	4519464	4519505	-	4	42	TTG	TGA	0	0	
mORF_-_4519530	4519530	4519661	-	4	132	TTG	TAG	0	0	
mORF_-_4519535	4519535	4519627	-	6	93	GTG	TGA	0	0	
mORF_-_4519689	4519689	4519754	-	4	66	TTG	TAA	0	0	
mORF_-_4519791	4519791	4519850	-	4	60	TTG	TAG	0	0	
mORF_-_4519854	4519854	4519883	-	4	30	TTG	TGA	0	0	
mORF_-_4519914	4519914	4519955	-	4	42	TTG	TGA	0	0	
mORF_-_4519959	4519959	4519970	-	4	12	TTG	TAA	0	0	
mORF_-_4519982	4519982	4520092	-	6	111	TTG	TAA	0	0	
mORF_-_4519995	4519995	4520027	-	4	33	TTG	TAA	0	0	
mORF_-_4520150	4520150	4522198	-	6	2049	TTG	TGA	0	0	
mORF_-_4520161	4520161	4520187	-	5	27	TTG	TGA	0	0	
mORF_-_4520194	4520194	4520229	-	5	36	GTG	TAA	0	0	

mORF_-_4520199	4520199	4520252	-	4	54	ATG	TGA	0	0
mORF_-_4520230	4520230	4520313	-	5	84	ATG	TGA	0	0
mORF_-_4520314	4520314	4520418	-	5	105	TTG	TAA	0	0
mORF_-_4520358	4520358	4520402	-	4	45	TTG	TAG	0	0
mORF_-_4520419	4520419	4520520	-	5	102	ATG	TAA	0	0
mORF_-_4520439	4520439	4520489	-	4	51	GTG	TAA	0	0
mORF_-_4520527	4520527	4520538	-	5	12	ATG	TAA	0	0
mORF_-_4520560	4520560	4520736	-	5	177	TTG	TGA	0	0
mORF_-_4520737	4520737	4520751	-	5	15	TTG	TGA	0	0
mORF_-_4520767	4520767	4520787	-	5	21	TTG	TGA	0	0
mORF_-_4520862	4520862	4520930	-	4	69	GTG	TGA	0	0
mORF_-_4520968	4520968	4521072	-	5	105	ATG	TGA	0	0
mORF_-_4521085	4521085	4521210	-	5	126	ATG	TGA	0	0
mORF_-_4521126	4521126	4521146	-	4	21	TTG	TGA	0	0
mORF_-_4521217	4521217	4521225	-	5	9	ATG	TGA	0	0
mORF_-_4521237	4521237	4521323	-	4	87	GTG	TAA	0	0
mORF_-_4521283	4521283	4521537	-	5	255	ATG	TGA	0	0
mORF_-_4521607	4521607	4521648	-	5	42	TTG	TGA	0	0
mORF_-_4521627	4521627	4521635	-	4	9	TTG	TAA	0	0
mORF_-_4521691	4521691	4521798	-	5	108	ATG	TAA	0	0
mORF_-_4521759	4521759	4521764	-	4	6	TTG	TGA	0	0
mORF_-_4521829	4521829	4521972	-	5	144	ATG	TGA	0	0
mORF_-_4521882	4521882	4521959	-	4	78	TTG	TAA	0	0
mORF_-_4522027	4522027	4522098	-	5	72	TTG	TAA	0	0
mORF_-_4522128	4522128	4523087	-	4	960	ATG	TGA	0	0
mORF_-_4522195	4522195	4522242	-	5	48	GTG	TGA	0	0
mORF_-_4522223	4522223	4522240	-	6	18	GTG	TAG	0	0
mORF_-_4522259	4522259	4522270	-	6	12	TTG	TGA	0	0
mORF_-_4522319	4522319	4522390	-	6	72	TTG	TGA	0	0
mORF_-_4522406	4522406	4522414	-	6	9	GTG	TAA	0	0
mORF_-_4522439	4522439	4522453	-	6	15	ATG	TGA	0	0
mORF_-_4522505	4522505	4522552	-	6	48	TTG	TGA	0	0
mORF_-_4522637	4522637	4522804	-	6	168	TTG	TGA	0	0
mORF_-_4522805	4522805	4522831	-	6	27	TTG	TGA	0	0
mORF_-_4522874	4522874	4522894	-	6	21	GTG	TGA	0	0
mORF_-_4522934	4522934	4522984	-	6	51	GTG	TGA	0	0
mORF_-_4523038	4523038	4523826	-	5	789	ATG	TGA	0	0
mORF_-_4523099	4523099	4523107	-	6	9	ATG	TGA	0	0
mORF_-_4523154	4523154	4523183	-	4	30	ATG	TAG	0	0
mORF_-_4523195	4523195	4523266	-	6	72	ATG	TAA	0	0
mORF_-_4523220	4523220	4523237	-	4	18	ATG	TAA	0	0
mORF_-_4523391	4523391	4523540	-	4	150	GTG	TAG	0	0
mORF_-_4523426	4523426	4523530	-	6	105	TTG	TGA	0	0
mORF_-_4523574	4523574	4523582	-	4	9	TTG	TGA	0	0
mORF_-_4523579	4523579	4523611	-	6	33	TTG	TGA	0	0
mORF_-_4523660	4523660	4523677	-	6	18	TTG	TAA	0	0
mORF_-_4523664	4523664	4523675	-	4	12	GTG	TAA	0	0
mORF_-_4523685	4523685	4523690	-	4	6	ATG	TAA	0	0
mORF_-_4523729	4523729	4523767	-	6	39	ATG	TAA	0	0
mORF_-_4523733	4523733	4523771	-	4	39	TTG	TAA	0	0
mORF_-_4523778	4523778	4523795	-	4	18	GTG	TAA	0	0
mORF_-_4523799	4523799	4524086	-	4	288	ATG	TAG	0	0
mORF_-_4523807	4523807	4523812	-	6	6	GTG	TAA	0	0
mORF_-_4523843	4523843	4523866	-	6	24	ATG	TGA	0	0
mORF_-_4523866	4523866	4524012	-	5	147	ATG	TAA	0	0
mORF_-_4523918	4523918	4523968	-	6	51	ATG	TAA	0	0
mORF_-_4524043	4524043	4524066	-	5	24	TTG	TAA	0	0
mORF_-_4524073	4524073	4524162	-	5	90	ATG	TAG	0	0
mORF_-_4524129	4524129	4524920	-	4	792	TTG	TGA	0	0
mORF_-_4524134	4524134	4524211	-	6	78	GTG	TAA	0	0
mORF_-_4524223	4524223	4524231	-	5	9	ATG	TAA	0	0
mORF_-_4524242	4524242	4524301	-	6	60	GTG	TAG	0	0
mORF_-_4524326	4524326	4524400	-	6	75	GTG	TGA	0	0

mORF_-_4524404	4524404	4524418	-	6	15	ATG	TAG	0	0	
mORF_-_4524470	4524470	4524520	-	6	51	ATG	TGA	0	0	
mORF_-_4524529	4524529	4524741	-	5	213	TTG	TAA	0	0	
mORF_-_4524551	4524551	4524625	-	6	75	ATG	TAA	0	0	
mORF_-_4524632	4524632	4524646	-	6	15	TTG	TGA	0	0	
mORF_-_4524755	4524755	4524820	-	6	66	TTG	TGA	0	0	
mORF_-_4524790	4524790	4524864	-	5	75	GTG	TGA	0	0	
mORF_-_4524928	4524928	4525560	-	5	633	ATG	TAA	0	0	
mORF_-_4524948	4524948	4524992	-	4	45	TTG	TAG	0	0	
mORF_-_4524965	4524965	4525111	-	6	147	GTG	TGA	0	0	
mORF_-_4524993	4524993	4525151	-	4	159	GTG	TGA	0	0	
mORF_-_4525259	4525259	4525312	-	6	54	GTG	TGA	0	0	
mORF_-_4525263	4525263	4525361	-	4	99	TTG	TAA	0	0	
mORF_-_4525419	4525419	4525481	-	4	63	TTG	TGA	0	0	
mORF_-_4525503	4525503	4525517	-	4	15	ATG	TGA	0	0	
mORF_-_4525508	4525508	4525615	-	6	108	ATG	TGA	0	0	
mORF_-_4525572	4525572	4526003	-	4	432	ATG	TAA	0	0	
mORF_-_4525628	4525628	4525648	-	6	21	TTG	TAA	0	0	
mORF_-_4525645	4525645	4525734	-	5	90	GTG	TGA	0	0	
mORF_-_4525673	4525673	4525747	-	6	75	TTG	TGA	0	0	
mORF_-_4525841	4525841	4525912	-	6	72	ATG	TGA	0	0	
mORF_-_4525885	4525885	4525896	-	5	12	ATG	TAA	0	0	
mORF_-_4525966	4525966	4525986	-	5	21	ATG	TAA	0	0	
mORF_-_4525996	4525996	4526019	-	5	24	ATG	TAA	0	0	
mORF_-_4526091	4526091	4526201	-	4	111	TTG	TAA	0	0	
mORF_-_4526134	4526134	4526940	-	5	807	ATG	TAA	2	9	pORF_-_4526134
mORF_-_4526232	4526232	4526243	-	4	12	ATG	TGA	0	0	
mORF_-_4526367	4526367	4526423	-	4	57	TTG	TGA	0	0	
mORF_-_4526487	4526487	4526651	-	4	165	ATG	TGA	0	0	
mORF_-_4526597	4526597	4526644	-	6	48	GTG	TAA	0	0	
mORF_-_4526652	4526652	4526660	-	4	9	TTG	TGA	0	0	
mORF_-_4526682	4526682	4526789	-	4	108	ATG	TAA	0	0	
mORF_-_4526835	4526835	4526918	-	4	84	TTG	TGA	0	0	
mORF_-_4526852	4526852	4526935	-	6	84	TTG	TGA	0	0	
mORF_-_4526937	4526937	4527035	-	4	99	TTG	TGA	0	0	
mORF_-_4526953	4526953	4528266	-	5	1314	ATG	TAA	0	0	
mORF_-_4527042	4527042	4527113	-	4	72	TTG	TGA	0	0	
mORF_-_4527047	4527047	4527061	-	6	15	TTG	TGA	0	0	
mORF_-_4527339	4527339	4527359	-	4	21	TTG	TGA	0	0	
mORF_-_4527381	4527381	4527479	-	4	99	TTG	TGA	0	0	
mORF_-_4527473	4527473	4527544	-	6	72	TTG	TGA	0	0	
mORF_-_4527489	4527489	4527521	-	4	33	TTG	TGA	0	0	
mORF_-_4527531	4527531	4527575	-	4	45	TTG	TGA	0	0	
mORF_-_4527603	4527603	4527650	-	4	48	ATG	TGA	0	0	
mORF_-_4527666	4527666	4527698	-	4	33	TTG	TGA	0	0	
mORF_-_4527804	4527804	4527845	-	4	42	ATG	TAA	0	0	
mORF_-_4527933	4527933	4527959	-	4	27	ATG	TGA	0	0	
mORF_-_4527984	4527984	4528049	-	4	66	ATG	TGA	0	0	
mORF_-_4528056	4528056	4528073	-	4	18	TTG	TAG	0	0	
mORF_-_4528119	4528119	4528151	-	4	33	TTG	TGA	0	0	
mORF_-_4528155	4528155	4528205	-	4	51	TTG	TAA	0	0	
mORF_-_4528212	4528212	4528262	-	4	51	TTG	TGA	0	0	
mORF_-_4528278	4528278	4528556	-	4	279	ATG	TAA	2	6	pORF_-_4528278
mORF_-_4528310	4528310	4528375	-	6	66	GTG	TAA	0	0	
mORF_-_4528394	4528394	4528435	-	6	42	ATG	TAA	0	0	
mORF_-_4528432	4528432	4528446	-	5	15	ATG	TGA	0	0	
mORF_-_4528474	4528474	4528596	-	5	123	TTG	TGA	0	0	
mORF_-_4528478	4528478	4528504	-	6	27	TTG	TGA	0	0	
mORF_-_4528505	4528505	4528543	-	6	39	TTG	TGA	0	0	
mORF_-_4528553	4528553	4529704	-	6	1152	GTG	TGA	2	8	pORF_-_4528553
mORF_-_4528593	4528593	4528649	-	4	57	TTG	TGA	0	0	
mORF_-_4528654	4528654	4528743	-	4	90	TTG	TGA	0	0	
mORF_-_4528659	4528659	4528703	-	4	45	TTG	TGA	0	0	

mORF_-_4528768	4528768	4528812	-	5	45	TTG	TGA	0	0
mORF_-_4528855	4528855	4528881	-	5	27	ATG	TAA	0	0
mORF_-_4528888	4528888	4528980	-	5	93	TTG	TGA	0	0
mORF_-_4528953	4528953	4528958	-	4	6	GTG	TGA	0	0
mORF_-_4528996	4528996	4529097	-	5	102	ATG	TAA	0	0
mORF_-_4529101	4529101	4529106	-	5	6	GTG	TAG	0	0
mORF_-_4529137	4529137	4529310	-	5	174	TTG	TAG	0	0
mORF_-_4529145	4529145	4529153	-	4	9	GTG	TAA	0	0
mORF_-_4529256	4529256	4529264	-	4	9	GTG	TGA	0	0
mORF_-_4529322	4529322	4529336	-	4	15	GTG	TAA	0	0
mORF_-_4529407	4529407	4529418	-	5	12	TTG	TAG	0	0
mORF_-_4529440	4529440	4529481	-	5	42	TTG	TAG	0	0
mORF_-_4529488	4529488	4529628	-	5	141	ATG	TGA	0	0
mORF_-_4529514	4529514	4529585	-	4	72	GTG	TAG	0	0
mORF_-_4529677	4529677	4529700	-	5	24	TTG	TAG	0	0
mORF_-_4529701	4529701	4529781	-	5	81	TTG	TGA	0	0
mORF_-_4529717	4529717	4529821	-	6	105	TTG	TAA	0	0
mORF_-_4529754	4529754	4529771	-	4	18	TTG	TGA	0	0
mORF_-_4529834	4529834	4529947	-	6	114	GTG	TAA	0	0
mORF_-_4529898	4529898	4529969	-	4	72	ATG	TAA	0	0
mORF_-_4529979	4529979	4530035	-	4	57	ATG	TAA	0	0
mORF_-_4530073	4530073	4530114	-	5	42	ATG	TGA	0	0
mORF_-_4530078	4530078	4530086	-	4	9	GTG	TGA	0	0
mORF_-_4530120	4530120	4530179	-	4	60	TTG	TGA	0	0
mORF_-_4530176	4530176	4530253	-	6	78	TTG	TGA	0	0
mORF_-_4530189	4530189	4530371	-	4	183	ATG	TAG	0	0
mORF_-_4530244	4530244	4530333	-	5	90	ATG	TAA	0	0
mORF_-_4530260	4530260	4530304	-	6	45	TTG	TGA	0	0
mORF_-_4530344	4530344	4530499	-	6	156	ATG	TAA	0	0
mORF_-_4530400	4530400	4530408	-	5	9	TTG	TGA	0	0
mORF_-_4530405	4530405	4530494	-	4	90	TTG	TGA	0	0
mORF_-_4530460	4530460	4531206	-	5	747	ATG	TAA	0	0
mORF_-_4530537	4530537	4530569	-	4	33	ATG	TAA	0	0
mORF_-_4530572	4530572	4530610	-	6	39	ATG	TGA	0	0
mORF_-_4530603	4530603	4530698	-	4	96	TTG	TGA	0	0
mORF_-_4530668	4530668	4530868	-	6	201	ATG	TGA	0	0
mORF_-_4530828	4530828	4530926	-	4	99	ATG	TAG	0	0
mORF_-_4530893	4530893	4530898	-	6	6	ATG	TGA	0	0
mORF_-_4531005	4531005	4531085	-	4	81	TTG	TGA	0	0
mORF_-_4531104	4531104	4531172	-	4	69	GTG	TGA	0	0
mORF_-_4531206	4531206	4531265	-	4	60	GTG	TAA	0	0
mORF_-_4531235	4531235	4531252	-	6	18	TTG	TAA	0	0
mORF_-_4531262	4531262	4531807	-	6	546	ATG	TGA	0	0
mORF_-_4531267	4531267	4531284	-	5	18	ATG	TGA	0	0
mORF_-_4531284	4531284	4531298	-	4	15	GTG	TGA	0	0
mORF_-_4531345	4531345	4531458	-	5	114	TTG	TGA	0	0
mORF_-_4531573	4531573	4531644	-	5	72	ATG	TGA	0	0
mORF_-_4531651	4531651	4531689	-	5	39	TTG	TAG	0	0
mORF_-_4531702	4531702	4531767	-	5	66	GTG	TAG	0	0
mORF_-_4531819	4531819	4532076	-	5	258	ATG	TAA	0	0
mORF_-_4531847	4531847	4531975	-	6	129	ATG	TAA	0	0
mORF_-_4531851	4531851	4531886	-	4	36	ATG	TGA	0	0
mORF_-_4531947	4531947	4532018	-	4	72	TTG	TGA	0	0
mORF_-_4532087	4532087	4532122	-	6	36	GTG	TAG	0	0
mORF_-_4532091	4532091	4532120	-	4	30	GTG	TAA	0	0
mORF_-_4532098	4532098	4532151	-	5	54	ATG	TGA	0	0
mORF_-_4532189	4532189	4532218	-	6	30	TTG	TAA	0	0
mORF_-_4532200	4532200	4532205	-	5	6	ATG	TAA	0	0
mORF_-_4532244	4532244	4532333	-	4	90	ATG	TAA	0	0
mORF_-_4532258	4532258	4532395	-	6	138	ATG	TAA	0	0
mORF_-_4532287	4532287	4532328	-	5	42	TTG	TGA	0	0
mORF_-_4532416	4532416	4532487	-	5	72	TTG	TAA	0	0
mORF_-_4532430	4532430	4532456	-	4	27	GTG	TAA	0	0

mORF_-_4532453	4532453	4532530	-	6	78	GTG	TGA	0	0	
mORF_-_4532527	4532527	4532532	-	5	6	GTG	TGA	0	0	
mORF_-_4532563	4532563	4532682	-	5	120	TTG	TAA	0	0	
mORF_-_4532567	4532567	4532698	-	6	132	ATG	TGA	0	0	
mORF_-_4532592	4532592	4532657	-	4	66	ATG	TGA	0	0	
mORF_-_4532676	4532676	4532783	-	4	108	GTG	TGA	0	0	
mORF_-_4532695	4532695	4532751	-	5	57	TTG	TGA	0	0	
mORF_-_4532786	4532786	4532881	-	6	96	TTG	TAA	0	0	
mORF_-_4532800	4532800	4532850	-	5	51	ATG	TGA	0	0	
mORF_-_4532808	4532808	4532936	-	4	129	ATG	TGA	0	0	
mORF_-_4532888	4532888	4532959	-	6	72	ATG	TAG	0	0	
mORF_-_4532956	4532956	4532976	-	5	21	GTG	TGA	0	0	
mORF_-_4532973	4532973	4533203	-	4	231	ATG	TGA	0	0	
mORF_-_4533001	4533001	4533069	-	5	69	ATG	TAG	0	0	
mORF_-_4533047	4533047	4533160	-	6	114	ATG	TAA	0	0	
mORF_-_4533160	4533160	4533261	-	5	102	TTG	TAA	0	0	
mORF_-_4533225	4533225	4533236	-	4	12	ATG	TGA	0	0	
mORF_-_4533252	4533252	4533350	-	4	99	TTG	TAA	0	0	
mORF_-_4533275	4533275	4533298	-	6	24	GTG	TAA	0	0	
mORF_-_4533343	4533343	4533396	-	5	54	TTG	TAG	0	0	
mORF_-_4533347	4533347	4533355	-	6	9	ATG	TGA	0	0	
mORF_-_4533393	4533393	4533410	-	4	18	GTG	TGA	0	0	
mORF_-_4533450	4533450	4533581	-	4	132	TTG	TAA	0	0	
mORF_-_4533509	4533509	4533529	-	6	21	TTG	TGA	0	0	
mORF_-_4533538	4533538	4533621	-	5	84	TTG	TGA	0	0	
mORF_-_4533554	4533554	4533574	-	6	21	TTG	TAA	0	0	
mORF_-_4533578	4533578	4533640	-	6	63	TTG	TGA	0	0	
mORF_-_4533637	4533637	4533768	-	5	132	TTG	TGA	0	0	
mORF_-_4533654	4533654	4533710	-	4	57	TTG	TAA	0	0	
mORF_-_4533668	4533668	4533691	-	6	24	TTG	TAA	0	0	
mORF_-_4533707	4533707	4534105	-	6	399	TTG	TGA	0	0	
mORF_-_4533796	4533796	4533840	-	5	45	TTG	TGA	0	0	
mORF_-_4533877	4533877	4533885	-	5	9	TTG	TGA	0	0	
mORF_-_4533942	4533942	4534022	-	4	81	TTG	TAG	0	0	
mORF_-_4534069	4534069	4534095	-	5	27	ATG	TGA	0	0	
mORF_-_4534165	4534165	4534293	-	5	129	ATG	TAA	0	0	
mORF_-_4534202	4534202	4534243	-	6	42	TTG	TAA	0	0	
mORF_-_4534259	4534259	4534285	-	6	27	ATG	TAG	0	0	
mORF_-_4534297	4534297	4534416	-	5	120	ATG	TAG	0	0	
mORF_-_4534319	4534319	4534339	-	6	21	ATG	TAA	0	0	
mORF_-_4534440	4534440	4534499	-	4	60	GTG	TAA	0	0	
mORF_-_4534453	4534453	4534473	-	5	21	TTG	TAG	0	0	
mORF_-_4534496	4534496	4534621	-	6	126	ATG	TGA	0	0	
mORF_-_4534515	4534515	4534526	-	4	12	TTG	TAA	0	0	
mORF_-_4534561	4534561	4534614	-	5	54	ATG	TAA	0	0	
mORF_-_4534590	4534590	4534652	-	4	63	TTG	TAG	0	0	
mORF_-_4534637	4534637	4535644	-	6	1008	TTG	TGA	0	0	
mORF_-_4534669	4534669	4534674	-	5	6	TTG	TAG	0	0	
mORF_-_4534783	4534783	4534803	-	5	21	ATG	TAA	0	0	
mORF_-_4534816	4534816	4534830	-	5	15	GTG	TGA	0	0	
mORF_-_4534864	4534864	4534902	-	5	39	ATG	TAG	0	0	
mORF_-_4534899	4534899	4534955	-	4	57	GTG	TGA	0	0	
mORF_-_4534996	4534996	4535058	-	5	63	GTG	TAA	0	0	
mORF_-_4535065	4535065	4535073	-	5	9	TTG	TAA	0	0	
mORF_-_4535070	4535070	4535189	-	4	120	TTG	TGA	0	0	
mORF_-_4535149	4535149	4535406	-	5	258	ATG	TAG	0	0	
mORF_-_4535193	4535193	4535267	-	4	75	GTG	TGA	0	0	
mORF_-_4535422	4535422	4535478	-	5	57	TTG	TGA	0	0	
mORF_-_4535439	4535439	4535450	-	4	12	ATG	TAA	0	0	
mORF_-_4535485	4535485	4535586	-	5	102	ATG	TAG	0	0	
mORF_-_4535682	4535682	4536896	-	4	1215	ATG	TAA	5	11	pORF_-_4535682
mORF_-_4535735	4535735	4535767	-	6	33	TTG	TGA	0	0	
mORF_-_4535771	4535771	4535830	-	6	60	GTG	TGA	0	0	

mORF_-_4535836	4535836	4535844	-	5	9	ATG	TAA	0	0	
mORF_-_4535851	4535851	4535859	-	5	9	TTG	TAA	0	0	
mORF_-_4535888	4535888	4535977	-	6	90	ATG	TGA	0	0	
mORF_-_4535981	4535981	4535992	-	6	12	TTG	TAA	0	0	
mORF_-_4536002	4536002	4536031	-	6	30	TTG	TAG	0	0	
mORF_-_4536034	4536034	4536042	-	5	9	ATG	TAA	0	0	
mORF_-_4536044	4536044	4536133	-	6	90	GTG	TAA	0	0	
mORF_-_4536136	4536136	4536195	-	5	60	ATG	TAA	0	0	
mORF_-_4536140	4536140	4536274	-	6	135	ATG	TGA	0	0	
mORF_-_4536284	4536284	4536388	-	6	105	TTG	TAG	0	0	
mORF_-_4536392	4536392	4536397	-	6	6	ATG	TGA	0	0	
mORF_-_4536428	4536428	4536475	-	6	48	ATG	TGA	0	0	
mORF_-_4536433	4536433	4536441	-	5	9	TTG	TAA	0	0	
mORF_-_4536488	4536488	4536541	-	6	54	TTG	TGA	0	0	
mORF_-_4536538	4536538	4536600	-	5	63	ATG	TGA	0	0	
mORF_-_4536604	4536604	4536636	-	5	33	ATG	TAA	0	0	
mORF_-_4536653	4536653	4536745	-	6	93	TTG	TAG	0	0	
mORF_-_4536755	4536755	4536766	-	6	12	TTG	TGA	0	0	
mORF_-_4536808	4536808	4537533	-	5	726	GTG	TAG	0	0	
mORF_-_4536893	4536893	4536964	-	6	72	ATG	TGA	0	0	
mORF_-_4536924	4536924	4537151	-	4	228	TTG	TGA	0	0	
mORF_-_4536968	4536968	4537021	-	6	54	ATG	TAA	0	0	
mORF_-_4537040	4537040	4537069	-	6	30	TTG	TAA	0	0	
mORF_-_4537217	4537217	4537252	-	6	36	ATG	TAG	0	0	
mORF_-_4537227	4537227	4537439	-	4	213	GTG	TAA	1	2	pORF_-_4537227
mORF_-_4537346	4537346	4537381	-	6	36	ATG	TAA	0	0	
mORF_-_4537424	4537424	4537486	-	6	63	GTG	TAG	0	0	
mORF_-_4537511	4537511	4537537	-	6	27	ATG	TAA	0	0	
mORF_-_4537530	4537530	4537577	-	4	48	TTG	TGA	0	0	
mORF_-_4537534	4537534	4537584	-	5	51	ATG	TGA	0	0	
mORF_-_4537614	4537614	4537631	-	4	18	TTG	TAA	0	0	
mORF_-_4537646	4537646	4537690	-	6	45	GTG	TAA	0	0	
mORF_-_4537687	4537687	4537692	-	5	6	ATG	TGA	0	0	
mORF_-_4537774	4537774	4537782	-	5	9	GTG	TAG	0	0	
mORF_-_4537779	4537779	4537790	-	4	12	TTG	TGA	0	0	
mORF_-_4537787	4537787	4537810	-	6	24	ATG	TGA	0	0	
mORF_-_4537797	4537797	4537841	-	4	45	ATG	TAA	0	0	
mORF_-_4537838	4537838	4537930	-	6	93	ATG	TGA	0	0	
mORF_-_4537927	4537927	4537947	-	5	21	GTG	TGA	0	0	
mORF_-_4537934	4537934	4537972	-	6	39	TTG	TAG	0	0	
mORF_-_4537959	4537959	4538009	-	4	51	TTG	TAA	0	0	
mORF_-_4537969	4537969	4538019	-	5	51	GTG	TGA	0	0	
mORF_-_4538016	4538016	4538090	-	4	75	TTG	TGA	0	0	
mORF_-_4538039	4538039	4538074	-	6	36	GTG	TAG	0	0	
mORF_-_4538121	4538121	4538150	-	4	30	TTG	TAA	0	0	
mORF_-_4538135	4538135	4538164	-	6	30	TTG	TAA	0	0	
mORF_-_4538190	4538190	4538327	-	4	138	GTG	TGA	0	0	
mORF_-_4538228	4538228	4538269	-	6	42	GTG	TGA	0	0	
mORF_-_4538324	4538324	4538431	-	6	108	ATG	TGA	0	0	
mORF_-_4538377	4538377	4538409	-	5	33	TTG	TAA	0	0	
mORF_-_4538428	4538428	4538448	-	5	21	ATG	TGA	0	0	
mORF_-_4538453	4538453	4538719	-	6	267	ATG	TAG	0	0	
mORF_-_4538548	4538548	4538613	-	5	66	ATG	TAG	0	0	
mORF_-_4538670	4538670	4538807	-	4	138	TTG	TAA	0	0	
mORF_-_4538689	4538689	4538694	-	5	6	ATG	TGA	0	0	
mORF_-_4538719	4538719	4538847	-	5	129	GTG	TAA	0	0	
mORF_-_4538738	4538738	4538791	-	6	54	ATG	TAA	0	0	
mORF_-_4538819	4538819	4538905	-	6	87	ATG	TAA	0	0	
mORF_-_4538829	4538829	4538837	-	4	9	ATG	TAG	0	0	
mORF_-_4538848	4538848	4538865	-	5	18	GTG	TGA	0	0	
mORF_-_4538871	4538871	4538885	-	4	15	TTG	TAA	0	0	
mORF_-_4538933	4538933	4539040	-	6	108	GTG	TAG	0	0	
mORF_-_4538947	4538947	4539024	-	5	78	ATG	TAG	0	0	

mORF_-_4538964	4538964	4539002	-	4	39	TTG	TAA	0	0	
mORF_-_4539037	4539037	4539186	-	5	150	ATG	TGA	0	0	
mORF_-_4539044	4539044	4539076	-	6	33	GTG	TAA	0	0	
mORF_-_4539161	4539161	4539310	-	6	150	GTG	TAA	0	0	
mORF_-_4539205	4539205	4539216	-	5	12	GTG	TGA	0	0	
mORF_-_4539244	4539244	4539282	-	5	39	ATG	TAA	0	0	
mORF_-_4539307	4539307	4539348	-	5	42	ATG	TGA	0	0	
mORF_-_4539350	4539350	4539385	-	6	36	GTG	TAA	0	0	
mORF_-_4539382	4539382	4539402	-	5	21	GTG	TGA	0	0	
mORF_-_4539393	4539393	4539404	-	4	12	ATG	TGA	0	0	
mORF_-_4539406	4539406	4539570	-	5	165	GTG	TAA	0	0	
mORF_-_4539458	4539458	4539640	-	6	183	TTG	TAA	0	0	
mORF_-_4539468	4539468	4539485	-	4	18	TTG	TAA	0	0	
mORF_-_4539492	4539492	4539518	-	4	27	TTG	TGA	0	0	
mORF_-_4539531	4539531	4539539	-	4	9	ATG	TAA	0	0	
mORF_-_4539616	4539616	4539621	-	5	6	ATG	TAG	0	0	
mORF_-_4539637	4539637	4539654	-	5	18	ATG	TGA	0	0	
mORF_-_4539658	4539658	4539723	-	5	66	ATG	TAA	0	0	
mORF_-_4539705	4539705	4539770	-	4	66	ATG	TAA	0	0	
mORF_-_4539710	4539710	4539751	-	6	42	TTG	TAA	0	0	
mORF_-_4539748	4539748	4539789	-	5	42	GTG	TGA	0	0	
mORF_-_4539779	4539779	4539811	-	6	33	GTG	TAA	0	0	
mORF_-_4539820	4539820	4539900	-	5	81	GTG	TAA	0	0	
mORF_-_4539842	4539842	4539850	-	6	9	GTG	TAA	0	0	
mORF_-_4539873	4539873	4539881	-	4	9	TTG	TGA	0	0	
mORF_-_4539897	4539897	4539902	-	4	6	ATG	TGA	0	0	
mORF_-_4539902	4539902	4540027	-	6	126	ATG	TGA	0	0	
mORF_-_4539930	4539930	4539953	-	4	24	GTG	TAA	0	0	
mORF_-_4540014	4540014	4540031	-	4	18	TTG	TAG	0	0	
mORF_-_4540039	4540039	4540278	-	5	240	GTG	TGA	0	0	
mORF_-_4540079	4540079	4540129	-	6	51	TTG	TAA	0	0	
mORF_-_4540095	4540095	4540103	-	4	9	ATG	TGA	0	0	
mORF_-_4540151	4540151	4540165	-	6	15	ATG	TAA	0	0	
mORF_-_4540282	4540282	4540467	-	5	186	ATG	TAA	0	0	
mORF_-_4540407	4540407	4540415	-	4	9	ATG	TAG	0	0	
mORF_-_4540471	4540471	4540479	-	5	9	ATG	TAA	0	0	
mORF_-_4540522	4540522	4540560	-	5	39	ATG	TAA	0	0	
mORF_-_4540569	4540569	4540625	-	4	57	ATG	TAA	0	0	
mORF_-_4540658	4540658	4540723	-	6	66	ATG	TAA	0	0	
mORF_-_4540678	4540678	4540728	-	5	51	ATG	TAA	0	0	
mORF_-_4540725	4540725	4540778	-	4	54	TTG	TGA	0	0	
mORF_-_4540736	4540736	4540924	-	6	189	ATG	TAA	0	0	
mORF_-_4540765	4540765	4540785	-	5	21	ATG	TAA	0	0	
mORF_-_4540828	4540828	4540911	-	5	84	ATG	TGA	0	0	
mORF_-_4540908	4540908	4540943	-	4	36	TTG	TGA	0	0	
mORF_-_4540951	4540951	4541007	-	5	57	TTG	TAA	0	0	
mORF_-_4541004	4541004	4541027	-	4	24	ATG	TGA	0	0	
mORF_-_4541024	4541024	4541062	-	6	39	TTG	TGA	0	0	
mORF_-_4541059	4541059	4541214	-	5	156	GTG	TGA	1	11	pORF_-_4541059
mORF_-_4541069	4541069	4541101	-	6	33	ATG	TAA	0	0	
mORF_-_4541108	4541108	4541296	-	6	189	TTG	TAA	0	0	
mORF_-_4541145	4541145	4541159	-	4	15	TTG	TAA	0	0	
mORF_-_4541256	4541256	4541348	-	4	93	TTG	TAA	0	0	
mORF_-_4541302	4541302	4541373	-	5	72	ATG	TGA	0	0	
mORF_-_4541367	4541367	4541405	-	4	39	ATG	TAA	0	0	
mORF_-_4541374	4541374	4541397	-	5	24	TTG	TGA	0	0	
mORF_-_4541406	4541406	4541558	-	4	153	ATG	TAG	0	0	
mORF_-_4541426	4541426	4541452	-	6	27	ATG	TAA	0	0	
mORF_-_4541449	4541449	4541598	-	5	150	ATG	TGA	0	0	
mORF_-_4541559	4541559	4541636	-	4	78	TTG	TAA	0	0	
mORF_-_4541564	4541564	4541827	-	6	264	GTG	TGA	0	0	
mORF_-_4541614	4541614	4541670	-	5	57	TTG	TAA	0	0	
mORF_-_4541688	4541688	4541729	-	4	42	GTG	TAG	0	0	

mORF_-_4541710	4541710	4541793	-	5	84	TTG	TAA	0	0
mORF_-_4541775	4541775	4541987	-	4	213	ATG	TAA	0	0
mORF_-_4541852	4541852	4541914	-	6	63	TTG	TGA	0	0
mORF_-_4541926	4541926	4541967	-	5	42	GTG	TGA	0	0
mORF_-_4541984	4541984	4542004	-	6	21	GTG	TGA	0	0
mORF_-_4541988	4541988	4542038	-	4	51	GTG	TAA	0	0
mORF_-_4542035	4542035	4542103	-	6	69	TTG	TGA	0	0
mORF_-_4542148	4542148	4542165	-	5	18	TTG	TAA	0	0
mORF_-_4542179	4542179	4542256	-	6	78	TTG	TAA	0	0
mORF_-_4542198	4542198	4542203	-	4	6	ATG	TAG	0	0
mORF_-_4542284	4542284	4542403	-	6	120	ATG	TGA	0	0
mORF_-_4542343	4542343	4542372	-	5	30	ATG	TGA	0	0
mORF_-_4542400	4542400	4542540	-	5	141	ATG	TGA	0	0
mORF_-_4542444	4542444	4542491	-	4	48	TTG	TAA	0	0
mORF_-_4542528	4542528	4542536	-	4	9	TTG	TAA	0	0
mORF_-_4542533	4542533	4542766	-	6	234	ATG	TGA	0	0
mORF_-_4542577	4542577	4542663	-	5	87	GTG	TAA	0	0
mORF_-_4542627	4542627	4542656	-	4	30	TTG	TAA	0	0
mORF_-_4542694	4542694	4542753	-	5	60	TTG	TAA	0	0
mORF_-_4542787	4542787	4542804	-	5	18	GTG	TAG	0	0
mORF_-_4542862	4542862	4542942	-	5	81	TTG	TAA	0	0
mORF_-_4542878	4542878	4542985	-	6	108	TTG	TAA	0	0
mORF_-_4542988	4542988	4543020	-	5	33	GTG	TAA	0	0
mORF_-_4543010	4543010	4543030	-	6	21	TTG	TAA	0	0
mORF_-_4543021	4543021	4543248	-	5	228	ATG	TAA	0	0
mORF_-_4543134	4543134	4543181	-	4	48	ATG	TAA	0	0
mORF_-_4543142	4543142	4543156	-	6	15	GTG	TAA	0	0
mORF_-_4543264	4543264	4543389	-	5	126	TTG	TAA	0	0
mORF_-_4543308	4543308	4543331	-	4	24	TTG	TAA	0	0
mORF_-_4543335	4543335	4543457	-	4	123	TTG	TAA	0	0
mORF_-_4543379	4543379	4543537	-	6	159	GTG	TAA	0	0
mORF_-_4543399	4543399	4543404	-	5	6	ATG	TGA	0	0
mORF_-_4543405	4543405	4543539	-	5	135	TTG	TAA	0	0
mORF_-_4543530	4543530	4543562	-	4	33	ATG	TAA	0	0
mORF_-_4543552	4543552	4543608	-	5	57	ATG	TAG	0	0
mORF_-_4543631	4543631	4543681	-	6	51	TTG	TAA	0	0
mORF_-_4543647	4543647	4543733	-	4	87	ATG	TAA	0	0
mORF_-_4543690	4543690	4543827	-	5	138	ATG	TGA	0	0
mORF_-_4543733	4543733	4543798	-	6	66	GTG	TAA	0	0
mORF_-_4543805	4543805	4543879	-	6	75	ATG	TAA	0	0
mORF_-_4543827	4543827	4543853	-	4	27	ATG	TGA	0	0
mORF_-_4543887	4543887	4543964	-	4	78	TTG	TAA	0	0
mORF_-_4543922	4543922	4543981	-	6	60	TTG	TGA	0	0
mORF_-_4543945	4543945	4544046	-	5	102	GTG	TAA	0	0
mORF_-_4543986	4543986	4544063	-	4	78	TTG	TAA	0	0
mORF_-_4543997	4543997	4544077	-	6	81	ATG	TGA	0	0
mORF_-_4544056	4544056	4544097	-	5	42	GTG	TAA	0	0
mORF_-_4544078	4544078	4544116	-	6	39	TTG	TAA	0	0
mORF_-_4544123	4544123	4544182	-	6	60	GTG	TAG	0	0
mORF_-_4544208	4544208	4544237	-	4	30	ATG	TGA	0	0
mORF_-_4544243	4544243	4544251	-	6	9	ATG	TAA	0	0
mORF_-_4544251	4544251	4544346	-	5	96	TTG	TAA	0	0
mORF_-_4544316	4544316	4544489	-	4	174	TTG	TAA	0	0
mORF_-_4544375	4544375	4544458	-	6	84	GTG	TAA	0	0
mORF_-_4544386	4544386	4544418	-	5	33	GTG	TAA	0	0
mORF_-_4544449	4544449	4544460	-	5	12	GTG	TAG	0	0
mORF_-_4544504	4544504	4544533	-	6	30	GTG	TAG	0	0
mORF_-_4544578	4544578	4544631	-	5	54	GTG	TAA	0	0
mORF_-_4544615	4544615	4544623	-	6	9	ATG	TAG	0	0
mORF_-_4544645	4544645	4544665	-	6	21	GTG	TGA	0	0
mORF_-_4544672	4544672	4544677	-	6	6	TTG	TAA	0	0
mORF_-_4544684	4544684	4544713	-	6	30	GTG	TAA	0	0
mORF_-_4544703	4544703	4544726	-	4	24	TTG	TAA	0	0

mORF_-_4544716	4544716	4544745	-	5	30	GTG	TAA	0	0
mORF_-_4544720	4544720	4544737	-	6	18	GTG	TGA	0	0
mORF_-_4544739	4544739	4544801	-	4	63	TTG	TGA	0	0
mORF_-_4544771	4544771	4544839	-	6	69	TTG	TAA	0	0
mORF_-_4544814	4544814	4544879	-	4	66	TTG	TAA	0	0
mORF_-_4544891	4544891	4544914	-	6	24	TTG	TGA	0	0
mORF_-_4544898	4544898	4544966	-	4	69	ATG	TAA	0	0
mORF_-_4544923	4544923	4544991	-	5	69	GTG	TGA	0	0
mORF_-_4544978	4544978	4545055	-	6	78	TTG	TAG	0	0
mORF_-_4544988	4544988	4545230	-	4	243	ATG	TGA	0	0
mORF_-_4545119	4545119	4545127	-	6	9	GTG	TAG	0	0
mORF_-_4545146	4545146	4545160	-	6	15	TTG	TAA	0	0
mORF_-_4545227	4545227	4545235	-	6	9	TTG	TGA	0	0
mORF_-_4545280	4545280	4545306	-	5	27	TTG	TAA	0	0
mORF_-_4545362	4545362	4545592	-	6	231	ATG	TAA	0	0
mORF_-_4545429	4545429	4545530	-	4	102	GTG	TAA	0	0
mORF_-_4545514	4545514	4545567	-	5	54	ATG	TGA	0	0
mORF_-_4545619	4545619	4545705	-	5	87	GTG	TGA	0	0
mORF_-_4545633	4545633	4545698	-	4	66	TTG	TAA	0	0
mORF_-_4545677	4545677	4545691	-	6	15	TTG	TGA	0	0
mORF_-_4545738	4545738	4545821	-	4	84	GTG	TGA	0	0
mORF_-_4545752	4545752	4545775	-	6	24	TTG	TAA	0	0
mORF_-_4545818	4545818	4545841	-	6	24	GTG	TGA	0	0
mORF_-_4545857	4545857	4546060	-	6	204	TTG	TAG	0	0
mORF_-_4545862	4545862	4545897	-	5	36	TTG	TGA	0	0
mORF_-_4545894	4545894	4545938	-	4	45	TTG	TGA	0	0
mORF_-_4545940	4545940	4545993	-	5	54	GTG	TAA	0	0
mORF_-_4545990	4545990	4546052	-	4	63	GTG	TGA	0	0
mORF_-_4546030	4546030	4546071	-	5	42	GTG	TAA	0	0
mORF_-_4546086	4546086	4546136	-	4	51	TTG	TGA	0	0
mORF_-_4546144	4546144	4546233	-	5	90	GTG	TAA	0	0
mORF_-_4546211	4546211	4546279	-	6	69	GTG	TAA	0	0
mORF_-_4546221	4546221	4546622	-	4	402	TTG	TAG	0	0
mORF_-_4546289	4546289	4546447	-	6	159	GTG	TGA	0	0
mORF_-_4546306	4546306	4546359	-	5	54	TTG	TGA	0	0
mORF_-_4546466	4546466	4546561	-	6	96	GTG	TAA	0	0
mORF_-_4546480	4546480	4546500	-	5	21	ATG	TAA	0	0
mORF_-_4546570	4546570	4546707	-	5	138	GTG	TGA	0	0
mORF_-_4546598	4546598	4546681	-	6	84	TTG	TAA	0	0
mORF_-_4546688	4546688	4546762	-	6	75	GTG	TGA	0	0
mORF_-_4546704	4546704	4546709	-	4	6	TTG	TGA	0	0
mORF_-_4546710	4546710	4546718	-	4	9	GTG	TGA	0	0
mORF_-_4546725	4546725	4546949	-	4	225	TTG	TAA	0	0
mORF_-_4546732	4546732	4546740	-	5	9	ATG	TGA	0	0
mORF_-_4546763	4546763	4546774	-	6	12	ATG	TGA	0	0
mORF_-_4546775	4546775	4546795	-	6	21	GTG	TGA	0	0
mORF_-_4546844	4546844	4546894	-	6	51	ATG	TAA	0	0
mORF_-_4546891	4546891	4547070	-	5	180	TTG	TGA	0	0
mORF_-_4547034	4547034	4547048	-	4	15	ATG	TAA	0	0
mORF_-_4547055	4547055	4547063	-	4	9	GTG	TAG	0	0
mORF_-_4547060	4547060	4547065	-	6	6	GTG	TGA	0	0
mORF_-_4547099	4547099	4547143	-	6	45	ATG	TAG	0	0
mORF_-_4547136	4547136	4547153	-	4	18	GTG	TAG	0	0
mORF_-_4547214	4547214	4547300	-	4	87	TTG	TAA	0	0
mORF_-_4547252	4547252	4547266	-	6	15	ATG	TAA	0	0
mORF_-_4547337	4547337	4547399	-	4	63	GTG	TAA	0	0
mORF_-_4547402	4547402	4547434	-	6	33	TTG	TAA	0	0
mORF_-_4547425	4547425	4547466	-	5	42	TTG	TGA	0	0
mORF_-_4547441	4547441	4547494	-	6	54	TTG	TAA	0	0
mORF_-_4547478	4547478	4547603	-	4	126	GTG	TAA	0	0
mORF_-_4547519	4547519	4547548	-	6	30	GTG	TGA	0	0
mORF_-_4547585	4547585	4547665	-	6	81	GTG	TAA	0	0
mORF_-_4547647	4547647	4547742	-	5	96	GTG	TAA	0	0

mORF_-_4547705	4547705	4547749	-	6	45	ATG	TAA	0	0
mORF_-_4547739	4547739	4547768	-	4	30	TTG	TGA	0	0
mORF_-_4547752	4547752	4547856	-	5	105	GTG	TAG	0	0
mORF_-_4547771	4547771	4547794	-	6	24	GTG	TAA	0	0
mORF_-_4547796	4547796	4547849	-	4	54	TTG	TAA	0	0
mORF_-_4547825	4547825	4547938	-	6	114	ATG	TGA	0	0
mORF_-_4547875	4547875	4547922	-	5	48	ATG	TGA	0	0
mORF_-_4547938	4547938	4547955	-	5	18	ATG	TGA	0	0
mORF_-_4547976	4547976	4549319	-	4	1344	ATG	TAA	0	0
mORF_-_4547996	4547996	4548004	-	6	9	TTG	TGA	0	0
mORF_-_4548008	4548008	4548016	-	6	9	TTG	TGA	0	0
mORF_-_4548065	4548065	4548109	-	6	45	ATG	TAA	0	0
mORF_-_4548112	4548112	4548291	-	5	180	ATG	TAA	0	0
mORF_-_4548170	4548170	4548178	-	6	9	TTG	TGA	0	0
mORF_-_4548200	4548200	4548214	-	6	15	GTG	TAG	0	0
mORF_-_4548233	4548233	4548250	-	6	18	GTG	TGA	0	0
mORF_-_4548326	4548326	4548349	-	6	24	TTG	TGA	0	0
mORF_-_4548374	4548374	4548391	-	6	18	GTG	TGA	0	0
mORF_-_4548404	4548404	4548415	-	6	12	TTG	TGA	0	0
mORF_-_4548422	4548422	4548436	-	6	15	TTG	TGA	0	0
mORF_-_4548433	4548433	4548453	-	5	21	GTG	TGA	0	0
mORF_-_4548446	4548446	4548520	-	6	75	TTG	TGA	0	0
mORF_-_4548686	4548686	4548712	-	6	27	TTG	TGA	0	0
mORF_-_4548752	4548752	4548757	-	6	6	GTG	TAA	0	0
mORF_-_4548767	4548767	4548817	-	6	51	ATG	TGA	0	0
mORF_-_4548899	4548899	4548934	-	6	36	TTG	TGA	0	0
mORF_-_4548947	4548947	4548988	-	6	42	TTG	TAG	0	0
mORF_-_4549007	4549007	4549024	-	6	18	ATG	TGA	0	0
mORF_-_4549088	4549088	4549108	-	6	21	GTG	TGA	0	0
mORF_-_4549274	4549274	4549315	-	6	42	ATG	TGA	0	0
mORF_-_4549306	4549306	4549383	-	5	78	TTG	TAA	0	0
mORF_-_4549367	4549367	4549405	-	6	39	GTG	TAA	0	0
mORF_-_4549380	4549380	4549514	-	4	135	ATG	TGA	0	0
mORF_-_4549402	4549402	4549425	-	5	24	ATG	TGA	0	0
mORF_-_4549415	4549415	4549444	-	6	30	TTG	TGA	0	0
mORF_-_4549429	4549429	4549461	-	5	33	ATG	TAA	0	0
mORF_-_4549486	4549486	4549638	-	5	153	GTG	TAA	0	0
mORF_-_4549518	4549518	4549586	-	4	69	ATG	TAA	0	0
mORF_-_4549595	4549595	4549660	-	6	66	ATG	TAG	0	0
mORF_-_4549657	4549657	4549731	-	5	75	TTG	TGA	0	0
mORF_-_4549704	4549704	4550720	-	4	1017	ATG	TAA	0	0
mORF_-_4549718	4549718	4549813	-	6	96	ATG	TGA	0	0
mORF_-_4549810	4549810	4549857	-	5	48	TTG	TGA	0	0
mORF_-_4549859	4549859	4549888	-	6	30	TTG	TGA	0	0
mORF_-_4549913	4549913	4549954	-	6	42	GTG	TGA	0	0
mORF_-_4549961	4549961	4550029	-	6	69	TTG	TAG	0	0
mORF_-_4549969	4549969	4550064	-	5	96	ATG	TGA	0	0
mORF_-_4550105	4550105	4550110	-	6	6	GTG	TAA	0	0
mORF_-_4550126	4550126	4550191	-	6	66	ATG	TGA	0	0
mORF_-_4550219	4550219	4550272	-	6	54	TTG	TAG	0	0
mORF_-_4550314	4550314	4550454	-	5	141	TTG	TAA	0	0
mORF_-_4550354	4550354	4550473	-	6	120	GTG	TGA	0	0
mORF_-_4550480	4550480	4550521	-	6	42	TTG	TAG	0	0
mORF_-_4550540	4550540	4550683	-	6	144	TTG	TAA	0	0
mORF_-_4550545	4550545	4550769	-	5	225	TTG	TGA	0	0
mORF_-_4550720	4550720	4550752	-	6	33	TTG	TGA	0	0
mORF_-_4550833	4550833	4550946	-	5	114	TTG	TAA	0	0
mORF_-_4550931	4550931	4550993	-	4	63	GTG	TAG	0	0
mORF_-_4550966	4550966	4550977	-	6	12	ATG	TGA	0	0
mORF_-_4550974	4550974	4550997	-	5	24	ATG	TGA	0	0
mORF_-_4550990	4550990	4551280	-	6	291	TTG	TGA	0	0
mORF_-_4551052	4551052	4551306	-	5	255	GTG	TGA	0	0
mORF_-_4551296	4551296	4551502	-	6	207	ATG	TAG	2	18

mORF_-_4551303	4551303	4551335	-	4	33	TTG	TGA	0	0	
mORF_-_4551340	4551340	4551369	-	5	30	TTG	TGA	0	0	
mORF_-_4551412	4551412	4551417	-	5	6	ATG	TAA	0	0	
mORF_-_4551462	4551462	4551560	-	4	99	ATG	TAA	0	0	
mORF_-_4551532	4551532	4551606	-	5	75	ATG	TGA	0	0	
mORF_-_4551632	4551632	4552018	-	6	387	GTG	TAA	0	0	
mORF_-_4551661	4551661	4551678	-	5	18	ATG	TAA	0	0	
mORF_-_4551723	4551723	4551758	-	4	36	GTG	TAA	0	0	
mORF_-_4551853	4551853	4551873	-	5	21	GTG	TAG	0	0	
mORF_-_4551879	4551879	4551935	-	4	57	TTG	TAG	0	0	
mORF_-_4551889	4551889	4551897	-	5	9	TTG	TAA	0	0	
mORF_-_4551970	4551970	4552002	-	5	33	TTG	TAG	0	0	
mORF_-_4552055	4552055	4552117	-	6	63	GTG	TAA	0	0	
mORF_-_4552147	4552147	4552224	-	5	78	TTG	TAA	0	0	
mORF_-_4552221	4552221	4552334	-	4	114	ATG	TGA	0	0	
mORF_-_4552393	4552393	4552416	-	5	24	TTG	TAA	0	0	
mORF_-_4552406	4552406	4552612	-	6	207	GTG	TAA	2	12	pORF_-_4552406
mORF_-_4552413	4552413	4552472	-	4	60	TTG	TGA	0	0	
mORF_-_4552482	4552482	4552556	-	4	75	ATG	TAG	0	0	
mORF_-_4552546	4552546	4552581	-	5	36	GTG	TGA	0	0	
mORF_-_4552572	4552572	4552622	-	4	51	TTG	TAA	0	0	
mORF_-_4552628	4552628	4552777	-	6	150	TTG	TAA	0	0	
mORF_-_4552811	4552811	4552969	-	6	159	TTG	TAG	0	0	
mORF_-_4552908	4552908	4553201	-	4	294	GTG	TAA	0	0	
mORF_-_4552966	4552966	4552983	-	5	18	ATG	TGA	0	0	
mORF_-_4552976	4552976	4553086	-	6	111	ATG	TGA	0	0	
mORF_-_4553059	4553059	4553136	-	5	78	TTG	TAG	0	0	
mORF_-_4553105	4553105	4553182	-	6	78	TTG	TGA	0	0	
mORF_-_4553198	4553198	4553227	-	6	30	TTG	TGA	0	0	
mORF_-_4553220	4553220	4553285	-	4	66	TTG	TAA	0	0	
mORF_-_4553224	4553224	4553256	-	5	33	TTG	TGA	0	0	
mORF_-_4553278	4553278	4553346	-	5	69	ATG	TAA	0	0	
mORF_-_4553377	4553377	4553433	-	5	57	TTG	TAA	0	0	
mORF_-_4553420	4553420	4553500	-	6	81	ATG	TAA	0	0	
mORF_-_4553497	4553497	4553541	-	5	45	ATG	TGA	0	0	
mORF_-_4553513	4553513	4554343	-	6	831	ATG	TAA	0	0	
mORF_-_4553517	4553517	4553534	-	4	18	ATG	TAA	0	0	
mORF_-_4553545	4553545	4553553	-	5	9	TTG	TAA	0	0	
mORF_-_4553584	4553584	4553643	-	5	60	ATG	TGA	0	0	
mORF_-_4553671	4553671	4553679	-	5	9	TTG	TAG	0	0	
mORF_-_4553680	4553680	4553727	-	5	48	TTG	TAA	0	0	
mORF_-_4553767	4553767	4553805	-	5	39	ATG	TAA	0	0	
mORF_-_4553802	4553802	4553885	-	4	84	TTG	TGA	0	0	
mORF_-_4553851	4553851	4553880	-	5	30	ATG	TAG	0	0	
mORF_-_4553899	4553899	4553925	-	5	27	TTG	TAA	0	0	
mORF_-_4553974	4553974	4554015	-	5	42	ATG	TAG	0	0	
mORF_-_4554000	4554000	4554098	-	4	99	ATG	TAA	0	0	
mORF_-_4554043	4554043	4554084	-	5	42	ATG	TGA	0	0	
mORF_-_4554106	4554106	4554240	-	5	135	ATG	TGA	0	0	
mORF_-_4554114	4554114	4554125	-	4	12	TTG	TAA	0	0	
mORF_-_4554244	4554244	4554264	-	5	21	GTG	TAA	0	0	
mORF_-_4554261	4554261	4554434	-	4	174	ATG	TGA	0	0	
mORF_-_4554271	4554271	4554324	-	5	54	ATG	TAG	0	0	
mORF_-_4554356	4554356	4554370	-	6	15	GTG	TAA	0	0	
mORF_-_4554367	4554367	4554456	-	5	90	TTG	TGA	0	0	
mORF_-_4554377	4554377	4554430	-	6	54	ATG	TAA	0	0	
mORF_-_4554459	4554459	4554464	-	4	6	GTG	TAG	0	0	
mORF_-_4554472	4554472	4554489	-	5	18	GTG	TAA	0	0	
mORF_-_4554491	4554491	4554544	-	6	54	ATG	TAG	0	0	
mORF_-_4554499	4554499	4554513	-	5	15	ATG	TGA	0	0	
mORF_-_4554510	4554510	4554533	-	4	24	TTG	TGA	0	0	
mORF_-_4554586	4554586	4554639	-	5	54	TTG	TAG	0	0	
mORF_-_4554646	4554646	4554678	-	5	33	ATG	TAA	0	0	

mORF_-_4554650	4554650	4554655	-	6	6	TTG	TAA	0	0	
mORF_-_4554666	4554666	4554710	-	4	45	GTG	TGA	0	0	
mORF_-_4554685	4554685	4554735	-	5	51	TTG	TAA	0	0	
mORF_-_4554716	4554716	4554745	-	6	30	ATG	TAA	0	0	
mORF_-_4554754	4554754	4554813	-	5	60	TTG	TAG	0	0	
mORF_-_4554810	4554810	4554818	-	4	9	ATG	TGA	0	0	
mORF_-_4554837	4554837	4554857	-	4	21	TTG	TGA	0	0	
mORF_-_4554897	4554897	4554953	-	4	57	TTG	TGA	0	0	
mORF_-_4554934	4554934	4554987	-	5	54	ATG	TAG	0	0	
mORF_-_4554972	4554972	4555073	-	4	102	ATG	TGA	0	0	
mORF_-_4554994	4554994	4555014	-	5	21	TTG	TAG	0	0	
mORF_-_4555001	4555001	4555027	-	6	27	TTG	TGA	0	0	
mORF_-_4555033	4555033	4555107	-	5	75	GTG	TGA	0	0	
mORF_-_4555070	4555070	4555126	-	6	57	ATG	TGA	0	0	
mORF_-_4555113	4555113	4555250	-	4	138	GTG	TAA	0	0	
mORF_-_4555123	4555123	4555191	-	5	69	TTG	TGA	0	0	
mORF_-_4555151	4555151	4555195	-	6	45	ATG	TGA	0	0	
mORF_-_4555235	4555235	4555330	-	6	96	GTG	TAA	0	0	
mORF_-_4555240	4555240	4555296	-	5	57	GTG	TGA	0	0	
mORF_-_4555343	4555343	4555453	-	6	111	TTG	TAG	0	0	
mORF_-_4555401	4555401	4556312	-	4	912	ATG	TGA	1	2	pORF_-_4555401
mORF_-_4555472	4555472	4555486	-	6	15	ATG	TGA	0	0	
mORF_-_4555520	4555520	4555603	-	6	84	TTG	TGA	0	0	
mORF_-_4555622	4555622	4555636	-	6	15	TTG	TGA	0	0	
mORF_-_4555652	4555652	4555660	-	6	9	GTG	TAA	0	0	
mORF_-_4555718	4555718	4555921	-	6	204	TTG	TGA	0	0	
mORF_-_4555997	4555997	4556035	-	6	39	GTG	TAG	0	0	
mORF_-_4556126	4556126	4556173	-	6	48	GTG	TAA	0	0	
mORF_-_4556146	4556146	4556241	-	5	96	ATG	TGA	0	0	
mORF_-_4556252	4556252	4556308	-	6	57	ATG	TGA	0	0	
mORF_-_4556260	4556260	4556271	-	5	12	ATG	TGA	0	0	
mORF_-_4556305	4556305	4556346	-	5	42	ATG	TGA	0	0	
mORF_-_4556319	4556319	4556390	-	4	72	TTG	TAA	0	0	
mORF_-_4556377	4556377	4557549	-	5	1173	ATG	TAA	28	152	pORF_-_4556377
mORF_-_4556427	4556427	4556456	-	4	30	TTG	TGA	0	0	
mORF_-_4556472	4556472	4556495	-	4	24	ATG	TGA	0	0	
mORF_-_4556541	4556541	4556642	-	4	102	GTG	TAG	0	0	
mORF_-_4556652	4556652	4556990	-	4	339	TTG	TAA	0	0	
mORF_-_4557050	4557050	4557064	-	6	15	ATG	TGA	0	0	
mORF_-_4557066	4557066	4557074	-	4	9	TTG	TGA	0	0	
mORF_-_4557075	4557075	4557137	-	4	63	ATG	TGA	0	0	
mORF_-_4557150	4557150	4557248	-	4	99	TTG	TGA	0	0	
mORF_-_4557282	4557282	4557335	-	4	54	TTG	TAA	0	0	
mORF_-_4557336	4557336	4557545	-	4	210	TTG	TGA	0	0	
mORF_-_4557455	4557455	4557475	-	6	21	TTG	TAA	0	0	
mORF_-_4557546	4557546	4557569	-	4	24	TTG	TGA	0	0	
mORF_-_4557562	4557562	4558023	-	5	462	ATG	TAA	0	0	
mORF_-_4557606	4557606	4557644	-	4	39	ATG	TGA	0	0	
mORF_-_4557645	4557645	4557677	-	4	33	ATG	TGA	0	0	
mORF_-_4557696	4557696	4557728	-	4	33	ATG	TAA	0	0	
mORF_-_4557738	4557738	4557785	-	4	48	GTG	TAA	0	0	
mORF_-_4557804	4557804	4557827	-	4	24	GTG	TAG	0	0	
mORF_-_4557824	4557824	4557841	-	6	18	GTG	TGA	0	0	
mORF_-_4557849	4557849	4557860	-	4	12	GTG	TAA	0	0	
mORF_-_4557857	4557857	4558096	-	6	240	TTG	TGA	0	0	
mORF_-_4557897	4557897	4557917	-	4	21	TTG	TGA	0	0	
mORF_-_4557924	4557924	4557980	-	4	57	ATG	TGA	0	0	
mORF_-_4558020	4558020	4558715	-	4	696	ATG	TGA	1	2	pORF_-_4558020
mORF_-_4558130	4558130	4558153	-	6	24	TTG	TAA	0	0	
mORF_-_4558223	4558223	4558249	-	6	27	GTG	TGA	0	0	
mORF_-_4558271	4558271	4558288	-	6	18	ATG	TGA	0	0	
mORF_-_4558367	4558367	4558540	-	6	174	TTG	TAA	0	0	
mORF_-_4558550	4558550	4558603	-	6	54	GTG	TGA	0	0	

mORF_-_4558564	4558564	4558578	-	5	15	GTG	TGA	0	0	
mORF_-_4558645	4558645	4558833	-	5	189	ATG	TAA	0	0	
mORF_-_4558679	4558679	4558687	-	6	9	ATG	TAG	0	0	
mORF_-_4558700	4558700	4558804	-	6	105	TTG	TGA	0	0	
mORF_-_4558776	4558776	4558901	-	4	126	TTG	TGA	0	0	
mORF_-_4558844	4558844	4559143	-	6	300	GTG	TAA	0	0	
mORF_-_4558891	4558891	4558959	-	5	69	TTG	TGA	0	0	
mORF_-_4558998	4558998	4559093	-	4	96	TTG	TAA	0	0	
mORF_-_4559077	4559077	4559121	-	5	45	ATG	TGA	0	0	
mORF_-_4559109	4559109	4559384	-	4	276	GTG	TAA	1	3	pORF_-_4559109
mORF_-_4559165	4559165	4559188	-	6	24	ATG	TAA	0	0	
mORF_-_4559224	4559224	4559379	-	5	156	TTG	TAG	0	0	
mORF_-_4559330	4559330	4559629	-	6	300	ATG	TAG	0	0	
mORF_-_4559400	4559400	4559450	-	4	51	TTG	TAA	0	0	
mORF_-_4559407	4559407	4559523	-	5	117	ATG	TGA	0	0	
mORF_-_4559520	4559520	4560698	-	4	1179	ATG	TGA	0	0	
mORF_-_4559542	4559542	4560186	-	5	645	ATG	TAA	0	0	
mORF_-_4559645	4559645	4559671	-	6	27	TTG	TGA	0	0	
mORF_-_4559687	4559687	4559692	-	6	6	TTG	TGA	0	0	
mORF_-_4559744	4559744	4559839	-	6	96	GTG	TGA	0	0	
mORF_-_4559867	4559867	4559929	-	6	63	TTG	TGA	0	0	
mORF_-_4559963	4559963	4560028	-	6	66	TTG	TAA	0	0	
mORF_-_4560131	4560131	4560148	-	6	18	TTG	TAA	0	0	
mORF_-_4560155	4560155	4560286	-	6	132	TTG	TGA	0	0	
mORF_-_4560232	4560232	4560540	-	5	309	GTG	TGA	0	0	
mORF_-_4560311	4560311	4560325	-	6	15	TTG	TGA	0	0	
mORF_-_4560329	4560329	4560352	-	6	24	GTG	TGA	0	0	
mORF_-_4560413	4560413	4560535	-	6	123	TTG	TGA	0	0	
mORF_-_4560550	4560550	4560756	-	5	207	ATG	TAG	0	0	
mORF_-_4560726	4560726	4560848	-	4	123	TTG	TAA	0	0	
mORF_-_4560766	4560766	4561737	-	5	972	ATG	TAA	0	0	
mORF_-_4560897	4560897	4560926	-	4	30	TTG	TAA	0	0	
mORF_-_4560933	4560933	4561016	-	4	84	ATG	TAA	0	0	
mORF_-_4561017	4561017	4561067	-	4	51	ATG	TAG	0	0	
mORF_-_4561074	4561074	4561166	-	4	93	TTG	TAA	0	0	
mORF_-_4561163	4561163	4561174	-	6	12	TTG	TGA	0	0	
mORF_-_4561248	4561248	4561364	-	4	117	ATG	TGA	0	0	
mORF_-_4561371	4561371	4561382	-	4	12	TTG	TGA	0	0	
mORF_-_4561458	4561458	4561574	-	4	117	TTG	TAA	0	0	
mORF_-_4561526	4561526	4561558	-	6	33	GTG	TAA	0	0	
mORF_-_4561581	4561581	4561586	-	4	6	TTG	TGA	0	0	
mORF_-_4561637	4561637	4561645	-	6	9	TTG	TAA	0	0	
mORF_-_4561680	4561680	4561748	-	4	69	TTG	TAA	0	0	
mORF_-_4561691	4561691	4561948	-	6	258	ATG	TAA	0	0	
mORF_-_4561758	4561758	4561820	-	4	63	ATG	TGA	0	0	
mORF_-_4561807	4561807	4561845	-	5	39	GTG	TGA	0	0	
mORF_-_4561945	4561945	4562718	-	5	774	GTG	TGA	0	0	
mORF_-_4561959	4561959	4561973	-	4	15	TTG	TGA	0	0	
mORF_-_4561974	4561974	4562009	-	4	36	ATG	TAA	0	0	
mORF_-_4562009	4562009	4562071	-	6	63	TTG	TGA	0	0	
mORF_-_4562022	4562022	4562135	-	4	114	GTG	TAA	0	0	
mORF_-_4562157	4562157	4562303	-	4	147	TTG	TGA	0	0	
mORF_-_4562219	4562219	4562350	-	6	132	ATG	TGA	0	0	
mORF_-_4562316	4562316	4562357	-	4	42	ATG	TGA	0	0	
mORF_-_4562354	4562354	4562374	-	6	21	GTG	TGA	0	0	
mORF_-_4562361	4562361	4562393	-	4	33	TTG	TGA	0	0	
mORF_-_4562400	4562400	4562420	-	4	21	GTG	TGA	0	0	
mORF_-_4562430	4562430	4562453	-	4	24	TTG	TAA	0	0	
mORF_-_4562490	4562490	4562507	-	4	18	TTG	TAA	0	0	
mORF_-_4562643	4562643	4562831	-	4	189	ATG	TGA	0	0	
mORF_-_4562722	4562722	4563894	-	5	1173	GTG	TAA	2	12	pORF_-_4562722
mORF_-_4562837	4562837	4562872	-	6	36	GTG	TAA	0	0	
mORF_-_4562883	4562883	4562891	-	4	9	TTG	TGA	0	0	

mORF_-_4562892	4562892	4562900	-	4	9	ATG	TAG	0	0	
mORF_-_4562937	4562937	4563128	-	4	192	TTG	TGA	0	0	
mORF_-_4562987	4562987	4563031	-	6	45	ATG	TAA	0	0	
mORF_-_4563092	4563092	4563187	-	6	96	GTG	TGA	0	0	
mORF_-_4563207	4563207	4563224	-	4	18	ATG	TGA	0	0	
mORF_-_4563306	4563306	4563317	-	4	12	TTG	TAA	0	0	
mORF_-_4563357	4563357	4563404	-	4	48	TTG	TGA	0	0	
mORF_-_4563389	4563389	4563451	-	6	63	ATG	TAG	0	0	
mORF_-_4563414	4563414	4563467	-	4	54	ATG	TAG	0	0	
mORF_-_4563495	4563495	4563563	-	4	69	GTG	TGA	0	0	
mORF_-_4563560	4563560	4563598	-	6	39	ATG	TGA	0	0	
mORF_-_4563633	4563633	4563917	-	4	285	GTG	TGA	0	0	
mORF_-_4563827	4563827	4563970	-	6	144	GTG	TGA	0	0	
mORF_-_4563963	4563963	4564055	-	4	93	TTG	TAA	0	0	
mORF_-_4563971	4563971	4563982	-	6	12	ATG	TAA	0	0	
mORF_-_4563989	4563989	4565269	-	6	1281	ATG	TAG	1	2	pORF_-_4563989
mORF_-_4564042	4564042	4564080	-	5	39	GTG	TAA	0	0	
mORF_-_4564114	4564114	4564140	-	5	27	ATG	TAG	0	0	
mORF_-_4564174	4564174	4564230	-	5	57	ATG	TGA	0	0	
mORF_-_4564231	4564231	4564260	-	5	30	TTG	TAA	0	0	
mORF_-_4564251	4564251	4564280	-	4	30	ATG	TGA	0	0	
mORF_-_4564261	4564261	4564275	-	5	15	TTG	TAA	0	0	
mORF_-_4564306	4564306	4564323	-	5	18	GTG	TGA	0	0	
mORF_-_4564320	4564320	4564364	-	4	45	GTG	TGA	0	0	
mORF_-_4564339	4564339	4564395	-	5	57	ATG	TGA	0	0	
mORF_-_4564414	4564414	4564422	-	5	9	ATG	TAA	0	0	
mORF_-_4564465	4564465	4564533	-	5	69	TTG	TGA	0	0	
mORF_-_4564569	4564569	4564586	-	4	18	ATG	TAG	0	0	
mORF_-_4564609	4564609	4564641	-	5	33	TTG	TGA	0	0	
mORF_-_4564756	4564756	4564839	-	5	84	ATG	TGA	0	0	
mORF_-_4564861	4564861	4564926	-	5	66	TTG	TGA	0	0	
mORF_-_4564954	4564954	4565142	-	5	189	TTG	TGA	0	0	
mORF_-_4565136	4565136	4565165	-	4	30	TTG	TGA	0	0	
mORF_-_4565158	4565158	4565196	-	5	39	TTG	TGA	0	0	
mORF_-_4565266	4565266	4565313	-	5	48	GTG	TGA	0	0	
mORF_-_4565274	4565274	4565306	-	4	33	TTG	TAA	0	0	
mORF_-_4565310	4565310	4566641	-	4	1332	TTG	TGA	0	0	
mORF_-_4565324	4565324	4565401	-	6	78	TTG	TAG	0	0	
mORF_-_4565434	4565434	4565442	-	5	9	ATG	TAA	0	0	
mORF_-_4565527	4565527	4565613	-	5	87	GTG	TAA	0	0	
mORF_-_4565567	4565567	4565647	-	6	81	TTG	TGA	0	0	
mORF_-_4565648	4565648	4565749	-	6	102	TTG	TGA	0	0	
mORF_-_4565716	4565716	4565907	-	5	192	TTG	TAA	0	0	
mORF_-_4565798	4565798	4565812	-	6	15	ATG	TAA	0	0	
mORF_-_4565864	4565864	4565914	-	6	51	ATG	TAA	0	0	
mORF_-_4565944	4565944	4566348	-	5	405	GTG	TAG	0	0	
mORF_-_4565966	4565966	4566034	-	6	69	TTG	TGA	0	0	
mORF_-_4566062	4566062	4566100	-	6	39	TTG	TGA	0	0	
mORF_-_4566128	4566128	4566220	-	6	93	GTG	TGA	0	0	
mORF_-_4566239	4566239	4566274	-	6	36	TTG	TGA	0	0	
mORF_-_4566299	4566299	4566430	-	6	132	ATG	TGA	0	0	
mORF_-_4566449	4566449	4566481	-	6	33	ATG	TGA	0	0	
mORF_-_4566478	4566478	4566573	-	5	96	TTG	TGA	0	0	
mORF_-_4566488	4566488	4566592	-	6	105	TTG	TGA	0	0	
mORF_-_4566589	4566589	4566684	-	5	96	GTG	TGA	0	0	
mORF_-_4566654	4566654	4566686	-	4	33	GTG	TGA	0	0	
mORF_-_4566715	4566715	4566792	-	5	78	GTG	TGA	0	0	
mORF_-_4566731	4566731	4566736	-	6	6	TTG	TAA	0	0	
mORF_-_4566744	4566744	4566779	-	4	36	ATG	TGA	0	0	
mORF_-_4566752	4566752	4566757	-	6	6	GTG	TAA	0	0	
mORF_-_4566804	4566804	4566824	-	4	21	TTG	TAA	0	0	
mORF_-_4566817	4566817	4567050	-	5	234	ATG	TAA	0	0	
mORF_-_4566987	4566987	4567088	-	4	102	GTG	TGA	0	0	

mORF_-_4567001	4567001	4567027	-	6	27	TTG	TGA	0	0
mORF_-_4567031	4567031	4567057	-	6	27	ATG	TGA	0	0
mORF_-_4567057	4567057	4567113	-	5	57	GTG	TAA	0	0
mORF_-_4567198	4567198	4567203	-	5	6	GTG	TAG	0	0
mORF_-_4567213	4567213	4567347	-	5	135	ATG	TAA	0	0
mORF_-_4567269	4567269	4567286	-	4	18	ATG	TGA	0	0
mORF_-_4567311	4567311	4567376	-	4	66	ATG	TAG	0	0
mORF_-_4567384	4567384	4567605	-	5	222	TTG	TAG	0	0
mORF_-_4567454	4567454	4567462	-	6	9	GTG	TAG	0	0
mORF_-_4567665	4567665	4567670	-	4	6	ATG	TAA	0	0
mORF_-_4567672	4567672	4567881	-	5	210	TTG	TAA	0	0
mORF_-_4567718	4567718	4567735	-	6	18	GTG	TAA	0	0
mORF_-_4567773	4567773	4567808	-	4	36	ATG	TGA	0	0
mORF_-_4567859	4567859	4567927	-	6	69	ATG	TAA	0	0
mORF_-_4567920	4567920	4567934	-	4	15	TTG	TAG	0	0
mORF_-_4567938	4567938	4568006	-	4	69	ATG	TAG	0	0
mORF_-_4567994	4567994	4567999	-	6	6	ATG	TAG	0	0
mORF_-_4568006	4568006	4568062	-	6	57	ATG	TAA	0	0
mORF_-_4568044	4568044	4568055	-	5	12	GTG	TGA	0	0
mORF_-_4568052	4568052	4568075	-	4	24	TTG	TGA	0	0
mORF_-_4568088	4568088	4568138	-	4	51	GTG	TAA	0	0
mORF_-_4568093	4568093	4568122	-	6	30	TTG	TGA	0	0
mORF_-_4568135	4568135	4568149	-	6	15	ATG	TGA	0	0
mORF_-_4568142	4568142	4568216	-	4	75	TTG	TAA	0	0
mORF_-_4568174	4568174	4568278	-	6	105	TTG	TAG	0	0
mORF_-_4568185	4568185	4569597	-	5	1413	ATG	TAA	0	0
mORF_-_4568279	4568279	4568341	-	6	63	GTG	TAA	0	0
mORF_-_4568375	4568375	4568392	-	6	18	GTG	TGA	0	0
mORF_-_4568385	4568385	4568567	-	4	183	ATG	TAG	0	0
mORF_-_4568598	4568598	4568765	-	4	168	TTG	TGA	0	0
mORF_-_4568603	4568603	4568632	-	6	30	TTG	TAA	0	0
mORF_-_4568660	4568660	4568677	-	6	18	GTG	TAA	0	0
mORF_-_4568769	4568769	4568948	-	4	180	TTG	TGA	0	0
mORF_-_4568873	4568873	4568884	-	6	12	GTG	TAA	0	0
mORF_-_4568955	4568955	4569017	-	4	63	TTG	TGA	0	0
mORF_-_4569029	4569029	4569034	-	6	6	GTG	TAA	0	0
mORF_-_4569042	4569042	4569092	-	4	51	ATG	TAA	0	0
mORF_-_4569123	4569123	4569134	-	4	12	TTG	TGA	0	0
mORF_-_4569162	4569162	4569173	-	4	12	ATG	TAG	0	0
mORF_-_4569194	4569194	4569226	-	6	33	GTG	TAA	0	0
mORF_-_4569234	4569234	4569254	-	4	21	ATG	TGA	0	0
mORF_-_4569270	4569270	4569281	-	4	12	TTG	TAA	0	0
mORF_-_4569293	4569293	4569328	-	6	36	GTG	TAG	0	0
mORF_-_4569363	4569363	4569404	-	4	42	TTG	TGA	0	0
mORF_-_4569501	4569501	4569566	-	4	66	TTG	TAA	0	0
mORF_-_4569594	4569594	4569620	-	4	27	ATG	TGA	0	0
mORF_-_4569675	4569675	4569857	-	4	183	TTG	TAA	0	0
mORF_-_4569981	4569981	4570013	-	4	33	TTG	TAA	0	0
mORF_-_4569986	4569986	4570096	-	6	111	GTG	TAA	0	0
mORF_-_4570102	4570102	4570137	-	5	36	ATG	TAA	0	0
mORF_-_4570125	4570125	4570130	-	4	6	TTG	TAA	0	0
mORF_-_4570184	4570184	4570381	-	6	198	TTG	TAA	0	0
mORF_-_4570195	4570195	4570233	-	5	39	ATG	TAG	0	0
mORF_-_4570270	4570270	4570290	-	5	21	ATG	TAA	0	0
mORF_-_4570308	4570308	4570358	-	4	51	TTG	TAA	0	0
mORF_-_4570383	4570383	4570445	-	4	63	TTG	TAA	0	0
mORF_-_4570423	4570423	4570461	-	5	39	ATG	TAG	0	0
mORF_-_4570442	4570442	4570456	-	6	15	ATG	TGA	0	0
mORF_-_4570482	4570482	4570571	-	4	90	TTG	TAG	0	0
mORF_-_4570501	4570501	4570605	-	5	105	GTG	TAA	0	0
mORF_-_4570544	4570544	4570555	-	6	12	TTG	TGA	0	0
mORF_-_4570581	4570581	4570601	-	4	21	TTG	TAG	0	0
mORF_-_4570602	4570602	4570688	-	4	87	TTG	TGA	0	0

mORF_-_4570676	4570676	4570744	-	6	69	GTG	TAA	0	0
mORF_-_4570708	4570708	4570734	-	5	27	ATG	TAG	0	0
mORF_-_4570756	4570756	4570839	-	5	84	ATG	TAG	0	0
mORF_-_4570805	4570805	4570981	-	6	177	ATG	TAA	0	0
mORF_-_4570873	4570873	4570971	-	5	99	TTG	TGA	0	0
mORF_-_4570881	4570881	4570934	-	4	54	TTG	TGA	0	0
mORF_-_4570978	4570978	4571001	-	5	24	TTG	TGA	0	0
mORF_-_4570989	4570989	4571042	-	4	54	ATG	TGA	0	0
mORF_-_4571039	4571039	4571059	-	6	21	TTG	TGA	0	0
mORF_-_4571064	4571064	4571078	-	4	15	GTG	TAA	0	0
mORF_-_4571075	4571075	4571080	-	6	6	TTG	TGA	0	0
mORF_-_4571082	4571082	4571126	-	4	45	GTG	TAG	0	0
mORF_-_4571090	4571090	4571095	-	6	6	TTG	TGA	0	0
mORF_-_4571128	4571128	4571151	-	5	24	TTG	TAG	0	0
mORF_-_4571157	4571157	4571180	-	4	24	ATG	TAA	0	0
mORF_-_4571229	4571229	4571258	-	4	30	TTG	TAG	0	0
mORF_-_4571261	4571261	4571371	-	6	111	ATG	TAG	0	0
mORF_-_4571268	4571268	4571279	-	4	12	ATG	TGA	0	0
mORF_-_4571290	4571290	4571349	-	5	60	TTG	TAA	0	0
mORF_-_4571350	4571350	4571487	-	5	138	ATG	TAG	0	0
mORF_-_4571411	4571411	4571590	-	6	180	ATG	TAG	0	0
mORF_-_4571448	4571448	4571480	-	4	33	TTG	TAA	0	0
mORF_-_4571580	4571580	4571606	-	4	27	TTG	TAA	0	0
mORF_-_4571587	4571587	4571739	-	5	153	GTG	TGA	0	0
mORF_-_4571603	4571603	4571683	-	6	81	TTG	TGA	0	0
mORF_-_4571613	4571613	4571705	-	4	93	TTG	TAA	0	0
mORF_-_4571739	4571739	4571813	-	4	75	TTG	TAG	0	0
mORF_-_4571770	4571770	4571778	-	5	9	TTG	TAA	0	0
mORF_-_4571786	4571786	4571821	-	6	36	ATG	TAA	0	0
mORF_-_4571815	4571815	4571880	-	5	66	ATG	TGA	0	0
mORF_-_4571835	4571835	4571867	-	4	33	ATG	TAG	0	0
mORF_-_4571864	4571864	4571902	-	6	39	ATG	TGA	0	0
mORF_-_4571881	4571881	4571895	-	5	15	TTG	TAA	0	0
mORF_-_4571905	4571905	4571910	-	5	6	GTG	TAG	0	0
mORF_-_4571910	4571910	4571957	-	4	48	TTG	TAG	0	0
mORF_-_4571921	4571921	4571929	-	6	9	ATG	TGA	0	0
mORF_-_4571942	4571942	4571965	-	6	24	ATG	TAA	0	0
mORF_-_4572005	4572005	4572058	-	6	54	ATG	TGA	0	0
mORF_-_4572018	4572018	4572038	-	4	21	ATG	TAG	0	0
mORF_-_4572048	4572048	4572251	-	4	204	GTG	TGA	0	0
mORF_-_4572076	4572076	4572138	-	5	63	TTG	TAG	0	0
mORF_-_4572113	4572113	4572241	-	6	129	ATG	TAA	0	0
mORF_-_4572238	4572238	4572267	-	5	30	TTG	TGA	0	0
mORF_-_4572269	4572269	4572334	-	6	66	ATG	TAG	0	0
mORF_-_4572425	4572425	4572430	-	6	6	TTG	TAG	0	0
mORF_-_4572442	4572442	4572480	-	5	39	ATG	TGA	0	0
mORF_-_4572492	4572492	4572587	-	4	96	ATG	TAA	0	0
mORF_-_4572532	4572532	4572543	-	5	12	ATG	TAG	0	0
mORF_-_4572589	4572589	4572612	-	5	24	GTG	TAA	0	0
mORF_-_4572617	4572617	4572757	-	6	141	TTG	TAG	0	0
mORF_-_4572628	4572628	4572705	-	5	78	GTG	TGA	0	0
mORF_-_4572776	4572776	4572823	-	6	48	TTG	TAA	0	0
mORF_-_4572811	4572811	4572846	-	5	36	TTG	TGA	0	0
mORF_-_4572828	4572828	4572986	-	4	159	TTG	TAG	0	0
mORF_-_4572863	4572863	4572883	-	6	21	TTG	TAA	0	0
mORF_-_4572941	4572941	4573264	-	6	324	GTG	TGA	0	0
mORF_-_4573093	4573093	4573170	-	5	78	ATG	TAA	0	0
mORF_-_4573188	4573188	4573205	-	4	18	GTG	TAG	0	0
mORF_-_4573225	4573225	4573311	-	5	87	TTG	TAA	0	0
mORF_-_4573280	4573280	4573327	-	6	48	ATG	TAA	0	0
mORF_-_4573327	4573327	4573350	-	5	24	GTG	TAA	0	0
mORF_-_4573347	4573347	4573424	-	4	78	TTG	TGA	0	0
mORF_-_4573421	4573421	4573486	-	6	66	ATG	TGA	0	0

mORF_-_4573459	4573459	4573623	-	5	165	TTG	TGA	0	0	
mORF_-_4573490	4573490	4573585	-	6	96	TTG	TAA	0	0	
mORF_-_4573530	4573530	4573541	-	4	12	TTG	TGA	0	0	
mORF_-_4573554	4573554	4573577	-	4	24	ATG	TGA	0	0	
mORF_-_4573630	4573630	4573695	-	5	66	TTG	TAA	0	0	
mORF_-_4573634	4573634	4573648	-	6	15	ATG	TAA	0	0	
mORF_-_4573724	4573724	4573777	-	6	54	TTG	TAA	0	0	
mORF_-_4573732	4573732	4573806	-	5	75	GTG	TAA	0	0	
mORF_-_4573803	4573803	4573871	-	4	69	GTG	TGA	0	0	
mORF_-_4573835	4573835	4573984	-	6	150	GTG	TGA	0	0	
mORF_-_4573846	4573846	4573935	-	5	90	ATG	TAG	0	0	
mORF_-_4573881	4573881	4573904	-	4	24	GTG	TGA	0	0	
mORF_-_4574000	4574000	4574044	-	6	45	TTG	TGA	0	0	
mORF_-_4574017	4574017	4574073	-	5	57	ATG	TAG	0	0	
mORF_-_4574045	4574045	4574338	-	6	294	ATG	TAG	0	0	
mORF_-_4574055	4574055	4574132	-	4	78	TTG	TGA	0	0	
mORF_-_4574188	4574188	4574262	-	5	75	ATG	TAA	0	0	
mORF_-_4574253	4574253	4574291	-	4	39	GTG	TGA	0	0	
mORF_-_4574263	4574263	4574367	-	5	105	GTG	TGA	0	0	
mORF_-_4574328	4574328	4574354	-	4	27	GTG	TAA	0	0	
mORF_-_4574351	4574351	4574407	-	6	57	TTG	TGA	0	0	
mORF_-_4574373	4574373	4574459	-	4	87	TTG	TAA	0	0	
mORF_-_4574398	4574398	4574550	-	5	153	ATG	TAG	0	0	
mORF_-_4574495	4574495	4574650	-	6	156	ATG	TAG	0	0	
mORF_-_4574716	4574716	4574730	-	5	15	TTG	TAG	0	0	
mORF_-_4574727	4574727	4574738	-	4	12	ATG	TGA	0	0	
mORF_-_4574735	4574735	4574749	-	6	15	ATG	TGA	0	0	
mORF_-_4574749	4574749	4574790	-	5	42	TTG	TAA	0	0	
mORF_-_4574787	4574787	4574846	-	4	60	TTG	TGA	0	0	
mORF_-_4574797	4574797	4574826	-	5	30	TTG	TGA	0	0	
mORF_-_4574928	4574928	4574951	-	4	24	ATG	TAA	0	0	
mORF_-_4574935	4574935	4576011	-	5	1077	ATG	TAA	1	4	pORF_-_4574935
mORF_-_4574948	4574948	4575013	-	6	66	GTG	TGA	0	0	
mORF_-_4574997	4574997	4575032	-	4	36	ATG	TAG	0	0	
mORF_-_4575090	4575090	4575104	-	4	15	ATG	TAG	0	0	
mORF_-_4575107	4575107	4575124	-	6	18	ATG	TGA	0	0	
mORF_-_4575135	4575135	4575305	-	4	171	ATG	TGA	0	0	
mORF_-_4575275	4575275	4575310	-	6	36	ATG	TAA	0	0	
mORF_-_4575342	4575342	4575521	-	4	180	ATG	TAA	0	0	
mORF_-_4575347	4575347	4575358	-	6	12	TTG	TGA	0	0	
mORF_-_4575546	4575546	4575599	-	4	54	ATG	TAA	0	0	
mORF_-_4575615	4575615	4575626	-	4	12	ATG	TAA	0	0	
mORF_-_4575654	4575654	4575749	-	4	96	TTG	TAA	0	0	
mORF_-_4575753	4575753	4575809	-	4	57	TTG	TAG	0	0	
mORF_-_4575843	4575843	4575932	-	4	90	ATG	TAA	0	0	
mORF_-_4575905	4575905	4575928	-	6	24	ATG	TAA	0	0	
mORF_-_4575981	4575981	4577378	-	4	1398	ATG	TAG	3	6	pORF_-_4575981
mORF_-_4575992	4575992	4576036	-	6	45	TTG	TAG	0	0	
mORF_-_4576073	4576073	4576165	-	6	93	TTG	TGA	0	0	
mORF_-_4576084	4576084	4576092	-	5	9	ATG	TAA	0	0	
mORF_-_4576138	4576138	4576218	-	5	81	ATG	TAG	0	0	
mORF_-_4576205	4576205	4576231	-	6	27	TTG	TGA	0	0	
mORF_-_4576253	4576253	4576297	-	6	45	TTG	TGA	0	0	
mORF_-_4576301	4576301	4576339	-	6	39	TTG	TAG	0	0	
mORF_-_4576367	4576367	4576414	-	6	48	ATG	TAA	0	0	
mORF_-_4576430	4576430	4576465	-	6	36	ATG	TAA	0	0	
mORF_-_4576481	4576481	4576525	-	6	45	ATG	TGA	0	0	
mORF_-_4576526	4576526	4576648	-	6	123	ATG	TAG	0	0	
mORF_-_4576561	4576561	4576575	-	5	15	TTG	TAA	0	0	
mORF_-_4576706	4576706	4576747	-	6	42	TTG	TGA	0	0	
mORF_-_4576808	4576808	4576837	-	6	30	ATG	TAG	0	0	
mORF_-_4576838	4576838	4576891	-	6	54	GTG	TAA	0	0	
mORF_-_4576928	4576928	4577104	-	6	177	ATG	TAA	1	2	pORF_-_4576928

mORF_-_4577062	4577062	4577088	-	5	27	ATG	TAA	0	0	
mORF_-_4577114	4577114	4577239	-	6	126	ATG	TAA	0	0	
mORF_-_4577255	4577255	4577338	-	6	84	TTG	TAA	0	0	
mORF_-_4577381	4577381	4577419	-	6	39	TTG	TAG	0	0	
mORF_-_4577392	4577392	4577406	-	5	15	TTG	TAA	0	0	
mORF_-_4577427	4577427	4577435	-	4	9	TTG	TAA	0	0	
mORF_-_4577473	4577473	4577547	-	5	75	TTG	TAG	0	0	
mORF_-_4577522	4577522	4577920	-	6	399	GTG	TAA	0	0	
mORF_-_4577548	4577548	4577556	-	5	9	TTG	TGA	0	0	
mORF_-_4577580	4577580	4577729	-	4	150	GTG	TAA	0	0	
mORF_-_4577620	4577620	4577664	-	5	45	TTG	TGA	0	0	
mORF_-_4577677	4577677	4577688	-	5	12	ATG	TGA	0	0	
mORF_-_4577689	4577689	4577709	-	5	21	TTG	TAG	0	0	
mORF_-_4577737	4577737	4577844	-	5	108	TTG	TGA	0	0	
mORF_-_4577869	4577869	4577928	-	5	60	GTG	TAG	0	0	
mORF_-_4577933	4577933	4577953	-	6	21	ATG	TAG	0	0	
mORF_-_4577977	4577977	4578000	-	5	24	TTG	TAG	0	0	
mORF_-_4578014	4578014	4578064	-	6	51	GTG	TAA	0	0	
mORF_-_4578091	4578091	4579485	-	5	1395	ATG	TGA	16	51	pORF_-_4578091
mORF_-_4578137	4578137	4578211	-	6	75	GTG	TGA	0	0	
mORF_-_4578186	4578186	4578230	-	4	45	GTG	TGA	0	0	
mORF_-_4578360	4578360	4578380	-	4	21	TTG	TAA	0	0	
mORF_-_4578444	4578444	4578503	-	4	60	ATG	TGA	0	0	
mORF_-_4578533	4578533	4578580	-	6	48	TTG	TGA	0	0	
mORF_-_4578567	4578567	4578590	-	4	24	TTG	TGA	0	0	
mORF_-_4578594	4578594	4578632	-	4	39	ATG	TAG	0	0	
mORF_-_4578651	4578651	4578659	-	4	9	GTG	TAA	0	0	
mORF_-_4578656	4578656	4578670	-	6	15	ATG	TGA	0	0	
mORF_-_4578696	4578696	4578776	-	4	81	ATG	TAG	0	0	
mORF_-_4578789	4578789	4578803	-	4	15	TTG	TAA	0	0	
mORF_-_4578807	4578807	4578839	-	4	33	TTG	TAA	0	0	
mORF_-_4578842	4578842	4578850	-	6	9	ATG	TAA	0	0	
mORF_-_4578858	4578858	4578869	-	4	12	ATG	TGA	0	0	
mORF_-_4578906	4578906	4578929	-	4	24	TTG	TGA	0	0	
mORF_-_4578948	4578948	4579001	-	4	54	TTG	TAG	0	0	
mORF_-_4579023	4579023	4579217	-	4	195	TTG	TGA	0	0	
mORF_-_4579145	4579145	4579165	-	6	21	TTG	TGA	0	0	
mORF_-_4579178	4579178	4579183	-	6	6	ATG	TAG	0	0	
mORF_-_4579218	4579218	4579373	-	4	156	ATG	TAG	0	0	
mORF_-_4579403	4579403	4579459	-	6	57	GTG	TAA	0	0	
mORF_-_4579422	4579422	4579481	-	4	60	GTG	TAA	0	0	
mORF_-_4579482	4579482	4581071	-	4	1590	ATG	TGA	41	112	pORF_-_4579482
mORF_-_4579490	4579490	4579558	-	6	69	GTG	TGA	0	0	
mORF_-_4579562	4579562	4579570	-	6	9	ATG	TGA	0	0	
mORF_-_4579616	4579616	4579651	-	6	36	TTG	TAG	0	0	
mORF_-_4579660	4579660	4579713	-	5	54	GTG	TAA	0	0	
mORF_-_4579667	4579667	4579819	-	6	153	GTG	TGA	0	0	
mORF_-_4579804	4579804	4579815	-	5	12	ATG	TAA	0	0	
mORF_-_4579835	4579835	4579954	-	6	120	ATG	TAA	0	0	
mORF_-_4579936	4579936	4579947	-	5	12	GTG	TGA	0	0	
mORF_-_4579966	4579966	4580079	-	5	114	GTG	TAA	0	0	
mORF_-_4580087	4580087	4580371	-	6	285	TTG	TGA	0	0	
mORF_-_4580134	4580134	4580202	-	5	69	GTG	TAA	0	0	
mORF_-_4580393	4580393	4580524	-	6	132	TTG	TGA	0	0	
mORF_-_4580525	4580525	4580569	-	6	45	GTG	TGA	0	0	
mORF_-_4580606	4580606	4580698	-	6	93	ATG	TGA	0	0	
mORF_-_4580762	4580762	4580830	-	6	69	ATG	TAA	0	0	
mORF_-_4580894	4580894	4580902	-	6	9	ATG	TGA	0	0	
mORF_-_4580950	4580950	4580955	-	5	6	GTG	TAA	0	0	
mORF_-_4580960	4580960	4581016	-	6	57	ATG	TGA	0	0	
mORF_-_4580983	4580983	4581042	-	5	60	GTG	TGA	0	0	
mORF_-_4581061	4581061	4581147	-	5	87	GTG	TAA	0	0	
mORF_-_4581105	4581105	4581155	-	4	51	ATG	TGA	0	0	

mORF_-_4581152	4581152	4581169	-	6	18	TTG	TGA	0	0	
mORF_-_4581156	4581156	4581236	-	4	81	TTG	TGA	0	0	
mORF_-_4581166	4581166	4581396	-	5	231	ATG	TGA	0	0	
mORF_-_4581272	4581272	4584838	-	6	3567	ATG	TGA	19	52	pORF_-_4581272
mORF_-_4581493	4581493	4581519	-	5	27	TTG	TGA	0	0	
mORF_-_4581526	4581526	4581564	-	5	39	TTG	TGA	0	0	
mORF_-_4581565	4581565	4581789	-	5	225	GTG	TGA	0	0	
mORF_-_4581585	4581585	4581605	-	4	21	ATG	TGA	0	0	
mORF_-_4581642	4581642	4581650	-	4	9	GTG	TGA	0	0	
mORF_-_4581802	4581802	4581807	-	5	6	GTG	TAA	0	0	
mORF_-_4581808	4581808	4581849	-	5	42	ATG	TGA	0	0	
mORF_-_4581966	4581966	4581995	-	4	30	ATG	TAA	0	0	
mORF_-_4581973	4581973	4582002	-	5	30	ATG	TGA	0	0	
mORF_-_4582024	4582024	4582260	-	5	237	TTG	TAG	0	0	
mORF_-_4582278	4582278	4582295	-	4	18	ATG	TAA	0	0	
mORF_-_4582453	4582453	4582629	-	5	177	TTG	TGA	0	0	
mORF_-_4582675	4582675	4582734	-	5	60	ATG	TGA	0	0	
mORF_-_4582945	4582945	4583106	-	5	162	ATG	TAA	0	0	
mORF_-_4583125	4583125	4583148	-	5	24	TTG	TGA	0	0	
mORF_-_4583185	4583185	4583286	-	5	102	TTG	TGA	0	0	
mORF_-_4583332	4583332	4583433	-	5	102	ATG	TGA	0	0	
mORF_-_4583464	4583464	4583583	-	5	120	GTG	TGA	0	0	
mORF_-_4583475	4583475	4583549	-	4	75	GTG	TAA	0	0	
mORF_-_4583617	4583617	4583811	-	5	195	ATG	TGA	0	0	
mORF_-_4583778	4583778	4583789	-	4	12	ATG	TAA	0	0	
mORF_-_4583851	4583851	4584039	-	5	189	TTG	TAG	0	0	
mORF_-_4583916	4583916	4583936	-	4	21	ATG	TGA	0	0	
mORF_-_4584040	4584040	4584186	-	5	147	TTG	TGA	0	0	
mORF_-_4584250	4584250	4584324	-	5	75	TTG	TGA	0	0	
mORF_-_4584340	4584340	4584660	-	5	321	TTG	TGA	0	0	
mORF_-_4584414	4584414	4584467	-	4	54	GTG	TAA	0	0	
mORF_-_4584606	4584606	4584611	-	4	6	TTG	TGA	0	0	
mORF_-_4584676	4584676	4584732	-	5	57	ATG	TGA	0	0	
mORF_-_4584754	4584754	4584765	-	5	12	TTG	TGA	0	0	
mORF_-_4584774	4584774	4584833	-	4	60	ATG	TAA	0	0	
mORF_-_4584790	4584790	4584798	-	5	9	ATG	TAA	0	0	
mORF_-_4584823	4584823	4584870	-	5	48	TTG	TAA	0	0	
mORF_-_4584845	4584845	4584946	-	6	102	ATG	TAA	0	0	
mORF_-_4584880	4584880	4584897	-	5	18	ATG	TGA	0	0	
mORF_-_4584927	4584927	4585061	-	4	135	ATG	TAG	0	0	
mORF_-_4584986	4584986	4584994	-	6	9	TTG	TAG	0	0	
mORF_-_4584997	4584997	4585080	-	5	84	ATG	TAA	0	0	
mORF_-_4585058	4585058	4585114	-	6	57	ATG	TGA	0	0	
mORF_-_4585080	4585080	4585160	-	4	81	ATG	TAA	0	0	
mORF_-_4585114	4585114	4585260	-	5	147	TTG	TAA	0	0	
mORF_-_4585133	4585133	4585207	-	6	75	TTG	TAA	0	0	
mORF_-_4585167	4585167	4585283	-	4	117	ATG	TAA	0	0	
mORF_-_4585247	4585247	4585309	-	6	63	TTG	TGA	0	0	
mORF_-_4585312	4585312	4585380	-	5	69	TTG	TAA	0	0	
mORF_-_4585338	4585338	4585367	-	4	30	ATG	TAA	0	0	
mORF_-_4585406	4585406	4585576	-	6	171	ATG	TGA	0	0	
mORF_-_4585458	4585458	4585532	-	4	75	GTG	TAA	0	0	
mORF_-_4585489	4585489	4585686	-	5	198	GTG	TGA	0	0	
mORF_-_4585665	4585665	4585808	-	4	144	GTG	TAA	0	0	
mORF_-_4585676	4585676	4585726	-	6	51	GTG	TAA	0	0	
mORF_-_4585735	4585735	4585842	-	5	108	GTG	TAA	0	0	
mORF_-_4585839	4585839	4585925	-	4	87	ATG	TGA	0	0	
mORF_-_4585932	4585932	4586972	-	4	1041	ATG	TAA	14	75	pORF_-_4585932
mORF_-_4585940	4585940	4586098	-	6	159	TTG	TGA	0	0	
mORF_-_4586017	4586017	4586028	-	5	12	GTG	TGA	0	0	
mORF_-_4586095	4586095	4586103	-	5	9	GTG	TGA	0	0	
mORF_-_4586183	4586183	4586380	-	6	198	ATG	TAG	0	0	
mORF_-_4586417	4586417	4586443	-	6	27	TTG	TGA	0	0	

mORF_-_4586471	4586471	4586509	-	6	39	TTG	TGA	0	0	
mORF_-_4586479	4586479	4586538	-	5	60	ATG	TGA	0	0	
mORF_-_4586510	4586510	4586602	-	6	93	TTG	TGA	0	0	
mORF_-_4586545	4586545	4586598	-	5	54	ATG	TGA	0	0	
mORF_-_4586599	4586599	4586691	-	5	93	TTG	TGA	0	0	
mORF_-_4586708	4586708	4586740	-	6	33	TTG	TGA	0	0	
mORF_-_4586741	4586741	4586782	-	6	42	TTG	TGA	0	0	
mORF_-_4586783	4586783	4586791	-	6	9	TTG	TGA	0	0	
mORF_-_4586849	4586849	4586878	-	6	30	TTG	TAG	0	0	
mORF_-_4586885	4586885	4586905	-	6	21	TTG	TGA	0	0	
mORF_-_4586899	4586899	4587102	-	5	204	ATG	TAA	0	0	
mORF_-_4587006	4587006	4587044	-	4	39	TTG	TGA	0	0	
mORF_-_4587087	4587087	4587149	-	4	63	GTG	TAG	0	0	
mORF_-_4587092	4587092	4587109	-	6	18	GTG	TAA	0	0	
mORF_-_4587106	4587106	4587123	-	5	18	TTG	TGA	0	0	
mORF_-_4587152	4587152	4589317	-	6	2166	ATG	TAA	4	0	pORF_-_4587152
mORF_-_4587172	4587172	4587285	-	5	114	TTG	TGA	0	0	
mORF_-_4587325	4587325	4587330	-	5	6	TTG	TGA	0	0	
mORF_-_4587340	4587340	4587351	-	5	12	TTG	TGA	0	0	
mORF_-_4587364	4587364	4587384	-	5	21	TTG	TGA	0	0	
mORF_-_4587378	4587378	4587488	-	4	111	ATG	TAA	0	0	
mORF_-_4587451	4587451	4587501	-	5	51	TTG	TGA	0	0	
mORF_-_4587534	4587534	4587608	-	4	75	GTG	TAA	0	0	
mORF_-_4587538	4587538	4587546	-	5	9	TTG	TGA	0	0	
mORF_-_4587565	4587565	4587702	-	5	138	TTG	TAG	0	0	
mORF_-_4587633	4587633	4587665	-	4	33	GTG	TGA	0	0	
mORF_-_4587721	4587721	4587786	-	5	66	ATG	TGA	0	0	
mORF_-_4587889	4587889	4587918	-	5	30	GTG	TAG	0	0	
mORF_-_4587922	4587922	4587942	-	5	21	TTG	TGA	0	0	
mORF_-_4588030	4588030	4588098	-	5	69	TTG	TGA	0	0	
mORF_-_4588117	4588117	4588158	-	5	42	TTG	TGA	0	0	
mORF_-_4588189	4588189	4588230	-	5	42	ATG	TGA	0	0	
mORF_-_4588230	4588230	4588337	-	4	108	GTG	TAA	0	0	
mORF_-_4588264	4588264	4588356	-	5	93	TTG	TGA	0	0	
mORF_-_4588353	4588353	4588481	-	4	129	GTG	TGA	0	0	
mORF_-_4588474	4588474	4588515	-	5	42	TTG	TGA	0	0	
mORF_-_4588549	4588549	4588581	-	5	33	TTG	TGA	0	0	
mORF_-_4588582	4588582	4588755	-	5	174	TTG	TGA	0	0	
mORF_-_4588638	4588638	4588727	-	4	90	GTG	TGA	0	0	
mORF_-_4588789	4588789	4588803	-	5	15	TTG	TAA	0	0	
mORF_-_4588846	4588846	4589031	-	5	186	TTG	TGA	0	0	
mORF_-_4588869	4588869	4588943	-	4	75	GTG	TAA	0	0	
mORF_-_4589076	4589076	4589192	-	4	117	GTG	TAA	0	0	
mORF_-_4589116	4589116	4589226	-	5	111	TTG	TGA	0	0	
mORF_-_4589227	4589227	4589247	-	5	21	GTG	TAG	0	0	
mORF_-_4589450	4589450	4589488	-	6	39	TTG	TAA	0	0	
mORF_-_4589498	4589498	4589524	-	6	27	ATG	TAA	0	0	
mORF_-_4589521	4589521	4589529	-	5	9	GTG	TGA	0	0	
mORF_-_4589526	4589526	4589531	-	4	6	ATG	TGA	0	0	
mORF_-_4589534	4589534	4589665	-	6	132	GTG	TAA	0	0	
mORF_-_4589550	4589550	4589882	-	4	333	TTG	TAA	0	0	
mORF_-_4589693	4589693	4589752	-	6	60	ATG	TGA	0	0	
mORF_-_4589740	4589740	4589745	-	5	6	TTG	TAA	0	0	
mORF_-_4589806	4589806	4589829	-	5	24	TTG	TAA	0	0	
mORF_-_4589879	4589879	4589935	-	6	57	TTG	TGA	0	0	
mORF_-_4589898	4589898	4589903	-	4	6	ATG	TAG	0	0	
mORF_-_4589932	4589932	4590102	-	5	171	TTG	TGA	0	0	
mORF_-_4590027	4590027	4590056	-	4	30	TTG	TGA	0	0	
mORF_-_4590075	4590075	4590125	-	4	51	TTG	TGA	0	0	
mORF_-_4590106	4590106	4590663	-	5	558	ATG	TAA	0	0	
mORF_-_4590186	4590186	4590236	-	4	51	TTG	TAA	0	0	
mORF_-_4590243	4590243	4590365	-	4	123	ATG	TAG	0	0	
mORF_-_4590320	4590320	4590343	-	6	24	TTG	TAA	0	0	

mORF_-_4590369	4590369	4590509	-	4	141	ATG	TGA	0	0	
mORF_-_4590416	4590416	4590622	-	6	207	TTG	TAG	0	0	
mORF_-_4590510	4590510	4591043	-	4	534	ATG	TAG	0	0	
mORF_-_4590670	4590670	4590855	-	5	186	TTG	TAA	0	0	
mORF_-_4590974	4590974	4591003	-	6	30	TTG	TAG	0	0	
mORF_-_4591043	4591043	4591342	-	6	300	ATG	TAA	0	0	
mORF_-_4591102	4591102	4591236	-	5	135	TTG	TAA	0	0	
mORF_-_4591332	4591332	4591376	-	4	45	ATG	TAA	0	0	
mORF_-_4591384	4591384	4592745	-	5	1362	GTG	TAA	0	0	
mORF_-_4591391	4591391	4591459	-	6	69	TTG	TAA	0	0	
mORF_-_4591470	4591470	4591553	-	4	84	TTG	TAA	0	0	
mORF_-_4591581	4591581	4591595	-	4	15	TTG	TGA	0	0	
mORF_-_4591608	4591608	4591661	-	4	54	TTG	TGA	0	0	
mORF_-_4591704	4591704	4591832	-	4	129	TTG	TGA	0	0	
mORF_-_4591869	4591869	4591946	-	4	78	GTG	TAA	0	0	
mORF_-_4591880	4591880	4591969	-	6	90	GTG	TAA	0	0	
mORF_-_4591959	4591959	4592063	-	4	105	TTG	TGA	0	0	
mORF_-_4591979	4591979	4591999	-	6	21	ATG	TAA	0	0	
mORF_-_4592076	4592076	4592141	-	4	66	TTG	TAG	0	0	
mORF_-_4592202	4592202	4592216	-	4	15	TTG	TAA	0	0	
mORF_-_4592279	4592279	4592299	-	6	21	ATG	TAA	0	0	
mORF_-_4592289	4592289	4592294	-	4	6	GTG	TAA	0	0	
mORF_-_4592304	4592304	4592321	-	4	18	TTG	TGA	0	0	
mORF_-_4592421	4592421	4592522	-	4	102	GTG	TGA	0	0	
mORF_-_4592435	4592435	4592458	-	6	24	TTG	TAA	0	0	
mORF_-_4592523	4592523	4592540	-	4	18	GTG	TAA	0	0	
mORF_-_4592589	4592589	4592600	-	4	12	TTG	TAA	0	0	
mORF_-_4592658	4592658	4592666	-	4	9	ATG	TAG	0	0	
mORF_-_4592761	4592761	4592808	-	5	48	ATG	TAA	0	0	
mORF_-_4592769	4592769	4592792	-	4	24	ATG	TAA	0	0	
mORF_-_4592819	4592819	4592848	-	6	30	GTG	TAA	0	0	
mORF_-_4592845	4592845	4592880	-	5	36	ATG	TGA	0	0	
mORF_-_4592905	4592905	4592928	-	5	24	GTG	TAA	0	0	
mORF_-_4592932	4592932	4592985	-	5	54	ATG	TAG	0	0	
mORF_-_4592960	4592960	4593874	-	6	915	ATG	TAA	1	3	pORF_-_4592960
mORF_-_4593019	4593019	4593057	-	5	39	GTG	TGA	0	0	
mORF_-_4593054	4593054	4593065	-	4	12	TTG	TGA	0	0	
mORF_-_4593085	4593085	4593393	-	5	309	TTG	TGA	0	0	
mORF_-_4593120	4593120	4593140	-	4	21	ATG	TAA	0	0	
mORF_-_4593390	4593390	4593437	-	4	48	GTG	TGA	0	0	
mORF_-_4593499	4593499	4593516	-	5	18	GTG	TAG	0	0	
mORF_-_4593580	4593580	4593621	-	5	42	GTG	TGA	0	0	
mORF_-_4593622	4593622	4593693	-	5	72	TTG	TGA	0	0	
mORF_-_4593666	4593666	4593713	-	4	48	ATG	TAA	0	0	
mORF_-_4593700	4593700	4593828	-	5	129	TTG	TGA	0	0	
mORF_-_4593837	4593837	4593896	-	4	60	ATG	TAA	0	0	
mORF_-_4593841	4593841	4593846	-	5	6	ATG	TGA	0	0	
mORF_-_4593908	4593908	4593976	-	6	69	ATG	TAA	0	0	
mORF_-_4593919	4593919	4593963	-	5	45	ATG	TAA	0	0	
mORF_-_4593933	4593933	4593938	-	4	6	TTG	TGA	0	0	
mORF_-_4593973	4593973	4594095	-	5	123	TTG	TGA	0	0	
mORF_-_4593983	4593983	4593994	-	6	12	TTG	TAG	0	0	
mORF_-_4594055	4594055	4594069	-	6	15	TTG	TAA	0	0	
mORF_-_4594080	4594080	4594103	-	4	24	ATG	TAG	0	0	
mORF_-_4594103	4594103	4594165	-	6	63	TTG	TAA	0	0	
mORF_-_4594113	4594113	4594169	-	4	57	ATG	TAA	0	0	
mORF_-_4594173	4594173	4594184	-	4	12	GTG	TAA	0	0	
mORF_-_4594190	4594190	4594294	-	6	105	TTG	TAA	0	0	
mORF_-_4594288	4594288	4594347	-	5	60	ATG	TGA	0	0	
mORF_-_4594340	4594340	4594615	-	6	276	ATG	TGA	0	0	
mORF_-_4594357	4594357	4594404	-	5	48	ATG	TGA	0	0	
mORF_-_4594371	4594371	4594442	-	4	72	ATG	TAA	0	0	
mORF_-_4594461	4594461	4594553	-	4	93	TTG	TAA	0	0	

mORF_-_4594468	4594468	4594491	-	5	24	ATG	TGA	0	0	
mORF_-_4594557	4594557	4594622	-	4	66	TTG	TAG	0	0	
mORF_-_4594676	4594676	4594837	-	6	162	ATG	TAG	0	0	
mORF_-_4594732	4594732	4594752	-	5	21	GTG	TGA	0	0	
mORF_-_4594768	4594768	4594935	-	5	168	ATG	TGA	0	0	
mORF_-_4594940	4594940	4594948	-	6	9	ATG	TAA	0	0	
mORF_-_4594951	4594951	4594965	-	5	15	GTG	TAG	0	0	
mORF_-_4594978	4594978	4595061	-	5	84	ATG	TAG	0	0	
mORF_-_4595103	4595103	4595162	-	4	60	ATG	TAA	0	0	
mORF_-_4595155	4595155	4595160	-	5	6	GTG	TAG	0	0	
mORF_-_4595166	4595166	4595183	-	4	18	GTG	TGA	0	0	
mORF_-_4595173	4595173	4597464	-	5	2292	TTG	TAA	2	0	pORF_-_4595173
mORF_-_4595187	4595187	4595282	-	4	96	TTG	TAG	0	0	
mORF_-_4595283	4595283	4595300	-	4	18	ATG	TAA	0	0	
mORF_-_4595334	4595334	4595369	-	4	36	ATG	TGA	0	0	
mORF_-_4595427	4595427	4595438	-	4	12	TTG	TGA	0	0	
mORF_-_4595472	4595472	4595480	-	4	9	ATG	TAA	0	0	
mORF_-_4595477	4595477	4595512	-	6	36	GTG	TGA	0	0	
mORF_-_4595544	4595544	4595615	-	4	72	TTG	TGA	0	0	
mORF_-_4595619	4595619	4595957	-	4	339	TTG	TGA	0	0	
mORF_-_4595669	4595669	4595692	-	6	24	ATG	TAA	0	0	
mORF_-_4595702	4595702	4595806	-	6	105	TTG	TGA	0	0	
mORF_-_4595991	4595991	4596128	-	4	138	GTG	TGA	0	0	
mORF_-_4595999	4595999	4596037	-	6	39	GTG	TAA	0	0	
mORF_-_4596174	4596174	4596218	-	4	45	TTG	TGA	0	0	
mORF_-_4596242	4596242	4596259	-	6	18	GTG	TAA	0	0	
mORF_-_4596311	4596311	4596370	-	6	60	TTG	TAA	0	0	
mORF_-_4596372	4596372	4596449	-	4	78	ATG	TAA	0	0	
mORF_-_4596471	4596471	4596536	-	4	66	ATG	TGA	0	0	
mORF_-_4596515	4596515	4596529	-	6	15	GTG	TGA	0	0	
mORF_-_4596600	4596600	4596635	-	4	36	ATG	TGA	0	0	
mORF_-_4596642	4596642	4596665	-	4	24	TTG	TGA	0	0	
mORF_-_4596714	4596714	4596884	-	4	171	ATG	TGA	0	0	
mORF_-_4596779	4596779	4596808	-	6	30	GTG	TGA	0	0	
mORF_-_4596888	4596888	4597028	-	4	141	TTG	TGA	0	0	
mORF_-_4597071	4597071	4597190	-	4	120	GTG	TAA	0	0	
mORF_-_4597203	4597203	4597256	-	4	54	GTG	TGA	0	0	
mORF_-_4597272	4597272	4597328	-	4	57	TTG	TAA	0	0	
mORF_-_4597295	4597295	4597387	-	6	93	GTG	TAA	0	0	
mORF_-_4597341	4597341	4597352	-	4	12	TTG	TAA	0	0	
mORF_-_4597368	4597368	4597382	-	4	15	TTG	TAA	0	0	
mORF_-_4597394	4597394	4597411	-	6	18	ATG	TAA	0	0	
mORF_-_4597419	4597419	4597499	-	4	81	TTG	TGA	0	0	
mORF_-_4597478	4597478	4597522	-	6	45	GTG	TAG	0	0	
mORF_-_4597492	4597492	4597563	-	5	72	TTG	TAA	0	0	
mORF_-_4597503	4597503	4597541	-	4	39	ATG	TAA	0	0	
mORF_-_4597591	4597591	4597620	-	5	30	GTG	TAA	0	0	
mORF_-_4597718	4597718	4598215	-	6	498	ATG	TGA	5	14	pORF_-_4597718
mORF_-_4597771	4597771	4597827	-	5	57	ATG	TGA	0	0	
mORF_-_4597837	4597837	4597890	-	5	54	GTG	TGA	0	0	
mORF_-_4597894	4597894	4597938	-	5	45	ATG	TGA	0	0	
mORF_-_4597942	4597942	4597992	-	5	51	ATG	TAA	0	0	
mORF_-_4598040	4598040	4598186	-	4	147	GTG	TAA	0	0	
mORF_-_4598044	4598044	4598142	-	5	99	ATG	TAA	0	0	
mORF_-_4598158	4598158	4598181	-	5	24	GTG	TAA	0	0	
mORF_-_4598196	4598196	4598222	-	4	27	TTG	TAA	0	0	
mORF_-_4598261	4598261	4598998	-	6	738	ATG	TAA	7	34	pORF_-_4598261
mORF_-_4598295	4598295	4598318	-	4	24	GTG	TAG	0	0	
mORF_-_4598452	4598452	4598493	-	5	42	ATG	TGA	0	0	
mORF_-_4598497	4598497	4598511	-	5	15	TTG	TGA	0	0	
mORF_-_4598605	4598605	4598727	-	5	123	ATG	TGA	0	0	
mORF_-_4598743	4598743	4598751	-	5	9	ATG	TAA	0	0	
mORF_-_4598752	4598752	4598787	-	5	36	TTG	TGA	0	0	

mORF_-_4598763	4598763	4598768	-	4	6	GTG	TGA	0	0	
mORF_-_4598845	4598845	4598922	-	5	78	GTG	TGA	0	0	
mORF_-_4598977	4598977	4598988	-	5	12	TTG	TGA	0	0	
mORF_-_4599001	4599001	4599552	-	5	552	TTG	TAA	3	8	pORF_-_4599001
mORF_-_4599032	4599032	4599124	-	6	93	GTG	TGA	0	0	
mORF_-_4599051	4599051	4599167	-	4	117	TTG	TGA	0	0	
mORF_-_4599143	4599143	4599220	-	6	78	ATG	TAA	0	0	
mORF_-_4599204	4599204	4599509	-	4	306	TTG	TAA	0	0	
mORF_-_4599549	4599549	4599941	-	4	393	GTG	TGA	0	0	
mORF_-_4599586	4599586	4599717	-	5	132	TTG	TAA	0	0	
mORF_-_4599647	4599647	4600135	-	6	489	TTG	TAA	0	0	
mORF_-_4599802	4599802	4599945	-	5	144	TTG	TGA	0	0	
mORF_-_4599942	4599942	4600010	-	4	69	GTG	TGA	0	0	
mORF_-_4599970	4599970	4599984	-	5	15	ATG	TGA	0	0	
mORF_-_4599988	4599988	4600050	-	5	63	TTG	TAG	0	0	
mORF_-_4600111	4600111	4600944	-	5	834	ATG	TGA	0	0	
mORF_-_4600176	4600176	4600247	-	4	72	ATG	TGA	0	0	
mORF_-_4600247	4600247	4600375	-	6	129	TTG	TAA	0	0	
mORF_-_4600269	4600269	4600514	-	4	246	TTG	TAG	0	0	
mORF_-_4600487	4600487	4600534	-	6	48	ATG	TAA	0	0	
mORF_-_4600575	4600575	4600610	-	4	36	TTG	TAG	0	0	
mORF_-_4600614	4600614	4600619	-	4	6	TTG	TGA	0	0	
mORF_-_4600635	4600635	4600643	-	4	9	ATG	TGA	0	0	
mORF_-_4600670	4600670	4600690	-	6	21	ATG	TAA	0	0	
mORF_-_4600683	4600683	4600697	-	4	15	ATG	TGA	0	0	
mORF_-_4600716	4600716	4600835	-	4	120	GTG	TAG	0	0	
mORF_-_4600790	4600790	4600846	-	6	57	TTG	TGA	0	0	
mORF_-_4600854	4600854	4600898	-	4	45	ATG	TAA	0	0	
mORF_-_4600895	4600895	4600978	-	6	84	TTG	TGA	0	0	
mORF_-_4600941	4600941	4601051	-	4	111	TTG	TGA	0	0	
mORF_-_4601000	4601000	4601059	-	6	60	GTG	TAA	0	0	
mORF_-_4601056	4601056	4601076	-	5	21	ATG	TGA	0	0	
mORF_-_4601105	4601105	4601197	-	6	93	ATG	TGA	0	0	
mORF_-_4601140	4601140	4601157	-	5	18	ATG	TAA	0	0	
mORF_-_4601164	4601164	4601217	-	5	54	ATG	TGA	0	0	
mORF_-_4601218	4601218	4601256	-	5	39	ATG	TAA	0	0	
mORF_-_4601222	4601222	4601272	-	6	51	TTG	TAA	0	0	
mORF_-_4601303	4601303	4601311	-	6	9	GTG	TAG	0	0	
mORF_-_4601308	4601308	4601322	-	5	15	ATG	TGA	0	0	
mORF_-_4601319	4601319	4601345	-	4	27	ATG	TGA	0	0	
mORF_-_4601329	4601329	4601343	-	5	15	GTG	TAG	0	0	
mORF_-_4601405	4601405	4601470	-	6	66	ATG	TAA	0	0	
mORF_-_4601421	4601421	4601438	-	4	18	ATG	TAA	0	0	
mORF_-_4601439	4601439	4601576	-	4	138	ATG	TAA	0	0	
mORF_-_4601476	4601476	4601556	-	5	81	TTG	TAA	0	0	
mORF_-_4601563	4601563	4601586	-	5	24	GTG	TAA	0	0	
mORF_-_4601583	4601583	4601666	-	4	84	ATG	TGA	0	0	
mORF_-_4601638	4601638	4601643	-	5	6	TTG	TAA	0	0	
mORF_-_4601663	4601663	4601734	-	6	72	GTG	TGA	0	0	
mORF_-_4601674	4601674	4601715	-	5	42	ATG	TAA	0	0	
mORF_-_4601731	4601731	4601751	-	5	21	GTG	TGA	0	0	
mORF_-_4601748	4601748	4601903	-	4	156	ATG	TGA	0	0	
mORF_-_4601759	4601759	4601770	-	6	12	GTG	TGA	0	0	
mORF_-_4601821	4601821	4601934	-	5	114	ATG	TAA	0	0	
mORF_-_4601894	4601894	4601920	-	6	27	TTG	TGA	0	0	
mORF_-_4601943	4601943	4602014	-	4	72	TTG	TAG	0	0	
mORF_-_4602011	4602011	4602028	-	6	18	ATG	TGA	0	0	
mORF_-_4602025	4602025	4602096	-	5	72	GTG	TGA	0	0	
mORF_-_4602053	4602053	4602142	-	6	90	TTG	TGA	0	0	
mORF_-_4602093	4602093	4602101	-	4	9	TTG	TGA	0	0	
mORF_-_4602149	4602149	4602238	-	6	90	ATG	TAA	0	0	
mORF_-_4602165	4602165	4602191	-	4	27	GTG	TAA	0	0	
mORF_-_4602199	4602199	4602219	-	5	21	GTG	TAA	0	0	

mORF_-_4602261	4602261	4602299	-	4	39	ATG	TAA	0	0	
mORF_-_4602265	4602265	4602321	-	5	57	ATG	TGA	0	0	
mORF_-_4602323	4602323	4602379	-	6	57	ATG	TGA	0	0	
mORF_-_4602454	4602454	4602573	-	5	120	ATG	TAA	0	0	
mORF_-_4602534	4602534	4602554	-	4	21	ATG	TGA	0	0	
mORF_-_4602573	4602573	4602629	-	4	57	TTG	TAA	0	0	
mORF_-_4602587	4602587	4602610	-	6	24	TTG	TGA	0	0	
mORF_-_4602611	4602611	4602622	-	6	12	ATG	TGA	0	0	
mORF_-_4602670	4602670	4602696	-	5	27	GTG	TAA	0	0	
mORF_-_4602683	4602683	4602727	-	6	45	TTG	TAG	0	0	
mORF_-_4602687	4602687	4602743	-	4	57	ATG	TGA	0	0	
mORF_-_4602724	4602724	4602741	-	5	18	GTG	TGA	0	0	
mORF_-_4602772	4602772	4602867	-	5	96	ATG	TGA	0	0	
mORF_-_4602813	4602813	4602851	-	4	39	ATG	TAA	0	0	
mORF_-_4602878	4602878	4602958	-	6	81	TTG	TAA	0	0	
mORF_-_4602898	4602898	4603686	-	5	789	ATG	TGA	2	7	pORF_-_4602898
mORF_-_4602903	4602903	4603067	-	4	165	TTG	TGA	0	0	
mORF_-_4603170	4603170	4603184	-	4	15	TTG	TAG	0	0	
mORF_-_4603206	4603206	4603331	-	4	126	ATG	TAA	0	0	
mORF_-_4603256	4603256	4603261	-	6	6	GTG	TGA	0	0	
mORF_-_4603304	4603304	4603510	-	6	207	ATG	TGA	0	0	
mORF_-_4603488	4603488	4603496	-	4	9	ATG	TAA	0	0	
mORF_-_4603521	4603521	4603661	-	4	141	ATG	TGA	0	0	
mORF_-_4603658	4603658	4603750	-	6	93	TTG	TGA	0	0	
mORF_-_4603737	4603737	4603835	-	4	99	TTG	TAA	0	0	
mORF_-_4603756	4603756	4603770	-	5	15	TTG	TAA	0	0	
mORF_-_4603784	4603784	4603828	-	6	45	ATG	TGA	0	0	
mORF_-_4603916	4603916	4603933	-	6	18	ATG	TGA	0	0	
mORF_-_4603930	4603930	4604016	-	5	87	GTG	TGA	0	0	
mORF_-_4603944	4603944	4603988	-	4	45	ATG	TAA	0	0	
mORF_-_4603970	4603970	4603975	-	6	6	TTG	TGA	0	0	
mORF_-_4603988	4603988	4604032	-	6	45	ATG	TAA	0	0	
mORF_-_4604054	4604054	4604182	-	6	129	GTG	TGA	0	0	
mORF_-_4604068	4604068	4604151	-	5	84	GTG	TGA	0	0	
mORF_-_4604167	4604167	4604196	-	5	30	ATG	TAG	0	0	
mORF_-_4604193	4604193	4604303	-	4	111	GTG	TGA	0	0	
mORF_-_4604198	4604198	4604272	-	6	75	GTG	TAA	0	0	
mORF_-_4604266	4604266	4604418	-	5	153	GTG	TAG	0	0	
mORF_-_4604325	4604325	4604387	-	4	63	GTG	TGA	0	0	
mORF_-_4604381	4604381	4604434	-	6	54	TTG	TAG	0	0	
mORF_-_4604403	4604403	4604426	-	4	24	ATG	TAG	0	0	
mORF_-_4604431	4604431	4604457	-	5	27	GTG	TGA	0	0	
mORF_-_4604438	4604438	4604467	-	6	30	ATG	TAA	0	0	
mORF_-_4604479	4604479	4604493	-	5	15	TTG	TGA	0	0	
mORF_-_4604490	4604490	4604537	-	4	48	ATG	TGA	0	0	
mORF_-_4604545	4604545	4604568	-	5	24	ATG	TAG	0	0	
mORF_-_4604613	4604613	4604660	-	4	48	GTG	TAG	0	0	
mORF_-_4604623	4604623	4604667	-	5	45	ATG	TAG	0	0	
mORF_-_4604657	4604657	4604674	-	6	18	GTG	TGA	0	0	
mORF_-_4604692	4604692	4605723	-	5	1032	ATG	TAA	28	121	pORF_-_4604692
mORF_-_4604757	4604757	4604783	-	4	27	ATG	TGA	0	0	
mORF_-_4604817	4604817	4604861	-	4	45	GTG	TAG	0	0	
mORF_-_4604868	4604868	4604906	-	4	39	ATG	TGA	0	0	
mORF_-_4604931	4604931	4604939	-	4	9	TTG	TGA	0	0	
mORF_-_4604949	4604949	4605005	-	4	57	TTG	TGA	0	0	
mORF_-_4604987	4604987	4605049	-	6	63	GTG	TGA	0	0	
mORF_-_4605024	4605024	4605119	-	4	96	ATG	TAG	0	0	
mORF_-_4605147	4605147	4605179	-	4	33	ATG	TAA	0	0	
mORF_-_4605222	4605222	4605305	-	4	84	GTG	TGA	0	0	
mORF_-_4605326	4605326	4605496	-	6	171	TTG	TAA	0	0	
mORF_-_4605330	4605330	4605398	-	4	69	TTG	TGA	0	0	
mORF_-_4605483	4605483	4605509	-	4	27	ATG	TGA	0	0	
mORF_-_4605558	4605558	4605596	-	4	39	GTG	TAA	0	0	

mORF_-_4605612	4605612	4605917	-	4	306	ATG	TAG	0	0	
mORF_-_4605734	4605734	4605763	-	6	30	ATG	TGA	0	0	
mORF_-_4605790	4605790	4605810	-	5	21	TTG	TAG	0	0	
mORF_-_4605824	4605824	4605832	-	6	9	ATG	TAG	0	0	
mORF_-_4605850	4605850	4605933	-	5	84	GTG	TAA	0	0	
mORF_-_4605866	4605866	4606006	-	6	141	ATG	TAA	0	0	
mORF_-_4606006	4606006	4606077	-	5	72	GTG	TAA	0	0	
mORF_-_4606013	4606013	4606141	-	6	129	GTG	TGA	0	0	
mORF_-_4606074	4606074	4606082	-	4	9	TTG	TGA	0	0	
mORF_-_4606128	4606128	4606205	-	4	78	GTG	TGA	0	0	
mORF_-_4606148	4606148	4606207	-	6	60	ATG	TGA	0	0	
mORF_-_4606186	4606186	4606215	-	5	30	GTG	TAA	0	0	
mORF_-_4606241	4606241	4606276	-	6	36	GTG	TAA	0	0	
mORF_-_4606252	4606252	4606311	-	5	60	TTG	TAA	0	0	
mORF_-_4606324	4606324	4606332	-	5	9	TTG	TAA	0	0	
mORF_-_4606336	4606336	4606410	-	5	75	TTG	TGA	0	0	
mORF_-_4606340	4606340	4606468	-	6	129	ATG	TAA	0	0	
mORF_-_4606398	4606398	4606403	-	4	6	ATG	TAG	0	0	
mORF_-_4606407	4606407	4606529	-	4	123	TTG	TGA	0	0	
mORF_-_4606438	4606438	4606590	-	5	153	TTG	TGA	0	0	
mORF_-_4606594	4606594	4606659	-	5	66	TTG	TAG	0	0	
mORF_-_4606629	4606629	4606643	-	4	15	TTG	TGA	0	0	
mORF_-_4606644	4606644	4606730	-	4	87	GTG	TGA	0	0	
mORF_-_4606712	4606712	4606726	-	6	15	ATG	TAA	0	0	
mORF_-_4606723	4606723	4606830	-	5	108	TTG	TGA	0	0	
mORF_-_4606755	4606755	4606766	-	4	12	GTG	TAA	0	0	
mORF_-_4606794	4606794	4606808	-	4	15	TTG	TGA	0	0	
mORF_-_4606802	4606802	4606813	-	6	12	GTG	TAA	0	0	
mORF_-_4606827	4606827	4606844	-	4	18	GTG	TGA	0	0	
mORF_-_4606841	4606841	4606849	-	6	9	ATG	TGA	0	0	
mORF_-_4606849	4606849	4607040	-	5	192	TTG	TAA	0	0	
mORF_-_4606857	4606857	4607060	-	4	204	GTG	TGA	0	0	
mORF_-_4607027	4607027	4607176	-	6	150	GTG	TAA	0	0	
mORF_-_4607073	4607073	4607117	-	4	45	TTG	TAA	0	0	
mORF_-_4607139	4607139	4607399	-	4	261	TTG	TAA	0	0	
mORF_-_4607173	4607173	4608663	-	5	1491	TTG	TGA	0	0	
mORF_-_4607225	4607225	4607260	-	6	36	GTG	TGA	0	0	
mORF_-_4607451	4607451	4607489	-	4	39	ATG	TAA	0	0	
mORF_-_4607496	4607496	4607555	-	4	60	ATG	TGA	0	0	
mORF_-_4607556	4607556	4607645	-	4	90	ATG	TGA	0	0	
mORF_-_4607673	4607673	4607702	-	4	30	GTG	TGA	0	0	
mORF_-_4607733	4607733	4607966	-	4	234	TTG	TAG	1	2	pORF_-_4607733
mORF_-_4607771	4607771	4607785	-	6	15	TTG	TAA	0	0	
mORF_-_4608015	4608015	4608038	-	4	24	ATG	TGA	0	0	
mORF_-_4608039	4608039	4608191	-	4	153	GTG	TGA	0	0	
mORF_-_4608056	4608056	4608109	-	6	54	GTG	TAA	0	0	
mORF_-_4608188	4608188	4608265	-	6	78	GTG	TGA	0	0	
mORF_-_4608345	4608345	4608554	-	4	210	ATG	TGA	0	0	
mORF_-_4608555	4608555	4608893	-	4	339	TTG	TGA	0	0	
mORF_-_4608596	4608596	4608619	-	6	24	GTG	TGA	0	0	
mORF_-_4608674	4608674	4608727	-	6	54	TTG	TGA	0	0	
mORF_-_4608829	4608829	4609023	-	5	195	ATG	TGA	0	0	
mORF_-_4608942	4608942	4608965	-	4	24	TTG	TAA	0	0	
mORF_-_4608962	4608962	4609066	-	6	105	TTG	TGA	0	0	
mORF_-_4609063	4609063	4609113	-	5	51	GTG	TGA	0	0	
mORF_-_4609088	4609088	4609174	-	6	87	TTG	TAA	0	0	
mORF_-_4609101	4609101	4609109	-	4	9	ATG	TAA	0	0	
mORF_-_4609120	4609120	4609152	-	5	33	TTG	TAA	0	0	
mORF_-_4609168	4609168	4609185	-	5	18	ATG	TAA	0	0	
mORF_-_4609197	4609197	4609211	-	4	15	TTG	TAA	0	0	
mORF_-_4609222	4609222	4609248	-	5	27	ATG	TGA	0	0	
mORF_-_4609271	4609271	4609300	-	6	30	GTG	TGA	0	0	
mORF_-_4609290	4609290	4609364	-	4	75	TTG	TAA	0	0	

mORF_-_4609354	4609354	4609404	-	5	51	ATG	TAG	0	0	
mORF_-_4609358	4609358	4609369	-	6	12	TTG	TGA	0	0	
mORF_-_4609386	4609386	4610078	-	4	693	GTG	TGA	1	3	pORF_-_4609386
mORF_-_4609423	4609423	4609431	-	5	9	TTG	TAG	0	0	
mORF_-_4609496	4609496	4609597	-	6	102	GTG	TAG	0	0	
mORF_-_4609625	4609625	4609645	-	6	21	GTG	TGA	0	0	
mORF_-_4609667	4609667	4609771	-	6	105	TTG	TGA	0	0	
mORF_-_4609811	4609811	4609852	-	6	42	TTG	TAG	0	0	
mORF_-_4609843	4609843	4609947	-	5	105	GTG	TGA	0	0	
mORF_-_4609883	4609883	4609903	-	6	21	GTG	TGA	0	0	
mORF_-_4609940	4609940	4609975	-	6	36	TTG	TGA	0	0	
mORF_-_4610017	4610017	4610127	-	5	111	ATG	TAG	0	0	
mORF_-_4610078	4610078	4610092	-	6	15	ATG	TAG	0	0	
mORF_-_4610109	4610109	4610117	-	4	9	TTG	TGA	0	0	
mORF_-_4610114	4610114	4610293	-	6	180	ATG	TGA	0	0	
mORF_-_4610179	4610179	4610202	-	5	24	GTG	TAA	0	0	
mORF_-_4610316	4610316	4610342	-	4	27	TTG	TGA	0	0	
mORF_-_4610393	4610393	4610404	-	6	12	ATG	TAA	0	0	
mORF_-_4610401	4610401	4610412	-	5	12	GTG	TGA	0	0	
mORF_-_4610409	4610409	4610549	-	4	141	GTG	TGA	0	0	
mORF_-_4610482	4610482	4610793	-	5	312	TTG	TAG	0	0	
mORF_-_4610585	4610585	4610614	-	6	30	ATG	TAA	0	0	
mORF_-_4610601	4610601	4610651	-	4	51	TTG	TAA	0	0	
mORF_-_4610661	4610661	4610681	-	4	21	ATG	TAA	0	0	
mORF_-_4610678	4610678	4610716	-	6	39	ATG	TGA	0	0	
mORF_-_4610685	4610685	4610828	-	4	144	TTG	TAG	0	0	
mORF_-_4610741	4610741	4610887	-	6	147	TTG	TAA	0	0	
mORF_-_4610874	4610874	4610891	-	4	18	TTG	TAA	0	0	
mORF_-_4610881	4610881	4610895	-	5	15	TTG	TAA	0	0	
mORF_-_4610940	4610940	4610969	-	4	30	ATG	TAA	0	0	
mORF_-_4610973	4610973	4611056	-	4	84	GTG	TAG	0	0	
mORF_-_4611008	4611008	4611022	-	6	15	TTG	TAA	0	0	
mORF_-_4611047	4611047	4611067	-	6	21	GTG	TGA	0	0	
mORF_-_4611064	4611064	4611186	-	5	123	TTG	TGA	0	0	
mORF_-_4611075	4611075	4611143	-	4	69	TTG	TAG	0	0	
mORF_-_4611168	4611168	4611179	-	4	12	ATG	TAG	0	0	
mORF_-_4611180	4611180	4611209	-	4	30	TTG	TGA	0	0	
mORF_-_4611188	4611188	4611244	-	6	57	ATG	TAA	0	0	
mORF_-_4611244	4611244	4611249	-	5	6	ATG	TAA	0	0	
mORF_-_4611318	4611318	4611593	-	4	276	TTG	TAA	0	0	
mORF_-_4611346	4611346	4611375	-	5	30	ATG	TAA	0	0	
mORF_-_4611407	4611407	4611484	-	6	78	ATG	TGA	0	0	
mORF_-_4611485	4611485	4611613	-	6	129	ATG	TAA	0	0	
mORF_-_4611553	4611553	4611591	-	5	39	GTG	TAA	0	0	
mORF_-_4611610	4611610	4611906	-	5	297	GTG	TGA	0	0	
mORF_-_4611657	4611657	4611722	-	4	66	ATG	TAA	0	0	
mORF_-_4611744	4611744	4611827	-	4	84	TTG	TAG	0	0	
mORF_-_4611846	4611846	4611902	-	4	57	ATG	TAA	0	0	
mORF_-_4611878	4611878	4611961	-	6	84	GTG	TAG	0	0	
mORF_-_4611903	4611903	4611947	-	4	45	GTG	TGA	0	0	
mORF_-_4611951	4611951	4611995	-	4	45	TTG	TAA	0	0	
mORF_-_4612022	4612022	4612051	-	6	30	GTG	TAG	0	0	
mORF_-_4612048	4612048	4612059	-	5	12	GTG	TGA	0	0	
mORF_-_4612052	4612052	4612144	-	6	93	TTG	TAG	0	0	
mORF_-_4612081	4612081	4612104	-	5	24	ATG	TGA	0	0	
mORF_-_4612107	4612107	4612427	-	4	321	TTG	TAA	0	0	
mORF_-_4612151	4612151	4612258	-	6	108	GTG	TGA	0	0	
mORF_-_4612270	4612270	4612326	-	5	57	TTG	TAA	0	0	
mORF_-_4612298	4612298	4612324	-	6	27	GTG	TGA	0	0	
mORF_-_4612361	4612361	4612627	-	6	267	GTG	TAG	0	0	
mORF_-_4612399	4612399	4612425	-	5	27	GTG	TGA	0	0	
mORF_-_4612462	4612462	4612701	-	5	240	ATG	TAG	0	0	
mORF_-_4612500	4612500	4612526	-	4	27	ATG	TGA	0	0	

mORF_-_4612563	4612563	4612706	-	4	144	GTG	TAG	0	0	
mORF_-_4612664	4612664	4612669	-	6	6	TTG	TAG	0	0	
mORF_-_4612703	4612703	4613566	-	6	864	ATG	TGA	0	0	
mORF_-_4612750	4612750	4612830	-	5	81	ATG	TAA	0	0	
mORF_-_4612840	4612840	4612857	-	5	18	ATG	TGA	0	0	
mORF_-_4612995	4612995	4613066	-	4	72	GTG	TAA	0	0	
mORF_-_4613098	4613098	4613211	-	5	114	GTG	TGA	0	0	
mORF_-_4613218	4613218	4613253	-	5	36	ATG	TAA	0	0	
mORF_-_4613256	4613256	4613312	-	4	57	GTG	TAG	0	0	
mORF_-_4613275	4613275	4613301	-	5	27	ATG	TGA	0	0	
mORF_-_4613317	4613317	4613517	-	5	201	TTG	TGA	0	0	
mORF_-_4613328	4613328	4613357	-	4	30	GTG	TGA	0	0	
mORF_-_4613370	4613370	4613411	-	4	42	GTG	TGA	0	0	
mORF_-_4613421	4613421	4613444	-	4	24	GTG	TGA	0	0	
mORF_-_4613538	4613538	4615088	-	4	1551	ATG	TAA	3	11	pORF_-_4613538
mORF_-_4613669	4613669	4613764	-	6	96	GTG	TAG	0	0	
mORF_-_4613755	4613755	4613772	-	5	18	TTG	TAA	0	0	
mORF_-_4613819	4613819	4613989	-	6	171	ATG	TGA	0	0	
mORF_-_4613993	4613993	4614013	-	6	21	TTG	TGA	0	0	
mORF_-_4614044	4614044	4614151	-	6	108	TTG	TAG	0	0	
mORF_-_4614097	4614097	4614102	-	5	6	GTG	TGA	0	0	
mORF_-_4614179	4614179	4614319	-	6	141	TTG	TGA	0	0	
mORF_-_4614226	4614226	4614231	-	5	6	GTG	TGA	0	0	
mORF_-_4614326	4614326	4614358	-	6	33	GTG	TGA	0	0	
mORF_-_4614386	4614386	4614496	-	6	111	ATG	TGA	0	0	
mORF_-_4614454	4614454	4614459	-	5	6	ATG	TAG	0	0	
mORF_-_4614548	4614548	4614565	-	6	18	GTG	TGA	0	0	
mORF_-_4614662	4614662	4614673	-	6	12	ATG	TAA	0	0	
mORF_-_4614689	4614689	4614721	-	6	33	ATG	TAA	0	0	
mORF_-_4614782	4614782	4614907	-	6	126	TTG	TGA	0	0	
mORF_-_4614802	4614802	4614834	-	5	33	ATG	TGA	0	0	
mORF_-_4614920	4614920	4615216	-	6	297	ATG	TAA	0	0	
mORF_-_4615021	4615021	4615053	-	5	33	TTG	TAG	0	0	
mORF_-_4615101	4615101	4615181	-	4	81	ATG	TAA	0	0	
mORF_-_4615144	4615144	4615185	-	5	42	ATG	TGA	0	0	
mORF_-_4615197	4615197	4615229	-	4	33	TTG	TAA	0	0	
mORF_-_4615288	4615288	4615419	-	5	132	GTG	TAA	0	0	
mORF_-_4615296	4615296	4615379	-	4	84	GTG	TAG	0	0	
mORF_-_4615319	4615319	4616095	-	6	777	GTG	TAA	0	0	
mORF_-_4615447	4615447	4615470	-	5	24	TTG	TGA	0	0	
mORF_-_4615489	4615489	4615599	-	5	111	ATG	TAG	0	0	
mORF_-_4615557	4615557	4615625	-	4	69	TTG	TAG	0	0	
mORF_-_4615630	4615630	4615998	-	5	369	ATG	TAG	0	0	
mORF_-_4615944	4615944	4616072	-	4	129	TTG	TGA	0	0	
mORF_-_4616165	4616165	4616209	-	6	45	ATG	TAG	0	0	
mORF_-_4616178	4616178	4616228	-	4	51	ATG	TAG	0	0	
mORF_-_4616225	4616225	4616398	-	6	174	GTG	TGA	0	0	
mORF_-_4616247	4616247	4616264	-	4	18	GTG	TAA	0	0	
mORF_-_4616293	4616293	4616511	-	5	219	GTG	TGA	0	0	
mORF_-_4616349	4616349	4616408	-	4	60	TTG	TAG	0	0	
mORF_-_4616447	4616447	4616608	-	6	162	ATG	TGA	0	0	
mORF_-_4616605	4616605	4616670	-	5	66	TTG	TGA	0	0	
mORF_-_4616709	4616709	4616729	-	4	21	GTG	TAA	0	0	
mORF_-_4616726	4616726	4617625	-	6	900	ATG	TGA	0	0	
mORF_-_4616752	4616752	4616802	-	5	51	GTG	TAG	0	0	
mORF_-_4616769	4616769	4616777	-	4	9	TTG	TAA	0	0	
mORF_-_4616890	4616890	4616976	-	5	87	ATG	TAG	0	0	
mORF_-_4616980	4616980	4617168	-	5	189	TTG	TGA	0	0	
mORF_-_4617075	4617075	4617209	-	4	135	GTG	TGA	0	0	
mORF_-_4617303	4617303	4617371	-	4	69	ATG	TGA	0	0	
mORF_-_4617364	4617364	4617381	-	5	18	ATG	TGA	0	0	
mORF_-_4617436	4617436	4617543	-	5	108	GTG	TGA	0	0	
mORF_-_4617453	4617453	4617512	-	4	60	TTG	TAA	0	0	

mORF_-_4617513	4617513	4617548	-	4	36	TTG	TAA	0	0	
mORF_-_4617553	4617553	4617594	-	5	42	ATG	TAG	0	0	
mORF_-_4617591	4617591	4617638	-	4	48	ATG	TGA	0	0	
mORF_-_4617595	4617595	4617714	-	5	120	GTG	TAA	0	0	
mORF_-_4617642	4617642	4617659	-	4	18	ATG	TAA	0	0	
mORF_-_4617656	4617656	4617895	-	6	240	GTG	TGA	0	0	
mORF_-_4617721	4617721	4617861	-	5	141	TTG	TGA	0	0	
mORF_-_4617777	4617777	4617818	-	4	42	GTG	TGA	0	0	
mORF_-_4617870	4617870	4617905	-	4	36	ATG	TAA	0	0	
mORF_-_4617902	4617902	4618714	-	6	813	GTG	TGA	1	3	pORF_-_4617902
mORF_-_4618045	4618045	4618080	-	5	36	ATG	TAA	0	0	
mORF_-_4618087	4618087	4618119	-	5	33	TTG	TGA	0	0	
mORF_-_4618195	4618195	4618233	-	5	39	TTG	TAG	0	0	
mORF_-_4618240	4618240	4618284	-	5	45	TTG	TAG	0	0	
mORF_-_4618272	4618272	4618343	-	4	72	GTG	TAA	0	0	
mORF_-_4618315	4618315	4618413	-	5	99	ATG	TGA	0	0	
mORF_-_4618414	4618414	4618527	-	5	114	TTG	TAG	0	0	
mORF_-_4618576	4618576	4618716	-	5	141	ATG	TAA	0	0	
mORF_-_4618656	4618656	4618802	-	4	147	TTG	TGA	0	0	
mORF_-_4618754	4618754	4618906	-	6	153	TTG	TGA	0	0	
mORF_-_4618762	4618762	4618842	-	5	81	ATG	TGA	0	0	
mORF_-_4618882	4618882	4619535	-	5	654	GTG	TAA	0	0	
mORF_-_4618887	4618887	4619054	-	4	168	GTG	TGA	0	0	
mORF_-_4618910	4618910	4618918	-	6	9	GTG	TAG	0	0	
mORF_-_4619061	4619061	4619075	-	4	15	TTG	TAA	0	0	
mORF_-_4619091	4619091	4619120	-	4	30	ATG	TGA	0	0	
mORF_-_4619121	4619121	4619306	-	4	186	ATG	TAG	0	0	
mORF_-_4619330	4619330	4619338	-	6	9	GTG	TAG	0	0	
mORF_-_4619385	4619385	4619432	-	4	48	ATG	TAG	0	0	
mORF_-_4619463	4619463	4619531	-	4	69	GTG	TAG	0	0	
mORF_-_4619532	4619532	4619546	-	4	15	GTG	TGA	0	0	
mORF_-_4619559	4619559	4619585	-	4	27	TTG	TGA	0	0	
mORF_-_4619582	4619582	4619641	-	6	60	TTG	TGA	0	0	
mORF_-_4619686	4619686	4619700	-	5	15	ATG	TAA	0	0	
mORF_-_4619736	4619736	4619861	-	4	126	TTG	TGA	0	0	
mORF_-_4619813	4619813	4619821	-	6	9	TTG	TAA	0	0	
mORF_-_4619862	4619862	4619945	-	4	84	GTG	TGA	0	0	
mORF_-_4619879	4619879	4620013	-	6	135	ATG	TGA	1	0	pORF_-_4619879
mORF_-_4619956	4619956	4620027	-	5	72	ATG	TAA	0	0	
mORF_-_4620161	4620161	4620433	-	6	273	TTG	TAA	0	0	
mORF_-_4620294	4620294	4620302	-	4	9	GTG	TAA	0	0	
mORF_-_4620328	4620328	4620339	-	5	12	GTG	TGA	0	0	
mORF_-_4620336	4620336	4620413	-	4	78	TTG	TGA	0	0	
mORF_-_4620417	4620417	4620431	-	4	15	GTG	TAA	0	0	
mORF_-_4620424	4620424	4620753	-	5	330	GTG	TAG	0	0	
mORF_-_4620440	4620440	4620499	-	6	60	TTG	TGA	0	0	
mORF_-_4620468	4620468	4620479	-	4	12	GTG	TGA	0	0	
mORF_-_4620515	4620515	4620565	-	6	51	GTG	TAG	0	0	
mORF_-_4620528	4620528	4620593	-	4	66	TTG	TAG	0	0	
mORF_-_4620575	4620575	4620823	-	6	249	GTG	TGA	0	0	
mORF_-_4620690	4620690	4620722	-	4	33	TTG	TAA	0	0	
mORF_-_4620750	4620750	4620791	-	4	42	ATG	TGA	0	0	
mORF_-_4620754	4620754	4620810	-	5	57	TTG	TGA	0	0	
mORF_-_4620801	4620801	4620908	-	4	108	TTG	TAA	0	0	
mORF_-_4620877	4620877	4620885	-	5	9	ATG	TAG	0	0	
mORF_-_4620898	4620898	4621113	-	5	216	ATG	TAG	0	0	
mORF_-_4620980	4620980	4621090	-	6	111	TTG	TAA	0	0	
mORF_-_4621038	4621038	4621148	-	4	111	ATG	TGA	0	0	
mORF_-_4621124	4621124	4622140	-	6	1017	ATG	TAG	9	29	pORF_-_4621124
mORF_-_4621129	4621129	4621506	-	5	378	ATG	TAA	0	0	
mORF_-_4621188	4621188	4621208	-	4	21	GTG	TGA	0	0	
mORF_-_4621368	4621368	4621412	-	4	45	ATG	TGA	0	0	
mORF_-_4621419	4621419	4621541	-	4	123	TTG	TAG	0	0	

mORF_-_4621528	4621528	4621551	-	5	24	ATG	TAA	0	0	
mORF_-_4621585	4621585	4621674	-	5	90	ATG	TGA	0	0	
mORF_-_4621813	4621813	4622004	-	5	192	TTG	TGA	0	0	
mORF_-_4621971	4621971	4622075	-	4	105	GTG	TAA	0	0	
mORF_-_4622008	4622008	4622022	-	5	15	ATG	TAG	0	0	
mORF_-_4622091	4622091	4622099	-	4	9	GTG	TAA	0	0	
mORF_-_4622112	4622112	4622171	-	4	60	GTG	TGA	0	0	
mORF_-_4622168	4622168	4622812	-	6	645	ATG	TGA	1	2	pORF_-_4622168
mORF_-_4622281	4622281	4622286	-	5	6	GTG	TAG	0	0	
mORF_-_4622380	4622380	4622565	-	5	186	ATG	TGA	0	0	
mORF_-_4622569	4622569	4622604	-	5	36	ATG	TAA	0	0	
mORF_-_4622623	4622623	4622634	-	5	12	TTG	TGA	0	0	
mORF_-_4622712	4622712	4622819	-	4	108	GTG	TAG	0	0	
mORF_-_4622743	4622743	4622769	-	5	27	TTG	TAG	0	0	
mORF_-_4622794	4622794	4622928	-	5	135	ATG	TGA	0	0	
mORF_-_4622838	4622838	4622876	-	4	39	ATG	TAA	0	0	
mORF_-_4622928	4622928	4623164	-	4	237	GTG	TAA	0	0	
mORF_-_4622984	4622984	4623079	-	6	96	TTG	TAA	0	0	
mORF_-_4623013	4623013	4623090	-	5	78	TTG	TAA	0	0	
mORF_-_4623139	4623139	4623759	-	5	621	TTG	TGA	0	0	
mORF_-_4623161	4623161	4623439	-	6	279	TTG	TGA	0	0	
mORF_-_4623165	4623165	4623173	-	4	9	GTG	TGA	0	0	
mORF_-_4623177	4623177	4623182	-	4	6	GTG	TAG	0	0	
mORF_-_4623473	4623473	4623832	-	6	360	GTG	TAA	0	0	
mORF_-_4623756	4623756	4623797	-	4	42	TTG	TGA	0	0	
mORF_-_4623781	4623781	4623825	-	5	45	ATG	TAG	0	0	
mORF_-_4623819	4623819	4623950	-	4	132	TTG	TGA	0	0	
mORF_-_4623829	4623829	4623858	-	5	30	ATG	TGA	0	0	
mORF_-_4623863	4623863	4623901	-	6	39	ATG	TGA	0	0	
mORF_-_4623877	4623877	4623933	-	5	57	GTG	TGA	0	0	
mORF_-_4623920	4623920	4624021	-	6	102	ATG	TAA	0	0	
mORF_-_4624018	4624018	4624038	-	5	21	GTG	TGA	0	0	
mORF_-_4624035	4624035	4624064	-	4	30	TTG	TGA	0	0	
mORF_-_4624086	4624086	4624118	-	4	33	TTG	TGA	0	0	
mORF_-_4624093	4624093	4624320	-	5	228	GTG	TAG	0	0	
mORF_-_4624268	4624268	4624483	-	6	216	ATG	TAG	0	0	
mORF_-_4624317	4624317	4624349	-	4	33	TTG	TGA	0	0	
mORF_-_4624357	4624357	4624410	-	5	54	ATG	TGA	0	0	
mORF_-_4624386	4624386	4624550	-	4	165	GTG	TGA	0	0	
mORF_-_4624499	4624499	4624705	-	6	207	ATG	TGA	0	0	
mORF_-_4624540	4624540	4624779	-	5	240	TTG	TAA	1	2	pORF_-_4624540
mORF_-_4624773	4624773	4624952	-	4	180	TTG	TGA	0	0	
mORF_-_4624829	4624829	4624990	-	6	162	TTG	TGA	0	0	
mORF_-_4625063	4625063	4625200	-	6	138	GTG	TAA	0	0	
mORF_-_4625312	4625312	4625347	-	6	36	ATG	TAA	0	0	
mORF_-_4625344	4625344	4625376	-	5	33	TTG	TGA	0	0	
mORF_-_4625352	4625352	4625459	-	4	108	TTG	TAA	0	0	
mORF_-_4625440	4625440	4625622	-	5	183	ATG	TAA	0	0	
mORF_-_4625456	4625456	4625563	-	6	108	GTG	TGA	0	0	
mORF_-_4625580	4625580	4625678	-	4	99	ATG	TAG	0	0	
mORF_-_4625716	4625716	4625904	-	5	189	ATG	TAA	0	0	
mORF_-_4625736	4625736	4625753	-	4	18	ATG	TGA	0	0	
mORF_-_4625754	4625754	4625822	-	4	69	TTG	TGA	0	0	
mORF_-_4625828	4625828	4625890	-	6	63	GTG	TAA	0	0	
mORF_-_4625862	4625862	4625867	-	4	6	GTG	TAG	0	0	
mORF_-_4625988	4625988	4626110	-	4	123	GTG	TAG	0	0	
mORF_-_4626101	4626101	4626256	-	6	156	ATG	TGA	0	0	
mORF_-_4626145	4626145	4626318	-	5	174	ATG	TGA	0	0	
mORF_-_4626213	4626213	4626281	-	4	69	GTG	TGA	0	0	
mORF_-_4626275	4626275	4626589	-	6	315	TTG	TGA	0	0	
mORF_-_4626282	4626282	4626476	-	4	195	TTG	TGA	0	0	
mORF_-_4626507	4626507	4626764	-	4	258	TTG	TAA	0	0	
mORF_-_4626586	4626586	4626693	-	5	108	GTG	TGA	0	0	

mORF_-_4626653	4626653	4626679	-	6	27	GTG	TAA	0	0	
mORF_-_4626707	4626707	4626739	-	6	33	GTG	TAG	0	0	
mORF_-_4626736	4626736	4626753	-	5	18	ATG	TGA	0	0	
mORF_-_4626761	4626761	4626862	-	6	102	ATG	TGA	0	0	
mORF_-_4626807	4626807	4626878	-	4	72	ATG	TAA	0	0	
mORF_-_4626871	4626871	4627263	-	5	393	TTG	TAA	0	0	
mORF_-_4626878	4626878	4628545	-	6	1668	GTG	TAA	146	2270	pORF_-_4626878
mORF_-_4626996	4626996	4627043	-	4	48	TTG	TGA	0	0	
mORF_-_4627251	4627251	4627334	-	4	84	TTG	TAA	0	0	
mORF_-_4627300	4627300	4627374	-	5	75	TTG	TGA	0	0	
mORF_-_4627387	4627387	4627398	-	5	12	GTG	TGA	0	0	
mORF_-_4627441	4627441	4627470	-	5	30	GTG	TGA	0	0	
mORF_-_4627519	4627519	4627530	-	5	12	TTG	TGA	0	0	
mORF_-_4627531	4627531	4627548	-	5	18	ATG	TGA	0	0	
mORF_-_4627654	4627654	4627965	-	5	312	ATG	TGA	0	0	
mORF_-_4627704	4627704	4627724	-	4	21	ATG	TAA	0	0	
mORF_-_4627818	4627818	4627829	-	4	12	GTG	TAA	0	0	
mORF_-_4627875	4627875	4628027	-	4	153	GTG	TAA	0	0	
mORF_-_4628032	4628032	4628109	-	5	78	GTG	TAG	0	0	
mORF_-_4628125	4628125	4628232	-	5	108	ATG	TGA	0	0	
mORF_-_4628242	4628242	4628286	-	5	45	GTG	TGA	0	0	
mORF_-_4628305	4628305	4628424	-	5	120	ATG	TGA	0	0	
mORF_-_4628412	4628412	4628684	-	4	273	TTG	TAA	0	0	
mORF_-_4628425	4628425	4628442	-	5	18	TTG	TGA	0	0	
mORF_-_4628479	4628479	4628517	-	5	39	GTG	TGA	0	0	
mORF_-_4628633	4628633	4628716	-	6	84	ATG	TGA	0	0	
mORF_-_4628692	4628692	4628769	-	5	78	TTG	TAA	0	0	
mORF_-_4628706	4628706	4628726	-	4	21	ATG	TAA	0	0	
mORF_-_4628735	4628735	4628740	-	6	6	GTG	TAA	0	0	
mORF_-_4628741	4628741	4628773	-	6	33	TTG	TAA	0	0	
mORF_-_4628817	4628817	4628843	-	4	27	GTG	TGA	0	0	
mORF_-_4628840	4628840	4629061	-	6	222	TTG	TGA	0	0	
mORF_-_4628863	4628863	4628877	-	5	15	TTG	TAA	0	0	
mORF_-_4628953	4628953	4628976	-	5	24	GTG	TAG	0	0	
mORF_-_4628992	4628992	4629075	-	5	84	TTG	TGA	0	0	
mORF_-_4629110	4629110	4629205	-	6	96	TTG	TAA	0	0	
mORF_-_4629163	4629163	4629345	-	5	183	GTG	TAG	0	0	
mORF_-_4629281	4629281	4629292	-	6	12	TTG	TGA	0	0	
mORF_-_4629385	4629385	4629426	-	5	42	TTG	TAA	0	0	
mORF_-_4629393	4629393	4629407	-	4	15	TTG	TAG	0	0	
mORF_-_4629408	4629408	4629416	-	4	9	GTG	TGA	0	0	
mORF_-_4629413	4629413	4629685	-	6	273	TTG	TGA	0	0	
mORF_-_4629429	4629429	4629458	-	4	30	TTG	TAG	0	0	
mORF_-_4629474	4629474	4629551	-	4	78	ATG	TAA	0	0	
mORF_-_4629589	4629589	4629729	-	5	141	GTG	TGA	0	0	
mORF_-_4629771	4629771	4629851	-	4	81	TTG	TAG	0	0	
mORF_-_4629818	4629818	4629910	-	6	93	TTG	TAA	0	0	
mORF_-_4629865	4629865	4629873	-	5	9	ATG	TGA	0	0	
mORF_-_4629870	4629870	4630073	-	4	204	TTG	TGA	0	0	
mORF_-_4629889	4629889	4629915	-	5	27	ATG	TAG	0	0	
mORF_-_4629976	4629976	4630068	-	5	93	TTG	TGA	0	0	
mORF_-_4630070	4630070	4630240	-	6	171	TTG	TGA	0	0	
mORF_-_4630087	4630087	4630113	-	5	27	TTG	TGA	0	0	
mORF_-_4630128	4630128	4630142	-	4	15	TTG	TAA	0	0	
mORF_-_4630192	4630192	4630209	-	5	18	TTG	TAA	0	0	
mORF_-_4630206	4630206	4630298	-	4	93	GTG	TGA	0	0	
mORF_-_4630213	4630213	4630218	-	5	6	GTG	TAG	0	0	
mORF_-_4630295	4630295	4630441	-	6	147	TTG	TGA	0	0	
mORF_-_4630375	4630375	4630428	-	5	54	GTG	TAA	0	0	
mORF_-_4630416	4630416	4630577	-	4	162	ATG	TGA	0	0	
mORF_-_4630450	4630450	4630464	-	5	15	TTG	TGA	0	0	
mORF_-_4630489	4630489	4630530	-	5	42	TTG	TAA	0	0	
mORF_-_4630633	4630633	4630671	-	5	39	GTG	TAG	0	0	

mORF_-_4630638	4630638	4630700	-	4	63	GTG	TGA	0	0	
mORF_-_4630687	4630687	4630794	-	5	108	TTG	TAA	0	0	
mORF_-_4630703	4630703	4630750	-	6	48	ATG	TAA	0	0	
mORF_-_4630781	4630781	4630798	-	6	18	GTG	TAA	0	0	
mORF_-_4630804	4630804	4630830	-	5	27	GTG	TGA	0	0	
mORF_-_4630840	4630840	4630887	-	5	48	ATG	TAA	0	0	
mORF_-_4630869	4630869	4631225	-	4	357	ATG	TAG	0	0	
mORF_-_4630993	4630993	4631145	-	5	153	ATG	TAA	2	24	pORF_-_4630993
mORF_-_4631138	4631138	4631269	-	6	132	ATG	TGA	0	0	
mORF_-_4631188	4631188	4631193	-	5	6	TTG	TAG	0	0	
mORF_-_4631256	4631256	4631777	-	4	522	ATG	TAA	1	4	pORF_-_4631256
mORF_-_4631294	4631294	4631380	-	6	87	TTG	TGA	0	0	
mORF_-_4631399	4631399	4631425	-	6	27	GTG	TGA	0	0	
mORF_-_4631441	4631441	4631500	-	6	60	TTG	TGA	0	0	
mORF_-_4631497	4631497	4631511	-	5	15	TTG	TGA	0	0	
mORF_-_4631501	4631501	4631587	-	6	87	ATG	TGA	0	0	
mORF_-_4631542	4631542	4631556	-	5	15	TTG	TGA	0	0	
mORF_-_4631591	4631591	4631758	-	6	168	TTG	TAG	0	0	
mORF_-_4631731	4631731	4631940	-	5	210	TTG	TAA	0	0	
mORF_-_4631795	4631795	4631821	-	6	27	ATG	TAA	0	0	
mORF_-_4631835	4631835	4631969	-	4	135	ATG	TAG	0	0	
mORF_-_4631879	4631879	4632208	-	6	330	TTG	TGA	0	0	
mORF_-_4632066	4632066	4632095	-	4	30	ATG	TAA	0	0	
mORF_-_4632142	4632142	4632183	-	5	42	TTG	TGA	0	0	
mORF_-_4632205	4632205	4632318	-	5	114	ATG	TGA	0	0	
mORF_-_4632234	4632234	4632269	-	4	36	ATG	TAA	0	0	
mORF_-_4632333	4632333	4632431	-	4	99	ATG	TAA	0	0	
mORF_-_4632352	4632352	4632447	-	5	96	ATG	TAG	0	0	
mORF_-_4632371	4632371	4632424	-	6	54	ATG	TGA	0	0	
mORF_-_4632464	4632464	4633333	-	6	870	ATG	TAA	16	135	pORF_-_4632464
mORF_-_4632481	4632481	4632552	-	5	72	TTG	TGA	0	0	
mORF_-_4632564	4632564	4632596	-	4	33	GTG	TAA	0	0	
mORF_-_4632610	4632610	4632648	-	5	39	ATG	TGA	0	0	
mORF_-_4632658	4632658	4632663	-	5	6	ATG	TGA	0	0	
mORF_-_4632697	4632697	4632711	-	5	15	ATG	TGA	0	0	
mORF_-_4632727	4632727	4632789	-	5	63	ATG	TAG	0	0	
mORF_-_4632790	4632790	4632918	-	5	129	TTG	TGA	0	0	
mORF_-_4632919	4632919	4633047	-	5	129	TTG	TGA	0	0	
mORF_-_4632969	4632969	4633010	-	4	42	ATG	TGA	0	0	
mORF_-_4633129	4633129	4633203	-	5	75	ATG	TGA	0	0	
mORF_-_4633206	4633206	4633364	-	4	159	GTG	TAA	0	0	
mORF_-_4633252	4633252	4633257	-	5	6	ATG	TAG	0	0	
mORF_-_4633343	4633343	4633486	-	6	144	TTG	TGA	0	0	
mORF_-_4633351	4633351	4633410	-	5	60	ATG	TGA	0	0	
mORF_-_4633491	4633491	4633595	-	4	105	ATG	TAA	0	0	
mORF_-_4633495	4633495	4633554	-	5	60	TTG	TAA	0	0	
mORF_-_4633508	4633508	4633558	-	6	51	ATG	TAG	0	0	
mORF_-_4633571	4633571	4633795	-	6	225	TTG	TAA	0	0	
mORF_-_4633600	4633600	4633629	-	5	30	GTG	TGA	0	0	
mORF_-_4633654	4633654	4633704	-	5	51	GTG	TGA	0	0	
mORF_-_4633708	4633708	4633782	-	5	75	ATG	TAA	0	0	
mORF_-_4633789	4633789	4633836	-	5	48	TTG	TGA	0	0	
mORF_-_4633840	4633840	4633869	-	5	30	GTG	TGA	0	0	
mORF_-_4633889	4633889	4634035	-	6	147	TTG	TAA	0	0	
mORF_-_4633906	4633906	4633923	-	5	18	TTG	TAA	0	0	
mORF_-_4633942	4633942	4634082	-	5	141	GTG	TAA	0	0	
mORF_-_4634051	4634051	4634068	-	6	18	TTG	TAA	0	0	
mORF_-_4634089	4634089	4634181	-	5	93	ATG	TAG	0	0	
mORF_-_4634234	4634234	4634248	-	6	15	ATG	TAA	0	0	
mORF_-_4634329	4634329	4634598	-	5	270	GTG	TAG	0	0	
mORF_-_4634337	4634337	4634351	-	4	15	GTG	TAG	0	0	
mORF_-_4634381	4634381	4634437	-	6	57	ATG	TAA	0	0	
mORF_-_4634466	4634466	4634486	-	4	21	ATG	TGA	0	0	

mORF_-_4634529	4634529	4634537	-	4	9	GTG	TGA	0	0	
mORF_-_4634534	4634534	4634623	-	6	90	GTG	TGA	0	0	
mORF_-_4634599	4634599	4634658	-	5	60	TTG	TAG	0	0	
mORF_-_4634655	4634655	4634672	-	4	18	GTG	TGA	0	0	
mORF_-_4634669	4634669	4634686	-	6	18	ATG	TGA	0	0	
mORF_-_4634676	4634676	4634732	-	4	57	ATG	TAA	0	0	
mORF_-_4634683	4634683	4634694	-	5	12	ATG	TGA	0	0	
mORF_-_4634748	4634748	4634852	-	4	105	GTG	TAG	0	0	
mORF_-_4634755	4634755	4634916	-	5	162	TTG	TAA	0	0	
mORF_-_4634807	4634807	4634905	-	6	99	TTG	TAA	0	0	
mORF_-_4634934	4634934	4634990	-	4	57	TTG	TGA	0	0	
mORF_-_4634938	4634938	4635000	-	5	63	ATG	TAG	0	0	
mORF_-_4634975	4634975	4635175	-	6	201	GTG	TAA	0	0	
mORF_-_4635003	4635003	4635026	-	4	24	TTG	TAG	0	0	
mORF_-_4635091	4635091	4635132	-	5	42	TTG	TAG	0	0	
mORF_-_4635105	4635105	4635359	-	4	255	GTG	TGA	0	0	
mORF_-_4635248	4635248	4635304	-	6	57	GTG	TAA	0	0	
mORF_-_4635363	4635363	4635386	-	4	24	TTG	TAG	0	0	
mORF_-_4635377	4635377	4635529	-	6	153	GTG	TGA	0	0	
mORF_-_4635505	4635505	4635513	-	5	9	ATG	TAA	0	0	
mORF_-_4635510	4635510	4635608	-	4	99	ATG	TGA	0	0	
mORF_-_4635559	4635559	4635618	-	5	60	TTG	TAA	0	0	
mORF_-_4635596	4635596	4635715	-	6	120	ATG	TAA	0	0	
mORF_-_4635678	4635678	4635887	-	4	210	GTG	TGA	0	0	
mORF_-_4635715	4635715	4635777	-	5	63	ATG	TAA	0	0	
mORF_-_4635889	4635889	4635915	-	5	27	GTG	TAG	0	0	
mORF_-_4635906	4635906	4635920	-	4	15	GTG	TGA	0	0	
mORF_-_4635923	4635923	4636006	-	6	84	TTG	TAA	0	0	
mORF_-_4635967	4635967	4636455	-	5	489	ATG	TGA	0	0	
mORF_-_4635987	4635987	4636088	-	4	102	TTG	TAA	0	0	
mORF_-_4636131	4636131	4636139	-	4	9	GTG	TGA	0	0	
mORF_-_4636136	4636136	4636189	-	6	54	TTG	TGA	0	0	
mORF_-_4636146	4636146	4636184	-	4	39	ATG	TGA	0	0	
mORF_-_4636308	4636308	4636379	-	4	72	ATG	TAA	0	0	
mORF_-_4636401	4636401	4636490	-	4	90	TTG	TAA	0	0	
mORF_-_4636448	4636448	4636474	-	6	27	ATG	TAA	0	0	
mORF_-_4636471	4636471	4636542	-	5	72	GTG	TGA	0	0	
mORF_-_4636491	4636491	4636511	-	4	21	TTG	TGA	0	0	
mORF_-_4636530	4636530	4636916	-	4	387	TTG	TGA	0	0	
mORF_-_4636592	4636592	4636603	-	6	12	TTG	TGA	0	0	
mORF_-_4636607	4636607	4636624	-	6	18	ATG	TGA	0	0	
mORF_-_4636720	4636720	4636746	-	5	27	ATG	TAA	0	0	
mORF_-_4636864	4636864	4636884	-	5	21	ATG	TAA	0	0	
mORF_-_4636933	4636933	4636956	-	5	24	TTG	TGA	0	0	
mORF_-_4636941	4636941	4637003	-	4	63	TTG	TGA	0	0	
mORF_-_4636996	4636996	4637070	-	5	75	TTG	TGA	0	0	
mORF_-_4637061	4637061	4637150	-	4	90	GTG	TGA	0	0	
mORF_-_4637071	4637071	4637157	-	5	87	TTG	TAA	0	0	
mORF_-_4637087	4637087	4637113	-	6	27	GTG	TAG	0	0	
mORF_-_4637147	4637147	4637197	-	6	51	ATG	TGA	0	0	
mORF_-_4637161	4637161	4637175	-	5	15	TTG	TAA	0	0	
mORF_-_4637194	4637194	4637307	-	5	114	TTG	TGA	0	0	
mORF_-_4637246	4637246	4637257	-	6	12	ATG	TAA	0	0	
mORF_-_4637298	4637298	4637450	-	4	153	ATG	TAA	0	0	
mORF_-_4637387	4637387	4637491	-	6	105	GTG	TGA	0	0	
mORF_-_4637519	4637519	4637650	-	6	132	GTG	TAA	0	0	
mORF_-_4637613	4637613	4638329	-	4	717	ATG	TAA	50	945	pORF_-_4637613
mORF_-_4637747	4637747	4637755	-	6	9	GTG	TGA	0	0	
mORF_-_4637771	4637771	4637866	-	6	96	ATG	TGA	0	0	
mORF_-_4637866	4637866	4637907	-	5	42	TTG	TGA	0	0	
mORF_-_4637876	4637876	4637929	-	6	54	TTG	TGA	0	0	
mORF_-_4637963	4637963	4637992	-	6	30	GTG	TGA	0	0	
mORF_-_4637999	4637999	4638082	-	6	84	GTG	TGA	0	0	

mORF_-_4638098	4638098	4638130	-	6	33	GTG	TGA	0	0
mORF_-_4638176	4638176	4638247	-	6	72	ATG	TGA	0	0
mORF_-_4638287	4638287	4638304	-	6	18	TTG	TAA	0	0
mORF_-_4638335	4638335	4638412	-	6	78	ATG	TAG	0	0
mORF_-_4638339	4638339	4638350	-	4	12	TTG	TAG	0	0
mORF_-_4638351	4638351	4638404	-	4	54	TTG	TAG	0	0
mORF_-_4638406	4638406	4638483	-	5	78	ATG	TAA	0	0
mORF_-_4638429	4638429	4638458	-	4	30	GTG	TAG	0	0
mORF_-_4638483	4638483	4638527	-	4	45	TTG	TAA	0	0
mORF_-_4638508	4638508	4638591	-	5	84	TTG	TGA	0	0
mORF_-_4638537	4638537	4638563	-	4	27	ATG	TGA	0	0
mORF_-_4638551	4638551	4638613	-	6	63	ATG	TAA	0	0
mORF_-_4638570	4638570	4638587	-	4	18	GTG	TAG	0	0
mORF_-_4638597	4638597	4638635	-	4	39	GTG	TAG	0	0
mORF_-_4638637	4638637	4638657	-	5	21	ATG	TAA	0	0
mORF_-_4638663	4638663	4638683	-	4	21	GTG	TAG	0	0
mORF_-_4638680	4638680	4638718	-	6	39	TTG	TGA	0	0
mORF_-_4638685	4638685	4638714	-	5	30	ATG	TAA	0	0
mORF_-_4638690	4638690	4638701	-	4	12	TTG	TAA	0	0
mORF_-_4638711	4638711	4638740	-	4	30	TTG	TGA	0	0
mORF_-_4638766	4638766	4638807	-	5	42	TTG	TAA	0	0
mORF_-_4638771	4638771	4638797	-	4	27	ATG	TAG	0	0
mORF_-_4638801	4638801	4638812	-	4	12	TTG	TAA	0	0
mORF_-_4638809	4638809	4639111	-	6	303	ATG	TGA	0	0
mORF_-_4638877	4638877	4638903	-	5	27	GTG	TAA	0	0
mORF_-_4638940	4638940	4638963	-	5	24	TTG	TAA	0	0
mORF_-_4638978	4638978	4639031	-	4	54	TTG	TAA	0	0
mORF_-_4639047	4639047	4639109	-	4	63	GTG	TAA	0	0
mORF_-_4639072	4639072	4639197	-	5	126	GTG	TGA	0	0
mORF_-_4639137	4639137	4639154	-	4	18	ATG	TAA	0	0
mORF_-_4639166	4639166	4639222	-	6	57	ATG	TAA	0	0
mORF_-_4639182	4639182	4639274	-	4	93	ATG	TGA	0	0
mORF_-_4639225	4639225	4639233	-	5	9	GTG	TAG	0	0
mORF_-_4639271	4639271	4639285	-	6	15	ATG	TGA	0	0
mORF_-_4639334	4639334	4639426	-	6	93	TTG	TAA	0	0
mORF_-_4639378	4639378	4639392	-	5	15	TTG	TAA	0	0
mORF_-_4639389	4639389	4639604	-	4	216	TTG	TGA	0	0
mORF_-_4639436	4639436	4639489	-	6	54	TTG	TAA	0	0
mORF_-_4639480	4639480	4639647	-	5	168	TTG	TGA	0	0
mORF_-_4639562	4639562	4639570	-	6	9	TTG	TAA	0	0
mORF_-_4639583	4639583	4639624	-	6	42	ATG	TAA	0	0

Supplementary Table 8: Genome-wide determination potential ORF from maximally extendable ORFs and proteomics data sets. Abbreviations: log, log phase; heat, heat-shocked condition; stat, stationary phase; pub, publicly available source; equal, exactly match; inside, ORF is inside pORF; FP, false positive.

pORF	Left	Right	Len	Strand	Frame	Peptide				FOC			Current annotation				Match
						pub	R1	R2	R3	R1	R2	R3	bnum	Gene	Left	Right	
pORF+_337	337	2799	2463	+	1	25	90	140	186	2421	3035	3524	b0002	thrA	337	2799	equal
pORF+_2801	2801	3733	933	+	2	4	11	22	31	215	261	290	b0003	thrB	2801	3733	equal
pORF+_3734	3734	5020	1287	+	2	14	59	87	117	2243	2818	3490	b0004	thrC	3734	5020	equal
pORF+_8175	8175	9191	1017	+	3	27	85	111	142	3474	4269	4767	b0008	talB	8238	9191	inside
pORF+_9303	9303	9893	591	+	3	6	13	18	21	98	117	129	b0009	mog	9306	9893	inside
pORF+_12163	12163	14079	1917	+	1	48	119	187	261	4870	6451	8561	b0014	dnaK	12163	14079	equal
pORF+_14138	14138	15298	1161	+	2	9	20	35	47	188	265	329	b0015	dnaJ	14168	15298	inside
pORF+_15439	15439	16557	1119	+	1	0	0	3	3	0	9	9	b0016	insL	15445	16557	inside
pORF+_21407	21407	22348	942	+	2	0	2	6	13	14	26	50	b0025	ribF	21407	22348	equal
pORF+_22391	22391	25207	2817	+	2	40	71	114	154	504	809	1052	b0026	ileS	22391	25207	equal
pORF+_24460	24460	24555	96	+	1	0	1	1	1	2	2	2					FP
pORF+_25826	25826	26275	450	+	2	2	4	7	10	43	54	66	b0028	fkpB	25826	26275	equal
pORF+_26193	26193	27227	1035	+	3	2	9	13	14	89	103	105	b0029	ispH	26277	27227	inside
pORF+_27293	27293	28207	915	+	2	0	1	3	6	7	12	25	b0030	rihC	27293	28207	equal
pORF+_28374	28374	29195	822	+	3	5	22	37	49	450	591	757	b0031	dapB	28374	29195	equal
pORF+_29624	29624	30799	1176	+	2	10	31	53	75	924	1161	1335	b0032	carA	29651	30799	inside
pORF+_30817	30817	34038	3222	+	1	34	139	196	249	3488	3972	4405	b0033	carB	30817	34038	equal
pORF+_34195	34195	34695	501	+	1	0	2	2	2	19	19	19	b0034	caiF	34300	34695	inside
pORF+_37150	37150	37317	168	+	1	0	1	1	1	3	3	3					FP
pORF+_44180	44180	45466	1287	+	2	0	1	1	1	3	3	3	b0043	fixC	44180	45466	equal
pORF+_47246	47246	47776	531	+	2	0	1	1	1	2	2	2	b0046	kefF	47246	47776	equal
pORF+_47673	47673	49631	1959	+	3	0	1	1	1	3	3	3	b0047	kefC	47769	49631	inside
pORF+_49688	49688	50302	615	+	2	0	3	5	7	9	16	27	b0048	folA	49823	50302	inside
pORF+_57319	57319	58179	861	+	1	0	0	1	1	0	2	2	b0055	djIA	57364	58179	inside
pORF+_61963	61963	62580	618	+	1	0	1	1	1	8	8	8					FP
pORF+_69630	69630	69881	252	+	3	0	1	1	1	2	2	2					FP
pORF+_70336	70336	71265	930	+	1	0	0	1	2	0	4	9	b0064	araC	70387	71265	inside
pORF+_81703	81703	81846	144	+	1	0	0	1	1	0	3	3					FP
pORF+_82918	82918	83313	396	+	1	0	1	2	2	94	218	218					FP
pORF+_85540	85540	87354	1815	+	1	4	15	37	51	90	185	258	b0077	ilvI	85630	87354	inside
pORF+_86343	86343	86444	102	+	3	0	1	1	1	5	5	5					FP
pORF+_87327	87327	87848	522	+	3	3	12	18	24	434	456	481	b0078	ilvH	87357	87848	inside
pORF+_88028	88028	89032	1005	+	2	0	2	8	12	13	30	48	b0080	fruR	88028	89032	equal
pORF+_89598	89598	90092	495	+	3	0	0	2	4	0	6	13	b0081	mraZ	89634	90092	inside
pORF+_89965	89965	91035	1071	+	1	0	10	20	28	155	188	224	b0082	mraW	90094	91035	inside
pORF+_91032	91032	91397	366	+	3	0	0	2	2	0	5	5	b0083	ftsL	91032	91397	equal
pORF+_93166	93166	94653	1488	+	1	3	6	17	28	119	159	204	b0085	murE	93166	94653	equal
pORF+_93201	93201	93374	174	+	3	0	0	1	1	0	4	4					FP
pORF+_94650	94650	96008	1359	+	3	2	4	9	11	14	38	43	b0086	murF	94650	96008	equal
pORF+_97087	97087	98403	1317	+	1	0	0	8	18	0	29	70	b0088	murD	97087	98403	equal
pORF+_98400	98400	99647	1248	+	3	0	0	1	1	0	2	2	b0089	ftsW	98403	99647	inside
pORF+_99644	99644	100711	1068	+	2	2	2	7	10	0	14	27	b0090	murG	99644	100711	equal

pORF_+_100765	100765	102240	1476	+	1	4	11	17	24	55	83	108	b0091	murC	100765	102240	equal	
pORF_+_102233	102233	103153	921	+	2	6	8	17	24	13	47	67	b0092	ddlB	102233	103153	equal	
pORF_+_103155	103155	103985	831	+	3	0	0	1	1	0	2	2	b0093	ftsQ	103155	103985	equal	
pORF_+_103982	103982	105244	1263	+	2	0	3	13	27	26	72	137	b0094	ftsA	103982	105244	equal	
pORF_+_105305	105305	106456	1152	+	2	15	61	90	119	1740	1926	2094	b0095	ftsZ	105305	106456	equal	
pORF_+_106557	106557	107474	918	+	3	0	0	2	7	0	4	26	b0096	lpxC	106557	107474	equal	
pORF_+_108279	108279	110984	2706	+	3	16	59	96	132	780	1022	1294	b0098	secA	108279	110984	equal	
pORF_+_113444	113444	114487	1044	+	2	7	24	39	49	418	532	613	b0104	guaC	113444	114487	equal	
pORF_+_118733	118733	119284	552	+	2	0	1	2	3	16	18	20	b0110	ampD	118733	119284	equal	
pORF_+_119242	119242	120135	894	+	1	0	0	0	1	0	0	2	b0111	ampE	119281	120135	inside	
pORF_+_122059	122059	122856	798	+	1	0	3	8	12	16	35	52	b0113	pdhR	122092	122856	inside	
pORF_+_123017	123017	125680	2664	+	2	54	133	207	275	2034	2851	3774	b0114	aceE	123017	125680	equal	
pORF_+_125695	125695	127587	1893	+	1	35	112	161	208	3001	3483	4155	b0115	aceF	125695	127587	equal	
pORF_+_127879	127879	129336	1458	+	1	27	88	119	152	3655	4006	4367	b0116	lpd	127912	129336	inside	
pORF_+_131462	131462	134212	2751	+	2	31	113	170	230	4001	5568	7054	b0118	acnB	131615	134212	inside	
pORF_+_134340	134340	134750	411	+	3	0	2	2	4	5	5	17	b0119	yacl	134388	134750	inside	
pORF_+_137044	137044	138633	1590	+	1	0	11	27	38	331	388	433	b0123	cueO	137083	138633	inside	
pORF_+_141356	141356	141967	612	+	2	6	22	29	37	275	324	400	b0125	hpt	141431	141967	inside	
pORF_+_142779	142779	143705	927	+	3	3	6	11	14	13	27	34	b0127	yadG	142779	143705	equal	
pORF_+_159818	159818	159907	90	+	2	0	0	1	1	0	2	2						FP
pORF_+_162060	162060	164534	2475	+	3	0	0	1	2	0	5	7	b0148	hrpB	162105	164534	inside	
pORF_+_164715	164715	167264	2550	+	3	0	2	9	19	4	45	88	b0149	mrcB	164730	167264	inside	
pORF_+_167484	167484	169727	2244	+	3	16	28	57	73	150	268	336	b0150	fhuA	167484	169727	equal	
pORF_+_169736	169736	170575	840	+	2	0	1	2	2	2	4	4	b0151	fhuC	169778	170575	inside	
pORF_+_170572	170572	171465	894	+	1	0	1	2	2	2	4	4	b0152	fhuD	170575	171465	inside	
pORF_+_171462	171462	173444	1983	+	3	0	1	1	1	3	3	3	b0153	fhuB	171462	173444	equal	
pORF_+_176577	176577	176954	378	+	3	3	12	16	18	419	471	476	b0156	erpA	176610	176954	inside	
pORF_+_179237	179237	180754	1518	+	2	0	1	1	1	8	8	8	b0160	dgt	179237	180754	equal	
pORF_+_180884	180884	182308	1425	+	2	15	34	52	69	544	655	784	b0161	degP	180884	182308	equal	
pORF_+_188740	188740	188952	213	+	1	0	1	1	1	2	2	2						FP
pORF_+_189676	189676	190599	924	+	1	19	84	113	142	5082	5588	5991	b0169	rpsB	189874	190599	inside	
pORF_+_190857	190857	191708	852	+	3	25	109	135	165	4372	4987	5731	b0170	tsf	190857	191708	equal	
pORF_+_191855	191855	192580	726	+	2	8	25	33	41	501	690	806	b0171	pyrH	191855	192580	equal	
pORF_+_192872	192872	193429	558	+	2	6	41	51	63	1776	1872	2072	b0172	frr	192872	193429	equal	
pORF_+_193521	193521	194717	1197	+	3	0	0	1	3	0	3	10	b0173	dxr	193521	194717	equal	
pORF_+_194903	194903	195664	762	+	2	2	3	4	4	2	6	6	b0174	ispU	194903	195664	equal	
pORF_+_196501	196501	197898	1398	+	1	0	0	2	2	0	4	4	b0176	rseP	196546	197898	inside	
pORF_+_197928	197928	200360	2433	+	3	29	45	81	110	233	375	499	b0177	bamA	197928	200360	equal	
pORF_+_200482	200482	200967	486	+	1	5	50	60	72	3169	3300	3528	b0178	skp	200482	200967	equal	
pORF_+_200971	200971	201996	1026	+	1	3	11	19	24	157	212	230	b0179	lpxD	200971	201996	equal	
pORF_+_202008	202008	202556	549	+	3	6	15	28	36	556	644	719	b0180	fabZ	202101	202556	inside	
pORF_+_202560	202560	203348	789	+	3	4	13	18	24	170	189	211	b0181	lpxA	202560	203348	equal	
pORF_+_203348	203348	204496	1149	+	2	0	1	2	4	2	4	8	b0182	lpxB	203348	204496	equal	
pORF_+_205126	205126	208608	3483	+	1	3	3	3	4	0	0	2	b0184	dnaE	205126	208608	equal	
pORF_+_208621	208621	209580	960	+	1	13	48	62	76	1560	1641	1725	b0185	accA	208621	209580	equal	
pORF_+_209679	209679	211820	2142	+	3	1	1	2	6	0	2	14	b0186	ldcC	209679	211820	equal	

pORF+_209848	209848	210396	549	+	1	0	0	1	1	0	5	5						FP
pORF+_211850	211850	212266	417	+	2	0	2	4	5	13	19	25	b0187 yaeR	211877	212266	inside		
pORF+_212331	212331	213629	1299	+	3	0	0	1	2	0	4	6	b0188 tilS	212331	213629	equal		
pORF+_213714	213714	213806	93	+	3	0	0	1	2	0	4	8						FP
pORF+_215269	215269	215979	711	+	1	0	1	4	7	2	10	19	b0192 nlpE	215269	215979	equal		
pORF+_219188	219188	219403	216	+	2	0	1	1	1	4	4	4						FP
pORF+_219943	219943	220083	141	+	1	0	0	1	2	0	4	8						FP
pORF+_221164	221164	221508	345	+	1	0	1	1	1	2	2	2						FP
pORF+_222833	222833	223408	576	+	2	2	6	10	14	42	67	84	b0200 gmhB	222833	223408	equal		
pORF+_229167	229167	229970	804	+	3	0	3	8	13	19	41	64	b0207 dkgB	229167	229970	equal		
pORF+_231122	231122	231922	801	+	2	0	1	1	1	2	2	2	b0209 yafD	231122	231922	equal		
pORF+_236058	236058	236798	741	+	3	0	1	2	2	4	6	6	b0215 dnaQ	236067	236798	inside		
pORF+_239154	239154	239378	225	+	3	0	0	1	1	0	2	2	b4503 yafF	239106	239378	contain		
pORF+_240343	240343	240816	474	+	1	0	9	16	24	239	267	314	b0220 ivy	240343	240816	equal		
pORF+_243510	243510	244121	612	+	3	6	22	32	40	801	902	975	b0222 lpcA	243543	244121	inside		
pORF+_244312	244312	245094	783	+	1	0	0	1	4	0	3	12	b0223 yafJ	244327	245094	inside		
pORF+_249937	249937	250827	891	+	1	0	2	2	2	4	4	4	b0230 lafU	250072	250827	inside		
pORF+_255977	255977	256435	459	+	2	5	15	21	27	284	317	349	b0238 gpt	255977	256435	equal		
pORF+_256527	256527	257771	1245	+	3	0	0	11	18	0	28	47	b0239 frsA	256527	257771	equal		
pORF+_257829	257829	258230	402	+	3	3	7	12	17	18	33	46	b0240 crl	257829	258230	equal		
pORF+_259525	259525	260715	1191	+	1	5	18	31	41	152	188	226	b0242 proB	259612	260715	inside		
pORF+_260727	260727	261980	1254	+	3	9	25	37	50	247	292	334	b0243 proA	260727	261980	equal		
pORF+_265665	265665	265973	309	+	3	0	1	1	1	2	2	2						
pORF+_274525	274525	275952	1428	+	1	0	0	1	1	0	2	2	b0260 mmuP	274549	275952	inside		
pORF+_275795	275795	276871	1077	+	2	0	1	1	1	3	3	3	b0261 mmuM	275939	276871	inside		
pORF+_278687	278687	278956	270	+	2	0	3	3	3	15	15	15						FP
pORF+_279476	279476	279616	141	+	2	0	0	1	2	0	13	26						FP
pORF+_281481	281481	282410	930	+	3	1	2	3	3	3	5	5	b0268 yagE	281481	282410	equal		
pORF+_282404	282404	284392	1989	+	2	0	1	1	1	4	4	4	b0269 yagF	282425	284392	inside		
pORF+_283120	283120	283269	150	+	1	0	1	1	1	2	2	2						FP
pORF+_284619	284619	286001	1383	+	3	0	1	2	3	3	8	11	b0270 yagG	284619	286001	equal		
pORF+_287280	287280	287480	201	+	3	0	0	0	1	0	0	2						FP
pORF+_290158	290158	290427	270	+	1	0	3	3	3	15	15	15						FP
pORF+_302215	302215	302829	615	+	1	0	0	2	6	0	8	25	b0287 yagU	302215	302829	equal		
pORF+_314506	314506	314814	309	+	1	0	0	5	10	0	10	35	b0298 insE	314506	314814	equal		
pORF+_314811	314811	315677	867	+	3	0	0	0	5	0	0	10	b0299 insF	314811	315677	equal		
pORF+_320832	320832	321551	720	+	3	1	4	4	4	19	19	19	b0306 ykgE	320832	321551	equal		
pORF+_321562	321562	322989	1428	+	1	0	1	1	1	5	5	5	b0307 ykgF	321562	322989	equal		
pORF+_322829	322829	323677	849	+	2	0	2	2	2	4	4	4	b0308 ykgG	322982	323677	inside		
pORF+_327441	327441	327638	198	+	3	0	1	1	1	2	2	2						FP
pORF+_331589	331589	332683	1095	+	2	0	0	0	1	0	0	2	b0315 yahA	331595	332683	inside		
pORF+_334504	334504	335109	606	+	1	0	1	1	1	4	4	4	b0318 yahD	334504	335109	equal		
pORF+_335149	335149	336012	864	+	1	0	1	1	1	2	2	2	b0319 yahE	335149	336012	equal		
pORF+_336002	336002	337549	1548	+	2	0	1	1	1	2	2	2	b0320 yahF	336002	337549	equal		
pORF+_337549	337549	338967	1419	+	1	0	2	2	2	4	4	4	b0321 yahG	337549	338967	equal		
pORF+_339389	339389	340339	951	+	2	2	2	2	2	0	0	0	b0323 yahI	339389	340339	equal		

pORF+_340349	340349	341731	1383	+	2	0	0	3	8	0	6	17	b0324	yahJ	340349	341731	equal	
pORF+_342108	342108	343157	1050	+	3	0	21	39	54	308	378	446	b0325	yahK	342108	343157	equal	
pORF+_345708	345708	345983	276	+	3	0	12	18	28	172	200	412	b0329	yahO	345708	345983	equal	
pORF+_347906	347906	348796	891	+	2	0	0	0	2	0	0	4	b0331	prpB	347906	348796	equal	
pORF+_349236	349236	350405	1170	+	3	0	0	0	2	0	0	4	b0333	prpC	349236	350405	equal	
pORF+_350439	350439	351890	1452	+	3	0	1	1	1	3	3	3	b0334	prpD	350439	351890	equal	
pORF+_352003	352003	352143	141	+	1	0	1	1	1	2	2	2						
pORF+_352501	352501	352950	450	+	1	0	1	1	1	4	4	4						
pORF+_354146	354146	355405	1260	+	2	0	0	4	4	0	10	10	b0336	codB	354146	355405	equal	
pORF+_355380	355380	356678	1299	+	3	0	9	28	43	150	256	351	b0337	codA	355395	356678	inside	
pORF+_370400	370400	371329	930	+	2	0	1	1	1	2	2	2	b0349	mhpC	370448	371329	inside	
pORF+_374638	374638	375894	1257	+	1	0	1	1	1	2	2	2	b0353	mhpT	374683	375894	inside	
pORF+_375879	375879	376535	657	+	3	1	6	8	11	39	43	51	b0354	yaiL	375996	376535	inside	
pORF+_377962	377962	378705	744	+	1	0	1	1	1	2	2	2						FP
pORF+_384399	384399	385418	1020	+	3	0	1	1	1	4	4	4	b0365	tauA	384456	385418	inside	
pORF+_385431	385431	386198	768	+	3	1	1	1	1	0	0	0	b0366	tauB	385431	386198	equal	
pORF+_386195	386195	387022	828	+	2	0	0	0	1	0	0	2	b0367	tauC	386195	387022	equal	
pORF+_387019	387019	387870	852	+	1	0	0	1	1	0	2	2	b0368	tauD	387019	387870	equal	
pORF+_397096	397096	398190	1095	+	1	0	0	0	1	0	0	2	b0378	yaiW	397096	398190	equal	
pORF+_400610	400610	400870	261	+	2	0	5	7	9	87	96	105	b0382	iraP	400610	400870	equal	
pORF+_400902	400902	402386	1485	+	3	0	1	1	1	8	8	8	b0383	phoA	400971	402386	inside	
pORF+_402487	402487	402825	339	+	1	0	1	1	4	6	6	16	b0384	psiF	402505	402825	inside	
pORF+_404868	404868	405446	579	+	3	0	0	1	3	0	14	41	b0387	yaiI	404988	405446	inside	
pORF+_405629	405629	406153	525	+	2	0	4	8	9	18	30	32	b0388	aroL	405629	406153	equal	
pORF+_406203	406203	406394	192	+	3	0	1	3	5	2	7	18	b0389	yaiA	406203	406394	equal	
pORF+_406652	406652	407329	678	+	2	0	1	1	1	7	7	7	b0390	aroM	406652	407329	equal	
pORF+_407401	407401	407685	285	+	1	2	5	7	7	221	225	225	b0391	yaiE	407401	407685	equal	
pORF+_409230	409230	410276	1047	+	3	1	4	6	9	15	20	28	b0394	mak	409368	410276	inside	
pORF+_416366	416366	417055	690	+	2	1	1	2	3	0	2	4	b0399	phoB	416366	417055	equal	
pORF+_417113	417113	418408	1296	+	2	0	0	0	1	0	0	3	b0400	phoR	417113	418408	equal	
pORF+_420207	420207	421583	1377	+	3	0	1	2	2	2	5	5	b0402	proY	420210	421583	inside	
pORF+_421739	421739	423556	1818	+	2	0	1	2	2	3	5	5	b0403	malZ	421739	423556	equal	
pORF+_422922	422922	423197	276	+	3	0	1	1	1	2	2	2						FP
pORF+_424235	424235	425305	1071	+	2	1	5	11	13	46	63	68	b0405	queA	424235	425305	equal	
pORF+_425361	425361	426488	1128	+	3	13	19	37	48	22	116	180	b0406	tgt	425361	426488	equal	
pORF+_426481	426481	426843	363	+	1	2	2	9	15	0	44	84	b0407	yajC	426511	426843	inside	
pORF+_426871	426871	428718	1848	+	1	17	25	36	48	82	118	158	b0408	secD	426871	428718	equal	
pORF+_428684	428684	429700	1017	+	2	2	5	12	18	8	34	52	b0409	secF	428729	429700	inside	
pORF+_432226	432226	432675	450	+	1	0	7	10	11	47	58	64	b0413	nrdR	432226	432675	equal	
pORF+_432679	432679	433782	1104	+	1	0	3	7	9	20	33	40	b0414	ribD	432679	433782	equal	
pORF+_432755	432755	432958	204	+	2	0	1	1	1	5	5	5						FP
pORF+_433775	433775	434341	567	+	2	8	29	40	51	1802	1960	2108	b0415	ribE	433871	434341	inside	
pORF+_434361	434361	434780	420	+	3	4	10	14	16	145	159	165	b0416	nusB	434361	434780	equal	
pORF+_434858	434858	435835	978	+	2	0	3	6	10	61	70	84	b0417	thiL	434858	435835	equal	
pORF+_440773	440773	442221	1449	+	1	8	12	22	30	62	108	150	b0423	thiI	440773	442221	equal	
pORF+_443739	443739	444398	660	+	3	10	46	57	70	2246	2397	2591	b0426	yajQ	443907	444398	inside	

pORF+_453663	453663	454013	351	+	3	2	3	6	10	6	50	132	b0435	bolA	453696	454013	inside
pORF+_454357	454357	455655	1299	+	1	37	181	215	247	12527	13008	13384	b0436	tig	454357	455655	equal
pORF+_455901	455901	456524	624	+	3	5	18	25	30	337	389	456	b0437	clpP	455901	456524	equal
pORF+_456650	456650	457924	1275	+	2	15	55	80	106	1413	1667	1894	b0438	clpX	456650	457924	equal
pORF+_458067	458067	460466	2400	+	3	34	81	116	152	778	969	1165	b0439	lon	458112	460466	inside
pORF+_460675	460675	460947	273	+	1	7	33	39	47	9138	10094	10879	b0440	hupB	460675	460947	equal
pORF+_461139	461139	463010	1872	+	3	14	48	72	99	827	930	1041	b0441	ppiD	461139	463010	equal
pORF+_463626	463626	464024	399	+	3	0	0	0	1	0	0	6	b0443	ybaW	463626	464024	equal
pORF+_468095	468095	469867	1773	+	2	1	1	1	1	0	0	0	b0448	mdIA	468095	469867	equal
pORF+_469746	469746	471641	1896	+	3	0	0	1	2	0	2	6	b0449	mdIB	469860	471641	inside
pORF+_471684	471684	472160	477	+	3	1	1	1	1	0	0	0	b0450	glnK	471822	472160	inside
pORF+_474603	474603	475175	573	+	3	0	5	8	11	59	73	101	b0453	ybaY	474603	475175	equal
pORF+_484665	484665	485204	540	+	3	0	1	1	1	3	3	3					FP
pORF+_485760	485760	489122	3363	+	3	4	7	14	22	8	28	49	b0465	kefA	485760	489122	equal
pORF+_490582	490582	491187	606	+	1	9	28	38	48	753	927	1015	b0469	apt	490636	491187	inside
pORF+_491316	491316	493247	1932	+	3	0	3	6	6	11	19	19	b0470	dnaX	491316	493247	equal
pORF+_493285	493285	493629	345	+	1	6	25	30	34	970	1036	1115	b0471	ybaB	493300	493629	inside
pORF+_493629	493629	494234	606	+	3	0	2	5	5	42	49	49	b0472	recR	493629	494234	equal
pORF+_494344	494344	496218	1875	+	1	35	64	106	153	595	913	1255	b0473	htpG	494344	496218	equal
pORF+_496339	496339	497043	705	+	1	14	85	99	115	5244	5370	5542	b0474	adk	496399	497043	inside
pORF+_497279	497279	498241	963	+	2	0	0	1	4	0	2	14	b0475	hemH	497279	498241	equal
pORF+_499078	499078	499116	39	+	1	0	0	0	1	0	0	6					FP
pORF+_499349	499349	500653	1305	+	2	0	1	10	18	2	33	63	b0477	gsk	499349	500653	equal
pORF+_504138	504138	505790	1653	+	3	6	14	26	44	61	126	198	b0480	ushA	504138	505790	equal
pORF+_507388	507388	507783	396	+	1	0	0	2	2	0	5	5	b0483	ybaQ	507442	507783	inside
pORF+_510865	510865	511797	933	+	1	0	2	5	13	30	37	93	b0485	ybaS	510865	511797	equal
pORF+_513217	513217	513624	408	+	1	0	0	1	1	0	2	2	b0487	cueR	513217	513624	equal
pORF+_515143	515143	515820	678	+	1	0	0	4	5	0	9	12	b0490	ybbL	515143	515820	equal
pORF+_518957	518957	519643	687	+	2	0	1	1	1	2	2	2	b0495	ybbA	518957	519643	equal
pORF+_519640	519640	522054	2415	+	1	0	1	1	2	17	17	19	b0496	ybbP	519640	522054	equal
pORF+_522485	522485	526765	4281	+	2	0	0	0	1	0	0	2	b0497	rhsD	522485	526765	equal
pORF+_532235	532235	533050	816	+	2	6	10	17	21	47	75	97	b0506	allR	532235	533050	equal
pORF+_533050	533050	534921	1872	+	1	0	1	1	3	2	2	7	b0507	gcl	533140	534921	inside
pORF+_534934	534934	535710	777	+	1	0	0	0	5	0	0	34	b0508	hyi	534934	535710	equal
pORF+_535810	535810	536688	879	+	1	0	0	0	2	0	0	16	b0509	glxR	535810	536688	equal
pORF+_539524	539524	539664	141	+	1	0	0	1	2	0	6	12					FP
pORF+_548757	548757	549665	909	+	3	0	1	1	1	2	2	2	b0520	ylbF	548850	549665	inside
pORF+_552933	552933	553088	156	+	3	0	0	0	1	0	0	2					FP
pORF+_553834	553834	555219	1386	+	1	10	29	50	62	240	314	375	b0526	cysS	553834	555219	equal
pORF+_566056	566056	566364	309	+	1	0	0	5	10	0	10	35	b0540	insE	566056	566364	equal
pORF+_566361	566361	567227	867	+	3	0	0	0	5	0	0	10	b0541	insF	566361	567227	equal
pORF+_567918	567918	568067	150	+	3	0	0	1	1	0	3	3					FP
pORF+_593244	593244	593777	534	+	3	0	1	1	1	2	2	2					FP
pORF+_594823	594823	596196	1374	+	1	0	1	1	1	2	2	2	b0572	cusC	594823	596196	equal
pORF+_596354	596354	596686	333	+	2	0	1	2	3	2	4	7	b0573	cusF	596354	596686	equal
pORF+_596702	596702	597925	1224	+	2	2	3	3	3	2	2	2	b0574	cusB	596702	597925	equal

pORF+_597937	597937	601080	3144	+	1	0	1	1	1	6	6	6	b0575	cusA	597937	601080	equal	
pORF+_601146	601146	602558	1413	+	3	0	0	0	1	0	0	2	b0576	pheP	601182	602558	inside	
pORF+_603072	603072	603305	234	+	3	0	1	1	1	2	2	2						FP
pORF+_607282	607282	608400	1119	+	1	0	0	3	3	0	9	9	b0582	insL	607288	608400	inside	
pORF+_611960	611960	613162	1203	+	2	0	1	1	1	2	2	2	b0585	fes	612038	613162	inside	
pORF+_613159	613159	613383	225	+	1	2	4	4	4	53	53	53	b4511	ybdZ	613165	613383	inside	
pORF+_613242	613242	617261	4020	+	3	17	20	21	22	8	10	13	b0586	entF	613380	617261	inside	
pORF+_621523	621523	622773	1251	+	1	0	1	2	3	75	81	84	b0591	entS	621523	622773	equal	
pORF+_624096	624096	625283	1188	+	3	12	30	32	33	350	355	357	b0593	entC	624108	625283	inside	
pORF+_625293	625293	626903	1611	+	3	10	16	17	19	43	46	50	b0594	entE	625293	626903	equal	
pORF+_626917	626917	627774	858	+	1	8	12	15	16	23	31	33	b0595	entB	626917	627774	equal	
pORF+_627744	627744	628520	777	+	3	8	19	20	20	290	292	292	b0596	entA	627774	628520	inside	
pORF+_628523	628523	628936	414	+	2	2	5	5	5	37	37	37	b0597	ybdB	628523	628936	equal	
pORF+_629117	629117	631222	2106	+	2	0	0	1	6	0	2	22	b0598	cstA	629117	631222	equal	
pORF+_632809	632809	633969	1161	+	1	0	0	6	9	0	75	83	b0600	ybdL	632809	633969	equal	
pORF+_638168	638168	638731	564	+	2	16	65	94	124	4187	5147	5888	b0605	ahpC	638168	638731	equal	
pORF+_638946	638946	640541	1596	+	3	20	59	82	101	867	1014	1112	b0606	ahpF	638976	640541	inside	
pORF+_645975	645975	646124	150	+	3	0	1	1	1	3	3	3						FP
pORF+_647226	647226	648620	1395	+	3	0	1	1	1	5	5	5						
pORF+_653085	653085	653765	681	+	3	0	0	1	2	0	2	5	b0620	dpiA	653085	653765	equal	
pORF+_656485	656485	656724	240	+	1	13	25	28	33	1033	1063	1081	b0623	cspE	656515	656724	inside	
pORF+_658170	658170	658373	204	+	3	0	1	2	2	2	4	4	b0627	tatE	658170	658373	equal	
pORF+_665755	665755	666726	972	+	1	0	1	1	1	4	4	4						FP
pORF+_667141	667141	667434	294	+	1	0	1	1	1	2	2	2						FP
pORF+_674241	674241	674723	483	+	3	0	2	5	13	19	30	72	b0643	ybeL	674241	674723	equal	
pORF+_694318	694318	695499	1182	+	1	0	0	3	6	0	9	17	b0662	ubiF	694324	695499	inside	
pORF+_703167	703167	705113	1947	+	3	4	10	18	24	141	172	201	b0679	nagE	703167	705113	equal	
pORF+_705316	705316	706980	1665	+	1	29	59	78	96	654	751	850	b0680	glnS	705316	706980	equal	
pORF+_709013	709013	709339	327	+	2	0	1	1	1	2	2	2	b0682	ybfN	709013	709339	equal	
pORF+_712075	712075	712755	681	+	1	9	17	24	31	185	225	272	b0687	seqA	712210	712755	inside	
pORF+_712730	712730	714421	1692	+	2	15	42	61	79	388	499	614	b0688	pgm	712781	714421	inside	
pORF+_716934	716934	717206	273	+	3	0	2	2	2	20	20	20						FP
pORF+_717817	717817	718077	261	+	1	0	1	1	1	12	12	12						FP
pORF+_726603	726603	727094	492	+	3	0	1	1	1	3	3	3						FP
pORF+_732593	732593	732814	222	+	2	0	1	1	1	2	2	2						FP
pORF+_736123	736123	737184	1062	+	1	0	1	1	1	5	5	5	b0705	ybfL	736048	737184	contain	
pORF+_742050	742050	742793	744	+	3	4	12	21	30	112	152	210	b0710	ybgI	742050	742793	equal	
pORF+_742486	742486	742728	243	+	1	0	1	1	1	3	3	3						FP
pORF+_742816	742816	743472	657	+	1	0	1	3	5	8	13	19	b0711	ybgJ	742816	743472	equal	
pORF+_743466	743466	744398	933	+	3	1	1	4	6	0	11	16	b0712	ybgK	743466	744398	equal	
pORF+_745158	745158	745949	792	+	3	0	0	3	4	0	6	8	b0714	nei	745158	745949	equal	
pORF+_754783	754783	755130	348	+	1	0	0	2	4	0	7	15	b0722	sdhD	754783	755130	equal	
pORF+_755118	755118	756896	1779	+	3	13	48	80	112	1978	2547	3319	b0723	sdhA	755130	756896	inside	
pORF+_756912	756912	757628	717	+	3	6	19	38	55	265	420	614	b0724	sdhB	756912	757628	equal	
pORF+_757929	757929	760730	2802	+	3	28	67	112	151	981	1425	1919	b0726	sucA	757929	760730	equal	
pORF+_760745	760745	761962	1218	+	2	15	59	77	101	2153	2363	2676	b0727	sucB	760745	761962	equal	

pORF+_762237	762237	763403	1167	+	3	18	79	102	136	5602	5881	6133	b0728	sucC	762237	763403	equal	
pORF+_763403	763403	764272	870	+	2	14	53	72	89	2809	3011	3188	b0729	sucD	763403	764272	equal	
pORF+_770678	770678	772249	1572	+	2	7	13	19	26	30	69	109	b0733	cydA	770681	772249	inside	
pORF+_772265	772265	773404	1140	+	2	2	2	3	4	0	9	21	b0734	cydB	772265	773404	equal	
pORF+_773975	773975	774379	405	+	2	0	0	1	2	0	18	23	b0736	ybgC	773975	774379	equal	
pORF+_774376	774376	775068	693	+	1	4	6	11	16	9	36	60	b0737	tolQ	774376	775068	equal	
pORF+_775072	775072	775500	429	+	1	0	0	1	2	0	4	9	b0738	tolR	775072	775500	equal	
pORF+_775565	775565	776830	1266	+	2	1	2	9	15	4	21	35	b0739	tolA	775565	776830	equal	
pORF+_776960	776960	778255	1296	+	2	10	29	46	66	709	854	1081	b0740	tolB	776963	778255	inside	
pORF+_778266	778266	778811	546	+	3	7	16	24	33	123	215	325	b0741	pal	778290	778811	inside	
pORF+_778821	778821	779612	792	+	3	7	9	20	30	7	56	99	b0742	ybgF	778821	779612	equal	
pORF+_781308	781308	782351	1044	+	3	3	12	18	18	231	257	257	b0750	nadA	781308	782351	equal	
pORF+_784856	784856	785908	1053	+	2	10	49	72	93	1706	1871	2027	b0754	aroG	784856	785908	equal	
pORF+_794312	794312	795085	774	+	2	7	19	19	19	159	159	159	b0763	modA	794312	795085	equal	
pORF+_795777	795777	796835	1059	+	3	0	2	4	5	8	12	14	b0765	modC	795777	796835	equal	
pORF+_797809	797809	798804	996	+	1	10	18	27	39	73	103	151	b0767	pgl	797809	798804	equal	
pORF+_803843	803843	803944	102	+	2	0	1	1	1	2	2	2						FP
pORF+_804683	804683	804868	186	+	2	0	2	2	2	8	8	8						FP
pORF+_808567	808567	809607	1041	+	1	5	14	19	20	158	172	174	b0775	bioB	808567	809607	equal	
pORF+_809604	809604	810758	1155	+	3	0	1	5	8	3	16	23	b0776	bioF	809604	810758	equal	
pORF+_811487	811487	812170	684	+	2	5	9	12	15	82	100	120	b0778	bioD	811493	812170	inside	
pORF+_812749	812749	814770	2022	+	1	0	2	9	19	6	25	57	b0779	uvrB	812749	814770	equal	
pORF+_816186	816186	817256	1071	+	3	0	0	2	3	0	7	10	b0781	moaA	816267	817256	inside	
pORF+_817278	817278	817790	513	+	3	6	17	25	32	293	348	407	b0782	moaB	817278	817790	equal	
pORF+_817793	817793	818278	486	+	2	0	7	10	13	27	44	59	b0783	moaC	817793	818278	equal	
pORF+_818208	818208	818516	309	+	3	2	3	4	4	5	7	7	b0784	moaD	818271	818516	inside	
pORF+_818518	818518	818970	453	+	1	0	2	6	9	15	34	53	b0785	moaE	818518	818970	equal	
pORF+_821675	821675	821947	273	+	2	0	1	1	1	112	112	112						FP
pORF+_824931	824931	825107	177	+	3	0	0	1	1	0	8	8						FP
pORF+_830095	830095	831459	1365	+	1	4	8	10	11	10	15	17	b0797	rhIE	830095	831459	equal	
pORF+_834471	834471	835433	963	+	3	7	12	23	35	25	72	156	b0800	ybiB	834471	835433	equal	
pORF+_835574	835574	836659	1086	+	2	1	7	21	36	153	341	579	b0801	ybiC	835574	836659	equal	
pORF+_839807	839807	840610	804	+	2	0	1	1	1	3	3	3						FP
pORF+_841474	841474	842481	1008	+	1	0	0	1	1	0	2	2	b0807	rlmF	841555	842481	inside	
pORF+_844284	844284	844610	327	+	3	0	1	1	1	2	2	2						FP
pORF+_849667	849667	850188	522	+	1	11	24	29	32	356	373	379	b0814	ompX	849673	850188	inside	
pORF+_852406	852406	852873	468	+	1	0	3	5	6	22	32	34	b0817	mntR	852406	852873	equal	
pORF+_855186	855186	856778	1593	+	3	4	14	22	27	42	70	84	b0820	ybiT	855186	856778	equal	
pORF+_855928	855928	856077	150	+	1	0	1	1	1	7	7	7						FP
pORF+_859406	859406	859708	303	+	2	0	1	1	1	2	2	2						FP
pORF+_862793	862793	863527	735	+	2	0	2	5	9	5	16	25	b0825	fsaA	862865	863527	inside	
pORF+_865186	865186	865395	210	+	1	0	1	1	1	3	3	3						FP
pORF+_865791	865791	866756	966	+	3	0	5	10	16	22	34	55	b0828	iaaA	865791	866756	equal	
pORF+_866635	866635	868614	1980	+	1	2	3	7	10	2	16	27	b0829	gsiA	866743	868614	inside	
pORF+_868367	868367	870172	1806	+	2	0	14	23	34	138	159	192	b0830	gsiB	868634	870172	inside	
pORF+_870190	870190	871110	921	+	1	0	0	1	1	0	2	2	b0831	gsiC	870190	871110	equal	

pORF+_871113	871113	872024	912	+	3	0	0	1	1	0	2	2	b0832	gsiD	871113	872024	equal	
pORF+_872124	872124	874550	2427	+	3	0	0	3	5	0	8	12	b0833	yliE	872202	874550	inside	
pORF+_874558	874558	875886	1329	+	1	0	1	6	11	2	18	32	b0834	yliF	874558	875886	equal	
pORF+_879929	879929	881152	1224	+	2	5	13	25	44	138	201	319	b0839	dacC	879950	881152	inside	
pORF+_890407	890407	891129	723	+	1	9	10	17	24	4	39	71	b0851	nfsA	890407	891129	equal	
pORF+_891190	891190	892092	903	+	1	0	1	2	2	2	4	4	b0852	rimK	891190	892092	equal	
pORF+_892857	892857	894119	1263	+	3	3	19	31	42	194	270	354	b0854	potF	893007	894119	inside	
pORF+_894133	894133	895347	1215	+	1	3	4	5	5	7	9	9	b0855	potG	894214	895347	inside	
pORF+_897741	897741	898868	1128	+	3	1	1	1	1	0	0	0	b0859	rumB	897741	898868	equal	
pORF+_903816	903816	904139	324	+	3	0	3	3	4	30	30	34	b0866	ybjQ	903816	904139	equal	
pORF+_904136	904136	904966	831	+	2	0	0	0	1	0	0	4	b0867	amiD	904136	904966	equal	
pORF+_915696	915696	917354	1659	+	3	0	1	3	6	9	14	24	b0876	ybjD	915696	917354	equal	
pORF+_918096	918096	918374	279	+	3	0	0	0	1	0	0	3						FP
pORF+_918431	918431	919573	1143	+	2	0	2	7	10	7	20	27	b0878	macA	918458	919573	inside	
pORF+_919570	919570	921516	1947	+	1	2	2	5	9	0	11	22	b0879	macB	919570	921516	equal	
pORF+_922472	922472	924763	2292	+	2	14	31	47	63	197	266	334	b0882	clpA	922487	924763	inside	
pORF+_931764	931764	932312	549	+	3	6	19	32	45	667	769	846	b0889	lrp	931818	932312	inside	
pORF+_932447	932447	936436	3990	+	2	2	4	11	11	24	46	46	b0890	ftsK	932447	936436	equal	
pORF+_935997	935997	936440	444	+	3	0	0	1	2	0	8	16						FP
pORF+_936592	936592	937206	615	+	1	7	20	25	31	150	174	214	b0891	lolA	936595	937206	inside	
pORF+_937217	937217	938560	1344	+	2	0	1	3	6	2	7	14	b0892	rarA	937217	938560	equal	
pORF+_938651	938651	939943	1293	+	2	19	52	79	105	1313	1435	1614	b0893	serS	938651	939943	equal	
pORF+_940182	940182	942626	2445	+	3	0	7	7	7	20	20	20	b0894	dmsA	940182	942626	equal	
pORF+_942637	942637	943254	618	+	1	0	3	3	3	36	36	36	b0895	dmsB	942637	943254	equal	
pORF+_948891	948891	949481	591	+	3	0	1	2	3	2	4	7	b0901	ycaK	948891	949481	equal	
pORF+_950504	950504	952756	2253	+	2	0	1	1	1	2	2	2						FP
pORF+_954076	954076	954369	294	+	1	0	1	1	1	3	3	3						FP
pORF+_954849	954849	955118	270	+	3	0	0	1	1	0	2	2						FP
pORF+_956876	956876	957964	1089	+	2	23	73	100	125	2123	2818	3612	b0907	serC	956876	957964	equal	
pORF+_958035	958035	959318	1284	+	3	11	26	45	60	225	419	528	b0908	aroA	958035	959318	equal	
pORF+_959463	959463	960251	789	+	3	1	2	2	2	2	2	2	b0909	ycaL	959487	960251	inside	
pORF+_960424	960424	961107	684	+	1	6	15	21	26	196	229	263	b0910	cmk	960424	961107	equal	
pORF+_961218	961218	962891	1674	+	3	41	171	222	273	9747	11747	13624	b0911	rpsA	961218	962891	equal	
pORF+_963051	963051	963335	285	+	3	4	28	35	43	1128	1169	1240	b0912	ihfB	963051	963335	equal	
pORF+_963465	963465	965807	2343	+	3	0	1	1	1	6	6	6	b0913	ycaI	963543	965807	inside	
pORF+_965844	965844	967592	1749	+	3	3	14	20	25	90	105	121	b0914	msbA	965844	967592	equal	
pORF+_967589	967589	968575	987	+	2	0	1	2	2	2	4	4	b0915	lpxK	967589	968575	equal	
pORF+_969896	969896	970078	183	+	2	4	6	8	10	35	42	49	b0917	ycaR	969896	970078	equal	
pORF+_970075	970075	970821	747	+	1	7	15	22	26	259	279	290	b0918	kdsB	970075	970821	equal	
pORF+_970975	970975	971868	894	+	1	0	1	1	2	2	2	5	b0919	ycbJ	970975	971868	equal	
pORF+_972394	972394	972471	78	+	1	1	1	1	1	0	0	0						FP
pORF+_972748	972748	973545	798	+	1	0	0	1	1	0	2	2	b0921	smtA	972760	973545	inside	
pORF+_973542	973542	974864	1323	+	3	0	0	5	8	0	15	21	b0922	mukF	973542	974864	equal	
pORF+_974818	974818	975549	732	+	1	0	4	8	11	25	46	65	b0923	mukE	974872	975549	inside	
pORF+_975549	975549	980009	4461	+	3	13	30	61	90	156	257	378	b0924	mukB	975549	980009	equal	
pORF+_980270	980270	982117	1848	+	2	0	0	0	5	0	0	14	b0925	ycbB	980270	982117	equal	

pORF+_981333	981333	981503	171	+	3	1	1	1	1	0	0	0								FP
pORF+_982873	982873	983520	648	+	1	2	3	9	13	2	20	31	b0927	ycbL	982873	983520	equal			
pORF+_983545	983545	983967	423	+	1	0	0	1	1	0	5	5								FP
pORF+_989845	989845	992457	2613	+	1	27	50	80	115	334	502	698	b0932	pepN	989845	992457	equal			
pORF+_1003964	1003964	1005001	1038	+	2	3	15	29	40	225	295	359	b0945	pyrD	1003991	1005001	inside			
pORF+_1005139	1005139	1005717	579	+	1	0	0	1	2	0	5	16	b0946	ycbW	1005175	1005717	inside			
pORF+_1007067	1007067	1009175	2109	+	3	4	5	12	16	7	26	43	b0948	rlmL	1007067	1009175	equal			
pORF+_1009187	1009187	1011094	1908	+	2	3	5	13	19	10	31	47	b0949	uup	1009187	1011094	equal			
pORF+_1012422	1012422	1014122	1701	+	3	3	4	6	10	9	14	24	b0951	pqiB	1012482	1014122	inside			
pORF+_1014119	1014119	1014682	564	+	2	0	0	4	7	0	10	20	b0952	ymbA	1014119	1014682	equal			
pORF+_1014938	1014938	1015105	168	+	2	0	2	2	2	6	6	6	b0953	rmf	1014938	1015105	equal			
pORF+_1017708	1017708	1018160	453	+	3	0	4	5	7	28	31	35	b0956	ycbG	1017708	1018160	equal			
pORF+_1022085	1022085	1022213	129	+	3	0	0	0	1	0	0	2								FP
pORF+_1022239	1022239	1022559	321	+	1	0	1	1	1	3	3	3								FP
pORF+_1023601	1023601	1025748	2148	+	1	2	2	6	10	0	17	33	b0962	helD	1023694	1025748	inside			
pORF+_1027088	1027088	1027582	495	+	2	1	8	13	18	71	87	162	b0965	yccU	1027169	1027582	inside			
pORF+_1029074	1029074	1029565	492	+	2	0	1	3	5	58	66	85	b0968	yccX	1029287	1029565	inside			
pORF+_1031335	1031335	1032480	1146	+	1	0	1	1	1	10	10	10	b0972	hyaA	1031362	1032480	inside			
pORF+_1032477	1032477	1034270	1794	+	3	0	2	2	2	12	12	12	b0973	hyaB	1032477	1034270	equal			
pORF+_1036957	1036957	1038507	1551	+	1	0	1	1	1	2	2	2	b0978	appC	1036963	1038507	inside			
pORF+_1039810	1039810	1041138	1329	+	1	0	0	0	2	0	0	6	b0980	appA	1039840	1041138	inside			
pORF+_1044301	1044301	1044567	267	+	1	0	0	0	1	0	0	5								FP
pORF+_1050684	1050684	1050896	213	+	3	12	13	13	13	6	6	6	b0990	cspG	1050684	1050896	equal			
pORF+_1051290	1051290	1051463	174	+	3	3	9	14	19	69	87	107	b4517	gnsA	1051290	1051463	equal			
pORF+_1053108	1053108	1053380	273	+	3	0	1	1	1	2	2	2								FP
pORF+_1057259	1057259	1058479	1221	+	2	1	1	1	1	0	0	0	b0996	torC	1057307	1058479	inside			
pORF+_1058479	1058479	1061025	2547	+	1	0	1	1	1	2	2	2	b0997	torA	1058479	1061025	equal			
pORF+_1064784	1064784	1066049	1266	+	3	0	9	13	29	73	84	178	b1002	agp	1064808	1066049	inside			
pORF+_1071008	1071008	1071388	381	+	2	0	1	2	3	3	29	55								FP
pORF+_1073438	1073438	1074103	666	+	2	0	0	0	1	0	0	2	b1013	rutR	1073465	1074103	inside			
pORF+_1078528	1078528	1080036	1509	+	1	0	2	3	4	4	9	16	b1015	putP	1078528	1080036	equal			
pORF+_1081466	1081466	1082593	1128	+	2	5	25	39	55	404	483	577	b1018	efeO	1081466	1082593	equal			
pORF+_1082599	1082599	1083870	1272	+	1	0	0	0	1	0	0	2	b1019	efeB	1082599	1083870	equal			
pORF+_1084215	1084215	1085279	1065	+	3	1	1	1	1	0	0	0	b1020	phoH	1084215	1085279	equal			
pORF+_1085442	1085442	1085648	207	+	3	0	1	1	1	7	7	7								FP
pORF+_1086032	1086032	1086214	183	+	2	0	0	1	2	0	4	8								FP
pORF+_1093034	1093034	1093156	123	+	2	0	1	1	1	4	4	4								FP
pORF+_1094710	1094710	1095069	360	+	1	0	1	1	1	2	2	2	b1028	ymdE	1094728	1095069	inside			
pORF+_1097070	1097070	1098047	978	+	3	2	12	22	31	117	186	245	b1033	ghrA	1097109	1098047	inside			
pORF+_1098102	1098102	1098839	738	+	3	1	10	14	18	106	124	143	b1034	ycdX	1098102	1098839	equal			
pORF+_1098863	1098863	1099417	555	+	2	4	9	11	14	54	61	68	b1035	ycdY	1098863	1099417	equal			
pORF+_1105043	1105043	1105576	534	+	2	0	1	4	9	2	9	23	b1045	ymdB	1105043	1105576	equal			
pORF+_1105509	1105509	1106999	1491	+	3	0	0	0	1	0	0	2	b1046	ymdC	1105578	1106999	inside			
pORF+_1108540	1108540	1110093	1554	+	1	19	37	57	82	294	416	558	b1048	mdoG	1108558	1110093	inside			
pORF+_1110056	1110056	1112629	2574	+	2	0	4	11	20	58	83	122	b1049	mdoH	1110086	1112629	inside			
pORF+_1112089	1112089	1112274	186	+	1	0	1	1	1	3	3	3								FP

pORF+_1115976	1115976	1117082	1107	+	3	0	1	2	2	2	5	5	b1055	yceA	1116030	1117082	inside	
pORF+_1124785	1124785	1125369	585	+	1	1	1	2	3	0	4	6	b1066	rimJ	1124785	1125369	equal	
pORF+_1125380	1125380	1126027	648	+	2	3	13	19	31	254	281	341	b1067	yceH	1125380	1126027	equal	
pORF+_1125996	1125996	1126952	957	+	3	0	1	2	5	16	18	27	b1068	yceM	1126029	1126952	inside	
pORF+_1127023	1127023	1128597	1575	+	1	0	0	0	1	0	0	2	b1069	yceN	1127062	1128597	inside	
pORF+_1131797	1131797	1133005	1209	+	2	0	3	3	3	11	11	11	b1076	flgE	1131797	1133005	equal	
pORF+_1133025	1133025	1133780	756	+	3	0	1	1	1	2	2	2	b1077	flgF	1133025	1133780	equal	
pORF+_1134772	1134772	1135485	714	+	1	0	2	4	4	12	16	16	b1079	flgH	1134787	1135485	inside	
pORF+_1135494	1135494	1136594	1101	+	3	0	1	1	1	3	3	3	b1080	flgI	1135497	1136594	inside	
pORF+_1137601	1137601	1139244	1644	+	1	0	2	2	2	13	13	13	b1082	flgK	1137601	1139244	equal	
pORF+_1139256	1139256	1140209	954	+	3	0	1	1	1	6	6	6	b1083	flgL	1139256	1140209	equal	
pORF+_1141049	1141049	1141417	369	+	2	0	1	1	1	2	2	2						FP
pORF+_1144163	1144163	1145122	960	+	2	9	11	18	24	13	35	52	b1086	rluC	1144163	1145122	equal	
pORF+_1146017	1146017	1146538	522	+	2	5	5	9	13	0	16	31	b1088	yceD	1146017	1146538	equal	
pORF+_1146590	1146590	1146763	174	+	2	5	18	23	29	1694	1814	1947	b1089	rpmF	1146590	1146763	equal	
pORF+_1146844	1146844	1147914	1071	+	1	0	1	2	2	2	4	4	b1090	plsX	1146844	1147914	equal	
pORF+_1147982	1147982	1148935	954	+	2	8	21	31	41	233	304	373	b1091	fabH	1147982	1148935	equal	
pORF+_1148379	1148379	1148549	171	+	3	0	1	1	1	6	6	6						FP
pORF+_1148951	1148951	1149880	930	+	2	14	31	51	64	1084	1257	1402	b1092	fabD	1148951	1149880	equal	
pORF+_1149893	1149893	1150627	735	+	2	12	66	78	90	3388	3526	3649	b1093	fabG	1149893	1150627	equal	
pORF+_1150838	1150838	1151074	237	+	2	2	9	14	18	262	405	546	b1094	acpP	1150838	1151074	equal	
pORF+_1151162	1151162	1152403	1242	+	2	13	29	41	54	472	559	643	b1095	fabF	1151162	1152403	equal	
pORF+_1153335	1153335	1154357	1023	+	3	0	0	1	2	0	5	11	b1097	yceG	1153335	1154357	equal	
pORF+_1154347	1154347	1154988	642	+	1	3	7	9	13	20	26	34	b1098	tmk	1154347	1154988	equal	
pORF+_1154985	1154985	1155989	1005	+	3	0	0	1	2	0	3	8	b1099	holB	1154985	1155989	equal	
pORF+_1155940	1155940	1156797	858	+	1	3	3	5	9	0	5	18	b1100	ycfH	1156000	1156797	inside	
pORF+_1157092	1157092	1158525	1434	+	1	10	16	31	43	38	179	419	b1101	ptsG	1157092	1158525	equal	
pORF+_1161090	1161090	1161467	378	+	3	3	10	14	19	255	275	298	b1103	hinT	1161108	1161467	inside	
pORF+_1161470	1161470	1161847	378	+	2	0	0	1	1	0	3	3	b1104	ycfL	1161470	1161847	equal	
pORF+_1161858	1161858	1162502	645	+	3	3	3	7	11	0	15	36	b1105	ycfM	1161861	1162502	inside	
pORF+_1163318	1163318	1164343	1026	+	2	2	3	6	9	3	12	19	b1107	nagZ	1163318	1164343	equal	
pORF+_1164309	1164309	1164908	600	+	3	3	6	12	18	45	79	112	b1108	ycfP	1164366	1164908	inside	
pORF+_1165281	1165281	1166612	1332	+	3	11	15	35	49	32	127	200	b1109	ndh	1165308	1166612	inside	
pORF+_1167084	1167084	1167254	171	+	3	0	1	1	1	2	2	2						FP
pORF+_1168296	1168296	1168553	258	+	3	0	1	6	10	5	25	47	b1112	bhsA	1168296	1168553	equal	
pORF+_1171043	1171043	1171537	495	+	2	0	1	1	1	3	3	3						FP
pORF+_1175701	1175701	1176543	843	+	1	3	10	14	18	227	240	254	b1117	lolD	1175842	1176543	inside	
pORF+_1176543	1176543	1177787	1245	+	3	2	2	3	4	0	2	4	b1118	lolE	1176543	1177787	equal	
pORF+_1177756	1177756	1178727	972	+	1	0	0	1	1	0	2	2	b1119	nagK	1177816	1178727	inside	
pORF+_1178743	1178743	1179582	840	+	1	0	3	6	14	38	53	77	b1120	cobB	1178743	1179582	equal	
pORF+_1185025	1185025	1186293	1269	+	1	1	7	15	26	49	76	149	b1127	pepT	1185067	1186293	inside	
pORF+_1194346	1194346	1195596	1251	+	1	23	124	179	227	8955	10305	11876	b1136	icd	1194346	1195596	equal	
pORF+_1200068	1200068	1200175	108	+	2	0	1	1	1	15	15	15						FP
pORF+_1205315	1205315	1206145	831	+	2	0	1	1	1	6	6	6	b1152	ymfP	1205366	1206145	inside	
pORF+_1206136	1206136	1206720	585	+	1	0	1	1	1	2	2	2	b1153	ymfQ	1206136	1206720	equal	
pORF+_1210636	1210636	1210800	165	+	1	3	31	37	41	2612	2962	3402	b4519	icdC	1210636	1210800	equal	

pORF+_1215291	1215291	1215563	273	+	3	0	0	0	1	0	0	2	b1165	ymgA	1215291	1215563	equal	
pORF+_1215592	1215592	1215858	267	+	1	0	0	1	1	0	2	2	b1166	ariR	1215592	1215858	equal	
pORF+_1225823	1225823	1226191	369	+	2	0	1	2	3	5	9	14	b1177	ycgJ	1225823	1226191	equal	
pORF+_1226904	1226904	1227230	327	+	3	0	1	5	7	7	19	24	b1179	ycgL	1226904	1227230	equal	
pORF+_1227302	1227302	1227961	660	+	2	0	1	4	7	2	9	22	b1180	ycgM	1227302	1227961	equal	
pORF+_1230409	1230409	1231677	1269	+	1	0	0	0	1	0	0	2	b1184	umuC	1230409	1231677	equal	
pORF+_1232381	1232381	1232743	363	+	2	0	1	1	1	2	2	2						FP
pORF+_1234137	1234137	1234880	744	+	3	4	7	13	17	16	36	54	b1187	fadR	1234161	1234880	inside	
pORF+_1236788	1236788	1238092	1305	+	2	2	3	8	14	4	15	38	b1189	dadA	1236794	1238092	inside	
pORF+_1238102	1238102	1239172	1071	+	2	0	1	1	2	3	3	6	b1190	dadX	1238102	1239172	equal	
pORF+_1240458	1240458	1240586	129	+	3	0	1	2	2	4	13	13						FP
pORF+_1242289	1242289	1243014	726	+	1	0	4	4	4	41	41	41	b1193	emtA	1242403	1243014	inside	
pORF+_1250280	1250280	1252208	1929	+	3	0	1	2	2	7	9	9	b1201	dhaR	1250289	1252208	inside	
pORF+_1254016	1254016	1254156	141	+	1	0	1	1	1	11	11	11						FP
pORF+_1256914	1256914	1257042	129	+	1	0	1	1	1	2	2	2						FP
pORF+_1258014	1258014	1258292	279	+	3	0	0	0	1	0	0	5	b1205	ychH	1258014	1258292	equal	
pORF+_1262739	1262739	1264193	1455	+	3	0	0	1	1	0	2	2	b1210	hemA	1262937	1264193	inside	
pORF+_1264235	1264235	1265317	1083	+	2	5	9	15	19	105	120	129	b1211	prfA	1264235	1265317	equal	
pORF+_1265317	1265317	1266150	834	+	1	0	0	0	1	0	0	2	b1212	prmC	1265317	1266150	equal	
pORF+_1267388	1267388	1268242	855	+	2	14	49	66	84	1781	2039	2303	b1215	kdsA	1267388	1268242	equal	
pORF+_1271342	1271342	1271572	231	+	2	0	0	1	2	0	2	7	b1217	chaB	1271342	1271572	equal	
pORF+_1279087	1279087	1282830	3744	+	1	1	1	1	2	0	0	2	b1224	narG	1279087	1282830	equal	
pORF+_1282139	1282139	1282186	48	+	2	1	1	1	1	0	0	0						
pORF+_1282827	1282827	1284365	1539	+	3	1	2	3	3	3	5	5	b1225	narH	1282827	1284365	equal	
pORF+_1284362	1284362	1285072	711	+	2	0	0	2	2	0	5	5	b1226	narJ	1284362	1285072	equal	
pORF+_1288429	1288429	1289373	945	+	1	0	0	2	3	0	5	7	b1234	rssA	1288429	1289373	equal	
pORF+_1289465	1289465	1290478	1014	+	2	0	0	1	3	0	3	9	b1235	rssB	1289465	1290478	equal	
pORF+_1290680	1290680	1291588	909	+	2	11	33	49	64	720	802	899	b1236	galU	1290680	1291588	equal	
pORF+_1292750	1292750	1293367	618	+	2	4	6	8	8	7	12	12	b1238	tdk	1292750	1293367	equal	
pORF+_1299134	1299134	1300837	1704	+	2	32	122	145	182	7656	7763	8049	b1243	oppA	1299206	1300837	inside	
pORF+_1300923	1300923	1301843	921	+	3	0	0	1	2	0	3	6	b1244	oppB	1300923	1301843	equal	
pORF+_1302778	1302778	1303791	1014	+	1	0	3	4	6	38	41	48	b1246	oppD	1302778	1303791	equal	
pORF+_1303788	1303788	1304792	1005	+	3	0	4	9	11	15	26	30	b1247	oppF	1303788	1304792	equal	
pORF+_1309062	1309062	1309832	771	+	3	0	1	6	10	12	35	45	b1252	tonB	1309113	1309832	inside	
pORF+_1312044	1312044	1312682	639	+	3	0	1	6	10	6	48	69	b1256	ompW	1312044	1312682	equal	
pORF+_1317157	1317157	1317351	195	+	1	0	0	1	1	0	3	3						FP
pORF+_1320540	1320540	1320896	357	+	3	0	0	1	1	0	2	2						FP
pORF+_1322086	1322086	1322742	657	+	1	2	6	12	20	71	92	132	b1267	yciO	1322122	1322742	inside	
pORF+_1324876	1324876	1325751	876	+	1	5	6	12	18	3	18	33	b1269	rhuB	1324876	1325751	equal	
pORF+_1327356	1327356	1328405	1050	+	3	2	10	23	33	104	170	234	b1272	sohB	1327356	1328405	equal	
pORF+_1329030	1329030	1331669	2640	+	3	20	35	53	74	129	186	271	b1274	topA	1329072	1331669	inside	
pORF+_1331879	1331879	1332853	975	+	2	6	9	20	28	35	79	111	b1275	cysB	1331879	1332853	equal	
pORF+_1333855	1333855	1336530	2676	+	1	4	21	46	88	108	250	630	b1276	acnA	1333855	1336530	equal	
pORF+_1338267	1338267	1338575	309	+	3	0	0	2	4	0	12	27	b1279	yciS	1338267	1338575	equal	
pORF+_1338582	1338582	1339751	1170	+	3	0	2	6	8	7	16	20	b1280	yciM	1338582	1339751	equal	
pORF+_1339885	1339885	1340682	798	+	1	2	15	22	29	247	274	300	b1281	pyrF	1339945	1340682	inside	

pORF+_1340679	1340679	1341008	330	+	3	0	2	4	5	6	11	13	b1282	yciH	1340682	1341008	inside	
pORF+_1341741	1341741	1342073	333	+	3	0	1	2	3	2	9	16						FP
pORF+_1353604	1353604	1354068	465	+	1	0	0	1	1	0	2	2						FP
pORF+_1359132	1359132	1359908	777	+	3	0	1	3	5	2	7	16	b1298	puuD	1359144	1359908	inside	
pORF+_1359935	1359935	1360492	558	+	2	0	0	0	2	0	0	5	b1299	puuR	1359935	1360492	equal	
pORF+_1360671	1360671	1362254	1584	+	3	0	1	1	1	3	3	3	b1300	puuC	1360767	1362254	inside	
pORF+_1362256	1362256	1363536	1281	+	1	0	0	1	2	0	5	7	b1301	puuB	1362256	1363536	equal	
pORF+_1363574	1363574	1364839	1266	+	2	0	3	4	5	6	8	11	b1302	puuE	1363574	1364839	equal	
pORF+_1366103	1366103	1366771	669	+	2	5	19	25	30	192	219	248	b1304	pspA	1366103	1366771	equal	
pORF+_1366825	1366825	1367049	225	+	1	0	0	2	2	0	5	5	b1305	pspB	1366825	1367049	equal	
pORF+_1367713	1367713	1368027	315	+	1	0	4	9	12	48	63	76	b1308	pspE	1367713	1368027	equal	
pORF+_1368213	1368213	1369919	1707	+	3	0	1	1	1	2	2	2	b1309	ycjM	1368240	1369919	inside	
pORF+_1369933	1369933	1371225	1293	+	1	1	1	1	1	0	0	0	b1310	ycjN	1369933	1371225	equal	
pORF+_1371335	1371335	1371661	327	+	2	0	0	0	1	0	0	2						FP
pORF+_1374856	1374856	1375911	1056	+	1	1	1	1	1	0	0	0	b1315	ycjS	1374856	1375911	equal	
pORF+_1382141	1382141	1383538	1398	+	2	0	1	7	9	2	22	29	b1321	ycjX	1382141	1383538	equal	
pORF+_1383535	1383535	1384596	1062	+	1	0	0	3	4	0	6	10	b1322	ycjF	1383535	1384596	equal	
pORF+_1384717	1384717	1386285	1569	+	1	1	1	9	19	0	25	58	b1323	tyrR	1384744	1386285	inside	
pORF+_1386912	1386912	1387919	1008	+	3	0	1	1	1	2	2	2	b1325	ycjG	1386954	1387919	inside	
pORF+_1387873	1387873	1388112	240	+	1	0	1	1	1	3	3	3						FP
pORF+_1391230	1391230	1392864	1635	+	1	14	19	26	38	27	44	83	b1329	mppA	1391251	1392864	inside	
pORF+_1394100	1394100	1395116	1017	+	3	0	0	46	46	0	158	158	b1331	insH	1394100	1395116	equal	
pORF+_1404003	1404003	1404566	564	+	3	0	0	4	5	0	18	20	b1340	ydaL	1404003	1404566	equal	
pORF+_1406074	1406074	1407057	984	+	1	0	0	0	2	0	0	4	b1342	ydaN	1406074	1407057	equal	
pORF+_1423838	1423838	1423993	156	+	2	0	1	1	1	2	2	2						
pORF+_1425482	1425482	1425637	156	+	2	1	1	1	1	0	0	0	b4570	lomR	1425413	1425622	overlap	
pORF+_1427067	1427067	1430435	3369	+	3	0	0	0	1	0	0	2	b1372	stfR	1427073	1430435	inside	
pORF+_1445540	1445540	1447042	1503	+	2	0	1	1	1	7	7	7	b1385	feaB	1445543	1447042	inside	
pORF+_1456982	1456982	1458505	1524	+	2	0	1	1	1	46	46	46	b1395	paaH	1457078	1458505	inside	
pORF+_1458917	1458917	1460122	1206	+	2	0	2	2	2	4	4	4	b1397	paaJ	1458917	1460122	equal	
pORF+_1461563	1461563	1462513	951	+	2	0	1	2	3	8	12	17	b1399	paaX	1461563	1462513	equal	
pORF+_1462495	1462495	1463085	591	+	1	0	1	2	3	13	15	17	b1400	paaY	1462495	1463085	equal	
pORF+_1463416	1463416	1465974	2559	+	1	0	1	1	1	2	2	2	b4492	ydbA	1463416	1465928	inside	
pORF+_1465082	1465082	1465315	234	+	2	0	1	1	1	2	2	2						FP
pORF+_1472245	1472245	1473105	861	+	1	0	7	10	17	41	52	99	b1406	ydbC	1472245	1473105	equal	
pORF+_1473162	1473162	1475474	2313	+	3	2	2	2	2	0	0	0	b1407	ydbD	1473168	1475474	inside	
pORF+_1477205	1477205	1477492	288	+	2	0	1	1	1	3	3	3						FP
pORF+_1479888	1479888	1480181	294	+	3	0	1	1	1	5	5	5						FP
pORF+_1481085	1481085	1484987	3903	+	3	5	7	19	29	35	64	93	b1413	hrpA	1481085	1484987	equal	
pORF+_1485259	1485259	1486059	801	+	1	0	4	12	23	15	39	82	b1414	ydcF	1485259	1486059	equal	
pORF+_1486256	1486256	1487695	1440	+	2	12	74	91	116	1782	1857	2054	b1415	aldA	1486256	1487695	equal	
pORF+_1490494	1490494	1492134	1641	+	1	0	5	6	6	18	20	20	b1421	trg	1490494	1492134	equal	
pORF+_1493312	1493312	1494655	1344	+	2	0	0	0	1	0	0	3	b1423	ydcJ	1493312	1494655	equal	
pORF+_1494880	1494880	1496535	1656	+	1	6	10	19	27	16	41	69	b1424	mdoD	1494880	1496535	equal	
pORF+_1496947	1496947	1497501	555	+	1	0	1	3	3	2	7	7	b1427	rimL	1496962	1497501	inside	
pORF+_1499586	1499586	1500179	594	+	3	6	13	19	23	45	58	71	b1430	tehB	1499586	1500179	equal	

pORF+_1500481	1500481	1501149	669	+	1	0	9	19	29	114	154	256	b1431	ydcL	1500481	1501149	equal	
pORF+_1503247	1503247	1503369	123	+	1	0	1	1	1	6	6	6						FP
pORF+_1504763	1504763	1506766	2004	+	2	0	0	6	6	0	15	15	b1435	ydcP	1504805	1506766	inside	
pORF+_1509678	1509678	1510823	1146	+	3	0	9	9	29	40	40	137	b1440	ydcS	1509678	1510823	equal	
pORF+_1510841	1510841	1511854	1014	+	2	2	2	2	3	0	0	3	b1441	ydcT	1510841	1511854	equal	
pORF+_1513602	1513602	1515026	1425	+	3	0	18	18	18	128	128	128	b1444	ydcW	1513602	1515026	equal	
pORF+_1515672	1515672	1515905	234	+	3	1	6	9	12	111	140	156	b1446	ydcY	1515672	1515905	equal	
pORF+_1516180	1516180	1516350	171	+	1	0	1	1	1	2	2	2						FP
pORF+_1516830	1516830	1517225	396	+	3	0	1	1	1	3	3	3						FP
pORF+_1516958	1516958	1518088	1131	+	2	0	9	14	22	35	45	65	b1449	yncB	1517027	1518088	inside	
pORF+_1518229	1518229	1518951	723	+	1	0	0	1	2	0	2	4	b1450	yncC	1518286	1518951	inside	
pORF+_1520905	1520905	1521183	279	+	1	0	1	1	1	2	2	2						FP
pORF+_1521331	1521331	1522392	1062	+	1	16	76	89	99	2521	2593	2652	b1452	yncE	1521331	1522392	equal	
pORF+_1524964	1524964	1525176	213	+	1	0	1	2	3	2	17	31	b1455	yncH	1524964	1525176	equal	
pORF+_1531037	1531037	1531309	273	+	2	0	1	2	2	8	10	10	b1461	pptA	1531076	1531309	inside	
pORF+_1535423	1535423	1535626	204	+	2	0	1	1	1	2	2	2						FP
pORF+_1545425	1545425	1546012	588	+	2	3	3	3	3	0	0	0						
pORF+_1546061	1546061	1548472	2412	+	2	7	7	7	7	0	0	0	b1474	fdnG	1545425	1548472	contain	
pORF+_1548485	1548485	1549369	885	+	2	1	1	1	1	0	0	0	b1475	fdnH	1548485	1549369	equal	
pORF+_1554649	1554649	1555080	432	+	1	5	17	22	29	387	406	461	b1482	osmC	1554649	1555080	equal	
pORF+_1557456	1557456	1557656	201	+	3	0	1	1	1	2	2	2						FP
pORF+_1566272	1566272	1566691	420	+	2	0	1	1	1	2	2	2						FP
pORF+_1571340	1571340	1571540	201	+	3	0	1	1	1	2	2	2						FP
pORF+_1577092	1577092	1577223	132	+	1	0	0	1	1	0	2	2						FP
pORF+_1579157	1579157	1579777	621	+	2	0	1	1	1	2	2	2						FP
pORF+_1589268	1589268	1589396	129	+	3	0	1	1	1	2	2	2						FP
pORF+_1599514	1599514	1601049	1536	+	1	0	0	0	6	0	0	22	b1513	lsrA	1599514	1601049	equal	
pORF+_1602071	1602071	1603063	993	+	2	0	1	1	1	2	2	2	b1515	lsrD	1602071	1603063	equal	
pORF+_1603075	1603075	1604097	1023	+	1	0	0	0	8	0	0	29	b1516	lsrB	1603075	1604097	equal	
pORF+_1604124	1604124	1604999	876	+	3	0	2	2	12	8	8	58	b1517	lsrF	1604124	1604999	equal	
pORF+_1605023	1605023	1605313	291	+	2	0	0	0	1	0	0	5	b1518	lsrG	1605023	1605313	equal	
pORF+_1605370	1605370	1606128	759	+	1	0	0	2	6	0	6	19	b1519	tam	1605370	1606128	equal	
pORF+_1607976	1607976	1608524	549	+	3	0	1	1	1	2	2	2						FP
pORF+_1618381	1618381	1618539	159	+	1	0	1	1	1	3	3	3						FP
pORF+_1625526	1625526	1626287	762	+	3	6	19	25	32	816	878	984	b1539	ydfG	1625541	1626287	inside	
pORF+_1626376	1626376	1627062	687	+	1	0	0	2	3	0	4	6	b1540	ydfH	1626376	1627062	equal	
pORF+_1627239	1627239	1627442	204	+	3	6	25	27	27	286	297	297	b1541	ydfZ	1627239	1627442	equal	
pORF+_1631646	1631646	1632236	591	+	3	0	3	3	3	6	6	6	b1545	pinQ	1631646	1632236	equal	
pORF+_1639879	1639879	1640091	213	+	1	0	0	1	1	0	2	2	b1558	cspF	1639879	1640091	equal	
pORF+_1642530	1642530	1642742	213	+	3	0	0	0	1	0	0	2						FP
pORF+_1643757	1643757	1643849	93	+	3	0	0	0	1	0	0	3						FP
pORF+_1645958	1645958	1646365	408	+	2	0	6	7	8	22	24	26	b1570	dicA	1645958	1646365	equal	
pORF+_1652324	1652324	1652473	150	+	2	0	1	1	1	21	21	21						FP
pORF+_1653832	1653832	1654173	342	+	1	0	2	3	10	13	17	43	b1583	ynfB	1653832	1654173	equal	
pORF+_1654208	1654208	1654768	561	+	2	2	4	11	16	7	39	61	b1584	speG	1654208	1654768	equal	
pORF+_1655547	1655547	1655894	348	+	3	0	2	3	5	23	26	32	b1586	ynfD	1655589	1655894	inside	

pORF+_1656093	1656093	1658519	2427	+	3	0	2	2	2	8	8	8	b1587	ynfE	1656093	1658519	equal	
pORF+_1658577	1658577	1661003	2427	+	3	0	4	4	4	13	13	13	b1588	ynfF	1658580	1661003	inside	
pORF+_1661014	1661014	1661631	618	+	1	0	3	3	3	40	40	40	b1589	ynfG	1661014	1661631	equal	
pORF+_1661027	1661027	1661383	357	+	2	0	1	1	1	2	2	2						FP
pORF+_1662521	1662521	1663144	624	+	2	0	0	1	1	0	3	3	b1591	dmsD	1662530	1663144	inside	
pORF+_1669373	1669373	1669708	336	+	2	0	1	2	2	16	18	18	b1597	asr	1669400	1669708	inside	
pORF+_1669984	1669984	1670805	822	+	1	0	0	0	1	0	0	2	b1598	ydgD	1669984	1670805	equal	
pORF+_1676451	1676451	1677395	945	+	3	15	46	63	84	688	789	889	b1604	ydgH	1676451	1677395	equal	
pORF+_1680123	1680123	1680902	780	+	3	0	1	3	5	6	10	16	b1608	rstA	1680183	1680902	inside	
pORF+_1680906	1680906	1682207	1302	+	3	0	0	0	1	0	0	2	b1609	rstB	1680906	1682207	equal	
pORF+_1682271	1682271	1683212	942	+	3	0	0	1	2	0	3	5	b1610	tus	1682283	1683212	inside	
pORF+_1682888	1682888	1683073	186	+	2	0	1	1	1	2	2	2						FP
pORF+_1686522	1686522	1687775	1254	+	3	13	25	42	56	266	327	382	b1613	manA	1686600	1687775	inside	
pORF+_1687876	1687876	1689384	1509	+	1	11	45	62	90	502	568	690	b1614	ydgA	1687876	1689384	equal	
pORF+_1697016	1697016	1698971	1956	+	3	1	1	2	3	0	2	4	b1621	malX	1697379	1698971	inside	
pORF+_1698981	1698981	1700153	1173	+	3	0	0	3	3	0	12	12	b1622	malY	1698981	1700153	equal	
pORF+_1700257	1700257	1701258	1002	+	1	3	6	10	14	15	35	56	b1623	add	1700257	1701258	equal	
pORF+_1704943	1704943	1707165	2223	+	1	0	1	7	8	3	22	24	b1629	rsxC	1704943	1707165	equal	
pORF+_1707166	1707166	1708224	1059	+	1	0	0	1	1	0	2	2	b1630	rsxD	1707166	1708224	equal	
pORF+_1707822	1707822	1708031	210	+	3	0	1	1	1	4	4	4						FP
pORF+_1708228	1708228	1708848	621	+	1	0	1	2	2	4	7	7	b1631	rsxG	1708228	1708848	equal	
pORF+_1709547	1709547	1710182	636	+	3	0	0	1	3	0	2	6	b1633	nth	1709547	1710182	equal	
pORF+_1710793	1710793	1712295	1503	+	1	0	1	1	1	5	5	5	b1634	tppB	1710793	1712295	equal	
pORF+_1712401	1712401	1713006	606	+	1	0	14	27	38	345	461	579	b1635	gst	1712401	1713006	equal	
pORF+_1717900	1717900	1718367	468	+	1	4	15	20	24	442	484	546	b1641	slyB	1717900	1718367	equal	
pORF+_1720145	1720145	1722157	2013	+	2	0	1	1	1	6	6	6	b1645	ydhK	1720145	1722157	equal	
pORF+_1724683	1724683	1725780	1098	+	1	6	17	22	22	75	87	87	b1650	nemA	1724683	1725780	equal	
pORF+_1725861	1725861	1726268	408	+	3	3	9	10	11	90	92	94	b1651	gloA	1725861	1726268	equal	
pORF+_1726371	1726371	1727018	648	+	3	0	3	5	6	8	12	14	b1652	rnt	1726371	1727018	equal	
pORF+_1730896	1730896	1731306	411	+	1	0	0	1	1	0	3	3						FP
pORF+_1733402	1733402	1733983	582	+	2	9	17	29	41	152	245	529	b1656	sodB	1733402	1733983	equal	
pORF+_1733544	1733544	1733783	240	+	3	0	0	1	2	0	5	10						FP
pORF+_1735656	1735656	1735880	225	+	3	0	0	1	1	0	12	12						FP
pORF+_1735868	1735868	1736893	1026	+	2	7	23	40	56	304	398	468	b1658	purR	1735868	1736893	equal	
pORF+_1739437	1739437	1740585	1149	+	1	3	6	8	8	12	20	20	b1661	cfa	1739437	1740585	equal	
pORF+_1741481	1741481	1742854	1374	+	2	0	0	1	1	0	2	2	b1663	mdtK	1741481	1742854	equal	
pORF+_1744724	1744724	1745029	306	+	2	2	9	14	20	174	196	236	b1667	ydhR	1744724	1745029	equal	
pORF+_1745155	1745155	1746759	1605	+	1	0	0	2	5	0	5	14	b1668	ydhS	1745155	1746759	equal	
pORF+_1746972	1746972	1747718	747	+	3	0	0	1	1	0	3	3						FP
pORF+_1747262	1747262	1747372	111	+	2	0	0	0	1	0	0	4						FP
pORF+_1753506	1753506	1755134	1629	+	3	30	100	128	163	3861	4233	4842	b1676	pykF	1753722	1755134	inside	
pORF+_1755445	1755445	1755681	237	+	1	3	14	20	26	434	485	530	b1677	lpp	1755445	1755681	equal	
pORF+_1767098	1767098	1768210	1113	+	2	0	0	0	1	0	0	3	b1688	ydiK	1767098	1768210	equal	
pORF+_1767453	1767453	1767605	153	+	3	0	0	0	1	0	0	4						FP
pORF+_1771813	1771813	1772679	867	+	1	0	1	1	1	4	4	4	b1692	ydiB	1771813	1772679	equal	
pORF+_1772710	1772710	1773468	759	+	1	4	11	17	19	126	141	147	b1693	aroD	1772710	1773468	equal	

pORF+_1785469	1785469	1786302	834	+	1	0	2	5	10	10	18	32	b1703	ydiA	1785469	1786302	equal	
pORF+_1786336	1786336	1787505	1170	+	1	2	6	14	24	40	68	101	b1704	aroH	1786459	1787505	inside	
pORF+_1794859	1794859	1795461	603	+	1	0	1	1	1	2	2	2						FP
pORF+_1804391	1804391	1805323	933	+	2	4	12	20	31	50	75	133	b1723	pfkB	1804394	1805323	inside	
pORF+_1805424	1805424	1805714	291	+	3	1	1	1	1	0	0	0	b1724	ydiZ	1805424	1805714	equal	
pORF+_1805820	1805820	1806680	861	+	3	0	0	3	10	0	8	59	b1725	yniA	1805820	1806680	equal	
pORF+_1807404	1807404	1808072	669	+	3	2	2	7	13	0	20	41	b1727	yniC	1807404	1808072	equal	
pORF+_1808958	1808958	1810349	1392	+	3	0	2	12	22	8	85	154	b1729	ydjN	1808958	1810349	equal	
pORF+_1811891	1811891	1814152	2262	+	2	0	29	42	54	315	354	401	b1732	katE	1811891	1814152	equal	
pORF+_1818853	1818853	1819056	204	+	1	0	1	1	1	6	6	6						FP
pORF+_1820482	1820482	1821309	828	+	1	8	30	46	60	704	810	908	b1740	nadE	1820482	1821309	equal	
pORF+_1827297	1827297	1827437	141	+	3	0	1	1	1	4	4	4						FP
pORF+_1830440	1830440	1831258	819	+	2	6	15	23	32	67	105	152	b1749	xthA	1830452	1831258	inside	
pORF+_1831978	1831978	1832817	840	+	1	0	1	1	1	3	3	3	b1751	ydjY	1832140	1832817	inside	
pORF+_1832699	1832699	1832935	237	+	2	0	1	1	1	2	2	2						FP
pORF+_1833539	1833539	1834087	549	+	2	0	0	0	1	0	0	2	b1753	ynjA	1833539	1834087	equal	
pORF+_1834094	1834094	1835263	1170	+	2	0	2	4	4	16	20	20	b1754	ynjB	1834097	1835263	inside	
pORF+_1837476	1837476	1838798	1323	+	3	1	3	4	8	4	6	19	b1757	ynjE	1837491	1838798	inside	
pORF+_1840395	1840395	1841738	1344	+	3	8	55	76	95	1624	1785	1894	b1761	gdhA	1840395	1841738	equal	
pORF+_1844923	1844923	1845459	537	+	1	0	0	0	1	0	0	3						FP
pORF+_1846717	1846717	1848717	2001	+	1	0	0	5	10	0	12	28	b1766	sppA	1846861	1848717	inside	
pORF+_1848884	1848884	1849900	1017	+	2	0	7	13	18	109	139	164	b1767	ansA	1848884	1849900	equal	
pORF+_1849893	1849893	1850552	660	+	3	0	2	2	2	6	6	6	b1768	pncA	1849911	1850552	inside	
pORF+_1860786	1860786	1861790	1005	+	3	31	177	224	268	16899	22404	29432	b1779	gapA	1860795	1861790	inside	
pORF+_1861853	1861853	1862758	906	+	2	12	24	39	48	596	665	745	b1780	yeaD	1861874	1862758	inside	
pORF+_1864932	1864932	1866866	1935	+	3	0	13	28	71	151	221	609	b1783	yeaG	1864932	1866866	equal	
pORF+_1866979	1866979	1868262	1284	+	1	0	0	0	2	0	0	4	b1784	yeaH	1866979	1868262	equal	
pORF+_1871598	1871598	1872101	504	+	3	0	2	5	8	7	19	31	b1787	yeaK	1871598	1872101	equal	
pORF+_1874912	1874912	1875280	369	+	2	0	3	7	12	12	20	40	b1792	yeaO	1874933	1875280	inside	
pORF+_1875610	1875610	1876764	1155	+	1	0	0	1	2	0	3	5	b1794	yeaP	1875739	1876764	inside	
pORF+_1879936	1879936	1881021	1086	+	1	0	0	1	2	0	2	4	b1800	yeaU	1879936	1881021	equal	
pORF+_1887333	1887333	1887521	189	+	3	0	1	1	1	2	2	2						FP
pORF+_1891343	1891343	1891735	393	+	2	3	6	10	14	20	67	99	b1809	yoaB	1891391	1891735	inside	
pORF+_1892097	1892097	1892456	360	+	3	0	2	2	2	5	5	5	b1810	yoaC	1892097	1892456	equal	
pORF+_1892829	1892829	1894190	1362	+	3	0	0	3	4	0	10	12	b1812	pabB	1892829	1894190	equal	
pORF+_1894194	1894194	1894772	579	+	3	0	0	0	1	0	0	2	b1813	nudL	1894194	1894772	equal	
pORF+_1894956	1894956	1896320	1365	+	3	6	6	9	9	0	18	18	b1814	sdaA	1894956	1896320	equal	
pORF+_1899311	1899311	1899664	354	+	2	0	0	0	1	0	0	4						FP
pORF+_1900072	1900072	1901043	972	+	1	9	41	59	76	1306	1692	2146	b1817	manX	1900072	1901043	equal	
pORF+_1901106	1901106	1901906	801	+	3	0	0	0	1	0	0	3	b1818	manY	1901106	1901906	equal	
pORF+_1901910	1901910	1902770	861	+	3	4	6	15	24	55	192	452	b1819	manZ	1901910	1902770	equal	
pORF+_1906949	1906949	1907188	240	+	2	0	0	1	2	0	2	4	b4536	yobH	1906949	1907188	equal	
pORF+_1914282	1914282	1915565	1284	+	3	0	1	1	1	2	2	2	b1833	yebS	1914282	1915565	equal	
pORF+_1915492	1915492	1918167	2676	+	1	1	1	5	12	0	8	28	b1834	yebT	1915534	1918167	inside	
pORF+_1918241	1918241	1919686	1446	+	2	0	0	2	5	0	5	11	b1835	rsmF	1918247	1919686	inside	
pORF+_1919789	1919789	1920040	252	+	2	0	2	2	4	13	13	19	b1836	yebV	1919804	1920040	inside	

pORF+_1923045	1923045	1923362	318	+	3	1	1	1	1	0	0	0	b1842	holE	1923132	1923362	inside	
pORF+_1923705	1923705	1923983	279	+	3	0	1	1	1	2	2	2						FP
pORF+_1928905	1928905	1930083	1179	+	1	11	37	53	65	906	988	1056	b1849	purT	1928905	1930083	equal	
pORF+_1934676	1934676	1935545	870	+	3	1	4	5	8	12	14	22	b1853	yebK	1934676	1935545	equal	
pORF+_1935532	1935532	1937115	1584	+	1	12	53	75	98	1517	1634	1802	b1854	pykA	1935673	1937115	inside	
pORF+_1935836	1935836	1936081	246	+	2	0	1	1	1	2	2	2						FP
pORF+_1940686	1940686	1941441	756	+	1	1	5	11	18	20	36	64	b1858	znuC	1940686	1941441	equal	
pORF+_1941438	1941438	1942223	786	+	3	0	1	1	1	3	3	3	b1859	znuB	1941438	1942223	equal	
pORF+_1944552	1944552	1944686	135	+	3	0	0	0	1	0	0	5						FP
pORF+_1948823	1948823	1949422	600	+	2	1	5	6	8	19	21	27	b1867	yecD	1948856	1949422	inside	
pORF+_1949419	1949419	1950237	819	+	1	0	0	2	2	0	4	4	b1868	yecE	1949419	1950237	equal	
pORF+_1950131	1950131	1950685	555	+	2	0	1	1	1	3	3	3	b1869	yecN	1950290	1950685	inside	
pORF+_1950726	1950726	1951469	744	+	3	3	5	9	15	16	34	55	b1870	cmoA	1950726	1951469	equal	
pORF+_1951466	1951466	1952437	972	+	2	0	0	3	7	0	7	20	b1871	cmoB	1951466	1952437	equal	
pORF+_1958086	1958086	1959819	1734	+	1	12	25	45	70	133	238	330	b1876	argS	1958086	1959819	equal	
pORF+_1961294	1961294	1961557	264	+	2	0	0	1	1	0	3	3						FP
pORF+_1962788	1962788	1963552	765	+	2	0	1	1	1	2	2	2						FP
pORF+_1963021	1963021	1963092	72	+	1	0	1	1	1	3	3	3						FP
pORF+_1968187	1968187	1968546	360	+	1	0	1	1	1	2	2	2						FP
pORF+_1972943	1972943	1973059	117	+	2	0	1	1	1	2	2	2						FP
pORF+_1977777	1977777	1978205	429	+	3	0	0	1	2	0	2	5	b1895	uspC	1977777	1978205	equal	
pORF+_1982168	1982168	1982329	162	+	2	0	1	2	3	3	21	39						FP
pORF+_1986725	1986725	1987237	513	+	2	6	13	21	28	206	254	293	b1905	ftnA	1986740	1987237	inside	
pORF+_1993842	1993842	1994066	225	+	3	0	4	5	7	28	32	87	b1915	yecF	1993842	1994066	equal	
pORF+_1994204	1994204	1994497	294	+	2	0	0	1	2	0	5	10						FP
pORF+_1998807	1998807	1999010	204	+	3	0	1	1	1	3	3	3						FP
pORF+_2004180	2004180	2005667	1488	+	3	0	1	4	7	2	9	20	b1927	amyA	2004180	2005667	equal	
pORF+_2007503	2007503	2007736	234	+	2	0	2	4	6	61	69	79	b1930	yedF	2007503	2007736	equal	
pORF+_2011253	2011253	2012911	1659	+	2	0	1	4	4	2	8	8	b1938	fliF	2011253	2012911	equal	
pORF+_2012904	2012904	2013899	996	+	3	0	1	3	4	3	12	14	b1939	fliG	2012904	2013899	equal	
pORF+_2013871	2013871	2014578	708	+	1	0	2	2	2	4	4	4	b1940	fliH	2013892	2014578	inside	
pORF+_2014578	2014578	2015951	1374	+	3	1	2	2	2	3	3	3	b1941	fliI	2014578	2015951	equal	
pORF+_2017642	2017642	2018106	465	+	1	0	1	1	1	10	10	10	b1944	fliL	2017642	2018106	equal	
pORF+_2019112	2019112	2019525	414	+	1	0	2	3	3	10	12	12	b1946	fliN	2019112	2019525	equal	
pORF+_2021992	2021992	2022615	624	+	1	0	1	1	1	3	3	3	b1951	rcsA	2021992	2022615	equal	
pORF+_2022995	2022995	2023237	243	+	2	0	0	0	5	0	0	61	b1953	yodD	2023010	2023237	inside	
pORF+_2023535	2023535	2024350	816	+	2	0	0	1	6	0	9	44	b1955	yedP	2023535	2024350	equal	
pORF+_2032045	2032045	2032560	516	+	1	5	9	17	17	20	44	44	b4496	yedS	2032075	2033267	contain	
pORF+_2032863	2032863	2033267	405	+	3	4	4	4	4	0	0	0	b4496	yedS	2032075	2033267	contain_f3	
pORF+_2033859	2033859	2034710	852	+	3	2	8	19	32	64	105	183	b1967	hchA	2033859	2034710	equal	
pORF+_2036980	2036980	2037393	414	+	1	0	0	4	7	0	14	28	b1970	yedX	2036980	2037393	equal	
pORF+_2037502	2037502	2038506	1005	+	1	0	0	1	6	0	2	13	b1971	yedY	2037502	2038506	equal	
pORF+_2039399	2039399	2040049	651	+	2	5	24	35	63	962	1150	3574	b1973	yodA	2039399	2040049	equal	
pORF+_2041636	2041636	2042472	837	+	1	0	0	2	2	0	5	5	b1976	mtfA	2041675	2042472	inside	
pORF+_2042887	2042887	2050038	7152	+	1	0	0	0	1	0	0	4	b1978	yeeJ	2042962	2050038	inside	
pORF+_2051667	2051667	2052983	1317	+	3	0	1	1	1	5	5	5	b1981	shiA	2051667	2052983	equal	

pORF+_2052929	2052929	2054539	1611	+	2	2	4	22	35	23	86	145	b1982	amn	2053085	2054539	inside	
pORF+_2054882	2054882	2055598	717	+	2	6	21	26	29	262	281	291	b1983	yeeN	2054882	2055598	equal	
pORF+_2068268	2068268	2068528	261	+	2	3	3	3	3	0	0	0	b4582	yoeA	2066659	2066962	inside	
pORF+_2069407	2069407	2072682	3276	+	1	0	8	17	22	45	69	83	b2000	flu	2069563	2072682	inside	
pORF+_2072534	2072534	2072668	135	+	2	0	1	1	1	2	2	2						FP
pORF+_2080708	2080708	2082207	1500	+	1	0	0	5	7	0	12	17	b2011	sbcB	2080780	2082207	inside	
pORF+_2088177	2088177	2089115	939	+	3	5	32	48	62	1580	1682	1757	b2019	hisG	2088216	2089115	inside	
pORF+_2089112	2089112	2090425	1314	+	2	5	33	47	62	818	896	988	b2020	hisD	2089121	2090425	inside	
pORF+_2090127	2090127	2090291	165	+	3	1	1	1	1	0	0	0						FP
pORF+_2090422	2090422	2091492	1071	+	1	2	10	24	37	213	303	358	b2021	hisC	2090422	2091492	equal	
pORF+_2091489	2091489	2092559	1071	+	3	0	15	31	45	210	287	346	b2022	hisB	2091492	2092559	inside	
pORF+_2092559	2092559	2093149	591	+	2	0	4	16	24	55	115	155	b2023	hisH	2092559	2093149	equal	
pORF+_2093146	2093146	2093886	741	+	1	0	12	24	32	300	349	385	b2024	hisA	2093149	2093886	inside	
pORF+_2093868	2093868	2094644	777	+	3	0	11	23	35	224	284	349	b2025	hisF	2093868	2094644	equal	
pORF+_2094638	2094638	2095249	612	+	2	0	5	10	13	19	45	61	b2026	hisI	2094638	2095249	equal	
pORF+_2096138	2096138	2096368	231	+	2	0	1	1	1	3	3	3						FP
pORF+_2111895	2111895	2112056	162	+	3	0	1	1	1	6	6	6						FP
pORF+_2122230	2122230	2122451	222	+	3	0	0	0	1	0	0	4						FP
pORF+_2123944	2123944	2124240	297	+	1	0	1	1	1	7	7	7						FP
pORF+_2131703	2131703	2132068	366	+	2	0	1	1	1	3	3	3						FP
pORF+_2135860	2135860	2137509	1650	+	1	0	1	3	4	2	21	32	b2063	yegH	2135926	2137509	inside	
pORF+_2144000	2144000	2144119	120	+	2	0	1	1	1	2	2	2						FP
pORF+_2145635	2145635	2147050	1416	+	2	0	0	1	1	0	2	2	b2069	yegD	2145698	2147050	inside	
pORF+_2151893	2151893	2153287	1395	+	2	0	0	3	6	0	6	12	b2074	mdtA	2152040	2153287	inside	
pORF+_2153287	2153287	2156409	3123	+	1	0	0	1	2	0	2	4	b2075	mdtB	2153287	2156409	equal	
pORF+_2160900	2160900	2162303	1404	+	3	0	1	1	1	2	2	2	b2078	baeS	2160900	2162303	equal	
pORF+_2162300	2162300	2163022	723	+	2	2	3	5	8	14	19	25	b2079	baeR	2162300	2163022	equal	
pORF+_2163174	2163174	2163545	372	+	3	0	5	6	10	30	34	81	b2080	yegP	2163213	2163545	inside	
pORF+_2163692	2163692	2165053	1362	+	2	7	16	29	38	141	204	249	b2081	yegQ	2163692	2165053	equal	
pORF+_2166736	2166736	2167635	900	+	1	0	1	1	1	2	2	2	b2086	yegS	2166736	2167635	equal	
pORF+_2168251	2168251	2168559	309	+	1	0	0	5	10	0	10	35	b2088	insE	2168251	2168559	equal	
pORF+_2168556	2168556	2169422	867	+	3	0	0	0	5	0	0	10	b2089	insF	2168556	2169422	equal	
pORF+_2178117	2178117	2179121	1005	+	3	0	1	3	3	3	7	7	b2099	yegU	2178117	2179121	equal	
pORF+_2184306	2184306	2184479	174	+	3	0	1	1	1	2	2	2						FP
pORF+_2184802	2184802	2185320	519	+	1	1	1	1	2	0	0	3	b2107	yohN	2184982	2185320	inside	
pORF+_2192313	2192313	2194355	2043	+	3	25	47	79	112	340	511	685	b2114	metG	2192322	2194355	inside	
pORF+_2198301	2198301	2201933	3633	+	3	0	1	1	1	4	4	4	b2118	yehI	2198301	2201933	equal	
pORF+_2203576	2203576	2205996	2421	+	1	1	1	2	2	0	3	3	b2120	yehM	2203717	2205996	inside	
pORF+_2204303	2204303	2204539	237	+	2	0	1	1	1	2	2	2						FP
pORF+_2207098	2207098	2208966	1869	+	1	1	2	2	2	5	5	5	b2122	yehQ	2207122	2209122	contain	
pORF+_2214154	2214154	2214858	705	+	1	0	0	1	1	0	4	4						FP
pORF+_2220174	2220174	2221922	1749	+	3	1	10	25	37	75	136	178	b2133	dld	2220207	2221922	inside	
pORF+_2220481	2220481	2220630	150	+	1	0	2	2	2	6	6	6						FP
pORF+_2229866	2229866	2230750	885	+	2	10	12	20	28	59	88	127	b2143	cdd	2229866	2230750	equal	
pORF+_2230900	2230900	2231619	720	+	1	0	1	2	3	3	6	8	b2144	sanA	2230900	2231619	equal	
pORF+_2232055	2232055	2233293	1239	+	1	0	1	1	1	2	2	2	b2146	yehT	2232055	2233293	equal	

pORF+_2241932	2241932	2242768	837	+	2	0	0	7	12	0	20	37	b2154	yeiG	2241932	2242768	equal	
pORF+_2243289	2243289	2244140	852	+	3	0	0	1	1	0	5	5						FP
pORF+_2248862	2248862	2249719	858	+	2	0	5	10	15	10	25	38	b2159	nfo	2248862	2249719	equal	
pORF+_2249394	2249394	2249636	243	+	3	0	1	1	1	2	2	2						FP
pORF+_2252535	2252535	2252750	216	+	3	0	1	1	1	7	7	7						FP
pORF+_2252900	2252900	2253070	171	+	2	0	1	1	1	5	5	5						FP
pORF+_2263217	2263217	2264044	828	+	2	1	16	21	26	899	938	972	b2171	yeiP	2263472	2264044	inside	
pORF+_2265851	2265851	2266837	987	+	2	0	0	3	6	0	6	13	b2173	yeiR	2265851	2266837	equal	
pORF+_2268001	2268001	2268567	567	+	1	0	1	1	1	3	3	3	b2175	spr	2268001	2268567	equal	
pORF+_2270380	2270380	2272200	1821	+	1	2	3	3	8	5	5	19	b2177	yejA	2270386	2272200	inside	
pORF+_2272201	2272201	2273295	1095	+	1	0	1	1	1	2	2	2	b2178	yejB	2272201	2273295	equal	
pORF+_2274274	2274274	2275911	1638	+	1	1	1	2	2	0	2	2	b2180	yejF	2274322	2275911	inside	
pORF+_2278654	2278654	2280414	1761	+	1	0	0	1	1	0	2	2	b2184	yejH	2278654	2280414	equal	
pORF+_2280443	2280443	2280823	381	+	2	10	48	59	69	2014	2224	2439	b2185	rplY	2280539	2280823	inside	
pORF+_2282151	2282151	2282378	228	+	3	4	7	11	14	178	204	219	b2187	yejL	2282151	2282378	equal	
pORF+_2282398	2282398	2284158	1761	+	1	0	0	2	6	0	5	13	b2188	yejM	2282398	2284158	equal	
pORF+_2284885	2284885	2285184	300	+	1	0	1	1	1	4	4	4						FP
pORF+_2288492	2288492	2289169	678	+	2	0	2	4	4	35	41	41	b2193	narP	2288522	2289169	inside	
pORF+_2294163	2294163	2294390	228	+	3	0	0	0	1	0	0	4						FP
pORF+_2299361	2299361	2299504	144	+	2	0	1	1	1	2	2	2						FP
pORF+_2301906	2301906	2302415	510	+	3	4	5	5	5	2	2	2	b2209	eco	2301927	2302415	inside	
pORF+_2305682	2305682	2305837	156	+	2	0	1	1	1	7	7	7						FP
pORF+_2306971	2306971	2307069	99	+	1	0	0	1	1	0	2	2						FP
pORF+_2311510	2311510	2314182	2673	+	1	0	1	11	22	2	41	76	b2216	rcsD	2311510	2314182	equal	
pORF+_2314154	2314154	2314849	696	+	2	7	19	25	30	206	257	289	b2217	rcsB	2314199	2314849	inside	
pORF+_2319888	2319888	2321273	1386	+	3	0	1	1	1	4	4	4	b2220	atoC	2319888	2321273	equal	
pORF+_2322778	2322778	2324100	1323	+	1	0	1	1	1	2	2	2	b2223	atoE	2322778	2324100	equal	
pORF+_2324131	2324131	2325315	1185	+	1	0	1	1	1	2	2	2	b2224	atoB	2324131	2325315	equal	
pORF+_2329207	2329207	2329467	261	+	1	0	1	1	1	5	5	5						FP
pORF+_2337308	2337308	2337493	186	+	2	0	0	0	1	0	0	10						FP
pORF+_2337541	2337541	2338311	771	+	1	3	12	21	31	166	214	252	b2232	ubiG	2337589	2338311	inside	
pORF+_2337647	2337647	2337832	186	+	2	0	1	1	1	2	2	2						FP
pORF+_2342887	2342887	2345172	2286	+	1	20	27	49	69	42	167	278	b2234	nrdA	2342887	2345172	equal	
pORF+_2345175	2345175	2346536	1362	+	3	10	13	25	35	59	114	153	b2235	nrdB	2345406	2346536	inside	
pORF+_2350669	2350669	2352297	1629	+	1	0	7	7	9	53	53	63	b2241	glpA	2350669	2352297	equal	
pORF+_2352059	2352059	2353546	1488	+	2	0	4	4	5	15	15	18	b2242	glpB	2352287	2353546	inside	
pORF+_2356121	2356121	2356588	468	+	2	0	0	1	1	0	6	6						FP
pORF+_2363917	2363917	2365089	1173	+	1	0	1	1	4	2	2	8	b2253	arnB	2363950	2365089	inside	
pORF+_2368930	2368930	2370582	1653	+	1	0	1	1	1	2	2	2	b2257	arnT	2368930	2370582	equal	
pORF+_2370632	2370632	2371300	669	+	2	0	0	0	1	0	0	4	b2258	arnF	2370914	2371300	inside	
pORF+_2379612	2379612	2380547	936	+	3	0	1	6	9	42	54	63	b2268	rbn	2379630	2380547	inside	
pORF+_2380735	2380735	2381946	1212	+	1	0	1	1	1	19	19	19	b2269	elaD	2380735	2381946	equal	
pORF+_2405583	2405583	2406800	1218	+	3	0	7	12	14	73	87	91	b2290	yfbQ	2405583	2406800	equal	
pORF+_2406884	2406884	2407483	600	+	2	0	1	3	7	2	7	17	b2291	yfbR	2406884	2407483	equal	
pORF+_2409506	2409506	2409676	171	+	2	0	1	1	1	2	2	2						FP
pORF+_2411492	2411492	2412694	1203	+	2	23	49	66	85	1137	1257	1442	b2296	ackA	2411492	2412694	equal	

pORF+_2412769	2412769	2414913	2145	+	1	27	77	101	128	1584	1722	1890	b2297	pta	2412769	2414913	equal	
pORF+_2418643	2418643	2419290	648	+	1	0	0	0	1	0	0	2	b2302	yfcG	2418643	2419290	equal	
pORF+_2419347	2419347	2419709	363	+	3	4	11	17	21	217	248	265	b2303	folX	2419347	2419709	equal	
pORF+_2419730	2419730	2420623	894	+	2	0	3	5	11	17	23	42	b2304	yfcH	2419730	2420623	equal	
pORF+_2427004	2427004	2427774	771	+	1	0	0	0	1	0	0	5						FP
pORF+_2429089	2429089	2429520	432	+	1	0	1	1	1	2	2	2						FP
pORF+_2429608	2429608	2429682	75	+	1	0	1	1	1	2	2	2						FP
pORF+_2438302	2438302	2439537	1236	+	1	0	2	2	2	53	53	53						FP
pORF+_2439726	2439726	2441792	2067	+	3	0	0	3	6	0	11	24	b2324	mnmc	2439786	2441792	inside	
pORF+_2442076	2442076	2442279	204	+	1	0	1	1	1	2	2	2						FP
pORF+_2446628	2446628	2447179	552	+	2	0	1	2	4	4	8	14	b2331	yfcN	2446628	2447179	equal	
pORF+_2448552	2448552	2448629	78	+	3	0	0	0	1	0	0	2						FP
pORF+_2453012	2453012	2453548	537	+	2	0	1	1	1	2	2	2						FP
pORF+_2456756	2456756	2457169	414	+	2	0	1	1	1	3	3	3						FP
pORF+_2459322	2459322	2460668	1347	+	3	5	6	9	13	59	70	85	b2344	fadL	2459328	2460668	inside	
pORF+_2461034	2461034	2462092	1059	+	2	0	0	1	1	0	2	2	b2345	yfdF	2461034	2462092	equal	
pORF+_2463323	2463323	2464255	933	+	2	0	0	0	1	0	0	2	b2347	yfdC	2463323	2464255	equal	
pORF+_2464531	2464531	2465724	1194	+	1	0	1	1	1	2	2	2	b2349	intS	2464567	2465724	inside	
pORF+_2466236	2466236	2467156	921	+	2	1	5	6	7	15	27	37	b2351	yfdH	2466236	2467156	equal	
pORF+_2467153	2467153	2468484	1332	+	1	0	0	2	3	0	9	17	b2352	yfdI	2467153	2468484	equal	
pORF+_2472054	2472054	2472878	825	+	3	0	1	1	1	8	8	8	b2360	yfdQ	2472054	2472878	equal	
pORF+_2472469	2472469	2472621	153	+	1	0	1	1	1	19	19	19						FP
pORF+_2477224	2477224	2478552	1329	+	1	2	2	5	7	0	6	12	b2366	dsdA	2477224	2478552	equal	
pORF+_2481777	2481777	2482391	615	+	3	1	4	9	13	13	26	39	b2369	evgA	2481777	2482391	equal	
pORF+_2482396	2482396	2485989	3594	+	1	2	2	2	2	0	0	0	b2370	evgS	2482396	2485989	equal	
pORF+_2498387	2498387	2499139	753	+	2	0	0	0	3	0	0	6	b2381	ypdB	2498405	2499139	inside	
pORF+_2500243	2500243	2500491	249	+	1	0	0	0	1	0	0	2						FP
pORF+_2500709	2500709	2500873	165	+	2	0	1	1	1	4	4	4						FP
pORF+_2509072	2509072	2509431	360	+	1	0	0	1	2	0	21	42						FP
pORF+_2511025	2511025	2512266	1242	+	1	1	1	2	3	0	2	5	b2393	nupC	2511064	2512266	inside	
pORF+_2512347	2512347	2513465	1119	+	3	0	0	3	3	0	9	9	b2394	insL	2512353	2513465	inside	
pORF+_2516474	2516474	2516833	360	+	2	0	2	2	2	7	7	7	b2398	yfeC	2516489	2516833	inside	
pORF+_2524968	2524968	2525966	999	+	3	0	0	0	2	0	0	5	b2410	yfeH	2524968	2525966	equal	
pORF+_2527130	2527130	2527189	60	+	2	0	1	1	1	2	2	2						FP
pORF+_2529485	2529485	2530246	762	+	2	1	1	1	2	0	0	2	b2413	cysZ	2529485	2530246	equal	
pORF+_2530431	2530431	2531402	972	+	3	14	95	126	168	8794	10213	12269	b2414	cysK	2530431	2531402	equal	
pORF+_2531786	2531786	2532043	258	+	2	4	17	21	25	1611	1756	1959	b2415	ptsH	2531786	2532043	equal	
pORF+_2532088	2532088	2533815	1728	+	1	33	106	149	197	3202	3889	4600	b2416	ptsI	2532088	2533815	equal	
pORF+_2533856	2533856	2534365	510	+	2	9	51	63	80	3385	3830	4353	b2417	crr	2533856	2534365	equal	
pORF+_2534954	2534954	2535283	330	+	2	1	1	1	1	0	0	0						FP
pORF+_2542319	2542319	2542549	231	+	2	0	0	1	2	0	8	16						FP
pORF+_2543795	2543795	2544691	897	+	2	0	2	3	3	11	13	13	b2428	murQ	2543795	2544691	equal	
pORF+_2550374	2550374	2551243	870	+	2	0	0	5	8	0	16	24	b2435	amiA	2550374	2551243	equal	
pORF+_2551247	2551247	2552146	900	+	2	0	0	1	1	0	2	2	b2436	hemF	2551247	2552146	equal	
pORF+_2556793	2556793	2558088	1296	+	1	1	1	1	1	0	0	0	b2442	intZ	2556880	2558088	inside	
pORF+_2561984	2561984	2562394	411	+	2	0	0	2	3	0	4	9	b2449	yffR	2562002	2562394	inside	

pORF+_2562395	2562395	2563354	960	+	2	3	3	7	10	0	14	20	b2450	yffS	2562545	2563354	inside	
pORF+_2572556	2572556	2573101	546	+	2	0	1	1	1	3	3	3						FP
pORF+_2574393	2574393	2575307	915	+	3	0	0	0	1	0	0	6						FP
pORF+_2576688	2576688	2577638	951	+	3	14	34	49	68	176	684	909	b2464	talA	2576688	2577638	equal	
pORF+_2577595	2577595	2579661	2067	+	1	15	48	63	83	354	409	483	b2465	tktB	2577658	2579661	inside	
pORF+_2585617	2585617	2588730	3114	+	1	3	5	6	8	8	11	15	b2470	acrD	2585617	2588730	equal	
pORF+_2589269	2589269	2589625	357	+	2	1	2	4	6	12	23	35	b2471	yffB	2589269	2589625	equal	
pORF+_2589629	2589629	2590756	1128	+	2	3	5	11	16	5	19	34	b2472	dapE	2589629	2590756	equal	
pORF+_2596195	2596195	2596575	381	+	1	0	1	1	2	4	4	11						FP
pORF+_2597862	2597862	2598500	639	+	3	2	4	9	13	6	33	67	b2479	gcvR	2597928	2598500	inside	
pORF+_2598500	2598500	2598970	471	+	2	9	22	30	38	813	865	910	b2480	bcp	2598500	2598970	equal	
pORF+_2604373	2604373	2604942	570	+	1	0	0	1	1	0	5	5						
pORF+_2614116	2614116	2615579	1464	+	3	0	6	15	23	16	40	64	b2494	yfgC	2614116	2615579	equal	
pORF+_2615600	2615600	2615959	360	+	2	3	11	14	18	86	101	118	b2495	yfgD	2615600	2615959	equal	
pORF+_2618100	2618100	2619005	906	+	3	0	1	1	1	3	3	3						FP
pORF+_2619204	2619204	2620256	1053	+	3	8	22	34	46	421	521	613	b2499	purM	2619219	2620256	inside	
pORF+_2620256	2620256	2620894	639	+	2	2	10	14	18	104	115	129	b2500	purN	2620256	2620894	equal	
pORF+_2621060	2621060	2623132	2073	+	2	0	2	14	28	6	44	93	b2501	ppk	2621066	2623132	inside	
pORF+_2623098	2623098	2624678	1581	+	3	0	0	9	14	0	20	38	b2502	ppx	2623137	2624678	inside	
pORF+_2625314	2625314	2625463	150	+	2	0	1	1	1	2	2	2						FP
pORF+_2632254	2632254	2633624	1371	+	3	0	3	7	12	14	26	41	b2509	xseA	2632254	2633624	equal	
pORF+_2637336	2637336	2637737	402	+	3	0	1	1	1	2	2	2						FP
pORF+_2643807	2643807	2644127	321	+	3	0	1	1	1	2	2	2						FP
pORF+_2644898	2644898	2645248	351	+	2	0	1	1	1	2	2	2						FP
pORF+_2648876	2648876	2649040	165	+	2	0	1	1	1	2	2	2						FP
pORF+_2650357	2650357	2651361	1005	+	1	4	14	21	33	123	140	295	b2521	sseA	2650516	2651361	inside	
pORF+_2658776	2658776	2658988	213	+	2	0	1	1	1	2	2	2						FP
pORF+_2661464	2661464	2662267	804	+	2	18	40	48	57	588	620	652	b2533	suhB	2661464	2662267	equal	
pORF+_2663436	2663436	2664737	1302	+	3	0	0	0	2	0	0	5	b2535	csiE	2663457	2664737	inside	
pORF+_2668943	2668943	2669143	201	+	2	0	1	1	1	8	8	8						FP
pORF+_2670069	2670069	2671271	1203	+	3	0	1	1	1	2	2	2	b2542	hcaD	2670069	2671271	equal	
pORF+_2682237	2682237	2683526	1290	+	3	0	0	1	1	0	2	2						
pORF+_2683836	2683836	2685047	1212	+	3	0	3	9	13	23	64	80	b2552	hmp	2683857	2685047	inside	
pORF+_2692063	2692063	2693139	1077	+	1	0	1	1	1	5	5	5						FP
pORF+_2693823	2693823	2695379	1557	+	3	0	1	1	1	2	2	2	b2558	yfhD	2693823	2695379	equal	
pORF+_2696524	2696524	2696592	69	+	1	0	1	1	1	3	3	3						FP
pORF+_2696709	2696709	2697629	921	+	3	0	0	3	4	0	7	9	b2561	yfhH	2696781	2697629	inside	
pORF+_2708442	2708442	2710064	1623	+	3	8	11	17	21	10	30	43	b2574	nadB	2708442	2710064	equal	
pORF+_2710918	2710918	2712252	1335	+	1	3	14	29	41	131	191	236	b2576	srmB	2710918	2712252	equal	
pORF+_2714776	2714776	2715465	690	+	1	0	1	2	3	2	6	8	b2580	ung	2714776	2715465	equal	
pORF+_2716757	2716757	2717176	420	+	2	2	4	5	6	24	31	35	b2582	trxC	2716757	2717176	equal	
pORF+_2717975	2717975	2720635	2661	+	2	0	0	2	9	0	13	37	b2584	yfiQ	2717975	2720635	equal	
pORF+_2720746	2720746	2722104	1359	+	1	4	5	13	21	2	32	56	b2585	pssA	2720749	2722104	inside	
pORF+_2731156	2731156	2731623	468	+	1	0	1	1	1	2	2	2						FP
pORF+_2734168	2734168	2734905	738	+	1	12	23	32	36	130	166	184	b2595	bamD	2734168	2734905	equal	
pORF+_2735176	2735176	2735517	342	+	1	7	17	28	46	70	164	345	b2597	raiA	2735176	2735517	equal	

pORF+_2735767	2735767	2736927	1161	+	1	0	16	22	27	119	166	197	b2599	pheA	2735767	2736927	equal	
pORF+_2740405	2740405	2741631	1227	+	1	0	1	1	1	2	2	2	b2604	yfiN	2740405	2741631	equal	
pORF+_2741647	2741647	2742129	483	+	1	2	3	3	3	10	10	10	b2605	yfiB	2741647	2742129	equal	
pORF+_2745909	2745909	2746775	867	+	3	0	0	0	1	0	0	2	b2611	ypjD	2745984	2746775	inside	
pORF+_2746820	2746820	2748082	1263	+	2	0	1	1	1	2	2	2	b4461	yfjD	2746796	2748082	contain	
pORF+_2747850	2747850	2748026	177	+	3	0	0	0	1	0	0	3						FP
pORF+_2748853	2748853	2749731	879	+	1	0	0	2	2	0	4	4	b2615	nadK	2748853	2749731	equal	
pORF+_2751277	2751277	2751384	108	+	1	0	0	0	1	0	0	2						FP
pORF+_2751627	2751627	2751968	342	+	3	2	2	4	5	0	7	10	b2617	smpA	2751627	2751968	equal	
pORF+_2752918	2752918	2753400	483	+	1	2	2	5	8	0	9	19	b2620	smpB	2752918	2753400	equal	
pORF+_2757007	2757007	2758416	1410	+	1	1	2	2	2	2	2	2	b2625	yfiI	2757007	2758416	equal	
pORF+_2765726	2765726	2766595	870	+	2	0	1	1	1	3	3	3	b2632	yfjP	2765732	2766595	inside	
pORF+_2778082	2778082	2778231	150	+	1	0	0	1	1	0	5	5						FP
pORF+_2779420	2779420	2779713	294	+	1	0	1	1	1	5	5	5						FP
pORF+_2787938	2787938	2789272	1335	+	2	0	0	0	3	0	0	9	b2660	ygaF	2788004	2789272	inside	
pORF+_2789295	2789295	2790743	1449	+	3	0	22	32	54	283	313	495	b2661	gabD	2789295	2790743	equal	
pORF+_2790751	2790751	2792037	1287	+	1	0	18	25	45	212	230	336	b2662	gabT	2790757	2792037	inside	
pORF+_2795542	2795542	2796066	525	+	1	0	0	0	1	0	0	2	b2668	ygaP	2795542	2796066	equal	
pORF+_2798156	2798156	2798497	342	+	2	0	7	13	19	126	161	202	b2672	ygaM	2798156	2798497	equal	
pORF+_2798745	2798745	2798990	246	+	3	0	1	1	1	2	2	2	b2673	nrdH	2798745	2798990	equal	
pORF+_2799370	2799370	2801514	2145	+	1	0	1	1	1	6	6	6	b2675	nrdE	2799370	2801514	equal	
pORF+_2802564	2802564	2804039	1476	+	3	9	20	20	20	151	151	151	b2677	proV	2802837	2804039	inside	
pORF+_2805112	2805112	2806146	1035	+	1	10	15	15	16	135	135	138	b2679	proX	2805154	2806146	inside	
pORF+_2808792	2808792	2809322	531	+	3	2	11	18	26	191	261	309	b2684	mprA	2808792	2809322	equal	
pORF+_2809437	2809437	2810621	1185	+	3	2	5	13	22	18	52	83	b2685	emrA	2809449	2810621	inside	
pORF+_2813601	2813601	2814158	558	+	3	0	0	1	2	0	9	18						FP
pORF+_2815171	2815171	2815353	183	+	1	0	1	1	1	3	3	3						FP
pORF+_2817910	2817910	2818239	330	+	1	0	1	1	1	9	9	9						FP
pORF+_2823854	2823854	2824417	564	+	2	0	1	1	1	2	2	2	b2702	srlA	2823854	2824417	equal	
pORF+_2827069	2827069	2827842	774	+	1	0	0	0	1	0	0	4	b2707	srlR	2827069	2827842	equal	
pORF+_2827835	2827835	2828800	966	+	2	0	3	7	8	10	19	22	b2708	gutQ	2827835	2828800	equal	
pORF+_2833318	2833318	2833566	249	+	1	0	1	1	1	6	6	6						FP
pORF+_2835642	2835642	2836007	366	+	3	0	1	1	1	3	3	3						FP
pORF+_2847700	2847700	2848080	381	+	1	0	1	1	1	3	3	3						FP
pORF+_2848766	2848766	2848909	144	+	2	0	1	1	1	2	2	2						FP
pORF+_2849023	2849023	2849895	873	+	1	0	2	3	3	17	19	19	b2727	hypB	2849023	2849895	equal	
pORF+_2849859	2849859	2850158	300	+	3	0	0	1	1	0	2	2	b2728	hypC	2849886	2850158	inside	
pORF+_2851276	2851276	2852286	1011	+	1	0	1	1	1	2	2	2	b2730	hypE	2851318	2852286	inside	
pORF+_2852324	2852324	2854438	2115	+	2	0	1	2	2	2	5	5	b2731	fhlA	2852360	2854438	inside	
pORF+_2855115	2855115	2857676	2562	+	3	1	4	8	8	10	18	18	b2733	mutS	2855115	2857676	equal	
pORF+_2878110	2878110	2878226	117	+	3	0	1	1	1	12	12	12						FP
pORF+_2886964	2886964	2888016	1053	+	1	0	1	1	1	6	6	6						FP
pORF+_2889118	2889118	2889450	333	+	1	0	1	1	1	2	2	2						FP
pORF+_2889147	2889147	2889572	426	+	3	0	1	1	1	2	2	2						FP
pORF+_2896079	2896079	2896666	588	+	2	0	1	1	1	2	2	2						FP
pORF+_2899918	2899918	2901396	1479	+	1	0	1	1	1	3	3	3	b2776	ygcE	2899918	2901396	equal	

pORF+_3093120	3093120	3093824	705	+	3	6	11	19	25	10	54	109	b2951	yggS	3093120	3093824	equal	
pORF+_3094703	3094703	3095296	594	+	2	2	13	18	22	165	180	189	b2954	rdgB	3094703	3095296	equal	
pORF+_3095289	3095289	3096425	1137	+	3	0	1	2	3	3	5	7	b2955	yggW	3095289	3096425	equal	
pORF+_3102115	3102115	3102390	276	+	1	5	6	12	21	3	59	146	b2962	yggX	3102115	3102390	equal	
pORF+_3102452	3102452	3103534	1083	+	2	0	0	2	4	0	6	11	b2963	mltC	3102455	3103534	inside	
pORF+_3103688	3103688	3104992	1305	+	2	0	0	0	1	0	0	2	b2964	nupG	3103736	3104992	inside	
pORF+_3109688	3109688	3110005	318	+	2	0	1	1	1	3	3	3						FP
pORF+_3127096	3127096	3127257	162	+	1	0	0	1	1	0	4	4						FP
pORF+_3128200	3128200	3129216	1017	+	1	0	0	46	46	0	158	158	b2982	insH	3128200	3129216	equal	
pORF+_3136701	3136701	3137615	915	+	3	0	11	19	27	66	100	150	b2989	yghU	3136749	3137615	inside	
pORF+_3138167	3138167	3138406	240	+	2	0	1	1	1	9	9	9						FP
pORF+_3138403	3138403	3138609	207	+	1	0	1	1	1	2	2	2						FP
pORF+_3140013	3140013	3140963	951	+	3	0	2	2	2	16	16	16						FP
pORF+_3145919	3145919	3146959	1041	+	2	0	1	3	12	3	7	53	b3001	yghZ	3145919	3146959	equal	
pORF+_3147684	3147684	3148568	885	+	3	0	2	3	7	5	7	19	b3003	yghA	3147684	3148568	equal	
pORF+_3150123	3150123	3151445	1323	+	3	0	11	22	34	215	275	327	b3008	metC	3150258	3151445	inside	
pORF+_3151585	3151585	3152244	660	+	1	0	0	1	1	0	2	2	b3009	yghB	3151585	3152244	equal	
pORF+_3153353	3153353	3154540	1188	+	2	8	14	35	53	111	327	612	b3011	yqhD	3153377	3154540	inside	
pORF+_3153651	3153651	3153788	138	+	3	0	0	0	1	0	0	2						
pORF+_3154645	3154645	3155472	828	+	1	0	13	20	32	61	86	178	b3012	dkgA	3154645	3155472	equal	
pORF+_3156649	3156649	3156906	258	+	1	1	1	1	1	0	0	0	b3014	yqhH	3156649	3156906	equal	
pORF+_3157591	3157591	3158808	1218	+	1	0	0	0	1	0	0	3						FP
pORF+_3159869	3159869	3160051	183	+	2	1	1	1	1	0	0	0						FP
pORF+_3160297	3160297	3160422	126	+	1	0	1	1	1	13	13	13						FP
pORF+_3168506	3168506	3169855	1350	+	2	0	0	0	1	0	0	2	b3026	qseC	3168506	3169855	equal	
pORF+_3170552	3170552	3171133	582	+	2	2	7	14	19	20	43	55	b3028	mdaB	3170552	3171133	equal	
pORF+_3171164	3171164	3171478	315	+	2	1	6	9	11	297	309	319	b3029	ygiN	3171164	3171478	equal	
pORF+_3172139	3172139	3172333	195	+	2	0	1	1	1	9	9	9						FP
pORF+_3174065	3174065	3174241	177	+	2	0	1	1	1	3	3	3						FP
pORF+_3176098	3176098	3177618	1521	+	1	9	45	64	77	1585	1738	1794	b3035	tolC	3176137	3177618	inside	
pORF+_3177733	3177733	3178437	705	+	1	0	3	7	9	24	35	41	b3037	ygiB	3177766	3178437	inside	
pORF+_3178443	3178443	3179603	1161	+	3	0	0	4	7	0	16	24	b3038	ygiC	3178443	3179603	equal	
pORF+_3179706	3179706	3179867	162	+	3	0	0	1	2	0	37	74						FP
pORF+_3179902	3179902	3180144	243	+	1	0	1	1	1	2	2	2						FP
pORF+_3180530	3180530	3181345	816	+	2	0	1	1	1	2	2	2	b3040	zupT	3180572	3181345	inside	
pORF+_3182802	3182802	3183152	351	+	3	0	5	6	8	93	96	103	b3042	yqiC	3182862	3183152	inside	
pORF+_3183436	3183436	3183987	552	+	1	0	1	1	1	4	4	4	b3043	ygiL	3183436	3183987	equal	
pORF+_3190230	3190230	3190859	630	+	3	0	2	2	2	8	8	8	b3050	yqiJ	3190230	3190859	equal	
pORF+_3190886	3190886	3192547	1662	+	2	0	1	1	1	2	2	2	b3051	yqiK	3190886	3192547	equal	
pORF+_3194438	3194438	3194707	270	+	2	0	1	1	1	5	5	5						FP
pORF+_3195060	3195060	3195578	519	+	3	0	0	1	1	0	2	2						FP
pORF+_3199229	3199229	3199849	621	+	2	3	8	12	16	36	52	67	b3055	htrG	3199229	3199849	equal	
pORF+_3199913	3199913	3201151	1239	+	2	0	1	3	8	4	9	23	b3056	cca	3199913	3201151	equal	
pORF+_3208803	3208803	3209018	216	+	3	6	22	28	32	1049	1079	1103	b3065	rpsU	3208803	3209018	equal	
pORF+_3209129	3209129	3210874	1746	+	2	0	4	5	6	9	11	14	b3066	dnaG	3209129	3210874	equal	
pORF+_3211069	3211069	3212910	1842	+	1	11	46	71	88	820	962	1078	b3067	rpoD	3211069	3212910	equal	

pORF+_3214801	3214801	3215424	624	+	1	1	3	7	8	7	19	24	b3071	yqjI	3214801	3215424	equal	
pORF+_3217405	3217405	3218895	1491	+	1	0	0	0	8	0	0	25	b3073	ygjG	3217516	3218895	inside	
pORF+_3219488	3219488	3220471	984	+	2	0	1	3	4	3	8	10	b3075	ebgR	3219488	3220471	equal	
pORF+_3229687	3229687	3231705	2019	+	1	0	0	0	8	0	0	28	b3081	fadH	3229687	3231705	equal	
pORF+_3235315	3235315	3236319	1005	+	1	0	1	2	5	3	5	15	b3087	ygjR	3235333	3236319	inside	
pORF+_3237966	3237966	3239210	1245	+	3	0	0	3	5	0	10	15	b3089	sstT	3237966	3239210	equal	
pORF+_3244659	3244659	3245450	792	+	3	0	3	7	9	9	23	30	b3094	exuR	3244674	3245450	inside	
pORF+_3246976	3246976	3247359	384	+	1	0	3	3	6	9	9	19	b3097	yqjC	3246991	3247359	inside	
pORF+_3247397	3247397	3247702	306	+	2	3	29	32	35	1284	1304	1348	b3098	yqjD	3247397	3247702	equal	
pORF+_3249025	3249025	3250032	1008	+	1	0	0	3	10	0	9	31	b3102	yqjG	3249046	3250032	inside	
pORF+_3253059	3253059	3253229	171	+	3	0	1	1	1	31	31	31	b3107	yhaL	3253065	3253229	inside	
pORF+_3253931	3253931	3254623	693	+	2	0	1	1	1	2	2	2						FP
pORF+_3265846	3265846	3266415	570	+	1	0	0	1	1	0	2	2	b3120	yhaB	3265876	3266415	inside	
pORF+_3275024	3275024	3275359	336	+	2	0	0	1	5	0	2	12	b3129	sohA	3275024	3275359	equal	
pORF+_3276936	3276936	3278216	1281	+	3	2	4	4	4	48	48	48	b3132	kbaZ	3276936	3278216	equal	
pORF+_3281165	3281165	3282025	861	+	2	1	1	1	1	0	0	0	b3137	kbaY	3281165	3282025	equal	
pORF+_3283353	3283353	3284291	939	+	3	0	0	1	1	0	2	2	b3140	agaD	3283500	3284291	inside	
pORF+_3286761	3286761	3289352	2592	+	3	0	2	2	2	9	9	9	b3144	yraJ	3286836	3289352	inside	
pORF+_3291392	3291392	3293458	2067	+	2	9	20	29	37	151	191	217	b3147	yraM	3291422	3293458	inside	
pORF+_3293831	3293831	3294421	591	+	2	0	2	4	5	9	14	18	b3149	diaA	3293831	3294421	equal	
pORF+_3294431	3294431	3295006	576	+	2	4	11	16	21	102	117	143	b3150	yraP	3294431	3295006	equal	
pORF+_3296954	3296954	3297514	561	+	2	0	1	1	2	5	5	10	b3153	yhbO	3296996	3297514	inside	
pORF+_3301470	3301470	3302477	1008	+	3	0	1	2	4	2	4	8	b3160	yhbW	3301470	3302477	equal	
pORF+_3316659	3316659	3318002	1344	+	3	10	62	104	152	2819	3512	4297	b3172	argG	3316659	3318002	equal	
pORF+_3325812	3325812	3326105	294	+	3	2	9	10	11	64	66	68	b3180	yhbY	3325812	3326105	equal	
pORF+_3326985	3326985	3328418	1434	+	3	0	0	3	4	0	11	17	b3182	dacB	3326985	3328418	equal	
pORF+_3328706	3328706	3328939	234	+	2	0	1	1	1	2	2	2						FP
pORF+_3330378	3330378	3330638	261	+	3	0	0	0	1	0	0	4						FP
pORF+_3331111	3331111	3331680	570	+	1	0	0	0	1	0	0	3						FP
pORF+_3331732	3331732	3332703	972	+	1	2	12	19	23	95	121	140	b3187	ispB	3331732	3332703	equal	
pORF+_3333452	3333452	3333856	405	+	2	0	0	1	1	0	5	5						FP
pORF+_3337479	3337479	3337670	192	+	3	0	1	1	1	2	2	2						FP
pORF+_3338297	3338297	3339274	978	+	2	0	0	0	1	0	0	2	b3196	yrbG	3338297	3339274	equal	
pORF+_3339267	3339267	3340274	1008	+	3	0	3	11	18	95	155	198	b3197	kdsD	3339288	3340274	inside	
pORF+_3340295	3340295	3340861	567	+	2	3	7	7	7	37	37	37	b3198	kdsC	3340295	3340861	equal	
pORF+_3340858	3340858	3341433	576	+	1	0	0	2	2	0	4	4	b3199	yrbK	3340858	3341433	equal	
pORF+_3341381	3341381	3341959	579	+	2	0	4	7	11	29	40	58	b3200	lptA	3341402	3341959	inside	
pORF+_3341966	3341966	3342691	726	+	2	3	16	26	36	255	298	340	b3201	lptB	3341966	3342691	equal	
pORF+_3342739	3342739	3344172	1434	+	1	0	3	8	13	14	28	43	b3202	rpoN	3342739	3344172	equal	
pORF+_3344111	3344111	3344482	372	+	2	1	2	3	5	2	12	30	b3203	hpf	3344195	3344482	inside	
pORF+_3344576	3344576	3345091	516	+	2	4	11	13	16	104	112	129	b3204	ptsN	3344600	3345091	inside	
pORF+_3345137	3345137	3345991	855	+	2	0	6	15	25	42	74	115	b3205	yhbJ	3345137	3345991	equal	
pORF+_3345988	3345988	3346260	273	+	1	0	1	1	2	2	2	4	b3206	npr	3345988	3346260	equal	
pORF+_3346417	3346417	3347106	690	+	1	0	0	1	1	0	3	3	b3207	yrbL	3346474	3347106	inside	
pORF+_3352639	3352639	3357207	4569	+	1	42	88	178	268	672	1848	2953	b3212	gltB	3352654	3357207	inside	
pORF+_3355214	3355214	3355351	138	+	2	0	0	1	1	0	9	9						FP

pORF+_3357220	3357220	3358638	1419	+	1	13	64	101	133	2103	2430	2749	b3213	gltD	3357220	3358638	equal	
pORF+_3360811	3360811	3363210	2400	+	1	0	0	1	1	0	2	2	b3216	yhcD	3360829	3363210	inside	
pORF+_3364948	3364948	3365664	717	+	1	0	1	1	1	3	3	3	b3219	yhcF	3364948	3365664	equal	
pORF+_3370177	3370177	3370485	309	+	1	0	1	1	1	2	2	2						FP
pORF+_3372873	3372873	3374258	1386	+	3	0	0	0	1	0	0	2	b3227	dcuD	3372891	3374258	inside	
pORF+_3378207	3378207	3378611	405	+	3	0	9	16	20	261	288	311	b3233	yhcB	3378213	3378611	inside	
pORF+_3378723	3378723	3380132	1410	+	3	8	25	34	45	218	252	296	b3234	degQ	3378765	3380132	inside	
pORF+_3380222	3380222	3381289	1068	+	2	2	4	7	8	18	26	28	b3235	degS	3380222	3381289	equal	
pORF+_3382725	3382725	3383195	471	+	3	0	3	8	10	13	34	41	b3237	argR	3382725	3383195	equal	
pORF+_3383509	3383509	3383823	315	+	1	0	1	2	3	3	6	9	b3238	yhcN	3383560	3383823	inside	
pORF+_3385194	3385194	3385481	288	+	3	0	0	1	1	0	2	2						FP
pORF+_3386286	3386286	3386564	279	+	3	0	1	1	1	2	2	2						FP
pORF+_3387542	3387542	3388471	930	+	2	0	1	2	3	3	5	8	b3243	aaeR	3387542	3388471	equal	
pORF+_3390384	3390384	3390899	516	+	3	0	1	1	1	2	2	2						FP
pORF+_3393420	3393420	3393653	234	+	3	0	1	1	1	7	7	7						FP
pORF+_3397143	3397143	3397763	621	+	3	1	1	1	1	0	0	0						FP
pORF+_3397785	3397785	3397970	186	+	3	0	0	1	1	0	3	3						FP
pORF+_3400716	3400716	3400829	114	+	3	0	1	1	1	5	5	5						FP
pORF+_3401506	3401506	3402480	975	+	1	2	11	18	29	236	260	302	b3253	yhdH	3401506	3402480	equal	
pORF+_3403458	3403458	3403928	471	+	3	3	10	17	19	316	345	351	b3255	accB	3403458	3403928	equal	
pORF+_3403900	3403900	3405288	1389	+	1	21	51	70	88	740	855	953	b3256	accC	3403939	3405288	inside	
pORF+_3407092	3407092	3407973	882	+	1	2	4	7	9	5	12	17	b3259	prmA	3407092	3407973	equal	
pORF+_3408302	3408302	3409267	966	+	2	0	1	1	1	2	2	2	b3260	dusB	3408302	3409267	equal	
pORF+_3409293	3409293	3409589	297	+	3	4	8	10	12	271	293	301	b3261	fis	3409293	3409589	equal	
pORF+_3411886	3411886	3413043	1158	+	1	4	6	6	6	10	10	10	b3265	acrE	3411886	3413043	equal	
pORF+_3413055	3413055	3416159	3105	+	3	5	5	8	10	0	8	12	b3266	acrF	3413055	3416159	equal	
pORF+_3416412	3416412	3416633	222	+	3	0	0	0	1	0	0	2	b3267	yhdV	3416412	3416633	equal	
pORF+_3420458	3420458	3421216	759	+	2	2	2	2	2	0	0	0	b3271	yhdZ	3420458	3421216	equal	
pORF+_3427042	3427042	3427812	771	+	1	0	8	15	19	209	231	244	b3279	yrdA	3427258	3427812	inside	
pORF+_3428768	3428768	3429028	261	+	2	0	1	1	1	3	3	3						FP
pORF+_3429532	3429532	3429768	237	+	1	0	1	1	1	2	2	2						FP
pORF+_3431712	3431712	3432221	510	+	3	6	10	17	20	124	139	149	b3287	def	3431712	3432221	equal	
pORF+_3432236	3432236	3433183	948	+	2	11	14	18	26	79	98	126	b3288	fmt	3432236	3433183	equal	
pORF+_3433208	3433208	3434518	1311	+	2	2	4	7	10	49	57	65	b3289	rsmB	3433229	3434518	inside	
pORF+_3434540	3434540	3435916	1377	+	2	0	3	3	6	7	7	14	b3290	trkA	3434540	3435916	equal	
pORF+_3436046	3436046	3436456	411	+	2	0	0	0	1	0	0	3	b3291	mscL	3436046	3436456	equal	
pORF+_3441682	3441682	3442074	393	+	1	0	1	1	1	2	2	2						FP
pORF+_3449667	3449667	3450302	636	+	3	0	1	1	1	2	2	2						FP
pORF+_3456361	3456361	3457842	1482	+	1	0	1	1	1	3	3	3	b3326	gspE	3456361	3457842	equal	
pORF+_3464586	3464586	3464783	198	+	3	0	1	1	1	2	2	2						FP
pORF+_3475662	3475662	3475880	219	+	3	0	0	2	3	0	7	10	b3348	slyX	3475662	3475880	equal	
pORF+_3478140	3478140	3478421	282	+	3	0	1	1	1	2	2	2						FP
pORF+_3478268	3478268	3478729	462	+	2	0	1	1	1	2	2	2						FP
pORF+_3479311	3479311	3481224	1914	+	1	4	8	15	19	8	28	36	b3352	yheS	3479311	3481224	equal	
pORF+_3482240	3482240	3482458	219	+	2	0	1	1	1	6	6	6	b3354	yheU	3482240	3482458	equal	
pORF+_3482512	3482512	3483381	870	+	1	0	2	5	7	4	18	24	b3355	prkB	3482512	3483381	equal	

pORF+_3484142	3484142	3484774	633	+	2	11	26	38	51	444	509	572	b3357	crp	3484142	3484774	equal	
pORF+_3484785	3484785	3484982	198	+	3	0	1	1	1	2	2	2						FP
pORF+_3492033	3492033	3494576	2544	+	3	0	1	2	2	2	4	4	b3365	nirB	3492033	3494576	equal	
pORF+_3495850	3495850	3497223	1374	+	1	0	2	5	8	9	16	25	b3368	cysG	3495850	3497223	equal	
pORF+_3502008	3502008	3502805	798	+	3	0	0	1	2	0	3	5	b3375	frfR	3502074	3502805	inside	
pORF+_3505932	3505932	3506099	168	+	3	0	1	1	1	3	3	3						FP
pORF+_3506109	3506109	3506756	648	+	3	0	1	1	1	2	2	2						FP
pORF+_3508441	3508441	3508773	333	+	1	0	1	1	1	14	14	14						FP
pORF+_3520869	3520869	3523445	2577	+	3	2	5	12	18	9	23	40	b3396	mrcA	3520893	3523445	inside	
pORF+_3524491	3524491	3526626	2136	+	1	0	0	0	3	0	0	8	b3398	yrfF	3524491	3526626	equal	
pORF+_3527370	3527370	3527771	402	+	3	0	1	3	5	2	12	23	b3400	hslR	3527370	3527771	equal	
pORF+_3527790	3527790	3528674	885	+	3	7	9	16	20	5	118	135	b3401	hslO	3527796	3528674	inside	
pORF+_3528532	3528532	3528798	267	+	1	0	0	0	1	0	0	3						FP
pORF+_3530771	3530771	3532462	1692	+	2	22	55	71	98	1365	1427	1599	b3403	pck	3530840	3532462	inside	
pORF+_3533975	3533975	3534241	267	+	2	0	0	0	1	0	0	2						FP
pORF+_3535407	3535407	3537728	2322	+	3	16	37	64	84	366	474	554	b3407	yhgF	3535407	3537728	equal	
pORF+_3538417	3538417	3540750	2334	+	1	2	5	10	10	11	25	25	b3409	feoB	3538429	3540750	inside	
pORF+_3543646	3543646	3544221	576	+	1	7	13	21	26	265	313	348	b3414	gntY	3543646	3544221	equal	
pORF+_3544581	3544581	3545897	1317	+	3	1	1	1	1	0	0	0	b3415	gntT	3544581	3545897	equal	
pORF+_3547820	3547820	3549082	1263	+	2	0	0	1	1	0	2	2						FP
pORF+_3551107	3551107	3553812	2706	+	1	0	1	6	6	6	24	24	b3418	malT	3551107	3553812	equal	
pORF+_3553148	3553148	3553276	129	+	2	0	1	1	1	5	5	5						FP
pORF+_3560021	3560021	3561541	1521	+	2	6	62	63	66	1533	1535	1545	b3426	glpD	3560036	3561541	inside	
pORF+_3560583	3560583	3560666	84	+	3	0	1	1	1	2	2	2						FP
pORF+_3584966	3584966	3585406	441	+	2	0	1	4	15	5	17	78	b3448	yhhA	3584966	3585406	equal	
pORF+_3596007	3596007	3596390	384	+	3	0	1	2	2	5	7	7	b3459	yhhK	3596007	3596390	equal	
pORF+_3598268	3598268	3598489	222	+	2	0	0	1	1	0	4	4						FP
pORF+_3602416	3602416	3603012	597	+	1	0	2	2	2	5	5	5	b3465	rsmD	3602416	3603012	equal	
pORF+_3604474	3604474	3606672	2199	+	1	0	1	4	7	3	9	16	b3469	zntA	3604474	3606672	equal	
pORF+_3607924	3607924	3608535	612	+	1	4	10	15	19	115	141	171	b3472	dcrB	3607978	3608535	inside	
pORF+_3611690	3611690	3613264	1575	+	2	0	5	5	5	36	36	36	b3476	nikA	3611690	3613264	equal	
pORF+_3615799	3615799	3616605	807	+	1	1	2	2	2	3	3	3	b3480	nikE	3615799	3616605	equal	
pORF+_3616611	3616611	3617012	402	+	3	0	1	3	6	29	39	48	b3481	nikR	3616611	3617012	equal	
pORF+_3623826	3623826	3624377	552	+	3	0	1	1	1	10	10	10						FP
pORF+_3624666	3624666	3624899	234	+	3	0	0	1	1	0	8	8						FP
pORF+_3627269	3627269	3627499	231	+	2	0	0	1	2	0	4	8						FP
pORF+_3635665	3635665	3637164	1500	+	1	2	3	6	8	2	14	24	b3493	pitA	3635665	3637164	equal	
pORF+_3638134	3638134	3638568	435	+	1	4	22	34	45	1312	1556	1829	b3495	uspA	3638134	3638568	equal	
pORF+_3643357	3643357	3644250	894	+	1	4	8	11	14	17	24	33	b3499	yhiR	3643408	3644250	inside	
pORF+_3644322	3644322	3645674	1353	+	3	13	25	39	53	164	221	360	b3500	gor	3644322	3645674	equal	
pORF+_3645485	3645485	3645706	222	+	2	0	0	0	1	0	0	2						FP
pORF+_3646937	3646937	3648247	1311	+	2	0	1	1	1	7	7	7	b3502	arsB	3646958	3648247	inside	
pORF+_3648260	3648260	3648685	426	+	2	0	0	3	8	0	7	17	b3503	arsC	3648260	3648685	equal	
pORF+_3651951	3651951	3652550	600	+	3	2	4	7	13	16	36	102	b3506	slp	3651984	3652550	inside	
pORF+_3656311	3656311	3656916	606	+	1	0	0	0	1	0	0	4	b3512	gadE	3656389	3656916	inside	
pORF+_3657255	3657255	3658412	1158	+	3	2	4	5	14	33	39	70	b3513	mdtE	3657255	3658412	equal	

pORF_+_3658437	3658437	3661550	3114	+	3	4	5	5	7	2	2	8	b3514	mdtF	3658437	3661550	equal	
pORF_+_3664881	3664881	3665456	576	+	3	0	1	1	1	20	20	20						FP
pORF_+_3665817	3665817	3665987	171	+	3	0	0	0	1	0	0	2						FP
pORF_+_3668028	3668028	3668123	96	+	3	0	0	1	2	0	4	8						FP
pORF_+_3672809	3672809	3674131	1323	+	2	0	2	5	5	9	20	20	b3523	yhjE	3672809	3674131	equal	
pORF_+_3677094	3677094	3678371	1278	+	3	2	7	11	16	16	25	36	b3526	kdgK	3677442	3678371	inside	
pORF_+_3690278	3690278	3690940	663	+	2	0	1	1	1	5	5	5						FP
pORF_+_3694481	3694481	3696052	1572	+	2	0	0	1	1	0	2	2	b3536	bcsE	3694481	3696052	equal	
pORF_+_3696237	3696237	3697916	1680	+	3	0	4	7	8	27	44	46	b3538	bcsG	3696237	3697916	equal	
pORF_+_3702260	3702260	3702454	195	+	2	0	1	1	1	18	18	18						FP
pORF_+_3712930	3712930	3714030	1101	+	1	0	0	1	1	0	2	2						FP
pORF_+_3714570	3714570	3715229	660	+	3	5	5	9	12	0	11	20	b3552	viaD	3714570	3715229	equal	
pORF_+_3715321	3715321	3716307	987	+	1	4	23	34	46	323	388	458	b3553	ghrB	3715333	3716307	inside	
pORF_+_3718072	3718072	3718284	213	+	1	12	14	15	15	15	19	19	b3556	cspA	3718072	3718284	equal	
pORF_+_3719221	3719221	3720072	852	+	1	0	1	1	1	2	2	2	b3558	insK	3719221	3720072	equal	
pORF_+_3726051	3726051	3726458	408	+	3	0	0	0	1	0	0	3						FP
pORF_+_3726377	3726377	3726610	234	+	2	0	1	1	1	7	7	7						FP
pORF_+_3729076	3729076	3730146	1071	+	1	0	1	1	6	2	2	22	b3566	xyIF	3729154	3730146	inside	
pORF_+_3737623	3737623	3738981	1359	+	1	1	4	10	13	24	52	68	b3572	avtA	3737728	3738981	inside	
pORF_+_3744117	3744117	3745103	987	+	3	0	2	2	2	6	6	6	b3579	viaO	3744117	3745103	equal	
pORF_+_3746600	3746600	3747262	663	+	2	0	1	1	1	2	2	2	b3581	sgbH	3746600	3747262	equal	
pORF_+_3747604	3747604	3747699	96	+	1	0	0	1	1	0	5	5						FP
pORF_+_3749173	3749173	3749307	135	+	1	0	1	1	1	2	2	2						FP
pORF_+_3764345	3764345	3765202	858	+	2	0	1	1	1	4	4	4	b3594	yibA	3764360	3765202	inside	
pORF_+_3766986	3766986	3767279	294	+	3	0	1	1	1	2	2	2	b4651	yibW	3766915	3767279	contain_f3	
pORF_+_3770304	3770304	3772217	1914	+	3	3	16	26	44	227	258	393	b3599	mtIA	3770304	3772217	equal	
pORF_+_3772129	3772129	3773595	1467	+	1	7	35	49	66	642	773	995	b3600	mtID	3772447	3773595	inside	
pORF_+_3774688	3774688	3775050	363	+	1	2	15	18	22	300	314	336	b3602	yibL	3774688	3775050	equal	
pORF_+_3775395	3775395	3777077	1683	+	3	0	1	1	1	2	2	2	b3603	lldP	3775422	3777077	inside	
pORF_+_3777850	3777850	3779040	1191	+	1	0	23	27	37	466	484	527	b3605	lldD	3777850	3779040	equal	
pORF_+_3779238	3779238	3779711	474	+	3	0	0	0	1	0	0	3	b3606	yibK	3779238	3779711	equal	
pORF_+_3783139	3783139	3784827	1689	+	1	13	45	64	80	954	1252	1476	b3612	gpmM	3783283	3784827	inside	
pORF_+_3784837	3784837	3786120	1284	+	1	0	1	2	4	2	4	11	b3613	envC	3784861	3786120	inside	
pORF_+_3786124	3786124	3787083	960	+	1	0	0	0	2	0	0	4	b3614	yibQ	3786124	3787083	equal	
pORF_+_3792010	3792010	3792942	933	+	1	20	39	57	77	633	722	851	b3619	rfaD	3792010	3792942	equal	
pORF_+_3792952	3792952	3793998	1047	+	1	2	4	8	11	10	21	30	b3620	rfaF	3792952	3793998	equal	
pORF_+_3794971	3794971	3796230	1260	+	1	0	1	1	2	3	3	5	b3622	rfaL	3794971	3796230	equal	
pORF_+_3806563	3806563	3807840	1278	+	1	2	2	6	9	0	13	21	b3633	waaA	3806563	3807840	equal	
pORF_+_3807680	3807680	3808327	648	+	2	0	1	5	8	2	12	25	b3634	coaD	3807848	3808327	inside	
pORF_+_3810682	3810682	3811974	1293	+	1	2	13	22	31	122	167	202	b3639	dfp	3810754	3811974	inside	
pORF_+_3811952	3811952	3812410	459	+	2	4	11	17	21	243	273	289	b3640	dut	3811955	3812410	inside	
pORF_+_3812475	3812475	3813113	639	+	3	0	1	4	5	3	20	24	b3641	slmA	3812517	3813113	inside	
pORF_+_3814699	3814699	3815562	864	+	1	10	24	34	42	258	289	321	b3644	yicC	3814699	3815562	equal	
pORF_+_3816843	3816843	3817514	672	+	3	0	0	0	1	0	0	2	b3646	yicG	3816897	3817514	inside	
pORF_+_3819394	3819394	3820074	681	+	1	4	15	20	27	103	116	136	b3648	gmk	3819451	3820074	inside	
pORF_+_3820129	3820129	3820404	276	+	1	9	21	27	34	342	383	419	b3649	rpoZ	3820129	3820404	equal	

pORF+_3820423	3820423	3822531	2109	+	1	2	4	9	17	4	19	42	b3650	spoT	3820423	3822531	equal	
pORF+_3822538	3822538	3823227	690	+	1	0	1	3	4	2	7	9	b3651	trmH	3822538	3823227	equal	
pORF+_3823200	3823200	3825314	2115	+	3	0	0	5	7	0	14	19	b3652	recG	3823233	3825314	inside	
pORF+_3826959	3826959	3828359	1401	+	3	0	0	2	4	0	6	10	b3654	yicE	3826968	3828359	inside	
pORF+_3828456	3828456	3830189	1734	+	3	0	0	8	15	0	21	50	b3655	yicH	3828480	3830189	inside	
pORF+_3841987	3841987	3843753	1767	+	1	0	0	2	2	0	4	4	b3665	ade	3841987	3843753	equal	
pORF+_3865676	3865676	3866083	408	+	2	0	2	2	2	6	6	6	b3688	yidQ	3865751	3866083	inside	
pORF+_3865977	3865977	3866180	204	+	3	0	1	1	1	2	2	2						FP
pORF+_3877508	3877508	3877711	204	+	2	0	1	1	1	2	2	2						FP
pORF+_3880449	3880449	3880595	147	+	3	0	1	1	1	2	2	2						FP
pORF+_3882359	3882359	3882499	141	+	2	2	5	6	7	130	132	134	b3703	rpmH	3882359	3882499	equal	
pORF+_3882516	3882516	3882875	360	+	3	0	6	8	10	32	37	42	b3704	rnpA	3882516	3882875	equal	
pORF+_3883099	3883099	3884745	1647	+	1	6	9	25	38	32	169	316	b3705	yidC	3883099	3884745	equal	
pORF+_3884851	3884851	3886215	1365	+	1	0	7	14	19	63	85	102	b3706	mnmE	3884851	3886215	equal	
pORF+_3886738	3886738	3888168	1431	+	1	15	18	19	20	14	17	19	b3708	tnaA	3886753	3888168	inside	
pORF+_3892675	3892675	3893241	567	+	1	4	13	19	24	140	165	203	b3713	yieF	3892675	3893241	equal	
pORF+_3894797	3894797	3895462	666	+	2	0	0	1	1	0	2	2	b3715	yieH	3894797	3895462	equal	
pORF+_3906560	3906560	3907198	639	+	2	0	0	0	1	0	0	2						FP
pORF+_3925178	3925178	3926170	993	+	2	9	22	31	31	281	318	318	b3744	asnA	3925178	3926170	equal	
pORF+_3926905	3926905	3927039	135	+	1	0	1	1	1	2	2	2						FP
pORF+_3929339	3929339	3931207	1869	+	2	0	1	3	3	3	7	7	b3747	kup	3929339	3931207	equal	
pORF+_3931338	3931338	3931793	456	+	3	4	7	8	10	28	30	36	b3748	rbsD	3931374	3931793	inside	
pORF+_3931801	3931801	3933306	1506	+	1	0	0	4	9	0	11	24	b3749	rbsA	3931801	3933306	equal	
pORF+_3932087	3932087	3932269	183	+	2	0	1	1	1	2	2	2						FP
pORF+_3934295	3934295	3935191	897	+	2	14	58	70	88	1420	1471	1563	b3751	rbsB	3934301	3935191	inside	
pORF+_3935290	3935290	3936246	957	+	1	5	10	16	22	149	166	200	b3752	rbsK	3935317	3936246	inside	
pORF+_3936250	3936250	3937242	993	+	1	2	2	2	2	0	0	0	b3753	rbsR	3936250	3937242	equal	
pORF+_3937929	3937929	3938096	168	+	3	0	1	1	1	2	2	2						FP
pORF+_3938115	3938115	3938255	141	+	3	0	1	1	1	2	2	2						FP
pORF+_3946109	3946109	3946447	339	+	2	7	19	28	36	470	521	572	b3764	yifE	3946109	3946447	equal	
pORF+_3948583	3948583	3949566	984	+	1	0	1	11	11	2	46	46	b4488	ilvG	3948583	3950227	contain	
pORF+_3949646	3949646	3950227	582	+	2	1	1	1	1	0	0	0	b4488	ilvG	3948583	3950227	contain_f2	
pORF+_3950441	3950441	3951436	996	+	2	4	21	32	46	453	510	593	b3770	ilvE	3950507	3951436	inside	
pORF+_3951501	3951501	3953351	1851	+	3	2	25	41	55	411	462	509	b3771	ilvD	3951501	3953351	equal	
pORF+_3953354	3953354	3954898	1545	+	2	0	3	13	21	10	42	67	b3772	ilvA	3953354	3954898	equal	
pORF+_3955858	3955858	3957468	1611	+	1	11	125	186	241	7525	9397	10430	b3774	ilvC	3955993	3957468	inside	
pORF+_3958649	3958649	3960721	2073	+	2	0	0	3	6	0	10	20	b3778	rep	3958700	3960721	inside	
pORF+_3963679	3963679	3964113	435	+	1	5	23	29	35	804	853	888	b3781	trxA	3963784	3964113	inside	
pORF+_3964368	3964368	3965699	1332	+	3	28	96	119	147	3864	4163	4537	b3783	rho	3964440	3965699	inside	
pORF+_3967051	3967051	3968100	1050	+	1	0	10	16	21	57	71	87	b3785	wzzE	3967054	3968100	inside	
pORF+_3968114	3968114	3969286	1173	+	2	5	7	13	18	10	29	43	b3786	rffE	3968156	3969286	inside	
pORF+_3969283	3969283	3970545	1263	+	1	2	2	5	6	0	7	11	b3787	rffD	3969283	3970545	equal	
pORF+_3970545	3970545	3971612	1068	+	3	2	4	12	20	6	29	53	b3788	rffG	3970545	3971612	equal	
pORF+_3971631	3971631	3972512	882	+	3	6	8	13	16	60	70	79	b3789	rffH	3971631	3972512	equal	
pORF+_3973169	3973169	3974299	1131	+	2	0	0	6	14	0	15	38	b3791	rffA	3973169	3974299	equal	
pORF+_3974301	3974301	3975551	1251	+	3	0	0	1	1	0	2	2	b3792	wzxE	3974301	3975551	equal	

pORF+_3975548	3975548	3976627	1080	+	2	0	0	1	2	0	3	6	b4481	rffT	3975548	3976627	equal	
pORF+_3976624	3976624	3977976	1353	+	1	0	1	1	1	5	5	5	b3793	wzyE	3976624	3977976	equal	
pORF+_3977166	3977166	3977390	225	+	3	0	1	1	1	2	2	2						FP
pORF+_3977979	3977979	3978719	741	+	3	0	0	1	2	0	2	5	b3794	rffM	3977979	3978719	equal	
pORF+_3978801	3978801	3978875	75	+	3	0	0	0	1	0	0	4						FP
pORF+_3985054	3985054	3985272	219	+	1	0	0	0	1	0	0	2						FP
pORF+_3986293	3986293	3986457	165	+	1	0	1	1	1	2	2	2						FP
pORF+_3987790	3987790	3987978	189	+	1	0	0	1	1	0	2	2						FP
pORF+_3989176	3989176	3991722	2547	+	1	0	1	7	8	3	20	22	b3806	cyaA	3989176	3991722	equal	
pORF+_3992545	3992545	3992748	204	+	1	0	1	2	3	3	13	26	b4558	yifL	3992545	3992748	equal	
pORF+_3992782	3992782	3993609	828	+	1	0	1	6	10	16	45	61	b3809	dapF	3992785	3993609	inside	
pORF+_3993606	3993606	3994313	708	+	3	0	3	4	4	37	39	39	b3810	yigA	3993606	3994313	equal	
pORF+_3994310	3994310	3995206	897	+	2	0	1	2	2	16	18	18	b3811	xerC	3994310	3995206	equal	
pORF+_3995206	3995206	3995922	717	+	1	0	2	7	12	12	27	44	b3812	yigB	3995206	3995922	equal	
pORF+_3995817	3995817	3998168	2352	+	3	2	3	7	9	4	13	20	b3813	uvrD	3996006	3998168	inside	
pORF+_3995965	3995965	3996144	180	+	1	0	1	1	1	2	2	2						FP
pORF+_3998371	3998371	3998520	150	+	1	0	1	1	1	8	8	8						FP
pORF+_3999434	3999434	4000399	966	+	2	2	2	9	16	0	31	54	b3816	corA	3999449	4000399	inside	
pORF+_4002885	4002885	4003754	870	+	3	0	0	2	3	0	4	6	b3821	pIdA	4002885	4003754	equal	
pORF+_4003881	4003881	4005716	1836	+	3	0	1	1	1	2	2	2	b3822	recQ	4003887	4005716	inside	
pORF+_4004686	4004686	4005045	360	+	1	0	0	0	1	0	0	2						FP
pORF+_4007193	4007193	4008215	1023	+	3	0	0	0	2	0	0	5	b3825	pIdB	4007193	4008215	equal	
pORF+_4008097	4008097	4009023	927	+	1	1	4	11	18	9	30	52	b3826	yigL	4008223	4009023	inside	
pORF+_4011076	4011076	4013337	2262	+	1	13	171	258	310	11407	15713	16681	b3829	metE	4011076	4013337	equal	
pORF+_4012292	4012292	4012627	336	+	2	0	1	1	1	2	2	2						FP
pORF+_4014448	4014448	4015215	768	+	1	11	22	32	44	345	482	780	b3831	udp	4014454	4015215	inside	
pORF+_4015356	4015356	4016783	1428	+	3	1	1	1	3	0	0	4	b3832	rmuC	4015356	4016783	equal	
pORF+_4016878	4016878	4017633	756	+	1	7	20	30	36	382	422	437	b3833	ubiE	4016878	4017633	equal	
pORF+_4017602	4017602	4018252	651	+	2	0	2	3	3	15	22	22	b3834	yigP	4017647	4018252	inside	
pORF+_4018249	4018249	4019889	1641	+	1	0	0	0	1	0	0	3	b3835	ubiB	4018249	4019889	equal	
pORF+_4019926	4019926	4020237	312	+	1	3	11	16	23	97	110	128	b3836	tatA	4019968	4020237	inside	
pORF+_4020241	4020241	4020756	516	+	1	1	2	4	7	8	16	24	b3838	tatB	4020241	4020756	equal	
pORF+_4023011	4023011	4024504	1494	+	2	5	6	14	24	11	50	95	b3843	ubiD	4023011	4024504	equal	
pORF+_4024517	4024517	4025251	735	+	2	2	5	11	15	10	27	43	b3844	fre	4024550	4025251	inside	
pORF+_4029184	4029184	4030515	1332	+	1	9	23	36	48	155	232	314	b3847	pepQ	4029184	4030515	equal	
pORF+_4031168	4031168	4032619	1452	+	2	0	0	1	1	0	3	3	b3849	trkH	4031168	4032619	equal	
pORF+_4032631	4032631	4033176	546	+	1	0	2	7	10	15	29	38	b3850	hemG	4032631	4033176	equal	
pORF+_4040062	4040062	4040361	300	+	1	3	9	19	28	118	205	287	b3858	yihD	4040092	4040361	inside	
pORF+_4040438	4040438	4041424	987	+	2	0	0	2	5	0	5	13	b3859	rdoA	4040438	4041424	equal	
pORF+_4041441	4041441	4042067	627	+	3	8	12	15	18	38	48	58	b3860	dsbA	4041441	4042067	equal	
pORF+_4044005	4044005	4044154	150	+	2	0	0	0	1	0	0	4						FP
pORF+_4044989	4044989	4047775	2787	+	2	13	31	54	74	156	246	342	b3863	polA	4044989	4047775	equal	
pORF+_4046524	4046524	4046610	87	+	1	0	1	1	1	2	2	2						FP
pORF+_4049307	4049307	4049879	573	+	3	3	5	11	15	25	40	55	b3866	yihI	4049370	4049879	inside	
pORF+_4050062	4050062	4051441	1380	+	2	0	2	7	13	11	26	40	b3867	hemN	4050068	4051441	inside	
pORF+_4052750	4052750	4053145	396	+	2	0	0	0	1	0	0	2						FP

pORF_+_4056430	4056430	4058253	1824	+	1	22	73	94	118	2552	2753	2970	b3871	typA	4056430	4058253	equal	
pORF_+_4057250	4057250	4057276	27	+	2	0	0	0	1	0	0	4					equal	FP
pORF_+_4059188	4059188	4060168	981	+	2	0	0	0	1	0	0	3	b3873	yihM	4059188	4060168	equal	
pORF_+_4070836	4070836	4071195	360	+	1	0	1	1	1	3	3	3					equal	FP
pORF_+_4072668	4072668	4073477	810	+	3	0	0	2	4	0	6	17	b3884	yihW	4072692	4073477	inside	
pORF_+_4073555	4073555	4074175	621	+	2	0	0	2	5	0	9	28	b3885	yihX	4073576	4074175	inside	
pORF_+_4075038	4075038	4075475	438	+	3	0	1	1	2	4	4	9	b3887	dtd	4075038	4075475	equal	
pORF_+_4075472	4075472	4076461	990	+	2	0	1	7	12	2	18	30	b3888	yiiD	4075472	4076461	equal	
pORF_+_4084039	4084039	4084872	834	+	1	1	1	2	3	0	10	16	b3895	fdhD	4084039	4084872	equal	
pORF_+_4098827	4098827	4099453	627	+	2	16	58	71	84	1763	1847	1926	b3908	sodA	4098833	4099453	inside	
pORF_+_4100815	4100815	4101519	705	+	1	3	5	7	10	6	11	28	b3910	yiiM	4100845	4101519	inside	
pORF_+_4102761	4102761	4103000	240	+	3	0	0	1	1	0	6	6					equal	FP
pORF_+_4103840	4103840	4104343	504	+	2	0	0	4	7	0	15	24	b4484	cpXP	4103843	4104343	inside	
pORF_+_4104474	4104474	4105394	921	+	3	0	0	1	2	0	3	5	b3915	fieF	4104492	4105394	inside	
pORF_+_4105479	4105479	4106537	1059	+	3	13	31	46	60	608	829	1080	b3916	pfkA	4105575	4106537	inside	
pORF_+_4106857	4106857	4107846	990	+	1	0	11	15	18	113	131	139	b3917	sbp	4106857	4107846	equal	
pORF_+_4107761	4107761	4108708	948	+	2	0	0	0	1	0	0	2	b3918	cdh	4107953	4108708	inside	
pORF_+_4110990	4110990	4111289	300	+	3	0	0	4	8	0	9	144	b3922	yiiS	4110990	4111289	equal	
pORF_+_4111316	4111316	4111744	429	+	2	0	4	6	10	121	139	341	b3923	uspD	4111316	4111744	equal	
pORF_+_4112920	4112920	4113405	486	+	1	0	0	0	1	0	0	2					equal	FP
pORF_+_4116520	4116520	4116783	264	+	1	5	19	27	33	476	571	664	b3928	yiiU	4116538	4116783	inside	
pORF_+_4122581	4122581	4122946	366	+	2	0	1	1	1	9	9	9					equal	FP
pORF_+_4125036	4125036	4125248	213	+	3	8	21	23	25	118	156	162	b3936	rpmE	4125036	4125248	equal	
pORF_+_4126518	4126518	4127855	1338	+	3	0	18	32	42	553	612	716	b3939	metB	4126695	4127855	inside	
pORF_+_4127858	4127858	4130290	2433	+	2	3	9	31	47	43	151	214	b3940	metL	4127858	4130290	equal	
pORF_+_4130639	4130639	4131529	891	+	2	0	19	37	54	421	685	764	b3941	metF	4130639	4131529	equal	
pORF_+_4131819	4131819	4134038	2220	+	3	20	50	80	108	667	879	1149	b3942	katG	4131858	4134038	inside	
pORF_+_4136746	4136746	4136904	159	+	1	0	0	1	1	0	2	2					equal	FP
pORF_+_4143447	4143447	4143608	162	+	3	0	1	1	1	2	2	2					equal	FP
pORF_+_4153024	4153024	4154028	1005	+	1	0	4	16	25	18	101	145	b3958	argC	4153024	4154028	equal	
pORF_+_4154003	4154003	4154812	810	+	2	0	18	29	37	273	339	383	b3959	argB	4154036	4154812	inside	
pORF_+_4154873	4154873	4156246	1374	+	2	0	23	46	66	1218	1511	1715	b3960	argH	4154873	4156246	equal	
pORF_+_4156483	4156483	4157430	948	+	1	2	7	13	20	214	241	270	b3961	oxyR	4156513	4157430	inside	
pORF_+_4159051	4159051	4159794	744	+	1	0	2	5	7	19	28	34	b3963	fabR	4159147	4159794	inside	
pORF_+_4161617	4161617	4163506	1890	+	2	7	9	25	40	7	67	118	b3966	btuB	4161662	4163506	inside	
pORF_+_4163439	4163439	4164308	870	+	3	0	2	4	7	4	11	21	b3967	murI	4163451	4164308	inside	
pORF_+_4170080	4170080	4171108	1029	+	2	2	3	5	5	2	7	7	b3972	murB	4170080	4171108	equal	
pORF_+_4171105	4171105	4172070	966	+	1	0	0	2	2	0	4	4	b3973	birA	4171105	4172070	equal	
pORF_+_4173967	4173967	4175151	1185	+	1	36	434	568	727	42974	52620	63487	b3980	tufB	4173967	4175151	equal	
pORF_+_4175381	4175381	4175764	384	+	2	0	0	1	2	0	2	4	b3981	secE	4175381	4175764	equal	
pORF_+_4175766	4175766	4176311	546	+	3	8	33	43	54	1492	1541	1592	b3982	nusG	4175766	4176311	equal	
pORF_+_4176470	4176470	4176898	429	+	2	7	55	60	67	4575	4681	4760	b3983	rplK	4176470	4176898	equal	
pORF_+_4176902	4176902	4177606	705	+	2	20	121	142	168	7941	8735	9599	b3984	rplA	4176902	4177606	equal	
pORF_+_4178019	4178019	4178516	498	+	3	10	80	94	110	6001	6180	6344	b3985	rplJ	4178019	4178516	equal	
pORF_+_4178583	4178583	4178948	366	+	3	11	70	86	104	5457	7456	8906	b3986	rplL	4178583	4178948	equal	
pORF_+_4179235	4179235	4183296	4062	+	1	73	244	322	397	7817	8621	9380	b3987	rpoB	4179268	4183296	inside	

pORF+_4183373	4183373	4187596	4224	+	2	77	233	320	399	8226	8836	9387	b3988	rpoC	4183373	4187596	equal	
pORF+_4185978	4185978	4186163	186	+	3	0	1	1	1	2	2	2						FP
pORF+_4194926	4194926	4195699	774	+	2	0	0	4	6	0	13	17	b3996	nudC	4194926	4195699	equal	
pORF+_4195739	4195739	4196803	1065	+	2	3	9	18	23	47	77	100	b3997	hemE	4195739	4196803	equal	
pORF+_4196807	4196807	4197484	678	+	2	0	0	1	1	0	2	2	b3998	nfi	4196813	4197484	inside	
pORF+_4197527	4197527	4198117	591	+	2	3	3	5	6	0	4	7	b3999	yjaG	4197527	4198117	equal	
pORF+_4198304	4198304	4198576	273	+	2	9	44	51	63	4894	5493	6480	b4000	hupA	4198304	4198576	equal	
pORF+_4202779	4202779	4203645	867	+	1	0	1	1	1	2	2	2						FP
pORF+_4203840	4203840	4205426	1587	+	3	0	1	1	1	3	3	3						FP
pORF+_4203985	4203985	4204257	273	+	1	0	0	1	1	0	2	2						FP
pORF+_4211221	4211221	4211640	420	+	1	0	1	1	1	10	10	10	b4011	yjaA	4211257	4211640	inside	
pORF+_4212303	4212303	4213232	930	+	3	0	5	18	25	86	171	383	b4013	metA	4212303	4213232	equal	
pORF+_4213483	4213483	4215102	1620	+	1	0	38	73	113	1044	1876	2657	b4014	aceB	4213501	4215102	inside	
pORF+_4215117	4215117	4216436	1320	+	3	0	55	102	165	4495	5547	7560	b4015	aceA	4215132	4216436	inside	
pORF+_4216619	4216619	4218355	1737	+	2	0	0	1	2	0	2	4	b4016	aceK	4216619	4218355	equal	
pORF+_4221830	4221830	4225534	3705	+	2	2	15	44	62	85	198	247	b4019	metH	4221851	4225534	inside	
pORF+_4225754	4225754	4227385	1632	+	2	0	0	2	5	0	9	16	b4020	yjbB	4225754	4227385	equal	
pORF+_4228377	4228377	4229249	873	+	3	0	1	2	2	3	5	5	b4022	rluF	4228377	4229249	equal	
pORF+_4231775	4231775	4233430	1656	+	2	28	59	90	128	540	828	1210	b4025	pgi	4231781	4233430	inside	
pORF+_4237509	4237509	4237673	165	+	3	0	1	1	1	3	3	3						FP
pORF+_4244717	4244717	4245922	1206	+	2	3	5	7	9	17	22	30	b4035	malK	4244807	4245922	inside	
pORF+_4245994	4245994	4247334	1341	+	1	3	4	4	4	2	2	2	b4036	lamB	4245994	4247334	equal	
pORF+_4247159	4247159	4247356	198	+	2	0	0	0	1	0	0	2						FP
pORF+_4247568	4247568	4248497	930	+	3	3	10	10	14	94	94	107	b4037	malM	4247577	4248497	inside	
pORF+_4250418	4250418	4251026	609	+	3	0	1	2	3	3	6	10	b4039	ubiC	4250529	4251026	inside	
pORF+_4254660	4254660	4255028	369	+	3	0	0	0	1	0	0	3	b4042	dgkA	4254660	4255028	equal	
pORF+_4255138	4255138	4255746	609	+	1	2	9	11	18	84	91	110	b4043	lexA	4255138	4255746	equal	
pORF+_4257254	4257254	4257469	216	+	2	2	8	9	13	16	18	36	b4045	yjbJ	4257260	4257469	inside	
pORF+_4259686	4259686	4260729	1044	+	1	2	4	12	18	8	30	45	b4049	dusA	4259737	4260729	inside	
pORF+_4262337	4262337	4263752	1416	+	3	0	8	10	13	63	69	78	b4052	dnaB	4262337	4263752	equal	
pORF+_4263805	4263805	4264884	1080	+	1	0	2	6	6	5	15	15	b4053	alr	4263805	4264884	equal	
pORF+_4265095	4265095	4266330	1236	+	1	9	24	42	54	183	298	368	b4054	tyrB	4265137	4266330	inside	
pORF+_4267197	4267197	4268150	954	+	3	0	5	5	5	60	60	60	b4055	aphA	4267437	4268150	inside	
pORF+_4268261	4268261	4268677	417	+	2	0	0	0	1	0	0	3	b4056	yjbQ	4268261	4268677	equal	
pORF+_4268681	4268681	4269037	357	+	2	0	0	1	2	0	4	6	b4057	yjbR	4268681	4269037	equal	
pORF+_4272085	4272085	4272684	600	+	1	6	13	18	24	553	564	588	b4059	ssb	4272148	4272684	inside	
pORF+_4276502	4276502	4277851	1350	+	2	0	1	4	6	2	14	23	b4064	yjcD	4276502	4277851	equal	
pORF+_4278003	4278003	4279652	1650	+	3	1	4	6	7	6	11	13	b4065	yjcE	4278003	4279652	equal	
pORF+_4285754	4285754	4287223	1470	+	2	0	2	2	2	4	4	4	b4070	nrfA	4285787	4287223	inside	
pORF+_4289511	4289511	4291193	1683	+	3	0	1	1	1	2	2	2	b4074	nrfE	4289535	4291193	inside	
pORF+_4292504	4292504	4293817	1314	+	2	0	0	1	2	0	3	5	b4077	gltP	4292504	4293817	equal	
pORF+_4314135	4314135	4315418	1284	+	3	0	1	1	1	5	5	5						FP
pORF+_4314308	4314308	4314679	372	+	2	0	1	1	1	2	2	2						FP
pORF+_4316176	4316176	4316706	531	+	1	0	1	1	1	7	7	7						FP
pORF+_4322563	4322563	4322748	186	+	1	0	1	1	1	8	8	8						FP
pORF+_4327383	4327383	4328261	879	+	3	0	1	2	2	2	4	4	b4110	yjcZ	4327383	4328261	equal	

pORF_+_4328492	4328492	4330027	1536	+	2	4	4	7	12	0	11	29	b4111	proP	4328525	4330027	inside	
pORF_+_4333979	4333979	4334161	183	+	2	0	1	1	1	2	2	2						FP
pORF_+_4335582	4335582	4335758	177	+	3	0	0	1	1	0	3	3						FP
pORF_+_4339934	4339934	4341289	1356	+	2	0	0	0	3	0	0	10	b4119	melA	4339934	4341289	equal	
pORF_+_4349801	4349801	4350052	252	+	2	0	1	1	1	2	2	2						FP
pORF_+_4349866	4349866	4350096	231	+	1	0	1	1	1	2	2	2	b4126	yjdI	4349866	4350096	equal	
pORF_+_4359356	4359356	4359541	186	+	2	0	0	1	1	0	2	2						FP
pORF_+_4363502	4363502	4363648	147	+	2	0	1	1	1	15	15	15						FP
pORF_+_4368711	4368711	4369004	294	+	3	7	29	34	43	2105	2258	2393	b4142	groS	4368711	4369004	equal	
pORF_+_4369048	4369048	4370694	1647	+	1	44	212	267	333	15599	24080	31373	b4143	groL	4369048	4370694	equal	
pORF_+_4370799	4370799	4371185	387	+	3	0	2	5	8	23	41	58	b4144	yjeI	4370832	4371185	inside	
pORF_+_4373722	4373722	4374288	567	+	1	4	14	17	20	322	357	384	b4147	efp	4373722	4374288	equal	
pORF_+_4374340	4374340	4374465	126	+	1	0	0	1	1	0	2	2	b4410	ecnA	4374340	4374465	equal	
pORF_+_4374576	4374576	4374722	147	+	3	0	2	4	7	22	40	59	b4411	ecnB	4374576	4374722	equal	
pORF_+_4380621	4380621	4381643	1023	+	3	4	4	7	9	0	9	17	b4155	poxA	4380666	4381643	inside	
pORF_+_4389483	4389483	4390172	690	+	3	8	10	14	21	31	42	64	b4162	orn	4389627	4390172	inside	
pORF_+_4392068	4392068	4393636	1569	+	2	0	3	6	9	16	24	31	b4167	yjeF	4392089	4393636	inside	
pORF_+_4393608	4393608	4394069	462	+	3	0	1	2	3	6	11	16	b4168	yjeE	4393608	4394069	equal	
pORF_+_4394073	4394073	4395425	1353	+	3	0	2	3	3	10	12	12	b4169	amiB	4394088	4395425	inside	
pORF_+_4395432	4395432	4397282	1851	+	3	0	0	1	2	0	3	7	b4170	mutL	4395435	4397282	inside	
pORF_+_4397275	4397275	4398225	951	+	1	0	0	2	2	0	5	5	b4171	miaA	4397275	4398225	equal	
pORF_+_4398311	4398311	4398619	309	+	2	7	15	16	16	279	284	284	b4172	hfq	4398311	4398619	equal	
pORF_+_4398695	4398695	4399975	1281	+	2	3	8	16	23	73	103	122	b4173	hflX	4398695	4399975	equal	
pORF_+_4400061	4400061	4401320	1260	+	3	7	18	33	48	235	327	426	b4174	hflK	4400061	4401320	equal	
pORF_+_4401323	4401323	4402327	1005	+	2	5	27	45	62	750	1026	1211	b4175	hflC	4401323	4402327	equal	
pORF_+_4402710	4402710	4404008	1299	+	3	25	81	109	137	1644	1815	2026	b4177	purA	4402710	4404008	equal	
pORF_+_4404213	4404213	4404638	426	+	3	0	1	2	3	19	22	25	b4178	nsrR	4404213	4404638	equal	
pORF_+_4404635	4404635	4407118	2484	+	2	8	10	30	56	18	90	222	b4179	rnr	4404677	4407118	inside	
pORF_+_4407298	4407298	4408029	732	+	1	2	6	12	20	18	41	82	b4180	rlmB	4407298	4408029	equal	
pORF_+_4411036	4411036	4412214	1179	+	1	0	0	0	1	0	0	2	b4186	yjfC	4411051	4412214	inside	
pORF_+_4412280	4412280	4413923	1644	+	3	0	0	2	9	0	5	27	b4187	aidB	4412298	4413923	inside	
pORF_+_4414975	4414975	4415724	750	+	1	0	0	0	2	0	0	5	b4190	yjfP	4414975	4415724	equal	
pORF_+_4420011	4420011	4420859	849	+	3	0	1	1	1	9	9	9	b4196	ulaD	4420209	4420859	inside	
pORF_+_4423141	4423141	4423536	396	+	1	10	80	95	110	4961	5269	5579	b4200	rpsF	4423141	4423536	equal	
pORF_+_4423862	4423862	4424089	228	+	2	5	26	33	40	1893	2047	2255	b4202	rpsR	4423862	4424089	equal	
pORF_+_4424131	4424131	4424580	450	+	1	10	61	75	91	6471	7624	8516	b4203	rplI	4424131	4424580	equal	
pORF_+_4426799	4426799	4427578	780	+	2	11	31	39	48	600	644	692	b4207	flkI	4426958	4427578	inside	
pORF_+_4427887	4427887	4429299	1413	+	1	0	3	5	7	19	29	33	b4208	cycA	4427887	4429299	equal	
pORF_+_4434778	4434778	4435518	741	+	1	2	9	10	18	23	25	54	b4214	cysQ	4434778	4435518	equal	
pORF_+_4440405	4440405	4442138	1734	+	3	0	0	5	9	0	13	23	b4220	ytfM	4440405	4442138	equal	
pORF_+_4442135	4442135	4445914	3780	+	2	3	5	8	11	5	15	22	b4221	ytfN	4442135	4445914	equal	
pORF_+_4445917	4445917	4446258	342	+	1	1	1	2	3	0	3	5	b4222	ytfP	4445917	4446258	equal	
pORF_+_4447985	4447985	4448941	957	+	2	0	8	10	23	46	50	218	b4227	ytfQ	4447985	4448941	equal	
pORF_+_4449081	4449081	4450583	1503	+	3	0	1	1	4	4	4	12	b4485	ytfR	4449081	4450583	equal	
pORF_+_4453808	4453808	4455181	1374	+	2	0	7	16	25	101	135	177	b4233	mpl	4453808	4455181	equal	
pORF_+_4455982	4455982	4457334	1353	+	1	10	38	57	75	423	530	613	b4235	pmbA	4455982	4457334	equal	

pORF+_4462113	4462113	4462256	144	+	3	0	1	1	1	4	4	4							FP
pORF+_4465648	4465648	4468344	2697	+	1	11	15	19	20	9	17	19	b4242	mgta	4465648	4468344	equal		
pORF+_4469464	4469464	4469775	312	+	1	0	1	1	1	11	11	11							FP
pORF+_4472147	4472147	4472740	594	+	2	0	0	3	4	0	7	9	b4251	yjgJ	4472147	4472740	equal		
pORF+_4472876	4472876	4473337	462	+	2	2	6	10	14	77	87	114	b4252	yjgK	4472885	4473337	inside		
pORF+_4476496	4476496	4476912	417	+	1	3	5	8	11	77	106	141	b4255	rfaB	4476496	4476912	equal		
pORF+_4484241	4484241	4485341	1101	+	3	0	0	2	5	0	12	28	b4261	yjgP	4484241	4485341	equal		
pORF+_4485338	4485338	4486423	1086	+	2	0	0	2	6	0	4	15	b4262	yjgQ	4485341	4486423	inside		
pORF+_4494773	4494773	4495963	1191	+	2	1	1	2	2	0	2	2	b4271	intB	4494698	4495963	contain		
pORF+_4503295	4503295	4504428	1134	+	1	0	0	2	4	0	4	9	b4280	yjhC	4503310	4504428	inside		
pORF+_4518072	4518072	4518410	339	+	3	0	0	0	1	0	0	3							FP
pORF+_4519301	4519301	4519774	474	+	2	0	1	1	1	2	2	2							FP
pORF+_4528688	4528688	4528858	171	+	2	0	0	1	1	0	2	2							FP
pORF+_4538950	4538950	4539582	633	+	1	0	0	1	1	0	2	2	b4312	fimB	4538980	4539582	inside		
pORF+_4541138	4541138	4541686	549	+	2	0	11	11	11	620	620	620	b4314	fimA	4541138	4541686	equal		
pORF+_4542327	4542327	4543052	726	+	3	0	5	6	7	15	18	20	b4316	fimC	4542327	4543052	equal		
pORF+_4545277	4545277	4545432	156	+	1	0	1	1	1	2	2	2							FP
pORF+_4546822	4546822	4547733	912	+	1	0	1	1	1	2	2	2	b4320	fimH	4546831	4547733	inside		
pORF+_4548868	4548868	4548972	105	+	1	0	1	1	1	2	2	2							FP
pORF+_4549623	4549623	4550843	1221	+	3	0	1	3	7	2	7	16	b4322	uxuA	4549659	4550843	inside		
pORF+_4550924	4550924	4552384	1461	+	2	0	0	1	3	0	2	7	b4323	uxuB	4550924	4552384	equal		
pORF+_4552599	4552599	4553372	774	+	3	0	1	1	1	5	5	5	b4324	uxuR	4552599	4553372	equal		
pORF+_4555957	4555957	4556022	66	+	1	0	1	1	1	2	2	2							FP
pORF+_4559680	4559680	4560006	327	+	1	0	1	1	1	2	2	2							FP
pORF+_4564180	4564180	4564329	150	+	1	0	1	1	1	2	2	2							FP
pORF+_4579842	4579842	4580840	999	+	3	0	0	1	1	0	3	3							FP
pORF+_4580841	4580841	4581140	300	+	3	0	0	1	1	0	2	2							FP
pORF+_4583111	4583111	4583557	447	+	2	0	0	1	1	0	2	2							FP
pORF+_4584972	4584972	4585886	915	+	3	0	4	5	6	32	34	37	b4351	mrr	4584972	4585886	equal		
pORF+_4589021	4589021	4589221	201	+	2	0	1	1	1	2	2	2							FP
pORF+_4589680	4589680	4591335	1656	+	1	0	33	50	58	1163	1304	1343	b4355	tsr	4589680	4591335	equal		
pORF+_4605826	4605826	4606239	414	+	1	0	2	2	2	16	16	16	b4372	holD	4605826	4606239	equal		
pORF+_4606208	4606208	4606654	447	+	2	0	0	1	1	0	4	4	b4373	rimI	4606208	4606654	equal		
pORF+_4606669	4606669	4607346	678	+	1	0	0	1	1	0	2	2	b4374	yjjG	4606669	4607346	equal		
pORF+_4606691	4606691	4606894	204	+	2	0	1	1	1	3	3	3							FP
pORF+_4607410	4607410	4609026	1617	+	1	14	29	44	61	206	278	342	b4375	prfC	4607437	4609026	inside		
pORF+_4609341	4609341	4610024	684	+	3	6	40	51	66	652	756	996	b4376	osmY	4609419	4610024	inside		
pORF+_4611504	4611504	4612283	780	+	3	0	1	3	5	2	6	13	b4378	yjjV	4611504	4612283	equal		
pORF+_4615322	4615322	4616125	804	+	2	26	40	51	63	138	177	233	b4381	deoC	4615346	4616125	inside		
pORF+_4616252	4616252	4617574	1323	+	2	30	36	45	58	61	120	198	b4382	deoA	4616252	4617574	equal		
pORF+_4617626	4617626	4618849	1224	+	2	23	40	55	75	181	250	381	b4383	deoB	4617626	4618849	equal		
pORF+_4618849	4618849	4619625	777	+	1	22	54	68	82	1009	1128	1501	b4384	deoD	4618906	4619625	inside		
pORF+_4622780	4622780	4623886	1107	+	2	0	1	4	6	4	13	18	b4388	serB	4622918	4623886	inside		
pORF+_4623887	4623887	4625317	1431	+	2	0	1	5	7	3	14	18	b4389	radA	4623935	4625317	inside		
pORF+_4624843	4624843	4625130	288	+	1	0	0	0	1	0	0	5							FP
pORF+_4625317	4625317	4626570	1254	+	1	0	0	4	10	0	8	25	b4390	nadR	4625338	4626570	inside		

pORF_+_4628726	4628726	4630693	1968	+	2	0	3	3	10	7	7	23	b4392	slt	4628756	4630693	inside	
pORF_+_4630783	4630783	4631109	327	+	1	0	1	4	6	2	15	23	b4393	trpR	4630783	4631109	equal	
pORF_+_4631820	4631820	4632467	648	+	3	1	5	13	15	48	70	75	b4395	ytjC	4631820	4632467	equal	
pORF_+_4632752	4632752	4632982	231	+	2	0	1	1	1	9	9	9						FP
pORF_+_4633544	4633544	4634017	474	+	2	3	3	8	10	0	17	23	b4397	creA	4633544	4634017	equal	
pORF_+_4634030	4634030	4634719	690	+	2	1	1	1	1	0	0	0	b4398	creB	4634030	4634719	equal	
pORF_+_4634719	4634719	4636143	1425	+	1	0	0	1	3	0	2	6	b4399	creC	4634719	4636143	equal	
pORF_+_4638944	4638944	4639651	708	+	2	2	2	6	9	0	9	15	b4403	yjtD	4638965	4639651	inside	
pORF_-_2503	2503	2685	183	-	5	0	1	1	1	2	2	2						FP
pORF_-_5683	5683	6459	777	-	5	2	5	10	17	11	36	59	b0006	yaaA	5683	6459	equal	
pORF_-_20815	20815	21078	264	-	5	7	62	69	75	2980	3070	3135	b0023	rpsT	20815	21078	equal	
pORF_-_34336	34336	34554	219	-	5	0	1	1	1	2	2	2						FP
pORF_-_45313	45313	45786	474	-	5	0	1	1	1	2	2	2						FP
pORF_-_50380	50380	51222	843	-	5	0	0	1	3	0	4	9	b0049	apaH	50380	51222	equal	
pORF_-_51609	51609	52430	822	-	4	5	9	12	16	16	39	68	b0051	ksgA	51609	52430	equal	
pORF_-_52427	52427	53416	990	-	6	0	1	4	4	2	9	9	b0052	pdxA	52427	53416	equal	
pORF_-_53416	53416	54702	1287	-	5	14	36	51	65	793	841	899	b0053	surA	53416	54702	equal	
pORF_-_54755	54755	57109	2355	-	6	14	20	42	67	34	130	247	b0054	imp	54755	57109	equal	
pORF_-_59687	59687	60403	717	-	6	0	0	1	1	0	2	2	b0058	rluA	59687	60346	inside	
pORF_-_60358	60358	63264	2907	-	5	12	18	38	59	96	167	261	b0059	hepA	60358	63264	equal	
pORF_-_65855	65855	66550	696	-	6	2	2	2	2	0	0	0	b0061	araD	65855	66550	equal	
pORF_-_66835	66835	68361	1527	-	5	21	21	21	23	0	0	7	b0062	araA	66835	68337	inside	
pORF_-_68348	68348	70048	1701	-	6	12	13	13	13	2	2	2	b0063	araB	68348	70048	equal	
pORF_-_72229	72229	72948	720	-	5	1	1	2	2	0	3	3	b0066	thiQ	72229	72927	inside	
pORF_-_72911	72911	74521	1611	-	6	0	1	1	1	2	2	2	b0067	thiP	72911	74521	equal	
pORF_-_73725	73725	73958	234	-	4	0	0	1	1	0	3	3						FP
pORF_-_74497	74497	75492	996	-	5	11	16	28	38	46	97	142	b0068	tbpA	74497	75480	inside	
pORF_-_75644	75644	77320	1677	-	6	0	1	1	1	108	108	108	b0069	sgrR	75644	77299	inside	
pORF_-_78848	78848	79453	606	-	6	5	26	35	38	1065	1137	1145	b0071	leuD	78848	79453	equal	
pORF_-_79464	79464	80864	1401	-	4	10	48	69	75	2053	2262	2289	b0072	leuC	79464	80864	equal	
pORF_-_80867	80867	81961	1095	-	6	6	22	38	57	908	1085	1217	b0073	leuB	80867	81958	inside	
pORF_-_81958	81958	83529	1572	-	5	16	57	91	127	1255	2040	2825	b0074	leuA	81958	83529	equal	
pORF_-_95091	95091	95213	123	-	4	0	0	1	2	0	13	26						FP
pORF_-_95138	95138	95404	267	-	6	0	2	2	2	6	6	6						FP
pORF_-_100486	100486	100668	183	-	5	0	1	1	1	6	6	6						FP
pORF_-_102408	102408	102515	108	-	4	0	0	1	1	0	2	2						FP
pORF_-_111564	111564	111698	135	-	4	0	1	1	1	2	2	2						FP
pORF_-_111649	111649	111846	198	-	5	0	0	2	4	0	6	11	b0101	yacG	111649	111846	equal	
pORF_-_111856	111856	112599	744	-	5	2	3	6	8	8	17	21	b0102	yacF	111856	112599	equal	
pORF_-_112577	112577	112768	192	-	6	0	1	1	1	2	2	2						FP
pORF_-_112599	112599	113219	621	-	4	0	1	4	6	9	18	24	b0103	coaE	112599	113219	equal	
pORF_-_117752	117752	118687	936	-	6	0	8	14	23	152	174	204	b0109	nadC	117752	118645	inside	
pORF_-_120178	120178	121551	1374	-	5	0	2	5	8	22	31	39	b0112	aroP	120178	121551	equal	
pORF_-_123266	123266	125539	2274	-	6	0	0	1	1	0	9	9						FP
pORF_-_134788	134788	135582	795	-	5	8	17	29	37	227	321	380	b0120	speD	134788	135582	equal	
pORF_-_135598	135598	136464	867	-	5	3	7	15	20	17	78	120	b0121	speE	135598	136464	equal	

pORF_-_136570	136570	137088	519	-	5	0	1	1	1	2	2	2	b0122	yacC	136570	136917	inside	
pORF_-_138835	138835	141243	2409	-	5	14	14	18	34	0	8	58	b0124	gcd	138835	141225	inside	
pORF_-_142008	142008	142670	663	-	4	10	18	29	37	216	310	367	b0126	can	142008	142670	equal	
pORF_-_146314	146314	146694	381	-	5	3	12	19	23	422	459	481	b0131	panD	146314	146694	equal	
pORF_-_147944	147944	148795	852	-	6	10	27	42	57	393	477	567	b0133	panC	147944	148795	equal	
pORF_-_148807	148807	149601	795	-	5	8	26	43	56	460	738	932	b0134	panB	148807	149601	equal	
pORF_-_152829	152829	155426	2598	-	4	2	3	3	3	3	3	3	b0139	htrE	152829	155426	equal	
pORF_-_157253	157253	157732	480	-	6	0	2	2	2	15	15	15	b0142	folK	157253	157732	equal	
pORF_-_157729	157729	159147	1419	-	5	3	5	11	15	7	31	44	b0143	pcnB	157729	159126	inside	
pORF_-_160149	160149	160622	474	-	4	5	21	29	34	381	431	474	b0145	dksA	160149	160604	inside	
pORF_-_168599	168599	168745	147	-	6	0	1	1	1	2	2	2						FP
pORF_-_173602	173602	174882	1281	-	5	10	25	37	50	560	627	672	b0154	hemL	173602	174882	equal	
pORF_-_178455	178455	179153	699	-	4	5	23	32	42	645	772	1045	b0159	mtn	178455	179153	equal	
pORF_-_183709	183709	184095	387	-	5	5	28	37	50	543	574	641	b0163	yaeH	183709	184095	equal	
pORF_-_183762	183762	183917	156	-	4	0	1	1	1	2	2	2						FP
pORF_-_184257	184257	185069	813	-	4	0	1	1	1	2	2	2	b0164	yaeI	184257	185069	equal	
pORF_-_185123	185123	185947	825	-	6	17	51	71	92	2367	2652	3072	b0166	dapD	185123	185947	equal	
pORF_-_185978	185978	188650	2673	-	6	0	0	8	12	0	18	33	b0167	glnD	185978	188650	equal	
pORF_-_188712	188712	189506	795	-	4	6	28	43	54	788	878	947	b0168	map	188712	189506	equal	
pORF_-_189242	189242	189415	174	-	6	0	1	1	1	4	4	4						FP
pORF_-_189868	189868	190383	516	-	5	0	0	0	1	0	0	3						FP
pORF_-_190551	190551	191603	1053	-	4	0	1	1	1	19	19	19						FP
pORF_-_192202	192202	192402	201	-	5	0	1	1	1	2	2	2						FP
pORF_-_207222	207222	207335	114	-	4	0	0	1	1	0	6	6						FP
pORF_-_208552	208552	209487	936	-	5	0	1	1	1	6	6	6						FP
pORF_-_209874	209874	210776	903	-	4	0	1	1	1	3	3	3						FP
pORF_-_213678	213678	213938	261	-	4	0	1	3	6	3	20	33	b0189	rof	213678	213932	inside	
pORF_-_213925	213925	214143	219	-	5	0	3	4	5	21	24	29	b4406	yaeP	213925	214125	inside	
pORF_-_214216	214216	214386	171	-	5	0	1	1	1	4	4	4						FP
pORF_-_217057	217057	218829	1773	-	5	29	83	114	151	2468	2669	2918	b0194	proS	217057	218775	inside	
pORF_-_218887	218887	219594	708	-	5	0	0	1	2	0	2	4	b0195	yaeB	218887	219594	equal	
pORF_-_219591	219591	219995	405	-	4	2	3	8	12	3	61	113	b0196	rcsF	219591	219995	equal	
pORF_-_220113	220113	220928	816	-	4	8	46	62	76	2138	2354	2546	b0197	metQ	220113	220928	equal	
pORF_-_220968	220968	221621	654	-	4	0	0	1	2	0	6	8	b0198	metI	220968	221621	equal	
pORF_-_221614	221614	222645	1032	-	5	1	7	19	28	61	112	144	b0199	metN	221614	222645	equal	
pORF_-_229967	229967	230881	915	-	6	0	0	1	2	0	2	7	b0208	yafC	229967	230881	equal	
pORF_-_234027	234027	234782	756	-	4	0	0	2	8	0	5	19	b0212	gloB	234027	234782	equal	
pORF_-_235535	235535	236113	579	-	6	0	0	0	1	0	0	2	b0214	rnhA	235535	236002	inside	
pORF_-_239419	239419	240198	780	-	5	0	0	2	5	0	5	14	b0219	yafV	239419	240189	inside	
pORF_-_240859	240859	243381	2523	-	5	0	6	14	40	47	87	428	b0221	fadE	240859	243303	inside	
pORF_-_246242	246242	246502	261	-	6	0	3	5	7	52	57	65	b0226	dinJ	246242	246502	equal	
pORF_-_254259	254259	255716	1458	-	4	19	38	58	77	744	862	995	b0237	pepD	254259	255716	equal	
pORF_-_258269	258269	259330	1062	-	6	14	16	16	16	40	40	40	b0241	phoE	258269	259324	inside	
pORF_-_262914	262914	263231	318	-	4	0	1	1	1	2	2	2	b0246	yafW	262914	263231	equal	
pORF_-_264844	264844	265311	468	-	5	0	1	1	1	2	2	2	b0250	ykfB	264844	265311	equal	
pORF_-_269475	269475	269636	162	-	4	0	1	1	1	2	2	2						FP

pORF_-_273325	273325	274341	1017	-	5	0	0	46	46	0	158	158	b0259	insH	273325	274341	equal	
pORF_-_274642	274642	275151	510	-	5	0	1	1	1	2	2	2						FP
pORF_-_282257	282257	283333	1077	-	6	0	0	0	1	0	0	2						FP
pORF_-_283483	283483	283950	468	-	5	0	1	1	1	11	11	11						FP
pORF_-_284717	284717	284887	171	-	6	0	0	1	1	0	2	2						FP
pORF_-_285998	285998	286474	477	-	6	0	1	1	1	3	3	3						FP
pORF_-_286487	286487	286969	483	-	6	0	0	0	1	0	0	3						FP
pORF_-_287628	287628	288386	759	-	4	0	0	1	4	0	3	10	b0272	yagI	287628	288386	equal	
pORF_-_288525	288525	289529	1005	-	4	0	24	39	52	1037	1183	1258	b0273	argF	288525	289529	equal	
pORF_-_294920	294920	296323	1404	-	6	0	0	3	3	0	10	10	b0281	intF	294920	296320	inside	
pORF_-_296994	296994	297950	957	-	4	0	1	1	1	9	9	9	b0283	yagQ	296994	297950	equal	
pORF_-_299084	299084	299284	201	-	6	0	1	1	1	2	2	2						FP
pORF_-_300155	300155	301111	957	-	6	0	1	1	1	2	2	2	b0285	yagS	300155	301111	equal	
pORF_-_306031	306031	308556	2526	-	5	0	1	1	1	7	7	7	b0291	yagX	306031	308556	equal	
pORF_-_309308	309308	309895	588	-	6	0	1	1	1	2	2	2	b0293	matB	309308	309895	equal	
pORF_-_311598	311598	311741	144	-	4	0	3	4	5	8	10	16	b4506	ykgO	311598	311738	inside	
pORF_-_311738	311738	312004	267	-	6	0	16	21	30	407	490	691	b0296	ykgM	311738	312001	inside	
pORF_-_317900	317900	319252	1353	-	6	0	0	1	6	0	3	21	b0304	ykgC	317900	319225	inside	
pORF_-_326485	326485	327960	1476	-	5	1	1	8	11	0	18	28	b0312	betB	326485	327957	inside	
pORF_-_327971	327971	328576	606	-	6	0	1	1	1	2	2	2	b0313	betI	327971	328558	inside	
pORF_-_336443	336443	336745	303	-	6	0	1	1	1	3	3	3						FP
pORF_-_336917	336917	337318	402	-	6	0	2	3	3	11	35	35						FP
pORF_-_346081	346081	347679	1599	-	5	0	0	1	1	0	3	3	b0330	prpR	346081	347667	inside	
pORF_-_346590	346590	346937	348	-	4	0	1	1	1	2	2	2						FP
pORF_-_349663	349663	349782	120	-	5	0	1	1	1	4	4	4						FP
pORF_-_360473	360473	361135	663	-	6	1	1	1	1	0	0	0	b0342	lacA	360473	361084	inside	
pORF_-_361150	361150	362403	1254	-	5	0	1	1	1	4	4	4	b0343	lacY	361150	362403	equal	
pORF_-_365652	365652	366743	1092	-	4	0	1	3	4	3	12	17	b0345	lacI	365652	366734	inside	
pORF_-_366811	366811	367758	948	-	5	0	0	1	1	0	2	2	b0346	mhpR	366811	367644	inside	
pORF_-_376759	376759	377592	834	-	5	0	0	3	3	0	7	7	b0355	frmB	376759	377592	equal	
pORF_-_377686	377686	378795	1110	-	5	3	8	17	20	53	102	113	b0356	frmA	377686	378795	equal	
pORF_-_378830	378830	379126	297	-	6	0	3	4	4	7	10	10	b0357	frmR	378830	379105	inside	
pORF_-_384278	384278	384502	225	-	6	0	0	0	1	0	0	4						FP
pORF_-_387977	387977	388984	1008	-	6	10	23	33	43	285	339	391	b0369	hemB	387977	388951	inside	
pORF_-_390963	390963	391829	867	-	4	0	0	0	5	0	0	10	b0372	insF	390963	391829	equal	
pORF_-_391826	391826	392134	309	-	6	0	0	5	10	0	10	35	b0373	insE	391826	392134	equal	
pORF_-_394354	394354	395511	1158	-	5	0	0	2	3	0	4	7	b0376	ampH	394354	395511	equal	
pORF_-_395832	395832	395978	147	-	4	0	1	1	1	5	5	5						FP
pORF_-_399053	399053	400147	1095	-	6	8	15	22	30	54	79	115	b0381	ddlA	399053	400147	equal	
pORF_-_402193	402193	402477	285	-	5	0	0	0	1	0	0	2						FP
pORF_-_403223	403223	403474	252	-	6	0	1	1	1	3	3	3						FP
pORF_-_404059	404059	404976	918	-	5	4	11	23	31	107	153	186	b0386	proC	404059	404868	inside	
pORF_-_408332	408332	409315	984	-	6	4	12	19	27	195	251	300	b0393	rdgC	408332	409243	inside	
pORF_-_411831	411831	414977	3147	-	4	0	0	1	2	0	3	5	b0397	sbcC	411831	414977	equal	
pORF_-_414974	414974	416218	1245	-	6	0	0	1	1	0	2	2	b0398	sbcD	414974	416176	inside	
pORF_-_428505	428505	428735	231	-	4	0	1	1	1	8	8	8						FP

pORF_-_430353	430353	431285	933	-	4	8	10	24	33	6	73	132	b0411	tsx	430353	431237	inside	
pORF_-_431456	431456	431515	60	-	6	0	1	1	1	2	2	2						FP
pORF_-_435906	435906	436364	459	-	4	0	1	2	2	4	10	10						FP
pORF_-_436385	436385	437431	1047	-	6	0	8	14	27	78	95	160	b0419	yajO	436385	437359	inside	
pORF_-_437539	437539	439401	1863	-	5	0	4	8	13	15	30	44	b0420	dxs	437539	439401	equal	
pORF_-_439426	439426	440325	900	-	5	0	11	14	17	222	231	240	b0421	ispA	439426	440325	equal	
pORF_-_440325	440325	440567	243	-	4	1	9	11	15	339	347	362	b0422	xseB	440325	440567	equal	
pORF_-_442275	442275	442871	597	-	4	2	4	7	11	29	43	53	b0424	yajL	442275	442865	inside	
pORF_-_442828	442828	443739	912	-	5	0	0	5	8	0	15	27	b0425	panE	442828	443739	equal	
pORF_-_443193	443193	443381	189	-	4	0	1	1	1	65	65	65						FP
pORF_-_447874	447874	449865	1992	-	5	3	4	9	13	10	59	133	b0431	cyoB	447874	449865	equal	
pORF_-_449887	449887	450834	948	-	5	5	20	29	38	686	752	847	b0432	cyoA	449887	450834	equal	
pORF_-_450027	450027	450167	141	-	4	0	1	1	1	3	3	3						FP
pORF_-_451294	451294	452769	1476	-	5	0	0	0	1	0	0	3	b0433	ampG	451294	452769	equal	
pORF_-_452813	452813	453550	738	-	6	6	12	17	22	131	233	320	b0434	yajG	452813	453391	inside	
pORF_-_458531	458531	458755	225	-	6	0	1	1	1	2	2	2						FP
pORF_-_461314	461314	461454	141	-	5	0	0	0	1	0	0	3						FP
pORF_-_464076	464076	464771	696	-	4	0	2	8	12	21	56	68	b0444	queC	464076	464771	equal	
pORF_-_464836	464836	466551	1716	-	5	0	0	0	1	0	0	2	b0445	ybaE	464836	466536	inside	
pORF_-_473525	473525	474403	879	-	6	3	6	9	13	10	17	30	b0452	tesB	473525	474385	inside	
pORF_-_476291	476291	477847	1557	-	6	0	0	1	1	0	2	2	b0457	ylaB	476291	477841	inside	
pORF_-_478591	478591	479142	552	-	5	0	1	2	3	3	8	11	b0459	maa	478591	479142	equal	
pORF_-_479314	479314	479778	465	-	5	0	0	1	1	0	2	2	b0460	hha	479314	479532	inside	
pORF_-_480478	480478	483627	3150	-	5	12	14	26	43	4	39	104	b0462	acrB	480478	483627	equal	
pORF_-_483650	483650	484879	1230	-	6	9	34	52	69	924	1037	1160	b0463	acrA	483650	484843	inside	
pORF_-_485777	485777	485848	72	-	6	0	0	1	1	0	6	6						FP
pORF_-_489509	489509	490036	528	-	6	0	1	4	4	8	15	15	b0467	priC	489509	490036	equal	
pORF_-_494415	494415	494651	237	-	4	0	0	0	1	0	0	2						FP
pORF_-_500594	500594	500689	96	-	6	0	0	1	1	0	2	2						FP
pORF_-_500786	500786	502462	1677	-	6	0	2	5	6	10	19	22	b0478	ybaL	500786	502462	equal	
pORF_-_505827	505827	506306	480	-	4	3	4	16	26	2	37	83	b0481	ybaK	505827	506306	equal	
pORF_-_508099	508099	510603	2505	-	5	1	15	30	45	186	250	323	b0484	copA	508099	510603	equal	
pORF_-_509669	509669	509950	282	-	6	0	0	1	2	0	6	12						FP
pORF_-_512304	512304	512348	45	-	4	0	1	1	1	2	2	2						FP
pORF_-_514080	514080	514997	918	-	4	0	2	4	12	25	38	68	b0489	qmcA	514080	514997	equal	
pORF_-_516649	516649	517539	891	-	5	10	12	22	32	43	115	185	b0492	ybbN	516649	517503	inside	
pORF_-_517564	517564	518373	810	-	5	0	1	1	2	5	5	8	b0493	ybbO	517564	518373	equal	
pORF_-_518363	518363	519019	657	-	6	2	3	4	8	6	10	21	b0494	tesA	518363	518989	inside	
pORF_-_523000	523000	523506	507	-	5	0	0	1	2	0	4	8						FP
pORF_-_529356	529356	530450	1095	-	4	0	0	1	1	0	3	3	b0503	ybbB	529356	530450	equal	
pORF_-_542485	542485	543270	786	-	5	0	0	4	8	0	9	22	b0515	ylbA	542485	543270	equal	
pORF_-_548168	548168	548860	693	-	6	0	1	1	1	15	15	15						FP
pORF_-_550750	550750	551817	1068	-	5	6	13	20	26	21	45	81	b0522	purK	550750	551817	equal	
pORF_-_551814	551814	552350	537	-	4	4	13	19	26	557	608	659	b0523	purE	551814	552323	inside	
pORF_-_553166	553166	553660	495	-	6	9	27	36	49	968	1060	1163	b0525	ppiB	553166	553660	equal	
pORF_-_554007	554007	554225	219	-	4	0	1	1	1	3	3	3						FP

pORF_-_555640	555640	555915	276	-	5	0	1	1	1	26	26	26						FP
pORF_-_555884	555884	556150	267	-	6	2	3	4	5	2	6	10	b0528 ybcJ	555884	556096	inside		
pORF_-_556098	556098	556964	867	-	4	6	20	30	38	610	670	729	b0529 folD	556098	556964	equal		
pORF_-_564038	564038	565201	1164	-	6	2	2	2	2	0	0	0	b0537 intD	564038	565201	equal		
pORF_-_572166	572166	572504	339	-	4	0	1	1	1	4	4	4						FP
pORF_-_573960	573960	574976	1017	-	4	0	0	46	46	0	158	158	b0552 insH	573960	574976	equal		
pORF_-_574981	574981	576108	1128	-	5	10	10	10	10	0	0	0	b0553 nmpC	575009	576048	inside		
pORF_-_577823	577823	578116	294	-	6	0	2	5	6	24	44	46	b0557 borD	577823	578116	equal		
pORF_-_583903	583903	584856	954	-	5	18	36	60	81	487	895	1139	b0565 ompT	583903	584856	equal		
pORF_-_586314	586314	587204	891	-	4	0	0	2	2	0	4	4	b0567 ybcH	586314	587204	equal		
pORF_-_587177	587177	587434	258	-	6	0	1	1	1	2	2	2						FP
pORF_-_587205	587205	590198	2994	-	4	0	1	2	3	2	4	6	b0568 nfrA	587205	590177	inside		
pORF_-_592551	592551	594005	1455	-	4	0	0	1	1	0	3	3	b0570 cusS	592551	593993	inside		
pORF_-_593983	593983	594666	684	-	5	0	2	2	2	17	17	17	b0571 cusR	593983	594666	equal		
pORF_-_595566	595566	595874	309	-	4	0	1	1	1	2	2	2						FP
pORF_-_600526	600526	600699	174	-	5	0	1	1	1	47	47	47						FP
pORF_-_603994	603994	604698	705	-	5	11	32	42	53	707	765	825	b0578 nfsB	603994	604647	inside		
pORF_-_604741	604741	605229	489	-	5	0	0	2	3	0	4	8	b0579 ybdF	604741	605109	inside		
pORF_-_605488	605488	606606	1119	-	5	0	0	1	5	0	2	14	b0581 ybdK	605488	606606	equal		
pORF_-_609477	609477	611777	2301	-	4	9	41	44	46	1262	1273	1280	b0584 fepA	609477	611717	inside		
pORF_-_614130	614130	614540	411	-	4	0	1	1	1	4	4	4						FP
pORF_-_618607	618607	619563	957	-	5	1	1	2	3	0	2	4	b0588 fepC	618607	619422	inside		
pORF_-_619747	619747	619875	129	-	5	0	1	1	1	8	8	8						FP
pORF_-_622777	622777	623733	957	-	5	0	2	5	7	7	18	24	b0592 fepB	622777	623733	equal		
pORF_-_625485	625485	625799	315	-	4	0	1	1	1	3	3	3						FP
pORF_-_631612	631612	632700	1089	-	5	0	2	4	7	5	10	17	b0599 ybdH	631612	632700	equal		
pORF_-_633797	633797	633892	96	-	6	1	1	1	1	0	0	0						FP
pORF_-_634572	634572	635792	1221	-	4	0	1	1	1	2	2	2	b0602 ybdN	634572	635792	equal		
pORF_-_637050	637050	637856	807	-	4	3	3	3	5	0	0	7	b0604 dsbG	637050	637796	inside		
pORF_-_640662	640662	641090	429	-	4	3	15	23	39	683	755	1037	b0607 uspG	640662	641090	equal		
pORF_-_641872	641872	641985	114	-	5	0	1	1	1	6	6	6						FP
pORF_-_642780	642780	643190	411	-	4	0	11	12	12	210	212	212	b0610 rnk	642780	643190	equal		
pORF_-_643420	643420	644244	825	-	5	4	9	12	17	16	26	42	b0611 rna	643420	644226	inside		
pORF_-_653806	653806	655191	1386	-	5	0	2	2	2	4	4	4	b0621 dcuC	653806	655191	equal		
pORF_-_656731	656731	656970	240	-	5	0	1	2	2	13	17	17						FP
pORF_-_658474	658474	659439	966	-	5	8	12	19	21	76	102	109	b0628 lipA	658474	659439	equal		
pORF_-_660860	660860	661501	642	-	6	0	2	4	5	27	32	35	b0630 lipB	660860	661501	equal		
pORF_-_661602	661602	661865	264	-	4	4	16	21	24	482	554	575	b0631 ybeD	661602	661865	equal		
pORF_-_661975	661975	663258	1284	-	5	12	26	39	57	115	173	258	b0632 dacA	661975	663186	inside		
pORF_-_663325	663325	664413	1089	-	5	0	8	16	22	120	148	175	b0633 rlpA	663325	664413	equal		
pORF_-_665539	665539	667440	1902	-	5	0	0	5	10	0	13	27	b0635 mrdA	665539	667440	equal		
pORF_-_667471	667471	667938	468	-	5	0	1	3	3	3	7	7	b0636 ybeA	667471	667938	equal		
pORF_-_667942	667942	668259	318	-	5	4	10	12	14	512	519	523	b0637 ybeB	667942	668259	equal		
pORF_-_668184	668184	668234	51	-	4	0	1	1	1	6	6	6						FP
pORF_-_669797	669797	670828	1032	-	6	0	0	1	1	0	2	2	b0640 holA	669797	670828	equal		
pORF_-_670828	670828	671409	582	-	5	0	2	5	8	13	31	57	b0641 rlpB	670828	671409	equal		

pORF_-_671424	671424	674147	2724	-	4	44	77	125	163	488	738	944	b0642	leuS	671424	674006	inside	
pORF_-_680946	680946	682616	1671	-	4	1	1	1	1	0	0	0	b0650	hscC	680946	682616	equal	
pORF_-_682700	682700	683668	969	-	6	0	1	3	4	8	12	15	b0651	rihA	682700	683635	inside	
pORF_-_683753	683753	684478	726	-	6	2	5	6	7	61	66	68	b0652	gltL	683753	684478	equal	
pORF_-_685152	685152	685892	741	-	4	0	0	1	3	0	3	7	b0654	gltJ	685152	685892	equal	
pORF_-_686062	686062	687045	984	-	5	3	31	50	75	918	1032	1224	b0655	gltI	686062	686970	inside	
pORF_-_687220	687220	688236	1017	-	5	0	0	46	46	0	158	158	b0656	insH	687220	688236	equal	
pORF_-_688566	688566	690104	1539	-	4	2	2	4	7	0	7	18	b0657	lnt	688566	690104	equal	
pORF_-_690129	690129	691007	879	-	4	3	10	17	25	55	81	107	b0658	ybeX	690129	691007	equal	
pORF_-_691097	691097	691564	468	-	6	0	0	2	4	0	4	9	b0659	ybeY	691097	691564	equal	
pORF_-_691561	691561	692640	1080	-	5	13	34	45	54	352	398	443	b0660	ybeZ	691561	692601	inside	
pORF_-_692754	692754	694178	1425	-	4	13	23	38	39	45	113	115	b0661	miaB	692754	694178	equal	
pORF_-_695417	695417	695728	312	-	6	0	0	1	1	0	2	2						FP
pORF_-_696736	696736	698481	1746	-	5	11	18	36	55	71	179	314	b0674	asnB	696736	698400	inside	
pORF_-_698797	698797	699549	753	-	5	2	6	16	26	22	61	104	b0675	nagD	698797	699549	equal	
pORF_-_699597	699597	700817	1221	-	4	0	5	11	17	18	32	47	b0676	nagC	699597	700817	equal	
pORF_-_700826	700826	701974	1149	-	6	0	3	10	16	61	88	121	b0677	nagA	700826	701974	equal	
pORF_-_702034	702034	702834	801	-	5	5	22	28	34	353	380	417	b0678	nagB	702034	702834	equal	
pORF_-_709423	709423	709869	447	-	5	4	20	29	34	484	508	520	b0683	fur	709423	709869	equal	
pORF_-_710158	710158	710805	648	-	5	4	10	16	20	128	161	179	b0684	fldA	710158	710688	inside	
pORF_-_710828	710828	711190	363	-	6	0	1	1	1	4	4	4	b0685	ybfE	710828	711121	inside	
pORF_-_711261	711261	712025	765	-	4	2	6	12	20	97	125	173	b0686	ybfF	711261	712025	equal	
pORF_-_713289	713289	713375	87	-	4	0	1	1	1	4	4	4						FP
pORF_-_714396	714396	714599	204	-	4	0	0	1	1	0	3	3						FP
pORF_-_714604	714604	714783	180	-	5	0	1	1	1	2	2	2						FP
pORF_-_717485	717485	719683	2199	-	6	1	1	1	1	0	0	0	b0693	speF	717485	719683	equal	
pORF_-_720953	720953	723679	2727	-	6	0	0	1	3	0	7	13	b0695	kdpD	720953	723637	inside	
pORF_-_731332	731332	731751	420	-	5	0	5	5	5	14	14	14						FP
pORF_-_731672	731672	731863	192	-	6	0	0	1	1	0	5	5						FP
pORF_-_733332	733332	733622	291	-	4	0	2	2	2	8	8	8						FP
pORF_-_734393	734393	734569	177	-	6	0	1	1	1	4	4	4						FP
pORF_-_736138	736138	736341	204	-	5	0	0	1	1	0	4	4						FP
pORF_-_752408	752408	753691	1284	-	6	12	42	71	112	1248	1869	2810	b0720	gltA	752408	753691	equal	
pORF_-_758160	758160	758312	153	-	4	0	0	1	1	0	2	2						FP
pORF_-_762989	762989	763294	306	-	6	0	1	1	1	2	2	2						FP
pORF_-_769204	769204	769335	132	-	5	0	1	1	1	2	2	2						FP
pORF_-_784160	784160	784540	381	-	6	0	4	8	14	37	68	126	b0753	ybgS	784160	784540	equal	
pORF_-_786066	786066	786833	768	-	4	21	84	106	136	5435	5690	5994	b0755	gpmA	786066	786818	inside	
pORF_-_787020	787020	788060	1041	-	4	5	12	23	37	135	216	277	b0756	galM	787020	788060	equal	
pORF_-_788054	788054	789202	1149	-	6	8	14	16	19	27	33	42	b0757	galK	788054	789202	equal	
pORF_-_789206	789206	790252	1047	-	6	3	4	5	7	2	9	17	b0758	galT	789206	790252	equal	
pORF_-_790262	790262	791320	1059	-	6	5	14	23	31	208	260	324	b0759	galE	790262	791278	inside	
pORF_-_791539	791539	793023	1485	-	5	1	3	10	18	7	34	62	b0760	modF	791539	793011	inside	
pORF_-_793079	793079	793867	789	-	6	3	4	6	10	6	10	19	b0761	modE	793079	793867	equal	
pORF_-_796248	796248	796580	333	-	4	0	1	1	1	4	4	4						FP
pORF_-_796836	796836	797756	921	-	4	3	5	8	8	31	44	44	b0766	ybhA	796836	797654	inside	

pORF_-_1061773	1061773	1062093	321	-	5	0	2	2	2	16	16	16	b0999	cbpM	1061773	1062078	inside	
pORF_-_1062078	1062078	1062998	921	-	4	0	1	5	14	7	34	151	b1000	cbpA	1062078	1062998	equal	
pORF_-_1064098	1064098	1064301	204	-	5	0	1	1	1	2	2	2					equal	FP
pORF_-_1066087	1066087	1066314	228	-	5	2	9	12	16	97	131	201	b1003	yccJ	1066087	1066314	equal	
pORF_-_1066335	1066335	1066931	597	-	4	8	23	32	44	217	310	484	b1004	wrbA	1066335	1066931	equal	
pORF_-_1071196	1071196	1071309	114	-	5	0	1	1	1	2	2	2					equal	FP
pORF_-_1074143	1074143	1078171	4029	-	6	16	16	20	22	0	12	16	b1014	putA	1074143	1078105	inside	
pORF_-_1076866	1076866	1077012	147	-	5	0	1	1	1	2	2	2					equal	FP
pORF_-_1079245	1079245	1079484	240	-	5	0	0	1	2	0	6	12					equal	FP
pORF_-_1087062	1087062	1089080	2019	-	4	0	0	0	1	0	0	2	b1023	pgaB	1087062	1089080	equal	
pORF_-_1089089	1089089	1091512	2424	-	6	0	1	1	1	10	10	10	b1024	pgaA	1089089	1091512	equal	
pORF_-_1093498	1093498	1094364	867	-	5	0	0	0	5	0	0	10	b1026	insF	1093498	1094364	equal	
pORF_-_1094361	1094361	1094669	309	-	4	0	0	5	10	0	10	35	b1027	insE	1094361	1094669	equal	
pORF_-_1095974	1095974	1096147	174	-	6	0	2	2	2	5	5	5					equal	FP
pORF_-_1100074	1100074	1100907	834	-	5	0	1	1	1	3	3	3	b1037	csgG	1100074	1100907	equal	
pORF_-_1100934	1100934	1101350	417	-	4	0	2	2	2	4	4	4	b1038	csgF	1100934	1101350	equal	
pORF_-_1101769	1101769	1102419	651	-	5	0	2	2	2	7	7	7	b1040	csgD	1101769	1102419	equal	
pORF_-_1109957	1109957	1110256	300	-	6	0	2	2	2	4	4	4					equal	FP
pORF_-_1113030	1113030	1113407	378	-	4	2	4	7	13	6	30	86	b1051	msyB	1113030	1113404	inside	
pORF_-_1113487	1113487	1114713	1227	-	5	0	1	1	1	2	2	2	b1053	mdtG	1113487	1114713	equal	
pORF_-_1114885	1114885	1115868	984	-	5	0	0	1	2	0	3	6	b1054	lpxL	1114885	1115805	inside	
pORF_-_1117124	1117124	1117699	576	-	6	1	4	13	19	24	54	73	b1056	yceI	1117124	1117699	equal	
pORF_-_1118691	1118691	1119809	1119	-	4	6	8	18	26	28	61	88	b1059	solA	1118691	1119809	equal	
pORF_-_1119924	1119924	1120181	258	-	4	0	0	2	2	0	15	15	b1060	bssS	1119924	1120178	inside	
pORF_-_1120465	1120465	1120842	378	-	5	0	1	1	1	2	2	2	b1061	dinI	1120465	1120710	inside	
pORF_-_1120784	1120784	1121830	1047	-	6	7	34	48	67	1047	1157	1320	b1062	pyrC	1120784	1121830	equal	
pORF_-_1121936	1121936	1122697	762	-	6	0	0	3	6	0	12	21	b1063	yceB	1121936	1122496	inside	
pORF_-_1122630	1122630	1123277	648	-	4	6	26	36	46	335	372	409	b1064	grxB	1122630	1123277	equal	
pORF_-_1123341	1123341	1124579	1239	-	4	0	0	1	2	0	2	5	b1065	mdtH	1123341	1124549	inside	
pORF_-_1128637	1128637	1129053	417	-	5	0	1	3	3	2	7	7	b1070	flgN	1128637	1129053	equal	
pORF_-_1129058	1129058	1129351	294	-	6	0	1	2	2	24	27	27	b1071	flgM	1129058	1129351	equal	
pORF_-_1140405	1140405	1143590	3186	-	4	14	57	91	133	1221	1411	1627	b1084	rne	1140405	1143590	equal	
pORF_-_1145234	1145234	1145857	624	-	6	0	2	7	12	12	31	50	b1087	yceF	1145234	1145818	inside	
pORF_-_1148135	1148135	1148266	132	-	6	0	1	1	1	2	2	2					equal	FP
pORF_-_1152658	1152658	1152858	201	-	5	0	1	1	1	2	2	2					equal	FP
pORF_-_1157398	1157398	1158522	1125	-	5	0	1	1	1	2	2	2					equal	FP
pORF_-_1158585	1158585	1160774	2190	-	4	0	4	4	4	63	63	63	b1102	fhuE	1158585	1160774	equal	
pORF_-_1161878	1161878	1162003	126	-	6	0	1	1	1	2	2	2					equal	FP
pORF_-_1165260	1165260	1165898	639	-	4	0	0	0	1	0	0	7					equal	FP
pORF_-_1166719	1166719	1166805	87	-	5	0	1	1	1	2	2	2					equal	FP
pORF_-_1167423	1167423	1168133	711	-	4	0	0	1	2	0	2	5	b1111	yceQ	1167423	1168055	inside	
pORF_-_1168635	1168635	1169600	966	-	4	2	2	2	2	0	0	0	b1113	yceS	1168635	1169597	inside	
pORF_-_1169741	1169741	1173250	3510	-	6	8	9	23	36	4	52	102	b1114	mfd	1169741	1173187	inside	
pORF_-_1181006	1181006	1182052	1047	-	6	17	24	37	54	59	100	219	b1123	potD	1181006	1182052	equal	
pORF_-_1183681	1183681	1184817	1137	-	5	9	15	22	29	85	105	121	b1126	potA	1183681	1184817	equal	
pORF_-_1186342	1186342	1187472	1131	-	5	0	6	15	23	90	120	151	b1128	yceD	1186342	1187463	inside	

pORF_-_1187539	1187539	1188999	1461	-	5	0	0	2	3	0	4	6	b1129	phoQ	1187539	1188999	equal	
pORF_-_1188999	1188999	1189670	672	-	4	7	14	26	37	343	394	455	b1130	phoP	1188999	1189670	equal	
pORF_-_1189839	1189839	1191209	1371	-	4	19	48	71	91	747	1112	1335	b1131	purB	1189839	1191209	equal	
pORF_-_1191213	1191213	1191860	648	-	4	0	1	2	4	7	9	13	b1132	hflD	1191213	1191854	inside	
pORF_-_1191890	1191890	1193041	1152	-	6	4	7	13	17	27	51	69	b1133	mnmA	1191890	1192996	inside	
pORF_-_1193050	1193050	1193511	462	-	5	0	0	1	4	0	2	10	b1134	nudJ	1193050	1193511	equal	
pORF_-_1196756	1196756	1197469	714	-	6	1	1	1	1	0	0	0	b1138	ymfE	1196756	1197460	inside	
pORF_-_1198902	1198902	1200029	1128	-	4	0	1	1	1	2	2	2	b1140	intE	1198902	1200029	equal	
pORF_-_1201482	1201482	1202156	675	-	4	0	1	2	3	3	6	9	b1145	ymfK	1201482	1202156	equal	
pORF_-_1212551	1212551	1213282	732	-	6	0	0	1	1	0	2	2	b1162	ycgE	1212551	1213282	equal	
pORF_-_1221528	1221528	1221863	336	-	4	0	3	3	3	9	9	9	b1171	ymgD	1221528	1221857	inside	
pORF_-_1221867	1221867	1222211	345	-	4	0	0	0	1	0	0	3	b1172	ymgG	1221867	1222151	inside	
pORF_-_1223502	1223502	1223768	267	-	4	3	10	15	19	149	179	195	b1174	minE	1223502	1223768	equal	
pORF_-_1223772	1223772	1224584	813	-	4	8	37	51	64	1013	1110	1196	b1175	minD	1223772	1224584	equal	
pORF_-_1224608	1224608	1225318	711	-	6	2	3	8	12	7	29	51	b1176	minC	1224608	1225303	inside	
pORF_-_1226294	1226294	1226695	402	-	6	4	11	18	29	56	176	428	b1178	ycgK	1226294	1226695	equal	
pORF_-_1232114	1232114	1232314	201	-	6	0	2	2	2	5	5	5						
pORF_-_1232399	1232399	1233994	1596	-	6	0	0	1	2	0	2	4	b1186	nhaB	1232399	1233940	inside	
pORF_-_1234932	1234932	1236464	1533	-	4	0	0	0	9	0	0	40	b1188	ycgB	1234932	1236464	equal	
pORF_-_1236853	1236853	1237086	234	-	5	0	0	1	1	0	2	2						FP
pORF_-_1239558	1239558	1241294	1737	-	4	0	0	1	1	0	2	2	b1191	cvrA	1239558	1241294	equal	
pORF_-_1241389	1241389	1242303	915	-	5	4	4	9	12	0	11	23	b1192	ldcA	1241389	1242303	equal	
pORF_-_1243016	1243016	1243750	735	-	6	0	0	5	7	0	19	23	b1194	ycgR	1243016	1243750	equal	
pORF_-_1244902	1244902	1246602	1701	-	5	0	11	13	30	60	68	133	b1197	treA	1244902	1246599	inside	
pORF_-_1246919	1246919	1248343	1425	-	6	3	7	16	27	36	73	106	b1198	dhaM	1246919	1248340	inside	
pORF_-_1248348	1248348	1249058	711	-	4	1	14	18	22	119	135	151	b1199	dhaL	1248348	1248980	inside	
pORF_-_1248991	1248991	1250091	1101	-	5	2	9	15	19	158	180	201	b1200	dhaK	1248991	1250061	inside	
pORF_-_1252308	1252308	1255175	2868	-	4	1	1	1	1	0	0	0	b1202	ycgV	1252308	1255175	equal	
pORF_-_1255944	1255944	1257035	1092	-	4	13	43	60	77	1082	1184	1268	b1203	ychF	1255944	1257035	equal	
pORF_-_1257152	1257152	1257736	585	-	6	8	9	13	17	5	20	40	b1204	pth	1257152	1257736	equal	
pORF_-_1258347	1258347	1260026	1680	-	4	0	0	2	2	0	5	5	b1206	ychM	1258347	1260026	equal	
pORF_-_1260151	1260151	1261164	1014	-	5	15	60	76	95	2780	2904	3016	b1207	prs	1260151	1261098	inside	
pORF_-_1261249	1261249	1262100	852	-	5	0	0	6	12	0	16	37	b1208	ispE	1261249	1262100	equal	
pORF_-_1262100	1262100	1262723	624	-	4	2	4	9	13	8	23	36	b1209	lolB	1262100	1262723	equal	
pORF_-_1271390	1271390	1271635	246	-	6	0	1	1	1	7	7	7						FP
pORF_-_1272469	1272469	1272822	354	-	5	4	8	12	15	49	78	115	b1219	ychN	1272469	1272822	equal	
pORF_-_1273452	1273452	1273646	195	-	4	0	0	1	1	0	4	4						FP
pORF_-_1274402	1274402	1275166	765	-	6	2	10	16	22	178	210	244	b1221	narL	1274402	1275052	inside	
pORF_-_1275045	1275045	1276841	1797	-	4	0	0	3	6	0	10	18	b1222	narX	1275045	1276841	equal	
pORF_-_1278222	1278222	1278380	159	-	4	0	1	1	1	2	2	2						FP
pORF_-_1281070	1281070	1282383	1314	-	5	0	1	1	1	2	2	2						FP
pORF_-_1287005	1287005	1287847	843	-	6	8	16	24	30	174	241	308	b1232	purU	1287005	1287847	equal	
pORF_-_1289019	1289019	1289219	201	-	4	0	1	1	1	4	4	4						FP
pORF_-_1291732	1291732	1292145	414	-	5	10	77	89	103	4578	4748	4960	b1237	hns	1291732	1292145	equal	
pORF_-_1294669	1294669	1297344	2676	-	5	45	159	221	287	4011	4594	5457	b1241	adhE	1294669	1297344	equal	
pORF_-_1304845	1304845	1305252	408	-	5	0	1	1	1	14	14	14	b1248	yciU	1304845	1305174	inside	

pORF_-_1305209	1305209	1306669	1461	-	6	0	0	3	6	0	10	22	b1249	cls	1305209	1306669	equal	
pORF_-_1307040	1307040	1308311	1272	-	4	0	2	3	4	16	19	21	b1250	kch	1307040	1308293	inside	
pORF_-_1308593	1308593	1308985	393	-	6	0	2	3	4	75	81	91	b1251	yciI	1308593	1308889	inside	
pORF_-_1309872	1309872	1310270	399	-	4	0	0	4	6	0	16	28	b1253	yciA	1309872	1310270	equal	
pORF_-_1312742	1312742	1313248	507	-	6	0	1	4	8	2	9	20	b1257	yciE	1312742	1313248	equal	
pORF_-_1313294	1313294	1313842	549	-	6	0	3	6	9	16	26	51	b1258	yciF	1313294	1313794	inside	
pORF_-_1313880	1313880	1314116	237	-	4	0	0	0	1	0	0	3	b1259	yciG	1313880	1314059	inside	
pORF_-_1314440	1314440	1315246	807	-	6	3	40	57	73	691	903	1187	b1260	trpA	1314440	1315246	equal	
pORF_-_1315246	1315246	1316439	1194	-	5	0	20	39	58	1007	1170	1350	b1261	trpB	1315246	1316439	equal	
pORF_-_1316451	1316451	1317812	1362	-	4	0	8	26	40	63	175	250	b1262	trpC	1316451	1317809	inside	
pORF_-_1317813	1317813	1319408	1596	-	4	0	6	24	39	203	338	461	b1263	trpD	1317813	1319408	equal	
pORF_-_1319408	1319408	1320970	1563	-	6	0	7	26	39	46	126	182	b1264	trpE	1319408	1320970	equal	
pORF_-_1321515	1321515	1321712	198	-	4	0	1	1	1	2	2	2						FP
pORF_-_1325791	1325791	1326381	591	-	5	0	0	0	2	0	0	4	b1270	btuR	1325791	1326381	equal	
pORF_-_1326378	1326378	1327136	759	-	4	1	1	5	7	0	14	18	b1271	yciK	1326378	1327136	equal	
pORF_-_1328441	1328441	1328692	252	-	6	2	2	6	9	0	10	20	b1273	yciN	1328441	1328692	equal	
pORF_-_1336594	1336594	1337247	654	-	5	0	1	5	7	4	15	21	b1277	ribA	1336594	1337184	inside	
pORF_-_1341134	1341134	1341352	219	-	6	0	0	1	3	0	121	428	b1283	osmB	1341134	1341352	equal	
pORF_-_1341621	1341621	1342370	750	-	4	3	7	13	18	15	33	48	b1284	yciT	1341621	1342370	equal	
pORF_-_1342460	1342460	1342642	183	-	6	0	2	2	2	14	14	14	b4596	yciZ	1342460	1342633	inside	
pORF_-_1345002	1345002	1346936	1935	-	4	20	52	87	119	688	898	1231	b1286	rnb	1345002	1346936	equal	
pORF_-_1347004	1347004	1348209	1206	-	5	0	1	1	1	12	12	12	b1287	yciW	1347004	1348131	inside	
pORF_-_1348275	1348275	1349063	789	-	4	12	53	70	91	1990	2251	2479	b1288	fabI	1348275	1349063	equal	
pORF_-_1349852	1349852	1350658	807	-	6	0	0	1	3	0	3	8	b1290	sapF	1349852	1350658	equal	
pORF_-_1350660	1350660	1351652	993	-	4	0	0	0	2	0	0	4	b1291	sapD	1350660	1351652	equal	
pORF_-_1352529	1352529	1353494	966	-	4	0	0	0	1	0	0	2	b1293	sapB	1352529	1353494	equal	
pORF_-_1353007	1353007	1353096	90	-	5	0	0	0	1	0	0	2						FP
pORF_-_1353491	1353491	1355134	1644	-	6	3	4	6	10	3	11	24	b1294	sapA	1353491	1355134	equal	
pORF_-_1355447	1355447	1355692	246	-	6	1	1	3	5	0	5	10	b1295	ymjA	1355447	1355692	equal	
pORF_-_1355826	1355826	1357265	1440	-	4	0	1	2	2	2	5	5	b1296	puuP	1355826	1357211	inside	
pORF_-_1357514	1357514	1359010	1497	-	6	0	0	1	5	0	6	18	b1297	puuA	1357514	1358932	inside	
pORF_-_1362430	1362430	1362801	372	-	5	0	1	1	1	2	2	2						FP
pORF_-_1363054	1363054	1363371	318	-	5	0	0	1	1	0	9	9						FP
pORF_-_1364357	1364357	1364497	141	-	6	0	0	1	1	0	6	6						FP
pORF_-_1364959	1364959	1365951	993	-	5	0	1	1	2	2	2	5	b1303	pspF	1364959	1365936	inside	
pORF_-_1386329	1386329	1386835	507	-	6	9	33	46	61	2512	3345	4152	b1324	tpx	1386329	1386835	equal	
pORF_-_1387894	1387894	1388682	789	-	5	0	1	1	1	6	6	6	b1326	mpaA	1387894	1388682	equal	
pORF_-_1389628	1389628	1389795	168	-	5	0	1	1	1	2	2	2						FP
pORF_-_1392915	1392915	1393946	1032	-	4	0	0	1	2	0	2	4	b1330	ynaI	1392915	1393946	equal	
pORF_-_1395696	1395696	1396673	978	-	4	3	8	19	31	91	183	403	b1333	uspE	1395696	1396646	inside	
pORF_-_1396798	1396798	1397607	810	-	5	2	7	14	16	67	88	96	b1334	fnr	1396798	1397550	inside	
pORF_-_1404587	1404587	1405879	1293	-	6	0	1	1	1	4	4	4	b1341	ydaM	1404587	1405819	inside	
pORF_-_1407939	1407939	1408181	243	-	4	0	1	1	1	2	2	2						FP
pORF_-_1409037	1409037	1409972	936	-	4	5	7	13	14	15	29	31	b1344	ttcA	1409037	1409972	equal	
pORF_-_1412810	1412810	1415410	2601	-	6	0	0	0	1	0	0	3	b1350	recE	1412810	1415410	equal	
pORF_-_1417789	1417789	1418265	477	-	5	0	0	1	1	0	2	2	b1356	racR	1417789	1418265	equal	

pORF_-_1425770	1425770	1426750	981	-	6	0	0	24	24	0	48	48	b1370	insH	1425770	1426750	equal	
pORF_-_1431108	1431108	1431698	591	-	4	0	3	3	3	6	6	6	b1374	pinR	1431108	1431698	equal	
pORF_-_1433209	1433209	1433715	507	-	5	0	8	14	26	242	275	380	b1376	uspF	1433209	1433643	inside	
pORF_-_1433784	1433784	1434917	1134	-	4	11	15	23	23	20	44	44	b1377	ompN	1433784	1434917	equal	
pORF_-_1435284	1435284	1438808	3525	-	4	3	3	13	28	0	27	80	b1378	ydbK	1435284	1438808	equal	
pORF_-_1439345	1439345	1439779	435	-	6	0	0	3	6	0	6	13	b1379	hslJ	1439345	1439767	inside	
pORF_-_1439878	1439878	1440867	990	-	5	8	11	21	30	50	106	166	b1380	ldhA	1439878	1440867	equal	
pORF_-_1449621	1449621	1451666	2046	-	4	1	1	1	1	0	0	0	b1387	maoC	1449621	1451666	equal	
pORF_-_1461939	1461939	1462106	168	-	4	0	0	1	2	0	20	40						FP
pORF_-_1471491	1471491	1471538	48	-	4	0	1	1	1	3	3	3						FP
pORF_-_1477265	1477265	1477555	291	-	6	0	1	1	1	3	3	3						FP
pORF_-_1480279	1480279	1480884	606	-	5	3	6	14	18	24	95	113	b1412	azoR	1480279	1480884	equal	
pORF_-_1486636	1486636	1487091	456	-	5	0	1	1	1	2	2	2						FP
pORF_-_1487985	1487985	1488389	405	-	4	1	1	1	1	0	0	0	b4493	gapC	1487737	1488737	contain	
pORF_-_1488621	1488621	1488737	117	-	4	2	2	2	2	0	0	0						
pORF_-_1492172	1492172	1493236	1065	-	6	0	3	6	7	11	19	21	b1422	ydcI	1492172	1493095	inside	
pORF_-_1499292	1499292	1499582	291	-	4	0	1	1	1	5	5	5						FP
pORF_-_1504835	1504835	1505575	741	-	6	0	1	1	1	17	17	17						FP
pORF_-_1509762	1509762	1510562	801	-	4	0	1	1	1	2	2	2						FP
pORF_-_1511506	1511506	1511667	162	-	5	0	1	1	1	5	5	5						FP
pORF_-_1514320	1514320	1514517	198	-	5	0	0	1	1	0	7	7						FP
pORF_-_1516031	1516031	1516219	189	-	6	1	1	1	1	0	0	0						FP
pORF_-_1518987	1518987	1521089	2103	-	4	0	1	2	3	6	8	10	b1451	yncD	1518987	1521089	equal	
pORF_-_1522505	1522505	1524055	1551	-	6	0	0	1	2	0	3	5	b1453	ansP	1522505	1524004	inside	
pORF_-_1531306	1531306	1531923	618	-	5	0	1	1	3	3	3	7	b1462	yddH	1531306	1531875	inside	
pORF_-_1532989	1532989	1533882	894	-	5	0	2	3	4	19	22	27	b1464	yddE	1532989	1533882	equal	
pORF_-_1534638	1534638	1535333	696	-	4	0	1	1	1	4	4	4	b1466	narW	1534638	1535333	equal	
pORF_-_1536874	1536874	1540671	3798	-	5	1	1	1	1	0	0	0	b1468	narZ	1536874	1540614	inside	
pORF_-_1539003	1539003	1539224	222	-	4	0	1	1	1	3	3	3						FP
pORF_-_1542782	1542782	1543738	957	-	6	0	1	1	1	3	3	3	b1471	yddK	1542782	1543771	contain	
pORF_-_1543762	1543762	1544052	291	-	5	3	7	15	15	20	44	44	b1472	yddL	1543774	1544052	inside	
pORF_-_1550422	1550422	1550784	363	-	5	0	1	1	1	3	3	3	b1477	yddM	1550422	1550706	inside	
pORF_-_1550852	1550852	1551892	1041	-	6	0	9	9	9	67	67	67	b1478	adhP	1550852	1551862	inside	
pORF_-_1551996	1551996	1553720	1725	-	4	11	21	40	58	237	350	441	b1479	maeA	1551996	1553693	inside	
pORF_-_1552991	1552991	1553230	240	-	6	0	1	1	1	3	3	3						FP
pORF_-_1553850	1553850	1553987	138	-	4	1	1	1	1	0	0	0	b1480	sra	1553850	1553987	equal	
pORF_-_1556055	1556055	1557041	987	-	4	2	2	2	2	0	0	0	b1484	ddpD	1556055	1557041	equal	
pORF_-_1558955	1558955	1560643	1689	-	6	3	4	4	9	2	2	18	b1487	ddpA	1558955	1560505	inside	
pORF_-_1563782	1563782	1565164	1383	-	6	0	0	0	1	0	0	2	b1490	yddV	1563782	1565164	equal	
pORF_-_1566978	1566978	1568513	1536	-	4	0	0	2	6	0	7	35	b1492	gadC	1566978	1568513	equal	
pORF_-_1568669	1568669	1570138	1470	-	6	16	40	74	124	222	404	2066	b1493	gadB	1568669	1570069	inside	
pORF_-_1570431	1570431	1573226	2796	-	4	1	2	2	4	2	2	7	b1494	pqqL	1570431	1573226	equal	
pORF_-_1573271	1573271	1575643	2373	-	6	0	0	1	2	0	2	4	b1495	yddB	1573271	1575643	equal	
pORF_-_1578866	1578866	1580581	1716	-	6	0	0	0	6	0	0	13	b1498	ydeN	1578866	1580548	inside	
pORF_-_1582231	1582231	1584510	2280	-	5	1	2	2	2	2	2	2	b1501	ydeP	1582231	1584510	equal	
pORF_-_1584538	1584538	1584564	27	-	5	1	1	1	1	0	0	0						FP

pORF_-_1588878	1588878	1590257	1380	-	4	0	0	0	1	0	0	2	b1507	hipA	1588878	1590200	inside	
pORF_-_1592133	1592133	1596110	3978	-	4	1	1	2	2	0	2	2	b1510	ydeK	1592133	1596110	equal	
pORF_-_1596641	1596641	1598233	1593	-	6	0	0	0	4	0	0	10	b1511	lsrK	1596641	1598233	equal	
pORF_-_1598312	1598312	1599265	954	-	6	0	0	0	1	0	0	2	b1512	lsrR	1598312	1599265	equal	
pORF_-_1607253	1607253	1608704	1452	-	4	0	1	1	1	3	3	3	b1521	uxaB	1607253	1608704	equal	
pORF_-_1610349	1610349	1611275	927	-	4	0	0	3	3	0	8	8	b1524	yneH	1610349	1611275	equal	
pORF_-_1611339	1611339	1612751	1413	-	4	0	1	4	9	2	13	24	b1525	sad	1611339	1612727	inside	
pORF_-_1622129	1622129	1622521	393	-	6	0	0	0	1	0	0	2	b1536	ydeI	1622129	1622521	equal	
pORF_-_1623359	1623359	1625470	2112	-	6	10	25	45	60	135	269	369	b1538	dcp	1623359	1625404	inside	
pORF_-_1635633	1635633	1635809	177	-	4	5	41	47	53	609	642	676	b1550	gnsB	1635633	1635806	inside	
pORF_-_1636479	1636479	1636691	213	-	4	10	10	10	10	0	0	0	b1552	cspI	1636479	1636691	equal	
pORF_-_1637054	1637054	1637551	498	-	6	0	0	2	2	0	4	4	b1553	ydfP	1637054	1637551	equal	
pORF_-_1639363	1639363	1639578	216	-	5	12	16	16	16	8	8	8	b1557	cspB	1639363	1639578	equal	
pORF_-_1643657	1643657	1643896	240	-	6	0	2	4	8	14	18	26	b1564	relB	1643657	1643896	equal	
pORF_-_1648649	1648649	1648786	138	-	6	1	1	1	1	0	0	0						FP
pORF_-_1650920	1650920	1651963	1044	-	6	0	0	1	1	0	3	3	b1580	rspB	1650920	1651939	inside	
pORF_-_1664548	1664548	1665255	708	-	5	2	3	6	9	2	12	22	b1593	ynfK	1664548	1665243	inside	
pORF_-_1669412	1669412	1669696	285	-	6	0	1	1	1	5	5	5						FP
pORF_-_1672996	1672996	1674384	1389	-	5	2	19	29	42	416	567	723	b1602	pntB	1672996	1674384	equal	
pORF_-_1674395	1674395	1675981	1587	-	6	3	28	51	77	659	1129	1825	b1603	pntA	1674395	1675927	inside	
pORF_-_1683209	1683209	1684612	1404	-	6	0	14	18	25	175	196	251	b1611	fumC	1683209	1684612	equal	
pORF_-_1684755	1684755	1686401	1647	-	4	8	29	67	86	857	1079	1148	b1612	fumA	1684755	1686401	equal	
pORF_-_1687915	1687915	1688169	255	-	5	0	1	1	1	2	2	2						FP
pORF_-_1694486	1694486	1695076	591	-	6	0	2	2	3	47	47	49	b1618	uidR	1694486	1695076	equal	
pORF_-_1695297	1695297	1696064	768	-	4	4	10	18	27	40	70	132	b1619	hdhA	1695297	1696064	equal	
pORF_-_1697324	1697324	1697686	363	-	6	0	1	1	2	8	8	20						FP
pORF_-_1701292	1701292	1702371	1080	-	5	0	1	3	5	3	8	12	b1624	ydgJ	1701292	1702332	inside	
pORF_-_1704743	1704743	1704928	186	-	6	0	0	1	2	0	20	40						FP
pORF_-_1705963	1705963	1707270	1308	-	5	0	1	1	1	3	3	3						FP
pORF_-_1713050	1713050	1713913	864	-	6	5	6	12	16	40	98	120	b1636	pdxY	1713050	1713913	equal	
pORF_-_1713972	1713972	1715258	1287	-	4	17	33	58	77	464	613	790	b1637	tyrS	1713972	1715246	inside	
pORF_-_1715375	1715375	1716031	657	-	6	4	11	17	22	64	85	100	b1638	pdxH	1715375	1716031	equal	
pORF_-_1716517	1716517	1717626	1110	-	5	0	1	6	9	3	20	33	b1640	anmK	1716517	1717626	equal	
pORF_-_1718414	1718414	1718854	441	-	6	0	11	16	22	293	345	394	b1642	slyA	1718414	1718848	inside	
pORF_-_1722158	1722158	1722730	573	-	6	0	2	4	10	8	13	39	b1646	sodC	1722158	1722679	inside	
pORF_-_1722760	1722760	1723656	897	-	5	2	5	11	16	36	60	88	b1647	ydhF	1722760	1723656	equal	
pORF_-_1731778	1731778	1732125	348	-	5	4	11	15	19	416	475	494	b1654	grxD	1731778	1732125	equal	
pORF_-_1734145	1734145	1735314	1170	-	5	0	1	1	1	2	2	2	b1657	ydhP	1734145	1735314	equal	
pORF_-_1740625	1740625	1741266	642	-	5	4	13	19	25	203	235	269	b1662	ribC	1740625	1741266	equal	
pORF_-_1742895	1742895	1744151	1257	-	4	4	5	9	10	3	14	17	b1664	ydhQ	1742895	1744151	equal	
pORF_-_1749752	1749752	1751938	2187	-	6	0	0	0	1	0	0	2	b1673	ydhV	1749752	1751854	inside	
pORF_-_1752956	1752956	1753165	210	-	6	0	3	4	5	31	33	36	b1675	ydhZ	1752956	1753165	equal	
pORF_-_1755745	1755745	1756749	1005	-	5	1	9	14	28	62	79	182	b1678	ynhG	1755745	1756749	equal	
pORF_-_1756898	1756898	1757314	417	-	6	0	1	1	1	2	2	2	b1679	sufE	1756898	1757314	equal	
pORF_-_1757327	1757327	1758547	1221	-	6	0	0	5	10	0	16	36	b1680	sufS	1757327	1758547	equal	
pORF_-_1758544	1758544	1759815	1272	-	5	0	6	11	18	18	32	59	b1681	sufD	1758544	1759815	equal	

pORF_-_1759790	1759790	1760536	747	-	6	3	12	16	23	84	98	122	b1682	sufC	1759790	1760536	equal	
pORF_-_1760546	1760546	1762072	1527	-	6	0	2	5	8	5	11	24	b1683	sufB	1760546	1762033	inside	
pORF_-_1762042	1762042	1762410	369	-	5	3	5	6	8	27	30	39	b1684	sufA	1762042	1762410	equal	
pORF_-_1762958	1762958	1763227	270	-	6	0	2	2	2	88	88	88	b1685	ydiH	1762958	1763227	equal	
pORF_-_1763246	1763246	1763656	411	-	6	1	3	7	10	20	43	57	b1686	ydiI	1763246	1763656	equal	
pORF_-_1763653	1763653	1766709	3057	-	5	0	10	40	66	56	213	359	b1687	ydiJ	1763653	1766709	equal	
pORF_-_1772121	1772121	1772357	237	-	4	0	1	1	1	8	8	8						FP
pORF_-_1773955	1773955	1774122	168	-	5	0	1	1	1	2	2	2						FP
pORF_-_1778812	1778812	1778946	135	-	5	0	1	1	1	3	3	3						FP
pORF_-_1782758	1782758	1785136	2379	-	6	0	72	100	131	2454	2573	2719	b1702	pps	1782758	1785136	equal	
pORF_-_1787832	1787832	1789268	1437	-	4	0	0	1	4	0	5	12	b1706	ydiU	1787832	1789268	equal	
pORF_-_1789360	1789360	1789581	222	-	5	0	1	1	1	4	4	4						FP
pORF_-_1790833	1790833	1791582	750	-	5	1	1	1	1	0	0	0	b1709	btuD	1790833	1791582	equal	
pORF_-_1791582	1791582	1792133	552	-	4	0	15	22	27	276	296	317	b1710	btuE	1791582	1792133	equal	
pORF_-_1792164	1792164	1792571	408	-	4	0	1	1	1	4	4	4						FP
pORF_-_1793277	1793277	1793576	300	-	4	7	22	28	40	339	369	447	b1712	ihfA	1793277	1793576	equal	
pORF_-_1793444	1793444	1793629	186	-	6	0	2	2	2	10	10	10						FP
pORF_-_1793581	1793581	1795968	2388	-	5	29	82	115	145	1973	2168	2363	b1713	pheT	1793581	1795968	equal	
pORF_-_1794828	1794828	1794995	168	-	4	0	1	1	1	17	17	17						FP
pORF_-_1795983	1795983	1796978	996	-	4	15	32	50	65	528	626	719	b1714	pheS	1795983	1796966	inside	
pORF_-_1797417	1797417	1797773	357	-	4	3	46	54	66	5051	5103	5187	b1716	rplT	1797417	1797773	equal	
pORF_-_1797826	1797826	1798038	213	-	5	1	13	14	15	200	203	206	b1717	rpmI	1797826	1798023	inside	
pORF_-_1798120	1798120	1798554	435	-	5	12	51	61	69	1833	1928	2042	b1718	infC	1798120	1798662	contain	
pORF_-_1798666	1798666	1800594	1929	-	5	19	45	85	118	449	704	944	b1719	thrS	1798666	1800594	equal	
pORF_-_1803349	1803349	1804107	759	-	5	0	1	1	1	3	3	3	b1722	ydiY	1803349	1804107	equal	
pORF_-_1806721	1806721	1807257	537	-	5	0	0	0	1	0	0	2	b1726	yniB	1806721	1807257	equal	
pORF_-_1808249	1808249	1808374	126	-	6	1	1	1	1	0	0	0						FP
pORF_-_1817479	1817479	1817829	351	-	5	0	0	1	2	0	2	5	b1736	chbA	1817479	1817829	equal	
pORF_-_1817880	1817880	1819238	1359	-	4	0	1	1	1	2	2	2	b1737	chbC	1817880	1819238	equal	
pORF_-_1819323	1819323	1819643	321	-	4	0	1	1	2	2	2	6	b1738	chbB	1819323	1819643	equal	
pORF_-_1819942	1819942	1820280	339	-	5	0	4	11	17	388	442	513	b1739	osmE	1819942	1820280	equal	
pORF_-_1823164	1823164	1823649	486	-	5	0	0	1	4	0	2	9	b1743	spy	1823164	1823649	equal	
pORF_-_1824940	1824940	1826283	1344	-	5	0	1	1	1	2	2	2	b1745	astB	1824940	1826283	equal	
pORF_-_1826280	1826280	1827815	1536	-	4	0	0	0	1	0	0	4	b1746	astD	1826280	1827758	inside	
pORF_-_1827755	1827755	1828789	1035	-	6	0	0	0	1	0	0	2	b1747	astA	1827755	1828789	equal	
pORF_-_1827847	1827847	1828032	186	-	5	0	0	1	1	0	3	3						FP
pORF_-_1828786	1828786	1830006	1221	-	5	0	1	2	17	2	4	75	b1748	astC	1828786	1830006	equal	
pORF_-_1843023	1843023	1845041	2019	-	4	0	0	3	5	0	7	11	b1763	topB	1843023	1844984	inside	
pORF_-_1844989	1844989	1846038	1050	-	5	10	25	38	51	519	594	670	b1764	selD	1844989	1846032	inside	
pORF_-_1846149	1846149	1846700	552	-	4	6	14	20	26	627	656	697	b1765	ydjA	1846149	1846700	equal	
pORF_-_1848507	1848507	1848650	144	-	4	0	1	1	1	3	3	3						FP
pORF_-_1849126	1849126	1849221	96	-	5	0	0	0	1	0	0	2						FP
pORF_-_1852120	1852120	1852878	759	-	5	0	0	1	2	0	2	5	b1770	ydjF	1852120	1852878	equal	
pORF_-_1853015	1853015	1853995	981	-	6	0	0	0	1	0	0	2	b1771	ydjG	1853015	1853995	equal	
pORF_-_1854005	1854005	1854973	969	-	6	0	1	1	1	8	8	8	b1772	ydjH	1854005	1854952	inside	
pORF_-_1858280	1858280	1859356	1077	-	6	0	1	1	1	2	2	2	b1776	ydjL	1858280	1859356	equal	

pORF_-_1859726	1859726	1860043	318	-	6	0	1	3	3	20	27	27	b1777	yeaC	1859726	1859998	inside	
pORF_-_1860040	1860040	1860483	444	-	5	2	6	13	17	109	141	155	b1778	msrB	1860040	1860453	inside	
pORF_-_1863750	1863750	1864496	747	-	4	4	5	15	17	8	57	67	b1782	mipA	1863750	1864496	equal	
pORF_-_1878145	1878145	1878783	639	-	5	0	1	1	1	2	2	2	b1798	leuE	1878145	1878783	equal	
pORF_-_1886085	1886085	1887836	1752	-	4	0	3	5	19	8	13	72	b1805	fadD	1886085	1887770	inside	
pORF_-_1887975	1887975	1888556	582	-	4	1	3	5	8	6	12	24	b1806	yeaY	1887975	1888556	equal	
pORF_-_1888596	1888596	1889291	696	-	4	2	6	9	14	22	35	55	b1807	yeaZ	1888596	1889291	equal	
pORF_-_1892576	1892576	1892755	180	-	6	0	0	1	1	0	4	4	b1811	yoaH	1892576	1892755	equal	
pORF_-_1898053	1898053	1899609	1557	-	5	0	0	2	4	0	4	8	b1816	yoaE	1898053	1899609	equal	
pORF_-_1900599	1900599	1900745	147	-	4	0	1	1	1	2	2	2						FP
pORF_-_1904275	1904275	1905084	810	-	5	0	1	4	6	2	14	18	b1822	rrmA	1904275	1905084	equal	
pORF_-_1905250	1905250	1905459	210	-	5	13	30	33	37	2400	2604	2718	b1823	cspC	1905250	1905459	equal	
pORF_-_1906230	1906230	1906538	309	-	4	0	1	1	1	5	5	5						FP
pORF_-_1907332	1907332	1908123	792	-	5	10	16	22	27	61	86	109	b1827	kdgR	1907332	1908123	equal	
pORF_-_1909719	1909719	1910600	882	-	4	2	2	4	7	0	5	11	b1829	htpX	1909719	1910600	equal	
pORF_-_1910792	1910792	1912888	2097	-	6	6	30	48	66	388	508	601	b1830	prc	1910792	1912840	inside	
pORF_-_1912860	1912860	1913558	699	-	4	11	34	46	53	353	401	426	b1831	proQ	1912860	1913558	equal	
pORF_-_1913655	1913655	1914206	552	-	4	3	14	22	30	254	396	440	b1832	yebR	1913655	1914152	inside	
pORF_-_1914726	1914726	1914833	108	-	4	0	1	1	1	2	2	2						FP
pORF_-_1921389	1921389	1921730	342	-	4	2	5	10	15	22	40	57	b1839	yebY	1921389	1921730	equal	
pORF_-_1922619	1922619	1922993	375	-	4	0	1	3	4	6	16	29	b1841	yobA	1922619	1922993	equal	
pORF_-_1926281	1926281	1926622	342	-	6	0	1	1	1	2	2	2						FP
pORF_-_1927072	1927072	1927731	660	-	5	0	1	2	2	6	9	9	b1846	yebE	1927072	1927731	equal	
pORF_-_1928058	1928058	1928426	369	-	4	0	4	7	10	41	52	60	b1847	yebF	1928058	1928414	inside	
pORF_-_1928481	1928481	1928771	291	-	4	1	2	5	6	3	15	17	b1848	yebG	1928481	1928771	equal	
pORF_-_1930139	1930139	1930780	642	-	6	9	32	41	51	916	1177	1425	b1850	eda	1930139	1930780	equal	
pORF_-_1930817	1930817	1932628	1812	-	6	0	0	4	6	0	9	13	b1851	edd	1930817	1932628	equal	
pORF_-_1932863	1932863	1934338	1476	-	6	14	24	47	68	111	203	290	b1852	zwf	1932863	1934338	equal	
pORF_-_1935053	1935053	1935178	126	-	6	0	1	1	1	3	3	3						FP
pORF_-_1937246	1937246	1938217	972	-	6	2	2	5	9	0	11	23	b1855	lpxM	1937246	1938217	equal	
pORF_-_1938337	1938337	1939659	1323	-	5	0	2	3	3	28	30	30	b1856	yebA	1938337	1939659	equal	
pORF_-_1938555	1938555	1938728	174	-	4	0	1	1	1	2	2	2						FP
pORF_-_1939675	1939675	1940733	1059	-	5	10	55	88	125	2678	3037	3622	b1857	znuA	1939675	1940607	inside	
pORF_-_1942370	1942370	1943380	1011	-	6	1	3	7	10	4	15	23	b1860	ruvB	1942370	1943380	equal	
pORF_-_1943389	1943389	1944000	612	-	5	0	1	2	3	4	8	12	b1861	ruvA	1943389	1944000	equal	
pORF_-_1944879	1944879	1945403	525	-	4	1	2	2	2	2	2	2	b1863	ruvC	1944879	1945400	inside	
pORF_-_1945435	1945435	1946175	741	-	5	9	24	33	41	593	627	666	b1864	yebC	1945435	1946175	equal	
pORF_-_1946774	1946774	1948546	1773	-	6	23	58	90	119	1117	1337	1560	b1866	aspS	1946774	1948546	equal	
pORF_-_1951507	1951507	1951842	336	-	5	0	1	1	1	8	8	8						FP
pORF_-_1952602	1952602	1955049	2448	-	5	0	1	2	2	4	6	6	b1872	torZ	1952602	1955031	inside	
pORF_-_1956544	1956544	1957290	747	-	5	0	2	4	6	4	10	16	b1874	cutC	1956544	1957290	equal	
pORF_-_1957304	1957304	1957876	573	-	6	0	3	5	5	19	26	26	b1875	yecM	1957304	1957870	inside	
pORF_-_1960996	1960996	1963149	2154	-	5	0	0	1	1	0	2	2	b1879	flhA	1960996	1963074	inside	
pORF_-_1964417	1964417	1965091	675	-	6	0	8	12	12	72	84	84	b1881	cheZ	1964417	1965061	inside	
pORF_-_1965072	1965072	1965461	390	-	4	0	3	6	9	17	29	39	b1882	cheY	1965072	1965461	equal	
pORF_-_1965476	1965476	1966525	1050	-	6	0	2	4	4	6	13	13	b1883	cheB	1965476	1966525	equal	

pORF_-_1967407	1967407	1969011	1605	-	5	0	18	22	22	321	337	337	b1885	tap	1967407	1969008	inside	
pORF_-_1969054	1969054	1970736	1683	-	5	0	52	71	80	1259	1377	1400	b1886	tar	1969054	1970715	inside	
pORF_-_1970860	1970860	1971363	504	-	5	0	7	7	8	63	63	65	b1887	cheW	1970860	1971363	equal	
pORF_-_1971384	1971384	1973402	2019	-	4	0	24	35	35	301	338	338	b1888	cheA	1971384	1973348	inside	
pORF_-_1973353	1973353	1974279	927	-	5	0	1	1	1	2	2	2	b1889	motB	1973353	1974279	equal	
pORF_-_1974276	1974276	1975163	888	-	4	0	2	2	2	22	22	22	b1890	motA	1974276	1975163	equal	
pORF_-_1975871	1975871	1976230	360	-	6	0	0	1	1	0	2	2	b1892	flhD	1975871	1976221	inside	
pORF_-_1978212	1978212	1979645	1434	-	4	0	4	8	16	11	21	60	b1896	otsA	1978212	1979636	inside	
pORF_-_1979611	1979611	1980468	858	-	5	0	1	1	2	16	16	18	b1897	otsB	1979611	1980411	inside	
pORF_-_1980578	1980578	1981567	990	-	6	0	0	0	1	0	0	2	b4460	araH	1980578	1981564	inside	
pORF_-_1983163	1983163	1984203	1041	-	5	2	4	4	10	5	5	37	b1901	araF	1983163	1984152	inside	
pORF_-_1985531	1985531	1985782	252	-	6	0	2	4	6	66	72	78	b4537	yecJ	1985531	1985782	equal	
pORF_-_1987275	1987275	1987514	240	-	4	0	0	1	1	0	2	2	b1906	yecH	1987275	1987514	equal	
pORF_-_1988978	1988978	1989643	666	-	6	0	4	10	13	21	37	48	b1908	yecA	1988978	1989643	equal	
pORF_-_1990898	1990898	1992730	1833	-	6	0	1	4	5	2	11	13	b1913	uvrC	1990898	1992730	equal	
pORF_-_1992727	1992727	1993383	657	-	5	0	2	5	5	8	17	17	b1914	uvrY	1992727	1993383	equal	
pORF_-_1995086	1995086	1995838	753	-	6	2	16	20	23	248	261	271	b1917	yecC	1995086	1995838	equal	
pORF_-_1995835	1995835	1996503	669	-	5	0	0	1	1	0	2	2	b1918	yecS	1995835	1996503	equal	
pORF_-_1996518	1996518	1997600	1083	-	4	2	12	21	29	426	476	527	b1919	dcyD	1996518	1997504	inside	
pORF_-_1997609	1997609	1998466	858	-	6	13	61	75	87	1425	1471	1529	b1920	fliY	1997609	1998409	inside	
pORF_-_1999094	1999094	1999813	720	-	6	1	5	8	8	11	22	22	b1922	fliA	1999094	1999813	equal	
pORF_-_2000134	2000134	2001630	1497	-	5	0	45	65	65	1267	1415	1415	b1923	fliC	2000134	2001630	equal	
pORF_-_2005701	2005701	2006180	480	-	4	0	5	13	20	140	166	191	b1928	yedD	2005701	2006114	inside	
pORF_-_2010724	2010724	2011068	345	-	5	0	1	1	1	2	2	2	b1937	fliE	2010724	2011038	inside	
pORF_-_2016229	2016229	2016708	480	-	5	0	1	2	2	2	4	4						FP
pORF_-_2024347	2024347	2026056	1710	-	5	0	0	1	2	0	2	4	b1956	yedQ	2024347	2026041	inside	
pORF_-_2024655	2024655	2024816	162	-	4	0	1	1	2	2	2	7						FP
pORF_-_2026473	2026473	2027390	918	-	4	0	0	0	1	0	0	3	b1958	yedI	2026473	2027390	equal	
pORF_-_2028923	2028923	2030350	1428	-	6	0	1	3	4	3	7	9	b1961	dcm	2028923	2030341	inside	
pORF_-_2030408	2030408	2031103	696	-	6	0	0	1	1	0	2	2	b1962	yedJ	2030408	2031103	equal	
pORF_-_2033476	2033476	2033712	237	-	5	0	0	0	1	0	0	3						FP
pORF_-_2052636	2052636	2053001	366	-	4	0	1	1	1	2	2	2						FP
pORF_-_2054416	2054416	2054673	258	-	5	0	1	1	1	6	6	6						FP
pORF_-_2057988	2057988	2058938	951	-	4	1	1	2	2	0	2	2	b1987	cbl	2057988	2058938	equal	
pORF_-_2060415	2060415	2061350	936	-	4	0	4	7	19	392	410	471	b1990	erfK	2060415	2061347	inside	
pORF_-_2061412	2061412	2062491	1080	-	5	0	0	4	5	0	11	13	b1991	cobT	2061412	2062491	equal	
pORF_-_2064329	2064329	2065345	1017	-	6	0	0	46	46	0	158	158	b1994	insH	2064329	2065345	equal	
pORF_-_2068621	2068621	2069022	402	-	5	0	1	1	1	5	5	5						FP
pORF_-_2077056	2077056	2077451	396	-	4	3	34	42	51	1236	1741	2073	b2007	yeeX	2077056	2077385	inside	
pORF_-_2078813	2078813	2079286	474	-	6	0	2	3	6	21	25	36	b2009	sbmC	2078813	2079286	equal	
pORF_-_2079405	2079405	2080577	1173	-	4	2	2	2	2	0	0	0	b2010	dacD	2079405	2080571	inside	
pORF_-_2082250	2082250	2082477	228	-	5	0	1	2	2	5	7	7	b2012	yeeD	2082250	2082477	equal	
pORF_-_2083728	2083728	2085092	1365	-	4	3	4	4	4	3	3	3	b2014	yeeF	2083728	2085086	inside	
pORF_-_2086328	2086328	2087152	825	-	6	3	13	19	30	198	242	297	b2016	yeeZ	2086328	2087152	equal	
pORF_-_2087486	2087486	2087764	279	-	6	0	1	1	1	2	2	2	b2017	yefM	2087486	2087737	inside	
pORF_-_2095345	2095345	2096361	1017	-	5	9	16	28	41	146	210	271	b2027	cld	2095345	2096325	inside	

pORF_-_2097886	2097886	2099292	1407	-	5	45	123	166	211	3684	4495	5222	b2029	gnd	2097886	2099292	equal	
pORF_-_2099919	2099919	2100935	1017	-	4	0	0	46	46	0	158	158	b2030	insH	2099919	2100935	equal	
pORF_-_2100940	2100940	2101413	474	-	5	0	0	1	1	0	2	2	b4571	wbbL	2100968	2101413	inside	
pORF_-_2101415	2101415	2102533	1119	-	6	0	2	4	4	20	26	26	b2032	wbbK	2101415	2102533	equal	
pORF_-_2102518	2102518	2103108	591	-	5	1	2	2	2	2	2	2	b2033	wbbJ	2102518	2103108	equal	
pORF_-_2103089	2103089	2104087	999	-	6	7	18	24	26	281	300	304	b2034	wbbI	2103089	2104081	inside	
pORF_-_2105250	2105250	2106353	1104	-	4	10	15	27	37	33	140	217	b2036	glf	2105250	2106353	equal	
pORF_-_2107605	2107605	2108162	558	-	4	2	3	5	6	3	14	16	b2038	rfbC	2107605	2108162	equal	
pORF_-_2108162	2108162	2109043	882	-	6	13	26	47	58	182	286	337	b2039	rfbA	2108162	2109043	equal	
pORF_-_2109101	2109101	2110000	900	-	6	3	12	21	27	60	86	109	b2040	rfbD	2109101	2110000	equal	
pORF_-_2110000	2110000	2111085	1086	-	5	13	24	47	66	411	579	688	b2041	rfbB	2110000	2111085	equal	
pORF_-_2111458	2111458	2112363	906	-	5	11	43	57	73	1483	1610	1711	b2042	galF	2111458	2112351	inside	
pORF_-_2113931	2113931	2115151	1221	-	6	0	1	1	1	2	2	2	b2044	wcaL	2113931	2115151	equal	
pORF_-_2119633	2119633	2121051	1419	-	5	1	1	1	1	0	0	0	b2048	cpsG	2119633	2121003	inside	
pORF_-_2121108	2121108	2122544	1437	-	4	0	2	2	2	4	4	4	b2049	cpsB	2121108	2122544	equal	
pORF_-_2125217	2125217	2126338	1122	-	6	0	1	1	1	2	2	2	b2053	gmd	2125217	2126338	equal	
pORF_-_2126928	2126928	2127674	747	-	4	1	1	1	1	0	0	0	b2055	wcaE	2126928	2127674	equal	
pORF_-_2130091	2130091	2130579	489	-	5	1	1	1	1	0	0	0	b2058	wcaB	2130091	2130579	equal	
pORF_-_2136978	2136978	2137187	210	-	4	0	1	1	1	5	5	5						FP
pORF_-_2137783	2137783	2139636	1854	-	5	0	2	5	9	5	11	21	b2064	asmA	2137783	2139636	equal	
pORF_-_2139658	2139658	2140239	582	-	5	1	1	5	7	0	10	19	b2065	dcd	2139658	2140239	equal	
pORF_-_2140331	2140331	2141035	705	-	6	1	3	8	13	42	56	74	b2066	udk	2140331	2140972	inside	
pORF_-_2155333	2155333	2155584	252	-	5	0	1	1	2	3	3	12						FP
pORF_-_2155761	2155761	2155934	174	-	4	0	0	1	2	0	10	20						FP
pORF_-_2160571	2160571	2160684	114	-	5	0	0	0	1	0	0	3						FP
pORF_-_2163650	2163650	2164723	1074	-	6	0	1	1	1	6	6	6						FP
pORF_-_2164754	2164754	2165044	291	-	6	1	1	1	1	0	0	0						FP
pORF_-_2166013	2166013	2166390	378	-	5	0	0	0	1	0	0	3	b2085	yegR	2166013	2166330	inside	
pORF_-_2169857	2169857	2170897	1041	-	6	6	16	17	18	221	223	226	b2091	gatD	2169857	2170897	equal	
pORF_-_2170945	2170945	2172300	1356	-	5	1	4	8	8	32	53	53	b2092	gatC	2170945	2172300	equal	
pORF_-_2172304	2172304	2172588	285	-	5	3	16	20	22	469	532	564	b2093	gatB	2172304	2172588	equal	
pORF_-_2172619	2172619	2173071	453	-	5	4	23	31	36	1633	1700	1729	b2094	gatA	2172619	2173071	equal	
pORF_-_2173081	2173081	2174343	1263	-	5	10	53	65	67	1871	1922	1926	b2095	gatZ	2173081	2174343	equal	
pORF_-_2174372	2174372	2175232	861	-	6	5	61	72	83	2117	2341	2567	b2096	gatY	2174372	2175226	inside	
pORF_-_2174623	2174623	2174919	297	-	5	0	1	1	1	3	3	3						FP
pORF_-_2175534	2175534	2176658	1125	-	4	3	20	31	47	403	506	602	b2097	fbaB	2175534	2176586	inside	
pORF_-_2178272	2178272	2178811	540	-	6	0	0	1	1	0	2	2						FP
pORF_-_2180057	2180057	2180803	747	-	6	0	0	0	1	0	0	2	b2101	yegW	2180057	2180803	equal	
pORF_-_2180855	2180855	2181682	828	-	6	0	1	1	1	2	2	2	b2102	yegX	2180855	2181673	inside	
pORF_-_2181738	2181738	2182538	801	-	4	2	14	20	26	343	374	399	b2103	thiD	2181738	2182538	equal	
pORF_-_2182535	2182535	2183323	789	-	6	2	10	14	18	144	156	171	b2104	thiM	2182535	2183323	equal	
pORF_-_2183546	2183546	2183818	273	-	6	0	0	2	3	0	5	7	b2105	rcnR	2183546	2183818	equal	
pORF_-_2188948	2188948	2189667	720	-	5	0	1	1	1	2	2	2	b2110	yehC	2188948	2189667	equal	
pORF_-_2191081	2191081	2192220	1140	-	5	5	7	16	22	50	77	107	b2113	mrp	2191081	2192190	inside	
pORF_-_2195290	2195290	2195544	255	-	5	0	1	1	1	2	2	2						FP
pORF_-_2195382	2195382	2195678	297	-	4	0	2	2	2	9	9	9						FP

pORF_-_2198777	2198777	2198938	162	-	6	0	1	1	1	2	2	2							FP
pORF_-_2201040	2201040	2201201	162	-	4	0	1	1	1	7	7	7							FP
pORF_-_2205814	2205814	2206209	396	-	5	0	1	1	1	2	2	2							FP
pORF_-_2207516	2207516	2207638	123	-	6	0	1	1	1	3	3	3							FP
pORF_-_2210265	2210265	2210999	735	-	4	0	1	1	1	2	2	2	b2125	yehT	2210265	2210984	inside		
pORF_-_2214503	2214503	2215429	927	-	6	3	3	3	3	0	0	0	b2129	yehX	2214503	2215429	equal		
pORF_-_2215422	2215422	2216579	1158	-	4	0	1	1	1	2	2	2	b2130	yehY	2215422	2216579	equal		
pORF_-_2216586	2216586	2217503	918	-	4	1	13	17	21	96	109	129	b2131	osmF	2216586	2217503	equal		
pORF_-_2217714	2217714	2220083	2370	-	4	7	24	36	52	146	181	244	b2132	bglX	2217714	2220011	inside		
pORF_-_2221960	2221960	2222901	942	-	5	0	1	1	1	4	4	4	b2134	pbpG	2221960	2222892	inside		
pORF_-_2223066	2223066	2223677	612	-	4	0	0	0	1	0	0	3	b2135	yohC	2223066	2223653	inside		
pORF_-_2224033	2224033	2224407	375	-	5	0	1	1	1	4	4	4							FP
pORF_-_2224531	2224531	2225304	774	-	5	0	0	1	3	0	2	9	b2137	yohF	2224531	2225292	inside		
pORF_-_2226087	2226087	2226200	114	-	4	0	1	1	1	3	3	3							FP
pORF_-_2235791	2235791	2237311	1521	-	6	0	2	4	7	4	9	15	b2149	mglA	2235791	2237311	equal		
pORF_-_2237372	2237372	2238370	999	-	6	0	46	48	66	1552	1559	1660	b2150	mglB	2237372	2238370	equal		
pORF_-_2239832	2239832	2240989	1158	-	6	0	0	1	1	0	2	2	b2152	yeiB	2239832	2240989	equal		
pORF_-_2241006	2241006	2241674	669	-	4	4	25	35	40	1500	1573	1604	b2153	folE	2241006	2241674	equal		
pORF_-_2242800	2242800	2244791	1992	-	4	17	65	74	79	1159	1185	1195	b2155	cirA	2242800	2244791	equal		
pORF_-_2245085	2245085	2246554	1470	-	6	0	0	2	2	0	4	4	b2156	lysP	2245085	2246554	equal		
pORF_-_2246759	2246759	2247640	882	-	6	0	1	3	6	2	13	24	b2157	yeiE	2246759	2247640	equal		
pORF_-_2252267	2252267	2253208	942	-	6	0	1	1	1	2	2	2	b2162	rihB	2252267	2253208	equal		
pORF_-_2255451	2255451	2256389	939	-	4	0	2	2	2	5	5	5	b2165	yeiN	2255451	2256389	equal		
pORF_-_2257741	2257741	2259432	1692	-	5	0	3	12	17	51	166	216	b2167	fruA	2257741	2259432	equal		
pORF_-_2259449	2259449	2260387	939	-	6	0	0	4	6	0	11	15	b2168	fruK	2259449	2260387	equal		
pORF_-_2260387	2260387	2261517	1131	-	5	0	6	21	27	35	89	109	b2169	fruB	2260387	2261517	equal		
pORF_-_2275915	2275915	2276259	345	-	5	0	1	1	2	3	3	5	b2181	yejG	2275915	2276259	equal		
pORF_-_2277810	2277810	2278505	696	-	4	3	9	12	16	56	77	95	b2183	rsuA	2277810	2278505	equal		
pORF_-_2280403	2280403	2280627	225	-	5	0	1	1	1	2	2	2							FP
pORF_-_2280962	2280962	2281969	1008	-	6	0	12	21	31	79	124	186	b2186	yejK	2280962	2281969	equal		
pORF_-_2282168	2282168	2282368	201	-	6	0	1	1	1	9	9	9							FP
pORF_-_2284263	2284263	2284448	186	-	4	0	0	0	1	0	0	2							FP
pORF_-_2287087	2287087	2288103	1017	-	5	0	0	46	46	0	158	158	b2192	insH	2287087	2288103	equal		
pORF_-_2289380	2289380	2290432	1053	-	6	0	0	1	1	0	2	2	b2194	ccmH	2289380	2290432	equal		
pORF_-_2295043	2295043	2295666	624	-	5	0	0	1	2	0	2	4	b2201	ccmA	2295043	2295666	equal		
pORF_-_2298289	2298289	2300775	2487	-	5	0	0	2	2	0	4	4	b2206	napA	2298289	2300775	equal		
pORF_-_2303130	2303130	2304776	1647	-	4	2	7	8	8	65	67	67	b2210	mqr	2303130	2304776	equal		
pORF_-_2304994	2304994	2306637	1644	-	5	0	0	3	6	0	9	16	b2211	yojI	2304994	2306637	equal		
pORF_-_2309668	2309668	2310771	1104	-	5	24	42	63	68	100	188	205	b2215	ompC	2309668	2310771	equal		
pORF_-_2314633	2314633	2314743	111	-	5	0	1	1	1	2	2	2							FP
pORF_-_2315049	2315049	2317898	2850	-	4	0	2	4	6	7	13	17	b2218	rcsC	2315049	2317898	equal		
pORF_-_2322294	2322294	2322452	159	-	4	0	1	1	1	4	4	4							FP
pORF_-_2325031	2325031	2325177	147	-	5	0	1	1	1	2	2	2							FP
pORF_-_2328321	2328321	2332439	4119	-	4	0	1	2	3	2	4	6	b4500	yfaS	2328321	2332424	contain		
pORF_-_2332358	2332358	2333008	651	-	6	0	2	2	2	4	4	4	b2229	yfaT	2332358	2332981	inside		
pORF_-_2332978	2332978	2334714	1737	-	5	2	2	2	2	0	0	0	b2230	yfaA	2332978	2334666	inside		

pORF_-_2334815	2334815	2337442	2628	-	6	29	78	110	136	1413	1561	1681	b2231	gyrA	2334815	2337442	equal	
pORF_-_2338439	2338439	2342191	3753	-	6	0	0	1	1	0	3	3	b2233	yfaL	2338439	2342191	equal	
pORF_-_2338813	2338813	2338917	105	-	5	0	0	0	1	0	0	4						FP
pORF_-_2346032	2346032	2346142	111	-	6	0	1	1	1	2	2	2						FP
pORF_-_2347957	2347957	2349090	1134	-	5	0	21	25	30	230	238	255	b2239	glpQ	2347957	2349033	inside	
pORF_-_2349038	2349038	2350396	1359	-	6	0	1	1	1	2	2	2	b2240	glpT	2349038	2350396	equal	
pORF_-_2349775	2349775	2350026	252	-	5	0	1	1	1	2	2	2						FP
pORF_-_2360453	2360453	2361655	1203	-	6	0	1	7	11	2	15	23	b2249	yfaY	2360453	2361655	equal	
pORF_-_2361755	2361755	2362318	564	-	6	0	0	1	2	0	2	5	b2250	yfaZ	2361755	2362297	inside	
pORF_-_2363040	2363040	2363669	630	-	4	0	1	1	1	3	3	3	b2252	ais	2363040	2363642	inside	
pORF_-_2366589	2366589	2366933	345	-	4	0	1	1	1	2	2	2						FP
pORF_-_2371294	2371294	2371590	297	-	5	0	0	1	2	0	2	4	b2259	pmrD	2371294	2371560	inside	
pORF_-_2371670	2371670	2373025	1356	-	6	0	1	1	1	2	2	2	b2260	menE	2371670	2373025	equal	
pORF_-_2373022	2373022	2373984	963	-	5	0	1	4	5	2	8	11	b2261	menC	2373022	2373984	equal	
pORF_-_2373984	2373984	2374841	858	-	4	10	14	20	28	157	178	216	b2262	menB	2373984	2374841	equal	
pORF_-_2375611	2375611	2377632	2022	-	5	1	1	1	1	0	0	0	b2264	menD	2375611	2377281	inside	
pORF_-_2377370	2377370	2378665	1296	-	6	1	2	2	3	2	2	4	b2265	menF	2377370	2378665	equal	
pORF_-_2378744	2378744	2379049	306	-	6	2	19	23	30	801	941	1174	b2266	elaB	2378744	2379049	equal	
pORF_-_2379104	2379104	2379565	462	-	6	0	3	5	5	43	50	50	b2267	elaA	2379104	2379565	equal	
pORF_-_2387294	2387294	2387428	135	-	6	0	1	1	1	2	2	2						FP
pORF_-_2388070	2388070	2389527	1458	-	5	0	0	0	1	0	0	2	b2276	nuoN	2388070	2389527	equal	
pORF_-_2391227	2391227	2393068	1842	-	6	0	0	1	1	0	2	2	b2278	nuoL	2391227	2393068	equal	
pORF_-_2393065	2393065	2393367	303	-	5	0	0	0	1	0	0	4	b2279	nuoK	2393065	2393367	equal	
pORF_-_2393364	2393364	2393918	555	-	4	0	0	1	2	0	3	5	b2280	nuoJ	2393364	2393918	equal	
pORF_-_2393930	2393930	2394472	543	-	6	0	7	13	19	185	206	237	b2281	nuoI	2393930	2394472	equal	
pORF_-_2395461	2395461	2398193	2733	-	4	20	41	67	94	152	295	439	b2283	nuoG	2395461	2398187	inside	
pORF_-_2398240	2398240	2399577	1338	-	5	10	21	39	54	175	248	342	b2284	nuoF	2398240	2399577	equal	
pORF_-_2399574	2399574	2400074	501	-	4	3	8	12	15	88	105	113	b2285	nuoE	2399574	2400074	equal	
pORF_-_2400077	2400077	2401879	1803	-	6	17	25	53	83	85	223	390	b2286	nuoC	2400077	2401867	inside	
pORF_-_2401973	2401973	2402635	663	-	6	5	8	12	14	70	92	106	b2287	nuoB	2401973	2402635	equal	
pORF_-_2402651	2402651	2403094	444	-	6	3	4	7	11	3	11	22	b2288	nuoA	2402651	2403094	equal	
pORF_-_2403725	2403725	2404663	939	-	6	0	0	3	6	0	9	16	b2289	lrhA	2403725	2404663	equal	
pORF_-_2409461	2409461	2410129	669	-	6	0	7	10	13	89	104	135	b2293	yfbT	2409461	2410111	inside	
pORF_-_2410122	2410122	2410634	513	-	4	6	14	24	35	90	138	184	b2294	yfbU	2410122	2410616	inside	
pORF_-_2412697	2412697	2414967	2271	-	5	0	1	1	1	3	3	3						FP
pORF_-_2416656	2416656	2417198	543	-	4	3	5	10	14	23	123	179	b2299	yfcD	2416656	2417198	equal	
pORF_-_2417256	2417256	2417810	555	-	4	2	4	8	12	12	36	57	b2300	yfcE	2417256	2417810	equal	
pORF_-_2417863	2417863	2418507	645	-	5	0	1	2	4	4	6	10	b2301	yfcF	2417863	2418507	equal	
pORF_-_2418616	2418616	2418816	201	-	5	0	1	1	1	3	3	3						FP
pORF_-_2420671	2420671	2421561	891	-	5	0	0	1	2	0	2	6	b2305	yfcI	2420671	2421561	equal	
pORF_-_2421758	2421758	2422531	774	-	6	1	7	11	15	97	113	130	b2306	hisP	2421758	2422531	equal	
pORF_-_2423252	2423252	2423938	687	-	6	0	0	0	1	0	0	2	b2308	hisQ	2423252	2423938	equal	
pORF_-_2424028	2424028	2424810	783	-	5	11	59	80	104	2033	2219	2365	b2309	hisJ	2424028	2424810	equal	
pORF_-_2425031	2425031	2425813	783	-	6	6	33	38	60	744	762	923	b2310	argT	2425031	2425813	equal	
pORF_-_2425680	2425680	2425826	147	-	4	0	1	1	1	34	34	34						FP
pORF_-_2426079	2426079	2426648	570	-	4	0	1	2	2	2	4	4	b2311	ubiX	2426079	2426648	equal	

pORF_-_2426709	2426709	2426891	183	-	4	0	1	1	1	6	6	6								FP
pORF_-_2426743	2426743	2428260	1518	-	5	8	23	46	68	226	426	548	b2312	purF	2426743	2428260	equal			
pORF_-_2429044	2429044	2429724	681	-	5	0	0	4	6	0	12	20	b2314	dedD	2429044	2429706	inside			
pORF_-_2429696	2429696	2430964	1269	-	6	0	7	12	17	42	61	79	b2315	folC	2429696	2430964	equal			
pORF_-_2431034	2431034	2432032	999	-	6	4	28	36	46	1001	1082	1144	b2316	accD	2431034	2431948	inside			
pORF_-_2432846	2432846	2433658	813	-	6	0	0	2	4	0	5	9	b2318	truA	2432846	2433658	equal			
pORF_-_2433397	2433397	2433624	228	-	5	0	0	1	2	0	44	88								FP
pORF_-_2433658	2433658	2434671	1014	-	5	3	20	28	35	267	296	317	b2319	usg	2433658	2434671	equal			
pORF_-_2434737	2434737	2435873	1137	-	4	7	14	26	40	241	298	371	b2320	pdxB	2434737	2435873	equal			
pORF_-_2437766	2437766	2437873	108	-	6	0	1	1	1	2	2	2								FP
pORF_-_2438407	2438407	2439627	1221	-	5	20	55	76	97	2310	2612	2821	b2323	fabB	2438407	2439627	equal			
pORF_-_2439705	2439705	2439926	222	-	4	0	1	1	1	2	2	2								FP
pORF_-_2440591	2440591	2440686	96	-	5	0	0	1	1	0	2	2								FP
pORF_-_2441913	2441913	2442191	279	-	4	1	6	9	10	37	51	53	b2325	yfcL	2441913	2442191	equal			
pORF_-_2443582	2443582	2444406	825	-	5	0	2	2	2	42	42	42	b2328	mepA	2443582	2444406	equal			
pORF_-_2444410	2444410	2445498	1089	-	5	2	14	24	35	428	486	535	b2329	aroC	2444410	2445495	inside			
pORF_-_2445530	2445530	2446795	1266	-	6	3	9	14	19	70	96	113	b2330	prmB	2445530	2446462	inside			
pORF_-_2454349	2454349	2454834	486	-	5	0	0	1	2	0	4	8	b2340	sixA	2454349	2454834	equal			
pORF_-_2455037	2455037	2457181	2145	-	6	0	2	3	9	9	11	30	b2341	fadJ	2455037	2457181	equal			
pORF_-_2457181	2457181	2458491	1311	-	5	0	4	5	11	31	34	71	b2342	fadI	2457181	2458491	equal			
pORF_-_2457788	2457788	2457844	57	-	6	0	0	0	1	0	0	3								
pORF_-_2458672	2458672	2458980	309	-	5	2	4	6	7	8	13	16	b2343	yfcZ	2458672	2458956	inside			
pORF_-_2462274	2462274	2463029	756	-	4	4	6	10	13	6	18	28	b2346	vacJ	2462274	2463029	equal			
pORF_-_2465886	2465886	2465978	93	-	4	0	1	1	1	2	2	2								FP
pORF_-_2466646	2466646	2466930	285	-	5	0	0	1	1	0	5	5								FP
pORF_-_2476708	2476708	2477118	411	-	5	0	0	1	2	0	10	20								FP
pORF_-_2490026	2490026	2491276	1251	-	6	1	1	1	1	0	0	0	b2374	frc	2490026	2491276	equal			
pORF_-_2491789	2491789	2492424	636	-	5	0	1	1	1	4	4	4	b2375	yfdX	2491789	2492424	equal			
pORF_-_2495079	2495079	2496317	1239	-	4	0	3	9	14	6	21	35	b2379	yfdZ	2495079	2496317	equal			
pORF_-_2497374	2497374	2497661	288	-	4	0	1	2	2	3	11	11								FP
pORF_-_2497914	2497914	2498267	354	-	4	0	1	1	1	16	16	16								FP
pORF_-_2499623	2499623	2499790	168	-	6	0	0	1	1	0	2	2								FP
pORF_-_2500012	2500012	2502507	2496	-	5	7	7	7	7	0	0	0	b2383	fryA	2500012	2502507	equal			
pORF_-_2504669	2504669	2505916	1248	-	6	0	2	2	2	11	11	11	b2386	fryC	2504669	2505916	equal			
pORF_-_2506483	2506483	2507448	966	-	5	4	11	20	32	227	268	307	b2388	glk	2506483	2507448	equal			
pORF_-_2509490	2509490	2510728	1239	-	6	0	1	1	1	3	3	3	b2392	mntH	2509490	2510728	equal			
pORF_-_2511315	2511315	2511461	147	-	4	0	1	1	1	2	2	2								FP
pORF_-_2513665	2513665	2515971	2307	-	5	0	0	2	3	0	6	8	b2395	yfeA	2513665	2515854	inside			
pORF_-_2517279	2517279	2518694	1416	-	4	21	46	75	93	396	544	637	b2400	gltX	2517279	2518694	equal			
pORF_-_2519615	2519615	2520514	900	-	6	0	1	1	1	15	15	15	b2405	xapR	2519615	2520499	inside			
pORF_-_2526183	2526183	2528198	2016	-	4	2	12	23	32	59	103	139	b2411	ligA	2526183	2528198	equal			
pORF_-_2528269	2528269	2529306	1038	-	5	0	1	6	14	6	33	79	b2412	zipA	2528269	2529255	inside			
pORF_-_2534408	2534408	2535259	852	-	6	2	3	7	12	4	23	42	b2418	pdxK	2534408	2535259	equal			
pORF_-_2536694	2536694	2537683	990	-	6	2	19	29	41	472	558	616	b2421	cysM	2536694	2537605	inside			
pORF_-_2537026	2537026	2537271	246	-	5	0	0	1	1	0	5	5								FP
pORF_-_2537739	2537739	2538836	1098	-	4	4	12	26	30	43	102	111	b2422	cysA	2537739	2538836	equal			

pORF_-_2539701	2539701	2540534	834	-	4	0	0	1	1	0	3	3	b2424	cysU	2539701	2540534	equal	
pORF_-_2540534	2540534	2541550	1017	-	6	0	30	47	67	1560	1653	1769	b2425	cysP	2540534	2541550	equal	
pORF_-_2541854	2541854	2542711	858	-	6	3	10	11	15	122	126	145	b2426	ucpA	2541854	2542645	inside	
pORF_-_2546649	2546649	2547014	366	-	4	0	1	1	1	18	18	18						FP
pORF_-_2547668	2547668	2548594	927	-	6	6	18	31	42	157	246	318	b2431	yfeX	2547668	2548567	inside	
pORF_-_2548663	2548663	2549238	576	-	5	0	3	7	10	9	22	32	b2432	yfeY	2548663	2549238	equal	
pORF_-_2549735	2549735	2550271	537	-	6	0	1	4	5	14	21	24	b2434	ypeA	2549735	2550160	inside	
pORF_-_2553763	2553763	2554422	660	-	5	0	1	2	4	5	8	12	b2439	eutL	2553763	2554422	equal	
pORF_-_2554432	2554432	2555319	888	-	5	0	1	1	2	2	2	4	b2440	eutC	2554432	2555319	equal	
pORF_-_2555340	2555340	2556743	1404	-	4	2	2	4	7	0	4	13	b2441	eutB	2555340	2556701	inside	
pORF_-_2556229	2556229	2556318	90	-	5	0	1	1	1	2	2	2						FP
pORF_-_2557572	2557572	2557898	327	-	4	0	1	1	1	3	3	3						FP
pORF_-_2560347	2560347	2560616	270	-	4	0	0	0	1	0	0	2						FP
pORF_-_2563503	2563503	2564906	1404	-	4	0	1	1	1	4	4	4	b2451	eutA	2563503	2564906	equal	
pORF_-_2568370	2568370	2569773	1404	-	5	2	4	4	4	9	9	9	b2455	eutE	2568370	2569773	equal	
pORF_-_2570179	2570179	2570514	336	-	5	0	2	3	5	10	14	19	b2457	eutM	2570179	2570472	inside	
pORF_-_2570511	2570511	2571527	1017	-	4	0	1	1	1	2	2	2	b2458	eutD	2570511	2571527	equal	
pORF_-_2570735	2570735	2571037	303	-	6	0	0	1	1	0	2	2						FP
pORF_-_2574120	2574120	2576399	2280	-	4	13	51	79	105	1255	1438	1664	b2463	maeB	2574120	2576399	equal	
pORF_-_2580925	2580925	2581527	603	-	5	0	1	1	1	4	4	4	b2467	nudK	2580925	2581500	inside	
pORF_-_2581568	2581568	2583547	1980	-	6	4	8	12	16	32	72	106	b2468	aegA	2581568	2583547	equal	
pORF_-_2587404	2587404	2587553	150	-	4	0	1	1	1	6	6	6						FP
pORF_-_2591866	2591866	2593881	2016	-	5	0	1	1	2	2	2	4	b2474	ypfI	2591866	2593881	equal	
pORF_-_2593896	2593896	2594759	864	-	4	0	1	2	2	7	9	9	b2475	ypfJ	2593896	2594759	equal	
pORF_-_2594927	2594927	2595649	723	-	6	12	58	74	91	1865	2183	2584	b2476	purC	2594927	2595640	inside	
pORF_-_2595853	2595853	2596890	1038	-	5	12	22	34	46	364	435	534	b2477	bamC	2595853	2596887	inside	
pORF_-_2596904	2596904	2597800	897	-	6	7	23	33	43	528	574	630	b2478	dapA	2596904	2597782	inside	
pORF_-_2605754	2605754	2606167	414	-	6	0	1	1	1	3	3	3						FP
pORF_-_2616097	2616097	2616843	747	-	5	0	0	0	2	0	0	4	b2496	hda	2616097	2616843	equal	
pORF_-_2618268	2618268	2618921	654	-	4	7	44	56	70	2390	2622	2779	b2498	upp	2618268	2618894	inside	
pORF_-_2628980	2628980	2630557	1578	-	6	27	54	89	121	388	655	883	b2507	guaA	2628980	2630557	equal	
pORF_-_2630626	2630626	2632161	1536	-	5	27	95	120	147	5126	5629	6276	b2508	guaB	2630626	2632092	inside	
pORF_-_2630829	2630829	2630978	150	-	4	0	1	1	1	9	9	9						FP
pORF_-_2632731	2632731	2632805	75	-	4	0	1	1	1	2	2	2						FP
pORF_-_2633621	2633621	2633872	252	-	6	0	0	1	1	0	2	2	b2510	yfgJ	2633621	2633836	inside	
pORF_-_2633906	2633906	2635417	1512	-	6	7	33	45	57	265	343	410	b2511	der	2633906	2635378	inside	
pORF_-_2635496	2635496	2636674	1179	-	6	9	15	29	45	38	136	249	b2512	bamB	2635496	2636674	equal	
pORF_-_2636685	2636685	2637305	621	-	4	2	9	14	18	49	84	106	b2513	yfgM	2636685	2637305	equal	
pORF_-_2637323	2637323	2638597	1275	-	6	16	31	52	69	172	255	323	b2514	hisS	2637323	2638597	equal	
pORF_-_2638708	2638708	2639826	1119	-	5	10	34	47	59	306	392	499	b2515	ispG	2638708	2639826	equal	
pORF_-_2639853	2639853	2640866	1014	-	4	7	19	27	36	132	155	188	b2516	yfgA	2639853	2640866	equal	
pORF_-_2641151	2641151	2642305	1155	-	6	8	11	14	14	61	76	76	b2517	rlmN	2641151	2642305	equal	
pORF_-_2642455	2642455	2642886	432	-	5	7	31	41	51	2475	2604	2717	b2518	ndk	2642455	2642886	equal	
pORF_-_2643391	2643391	2643645	255	-	5	0	1	1	1	4	4	4						FP
pORF_-_2645348	2645348	2650309	4962	-	6	0	5	12	28	15	29	76	b2520	yfhM	2645348	2650309	equal	
pORF_-_2652179	2652179	2652964	786	-	6	0	3	4	4	17	19	19	b2522	sseB	2652179	2652955	inside	

pORF_-_2653097	2653097	2654467	1371	-	6	14	37	55	72	466	557	653	b2523	pepB	2653097	2654380	inside	
pORF_-_2654558	2654558	2654758	201	-	6	2	2	4	5	0	9	12	b2524	iscX	2654558	2654758	equal	
pORF_-_2654770	2654770	2655105	336	-	5	5	9	15	20	111	143	167	b2525	fdx	2654770	2655105	equal	
pORF_-_2655107	2655107	2657011	1905	-	6	12	26	44	58	182	261	327	b2526	hscA	2655107	2656957	inside	
pORF_-_2656974	2656974	2657489	516	-	4	3	4	6	8	4	9	13	b2527	hscB	2656974	2657489	equal	
pORF_-_2657585	2657585	2657914	330	-	6	4	7	10	10	40	48	48	b2528	iscA	2657585	2657908	inside	
pORF_-_2657925	2657925	2658311	387	-	4	6	13	20	24	251	316	340	b2529	iscU	2657925	2658311	equal	
pORF_-_2658339	2658339	2659577	1239	-	4	20	56	78	102	2159	2394	2597	b2530	iscS	2658339	2659553	inside	
pORF_-_2659574	2659574	2659744	171	-	6	0	0	1	1	0	3	3						FP
pORF_-_2659665	2659665	2660153	489	-	4	3	20	25	28	338	416	447	b2531	iscR	2659665	2660153	equal	
pORF_-_2660605	2660605	2661345	741	-	5	6	10	16	22	48	78	107	b2532	trmJ	2660605	2661345	equal	
pORF_-_2672722	2672722	2673816	1095	-	5	1	1	1	1	0	0	0	b2545	yphC	2672722	2673783	inside	
pORF_-_2674872	2674872	2676383	1512	-	4	0	1	1	1	10	10	10	b2547	yphE	2674872	2676383	equal	
pORF_-_2677486	2677486	2680860	3375	-	5	0	1	1	1	2	2	2	b2549	yphG	2677486	2680767	inside	
pORF_-_2682276	2682276	2683535	1260	-	4	23	102	138	179	5603	7298	9264	b2551	glyA	2682276	2683529	inside	
pORF_-_2683172	2683172	2683366	195	-	6	0	1	1	1	2	2	2						FP
pORF_-_2685092	2685092	2685430	339	-	6	3	15	17	21	381	387	398	b2553	glnB	2685092	2685430	equal	
pORF_-_2685491	2685491	2686927	1437	-	6	0	0	1	2	0	4	10	b2554	yfhA	2685491	2686825	inside	
pORF_-_2686815	2686815	2687534	720	-	4	0	0	2	4	0	5	11	b2555	yfhG	2686815	2687528	inside	
pORF_-_2687693	2687693	2689183	1491	-	6	0	1	1	2	3	3	5	b2556	yfhK	2687693	2689120	inside	
pORF_-_2689678	2689678	2693565	3888	-	5	32	80	145	207	1155	1673	2222	b2557	purL	2689678	2693565	equal	
pORF_-_2698640	2698640	2699020	381	-	6	0	1	1	1	13	13	13	b2563	acpS	2698640	2699020	equal	
pORF_-_2699020	2699020	2699766	747	-	5	6	18	28	38	734	774	817	b2564	pdxJ	2699020	2699751	inside	
pORF_-_2699190	2699190	2699429	240	-	4	0	0	1	2	0	23	46						FP
pORF_-_2700503	2700503	2701408	906	-	6	0	5	9	12	40	60	72	b2566	era	2700503	2701408	equal	
pORF_-_2701405	2701405	2702085	681	-	5	3	9	19	27	183	234	264	b2567	rnc	2701405	2702085	equal	
pORF_-_2702357	2702357	2703331	975	-	6	0	5	12	17	36	56	70	b2568	lepB	2702357	2703331	equal	
pORF_-_2703347	2703347	2705146	1800	-	6	18	29	48	64	284	356	408	b2569	lepA	2703347	2705146	equal	
pORF_-_2705820	2705820	2706776	957	-	4	1	5	10	17	27	37	59	b2571	rseB	2705820	2706776	equal	
pORF_-_2706776	2706776	2707462	687	-	6	0	0	1	4	0	3	11	b2572	rseA	2706776	2707426	inside	
pORF_-_2707459	2707459	2708067	609	-	5	1	1	3	5	0	4	10	b2573	rpoE	2707459	2708034	inside	
pORF_-_2711668	2711668	2711988	321	-	5	0	1	1	1	2	2	2						FP
pORF_-_2714088	2714088	2714489	402	-	4	13	35	50	60	1743	1945	2018	b2579	yfiD	2714088	2714471	inside	
pORF_-_2715136	2715136	2715411	276	-	5	0	1	1	1	3	3	3						FP
pORF_-_2715513	2715513	2716625	1113	-	4	5	16	28	36	157	204	252	b2581	yfiF	2715513	2716550	inside	
pORF_-_2722470	2722470	2723768	1299	-	4	3	4	5	6	6	12	15	b2587	kgtP	2722470	2723768	equal	
pORF_-_2729622	2729622	2732207	2586	-	4	39	81	141	206	1085	1645	2256	b2592	clpB	2729622	2732195	inside	
pORF_-_2732325	2732325	2733056	732	-	4	5	6	6	8	34	34	43	b2593	yfiH	2732325	2733056	equal	
pORF_-_2733053	2733053	2734033	981	-	6	2	6	13	17	83	104	114	b2594	rluD	2733053	2734033	equal	
pORF_-_2734426	2734426	2734923	498	-	5	0	0	1	1	0	4	4						FP
pORF_-_2736970	2736970	2738091	1122	-	5	0	7	27	41	317	433	533	b2600	tyrA	2736970	2738091	equal	
pORF_-_2738102	2738102	2739241	1140	-	6	3	19	30	39	379	419	446	b2601	aroF	2738102	2739172	inside	
pORF_-_2742205	2742205	2742552	348	-	5	11	47	59	71	2742	2877	3033	b2606	rplS	2742205	2742552	equal	
pORF_-_2742594	2742594	2743361	768	-	4	3	4	7	9	10	19	37	b2607	trmD	2742594	2743361	equal	
pORF_-_2743392	2743392	2743949	558	-	4	5	9	15	18	33	57	69	b2608	rimM	2743392	2743940	inside	
pORF_-_2743959	2743959	2744267	309	-	4	6	24	33	43	2333	2457	2594	b2609	rpsP	2743959	2744207	inside	

pORF_-_2744456	2744456	2745817	1362	-	6	7	37	47	57	412	463	509	b2610	ffh	2744456	2745817	equal	
pORF_-_2748137	2748137	2748730	594	-	6	5	29	37	46	760	867	952	b2614	grpE	2748137	2748730	equal	
pORF_-_2752030	2752030	2752404	375	-	5	0	1	1	2	2	2	4	b2618	yjfF	2752030	2752320	inside	
pORF_-_2757053	2757053	2757265	213	-	6	0	1	1	1	2	2	2						FP
pORF_-_2769862	2769862	2770176	315	-	5	0	0	2	4	0	4	8	b2638	yjfU	2770024	2770176	inside	
pORF_-_2770189	2770189	2770782	594	-	5	0	1	1	1	2	2	2	b2641	yjfV	2770189	2771204	contain_f5	
pORF_-_2771624	2771624	2772043	420	-	6	0	0	1	1	0	3	3						FP
pORF_-_2773925	2773925	2774089	165	-	6	0	1	1	1	2	2	2						FP
pORF_-_2776168	2776168	2780877	4710	-	5	0	1	1	1	2	2	2	b2647	ypjA	2776168	2780748	inside	
pORF_-_2787959	2787959	2788240	282	-	6	0	1	1	1	2	2	2						FP
pORF_-_2794359	2794359	2794835	477	-	4	5	20	27	42	138	182	429	b2665	ygaU	2794359	2794808	inside	
pORF_-_2796113	2796113	2796517	405	-	6	6	27	37	49	642	779	920	b2669	stpA	2796113	2796517	equal	
pORF_-_2812240	2812240	2812755	516	-	5	6	26	41	57	1189	1281	1425	b2687	luxS	2812240	2812755	equal	
pORF_-_2812905	2812905	2814461	1557	-	4	4	6	17	27	11	49	85	b2688	gshA	2812905	2814461	equal	
pORF_-_2814959	2814959	2815525	567	-	6	0	2	4	4	23	29	29	b2690	yqaB	2814959	2815525	equal	
pORF_-_2816983	2816983	2817168	186	-	5	1	12	15	17	646	661	724	b2696	csrA	2816983	2817168	equal	
pORF_-_2817403	2817403	2820033	2631	-	5	44	103	147	193	968	1278	1538	b2697	alaS	2817403	2820033	equal	
pORF_-_2820161	2820161	2820661	501	-	6	0	0	0	1	0	0	5	b2698	recX	2820161	2820661	equal	
pORF_-_2820730	2820730	2821806	1077	-	5	9	38	50	64	1062	1131	1199	b2699	recA	2820730	2821791	inside	
pORF_-_2821871	2821871	2822371	501	-	6	0	3	6	9	9	17	23	b2700	ygaD	2821871	2822368	inside	
pORF_-_2822513	2822513	2823703	1191	-	6	0	0	4	9	0	12	34	b2701	mltB	2822513	2823598	inside	
pORF_-_2828805	2828805	2828960	156	-	4	0	1	1	1	2	2	2						FP
pORF_-_2833195	2833195	2835519	2325	-	5	0	1	1	1	2	2	2	b2712	hypF	2833195	2835447	inside	
pORF_-_2836276	2836276	2837352	1077	-	5	0	1	3	4	17	23	25	b2714	ascG	2836276	2837289	inside	
pORF_-_2838199	2838199	2838378	180	-	5	0	1	1	1	3	3	3						FP
pORF_-_2840595	2840595	2841065	471	-	4	0	1	2	2	4	6	6	b2717	hycI	2840595	2841065	equal	
pORF_-_2845437	2845437	2847263	1827	-	4	0	1	1	1	2	2	2	b2723	hycC	2845437	2847263	equal	
pORF_-_2854475	2854475	2854828	354	-	6	0	1	1	1	19	19	19	b2732	ygbA	2854475	2854828	equal	
pORF_-_2856291	2856291	2856563	273	-	4	0	1	1	1	14	14	14						FP
pORF_-_2864581	2864581	2865609	1029	-	5	1	5	16	26	43	97	158	b2741	rpoS	2864581	2865573	inside	
pORF_-_2865636	2865636	2866775	1140	-	4	5	5	15	23	0	30	58	b2742	nlpD	2865636	2866775	equal	
pORF_-_2866915	2866915	2867541	627	-	5	0	0	3	5	0	8	14	b2743	pcm	2866915	2867541	equal	
pORF_-_2867535	2867535	2868341	807	-	4	0	1	3	3	3	7	7	b2744	surE	2867535	2868296	inside	
pORF_-_2868277	2868277	2869326	1050	-	5	5	6	12	20	13	34	69	b2745	truD	2868277	2869326	equal	
pORF_-_2869323	2869323	2869802	480	-	4	0	9	12	14	87	105	133	b2746	ispF	2869323	2869802	equal	
pORF_-_2869802	2869802	2870512	711	-	6	1	2	7	11	8	20	28	b2747	ispD	2869802	2870512	equal	
pORF_-_2870531	2870531	2870842	312	-	6	0	0	1	2	0	4	6	b2748	ftsB	2870531	2870842	equal	
pORF_-_2871409	2871409	2872014	606	-	5	0	10	15	16	150	163	167	b2750	cysC	2871409	2872014	equal	
pORF_-_2872014	2872014	2873441	1428	-	4	1	19	41	48	368	508	535	b2751	cysN	2872014	2873441	equal	
pORF_-_2873443	2873443	2874351	909	-	5	0	23	38	39	659	748	750	b2752	cysD	2873443	2874351	equal	
pORF_-_2879073	2879073	2880164	1092	-	4	0	1	2	2	2	4	4	b2758	ygcJ	2879073	2880164	equal	
pORF_-_2882575	2882575	2885241	2667	-	5	0	0	0	1	0	0	3	b2761	ygcB	2882575	2885241	equal	
pORF_-_2884083	2884083	2884262	180	-	4	0	1	1	1	6	6	6						FP
pORF_-_2885600	2885600	2886373	774	-	6	0	12	20	24	233	263	274	b2762	cysH	2885600	2886334	inside	
pORF_-_2886409	2886409	2888121	1713	-	5	0	42	70	82	1351	1533	1612	b2763	cysI	2886409	2888121	equal	
pORF_-_2888121	2888121	2889920	1800	-	4	0	34	60	77	859	1025	1113	b2764	cysJ	2888121	2889920	equal	

pORF_-_2895986	2895986	2897440	1455	-	6	1	13	13	13	98	98	98	b4463	ygcU	2895986	2897440	equal	
pORF_-_2897510	2897510	2898370	861	-	6	0	2	3	4	12	29	38	b2774	ygcW	2897510	2898295	inside	
pORF_-_2902769	2902769	2903440	672	-	6	3	4	6	9	23	31	43	b2777	ygcF	2902769	2903440	equal	
pORF_-_2903170	2903170	2903445	276	-	5	0	0	1	2	0	4	8						FP
pORF_-_2904665	2904665	2905963	1299	-	6	25	187	228	279	12837	13939	15477	b2779	eno	2904665	2905963	equal	
pORF_-_2906051	2906051	2907688	1638	-	6	22	50	70	93	999	1080	1180	b2780	pyrG	2906051	2907688	equal	
pORF_-_2907916	2907916	2908707	792	-	5	0	1	1	1	10	10	10	b2781	mazG	2907916	2908707	equal	
pORF_-_2908778	2908778	2909113	336	-	6	0	0	2	4	0	6	10	b2782	chpA	2908778	2909113	equal	
pORF_-_2909113	2909113	2909361	249	-	5	0	0	1	1	0	2	2	b2783	chpR	2909113	2909361	equal	
pORF_-_2909439	2909439	2911673	2235	-	4	0	0	8	16	0	22	43	b2784	relA	2909439	2911673	equal	
pORF_-_2911721	2911721	2913022	1302	-	6	1	1	1	2	0	0	2	b2785	rumA	2911721	2913022	equal	
pORF_-_2913537	2913537	2913800	264	-	4	0	1	1	1	2	2	2						FP
pORF_-_2915224	2915224	2915517	294	-	5	0	1	1	1	3	3	3						FP
pORF_-_2916067	2916067	2917431	1365	-	5	0	0	0	1	0	0	2	b2787	gudD	2916067	2917407	inside	
pORF_-_2917428	2917428	2918783	1356	-	4	0	1	2	3	2	13	65	b2788	gudX	2917428	2918768	inside	
pORF_-_2920557	2920557	2921006	450	-	4	0	0	0	2	0	0	4	b2790	yqcA	2920557	2921006	equal	
pORF_-_2921024	2921024	2921806	783	-	6	3	4	4	4	2	2	2	b2791	truC	2921024	2921806	equal	
pORF_-_2921806	2921806	2922135	330	-	5	0	1	2	4	3	6	10	b2792	yqcC	2921806	2922135	equal	
pORF_-_2922757	2922757	2923302	546	-	5	0	0	3	5	0	8	16	b2793	syd	2922757	2923302	equal	
pORF_-_2926637	2926637	2927107	471	-	6	0	1	1	1	2	2	2						FP
pORF_-_2929887	2929887	2931038	1152	-	4	3	4	5	11	2	5	27	b2799	fucO	2929887	2931038	equal	
pORF_-_2931368	2931368	2931547	180	-	6	0	1	1	1	3	3	3						FP
pORF_-_2938165	2938165	2939265	1101	-	5	0	1	6	9	3	17	25	b2806	ygdE	2938165	2939265	equal	
pORF_-_2939672	2939672	2940589	918	-	6	0	2	3	3	5	8	8	b2808	gcvA	2939672	2940589	equal	
pORF_-_2940940	2940940	2941170	231	-	5	0	0	1	2	0	2	5	b2809	ygdI	2940940	2941167	inside	
pORF_-_2943058	2943058	2943864	807	-	5	0	3	5	8	39	65	78	b2812	ygdL	2943058	2943864	equal	
pORF_-_2944103	2944103	2945482	1380	-	6	5	7	7	7	5	5	5	b2813	mltA	2944103	2945200	inside	
pORF_-_2946963	2946963	2947112	150	-	4	0	0	0	1	0	0	2						FP
pORF_-_2948073	2948073	2948279	207	-	4	0	0	0	1	0	0	2						FP
pORF_-_2948657	2948657	2950483	1827	-	6	0	0	1	1	0	3	3	b2819	recD	2948657	2950483	equal	
pORF_-_2950483	2950483	2954034	3552	-	5	0	0	1	3	0	2	6	b2820	recB	2950483	2954025	inside	
pORF_-_2954018	2954018	2956906	2889	-	6	0	1	9	12	2	22	31	b2821	ptrA	2954018	2956906	equal	
pORF_-_2954488	2954488	2954667	180	-	5	0	1	1	1	13	13	13						FP
pORF_-_2956627	2956627	2956797	171	-	5	0	1	1	1	2	2	2						FP
pORF_-_2957082	2957082	2960450	3369	-	4	0	0	1	4	0	4	12	b2822	recC	2957082	2960450	equal	
pORF_-_2962383	2962383	2963177	795	-	4	5	6	13	16	11	40	54	b2827	thyA	2962383	2963177	equal	
pORF_-_2963184	2963184	2964059	876	-	4	0	0	2	4	0	6	11	b2828	lgt	2963184	2964059	equal	
pORF_-_2964210	2964210	2966456	2247	-	4	2	5	12	18	9	28	41	b2829	ptsP	2964210	2966456	equal	
pORF_-_2970691	2970691	2971884	1194	-	5	0	1	1	1	2	2	2	b2835	lplT	2970691	2971884	equal	
pORF_-_2971877	2971877	2974036	2160	-	6	0	0	1	1	0	2	2	b2836	aas	2971877	2974036	equal	
pORF_-_2975659	2975659	2976921	1263	-	5	0	2	10	15	4	46	71	b2838	lysA	2975659	2976921	equal	
pORF_-_2977965	2977965	2978726	762	-	4	0	0	1	1	0	3	3	b2840	ygeA	2977965	2978657	inside	
pORF_-_2978786	2978786	2980333	1548	-	6	4	4	4	4	0	0	0	b2841	araE	2978786	2980204	inside	
pORF_-_2980519	2980519	2981280	762	-	5	1	1	2	3	0	2	6	b2842	kduD	2980519	2981280	equal	
pORF_-_2981100	2981100	2981270	171	-	4	0	1	1	1	2	2	2						FP
pORF_-_2982433	2982433	2983617	1185	-	5	0	3	4	4	22	24	24	b2844	yqeF	2982433	2983614	inside	

pORF_-_2996893	2996893	2996949	57	-	5	1	1	1	1	0	0	0								FP
pORF_-_3001020	3001020	3001184	165	-	4	0	1	1	1	20	20	20								FP
pORF_-_3002030	3002030	3003808	1779	-	6	0	0	0	4	0	0	17	b2869	ygeV	3002030	3003808	equal			
pORF_-_3009009	3009009	3009080	72	-	4	0	1	1	1	3	3	3								FP
pORF_-_3010636	3010636	3012261	1626	-	5	0	2	2	2	6	6	6	b2875	yqeB	3010636	3012261	equal			
pORF_-_3012309	3012309	3013079	771	-	4	0	1	1	1	2	2	2	b2876	yqeC	3012309	3013079	equal			
pORF_-_3018047	3018047	3018169	123	-	6	0	1	1	1	3	3	3								FP
pORF_-_3024788	3024788	3024856	69	-	6	0	0	1	1	0	2	2								FP
pORF_-_3027034	3027034	3028968	1935	-	5	3	3	3	3	0	0	0	b2887	ygfT	3027034	3028953	inside			
pORF_-_3029229	3029229	3029876	648	-	4	0	0	1	1	0	2	2								FP
pORF_-_3031679	3031679	3033196	1518	-	6	38	79	118	151	862	1143	1385	b2890	lysS	3031679	3033196	equal			
pORF_-_3033206	3033206	3034087	882	-	6	9	23	35	44	368	817	1248								
pORF_-_3034227	3034227	3034304	78	-	4	1	1	1	1	0	0	0								
pORF_-_3034395	3034395	3036128	1734	-	4	0	2	4	4	5	9	9	b2892	recJ	3034395	3036128	equal			
pORF_-_3036134	3036134	3036844	711	-	6	6	10	17	23	104	144	170	b2893	dsbC	3036134	3036844	equal			
pORF_-_3036869	3036869	3037765	897	-	6	0	0	1	2	0	3	5	b2894	xerD	3036869	3037765	equal			
pORF_-_3038826	3038826	3039092	267	-	4	0	1	1	2	4	4	6	b2897	ygfY	3038826	3039092	equal			
pORF_-_3041334	3041334	3041645	312	-	4	4	4	7	10	0	12	20	b2900	yqfB	3041334	3041645	equal			
pORF_-_3041918	3041918	3042334	417	-	6	0	0	1	1	0	2	2								FP
pORF_-_3043180	3043180	3043923	744	-	5	1	2	2	2	2	2	2	b2902	ygfF	3043180	3043923	equal			
pORF_-_3044190	3044190	3047063	2874	-	4	18	44	75	100	422	549	649	b2903	gcvP	3044190	3047063	equal			
pORF_-_3047182	3047182	3047574	393	-	5	1	3	6	9	69	89	122	b2904	gcvH	3047182	3047571	inside			
pORF_-_3047595	3047595	3048689	1095	-	4	9	24	35	43	345	398	441	b2905	gcvT	3047595	3048689	equal			
pORF_-_3049137	3049137	3050339	1203	-	4	0	0	2	3	0	4	6	b2906	visC	3049137	3050339	equal			
pORF_-_3050362	3050362	3051540	1179	-	5	0	0	4	7	0	14	25	b2907	ubiH	3050362	3051540	equal			
pORF_-_3051537	3051537	3053075	1539	-	4	7	29	40	52	143	199	266	b2908	pepP	3051537	3052862	inside			
pORF_-_3052888	3052888	3053472	585	-	5	2	4	7	10	10	22	36	b2909	ygfB	3052888	3053466	inside			
pORF_-_3055200	3055200	3056432	1233	-	4	15	74	103	134	3825	4137	4453	b2913	serA	3055200	3056432	equal			
pORF_-_3056688	3056688	3057419	732	-	4	6	21	29	38	561	668	814	b2914	rpiA	3056688	3057347	inside			
pORF_-_3064299	3064299	3065210	912	-	4	0	1	1	1	2	2	2	b2921	ygfI	3064299	3065195	inside			
pORF_-_3065362	3065362	3066102	741	-	5	9	26	36	47	460	516	624	b2922	yggE	3065362	3066102	equal			
pORF_-_3066969	3066969	3067829	861	-	4	4	5	13	20	2	69	118	b2924	mscS	3066969	3067829	equal			
pORF_-_3068187	3068187	3069350	1164	-	4	21	63	90	115	3078	3591	4169	b2925	fbaA	3068187	3069266	inside			
pORF_-_3069481	3069481	3070707	1227	-	5	33	131	176	230	9059	11404	14741	b2926	pgk	3069481	3070644	inside			
pORF_-_3070694	3070694	3071797	1104	-	6	5	8	9	11	15	17	21	b2927	epd	3070694	3071713	inside			
pORF_-_3071998	3071998	3072711	714	-	5	0	0	1	2	0	11	22	b2928	yggC	3071998	3072711	equal			
pORF_-_3074767	3074767	3075063	297	-	5	0	1	1	1	2	2	2								FP
pORF_-_3075493	3075493	3076881	1389	-	5	0	1	1	1	2	2	2	b2933	cmtA	3075493	3076881	equal			
pORF_-_3077666	3077666	3079687	2022	-	6	23	84	117	141	2112	2371	2658	b2935	tktA	3077666	3079657	inside			
pORF_-_3080899	3080899	3081819	921	-	5	10	21	31	41	318	365	407	b2937	speB	3080899	3081819	equal			
pORF_-_3081957	3081957	3083945	1989	-	4	12	27	47	62	205	331	413	b2938	speA	3081957	3083933	inside			
pORF_-_3086384	3086384	3086467	84	-	6	0	0	0	1	0	0	7								FP
pORF_-_3092122	3092122	3093177	1056	-	5	2	2	2	2	0	0	0	b2950	yggR	3092122	3093102	inside			
pORF_-_3097704	3097704	3098750	1047	-	4	0	1	2	2	2	4	4	b2957	ansB	3097704	3098750	equal			
pORF_-_3098926	3098926	3099645	720	-	5	4	12	16	23	70	84	106	b2958	yggN	3098926	3099645	equal			
pORF_-_3099829	3099829	3100185	357	-	5	3	3	6	10	0	47	109	b2959	yggL	3099829	3100155	inside			

pORF_-_3100155	3100155	3100874	720	-	4	0	5	11	15	109	131	150	b2960	trmI	3100155	3100874	equal	
pORF_-_3105042	3105042	3107237	2196	-	4	1	1	9	11	0	24	28	b2965	speC	3105042	3107177	inside	
pORF_-_3110076	3110076	3111071	996	-	4	0	0	0	1	0	0	3	b2970	yghF	3110115	3110942	inside	
pORF_-_3112572	3112572	3117152	4581	-	4	3	4	6	9	2	7	14	b4466	yghJ	3112572	3117134	inside	
pORF_-_3117619	3117619	3119301	1683	-	5	0	1	1	1	2	2	2	b2975	glcA	3117619	3119301	equal	
pORF_-_3119656	3119656	3121827	2172	-	5	1	14	24	59	116	148	322	b2976	glcB	3119656	3121827	equal	
pORF_-_3121849	3121849	3122271	423	-	5	0	2	6	10	18	27	58	b2977	glcG	3121849	3122253	inside	
pORF_-_3122695	3122695	3122856	162	-	5	0	1	1	1	2	2	2						FP
pORF_-_3123492	3123492	3124544	1053	-	4	0	0	0	4	0	0	8	b4468	glcE	3123492	3124544	equal	
pORF_-_3124544	3124544	3126043	1500	-	6	0	0	1	3	0	3	7	b2979	glcD	3124544	3126043	equal	
pORF_-_3129363	3129363	3130430	1068	-	4	1	1	1	1	0	0	0	b2983	yghQ	3129363	3130430	equal	
pORF_-_3134685	3134685	3136547	1863	-	4	6	6	21	36	0	53	121	b2988	gsp	3134685	3136544	inside	
pORF_-_3134702	3134702	3134929	228	-	6	0	0	1	1	0	2	2						FP
pORF_-_3139308	3139308	3141011	1704	-	4	0	0	1	3	0	4	9	b2994	hybC	3139308	3141011	equal	
pORF_-_3148840	3148840	3149265	426	-	5	0	0	4	5	0	11	14	b3005	exbD	3148840	3149265	equal	
pORF_-_3149272	3149272	3150006	735	-	5	3	6	8	10	87	91	96	b3006	exbB	3149272	3150006	equal	
pORF_-_3156949	3156949	3159168	2220	-	5	0	0	0	1	0	0	2	b4469	ygiQ	3156949	3159168	equal	
pORF_-_3159279	3159279	3160691	1413	-	4	2	4	8	12	7	16	28	b3017	ftsP	3159279	3160691	equal	
pORF_-_3160766	3160766	3161503	738	-	6	0	1	4	7	3	13	22	b3018	plsC	3160766	3161503	equal	
pORF_-_3161737	3161737	3163995	2259	-	5	4	15	27	37	166	242	305	b3019	parC	3161737	3163995	equal	
pORF_-_3164133	3164133	3165803	1671	-	4	9	9	9	9	0	0	0	b3020	ygiS	3164133	3165740	inside	
pORF_-_3165873	3165873	3166268	396	-	4	0	1	2	3	3	5	7	b3021	ygiT	3165873	3166268	equal	
pORF_-_3167306	3167306	3167755	450	-	6	3	9	13	19	125	147	208	b3024	ygiW	3167306	3167698	inside	
pORF_-_3171526	3171526	3173418	1893	-	5	3	4	8	10	2	14	23	b3030	parE	3171526	3173418	equal	
pORF_-_3173447	3173447	3174028	582	-	6	0	2	3	3	15	17	17	b3031	yqiA	3173447	3174028	equal	
pORF_-_3174028	3174028	3174855	828	-	5	0	1	2	3	2	5	7	b3032	cpdA	3174028	3174855	equal	
pORF_-_3175303	3175303	3175932	630	-	5	4	5	7	9	10	25	39	b3034	nudF	3175303	3175932	equal	
pORF_-_3181835	3181835	3182488	654	-	6	7	16	20	24	267	294	325	b3041	ribB	3181835	3182488	equal	
pORF_-_3189761	3189761	3189967	207	-	6	0	0	0	2	0	0	10	b3049	glgS	3189761	3189961	inside	
pORF_-_3193342	3193342	3194775	1434	-	5	5	24	36	52	280	329	392	b3052	rfaE	3193342	3194775	equal	
pORF_-_3194823	3194823	3197867	3045	-	4	1	2	9	12	4	30	41	b3053	glnE	3194823	3197663	inside	
pORF_-_3197686	3197686	3198987	1302	-	5	0	2	14	21	15	55	83	b3054	ygiF	3197686	3198987	equal	
pORF_-_3205991	3205991	3206101	111	-	6	0	1	1	1	4	4	4						FP
pORF_-_3207552	3207552	3208565	1014	-	4	0	2	4	6	13	17	21	b3064	ygjD	3207552	3208565	equal	
pORF_-_3212989	3212989	3213495	507	-	5	0	1	3	4	5	16	22	b3068	mug	3212989	3213495	equal	
pORF_-_3213749	3213749	3214513	765	-	6	3	8	12	15	110	123	134	b3070	yqjH	3213749	3214513	equal	
pORF_-_3214030	3214030	3214257	228	-	5	0	1	1	1	2	2	2						FP
pORF_-_3215100	3215100	3215378	279	-	4	0	1	1	1	2	2	2						FP
pORF_-_3215578	3215578	3217098	1521	-	5	0	8	13	14	195	216	219	b3072	aer	3215578	3217098	equal	
pORF_-_3219412	3219412	3219669	258	-	5	0	1	1	1	8	8	8						FP
pORF_-_3227864	3227864	3228247	384	-	6	0	0	1	1	0	2	2						FP
pORF_-_3231750	3231750	3232166	417	-	4	0	1	1	1	3	3	3	b3082	ygjM	3231750	3232166	equal	
pORF_-_3232761	3232761	3233927	1167	-	4	0	0	1	2	0	2	4	b3084	rlmG	3232761	3233897	inside	
pORF_-_3237319	3237319	3237546	228	-	5	0	1	1	1	3	3	3						FP
pORF_-_3239849	3239849	3241336	1488	-	6	0	1	1	1	2	2	2	b3091	uxaA	3239849	3241336	equal	
pORF_-_3241351	3241351	3242826	1476	-	5	0	1	3	7	3	8	22	b3092	uxaC	3241351	3242763	inside	

pORF_-_3243363	3243363	3244262	900	-	4	0	1	1	1	3	3	3							
pORF_-_3251340	3251340	3252236	897	-	4	0	6	9	12	42	49	58	b3105	yhaJ	3251340	3252236	equal		
pORF_-_3251701	3251701	3251955	255	-	5	0	1	1	1	4	4	4							FP
pORF_-_3253363	3253363	3254673	1311	-	5	0	0	1	1	0	2	2	b4470	yhaM	3253363	3254673	equal		
pORF_-_3256307	3256307	3257677	1371	-	6	5	5	5	5	0	0	0	b4471	tdcG	3256307	3257671	inside		
pORF_-_3257743	3257743	3258195	453	-	5	1	5	6	9	28	31	38	b3113	tdcF	3257743	3258132	inside		
pORF_-_3258146	3258146	3260440	2295	-	6	35	39	45	47	108	126	132	b3114	tdcE	3258146	3260440	equal		
pORF_-_3260474	3260474	3261694	1221	-	6	3	3	3	4	0	0	4	b3115	tdcD	3260474	3261682	inside		
pORF_-_3261708	3261708	3263039	1332	-	4	0	0	1	1	0	7	7	b3116	tdcC	3261708	3263039	equal		
pORF_-_3263061	3263061	3264050	990	-	4	1	2	2	2	19	19	19	b3117	tdcB	3263061	3264050	equal		
pORF_-_3264149	3264149	3265087	939	-	6	0	0	1	1	0	2	2	b3118	tdcA	3264149	3265087	equal		
pORF_-_3268647	3268647	3269873	1227	-	4	0	2	2	2	13	13	13	b3124	garK	3268647	3269792	inside		
pORF_-_3269889	3269889	3270788	900	-	4	0	0	3	5	0	11	24	b3125	garR	3269889	3270773	inside		
pORF_-_3275878	3275878	3276687	810	-	5	0	1	3	4	4	9	12	b3131	agaR	3275878	3276687	equal		
pORF_-_3280435	3280435	3280575	141	-	5	0	1	1	1	2	2	2							FP
pORF_-_3287931	3287931	3288509	579	-	4	0	0	0	1	0	0	3							FP
pORF_-_3288346	3288346	3288525	180	-	5	0	1	1	1	3	3	3							FP
pORF_-_3289094	3289094	3289204	111	-	6	0	0	1	2	0	7	14							FP
pORF_-_3290497	3290497	3291357	861	-	5	0	4	8	13	90	101	113	b3146	yraL	3290497	3291357	equal		
pORF_-_3295120	3295120	3296160	1041	-	5	0	0	2	2	0	4	4	b3151	yraQ	3295120	3296160	equal		
pORF_-_3296233	3296233	3296913	681	-	5	0	0	2	3	0	4	7	b3152	yraR	3296233	3296868	inside		
pORF_-_3297494	3297494	3297937	444	-	6	1	1	2	2	0	2	2	b3154	yhbP	3297494	3297937	equal		
pORF_-_3298277	3298277	3298780	504	-	6	0	6	9	12	147	155	165	b3156	yhbS	3298277	3298780	equal		
pORF_-_3301530	3301530	3301727	198	-	4	0	1	1	1	2	2	2							FP
pORF_-_3302274	3302274	3302432	159	-	4	0	1	1	1	6	6	6							FP
pORF_-_3303993	3303993	3305948	1956	-	4	22	59	73	74	875	942	945	b3162	deaD	3303993	3305882	inside		
pORF_-_3306062	3306062	3306946	885	-	6	1	1	3	4	0	7	11	b3163	nlpI	3306062	3306946	equal		
pORF_-_3307055	3307055	3309277	2223	-	6	32	118	149	178	5332	5651	5949	b3164	pnp	3307055	3309190	inside		
pORF_-_3309437	3309437	3309706	270	-	6	2	18	23	28	981	1068	1187	b3165	rpsO	3309437	3309706	equal		
pORF_-_3309855	3309855	3310799	945	-	4	2	3	6	7	2	10	12	b3166	truB	3309855	3310799	equal		
pORF_-_3310799	3310799	3311218	420	-	6	3	19	24	30	219	263	314	b3167	rbfA	3310799	3311200	inside		
pORF_-_3311364	3311364	3314036	2673	-	4	40	135	188	244	3248	3856	4422	b3168	infB	3311364	3314036	equal		
pORF_-_3314061	3314061	3315548	1488	-	4	22	80	109	139	3098	3270	3471	b3169	nusA	3314061	3315548	equal		
pORF_-_3315576	3315576	3316040	465	-	4	3	6	6	6	156	156	156	b3170	yhbC	3315576	3316034	inside		
pORF_-_3318010	3318010	3319668	1659	-	5	0	1	1	1	6	6	6	b3173	yhbX	3318010	3319635	inside		
pORF_-_3320195	3320195	3320575	381	-	6	0	0	2	4	0	14	26	b3175	secG	3320195	3320527	inside		
pORF_-_3320755	3320755	3322092	1338	-	5	17	43	60	76	839	911	995	b3176	glmM	3320755	3322092	equal		
pORF_-_3322085	3322085	3322999	915	-	6	1	9	14	16	48	60	65	b3177	folP	3322085	3322933	inside		
pORF_-_3323023	3323023	3324966	1944	-	5	15	56	80	106	1812	2078	2350	b3178	hflB	3323023	3324957	inside		
pORF_-_3325057	3325057	3325686	630	-	5	2	5	9	13	10	26	40	b3179	rrmJ	3325057	3325686	equal		
pORF_-_3326261	3326261	3326737	477	-	6	11	26	34	42	377	433	479	b3181	greA	3326261	3326737	equal		
pORF_-_3328604	3328604	3329776	1173	-	6	6	25	33	39	511	533	554	b3183	obgE	3328604	3329776	equal		
pORF_-_3329792	3329792	3330757	966	-	6	0	0	1	2	0	3	5	b3184	yhbE	3329792	3330757	equal		
pORF_-_3330884	3330884	3331141	258	-	6	4	21	27	32	1422	1508	1596	b3185	rpmA	3330884	3331141	equal		
pORF_-_3331162	3331162	3331497	336	-	5	5	30	35	40	1403	2008	2323	b3186	rplU	3331162	3331473	inside		
pORF_-_3333257	3333257	3334516	1260	-	6	6	23	34	40	535	637	700	b3189	murA	3333257	3334516	equal		

pORF_-_3334571	3334571	3334840	270	-	6	1	1	2	4	0	3	10	b3190	yrbA	3334571	3334825	inside	
pORF_-_3334985	3334985	3335374	390	-	6	3	6	8	10	103	113	123	b3191	yrbB	3334985	3335278	inside	
pORF_-_3335278	3335278	3335913	636	-	5	7	10	15	24	13	25	56	b3192	yrbC	3335278	3335913	equal	
pORF_-_3335932	3335932	3336498	567	-	5	4	7	14	18	41	90	112	b3193	yrbD	3335932	3336483	inside	
pORF_-_3336488	3336488	3337270	783	-	6	0	0	0	1	0	0	2	b3194	yrbE	3336488	3337270	equal	
pORF_-_3337278	3337278	3338087	810	-	4	0	4	8	13	62	89	113	b3195	yrbF	3337278	3338087	equal	
pORF_-_3341975	3341975	3342352	378	-	6	0	1	1	1	3	3	3						FP
pORF_-_3346887	3346887	3347090	204	-	4	0	0	0	1	0	0	2						FP
pORF_-_3347828	3347828	3348490	663	-	6	6	9	16	21	107	144	176	b3209	elbB	3347828	3348481	inside	
pORF_-_3348711	3348711	3351047	2337	-	4	1	8	15	19	71	88	104	b3210	arcB	3348711	3351047	equal	
pORF_-_3349676	3349676	3350074	399	-	6	0	0	1	1	0	7	7						FP
pORF_-_3363724	3363724	3364740	1017	-	5	0	0	46	46	0	158	158	b3218	insH	3363724	3364740	equal	
pORF_-_3367497	3367497	3368411	915	-	4	1	1	1	1	0	0	0	b3222	nanK	3367497	3368372	inside	
pORF_-_3368369	3368369	3369100	732	-	6	2	2	2	2	0	0	0	b3223	nanE	3368369	3369058	inside	
pORF_-_3369106	3369106	3370626	1521	-	5	0	0	1	3	0	6	12	b3224	nanT	3369106	3370596	inside	
pORF_-_3370705	3370705	3371598	894	-	5	7	8	11	14	6	12	18	b3225	nanA	3370705	3371598	equal	
pORF_-_3371720	3371720	3372511	792	-	6	0	2	7	9	6	19	24	b3226	nanR	3371720	3372511	equal	
pORF_-_3374301	3374301	3374798	498	-	4	4	6	9	12	10	16	23	b3228	sspB	3374301	3374798	equal	
pORF_-_3374804	3374804	3375442	639	-	6	8	19	33	45	284	380	449	b3229	sspA	3374804	3375442	equal	
pORF_-_3375837	3375837	3376229	393	-	4	10	52	62	70	4554	4713	4768	b3230	rpsI	3375837	3376229	equal	
pORF_-_3376245	3376245	3376748	504	-	4	11	57	69	81	2488	2592	2735	b3231	rplM	3376245	3376673	inside	
pORF_-_3376892	3376892	3378019	1128	-	6	0	3	7	10	7	18	27	b3232	yhcM	3376892	3378019	equal	
pORF_-_3378396	3378396	3378668	273	-	4	0	1	1	1	5	5	5						FP
pORF_-_3381352	3381352	3382356	1005	-	5	14	110	153	201	11308	13080	15185	b3236	mdh	3381352	3382290	inside	
pORF_-_3383879	3383879	3384151	273	-	6	0	2	2	2	6	6	6	b3239	yhcO	3383879	3384151	equal	
pORF_-_3388605	3388605	3390050	1446	-	4	4	10	20	29	54	97	144	b3244	tldD	3388605	3390050	equal	
pORF_-_3390480	3390480	3394280	3801	-	4	2	2	3	7	0	2	11	b4472	yhdP	3390480	3394280	equal	
pORF_-_3392987	3392987	3393304	318	-	6	0	1	1	1	6	6	6						FP
pORF_-_3394348	3394348	3395835	1488	-	5	0	5	15	20	18	48	64	b3247	rng	3394348	3395817	inside	
pORF_-_3395807	3395807	3396460	654	-	6	0	2	6	9	10	18	27	b3248	yhdE	3395807	3396400	inside	
pORF_-_3396897	3396897	3398000	1104	-	4	0	0	5	7	0	15	21	b3250	mreC	3396897	3398000	equal	
pORF_-_3398066	3398066	3399184	1119	-	6	16	63	77	94	2337	2449	2622	b3251	mreB	3398066	3399109	inside	
pORF_-_3399414	3399414	3401354	1941	-	4	0	0	0	1	0	0	2	b3252	csrD	3399414	3401354	equal	
pORF_-_3408635	3408635	3409171	537	-	6	0	0	1	1	0	3	3						FP
pORF_-_3415462	3415462	3415740	279	-	5	0	0	0	1	0	0	3						FP
pORF_-_3420106	3420106	3420621	516	-	5	0	0	1	1	0	14	14						FP
pORF_-_3428042	3428042	3428887	846	-	6	5	8	12	17	49	65	81	b3281	aroE	3428042	3428860	inside	
pORF_-_3428865	3428865	3429482	618	-	4	4	5	6	8	10	15	21	b3282	rimN	3428865	3429437	inside	
pORF_-_3429442	3429442	3429984	543	-	5	0	0	1	1	0	3	3	b3283	yrdD	3429442	3429984	equal	
pORF_-_3435022	3435022	3435246	225	-	5	0	1	1	1	2	2	2						FP
pORF_-_3436030	3436030	3436224	195	-	5	0	1	1	1	2	2	2						FP
pORF_-_3436282	3436282	3436347	66	-	5	0	1	1	1	5	5	5						FP
pORF_-_3437638	3437638	3438021	384	-	5	8	52	58	63	3439	3516	3580	b3294	rplQ	3437638	3438021	equal	
pORF_-_3438062	3438062	3439051	990	-	6	23	73	100	131	3826	5487	7396	b3295	rpoA	3438062	3439051	equal	
pORF_-_3439077	3439077	3439697	621	-	4	17	88	105	126	6585	9092	12030	b3296	rpsD	3439077	3439697	equal	
pORF_-_3439731	3439731	3440120	390	-	4	7	27	37	45	1745	1851	1925	b3297	rpsK	3439731	3440120	equal	

pORF_-_3440137	3440137	3440493	357	-	5	10	37	48	58	3524	3972	4520	b3298	rpsM	3440137	3440493	equal
pORF_-_3440640	3440640	3440756	117	-	4	0	2	2	2	9	9	9	b3299	rpmJ	3440640	3440756	equal
pORF_-_3440788	3440788	3442119	1332	-	5	5	5	9	14	0	37	90	b3300	secY	3440788	3442119	equal
pORF_-_3442127	3442127	3442561	435	-	6	9	63	72	83	5036	5164	5275	b3301	rplO	3442127	3442561	equal
pORF_-_3442565	3442565	3442744	180	-	6	4	28	33	37	1771	1805	1827	b3302	rpmD	3442565	3442744	equal
pORF_-_3442748	3442748	3443251	504	-	6	9	91	107	128	7314	7603	7874	b3303	rpsE	3442748	3443251	equal
pORF_-_3443266	3443266	3443619	354	-	5	6	46	56	64	4338	4533	4763	b3304	rplR	3443266	3443619	equal
pORF_-_3443629	3443629	3444162	534	-	5	12	65	82	101	6347	6648	6930	b3305	rplF	3443629	3444162	equal
pORF_-_3444175	3444175	3444567	393	-	5	8	68	79	88	3638	4093	4805	b3306	rpsH	3444175	3444567	equal
pORF_-_3444601	3444601	3444906	306	-	5	4	36	41	47	1728	1831	1902	b3307	rpsN	3444601	3444906	equal
pORF_-_3444921	3444921	3445460	540	-	4	17	102	127	151	5582	5852	6145	b3308	rplE	3444921	3445460	equal
pORF_-_3445475	3445475	3445789	315	-	6	9	56	69	79	2793	3094	3361	b3309	rplX	3445475	3445789	equal
pORF_-_3445800	3445800	3446171	372	-	4	6	50	57	65	3501	3590	3653	b3310	rplN	3445800	3446171	equal
pORF_-_3446336	3446336	3446590	255	-	6	3	32	37	41	1722	1820	1887	b3311	rpsQ	3446336	3446590	equal
pORF_-_3446590	3446590	3446781	192	-	5	5	40	44	52	3623	3738	3869	b3312	rpmC	3446590	3446781	equal
pORF_-_3446781	3446781	3447191	411	-	4	5	47	52	61	3861	3993	4142	b3313	rplP	3446781	3447191	equal
pORF_-_3447204	3447204	3447905	702	-	4	13	82	106	124	5229	5509	5826	b3314	rpsC	3447204	3447905	equal
pORF_-_3447923	3447923	3448255	333	-	6	11	62	73	84	4456	4658	4860	b3315	rplV	3447923	3448255	equal
pORF_-_3448270	3448270	3448548	279	-	5	8	45	56	64	2937	3048	3131	b3316	rpsS	3448270	3448548	equal
pORF_-_3448565	3448565	3449386	822	-	6	19	104	124	139	6247	6413	6573	b3317	rplB	3448565	3449386	equal
pORF_-_3449404	3449404	3449706	303	-	5	4	61	62	65	6117	7330	7918	b3318	rplW	3449404	3449706	equal
pORF_-_3449703	3449703	3450308	606	-	4	12	124	140	154	10367	10652	10934	b3319	rplD	3449703	3450308	equal
pORF_-_3450319	3450319	3450948	630	-	5	16	83	97	112	6742	7234	7813	b3320	rplC	3450319	3450948	equal
pORF_-_3450981	3450981	3451292	312	-	4	7	54	65	77	3479	3628	3755	b3321	rpsJ	3450981	3451292	equal
pORF_-_3451951	3451951	3453420	1470	-	5	1	1	1	1	0	0	0	b3323	gspA	3451951	3453420	equal
pORF_-_3455211	3455211	3455459	249	-	4	0	1	1	1	2	2	2					FP
pORF_-_3464271	3464271	3464747	477	-	4	3	20	27	39	465	497	578	b3336	bfr	3464271	3464747	equal
pORF_-_3468167	3468167	3469396	1230	-	6	36	435	569	728	43041	52687	63554	b3339	tufA	3468167	3469351	inside
pORF_-_3469422	3469422	3471536	2115	-	4	49	215	279	346	12786	17168	21911	b3340	fusA	3469422	3471536	equal
pORF_-_3471564	3471564	3472103	540	-	4	16	86	100	117	7322	7728	8207	b3341	rpsG	3471564	3472103	equal
pORF_-_3472200	3472200	3472634	435	-	4	4	31	43	52	1478	2240	3551	b3342	rpsL	3472200	3472574	inside
pORF_-_3472700	3472700	3472987	288	-	6	0	1	2	2	2	4	4	b3343	yheL	3472700	3472987	equal
pORF_-_3472995	3472995	3473354	360	-	4	0	0	1	1	0	2	2	b3344	yheM	3472995	3473354	equal
pORF_-_3473354	3473354	3473740	387	-	6	0	0	1	1	0	2	2	b3345	yheN	3473354	3473740	equal
pORF_-_3473740	3473740	3474474	735	-	5	3	9	14	18	32	57	77	b3346	yheO	3473740	3474462	inside
pORF_-_3474629	3474629	3475441	813	-	6	15	48	61	78	1254	1317	1410	b3347	fkpA	3474629	3475441	equal
pORF_-_3475874	3475874	3476119	246	-	6	0	1	1	1	31	31	31					FP
pORF_-_3475929	3475929	3476519	591	-	4	4	16	19	21	1202	1220	1231	b3349	slyD	3475929	3476519	equal
pORF_-_3483436	3483436	3483840	405	-	5	0	2	5	7	21	32	45	b3356	yhfA	3483436	3483840	equal
pORF_-_3486982	3486982	3488202	1221	-	5	0	23	41	58	939	1105	1276	b3359	argD	3486982	3488202	equal
pORF_-_3488288	3488288	3488851	564	-	6	0	0	1	1	0	2	2	b3360	pabA	3488288	3488851	equal
pORF_-_3488883	3488883	3489485	603	-	4	0	1	1	4	2	2	12	b3361	fic	3488883	3489485	equal
pORF_-_3489475	3489475	3489642	168	-	5	0	1	1	2	17	17	23	b3362	yhfG	3489475	3489642	equal
pORF_-_3489623	3489623	3489676	54	-	6	0	0	1	1	0	3	3					FP
pORF_-_3489747	3489747	3490319	573	-	4	8	18	27	37	151	226	322	b3363	ppiA	3489747	3490319	equal
pORF_-_3495021	3495021	3495386	366	-	4	0	1	1	1	2	2	2					FP

pORF_-_3504054	3504054	3505358	1305	-	4	0	1	1	2	3	3	5	b3377	yhfT	3504054	3505358	equal	
pORF_-_3510656	3510656	3511660	1005	-	6	16	46	63	80	1025	1170	1299	b3384	trpS	3510656	3511660	equal	
pORF_-_3511653	3511653	3512411	759	-	4	0	8	14	21	218	247	281	b3385	gph	3511653	3512411	equal	
pORF_-_3512404	3512404	3513081	678	-	5	4	17	27	34	487	551	612	b3386	rpe	3512404	3513081	equal	
pORF_-_3513099	3513099	3513935	837	-	4	0	0	2	2	0	7	7	b3387	dam	3513099	3513935	equal	
pORF_-_3514042	3514042	3515328	1287	-	5	10	14	21	38	43	92	177	b3388	damX	3514042	3515328	equal	
pORF_-_3515076	3515076	3515228	153	-	4	0	1	1	1	2	2	2						FP
pORF_-_3515420	3515420	3516508	1089	-	6	1	9	17	27	44	104	167	b3389	aroB	3515420	3516508	equal	
pORF_-_3516565	3516565	3517287	723	-	5	11	24	32	40	539	609	644	b3390	aroK	3516565	3517086	inside	
pORF_-_3523611	3523611	3524171	561	-	4	2	6	11	15	16	27	37	b3397	nudE	3523611	3524171	equal	
pORF_-_3525918	3525918	3526169	252	-	4	1	1	1	1	0	0	0						FP
pORF_-_3528737	3528737	3530461	1725	-	6	0	0	0	1	0	0	2	b3402	yhgE	3528737	3530461	equal	
pORF_-_3532538	3532538	3533890	1353	-	6	0	0	2	4	0	29	40	b3404	envZ	3532538	3533890	equal	
pORF_-_3533887	3533887	3534621	735	-	5	5	20	26	36	211	230	262	b3405	ompR	3533887	3534606	inside	
pORF_-_3542096	3542096	3542866	771	-	6	0	1	2	5	2	4	12	b3412	bioH	3542096	3542866	equal	
pORF_-_3546008	3546008	3548092	2085	-	6	2	2	3	5	0	3	9	b3416	malQ	3546008	3548092	equal	
pORF_-_3548102	3548102	3550495	2394	-	6	23	25	50	70	27	132	220	b3417	malP	3548102	3550495	equal	
pORF_-_3551125	3551125	3551409	285	-	5	0	0	1	1	0	4	4						FP
pORF_-_3552779	3552779	3552946	168	-	6	0	1	1	1	2	2	2						FP
pORF_-_3557870	3557870	3558628	759	-	6	0	4	10	13	22	37	44	b3423	glpR	3557870	3558628	equal	
pORF_-_3558645	3558645	3559475	831	-	4	2	2	2	2	0	0	0	b3424	glpG	3558645	3559475	equal	
pORF_-_3559520	3559520	3559870	351	-	6	0	1	1	1	6	6	6	b3425	glpE	3559520	3559846	inside	
pORF_-_3562157	3562157	3564604	2448	-	6	3	3	17	29	0	40	80	b3428	glgP	3562157	3564604	equal	
pORF_-_3564264	3564264	3564485	222	-	4	0	1	1	1	2	2	2						FP
pORF_-_3564623	3564623	3566056	1434	-	6	2	7	15	26	34	63	105	b3429	glgA	3564623	3566056	equal	
pORF_-_3566056	3566056	3567387	1332	-	5	0	8	20	37	44	91	145	b3430	glgC	3566056	3567351	inside	
pORF_-_3567369	3567369	3569342	1974	-	4	0	0	1	7	0	4	28	b3431	glgX	3567369	3569342	equal	
pORF_-_3569339	3569339	3571525	2187	-	6	1	2	17	31	2	48	95	b3432	glgB	3569339	3571525	equal	
pORF_-_3571798	3571798	3573024	1227	-	5	17	67	99	136	2711	3431	4413	b3433	asd	3571798	3572901	inside	
pORF_-_3575088	3575088	3575636	549	-	4	0	0	1	2	0	3	6	b3437	gntK	3575088	3575615	inside	
pORF_-_3575754	3575754	3576749	996	-	4	3	6	8	10	27	33	42	b3438	gntR	3575754	3576749	equal	
pORF_-_3576973	3576973	3577668	696	-	5	0	0	1	5	0	2	18	b3439	yhhW	3576973	3577668	equal	
pORF_-_3577791	3577791	3578828	1038	-	4	10	18	22	28	147	161	180	b3440	yhhX	3577791	3578828	equal	
pORF_-_3580347	3580347	3580463	117	-	4	0	1	1	1	6	6	6						FP
pORF_-_3583104	3583104	3584873	1770	-	4	0	18	18	18	258	258	258	b3447	ggt	3583104	3584846	inside	
pORF_-_3585393	3585393	3586136	744	-	4	0	0	0	5	0	0	15	b3449	ugpQ	3585393	3586136	equal	
pORF_-_3586133	3586133	3587242	1110	-	6	0	0	0	1	0	0	3	b3450	ugpC	3586133	3587203	inside	
pORF_-_3589032	3589032	3590348	1317	-	4	1	7	12	33	19	32	144	b3453	ugpB	3589032	3590348	equal	
pORF_-_3590747	3590747	3591472	726	-	6	0	8	14	21	75	104	133	b3454	livF	3590747	3591460	inside	
pORF_-_3591462	3591462	3592229	768	-	4	0	7	16	20	73	116	140	b3455	livG	3591462	3592229	equal	
pORF_-_3592226	3592226	3593503	1278	-	6	0	0	1	2	0	3	5	b3456	livM	3592226	3593503	equal	
pORF_-_3592744	3592744	3592932	189	-	5	0	0	0	1	0	0	3						FP
pORF_-_3594474	3594474	3595637	1164	-	4	6	46	76	109	2911	3322	3667	b3458	livK	3594474	3595583	inside	
pORF_-_3596578	3596578	3597738	1161	-	5	4	80	109	149	6655	7567	8820	b3460	livJ	3596578	3597681	inside	
pORF_-_3597952	3597952	3598806	855	-	5	1	1	2	2	0	2	2	b3461	rpoH	3597952	3598806	equal	
pORF_-_3599051	3599051	3600136	1086	-	6	0	0	1	3	0	7	17	b3462	ftsX	3599051	3600109	inside	

pORF_-_3600102	3600102	3600770	669	-	4	2	4	8	15	56	76	103	b3463	ftsE	3600102	3600770	equal	
pORF_-_3600773	3600773	3602266	1494	-	6	12	32	44	54	299	369	439	b3464	ftsY	3600773	3602266	equal	
pORF_-_3603274	3603274	3603633	360	-	5	0	0	2	5	0	4	10	b3467	yhhM	3603274	3603633	equal	
pORF_-_3606774	3606774	3607019	246	-	4	0	0	2	3	0	5	7	b3470	sirA	3606774	3607019	equal	
pORF_-_3609968	3609968	3610300	333	-	6	0	1	1	1	2	2	2						FP
pORF_-_3618839	3618839	3618937	99	-	6	0	2	2	2	4	4	4						FP
pORF_-_3619741	3619741	3620160	420	-	5	0	3	3	3	6	6	6						FP
pORF_-_3624826	3624826	3627561	2736	-	5	2	2	6	8	0	10	15	b3486	rbbA	3624826	3627561	equal	
pORF_-_3627558	3627558	3628625	1068	-	4	1	19	28	39	209	234	274	b3487	yhiI	3627558	3628625	equal	
pORF_-_3628991	3628991	3630613	1623	-	6	0	0	0	1	0	0	2	b3488	yhiJ	3628991	3630613	equal	
pORF_-_3634231	3634231	3635433	1203	-	5	2	2	3	3	0	2	2	b3492	yhiN	3634231	3635433	equal	
pORF_-_3640403	3640403	3641260	858	-	6	0	2	2	2	9	9	9	b3497	yhiQ	3640403	3641155	inside	
pORF_-_3641163	3641163	3643244	2082	-	4	12	33	64	91	336	477	604	b3498	prlC	3641163	3643205	inside	
pORF_-_3650205	3650205	3651221	1017	-	4	0	0	46	46	0	158	158	b3505	insH	3650205	3651221	equal	
pORF_-_3653989	3653989	3654327	339	-	5	0	9	12	19	162	206	478	b3509	hdeB	3653989	3654315	inside	
pORF_-_3654431	3654431	3654763	333	-	6	0	3	8	15	13	131	434	b3510	hdeA	3654431	3654763	equal	
pORF_-_3657555	3657555	3657905	351	-	4	0	1	1	1	3	3	3						FP
pORF_-_3663009	3663009	3663833	825	-	4	0	1	1	1	2	2	2	b3516	gadX	3663009	3663833	equal	
pORF_-_3664203	3664203	3665666	1464	-	4	15	37	71	120	216	398	2058	b3517	gadA	3664203	3665603	inside	
pORF_-_3665814	3665814	3667211	1398	-	4	0	0	1	1	0	2	2	b3518	yhjA	3665814	3667211	equal	
pORF_-_3668095	3668095	3668358	264	-	5	0	1	1	1	2	2	2						FP
pORF_-_3674313	3674313	3676388	2076	-	4	0	2	2	5	5	5	14	b3524	yhjG	3674313	3676388	equal	
pORF_-_3678467	3678467	3679963	1497	-	6	8	10	12	19	11	17	38	b3527	yhjJ	3678467	3679963	equal	
pORF_-_3680184	3680184	3681470	1287	-	4	0	0	0	1	0	0	7	b3528	dctA	3680184	3681470	equal	
pORF_-_3681653	3681653	3683641	1989	-	6	0	1	1	2	2	2	5	b3529	yhjK	3681653	3683608	inside	
pORF_-_3699887	3699887	3700891	1005	-	6	1	9	17	26	67	92	123	b3540	dppF	3699887	3700891	equal	
pORF_-_3700888	3700888	3701871	984	-	5	1	8	15	21	39	56	73	b3541	dppD	3700888	3701871	equal	
pORF_-_3701882	3701882	3702784	903	-	6	0	0	1	1	0	2	2	b3542	dppC	3701882	3702784	equal	
pORF_-_3702794	3702794	3703813	1020	-	6	0	0	0	1	0	0	3	b3543	dppB	3702794	3703813	equal	
pORF_-_3704121	3704121	3705728	1608	-	4	12	133	170	207	6671	6999	7373	b3544	dppA	3704121	3705728	equal	
pORF_-_3706807	3706807	3708531	1725	-	5	0	0	0	1	0	0	3	b3546	eptB	3706807	3708498	inside	
pORF_-_3710696	3710696	3710896	201	-	6	0	1	1	1	2	2	2						FP
pORF_-_3712084	3712084	3714417	2334	-	5	2	2	2	5	0	0	6	b3551	bisC	3712084	3714417	equal	
pORF_-_3716357	3716357	3717187	831	-	6	4	7	16	27	16	69	140	b3554	yiaF	3716357	3717067	inside	
pORF_-_3720351	3720351	3722420	2070	-	4	34	101	143	184	2570	2920	3369	b3559	glyS	3720351	3722420	equal	
pORF_-_3722430	3722430	3723341	912	-	4	7	16	26	33	94	173	222	b3560	glyQ	3722430	3723341	equal	
pORF_-_3725940	3725940	3727394	1455	-	4	0	1	1	4	5	5	11	b3564	xylB	3725940	3727394	equal	
pORF_-_3727466	3727466	3728800	1335	-	6	0	0	0	1	0	0	2	b3565	xylA	3727466	3728788	inside	
pORF_-_3739707	3739707	3740555	849	-	4	0	0	2	4	0	5	9	b3574	yiaJ	3739707	3740555	equal	
pORF_-_3749151	3749151	3749891	741	-	4	1	1	1	1	0	0	0	b3584	yiaT	3749151	3749891	equal	
pORF_-_3752996	3752996	3754672	1677	-	6	0	2	2	24	18	18	151	b3588	aldB	3752996	3754534	inside	
pORF_-_3754699	3754699	3755850	1152	-	5	2	2	2	2	0	0	0	b3589	yiaY	3754699	3755850	equal	
pORF_-_3756040	3756040	3757884	1845	-	5	1	10	21	27	98	160	186	b3590	selB	3756040	3757884	equal	
pORF_-_3757881	3757881	3759272	1392	-	4	0	1	7	14	2	25	54	b3591	selA	3757881	3759272	equal	
pORF_-_3759370	3759370	3759978	609	-	5	3	6	7	8	26	28	31	b3592	yibF	3759370	3759978	equal	
pORF_-_3761830	3761830	3761928	99	-	5	0	2	2	2	4	4	4						FP

pORF_-_3762732	3762732	3763151	420	-	4	0	3	3	3	6	6	6						FP
pORF_-_3770498	3770498	3770881	384	-	6	0	1	1	1	2	2	2						FP
pORF_-_3774194	3774194	3774403	210	-	6	0	0	0	2	0	0	9	b4554 yibT	3774194	3774403	equal		
pORF_-_3775350	3775350	3775772	423	-	4	0	1	1	1	2	2	2					FP	
pORF_-_3777285	3777285	3777656	372	-	4	0	1	1	1	3	3	3					FP	
pORF_-_3779764	3779764	3780585	822	-	5	4	7	16	22	9	49	76	b3607 cysE	3779764	3780585	equal		
pORF_-_3780665	3780665	3781684	1020	-	6	1	3	13	22	4	51	108	b3608 gpsA	3780665	3781684	equal		
pORF_-_3781684	3781684	3782151	468	-	5	6	13	20	23	415	457	509	b3609 secB	3781684	3782151	equal		
pORF_-_3782214	3782214	3782465	252	-	4	2	14	19	21	84	106	111	b3610 grxC	3782214	3782465	equal		
pORF_-_3782607	3782607	3783050	444	-	4	6	10	16	23	30	66	116	b3611 yibN	3782607	3783038	inside		
pORF_-_3787070	3787070	3788104	1035	-	6	0	1	1	1	2	2	2	b3615 yibD	3787070	3788104	equal		
pORF_-_3788343	3788343	3789368	1026	-	4	5	5	10	12	0	13	22	b3616 tdh	3788343	3789368	equal		
pORF_-_3789378	3789378	3790574	1197	-	4	11	13	17	24	5	16	40	b3617 kbl	3789378	3790574	equal		
pORF_-_3796262	3796262	3797335	1074	-	6	0	0	1	3	0	5	11	b3623 waaU	3796262	3797335	equal		
pORF_-_3798290	3798290	3798988	699	-	6	0	0	4	5	0	16	18	b3625 rfaY	3798290	3798988	equal		
pORF_-_3799006	3799006	3800022	1017	-	5	0	0	0	1	0	0	2	b3626 rfaJ	3799006	3800022	equal		
pORF_-_3800062	3800062	3801081	1020	-	5	0	0	0	1	0	0	3	b3627 rfaI	3800062	3801081	equal		
pORF_-_3801081	3801081	3802190	1110	-	4	0	0	1	2	0	2	4	b3628 rfaB	3801081	3802190	equal		
pORF_-_3802204	3802204	3803139	936	-	5	0	1	1	1	2	2	2	b3629 rfaS	3802204	3803139	equal		
pORF_-_3805087	3805087	3806157	1071	-	5	0	0	2	3	0	6	9	b3632 rfaQ	3805087	3806121	inside		
pORF_-_3808366	3808366	3809175	810	-	5	0	0	1	1	0	2	2	b3635 mutM	3808366	3809175	equal		
pORF_-_3809273	3809273	3809440	168	-	6	3	18	22	28	974	1023	1144	b3636 rpmG	3809273	3809440	equal		
pORF_-_3809461	3809461	3809697	237	-	5	8	37	41	47	2021	2044	2067	b3637 rpmB	3809461	3809697	equal		
pORF_-_3813150	3813150	3813806	657	-	4	6	8	13	16	6	26	42	b3642 pyrE	3813150	3813791	inside		
pORF_-_3813886	3813886	3814596	711	-	5	4	6	6	6	4	4	4	b3643 rph	3813886	3814572	inside		
pORF_-_3820939	3820939	3822828	1890	-	5	0	1	1	1	2	2	2					FP	
pORF_-_3825483	3825483	3826688	1206	-	4	0	0	1	1	0	4	4	b3653 gltS	3825483	3826688	equal		
pORF_-_3835828	3835828	3835914	87	-	5	0	1	1	1	3	3	3					FP	
pORF_-_3837198	3837198	3838016	819	-	4	4	18	23	33	248	263	316	b3661 nlpA	3837198	3838016	equal		
pORF_-_3848159	3848159	3848749	591	-	6	0	3	5	6	11	15	17	b3669 uhpA	3848159	3848749	equal		
pORF_-_3848825	3848825	3849115	291	-	6	0	7	11	17	169	200	249	b3670 ilvN	3848825	3849115	equal		
pORF_-_3849119	3849119	3850807	1689	-	6	0	23	52	77	485	864	1164	b3671 ilvB	3849119	3850807	equal		
pORF_-_3856424	3856424	3858139	1716	-	6	0	2	2	2	5	5	5	b3679 yidK	3856424	3858139	equal		
pORF_-_3864492	3864492	3864959	468	-	4	9	9	19	19	0	72	72	b3686 ibpB	3864492	3864920	inside		
pORF_-_3865032	3865032	3865451	420	-	4	8	12	22	26	105	1011	1228	b3687 ibpA	3865032	3865445	inside		
pORF_-_3866085	3866085	3867335	1251	-	4	0	0	5	7	0	12	18	b3689 yidR	3866085	3867299	inside		
pORF_-_3869873	3869873	3871021	1149	-	6	0	0	0	1	0	0	3	b4478 dgoD	3869873	3871021	equal		
pORF_-_3871810	3871810	3871980	171	-	5	0	1	1	1	4	4	4					FP	
pORF_-_3872494	3872494	3873183	690	-	5	0	0	1	2	0	16	34	b4479 dgoR	3872494	3873183	equal		
pORF_-_3874163	3874163	3874975	813	-	6	5	14	21	23	109	125	131	b3697 yidA	3874163	3874975	equal		
pORF_-_3874519	3874519	3874740	222	-	5	0	1	1	1	3	3	3					FP	
pORF_-_3875090	3875090	3875497	408	-	6	0	0	2	4	0	7	18	b3698 yidB	3875090	3875488	inside		
pORF_-_3875728	3875728	3878145	2418	-	5	19	48	78	105	524	718	907	b3699 gyrB	3875728	3878142	inside		
pORF_-_3878171	3878171	3879244	1074	-	6	0	0	1	1	0	2	2	b3700 recF	3878171	3879244	equal		
pORF_-_3879244	3879244	3880344	1101	-	5	6	15	26	34	23	59	87	b3701 dnaN	3879244	3880344	equal		
pORF_-_3880349	3880349	3881764	1416	-	6	0	4	10	12	12	29	35	b3702 dnaA	3880349	3881752	inside		

pORF_-_3994402	3994402	3994590	189	-	5	0	1	1	1	15	15	15					FP
pORF_-_3994547	3994547	3995029	483	-	6	0	1	1	1	2	2	2					FP
pORF_-_3995649	3995649	3996311	663	-	4	0	1	1	1	3	3	3					FP
pORF_-_3997561	3997561	3997623	63	-	5	0	0	1	1	0	2	2					FP
pORF_-_4002253	4002253	4002738	486	-	5	0	1	3	5	79	100	110	b3820	yigI	4002253	4002720	inside
pORF_-_4004598	4004598	4005020	423	-	4	1	1	1	1	0	0	0					FP
pORF_-_4008280	4008280	4008612	333	-	5	0	1	1	1	2	2	2					FP
pORF_-_4008537	4008537	4008740	204	-	4	0	1	1	1	3	3	3					FP
pORF_-_4009886	4009886	4010839	954	-	6	0	1	7	7	2	24	24	b3828	metR	4009886	4010839	equal
pORF_-_4013377	4013377	4014258	882	-	5	0	6	11	18	60	91	125	b3830	ysgA	4013377	4014192	inside
pORF_-_4022356	4022356	4022844	489	-	5	0	0	2	5	0	10	23	b3842	rfaH	4022356	4022844	equal
pORF_-_4025632	4025632	4026795	1164	-	5	0	3	3	13	10	10	53	b3845	fadA	4025632	4026795	equal
pORF_-_4026805	4026805	4029120	2316	-	5	0	4	8	28	8	18	93	b3846	fadB	4026805	4028994	inside
pORF_-_4027149	4027149	4027403	255	-	4	0	1	1	1	2	2	2					FP
pORF_-_4039438	4039438	4040022	585	-	5	0	0	2	5	0	8	18	b3857	mobA	4039438	4040022	equal
pORF_-_4043693	4043693	4044649	957	-	6	0	1	1	1	2	2	2	b3862	yihG	4043693	4044625	inside
pORF_-_4045223	4045223	4045702	480	-	6	0	1	1	1	2	2	2					FP
pORF_-_4048156	4048156	4048788	633	-	5	5	17	22	27	205	227	248	b3865	yihA	4048156	4048788	equal
pORF_-_4051892	4051892	4053361	1470	-	6	0	2	6	9	5	17	30	b3868	glnG	4051892	4053301	inside
pORF_-_4053313	4053313	4054362	1050	-	5	1	1	3	4	0	5	8	b3869	glnL	4053313	4054362	equal
pORF_-_4054648	4054648	4056057	1410	-	5	24	71	112	151	2522	3622	4840	b3870	glnA	4054648	4056057	equal
pORF_-_4058481	4058481	4058645	165	-	4	0	1	1	1	3	3	3					FP
pORF_-_4065263	4065263	4067299	2037	-	6	0	1	1	1	90	90	90	b3878	yihQ	4065263	4067299	equal
pORF_-_4072456	4072456	4072647	192	-	5	0	0	1	1	0	4	4					FP
pORF_-_4073780	4073780	4074022	243	-	6	0	1	1	1	2	2	2					FP
pORF_-_4078322	4078322	4079251	930	-	6	3	8	10	10	128	143	143	b3891	fdhE	4078322	4079251	equal
pORF_-_4079248	4079248	4079883	636	-	5	1	1	1	1	0	0	0	b3892	fdoI	4079248	4079883	equal
pORF_-_4079880	4079880	4080782	903	-	4	3	4	5	6	2	7	9	b3893	fdoH	4079880	4080782	equal
pORF_-_4080795	4080795	4083209	2415	-	4	18	20	21	23	5	8	12	b3894	fdoG	4080795	4083845	contain
pORF_-_4083258	4083258	4083845	588	-	4	4	4	5	6	0	2	4					
pORF_-_4097514	4097514	4098548	1035	-	4	0	2	2	2	23	23	23	b3907	rhaT	4097514	4098548	equal
pORF_-_4100087	4100087	4100653	567	-	6	0	1	1	1	4	4	4					FP
pORF_-_4101625	4101625	4102998	1374	-	5	0	0	3	4	0	12	14	b3911	cpxA	4101625	4102998	equal
pORF_-_4102995	4102995	4103693	699	-	4	6	11	20	27	59	108	148	b3912	cpXR	4102995	4103693	equal
pORF_-_4108238	4108238	4108570	333	-	6	0	1	1	1	2	2	2					FP
pORF_-_4108763	4108763	4109530	768	-	6	12	42	61	77	1706	2079	2452	b3919	tpiA	4108763	4109530	equal
pORF_-_4111749	4111749	4112495	747	-	4	2	3	7	11	5	17	27	b3924	fpr	4111749	4112495	equal
pORF_-_4112592	4112592	4113731	1140	-	4	0	5	9	11	18	28	35	b3925	glpX	4112592	4113602	inside
pORF_-_4113737	4113737	4115350	1614	-	6	22	78	92	111	1945	1981	2078	b3926	glpK	4113737	4115245	inside
pORF_-_4116868	4116868	4117353	486	-	5	3	11	19	27	55	129	205	b3929	rraA	4116868	4117353	equal
pORF_-_4118439	4118439	4119770	1332	-	4	14	50	73	99	996	1114	1260	b3931	hslU	4118439	4119770	equal
pORF_-_4119780	4119780	4120310	531	-	4	2	13	14	15	434	444	460	b3932	hslV	4119780	4120310	equal
pORF_-_4120403	4120403	4121362	960	-	6	0	5	10	16	228	241	260	b3933	ftsN	4120403	4121362	equal
pORF_-_4121454	4121454	4122485	1032	-	4	0	0	0	1	0	0	2	b3934	cytR	4121454	4122479	inside
pORF_-_4122635	4122635	4124905	2271	-	6	0	1	2	3	2	4	6	b3935	priA	4122635	4124833	inside
pORF_-_4126101	4126101	4126556	456	-	4	1	9	15	22	90	132	198	b3938	metJ	4126101	4126418	inside

pORF_-_4132838	4132838	4133086	249	-	6	0	1	1	1	6	6	6								FP
pORF_-_4135063	4135063	4135680	618	-	5	0	0	1	2	0	3	5	b3944	yijF	4135063	4135680	equal			
pORF_-_4135955	4135955	4137097	1143	-	6	0	1	4	9	27	41	59	b3945	gldA	4135955	4137058	inside			
pORF_-_4137069	4137069	4137731	663	-	4	0	1	3	4	2	7	11	b3946	fsaB	4137069	4137731	equal			
pORF_-_4137743	4137743	4140244	2502	-	6	3	4	4	4	2	2	2	b3947	ptsA	4137743	4140244	equal			
pORF_-_4140610	4140610	4140930	321	-	5	0	1	1	1	4	4	4								FP
pORF_-_4143546	4143546	4143701	156	-	4	0	1	1	1	3	3	3								FP
pORF_-_4146555	4146555	4148288	1734	-	4	1	3	11	17	15	41	66	b3955	yijP	4146555	4148288	equal			
pORF_-_4148470	4148470	4151121	2652	-	5	34	87	145	200	1585	2290	2941	b3956	ppc	4148470	4151121	equal			
pORF_-_4151719	4151719	4152909	1191	-	5	0	12	26	37	273	360	446	b3957	argE	4151719	4152870	inside			
pORF_-_4157413	4157413	4158813	1401	-	5	4	11	23	33	34	72	107	b3962	sthA	4157413	4158813	equal			
pORF_-_4160193	4160193	4161293	1101	-	4	1	4	13	21	6	36	64	b3965	trmA	4160193	4161293	equal			
pORF_-_4172099	4172099	4173205	1107	-	6	0	2	6	11	53	66	92	b3974	coaA	4172099	4173049	inside			
pORF_-_4173417	4173417	4173590	174	-	4	0	0	1	1	0	15	15								FP
pORF_-_4183327	4183327	4183506	180	-	5	0	0	0	1	0	0	3								FP
pORF_-_4188758	4188758	4189891	1134	-	6	0	1	4	4	3	10	10	b3990	thiH	4188758	4189891	equal			
pORF_-_4189888	4189888	4190916	1029	-	5	10	26	37	39	415	463	470	b3991	thiG	4189888	4190658	inside			
pORF_-_4190660	4190660	4190887	228	-	6	0	0	1	1	0	3	3	b4407	thiS	4190660	4190860	inside			
pORF_-_4190844	4190844	4191692	849	-	4	4	13	19	20	274	315	319	b3992	thiF	4190844	4191599	inside			
pORF_-_4191592	4191592	4192230	639	-	5	3	20	25	26	593	619	621	b3993	thiE	4191592	4192227	inside			
pORF_-_4192227	4192227	4194122	1896	-	4	21	51	71	82	652	819	860	b3994	thiC	4192227	4194122	equal			
pORF_-_4194355	4194355	4194831	477	-	5	0	2	3	5	69	81	88	b3995	rsd	4194355	4194831	equal			
pORF_-_4196811	4196811	4197266	456	-	4	0	1	1	2	11	11	26								FP
pORF_-_4199231	4199231	4199320	90	-	6	0	2	2	2	6	6	6								FP
pORF_-_4202665	4202665	4203954	1290	-	5	8	31	48	63	562	664	757	b4005	purD	4202665	4203954	equal			
pORF_-_4203966	4203966	4205555	1590	-	4	21	80	109	139	2744	2934	3112	b4006	purH	4203966	4205555	equal			
pORF_-_4220827	4220827	4221690	864	-	5	3	3	3	3	0	0	0	b4018	icIR	4220827	4221651	inside			
pORF_-_4223275	4223275	4223460	186	-	5	0	1	1	1	7	7	7								FP
pORF_-_4227476	4227476	4228165	690	-	6	0	4	6	10	24	31	40	b4021	pepE	4227476	4228165	equal			
pORF_-_4229382	4229382	4229654	273	-	4	0	0	1	2	0	2	4	b4023	pagB	4229382	4229654	equal			
pORF_-_4229907	4229907	4231256	1350	-	4	2	33	55	74	418	586	720	b4024	lysC	4229907	4231256	equal			
pORF_-_4238802	4238802	4240277	1476	-	4	0	1	1	1	32	32	32	b4031	xylE	4238802	4240277	equal			
pORF_-_4243252	4243252	4244442	1191	-	5	16	30	34	59	330	348	521	b4034	malE	4243252	4244442	equal			
pORF_-_4252066	4252066	4254549	2484	-	5	3	10	27	41	28	123	185	b4041	plsB	4252066	4254489	inside			
pORF_-_4255447	4255447	4255749	303	-	5	0	1	1	1	2	2	2								FP
pORF_-_4257511	4257511	4258086	576	-	5	0	1	2	2	4	7	7	b4046	zur	4257511	4258026	inside			
pORF_-_4261271	4261271	4262362	1092	-	6	2	11	22	34	68	115	196	b4051	qor	4261271	4262254	inside			
pORF_-_4268369	4268369	4268530	162	-	6	0	1	1	1	2	2	2								FP
pORF_-_4269072	4269072	4271894	2823	-	4	15	21	33	35	24	59	64	b4058	uvrA	4269072	4271894	equal			
pORF_-_4273812	4273812	4274012	201	-	4	0	1	2	3	3	22	41								FP
pORF_-_4276598	4276598	4276930	333	-	6	0	0	1	1	0	2	2								FP
pORF_-_4276915	4276915	4277517	603	-	5	0	0	0	1	0	0	2								FP
pORF_-_4279283	4279283	4279435	153	-	6	0	0	1	1	0	6	6								FP
pORF_-_4281276	4281276	4282925	1650	-	4	0	2	2	3	11	11	14	b4067	actP	4281276	4282925	equal			
pORF_-_4282922	4282922	4283239	318	-	6	0	0	0	1	0	0	4	b4068	yjCH	4282922	4283236	inside			
pORF_-_4283436	4283436	4285394	1959	-	4	2	35	53	96	409	483	955	b4069	acs	4283436	4285394	equal			

pORF_-_4294459	4294459	4295148	690	-	5	0	1	1	1	3	3	3	b4078	yjcO	4294459	4295148	equal	
pORF_-_4301101	4301101	4302132	1032	-	5	0	1	1	1	2	2	2	b4082	mdtN	4301101	4302132	equal	
pORF_-_4302635	4302635	4304632	1998	-	6	0	1	1	1	28	28	28	b4083	yjcS	4302635	4304620	inside	
pORF_-_4306512	4306512	4307492	981	-	4	0	1	1	1	2	2	2	b4086	alsC	4306512	4307492	equal	
pORF_-_4307471	4307471	4309003	1533	-	6	1	2	2	2	2	2	2	b4087	alsA	4307471	4309003	equal	
pORF_-_4309130	4309130	4310065	936	-	6	0	2	2	2	5	5	5	b4088	alsB	4309130	4310065	equal	
pORF_-_4310124	4310124	4311047	924	-	4	0	0	1	3	0	3	8	b4089	rpiR	4310124	4311014	inside	
pORF_-_4315238	4315238	4316032	795	-	6	1	1	1	1	0	0	0	b4096	phnL	4315238	4315918	inside	
pORF_-_4316029	4316029	4316817	789	-	5	1	1	1	1	0	0	0	b4097	phnK	4316029	4316787	inside	
pORF_-_4322400	4322400	4323188	789	-	4	2	2	2	2	0	0	0	b4106	phnC	4322400	4323188	equal	
pORF_-_4323321	4323321	4323764	444	-	4	0	1	1	4	3	3	11	b4107	yjdN	4323321	4323764	equal	
pORF_-_4324422	4324422	4324904	483	-	4	3	4	6	8	3	22	43	b4108	yjdM	4324422	4324757	inside	
pORF_-_4331305	4331305	4331973	669	-	5	0	0	0	2	0	0	4	b4113	basR	4331305	4331973	equal	
pORF_-_4336277	4336277	4338547	2271	-	6	0	1	1	1	8	8	8	b4117	adiA	4336277	4338547	equal	
pORF_-_4336786	4336786	4336929	144	-	5	0	1	1	1	2	2	2						FP
pORF_-_4343703	4343703	4345349	1647	-	4	7	13	37	49	346	486	524	b4122	fumB	4343703	4345349	equal	
pORF_-_4345427	4345427	4346767	1341	-	6	0	1	1	1	8	8	8	b4123	dcuB	4345427	4346767	equal	
pORF_-_4347338	4347338	4348057	720	-	6	0	0	0	1	0	0	3	b4124	dcuR	4347338	4348057	equal	
pORF_-_4351223	4351223	4352767	1545	-	6	37	49	75	92	290	461	606	b4129	lysU	4351223	4352740	inside	
pORF_-_4352302	4352302	4352472	171	-	5	0	0	1	1	0	3	3						FP
pORF_-_4353524	4353524	4353802	279	-	6	0	0	0	1	0	0	2						FP
pORF_-_4354493	4354493	4356679	2187	-	6	0	1	1	1	2	2	2	b4131	cadA	4354493	4356640	inside	
pORF_-_4360756	4360756	4361355	600	-	5	0	3	9	16	31	51	86	b4135	yjdC	4360756	4361331	inside	
pORF_-_4361368	4361368	4363146	1779	-	5	0	0	1	2	0	3	7	b4136	dipZ	4361368	4363065	inside	
pORF_-_4363041	4363041	4363385	345	-	4	0	0	3	4	0	11	13	b4137	cutA	4363041	4363379	inside	
pORF_-_4363495	4363495	4364796	1302	-	5	0	1	2	3	2	6	8	b4138	dcuA	4363495	4364796	equal	
pORF_-_4364914	4364914	4366395	1482	-	5	10	18	20	27	89	95	121	b4139	aspA	4364914	4366350	inside	
pORF_-_4375212	4375212	4375745	534	-	4	0	0	2	5	0	4	17	b4149	bhc	4375212	4375745	equal	
pORF_-_4375834	4375834	4377162	1329	-	5	2	2	6	9	0	11	25	b4150	ampC	4375834	4376967	inside	
pORF_-_4377806	4377806	4378597	792	-	6	0	5	10	13	107	124	135	b4153	frdB	4377806	4378540	inside	
pORF_-_4378533	4378533	4380341	1809	-	4	3	12	18	26	70	87	116	b4154	frdA	4378533	4380341	equal	
pORF_-_4384070	4384070	4387393	3324	-	6	0	0	3	5	0	8	15	b4159	yjeP	4384070	4387393	equal	
pORF_-_4387384	4387384	4387581	198	-	5	0	1	1	1	33	33	33						FP
pORF_-_4387415	4387415	4388383	969	-	6	4	8	16	22	18	41	66	b4160	psd	4387415	4388383	equal	
pORF_-_4388480	4388480	4389565	1086	-	6	2	8	17	21	19	44	62	b4161	rsgA	4388480	4389532	inside	
pORF_-_4392877	4392877	4393176	300	-	5	0	0	0	1	0	0	3						FP
pORF_-_4394373	4394373	4394687	315	-	4	0	1	1	2	4	4	10						FP
pORF_-_4394805	4394805	4394993	189	-	4	0	1	1	1	4	4	4						FP
pORF_-_4397801	4397801	4398064	264	-	6	0	0	0	1	0	0	2						FP
pORF_-_4408752	4408752	4408886	135	-	4	0	1	1	1	2	2	2						FP
pORF_-_4414464	4414464	4414892	429	-	4	0	0	0	1	0	0	3	b4189	yjfO	4414464	4414793	inside	
pORF_-_4415208	4415208	4415384	177	-	4	0	1	1	1	2	2	2						FP
pORF_-_4415721	4415721	4416476	756	-	4	0	0	1	2	0	3	7	b4191	ulaR	4415721	4416476	equal	
pORF_-_4420215	4420215	4420946	732	-	4	0	1	1	1	2	2	2						FP
pORF_-_4422539	4422539	4422883	345	-	6	0	0	0	1	0	0	2	b4199	yjfY	4422539	4422814	inside	
pORF_-_4424651	4424651	4425445	795	-	6	0	0	1	2	0	2	6	b4204	yjfZ	4424651	4425445	equal	

pORF_-_4426102	4426102	4426776	675	-	5	0	0	1	2	0	2	6	b4206	ytfB	4426102	4426740	inside	
pORF_-_4428447	4428447	4428656	210	-	4	0	1	1	1	2	2	2					equal	FP
pORF_-_4431187	4431187	4432047	861	-	5	3	9	16	19	25	46	58	b4211	ytfG	4431187	4432047	equal	
pORF_-_4432270	4432270	4432590	321	-	5	0	0	1	1	0	3	3					inside	FP
pORF_-_4432645	4432645	4434597	1953	-	5	5	15	23	40	93	111	162	b4213	cpdB	4432645	4434588	inside	
pORF_-_4436731	4436731	4437285	555	-	5	0	1	1	2	2	2	5	b4216	ytfJ	4436731	4437285	equal	
pORF_-_4437895	4437895	4439238	1344	-	5	0	1	1	1	3	3	3	b4218	ytfL	4437895	4439238	equal	
pORF_-_4439561	4439561	4440265	705	-	6	0	4	7	13	24	35	68	b4219	msrA	4439561	4440199	inside	
pORF_-_4440410	4440410	4440598	189	-	6	0	1	1	1	2	2	2					inside	FP
pORF_-_4442056	4442056	4442310	255	-	5	0	0	1	1	0	3	3					equal	FP
pORF_-_4444519	4444519	4444740	222	-	5	0	1	1	1	4	4	4					inside	FP
pORF_-_4447145	4447145	4447675	531	-	6	13	44	59	71	1862	1980	2076	b4226	ppa	4447145	4447675	equal	
pORF_-_4452634	4452634	4453695	1062	-	5	6	22	33	42	362	402	431	b4232	fbp	4452634	4453632	inside	
pORF_-_4455337	4455337	4455888	552	-	5	6	7	10	13	44	56	70	b4234	yjgA	4455337	4455888	equal	
pORF_-_4458545	4458545	4460683	2139	-	6	0	1	2	7	2	7	20	b4238	nrdD	4458545	4460683	equal	
pORF_-_4461077	4461077	4462879	1803	-	6	5	5	5	5	0	0	0	b4239	treC	4461077	4462732	inside	
pORF_-_4462782	4462782	4464203	1422	-	4	2	2	2	2	0	0	0	b4240	treB	4462782	4464203	equal	
pORF_-_4464322	4464322	4465269	948	-	5	0	0	1	2	0	2	4	b4241	treR	4464322	4465269	equal	
pORF_-_4468550	4468550	4469008	459	-	6	2	26	34	42	1340	1476	1609	b4243	yjgF	4468550	4468936	inside	
pORF_-_4469009	4469009	4469470	462	-	6	3	39	53	64	1479	1588	1678	b4244	pyrI	4469009	4469470	equal	
pORF_-_4469483	4469483	4470418	936	-	6	14	84	111	136	3598	4101	4514	b4245	pyrB	4469483	4470418	equal	
pORF_-_4475330	4475330	4476334	1005	-	6	0	28	46	61	1305	1462	1558	b4254	argI	4475330	4476334	equal	
pORF_-_4477057	4477057	4477560	504	-	5	0	2	3	5	8	10	15	b4256	yjgM	4477057	4477560	equal	
pORF_-_4479005	4479005	4481860	2856	-	6	37	83	129	170	889	1155	1454	b4258	valS	4479005	4481860	equal	
pORF_-_4481860	4481860	4482303	444	-	5	0	1	1	3	45	45	49	b4259	holC	4481860	4482303	equal	
pORF_-_4482463	4482463	4483974	1512	-	5	11	25	44	58	241	360	482	b4260	pepA	4482463	4483974	equal	
pORF_-_4485478	4485478	4485672	195	-	5	1	1	1	1	0	0	0					inside	FP
pORF_-_4486584	4486584	4488086	1503	-	4	0	9	14	26	48	62	97	b4263	yjgR	4486584	4488086	equal	
pORF_-_4488164	4488164	4489192	1029	-	6	0	1	1	1	4	4	4	b4264	idnR	4488164	4489162	inside	
pORF_-_4490610	4490610	4491374	765	-	4	1	1	1	1	0	0	0	b4266	idnO	4490610	4491374	equal	
pORF_-_4493213	4493213	4494274	1062	-	6	0	0	1	1	0	2	2	b4269	yjgB	4493213	4494232	inside	
pORF_-_4509481	4509481	4510947	1467	-	5	0	1	2	5	2	4	10	b4288	fecD	4509481	4510437	inside	
pORF_-_4511429	4511429	4512337	909	-	6	3	3	3	4	0	0	2	b4290	fecB	4511429	4512331	inside	
pORF_-_4512376	4512376	4514700	2325	-	5	9	9	9	9	0	0	0	b4291	fecA	4512376	4514700	equal	
pORF_-_4517361	4517361	4518347	987	-	4	2	4	7	9	17	25	30	b4295	yjhU	4517361	4518347	equal	
pORF_-_4526134	4526134	4526940	807	-	5	0	0	0	2	0	0	9	b4303	sgcQ	4526134	4526940	equal	
pORF_-_4528278	4528278	4528556	279	-	4	0	0	0	2	0	0	6	b4565	sgcB	4528278	4528556	equal	
pORF_-_4528553	4528553	4529704	1152	-	6	0	0	0	2	0	0	8	b4305	sgcX	4528553	4529674	inside	
pORF_-_4535682	4535682	4536896	1215	-	4	0	0	2	5	0	4	11	b4310	nanM	4535682	4536788	inside	
pORF_-_4537227	4537227	4537439	213	-	4	0	1	1	1	2	2	2					inside	FP
pORF_-_4541059	4541059	4541214	156	-	5	0	1	1	1	11	11	11					equal	FP
pORF_-_4551296	4551296	4551502	207	-	6	0	0	1	2	0	9	18					inside	FP
pORF_-_4552406	4552406	4552612	207	-	6	0	0	1	2	0	6	12					inside	FP
pORF_-_4555401	4555401	4556312	912	-	4	0	0	0	1	0	0	2	b4327	yjiE	4555401	4556312	equal	
pORF_-_4556377	4556377	4557549	1173	-	5	8	16	21	28	120	135	152	b4328	iadA	4556377	4557549	equal	
pORF_-_4558020	4558020	4558715	696	-	4	0	1	1	1	2	2	2	b4330	yjiH	4558020	4558703	inside	

pORF_-_4559109	4559109	4559384	276	-	4	0	1	1	1	3	3	3						FP
pORF_-_4562722	4562722	4563894	1173	-	5	0	2	2	2	12	12	12	b4335	yjiM	4562722	4563873	inside	
pORF_-_4563989	4563989	4565269	1281	-	6	0	0	0	1	0	0	2	b4336	yjiN	4563989	4565269	equal	
pORF_-_4574935	4574935	4576011	1077	-	5	0	0	0	1	0	0	4	b4345	mcrC	4574935	4575981	inside	
pORF_-_4575981	4575981	4577378	1398	-	4	0	0	2	3	0	4	6	b4346	mcrB	4575981	4577360	inside	
pORF_-_4576928	4576928	4577104	177	-	6	0	0	1	1	0	2	2						FP
pORF_-_4578091	4578091	4579485	1395	-	5	0	3	9	16	12	30	51	b4348	hsdS	4578091	4579485	equal	
pORF_-_4579482	4579482	4581071	1590	-	4	10	17	30	41	27	75	112	b4349	hsdM	4579482	4581071	equal	
pORF_-_4581272	4581272	4584838	3567	-	6	3	4	14	19	7	31	52	b4350	hsdR	4581272	4584838	equal	
pORF_-_4585932	4585932	4586972	1041	-	4	2	6	10	14	38	56	75	b4352	yjiA	4585932	4586888	inside	
pORF_-_4587152	4587152	4589317	2166	-	6	4	4	4	4	0	0	0	b4354	yjiY	4587152	4589302	inside	
pORF_-_4592960	4592960	4593874	915	-	6	0	1	1	1	3	3	3	b4357	yjjM	4592960	4593874	equal	
pORF_-_4595173	4595173	4597464	2292	-	5	2	2	2	2	0	0	0	b4359	mdoB	4595173	4597464	equal	
pORF_-_4597718	4597718	4598215	498	-	6	2	3	5	5	8	14	14	b4360	yjjA	4597718	4598212	inside	
pORF_-_4598261	4598261	4598998	738	-	6	0	3	6	7	20	31	34	b4361	dnaC	4598261	4598998	equal	
pORF_-_4599001	4599001	4599552	552	-	5	0	1	2	3	3	6	8	b4362	dnaT	4599001	4599540	inside	
pORF_-_4602898	4602898	4603686	789	-	5	0	1	2	2	5	7	7	b4367	fhuF	4602898	4603686	equal	
pORF_-_4604692	4604692	4605723	1032	-	5	8	16	21	28	90	103	121	b4371	rsmC	4604692	4605723	equal	
pORF_-_4607733	4607733	4607966	234	-	4	0	1	1	1	2	2	2						FP
pORF_-_4609386	4609386	4610078	693	-	4	0	1	1	1	3	3	3						FP
pORF_-_4613538	4613538	4615088	1551	-	4	0	1	2	3	6	8	11	b4380	yjjI	4613538	4615088	equal	
pORF_-_4617902	4617902	4618714	813	-	6	0	1	1	1	3	3	3						FP
pORF_-_4619879	4619879	4620013	135	-	6	1	1	1	1	0	0	0						FP
pORF_-_4621124	4621124	4622140	1017	-	6	1	3	7	9	14	22	29	b4386	lplA	4621124	4622140	equal	
pORF_-_4622168	4622168	4622812	645	-	6	0	0	1	1	0	2	2	b4387	ytjB	4622168	4622812	equal	
pORF_-_4624540	4624540	4624779	240	-	5	0	1	1	1	2	2	2						FP
pORF_-_4626878	4626878	4628545	1668	-	6	18	80	114	146	1910	2098	2270	b4391	yjjK	4626878	4628545	equal	
pORF_-_4630993	4630993	4631145	153	-	5	0	0	1	2	0	12	24						FP
pORF_-_4631256	4631256	4631777	522	-	4	0	0	1	1	0	4	4	b4394	yjjX	4631256	4631768	inside	
pORF_-_4632464	4632464	4633333	870	-	6	2	5	10	16	89	108	135	b4396	rob	4632464	4633333	equal	
pORF_-_4637613	4637613	4638329	717	-	4	9	27	37	50	669	764	945	b4401	arcA	4637613	4638329	equal	

Supplementary Table 9. Boundary accuracy of pORFs. To examine boundary accuracy, pORFs were compared with ORFs whose translational boundaries have been validated by their N-termini sequences (from EcoGene). We identified 803 pORFs mapped to the validated ORFs (~89%), of which 499 pORFs represent the identical 5' and 3' boundaries (accuracy = ~62%). When we considered the translation start codon selected from the nearest peptide(s) found (npORF), 507 pORFs (accuracy = ~63%) were matched with the validated ORFs.

EG Number	Gene	Len	bnum	Strand	Left	Right	pORF	Decision	npORF	Left	Right	Decision
EG10998	thrA	820	b0002	FWD	337	2799	pORF+_337	equal	npORF+_337	337	2799	equal
EG11000	thrC	428	b0004	FWD	3734	5020	pORF+_3734	equal	npORF+_3734	3734	5020	equal
EG11556	talB	317	b0008	FWD	8238	9191	pORF+_8175	inside	npORF+_8175	8238	9191	equal
EG10241	dnaK	638	b0014	FWD	12163	14079	pORF+_12163	equal	npORF+_12163	12163	14079	equal
EG10240	dnaJ	376	b0015	FWD	14168	15298	pORF+_14138	inside	npORF+_14138	14168	15298	equal
EG10652	nhaA	388	b0019	FWD	17489	18655						
EG10492	ileS	938	b0026	FWD	22391	25207	pORF+_22391	equal	npORF+_22391	22391	25207	equal
EG10134	carA	382	b0032	FWD	29651	30799	pORF+_29624	inside	npORF+_29624	29651	30799	equal
EG10135	carB	1073	b0033	FWD	30817	34038	pORF+_30817	equal	npORF+_30817	30817	34038	equal
EG10326	folA	159	b0048	FWD	49823	50302	pORF+_49688	inside	npORF+_49688	49823	50302	equal
EG10054	araC	292	b0064	FWD	70387	71265	pORF+_70336	inside	npORF+_70336	70555	71265	inside
EG10500	ilvI	574	b0077	FWD	85630	87354	pORF+_85540	inside	npORF+_85540	85630	87354	equal
EG11085	mrwW	313	b0082	FWD	90094	91035	pORF+_89965	inside	npORF+_89965	90097	91035	inside
EG10621	murE	495	b0085	FWD	93166	94653	pORF+_93166	equal	npORF+_93166	93181	94653	inside
EG10622	murF	452	b0086	FWD	94650	96008	pORF+_94650	equal	npORF+_94650	94650	96008	equal
EG10620	murD	438	b0088	FWD	97087	98403	pORF+_97087	equal	npORF+_97087	97201	98403	inside
EG10623	murG	355	b0090	FWD	99644	100711	pORF+_99644	equal	npORF+_99644	99644	100711	equal
EG10619	murC	491	b0091	FWD	100765	102240	pORF+_100765	equal	npORF+_100765	100765	102240	equal
EG10214	ddlB	306	b0092	FWD	102233	103153	pORF+_102233	equal	npORF+_102233	102233	103153	equal
EG10347	ftsZ	383	b0095	FWD	105305	106456	pORF+_105305	equal	npORF+_105305	105305	106456	equal
EG10265	lpxC	305	b0096	FWD	106557	107474	pORF+_106557	equal	npORF+_106557	106557	107474	equal
EG10936	secA	901	b0098	FWD	108279	110984	pORF+_108279	equal	npORF+_108279	108339	110984	inside
EG10626	mutT	129	b0099	FWD	111044	111433						
EG10422	guaC	347	b0104	FWD	113444	114487	pORF+_113444	equal	npORF+_113444	113444	114487	equal
EG10024	aceE	887	b0114	FWD	123017	125680	pORF+_123017	equal	npORF+_123017	123017	125680	equal
EG10025	aceF	630	b0115	FWD	125695	127587	pORF+_125695	equal	npORF+_125695	125695	127587	equal
EG10543	lpd	474	b0116	FWD	127912	129336	pORF+_127879	inside	npORF+_127879	127912	129336	equal
EG12316	acnB	865	b0118	FWD	131615	134212	pORF+_131462	inside	npORF+_131462	131615	134212	equal
EG12318	cueO	516	b0123	FWD	137083	138633	pORF+_137044	inside	npORF+_137044	137137	138633	inside
EG10302	fhuA	747	b0150	FWD	167484	169727	pORF+_167484	equal	npORF+_167484	167562	169727	inside
EG10225	dgt	505	b0160	FWD	179237	180754	pORF+_179237	equal	npORF+_179237	180437	180754	inside
EG10463	degP	474	b0161	FWD	180884	182308	pORF+_180884	equal	npORF+_180884	180884	182308	equal
EG10901	rpsB	241	b0169	FWD	189874	190599	pORF+_189676	inside	npORF+_189676	189874	190599	equal
EG11033	tsf	283	b0170	FWD	190857	191708	pORF+_190857	equal	npORF+_190857	190857	191708	equal
EG11539	pyrH	241	b0171	FWD	191855	192580	pORF+_191855	equal	npORF+_191855	191855	192580	equal
EG10335	frr	185	b0172	FWD	192872	193429	pORF+_192872	equal	npORF+_192872	192827	193429	inside
EG13329	ispU	253	b0174	FWD	194903	195664	pORF+_194903	equal	npORF+_194903	194939	195664	inside
EG12676	bamA	810	b0177	FWD	197928	200360	pORF+_197928	equal	npORF+_197928	197943	200360	inside
EG10455	skp	161	b0178	FWD	200482	200967	pORF+_200482	equal	npORF+_200482	200482	200967	equal
EG10316	lpxD	341	b0179	FWD	200971	201996	pORF+_200971	equal	npORF+_200971	201094	201996	inside
EG11284	fabZ	151	b0180	FWD	202101	202556	pORF+_202008	inside	npORF+_202008	202101	202556	equal

EG10545	lpxA	262	b0181	FWD	202560	203348	pORF+_202560	equal	npORF+_202560	202599	203348	inside
EG10546	lpxB	382	b0182	FWD	203348	204496	pORF+_203348	equal	npORF+_203348	203861	204496	inside
EG10861	rnhB	198	b0183	FWD	204493	205089						
EG11647	accA	319	b0185	FWD	208621	209580	pORF+_208621	equal	npORF+_208621	208621	209580	equal
EG13219	ldcC	713	b0186	FWD	209679	211820	pORF+_209679	equal	npORF+_209679	210135	211820	inside
EG13547	ivy	157	b0220	FWD	240343	240816	pORF+_240343	equal	npORF+_240343	240421	240816	inside
EG11092	crl	133	b0240	FWD	257829	258230	pORF+_257829	equal	npORF+_257829	257862	258230	inside
EG10768	proB	367	b0242	FWD	259612	260715	pORF+_259525	inside	npORF+_259525	259612	260715	equal
EG10767	proA	417	b0243	FWD	260727	261980	pORF+_260727	equal	npORF+_260727	260727	261980	equal
EG11326	codA	427	b0337	FWD	355395	356678	pORF+_355380	inside	npORF+_355380	355395	356678	equal
EG10176	cynT	219	b0339	FWD	358023	358682						
EG10175	cynS	156	b0340	FWD	358713	359183						
EG20274	mhpB	314	b0348	FWD	369501	370445						
EG14274	mhpD	269	b0350	FWD	371339	372148						
EG13300	tauA	320	b0365	FWD	384456	385418	pORF+_384399	inside	npORF+_384399	384612	385418	inside
EG12423	tauD	283	b0368	FWD	387019	387870	pORF+_387019	equal	npORF+_387019	387151	387870	inside
EG10727	phoA	471	b0383	FWD	400971	402386	pORF+_400902	inside	npORF+_400902	401046	402386	inside
EG10082	aroL	174	b0388	FWD	405629	406153	pORF+_405629	equal	npORF+_405629	405629	406153	equal
EG10996	tgt	375	b0406	FWD	425361	426488	pORF+_425361	equal	npORF+_425361	425361	426488	equal
EG13613	yajQ	163	b0426	FWD	443907	444398	pORF+_443739	inside	npORF+_443739	443907	444398	equal
EG11003	tig	432	b0436	FWD	454357	455655	pORF+_454357	equal	npORF+_454357	454357	455655	equal
EG10158	clpP	207	b0437	FWD	455901	456524	pORF+_455901	equal	npORF+_455901	455940	456524	inside
EG10159	clpX	424	b0438	FWD	456650	457924	pORF+_456650	equal	npORF+_456650	456683	457924	inside
EG10542	lon	784	b0439	FWD	458112	460466	pORF+_458067	inside	npORF+_458067	458112	460466	equal
EG10467	hupB	90	b0440	FWD	460675	460947	pORF+_460675	equal	npORF+_460675	460675	460947	equal
EG11821	amtB	428	b0451	FWD	472190	473476						
EG10051	apt	183	b0469	FWD	490636	491187	pORF+_490582	inside	npORF+_490582	490636	491187	equal
EG10245	dnaX	643	b0470	FWD	491316	493247	pORF+_491316	equal	npORF+_491316	491538	493247	inside
EG10461	htpG	624	b0473	FWD	494344	496218	pORF+_494344	equal	npORF+_494344	494344	496218	equal
EG10032	adk	214	b0474	FWD	496399	497043	pORF+_496339	inside	npORF+_496339	496399	497043	equal
EG10431	hemH	320	b0475	FWD	497279	498241	pORF+_497279	equal	npORF+_497279	497648	498241	inside
EG11102	gsk	434	b0477	FWD	499349	500653	pORF+_499349	equal	npORF+_499349	499496	500653	inside
EG11060	ushA	550	b0480	FWD	504138	505790	pORF+_504138	equal	npORF+_504138	504159	505790	inside
EG11583	gcl	593	b0507	FWD	533140	534921	pORF+_533050	inside	npORF+_533050	533248	534921	inside
EG10196	cysS	461	b0526	FWD	553834	555219	pORF+_553834	equal	npORF+_553834	553834	555219	equal
EG13628	ybcL	183	b0545	FWD	570116	570667						
EG20283	rusA	120	b0550	FWD	572594	572956						
EG14234	cusF	110	b0573	FWD	596354	596686	pORF+_596354	equal	npORF+_596354	596378	596686	inside
EG10299	fes	374	b0585	FWD	612038	613162	pORF+_611960	inside	npORF+_611960	613004	613162	inside
EG10264	entF	1293	b0586	FWD	613380	617261	pORF+_613242	inside	npORF+_613242	613464	617261	inside
EG10261	entC	391	b0593	FWD	624108	625283	pORF+_624096	inside	npORF+_624096	624108	625283	equal
EG10259	entA	248	b0596	FWD	627774	628520	pORF+_627744	inside	npORF+_627744	627774	628520	equal
EG11384	ahpC	187	b0605	FWD	638168	638731	pORF+_638168	equal	npORF+_638168	638174	638731	inside
EG12180	pagP	186	b0622	FWD	655780	656340						
EG12179	cspE	69	b0623	FWD	656515	656724	pORF+_656485	inside	npORF+_656485	656515	656724	equal
EG10390	glnS	554	b0680	FWD	705316	706980	pORF+_705316	equal	npORF+_705316	705316	706980	equal

EG12197	seqA	181	b0687	FWD	712210	712755	pORF+_712075	inside	npORF+_712075	712210	712755	equal
EG10736	phr	472	b0708	FWD	738730	740148						
EG13237	nei	263	b0714	FWD	745158	745949	pORF+_745158	equal	npORF+_745158	745386	745949	inside
EG10931	sdhA	588	b0723	FWD	755130	756896	pORF+_755118	inside	npORF+_755118	755130	756896	equal
EG10932	sdhB	238	b0724	FWD	756912	757628	pORF+_756912	equal	npORF+_756912	756912	757628	equal
EG10980	sucB	405	b0727	FWD	760745	761962	pORF+_760745	equal	npORF+_760745	760745	761962	equal
EG10981	sucC	388	b0728	FWD	762237	763403	pORF+_762237	equal	npORF+_762237	762237	763403	equal
EG10982	sucD	289	b0729	FWD	763403	764272	pORF+_763403	equal	npORF+_763403	763403	764272	equal
EG10173	cydA	522	b0733	FWD	770681	772249	pORF+_770678	inside	npORF+_770678	771176	772249	inside
EG11010	tolQ	230	b0737	FWD	774376	775068	pORF+_774376	equal	npORF+_774376	774445	775068	inside
EG11008	tolB	430	b0740	FWD	776963	778255	pORF+_776960	inside	npORF+_776960	776963	778255	equal
EG10079	aroG	350	b0754	FWD	784856	785908	pORF+_784856	equal	npORF+_784856	784856	785908	equal
EG12427	modA	257	b0763	FWD	794312	795085	pORF+_794312	equal	npORF+_794312	794333	795085	inside
EG10118	bioB	346	b0775	FWD	808567	809607	pORF+_808567	equal	npORF+_808567	808567	809607	equal
EG10120	bioD	225	b0778	FWD	811493	812170	pORF+_811487	inside	npORF+_811487	811493	812170	equal
EG11062	uvrB	673	b0779	FWD	812749	814770	pORF+_812749	equal	npORF+_812749	812749	814770	equal
EG11595	moaA	329	b0781	FWD	816267	817256	pORF+_816186	inside	npORF+_816186	816591	817256	inside
EG11596	moaB	170	b0782	FWD	817278	817790	pORF+_817278	equal	npORF+_817278	817278	817790	equal
EG11666	moaC	161	b0783	FWD	817793	818278	pORF+_817793	equal	npORF+_817793	817793	818278	equal
EG11597	moaD	81	b0784	FWD	818271	818516	pORF+_818208	inside	npORF+_818208	818298	818516	inside
EG11598	moaE	150	b0785	FWD	818518	818970	pORF+_818518	equal	npORF+_818518	818518	818970	equal
EG12135	ompX	171	b0814	FWD	849673	850188	pORF+_849667	inside	npORF+_849667	849673	850188	equal
EG13471	fsaA	220	b0825	FWD	862865	863527	pORF+_862793	inside	npORF+_862793	862901	863527	inside
EG10203	dacC	400	b0839	FWD	879950	881152	pORF+_879929	inside	npORF+_879929	879950	881152	equal
EG11629	potF	370	b0854	FWD	893007	894119	pORF+_892857	inside	npORF+_892857	893058	894119	inside
EG13694	macA	371	b0878	FWD	918458	919573	pORF+_918431	inside	npORF+_918431	918686	919573	inside
EG10156	clpA	758	b0882	FWD	922487	924763	pORF+_922472	inside	npORF+_922472	922520	924763	inside
EG10547	lrp	164	b0889	FWD	931818	932312	pORF+_931764	inside	npORF+_931764	931818	932312	equal
EG12684	lolA	203	b0891	FWD	936595	937206	pORF+_936592	inside	npORF+_936592	936595	937206	equal
EG10232	dmsA	814	b0894	FWD	940182	942626	pORF+_940182	equal	npORF+_940182	940551	942626	inside
EG10233	dmsB	205	b0895	FWD	942637	943254	pORF+_942637	equal	npORF+_942637	942637	943254	equal
EG10946	serC	362	b0907	FWD	956876	957964	pORF+_956876	equal	npORF+_956876	956876	957964	equal
EG10073	aroA	427	b0908	FWD	958035	959318	pORF+_958035	equal	npORF+_958035	958035	959318	equal
EG10900	rpsA	557	b0911	FWD	961218	962891	pORF+_961218	equal	npORF+_961218	961218	962891	equal
EG10441	ihfB	94	b0912	FWD	963051	963335	pORF+_963051	equal	npORF+_963051	963051	963335	equal
EG10519	kdsB	248	b0918	FWD	970075	970821	pORF+_970075	equal	npORF+_970075	970075	970821	equal
EG10618	mukB	1486	b0924	FWD	975549	980009	pORF+_975549	equal	npORF+_975549	975549	980009	equal
EG10696	pepN	870	b0932	FWD	989845	992457	pORF+_989845	equal	npORF+_989845	989845	992457	equal
EG10807	pyrD	336	b0945	FWD	1003991	1005001	pORF+_1003964	inside	npORF+_1003964	1003991	1005001	equal
EG50004	rmf	55	b0953	FWD	1014938	1015105	pORF+_1014938	equal	npORF+_1014938	1014938	1015105	equal
EG10426	helD	684	b0962	FWD	1023694	1025748	pORF+_1023601	inside	npORF+_1023601	1024204	1025748	inside
EG13723	ycuU	137	b0965	FWD	1027169	1027582	pORF+_1027088	inside	npORF+_1027088	1027169	1027582	equal
EG10468	hyaA	372	b0972	FWD	1031362	1032480	pORF+_1031335	inside	npORF+_1031335	1032382	1032480	inside
EG10469	hyaB	597	b0973	FWD	1032477	1034270	pORF+_1032477	equal	npORF+_1032477	1033704	1034270	inside
EG10049	appA	432	b0980	FWD	1039840	1041138	pORF+_1039810	inside	npORF+_1039810	1039960	1041138	inside
EG12616	torT	342	b0994	FWD	1055484	1056512						

EG11814	torA	848	b0997	FWD	1058479	1061025	pORF+_1058479	equal	npORF+_1058479	1060561	1061025	inside
EG10033	agp	413	b1002	FWD	1064808	1066049	pORF+_1064784	inside	npORF+_1064784	1064835	1066049	inside
EG10802	putP	502	b1015	FWD	1078528	1080036	pORF+_1078528	equal	npORF+_1078528	1078900	1080036	inside
EG11734	phoH	354	b1020	FWD	1084215	1085279	pORF+_1084215	equal	npORF+_1084215	1084683	1085279	inside
EG13869	ghrA	312	b1033	FWD	1097109	1098047	pORF+_1097070	inside	npORF+_1097070	1097109	1098047	equal
EG11489	csgA	151	b1042	FWD	1103670	1104125						
EG11885	opgG	511	b1048	FWD	1108558	1110093	pORF+_1108540	inside	npORF+_1108540	1108591	1110093	inside
EG10890	rpmF	57	b1089	FWD	1146590	1146763	pORF+_1146590	equal	npORF+_1146590	1146590	1146763	equal
EG10277	fabH	317	b1091	FWD	1147982	1148935	pORF+_1147982	equal	npORF+_1147982	1147982	1148935	equal
EG11317	fabD	309	b1092	FWD	1148951	1149880	pORF+_1148951	equal	npORF+_1148951	1149014	1149880	inside
EG50003	acpP	78	b1094	FWD	1150838	1151074	pORF+_1150838	equal	npORF+_1150838	1150838	1151074	equal
EG12606	fabF	413	b1095	FWD	1151162	1152403	pORF+_1151162	equal	npORF+_1151162	1151162	1152403	equal
EG11493	pabC	269	b1096	FWD	1152523	1153332						
EG11500	holB	334	b1099	FWD	1154985	1155989	pORF+_1154985	equal	npORF+_1154985	1155186	1155989	inside
EG10787	ptsG	477	b1101	FWD	1157092	1158525	pORF+_1157092	equal	npORF+_1157092	1157092	1158525	equal
EG10649	ndh	434	b1109	FWD	1165308	1166612	pORF+_1165281	inside	npORF+_1165281	1165320	1166612	inside
EG13439	lolC	399	b1116	FWD	1174650	1175849						
EG13440	lolD	233	b1117	FWD	1175842	1176543	pORF+_1175701	inside	npORF+_1175701	1175953	1176543	inside
EG13441	lolE	414	b1118	FWD	1176543	1177787	pORF+_1176543	equal	npORF+_1176543	1176885	1177787	inside
EG13442	nagK	303	b1119	FWD	1177816	1178727	pORF+_1177756	inside	npORF+_1177756	1178323	1178727	inside
EG10489	icd	416	b1136	FWD	1194346	1195596	pORF+_1194346	equal	npORF+_1194346	1194346	1195596	equal
EG10281	fadR	239	b1187	FWD	1234161	1234880	pORF+_1234137	inside	npORF+_1234137	1234251	1234880	inside
EG10518	kdsA	284	b1215	FWD	1267388	1268242	pORF+_1267388	equal	npORF+_1267388	1267388	1268242	equal
EG10638	narG	1247	b1224	FWD	1279087	1282830	pORF+_1279087	equal	npORF+_1279087	1279897	1282830	inside
EG10639	narH	512	b1225	FWD	1282827	1284365	pORF+_1282827	equal	npORF+_1282827	1283229	1284365	inside
EG10640	narI	225	b1227	FWD	1285072	1285749						
EG11319	galU	302	b1236	FWD	1290680	1291588	pORF+_1290680	equal	npORF+_1290680	1290680	1291588	equal
EG10674	oppA	543	b1243	FWD	1299206	1300837	pORF+_1299134	inside	npORF+_1299134	1299260	1300837	inside
EG11124	ompW	212	b1256	FWD	1312044	1312682	pORF+_1312044	equal	npORF+_1312044	1312068	1312682	inside
EG11013	topA	865	b1274	FWD	1329072	1331669	pORF+_1329030	inside	npORF+_1329030	1329072	1331669	equal
EG10184	cysB	324	b1275	FWD	1331879	1332853	pORF+_1331879	equal	npORF+_1331879	1331993	1332853	inside
EG11325	acnA	891	b1276	FWD	1333855	1336530	pORF+_1333855	equal	npORF+_1333855	1333855	1336530	equal
EG13909	puuD	254	b1298	FWD	1359144	1359908	pORF+_1359132	inside	npORF+_1359132	1359183	1359908	inside
EG10776	pspA	222	b1304	FWD	1366103	1366771	pORF+_1366103	equal	npORF+_1366103	1366103	1366771	equal
EG10780	pspE	104	b1308	FWD	1367713	1368027	pORF+_1367713	equal	npORF+_1367713	1367746	1368027	inside
EG13428	ompG	301	b1319	FWD	1379971	1380876						
EG11042	tyrR	513	b1323	FWD	1384744	1386285	pORF+_1384717	inside	npORF+_1384717	1385035	1386285	inside
EG13376	mppA	537	b1329	FWD	1391251	1392864	pORF+_1391230	inside	npORF+_1391230	1391362	1392864	inside
EG13179	feaB	499	b1385	FWD	1445543	1447042	pORF+_1445540	inside	npORF+_1445540	1446425	1447042	inside
EG10035	aldA	479	b1415	FWD	1486256	1487695	pORF+_1486256	equal	npORF+_1486256	1486256	1487695	equal
EG12859	opgD	551	b1424	FWD	1494880	1496535	pORF+_1494880	equal	npORF+_1494880	1494925	1496535	inside
EG10680	osmC	143	b1482	FWD	1554649	1555080	pORF+_1554649	equal	npORF+_1554649	1554649	1555080	equal
EG13812	tam	252	b1519	FWD	1605370	1606128	pORF+_1605370	equal	npORF+_1605370	1605370	1606128	equal
EG12345	ydfG	248	b1539	FWD	1625541	1626287	pORF+_1625526	inside	npORF+_1625526	1625541	1626287	equal
EG13838	ydfZ	67	b1541	FWD	1627239	1627442	pORF+_1627239	equal	npORF+_1627239	1627239	1627442	equal
EG12447	speG	186	b1584	FWD	1654208	1654768	pORF+_1654208	equal	npORF+_1654208	1654208	1654768	equal

EG13842	ynfD	101	b1586	FWD	1655589	1655894	pORF+_1655547	inside	npORF+_1655547	1655589	1655894	equal
EG13847	dmsD	204	b1591	FWD	1662530	1663144	pORF+_1662521	inside	npORF+_1662521	1662530	1663144	equal
EG12149	asr	102	b1597	FWD	1669400	1669708	pORF+_1669373	inside	npORF+_1669373	1669436	1669708	inside
EG11038	tus	309	b1610	FWD	1682283	1683212	pORF+_1682271	inside	npORF+_1682271	1682493	1683212	inside
EG10662	nth	211	b1633	FWD	1709547	1710182	pORF+_1709547	equal	npORF+_1709547	1709640	1710182	inside
EG12613	gst	201	b1635	FWD	1712401	1713006	pORF+_1712401	equal	npORF+_1712401	1712407	1713006	inside
EG13421	gloA	135	b1651	FWD	1725861	1726268	pORF+_1725861	equal	npORF+_1725861	1725861	1726268	equal
EG10954	sodB	193	b1656	FWD	1733402	1733983	pORF+_1733402	equal	npORF+_1733402	1733402	1733983	equal
EG11531	cfa	382	b1661	FWD	1739437	1740585	pORF+_1739437	equal	npORF+_1739437	1739437	1740585	equal
EG10804	pykF	470	b1676	FWD	1753722	1755134	pORF+_1753506	inside	npORF+_1753506	1753722	1755134	equal
EG10544	lpp	78	b1677	FWD	1755445	1755681	pORF+_1755445	equal	npORF+_1755445	1755445	1755681	equal
EG10076	aroD	252	b1693	FWD	1772710	1773468	pORF+_1772710	equal	npORF+_1772710	1772710	1773468	equal
EG10080	aroH	348	b1704	FWD	1786459	1787505	pORF+_1786336	inside	npORF+_1786336	1786459	1787505	equal
EG10700	pfkB	309	b1723	FWD	1804394	1805323	pORF+_1804391	inside	npORF+_1804391	1804394	1805323	equal
EG10509	katE	753	b1732	FWD	1811891	1814152	pORF+_1811891	equal	npORF+_1811891	1811966	1814152	inside
EG10663	nadE	275	b1740	FWD	1820482	1821309	pORF+_1820482	equal	npORF+_1820482	1820482	1821309	equal
EG10372	gdhA	447	b1761	FWD	1840395	1841738	pORF+_1840395	equal	npORF+_1840395	1840395	1841738	equal
EG10367	gapA	331	b1779	FWD	1860795	1861790	pORF+_1860786	inside	npORF+_1860786	1860795	1861790	equal
EG12679	yeaD	294	b1780	FWD	1861874	1862758	pORF+_1861853	inside	npORF+_1861853	1861874	1862758	equal
EG10930	sdaA	454	b1814	FWD	1894956	1896320	pORF+_1894956	equal	npORF+_1894956	1894983	1896320	inside
EG10567	manX	323	b1817	FWD	1900072	1901043	pORF+_1900072	equal	npORF+_1900072	1900072	1901043	equal
EG11505	holE	76	b1842	FWD	1923132	19233045	pORF+_1923045	inside	npORF+_1923045	1923177	1923362	inside
EG11809	purT	392	b1849	FWD	1928905	1930083	pORF+_1928905	equal	npORF+_1928905	1928905	1930083	equal
EG10803	pykA	480	b1854	FWD	1935673	1937115	pORF+_1935532	inside	npORF+_1935532	1935673	1937115	equal
EG10071	argS	577	b1876	FWD	1958086	1959819	pORF+_1958086	equal	npORF+_1958086	1958086	1959819	equal
EG10921	ftnA	165	b1905	FWD	1986740	1987237	pORF+_1986725	inside	npORF+_1986725	1986818	1987237	inside
EG10820	rcsA	207	b1951	FWD	2021992	2022615	pORF+_2021992	equal	npORF+_2021992	2022439	2022615	inside
EG11755	hchA	283	b1967	FWD	2033859	2034710	pORF+_2033859	equal	npORF+_2033859	2033859	2034710	equal
EG14047	yedY	334	b1971	FWD	2037502	2038506	pORF+_2037502	equal	npORF+_2037502	2037613	2038506	inside
EG14049	yodA	216	b1973	FWD	2039399	2040049	pORF+_2039399	equal	npORF+_2039399	2039399	2040049	equal
EG10039	amn	484	b1982	FWD	2053085	2054539	pORF+_2052929	inside	npORF+_2052929	2053085	2054539	equal
EG12686	flu	1039	b2000	FWD	2069563	2072682	pORF+_2069407	inside	npORF+_2069407	2069929	2072682	inside
EG10926	sbcB	475	b2011	FWD	2080780	2082207	pORF+_2080708	inside	npORF+_2080708	2080783	2082207	inside
EG10447	hisD	434	b2020	FWD	2089121	2090425	pORF+_2089112	inside	npORF+_2089112	2089121	2090425	equal
EG10445	hisB	355	b2022	FWD	2091492	2092559	pORF+_2091489	inside	npORF+_2091489	2091492	2092559	equal
EG10586	metG	677	b2114	FWD	2192322	2194355	pORF+_2192313	inside	npORF+_2192313	2192442	2194355	inside
EG10231	dld	571	b2133	FWD	2220207	2221922	pORF+_2220174	inside	npORF+_2220174	2220207	2221922	equal
EG10137	cdd	294	b2143	FWD	2229866	2230750	pORF+_2229866	equal	npORF+_2229866	2229866	2230750	equal
EG14074	yeiT	412	b2146	FWD	2232055	2233293	pORF+_2232055	equal	npORF+_2232055	2233057	2233293	inside
EG11289	yeiA	411	b2147	FWD	2233287	2234522						
EG10885	rplY	94	b2185	FWD	2280539	2280823	pORF+_2280443	inside	npORF+_2280443	2280539	2280823	equal
EG10255	eco	162	b2209	FWD	2301927	2302415	pORF+_2301906	inside	npORF+_2301906	2302044	2302415	inside
EG10660	nrdA	761	b2234	FWD	2342887	2345172	pORF+_2342887	equal	npORF+_2342887	2342887	2345172	equal
EG10661	nrdB	376	b2235	FWD	2345406	2346536	pORF+_2345175	inside	npORF+_2345175	2345406	2346536	equal
EG10391	glpA	542	b2241	FWD	2350669	2352297	pORF+_2350669	equal	npORF+_2350669	2350774	2352297	inside
EG10392	glpB	419	b2242	FWD	2352287	2353546	pORF+_2352059	inside	npORF+_2352059	2352308	2353546	inside

EG10393	glpC	396	b2243	FWD	2353543	2354733						
EG14091	arnA	660	b2255	FWD	2366061	2368043						
EG20173	pta	714	b2297	FWD	2412769	2414913	pORF_+_2412769	equal	npORF_+_2412769	2412769	2414913	equal
EG14263	folX	120	b2303	FWD	2419347	2419709	pORF_+_2419347	equal	npORF_+_2419347	2419389	2419709	inside
EG10280	fadL	446	b2344	FWD	2459328	2460668	pORF_+_2459322	inside	npORF_+_2459322	2459373	2460668	inside
EG10249	dsdA	442	b2366	FWD	2477224	2478552	pORF_+_2477224	equal	npORF_+_2477224	2477239	2478552	inside
EG10192	cysK	323	b2414	FWD	2530431	2531402	pORF_+_2530431	equal	npORF_+_2530431	2530431	2531402	equal
EG10788	ptsH	85	b2415	FWD	2531786	2532043	pORF_+_2531786	equal	npORF_+_2531786	2531786	2532043	equal
EG10789	ptsI	575	b2416	FWD	2532088	2533815	pORF_+_2532088	equal	npORF_+_2532088	2532088	2533815	equal
EG10165	crr	169	b2417	FWD	2533856	2534365	pORF_+_2533856	equal	npORF_+_2533856	2533856	2534365	equal
EG11149	gcvR	190	b2479	FWD	2597928	2598500	pORF_+_2597862	inside	npORF_+_2597862	2597928	2598500	equal
EG10108	bcp	156	b2480	FWD	2598500	2598970	pORF_+_2598500	equal	npORF_+_2598500	2598500	2598970	equal
EG10798	purM	345	b2499	FWD	2619219	2620256	pORF_+_2619204	inside	npORF_+_2619204	2619219	2620256	equal
EG10799	purN	212	b2500	FWD	2620256	2620894	pORF_+_2620256	equal	npORF_+_2620256	2620268	2620894	inside
EG11510	ppk	688	b2501	FWD	2621066	2623132	pORF_+_2621060	inside	npORF_+_2621060	2621126	2623132	inside
EG11403	ppx	513	b2502	FWD	2623137	2624678	pORF_+_2623098	inside	npORF_+_2623098	2623137	2624678	equal
EG11072	xseA	456	b2509	FWD	2632254	2633624	pORF_+_2632254	equal	npORF_+_2632254	2632461	2633624	inside
EG11600	sseA	281	b2521	FWD	2650516	2651361	pORF_+_2650357	inside	npORF_+_2650357	2650516	2651361	equal
EG10456	hmp	396	b2552	FWD	2683857	2685047	pORF_+_2683836	inside	npORF_+_2683836	2683950	2685047	inside
EG10631	nadB	540	b2574	FWD	2708442	2710064	pORF_+_2708442	equal	npORF_+_2708442	2708475	2710064	inside
EG11058	ung	229	b2580	FWD	2714776	2715465	pORF_+_2714776	equal	npORF_+_2714776	2714776	2715465	equal
EG10781	pssA	451	b2585	FWD	2720749	2722104	pORF_+_2720746	inside	npORF_+_2720746	2720752	2722104	inside
EG11151	raiA	113	b2597	FWD	2735176	2735517	pORF_+_2735176	equal	npORF_+_2735176	2735176	2735517	equal
EG12192	nadK	292	b2615	FWD	2748853	2749731	pORF_+_2748853	equal	npORF_+_2748853	2748925	2749731	inside
EG11782	smpB	160	b2620	FWD	2752918	2753400	pORF_+_2752918	equal	npORF_+_2752918	2752918	2753400	equal
EG13523	csiD	325	b2659	FWD	2787007	2787984						
EG10361	gabT	426	b2662	FWD	2790757	2792037	pORF_+_2790751	inside	npORF_+_2790751	2790757	2792037	equal
EG10773	proX	330	b2679	FWD	2805154	2806146	pORF_+_2805112	inside	npORF_+_2805112	2805154	2806146	equal
EG10971	srlD	259	b2705	FWD	2825759	2826538						
EG10484	hypB	290	b2727	FWD	2849023	2849895	pORF_+_2849023	equal	npORF_+_2849023	2849272	2849895	inside
EG10485	hypC	90	b2728	FWD	2849886	2850158	pORF_+_2849859	inside	npORF_+_2849859	2849886	2850158	equal
EG10352	fucP	438	b2801	FWD	2932257	2933573						
EG10349	fucI	591	b2802	FWD	2933606	2935381	pORF_+_2933606	equal	npORF_+_2933606	2933900	2935381	inside
EG10350	fucK	482	b2803	FWD	2935460	2936908						
EG13082	csdA	401	b2810	FWD	2941359	2942564						
EG10063	argA	443	b2818	FWD	2947264	2948595	pORF_+_2947198	inside	npORF_+_2947198	2947264	2948595	equal
EG10624	mutH	229	b2831	FWD	2967684	2968373						
EG13062	ssnA	442	b2879	FWD	3017183	3018511						
EG12685	ygfZ	326	b2898	FWD	3039335	3040315	pORF_+_3039335	equal	npORF_+_3039335	3039335	3040315	equal
EG10490	argP	297	b2916	FWD	3057775	3058668	pORF_+_3057709	inside	npORF_+_3057709	3057817	3058668	inside
EG10589	metK	384	b2942	FWD	3084728	3085882	pORF_+_3084716	inside	npORF_+_3084716	3084728	3085882	equal
EG10419	gshB	316	b2947	FWD	3089900	3090850	pORF_+_3089900	equal	npORF_+_3089900	3089900	3090850	equal
EG12984	yggX	91	b2962	FWD	3102115	3102390	pORF_+_3102115	equal	npORF_+_3102115	3102115	3102390	equal
EG10583	metC	395	b3008	FWD	3150258	3151445	pORF_+_3150123	inside	npORF_+_3150123	3150258	3151445	equal
EG13015	dkgA	275	b3012	FWD	3154645	3155472	pORF_+_3154645	equal	npORF_+_3154645	3154645	3155472	equal
EG12656	mdaB	193	b3028	FWD	3170552	3171133	pORF_+_3170552	equal	npORF_+_3170552	3170552	3171133	equal

EG12657	ygiN	104	b3029	FWD	3171164	3171478	pORF+_3171164	equal	npORF+_3171164	3171164	3171478	equal
EG11009	tolC	493	b3035	FWD	3176137	3177618	pORF+_3176098	inside	npORF+_3176098	3176191	3177618	inside
EG13031	yqiC	96	b3042	FWD	3182862	3183152	pORF+_3182802	inside	npORF+_3182802	3182913	3183152	inside
EG10920	rpsU	71	b3065	FWD	3208803	3209018	pORF+_3208803	equal	npORF+_3208803	3208803	3209018	equal
EG10239	dnaG	581	b3066	FWD	3209129	3210874	pORF+_3209129	equal	npORF+_3209129	3209417	3210874	inside
EG10896	rpoD	613	b3067	FWD	3211069	3212910	pORF+_3211069	equal	npORF+_3211069	3211069	3212910	equal
EG10252	ebgA		b3076	FWD	3220655	3223747						
EG12723	fadH	672	b3081	FWD	3229687	3231705	pORF+_3229687	equal	npORF+_3229687	3229687	3231705	equal
EG10068	argG	447	b3172	FWD	3316659	3318002	pORF+_3316659	equal	npORF+_3316659	3316659	3318002	equal
EG10202	dacB	477	b3182	FWD	3326985	3328418	pORF+_3326985	equal	npORF+_3326985	3327012	3328418	inside
EG12804	kdsC	188	b3198	FWD	3340295	3340861	pORF+_3340295	equal	npORF+_3340295	3340295	3340861	equal
EG12618	lptA	185	b3200	FWD	3341402	3341959	pORF+_3341381	inside	npORF+_3341381	3341402	3341959	equal
EG11680	lptB	241	b3201	FWD	3341966	3342691	pORF+_3341966	equal	npORF+_3341966	3342017	3342691	inside
EG11681	hpf	95	b3203	FWD	3344195	3344482	pORF+_3344111	inside	npORF+_3344111	3344195	3344482	equal
EG10404	gltD	472	b3213	FWD	3357220	3358638	pORF+_3357220	equal	npORF+_3357220	3357220	3358638	equal
EG11514	gltF	254	b3214	FWD	3359198	3359962						
EG12612	degQ	455	b3234	FWD	3378765	3380132	pORF+_3378723	inside	npORF+_3378723	3378786	3380132	inside
EG10070	argR	156	b3237	FWD	3382725	3383195	pORF+_3382725	equal	npORF+_3382725	3382725	3383195	equal
EG10275	accB	156	b3255	FWD	3403458	3403928	pORF+_3403458	equal	npORF+_3403458	3403458	3403928	equal
EG10276	accC	449	b3256	FWD	3403939	3405288	pORF+_3403900	inside	npORF+_3403900	3403939	3405288	equal
EG10317	fis	98	b3261	FWD	3409293	3409589	pORF+_3409293	equal	npORF+_3409293	3409293	3409589	equal
EG11440	def	169	b3287	FWD	3431712	3432221	pORF+_3431712	equal	npORF+_3431712	3431712	3432221	equal
EG11268	fmt	315	b3288	FWD	3432236	3433183	pORF+_3432236	equal	npORF+_3432236	3432236	3433183	equal
EG12163	rsmB	429	b3289	FWD	3433229	3434518	pORF+_3433208	inside	npORF+_3433208	3433229	3434518	equal
EG11019	trkA	458	b3290	FWD	3434540	3435916	pORF+_3434540	equal	npORF+_3434540	3434921	3435916	inside
EG11180	mscL	136	b3291	FWD	3436046	3436456	pORF+_3436046	equal	npORF+_3436046	3436325	3436456	inside
EG10164	crp	210	b3357	FWD	3484142	3484774	pORF+_3484142	equal	npORF+_3484142	3484187	3484774	inside
EG10188	cysG	457	b3368	FWD	3495850	3497223	pORF+_3495850	equal	npORF+_3495850	3496216	3497223	inside
EG12929	hslR	133	b3400	FWD	3527370	3527771	pORF+_3527370	equal	npORF+_3527370	3527370	3527771	equal
EG10688	pck	540	b3403	FWD	3530840	3532462	pORF+_3530771	inside	npORF+_3530771	3530858	3532462	inside
EG11578	greB	158	b3406	FWD	3534834	3535310						
EG10394	glpD	501	b3426	FWD	3560036	3561541	pORF+_3560021	inside	npORF+_3560021	3560036	3561541	equal
EG12075	nikA	524	b3476	FWD	3611690	3613264	pORF+_3611690	equal	npORF+_3611690	3612254	3613264	inside
EG11390	uspA	144	b3495	FWD	3638134	3638568	pORF+_3638134	equal	npORF+_3638134	3638134	3638568	equal
EG12245	treF	549	b3519	FWD	3667615	3669264						
EG10986	tag	187	b3549	FWD	3711115	3711678						
EG12272	ghrB	324	b3553	FWD	3715333	3716307	pORF+_3715321	inside	npORF+_3715321	3715333	3716307	equal
EG10166	cspA	70	b3556	FWD	3718072	3718284	pORF+_3718072	equal	npORF+_3718072	3718072	3718284	equal
EG20252	xylF	330	b3566	FWD	3729154	3730146	pORF+_3729076	inside	npORF+_3729076	3729664	3730146	inside
EG11316	malS	676	b3571	FWD	3735520	3737550						
EG10616	mtlD	382	b3600	FWD	3772447	3773595	pORF+_3772129	inside	npORF+_3772129	3772447	3773595	equal
EG10838	rfaD	310	b3619	FWD	3792010	3792942	pORF+_3792010	equal	npORF+_3792010	3792010	3792942	equal
EG11189	rfaC	319	b3621	FWD	3794002	3794961						
EG11190	coaD	159	b3634	FWD	3807848	3808327	pORF+_3807680	inside	npORF+_3807680	3807848	3808327	equal
EG10004	dfp	406	b3639	FWD	3810754	3811974	pORF+_3810682	inside	npORF+_3810682	3810868	3811974	inside
EG10899	rpoZ	91	b3649	FWD	3820129	3820404	pORF+_3820129	equal	npORF+_3820129	3820129	3820404	equal

EG10892	rpmH	46	b3703	FWD	3882359	3882499	pORF+_3882359	equal	npORF+_3882359	3882359	3882499	equal
EG11005	tnaA	471	b3708	FWD	3886753	3888168	pORF+_3886738	inside	npORF+_3886738	3886753	3888168	equal
EG10814	rbsA	501	b3749	FWD	3931801	3933306	pORF+_3931801	equal	npORF+_3931801	3931945	3933306	inside
EG10815	rbsB	296	b3751	FWD	3934301	3935191	pORF+_3934295	inside	npORF+_3934295	3934307	3935191	inside
EG10818	rbsK	309	b3752	FWD	3935317	3936246	pORF+_3935290	inside	npORF+_3935290	3935317	3936246	equal
EG10819	rbsR	330	b3753	FWD	3936250	3937242	pORF+_3936250	equal	npORF+_3936250	3936259	3937242	inside
EG11450	yifE	112	b3764	FWD	3946109	3946447	pORF+_3946109	equal	npORF+_3946109	3946109	3946447	equal
EG10497	ilvE	309	b3770	FWD	3950507	3951436	pORF+_3950441	inside	npORF+_3950441	3950507	3951436	equal
EG10496	ilvD	616	b3771	FWD	3951501	3953351	pORF+_3951501	equal	npORF+_3951501	3951543	3953351	inside
EG10495	ilvC	491	b3774	FWD	3955993	3957468	pORF+_3955858	inside	npORF+_3955858	3955993	3957468	equal
EG10837	rep	673	b3778	FWD	3958700	3960721	pORF+_3958649	inside	npORF+_3958649	3959057	3960721	inside
EG11031	trxA	109	b3781	FWD	3963784	3964113	pORF+_3963679	inside	npORF+_3963679	3963784	3964113	equal
EG10845	rho	419	b3783	FWD	3964440	3965699	pORF+_3964368	inside	npORF+_3964368	3964440	3965699	equal
EG11069	xerC	298	b3811	FWD	3994310	3995206	pORF+_3994310	equal	npORF+_3994310	3994475	3995206	inside
EG11064	uvrD	720	b3813	FWD	3996006	3998168	pORF+_3995817	inside	npORF+_3995817	3996057	3998168	inside
EG10738	pIdA	289	b3821	FWD	4002885	4003754	pORF+_4002885	equal	npORF+_4002885	4003155	4003754	inside
EG10833	recQ	609	b3822	FWD	4003887	4005716	pORF+_4003881	inside	npORF+_4003881	4005615	4005716	inside
EG10739	pIdB	340	b3825	FWD	4007193	4008215	pORF+_4007193	equal	npORF+_4007193	4007193	4008215	equal
EG10584	metE	753	b3829	FWD	4011076	4013337	pORF+_4011076	equal	npORF+_4011076	4011076	4013337	equal
EG11045	udp	253	b3831	FWD	4014454	4015215	pORF+_4014448	inside	npORF+_4014448	4014454	4015215	equal
EG11481	tatD	260	b4483	FWD	4021577	4022359						
EG10334	fre	233	b3844	FWD	4024550	4025251	pORF+_4024517	inside	npORF+_4024517	4024571	4025251	inside
EG11485	hemG	181	b3850	FWD	4032631	4033176	pORF+_4032631	equal	npORF+_4032631	4032631	4033176	equal
EG11830	yihD	89	b3858	FWD	4040092	4040361	pORF+_4040062	inside	npORF+_4040062	4040092	4040361	equal
EG11297	dsbA	208	b3860	FWD	4041441	4042067	pORF+_4041441	equal	npORF+_4041441	4041663	4042067	inside
EG11837	typA	607	b3871	FWD	4056430	4058253	pORF+_4056430	equal	npORF+_4056430	4056442	4058253	inside
EG11852	dtd	145	b3887	FWD	4075038	4075475	pORF+_4075038	equal	npORF+_4075038	4075302	4075475	inside
EG10953	sodA	206	b3908	FWD	4098833	4099453	pORF+_4098827	inside	npORF+_4098827	4098833	4099453	equal
EG10929	sbp	329	b3917	FWD	4106857	4107846	pORF+_4106857	equal	npORF+_4106857	4106887	4107846	inside
EG10889	rpmE	70	b3936	FWD	4125036	4125248	pORF+_4125036	equal	npORF+_4125036	4125036	4125248	equal
EG10582	metB	386	b3939	FWD	4126695	4127855	pORF+_4126518	inside	npORF+_4126518	4126695	4127855	equal
EG10590	metL	810	b3940	FWD	4127858	4130290	pORF+_4127858	equal	npORF+_4127858	4127858	4130290	equal
EG10681	oxyR	305	b3961	FWD	4156513	4157430	pORF+_4156483	inside	npORF+_4156483	4156513	4157430	equal
EG10126	btuB	614	b3966	FWD	4161662	4163506	pORF+_4161617	inside	npORF+_4161617	4161662	4163506	equal
EG11037	tufB	394	b3980	FWD	4173967	4175151	pORF+_4173967	equal	npORF+_4173967	4173967	4175151	equal
EG10667	nusG	181	b3982	FWD	4175766	4176311	pORF+_4175766	equal	npORF+_4175766	4175766	4176311	equal
EG10872	rplK	142	b3983	FWD	4176470	4176898	pORF+_4176470	equal	npORF+_4176470	4176470	4176898	equal
EG10864	rplA	234	b3984	FWD	4176902	4177606	pORF+_4176902	equal	npORF+_4176902	4176902	4177606	equal
EG10871	rplJ	165	b3985	FWD	4178019	4178516	pORF+_4178019	equal	npORF+_4178019	4178019	4178516	equal
EG10873	rplL	121	b3986	FWD	4178583	4178948	pORF+_4178583	equal	npORF+_4178583	4178583	4178948	equal
EG10894	rpoB	1342	b3987	FWD	4179268	4183296	pORF+_4179235	inside	npORF+_4179235	4179268	4183296	equal
EG10895	rpoC	1407	b3988	FWD	4183373	4187596	pORF+_4183373	equal	npORF+_4183373	4183373	4187596	equal
EG11915	nfi	223	b3998	FWD	4196813	4197484	pORF+_4196807	inside	npORF+_4196807	4196960	4197484	inside
EG10466	hupA	90	b4000	FWD	4198304	4198576	pORF+_4198304	equal	npORF+_4198304	4198304	4198576	equal
EG10022	aceA	434	b4015	FWD	4215132	4216436	pORF+_4215117	inside	npORF+_4215117	4215132	4216436	equal
EG10026	aceK	578	b4016	FWD	4216619	4218355	pORF+_4216619	equal	npORF+_4216619	4216934	4218355	inside

EG10587	methH	1227	b4019	FWD	4221851	4225534	pORF_+_4221830	inside	npORF_+_4221830	4221851	4225534	equal
EG10528	lamB	446	b4036	FWD	4245994	4247334	pORF_+_4245994	equal	npORF_+_4245994	4245994	4247334	equal
EG11369	ubiC	165	b4039	FWD	4250529	4251026	pORF_+_4250418	inside	npORF_+_4250418	4250856	4251026	inside
EG10224	dgkA	122	b4042	FWD	4254660	4255028	pORF_+_4254660	equal	npORF_+_4254660	4254660	4255028	equal
EG11928	yjbJ	69	b4045	FWD	4257260	4257469	pORF_+_4257254	inside	npORF_+_4257254	4257260	4257469	equal
EG10236	dnaB	471	b4052	FWD	4262337	4263752	pORF_+_4262337	equal	npORF_+_4262337	4262337	4263752	equal
EG11040	tyrB	397	b4054	FWD	4265137	4266330	pORF_+_4265095	inside	npORF_+_4265095	4265137	4266330	equal
EG11934	aphA	237	b4055	FWD	4267437	4268150	pORF_+_4267197	inside	npORF_+_4267197	4267476	4268150	inside
EG11936	yjbR	118	b4057	FWD	4268681	4269037	pORF_+_4268681	equal	npORF_+_4268681	4268681	4269037	equal
EG10976	ssb	178	b4059	FWD	4272148	4272684	pORF_+_4272085	inside	npORF_+_4272085	4272148	4272684	equal
EG11781	nrfA	478	b4070	FWD	4285787	4287223	pORF_+_4285754	inside	npORF_+_4285754	4285829	4287223	inside
EG11945	nrfB	188	b4071	FWD	4287268	4287834						
EG10577	meIA	451	b4119	FWD	4339934	4341289	pORF_+_4339934	equal	npORF_+_4339934	4340090	4341289	inside
EG10600	groS	97	b4142	FWD	4368711	4369004	pORF_+_4368711	equal	npORF_+_4368711	4368711	4369004	equal
EG10599	groL	548	b4143	FWD	4369048	4370694	pORF_+_4369048	equal	npORF_+_4369048	4369048	4370694	equal
EG12099	efp	188	b4147	FWD	4373722	4374288	pORF_+_4373722	equal	npORF_+_4373722	4373722	4374288	equal
EG12480	orn	181	b4162	FWD	4389627	4390172	pORF_+_4389483	inside	npORF_+_4389483	4389627	4390172	equal
EG10438	hfq	102	b4172	FWD	4398311	4398619	pORF_+_4398311	equal	npORF_+_4398311	4398311	4398619	equal
EG10790	purA	432	b4177	FWD	4402710	4404008	pORF_+_4402710	equal	npORF_+_4402710	4402710	4404008	equal
EG11259	rnr	813	b4179	FWD	4404677	4407118	pORF_+_4404635	inside	npORF_+_4404635	4404677	4407118	equal
EG12496	ulaD	216	b4196	FWD	4420209	4420859	pORF_+_4420011	inside	npORF_+_4420011	4420533	4420859	inside
EG10905	rpsF	135	b4200	FWD	4423141	4423536	pORF_+_4423141	equal	npORF_+_4423141	4423141	4423536	equal
EG10764	priB	104	b4201	FWD	4423543	4423857						
EG10917	rpsR	75	b4202	FWD	4423862	4424089	pORF_+_4423862	equal	npORF_+_4423862	4423862	4424089	equal
EG10870	rplI	149	b4203	FWD	4424131	4424580	pORF_+_4424131	equal	npORF_+_4424131	4424131	4424580	equal
EG12503	fkIB	206	b4207	FWD	4426958	4427578	pORF_+_4426799	inside	npORF_+_4426799	4427012	4427578	inside
EG12517	ytfQ	318	b4227	FWD	4447985	4448941	pORF_+_4447985	equal	npORF_+_4447985	4448042	4448941	inside
EG10308	fimA	182	b4314	FWD	4541138	4541686	pORF_+_4541138	equal	npORF_+_4541138	4541138	4541686	equal
EG10311	fimD	878	b4317	FWD	4543119	4545755						
EG10315	fimH	300	b4320	FWD	4546831	4547733	pORF_+_4546822	inside	npORF_+_4546822	4547566	4547733	inside
EG11414	holD	137	b4372	FWD	4605826	4606239	pORF_+_4605826	equal	npORF_+_4605826	4605898	4606239	inside
EG11391	osmY	201	b4376	FWD	4609419	4610024	pORF_+_4609341	inside	npORF_+_4609341	4609467	4610024	inside
EG10221	deoC	259	b4381	FWD	4615346	4616125	pORF_+_4615322	inside	npORF_+_4615322	4615346	4616125	equal
EG10220	deoB	407	b4383	FWD	4617626	4618849	pORF_+_4617626	equal	npORF_+_4617626	4617626	4618849	equal
EG10222	deoD	239	b4384	FWD	4618906	4619625	pORF_+_4618849	inside	npORF_+_4618849	4618906	4619625	equal
EG10950	slt	645	b4392	FWD	4628756	4630693	pORF_+_4628726	inside	npORF_+_4628726	4629002	4630693	inside
EG11029	trpR	108	b4393	FWD	4630783	4631109	pORF_+_4630783	equal	npORF_+_4630783	4630783	4631109	equal
EG10919	rpsT	87	b0023	REV	20815	21078	pORF_-_20815	equal	npORF_-_20815	20815	21078	equal
EG11559	caiB	405	b0038	REV	37898	39115						
EG11560	caiA	380	b0039	REV	39244	40386						
EG10048	apaH	280	b0049	REV	50380	51222	pORF_-_50380	equal	npORF_-_50380	50380	51039	inside
EG10985	surA	428	b0053	REV	53416	54702	pORF_-_53416	equal	npORF_-_53416	53416	54666	inside
EG11569	lptD	784	b0054	REV	54755	57109	pORF_-_54755	equal	npORF_-_54755	54755	57076	inside
EG12609	rluA	219	b0058	REV	59687	60346	pORF_-_59687	inside	npORF_-_59687	59687	60244	inside
EG11083	hepA	968	b0059	REV	60358	63264	pORF_-_60358	equal	npORF_-_60358	60358	63192	inside
EG10747	poiB	783	b0060	REV	63429	65780						

EG10055	araD	231	b0061	REV	65855	66550	pORF_-_65855	equal	npORF_-_65855	65855	66355	inside
EG10053	araB	566	b0063	REV	68348	70048	pORF_-_68348	equal	npORF_-_68348	68348	70048	equal
EG11574	thiB	327	b0068	REV	74497	75480	pORF_-_74497	inside	npORF_-_74497	74497	75366	inside
EG11575	leuD	201	b0071	REV	78848	79453	pORF_-_78848	equal	npORF_-_78848	78848	79453	equal
EG11576	leuC	466	b0072	REV	79464	80864	pORF_-_79464	equal	npORF_-_79464	79464	80864	equal
EG11577	leuB	363	b0073	REV	80867	81958	pORF_-_80867	inside	npORF_-_80867	80867	81958	equal
EG11226	leuA	523	b0074	REV	81958	83529	pORF_-_81958	equal	npORF_-_81958	81958	83529	equal
EG10962	speD	264	b0120	REV	134788	135582	pORF_-_134788	equal	npORF_-_134788	134788	135582	equal
EG10963	speE	288	b0121	REV	135598	136464	pORF_-_135598	equal	npORF_-_135598	135598	136464	equal
EG10369	gcd	796	b0124	REV	138835	141225	pORF_-_138835	inside	npORF_-_138835	138835	140853	inside
EG11747	panD	126	b0131	REV	146314	146694	pORF_-_146314	equal	npORF_-_146314	146314	146694	equal
EG11675	panB	264	b0134	REV	148807	149601	pORF_-_148807	equal	npORF_-_148807	148807	149601	equal
EG11374	folK	159	b0142	REV	157253	157732	pORF_-_157253	equal	npORF_-_157253	157253	157726	inside
EG10690	pcnB	465	b0143	REV	157729	159126	pORF_-_157729	inside	npORF_-_157729	157729	159093	inside
EG10230	dksA	151	b0145	REV	160149	160604	pORF_-_160149	inside	npORF_-_160149	160149	160604	equal
EG12330	ligT	176	b0147	REV	161501	162031						
EG12334	btuF	266	b0158	REV	177662	178462						
EG10207	dapD	274	b0166	REV	185123	185947	pORF_-_185123	equal	npORF_-_185123	185123	185947	equal
EG10570	map	264	b0168	REV	188712	189506	pORF_-_188712	equal	npORF_-_188712	188712	189506	equal
EG13221	rof	84	b0189	REV	213678	213932	pORF_-_213678	inside	npORF_-_213678	213678	213827	inside
EG10770	proS	572	b0194	REV	217057	218775	pORF_-_217057	inside	npORF_-_217057	217057	218775	equal
EG10860	rnhA	155	b0214	REV	235535	236002	pORF_-_235535	inside	npORF_-_235535	235535	235804	inside
EG10695	pepD	485	b0237	REV	254259	255716	pORF_-_254259	equal	npORF_-_254259	254259	255716	equal
EG10729	phoE	351	b0241	REV	258269	259324	pORF_-_258269	inside	npORF_-_258269	258269	259285	inside
EG10067	argF	334	b0273	REV	288525	289529	pORF_-_288525	equal	npORF_-_288525	288525	289529	equal
EG13565	matB	195	b0293	REV	309308	309895	pORF_-_309308	equal	npORF_-_309308	309308	310051	inside
EG10110	betB	490	b0312	REV	326485	327957	pORF_-_326485	inside	npORF_-_326485	326485	327948	inside
EG10524	lacA	203	b0342	REV	360473	361084	pORF_-_360473	inside	npORF_-_360473	360473	360655	inside
EG10527	lacZ	1024	b0344	REV	362455	365529						
EG10525	lacI	360	b0345	REV	365652	366734	pORF_-_365652	inside	npORF_-_365652	365652	366668	inside
EG20276	mhpR	277	b0346	REV	366811	367644	pORF_-_366811	inside	npORF_-_366811	366811	367503	inside
EG50010	frmA	369	b0356	REV	377686	378795	pORF_-_377686	equal	npORF_-_377686	377686	378546	inside
EG10428	hemB	324	b0369	REV	387977	388951	pORF_-_387977	inside	npORF_-_387977	387977	388951	equal
EG10769	proC	269	b0386	REV	404059	404868	pORF_-_404059	inside	npORF_-_404059	404059	404868	equal
EG12158	rdgC	303	b0393	REV	408332	409243	pORF_-_408332	inside	npORF_-_408332	408332	409177	inside
EG10927	sbcC	1048	b0397	REV	411831	414977	pORF_-_411831	equal	npORF_-_411831	411831	412463	inside
EG11094	sbcD	400	b0398	REV	414974	416176	pORF_-_414974	inside	npORF_-_414974	414974	415804	inside
EG13612	dxs	620	b0420	REV	437539	439401	pORF_-_437539	equal	npORF_-_437539	437539	439401	equal
EG10508	ispA	299	b0421	REV	439426	440325	pORF_-_439426	equal	npORF_-_439426	439426	440325	equal
EG10995	tesB	286	b0452	REV	473525	474385	pORF_-_473525	inside	npORF_-_473525	473525	474385	equal
EG14239	maa	183	b0459	REV	478591	479142	pORF_-_478591	equal	npORF_-_478591	478591	478680	inside
EG10765	priC	175	b0467	REV	489509	490036	pORF_-_489509	equal	npORF_-_489509	489509	489967	inside
EG11101	aes	319	b0476	REV	498238	499197						
EG13246	copA	834	b0484	REV	508099	510603	pORF_-_508099	equal	npORF_-_508099	508099	510603	equal
EG11542	tesA	208	b0494	REV	518363	518989	pORF_-_518363	inside	npORF_-_518363	518363	518956	inside
EG10796	purK	355	b0522	REV	550750	551817	pORF_-_550750	equal	npORF_-_550750	550750	552348	inside

EG10793	purE	169	b0523	REV	551814	552323	pORF_-_551814	inside	npORF_-_551814	551814	552284	inside
EG10758	ppiB	164	b0525	REV	553166	553660	pORF_-_553166	equal	npORF_-_553166	553166	553660	equal
EG10328	fold	288	b0529	REV	556098	556964	pORF_-_556098	equal	npORF_-_556098	556098	556964	equal
EG10659	nmpC	365	b0533	REV	575009	576048						
EG10673	ompT	317	b0565	REV	583903	584856	pORF_-_583903	equal	npORF_-_583903	583903	584856	equal
EG20151	nfsB	217	b0578	REV	603994	604647	pORF_-_603994	inside	npORF_-_603994	603994	604647	equal
EG10293	fepA	746	b0584	REV	609477	611717	pORF_-_609477	inside	npORF_-_609477	609477	611687	inside
EG10294	fepB	318	b0592	REV	622777	623733	pORF_-_622777	equal	npORF_-_622777	622777	623685	inside
EG13535	dsbG	248	b0604	REV	637050	637796	pORF_-_637050	inside	npORF_-_637050	637050	637583	inside
EG12683	uspG	142	b0607	REV	640662	641090	pORF_-_640662	equal	npORF_-_640662	640662	641090	equal
EG10856	rna	268	b0611	REV	643420	644226	pORF_-_643420	inside	npORF_-_643420	643420	644151	inside
EG11306	lipA	321	b0628	REV	658474	659439	pORF_-_658474	equal	npORF_-_658474	658474	659178	inside
EG10201	dacA	403	b0632	REV	661975	663186	pORF_-_661975	inside	npORF_-_661975	661975	663012	inside
EG11412	holA	343	b0640	REV	669797	670828	pORF_-_669797	equal	npORF_-_669797	669797	670240	inside
EG12700	gltI	302	b0655	REV	686062	686970	pORF_-_686062	inside	npORF_-_686062	686062	686970	equal
EG10092	asnB	554	b0674	REV	696736	698400	pORF_-_696736	inside	npORF_-_696736	696736	698319	inside
EG10318	fldA	176	b0684	REV	710158	710688	pORF_-_710158	inside	npORF_-_710158	710158	710688	equal
EG10517	kdpE	225	b0694	REV	720279	720956						
EG10402	gltA	427	b0720	REV	752408	753691	pORF_-_752408	equal	npORF_-_752408	752408	753691	equal
EG11699	gpmA	250	b0755	REV	786066	786818	pORF_-_786066	inside	npORF_-_786066	786066	786818	equal
EG10363	galK	382	b0757	REV	788054	789202	pORF_-_788054	equal	npORF_-_788054	788054	789202	equal
EG10366	galT	348	b0758	REV	789206	790252	pORF_-_789206	equal	npORF_-_789206	789206	789931	inside
EG10362	galE	338	b0759	REV	790262	791278	pORF_-_790262	inside	npORF_-_790262	790262	791227	inside
EG10386	glnH	248	b0811	REV	846481	847227	pORF_-_846481	equal	npORF_-_846481	846481	847227	equal
EG11415	dps	167	b0812	REV	847631	848134	pORF_-_847631	inside	npORF_-_847631	847631	848134	equal
EG13324	ybiS	306	b0819	REV	854047	854967	pORF_-_854047	equal	npORF_-_854047	854047	854748	inside
EG10417	grxA	85	b0849	REV	889719	889976	pORF_-_889719	inside	npORF_-_889719	889719	889976	equal
EG11628	artJ	243	b0860	REV	899067	899798	pORF_-_899067	inside	npORF_-_899067	899067	899798	equal
EG11625	artI	243	b0863	REV	901480	902211	pORF_-_901480	equal	npORF_-_901480	901480	902679	inside
EG13690	ltaE	333	b0870	REV	907516	908517	pORF_-_907516	equal	npORF_-_907516	907516	908517	equal
EG10754	poxB	572	b0871	REV	908554	910272	pORF_-_908554	equal	npORF_-_908554	908554	910221	inside
EG11111	cspD	74	b0880	REV	921589	921813	pORF_-_921589	inside	npORF_-_921589	921589	921813	equal
EG10504	infA	72	b0884	REV	925448	925666	pORF_-_925448	equal	npORF_-_925448	925448	925666	equal
EG11032	trxB	321	b0888	REV	930308	931273	pORF_-_930308	inside	npORF_-_930308	930308	931273	equal
EG11241	ycaC	208	b0897	REV	944154	944780	pORF_-_944154	equal	npORF_-_944154	944154	944780	equal
EG10028	pflA	246	b0902	REV	949563	950303	pORF_-_949563	inside	npORF_-_949563	949563	950303	equal
EG10701	pflB	760	b0903	REV	950495	952777	pORF_-_950495	equal	npORF_-_950495	950495	952777	equal
EG10096	aspC	396	b0928	REV	983742	984932	pORF_-_983742	equal	npORF_-_983742	983742	985097	inside
EG10671	ompF	362	b0929	REV	985117	986205	pORF_-_985117	equal	npORF_-_985117	985117	986202	inside
EG10094	asnS	466	b0930	REV	986808	988208	pORF_-_986808	inside	npORF_-_986808	986808	988208	equal
EG10742	pncB	400	b0931	REV	988377	989579	pORF_-_988377	inside	npORF_-_988377	988377	989579	equal
EG13706	ssuD	381	b0935	REV	994066	995211	pORF_-_994066	equal	npORF_-_994066	994066	994524	inside
EG13708	ssuE	191	b0937	REV	996160	996735						
EG10273	fabA	172	b0954	REV	1015175	1015693	pORF_-_1015175	inside	npORF_-_1015175	1015175	1015693	equal
EG10669	ompA	346	b0957	REV	1018236	1019276	pORF_-_1018236	inside	npORF_-_1018236	1018236	1019249	inside
EG12307	mgsA	152	b0963	REV	1025780	1026238	pORF_-_1025780	inside	npORF_-_1025780	1025780	1026190	inside

EG13724	hspQ	105	b0966	REV	1027627	1027944	pORF_-_1027627	inside	npORF_-_1027627	1027627	1027944	equal
EG11826	etk	726	b0981	REV	1041253	1043433	pORF_-_1041253	equal	npORF_-_1041253	1041253	1041456	inside
EG12615	torR	230	b0995	REV	1056485	1057177	pORF_-_1056485	equal	npORF_-_1056485	1056485	1057177	equal
EG12193	cbpA	306	b1000	REV	1062078	1062998	pORF_-_1062078	equal	npORF_-_1062078	1062078	1062998	equal
EG12703	yccJ	75	b1003	REV	1066087	1066314	pORF_-_1066087	equal	npORF_-_1066087	1066087	1066314	equal
EG11540	wrbA	198	b1004	REV	1066335	1066931	pORF_-_1066335	equal	npORF_-_1066335	1066335	1066931	equal
EG11820	yceI	191	b1056	REV	1117124	1117699	pORF_-_1117124	equal	npORF_-_1117124	1117124	1117660	inside
EG10806	pyrC	348	b1062	REV	1120784	1121830	pORF_-_1120784	equal	npORF_-_1120784	1120784	1121830	equal
EG12688	grxB	215	b1064	REV	1122630	1123277	pORF_-_1122630	equal	npORF_-_1122630	1122630	1123277	equal
EG10859	rne	1061	b1084	REV	1140405	1143590	pORF_-_1140405	equal	npORF_-_1140405	1140405	1143581	inside
EG10306	fhuE	729	b1102	REV	1158585	1160774	pORF_-_1158585	equal	npORF_-_1158585	1158585	1160558	inside
EG10752	potD	348	b1123	REV	1181006	1182052	pORF_-_1181006	equal	npORF_-_1181006	1181006	1182001	inside
EG11314	purB	456	b1131	REV	1189839	1191209	pORF_-_1189839	equal	npORF_-_1189839	1189839	1191209	equal
EG10597	minD	270	b1175	REV	1223772	1224584	pORF_-_1223772	equal	npORF_-_1223772	1223772	1224584	equal
EG13243	hlyE	303	b1182	REV	1228706	1229617						
EG11017	treA	565	b1197	REV	1244902	1246599	pORF_-_1244902	inside	npORF_-_1244902	1244902	1246518	inside
EG11404	ychF	363	b1203	REV	1255944	1257035	pORF_-_1255944	equal	npORF_-_1255944	1255944	1257035	equal
EG10785	pth	194	b1204	REV	1257152	1257736	pORF_-_1257152	equal	npORF_-_1257152	1257152	1257724	inside
EG10774	prs	315	b1207	REV	1260151	1261098	pORF_-_1260151	inside	npORF_-_1260151	1260151	1261098	equal
EG11819	purU	280	b1232	REV	1287005	1287847	pORF_-_1287005	equal	npORF_-_1287005	1287005	1287847	equal
EG10457	hns	137	b1237	REV	1291732	1292145	pORF_-_1291732	equal	npORF_-_1291732	1291732	1292145	equal
EG10031	adhE	891	b1241	REV	1294669	1297344	pORF_-_1294669	equal	npORF_-_1294669	1294669	1297344	equal
EG11607	yciI	98	b1251	REV	1308593	1308889	pORF_-_1308593	inside	npORF_-_1308593	1308593	1308886	inside
EG11125	yciE	168	b1257	REV	1312742	1313248	pORF_-_1312742	equal	npORF_-_1312742	1312742	1313167	inside
EG11126	yciF	166	b1258	REV	1313294	1313794	pORF_-_1313294	inside	npORF_-_1313294	1313294	1313788	inside
EG11024	trpA	268	b1260	REV	1314440	1315246	pORF_-_1314440	equal	npORF_-_1314440	1314440	1315246	equal
EG11025	trpB	397	b1261	REV	1315246	1316439	pORF_-_1315246	equal	npORF_-_1315246	1315246	1316439	equal
EG11027	trpD	531	b1263	REV	1317813	1319408	pORF_-_1317813	equal	npORF_-_1317813	1317813	1319408	equal
EG11028	trpE	520	b1264	REV	1319408	1320970	pORF_-_1319408	equal	npORF_-_1319408	1319408	1320970	equal
EG12868	yciN	83	b1273	REV	1328441	1328692	pORF_-_1328441	equal	npORF_-_1328441	1328441	1328692	equal
EG11331	ribA	196	b1277	REV	1336594	1337184	pORF_-_1336594	inside	npORF_-_1336594	1336594	1337169	inside
EG11528	fabI	262	b1288	REV	1348275	1349063	pORF_-_1348275	equal	npORF_-_1348275	1348275	1349063	equal
EG12672	tpx	168	b1324	REV	1386329	1386835	pORF_-_1386329	equal	npORF_-_1386329	1386329	1386835	equal
EG11246	uspE	316	b1333	REV	1395696	1396646	pORF_-_1395696	inside	npORF_-_1395696	1395696	1396646	equal
EG10325	fnr	250	b1334	REV	1396798	1397550	pORF_-_1396798	inside	npORF_-_1396798	1396798	1397121	inside
EG10668	ogt	171	b1335	REV	1397745	1398260						
EG11899	recT	269	b1349	REV	1412008	1412817						
EG10827	recE	866	b1350	REV	1412810	1415410	pORF_-_1412810	equal	npORF_-_1412810	1412810	1415059	inside
EG10813	racC	91	b1351	REV	1415512	1415787						
EG12674	uspF	144	b1376	REV	1433209	1433643	pORF_-_1433209	inside	npORF_-_1433209	1433209	1433643	equal
EG13375	ompN	377	b1377	REV	1433784	1434917	pORF_-_1433784	equal	npORF_-_1433784	1433784	1434917	equal
EG13422	feaR	301	b1384	REV	1444402	1445307						
EG13140	tynA	757	b1386	REV	1447100	1449373						
EG12695	azoR	201	b1412	REV	1480279	1480884	pORF_-_1480279	equal	npORF_-_1480279	1480279	1480824	inside
EG10647	narY	514	b1467	REV	1535333	1536877						
EG11508	sra	45	b1480	REV	1553850	1553987	pORF_-_1553850	equal	npORF_-_1553850	1553850	1553987	equal

EG11490	gadB	466	b1493	REV	1568669	1570069	pORF_-_1568669	inside	npORF_-_1568669	1568669	1570069	equal
EG10442	hipB	88	b1508	REV	1590200	1590466						
EG11065	uxaB	483	b1521	REV	1607253	1608704	pORF_-_1607253	equal	npORF_-_1607253	1607253	1608704	equal
EG10212	dcp	681	b1538	REV	1623359	1625404	pORF_-_1623359	inside	npORF_-_1623359	1623359	1625299	inside
EG10745	pntB	462	b1602	REV	1672996	1674384	pORF_-_1672996	equal	npORF_-_1672996	1672996	1673598	inside
EG10744	pntA	510	b1603	REV	1674395	1675927	pORF_-_1674395	inside	npORF_-_1674395	1674395	1675927	equal
EG10358	fumC	467	b1611	REV	1683209	1684612	pORF_-_1683209	equal	npORF_-_1683209	1683209	1684612	equal
EG10356	fumA	548	b1612	REV	1684755	1686401	pORF_-_1684755	equal	npORF_-_1684755	1684755	1686401	equal
EG12668	uidC	421	b1615	REV	1689610	1690875						
EG11658	uidB	457	b1616	REV	1690914	1692287						
EG11055	uidA	603	b1617	REV	1692284	1694095						
EG10425	hdhA	255	b1619	REV	1695297	1696064	pORF_-_1695297	equal	npORF_-_1695297	1695297	1696064	equal
EG11043	tyrS	424	b1637	REV	1713972	1715246	pORF_-_1713972	inside	npORF_-_1713972	1713972	1715246	equal
EG11487	pdxH	218	b1638	REV	1715375	1716031	pORF_-_1715375	equal	npORF_-_1715375	1715375	1716031	equal
EG13962	sufS	406	b1680	REV	1757327	1758547	pORF_-_1757327	equal	npORF_-_1757327	1757327	1758388	inside
EG10759	pps	792	b1702	REV	1782758	1785136	pORF_-_1782758	equal	npORF_-_1782758	1782758	1785136	equal
EG10440	ihfA	99	b1712	REV	1793277	1793576	pORF_-_1793277	equal	npORF_-_1793277	1793277	1793576	equal
EG10881	rplT	118	b1716	REV	1797417	1797773	pORF_-_1797417	equal	npORF_-_1797417	1797417	1797773	equal
EG11231	rpmI	65	b1717	REV	1797826	1798023	pORF_-_1797826	inside	npORF_-_1797826	1797826	1798023	equal
EG10506	infC	180	b1718	REV	1798120	1798662	pORF_-_1798120	inside	npORF_-_1798120	1798120	1798677	inside
EG10144	chbF	450	b1734	REV	1815172	1816524						
EG13994	ves	191	b1742	REV	1822386	1822961						
EG13490	spy	161	b1743	REV	1823164	1823649	pORF_-_1823164	equal	npORF_-_1823164	1823164	1823499	inside
EG11014	topB	653	b1763	REV	1843023	1844984	pORF_-_1843023	inside	npORF_-_1843023	1843023	1843979	inside
EG13492	mipA	248	b1782	REV	1863750	1864496	pORF_-_1863750	equal	npORF_-_1863750	1863750	1864466	inside
EG10858	rnd	375	b1804	REV	1884888	1886015						
EG11530	fadD	561	b1805	REV	1886085	1887770	pORF_-_1886085	inside	npORF_-_1886085	1886085	1887770	equal
EG12204	cspC	69	b1823	REV	1905250	1905459	pORF_-_1905250	equal	npORF_-_1905250	1905250	1905459	equal
EG10760	prc	682	b1830	REV	1910792	1912840	pORF_-_1910792	inside	npORF_-_1910792	1910792	1912834	inside
EG11004	ptrB	686	b1845	REV	1924803	1926863						
EG11807	yebF	118	b1847	REV	1928058	1928414	pORF_-_1928058	inside	npORF_-_1928058	1928058	1928381	inside
EG10256	eda	213	b1850	REV	1930139	1930780	pORF_-_1930139	equal	npORF_-_1930139	1930139	1930780	equal
EG12678	znuA	310	b1857	REV	1939675	1940607	pORF_-_1939675	inside	npORF_-_1939675	1939675	1940607	equal
EG10925	ruvC	173	b1863	REV	1944879	1945400	pORF_-_1944879	inside	npORF_-_1944879	1944879	1945190	inside
EG10097	aspS	590	b1866	REV	1946774	1948546	pORF_-_1946774	equal	npORF_-_1946774	1946774	1948546	equal
EG13276	torZ	809	b1872	REV	1952602	1955031	pORF_-_1952602	inside	npORF_-_1952602	1952602	1953582	inside
EG10146	cheA	654	b1888	REV	1971384	1973348	pORF_-_1971384	inside	npORF_-_1971384	1971384	1973231	inside
EG11751	otsA	474	b1896	REV	1978212	1979636	pORF_-_1978212	inside	npORF_-_1978212	1978212	1979636	equal
EG11752	otsB	266	b1897	REV	1979611	1980411	pORF_-_1979611	inside	npORF_-_1979611	1979611	1980240	inside
EG10057	araF	329	b1901	REV	1983163	1984152	pORF_-_1983163	inside	npORF_-_1983163	1983163	1983966	inside
EG11063	uvrC	610	b1913	REV	1990898	1992730	pORF_-_1990898	equal	npORF_-_1990898	1990898	1992664	inside
EG14038	dcyD	328	b1919	REV	1996518	1997504	pORF_-_1996518	inside	npORF_-_1996518	1996518	1997504	equal
EG12680	fliY	266	b1920	REV	1997609	1998409	pORF_-_1997609	inside	npORF_-_1997609	1997609	1998343	inside
EG10321	fliC	498	b1923	REV	2000134	2001630	pORF_-_2000134	equal	npORF_-_2000134	2000134	2001630	equal
EG11068	vsr	156	b1960	REV	2028472	2028942						
EG12682	erfK	310	b1990	REV	2060415	2061347	pORF_-_2060415	inside	npORF_-_2060415	2060415	2061347	equal

EG13391	yeeX	109	b2007	REV	2077056	2077385	pORF_-_2077056	inside	npORF_-_2077056	2077056	2077448	inside
EG11892	sbmC	157	b2009	REV	2078813	2079286	pORF_-_2078813	equal	npORF_-_2078813	2078813	2079286	equal
EG11981	glf	367	b2036	REV	2105250	2106353	pORF_-_2105250	equal	npORF_-_2105250	2105250	2106269	inside
EG11418	dcd	193	b2065	REV	2139658	2140239	pORF_-_2139658	equal	npORF_-_2139658	2139658	2140239	equal
EG11222	alkA	282	b2068	REV	2144716	2145564						
EG12415	gatB	94	b2093	REV	2172304	2172588	pORF_-_2172304	equal	npORF_-_2172304	2172304	2172588	equal
EG12419	gatY	284	b2096	REV	2174372	2175226	pORF_-_2174372	inside	npORF_-_2174372	2174372	2175226	equal
EG14062	fbaB	350	b2097	REV	2175534	2176586	pORF_-_2175534	inside	npORF_-_2175534	2175534	2176586	equal
EG12015	pbpG	310	b2134	REV	2221960	2222892	pORF_-_2221960	inside	npORF_-_2221960	2221960	2222025	inside
EG10593	mgIB	332	b2150	REV	2237372	2238370	pORF_-_2237372	equal	npORF_-_2237372	2237372	2238328	inside
EG10365	galS	346	b2151	REV	2238650	2239690						
EG11375	folE	222	b2153	REV	2241006	2241674	pORF_-_2241006	equal	npORF_-_2241006	2241006	2241674	equal
EG10155	cirA	663	b2155	REV	2242800	2244791	pORF_-_2242800	equal	npORF_-_2242800	2242800	2244725	inside
EG11337	lysP	489	b2156	REV	2245085	2246554	pORF_-_2245085	equal	npORF_-_2245085	2245085	2245591	inside
EG12044	rsuA	231	b2183	REV	2277810	2278505	pORF_-_2277810	equal	npORF_-_2277810	2277810	2278505	equal
EG12048	yeyK	335	b2186	REV	2280962	2281969	pORF_-_2280962	equal	npORF_-_2280962	2280962	2281969	equal
EG12055	ccmE	159	b2197	REV	2292923	2293402						
EG12061	napB	149	b2203	REV	2296291	2296740						
EG12067	napA	828	b2206	REV	2298289	2300775	pORF_-_2298289	equal	npORF_-_2298289	2298289	2300586	inside
EG10037	alkB	216	b2212	REV	2306713	2307363						
EG10029	ada	354	b2213	REV	2307363	2308427						
EG10670	ompC	367	b2215	REV	2309668	2310771	pORF_-_2309668	equal	npORF_-_2309668	2309668	2310771	equal
EG10423	gyrA	875	b2231	REV	2334815	2337442	pORF_-_2334815	equal	npORF_-_2334815	2334815	2337442	equal
EG10399	glpQ	358	b2239	REV	2347957	2349033	pORF_-_2347957	inside	npORF_-_2347957	2347957	2348964	inside
EG12089	nuoI	180	b2281	REV	2393930	2394472	pORF_-_2393930	equal	npORF_-_2393930	2393930	2394472	equal
EG12087	nuoG	908	b2283	REV	2395461	2398187	pORF_-_2395461	inside	npORF_-_2395461	2395461	2398040	inside
EG11774	nuoF	445	b2284	REV	2398240	2399577	pORF_-_2398240	equal	npORF_-_2398240	2398240	2399577	equal
EG12086	nuoE	166	b2285	REV	2399574	2400074	pORF_-_2399574	equal	npORF_-_2399574	2399574	2400074	equal
EG12084	nuoC	596	b2286	REV	2400077	2401867	pORF_-_2400077	inside	npORF_-_2400077	2400077	2401867	equal
EG12083	nuoB	220	b2287	REV	2401973	2402635	pORF_-_2401973	equal	npORF_-_2401973	2401973	2402635	equal
EG12124	hisJ	260	b2309	REV	2424028	2424810	pORF_-_2424028	equal	npORF_-_2424028	2424028	2424798	inside
EG10072	argT	260	b2310	REV	2425031	2425813	pORF_-_2425031	equal	npORF_-_2425031	2425031	2425786	inside
EG10794	purF	505	b2312	REV	2426743	2428260	pORF_-_2426743	equal	npORF_-_2426743	2426743	2428260	equal
EG10327	folC	422	b2315	REV	2429696	2430964	pORF_-_2429696	equal	npORF_-_2429696	2429696	2430964	equal
EG10454	truA	270	b2318	REV	2432846	2433658	pORF_-_2432846	equal	npORF_-_2432846	2432846	2433556	inside
EG11059	usg	337	b2319	REV	2433658	2434671	pORF_-_2433658	equal	npORF_-_2433658	2433658	2434671	equal
EG10274	fabB	406	b2323	REV	2438407	2439627	pORF_-_2438407	equal	npORF_-_2438407	2438407	2439627	equal
EG10580	mepA	274	b2328	REV	2443582	2444406	pORF_-_2443582	equal	npORF_-_2443582	2443582	2444001	inside
EG10075	aroC	361	b2329	REV	2444410	2445495	pORF_-_2444410	inside	npORF_-_2444410	2444410	2445495	equal
EG14146	yfdX	211	b2375	REV	2491789	2492424	pORF_-_2491789	equal	npORF_-_2491789	2491789	2492400	inside
EG10534	ligA	671	b2411	REV	2526183	2528198	pORF_-_2526183	equal	npORF_-_2526183	2526183	2528198	equal
EG10193	cysM	303	b2421	REV	2536694	2537605	pORF_-_2536694	inside	npORF_-_2536694	2536694	2537605	equal
EG10195	cysP	338	b2425	REV	2540534	2541550	pORF_-_2540534	equal	npORF_-_2540534	2540534	2541550	equal
EG50007	eutC	295	b2440	REV	2554432	2555319	pORF_-_2554432	equal	npORF_-_2554432	2554432	2555319	equal
EG50006	eutB	453	b2441	REV	2555340	2556701	pORF_-_2555340	inside	npORF_-_2555340	2555340	2556644	inside
EG10791	purC	237	b2476	REV	2594927	2595640	pORF_-_2594927	inside	npORF_-_2594927	2594927	2595640	equal

EG10205	dapA	292	b2478	REV	2596904	2597782	pORF_-_2596904	inside	npORF_-_2596904	2596904	2597782	equal
EG14201	hda	233	b2496	REV	2616097	2616798	pORF_-_2616097	inside	npORF_-_2616097	2616097	2616690	inside
EG11332	upp	208	b2498	REV	2618268	2618894	pORF_-_2618268	inside	npORF_-_2618268	2618268	2618894	equal
EG10420	guaA	525	b2507	REV	2628980	2630557	pORF_-_2628980	equal	npORF_-_2628980	2628980	2630557	equal
EG10421	guaB	488	b2508	REV	2630626	2632092	pORF_-_2630626	inside	npORF_-_2630626	2630626	2632092	equal
EG10453	hisS	424	b2514	REV	2637323	2638597	pORF_-_2637323	equal	npORF_-_2637323	2637323	2638597	equal
EG10650	ndk	143	b2518	REV	2642455	2642886	pORF_-_2642455	equal	npORF_-_2642455	2642455	2642886	equal
EG11328	fdx	111	b2525	REV	2654770	2655105	pORF_-_2654770	equal	npORF_-_2654770	2654770	2655105	equal
EG12677	iscS	404	b2530	REV	2658339	2659553	pORF_-_2658339	inside	npORF_-_2658339	2658339	2659553	equal
EG13467	yphF	327	b2548	REV	2676406	2677389						
EG10408	glyA	417	b2551	REV	2682276	2683529	pORF_-_2682276	inside	npORF_-_2682276	2682276	2683529	equal
EG10384	glnB	112	b2553	REV	2685092	2685430	pORF_-_2685092	equal	npORF_-_2685092	2685092	2685430	equal
EG10797	purL	1295	b2557	REV	2689678	2693565	pORF_-_2689678	equal	npORF_-_2689678	2689678	2693565	equal
EG10247	acpS	126	b2563	REV	2698640	2699020	pORF_-_2698640	equal	npORF_-_2698640	2698640	2699020	equal
EG10693	pdxJ	243	b2564	REV	2699020	2699751	pORF_-_2699020	inside	npORF_-_2699020	2699020	2699751	equal
EG10270	era	301	b2566	REV	2700503	2701408	pORF_-_2700503	equal	npORF_-_2700503	2700503	2701408	equal
EG10857	rnc	226	b2567	REV	2701405	2702085	pORF_-_2701405	equal	npORF_-_2701405	2701405	2702085	equal
EG11784	yfiD	127	b2579	REV	2714088	2714471	pORF_-_2714088	inside	npORF_-_2714088	2714088	2714471	equal
EG10157	clpB	857	b2592	REV	2729622	2732195	pORF_-_2729622	inside	npORF_-_2729622	2729622	2732018	inside
EG12098	rluD	326	b2594	REV	2733053	2734033	pORF_-_2733053	equal	npORF_-_2733053	2733053	2734033	equal
EG10078	aroF	356	b2601	REV	2738102	2739172	pORF_-_2738102	inside	npORF_-_2738102	2738102	2739172	equal
EG10880	rplS	115	b2606	REV	2742205	2742552	pORF_-_2742205	equal	npORF_-_2742205	2742205	2742552	equal
EG11023	trmD	255	b2607	REV	2742594	2743361	pORF_-_2742594	equal	npORF_-_2742594	2742594	2743361	equal
EG10915	rpsP	82	b2609	REV	2743959	2744207	pORF_-_2743959	inside	npORF_-_2743959	2743959	2744207	equal
EG12675	ygaU	149	b2665	REV	2794359	2794808	pORF_-_2794359	inside	npORF_-_2794359	2794359	2794808	equal
EG11554	stpA	134	b2669	REV	2796113	2796517	pORF_-_2796113	equal	npORF_-_2796113	2796113	2796517	equal
EG12712	luxS	171	b2687	REV	2812240	2812755	pORF_-_2812240	equal	npORF_-_2812240	2812240	2812755	equal
EG10418	gshA	518	b2688	REV	2812905	2814461	pORF_-_2812905	equal	npORF_-_2812905	2812905	2814371	inside
EG10034	alaS	876	b2697	REV	2817403	2820033	pORF_-_2817403	equal	npORF_-_2817403	2817403	2820033	equal
EG10823	recA	353	b2699	REV	2820730	2821791	pORF_-_2820730	inside	npORF_-_2820730	2820730	2821791	equal
EG13396	hycI	156	b2717	REV	2840595	2841065	pORF_-_2840595	equal	npORF_-_2840595	2840595	2841029	inside
EG10478	hycE	569	b2721	REV	2842784	2844493						
EG10689	pcm	208	b2743	REV	2866915	2867541	pORF_-_2866915	equal	npORF_-_2866915	2866915	2867541	equal
EG13109	truD	349	b2745	REV	2868277	2869326	pORF_-_2868277	equal	npORF_-_2868277	2868277	2869326	equal
EG13110	ispD	236	b2747	REV	2869802	2870512	pORF_-_2869802	equal	npORF_-_2869802	2869802	2870512	equal
EG10185	cysC	201	b2750	REV	2871409	2872014	pORF_-_2871409	equal	npORF_-_2871409	2871409	2872014	equal
EG10194	cysN	475	b2751	REV	2872014	2873441	pORF_-_2872014	equal	npORF_-_2872014	2872014	2873441	equal
EG10186	cysD	302	b2752	REV	2873443	2874351	pORF_-_2873443	equal	npORF_-_2873443	2873443	2874351	equal
EG10189	cysH	244	b2762	REV	2885600	2886334	pORF_-_2885600	inside	npORF_-_2885600	2885600	2886334	equal
EG10190	cysI	570	b2763	REV	2886409	2888121	pORF_-_2886409	equal	npORF_-_2886409	2886409	2888121	equal
EG10191	cysJ	599	b2764	REV	2888121	2889920	pORF_-_2888121	equal	npORF_-_2888121	2888121	2889920	equal
EG10258	eno	432	b2779	REV	2904665	2905963	pORF_-_2904665	equal	npORF_-_2904665	2904665	2905963	equal
EG10810	pyrG	545	b2780	REV	2906051	2907688	pORF_-_2906051	equal	npORF_-_2906051	2906051	2907688	equal
EG13167	gudD	446	b2787	REV	2916067	2917407	pORF_-_2916067	inside	npORF_-_2916067	2916067	2917287	inside
EG12959	syd	181	b2793	REV	2922757	2923302	pORF_-_2922757	equal	npORF_-_2922757	2922757	2923005	inside
EG10826	recD	608	b2819	REV	2948657	2950483	pORF_-_2948657	equal	npORF_-_2948657	2948657	2949559	inside

EG10824	recB	1180	b2820	REV	2950483	2954025	pORF_-_2950483	inside	npORF_-_2950483	2950483	2953182	inside
EG10825	recC	1122	b2822	REV	2957082	2960450	pORF_-_2957082	equal	npORF_-_2957082	2957082	2960147	inside
EG11002	thyA	264	b2827	REV	2962383	2963177	pORF_-_2962383	equal	npORF_-_2962383	2962383	2963177	equal
EG13096	kduI	278	b2843	REV	2981310	2982146						
EG10552	lysS	505	b2890	REV	3031679	3033196	pORF_-_3031679	equal	npORF_-_3031679	3031679	3033196	equal
EG10762	prfB	365	b2891	REV	3033206	3034304						
EG11070	dsbC	236	b2893	REV	3036134	3036844	pORF_-_3036134	equal	npORF_-_3036134	3036134	3036817	inside
EG11071	xerD	298	b2894	REV	3036869	3037765	pORF_-_3036869	equal	npORF_-_3036869	3036869	3037441	inside
EG11810	gcvP	957	b2903	REV	3044190	3047063	pORF_-_3044190	equal	npORF_-_3044190	3044190	3047063	equal
EG10371	gcvH	129	b2904	REV	3047182	3047571	pORF_-_3047182	inside	npORF_-_3047182	3047182	3047571	equal
EG11442	gcvT	364	b2905	REV	3047595	3048689	pORF_-_3047595	equal	npORF_-_3047595	3047595	3048689	equal
EG10697	pepP	441	b2908	REV	3051537	3052862	pORF_-_3051537	inside	npORF_-_3051537	3051537	3052862	equal
EG10944	serA	410	b2913	REV	3055200	3056432	pORF_-_3055200	equal	npORF_-_3055200	3055200	3056432	equal
EG11443	rpiA	219	b2914	REV	3056688	3057347	pORF_-_3056688	inside	npORF_-_3056688	3056688	3057347	equal
EG10703	pgk	387	b2926	REV	3069481	3070644	pORF_-_3069481	inside	npORF_-_3069481	3069481	3070644	equal
EG10368	epd	339	b2927	REV	3070694	3071713	pORF_-_3070694	inside	npORF_-_3070694	3070694	3071713	equal
EG11427	tktA	663	b2935	REV	3077666	3079657	pORF_-_3077666	inside	npORF_-_3077666	3077666	3079657	equal
EG10046	ansB	348	b2957	REV	3097704	3098750	pORF_-_3097704	equal	npORF_-_3097704	3097704	3097883	inside
EG20080	glcB	723	b2976	REV	3119656	3121827	pORF_-_3119656	equal	npORF_-_3119656	3119656	3121827	equal
EG11801	hybC	567	b2994	REV	3139308	3141011	pORF_-_3139308	equal	npORF_-_3139308	3139308	3139859	inside
EG13006	hybO	372	b2997	REV	3143165	3144283						
EG11376	ftsP	470	b3017	REV	3159279	3160691	pORF_-_3159279	equal	npORF_-_3159279	3159279	3160334	inside
EG11377	plsC	245	b3018	REV	3160766	3161503	pORF_-_3160766	equal	npORF_-_3160766	3160766	3161161	inside
EG13025	ygiW	130	b3024	REV	3167306	3167698	pORF_-_3167306	inside	npORF_-_3167306	3167306	3167644	inside
EG12187	cpdA	275	b3032	REV	3174028	3174855	pORF_-_3174028	equal	npORF_-_3174028	3174028	3174855	equal
EG12184	nudF	209	b3034	REV	3175303	3175932	pORF_-_3175303	equal	npORF_-_3175303	3175303	3175932	equal
EG10465	ribB	217	b3041	REV	3181835	3182488	pORF_-_3181835	equal	npORF_-_3181835	3181835	3182488	equal
EG11673	folB	122	b3058	REV	3202243	3202611						
EG10990	tdcB	329	b3117	REV	3263061	3264050	pORF_-_3263061	equal	npORF_-_3263061	3263061	3263276	inside
EG10016	garL	256	b3126	REV	3270809	3271579						
EG10215	deaD	629	b3162	REV	3303993	3305882	pORF_-_3303993	inside	npORF_-_3303993	3303993	3305882	equal
EG10743	pnp	711	b3164	REV	3307055	3309190	pORF_-_3307055	inside	npORF_-_3307055	3307055	3309190	equal
EG10914	rpsO	89	b3165	REV	3309437	3309706	pORF_-_3309437	equal	npORF_-_3309437	3309437	3309871	inside
EG11177	truB	314	b3166	REV	3309855	3310799	pORF_-_3309855	equal	npORF_-_3309855	3309855	3310706	inside
EG11178	rbfA	133	b3167	REV	3310799	3311200	pORF_-_3310799	inside	npORF_-_3310799	3310799	3311200	equal
EG10505	infB	890	b3168	REV	3311364	3314036	pORF_-_3311364	equal	npORF_-_3311364	3311364	3314036	equal
EG10665	nusA	495	b3169	REV	3314061	3315548	pORF_-_3314061	equal	npORF_-_3314061	3314061	3315548	equal
EG11553	glmM	445	b3176	REV	3320755	3322092	pORF_-_3320755	equal	npORF_-_3320755	3320755	3322092	equal
EG50011	folP	282	b3177	REV	3322085	3322933	pORF_-_3322085	inside	npORF_-_3322085	3322085	3322933	equal
EG10415	greA	158	b3181	REV	3326261	3326737	pORF_-_3326261	equal	npORF_-_3326261	3326261	3326737	equal
EG50002	rpmA	85	b3185	REV	3330884	3331141	pORF_-_3330884	equal	npORF_-_3330884	3330884	3331141	equal
EG50001	rplU	103	b3186	REV	3331162	3331473	pORF_-_3331162	inside	npORF_-_3331162	3331162	3331473	equal
EG11358	murA	419	b3189	REV	3333257	3334516	pORF_-_3333257	equal	npORF_-_3333257	3333257	3334516	equal
EG11383	elbB	217	b3209	REV	3347828	3348481	pORF_-_3347828	inside	npORF_-_3347828	3347828	3348406	inside
EG10637	nanA	297	b3225	REV	3370705	3371598	pORF_-_3370705	equal	npORF_-_3370705	3370705	3371598	equal
EG10978	sspB	165	b3228	REV	3374301	3374798	pORF_-_3374301	equal	npORF_-_3374301	3374301	3374798	equal

EG10977	sspA	212	b3229	REV	3374804	3375442	pORF_-_3374804	equal	npORF_-_3374804	3374804	3375442	equal
EG10908	rpsI	130	b3230	REV	3375837	3376229	pORF_-_3375837	equal	npORF_-_3375837	3375837	3376229	equal
EG10874	rplM	142	b3231	REV	3376245	3376673	pORF_-_3376245	inside	npORF_-_3376245	3376245	3376673	equal
EG10576	mdh	312	b3236	REV	3381352	3382290	pORF_-_3381352	inside	npORF_-_3381352	3381352	3382290	equal
EG11299	rng	489	b3247	REV	3394348	3395817	pORF_-_3394348	inside	npORF_-_3394348	3394348	3395817	equal
EG10608	mreB	347	b3251	REV	3398066	3399109	pORF_-_3398066	inside	npORF_-_3398066	3398066	3399106	inside
EG10077	aroE	272	b3281	REV	3428042	3428860	pORF_-_3428042	inside	npORF_-_3428042	3428042	3428860	equal
EG10878	rplQ	127	b3294	REV	3437638	3438021	pORF_-_3437638	equal	npORF_-_3437638	3437638	3438021	equal
EG10893	rpoA	329	b3295	REV	3438062	3439051	pORF_-_3438062	equal	npORF_-_3438062	3438062	3439051	equal
EG10903	rpsD	206	b3296	REV	3439077	3439697	pORF_-_3439077	equal	npORF_-_3439077	3439077	3439697	equal
EG10910	rpsK	129	b3297	REV	3439731	3440120	pORF_-_3439731	equal	npORF_-_3439731	3439731	3440120	equal
EG10912	rpsM	118	b3298	REV	3440137	3440493	pORF_-_3440137	equal	npORF_-_3440137	3440137	3440493	equal
EG11232	rpmJ	38	b3299	REV	3440640	3440756	pORF_-_3440640	equal	npORF_-_3440640	3440640	3440684	inside
EG10876	rplO	144	b3301	REV	3442127	3442561	pORF_-_3442127	equal	npORF_-_3442127	3442127	3442561	equal
EG10888	rpmD	59	b3302	REV	3442565	3442744	pORF_-_3442565	equal	npORF_-_3442565	3442565	3442744	equal
EG10904	rpsE	167	b3303	REV	3442748	3443251	pORF_-_3442748	equal	npORF_-_3442748	3442748	3443251	equal
EG10879	rplR	117	b3304	REV	3443266	3443619	pORF_-_3443266	equal	npORF_-_3443266	3443266	3443619	equal
EG10869	rplF	177	b3305	REV	3443629	3444162	pORF_-_3443629	equal	npORF_-_3443629	3443629	3444162	equal
EG10907	rpsH	130	b3306	REV	3444175	3444567	pORF_-_3444175	equal	npORF_-_3444175	3444175	3444567	equal
EG10913	rpsN	101	b3307	REV	3444601	3444906	pORF_-_3444601	equal	npORF_-_3444601	3444601	3444906	equal
EG10868	rplE	179	b3308	REV	3444921	3445460	pORF_-_3444921	equal	npORF_-_3444921	3444921	3445460	equal
EG10884	rplX	104	b3309	REV	3445475	3445789	pORF_-_3445475	equal	npORF_-_3445475	3445475	3445789	equal
EG10875	rplN	123	b3310	REV	3445800	3446171	pORF_-_3445800	equal	npORF_-_3445800	3445800	3446171	equal
EG10916	rpsQ	84	b3311	REV	3446336	3446590	pORF_-_3446336	equal	npORF_-_3446336	3446336	3446590	equal
EG10887	rpmC	63	b3312	REV	3446590	3446781	pORF_-_3446590	equal	npORF_-_3446590	3446590	3446781	equal
EG10877	rplP	136	b3313	REV	3446781	3447191	pORF_-_3446781	equal	npORF_-_3446781	3446781	3447158	inside
EG10902	rpsC	233	b3314	REV	3447204	3447905	pORF_-_3447204	equal	npORF_-_3447204	3447204	3447905	equal
EG10882	rplV	110	b3315	REV	3447923	3448255	pORF_-_3447923	equal	npORF_-_3447923	3447923	3448255	equal
EG10918	rpsS	92	b3316	REV	3448270	3448548	pORF_-_3448270	equal	npORF_-_3448270	3448270	3448548	equal
EG10865	rplB	273	b3317	REV	3448565	3449386	pORF_-_3448565	equal	npORF_-_3448565	3448565	3449722	inside
EG10883	rplW	100	b3318	REV	3449404	3449706	pORF_-_3449404	equal	npORF_-_3449404	3449404	3449706	equal
EG10867	rplD	201	b3319	REV	3449703	3450308	pORF_-_3449703	equal	npORF_-_3449703	3449703	3450308	equal
EG10866	rplC	209	b3320	REV	3450319	3450948	pORF_-_3450319	equal	npORF_-_3450319	3450319	3450948	equal
EG10909	rpsJ	103	b3321	REV	3450981	3451292	pORF_-_3450981	equal	npORF_-_3450981	3450981	3451292	equal
EG10113	bfr	158	b3336	REV	3464271	3464747	pORF_-_3464271	equal	npORF_-_3464271	3464271	3464747	equal
EG11036	tufA	394	b3339	REV	3468167	3469351	pORF_-_3468167	inside	npORF_-_3468167	3468167	3469351	equal
EG10360	fusA	704	b3340	REV	3469422	3471536	pORF_-_3469422	equal	npORF_-_3469422	3469422	3471536	equal
EG10906	rpsG	179	b3341	REV	3471564	3472103	pORF_-_3471564	equal	npORF_-_3471564	3471564	3472103	equal
EG10911	rpsL	124	b3342	REV	3472200	3472574	pORF_-_3472200	inside	npORF_-_3472200	3472200	3472574	equal
EG12900	fkpA	270	b3347	REV	3474629	3475441	pORF_-_3474629	equal	npORF_-_3474629	3474629	3475402	inside
EG11663	slyD	196	b3349	REV	3475929	3476519	pORF_-_3475929	equal	npORF_-_3475929	3475929	3476519	equal
EG10066	argD	406	b3359	REV	3486982	3488202	pORF_-_3486982	equal	npORF_-_3486982	3486982	3488202	equal
EG10757	ppiA	190	b3363	REV	3489747	3490319	pORF_-_3489747	equal	npORF_-_3489747	3489747	3490253	inside
EG12917	php	292	b3379	REV	3505734	3506612						
EG11030	trpS	334	b3384	REV	3510656	3511660	pORF_-_3510656	equal	npORF_-_3510656	3510656	3511660	equal
EG10081	aroK	173	b3390	REV	3516565	3517086	pORF_-_3516565	inside	npORF_-_3516565	3516565	3517086	equal

EG10560	malP	797	b3417	REV	3548102	3550495	pORF_-_3548102	equal	npORF_-_3548102	3548102	3550495	equal
EG10400	glpR	252	b3423	REV	3557870	3558628	pORF_-_3557870	equal	npORF_-_3557870	3557870	3558628	equal
EG10397	glpG	276	b3424	REV	3558645	3559475	pORF_-_3558645	equal	npORF_-_3558645	3558645	3559475	equal
EG10377	glgA	477	b3429	REV	3564623	3566056	pORF_-_3564623	equal	npORF_-_3564623	3564623	3566056	equal
EG10379	glgC	431	b3430	REV	3566056	3567351	pORF_-_3566056	inside	npORF_-_3566056	3566056	3567351	equal
EG10088	asd	367	b3433	REV	3571798	3572901	pORF_-_3571798	inside	npORF_-_3571798	3571798	3572901	equal
EG12629	gntK	175	b3437	REV	3575088	3575615	pORF_-_3575088	inside	npORF_-_3575088	3575088	3575576	inside
EG10374	ggt	580	b3447	REV	3583104	3584846	pORF_-_3583104	inside	npORF_-_3583104	3583104	3584819	inside
EG11047	ugpB	438	b3453	REV	3589032	3590348	pORF_-_3589032	equal	npORF_-_3589032	3589032	3590279	inside
EG10540	livK	369	b3458	REV	3594474	3595583	pORF_-_3594474	inside	npORF_-_3594474	3594474	3595550	inside
EG10539	livJ	367	b3460	REV	3596578	3597681	pORF_-_3596578	inside	npORF_-_3596578	3596578	3597696	inside
EG10346	ftsY	497	b3464	REV	3600773	3602266	pORF_-_3600773	equal	npORF_-_3600773	3600773	3602266	equal
EG11441	prlC	680	b3498	REV	3641163	3643205	pORF_-_3641163	inside	npORF_-_3641163	3641163	3643205	equal
EG11399	hdeB	108	b3509	REV	3653989	3654315	pORF_-_3653989	inside	npORF_-_3653989	3653989	3654234	inside
EG11398	hdeA	110	b3510	REV	3654431	3654763	pORF_-_3654431	equal	npORF_-_3654431	3654431	3654712	inside
EG50009	gadA	466	b3517	REV	3664203	3665603	pORF_-_3664203	inside	npORF_-_3664203	3664203	3665603	equal
EG12254	yhjJ	498	b3527	REV	3678467	3679963	pORF_-_3678467	equal	npORF_-_3678467	3678467	3679828	inside
EG10248	dppA	535	b3544	REV	3704121	3705728	pORF_-_3704121	equal	npORF_-_3704121	3704121	3705671	inside
EG10410	glyS	689	b3559	REV	3720351	3722420	pORF_-_3720351	equal	npORF_-_3720351	3720351	3722420	equal
EG12292	aldB	512	b3588	REV	3752996	3754534	pORF_-_3752996	inside	npORF_-_3752996	3752996	3754534	equal
EG10942	selB	614	b3590	REV	3756040	3757884	pORF_-_3756040	equal	npORF_-_3756040	3756040	3757884	equal
EG10937	secB	155	b3609	REV	3781684	3782151	pORF_-_3781684	equal	npORF_-_3781684	3781684	3782151	equal
EG12294	grxC	83	b3610	REV	3782214	3782465	pORF_-_3782214	equal	npORF_-_3782214	3782214	3782465	equal
EG10993	tdh	341	b3616	REV	3788343	3789368	pORF_-_3788343	equal	npORF_-_3788343	3788343	3789368	equal
EG10512	kbl	398	b3617	REV	3789378	3790574	pORF_-_3789378	equal	npORF_-_3789378	3789378	3790574	equal
EG10329	mutM	269	b3635	REV	3808366	3809175	pORF_-_3808366	equal	npORF_-_3808366	3808366	3809175	equal
EG10891	rpmG	55	b3636	REV	3809273	3809440	pORF_-_3809273	equal	npORF_-_3809273	3809273	3809440	equal
EG10886	rpmB	78	b3637	REV	3809461	3809697	pORF_-_3809461	equal	npORF_-_3809461	3809461	3809697	equal
EG10808	pyrE	213	b3642	REV	3813150	3813791	pORF_-_3813150	inside	npORF_-_3813150	3813150	3813791	equal
EG10863	rph	238	b3643	REV	3813886	3814572	pORF_-_3813886	inside	npORF_-_3813886	3813886	3814572	equal
EG11051	uhpA	196	b3669	REV	3848159	3848749	pORF_-_3848159	equal	npORF_-_3848159	3848159	3848839	inside
EG11535	ibpB	142	b3686	REV	3864492	3864920	pORF_-_3864492	inside	npORF_-_3864492	3864492	3864920	equal
EG11534	ibpA	137	b3687	REV	3865032	3865445	pORF_-_3865032	inside	npORF_-_3865032	3865032	3865445	equal
EG20050	dgoD	382	b4478	REV	3869873	3871021	pORF_-_3869873	equal	npORF_-_3869873	3869873	3870823	inside
EG10424	gyrB	804	b3699	REV	3875728	3878142	pORF_-_3875728	inside	npORF_-_3875728	3875728	3878142	equal
EG10828	recF	357	b3700	REV	3878171	3879244	pORF_-_3878171	equal	npORF_-_3878171	3878171	3879082	inside
EG10242	dnaN	366	b3701	REV	3879244	3880344	pORF_-_3879244	equal	npORF_-_3879244	3879244	3880344	equal
EG10735	phoU	241	b3724	REV	3904876	3905601	pORF_-_3904876	inside	npORF_-_3904876	3904876	3905601	equal
EG10734	pstS	346	b3728	REV	3908508	3909548	pORF_-_3908508	equal	npORF_-_3908508	3908508	3909482	inside
EG10382	glmS	609	b3729	REV	3909862	3911691	pORF_-_3909862	equal	npORF_-_3909862	3909862	3911691	equal
EG10100	atpC	139	b3731	REV	3913576	3913995	pORF_-_3913576	equal	npORF_-_3913576	3913576	3913995	equal
EG10101	atpD	460	b3732	REV	3914016	3915398	pORF_-_3914016	equal	npORF_-_3914016	3914016	3915398	equal
EG10104	atpG	287	b3733	REV	3915425	3916288	pORF_-_3915425	equal	npORF_-_3915425	3915425	3916327	inside
EG10098	atpA	513	b3734	REV	3916339	3917880	pORF_-_3916339	equal	npORF_-_3916339	3916339	3917880	equal
EG10105	atpH	177	b3735	REV	3917893	3918426	pORF_-_3917893	equal	npORF_-_3917893	3917893	3918426	equal
EG10103	atpF	156	b3736	REV	3918441	3918911	pORF_-_3918441	equal	npORF_-_3918441	3918441	3918824	inside

EG10102	atpE	79	b3737	REV	3918973	3919212	pORF_-_3918973	equal	npORF_-_3918973	3918973	3919164	inside
EG10106	atpI	126	b3739	REV	3920083	3920463						
EG11199	mioC	147	b3742	REV	3924035	3924478	pORF_-_3924035	equal	npORF_-_3924035	3924035	3924478	equal
EG12352	ppiC	93	b3775	REV	3957555	3957836	pORF_-_3957555	equal	npORF_-_3957555	3957555	3957836	equal
EG10844	rhIB	421	b3780	REV	3962388	3963653	pORF_-_3962388	equal	npORF_-_3962388	3962388	3963653	equal
EG10433	hemX	393	b3803	REV	3985908	3987089	pORF_-_3985908	equal	npORF_-_3985908	3985908	3987062	inside
EG10429	hemC	313	b3805	REV	3987848	3988789	pORF_-_3987848	inside	npORF_-_3987848	3987848	3988711	inside
EG10591	metR	317	b3828	REV	4009886	4010839	pORF_-_4009886	equal	npORF_-_4009886	4009886	4010803	inside
EG10278	fadA	387	b3845	REV	4025632	4026795	pORF_-_4025632	equal	npORF_-_4025632	4025632	4026795	equal
EG10279	fadB	729	b3846	REV	4026805	4028994	pORF_-_4026805	inside	npORF_-_4026805	4026805	4028994	equal
EG11828	mobB	175	b3856	REV	4038929	4039456						
EG11829	mobA	194	b3857	REV	4039438	4040022	pORF_-_4039438	equal	npORF_-_4039438	4039438	4039872	inside
EG10387	glnL	349	b3869	REV	4053313	4054362	pORF_-_4053313	equal	npORF_-_4053313	4053313	4054032	inside
EG10383	glnA	469	b3870	REV	4054648	4056057	pORF_-_4054648	equal	npORF_-_4054648	4054648	4056057	equal
EG13374	ompL	230	b3875	REV	4061626	4062318						
EG11015	tpiA	255	b3919	REV	4108763	4109530	pORF_-_4108763	equal	npORF_-_4108763	4108763	4109530	equal
EG11518	fpr	248	b3924	REV	4111749	4112495	pORF_-_4111749	equal	npORF_-_4111749	4111749	4112462	inside
EG10398	glpK	502	b3926	REV	4113737	4115245	pORF_-_4113737	inside	npORF_-_4113737	4113737	4115266	inside
EG11676	hslV	176	b3932	REV	4119780	4120310	pORF_-_4119780	equal	npORF_-_4119780	4119780	4120310	equal
EG10763	priA	732	b3935	REV	4122635	4124833	pORF_-_4122635	inside	npORF_-_4122635	4122635	4124833	equal
EG10588	metJ	105	b3938	REV	4126101	4126418	pORF_-_4126101	inside	npORF_-_4126101	4126101	4126418	equal
EG11428	sthA	466	b3962	REV	4157413	4158813	pORF_-_4157413	equal	npORF_-_4157413	4157413	4158813	equal
EG11022	trmA	366	b3965	REV	4160193	4161293	pORF_-_4160193	equal	npORF_-_4160193	4160193	4161293	equal
EG11738	rsd	158	b3995	REV	4194355	4194831	pORF_-_4194355	equal	npORF_-_4194355	4194355	4194693	inside
EG11918	zraP	141	b4002	REV	4199286	4199711						
EG10795	purH	529	b4006	REV	4203966	4205555	pORF_-_4203966	equal	npORF_-_4203966	4203966	4205555	equal
EG10491	iclR	274	b4018	REV	4220827	4221651	pORF_-_4220827	inside	npORF_-_4220827	4220827	4221651	equal
EG10550	lysC	449	b4024	REV	4229907	4231256	pORF_-_4229907	equal	npORF_-_4229907	4229907	4231256	equal
EG10554	malE	396	b4034	REV	4243252	4244442	pORF_-_4243252	equal	npORF_-_4243252	4243252	4244388	inside
EG10740	plsB	807	b4041	REV	4252066	4254489	pORF_-_4252066	inside	npORF_-_4252066	4252066	4254489	equal
EG11929	zur	171	b4046	REV	4257511	4258026	pORF_-_4257511	inside	npORF_-_4257511	4257511	4257933	inside
EG11061	uvrA	940	b4058	REV	4269072	4271894	pORF_-_4269072	equal	npORF_-_4269072	4269072	4271894	equal
EG10958	soxS	107	b4062	REV	4275083	4275406						
EG10285	fdhF	715	b4079	REV	4295242	4297389						
EG11501	adiA	755	b4117	REV	4336277	4338544	pORF_-_4336277	inside	npORF_-_4336277	4336277	4337947	inside
EG10553	lysU	505	b4129	REV	4351223	4352740	pORF_-_4351223	inside	npORF_-_4351223	4351223	4352740	equal
EG10131	cadA	715	b4131	REV	4354493	4356640	pORF_-_4354493	inside	npORF_-_4354493	4354493	4355458	inside
EG12178	dsbD	565	b4136	REV	4361368	4363065	pORF_-_4361368	inside	npORF_-_4361368	4361368	4361514	inside
EG10095	aspA	478	b4139	REV	4364914	4366350	pORF_-_4364914	inside	npORF_-_4364914	4364914	4366350	equal
EG10040	ampC	377	b4150	REV	4375834	4376967	pORF_-_4375834	inside	npORF_-_4375834	4375834	4376967	equal
EG10331	frdB	244	b4153	REV	4377806	4378540	pORF_-_4377806	inside	npORF_-_4377806	4377806	4378507	inside
EG10775	psd	322	b4160	REV	4387415	4388383	pORF_-_4387415	equal	npORF_-_4387415	4387415	4388383	equal
EG10160	cpdB	647	b4213	REV	4432645	4434588	pORF_-_4432645	inside	npORF_-_4432645	4432645	4434540	inside
EG12510	ytfJ	184	b4216	REV	4436731	4437285	pORF_-_4436731	equal	npORF_-_4436731	4436731	4436949	inside
EG11433	msrA	212	b4219	REV	4439561	4440199	pORF_-_4439561	inside	npORF_-_4439561	4439561	4440199	equal
EG10755	ppa	176	b4226	REV	4447145	4447675	pORF_-_4447145	equal	npORF_-_4447145	4447145	4447675	equal

EG11417	nrdD	712	b4238	REV	4458545	4460683	pORF_-_4458545	equal	npORF_-_4458545	4458545	4460476	inside
EG12524	yjgF	128	b4243	REV	4468550	4468936	pORF_-_4468550	inside	npORF_-_4468550	4468550	4468936	equal
EG10811	pyrI	153	b4244	REV	4469009	4469470	pORF_-_4469009	equal	npORF_-_4469009	4469009	4469470	equal
EG10805	pyrB	311	b4245	REV	4469483	4470418	pORF_-_4469483	equal	npORF_-_4469483	4469483	4470418	equal
EG10069	argI	334	b4254	REV	4475330	4476334	pORF_-_4475330	equal	npORF_-_4475330	4475330	4476334	equal
EG11067	valS	951	b4258	REV	4479005	4481860	pORF_-_4479005	equal	npORF_-_4479005	4479005	4481860	equal
EG11413	holC	147	b4259	REV	4481860	4482303	pORF_-_4481860	equal	npORF_-_4481860	4481860	4482189	inside
EG10694	pepA	503	b4260	REV	4482463	4483974	pORF_-_4482463	equal	npORF_-_4482463	4482463	4483974	equal
EG10286	fecA	774	b4291	REV	4512376	4514700	pORF_-_4512376	equal	npORF_-_4512376	4512376	4514664	inside
EG12567	iadA	390	b4328	REV	4556377	4557549	pORF_-_4556377	equal	npORF_-_4556377	4556377	4557549	equal
EG10575	mcrC	348	b4345	REV	4574935	4575981	pORF_-_4574935	inside	npORF_-_4574935	4574935	4576092	inside
EG10574	mcrB	459	b4346	REV	4575981	4577360	pORF_-_4575981	inside	npORF_-_4575981	4575981	4576877	inside
EG10237	dnaC	245	b4361	REV	4598261	4598998	pORF_-_4598261	equal	npORF_-_4598261	4598261	4598842	inside
EG10244	dnaT	179	b4362	REV	4599001	4599540	pORF_-_4599001	inside	npORF_-_4599001	4599001	4599450	inside
EG12596	rsmC	343	b4371	REV	4604692	4605723	pORF_-_4604692	equal	npORF_-_4604692	4604692	4605723	equal
EG11796	lplA	338	b4386	REV	4621124	4622140	pORF_-_4621124	equal	npORF_-_4621124	4621124	4621960	inside
EG12343	yjjK	555	b4391	REV	4626878	4628545	pORF_-_4626878	equal	npORF_-_4626878	4626878	4628545	equal
EG11366	rob	289	b4396	REV	4632464	4633333	pORF_-_4632464	equal	npORF_-_4632464	4632464	4633333	equal
EG10061	arcA	238	b4401	REV	4637613	4638329	pORF_-_4637613	equal	npORF_-_4637613	4637613	4638329	equal

Supplementary Table 10: Mapping pORFs to RTSs. Abbreviations: U, uncharacterized ORF

pORF	bnum	Gene	Note	RTS
pORF_+_337	b0002	thrA		RTS_R4+_1
pORF_+_2801	b0003	thrB		RTS_R4+_2
pORF_+_3734	b0004	thrC		RTS_R4+_2
pORF_+_8175	b0008	talB		RTS_R4+_4
pORF_+_9303	b0009	mog	U	RTS_R4+_5
pORF_+_12163	b0014	dnaK		RTS_R4+_6
pORF_+_14138	b0015	dnaJ		RTS_R4+_7
pORF_+_15439	b0016	insL		RTS_R4+_8
pORF_+_21407	b0025	ribF		RTS_R4+_13
pORF_+_22391	b0026	ileS		RTS_R4+_13
pORF_+_25826	b0028	fkpB		RTS_R4+_15
pORF_+_26193	b0029	ispH		RTS_R4+_15
pORF_+_27293	b0030	rihC		RTS_R4+_15
pORF_+_28374	b0031	dapB		RTS_R4+_16
pORF_+_29624	b0032	carA		RTS_R4+_17
pORF_+_30817	b0033	carB		RTS_R4+_17
pORF_+_34195	b0034	caiF		RTS_R4+_18
pORF_+_44180	b0043	fixC	U	
pORF_+_47246	b0046	kefF		RTS_R4+_19
pORF_+_47673	b0047	kefC		RTS_R4+_19
pORF_+_49688	b0048	folA		RTS_R4+_20
pORF_+_57319	b0055	djIA		RTS_R4+_21
pORF_+_70336	b0064	araC		RTS_R4+_23
pORF_+_85540	b0077	ilvI		RTS_R4+_27
pORF_+_87327	b0078	ilvH		RTS_R4+_27
pORF_+_88028	b0080	fruR		RTS_R4+_28
pORF_+_89598	b0081	mraZ	U	RTS_R4+_29
pORF_+_89965	b0082	mraW		RTS_R4+_30
pORF_+_91032	b0083	ftsL		RTS_R4+_32
pORF_+_93166	b0085	murE		RTS_R4+_33
pORF_+_94650	b0086	murF		RTS_R4+_33
pORF_+_97087	b0088	murD		RTS_R4+_33
pORF_+_98400	b0089	ftsW		RTS_R4+_33
pORF_+_99644	b0090	murG		RTS_R4+_33
pORF_+_100765	b0091	murC		RTS_R4+_34
pORF_+_102233	b0092	ddlB		RTS_R4+_34
pORF_+_103155	b0093	ftsQ		RTS_R4+_35
pORF_+_103982	b0094	ftsA		RTS_R4+_35
pORF_+_105305	b0095	ftsZ		RTS_R4+_36
pORF_+_106557	b0096	lpxC		RTS_R4+_37
pORF_+_108279	b0098	secA		RTS_R4+_39
pORF_+_113444	b0104	guaC		RTS_R4+_40
pORF_+_118733	b0110	ampD		RTS_R4+_41
pORF_+_119242	b0111	ampE	U	RTS_R4+_41
pORF_+_122059	b0113	pdhR		RTS_R4+_42
pORF_+_123017	b0114	aceE		RTS_R4+_43
pORF_+_125695	b0115	aceF		RTS_R4+_43
pORF_+_127879	b0116	lpd		RTS_R4+_44
pORF_+_131462	b0118	acnB		RTS_R4+_47
pORF_+_134340	b0119	yacl	U	RTS_R4+_48
pORF_+_137044	b0123	cueO		RTS_R4+_49
pORF_+_141356	b0125	hpt		RTS_R4+_50
pORF_+_142779	b0127	yadG	U	RTS_R4+_51
pORF_+_162060	b0148	hrpB	U	RTS_R4+_54
pORF_+_164715	b0149	mrcB		RTS_R4+_55
pORF_+_167484	b0150	fhuA		RTS_R4+_56
pORF_+_169736	b0151	fhuC		RTS_R4+_57
pORF_+_170572	b0152	fhuD		RTS_R4+_57
pORF_+_171462	b0153	fhuB		RTS_R4+_57
pORF_+_176577	b0156	erpA	U	RTS_R4+_59
pORF_+_179237	b0160	dgt		RTS_R4+_60

pORF+_180884	b0161	degP		RTS_R4+_61
pORF+_189676	b0169	rpsB		RTS_R4+_64
pORF+_190857	b0170	tsf		RTS_R4+_64
pORF+_191855	b0171	pyrH		RTS_R4+_65
pORF+_192872	b0172	frr		RTS_R4+_66
pORF+_193521	b0173	dxr		RTS_R4+_66
pORF+_194903	b0174	ispU		RTS_R4+_67
pORF+_196501	b0176	rseP		RTS_R4+_68
pORF+_197928	b0177	bamA	U	RTS_R4+_69
pORF+_200482	b0178	skp		RTS_R4+_70
pORF+_200971	b0179	lpxD		RTS_R4+_70
pORF+_202008	b0180	fabZ		RTS_R4+_71
pORF+_202560	b0181	lpxA		RTS_R4+_71
pORF+_203348	b0182	lpxB		RTS_R4+_71
pORF+_205126	b0184	dnaE		RTS_R4+_71
pORF+_208621	b0185	accA		RTS_R4+_72
pORF+_209679	b0186	ldcC		RTS_R4+_73
pORF+_211850	b0187	yaeR	U	RTS_R4+_74
pORF+_212331	b0188	tilS		RTS_R4+_74
pORF+_215269	b0192	nlpE		RTS_R4+_76
pORF+_222833	b0200	gmhB		RTS_R4+_77
pORF+_229167	b0207	dkgB		RTS_R4+_80
pORF+_231122	b0209	yafD	U	RTS_R4+_81
pORF+_236058	b0215	dnaQ		RTS_R4+_83
pORF+_239154	b4503	yafF	U	
pORF+_240343	b0220	ivy		RTS_R4+_85
pORF+_243510	b0222	lpcA		RTS_R4+_86
pORF+_244312	b0223	yafJ	U	RTS_R4+_86
pORF+_249937	b0230	lafU	U	RTS_R4+_89
pORF+_255977	b0238	gpt		RTS_R4+_93
pORF+_256527	b0239	frsA		RTS_R4+_94
pORF+_257829	b0240	crl		RTS_R4+_95
pORF+_259525	b0242	proB		RTS_R4+_96
pORF+_260727	b0243	proA		RTS_R4+_96
pORF+_265665				
pORF+_274525	b0260	mmuP	U	RTS_R4+_101
pORF+_275795	b0261	mmuM		RTS_R4+_101
pORF+_281481	b0268	yagE	U	
pORF+_282404	b0269	yagF	U	
pORF+_284619	b0270	yagG	U	
pORF+_302215	b0287	yagU	U	RTS_R4+_108
pORF+_314506	b0298	insE		RTS_R4+_110
pORF+_314811	b0299	insF		RTS_R4+_110
pORF+_320832	b0306	ykgE	U	RTS_R4+_112
pORF+_321562	b0307	ykgF	U	RTS_R4+_112
pORF+_322829	b0308	ykgG	U	RTS_R4+_112
pORF+_331589	b0315	yahA	U	RTS_R4+_115
pORF+_334504	b0318	yahD	U	RTS_R4+_116
pORF+_335149	b0319	yahE	U	RTS_R4+_116
pORF+_336002	b0320	yahF	U	RTS_R4+_116
pORF+_337549	b0321	yahG	U	RTS_R4+_116
pORF+_339389	b0323	yahI	U	RTS_R4+_117
pORF+_340349	b0324	yahJ	U	RTS_R4+_118
pORF+_342108	b0325	yahK	U	RTS_R4+_119
pORF+_345708	b0329	yahO	U	RTS_R4+_121
pORF+_347906	b0331	prpB		RTS_R4+_122
pORF+_349236	b0333	prpC		RTS_R4+_122
pORF+_350439	b0334	prpD		RTS_R4+_122
pORF+_352003				RTS_R4+_122
pORF+_352501				RTS_R4+_122
pORF+_354146	b0336	codB		RTS_R4+_123
pORF+_355380	b0337	codA		RTS_R4+_123
pORF+_370400	b0349	mhpC		RTS_R4+_124

pORF+_374638	b0353	mhpT	U	RTS_R4+_125
pORF+_375879	b0354	yaiL		RTS_R4+_126
pORF+_384399	b0365	tauA		RTS_R4+_129
pORF+_385431	b0366	tauB		RTS_R4+_129
pORF+_386195	b0367	tauC		RTS_R4+_129
pORF+_387019	b0368	tauD		RTS_R4+_129
pORF+_397096	b0378	yaiW	U	RTS_R4+_132
pORF+_400610	b0382	iraP	U	RTS_R4+_134
pORF+_400902	b0383	phoA		RTS_R4+_135
pORF+_402487	b0384	psiF	U	RTS_R4+_135
pORF+_404868	b0387	yaiI	U	RTS_R4+_137
pORF+_405629	b0388	aroL		RTS_R4+_138
pORF+_406203	b0389	yaiA	U	RTS_R4+_139
pORF+_406652	b0390	aroM	U	RTS_R4+_140
pORF+_407401	b0391	yaiE	U	RTS_R4+_141
pORF+_409230	b0394	mak		RTS_R4+_143
pORF+_416366	b0399	phoB		RTS_R4+_145
pORF+_417113	b0400	phoR		RTS_R4+_145
pORF+_420207	b0402	proY	U	RTS_R4+_147
pORF+_421739	b0403	malZ		RTS_R4+_148
pORF+_424235	b0405	queA		RTS_R4+_149
pORF+_425361	b0406	tgt		RTS_R4+_149
pORF+_426481	b0407	yajC		RTS_R4+_151
pORF+_426871	b0408	secD		RTS_R4+_152
pORF+_428684	b0409	secF		RTS_R4+_152
pORF+_432226	b0413	nrdR	U	RTS_R4+_154
pORF+_432679	b0414	ribD		RTS_R4+_154
pORF+_433775	b0415	ribE		RTS_R4+_155
pORF+_434361	b0416	nusB		RTS_R4+_155
pORF+_434858	b0417	thiL		RTS_R4+_155
pORF+_440773	b0423	thiI		RTS_R4+_158
pORF+_443739	b0426	yajQ	U	RTS_R4+_159
pORF+_453663	b0435	bolA		RTS_R4+_160
pORF+_454357	b0436	tig		RTS_R4+_161
pORF+_455901	b0437	clpP		RTS_R4+_162
pORF+_456650	b0438	clpX		RTS_R4+_162
pORF+_458067	b0439	lon		RTS_R4+_163
pORF+_460675	b0440	hupB		RTS_R4+_165
pORF+_461139	b0441	ppiD		RTS_R4+_166
pORF+_463626	b0443	ybaW	U	RTS_R4+_166
pORF+_468095	b0448	mdIA	U	RTS_R4+_168
pORF+_469746	b0449	mdIB	U	RTS_R4+_169
pORF+_471684	b0450	glnK		RTS_R4+_170
pORF+_474603	b0453	ybaY	U	RTS_R4+_172
pORF+_485760	b0465	kefA	U	RTS_R4+_177
pORF+_490582	b0469	apt		RTS_R4+_179
pORF+_491316	b0470	dnaX		RTS_R4+_180
pORF+_493285	b0471	ybaB	U	RTS_R4+_181
pORF+_493629	b0472	recR		RTS_R4+_181
pORF+_494344	b0473	htpG		RTS_R4+_182
pORF+_496339	b0474	adk		RTS_R4+_183
pORF+_497279	b0475	hemH		RTS_R4+_184
pORF+_499349	b0477	gsk		RTS_R4+_185
pORF+_504138	b0480	ushA		RTS_R4+_186
pORF+_507388	b0483	ybaQ	U	RTS_R4+_188
pORF+_510865	b0485	ybaS	U	RTS_R4+_189
pORF+_513217	b0487	cueR		RTS_R4+_190
pORF+_515143	b0490	ybbL	U	RTS_R4+_191
pORF+_518957	b0495	ybbA	U	RTS_R4+_192
pORF+_519640	b0496	ybbP	U	RTS_R4+_192
pORF+_522485	b0497	rhdD	U	RTS_R4+_193
pORF+_532235	b0506	allR		RTS_R4+_196
pORF+_533050	b0507	gcl		RTS_R4+_198

pORF+_534934	b0508	hyi		
pORF+_535810	b0509	glxR		
pORF+_548757	b0520	ylbF	U	
pORF+_553834	b0526	cysS		RTS_R4+_200
pORF+_566056	b0540	insE		RTS_R4+_202
pORF+_566361	b0541	insF		RTS_R4+_202
pORF+_594823	b0572	cusC		
pORF+_596354	b0573	cusF		RTS_R4+_211
pORF+_596702	b0574	cusB		RTS_R4+_211
pORF+_597937	b0575	cusA		RTS_R4+_211
pORF+_601146	b0576	pheP		RTS_R4+_212
pORF+_607282	b0582	insL		RTS_R4+_213
pORF+_611960	b0585	fes		RTS_R4+_214
pORF+_613159	b4511	ybdZ	U	RTS_R4+_214
pORF+_613242	b0586	entF		RTS_R4+_214
pORF+_621523	b0591	entS	U	RTS_R4+_215
pORF+_624096	b0593	entC		RTS_R4+_216
pORF+_625293	b0594	entE		RTS_R4+_216
pORF+_626917	b0595	entB		RTS_R4+_216
pORF+_627744	b0596	entA		RTS_R4+_216
pORF+_628523	b0597	ybdB	U	RTS_R4+_216
pORF+_629117	b0598	cstA		RTS_R4+_217
pORF+_632809	b0600	ybdL		RTS_R4+_218
pORF+_638168	b0605	ahpC		RTS_R4+_219
pORF+_638946	b0606	ahpF		RTS_R4+_219
pORF+_647226				
pORF+_653085	b0620	dpiA		RTS_R4+_221
pORF+_656485	b0623	cspE		RTS_R4+_223
pORF+_658170	b0627	tatE		RTS_R4+_225
pORF+_674241	b0643	ybeL	U	RTS_R4+_227
pORF+_694318	b0662	ubiF		RTS_R4+_228
pORF+_703167	b0679	nagE		RTS_R4+_230
pORF+_705316	b0680	glnS		RTS_R4+_231
pORF+_709013	b0682	ybfN	U	
pORF+_712075	b0687	seqA		RTS_R4+_233
pORF+_712730	b0688	pgm		RTS_R4+_233
pORF+_736123	b0705	ybfL	U	
pORF+_742050	b0710	ybgI	U	RTS_R4+_240
pORF+_742816	b0711	ybgJ	U	RTS_R4+_240
pORF+_743466	b0712	ybgK	U	RTS_R4+_240
pORF+_745158	b0714	nei		RTS_R4+_241
pORF+_754783	b0722	sdhD		RTS_R4+_244
pORF+_755118	b0723	sdhA		RTS_R4+_244
pORF+_756912	b0724	sdhB		RTS_R4+_244
pORF+_757929	b0726	sucA		RTS_R4+_245
pORF+_760745	b0727	sucB		RTS_R4+_245
pORF+_762237	b0728	sucC		RTS_R4+_245
pORF+_763403	b0729	sucD		RTS_R4+_245
pORF+_770678	b0733	cydA		RTS_R4+_247
pORF+_772265	b0734	cydB		RTS_R4+_247
pORF+_773975	b0736	ybgC	U	RTS_R4+_250
pORF+_774376	b0737	tolQ		RTS_R4+_250
pORF+_775072	b0738	tolR		RTS_R4+_250
pORF+_775565	b0739	tolA		RTS_R4+_250
pORF+_776960	b0740	tolB		RTS_R4+_251
pORF+_778266	b0741	pal		RTS_R4+_251
pORF+_778821	b0742	ybgF	U	RTS_R4+_251
pORF+_781308	b0750	nadA		RTS_R4+_255
pORF+_784856	b0754	aroG		RTS_R4+_257
pORF+_794312	b0763	modA		RTS_R4+_260
pORF+_795777	b0765	modC		RTS_R4+_260
pORF+_797809	b0767	pgl		RTS_R4+_262
pORF+_808567	b0775	bioB		RTS_R4+_263

pORF_+_809604	b0776	bioF		RTS_R4+_263
pORF_+_811487	b0778	bioD		RTS_R4+_263
pORF_+_812749	b0779	uvrB		RTS_R4+_264
pORF_+_816186	b0781	moaA		RTS_R4+_265
pORF_+_817278	b0782	moaB		RTS_R4+_266
pORF_+_817793	b0783	moaC		RTS_R4+_266
pORF_+_818208	b0784	moaD		RTS_R4+_266
pORF_+_818518	b0785	moaE		RTS_R4+_266
pORF_+_830095	b0797	rhIE		RTS_R4+_270
pORF_+_834471	b0800	ybiB	U	RTS_R4+_272
pORF_+_835574	b0801	ybiC	U	RTS_R4+_273
pORF_+_841474	b0807	rlmF	U	RTS_R4+_275
pORF_+_849667	b0814	ompX		RTS_R4+_276
pORF_+_852406	b0817	mntR		RTS_R4+_277
pORF_+_855186	b0820	ybiT	U	RTS_R4+_278
pORF_+_862793	b0825	fsaA		RTS_R4+_280
pORF_+_865791	b0828	iaaA		RTS_R4+_281
pORF_+_866635	b0829	gsiA	U	RTS_R4+_281
pORF_+_868367	b0830	gsiB	U	RTS_R4+_281
pORF_+_870190	b0831	gsiC	U	RTS_R4+_281
pORF_+_871113	b0832	gsiD	U	RTS_R4+_282
pORF_+_872124	b0833	yliE	U	RTS_R4+_283
pORF_+_874558	b0834	yliF	U	RTS_R4+_283
pORF_+_879929	b0839	dacC		RTS_R4+_286
pORF_+_890407	b0851	nfsA		RTS_R4+_290
pORF_+_891190	b0852	rimK		RTS_R4+_291
pORF_+_892857	b0854	potF		RTS_R4+_293
pORF_+_894133	b0855	potG		RTS_R4+_293
pORF_+_897741	b0859	rumB		RTS_R4+_295
pORF_+_903816	b0866	ybjQ	U	RTS_R4+_296
pORF_+_904136	b0867	amiD	U	RTS_R4+_296
pORF_+_915696	b0876	ybjD	U	RTS_R4+_299
pORF_+_918431	b0878	macA		RTS_R4+_300
pORF_+_919570	b0879	macB		RTS_R4+_300
pORF_+_922472	b0882	clpA		RTS_R4+_302
pORF_+_931764	b0889	lrp		RTS_R4+_303
pORF_+_932447	b0890	ftsK		RTS_R4+_304
pORF_+_936592	b0891	lolA		RTS_R4+_305
pORF_+_937217	b0892	rarA		RTS_R4+_305
pORF_+_938651	b0893	serS		RTS_R4+_306
pORF_+_940182	b0894	dmsA		RTS_R4+_307
pORF_+_942637	b0895	dmsB		RTS_R4+_307
pORF_+_948891	b0901	ycaK	U	RTS_R4+_310
pORF_+_956876	b0907	serC		RTS_R4+_312
pORF_+_958035	b0908	aroA		RTS_R4+_312
pORF_+_959463	b0909	ycaL	U	RTS_R4+_313
pORF_+_960424	b0910	cmk		RTS_R4+_314
pORF_+_961218	b0911	rpsA		RTS_R4+_315
pORF_+_963051	b0912	ihfB		RTS_R4+_316
pORF_+_963465	b0913	ycaI	U	RTS_R4+_317
pORF_+_965844	b0914	msbA		RTS_R4+_318
pORF_+_967589	b0915	lpxK		RTS_R4+_318
pORF_+_969896	b0917	ycaR	U	RTS_R4+_319
pORF_+_970075	b0918	kdsB		RTS_R4+_319
pORF_+_970975	b0919	ycbJ	U	RTS_R4+_320
pORF_+_972748	b0921	smtA	U	RTS_R4+_321
pORF_+_973542	b0922	mukF		RTS_R4+_321
pORF_+_974818	b0923	mukE		RTS_R4+_321
pORF_+_975549	b0924	mukB	U	RTS_R4+_321
pORF_+_980270	b0925	ycbB	U	RTS_R4+_322
pORF_+_982873	b0927	ycbL	U	RTS_R4+_324
pORF_+_989845	b0932	pepN		RTS_R4+_327
pORF_+_1003964	b0945	pyrD		RTS_R4+_328

pORF+_1005139	b0946	ycbW	U	RTS_R4+_329
pORF+_1007067	b0948	rlmL	U	RTS_R4+_330
pORF+_1009187	b0949	uup	U	RTS_R4+_330
pORF+_1012422	b0951	pqiB		RTS_R4+_331
pORF+_1014119	b0952	ymbA	U	RTS_R4+_331
pORF+_1014938	b0953	rmf		RTS_R4+_332
pORF+_1017708	b0956	ycbG	U	RTS_R4+_333
pORF+_1023601	b0962	helD		RTS_R4+_336
pORF+_1027088	b0965	yccU	U	RTS_R4+_337
pORF+_1029074	b0968	yccX	U	RTS_R4+_338
pORF+_1031335	b0972	hyaA		RTS_R4+_340
pORF+_1032477	b0973	hyaB		RTS_R4+_340
pORF+_1036957	b0978	appC		RTS_R4+_341
pORF+_1039810	b0980	appA		RTS_R4+_342
pORF+_1050684	b0990	cspG		
pORF+_1051290	b4517	gnsA	U	RTS_R4+_344
pORF+_1057259	b0996	torC		RTS_R4+_346
pORF+_1058479	b0997	torA		RTS_R4+_346
pORF+_1064784	b1002	agp		RTS_R4+_348
pORF+_1073438	b1013	rutR	U	RTS_R4+_350
pORF+_1078528	b1015	putP		RTS_R4+_351
pORF+_1081466	b1018	efeO	U	RTS_R4+_352
pORF+_1082599	b1019	efeB	U	RTS_R4+_352
pORF+_1084215	b1020	phoH	U	RTS_R4+_353
pORF+_1094710	b1028	ymdE	U	
pORF+_1097070	b1033	ghrA		RTS_R4+_356
pORF+_1098102	b1034	ycdX	U	RTS_R4+_357
pORF+_1098863	b1035	ycdY	U	RTS_R4+_357
pORF+_1105043	b1045	ymdB	U	RTS_R4+_360
pORF+_1105509	b1046	ymdC	U	RTS_R4+_360
pORF+_1108540	b1048	mdoG		RTS_R4+_361
pORF+_1110056	b1049	mdoH		RTS_R4+_361
pORF+_1115976	b1055	yceA	U	RTS_R4+_362
pORF+_1124785	b1066	rimJ		RTS_R4+_363
pORF+_1125380	b1067	yceH	U	RTS_R4+_363
pORF+_1125996	b1068	yceM	U	RTS_R4+_363
pORF+_1127023	b1069	yceN	U	RTS_R4+_364
pORF+_1131797	b1076	flgE		
pORF+_1133025	b1077	flgF		
pORF+_1134772	b1079	flgH		
pORF+_1135494	b1080	flgI	U	
pORF+_1137601	b1082	flgK		RTS_R4+_365
pORF+_1139256	b1083	flgL		RTS_R4+_365
pORF+_1144163	b1086	rluC		RTS_R4+_366
pORF+_1146017	b1088	yceD	U	RTS_R4+_368
pORF+_1146590	b1089	rpmF		RTS_R4+_369
pORF+_1146844	b1090	plsX		RTS_R4+_370
pORF+_1147982	b1091	fabH		RTS_R4+_371
pORF+_1148951	b1092	fabD		RTS_R4+_371
pORF+_1149893	b1093	fabG		RTS_R4+_371
pORF+_1150838	b1094	acpP		RTS_R4+_372
pORF+_1151162	b1095	fabF		RTS_R4+_373
pORF+_1153335	b1097	yceG	U	RTS_R4+_374
pORF+_1154347	b1098	tmk		RTS_R4+_375
pORF+_1154985	b1099	holB		RTS_R4+_375
pORF+_1155940	b1100	ycfH	U	RTS_R4+_375
pORF+_1157092	b1101	ptsG		RTS_R4+_376
pORF+_1161090	b1103	hinT		RTS_R4+_377
pORF+_1161470	b1104	ycfL	U	RTS_R4+_377
pORF+_1161858	b1105	ycfM	U	RTS_R4+_377
pORF+_1163318	b1107	nagZ		RTS_R4+_378
pORF+_1164309	b1108	ycfP	U	RTS_R4+_379
pORF+_1165281	b1109	ndh		RTS_R4+_380

pORF+_1168296	b1112	bhsA	U	RTS_R4+_382
pORF+_1175701	b1117	lolD		RTS_R4+_383
pORF+_1176543	b1118	lolE		RTS_R4+_383
pORF+_1177756	b1119	nagK		RTS_R4+_384
pORF+_1178743	b1120	cobB		RTS_R4+_384
pORF+_1185025	b1127	pepT		RTS_R4+_385
pORF+_1194346	b1136	icd		RTS_R4+_386
pORF+_1205315	b1152	ymfP	U	
pORF+_1206136	b1153	ymfQ	U	
pORF+_1210636	b4519	icdC	U	RTS_R4+_389
pORF+_1215291	b1165	ymgA	U	RTS_R4+_390
pORF+_1215592	b1166	ariR	U	RTS_R4+_390
pORF+_1225823	b1177	ycgJ	U	RTS_R4+_395
pORF+_1226904	b1179	ycgL	U	RTS_R4+_396
pORF+_1227302	b1180	ycgM	U	RTS_R4+_396
pORF+_1230409	b1184	umuC		RTS_R4+_398
pORF+_1234137	b1187	fadR		RTS_R4+_399
pORF+_1236788	b1189	dadA		RTS_R4+_400
pORF+_1238102	b1190	dadX		RTS_R4+_400
pORF+_1242289	b1193	emtA		RTS_R4+_402
pORF+_1250280	b1201	dhaR	U	RTS_R4+_405
pORF+_1258014	b1205	yehH	U	RTS_R4+_406
pORF+_1262739	b1210	hemA		RTS_R4+_407
pORF+_1264235	b1211	prfA		RTS_R4+_407
pORF+_1265317	b1212	prmC		RTS_R4+_407
pORF+_1267388	b1215	kdsA		RTS_R4+_409
pORF+_1271342	b1217	chaB	U	RTS_R4+_410
pORF+_1279087	b1224	narG		RTS_R4+_414
pORF+_1282139				RTS_R4+_414
pORF+_1282827	b1225	narH		RTS_R4+_414
pORF+_1284362	b1226	narJ		RTS_R4+_414
pORF+_1288429	b1234	rssA	U	RTS_R4+_415
pORF+_1289465	b1235	rssB		RTS_R4+_416
pORF+_1290680	b1236	galU		RTS_R4+_417
pORF+_1292750	b1238	tdk		RTS_R4+_418
pORF+_1299134	b1243	oppA		RTS_R4+_421
pORF+_1300923	b1244	oppB		RTS_R4+_422
pORF+_1302778	b1246	oppD		RTS_R4+_422
pORF+_1303788	b1247	oppF		RTS_R4+_422
pORF+_1309062	b1252	tonB		RTS_R4+_424
pORF+_1312044	b1256	ompW		RTS_R4+_425
pORF+_1322086	b1267	yciO	U	RTS_R4+_427
pORF+_1324876	b1269	rluB		RTS_R4+_430
pORF+_1327356	b1272	sohB	U	RTS_R4+_431
pORF+_1329030	b1274	topA		RTS_R4+_432
pORF+_1331879	b1275	cysB		RTS_R4+_433
pORF+_1333855	b1276	acnA		RTS_R4+_435
pORF+_1338267	b1279	yciS	U	RTS_R4+_437
pORF+_1338582	b1280	yciM	U	RTS_R4+_437
pORF+_1339885	b1281	pyrF		RTS_R4+_438
pORF+_1340679	b1282	yciH	U	RTS_R4+_438
pORF+_1359132	b1298	puuD		RTS_R4+_439
pORF+_1359935	b1299	puuR		RTS_R4+_439
pORF+_1360671	b1300	puuC		RTS_R4+_439
pORF+_1362256	b1301	puuB		RTS_R4+_439
pORF+_1363574	b1302	puuE		RTS_R4+_439
pORF+_1366103	b1304	pspA		RTS_R4+_440
pORF+_1366825	b1305	pspB		RTS_R4+_440
pORF+_1367713	b1308	pspE		RTS_R4+_441
pORF+_1368213	b1309	ycjM	U	RTS_R4+_442
pORF+_1369933	b1310	ycjN	U	RTS_R4+_442
pORF+_1374856	b1315	ycjS	U	RTS_R4+_442
pORF+_1382141	b1321	ycjX	U	RTS_R4+_443

pORF+_1383535	b1322	ycjF	U	RTS_R4+_443
pORF+_1384717	b1323	tyrR		RTS_R4+_444
pORF+_1386912	b1325	ycjG		RTS_R4+_445
pORF+_1391230	b1329	mppA		RTS_R4+_447
pORF+_1394100	b1331	insH		RTS_R4+_448
pORF+_1404003	b1340	ydaL	U	RTS_R4+_451
pORF+_1406074	b1342	ydaN	U	RTS_R4+_452
pORF+_1423838				
pORF+_1425482	b4570	lomR	U	
pORF+_1427067	b1372	stfR	U	RTS_R4+_457
pORF+_1445540	b1385	feaB		RTS_R4+_465
pORF+_1456982	b1395	paaH		
pORF+_1458917	b1397	paaJ	U	RTS_R4+_466
pORF+_1461563	b1399	paaX		RTS_R4+_468
pORF+_1462495	b1400	paaY	U	RTS_R4+_468
pORF+_1463416	b4492	ydbA	U	RTS_R4+_469
pORF+_1472245	b1406	ydbC	U	RTS_R4+_473
pORF+_1473162	b1407	ydbD	U	
pORF+_1481085	b1413	hrpA		RTS_R4+_474
pORF+_1485259	b1414	ydcF	U	RTS_R4+_475
pORF+_1486256	b1415	aldA		RTS_R4+_476
pORF+_1490494	b1421	trg		RTS_R4+_479
pORF+_1493312	b1423	ydcJ	U	RTS_R4+_480
pORF+_1494880	b1424	mdoD		RTS_R4+_481
pORF+_1496947	b1427	rimL		RTS_R4+_483
pORF+_1499586	b1430	tehB	U	RTS_R4+_484
pORF+_1500481	b1431	ydcL	U	RTS_R4+_485
pORF+_1504763	b1435	ydcP	U	RTS_R4+_488
pORF+_1509678	b1440	ydcS	U	RTS_R4+_491
pORF+_1510841	b1441	ydcT	U	RTS_R4+_491
pORF+_1513602	b1444	ydcW		RTS_R4+_492
pORF+_1515672	b1446	ydcY	U	RTS_R4+_494
pORF+_1516958	b1449	yncB	U	RTS_R4+_495
pORF+_1518229	b1450	yncC	U	RTS_R4+_496
pORF+_1521331	b1452	yncE	U	RTS_R4+_497
pORF+_1524964	b1455	yncH	U	
pORF+_1531037	b1461	pptA		RTS_R4+_501
pORF+_1545425				RTS_R4+_503
pORF+_1546061	b1474	fdnG		RTS_R4+_503
pORF+_1548485	b1475	fdnH		
pORF+_1554649	b1482	osmC		RTS_R4+_504
pORF+_1599514	b1513	lsrA		
pORF+_1602071	b1515	lsrD		RTS_R4+_506
pORF+_1603075	b1516	lsrB		RTS_R4+_506
pORF+_1604124	b1517	lsrF		RTS_R4+_507
pORF+_1605023	b1518	lsrG		RTS_R4+_507
pORF+_1605370	b1519	tam		RTS_R4+_508
pORF+_1625526	b1539	ydfG		RTS_R4+_516
pORF+_1626376	b1540	ydfH	U	RTS_R4+_517
pORF+_1627239	b1541	ydfZ	U	RTS_R4+_518
pORF+_1631646	b1545	pinQ	U	
pORF+_1639879	b1558	cspF		
pORF+_1645958	b1570	dicA	U	RTS_R4+_524
pORF+_1653832	b1583	ynfB	U	RTS_R4+_528
pORF+_1654208	b1584	speG		RTS_R4+_528
pORF+_1655547	b1586	ynfD	U	RTS_R4+_529
pORF+_1656093	b1587	ynfE		RTS_R4+_530
pORF+_1658577	b1588	ynfF		RTS_R4+_531
pORF+_1661014	b1589	ynfG		RTS_R4+_532
pORF+_1662521	b1591	dmsD		RTS_R4+_533
pORF+_1669373	b1597	asr		RTS_R4+_536
pORF+_1669984	b1598	ydgD	U	RTS_R4+_537
pORF+_1676451	b1604	ydgH	U	RTS_R4+_539

pORF+_1680123	b1608	rstA		RTS_R4+_541
pORF+_1680906	b1609	rstB		RTS_R4+_541
pORF+_1682271	b1610	tus		RTS_R4+_542
pORF+_1686522	b1613	manA		RTS_R4+_543
pORF+_1687876	b1614	ydgA	U	RTS_R4+_544
pORF+_1697016	b1621	malX		RTS_R4+_545
pORF+_1698981	b1622	malY		RTS_R4+_546
pORF+_1700257	b1623	add		RTS_R4+_547
pORF+_1704943	b1629	rsxC	U	RTS_R4+_552
pORF+_1707166	b1630	rsxD	U	RTS_R4+_552
pORF+_1708228	b1631	rsxG	U	RTS_R4+_552
pORF+_1709547	b1633	nth		RTS_R4+_552
pORF+_1710793	b1634	tppB	U	RTS_R4+_553
pORF+_1712401	b1635	gst		RTS_R4+_554
pORF+_1717900	b1641	slyB		RTS_R4+_555
pORF+_1720145	b1645	ydhK	U	RTS_R4+_556
pORF+_1724683	b1650	nemA		RTS_R4+_557
pORF+_1725861	b1651	gloA		RTS_R4+_558
pORF+_1726371	b1652	rnt		RTS_R4+_559
pORF+_1733402	b1656	sodB		RTS_R4+_561
pORF+_1735868	b1658	purR		RTS_R4+_562
pORF+_1739437	b1661	cfa		RTS_R4+_564
pORF+_1741481	b1663	mdtK		RTS_R4+_565
pORF+_1744724	b1667	ydhR	U	RTS_R4+_567
pORF+_1745155	b1668	ydhS	U	RTS_R4+_568
pORF+_1753506	b1676	pykF		RTS_R4+_569
pORF+_1755445	b1677	lpp		RTS_R4+_570
pORF+_1767098	b1688	ydiK	U	RTS_R4+_571
pORF+_1771813	b1692	ydiB		RTS_R4+_573
pORF+_1772710	b1693	aroD		RTS_R4+_573
pORF+_1785469	b1703	ydiA	U	RTS_R4+_575
pORF+_1786336	b1704	aroH		RTS_R4+_576
pORF+_1804391	b1723	pfkB		RTS_R4+_580
pORF+_1805424	b1724	ydiZ	U	RTS_R4+_581
pORF+_1805820	b1725	yniA	U	RTS_R4+_582
pORF+_1807404	b1727	yniC	U	RTS_R4+_583
pORF+_1808958	b1729	ydjN	U	RTS_R4+_585
pORF+_1811891	b1732	katE		RTS_R4+_586
pORF+_1820482	b1740	nadE		RTS_R4+_587
pORF+_1830440	b1749	xthA		RTS_R4+_589
pORF+_1831978	b1751	ydjY	U	RTS_R4+_591
pORF+_1833539	b1753	ynjA	U	RTS_R4+_592
pORF+_1834094	b1754	ynjB	U	RTS_R4+_592
pORF+_1837476	b1757	ynjE	U	RTS_R4+_592
pORF+_1840395	b1761	gdhA		RTS_R4+_594
pORF+_1846717	b1766	sppA		RTS_R4+_595
pORF+_1848884	b1767	ansA		RTS_R4+_596
pORF+_1849893	b1768	pncA		RTS_R4+_596
pORF+_1860786	b1779	gapA		RTS_R4+_598
pORF+_1861853	b1780	yeaD	U	RTS_R4+_599
pORF+_1864932	b1783	yeaG	U	RTS_R4+_600
pORF+_1866979	b1784	yeaH	U	RTS_R4+_600
pORF+_1871598	b1787	yeaK	U	RTS_R4+_603
pORF+_1874912	b1792	yeaO	U	RTS_R4+_605
pORF+_1875610	b1794	yeaP	U	RTS_R4+_606
pORF+_1879936	b1800	yeaU	U	RTS_R4+_607
pORF+_1891343	b1809	yoaB	U	RTS_R4+_608
pORF+_1892097	b1810	yoaC	U	RTS_R4+_609
pORF+_1892829	b1812	pabB		RTS_R4+_610
pORF+_1894194	b1813	nudL	U	RTS_R4+_610
pORF+_1894956	b1814	sdaA		RTS_R4+_611
pORF+_1900072	b1817	manX		RTS_R4+_613
pORF+_1901106	b1818	manY		RTS_R4+_614

pORF+_1901910	b1819	manZ		RTS_R4+_614
pORF+_1906949	b4536	yobH	U	RTS_R4+_618
pORF+_1914282	b1833	yebS	U	RTS_R4+_619
pORF+_1915492	b1834	yebT	U	RTS_R4+_620
pORF+_1918241	b1835	rsmF	U	RTS_R4+_621
pORF+_1919789	b1836	yebV	U	RTS_R4+_622
pORF+_1923045	b1842	holE		RTS_R4+_625
pORF+_1928905	b1849	purT		RTS_R4+_628
pORF+_1934676	b1853	yebK	U	RTS_R4+_629
pORF+_1935532	b1854	pykA		RTS_R4+_630
pORF+_1940686	b1858	znuC		RTS_R4+_631
pORF+_1941438	b1859	znuB		RTS_R4+_631
pORF+_1948823	b1867	yecD	U	RTS_R4+_632
pORF+_1949419	b1868	yecE	U	RTS_R4+_632
pORF+_1950131	b1869	yecN	U	RTS_R4+_633
pORF+_1950726	b1870	cmoA	U	RTS_R4+_633
pORF+_1951466	b1871	cmoB	U	RTS_R4+_633
pORF+_1958086	b1876	argS		RTS_R4+_635
pORF+_1977777	b1895	uspC		RTS_R4+_637
pORF+_1986725	b1905	ftnA		RTS_R4+_640
pORF+_1993842	b1915	yecF	U	RTS_R4+_642
pORF+_2004180	b1927	amyA		RTS_R4+_645
pORF+_2007503	b1930	yedF	U	RTS_R4+_646
pORF+_2011253	b1938	fliF		RTS_R4+_649
pORF+_2012904	b1939	fliG		RTS_R4+_649
pORF+_2013871	b1940	fliH		RTS_R4+_649
pORF+_2014578	b1941	fliI		RTS_R4+_649
pORF+_2017642	b1944	fliL		RTS_R4+_650
pORF+_2019112	b1946	fliN		
pORF+_2021992	b1951	rcsA		
pORF+_2022995	b1953	yodD	U	RTS_R4+_651
pORF+_2023535	b1955	yedP	U	RTS_R4+_652
pORF+_2032045	b4496	yedS	U	RTS_R4+_653
pORF+_2032863	b4496	yedS	U	RTS_R4+_653
pORF+_2033859	b1967	hchA		RTS_R4+_654
pORF+_2036980	b1970	yedX	U	RTS_R4+_655
pORF+_2037502	b1971	yedY	U	RTS_R4+_656
pORF+_2039399	b1973	yodA	U	RTS_R4+_657
pORF+_2041636	b1976	mtfA	U	RTS_R4+_659
pORF+_2042887	b1978	yeeJ		RTS_R4+_661
pORF+_2051667	b1981	shiA		RTS_R4+_662
pORF+_2052929	b1982	amn		RTS_R4+_663
pORF+_2054882	b1983	yeeN	U	RTS_R4+_664
pORF+_2068268	b4582	yoeA	U	RTS_R4+_669
pORF+_2069407	b2000	flu		RTS_R4+_672
pORF+_2080708	b2011	sbcB		RTS_R4+_674
pORF+_2088177	b2019	hisG		RTS_R4+_676
pORF+_2089112	b2020	hisD		RTS_R4+_676
pORF+_2090422	b2021	hisC		RTS_R4+_676
pORF+_2091489	b2022	hisB		RTS_R4+_676
pORF+_2092559	b2023	hisH		RTS_R4+_676
pORF+_2093146	b2024	hisA		RTS_R4+_676
pORF+_2093868	b2025	hisF		RTS_R4+_676
pORF+_2094638	b2026	hisI		RTS_R4+_677
pORF+_2135860	b2063	yegH	U	RTS_R4+_678
pORF+_2145635	b2069	yegD	U	RTS_R4+_681
pORF+_2151893	b2074	mdtA		RTS_R4+_684
pORF+_2153287	b2075	mdtB		RTS_R4+_684
pORF+_2160900	b2078	baeS		RTS_R4+_685
pORF+_2162300	b2079	baeR		RTS_R4+_686
pORF+_2163174	b2080	yegP	U	RTS_R4+_687
pORF+_2163692	b2081	yegQ	U	RTS_R4+_688
pORF+_2166736	b2086	yegS		RTS_R4+_690

pORF+_2168251	b2088	insE		RTS_R4+_691
pORF+_2168556	b2089	insF		RTS_R4+_691
pORF+_2178117	b2099	yegU	U	
pORF+_2184802	b2107	yohN	U	RTS_R4+_693
pORF+_2192313	b2114	metG		RTS_R4+_694
pORF+_2198301	b2118	yehI	U	
pORF+_2203576	b2120	yehM	U	
pORF+_2207098	b2122	yehQ	U	
pORF+_2220174	b2133	dld		RTS_R4+_698
pORF+_2229866	b2143	cdd		RTS_R4+_702
pORF+_2230900	b2144	sanA	U	RTS_R4+_703
pORF+_2232055	b2146	yeiT	U	RTS_R4+_704
pORF+_2241932	b2154	yeiG	U	RTS_R4+_705
pORF+_2248862	b2159	nfo		RTS_R4+_707
pORF+_2263217	b2171	yeiP	U	RTS_R4+_709
pORF+_2265851	b2173	yeiR	U	RTS_R4+_711
pORF+_2268001	b2175	spr	U	RTS_R4+_712
pORF+_2270380	b2177	yejA	U	RTS_R4+_714
pORF+_2272201	b2178	yejB	U	
pORF+_2274274	b2180	yejF	U	RTS_R4+_716
pORF+_2278654	b2184	yejH	U	RTS_R4+_718
pORF+_2280443	b2185	rplY		RTS_R4+_719
pORF+_2282151	b2187	yejL	U	RTS_R4+_720
pORF+_2282398	b2188	yejM	U	RTS_R4+_720
pORF+_2288492	b2193	narP		RTS_R4+_722
pORF+_2301906	b2209	eco		RTS_R4+_724
pORF+_2311510	b2216	rcsD		RTS_R4+_727
pORF+_2314154	b2217	rcsB		RTS_R4+_728
pORF+_2319888	b2220	atoC		RTS_R4+_729
pORF+_2322778	b2223	atoE		
pORF+_2324131	b2224	atoB		
pORF+_2337541	b2232	ubiG		RTS_R4+_730
pORF+_2342887	b2234	nrdA		RTS_R4+_732
pORF+_2345175	b2235	nrdB		RTS_R4+_733
pORF+_2350669	b2241	glpA		RTS_R4+_735
pORF+_2352059	b2242	glpB		RTS_R4+_735
pORF+_2363917	b2253	arnB		RTS_R4+_738
pORF+_2368930	b2257	arnT		RTS_R4+_739
pORF+_2370632	b2258	arnF	U	RTS_R4+_740
pORF+_2379612	b2268	rbn		RTS_R4+_741
pORF+_2380735	b2269	elaD	U	
pORF+_2405583	b2290	yfbQ	U	RTS_R4+_743
pORF+_2406884	b2291	yfbR		RTS_R4+_744
pORF+_2411492	b2296	ackA		RTS_R4+_745
pORF+_2412769	b2297	pta		RTS_R4+_746
pORF+_2418643	b2302	yfcG	U	RTS_R4+_748
pORF+_2419347	b2303	folX		RTS_R4+_749
pORF+_2419730	b2304	yfcH	U	RTS_R4+_750
pORF+_2439726	b2324	mnmC		RTS_R4+_752
pORF+_2446628	b2331	yfcN	U	RTS_R4+_753
pORF+_2459322	b2344	fadL		RTS_R4+_754
pORF+_2461034	b2345	yfdF	U	
pORF+_2463323	b2347	yfdC	U	RTS_R4+_755
pORF+_2464531	b2349	intS	U	RTS_R4+_757
pORF+_2466236	b2351	yfdH		RTS_R4+_758
pORF+_2467153	b2352	yfdI	U	RTS_R4+_759
pORF+_2472054	b2360	yfdQ	U	
pORF+_2477224	b2366	dsdA		RTS_R4+_762
pORF+_2481777	b2369	evgA		RTS_R4+_763
pORF+_2482396	b2370	evgS		RTS_R4+_763
pORF+_2498387	b2381	ypdB	U	RTS_R4+_767
pORF+_2511025	b2393	nupC		RTS_R4+_771
pORF+_2512347	b2394	insL		RTS_R4+_772

pORF_+_2516474	b2398	yfeC	U	RTS_R4_+_773
pORF_+_2524968	b2410	yfeH	U	RTS_R4_+_776
pORF_+_2529485	b2413	cysZ	U	RTS_R4_+_777
pORF_+_2530431	b2414	cysK		RTS_R4_+_778
pORF_+_2531786	b2415	ptsH		RTS_R4_+_779
pORF_+_2532088	b2416	ptsI		RTS_R4_+_779
pORF_+_2533856	b2417	crr		RTS_R4_+_780
pORF_+_2543795	b2428	murQ	U	RTS_R4_+_784
pORF_+_2550374	b2435	amiA		RTS_R4_+_786
pORF_+_2551247	b2436	hemF		RTS_R4_+_786
pORF_+_2556793	b2442	intZ	U	RTS_R4_+_788
pORF_+_2561984	b2449	yffR	U	RTS_R4_+_792
pORF_+_2562395	b2450	yffS	U	RTS_R4_+_793
pORF_+_2576688	b2464	talA		RTS_R4_+_795
pORF_+_2577595	b2465	tktB		RTS_R4_+_795
pORF_+_2585617	b2470	acrD		RTS_R4_+_797
pORF_+_2589269	b2471	yffB	U	RTS_R4_+_798
pORF_+_2589629	b2472	dapE		RTS_R4_+_799
pORF_+_2597862	b2479	gcvR		RTS_R4_+_802
pORF_+_2598500	b2480	bcp		RTS_R4_+_803
pORF_+_2604373				
pORF_+_2614116	b2494	yfgC	U	RTS_R4_+_804
pORF_+_2615600	b2495	yfgD	U	RTS_R4_+_804
pORF_+_2619204	b2499	purM		RTS_R4_+_805
pORF_+_2620256	b2500	purN		RTS_R4_+_805
pORF_+_2621060	b2501	ppk		RTS_R4_+_806
pORF_+_2623098	b2502	ppx		RTS_R4_+_806
pORF_+_2632254	b2509	xseA		RTS_R4_+_810
pORF_+_2650357	b2521	sseA		RTS_R4_+_811
pORF_+_2661464	b2533	suhB		RTS_R4_+_813
pORF_+_2663436	b2535	csiE	U	RTS_R4_+_814
pORF_+_2670069	b2542	hcaD		RTS_R4_+_816
pORF_+_2682237				RTS_R4_+_819
pORF_+_2683836	b2552	hmp		RTS_R4_+_820
pORF_+_2693823	b2558	yfhD	U	RTS_R4_+_821
pORF_+_2696709	b2561	yfhH	U	RTS_R4_+_822
pORF_+_2708442	b2574	nadB		RTS_R4_+_824
pORF_+_2710918	b2576	srmB		RTS_R4_+_825
pORF_+_2714776	b2580	ung		RTS_R4_+_826
pORF_+_2716757	b2582	trxC		RTS_R4_+_827
pORF_+_2717975	b2584	yfiQ	U	RTS_R4_+_828
pORF_+_2720746	b2585	pssA		RTS_R4_+_830
pORF_+_2734168	b2595	bamD	U	RTS_R4_+_832
pORF_+_2735176	b2597	raiA		RTS_R4_+_833
pORF_+_2735767	b2599	pheA		RTS_R4_+_834
pORF_+_2740405	b2604	yfiN	U	RTS_R4_+_836
pORF_+_2741647	b2605	yfiB	U	RTS_R4_+_836
pORF_+_2745909	b2611	ypjD	U	RTS_R4_+_837
pORF_+_2746820	b4461	yfjD	U	RTS_R4_+_837
pORF_+_2748853	b2615	nadK		RTS_R4_+_838
pORF_+_2751627	b2617	smpA		RTS_R4_+_840
pORF_+_2752918	b2620	smpB		RTS_R4_+_841
pORF_+_2757007	b2625	yfjI	U	
pORF_+_2765726	b2632	yfjP	U	RTS_R4_+_848
pORF_+_2787938	b2660	ygaF	U	RTS_R4_+_854
pORF_+_2789295	b2661	gabD		RTS_R4_+_855
pORF_+_2790751	b2662	gabT		RTS_R4_+_855
pORF_+_2795542	b2668	ygaP	U	RTS_R4_+_857
pORF_+_2798156	b2672	ygaM	U	RTS_R4_+_859
pORF_+_2798745	b2673	nrdH		RTS_R4_+_860
pORF_+_2799370	b2675	nrdE		RTS_R4_+_860
pORF_+_2802564	b2677	proV		RTS_R4_+_861
pORF_+_2805112	b2679	proX		RTS_R4_+_861

pORF+_2808792	b2684	mprA		RTS_R4+_863
pORF+_2809437	b2685	emrA		RTS_R4+_863
pORF+_2823854	b2702	srlA		RTS_R4+_866
pORF+_2827069	b2707	srlR		RTS_R4+_867
pORF+_2827835	b2708	gutQ	U	RTS_R4+_868
pORF+_2849023	b2727	hypB		RTS_R4+_872
pORF+_2849859	b2728	hypC		RTS_R4+_872
pORF+_2851276	b2730	hypE		RTS_R4+_873
pORF+_2852324	b2731	fhlA		RTS_R4+_874
pORF+_2855115	b2733	mutS		RTS_R4+_875
pORF+_2899918	b2776	ycgE	U	
pORF+_2913079	b2786	barA		RTS_R4+_881
pORF+_2923370	b2794	queF		RTS_R4+_882
pORF+_2924330	b2795	ygdH	U	RTS_R4+_883
pORF+_2926251	b2796	sdaC	U	RTS_R4+_884
pORF+_2927598	b2797	sdaB		RTS_R4+_884
pORF+_2928987	b2798	ygdG		RTS_R4+_884
pORF+_2933606	b2802	fucI		
pORF+_2936910	b2804	fucU		RTS_R4+_885
pORF+_2937381	b2805	fucR		RTS_R4+_885
pORF+_2942564	b2811	csdE	U	RTS_R4+_888
pORF+_2947198	b2818	argA		RTS_R4+_891
pORF+_2969293	b2833	ygdR	U	RTS_R4+_894
pORF+_2969619	b2834	tas	U	RTS_R4+_895
pORF+_2974621	b2837	galR		RTS_R4+_896
pORF+_3009483	b2874	yqeA	U	RTS_R4+_902
pORF+_3014082	b2878	ygfK	U	RTS_R4+_904
pORF+_3019338	b2881	xdhD	U	RTS_R4+_904
pORF+_3029260	b2888	ygfU	U	
pORF+_3031087	b2889	idi		RTS_R4+_906
pORF+_3037877	b2895	fldB		RTS_R4+_907
pORF+_3039335	b2898	ygfZ	U	RTS_R4+_908
pORF+_3041666	b2901	bgIA		RTS_R4+_909
pORF+_3053634	b2910	zapA		RTS_R4+_910
pORF+_3057709	b2916	argP		RTS_R4+_913
pORF+_3061009	b2918	argK		
pORF+_3079716	b2936	yggG	U	RTS_R4+_915
pORF+_3084716	b2942	metK		RTS_R4+_916
pORF+_3088366	b2945	endA		RTS_R4+_917
pORF+_3089129	b2946	rsmE	U	RTS_R4+_918
pORF+_3089900	b2947	gshB		RTS_R4+_918
pORF+_3090887	b2948	yqgE	U	RTS_R4+_919
pORF+_3091396	b2949	yqgF	U	RTS_R4+_919
pORF+_3093120	b2951	yggS	U	RTS_R4+_920
pORF+_3094703	b2954	rdgB		RTS_R4+_921
pORF+_3095289	b2955	yggW	U	RTS_R4+_921
pORF+_3102115	b2962	yggX		RTS_R4+_925
pORF+_3102452	b2963	mltC		RTS_R4+_925
pORF+_3103688	b2964	nupG		RTS_R4+_926
pORF+_3128200	b2982	insH		RTS_R4+_932
pORF+_3136701	b2989	yghU	U	RTS_R4+_933
pORF+_3145919	b3001	yghZ		RTS_R4+_934
pORF+_3147684	b3003	yghA	U	RTS_R4+_935
pORF+_3150123	b3008	metC		RTS_R4+_936
pORF+_3151585	b3009	yghB	U	RTS_R4+_937
pORF+_3153353	b3011	yqhD		RTS_R4+_938
pORF+_3153651				RTS_R4+_938
pORF+_3154645	b3012	dkgA		RTS_R4+_939
pORF+_3156649	b3014	yqhH	U	
pORF+_3168506	b3026	qseC		RTS_R4+_940
pORF+_3170552	b3028	mdaB		RTS_R4+_941
pORF+_3171164	b3029	ygiN		RTS_R4+_942
pORF+_3176098	b3035	tolC		RTS_R4+_944

pORF+_3177733	b3037	ygiB	U	RTS_R4+_945
pORF+_3178443	b3038	ygiC	U	RTS_R4+_945
pORF+_3180530	b3040	zupT		RTS_R4+_947
pORF+_3182802	b3042	yqiC	U	RTS_R4+_948
pORF+_3183436	b3043	ygiL	U	
pORF+_3190230	b3050	yqiJ	U	
pORF+_3190886	b3051	yqiK	U	
pORF+_3199229	b3055	htrG	U	RTS_R4+_950
pORF+_3199913	b3056	cca		RTS_R4+_951
pORF+_3208803	b3065	rpsU		RTS_R4+_953
pORF+_3209129	b3066	dnaG		RTS_R4+_953
pORF+_3211069	b3067	rpoD		RTS_R4+_954
pORF+_3214801	b3071	yqjI	U	RTS_R4+_956
pORF+_3217405	b3073	ygjG		RTS_R4+_957
pORF+_3219488	b3075	ebgR		RTS_R4+_958
pORF+_3229687	b3081	fadH		RTS_R4+_959
pORF+_3235315	b3087	ygjR	U	RTS_R4+_961
pORF+_3237966	b3089	sstT		RTS_R4+_963
pORF+_3244659	b3094	exuR		RTS_R4+_965
pORF+_3246976	b3097	yqjC	U	RTS_R4+_967
pORF+_3247397	b3098	yqjD	U	RTS_R4+_967
pORF+_3249025	b3102	yqjG	U	RTS_R4+_969
pORF+_3253059	b3107	yhaL	U	RTS_R4+_972
pORF+_3265846	b3120	yhaB	U	
pORF+_3275024	b3129	sohA	U	RTS_R4+_975
pORF+_3276936	b3132	kbaZ		
pORF+_3281165	b3137	kbaY		
pORF+_3283353	b3140	agaD		
pORF+_3286761	b3144	yraJ	U	
pORF+_3291392	b3147	yraM	U	RTS_R4+_976
pORF+_3293831	b3149	diaA		RTS_R4+_977
pORF+_3294431	b3150	yraP	U	RTS_R4+_978
pORF+_3296954	b3153	yhbO	U	RTS_R4+_979
pORF+_3301470	b3160	yhbW	U	RTS_R4+_982
pORF+_3316659	b3172	argG		RTS_R4+_983
pORF+_3325812	b3180	yhbY	U	RTS_R4+_984
pORF+_3326985	b3182	dacB		RTS_R4+_985
pORF+_3331732	b3187	ispB		RTS_R4+_986
pORF+_3338297	b3196	yrbG	U	RTS_R4+_987
pORF+_3339267	b3197	kdsD		RTS_R4+_987
pORF+_3340295	b3198	kdsC		RTS_R4+_988
pORF+_3340858	b3199	yrbK	U	RTS_R4+_988
pORF+_3341381	b3200	lptA	U	RTS_R4+_989
pORF+_3341966	b3201	lptB	U	RTS_R4+_989
pORF+_3342739	b3202	rpoN		RTS_R4+_990
pORF+_3344111	b3203	hpf	U	RTS_R4+_991
pORF+_3344576	b3204	ptsN		RTS_R4+_991
pORF+_3345137	b3205	yhbJ	U	RTS_R4+_991
pORF+_3345988	b3206	npr		RTS_R4+_991
pORF+_3346417	b3207	yrbL	U	RTS_R4+_992
pORF+_3352639	b3212	gltB		RTS_R4+_996
pORF+_3357220	b3213	gltD		RTS_R4+_996
pORF+_3360811	b3216	yhcD	U	RTS_R4+_998
pORF+_3364948	b3219	yhcF	U	RTS_R4+_999
pORF+_3372873	b3227	dcuD	U	
pORF+_3378207	b3233	yhcB	U	RTS_R4+_1000
pORF+_3378723	b3234	degQ		RTS_R4+_1001
pORF+_3380222	b3235	degS		RTS_R4+_1002
pORF+_3382725	b3237	argR		RTS_R4+_1003
pORF+_3383509	b3238	yhcN	U	RTS_R4+_1004
pORF+_3387542	b3243	aaeR	U	RTS_R4+_1006
pORF+_3401506	b3253	yhdH	U	RTS_R4+_1011
pORF+_3403458	b3255	accB		RTS_R4+_1013

pORF+_3403900	b3256	accC		RTS_R4+_1013
pORF+_3407092	b3259	prmA		RTS_R4+_1015
pORF+_3408302	b3260	dusB		RTS_R4+_1016
pORF+_3409293	b3261	fis		RTS_R4+_1016
pORF+_3411886	b3265	acrE		
pORF+_3413055	b3266	acrF		
pORF+_3416412	b3267	yhdV	U	RTS_R4+_1018
pORF+_3420458	b3271	yhdZ	U	RTS_R4+_1019
pORF+_3427042	b3279	yrdA	U	RTS_R4+_1020
pORF+_3431712	b3287	def		RTS_R4+_1021
pORF+_3432236	b3288	fmt		RTS_R4+_1021
pORF+_3433208	b3289	rsmB		RTS_R4+_1021
pORF+_3434540	b3290	trkA		RTS_R4+_1021
pORF+_3436046	b3291	mscL		RTS_R4+_1022
pORF+_3456361	b3326	gspE		RTS_R4+_1023
pORF+_3475662	b3348	slyX	U	RTS_R4+_1024
pORF+_3479311	b3352	yheS	U	RTS_R4+_1026
pORF+_3482240	b3354	yheU	U	RTS_R4+_1027
pORF+_3482512	b3355	prkB	U	RTS_R4+_1027
pORF+_3484142	b3357	crp		RTS_R4+_1028
pORF+_3492033	b3365	nirB		RTS_R4+_1030
pORF+_3495850	b3368	cysG		RTS_R4+_1031
pORF+_3502008	b3375	frlR	U	RTS_R4+_1033
pORF+_3520869	b3396	mrcA		RTS_R4+_1035
pORF+_3524491	b3398	yrfF	U	RTS_R4+_1036
pORF+_3527370	b3400	hslR		RTS_R4+_1038
pORF+_3527790	b3401	hslO		RTS_R4+_1038
pORF+_3530771	b3403	pck		RTS_R4+_1039
pORF+_3535407	b3407	yhgF	U	RTS_R4+_1041
pORF+_3538417	b3409	feoB		RTS_R4+_1042
pORF+_3543646	b3414	gntY	U	RTS_R4+_1044
pORF+_3544581	b3415	gntT		RTS_R4+_1045
pORF+_3551107	b3418	malT	U	RTS_R4+_1046
pORF+_3560021	b3426	glpD		RTS_R4+_1048
pORF+_3584966	b3448	yhhA	U	RTS_R4+_1053
pORF+_3596007	b3459	yhhK	U	RTS_R4+_1055
pORF+_3602416	b3465	rsmD	U	RTS_R4+_1056
pORF+_3604474	b3469	zntA		RTS_R4+_1058
pORF+_3607924	b3472	dcrB		RTS_R4+_1060
pORF+_3611690	b3476	nikA		RTS_R4+_1062
pORF+_3615799	b3480	nikE		RTS_R4+_1063
pORF+_3616611	b3481	nikR		RTS_R4+_1063
pORF+_3635665	b3493	pitA		RTS_R4+_1067
pORF+_3638134	b3495	uspA		RTS_R4+_1068
pORF+_3643357	b3499	yhiR	U	RTS_R4+_1070
pORF+_3644322	b3500	gor		RTS_R4+_1071
pORF+_3646937	b3502	arsB		RTS_R4+_1073
pORF+_3648260	b3503	arsC		RTS_R4+_1074
pORF+_3651951	b3506	slp		RTS_R4+_1075
pORF+_3656311	b3512	gadE		RTS_R4+_1077
pORF+_3657255	b3513	mdtE		RTS_R4+_1078
pORF+_3658437	b3514	mdtF		RTS_R4+_1078
pORF+_3672809	b3523	yhjE	U	RTS_R4+_1085
pORF+_3677094	b3526	kdgK		RTS_R4+_1086
pORF+_3694481	b3536	bcsE	U	RTS_R4+_1087
pORF+_3696237	b3538	bcsG	U	RTS_R4+_1087
pORF+_3714570	b3552	viaD	U	RTS_R4+_1093
pORF+_3715321	b3553	ghrB		RTS_R4+_1094
pORF+_3718072	b3556	cspA		RTS_R4+_1096
pORF+_3719221	b3558	insK	U	
pORF+_3729076	b3566	xyfF		
pORF+_3737623	b3572	avtA		RTS_R4+_1101
pORF+_3744117	b3579	viaO	U	

pORF+_3746600	b3581	sgbH		
pORF+_3764345	b3594	yibA	U	RTS_R4+_1104
pORF+_3766986	b4651	yibW	U	RTS_R4+_1106
pORF+_3770304	b3599	mtlA		RTS_R4+_1107
pORF+_3772129	b3600	mtlD		RTS_R4+_1108
pORF+_3774688	b3602	yibL	U	RTS_R4+_1109
pORF+_3775395	b3603	lldP		RTS_R4+_1110
pORF+_3777850	b3605	lldD		RTS_R4+_1110
pORF+_3779238	b3606	yibK	U	RTS_R4+_1111
pORF+_3783139	b3612	gpmM		RTS_R4+_1112
pORF+_3784837	b3613	envC		RTS_R4+_1113
pORF+_3786124	b3614	yibQ	U	RTS_R4+_1114
pORF+_3792010	b3619	rfaD		RTS_R4+_1115
pORF+_3792952	b3620	rfaF		RTS_R4+_1115
pORF+_3794971	b3622	rfaL		RTS_R4+_1116
pORF+_3806563	b3633	waaA		RTS_R4+_1117
pORF+_3807680	b3634	coaD		RTS_R4+_1118
pORF+_3810682	b3639	dfp		RTS_R4+_1119
pORF+_3811952	b3640	dut		RTS_R4+_1120
pORF+_3812475	b3641	slmA		RTS_R4+_1120
pORF+_3814699	b3644	yicC	U	RTS_R4+_1121
pORF+_3816843	b3646	yicG	U	
pORF+_3819394	b3648	gmk		RTS_R4+_1122
pORF+_3820129	b3649	rpoZ		RTS_R4+_1123
pORF+_3820423	b3650	spoT		RTS_R4+_1123
pORF+_3822538	b3651	trmH		RTS_R4+_1123
pORF+_3823200	b3652	recG		RTS_R4+_1123
pORF+_3826959	b3654	yicE	U	RTS_R4+_1124
pORF+_3828456	b3655	yicH	U	RTS_R4+_1125
pORF+_3841987	b3665	ade		RTS_R4+_1129
pORF+_3865676	b3688	yidQ	U	RTS_R4+_1134
pORF+_3882359	b3703	rpmH		RTS_R4+_1136
pORF+_3882516	b3704	rnpA		RTS_R4+_1136
pORF+_3883099	b3705	yidC		RTS_R4+_1137
pORF+_3884851	b3706	mnmE		RTS_R4+_1138
pORF+_3886738	b3708	tnaA		
pORF+_3892675	b3713	yieF		RTS_R4+_1141
pORF+_3894797	b3715	yieH	U	RTS_R4+_1142
pORF+_3925178	b3744	asnA		RTS_R4+_1146
pORF+_3929339	b3747	kup		RTS_R4+_1147
pORF+_3931338	b3748	rbsD	U	RTS_R4+_1148
pORF+_3931801	b3749	rbsA		RTS_R4+_1148
pORF+_3934295	b3751	rbsB		RTS_R4+_1148
pORF+_3935290	b3752	rbsK		RTS_R4+_1149
pORF+_3936250	b3753	rbsR		RTS_R4+_1150
pORF+_3946109	b3764	yifE	U	RTS_R4+_1154
pORF+_3948583	b4488	ilvG	U	RTS_R4+_1156
pORF+_3949646	b4488	ilvG	U	RTS_R4+_1156
pORF+_3950441	b3770	ilvE		RTS_R4+_1156
pORF+_3951501	b3771	ilvD		RTS_R4+_1156
pORF+_3953354	b3772	ilvA		RTS_R4+_1156
pORF+_3955858	b3774	ilvC		RTS_R4+_1157
pORF+_3958649	b3778	rep		RTS_R4+_1158
pORF+_3963679	b3781	trxA		RTS_R4+_1160
pORF+_3964368	b3783	rho		RTS_R4+_1161
pORF+_3967051	b3785	wzzE		RTS_R4+_1163
pORF+_3968114	b3786	rffE		RTS_R4+_1164
pORF+_3969283	b3787	rffD		RTS_R4+_1164
pORF+_3970545	b3788	rffG		RTS_R4+_1164
pORF+_3971631	b3789	rffH		RTS_R4+_1164
pORF+_3973169	b3791	rffA		RTS_R4+_1164
pORF+_3974301	b3792	wzxE		RTS_R4+_1164
pORF+_3975548	b4481	rffT		RTS_R4+_1164

pORF+_3976624	b3793	wzyE	U	RTS_R4+_1164
pORF+_3977979	b3794	rffM		RTS_R4+_1164
pORF+_3989176	b3806	cyaA		RTS_R4+_1169
pORF+_3992545	b4558	yifL	U	RTS_R4+_1170
pORF+_3992782	b3809	dapF		RTS_R4+_1170
pORF+_3993606	b3810	yigA	U	RTS_R4+_1170
pORF+_3994310	b3811	xerC		RTS_R4+_1170
pORF+_3995206	b3812	yigB	U	RTS_R4+_1170
pORF+_3995817	b3813	uvrD		RTS_R4+_1171
pORF+_3999434	b3816	corA		RTS_R4+_1172
pORF+_4002885	b3821	pldA		RTS_R4+_1173
pORF+_4003881	b3822	recQ		RTS_R4+_1174
pORF+_4007193	b3825	pldB		RTS_R4+_1175
pORF+_4008097	b3826	yigL	U	RTS_R4+_1175
pORF+_4011076	b3829	metE		RTS_R4+_1177
pORF+_4014448	b3831	udp		RTS_R4+_1178
pORF+_4015356	b3832	rmuC	U	RTS_R4+_1178
pORF+_4016878	b3833	ubiE		RTS_R4+_1179
pORF+_4017602	b3834	yigP	U	RTS_R4+_1179
pORF+_4018249	b3835	ubiB		RTS_R4+_1179
pORF+_4019926	b3836	tatA		RTS_R4+_1180
pORF+_4020241	b3838	tatB		RTS_R4+_1180
pORF+_4023011	b3843	ubiD		RTS_R4+_1181
pORF+_4024517	b3844	fre		RTS_R4+_1181
pORF+_4029184	b3847	pepQ		RTS_R4+_1182
pORF+_4031168	b3849	trkH		RTS_R4+_1183
pORF+_4032631	b3850	hemG		RTS_R4+_1183
pORF+_4040062	b3858	yihD	U	RTS_R4+_1185
pORF+_4040438	b3859	rdoA		RTS_R4+_1186
pORF+_4041441	b3860	dsbA		RTS_R4+_1187
pORF+_4044989	b3863	polA		RTS_R4+_1188
pORF+_4049307	b3866	yihI	U	RTS_R4+_1191
pORF+_4050062	b3867	hemN		RTS_R4+_1191
pORF+_4056430	b3871	typA		RTS_R4+_1192
pORF+_4059188	b3873	yihM	U	
pORF+_4072668	b3884	yihW	U	RTS_R4+_1193
pORF+_4073555	b3885	yihX	U	RTS_R4+_1193
pORF+_4075038	b3887	dtd		RTS_R4+_1194
pORF+_4075472	b3888	yiiD	U	RTS_R4+_1194
pORF+_4084039	b3895	fdhD		RTS_R4+_1195
pORF+_4098827	b3908	sodA		RTS_R4+_1196
pORF+_4100815	b3910	yiiM	U	RTS_R4+_1197
pORF+_4103840	b4484	cpxP		RTS_R4+_1198
pORF+_4104474	b3915	fieF		RTS_R4+_1199
pORF+_4105479	b3916	pfkA		RTS_R4+_1200
pORF+_4106857	b3917	sbp		RTS_R4+_1201
pORF+_4107761	b3918	cdh		RTS_R4+_1202
pORF+_4110990	b3922	yiiS	U	RTS_R4+_1204
pORF+_4111316	b3923	uspD		RTS_R4+_1204
pORF+_4116520	b3928	yiiU	U	RTS_R4+_1205
pORF+_4125036	b3936	rpmE		RTS_R4+_1207
pORF+_4126518	b3939	metB		RTS_R4+_1208
pORF+_4127858	b3940	metL		RTS_R4+_1208
pORF+_4130639	b3941	metF		RTS_R4+_1209
pORF+_4131819	b3942	katG		RTS_R4+_1210
pORF+_4153024	b3958	argC		RTS_R4+_1213
pORF+_4154003	b3959	argB		RTS_R4+_1213
pORF+_4154873	b3960	argH		RTS_R4+_1213
pORF+_4156483	b3961	oxyR		RTS_R4+_1214
pORF+_4159051	b3963	fabR		RTS_R4+_1215
pORF+_4161617	b3966	btuB		RTS_R4+_1216
pORF+_4163439	b3967	murI		RTS_R4+_1217
pORF+_4170080	b3972	murB		RTS_R4+_1219

pORF_+_4171105	b3973	birA		RTS_R4_+_1219
pORF_+_4173967	b3980	tufB		RTS_R4_+_1220
pORF_+_4175381	b3981	secE		RTS_R4_+_1221
pORF_+_4175766	b3982	nusG		RTS_R4_+_1221
pORF_+_4176470	b3983	rplK		RTS_R4_+_1222
pORF_+_4176902	b3984	rplA		RTS_R4_+_1222
pORF_+_4178019	b3985	rplJ		RTS_R4_+_1223
pORF_+_4178583	b3986	rplL		RTS_R4_+_1223
pORF_+_4179235	b3987	rpoB		RTS_R4_+_1224
pORF_+_4183373	b3988	rpoC		RTS_R4_+_1224
pORF_+_4194926	b3996	nudC		RTS_R4_+_1225
pORF_+_4195739	b3997	hemE		RTS_R4_+_1226
pORF_+_4196807	b3998	nfi		RTS_R4_+_1227
pORF_+_4197527	b3999	yjaG	U	RTS_R4_+_1228
pORF_+_4198304	b4000	hupA		RTS_R4_+_1229
pORF_+_4211221	b4011	yjaA	U	
pORF_+_4212303	b4013	metA		RTS_R4_+_1233
pORF_+_4213483	b4014	aceB		RTS_R4_+_1234
pORF_+_4215117	b4015	aceA		RTS_R4_+_1234
pORF_+_4216619	b4016	aceK		RTS_R4_+_1235
pORF_+_4221830	b4019	metH		RTS_R4_+_1236
pORF_+_4225754	b4020	yjbB	U	RTS_R4_+_1237
pORF_+_4228377	b4022	rluF		RTS_R4_+_1238
pORF_+_4231775	b4025	pgi		RTS_R4_+_1239
pORF_+_4244717	b4035	malk		RTS_R4_+_1242
pORF_+_4245994	b4036	lamB		RTS_R4_+_1242
pORF_+_4247568	b4037	malM		RTS_R4_+_1242
pORF_+_4250418	b4039	ubiC		RTS_R4_+_1243
pORF_+_4254660	b4042	dgkA		RTS_R4_+_1244
pORF_+_4255138	b4043	lexA		RTS_R4_+_1245
pORF_+_4257254	b4045	yjbJ	U	RTS_R4_+_1247
pORF_+_4259686	b4049	dusA		RTS_R4_+_1248
pORF_+_4262337	b4052	dnaB		RTS_R4_+_1249
pORF_+_4263805	b4053	alr		RTS_R4_+_1249
pORF_+_4265095	b4054	tyrB		RTS_R4_+_1250
pORF_+_4267197	b4055	aphA		RTS_R4_+_1251
pORF_+_4268261	b4056	yjbQ	U	RTS_R4_+_1252
pORF_+_4268681	b4057	yjbR	U	RTS_R4_+_1252
pORF_+_4272085	b4059	ssb		RTS_R4_+_1253
pORF_+_4276502	b4064	yjcD	U	RTS_R4_+_1256
pORF_+_4278003	b4065	yjcE	U	RTS_R4_+_1257
pORF_+_4285754	b4070	nrfA		
pORF_+_4289511	b4074	nrfE		
pORF_+_4292504	b4077	gltP		RTS_R4_+_1258
pORF_+_4327383	b4110	yjcZ	U	RTS_R4_+_1263
pORF_+_4328492	b4111	proP		RTS_R4_+_1264
pORF_+_4339934	b4119	melA		RTS_R4_+_1265
pORF_+_4349866	b4126	yjdI	U	RTS_R4_+_1266
pORF_+_4368711	b4142	groS		RTS_R4_+_1270
pORF_+_4369048	b4143	groL		RTS_R4_+_1271
pORF_+_4370799	b4144	yjeI	U	RTS_R4_+_1272
pORF_+_4373722	b4147	efp		RTS_R4_+_1273
pORF_+_4374340	b4410	ecnA		RTS_R4_+_1274
pORF_+_4374576	b4411	ecnB		RTS_R4_+_1275
pORF_+_4380621	b4155	poxA	U	RTS_R4_+_1277
pORF_+_4389483	b4162	orn		RTS_R4_+_1278
pORF_+_4392068	b4167	yjeF	U	RTS_R4_+_1280
pORF_+_4393608	b4168	yjeE		RTS_R4_+_1281
pORF_+_4394073	b4169	amiB		RTS_R4_+_1281
pORF_+_4395432	b4170	mutL		RTS_R4_+_1282
pORF_+_4397275	b4171	miaA		RTS_R4_+_1283
pORF_+_4398311	b4172	hfq		RTS_R4_+_1284
pORF_+_4398695	b4173	hflX	U	RTS_R4_+_1284

pORF_+_4400061	b4174	hflK		RTS_R4+_1284
pORF_+_4401323	b4175	hflC		RTS_R4+_1284
pORF_+_4402710	b4177	purA		RTS_R4+_1286
pORF_+_4404213	b4178	nsrR	U	RTS_R4+_1288
pORF_+_4404635	b4179	rnr		RTS_R4+_1288
pORF_+_4407298	b4180	rlmB		RTS_R4+_1289
pORF_+_4411036	b4186	yjfC	U	
pORF_+_4412280	b4187	aidB		RTS_R4+_1290
pORF_+_4414975	b4190	yjfp	U	RTS_R4+_1291
pORF_+_4420011	b4196	ulaD		
pORF_+_4423141	b4200	rpsF		RTS_R4+_1292
pORF_+_4423862	b4202	rpsR		RTS_R4+_1292
pORF_+_4424131	b4203	rplI		RTS_R4+_1292
pORF_+_4426799	b4207	fkfB		RTS_R4+_1294
pORF_+_4427887	b4208	cycA		RTS_R4+_1295
pORF_+_4434778	b4214	cysQ		RTS_R4+_1298
pORF_+_4440405	b4220	ytfM	U	RTS_R4+_1301
pORF_+_4442135	b4221	ytfN	U	RTS_R4+_1301
pORF_+_4445917	b4222	ytfP	U	RTS_R4+_1301
pORF_+_4447985	b4227	ytfQ	U	RTS_R4+_1303
pORF_+_4449081	b4485	ytfR	U	RTS_R4+_1303
pORF_+_4453808	b4233	mpl		RTS_R4+_1304
pORF_+_4455982	b4235	pmbA	U	RTS_R4+_1305
pORF_+_4465648	b4242	mgta		RTS_R4+_1307
pORF_+_4472147	b4251	yjgJ	U	RTS_R4+_1309
pORF_+_4472876	b4252	yjgK	U	RTS_R4+_1310
pORF_+_4476496	b4255	rraB	U	RTS_R4+_1312
pORF_+_4484241	b4261	yjgP	U	RTS_R4+_1313
pORF_+_4485338	b4262	yjgQ	U	RTS_R4+_1313
pORF_+_4494773	b4271	intB	U	RTS_R4+_1316
pORF_+_4503295	b4280	yjhC	U	RTS_R4+_1318
pORF_+_4538950	b4312	fimB		RTS_R4+_1328
pORF_+_4541138	b4314	fimA		RTS_R4+_1330
pORF_+_4542327	b4316	fimC		RTS_R4+_1331
pORF_+_4546822	b4320	fimH		RTS_R4+_1333
pORF_+_4549623	b4322	uxuA		RTS_R4+_1335
pORF_+_4550924	b4323	uxuB		RTS_R4+_1335
pORF_+_4552599	b4324	uxuR		RTS_R4+_1336
pORF_+_4584972	b4351	mrr		RTS_R4+_1345
pORF_+_4589680	b4355	tsr		RTS_R4+_1346
pORF_+_4605826	b4372	holD		RTS_R4+_1349
pORF_+_4606208	b4373	rimI		RTS_R4+_1349
pORF_+_4606669	b4374	yjjG		RTS_R4+_1349
pORF_+_4607410	b4375	prfC		RTS_R4+_1349
pORF_+_4609341	b4376	osmY		RTS_R4+_1350
pORF_+_4611504	b4378	yjjV	U	RTS_R4+_1351
pORF_+_4615322	b4381	deoC		RTS_R4+_1353
pORF_+_4616252	b4382	deoA		RTS_R4+_1353
pORF_+_4617626	b4383	deoB		RTS_R4+_1354
pORF_+_4618849	b4384	deoD		RTS_R4+_1354
pORF_+_4622780	b4388	serB		RTS_R4+_1356
pORF_+_4623887	b4389	radA	U	RTS_R4+_1356
pORF_+_4625317	b4390	nadR		RTS_R4+_1357
pORF_+_4628726	b4392	slt		RTS_R4+_1358
pORF_+_4630783	b4393	trpR		RTS_R4+_1359
pORF_+_4631820	b4395	ytjC		RTS_R4+_1360
pORF_+_4633544	b4397	creA	U	RTS_R4+_1361
pORF_+_4634030	b4398	creB		RTS_R4+_1361
pORF_+_4634719	b4399	creC		RTS_R4+_1361
pORF_+_4638944	b4403	yjtD	U	RTS_R4+_1364
pORF_-_5683	b0006	yaaA	U	RTS_R4_-_1
pORF_-_20815	b0023	rpsT		RTS_R4_-_7
pORF_-_50380	b0049	apaH		RTS_R4_-_11

pORF_-_51609	b0051	ksgA		RTS_R4_-_12
pORF_-_52427	b0052	pdxA		RTS_R4_-_13
pORF_-_53416	b0053	surA		RTS_R4_-_13
pORF_-_54755	b0054	imp		RTS_R4_-_14
pORF_-_59687	b0058	rluA		RTS_R4_-_15
pORF_-_60358	b0059	hepA		RTS_R4_-_15
pORF_-_65855	b0061	araD		RTS_R4_-_17
pORF_-_66835	b0062	araA		RTS_R4_-_17
pORF_-_68348	b0063	araB		RTS_R4_-_17
pORF_-_72229	b0066	thiQ		RTS_R4_-_18
pORF_-_72911	b0067	thiP		RTS_R4_-_18
pORF_-_74497	b0068	tbpA		RTS_R4_-_18
pORF_-_75644	b0069	sgrR		RTS_R4_-_19
pORF_-_78848	b0071	leuD		RTS_R4_-_20
pORF_-_79464	b0072	leuC		RTS_R4_-_20
pORF_-_80867	b0073	leuB		RTS_R4_-_20
pORF_-_81958	b0074	leuA		RTS_R4_-_20
pORF_-_111649	b0101	yacG	U	RTS_R4_-_21
pORF_-_111856	b0102	yacF	U	RTS_R4_-_21
pORF_-_112599	b0103	coaE		RTS_R4_-_22
pORF_-_117752	b0109	nadC		RTS_R4_-_24
pORF_-_120178	b0112	aroP		RTS_R4_-_25
pORF_-_134788	b0120	speD		RTS_R4_-_26
pORF_-_135598	b0121	speE		RTS_R4_-_26
pORF_-_136570	b0122	yacC	U	RTS_R4_-_27
pORF_-_138835	b0124	gcd		RTS_R4_-_28
pORF_-_142008	b0126	can		RTS_R4_-_29
pORF_-_146314	b0131	panD		RTS_R4_-_30
pORF_-_147944	b0133	panC		RTS_R4_-_31
pORF_-_148807	b0134	panB		RTS_R4_-_31
pORF_-_152829	b0139	htrE	U	
pORF_-_157253	b0142	folK		RTS_R4_-_32
pORF_-_157729	b0143	pcnB		RTS_R4_-_32
pORF_-_160149	b0145	dksA		RTS_R4_-_33
pORF_-_173602	b0154	hemL		RTS_R4_-_36
pORF_-_178455	b0159	mtn		RTS_R4_-_37
pORF_-_183709	b0163	yaeH	U	RTS_R4_-_38
pORF_-_184257	b0164	yaeI	U	RTS_R4_-_39
pORF_-_185123	b0166	dapD		RTS_R4_-_39
pORF_-_185978	b0167	glnD		RTS_R4_-_40
pORF_-_188712	b0168	map		RTS_R4_-_41
pORF_-_213678	b0189	rof		RTS_R4_-_42
pORF_-_213925	b4406	yaeP	U	RTS_R4_-_42
pORF_-_217057	b0194	proS		RTS_R4_-_43
pORF_-_218887	b0195	yaeB	U	RTS_R4_-_44
pORF_-_219591	b0196	rscF	U	RTS_R4_-_44
pORF_-_220113	b0197	metQ		RTS_R4_-_45
pORF_-_220968	b0198	metI		RTS_R4_-_45
pORF_-_221614	b0199	metN		RTS_R4_-_45
pORF_-_229967	b0208	yafC	U	RTS_R4_-_46
pORF_-_234027	b0212	gloB	U	RTS_R4_-_48
pORF_-_235535	b0214	rnhA		RTS_R4_-_49
pORF_-_239419	b0219	yafV	U	RTS_R4_-_50
pORF_-_240859	b0221	fadE		RTS_R4_-_51
pORF_-_246242	b0226	dinJ	U	RTS_R4_-_53
pORF_-_254259	b0237	pepD		RTS_R4_-_55
pORF_-_258269	b0241	phoE		
pORF_-_262914	b0246	yafW		
pORF_-_264844	b0250	ykfB	U	RTS_R4_-_57
pORF_-_273325	b0259	insH		RTS_R4_-_59
pORF_-_287628	b0272	yagI	U	RTS_R4_-_63
pORF_-_288525	b0273	argF		RTS_R4_-_64
pORF_-_294920	b0281	intF	U	RTS_R4_-_67

pORF_-_296994	b0283	yagQ	U	RTS_R4_-_68
pORF_-_300155	b0285	yagS	U	RTS_R4_-_68
pORF_-_306031	b0291	yagX	U	RTS_R4_-_71
pORF_-_309308	b0293	matB	U	RTS_R4_-_71
pORF_-_311598	b4506	ykgO		RTS_R4_-_72
pORF_-_311738	b0296	ykgM		RTS_R4_-_72
pORF_-_317900	b0304	ykgC	U	RTS_R4_-_75
pORF_-_326485	b0312	betB		RTS_R4_-_76
pORF_-_327971	b0313	betI		RTS_R4_-_76
pORF_-_346081	b0330	prpR		RTS_R4_-_79
pORF_-_360473	b0342	lacA		
pORF_-_361150	b0343	lacY		
pORF_-_365652	b0345	lacI		RTS_R4_-_81
pORF_-_366811	b0346	mhpR		RTS_R4_-_81
pORF_-_376759	b0355	frmB	U	RTS_R4_-_82
pORF_-_377686	b0356	frmA		RTS_R4_-_83
pORF_-_378830	b0357	frmR		RTS_R4_-_83
pORF_-_387977	b0369	hemB		RTS_R4_-_86
pORF_-_390963	b0372	insF		RTS_R4_-_87
pORF_-_391826	b0373	insE		RTS_R4_-_87
pORF_-_394354	b0376	ampH		RTS_R4_-_88
pORF_-_399053	b0381	ddlA		RTS_R4_-_90
pORF_-_404059	b0386	proC		RTS_R4_-_92
pORF_-_408332	b0393	rdgC		RTS_R4_-_94
pORF_-_411831	b0397	sbcC		RTS_R4_-_96
pORF_-_414974	b0398	sbcD		RTS_R4_-_96
pORF_-_430353	b0411	tsx		RTS_R4_-_99
pORF_-_436385	b0419	yajO	U	RTS_R4_-_101
pORF_-_437539	b0420	dxs		RTS_R4_-_102
pORF_-_439426	b0421	ispA		RTS_R4_-_103
pORF_-_440325	b0422	xseB		RTS_R4_-_103
pORF_-_442275	b0424	yajL	U	RTS_R4_-_104
pORF_-_442828	b0425	panE		RTS_R4_-_104
pORF_-_447874	b0431	cyoB		RTS_R4_-_106
pORF_-_449887	b0432	cyoA		RTS_R4_-_106
pORF_-_451294	b0433	ampG		RTS_R4_-_107
pORF_-_452813	b0434	yajG	U	RTS_R4_-_107
pORF_-_464076	b0444	queC	U	RTS_R4_-_108
pORF_-_464836	b0445	ybaE	U	RTS_R4_-_109
pORF_-_473525	b0452	tesB		RTS_R4_-_110
pORF_-_476291	b0457	ylaB	U	RTS_R4_-_112
pORF_-_478591	b0459	maa		RTS_R4_-_114
pORF_-_479314	b0460	hha		RTS_R4_-_115
pORF_-_480478	b0462	acrB		RTS_R4_-_116
pORF_-_483650	b0463	acrA		RTS_R4_-_116
pORF_-_489509	b0467	priC		RTS_R4_-_118
pORF_-_500786	b0478	ybaL	U	RTS_R4_-_121
pORF_-_505827	b0481	ybaK	U	RTS_R4_-_123
pORF_-_508099	b0484	copA		RTS_R4_-_125
pORF_-_514080	b0489	qmcA	U	RTS_R4_-_126
pORF_-_516649	b0492	ybbN	U	RTS_R4_-_127
pORF_-_517564	b0493	ybbO	U	RTS_R4_-_128
pORF_-_518363	b0494	tesA		RTS_R4_-_128
pORF_-_529356	b0503	ybbB		RTS_R4_-_129
pORF_-_542485	b0515	ylbA	U	RTS_R4_-_130
pORF_-_550750	b0522	purK		RTS_R4_-_131
pORF_-_551814	b0523	purE		RTS_R4_-_131
pORF_-_553166	b0525	ppiB		RTS_R4_-_132
pORF_-_555884	b0528	ybcJ	U	RTS_R4_-_134
pORF_-_556098	b0529	folD		RTS_R4_-_134
pORF_-_564038	b0537	intD	U	RTS_R4_-_135
pORF_-_573960	b0552	insH		RTS_R4_-_137
pORF_-_574981	b0553	nmpC	U	RTS_R4_-_138

pORF_-_577823	b0557	borD	U	RTS_R4_-_139
pORF_-_583903	b0565	ompT		RTS_R4_-_142
pORF_-_586314	b0567	ybcH	U	RTS_R4_-_144
pORF_-_587205	b0568	nfrA		RTS_R4_-_144
pORF_-_592551	b0570	cusS		RTS_R4_-_146
pORF_-_593983	b0571	cusR		RTS_R4_-_146
pORF_-_603994	b0578	nfsB		RTS_R4_-_149
pORF_-_604741	b0579	ybdF	U	RTS_R4_-_150
pORF_-_605488	b0581	ybdK	U	RTS_R4_-_151
pORF_-_609477	b0584	fepA		RTS_R4_-_153
pORF_-_618607	b0588	fepC		RTS_R4_-_154
pORF_-_622777	b0592	fepB		RTS_R4_-_155
pORF_-_631612	b0599	ybdH	U	RTS_R4_-_157
pORF_-_634572	b0602	ybdN	U	
pORF_-_637050	b0604	dsbG		RTS_R4_-_158
pORF_-_640662	b0607	uspG		RTS_R4_-_159
pORF_-_642780	b0610	rnk		RTS_R4_-_160
pORF_-_643420	b0611	rna		RTS_R4_-_161
pORF_-_653806	b0621	dcuC		RTS_R4_-_162
pORF_-_658474	b0628	lipA		RTS_R4_-_164
pORF_-_660860	b0630	lipB		RTS_R4_-_165
pORF_-_661602	b0631	ybeD	U	RTS_R4_-_166
pORF_-_661975	b0632	dacA		RTS_R4_-_167
pORF_-_663325	b0633	rlpA		RTS_R4_-_168
pORF_-_665539	b0635	mrda		RTS_R4_-_169
pORF_-_667471	b0636	ybeA	U	RTS_R4_-_169
pORF_-_667942	b0637	ybeB	U	RTS_R4_-_169
pORF_-_669797	b0640	hoIA		RTS_R4_-_171
pORF_-_670828	b0641	rlpB		RTS_R4_-_171
pORF_-_671424	b0642	leuS		RTS_R4_-_171
pORF_-_680946	b0650	hscC		RTS_R4_-_173
pORF_-_682700	b0651	rihA		RTS_R4_-_174
pORF_-_683753	b0652	gltL		RTS_R4_-_175
pORF_-_685152	b0654	gltJ		RTS_R4_-_175
pORF_-_686062	b0655	gltI		RTS_R4_-_176
pORF_-_687220	b0656	insH		RTS_R4_-_177
pORF_-_688566	b0657	Int		RTS_R4_-_178
pORF_-_690129	b0658	ybeX		RTS_R4_-_178
pORF_-_691097	b0659	ybeY	U	RTS_R4_-_179
pORF_-_691561	b0660	ybeZ	U	RTS_R4_-_179
pORF_-_692754	b0661	miaB		RTS_R4_-_180
pORF_-_696736	b0674	asnB		RTS_R4_-_183
pORF_-_698797	b0675	nagD		RTS_R4_-_184
pORF_-_699597	b0676	nagC		RTS_R4_-_185
pORF_-_700826	b0677	nagA		RTS_R4_-_186
pORF_-_702034	b0678	nagB		RTS_R4_-_186
pORF_-_709423	b0683	fur		RTS_R4_-_187
pORF_-_710158	b0684	fldA		RTS_R4_-_188
pORF_-_710828	b0685	ybfE	U	RTS_R4_-_189
pORF_-_711261	b0686	ybfF	U	RTS_R4_-_189
pORF_-_717485	b0693	speF		RTS_R4_-_190
pORF_-_720953	b0695	kdpD		RTS_R4_-_192
pORF_-_752408	b0720	gltA		RTS_R4_-_196
pORF_-_784160	b0753	ybgS	U	RTS_R4_-_199
pORF_-_786066	b0755	gpmA		RTS_R4_-_200
pORF_-_787020	b0756	galM		RTS_R4_-_201
pORF_-_788054	b0757	galK		RTS_R4_-_202
pORF_-_789206	b0758	galT		RTS_R4_-_202
pORF_-_790262	b0759	galE		RTS_R4_-_202
pORF_-_791539	b0760	modF		RTS_R4_-_203
pORF_-_793079	b0761	modE		RTS_R4_-_204
pORF_-_796836	b0766	ybhA	U	RTS_R4_-_205
pORF_-_805221	b0772	ybhC	U	RTS_R4_-_207

pORF_-_806656	b0773	ybhB	U	RTS_R4_-_208
pORF_-_807191	b0774	bioA		RTS_R4_-_209
pORF_-_814962	b0780	ybhK	U	RTS_R4_-_210
pORF_-_821721	b0789	ybhO		RTS_R4_-_211
pORF_-_824225	b0792	ybhR	U	RTS_R4_-_212
pORF_-_826468	b0794	ybhF	U	RTS_R4_-_212
pORF_-_828197	b0795	ybhG	U	RTS_R4_-_213
pORF_-_829195	b0796	ybiH	U	RTS_R4_-_213
pORF_-_836888	b0802	ybiJ	U	RTS_R4_-_215
pORF_-_837753	b0804	ybiX	U	RTS_R4_-_217
pORF_-_838472	b0805	fiu	U	RTS_R4_-_218
pORF_-_842478	b0808	ybiO	U	RTS_R4_-_220
pORF_-_844964	b0809	glnQ		RTS_R4_-_221
pORF_-_846481	b0811	glnH		RTS_R4_-_221
pORF_-_847631	b0812	dps		RTS_R4_-_222
pORF_-_854047	b0819	ybiS	U	RTS_R4_-_226
pORF_-_857019	b0821	ybiU	U	RTS_R4_-_227
pORF_-_858436	b0822	ybiV	U	RTS_R4_-_227
pORF_-_859397	b0823	ybiW	U	
pORF_-_863603	b0826	moeB		RTS_R4_-_228
pORF_-_864352	b0827	moeA		RTS_R4_-_228
pORF_-_875933	b0835	yliG	U	RTS_R4_-_229
pORF_-_879077	b0838	yliJ	U	RTS_R4_-_230
pORF_-_881199	b0840	deoR		RTS_R4_-_231
pORF_-_884539	b0844	ybjI	U	RTS_R4_-_232
pORF_-_885354	b0845	ybjJ	U	RTS_R4_-_232
pORF_-_887357	b0847	ybjL	U	RTS_R4_-_234
pORF_-_889719	b0849	grxA		RTS_R4_-_235
pORF_-_899067	b0860	artJ		RTS_R4_-_236
pORF_-_900757	b0862	artQ		RTS_R4_-_237
pORF_-_901480	b0863	artI		RTS_R4_-_237
pORF_-_902229	b0864	artP		RTS_R4_-_237
pORF_-_903175	b0865	ybjP	U	RTS_R4_-_238
pORF_-_904963	b0868	ybjS	U	RTS_R4_-_239
pORF_-_907516	b0870	ltaE		RTS_R4_-_240
pORF_-_908554	b0871	poxB		RTS_R4_-_241
pORF_-_917351	b0877	ybjX	U	RTS_R4_-_246
pORF_-_921589	b0880	cspD		RTS_R4_-_247
pORF_-_925448	b0884	infA		RTS_R4_-_249
pORF_-_926697	b0886	cydC		RTS_R4_-_251
pORF_-_928419	b0887	cydD		RTS_R4_-_251
pORF_-_930308	b0888	trxB		RTS_R4_-_252
pORF_-_944154	b0897	ycaC	U	RTS_R4_-_253
pORF_-_949563	b0902	pflA		RTS_R4_-_255
pORF_-_950495	b0903	pflB		RTS_R4_-_256
pORF_-_952832	b0904	focA		RTS_R4_-_257
pORF_-_954095	b0905	ycaO	U	RTS_R4_-_258
pORF_-_983742	b0928	aspC		RTS_R4_-_261
pORF_-_985117	b0929	ompF		RTS_R4_-_262
pORF_-_986808	b0930	asnS		RTS_R4_-_263
pORF_-_988377	b0931	pncB		RTS_R4_-_264
pORF_-_992500	b0933	ssuB		RTS_R4_-_265
pORF_-_994066	b0935	ssuD		RTS_R4_-_265
pORF_-_1005714	b0947	ycbX	U	RTS_R4_-_267
pORF_-_1015175	b0954	fabA		RTS_R4_-_268
pORF_-_1015762	b0955	ycbZ	U	RTS_R4_-_269
pORF_-_1018236	b0957	ompA		RTS_R4_-_270
pORF_-_1020953	b0960	yccS	U	RTS_R4_-_272
pORF_-_1023125	b0961	yccF	U	RTS_R4_-_272
pORF_-_1025780	b0963	mgsA		RTS_R4_-_273
pORF_-_1026334	b0964	yccT	U	RTS_R4_-_274
pORF_-_1027627	b0966	hspQ		RTS_R4_-_275
pORF_-_1028002	b0967	yccW	U	RTS_R4_-_276

pORF_-_1029562	b0969	yccK	U	RTS_R4_-_277
pORF_-_1041253	b0981	etk		RTS_R4_-_282
pORF_-_1045072	b0984	gfcD	U	RTS_R4_-_282
pORF_-_1047168	b0985	gfcC	U	RTS_R4_-_282
pORF_-_1056485	b0995	torR		RTS_R4_-_284
pORF_-_1061773	b0999	cbpM		RTS_R4_-_285
pORF_-_1062078	b1000	cbpA		RTS_R4_-_285
pORF_-_1066087	b1003	yccJ	U	RTS_R4_-_286
pORF_-_1066335	b1004	wrbA		RTS_R4_-_286
pORF_-_1074143	b1014	putA		RTS_R4_-_289
pORF_-_1087062	b1023	pgaB	U	
pORF_-_1089089	b1024	pgaA	U	
pORF_-_1093498	b1026	insF		RTS_R4_-_293
pORF_-_1094361	b1027	insE		RTS_R4_-_293
pORF_-_1100074	b1037	csgG		RTS_R4_-_295
pORF_-_1100934	b1038	csgF	U	RTS_R4_-_295
pORF_-_1101769	b1040	csgD		RTS_R4_-_295
pORF_-_1113030	b1051	msyB	U	RTS_R4_-_297
pORF_-_1113487	b1053	mdtG	U	RTS_R4_-_298
pORF_-_1114885	b1054	lpxL		RTS_R4_-_299
pORF_-_1117124	b1056	yceI	U	RTS_R4_-_300
pORF_-_1118691	b1059	solA		RTS_R4_-_301
pORF_-_1119924	b1060	bssS	U	RTS_R4_-_302
pORF_-_1120465	b1061	dinI		RTS_R4_-_303
pORF_-_1120784	b1062	pyrC		RTS_R4_-_304
pORF_-_1121936	b1063	yceB	U	RTS_R4_-_305
pORF_-_1122630	b1064	grxB		RTS_R4_-_305
pORF_-_1123341	b1065	mdtH	U	
pORF_-_1128637	b1070	flgN		RTS_R4_-_306
pORF_-_1129058	b1071	flgM		RTS_R4_-_306
pORF_-_1140405	b1084	rne		RTS_R4_-_307
pORF_-_1145234	b1087	yceF	U	RTS_R4_-_308
pORF_-_1158585	b1102	fhuE		RTS_R4_-_310
pORF_-_1167423	b1111	ycfQ	U	RTS_R4_-_311
pORF_-_1168635	b1113	ycfS	U	RTS_R4_-_312
pORF_-_1169741	b1114	mfd		RTS_R4_-_313
pORF_-_1181006	b1123	potD		RTS_R4_-_314
pORF_-_1183681	b1126	potA		RTS_R4_-_314
pORF_-_1186342	b1128	ycfD	U	RTS_R4_-_315
pORF_-_1187539	b1129	phoQ		RTS_R4_-_316
pORF_-_1188999	b1130	phoP		RTS_R4_-_316
pORF_-_1189839	b1131	purB		RTS_R4_-_317
pORF_-_1191213	b1132	hflD	U	RTS_R4_-_317
pORF_-_1191890	b1133	mnmA		RTS_R4_-_317
pORF_-_1193050	b1134	nudJ		RTS_R4_-_318
pORF_-_1196756	b1138	ymfE	U	
pORF_-_1198902	b1140	intE	U	RTS_R4_-_319
pORF_-_1201482	b1145	ymfK		RTS_R4_-_321
pORF_-_1212551	b1162	ycgE	U	RTS_R4_-_325
pORF_-_1221528	b1171	ymgD	U	RTS_R4_-_327
pORF_-_1221867	b1172	ymgG	U	RTS_R4_-_327
pORF_-_1223502	b1174	minE		RTS_R4_-_328
pORF_-_1223772	b1175	minD		RTS_R4_-_328
pORF_-_1224608	b1176	minC		RTS_R4_-_328
pORF_-_1226294	b1178	ycgK	U	RTS_R4_-_330
pORF_-_1232114				RTS_R4_-_332
pORF_-_1232399	b1186	nhaB		RTS_R4_-_333
pORF_-_1234932	b1188	ycgB	U	RTS_R4_-_334
pORF_-_1239558	b1191	cvrA	U	RTS_R4_-_335
pORF_-_1241389	b1192	ldcA		RTS_R4_-_335
pORF_-_1243016	b1194	ycgR		RTS_R4_-_336
pORF_-_1244902	b1197	treA		RTS_R4_-_337
pORF_-_1246919	b1198	dhaM	U	RTS_R4_-_338

pORF_-_1248348	b1199	dhaL		RTS_R4_-_338
pORF_-_1248991	b1200	dhaK		RTS_R4_-_338
pORF_-_1252308	b1202	ycgV	U	RTS_R4_-_339
pORF_-_1255944	b1203	ychF	U	RTS_R4_-_340
pORF_-_1257152	b1204	pth		RTS_R4_-_341
pORF_-_1258347	b1206	ychM	U	RTS_R4_-_342
pORF_-_1260151	b1207	prs		RTS_R4_-_343
pORF_-_1261249	b1208	ispE		RTS_R4_-_344
pORF_-_1262100	b1209	loiB		RTS_R4_-_344
pORF_-_1272469	b1219	ychN	U	RTS_R4_-_352
pORF_-_1274402	b1221	narL		RTS_R4_-_353
pORF_-_1275045	b1222	narX		RTS_R4_-_353
pORF_-_1287005	b1232	purU		RTS_R4_-_356
pORF_-_1291732	b1237	hns		RTS_R4_-_358
pORF_-_1294669	b1241	adhE		RTS_R4_-_359
pORF_-_1304845	b1248	yciU	U	RTS_R4_-_360
pORF_-_1305209	b1249	cls		RTS_R4_-_360
pORF_-_1307040	b1250	kch		RTS_R4_-_361
pORF_-_1308593	b1251	yciI	U	RTS_R4_-_362
pORF_-_1309872	b1253	yciA	U	RTS_R4_-_363
pORF_-_1312742	b1257	yciE	U	RTS_R4_-_365
pORF_-_1313294	b1258	yciF	U	RTS_R4_-_365
pORF_-_1313880	b1259	yciG	U	RTS_R4_-_365
pORF_-_1314440	b1260	trpA		RTS_R4_-_366
pORF_-_1315246	b1261	trpB		RTS_R4_-_366
pORF_-_1316451	b1262	trpC		RTS_R4_-_366
pORF_-_1317813	b1263	trpD		RTS_R4_-_367
pORF_-_1319408	b1264	trpE		RTS_R4_-_367
pORF_-_1325791	b1270	btuR		RTS_R4_-_368
pORF_-_1326378	b1271	yciK	U	RTS_R4_-_368
pORF_-_1328441	b1273	yciN	U	RTS_R4_-_369
pORF_-_1336594	b1277	ribA		RTS_R4_-_370
pORF_-_1341134	b1283	osmB		RTS_R4_-_371
pORF_-_1341621	b1284	yciT	U	RTS_R4_-_372
pORF_-_1342460	b4596	yciZ	U	RTS_R4_-_373
pORF_-_1345002	b1286	rnb		RTS_R4_-_375
pORF_-_1347004	b1287	yciW	U	RTS_R4_-_376
pORF_-_1348275	b1288	fabI		RTS_R4_-_377
pORF_-_1349852	b1290	sapF	U	RTS_R4_-_378
pORF_-_1350660	b1291	sapD	U	RTS_R4_-_378
pORF_-_1352529	b1293	sapB	U	RTS_R4_-_378
pORF_-_1353491	b1294	sapA	U	RTS_R4_-_379
pORF_-_1355447	b1295	ymjA	U	RTS_R4_-_380
pORF_-_1355826	b1296	puuP		RTS_R4_-_381
pORF_-_1357514	b1297	puuA		RTS_R4_-_381
pORF_-_1364959	b1303	pspF		RTS_R4_-_382
pORF_-_1386329	b1324	tpx		RTS_R4_-_384
pORF_-_1387894	b1326	mpaA		RTS_R4_-_385
pORF_-_1392915	b1330	ynaI	U	RTS_R4_-_387
pORF_-_1395696	b1333	uspE		RTS_R4_-_388
pORF_-_1396798	b1334	fnr		RTS_R4_-_389
pORF_-_1404587	b1341	ydaM	U	RTS_R4_-_393
pORF_-_1409037	b1344	ttcA	U	RTS_R4_-_395
pORF_-_1412810	b1350	recE		RTS_R4_-_396
pORF_-_1417789	b1356	racR	U	RTS_R4_-_397
pORF_-_1425770	b1370	insH		RTS_R4_-_400
pORF_-_1431108	b1374	pinR	U	
pORF_-_1433209	b1376	uspF		RTS_R4_-_402
pORF_-_1433784	b1377	ompN		
pORF_-_1435284	b1378	ydbK	U	RTS_R4_-_403
pORF_-_1439345	b1379	hslJ		RTS_R4_-_404
pORF_-_1439878	b1380	ldhA		RTS_R4_-_405
pORF_-_1449621	b1387	maoC		RTS_R4_-_408

pORF_-_1480279	b1412	azoR		RTS_R4_-_410
pORF_-_1487985	b4493	gapC	U	RTS_R4_-_411
pORF_-_1488621				RTS_R4_-_411
pORF_-_1492172	b1422	ydcI	U	RTS_R4_-_413
pORF_-_1518987	b1451	yncD	U	RTS_R4_-_419
pORF_-_1522505	b1453	ansP		RTS_R4_-_420
pORF_-_1531306	b1462	yddH	U	RTS_R4_-_421
pORF_-_1532989	b1464	yddE	U	RTS_R4_-_422
pORF_-_1534638	b1466	narW		RTS_R4_-_423
pORF_-_1536874	b1468	narZ		RTS_R4_-_423
pORF_-_1542782	b1471	yddK	U	
pORF_-_1543762	b1472	yddL	U	
pORF_-_1550422	b1477	yddM	U	RTS_R4_-_425
pORF_-_1550852	b1478	adhP		RTS_R4_-_426
pORF_-_1551996	b1479	maeA		RTS_R4_-_427
pORF_-_1553850	b1480	sra		RTS_R4_-_428
pORF_-_1556055	b1484	ddpD		RTS_R4_-_430
pORF_-_1558955	b1487	ddpA		RTS_R4_-_430
pORF_-_1563782	b1490	yddV	U	RTS_R4_-_431
pORF_-_1566978	b1492	gadC	U	RTS_R4_-_433
pORF_-_1568669	b1493	gadB		RTS_R4_-_434
pORF_-_1570431	b1494	pqqL	U	RTS_R4_-_435
pORF_-_1573271	b1495	yddB	U	
pORF_-_1578866	b1498	ydeN	U	
pORF_-_1582231	b1501	ydeP	U	RTS_R4_-_436
pORF_-_1588878	b1507	hipA		RTS_R4_-_439
pORF_-_1592133	b1510	ydeK	U	RTS_R4_-_440
pORF_-_1596641	b1511	lsrK		RTS_R4_-_441
pORF_-_1598312	b1512	lsrR		RTS_R4_-_441
pORF_-_1607253	b1521	uxaB		RTS_R4_-_443
pORF_-_1610349	b1524	yneH	U	RTS_R4_-_444
pORF_-_1611339	b1525	sad	U	RTS_R4_-_445
pORF_-_1622129	b1536	ydeI	U	RTS_R4_-_450
pORF_-_1623359	b1538	dcp		RTS_R4_-_451
pORF_-_1635633	b1550	gnsB	U	RTS_R4_-_456
pORF_-_1636479	b1552	cspI		
pORF_-_1637054	b1553	ydfP	U	
pORF_-_1639363	b1557	cspB		RTS_R4_-_457
pORF_-_1643657	b1564	relB		RTS_R4_-_459
pORF_-_1650920	b1580	rspB	U	
pORF_-_1664548	b1593	ynfK	U	RTS_R4_-_465
pORF_-_1672996	b1602	pntB		RTS_R4_-_471
pORF_-_1674395	b1603	pntA		RTS_R4_-_471
pORF_-_1683209	b1611	fumC		RTS_R4_-_474
pORF_-_1684755	b1612	fumA		RTS_R4_-_475
pORF_-_1694486	b1618	uidR		RTS_R4_-_477
pORF_-_1695297	b1619	hdhA		RTS_R4_-_478
pORF_-_1701292	b1624	ydgJ	U	RTS_R4_-_480
pORF_-_1713050	b1636	pdxY		RTS_R4_-_482
pORF_-_1713972	b1637	tyrS		RTS_R4_-_483
pORF_-_1715375	b1638	pdxH		RTS_R4_-_484
pORF_-_1716517	b1640	anmK	U	RTS_R4_-_486
pORF_-_1718414	b1642	slyA		RTS_R4_-_487
pORF_-_1722158	b1646	sodC		RTS_R4_-_489
pORF_-_1722760	b1647	ydhF	U	RTS_R4_-_490
pORF_-_1731778	b1654	grxD	U	RTS_R4_-_492
pORF_-_1734145	b1657	ydhP	U	RTS_R4_-_493
pORF_-_1740625	b1662	ribC		RTS_R4_-_496
pORF_-_1742895	b1664	ydhQ	U	RTS_R4_-_497
pORF_-_1749752	b1673	ydhV	U	RTS_R4_-_498
pORF_-_1752956	b1675	ydhZ	U	RTS_R4_-_499
pORF_-_1755745	b1678	ynhG	U	RTS_R4_-_501
pORF_-_1756898	b1679	sufE		RTS_R4_-_502

pORF_-_1757327	b1680	sufS		RTS_R4_-_502
pORF_-_1758544	b1681	sufD		RTS_R4_-_502
pORF_-_1759790	b1682	sufC		RTS_R4_-_502
pORF_-_1760546	b1683	sufB		RTS_R4_-_502
pORF_-_1762042	b1684	sufA		RTS_R4_-_502
pORF_-_1762958	b1685	ydiH	U	RTS_R4_-_504
pORF_-_1763246	b1686	ydiI	U	RTS_R4_-_505
pORF_-_1763653	b1687	ydiJ	U	RTS_R4_-_505
pORF_-_1782758	b1702	pps		RTS_R4_-_507
pORF_-_1787832	b1706	ydiU	U	RTS_R4_-_508
pORF_-_1790833	b1709	btuD		RTS_R4_-_511
pORF_-_1791582	b1710	btuE	U	RTS_R4_-_511
pORF_-_1793277	b1712	ihfA		RTS_R4_-_513
pORF_-_1793581	b1713	pheT		RTS_R4_-_514
pORF_-_1795983	b1714	pheS		RTS_R4_-_514
pORF_-_1797417	b1716	rplT		RTS_R4_-_515
pORF_-_1797826	b1717	rpmI		RTS_R4_-_516
pORF_-_1798120	b1718	infC		RTS_R4_-_517
pORF_-_1798666	b1719	thrS		RTS_R4_-_518
pORF_-_1803349	b1722	ydiY	U	RTS_R4_-_519
pORF_-_1806721	b1726	yniB	U	RTS_R4_-_520
pORF_-_1817479	b1736	chbA		RTS_R4_-_523
pORF_-_1817880	b1737	chbC		RTS_R4_-_523
pORF_-_1819323	b1738	chbB		RTS_R4_-_523
pORF_-_1819942	b1739	osmE		RTS_R4_-_524
pORF_-_1823164	b1743	spy		RTS_R4_-_526
pORF_-_1824940	b1745	astB		RTS_R4_-_527
pORF_-_1826280	b1746	astD		RTS_R4_-_527
pORF_-_1827755	b1747	astA		RTS_R4_-_527
pORF_-_1828786	b1748	astC		RTS_R4_-_527
pORF_-_1843023	b1763	topB		RTS_R4_-_532
pORF_-_1844989	b1764	selD		RTS_R4_-_532
pORF_-_1846149	b1765	ydjA	U	RTS_R4_-_533
pORF_-_1852120	b1770	ydjF	U	RTS_R4_-_534
pORF_-_1853015	b1771	ydjG	U	
pORF_-_1854005	b1772	ydjH	U	
pORF_-_1858280	b1776	ydjL	U	
pORF_-_1859726	b1777	yeaC	U	RTS_R4_-_535
pORF_-_1860040	b1778	msrB		RTS_R4_-_535
pORF_-_1863750	b1782	mipA		RTS_R4_-_537
pORF_-_1878145	b1798	leuE		RTS_R4_-_542
pORF_-_1886085	b1805	fadD		RTS_R4_-_545
pORF_-_1887975	b1806	yeaY	U	RTS_R4_-_546
pORF_-_1888596	b1807	yeaZ	U	RTS_R4_-_547
pORF_-_1892576	b1811	yoaH	U	RTS_R4_-_549
pORF_-_1898053	b1816	yoaE	U	RTS_R4_-_552
pORF_-_1904275	b1822	rrmA		RTS_R4_-_553
pORF_-_1905250	b1823	cspC		RTS_R4_-_554
pORF_-_1907332	b1827	kdgR	U	RTS_R4_-_556
pORF_-_1909719	b1829	htpX	U	RTS_R4_-_557
pORF_-_1910792	b1830	prc		RTS_R4_-_558
pORF_-_1912860	b1831	proQ	U	RTS_R4_-_558
pORF_-_1913655	b1832	yebR		RTS_R4_-_559
pORF_-_1921389	b1839	yebY	U	RTS_R4_-_562
pORF_-_1922619	b1841	yobA	U	RTS_R4_-_562
pORF_-_1927072	b1846	yebE	U	RTS_R4_-_565
pORF_-_1928058	b1847	yebF	U	RTS_R4_-_566
pORF_-_1928481	b1848	yebG	U	RTS_R4_-_567
pORF_-_1930139	b1850	eda		RTS_R4_-_568
pORF_-_1930817	b1851	edd		RTS_R4_-_569
pORF_-_1932863	b1852	zwf		RTS_R4_-_570
pORF_-_1937246	b1855	lpxM		RTS_R4_-_571
pORF_-_1938337	b1856	yebA	U	RTS_R4_-_572

pORF_-_1939675	b1857	znuA		RTS_R4_-_572
pORF_-_1942370	b1860	ruvB		RTS_R4_-_573
pORF_-_1943389	b1861	ruvA		RTS_R4_-_573
pORF_-_1944879	b1863	ruvC		RTS_R4_-_574
pORF_-_1945435	b1864	yebC	U	RTS_R4_-_575
pORF_-_1946774	b1866	aspS		RTS_R4_-_575
pORF_-_1952602	b1872	torZ		RTS_R4_-_576
pORF_-_1956544	b1874	cutC		RTS_R4_-_577
pORF_-_1957304	b1875	yecM	U	RTS_R4_-_577
pORF_-_1960996	b1879	flhA	U	RTS_R4_-_578
pORF_-_1964417	b1881	cheZ		RTS_R4_-_578
pORF_-_1965072	b1882	cheY		RTS_R4_-_578
pORF_-_1965476	b1883	cheB		RTS_R4_-_578
pORF_-_1967407	b1885	tap		RTS_R4_-_578
pORF_-_1969054	b1886	tar		RTS_R4_-_578
pORF_-_1970860	b1887	cheW		
pORF_-_1971384	b1888	cheA		RTS_R4_-_579
pORF_-_1973353	b1889	motB		RTS_R4_-_579
pORF_-_1974276	b1890	motA		RTS_R4_-_579
pORF_-_1975871	b1892	flhD		RTS_R4_-_580
pORF_-_1978212	b1896	otsA		RTS_R4_-_582
pORF_-_1979611	b1897	otsB		RTS_R4_-_583
pORF_-_1980578	b4460	araH		RTS_R4_-_584
pORF_-_1983163	b1901	araF		RTS_R4_-_585
pORF_-_1985531	b4537	yecJ	U	RTS_R4_-_586
pORF_-_1987275	b1906	yecH	U	RTS_R4_-_588
pORF_-_1988978	b1908	yecA	U	RTS_R4_-_589
pORF_-_1990898	b1913	uvrC		RTS_R4_-_592
pORF_-_1992727	b1914	uvrY		RTS_R4_-_592
pORF_-_1995086	b1917	yecC	U	RTS_R4_-_594
pORF_-_1995835	b1918	yecS	U	RTS_R4_-_594
pORF_-_1996518	b1919	dcyD		RTS_R4_-_595
pORF_-_1997609	b1920	fliY		RTS_R4_-_596
pORF_-_1999094	b1922	fliA		RTS_R4_-_597
pORF_-_2000134	b1923	fliC		RTS_R4_-_598
pORF_-_2005701	b1928	yedD	U	RTS_R4_-_599
pORF_-_2010724	b1937	fliE		
pORF_-_2024347	b1956	yedQ	U	RTS_R4_-_602
pORF_-_2026473	b1958	yedI	U	RTS_R4_-_603
pORF_-_2028923	b1961	dcm		RTS_R4_-_604
pORF_-_2030408	b1962	yedJ	U	RTS_R4_-_605
pORF_-_2057988	b1987	cbl		RTS_R4_-_612
pORF_-_2060415	b1990	erfK	U	RTS_R4_-_614
pORF_-_2061412	b1991	cobT		RTS_R4_-_615
pORF_-_2064329	b1994	insH		RTS_R4_-_617
pORF_-_2077056	b2007	yeeX	U	RTS_R4_-_622
pORF_-_2078813	b2009	sbmC		RTS_R4_-_623
pORF_-_2079405	b2010	dacD		RTS_R4_-_624
pORF_-_2082250	b2012	yeeD	U	RTS_R4_-_625
pORF_-_2083728	b2014	yeeF	U	RTS_R4_-_626
pORF_-_2086328	b2016	yeeZ	U	RTS_R4_-_627
pORF_-_2087486	b2017	yefM		RTS_R4_-_628
pORF_-_2095345	b2027	cld		RTS_R4_-_629
pORF_-_2097886	b2029	gnd		RTS_R4_-_631
pORF_-_2099919	b2030	insH		RTS_R4_-_633
pORF_-_2100940	b4571	wbbL	U	RTS_R4_-_634
pORF_-_2101415	b2032	wbbK		RTS_R4_-_634
pORF_-_2102518	b2033	wbbJ	U	RTS_R4_-_634
pORF_-_2103089	b2034	wbbI	U	RTS_R4_-_635
pORF_-_2105250	b2036	glf		RTS_R4_-_635
pORF_-_2107605	b2038	rfbC		RTS_R4_-_637
pORF_-_2108162	b2039	rfbA		RTS_R4_-_637
pORF_-_2109101	b2040	rfbD		RTS_R4_-_638

pORF_-_2110000	b2041	rfbB		RTS_R4_-_638
pORF_-_2111458	b2042	galF	U	RTS_R4_-_639
pORF_-_2113931	b2044	wcaL	U	
pORF_-_2119633	b2048	cpsG		
pORF_-_2121108	b2049	cpsB		
pORF_-_2125217	b2053	gmd		
pORF_-_2126928	b2055	wcaE	U	
pORF_-_2130091	b2058	wcaB	U	
pORF_-_2137783	b2064	asmA	U	RTS_R4_-_640
pORF_-_2139658	b2065	dcd		RTS_R4_-_640
pORF_-_2140331	b2066	udk		RTS_R4_-_641
pORF_-_2166013	b2085	yegR	U	
pORF_-_2169857	b2091	gatD		RTS_R4_-_647
pORF_-_2170945	b2092	gatC		RTS_R4_-_647
pORF_-_2172304	b2093	gatB		RTS_R4_-_647
pORF_-_2172619	b2094	gatA		RTS_R4_-_647
pORF_-_2173081	b2095	gatZ		RTS_R4_-_647
pORF_-_2174372	b2096	gatY		RTS_R4_-_647
pORF_-_2175534	b2097	fbaB		RTS_R4_-_648
pORF_-_2180057	b2101	yegW	U	RTS_R4_-_649
pORF_-_2180855	b2102	yegX	U	RTS_R4_-_650
pORF_-_2181738	b2103	thiD		RTS_R4_-_650
pORF_-_2182535	b2104	thiM		RTS_R4_-_650
pORF_-_2183546	b2105	rcnR	U	RTS_R4_-_651
pORF_-_2188948	b2110	yehC	U	RTS_R4_-_652
pORF_-_2191081	b2113	mrp		RTS_R4_-_654
pORF_-_2210265	b2125	yehT	U	RTS_R4_-_657
pORF_-_2214503	b2129	yehX	U	RTS_R4_-_658
pORF_-_2215422	b2130	yehY	U	RTS_R4_-_658
pORF_-_2216586	b2131	osmF	U	RTS_R4_-_658
pORF_-_2217714	b2132	bgIX		RTS_R4_-_659
pORF_-_2221960	b2134	pbpG		RTS_R4_-_660
pORF_-_2223066	b2135	yohC	U	RTS_R4_-_661
pORF_-_2224531	b2137	yohF	U	RTS_R4_-_662
pORF_-_2235791	b2149	mgIA		RTS_R4_-_665
pORF_-_2237372	b2150	mgIB		RTS_R4_-_665
pORF_-_2239832	b2152	yehB	U	RTS_R4_-_666
pORF_-_2241006	b2153	folE		RTS_R4_-_666
pORF_-_2242800	b2155	cirA		RTS_R4_-_667
pORF_-_2245085	b2156	lysP		RTS_R4_-_668
pORF_-_2246759	b2157	yehE	U	RTS_R4_-_669
pORF_-_2252267	b2162	rihB		
pORF_-_2255451	b2165	yehN	U	
pORF_-_2257741	b2167	fruA		RTS_R4_-_671
pORF_-_2259449	b2168	fruK		RTS_R4_-_671
pORF_-_2260387	b2169	fruB		RTS_R4_-_671
pORF_-_2275915	b2181	yeyG	U	RTS_R4_-_672
pORF_-_2277810	b2183	rsuA		RTS_R4_-_673
pORF_-_2280962	b2186	yeyK		RTS_R4_-_674
pORF_-_2287087	b2192	insH		RTS_R4_-_676
pORF_-_2289380	b2194	ccmH		RTS_R4_-_677
pORF_-_2295043	b2201	ccmA		RTS_R4_-_677
pORF_-_2298289	b2206	napA		RTS_R4_-_678
pORF_-_2303130	b2210	mgo		RTS_R4_-_679
pORF_-_2304994	b2211	yoyI	U	RTS_R4_-_680
pORF_-_2309668	b2215	ompC		RTS_R4_-_682
pORF_-_2315049	b2218	rscC		RTS_R4_-_683
pORF_-_2328321	b4500	yfaS	U	
pORF_-_2332358	b2229	yfaT	U	
pORF_-_2332978	b2230	yfaA	U	
pORF_-_2334815	b2231	gyrA		RTS_R4_-_684
pORF_-_2338439	b2233	yfaL		RTS_R4_-_685
pORF_-_2347957	b2239	glpQ		RTS_R4_-_687

pORF_- _2349038	b2240	glpT		RTS_R4_- _687
pORF_- _2360453	b2249	yfaY	U	RTS_R4_- _689
pORF_- _2361755	b2250	yfaZ	U	RTS_R4_- _690
pORF_- _2363040	b2252	ais	U	
pORF_- _2371294	b2259	pmrD		RTS_R4_- _691
pORF_- _2371670	b2260	menE		RTS_R4_- _692
pORF_- _2373022	b2261	menC		RTS_R4_- _692
pORF_- _2373984	b2262	menB		RTS_R4_- _692
pORF_- _2375611	b2264	menD		RTS_R4_- _693
pORF_- _2377370	b2265	menF		RTS_R4_- _693
pORF_- _2378744	b2266	elaB	U	RTS_R4_- _694
pORF_- _2379104	b2267	elaA	U	RTS_R4_- _695
pORF_- _2388070	b2276	nuoN		RTS_R4_- _697
pORF_- _2391227	b2278	nuoL		RTS_R4_- _697
pORF_- _2393065	b2279	nuoK		RTS_R4_- _697
pORF_- _2393364	b2280	nuoJ		RTS_R4_- _697
pORF_- _2393930	b2281	nuoI		RTS_R4_- _697
pORF_- _2395461	b2283	nuoG		RTS_R4_- _697
pORF_- _2398240	b2284	nuoF		RTS_R4_- _697
pORF_- _2399574	b2285	nuoE		RTS_R4_- _697
pORF_- _2400077	b2286	nuoC		RTS_R4_- _697
pORF_- _2401973	b2287	nuoB		RTS_R4_- _697
pORF_- _2402651	b2288	nuoA		RTS_R4_- _697
pORF_- _2403725	b2289	lrhA		RTS_R4_- _698
pORF_- _2409461	b2293	yfbT	U	RTS_R4_- _700
pORF_- _2410122	b2294	yfbU	U	RTS_R4_- _700
pORF_- _2416656	b2299	yfcD	U	RTS_R4_- _702
pORF_- _2417256	b2300	yfcE	U	RTS_R4_- _702
pORF_- _2417863	b2301	yfcF	U	RTS_R4_- _703
pORF_- _2420671	b2305	yfcI	U	RTS_R4_- _704
pORF_- _2421758	b2306	hisP		RTS_R4_- _705
pORF_- _2423252	b2308	hisQ		RTS_R4_- _705
pORF_- _2424028	b2309	hisJ		RTS_R4_- _705
pORF_- _2425031	b2310	argT		RTS_R4_- _706
pORF_- _2426079	b2311	ubiX		RTS_R4_- _707
pORF_- _2426743	b2312	purF		RTS_R4_- _707
pORF_- _2429044	b2314	dedD	U	RTS_R4_- _708
pORF_- _2429696	b2315	folC		RTS_R4_- _709
pORF_- _2431034	b2316	accD		RTS_R4_- _709
pORF_- _2432846	b2318	truA		RTS_R4_- _711
pORF_- _2433658	b2319	usg	U	RTS_R4_- _711
pORF_- _2434737	b2320	pdxB		RTS_R4_- _712
pORF_- _2438407	b2323	fabB		RTS_R4_- _713
pORF_- _2441913	b2325	yfcL	U	RTS_R4_- _714
pORF_- _2443582	b2328	mepA		RTS_R4_- _715
pORF_- _2444410	b2329	aroC		RTS_R4_- _715
pORF_- _2445530	b2330	prmB		RTS_R4_- _715
pORF_- _2454349	b2340	sixA		RTS_R4_- _718
pORF_- _2455037	b2341	fadJ		RTS_R4_- _719
pORF_- _2457181	b2342	fadI		RTS_R4_- _719
pORF_- _2457788				RTS_R4_- _719
pORF_- _2458672	b2343	yfcZ	U	RTS_R4_- _720
pORF_- _2462274	b2346	vacJ	U	RTS_R4_- _721
pORF_- _2490026	b2374	frc		
pORF_- _2491789	b2375	yfdX	U	
pORF_- _2495079	b2379	yfdZ		RTS_R4_- _726
pORF_- _2500012	b2383	fryA	U	
pORF_- _2504669	b2386	fryC	U	
pORF_- _2506483	b2388	glk		RTS_R4_- _727
pORF_- _2509490	b2392	mntH		RTS_R4_- _728
pORF_- _2513665	b2395	yfeA	U	RTS_R4_- _729
pORF_- _2517279	b2400	gltX		RTS_R4_- _731
pORF_- _2519615	b2405	xapR		RTS_R4_- _732

pORF_-_2526183	b2411	ligA		RTS_R4_-_734
pORF_-_2528269	b2412	zipA		RTS_R4_-_735
pORF_-_2534408	b2418	pdxK		RTS_R4_-_736
pORF_-_2536694	b2421	cysM		RTS_R4_-_737
pORF_-_2537739	b2422	cysA		RTS_R4_-_737
pORF_-_2539701	b2424	cysU		RTS_R4_-_737
pORF_-_2540534	b2425	cysP		RTS_R4_-_737
pORF_-_2541854	b2426	ucpA	U	RTS_R4_-_738
pORF_-_2547668	b2431	yfeX	U	RTS_R4_-_740
pORF_-_2548663	b2432	yfeY	U	RTS_R4_-_741
pORF_-_2549735	b2434	ypeA	U	RTS_R4_-_741
pORF_-_2553763	b2439	eutL	U	RTS_R4_-_742
pORF_-_2554432	b2440	eutC		RTS_R4_-_742
pORF_-_2555340	b2441	eutB		RTS_R4_-_742
pORF_-_2563503	b2451	eutA		
pORF_-_2568370	b2455	eutE	U	
pORF_-_2570179	b2457	eutM	U	
pORF_-_2570511	b2458	eutD	U	
pORF_-_2574120	b2463	maeB	U	RTS_R4_-_744
pORF_-_2580925	b2467	nudK	U	RTS_R4_-_746
pORF_-_2581568	b2468	aegA	U	
pORF_-_2591866	b2474	ypfI	U	RTS_R4_-_749
pORF_-_2593896	b2475	ypfJ	U	RTS_R4_-_749
pORF_-_2594927	b2476	purC		RTS_R4_-_750
pORF_-_2595853	b2477	bamC		RTS_R4_-_751
pORF_-_2596904	b2478	dapA		RTS_R4_-_751
pORF_-_2616097	b2496	hda		RTS_R4_-_753
pORF_-_2618268	b2498	upp		RTS_R4_-_755
pORF_-_2628980	b2507	guaA		RTS_R4_-_756
pORF_-_2630626	b2508	guaB		RTS_R4_-_757
pORF_-_2633621	b2510	yfgJ	U	RTS_R4_-_758
pORF_-_2633906	b2511	der	U	RTS_R4_-_759
pORF_-_2635496	b2512	bamB		RTS_R4_-_760
pORF_-_2636685	b2513	yfgM	U	RTS_R4_-_760
pORF_-_2637323	b2514	hisS		RTS_R4_-_760
pORF_-_2638708	b2515	ispG		RTS_R4_-_761
pORF_-_2639853	b2516	yfgA	U	RTS_R4_-_761
pORF_-_2641151	b2517	rlmN	U	RTS_R4_-_762
pORF_-_2642455	b2518	ndk		RTS_R4_-_763
pORF_-_2645348	b2520	yfhM	U	RTS_R4_-_765
pORF_-_2652179	b2522	sseB		RTS_R4_-_767
pORF_-_2653097	b2523	pepB		RTS_R4_-_767
pORF_-_2654558	b2524	iscX	U	RTS_R4_-_768
pORF_-_2654770	b2525	fdx		RTS_R4_-_768
pORF_-_2655107	b2526	hscA		RTS_R4_-_768
pORF_-_2656974	b2527	hscB		RTS_R4_-_769
pORF_-_2657585	b2528	iscA		RTS_R4_-_769
pORF_-_2657925	b2529	iscU		RTS_R4_-_770
pORF_-_2658339	b2530	iscS		RTS_R4_-_770
pORF_-_2659665	b2531	iscR		RTS_R4_-_770
pORF_-_2660605	b2532	trmJ	U	RTS_R4_-_771
pORF_-_2672722	b2545	yphC	U	RTS_R4_-_773
pORF_-_2674872	b2547	yphE	U	RTS_R4_-_774
pORF_-_2677486	b2549	yphG	U	RTS_R4_-_775
pORF_-_2682276	b2551	glyA		RTS_R4_-_776
pORF_-_2685092	b2553	glnB		RTS_R4_-_777
pORF_-_2685491	b2554	yfhA	U	RTS_R4_-_778
pORF_-_2686815	b2555	yfhG	U	RTS_R4_-_778
pORF_-_2687693	b2556	yfhK	U	RTS_R4_-_779
pORF_-_2689678	b2557	purL		RTS_R4_-_780
pORF_-_2698640	b2563	acpS		RTS_R4_-_783
pORF_-_2699020	b2564	pdxJ		RTS_R4_-_783
pORF_-_2700503	b2566	era		RTS_R4_-_783

pORF_- _2701405	b2567	rnc		RTS_R4_- _783
pORF_- _2702357	b2568	lepB		RTS_R4_- _784
pORF_- _2703347	b2569	lepA		RTS_R4_- _784
pORF_- _2705820	b2571	rseB		RTS_R4_- _785
pORF_- _2706776	b2572	rseA		RTS_R4_- _785
pORF_- _2707459	b2573	rpoE		RTS_R4_- _786
pORF_- _2714088	b2579	yfiD		RTS_R4_- _789
pORF_- _2715513	b2581	yfiF	U	RTS_R4_- _790
pORF_- _2722470	b2587	kgpP		RTS_R4_- _791
pORF_- _2729622	b2592	clpB		RTS_R4_- _794
pORF_- _2732325	b2593	yfiH	U	RTS_R4_- _796
pORF_- _2733053	b2594	rluD		RTS_R4_- _796
pORF_- _2736970	b2600	tyrA		RTS_R4_- _798
pORF_- _2738102	b2601	aroF		RTS_R4_- _798
pORF_- _2742205	b2606	rplS		RTS_R4_- _799
pORF_- _2742594	b2607	trmD		RTS_R4_- _799
pORF_- _2743392	b2608	rimM		RTS_R4_- _799
pORF_- _2743959	b2609	rpsP		RTS_R4_- _799
pORF_- _2744456	b2610	ffh		RTS_R4_- _800
pORF_- _2748137	b2614	grpE		RTS_R4_- _801
pORF_- _2752030	b2618	yfjF	U	RTS_R4_- _802
pORF_- _2769862	b2638	yfjU	U	RTS_R4_- _805
pORF_- _2770189	b2641	yfjV	U	RTS_R4_- _806
pORF_- _2776168	b2647	ypjA		RTS_R4_- _807
pORF_- _2794359	b2665	ygaU	U	RTS_R4_- _810
pORF_- _2796113	b2669	stpA		RTS_R4_- _812
pORF_- _2812240	b2687	luxS		RTS_R4_- _817
pORF_- _2812905	b2688	gshA		RTS_R4_- _818
pORF_- _2814959	b2690	yqaB	U	RTS_R4_- _819
pORF_- _2816983	b2696	csrA		RTS_R4_- _824
pORF_- _2817403	b2697	alaS		RTS_R4_- _825
pORF_- _2820161	b2698	recX		
pORF_- _2820730	b2699	recA		RTS_R4_- _826
pORF_- _2821871	b2700	ygaD	U	RTS_R4_- _827
pORF_- _2822513	b2701	mltB		RTS_R4_- _828
pORF_- _2833195	b2712	hypF		RTS_R4_- _830
pORF_- _2836276	b2714	ascG		RTS_R4_- _831
pORF_- _2840595	b2717	hycI		RTS_R4_- _832
pORF_- _2845437	b2723	hycC		
pORF_- _2854475	b2732	ygbA	U	RTS_R4_- _833
pORF_- _2864581	b2741	rpoS		RTS_R4_- _835
pORF_- _2865636	b2742	nlpD	U	RTS_R4_- _836
pORF_- _2866915	b2743	pcm		RTS_R4_- _837
pORF_- _2867535	b2744	surE		RTS_R4_- _837
pORF_- _2868277	b2745	truD		RTS_R4_- _838
pORF_- _2869323	b2746	ispF		RTS_R4_- _838
pORF_- _2869802	b2747	ispD		RTS_R4_- _838
pORF_- _2870531	b2748	ftsB		RTS_R4_- _838
pORF_- _2871409	b2750	cysC		RTS_R4_- _840
pORF_- _2872014	b2751	cysN		RTS_R4_- _840
pORF_- _2873443	b2752	cysD		RTS_R4_- _840
pORF_- _2879073	b2758	ygcJ	U	RTS_R4_- _844
pORF_- _2882575	b2761	ygcB	U	RTS_R4_- _845
pORF_- _2885600	b2762	cysH		RTS_R4_- _847
pORF_- _2886409	b2763	cysI		RTS_R4_- _847
pORF_- _2888121	b2764	cysJ		RTS_R4_- _847
pORF_- _2895986	b4463	ygcU	U	RTS_R4_- _848
pORF_- _2897510	b2774	ygcW	U	RTS_R4_- _848
pORF_- _2902769	b2777	ygcF	U	RTS_R4_- _850
pORF_- _2904665	b2779	eno		RTS_R4_- _851
pORF_- _2906051	b2780	pyrG		RTS_R4_- _852
pORF_- _2907916	b2781	mazG		RTS_R4_- _853
pORF_- _2908778	b2782	chpA		RTS_R4_- _853

pORF_-_2909113	b2783	chpR		RTS_R4_-_853
pORF_-_2909439	b2784	relA		RTS_R4_-_854
pORF_-_2911721	b2785	rumA		RTS_R4_-_855
pORF_-_2916067	b2787	gudD		RTS_R4_-_856
pORF_-_2917428	b2788	gudX	U	RTS_R4_-_856
pORF_-_2920557	b2790	yqcA	U	RTS_R4_-_857
pORF_-_2921024	b2791	truC		RTS_R4_-_857
pORF_-_2921806	b2792	yqcC	U	RTS_R4_-_857
pORF_-_2922757	b2793	syd	U	RTS_R4_-_859
pORF_-_2929887	b2799	fucO		RTS_R4_-_860
pORF_-_2938165	b2806	ygdE	U	RTS_R4_-_861
pORF_-_2939672	b2808	gcvA		RTS_R4_-_862
pORF_-_2940940	b2809	ygdI	U	RTS_R4_-_863
pORF_-_2943058	b2812	ygdL	U	RTS_R4_-_864
pORF_-_2944103	b2813	mltA		RTS_R4_-_865
pORF_-_2948657	b2819	recD		RTS_R4_-_867
pORF_-_2950483	b2820	recB		RTS_R4_-_867
pORF_-_2954018	b2821	ptrA		RTS_R4_-_868
pORF_-_2957082	b2822	recC		RTS_R4_-_869
pORF_-_2962383	b2827	thyA		RTS_R4_-_871
pORF_-_2963184	b2828	lgt		RTS_R4_-_871
pORF_-_2964210	b2829	ptsP		RTS_R4_-_872
pORF_-_2970691	b2835	lplT	U	RTS_R4_-_873
pORF_-_2971877	b2836	aas		RTS_R4_-_874
pORF_-_2975659	b2838	lysA		RTS_R4_-_877
pORF_-_2977965	b2840	ygeA	U	RTS_R4_-_878
pORF_-_2978786	b2841	araE		RTS_R4_-_878
pORF_-_2980519	b2842	kduD		RTS_R4_-_879
pORF_-_2982433	b2844	yqeF	U	RTS_R4_-_880
pORF_-_3002030	b2869	ygeV	U	RTS_R4_-_885
pORF_-_3010636	b2875	yqeB	U	RTS_R4_-_886
pORF_-_3012309	b2876	yqeC	U	RTS_R4_-_886
pORF_-_3027034	b2887	ygfT	U	RTS_R4_-_889
pORF_-_3031679	b2890	lysS		RTS_R4_-_890
pORF_-_3033206				RTS_R4_-_890
pORF_-_3034227				RTS_R4_-_890
pORF_-_3034395	b2892	recJ		RTS_R4_-_891
pORF_-_3036134	b2893	dsbC		RTS_R4_-_891
pORF_-_3036869	b2894	xerD		RTS_R4_-_891
pORF_-_3038826	b2897	ygfY	U	RTS_R4_-_892
pORF_-_3041334	b2900	yqfB	U	RTS_R4_-_894
pORF_-_3043180	b2902	ygfF	U	RTS_R4_-_895
pORF_-_3044190	b2903	gcvP		RTS_R4_-_896
pORF_-_3047182	b2904	gcvH		RTS_R4_-_897
pORF_-_3047595	b2905	gcvT		RTS_R4_-_897
pORF_-_3049137	b2906	visC	U	RTS_R4_-_898
pORF_-_3050362	b2907	ubiH		RTS_R4_-_898
pORF_-_3051537	b2908	pepP		RTS_R4_-_898
pORF_-_3052888	b2909	ygfB	U	RTS_R4_-_898
pORF_-_3055200	b2913	serA		RTS_R4_-_899
pORF_-_3056688	b2914	rpiA		RTS_R4_-_900
pORF_-_3064299	b2921	ygfI	U	
pORF_-_3065362	b2922	yggE	U	RTS_R4_-_901
pORF_-_3066969	b2924	mscS		RTS_R4_-_903
pORF_-_3068187	b2925	fbaA		RTS_R4_-_904
pORF_-_3069481	b2926	pgk		RTS_R4_-_905
pORF_-_3070694	b2927	epd		RTS_R4_-_906
pORF_-_3071998	b2928	yggC	U	RTS_R4_-_907
pORF_-_3075493	b2933	cmtA	U	
pORF_-_3077666	b2935	tktA		RTS_R4_-_908
pORF_-_3080899	b2937	speB		RTS_R4_-_909
pORF_-_3081957	b2938	speA		RTS_R4_-_910
pORF_-_3092122	b2950	yggR	U	

pORF_-_3097704	b2957	ansB		RTS_R4_-_912
pORF_-_3098926	b2958	yggN	U	RTS_R4_-_913
pORF_-_3099829	b2959	yggL	U	RTS_R4_-_914
pORF_-_3100155	b2960	trmI		RTS_R4_-_915
pORF_-_3105042	b2965	speC		RTS_R4_-_916
pORF_-_3110076	b2970	yghF	U	RTS_R4_-_917
pORF_-_3112572	b4466	yghJ	U	RTS_R4_-_919
pORF_-_3117619	b2975	glcA		RTS_R4_-_920
pORF_-_3119656	b2976	glcB		RTS_R4_-_921
pORF_-_3121849	b2977	glcG	U	RTS_R4_-_921
pORF_-_3123492	b4468	glcE		RTS_R4_-_922
pORF_-_3124544	b2979	glcD		RTS_R4_-_922
pORF_-_3129363	b2983	yghQ	U	
pORF_-_3134685	b2988	gsp		RTS_R4_-_923
pORF_-_3139308	b2994	hybC		RTS_R4_-_924
pORF_-_3148840	b3005	exbD		RTS_R4_-_929
pORF_-_3149272	b3006	exbB		RTS_R4_-_929
pORF_-_3156949	b4469	ygiQ	U	RTS_R4_-_932
pORF_-_3159279	b3017	ftsP		RTS_R4_-_933
pORF_-_3160766	b3018	plsC		RTS_R4_-_934
pORF_-_3161737	b3019	parC		RTS_R4_-_935
pORF_-_3164133	b3020	ygiS	U	RTS_R4_-_936
pORF_-_3165873	b3021	ygiT	U	RTS_R4_-_936
pORF_-_3167306	b3024	ygiW	U	RTS_R4_-_937
pORF_-_3171526	b3030	parE		RTS_R4_-_938
pORF_-_3173447	b3031	yqiA	U	RTS_R4_-_939
pORF_-_3174028	b3032	cpdA		RTS_R4_-_939
pORF_-_3175303	b3034	nudF		RTS_R4_-_940
pORF_-_3181835	b3041	ribB		RTS_R4_-_943
pORF_-_3189761	b3049	glgS	U	RTS_R4_-_945
pORF_-_3193342	b3052	rfaE		RTS_R4_-_949
pORF_-_3194823	b3053	glnE		RTS_R4_-_950
pORF_-_3197686	b3054	ygiF	U	RTS_R4_-_950
pORF_-_3207552	b3064	ygjD	U	RTS_R4_-_954
pORF_-_3212989	b3068	mug		RTS_R4_-_955
pORF_-_3213749	b3070	yqjH	U	RTS_R4_-_956
pORF_-_3215578	b3072	aer		RTS_R4_-_957
pORF_-_3231750	b3082	ygjM	U	RTS_R4_-_958
pORF_-_3232761	b3084	rlmG	U	RTS_R4_-_959
pORF_-_3239849	b3091	uxaA		RTS_R4_-_960
pORF_-_3241351	b3092	uxaC		RTS_R4_-_960
pORF_-_3243363				
pORF_-_3251340	b3105	yhaJ	U	RTS_R4_-_961
pORF_-_3253363	b4470	yhaM	U	RTS_R4_-_962
pORF_-_3256307	b4471	tdcG		
pORF_-_3257743	b3113	tdcF	U	
pORF_-_3258146	b3114	tdcE		
pORF_-_3260474	b3115	tdcD		
pORF_-_3261708	b3116	tdcC		
pORF_-_3263061	b3117	tdcB		
pORF_-_3264149	b3118	tdcA		
pORF_-_3268647	b3124	garK		RTS_R4_-_964
pORF_-_3269889	b3125	garR		RTS_R4_-_964
pORF_-_3275878	b3131	agaR		RTS_R4_-_965
pORF_-_3290497	b3146	yraL	U	RTS_R4_-_967
pORF_-_3295120	b3151	yraQ	U	RTS_R4_-_969
pORF_-_3296233	b3152	yraR	U	RTS_R4_-_969
pORF_-_3297494	b3154	yhbP	U	RTS_R4_-_970
pORF_-_3298277	b3156	yhbS	U	RTS_R4_-_971
pORF_-_3303993	b3162	deaD		RTS_R4_-_973
pORF_-_3306062	b3163	nlpI	U	RTS_R4_-_974
pORF_-_3307055	b3164	pnp		RTS_R4_-_975
pORF_-_3309437	b3165	rpsO		RTS_R4_-_976

pORF_-_3309855	b3166	truB		RTS_R4_-_977
pORF_-_3310799	b3167	rbfA		RTS_R4_-_977
pORF_-_3311364	b3168	infB	U	RTS_R4_-_978
pORF_-_3314061	b3169	nusA		RTS_R4_-_978
pORF_-_3315576	b3170	yhbC	U	RTS_R4_-_978
pORF_-_3318010	b3173	yhbX	U	
pORF_-_3320195	b3175	secG		RTS_R4_-_980
pORF_-_3320755	b3176	glmM		RTS_R4_-_981
pORF_-_3322085	b3177	folP		RTS_R4_-_982
pORF_-_3323023	b3178	hflB		RTS_R4_-_983
pORF_-_3325057	b3179	rrmJ		RTS_R4_-_984
pORF_-_3326261	b3181	greA		RTS_R4_-_985
pORF_-_3328604	b3183	obgE		RTS_R4_-_986
pORF_-_3329792	b3184	yhbE	U	RTS_R4_-_987
pORF_-_3330884	b3185	rpmA		RTS_R4_-_988
pORF_-_3331162	b3186	rplU		RTS_R4_-_988
pORF_-_3333257	b3189	murA		RTS_R4_-_989
pORF_-_3334571	b3190	yrbA	U	RTS_R4_-_990
pORF_-_3334985	b3191	yrbB	U	RTS_R4_-_991
pORF_-_3335278	b3192	yrbC	U	RTS_R4_-_991
pORF_-_3335932	b3193	yrbD	U	RTS_R4_-_992
pORF_-_3336488	b3194	yrbE	U	RTS_R4_-_992
pORF_-_3337278	b3195	yrbF	U	RTS_R4_-_992
pORF_-_3347828	b3209	elbB		RTS_R4_-_993
pORF_-_3348711	b3210	arcB		RTS_R4_-_994
pORF_-_3363724	b3218	insH		RTS_R4_-_997
pORF_-_3367497	b3222	nanK	U	RTS_R4_-_999
pORF_-_3368369	b3223	nanE	U	RTS_R4_-_999
pORF_-_3369106	b3224	nanT		RTS_R4_-_999
pORF_-_3370705	b3225	nanA		RTS_R4_-_999
pORF_-_3371720	b3226	nanR		RTS_R4_-_1000
pORF_-_3374301	b3228	sspB		RTS_R4_-_1001
pORF_-_3374804	b3229	sspA		RTS_R4_-_1001
pORF_-_3375837	b3230	rpsI		RTS_R4_-_1002
pORF_-_3376245	b3231	rplM		RTS_R4_-_1002
pORF_-_3376892	b3232	yhcM	U	RTS_R4_-_1003
pORF_-_3381352	b3236	mdh		RTS_R4_-_1004
pORF_-_3383879	b3239	yhcO	U	RTS_R4_-_1005
pORF_-_3388605	b3244	tldD	U	RTS_R4_-_1007
pORF_-_3390480	b4472	yhdP	U	RTS_R4_-_1008
pORF_-_3394348	b3247	rng		RTS_R4_-_1008
pORF_-_3395807	b3248	yhdE	U	RTS_R4_-_1009
pORF_-_3396897	b3250	mreC		RTS_R4_-_1010
pORF_-_3398066	b3251	mreB		RTS_R4_-_1010
pORF_-_3399414	b3252	csrD	U	RTS_R4_-_1011
pORF_-_3428042	b3281	aroE		RTS_R4_-_1014
pORF_-_3428865	b3282	rimN	U	RTS_R4_-_1015
pORF_-_3429442	b3283	yrdD	U	RTS_R4_-_1015
pORF_-_3437638	b3294	rplQ		RTS_R4_-_1019
pORF_-_3438062	b3295	rpoA		RTS_R4_-_1019
pORF_-_3439077	b3296	rpsD		RTS_R4_-_1019
pORF_-_3439731	b3297	rpsK		RTS_R4_-_1019
pORF_-_3440137	b3298	rpsM		RTS_R4_-_1019
pORF_-_3440640	b3299	rpmJ		RTS_R4_-_1019
pORF_-_3440788	b3300	secY		RTS_R4_-_1020
pORF_-_3442127	b3301	rplO		RTS_R4_-_1020
pORF_-_3442565	b3302	rpmD		RTS_R4_-_1020
pORF_-_3442748	b3303	rpsE		RTS_R4_-_1020
pORF_-_3443266	b3304	rplR		RTS_R4_-_1020
pORF_-_3443629	b3305	rplF		RTS_R4_-_1020
pORF_-_3444175	b3306	rpsH		RTS_R4_-_1020
pORF_-_3444601	b3307	rpsN		RTS_R4_-_1020
pORF_-_3444921	b3308	rplE		RTS_R4_-_1020

pORF_-_3445475	b3309	rplX		RTS_R4_-_1020
pORF_-_3445800	b3310	rplN		RTS_R4_-_1020
pORF_-_3446336	b3311	rpsQ		RTS_R4_-_1021
pORF_-_3446590	b3312	rpmC		RTS_R4_-_1021
pORF_-_3446781	b3313	rplP		RTS_R4_-_1021
pORF_-_3447204	b3314	rpsC		RTS_R4_-_1021
pORF_-_3447923	b3315	rplV		RTS_R4_-_1021
pORF_-_3448270	b3316	rpsS		RTS_R4_-_1021
pORF_-_3448565	b3317	rplB		RTS_R4_-_1021
pORF_-_3449404	b3318	rplW		RTS_R4_-_1021
pORF_-_3449703	b3319	rplD		RTS_R4_-_1021
pORF_-_3450319	b3320	rplC		RTS_R4_-_1021
pORF_-_3450981	b3321	rpsJ		RTS_R4_-_1021
pORF_-_3451951	b3323	gspA		RTS_R4_-_1022
pORF_-_3464271	b3336	bfr		RTS_R4_-_1023
pORF_-_3468167	b3339	tufA		RTS_R4_-_1026
pORF_-_3469422	b3340	fusA		RTS_R4_-_1027
pORF_-_3471564	b3341	rpsG		RTS_R4_-_1027
pORF_-_3472200	b3342	rpsL		RTS_R4_-_1027
pORF_-_3472700	b3343	yheL	U	RTS_R4_-_1028
pORF_-_3472995	b3344	yheM	U	RTS_R4_-_1028
pORF_-_3473354	b3345	yheN	U	RTS_R4_-_1028
pORF_-_3473740	b3346	yheO	U	RTS_R4_-_1028
pORF_-_3474629	b3347	fkpA		RTS_R4_-_1029
pORF_-_3475929	b3349	slyD		RTS_R4_-_1030
pORF_-_3483436	b3356	yhfA	U	RTS_R4_-_1032
pORF_-_3486982	b3359	argD		RTS_R4_-_1033
pORF_-_3488288	b3360	pabA		RTS_R4_-_1034
pORF_-_3488883	b3361	fic		RTS_R4_-_1034
pORF_-_3489475	b3362	yhfG	U	RTS_R4_-_1034
pORF_-_3489747	b3363	ppiA		RTS_R4_-_1035
pORF_-_3504054	b3377	yhfT	U	RTS_R4_-_1037
pORF_-_3510656	b3384	trpS		RTS_R4_-_1038
pORF_-_3511653	b3385	gph		RTS_R4_-_1039
pORF_-_3512404	b3386	rpe		RTS_R4_-_1039
pORF_-_3513099	b3387	dam		RTS_R4_-_1040
pORF_-_3514042	b3388	damX	U	RTS_R4_-_1041
pORF_-_3515420	b3389	aroB		RTS_R4_-_1042
pORF_-_3516565	b3390	aroK		RTS_R4_-_1042
pORF_-_3523611	b3397	nudE		RTS_R4_-_1044
pORF_-_3528737	b3402	yhgE	U	RTS_R4_-_1045
pORF_-_3532538	b3404	envZ		RTS_R4_-_1046
pORF_-_3533887	b3405	ompR		RTS_R4_-_1046
pORF_-_3542096	b3412	bioH		RTS_R4_-_1048
pORF_-_3546008	b3416	malQ		RTS_R4_-_1049
pORF_-_3548102	b3417	malP		RTS_R4_-_1049
pORF_-_3557870	b3423	glpR		RTS_R4_-_1051
pORF_-_3558645	b3424	glpG	U	RTS_R4_-_1052
pORF_-_3559520	b3425	glpE		RTS_R4_-_1052
pORF_-_3562157	b3428	glgP		RTS_R4_-_1054
pORF_-_3564623	b3429	glgA		RTS_R4_-_1054
pORF_-_3566056	b3430	glgC		RTS_R4_-_1055
pORF_-_3567369	b3431	glgX		RTS_R4_-_1056
pORF_-_3569339	b3432	glgB		RTS_R4_-_1056
pORF_-_3571798	b3433	asd		RTS_R4_-_1057
pORF_-_3575088	b3437	gntK		RTS_R4_-_1058
pORF_-_3575754	b3438	gntR		RTS_R4_-_1059
pORF_-_3576973	b3439	yhhW	U	RTS_R4_-_1060
pORF_-_3577791	b3440	yhhX	U	RTS_R4_-_1060
pORF_-_3583104	b3447	ggT		RTS_R4_-_1063
pORF_-_3585393	b3449	ugpQ		RTS_R4_-_1064
pORF_-_3586133	b3450	ugpC		RTS_R4_-_1064
pORF_-_3589032	b3453	ugpB		RTS_R4_-_1064

pORF_-_3590747	b3454	livF		RTS_R4_-_1065
pORF_-_3591462	b3455	livG		RTS_R4_-_1065
pORF_-_3592226	b3456	livM		RTS_R4_-_1065
pORF_-_3594474	b3458	livK		RTS_R4_-_1065
pORF_-_3596578	b3460	livJ		RTS_R4_-_1066
pORF_-_3597952	b3461	rpoH		RTS_R4_-_1067
pORF_-_3599051	b3462	ftsX	U	RTS_R4_-_1068
pORF_-_3600102	b3463	ftsE	U	RTS_R4_-_1068
pORF_-_3600773	b3464	ftsY	U	RTS_R4_-_1068
pORF_-_3603274	b3467	yhhM	U	RTS_R4_-_1069
pORF_-_3606774	b3470	sirA	U	RTS_R4_-_1070
pORF_-_3624826	b3486	rbbA	U	RTS_R4_-_1073
pORF_-_3627558	b3487	yhiI	U	RTS_R4_-_1073
pORF_-_3628991	b3488	yhiJ	U	
pORF_-_3634231	b3492	yhiN	U	RTS_R4_-_1074
pORF_-_3640403	b3497	yhiQ	U	RTS_R4_-_1077
pORF_-_3641163	b3498	prlC		RTS_R4_-_1077
pORF_-_3650205	b3505	insH		RTS_R4_-_1080
pORF_-_3653989	b3509	hdeB		RTS_R4_-_1081
pORF_-_3654431	b3510	hdeA		RTS_R4_-_1081
pORF_-_3663009	b3516	gadX		RTS_R4_-_1084
pORF_-_3664203	b3517	gadA		RTS_R4_-_1085
pORF_-_3665814	b3518	yhjA	U	RTS_R4_-_1086
pORF_-_3674313	b3524	yhjG	U	RTS_R4_-_1087
pORF_-_3678467	b3527	yhjJ	U	RTS_R4_-_1089
pORF_-_3680184	b3528	dctA		RTS_R4_-_1090
pORF_-_3681653	b3529	yhjK	U	RTS_R4_-_1091
pORF_-_3699887	b3540	dppF		RTS_R4_-_1095
pORF_-_3700888	b3541	dppD		RTS_R4_-_1095
pORF_-_3701882	b3542	dppC		RTS_R4_-_1095
pORF_-_3702794	b3543	dppB		RTS_R4_-_1095
pORF_-_3704121	b3544	dppA		RTS_R4_-_1095
pORF_-_3706807	b3546	eptB	U	RTS_R4_-_1097
pORF_-_3712084	b3551	bisC		RTS_R4_-_1099
pORF_-_3716357	b3554	yiaF	U	RTS_R4_-_1100
pORF_-_3720351	b3559	glyS		RTS_R4_-_1101
pORF_-_3722430	b3560	glyQ		RTS_R4_-_1101
pORF_-_3725940	b3564	xylB		RTS_R4_-_1103
pORF_-_3727466	b3565	xylA		RTS_R4_-_1103
pORF_-_3739707	b3574	yiaJ	U	RTS_R4_-_1106
pORF_-_3749151	b3584	yiaT	U	RTS_R4_-_1108
pORF_-_3752996	b3588	aldB		RTS_R4_-_1109
pORF_-_3754699	b3589	yiaY	U	
pORF_-_3756040	b3590	selB		RTS_R4_-_1110
pORF_-_3757881	b3591	selA		RTS_R4_-_1110
pORF_-_3759370	b3592	yibF	U	RTS_R4_-_1111
pORF_-_3774194	b4554	yibT	U	RTS_R4_-_1115
pORF_-_3779764	b3607	cysE		RTS_R4_-_1116
pORF_-_3780665	b3608	gpsA		RTS_R4_-_1117
pORF_-_3781684	b3609	secB		RTS_R4_-_1117
pORF_-_3782214	b3610	grxC		RTS_R4_-_1118
pORF_-_3782607	b3611	yibN	U	RTS_R4_-_1119
pORF_-_3787070	b3615	yibD	U	
pORF_-_3788343	b3616	tdh		RTS_R4_-_1120
pORF_-_3789378	b3617	kbl		RTS_R4_-_1120
pORF_-_3796262	b3623	waaU		RTS_R4_-_1122
pORF_-_3798290	b3625	rfaY		RTS_R4_-_1123
pORF_-_3799006	b3626	rfaJ		RTS_R4_-_1124
pORF_-_3800062	b3627	rfaI		RTS_R4_-_1124
pORF_-_3801081	b3628	rfaB		RTS_R4_-_1125
pORF_-_3802204	b3629	rfaS		RTS_R4_-_1126
pORF_-_3805087	b3632	rfaQ		RTS_R4_-_1128
pORF_-_3808366	b3635	mutM		RTS_R4_-_1129

pORF_-_3809273	b3636	rpmG		RTS_R4_-_1130
pORF_-_3809461	b3637	rpmB		RTS_R4_-_1130
pORF_-_3813150	b3642	pyrE		RTS_R4_-_1131
pORF_-_3813886	b3643	rph		RTS_R4_-_1131
pORF_-_3825483	b3653	gltS		RTS_R4_-_1132
pORF_-_3837198	b3661	nlpA		RTS_R4_-_1133
pORF_-_3848159	b3669	uhpA		RTS_R4_-_1135
pORF_-_3848825	b3670	ilvN		RTS_R4_-_1135
pORF_-_3849119	b3671	ilvB		RTS_R4_-_1135
pORF_-_3856424	b3679	yidK	U	
pORF_-_3864492	b3686	ibpB		RTS_R4_-_1139
pORF_-_3865032	b3687	ibpA		RTS_R4_-_1140
pORF_-_3866085	b3689	yidR	U	RTS_R4_-_1141
pORF_-_3869873	b4478	dgoD		RTS_R4_-_1142
pORF_-_3872494	b4479	dgoR	U	RTS_R4_-_1142
pORF_-_3874163	b3697	yidA	U	RTS_R4_-_1143
pORF_-_3875090	b3698	yidB	U	RTS_R4_-_1144
pORF_-_3875728	b3699	gyrB		RTS_R4_-_1145
pORF_-_3878171	b3700	recF		RTS_R4_-_1146
pORF_-_3879244	b3701	dnaN		RTS_R4_-_1147
pORF_-_3880349	b3702	dnaA		RTS_R4_-_1147
pORF_-_3893295	b3714	yieG	U	RTS_R4_-_1149
pORF_-_3900312	b3721	bglB		
pORF_-_3903754	b3723	bglG		
pORF_-_3904876	b3724	phoU		RTS_R4_-_1150
pORF_-_3905616	b3725	pstB		RTS_R4_-_1150
pORF_-_3906572	b3726	pstA		RTS_R4_-_1150
pORF_-_3907462	b3727	pstC		RTS_R4_-_1150
pORF_-_3908508	b3728	pstS		RTS_R4_-_1150
pORF_-_3909862	b3729	glmS		RTS_R4_-_1151
pORF_-_3911853	b3730	glmU		RTS_R4_-_1151
pORF_-_3913576	b3731	atpC		RTS_R4_-_1152
pORF_-_3914016	b3732	atpD		RTS_R4_-_1152
pORF_-_3915425	b3733	atpG		RTS_R4_-_1152
pORF_-_3916339	b3734	atpA		RTS_R4_-_1152
pORF_-_3917893	b3735	atpH		RTS_R4_-_1152
pORF_-_3918441	b3736	atpF		RTS_R4_-_1152
pORF_-_3918973	b3737	atpE		RTS_R4_-_1152
pORF_-_3919259	b3738	atpB		RTS_R4_-_1152
pORF_-_3921080	b3740	gidB		RTS_R4_-_1153
pORF_-_3921767	b3741	mnmG		RTS_R4_-_1153
pORF_-_3924035	b3742	mioC		RTS_R4_-_1154
pORF_-_3924568	b3743	asnC		RTS_R4_-_1155
pORF_-_3926175	b3745	viaA	U	RTS_R4_-_1156
pORF_-_3927620	b3746	ravA	U	RTS_R4_-_1157
pORF_-_3938658	b3755	yieP	U	RTS_R4_-_1158
pORF_-_3945151	b4480	hdfR		RTS_R4_-_1159
pORF_-_3957555	b3775	ppiC		RTS_R4_-_1161
pORF_-_3960768	b3779	gpp		RTS_R4_-_1163
pORF_-_3962388	b3780	rhIB		RTS_R4_-_1163
pORF_-_3984709	b3802	hemY	U	RTS_R4_-_1165
pORF_-_3985908	b3803	hemX	U	RTS_R4_-_1165
pORF_-_3987111	b3804	hemD		RTS_R4_-_1166
pORF_-_3987848	b3805	hemC		RTS_R4_-_1166
pORF_-_3991762	b3807	cyaY		RTS_R4_-_1167
pORF_-_4002253	b3820	yigI	U	RTS_R4_-_1168
pORF_-_4009886	b3828	metR		RTS_R4_-_1170
pORF_-_4013377	b3830	ysgA	U	RTS_R4_-_1171
pORF_-_4022356	b3842	rfaH		RTS_R4_-_1172
pORF_-_4025632	b3845	fadA		RTS_R4_-_1173
pORF_-_4026805	b3846	fadB		RTS_R4_-_1173
pORF_-_4039438	b3857	mobA		RTS_R4_-_1174
pORF_-_4043693	b3862	yihG	U	RTS_R4_-_1175

pORF_-_4048156	b3865	yihA		RTS_R4_-_1176
pORF_-_4051892	b3868	glnG		RTS_R4_-_1178
pORF_-_4053313	b3869	glnL		RTS_R4_-_1178
pORF_-_4054648	b3870	glnA		RTS_R4_-_1179
pORF_-_4065263	b3878	yihQ		
pORF_-_4078322	b3891	fdhE		RTS_R4_-_1180
pORF_-_4079248	b3892	fdoI		RTS_R4_-_1181
pORF_-_4079880	b3893	fdoH		RTS_R4_-_1181
pORF_-_4080795	b3894	fdoG		RTS_R4_-_1181
pORF_-_4083258				RTS_R4_-_1181
pORF_-_4097514	b3907	rhaT		RTS_R4_-_1182
pORF_-_4101625	b3911	cpxA		RTS_R4_-_1184
pORF_-_4102995	b3912	cpxR		RTS_R4_-_1184
pORF_-_4108763	b3919	tpiA		RTS_R4_-_1185
pORF_-_4111749	b3924	fpr		RTS_R4_-_1187
pORF_-_4112592	b3925	glpX		RTS_R4_-_1188
pORF_-_4113737	b3926	glpK		RTS_R4_-_1189
pORF_-_4116868	b3929	rraA		RTS_R4_-_1190
pORF_-_4118439	b3931	hslU		RTS_R4_-_1192
pORF_-_4119780	b3932	hslV		RTS_R4_-_1192
pORF_-_4120403	b3933	ftsN		RTS_R4_-_1193
pORF_-_4121454	b3934	cytR		RTS_R4_-_1194
pORF_-_4122635	b3935	priA		RTS_R4_-_1195
pORF_-_4126101	b3938	metJ		RTS_R4_-_1196
pORF_-_4135063	b3944	yijF	U	
pORF_-_4135955	b3945	gldA		RTS_R4_-_1198
pORF_-_4137069	b3946	fsaB		RTS_R4_-_1198
pORF_-_4137743	b3947	ptsA	U	RTS_R4_-_1198
pORF_-_4146555	b3955	yijP	U	RTS_R4_-_1200
pORF_-_4148470	b3956	ppc		RTS_R4_-_1201
pORF_-_4151719	b3957	argE		RTS_R4_-_1202
pORF_-_4157413	b3962	sthA		RTS_R4_-_1204
pORF_-_4160193	b3965	trmA		RTS_R4_-_1205
pORF_-_4172099	b3974	coaA		RTS_R4_-_1207
pORF_-_4188758	b3990	thiH		RTS_R4_-_1209
pORF_-_4189888	b3991	thiG		RTS_R4_-_1209
pORF_-_4190660	b4407	thiS		RTS_R4_-_1209
pORF_-_4190844	b3992	thiF		RTS_R4_-_1209
pORF_-_4191592	b3993	thiE		RTS_R4_-_1209
pORF_-_4192227	b3994	thiC		RTS_R4_-_1209
pORF_-_4194355	b3995	rsd		RTS_R4_-_1210
pORF_-_4202665	b4005	purD		RTS_R4_-_1212
pORF_-_4203966	b4006	purH		RTS_R4_-_1212
pORF_-_4220827	b4018	iclR		RTS_R4_-_1214
pORF_-_4227476	b4021	pepE		RTS_R4_-_1215
pORF_-_4229382	b4023	pagB	U	RTS_R4_-_1216
pORF_-_4229907	b4024	lysC		RTS_R4_-_1217
pORF_-_4238802	b4031	xylE		
pORF_-_4243252	b4034	malE		RTS_R4_-_1219
pORF_-_4252066	b4041	plsB		RTS_R4_-_1220
pORF_-_4257511	b4046	zur		RTS_R4_-_1221
pORF_-_4261271	b4051	qor		RTS_R4_-_1222
pORF_-_4269072	b4058	uvrA		RTS_R4_-_1223
pORF_-_4281276	b4067	actP		RTS_R4_-_1227
pORF_-_4282922	b4068	yjch	U	RTS_R4_-_1227
pORF_-_4283436	b4069	acs		RTS_R4_-_1227
pORF_-_4294459	b4078	yjco	U	RTS_R4_-_1228
pORF_-_4301101	b4082	mdtN	U	
pORF_-_4302635	b4083	yjcS	U	
pORF_-_4306512	b4086	alsC		
pORF_-_4307471	b4087	alsA		
pORF_-_4309130	b4088	alsB		
pORF_-_4310124	b4089	rpiR		RTS_R4_-_1230

pORF_- 4315238	b4096	phnL		
pORF_- 4316029	b4097	phnK		
pORF_- 4322400	b4106	phnC		
pORF_- 4323321	b4107	yjdN	U	RTS_R4_- 1232
pORF_- 4324422	b4108	yjdM	U	RTS_R4_- 1233
pORF_- 4331305	b4113	basR		RTS_R4_- 1234
pORF_- 4336277	b4117	adiA		
pORF_- 4343703	b4122	fumB		RTS_R4_- 1236
pORF_- 4345427	b4123	dcuB		RTS_R4_- 1236
pORF_- 4347338	b4124	dcuR		RTS_R4_- 1237
pORF_- 4351223	b4129	lysU		RTS_R4_- 1239
pORF_- 4354493	b4131	cadA		
pORF_- 4360756	b4135	yjdC	U	RTS_R4_- 1242
pORF_- 4361368	b4136	dipZ	U	RTS_R4_- 1243
pORF_- 4363041	b4137	cutA		RTS_R4_- 1243
pORF_- 4363495	b4138	dcuA		RTS_R4_- 1244
pORF_- 4364914	b4139	aspA		RTS_R4_- 1245
pORF_- 4375212	b4149	blc		RTS_R4_- 1248
pORF_- 4375834	b4150	ampC		RTS_R4_- 1249
pORF_- 4377806	b4153	frdB		RTS_R4_- 1250
pORF_- 4378533	b4154	frdA		RTS_R4_- 1250
pORF_- 4384070	b4159	yjeP	U	RTS_R4_- 1251
pORF_- 4387415	b4160	psd		RTS_R4_- 1251
pORF_- 4388480	b4161	rsgA		RTS_R4_- 1252
pORF_- 4414464	b4189	yjFO	U	RTS_R4_- 1254
pORF_- 4415721	b4191	ulaR		RTS_R4_- 1255
pORF_- 4422539	b4199	yjfY	U	RTS_R4_- 1257
pORF_- 4424651	b4204	yjfZ	U	
pORF_- 4426102	b4206	ytfB	U	RTS_R4_- 1258
pORF_- 4431187	b4211	ytfG		RTS_R4_- 1261
pORF_- 4432645	b4213	cpdB		RTS_R4_- 1262
pORF_- 4436731	b4216	ytfJ	U	RTS_R4_- 1263
pORF_- 4437895	b4218	ytfL	U	RTS_R4_- 1264
pORF_- 4439561	b4219	msrA		RTS_R4_- 1265
pORF_- 4447145	b4226	ppa		RTS_R4_- 1266
pORF_- 4452634	b4232	fbp		RTS_R4_- 1267
pORF_- 4455337	b4234	yjgA	U	RTS_R4_- 1268
pORF_- 4458545	b4238	nrdD		RTS_R4_- 1269
pORF_- 4461077	b4239	treC		
pORF_- 4462782	b4240	treB		RTS_R4_- 1270
pORF_- 4464322	b4241	treR		RTS_R4_- 1270
pORF_- 4468550	b4243	yjgF		RTS_R4_- 1271
pORF_- 4469009	b4244	pyrI		RTS_R4_- 1272
pORF_- 4469483	b4245	pyrB		RTS_R4_- 1272
pORF_- 4475330	b4254	argI		RTS_R4_- 1275
pORF_- 4477057	b4256	yjgM	U	RTS_R4_- 1276
pORF_- 4479005	b4258	valS		RTS_R4_- 1277
pORF_- 4481860	b4259	holC		RTS_R4_- 1278
pORF_- 4482463	b4260	pepA		RTS_R4_- 1279
pORF_- 4486584	b4263	yjgR	U	RTS_R4_- 1280
pORF_- 4488164	b4264	idnR		RTS_R4_- 1281
pORF_- 4490610	b4266	idnO		
pORF_- 4493213	b4269	yjgB	U	RTS_R4_- 1282
pORF_- 4509481	b4288	fecD		RTS_R4_- 1288
pORF_- 4511429	b4290	fecB		RTS_R4_- 1288
pORF_- 4512376	b4291	fecA		RTS_R4_- 1289
pORF_- 4517361	b4295	yjhU	U	RTS_R4_- 1290
pORF_- 4526134	b4303	sgcQ	U	RTS_R4_- 1292
pORF_- 4528278	b4565	sgcB	U	RTS_R4_- 1292
pORF_- 4528553	b4305	sgcX	U	RTS_R4_- 1292
pORF_- 4535682	b4310	nanM	U	RTS_R4_- 1295
pORF_- 4555401	b4327	yjiE	U	RTS_R4_- 1297
pORF_- 4556377	b4328	iadA		RTS_R4_- 1298

pORF_-_4558020	b4330	yjiH	U	RTS_R4_-_1299
pORF_-_4562722	b4335	yjiM	U	RTS_R4_-_1300
pORF_-_4563989	b4336	yjiN	U	RTS_R4_-_1300
pORF_-_4574935	b4345	mcrC		
pORF_-_4575981	b4346	mcrB		RTS_R4_-_1303
pORF_-_4578091	b4348	hsdS		RTS_R4_-_1305
pORF_-_4579482	b4349	hsdM		RTS_R4_-_1305
pORF_-_4581272	b4350	hsdR		RTS_R4_-_1306
pORF_-_4585932	b4352	yjiA	U	RTS_R4_-_1307
pORF_-_4587152	b4354	yjiY	U	RTS_R4_-_1308
pORF_-_4592960	b4357	yjjM	U	RTS_R4_-_1309
pORF_-_4595173	b4359	mdoB		RTS_R4_-_1310
pORF_-_4597718	b4360	yjjA	U	RTS_R4_-_1311
pORF_-_4598261	b4361	dnaC		RTS_R4_-_1311
pORF_-_4599001	b4362	dnaT		RTS_R4_-_1311
pORF_-_4602898	b4367	fhuF		RTS_R4_-_1313
pORF_-_4604692	b4371	rsmC		RTS_R4_-_1315
pORF_-_4613538	b4380	yjjI	U	RTS_R4_-_1316
pORF_-_4621124	b4386	lplA		RTS_R4_-_1317
pORF_-_4622168	b4387	ytjB	U	RTS_R4_-_1317
pORF_-_4626878	b4391	yjjK	U	RTS_R4_-_1318
pORF_-_4631256	b4394	yjjX		RTS_R4_-_1319
pORF_-_4632464	b4396	rob		RTS_R4_-_1320
pORF_-_4637613	b4401	arcA		RTS_R4_-_1321

Supplementary Table 11: Genome-scale determination of modular units (MUs) representing potential transcription unit (MU)

Modular Unit (MU)	Start	End RBR	RTS	TSS composition	pORF composition	ORF composition (Current annotation)
MU-1	150	2575 RNAP_peak+_1	RTS_R4+_1	148;163;170	pORF+_337	thrL-thrA
MU-2	2600	5000 RNAP_peak+_2	RTS_R4+_2	2688	pORF+_2801;pORF+_3734	thrB-thrC
MU-3	5050	5525 RNAP_peak+_3	RTS_R4+_3	5118		yaaX
MU-4	8200	9200 RNAP_peak+_4	RTS_R4+_4	8191;8198;8204;8211;8230	pORF+_8175	talB
MU-5	9300	10100 RNAP_peak+_5	RTS_R4+_5	9277	pORF+_9303	mog
MU-6	12051	14051 RNAP_peak+_6	RTS_R4+_6	12048;12123;12159;12142	pORF+_12163	dnaK
MU-7	14076	15326 RNAP_peak+_7	RTS_R4+_7	14052	pORF+_14138	Tpke11-dnaJ
MU-8	15351	16801 RNAP_peak+_8	RTS_R4+_8	15247;15253;15276;15338	pORF+_15439	insL
MU-9	16976	17051 RNAP_peak+_9	RTS_R4+_9	16959		sokC
MU-10	17576	19701 RNAP_peak+_10	RTS_R4+_10	17462		nhaA-nhaR
MU-11	19801	20501 RNAP_peak+_11	RTS_R4+_11	19727;19742		NT
MU-12	21001	21376 RNAP_peak+_12	RTS_R4+_12	20912		yaaY
MU-13	21401	24976 RNAP_peak+_13	RTS_R4+_13	21383;21395	pORF+_21407;pORF+_22391	ribF-ileS
MU-14	25001	25726 RNAP_peak+_14	RTS_R4+_14	24971;25006		lspA
MU-15	25751	28201 RNAP_peak+_15	RTS_R4+_15	25695;25698;25701;25804	pORF+_25826;pORF+_26193; pORF+_27293	fkpB-ispH-rihC
MU-16	28276	29201 RNAP_peak+_16	RTS_R4+_16	28289;28343	pORF+_28374	dapB
MU-17	29555	34055 RNAP_peak+_17	RTS_R4+_17	29551;29620;29632	pORF+_29624;pORF+_30817	carA-carB
MU-18	34234	34784 RNAP_peak+_18	RTS_R4+_18	34226;34273	pORF+_34195	caiF
MU-19	42403	45750 RNAP_peak+_19			pORF+_44180	fixA-fixB-fixC-fixX
MU-20	45807	47138				yaaU
MU-21	47234	49509 RNAP_peak+_20	RTS_R4+_19	47215	pORF+_47246;pORF+_47673	kefF-kefC
MU-22	49809	50509 RNAP_peak+_21	RTS_R4+_20	49788;49799	pORF+_49688	foiA
MU-23	57284	58734 RNAP_peak+_22	RTS_R4+_21	57259;57261	pORF+_57319	djlA
MU-24	58784	59709 RNAP_peak+_23	RTS_R4+_22	58946		yabP
MU-25	70184	71184 RNAP_peak+_24	RTS_R4+_23	70221	pORF+_70336	araC
MU-26	71234	72284 RNAP_peak+_25	RTS_R4+_24	71240;71271		yabI
MU-27	77409	78909 RNAP_peak+_26	RTS_R4+_25	77357;77367		sgrS-setA
MU-28	84359	84734 RNAP_peak+_27	RTS_R4+_26	84298;84307		leuO
MU-29	85609	87834 RNAP_peak+_28	RTS_R4+_27	85599;85604	pORF+_85540;pORF+_87327	ilvI-ilvH
MU-30	88009	89159 RNAP_peak+_29	RTS_R4+_28	87837;87868;87969	pORF+_88028	fruR
MU-31	89634	89934 RNAP_peak+_30	RTS_R4+_29	89589	pORF+_89598	mraZ
MU-32	89959	90309 RNAP_peak+_31	RTS_R4+_30	89954;90014	pORF+_89965	mraW
MU-33	90334	90684 RNAP_peak+_32	RTS_R4+_31	90327	pORF+_91032	ftsL
MU-34	90709	93109 RNAP_peak+_33	RTS_R4+_32	90682;91028	pORF+_91032	ftsL-ftsI
MU-35	93134	100759 RNAP_peak+_34	RTS_R4+_33	93137;93145	pORF+_93166;pORF+_94650; pORF+_97087;pORF+_98400; pORF+_99644	murE-murF-mraY-murD-ftsW- murG
MU-36	100784	102759 RNAP_peak+_35	RTS_R4+_34	100740;100750	pORF+_100765;pORF+_1022 33	murC-ddlB
MU-37	102784	104584 RNAP_peak+_36	RTS_R4+_35	102763	pORF+_103155;pORF+_1039 82	ftsQ-ftsA
MU-38	104609	106484 RNAP_peak+_37	RTS_R4+_36	104560	pORF+_105305	ftsZ

MU-39	106509	107459 RNAP_peak+_38	RTS_R4+_37	106507;106519;106530	pORF+_106557	lpxC
MU-40	107709	107984 RNAP_peak+_39	RTS_R4+_38	107561		secM
MU-41	108009	111584 RNAP_peak+_40	RTS_R4+_39	107977;108025;108119;108132	pORF+_108279	secA-mutT
MU-42	113409	114484 RNAP_peak+_41	RTS_R4+_40	113396;113415;113436	pORF+_113444	guaC
MU-43	118734	120209 RNAP_peak+_42	RTS_R4+_41	118701;118918	pORF+_118733;pORF+_119242	ampD-ampE
MU-44	122063	122788 RNAP_peak+_43	RTS_R4+_42	122034	pORF+_122059	pdhR
MU-45	122988	127588 RNAP_peak+_44	RTS_R4+_43	122852;122860;122969;122975;122985;122992;123003	pORF+_123017;pORF+_125695	aceE-aceF
MU-46	127638	129321 RNAP_peak+_45	RTS_R4+_44	127700;127717	pORF+_127879	lpd
MU-47	129571	129596	RTS_R4+_45	129500		NT
MU-48	130246	130671	RTS_R4+_46	130202		NT
MU-49	131546	134246 RNAP_peak+_46	RTS_R4+_47	131519;131743	pORF+_131462	acnB
MU-50	134346	134821 RNAP_peak+_47	RTS_R4+_48	134339	pORF+_134340	yacL
MU-51	137071	138596 RNAP_peak+_48	RTS_R4+_49	137044;137049	pORF+_137044	cueO
MU-52	141371	142596 RNAP_peak+_49	RTS_R4+_50	141360;141407	pORF+_141356	hpt
MU-53	142646	144946 RNAP_peak+_50	RTS_R4+_51	142733	pORF+_142779	yadG-yadH-yadI
MU-54	145071	146250 RNAP_peak+_51	RTS_R4+_52	145108		yadE
MU-55	146968	147870 RNAP_peak+_52				yadD
MU-56	147600	147825 RNAP_peak+_53	RTS_R4+_53	147583;147647		NT
MU-57	162101	164526 RNAP_peak+_54	RTS_R4+_54	162077	pORF+_162060	hrpB
MU-58	164601	167226 RNAP_peak+_55	RTS_R4+_55	164648;164658	pORF+_164715	mrcB
MU-59	167451	169726 RNAP_peak+_56	RTS_R4+_56	167427;167443	pORF+_167484	fhuA
MU-60	169776	173576 RNAP_peak+_57	RTS_R4+_57	169728;169733	pORF+_169736;pORF+_170572;pORF+_171462	fhuC-fhuD-fhuB
MU-61	174951	176576 RNAP_peak+_58	RTS_R4+_58	174931;174975;175009;175074		clcA
MU-62	176601	177051 RNAP_peak+_59	RTS_R4+_59	176558;176561;176583;176592	pORF+_176577	erpA
MU-63	179226	180582 RNAP_peak+_60	RTS_R4+_60	179264	pORF+_179237	dgt
MU-64	180882	183582 RNAP_peak+_61	RTS_R4+_61	180852;180859	pORF+_180884	degP-cdaR
MU-65	186157	186832 RNAP_peak+_62	RTS_R4+_62	186142		NT
MU-66	189607	189757 RNAP_peak+_63	RTS_R4+_63	189639		tff
MU-67	189807	191707 RNAP_peak+_64	RTS_R4+_64	189842;189866	pORF+_189676;pORF+_190857	rpsB-tsfc
MU-68	191757	192732 RNAP_peak+_65	RTS_R4+_65	191754;191812;191820	pORF+_191855	pyrH
MU-69	192757	194532 RNAP_peak+_66	RTS_R4+_66	192617;192666;192790;192797;192814;192854;192863	pORF+_192872;pORF+_193521	frd-dxr
MU-70	194632	196532 RNAP_peak+_67	RTS_R4+_67	194843	pORF+_194903	ispU-cdsA
MU-71	196557	197882 RNAP_peak+_68	RTS_R4+_68	196415;196429	pORF+_196501	rseP
MU-72	197907	200257 RNAP_peak+_69	RTS_R4+_69	197823;197883	pORF+_197928	bamA
MU-73	200282	202007 RNAP_peak+_70	RTS_R4+_70	200138;200212;200256;200299;200305;200317;200378;200387;200399	pORF+_200482;pORF+_200971	skp-lpxD

MU-74	202032	208407	RNAP_peak+_71	RTS_R4+_71	202019;202066;202074;202082	pORF+_202008;pORF+_202560;pORF+_203348;pORF+_205126	fabZ-lpxA-lpxB-rnhB-dnaE
MU-75	208432	209582	RNAP_peak+_72	RTS_R4+_72	208412	pORF+_208621	accA
MU-76	209682	211757	RNAP_peak+_73	RTS_R4+_73	209658	pORF+_209679	ldcC
MU-77	211782	213682	RNAP_peak+_74	RTS_R4+_74	211858	pORF+_211850;pORF+_212331	yaeR-tilS
MU-78	214307	215282	RNAP_peak+_75	RTS_R4+_75	214269;214284		yaeQ-yaeJ
MU-79	215332	216107	RNAP_peak+_76	RTS_R4+_76	215123	pORF+_215269	nlpE
MU-80	222832	223707	RNAP_peak+_77	RTS_R4+_77	222806	pORF+_222833	gmhB
MU-81	223732	225607	RNAP_peak+_78	RTS_R4+_78	223771		rrsH-ileV-alaV
MU-82	225632	229012	RNAP_peak+_79	RTS_R4+_79	225711		rrlH-rrfH-aspU
MU-83	229162	229862	RNAP_peak+_80	RTS_R4+_80	229134	pORF+_229167	dkgB
MU-84	231087	232587	RNAP_peak+_81	RTS_R4+_81	231063	pORF+_231122	yafD-yafE
MU-85	234813	235463	RNAP_peak+_82	RTS_R4+_82	234785		yafS
MU-86	235963	236888	RNAP_peak+_83	RTS_R4+_83	236021	pORF+_236058	dnaQ
MU-87	236938	237038	RNAP_peak+_84	RTS_R4+_84	236861		aspV
MU-88	237335	238120					yafT
MU-89	238462	238586	RNAP_peak+_85				C0067
MU-90	239106	239378	RNAP_peak+_86			pORF+_239154	yafF
MU-91	240338	240813	RNAP_peak+_87	RTS_R4+_85	240333	pORF+_240343	ivy
MU-92	243488	245313	RNAP_peak+_88	RTS_R4+_86	243512;243522	pORF+_243510;pORF+_244312	lpcA-yafJ
MU-93	246688	248038	RNAP_peak+_89	RTS_R4+_87	246656		yafL-yafM
MU-94	248138	248338	RNAP_peak+_90	RTS_R4+_88	248128		NT
MU-95	250538	250788		RTS_R4+_89	250492	pORF+_249937	lafU
MU-96	250863	251838	RNAP_peak+_91	RTS_R4+_90	250883		dinB
MU-97	251913	252813	RNAP_peak+_92	RTS_R4+_91	251969		yafN-yafO-yafP
MU-98	252709	253161	RNAP_peak+_93				yafP
MU-99	253363	253463	RNAP_peak+_94	RTS_R4+_92	253336		NT
MU-100	253479	253685					ykfJ
MU-101	253702	254202					prfH
MU-102	255938	256438	RNAP_peak+_95	RTS_R4+_93	255918;255924;255936	pORF+_255977	gpt
MU-103	256513	257788	RNAP_peak+_96	RTS_R4+_94	256502;256509	pORF+_256527	frsA
MU-104	257813	258388	RNAP_peak+_97	RTS_R4+_95	257810	pORF+_257829	crI
MU-105	259489	261989	RNAP_peak+_98	RTS_R4+_96	259572;259576;259584	pORF+_259525;pORF+_260727	proB-proA
MU-106	262089	262214	RNAP_peak+_99	RTS_R4+_97	262064;262114		thrW
MU-107	268364	268539	RNAP_peak+_100	RTS_R4+_98	268350		NT
MU-108	269514	270839	RNAP_peak+_101	RTS_R4+_99	269482		insN-insI
MU-109	270864	272564	RNAP_peak+_102	RTS_R4+_100	270974;270979		insN-ykfC
MU-110	274539	277114	RNAP_peak+_103	RTS_R4+_101	274508	pORF+_274525;pORF+_275795	mmuP-mmuM
MU-111	278414	279314	RNAP_peak+_104	RTS_R4+_102			NT
MU-112	281481	287623				pORF+_281481;pORF+_282404;pORF+_284619	yagE-yagF-yagG-yagH

MU-113	289715	290040	RNAP_peak+_105	RTS_R4+_103	289619		NT
MU-114	290065	290590	RNAP_peak+_106	RTS_R4+_104			NT
MU-115	290765	291390	RNAP_peak+_107	RTS_R4+_105	290751		yagJ
MU-116	294940	295365	RNAP_peak+_108	RTS_R4+_106	294852		NT
MU-117	296365	296940	RNAP_peak+_109	RTS_R4+_107	296384		ptwF
MU-118	302165	303140	RNAP_peak+_110	RTS_R4+_108	302181;302183	pORF+_302215	yagU
MU-119	311336	311563	RNAP_peak+_111				ykgL
MU-120	312068	312193	RNAP_peak+_112	RTS_R4+_109	312032		NT
MU-121	313581	314452					eaeH
MU-122	314493	315693	RNAP_peak+_113	RTS_R4+_110		pORF+_314506;pORF+_314811	insE-insF
MU-123	316663	316791					ykgQ
MU-124	319468	319743	RNAP_peak+_114	RTS_R4+_111	319342;319351		ykgD
MU-125	320818	323868	RNAP_peak+_115	RTS_R4+_112	320708	pORF+_320832;pORF+_321562;pORF+_322829	ykgE-ykgF-ykgG
MU-126	328693	330368	RNAP_peak+_116	RTS_R4+_113	328645		betT
MU-127	330393	330768	RNAP_peak+_117	RTS_R4+_114	330428		NT
MU-128	331293	332618	RNAP_peak+_118	RTS_R4+_115	331089;331266;331462;331470	pORF+_331589	yahA
MU-129	334943	338943	RNAP_peak+_119	RTS_R4+_116	334399;334470	pORF+_334504;pORF+_335149;pORF+_336002;pORF+_337549	yahD-yahE-yahF-yahG
MU-130	339218	340093	RNAP_peak+_120	RTS_R4+_117	339162	pORF+_339389	yahI
MU-131	340368	341793	RNAP_peak+_121	RTS_R4+_118	340325	pORF+_340349	yahJ
MU-132	341968	343143	RNAP_peak+_122	RTS_R4+_119	342042;342062;342079	pORF+_342108	yahK
MU-133	343400	344215	RNAP_peak+_123				yahL
MU-134	344493	344643	RNAP_peak+_124	RTS_R4+_120	344602		NT
MU-135	344628	344873					yahM
MU-136	345668	346043	RNAP_peak+_125	RTS_R4+_121	345656;345664;345678	pORF+_345708	yahO
MU-137	347893	353543	RNAP_peak+_126	RTS_R4+_122	347871	pORF+_347906;pORF+_349236;pORF+_350439;pORF+_352003;pORF+_352501	prpB-prpC-prpD-prpE
MU-138	354143	357043	RNAP_peak+_127	RTS_R4+_123	354108;354119	pORF+_354146;pORF+_355380	codB-codA
MU-139	358023	360370			357998		cynT-cynS-cynX
MU-140	368052	374027	RNAP_peak+_128	RTS_R4+_124	367744	pORF+_370400	mhpA-mhpB-mhpC-mhpD-mhpF-mhpE
MU-141	374152	375852	RNAP_peak+_129	RTS_R4+_125	374107	pORF+_374638	mhpT
MU-142	375977	376952	RNAP_peak+_130	RTS_R4+_126	375966;375971	pORF+_375879	yaiL
MU-143	380506	381781	RNAP_peak+_131	RTS_R4+_127			insC-insD
MU-144	382156	382581	RNAP_peak+_132	RTS_R4+_128	382126		NT
MU-145	384456	387831	RNAP_peak+_133	RTS_R4+_129	384430	pORF+_384399;pORF+_385431;pORF+_386195;pORF+_387019	tauA-tauB-tauC-tauD
MU-146	389475	390932	RNAP_peak+_134		389071		yaiT
MU-147	390961	391361	RNAP_peak+_135	RTS_R4+_130			NT

MU-148	389475	394353	RNAP_peak+_136				yaiT-yaiV
MU-149	395536	396775	RNAP_peak+_137	RTS_R4+_131	395657;395704;395779		sbmA
MU-150	396875	398179	RNAP_peak+_138	RTS_R4+_132	396858	pORF+_397096	yaiW
MU-151	398804	399379	RNAP_peak+_139	RTS_R4+_133	398796		yaiZ
MU-152	400579	400954	RNAP_peak+_140	RTS_R4+_134	400543;400587	pORF+_400610	iraP
MU-153	400979	402829	RNAP_peak+_141	RTS_R4+_135	400875;400902;400916	pORF+_400902;pORF+_402487	phoA-psiF
MU-154	402980	404030	RNAP_peak+_142	RTS_R4+_136	402912		adrA
MU-155	405005	405455	RNAP_peak+_143	RTS_R4+_137	404965	pORF+_404868	yaiI
MU-156	405530	406180	RNAP_peak+_144	RTS_R4+_138	405456;405502	pORF+_405629	aroL
MU-157	406205	406530	RNAP_peak+_145	RTS_R4+_139	406176	pORF+_406203	yaiA
MU-158	406555	407380	RNAP_peak+_146	RTS_R4+_140	406399	pORF+_406652	aroM
MU-159	407405	407680	RNAP_peak+_147	RTS_R4+_141	407371	pORF+_407401	yaiE
MU-160	407780	408280	RNAP_peak+_148	RTS_R4+_142	407685		ykiA
MU-161	409305	410605	RNAP_peak+_149	RTS_R4+_143	409344	pORF+_409230	mak
MU-162	415456	416281		RTS_R4+_144	415429		NT
MU-163	416381	418381	RNAP_peak+_150	RTS_R4+_145	416378	pORF+_416366;pORF+_417113	phoB-phoR
MU-164	418581	420106	RNAP_peak+_151	RTS_R4+_146	418645;418776		brnQ
MU-165	420206	421606	RNAP_peak+_152	RTS_R4+_147	420146	pORF+_420207	proY
MU-166	421806	423656	RNAP_peak+_153	RTS_R4+_148	421719	pORF+_421739	malZ
MU-167	424231	426056	RNAP_peak+_154	RTS_R4+_149	424209	pORF+_424235;pORF+_425361	queA-tgt
MU-168	426081	426481	RNAP_peak+_155	RTS_R4+_150	425886;425978;426063;426165		NT
MU-169	426531	426831	RNAP_peak+_156	RTS_R4+_151	426428;426439;426472	pORF+_426481	yajC
MU-170	426859	429709	RNAP_peak+_157	RTS_R4+_152	426798;426873;426882;426887	pORF+_426871;pORF+_428684	secD-secF
MU-171	429809	430284	RNAP_peak+_158	RTS_R4+_153	429809		yajD
MU-172	432212	433712	RNAP_peak+_159	RTS_R4+_154	432199	pORF+_432226;pORF+_432679	nrdR-ribD
MU-173	433737	435712	RNAP_peak+_160	RTS_R4+_155	433735;433817;433820;433828	pORF+_433775;pORF+_434361;pORF+_434858	ribE-nusB-thiL
MU-174	435737	436337	RNAP_peak+_161	RTS_R4+_156	435808		pgpA
MU-175	437412	437687	RNAP_peak+_162	RTS_R4+_157	437492		NT
MU-176	440712	442212	RNAP_peak+_163	RTS_R4+_158	440693	pORF+_440773	thiI
MU-177	443812	444487	RNAP_peak+_164	RTS_R4+_159	443824;443852;443861;443882;443888	pORF+_443739	yajQ
MU-178	453587	454037	RNAP_peak+_165	RTS_R4+_160	453575;453607;453649;453658	pORF+_453663	bolA
MU-179	454112	455762	RNAP_peak+_166	RTS_R4+_161	454217;454228;454331	pORF+_454357	tig
MU-180	455787	457912	RNAP_peak+_167	RTS_R4+_162	455778;455801;455829;455867;455873;455882	pORF+_455901;pORF+_456650	clpP-clpX
MU-181	457980	459055	RNAP_peak+_168	RTS_R4+_163	457992;458039;458090	pORF+_458067	lon
MU-182	459080	460555	RNAP_peak+_169	RTS_R4+_164	459037;459330;459337;459339		NT

MU-183	460580	461005 RNAP_peak_+_170	RTS_R4_+_165	460556;460615;460619;460637;460655	pORF_+_460675	hupB
MU-184	461030	464005 RNAP_peak_+_171	RTS_R4_+_166	461076	pORF_+_461139;pORF_+_463626	ppiD-ybaV-ybaW
MU-185	466630	467480 RNAP_peak_+_172	RTS_R4_+_167	466606		cof
MU-186	467605	469505 RNAP_peak_+_173	RTS_R4_+_168	467581	pORF_+_468095	ybaO-mdIA
MU-187	470330	471605 RNAP_peak_+_174	RTS_R4_+_169		pORF_+_469746	mdIB
MU-188	471805	472130 RNAP_peak_+_175	RTS_R4_+_170	471781	pORF_+_471684	glnK
MU-189	472155	473480 RNAP_peak_+_176	RTS_R4_+_171	472073		amtB
MU-190	474555	475155 RNAP_peak_+_177	RTS_R4_+_172	474530;474538	pORF_+_474603	ybaY
MU-191	475680	475780 RNAP_peak_+_178	RTS_R4_+_173	475672		ffs
MU-192	475880	476255 RNAP_peak_+_179	RTS_R4_+_174	475842		ybaA
MU-193	477905	478980 RNAP_peak_+_180	RTS_R4_+_175	478077		NT
MU-194	484983	485533 RNAP_peak_+_181	RTS_R4_+_176	484940	pORF_+_484665	acrR
MU-195	485733	489283 RNAP_peak_+_182	RTS_R4_+_177	485713	pORF_+_485760	kefA
MU-196	490108	490508 RNAP_peak_+_183	RTS_R4_+_178	490082		ybaN
MU-197	490533	491208 RNAP_peak_+_184	RTS_R4_+_179	490534	pORF_+_490582	apt
MU-198	491283	493058 RNAP_peak_+_185	RTS_R4_+_180	491278	pORF_+_491316	dnaX
MU-199	493083	494233 RNAP_peak_+_186	RTS_R4_+_181	493133;493139;493170;493242;493275	pORF_+_493285;pORF_+_493629	ybaB-recR
MU-200	494308	496183 RNAP_peak_+_187	RTS_R4_+_182	494300;494306;494314;494328	pORF_+_494344	htpG
MU-201	496383	497183 RNAP_peak_+_188	RTS_R4_+_183	496357	pORF_+_496339	adk
MU-202	497283	498108 RNAP_peak_+_189	RTS_R4_+_184	497255	pORF_+_497279	hemH
MU-203	499362	500787 RNAP_peak_+_190	RTS_R4_+_185	499323	pORF_+_499349	gsk
MU-204	504137	505864 RNAP_peak_+_191	RTS_R4_+_186	504107;504112	pORF_+_504138	ushA
MU-205	506264	506489 RNAP_peak_+_192	RTS_R4_+_187	506428		sroB
MU-206	507414	508039 RNAP_peak_+_193	RTS_R4_+_188	507400;507406	pORF_+_507388	ybaQ
MU-207	510814	513114 RNAP_peak_+_194	RTS_R4_+_189	510797;510827	pORF_+_510865	ybaS-ybaT
MU-208	513139	513889 RNAP_peak_+_195	RTS_R4_+_190	513098	pORF_+_513217	cueR
MU-209	515139	516639 RNAP_peak_+_196	RTS_R4_+_191	515116	pORF_+_515143	ybbL-ybbM
MU-210	518414	522014 RNAP_peak_+_197	RTS_R4_+_192	518602;518895	pORF_+_518957;pORF_+_519640	ybbA-ybbP
MU-211	522439	526339 RNAP_peak_+_198	RTS_R4_+_193	522451	pORF_+_522485	rhsD
MU-212	526514	527864 RNAP_peak_+_199	RTS_R4_+_194	526780		ybbC-ylbH
MU-213	527864	528354 RNAP_peak_+_200				ybbD
MU-214	528724	528816 RNAP_peak_+_201				ylbI
MU-215	531639	532114	RTS_R4_+_195	531614		allA
MU-216	532214	532864 RNAP_peak_+_202	RTS_R4_+_196	532189	pORF_+_532235	allR
MU-217	532889	533039 RNAP_peak_+_203	RTS_R4_+_197	532861;532866		NT
MU-218	534064	534514	RTS_R4_+_198	534032	pORF_+_533050	NT
MU-219	533140	542257 RNAP_peak_+_204		533001	pORF_+_533050;pORF_+_534934	gcl-hyi-glxR-ybbV-ybbW-allB-ybbY-glxK
MU-220	535810	542257 RNAP_peak_+_205		535605	pORF_+_535810	glxR-ybbV-ybbW-allB-ybbY-glxK
MU-221	536857	542257 RNAP_peak_+_206		536895		ybbW-allB-ybbY-glxK
MU-222	541214	542039	RTS_R4_+_199	540988		glxK

MU-223	545904	550555 RNAP_peak_+_207				pORF_+_548757	fdrA-yIbE-yIbF-ybcF
MU-224	553814	555314 RNAP_peak_+_208	RTS_R4_+_200	553800		pORF_+_553834	cysS
MU-225	557435	557977 RNAP_peak_+_209		557392			sfmA
MU-226	558197	561523					sfmC-sfmD
MU-227	561559	563068					sfmH-sfmF
MU-228	563939	564139 RNAP_peak_+_210	RTS_R4_+_201	563958;563959			argU
MU-229	565599	565999 RNAP_peak_+_211		565404			peaD-renD
MU-230	566014	567439 RNAP_peak_+_212	RTS_R4_+_202			pORF_+_566056;pORF_+_566361	insE-insF-renD
MU-231	567539	567839 RNAP_peak_+_213	RTS_R4_+_203	567514			emrE
MU-232	568125	569651 RNAP_peak_+_214					ybcK
MU-233	570141	571516 RNAP_peak_+_215	RTS_R4_+_204	570094			ybcL-ybcM
MU-234	571591	573093 RNAP_peak_+_216		571542			ylcH-ybcN-ninE-ybcO-rusA-ylcG
MU-235	573179	573562 RNAP_peak_+_217		573132			quuD
MU-236	576091	576449 RNAP_peak_+_218	RTS_R4_+_205	576081			NT
MU-237	576699	577274 RNAP_peak_+_219	RTS_R4_+_206	576504			essD-arrD-rzpD-rzoD
MU-238	578953	579653 RNAP_peak_+_220	RTS_R4_+_207	578930;579059			ybcW
MU-239	580057	580885					nohB-aaaD
MU-240	580790	581140 RNAP_peak_+_221	RTS_R4_+_208	580819			tfaD
MU-241	582176	582358					tfaX
MU-242	582840	583815 RNAP_peak_+_222	RTS_R4_+_209				appY
MU-243	585215	585315 RNAP_peak_+_223	RTS_R4_+_210				pauD
MU-244	594823	596196 RNAP_peak_+_224		594797		pORF_+_594823	cusC
MU-245	596295	600695 RNAP_peak_+_225	RTS_R4_+_211	596325		pORF_+_596354;pORF_+_596702;pORF_+_597937	cusF-cusB-cusA
MU-246	601170	602520 RNAP_peak_+_226	RTS_R4_+_212	601152		pORF_+_601146	pheP
MU-247	607059	607211 RNAP_peak_+_227		607066			hokE
MU-248	607245	608545 RNAP_peak_+_228	RTS_R4_+_213	607179		pORF_+_607282	insL
MU-249	611945	617371	RTS_R4_+_214	611909		pORF_+_611960;pORF_+_613159;pORF_+_613242	fes-ybdZ-entF
MU-250	617477	618610 RNAP_peak_+_229		617410			fepE
MU-251	621496	622721 RNAP_peak_+_230	RTS_R4_+_215	621481;621483		pORF_+_621523	entS
MU-252	624096	628971 RNAP_peak_+_231	RTS_R4_+_216	624054		pORF_+_624096;pORF_+_625293;pORF_+_626917;pORF_+_627744;pORF_+_628523	entC-entE-entB-entA-ybdB
MU-253	629046	631996 RNAP_peak_+_232	RTS_R4_+_217	629079;629088;629096		pORF_+_629117	cstA-ybdD
MU-254	632796	634146 RNAP_peak_+_233	RTS_R4_+_218	632780;632789		pORF_+_632809	ybdL
MU-255	637871	640549 RNAP_peak_+_234	RTS_R4_+_219	638054;638104;638130;638144;638149;638189;638227		pORF_+_638168;pORF_+_638946	ahpC-ahpF
MU-256	641274	642581 RNAP_peak_+_235	RTS_R4_+_220	641285			ybdR
MU-257	651849	653724 RNAP_peak_+_236	RTS_R4_+_221	651740		pORF_+_653085	dpiB-dpiA
MU-258	655824	656124 RNAP_peak_+_237	RTS_R4_+_222	655710;655753			pagP
MU-259	656474	656799 RNAP_peak_+_238	RTS_R4_+_223	656473		pORF_+_656485	cspE
MU-260	657199	657974 RNAP_peak_+_239	RTS_R4_+_224	657187			ybeM
MU-261	658024	658374 RNAP_peak_+_240	RTS_R4_+_225	658045		pORF_+_658170	tatE
MU-262	663280	663505 RNAP_peak_+_241	RTS_R4_+_226	663180;663285			NT

MU-263	674180	674980 RNAP_peak_+_242	RTS_R4_+_227	674160;674216	pORF_+_674241	ybeL
MU-264	675934	678065 RNAP_peak_+_243				ybeR-djlB
MU-265	678731	680886 RNAP_peak_+_244		678687		ybeU-djJC
MU-266	694330	695630 RNAP_peak_+_245	RTS_R4_+_228	694300	pORF_+_694318	ubiF
MU-267	695830	696655 RNAP_peak_+_246	RTS_R4_+_229	695655		NT
MU-268	702680	705055 RNAP_peak_+_247	RTS_R4_+_230	702830;703063	pORF_+_703167	nagE
MU-269	705180	707155 RNAP_peak_+_248	RTS_R4_+_231	705222;705283;705286;705301;705309	pORF_+_705316	glnS
MU-270	707557	709339 RNAP_peak_+_249		707487;707512	pORF_+_709013	ybfM-ybfN
MU-271	709980	710055 RNAP_peak_+_250	RTS_R4_+_232	710000		NT
MU-272	712105	714580 RNAP_peak_+_251	RTS_R4_+_233	712074;712139	pORF_+_712075;pORF_+_712730	seqA-pgm
MU-273	714635	715129		714596		ybfP
MU-274	715530	715555 RNAP_peak_+_252	RTS_R4_+_234			NT
MU-275	719806	720063				ybfK
MU-276	728255	728655 RNAP_peak_+_253	RTS_R4_+_235	728295;728306;728311		ybfA
MU-277	728755	733180 RNAP_peak_+_254	RTS_R4_+_236	728572		rhcC-ybfB
MU-278	733530	734305 RNAP_peak_+_255	RTS_R4_+_237	733014;733048		ybfO
MU-279	734505	735655 RNAP_peak_+_256	RTS_R4_+_238	734611;734641		ybfC
MU-280	735668	735922 RNAP_peak_+_257				ybfQ
MU-281	736048	737184 RNAP_peak_+_258			pORF_+_736123	ybfL
MU-282	737315	738076 RNAP_peak_+_259		737286		ybfD
MU-283	738183	740533 RNAP_peak_+_260	RTS_R4_+_239	738203		ybgA-phr
MU-284	741908	744558 RNAP_peak_+_261	RTS_R4_+_240	741851;742021	pORF_+_742050;pORF_+_742816;pORF_+_743466	ybgI-ybgJ-ybgK
MU-285	744608	746408 RNAP_peak_+_262	RTS_R4_+_241		pORF_+_745158	ybgL-nei
MU-286	746833	747633 RNAP_peak_+_263	RTS_R4_+_242			NT
MU-287	754158	754683 RNAP_peak_+_264	RTS_R4_+_243	754178	pORF_+_754783	sdhC-sdhD
MU-288	754708	757683 RNAP_peak_+_265	RTS_R4_+_244	754738;754745	pORF_+_754783;pORF_+_755118;pORF_+_756912	sdhA-sdhB
MU-289	757758	764658 RNAP_peak_+_266	RTS_R4_+_245	757777;757802;757808	pORF_+_757929;pORF_+_760745;pORF_+_762237;pORF_+_763403	sucA-sucB-sucC-sucD
MU-290	765558	769633 RNAP_peak_+_267	RTS_R4_+_246	765093		mngA-mngB
MU-291	770383	773258 RNAP_peak_+_268	RTS_R4_+_247	770474;770487;770517;770523;770603	pORF_+_770678;pORF_+_772265	cydA-cydB
MU-292	773283	773583	RTS_R4_+_248	773229		ybgT
MU-293	773608	773808 RNAP_peak_+_269	RTS_R4_+_249			ybgE
MU-294	773958	776708 RNAP_peak_+_270	RTS_R4_+_250	773934	pORF_+_773975;pORF_+_774376;pORF_+_775072;pORF_+_775565	ybgC-tolQ-tolR-tolA
MU-295	776733	779733 RNAP_peak_+_271	RTS_R4_+_251	776788;776892;776907	pORF_+_776960;pORF_+_778266;pORF_+_778821	tolB-pal-ybgF
MU-296	779758	780233 RNAP_peak_+_272	RTS_R4_+_252	779735		lysT-valT-lysW
MU-297	780258	780458 RNAP_peak_+_273	RTS_R4_+_253	780263		valZ-lysY
MU-298	780483	781033 RNAP_peak_+_274	RTS_R4_+_254	780570		lysZ-lysQ

MU-299	781258	782158 RNAP_peak+_275	RTS_R4+_255	781226;781237;781283	pORF+_781308	nadA
MU-300	782183	783508 RNAP_peak+_276	RTS_R4+_256	782246;782268		pnuC
MU-301	784833	786008 RNAP_peak+_277	RTS_R4+_257	784815;784821;784826;784830	pORF+_784856	aroG
MU-302	786933	786983 RNAP_peak+_278	RTS_R4+_258	786750		NT
MU-303	793833	794133 RNAP_peak+_279	RTS_R4+_259	793974		ybhT
MU-304	794308	796733 RNAP_peak+_280	RTS_R4+_260	794219;794285	pORF+_794312;pORF+_795777	modA-modB-modC
MU-305	797533	797708 RNAP_peak+_281	RTS_R4+_261	797506		NT
MU-306	797733	798808 RNAP_peak+_282	RTS_R4+_262	797668;797674;797680;79778	pORF+_797809	pgl
MU-307	799982	804987				ybhH-ybhI-ybhJ
MU-308	808504	812306 RNAP_peak+_283	RTS_R4+_263	808524;808533	pORF+_808567;pORF+_809604;pORF+_811487	bioB-bioF-bioC-bioD
MU-309	812531	814913 RNAP_peak+_284	RTS_R4+_264	812660	pORF+_812749	uvrB
MU-310	816090	817240 RNAP_peak+_285	RTS_R4+_265	816050;816137	pORF+_816186	moaA
MU-311	817265	819040 RNAP_peak+_286	RTS_R4+_266	817199;817207;817223;817235	pORF+_817278;pORF+_817793;pORF+_818208;pORF+_818518	moaB-moaC-moaD-moaE
MU-312	819115	819815 RNAP_peak+_287	RTS_R4+_267	819081;819090		ybhL
MU-313	820016	820729				ybhM
MU-314	820790	820890 RNAP_peak+_288	RTS_R4+_268			NT
MU-315	823865	824390 RNAP_peak+_289	RTS_R4+_269	823826		ybhQ
MU-316	830040	831590 RNAP_peak+_290	RTS_R4+_270	830008	pORF+_830095	rhIE
MU-317	832290	834290 RNAP_peak+_291	RTS_R4+_271	832266;832278		dinG
MU-318	834390	835421 RNAP_peak+_292	RTS_R4+_272	834346;834393;834404	pORF+_834471	ybiB
MU-319	835571	836821 RNAP_peak+_293	RTS_R4+_273	835541	pORF+_835574	ybiC
MU-320	837821	838296 RNAP_peak+_294	RTS_R4+_274	837896		NT
MU-321	841546	842446 RNAP_peak+_295	RTS_R4+_275	841376;841479;841538	pORF+_841474	rlmF
MU-322	849322	850197 RNAP_peak+_296	RTS_R4+_276	849434;849446;849536;849610;849622;849628;849640;849646	pORF+_849667	ompX
MU-323	851894	852163				yliL
MU-324	852322	854047 RNAP_peak+_297	RTS_R4+_277	852360	pORF+_852406	mntR-ybiR
MU-325	855122	856847 RNAP_peak+_298	RTS_R4+_278	855156	pORF+_855186	ybiT
MU-326	859172	859675 RNAP_peak+_299	RTS_R4+_279	859050;859134		NT
MU-327	862900	863500 RNAP_peak+_300	RTS_R4+_280	862837	pORF+_862793	fsaA
MU-328	865750	870750 RNAP_peak+_301	RTS_R4+_281	865760	pORF+_865791;pORF+_866635;pORF+_868367;pORF+_870190	iaaA-gsiA-gsiB-gsiC
MU-329	870800	872000 RNAP_peak+_302	RTS_R4+_282	870904;870945	pORF+_871113	gsiD
MU-330	872150	875975 RNAP_peak+_303	RTS_R4+_283	872121;872128;872170;872180	pORF+_872124;pORF+_874558	ylIE-ylIF
MU-331	877350	877850 RNAP_peak+_304	RTS_R4+_284	877440		bssR
MU-332	877900	878950 RNAP_peak+_305	RTS_R4+_285	877945		ylII

MU-333	879860	881135 RNAP_peak_+_306	RTS_R4_+_286	879841;879851;879858;87986	pORF_+_879929	dacC
MU-334	882810	884435 RNAP_peak_+_307	RTS_R4_+_287	882793;882872		cmr
MU-335	886685	887185 RNAP_peak_+_308	RTS_R4_+_288	886624		ybjK
MU-336	889154	889604 RNAP_peak_+_309	RTS_R4_+_289	889111		ybjM
MU-337	890129	891229 RNAP_peak_+_310	RTS_R4_+_290	890086	pORF_+_890407	ybjC-nfsA
MU-338	891279	892029 RNAP_peak_+_311	RTS_R4_+_291	891082	pORF_+_891190	rimK
MU-339	892104	892629 RNAP_peak_+_312	RTS_R4_+_292	892149		ybjN
MU-340	892879	897107 RNAP_peak_+_313	RTS_R4_+_293	892867	pORF_+_892857;pORF_+_894133	potF-potG-potH-potI
MU-341	897232	897657 RNAP_peak_+_314	RTS_R4_+_294			ybjO
MU-342	897707	898957 RNAP_peak_+_315	RTS_R4_+_295	897617	pORF_+_897741	rumB
MU-343	903757	905182 RNAP_peak_+_316	RTS_R4_+_296	903740;903746;903754;903762;903777;903793	pORF_+_903816;pORF_+_904136	ybjQ-amiD
MU-344	905282	905907 RNAP_peak_+_317	RTS_R4_+_297	905279		NT
MU-345	913958	914383 RNAP_peak_+_318	RTS_R4_+_298	913951		NT
MU-346	915583	917283 RNAP_peak_+_319	RTS_R4_+_299	915532	pORF_+_915696	ybjD
MU-347	918408	921085 RNAP_peak_+_320	RTS_R4_+_300	918360;918396	pORF_+_918431;pORF_+_919570	macA-macB
MU-348	921135	922060 RNAP_peak_+_321	RTS_R4_+_301	921139;921194		NT
MU-349	922085	924898 RNAP_peak_+_322	RTS_R4_+_302	922282;922314;922434	pORF_+_922472	clpS-clpA
MU-350	931584	932409 RNAP_peak_+_323	RTS_R4_+_303	931551;931654;931799	pORF_+_931764	lrp
MU-351	932434	936484 RNAP_peak_+_324	RTS_R4_+_304	932358;932404	pORF_+_932447	ftsK
MU-352	936509	938634 RNAP_peak_+_325	RTS_R4_+_305	936440;936511;936551	pORF_+_936592;pORF_+_937217	lolA-rarA
MU-353	938659	939934 RNAP_peak_+_326	RTS_R4_+_306	938576;938624;938645	pORF_+_938651	serS
MU-354	940084	943859 RNAP_peak_+_327	RTS_R4_+_307	940046;940082	pORF_+_940182;pORF_+_942637	dmsA-dmsB-dmsC
MU-355	945084	946059 RNAP_peak_+_328	RTS_R4_+_308	945064		ycaD
MU-356	946084	946234 RNAP_peak_+_329	RTS_R4_+_309	946043;946080		NT
MU-357	946452	947882 RNAP_peak_+_330				ycaM
MU-358	948909	949484 RNAP_peak_+_331	RTS_R4_+_310	948867	pORF_+_948891	ycaK
MU-359	955961	956786 RNAP_peak_+_332	RTS_R4_+_311	955897		ycaP
MU-360	956836	959336 RNAP_peak_+_333	RTS_R4_+_312	956802;956808	pORF_+_956876;pORF_+_958035	serC-aroA
MU-361	959636	960161 RNAP_peak_+_334	RTS_R4_+_313	959494	pORF_+_959463	ycaL
MU-362	960361	960911 RNAP_peak_+_335	RTS_R4_+_314	960303;960386;960408	pORF_+_960424	cmk
MU-363	960936	963011 RNAP_peak_+_336	RTS_R4_+_315	960944;961060;961116	pORF_+_961218	rpsA
MU-364	963036	963336 RNAP_peak_+_337	RTS_R4_+_316	962867	pORF_+_963051	ihfB
MU-365	963561	965037 RNAP_peak_+_338	RTS_R4_+_317	963495	pORF_+_963465	ycaI
MU-366	965837	969337 RNAP_peak_+_339	RTS_R4_+_318	965817	pORF_+_965844;pORF_+_967589	msbA-lpxK-ycaQ
MU-367	969887	970737 RNAP_peak_+_340	RTS_R4_+_319	969867	pORF_+_969896;pORF_+_970075	ycaR-kdsB
MU-368	970962	971887	RTS_R4_+_320	970942	pORF_+_970975	ycbJ

MU-369	972737	979937	RNAP_peak+_341	RTS_R4+_321	972720	pORF+_972748;pORF+_973542;pORF+_974818;pORF+_975549	smtA-mukF-mukE-mukB
MU-370	980187	982112	RNAP_peak+_342	RTS_R4+_322	980154;980247	pORF+_980270	ycbB
MU-371	982137	982837	RNAP_peak+_343	RTS_R4+_323	982054;982102		ycbK
MU-372	982862	983687	RNAP_peak+_344	RTS_R4+_324	982798	pORF+_982873	ycbL
MU-373	985188	985413	RNAP_peak+_345	RTS_R4+_325	985190		NT
MU-374	986467	986967	RNAP_peak+_346	RTS_R4+_326	986622		NT
MU-375	989717	992442	RNAP_peak+_347	RTS_R4+_327	989737;989749;989815	pORF+_989845	pepN
MU-376	997091	1003880	RNAP_peak+_348				ycbQ-ycbR-ycbS-ycbT-ycbU-ycbV-ycbF
MU-377	1003968	1004993	RNAP_peak+_349	RTS_R4+_328	1003961	pORF+_1003964	pyrD
MU-378	1005068	1005793	RNAP_peak+_350	RTS_R4+_329	1005076	pORF+_1005139	ycbW
MU-379	1006918	1010893	RNAP_peak+_351	RTS_R4+_330	1006895;1006926;1006929;1007025	pORF+_1007067;pORF+_1009187	rlmL-uup
MU-380	1010918	1014643	RNAP_peak+_352	RTS_R4+_331	1010883;1010988	pORF+_1012422;pORF+_1014119	pqiA-pqiB-ymbA
MU-381	1014793	1015293	RNAP_peak+_353	RTS_R4+_332	1014873;1014882;1014905	pORF+_1014938	rmf
MU-382	1017718	1018143	RNAP_peak+_354	RTS_R4+_333	1017682	pORF+_1017708	ycbG
MU-383	1019543	1020118	RNAP_peak+_355	RTS_R4+_334	1019566		NT
MU-384	1020368	1021018	RNAP_peak+_356	RTS_R4+_335	1020306		sxy
MU-385	1023693	1025743	RNAP_peak+_357	RTS_R4+_336	1023665	pORF+_1023601	helD
MU-386	1026993	1027661	RNAP_peak+_358	RTS_R4+_337	1027106;1027150	pORF+_1027088	yccU
MU-387	1029186	1029737	RNAP_peak+_359	RTS_R4+_338	1029195;1029201	pORF+_1029074	yccX
MU-388	1030712	1030787	RNAP_peak+_360	RTS_R4+_339	1030656		NT
MU-389	1031212	1036362	RNAP_peak+_361	RTS_R4+_340	1031208	pORF+_1031335;pORF+_1032477	hyaA-hyaB-hyaC-hyaD-hyaE-hyaF
MU-390	1036962	1039812	RNAP_peak+_362	RTS_R4+_341	1036930	pORF+_1036957	appC-appB-yccB
MU-391	1039862	1041237	RNAP_peak+_363	RTS_R4+_342	1039819	pORF+_1039810	appA
MU-392	1049037	1049937	RNAP_peak+_364	RTS_R4+_343	1049039		insA-insB
MU-393	1050684	1050896	RNAP_peak+_365		1050625	pORF+_1050684	cspG
MU-394	1051070	1051300	RNAP_peak+_366				ymcE
MU-395	1051237	1051562	RNAP_peak+_367	RTS_R4+_344	1051218	pORF+_1051290	gnsA
MU-396	1055512	1056287	RNAP_peak+_368	RTS_R4+_345			torT
MU-397	1057487	1059787	RNAP_peak+_369	RTS_R4+_346	1057130	pORF+_1057259;pORF+_1058479	torC-torA
MU-398	1060837	1061362	RNAP_peak+_370	RTS_R4+_347	1060747		torD
MU-399	1063259	1064515	RNAP_peak+_371		1063246		yccE
MU-400	1064812	1066037	RNAP_peak+_372	RTS_R4+_348	1064782	pORF+_1064784	agp
MU-401	1067262	1067687	RNAP_peak+_373	RTS_R4+_349	1067262		ymdF
MU-402	1073387	1074087	RNAP_peak+_374	RTS_R4+_350	1073321;1073443	pORF+_1073438	rutR
MU-403	1078312	1080287	RNAP_peak+_375	RTS_R4+_351	1078392;1078447;1078512	pORF+_1078528	putP
MU-404	1080537	1083912	RNAP_peak+_376	RTS_R4+_352	1080520;1080533	pORF+_1081466;pORF+_1082599	efeU-efeO-efeB
MU-405	1084187	1085287	RNAP_peak+_377	RTS_R4+_353	1084120;1084166	pORF+_1084215	phoH
MU-406	1092112	1093162	RNAP_peak+_378	RTS_R4+_354	1092062;1092067		yccT

MU-407	1093412	1093887	RNAP_peak+_379	RTS_R4+_355	1093229		NT
MU-408	1094728	1095069	RNAP_peak+_380			pORF+_1094710	ymdE
MU-409	1095066	1096052	RNAP_peak+_381				ycdU
MU-410	1097012	1098162	RNAP_peak+_382	RTS_R4+_356	1096981;1096990;1097010;1097049;1097057	pORF+_1097070	ghrA
MU-411	1098187	1099412	RNAP_peak+_383	RTS_R4+_357	1098081	pORF+_1098102;pORF+_1098863	ycdX-ycdY
MU-412	1099462	1099987	RNAP_peak+_384	RTS_R4+_358	1099336;1099405		ycdZ
MU-413	1103174	1104948	RNAP_peak+_385				csgB-csgA-csgC-ymdA
MU-414	1103590	1104015	RNAP_peak+_386	RTS_R4+_359	1103559		csgA
MU-415	1105040	1107190	RNAP_peak+_387	RTS_R4+_360	1105020	pORF+_1105043;pORF+_1105509	ymdB-ymdC
MU-416	1108465	1112740	RNAP_peak+_388	RTS_R4+_361	1108478;1108501	pORF+_1108540;pORF+_1100056	mdoG-mdoH
MU-417	1112802	1113029	RNAP_peak+_389				yceK
MU-418	1116015	1117065	RNAP_peak+_390	RTS_R4+_362	1115959;1115994	pORF+_1115976	yceA
MU-419	1124722	1126947	RNAP_peak+_391	RTS_R4+_363	1124698;1124706	pORF+_1124785;pORF+_1125380;pORF+_1125996	rimJ-yceH-yceM
MU-420	1127047	1128573	RNAP_peak+_392	RTS_R4+_364	1127058	pORF+_1127023	yceN
MU-421	1130241	1133780	RNAP_peak+_393		1130215;1130271	pORF+_1131797;pORF+_1133025	flgB-flgC-flgD-flgE-flgF
MU-422	1133952	1137535	RNAP_peak+_394		1133923	pORF+_1134772;pORF+_1135494	flgG-flgH-flgI-flgJ
MU-423	1137628	1140103	RNAP_peak+_395	RTS_R4+_365	1137576	pORF+_1137601;pORF+_1139256	flgK-flgL
MU-424	1143725	1144045	RNAP_peak+_396				yceQ
MU-425	1144129	1145104	RNAP_peak+_397	RTS_R4+_366	1144163	pORF+_1144163	rluC
MU-426	1145829	1145904	RNAP_peak+_398	RTS_R4+_367	1145813		psrD
MU-427	1145929	1146604	RNAP_peak+_399	RTS_R4+_368	1145871;1145942;1146015	pORF+_1146017	yceD-rpmF
MU-428	1146629	1146854	RNAP_peak+_400	RTS_R4+_369	1146523;1146530;1146538;1146573	pORF+_1146590	rpmF-plsX
MU-429	1146879	1147629	RNAP_peak+_401	RTS_R4+_370	1146994	pORF+_1146844	rpmF-plsX
MU-430	1147654	1150755	RNAP_peak+_402	RTS_R4+_371	1147191;1147299;1147410	pORF+_1147982;pORF+_1148951;pORF+_1149893	fabH-fabD-fabG
MU-431	1150780	1151080	RNAP_peak+_403	RTS_R4+_372	1150734;1150759;1150772;1150783;1150791;1150799;1150828	pORF+_1150838	acpP
MU-432	1151105	1152380	RNAP_peak+_404	RTS_R4+_373	1151079;1151133	pORF+_1151162	fabF
MU-433	1152530	1154180	RNAP_peak+_405	RTS_R4+_374	1152502	pORF+_1153335	pabC-yceG
MU-434	1154230	1156780	RNAP_peak+_406	RTS_R4+_375	1154242;1154281	pORF+_1154347;pORF+_1154985;pORF+_1155940	tmk-holB-ycfH
MU-435	1156805	1158530	RNAP_peak+_407	RTS_R4+_376	1156852;1156960;1156971;1156977;1156990	pORF+_1157092	ptsG
MU-436	1161055	1163030	RNAP_peak+_408	RTS_R4+_377	1161048;1161078;1161086	pORF+_1161090;pORF+_1161470;pORF+_1161858	hinT-ycfL-ycfM-thiK
MU-437	1163055	1164255	RNAP_peak+_409	RTS_R4+_378	1163108;1163203	pORF+_1163318	nagZ

MU-438	1164280	1164905	RNAP_peak_+_410	RTS_R4_+_379	1164238	pORF_+_1164309	ycfP
MU-439	1165305	1166605	RNAP_peak_+_411	RTS_R4_+_380	1165249;1165275	pORF_+_1165281	ndh
MU-440	1166830	1167355	RNAP_peak_+_412	RTS_R4_+_381	1166736		ycfJ
MU-441	1168180	1168580	RNAP_peak_+_413	RTS_R4_+_382	1168242	pORF_+_1168296	bhsA
MU-442	1174655	1177180	RNAP_peak_+_414	RTS_R4_+_383	1174623	pORF_+_1175701;pORF_+_1176543	lolC-lolD-lolE
MU-443	1177205	1179705	RNAP_peak_+_415	RTS_R4_+_384	1177461;1177640	pORF_+_1177756;pORF_+_1178743	nagK-cobB
MU-444	1184987	1186362	RNAP_peak_+_416	RTS_R4_+_385	1184963;1185028;1185046	pORF_+_1185025	pepT
MU-445	1194216	1195901	RNAP_peak_+_417	RTS_R4_+_386	1194184;1194193;1194231;1194325;1194242	pORF_+_1194346	icd
MU-446	1195937	1196009	RNAP_peak_+_418				C0293
MU-447	1197826	1198526	RNAP_peak_+_419	RTS_R4_+_387	1197892		lit
MU-448	1200701	1201026	RNAP_peak_+_420	RTS_R4_+_388	1200691		ymfI
MU-449	1202247	1206720	RNAP_peak_+_421		1202232	pORF_+_1205315;pORF_+_1206136	ymfT-ymfL-ymfM-ymfN-ymfR-ymfO-ymfP-ymfQ
MU-450	1206724	1207768	RNAP_peak_+_422				ycfK-ymfS
MU-451	1208908	1209462	RNAP_peak_+_423				pinE
MU-452	1209569	1210402	RNAP_peak_+_424		1209545		mcrA
MU-453	1210668	1210793	RNAP_peak_+_425	RTS_R4_+_389	1210545	pORF_+_1210636	icdC
MU-454	1214994	1216319	RNAP_peak_+_426	RTS_R4_+_390	1214975;1214994	pORF_+_1215291;pORF_+_1215592	ycgZ-ymgA-ariR-ymgC
MU-455	1216519	1217094	RNAP_peak_+_427	RTS_R4_+_391	1216355		ycgG
MU-456	1218206	1218424	RNAP_peak_+_428				ymgF
MU-457	1219019	1219569	RNAP_peak_+_429	RTS_R4_+_392	1218588		ycgH
MU-458	1219919	1221419	RNAP_peak_+_430	RTS_R4_+_393	1219841		NT
MU-459	1222487	1222672	RNAP_peak_+_431				ymgJ
MU-460	1222844	1223094	RNAP_peak_+_432	RTS_R4_+_394	1223002		ycgI
MU-461	1225744	1226595	RNAP_peak_+_433	RTS_R4_+_395	1225704	pORF_+_1225823	ycgJ
MU-462	1226695	1227945	RNAP_peak_+_434	RTS_R4_+_396	1226908	pORF_+_1226904;pORF_+_1227302	ycgL-ycgM
MU-463	1227970	1228545	RNAP_peak_+_435	RTS_R4_+_397	1227925;1228020;1228027		ycgN
MU-464	1229920	1232345	RNAP_peak_+_436	RTS_R4_+_398	1230085	pORF_+_1230409	C0299-umuD-umuC
MU-465	1234145	1234870	RNAP_peak_+_437	RTS_R4_+_399	1234128;1234136	pORF_+_1234137	fadR
MU-466	1236770	1239220	RNAP_peak_+_438	RTS_R4_+_400	1236748;1236754;1236762	pORF_+_1236788;pORF_+_1238102	dadA-dadX
MU-467	1241270	1241770	RNAP_peak_+_439	RTS_R4_+_401	1241244		NT
MU-468	1242370	1243070	RNAP_peak_+_440	RTS_R4_+_402	1242351;1242388	pORF_+_1242289	emtA
MU-469	1243920	1244220	RNAP_peak_+_441	RTS_R4_+_403	1243901;1243934		ymgE
MU-470	1244270	1244649	RNAP_peak_+_442	RTS_R4_+_404			ycgY
MU-471	1250249	1252174	RNAP_peak_+_443	RTS_R4_+_405	1250212;1250224	pORF_+_1250280	dhaR
MU-472	1257924	1258624	RNAP_peak_+_444	RTS_R4_+_406	1257889;1257939;1257961;1257999	pORF_+_1258014	ychH
MU-473	1262849	1266299	RNAP_peak_+_445	RTS_R4_+_407	1262806;1262898	pORF_+_1262739;pORF_+_1264235;pORF_+_1265317	hemA-prfA-prmC-ychQ
MU-474	1266399	1267149	RNAP_peak_+_446	RTS_R4_+_408	1266404;1266413		ychA

MU-475	1267174	1268499	RNAP_peak+_447	RTS_R4+_409	1267041;1267079;1267253;1267259;1267374	pORF+_1267388	kdsA
MU-476	1268546	1268612	RNAP_peak+_448				rldA
MU-477	1269081	1269146	RNAP_peak+_449				rldB
MU-478	1269616	1269683	RNAP_peak+_450				rldC
MU-479	1271274	1271524	RNAP_peak+_451	RTS_R4+_410	1271318	pORF+_1271342	chaB
MU-480	1271549	1272524	RNAP_peak+_452	RTS_R4+_411	1271647;1271652		chaC
MU-481	1273000	1274300	RNAP_peak+_453	RTS_R4+_412	1272845;1272970;1272976		ychO
MU-482	1277200	1278675	RNAP_peak+_454	RTS_R4+_413			narK
MU-483	1279050	1284550	RNAP_peak+_455	RTS_R4+_414	1279048	pORF+_1279087;pORF+_1282139;pORF+_1282827;pORF+_1284362	narG-narH-narJ-narI
MU-484	1285932	1286207	RNAP_peak+_456				ychS
MU-485	1288250	1289350	RNAP_peak+_457	RTS_R4+_415	1288329;1288358	pORF+_1288429	rssA
MU-486	1289375	1290600	RNAP_peak+_458	RTS_R4+_416	1289379;1289443	pORF+_1289465	rssB
MU-487	1290625	1291575	RNAP_peak+_459	RTS_R4+_417	1290544;1290550;1290557;1290562;1290568;1290586;1290629;1290637;1290644;1290649;1290675	pORF+_1290680	galU
MU-488	1292750	1293375	RNAP_peak+_460	RTS_R4+_418	1292716	pORF+_1292750	tdk
MU-489	1297825	1298325	RNAP_peak+_461	RTS_R4+_419	1297634		ychE
MU-490	1298726	1299001	RNAP_peak+_462	RTS_R4+_420	1298695		NT
MU-491	1299026	1301101	RNAP_peak+_463	RTS_R4+_421	1299035;1299087;1299100;1299154	pORF+_1299134	oppA
MU-492	1301126	1304726	RNAP_peak+_464	RTS_R4+_422	1301158;1301186	pORF+_1300923;pORF+_1302778;pORF+_1303788	oppB-oppC-oppD-oppF
MU-493	1306751	1307101	RNAP_peak+_465	RTS_R4+_423	1306787		yciY
MU-494	1309101	1309826	RNAP_peak+_466	RTS_R4+_424	1309082;1309102	pORF+_1309062	tonB
MU-495	1312001	1312676	RNAP_peak+_467	RTS_R4+_425	1312015	pORF+_1312044	ompW
MU-496	1321227	1321802	RNAP_peak+_468	RTS_R4+_426	1321212		trpH
MU-497	1321827	1322877	RNAP_peak+_469	RTS_R4+_427	1321789	pORF+_1322086	yciO
MU-498	1323252	1324102	RNAP_peak+_470	RTS_R4+_428			yciQ
MU-499	1324352	1324677	RNAP_peak+_471	RTS_R4+_429	1324321		NT
MU-500	1324727	1325752	RNAP_peak+_472	RTS_R4+_430	1324784;1324836	pORF+_1324876	rhuB
MU-501	1327352	1328377	RNAP_peak+_473	RTS_R4+_431	1327326	pORF+_1327356	sohB
MU-502	1328827	1331652	RNAP_peak+_474	RTS_R4+_432	1328821;1328843;1328907;1329004	pORF+_1329030	topA
MU-503	1331813	1332813	RNAP_peak+_475	RTS_R4+_433	1331785;1331795;1331804	pORF+_1331879	cysB
MU-504	1333138	1333613	RNAP_peak+_476	RTS_R4+_434	1333102;1333114;1333123		ymiA-yciX
MU-505	1333763	1333913	RNAP_peak+_477	RTS_R4+_435	1333453;1333805	pORF+_1333855	acnA
MU-506	1337363	1337938	RNAP_peak+_478	RTS_R4+_436	1337333;1337396		pgpB
MU-507	1337963	1339738	RNAP_peak+_479	RTS_R4+_437	1338115;1338159	pORF+_1338267;pORF+_1338582	yciS-yciM
MU-508	1339813	1341013	RNAP_peak+_480	RTS_R4+_438	1339893;1339903	pORF+_1339885;pORF+_1340679	pyrF-yciH

MU-509	1359115	1364740	RNAP_peak+_481	RTS_R4+_439	1359076;1359085;1359092;1359119	pORF+_1359132;pORF+_1359935;pORF+_1360671;pORF+_1362256;pORF+_1363574	puuD-puuR-puuC-puuB-puuE
MU-510	1366090	1367665	RNAP_peak+_482	RTS_R4+_440	1366062;1366071	pORF+_1366103;pORF+_1366825	pspA- pspB- pspC- pspD
MU-511	1367715	1367965	RNAP_peak+_483	RTS_R4+_441	1367686	pORF+_1367713	pspE
MU-512	1368590	1377965		RTS_R4+_442		pORF+_1368213;pORF+_1369933;pORF+_1374856	ycjM-ycjN-ycjO-ycjP-ycjQ-ycjR-ycjS-ycjT-ycjU-ycjV-ompG
MU-513	1382016	1384641	RNAP_peak+_484	RTS_R4+_443	1382094;1382105	pORF+_1382141;pORF+_1383535	ycjX-ycjF
MU-514	1384691	1386841	RNAP_peak+_485	RTS_R4+_444	1384715;1384723	pORF+_1384717	tyrR
MU-515	1386866	1388066	RNAP_peak+_486	RTS_R4+_445	1386892	pORF+_1386912	ycjG
MU-516	1390016	1390741	RNAP_peak+_487	RTS_R4+_446	1389971		ycjZ
MU-517	1391016	1392666	RNAP_peak+_488	RTS_R4+_447	1390986	pORF+_1391230	mppA
MU-518	1394091	1395266	RNAP_peak+_489	RTS_R4+_448	1393945	pORF+_1394100	insH
MU-519	1395391	1395841	RNAP_peak+_490	RTS_R4+_449	1395353;1395364		ynaJ
MU-520	1402717	1403792	RNAP_peak+_491	RTS_R4+_450	1402725		abgR
MU-521	1403942	1404742	RNAP_peak+_492	RTS_R4+_451	1403917;1403980	pORF+_1404003	ydaL
MU-522	1406017	1406542	RNAP_peak+_493	RTS_R4+_452	1406048	pORF+_1406074	ydaN
MU-523	1406617	1407117	RNAP_peak+_494	RTS_R4+_453	1406499		NT
MU-524	1407167	1407242	RNAP_peak+_495	RTS_R4+_454	1407153		NT
MU-525	1407317	1408742	RNAP_peak+_496	RTS_R4+_455	1407307		C0343-dbpA
MU-526	1416695	1417183	RNAP_peak+_497		1416670		sieB
MU-527	1418389	1421609	RNAP_peak+_498		1418251		ydaS-ydaT-ydaU-ydaV-ydaW-rzpR-rzoR
MU-528	1421786	1423312	RNAP_peak+_499	RTS_R4+_456	1421735		trkG
MU-529	1423401	1424106	RNAP_peak+_500			pORF+_1423838	ynaK-ydaY
MU-530	1424478	1425622	RNAP_peak+_501			pORF+_1425482	ynaA-lomR
MU-531	1427212	1428987	RNAP_peak+_502	RTS_R4+_457		pORF+_1425482;pORF+_1427067	lomR-stfR-tfaR
MU-532	1429137	1430837	RNAP_peak+_503	RTS_R4+_458	1429174		NT
MU-533	1431137	1431487	RNAP_peak+_504	RTS_R4+_459	1431209		NT
MU-534	1432488	1433313	RNAP_peak+_505	RTS_R4+_460	1432540		NT
MU-535	1435188	1435288	RNAP_peak+_506	RTS_R4+_461	1435014		micC
MU-536	1439063	1439638	RNAP_peak+_507	RTS_R4+_462	1439047		ydbJ
MU-537	1441063	1443063	RNAP_peak+_508	RTS_R4+_463	1441032;1441046		ydbH
MU-538	1443338	1444238	RNAP_peak+_509	RTS_R4+_464	1443593		ynbE-ydbL
MU-539	1445438	1447063	RNAP_peak+_510	RTS_R4+_465	1445367	pORF+_1445540	feaB
MU-540	1451951	1458917				pORF+_1456982	paaA-paaB-paaC-paaD-paaE-paaF-paaG-paaH-paaI
MU-541	1459463	1460138		RTS_R4+_466	1459465	pORF+_1458917	paaJ
MU-542	1460388	1460988	RNAP_peak+_511	RTS_R4+_467	1460199		paaK
MU-543	1461563	1463138	RNAP_peak+_512	RTS_R4+_468	1461534	pORF+_1461563;pORF+_1462495	paaX-paaY
MU-544	1464188	1465863	RNAP_peak+_513	RTS_R4+_469		pORF+_1463416	ydbA
MU-545	1465913	1466163	RNAP_peak+_514	RTS_R4+_470	1465734;1465893		NT

MU-546	1467238	1469113	RNAP_peak_+_515	RTS_R4_+_471	1467293		ydbA-insI-ydbA
MU-547	1469163	1472038	RNAP_peak_+_516	RTS_R4_+_472	1468976;1469073;1469159	pORF_+_1463416	ydbA
MU-548	1472238	1472913		RTS_R4_+_473	1472213	pORF_+_1472245	ydbC
MU-549	1473168	1475474	RNAP_peak_+_517			pORF_+_1473162	ydbD
MU-550	1475645	1480225	RNAP_peak_+_518				ynbA-ynbB-ynbC-ynbD
MU-551	1481072	1484999	RNAP_peak_+_519	RTS_R4_+_474	1481038	pORF_+_1481085	hrpA
MU-552	1485217	1486017	RNAP_peak_+_520	RTS_R4_+_475	1485191;1485228	pORF_+_1485259	ydcF
MU-553	1486242	1488067		RTS_R4_+_476	1486215	pORF_+_1486256	aldA
MU-554	1488942	1489617	RNAP_peak_+_521	RTS_R4_+_477	1488899		cybB
MU-555	1489667	1489967	RNAP_peak_+_522	RTS_R4_+_478	1489467		ydcA
MU-556	1490143	1490198	RNAP_peak_+_523		1489838		sokB
MU-557	1490442	1492142	RNAP_peak_+_524	RTS_R4_+_479	1490461	pORF_+_1490494	trg
MU-558	1493242	1494267	RNAP_peak_+_525	RTS_R4_+_480	1493185	pORF_+_1493312	ydcJ
MU-559	1494817	1496527	RNAP_peak_+_526	RTS_R4_+_481	1494803	pORF_+_1494880	mdoD
MU-560	1496652	1496902	RNAP_peak_+_527	RTS_R4_+_482			ydcH
MU-561	1496952	1497477	RNAP_peak_+_528	RTS_R4_+_483	1496788	pORF_+_1496947	rimL
MU-562	1498477	1500352	RNAP_peak_+_529	RTS_R4_+_484	1498559	pORF_+_1499586	tehA-tehB
MU-563	1500427	1501355	RNAP_peak_+_530	RTS_R4_+_485	1500452	pORF_+_1500481	ydcL
MU-564	1501530	1502880	RNAP_peak_+_531	RTS_R4_+_486	1501681		ydcM
MU-565	1503982	1504057		RTS_R4_+_487	1503923		NT
MU-566	1504207	1506832	RNAP_peak_+_532	RTS_R4_+_488	1504343	pORF_+_1504763	ydcN-ydcP
MU-567	1507307	1507957	RNAP_peak_+_533	RTS_R4_+_489	1507299		yncN-ydcQ
MU-568	1508007	1509213	RNAP_peak_+_534	RTS_R4_+_490	1508002		ydcR
MU-569	1509543	1512500	RNAP_peak_+_535	RTS_R4_+_491	1509620;1509628	pORF_+_1509678;pORF_+_1510841	ydcS-ydcT-ydcU
MU-570	1512525	1515050	RNAP_peak_+_536	RTS_R4_+_492	1512672	pORF_+_1513602	ydcV-ydcW
MU-571	1515400	1515575	RNAP_peak_+_537	RTS_R4_+_493	1515286;1515384		ydcX
MU-572	1515600	1516350	RNAP_peak_+_538	RTS_R4_+_494	1515636	pORF_+_1515672	ydcY
MU-573	1517050	1518225	RNAP_peak_+_539	RTS_R4_+_495	1517023	pORF_+_1516958	yncB
MU-574	1518275	1518875	RNAP_peak_+_540	RTS_R4_+_496	1518295;1518318	pORF_+_1518229	yncC
MU-575	1521275	1522450	RNAP_peak_+_541	RTS_R4_+_497	1521251;1521288	pORF_+_1521331	yncE
MU-576	1524225	1524750	RNAP_peak_+_542	RTS_R4_+_498	1524249		yncG
MU-577	1524964	1525176	RNAP_peak_+_543			pORF_+_1524964	yncH
MU-578	1526225	1526875		RTS_R4_+_499			rhsE
MU-579	1528256	1528431	RNAP_peak_+_544	RTS_R4_+_500			ydcD
MU-580	1528610	1530976	RNAP_peak_+_545		1528575		yncI-ydcC
MU-581	1530906	1531381	RNAP_peak_+_546	RTS_R4_+_501	1531009;1531017;1531054	pORF_+_1531037	pptA
MU-582	1532056	1532881	RNAP_peak_+_547	RTS_R4_+_502	1532024		nhoA
MU-583	1545417	1548217	RNAP_peak_+_548	RTS_R4_+_503	1545331	pORF_+_1545425;pORF_+_1546061	fdnG-fdnH-fdnI-C0362
MU-584	1550025	1550410	RNAP_peak_+_549				C0362
MU-585	1554542	1555192	RNAP_peak_+_550	RTS_R4_+_504	1554623;1554633	pORF_+_1554649	osmC
MU-586	1590462	1590637	RNAP_peak_+_551	RTS_R4_+_505	1590454;1590496		NT
MU-587	1601212	1603887		RTS_R4_+_506		pORF_+_1599514;pORF_+_1602071;pORF_+_1603075	lsrA-lsrC-lsrD-lsrB

MU-588	1604162	1605262	RNAP_peak+_552	RTS_R4+_507	1604091	pORF+_1604124;pORF+_1605023	IsrF-IsrG
MU-589	1605362	1606412	RNAP_peak+_553	RTS_R4+_508	1605347	pORF+_1605370	tam
MU-590	1609962	1610212	RNAP_peak+_554	RTS_R4+_509			NT
MU-591	1612687	1613462	RNAP_peak+_555	RTS_R4+_510	1612804		yneJ
MU-592	1613787	1614902	RNAP_peak+_556				yneK
MU-593	1615037	1616212	RNAP_peak+_557	RTS_R4+_511	1615019;1615025		ydeA
MU-594	1617162	1618212	RNAP_peak+_558	RTS_R4+_512	1617117		marR-marA-marB
MU-595	1619362	1620487	RNAP_peak+_559	RTS_R4+_513	1619451		ydeE
MU-596	1620587	1620837	RNAP_peak+_560	RTS_R4+_514	1620611;1620623;1620630		yneM
MU-597	1622612	1623162	RNAP_peak+_561	RTS_R4+_515	1622714;1622754;1622768		ydeJ
MU-598	1625487	1626287	RNAP_peak+_562	RTS_R4+_516	1625515;1625525	pORF+_1625526	ydfG
MU-599	1626337	1627037	RNAP_peak+_563	RTS_R4+_517	1626350	pORF+_1626376	ydfH
MU-600	1627212	1627612	RNAP_peak+_564	RTS_R4+_518	1627192	pORF+_1627239	ydfZ
MU-601	1629462	1629787	RNAP_peak+_565	RTS_R4+_519			NT
MU-602	1630762	1631187	RNAP_peak+_566	RTS_R4+_520	1630662		ydfK
MU-603	1631646	1632236	RNAP_peak+_567			pORF+_1631646	pinQ
MU-604	1634780	1635481	RNAP_peak+_568				ynfO-ydfO
MU-605	1639879	1640091	RNAP_peak+_569			pORF+_1639879	cspF
MU-606	1640137	1640362	RNAP_peak+_570	RTS_R4+_521	1640110		NT
MU-607	1644090	1644315	RNAP_peak+_571	RTS_R4+_522	1644252		ydfV
MU-608	1644390	1644690	RNAP_peak+_572	RTS_R4+_523	1644356;1644385;1644410		flxA
MU-609	1645990	1646340	RNAP_peak+_573	RTS_R4+_524	1645955;1645971	pORF+_1645958	dicA
MU-610	1646540	1646840	RNAP_peak+_574	RTS_R4+_525	1646462		ydfA-ydfB-rzpQ
MU-611	1647240	1647415	RNAP_peak+_575	RTS_R4+_526	1647206;1647275		dicF
MU-612	1647633	1648009					dicB-ydfD
MU-613	1648102	1648866					ydfE
MU-614	1648890	1650165		RTS_R4+_527			insD
MU-615	1649575	1650732					intQ
MU-616	1653745	1654770	RNAP_peak+_576	RTS_R4+_528	1653746;1653808	pORF+_1653832;pORF+_1654208	ynfB-speG
MU-617	1655595	1655945	RNAP_peak+_577	RTS_R4+_529	1655563;1655569	pORF+_1655547	ynfD
MU-618	1656095	1657370	RNAP_peak+_578	RTS_R4+_530	1656059;1656061	pORF+_1656093	ynfE
MU-619	1657495	1659645	RNAP_peak+_579	RTS_R4+_531	1657572;1657638	pORF+_1658577	ynfF
MU-620	1659745	1661445	RNAP_peak+_580	RTS_R4+_532	1659685	pORF+_1661014	ynfG
MU-621	1661620	1663220	RNAP_peak+_581	RTS_R4+_533	1661476;1661746	pORF+_1662521	ynfH-dmsD
MU-622	1663320	1663970	RNAP_peak+_582	RTS_R4+_534	1663316;1663319		clcB
MU-623	1667720	1669045	RNAP_peak+_583	RTS_R4+_535	1667686;1667781		ynfM
MU-624	1669370	1669670	RNAP_peak+_584	RTS_R4+_536	1669351	pORF+_1669373	asr
MU-625	1669801	1669884	RNAP_peak+_585				ydgU
MU-626	1669970	1670970	RNAP_peak+_586	RTS_R4+_537	1669940	pORF+_1669984	ydgD
MU-627	1671945	1672870	RNAP_peak+_587	RTS_R4+_538	1671914		tqsA
MU-628	1676295	1678345	RNAP_peak+_588	RTS_R4+_539	1676332;1676394;1676402	pORF+_1676451	ydgH-ydgI
MU-629	1678795	1679795	RNAP_peak+_589	RTS_R4+_540	1678643;1678869		foIM
MU-630	1680195	1682220	RNAP_peak+_590	RTS_R4+_541	1680159;1680160	pORF+_1680123;pORF+_1680906	rstA-rstB

MU-631	1682270	1683445	RNAP_peak+_591	RTS_R4+_542	1682257	pORF+_1682271	tus
MU-632	1686595	1687720	RNAP_peak+_592	RTS_R4+_543	1686569;1686575	pORF+_1686522	manA
MU-633	1687845	1689545	RNAP_peak+_593	RTS_R4+_544	1687818	pORF+_1687876	ydgA
MU-634	1697346	1698871	RNAP_peak+_594	RTS_R4+_545	1697338;1697348	pORF+_1697016	malX
MU-635	1698921	1700121	RNAP_peak+_595	RTS_R4+_546	1698864	pORF+_1698981	malY
MU-636	1700246	1701121	RNAP_peak+_596	RTS_R4+_547	1700228	pORF+_1700257	add
MU-637	1702171	1702196		RTS_R4+_548	1702086		NT
MU-638	1702571	1702921	RNAP_peak+_597	RTS_R4+_549	1702412;1702536		blr
MU-639	1702971	1703046	RNAP_peak+_598	RTS_R4+_550	1702879		cnu
MU-640	1703096	1703671	RNAP_peak+_599	RTS_R4+_551	1703230		ydgK
MU-641	1703746	1710096	RNAP_peak+_600	RTS_R4+_552		pORF+_1704943;pORF+_1707166;pORF+_1708228;pORF+_1709547	rsxA-rsxB-rsxC-rsxD-rsxG-rsxE-nth
MU-642	1710796	1712296	RNAP_peak+_601	RTS_R4+_553	1710713	pORF+_1710793	tpdB
MU-643	1712396	1713246	RNAP_peak+_602	RTS_R4+_554	1712376	pORF+_1712401	gst
MU-644	1717796	1718721	RNAP_peak+_603	RTS_R4+_555	1717775;1717783;1717794;1717801;1717842;1717855;1717893	pORF+_1717900	slyB
MU-645	1718796	1722046	RNAP_peak+_604	RTS_R4+_556	1718960;1719022	pORF+_1720145	ydhI-ydhJ-ydhK
MU-646	1724071	1725771	RNAP_peak+_605	RTS_R4+_557	1724047;1724064	pORF+_1724683	ydhM-nemA
MU-647	1725846	1726265	RNAP_peak+_606	RTS_R4+_558	1725785;1725824;1725833	pORF+_1725861	gloA
MU-648	1726365	1731490	RNAP_peak+_607	RTS_R4+_559	1726343	pORF+_1726371	rnt-lhr
MU-649	1732440	1733215	RNAP_peak+_608	RTS_R4+_560	1732405		ydhO
MU-650	1733365	1734090	RNAP_peak+_609	RTS_R4+_561	1733349;1733362;1733380	pORF+_1733402	sodB
MU-651	1735740	1736990	RNAP_peak+_610	RTS_R4+_562	1735712;1735720	pORF+_1735868	purR
MU-652	1737990	1738890	RNAP_peak+_611	RTS_R4+_563	1737904		ydhC
MU-653	1739240	1740565	RNAP_peak+_612	RTS_R4+_564	1739225;1739338;1739404	pORF+_1739437	cfa
MU-654	1741415	1742840	RNAP_peak+_613	RTS_R4+_565	1741414	pORF+_1741481	mdtK
MU-655	1744465	1744665	RNAP_peak+_614	RTS_R4+_566	1744459		valV-valW
MU-656	1744715	1744990	RNAP_peak+_615	RTS_R4+_567	1744697	pORF+_1744724	ydhR
MU-657	1745165	1746840	RNAP_peak+_616	RTS_R4+_568	1745115	pORF+_1745155	ydhS
MU-658	1753390	1755140	RNAP_peak+_617	RTS_R4+_569	1753583;1753624;1753637;1753651;1753685;1753695;1753703	pORF+_1753506	pykF
MU-659	1755415	1755865	RNAP_peak+_618	RTS_R4+_570	1755407;1755419	pORF+_1755445	lpp
MU-660	1766895	1768145	RNAP_peak+_619	RTS_R4+_571	1766794	pORF+_1767098	ydiK
MU-661	1768396	1768501	RNAP_peak+_620		1768396		rprA
MU-662	1768645	1768845	RNAP_peak+_621	RTS_R4+_572			ydiL
MU-663	1769095	1770309					ydiM
MU-664	1770530	1772679				pORF+_1771813	ydiN-ydiB
MU-665	1772620	1773445		RTS_R4+_573	1772646	pORF+_1771813;pORF+_1772710	aroD
MU-666	1774045	1774945	RNAP_peak+_622	RTS_R4+_574			ydiF-ydiO
MU-667	1777641	1780998					ydiQ-ydiR-ydiS-ydiT
MU-668	1781055	1782701					fadK
MU-669	1785472	1786322	RNAP_peak+_623	RTS_R4+_575	1785439	pORF+_1785469	ydiA

MU-670	1786372	1787472	RNAP_peak+_624	RTS_R4+_576	1786345;1786408;1786444	pORF+_1786336	aroH
MU-671	1787647	1787772		RTS_R4+_577	1787609		ydiE
MU-672	1797297	1798022	RNAP_peak+_625	RTS_R4+_578	1797314		NT
MU-673	1801118	1803017	RNAP_peak+_626				arpB
MU-674	1803222	1803297	RNAP_peak+_627	RTS_R4+_579	1803158		yniD
MU-675	1804347	1805322	RNAP_peak+_628	RTS_R4+_580	1804346;1804376	pORF+_1804391	pfkB
MU-676	1805372	1805772	RNAP_peak+_629	RTS_R4+_581	1805399	pORF+_1805424	ydiZ
MU-677	1805797	1806722	RNAP_peak+_630	RTS_R4+_582	1805794	pORF+_1805820	yniA
MU-678	1807347	1808047	RNAP_peak+_631	RTS_R4+_583	1807303;1807313;1807348	pORF+_1807404	yniC
MU-679	1808247	1808597	RNAP_peak+_632	RTS_R4+_584			ydjM
MU-680	1808947	1810672	RNAP_peak+_633	RTS_R4+_585	1808906;1808938;1808943	pORF+_1808958	ydjN
MU-681	1811854	1814229	RNAP_peak+_634	RTS_R4+_586	1811839	pORF+_1811891	katE
MU-682	1820460	1821335	RNAP_peak+_635	RTS_R4+_587	1820452;1820460	pORF+_1820482	nadE
MU-683	1821435	1822310	RNAP_peak+_636	RTS_R4+_588	1821516		cho
MU-684	1830435	1831235	RNAP_peak+_637	RTS_R4+_589	1830423	pORF+_1830440	xthA
MU-685	1831385	1831960	RNAP_peak+_638	RTS_R4+_590	1831520		ydjX
MU-686	1831985	1833210	RNAP_peak+_639	RTS_R4+_591	1832010	pORF+_1831978	ydjY-ydjZ
MU-687	1833360	1838735	RNAP_peak+_640	RTS_R4+_592	1833171;1833341;1833483	pORF+_1833539;pORF+_1834094;pORF+_1837476	ynjA-ynjB-ynjC-ynjD-ynjE
MU-688	1839510	1839860	RNAP_peak+_641	RTS_R4+_593	1839484		nudG
MU-689	1840360	1841885	RNAP_peak+_642	RTS_R4+_594	1840289;1840332;1840340;1840347;1840356;1840362;1840370;1840385	pORF+_1840395	gdhA
MU-690	1846835	1848660	RNAP_peak+_643	RTS_R4+_595	1846816	pORF+_1846717	sppA
MU-691	1848885	1850535	RNAP_peak+_644	RTS_R4+_596	1848858	pORF+_1848884;pORF+_1849893	ansA-pncA
MU-692	1850810	1850885	RNAP_peak+_645	RTS_R4+_597			NT
MU-693	1860560	1861810	RNAP_peak+_646	RTS_R4+_598	1860550;1860641;1860750;1860759;1860764;1860768;1860775	pORF+_1860786	gapA
MU-694	1861860	1862710	RNAP_peak+_647	RTS_R4+_599	1861848	pORF+_1861853	yeaD
MU-695	1864793	1868243	RNAP_peak+_648	RTS_R4+_600	1864771	pORF+_1864932;pORF+_1866979	yeaG-yeaH
MU-696	1868409	1869884	RNAP_peak+_649				yeaI
MU-697	1869318	1869793	RNAP_peak+_650	RTS_R4+_601	1869267		NT
MU-698	1870018	1871418	RNAP_peak+_651	RTS_R4+_602	1870070		yeaJ
MU-699	1871568	1872093	RNAP_peak+_652	RTS_R4+_603	1871568	pORF+_1871598	yeaK
MU-700	1872143	1872693		RTS_R4+_604	1872376		yeaL
MU-701	1873697	1874878	RNAP_peak+_653		1873676		yeaN
MU-702	1874868	1875268	RNAP_peak+_654	RTS_R4+_605	1874890;1874905	pORF+_1874912	yeaO
MU-703	1875718	1876893	RNAP_peak+_655	RTS_R4+_606	1875691	pORF+_1875610	yeaP
MU-704	1880143	1880693	RNAP_peak+_656	RTS_R4+_607	1879856	pORF+_1879936	yeaU
MU-705	1881212	1884834	RNAP_peak+_657		1881168		yeaV-yeaW-yeaX
MU-706	1891343	1891743	RNAP_peak+_658	RTS_R4+_608	1891360;1891366;1891374	pORF+_1891343	yoaB
MU-707	1891918	1892468	RNAP_peak+_659	RTS_R4+_609	1892041	pORF+_1892097	yoaC

MU-708	1892793	1894770	RNAP_peak+_660	RTS_R4+_610	1892781	pORF+_1892829;pORF+_1894194	pabB-nudL
MU-709	1894820	1896370	RNAP_peak+_661	RTS_R4+_611	1894833	pORF+_1894956	sdaA
MU-710	1896445	1898070	RNAP_peak+_662	RTS_R4+_612			yoaD
MU-711	1899920	1901145	RNAP_peak+_663	RTS_R4+_613	1899959;1900054	pORF+_1900072	manX
MU-712	1901170	1902770	RNAP_peak+_664	RTS_R4+_614	1901068;1901076	pORF+_1901106;pORF+_1901910	manY-manZ
MU-713	1902820	1903195	RNAP_peak+_665	RTS_R4+_615	1902743		yobD
MU-714	1903595	1903995	RNAP_peak+_666	RTS_R4+_616	1903486		yebN
MU-715	1906195	1906520	RNAP_peak+_667	RTS_R4+_617	1906179		NT
MU-716	1906945	1907170	RNAP_peak+_668	RTS_R4+_618	1906925	pORF+_1906949	yobH
MU-717	1908300	1909673	RNAP_peak+_669				yebQ
MU-718	1914270	1915245	RNAP_peak+_670	RTS_R4+_619	1914178;1914258	pORF+_1914282	yebS
MU-719	1915295	1918070	RNAP_peak+_671	RTS_R4+_620	1915436	pORF+_1915492	yebT
MU-720	1918245	1919670	RNAP_peak+_672	RTS_R4+_621	1918223	pORF+_1918241	rsmF
MU-721	1919770	1920045	RNAP_peak+_673	RTS_R4+_622	1919749	pORF+_1919789	yebV
MU-722	1920096	1920471	RNAP_peak+_674	RTS_R4+_623	1920121		yebW
MU-723	1921071	1921321	RNAP_peak+_675	RTS_R4+_624	1921090		ryeA
MU-724	1923046	1923421	RNAP_peak+_676	RTS_R4+_625	1923112	pORF+_1923045	holE
MU-725	1923446	1924246	RNAP_peak+_677	RTS_R4+_626	1923413		yobB
MU-726	1924271	1924771	RNAP_peak+_678	RTS_R4+_627	1924122		exoX
MU-727	1928921	1930096	RNAP_peak+_679	RTS_R4+_628	1928881	pORF+_1928905	purT
MU-728	1934424	1935599	RNAP_peak+_680	RTS_R4+_629	1934613	pORF+_1934676	yebK
MU-729	1935624	1937199	RNAP_peak+_681	RTS_R4+_630	1935526;1935566;1935571	pORF+_1935532	pykA
MU-730	1940649	1942374	RNAP_peak+_682	RTS_R4+_631	1940581;1940614;1940625;1940658	pORF+_1940686;pORF+_1941438	znuC-znuB
MU-731	1944275	1944877	RNAP_peak+_683		1944248		yebB
MU-732	1948824	1950124	RNAP_peak+_684	RTS_R4+_632	1948632;1948794	pORF+_1948823;pORF+_1949419	yecD-yecE
MU-733	1950274	1952474	RNAP_peak+_685	RTS_R4+_633	1950455	pORF+_1950131;pORF+_1950726;pORF+_1951466	yecN-cmoA-cmoB
MU-734	1953649	1953874	RNAP_peak+_686	RTS_R4+_634	1953581		NT
MU-735	1958049	1959799	RNAP_peak+_687	RTS_R4+_635	1958029	pORF+_1958086	argS
MU-736	1959996	1960484	RNAP_peak+_688				yecT
MU-737	1970763	1970840	RNAP_peak+_689				C0465
MU-738	1977349	1977424	RNAP_peak+_690	RTS_R4+_636	1977320		NT
MU-739	1977699	1978299	RNAP_peak+_691	RTS_R4+_637	1977744	pORF+_1977777	uspC
MU-740	1980599	1980799	RNAP_peak+_692	RTS_R4+_638	1980567		NT
MU-741	1984802	1985427	RNAP_peak+_693	RTS_R4+_639	1984821		ftnB
MU-742	1986246	1986569	RNAP_peak+_694				yecR
MU-743	1986727	1987227	RNAP_peak+_695	RTS_R4+_640	1986706;1986724	pORF+_1986725	ftnA
MU-744	1987702	1988902	RNAP_peak+_696	RTS_R4+_641	1987667		tyrP
MU-745	1993830	1994030	RNAP_peak+_697	RTS_R4+_642	1993798;1993814	pORF+_1993842	yecF
MU-746	1994905	1995130	RNAP_peak+_698	RTS_R4+_643	1994856		NT
MU-747	1998530	1998730	RNAP_peak+_699	RTS_R4+_644	1998511		NT
MU-748	2001896	2004102	RNAP_peak+_700		2001860;2001866		fliD-fliS-fliT

MU-749	2004173	2005673	RNAP_peak+_701	RTS_R4+_645	2004156	pORF+_2004180	amyA
MU-750	2006298	2007723	RNAP_peak+_702	RTS_R4+_646	2006264	pORF+_2007503	yedE-yedF
MU-751	2007823	2008523	RNAP_peak+_703	RTS_R4+_647	2007826;2007831		yedK
MU-752	2008623	2009223	RNAP_peak+_704	RTS_R4+_648	2008610;2008621		yedL
MU-753	2010526	2010687	RNAP_peak+_705				intG
MU-754	2011723	2016823	RNAP_peak+_706	RTS_R4+_649	2011167	pORF+_2011253;pORF+_2012904;pORF+_2013871;pORF+_2014578	fliF-fliG-fliH-fliI-fliJ-fliK
MU-755	2017748	2018998	RNAP_peak+_707	RTS_R4+_650	2017609	pORF+_2017642	fliL-fliM
MU-756	2019112	2021702	RNAP_peak+_708		2018934	pORF+_2019112	fliN-fliO-fliP-fliQ-fliR
MU-757	2021992	2022615	RNAP_peak+_709		2021861	pORF+_2021992	rcsA
MU-758	2022977	2023252	RNAP_peak+_710	RTS_R4+_651	2022951	pORF+_2022995	yodD
MU-759	2023302	2024427	RNAP_peak+_711	RTS_R4+_652	2023477	pORF+_2023535	yedP
MU-760	2027563	2028483	RNAP_peak+_712				yedA
MU-761	2031673	2031763	RNAP_peak+_713				rseX
MU-762	2032027	2033202	RNAP_peak+_714	RTS_R4+_653	2032159	pORF+_2032045;pORF+_2032863	yedS
MU-763	2033677	2034727	RNAP_peak+_715	RTS_R4+_654	2033655;2033776;2033785;2033789;2033804	pORF+_2033859	hchA
MU-764	2036977	2037677	RNAP_peak+_716	RTS_R4+_655	2036955	pORF+_2036980	yedX
MU-765	2037752	2039127	RNAP_peak+_717	RTS_R4+_656	2037773	pORF+_2037502	yedY-yedZ
MU-766	2039377	2040127	RNAP_peak+_718	RTS_R4+_657	2039362;2039368;2039374;2039382	pORF+_2039399	yodA
MU-767	2040152	2041112	RNAP_peak+_719	RTS_R4+_658	2039935		yodB
MU-768	2041462	2042539	RNAP_peak+_720	RTS_R4+_659	2041628	pORF+_2041636	mtfA
MU-769	2042589	2042739	RNAP_peak+_721	RTS_R4+_660	2042462		asnT
MU-770	2042962	2050038	RNAP_peak+_722			pORF+_2042887	yeeJ
MU-771	2047789	2049889	RNAP_peak+_723	RTS_R4+_661	2047956		NT
MU-772	2051614	2052989	RNAP_peak+_724	RTS_R4+_662	2051590	pORF+_2051667	shiA
MU-773	2053064	2054514	RNAP_peak+_725	RTS_R4+_663	2053054	pORF+_2052929	amn
MU-774	2054864	2055564	RNAP_peak+_726	RTS_R4+_664	2054822;2054830;2054841;2054850;2054862	pORF+_2054882	yeeN
MU-775	2057884	2058034	RNAP_peak+_727	RTS_R4+_665	2057875		asnU
MU-776	2060284	2060359	RNAP_peak+_728	RTS_R4+_666			asnV
MU-777	2066659	2066909	RNAP_peak+_729	RTS_R4+_667	2066552	pORF+_2068268	yoeA
MU-778	2066934	2067209	RNAP_peak+_730	RTS_R4+_668			NT
MU-779	2068284	2068509	RNAP_peak+_731	RTS_R4+_669	2068330	pORF+_2068268	yoeA
MU-780	2068584	2069234	RNAP_peak+_732	RTS_R4+_670	2068543		yeeP
MU-781	2069434	2069459		RTS_R4+_671	2069348		isrC
MU-782	2069536	2072686		RTS_R4+_672	2069496;2069533	pORF+_2069407	flu
MU-783	2072803	2076131	RNAP_peak+_733				yeeR-yeeS-yeeT-yeeU-yeeV-yeeW
MU-784	2074332	2076131	RNAP_peak+_734		2074114		yeeS-yeeT-yeeU-yeeV-yeeW
MU-785	2076086	2076136	RNAP_peak+_735	RTS_R4+_673	2076053		NT
MU-786	2076770	2076955	RNAP_peak+_736				yoeF
MU-787	2080786	2082186	RNAP_peak+_737	RTS_R4+_674	2080756	pORF+_2080708	sbcB

MU-788	2087986	2088136	RNAP_peak+_738	RTS_R4+_675	2087989;2088018		hisL
MU-789	2088186	2094611	RNAP_peak+_739	RTS_R4+_676	2088157;2088187;2088197	pORF+_2088177;pORF+_2089112;pORF+_2090422;pORF+_2091489;pORF+_2092559;pORF+_2093146;pORF+_2093868	hisG-hisD-hisC-hisB-hisH-hisA-hisF
MU-790	2094636	2095261	RNAP_peak+_740	RTS_R4+_677	2094440;2094579	pORF+_2094638	hisI
MU-791	2135916	2137541	RNAP_peak+_741	RTS_R4+_678	2135887	pORF+_2135860	yegH
MU-792	2137591	2137691	RNAP_peak+_742	RTS_R4+_679	2137557		NT
MU-793	2141266	2144541	RNAP_peak+_743	RTS_R4+_680	2141248;2141382		yegE
MU-794	2145716	2146991	RNAP_peak+_744	RTS_R4+_681	2145873	pORF+_2145635	yegD
MU-795	2149209	2149670	RNAP_peak+_745				yegJ
MU-796	2151241	2151441	RNAP_peak+_746	RTS_R4+_682	2151335		ryeC
MU-797	2151691	2151841	RNAP_peak+_747	RTS_R4+_683	2151670		ryeD
MU-798	2152066	2158466	RNAP_peak+_748	RTS_R4+_684	2152003	pORF+_2151893;pORF+_2153287	mdtA-mdtB-mdtC
MU-799	2159266	2162191	RNAP_peak+_749	RTS_R4+_685	2159215;2159276	pORF+_2160900	mdtD-baeS
MU-800	2162291	2163016	RNAP_peak+_750	RTS_R4+_686	2162220	pORF+_2162300	baeR
MU-801	2163166	2163591	RNAP_peak+_751	RTS_R4+_687	2163156	pORF+_2163174	yegP
MU-802	2163616	2165041	RNAP_peak+_752	RTS_R4+_688	2163618	pORF+_2163692	yegQ
MU-803	2165116	2165166	RNAP_peak+_753	RTS_R4+_689	2165138		ryeE
MU-804	2166741	2167591	RNAP_peak+_754	RTS_R4+_690	2166709	pORF+_2166736	yegS
MU-805	2168216	2169541	RNAP_peak+_755	RTS_R4+_691		pORF+_2168251;pORF+_2168556	insE-insF
MU-806	2176843	2180083	RNAP_peak+_756			pORF+_2178117	yegT-yegU-yegV
MU-807	2183966	2184591	RNAP_peak+_757	RTS_R4+_692	2183945;2183960		rcnA
MU-808	2184916	2185266	RNAP_peak+_758	RTS_R4+_693	2184884;2184935	pORF+_2184802	yohN
MU-809	2192291	2194341	RNAP_peak+_759	RTS_R4+_694	2192291	pORF+_2192313	metG
MU-810	2194496	2202311	RNAP_peak+_760			pORF+_2198301	yehH-yehI-yehK
MU-811	2202618	2209122	RNAP_peak+_761			pORF+_2203576;pORF+_2207098	yehL-yehM-yehP-yehQ
MU-812	2209247	2209708	RNAP_peak+_762				yehR
MU-813	2212793	2213593	RNAP_peak+_763	RTS_R4+_695	2212711		mlrA
MU-814	2213693	2213868	RNAP_peak+_764	RTS_R4+_696	2213656		yohO
MU-815	2216118	2216318		RTS_R4+_697	2216103		NT
MU-816	2220143	2221968	RNAP_peak+_765	RTS_R4+_698	2220176	pORF+_2220174	dld
MU-817	2223818	2224443	RNAP_peak+_766	RTS_R4+_699	2223799		yohD
MU-818	2226993	2227468	RNAP_peak+_767	RTS_R4+_700	2226980		NT
MU-819	2228543	2229443	RNAP_peak+_768	RTS_R4+_701	2228625		yohJ-yohK
MU-820	2229468	2230668	RNAP_peak+_769	RTS_R4+_702	2229842	pORF+_2229866	cdd
MU-821	2230918	2231818	RNAP_peak+_770	RTS_R4+_703	2230872	pORF+_2230900	sanA-yeiS
MU-822	2232018	2234496	RNAP_peak+_771	RTS_R4+_704	2232004;2232009	pORF+_2232055	yeiT-yeiA
MU-823	2241846	2242671	RNAP_peak+_772	RTS_R4+_705	2241903	pORF+_2241932	yeiG
MU-824	2247971	2248446	RNAP_peak+_773	RTS_R4+_706	2247690		yeiH
MU-825	2248746	2250646	RNAP_peak+_774	RTS_R4+_707	2248828	pORF+_2248862	nfo-yeiI
MU-826	2253377	2254036	RNAP_peak+_775		2253259		yeiL

MU-827	2261885	2263066	RNAP_peak+_776				setB
MU-828	2262871	2263371		RTS_R4+_708	2262767		NT
MU-829	2263421	2264021	RNAP_peak+_777	RTS_R4+_709	2263437;2263442;2263448;2263464	pORF+_2263217	yeiP
MU-830	2264296	2265696	RNAP_peak+_778	RTS_R4+_710	2264236		yeiQ
MU-831	2265846	2267496	RNAP_peak+_779	RTS_R4+_711	2265820	pORF+_2265851	yeiR-lpxT
MU-832	2267846	2268596	RNAP_peak+_780	RTS_R4+_712	2267942;2267949;2267996	pORF+_2268001	spr
MU-833	2268621	2270171	RNAP_peak+_781	RTS_R4+_713	2268700		rtn
MU-834	2270371	2271846	RNAP_peak+_782	RTS_R4+_714	2270390	pORF+_2270380	yejA
MU-835	2271946	2272221	RNAP_peak+_783	RTS_R4+_715	2271987	pORF+_2272201	yejB
MU-836	2273121	2275796	RNAP_peak+_784	RTS_R4+_716	2273017;2273178	pORF+_2274274	yejE-yejF
MU-837	2276421	2277471	RNAP_peak+_785	RTS_R4+_717	2276513		NT
MU-838	2278621	2280196	RNAP_peak+_786	RTS_R4+_718	2278630	pORF+_2278654	yejH
MU-839	2280471	2280821	RNAP_peak+_787	RTS_R4+_719	2280402	pORF+_2280443	rplY
MU-840	2282022	2284122	RNAP_peak+_788	RTS_R4+_720	2282124	pORF+_2282151;pORF+_2282398	yejL-yejM
MU-841	2284197	2284297	RNAP_peak+_789	RTS_R4+_721	2284233		proL
MU-842	2288388	2289388	RNAP_peak+_790	RTS_R4+_722	2288371;2288391;2288444	pORF+_2288492	narP
MU-843	2301663	2301688	RNAP_peak+_791	RTS_R4+_723	2301615		yojO
MU-844	2301863	2303063	RNAP_peak+_792	RTS_R4+_724	2301894	pORF+_2301906	eco
MU-845	2307050	2307150	RNAP_peak+_793	RTS_R4+_725	2307005		NT
MU-846	2311125	2311175	RNAP_peak+_794	RTS_R4+_726	2311106		micF
MU-847	2311500	2313875	RNAP_peak+_795	RTS_R4+_727	2311474	pORF+_2311510	rcsD
MU-848	2313900	2314925	RNAP_peak+_796	RTS_R4+_728	2314084;2314140	pORF+_2314154	rcsB
MU-849	2318075	2320425	RNAP_peak+_797	RTS_R4+_729	2318037	pORF+_2319888	atoS-atoC
MU-850	2321469	2325315	RNAP_peak+_798			pORF+_2322778;pORF+_2324131	atoD-atoA-atoE-atoB
MU-851	2337575	2338475	RNAP_peak+_799	RTS_R4+_730	2337562	pORF+_2337541	ubiG
MU-852	2339250	2339425	RNAP_peak+_800	RTS_R4+_731	2339227		NT
MU-853	2342800	2345250	RNAP_peak+_801	RTS_R4+_732	2342780	pORF+_2342887	nrdA
MU-854	2345275	2346725	RNAP_peak+_802	RTS_R4+_733	2345374	pORF+_2345175	nrdB-yfaE
MU-855	2347673	2347915	RNAP_peak+_803				yfaH
MU-856	2348025	2348225	RNAP_peak+_804	RTS_R4+_734	2347962		NT
MU-857	2350728	2354178		RTS_R4+_735	2350615	pORF+_2350669;pORF+_2352059	glpA-glpB-glpC
MU-858	2354926	2355825					yfaD
MU-859	2355604	2356154		RTS_R4+_736	2355575		ypaA
MU-860	2362604	2362854	RNAP_peak+_805	RTS_R4+_737	2362549		nudI
MU-861	2363879	2367304	RNAP_peak+_806	RTS_R4+_738	2363738	pORF+_2363917	arnB-arnC-arnA
MU-862	2367379	2369579	RNAP_peak+_807	RTS_R4+_739	2367286;2367400	pORF+_2368930	arnD-arnT
MU-863	2370254	2371279	RNAP_peak+_808	RTS_R4+_740	2370154	pORF+_2370632	arnE-arnF
MU-864	2379629	2380504	RNAP_peak+_809	RTS_R4+_741	2379604;2379610	pORF+_2379612	rbn
MU-865	2380735	2381946				pORF+_2380735	elaD
MU-866	2383882	2385459	RNAP_peak+_810		2383830		yfbL-yfbM
MU-867	2386630	2388005	RNAP_peak+_811	RTS_R4+_742	2386595		yfbO-yfbP
MU-868	2405547	2406797	RNAP_peak+_812	RTS_R4+_743	2405531	pORF+_2405583	yfbQ

MU-869	2406897	2407697	RNAP_peak_+_813	RTS_R4_+_744	2406858	pORF_+_2406884	yfbR
MU-870	2411297	2412697	RNAP_peak_+_814	RTS_R4_+_745	2411366;2411459	pORF_+_2411492	ackA
MU-871	2412747	2414872	RNAP_peak_+_815	RTS_R4_+_746	2412727	pORF_+_2412769	pta
MU-872	2415122	2416472	RNAP_peak_+_816	RTS_R4_+_747			yfcC
MU-873	2418647	2419222	RNAP_peak_+_817	RTS_R4_+_748	2418614	pORF_+_2418643	yfcG
MU-874	2419272	2419697	RNAP_peak_+_818	RTS_R4_+_749	2419323	pORF_+_2419347	folX
MU-875	2419722	2420747	RNAP_peak_+_819	RTS_R4_+_750	2419630	pORF_+_2419730	yfcH
MU-876	2435947	2437022	RNAP_peak_+_820	RTS_R4_+_751	2435951		flk
MU-877	2439797	2441822	RNAP_peak_+_821	RTS_R4_+_752	2439761	pORF_+_2439726	mnmc
MU-878	2446498	2447298	RNAP_peak_+_822	RTS_R4_+_753	2446603	pORF_+_2446628	yfcN
MU-879	2459250	2460625	RNAP_peak_+_823	RTS_R4_+_754	2459227	pORF_+_2459322	fadL
MU-880	2461034	2462092	RNAP_peak_+_824			pORF_+_2461034	yfdF
MU-881	2463328	2464228	RNAP_peak_+_825	RTS_R4_+_755	2463296	pORF_+_2463323	yfdC
MU-882	2464353	2464428	RNAP_peak_+_826	RTS_R4_+_756	2464331		argW
MU-883	2464578	2465778	RNAP_peak_+_827	RTS_R4_+_757	2464537;2464558	pORF_+_2464531	intS
MU-884	2465878	2466928	RNAP_peak_+_828	RTS_R4_+_758	2465852;2465858	pORF_+_2466236	yfdG-yfdH
MU-885	2466953	2468403	RNAP_peak_+_829	RTS_R4_+_759	2467044;2467055	pORF_+_2467153	yfdI
MU-886	2468778	2469228	RNAP_peak_+_830	RTS_R4_+_760	2468770		tfaS
MU-887	2471626	2474253	RNAP_peak_+_831			pORF_+_2472054	yfdP-yfdQ-yfdR-yfdS-yfdT-yfdJ
MU-888	2474278	2474553	RNAP_peak_+_832	RTS_R4_+_761			torI
MU-889	2474606	2474620	RNAP_peak_+_833				pawZ
MU-890	2475869	2477206	RNAP_peak_+_834				dsdX
MU-891	2477078	2478128	RNAP_peak_+_835	RTS_R4_+_762	;2477127;2477132	pORF_+_2477224	dsdA
MU-892	2481679	2483754	RNAP_peak_+_836	RTS_R4_+_763	2481652;2481663	pORF_+_2481777;pORF_+_2482396	evgA-evgS
MU-893	2484079	2485704	RNAP_peak_+_837	RTS_R4_+_764	2483950		NT
MU-894	2492720	2492995	RNAP_peak_+_838				ypdI
MU-895	2493529	2493779	RNAP_peak_+_839	RTS_R4_+_765	2493621		lpxP
MU-896	2494829	2495004	RNAP_peak_+_840	RTS_R4_+_766	2494819		NT
MU-897	2497029	2499129	RNAP_peak_+_841	RTS_R4_+_767	2496668	pORF_+_2498387	ypdA-ypdB
MU-898	2499204	2499879	RNAP_peak_+_842	RTS_R4_+_768	2499128		ypdC
MU-899	2507529	2508879	RNAP_peak_+_843	RTS_R4_+_769	2507477		yfeO
MU-900	2508954	2509404	RNAP_peak_+_844	RTS_R4_+_770	2508983		ypeC
MU-901	2510829	2512379	RNAP_peak_+_845	RTS_R4_+_771	2510904;2511000;2511032	pORF_+_2511025	nupC
MU-902	2512404	2513604	RNAP_peak_+_846	RTS_R4_+_772	2512273	pORF_+_2512347	insL
MU-903	2516479	2517204	RNAP_peak_+_847	RTS_R4_+_773	2516429;2516468	pORF_+_2516474	yfeC-yfeD
MU-904	2518929	2519504	RNAP_peak_+_848	RTS_R4_+_774	2518953		valU-valX-valY-lysV
MU-905	2523180	2523881	RNAP_peak_+_849	RTS_R4_+_775	2523196		yfeN
MU-906	2524956	2526106	RNAP_peak_+_850	RTS_R4_+_776	2524948	pORF_+_2524968	yfeH
MU-907	2529481	2530131	RNAP_peak_+_851	RTS_R4_+_777	2529446	pORF_+_2529485	cysZ
MU-908	2530381	2531581	RNAP_peak_+_852	RTS_R4_+_778	2530399;2530408;2530418	pORF_+_2530431	cysK
MU-909	2531606	2533581	RNAP_peak_+_853	RTS_R4_+_779	2531523;2531529;2531614;2531617;2531710;2531713;2531754;2531757;2531761	pORF_+_2531786;pORF_+_2532088	ptsH-ptsI
MU-910	2533606	2534381	RNAP_peak_+_854	RTS_R4_+_780	2533502;2533632;2533789;2533815;2533834	pORF_+_2533856	crr

MU-911	2535431	2535756	RNAP_peak_+_855	RTS_R4_+_781	2535337		yfeK
MU-912	2535856	2536656	RNAP_peak_+_856	RTS_R4_+_782	2535779		yfeS
MU-913	2541735	2541785	RNAP_peak_+_857	RTS_R4_+_783			NT
MU-914	2543810	2545910		RTS_R4_+_784	2543753;2543763	pORF_+_2543795	murQ-murP
MU-915	2546510	2547560	RNAP_peak_+_858	RTS_R4_+_785	2546310		yfeW
MU-916	2550310	2552110	RNAP_peak_+_859	RTS_R4_+_786	2550264;2550301	pORF_+_2550374;pORF_+_2551247	amiA-hemF
MU-917	2555360	2555960	RNAP_peak_+_860	RTS_R4_+_787	2555334		NT
MU-918	2556810	2558085	RNAP_peak_+_861	RTS_R4_+_788	2556798	pORF_+_2556793	intZ
MU-919	2558385	2558860	RNAP_peak_+_862	RTS_R4_+_789	2558357;2558413		yffL
MU-920	2559390	2560015	RNAP_peak_+_863				yffM-yffN
MU-921	2560136	2561136	RNAP_peak_+_864	RTS_R4_+_790	2560064		yffO-yffP
MU-922	2561586	2561786	RNAP_peak_+_865	RTS_R4_+_791	2561495		yffQ
MU-923	2561936	2562461	RNAP_peak_+_866	RTS_R4_+_792	2561969;2561982	pORF_+_2561984	yffR
MU-924	2562561	2563311	RNAP_peak_+_867	RTS_R4_+_793	2562517	pORF_+_2562395	yffS
MU-925	2570187	2570462	RNAP_peak_+_868	RTS_R4_+_794			NT
MU-926	2576637	2579762	RNAP_peak_+_869	RTS_R4_+_795	2576628;2576664	pORF_+_2576688;pORF_+_2577595	talA-tktB
MU-927	2583613	2585113	RNAP_peak_+_870	RTS_R4_+_796	2583542;2583590		narQ
MU-928	2585563	2587788	RNAP_peak_+_871	RTS_R4_+_797	2585611	pORF_+_2585617	acrD
MU-929	2589188	2589413	RNAP_peak_+_872	RTS_R4_+_798	2589198	pORF_+_2589269	yffB
MU-930	2589438	2590688	RNAP_peak_+_873	RTS_R4_+_799	2589582	pORF_+_2589629	dapE
MU-931	2590713	2591263	RNAP_peak_+_874	RTS_R4_+_800	2590733		ypfN
MU-932	2594813	2594988	RNAP_peak_+_875	RTS_R4_+_801	2594784		NT
MU-933	2597863	2598413	RNAP_peak_+_876	RTS_R4_+_802	2597901	pORF_+_2597862	gcvR
MU-934	2598438	2598963	RNAP_peak_+_877	RTS_R4_+_803	2598431;2598450;2598459;2598466	pORF_+_2598500	bcp
MU-935	2599223	2612804					hyfA-hyfB-hyfC-hyfD-hyfE-hyfF-hyfG-hyfH-hyfI-hyfJ-hyfR-focB
MU-936	2614040	2616065	RNAP_peak_+_878	RTS_R4_+_804	2614048;2614090	pORF_+_2614116;pORF_+_2615600	yfgC-yfgD
MU-937	2619191	2620891	RNAP_peak_+_879	RTS_R4_+_805	2619175	pORF_+_2619204;pORF_+_2620256	purM-purN
MU-938	2620966	2624653	RNAP_peak_+_880	RTS_R4_+_806	2620970;2620980	pORF_+_2621060;pORF_+_2623098	ppk-ppx
MU-939	2626078	2626153	RNAP_peak_+_881	RTS_R4_+_807	2626040		NT
MU-940	2627303	2627503	RNAP_peak_+_882	RTS_R4_+_808	2627274		yfgG
MU-941	2627878	2628853	RNAP_peak_+_883	RTS_R4_+_809	2627785		yfgH-yfgI
MU-942	2632253	2633753	RNAP_peak_+_884	RTS_R4_+_810	2632219	pORF_+_2632254	xseA
MU-943	2650430	2651355	RNAP_peak_+_885	RTS_R4_+_811	2650491	pORF_+_2650357	sseA
MU-944	2651537	2651745	RNAP_peak_+_886				IS128
MU-945	2651899	2652149	RNAP_peak_+_887	RTS_R4_+_812	2651867		ryfA
MU-946	2661452	2662202	RNAP_peak_+_888	RTS_R4_+_813	2661428;2661437	pORF_+_2661464	suhB
MU-947	2662385	2663266	RNAP_peak_+_889				yfhR
MU-948	2663452	2664952	RNAP_peak_+_890	RTS_R4_+_814	2663423	pORF_+_2663436	csiE
MU-949	2666202	2666327	RNAP_peak_+_891	RTS_R4_+_815	2666220		NT

MU-950	2667227	2671227		RTS_R4_+_816	2667041		pORF_+_2670069		hcaE-hcaF-hcaC-hcaB-hcaD
MU-951	2671302	2671777	RNAP_peak_+_892	RTS_R4_+_817	2671343				yphA
MU-952	2680827	2682077	RNAP_peak_+_893	RTS_R4_+_818	2680827				yphH
MU-953	2682152	2682252	RNAP_peak_+_894	RTS_R4_+_819	2682044		pORF_+_2682237		NT
MU-954	2683852	2685052	RNAP_peak_+_895	RTS_R4_+_820	2683819;2683831		pORF_+_2683836		hmp
MU-955	2693777	2694952	RNAP_peak_+_896	RTS_R4_+_821	2693782		pORF_+_2693823		yfhD
MU-956	2696727	2697627	RNAP_peak_+_897	RTS_R4_+_822	2696762		pORF_+_2696709		yfhH
MU-957	2697652	2698002	RNAP_peak_+_898	RTS_R4_+_823	2697658;2697678				yfhL
MU-958	2698542	2698618							ryfC
MU-959	2708439	2710114	RNAP_peak_+_899	RTS_R4_+_824	2708414		pORF_+_2708442		nadB
MU-960	2710789	2712414	RNAP_peak_+_900	RTS_R4_+_825	2710900		pORF_+_2710918		srmB
MU-961	2713445	2714032	RNAP_peak_+_901						eamB
MU-962	2714764	2715564	RNAP_peak_+_902	RTS_R4_+_826	2714752		pORF_+_2714776		ung
MU-963	2716714	2717164	RNAP_peak_+_903	RTS_R4_+_827	2716697		pORF_+_2716757		trxC
MU-964	2717264	2720264	RNAP_peak_+_904	RTS_R4_+_828	2717227		pORF_+_2717975		yfiP-yfiQ
MU-965	2720314	2720639	RNAP_peak_+_905	RTS_R4_+_829	2720309		pORF_+_2720746		pssA
MU-966	2720664	2722089	RNAP_peak_+_906	RTS_R4_+_830	2720643;2720648;2720691		pORF_+_2720746		pssA
MU-967	2722150	2722473	RNAP_peak_+_907						yfiM
MU-968	2723890	2724040	RNAP_peak_+_908	RTS_R4_+_831	2723856				NT
MU-969	2733994	2734894	RNAP_peak_+_909	RTS_R4_+_832	2733982;2734095;2734107;2734135		pORF_+_2734168		bamD
MU-970	2735144	2735569	RNAP_peak_+_910	RTS_R4_+_833	2735146;2735152		pORF_+_2735176		raiA
MU-971	2735619	2736819	RNAP_peak_+_911	RTS_R4_+_834	2735602		pORF_+_2735767		pheL-pheA
MU-972	2739394	2739744	RNAP_peak_+_912	RTS_R4_+_835	2739371				yfiL
MU-973	2739869	2742119	RNAP_peak_+_913	RTS_R4_+_836	2739846		pORF_+_2740405;pORF_+_2741647		yfiR-yfiN-yfiB
MU-974	2745970	2747970	RNAP_peak_+_914	RTS_R4_+_837	2745953		pORF_+_2745909;pORF_+_2746820		ypjD-yfjD
MU-975	2748745	2749645	RNAP_peak_+_915	RTS_R4_+_838	2748759;2748788		pORF_+_2748853		nadK
MU-976	2749820	2751470	RNAP_peak_+_916	RTS_R4_+_839	2749782;2749795				recN
MU-977	2751520	2751970	RNAP_peak_+_917	RTS_R4_+_840	2751510;2751542;2751577;2751616		pORF_+_2751627		smpA
MU-978	2752820	2753495	RNAP_peak_+_918	RTS_R4_+_841	2752854;2752896		pORF_+_2752918		smpB
MU-979	2753620	2754020	RNAP_peak_+_919	RTS_R4_+_842	2753615				ssrA
MU-980	2754170	2755370	RNAP_peak_+_920	RTS_R4_+_843	2754155;2754190				intA
MU-981	2755920	2756070	RNAP_peak_+_921	RTS_R4_+_844					NT
MU-982	2756666	2756878	RNAP_peak_+_922		2756635				alpA
MU-983	2757007	2759195	RNAP_peak_+_923				pORF_+_2757007		yfjI-yfjJ
MU-984	2763411	2763811		RTS_R4_+_845	2763238				NT
MU-985	2763936	2764486	RNAP_peak_+_924	RTS_R4_+_846	2763916;2763922				rnIA
MU-986	2764511	2765461	RNAP_peak_+_925	RTS_R4_+_847	2764659;2764729				yfjO
MU-987	2766092	2766592	RNAP_peak_+_926	RTS_R4_+_848			pORF_+_2765726		yfjP-yfjQ
MU-988	2767725	2769637							yfjR-ypjK-yfjS-yfjT
MU-989	2769842	2770167	RNAP_peak_+_927	RTS_R4_+_849	2769830				NT
MU-990	2771242	2772842	RNAP_peak_+_928	RTS_R4_+_850	2771308				yfjW
MU-991	2773417	2773492	RNAP_peak_+_929	RTS_R4_+_851	2773413				NT

MU-992	2773567	2775804	RNAP_peak_+_930				ypjI-yfjX-yfjY-ypjJ-yfjZ-ypjF
MU-993	2775792	2776043	RNAP_peak_+_931	RTS_R4_+_852	2775809		psaA
MU-994	2776893	2776993	RNAP_peak_+_932	RTS_R4_+_853	2776786		NT
MU-995	2784419	2786671	RNAP_peak_+_933				ygaQ
MU-996	2786976	2788826	RNAP_peak_+_934	RTS_R4_+_854	2786949	pORF_+_2787938	csiD-ygaF
MU-997	2788851	2793677	RNAP_peak_+_935	RTS_R4_+_855	2788933;2788948	pORF_+_2789295;pORF_+_2790751	gabD-gabT-gabP
MU-998	2793702	2794352	RNAP_peak_+_936	RTS_R4_+_856	2793646		csiR
MU-999	2795252	2796027	RNAP_peak_+_937	RTS_R4_+_857	2795209;2795219	pORF_+_2795542	ygaV-ygaP
MU-1000	2797127	2797902	RNAP_peak_+_938	RTS_R4_+_858	2797144		ygaW
MU-1001	2798177	2798502	RNAP_peak_+_939	RTS_R4_+_859	2798143;2798150	pORF_+_2798156	ygaM
MU-1002	2798702	2802478	RNAP_peak_+_940	RTS_R4_+_860	2798678	pORF_+_2798745;pORF_+_2799370	nrdH-nrdI-nrdE-nrdF
MU-1003	2802828	2806028	RNAP_peak_+_941	RTS_R4_+_861	2802587;2802771;2802782	pORF_+_2802564;pORF_+_2805112	proV-proW-proX
MU-1004	2806338	2807515	RNAP_peak_+_942				ygaY
MU-1005	2807628	2808828	RNAP_peak_+_943	RTS_R4_+_862	2807591;2807602;2807710		ygaZ-ygaH
MU-1006	2808853	2810103	RNAP_peak_+_944	RTS_R4_+_863	2808717;2808741;2808755;2808768	pORF_+_2808792;pORF_+_2809437	mprA
MU-1007	2810128	2812178	RNAP_peak_+_945	RTS_R4_+_864	2809360	pORF_+_2809437	emrA-emrB
MU-1008	2812831	2812856	RNAP_peak_+_946	RTS_R4_+_865	2812824		micA
MU-1009	2823906	2826281	RNAP_peak_+_947	RTS_R4_+_866	2823750;2823813	pORF_+_2823854	srlA-srlE-srlB-srlD
MU-1010	2826643	2827002	RNAP_peak_+_948				gutM
MU-1011	2826981	2827731	RNAP_peak_+_949	RTS_R4_+_867	2826984	pORF_+_2827069	srlR
MU-1012	2827781	2828756	RNAP_peak_+_950	RTS_R4_+_868	2827732	pORF_+_2827835	gutQ
MU-1013	2830756	2831056	RNAP_peak_+_951	RTS_R4_+_869	2830462		norV-norW-C0664
MU-1014	2835331	2835456	RNAP_peak_+_952	RTS_R4_+_870	2835275		NT
MU-1015	2837481	2840481	RNAP_peak_+_953	RTS_R4_+_871	2837449		ascF-ascB
MU-1016	2848706	2850681	RNAP_peak_+_954	RTS_R4_+_872	2848861	pORF_+_2849023;pORF_+_2849859	hypA-hypB-hypC-hypD
MU-1017	2850706	2852306	RNAP_peak_+_955	RTS_R4_+_873	2850757	pORF_+_2851276	hypE
MU-1018	2852331	2854256	RNAP_peak_+_956	RTS_R4_+_874	2852316;2852323	pORF_+_2852324	fhIA
MU-1019	2855081	2857731	RNAP_peak_+_957	RTS_R4_+_875	2855046;2855085;2855105;2855132	pORF_+_2855115	mutS
MU-1020	2857782	2858438	RNAP_peak_+_958				pphB
MU-1021	2859457	2864407	RNAP_peak_+_959	RTS_R4_+_876	2859414		ygbJ-ygbK-ygbL-ygbM-ygbN
MU-1022	2865857	2865932	RNAP_peak_+_960	RTS_R4_+_877	2865777		NT
MU-1023	2874607	2875632	RNAP_peak_+_961	RTS_R4_+_878	2874569		iap
MU-1024	2890253	2892703	RNAP_peak_+_962	RTS_R4_+_879	2890212		sscR-ygcN-ygcO-ygcP
MU-1025	2898614	2901396	RNAP_peak_+_963			pORF_+_2899918	yqcE-ygcE
MU-1026	2901938	2902488	RNAP_peak_+_964	RTS_R4_+_880	2902008		NT
MU-1027	2903733	2904605	RNAP_peak_+_965				ygcG
MU-1028	2912813	2915838	RNAP_peak_+_966	RTS_R4_+_881	2912910	pORF_+_2913079	barA
MU-1029	2923363	2924213	RNAP_peak_+_967	RTS_R4_+_882	2923341	pORF_+_2923370	queF
MU-1030	2924263	2925688	RNAP_peak_+_968	RTS_R4_+_883	2924294	pORF_+_2924330	ygdH

MU-1031	2926165	2929815	RNAP_peak+_969	RTS_R4+_884	2926172;2926178;2926223	pORF+_2926251;pORF+_2927598;pORF+_2928987	sdaC-sdaB-ygdG
MU-1032	2932257	2936908				pORF+_2933606	fucP-fucI-fucK
MU-1033	2936515	2938123	RNAP_peak+_970	RTS_R4+_885	2936466;2936671	pORF+_2936910;pORF+_2937381	fucU-fucR
MU-1034	2940748	2940848	RNAP_peak+_971	RTS_R4+_886	2940718		gcvB
MU-1035	2941348	2942348	RNAP_peak+_972	RTS_R4+_887	2941341		csdA
MU-1036	2942373	2942998	RNAP_peak+_973	RTS_R4+_888	2942505	pORF+_2942564	csdE
MU-1037	2943923	2944023	RNAP_peak+_974	RTS_R4+_889			NT
MU-1038	2945423	2945498	RNAP_peak+_975	RTS_R4+_890	2945409		metZ-metW-metV
MU-1039	2947223	2949273	RNAP_peak+_976	RTS_R4+_891	2947233;2947241	pORF+_2947198	argA
MU-1040	2967600	2968275	RNAP_peak+_977	RTS_R4+_892	2967638		mutH
MU-1041	2968450	2968925	RNAP_peak+_978	RTS_R4+_893	2968416		ygdQ
MU-1042	2969300	2969500	RNAP_peak+_979	RTS_R4+_894	2969260;2969272	pORF+_2969293	ygdR
MU-1043	2969575	2970778	RNAP_peak+_980	RTS_R4+_895	2969587	pORF+_2969619	tas
MU-1044	2974578	2975778	RNAP_peak+_981	RTS_R4+_896	2974591	pORF+_2974621	galR
MU-1045	2977028	2977903	RNAP_peak+_982	RTS_R4+_897	2976932		lysR
MU-1046	2980503	2980778	RNAP_peak+_983	RTS_R4+_898	2980467		NT
MU-1047	2981553	2981853	RNAP_peak+_984	RTS_R4+_899			NT
MU-1048	2983869	2985098	RNAP_peak+_985		2983673		yqeG
MU-1049	2985558	2986190	RNAP_peak+_986		2985533		yqeH
MU-1050	2986524	2987808	RNAP_peak+_987				yqeI-yqeJ
MU-1051	2988576	2989065	RNAP_peak+_988		2988440		ygeF
MU-1052	2989290	2989781	RNAP_peak+_989				ygeG
MU-1053	2990116	2991492	RNAP_peak+_990		2990004		ygeH
MU-1054	2991660	2991878	RNAP_peak+_991		2991615		ygeI
MU-1055	2991961	2992463	RNAP_peak+_992				pbl
MU-1056	2994300	2994625	RNAP_peak+_993	RTS_R4+_900			NT
MU-1057	2998425	3002100	RNAP_peak+_994	RTS_R4+_901	2998296		xdhA-xdhB-xdhC
MU-1058	3005554	3010179	RNAP_peak+_995	RTS_R4+_902		pORF+_3009483	ygeW-ygeX-ygeY-hyuA-yqeA
MU-1059	3013129	3013954	RNAP_peak+_996	RTS_R4+_903	3013125		ygfJ
MU-1060	3016154	3021804	RNAP_peak+_997	RTS_R4+_904		pORF+_3014082;pORF+_3019338	ygfK-ssnA-ygfM-xdhD
MU-1061	3022373	3023773					ygfO
MU-1062	3023729	3026502		RTS_R4+_905	3023691		guaD-ygfQ
MU-1063	3029389	3030837	RNAP_peak+_998			pORF+_3029260	ygfU
MU-1064	3031077	3031727	RNAP_peak+_999	RTS_R4+_906	3031063;3031071	pORF+_3031087	idi
MU-1065	3037877	3038377	RNAP_peak+_1000	RTS_R4+_907	3037844	pORF+_3037877	fldB
MU-1066	3039327	3040677	RNAP_peak+_1001	RTS_R4+_908	3039304	pORF+_3039335	ygfZ
MU-1067	3041627	3043177	RNAP_peak+_1002	RTS_R4+_909	3041661;3041716	pORF+_3041666	bglA
MU-1068	3053527	3053777	RNAP_peak+_1003	RTS_R4+_910	3053511	pORF+_3053634	zapA
MU-1069	3053802	3054627	RNAP_peak+_1004	RTS_R4+_911	3053781;3053790;3053880;3053996		ssrS-ygfA
MU-1070	3054902	3055152	RNAP_peak+_1005	RTS_R4+_912	3054873		rygC
MU-1071	3057777	3058503	RNAP_peak+_1006	RTS_R4+_913	3057743;3057751	pORF+_3057709	argP
MU-1072	3058872	3064302				pORF+_3061009	scpA-argK-scpB-scpC

MU-1073	3065058	3065533	RNAP_peak+_1007	RTS_R4+_914	3065229		NT
MU-1074	3079721	3080771	RNAP_peak+_1008	RTS_R4+_915	3079905	pORF+_3079716	yggG
MU-1075	3084209	3084424	RNAP_peak+_1009				yqgC
MU-1076	3084624	3085874	RNAP_peak+_1010	RTS_R4+_916	3084589;3084613;3084691;3084705;3084711	pORF+_3084716	metK
MU-1077	3086249	3088974	RNAP_peak+_1011	RTS_R4+_917	3086277	pORF+_3088366	galP-yggI-endA
MU-1078	3089124	3091049	RNAP_peak+_1012	RTS_R4+_918	3089091;3089097	pORF+_3089129;pORF+_3089900	rsmE-gshB
MU-1079	3091074	3092024	RNAP_peak+_1013	RTS_R4+_919	3090922;3090929	pORF+_3090887;pORF+_3091396	yqgE-yqgF
MU-1080	3093124	3094599	RNAP_peak+_1014	RTS_R4+_920	3093082	pORF+_3093120	yggS-yggT-yggU
MU-1081	3094624	3096449	RNAP_peak+_1015	RTS_R4+_921	3094639;3094645	pORF+_3094703;pORF+_3095289	rdgB-yggW
MU-1082	3096574	3096599	RNAP_peak+_1016	RTS_R4+_922	3096582		NT
MU-1083	3098699	3098874	RNAP_peak+_1017	RTS_R4+_923			NT
MU-1084	3101024	3102049	RNAP_peak+_1018	RTS_R4+_924	3101011;3101024		mutY
MU-1085	3102074	3103524	RNAP_peak+_1019	RTS_R4+_925	3102014;3102064	pORF+_3102115;pORF+_3102452	yggX-mltC
MU-1086	3103699	3104624	RNAP_peak+_1020	RTS_R4+_926	3103673	pORF+_3103688	nupG
MU-1087	3107238	3108288	RNAP_peak+_1021	RTS_R4+_927	3107546		yqgA
MU-1088	3108413	3108463	RNAP_peak+_1022	RTS_R4+_928	3108436		pheV
MU-1089	3109263	3109588	RNAP_peak+_1023	RTS_R4+_929	3109328		NT
MU-1090	3119263	3119613	RNAP_peak+_1024	RTS_R4+_930	3119402		C0719
MU-1091	3126238	3127213	RNAP_peak+_1025	RTS_R4+_931	3126227		glcC
MU-1092	3128163	3129238	RNAP_peak+_1026	RTS_R4+_932	3128104	pORF+_3128200	insH
MU-1093	3132153	3132845	RNAP_peak+_1027				yghT
MU-1094	3136738	3137738	RNAP_peak+_1028	RTS_R4+_933	3136722	pORF+_3136701	yghU
MU-1095	3145913	3147038	RNAP_peak+_1029	RTS_R4+_934	3145884	pORF+_3145919	yghZ
MU-1096	3147688	3148563	RNAP_peak+_1030	RTS_R4+_935	3147658	pORF+_3147684	yghA
MU-1097	3150188	3151463	RNAP_peak+_1031	RTS_R4+_936	3150232	pORF+_3150123	metC
MU-1098	3151488	3152213	RNAP_peak+_1032	RTS_R4+_937	3151551	pORF+_3151585	yghB
MU-1099	3153322	3154622	RNAP_peak+_1033	RTS_R4+_938	3153325;3153352	pORF+_3153353;pORF+_3153651	yqhD
MU-1100	3154647	3155522		RTS_R4+_939	3154594	pORF+_3154645	dkgA
MU-1101	3155672	3156906	RNAP_peak+_1034			pORF+_3156649	yqhG-yqhH
MU-1102	3167824	3169824	RNAP_peak+_1035	RTS_R4+_940	3167822	pORF+_3168506	qseB-qseC
MU-1103	3170552	3171152	RNAP_peak+_1036	RTS_R4+_941	3170526	pORF+_3170552	mdaB
MU-1104	3171177	3171527	RNAP_peak+_1037	RTS_R4+_942	3171143	pORF+_3171164	ygiN
MU-1105	3175102	3175277	RNAP_peak+_1038	RTS_R4+_943	3175035		NT
MU-1106	3175902	3177702	RNAP_peak+_1039	RTS_R4+_944	3175888;3176023;3176097	pORF+_3176098	toiC
MU-1107	3177752	3178852	RNAP_peak+_1040	RTS_R4+_945	3177739	pORF+_3177733;pORF+_3178443	ygiB
MU-1108	3178877	3179652	RNAP_peak+_1041	RTS_R4+_946	3178779;3178893;3178902	pORF+_3178443	ygiC
MU-1109	3180477	3181327	RNAP_peak+_1042	RTS_R4+_947	3180445;3180472	pORF+_3180530	zupT
MU-1110	3182852	3183127	RNAP_peak+_1043	RTS_R4+_948	3182820;3182835	pORF+_3182802	yqiC
MU-1111	3183436	3183987	RNAP_peak+_1044			pORF+_3183436	ygiL

MU-1112	3184083	3184111	RNAP_peak+_1045				yqiG
MU-1113	3184127	3185552	RNAP_peak+_1046	RTS_R4+_949	3184102		insC-insD
MU-1114	3184083	3189718	RNAP_peak+_1047				yqiG-yqiH-yqiI
MU-1115	3190230	3192547	RNAP_peak+_1048			pORF+_3190230;pORF+_3190886	yqiJ-yqiK
MU-1116	3199102	3199827	RNAP_peak+_1049	RTS_R4+_950	3199068;3199114;3199202	pORF+_3199229	htrG
MU-1117	3199852	3201402	RNAP_peak+_1050	RTS_R4+_951	3199811;3199885;3199888;3199920	pORF+_3199913	cca
MU-1118	3202627	3203352	RNAP_peak+_1051	RTS_R4+_952	3202677		ygiH
MU-1119	3204485	3207509	RNAP_peak+_1052				ttdA-ttdB-ttdT
MU-1120	3208702	3210627	RNAP_peak+_1053	RTS_R4+_953	3208669;3208738;3208740;3208743;3208781	pORF+_3208803;pORF+_3209129	rpsU-dnaG
MU-1121	3210652	3212952	RNAP_peak+_1054	RTS_R4+_954	3210489;3210710;3210752;3210963	pORF+_3211069	rpoD
MU-1122	3213652	3213677	RNAP_peak+_1055	RTS_R4+_955	3213668		ileX
MU-1123	3214752	3215552	RNAP_peak+_1056	RTS_R4+_956	3214775	pORF+_3214801	yqiI
MU-1124	3217502	3219052	RNAP_peak+_1057	RTS_R4+_957	3217481	pORF+_3217405	ygjG
MU-1125	3219428	3220353	RNAP_peak+_1058	RTS_R4+_958	3219417	pORF+_3219488	ebgR
MU-1126	3220655	3224193					ebgA-ebgC
MU-1127	3224256	3225689	RNAP_peak+_1059				ygjI
MU-1128	3225823	3229261	RNAP_peak+_1060				ygjJ-ygjK
MU-1129	3229703	3231653		RTS_R4+_959	3229646	pORF+_3229687	fadH
MU-1130	3233953	3234428	RNAP_peak+_1061	RTS_R4+_960	3233959		ygjP-ygjQ
MU-1131	3235328	3236328	RNAP_peak+_1062	RTS_R4+_961	3235304	pORF+_3235315	ygjR
MU-1132	3236378	3236553	RNAP_peak+_1063	RTS_R4+_962	3236497		psrN
MU-1133	3236602	3237567	RNAP_peak+_1064				alx
MU-1134	3237903	3239128	RNAP_peak+_1065	RTS_R4+_963	3237885	pORF+_3237966	sstT
MU-1135	3243198	3244523	RNAP_peak+_1066	RTS_R4+_964	3243045		exuT
MU-1136	3244648	3245423	RNAP_peak+_1067	RTS_R4+_965	3244646;3244656	pORF+_3244659	exuR
MU-1137	3245523	3246823	RNAP_peak+_1068	RTS_R4+_966	3245573;3245627;3245652;3245667		yqjA-yqjB
MU-1138	3246873	3248398	RNAP_peak+_1069	RTS_R4+_967	3246991	pORF+_3246976;pORF+_3247397	yqjC-yqjD-yqjE-yqjK
MU-1139	3248448	3248923	RNAP_peak+_1070	RTS_R4+_968	3248592		yqjF
MU-1140	3249048	3250073	RNAP_peak+_1071	RTS_R4+_969	3249186	pORF+_3249025	yqjG
MU-1141	3250223	3250723	RNAP_peak+_1072	RTS_R4+_970	3250285		yhaH
MU-1142	3250933	3251289	RNAP_peak+_1073				yhaI
MU-1143	3252349	3252524	RNAP_peak+_1074	RTS_R4+_971	3252319		yhaK
MU-1144	3253049	3253324	RNAP_peak+_1075	RTS_R4+_972	3253037;3253039	pORF+_3253059	yhaL
MU-1145	3265402	3265620	RNAP_peak+_1076				tdcR
MU-1146	3265876	3267624	RNAP_peak+_1077			pORF+_3265846	yhaB-yhaC
MU-1147	3267751	3268195	RNAP_peak+_1078	RTS_R4+_973	3267552		NT
MU-1148	3273295	3274845	RNAP_peak+_1079	RTS_R4+_974	3273229;3273257;3273271		garD
MU-1149	3274995	3275820	RNAP_peak+_1080	RTS_R4+_975	3274994	pORF+_3275024	sohA-yhaV
MU-1150	3276936	3282025	RNAP_peak+_1081		3276888	pORF+_3276936;pORF+_3281165	kbaZ-agaV-agaW-agaA-agaS-kbaY

MU-1151	3282192	3285047	RNAP_peak_+_1082		3281839		pORF_+_3283353	agaB-agaC-agaD-agaI
MU-1152	3285448	3290454	RNAP_peak_+_1083		3285425		pORF_+_3286761	yraH-yraI-yraJ-yraK
MU-1153	3291421	3293821	RNAP_peak_+_1084	RTS_R4_+_976	3291391		pORF_+_3291392	yraM-yraN
MU-1154	3293846	3294571	RNAP_peak_+_1085	RTS_R4_+_977	3293818		pORF_+_3293831	diaA-yraP
MU-1155	3294596	3295171	RNAP_peak_+_1086	RTS_R4_+_978	3294399		pORF_+_3294431	yraP
MU-1156	3296971	3297521	RNAP_peak_+_1087	RTS_R4_+_979	3296930		pORF_+_3296954	yhbO
MU-1157	3297996	3298221	RNAP_peak_+_1088	RTS_R4_+_980	3297963			yhbQ
MU-1158	3299271	3301096	RNAP_peak_+_1089	RTS_R4_+_981	3299461			yhbU-yhbV
MU-1159	3301471	3302796	RNAP_peak_+_1090	RTS_R4_+_982	3301434;3301444		pORF_+_3301470	yhbW
MU-1160	3309247	3309420	RNAP_peak_+_1091					psrO
MU-1161	3316521	3317946	RNAP_peak_+_1092	RTS_R4_+_983	3316582;3316589;3316601;3316636		pORF_+_3316659	argG
MU-1162	3325796	3326171	RNAP_peak_+_1093	RTS_R4_+_984	3325781		pORF_+_3325812	yhbY
MU-1163	3326971	3328521	RNAP_peak_+_1094	RTS_R4_+_985	3326958		pORF_+_3326985	dacB
MU-1164	3331546	3333096	RNAP_peak_+_1095	RTS_R4_+_986	3331658;3331724;3331736		pORF_+_3331732	ispB-sfsB
MU-1165	3338272	3340272	RNAP_peak_+_1096	RTS_R4_+_987	3338233;3338256		pORF_+_3338297;pORF_+_3339267	yrbG-kdsD
MU-1166	3340297	3341272	RNAP_peak_+_1097	RTS_R4_+_988	3340285		pORF_+_3340295;pORF_+_3340858	kdsC-yrbK
MU-1167	3341297	3342697	RNAP_peak_+_1098	RTS_R4_+_989	3341327;3341390		pORF_+_3341381;pORF_+_3341966	lptA-lptB
MU-1168	3342722	3344222	RNAP_peak_+_1099	RTS_R4_+_990	3342713		pORF_+_3342739	rpoN
MU-1169	3344247	3346297	RNAP_peak_+_1100	RTS_R4_+_991	3344129;3344137		pORF_+_3344111;pORF_+_3344576;pORF_+_3345137;pORF_+_3345988	hpf-ptsN-yhbJ-npr
MU-1170	3346472	3347397	RNAP_peak_+_1101	RTS_R4_+_992	3346447		pORF_+_3346417	yrbL
MU-1171	3348604	3348704	RNAP_peak_+_1102	RTS_R4_+_993	3348610			ryhA
MU-1172	3350054	3350104	RNAP_peak_+_1103	RTS_R4_+_994				NT
MU-1173	3352104	3352329	RNAP_peak_+_1104	RTS_R4_+_995	3352068			NT
MU-1174	3352554	3358729	RNAP_peak_+_1105	RTS_R4_+_996	3352533;3352544;3352583		pORF_+_3352639;pORF_+_3357220	gltB-gltD
MU-1175	3359204	3360079	RNAP_peak_+_1106	RTS_R4_+_997	3359153;3359163;3359175			gltF
MU-1176	3360134	3363573	RNAP_peak_+_1107				pORF_+_3360811	yhcA-yhcD-yhcE
MU-1177	3361129	3363029	RNAP_peak_+_1108	RTS_R4_+_998	3360933;3360973		pORF_+_3360811	yhcD-yhcE
MU-1178	3363207	3363573	RNAP_peak_+_1109					yhcE
MU-1179	3365004	3365879	RNAP_peak_+_1110	RTS_R4_+_999	3364969;3364973		pORF_+_3364948	yhcF
MU-1180	3365849	3366976	RNAP_peak_+_1111					yhcG
MU-1181	3372891	3374258	RNAP_peak_+_1112				pORF_+_3372873	dcuD
MU-1182	3378059	3378584	RNAP_peak_+_1113	RTS_R4_+_1000	3378148;3378182		pORF_+_3378207	yhcB
MU-1183	3378709	3380084	RNAP_peak_+_1114	RTS_R4_+_1001	3378675;3378729		pORF_+_3378723	degQ
MU-1184	3380184	3381284	RNAP_peak_+_1115	RTS_R4_+_1002	3380203		pORF_+_3380222	degS
MU-1185	3382684	3383184	RNAP_peak_+_1116	RTS_R4_+_1003	3382622;3382699		pORF_+_3382725	argR
MU-1186	3383528	3383803	RNAP_peak_+_1117	RTS_R4_+_1004	3383540		pORF_+_3383509	yhcN
MU-1187	3386978	3387503	RNAP_peak_+_1118	RTS_R4_+_1005	3386963			NT
MU-1188	3387553	3388428	RNAP_peak_+_1119	RTS_R4_+_1006	3387502		pORF_+_3387542	aaeR
MU-1189	3391028	3391128	RNAP_peak_+_1120	RTS_R4_+_1007	3390911			NT

MU-1190	3392528	3392628	RNAP_peak+_1121	RTS_R4+_1008	3392539		NT
MU-1191	3395878	3395928	RNAP_peak+_1122	RTS_R4+_1009	3395856		NT
MU-1192	3400628	3401353	RNAP_peak+_1123	RTS_R4+_1010	3400640		NT
MU-1193	3401378	3402578	RNAP_peak+_1124	RTS_R4+_1011	3401252;3401401;3401475	pORF+_3401506	yhdH
MU-1194	3402628	3403078	RNAP_peak+_1125	RTS_R4+_1012	3402769;3402779		yrdE
MU-1195	3403328	3405278	RNAP_peak+_1126	RTS_R4+_1013	3403396;3403474	pORF+_3403458;pORF+_3403900	accB-accC
MU-1196	3405406	3406781	RNAP_peak+_1127	RTS_R4+_1014	3405208;3405256		yhdT-panF
MU-1197	3406831	3408006	RNAP_peak+_1128	RTS_R4+_1015	3407005;3407062	pORF+_3407092	prmA
MU-1198	3408206	3409606	RNAP_peak+_1129	RTS_R4+_1016	3408270	pORF+_3408302;pORF+_3409293	dusB-fis
MU-1199	3409675	3410559	RNAP_peak+_1130				yhdJ
MU-1200	3410656	3410756	RNAP_peak+_1131	RTS_R4+_1017	3410612		yhdU
MU-1201	3411886	3416159	RNAP_peak+_1132		3411816	pORF+_3411886;pORF+_3413055	acrE-acrF
MU-1202	3416357	3416557	RNAP_peak+_1133	RTS_R4+_1018	3416353	pORF+_3416412	yhdV
MU-1203	3416982	3421182	RNAP_peak+_1134	RTS_R4+_1019	3417074	pORF+_3420458	yhdW-yhdX-yhdY-yhdZ
MU-1204	3427232	3428007	RNAP_peak+_1135	RTS_R4+_1020	3427233	pORF+_3427042	yrdA
MU-1205	3431707	3435882	RNAP_peak+_1136	RTS_R4+_1021	3431672;3431680	pORF+_3431712;pORF+_3432236;pORF+_3433208;pORF+_3434540	def-fmt-rsmB-trkA
MU-1206	3436032	3436457	RNAP_peak+_1137	RTS_R4+_1022	3435866;3436063	pORF+_3436046	mscL
MU-1207	3453572	3463997	RNAP_peak+_1138	RTS_R4+_1023	3453562;3453580	pORF+_3456361	gspC-gspD-gspE-gspF-gspG-gspH-gspI-gspJ-gspK-gspL-gspM-gspO
MU-1208	3475524	3475874	RNAP_peak+_1139	RTS_R4+_1024	3475637	pORF+_3475662	slyX
MU-1209	3476499	3476699	RNAP_peak+_1140	RTS_R4+_1025	3476465		NT
MU-1210	3479149	3481999	RNAP_peak+_1141	RTS_R4+_1026	3479280	pORF+_3479311	yheS-yheT
MU-1211	3482024	3483324	RNAP_peak+_1142	RTS_R4+_1027	3482202	pORF+_3482240;pORF+_3482512	yheU-prkB
MU-1212	3483999	3486924	RNAP_peak+_1143	RTS_R4+_1028	3483975;3483987;3483071;3484074;3484120;3484132	pORF+_3484142	crp-yhfK
MU-1213	3490574	3491749	RNAP_peak+_1144	RTS_R4+_1029	3490542		tsgA
MU-1214	3491899	3495635	RNAP_peak+_1145	RTS_R4+_1030	3491922;3492009	pORF+_3492033	nirB-nirD-nirC
MU-1215	3495735	3497185	RNAP_peak+_1146	RTS_R4+_1031	3495774;3495828	pORF+_3495850	cysG
MU-1216	3497535	3497610	RNAP_peak+_1147	RTS_R4+_1032	3497436;3497478		yhfL
MU-1217	3497932	3501974	RNAP_peak+_1148				frlA-frlB-frlC-frlD
MU-1218	3501985	3502860	RNAP_peak+_1149	RTS_R4+_1033	3502047;3502055;3502099	pORF+_3502008	frlR
MU-1219	3506512	3506687	RNAP_peak+_1150	RTS_R4+_1034			NT
MU-1220	3520887	3523412	RNAP_peak+_1151	RTS_R4+_1035	3520848	pORF+_3520869	mrcA
MU-1221	3524312	3526612	RNAP_peak+_1152	RTS_R4+_1036	3524344	pORF+_3524491	yrfF
MU-1222	3526687	3527137	RNAP_peak+_1153	RTS_R4+_1037	3526662		yrfG
MU-1223	3527162	3528787	RNAP_peak+_1154	RTS_R4+_1038	3527132	pORF+_3527370;pORF+_3527790	hslR-hslO
MU-1224	3530737	3532463	RNAP_peak+_1155	RTS_R4+_1039	3530701;3530813	pORF+_3530771	pck
MU-1225	3534488	3535313	RNAP_peak+_1156	RTS_R4+_1040	3534487;3534659;3534688		greB

MU-1226	3535363	3537813	RNAP_peak+_1157	RTS_R4+_1041	3535375;3535376	pORF+_3535407	yhgF
MU-1227	3538038	3540988	RNAP_peak+_1158	RTS_R4+_1042	3538080	pORF+_3538417	feoA-feoB-feoC
MU-1228	3541863	3542263		RTS_R4+_1043			yhgA
MU-1229	3542904	3543587	RNAP_peak+_1159		3542880		gntX
MU-1230	3543213	3544313	RNAP_peak+_1160	RTS_R4+_1044	3543480;3543618;3543630;3543655	pORF+_3543646	gntY
MU-1231	3544488	3545888	RNAP_peak+_1161	RTS_R4+_1045	3544427;3544499	pORF+_3544581	gntT
MU-1232	3550788	3553938	RNAP_peak+_1162	RTS_R4+_1046	3551046	pORF+_3551107	malT
MU-1233	3556314	3556564	RNAP_peak+_1163	RTS_R4+_1047			rtcR
MU-1234	3559964	3561939	RNAP_peak+_1164	RTS_R4+_1048	3559931;3559948;3560002;3560011	pORF+_3560021	glpD
MU-1235	3572822	3573897	RNAP_peak+_1165	RTS_R4+_1049	3572952		yhgN
MU-1236	3579172	3579697	RNAP_peak+_1166	RTS_R4+_1050	3579134		yhhY
MU-1237	3579886	3581441	RNAP_peak+_1167				yhhZ-yrHA
MU-1238	3581470	3582195	RNAP_peak+_1168	RTS_R4+_1051	3581412		insA-insB
MU-1239	3581061	3581441	RNAP_peak+_1169				yrhA
MU-1240	3582427	3582582	RNAP_peak+_1170				yrhD
MU-1241	3582670	3583070	RNAP_peak+_1171	RTS_R4+_1052	3582633		yrhB
MU-1242	3584970	3585595	RNAP_peak+_1172	RTS_R4+_1053	3584943	pORF+_3584966	yhhA
MU-1243	3590495	3590595	RNAP_peak+_1173	RTS_R4+_1054	3590459;3590461		NT
MU-1244	3595974	3596474	RNAP_peak+_1174	RTS_R4+_1055	3595981	pORF+_3596007	yhhK
MU-1245	3602374	3603249	RNAP_peak+_1175	RTS_R4+_1056	3602350;3602360	pORF+_3602416	rsmD-yhhL
MU-1246	3603749	3604399	RNAP_peak+_1176	RTS_R4+_1057	3603759		yhhN
MU-1247	3604474	3606599	RNAP_peak+_1177	RTS_R4+_1058	3604445	pORF+_3604474	zntA
MU-1248	3607174	3607774	RNAP_peak+_1178	RTS_R4+_1059	3607131;3607248		yhhQ
MU-1249	3607874	3608499	RNAP_peak+_1179	RTS_R4+_1060	3607940	pORF+_3607924	dcrB
MU-1250	3609899	3610724	RNAP_peak+_1180	RTS_R4+_1061	3609865		yhhT
MU-1251	3610799	3611724	RNAP_peak+_1181	RTS_R4+_1062	3610784;3610789;3610844	pORF+_3611690	acpT
MU-1252	3611690	3616605				pORF+_3615799	nikA-nikB-nikC-nikD-nikE
MU-1253	3616574	3616824		RTS_R4+_1063	3616560;3616569	pORF+_3615799;pORF+_3616611	nikR
MU-1254	3617224	3621674	RNAP_peak+_1182	RTS_R4+_1064	3617209		rhsB-yhhH
MU-1255	3621924	3623474	RNAP_peak+_1183	RTS_R4+_1065	3621754		yrhC-yhhI
MU-1256	3632874	3633549	RNAP_peak+_1184	RTS_R4+_1066	3632765		yhiM
MU-1257	3635549	3637324	RNAP_peak+_1185	RTS_R4+_1067	3635635;3635677	pORF+_3635665	pitA
MU-1258	3637974	3638574	RNAP_peak+_1186	RTS_R4+_1068	3638007;3638021;3638114	pORF+_3638134	uspA
MU-1259	3638899	3640324	RNAP_peak+_1187	RTS_R4+_1069	3639000		yhiP
MU-1260	3643324	3644199	RNAP_peak+_1188	RTS_R4+_1070	3643355	pORF+_3643357	yhiR
MU-1261	3644224	3645774	RNAP_peak+_1189	RTS_R4+_1071	3644298	pORF+_3644322	gor
MU-1262	3646124	3646249	RNAP_peak+_1190	RTS_R4+_1072	3646086		NT
MU-1263	3646560	3648035	RNAP_peak+_1191	RTS_R4+_1073	3646533	pORF+_3646937	arsR-arsB
MU-1264	3648135	3648810	RNAP_peak+_1192	RTS_R4+_1074	3648138;3648198	pORF+_3648260	arsC
MU-1265	3649314	3650054	RNAP_peak+_1193				yhiS
MU-1266	3651985	3652710	RNAP_peak+_1194	RTS_R4+_1075	3651959	pORF+_3651951	slp
MU-1267	3652706	3653236	RNAP_peak+_1195				dctR

MU-1268	3655010	3655585	RNAP_peak+_1196	RTS_R4+_1076	3654983;3654989;3655002;3655034		hdeD
MU-1269	3655835	3657160	RNAP_peak+_1197	RTS_R4+_1077	3655823;3656265;3656297;3656322;3656369	pORF+_3656311	gadE
MU-1270	3657185	3661460	RNAP_peak+_1198	RTS_R4+_1078	3656973;3657015;3657239	pORF+_3657255;pORF+_3658437	mdtE-mdtF
MU-1271	3662835	3662935	RNAP_peak+_1199	RTS_R4+_1079	3662887		gadY
MU-1272	3664260	3664385	RNAP_peak+_1200	RTS_R4+_1080	3664096		NT
MU-1273	3667585	3668885	RNAP_peak+_1201	RTS_R4+_1081	3667508;3667569;3667572		treF
MU-1274	3668910	3669435	RNAP_peak+_1202	RTS_R4+_1082	3668915		NT
MU-1275	3670415	3671440	RNAP_peak+_1203	RTS_R4+_1083	3670379		yhjC
MU-1276	3671465	3672390	RNAP_peak+_1204	RTS_R4+_1084	3671355		yhjD
MU-1277	3672815	3674340	RNAP_peak+_1205	RTS_R4+_1085	3672780;3672782	pORF+_3672809	yhjE
MU-1278	3677365	3678315	RNAP_peak+_1206	RTS_R4+_1086	3677415	pORF+_3677094	kdgK
MU-1279	3694466	3697866	RNAP_peak+_1207	RTS_R4+_1087	3694420;3694466	pORF+_3694481;pORF+_3696237	bcsE-bcsF-bcsG
MU-1280	3698241	3698266	RNAP_peak+_1208	RTS_R4+_1088	3698161		rdlD
MU-1281	3698491	3699141	RNAP_peak+_1209	RTS_R4+_1089	3698565		yhjV
MU-1282	3699691	3699816	RNAP_peak+_1210	RTS_R4+_1090	3699582		NT
MU-1283	3705969	3706294	RNAP_peak+_1211	RTS_R4+_1091	3705912		NT
MU-1284	3710794	3712169	RNAP_peak+_1212	RTS_R4+_1092	3710942		tag-yiaC
MU-1285	3714569	3715194	RNAP_peak+_1213	RTS_R4+_1093	3714525	pORF+_3714570	yiaD
MU-1286	3715319	3716269	RNAP_peak+_1214	RTS_R4+_1094	3715310	pORF+_3715321	ghrB
MU-1287	3717469	3717794	RNAP_peak+_1215	RTS_R4+_1095	3717454;3717461;3717466		yiaG
MU-1288	3717919	3718244	RNAP_peak+_1216	RTS_R4+_1096	3717912;3718038	pORF+_3718072	cspA
MU-1289	3718703	3720072	RNAP_peak+_1217		3718397	pORF+_3719221	insJ-insK
MU-1290	3720094	3720169	RNAP_peak+_1218	RTS_R4+_1097			sokA
MU-1291	3724369	3724869	RNAP_peak+_1219	RTS_R4+_1098	3723922		wech
MU-1292	3729154	3732924	RNAP_peak+_1220		3729092	pORF+_3729076	xyIF-xyIG-xyIH
MU-1293	3732896	3734246	RNAP_peak+_1221	RTS_R4+_1099	3732937		xyIR
MU-1294	3735101	3737326	RNAP_peak+_1222	RTS_R4+_1100	3735030;3735218		malS
MU-1295	3737726	3739276	RNAP_peak+_1223	RTS_R4+_1101	3737697	pORF+_3737623	avtA
MU-1296	3740756	3748804	RNAP_peak+_1224		3740696	pORF+_3744117;pORF+_3746600	yiaK-yiaL-yiaM-yiaN-yiaO-lyx-sgbH-sgbU-sgbE
MU-1297	3748941	3749132					ysaD
MU-1298	3749926	3750676	RNAP_peak+_1225	RTS_R4+_1102	3749991		yiaU
MU-1299	3760152	3763827	RNAP_peak+_1226	RTS_R4+_1103	3760215		rhsA
MU-1300	3764127	3764977	RNAP_peak+_1227	RTS_R4+_1104	3764190;3764321;3764326	pORF+_3764345	yibA
MU-1301	3765052	3766027	RNAP_peak+_1228	RTS_R4+_1105	3764936		yibJ
MU-1302	3766252	3767202	RNAP_peak+_1229	RTS_R4+_1106		pORF+_3766986	yibG-yibS-yibW
MU-1303	3767368	3767703	RNAP_peak+_1230		3767397		yibV
MU-1304	3767971	3768169	RNAP_peak+_1231				yibU
MU-1305	3770177	3772327	RNAP_peak+_1232	RTS_R4+_1107	3770149;3770212	pORF+_3770304	mtlA
MU-1306	3772427	3774002	RNAP_peak+_1233	RTS_R4+_1108	3772407;3772421;3772428;3772439	pORF+_3772129	mtlD-mtlR
MU-1307	3774677	3775127	RNAP_peak+_1234	RTS_R4+_1109	3774659	pORF+_3774688	yibL

MU-1308	3775377	3779127	RNAP_peak+_1235	RTS_R4+_1110	3775315	pORF+_3775395;pORF+_3777850	IldP-IldR-IldD
MU-1309	3779252	3779702	RNAP_peak+_1236	RTS_R4+_1111	3779202	pORF+_3779238	yibK
MU-1310	3783102	3784902	RNAP_peak+_1237	RTS_R4+_1112	3783229;3783250;3783255;3783260	pORF+_3783139	gpmM
MU-1311	3784952	3785877	RNAP_peak+_1238	RTS_R4+_1113	3784837;3784987;3785034	pORF+_3784837	envC
MU-1312	3785902	3787177	RNAP_peak+_1239	RTS_R4+_1114	3786063	pORF+_3786124	yibQ
MU-1313	3791802	3795002	RNAP_peak+_1240	RTS_R4+_1115	3791776;3791833;3791962;3791993	pORF+_3792010;pORF+_3792952	rfaD-rfaF-rfaC
MU-1314	3795077	3796177	RNAP_peak+_1241	RTS_R4+_1116	3794947;3795078	pORF+_3794971	rfaL
MU-1315	3806556	3807431	RNAP_peak+_1242	RTS_R4+_1117	3806539	pORF+_3806563	waaA
MU-1316	3807456	3808431	RNAP_peak+_1243	RTS_R4+_1118	3807344	pORF+_3807680	coaD
MU-1317	3810656	3811681	RNAP_peak+_1244	RTS_R4+_1119	3810724	pORF+_3810682	dfp
MU-1318	3811706	3813081	RNAP_peak+_1245	RTS_R4+_1120	3811780;3811866	pORF+_3811952;pORF+_3812475	dut-slmA
MU-1319	3814706	3815581	RNAP_peak+_1246	RTS_R4+_1121	3814671;3814680	pORF+_3814699	yicC
MU-1320	3815783	3816607	RNAP_peak+_1247		3815738		dinD
MU-1321	3816897	3817514				pORF+_3816843	yicG
MU-1322	3819431	3820106	RNAP_peak+_1248	RTS_R4+_1122	3819411;3819419;3819424	pORF+_3819394	gmk
MU-1323	3820131	3825281	RNAP_peak+_1249	RTS_R4+_1123	3819942;3819946;3820008;3820101;3820103	pORF+_3820129;pORF+_3820423;pORF+_3822538;pORF+_3823200	rpoZ-spoT-trmH-recG
MU-1324	3826956	3828331	RNAP_peak+_1250	RTS_R4+_1124	3826943;3826958	pORF+_3826959	yicE
MU-1325	3828481	3830181	RNAP_peak+_1251	RTS_R4+_1125	3828454	pORF+_3828456	yicH
MU-1326	3834206	3834356	RNAP_peak+_1252	RTS_R4+_1126	3834176		selC
MU-1327	3834448	3834579	RNAP_peak+_1253				yicT
MU-1328	3834976	3836160	RNAP_peak+_1254				setC
MU-1329	3836256	3837206	RNAP_peak+_1255	RTS_R4+_1127	3836236		yicL
MU-1330	3838031	3838531	RNAP_peak+_1256	RTS_R4+_1128	3838038		yicS
MU-1331	3842156	3843556	RNAP_peak+_1257	RTS_R4+_1129	3841958;3841961;3842137;3842154	pORF+_3841987	ade
MU-1332	3851383	3851683	RNAP_peak+_1258	RTS_R4+_1130	3851354		tisA-tisB
MU-1333	3852008	3852958	RNAP_peak+_1259	RTS_R4+_1131			emrD
MU-1334	3854458	3854683	RNAP_peak+_1260	RTS_R4+_1132	3854453		yidI
MU-1335	3856958	3857133	RNAP_peak+_1261	RTS_R4+_1133			NT
MU-1336	3858276	3859199	RNAP_peak+_1262		3858282		yidL
MU-1337	3861922	3862638			3861646		yidP
MU-1338	3865583	3866558	RNAP_peak+_1263	RTS_R4+_1134	3865466;3865740;3865744;3865754	pORF+_3865676	yidQ
MU-1339	3867400	3868464	RNAP_peak+_1264		3867376		cbrA
MU-1340	3873368	3874168	RNAP_peak+_1265	RTS_R4+_1135	3873331;3873461		yidX
MU-1341	3882121	3883046	RNAP_peak+_1266	RTS_R4+_1136	3882073;3882139;3882227;3882262;3882331	pORF+_3882359;pORF+_3882516	rpmH-rnpA-yidD
MU-1342	3883071	3884746	RNAP_peak+_1267	RTS_R4+_1137	3883077	pORF+_3883099	yidC
MU-1343	3884796	3886171	RNAP_peak+_1268	RTS_R4+_1138	3884796	pORF+_3884851	mnmE
MU-1344	3886397	3886547	RNAP_peak+_1269	RTS_R4+_1139	3886434		tnaC

MU-1345	3886753	3888168	RNAP_peak+_1270		3886568		pORF+_3886738	tnaA
MU-1346	3888259	3889506	RNAP_peak+_1271					tnaB
MU-1347	3889638	3890813						mdtL
MU-1348	3890747	3891547		RTS_R4+_1140	3890742			yidZ
MU-1349	3891822	3893372	RNAP_peak+_1272	RTS_R4+_1141	3891852;3891875		pORF+_3892675	yieE-yieF
MU-1350	3894722	3895447	RNAP_peak+_1273	RTS_R4+_1142	3894574;3894698		pORF+_3894797	yieH
MU-1351	3895622	3896622	RNAP_peak+_1274	RTS_R4+_1143	3895504;3895618			cbrB-cbrC
MU-1352	3902422	3902897	RNAP_peak+_1275	RTS_R4+_1144	3902442			NT
MU-1353	3920657	3920907	RNAP_peak+_1276	RTS_R4+_1145	3920627			NT
MU-1354	3925182	3926082	RNAP_peak+_1277	RTS_R4+_1146	3925155		pORF+_3925178	asnA
MU-1355	3929132	3931157	RNAP_peak+_1278	RTS_R4+_1147	3929239		pORF+_3929339	kup
MU-1356	3931382	3935157	RNAP_peak+_1279	RTS_R4+_1148	3931345		pORF+_3931338;pORF+_3931801;pORF+_3934295	rbsD-rbsA-rbsC-rbsB
MU-1357	3935182	3936057	RNAP_peak+_1280	RTS_R4+_1149	3935178;3935192		pORF+_3935290	rbsK
MU-1358	3936082	3937107	RNAP_peak+_1281	RTS_R4+_1150	3936225		pORF+_3936250	rbsR
MU-1359	3939482	3944885	RNAP_peak+_1282	RTS_R4+_1151	3939656;3939830			rrsC-gltU-rrlC-rrfC
MU-1360	3944910	3944963	RNAP_peak+_1283	RTS_R4+_1152				aspT
MU-1361	3944988	3945038	RNAP_peak+_1284	RTS_R4+_1153				trpT
MU-1362	3946088	3946438	RNAP_peak+_1285	RTS_R4+_1154	3946073;3946081;3946093		pORF+_3946109	yifE
MU-1363	3946488	3946713	RNAP_peak+_1286	RTS_R4+_1155	3946474			NT
MU-1364	3948288	3954886	RNAP_peak+_1287	RTS_R4+_1156	3948313;3948461		pORF+_3948583;pORF+_3949646;pORF+_3950441;pORF+_3951501;pORF+_3953354	ilvL-ilvG-ilvM-ilvE-ilvD-ilvA
MU-1365	3955961	3957686	RNAP_peak+_1288	RTS_R4+_1157	3955939;3955960;3955969;3955977;3955987		pORF+_3955858	ilvC
MU-1366	3958686	3960711	RNAP_peak+_1289	RTS_R4+_1158	3958673		pORF+_3958649	rep
MU-1367	3963411	3963686	RNAP_peak+_1290	RTS_R4+_1159	3963396			NT
MU-1368	3963711	3964236	RNAP_peak+_1291	RTS_R4+_1160	3963673;3963683;3963702;3963714;3963763		pORF+_3963679	trxA
MU-1369	3964261	3965636	RNAP_peak+_1292	RTS_R4+_1161	3964185;3964218;3964227;3964270		pORF+_3964368	rho
MU-1370	3965786	3966962	RNAP_peak+_1293	RTS_R4+_1162	3965913;3965919			rfe
MU-1371	3966987	3968262	RNAP_peak+_1294	RTS_R4+_1163	3966885;3966887;3967150;3967199		pORF+_3967051	wzzE
MU-1372	3968312	3978637	RNAP_peak+_1295	RTS_R4+_1164	3968173;3968253		pORF+_3968114;pORF+_3969283;pORF+_3970545;pORF+_3971631;pORF+_3973169;pORF+_3974301;pORF+_3975548;pORF+_3976624;pORF+_3977979	rffE-rffD-rffG-rffH-rffC-rffA-wzxE-rffT-wzyE-rffM
MU-1373	3978862	3980312	RNAP_peak+_1296	RTS_R4+_1165	3978846			yifK
MU-1374	3980337	3980837	RNAP_peak+_1297	RTS_R4+_1166	3980385;3980398			argX-hisR-leuT-proM
MU-1375	3980981	3982216	RNAP_peak+_1298		3980943			aslB
MU-1376	3984387	3984612	RNAP_peak+_1299	RTS_R4+_1167	3984454			glmZ
MU-1377	3988812	3988912	RNAP_peak+_1300	RTS_R4+_1168	3988860;3988889			NT

MU-1378	3988987	3991765	RNAP_peak+_1301	RTS_R4+_1169	3988975;3989022;3989081;3989090	pORF+_3989176	cyaA
MU-1379	3992490	3995915	RNAP_peak+_1302	RTS_R4+_1170	3992514;3992528	pORF+_3992545;pORF+_3992782;pORF+_3993606;pORF+_3994310;pORF+_3995206	yifL-dapF-yigA-xerC-yigB
MU-1380	3995965	3998240	RNAP_peak+_1303	RTS_R4+_1171	3995930	pORF+_3995817	uvrD
MU-1381	3999090	4000390	RNAP_peak+_1304	RTS_R4+_1172	3999215;3999221;3999296;3999326	pORF+_3999434	corA
MU-1382	4002865	4003790	RNAP_peak+_1305	RTS_R4+_1173	4002838;4002852	pORF+_4002885	pldA
MU-1383	4003890	4006465	RNAP_peak+_1306	RTS_R4+_1174	4003859;4003866	pORF+_4003881	recQ-rhtC
MU-1384	4007115	4008965	RNAP_peak+_1307	RTS_R4+_1175	4007163	pORF+_4007193;pORF+_4008097	pldB-yigL
MU-1385	4009115	4009790	RNAP_peak+_1308	RTS_R4+_1176	4008982		yigM
MU-1386	4010915	4013515	RNAP_peak+_1309	RTS_R4+_1177	4010909;4010915;4010921;4010925;4010930;4010939;4010946;4010954;4011033;4011040;4011050;4011057	pORF+_4011076	metE
MU-1387	4014040	4016465	RNAP_peak+_1310	RTS_R4+_1178	4014410;4014418;4014427	pORF+_4014448;pORF+_4015356	udp-rmuC
MU-1388	4016590	4019940	RNAP_peak+_1311	RTS_R4+_1179	4016743	pORF+_4016878;pORF+_4017602;pORF+_4018249	ubiE-yigP-ubiB
MU-1389	4019965	4022440	RNAP_peak+_1312	RTS_R4+_1180	4019890;4019932;4019999	pORF+_4019926;pORF+_4020241	tatA-tatB-tatC-tatD
MU-1390	4022865	4025690	RNAP_peak+_1313	RTS_R4+_1181	4022835;4022995	pORF+_4023011;pORF+_4024517	ubiD-fre
MU-1391	4029117	4031117	RNAP_peak+_1314	RTS_R4+_1182	4029153;4029161	pORF+_4029184	pepQ-yigZ
MU-1392	4031142	4033192	RNAP_peak+_1315	RTS_R4+_1183	4031257;4031295	pORF+_4031168;pORF+_4032631	trkH-hemG
MU-1393	4033217	4038670	RNAP_peak+_1316	RTS_R4+_1184	4033095		rrsA-ileT-alaT-rrlA-rrfA
MU-1394	4040095	4040420	RNAP_peak+_1317	RTS_R4+_1185	4040070	pORF+_4040062	yihD
MU-1395	4040445	4041350	RNAP_peak+_1318	RTS_R4+_1186	4040414	pORF+_4040438	rdoA
MU-1396	4041375	4042050	RNAP_peak+_1319	RTS_R4+_1187	4041400;4041406	pORF+_4041441	dsbA
MU-1397	4042222	4043652	RNAP_peak+_1320				yihF
MU-1398	4044881	4047756	RNAP_peak+_1321	RTS_R4+_1188	4044962	pORF+_4044989	polA
MU-1399	4047806	4048031	RNAP_peak+_1322	RTS_R4+_1189	4047922		spf
MU-1400	4049006	4049256	RNAP_peak+_1323	RTS_R4+_1190	4049059		csrC
MU-1401	4049356	4051656	RNAP_peak+_1324	RTS_R4+_1191	4049330	pORF+_4049307;pORF+_4050062	yihI-hemN
MU-1402	4056306	4058231	RNAP_peak+_1325	RTS_R4+_1192	4056196;4056241;4056270;4056298;4056405	pORF+_4056430	typA
MU-1403	4058470	4060168			4058442		yihL-yihM
MU-1404	4059188	4060168	RNAP_peak+_1326		4059011	pORF+_4059188	yihM
MU-1405	4060270	4061535	RNAP_peak+_1327				yihN
MU-1406	4071783	4073883		RTS_R4+_1193	4071765	pORF+_4072668;pORF+_4073555	yihV-yihW

MU-1407	4073908	4076458	RNAP_peak+_1328	RTS_R4+_1194	4073552		pORF+_4075038;pORF+_4075472	yihX-yihY-dtd-yiiD
MU-1408	4077320	4077532	RNAP_peak+_1329					yiiE
MU-1409	4077774	4077992	RNAP_peak+_1330		4077718			yiiF
MU-1410	4084008	4084808	RNAP_peak+_1331	RTS_R4+_1195	4083961		pORF+_4084039	fdhD
MU-1411	4085025	4086080	RNAP_peak+_1332					yiiG
MU-1412	4095759	4097517			4095703;4095774			rhaS-rhaR
MU-1413	4098795	4100670	RNAP_peak+_1333	RTS_R4+_1196	4098782;4098787;4098818;4098831		pORF+_4098827	sodA-kdgT
MU-1414	4100845	4101595	RNAP_peak+_1334	RTS_R4+_1197	4100809;4100821;4100823		pORF+_4100815	yiiM
MU-1415	4103820	4104370	RNAP_peak+_1335	RTS_R4+_1198	4103808		pORF+_4103840	cpxP
MU-1416	4104495	4105420	RNAP_peak+_1336	RTS_R4+_1199	4104313;4104353;4104472		pORF+_4104474	fieF
MU-1417	4105445	4106695	RNAP_peak+_1337	RTS_R4+_1200	4105495;4105542;4105548;4105554;4105562		pORF+_4105479	pfkA
MU-1418	4106820	4107820	RNAP_peak+_1338	RTS_R4+_1201	4106828		pORF+_4106857	sbp
MU-1419	4107998	4108648	RNAP_peak+_1339	RTS_R4+_1202			pORF+_4107761	cdh
MU-1420	4110098	4110748	RNAP_peak+_1340	RTS_R4+_1203	4110278			yiiR
MU-1421	4110873	4111773	RNAP_peak+_1341	RTS_R4+_1204	4110750;4110954		pORF+_4110990;pORF+_4111316	yiiS-uspD
MU-1422	4116373	4116973	RNAP_peak+_1342	RTS_R4+_1205	4116450;4116458;4116467;4116471;4116502;4116519;4116526		pORF+_4116520	yiiU
MU-1423	4120423	4120548	RNAP_peak+_1343	RTS_R4+_1206	4120392			NT
MU-1424	4124898	4125248	RNAP_peak+_1344	RTS_R4+_1207	4124936;4124969;4124975		pORF+_4125036	rpmE
MU-1425	4126673	4130348	RNAP_peak+_1345	RTS_R4+_1208	4126658		pORF+_4126518;pORF+_4127858	metB-metL
MU-1426	4130598	4131723	RNAP_peak+_1346	RTS_R4+_1209	4130573;4130610		pORF+_4130639	metF
MU-1427	4131773	4134373	RNAP_peak+_1347	RTS_R4+_1210	4131813;4131817;4131823;4131834		pORF+_4131819	katG
MU-1428	4134131	4135036	RNAP_peak+_1348					yijE
MU-1429	4140553	4145502						frwC-frwB-pflD-pflC-frwD
MU-1430	4148473	4149398	RNAP_peak+_1349	RTS_R4+_1211	4148383			NT
MU-1431	4151198	4151773	RNAP_peak+_1350	RTS_R4+_1212	4151359			NT
MU-1432	4152948	4156423	RNAP_peak+_1351	RTS_R4+_1213	4152908;4153001		pORF+_4153024;pORF+_4154003;pORF+_4154873	argC-argB-argH
MU-1433	4156498	4157323	RNAP_peak+_1352	RTS_R4+_1214	4156479;4156517		pORF+_4156483	oxyR
MU-1434	4159110	4160385	RNAP_peak+_1353	RTS_R4+_1215	4159102;4159117		pORF+_4159051	fabR-yijD
MU-1435	4161435	4163285	RNAP_peak+_1354	RTS_R4+_1216	4161428		pORF+_4161617	btuB
MU-1436	4163360	4164385	RNAP_peak+_1355	RTS_R4+_1217	4163423		pORF+_4163439	murI
MU-1437	4164410	4169785	RNAP_peak+_1356	RTS_R4+_1218	4164242			rrsB-gltT-rrlB-rrfB
MU-1438	4169960	4172035	RNAP_peak+_1357	RTS_R4+_1219	4170057		pORF+_4170080;pORF+_4171105	murB-birA
MU-1439	4173285	4175260	RNAP_peak+_1358	RTS_R4+_1220	4173311;4173411		pORF+_4173967	thrU-tyrU-glyT-thrT-tufB
MU-1440	4175285	4176335	RNAP_peak+_1359	RTS_R4+_1221	4175236;4175269;4175319		pORF+_4175381;pORF+_4175766	secE-nusG

MU-1441	4176360	4177535	RNAP_peak+_1360	RTS_R4+_1222	4176380;4176412	pORF+_4176470;pORF+_4176902	rplK-rplA
MU-1442	4177560	4178985	RNAP_peak+_1361	RTS_R4+_1223	4177606;4177645;4177802;4177842;4177902;4177941	pORF+_4178019;pORF+_4178583	rplJ-rplL
MU-1443	4179035	4187589	RNAP_peak+_1362	RTS_R4+_1224	4179085;4179145;4179160;4179201	pORF+_4179235;pORF+_4183373	rpoB-rpoC
MU-1444	4187809	4188348	RNAP_peak+_1363		4187644		yjaZ
MU-1445	4194749	4195549	RNAP_peak+_1364	RTS_R4+_1225	4194721;4194727	pORF+_4194926	nudC
MU-1446	4195574	4196874	RNAP_peak+_1365	RTS_R4+_1226	4195715;4195747	pORF+_4195739	hemE
MU-1447	4196924	4197524	RNAP_peak+_1366	RTS_R4+_1227	4196733	pORF+_4196807	nfi
MU-1448	4197549	4198124	RNAP_peak+_1367	RTS_R4+_1228	4197503	pORF+_4197527	yjaG
MU-1449	4198149	4199324	RNAP_peak+_1368	RTS_R4+_1229	4198163;4198199	pORF+_4198304	hupA-yjaH
MU-1450	4199949	4201099		RTS_R4+_1230	4199842		zraS
MU-1451	4201274	4202599	RNAP_peak+_1369	RTS_R4+_1231	4201161;4201236		zraR
MU-1452	4205800	4211177	RNAP_peak+_1370	RTS_R4+_1232	4205995		rrsE-gltV-rrlE-rrfE
MU-1453	4211257	4211640	RNAP_peak+_1371			pORF+_4211221	yjaA
MU-1454	4212227	4213252	RNAP_peak+_1372	RTS_R4+_1233	4212258;4212274	pORF+_4212303	metA
MU-1455	4213452	4216527	RNAP_peak+_1373	RTS_R4+_1234	4213427;4213455	pORF+_4213483;pORF+_4215117	aceB-aceA
MU-1456	4216552	4218602	RNAP_peak+_1374	RTS_R4+_1235	4216684;4216688	pORF+_4216619	aceK
MU-1457	4221832	4225507	RNAP_peak+_1375	RTS_R4+_1236	4221807;4221810	pORF+_4221830	methH
MU-1458	4225657	4227382	RNAP_peak+_1376	RTS_R4+_1237	4225603;4225625	pORF+_4225754	yjbB
MU-1459	4228382	4229283	RNAP_peak+_1377	RTS_R4+_1238	4228359	pORF+_4228377	rluF
MU-1460	4231608	4233558	RNAP_peak+_1378	RTS_R4+_1239	4231740;4231744;4231747;4231755;4231763	pORF+_4231775	pgi
MU-1461	4234033	4237583	RNAP_peak+_1379	RTS_R4+_1240	4233961		yjbE-yjbF-yjbG-yjbH
MU-1462	4238333	4239233	RNAP_peak+_1380	RTS_R4+_1241	4238446		psiE
MU-1463	4244834	4248459	RNAP_peak+_1381	RTS_R4+_1242	4245009	pORF+_4244717;pORF+_4245994;pORF+_4247568	malK-lamB-malM
MU-1464	4248726	4250306	RNAP_peak+_1382		4248736		yjbI
MU-1465	4250434	4251959	RNAP_peak+_1383	RTS_R4+_1243	4250505	pORF+_4250418	ubiC-ubiA
MU-1466	4254492	4255092	RNAP_peak+_1384	RTS_R4+_1244	4254480;4254510	pORF+_4254660	dgkA
MU-1467	4255142	4255667	RNAP_peak+_1385	RTS_R4+_1245	4255110	pORF+_4255138	lexA
MU-1468	4256117	4257117		RTS_R4+_1246			dinF
MU-1469	4257242	4257442	RNAP_peak+_1386	RTS_R4+_1247	4257202	pORF+_4257254	yjbJ
MU-1470	4258344	4259329	RNAP_peak+_1387		4258190		yjbL-yjbM
MU-1471	4259567	4261117	RNAP_peak+_1388	RTS_R4+_1248	4259493;4259617	pORF+_4259686	dusA-ppspG
MU-1472	4262342	4264792	RNAP_peak+_1389	RTS_R4+_1249	4262309	pORF+_4262337;pORF+_4263805	dnaB-alr
MU-1473	4265117	4266317		RTS_R4+_1250	4265105	pORF+_4265095	tyrB
MU-1474	4267417	4267942	RNAP_peak+_1390	RTS_R4+_1251	4267378	pORF+_4267197	aphA
MU-1475	4268267	4269367	RNAP_peak+_1391	RTS_R4+_1252	4268237;4268243	pORF+_4268261;pORF+_4268681	yjbQ-yjbR
MU-1476	4272067	4272967	RNAP_peak+_1392	RTS_R4+_1253	4272113;4272121;4272127	pORF+_4272085	ssb
MU-1477	4273442	4275092	RNAP_peak+_1393	RTS_R4+_1254	4273426		yjcC
MU-1478	4275492	4275942	RNAP_peak+_1394	RTS_R4+_1255	4275329;4275468		soxR

MU-1479	4276367	4277842	RNAP_peak+_1395	RTS_R4+_1256	4276331;4276341	pORF+_4276502	yjcD
MU-1480	4277967	4279592	RNAP_peak+_1396	RTS_R4+_1257	4277939	pORF+_4278003	yjcE
MU-1481	4285787	4292162	RNAP_peak+_1397		4285433;4285560	pORF+_4285754;pORF+_4289511	nrfA-nrfB-nrfC-nrfD-nrfE-nrfF-nrfG
MU-1482	4292418	4294443	RNAP_peak+_1398	RTS_R4+_1258	4292398;4292518	pORF+_4292504	gltP
MU-1483	4304943	4305168	RNAP_peak+_1399	RTS_R4+_1259	4304901		NT
MU-1484	4311369	4311819	RNAP_peak+_1400	RTS_R4+_1260	4311281;4311290;4311337		rpiB
MU-1485	4311894	4312394	RNAP_peak+_1401	RTS_R4+_1261	4311869		yjdP
MU-1486	4325269	4326844	RNAP_peak+_1402	RTS_R4+_1262	4325082;4325135		yjdA
MU-1487	4327194	4327544	RNAP_peak+_1403	RTS_R4+_1263	4327165	pORF+_4327383	yjcZ
MU-1488	4328369	4330319	RNAP_peak+_1404	RTS_R4+_1264	4328343;4328375;4328415;4328430	pORF+_4328492	proP
MU-1489	4339944	4342944	RNAP_peak+_1405	RTS_R4+_1265	4339847;4339910	pORF+_4339934	melA-melB
MU-1490	4349848	4350473	RNAP_peak+_1406	RTS_R4+_1266	4349836	pORF+_4349866	yjdI-yjdJ
MU-1491	4350607	4351104	RNAP_peak+_1407				yjdK-yjdO
MU-1492	4359499	4359674		RTS_R4+_1267	4359542		NT
MU-1493	4366174	4366349	RNAP_peak+_1408	RTS_R4+_1268	4366136		NT
MU-1494	4366649	4367524	RNAP_peak+_1409	RTS_R4+_1269	4366642		fxsA
MU-1495	4368599	4368974	RNAP_peak+_1410	RTS_R4+_1270	4368639;4368675	pORF+_4368711	groS
MU-1496	4368999	4370724	RNAP_peak+_1411	RTS_R4+_1271	4368639;4368675;4368682;43686715;4368920;4368932;4368981;4368990	pORF+_4369048	groL
MU-1497	4370774	4371574	RNAP_peak+_1412	RTS_R4+_1272	4370784	pORF+_4370799	yjeI
MU-1498	4373624	4374299	RNAP_peak+_1413	RTS_R4+_1273	4373678	pORF+_4373722	efp
MU-1499	4374349	4374474	RNAP_peak+_1414	RTS_R4+_1274		pORF+_4374340	ecnA
MU-1500	4374549	4374774	RNAP_peak+_1415	RTS_R4+_1275	4374533	pORF+_4374576	ecnB
MU-1501	4374799	4375249	RNAP_peak+_1416	RTS_R4+_1276	4374822		sugE
MU-1502	4380549	4381599	RNAP_peak+_1417	RTS_R4+_1277	4380464;4380642	pORF+_4380621	poxA
MU-1503	4381862	4384041	RNAP_peak+_1418				yjeM-yjeN-yjeO
MU-1504	4389625	4390276	RNAP_peak+_1419	RTS_R4+_1278	4389584;4389592;4389598	pORF+_4389483	orn
MU-1505	4390302	4390727	RNAP_peak+_1420	RTS_R4+_1279	4390242		glyV-glyX-glyY
MU-1506	4391727	4393277	RNAP_peak+_1421	RTS_R4+_1280	4391699;4391960;4392051	pORF+_4392068	yjeF
MU-1507	4393302	4395102	RNAP_peak+_1422	RTS_R4+_1281	4393183	pORF+_4393608;pORF+_4394073	yjeE-amiB
MU-1508	4395127	4397377	RNAP_peak+_1423	RTS_R4+_1282	4395239	pORF+_4395432	mutL
MU-1509	4397402	4398233	RNAP_peak+_1424	RTS_R4+_1283	4396973;4397075;4397246;4397315;4397421	pORF+_4397275	miaA
MU-1510	4398258	4402308	RNAP_peak+_1425	RTS_R4+_1284	4398256;4398275	pORF+_4398311;pORF+_4398695;pORF+_4400061;pORF+_4401323	hfq-hflX-hflK-hflC
MU-1511	4402533	4402608	RNAP_peak+_1426	RTS_R4+_1285	4402337;4402348		yjeT
MU-1512	4402708	4404008	RNAP_peak+_1427	RTS_R4+_1286	4402683;4402688	pORF+_4402710	purA
MU-1513	4404058	4404133	RNAP_peak+_1428	RTS_R4+_1287	4403905;4403916		NT
MU-1514	4404183	4407233	RNAP_peak+_1429	RTS_R4+_1288	4404175	pORF+_4404213;pORF+_4404635	nsrR-rnr
MU-1515	4407258	4407933	RNAP_peak+_1430	RTS_R4+_1289	4407240;4407246	pORF+_4407298	rlmB

MU-1516	4408156	4409274	RNAP_peak+_1431		4407962		yjfI-yjfJ
MU-1517	4409325	4412214	RNAP_peak+_1432		4409333	pORF+_4411036	yjfK-yjfL-yjfM-yjfC
MU-1518	4412295	4413970	RNAP_peak+_1433	RTS_R4+_1290	4412272	pORF+_4412280	aidB
MU-1519	4414995	4415645	RNAP_peak+_1434	RTS_R4+_1291	4414959	pORF+_4414975	yjfP
MU-1520	4418003	4422409				pORF+_4420011	ulaA-ulaB-ulaC-ulaD-ulaE-ulaF
MU-1521	4422920	4424570	RNAP_peak+_1435	RTS_R4+_1292	4423048;4423050	pORF+_4423141;pORF+_4423862;pORF+_4424131	rpsF-priB-rpsR-rplI
MU-1522	4425145	4425170	RNAP_peak+_1436	RTS_R4+_1293	4424995		NT
MU-1523	4425717	4426118	RNAP_peak+_1437				ytfA
MU-1524	4426870	4427570	RNAP_peak+_1438	RTS_R4+_1294	4426887;4426894;4426931	pORF+_4426799	fkIB
MU-1525	4427795	4428945	RNAP_peak+_1439	RTS_R4+_1295	4427835	pORF+_4427887	cycA
MU-1526	4428970	4429870	RNAP_peak+_1440	RTS_R4+_1296	4428853;4429034;4429105		NT
MU-1527	4432145	4432845	RNAP_peak+_1441	RTS_R4+_1297	4432106		ytfH
MU-1528	4434620	4435570	RNAP_peak+_1442	RTS_R4+_1298	4434587;4434590;4434600	pORF+_4434778	cysQ
MU-1529	4435730	4436668	RNAP_peak+_1443				ytfI
MU-1530	4437170	4437470	RNAP_peak+_1444	RTS_R4+_1299	4437157		NT
MU-1531	4437496	4438096	RNAP_peak+_1445	RTS_R4+_1300	4437534;4437536;4437667		ytfK
MU-1532	4440222	4446247	RNAP_peak+_1446	RTS_R4+_1301	4440245;4440274;4440298;4440313	pORF+_4440405;pORF+_4442135;pORF+_4445917	ytfM-ytfN-ytfP
MU-1533	4446472	4447197	RNAP_peak+_1447	RTS_R4+_1302	4446453		chpS-chpB
MU-1534	4447947	4452772	RNAP_peak+_1448	RTS_R4+_1303	4447938;4447946	pORF+_4447985;pORF+_4449081	ytfQ-ytfR-ytfT-yjfF
MU-1535	4453797	4455297	RNAP_peak+_1449	RTS_R4+_1304	4453785	pORF+_4453808	mpl
MU-1536	4455997	4457372	RNAP_peak+_1450	RTS_R4+_1305	4455967	pORF+_4455982	pmbA
MU-1537	4457397	4457847	RNAP_peak+_1451	RTS_R4+_1306	4457596		cybC
MU-1538	4465406	4467460	RNAP_peak+_1452	RTS_R4+_1307	4465385;4465514;4465552	pORF+_4465648	mgtaA
MU-1539	4467510	4468660	RNAP_peak+_1453	RTS_R4+_1308	4467531		NT
MU-1540	4472160	4472785	RNAP_peak+_1454	RTS_R4+_1309	4472119;4472123	pORF+_4472147	yjgJ
MU-1541	4472885	4473360	RNAP_peak+_1455	RTS_R4+_1310	4472852	pORF+_4472876	yjgK
MU-1542	4473460	4475274	RNAP_peak+_1456		4473418		yjgL
MU-1543	4475235	4475410	RNAP_peak+_1457	RTS_R4+_1311	4475183		NT
MU-1544	4476435	4477010	RNAP_peak+_1458	RTS_R4+_1312	4476468	pORF+_4476496	rraB
MU-1545	4477753	4478949	RNAP_peak+_1459				yjgN
MU-1546	4484013	4486338	RNAP_peak+_1460	RTS_R4+_1313	4484153	pORF+_4484241;pORF+_4485338	yjgP-yjgQ
MU-1547	4492763	4493163	RNAP_peak+_1461	RTS_R4+_1314	4492620		idnK
MU-1548	4494438	4494513	RNAP_peak+_1462	RTS_R4+_1315	4494428		leuX
MU-1549	4494563	4495888	RNAP_peak+_1463	RTS_R4+_1316	4494472	pORF+_4494773	intB
MU-1550	4496038	4498088	RNAP_peak+_1464	RTS_R4+_1317	4496128		insC-insD
MU-1551	4499283	4499612	RNAP_peak+_1465				yjgZ
MU-1552	4502438	4504163	RNAP_peak+_1466	RTS_R4+_1318	4501862;4501907	pORF+_4503295	yjhB-yjhC-ythA
MU-1553	4504988	4505388	RNAP_peak+_1467	RTS_R4+_1319			yjhE-insO
MU-1554	4505538	4506163	RNAP_peak+_1468	RTS_R4+_1320	4505417		NT
MU-1555	4507063	4507888	RNAP_peak+_1469	RTS_R4+_1321	4506976		insO-yjhV
MU-1556	4516395	4517295	RNAP_peak+_1470	RTS_R4+_1322	4516534		insA-insB
MU-1557	4518845	4519845	RNAP_peak+_1471	RTS_R4+_1323	4518966		NT

MU-1558	4524020	4524345	RNAP_peak+_1472	RTS_R4+_1324	4524136		NT
MU-1559	4526020	4526445	RNAP_peak+_1473	RTS_R4+_1325	4525999		ryjB
MU-1560	4532145	4533145	RNAP_peak+_1474	RTS_R4+_1326	4532242		NT
MU-1561	4532814	4534054	RNAP_peak+_1475				yjhR
MU-1562	4534470	4534670	RNAP_peak+_1476	RTS_R4+_1327	4534426		NT
MU-1563	4538745	4539520	RNAP_peak+_1477	RTS_R4+_1328	4538709	pORF+_4538950	fimB
MU-1564	4539995	4540545	RNAP_peak+_1478	RTS_R4+_1329	4540073		fimE
MU-1565	4541046	4542496	RNAP_peak+_1479	RTS_R4+_1330	4541107	pORF+_4541138	fimA-fimI
MU-1566	4542546	4543946	RNAP_peak+_1480	RTS_R4+_1331	4542527	pORF+_4542327	fimC
MU-1567	4544046	4546871	RNAP_peak+_1481	RTS_R4+_1332	4544032;4544203		fimD-fimF-fimG
MU-1568	4546971	4547721	RNAP_peak+_1482	RTS_R4+_1333	4546952	pORF+_4546822	fimH
MU-1569	4548821	4548946		RTS_R4+_1334	4548770		NT
MU-1570	4549471	4552371		RTS_R4+_1335	4549544	pORF+_4549623;pORF+_4550924	uxuA-uxuB
MU-1571	4552521	4553346	RNAP_peak+_1483	RTS_R4+_1336	4552503;4552566	pORF+_4552599	uxuR
MU-1572	4554621	4555371	RNAP_peak+_1484	RTS_R4+_1337	4554785		yjiD
MU-1573	4558872	4559522		RTS_R4+_1338			kptA
MU-1574	4561397	4561723	RNAP_peak+_1485	RTS_R4+_1339	4561417		NT
MU-1575	4567021	4567941	RNAP_peak+_1486				yjiP
MU-1576	4567681	4568231	RNAP_peak+_1487	RTS_R4+_1340	4567522;4567539;4567626;4567630		NT
MU-1577	4569756	4569856	RNAP_peak+_1488	RTS_R4+_1341			yjiS
MU-1578	4570219	4574994	RNAP_peak+_1489	RTS_R4+_1342	4570182;4570222;4570371;4570385;4570406		yjiT-yjiV
MU-1579	4576569	4576694	RNAP_peak+_1490	RTS_R4+_1343	4576539		NT
MU-1580	4577895	4578045	RNAP_peak+_1491	RTS_R4+_1344	4577858		symR
MU-1581	4584974	4585949	RNAP_peak+_1492	RTS_R4+_1345	4584938;4584955	pORF+_4584972	mrr
MU-1582	4589749	4591149	RNAP_peak+_1493	RTS_R4+_1346	4589656	pORF+_4589680	tsr
MU-1583	4594049	4594924		RTS_R4+_1347	4594170		yjjN
MU-1584	4601500	4602860	RNAP_peak+_1494				yjjQ-bglJ
MU-1585	4603749	4604849	RNAP_peak+_1495	RTS_R4+_1348	4603800		yjjZ
MU-1586	4605824	4609024	RNAP_peak+_1496	RTS_R4+_1349	4605804	pORF+_4605826;pORF+_4606208;pORF+_4606669;pORF+_4607410	holD-rimI-yjjG-prfC
MU-1587	4609174	4610374	RNAP_peak+_1497	RTS_R4+_1350	4609175;4609257;4609269;4609356;4609391	pORF+_4609341	osmY-ytjA
MU-1588	4610424	4612649	RNAP_peak+_1498	RTS_R4+_1351	4610406	pORF+_4611504	yjjU-yjjV
MU-1589	4614224	4615274	RNAP_peak+_1499	RTS_R4+_1352	4614203		NT
MU-1590	4615324	4617449	RNAP_peak+_1500	RTS_R4+_1353	4615133;4615243;4615251;4615300;4615316	pORF+_4615322;pORF+_4616252	deoC-deoA
MU-1591	4617474	4619599	RNAP_peak+_1501	RTS_R4+_1354	4617590;4617600	pORF+_4617626;pORF+_4618849	deoB-deoD
MU-1592	4619799	4620949	RNAP_peak+_1502	RTS_R4+_1355	4619764		yjjJ
MU-1593	4622799	4625224	RNAP_peak+_1503	RTS_R4+_1356	4622879	pORF+_4622780;pORF+_4623887	serB-radA
MU-1594	4625249	4626849	RNAP_peak+_1504	RTS_R4+_1357	4625326	pORF+_4625317	nadR

MU-1595	4628724	4630699	RNAP_peak_+_1505	RTS_R4_+_1358	4628705;4628733	pORF_+_4628726	slt
MU-1596	4630749	4631274	RNAP_peak_+_1506	RTS_R4_+_1359	4630721;4630727	pORF_+_4630783	trpR
MU-1597	4631724	4632474	RNAP_peak_+_1507	RTS_R4_+_1360	4631778;4631788	pORF_+_4631820	ytjC
MU-1598	4633299	4635724	RNAP_peak_+_1508	RTS_R4_+_1361	4633345;4633366;4633418	pORF_+_4633544;pORF_+_4634030;pORF_+_4634719	creA-creB-creC
MU-1599	4636324	4637449	RNAP_peak_+_1509	RTS_R4_+_1362	4636134		creD
MU-1600	4638493	4638543	RNAP_peak_+_1510	RTS_R4_+_1363			yjjY
MU-1601	4638743	4639618	RNAP_peak_+_1511	RTS_R4_+_1364	4638666	pORF_+_4638944	yjtD
MU-1602	5450	6450	RNAP_peak_-_1	RTS_R4_-_1	6482	pORF_-_5683	yaaA
MU-1603	6800	8175	RNAP_peak_-_2	RTS_R4_-_2	8053		yaaJ
MU-1604	9975	10475	RNAP_peak_-_3	RTS_R4_-_3	10430		yaaH
MU-1605	10826	11226	RNAP_peak_-_4	RTS_R4_-_4			yaaW-yaaI
MU-1606	16201	17176	RNAP_peak_-_5	RTS_R4_-_5	17146		hokC-mokC
MU-1607	19826	20651	RNAP_peak_-_6	RTS_R4_-_6	20599		insB-insA
MU-1608	20801	21201	RNAP_peak_-_7	RTS_R4_-_7	21112;21118;21159;21207	pORF_-_20815	rpsT
MU-1609	34759	36409	RNAP_peak_-_8	RTS_R4_-_8	36281;36358;36430;36489		caiE-caiD
MU-1610	36459	37684	RNAP_peak_-_9	RTS_R4_-_9	37942		caiC
MU-1611	38034	39909	RNAP_peak_-_10	RTS_R4_-_10	39918		caiB
MU-1612	39244	41931	RNAP_peak_-_11				caiA-caiT
MU-1613	50384	52034	RNAP_peak_-_12	RTS_R4_-_11	52034;52077;52084	pORF_-_50380	apaH-apaG
MU-1614	52059	52659	RNAP_peak_-_13	RTS_R4_-_12	52595;52654	pORF_-_51609	ksgA
MU-1615	52684	55284	RNAP_peak_-_14	RTS_R4_-_13	55387	pORF_-_52427;pORF_-_53416	pdxA-surA
MU-1616	55309	57384	RNAP_peak_-_15	RTS_R4_-_14	57156;57241;57253	pORF_-_54755	imp
MU-1617	59659	63559	RNAP_peak_-_16	RTS_R4_-_15	63357;63468;63531;63588	pORF_-_59687;pORF_-_60358	rhuA-hepA
MU-1618	63734	65784	RNAP_peak_-_17	RTS_R4_-_16	65803		polB
MU-1619	66409	70034	RNAP_peak_-_18	RTS_R4_-_17	70077	pORF_-_65855;pORF_-_66835;pORF_-_68348	araD-araA-araB
MU-1620	72084	75859	RNAP_peak_-_19	RTS_R4_-_18	75664	pORF_-_72229;pORF_-_72911;pORF_-_74497	thiQ-thiP-tbpA-sroA
MU-1621	75934	77359	RNAP_peak_-_20	RTS_R4_-_19	77336	pORF_-_75644	sgrR
MU-1622	78734	83759	RNAP_peak_-_21	RTS_R4_-_20	83728;83735	pORF_-_78848;pORF_-_79464;pORF_-_80867;pORF_-_81958	leuD-leuC-leuB-leuA-leuL
MU-1623	111359	112759	RNAP_peak_-_22	RTS_R4_-_21	112699;112703;112757	pORF_-_111649;pORF_-_111856	yacG-yacF
MU-1624	112809	113284	RNAP_peak_-_23	RTS_R4_-_22	113322	pORF_-_112599	coaE
MU-1625	114459	117009	RNAP_peak_-_24	RTS_R4_-_23	117052		hofC-hofB
MU-1626	117109	117549					ppdD
MU-1627	117784	118659	RNAP_peak_-_25	RTS_R4_-_24	118679	pORF_-_117752	nadC
MU-1628	120034	121759	RNAP_peak_-_26	RTS_R4_-_25	121647;121676	pORF_-_120178	aroP
MU-1629	122697	122857					tp2
MU-1630	129407	131260	RNAP_peak_-_27				yacH
MU-1631	134796	136546	RNAP_peak_-_28	RTS_R4_-_26	136550	pORF_-_134788;pORF_-_135598	speD-speE
MU-1632	136596	136946	RNAP_peak_-_29	RTS_R4_-_27	136939;136942	pORF_-_136570	yacC
MU-1633	138696	141221	RNAP_peak_-_30	RTS_R4_-_28	141254;141263	pORF_-_138835	gcd

MU-1634	141996	142721 RNAP_peak_-_31	RTS_R4_-_29	142694;142703	pORF_-_142008	can
MU-1635	146250	146725 RNAP_peak_-_32	RTS_R4_-_30	146751;146754	pORF_-_146314	panD
MU-1636	147975	149601 RNAP_peak_-_33	RTS_R4_-_31	149617;149630	pORF_-_147944;pORF_-_148807	panC-panB
MU-1637	149715	150953 RNAP_peak_-_34				yadC
MU-1638	151003	152231 RNAP_peak_-_35				yadK-yadL
MU-1639	152243	155426 RNAP_peak_-_36			pORF_-_152829	yadM-htrE
MU-1640	155461	156201 RNAP_peak_-_37				ecpD
MU-1641	156299	156883 RNAP_peak_-_38				yadN
MU-1642	157351	159201 RNAP_peak_-_39	RTS_R4_-_32	159154;159166;159171	pORF_-_157253;pORF_-_157729	folk-pcnB
MU-1643	159251	160751 RNAP_peak_-_40	RTS_R4_-_33	160651;160657;160760	pORF_-_160149	yadB-dksA
MU-1644	160776	162026 RNAP_peak_-_41	RTS_R4_-_34	162053		sfsA-ligT
MU-1645	167026	167401 RNAP_peak_-_42	RTS_R4_-_35	167416		NT
MU-1646	173326	174976 RNAP_peak_-_43	RTS_R4_-_36	174907;174992	pORF_-_173602	hemL
MU-1647	176951	179151 RNAP_peak_-_44	RTS_R4_-_37	179181	pORF_-_178455	yadS-btuF-mtn
MU-1648	183607	184207 RNAP_peak_-_45	RTS_R4_-_38	184122;184124	pORF_-_183709	yaeH
MU-1649	184257	185069			pORF_-_184257	yaeI
MU-1650	184932	186032 RNAP_peak_-_46	RTS_R4_-_39	185972;185976;186073	pORF_-_184257;pORF_-_185123	dapD
MU-1651	186057	188657 RNAP_peak_-_47	RTS_R4_-_40		pORF_-_185978	glnD
MU-1652	188707	189707 RNAP_peak_-_48	RTS_R4_-_41	189532;189545;189553	pORF_-_188712	map-glnD
MU-1653	213557	214257 RNAP_peak_-_49	RTS_R4_-_42	214163	pORF_-_213678;pORF_-_213925	rof-yaeP
MU-1654	216179	217003 RNAP_peak_-_50				yaeF
MU-1655	217157	218832 RNAP_peak_-_51	RTS_R4_-_43	218831	pORF_-_217057	proS
MU-1656	218857	220032 RNAP_peak_-_52	RTS_R4_-_44	220022	pORF_-_218887;pORF_-_219591	yaeB-rcsF
MU-1657	220082	222682 RNAP_peak_-_53	RTS_R4_-_45	222714	pORF_-_220113;pORF_-_220968;pORF_-_221614	metQ-metI-metN
MU-1658	229962	230862 RNAP_peak_-_54	RTS_R4_-_46	230906	pORF_-_229967	yafC
MU-1659	232612	234062 RNAP_peak_-_55	RTS_R4_-_47	233980		mltD
MU-1660	234137	234863 RNAP_peak_-_56	RTS_R4_-_48	234821	pORF_-_234027	gloB
MU-1661	235288	236013 RNAP_peak_-_57	RTS_R4_-_49	236044	pORF_-_235535	rnhA
MU-1662	238257	239102 RNAP_peak_-_58				ykfM-yafU
MU-1663	239213	240188 RNAP_peak_-_59	RTS_R4_-_50	240216	pORF_-_239419	yafV
MU-1664	240863	243488 RNAP_peak_-_60	RTS_R4_-_51	243346	pORF_-_240859	fadE
MU-1665	245063	245888 RNAP_peak_-_61	RTS_R4_-_52	245825		yafK
MU-1666	245938	246563 RNAP_peak_-_62	RTS_R4_-_53	246533	pORF_-_246242	yafQ-dinJ
MU-1667	248363	250088 RNAP_peak_-_63	RTS_R4_-_54			lfhA
MU-1668	254263	255788 RNAP_peak_-_64	RTS_R4_-_55	255770;255776;255807	pORF_-_254259	pepD
MU-1669	258269	259324 RNAP_peak_-_65		259389	pORF_-_258269	phoE
MU-1670	261739	262364 RNAP_peak_-_66	RTS_R4_-_56	262302		NT
MU-1671	262374	264767			pORF_-_262914	ykfN-ykfI-yafW-ykfH-ykfG-yafX-ykfF
MU-1672	264839	265439 RNAP_peak_-_67	RTS_R4_-_57	265294	pORF_-_264844	ykfB

MU-1673	265334	266191				yafY-ykfL-ykfK
MU-1674	266408	267229				yafZ
MU-1675	267339	268239	RNAP_peak_-_68	RTS_R4_-_58	268252	ykfA
MU-1676	268513	269406	RNAP_peak_-_69			perR
MU-1677	273189	274364	RNAP_peak_-_70	RTS_R4_-_59		insH
MU-1678	277089	278414	RNAP_peak_-_71	RTS_R4_-_60		afuC-afuB
MU-1679	278464	279289	RNAP_peak_-_72	RTS_R4_-_61	279354;279384	insB-insA
MU-1680	279314	280014	RNAP_peak_-_73	RTS_R4_-_62	279978	insX-yagB
MU-1681	280053	281207				yagA
MU-1682	287515	288440	RNAP_peak_-_74	RTS_R4_-_63	288412	yagI
MU-1683	288490	289540	RNAP_peak_-_75	RTS_R4_-_64	289564	argF
MU-1684	289890	290590	RNAP_peak_-_76	RTS_R4_-_65	290655	insB-insA
MU-1685	291546	292172	RNAP_peak_-_77		292170	yagK
MU-1686	292444	294023				yagL-yagM
MU-1687	294440	294815	RNAP_peak_-_78	RTS_R4_-_66	294844	yagN
MU-1688	294940	296290	RNAP_peak_-_79	RTS_R4_-_67	296372	intF
MU-1689	296690	301840	RNAP_peak_-_80	RTS_R4_-_68	301863	pORF_-_294920 pORF_-_296994;pORF_-_300155 yagP-yagQ-yagR-yagS-yagT
MU-1690	303140	303490	RNAP_peak_-_81	RTS_R4_-_69	303428;303438	ykgJ
MU-1691	303665	305590	RNAP_peak_-_82	RTS_R4_-_70	305654	yagV
MU-1692	305840	309915	RNAP_peak_-_83	RTS_R4_-_71	309944	pORF_-_306031;pORF_-_309308 yagW-yagX-matC-matB
MU-1693	309970	310560	RNAP_peak_-_84			matA
MU-1694	311393	311993	RNAP_peak_-_85	RTS_R4_-_72	312027	pORF_-_311598;pORF_-_311738 ykgO-ykgM
MU-1695	312393	312468	RNAP_peak_-_86	RTS_R4_-_73	312456	NT
MU-1696	312940	313029	RNAP_peak_-_87			ykgP
MU-1697	315293	315668	RNAP_peak_-_88	RTS_R4_-_74	315721;315750	NT
MU-1698	315710	316393	RNAP_peak_-_89			ykgA
MU-1699	316950	317791	RNAP_peak_-_90			ykgB-ykgI
MU-1700	318268	319193	RNAP_peak_-_91	RTS_R4_-_75	319257	pORF_-_317900 ykgC
MU-1701	323920	324588	RNAP_peak_-_92			ykgH
MU-1702	324793	328568	RNAP_peak_-_93	RTS_R4_-_76	328585	pORF_-_326485;pORF_-_327971 betA-betB-betI
MU-1703	332893	333668		RTS_R4_-_77	333688	yahB
MU-1704	333749	334246	RNAP_peak_-_94			yahC
MU-1705	344818	345493	RNAP_peak_-_95	RTS_R4_-_78	345550	yahN
MU-1706	347318	347643	RNAP_peak_-_96	RTS_R4_-_79	347693	pORF_-_346081 prpR
MU-1707	356718	357893	RNAP_peak_-_97	RTS_R4_-_80	357932;357938	cynR
MU-1708	360473	361084	RNAP_peak_-_98			pORF_-_360473 lacA
MU-1709	361150	362403	RNAP_peak_-_99			pORF_-_361150 lacY
MU-1710	362455	365529				lacZ
MU-1711	365702	367727	RNAP_peak_-_100	RTS_R4_-_81	367754	pORF_-_365652;pORF_-_366811 lacI-mhpR
MU-1712	376552	377602	RNAP_peak_-_101	RTS_R4_-_82	377685	pORF_-_376759 frmB

MU-1713	377654	379129 RNAP_peak_-_102	RTS_R4_-_83	379124	pORF_-_377686;pORF_-_378830	frmA-frmR
MU-1714	379356	380506 RNAP_peak_-_103	RTS_R4_-_84	380428		yaiO-yaiX
MU-1715	381556	381781 RNAP_peak_-_104	RTS_R4_-_85			NT
MU-1716	381815	383159 RNAP_peak_-_105		383207		yaiX-yaiP
MU-1717	383283	383840 RNAP_peak_-_106		384055		yaiS
MU-1718	388036	388961 RNAP_peak_-_107	RTS_R4_-_86	388978	pORF_-_387977	hemB
MU-1719	390711	392586 RNAP_peak_-_108	RTS_R4_-_87	392607;392668	pORF_-_390963;pORF_-_391826	insF-insE
MU-1720	394461	395561 RNAP_peak_-_109	RTS_R4_-_88	395543;395587	pORF_-_394354	ampH
MU-1721	398279	398554 RNAP_peak_-_110	RTS_R4_-_89	398533		yaiY
MU-1722	399054	400329 RNAP_peak_-_111	RTS_R4_-_90	400176	pORF_-_399053	ddlA
MU-1723	402529	402879 RNAP_peak_-_112	RTS_R4_-_91	402878;402928		NT
MU-1724	404055	404880 RNAP_peak_-_113	RTS_R4_-_92	404905;404910	pORF_-_404059	proC
MU-1725	407530	407755 RNAP_peak_-_114	RTS_R4_-_93	407786		NT
MU-1726	408255	409255 RNAP_peak_-_115	RTS_R4_-_94	409274	pORF_-_408332	rdgC
MU-1727	410330	411731 RNAP_peak_-_116	RTS_R4_-_95	411748		araJ
MU-1728	411806	416181 RNAP_peak_-_117	RTS_R4_-_96	416200	pORF_-_411831;pORF_-_414974	sbcC-sbcD
MU-1729	418281	420281 RNAP_peak_-_118	RTS_R4_-_97	420346		NT
MU-1730	423531	424331 RNAP_peak_-_119	RTS_R4_-_98	424218		acpH
MU-1731	430284	431387 RNAP_peak_-_120	RTS_R4_-_99	431276;431302;431315;431348	pORF_-_430353	tsx
MU-1732	431587	432062 RNAP_peak_-_121	RTS_R4_-_100	432100		yajI
MU-1733	436087	437587 RNAP_peak_-_122	RTS_R4_-_101	437508	pORF_-_436385	yajO
MU-1734	437612	439622 RNAP_peak_-_123	RTS_R4_-_102	439624;439634	pORF_-_437539	dxs
MU-1735	439687	441162 RNAP_peak_-_124	RTS_R4_-_103	440597	pORF_-_439426;pORF_-_440325	ispA-xseB
MU-1736	442137	443762 RNAP_peak_-_125	RTS_R4_-_104	443779;443784	pORF_-_442275;pORF_-_442828	yajL-panE
MU-1737	444412	445687 RNAP_peak_-_126	RTS_R4_-_105	445520		yajR
MU-1738	445787	450912 RNAP_peak_-_127	RTS_R4_-_106	450858;450873;450877	pORF_-_447874;pORF_-_449887	cyoE-cyoD-cyoC-cyoB-cyoA
MU-1739	451437	453412 RNAP_peak_-_128	RTS_R4_-_107	453415;453421;453433	pORF_-_451294;pORF_-_452813	ampG-yajG
MU-1740	457952	458008 RNAP_peak_-_129				sraA
MU-1741	464105	464755 RNAP_peak_-_130	RTS_R4_-_108	464796	pORF_-_464076	queC
MU-1742	464980	466530 RNAP_peak_-_131	RTS_R4_-_109	466565;466570	pORF_-_464836	ybaE
MU-1743	473655	474405 RNAP_peak_-_132	RTS_R4_-_110	474425	pORF_-_473525	tesB
MU-1744	474955	475505 RNAP_peak_-_133	RTS_R4_-_111	475536		ybaZ
MU-1745	476355	477955 RNAP_peak_-_134	RTS_R4_-_112	477866	pORF_-_476291	ylaB
MU-1746	478005	478605 RNAP_peak_-_135	RTS_R4_-_113	478512		ylaC
MU-1747	478655	479280 RNAP_peak_-_136	RTS_R4_-_114		pORF_-_478591	maa
MU-1748	479305	480083 RNAP_peak_-_137	RTS_R4_-_115	480019	pORF_-_479314	hha-ybaJ
MU-1749	480508	484858 RNAP_peak_-_138	RTS_R4_-_116	484888;484914;484922;484958	pORF_-_480478;pORF_-_483650	acrB-acrA

MU-1750	484883	485283 RNAP_peak_-_139	RTS_R4_-_117	485310		NT
MU-1751	489133	490133 RNAP_peak_-_140	RTS_R4_-_118	490112	pORF_-_489509	ybaM-priC
MU-1752	490208	490633 RNAP_peak_-_141	RTS_R4_-_119	490663		NT
MU-1753	498558	499437 RNAP_peak_-_142	RTS_R4_-_120			aes
MU-1754	500662	502487 RNAP_peak_-_143	RTS_R4_-_121	502520;502564	pORF_-_500786	ybaL
MU-1755	502937	503912 RNAP_peak_-_144	RTS_R4_-_122	503954;504035;504044		fsr
MU-1756	505512	506389 RNAP_peak_-_145	RTS_R4_-_123	506369;506441;506463	pORF_-_505827	ybaK
MU-1757	506539	507339 RNAP_peak_-_146	RTS_R4_-_124	507321		ybaP
MU-1758	507814	510614 RNAP_peak_-_147	RTS_R4_-_125	510619;510635	pORF_-_508099	copA
MU-1759	513489	515014 RNAP_peak_-_148	RTS_R4_-_126	515049	pORF_-_514080	ybbJ-qmcA
MU-1760	516364	517489 RNAP_peak_-_149	RTS_R4_-_127	517529;517578;517583	pORF_-_516649	ybbN
MU-1761	517514	519039 RNAP_peak_-_150	RTS_R4_-_128	519021;519157	pORF_-_517564;pORF_-_518363	ybbO-tesA
MU-1762	528839	530589 RNAP_peak_-_151	RTS_R4_-_129	530470;530477	pORF_-_529356	ylbG-ybbB
MU-1763	530519	531445				allS
MU-1764	542489	544214 RNAP_peak_-_152	RTS_R4_-_130		pORF_-_542485	ylbA-allC
MU-1765	544538	545587 RNAP_peak_-_153				allD
MU-1766	550514	552339 RNAP_peak_-_154	RTS_R4_-_131	552365	pORF_-_550750;pORF_-_551814	purK-purE
MU-1767	552364	553764 RNAP_peak_-_155	RTS_R4_-_132	553683;553687;553713;553728;553781	pORF_-_553166	lpxH-ppiB
MU-1768	555414	555539 RNAP_peak_-_156	RTS_R4_-_133	555697		ybcI
MU-1769	555914	556989 RNAP_peak_-_157	RTS_R4_-_134	556998;557004	pORF_-_555884;pORF_-_556098	ybcJ-foID
MU-1770	563071	563703 RNAP_peak_-_158				fimZ
MU-1771	564139	565214 RNAP_peak_-_159	RTS_R4_-_135		pORF_-_564038	intD
MU-1772	565081	565599				xisD-exoD
MU-1773	566839	567239 RNAP_peak_-_160	RTS_R4_-_136	567403		NT
MU-1774	575009	576048 RNAP_peak_-_161			pORF_-_574981	nmpC
MU-1775	573816	574941 RNAP_peak_-_162	RTS_R4_-_137		pORF_-_573960	insH
MU-1776	574966	576066 RNAP_peak_-_163	RTS_R4_-_138	576080;576093	pORF_-_574981	nmpC
MU-1777	577574	578124 RNAP_peak_-_164	RTS_R4_-_139	578131;578144	pORF_-_577823	borD
MU-1778	578407	578817 RNAP_peak_-_165				ybcV
MU-1779	579553	579653 RNAP_peak_-_166	RTS_R4_-_140			ylcI
MU-1780	580590	580840 RNAP_peak_-_167	RTS_R4_-_141	580786		NT
MU-1781	581375	582029 RNAP_peak_-_168		582167		ybcY
MU-1782	583765	584865 RNAP_peak_-_169	RTS_R4_-_142	584873;584881;584887	pORF_-_583903	ompT
MU-1783	585365	586140 RNAP_peak_-_170	RTS_R4_-_143			envY
MU-1784	586565	590465 RNAP_peak_-_171	RTS_R4_-_144	590318;590483	pORF_-_586314;pORF_-_587205	ybcH-nfrA
MU-1785	590615	592390 RNAP_peak_-_172	RTS_R4_-_145	592554;592574		nfrB
MU-1786	592665	594645 RNAP_peak_-_173	RTS_R4_-_146	594681	pORF_-_592551;pORF_-_593983	cusS-cusR
MU-1787	596220	596320 RNAP_peak_-_174	RTS_R4_-_147	596419		NT
MU-1788	602745	603870 RNAP_peak_-_175	RTS_R4_-_148	603879		ybdG
MU-1789	604020	604645 RNAP_peak_-_176	RTS_R4_-_149	604668;604676	pORF_-_603994	nfsB

MU-1790	604670	605520 RNAP_peak_-_177	RTS_R4_-_150	605447	pORF_-_604741	ybdF-ybdJ
MU-1791	605645	606595 RNAP_peak_-_178	RTS_R4_-_151	606485	pORF_-_605488	ybdK
MU-1792	606920	606945 RNAP_peak_-_179	RTS_R4_-_152	607015		NT
MU-1793	608670	611820	RTS_R4_-_153	611838	pORF_-_609477	entD-fepA
MU-1794	618671	621421 RNAP_peak_-_180	RTS_R4_-_154	621457	pORF_-_618607	fepC-fepG-fepD
MU-1795	622671	624046 RNAP_peak_-_181	RTS_R4_-_155	623950	pORF_-_622777	fepB
MU-1796	631246	631521 RNAP_peak_-_182	RTS_R4_-_156	631486		NT
MU-1797	631596	632721 RNAP_peak_-_183	RTS_R4_-_157	632746	pORF_-_631612	ybdH
MU-1798	633970	635792 RNAP_peak_-_184			pORF_-_634572	ybdM-ybdN
MU-1799	635939	636841 RNAP_peak_-_185				ybdO
MU-1800	637071	637921 RNAP_peak_-_186	RTS_R4_-_158	637825	pORF_-_637050	dsbG
MU-1801	640674	641099 RNAP_peak_-_187	RTS_R4_-_159	641120;641126	pORF_-_640662	uspG
MU-1802	642856	643381 RNAP_peak_-_188	RTS_R4_-_160	643277;643288;643364	pORF_-_642780	rnk
MU-1803	643431	644231 RNAP_peak_-_189	RTS_R4_-_161	644257	pORF_-_643420	rna
MU-1804	644340	651079 RNAP_peak_-_190				citT-citG-citX-citF-citE-citD-citC
MU-1805	654099	655199 RNAP_peak_-_191	RTS_R4_-_162		pORF_-_653806	dcuC
MU-1806	656799	657174 RNAP_peak_-_192	RTS_R4_-_163	657190		crcB
MU-1807	658499	659474 RNAP_peak_-_193	RTS_R4_-_164	659474;659525	pORF_-_658474	lipA
MU-1808	659648	660601 RNAP_peak_-_194				ybeF
MU-1809	660924	661499 RNAP_peak_-_195	RTS_R4_-_165	661533	pORF_-_660860	lipB
MU-1810	661549	661874 RNAP_peak_-_196	RTS_R4_-_166	661929	pORF_-_661602	ybeD
MU-1811	661899	663130 RNAP_peak_-_197	RTS_R4_-_167	663224;663372	pORF_-_661975	dacA
MU-1812	663155	664555 RNAP_peak_-_198	RTS_R4_-_168	664555;664684	pORF_-_663325	rlpA
MU-1813	664580	668280 RNAP_peak_-_199	RTS_R4_-_169	668291;668296;668430	pORF_-_665539;pORF_-_667471;pORF_-_667942	mrdB-mrdA-ybeA-ybeB
MU-1814	668305	670230 RNAP_peak_-_200	RTS_R4_-_170	670132		cobC-nadD
MU-1815	670255	674180 RNAP_peak_-_201	RTS_R4_-_171	674060;674068	pORF_-_669797;pORF_-_670828;pORF_-_671424	holA-rlpB-leuS
MU-1816	675080	675705 RNAP_peak_-_202	RTS_R4_-_172	675831		ybeQ
MU-1817	678075	678629 RNAP_peak_-_203				ybeT
MU-1818	680980	682130 RNAP_peak_-_204	RTS_R4_-_173		pORF_-_680946	hscC
MU-1819	682705	683655	RTS_R4_-_174	683662	pORF_-_682700	rihA
MU-1820	683780	685905 RNAP_peak_-_205	RTS_R4_-_175	686066;686081	pORF_-_683753;pORF_-_685152	gltL-gltK-gltJ
MU-1821	685955	687105 RNAP_peak_-_206	RTS_R4_-_176	687035;687066;687077	pORF_-_686062	sroC-gltI
MU-1822	687130	688405 RNAP_peak_-_207	RTS_R4_-_177	688559	pORF_-_687220	insH
MU-1823	688655	691130 RNAP_peak_-_208	RTS_R4_-_178	691100	pORF_-_688566;pORF_-_690129	Int-ybeX
MU-1824	691155	692705 RNAP_peak_-_209	RTS_R4_-_179	692652;692659;692692	pORF_-_691097;pORF_-_691561	ybeY-ybeZ
MU-1825	692755	694205 RNAP_peak_-_210	RTS_R4_-_180	694214	pORF_-_692754	miaB
MU-1826	695655	696030 RNAP_peak_-_211	RTS_R4_-_181	696016		glnX-glnV-metU-glnW
MU-1827	696055	696530 RNAP_peak_-_212	RTS_R4_-_182	696389		glnU-leuW-metT
MU-1828	696555	698430 RNAP_peak_-_213	RTS_R4_-_183	698445	pORF_-_696736	asnB
MU-1829	698655	699580 RNAP_peak_-_214	RTS_R4_-_184	699578	pORF_-_698797	nagD
MU-1830	699630	700980 RNAP_peak_-_215	RTS_R4_-_185	700877;701088	pORF_-_699597	nagC

MU-1831	701005	702905 RNAP_peak_-_216	RTS_R4_-_186	702929	pORF_-_700826;pORF_-_702034	nagA-nagB
MU-1832	709430	710105 RNAP_peak_-_217	RTS_R4_-_187	709939;709945;709975;710003;710051	pORF_-_709423	fur-uof
MU-1833	710155	710780 RNAP_peak_-_218	RTS_R4_-_188	710719;710744;710819	pORF_-_710158	fldA
MU-1834	710830	712030 RNAP_peak_-_219	RTS_R4_-_189	712066	pORF_-_710828;pORF_-_711261	ybfE-ybfF
MU-1835	715170	715820 RNAP_peak_-_220				ybfG
MU-1836	715944	716093 RNAP_peak_-_221				ybfI
MU-1837	716005	717680	RTS_R4_-_190	717567	pORF_-_717485	potE
MU-1838	717485	719683			pORF_-_717485	speF
MU-1839	720280	721055 RNAP_peak_-_222	RTS_R4_-_191	721191;721208;		kdpE
MU-1840	721080	723930 RNAP_peak_-_223	RTS_R4_-_192		pORF_-_720953	kdpD
MU-1841	723630	728044 RNAP_peak_-_224				kdpC-kdpB-kdpA-kdpF
MU-1842	740358	741858 RNAP_peak_-_225	RTS_R4_-_193	741892		ybgH
MU-1843	746283	747008 RNAP_peak_-_226	RTS_R4_-_194	747026		abrB
MU-1844	747144	752018 RNAP_peak_-_227				ybgO-ybgP-ybgQ-ybgD
MU-1845	752133	752208 RNAP_peak_-_228	RTS_R4_-_195	752400;752404		NT
MU-1846	752383	754008 RNAP_peak_-_229	RTS_R4_-_196	753894;753897;753901;753904;753919;753923;753995;754018	pORF_-_752408	gltA
MU-1847	764383	765083 RNAP_peak_-_230	RTS_R4_-_197	765122		mngR
MU-1848	783258	784033 RNAP_peak_-_231	RTS_R4_-_198	784070		zitB
MU-1849	784158	784658 RNAP_peak_-_232	RTS_R4_-_199	784607;784663;784685	pORF_-_784160	ybgS
MU-1850	786058	786933 RNAP_peak_-_233	RTS_R4_-_200	786855;786893;786905	pORF_-_786066	gpmA
MU-1851	787058	788233 RNAP_peak_-_234	RTS_R4_-_201	788097;788124	pORF_-_787020	galM
MU-1852	788258	791283 RNAP_peak_-_235	RTS_R4_-_202	791309	pORF_-_788054;pORF_-_789206;pORF_-_790262	galK-galT-galE
MU-1853	791558	793033 RNAP_peak_-_236	RTS_R4_-_203	793037	pORF_-_791539	modF
MU-1854	793133	793858 RNAP_peak_-_237	RTS_R4_-_204	793885	pORF_-_793079	modE
MU-1855	796858	797658 RNAP_peak_-_238	RTS_R4_-_205	797681	pORF_-_796836	ybhA
MU-1856	798845	799798 RNAP_peak_-_239				ybhD
MU-1857	802533	802658 RNAP_peak_-_240	RTS_R4_-_206			NT
MU-1858	804883	806533 RNAP_peak_-_241	RTS_R4_-_207	806537;806546	pORF_-_805221	ybhC
MU-1859	806704	807204 RNAP_peak_-_242	RTS_R4_-_208	807152	pORF_-_806656	ybhB
MU-1860	807254	808479 RNAP_peak_-_243	RTS_R4_-_209	808513	pORF_-_807191	bioA
MU-1861	812337	812474				ybhU
MU-1862	814888	815865 RNAP_peak_-_244	RTS_R4_-_210	815894	pORF_-_814962	ybhK
MU-1863	820940	823715 RNAP_peak_-_245	RTS_R4_-_211	823747	pORF_-_821721	ybhN-ybhO-ybhP
MU-1864	824240	828140 RNAP_peak_-_246	RTS_R4_-_212	828189;828206	pORF_-_824225;pORF_-_826468	ybhR-ybhS-ybhF
MU-1865	828165	829865 RNAP_peak_-_247	RTS_R4_-_213	829893	pORF_-_828197;pORF_-_829195	ybhG-ybiH
MU-1866	831290	831940 RNAP_peak_-_248	RTS_R4_-_214			ybiA
MU-1867	836696	837171 RNAP_peak_-_249	RTS_R4_-_215	837198	pORF_-_836888	ybiJ
MU-1868	837221	837671 RNAP_peak_-_250	RTS_R4_-_216	837699;837705		ybiI

MU-1869	837746	839096 RNAP_peak_-_251	RTS_R4_-_217	839139;	pORF_-_837753	ybiX
MU-1870	839196	840846	RTS_R4_-_218		pORF_-_838472	fiu
MU-1871	841021	841296 RNAP_peak_-_252	RTS_R4_-_219			ybiM
MU-1872	842522	844697 RNAP_peak_-_253	RTS_R4_-_220	844733	pORF_-_842478	ybiO
MU-1873	844822	847397 RNAP_peak_-_254	RTS_R4_-_221	847270;847360	pORF_-_844964;pORF_-_846481	glnQ-glnP-glnH
MU-1874	847597	848147 RNAP_peak_-_255	RTS_R4_-_222	848160;848167;848173	pORF_-_847631	dps
MU-1875	848472	849372 RNAP_peak_-_256	RTS_R4_-_223	849354		rhtA
MU-1876	850347	851897 RNAP_peak_-_257	RTS_R4_-_224			ybiP
MU-1877	851972	852247 RNAP_peak_-_258	RTS_R4_-_225	852270		rybA
MU-1878	854097	854997 RNAP_peak_-_259	RTS_R4_-_226	855021	pORF_-_854047	ybiS
MU-1879	857122	859250 RNAP_peak_-_260	RTS_R4_-_227	859272	pORF_-_857019;pORF_-_858436	ybiU-ybiV
MU-1880	859397	862761			pORF_-_859397	ybiW-ybiY
MU-1881	863625	865650 RNAP_peak_-_261	RTS_R4_-_228	865611	pORF_-_863603;pORF_-_864352	moeB-moeA
MU-1882	875950	877275 RNAP_peak_-_262	RTS_R4_-_229	877292	pORF_-_875933	yliG
MU-1883	879075	879725 RNAP_peak_-_263	RTS_R4_-_230	879742	pORF_-_879077	yliJ
MU-1884	881235	882710 RNAP_peak_-_264	RTS_R4_-_231	882682	pORF_-_881199	deoR-ybjG
MU-1885	884235	886535 RNAP_peak_-_265	RTS_R4_-_232	886577	pORF_-_884539;pORF_-_885354	ybjH-ybjI-ybjJ
MU-1886	887110	887335 RNAP_peak_-_266	RTS_R4_-_233	887280		rybB
MU-1887	887435	889179 RNAP_peak_-_267	RTS_R4_-_234	889168	pORF_-_887357	ybjL
MU-1888	889729	890004 RNAP_peak_-_268	RTS_R4_-_235	889999;890020	pORF_-_889719	grxA
MU-1889	898482	899832 RNAP_peak_-_269	RTS_R4_-_236	899820;899828;899849	pORF_-_899067	artJ
MU-1890	900082	903007 RNAP_peak_-_270	RTS_R4_-_237	902993;903066	pORF_-_900757;pORF_-_901480;pORF_-_902229	artM-artQ-artI-artP
MU-1891	903157	903707 RNAP_peak_-_271	RTS_R4_-_238	903736	pORF_-_903175	ybjP
MU-1892	904957	906007 RNAP_peak_-_272	RTS_R4_-_239	906078	pORF_-_904963	ybjS
MU-1893	906082	908558	RTS_R4_-_240	908543	pORF_-_907516	ybjT-ltaE
MU-1894	908583	910283 RNAP_peak_-_273	RTS_R4_-_241	910299	pORF_-_908554	poxB
MU-1895	910458	911608	RTS_R4_-_242	911723;913299		hcr
MU-1896	911385	913037 RNAP_peak_-_274				hcp
MU-1897	913208	914083 RNAP_peak_-_275	RTS_R4_-_243	914076		ybjE
MU-1898	914358	914458 RNAP_peak_-_276	RTS_R4_-_244	914507;914515		NT
MU-1899	914633	915383 RNAP_peak_-_277	RTS_R4_-_245	915454		aqpZ
MU-1900	917033	918308 RNAP_peak_-_278	RTS_R4_-_246	918326	pORF_-_917351	ybjX
MU-1901	921510	921885 RNAP_peak_-_279	RTS_R4_-_247	921858;921899	pORF_-_921589	cspD
MU-1902	925098	925323 RNAP_peak_-_280	RTS_R4_-_248	925194		serW
MU-1903	925434	925909 RNAP_peak_-_281	RTS_R4_-_249	925671;925694;925701;925730	pORF_-_925448	infA
MU-1904	925959	926809 RNAP_peak_-_282	RTS_R4_-_250			aat
MU-1905	926834	930234 RNAP_peak_-_283	RTS_R4_-_251	930221	pORF_-_926697;pORF_-_928419	cydC-cydD
MU-1906	930284	931284 RNAP_peak_-_284	RTS_R4_-_252	931301	pORF_-_930308	trxB
MU-1907	943934	944809 RNAP_peak_-_285	RTS_R4_-_253	944837	pORF_-_944154	ycaC

MU-1908	947984	948784	RNAP_peak_-_286	RTS_R4_-_254	948821		ycaN
MU-1909	949559	950359	RNAP_peak_-_287	RTS_R4_-_255	950378	pORF_-_949563	pflA
MU-1910	950509	952734	RNAP_peak_-_288	RTS_R4_-_256	952802;952864;952967	pORF_-_950495	pflB
MU-1911	952759	953911	RNAP_peak_-_289	RTS_R4_-_257	953715;953726	pORF_-_952832	focA
MU-1912	954136	955911	RNAP_peak_-_290	RTS_R4_-_258	955881	pORF_-_954095	ycaO
MU-1913	959086	959386	RNAP_peak_-_291	RTS_R4_-_259	959396		NT
MU-1914	972137	972612	RNAP_peak_-_292	RTS_R4_-_260	972639		ycbC
MU-1915	983462	984937	RNAP_peak_-_293	RTS_R4_-_261	984958;984967	pORF_-_983742	aspC
MU-1916	985088	986313	RNAP_peak_-_294	RTS_R4_-_262	986315	pORF_-_985117	ompF
MU-1917	986817	988342	RNAP_peak_-_295	RTS_R4_-_263	988228;988242;988267	pORF_-_986808	asnS
MU-1918	988392	989667	RNAP_peak_-_296	RTS_R4_-_264	989638	pORF_-_988377	pncB
MU-1919	992567	996792	RNAP_peak_-_297	RTS_R4_-_265	996785	pORF_-_992500;pORF_-_994066	ssuB-ssuC-ssuD-ssuA-ssuE
MU-1920	1003568	1003668	RNAP_peak_-_298	RTS_R4_-_266	1003714		NT
MU-1921	1005893	1006818	RNAP_peak_-_299	RTS_R4_-_267	1006847	pORF_-_1005714	ycbX
MU-1922	1015168	1015768	RNAP_peak_-_300	RTS_R4_-_268	1015720	pORF_-_1015175	fabA
MU-1923	1015793	1017518	RNAP_peak_-_301	RTS_R4_-_269	1017551	pORF_-_1015762	ycbZ
MU-1924	1018243	1019443	RNAP_peak_-_302	RTS_R4_-_270	1019302;1019341;1019418	pORF_-_1018236	ompA
MU-1925	1019468	1020143	RNAP_peak_-_303	RTS_R4_-_271	1020172		sulA
MU-1926	1020943	1023568	RNAP_peak_-_304	RTS_R4_-_272	1023560;1023602	pORF_-_1020953;pORF_-_1023125	yccS-yccF
MU-1927	1025743	1026243	RNAP_peak_-_305	RTS_R4_-_273	1026264	pORF_-_1025780	mgsA
MU-1928	1026393	1027018	RNAP_peak_-_306	RTS_R4_-_274	1027059	pORF_-_1026334	yccT
MU-1929	1027636	1027961	RNAP_peak_-_307	RTS_R4_-_275	1027961;1027966	pORF_-_1027627	hspQ
MU-1930	1027986	1029186	RNAP_peak_-_308	RTS_R4_-_276	1029221	pORF_-_1028002	yccW
MU-1931	1029536	1029887	RNAP_peak_-_309	RTS_R4_-_277	1029908;1029915	pORF_-_1029562	yccK
MU-1932	1029987	1030712	RNAP_peak_-_310	RTS_R4_-_278	1030669;1030673		yccA
MU-1933	1030837	1030912	RNAP_peak_-_311	RTS_R4_-_279	1030935		serT
MU-1934	1030937	1031412	RNAP_peak_-_312	RTS_R4_-_280	1031352		NT
MU-1935	1041187	1041812	RNAP_peak_-_313	RTS_R4_-_281	1041752		NT
MU-1936	1042137	1049212	RNAP_peak_-_314	RTS_R4_-_282		pORF_-_1041253;pORF_-_1045072;pORF_-_1047168	etk-etp-gfcE-gfcD-gfcC-gfcB-gfcA
MU-1937	1049312	1049912	RNAP_peak_-_315	RTS_R4_-_283	1049923		NT
MU-1938	1050186	1050398					cspH
MU-1939	1051512	1052585	RNAP_peak_-_316				yccM
MU-1940	1052657	1055401					torS
MU-1941	1056337	1057387	RNAP_peak_-_317	RTS_R4_-_284	1057207	pORF_-_1056485	torR
MU-1942	1061837	1063037	RNAP_peak_-_318	RTS_R4_-_285	1063026;1063051;1063056	pORF_-_1061773;pORF_-_1062078	cbpM-cbpA
MU-1943	1065987	1067112	RNAP_peak_-_319	RTS_R4_-_286	1066953;1066959;1066981	pORF_-_1066087;pORF_-_1066335	yccJ-wrbA
MU-1944	1067437	1068887	RNAP_peak_-_320	RTS_R4_-_287	1068877		rutG
MU-1945	1068912	1073237	RNAP_peak_-_321	RTS_R4_-_288	1073288		rutF-rutE-rutD-rutC-rutB-rutA
MU-1946	1074387	1078137	RNAP_peak_-_322	RTS_R4_-_289	1078129;1078136;1078145	pORF_-_1074143	putA
MU-1947	1080012	1080587	RNAP_peak_-_323	RTS_R4_-_290	1080499		NT
MU-1948	1083712	1084062	RNAP_peak_-_324	RTS_R4_-_291	1084079		NT

MU-1949	1085337	1085662	RNAP_peak_-_325	RTS_R4_-_292	1085851		pgaD
MU-1950	1085329	1091512	RNAP_peak_-_326			pORF_-_1087062;pORF_-_1089089	pgaD-pgaC-pgaB-pgaA
MU-1951	1093437	1094687	RNAP_peak_-_327	RTS_R4_-_293		pORF_-_1093498;pORF_-_1094361	insF-insE
MU-1952	1096787	1096887	RNAP_peak_-_328	RTS_R4_-_294	1096875		serX
MU-1953	1100137	1102537	RNAP_peak_-_329	RTS_R4_-_295	1102550;1102566	pORF_-_1100074;pORF_-_1100934;pORF_-_1101769	csgG-csgF-csgE-csgD
MU-1954	1106915	1108215	RNAP_peak_-_330	RTS_R4_-_296	1108345		mdoC
MU-1955	1112815	1113415	RNAP_peak_-_331	RTS_R4_-_297	1113435	pORF_-_1113030	msyB
MU-1956	1113515	1114740	RNAP_peak_-_332	RTS_R4_-_298	1114756	pORF_-_1113487	mdtG
MU-1957	1114890	1115840	RNAP_peak_-_333	RTS_R4_-_299	1115838	pORF_-_1114885	lpxL
MU-1958	1117140	1117890	RNAP_peak_-_334	RTS_R4_-_300	1117768;1117897;1118294	pORF_-_1117124	yceI
MU-1959	1117703	1118269	RNAP_peak_-_335				yceJ
MU-1960	1118530	1118670					yceO
MU-1961	1118765	1119865	RNAP_peak_-_336	RTS_R4_-_301	1119832	pORF_-_1118691	solA
MU-1962	1119915	1120240	RNAP_peak_-_337	RTS_R4_-_302	1120252	pORF_-_1119924	bssS
MU-1963	1120472	1120697	RNAP_peak_-_338	RTS_R4_-_303	1120732	pORF_-_1120465	dinI
MU-1964	1120772	1121847	RNAP_peak_-_339	RTS_R4_-_304	1121857;1121866	pORF_-_1120784	pyrC
MU-1965	1122022	1123297	RNAP_peak_-_340	RTS_R4_-_305	1123304	pORF_-_1121936;pORF_-_1122630	yceB-grxB
MU-1966	1123341	1124549	RNAP_peak_-_341			pORF_-_1123341	mdtH
MU-1967	1128898	1129398	RNAP_peak_-_342	RTS_R4_-_306	1129388	pORF_-_1128637;pORF_-_1129058	flgN-flgM
MU-1968	1129427	1130086	RNAP_peak_-_343				flgA
MU-1969	1140403	1144079	RNAP_peak_-_344	RTS_R4_-_307	1143581;1143607;1143903;1144100	pORF_-_1140405	rne
MU-1970	1145229	1145929	RNAP_peak_-_345	RTS_R4_-_308	1145848	pORF_-_1145234	yceF
MU-1971	1156605	1156855	RNAP_peak_-_346	RTS_R4_-_309			NT
MU-1972	1158780	1160830	RNAP_peak_-_347	RTS_R4_-_310	1160838	pORF_-_1158585	fhuE
MU-1973	1167280	1168055	RNAP_peak_-_348	RTS_R4_-_311	1168006	pORF_-_1167423	ycfQ
MU-1974	1168630	1169530	RNAP_peak_-_349	RTS_R4_-_312	1169641	pORF_-_1168635	ycfS
MU-1975	1169780	1173205	RNAP_peak_-_350	RTS_R4_-_313	1173215;1173251	pORF_-_1169741	mfd
MU-1976	1173315	1174388	RNAP_peak_-_351				ycfT
MU-1977	1179702	1180490	RNAP_peak_-_352				ycfZ
MU-1978	1180487	1180948					ymfA
MU-1979	1181012	1184862	RNAP_peak_-_353	RTS_R4_-_314	1184883	pORF_-_1181006;pORF_-_1183681	potD-potC-potB-potA
MU-1980	1186362	1187462	RNAP_peak_-_354	RTS_R4_-_315	1187488	pORF_-_1186342	ycfD
MU-1981	1187487	1189662	RNAP_peak_-_355	RTS_R4_-_316	1189695;1189706;1189714	pORF_-_1187539;pORF_-_1188999	phoQ-phoP
MU-1982	1189687	1193141	RNAP_peak_-_356	RTS_R4_-_317	1193024	pORF_-_1189839;pORF_-_1191213;pORF_-_1191890	purB-hflD-mnmA
MU-1983	1193216	1194141	RNAP_peak_-_357	RTS_R4_-_318	1194167	pORF_-_1193050	nudJ-rluE
MU-1984	1196090	1196755	RNAP_peak_-_358		1196783		ymfD
MU-1985	1196756	1197460	RNAP_peak_-_359		1197501	pORF_-_1196756	ymfE

MU-1986	1199651	1200101	RNAP_peak_-_360	RTS_R4_-_319	1200268;1200279	pORF_-_1198902	intE-xisE
MU-1987	1200501	1200576		RTS_R4_-_320	1200715		NT
MU-1988	1201051	1202126	RNAP_peak_-_361	RTS_R4_-_321	1202147;1202156	pORF_-_1201482	ymfJ-ymfK
MU-1989	1202276	1202401		RTS_R4_-_322	1202433		NT
MU-1990	1202951	1203126	RNAP_peak_-_362	RTS_R4_-_323	1203044		NT
MU-1991	1207768	1207993	RNAP_peak_-_363	RTS_R4_-_324	1208076		NT
MU-1992	1207740	1208842	RNAP_peak_-_364				tfaE-stfE
MU-1993	1210903	1211226	RNAP_peak_-_365				elbA
MU-1994	1211926	1212330	RNAP_peak_-_366		1212359		ycgX
MU-1995	1212518	1213318	RNAP_peak_-_367	RTS_R4_-_325	1213336	pORF_-_1212551	ycgE
MU-1996	1213518	1214468	RNAP_peak_-_368	RTS_R4_-_326	1214729		ycgF
MU-1997	1221544	1222294	RNAP_peak_-_369	RTS_R4_-_327	1222320	pORF_-_1221528;pORF_-_1221867	ymgD-ymgG-ymgI
MU-1998	1223419	1225344	RNAP_peak_-_370	RTS_R4_-_328	1225362	pORF_-_1223502;pORF_-_1223772;pORF_-_1224608	minE-minD-minC
MU-1999	1225519	1225619	RNAP_peak_-_371	RTS_R4_-_329	1225656		NT
MU-2000	1226119	1226720	RNAP_peak_-_372	RTS_R4_-_330	1226729	pORF_-_1226294	ycgK
MU-2001	1229220	1229620	RNAP_peak_-_373	RTS_R4_-_331	1229673		hlyE
MU-2002	1231720	1232245	RNAP_peak_-_374	RTS_R4_-_332	1232278	pORF_-_1232114	dsbB
MU-2003	1232420	1233945	RNAP_peak_-_375	RTS_R4_-_333	1233988	pORF_-_1232399	nhaB
MU-2004	1234945	1236495	RNAP_peak_-_376	RTS_R4_-_334	1236509	pORF_-_1234932	ycgB
MU-2005	1239395	1242320	RNAP_peak_-_377	RTS_R4_-_335	1242327	pORF_-_1239558;pORF_-_1241389	cvrA-ldcA
MU-2006	1243420	1243870	RNAP_peak_-_378	RTS_R4_-_336	1243778	pORF_-_1243016	ycgR
MU-2007	1244899	1246624	RNAP_peak_-_379	RTS_R4_-_337	1246645	pORF_-_1244902	treA
MU-2008	1246974	1250174	RNAP_peak_-_380	RTS_R4_-_338	1250020;1250041	pORF_-_1246919;pORF_-_1248348;pORF_-_1248991	dhaM-dhaL-dhaK
MU-2009	1252799	1255374	RNAP_peak_-_381	RTS_R4_-_339	1255468;1255538	pORF_-_1252308	ycgV
MU-2010	1255874	1256924	RNAP_peak_-_382	RTS_R4_-_340	1257105	pORF_-_1255944	ychF
MU-2011	1256949	1257749	RNAP_peak_-_383	RTS_R4_-_341	1257765	pORF_-_1257152	pth
MU-2012	1258599	1260049	RNAP_peak_-_384	RTS_R4_-_342	1260092	pORF_-_1258347	ychM
MU-2013	1260099	1261324	RNAP_peak_-_385	RTS_R4_-_343	1261082	pORF_-_1260151	prs
MU-2014	1261349	1262724	RNAP_peak_-_386	RTS_R4_-_344	1262758	pORF_-_1261249;pORF_-_1262100	ispE-lolB
MU-2015	1268374	1268474	RNAP_peak_-_387	RTS_R4_-_345	1268557		ldrA
MU-2016	1268599	1268699	RNAP_peak_-_388	RTS_R4_-_346			NT
MU-2017	1268899	1269024	RNAP_peak_-_389	RTS_R4_-_347			ldrB
MU-2018	1269124	1269224	RNAP_peak_-_390	RTS_R4_-_348			NT
MU-2019	1269424	1269549	RNAP_peak_-_391	RTS_R4_-_349			ldrC
MU-2020	1269649	1269749	RNAP_peak_-_392	RTS_R4_-_350			NT
MU-2021	1269974	1271099	RNAP_peak_-_393	RTS_R4_-_351	1271119		chaA
MU-2022	1272499	1272924	RNAP_peak_-_394	RTS_R4_-_352	1272855	pORF_-_1272469	ychN
MU-2023	1274375	1277000	RNAP_peak_-_395	RTS_R4_-_353	1277086	pORF_-_1274402;pORF_-_1275045	narL-narX
MU-2024	1286375	1286525	RNAP_peak_-_396	RTS_R4_-_354	1286462		rttR-tpr-tyrV
MU-2025	1286550	1286825	RNAP_peak_-_397	RTS_R4_-_355	1286758		tyrT

MU-2026	1286850	1288375	RNAP_peak_-_398	RTS_R4_-_356	1288373;1288400	pORF_-_1287005	purU-ychJ
MU-2027	1289125	1289325	RNAP_peak_-_399	RTS_R4_-_357	1289388		NT
MU-2028	1291725	1292150	RNAP_peak_-_400	RTS_R4_-_358	1292153;1292181	pORF_-_1291732	hns
MU-2029	1293649	1294545					insZ
MU-2030	1294475	1297475	RNAP_peak_-_401	RTS_R4_-_359	1297361;1297367;1297374;1297392;1297440;1297477	pORF_-_1294669	adhE
MU-2031	1304851	1306676	RNAP_peak_-_402	RTS_R4_-_360	1306680;1306697	pORF_-_1304845;pORF_-_1305209	yciU-cls
MU-2032	1307026	1308526	RNAP_peak_-_403	RTS_R4_-_361	1308374;1308579	pORF_-_1307040	kch
MU-2033	1308626	1308901	RNAP_peak_-_404	RTS_R4_-_362	1308916	pORF_-_1308593	yciI
MU-2034	1309876	1310276	RNAP_peak_-_405	RTS_R4_-_363	1310298	pORF_-_1309872	yciA
MU-2035	1310376	1311701	RNAP_peak_-_406	RTS_R4_-_364	1311720		yciB-yciC
MU-2036	1312776	1314076	RNAP_peak_-_407	RTS_R4_-_365	1314116	pORF_-_1312742;pORF_-_1313294;pORF_-_1313880	yciE-yciF-yciG
MU-2037	1314402	1318177	RNAP_peak_-_408	RTS_R4_-_366	1317986;1318200	pORF_-_1314440;pORF_-_1315246;pORF_-_1316451	trpA-trpB-trpC
MU-2038	1318202	1321102	RNAP_peak_-_409	RTS_R4_-_367	1321132	pORF_-_1317813;pORF_-_1319408	trpD-trpE-trpL
MU-2039	1325702	1327227	RNAP_peak_-_410	RTS_R4_-_368	1327190	pORF_-_1325791;pORF_-_1326378	btuR-yciK
MU-2040	1328502	1328752	RNAP_peak_-_411	RTS_R4_-_369	1328711;1328719;1328738	pORF_-_1328441	yciN
MU-2041	1336613	1337188	RNAP_peak_-_412	RTS_R4_-_370	1337214	pORF_-_1336594	ribA
MU-2042	1341038	1341463	RNAP_peak_-_413	RTS_R4_-_371	1341392;1341449	pORF_-_1341134	osmB
MU-2043	1341738	1342388	RNAP_peak_-_414	RTS_R4_-_372	1342411	pORF_-_1341621	yciT
MU-2044	1342413	1342663	RNAP_peak_-_415	RTS_R4_-_373	1342663	pORF_-_1342460	yciZ
MU-2045	1342813	1344838	RNAP_peak_-_416	RTS_R4_-_374	1344866		gmr
MU-2046	1345013	1347138	RNAP_peak_-_417	RTS_R4_-_375	1346965;1347152	pORF_-_1345002	rnb
MU-2047	1347163	1348213		RTS_R4_-_376		pORF_-_1347004	yciW
MU-2048	1348313	1349113	RNAP_peak_-_418	RTS_R4_-_377	1349112;1349118;1349127;1349144	pORF_-_1348275	fabI
MU-2049	1349365	1354140	RNAP_peak_-_419	RTS_R4_-_378	1354010;1354061;1354111	pORF_-_1349852;pORF_-_1350660;pORF_-_1352529	ycjD-sapF-sapD-sapC-sapB
MU-2050	1354190	1355365	RNAP_peak_-_420	RTS_R4_-_379	1355205;1355443	pORF_-_1353491	sapA
MU-2051	1355390	1355715	RNAP_peak_-_421	RTS_R4_-_380	1355723	pORF_-_1355447	ymjA
MU-2052	1355815	1358965	RNAP_peak_-_422	RTS_R4_-_381	1358991	pORF_-_1355826;pORF_-_1357514	puuP-puuA
MU-2053	1365290	1365915	RNAP_peak_-_423	RTS_R4_-_382	1365969	pORF_-_1364959	pspF
MU-2054	1381216	1381991	RNAP_peak_-_424	RTS_R4_-_383	1382013		ycjW
MU-2055	1386266	1386841	RNAP_peak_-_425	RTS_R4_-_384	1386860;1386868	pORF_-_1386329	tpx
MU-2056	1387791	1388766	RNAP_peak_-_426	RTS_R4_-_385	1388647	pORF_-_1387894	mpaA
MU-2057	1389091	1389866	RNAP_peak_-_427	RTS_R4_-_386	1389911;1389918		ymjC-ycjY
MU-2058	1392941	1393966	RNAP_peak_-_428	RTS_R4_-_387	1393949	pORF_-_1392915	ynaI
MU-2059	1395691	1396716	RNAP_peak_-_429	RTS_R4_-_388	1396683	pORF_-_1395696	uspE
MU-2060	1396791	1397666	RNAP_peak_-_430	RTS_R4_-_389	1397563;1397576	pORF_-_1396798	fnr
MU-2061	1397767	1398267	RNAP_peak_-_431	RTS_R4_-_390	1398309		ogt
MU-2062	1398867	1402592		RTS_R4_-_391	1402613;1402707		abgT-abgB-abgA

MU-2063	1403717	1403792	RNAP_peak_-_432	RTS_R4_-_392	1403829		isrA
MU-2064	1404392	1405917	RNAP_peak_-_433	RTS_R4_-_393	1405893	pORF_-_1404587	ydaM
MU-2065	1407317	1407417	RNAP_peak_-_434	RTS_R4_-_394	1407453		NT
MU-2066	1408867	1410443	RNAP_peak_-_435	RTS_R4_-_395	1410148;1410184	pORF_-_1409037	ttcA
MU-2067	1411468	1415118	RNAP_peak_-_436	RTS_R4_-_396	1415056	pORF_-_1412810	intR-ydaQ-ydaC-lar-recT-recE
MU-2068	1415512	1415787	RNAP_peak_-_437				racC
MU-2069	1415862	1416253	RNAP_peak_-_438				ydaE-kilR
MU-2070	1417180	1417480	RNAP_peak_-_439				ydaF-ydaG
MU-2071	1417743	1418243	RNAP_peak_-_440	RTS_R4_-_397	1418265	pORF_-_1417789	racR
MU-2072	1421436	1421686	RNAP_peak_-_441	RTS_R4_-_398	1421757		NT
MU-2073	1424887	1425012	RNAP_peak_-_442	RTS_R4_-_399	1424997		NT
MU-2074	1425787	1426762	RNAP_peak_-_443	RTS_R4_-_400	1426777	pORF_-_1425770	insH
MU-2075	1431108	1431698	RNAP_peak_-_444			pORF_-_1431108	pinR
MU-2076	1432163	1432588	RNAP_peak_-_445	RTS_R4_-_401	1432557		ynaE
MU-2077	1432982	1433032	RNAP_peak_-_446				ttcC
MU-2078	1433138	1433688	RNAP_peak_-_447	RTS_R4_-_402	1433665;1433735	pORF_-_1433209	uspF
MU-2079	1433784	1434917	RNAP_peak_-_448			pORF_-_1433784	ompN
MU-2080	1435288	1438838	RNAP_peak_-_449	RTS_R4_-_403	1438869	pORF_-_1435284	ydbK
MU-2081	1439188	1439763	RNAP_peak_-_450	RTS_R4_-_404	1439801	pORF_-_1439345	hslJ
MU-2082	1439838	1440888	RNAP_peak_-_451	RTS_R4_-_405	1440902;1440913;1440942	pORF_-_1439878	ldhA
MU-2083	1440913	1441513		RTS_R4_-_406	1441359		NT
MU-2084	1444513	1445313	RNAP_peak_-_452	RTS_R4_-_407	1445332		feaR
MU-2085	1447538	1451563		RTS_R4_-_408	1451735	pORF_-_1449621	tynA-maoC
MU-2086	1465963	1467338	RNAP_peak_-_453	RTS_R4_-_409			insD-insC
MU-2087	1480297	1480897	RNAP_peak_-_454	RTS_R4_-_410	1480928	pORF_-_1480279	azoR
MU-2088	1487742	1488867	RNAP_peak_-_455	RTS_R4_-_411	1488776	pORF_-_1487985;pORF_-_1488621	gapC
MU-2089	1489467	1489530	RNAP_peak_-_456		1489529		rydC
MU-2090	1489892	1490217	RNAP_peak_-_457	RTS_R4_-_412	1490241;1490328		hokB-mokB
MU-2091	1492092	1493142	RNAP_peak_-_458	RTS_R4_-_413	1493095;1493140	pORF_-_1492172	ydcI
MU-2092	1497302	1498502	RNAP_peak_-_459	RTS_R4_-_414	1498495		ydcK
MU-2093	1501167	1501658	RNAP_peak_-_460				yncK
MU-2094	1503005	1504382	RNAP_peak_-_461	RTS_R4_-_415	1504416		ydcO
MU-2095	1506382	1507107	RNAP_peak_-_462	RTS_R4_-_416	1507112		yncJ
MU-2096	1514950	1515325	RNAP_peak_-_463	RTS_R4_-_417	1515242;1515272		yncL
MU-2097	1515875	1516875	RNAP_peak_-_464	RTS_R4_-_418	1516888;1516897		ydcZ-yncA
MU-2098	1518900	1521100	RNAP_peak_-_465	RTS_R4_-_419	1521181	pORF_-_1518987	yncD
MU-2099	1522600	1524000	RNAP_peak_-_466	RTS_R4_-_420	1524030	pORF_-_1522505	ansP
MU-2100	1531381	1531881	RNAP_peak_-_467	RTS_R4_-_421	1531895;1531900	pORF_-_1531306	yddH
MU-2101	1532906	1533881	RNAP_peak_-_468	RTS_R4_-_422	1533900	pORF_-_1532989	yddE
MU-2102	1534331	1542131	RNAP_peak_-_469	RTS_R4_-_423	1542127	pORF_-_1534638;pORF_-_1536874	narV-narW-narY-narZ-narU
MU-2103	1542408	1544052	RNAP_peak_-_470			pORF_-_1542782;pORF_-_1543762	yddJ-yddK-yddL
MU-2104	1544567	1545192	RNAP_peak_-_471	RTS_R4_-_424	1545227		yddG
MU-2105	1550067	1550717	RNAP_peak_-_472	RTS_R4_-_425	1550736	pORF_-_1550422	yddM

MU-2106	1550767	1551892	RNAP_peak_-_473	RTS_R4_-_426	1551862;1551892	pORF_-_1550852	adhP
MU-2107	1551992	1553742	RNAP_peak_-_474	RTS_R4_-_427	1553716;1553726	pORF_-_1551996	maeA
MU-2108	1553842	1554117	RNAP_peak_-_475	RTS_R4_-_428	1554071	pORF_-_1553850	sra
MU-2109	1554167	1554342	RNAP_peak_-_476	RTS_R4_-_429	1554479		bdm
MU-2110	1554917	1561117	RNAP_peak_-_477	RTS_R4_-_430	1561168	pORF_-_1556055;pORF_-_1558955	ddpF-ddpD-ddpC-ddpB-ddpA-ddpX
MU-2111	1561467	1565292	RNAP_peak_-_478	RTS_R4_-_431	1565236;1565318	pORF_-_1563782	dos-yddV
MU-2112	1565467	1566843	RNAP_peak_-_479	RTS_R4_-_432	1567038		yddW
MU-2113	1566993	1568710	RNAP_peak_-_480	RTS_R4_-_433	1568587	pORF_-_1566978	gadC
MU-2114	1568735	1570060	RNAP_peak_-_481	RTS_R4_-_434	1570097	pORF_-_1568669	gadB
MU-2115	1570585	1572910	RNAP_peak_-_482	RTS_R4_-_435		pORF_-_1570431	pqqL
MU-2116	1573271	1577366	RNAP_peak_-_483			pORF_-_1573271	yddB-yddA
MU-2117	1577657	1580548	RNAP_peak_-_484			pORF_-_1578866	ydeM-ydeN
MU-2118	1580950	1581983	RNAP_peak_-_485				ydeO-yneN
MU-2119	1582487	1584587	RNAP_peak_-_486	RTS_R4_-_436	1584688	pORF_-_1582231	ydeP
MU-2120	1584844	1585758	RNAP_peak_-_487				ydeQ
MU-2121	1585962	1586737	RNAP_peak_-_488	RTS_R4_-_437	1586568		ydeR-ydeS
MU-2122	1587037	1588012	RNAP_peak_-_489	RTS_R4_-_438	1588058		ydeT
MU-2123	1588512	1590487	RNAP_peak_-_490	RTS_R4_-_439	1590504	pORF_-_1588878	yneL-hipA-hipB
MU-2124	1590787	1596537	RNAP_peak_-_491	RTS_R4_-_440	1596621	pORF_-_1592133	ydeU-ydeK
MU-2125	1596812	1599412		RTS_R4_-_441	1599295	pORF_-_1596641;pORF_-_1598312	lsrK-lsrR
MU-2126	1606137	1607037	RNAP_peak_-_492	RTS_R4_-_442	1607069;1607122		yneE
MU-2127	1607362	1609887	RNAP_peak_-_493	RTS_R4_-_443	1610053	pORF_-_1607253	uxaB-yneF
MU-2128	1609962	1611337	RNAP_peak_-_494	RTS_R4_-_444	1611305	pORF_-_1610349	yneG-yneH
MU-2129	1611412	1612837	RNAP_peak_-_495	RTS_R4_-_445	1612751	pORF_-_1611339	sad
MU-2130	1616312	1616937	RNAP_peak_-_496	RTS_R4_-_446	1616924		marC
MU-2131	1617937	1619162	RNAP_peak_-_497	RTS_R4_-_447	1619191		eamA
MU-2132	1619312	1619662	RNAP_peak_-_498	RTS_R4_-_448	1619702		NT
MU-2133	1620862	1621887	RNAP_peak_-_499	RTS_R4_-_449	1621901		ydeH
MU-2134	1622012	1622512	RNAP_peak_-_500	RTS_R4_-_450	1622540	pORF_-_1622129	ydeI
MU-2135	1623212	1625412	RNAP_peak_-_501	RTS_R4_-_451	1625428	pORF_-_1623359	dcp
MU-2136	1627462	1630137	RNAP_peak_-_502	RTS_R4_-_452			ydfI-ydfJ
MU-2137	1631712	1632262	RNAP_peak_-_503	RTS_R4_-_453			NT
MU-2138	1632387	1634437		RTS_R4_-_454	1634425;1634515		tfaQ-ydfN-nohA
MU-2139	1634799	1635099	RNAP_peak_-_504	RTS_R4_-_455			NT
MU-2140	1635574	1635861	RNAP_peak_-_505	RTS_R4_-_456	1635851;1635870	pORF_-_1635633	gnsB
MU-2141	1635978	1636133	RNAP_peak_-_506				ynfN
MU-2142	1636479	1636691	RNAP_peak_-_507		1636836	pORF_-_1636479	cspI
MU-2143	1637054	1638609	RNAP_peak_-_508		1638778	pORF_-_1637054	ydfP-arrQ-ydfR-essQ
MU-2144	1639337	1639712	RNAP_peak_-_509	RTS_R4_-_457	1639516	pORF_-_1639363	cspB
MU-2145	1640513	1642226	RNAP_peak_-_510		1642531		quuQ-ydfU
MU-2146	1642737	1642887	RNAP_peak_-_511	RTS_R4_-_458			rem
MU-2147	1643012	1643890	RNAP_peak_-_512	RTS_R4_-_459	1643925	pORF_-_1643657	hokD-relE-relB
MU-2148	1644040	1644215	RNAP_peak_-_513	RTS_R4_-_460	1644207		NT
MU-2149	1644815	1645115	RNAP_peak_-_514	RTS_R4_-_461	1645143		NT

MU-2150	1645146	1645874	RNAP_peak_-_515				ydfW-ydfX-dicC
MU-2151	1649265	1649565	RNAP_peak_-_516	RTS_R4_-_462			NT
MU-2152	1650779	1650862	RNAP_peak_-_517				ydfJ
MU-2153	1650920	1653165	RNAP_peak_-_518			pORF_-_1650920	rspB-rspA
MU-2154	1653420	1653670	RNAP_peak_-_519	RTS_R4_-_463	1653729		ynfA
MU-2155	1654295	1655470	RNAP_peak_-_520	RTS_R4_-_464	1655507		ynfC
MU-2156	1664395	1665270	RNAP_peak_-_521	RTS_R4_-_465	1665277;1665281;1665398	pORF_-_1664548	ynfK
MU-2157	1665420	1666595	RNAP_peak_-_522	RTS_R4_-_466	1666625		dgsA
MU-2158	1666795	1667570	RNAP_peak_-_523	RTS_R4_-_467	1667696;1667714		ynfL
MU-2159	1668845	1669145	RNAP_peak_-_524	RTS_R4_-_468	1669157		NT
MU-2160	1669370	1669920	RNAP_peak_-_525	RTS_R4_-_469	1669894		NT
MU-2161	1670670	1671770	RNAP_peak_-_526	RTS_R4_-_470	1671802		mdtI-mdtJ
MU-2162	1672745	1676245	RNAP_peak_-_527	RTS_R4_-_471	1675955;1676006;1676021;1676026;1676038	pORF_-_1672996;pORF_-_1674395	pntB-pntA
MU-2163	1679395	1680070	RNAP_peak_-_528	RTS_R4_-_472	1680084;1680170		ydgC
MU-2164	1682695	1682770		RTS_R4_-_473	1682812		NT
MU-2165	1683045	1684645		RTS_R4_-_474		pORF_-_1683209	fumC
MU-2166	1684770	1686570	RNAP_peak_-_529	RTS_R4_-_475	1686432;1686465	pORF_-_1684755	fumA
MU-2167	1689670	1694095	RNAP_peak_-_530	RTS_R4_-_476	1694118		uidC-uidB-uidA
MU-2168	1694470	1695170	RNAP_peak_-_531	RTS_R4_-_477	1695100	pORF_-_1694486	uidR
MU-2169	1695220	1696121	RNAP_peak_-_532	RTS_R4_-_478	1696092;1696124;1696131;1696146	pORF_-_1695297	hdhA
MU-2170	1696246	1697271	RNAP_peak_-_533	RTS_R4_-_479	1697265		malI
MU-2171	1701246	1702346	RNAP_peak_-_534	RTS_R4_-_480	1702355	pORF_-_1701292	ydgJ
MU-2172	1710271	1710796	RNAP_peak_-_535	RTS_R4_-_481	1710806		NT
MU-2173	1713096	1713921	RNAP_peak_-_536	RTS_R4_-_482	1713968;1713997	pORF_-_1713050	pdxY
MU-2174	1713971	1715296	RNAP_peak_-_537	RTS_R4_-_483	1715311	pORF_-_1713972	tyrS
MU-2175	1715321	1716046	RNAP_peak_-_538	RTS_R4_-_484	1716058	pORF_-_1715375	pdxH
MU-2176	1716146	1716371	RNAP_peak_-_539	RTS_R4_-_485			ydhA
MU-2177	1716721	1717696	RNAP_peak_-_540	RTS_R4_-_486	1717654;1717806	pORF_-_1716517	anmK
MU-2178	1718421	1718971	RNAP_peak_-_541	RTS_R4_-_487	1718877;1718884;1718894	pORF_-_1718414	slyA
MU-2179	1720521	1721096	RNAP_peak_-_542	RTS_R4_-_488	1721100;1721114		NT
MU-2180	1721871	1722696	RNAP_peak_-_543	RTS_R4_-_489	1722703	pORF_-_1722158	sodC
MU-2181	1722721	1723721	RNAP_peak_-_544	RTS_R4_-_490	1723679	pORF_-_1722760	ydhF
MU-2182	1723796	1724021	RNAP_peak_-_545	RTS_R4_-_491	1723969		ydhL
MU-2183	1731765	1732315	RNAP_peak_-_546	RTS_R4_-_492	1732142;1732160;1732184;1732213;1732257;1732284	pORF_-_1731778	grxD
MU-2184	1734490	1735315	RNAP_peak_-_547	RTS_R4_-_493	1735360	pORF_-_1734145	ydhP
MU-2185	1735490	1735615	RNAP_peak_-_548	RTS_R4_-_494	1735601;1735607;1735639		ynhF
MU-2186	1736815	1737890	RNAP_peak_-_549	RTS_R4_-_495	1737837;1737851		ydhB
MU-2187	1740615	1741440	RNAP_peak_-_550	RTS_R4_-_496	1741299	pORF_-_1740625	ribC
MU-2188	1742490	1744390	RNAP_peak_-_551	RTS_R4_-_497	1744226	pORF_-_1742895	ydhQ
MU-2189	1747540	1752615	RNAP_peak_-_552	RTS_R4_-_498	1752725	pORF_-_1749752	ydhT-ydhU-ydhX-ydhW-ydhV-ydhY
MU-2190	1752990	1753165	RNAP_peak_-_553	RTS_R4_-_499	1753189	pORF_-_1752956	ydhZ
MU-2191	1755065	1755390	RNAP_peak_-_554	RTS_R4_-_500	1755409		NT

MU-2192	1755740	1756865	RNAP_peak_-_555	RTS_R4_-_501	1756883	pORF_-_1755745	ynhG
MU-2193	1756965	1762495	RNAP_peak_-_556	RTS_R4_-_502	1762442;1762523	pORF_-_1756898;pORF_-_1757327;pORF_-_1758544;pORF_-_1759790;pORF_-_1760546;pORF_-_1762042	sufE-sufS-sufD-sufC-sufB-sufA
MU-2194	1762745	1762920	RNAP_peak_-_557	RTS_R4_-_503			rydB
MU-2195	1762945	1763195	RNAP_peak_-_558	RTS_R4_-_504	1763170	pORF_-_1762958	ydiH
MU-2196	1763245	1766920	RNAP_peak_-_559	RTS_R4_-_505	1766940	pORF_-_1763246;pORF_-_1763653	ydiI-ydiJ
MU-2197	1776220	1777370	RNAP_peak_-_560	RTS_R4_-_506	1777365		ydiP
MU-2198	1782772	1785147	RNAP_peak_-_561	RTS_R4_-_507	1785185	pORF_-_1782758	pps
MU-2199	1787272	1789247	RNAP_peak_-_562	RTS_R4_-_508	1789278	pORF_-_1787832	ydiU
MU-2200	1789422	1790172	RNAP_peak_-_563	RTS_R4_-_509	1790123;1790180;1790215		ydiV
MU-2201	1790272	1790822	RNAP_peak_-_564	RTS_R4_-_510	1790784		nlpC
MU-2202	1790847	1792272	RNAP_peak_-_565	RTS_R4_-_511	1792219	pORF_-_1790833;pORF_-_1791582	btuD-btuE
MU-2203	1792297	1793172	RNAP_peak_-_566	RTS_R4_-_512	1793201		btuC
MU-2204	1793272	1793672	RNAP_peak_-_567	RTS_R4_-_513	1793744;1793791	pORF_-_1793277	ihfA
MU-2205	1793697	1797272	RNAP_peak_-_568	RTS_R4_-_514	1797159;1797217;1797274;1797327	pORF_-_1793581;pORF_-_1795983	pheT-pheS-pheM
MU-2206	1797347	1797772	RNAP_peak_-_569	RTS_R4_-_515	1797807;1798841	pORF_-_1797417	rpIT
MU-2207	1797797	1798072	RNAP_peak_-_570	RTS_R4_-_516	1798126;1798135;1798300;1798314;1798355	pORF_-_1797826	rpmI
MU-2208	1798097	1798697	RNAP_peak_-_571	RTS_R4_-_517	1798394	pORF_-_1798120	infC
MU-2209	1798722	1800797	RNAP_peak_-_572	RTS_R4_-_518	1800756	pORF_-_1798666	thrS
MU-2210	1803397	1804172	RNAP_peak_-_573	RTS_R4_-_519	1804192	pORF_-_1803349	ydiY
MU-2211	1806422	1807347	RNAP_peak_-_574	RTS_R4_-_520	1807286;1807374	pORF_-_1806721	yniB
MU-2212	1810353	1811168	RNAP_peak_-_575				ydjO
MU-2213	1811554	1811679	RNAP_peak_-_576	RTS_R4_-_521	1811716		cedA
MU-2214	1814179	1815354	RNAP_peak_-_577	RTS_R4_-_522	1815394		chbG
MU-2215	1815554	1819735	RNAP_peak_-_578	RTS_R4_-_523	1819667;1819750	pORF_-_1817479;pORF_-_1817880;pORF_-_1819323	chbF-chbR-chbA-chbC-chbB
MU-2216	1819910	1820285	RNAP_peak_-_579	RTS_R4_-_524	1820301;1820307	pORF_-_1819942	osmE
MU-2217	1822535	1822960	RNAP_peak_-_580	RTS_R4_-_525	1823147		ves
MU-2218	1823110	1823735	RNAP_peak_-_581	RTS_R4_-_526	1823713;1823756	pORF_-_1823164	spy
MU-2219	1824085	1830010	RNAP_peak_-_582	RTS_R4_-_527	1830028	pORF_-_1824940;pORF_-_1826280;pORF_-_1827755;pORF_-_1828786	astE-astB-astD-astA-astC
MU-2220	1831185	1832185	RNAP_peak_-_583	RTS_R4_-_528	1832126		NT
MU-2221	1838860	1839435	RNAP_peak_-_584	RTS_R4_-_529	1839469		ynjF
MU-2222	1839860	1840210	RNAP_peak_-_585	RTS_R4_-_530	1840186		ynjH
MU-2223	1841910	1841960	RNAP_peak_-_586	RTS_R4_-_531	1842041		NT
MU-2224	1841855	1842895	RNAP_peak_-_587				ynjI
MU-2225	1843035	1846235	RNAP_peak_-_588	RTS_R4_-_532	1846054	pORF_-_1843023;pORF_-_1844989	topB-selD

MU-2226	1846260	1846710	RNAP_peak_-_589	RTS_R4_-_533	1846726	pORF_-_1846149	ydjA
MU-2227	1850645	1852003	RNAP_peak_-_590				ydjE
MU-2228	1852260	1852885	RNAP_peak_-_591	RTS_R4_-_534	1852910	pORF_-_1852120	ydjF
MU-2229	1853015	1859356	RNAP_peak_-_592			pORF_-_1853015;pORF_-_1854005;pORF_-_1858280	ydjG-ydjH-ydjI-ydjJ-ydjK-ydjL
MU-2230	1859660	1860460	RNAP_peak_-_593	RTS_R4_-_535	1860488	pORF_-_1859726;pORF_-_1860040	yeaC-msrB
MU-2231	1862810	1863685	RNAP_peak_-_594	RTS_R4_-_536	1863677		yeaE
MU-2232	1863735	1864643	RNAP_peak_-_595	RTS_R4_-_537	1864528	pORF_-_1863750	mipA
MU-2233	1872102	1872206					yoaI
MU-2234	1872793	1873593	RNAP_peak_-_596	RTS_R4_-_538	1873622;1873636		yeaM
MU-2235	1875193	1875543	RNAP_peak_-_597	RTS_R4_-_539	1875579;1875669		yoaF
MU-2236	1876893	1877293	RNAP_peak_-_598	RTS_R4_-_540	1877294;1877321		yeaQ
MU-2237	1877343	1877643	RNAP_peak_-_599	RTS_R4_-_541			yoaG-yeaR
MU-2238	1878168	1878793	RNAP_peak_-_600	RTS_R4_-_542		pORF_-_1878145	leuE
MU-2239	1878968	1879843	RNAP_peak_-_601	RTS_R4_-_543	1879872		yeaT
MU-2240	1884968	1886018	RNAP_peak_-_602	RTS_R4_-_544	1886087		rnd
MU-2241	1886041	1886126	RNAP_peak_-_603		1886158		sroD
MU-2242	1886068	1887918	RNAP_peak_-_604	RTS_R4_-_545	1887831	pORF_-_1886085	fadD
MU-2243	1888043	1888568	RNAP_peak_-_605	RTS_R4_-_546		pORF_-_1887975	yeaY
MU-2244	1888593	1889293	RNAP_peak_-_606	RTS_R4_-_547	1889319	pORF_-_1888596	yeaZ
MU-2245	1889368	1891243	RNAP_peak_-_607	RTS_R4_-_548	1891279		yoaA
MU-2246	1892493	1892843	RNAP_peak_-_608	RTS_R4_-_549	1892777	pORF_-_1892576	yoaH
MU-2247	1892893	1893520	RNAP_peak_-_609	RTS_R4_-_550	1893573		NT
MU-2248	1896370	1896470	RNAP_peak_-_610	RTS_R4_-_551	1896478		NT
MU-2249	1898070	1899770	RNAP_peak_-_611	RTS_R4_-_552	1899796	pORF_-_1898053	yoaE
MU-2250	1904370	1905145	RNAP_peak_-_612	RTS_R4_-_553	1905108	pORF_-_1904275	rrmA
MU-2251	1905195	1905795	RNAP_peak_-_613	RTS_R4_-_554	1905623;1905642	pORF_-_1905250	cspC-yobF
MU-2252	1906195	1906795	RNAP_peak_-_614	RTS_R4_-_555	1906816		yebO-mgrB
MU-2253	1907070	1908245	RNAP_peak_-_615	RTS_R4_-_556	1908154;1908162	pORF_-_1907332	kdgR
MU-2254	1909720	1910745	RNAP_peak_-_616	RTS_R4_-_557	1910628;1910642	pORF_-_1909719	htpX
MU-2255	1910795	1913720	RNAP_peak_-_617	RTS_R4_-_558	1913679	pORF_-_1910792;pORF_-_1912860	prc-proQ
MU-2256	1913745	1914170	RNAP_peak_-_618	RTS_R4_-_559	1914138;1914188	pORF_-_1913655	yebR
MU-2257	1920121	1921046	RNAP_peak_-_619	RTS_R4_-_560			pphA
MU-2258	1921121	1921246	RNAP_peak_-_620	RTS_R4_-_561			ryeB
MU-2259	1921421	1922996	RNAP_peak_-_621	RTS_R4_-_562	1923017	pORF_-_1921389;pORF_-_1922619	yebY-yebZ-yobA
MU-2260	1923046	1923321	RNAP_peak_-_622	RTS_R4_-_563	1923331		NT
MU-2261	1924971	1926921	RNAP_peak_-_623	RTS_R4_-_564	1926889		ptrB
MU-2262	1927096	1927721	RNAP_peak_-_624	RTS_R4_-_565	1927758	pORF_-_1927072	yebE
MU-2263	1927846	1928421	RNAP_peak_-_625	RTS_R4_-_566	1928440	pORF_-_1928058	yebF
MU-2264	1928446	1928771	RNAP_peak_-_626	RTS_R4_-_567	1928790	pORF_-_1928481	yebG
MU-2265	1930146	1931121	RNAP_peak_-_627	RTS_R4_-_568	1930807;1930823;1931066	pORF_-_1930139	eda
MU-2266	1931171	1932671	RNAP_peak_-_628	RTS_R4_-_569	1932737	pORF_-_1930817	edd

MU-2267	1932896	1934499	RNAP_peak_-_629	RTS_R4_-_570	1934383;1934391;1934398;1934491	pORF_-_1932863	zwf
MU-2268	1937274	1938249	RNAP_peak_-_630	RTS_R4_-_571	1938245;1938252	pORF_-_1937246	lpxM
MU-2269	1938349	1940624	RNAP_peak_-_631	RTS_R4_-_572	1940621;1940637	pORF_-_1938337;pORF_-_1939675	yebA-znuA
MU-2270	1942374	1944099	RNAP_peak_-_632	RTS_R4_-_573	1944032;1944149	pORF_-_1942370;pORF_-_1943389	ruvB-ruvA
MU-2271	1944724	1945274	RNAP_peak_-_633	RTS_R4_-_574		pORF_-_1944879	ruvC
MU-2272	1945324	1948824	RNAP_peak_-_634	RTS_R4_-_575	1948641	pORF_-_1945435;pORF_-_1946774	yebC-nudB-aspS
MU-2273	1952624	1955399		RTS_R4_-_576		pORF_-_1952602	torZ-torY
MU-2274	1956499	1957924	RNAP_peak_-_635	RTS_R4_-_577	1957896	pORF_-_1956544;pORF_-_1957304	cutC-yecM
MU-2275	1961274	1970699	RNAP_peak_-_636	RTS_R4_-_578	1970739	pORF_-_1960996;pORF_-_1964417;pORF_-_1965072;pORF_-_1965476;pORF_-_1967407;pORF_-_1969054	flhE-flhA-flhB-cheZ-cheY-cheB-cheR-tap-tar
MU-2276	1972574	1975149	RNAP_peak_-_637	RTS_R4_-_579	1975324	pORF_-_1971384;pORF_-_1973353;pORF_-_1974276	cheW-cheA-motB-motA
MU-2277	1975224	1976474	RNAP_peak_-_638	RTS_R4_-_580	1976303;1976309	pORF_-_1975871	flhC-flhD
MU-2278	1976549	1977274	RNAP_peak_-_639	RTS_R4_-_581			insB-insA
MU-2279	1978049	1979699	RNAP_peak_-_640	RTS_R4_-_582	1979674	pORF_-_1978212	otsA
MU-2280	1979724	1980449	RNAP_peak_-_641	RTS_R4_-_583	1980464	pORF_-_1979611	otsB
MU-2281	1980549	1982049	RNAP_peak_-_642	RTS_R4_-_584		pORF_-_1980578	araH
MU-2282	1982074	1984202	RNAP_peak_-_643	RTS_R4_-_585		pORF_-_1983163	araG-araF
MU-2283	1985552	1985852	RNAP_peak_-_644	RTS_R4_-_586	1985809	pORF_-_1985531	yecJ
MU-2284	1985902	1986027	RNAP_peak_-_645	RTS_R4_-_587	1986026		isrB
MU-2285	1987277	1987502	RNAP_peak_-_646	RTS_R4_-_588	1987525	pORF_-_1987275	yecH
MU-2286	1988727	1989752	RNAP_peak_-_647	RTS_R4_-_589	1989673	pORF_-_1988978	yecA
MU-2287	1989802	1990077	RNAP_peak_-_648	RTS_R4_-_590	1990141		leuZ-cysT-glyW
MU-2288	1990102	1990852	RNAP_peak_-_649	RTS_R4_-_591	1990874		pgsA
MU-2289	1990977	1993403	RNAP_peak_-_650	RTS_R4_-_592	1993427;1993595	pORF_-_1990898;pORF_-_1992727	uvrC-uvrY
MU-2290	1994180	1994855	RNAP_peak_-_651	RTS_R4_-_593	1994917;1994934		sdiA
MU-2291	1995105	1996530	RNAP_peak_-_652	RTS_R4_-_594	1996664	pORF_-_1995086;pORF_-_1995835	yecC-yecS
MU-2292	1996555	1997555	RNAP_peak_-_653	RTS_R4_-_595	1997532	pORF_-_1996518	dcyD
MU-2293	1997580	1998580	RNAP_peak_-_654	RTS_R4_-_596	1998422;1998434;1998492	pORF_-_1997609	fliY
MU-2294	1998855	1999805	RNAP_peak_-_655	RTS_R4_-_597	1999843	pORF_-_1999094	fliZ-fliA
MU-2295	1999963	2001688	RNAP_peak_-_656	RTS_R4_-_598	2001653;2001699	pORF_-_2000134	fliC
MU-2296	2005698	2006198	RNAP_peak_-_657	RTS_R4_-_599	2006138	pORF_-_2005701	yedD
MU-2297	2009247	2010375	RNAP_peak_-_658				yedN
MU-2298	2010724	2011038	RNAP_peak_-_659			pORF_-_2010724	fliE
MU-2299	2022677	2023002	RNAP_peak_-_660	RTS_R4_-_600	2022868		dsrB
MU-2300	2023277	2023377	RNAP_peak_-_661	RTS_R4_-_601			dsrA

MU-2301	2024277	2026152	RNAP_peak_-_662	RTS_R4_-_602	2026237	pORF_-_2024347	yedQ
MU-2302	2026202	2027377	RNAP_peak_-_663	RTS_R4_-_603	2027413	pORF_-_2026473	yodC-yedI
MU-2303	2028377	2030327	RNAP_peak_-_664	RTS_R4_-_604	2030365	pORF_-_2028923	vsr-dcm
MU-2304	2030377	2031452	RNAP_peak_-_665	RTS_R4_-_605	2031465;2031494	pORF_-_2030408	yedJ-yedR
MU-2305	2034852	2036802	RNAP_peak_-_666	RTS_R4_-_606	2036840		yedV-yedW
MU-2306	2038577	2039327	RNAP_peak_-_667	RTS_R4_-_607	2039280		NT
MU-2307	2041462	2041564	RNAP_peak_-_668	RTS_R4_-_608	2041581		serU
MU-2308	2050339	2051589	RNAP_peak_-_669	RTS_R4_-_609	2051659		yeeL
MU-2309	2056055	2056105	RNAP_peak_-_670	RTS_R4_-_610	2056126		asnW
MU-2310	2056305	2057859	RNAP_peak_-_671	RTS_R4_-_611	2057871		yeeO
MU-2311	2057984	2058984	RNAP_peak_-_672	RTS_R4_-_612	2058964	pORF_-_2057988	cbl
MU-2312	2059009	2060009	RNAP_peak_-_673	RTS_R4_-_613	2060074		nac
MU-2313	2060409	2061359	RNAP_peak_-_674	RTS_R4_-_614	2061377	pORF_-_2060415	erfK
MU-2314	2061409	2063984	RNAP_peak_-_675	RTS_R4_-_615	2064019;2064031	pORF_-_2061412	cobT-cobS-cobU
MU-2315	2064109	2064109	RNAP_peak_-_676	RTS_R4_-_616			yeeH
MU-2316	2064209	2065459	RNAP_peak_-_677	RTS_R4_-_617	2065503	pORF_-_2064329	insH
MU-2317	2065509	2066484	RNAP_peak_-_678	RTS_R4_-_618	2066314;2066507		yoeG-yoeH
MU-2318	2066759	2068209	RNAP_peak_-_679	RTS_R4_-_619	2068377		insD-insC
MU-2319	2072411	2072736	RNAP_peak_-_680	RTS_R4_-_620	2072764		NT
MU-2320	2075861	2075986	RNAP_peak_-_681	RTS_R4_-_621	2076010		NT
MU-2321	2076573	2076701					yoeD
MU-2322	2077061	2077586	RNAP_peak_-_682	RTS_R4_-_622	2077410;2077416;2077428;2077440;2077492;2077541	pORF_-_2077056	yeeX
MU-2323	2077611	2079336	RNAP_peak_-_683	RTS_R4_-_623	2079301;2079343;2079350	pORF_-_2078813	yeeA-sbmC
MU-2324	2079411	2080286	RNAP_peak_-_684	RTS_R4_-_624		pORF_-_2079405	dacD
MU-2325	2082261	2083536	RNAP_peak_-_685	RTS_R4_-_625	2083525;2083552;2083576	pORF_-_2082250	yeeD-yeeE
MU-2326	2083736	2085286	RNAP_peak_-_686	RTS_R4_-_626	2085346	pORF_-_2083728	yeeF
MU-2327	2085311	2087186	RNAP_peak_-_687	RTS_R4_-_627	2087176	pORF_-_2086328	yeeY-yeeZ
MU-2328	2087236	2087861	RNAP_peak_-_688	RTS_R4_-_628	2087755	pORF_-_2087486	yoeB-yefM
MU-2329	2095236	2096397	RNAP_peak_-_689	RTS_R4_-_629	2096336;2096346;2096355	pORF_-_2095345	cld
MU-2330	2096497	2097722	RNAP_peak_-_690	RTS_R4_-_630	2097696		ugd
MU-2331	2097872	2099272	RNAP_peak_-_691	RTS_R4_-_631	2099348;2099381	pORF_-_2097886	gnd
MU-2332	2099297	2099722	RNAP_peak_-_692	RTS_R4_-_632		pORF_-_2100940	wbbL
MU-2333	2099772	2100822	RNAP_peak_-_693	RTS_R4_-_633	2100996;2101009	pORF_-_2099919	insH
MU-2334	2100847	2103222	RNAP_peak_-_694	RTS_R4_-_634	2103361	pORF_-_2100940;pORF_-_2101415;pORF_-_2102518	wbbL-wbbK-wbbJ
MU-2335	2103247	2106408	RNAP_peak_-_695	RTS_R4_-_635	2106453;2106482;2106493;2106518	pORF_-_2103089;pORF_-_2105250	wbbI-rfc-glf
MU-2336	2106458	2107883	RNAP_peak_-_696	RTS_R4_-_636	2107775;2107921;2107951		rfbX
MU-2337	2107908	2109260	RNAP_peak_-_697	RTS_R4_-_637	2109097;2109105;2109125	pORF_-_2107605;pORF_-_2108162	rfbC-rfbA
MU-2338	2109285	2111360	RNAP_peak_-_698	RTS_R4_-_638	2111256	pORF_-_2109101;pORF_-_2110000	rfbD-rfbB
MU-2339	2111410	2112610	RNAP_peak_-_699	RTS_R4_-_639	2112375;2112440	pORF_-_2111458	galF
MU-2340	2112526	2116428				pORF_-_2113931	wcaM-wcaL-wcaK

MU-2341	2116704	2135267	RNAP_peak_-_700			pORF_-_2119633;pORF_-_2121108;pORF_-_2125217;pORF_-_2126928;pORF_-_2130091	wzxC-wcaJ-cpsG-cpsB-wcaI-gmm-fcl-gmd-wcaF-wcaE-wcaD-wcaC-wcaB-wcaA-wzc-wzb-wza
MU-2342	2137791	2140266	RNAP_peak_-_701	RTS_R4_-_640	2140303	pORF_-_2137783;pORF_-_2139658	asmA-dcd
MU-2343	2140291	2140991	RNAP_peak_-_702	RTS_R4_-_641	2141004;2141028	pORF_-_2140331	udk
MU-2344	2144716	2145666	RNAP_peak_-_703	RTS_R4_-_642	2145583		alkA
MU-2345	2147166	2148916	RNAP_peak_-_704	RTS_R4_-_643	2149011;2149067		yegI
MU-2346	2149735	2151152	RNAP_peak_-_705				yegK-yegL
MU-2347	2165341	2165541	RNAP_peak_-_706	RTS_R4_-_644	2165572		ogrK
MU-2348	2165626	2166330	RNAP_peak_-_707			pORF_-_2166013	yegZ-yegR
MU-2349	2167441	2168341	RNAP_peak_-_708	RTS_R4_-_645			gatR
MU-2350	2169016	2169691	RNAP_peak_-_709	RTS_R4_-_646	2169773		gatR
MU-2351	2169716	2175241	RNAP_peak_-_710	RTS_R4_-_647	2175234;2175250;2175256	pORF_-_2169857;pORF_-_2170945;pORF_-_2172304;pORF_-_2172619;pORF_-_2173081;pORF_-_2174372	gatD-gatC-gatB-gatA-gatZ-gatY
MU-2352	2175391	2176641	RNAP_peak_-_711	RTS_R4_-_648	2176631;2176655	pORF_-_2175534	fbaB
MU-2353	2179991	2181016	RNAP_peak_-_712	RTS_R4_-_649	2180828	pORF_-_2180057	yegW
MU-2354	2181116	2183591	RNAP_peak_-_713	RTS_R4_-_650	2183456;2183473	pORF_-_2180855;pORF_-_2181738;pORF_-_2182535	yegX-thiD-thiM
MU-2355	2183641	2183816	RNAP_peak_-_714	RTS_R4_-_651	2183843	pORF_-_2183546	rcnR
MU-2356	2185416	2190216	RNAP_peak_-_715	RTS_R4_-_652	2190296	pORF_-_2188948	yehA-yehB-yehC-yehD
MU-2357	2190516	2190866	RNAP_peak_-_716	RTS_R4_-_653	2190865		yehE
MU-2358	2191116	2192191	RNAP_peak_-_717	RTS_R4_-_654	2192222	pORF_-_2191081	mrp
MU-2359	2208866	2209191	RNAP_peak_-_718	RTS_R4_-_655	2209224		NT
MU-2360	2209866	2210291	RNAP_peak_-_719	RTS_R4_-_656	2210248		yehS
MU-2361	2210366	2212643	RNAP_peak_-_720	RTS_R4_-_657	2212693	pORF_-_2210265	yehT-yehU
MU-2362	2213718	2217668	RNAP_peak_-_721	RTS_R4_-_658	2217545	pORF_-_2214503;pORF_-_2215422;pORF_-_2216586	yehW-yehX-yehY-osmF
MU-2363	2217718	2220043	RNAP_peak_-_722	RTS_R4_-_659	2220064	pORF_-_2217714	bglX
MU-2364	2221843	2222993	RNAP_peak_-_723	RTS_R4_-_660	2222949	pORF_-_2221960	pbpG
MU-2365	2223043	2223668	RNAP_peak_-_724	RTS_R4_-_661	2223673;2223686	pORF_-_2223066	yohC
MU-2366	2224518	2225293	RNAP_peak_-_725	RTS_R4_-_662	2225320	pORF_-_2224531	yohF
MU-2367	2225345	2226780	RNAP_peak_-_726				mdtQ
MU-2368	2227268	2228393	RNAP_peak_-_727	RTS_R4_-_663	2228423;2228429		dusC
MU-2369	2234571	2236146	RNAP_peak_-_728	RTS_R4_-_664	2236029		mgIC
MU-2370	2236246	2238671	RNAP_peak_-_729	RTS_R4_-_665	2238475	pORF_-_2235791;pORF_-_2237372	mgIA-mglB
MU-2371	2238996	2241796	RNAP_peak_-_730	RTS_R4_-_666	2241821	pORF_-_2239832;pORF_-_2241006	galS-yeiB-foIE
MU-2372	2242671	2244946		RTS_R4_-_667	2244951	pORF_-_2242800	cirA
MU-2373	2245096	2246646	RNAP_peak_-_731	RTS_R4_-_668	2246582	pORF_-_2245085	lysP
MU-2374	2246746	2247696	RNAP_peak_-_732	RTS_R4_-_669	2247664	pORF_-_2246759	yeiE

MU-2375	2247746	2247921	RNAP_peak_-_733	RTS_R4_-_670	2247938		NT
MU-2376	2250917	2253208	RNAP_peak_-_734			pORF_-_2252267	nupX-rihB
MU-2377	2254107	2255357	RNAP_peak_-_735				yeiM
MU-2378	2255451	2257318	RNAP_peak_-_736			pORF_-_2255451	yeiN-yeiC
MU-2379	2257496	2261596	RNAP_peak_-_737	RTS_R4_-_671	2261616	pORF_-_2257741;pORF_-_2259449;pORF_-_2260387	fruA-fruK-fruB
MU-2380	2263063	2263317	RNAP_peak_-_738				yeiW
MU-2381	2275071	2276446	RNAP_peak_-_739	RTS_R4_-_672	2276298	pORF_-_2275915	yejG
MU-2382	2276621	2278546	RNAP_peak_-_740	RTS_R4_-_673	2278527;2278553;2278566	pORF_-_2277810	bcr-rsuA
MU-2383	2280897	2282072	RNAP_peak_-_741	RTS_R4_-_674	2281991;2282034	pORF_-_2280962	yejK
MU-2384	2284463	2286863	RNAP_peak_-_742	RTS_R4_-_675	2286797		yejO
MU-2385	2286938	2288113	RNAP_peak_-_743	RTS_R4_-_676	2288240	pORF_-_2287087	insH
MU-2384-1	2288136	2288202	RNAP_peak_-_744				yejO
MU-2386	2289663	2295938	RNAP_peak_-_745	RTS_R4_-_677	2295930	pORF_-_2289380;pORF_-_2295043	ccmH-ccmG-ccmF-ccmE-ccmD-ccmC-ccmB-ccmA
MU-2387	2296163	2300938	RNAP_peak_-_746	RTS_R4_-_678		pORF_-_2298289	napC-napB-napH-napG-napA-napD-napF
MU-2388	2302463	2304825	RNAP_peak_-_747	RTS_R4_-_679	2304826	pORF_-_2303130	mqo
MU-2389	2305050	2306825	RNAP_peak_-_748	RTS_R4_-_680	2306662	pORF_-_2304994	yojI
MU-2390	2307000	2308575	RNAP_peak_-_749	RTS_R4_-_681	2308429		alkB-ada
MU-2391	2308700	2311000	RNAP_peak_-_750	RTS_R4_-_682	2310826;2310858	pORF_-_2309668	apbE-ompC
MU-2392	2314775	2318100	RNAP_peak_-_751	RTS_R4_-_683	2318151	pORF_-_2315049	rcsC
MU-2393	2325389	2334666	RNAP_peak_-_752			pORF_-_2328321;pORF_-_2332358;pORF_-_2332978	yfaP-yfaQ-yfaS-yfaT-yfaA
MU-2394	2334825	2337450	RNAP_peak_-_753	RTS_R4_-_684	2337473;2337479	pORF_-_2334815	gyrA
MU-2395	2338575	2339925	RNAP_peak_-_754	RTS_R4_-_685	2340036	pORF_-_2338439	NT
MU-2396	2338439	2342191	RNAP_peak_-_755			pORF_-_2338439	yfaL
MU-2397	2342616	2342759	RNAP_peak_-_756		2342788		ypaB
MU-2398	2346875	2347500	RNAP_peak_-_757	RTS_R4_-_686	2347522		inaA
MU-2399	2347900	2350078		RTS_R4_-_687	2350000	pORF_-_2347957;pORF_-_2349038	glpQ-glpT
MU-2400	2356204	2360154		RTS_R4_-_688	2360256		yfaU-yfaV-yfaW-yfaX
MU-2401	2360479	2361679	RNAP_peak_-_758	RTS_R4_-_689	2361677	pORF_-_2360453	yfaY
MU-2402	2361879	2362304	RNAP_peak_-_759	RTS_R4_-_690	2362329;2362338	pORF_-_2361755	yfaZ
MU-2403	2363040	2363642	RNAP_peak_-_760			pORF_-_2363040	ais
MU-2404	2370879	2371554	RNAP_peak_-_761	RTS_R4_-_691	2371594	pORF_-_2371294	pmrD
MU-2405	2371654	2375004	RNAP_peak_-_762	RTS_R4_-_692	2374936	pORF_-_2371670;pORF_-_2373022;pORF_-_2373984	menE-menC-menB
MU-2406	2375129	2378679	RNAP_peak_-_763	RTS_R4_-_693	2378723	pORF_-_2375611;pORF_-_2377370	yfbB-menD-menF
MU-2407	2378704	2379154	RNAP_peak_-_764	RTS_R4_-_694	2379075	pORF_-_2378744	elaB
MU-2408	2379179	2379554	RNAP_peak_-_765	RTS_R4_-_695	2379587	pORF_-_2379104	elaA
MU-2409	2382530	2383755	RNAP_peak_-_766	RTS_R4_-_696	2383776;2383833		yfbK
MU-2410	2385732	2386448	RNAP_peak_-_767				yfbN

MU-2411	2387905	2403505	RNAP_peak_-_768	RTS_R4_-_697	2403158;2403180;2403201;2403219;2403397	pORF_-_2388070;pORF_-_2391227;pORF_-_2393065;pORF_-_2393364;pORF_-_2393930;pORF_-_2395461;pORF_-_2398240;pORF_-_2399574;pORF_-_2400077;pORF_-_2401973;pORF_-_2402651	nuoN-nuoM-nuoL-nuoK-nuoJ-nuoI-nuoH-nuoG-nuoF-nuoE-nuoC-nuoB-nuoA
MU-2412	2403697	2405097	RNAP_peak_-_769	RTS_R4_-_698	2404785;2405023;2405123	pORF_-_2403725	lrhA
MU-2413	2407547	2409372	RNAP_peak_-_770	RTS_R4_-_699	2409504		yfbS
MU-2414	2409472	2410647	RNAP_peak_-_771	RTS_R4_-_700	2410652;2410658;2410667	pORF_-_2409461;pORF_-_2410122	yfbT-yfbU
MU-2415	2410697	2411772	RNAP_peak_-_772	RTS_R4_-_701	2411591;2411704		yfbV
MU-2416	2416672	2417847	RNAP_peak_-_773	RTS_R4_-_702	2417830	pORF_-_2416656;pORF_-_2417256	yfcD-yfcE
MU-2417	2417897	2418547	RNAP_peak_-_774	RTS_R4_-_703	2418525;2418532	pORF_-_2417863	yfcF
MU-2418	2420672	2421297	RNAP_peak_-_775	RTS_R4_-_704		pORF_-_2420671	yfcI
MU-2419	2421497	2424897	RNAP_peak_-_776	RTS_R4_-_705	2424837;2424844;2424859	pORF_-_2421758;pORF_-_2423252;pORF_-_2424028	hisP-hisM-hisQ-hisJ
MU-2420	2424922	2425922	RNAP_peak_-_777	RTS_R4_-_706	2425901;2425959	pORF_-_2425031	argT
MU-2421	2426172	2428672	RNAP_peak_-_778	RTS_R4_-_707	2428847	pORF_-_2426709;pORF_-_2426743	ubiX-purF-cvpA
MU-2422	2428697	2429672	RNAP_peak_-_779	RTS_R4_-_708	2429694;2429833	pORF_-_2429044	dedD
MU-2423	2429697	2432122	RNAP_peak_-_780	RTS_R4_-_709	2431995;2432036	pORF_-_2429696;pORF_-_2431034	folC-accD
MU-2424	2432147	2433397	RNAP_peak_-_781	RTS_R4_-_710	2433217		dedA
MU-2425	2433422	2435247	RNAP_peak_-_782	RTS_R4_-_711	2435363	pORF_-_2432846;pORF_-_2433658	truA-usg
MU-2426	2435272	2435872	RNAP_peak_-_783	RTS_R4_-_712	2435905	pORF_-_2434737	pdxB
MU-2427	2436964	2438142	RNAP_peak_-_784				yfcJ
MU-2428	2438347	2439722	RNAP_peak_-_785	RTS_R4_-_713	2439663	pORF_-_2438407	fabB
MU-2429	2441747	2442447	RNAP_peak_-_786	RTS_R4_-_714	2442251;2442286	pORF_-_2441913	yfcL
MU-2430	2442472	2446473	RNAP_peak_-_787	RTS_R4_-_715	2446495	pORF_-_2443582;pORF_-_2444410;pORF_-_2445530	yfcM-yfcA-mepA-aroC-prmB
MU-2431	2447073	2448048	RNAP_peak_-_788	RTS_R4_-_716	2447951		NT
MU-2432	2452323	2452698	RNAP_peak_-_789	RTS_R4_-_717	2452762		NT
MU-2433	2447250	2453668	RNAP_peak_-_790				yfcO-yfcP-yfcQ-yfcR-yfcS-yfcU-yfcV
MU-2434	2454348	2454848	RNAP_peak_-_791	RTS_R4_-_718	2454827;2454938	pORF_-_2454349	sixA
MU-2435	2454898	2458500	RNAP_peak_-_792	RTS_R4_-_719	2458531	pORF_-_2455037;pORF_-_2457181;pORF_-_2457788	fadJ-fadI
MU-2436	2458675	2459250	RNAP_peak_-_793	RTS_R4_-_720	2459001	pORF_-_2458672	yfcZ
MU-2437	2462328	2463203	RNAP_peak_-_794	RTS_R4_-_721	2463106;2463157	pORF_-_2462274	vacJ
MU-2438	2468553	2468678	RNAP_peak_-_795	RTS_R4_-_722	2468671;2468686		NT

MU-2439	2469099	2471346	RNAP_peak_-_796				yfdK-yfdL-yfdM-yfdN-yfdO
MU-2440	2474803	2475628	RNAP_peak_-_797	RTS_R4_-_723	2475745		dsdC
MU-2441	2478660	2481361	RNAP_peak_-_798				emrY-emrK
MU-2442	2485679	2486379	RNAP_peak_-_799	RTS_R4_-_724	2486315		NT
MU-2443	2486045	2488208	RNAP_peak_-_800				yfdE-yfdV
MU-2444	2488278	2491276	RNAP_peak_-_801			pORF_-_2490026	oxc-frc
MU-2445	2491789	2492424	RNAP_peak_-_802			pORF_-_2491789	yfdX
MU-2446	2492854	2493329	RNAP_peak_-_803	RTS_R4_-_725	2493341		yfdY
MU-2447	2494216	2494651	RNAP_peak_-_804				tpke70
MU-2448	2495129	2496354	RNAP_peak_-_805	RTS_R4_-_726	2496467	pORF_-_2495079	yfdZ
MU-2449	2500012	2506264				pORF_-_2500012;pORF_-_2504669	fryA-ypdE-ypdF-fryC-fryB
MU-2450	2506554	2508054	RNAP_peak_-_806	RTS_R4_-_727	2507954	pORF_-_2506483	glk
MU-2451	2509479	2510854	RNAP_peak_-_807	RTS_R4_-_728	2510851;2510875	pORF_-_2509490	mntH
MU-2452	2513104	2516004	RNAP_peak_-_808	RTS_R4_-_729	2515900	pORF_-_2513665	yfeA
MU-2453	2516054	2516254	RNAP_peak_-_809	RTS_R4_-_730	2516263		alaX-alaW
MU-2454	2517329	2518779	RNAP_peak_-_810	RTS_R4_-_731	2518736;2518746;2518796	pORF_-_2517279	gltX
MU-2455	2519754	2520429	RNAP_peak_-_811	RTS_R4_-_732	2520518;2520527	pORF_-_2519615	xapR
MU-2456	2520751	2522900					xapB-xapA
MU-2457	2524481	2524806	RNAP_peak_-_812	RTS_R4_-_733			yfeR
MU-2458	2526156	2528231	RNAP_peak_-_813	RTS_R4_-_734	2528246	pORF_-_2526183	ypeB-ligA
MU-2459	2528256	2529281	RNAP_peak_-_814	RTS_R4_-_735	2529301	pORF_-_2528269	zipA
MU-2460	2534456	2535306	RNAP_peak_-_815	RTS_R4_-_736	2535298;2535305	pORF_-_2534408	pdxK
MU-2461	2536106	2541558	RNAP_peak_-_816	RTS_R4_-_737	2541580	pORF_-_2536694;pORF_-_2537739;pORF_-_2539701;pORF_-_2540534	cysM-cysA-cysW-cysU-cysP
MU-2462	2541710	2542660	RNAP_peak_-_817	RTS_R4_-_738	2542686	pORF_-_2541854	ucpA
MU-2463	2542960	2543635		RTS_R4_-_739			yfeT
MU-2464	2547485	2548785	RNAP_peak_-_818	RTS_R4_-_740	2548612;2548680	pORF_-_2547668	yfeX
MU-2465	2548810	2550160	RNAP_peak_-_819	RTS_R4_-_741	2550165;2550190;2550324	pORF_-_2548663;pORF_-_2549735	yfeY-yfeZ-ypeA
MU-2466	2552260	2556910	RNAP_peak_-_820	RTS_R4_-_742	2556832;2556852	pORF_-_2553763;pORF_-_2554432;pORF_-_2555340	eutR-eutK-eutL-eutC-eutB
MU-2467	2558985	2559061	RNAP_peak_-_821	RTS_R4_-_743	2559079		NT
MU-2468	2563503	2566129				pORF_-_2563503	eutA-eutH
MU-2469	2566346	2570072	RNAP_peak_-_822			pORF_-_2568370	eutG-eutJ-eutE-eutN
MU-2470	2570179	2573827	RNAP_peak_-_823			pORF_-_2570179;pORF_-_2570511	eutM-eutD-eutT-eutQ-eutP-eutS
MU-2471	2574112	2576512	RNAP_peak_-_824	RTS_R4_-_744	2576431;2576547;2576553	pORF_-_2574120	maeB
MU-2472	2579912	2580812	RNAP_peak_-_825	RTS_R4_-_745	2580921;2580929		ypfG
MU-2473	2580987	2581487	RNAP_peak_-_826	RTS_R4_-_746	2581523	pORF_-_2580925	nudK
MU-2474	2581568	2583547	RNAP_peak_-_827			pORF_-_2581568	aegA
MU-2475	2588763	2589063	RNAP_peak_-_828	RTS_R4_-_747	2588907		ypfM
MU-2476	2591113	2591863	RNAP_peak_-_829	RTS_R4_-_748	2591811		ypfH
MU-2477	2591913	2594863	RNAP_peak_-_830	RTS_R4_-_749	2594785;2594806	pORF_-_2591866;pORF_-_2593896	ypfI-ypfJ

MU-2478	2594913	2595788	RNAP_peak_-_831	RTS_R4_-_750	2595666;2595676;2595755	pORF_-_2594927	purC
MU-2479	2595813	2597813	RNAP_peak_-_832	RTS_R4_-_751	2597806	pORF_-_2595853;pORF_-_2596904	bamC-dapA
MU-2480	2612440	2613915	RNAP_peak_-_833	RTS_R4_-_752	2613938		yfgO
MU-2481	2616065	2616840	RNAP_peak_-_834	RTS_R4_-_753	2616827	pORF_-_2616097	hda
MU-2482	2616890	2618215	RNAP_peak_-_835	RTS_R4_-_754	2618258;2618264		uraA
MU-2483	2618266	2618916	RNAP_peak_-_836	RTS_R4_-_755	2618924;2618931	pORF_-_2618268	upp
MU-2484	2624717	2626960	RNAP_peak_-_837				yfgF
MU-2485	2628978	2630778	RNAP_peak_-_838	RTS_R4_-_756	2630583;2630625;2630663	pORF_-_2628980	guaA
MU-2486	2630803	2632103	RNAP_peak_-_839	RTS_R4_-_757	2632099;2632112;2632120;2632127	pORF_-_2630626	guaB
MU-2487	2633728	2633828	RNAP_peak_-_840	RTS_R4_-_758	2633893	pORF_-_2633621	yfgJ
MU-2488	2633878	2635878	RNAP_peak_-_841	RTS_R4_-_759	2635401;2635441;2635482;2635811	pORF_-_2633906	der
MU-2489	2635903	2638754	RNAP_peak_-_842	RTS_R4_-_760	2638708	pORF_-_2635496;pORF_-_2636685;pORF_-_2637323	bamB-yfgM-hisS-sroE
MU-2490	2638779	2640879	RNAP_peak_-_843	RTS_R4_-_761	2640937;2640954;2641026	pORF_-_2638708;pORF_-_2639853	ispG-yfgA
MU-2491	2640904	2642504	RNAP_peak_-_844	RTS_R4_-_762	2642409	pORF_-_2641151	rlmN
MU-2492	2642529	2642954	RNAP_peak_-_845	RTS_R4_-_763	2642905;2642935	pORF_-_2642455	ndk
MU-2493	2643079	2648855	RNAP_peak_-_846	RTS_R4_-_764	2648867		pbpC
MU-2494	2648905	2650330	RNAP_peak_-_847	RTS_R4_-_765	2650349;2650424	pORF_-_2645348	yfhM
MU-2495	2651410	2651460	RNAP_peak_-_848	RTS_R4_-_766	2651695		C0614
MU-2496	2652199	2654474	RNAP_peak_-_849	RTS_R4_-_767	2654561;2654589	pORF_-_2652179;pORF_-_2653097	sseB-pepB
MU-2497	2654499	2657174	RNAP_peak_-_850	RTS_R4_-_768	2657012	pORF_-_2654558;pORF_-_2654770;pORF_-_2655107	iscX-fdx-hscA
MU-2498	2657199	2658052	RNAP_peak_-_851	RTS_R4_-_769	2657928;2658178	pORF_-_2656974;pORF_-_2657585	hscB-iscA
MU-2499	2658077	2660227	RNAP_peak_-_852	RTS_R4_-_770	2660290	pORF_-_2657925;pORF_-_2658339;pORF_-_2659665	iscU-iscS-iscR
MU-2500	2660277	2661352	RNAP_peak_-_853	RTS_R4_-_771	2661369	pORF_-_2660605	trmJ
MU-2501	2665027	2666927		RTS_R4_-_772	2666961;2666967		hcaT-hcaR
MU-2502	2671927	2675502	RNAP_peak_-_854	RTS_R4_-_773	2675475;2675603	pORF_-_2672722	yphB-yphC-yphD
MU-2503	2675777	2677302	RNAP_peak_-_855	RTS_R4_-_774	2677426	pORF_-_2674872	yphE-yphF
MU-2504	2677727	2680527	RNAP_peak_-_856	RTS_R4_-_775	2680419	pORF_-_2677486	yphG
MU-2505	2682152	2683577	RNAP_peak_-_857	RTS_R4_-_776	2683559;2683594	pORF_-_2682276	glyA
MU-2506	2685102	2685277	RNAP_peak_-_858	RTS_R4_-_777	2685463;2685545	pORF_-_2685092	glnB
MU-2507	2685302	2688227	RNAP_peak_-_859	RTS_R4_-_778	2688207;2688341	pORF_-_2685491;pORF_-_2686815	yfhA-yfhG
MU-2508	2688302	2689352	RNAP_peak_-_860	RTS_R4_-_779	2689362	pORF_-_2687693	yfhK-glmY
MU-2509	2689627	2693577	RNAP_peak_-_861	RTS_R4_-_780	2693611	pORF_-_2689678	purL
MU-2510	2695302	2696577	RNAP_peak_-_862	RTS_R4_-_781	2696606;2696614		tadA-yfhB
MU-2511	2698202	2698377	RNAP_peak_-_863	RTS_R4_-_782	2698358		ryfB

MU-2512	2698714	2702264	RNAP_peak_-_864	RTS_R4_-_783	2702104;2702115;2702123;2702205	pORF_-_2698640;pORF_-_2699020;pORF_-_2700503;pORF_-_2701405	acpS-pdxJ-recO-era-rnc
MU-2513	2702364	2705289	RNAP_peak_-_865	RTS_R4_-_784	2705232	pORF_-_2702357;pORF_-_2703347	lepB-lepA
MU-2514	2705364	2707439	RNAP_peak_-_866	RTS_R4_-_785	2707434;2707441;2707472;2707589;2707654	pORF_-_2705820;pORF_-_2706776	rseC-rseB-rseA
MU-2515	2707464	2708339	RNAP_peak_-_867	RTS_R4_-_786	2708110;2708252	pORF_-_2707459	rpoE
MU-2516	2709964	2710789	RNAP_peak_-_868	RTS_R4_-_787	2710822		yfiC
MU-2517	2712464	2713339	RNAP_peak_-_869	RTS_R4_-_788	2713408		yfiE
MU-2518	2713914	2714514	RNAP_peak_-_870	RTS_R4_-_789	2714490;2714508;2714523;2714531;2714543	pORF_-_2714088	yfiD
MU-2519	2715589	2716639	RNAP_peak_-_871	RTS_R4_-_790	2716576;2716615;2716630	pORF_-_2715513	yfiF
MU-2520	2722140	2723815	RNAP_peak_-_872	RTS_R4_-_791	2723834	pORF_-_2722470	kgtP
MU-2521	2724090	2724215	RNAP_peak_-_873	RTS_R4_-_792	2724210		rrfG
MU-2522	2724240	2729344	RNAP_peak_-_874	RTS_R4_-_793	2729179		rrlG-gltW-rrsG
MU-2523	2729369	2732194	RNAP_peak_-_875	RTS_R4_-_794	2732227	pORF_-_2729622	clpB
MU-2524	2732219	2732294	RNAP_peak_-_876	RTS_R4_-_795	2732315		ryfD
MU-2525	2732319	2734119	RNAP_peak_-_877	RTS_R4_-_796	2734086	pORF_-_2732325;pORF_-_2733053	yfiH-rluD
MU-2526	2736069	2736544	RNAP_peak_-_878	RTS_R4_-_797	2736563		NT
MU-2527	2736994	2739469	RNAP_peak_-_879	RTS_R4_-_798	2739331	pORF_-_2736970;pORF_-_2738102	tyrA-arof
MU-2528	2742119	2744220	RNAP_peak_-_880	RTS_R4_-_799	2744276;2744314	pORF_-_2742205;pORF_-_2742594;pORF_-_2743392;pORF_-_2743959	rpIS-trmD-rimM-rpsP
MU-2529	2744245	2745870	RNAP_peak_-_881	RTS_R4_-_800	2745876	pORF_-_2744456	ffh
MU-2530	2747645	2748820	RNAP_peak_-_882	RTS_R4_-_801	2748759;2748769	pORF_-_2748137	grpE
MU-2531	2752045	2752745	RNAP_peak_-_883	RTS_R4_-_802	2752770	pORF_-_2752030	yfjF-yfjG
MU-2532	2755666	2756622	RNAP_peak_-_884				yfjH
MU-2533	2759336	2763486	RNAP_peak_-_885	RTS_R4_-_803	2763334		yfjK-yfjL
MU-2534	2763535	2763798					yfjM
MU-2535	2764086	2764211	RNAP_peak_-_886	RTS_R4_-_804	2764225		NT
MU-2536	2769492	2770017	RNAP_peak_-_887	RTS_R4_-_805	2769887	pORF_-_2769862	NT
MU-2537	2770092	2770967	RNAP_peak_-_888	RTS_R4_-_806		pORF_-_2770189	yfjU-yfjV
MU-2538	2776268	2779593	RNAP_peak_-_889	RTS_R4_-_807	2779623	pORF_-_2776168	NT
MU-2539	2776168	2780748	RNAP_peak_-_890			pORF_-_2776168	ypjA
MU-2540	2781087	2781326	RNAP_peak_-_891				pinH
MU-2541	2781660	2783033					ypjC
MU-2542	2783799	2783824	RNAP_peak_-_892	RTS_R4_-_808	2783978		ileY
MU-2543	2794102	2794277	RNAP_peak_-_893	RTS_R4_-_809	2794373		NT
MU-2544	2794302	2794827	RNAP_peak_-_894	RTS_R4_-_810	2794835	pORF_-_2794359	ygaU
MU-2545	2794877	2795077	RNAP_peak_-_895	RTS_R4_-_811	2795088;2795098;2795107		yqaE
MU-2546	2796002	2796552	RNAP_peak_-_896	RTS_R4_-_812	2796550;2796559;2796579;2796599	pORF_-_2796113	stpA
MU-2547	2797477	2798177	RNAP_peak_-_897	RTS_R4_-_813	2798154		ygaC

MU-2548	2798302	2798702	RNAP_peak_-_898	RTS_R4_-_814	2798693		NT
MU-2549	2807153	2807578	RNAP_peak_-_899	RTS_R4_-_815	2807603		NT
MU-2550	2809453	2809503		RTS_R4_-_816			NT
MU-2551	2812003	2812906	RNAP_peak_-_900	RTS_R4_-_817	2812784;2812837;2812900	pORF_-_2812240	luxS
MU-2552	2812931	2814756	RNAP_peak_-_901	RTS_R4_-_818	2814612	pORF_-_2812905	gshA
MU-2553	2814806	2815531	RNAP_peak_-_902	RTS_R4_-_819	2815550	pORF_-_2814959	yqaA-yqaB
MU-2554	2815731	2815856	RNAP_peak_-_903	RTS_R4_-_820	2815942		argQ
MU-2555	2816081	2816131	RNAP_peak_-_904	RTS_R4_-_821			argZ
MU-2556	2816231	2816281	RNAP_peak_-_905	RTS_R4_-_822	2816357		argY
MU-2557	2816506	2816706	RNAP_peak_-_906	RTS_R4_-_823	2816667		argV-serV
MU-2558	2816931	2817156	RNAP_peak_-_907	RTS_R4_-_824	2817211;2817220;2817295	pORF_-_2816983	csrA
MU-2559	2817181	2820081	RNAP_peak_-_908	RTS_R4_-_825	2820046;2820060;2820112	pORF_-_2817403	alaS
MU-2560	2820161	2820661	RNAP_peak_-_909			pORF_-_2820161	recX
MU-2561	2820781	2821831	RNAP_peak_-_910	RTS_R4_-_826	2821830;2821834;2821840;2821878	pORF_-_2820730	recA
MU-2562	2821881	2822381		RTS_R4_-_827	2822395	pORF_-_2821871	ygaD
MU-2563	2822531	2823606	RNAP_peak_-_911	RTS_R4_-_828	2823564	pORF_-_2822513	mltB
MU-2564	2828856	2830306	RNAP_peak_-_912	RTS_R4_-_829	2830332		norR
MU-2565	2833581	2835506	RNAP_peak_-_913	RTS_R4_-_830	2835567	pORF_-_2833195	hypF
MU-2566	2835600	2836127					hydN
MU-2567	2836281	2837281	RNAP_peak_-_914	RTS_R4_-_831	2837310	pORF_-_2836276	ascG
MU-2568	2840606	2841081	RNAP_peak_-_915	RTS_R4_-_832	2841124	pORF_-_2840595	hycI
MU-2569	2840595	2848457	RNAP_peak_-_916			pORF_-_2840595;pORF_-_2845437	hycI-hycH-hycG-hycF-hycE-hycD-hycC-hycB-hycA
MU-2570	2854506	2854831	RNAP_peak_-_917	RTS_R4_-_833	2854922	pORF_-_2854475	ygbA
MU-2571	2858532	2859257	RNAP_peak_-_918	RTS_R4_-_834	2859278		ygbI
MU-2572	2864582	2866082	RNAP_peak_-_919	RTS_R4_-_835	2866141	pORF_-_2864581	rpoS
MU-2573	2866107	2866857	RNAP_peak_-_920	RTS_R4_-_836	2866803	pORF_-_2865636	nlpD
MU-2574	2866882	2868482	RNAP_peak_-_921	RTS_R4_-_837	2868608;2868673	pORF_-_2866915;pORF_-_2867535	pcm-surE
MU-2575	2868507	2871007	RNAP_peak_-_922	RTS_R4_-_838	2870979	pORF_-_2868277;pORF_-_2869323;pORF_-_2869802;pORF_-_2870531	truD-ispF-ispD-ftsB
MU-2576	2871032	2871407	RNAP_peak_-_923	RTS_R4_-_839			ygbE
MU-2577	2871432	2874382	RNAP_peak_-_924	RTS_R4_-_840	2874392	pORF_-_2871409;pORF_-_2872014;pORF_-_2873443	cysC-cysN-cysD
MU-2578	2876257	2876532	RNAP_peak_-_925	RTS_R4_-_841	2876455		NT
MU-2579	2876607	2876782	RNAP_peak_-_926	RTS_R4_-_842			ygbF
MU-2580	2876857	2878332	RNAP_peak_-_927	RTS_R4_-_843	2878363;2878413		ygbT-ygcH
MU-2581	2878407	2879082	RNAP_peak_-_928	RTS_R4_-_844	2878903	pORF_-_2879073	ygcI
MU-2582	2879073	2882160	RNAP_peak_-_929			pORF_-_2879073	ygcJ-ygcK-ygcL
MU-2583	2882675	2884250	RNAP_peak_-_930	RTS_R4_-_845	2884174		NT
MU-2584	2884425	2885125	RNAP_peak_-_931	RTS_R4_-_846		pORF_-_2884083;pORF_-_2882575	ygcB
MU-2585	2885450	2889978	RNAP_peak_-_932	RTS_R4_-_847	2889945;2889976;2889985	pORF_-_2885600;pORF_-_2886409;pORF_-_2888121	cysH-cysI-cysJ

MU-2586	2892978	2898499	RNAP_peak_-_933	RTS_R4_-_848		pORF_-_2895986;pORF_-_2897510	ygcQ-ygcR-ygcS-ygcU-ygcW
MU-2587	2902088	2902513	RNAP_peak_-_934	RTS_R4_-_849	2902483		NT
MU-2588	2902813	2903438	RNAP_peak_-_935	RTS_R4_-_850	2903464	pORF_-_2902769	ygcF
MU-2589	2904663	2906838	RNAP_peak_-_936	RTS_R4_-_851	2905978;2905988;2906041;2906123;2906149;2906248	pORF_-_2904665	eno
MU-2590	2906863	2907838	RNAP_peak_-_937	RTS_R4_-_852	2907728	pORF_-_2906051	pyrG
MU-2591	2907863	2909363	RNAP_peak_-_938	RTS_R4_-_853	2909279;2909390	pORF_-_2907916;pORF_-_2908778;pORF_-_2909113	mazG-chpA-chpR
MU-2592	2909388	2911938	RNAP_peak_-_939	RTS_R4_-_854	2911869;2912027	pORF_-_2909439	relA
MU-2593	2911963	2913213	RNAP_peak_-_940	RTS_R4_-_855	2913051	pORF_-_2911721	rumA
MU-2594	2916188	2920088		RTS_R4_-_856		pORF_-_2916067;pORF_-_2917428	gudD-gudX-gudP
MU-2595	2920613	2922163	RNAP_peak_-_941	RTS_R4_-_857	2922159	pORF_-_2920557;pORF_-_2921024;pORF_-_2921806	yqcA-truC-yqcC
MU-2596	2922213	2922588	RNAP_peak_-_942	RTS_R4_-_858	2922546;2922556		csrB
MU-2597	2922788	2923313	RNAP_peak_-_943	RTS_R4_-_859	2923335	pORF_-_2922757	syd
MU-2598	2929940	2931340		RTS_R4_-_860		pORF_-_2929887	fucO-fucA
MU-2599	2938173	2939773	RNAP_peak_-_944	RTS_R4_-_861	2939689;2939796	pORF_-_2938165	ygdE-ygdD
MU-2600	2939823	2940698	RNAP_peak_-_945	RTS_R4_-_862	2940661	pORF_-_2939672	gcvA
MU-2601	2940773	2941273	RNAP_peak_-_946	RTS_R4_-_863	2941194;2941235	pORF_-_2940940	ygdI
MU-2602	2943073	2944123	RNAP_peak_-_947	RTS_R4_-_864	2944074;2944085;2944096;2944175	pORF_-_2943058	ygdL
MU-2603	2944148	2945298	RNAP_peak_-_948	RTS_R4_-_865	2945225	pORF_-_2944103	mltA
MU-2604	2945623	2947248	RNAP_peak_-_949	RTS_R4_-_866	2947086		amiC
MU-2605	2948673	2954098	RNAP_peak_-_950	RTS_R4_-_867	2953935;2954000	pORF_-_2948657;pORF_-_2950483	recD-recB
MU-2606	2954123	2957000		RTS_R4_-_868	2957031	pORF_-_2954018	ptrA
MU-2607	2957075	2960500	RNAP_peak_-_951	RTS_R4_-_869		pORF_-_2957082	recC
MU-2608	2960700	2962150		RTS_R4_-_870	2962199		ppdC-ygdB-ppdB-ppdA
MU-2609	2962375	2964300	RNAP_peak_-_952	RTS_R4_-_871	2964139	pORF_-_2962383;pORF_-_2963184	thyA-lgt
MU-2610	2964350	2967000	RNAP_peak_-_953	RTS_R4_-_872	2967018	pORF_-_2964210	ptsP-rppH
MU-2611	2967352	2967498	RNAP_peak_-_954				ygdT
MU-2612	2970728	2972578	RNAP_peak_-_955	RTS_R4_-_873	2972534;2972645	pORF_-_2970691	lplT
MU-2613	2972628	2974053	RNAP_peak_-_956	RTS_R4_-_874	2974072	pORF_-_2971877	aas
MU-2614	2974153	2974178	RNAP_peak_-_957	RTS_R4_-_875	2974189		omrA
MU-2615	2974253	2974378	RNAP_peak_-_958	RTS_R4_-_876	2974407		omrB
MU-2616	2975353	2976928	RNAP_peak_-_959	RTS_R4_-_877	2976947	pORF_-_2975659	lysA
MU-2617	2977803	2980403	RNAP_peak_-_960	RTS_R4_-_878	2980232	pORF_-_2977965;pORF_-_2978786	ygeA-araE
MU-2618	2980703	2981978	RNAP_peak_-_961	RTS_R4_-_879		pORF_-_2980519	kduD-kduI
MU-2619	2982530	2983630	RNAP_peak_-_962	RTS_R4_-_880	2983635	pORF_-_2982433	yqeF
MU-2620	2987957	2988382	RNAP_peak_-_963				yqeK
MU-2621	2992482	2993114	RNAP_peak_-_964				ygeK
MU-2622	2993336	2994382	RNAP_peak_-_965				ygeN-ygeO

MU-2623	2994300	2995800	RNAP_peak_-_966	RTS_R4_-_881	2995918		insD-insC
MU-2624	2995950	2996825	RNAP_peak_-_967	RTS_R4_-_882			ygeQ
MU-2625	2996975	2997075	RNAP_peak_-_968	RTS_R4_-_883	2997079		glyU
MU-2626	2997225	2998125	RNAP_peak_-_969	RTS_R4_-_884	2998266		ygeR
MU-2627	3002150	3003850	RNAP_peak_-_970	RTS_R4_-_885	3003869	pORF_-_3002030	ygeV
MU-2628	3010479	3013104	RNAP_peak_-_971	RTS_R4_-_886	3013059	pORF_-_3010636;pORF_-_3012309	yqeB-yqeC
MU-2629	3014254	3014354	RNAP_peak_-_972	RTS_R4_-_887			NT
MU-2630	3023279	3023654		RTS_R4_-_888	3023597;3023627		NT
MU-2631	3026552	3028902		RTS_R4_-_889		pORF_-_3027034	ygfS-ygfT
MU-2632	3031802	3034327	RNAP_peak_-_973	RTS_R4_-_890	3034313;3034336;3034346	pORF_-_3031679;pORF_-_3033206;pORF_-_3034227	lysS-prfB
MU-2633	3034377	3037902	RNAP_peak_-_974	RTS_R4_-_891	3037790;3037800	pORF_-_3034395;pORF_-_3036134;pORF_-_3036869	recJ-dsbC-xerD
MU-2634	3038252	3039252	RNAP_peak_-_975	RTS_R4_-_892	3039121	pORF_-_3038826	ygfX-ygfY
MU-2635	3040377	3041202	RNAP_peak_-_976	RTS_R4_-_893	3041333		yqfA
MU-2636	3041302	3041702	RNAP_peak_-_977	RTS_R4_-_894	3041676	pORF_-_3041334	yqfB
MU-2637	3043277	3043902		RTS_R4_-_895		pORF_-_3043180	ygfF
MU-2638	3044127	3047102		RTS_R4_-_896	3047178	pORF_-_3044190	gcvP
MU-2639	3047127	3048777	RNAP_peak_-_978	RTS_R4_-_897	3048789;3048798	pORF_-_3047182;pORF_-_3047595	gcvH-gcvT
MU-2640	3049052	3053477	RNAP_peak_-_979	RTS_R4_-_898	3053495	pORF_-_3049137;pORF_-_3050362;pORF_-_3051537;pORF_-_3052888	visC-ubiH-pepP-ygfB
MU-2641	3055202	3056452	RNAP_peak_-_980	RTS_R4_-_899	3056477	pORF_-_3055200	serA
MU-2642	3056652	3057452	RNAP_peak_-_981	RTS_R4_-_900	3057375	pORF_-_3056688	rpiA
MU-2643	3057403	3057723	RNAP_peak_-_982				yqfE
MU-2644	3064299	3065195	RNAP_peak_-_983			pORF_-_3064299	ygfI
MU-2645	3065383	3066133	RNAP_peak_-_984	RTS_R4_-_901	3066137;3066148	pORF_-_3065362	yggE
MU-2646	3066183	3066833		RTS_R4_-_902	3066858		argO
MU-2647	3066933	3067883	RNAP_peak_-_985	RTS_R4_-_903	3067836;3067856;3067893	pORF_-_3066969	mscS
MU-2648	3067958	3069308	RNAP_peak_-_986	RTS_R4_-_904	3069449;3069477	pORF_-_3068187	fbaA
MU-2649	3069333	3070883	RNAP_peak_-_987	RTS_R4_-_905	3070670;3070703;3070757	pORF_-_3069481	pgk
MU-2650	3070933	3071908	RNAP_peak_-_988	RTS_R4_-_906	3071845	pORF_-_3070694	epd
MU-2651	3071958	3073458	RNAP_peak_-_989	RTS_R4_-_907	3073487	pORF_-_3071998	yggC-yggD
MU-2652	3073239	3077352	RNAP_peak_-_990			pORF_-_3075493	yggF-yggP-cmtA-cmtB
MU-2653	3077696	3079721	RNAP_peak_-_991	RTS_R4_-_908	3079737	pORF_-_3077666	tktA
MU-2654	3080621	3081899	RNAP_peak_-_992	RTS_R4_-_909	3081893;3081908;3081948;3081968;3081990	pORF_-_3080899	speB
MU-2655	3081924	3083899	RNAP_peak_-_993	RTS_R4_-_910	3083950;3084078	pORF_-_3081957	speA
MU-2656	3083924	3084399	RNAP_peak_-_994	RTS_R4_-_911	3084420		yqgB
MU-2657	3084421	3084672	RNAP_peak_-_995				yqgD
MU-2658	3092122	3093102	RNAP_peak_-_996		3093107	pORF_-_3092122	yggR
MU-2659	3096580	3097587					yggM
MU-2660	3097949	3098749	RNAP_peak_-_997	RTS_R4_-_912		pORF_-_3097704	ansB
MU-2661	3098974	3099649	RNAP_peak_-_998	RTS_R4_-_913	3099822	pORF_-_3098926	yggN

MU-2662	3099699	3100249	RNAP_peak_-_999	RTS_R4_-_914	3100179;3100215;3100221;3100257;3100324	pORF_-_3099829	yggL
MU-2663	3100274	3101099	RNAP_peak_-_1000	RTS_R4_-_915	3101025	pORF_-_3100155	trmI
MU-2664	3105079	3107263	RNAP_peak_-_1001	RTS_R4_-_916	3107281;3107308	pORF_-_3105042	speC
MU-2665	3108938	3110988	RNAP_peak_-_1002	RTS_R4_-_917	3111057	pORF_-_3110076	yghD-yghE-yghF
MU-2666	3111063	3111938	RNAP_peak_-_1003	RTS_R4_-_918	3111570;3111770;3111918		yghG
MU-2667	3111565	3112374	RNAP_peak_-_1004				pppA
MU-2668	3112388	3117338	RNAP_peak_-_1005	RTS_R4_-_919	3117349;3117362	pORF_-_3112572	yghJ
MU-2669	3117788	3119238	RNAP_peak_-_1006	RTS_R4_-_920	3119364	pORF_-_3117619	glcA
MU-2670	3119363	3122838	RNAP_peak_-_1007	RTS_R4_-_921	3122752;3122796	pORF_-_3119656;pORF_-_3121849	glcB-glcG
MU-2671	3123338	3126138	RNAP_peak_-_1008	RTS_R4_-_922	3126098;3126195	pORF_-_3123492;pORF_-_3124544	glcF-glcE-glcD
MU-2672	3127065	3128165	RNAP_peak_-_1009				yghO
MU-2673	3129363	3131979	RNAP_peak_-_1010			pORF_-_3129363	yghQ-yghR-yghS
MU-2674	3132894	3134393	RNAP_peak_-_1011				pitB
MU-2675	3134713	3136613	RNAP_peak_-_1012	RTS_R4_-_923	3136551	pORF_-_3134685	gsp
MU-2676	3137838	3141188	RNAP_peak_-_1013	RTS_R4_-_924	3141054;3141126	pORF_-_3139308	hybG-hybF-hybE-hybD-hybC
MU-2677	3142238	3144413	RNAP_peak_-_1014	RTS_R4_-_925	3144309;3144385		hybB-hybA-hybO
MU-2678	3144438	3144763	RNAP_peak_-_1015	RTS_R4_-_926	3144780		yghW
MU-2679	3144863	3145763	RNAP_peak_-_1016	RTS_R4_-_927	3145787		yghX
MU-2680	3147013	3147488	RNAP_peak_-_1017	RTS_R4_-_928	3147518		yqhA
MU-2681	3148638	3150063	RNAP_peak_-_1018	RTS_R4_-_929	3150038	pORF_-_3148840;pORF_-_3149272	exbD-exbB
MU-2682	3151588	3153197	RNAP_peak_-_1019	RTS_R4_-_930	3153212		yqhC
MU-2683	3156072	3156172	RNAP_peak_-_1020	RTS_R4_-_931			NT
MU-2684	3156697	3159222	RNAP_peak_-_1021	RTS_R4_-_932	3159202	pORF_-_3156949	ygiQ
MU-2685	3159297	3160672	RNAP_peak_-_1022	RTS_R4_-_933	3160708;3160864	pORF_-_3159279	ftsP
MU-2686	3160697	3161647	RNAP_peak_-_1023	RTS_R4_-_934	3161587	pORF_-_3160766	plsC
MU-2687	3161697	3164024		RTS_R4_-_935	3164043	pORF_-_3161737	parC
MU-2688	3164324	3166574	RNAP_peak_-_1024	RTS_R4_-_936	3166584	pORF_-_3164133;pORF_-_3165873	ygiS-ygiT-mqsR
MU-2689	3166799	3167749	RNAP_peak_-_1025	RTS_R4_-_937	3167731	pORF_-_3167306	ygiV-ygiW
MU-2690	3169901	3170233	RNAP_peak_-_1026				ygiZ
MU-2691	3171477	3173627	RNAP_peak_-_1027	RTS_R4_-_938	3173667	pORF_-_3171526	parE
MU-2692	3173652	3174952	RNAP_peak_-_1028	RTS_R4_-_939	3174987	pORF_-_3173447;pORF_-_3174028	yqiA-cpdA
MU-2693	3174977	3175852	RNAP_peak_-_1029	RTS_R4_-_940	3176014	pORF_-_3175303	yqiB-nudF
MU-2694	3179852	3180302	RNAP_peak_-_1030	RTS_R4_-_941	3180462		ygiD
MU-2695	3181327	3181602	RNAP_peak_-_1031	RTS_R4_-_942	3181662;3181669;3181678		NT
MU-2696	3181827	3182727	RNAP_peak_-_1032	RTS_R4_-_943	3182740	pORF_-_3181835	ribB-sroG
MU-2697	3185202	3185427	RNAP_peak_-_1033	RTS_R4_-_944			NT
MU-2698	3189777	3190127	RNAP_peak_-_1034	RTS_R4_-_945	3189979;3189986;3189995;3190002;3190011;3190024	pORF_-_3189761	glgS
MU-2699	3190227	3190327	RNAP_peak_-_1035	RTS_R4_-_946	3190379		NT
MU-2700	3192677	3192927	RNAP_peak_-_1036	RTS_R4_-_947	3192887		rygD

MU-2701	3193052	3193352	RNAP_peak_-_1037	RTS_R4_-_948	3193271		rygE
MU-2702	3193402	3194852	RNAP_peak_-_1038	RTS_R4_-_949	3194803	pORF_-_3193342	rfaE
MU-2703	3194877	3199027	RNAP_peak_-_1039	RTS_R4_-_950	3199054	pORF_-_3194823;pORF_-_3197686	glnE-ygiF
MU-2704	3201252	3202202	RNAP_peak_-_1040	RTS_R4_-_951	3202205;3202243		bacA
MU-2705	3202252	3202627	RNAP_peak_-_1041	RTS_R4_-_952	3202659		folB
MU-2706	3203577	3204277	RNAP_peak_-_1042	RTS_R4_-_953	3204386		ttdR
MU-2707	3207427	3208552	RNAP_peak_-_1043	RTS_R4_-_954	3208588	pORF_-_3207552	ygjD
MU-2708	3212777	3213602	RNAP_peak_-_1044	RTS_R4_-_955	3213518;3213543	pORF_-_3212989	mug
MU-2709	3213777	3214527	RNAP_peak_-_1045	RTS_R4_-_956	3214559	pORF_-_3213749	yqjH
MU-2710	3215427	3217102	RNAP_peak_-_1046	RTS_R4_-_957	3217140	pORF_-_3215578	aer
MU-2711	3218937	3219269	RNAP_peak_-_1047				ygjH
MU-2712	3231753	3232603	RNAP_peak_-_1048	RTS_R4_-_958	3232782	pORF_-_3231750	ygjM-ygjN
MU-2713	3232753	3233903	RNAP_peak_-_1049	RTS_R4_-_959	3233919	pORF_-_3232761	rlmG
MU-2714	3240395	3242920	RNAP_peak_-_1050	RTS_R4_-_960	3242809	pORF_-_3239849;pORF_-_3241351	ygjV-uxaA-uxaC
MU-2715	3251399	3252274	RNAP_peak_-_1051	RTS_R4_-_961	3252264	pORF_-_3251340	yhaJ
MU-2716	3253774	3255949	RNAP_peak_-_1052	RTS_R4_-_962	3256371	pORF_-_3253363	yhaM-yhaO
MU-2717	3256307	3265087	RNAP_peak_-_1053			pORF_-_3256307;pORF_-_3257743;pORF_-_3258146;pORF_-_3260474;pORF_-_3261708;pORF_-_3263061;pORF_-_3264149	tdcG-tdcF-tdcE-tdcD-tdcC-tdcB-tdcA
MU-2718	3267826	3268645	RNAP_peak_-_1054	RTS_R4_-_963	3268614		rnpB
MU-2719	3268695	3272045	RNAP_peak_-_1055	RTS_R4_-_964		pORF_-_3268647;pORF_-_3269889	garK-garR-garL-garP
MU-2720	3275695	3276695	RNAP_peak_-_1056	RTS_R4_-_965	3276727	pORF_-_3275878	agaR
MU-2721	3287196	3287921	RNAP_peak_-_1057	RTS_R4_-_966	3287928		NT
MU-2722	3290271	3291646	RNAP_peak_-_1058	RTS_R4_-_967		pORF_-_3290497	yraL
MU-2723	3291996	3292496		RTS_R4_-_968	3292525		NT
MU-2724	3295121	3296921	RNAP_peak_-_1059	RTS_R4_-_969	3296934	pORF_-_3295120;pORF_-_3296233	yraQ-yraR
MU-2725	3297521	3297971	RNAP_peak_-_1060	RTS_R4_-_970	3297958	pORF_-_3297494	yhbP
MU-2726	3298196	3299421	RNAP_peak_-_1061	RTS_R4_-_971	3299323;3299434	pORF_-_3298277	yhbS-yhbT
MU-2727	3302646	3303846		RTS_R4_-_972	3303882		mtr
MU-2728	3303946	3306196	RNAP_peak_-_1062	RTS_R4_-_973	3306034	pORF_-_3303993	deaD
MU-2729	3306221	3307096	RNAP_peak_-_1063	RTS_R4_-_974	3307126	pORF_-_3306062	nlpI
MU-2730	3307121	3309346	RNAP_peak_-_1064	RTS_R4_-_975	3309271;3309309	pORF_-_3307055	pnp
MU-2731	3309446	3309796	RNAP_peak_-_1065	RTS_R4_-_976	3309768;3309806	pORF_-_3309437	rpsO
MU-2732	3309821	3311196	RNAP_peak_-_1066	RTS_R4_-_977	3311247	pORF_-_3309855;pORF_-_3310799	truB-rbfA
MU-2733	3311246	3316071	RNAP_peak_-_1067	RTS_R4_-_978	3316071;3316119;3316211	pORF_-_3311364;pORF_-_3314061;pORF_-_3315576	infB-nusA-yhbC
MU-2734	3316121	3316396	RNAP_peak_-_1068	RTS_R4_-_979	3316311;3316397		metY
MU-2735	3318010	3319635	RNAP_peak_-_1069			pORF_-_3318010	yhbX

MU-2736	3320096	3320696	RNAP_peak_-_1070	RTS_R4_-_980	3320611	pORF_-_3320195	leuU-secG
MU-2737	3320746	3322296	RNAP_peak_-_1071	RTS_R4_-_981	3322307;3322347	pORF_-_3320755	glmM
MU-2738	3322321	3323596	RNAP_peak_-_1072	RTS_R4_-_982	3323252;3323526	pORF_-_3322085	folP
MU-2739	3323621	3324996	RNAP_peak_-_1073	RTS_R4_-_983	3325000	pORF_-_3323023	hflB
MU-2740	3325021	3325721	RNAP_peak_-_1074	RTS_R4_-_984	3325753	pORF_-_3325057	rrmJ
MU-2741	3325746	3326871	RNAP_peak_-_1075	RTS_R4_-_985	3326835;3326874	pORF_-_3326261	greA
MU-2742	3328196	3330046	RNAP_peak_-_1076	RTS_R4_-_986	3330183	pORF_-_3328604	obgE
MU-2743	3330071	3330796	RNAP_peak_-_1077	RTS_R4_-_987	3330932	pORF_-_3329792	yhbE
MU-2744	3330871	3331621	RNAP_peak_-_1078	RTS_R4_-_988	3331479;3331529;3331538	pORF_-_3330884;pORF_-_3331162	rpmA-rplU
MU-2745	3333121	3334471		RTS_R4_-_989	3334539;3334577	pORF_-_3333257	murA
MU-2746	3334496	3334921	RNAP_peak_-_1079	RTS_R4_-_990	3334854	pORF_-_3334571	yrbA
MU-2747	3334946	3335896	RNAP_peak_-_1080	RTS_R4_-_991	3336077;3336084	pORF_-_3334985;pORF_-_3335278	yrbB-yrbC
MU-2748	3335921	3338247	RNAP_peak_-_1081	RTS_R4_-_992	3338123;3338154	pORF_-_3335932;pORF_-_3336488;pORF_-_3337278	yrbD-yrbE-yrbF
MU-2749	3347272	3348654	RNAP_peak_-_1082	RTS_R4_-_993	3348510;3348532;3348571	pORF_-_3347828	mtgA-elbB
MU-2750	3348704	3351029	RNAP_peak_-_1083	RTS_R4_-_994	3351071	pORF_-_3348711	arcB
MU-2751	3351204	3352054	RNAP_peak_-_1084	RTS_R4_-_995	3352167		yhcC
MU-2752	3358804	3358879	RNAP_peak_-_1085	RTS_R4_-_996	3358901		NT
MU-2753	3363579	3364754	RNAP_peak_-_1086	RTS_R4_-_997		pORF_-_3363724	insH
MU-2754	3365729	3365754	RNAP_peak_-_1087	RTS_R4_-_998	3365791		NT
MU-2755	3367134	3371609	RNAP_peak_-_1088	RTS_R4_-_999	3371642	pORF_-_3367497;pORF_-_3368369;pORF_-_3369106;pORF_-_3370705	yhcH-nanK-nanE-nanT-nanA
MU-2756	3371734	3372509	RNAP_peak_-_1089	RTS_R4_-_1000	3372540	pORF_-_3371720	nanR
MU-2757	3374309	3375559	RNAP_peak_-_1090	RTS_R4_-_1001	3375467;3375504;3375587	pORF_-_3374301;pORF_-_3374804	sspB-sspA
MU-2758	3375859	3376809	RNAP_peak_-_1091	RTS_R4_-_1002	3376678;3376692;3376796;3376830	pORF_-_3375837;pORF_-_3376245	rpsI-rplM
MU-2759	3376909	3378084	RNAP_peak_-_1092	RTS_R4_-_1003	3378033;3378078	pORF_-_3376892	yhcM
MU-2760	3381359	3382509	RNAP_peak_-_1093	RTS_R4_-_1004	3382316;3382336;3382494	pORF_-_3381352	mdh
MU-2761	3383878	3384178	RNAP_peak_-_1094	RTS_R4_-_1005	3384191	pORF_-_3383879	yhcO
MU-2762	3385178	3387453	RNAP_peak_-_1095	RTS_R4_-_1006	3387503		aaeB-aaeA-aaeX
MU-2763	3388578	3390578	RNAP_peak_-_1096	RTS_R4_-_1007	3390086;3390139;3390443;3390673	pORF_-_3388605	tldD
MU-2764	3390628	3395978	RNAP_peak_-_1097	RTS_R4_-_1008	3395947;3396009	pORF_-_3390480;pORF_-_3394348	yhdP-rng
MU-2765	3396003	3396528	RNAP_peak_-_1098	RTS_R4_-_1009	3396618;3396643	pORF_-_3395807	yhdE
MU-2766	3396553	3399378	RNAP_peak_-_1099	RTS_R4_-_1010	3399149;3399214	pORF_-_3396897;pORF_-_3398066	mreD-mreC-mreB
MU-2767	3399453	3401403	RNAP_peak_-_1100	RTS_R4_-_1011	3401381	pORF_-_3399414	csrD
MU-2768	3408156	3408256	RNAP_peak_-_1101	RTS_R4_-_1012	3408239		NT
MU-2769	3410825	3411487	RNAP_peak_-_1102				envR
MU-2770	3421432	3427207	RNAP_peak_-_1103	RTS_R4_-_1013	3427033;3427071		rffF-thrV-rrfD-rrlD-alaU-ileU-rrsD

MU-2771	3427757	3429032	RNAP_peak_-_1104	RTS_R4_-_1014	3429107	pORF_-_3428042	yrdB-aroE
MU-2772	3429057	3430032	RNAP_peak_-_1105	RTS_R4_-_1015	3430049	pORF_-_3428865;pORF_-_3429442	rimN-yrdD
MU-2773	3430057	3430707	RNAP_peak_-_1106	RTS_R4_-_1016	3430625		smg
MU-2774	3430757	3431632	RNAP_peak_-_1107	RTS_R4_-_1017	3431625		smf
MU-2775	3436082	3437532	RNAP_peak_-_1108	RTS_R4_-_1018	3437566		yhdL-zntR-yhdN
MU-2776	3437647	3441122	RNAP_peak_-_1109	RTS_R4_-_1019	3440574;3440580;3440584;3440615;3440622;3440636	pORF_-_3437638;pORF_-_3438062;pORF_-_3439077;pORF_-_3439731;pORF_-_3440137;pORF_-_3440640	rplQ-rpoA-rpsD-rpsK-rpsM
MU-2777	3441147	3446347	RNAP_peak_-_1110	RTS_R4_-_1020	3446318;3446323;3446364	pORF_-_3440788;pORF_-_3442127;pORF_-_3442565;pORF_-_3442748;pORF_-_3443266;pORF_-_3443629;pORF_-_3444175;pORF_-_3444601;pORF_-_3444921;pORF_-_3445475;pORF_-_3445800	rpmJ-secY-rplO-rpmD-rpsE-rplR-rplF-rpsH-rpsN-rplE-rplX-rplN
MU-2778	3446372	3451497	RNAP_peak_-_1111	RTS_R4_-_1021	3451312	pORF_-_3446336;pORF_-_3446590;pORF_-_3446781;pORF_-_3447204;pORF_-_3447923;pORF_-_3448270;pORF_-_3448565;pORF_-_3449404;pORF_-_3449703;pORF_-_3450319;pORF_-_3450981	rpsQ-rpmC-rplP-rpsC-rplV-rpsS-rplB-rplW-rplD-rplC-rpsJ
MU-2779	3451547	3452172	RNAP_peak_-_1112	RTS_R4_-_1022	3451985	pORF_-_3451951	gspB
MU-2780	3451951	3453420	RNAP_peak_-_1113			pORF_-_3451951	gspA
MU-2781	3463847	3464747	RNAP_peak_-_1114	RTS_R4_-_1023	3464770	pORF_-_3464271	bfr
MU-2782	3464797	3464997	RNAP_peak_-_1115	RTS_R4_-_1024	3465032		bfd
MU-2783	3465297	3467372	RNAP_peak_-_1116	RTS_R4_-_1025			chiA
MU-2784	3468172	3469522	RNAP_peak_-_1117	RTS_R4_-_1026	3469359;3469402;3469412;3469419;3469443	pORF_-_3468167	tufA
MU-2785	3469547	3472824	RNAP_peak_-_1118	RTS_R4_-_1027	3472640;3472650	pORF_-_3469422;pORF_-_3471564;pORF_-_3472200	fusA-rpsG-rpsL
MU-2786	3472849	3474574	RNAP_peak_-_1119	RTS_R4_-_1028	3474466;3474524;3474563	pORF_-_3472700;pORF_-_3472995;pORF_-_3473354;pORF_-_3473740	yheL-yheM-yheN-yheO
MU-2787	3474649	3475524	RNAP_peak_-_1120	RTS_R4_-_1029	3475488;3475547	pORF_-_3474629	fkpA
MU-2788	3475874	3476449	RNAP_peak_-_1121	RTS_R4_-_1030	3476403;3476580	pORF_-_3475929	slyD
MU-2789	3476474	3479249	RNAP_peak_-_1122	RTS_R4_-_1031	3479273		yheV-kefB-kefG

MU-2790	3483074	3483849	RNAP_peak_-_1123	RTS_R4_-_1032	3483867;3483974	pORF_-_3483436	yhfA
MU-2791	3486799	3488224	RNAP_peak_-_1124	RTS_R4_-_1033	3488232;3488243	pORF_-_3486982	argD
MU-2792	3488274	3489649	RNAP_peak_-_1125	RTS_R4_-_1034	3489670	pORF_-_3488288;pORF_-_3488883;pORF_-_3489475	pabA-fic-yhfG
MU-2793	3489774	3490424	RNAP_peak_-_1126	RTS_R4_-_1035	3490351;3490357	pORF_-_3489747	ppiA
MU-2794	3490474	3490624	RNAP_peak_-_1127	RTS_R4_-_1036	3490712		NT
MU-2795	3502987	3510362	RNAP_peak_-_1128	RTS_R4_-_1037	3510372;3510389	pORF_-_3504054	yhfS-yhfT-yhfU-php-yhfW-yhfX-yhfY-yhfZ
MU-2796	3510612	3511687	RNAP_peak_-_1129	RTS_R4_-_1038	3511720;3511773	pORF_-_3510656	trpS
MU-2797	3511712	3513287	RNAP_peak_-_1130	RTS_R4_-_1039	3513213	pORF_-_3511653;pORF_-_3512404	gph-rpe
MU-2798	3513312	3514137	RNAP_peak_-_1131	RTS_R4_-_1040	3514323	pORF_-_3513099	dam
MU-2799	3514162	3515637	RNAP_peak_-_1132	RTS_R4_-_1041	3515537	pORF_-_3514042	damX
MU-2800	3515662	3517387	RNAP_peak_-_1133	RTS_R4_-_1042	3517188;3517403	pORF_-_3515420;pORF_-_3516565	aroB-aroK
MU-2801	3517712	3520837	RNAP_peak_-_1134	RTS_R4_-_1043	3520825		hofQ-hofP-hofO-hofN-hofM
MU-2802	3523537	3524212	RNAP_peak_-_1135	RTS_R4_-_1044	3524195;3524254;3524265	pORF_-_3523611	nudE
MU-2803	3528762	3530612	RNAP_peak_-_1136	RTS_R4_-_1045	3530485;3530543	pORF_-_3528737	yhgE
MU-2804	3532563	3534738	RNAP_peak_-_1137	RTS_R4_-_1046	3534707;3534729;3534768	pORF_-_3532538;pORF_-_3533887	envZ-ompR
MU-2805	3537863	3538013	RNAP_peak_-_1138	RTS_R4_-_1047			NT
MU-2806	3542213	3542863	RNAP_peak_-_1139	RTS_R4_-_1048	3542897	pORF_-_3542096	bioH
MU-2807	3546013	3550613	RNAP_peak_-_1140	RTS_R4_-_1049	3550532	pORF_-_3546008;pORF_-_3548102	malQ-malP
MU-2808	3553863	3556239	RNAP_peak_-_1141	RTS_R4_-_1050	3556144;3556160;3556197;3556202		rtcA-rtcB
MU-2809	3557864	3558914	RNAP_peak_-_1142	RTS_R4_-_1051	3558752;3558903	pORF_-_3557870	glpR
MU-2810	3558939	3559889	RNAP_peak_-_1143	RTS_R4_-_1052	3559883	pORF_-_3558645;pORF_-_3559520	glpG-glpE
MU-2811	3561489	3561989	RNAP_peak_-_1144	RTS_R4_-_1053			yzgL
MU-2812	3562089	3566522	RNAP_peak_-_1145	RTS_R4_-_1054	3566419	pORF_-_3562157;pORF_-_3564623	glgP-glgA
MU-2813	3566547	3567522	RNAP_peak_-_1146	RTS_R4_-_1055	3567411;3567480;3567595	pORF_-_3566056	glgC
MU-2814	3567547	3571622	RNAP_peak_-_1147	RTS_R4_-_1056	3571644;3571787;3571792	pORF_-_3567369;pORF_-_3569339	glgX-glgB
MU-2815	3571647	3572997	RNAP_peak_-_1148	RTS_R4_-_1057	3572903	pORF_-_3571798	asd
MU-2816	3574147	3575622	RNAP_peak_-_1149	RTS_R4_-_1058	3574307	pORF_-_3575088	gntU-gntK
MU-2817	3575697	3576922	RNAP_peak_-_1150	RTS_R4_-_1059	3576961	pORF_-_3575754	gntR
MU-2818	3577022	3578897	RNAP_peak_-_1151	RTS_R4_-_1060	3578831;3578852	pORF_-_3576973;pORF_-_3577791	yhhW-yhhX
MU-2819	3578972	3579022	RNAP_peak_-_1152	RTS_R4_-_1061	3579039		ryhB
MU-2820	3581495	3582320	RNAP_peak_-_1153	RTS_R4_-_1062	3582323		NT
MU-2821	3583195	3584845	RNAP_peak_-_1154	RTS_R4_-_1063	3584877;3585024	pORF_-_3583104	ggt
MU-2822	3585520	3590420	RNAP_peak_-_1155	RTS_R4_-_1064	3590437;3590449	pORF_-_3585393;pORF_-_3586133;pORF_-_3589032	ugpQ-ugpC-ugpE-ugpA-ugpB

MU-2823	3590520	3595749	RNAP_peak_-_1156	RTS_R4_-_1065	3595627;3595638;3595744;3595769	pORF_-_3590747;pORF_-_3591462;pORF_-_3592226;pORF_-_3594474	livF-livG-livM-livH-livK
MU-2824	3596274	3597774	RNAP_peak_-_1157	RTS_R4_-_1066	3597715;3597785	pORF_-_3596578	livJ
MU-2825	3597949	3599049	RNAP_peak_-_1158	RTS_R4_-_1067	3598820;3598872;3598886;3598893;3599027;3599187	pORF_-_3597952	rpoH
MU-2826	3599099	3602349	RNAP_peak_-_1159	RTS_R4_-_1068	3602333;3602339	pORF_-_3599051;pORF_-_3600102;pORF_-_3600773	ftsX-ftsE-ftsY
MU-2827	3602974	3603624	RNAP_peak_-_1160	RTS_R4_-_1069		pORF_-_3603274	yhhM
MU-2828	3606649	3607224	RNAP_peak_-_1161	RTS_R4_-_1070	3607043	pORF_-_3606774	sirA
MU-2829	3608574	3609749	RNAP_peak_-_1162	RTS_R4_-_1071	3609782		yhhS
MU-2830	3616824	3617149	RNAP_peak_-_1163	RTS_R4_-_1072	3617170;3617187		NT
MU-2831	3623349	3628924	RNAP_peak_-_1164	RTS_R4_-_1073	3628862;3628952	pORF_-_3624826;pORF_-_3627558	yhhJ-rbbA-yhiI
MU-2832	3628991	3630613	RNAP_peak_-_1165			pORF_-_3628991	yhiJ
MU-2833	3630875	3632481	RNAP_peak_-_1166				yhiL
MU-2834	3633674	3635499	RNAP_peak_-_1167	RTS_R4_-_1074	3635522	pORF_-_3634231	yhiN
MU-2835	3636999	3637849	RNAP_peak_-_1168	RTS_R4_-_1075	3637869		uspB
MU-2836	3638649	3638699	RNAP_peak_-_1169	RTS_R4_-_1076	3638759		NT
MU-2837	3640374	3643249	RNAP_peak_-_1170	RTS_R4_-_1077	3643224;3643261;3643272	pORF_-_3640403;pORF_-_3641163	yhiQ-prlC
MU-2838	3645749	3645974	RNAP_peak_-_1171	RTS_R4_-_1078	3646005		dinQ
MU-2839	3647235	3647935	RNAP_peak_-_1172	RTS_R4_-_1079			NT
MU-2840	3650060	3651235	RNAP_peak_-_1173	RTS_R4_-_1080	3651291;3651336	pORF_-_3650205	insH
MU-2841	3652960	3654810	RNAP_peak_-_1174	RTS_R4_-_1081	3654784;3654793;3654803;3654807;3654814	pORF_-_3653989;pORF_-_3654431	yhiD-hdeB-hdeA
MU-2842	3655860	3656035	RNAP_peak_-_1175	RTS_R4_-_1082	3656051;3656077		NT
MU-2843	3661935	3662860	RNAP_peak_-_1176	RTS_R4_-_1083	3662689		gadW
MU-2844	3662885	3663835	RNAP_peak_-_1177	RTS_R4_-_1084	3663855;3663864	pORF_-_3663009	gadX
MU-2845	3663960	3665610	RNAP_peak_-_1178	RTS_R4_-_1085	3665631	pORF_-_3664203	gadA
MU-2846	3666010	3667260	RNAP_peak_-_1179	RTS_R4_-_1086	3667288	pORF_-_3665814	yhjA
MU-2847	3669315	3669917	RNAP_peak_-_1180				yhjB
MU-2848	3674315	3676390	RNAP_peak_-_1181	RTS_R4_-_1087	3676403	pORF_-_3674313	yhjG
MU-2849	3676740	3677090	RNAP_peak_-_1182	RTS_R4_-_1088	3677219;3677250		yhjH
MU-2850	3678490	3679915	RNAP_peak_-_1183	RTS_R4_-_1089	3680034	pORF_-_3678467	yhjJ
MU-2851	3679940	3681565	RNAP_peak_-_1184	RTS_R4_-_1090	3681519;3681683	pORF_-_3680184	dctA
MU-2852	3681690	3684065	RNAP_peak_-_1185	RTS_R4_-_1091	3684213;3684223	pORF_-_3681653	yhjK
MU-2853	3684090	3694391	RNAP_peak_-_1186	RTS_R4_-_1092	3694252;3694337;3694346;3694361;3694387		bcsC-bcsZ-bcsB-bcsA-yhjQ-yhjR
MU-2854	3697966	3698266	RNAP_peak_-_1187	RTS_R4_-_1093	3698295		ldrD
MU-2855	3698516	3698566	RNAP_peak_-_1188	RTS_R4_-_1094	3698620		NT
MU-2856	3699066	3705869	RNAP_peak_-_1189	RTS_R4_-_1095	3705731;3705750;3705826;3705893	pORF_-_3699887;pORF_-_3700888;pORF_-_3701882;pORF_-_3702794;pORF_-_3704121	dppF-dppD-dppC-dppB-dppA
MU-2857	3706619	3706694	RNAP_peak_-_1190	RTS_R4_-_1096	3706715		proK

MU-2858	3706844	3708569	RNAP_peak_-_1191	RTS_R4_-_1097	3708608	pORF_-_3706807	eptB
MU-2859	3708822	3710030	RNAP_peak_-_1192				yhjX
MU-2860	3710269	3711019	RNAP_peak_-_1193	RTS_R4_-_1098	3711033		yhjY
MU-2861	3712019	3714494	RNAP_peak_-_1194	RTS_R4_-_1099	3714451;3714580	pORF_-_3712084	bisC
MU-2862	3716369	3717094	RNAP_peak_-_1195	RTS_R4_-_1100		pORF_-_3716357	viaF
MU-2863	3718471	3718655					hokA-mokA
MU-2864	3720069	3723369	RNAP_peak_-_1196	RTS_R4_-_1101	3723377	pORF_-_3720351;pORF_-_3722430	glyS-glyQ
MU-2865	3723544	3723844	RNAP_peak_-_1197	RTS_R4_-_1102	3723815		ysaB
MU-2866	3724947	3725771	RNAP_peak_-_1198				viaA-viaB
MU-2867	3725994	3728669	RNAP_peak_-_1199	RTS_R4_-_1103	3728830	pORF_-_3725940;pORF_-_3727466	xyIB-xyIA
MU-2868	3730496	3730821	RNAP_peak_-_1200	RTS_R4_-_1104	3730755		NT
MU-2869	3734246	3735276	RNAP_peak_-_1201	RTS_R4_-_1105	3735265		bax
MU-2870	3739226	3740526	RNAP_peak_-_1202	RTS_R4_-_1106	3740563	pORF_-_3739707	ysaA-viaJ
MU-2871	3748851	3749076		RTS_R4_-_1107	3749066		ysaC
MU-2872	3749251	3749726	RNAP_peak_-_1203	RTS_R4_-_1108	3749762	pORF_-_3749151	viaT
MU-2873	3750986	3752451	RNAP_peak_-_1204				viaV-viaW
MU-2874	3752876	3754526		RTS_R4_-_1109	3754558;3754659	pORF_-_3752996	aldB
MU-2875	3754699	3755850	RNAP_peak_-_1205			pORF_-_3754699	viaY
MU-2876	3756127	3759277	RNAP_peak_-_1206	RTS_R4_-_1110	3759323	pORF_-_3756040;pORF_-_3757881	selB-selA
MU-2877	3759327	3759977	RNAP_peak_-_1207	RTS_R4_-_1111	3760004	pORF_-_3759370	yibF
MU-2878	3763852	3764077	RNAP_peak_-_1208	RTS_R4_-_1112	3764114		NT
MU-2879	3765602	3765677	RNAP_peak_-_1209	RTS_R4_-_1113	3765702		NT
MU-2880	3768477	3769802	RNAP_peak_-_1210	RTS_R4_-_1114			yibH-yibI
MU-2881	3773827	3774627	RNAP_peak_-_1211	RTS_R4_-_1115	3774469	pORF_-_3774194	yibT
MU-2882	3779677	3780602	RNAP_peak_-_1212	RTS_R4_-_1116	3780704	pORF_-_3779764	cysE
MU-2883	3780627	3782177	RNAP_peak_-_1213	RTS_R4_-_1117	3782183	pORF_-_3780665;pORF_-_3781684	gpsA-secB
MU-2884	3782202	3782577	RNAP_peak_-_1214	RTS_R4_-_1118	3782529	pORF_-_3782214	grxC
MU-2885	3782602	3783052	RNAP_peak_-_1215	RTS_R4_-_1119	3783077	pORF_-_3782607	yibN
MU-2886	3787070	3788104	RNAP_peak_-_1216			pORF_-_3787070	yibD
MU-2887	3788352	3790602	RNAP_peak_-_1217	RTS_R4_-_1120	3790746	pORF_-_3788343;pORF_-_3789378	tdh-kbl
MU-2888	3790827	3791802	RNAP_peak_-_1218	RTS_R4_-_1121	3791734		htrL
MU-2889	3794877	3797027	RNAP_peak_-_1219	RTS_R4_-_1122	3796838	pORF_-_3796262	waaU
MU-2890	3797327	3799054	RNAP_peak_-_1220	RTS_R4_-_1123	3799018;3799105;3799236	pORF_-_3798290	rfaZ-rfaY
MU-2891	3799104	3800404	RNAP_peak_-_1221	RTS_R4_-_1124	3800527;3800542	pORF_-_3799006	rfaJ
MU-2892	3800454	3802454	RNAP_peak_-_1222	RTS_R4_-_1125	3802583	pORF_-_3800062;pORF_-_3801081	rfaI-rfaB
MU-2893	3802604	3803756	RNAP_peak_-_1223	RTS_R4_-_1126	3803796;3804755;3806260	pORF_-_3802204	rfaS-rfaP
MU-2894	3803806	3804856	RNAP_peak_-_1224	RTS_R4_-_1127			rfaG
MU-2895	3804881	3806281	RNAP_peak_-_1225	RTS_R4_-_1128		pORF_-_3805087	rfaQ
MU-2896	3808206	3809181	RNAP_peak_-_1226	RTS_R4_-_1129	3809198	pORF_-_3808366	mutM

MU-2897	3809281	3810006	RNAP_peak_-_1227	RTS_R4_-_1130	3809827;3809987	pORF_-_3809273;pORF_-_3809461	rpmG-rpmB
MU-2898	3809914	3810582	RNAP_peak_-_1228				yicR
MU-2899	3813456	3814581	RNAP_peak_-_1229	RTS_R4_-_1131	3814579	pORF_-_3813150;pORF_-_3813886	pyrE-rph
MU-2900	3817511	3819193	RNAP_peak_-_1230				ligB
MU-2901	3825231	3826856	RNAP_peak_-_1231	RTS_R4_-_1132	3826724;3826788	pORF_-_3825483	gltS
MU-2902	3830242	3833952	RNAP_peak_-_1232				yicI-yicJ
MU-2903	3836631	3838081	RNAP_peak_-_1233	RTS_R4_-_1133	3838039	pORF_-_3837198	nlpA
MU-2904	3838572	3839762	RNAP_peak_-_1234		3839794		nepI
MU-2905	3839973	3841812	RNAP_peak_-_1235				yicN-yicO
MU-2906	3843806	3843981	RNAP_peak_-_1236	RTS_R4_-_1134			NT
MU-2907	3843799	3845190					uhpT
MU-2908	3845306	3850806	RNAP_peak_-_1237	RTS_R4_-_1135	3850893	pORF_-_3848159;pORF_-_3848825;pORF_-_3849119	uhpC-uhpB-uhpA-ilvN-ilvB
MU-2909	3850831	3851033	RNAP_peak_-_1238	RTS_R4_-_1136	3851039		ivbL
MU-2910	3851141	3851280	RNAP_peak_-_1239		3851215;3851280		istR
MU-2911	3853608	3854408	RNAP_peak_-_1240	RTS_R4_-_1137	3854408;3854437		yidF-yidG-yidH
MU-2912	3854934	3858139	RNAP_peak_-_1241			pORF_-_3856424	yidJ-yidK
MU-2913	3859196	3861626					glvG-glvC
MU-2914	3862658	3864333	RNAP_peak_-_1242	RTS_R4_-_1138			yidE
MU-2915	3864483	3865008	RNAP_peak_-_1243	RTS_R4_-_1139	3865000;3865032	pORF_-_3864492	ibpB
MU-2916	3865033	3865708	RNAP_peak_-_1244	RTS_R4_-_1140	3865541	pORF_-_3865032	ibpA
MU-2917	3866508	3867283		RTS_R4_-_1141	3867318	pORF_-_3866085	yidR
MU-2918	3870268	3873318	RNAP_peak_-_1245	RTS_R4_-_1142	3873209	pORF_-_3869873;pORF_-_3872494	dgoT-dgoD-dgoA-dgoK-dgoR
MU-2919	3874168	3874968	RNAP_peak_-_1246	RTS_R4_-_1143	3875000	pORF_-_3874163	yidA
MU-2920	3875018	3875493	RNAP_peak_-_1247	RTS_R4_-_1144	3875526	pORF_-_3875090	yidB
MU-2921	3875618	3878271	RNAP_peak_-_1248	RTS_R4_-_1145	3878175	pORF_-_3875728	gyrB
MU-2922	3878296	3879721	RNAP_peak_-_1249	RTS_R4_-_1146	3879914	pORF_-_3878171	recF
MU-2923	3879746	3881971	RNAP_peak_-_1250	RTS_R4_-_1147	3881901	pORF_-_3879244;pORF_-_3880349	dnaN-dnaA
MU-2924	3891497	3891822	RNAP_peak_-_1251	RTS_R4_-_1148	3891867		NT
MU-2925	3893297	3894647	RNAP_peak_-_1252	RTS_R4_-_1149	3894662	pORF_-_3893295	yieG
MU-2926	3896694	3898600	RNAP_peak_-_1253				yieK-yieL
MU-2927	3896694	3900243	RNAP_peak_-_1254				yieK-yieL-bglH
MU-2928	3900312	3904590				pORF_-_3900312;pORF_-_3903754	bglB-bglF-bglG
MU-2929	3904873	3909582	RNAP_peak_-_1255	RTS_R4_-_1150	3909724	pORF_-_3904876;pORF_-_3905616;pORF_-_3906572;pORF_-_3907462;pORF_-_3908508	phoU-pstB-pstA-pstC-pstS
MU-2930	3909882	3913357	RNAP_peak_-_1256	RTS_R4_-_1151	3913244;3913348	pORF_-_3909862;pORF_-_3911853	glmS-glmU

MU-2931	3913582	3920707	RNAP_peak_-_1257	RTS_R4_-_1152	3920513	pORF_-_3913576;pORF_-_3914016;pORF_-_3915425;pORF_-_3916339;pORF_-_3917893;pORF_-_3918441;pORF_-_3918973;pORF_-_3919259	atpC-atpD-atpG-atpA-atpH-atpF-atpE-atpB-atpI
MU-2932	3921007	3923732	RNAP_peak_-_1258	RTS_R4_-_1153	3923686;3923702	pORF_-_3921080;pORF_-_3921767	gidB-mnmG
MU-2933	3923807	3924532	RNAP_peak_-_1259	RTS_R4_-_1154	3924499	pORF_-_3924035	mioC
MU-2934	3924632	3925007	RNAP_peak_-_1260	RTS_R4_-_1155	3925053	pORF_-_3924568	asnC
MU-2935	3926132	3927682	RNAP_peak_-_1261	RTS_R4_-_1156	3927702;3927781	pORF_-_3926175	viaA
MU-2936	3927732	3929157	RNAP_peak_-_1262	RTS_R4_-_1157	3929153	pORF_-_3927620	ravA
MU-2937	3938057	3939432	RNAP_peak_-_1263	RTS_R4_-_1158	3939377	pORF_-_3938658	hsrA-yieP
MU-2938	3945088	3946063	RNAP_peak_-_1264	RTS_R4_-_1159	3946015	pORF_-_3945151	hdfR
MU-2939	3946472	3947992	RNAP_peak_-_1265				yifB
MU-2940	3954632	3955961	RNAP_peak_-_1266	RTS_R4_-_1160	3955895		ilvY
MU-2941	3957586	3957911	RNAP_peak_-_1267	RTS_R4_-_1161	3957862	pORF_-_3957555	ppiC
MU-2942	3958036	3958486	RNAP_peak_-_1268	RTS_R4_-_1162	3958493		yifN
MU-2943	3960761	3963736	RNAP_peak_-_1269	RTS_R4_-_1163	3963691	pORF_-_3960768;pORF_-_3962388	gpp-rhIB
MU-2944	3982537	3983937	RNAP_peak_-_1270	RTS_R4_-_1164	3984114		aslA
MU-2945	3984737	3987412	RNAP_peak_-_1271	RTS_R4_-_1165	3987236;3987493	pORF_-_3984709;pORF_-_3985908	hemY-hemX
MU-2946	3987437	3988937	RNAP_peak_-_1272	RTS_R4_-_1166	3988812	pORF_-_3987111;pORF_-_3987848	hemD-hemC
MU-2947	3991490	3992115	RNAP_peak_-_1273	RTS_R4_-_1167	3992106	pORF_-_3991762	cyaY
MU-2948	3998315	3999079	RNAP_peak_-_1274				yigE
MU-2949	4000442	4001216	RNAP_peak_-_1275				yigF-yigG
MU-2950	4001315	4002715	RNAP_peak_-_1276	RTS_R4_-_1168	4002748	pORF_-_4002253	rarD-yigI
MU-2951	4006340	4007065	RNAP_peak_-_1277	RTS_R4_-_1169	4007109		rhtB
MU-2952	4009240	4010940	RNAP_peak_-_1278	RTS_R4_-_1170	4010878	pORF_-_4009886	metR
MU-2953	4013290	4014340	RNAP_peak_-_1279	RTS_R4_-_1171	4014216	pORF_-_4013377	ysgA
MU-2954	4022365	4023065	RNAP_peak_-_1280	RTS_R4_-_1172	4022866	pORF_-_4022356	rfaH
MU-2955	4025315	4029017	RNAP_peak_-_1281	RTS_R4_-_1173	4029036	pORF_-_4025632;pORF_-_4026805	fadA-fadB
MU-2956	4038920	4040120	RNAP_peak_-_1282	RTS_R4_-_1174	4040165	pORF_-_4039438	mobB-mobA
MU-2957	4043881	4044581	RNAP_peak_-_1283	RTS_R4_-_1175	4044649	pORF_-_4043693	yihG
MU-2958	4048056	4048806	RNAP_peak_-_1284	RTS_R4_-_1176	4048811;4048817	pORF_-_4048156	yihA
MU-2959	4051406	4051831	RNAP_peak_-_1285	RTS_R4_-_1177	4051800		NT
MU-2960	4051881	4054356	RNAP_peak_-_1286	RTS_R4_-_1178		pORF_-_4051892;pORF_-_4053313	glnG-glnL
MU-2961	4054381	4056206	RNAP_peak_-_1287	RTS_R4_-_1179	4056075;4056101;4056109;4056129	pORF_-_4054648	glnA
MU-2962	4061626	4062318	RNAP_peak_-_1288				ompL
MU-2963	4062386	4067299	RNAP_peak_-_1289			pORF_-_4065263	yihO-yihP-yihQ

MU-2964	4067498	4068424					yihR
MU-2965	4068538	4071594					yihS-yihT-yihU
MU-2966	4078433	4079383	RNAP_peak_-_1290	RTS_R4_-_1180	4079332;4079351;4079384	pORF_-_4078322	fdhE
MU-2967	4079433	4083958	RNAP_peak_-_1291	RTS_R4_-_1181	4083953;4083987	pORF_-_4079248;pORF_-_4079880;pORF_-_4080795;pORF_-_4083258	fdoI-fdoH-fdoG
MU-2968	4086130	4090846	RNAP_peak_-_1292				frvR-frvX-frvB-frvA
MU-2969	4091147	4095471					rhaM-rhaD-rhaA-rhaB
MU-2970	4096970	4098720	RNAP_peak_-_1293	RTS_R4_-_1182	4098605;4098760	pORF_-_4097514	rhaT
MU-2971	4100395	4100770	RNAP_peak_-_1294	RTS_R4_-_1183	4100760		NT
MU-2972	4101570	4104045	RNAP_peak_-_1295	RTS_R4_-_1184	4103708;4103751	pORF_-_4101625;pORF_-_4102995	cpxA-cpxR
MU-2973	4108798	4109698	RNAP_peak_-_1296	RTS_R4_-_1185	4109564;4109592;4109598	pORF_-_4108763	tpiA
MU-2974	4109748	4110223	RNAP_peak_-_1297	RTS_R4_-_1186	4110260		yiiQ
MU-2975	4111648	4112523	RNAP_peak_-_1298	RTS_R4_-_1187	4112520	pORF_-_4111749	fpr
MU-2976	4112623	4113598		RTS_R4_-_1188	4113626	pORF_-_4112592	glpX
MU-2977	4113998	4115748	RNAP_peak_-_1299	RTS_R4_-_1189		pORF_-_4113737	glpK-glpF
MU-2978	4116898	4117398	RNAP_peak_-_1300	RTS_R4_-_1190	4117379	pORF_-_4116868	rraA
MU-2979	4117448	4118398	RNAP_peak_-_1301	RTS_R4_-_1191	4118424;4118430		menA
MU-2980	4118448	4120323	RNAP_peak_-_1302	RTS_R4_-_1192	4120333;4120371	pORF_-_4118439;pORF_-_4119780	hslU-hslV
MU-2981	4120373	4121123	RNAP_peak_-_1303	RTS_R4_-_1193		pORF_-_4120403	ftsN
MU-2982	4121148	4122523	RNAP_peak_-_1304	RTS_R4_-_1194	4122533	pORF_-_4121454	cytR
MU-2983	4122673	4124898	RNAP_peak_-_1305	RTS_R4_-_1195	4124857	pORF_-_4122635	priA
MU-2984	4125298	4126548	RNAP_peak_-_1306	RTS_R4_-_1196	4126446;4126488;4126552	pORF_-_4126101	yiiX-metJ
MU-2985	4131373	4131773	RNAP_peak_-_1307	RTS_R4_-_1197	4131790		NT
MU-2986	4135063	4135680				pORF_-_4135063	yijF
MU-2987	4136123	4140223		RTS_R4_-_1198		pORF_-_4135955;pORF_-_4137069;pORF_-_4137743	gldA-fsaB-ptsA
MU-2988	4145673	4146323	RNAP_peak_-_1308	RTS_R4_-_1199	4146619		yijO
MU-2989	4146423	4148323	RNAP_peak_-_1309	RTS_R4_-_1200	4148374	pORF_-_4146555	yijP
MU-2990	4148473	4151273	RNAP_peak_-_1310	RTS_R4_-_1201	4151210	pORF_-_4148470	ppc
MU-2991	4151373	4153198		RTS_R4_-_1202	4152919;4153098	pORF_-_4151719	argE
MU-2992	4156348	4156398	RNAP_peak_-_1311	RTS_R4_-_1203	4156365		oxyS
MU-2993	4157273	4158810	RNAP_peak_-_1312	RTS_R4_-_1204	4158845	pORF_-_4157413	sthA
MU-2994	4159885	4161285	RNAP_peak_-_1313	RTS_R4_-_1205	4161318	pORF_-_4160193	trmA
MU-2995	4164310	4164560	RNAP_peak_-_1314	RTS_R4_-_1206			NT
MU-2996	4172110	4173110	RNAP_peak_-_1315	RTS_R4_-_1207	4173130	pORF_-_4172099	coaA
MU-2997	4188399	4188599	RNAP_peak_-_1316	RTS_R4_-_1208	4188551		sroH
MU-2998	4188649	4194324	RNAP_peak_-_1317	RTS_R4_-_1209	4194323;4194398	pORF_-_4188758;pORF_-_4189888;pORF_-_4190660;pORF_-_4190844;pORF_-_4191592;pORF_-_4192227	thiH-thiG-thiS-thiF-thiE-thiC
MU-2999	4194349	4194949	RNAP_peak_-_1318	RTS_R4_-_1210	4194882;4194977	pORF_-_4194355	rsd
MU-3000	4199249	4199699		RTS_R4_-_1211	4199735		zraP

MU-3001	4202624	4205574	RNAP_peak_-_1319	RTS_R4_-_1212	4205593	pORF_-_4202665;pORF_-_4203966	purD-purH
MU-3002	4211302	4212102	RNAP_peak_-_1320	RTS_R4_-_1213	4212165		yjaB
MU-3003	4218324	4220510	RNAP_peak_-_1321				arpA
MU-3004	4220832	4221657	RNAP_peak_-_1322	RTS_R4_-_1214	4221675	pORF_-_4220827	iclR
MU-3005	4227707	4228157	RNAP_peak_-_1323	RTS_R4_-_1215	4228191	pORF_-_4227476	pepE
MU-3006	4229258	4229708	RNAP_peak_-_1324	RTS_R4_-_1216	4229722	pORF_-_4229382	pagB
MU-3007	4229733	4231533	RNAP_peak_-_1325	RTS_R4_-_1217	4231560	pORF_-_4229907	lysC
MU-3008	4237783	4238158	RNAP_peak_-_1326	RTS_R4_-_1218	4238277		yjbT
MU-3009	4238802	4240277	RNAP_peak_-_1327			pORF_-_4238802	xylE
MU-3010	4240958	4244459	RNAP_peak_-_1328	RTS_R4_-_1219	4244488	pORF_-_4243252	malG-malF-malE
MU-3011	4252059	4254642	RNAP_peak_-_1329	RTS_R4_-_1220	4254658	pORF_-_4252066	plsB
MU-3012	4257492	4258042	RNAP_peak_-_1330	RTS_R4_-_1221	4258054	pORF_-_4257511	zur
MU-3013	4261292	4262292	RNAP_peak_-_1331	RTS_R4_-_1222	4262317;4262327	pORF_-_4261271	qor
MU-3014	4266832	4267035	RNAP_peak_-_1332				yjbS
MU-3015	4269167	4271942	RNAP_peak_-_1333	RTS_R4_-_1223	4271914	pORF_-_4269072	uvrA
MU-3016	4272817	4273167	RNAP_peak_-_1334	RTS_R4_-_1224	4273158		yjcB
MU-3017	4275067	4275417	RNAP_peak_-_1335	RTS_R4_-_1225	4275432;4275446		soxS
MU-3018	4275942	4276092	RNAP_peak_-_1336	RTS_R4_-_1226	4276089		ryjA
MU-3019	4279806	4281098	RNAP_peak_-_1337				yjcF
MU-3020	4281292	4285393	RNAP_peak_-_1338	RTS_R4_-_1227	4285413	pORF_-_4281276;pORF_-_4282922;pORF_-_4283436	actP-yjch-acs
MU-3021	4293868	4295143	RNAP_peak_-_1339	RTS_R4_-_1228	4295172	pORF_-_4294459	yjcO
MU-3022	4295368	4297493	RNAP_peak_-_1340	RTS_R4_-_1229	4297441		fdhF
MU-3023	4297587	4302426	RNAP_peak_-_1341			pORF_-_4301101	mdtP-mdtO-mdtN-ytcA
MU-3024	4302635	4304620	RNAP_peak_-_1342			pORF_-_4302635	yjcS
MU-3025	4304893	4309003	RNAP_peak_-_1343			pORF_-_4306512;pORF_-_4307471	alsK-alsE-alsC-alsA
MU-3026	4310194	4311019	RNAP_peak_-_1344	RTS_R4_-_1230	4311039	pORF_-_4310124	alsB-rpiR
MU-3027	4312369	4313694	RNAP_peak_-_1345	RTS_R4_-_1231	4313646		phnP-phnO
MU-3028	4313548	4323188				pORF_-_4315238;pORF_-_4316029;pORF_-_4322400	phnN-phnM-phnL-phnK-phnJ-phnI-phnH-phnG-phnF-phnE-phnD-phnC
MU-3029	4323319	4323769	RNAP_peak_-_1346	RTS_R4_-_1232	4323744;4323789	pORF_-_4323321	yjdN
MU-3030	4323844	4324819	RNAP_peak_-_1347	RTS_R4_-_1233	4324818	pORF_-_4324422	yjdM
MU-3031	4330294	4332269	RNAP_peak_-_1348	RTS_R4_-_1234	4332070	pORF_-_4331305	basS-basR
MU-3032	4331970	4333613					eptA
MU-3033	4333717	4335952	RNAP_peak_-_1349				adiC-adiY
MU-3034	4336277	4338547				pORF_-_4336277	adiA
MU-3035	4338769	4339644	RNAP_peak_-_1350	RTS_R4_-_1235	4339673		melR
MU-3036	4342994	4347069	RNAP_peak_-_1351	RTS_R4_-_1236	4347112	pORF_-_4343703;pORF_-_4345427	yjdB-fumB-dcuB
MU-3037	4347298	4348573	RNAP_peak_-_1352	RTS_R4_-_1237	4348570	pORF_-_4347338	dcuR
MU-3038	4348673	4349723	RNAP_peak_-_1353	RTS_R4_-_1238	4349711		dcuS
MU-3039	4351248	4352848	RNAP_peak_-_1354	RTS_R4_-_1239	4352820	pORF_-_4351223	lysU
MU-3040	4352973	4353898	RNAP_peak_-_1355	RTS_R4_-_1240	4353810		yjDL

MU-3041	4354493	4358054	RNAP_peak_-_1356			pORF_-_4354493	cadA-cadB
MU-3042	4358419	4359957	RNAP_peak_-_1357		4359983		cadC
MU-3043	4360214	4360376	RNAP_peak_-_1358				yjdQ
MU-3044	4360574	4360649	RNAP_peak_-_1359	RTS_R4_-_1241			pheU
MU-3045	4360674	4361249	RNAP_peak_-_1360	RTS_R4_-_1242	4361353	pORF_-_4360756	yjdC
MU-3046	4361274	4363574	RNAP_peak_-_1361	RTS_R4_-_1243	4363567	pORF_-_4361368;pORF_-_4363041	dipZ-cutA
MU-3047	4363624	4364849	RNAP_peak_-_1362	RTS_R4_-_1244	4364954	pORF_-_4363495	dcuA
MU-3048	4364899	4366424	RNAP_peak_-_1363	RTS_R4_-_1245	4366481;4366576	pORF_-_4364914	aspA
MU-3049	4367249	4368449	RNAP_peak_-_1364	RTS_R4_-_1246	4368478		yjeH
MU-3050	4371388	4372257	RNAP_peak_-_1365		4372334		yjeJ
MU-3051	4372649	4373774	RNAP_peak_-_1366	RTS_R4_-_1247	4373707;4373723		yjeK
MU-3052	4375024	4375749	RNAP_peak_-_1367	RTS_R4_-_1248	4375769	pORF_-_4375212	bic
MU-3053	4375999	4376974	RNAP_peak_-_1368	RTS_R4_-_1249	4377026	pORF_-_4375834	ampC
MU-3054	4377074	4380424	RNAP_peak_-_1369	RTS_R4_-_1250	4380421;4380437	pORF_-_4377806;pORF_-_4378533	frdD-frdC-frdB-frdA
MU-3055	4383999	4388449	RNAP_peak_-_1370	RTS_R4_-_1251	4388446	pORF_-_4384070;pORF_-_4387415	yjeP-psd
MU-3056	4388474	4389575	RNAP_peak_-_1371	RTS_R4_-_1252	4389612	pORF_-_4388480	rsgA
MU-3057	4391077	4392077	RNAP_peak_-_1372	RTS_R4_-_1253	4392071		yjeS
MU-3058	4413870	4414895	RNAP_peak_-_1373	RTS_R4_-_1254	4414787	pORF_-_4414464	yjFN-yjFO
MU-3059	4415695	4416470	RNAP_peak_-_1374	RTS_R4_-_1255	4416493;4416505	pORF_-_4415721	ulaR
MU-3060	4416745	4417595		RTS_R4_-_1256	4417675;4417700		ulaG
MU-3061	4422495	4422845	RNAP_peak_-_1375	RTS_R4_-_1257	4422866	pORF_-_4422539	yjfY
MU-3062	4424651	4425445	RNAP_peak_-_1376		4425738	pORF_-_4424651	yjfZ
MU-3063	4426070	4426820	RNAP_peak_-_1377	RTS_R4_-_1258	4426842	pORF_-_4426102	ytfB
MU-3064	4427395	4427695	RNAP_peak_-_1378	RTS_R4_-_1259	4427737;4427775		NT
MU-3065	4429445	4429995		RTS_R4_-_1260	4430032		ytfE
MU-3066	4430114	4431088	RNAP_peak_-_1379		4431075;4431141;4431182		ytfF
MU-3067	4431245	4432045	RNAP_peak_-_1380	RTS_R4_-_1261	4432075	pORF_-_4431187	ytfG
MU-3068	4432720	4434620	RNAP_peak_-_1381	RTS_R4_-_1262	4434652	pORF_-_4432645	cpdB
MU-3069	4436795	4437345	RNAP_peak_-_1382	RTS_R4_-_1263	4437333	pORF_-_4436731	ytfJ
MU-3070	4437896	4439397	RNAP_peak_-_1383	RTS_R4_-_1264	4439273;4439407	pORF_-_4437895	ytfL
MU-3071	4439472	4440272	RNAP_peak_-_1384	RTS_R4_-_1265	4440285	pORF_-_4439561	msrA
MU-3072	4447147	4447697	RNAP_peak_-_1385	RTS_R4_-_1266	4447709	pORF_-_4447145	ppa
MU-3073	4452647	4453772	RNAP_peak_-_1386	RTS_R4_-_1267	4453663;4453669	pORF_-_4452634	fbp
MU-3074	4455147	4455947	RNAP_peak_-_1387	RTS_R4_-_1268	4455910	pORF_-_4455337	yjgA
MU-3075	4458072	4460831	RNAP_peak_-_1388	RTS_R4_-_1269	4460853	pORF_-_4458545	nrdG-nrdD
MU-3076	4462881	4465331	RNAP_peak_-_1389	RTS_R4_-_1270	4465297;4465303	pORF_-_4462782;pORF_-_4464322	treC-treB-treR
MU-3077	4468460	4468935	RNAP_peak_-_1390	RTS_R4_-_1271	4468967	pORF_-_4468550	yjgF
MU-3078	4468960	4470710	RNAP_peak_-_1391	RTS_R4_-_1272	4470574	pORF_-_4469009;pORF_-_4469483	pyrI-pyrB-pyrL
MU-3079	4470760	4471260	RNAP_peak_-_1392	RTS_R4_-_1273	4471189		yjgH
MU-3080	4471410	4472060	RNAP_peak_-_1393	RTS_R4_-_1274	4472082		yjgI
MU-3081	4475235	4476335	RNAP_peak_-_1394	RTS_R4_-_1275	4476367	pORF_-_4475330	argI

MU-3082	4477085	4477560	RNAP_peak_-_1395	RTS_R4_-_1276	4477592	pORF_-_4477057	yjgM
MU-3083	4479013	4481938	RNAP_peak_-_1396	RTS_R4_-_1277	4481941;4481950	pORF_-_4479005	valS
MU-3084	4481963	4482338	RNAP_peak_-_1397	RTS_R4_-_1278	4482296	pORF_-_4481860	holC
MU-3085	4482363	4484138	RNAP_peak_-_1398	RTS_R4_-_1279	4484124;4484133;4484159	pORF_-_4482463	pepA
MU-3086	4486488	4488088	RNAP_peak_-_1399	RTS_R4_-_1280	4488106	pORF_-_4486584	yjgR
MU-3087	4488138	4489613	RNAP_peak_-_1400	RTS_R4_-_1281	4489571;4489668	pORF_-_4488164	idnR
MU-3088	4489229	4492429	RNAP_peak_-_1401			pORF_-_4490610	idnT-idnO-idnD
MU-3089	4493338	4494238	RNAP_peak_-_1402	RTS_R4_-_1282	4494256	pORF_-_4493213	yjgB
MU-3090	4497288	4497538	RNAP_peak_-_1403	RTS_R4_-_1283	4497552		NT
MU-3091	4498063	4498513	RNAP_peak_-_1404	RTS_R4_-_1284	4498527		NT
MU-3092	4497616	4498814	RNAP_peak_-_1405				yjgX
MU-3093	4500163	4501438	RNAP_peak_-_1406	RTS_R4_-_1285	4501480		insG
MU-3094	4504713	4504888	RNAP_peak_-_1407	RTS_R4_-_1286	4504927		yjhD
MU-3095	4505488	4506688	RNAP_peak_-_1408	RTS_R4_-_1287	4506740		insI
MU-3096	4506699	4506965					insM
MU-3097	4508620	4512720	RNAP_peak_-_1409	RTS_R4_-_1288	4512624	pORF_-_4509481;pORF_-_4511429	fecE-fecD-fecC-fecB
MU-3098	4512995	4516270	RNAP_peak_-_1410	RTS_R4_-_1289	4516274;4516286	pORF_-_4512376	fecA-fecR-fecI
MU-3099	4516620	4518470	RNAP_peak_-_1411	RTS_R4_-_1290	4518437	pORF_-_4517361	yjhU
MU-3100	4518694	4520043	RNAP_peak_-_1412				yjhF
MU-3101	4520150	4522117	RNAP_peak_-_1413				yjhG
MU-3102	4522128	4523826	RNAP_peak_-_1414				yjhH-yjhI
MU-3103	4524420	4525870	RNAP_peak_-_1415	RTS_R4_-_1291	4526043		sgcR-sgcE-sgcA
MU-3104	4525920	4529670	RNAP_peak_-_1416	RTS_R4_-_1292	4529709	pORF_-_4526134;pORF_-_4528278;pORF_-_4528553	sgcQ-sgcC-sgcB-sgcX
MU-3105	4529945	4530345		RTS_R4_-_1293	4530385		yjhY
MU-3106	4530445	4531920	RNAP_peak_-_1417	RTS_R4_-_1294	4531869		yjhP-yjhQ-yjhX
MU-3107	4532453	4532698	RNAP_peak_-_1418				yjhZ
MU-3108	4534637	4535617					yjhS
MU-3109	4535645	4536895	RNAP_peak_-_1419	RTS_R4_-_1295	4536784	pORF_-_4535682	nanM
MU-3110	4536808	4537524	RNAP_peak_-_1420				nanC
MU-3111	4547846	4549271		RTS_R4_-_1296	4549357		gntP
MU-3112	4553513	4554343	RNAP_peak_-_1421				yjiC
MU-3113	4555571	4556371	RNAP_peak_-_1422	RTS_R4_-_1297	4556259;4556338	pORF_-_4555401	yjiE
MU-3114	4556396	4557646	RNAP_peak_-_1423	RTS_R4_-_1298	4557566;4557613	pORF_-_4556377	iadA
MU-3115	4558121	4558872		RTS_R4_-_1299	4558769	pORF_-_4558020	yjiG-yjiH
MU-3116	4559772	4565198	RNAP_peak_-_1424	RTS_R4_-_1300	4565269	pORF_-_4562722;pORF_-_4563989	yjiJ-yjiK-yjiL-yjiM-yjiN
MU-3117	4565323	4566756	RNAP_peak_-_1425	RTS_R4_-_1301	4566662;4566790		mdtM
MU-3118	4568306	4569631	RNAP_peak_-_1426	RTS_R4_-_1302	4569656		yjiR
MU-3119	4576044	4577344	RNAP_peak_-_1427	RTS_R4_-_1303	4577384	pORF_-_4574935;pORF_-_4575981	mcrC-mcrB
MU-3120	4577570	4577845	RNAP_peak_-_1428	RTS_R4_-_1304	4577938		symE
MU-3121	4578170	4581221	RNAP_peak_-_1429	RTS_R4_-_1305	4581252;4581296;4581329	pORF_-_4578091;pORF_-_4579482	hsdS-hsdM
MU-3122	4581271	4584849	RNAP_peak_-_1430	RTS_R4_-_1306	4584833	pORF_-_4581272	hsdR

MU-3123	4585949	4587049		RTS_R4_-_1307	4587083		pORF_-_4585932	yjiA-yjiX
MU-3124	4587224	4589374	RNAP_peak_-_1431	RTS_R4_-_1308	4589376		pORF_-_4587152	yjiY
MU-3125	4591384	4592745	RNAP_peak_-_1432					yjjL
MU-3126	4593224	4593899		RTS_R4_-_1309	4593888		pORF_-_4592960	yjjM
MU-3127	4595174	4597499	RNAP_peak_-_1433	RTS_R4_-_1310	4597516		pORF_-_4595173	mdbB
MU-3128	4597724	4599599	RNAP_peak_-_1434	RTS_R4_-_1311	4599580;4599620		pORF_-_4597718;pORF_-_4598261;pORF_-_4599001	yjjA-dnaC-dnaT
MU-3129	4600324	4600899	RNAP_peak_-_1435	RTS_R4_-_1312	4600916			yjjB-yjjP
MU-3130	4602599	4603699	RNAP_peak_-_1436	RTS_R4_-_1313	4603716		pORF_-_4602898	fhuF
MU-3131	4604049	4604424	RNAP_peak_-_1437	RTS_R4_-_1314	4604459			leuV-leuP-leuQ
MU-3132	4604624	4605724	RNAP_peak_-_1438	RTS_R4_-_1315	4605745		pORF_-_4604692	rsmC
MU-3133	4614049	4615099	RNAP_peak_-_1439	RTS_R4_-_1316	4615116		pORF_-_4613538	yjjW-yjjI
MU-3134	4621274	4622799	RNAP_peak_-_1440	RTS_R4_-_1317	4622833		pORF_-_4621124;pORF_-_4622168	lplA-ytjB
MU-3135	4626824	4628549	RNAP_peak_-_1441	RTS_R4_-_1318	4628586		pORF_-_4626878	yjjK
MU-3136	4631099	4631774	RNAP_peak_-_1442	RTS_R4_-_1319	4631787;4631795		pORF_-_4631256	yjjX
MU-3137	4632374	4633349	RNAP_peak_-_1443	RTS_R4_-_1320	4633376		pORF_-_4632464	rob
MU-3138	4637618	4638693	RNAP_peak_-_1444	RTS_R4_-_1321	4638355;4638361;4638442;4638618;4638703		pORF_-_4637613	arcA

Supplementary Table 12: Determination of transcription units architecture and calculation of 5'UTR length

TU	Strand	Start	End	Len	MU Assembly	TSS	Current Annotation	Assembly	Promoter	Start	5'UTR Len
TU-0001	FWD	150	5000	4850	MU-1;MU-2	148	thrL;thrA;thrB;thrC		thrL	190	42
TU-0002	FWD	150	5000	4850	MU-1;MU-2	163	thrL;thrA;thrB;thrC		thrL	190	27
TU-0003	FWD	150	5000	4850	MU-1;MU-2	170	thrL;thrA;thrB;thrC		thrL	190	20
TU-0004	FWD	2600	5000	2400	MU-2	2688	thrB;thrC		thrB	2801	113
TU-0005	FWD	5050	5525	475	MU-3	5118	yaaX		yaaX	5234	116
TU-0006	FWD	8200	9200	1000	MU-4	8191	talB		talB	8238	47
TU-0007	FWD	8200	9200	1000	MU-4	8198	talB		talB	8238	40
TU-0008	FWD	8200	9200	1000	MU-4	8204	talB		talB	8238	34
TU-0009	FWD	8200	9200	1000	MU-4	8211	talB		talB	8238	27
TU-0010	FWD	8200	9200	1000	MU-4	8230	talB		talB	8238	8
TU-0011	FWD	9300	10100	800	MU-5	9277	mog		mog	9306	29
TU-0012	FWD	12051	15326	3275	MU-6;MU-7	12048	dnaK;Tpke11;dnaJ		dnaK	12163	115
TU-0013	FWD	12051	15326	3275	MU-6;MU-7	12123	dnaK;Tpke11;dnaJ		dnaK	12163	40
TU-0014	FWD	12051	15326	3275	MU-6;MU-7	12159	dnaK;Tpke11;dnaJ		dnaK	12163	4
TU-0015	FWD	12051	15326	3275	MU-6;MU-7	12142	dnaK;Tpke11;dnaJ		dnaK	12163	21
TU-0016	FWD	14076	15326	1250	MU-7	14052	Tpke11;dnaJ		Tpke11	14080	28
TU-0017	FWD	15351	16801	1450	MU-8	15247	insL		insL	15445	198
TU-0018	FWD	15351	16801	1450	MU-8	15253	insL		insL	15445	192
TU-0019	FWD	15351	16801	1450	MU-8	15276	insL		insL	15445	169
TU-0020	FWD	15351	16801	1450	MU-8	15338	insL		insL	15445	107
TU-0021	FWD	16976	17051	75	MU-9	16959	sokC		sokC	16952	-7
TU-0022	FWD	17576	19701	2125	MU-10	17462	nhaA;nhaR		nhaA	17489	27
TU-0023	FWD	19801	20501	700	MU-11	19727	NT				
TU-0024	FWD	19801	20501	700	MU-11	19742	NT				
TU-0025	FWD	21001	21376	375	MU-12	20912	yaaY		yaaY	21181	269
TU-0026	FWD	21401	24976	3575	MU-13	21383	ribF;ileS		ribF	21407	24
TU-0027	FWD	21401	24976	3575	MU-13	21395	ribF;ileS		ribF	21407	12
TU-0028	FWD	25001	25726	725	MU-14	24971	lspA		lspA	25207	236
TU-0029	FWD	25001	25726	725	MU-14	25006	lspA		lspA	25207	201
TU-0030	FWD	25751	28201	2450	MU-15	25695	fkpB;ispH;rihC		fkpB	25826	131
TU-0031	FWD	25751	28201	2450	MU-15	25698	fkpB;ispH;rihC		fkpB	25826	128
TU-0032	FWD	25751	28201	2450	MU-15	25701	fkpB;ispH;rihC		fkpB	25826	125
TU-0033	FWD	25751	28201	2450	MU-15	25804	fkpB;ispH;rihC		fkpB	25826	22
TU-0034	FWD	28276	29201	925	MU-16	28289	dapB		dapB	28374	85
TU-0035	FWD	28276	29201	925	MU-16	28343	dapB		dapB	28374	31
TU-0036	FWD	29555	34055	4500	MU-17	29551	carA;carB		carA	29651	100
TU-0037	FWD	29555	34055	4500	MU-17	29620	carA;carB		carA	29651	31
TU-0038	FWD	29555	34055	4500	MU-17	29632	carA;carB		carA	29651	19
TU-0039	FWD	34234	34784	550	MU-18	34226	caiF		caiF	34300	74
TU-0040	FWD	34234	34784	550	MU-18	34273	caiF		caiF	34300	27
TU-0041	FWD	42403	45750	3347	MU-19		fixA;fixB;fixC;fixX		fixA	42403	
TU-0042	FWD	45807	47138	1331	MU-20		yaaU		yaaU	45807	
TU-0043	FWD	47234	49509	2275	MU-21	47215	kefF;kefC		kefF	47246	31
TU-0044	FWD	49809	50509	700	MU-22	49788	folA		folA	49823	35

TU-0045	FWD	49809	50509	700 MU-22	49799 folA	folA	49823	24
TU-0046	FWD	57284	58734	1450 MU-23	57259 djIA	djIA	57364	105
TU-0047	FWD	57284	58734	1450 MU-23	57261 djIA	djIA	57364	103
TU-0048	FWD	58784	59709	925 MU-24	58946 yabP	yabP	58474	-472
TU-0049	FWD	70184	71184	1000 MU-25	70221 araC	araC	70387	166
TU-0050	FWD	71234	72284	1050 MU-26	71240 yabI	yabI	71351	111
TU-0051	FWD	71234	72284	1050 MU-26	71271 yabI	yabI	71351	80
TU-0052	FWD	77409	78909	1500 MU-27	77357 sgrS;setA	sgrS	77367	10
TU-0053	FWD	77409	78909	1500 MU-27	77367 sgrS;setA	sgrS	77367	0
TU-0054	FWD	84359	84734	375 MU-28	84298 leuO	leuO	84368	70
TU-0055	FWD	84359	84734	375 MU-28	84307 leuO	leuO	84368	61
TU-0056	FWD	85609	87834	2225 MU-29	85599 ilvI;ilvH	ilvI	85630	31
TU-0057	FWD	85609	87834	2225 MU-29	85604 ilvI;ilvH	ilvI	85630	26
TU-0058	FWD	88009	89159	1150 MU-30	87837 fruR	fruR	88028	191
TU-0059	FWD	88009	89159	1150 MU-30	87868 fruR	fruR	88028	160
TU-0060	FWD	88009	89159	1150 MU-30	87969 fruR	fruR	88028	59
TU-0061	FWD	89634	107459	17825 MU-31;MU-32;MU-33;MU-34;MU-35;MU-36;MU-37;MU-38;MU-39	89589 mraZ;mraW;ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	mraZ	89634	45
TU-0062	FWD	89959	107459	17500 MU-32;MU-33;MU-34;MU-35;MU-36;MU-37;MU-38;MU-39	89954 mraW;ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	mraW	90094	140
TU-0063	FWD	89959	107459	17500 MU-32;MU-33;MU-34;MU-35;MU-36;MU-37;MU-38;MU-39	90014 mraW;ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	mraW	90094	80
TU-0064	FWD	90334	107459	17125 MU-33;MU-34;MU-35;MU-36;MU-37;MU-38;MU-39	90327 ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	ftsL	91032	705
TU-0065	FWD	90709	107459	16750 MU-34;MU-35;MU-36;MU-37;MU-38;MU-39	90682 ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	ftsL	91032	350
TU-0066	FWD	90709	107459	16750 MU-34;MU-35;MU-36;MU-37;MU-38;MU-39	91028 ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	ftsL	91032	4
TU-0067	FWD	93134	107459	14325 MU-35;MU-36;MU-37;MU-38;MU-39	93137 murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	murE	93166	29
TU-0068	FWD	93134	107459	14325 MU-35;MU-36;MU-37;MU-38;MU-39	93145 murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	murE	93166	21
TU-0069	FWD	100784	107459	6675 MU-36;MU-37;MU-38;MU-39	100740 murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	murC	100765	25
TU-0070	FWD	100784	107459	6675 MU-36;MU-37;MU-38;MU-39	100750 murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	murC	100765	15
TU-0071	FWD	102784	107459	4675 MU-37;MU-38;MU-39	102763 ftsQ;ftsA;ftsZ;lpxC	ftsQ	103155	392
TU-0072	FWD	104609	107459	2850 MU-38;MU-39	104560 ftsZ;lpxC	ftsZ	105305	745
TU-0073	FWD	106509	107459	950 MU-39	106507 lpxC	lpxC	106557	50
TU-0074	FWD	106509	107459	950 MU-39	106519 lpxC	lpxC	106557	38
TU-0075	FWD	106509	107459	950 MU-39	106530 lpxC	lpxC	106557	27
TU-0076	FWD	107709	107984	275 MU-40	107561 secM;secA;mutT	secM	107705	144
TU-0077	FWD	108009	111584	3575 MU-41	107977 secA;mutT	secA	108279	302
TU-0078	FWD	108009	111584	3575 MU-41	108025 secA;mutT	secA	108279	254
TU-0079	FWD	108009	111584	3575 MU-41	108119 secA;mutT	secA	108279	160
TU-0080	FWD	108009	111584	3575 MU-41	108132 secA;mutT	secA	108279	147
TU-0081	FWD	113409	114484	1075 MU-42	113396 guaC	guaC	113444	48
TU-0082	FWD	113409	114484	1075 MU-42	113415 guaC	guaC	113444	29

TU-0083	FWD	113409	114484	1075 MU-42	113436 guaC	guaC	113444	8
TU-0084	FWD	118734	120209	1475 MU-43	118701 ampD;ampE	ampD	118733	32
TU-0085	FWD	118734	120209	1475 MU-43	118918 ampD;ampE	ampD	118733	-185
TU-0086	FWD	122063	127588	5525 MU-44;MU-45	122034 pdhR;aceE;aceF;lpd	pdhR	122092	58
TU-0087	FWD	122988	127588	4600 MU-45	122852 aceE;aceF;lpd	aceE	123017	165
TU-0088	FWD	122988	127588	4600 MU-45	122860 aceE;aceF;lpd	aceE	123017	157
TU-0089	FWD	122988	127588	4600 MU-45	122969 aceE;aceF;lpd	aceE	123017	48
TU-0090	FWD	122988	127588	4600 MU-45	122975 aceE;aceF;lpd	aceE	123017	42
TU-0091	FWD	122988	127588	4600 MU-45	122985 aceE;aceF;lpd	aceE	123017	32
TU-0092	FWD	122988	127588	4600 MU-45	122992 aceE;aceF;lpd	aceE	123017	25
TU-0093	FWD	122988	127588	4600 MU-45	123003 aceE;aceF;lpd	aceE	123017	14
TU-0094	FWD	127638	129321	1683 MU-46	127700 lpd	lpd	127912	212
TU-0095	FWD	127638	129321	1683 MU-46	127717 lpd	lpd	127912	195
TU-0096	FWD	129571	129596	25 MU-47	129500 NT			
TU-0097	FWD	130246	130671	425 MU-48	130202 NT			
TU-0098	FWD	131546	134246	2700 MU-49	131519 acnB	acnB	131615	96
TU-0099	FWD	131546	134246	2700 MU-49	131743 acnB	acnB	131615	-128
TU-0100	FWD	134346	134821	475 MU-50	134339 yacl	yacl	134388	49
TU-0101	FWD	137071	138596	1525 MU-51	137044 cueO	cueO	137083	39
TU-0102	FWD	137071	138596	1525 MU-51	137049 cueO	cueO	137083	34
TU-0103	FWD	141371	142596	1225 MU-52	141360 hpt	hpt	141431	71
TU-0104	FWD	141371	142596	1225 MU-52	141407 hpt	hpt	141431	24
TU-0105	FWD	142646	144946	2300 MU-53	142733 yadG;yadH;yadI	yadG	142779	46
TU-0106	FWD	145071	146250	1179 MU-54	145108 yadE	yadE	145081	-27
TU-0107	FWD	146968	147870	902 MU-55	yadD	yadD	146968	
TU-0108	FWD	147600	147825	225 MU-56	147583 NT			
TU-0109	FWD	147600	147825	225 MU-56	147647 NT			
TU-0110	FWD	162101	164526	2425 MU-57	162077 hrpB	hrpB	162105	28
TU-0111	FWD	164601	167226	2625 MU-58	164648 mrcB	mrcB	164730	82
TU-0112	FWD	164601	167226	2625 MU-58	164658 mrcB	mrcB	164730	72
TU-0113	FWD	167451	173576	6125 MU-59;MU-60	167427 fhuA;fhuC;fhuD;fhuB	fhuA	167484	57
TU-0114	FWD	167451	173576	6125 MU-59;MU-60	167443 fhuA;fhuC;fhuD;fhuB	fhuA	167484	41
TU-0115	FWD	169776	173576	3800 MU-60	169728 fhuC;fhuD;fhuB	fhuC	169778	50
TU-0116	FWD	169776	173576	3800 MU-60	169733 fhuC;fhuD;fhuB	fhuC	169778	45
TU-0117	FWD	174951	176576	1625 MU-61	174931 clcA	clcA	175107	176
TU-0118	FWD	174951	176576	1625 MU-61	174975 clcA	clcA	175107	132
TU-0119	FWD	174951	176576	1625 MU-61	175009 clcA	clcA	175107	98
TU-0120	FWD	174951	176576	1625 MU-61	175074 clcA	clcA	175107	33
TU-0121	FWD	176601	177051	450 MU-62	176558 erpA	erpA	176610	52
TU-0122	FWD	176601	177051	450 MU-62	176561 erpA	erpA	176610	49
TU-0123	FWD	176601	177051	450 MU-62	176583 erpA	erpA	176610	27
TU-0124	FWD	176601	177051	450 MU-62	176592 erpA	erpA	176610	18
TU-0125	FWD	179226	180582	1356 MU-63	179264 dgt	dgt	179237	-27
TU-0126	FWD	180882	183582	2700 MU-64	180852 degP;cdaR	degP	180884	32
TU-0127	FWD	180882	183582	2700 MU-64	180859 degP;cdaR	degP	180884	25
TU-0128	FWD	186157	186832	675 MU-65	186142 NT			

TU-0129	FWD	189607	189757	150 MU-66	189639 tff	tff	189712	73
TU-0130	FWD	189807	191707	1900 MU-67	189842 rpsB;tsf	rpsB	189874	32
TU-0131	FWD	189807	191707	1900 MU-67	189866 rpsB;tsf	rpsB	189874	8
TU-0132	FWD	191757	192732	975 MU-68	191754 pyrH	pyrH	191855	101
TU-0133	FWD	191757	192732	975 MU-68	191812 pyrH	pyrH	191855	43
TU-0134	FWD	191757	192732	975 MU-68	191820 pyrH	pyrH	191855	35
TU-0135	FWD	192757	194532	1775 MU-69	192617 frr;dxr	frr	192872	255
TU-0136	FWD	192757	194532	1775 MU-69	192666 frr;dxr	frr	192872	206
TU-0137	FWD	192757	194532	1775 MU-69	192790 frr;dxr	frr	192872	82
TU-0138	FWD	192757	194532	1775 MU-69	192797 frr;dxr	frr	192872	75
TU-0139	FWD	192757	194532	1775 MU-69	192814 frr;dxr	frr	192872	58
TU-0140	FWD	192757	194532	1775 MU-69	192854 frr;dxr	frr	192872	18
TU-0141	FWD	192757	194532	1775 MU-69	192863 frr;dxr	frr	192872	9
TU-0142	FWD	194632	196532	1900 MU-70	194843 ispU;cdsA	ispU	194903	60
TU-0143	FWD	196557	200257	3700 MU-71;MU-72	196415 rseP;bamA	rseP	196546	131
TU-0144	FWD	196557	200257	3700 MU-71;MU-72	196429 rseP;bamA	rseP	196546	117
TU-0145	FWD	197907	200257	2350 MU-72	197823 bamA	bamA	197928	105
TU-0146	FWD	197907	200257	2350 MU-72	197883 bamA	bamA	197928	45
TU-0147	FWD	200282	202007	1725 MU-73	200138 skp;lpxD	skp	200482	344
TU-0148	FWD	200282	202007	1725 MU-73	200212 skp;lpxD	skp	200482	270
TU-0149	FWD	200282	202007	1725 MU-73	200256 skp;lpxD	skp	200482	226
TU-0150	FWD	200282	202007	1725 MU-73	200299 skp;lpxD	skp	200482	183
TU-0151	FWD	200282	202007	1725 MU-73	200305 skp;lpxD	skp	200482	177
TU-0152	FWD	200282	202007	1725 MU-73	200317 skp;lpxD	skp	200482	165
TU-0153	FWD	200282	202007	1725 MU-73	200378 skp;lpxD	skp	200482	104
TU-0154	FWD	200282	202007	1725 MU-73	200387 skp;lpxD	skp	200482	95
TU-0155	FWD	200282	202007	1725 MU-73	200399 skp;lpxD	skp	200482	83
TU-0156	FWD	202032	208407	6375 MU-74	202019 fabZ;lpxA;lpxB;rnhB;dnaE	fabZ	202101	82
TU-0157	FWD	202032	208407	6375 MU-74	202066 fabZ;lpxA;lpxB;rnhB;dnaE	fabZ	202101	35
TU-0158	FWD	202032	208407	6375 MU-74	202074 fabZ;lpxA;lpxB;rnhB;dnaE	fabZ	202101	27
TU-0159	FWD	202032	208407	6375 MU-74	202082 fabZ;lpxA;lpxB;rnhB;dnaE	fabZ	202101	19
TU-0160	FWD	208432	209582	1150 MU-75	208412 accA	accA	208621	209
TU-0161	FWD	209682	211757	2075 MU-76	209658 ldcC	ldcC	209679	21
TU-0162	FWD	211782	213682	1900 MU-77	211858 yaeR;tilS	yaeR	211877	19
TU-0163	FWD	214307	216107	1800 MU-78;MU-79	214269 yaeQ;yaeJ;nlpE	yaeQ	214291	22
TU-0164	FWD	214307	216107	1800 MU-78;MU-79	214284 yaeQ;yaeJ;nlpE	yaeQ	214291	7
TU-0165	FWD	215332	216107	775 MU-79	215123 nlpE	nlpE	215269	146
TU-0166	FWD	222832	223707	875 MU-80	222806 gmhB	gmhB	222833	27
TU-0167	FWD	223732	225607	1875 MU-81	223771 rrsH;ileV;alaV	rrsH	223771	0
TU-0168	FWD	225632	229012	3380 MU-82	225711 rrlH;rrfH;aspU	rrlH	225759	48
TU-0169	FWD	229162	229862	700 MU-83	229134 dkgB	dkgB	229167	33
TU-0170	FWD	231087	232587	1500 MU-84	231063 yafD;yafE	yafD	231122	59
TU-0171	FWD	234813	235463	650 MU-85	234785 yafS	yafS	234816	31
TU-0172	FWD	235963	236888	925 MU-86	236021 dnaQ	dnaQ	236067	46
TU-0173	FWD	236938	237038	100 MU-87	236861 aspV	aspV	236931	70
TU-0174	FWD	237335	238120	785 MU-88	yafT	yafT	237335	

TU-0175	FWD	238462	238586	124 MU-89	C0067	C0067	238462	
TU-0176	FWD	239106	239378	272 MU-90	yafF	yafF	239106	
TU-0177	FWD	240338	240813	475 MU-91	240333 ivy	ivy	240343	10
TU-0178	FWD	243488	245313	1825 MU-92	243512 lpcA;yafJ	lpcA	243543	31
TU-0179	FWD	243488	245313	1825 MU-92	243522 lpcA;yafJ	lpcA	243543	21
TU-0180	FWD	246688	248038	1350 MU-93	246656 yafL;yafM	yafL	246712	56
TU-0181	FWD	248138	248338	200 MU-94	248128 NT			
TU-0182	FWD	250538	250788	250 MU-95	250492 lafU	lafU	250072	-420
TU-0183	FWD	250863	251838	975 MU-96	250883 dinB	dinB	250898	15
TU-0184	FWD	251913	252813	900 MU-97	251969 yafN;yafO;yafP	yafN	252005	36
TU-0185	FWD	252709	253161	452 MU-98	yafP	yafP	252709	
TU-0186	FWD	253363	253463	100 MU-99	253336 NT			
TU-0187	FWD	253479	253685	206 MU-100	ykfJ	ykfJ	253479	
TU-0188	FWD	253702	254202	500 MU-101	prfH	prfH	253702	
TU-0189	FWD	255938	256438	500 MU-102	255918 gpt	gpt	255977	59
TU-0190	FWD	255938	256438	500 MU-102	255924 gpt	gpt	255977	53
TU-0191	FWD	255938	256438	500 MU-102	255936 gpt	gpt	255977	41
TU-0192	FWD	256513	257788	1275 MU-103	256502 frsA	frsA	256527	25
TU-0193	FWD	256513	257788	1275 MU-103	256509 frsA	frsA	256527	18
TU-0194	FWD	257813	258388	575 MU-104	257810 crl	crl	257829	19
TU-0195	FWD	259489	261989	2500 MU-105	259572 proB;proA	proB	259612	40
TU-0196	FWD	259489	261989	2500 MU-105	259576 proB;proA	proB	259612	36
TU-0197	FWD	259489	261989	2500 MU-105	259584 proB;proA	proB	259612	28
TU-0198	FWD	262089	262214	125 MU-106	262064 thrW	thrW	262095	31
TU-0199	FWD	262089	262214	125 MU-106	262114 thrW	thrW	262095	-19
TU-0200	FWD	268364	268539	175 MU-107	268350 NT			
TU-0201	FWD	269514	272564	3050 MU-108;MU-109	269482 insN;insI;insN	insN	269502	20
TU-0202	FWD	270864	272564	1700 MU-109	270974 insN	insN	270988	14
TU-0203	FWD	270864	272564	1700 MU-109	270979 insN	insN	270988	9
TU-0204	FWD	274539	277114	2575 MU-110	274508 mmuP;mmuM	mmuP	274549	41
TU-0205	FWD	278414	279314	900 MU-111	NT			
TU-0206	FWD	281481	287623	6142 MU-112	yagE;yagF;yagG;yagH	yagE	281481	
TU-0207	FWD	289715	290040	325 MU-113	289619 NT			
TU-0208	FWD	290065	290590	525 MU-114	NT			
TU-0209	FWD	290765	291390	625 MU-115	290751 yagJ	yagJ	290724	-27
TU-0210	FWD	294940	295365	425 MU-116	294852 NT			
TU-0211	FWD	296365	296940	575 MU-117	296384 ptwF	ptwF	296430	46
TU-0212	FWD	302165	303140	975 MU-118	302181 yagU	yagU	302215	34
TU-0213	FWD	302165	303140	975 MU-118	302183 yagU	yagU	302215	32
TU-0214	FWD	311336	311563	227 MU-119	ykgL	ykgL	311336	
TU-0215	FWD	312068	312193	125 MU-120	312032 NT			
TU-0216	FWD	313581	314452	871 MU-121	eaeH	eaeH	313581	
TU-0217	FWD	314493	315693	1200 MU-122	insE;insF	insE	314506	
TU-0218	FWD	316663	316791	128 MU-123	ykgQ	ykgQ	316663	
TU-0219	FWD	319468	319743	275 MU-124	319342 ykgD	ykgD	319451	109
TU-0220	FWD	319468	319743	275 MU-124	319351 ykgD	ykgD	319451	100

TU-0221	FWD	320818	323868	3050 MU-125	320708 ykgE;ykgF;ykgG	ykgE	320832	124
TU-0222	FWD	328693	330368	1675 MU-126	328645 betT	betT	328687	42
TU-0223	FWD	330393	330768	375 MU-127	330428 NT			
TU-0224	FWD	331293	332618	1325 MU-128	331089 yahA	yahA	331595	506
TU-0225	FWD	331293	332618	1325 MU-128	331266 yahA	yahA	331595	329
TU-0226	FWD	331293	332618	1325 MU-128	331462 yahA	yahA	331595	133
TU-0227	FWD	331293	332618	1325 MU-128	331470 yahA	yahA	331595	125
TU-0228	FWD	334943	338943	4000 MU-129	334399 yahD;yahE;yahF;yahG	yahD	334504	105
TU-0229	FWD	334943	338943	4000 MU-129	334470 yahD;yahE;yahF;yahG	yahD	334504	34
TU-0230	FWD	339218	341793	2575 MU-130;MU-131	339162 yahI;yahJ	yahI	339389	227
TU-0231	FWD	340368	341793	1425 MU-131	340325 yahJ	yahJ	340349	24
TU-0232	FWD	341968	343143	1175 MU-132	342042 yahK	yahK	342108	66
TU-0233	FWD	341968	343143	1175 MU-132	342062 yahK	yahK	342108	46
TU-0234	FWD	341968	343143	1175 MU-132	342079 yahK	yahK	342108	29
TU-0235	FWD	343400	344215	815 MU-133	yahL	yahL	343400	
TU-0236	FWD	344493	344643	150 MU-134	344602 NT			
TU-0237	FWD	344628	344873	245 MU-135	yahM	yahM	344628	
TU-0238	FWD	345668	346043	375 MU-136	345656 yahO	yahO	345708	52
TU-0239	FWD	345668	346043	375 MU-136	345664 yahO	yahO	345708	44
TU-0240	FWD	345668	346043	375 MU-136	345678 yahO	yahO	345708	30
TU-0241	FWD	347893	353543	5650 MU-137	347871 prpB;prpC;prpD;prpE	prpB	347906	35
TU-0242	FWD	354143	357043	2900 MU-138	354108 codB;codA	codB	354146	38
TU-0243	FWD	354143	357043	2900 MU-138	354119 codB;codA	codB	354146	27
TU-0244	FWD	358023	360370	2347 MU-139	357998 cynT;cynS;cynX	cynT	358023	25
TU-0245	FWD	368052	374027	5975 MU-140	367744 mhpA;mhpB;mhpC;mhpD;mhpF;mhpE	mhpA	367835	91
TU-0246	FWD	374152	375852	1700 MU-141	374107 mhpT	mhpT	374683	576
TU-0247	FWD	375977	376952	975 MU-142	375966 yaiL	yaiL	375996	30
TU-0248	FWD	375977	376952	975 MU-142	375971 yaiL	yaiL	375996	25
TU-0249	FWD	380506	381781	1275 MU-143	insC;insD	insC	380575	
TU-0250	FWD	382156	382581	425 MU-144	382126 NT			
TU-0251	FWD	384456	387831	3375 MU-145	384430 tauA;tauB;tauC;tauD	tauA	384456	26
TU-0252	FWD	389475	390932	1457 MU-146	389071 yaiT	yaiT	389475	404
TU-0253	FWD	390961	391361	400 MU-147	NT			
TU-0254	FWD	389475	394353	4878 MU-148	yaiT;yaiV	yaiT	389475	
TU-0255	FWD	395536	396775	1239 MU-149	395657 sbmA	sbmA	395863	206
TU-0256	FWD	395536	396775	1239 MU-149	395704 sbmA	sbmA	395863	159
TU-0257	FWD	395536	396775	1239 MU-149	395779 sbmA	sbmA	395863	84
TU-0258	FWD	396875	398179	1304 MU-150	396858 yaiW	yaiW	397096	238
TU-0259	FWD	398804	399379	575 MU-151	398796 yaiZ	yaiZ	398817	21
TU-0260	FWD	400579	400954	375 MU-152	400543 iraP	iraP	400610	67
TU-0261	FWD	400579	400954	375 MU-152	400587 iraP	iraP	400610	23
TU-0262	FWD	400979	402829	1850 MU-153	400875 phoA;psiF	phoA	400971	96
TU-0263	FWD	400979	402829	1850 MU-153	400902 phoA;psiF	phoA	400971	69
TU-0264	FWD	400979	402829	1850 MU-153	400916 phoA;psiF	phoA	400971	55
TU-0265	FWD	402980	404030	1050 MU-154	402912 adrA	adrA	402927	15
TU-0266	FWD	405005	405455	450 MU-155	404965 yaiI	yaiI	404988	23

TU-0267	FWD	405530	406530	1000 MU-156;MU-157	405456 aroL;yaiA;aroM	aroL	405629	173
TU-0268	FWD	405530	406530	1000 MU-156;MU-157	405502 aroL;yaiA;aroM	aroL	405629	127
TU-0269	FWD	406205	407380	1175 MU-157;MU-158	406176 yaiA;aroM	yaiA	406203	27
TU-0270	FWD	406555	407380	825 MU-158	406399 aroM	aroM	406652	253
TU-0271	FWD	407405	407680	275 MU-159	407371 yaiE	yaiE	407401	30
TU-0272	FWD	407780	408280	500 MU-160	407685 ykiA	ykiA	407893	208
TU-0273	FWD	409305	410605	1300 MU-161	409344 mak	mak	409368	24
TU-0274	FWD	415456	416281	825 MU-162	415429 NT			
TU-0275	FWD	416381	418381	2000 MU-163	416378 phoB;phoR	phoB	416366	-12
TU-0276	FWD	418581	421606	3025 MU-164;MU-165	418645 brnQ;proY	brnQ	418815	170
TU-0277	FWD	418581	421606	3025 MU-164;MU-165	418776 brnQ;proY	brnQ	418815	39
TU-0278	FWD	420206	421606	1400 MU-165	420146 proY	proY	420210	64
TU-0279	FWD	421806	423656	1850 MU-166	421719 malZ	malZ	421739	20
TU-0280	FWD	424231	426056	1825 MU-167	424209 queA;tgt	queA	424235	26
TU-0281	FWD	426081	426481	400 MU-168	425886 NT			
TU-0282	FWD	426081	426481	400 MU-168	425978 NT			
TU-0283	FWD	426081	426481	400 MU-168	426063 NT			
TU-0284	FWD	426081	426481	400 MU-168	426165 NT			
TU-0285	FWD	426531	426831	300 MU-169	426428 yajC;secD;secF	yajC	426511	83
TU-0286	FWD	426531	426831	300 MU-169	426439 yajC;secD;secF	yajC	426511	72
TU-0287	FWD	426531	426831	300 MU-169	426472 yajC;secD;secF	yajC	426511	39
TU-0288	FWD	426859	429709	2850 MU-170	426798 secD;secF	secD	426871	73
TU-0289	FWD	426859	429709	2850 MU-170	426873 secD;secF	secD	426871	-2
TU-0290	FWD	426859	429709	2850 MU-170	426882 secD;secF	secD	426871	-11
TU-0291	FWD	426859	429709	2850 MU-170	426887 secD;secF	secD	426871	-16
TU-0292	FWD	429809	430284	475 MU-171	429809 yajD	yajD	429829	20
TU-0293	FWD	432212	436337	4125 MU-172;MU-173;MU-174	432199 nrdR;ribD;ribE;nusB;thiL;pgpA	nrdR	432226	27
TU-0294	FWD	433737	436337	2600 MU-173;MU-174	433735 ribE;nusB;thiL;pgpA	ribE	433871	136
TU-0295	FWD	433737	436337	2600 MU-173;MU-174	433817 ribE;nusB;thiL;pgpA	ribE	433871	54
TU-0296	FWD	433737	436337	2600 MU-173;MU-174	433820 ribE;nusB;thiL;pgpA	ribE	433871	51
TU-0297	FWD	433737	436337	2600 MU-173;MU-174	433828 ribE;nusB;thiL;pgpA	ribE	433871	43
TU-0298	FWD	435737	436337	600 MU-174	435808 pgpA	pgpA	435813	5
TU-0299	FWD	437412	437687	275 MU-175	437492 NT			
TU-0300	FWD	440712	442212	1500 MU-176	440693 thiI	thiI	440773	80
TU-0301	FWD	443812	444487	675 MU-177	443824 yajQ	yajQ	443907	83
TU-0302	FWD	443812	444487	675 MU-177	443852 yajQ	yajQ	443907	55
TU-0303	FWD	443812	444487	675 MU-177	443861 yajQ	yajQ	443907	46
TU-0304	FWD	443812	444487	675 MU-177	443882 yajQ	yajQ	443907	25
TU-0305	FWD	443812	444487	675 MU-177	443888 yajQ	yajQ	443907	19
TU-0306	FWD	453587	454037	450 MU-178	453575 bolA	bolA	453696	121
TU-0307	FWD	453587	454037	450 MU-178	453607 bolA	bolA	453696	89
TU-0308	FWD	453587	454037	450 MU-178	453649 bolA	bolA	453696	47
TU-0309	FWD	453587	454037	450 MU-178	453658 bolA	bolA	453696	38
TU-0310	FWD	454112	455762	1650 MU-179	454217 tig	tig	454357	140
TU-0311	FWD	454112	455762	1650 MU-179	454228 tig	tig	454357	129
TU-0312	FWD	454112	455762	1650 MU-179	454331 tig	tig	454357	26

TU-0313	FWD	455787	457912	2125 MU-180	455778 clpP;clpX	clpP	455901	123
TU-0314	FWD	455787	457912	2125 MU-180	455801 clpP;clpX	clpP	455901	100
TU-0315	FWD	455787	457912	2125 MU-180	455829 clpP;clpX	clpP	455901	72
TU-0316	FWD	455787	457912	2125 MU-180	455867 clpP;clpX	clpP	455901	34
TU-0317	FWD	455787	457912	2125 MU-180	455873 clpP;clpX	clpP	455901	28
TU-0318	FWD	455787	457912	2125 MU-180	455882 clpP;clpX	clpP	455901	19
TU-0319	FWD	457980	459055	1075 MU-181	457992 lon	lon	458112	120
TU-0320	FWD	457980	459055	1075 MU-181	458039 lon	lon	458112	73
TU-0321	FWD	457980	459055	1075 MU-181	458090 lon	lon	458112	22
TU-0322	FWD	459080	460555	1475 MU-182	459037 NT			
TU-0323	FWD	459080	460555	1475 MU-182	459330 NT			
TU-0324	FWD	459080	460555	1475 MU-182	459337 NT			
TU-0325	FWD	459080	460555	1475 MU-182	459339 NT			
TU-0326	FWD	460580	461005	425 MU-183	460556 hupB	hupB	460675	119
TU-0327	FWD	460580	461005	425 MU-183	460615 hupB	hupB	460675	60
TU-0328	FWD	460580	461005	425 MU-183	460619 hupB	hupB	460675	56
TU-0329	FWD	460580	461005	425 MU-183	460637 hupB	hupB	460675	38
TU-0330	FWD	460580	461005	425 MU-183	460655 hupB	hupB	460675	20
TU-0331	FWD	461030	464005	2975 MU-184	461076 ppiD;ybaV;ybaW	ppiD	461139	63
TU-0332	FWD	466630	467480	850 MU-185	466606 cof	cof	466636	30
TU-0333	FWD	467605	471605	4000 MU-186;MU-187	467581 ybaO;mdlA;mdlB	ybaO	467607	26
TU-0334	FWD	470330	471605	1275 MU-187	mdlB	mdlB	469860	
TU-0335	FWD	471805	473480	1675 MU-188;MU-189	471781 glnK;amtB	glnK	471822	41
TU-0336	FWD	472155	473480	1325 MU-189	472073 amtB	amtB	472190	117
TU-0337	FWD	474555	475155	600 MU-190	474530 ybaY	ybaY	474603	73
TU-0338	FWD	474555	475155	600 MU-190	474538 ybaY	ybaY	474603	65
TU-0339	FWD	475680	475780	100 MU-191	475672 ffs	ffs	475672	0
TU-0340	FWD	475880	476255	375 MU-192	475842 ybaA	ybaA	475896	54
TU-0341	FWD	477905	478980	1075 MU-193	478077 NT			
TU-0342	FWD	484983	485533	550 MU-194	484940 acrR	acrR	484985	45
TU-0343	FWD	485733	489283	3550 MU-195	485713 kefA	kefA	485760	47
TU-0344	FWD	490108	490508	400 MU-196	490082 ybaN	ybaN	490106	24
TU-0345	FWD	490533	491208	675 MU-197	490534 apt	apt	490636	102
TU-0346	FWD	491283	493058	1775 MU-198	491278 dnaX	dnaX	491316	38
TU-0347	FWD	493083	494233	1150 MU-199	493133 ybaB;recR	ybaB	493300	167
TU-0348	FWD	493083	494233	1150 MU-199	493139 ybaB;recR	ybaB	493300	161
TU-0349	FWD	493083	494233	1150 MU-199	493170 ybaB;recR	ybaB	493300	130
TU-0350	FWD	493083	494233	1150 MU-199	493242 ybaB;recR	ybaB	493300	58
TU-0351	FWD	493083	494233	1150 MU-199	493275 ybaB;recR	ybaB	493300	25
TU-0352	FWD	494308	496183	1875 MU-200	494300 htpG	htpG	494344	44
TU-0353	FWD	494308	496183	1875 MU-200	494306 htpG	htpG	494344	38
TU-0354	FWD	494308	496183	1875 MU-200	494314 htpG	htpG	494344	30
TU-0355	FWD	494308	496183	1875 MU-200	494328 htpG	htpG	494344	16
TU-0356	FWD	496383	497183	800 MU-201	496357 adk	adk	496399	42
TU-0357	FWD	497283	498108	825 MU-202	497255 hemH	hemH	497279	24
TU-0358	FWD	499362	500787	1425 MU-203	499323 gsk	gsk	499349	26

TU-0359	FWD	504137	505864	1727 MU-204	504107	ushA	ushA	504138	31
TU-0360	FWD	504137	505864	1727 MU-204	504112	ushA	ushA	504138	26
TU-0361	FWD	506264	506489	225 MU-205	506428	sroB	sroB	506428	0
TU-0362	FWD	507414	508039	625 MU-206	507400	ybaQ	ybaQ	507442	42
TU-0363	FWD	507414	508039	625 MU-206	507406	ybaQ	ybaQ	507442	36
TU-0364	FWD	510814	513114	2300 MU-207	510797	ybaS;ybaT	ybaS	510865	68
TU-0365	FWD	510814	513114	2300 MU-207	510827	ybaS;ybaT	ybaS	510865	38
TU-0366	FWD	513139	513889	750 MU-208	513098	cueR	cueR	513217	119
TU-0367	FWD	515139	516639	1500 MU-209	515116	ybbL;ybbM	ybbL	515143	27
TU-0368	FWD	518414	522014	3600 MU-210	518602	ybbA;ybbP	ybbA	518957	355
TU-0369	FWD	518414	522014	3600 MU-210	518895	ybbA;ybbP	ybbA	518957	62
TU-0370	FWD	522439	526339	3900 MU-211	522451	rhsD	rhsD	522485	34
TU-0371	FWD	526514	527864	1350 MU-212	526780	ybbC;yIbH	ybbC	526805	25
TU-0372	FWD	527864	528354	490 MU-213		ybbD	ybbD	527864	
TU-0373	FWD	528724	528816	92 MU-214		yIbI	yIbI	528724	
TU-0374	FWD	531639	532114	475 MU-215	531614	allA	allA	531675	61
TU-0375	FWD	532214	532864	650 MU-216	532189	allR	allR	532235	46
TU-0376	FWD	532889	533039	150 MU-217	532861	NT			
TU-0377	FWD	532889	533039	150 MU-217	532866	NT			
TU-0378	FWD	534064	534514	450 MU-218	534032	NT			
TU-0379	FWD	533140	542257	9117 MU-219	533001	gcl;hyi;glxR;ybbV;ybbW;allB;ybbY;glxK	gcl	533140	139
TU-0380	FWD	535810	542257	6447 MU-220	535605	glxR;ybbV;ybbW;allB;ybbY;glxK	glxR	535810	205
TU-0381	FWD	536857	542257	5400 MU-221	536895	ybbW;allB;ybbY;glxK	ybbW	536857	-38
TU-0382	FWD	541214	542039	825 MU-222	540988	glxK	glxK	541112	124
TU-0383	FWD	545904	550555	4651 MU-223		fdrA;yIbE;yIbF;ybcF	fdrA	545904	
TU-0384	FWD	553814	555314	1500 MU-224	553800	cysS	cysS	553834	34
TU-0385	FWD	557435	557977	542 MU-225	557392	sfmA	sfmA	557435	43
TU-0386	FWD	558197	561523	3326 MU-226		sfmC;sfmD	sfmC	558197	
TU-0387	FWD	561559	563068	1509 MU-227		sfmH;sfmF	sfmH	561559	
TU-0388	FWD	563939	564139	200 MU-228	563958	argU	argU	563946	-12
TU-0389	FWD	563939	564139	200 MU-228	563959	argU	argU	563946	-13
TU-0390	FWD	565599	565999	400 MU-229	565404	peaD;renD	peaD	565599	195
TU-0391	FWD	566014	567439	1425 MU-230		insE;insF;renD	insE	566056	
TU-0392	FWD	567539	567839	300 MU-231	567514	emrE	emrE	567538	24
TU-0393	FWD	568125	569651	1526 MU-232		ybcK	ybcK	568125	
TU-0394	FWD	570141	571516	1375 MU-233	570094	ybcL;ybcM	ybcL	570116	22
TU-0395	FWD	571591	573093	1502 MU-234	571542	ylcH;ybcN;ninE;ybcO;rusA;ylcG	ylcH	571591	49
TU-0396	FWD	573179	573562	383 MU-235	573132	quuD	quuD	573179	47
TU-0397	FWD	576091	576449	358 MU-236	576081	NT			
TU-0398	FWD	576699	577274	575 MU-237	576504	essD;arrD;rzpD;rzoD	essD	576621	117
TU-0399	FWD	578953	579653	700 MU-238	578930	ybcW	ybcW	579103	173
TU-0400	FWD	578953	579653	700 MU-238	579059	ybcW	ybcW	579103	44
TU-0401	FWD	580057	580885	828 MU-239		nohB;aaaD	nohB	580057	
TU-0402	FWD	580790	581140	350 MU-240	580819	tfaD	tfaD	580883	64
TU-0403	FWD	582176	582358	182 MU-241		tfaX	tfaX	582176	
TU-0404	FWD	582840	583815	975 MU-242		appY	appY	582904	

TU-0405	FWD	585215	585315	100 MU-243	pauD	pauD	585280	
TU-0406	FWD	594823	596196	1373 MU-244	594797 cusC	cusC	594823	26
TU-0407	FWD	596295	600695	4400 MU-245	596325 cusF;cusB;cusA	cusF	596354	29
TU-0408	FWD	601170	602520	1350 MU-246	601152 pheP	pheP	601182	30
TU-0409	FWD	607059	607211	152 MU-247	607066 hokE	hokE	607059	-7
TU-0410	FWD	607245	608545	1300 MU-248	607179 insL	insL	607288	109
TU-0411	FWD	611945	617371	5426 MU-249	611909 fes;ybdZ;entF	fes	612038	129
TU-0412	FWD	617477	618610	1133 MU-250	617410 fepE	fepE	617477	67
TU-0413	FWD	621496	622721	1225 MU-251	621481 entS	entS	621523	42
TU-0414	FWD	621496	622721	1225 MU-251	621483 entS	entS	621523	40
TU-0415	FWD	624096	628971	4875 MU-252	624054 entC;entE;entB;entA;ybdB	entC	624108	54
TU-0416	FWD	629046	631996	2950 MU-253	629079 cstA;ybdD	cstA	629117	38
TU-0417	FWD	629046	631996	2950 MU-253	629088 cstA;ybdD	cstA	629117	29
TU-0418	FWD	629046	631996	2950 MU-253	629096 cstA;ybdD	cstA	629117	21
TU-0419	FWD	632796	634146	1350 MU-254	632780 ybdL	ybdL	632809	29
TU-0420	FWD	632796	634146	1350 MU-254	632789 ybdL	ybdL	632809	20
TU-0421	FWD	637871	640549	2678 MU-255	638054 ahpC;ahpF	ahpC	638168	114
TU-0422	FWD	637871	640549	2678 MU-255	638104 ahpC;ahpF	ahpC	638168	64
TU-0423	FWD	637871	640549	2678 MU-255	638130 ahpC;ahpF	ahpC	638168	38
TU-0424	FWD	637871	640549	2678 MU-255	638144 ahpC;ahpF	ahpC	638168	24
TU-0425	FWD	637871	640549	2678 MU-255	638149 ahpC;ahpF	ahpC	638168	19
TU-0426	FWD	637871	640549	2678 MU-255	638189 ahpC;ahpF	ahpC	638168	-21
TU-0427	FWD	637871	640549	2678 MU-255	638227 ahpC;ahpF	ahpC	638168	-59
TU-0428	FWD	641274	642581	1307 MU-256	641285 ybdR	ybdR	641311	26
TU-0429	FWD	651849	653724	1875 MU-257	651740 dpiB;dpiA	dpiB	651458	-282
TU-0430	FWD	655824	656124	300 MU-258	655710 pagP	pagP	655780	70
TU-0431	FWD	655824	656124	300 MU-258	655753 pagP	pagP	655780	27
TU-0432	FWD	656474	656799	325 MU-259	656473 cspE	cspE	656515	42
TU-0433	FWD	657199	657974	775 MU-260	657187 ybeM	ybeM	657254	67
TU-0434	FWD	658024	658374	350 MU-261	658045 tatE	tatE	658170	125
TU-0435	FWD	663280	663505	225 MU-262	663180 NT			
TU-0436	FWD	663280	663505	225 MU-262	663285 NT			
TU-0437	FWD	674180	674980	800 MU-263	674160 ybeL	ybeL	674241	81
TU-0438	FWD	674180	674980	800 MU-263	674216 ybeL	ybeL	674241	25
TU-0439	FWD	675934	678065	2131 MU-264	ybeR;djIB	ybeR	675934	
TU-0440	FWD	678731	680886	2155 MU-265	678687 ybeU;djIC	ybeU	678731	44
TU-0441	FWD	694330	695630	1300 MU-266	694300 ubiF	ubiF	694324	24
TU-0442	FWD	695830	696655	825 MU-267	695655 NT			
TU-0443	FWD	702680	705055	2375 MU-268	702830 nagE	nagE	703167	337
TU-0444	FWD	702680	705055	2375 MU-268	703063 nagE	nagE	703167	104
TU-0445	FWD	705180	707155	1975 MU-269	705222 glnS	glnS	705316	94
TU-0446	FWD	705180	707155	1975 MU-269	705283 glnS	glnS	705316	33
TU-0447	FWD	705180	707155	1975 MU-269	705286 glnS	glnS	705316	30
TU-0448	FWD	705180	707155	1975 MU-269	705301 glnS	glnS	705316	15
TU-0449	FWD	705180	707155	1975 MU-269	705309 glnS	glnS	705316	7
TU-0450	FWD	707557	709339	1782 MU-270	707487 ybfM;ybfN	ybfM	707557	70

TU-0451	FWD	707557	709339	1782 MU-270	707512 ybfM;ybfN	ybfM	707557	45
TU-0452	FWD	709980	710055	75 MU-271	710000 NT			
TU-0453	FWD	712105	714580	2475 MU-272	712074 seqA;pgm	seqA	712210	136
TU-0454	FWD	712105	714580	2475 MU-272	712139 seqA;pgm	seqA	712210	71
TU-0455	FWD	714635	715129	494 MU-273	714596 ybfP	ybfP	714635	39
TU-0456	FWD	715530	715555	25 MU-274	NT			
TU-0457	FWD	719806	720063	257 MU-275	ybfK	ybfK	719806	
TU-0458	FWD	728255	728655	400 MU-276	728295 ybfA	ybfA	728357	62
TU-0459	FWD	728255	728655	400 MU-276	728306 ybfA	ybfA	728357	51
TU-0460	FWD	728255	728655	400 MU-276	728311 ybfA	ybfA	728357	46
TU-0461	FWD	728755	733180	4425 MU-277	728572 rhsC;ybfB	rhsC	728806	234
TU-0462	FWD	733530	734305	775 MU-278	733014 ybfO	ybfO	733356	342
TU-0463	FWD	733530	734305	775 MU-278	733048 ybfO	ybfO	733356	308
TU-0464	FWD	734505	735655	1150 MU-279	734611 ybfC	ybfC	734873	262
TU-0465	FWD	734505	735655	1150 MU-279	734641 ybfC	ybfC	734873	232
TU-0466	FWD	735668	735922	254 MU-280	ybfQ	ybfQ	735668	
TU-0467	FWD	736048	737184	1136 MU-281	ybfL	ybfL	736048	
TU-0468	FWD	737315	738076	761 MU-282	737286 ybfD	ybfD	737315	29
TU-0469	FWD	738183	740533	2350 MU-283	738203 ybgA;phr	ybgA	738224	21
TU-0470	FWD	741908	746408	4500 MU-284;MU-285	741851 ybgI;ybgJ;ybgK;ybgL;nei	ybgI	742050	199
TU-0471	FWD	741908	746408	4500 MU-284;MU-285	742021 ybgI;ybgJ;ybgK;ybgL;nei	ybgI	742050	29
TU-0472	FWD	744608	746408	1800 MU-285	ybgL;nei	ybgL	744388	
TU-0473	FWD	746833	747633	800 MU-286	NT			
TU-0474	FWD	754158	764658	10500 MU-287;MU-288;MU-289	754178 sdhC;sdhD;sdhA;sdhB;sucA;sucB;sucC;sucD	sdhC	754400	222
TU-0475	FWD	754708	757683	2975 MU-288	754738 sdhA;sdhB	sdhA	755130	392
TU-0476	FWD	754708	757683	2975 MU-288	754745 sdhA;sdhB	sdhA	755130	385
TU-0477	FWD	757758	764658	6900 MU-289	757777 sucA;sucB;sucC;sucD	sucA	757929	152
TU-0478	FWD	757758	764658	6900 MU-289	757802 sucA;sucB;sucC;sucD	sucA	757929	127
TU-0479	FWD	757758	764658	6900 MU-289	757808 sucA;sucB;sucC;sucD	sucA	757929	121
TU-0480	FWD	765558	769633	4075 MU-290	765093 mngA;mngB	mngA	765207	114
TU-0481	FWD	770383	773258	2875 MU-291	770474 cydA;cydB	cydA	770681	207
TU-0482	FWD	770383	773258	2875 MU-291	770487 cydA;cydB	cydA	770681	194
TU-0483	FWD	770383	773258	2875 MU-291	770517 cydA;cydB	cydA	770681	164
TU-0484	FWD	770383	773258	2875 MU-291	770523 cydA;cydB	cydA	770681	158
TU-0485	FWD	770383	773258	2875 MU-291	770603 cydA;cydB	cydA	770681	78
TU-0486	FWD	773283	773583	300 MU-292	773229 ybgT	ybgT	773419	190
TU-0487	FWD	773608	773808	200 MU-293	ybgE	ybgE	773532	
TU-0488	FWD	773958	776708	2750 MU-294	773934 ybgC;tolQ;tolR;tolA	ybgC	773975	41
TU-0489	FWD	776733	779733	3000 MU-295	776788 tolB;pal;ybgF	tolB	776963	175
TU-0490	FWD	776733	779733	3000 MU-295	776892 tolB;pal;ybgF	tolB	776963	71
TU-0491	FWD	776733	779733	3000 MU-295	776907 tolB;pal;ybgF	tolB	776963	56
TU-0492	FWD	779758	780233	475 MU-296	779735 lysT;valT;lysW	lysT	779777	42
TU-0493	FWD	780258	780458	200 MU-297	780263 valZ;lysY	valZ	780291	28
TU-0494	FWD	780483	781033	550 MU-298	780570 lysZ;lysQ	lysZ	780592	22
TU-0495	FWD	781258	782158	900 MU-299	781226 nadA	nadA	781308	82

TU-0496	FWD	781258	782158	900 MU-299	781237 nadA	nadA	781308	71
TU-0497	FWD	781258	782158	900 MU-299	781283 nadA	nadA	781308	25
TU-0498	FWD	782183	783508	1325 MU-300	782246 pnuC	pnuC	782389	143
TU-0499	FWD	782183	783508	1325 MU-300	782268 pnuC	pnuC	782389	121
TU-0500	FWD	784833	786008	1175 MU-301	784815 aroG	aroG	784856	41
TU-0501	FWD	784833	786008	1175 MU-301	784821 aroG	aroG	784856	35
TU-0502	FWD	784833	786008	1175 MU-301	784826 aroG	aroG	784856	30
TU-0503	FWD	784833	786008	1175 MU-301	784830 aroG	aroG	784856	26
TU-0504	FWD	786933	786983	50 MU-302	786750 NT			
TU-0505	FWD	793833	794133	300 MU-303	793974 ybhT	ybhT	793996	22
TU-0506	FWD	794308	796733	2425 MU-304	794219 modA;modB;modC	modA	794312	93
TU-0507	FWD	794308	796733	2425 MU-304	794285 modA;modB;modC	modA	794312	27
TU-0508	FWD	797533	797708	175 MU-305	797506 NT			
TU-0509	FWD	797733	798808	1075 MU-306	797668 pgl	pgl	797809	141
TU-0510	FWD	797733	798808	1075 MU-306	797674 pgl	pgl	797809	135
TU-0511	FWD	797733	798808	1075 MU-306	797680 pgl	pgl	797809	129
TU-0512	FWD	797733	798808	1075 MU-306	797778 pgl	pgl	797809	31
TU-0513	FWD	799982	804987	5005 MU-307	ybhH;ybhI;ybhJ	ybhH	799982	
TU-0514	FWD	808504	812306	3802 MU-308	808524 bioB;bioF;bioC;bioD	bioB	808567	43
TU-0515	FWD	808504	812306	3802 MU-308	808533 bioB;bioF;bioC;bioD	bioB	808567	34
TU-0516	FWD	812531	814913	2382 MU-309	812660 uvrB	uvrB	812749	89
TU-0517	FWD	816090	819040	2950 MU-310;MU-311	816050 moaA;moaB;moaC;moaD;moaE	moaA	816267	217
TU-0518	FWD	816090	819040	2950 MU-310;MU-311	816137 moaA;moaB;moaC;moaD;moaE	moaA	816267	130
TU-0519	FWD	817265	819040	1775 MU-311	817199 moaB;moaC;moaD;moaE	moaB	817278	79
TU-0520	FWD	817265	819040	1775 MU-311	817207 moaB;moaC;moaD;moaE	moaB	817278	71
TU-0521	FWD	817265	819040	1775 MU-311	817223 moaB;moaC;moaD;moaE	moaB	817278	55
TU-0522	FWD	817265	819040	1775 MU-311	817235 moaB;moaC;moaD;moaE	moaB	817278	43
TU-0523	FWD	819115	819815	700 MU-312	819081 ybhL	ybhL	819107	26
TU-0524	FWD	819115	819815	700 MU-312	819090 ybhL	ybhL	819107	17
TU-0525	FWD	820016	820729	713 MU-313	ybhM	ybhM	820016	
TU-0526	FWD	820790	820890	100 MU-314	NT			
TU-0527	FWD	823865	824390	525 MU-315	823826 ybhQ	ybhQ	823853	27
TU-0528	FWD	830040	831590	1550 MU-316	830008 rhIE	rhIE	830095	87
TU-0529	FWD	832290	834290	2000 MU-317	832266 dinG	dinG	832293	27
TU-0530	FWD	832290	834290	2000 MU-317	832278 dinG	dinG	832293	15
TU-0531	FWD	834390	835421	1031 MU-318	834346 ybiB	ybiB	834471	125
TU-0532	FWD	834390	835421	1031 MU-318	834393 ybiB	ybiB	834471	78
TU-0533	FWD	834390	835421	1031 MU-318	834404 ybiB	ybiB	834471	67
TU-0534	FWD	835571	836821	1250 MU-319	835541 ybiC	ybiC	835574	33
TU-0535	FWD	837821	838296	475 MU-320	837896 NT			
TU-0536	FWD	841546	842446	900 MU-321	841376 rlmF	rlmF	841555	179
TU-0537	FWD	841546	842446	900 MU-321	841479 rlmF	rlmF	841555	76
TU-0538	FWD	841546	842446	900 MU-321	841538 rlmF	rlmF	841555	17
TU-0539	FWD	849322	850197	875 MU-322	849434 ompX	ompX	849673	239
TU-0540	FWD	849322	850197	875 MU-322	849446 ompX	ompX	849673	227
TU-0541	FWD	849322	850197	875 MU-322	849536 ompX	ompX	849673	137

TU-0542	FWD	849322	850197	875 MU-322	849610 ompX	ompX	849673	63
TU-0543	FWD	849322	850197	875 MU-322	849622 ompX	ompX	849673	51
TU-0544	FWD	849322	850197	875 MU-322	849628 ompX	ompX	849673	45
TU-0545	FWD	849322	850197	875 MU-322	849640 ompX	ompX	849673	33
TU-0546	FWD	849322	850197	875 MU-322	849646 ompX	ompX	849673	27
TU-0547	FWD	851894	852163	269 MU-323	yliL	yliL	851894	
TU-0548	FWD	852322	854047	1725 MU-324	852360 mntR;ybiR	mntR	852406	46
TU-0549	FWD	855122	856847	1725 MU-325	855156 ybiT	ybiT	855186	30
TU-0550	FWD	859172	859675	503 MU-326	859050 NT			
TU-0551	FWD	859172	859675	503 MU-326	859134 NT			
TU-0552	FWD	862900	863500	600 MU-327	862837 fsaA	fsaA	862865	28
TU-0553	FWD	865750	872000	6250 MU-328;MU-329	865760 iaaA;gsiA;gsiB;gsiC;gsiD	iaaA	865791	31
TU-0554	FWD	870800	872000	1200 MU-329	870904 gsiD	gsiD	871113	209
TU-0555	FWD	870800	872000	1200 MU-329	870945 gsiD	gsiD	871113	168
TU-0556	FWD	872150	875975	3825 MU-330	872121 yliE;yliF	yliE	872202	81
TU-0557	FWD	872150	875975	3825 MU-330	872128 yliE;yliF	yliE	872202	74
TU-0558	FWD	872150	875975	3825 MU-330	872170 yliE;yliF	yliE	872202	32
TU-0559	FWD	872150	875975	3825 MU-330	872180 yliE;yliF	yliE	872202	22
TU-0560	FWD	877350	877850	500 MU-331	877440 bssR	bssR	877471	31
TU-0561	FWD	877900	878950	1050 MU-332	877945 yliI	yliI	877965	20
TU-0562	FWD	879860	881135	1275 MU-333	879841 dacC	dacC	879950	109
TU-0563	FWD	879860	881135	1275 MU-333	879851 dacC	dacC	879950	99
TU-0564	FWD	879860	881135	1275 MU-333	879858 dacC	dacC	879950	92
TU-0565	FWD	879860	881135	1275 MU-333	879868 dacC	dacC	879950	82
TU-0566	FWD	879860	881135	1275 MU-333	879918 dacC	dacC	879950	32
TU-0567	FWD	882810	884435	1625 MU-334	882793 cmr	cmr	882896	103
TU-0568	FWD	882810	884435	1625 MU-334	882872 cmr	cmr	882896	24
TU-0569	FWD	886685	887185	500 MU-335	886624 ybjK	ybjK	886646	22
TU-0570	FWD	889154	889604	450 MU-336	889111 ybjM	ybjM	889312	201
TU-0571	FWD	890129	892629	2500 MU-337;MU-338;MU-339	890086 ybjC;nfsA;rimK;ybjN	ybjC	890136	50
TU-0572	FWD	891279	892629	1350 MU-338;MU-339	891082 rimK;ybjN	rimK	891190	108
TU-0573	FWD	892104	892629	525 MU-339	892149 ybjN	ybjN	892180	31
TU-0574	FWD	892879	897107	4228 MU-340	892867 potF;potG;potH;potI;ybjO	potF	893007	140
TU-0575	FWD	897232	897657	425 MU-341	ybjO	ybjO	897212	
TU-0576	FWD	897707	898957	1250 MU-342	897617 rumB	rumB	897741	124
TU-0577	FWD	903757	905182	1425 MU-343	903740 ybjQ;amiD	ybjQ	903816	76
TU-0578	FWD	903757	905182	1425 MU-343	903746 ybjQ;amiD	ybjQ	903816	70
TU-0579	FWD	903757	905182	1425 MU-343	903754 ybjQ;amiD	ybjQ	903816	62
TU-0580	FWD	903757	905182	1425 MU-343	903762 ybjQ;amiD	ybjQ	903816	54
TU-0581	FWD	903757	905182	1425 MU-343	903777 ybjQ;amiD	ybjQ	903816	39
TU-0582	FWD	903757	905182	1425 MU-343	903793 ybjQ;amiD	ybjQ	903816	23
TU-0583	FWD	905282	905907	625 MU-344	905279 NT			
TU-0584	FWD	913958	914383	425 MU-345	913951 NT			
TU-0585	FWD	915583	917283	1700 MU-346	915532 ybjD	ybjD	915696	164
TU-0586	FWD	918408	921085	2677 MU-347	918360 macA;macB	macA	918458	98
TU-0587	FWD	918408	921085	2677 MU-347	918396 macA;macB	macA	918458	62

TU-0588	FWD	921135	922060	925 MU-348	921139 NT				
TU-0589	FWD	921135	922060	925 MU-348	921194 NT				
TU-0590	FWD	922085	924898	2813 MU-349	922282 clpS;clpA	clpS	922136	-146	
TU-0591	FWD	922085	924898	2813 MU-349	922314 clpS;clpA	clpS	922136	-178	
TU-0592	FWD	922085	924898	2813 MU-349	922434 clpS;clpA	clpS	922136	-298	
TU-0593	FWD	931584	932409	825 MU-350	931551 lrp	lrp	931818	267	
TU-0594	FWD	931584	932409	825 MU-350	931654 lrp	lrp	931818	164	
TU-0595	FWD	931584	932409	825 MU-350	931799 lrp	lrp	931818	19	
TU-0596	FWD	932434	936484	4050 MU-351	932358 ftsK	ftsK	932447	89	
TU-0597	FWD	932434	936484	4050 MU-351	932404 ftsK	ftsK	932447	43	
TU-0598	FWD	936509	938634	2125 MU-352	936440 lolA;rarA	lolA	936595	155	
TU-0599	FWD	936509	938634	2125 MU-352	936511 lolA;rarA	lolA	936595	84	
TU-0600	FWD	936509	938634	2125 MU-352	936551 lolA;rarA	lolA	936595	44	
TU-0601	FWD	938659	939934	1275 MU-353	938576 serS	serS	938651	75	
TU-0602	FWD	938659	939934	1275 MU-353	938624 serS	serS	938651	27	
TU-0603	FWD	938659	939934	1275 MU-353	938645 serS	serS	938651	6	
TU-0604	FWD	940084	943859	3775 MU-354	940046 dmsA;dmsB;dmsC	dmsA	940182	136	
TU-0605	FWD	940084	943859	3775 MU-354	940082 dmsA;dmsB;dmsC	dmsA	940182	100	
TU-0606	FWD	945084	946059	975 MU-355	945064 ycaD	ycaD	945094	30	
TU-0607	FWD	946084	946234	150 MU-356	946043 NT				
TU-0608	FWD	946084	946234	150 MU-356	946080 NT				
TU-0609	FWD	946452	947882	1430 MU-357	ycaM	ycaM	946452		
TU-0610	FWD	948909	949484	575 MU-358	948867 ycaK	ycaK	948891	24	
TU-0611	FWD	955961	956786	825 MU-359	955897 ycaP	ycaP	955985	88	
TU-0612	FWD	956836	959336	2500 MU-360	956802 serC;aroA	serC	956876	74	
TU-0613	FWD	956836	959336	2500 MU-360	956808 serC;aroA	serC	956876	68	
TU-0614	FWD	959636	960161	525 MU-361	959494 ycaL	ycaL	959487	-7	
TU-0615	FWD	960361	960911	550 MU-362	960303 cmk	cmk	960424	121	
TU-0616	FWD	960361	960911	550 MU-362	960386 cmk	cmk	960424	38	
TU-0617	FWD	960361	960911	550 MU-362	960408 cmk	cmk	960424	16	
TU-0618	FWD	960936	963011	2075 MU-363	960944 rpsA	rpsA	961218	274	
TU-0619	FWD	960936	963011	2075 MU-363	961060 rpsA	rpsA	961218	158	
TU-0620	FWD	960936	963011	2075 MU-363	961116 rpsA	rpsA	961218	102	
TU-0621	FWD	963036	963336	300 MU-364	962867 ihfB	ihfB	963051	184	
TU-0622	FWD	963561	965037	1476 MU-365	963495 ycaI	ycaI	963543	48	
TU-0623	FWD	965837	969337	3500 MU-366	965817 msbA;lpxK;ycaQ	msbA	965844	27	
TU-0624	FWD	969887	970737	850 MU-367	969867 ycaR;kdsB	ycaR	969896	29	
TU-0625	FWD	970962	971887	925 MU-368	970942 ycbJ	ycbJ	970975	33	
TU-0626	FWD	972737	979937	7200 MU-369	972720 smtA;mukF;mukE;mukB	smtA	972760	40	
TU-0627	FWD	980187	982112	1925 MU-370	980154 ycbB	ycbB	980270	116	
TU-0628	FWD	980187	982112	1925 MU-370	980247 ycbB	ycbB	980270	23	
TU-0629	FWD	982137	983687	1550 MU-371;MU-372	982054 ycbK;ycbL	ycbK	982298	244	
TU-0630	FWD	982137	983687	1550 MU-371;MU-372	982102 ycbK;ycbL	ycbK	982298	196	
TU-0631	FWD	982862	983687	825 MU-372	982798 ycbL	ycbL	982873	75	
TU-0632	FWD	985188	985413	225 MU-373	985190 NT				
TU-0633	FWD	986467	986967	500 MU-374	986622 NT				

TU-0634	FWD	989717	992442	2725 MU-375	989737 pepN	pepN	989845	108
TU-0635	FWD	989717	992442	2725 MU-375	989749 pepN	pepN	989845	96
TU-0636	FWD	989717	992442	2725 MU-375	989815 pepN	pepN	989845	30
TU-0637	FWD	997091	1003880	6789 MU-376	ycbQ;ycbR;ycbS;ycbT;ycbU;ycbV;ycbF	ycbQ	997091	
TU-0638	FWD	1003968	1004993	1025 MU-377	1003961 pyrD	pyrD	1003991	30
TU-0639	FWD	1005068	1005793	725 MU-378	1005076 ycbW	ycbW	1005175	99
TU-0640	FWD	1006918	1010893	3975 MU-379	1006895 rlmL;uup	rlmL	1007067	172
TU-0641	FWD	1006918	1010893	3975 MU-379	1006926 rlmL;uup	rlmL	1007067	141
TU-0642	FWD	1006918	1010893	3975 MU-379	1006929 rlmL;uup	rlmL	1007067	138
TU-0643	FWD	1006918	1010893	3975 MU-379	1007025 rlmL;uup	rlmL	1007067	42
TU-0644	FWD	1010918	1014643	3725 MU-380	1010883 pqiA;pqiB;ymbA	pqiA	1011224	341
TU-0645	FWD	1010918	1014643	3725 MU-380	1010988 pqiA;pqiB;ymbA	pqiA	1011224	236
TU-0646	FWD	1014793	1015293	500 MU-381	1014873 rmf	rmf	1014938	65
TU-0647	FWD	1014793	1015293	500 MU-381	1014882 rmf	rmf	1014938	56
TU-0648	FWD	1014793	1015293	500 MU-381	1014905 rmf	rmf	1014938	33
TU-0649	FWD	1017718	1018143	425 MU-382	1017682 ycbG	ycbG	1017708	26
TU-0650	FWD	1019543	1020118	575 MU-383	1019566 NT			
TU-0651	FWD	1020368	1021018	650 MU-384	1020306 sxy	sxy	1020361	55
TU-0652	FWD	1023693	1025743	2050 MU-385	1023665 helD	helD	1023694	29
TU-0653	FWD	1026993	1027661	668 MU-386	1027106 yccU	yccU	1027169	63
TU-0654	FWD	1026993	1027661	668 MU-386	1027150 yccU	yccU	1027169	19
TU-0655	FWD	1029186	1029737	551 MU-387	1029195 yccX	yccX	1029287	92
TU-0656	FWD	1029186	1029737	551 MU-387	1029201 yccX	yccX	1029287	86
TU-0657	FWD	1030712	1030787	75 MU-388	1030656 NT			
TU-0658	FWD	1031212	1036362	5150 MU-389	1031208 hyaA;hyaB;hyaC;hyaD;hyaE;hyaF	hyaA	1031362	154
TU-0659	FWD	1036962	1041237	4275 MU-390;MU-391	1036930 appC;appB;yccB;appA	appC	1036963	33
TU-0660	FWD	1039862	1041237	1375 MU-391	1039819 appA	appA	1039840	21
TU-0661	FWD	1049037	1049937	900 MU-392	1049039 insA;insB	insA	1049056	17
TU-0662	FWD	1050684	1050896	212 MU-393	1050625 cspG	cspG	1050684	59
TU-0663	FWD	1051070	1051300	230 MU-394	ymcE	ymcE	1051070	
TU-0664	FWD	1051237	1051562	325 MU-395	1051218 gnsA	gnsA	1051290	72
TU-0665	FWD	1055512	1056287	775 MU-396	torT	torT	1055484	
TU-0666	FWD	1057487	1061362	3875 MU-397;MU-398	1057130 torC;torA;torD	torC	1057307	177
TU-0667	FWD	1060837	1061362	525 MU-398	1060747 torD	torD	1061022	275
TU-0668	FWD	1063259	1064515	1256 MU-399	1063246 yccE	yccE	1063259	13
TU-0669	FWD	1064812	1066037	1225 MU-400	1064782 agp	agp	1064808	26
TU-0670	FWD	1067262	1067687	425 MU-401	1067262 ymdF	ymdF	1067304	42
TU-0671	FWD	1073387	1074087	700 MU-402	1073321 rutR	rutR	1073465	144
TU-0672	FWD	1073387	1074087	700 MU-402	1073443 rutR	rutR	1073465	22
TU-0673	FWD	1078312	1080287	1975 MU-403	1078392 putP	putP	1078528	136
TU-0674	FWD	1078312	1080287	1975 MU-403	1078447 putP	putP	1078528	81
TU-0675	FWD	1078312	1080287	1975 MU-403	1078512 putP	putP	1078528	16
TU-0676	FWD	1080537	1083912	3375 MU-404	1080520 efeU;efeO;efeB	efeU	1080579	59
TU-0677	FWD	1080537	1083912	3375 MU-404	1080533 efeU;efeO;efeB	efeU	1080579	46
TU-0678	FWD	1084187	1085287	1100 MU-405	1084120 phoH	phoH	1084215	95
TU-0679	FWD	1084187	1085287	1100 MU-405	1084166 phoH	phoH	1084215	49

TU-0680	FWD	1092112	1093162	1050 MU-406	1092062 ycdT	ycdT	1092099	37
TU-0681	FWD	1092112	1093162	1050 MU-406	1092067 ycdT	ycdT	1092099	32
TU-0682	FWD	1093412	1093887	475 MU-407	1093229 NT			
TU-0683	FWD	1094728	1095069	341 MU-408	ymdE	ymdE	1094728	
TU-0684	FWD	1095066	1096052	986 MU-409	ycdU	ycdU	1095066	
TU-0685	FWD	1097012	1099412	2400 MU-410;MU-411	1096981 ghrA;ycdX;ycdY	ghrA	1097109	128
TU-0686	FWD	1097012	1099412	2400 MU-410;MU-411	1096990 ghrA;ycdX;ycdY	ghrA	1097109	119
TU-0687	FWD	1097012	1099412	2400 MU-410;MU-411	1097010 ghrA;ycdX;ycdY	ghrA	1097109	99
TU-0688	FWD	1097012	1099412	2400 MU-410;MU-411	1097049 ghrA;ycdX;ycdY	ghrA	1097109	60
TU-0689	FWD	1097012	1099412	2400 MU-410;MU-411	1097057 ghrA;ycdX;ycdY	ghrA	1097109	52
TU-0690	FWD	1098187	1099412	1225 MU-411	1098081 ycdX;ycdY	ycdX	1098102	21
TU-0691	FWD	1099462	1099987	525 MU-412	1099336 ycdZ	ycdZ	1099519	183
TU-0692	FWD	1099462	1099987	525 MU-412	1099405 ycdZ	ycdZ	1099519	114
TU-0693	FWD	1103174	1104948	1774 MU-413	csgB;csgA;csgC;ymdA	csgB	1103174	
TU-0694	FWD	1103590	1104015	425 MU-414	1103559 csgA	csgA	1103670	111
TU-0695	FWD	1105040	1107190	2150 MU-415	1105020 ymdB;ymdC	ymdB	1105043	23
TU-0696	FWD	1108465	1112740	4275 MU-416	1108478 mdoG;mdoH	mdoG	1108558	80
TU-0697	FWD	1108465	1112740	4275 MU-416	1108501 mdoG;mdoH	mdoG	1108558	57
TU-0698	FWD	1112802	1113029	227 MU-417	yceK	yceK	1112802	
TU-0699	FWD	1116015	1117065	1050 MU-418	1115959 yceA	yceA	1116030	71
TU-0700	FWD	1116015	1117065	1050 MU-418	1115994 yceA	yceA	1116030	36
TU-0701	FWD	1124722	1128573	3851 MU-419;MU-420	1124698 rimJ;yceH;yceM;yceN	rimJ	1124785	87
TU-0702	FWD	1124722	1128573	3851 MU-419;MU-420	1124706 rimJ;yceH;yceM;yceN	rimJ	1124785	79
TU-0703	FWD	1127047	1128573	1526 MU-420	1127058 yceN	yceN	1127062	4
TU-0704	FWD	1130241	1133780	3539 MU-421	1130215 flgB;flgC;flgD;flgE;flgF	flgB	1130241	26
TU-0705	FWD	1130241	1133780	3539 MU-421	1130271 flgB;flgC;flgD;flgE;flgF	flgB	1130241	-30
TU-0706	FWD	1133952	1137535	3583 MU-422	1133923 flgG;flgH;flgI;flgJ	flgG	1133952	29
TU-0707	FWD	1137628	1140103	2475 MU-423	1137576 flgK;flgL	flgK	1137601	25
TU-0708	FWD	1143725	1144045	320 MU-424	yceQ	yceQ	1143725	
TU-0709	FWD	1144129	1145104	975 MU-425	1144163 rluC	rluC	1144163	0
TU-0710	FWD	1145829	1145904	75 MU-426	1145813 psrD	psrD	1145812	-1
TU-0711	FWD	1145929	1146604	675 MU-427	1145871 yceD;rpmF	yceD	1146017	146
TU-0712	FWD	1145929	1146604	675 MU-427	1145942 yceD;rpmF	yceD	1146017	75
TU-0713	FWD	1145929	1146604	675 MU-427	1146015 yceD;rpmF	yceD	1146017	2
TU-0714	FWD	1146629	1146854	225 MU-428	1146523 rpmF;plsX;fabH;fabD;fabG	rpmF	1146590	67
TU-0715	FWD	1146629	1146854	225 MU-428	1146530 rpmF;plsX;fabH;fabD;fabG	rpmF	1146590	60
TU-0716	FWD	1146629	1146854	225 MU-428	1146538 rpmF;plsX;fabH;fabD;fabG	rpmF	1146590	52
TU-0717	FWD	1146629	1146854	225 MU-428	1146573 rpmF;plsX;fabH;fabD;fabG	rpmF	1146590	17
TU-0718	FWD	1146879	1147629	750 MU-429	1146994 rpmF;plsX;fabH;fabD;fabG	rpmF	1146590	-404
TU-0719	FWD	1147654	1150755	3101 MU-430	1147191 fabH;fabD;fabG	fabH	1147982	791
TU-0720	FWD	1147654	1150755	3101 MU-430	1147299 fabH;fabD;fabG	fabH	1147982	683
TU-0721	FWD	1147654	1150755	3101 MU-430	1147410 fabH;fabD;fabG	fabH	1147982	572
TU-0722	FWD	1150780	1151080	300 MU-431	1150734 acpP;fabF	acpP	1150838	104
TU-0723	FWD	1150780	1151080	300 MU-431	1150759 acpP;fabF	acpP	1150838	79
TU-0724	FWD	1150780	1151080	300 MU-431	1150772 acpP;fabF	acpP	1150838	66
TU-0725	FWD	1150780	1151080	300 MU-431	1150783 acpP;fabF	acpP	1150838	55

TU-0726	FWD	1150780	1151080	300 MU-431	1150791 acpP;fabF	acpP	1150838	47
TU-0727	FWD	1150780	1151080	300 MU-431	1150799 acpP;fabF	acpP	1150838	39
TU-0728	FWD	1150780	1151080	300 MU-431	1150828 acpP;fabF	acpP	1150838	10
TU-0729	FWD	1151105	1152380	1275 MU-432	1151079 fabF	fabF	1151162	83
TU-0730	FWD	1151105	1152380	1275 MU-432	1151133 fabF	fabF	1151162	29
TU-0731	FWD	1152530	1156780	4250 MU-433;MU-434	1152502 pabC;yceG;tmk;holB;ycfH	pabC	1152523	21
TU-0732	FWD	1154230	1156780	2550 MU-434	1154242 tmk;holB;ycfH	tmk	1154347	105
TU-0733	FWD	1154230	1156780	2550 MU-434	1154281 tmk;holB;ycfH	tmk	1154347	66
TU-0734	FWD	1156805	1158530	1725 MU-435	1156852 ptsG	ptsG	1157092	240
TU-0735	FWD	1156805	1158530	1725 MU-435	1156960 ptsG	ptsG	1157092	132
TU-0736	FWD	1156805	1158530	1725 MU-435	1156971 ptsG	ptsG	1157092	121
TU-0737	FWD	1156805	1158530	1725 MU-435	1156977 ptsG	ptsG	1157092	115
TU-0738	FWD	1156805	1158530	1725 MU-435	1156990 ptsG	ptsG	1157092	102
TU-0739	FWD	1161055	1164905	3850 MU-436;MU-437;MU-438	1161048 hinT;ycfL;ycfM;thiK;nagZ;ycfP	hinT	1161108	60
TU-0740	FWD	1161055	1164905	3850 MU-436;MU-437;MU-438	1161078 hinT;ycfL;ycfM;thiK;nagZ;ycfP	hinT	1161108	30
TU-0741	FWD	1161055	1164905	3850 MU-436;MU-437;MU-438	1161086 hinT;ycfL;ycfM;thiK;nagZ;ycfP	hinT	1161108	22
TU-0742	FWD	1163055	1164905	1850 MU-437;MU-438	1163108 nagZ;ycfP	nagZ	1163318	210
TU-0743	FWD	1163055	1164905	1850 MU-437;MU-438	1163203 nagZ;ycfP	nagZ	1163318	115
TU-0744	FWD	1164280	1164905	625 MU-438	1164238 ycfP	ycfP	1164366	128
TU-0745	FWD	1165305	1166605	1300 MU-439	1165249 ndh	ndh	1165308	59
TU-0746	FWD	1165305	1166605	1300 MU-439	1165275 ndh	ndh	1165308	33
TU-0747	FWD	1166830	1167355	525 MU-440	1166736 ycfJ	ycfJ	1166822	86
TU-0748	FWD	1168180	1168580	400 MU-441	1168242 bhsA	bhsA	1168296	54
TU-0749	FWD	1174655	1177180	2525 MU-442	1174623 lolC;lolD;lolE	lolC	1174650	27
TU-0750	FWD	1177205	1179705	2500 MU-443	1177461 nagK;cobB	nagK	1177816	355
TU-0751	FWD	1177205	1179705	2500 MU-443	1177640 nagK;cobB	nagK	1177816	176
TU-0752	FWD	1184987	1186362	1375 MU-444	1184963 pepT	pepT	1185067	104
TU-0753	FWD	1184987	1186362	1375 MU-444	1185028 pepT	pepT	1185067	39
TU-0754	FWD	1184987	1186362	1375 MU-444	1185046 pepT	pepT	1185067	21
TU-0755	FWD	1194216	1195901	1685 MU-445	1194184 icd	icd	1194346	162
TU-0756	FWD	1194216	1195901	1685 MU-445	1194193 icd	icd	1194346	153
TU-0757	FWD	1194216	1195901	1685 MU-445	1194231 icd	icd	1194346	115
TU-0758	FWD	1194216	1195901	1685 MU-445	1194325 icd	icd	1194346	21
TU-0759	FWD	1194216	1195901	1685 MU-445	1194242 icd	icd	1194346	104
TU-0760	FWD	1195937	1196009	72 MU-446	C0293	C0293	1195937	
TU-0761	FWD	1197826	1198526	700 MU-447	1197892 lit	lit	1197918	26
TU-0762	FWD	1200701	1201026	325 MU-448	1200691 ymfI	ymfI	1200720	29
TU-0763	FWD	1202247	1206720	4473 MU-449	1202232 ymfT;ymfL;ymfM;ymfN;ymfR;ymfO;ymfP;ymfQ	ymfT	1202247	15
TU-0764	FWD	1206724	1207768	1044 MU-450	ycfK;ymfS	ycfK	1206724	
TU-0765	FWD	1208908	1209462	554 MU-451	pinE	pinE	1208908	
TU-0766	FWD	1209569	1210402	833 MU-452	1209545 mcrA	mcrA	1209569	24
TU-0767	FWD	1210668	1210793	125 MU-453	1210545 icdC	icdC	1210636	91
TU-0768	FWD	1214994	1216319	1325 MU-454	1214975 ycgZ;ymgA;ariR;ymgC	ycgZ	1215012	37
TU-0769	FWD	1214994	1216319	1325 MU-454	1214994 ycgZ;ymgA;ariR;ymgC	ycgZ	1215012	18
TU-0770	FWD	1216519	1217094	575 MU-455	1216355 ycgG	ycgG	1216551	196

TU-0771	FWD	1218206	1218424	218 MU-456	ymgF	ymgF	1218206	
TU-0772	FWD	1219019	1219569	550 MU-457	1218588 ycgH	ycgH	1218824	236
TU-0773	FWD	1219919	1221419	1500 MU-458	1219841 NT			
TU-0774	FWD	1222487	1222672	185 MU-459	ymgJ	ymgJ	1222487	
TU-0775	FWD	1222844	1223094	250 MU-460	1223002 ycgI	ycgI	1222787	-215
TU-0776	FWD	1225744	1226595	851 MU-461	1225704 ycgJ	ycgJ	1225823	119
TU-0777	FWD	1226695	1227945	1250 MU-462	1226908 ycgL;ycgM	ycgL	1226904	-4
TU-0778	FWD	1227970	1228545	575 MU-463	1227925 ycgN	ycgN	1228038	113
TU-0779	FWD	1227970	1228545	575 MU-463	1228020 ycgN	ycgN	1228038	18
TU-0780	FWD	1227970	1228545	575 MU-463	1228027 ycgN	ycgN	1228038	11
TU-0781	FWD	1229920	1232345	2425 MU-464	1230085 C0299;umuD;umuC	C0299	1229852	-233
TU-0782	FWD	1234145	1234870	725 MU-465	1234128 fadR	fadR	1234161	33
TU-0783	FWD	1234145	1234870	725 MU-465	1234136 fadR	fadR	1234161	25
TU-0784	FWD	1236770	1239220	2450 MU-466	1236748 dadA;dadX	dadA	1236794	46
TU-0785	FWD	1236770	1239220	2450 MU-466	1236754 dadA;dadX	dadA	1236794	40
TU-0786	FWD	1236770	1239220	2450 MU-466	1236762 dadA;dadX	dadA	1236794	32
TU-0787	FWD	1241270	1241770	500 MU-467	1241244 NT			
TU-0788	FWD	1242370	1243070	700 MU-468	1242351 emtA	emtA	1242403	52
TU-0789	FWD	1242370	1243070	700 MU-468	1242388 emtA	emtA	1242403	15
TU-0790	FWD	1243920	1244220	300 MU-469	1243901 ymgE	ymgE	1243951	50
TU-0791	FWD	1243920	1244220	300 MU-469	1243934 ymgE	ymgE	1243951	17
TU-0792	FWD	1244270	1244649	379 MU-470	ycgY	ycgY	1244383	
TU-0793	FWD	1250249	1252174	1925 MU-471	1250212 dhaR	dhaR	1250289	77
TU-0794	FWD	1250249	1252174	1925 MU-471	1250224 dhaR	dhaR	1250289	65
TU-0795	FWD	1257924	1258624	700 MU-472	1257889 ychH	ychH	1258014	125
TU-0796	FWD	1257924	1258624	700 MU-472	1257939 ychH	ychH	1258014	75
TU-0797	FWD	1257924	1258624	700 MU-472	1257961 ychH	ychH	1258014	53
TU-0798	FWD	1257924	1258624	700 MU-472	1257999 ychH	ychH	1258014	15
TU-0799	FWD	1262849	1266299	3450 MU-473	1262806 hemA;prfA;prmC;ychQ	hemA	1262937	131
TU-0800	FWD	1262849	1266299	3450 MU-473	1262898 hemA;prfA;prmC;ychQ	hemA	1262937	39
TU-0801	FWD	1266399	1268499	2100 MU-474;MU-475	1266404 ychA;kdsA	ychA	1266543	139
TU-0802	FWD	1266399	1268499	2100 MU-474;MU-475	1266413 ychA;kdsA	ychA	1266543	130
TU-0803	FWD	1267174	1268499	1325 MU-475	1267041 kdsA	kdsA	1267388	347
TU-0804	FWD	1267174	1268499	1325 MU-475	1267079 kdsA	kdsA	1267388	309
TU-0805	FWD	1267174	1268499	1325 MU-475	1267253 kdsA	kdsA	1267388	135
TU-0806	FWD	1267174	1268499	1325 MU-475	1267259 kdsA	kdsA	1267388	129
TU-0807	FWD	1267174	1268499	1325 MU-475	1267374 kdsA	kdsA	1267388	14
TU-0808	FWD	1268546	1268612	66 MU-476	rdIA	rdIA	1268546	
TU-0809	FWD	1269081	1269146	65 MU-477	rdIB	rdIB	1269081	
TU-0810	FWD	1269616	1269683	67 MU-478	rdIC	rdIC	1269616	
TU-0811	FWD	1271274	1271524	250 MU-479	1271318 chaB	chaB	1271342	24
TU-0812	FWD	1271549	1272524	975 MU-480	1271647 chaC	chaC	1271730	83
TU-0813	FWD	1271549	1272524	975 MU-480	1271652 chaC	chaC	1271730	78
TU-0814	FWD	1273000	1274300	1300 MU-481	1272845 ychO	ychO	1273007	162
TU-0815	FWD	1273000	1274300	1300 MU-481	1272970 ychO	ychO	1273007	37
TU-0816	FWD	1273000	1274300	1300 MU-481	1272976 ychO	ychO	1273007	31

TU-0817	FWD	1277200	1278675	1475 MU-482	narK	narK	1277180	
TU-0818	FWD	1277200	1278675	1475 MU-482	narK	narK	1277180	
TU-0819	FWD	1279050	1284550	5500 MU-483	1279048 narG;narH;narJ;narI	narG	1279087	39
TU-0820	FWD	1285932	1286207	275 MU-484	ychS	ychS	1285932	
TU-0821	FWD	1288250	1290600	2350 MU-485;MU-486	1288329 rssA;rssB	rssA	1288429	100
TU-0822	FWD	1288250	1290600	2350 MU-485;MU-486	1288358 rssA;rssB	rssA	1288429	71
TU-0823	FWD	1289375	1290600	1225 MU-486	1289379 rssB	rssB	1289465	86
TU-0824	FWD	1289375	1290600	1225 MU-486	1289443 rssB	rssB	1289465	22
TU-0825	FWD	1290625	1291575	950 MU-487	1290544 galU	galU	1290680	136
TU-0826	FWD	1290625	1291575	950 MU-487	1290550 galU	galU	1290680	130
TU-0827	FWD	1290625	1291575	950 MU-487	1290557 galU	galU	1290680	123
TU-0828	FWD	1290625	1291575	950 MU-487	1290562 galU	galU	1290680	118
TU-0829	FWD	1290625	1291575	950 MU-487	1290568 galU	galU	1290680	112
TU-0830	FWD	1290625	1291575	950 MU-487	1290586 galU	galU	1290680	94
TU-0831	FWD	1290625	1291575	950 MU-487	1290629 galU	galU	1290680	51
TU-0832	FWD	1290625	1291575	950 MU-487	1290637 galU	galU	1290680	43
TU-0833	FWD	1290625	1291575	950 MU-487	1290644 galU	galU	1290680	36
TU-0834	FWD	1290625	1291575	950 MU-487	1290649 galU	galU	1290680	31
TU-0835	FWD	1290625	1291575	950 MU-487	1290675 galU	galU	1290680	5
TU-0836	FWD	1292750	1293375	625 MU-488	1292716 tdk	tdk	1292750	34
TU-0837	FWD	1297825	1298325	500 MU-489	1297634 ychE	ychE	1297821	187
TU-0838	FWD	1298726	1299001	275 MU-490	1298695 NT			
TU-0839	FWD	1299026	1304726	5700 MU-491;MU-492	1299035 oppA;oppB;oppC;oppD;oppF	oppA	1299206	171
TU-0840	FWD	1299026	1304726	5700 MU-491;MU-492	1299087 oppA;oppB;oppC;oppD;oppF	oppA	1299206	119
TU-0841	FWD	1299026	1304726	5700 MU-491;MU-492	1299100 oppA;oppB;oppC;oppD;oppF	oppA	1299206	106
TU-0842	FWD	1299026	1304726	5700 MU-491;MU-492	1299154 oppA;oppB;oppC;oppD;oppF	oppA	1299206	52
TU-0843	FWD	1301126	1304726	3600 MU-492	1301158 oppB;oppC;oppD;oppF	oppB	1300923	-235
TU-0844	FWD	1301126	1304726	3600 MU-492	1301186 oppB;oppC;oppD;oppF	oppB	1300923	-263
TU-0845	FWD	1306751	1307101	350 MU-493	1306787 yciY	yciY	1306812	25
TU-0846	FWD	1309101	1309826	725 MU-494	1309082 tonB	tonB	1309113	31
TU-0847	FWD	1309101	1309826	725 MU-494	1309102 tonB	tonB	1309113	11
TU-0848	FWD	1312001	1312676	675 MU-495	1312015 ompW	ompW	1312044	29
TU-0849	FWD	1321227	1321802	575 MU-496	1321212 trpH	trpH	1321244	32
TU-0850	FWD	1321827	1322877	1050 MU-497	1321789 yciO	yciO	1322122	333
TU-0851	FWD	1323252	1324102	850 MU-498	yciQ	yciQ	1322770	
TU-0852	FWD	1324352	1324677	325 MU-499	1324321 NT			
TU-0853	FWD	1324727	1325752	1025 MU-500	1324784 rluB	rluB	1324876	92
TU-0854	FWD	1324727	1325752	1025 MU-500	1324836 rluB	rluB	1324876	40
TU-0855	FWD	1327352	1328377	1025 MU-501	1327326 sohB	sohB	1327356	30
TU-0856	FWD	1328827	1331652	2825 MU-502	1328821 topA	topA	1329072	251
TU-0857	FWD	1328827	1331652	2825 MU-502	1328843 topA	topA	1329072	229
TU-0858	FWD	1328827	1331652	2825 MU-502	1328907 topA	topA	1329072	165
TU-0859	FWD	1328827	1331652	2825 MU-502	1329004 topA	topA	1329072	68
TU-0860	FWD	1331813	1332813	1000 MU-503	1331785 cysB	cysB	1331879	94
TU-0861	FWD	1331813	1332813	1000 MU-503	1331795 cysB	cysB	1331879	84
TU-0862	FWD	1331813	1332813	1000 MU-503	1331804 cysB	cysB	1331879	75

TU-0863	FWD	1333138	1333613	475 MU-504	1333102 ymiA;yciX	ymia	1333184	82
TU-0864	FWD	1333138	1333613	475 MU-504	1333114 ymiA;yciX	ymia	1333184	70
TU-0865	FWD	1333138	1333613	475 MU-504	1333123 ymiA;yciX	ymia	1333184	61
TU-0866	FWD	1333763	1336913	3150 MU-505	1333453 acnA	acnA	1333855	402
TU-0867	FWD	1333763	1336913	3150 MU-505	1333805 acnA	acnA	1333855	50
TU-0868	FWD	1337363	1337938	575 MU-506	1337333 pgpB	pgpB	1337354	21
TU-0869	FWD	1337363	1337938	575 MU-506	1337396 pgpB	pgpB	1337354	-42
TU-0870	FWD	1337963	1339738	1775 MU-507	1338115 yciS;yciM	yciS	1338267	152
TU-0871	FWD	1337963	1339738	1775 MU-507	1338159 yciS;yciM	yciS	1338267	108
TU-0872	FWD	1339813	1341013	1200 MU-508	1339893 pyrF;yciH	pyrF	1339945	52
TU-0873	FWD	1339813	1341013	1200 MU-508	1339903 pyrF;yciH	pyrF	1339945	42
TU-0874	FWD	1359115	1364740	5625 MU-509	1359076 puuD;puuR;puuC;puuB;puuE	puuD	1359144	68
TU-0875	FWD	1359115	1364740	5625 MU-509	1359085 puuD;puuR;puuC;puuB;puuE	puuD	1359144	59
TU-0876	FWD	1359115	1364740	5625 MU-509	1359092 puuD;puuR;puuC;puuB;puuE	puuD	1359144	52
TU-0877	FWD	1359115	1364740	5625 MU-509	1359119 puuD;puuR;puuC;puuB;puuE	puuD	1359144	25
TU-0878	FWD	1366090	1367965	1875 MU-510;MU-511	1366062 pspA;pspB;pspC;pspD;pspE	pspA	1366103	41
TU-0879	FWD	1366090	1367965	1875 MU-510;MU-511	1366071 pspA;pspB;pspC;pspD;pspE	pspA	1366103	32
TU-0880	FWD	1367715	1367965	250 MU-511	1367686 pspE	pspE	1367713	27
TU-0881	FWD	1368590	1377965	9375 MU-512	ycjM;ycjN;ycjO;ycjP;ycjQ;ycjR;ycjS;ycjT;ycjU;ycjV;ompG	ycjM	1368240	
TU-0882	FWD	1382016	1384641	2625 MU-513	1382094 ycjX;ycjF	ycjX	1382141	47
TU-0883	FWD	1382016	1384641	2625 MU-513	1382105 ycjX;ycjF	ycjX	1382141	36
TU-0884	FWD	1384691	1386841	2150 MU-514	1384715 tyrR	tyrR	1384744	29
TU-0885	FWD	1384691	1386841	2150 MU-514	1384723 tyrR	tyrR	1384744	21
TU-0886	FWD	1386866	1388066	1200 MU-515	1386892 ycjG	ycjG	1386954	62
TU-0887	FWD	1390016	1390741	725 MU-516	1389971 ycjZ	ycjZ	1390015	44
TU-0888	FWD	1391016	1392666	1650 MU-517	1390986 mppA	mppA	1391251	265
TU-0889	FWD	1394091	1395266	1175 MU-518	1393945 insH	insH	1394100	155
TU-0890	FWD	1395391	1395841	450 MU-519	1395353 ynaJ	ynaJ	1395389	36
TU-0891	FWD	1395391	1395841	450 MU-519	1395364 ynaJ	ynaJ	1395389	25
TU-0892	FWD	1402717	1403792	1075 MU-520	1402725 abgR	abgR	1402765	40
TU-0893	FWD	1403942	1404742	800 MU-521	1403917 ydaL	ydaL	1404003	86
TU-0894	FWD	1403942	1404742	800 MU-521	1403980 ydaL	ydaL	1404003	23
TU-0895	FWD	1406017	1406542	525 MU-522	1406048 ydaN	ydaN	1406074	26
TU-0896	FWD	1406617	1407117	500 MU-523	1406499 NT			
TU-0897	FWD	1407167	1407242	75 MU-524	1407153 NT			
TU-0898	FWD	1407317	1408742	1425 MU-525	1407307 C0343;dbpA	C0343	1407387	80
TU-0899	FWD	1416695	1417183	488 MU-526	1416670 sieB	sieB	1416695	25
TU-0900	FWD	1418389	1421609	3220 MU-527	1418251 ydaS;ydaT;ydaU;ydaV;ydaW;rzpR;rzoR	ydaS	1418389	138
TU-0901	FWD	1421786	1423312	1526 MU-528	1421735 trkG	trkG	1421806	71
TU-0902	FWD	1423401	1424106	705 MU-529	ynaK;ydaY	ynaK	1423401	
TU-0903	FWD	1424478	1425622	1144 MU-530	ynaA;lomR	ynaA	1424478	
TU-0904	FWD	1427212	1428987	1775 MU-531	lomR;stfR;tfaR	lomR	1425413	
TU-0905	FWD	1429137	1430837	1700 MU-532	1429174 NT			
TU-0906	FWD	1431137	1431487	350 MU-533	1431209 NT			
TU-0907	FWD	1432488	1433313	825 MU-534	1432540 NT			

TU-0908	FWD	1435188	1435288	100 MU-535	1435014 micC	micC	1435145	131
TU-0909	FWD	1439063	1439638	575 MU-536	1439047 ydbJ	ydbJ	1439082	35
TU-0910	FWD	1441063	1444238	3175 MU-537;MU-538	1441032 ydbH;ynbE;ydbL	ydbH	1441075	43
TU-0911	FWD	1441063	1444238	3175 MU-537;MU-538	1441046 ydbH;ynbE;ydbL	ydbH	1441075	29
TU-0912	FWD	1443338	1444238	900 MU-538	1443593 ynbE;ydbL	ynbE	1443711	118
TU-0913	FWD	1445438	1447063	1625 MU-539	1445367 feaB	feaB	1445543	176
TU-0914	FWD	1451951	1460988	9037 MU-540;MU-541;MU-542	paaA;paaB;paaC;paaD;paaE;paaF;paaG;paaH;paaI;paaJ;paaK	paaA	1451951	
TU-0915	FWD	1459463	1460988	1525 MU-541;MU-542	1459465 paaJ	paaJ	1458917	-548
TU-0916	FWD	1460388	1460988	600 MU-542	1460199 paaK	paaK	1460149	-50
TU-0917	FWD	1461563	1463138	1575 MU-543	1461534 paaX;paaY	paaX	1461563	29
TU-0918	FWD	1464188	1465863	1675 MU-544	ydbA-1	ydbA	1463416	
TU-0919	FWD	1465913	1466163	250 MU-545	1465734 NT			
TU-0920	FWD	1465913	1466163	250 MU-545	1465893 NT			
TU-0921	FWD	1467238	1469113	1875 MU-546	1467293 ydbA;insI	ydbA	1467265	-28
TU-0922	FWD	1469163	1472038	2875 MU-547	1468976 ydbA-2	ydbA	1468541	-435
TU-0923	FWD	1469163	1472038	2875 MU-547	1469073 ydbA-2	ydbA	1468541	-532
TU-0924	FWD	1469163	1472038	2875 MU-547	1469159 ydbA-2	ydbA	1468541	-618
TU-0925	FWD	1472238	1472913	675 MU-548	1472213 ydbC	ydbC	1472245	32
TU-0926	FWD	1473168	1475474	2306 MU-549	ydbD	ydbD	1473168	
TU-0927	FWD	1475645	1480225	4580 MU-550	ynbA;ynbB;ynbC;ynbD	ynbA	1475645	
TU-0928	FWD	1481072	1484999	3927 MU-551	1481038 hrpA	hrpA	1481085	47
TU-0929	FWD	1485217	1486017	800 MU-552	1485191 ydcF	ydcF	1485259	68
TU-0930	FWD	1485217	1486017	800 MU-552	1485228 ydcF	ydcF	1485259	31
TU-0931	FWD	1486242	1488067	1825 MU-553	1486215 aldA	aldA	1486256	41
TU-0932	FWD	1488942	1489617	675 MU-554	1488899 cybB	cybB	1488926	27
TU-0933	FWD	1489667	1489967	300 MU-555	1489467 ydcA	ydcA	1489701	234
TU-0934	FWD	1490143	1490198	55 MU-556	1489838 sokB	sokB	1490143	305
TU-0935	FWD	1490442	1492142	1700 MU-557	1490461 trg	trg	1490494	33
TU-0936	FWD	1493242	1494267	1025 MU-558	1493185 ydcJ	ydcJ	1493312	127
TU-0937	FWD	1494817	1496527	1710 MU-559	1494803 mdoD	mdoD	1494880	77
TU-0938	FWD	1496652	1496902	250 MU-560	ydcH	ydcH	1496675	
TU-0939	FWD	1496952	1497477	525 MU-561	1496788 rimL	rimL	1496962	174
TU-0940	FWD	1498477	1500352	1875 MU-562	1498559 tehA;tehB	tehA	1498597	38
TU-0941	FWD	1500427	1501355	928 MU-563	1500452 ydcL	ydcL	1500481	29
TU-0942	FWD	1501530	1502880	1350 MU-564	1501681 ydcM	ydcM	1501681	0
TU-0943	FWD	1503982	1504057	75 MU-565	1503923 NT			
TU-0944	FWD	1504207	1506832	2625 MU-566	1504343 ydcN;ydcP	ydcN	1504196	-147
TU-0945	FWD	1507307	1507957	650 MU-567	1507299 yncN;ydcQ	yncN	1507310	11
TU-0946	FWD	1508007	1509213	1206 MU-568	1508002 ydcR	ydcR	1508027	25
TU-0947	FWD	1509543	1515050	5507 MU-569;MU-570	1509620 ydcS;ydcT;ydcU;ydcV;ydcW	ydcS	1509678	58
TU-0948	FWD	1509543	1515050	5507 MU-569;MU-570	1509628 ydcS;ydcT;ydcU;ydcV;ydcW	ydcS	1509678	50
TU-0949	FWD	1512525	1515050	2525 MU-570	1512672 ydcV;ydcW	ydcV	1512786	114
TU-0950	FWD	1515400	1515575	175 MU-571	1515286 ydcX	ydcX	1515413	127
TU-0951	FWD	1515400	1515575	175 MU-571	1515384 ydcX	ydcX	1515413	29
TU-0952	FWD	1515600	1516350	750 MU-572	1515636 ydcY	ydcY	1515672	36

TU-0953	FWD	1517050	1518875	1825 MU-573;MU-574	1517023 yncB;yncC	yncB	1517027	4
TU-0954	FWD	1518275	1518875	600 MU-574	1518295 yncC	yncC	1518286	-9
TU-0955	FWD	1518275	1518875	600 MU-574	1518318 yncC	yncC	1518286	-32
TU-0956	FWD	1521275	1522450	1175 MU-575	1521251 yncE	yncE	1521331	80
TU-0957	FWD	1521275	1522450	1175 MU-575	1521288 yncE	yncE	1521331	43
TU-0958	FWD	1524225	1524750	525 MU-576	1524249 yncG	yncG	1524271	22
TU-0959	FWD	1524964	1525176	212 MU-577	yncH	yncH	1524964	
TU-0960	FWD	1526225	1526875	650 MU-578	rhsE	rhsE	1525926	
TU-0961	FWD	1528256	1528431	175 MU-579	ydcD	ydcD	1527946	
TU-0962	FWD	1528610	1530976	2366 MU-580	1528575 yncI;ydcC	yncI	1528610	35
TU-0963	FWD	1530906	1531381	475 MU-581	1531009 pptA	pptA	1531076	67
TU-0964	FWD	1530906	1531381	475 MU-581	1531017 pptA	pptA	1531076	59
TU-0965	FWD	1530906	1531381	475 MU-581	1531054 pptA	pptA	1531076	22
TU-0966	FWD	1532056	1532881	825 MU-582	1532024 nhoA	nhoA	1532048	24
TU-0967	FWD	1545417	1548217	2800 MU-583	1545331 fdnG;fdnH;fdnI;C0362	fdnG	1545425	94
TU-0968	FWD	1550025	1550410	385 MU-584	C0362	C0362	1550025	
TU-0969	FWD	1554542	1555192	650 MU-585	1554623 osmC	osmC	1554649	26
TU-0970	FWD	1554542	1555192	650 MU-585	1554633 osmC	osmC	1554649	16
TU-0971	FWD	1590462	1590637	175 MU-586	1590454 NT			
TU-0972	FWD	1590462	1590637	175 MU-586	1590496 NT			
TU-0973	FWD	1601212	1603887	2675 MU-587	IsrA;IsrC;IsrD;IsrB	IsrA	1599514	
TU-0974	FWD	1604162	1605262	1100 MU-588	1604091 IsrF;IsrG	IsrF	1604124	33
TU-0975	FWD	1605362	1606412	1050 MU-589	1605347 tam	tam	1605370	23
TU-0976	FWD	1609962	1610212	250 MU-590	NT			
TU-0977	FWD	1612687	1613462	775 MU-591	1612804 yneJ	yneJ	1612828	24
TU-0978	FWD	1613787	1614902	1115 MU-592	yncK	yncK	1613787	
TU-0979	FWD	1615037	1616212	1175 MU-593	1615019 ydeA	ydeA	1615052	33
TU-0980	FWD	1615037	1616212	1175 MU-593	1615025 ydeA	ydeA	1615052	27
TU-0981	FWD	1617162	1618212	1050 MU-594	1617117 marR;marA;marB	marR	1617144	27
TU-0982	FWD	1619362	1620487	1125 MU-595	1619451 ydeE	ydeE	1619356	-95
TU-0983	FWD	1620587	1620837	250 MU-596	1620611 yneM	yncM	1620670	59
TU-0984	FWD	1620587	1620837	250 MU-596	1620623 yneM	yncM	1620670	47
TU-0985	FWD	1620587	1620837	250 MU-596	1620630 yneM	yncM	1620670	40
TU-0986	FWD	1622612	1623162	550 MU-597	1622714 ydeJ	ydeJ	1622797	83
TU-0987	FWD	1622612	1623162	550 MU-597	1622754 ydeJ	ydeJ	1622797	43
TU-0988	FWD	1622612	1623162	550 MU-597	1622768 ydeJ	ydeJ	1622797	29
TU-0989	FWD	1625487	1626287	800 MU-598	1625515 ydfG	ydfG	1625541	26
TU-0990	FWD	1625487	1626287	800 MU-598	1625525 ydfG	ydfG	1625541	16
TU-0991	FWD	1626337	1627037	700 MU-599	1626350 ydfH	ydfH	1626376	26
TU-0992	FWD	1627212	1627612	400 MU-600	1627192 ydfZ	ydfZ	1627239	47
TU-0993	FWD	1629462	1629787	325 MU-601	NT			
TU-0994	FWD	1630762	1631187	425 MU-602	1630662 ydfK	ydfK	1631063	401
TU-0995	FWD	1631646	1632236	590 MU-603	pinQ	pinQ	1631646	
TU-0996	FWD	1634780	1635481	701 MU-604	ynfO;ydfO	ynfO	1634780	
TU-0997	FWD	1639879	1640091	212 MU-605	cspF	cspF	1639879	
TU-0998	FWD	1640137	1640362	225 MU-606	1640110 NT			

TU-0999	FWD	1644090	1644315	225 MU-607	1644252 ydfV	ydfV	1643921	-331
TU-1000	FWD	1644390	1644690	300 MU-608	1644356 flxA	flxA	1644429	73
TU-1001	FWD	1644390	1644690	300 MU-608	1644385 flxA	flxA	1644429	44
TU-1002	FWD	1644390	1644690	300 MU-608	1644410 flxA	flxA	1644429	19
TU-1003	FWD	1645990	1646340	350 MU-609	1645955 dicA	dicA	1645958	3
TU-1004	FWD	1645990	1646340	350 MU-609	1645971 dicA	dicA	1645958	-13
TU-1005	FWD	1646540	1646840	300 MU-610	1646462 ydfA;ydfB;rzpQ	ydfA	1646532	70
TU-1006	FWD	1647240	1647415	175 MU-611	1647206 dicF	dicF	1647406	200
TU-1007	FWD	1647240	1647415	175 MU-611	1647275 dicF	dicF	1647406	131
TU-1008	FWD	1647633	1648009	376 MU-612	dicB;ydfD	dicB	1647633	
TU-1009	FWD	1648102	1648866	764 MU-613	ydfE	ydfE	1648102	
TU-1010	FWD	1648890	1650165	1275 MU-614	insD	insD	1648869	
TU-1011	FWD	1649575	1650732	1157 MU-615	intQ	intQ	1649575	
TU-1012	FWD	1653745	1654770	1025 MU-616	1653746 ynfB;speG	ynfB	1653832	86
TU-1013	FWD	1653745	1654770	1025 MU-616	1653808 ynfB;speG	ynfB	1653832	24
TU-1014	FWD	1655595	1655945	350 MU-617	1655563 ynfD	ynfD	1655589	26
TU-1015	FWD	1655595	1655945	350 MU-617	1655569 ynfD	ynfD	1655589	20
TU-1016	FWD	1656095	1663220	7125 MU-618;MU-619;MU-620;MU-621	1656059 ynfE;ynfF;ynfG;ynfH;dmsD	ynfE	1656093	34
TU-1017	FWD	1656095	1663220	7125 MU-618;MU-619;MU-620;MU-621	1656061 ynfE;ynfF;ynfG;ynfH;dmsD	ynfE	1656093	32
TU-1018	FWD	1657495	1663220	5725 MU-619;MU-620;MU-621	1657572 ynfF;ynfG;ynfH;dmsD	ynfF	1658580	1008
TU-1019	FWD	1657495	1663220	5725 MU-619;MU-620;MU-621	1657638 ynfF;ynfG;ynfH;dmsD	ynfF	1658580	942
TU-1020	FWD	1659745	1663220	3475 MU-620;MU-621	1659685 ynfG;ynfH;dmsD	ynfG	1661014	1329
TU-1021	FWD	1661620	1663220	1600 MU-621	1661476 ynfH;dmsD	ynfH	1661633	157
TU-1022	FWD	1661620	1663220	1600 MU-621	1661746 ynfH;dmsD	ynfH	1661633	-113
TU-1023	FWD	1663320	1663970	650 MU-622	1663316 clcB	clcB	1663339	23
TU-1024	FWD	1663320	1663970	650 MU-622	1663319 clcB	clcB	1663339	20
TU-1025	FWD	1667720	1669045	1325 MU-623	1667686 ynfM	ynfM	1667723	37
TU-1026	FWD	1667720	1669045	1325 MU-623	1667781 ynfM	ynfM	1667723	-58
TU-1027	FWD	1669370	1669670	300 MU-624	1669351 asr	asr	1669400	49
TU-1028	FWD	1669801	1669884	83 MU-625	ydgU	ydgU	1669801	
TU-1029	FWD	1669970	1670970	1000 MU-626	1669940 ydgD	ydgD	1669984	44
TU-1030	FWD	1671945	1672870	925 MU-627	1671914 tqSA	tqSA	1671937	23
TU-1031	FWD	1676295	1678345	2050 MU-628	1676332 ydgH;ydGI	ydgH	1676451	119
TU-1032	FWD	1676295	1678345	2050 MU-628	1676394 ydgH;ydGI	ydgH	1676451	57
TU-1033	FWD	1676295	1678345	2050 MU-628	1676402 ydgH;ydGI	ydgH	1676451	49
TU-1034	FWD	1678795	1679795	1000 MU-629	1678643 folM	folM	1679000	357
TU-1035	FWD	1678795	1679795	1000 MU-629	1678869 folM	folM	1679000	131
TU-1036	FWD	1680195	1682220	2025 MU-630	1680159 rstA;rstB	rstA	1680183	24
TU-1037	FWD	1680195	1682220	2025 MU-630	1680160 rstA;rstB	rstA	1680183	23
TU-1038	FWD	1682270	1683445	1175 MU-631	1682257 tus	tus	1682283	26
TU-1039	FWD	1686595	1687720	1125 MU-632	1686569 manA	manA	1686600	31
TU-1040	FWD	1686595	1687720	1125 MU-632	1686575 manA	manA	1686600	25
TU-1041	FWD	1687845	1689545	1700 MU-633	1687818 ydgA	ydgA	1687876	58
TU-1042	FWD	1697346	1700121	2775 MU-634;MU-635	1697338 malX;malY	malX	1697379	41
TU-1043	FWD	1697346	1700121	2775 MU-634;MU-635	1697348 malX;malY	malX	1697379	31
TU-1044	FWD	1698921	1700121	1200 MU-635	1698864 malY	malY	1698981	117

TU-1045	FWD	1700246	1701121	875 MU-636	1700228 add	add	1700257	29
TU-1046	FWD	1702171	1702196	25 MU-637	1702086 NT			
TU-1047	FWD	1702571	1702921	350 MU-638	1702412 blr	blr	1702575	163
TU-1048	FWD	1702571	1702921	350 MU-638	1702536 blr	blr	1702575	39
TU-1049	FWD	1702971	1703046	75 MU-639	1702879 cnu	cnu	1702973	94
TU-1050	FWD	1703096	1710096	7000 MU-640;MU-641	1703230 ydgK;rsxA;rsxB;rsxC;rsxD;rsxE;rsxF;rsyG;rsyE;nth	ydgK	1703274	44
TU-1051	FWD	1703746	1710096	6350 MU-641	rsxA;rsxB;rsxC;rsxD;rsxE;rsxF;rsyG;rsyE;nth	rsxA	1703791	
TU-1052	FWD	1710796	1712296	1500 MU-642	1710713 tppB	tppB	1710793	80
TU-1053	FWD	1712396	1713246	850 MU-643	1712376 gst	gst	1712401	25
TU-1054	FWD	1717796	1718721	925 MU-644	1717775 slyB	slyB	1717900	125
TU-1055	FWD	1717796	1718721	925 MU-644	1717783 slyB	slyB	1717900	117
TU-1056	FWD	1717796	1718721	925 MU-644	1717794 slyB	slyB	1717900	106
TU-1057	FWD	1717796	1718721	925 MU-644	1717801 slyB	slyB	1717900	99
TU-1058	FWD	1717796	1718721	925 MU-644	1717842 slyB	slyB	1717900	58
TU-1059	FWD	1717796	1718721	925 MU-644	1717855 slyB	slyB	1717900	45
TU-1060	FWD	1717796	1718721	925 MU-644	1717893 slyB	slyB	1717900	7
TU-1061	FWD	1718796	1722046	3250 MU-645	1718960 ydhI;ydhJ;ydhK	ydhI	1719049	89
TU-1062	FWD	1718796	1722046	3250 MU-645	1719022 ydhI;ydhJ;ydhK	ydhI	1719049	27
TU-1063	FWD	1724071	1725771	1700 MU-646	1724047 ydhM;nemA	ydhM	1724047	0
TU-1064	FWD	1724071	1725771	1700 MU-646	1724064 ydhM;nemA	ydhM	1724047	-17
TU-1065	FWD	1725846	1726265	419 MU-647	1725785 gloA	gloA	1725861	76
TU-1066	FWD	1725846	1726265	419 MU-647	1725824 gloA	gloA	1725861	37
TU-1067	FWD	1725846	1726265	419 MU-647	1725833 gloA	gloA	1725861	28
TU-1068	FWD	1726365	1731490	5125 MU-648	1726343 rnt;lhr	rnt	1726371	28
TU-1069	FWD	1732440	1733215	775 MU-649	1732405 ydhO	ydhO	1732459	54
TU-1070	FWD	1733365	1734090	725 MU-650	1733349 sodB	sodB	1733402	53
TU-1071	FWD	1733365	1734090	725 MU-650	1733362 sodB	sodB	1733402	40
TU-1072	FWD	1733365	1734090	725 MU-650	1733380 sodB	sodB	1733402	22
TU-1073	FWD	1735740	1736990	1250 MU-651	1735712 purR	purR	1735868	156
TU-1074	FWD	1735740	1736990	1250 MU-651	1735720 purR	purR	1735868	148
TU-1075	FWD	1737990	1738890	900 MU-652	1737904 ydhC	ydhC	1737935	31
TU-1076	FWD	1739240	1740565	1325 MU-653	1739225 cfa	cfa	1739437	212
TU-1077	FWD	1739240	1740565	1325 MU-653	1739338 cfa	cfa	1739437	99
TU-1078	FWD	1739240	1740565	1325 MU-653	1739404 cfa	cfa	1739437	33
TU-1079	FWD	1741415	1742840	1425 MU-654	1741414 mdtK	mdtK	1741481	67
TU-1080	FWD	1744465	1744665	200 MU-655	1744459 valV;valW	valV	1744459	0
TU-1081	FWD	1744715	1744990	275 MU-656	1744697 ydhR	ydhR	1744724	27
TU-1082	FWD	1745165	1746840	1675 MU-657	1745115 ydhS	ydhS	1745155	40
TU-1083	FWD	1753390	1755140	1750 MU-658	1753583 pykF	pykF	1753722	139
TU-1084	FWD	1753390	1755140	1750 MU-658	1753624 pykF	pykF	1753722	98
TU-1085	FWD	1753390	1755140	1750 MU-658	1753637 pykF	pykF	1753722	85
TU-1086	FWD	1753390	1755140	1750 MU-658	1753651 pykF	pykF	1753722	71
TU-1087	FWD	1753390	1755140	1750 MU-658	1753685 pykF	pykF	1753722	37
TU-1088	FWD	1753390	1755140	1750 MU-658	1753695 pykF	pykF	1753722	27
TU-1089	FWD	1753390	1755140	1750 MU-658	1753703 pykF	pykF	1753722	19
TU-1090	FWD	1755415	1755865	450 MU-659	1755407 lpp	lpp	1755445	38

TU-1091	FWD	1755415	1755865	450 MU-659	1755419 lpp	lpp	1755445	26
TU-1092	FWD	1766895	1768145	1250 MU-660	1766794 ydiK	ydiK	1767098	304
TU-1093	FWD	1768396	1768501	105 MU-661	1768396 rprA	rprA	1768396	0
TU-1094	FWD	1768645	1768845	200 MU-662	ydiL	ydiL	1768639	
TU-1095	FWD	1769095	1770309	1214 MU-663	ydiM	ydiM	1769095	
TU-1096	FWD	1770530	1772679	2149 MU-664	ydiN;ydiB	ydiN	1770530	
TU-1097	FWD	1772620	1773445	825 MU-665	1772646 aroD	aroD	1772710	64
TU-1098	FWD	1774045	1774945	900 MU-666	ydiF;ydiO	ydiF	1773611	
TU-1099	FWD	1777641	1780998	3357 MU-667	ydiQ;ydiR;ydiS;ydiT	ydiQ	1777641	
TU-1100	FWD	1781055	1782701	1646 MU-668	fadK	fadK	1781055	
TU-1101	FWD	1785472	1786322	850 MU-669	1785439 ydiA	ydiA	1785469	30
TU-1102	FWD	1786372	1787472	1100 MU-670	1786345 aroH	aroH	1786459	114
TU-1103	FWD	1786372	1787472	1100 MU-670	1786408 aroH	aroH	1786459	51
TU-1104	FWD	1786372	1787472	1100 MU-670	1786444 aroH	aroH	1786459	15
TU-1105	FWD	1787647	1787772	125 MU-671	1787609 ydiE	ydiE	1787637	28
TU-1106	FWD	1797297	1798022	725 MU-672	1797314 NT			
TU-1107	FWD	1801118	1803017	1899 MU-673	arpB	arpB	1801118	
TU-1108	FWD	1803222	1803297	75 MU-674	1803158 yniD	yniD	1803189	31
TU-1109	FWD	1804347	1805322	975 MU-675	1804346 pfkB	pfkB	1804394	48
TU-1110	FWD	1804347	1805322	975 MU-675	1804376 pfkB	pfkB	1804394	18
TU-1111	FWD	1805372	1806722	1350 MU-676;MU-677	1805399 ydiZ;yniA	ydiZ	1805424	25
TU-1112	FWD	1805797	1806722	925 MU-677	1805794 yniA	yniA	1805820	26
TU-1113	FWD	1807347	1808047	700 MU-678	1807303 yniC	yniC	1807404	101
TU-1114	FWD	1807347	1808047	700 MU-678	1807313 yniC	yniC	1807404	91
TU-1115	FWD	1807347	1808047	700 MU-678	1807348 yniC	yniC	1807404	56
TU-1116	FWD	1808247	1808597	350 MU-679	ydjM	ydjM	1808223	
TU-1117	FWD	1808947	1810672	1725 MU-680	1808906 ydjN	ydjN	1808958	52
TU-1118	FWD	1808947	1810672	1725 MU-680	1808938 ydjN	ydjN	1808958	20
TU-1119	FWD	1808947	1810672	1725 MU-680	1808943 ydjN	ydjN	1808958	15
TU-1120	FWD	1811854	1814229	2375 MU-681	1811839 katE	katE	1811891	52
TU-1121	FWD	1820460	1821335	875 MU-682	1820452 nadE	nadE	1820482	30
TU-1122	FWD	1820460	1821335	875 MU-682	1820460 nadE	nadE	1820482	22
TU-1123	FWD	1821435	1822310	875 MU-683	1821516 cho	cho	1821539	23
TU-1124	FWD	1830435	1831235	800 MU-684	1830423 xthA	xthA	1830452	29
TU-1125	FWD	1831385	1833210	1825 MU-685;MU-686	1831520 ydjX;ydjY;ydjZ;ynjA;ynjB;ynjC;ynjD;ynjE	ydjX	1831425	-95
TU-1126	FWD	1831985	1838735	6750 MU-686;MU-687	1832010 ydjY;ydjZ;ynjA;ynjB;ynjC;ynjD;ynjE	ydjY	1832140	130
TU-1127	FWD	1833360	1838735	5375 MU-687	1833171 ynjA;ynjB;ynjC;ynjD;ynjE	ynjA	1833539	368
TU-1128	FWD	1833360	1838735	5375 MU-687	1833341 ynjA;ynjB;ynjC;ynjD;ynjE	ynjA	1833539	198
TU-1129	FWD	1833360	1838735	5375 MU-687	1833483 ynjA;ynjB;ynjC;ynjD;ynjE	ynjA	1833539	56
TU-1130	FWD	1839510	1839860	350 MU-688	1839484 nudG	nudG	1839514	30
TU-1131	FWD	1840360	1841885	1525 MU-689	1840289 gdhA	gdhA	1840395	106
TU-1132	FWD	1840360	1841885	1525 MU-689	1840332 gdhA	gdhA	1840395	63
TU-1133	FWD	1840360	1841885	1525 MU-689	1840340 gdhA	gdhA	1840395	55
TU-1134	FWD	1840360	1841885	1525 MU-689	1840347 gdhA	gdhA	1840395	48
TU-1135	FWD	1840360	1841885	1525 MU-689	1840356 gdhA	gdhA	1840395	39
TU-1136	FWD	1840360	1841885	1525 MU-689	1840362 gdhA	gdhA	1840395	33

TU-1137	FWD	1840360	1841885	1525 MU-689	1840370	gdhA	gdhA	1840395	25
TU-1138	FWD	1840360	1841885	1525 MU-689	1840385	gdhA	gdhA	1840395	10
TU-1139	FWD	1846835	1848660	1825 MU-690	1846816	sppA	sppA	1846861	45
TU-1140	FWD	1848885	1850535	1650 MU-691	1848858	ansA;pncA	ansA	1848884	26
TU-1141	FWD	1850810	1850885	75 MU-692		NT			
TU-1142	FWD	1860560	1861810	1250 MU-693	1860550	gapA	gapA	1860795	245
TU-1143	FWD	1860560	1861810	1250 MU-693	1860641	gapA	gapA	1860795	154
TU-1144	FWD	1860560	1861810	1250 MU-693	1860750	gapA	gapA	1860795	45
TU-1145	FWD	1860560	1861810	1250 MU-693	1860759	gapA	gapA	1860795	36
TU-1146	FWD	1860560	1861810	1250 MU-693	1860764	gapA	gapA	1860795	31
TU-1147	FWD	1860560	1861810	1250 MU-693	1860768	gapA	gapA	1860795	27
TU-1148	FWD	1860560	1861810	1250 MU-693	1860775	gapA	gapA	1860795	20
TU-1149	FWD	1861860	1862710	850 MU-694	1861848	yeaD	yeaD	1861874	26
TU-1150	FWD	1864793	1868243	3450 MU-695	1864771	yeaG;yeaH	yeaG	1864932	161
TU-1151	FWD	1868409	1869884	1475 MU-696		yeaI	yeaI	1868409	
TU-1152	FWD	1869318	1869793	475 MU-697	1869267	NT			
TU-1153	FWD	1870018	1871418	1400 MU-698	1870070	yeaJ	yeaJ	1870065	-5
TU-1154	FWD	1871568	1872093	525 MU-699	1871568	yeaK	yeaK	1871598	30
TU-1155	FWD	1872143	1872693	550 MU-700	1872376	yeaL	yeaL	1872376	0
TU-1156	FWD	1873697	1874878	1181 MU-701	1873676	yeaN	yeaN	1873697	21
TU-1157	FWD	1874868	1875268	400 MU-702	1874890	yeaO	yeaO	1874933	43
TU-1158	FWD	1874868	1875268	400 MU-702	1874905	yeaO	yeaO	1874933	28
TU-1159	FWD	1875718	1876893	1175 MU-703	1875691	yeaP	yeaP	1875739	48
TU-1160	FWD	1880143	1880693	550 MU-704	1879856	yeaU	yeaU	1879936	80
TU-1161	FWD	1881212	1884834	3622 MU-705	1881168	yeaV;yeaW;yeaX	yeaV	1881212	44
TU-1162	FWD	1891343	1891743	400 MU-706	1891360	yoaB	yoaB	1891391	31
TU-1163	FWD	1891343	1891743	400 MU-706	1891366	yoaB	yoaB	1891391	25
TU-1164	FWD	1891343	1891743	400 MU-706	1891374	yoaB	yoaB	1891391	17
TU-1165	FWD	1891918	1892468	550 MU-707	1892041	yoaC	yoaC	1892097	56
TU-1166	FWD	1892793	1894770	1977 MU-708	1892781	pabB;nudL	pabB	1892829	48
TU-1167	FWD	1894820	1896370	1550 MU-709	1894833	sdaA	sdaA	1894956	123
TU-1168	FWD	1896445	1898070	1625 MU-710		yoaD	yoaD	1896451	
TU-1169	FWD	1899920	1902770	2850 MU-711;MU-712	1899959	manX;manY;manZ	manX	1900072	113
TU-1170	FWD	1899920	1902770	2850 MU-711;MU-712	1900054	manX;manY;manZ	manX	1900072	18
TU-1171	FWD	1901170	1902770	1600 MU-712	1901068	manY;manZ	manY	1901106	38
TU-1172	FWD	1901170	1902770	1600 MU-712	1901076	manY;manZ	manY	1901106	30
TU-1173	FWD	1902820	1903195	375 MU-713	1902743	yobD	yobD	1902825	82
TU-1174	FWD	1903595	1903995	400 MU-714	1903486	yebN	yebN	1903712	226
TU-1175	FWD	1906195	1906520	325 MU-715	1906179	NT			
TU-1176	FWD	1906945	1907170	225 MU-716	1906925	yobH	yobH	1906949	24
TU-1177	FWD	1908300	1909673	1373 MU-717		yebQ	yebQ	1908300	
TU-1178	FWD	1914270	1918070	3800 MU-718;MU-719	1914178	yebS;yebT	yebS	1914282	104
TU-1179	FWD	1914270	1918070	3800 MU-718;MU-719	1914258	yebS;yebT	yebS	1914282	24
TU-1180	FWD	1915295	1918070	2775 MU-719	1915436	yebT	yebT	1915534	98
TU-1181	FWD	1918245	1919670	1425 MU-720	1918223	rsmF	rsmF	1918247	24
TU-1182	FWD	1919770	1920045	275 MU-721	1919749	yebV	yebV	1919804	55

TU-1183	FWD	1920096	1920471	375 MU-722	1920121 yebW	yebW	1920145	24
TU-1184	FWD	1921071	1921321	250 MU-723	1921090 ryeA	ryeA	1921090	0
TU-1185	FWD	1923046	1923421	375 MU-724	1923112 holE	holE	1923132	20
TU-1186	FWD	1923446	1924246	800 MU-725	1923413 yobB	yobB	1923464	51
TU-1187	FWD	1924271	1924771	500 MU-726	1924122 exoX	exoX	1924144	22
TU-1188	FWD	1928921	1930096	1175 MU-727	1928881 purT	purT	1928905	24
TU-1189	FWD	1934424	1935599	1175 MU-728	1934613 yebK	yebK	1934676	63
TU-1190	FWD	1935624	1937199	1575 MU-729	1935526 pykA	pykA	1935673	147
TU-1191	FWD	1935624	1937199	1575 MU-729	1935566 pykA	pykA	1935673	107
TU-1192	FWD	1935624	1937199	1575 MU-729	1935571 pykA	pykA	1935673	102
TU-1193	FWD	1940649	1942374	1725 MU-730	1940581 znuC;znuB	znuC	1940686	105
TU-1194	FWD	1940649	1942374	1725 MU-730	1940614 znuC;znuB	znuC	1940686	72
TU-1195	FWD	1940649	1942374	1725 MU-730	1940625 znuC;znuB	znuC	1940686	61
TU-1196	FWD	1940649	1942374	1725 MU-730	1940658 znuC;znuB	znuC	1940686	28
TU-1197	FWD	1944275	1944877	602 MU-731	1944248 yebB	yebB	1944275	27
TU-1198	FWD	1948824	1950124	1300 MU-732	1948632 yecD;yecE	yecD	1948856	224
TU-1199	FWD	1948824	1950124	1300 MU-732	1948794 yecD;yecE	yecD	1948856	62
TU-1200	FWD	1950274	1952474	2200 MU-733	1950455 yecN;cmoA;cmoB	yecN	1950290	-165
TU-1201	FWD	1953649	1953874	225 MU-734	1953581 NT			
TU-1202	FWD	1958049	1959799	1750 MU-735	1958029 argS	argS	1958086	57
TU-1203	FWD	1959996	1960484	488 MU-736	yecT	yecT	1959996	
TU-1204	FWD	1970763	1970840	77 MU-737	C0465	C0465	1970763	
TU-1205	FWD	1977349	1977424	75 MU-738	1977320 NT			
TU-1206	FWD	1977699	1978299	600 MU-739	1977744 uspC	uspC	1977777	33
TU-1207	FWD	1980599	1980799	200 MU-740	1980567 NT			
TU-1208	FWD	1984802	1985427	625 MU-741	1984821 ftnB	ftnB	1984949	128
TU-1209	FWD	1986246	1986569	323 MU-742	yecR	yecR	1986246	
TU-1210	FWD	1986727	1987227	500 MU-743	1986706 ftnA	ftnA	1986740	34
TU-1211	FWD	1986727	1987227	500 MU-743	1986724 ftnA	ftnA	1986740	16
TU-1212	FWD	1987702	1988902	1200 MU-744	1987667 tyrP	tyrP	1987705	38
TU-1213	FWD	1993830	1994030	200 MU-745	1993798 yecF	yecF	1993842	44
TU-1214	FWD	1993830	1994030	200 MU-745	1993814 yecF	yecF	1993842	28
TU-1215	FWD	1994905	1995130	225 MU-746	1994856 NT			
TU-1216	FWD	1998530	1998730	200 MU-747	1998511 NT			
TU-1217	FWD	2001896	2004102	2206 MU-748	2001860 fliD;fliS;fliT	fliD	2001896	36
TU-1218	FWD	2001896	2004102	2206 MU-748	2001866 fliD;fliS;fliT	fliD	2001896	30
TU-1219	FWD	2004173	2005673	1500 MU-749	2004156 amyA	amyA	2004180	24
TU-1220	FWD	2006298	2007723	1425 MU-750	2006264 yedE;yedF	yedE	2006301	37
TU-1221	FWD	2007823	2008523	700 MU-751	2007826 yedK	yedK	2007845	19
TU-1222	FWD	2007823	2008523	700 MU-751	2007831 yedK	yedK	2007845	14
TU-1223	FWD	2008623	2009223	600 MU-752	2008610 yedL	yedL	2008624	14
TU-1224	FWD	2008623	2009223	600 MU-752	2008621 yedL	yedL	2008624	3
TU-1225	FWD	2010526	2010687	161 MU-753	intG	intG	2010526	
TU-1226	FWD	2011723	2016823	5100 MU-754	2011167 fliF;fliG;fliH;fliI;fliJ;fliK	fliF	2011253	86
TU-1227	FWD	2017748	2018998	1250 MU-755	2017609 fliL;fliM;fliN;fliO;fliP;fliQ;fliR	fliL	2017642	33
TU-1228	FWD	2019112	2021702	2590 MU-756	2018934 fliN;fliO;fliP;fliQ;fliR	fliN	2019112	178

TU-1229	FWD	2021992	2022615	623 MU-757	2021861 rcsA	rcsA	2021992	131
TU-1230	FWD	2022977	2023252	275 MU-758	2022951 yodD	yodD	2023010	59
TU-1231	FWD	2023302	2024427	1125 MU-759	2023477 yedP	yedP	2023535	58
TU-1232	FWD	2027563	2028483	920 MU-760	yedA	yedA	2027563	
TU-1233	FWD	2031673	2031763	90 MU-761	rseX	rseX	2031673	
TU-1234	FWD	2032027	2033202	1175 MU-762	2032159 yedS	yedS	2032075	-84
TU-1235	FWD	2033677	2034727	1050 MU-763	2033655 hchA	hchA	2033859	204
TU-1236	FWD	2033677	2034727	1050 MU-763	2033776 hchA	hchA	2033859	83
TU-1237	FWD	2033677	2034727	1050 MU-763	2033785 hchA	hchA	2033859	74
TU-1238	FWD	2033677	2034727	1050 MU-763	2033789 hchA	hchA	2033859	70
TU-1239	FWD	2033677	2034727	1050 MU-763	2033804 hchA	hchA	2033859	55
TU-1240	FWD	2036977	2037677	700 MU-764	2036955 yedX	yedX	2036980	25
TU-1241	FWD	2037752	2039127	1375 MU-765	2037773 yedY;yedZ	yedY	2037502	-271
TU-1242	FWD	2039377	2040127	750 MU-766	2039362 yodA	yodA	2039399	37
TU-1243	FWD	2039377	2040127	750 MU-766	2039368 yodA	yodA	2039399	31
TU-1244	FWD	2039377	2040127	750 MU-766	2039374 yodA	yodA	2039399	25
TU-1245	FWD	2039377	2040127	750 MU-766	2039382 yodA	yodA	2039399	17
TU-1246	FWD	2040152	2041112	960 MU-767	2039935 yodB	yodB	2040392	457
TU-1247	FWD	2041462	2042539	1077 MU-768	2041628 mtfA	mtfA	2041675	47
TU-1248	FWD	2042589	2042739	150 MU-769	2042462 asnT	asnT	2042573	111
TU-1249	FWD	2042962	2050038	7076 MU-770	yeeJ	yeeJ	2042962	
TU-1250	FWD	2047789	2049889	2100 MU-771	2047956 NT			
TU-1251	FWD	2051614	2052989	1375 MU-772	2051590 shiA	shiA	2051667	77
TU-1252	FWD	2053064	2054514	1450 MU-773	2053054 amn	amn	2053085	31
TU-1253	FWD	2054864	2055564	700 MU-774	2054822 yeeN	yeeN	2054882	60
TU-1254	FWD	2054864	2055564	700 MU-774	2054830 yeeN	yeeN	2054882	52
TU-1255	FWD	2054864	2055564	700 MU-774	2054841 yeeN	yeeN	2054882	41
TU-1256	FWD	2054864	2055564	700 MU-774	2054850 yeeN	yeeN	2054882	32
TU-1257	FWD	2054864	2055564	700 MU-774	2054862 yeeN	yeeN	2054882	20
TU-1258	FWD	2057884	2058034	150 MU-775	2057875 asnU	asnU	2057875	0
TU-1259	FWD	2060284	2060359	75 MU-776	asnV	asnV	2060284	
TU-1260	FWD	2066659	2066909	250 MU-777	2066552 yoeA	yoeA	2066659	107
TU-1261	FWD	2066934	2067209	275 MU-778	NT			
TU-1262	FWD	2068284	2068509	225 MU-779	2068330 yoeA	yoeA	2068294	-36
TU-1263	FWD	2068584	2069234	650 MU-780	2068543 yeeP	yeeP	2068684	141
TU-1264	FWD	2069434	2069459	25 MU-781	2069348 isrC	isrC	2069339	-9
TU-1265	FWD	2069536	2072686	3150 MU-782	2069496 flu	flu	2069563	67
TU-1266	FWD	2069536	2072686	3150 MU-782	2069533 flu	flu	2069563	30
TU-1267	FWD	2072803	2076131	3328 MU-783	yeeR;yeeS;yeeT;yeeU;yeeV;yeeW	yeeR	2072803	
TU-1268	FWD	2074332	2076131	1799 MU-784	2074114 yeeS;yeeT;yeeU;yeeV;yeeW	yeeS	2074332	218
TU-1269	FWD	2076086	2076136	50 MU-785	2076053 NT			
TU-1270	FWD	2076770	2076955	185 MU-786	yoeF	yoeF	2076770	
TU-1271	FWD	2080786	2082186	1400 MU-787	2080756 sbcB	sbcB	2080780	24
TU-1272	FWD	2087986	2095261	7275 MU-788;MU-789;MU-790	2087989 hisL;hisG;hisD;hisC;hisB;hisH;hisA;hisF;hisI	hisL	2088020	31
TU-1273	FWD	2087986	2095261	7275 MU-788;MU-789;MU-790	2088018 hisL;hisG;hisD;hisC;hisB;hisH;hisA;hisF;hisI	hisL	2088020	2
TU-1274	FWD	2088186	2095261	7075 MU-789;MU-790	2088157 hisG;hisD;hisC;hisB;hisH;hisA;hisF;hisI	hisG	2088216	59

TU-1275	FWD	2088186	2095261	7075 MU-789;MU-790	2088187 hisG;hisD;hisC;hisB;hisH;hisA;hisF;hisI	hisG	2088216	29
TU-1276	FWD	2088186	2095261	7075 MU-789;MU-790	2088197 hisG;hisD;hisC;hisB;hisH;hisA;hisF;hisI	hisG	2088216	19
TU-1277	FWD	2094636	2095261	625 MU-790	2094440 hisI	hisI	2094638	198
TU-1278	FWD	2094636	2095261	625 MU-790	2094579 hisI	hisI	2094638	59
TU-1279	FWD	2135916	2137541	1625 MU-791	2135887 yegH	yegH	2135926	39
TU-1280	FWD	2137591	2137691	100 MU-792	2137557 NT			
TU-1281	FWD	2141266	2144541	3275 MU-793	2141248 yegE	yegE	2141290	42
TU-1282	FWD	2141266	2144541	3275 MU-793	2141382 yegE	yegE	2141290	-92
TU-1283	FWD	2145716	2146991	1275 MU-794	2145873 yegD	yegD	2145698	-175
TU-1284	FWD	2149209	2149670	461 MU-795	yegJ	yegJ	2149209	
TU-1285	FWD	2151241	2151441	200 MU-796	2151335 ryeC	ryeC	2151333	-2
TU-1286	FWD	2151691	2151841	150 MU-797	2151670 ryeD	ryeD	2151668	-2
TU-1287	FWD	2152066	2163016	10950 MU-798;MU-799;MU-800	2152003 mdtA;mdtB;mdtC;mdtD;baeS;baeR	mdtA	2152040	37
TU-1288	FWD	2159266	2163016	3750 MU-799;MU-800	2159215 mdtD;baeS;baeR	mdtD	2159488	273
TU-1289	FWD	2159266	2163016	3750 MU-799;MU-800	2159276 mdtD;baeS;baeR	mdtD	2159488	212
TU-1290	FWD	2162291	2163016	725 MU-800	2162220 baeR	baeR	2162300	80
TU-1291	FWD	2163166	2163591	425 MU-801	2163156 yegP	yegP	2163213	57
TU-1292	FWD	2163616	2165041	1425 MU-802	2163618 yegQ	yegQ	2163692	74
TU-1293	FWD	2165116	2165166	50 MU-803	2165138 ryeE	ryeE	2165136	-2
TU-1294	FWD	2166741	2167591	850 MU-804	2166709 yegS	yegS	2166736	27
TU-1295	FWD	2168216	2169541	1325 MU-805	insE;insF	insE	2168251	
TU-1296	FWD	2176843	2180083	3240 MU-806	yegT;yegU;yegV	yegT	2176843	
TU-1297	FWD	2183966	2184591	625 MU-807	2183945 rcnA	rcnA	2183939	-6
TU-1298	FWD	2183966	2184591	625 MU-807	2183960 rcnA	rcnA	2183939	-21
TU-1299	FWD	2184916	2185266	350 MU-808	2184884 yohN	yohN	2184982	98
TU-1300	FWD	2184916	2185266	350 MU-808	2184935 yohN	yohN	2184982	47
TU-1301	FWD	2192291	2194341	2050 MU-809	2192291 metG	metG	2192322	31
TU-1302	FWD	2194496	2202311	7815 MU-810	yehH;yehI;yehK	yehH	2194496	
TU-1303	FWD	2202618	2209122	6504 MU-811	yehL;yehM;yehP;yehQ	yehL	2202618	
TU-1304	FWD	2209247	2209708	461 MU-812	yehR	yehR	2209247	
TU-1305	FWD	2212793	2213593	800 MU-813	2212711 mlrA	mlrA	2212888	177
TU-1306	FWD	2213693	2213868	175 MU-814	2213656 yohO	yohO	2213679	23
TU-1307	FWD	2216118	2216318	200 MU-815	2216103 NT			
TU-1308	FWD	2220143	2221968	1825 MU-816	2220176 dld	dld	2220207	31
TU-1309	FWD	2223818	2224443	625 MU-817	2223799 yohD	yohD	2223823	24
TU-1310	FWD	2226993	2227468	475 MU-818	2226980 NT			
TU-1311	FWD	2228543	2229443	900 MU-819	2228625 yohJ;yohK	yohJ	2228646	21
TU-1312	FWD	2229468	2230668	1200 MU-820	2229842 cdd	cdd	2229866	24
TU-1313	FWD	2230918	2231818	900 MU-821	2230872 sanA;yeiS	sanA	2230900	28
TU-1314	FWD	2232018	2234496	2478 MU-822	2232004 yeiT;yeiA	yeiT	2232055	51
TU-1315	FWD	2232018	2234496	2478 MU-822	2232009 yeiT;yeiA	yeiT	2232055	46
TU-1316	FWD	2241846	2242671	825 MU-823	2241903 yeiG	yeiG	2241932	29
TU-1317	FWD	2247971	2248446	475 MU-824	2247690 yeiH	yeiH	2247739	49
TU-1318	FWD	2248746	2250646	1900 MU-825	2248828 nfo;yeiI	nfo	2248862	34
TU-1319	FWD	2253377	2254036	659 MU-826	2253259 yeiL	yeiL	2253377	118
TU-1320	FWD	2261885	2263066	1181 MU-827	setB	setB	2261885	

TU-1321	FWD	2262871	2263371	500 MU-828	2262767 NT				
TU-1322	FWD	2263421	2264021	600 MU-829	2263437 yeiP	yeiP	2263472		35
TU-1323	FWD	2263421	2264021	600 MU-829	2263442 yeiP	yeiP	2263472		30
TU-1324	FWD	2263421	2264021	600 MU-829	2263448 yeiP	yeiP	2263472		24
TU-1325	FWD	2263421	2264021	600 MU-829	2263464 yeiP	yeiP	2263472		8
TU-1326	FWD	2264296	2265696	1400 MU-830	2264236 yeiQ	yeiQ	2264267		31
TU-1327	FWD	2265846	2267496	1650 MU-831	2265820 yeiR;lpdT	yeiR	2265851		31
TU-1328	FWD	2267846	2268596	750 MU-832	2267942 spr	spr	2268001		59
TU-1329	FWD	2267846	2268596	750 MU-832	2267949 spr	spr	2268001		52
TU-1330	FWD	2267846	2268596	750 MU-832	2267996 spr	spr	2268001		5
TU-1331	FWD	2268621	2270171	1550 MU-833	2268700 rtn	rtn	2268748		48
TU-1332	FWD	2270371	2275796	5425 MU-834;MU-835;MU-836	2270390 yejA;yejB;yejE;yejF	yejA	2270386		-4
TU-1333	FWD	2271946	2275796	3850 MU-835;MU-836	2271987 yejB;yejE;yejF	yejB	2272201		214
TU-1334	FWD	2273121	2275796	2675 MU-836	2273017 yejE;yejF	yejE	2273295		278
TU-1335	FWD	2273121	2275796	2675 MU-836	2273178 yejE;yejF	yejE	2273295		117
TU-1336	FWD	2276421	2277471	1050 MU-837	2276513 NT				
TU-1337	FWD	2278621	2280196	1575 MU-838	2278630 yejH	yejH	2278654		24
TU-1338	FWD	2280471	2280821	350 MU-839	2280402 rplY	rplY	2280539		137
TU-1339	FWD	2282022	2284122	2100 MU-840	2282124 yejL;yejM	yejL	2282151		27
TU-1340	FWD	2284197	2284297	100 MU-841	2284233 proL	proL	2284233		0
TU-1341	FWD	2288388	2289388	1000 MU-842	2288371 narP	narP	2288522		151
TU-1342	FWD	2288388	2289388	1000 MU-842	2288391 narP	narP	2288522		131
TU-1343	FWD	2288388	2289388	1000 MU-842	2288444 narP	narP	2288522		78
TU-1344	FWD	2301663	2301688	25 MU-843	2301615 yojO	yojO	2301628		13
TU-1345	FWD	2301863	2303063	1200 MU-844	2301894 eco	eco	2301927		33
TU-1346	FWD	2307050	2307150	100 MU-845	2307005 NT				
TU-1347	FWD	2311125	2311175	50 MU-846	2311106 micF	micF	2311106		0
TU-1348	FWD	2311500	2313875	2375 MU-847	2311474 rcsD	rcsD	2311510		36
TU-1349	FWD	2313900	2314925	1025 MU-848	2314084 rcsB	rcsB	2314199		115
TU-1350	FWD	2313900	2314925	1025 MU-848	2314140 rcsB	rcsB	2314199		59
TU-1351	FWD	2318075	2320425	2350 MU-849	2318037 atoS;atoC	atoS	2318065		28
TU-1352	FWD	2321469	2325315	3846 MU-850	atoD;atoA;atoE;atoB	atoD	2321469		
TU-1353	FWD	2337575	2338475	900 MU-851	2337562 ubiG	ubiG	2337589		27
TU-1354	FWD	2339250	2339425	175 MU-852	2339227 NT				
TU-1355	FWD	2342800	2346725	3925 MU-853;MU-854	2342780 nrdA;nrdB;yfaE	nrdA	2342887		107
TU-1356	FWD	2345275	2346725	1450 MU-854	2345374 nrdB;yfaE	nrdB	2345406		32
TU-1357	FWD	2347673	2347915	242 MU-855	yfaH	yfaH	2347673		
TU-1358	FWD	2348025	2348225	200 MU-856	2347962 NT				
TU-1359	FWD	2350728	2354178	3450 MU-857	2350615 glpA;glpB;glpC	glpA	2350669		54
TU-1360	FWD	2354926	2355825	899 MU-858	yfaD	yfaD	2354926		
TU-1361	FWD	2355604	2356154	550 MU-859	2355575 ypaA	ypaA	2355838		263
TU-1362	FWD	2362604	2362854	250 MU-860	2362549 nudI	nudI	2362576		27
TU-1363	FWD	2363879	2371279	7400 MU-861;MU-862;MU-863	2363738 arnB;arnC;arnA;arnD;arnT;arnE;arnF	arnB	2363950		212
TU-1364	FWD	2367379	2371279	3900 MU-862;MU-863	2367286 arnD;arnT;arnE;arnF	arnD	2368040		754
TU-1365	FWD	2367379	2371279	3900 MU-862;MU-863	2367400 arnD;arnT;arnE;arnF	arnD	2368040		640
TU-1366	FWD	2370254	2371279	1025 MU-863	2370154 arnE;arnF	arnE	2370579		425

TU-1367	FWD	2379629	2380504	875 MU-864	2379604 rbn	rbn	2379630	26
TU-1368	FWD	2379629	2380504	875 MU-864	2379610 rbn	rbn	2379630	20
TU-1369	FWD	2380735	2381946	1211 MU-865	elaD	elaD	2380735	
TU-1370	FWD	2383882	2385459	1577 MU-866	2383830 yfbL;yfbM	yfbL	2383882	52
TU-1371	FWD	2386630	2388005	1375 MU-867	2386595 yfbO;yfbP	yfbO	2386603	8
TU-1372	FWD	2405547	2407697	2150 MU-868;MU-869	2405531 yfbQ;yfbR	yfbQ	2405583	52
TU-1373	FWD	2406897	2407697	800 MU-869	2406858 yfbR	yfbR	2406884	26
TU-1374	FWD	2411297	2414872	3575 MU-870;MU-871	2411366 ackA;pta	ackA	2411492	126
TU-1375	FWD	2411297	2412697	1400 MU-870	2411459 ackA;pta	ackA	2411492	33
TU-1376	FWD	2412747	2414872	2125 MU-871	2412727 pta	pta	2412769	42
TU-1377	FWD	2415122	2416472	1350 MU-872	yfcC	yfcC	2415103	
TU-1378	FWD	2418647	2419222	575 MU-873	2418614 yfcG	yfcG	2418643	29
TU-1379	FWD	2419272	2420747	1475 MU-874;MU-875	2419323 folX;yfcH	folX	2419347	24
TU-1380	FWD	2419722	2420747	1025 MU-875	2419630 yfcH	yfcH	2419730	100
TU-1381	FWD	2435947	2437022	1075 MU-876	2435951 flk	flk	2435972	21
TU-1382	FWD	2439797	2441822	2025 MU-877	2439761 mnmC	mnmC	2439786	25
TU-1383	FWD	2446498	2447298	800 MU-878	2446603 yfcN	yfcN	2446628	25
TU-1384	FWD	2459250	2460625	1375 MU-879	2459227 fadL	fadL	2459328	101
TU-1385	FWD	2461034	2462092	1058 MU-880	yfdF	yfdF	2461034	
TU-1386	FWD	2463328	2464228	900 MU-881	2463296 yfdC	yfdC	2463323	27
TU-1387	FWD	2464353	2464428	75 MU-882	2464331 argW	argW	2464331	0
TU-1388	FWD	2464578	2465778	1200 MU-883	2464537 intS	intS	2464567	30
TU-1389	FWD	2464578	2465778	1200 MU-883	2464558 intS	intS	2464567	9
TU-1390	FWD	2465878	2468403	2525 MU-884;MU-885	2465852 yfdG;yfdH;yfdI	yfdG	2465877	25
TU-1391	FWD	2465878	2468403	2525 MU-884;MU-885	2465858 yfdG;yfdH;yfdI	yfdG	2465877	19
TU-1392	FWD	2466953	2468403	1450 MU-885	2467044 yfdI	yfdI	2467153	109
TU-1393	FWD	2466953	2468403	1450 MU-885	2467055 yfdI	yfdI	2467153	98
TU-1394	FWD	2468778	2469228	450 MU-886	2468770 tfaS	tfaS	2468837	67
TU-1395	FWD	2471626	2474253	2627 MU-887	yfdP;yfdQ;yfdR;yfdS;yfdT;ypdJ	yfdP	2471626	
TU-1396	FWD	2474278	2474553	275 MU-888	torI	torI	2474332	
TU-1397	FWD	2474606	2474620	14 MU-889	pawZ	pawZ	2474606	
TU-1398	FWD	2475869	2478128	2259 MU-890;MU-891	dsdX;dsdA	dsdX	2475869	
TU-1399	FWD	2477078	2478128	1050 MU-891	2477127 dsdA	dsdA	2477224	97
TU-1400	FWD	2477078	2478128	1050 MU-891	2477132 dsdA	dsdA	2477224	92
TU-1401	FWD	2481679	2483754	2075 MU-892	2481652 evgA;evgS	evgA	2481777	125
TU-1402	FWD	2481679	2483754	2075 MU-892	2481663 evgA;evgS	evgA	2481777	114
TU-1403	FWD	2484079	2485704	1625 MU-893	2483950 NT			
TU-1404	FWD	2492720	2492995	275 MU-894	ypdI	ypdI	2492720	
TU-1405	FWD	2493529	2493779	250 MU-895	2493621 lpxP	lpxP	2493667	46
TU-1406	FWD	2494829	2495004	175 MU-896	2494819 NT			
TU-1407	FWD	2497029	2499129	2100 MU-897	2496668 ypdA;ypdB	ypdA	2496693	25
TU-1408	FWD	2499204	2499879	675 MU-898	2499128 ypdC	ypdC	2499152	24
TU-1409	FWD	2507529	2508879	1350 MU-899	2507477 yfeO	yfeO	2507652	175
TU-1410	FWD	2508954	2509404	450 MU-900	2508983 ypeC	ypeC	2509023	40
TU-1411	FWD	2510829	2512379	1550 MU-901	2510904 nupC	nupC	2511064	160
TU-1412	FWD	2510829	2512379	1550 MU-901	2511000 nupC	nupC	2511064	64

TU-1413	FWD	2510829	2512379	1550 MU-901	2511032 nupC	nupC	2511064	32
TU-1414	FWD	2512404	2513604	1200 MU-902	2512273 insL	insL	2512353	80
TU-1415	FWD	2516479	2517204	725 MU-903	2516429 yfeC;yfeD	yfeC	2516489	60
TU-1416	FWD	2516479	2517204	725 MU-903	2516468 yfeC;yfeD	yfeC	2516489	21
TU-1417	FWD	2518929	2519504	575 MU-904	2518953 valU;valX;valY;lysV	valU	2518953	0
TU-1418	FWD	2523180	2523881	701 MU-905	2523196 yfeN	yfeN	2523149	-47
TU-1419	FWD	2524956	2526106	1150 MU-906	2524948 yfeH	yfeH	2524968	20
TU-1420	FWD	2529481	2530131	650 MU-907	2529446 cysZ	cysZ	2529485	39
TU-1421	FWD	2530381	2531581	1200 MU-908	2530399 cysK	cysK	2530431	32
TU-1422	FWD	2530381	2531581	1200 MU-908	2530408 cysK	cysK	2530431	23
TU-1423	FWD	2530381	2531581	1200 MU-908	2530418 cysK	cysK	2530431	13
TU-1424	FWD	2531606	2534381	2775 MU-909;MU-910	2531523 ptsH;ptsI;crr	ptsH	2531786	263
TU-1425	FWD	2531606	2534381	2775 MU-909;MU-910	2531529 ptsH;ptsI;crr	ptsH	2531786	257
TU-1426	FWD	2531606	2534381	2775 MU-909;MU-910	2531614 ptsH;ptsI;crr	ptsH	2531786	172
TU-1427	FWD	2531606	2534381	2775 MU-909;MU-910	2531617 ptsH;ptsI;crr	ptsH	2531786	169
TU-1428	FWD	2531606	2534381	2775 MU-909;MU-910	2531710 ptsH;ptsI;crr	ptsH	2531786	76
TU-1429	FWD	2531606	2534381	2775 MU-909;MU-910	2531713 ptsH;ptsI;crr	ptsH	2531786	73
TU-1430	FWD	2531606	2534381	2775 MU-909;MU-910	2531754 ptsH;ptsI;crr	ptsH	2531786	32
TU-1431	FWD	2531606	2534381	2775 MU-909;MU-910	2531757 ptsH;ptsI;crr	ptsH	2531786	29
TU-1432	FWD	2531606	2534381	2775 MU-909;MU-910	2531761 ptsH;ptsI;crr	ptsH	2531786	25
TU-1433	FWD	2533606	2534381	775 MU-910	2533502 crr	crr	2533856	354
TU-1434	FWD	2533606	2534381	775 MU-910	2533632 crr	crr	2533856	224
TU-1435	FWD	2533606	2534381	775 MU-910	2533789 crr	crr	2533856	67
TU-1436	FWD	2533606	2534381	775 MU-910	2533815 crr	crr	2533856	41
TU-1437	FWD	2533606	2534381	775 MU-910	2533834 crr	crr	2533856	22
TU-1438	FWD	2535431	2535756	325 MU-911	2535337 yfeK	yfeK	2535364	27
TU-1439	FWD	2535856	2536656	800 MU-912	2535779 yfeS	yfeS	2535771	-8
TU-1440	FWD	2541735	2541785	50 MU-913	NT			
TU-1441	FWD	2543810	2545910	2100 MU-914	2543753 murQ;murP	murQ	2543795	42
TU-1442	FWD	2543810	2545910	2100 MU-914	2543763 murQ;murP	murQ	2543795	32
TU-1443	FWD	2546510	2547560	1050 MU-915	2546310 yfeW	yfeW	2546124	-186
TU-1444	FWD	2550310	2552110	1800 MU-916	2550264 amiA;hemF	amiA	2550374	110
TU-1445	FWD	2550310	2552110	1800 MU-916	2550301 amiA;hemF	amiA	2550374	73
TU-1446	FWD	2555360	2555960	600 MU-917	2555334 NT			
TU-1447	FWD	2556810	2558085	1275 MU-918	2556798 intZ	intZ	2556880	82
TU-1448	FWD	2558385	2558860	475 MU-919	2558357 yffL	yffL	2558279	-78
TU-1449	FWD	2558385	2558860	475 MU-919	2558413 yffL	yffL	2558279	-134
TU-1450	FWD	2559390	2560015	625 MU-920	yffM;yffN	yffM	2559390	
TU-1451	FWD	2560136	2561136	1000 MU-921	2560064 yffO;yffP	yffO	2560133	69
TU-1452	FWD	2561586	2561786	200 MU-922	2561495 yffQ	yffQ	2561614	119
TU-1453	FWD	2561936	2562461	525 MU-923	2561969 yffR	yffR	2562002	33
TU-1454	FWD	2561936	2562461	525 MU-923	2561982 yffR	yffR	2562002	20
TU-1455	FWD	2562561	2563311	750 MU-924	2562517 yffS	yffS	2562545	28
TU-1456	FWD	2570187	2570462	275 MU-925	NT			
TU-1457	FWD	2576637	2579762	3125 MU-926	2576628 talA;tktB	talA	2576688	60
TU-1458	FWD	2576637	2579762	3125 MU-926	2576664 talA;tktB	talA	2576688	24

TU-1459	FWD	2583613	2585113	1500 MU-927	2583542 narQ	narQ	2583753	211
TU-1460	FWD	2583613	2585113	1500 MU-927	2583590 narQ	narQ	2583753	163
TU-1461	FWD	2585563	2587788	2225 MU-928	2585611 acrD	acrD	2585617	6
TU-1462	FWD	2589188	2591263	2075 MU-929;MU-930;MU-931	2589198 yffB;dapE;ypfN	yffB	2589269	71
TU-1463	FWD	2589438	2591263	1825 MU-930;MU-931	2589582 dapE;ypfN	dapE	2589629	47
TU-1464	FWD	2590713	2591263	550 MU-931	2590733 ypfN	ypfN	2590784	51
TU-1465	FWD	2594813	2594988	175 MU-932	2594784 NT			
TU-1466	FWD	2597863	2598963	1100 MU-933;MU-934	2597901 gcvR;bcp	gcvR	2597928	27
TU-1467	FWD	2598438	2598963	525 MU-934	2598431 bcp	bcp	2598500	69
TU-1468	FWD	2598438	2598963	525 MU-934	2598450 bcp	bcp	2598500	50
TU-1469	FWD	2598438	2598963	525 MU-934	2598459 bcp	bcp	2598500	41
TU-1470	FWD	2598438	2598963	525 MU-934	2598466 bcp	bcp	2598500	34
TU-1471	FWD	2599223	2612804	13581 MU-935	hyfA;hyfB;hyfC;hyfD;hyfE;hyfF;hyfG;hyfH;hyfI;hyfJ;hyfR;focB	hyfA	2599223	
TU-1472	FWD	2614040	2616065	2025 MU-936	2614048 yfgC;yfgD	yfgC	2614116	68
TU-1473	FWD	2614040	2616065	2025 MU-936	2614090 yfgC;yfgD	yfgC	2614116	26
TU-1474	FWD	2619191	2620891	1700 MU-937	2619175 purM;purN	purM	2619219	44
TU-1475	FWD	2620966	2624653	3687 MU-938	2620970 ppk;ppx	ppk	2621066	96
TU-1476	FWD	2620966	2624653	3687 MU-938	2620980 ppk;ppx	ppk	2621066	86
TU-1477	FWD	2626078	2626153	75 MU-939	2626040 NT			
TU-1478	FWD	2627303	2627503	200 MU-940	2627274 yfgG	yfgG	2627312	38
TU-1479	FWD	2627878	2628853	975 MU-941	2627785 yfgH;yfgI	yfgH	2627814	29
TU-1480	FWD	2632253	2633753	1500 MU-942	2632219 xseA	xseA	2632254	35
TU-1481	FWD	2650430	2651355	925 MU-943	2650491 sseA	sseA	2650516	25
TU-1482	FWD	2651537	2651745	208 MU-944	IS128	IS128	2651537	
TU-1483	FWD	2651899	2652149	250 MU-945	2651867 ryfA	ryfA	2651877	10
TU-1484	FWD	2661452	2662202	750 MU-946	2661428 suhB	suhB	2661464	36
TU-1485	FWD	2661452	2662202	750 MU-946	2661437 suhB	suhB	2661464	27
TU-1486	FWD	2662385	2663266	881 MU-947	yfhR	yfhR	2662385	
TU-1487	FWD	2663452	2664952	1500 MU-948	2663423 csiE	csiE	2663457	34
TU-1488	FWD	2666202	2666327	125 MU-949	2666220 NT			
TU-1489	FWD	2667227	2671777	4550 MU-950;MU-951	2667041 hcaE;hcaF;hcaC;hcaB;hcaD;yphA	hcaE	2667054	13
TU-1490	FWD	2671302	2671777	475 MU-951	2671343 yphA	yphA	2671368	25
TU-1491	FWD	2680827	2682077	1250 MU-952	2680827 yphH	yphH	2680885	58
TU-1492	FWD	2682152	2682252	100 MU-953	2682044 NT			
TU-1493	FWD	2683852	2685052	1200 MU-954	2683819 hmp	hmp	2683857	38
TU-1494	FWD	2683852	2685052	1200 MU-954	2683831 hmp	hmp	2683857	26
TU-1495	FWD	2693777	2694952	1175 MU-955	2693782 yfhD	yfhD	2693823	41
TU-1496	FWD	2696727	2698002	1275 MU-956;MU-957	2696762 yfhH;yfhL	yfhH	2696781	19
TU-1497	FWD	2697652	2698002	350 MU-957	2697658 yfhL	yfhL	2697685	27
TU-1498	FWD	2697652	2698002	350 MU-957	2697678 yfhL	yfhL	2697685	7
TU-1499	FWD	2698542	2698618	76 MU-958	ryfC	ryfC	2698542	
TU-1500	FWD	2708439	2710114	1675 MU-959	2708414 nadB	nadB	2708442	28
TU-1501	FWD	2710789	2712414	1625 MU-960	2710900 srmB	srmB	2710918	18
TU-1502	FWD	2713445	2714032	587 MU-961	eamB	eamB	2713445	
TU-1503	FWD	2714764	2715564	800 MU-962	2714752 ung	ung	2714776	24

TU-1504	FWD	2716714	2717164	450 MU-963	2716697 trxC	trxC	2716757	60
TU-1505	FWD	2717264	2720264	3000 MU-964	2717227 yfiP;yfiQ	yfiP	2717245	18
TU-1506	FWD	2720314	2722089	1775 MU-965;MU-966	2720309 pssA	pssA	2720749	440
TU-1507	FWD	2720664	2722089	1425 MU-966	2720643 pssA	pssA	2720749	106
TU-1508	FWD	2720664	2722089	1425 MU-966	2720648 pssA	pssA	2720749	101
TU-1509	FWD	2720664	2722089	1425 MU-966	2720691 pssA	pssA	2720749	58
TU-1510	FWD	2722150	2722473	323 MU-967	yfiM	yfiM	2722150	
TU-1511	FWD	2723890	2724040	150 MU-968	2723856 NT			
TU-1512	FWD	2733994	2734894	900 MU-969	2733982 bamD	bamD	2734168	186
TU-1513	FWD	2733994	2734894	900 MU-969	2734095 bamD	bamD	2734168	73
TU-1514	FWD	2733994	2734894	900 MU-969	2734107 bamD	bamD	2734168	61
TU-1515	FWD	2733994	2734894	900 MU-969	2734135 bamD	bamD	2734168	33
TU-1516	FWD	2735144	2735569	425 MU-970	2735146 raiA	raiA	2735176	30
TU-1517	FWD	2735144	2735569	425 MU-970	2735152 raiA	raiA	2735176	24
TU-1518	FWD	2735619	2736819	1200 MU-971	2735602 pheL;pheA	pheL	2735621	19
TU-1519	FWD	2739394	2739744	350 MU-972	2739371 yfiL	yfiL	2739382	11
TU-1520	FWD	2739869	2742119	2250 MU-973	2739846 yfiR;yfiN;yfiB	yfiR	2739897	51
TU-1521	FWD	2745970	2747970	2000 MU-974	2745953 ypjD;yfjD	ypjD	2745984	31
TU-1522	FWD	2748745	2749645	900 MU-975	2748759 nadK	nadK	2748853	94
TU-1523	FWD	2748745	2749645	900 MU-975	2748788 nadK	nadK	2748853	65
TU-1524	FWD	2749820	2751470	1650 MU-976	2749782 recN	recN	2749817	35
TU-1525	FWD	2749820	2751470	1650 MU-976	2749795 recN	recN	2749817	22
TU-1526	FWD	2751520	2751970	450 MU-977	2751510 smpA	smpA	2751627	117
TU-1527	FWD	2751520	2751970	450 MU-977	2751542 smpA	smpA	2751627	85
TU-1528	FWD	2751520	2751970	450 MU-977	2751577 smpA	smpA	2751627	50
TU-1529	FWD	2751520	2751970	450 MU-977	2751616 smpA	smpA	2751627	11
TU-1530	FWD	2752820	2753495	675 MU-978	2752854 smpB	smpB	2752918	64
TU-1531	FWD	2752820	2753495	675 MU-978	2752896 smpB	smpB	2752918	22
TU-1532	FWD	2753620	2754020	400 MU-979	2753615 ssrA	ssrA	2753615	0
TU-1533	FWD	2754170	2755370	1200 MU-980	2754155 intA	intA	2754181	26
TU-1534	FWD	2754170	2755370	1200 MU-980	2754190 intA	intA	2754181	-9
TU-1535	FWD	2755920	2756070	150 MU-981	NT			
TU-1536	FWD	2756666	2756878	212 MU-982	2756635 alpA	alpA	2756666	31
TU-1537	FWD	2757007	2759195	2188 MU-983	yfjI;yfjJ	yfjI	2757007	
TU-1538	FWD	2763411	2763811	400 MU-984	2763238 NT			
TU-1539	FWD	2763936	2764486	550 MU-985	2763916 rnlA	rnlA	2763940	24
TU-1540	FWD	2763936	2764486	550 MU-985	2763922 rnlA	rnlA	2763940	18
TU-1541	FWD	2764511	2765461	950 MU-986	2764659 yfjO	yfjO	2765006	347
TU-1542	FWD	2764511	2765461	950 MU-986	2764729 yfjO	yfjO	2765006	277
TU-1543	FWD	2766092	2766592	500 MU-987	yfjP;yfjQ	yfjP	2765732	
TU-1544	FWD	2767725	2769637	1912 MU-988	yfjR;ypjK;yfjS;yfjT	yfjR	2767725	
TU-1545	FWD	2769842	2770167	325 MU-989	2769830 NT			
TU-1546	FWD	2771242	2772842	1600 MU-990	2771308 yfjW	yfjW	2771340	32
TU-1547	FWD	2773417	2773492	75 MU-991	2773413 NT			
TU-1548	FWD	2773567	2775804	2237 MU-992	ypjI;yfjX;yfjY;ypjJ;yfjZ;ypjF	ypjI	2773567	
TU-1549	FWD	2775792	2776043	251 MU-993	2775809 psaA	psaA	2775994	185

TU-1550	FWD	2776893	2776993	100 MU-994	2776786 NT			
TU-1551	FWD	2784419	2786671	2252 MU-995	ygaQ	ygaQ	2784419	
TU-1552	FWD	2786976	2794352	7376 MU-996;MU-997;MU-998	2786949 csiD;ygaF;gabD;gabT;gabP;csiR	csiD	2787007	58
TU-1553	FWD	2788851	2794352	5501 MU-997;MU-998	2788933 gabD;gabT;gabP;csiR	gabD	2789295	362
TU-1554	FWD	2788851	2794352	5501 MU-997;MU-998	2788948 gabD;gabT;gabP;csiR	gabD	2789295	347
TU-1555	FWD	2793702	2794352	650 MU-998	2793646 csiR	csiR	2793696	50
TU-1556	FWD	2795252	2796027	775 MU-999	2795209 ygaV;ygaP	ygaV	2795233	24
TU-1557	FWD	2795252	2796027	775 MU-999	2795219 ygaV;ygaP	ygaV	2795233	14
TU-1558	FWD	2797127	2797902	775 MU-1000	2797144 ygaW	ygaW	2797186	42
TU-1559	FWD	2798177	2798502	325 MU-1001	2798143 ygaM	ygaM	2798156	13
TU-1560	FWD	2798177	2798502	325 MU-1001	2798150 ygaM	ygaM	2798156	6
TU-1561	FWD	2798702	2802478	3776 MU-1002	2798678 nrdH;nrdI;nrdE;nrdF	nrdH	2798745	67
TU-1562	FWD	2802828	2806028	3200 MU-1003	2802587 proV;proW;proX	proV	2802837	250
TU-1563	FWD	2802828	2806028	3200 MU-1003	2802771 proV;proW;proX	proV	2802837	66
TU-1564	FWD	2802828	2806028	3200 MU-1003	2802782 proV;proW;proX	proV	2802837	55
TU-1565	FWD	2806338	2807515	1177 MU-1004	ygaY	ygaY	2806338	
TU-1566	FWD	2807628	2808828	1200 MU-1005	2807591 ygaZ;ygaH	ygaZ	2807639	48
TU-1567	FWD	2807628	2808828	1200 MU-1005	2807602 ygaZ;ygaH	ygaZ	2807639	37
TU-1568	FWD	2807628	2808828	1200 MU-1005	2807710 ygaZ;ygaH	ygaZ	2807639	-71
TU-1569	FWD	2808853	2810103	1250 MU-1006	2808717 mprA	mprA	2808792	75
TU-1570	FWD	2808853	2810103	1250 MU-1006	2808741 mprA	mprA	2808792	51
TU-1571	FWD	2808853	2810103	1250 MU-1006	2808755 mprA	mprA	2808792	37
TU-1572	FWD	2808853	2810103	1250 MU-1006	2808768 mprA	mprA	2808792	24
TU-1573	FWD	2810128	2812178	2050 MU-1007	2809360 emrA;emrB	emrA	2809449	89
TU-1574	FWD	2812831	2812856	25 MU-1008	2812824 micA	micA	2812824	0
TU-1575	FWD	2823906	2826281	2375 MU-1009	2823750 srlA;srlE;srlB;srlD	srlA	2823854	104
TU-1576	FWD	2823906	2826281	2375 MU-1009	2823813 srlA;srlE;srlB;srlD	srlA	2823854	41
TU-1577	FWD	2826643	2827002	359 MU-1010	gutM	gutM	2826643	
TU-1578	FWD	2826981	2828756	1775 MU-1011;MU-1012	2826984 srlR;gutQ	srlR	2827069	85
TU-1579	FWD	2827781	2828756	975 MU-1012	2827732 gutQ	gutQ	2827835	103
TU-1580	FWD	2830756	2831056	300 MU-1013	2830462 norV;norW;C0664	norV	2830498	36
TU-1581	FWD	2835331	2835456	125 MU-1014	2835275 NT			
TU-1582	FWD	2837481	2840481	3000 MU-1015	2837449 ascF;ascB	ascF	2837546	97
TU-1583	FWD	2848706	2854256	5550 MU-1016;MU-1017;MU-1018	2848861 hypA;hypB;hypC;hypD;hypE;fhIA	hypA	2848669	-192
TU-1584	FWD	2850706	2854256	3550 MU-1017;MU-1018	2850757 hypE;fhIA	hypE	2851318	561
TU-1585	FWD	2852331	2854256	1925 MU-1018	2852316 fhIA	fhIA	2852360	44
TU-1586	FWD	2852331	2854256	1925 MU-1018	2852323 fhIA	fhIA	2852360	37
TU-1587	FWD	2855081	2857731	2650 MU-1019	2855046 mutS	mutS	2855115	69
TU-1588	FWD	2855081	2857731	2650 MU-1019	2855085 mutS	mutS	2855115	30
TU-1589	FWD	2855081	2857731	2650 MU-1019	2855105 mutS	mutS	2855115	10
TU-1590	FWD	2855081	2857731	2650 MU-1019	2855132 mutS	mutS	2855115	-17
TU-1591	FWD	2857782	2858438	656 MU-1020	pphB	pphB	2857782	
TU-1592	FWD	2859457	2864407	4950 MU-1021	2859414 ygbJ;ygbK;ygbL;ygbM;ygbN	ygbJ	2859452	38
TU-1593	FWD	2865857	2865932	75 MU-1022	2865777 NT			
TU-1594	FWD	2874607	2875632	1025 MU-1023	2874569 iap	iap	2874603	34
TU-1595	FWD	2890253	2892703	2450 MU-1024	2890212 sscR;ygcN;ygcO;ygcP	sscR	2890236	24

TU-1596	FWD	2898614	2901396	2782 MU-1025	yqcE;ygcE	yqcE	2898614	
TU-1597	FWD	2901938	2902488	550 MU-1026	2902008 NT			
TU-1598	FWD	2903733	2904605	872 MU-1027	ygcG	ygcG	2903733	
TU-1599	FWD	2912813	2915838	3025 MU-1028	2912910 barA	barA	2913079	169
TU-1600	FWD	2923363	2924213	850 MU-1029	2923341 queF	queF	2923370	29
TU-1601	FWD	2924263	2925688	1425 MU-1030	2924294 ygdH	ygdH	2924330	36
TU-1602	FWD	2926165	2929815	3650 MU-1031	2926172 sdaC;sdaB;ygdG	sdaC	2926251	79
TU-1603	FWD	2926165	2929815	3650 MU-1031	2926178 sdaC;sdaB;ygdG	sdaC	2926251	73
TU-1604	FWD	2926165	2929815	3650 MU-1031	2926223 sdaC;sdaB;ygdG	sdaC	2926251	28
TU-1605	FWD	2932257	2936908	4651 MU-1032	fucP;fucI;fucK	fucP	2932257	
TU-1606	FWD	2936515	2938123	1608 MU-1033	2936466 fucU;fucR	fucU	2936910	444
TU-1607	FWD	2936515	2938123	1608 MU-1033	2936671 fucU;fucR	fucU	2936910	239
TU-1608	FWD	2940748	2940848	100 MU-1034	2940718 gcvB	gcvB	2940718	0
TU-1609	FWD	2941348	2942998	1650 MU-1035;MU-1036	2941341 csdA;csdE	csdA	2941359	18
TU-1610	FWD	2942373	2942998	625 MU-1036	2942505 csdE	csdE	2942564	59
TU-1611	FWD	2943923	2944023	100 MU-1037	NT			
TU-1612	FWD	2945423	2945498	75 MU-1038	2945409 metZ;metW;metV	metZ	2945409	0
TU-1613	FWD	2947223	2949273	2050 MU-1039	2947233 argA	argA	2947264	31
TU-1614	FWD	2947223	2949273	2050 MU-1039	2947241 argA	argA	2947264	23
TU-1615	FWD	2967600	2968275	675 MU-1040	2967638 mutH	mutH	2967684	46
TU-1616	FWD	2968450	2968925	475 MU-1041	2968416 ygdQ	ygdQ	2968442	26
TU-1617	FWD	2969300	2969500	200 MU-1042	2969260 ygdR	ygdR	2969293	33
TU-1618	FWD	2969300	2969500	200 MU-1042	2969272 ygdR	ygdR	2969293	21
TU-1619	FWD	2969575	2970778	1203 MU-1043	2969587 tas	tas	2969619	32
TU-1620	FWD	2974578	2975778	1200 MU-1044	2974591 galR	galR	2974621	30
TU-1621	FWD	2977028	2977903	875 MU-1045	2976932 lysR	lysR	2977043	111
TU-1622	FWD	2980503	2980778	275 MU-1046	2980467 NT			
TU-1623	FWD	2981553	2981853	300 MU-1047	NT			
TU-1624	FWD	2983869	2985098	1229 MU-1048	2983673 yqeG	yqeG	2983869	196
TU-1625	FWD	2985558	2986190	632 MU-1049	2985533 yqeH	yqeH	2985558	25
TU-1626	FWD	2986524	2987808	1284 MU-1050	yqeI;yqeJ	yqeI	2986524	
TU-1627	FWD	2988576	2989065	489 MU-1051	2988440 ygeF	ygeF	2988576	136
TU-1628	FWD	2989290	2989781	491 MU-1052	ygeG	ygeG	2989290	
TU-1629	FWD	2990116	2991492	1376 MU-1053	2990004 ygeH	ygeH	2990116	112
TU-1630	FWD	2991660	2991878	218 MU-1054	2991615 ygeI	ygeI	2991660	45
TU-1631	FWD	2991961	2992463	502 MU-1055	pbl	pbl	2991961	
TU-1632	FWD	2994300	2994625	325 MU-1056	NT			
TU-1633	FWD	2998425	3002100	3675 MU-1057	2998296 xdhA;xdhB;xdhC	xdhA	2998367	71
TU-1634	FWD	3005554	3010179	4625 MU-1058	ygeW;ygeX;ygeY;hyuA;yqeA	ygeW	3004284	
TU-1635	FWD	3013129	3013954	825 MU-1059	3013125 ygfJ	ygfJ	3013182	57
TU-1636	FWD	3016154	3021804	5650 MU-1060	ygfK;ssnA;ygfM;xdhD	ygfK	3014082	
TU-1637	FWD	3022373	3023773	1400 MU-1061	ygfO	ygfO	3022373	
TU-1638	FWD	3023729	3026502	2773 MU-1062	3023691 guaD;ygfQ	guaD	3023788	97
TU-1639	FWD	3029389	3030837	1448 MU-1063	ygfU	ygfU	3029389	
TU-1640	FWD	3031077	3031727	650 MU-1064	3031063 idi	idi	3031087	24
TU-1641	FWD	3031077	3031727	650 MU-1064	3031071 idi	idi	3031087	16

TU-1642	FWD	3037877	3038377	500 MU-1065	3037844 fldB	fldB	3037877	33
TU-1643	FWD	3039327	3040677	1350 MU-1066	3039304 ygfZ	ygfZ	3039335	31
TU-1644	FWD	3041627	3043177	1550 MU-1067	3041661 bglA	bglA	3041684	23
TU-1645	FWD	3041627	3043177	1550 MU-1067	3041716 bglA	bglA	3041684	-32
TU-1646	FWD	3053527	3053777	250 MU-1068	3053511 zapA	zapA	3053634	123
TU-1647	FWD	3053802	3054627	825 MU-1069	3053781 ssrS;ygfA	ssrS	3054005	224
TU-1648	FWD	3053802	3054627	825 MU-1069	3053790 ssrS;ygfA	ssrS	3054005	215
TU-1649	FWD	3053802	3054627	825 MU-1069	3053880 ssrS;ygfA	ssrS	3054005	125
TU-1650	FWD	3053802	3054627	825 MU-1069	3053996 ssrS;ygfA	ssrS	3054005	9
TU-1651	FWD	3054902	3055152	250 MU-1070	3054873 rygC	rygC	3054871	-2
TU-1652	FWD	3057777	3058503	726 MU-1071	3057743 argP	argP	3057775	32
TU-1653	FWD	3057777	3058503	726 MU-1071	3057751 argP	argP	3057775	24
TU-1654	FWD	3058872	3064302	5430 MU-1072	scpA;argK;scpB;scpC	scpA	3058872	
TU-1655	FWD	3065058	3065533	475 MU-1073	3065229 NT			
TU-1656	FWD	3079721	3080771	1050 MU-1074	3079905 yggG	yggG	3079935	30
TU-1657	FWD	3084209	3084424	215 MU-1075	yqqC	yqqC	3084209	
TU-1658	FWD	3084624	3085874	1250 MU-1076	3084589 metK	metK	3084728	139
TU-1659	FWD	3084624	3085874	1250 MU-1076	3084613 metK	metK	3084728	115
TU-1660	FWD	3084624	3085874	1250 MU-1076	3084691 metK	metK	3084728	37
TU-1661	FWD	3084624	3085874	1250 MU-1076	3084705 metK	metK	3084728	23
TU-1662	FWD	3084624	3085874	1250 MU-1076	3084711 metK	metK	3084728	17
TU-1663	FWD	3086249	3088974	2725 MU-1077	3086277 galP;yggI;endA	galP	3086306	29
TU-1664	FWD	3089124	3091049	1925 MU-1078	3089091 rsmE;gshB	rsmE	3089156	65
TU-1665	FWD	3089124	3091049	1925 MU-1078	3089097 rsmE;gshB	rsmE	3089156	59
TU-1666	FWD	3091074	3092024	950 MU-1079	3090922 yqqE;yqqF	yqqE	3090959	37
TU-1667	FWD	3091074	3092024	950 MU-1079	3090929 yqqE;yqqF	yqqE	3090959	30
TU-1668	FWD	3093124	3096449	3325 MU-1080;MU-1081	3093082 yggS;yggT;yggU;rdgB;yggW	yggS	3093120	38
TU-1669	FWD	3094624	3096449	1825 MU-1081	3094639 rdgB;yggW	rdgB	3094703	64
TU-1670	FWD	3094624	3096449	1825 MU-1081	3094645 rdgB;yggW	rdgB	3094703	58
TU-1671	FWD	3096574	3096599	25 MU-1082	3096582 NT			
TU-1672	FWD	3098699	3098874	175 MU-1083	NT			
TU-1673	FWD	3101024	3102049	1025 MU-1084	3101011 mutY	mutY	3101035	24
TU-1674	FWD	3101024	3102049	1025 MU-1084	3101024 mutY	mutY	3101035	11
TU-1675	FWD	3102074	3103524	1450 MU-1085	3102014 yggX;mltC	yggX	3102115	101
TU-1676	FWD	3102074	3103524	1450 MU-1085	3102064 yggX;mltC	yggX	3102115	51
TU-1677	FWD	3103699	3104624	925 MU-1086	3103673 nupG	nupG	3103736	63
TU-1678	FWD	3107238	3108288	1050 MU-1087	3107546 yqqA	yqqA	3107575	29
TU-1679	FWD	3108413	3108463	50 MU-1088	3108436 pheV	pheV	3108388	-48
TU-1680	FWD	3109263	3109588	325 MU-1089	3109328 NT			
TU-1681	FWD	3119263	3119613	350 MU-1090	3119402 C0719	C0719	3119380	-22
TU-1682	FWD	3126238	3127213	975 MU-1091	3126227 glcC	glcC	3126294	67
TU-1683	FWD	3128163	3129238	1075 MU-1092	3128104 insH	insH	3128200	96
TU-1684	FWD	3132153	3132845	692 MU-1093	yghT	yghT	3132153	
TU-1685	FWD	3136738	3137738	1000 MU-1094	3136722 yghU	yghU	3136749	27
TU-1686	FWD	3145913	3147038	1125 MU-1095	3145884 yghZ	yghZ	3145919	35
TU-1687	FWD	3147688	3148563	875 MU-1096	3147658 yghA	yghA	3147684	26

TU-1688	FWD	3150188	3151463	1275 MU-1097	3150232 metC	metC	3150258	26
TU-1689	FWD	3151488	3152213	725 MU-1098	3151551 yghB	yghB	3151585	34
TU-1690	FWD	3153322	3155522	2200 MU-1099;MU-1100	3153325 yqhD;dkgA	yqhD	3153377	52
TU-1691	FWD	3153322	3155522	2200 MU-1099;MU-1100	3153352 yqhD;dkgA	yqhD	3153377	25
TU-1692	FWD	3154647	3155522	875 MU-1100	3154594 dkgA	dkgA	3154645	51
TU-1693	FWD	3155672	3156906	1234 MU-1101	yqhG;yqhH	yqhG	3155672	
TU-1694	FWD	3167824	3169824	2000 MU-1102	3167822 qseB;qseC	qseB	3167850	28
TU-1695	FWD	3170552	3171152	600 MU-1103	3170526 mdaB	mdaB	3170552	26
TU-1696	FWD	3171177	3171527	350 MU-1104	3171143 ygiN	ygiN	3171164	21
TU-1697	FWD	3175102	3175277	175 MU-1105	3175035 NT			
TU-1698	FWD	3175902	3177702	1800 MU-1106	3175888 tolC	tolC	3176137	249
TU-1699	FWD	3175902	3177702	1800 MU-1106	3176023 tolC	tolC	3176137	114
TU-1700	FWD	3175902	3177702	1800 MU-1106	3176097 tolC	tolC	3176137	40
TU-1701	FWD	3177752	3179652	1900 MU-1107;MU-1108	3177739 ygiB;ygiC	ygiB	3177766	27
TU-1702	FWD	3178877	3179652	775 MU-1108	3178779 ygiC	ygiC	3178443	-336
TU-1703	FWD	3178877	3179652	775 MU-1108	3178893 ygiC	ygiC	3178443	-450
TU-1704	FWD	3178877	3179652	775 MU-1108	3178902 ygiC	ygiC	3178443	-459
TU-1705	FWD	3180477	3181327	850 MU-1109	3180445 zupT	zupT	3180572	127
TU-1706	FWD	3180477	3181327	850 MU-1109	3180472 zupT	zupT	3180572	100
TU-1707	FWD	3182852	3183127	275 MU-1110	3182820 yqiC	yqiC	3182862	42
TU-1708	FWD	3182852	3183127	275 MU-1110	3182835 yqiC	yqiC	3182862	27
TU-1709	FWD	3183436	3183987	551 MU-1111	ygiL	ygiL	3183436	
TU-1710	FWD	3184083	3184111	28 MU-1112	yqiG	yqiG	3184083	
TU-1711	FWD	3184127	3185552	1425 MU-1113	3184102 insC;insD	insC	3184209	107
TU-1712	FWD	3184083	3189718	5635 MU-1114	yqiG;yqiH;yqiI	yqiG	3185443	
TU-1713	FWD	3190230	3192547	2317 MU-1115	yqiJ;yqiK	yqiJ	3190230	
TU-1714	FWD	3199102	3201402	2300 MU-1116;MU-1117	3199068 htrG;cca	htrG	3199229	161
TU-1715	FWD	3199102	3201402	2300 MU-1116;MU-1117	3199114 htrG;cca	htrG	3199229	115
TU-1716	FWD	3199102	3201402	2300 MU-1116;MU-1117	3199202 htrG;cca	htrG	3199229	27
TU-1717	FWD	3199852	3201402	1550 MU-1117	3199811 cca	cca	3199913	102
TU-1718	FWD	3199852	3201402	1550 MU-1117	3199885 cca	cca	3199913	28
TU-1719	FWD	3199852	3201402	1550 MU-1117	3199888 cca	cca	3199913	25
TU-1720	FWD	3199852	3201402	1550 MU-1117	3199920 cca	cca	3199913	-7
TU-1721	FWD	3202627	3203352	725 MU-1118	3202677 ygiH	ygiH	3202716	39
TU-1722	FWD	3204485	3207509	3024 MU-1119	ttdA;ttdB;ttdT	ttdA	3204485	
TU-1723	FWD	3208702	3210627	1925 MU-1120	3208669 rpsU;dnaG	rpsU	3208803	134
TU-1724	FWD	3208702	3210627	1925 MU-1120	3208738 rpsU;dnaG	rpsU	3208803	65
TU-1725	FWD	3208702	3210627	1925 MU-1120	3208740 rpsU;dnaG	rpsU	3208803	63
TU-1726	FWD	3208702	3210627	1925 MU-1120	3208743 rpsU;dnaG	rpsU	3208803	60
TU-1727	FWD	3208702	3210627	1925 MU-1120	3208781 rpsU;dnaG	rpsU	3208803	22
TU-1728	FWD	3210652	3212952	2300 MU-1121	3210489 rpoD	rpoD	3211069	580
TU-1729	FWD	3210652	3212952	2300 MU-1121	3210710 rpoD	rpoD	3211069	359
TU-1730	FWD	3210652	3212952	2300 MU-1121	3210752 rpoD	rpoD	3211069	317
TU-1731	FWD	3210652	3212952	2300 MU-1121	3210963 rpoD	rpoD	3211069	106
TU-1732	FWD	3213652	3213677	25 MU-1122	3213668 ileX	ileX	3213620	-48
TU-1733	FWD	3214752	3215552	800 MU-1123	3214775 yqiI	yqiI	3214801	26

TU-1734	FWD	3217502	3219052	1550 MU-1124	3217481 ygjG	ygjG	3217516	35
TU-1735	FWD	3219428	3220353	925 MU-1125	3219417 ebgR	ebgR	3219488	71
TU-1736	FWD	3220655	3224193	3538 MU-1126	ebgA;ebgC	ebgA	3220655	
TU-1737	FWD	3224256	3225689	1433 MU-1127	ygjI	ygjI	3224256	
TU-1738	FWD	3225823	3229261	3438 MU-1128	ygjJ;ygjK	ygjJ	3225823	
TU-1739	FWD	3229703	3231653	1950 MU-1129	3229646 fadH	fadH	3229687	41
TU-1740	FWD	3233953	3234428	475 MU-1130	3233959 ygjP;ygjQ	ygjP	3233982	23
TU-1741	FWD	3235328	3236328	1000 MU-1131	3235304 ygjR	ygjR	3235333	29
TU-1742	FWD	3236378	3236553	175 MU-1132	3236497 psrN	psrN	3236396	-101
TU-1743	FWD	3236602	3237567	965 MU-1133	alx	alx	3236602	
TU-1744	FWD	3237903	3239128	1225 MU-1134	3237885 sstT	sstT	3237966	81
TU-1745	FWD	3243198	3244523	1325 MU-1135	3243045 exuT	exuT	3243126	81
TU-1746	FWD	3244648	3245423	775 MU-1136	3244646 exuR	exuR	3244674	28
TU-1747	FWD	3244648	3245423	775 MU-1136	3244656 exuR	exuR	3244674	18
TU-1748	FWD	3245523	3246823	1300 MU-1137	3245573 yqjA;yqjB	yqjA	3245795	222
TU-1749	FWD	3245523	3246823	1300 MU-1137	3245627 yqjA;yqjB	yqjA	3245795	168
TU-1750	FWD	3245523	3246823	1300 MU-1137	3245652 yqjA;yqjB	yqjA	3245795	143
TU-1751	FWD	3245523	3246823	1300 MU-1137	3245667 yqjA;yqjB	yqjA	3245795	128
TU-1752	FWD	3246873	3248398	1525 MU-1138	3246991 yqjC;yqjD;yqjE;yqjK	yqjC	3246991	0
TU-1753	FWD	3248448	3248923	475 MU-1139	3248592 yqjF	yqjF	3248584	-8
TU-1754	FWD	3249048	3250073	1025 MU-1140	3249186 yqjG	yqjG	3249046	-140
TU-1755	FWD	3250223	3250723	500 MU-1141	3250285 yhaH	yhaH	3250326	41
TU-1756	FWD	3250933	3251289	356 MU-1142	yhaI	yhaI	3250933	
TU-1757	FWD	3252349	3252524	175 MU-1143	3252319 yhaK	yhaK	3252341	22
TU-1758	FWD	3253049	3253324	275 MU-1144	3253037 yhaL	yhaL	3253065	28
TU-1759	FWD	3253049	3253324	275 MU-1144	3253039 yhaL	yhaL	3253065	26
TU-1760	FWD	3265402	3265620	218 MU-1145	tdcR	tdcR	3265402	
TU-1761	FWD	3265876	3267624	1748 MU-1146	yhaB;yhaC	yhaB	3265876	
TU-1762	FWD	3267751	3268195	444 MU-1147	3267552 NT			
TU-1763	FWD	3273295	3274845	1550 MU-1148	3273229 garD	garD	3273304	75
TU-1764	FWD	3273295	3274845	1550 MU-1148	3273257 garD	garD	3273304	47
TU-1765	FWD	3273295	3274845	1550 MU-1148	3273271 garD	garD	3273304	33
TU-1766	FWD	3274995	3275820	825 MU-1149	3274994 sohA;yhaV	sohA	3275024	30
TU-1767	FWD	3276936	3282025	5089 MU-1150	3276888 kbaZ;agaV;agaW;agaA;agaS;kbaY	kbaZ	3276936	48
TU-1768	FWD	3282192	3285047	2855 MU-1151	3281839 agaB;agaC;agaD;agaI	agaB	3282192	353
TU-1769	FWD	3285448	3290454	5006 MU-1152	3285425 yraH;yraI;yraJ;yraK	yraH	3285448	23
TU-1770	FWD	3291421	3295171	3750 MU-1153;MU-1154;MU-1155	3291391 yraM;yraN;diaA;yraP	yraM	3291422	31
TU-1771	FWD	3293846	3295171	1325 MU-1154;MU-1155	3293818 diaA;yraP	diaA	3293831	13
TU-1772	FWD	3294596	3295171	575 MU-1155	3294399 yraP	yraP	3294431	32
TU-1773	FWD	3296971	3297521	550 MU-1156	3296930 yhbO	yhbO	3296996	66
TU-1774	FWD	3297996	3298221	225 MU-1157	3297963 yhbQ	yhbQ	3297988	25
TU-1775	FWD	3299271	3301096	1825 MU-1158	3299461 yhbU;yhbV	yhbU	3299507	46
TU-1776	FWD	3301471	3302796	1325 MU-1159	3301434 yhbW	yhbW	3301470	36
TU-1777	FWD	3301471	3302796	1325 MU-1159	3301444 yhbW	yhbW	3301470	26
TU-1778	FWD	3309247	3309420	173 MU-1160	psrO	psrO	3309247	
TU-1779	FWD	3316521	3317946	1425 MU-1161	3316582 argG	argG	3316659	77

TU-1780	FWD	3316521	3317946	1425 MU-1161	3316589 argG	argG	3316659	70
TU-1781	FWD	3316521	3317946	1425 MU-1161	3316601 argG	argG	3316659	58
TU-1782	FWD	3316521	3317946	1425 MU-1161	3316636 argG	argG	3316659	23
TU-1783	FWD	3325796	3326171	375 MU-1162	3325781 yhbY	yhbY	3325812	31
TU-1784	FWD	3326971	3328521	1550 MU-1163	3326958 dacB	dacB	3326985	27
TU-1785	FWD	3331546	3333096	1550 MU-1164	3331658 ispB;sfsB	ispB	3331732	74
TU-1786	FWD	3331546	3333096	1550 MU-1164	3331724 ispB;sfsB	ispB	3331732	8
TU-1787	FWD	3331546	3333096	1550 MU-1164	3331736 ispB;sfsB	ispB	3331732	-4
TU-1788	FWD	3338272	3340272	2000 MU-1165	3338233 yrbG;kdsD	yrbG	3338297	64
TU-1789	FWD	3338272	3340272	2000 MU-1165	3338256 yrbG;kdsD	yrbG	3338297	41
TU-1790	FWD	3340297	3341272	975 MU-1166	3340285 kdsC;yrbK	kdsC	3340295	10
TU-1791	FWD	3341297	3342697	1400 MU-1167	3341327 lptA;lptB	lptA	3341402	75
TU-1792	FWD	3341297	3342697	1400 MU-1167	3341390 lptA;lptB	lptA	3341402	12
TU-1793	FWD	3342722	3346297	3575 MU-1168;MU-1169	3342713 rpoN;hpf;ptsN;yhbJ;npr	rpoN	3342739	26
TU-1794	FWD	3344247	3346297	2050 MU-1169	3344129 hpf;ptsN;yhbJ;npr	hpf	3344195	66
TU-1795	FWD	3344247	3346297	2050 MU-1169	3344137 hpf;ptsN;yhbJ;npr	hpf	3344195	58
TU-1796	FWD	3346472	3347397	925 MU-1170	3346447 yrbL	yrbL	3346474	27
TU-1797	FWD	3348604	3348704	100 MU-1171	3348610 ryhA	ryhA	3348599	-11
TU-1798	FWD	3350054	3350104	50 MU-1172	NT			
TU-1799	FWD	3352104	3352329	225 MU-1173	3352068 NT			
TU-1800	FWD	3352554	3358729	6175 MU-1174	3352533 gltB;gltD	gltB	3352654	121
TU-1801	FWD	3352554	3358729	6175 MU-1174	3352544 gltB;gltD	gltB	3352654	110
TU-1802	FWD	3352554	3358729	6175 MU-1174	3352583 gltB;gltD	gltB	3352654	71
TU-1803	FWD	3359204	3360079	875 MU-1175	3359153 gltF	gltF	3359198	45
TU-1804	FWD	3359204	3360079	875 MU-1175	3359163 gltF	gltF	3359198	35
TU-1805	FWD	3359204	3360079	875 MU-1175	3359175 gltF	gltF	3359198	23
TU-1806	FWD	3360134	3363573	3439 MU-1176	yhcA;yhcD;yhcE	yhcA	3360134	
TU-1807	FWD	3361129	3363029	1900 MU-1177	3360933 yhcD;yhcE	yhcD	3360829	-104
TU-1808	FWD	3361129	3363029	1900 MU-1177	3360973 yhcD;yhcE	yhcD	3360829	-144
TU-1809	FWD	3363207	3363573	366 MU-1178	yhcE	yhcE	3363207	
TU-1810	FWD	3365004	3365879	875 MU-1179	3364969 yhcF	yhcF	3364948	-21
TU-1811	FWD	3365004	3365879	875 MU-1179	3364973 yhcF	yhcF	3364948	-25
TU-1812	FWD	3365849	3366976	1127 MU-1180	yhcG	yhcG	3365849	
TU-1813	FWD	3372891	3374258	1367 MU-1181	dcuD	dcuD	3372891	
TU-1814	FWD	3378059	3378584	525 MU-1182	3378148 yhcB	yhcB	3378213	65
TU-1815	FWD	3378059	3378584	525 MU-1182	3378182 yhcB	yhcB	3378213	31
TU-1816	FWD	3378709	3380084	1375 MU-1183	3378675 degQ	degQ	3378765	90
TU-1817	FWD	3378709	3380084	1375 MU-1183	3378729 degQ	degQ	3378765	36
TU-1818	FWD	3380184	3381284	1100 MU-1184	3380203 degS	degS	3380222	19
TU-1819	FWD	3382684	3383184	500 MU-1185	3382622 argR	argR	3382725	103
TU-1820	FWD	3382684	3383184	500 MU-1185	3382699 argR	argR	3382725	26
TU-1821	FWD	3383528	3383803	275 MU-1186	3383540 yhcN	yhcN	3383560	20
TU-1822	FWD	3386978	3387503	525 MU-1187	3386963 NT			
TU-1823	FWD	3387553	3388428	875 MU-1188	3387502 aaeR	aaeR	3387542	40
TU-1824	FWD	3391028	3391128	100 MU-1189	3390911 NT			
TU-1825	FWD	3392528	3392628	100 MU-1190	3392539 NT			

TU-1826	FWD	3395878	3395928	50 MU-1191	3395856 NT			
TU-1827	FWD	3400628	3401353	725 MU-1192	3400640 NT			
TU-1828	FWD	3401378	3402578	1200 MU-1193	3401252 yhdH	yhdH	3401506	254
TU-1829	FWD	3401378	3402578	1200 MU-1193	3401401 yhdH	yhdH	3401506	105
TU-1830	FWD	3401378	3402578	1200 MU-1193	3401475 yhdH	yhdH	3401506	31
TU-1831	FWD	3402628	3403078	450 MU-1194	3402769 yrdE	yrdE	3402666	-103
TU-1832	FWD	3402628	3403078	450 MU-1194	3402779 yrdE	yrdE	3402666	-113
TU-1833	FWD	3403328	3405278	1950 MU-1195	3403396 accB;accC	accB	3403458	62
TU-1834	FWD	3403328	3405278	1950 MU-1195	3403474 accB;accC	accB	3403458	-16
TU-1835	FWD	3405406	3408006	2600 MU-1196;MU-1197	3405208 yhdT;panF;prmA	yhdT	3405397	189
TU-1836	FWD	3405406	3408006	2600 MU-1196;MU-1197	3405256 yhdT;panF;prmA	yhdT	3405397	141
TU-1837	FWD	3406831	3408006	1175 MU-1197	3407005 prmA	prmA	3407092	87
TU-1838	FWD	3406831	3408006	1175 MU-1197	3407062 prmA	prmA	3407092	30
TU-1839	FWD	3408206	3409606	1400 MU-1198	3408270 dusB;fis	dusB	3408302	32
TU-1840	FWD	3409675	3410756	1081 MU-1199;MU-1200	yhdJ;yhdU	yhdJ	3409675	
TU-1841	FWD	3410656	3410756	100 MU-1200	3410612 yhdU	yhdU	3410643	31
TU-1842	FWD	3411886	3416159	4273 MU-1201	3411816 acrE;acrF	acrE	3411886	70
TU-1843	FWD	3416357	3416557	200 MU-1202	3416353 yhdV	yhdV	3416412	59
TU-1844	FWD	3416982	3421182	4200 MU-1203	3417074 yhdW;yhdX;yhdY;yhdZ	yhdW	3417064	-10
TU-1845	FWD	3427232	3428007	775 MU-1204	3427233 yrdA	yrdA	3427258	25
TU-1846	FWD	3431707	3435882	4175 MU-1205	3431672 def;fmt;rsmB;trkA	def	3431712	40
TU-1847	FWD	3431707	3435882	4175 MU-1205	3431680 def;fmt;rsmB;trkA	def	3431712	32
TU-1848	FWD	3436032	3436457	425 MU-1206	3435866 mscL	mscL	3436046	180
TU-1849	FWD	3436032	3436457	425 MU-1206	3436063 mscL	mscL	3436046	-17
TU-1850	FWD	3453572	3463997	10425 MU-1207	3453562 gspC;gspD;gspE;gspF;gspG;gspH;gspI;gspJ;gspK;gspL;gspM;gspO	gspC	3453600	38
TU-1851	FWD	3453572	3463997	10425 MU-1207	3453580 gspC;gspD;gspE;gspF;gspG;gspH;gspI;gspJ;gspK;gspL;gspM;gspO	gspC	3453600	20
TU-1852	FWD	3475524	3475874	350 MU-1208	3475637 slyX	slyX	3475662	25
TU-1853	FWD	3476499	3476699	200 MU-1209	3476465 NT			
TU-1854	FWD	3479149	3483324	4175 MU-1210;MU-1211	3479280 yheS;yheT;yheU;prkB	yheS	3479311	31
TU-1855	FWD	3482024	3483324	1300 MU-1211	3482202 yheU;prkB	yheU	3482240	38
TU-1856	FWD	3483999	3486924	2925 MU-1212	3483975 crp;yhfK	crp	3484142	167
TU-1857	FWD	3483999	3486924	2925 MU-1212	3483987 crp;yhfK	crp	3484142	155
TU-1858	FWD	3483999	3486924	2925 MU-1212	3483071 crp;yhfK	crp	3484142	1071
TU-1859	FWD	3483999	3486924	2925 MU-1212	3484074 crp;yhfK	crp	3484142	68
TU-1860	FWD	3483999	3486924	2925 MU-1212	3484120 crp;yhfK	crp	3484142	22
TU-1861	FWD	3483999	3486924	2925 MU-1212	3484132 crp;yhfK	crp	3484142	10
TU-1862	FWD	3490574	3491749	1175 MU-1213	3490542 tsgA	tsgA	3490590	48
TU-1863	FWD	3491899	3495635	3736 MU-1214	3491922 nirB;nirD;nirC	nirB	3492033	111
TU-1864	FWD	3491899	3495635	3736 MU-1214	3492009 nirB;nirD;nirC	nirB	3492033	24
TU-1865	FWD	3495735	3497185	1450 MU-1215	3495774 cysG	cysG	3495850	76
TU-1866	FWD	3495735	3497185	1450 MU-1215	3495828 cysG	cysG	3495850	22
TU-1867	FWD	3497535	3497610	75 MU-1216	3497436 yhfL	yhfL	3497470	34
TU-1868	FWD	3497535	3497610	75 MU-1216	3497478 yhfL	yhfL	3497470	-8
TU-1869	FWD	3497932	3501974	4042 MU-1217	frlA;frlB;frlC;frlD	frlA	3497932	

TU-1870	FWD	3501985	3502860	875 MU-1218	3502047 frlR	frlR	3502074	27
TU-1871	FWD	3501985	3502860	875 MU-1218	3502055 frlR	frlR	3502074	19
TU-1872	FWD	3501985	3502860	875 MU-1218	3502099 frlR	frlR	3502074	-25
TU-1873	FWD	3506512	3506687	175 MU-1219	NT			
TU-1874	FWD	3520887	3523412	2525 MU-1220	3520848 mrcA	mrcA	3520893	45
TU-1875	FWD	3524312	3526612	2300 MU-1221	3524344 yrfF	yrfF	3524491	147
TU-1876	FWD	3526687	3528787	2100 MU-1222;MU-1223	3526662 yrfG;hslR;hslO	yrfG	3526691	29
TU-1877	FWD	3527162	3528787	1625 MU-1223	3527132 hslR;hslO	hslR	3527370	238
TU-1878	FWD	3530737	3532463	1726 MU-1224	3530701 pck	pck	3530840	139
TU-1879	FWD	3530737	3532463	1726 MU-1224	3530813 pck	pck	3530840	27
TU-1880	FWD	3534488	3535313	825 MU-1225	3534487 greB	greB	3534834	347
TU-1881	FWD	3534488	3535313	825 MU-1225	3534659 greB	greB	3534834	175
TU-1882	FWD	3534488	3535313	825 MU-1225	3534688 greB	greB	3534834	146
TU-1883	FWD	3535363	3537813	2450 MU-1226	3535375 yhgF	yhgF	3535407	32
TU-1884	FWD	3535363	3537813	2450 MU-1226	3535376 yhgF	yhgF	3535407	31
TU-1885	FWD	3538038	3540988	2950 MU-1227	3538080 feoA;feoB;feoC	feoA	3538185	105
TU-1886	FWD	3541863	3542263	400 MU-1228	yhgA	yhgA	3541189	
TU-1887	FWD	3542904	3543587	683 MU-1229	3542880 gntX	gntX	3542904	24
TU-1888	FWD	3543213	3544313	1100 MU-1230	3543480 gntY	gntY	3543646	166
TU-1889	FWD	3543213	3544313	1100 MU-1230	3543618 gntY	gntY	3543646	28
TU-1890	FWD	3543213	3544313	1100 MU-1230	3543630 gntY	gntY	3543646	16
TU-1891	FWD	3543213	3544313	1100 MU-1230	3543655 gntY	gntY	3543646	-9
TU-1892	FWD	3544488	3545888	1400 MU-1231	3544427 gntT	gntT	3544581	154
TU-1893	FWD	3544488	3545888	1400 MU-1231	3544499 gntT	gntT	3544581	82
TU-1894	FWD	3550788	3553938	3150 MU-1232	3551046 malT	malT	3551107	61
TU-1895	FWD	3556314	3556564	250 MU-1233	rtcR	rtcR	3556290	
TU-1896	FWD	3559964	3561939	1975 MU-1234	3559931 glpD	glpD	3560036	105
TU-1897	FWD	3559964	3561939	1975 MU-1234	3559948 glpD	glpD	3560036	88
TU-1898	FWD	3559964	3561939	1975 MU-1234	3560002 glpD	glpD	3560036	34
TU-1899	FWD	3559964	3561939	1975 MU-1234	3560011 glpD	glpD	3560036	25
TU-1900	FWD	3572822	3573897	1075 MU-1235	3572952 yhgN	yhgN	3573094	142
TU-1901	FWD	3579172	3579697	525 MU-1236	3579134 yhhY	yhhY	3579161	27
TU-1902	FWD	3579886	3581441	1555 MU-1237	yhhZ;yrhA	yhhZ	3579886	
TU-1903	FWD	3581470	3582195	725 MU-1238	3581412 insA;insB	insA	3581506	94
TU-1904	FWD	3581061	3581441	380 MU-1239	yrhA	yrhA	3582219	
TU-1905	FWD	3582427	3582582	155 MU-1240	yrhD	yrhD	3582427	
TU-1906	FWD	3582670	3583070	400 MU-1241	3582633 yrhB	yrhB	3582782	149
TU-1907	FWD	3584970	3585595	625 MU-1242	3584943 yhhA	yhhA	3584966	23
TU-1908	FWD	3590495	3590595	100 MU-1243	3590459 NT			
TU-1909	FWD	3590495	3590595	100 MU-1243	3590461 NT			
TU-1910	FWD	3595974	3596474	500 MU-1244	3595981 yhhK	yhhK	3596007	26
TU-1911	FWD	3602374	3603249	875 MU-1245	3602350 rsmD;yhhL	rsmD	3602416	66
TU-1912	FWD	3602374	3603249	875 MU-1245	3602360 rsmD;yhhL	rsmD	3602416	56
TU-1913	FWD	3603749	3606599	2850 MU-1246;MU-1247	3603759 yhhN;zntA	yhhN	3603774	15
TU-1914	FWD	3604474	3606599	2125 MU-1247	3604445 zntA	zntA	3604474	29
TU-1915	FWD	3607174	3607774	600 MU-1248	3607131 yhhQ	yhhQ	3607240	109

TU-1916	FWD	3607174	3607774	600 MU-1248	3607248 yhhQ	yhhQ	3607240	-8
TU-1917	FWD	3607874	3608499	625 MU-1249	3607940 dcrB	dcrB	3607978	38
TU-1918	FWD	3609899	3610724	825 MU-1250	3609865 yhhT	yhhT	3609888	23
TU-1919	FWD	3610799	3611724	925 MU-1251	3610784 acpT	acpT	3610992	208
TU-1920	FWD	3610799	3611724	925 MU-1251	3610789 acpT	acpT	3610992	203
TU-1921	FWD	3610799	3611724	925 MU-1251	3610844 acpT	acpT	3610992	148
TU-1922	FWD	3611690	3616605	4915 MU-1252	nikA;nikB;nikC;nikD;nikE	nikA	3611690	
TU-1923	FWD	3616574	3616824	250 MU-1253	3616560 nikR	nikR	3616611	51
TU-1924	FWD	3616574	3616824	250 MU-1253	3616569 nikR	nikR	3616611	42
TU-1925	FWD	3617224	3621674	4450 MU-1254	3617209 rhsB;yhhH	rhsB	3617215	6
TU-1926	FWD	3621924	3623474	1550 MU-1255	3621754 yrhC;yhhI	yrhC	3621910	156
TU-1927	FWD	3632874	3633549	675 MU-1256	3632765 yhiM	yhiM	3632822	57
TU-1928	FWD	3635549	3637324	1775 MU-1257	3635635 pitA	pitA	3635665	30
TU-1929	FWD	3635549	3637324	1775 MU-1257	3635677 pitA	pitA	3635665	-12
TU-1930	FWD	3637974	3638574	600 MU-1258	3638007 uspA	uspA	3638134	127
TU-1931	FWD	3637974	3638574	600 MU-1258	3638021 uspA	uspA	3638134	113
TU-1932	FWD	3637974	3638574	600 MU-1258	3638114 uspA	uspA	3638134	20
TU-1933	FWD	3638899	3640324	1425 MU-1259	3639000 yhiP	yhiP	3638885	-115
TU-1934	FWD	3643324	3645774	2450 MU-1260;MU-1261	3643355 yhiR;gor	yhiR	3643408	53
TU-1935	FWD	3644224	3645774	1550 MU-1261	3644298 gor	gor	3644322	24
TU-1936	FWD	3646124	3646249	125 MU-1262	3646086 NT			
TU-1937	FWD	3646560	3648035	1475 MU-1263	3646533 arsR;arsB	arsR	3646551	18
TU-1938	FWD	3648135	3648810	675 MU-1264	3648138 arsC	arsC	3648260	122
TU-1939	FWD	3648135	3648810	675 MU-1264	3648198 arsC	arsC	3648260	62
TU-1940	FWD	3649314	3650054	740 MU-1265	yhiS	yhiS	3649314	
TU-1941	FWD	3651985	3652710	725 MU-1266	3651959 slp	slp	3651984	25
TU-1942	FWD	3652706	3653236	530 MU-1267	dctR	dctR	3652706	
TU-1943	FWD	3655010	3655585	575 MU-1268	3654983 hdeD	hdeD	3655018	35
TU-1944	FWD	3655010	3655585	575 MU-1268	3654989 hdeD	hdeD	3655018	29
TU-1945	FWD	3655010	3655585	575 MU-1268	3655002 hdeD	hdeD	3655018	16
TU-1946	FWD	3655010	3655585	575 MU-1268	3655034 hdeD	hdeD	3655018	-16
TU-1947	FWD	3655835	3661460	5625 MU-1269;MU-1270	3655823 gadE;mdtE;mdtF	gadE	3656389	566
TU-1948	FWD	3655835	3661460	5625 MU-1269;MU-1270	3656265 gadE;mdtE;mdtF	gadE	3656389	124
TU-1949	FWD	3655835	3661460	5625 MU-1269;MU-1270	3656297 gadE;mdtE;mdtF	gadE	3656389	92
TU-1950	FWD	3655835	3661460	5625 MU-1269;MU-1270	3656322 gadE;mdtE;mdtF	gadE	3656389	67
TU-1951	FWD	3655835	3661460	5625 MU-1269;MU-1270	3656369 gadE;mdtE;mdtF	gadE	3656389	20
TU-1952	FWD	3657185	3661460	4275 MU-1270	3656973 gadE;mdtE;mdtF	gadE	3656389	-584
TU-1953	FWD	3657185	3661460	4275 MU-1270	3657015 mdtE;mdtF	mdtE	3657255	240
TU-1954	FWD	3657185	3661460	4275 MU-1270	3657239 mdtE;mdtF	mdtE	3657255	16
TU-1955	FWD	3662835	3662935	100 MU-1271	3662887 gadY	gadY	3662887	0
TU-1956	FWD	3664260	3664385	125 MU-1272	3664096 NT			
TU-1957	FWD	3667585	3668885	1300 MU-1273	3667508 treF	treF	3667615	107
TU-1958	FWD	3667585	3668885	1300 MU-1273	3667569 treF	treF	3667615	46
TU-1959	FWD	3667585	3668885	1300 MU-1273	3667572 treF	treF	3667615	43
TU-1960	FWD	3668910	3669435	525 MU-1274	3668915 NT			
TU-1961	FWD	3670415	3671440	1025 MU-1275	3670379 yhjC	yhjC	3670437	58

TU-1962	FWD	3671465	3672390	925 MU-1276	3671355 yhjD	yhjD	3671385	30
TU-1963	FWD	3672815	3674340	1525 MU-1277	3672780 yhjE	yhjE	3672809	29
TU-1964	FWD	3672815	3674340	1525 MU-1277	3672782 yhjE	yhjE	3672809	27
TU-1965	FWD	3677365	3678315	950 MU-1278	3677415 kdjK	kdjK	3677442	27
TU-1966	FWD	3694466	3697866	3400 MU-1279	3694420 bcsE;bcsF;bcsG	bcsE	3694481	61
TU-1967	FWD	3694466	3697866	3400 MU-1279	3694466 bcsE;bcsF;bcsG	bcsE	3694481	15
TU-1968	FWD	3698241	3698266	25 MU-1280	3698161 rdID	rdID	3698159	-2
TU-1969	FWD	3698491	3699141	650 MU-1281	3698565 yhjV	yhjV	3698586	21
TU-1970	FWD	3699691	3699816	125 MU-1282	3699582 NT			
TU-1971	FWD	3705969	3706294	325 MU-1283	3705912 NT			
TU-1972	FWD	3710794	3712169	1375 MU-1284	3710942 tag;yiaC	tag	3711115	173
TU-1973	FWD	3714569	3715194	625 MU-1285	3714525 yiaD	yiaD	3714570	45
TU-1974	FWD	3715319	3716269	950 MU-1286	3715310 ghrB	ghrB	3715333	23
TU-1975	FWD	3717469	3717794	325 MU-1287	3717454 yiaG	yiaG	3717501	47
TU-1976	FWD	3717469	3717794	325 MU-1287	3717461 yiaG	yiaG	3717501	40
TU-1977	FWD	3717469	3717794	325 MU-1287	3717466 yiaG	yiaG	3717501	35
TU-1978	FWD	3717919	3718244	325 MU-1288	3717912 cspA	cspA	3718072	160
TU-1979	FWD	3717919	3718244	325 MU-1288	3718038 cspA	cspA	3718072	34
TU-1980	FWD	3718703	3720072	1369 MU-1289	3718397 insJ;insK	insJ	3718703	306
TU-1981	FWD	3720094	3720169	75 MU-1290	sokA	sokA	3720099	
TU-1982	FWD	3724369	3724869	500 MU-1291	3723922 wecH	wecH	3723910	-12
TU-1983	FWD	3729154	3734246	5092 MU-1292;MU-1293	3729092 xylF;xylG;xylH;xylR	xylF	3729154	62
TU-1984	FWD	3732896	3734246	1350 MU-1293	3732937 xylR	xylR	3733002	65
TU-1985	FWD	3735101	3737326	2225 MU-1294	3735030 malS	malS	3735520	490
TU-1986	FWD	3735101	3737326	2225 MU-1294	3735218 malS	malS	3735520	302
TU-1987	FWD	3737726	3739276	1550 MU-1295	3737697 avtA	avtA	3737728	31
TU-1988	FWD	3740756	3748804	8048 MU-1296	3740696 yiaK;yiaL;yiaM;yiaN;yiaO;lyx;sgbH;sgbU;sgbE	yiaK	3740756	60
TU-1989	FWD	3748941	3749132	191 MU-1297	ysaD	ysaD	3748941	
TU-1990	FWD	3749926	3750676	750 MU-1298	3749991 yiaU	yiaU	3750015	24
TU-1991	FWD	3760152	3763827	3675 MU-1299	3760215 rhsA	rhsA	3760206	-9
TU-1992	FWD	3764127	3764977	850 MU-1300	3764190 yibA	yibA	3764360	170
TU-1993	FWD	3764127	3764977	850 MU-1300	3764321 yibA	yibA	3764360	39
TU-1994	FWD	3764127	3764977	850 MU-1300	3764326 yibA	yibA	3764360	34
TU-1995	FWD	3765052	3766027	975 MU-1301	3764936 yibJ	yibJ	3765244	308
TU-1996	FWD	3766252	3767202	950 MU-1302	yibG;yibS;yibW	yibG	3766200	
TU-1997	FWD	3767368	3767703	335 MU-1303	3767397 yibV	yibV	3767368	-29
TU-1998	FWD	3767971	3768169	198 MU-1304	yibU	yibU	3767971	
TU-1999	FWD	3770177	3772327	2150 MU-1305	3770149 mtIA	mtIA	3770304	155
TU-2000	FWD	3770177	3772327	2150 MU-1305	3770212 mtIA	mtIA	3770304	92
TU-2001	FWD	3772427	3774002	1575 MU-1306	3772407 mtID;mtIR	mtID	3772447	40
TU-2002	FWD	3772427	3774002	1575 MU-1306	3772421 mtID;mtIR	mtID	3772447	26
TU-2003	FWD	3772427	3774002	1575 MU-1306	3772428 mtID;mtIR	mtID	3772447	19
TU-2004	FWD	3772427	3774002	1575 MU-1306	3772439 mtID;mtIR	mtID	3772447	8
TU-2005	FWD	3774677	3775127	450 MU-1307	3774659 yibL	yibL	3774688	29
TU-2006	FWD	3775377	3779127	3750 MU-1308	3775315 lldP;lldR;lldD	lldP	3775422	107

TU-2007	FWD	3779252	3779702	450 MU-1309	3779202 yibK	yibK	3779238	36
TU-2008	FWD	3783102	3787177	4075 MU-1310;MU-1311;MU-1312	3783229 gpmM;envC;yibQ	gpmM	3783283	54
TU-2009	FWD	3783102	3787177	4075 MU-1310;MU-1311;MU-1312	3783250 gpmM;envC;yibQ	gpmM	3783283	33
TU-2010	FWD	3783102	3787177	4075 MU-1310;MU-1311;MU-1312	3783255 gpmM;envC;yibQ	gpmM	3783283	28
TU-2011	FWD	3783102	3787177	4075 MU-1310;MU-1311;MU-1312	3783260 gpmM;envC;yibQ	gpmM	3783283	23
TU-2012	FWD	3784952	3787177	2225 MU-1311;MU-1312	3784837 envC;yibQ	envC	3784861	24
TU-2013	FWD	3784952	3787177	2225 MU-1311;MU-1312	3784987 envC;yibQ	envC	3784861	-126
TU-2014	FWD	3784952	3787177	2225 MU-1311;MU-1312	3785034 envC;yibQ	envC	3784861	-173
TU-2015	FWD	3785902	3787177	1275 MU-1312	3786063 yibQ	yibQ	3786124	61
TU-2016	FWD	3791802	3796177	4375 MU-1313;MU-1314	3791776 rfaD;rfaF;rfaC;rfaL	rfaD	3792010	234
TU-2017	FWD	3791802	3796177	4375 MU-1313;MU-1314	3791833 rfaD;rfaF;rfaC;rfaL	rfaD	3792010	177
TU-2018	FWD	3791802	3796177	4375 MU-1313;MU-1314	3791962 rfaD;rfaF;rfaC;rfaL	rfaD	3792010	48
TU-2019	FWD	3791802	3796177	4375 MU-1313;MU-1314	3791993 rfaD;rfaF;rfaC;rfaL	rfaD	3792010	17
TU-2020	FWD	3795077	3796177	1100 MU-1314	3794947 rfaL	rfaL	3794971	24
TU-2021	FWD	3795077	3796177	1100 MU-1314	3795078 rfaL	rfaL	3794971	-107
TU-2022	FWD	3806556	3808431	1875 MU-1315;MU-1316	3806539 waaA;coaD	waaA	3806563	24
TU-2023	FWD	3807456	3808431	975 MU-1316	3807344 coaD	coaD	3807848	504
TU-2024	FWD	3810656	3813081	2425 MU-1317;MU-1318	3810724 dfp;dut;slmA	dfp	3810754	30
TU-2025	FWD	3811706	3813081	1375 MU-1318	3811780 dut;slmA	dut	3811955	175
TU-2026	FWD	3811706	3813081	1375 MU-1318	3811866 dut;slmA	dut	3811955	89
TU-2027	FWD	3814706	3815581	875 MU-1319	3814671 yicC	yicC	3814699	28
TU-2028	FWD	3814706	3815581	875 MU-1319	3814680 yicC	yicC	3814699	19
TU-2029	FWD	3815783	3816607	824 MU-1320	3815738 dinD	dinD	3815783	45
TU-2030	FWD	3816897	3817514	617 MU-1321	yicG	yicG	3816897	
TU-2031	FWD	3819431	3825281	5850 MU-1322;MU-1323	3819411 gmk;rpoZ;spoT;trmH;recG	gmk	3819451	40
TU-2032	FWD	3819431	3825281	5850 MU-1322;MU-1323	3819419 gmk;rpoZ;spoT;trmH;recG	gmk	3819451	32
TU-2033	FWD	3819431	3825281	5850 MU-1322;MU-1323	3819424 gmk;rpoZ;spoT;trmH;recG	gmk	3819451	27
TU-2034	FWD	3820131	3825281	5150 MU-1323	3819942 rpoZ;spoT;trmH;recG	rpoZ	3820129	187
TU-2035	FWD	3820131	3825281	5150 MU-1323	3819946 rpoZ;spoT;trmH;recG	rpoZ	3820129	183
TU-2036	FWD	3820131	3825281	5150 MU-1323	3820008 rpoZ;spoT;trmH;recG	rpoZ	3820129	121
TU-2037	FWD	3820131	3825281	5150 MU-1323	3820101 rpoZ;spoT;trmH;recG	rpoZ	3820129	28
TU-2038	FWD	3820131	3825281	5150 MU-1323	3820103 rpoZ;spoT;trmH;recG	rpoZ	3820129	26
TU-2039	FWD	3826956	3828331	1375 MU-1324	3826943 yicE	yicE	3826968	25
TU-2040	FWD	3826956	3828331	1375 MU-1324	3826958 yicE	yicE	3826968	10
TU-2041	FWD	3828481	3830181	1700 MU-1325	3828454 yicH	yicH	3828480	26
TU-2042	FWD	3834206	3834356	150 MU-1326	3834176 selC	selC	3834245	69
TU-2043	FWD	3834448	3834579	131 MU-1327	yicT	yicT	3834448	
TU-2044	FWD	3834976	3836160	1184 MU-1328	setC	setC	3834976	
TU-2045	FWD	3836256	3837206	950 MU-1329	3836236 yicL	yicL	3836271	35
TU-2046	FWD	3838031	3838531	500 MU-1330	3838038 yicS	yicS	3838238	200
TU-2047	FWD	3842156	3843556	1400 MU-1331	3841958 ade	ade	3841987	29
TU-2048	FWD	3842156	3843556	1400 MU-1331	3841961 ade	ade	3841987	26
TU-2049	FWD	3842156	3843556	1400 MU-1331	3842137 ade	ade	3841987	-150
TU-2050	FWD	3842156	3843556	1400 MU-1331	3842154 ade	ade	3841987	-167
TU-2051	FWD	3851383	3851683	300 MU-1332	3851354 tisA;tisB	tisA	3851466	112
TU-2052	FWD	3852008	3852958	950 MU-1333	emrD	emrD	3851945	

TU-2053	FWD	3854458	3854683	225 MU-1334	3854453 yidI	yidI	3854438	-15
TU-2054	FWD	3856958	3857133	175 MU-1335	NT			
TU-2055	FWD	3858276	3859199	923 MU-1336	3858282 yidL	yidL	3858276	-6
TU-2056	FWD	3861922	3862638	716 MU-1337	3861646 yidP	yidP	3861922	276
TU-2057	FWD	3865583	3866558	975 MU-1338	3865466 yidQ	yidQ	3865751	285
TU-2058	FWD	3865583	3866558	975 MU-1338	3865740 yidQ	yidQ	3865751	11
TU-2059	FWD	3865583	3866558	975 MU-1338	3865744 yidQ	yidQ	3865751	7
TU-2060	FWD	3865583	3866558	975 MU-1338	3865754 yidQ	yidQ	3865751	-3
TU-2061	FWD	3867400	3868464	1064 MU-1339	3867376 cbrA	cbrA	3867400	24
TU-2062	FWD	3873368	3874168	800 MU-1340	3873331 yidX	yidX	3873461	130
TU-2063	FWD	3873368	3874168	800 MU-1340	3873461 yidX	yidX	3873461	0
TU-2064	FWD	3882121	3884746	2625 MU-1341;MU-1342	3882073 rpmH;rnxA;yidD;yidC	rpmH	3882359	286
TU-2065	FWD	3882121	3884746	2625 MU-1341;MU-1342	3882139 rpmH;rnxA;yidD;yidC	rpmH	3882359	220
TU-2066	FWD	3882121	3884746	2625 MU-1341;MU-1342	3882227 rpmH;rnxA;yidD;yidC	rpmH	3882359	132
TU-2067	FWD	3882121	3884746	2625 MU-1341;MU-1342	3882262 rpmH;rnxA;yidD;yidC	rpmH	3882359	97
TU-2068	FWD	3882121	3884746	2625 MU-1341;MU-1342	3882331 rpmH;rnxA;yidD;yidC	rpmH	3882359	28
TU-2069	FWD	3883071	3884746	1675 MU-1342	3883077 yidC	yidC	3883099	22
TU-2070	FWD	3884796	3886171	1375 MU-1343	3884796 mnmE	mnmE	3884851	55
TU-2071	FWD	3886397	3886547	150 MU-1344	3886434 tnaC	tnaC	3886458	24
TU-2072	FWD	3886753	3888168	1415 MU-1345	3886568 tnaA	tnaA	3886753	185
TU-2073	FWD	3888259	3889506	1247 MU-1346	tnaB	tnaB	3888259	
TU-2074	FWD	3889638	3890813	1175 MU-1347	mdtL	mdtL	3889638	
TU-2075	FWD	3890747	3891547	800 MU-1348	3890742 yidZ	yidZ	3890788	46
TU-2076	FWD	3891822	3893372	1550 MU-1349	3891852 yieE;yieF	yieE	3891892	40
TU-2077	FWD	3891822	3893372	1550 MU-1349	3891875 yieE;yieF	yieE	3891892	17
TU-2078	FWD	3894722	3895447	725 MU-1350	3894574 yieH	yieH	3894797	223
TU-2079	FWD	3894722	3895447	725 MU-1350	3894698 yieH	yieH	3894797	99
TU-2080	FWD	3895622	3896622	1000 MU-1351	3895504 cbrB;cbrC	cbrB	3895529	25
TU-2081	FWD	3895622	3896622	1000 MU-1351	3895618 cbrB;cbrC	cbrB	3895529	-89
TU-2082	FWD	3902422	3902897	475 MU-1352	3902442 NT			
TU-2083	FWD	3920657	3920907	250 MU-1353	3920627 NT			
TU-2084	FWD	3925182	3926082	900 MU-1354	3925155 asnA	asnA	3925178	23
TU-2085	FWD	3929132	3931157	2025 MU-1355	3929239 kup	kup	3929339	100
TU-2086	FWD	3931382	3935157	3775 MU-1356	3931345 rbsD;rbsA;rbsC;rbsB	rbsD	3931374	29
TU-2087	FWD	3935182	3936057	875 MU-1357	3935178 rbsK	rbsK	3935317	139
TU-2088	FWD	3935182	3936057	875 MU-1357	3935192 rbsK	rbsK	3935317	125
TU-2089	FWD	3936082	3937107	1025 MU-1358	3936225 rbsR	rbsR	3936250	25
TU-2090	FWD	3939482	3944885	5403 MU-1359	3939656 rrsC;gltU;rrlC;rrfC	rrsC	3939831	175
TU-2091	FWD	3939482	3944885	5403 MU-1359	3939830 rrsC;gltU;rrlC;rrfC	rrsC	3939831	1
TU-2092	FWD	3944910	3944963	53 MU-1360	aspT	aspT	3944895	
TU-2093	FWD	3944988	3945038	50 MU-1361	trpT	trpT	3944980	
TU-2094	FWD	3946088	3946438	350 MU-1362	3946073 yifE	yifE	3946109	36
TU-2095	FWD	3946088	3946438	350 MU-1362	3946081 yifE	yifE	3946109	28
TU-2096	FWD	3946088	3946438	350 MU-1362	3946093 yifE	yifE	3946109	16
TU-2097	FWD	3946488	3946713	225 MU-1363	3946474 NT			
TU-2098	FWD	3948288	3954886	6598 MU-1364	3948313 ilvL;ilvG;ilvM;ilvE;ilvD;ilvA	ilvL	3948345	32

TU-2099	FWD	3948288	3954886	6598 MU-1364	3948461 ilvL;ilvG;ilvM;ilvE;ilvD;ilvA	ilvL	3948345	-116
TU-2100	FWD	3955961	3957686	1725 MU-1365	3955939 ilvC	ilvC	3955993	54
TU-2101	FWD	3955961	3957686	1725 MU-1365	3955960 ilvC	ilvC	3955993	33
TU-2102	FWD	3955961	3957686	1725 MU-1365	3955969 ilvC	ilvC	3955993	24
TU-2103	FWD	3955961	3957686	1725 MU-1365	3955977 ilvC	ilvC	3955993	16
TU-2104	FWD	3955961	3957686	1725 MU-1365	3955987 ilvC	ilvC	3955993	6
TU-2105	FWD	3958686	3960711	2025 MU-1366	3958673 rep	rep	3958700	27
TU-2106	FWD	3963411	3963686	275 MU-1367	3963396 NT			
TU-2107	FWD	3963711	3964236	525 MU-1368	3963673 trxA	trxA	3963784	111
TU-2108	FWD	3963711	3964236	525 MU-1368	3963683 trxA	trxA	3963784	101
TU-2109	FWD	3963711	3964236	525 MU-1368	3963702 trxA	trxA	3963784	82
TU-2110	FWD	3963711	3964236	525 MU-1368	3963714 trxA	trxA	3963784	70
TU-2111	FWD	3963711	3964236	525 MU-1368	3963763 trxA	trxA	3963784	21
TU-2112	FWD	3964261	3965636	1375 MU-1369	3964185 rho	rho	3964440	255
TU-2113	FWD	3964261	3965636	1375 MU-1369	3964218 rho	rho	3964440	222
TU-2114	FWD	3964261	3965636	1375 MU-1369	3964227 rho	rho	3964440	213
TU-2115	FWD	3964261	3965636	1375 MU-1369	3964270 rho	rho	3964440	170
TU-2116	FWD	3965786	3978637	12851 MU-1370;MU-1371;MU-1372	3965913 rfe;wzzE;rffE;rffD;rffG;rffH;rffC;rffA;wzxE;rff rfe T;wzyE;rffM	rfe	3965939	26
TU-2117	FWD	3965786	3978637	12851 MU-1370;MU-1371;MU-1372	3965919 rfe;wzzE;rffE;rffD;rffG;rffH;rffC;rffA;wzxE;rff rfe T;wzyE;rffM	rfe	3965939	20
TU-2118	FWD	3966987	3978637	11650 MU-1371;MU-1372	3966885 wzzE;rffE;rffD;rffG;rffH;rffC;rffA;wzxE;rffT;w wzzE zyE;rffM	wzzE	3967054	169
TU-2119	FWD	3966987	3978637	11650 MU-1371;MU-1372	3966887 wzzE;rffE;rffD;rffG;rffH;rffC;rffA;wzxE;rffT;w wzzE zyE;rffM	wzzE	3967054	167
TU-2120	FWD	3966987	3978637	11650 MU-1371;MU-1372	3967150 wzzE;rffE;rffD;rffG;rffH;rffC;rffA;wzxE;rffT;w wzzE zyE;rffM	wzzE	3967054	-96
TU-2121	FWD	3966987	3978637	11650 MU-1371;MU-1372	3967199 wzzE;rffE;rffD;rffG;rffH;rffC;rffA;wzxE;rffT;w wzzE zyE;rffM	wzzE	3967054	-145
TU-2122	FWD	3968312	3978637	10325 MU-1372	3968173 rffE;rffD;rffG;rffH;rffC;rffA;wzxE;rffT;wzyE;rf rffE fM	rffE	3968156	-17
TU-2123	FWD	3968312	3978637	10325 MU-1372	3968253 rffE;rffD;rffG;rffH;rffC;rffA;wzxE;rffT;wzyE;rf rffE fM	rffE	3968156	-97
TU-2124	FWD	3978862	3980312	1450 MU-1373	3978846 yifK	yifK	3978910	64
TU-2125	FWD	3980337	3980837	500 MU-1374	3980385 argX;hisR;leuT;proM	argX	3980398	13
TU-2126	FWD	3980337	3980837	500 MU-1374	3980398 argX;hisR;leuT;proM	argX	3980398	0
TU-2127	FWD	3980981	3982216	1235 MU-1375	3980943 aslB	aslB	3980981	38
TU-2128	FWD	3984387	3984612	225 MU-1376	3984454 glmZ	glmZ	3984455	1
TU-2129	FWD	3988812	3988912	100 MU-1377	3988860 NT			
TU-2130	FWD	3988812	3988912	100 MU-1377	3988889 NT			
TU-2131	FWD	3988987	3991765	2778 MU-1378	3988975 cyaA	cyaA	3989176	201
TU-2132	FWD	3988987	3991765	2778 MU-1378	3989022 cyaA	cyaA	3989176	154
TU-2133	FWD	3988987	3991765	2778 MU-1378	3989081 cyaA	cyaA	3989176	95
TU-2134	FWD	3988987	3991765	2778 MU-1378	3989090 cyaA	cyaA	3989176	86
TU-2135	FWD	3992490	3995915	3425 MU-1379	3992514 yifL;dapF;yigA;xerC;yigB	yifL	3992545	31
TU-2136	FWD	3992490	3995915	3425 MU-1379	3992528 yifL;dapF;yigA;xerC;yigB	yifL	3992545	17

TU-2137	FWD	3995965	3998240	2275 MU-1380	3995930 uvrD	uvrD	3996006	76
TU-2138	FWD	3999090	4000390	1300 MU-1381	3999215 corA	corA	3999449	234
TU-2139	FWD	3999090	4000390	1300 MU-1381	3999221 corA	corA	3999449	228
TU-2140	FWD	3999090	4000390	1300 MU-1381	3999296 corA	corA	3999449	153
TU-2141	FWD	3999090	4000390	1300 MU-1381	3999326 corA	corA	3999449	123
TU-2142	FWD	4002865	4003790	925 MU-1382	4002838 pldA	pldA	4002885	47
TU-2143	FWD	4002865	4003790	925 MU-1382	4002852 pldA	pldA	4002885	33
TU-2144	FWD	4003890	4006465	2575 MU-1383	4003859 recQ;rhtC	recQ	4003887	28
TU-2145	FWD	4003890	4006465	2575 MU-1383	4003866 recQ;rhtC	recQ	4003887	21
TU-2146	FWD	4007115	4008965	1850 MU-1384	4007163 pldB;yigL	pldB	4007193	30
TU-2147	FWD	4009115	4009790	675 MU-1385	4008982 yigM	yigM	4009099	117
TU-2148	FWD	4010915	4013515	2600 MU-1386	4010909 metE	metE	4011076	167
TU-2149	FWD	4010915	4013515	2600 MU-1386	4010915 metE	metE	4011076	161
TU-2150	FWD	4010915	4013515	2600 MU-1386	4010921 metE	metE	4011076	155
TU-2151	FWD	4010915	4013515	2600 MU-1386	4010925 metE	metE	4011076	151
TU-2152	FWD	4010915	4013515	2600 MU-1386	4010930 metE	metE	4011076	146
TU-2153	FWD	4010915	4013515	2600 MU-1386	4010939 metE	metE	4011076	137
TU-2154	FWD	4010915	4013515	2600 MU-1386	4010946 metE	metE	4011076	130
TU-2155	FWD	4010915	4013515	2600 MU-1386	4010954 metE	metE	4011076	122
TU-2156	FWD	4010915	4013515	2600 MU-1386	4011033 metE	metE	4011076	43
TU-2157	FWD	4010915	4013515	2600 MU-1386	4011040 metE	metE	4011076	36
TU-2158	FWD	4010915	4013515	2600 MU-1386	4011050 metE	metE	4011076	26
TU-2159	FWD	4010915	4013515	2600 MU-1386	4011057 metE	metE	4011076	19
TU-2160	FWD	4014040	4016465	2425 MU-1387	4014410 udp;rmuC	udp	4014454	44
TU-2161	FWD	4014040	4016465	2425 MU-1387	4014418 udp;rmuC	udp	4014454	36
TU-2162	FWD	4014040	4016465	2425 MU-1387	4014427 udp;rmuC	udp	4014454	27
TU-2163	FWD	4016590	4019940	3350 MU-1388	4016743 ubiE;yigP;ubiB	ubiE	4016878	135
TU-2164	FWD	4019965	4022440	2475 MU-1389	4019890 tatA;tatB;tatC;tatD	tatA	4019968	78
TU-2165	FWD	4019965	4022440	2475 MU-1389	4019932 tatA;tatB;tatC;tatD	tatA	4019968	36
TU-2166	FWD	4019965	4022440	2475 MU-1389	4019999 tatA;tatB;tatC;tatD	tatA	4019968	-31
TU-2167	FWD	4022865	4025690	2825 MU-1390	4022835 ubiD;fre	ubiD	4023011	176
TU-2168	FWD	4022865	4025690	2825 MU-1390	4022995 ubiD;fre	ubiD	4023011	16
TU-2169	FWD	4029117	4033192	4075 MU-1391;MU-1392	4029153 pepQ;yigZ;trkH;hemG	pepQ	4029184	31
TU-2170	FWD	4029117	4033192	4075 MU-1391;MU-1392	4029161 pepQ;yigZ;trkH;hemG	pepQ	4029184	23
TU-2171	FWD	4031142	4033192	2050 MU-1392	4031257 trkH;hemG	trkH	4031168	-89
TU-2172	FWD	4031142	4033192	2050 MU-1392	4031295 trkH;hemG	trkH	4031168	-127
TU-2173	FWD	4033217	4038670	5453 MU-1393	4033095 rrsA;ileT;alaT;rrlA;rrfA	rrsA	4033554	459
TU-2174	FWD	4040095	4040420	325 MU-1394	4040070 yihD	yihD	4040092	22
TU-2175	FWD	4040445	4041350	905 MU-1395	4040414 rdoA	rdoA	4040438	24
TU-2176	FWD	4041375	4042050	675 MU-1396	4041400 dsbA	dsbA	4041441	41
TU-2177	FWD	4041375	4042050	675 MU-1396	4041406 dsbA	dsbA	4041441	35
TU-2178	FWD	4042222	4043652	1430 MU-1397	yihF	yihF	4042222	
TU-2179	FWD	4044881	4047756	2875 MU-1398	4044962 polA	polA	4044989	27
TU-2180	FWD	4047806	4048031	225 MU-1399	4047922 spf	spf	4047922	0
TU-2181	FWD	4049006	4049256	250 MU-1400	4049059 csrC	csrC	4049059	0
TU-2182	FWD	4049356	4051656	2300 MU-1401	4049330 yihI;hemN	yihI	4049370	40

TU-2183	FWD	4056306	4058231	1925 MU-1402	4056196 typA	typA	4056430	234
TU-2184	FWD	4056306	4058231	1925 MU-1402	4056241 typA	typA	4056430	189
TU-2185	FWD	4056306	4058231	1925 MU-1402	4056270 typA	typA	4056430	160
TU-2186	FWD	4056306	4058231	1925 MU-1402	4056298 typA	typA	4056430	132
TU-2187	FWD	4056306	4058231	1925 MU-1402	4056405 typA	typA	4056430	25
TU-2188	FWD	4058470	4060168	1698 MU-1403	4058442 yihL;yihM	yihL	4058470	28
TU-2189	FWD	4059188	4060168	980 MU-1404	4059011 yihM	yihM	4059188	177
TU-2190	FWD	4060270	4061535	1265 MU-1405	yihN	yihN	4060270	
TU-2191	FWD	4071783	4076458	4675 MU-1406;MU-1407	4071765 yihV;yihW;yihX;yihY;dtd;yiiD	yihV	4071762	-3
TU-2192	FWD	4073908	4076458	2550 MU-1407	4073552 yihX;yihY;dtd;yiiD	yihX	4073576	24
TU-2193	FWD	4077320	4077532	212 MU-1408	yiiE	yiiE	4077320	
TU-2194	FWD	4077774	4077992	218 MU-1409	4077718 yiiF	yiiF	4077774	56
TU-2195	FWD	4084008	4084808	800 MU-1410	4083961 fdhD	fdhD	4084039	78
TU-2196	FWD	4085025	4086080	1055 MU-1411	yiiG	yiiG	4085025	
TU-2197	FWD	4095759	4097517	1758 MU-1412	4095703 rhaS;rhaR	rhaS	4095759	56
TU-2198	FWD	4095759	4097517	1758 MU-1412	4095774 rhaS;rhaR	rhaS	4095759	-15
TU-2199	FWD	4098795	4100670	1875 MU-1413	4098782 sodA;kdgT	sodA	4098833	51
TU-2200	FWD	4098795	4100670	1875 MU-1413	4098787 sodA;kdgT	sodA	4098833	46
TU-2201	FWD	4098795	4100670	1875 MU-1413	4098818 sodA;kdgT	sodA	4098833	15
TU-2202	FWD	4098795	4100670	1875 MU-1413	4098831 sodA;kdgT	sodA	4098833	2
TU-2203	FWD	4100845	4101595	750 MU-1414	4100809 yiiM	yiiM	4100845	36
TU-2204	FWD	4100845	4101595	750 MU-1414	4100821 yiiM	yiiM	4100845	24
TU-2205	FWD	4100845	4101595	750 MU-1414	4100823 yiiM	yiiM	4100845	22
TU-2206	FWD	4103820	4104370	550 MU-1415	4103808 cpxP	cpxP	4103843	35
TU-2207	FWD	4104495	4105420	925 MU-1416	4104313 fieF	fieF	4104492	179
TU-2208	FWD	4104495	4105420	925 MU-1416	4104353 fieF	fieF	4104492	139
TU-2209	FWD	4104495	4105420	925 MU-1416	4104472 fieF	fieF	4104492	20
TU-2210	FWD	4105445	4106695	1250 MU-1417	4105495 pfkA	pfkA	4105575	80
TU-2211	FWD	4105445	4106695	1250 MU-1417	4105542 pfkA	pfkA	4105575	33
TU-2212	FWD	4105445	4106695	1250 MU-1417	4105548 pfkA	pfkA	4105575	27
TU-2213	FWD	4105445	4106695	1250 MU-1417	4105554 pfkA	pfkA	4105575	21
TU-2214	FWD	4105445	4106695	1250 MU-1417	4105562 pfkA	pfkA	4105575	13
TU-2215	FWD	4106820	4107820	1000 MU-1418	4106828 sbp	sbp	4106857	29
TU-2216	FWD	4107998	4108648	650 MU-1419	cdh	cdh	4107953	
TU-2217	FWD	4110098	4110748	650 MU-1420	4110278 yiiR	yiiR	4110338	60
TU-2218	FWD	4110873	4111773	900 MU-1421	4110750 yiiS;uspD	yiiS	4110990	240
TU-2219	FWD	4110873	4111773	900 MU-1421	4110954 yiiS;uspD	yiiS	4110990	36
TU-2220	FWD	4116373	4116973	600 MU-1422	4116450 yiiU	yiiU	4116538	88
TU-2221	FWD	4116373	4116973	600 MU-1422	4116458 yiiU	yiiU	4116538	80
TU-2222	FWD	4116373	4116973	600 MU-1422	4116467 yiiU	yiiU	4116538	71
TU-2223	FWD	4116373	4116973	600 MU-1422	4116471 yiiU	yiiU	4116538	67
TU-2224	FWD	4116373	4116973	600 MU-1422	4116502 yiiU	yiiU	4116538	36
TU-2225	FWD	4116373	4116973	600 MU-1422	4116519 yiiU	yiiU	4116538	19
TU-2226	FWD	4116373	4116973	600 MU-1422	4116526 yiiU	yiiU	4116538	12
TU-2227	FWD	4120423	4120548	125 MU-1423	4120392 NT			
TU-2228	FWD	4124898	4125248	350 MU-1424	4124936 rpmE	rpmE	4125036	100

TU-2229	FWD	4124898	4125248	350 MU-1424	4124969 rpmE	rpmE	4125036	67
TU-2230	FWD	4124898	4125248	350 MU-1424	4124975 rpmE	rpmE	4125036	61
TU-2231	FWD	4126673	4130348	3675 MU-1425	4126658 metB;metL	metB	4126695	37
TU-2232	FWD	4130598	4131723	1125 MU-1426	4130573 metF	metF	4130639	66
TU-2233	FWD	4130598	4131723	1125 MU-1426	4130610 metF	metF	4130639	29
TU-2234	FWD	4131773	4134373	2600 MU-1427	4131813 katG	katG	4131858	45
TU-2235	FWD	4131773	4134373	2600 MU-1427	4131817 katG	katG	4131858	41
TU-2236	FWD	4131773	4134373	2600 MU-1427	4131823 katG	katG	4131858	35
TU-2237	FWD	4131773	4134373	2600 MU-1427	4131834 katG	katG	4131858	24
TU-2238	FWD	4134131	4135036	905 MU-1428	yijE	yijE	4134131	
TU-2239	FWD	4140553	4145502	4949 MU-1429	frwC;frwB;pflD;pflC;frwD	frwC	4140553	
TU-2240	FWD	4148473	4149398	925 MU-1430	4148383 NT			
TU-2241	FWD	4151198	4151773	575 MU-1431	4151359 NT			
TU-2242	FWD	4152948	4156423	3475 MU-1432	4152908 argC;argB;argH	argC	4153024	116
TU-2243	FWD	4152948	4156423	3475 MU-1432	4153001 argC;argB;argH	argC	4153024	23
TU-2244	FWD	4156498	4157323	825 MU-1433	4156479 oxyR	oxyR	4156513	34
TU-2245	FWD	4156498	4157323	825 MU-1433	4156517 oxyR	oxyR	4156513	-4
TU-2246	FWD	4159110	4160385	1275 MU-1434	4159102 fabR;yijD	fabR	4159147	45
TU-2247	FWD	4159110	4160385	1275 MU-1434	4159117 fabR;yijD	fabR	4159147	30
TU-2248	FWD	4161435	4164385	2950 MU-1435;MU-1436	4161428 btuB;murI	btuB	4161662	234
TU-2249	FWD	4163360	4164385	1025 MU-1436	4163423 murI	murI	4163451	28
TU-2250	FWD	4164410	4169785	5375 MU-1437	4164242 rrsB;glT;rrlB;rrfB	rrsB	4164682	440
TU-2251	FWD	4169960	4172035	2075 MU-1438	4170057 murB;birA	murB	4170080	23
TU-2252	FWD	4173285	4175260	1975 MU-1439	4173311 thrU;tyrU;glyT;thrT;tufB	thrU	4173411	100
TU-2253	FWD	4173285	4175260	1975 MU-1439	4173411 thrU;tyrU;glyT;thrT;tufB	thrU	4173411	0
TU-2254	FWD	4175285	4176335	1050 MU-1440	4175236 secE;nusG	secE	4175381	145
TU-2255	FWD	4175285	4176335	1050 MU-1440	4175269 secE;nusG	secE	4175381	112
TU-2256	FWD	4175285	4176335	1050 MU-1440	4175319 secE;nusG	secE	4175381	62
TU-2257	FWD	4176360	4187589	11229 MU-1441;MU-1442;MU-1443	4176380 rplK;rplA;rplJ;rplL;rpoB;rpoC	rplK	4176470	90
TU-2258	FWD	4176360	4187589	11229 MU-1441;MU-1442;MU-1443	4176412 rplK;rplA;rplJ;rplL;rpoB;rpoC	rplK	4176470	58
TU-2259	FWD	4177560	4187589	10029 MU-1442;MU-1443	4177606 rplJ;rplL;rpoB;rpoC	rplJ	4178019	413
TU-2260	FWD	4177560	4187589	10029 MU-1442;MU-1443	4177645 rplJ;rplL;rpoB;rpoC	rplJ	4178019	374
TU-2261	FWD	4177560	4187589	10029 MU-1442;MU-1443	4177802 rplJ;rplL;rpoB;rpoC	rplJ	4178019	217
TU-2262	FWD	4177560	4187589	10029 MU-1442;MU-1443	4177842 rplJ;rplL;rpoB;rpoC	rplJ	4178019	177
TU-2263	FWD	4177560	4187589	10029 MU-1442;MU-1443	4177902 rplJ;rplL;rpoB;rpoC	rplJ	4178019	117
TU-2264	FWD	4177560	4187589	10029 MU-1442;MU-1443	4177941 rplJ;rplL;rpoB;rpoC	rplJ	4178019	78
TU-2265	FWD	4179035	4187589	8554 MU-1443	4179085 rpoB;rpoC	rpoB	4179268	183
TU-2266	FWD	4179035	4187589	8554 MU-1443	4179145 rpoB;rpoC	rpoB	4179268	123
TU-2267	FWD	4179035	4187589	8554 MU-1443	4179160 rpoB;rpoC	rpoB	4179268	108
TU-2268	FWD	4179035	4187589	8554 MU-1443	4179201 rpoB;rpoC	rpoB	4179268	67
TU-2269	FWD	4187809	4188348	539 MU-1444	4187644 yjaZ	yjaZ	4187809	165
TU-2270	FWD	4194749	4197524	2775 MU-1445;MU-1446;MU-1447	4194721 nudC;hemE;nfi	nudC	4194926	205
TU-2271	FWD	4194749	4197524	2775 MU-1445;MU-1446;MU-1447	4194727 nudC;hemE;nfi	nudC	4194926	199
TU-2272	FWD	4195574	4197524	1950 MU-1446;MU-1447	4195715 hemE;nfi	hemE	4195739	24
TU-2273	FWD	4195574	4197524	1950 MU-1446;MU-1447	4195747 hemE;nfi	hemE	4195739	-8
TU-2274	FWD	4196924	4197524	600 MU-1447	4196733 nfi	nfi	4196813	80

TU-2275	FWD	4197549	4198124	575 MU-1448	4197503 yjaG	yjaG	4197527	24
TU-2276	FWD	4198149	4199324	1175 MU-1449	4198163 hupA;yjaH	hupA	4198304	141
TU-2277	FWD	4198149	4199324	1175 MU-1449	4198199 hupA;yjaH	hupA	4198304	105
TU-2278	FWD	4199949	4201099	1150 MU-1450	4199842 zraS	zraS	4199949	107
TU-2279	FWD	4201274	4202599	1325 MU-1451	4201161 zraR	zraR	4201343	182
TU-2280	FWD	4201274	4202599	1325 MU-1451	4201236 zraR	zraR	4201343	107
TU-2281	FWD	4205800	4211177	5377 MU-1452	4205995 rrsE;gltV;rrlE;rrfE	rrsE	4206170	175
TU-2282	FWD	4211257	4211640	383 MU-1453	yjaA	yjaA	4211257	
TU-2283	FWD	4212227	4213252	1025 MU-1454	4212258 metA	metA	4212303	45
TU-2284	FWD	4212227	4213252	1025 MU-1454	4212274 metA	metA	4212303	29
TU-2285	FWD	4213452	4218602	5150 MU-1455;MU-1456	4213427 aceB;aceA;aceK	aceB	4213501	74
TU-2286	FWD	4213452	4218602	5150 MU-1455;MU-1456	4213455 aceB;aceA;aceK	aceB	4213501	46
TU-2287	FWD	4216552	4218602	2050 MU-1456	4216684 aceK	aceK	4216619	-65
TU-2288	FWD	4216552	4218602	2050 MU-1456	4216688 aceK	aceK	4216619	-69
TU-2289	FWD	4221832	4225507	3675 MU-1457	4221807 metH	metH	4221851	44
TU-2290	FWD	4221832	4225507	3675 MU-1457	4221810 metH	metH	4221851	41
TU-2291	FWD	4225657	4227382	1725 MU-1458	4225603 yjbB	yjbB	4225754	151
TU-2292	FWD	4225657	4227382	1725 MU-1458	4225625 yjbB	yjbB	4225754	129
TU-2293	FWD	4228382	4229283	901 MU-1459	4228359 rluF	rluF	4228377	18
TU-2294	FWD	4231608	4233558	1950 MU-1460	4231740 pgi	pgi	4231781	41
TU-2295	FWD	4231608	4233558	1950 MU-1460	4231744 pgi	pgi	4231781	37
TU-2296	FWD	4231608	4233558	1950 MU-1460	4231747 pgi	pgi	4231781	34
TU-2297	FWD	4231608	4233558	1950 MU-1460	4231755 pgi	pgi	4231781	26
TU-2298	FWD	4231608	4233558	1950 MU-1460	4231763 pgi	pgi	4231781	18
TU-2299	FWD	4234033	4237583	3550 MU-1461	4233961 yjbE;yjbF;yjbG;yjbH	yjbE	4233929	-32
TU-2300	FWD	4238333	4239233	900 MU-1462	4238446 psiE	psiE	4238348	-98
TU-2301	FWD	4244834	4248459	3625 MU-1463	4245009 malK;lambB;malM	malK	4244807	-202
TU-2302	FWD	4248726	4250306	1580 MU-1464	4248736 yjbI	yjbI	4248726	-10
TU-2303	FWD	4250434	4251959	1525 MU-1465	4250505 ubiC;ubiA	ubiC	4250529	24
TU-2304	FWD	4254492	4255092	600 MU-1466	4254480 dgkA	dgkA	4254660	180
TU-2305	FWD	4254492	4255092	600 MU-1466	4254510 dgkA	dgkA	4254660	150
TU-2306	FWD	4255142	4255667	525 MU-1467	4255110 lexA	lexA	4255138	28
TU-2307	FWD	4256117	4257117	1000 MU-1468	dinF	dinF	4255765	
TU-2308	FWD	4257242	4257442	200 MU-1469	4257202 yjbJ	yjbJ	4257260	58
TU-2309	FWD	4258344	4259329	985 MU-1470	4258190 yjbL;yjbM	yjbL	4258344	154
TU-2310	FWD	4259567	4261117	1550 MU-1471	4259493 dusA;pspG	dusA	4259737	244
TU-2311	FWD	4259567	4261117	1550 MU-1471	4259617 dusA;pspG	dusA	4259737	120
TU-2312	FWD	4262342	4264792	2450 MU-1472	4262309 dnaB;alr	dnaB	4262337	28
TU-2313	FWD	4265117	4266317	1200 MU-1473	4265105 tyrB	tyrB	4265137	32
TU-2314	FWD	4267417	4267942	525 MU-1474	4267378 aphA	aphA	4267437	59
TU-2315	FWD	4268267	4269367	1100 MU-1475	4268237 yjbQ;yjbR	yjbQ	4268261	24
TU-2316	FWD	4268267	4269367	1100 MU-1475	4268243 yjbQ;yjbR	yjbQ	4268261	18
TU-2317	FWD	4272067	4272967	900 MU-1476	4272113 ssb	ssb	4272148	35
TU-2318	FWD	4272067	4272967	900 MU-1476	4272121 ssb	ssb	4272148	27
TU-2319	FWD	4272067	4272967	900 MU-1476	4272127 ssb	ssb	4272148	21
TU-2320	FWD	4273442	4275092	1650 MU-1477	4273426 yjcC	yjcC	4273494	68

TU-2321	FWD	4275492	4275942	450 MU-1478	4275329 soxR	soxR	4275492	163
TU-2322	FWD	4275492	4275942	450 MU-1478	4275468 soxR	soxR	4275492	24
TU-2323	FWD	4276367	4277842	1475 MU-1479	4276331 yjcD	yjcD	4276502	171
TU-2324	FWD	4276367	4277842	1475 MU-1479	4276341 yjcD	yjcD	4276502	161
TU-2325	FWD	4277967	4279592	1625 MU-1480	4277939 yjcE	yjcE	4278003	64
TU-2326	FWD	4285787	4292162	6375 MU-1481	4285433 nrfA;nrfB;nrfC;nrfD;nrfE;nrfF;nrfG	nrfA	4285787	354
TU-2327	FWD	4285787	4292162	6375 MU-1481	4285560 nrfA;nrfB;nrfC;nrfD;nrfE;nrfF;nrfG	nrfA	4285787	227
TU-2328	FWD	4292418	4294443	2025 MU-1482	4292398 gltP	gltP	4292504	106
TU-2329	FWD	4292418	4294443	2025 MU-1482	4292518 gltP	gltP	4292504	-14
TU-2330	FWD	4304943	4305168	225 MU-1483	4304901 NT			
TU-2331	FWD	4311369	4311819	450 MU-1484	4311281 rpiB	rpiB	4311373	92
TU-2332	FWD	4311369	4311819	450 MU-1484	4311290 rpiB	rpiB	4311373	83
TU-2333	FWD	4311369	4311819	450 MU-1484	4311337 rpiB	rpiB	4311373	36
TU-2334	FWD	4311894	4312394	500 MU-1485	4311869 yjdP	yjdP	4311891	22
TU-2335	FWD	4325269	4327544	2275 MU-1486;MU-1487	4325082 yjdA;yjcZ	yjdA	4325158	76
TU-2336	FWD	4325269	4327544	2275 MU-1486;MU-1487	4325135 yjdA;yjcZ	yjdA	4325158	23
TU-2337	FWD	4327194	4327544	350 MU-1487	4327165 yjcZ	yjcZ	4327383	218
TU-2338	FWD	4328369	4330319	1950 MU-1488	4328343 proP	proP	4328525	182
TU-2339	FWD	4328369	4330319	1950 MU-1488	4328375 proP	proP	4328525	150
TU-2340	FWD	4328369	4330319	1950 MU-1488	4328415 proP	proP	4328525	110
TU-2341	FWD	4328369	4330319	1950 MU-1488	4328430 proP	proP	4328525	95
TU-2342	FWD	4339944	4342944	3000 MU-1489	4339847 melA;melB	melA	4339934	87
TU-2343	FWD	4339944	4342944	3000 MU-1489	4339910 melA;melB	melA	4339934	24
TU-2344	FWD	4349848	4350473	625 MU-1490	4349836 yjdI;yjdJ	yjdI	4349866	30
TU-2345	FWD	4350607	4351104	497 MU-1491	yjdK;yjdO	yjdK	4350607	
TU-2346	FWD	4359499	4359674	175 MU-1492	4359542 NT			
TU-2347	FWD	4366174	4366349	175 MU-1493	4366136 NT			
TU-2348	FWD	4366649	4367524	875 MU-1494	4366642 fxsA	fxsA	4366687	45
TU-2349	FWD	4368599	4370724	2125 MU-1495;MU-1496	4368639 groS;groL	groS	4368711	72
TU-2350	FWD	4368599	4370724	2125 MU-1495;MU-1496	4368675 groS;groL	groS	4368711	36
TU-2351	FWD	4368999	4370724	1725 MU-1496	4368639 groL	groL	4369048	409
TU-2352	FWD	4368999	4370724	1725 MU-1496	4368675 groL	groL	4369048	373
TU-2353	FWD	4368999	4370724	1725 MU-1496	4368682 groL	groL	4369048	366
TU-2354	FWD	4368999	4370724	1725 MU-1496	4368715 groL	groL	4369048	333
TU-2355	FWD	4368999	4370724	1725 MU-1496	4368920 groL	groL	4369048	128
TU-2356	FWD	4368999	4370724	1725 MU-1496	4368932 groL	groL	4369048	116
TU-2357	FWD	4368999	4370724	1725 MU-1496	4368981 groL	groL	4369048	67
TU-2358	FWD	4368999	4370724	1725 MU-1496	4368990 groL	groL	4369048	58
TU-2359	FWD	4370774	4371574	800 MU-1497	4370784 yjeI	yjeI	4370832	48
TU-2360	FWD	4373624	4374299	675 MU-1498	4373678 efp	efp	4373722	44
TU-2361	FWD	4374349	4374474	125 MU-1499	ecnA	ecnA	4374340	
TU-2362	FWD	4374549	4374774	225 MU-1500	4374533 ecnB	ecnB	4374576	43
TU-2363	FWD	4374799	4375249	450 MU-1501	4374822 sugE	sugE	4374898	76
TU-2364	FWD	4380549	4381599	1050 MU-1502	4380464 poxA	poxA	4380666	202
TU-2365	FWD	4380549	4381599	1050 MU-1502	4380642 poxA	poxA	4380666	24
TU-2366	FWD	4381862	4384041	2179 MU-1503	yjeM;yjeN;yjeO	yjeM	4381862	

TU-2367	FWD	4389625	4390276	651 MU-1504	4389584 orn	orn	4389627	43
TU-2368	FWD	4389625	4390276	651 MU-1504	4389592 orn	orn	4389627	35
TU-2369	FWD	4389625	4390276	651 MU-1504	4389598 orn	orn	4389627	29
TU-2370	FWD	4390302	4390727	425 MU-1505	4390242 glyV;glyX;glyY	glyV	4390383	141
TU-2371	FWD	4391727	4402308	10581 MU-1506;MU-1507;MU-1508;MU-1509;MU-1510	4391699 yjeF;yjeE;amiB;mutL;miaA;hfq;hflX;hflK;hflC	yjeF	4392089	390
TU-2372	FWD	4391727	4402308	10581 MU-1506;MU-1507;MU-1508;MU-1509;MU-1510	4391960 yjeF;yjeE;amiB;mutL;miaA;hfq;hflX;hflK;hflC	yjeF	4392089	129
TU-2373	FWD	4391727	4402308	10581 MU-1506;MU-1507;MU-1508;MU-1509;MU-1510	4392051 yjeF;yjeE;amiB;mutL;miaA;hfq;hflX;hflK;hflC	yjeF	4392089	38
TU-2374	FWD	4393302	4402308	9006 MU-1507;MU-1508;MU-1509;MU-1510	4393183 yjeE;amiB;mutL;miaA;hfq;hflX;hflK;hflC	yjeE	4393608	425
TU-2375	FWD	4395127	4402308	7181 MU-1508;MU-1509;MU-1510	4395239 mutL;miaA;hfq;hflX;hflK;hflC	mutL	4395435	196
TU-2376	FWD	4397402	4402308	4906 MU-1509;MU-1510	4396973 miaA;hfq;hflX;hflK;hflC	miaA	4397275	302
TU-2377	FWD	4397402	4402308	4906 MU-1509;MU-1510	4397075 miaA;hfq;hflX;hflK;hflC	miaA	4397275	200
TU-2378	FWD	4397402	4402308	4906 MU-1509;MU-1510	4397246 miaA;hfq;hflX;hflK;hflC	miaA	4397275	29
TU-2379	FWD	4397402	4402308	4906 MU-1509;MU-1510	4397315 miaA;hfq;hflX;hflK;hflC	miaA	4397275	-40
TU-2380	FWD	4397402	4402308	4906 MU-1509;MU-1510	4397421 miaA;hfq;hflX;hflK;hflC	miaA	4397275	-146
TU-2381	FWD	4398258	4402308	4050 MU-1510	4398256 hfq;hflX;hflK;hflC	hfq	4398311	55
TU-2382	FWD	4398258	4402308	4050 MU-1510	4398275 hfq;hflX;hflK;hflC	hfq	4398311	36
TU-2383	FWD	4402533	4402608	75 MU-1511	4402337 yjeT	yjeT	4402409	72
TU-2384	FWD	4402533	4402608	75 MU-1511	4402348 yjeT	yjeT	4402409	61
TU-2385	FWD	4402708	4404008	1300 MU-1512	4402683 purA	purA	4402710	27
TU-2386	FWD	4402708	4404008	1300 MU-1512	4402688 purA	purA	4402710	22
TU-2387	FWD	4404058	4404133	75 MU-1513	4403905 NT			
TU-2388	FWD	4404058	4404133	75 MU-1513	4403916 NT			
TU-2389	FWD	4404183	4407933	3750 MU-1514;MU-1515	4404175 nsrR;rnr;rlmB	nsrR	4404213	38
TU-2390	FWD	4407258	4407933	675 MU-1515	4407240 rlmB	rlmB	4407298	58
TU-2391	FWD	4407258	4407933	675 MU-1515	4407246 rlmB	rlmB	4407298	52
TU-2392	FWD	4408156	4409274	1118 MU-1516	4407962 yjfI;yjfJ	yjfI	4408156	194
TU-2393	FWD	4409325	4412214	2889 MU-1517	4409333 yjfK;yjfL;yjfM;yjfC	yjfK	4409325	-8
TU-2394	FWD	4412295	4413970	1675 MU-1518	4412272 aidB	aidB	4412298	26
TU-2395	FWD	4414995	4415645	650 MU-1519	4414959 yjfP	yjfP	4414975	16
TU-2396	FWD	4418003	4422409	4406 MU-1520	ulaA;ulaB;ulaC;ulaD;ulaE;ulaF	ulaA	4418003	
TU-2397	FWD	4422920	4424570	1650 MU-1521	4423048 rpsF;priB;rpsR;rplI	rpsF	4423141	93
TU-2398	FWD	4422920	4424570	1650 MU-1521	4423050 rpsF;priB;rpsR;rplI	rpsF	4423141	91
TU-2399	FWD	4425145	4425170	25 MU-1522	4424995 NT			
TU-2400	FWD	4425717	4426118	401 MU-1523	ytfA	ytfA	4425717	
TU-2401	FWD	4426870	4427570	700 MU-1524	4426887 fklB	fklB	4426958	71
TU-2402	FWD	4426870	4427570	700 MU-1524	4426894 fklB	fklB	4426958	64
TU-2403	FWD	4426870	4427570	700 MU-1524	4426931 fklB	fklB	4426958	27
TU-2404	FWD	4427795	4428945	1150 MU-1525	4427835 cycA	cycA	4427887	52
TU-2405	FWD	4428970	4429870	900 MU-1526	4428853 NT			
TU-2406	FWD	4428970	4429870	900 MU-1526	4429034 NT			
TU-2407	FWD	4428970	4429870	900 MU-1526	4429105 NT			
TU-2408	FWD	4432145	4432845	700 MU-1527	4432106 ytfH	ytfH	4432136	30

TU-2409	FWD	4434620	4435570	950 MU-1528	4434587 cysQ	cysQ	4434778	191
TU-2410	FWD	4434620	4435570	950 MU-1528	4434590 cysQ	cysQ	4434778	188
TU-2411	FWD	4434620	4435570	950 MU-1528	4434600 cysQ	cysQ	4434778	178
TU-2412	FWD	4435730	4436668	938 MU-1529	ytfI	ytfI	4435730	
TU-2413	FWD	4437170	4437470	300 MU-1530	4437157 NT			
TU-2414	FWD	4437496	4438096	600 MU-1531	4437534 ytfK	ytfK	4437610	76
TU-2415	FWD	4437496	4438096	600 MU-1531	4437536 ytfK	ytfK	4437610	74
TU-2416	FWD	4437496	4438096	600 MU-1531	4437667 ytfK	ytfK	4437610	-57
TU-2417	FWD	4440222	4446247	6025 MU-1532	4440245 ytfM;ytfN;ytfP	ytfM	4440405	160
TU-2418	FWD	4440222	4446247	6025 MU-1532	4440274 ytfM;ytfN;ytfP	ytfM	4440405	131
TU-2419	FWD	4440222	4446247	6025 MU-1532	4440298 ytfM;ytfN;ytfP	ytfM	4440405	107
TU-2420	FWD	4440222	4446247	6025 MU-1532	4440313 ytfM;ytfN;ytfP	ytfM	4440405	92
TU-2421	FWD	4446472	4447197	725 MU-1533	4446453 chpS;chpB	chpS	4446470	17
TU-2422	FWD	4447947	4452772	4825 MU-1534	4447938 ytfQ;ytfR;ytfT;yjff	ytfQ	4447985	47
TU-2423	FWD	4447947	4452772	4825 MU-1534	4447946 ytfQ;ytfR;ytfT;yjff	ytfQ	4447985	39
TU-2424	FWD	4453797	4455297	1500 MU-1535	4453785 mpl	mpl	4453808	23
TU-2425	FWD	4455997	4457847	1850 MU-1536;MU-1537	4455967 pmbA;cybC	pmbA	4455982	15
TU-2426	FWD	4457397	4457847	450 MU-1537	4457596 cybC	cybC	4457513	-83
TU-2427	FWD	4465406	4468660	3254 MU-1538;MU-1539	4465385 mgtA;NT	mgtA	4465648	263
TU-2428	FWD	4465406	4468660	3254 MU-1538;MU-1539	4465514 mgtA;NT	mgtA	4465648	134
TU-2429	FWD	4465406	4468660	3254 MU-1538;MU-1539	4465552 mgtA;NT	mgtA	4465648	96
TU-2430	FWD	4467510	4468660	1150 MU-1539	4467531 NT			
TU-2431	FWD	4472160	4472785	625 MU-1540	4472119 yjgJ	yjgJ	4472147	28
TU-2432	FWD	4472160	4472785	625 MU-1540	4472123 yjgJ	yjgJ	4472147	24
TU-2433	FWD	4472885	4473360	475 MU-1541	4472852 yjgK	yjgK	4472885	33
TU-2434	FWD	4473460	4475274	1814 MU-1542	4473418 yjgL	yjgL	4473460	42
TU-2435	FWD	4475235	4475410	175 MU-1543	4475183 NT			
TU-2436	FWD	4476435	4477010	575 MU-1544	4476468 rraB	rraB	4476496	28
TU-2437	FWD	4477753	4478949	1196 MU-1545	yjgN	yjgN	4477753	
TU-2438	FWD	4484013	4486338	2325 MU-1546	4484153 yjgP;yjgQ	yjgP	4484241	88
TU-2439	FWD	4492763	4493163	400 MU-1547	4492620 idnK	idnK	4492646	26
TU-2440	FWD	4494438	4494513	75 MU-1548	4494428 leuX	leuX	4494428	0
TU-2441	FWD	4494563	4495888	1325 MU-1549	4494472 intB	intB	4494698	226
TU-2442	FWD	4496038	4498088	2050 MU-1550	4496128 insC;insD	insC	4496295	167
TU-2443	FWD	4499283	4499612	329 MU-1551	yjgZ	yjgZ	4499283	
TU-2444	FWD	4502438	4504163	1725 MU-1552	4501862 yjhB;yjhC;ythA	yjhB	4502081	219
TU-2445	FWD	4502438	4504163	1725 MU-1552	4501907 yjhB;yjhC;ythA	yjhB	4502081	174
TU-2446	FWD	4504988	4505388	400 MU-1553	yjhE;insO	yjhE	4504884	
TU-2447	FWD	4505538	4506163	625 MU-1554	4505417 NT			
TU-2448	FWD	4507063	4507888	825 MU-1555	4506976 insO;yjhV	insO	4507032	56
TU-2449	FWD	4516395	4517295	900 MU-1556	4516534 insA;insB	insA	4516550	16
TU-2450	FWD	4518845	4519845	1000 MU-1557	4518966 NT			
TU-2451	FWD	4524020	4524345	325 MU-1558	4524136 NT			
TU-2452	FWD	4526020	4526445	425 MU-1559	4525999 ryjB	ryjB	4526000	1
TU-2453	FWD	4532145	4533145	1000 MU-1560	4532242 NT			
TU-2454	FWD	4532814	4534054	1240 MU-1561	yjhR	yjhR	4532814	

TU-2455	FWD	4534470	4534670	200 MU-1562	4534426 NT				
TU-2456	FWD	4538745	4539520	775 MU-1563	4538709 fimB	fimB	4538980	271	
TU-2457	FWD	4539995	4540545	550 MU-1564	4540073 fimE	fimE	4540060	-13	
TU-2458	FWD	4541046	4547721	6675 MU-1565;MU-1566;MU-1567;MU-1568	4541107 fimA;fimI;fimC;fimD;fimF;fimG;fimH	fimA	4541138	31	
TU-2459	FWD	4542546	4547721	5175 MU-1566;MU-1567;MU-1568	4542527 fimC;fimD;fimF;fimG;fimH	fimC	4542327	-200	
TU-2460	FWD	4544046	4547721	3675 MU-1567;MU-1568	4544032 fimD;fimF;fimG;fimH	fimD	4543119	-913	
TU-2461	FWD	4544046	4547721	3675 MU-1567;MU-1568	4544203 fimD;fimF;fimG;fimH	fimD	4543119	-1084	
TU-2462	FWD	4546971	4547721	750 MU-1568	4546952 fimH	fimH	4546831	-121	
TU-2463	FWD	4548821	4548946	125 MU-1569	4548770 NT				
TU-2464	FWD	4549471	4552371	2900 MU-1570	4549544 uxuA;uxuB	uxuA	4549659	115	
TU-2465	FWD	4552521	4553346	825 MU-1571	4552503 uxuR	uxuR	4552599	96	
TU-2466	FWD	4552521	4553346	825 MU-1571	4552566 uxuR	uxuR	4552599	33	
TU-2467	FWD	4554621	4555371	750 MU-1572	4554785 yjiD	yjiD	4555016	231	
TU-2468	FWD	4558872	4559522	650 MU-1573	kptA	kptA	4558953		
TU-2469	FWD	4561397	4561723	326 MU-1574	4561417 NT				
TU-2470	FWD	4567021	4567941	920 MU-1575	yjiP	yjiP	4567021		
TU-2471	FWD	4567681	4568231	550 MU-1576	4567522 NT				
TU-2472	FWD	4567681	4568231	550 MU-1576	4567539 NT				
TU-2473	FWD	4567681	4568231	550 MU-1576	4567626 NT				
TU-2474	FWD	4567681	4568231	550 MU-1576	4567630 NT				
TU-2475	FWD	4569756	4569856	100 MU-1577	yjiS	yjiS	4569774		
TU-2476	FWD	4570219	4574994	4775 MU-1578	4570182 yjiT;yjiV	yjiT	4570437	255	
TU-2477	FWD	4570219	4574994	4775 MU-1578	4570222 yjiT;yjiV	yjiT	4570437	215	
TU-2478	FWD	4570219	4574994	4775 MU-1578	4570371 yjiT;yjiV	yjiT	4570437	66	
TU-2479	FWD	4570219	4574994	4775 MU-1578	4570385 yjiT;yjiV	yjiT	4570437	52	
TU-2480	FWD	4570219	4574994	4775 MU-1578	4570406 yjiT;yjiV	yjiT	4570437	31	
TU-2481	FWD	4576569	4576694	125 MU-1579	4576539 NT				
TU-2482	FWD	4577895	4578045	150 MU-1580	4577858 symR	symR	4577858	0	
TU-2483	FWD	4584974	4585949	975 MU-1581	4584938 mrr	mrr	4584972	34	
TU-2484	FWD	4584974	4585949	975 MU-1581	4584955 mrr	mrr	4584972	17	
TU-2485	FWD	4589749	4591149	1400 MU-1582	4589656 tsr	tsr	4589680	24	
TU-2486	FWD	4594049	4594924	875 MU-1583	4594170 yjjN	yjjN	4594022	-148	
TU-2487	FWD	4601500	4602860	1360 MU-1584	yjjQ;bgIJ	yjjQ	4601500		
TU-2488	FWD	4603749	4604849	1100 MU-1585	4603800 yjjZ	yjjZ	4603827	27	
TU-2489	FWD	4605824	4609024	3200 MU-1586	4605804 holD;rimI;yjjG;prfC	holD	4605826	22	
TU-2490	FWD	4609174	4610374	1200 MU-1587	4609175 osmY;ytjA	osmY	4609419	244	
TU-2491	FWD	4609174	4610374	1200 MU-1587	4609257 osmY;ytjA	osmY	4609419	162	
TU-2492	FWD	4609174	4610374	1200 MU-1587	4609269 osmY;ytjA	osmY	4609419	150	
TU-2493	FWD	4609174	4610374	1200 MU-1587	4609356 osmY;ytjA	osmY	4609419	63	
TU-2494	FWD	4609174	4610374	1200 MU-1587	4609391 osmY;ytjA	osmY	4609419	28	
TU-2495	FWD	4610424	4612649	2225 MU-1588	4610406 yjjU;yjjV	yjjU	4610434	28	
TU-2496	FWD	4614224	4615274	1050 MU-1589	4614203 NT				
TU-2497	FWD	4615324	4619599	4275 MU-1590;MU-1591	4615133 deoC;deoA;deoB;deoD	deoC	4615346	213	
TU-2498	FWD	4615324	4619599	4275 MU-1590;MU-1591	4615243 deoC;deoA;deoB;deoD	deoC	4615346	103	
TU-2499	FWD	4615324	4619599	4275 MU-1590;MU-1591	4615251 deoC;deoA;deoB;deoD	deoC	4615346	95	

TU-2500	FWD	4615324	4619599	4275 MU-1590;MU-1591	4615300 deoC;deoA;deoB;deoD	deoC	4615346	46
TU-2501	FWD	4615324	4619599	4275 MU-1590;MU-1591	4615316 deoC;deoA;deoB;deoD	deoC	4615346	30
TU-2502	FWD	4617474	4619599	2125 MU-1591	4617590 deoB;deoD	deoB	4617626	36
TU-2503	FWD	4617474	4619599	2125 MU-1591	4617600 deoB;deoD	deoB	4617626	26
TU-2504	FWD	4619799	4620949	1150 MU-1592	4619764 yjjJ	yjjJ	4619792	28
TU-2505	FWD	4622799	4626849	4050 MU-1593;MU-1594	4622879 serB;radA;nadR	serB	4622918	39
TU-2506	FWD	4625249	4626849	1600 MU-1594	4625326 nadR	nadR	4625338	12
TU-2507	FWD	4628724	4630699	1975 MU-1595	4628705 slt	slt	4628756	51
TU-2508	FWD	4628724	4630699	1975 MU-1595	4628733 slt	slt	4628756	23
TU-2509	FWD	4630749	4631274	525 MU-1596	4630721 trpR	trpR	4630783	62
TU-2510	FWD	4630749	4631274	525 MU-1596	4630727 trpR	trpR	4630783	56
TU-2511	FWD	4631724	4632474	750 MU-1597	4631778 ytjC	ytjC	4631820	42
TU-2512	FWD	4631724	4632474	750 MU-1597	4631788 ytjC	ytjC	4631820	32
TU-2513	FWD	4633299	4635724	2425 MU-1598	4633345 creA;creB;creC	creA	4633544	199
TU-2514	FWD	4633299	4635724	2425 MU-1598	4633366 creA;creB;creC	creA	4633544	178
TU-2515	FWD	4633299	4635724	2425 MU-1598	4633418 creA;creB;creC	creA	4633544	126
TU-2516	FWD	4636324	4637449	1125 MU-1599	4636134 creD	creD	4636201	67
TU-2517	FWD	4638493	4638543	50 MU-1600	yjjY	yjjY	4638425	
TU-2518	FWD	4638743	4639618	875 MU-1601	4638666 yjtD	yjtD	4638965	299
TU-2519	REV	5450	6450	1000 MU-1602	6482 yaaA	yaaA	5683	23
TU-2520	REV	6800	8175	1375 MU-1603	8053 yaaJ	yaaJ	6529	94
TU-2521	REV	9975	10475	500 MU-1604	10430 yaaH	yaaH	9928	-64
TU-2522	REV	10826	11226	400 MU-1605	yaaW;yaaI	yaaI	11382	
TU-2523	REV	16201	17176	975 MU-1606	17146 hokC;mokC	mokC	16751	186
TU-2524	REV	19826	20651	825 MU-1607	20599 insB;insA	insA	20233	91
TU-2525	REV	20801	21201	400 MU-1608	21112 rpsT	rpsT	20815	34
TU-2526	REV	20801	21201	400 MU-1608	21118 rpsT	rpsT	20815	40
TU-2527	REV	20801	21201	400 MU-1608	21159 rpsT	rpsT	20815	81
TU-2528	REV	20801	21201	400 MU-1608	21207 rpsT	rpsT	20815	129
TU-2529	REV	34759	36409	1650 MU-1609	36281 caiE;caiD	caiD	35377	11
TU-2530	REV	34759	36409	1650 MU-1609	36358 caiE;caiD	caiD	35377	88
TU-2531	REV	34759	36409	1650 MU-1609	36430 caiE;caiD	caiD	35377	160
TU-2532	REV	34759	36409	1650 MU-1609	36489 caiE;caiD	caiD	35377	219
TU-2533	REV	34759	37684	2925 MU-1609;MU-1610	37942 caiE;caiD;caiC	caiC	36271	103
TU-2534	REV	34759	39909	5150 MU-1609;MU-1610;MU-1611	39918 caiE;caiD;caiC;caiB	caiB	37898	803
TU-2535	REV	34759	41931	7172 MU-1609;MU-1610;MU-1611;MU-1612	caiE;caiD;caiC;caiB;caiA;caiT	caiT	40417	
TU-2536	REV	50384	52034	1650 MU-1613	52034 apaH;apaG	apaG	51229	428
TU-2537	REV	50384	52034	1650 MU-1613	52077 apaH;apaG	apaG	51229	471
TU-2538	REV	50384	52034	1650 MU-1613	52084 apaH;apaG	apaG	51229	478
TU-2539	REV	50384	52659	2275 MU-1613;MU-1614	52595 apaH;apaG;ksgA	ksgA	51609	165
TU-2540	REV	50384	52659	2275 MU-1613;MU-1614	52654 apaH;apaG;ksgA	ksgA	51609	224
TU-2541	REV	50384	55284	4900 MU-1613;MU-1614;MU-1615	55387 apaH;apaG;ksgA;pdxA;surA	surA	53416	685
TU-2542	REV	50384	57384	7000 MU-1613;MU-1614;MU-1615;MU-1616	57156 imp	imp	54755	47

TU-2543	REV	50384	57384	7000 MU-1613;MU-1614;MU-1615;MU-1616	57241 imp	imp	54755	132
TU-2544	REV	50384	57384	7000 MU-1613;MU-1614;MU-1615;MU-1616	57253 imp	imp	54755	144
TU-2545	REV	59659	63559	3900 MU-1617	63357 rluA;hepA	hepA	60358	93
TU-2546	REV	59659	63559	3900 MU-1617	63468 rluA;hepA	hepA	60358	204
TU-2547	REV	59659	63559	3900 MU-1617	63531 rluA;hepA	hepA	60358	267
TU-2548	REV	59659	63559	3900 MU-1617	63588 rluA;hepA	hepA	60358	324
TU-2549	REV	63734	65784	2050 MU-1618	65803 polB	polB	63429	23
TU-2550	REV	66409	70034	3625 MU-1619	70077 araD;araA;araB	araB	68348	29
TU-2551	REV	72084	75859	3775 MU-1620	75664 thiQ;thiP;tbpA;sroA	sroA	75516	56
TU-2552	REV	72084	77359	5275 MU-1620;MU-1621	77336 thiQ;thiP;tbpA;sroA;sgrR	sgrR	75644	37
TU-2553	REV	78734	83759	5025 MU-1622	83728 leuD;leuC;leuB;leuA;leuL	leuL	83622	20
TU-2554	REV	78734	83759	5025 MU-1622	83735 leuD;leuC;leuB;leuA;leuL	leuL	83622	27
TU-2555	REV	111359	112759	1400 MU-1623	112699 yacG;yacF	yacF	111856	100
TU-2556	REV	111359	112759	1400 MU-1623	112703 yacG;yacF	yacF	111856	104
TU-2557	REV	111359	112759	1400 MU-1623	112757 yacG;yacF	yacF	111856	158
TU-2558	REV	111359	113284	1925 MU-1623;MU-1624	113322 yacG;yacF;coaE	coaE	112599	103
TU-2559	REV	114459	117009	2550 MU-1625	117052 hofC;hofB	hofB	115714	-47
TU-2560	REV	117109	117549	440 MU-1626	ppdD	ppdD	117109	
TU-2561	REV	117784	118659	875 MU-1627	118679 nadC	nadC	117752	34
TU-2562	REV	120034	121759	1725 MU-1628	121647 aroP	aroP	120178	96
TU-2563	REV	120034	121759	1725 MU-1628	121676 aroP	aroP	120178	125
TU-2564	REV	122697	122857	160 MU-1629	tp2	tp2	122697	
TU-2565	REV	129407	131260	1853 MU-1630	yacH	yacH	129407	
TU-2566	REV	134796	136546	1750 MU-1631	136550 speD;speE	speE	135598	86
TU-2567	REV	136596	136946	350 MU-1632	136939 yacC	yacC	136570	22
TU-2568	REV	136596	136946	350 MU-1632	136942 yacC	yacC	136570	25
TU-2569	REV	138696	141221	2525 MU-1633	141254 gcd	gcd	138835	29
TU-2570	REV	138696	141221	2525 MU-1633	141263 gcd	gcd	138835	38
TU-2571	REV	141996	142721	725 MU-1634	142694 can	can	142008	24
TU-2572	REV	141996	142721	725 MU-1634	142703 can	can	142008	33
TU-2573	REV	146250	146725	475 MU-1635	146751 panD	panD	146314	57
TU-2574	REV	146250	146725	475 MU-1635	146754 panD	panD	146314	60
TU-2575	REV	147975	149601	1626 MU-1636	149617 panC;panB	panB	148807	16
TU-2576	REV	147975	149601	1626 MU-1636	149630 panC;panB	panB	148807	29
TU-2577	REV	149715	150953	1238 MU-1637	yadC	yadC	149715	
TU-2578	REV	151003	152231	1228 MU-1638	yadK;yadL	yadL	151626	
TU-2579	REV	152243	155426	3183 MU-1639	yadM;htrE	htrE	152829	
TU-2580	REV	155461	156201	740 MU-1640	ecpD	ecpD	155461	
TU-2581	REV	156299	156883	584 MU-1641	yadN	yadN	156299	
TU-2582	REV	157351	159201	1850 MU-1642	159154 folK;pcnB	pcnB	157729	28
TU-2583	REV	157351	159201	1850 MU-1642	159166 folK;pcnB	pcnB	157729	40
TU-2584	REV	157351	159201	1850 MU-1642	159171 folK;pcnB	pcnB	157729	45
TU-2585	REV	159251	160751	1500 MU-1643	160651 yadB;dksA	dksA	160149	47
TU-2586	REV	159251	160751	1500 MU-1643	160657 yadB;dksA	dksA	160149	53

TU-2587	REV	159251	160751	1500 MU-1643	160760 yadB;dksA	dksA	160149	156
TU-2588	REV	160776	162026	1250 MU-1644	162053 sfsA;ligT	ligT	161501	22
TU-2589	REV	167026	167401	375 MU-1645	167416 NT			
TU-2590	REV	173326	174976	1650 MU-1646	174907 hemL	hemL	173602	25
TU-2591	REV	173326	174976	1650 MU-1646	174992 hemL	hemL	173602	110
TU-2592	REV	176951	179151	2200 MU-1647	179181 yadS;btuF;mtn	mtn	178455	28
TU-2593	REV	183607	184207	600 MU-1648	184122 yaeH	yaeH	183709	27
TU-2594	REV	183607	184207	600 MU-1648	184124 yaeH	yaeH	183709	29
TU-2595	REV	184257	185069	812 MU-1649	yaeI	yaeI	184257	
TU-2596	REV	184932	186032	1100 MU-1650	185972 dapD	dapD	185123	25
TU-2597	REV	184932	186032	1100 MU-1650	185976 dapD	dapD	185123	29
TU-2598	REV	184932	186032	1100 MU-1650	186073 dapD	dapD	185123	126
TU-2599	REV	186057	188657	2600 MU-1651	glnD	glnD	185978	
TU-2600	REV	188707	189707	1000 MU-1652	189532 map;glnD	glnD	185978	882
TU-2601	REV	188707	189707	1000 MU-1652	189545 map;glnD	glnD	185978	895
TU-2602	REV	188707	189707	1000 MU-1652	189553 map;glnD	glnD	185978	903
TU-2603	REV	213557	214257	700 MU-1653	214163 rof;yaeP	yaeP	213925	38
TU-2604	REV	216179	217003	824 MU-1654	yaeF	yaeF	216179	
TU-2605	REV	217157	218832	1675 MU-1655	218831 proS	proS	217057	56
TU-2606	REV	218857	220032	1175 MU-1656	220022 yaeB;rcsF	rcsF	219591	27
TU-2607	REV	220082	222682	2600 MU-1657	222714 metQ;metI;metN	metN	221614	69
TU-2608	REV	229962	230862	900 MU-1658	230906 yafC	yafC	229967	25
TU-2609	REV	232612	234062	1450 MU-1659	233980 mltD	mltD	232597	25
TU-2610	REV	234137	234863	726 MU-1660	234821 gloB	gloB	234027	39
TU-2611	REV	235288	236013	725 MU-1661	236044 rnhA	rnhA	235535	42
TU-2612	REV	238257	239102	845 MU-1662	ykfM;yafU	yafU	238746	
TU-2613	REV	239213	240188	975 MU-1663	240216 yafV	yafV	239419	27
TU-2614	REV	240863	243488	2625 MU-1664	243346 fadE	fadE	240859	43
TU-2615	REV	245063	245888	825 MU-1665	245825 yafK	yafK	245065	20
TU-2616	REV	245938	246563	625 MU-1666	246533 yafQ;dinJ	dinJ	246242	31
TU-2617	REV	248363	250088	1725 MU-1667	lfhA	lfhA	248358	
TU-2618	REV	254263	255788	1525 MU-1668	255770 pepD	pepD	254259	54
TU-2619	REV	254263	255788	1525 MU-1668	255776 pepD	pepD	254259	60
TU-2620	REV	254263	255788	1525 MU-1668	255807 pepD	pepD	254259	91
TU-2621	REV	258269	259324	1055 MU-1669	259389 phoE	phoE	258269	65
TU-2622	REV	261739	262364	625 MU-1670	262302 NT			
TU-2623	REV	262374	264767	2393 MU-1671	ykfN;ykfI;yafW;ykfH;ykfG;yafX;ykff	ykff	264528	
TU-2624	REV	264839	265439	600 MU-1672	265294 ykfb	ykfb	264844	-17
TU-2625	REV	265334	266191	857 MU-1673	yafY;ykfL;ykfK	ykfK	266000	
TU-2626	REV	266408	267229	821 MU-1674	yafZ	yafZ	266408	
TU-2627	REV	267339	268239	900 MU-1675	268252 ykfA	ykfA	267321	68
TU-2628	REV	268513	269406	893 MU-1676	perR	perR	268513	
TU-2629	REV	273189	274364	1175 MU-1677	insH	insH	273325	
TU-2630	REV	277089	278414	1325 MU-1678	afuC;afuB	afuB	278038	
TU-2631	REV	278464	279289	825 MU-1679	279354 insB;insA	insA	278824	255
TU-2632	REV	278464	279289	825 MU-1679	279384 insB;insA	insA	278824	285

TU-2633	REV	279314	280014	700 MU-1680	279978 insX;yagB	yagB	279651	19
TU-2634	REV	280053	281207	1154 MU-1681	yagA	yagA	280053	
TU-2635	REV	287515	288440	925 MU-1682	288412 yagI	yagI	287628	26
TU-2636	REV	288490	289540	1050 MU-1683	289564 argF	argF	288525	35
TU-2637	REV	289890	290590	700 MU-1684	290655 insB;insA	insA	290295	85
TU-2638	REV	291546	292172	626 MU-1685	292170 yagK	yagK	291546	-2
TU-2639	REV	292444	294023	1579 MU-1686	yagL;yagM	yagM	293169	
TU-2640	REV	294440	294815	375 MU-1687	294844 yagN	yagN	294363	41
TU-2641	REV	294940	296290	1350 MU-1688	296372 intF	intF	294920	52
TU-2642	REV	296690	301840	5150 MU-1689	301863 yagP;yagQ;yagR;yagS;yagT	yagT	301108	66
TU-2643	REV	303140	303490	350 MU-1690	303428 ykgJ	ykgJ	303077	22
TU-2644	REV	303140	303490	350 MU-1690	303438 ykgJ	ykgJ	303077	32
TU-2645	REV	303665	305590	1925 MU-1691	305654 yagV	yagV	303719	1225
TU-2646	REV	303665	309915	6250 MU-1691;MU-1692	309944 yagV;yagW;yagX;matC;matB	matB	309308	49
TU-2647	REV	309970	310560	590 MU-1693	matA	matA	309970	
TU-2648	REV	311393	311993	600 MU-1694	312027 ykgO;ykgM	ykgM	311738	26
TU-2649	REV	312393	312468	75 MU-1695	312456 NT			
TU-2650	REV	312940	313029	89 MU-1696	ykgP	ykgP	312940	
TU-2651	REV	315293	315668	375 MU-1697	315721 NT			
TU-2652	REV	315293	315668	375 MU-1697	315750 NT			
TU-2653	REV	315710	316393	683 MU-1698	ykgA	ykgA	315710	
TU-2654	REV	316950	317791	841 MU-1699	ykgB;ykgI	ykgI	317555	
TU-2655	REV	318268	319193	925 MU-1700	319257 ykgC	ykgC	317900	32
TU-2656	REV	323920	324588	668 MU-1701	ykgH	ykgH	323920	
TU-2657	REV	324793	328568	3775 MU-1702	328585 betA;betB;betI	betI	327971	27
TU-2658	REV	332893	333668	775 MU-1703	333688 yahB	yahB	332725	31
TU-2659	REV	333749	334246	497 MU-1704	yahC	yahC	333749	
TU-2660	REV	344818	345493	675 MU-1705	345550 yahN	yahN	344890	-11
TU-2661	REV	347318	347643	325 MU-1706	347693 prpR	prpR	346081	26
TU-2662	REV	356718	357893	1175 MU-1707	357932 cynR	cynR	357015	18
TU-2663	REV	356718	357893	1175 MU-1707	357938 cynR	cynR	357015	24
TU-2664	REV	360473	361084	611 MU-1708	lacA	lacA	360473	
TU-2665	REV	361150	362403	1253 MU-1709	lacA;lacY	lacY	361150	
TU-2666	REV	362455	365529	3074 MU-1710	lacA;lacY;lacZ	lacZ	362455	
TU-2667	REV	365702	367727	2025 MU-1711	367754 lacI;mhpR	mhpR	366811	110
TU-2668	REV	376552	377602	1050 MU-1712	377685 frmB	frmB	376759	93
TU-2669	REV	376552	379129	2577 MU-1712;MU-1713	379124 frmB;frmA;frmR	frmR	378830	19
TU-2670	REV	379356	380506	1150 MU-1714	380428 yaiO;yaiX	yaiX	380068	-55
TU-2671	REV	381556	381781	225 MU-1715	NT			
TU-2672	REV	381815	383159	1344 MU-1716	383207 yaiX;yaiP	yaiP	381963	48
TU-2673	REV	383283	383840	557 MU-1717	384055 yaiS	yaiS	383283	215
TU-2674	REV	388036	388961	925 MU-1718	388978 hemB	hemB	387977	27
TU-2675	REV	390711	392586	1875 MU-1719	392607 insF;insE	insE	391826	473
TU-2676	REV	390711	392586	1875 MU-1719	392668 insF;insE	insE	391826	534
TU-2677	REV	394461	395561	1100 MU-1720	395543 ampH	ampH	394354	32
TU-2678	REV	394461	395561	1100 MU-1720	395587 ampH	ampH	394354	76

TU-2679	REV	398279	398554	275 MU-1721	398533 yaiY	yaiY	398249	-24
TU-2680	REV	399054	400329	1275 MU-1722	400176 ddlA	ddlA	399053	29
TU-2681	REV	402529	402879	350 MU-1723	402878 NT			
TU-2682	REV	402529	402879	350 MU-1723	402928 NT			
TU-2683	REV	404055	404880	825 MU-1724	404905 proC	proC	404059	37
TU-2684	REV	404055	404880	825 MU-1724	404910 proC	proC	404059	42
TU-2685	REV	407530	407755	225 MU-1725	407786 NT			
TU-2686	REV	408255	409255	1000 MU-1726	409274 rdgC	rdgC	408332	31
TU-2687	REV	410330	411731	1401 MU-1727	411748 araJ	araJ	410521	43
TU-2688	REV	411806	416181	4375 MU-1728	416200 sbcC;sbcD	sbcD	414974	24
TU-2689	REV	418281	420281	2000 MU-1729	420346 NT			
TU-2690	REV	423531	424331	800 MU-1730	424218 acpH	acpH	423561	76
TU-2691	REV	430284	431387	1103 MU-1731	431276 tsx	tsx	430353	39
TU-2692	REV	430284	431387	1103 MU-1731	431302 tsx	tsx	430353	65
TU-2693	REV	430284	431387	1103 MU-1731	431315 tsx	tsx	430353	78
TU-2694	REV	430284	431387	1103 MU-1731	431348 tsx	tsx	430353	111
TU-2695	REV	431587	432062	475 MU-1732	432100 yajI	yajI	431536	25
TU-2696	REV	436087	437587	1500 MU-1733	437508 yajO	yajO	436385	149
TU-2697	REV	437612	439622	2010 MU-1734	439624 dxs	dxs	437539	223
TU-2698	REV	437612	439622	2010 MU-1734	439634 dxs	dxs	437539	233
TU-2699	REV	437612	441162	3550 MU-1734;MU-1735	440597 dxs;ispA;xseB	xseB	440325	30
TU-2700	REV	442137	443762	1625 MU-1736	443779 yajL;panE	panE	442828	40
TU-2701	REV	442137	443762	1625 MU-1736	443784 yajL;panE	panE	442828	45
TU-2702	REV	444412	445687	1275 MU-1737	445520 yajR	yajR	444526	-370
TU-2703	REV	445787	450912	5125 MU-1738	450858 cyoE;cyoD;cyoC;cyoB;cyoA	cyoA	449887	24
TU-2704	REV	445787	450912	5125 MU-1738	450873 cyoE;cyoD;cyoC;cyoB;cyoA	cyoA	449887	39
TU-2705	REV	445787	450912	5125 MU-1738	450877 cyoE;cyoD;cyoC;cyoB;cyoA	cyoA	449887	43
TU-2706	REV	451437	453412	1975 MU-1739	453415 ampG;yajG	yajG	452813	24
TU-2707	REV	451437	453412	1975 MU-1739	453421 ampG;yajG	yajG	452813	30
TU-2708	REV	451437	453412	1975 MU-1739	453433 ampG;yajG	yajG	452813	42
TU-2709	REV	457952	458008	56 MU-1740	sraA	sraA	457952	
TU-2710	REV	464105	464755	650 MU-1741	464796 queC	queC	464076	25
TU-2711	REV	464980	466530	1550 MU-1742	466565 ybaE	ybaE	464836	29
TU-2712	REV	464980	466530	1550 MU-1742	466570 ybaE	ybaE	464836	34
TU-2713	REV	473655	474405	750 MU-1743	474425 tesB	tesB	473525	40
TU-2714	REV	474955	475505	550 MU-1744	475536 ybaZ	ybaZ	475206	-59
TU-2715	REV	476355	477955	1600 MU-1745	477866 ylaB	ylaB	476291	25
TU-2716	REV	478005	478605	600 MU-1746	478512 ylaC	ylaC	478005	37
TU-2717	REV	478655	479280	625 MU-1747	maa	maa	478591	
TU-2718	REV	479305	480083	778 MU-1748	480019 hha;ybaJ	ybaJ	479558	87
TU-2719	REV	480508	484858	4350 MU-1749	484888 acrB;acrA	acrA	483650	45
TU-2720	REV	480508	484858	4350 MU-1749	484914 acrB;acrA	acrA	483650	71
TU-2721	REV	480508	484858	4350 MU-1749	484922 acrB;acrA	acrA	483650	79
TU-2722	REV	480508	484858	4350 MU-1749	484959 acrB;acrA	acrA	483650	116
TU-2723	REV	484883	485283	400 MU-1750	485310 NT			
TU-2724	REV	489133	490133	1000 MU-1751	490112 ybaM;priC	priC	489509	76

TU-2725	REV	490208	490633	425 MU-1752	490663 NT			
TU-2726	REV	498558	499437	879 MU-1753	aes	aes	498238	
TU-2727	REV	500662	502487	1825 MU-1754	502520 ybaL	ybaL	500786	58
TU-2728	REV	500662	502487	1825 MU-1754	502564 ybaL	ybaL	500786	102
TU-2729	REV	502937	503912	975 MU-1755	503954 fsr	fsr	502700	34
TU-2730	REV	502937	503912	975 MU-1755	504035 fsr	fsr	502700	115
TU-2731	REV	502937	503912	975 MU-1755	504044 fsr	fsr	502700	124
TU-2732	REV	505512	506389	877 MU-1756	506369 ybaK	ybaK	505827	63
TU-2733	REV	505512	506389	877 MU-1756	506441 ybaK	ybaK	505827	135
TU-2734	REV	505512	506389	877 MU-1756	506463 ybaK	ybaK	505827	157
TU-2735	REV	506539	507339	800 MU-1757	507321 ybaP	ybaP	506510	17
TU-2736	REV	507814	510614	2800 MU-1758	510619 copA	copA	508099	16
TU-2737	REV	507814	510614	2800 MU-1758	510635 copA	copA	508099	32
TU-2738	REV	513489	515014	1525 MU-1759	515049 ybbJ;qmcA	qmcA	514080	52
TU-2739	REV	516364	517489	1125 MU-1760	517529 ybbN	ybbN	516649	26
TU-2740	REV	516364	517489	1125 MU-1760	517578 ybbN	ybbN	516649	75
TU-2741	REV	516364	517489	1125 MU-1760	517583 ybbN	ybbN	516649	80
TU-2742	REV	517514	519039	1525 MU-1761	519021 ybbO;tesA	tesA	518363	32
TU-2743	REV	517514	519039	1525 MU-1761	519157 ybbO;tesA	tesA	518363	168
TU-2744	REV	528839	530589	1750 MU-1762	530470 ylbG;ybbB	ybbB	529356	20
TU-2745	REV	528839	530589	1750 MU-1762	530477 ylbG;ybbB	ybbB	529356	27
TU-2746	REV	530519	531445	926 MU-1763	allS	allS	530519	
TU-2747	REV	542489	544214	1725 MU-1764	ylbA;allC	allC	543281	
TU-2748	REV	544538	545587	1049 MU-1765	allD	allD	544538	
TU-2749	REV	550514	552339	1825 MU-1766	552365 purK;purE	purE	551814	42
TU-2750	REV	552364	553764	1400 MU-1767	553683 lpxH;ppiB	ppiB	553166	23
TU-2751	REV	552364	553764	1400 MU-1767	553687 lpxH;ppiB	ppiB	553166	27
TU-2752	REV	552364	553764	1400 MU-1767	553713 lpxH;ppiB	ppiB	553166	53
TU-2753	REV	552364	553764	1400 MU-1767	553728 lpxH;ppiB	ppiB	553166	68
TU-2754	REV	552364	553764	1400 MU-1767	553781 lpxH;ppiB	ppiB	553166	121
TU-2755	REV	555414	555539	125 MU-1768	555697 ybcI	ybcI	555255	-79
TU-2756	REV	555914	556989	1075 MU-1769	556998 ybcJ;folD	folD	556098	34
TU-2757	REV	555914	556989	1075 MU-1769	557004 ybcJ;folD	folD	556098	40
TU-2758	REV	563071	563703	632 MU-1770	fimZ	fimZ	563071	
TU-2759	REV	564139	565214	1075 MU-1771	intD	intD	564038	
TU-2760	REV	565081	565599	518 MU-1772	xisD;exoD	exoD	565321	
TU-2761	REV	566839	567239	400 MU-1773	567403 NT			
TU-2762	REV	575009	576048	1039 MU-1774	nmpC	nmpC	573752	
TU-2763	REV	573816	574941	1125 MU-1775	insH	insH	573960	
TU-2764	REV	574966	576066	1100 MU-1776	576080 nmpC	nmpC	575009	32
TU-2765	REV	574966	576066	1100 MU-1776	576093 nmpC	nmpC	575009	45
TU-2766	REV	577574	578124	550 MU-1777	578131 borD	borD	577823	15
TU-2767	REV	577574	578124	550 MU-1777	578144 borD	borD	577823	28
TU-2768	REV	578407	578817	410 MU-1778	ybcV	ybcV	578407	
TU-2769	REV	579553	579653	100 MU-1779	ylcI	ylcI	579474	
TU-2770	REV	580590	580840	250 MU-1780	580786 NT			

TU-2771	REV	581375	582029	654 MU-1781	582167 ybcY	ybcY	581375	138
TU-2772	REV	583765	584865	1100 MU-1782	584873 ompT	ompT	583903	17
TU-2773	REV	583765	584865	1100 MU-1782	584881 ompT	ompT	583903	25
TU-2774	REV	583765	584865	1100 MU-1782	584887 ompT	ompT	583903	31
TU-2775	REV	585365	586140	775 MU-1783	envY	envY	585370	
TU-2776	REV	586565	590465	3900 MU-1784	590318 ybcH;nfrA	nfrA	587205	141
TU-2777	REV	586565	590465	3900 MU-1784	590483 ybcH;nfrA	nfrA	587205	306
TU-2778	REV	586565	592390	5825 MU-1784;MU-1785	592554 ybcH;nfrA;nfrB	nfrB	590164	153
TU-2779	REV	586565	592390	5825 MU-1784;MU-1785	592574 ybcH;nfrA;nfrB	nfrB	590164	173
TU-2780	REV	592665	594645	1980 MU-1786	594681 cusS;cusR	cusR	593983	15
TU-2781	REV	596220	596320	100 MU-1787	596419 NT			
TU-2782	REV	602745	603870	1125 MU-1788	603879 ybdG	ybdG	602639	-7
TU-2783	REV	604020	604645	625 MU-1789	604668 nfsB	nfsB	603994	21
TU-2784	REV	604020	604645	625 MU-1789	604676 nfsB	nfsB	603994	29
TU-2785	REV	604670	605520	850 MU-1790	605447 ybdF;ybdJ	ybdJ	605174	25
TU-2786	REV	605645	606595	950 MU-1791	606485 ybdK	ybdK	605488	-121
TU-2787	REV	606920	606945	25 MU-1792	607015 NT			
TU-2788	REV	608670	611820	3150 MU-1793	611838 entD;fepA	fepA	609477	121
TU-2789	REV	618671	621421	2750 MU-1794	621457 fepC;fepG;fepD	fepD	620408	45
TU-2790	REV	622671	624046	1375 MU-1795	623950 fepB	fepB	622777	217
TU-2791	REV	631246	631521	175 MU-1796	631486 NT			
TU-2792	REV	631596	632721	1125 MU-1797	632746 ybdH	ybdH	631612	46
TU-2793	REV	633970	635792	1822 MU-1798	ybdM;ybdN	ybdN	634572	
TU-2794	REV	635939	636841	902 MU-1799	ybdO	ybdO	635939	
TU-2795	REV	637071	637921	850 MU-1800	637825 dsbG	dsbG	637050	29
TU-2796	REV	640674	641099	425 MU-1801	641120 uspG	uspG	640662	30
TU-2797	REV	640674	641099	425 MU-1801	641126 uspG	uspG	640662	36
TU-2798	REV	642856	643381	525 MU-1802	643277 rnk	rnk	642780	87
TU-2799	REV	642856	643381	525 MU-1802	643288 rnk	rnk	642780	98
TU-2800	REV	642856	643381	525 MU-1802	643364 rnk	rnk	642780	174
TU-2801	REV	643431	644231	800 MU-1803	644257 rna	rna	643420	31
TU-2802	REV	644340	651079	6739 MU-1804	citT;citG;citX;citF;citE;citD;citC	citC	650021	
TU-2803	REV	654099	655199	1100 MU-1805	dcuC	dcuC	653806	
TU-2804	REV	656799	657174	375 MU-1806	657190 crcB	crcB	656778	29
TU-2805	REV	658499	659474	975 MU-1807	659474 lipA	lipA	658474	35
TU-2806	REV	658499	659474	975 MU-1807	659525 lipA	lipA	658474	86
TU-2807	REV	659648	660601	953 MU-1808	ybeF	ybeF	659648	
TU-2808	REV	660924	661499	575 MU-1809	661533 lipB	lipB	660860	32
TU-2809	REV	661549	661874	325 MU-1810	661929 ybeD	ybeD	661602	64
TU-2810	REV	661899	663130	1231 MU-1811	663224 dacA	dacA	661975	38
TU-2811	REV	661899	663130	1231 MU-1811	663372 dacA	dacA	661975	186
TU-2812	REV	663155	664555	1400 MU-1812	664555 rlpA	rlpA	663325	142
TU-2813	REV	663155	664555	1400 MU-1812	664684 rlpA	rlpA	663325	271
TU-2814	REV	663155	668280	5125 MU-1812;MU-1813	668291 rlpA;mrdB;mrdA;ybeA;ybeB	ybeB	667942	32
TU-2815	REV	663155	668280	5125 MU-1812;MU-1813	668296 rlpA;mrdB;mrdA;ybeA;ybeB	ybeB	667942	37
TU-2816	REV	663155	668280	5125 MU-1812;MU-1813	668430 rlpA;mrdB;mrdA;ybeA;ybeB	ybeB	667942	171

TU-2817	REV	668305	670230	1925 MU-1814	670132 cobC;nadD	nadD	669154	337
TU-2818	REV	668305	674180	5875 MU-1814;MU-1815	674060 cobC;nadD;holA;rlpB;leuS	leuS	671424	54
TU-2819	REV	668305	674180	5875 MU-1814;MU-1815	674068 cobC;nadD;holA;rlpB;leuS	leuS	671424	62
TU-2820	REV	675080	675705	625 MU-1816	675831 ybeQ	ybeQ	674793	61
TU-2821	REV	678075	678629	554 MU-1817	ybeT	ybeT	678075	
TU-2822	REV	680980	682130	1150 MU-1818	hscC	hscC	680946	
TU-2823	REV	682705	683655	950 MU-1819	683662 rihA	rihA	682700	27
TU-2824	REV	683780	685905	2125 MU-1820	686066 gltL;gltK;gltJ;sroC	sroC	685904	0
TU-2825	REV	683780	685905	2125 MU-1820	686081 gltL;gltK;gltJ;sroC	sroC	685904	15
TU-2826	REV	683780	687105	3325 MU-1820;MU-1821	687035 gltL;gltK;gltJ;sroC;gltI	gltI	686062	65
TU-2827	REV	683780	687105	3325 MU-1820;MU-1821	687066 gltL;gltK;gltJ;sroC;gltI	gltI	686062	96
TU-2828	REV	683780	687105	3325 MU-1820;MU-1821	687077 gltL;gltK;gltJ;sroC;gltI	gltI	686062	107
TU-2829	REV	687130	688405	1275 MU-1822	688559 insH	insH	687220	323
TU-2830	REV	688655	691130	2475 MU-1823	691100 lnt;ybeX	ybeX	690129	93
TU-2831	REV	688655	692705	4050 MU-1823;MU-1824	692652 lnt;ybeX;ybeY;ybeZ	ybeZ	691561	51
TU-2832	REV	688655	692705	4050 MU-1823;MU-1824	692659 lnt;ybeX;ybeY;ybeZ	ybeZ	691561	58
TU-2833	REV	688655	692705	4050 MU-1823;MU-1824	692692 lnt;ybeX;ybeY;ybeZ	ybeZ	691561	91
TU-2834	REV	692755	694205	1450 MU-1825	694214 miaB	miaB	692754	36
TU-2835	REV	695655	696030	375 MU-1826	696016 glnX;glnV;metU;glnW	glnW	695979	-37
TU-2836	REV	695655	696530	875 MU-1826;MU-1827	696389 glnX;glnV;metU;glnW;glnU;leuW;metT	metT	696280	33
TU-2837	REV	696555	698430	1875 MU-1828	698445 asnB	asnB	696736	45
TU-2838	REV	698655	699580	925 MU-1829	699578 nagD	nagD	698797	29
TU-2839	REV	698655	700980	2325 MU-1829;MU-1830	700877 nagD;nagC	nagC	699597	60
TU-2840	REV	698655	700980	2325 MU-1829;MU-1830	701088 nagD;nagC	nagC	699597	271
TU-2841	REV	698655	702905	4250 MU-1829;MU-1830;MU-1831	702929 nagD;nagC;nagA;nagB	nagB	702034	95
TU-2842	REV	709430	710105	675 MU-1832	709939 fur;uof	uof	709862	-9
TU-2843	REV	709430	710105	675 MU-1832	709945 fur;uof	uof	709862	-3
TU-2844	REV	709430	710105	675 MU-1832	709975 fur;uof	uof	709862	27
TU-2845	REV	709430	710105	675 MU-1832	710003 fur;uof	uof	709862	55
TU-2846	REV	709430	710105	675 MU-1832	710051 fur;uof	uof	709862	103
TU-2847	REV	710155	710780	625 MU-1833	710719 fldA	fldA	710158	31
TU-2848	REV	710155	710780	625 MU-1833	710744 fldA	fldA	710158	56
TU-2849	REV	710155	710780	625 MU-1833	710819 fldA	fldA	710158	131
TU-2850	REV	710830	712030	1200 MU-1834	712066 ybfE;ybfF	ybfF	711261	41
TU-2851	REV	715170	715820	650 MU-1835	ybfG	ybfG	715170	
TU-2852	REV	715944	716093	149 MU-1836	ybfI	ybfI	715944	
TU-2853	REV	716005	717680	1675 MU-1837	717567 potE	potE	716169	79
TU-2854	REV	717485	719683	2198 MU-1838	speF	speF	717485	
TU-2855	REV	720280	721055	775 MU-1839	721191 kdpE	kdpE	720279	235
TU-2856	REV	720280	721055	775 MU-1839	721208 kdpE	kdpE	720279	252
TU-2857	REV	720280	723930	3650 MU-1839;MU-1840	kdpE;kdpD	kdpD	720953	
TU-2858	REV	723630	728044	4414 MU-1841	kdpC;kdpB;kdpA;kdpF	kdpF	727955	
TU-2859	REV	740358	741858	1500 MU-1842	741892 ybgH	ybgH	740298	113
TU-2860	REV	746283	747008	725 MU-1843	747026 abrB	abrB	745946	34
TU-2861	REV	747144	752018	4874 MU-1844	ybgO;ybgP;ybgQ;ybgD	ybgD	751452	
TU-2862	REV	752133	752208	75 MU-1845	752400 NT			

TU-2863	REV	752133	752208	75 MU-1845	752404 NT			
TU-2864	REV	752383	754008	1625 MU-1846	753894 gltA		gltA	752408 203
TU-2865	REV	752383	754008	1625 MU-1846	753897 gltA		gltA	752408 206
TU-2866	REV	752383	754008	1625 MU-1846	753901 gltA		gltA	752408 210
TU-2867	REV	752383	754008	1625 MU-1846	753904 gltA		gltA	752408 213
TU-2868	REV	752383	754008	1625 MU-1846	753919 gltA		gltA	752408 228
TU-2869	REV	752383	754008	1625 MU-1846	753923 gltA		gltA	752408 232
TU-2870	REV	752383	754008	1625 MU-1846	753995 gltA		gltA	752408 304
TU-2871	REV	752383	754008	1625 MU-1846	754018 gltA		gltA	752408 327
TU-2872	REV	764383	765083	700 MU-1847	765122 mngR		mngR	764376 24
TU-2873	REV	783258	784033	775 MU-1848	784070 zitB		zitB	783105 24
TU-2874	REV	784158	784658	500 MU-1849	784607 ybgS		ybgS	784160 67
TU-2875	REV	784158	784658	500 MU-1849	784663 ybgS		ybgS	784160 123
TU-2876	REV	784158	784658	500 MU-1849	784685 ybgS		ybgS	784160 145
TU-2877	REV	786058	786933	875 MU-1850	786855 gpmA		gpmA	786066 37
TU-2878	REV	786058	786933	875 MU-1850	786893 gpmA		gpmA	786066 75
TU-2879	REV	786058	786933	875 MU-1850	786905 gpmA		gpmA	786066 87
TU-2880	REV	787058	788233	1175 MU-1851	788097 galM		galM	787020 37
TU-2881	REV	787058	788233	1175 MU-1851	788124 galM		galM	787020 64
TU-2882	REV	788258	791283	3025 MU-1852	791309 galK;galT;galE		galE	790262 31
TU-2883	REV	791558	793033	1475 MU-1853	793037 modF		modF	791539 26
TU-2884	REV	791558	793858	2300 MU-1853;MU-1854	793885 modF;modE		modE	793079 18
TU-2885	REV	796858	797658	800 MU-1855	797681 ybhA		ybhA	796836 27
TU-2886	REV	798845	799798	953 MU-1856	ybhD		ybhD	798845
TU-2887	REV	802533	802658	125 MU-1857	NT			
TU-2888	REV	804883	806533	1650 MU-1858	806537 ybhC		ybhC	805221 33
TU-2889	REV	804883	806533	1650 MU-1858	806546 ybhC		ybhC	805221 42
TU-2890	REV	806704	807204	500 MU-1859	807152 ybhB		ybhB	806656 20
TU-2891	REV	806704	808479	1775 MU-1859;MU-1860	808513 ybhB;bioA		bioA	807191 33
TU-2892	REV	812337	812474	137 MU-1861	ybhU		ybhU	812337
TU-2893	REV	814888	815865	977 MU-1862	815894 ybhK		ybhK	814962 24
TU-2894	REV	820940	823715	2775 MU-1863	823747 ybhN;ybhO;ybhP		ybhP	822959 27
TU-2895	REV	824240	828140	3900 MU-1864	828189 ybhR;ybhS;ybhF		ybhF	826468 -15
TU-2896	REV	824240	828140	3900 MU-1864	828206 ybhR;ybhS;ybhF		ybhF	826468 2
TU-2897	REV	824240	829865	5625 MU-1864;MU-1865	829893 ybhR;ybhS;ybhF;ybhG;ybiH		ybiH	829195 27
TU-2898	REV	831290	831940	650 MU-1866	ybiA		ybiA	831691
TU-2899	REV	836696	837171	475 MU-1867	837198 ybiJ		ybiJ	836888 50
TU-2900	REV	837221	837671	450 MU-1868	837699 ybiI		ybiI	837413 20
TU-2901	REV	837221	837671	450 MU-1868	837705 ybiI		ybiI	837413 26
TU-2902	REV	837746	839096	1350 MU-1869	839139 ybiX		ybiX	837753 709
TU-2903	REV	837746	840846	3100 MU-1869;MU-1870	ybiX;fiu		fiu	838472
TU-2904	REV	841021	841296	275 MU-1871	ybiM		ybiM	841019
TU-2905	REV	842522	844697	2175 MU-1872	844733 ybiO		ybiO	842478 30
TU-2906	REV	844822	847397	2575 MU-1873	847270 glnQ;glnP;glnH		glnH	846481 43
TU-2907	REV	844822	847397	2575 MU-1873	847360 glnQ;glnP;glnH		glnH	846481 133
TU-2908	REV	847597	848147	550 MU-1874	848160 dps		dps	847631 26

TU-2909	REV	847597	848147	550 MU-1874	848167 dps	dps	847631	33
TU-2910	REV	847597	848147	550 MU-1874	848173 dps	dps	847631	39
TU-2911	REV	848472	849372	900 MU-1875	849354 rhtA	rhtA	848433	34
TU-2912	REV	850347	851897	1550 MU-1876	ybiP	ybiP	850237	
TU-2913	REV	851972	852247	275 MU-1877	852270 rybA	rybA	852175	7
TU-2914	REV	854097	854997	900 MU-1878	855021 ybiS	ybiS	854047	54
TU-2915	REV	857122	859250	2128 MU-1879	859272 ybiU;ybiV	ybiV	858436	21
TU-2916	REV	859397	862761	3364 MU-1880	ybiW;ybiY	ybiY	861835	
TU-2917	REV	863625	865650	2025 MU-1881	865611 moeB;moeA	moeA	864352	24
TU-2918	REV	875950	877275	1325 MU-1882	877292 yliG	yliG	875933	34
TU-2919	REV	879075	879725	675 MU-1883	879742 yliJ	yliJ	879077	39
TU-2920	REV	881235	882710	1475 MU-1884	882682 deoR;ybjG	ybjG	882015	71
TU-2921	REV	884235	886535	2300 MU-1885	886577 ybjH;ybjI;ybjJ	ybjJ	885354	15
TU-2922	REV	887110	887335	225 MU-1886	887280 rybB	rybB	887199	3
TU-2923	REV	887435	889179	1744 MU-1887	889168 ybjL	ybjL	887357	126
TU-2924	REV	889729	890004	275 MU-1888	889999 grxA	grxA	889719	23
TU-2925	REV	889729	890004	275 MU-1888	890020 grxA	grxA	889719	44
TU-2926	REV	898482	899832	1350 MU-1889	899820 artJ	artJ	899067	22
TU-2927	REV	898482	899832	1350 MU-1889	899828 artJ	artJ	899067	30
TU-2928	REV	898482	899832	1350 MU-1889	899849 artJ	artJ	899067	51
TU-2929	REV	900082	903007	2925 MU-1890	902993 artM;artQ;artI;artP	artP	902229	36
TU-2930	REV	900082	903007	2925 MU-1890	903066 artM;artQ;artI;artP	artP	902229	109
TU-2931	REV	903157	903707	550 MU-1891	903736 ybjP	ybjP	903175	46
TU-2932	REV	904957	906007	1050 MU-1892	906078 ybjS	ybjS	904963	102
TU-2933	REV	906082	908558	2476 MU-1893	908543 ybjT;ltaE	ltaE	907516	26
TU-2934	REV	906082	910283	4201 MU-1893;MU-1894	910299 ybjT;ltaE;poxB	poxB	908554	27
TU-2935	REV	910458	911608	1150 MU-1895	911723 hcr	hcr	910405	350
TU-2936	REV	910458	913037	2579 MU-1895;MU-1896	913299 hcr;hcp	hcp	911385	262
TU-2937	REV	913208	914083	875 MU-1897	914076 ybjE	ybjE	913181	-4
TU-2938	REV	914358	914458	100 MU-1898	914507 NT			
TU-2939	REV	914358	914458	100 MU-1898	914515 NT			
TU-2940	REV	914633	915383	750 MU-1899	915454 aqpZ	aqpZ	914575	184
TU-2941	REV	917033	918308	1275 MU-1900	918326 ybjX	ybjX	917351	-17
TU-2942	REV	921510	921885	375 MU-1901	921858 cspD	cspD	921589	45
TU-2943	REV	921510	921885	375 MU-1901	921899 cspD	cspD	921589	86
TU-2944	REV	925098	925323	225 MU-1902	925194 serW	serW	925107	0
TU-2945	REV	925434	925909	475 MU-1903	925671 infA	infA	925448	5
TU-2946	REV	925434	925909	475 MU-1903	925694 infA	infA	925448	28
TU-2947	REV	925434	925909	475 MU-1903	925701 infA	infA	925448	35
TU-2948	REV	925434	925909	475 MU-1903	925730 infA	infA	925448	64
TU-2949	REV	925959	926809	850 MU-1904	aat	aat	925951	
TU-2950	REV	926834	930234	3400 MU-1905	930221 cydC;cydD	cydD	928419	36
TU-2951	REV	930284	931284	1000 MU-1906	931301 trxB	trxB	930308	28
TU-2952	REV	943934	944809	875 MU-1907	944837 ycaC	ycaC	944154	57
TU-2953	REV	947984	948784	800 MU-1908	948821 ycaN	ycaN	947883	30
TU-2954	REV	949559	950359	800 MU-1909	950378 pflA	pflA	949563	75

TU-2955	REV	950509	952734	2225 MU-1910	952802 pflB	pflB	950495	25
TU-2956	REV	950509	952734	2225 MU-1910	952864 pflB	pflB	950495	87
TU-2957	REV	950509	952734	2225 MU-1910	952967 pflB	pflB	950495	190
TU-2958	REV	952759	953911	1152 MU-1911	953715 focA	focA	952832	26
TU-2959	REV	952759	953911	1152 MU-1911	953726 focA	focA	952832	37
TU-2960	REV	954136	955911	1775 MU-1912	955881 ycaO	ycaO	954095	26
TU-2961	REV	959086	959386	300 MU-1913	959396 NT			
TU-2962	REV	972137	972612	475 MU-1914	972639 ycbC	ycbC	971845	15
TU-2963	REV	983462	984937	1475 MU-1915	984958 aspC	aspC	983742	26
TU-2964	REV	983462	984937	1475 MU-1915	984967 aspC	aspC	983742	35
TU-2965	REV	985088	986313	1225 MU-1916	986315 ompF	ompF	985117	110
TU-2966	REV	986817	988342	1525 MU-1917	988228 asnS	asnS	986808	20
TU-2967	REV	986817	988342	1525 MU-1917	988242 asnS	asnS	986808	34
TU-2968	REV	986817	988342	1525 MU-1917	988267 asnS	asnS	986808	59
TU-2969	REV	988392	989667	1275 MU-1918	989638 pncB	pncB	988377	59
TU-2970	REV	992567	996792	4225 MU-1919	996785 ssuB;ssuC;ssuD;ssuA;ssuE	ssuE	996160	50
TU-2971	REV	1003568	1003668	100 MU-1920	1003714 NT			
TU-2972	REV	1005893	1006818	925 MU-1921	1006847 ycbX	ycbX	1005714	24
TU-2973	REV	1015168	1015768	600 MU-1922	1015720 fabA	fabA	1015175	27
TU-2974	REV	1015793	1017518	1725 MU-1923	1017551 ycbZ	ycbZ	1015762	29
TU-2975	REV	1018243	1019443	1200 MU-1924	1019302 ompA	ompA	1018236	26
TU-2976	REV	1018243	1019443	1200 MU-1924	1019341 ompA	ompA	1018236	65
TU-2977	REV	1018243	1019443	1200 MU-1924	1019418 ompA	ompA	1018236	142
TU-2978	REV	1019468	1020143	675 MU-1925	1020172 sulA	sulA	1019633	30
TU-2979	REV	1020943	1023568	2625 MU-1926	1023560 yccS;yccF	yccF	1023125	-11
TU-2980	REV	1020943	1023568	2625 MU-1926	1023602 yccS;yccF	yccF	1023125	31
TU-2981	REV	1025743	1026243	500 MU-1927	1026264 mgsA	mgsA	1025780	26
TU-2982	REV	1026393	1027018	625 MU-1928	1027059 yccT	yccT	1026334	63
TU-2983	REV	1027636	1027961	325 MU-1929	1027961 hspQ	hspQ	1027627	17
TU-2984	REV	1027636	1027961	325 MU-1929	1027966 hspQ	hspQ	1027627	22
TU-2985	REV	1027986	1029186	1200 MU-1930	1029221 yccW	yccW	1028002	29
TU-2986	REV	1029536	1029887	351 MU-1931	1029908 yccK	yccK	1029562	17
TU-2987	REV	1029536	1029887	351 MU-1931	1029915 yccK	yccK	1029562	24
TU-2988	REV	1029987	1030712	725 MU-1932	1030669 yccA	yccA	1029982	28
TU-2989	REV	1029987	1030712	725 MU-1932	1030673 yccA	yccA	1029982	32
TU-2990	REV	1030837	1030912	75 MU-1933	1030935 serT	serT	1030848	0
TU-2991	REV	1030937	1031412	475 MU-1934	1031352 NT			
TU-2992	REV	1041187	1041812	625 MU-1935	1041752 NT			
TU-2993	REV	1042137	1049212	7075 MU-1936	etk;etp;gfcE;gfcD;gfcC;gfcB;gfcA	gfcA	1048662	
TU-2994	REV	1049312	1049912	600 MU-1937	1049923 NT			
TU-2995	REV	1050186	1050398	212 MU-1938	cspH	cspH	1050186	
TU-2996	REV	1051512	1052585	1073 MU-1939	yccM	yccM	1051512	
TU-2997	REV	1052657	1055401	2744 MU-1940	torS	torS	1052657	
TU-2998	REV	1056337	1057387	1050 MU-1941	1057207 torR	torR	1056485	30
TU-2999	REV	1061837	1063037	1200 MU-1942	1063026 cbpM;cbpA	cbpA	1062078	28
TU-3000	REV	1061837	1063037	1200 MU-1942	1063051 cbpM;cbpA	cbpA	1062078	53

TU-3001	REV	1061837	1063037	1200 MU-1942	1063056 cbpM;cbpA	cbpA	1062078	58
TU-3002	REV	1065987	1067112	1125 MU-1943	1066953 yccJ;wrbA	wrbA	1066335	22
TU-3003	REV	1065987	1067112	1125 MU-1943	1066959 yccJ;wrbA	wrbA	1066335	28
TU-3004	REV	1065987	1067112	1125 MU-1943	1066981 yccJ;wrbA	wrbA	1066335	50
TU-3005	REV	1067437	1068887	1450 MU-1944	1068877 rutG	rutG	1067734	-185
TU-3006	REV	1067437	1073237	5800 MU-1944;MU-1945	1073288 rutG;rutF;rutE;rutD;rutC;rutB;rutA	rutA	1072086	54
TU-3007	REV	1074387	1078137	3750 MU-1946	1078129 putA	putA	1074143	24
TU-3008	REV	1074387	1078137	3750 MU-1946	1078136 putA	putA	1074143	31
TU-3009	REV	1074387	1078137	3750 MU-1946	1078145 putA	putA	1074143	40
TU-3010	REV	1080012	1080587	575 MU-1947	1080499 NT			
TU-3011	REV	1083712	1084062	350 MU-1948	1084079 NT			
TU-3012	REV	1085337	1085662	325 MU-1949	1085851 pgaD	pgaD	1085329	109
TU-3013	REV	1085329	1091512	6183 MU-1950	pgaD;pgaC;pgaB;pgaA	pgaA	1089089	
TU-3014	REV	1093437	1094687	1250 MU-1951	insF;insE	insE	1094361	
TU-3015	REV	1096787	1096887	100 MU-1952	1096875 serX	serX	1096788	0
TU-3016	REV	1100137	1102537	2400 MU-1953	1102550 csgG;csgF;csgE;csgD	csgD	1101769	131
TU-3017	REV	1100137	1102537	2400 MU-1953	1102566 csgG;csgF;csgE;csgD	csgD	1101769	147
TU-3018	REV	1106915	1108215	1300 MU-1954	1108345 mdoC	mdoC	1107007	181
TU-3019	REV	1112815	1113415	600 MU-1955	1113435 msyB	msyB	1113030	31
TU-3020	REV	1113515	1114740	1225 MU-1956	1114756 mdtG	mdtG	1113487	43
TU-3021	REV	1114890	1115840	950 MU-1957	1115838 lpxL	lpxL	1114885	33
TU-3022	REV	1117140	1117890	750 MU-1958	1117768 yceI	yceI	1117124	69
TU-3023	REV	1117140	1117890	750 MU-1958	1117897 yceI	yceI	1117124	198
TU-3024	REV	1117140	1118269	1129 MU-1958;MU-1959	1118294 yceI;yceJ	yceJ	1117703	25
TU-3025	REV	1118530	1118670	140 MU-1960	yceO	yceO	1118530	
TU-3026	REV	1118765	1119865	1100 MU-1961	1119832 solA	solA	1118691	23
TU-3027	REV	1119915	1120240	325 MU-1962	1120252 bssS	bssS	1119924	74
TU-3028	REV	1120472	1120697	225 MU-1963	1120732 dinI	dinI	1120465	22
TU-3029	REV	1120772	1121847	1075 MU-1964	1121857 pyrC	pyrC	1120784	27
TU-3030	REV	1120772	1121847	1075 MU-1964	1121866 pyrC	pyrC	1120784	36
TU-3031	REV	1122022	1123297	1275 MU-1965	1123304 yceB;grxB	grxB	1122630	27
TU-3032	REV	1123341	1124549	1208 MU-1966	mdtH	mdtH	1123341	
TU-3033	REV	1128898	1129398	500 MU-1967	1129388 flgN;flgM	flgM	1129058	37
TU-3034	REV	1128898	1130086	1188 MU-1967;MU-1968	flgN;flgM;flgA	flgA	1129427	
TU-3035	REV	1140403	1144079	3676 MU-1969	1143581 rne	rne	1140405	-9
TU-3036	REV	1140403	1144079	3676 MU-1969	1143607 rne	rne	1140405	17
TU-3037	REV	1140403	1144079	3676 MU-1969	1143903 rne	rne	1140405	313
TU-3038	REV	1140403	1144079	3676 MU-1969	1144100 rne	rne	1140405	510
TU-3039	REV	1145229	1145929	700 MU-1970	1145848 yceF	yceF	1145234	30
TU-3040	REV	1156605	1156855	250 MU-1971	NT			
TU-3041	REV	1158780	1160830	2050 MU-1972	1160838 fhuE	fhuE	1158585	64
TU-3042	REV	1167280	1168055	775 MU-1973	1168006 ycfQ	ycfQ	1167423	-49
TU-3043	REV	1168630	1169530	900 MU-1974	1169641 ycfS	ycfS	1168635	44
TU-3044	REV	1169780	1173205	3425 MU-1975	1173215 mfd	mfd	1169741	28
TU-3045	REV	1169780	1173205	3425 MU-1975	1173251 mfd	mfd	1169741	64
TU-3046	REV	1173315	1174388	1073 MU-1976	ycfT	ycfT	1173315	

TU-3047	REV	1179702	1180490	788 MU-1977	ycfZ	ycfZ	1179702	
TU-3048	REV	1180487	1180948	461 MU-1978	ymfA	ymfA	1180487	
TU-3049	REV	1181012	1184862	3850 MU-1979	1184883 potD;potC;potB;potA	potA	1183681	66
TU-3050	REV	1186362	1187462	1100 MU-1980	1187488 ycfD	ycfD	1186342	25
TU-3051	REV	1187487	1189662	2175 MU-1981	1189695 phoQ;phoP	phoP	1188999	25
TU-3052	REV	1187487	1189662	2175 MU-1981	1189706 phoQ;phoP	phoP	1188999	36
TU-3053	REV	1187487	1189662	2175 MU-1981	1189714 phoQ;phoP	phoP	1188999	44
TU-3054	REV	1189687	1193141	3454 MU-1982	1193024 purB;hflD;mnmA	mnmA	1191890	28
TU-3055	REV	1193216	1194141	925 MU-1983	1194167 nudJ;rluE	rluE	1193521	-7
TU-3056	REV	1196090	1196755	665 MU-1984	1196783 ymfD	ymfD	1196090	28
TU-3057	REV	1196756	1197460	704 MU-1985	1197501 ymfE	ymfE	1196756	41
TU-3058	REV	1199651	1200101	450 MU-1986	1200268 intE;xisE	xisE	1200010	13
TU-3059	REV	1199651	1200101	450 MU-1986	1200279 intE;xisE	xisE	1200010	24
TU-3060	REV	1200501	1200576	75 MU-1987	1200715 NT			
TU-3061	REV	1201051	1202126	1075 MU-1988	1202147 ymfJ;ymfK	ymfK	1201482	-9
TU-3062	REV	1201051	1202126	1075 MU-1988	1202156 ymfJ;ymfK	ymfK	1201482	0
TU-3063	REV	1202276	1202401	125 MU-1989	1202433 NT			
TU-3064	REV	1202951	1203126	175 MU-1990	1203044 NT			
TU-3065	REV	1207768	1207993	225 MU-1991	1208076 NT			
TU-3066	REV	1207740	1208842	1102 MU-1992	tfaE;stfE	stfE	1208342	
TU-3067	REV	1210903	1211226	323 MU-1993	elbA	elbA	1210903	
TU-3068	REV	1211926	1212330	404 MU-1994	1212359 ycgX	ycgX	1211926	29
TU-3069	REV	1212518	1213318	800 MU-1995	1213336 ycgE	ycgE	1212551	54
TU-3070	REV	1213518	1214468	950 MU-1996	1214729 ycgF	ycgF	1213487	31
TU-3071	REV	1221544	1222294	750 MU-1997	1222320 ymgD;ymgG;ymgI	ymgI	1222213	-66
TU-3072	REV	1223419	1225344	1925 MU-1998	1225362 minE;minD;minC	minC	1224608	59
TU-3073	REV	1225519	1225619	100 MU-1999	1225656 NT			
TU-3074	REV	1226119	1226720	601 MU-2000	1226729 ycgK	ycgK	1226294	34
TU-3075	REV	1229220	1229620	400 MU-2001	1229673 hlyE	hlyE	1228706	56
TU-3076	REV	1231720	1232245	525 MU-2002	1232278 dsbB	dsbB	1231723	25
TU-3077	REV	1232420	1233945	1525 MU-2003	1233988 nhaB	nhaB	1232399	48
TU-3078	REV	1234945	1236495	1550 MU-2004	1236509 ycgB	ycgB	1234932	45
TU-3079	REV	1239395	1242320	2925 MU-2005	1242327 cvrA;ldcA	ldcA	1241389	24
TU-3080	REV	1243420	1243870	450 MU-2006	1243778 ycgR	ycgR	1243016	28
TU-3081	REV	1244899	1246624	1725 MU-2007	1246645 treA	treA	1244902	46
TU-3082	REV	1246974	1250174	3200 MU-2008	1250020 dhaM;dhaL;dhaK	dhaK	1248991	-41
TU-3083	REV	1246974	1250174	3200 MU-2008	1250041 dhaM;dhaL;dhaK	dhaK	1248991	-20
TU-3084	REV	1252799	1255374	2575 MU-2009	1255468 ycgV	ycgV	1252308	293
TU-3085	REV	1252799	1255374	2575 MU-2009	1255538 ycgV	ycgV	1252308	363
TU-3086	REV	1255874	1256924	1050 MU-2010	1257105 ychF	ychF	1255944	70
TU-3087	REV	1256949	1257749	800 MU-2011	1257765 pth	pth	1257152	29
TU-3088	REV	1258599	1260049	1450 MU-2012	1260092 ychM	ychM	1258347	66
TU-3089	REV	1260099	1261324	1225 MU-2013	1261082 prs	prs	1260151	-16
TU-3090	REV	1261349	1262724	1375 MU-2014	1262758 ispE;lolB	lolB	1262100	35
TU-3091	REV	1268374	1268474	100 MU-2015	1268557 ldrA	ldrA	1268391	59
TU-3092	REV	1268599	1268699	100 MU-2016	NT			

TU-3093	REV	1268899	1269024	125 MU-2017	ldrB	ldrB	1268926	
TU-3094	REV	1269124	1269224	100 MU-2018	NT			
TU-3095	REV	1269424	1269549	125 MU-2019	ldrC	ldrC	1269461	
TU-3096	REV	1269649	1269749	100 MU-2020	NT			
TU-3097	REV	1269974	1271099	1125 MU-2021	1271119 chaA	chaA	1269972	47
TU-3098	REV	1272499	1272924	425 MU-2022	1272855 ychN	ychN	1272469	33
TU-3099	REV	1274375	1277000	2625 MU-2023	1277086 narL;narX	narX	1275045	245
TU-3100	REV	1286375	1286525	150 MU-2024	1286462 rttR;trp;tyrV	tyrV	1286467	-89
TU-3101	REV	1286550	1286825	275 MU-2025	1286758 tyrT	tyrT	1286761	-87
TU-3102	REV	1286850	1288375	1525 MU-2026	1288373 purU;ychJ	ychJ	1287897	18
TU-3103	REV	1286850	1288375	1525 MU-2026	1288400 purU;ychJ	ychJ	1287897	45
TU-3104	REV	1289125	1289325	200 MU-2027	1289388 NT			
TU-3105	REV	1291725	1292150	425 MU-2028	1292153 hns	hns	1291732	8
TU-3106	REV	1291725	1292150	425 MU-2028	1292181 hns	hns	1291732	36
TU-3107	REV	1293649	1294545	896 MU-2029	insZ	insZ	1293649	
TU-3108	REV	1294475	1297475	3000 MU-2030	1297361 adhE	adhE	1294669	17
TU-3109	REV	1294475	1297475	3000 MU-2030	1297367 adhE	adhE	1294669	23
TU-3110	REV	1294475	1297475	3000 MU-2030	1297374 adhE	adhE	1294669	30
TU-3111	REV	1294475	1297475	3000 MU-2030	1297392 adhE	adhE	1294669	48
TU-3112	REV	1294475	1297475	3000 MU-2030	1297440 adhE	adhE	1294669	96
TU-3113	REV	1294475	1297475	3000 MU-2030	1297477 adhE	adhE	1294669	133
TU-3114	REV	1304851	1306676	1825 MU-2031	1306680 yciU;cls	cls	1305209	11
TU-3115	REV	1304851	1306676	1825 MU-2031	1306697 yciU;cls	cls	1305209	28
TU-3116	REV	1307026	1308526	1500 MU-2032	1308374 kch	kch	1307040	81
TU-3117	REV	1307026	1308526	1500 MU-2032	1308579 kch	kch	1307040	286
TU-3118	REV	1308626	1308901	275 MU-2033	1308916 yciI	yciI	1308593	27
TU-3119	REV	1309876	1310276	400 MU-2034	1310298 yciA	yciA	1309872	28
TU-3120	REV	1310376	1311701	1325 MU-2035	1311720 yciB;yciC	yciC	1310944	33
TU-3121	REV	1312776	1314076	1300 MU-2036	1314116 yciE;yciF;yciG	yciG	1313880	57
TU-3122	REV	1314402	1318177	3775 MU-2037	1317986 trpA;trpB;trpC	trpC	1316451	177
TU-3123	REV	1314402	1318177	3775 MU-2037	1318200 trpA;trpB;trpC	trpC	1316451	391
TU-3124	REV	1314402	1321102	6700 MU-2037;MU-2038	1321132 trpA;trpB;trpC;trpD;trpE;trpL	trpL	1321062	26
TU-3125	REV	1325702	1327227	1525 MU-2039	1327190 btuR;yciK	yciK	1326378	54
TU-3126	REV	1328502	1328752	250 MU-2040	1328711 yciN	yciN	1328441	19
TU-3127	REV	1328502	1328752	250 MU-2040	1328719 yciN	yciN	1328441	27
TU-3128	REV	1328502	1328752	250 MU-2040	1328738 yciN	yciN	1328441	46
TU-3129	REV	1336613	1337188	575 MU-2041	1337214 ribA	ribA	1336594	30
TU-3130	REV	1341038	1341463	425 MU-2042	1341392 osmB	osmB	1341134	40
TU-3131	REV	1341038	1341463	425 MU-2042	1341449 osmB	osmB	1341134	97
TU-3132	REV	1341738	1342388	650 MU-2043	1342411 yciT	yciT	1341621	41
TU-3133	REV	1341738	1342663	925 MU-2043;MU-2044	1342663 yciT;yciZ	yciZ	1342460	30
TU-3134	REV	1342813	1344838	2025 MU-2045	1344866 gmr	gmr	1342781	100
TU-3135	REV	1345013	1347138	2125 MU-2046	1346965 rnb	rnb	1345002	29
TU-3136	REV	1345013	1347138	2125 MU-2046	1347152 rnb	rnb	1345002	216
TU-3137	REV	1347163	1348213	1050 MU-2047	yciW	yciW	1347004	
TU-3138	REV	1348313	1349113	800 MU-2048	1349112 fabI	fabI	1348275	49

TU-3139	REV	1348313	1349113	800 MU-2048	1349118 fabI	fabI	1348275	55
TU-3140	REV	1348313	1349113	800 MU-2048	1349127 fabI	fabI	1348275	64
TU-3141	REV	1348313	1349113	800 MU-2048	1349144 fabI	fabI	1348275	81
TU-3142	REV	1349365	1354140	4775 MU-2049	1354010 ycjD;sapF;sapD;sapC;sapB	sapB	1352529	516
TU-3143	REV	1349365	1354140	4775 MU-2049	1354061 ycjD;sapF;sapD;sapC;sapB	sapB	1352529	567
TU-3144	REV	1349365	1354140	4775 MU-2049	1354111 ycjD;sapF;sapD;sapC;sapB	sapB	1352529	617
TU-3145	REV	1349365	1355365	6000 MU-2049;MU-2050	1355205 ycjD;sapF;sapD;sapC;sapB;sapA	sapA	1353491	71
TU-3146	REV	1349365	1355365	6000 MU-2049;MU-2050	1355443 ycjD;sapF;sapD;sapC;sapB;sapA	sapA	1353491	309
TU-3147	REV	1355390	1355715	325 MU-2051	1355723 ymjA	ymjA	1355447	31
TU-3148	REV	1355815	1358965	3150 MU-2052	1358991 puuP;puuA	puuA	1357514	59
TU-3149	REV	1365290	1365915	625 MU-2053	1365969 pspF	pspF	1364959	33
TU-3150	REV	1381216	1381991	775 MU-2054	1382013 ycjW	ycjW	1380987	28
TU-3151	REV	1386266	1386841	575 MU-2055	1386860 tpx	tpx	1386329	25
TU-3152	REV	1386266	1386841	575 MU-2055	1386868 tpx	tpx	1386329	33
TU-3153	REV	1387791	1388766	975 MU-2056	1388647 mpaA	mpaA	1387894	-35
TU-3154	REV	1389091	1389866	775 MU-2057	1389911 ymjC;ycjY	ycjY	1388957	22
TU-3155	REV	1389091	1389866	775 MU-2057	1389918 ymjC;ycjY	ycjY	1388957	29
TU-3156	REV	1392941	1393966	1025 MU-2058	1393949 ynaI	ynaI	1392915	3
TU-3157	REV	1395691	1396716	1025 MU-2059	1396683 uspE	uspE	1395696	37
TU-3158	REV	1396791	1397666	875 MU-2060	1397563 fnr	fnr	1396798	13
TU-3159	REV	1396791	1397666	875 MU-2060	1397576 fnr	fnr	1396798	26
TU-3160	REV	1397767	1398267	500 MU-2061	1398309 ogt	ogt	1397745	49
TU-3161	REV	1398867	1402592	3725 MU-2062	1402613 abgT;abgB;abgA	abgA	1401279	24
TU-3162	REV	1398867	1402592	3725 MU-2062	1402707 abgT;abgB;abgA	abgA	1401279	118
TU-3163	REV	1403717	1403792	75 MU-2063	1403829 isrA	isrA	1403676	-4
TU-3164	REV	1404392	1405917	1525 MU-2064	1405893 ydaM	ydaM	1404587	74
TU-3165	REV	1407317	1407417	100 MU-2065	1407453 NT			
TU-3166	REV	1408867	1410443	1576 MU-2066	1410148 ttcA	ttcA	1409037	176
TU-3167	REV	1408867	1410443	1576 MU-2066	1410184 ttcA	ttcA	1409037	212
TU-3168	REV	1411468	1415118	3650 MU-2067	1415056 intR;ydaQ;ydaC;lar;recT;recE	recE	1412810	-354
TU-3169	REV	1415512	1415787	275 MU-2068	racC	racC	1415512	
TU-3170	REV	1415862	1416253	391 MU-2069	ydaE;kiIR	kiIR	1416032	
TU-3171	REV	1417180	1417480	300 MU-2070	ydaF;ydaG	ydaG	1417346	
TU-3172	REV	1417743	1418243	500 MU-2071	1418265 racR	racR	1417789	0
TU-3173	REV	1421436	1421686	250 MU-2072	1421757 NT			
TU-3174	REV	1424887	1425012	125 MU-2073	1424997 NT			
TU-3175	REV	1425787	1426762	975 MU-2074	1426777 insH	insH	1425770	27
TU-3176	REV	1431108	1431698	590 MU-2075	pinR	pinR	1431108	
TU-3177	REV	1432163	1432588	425 MU-2076	1432557 ynaE	ynaE	1432015	276
TU-3178	REV	1432982	1433032	50 MU-2077	ttcC	ttcC	1432982	
TU-3179	REV	1433138	1433688	550 MU-2078	1433665 uspF	uspF	1433209	22
TU-3180	REV	1433138	1433688	550 MU-2078	1433735 uspF	uspF	1433209	92
TU-3181	REV	1433784	1434917	1133 MU-2079	ompN	ompN	1433784	
TU-3182	REV	1435288	1438838	3550 MU-2080	1438869 ydbK	ydbK	1435284	61
TU-3183	REV	1439188	1439763	575 MU-2081	1439801 hslJ	hslJ	1439345	34
TU-3184	REV	1439838	1440888	1050 MU-2082	1440902 ldhA	ldhA	1439878	35

TU-3185	REV	1439838	1440888	1050 MU-2082	1440913 ldhA	ldhA	1439878	46
TU-3186	REV	1439838	1440888	1050 MU-2082	1440942 ldhA	ldhA	1439878	75
TU-3187	REV	1440913	1441513	600 MU-2083	1441359 NT			
TU-3188	REV	1444513	1445313	800 MU-2084	1445332 feaR	feaR	1444402	25
TU-3189	REV	1447538	1451563	4025 MU-2085	1451735 tynA;maoC	maoC	1449621	69
TU-3190	REV	1465963	1467338	1375 MU-2086	insD;insC	insC	1466808	
TU-3191	REV	1480297	1480897	600 MU-2087	1480928 azoR	azoR	1480279	44
TU-3192	REV	1487742	1488867	1125 MU-2088	1488776 gapC	gapC	1487737	39
TU-3193	REV	1489467	1489530	63 MU-2089	1489529 rydC	rydC	1489467	-1
TU-3194	REV	1489892	1490217	325 MU-2090	1490241 hokB;mokB	mokB	1489986	88
TU-3195	REV	1489892	1490217	325 MU-2090	1490328 hokB;mokB	mokB	1489986	175
TU-3196	REV	1492092	1493142	1050 MU-2091	1493095 ydcI	ydcI	1492172	0
TU-3197	REV	1492092	1493142	1050 MU-2091	1493140 ydcI	ydcI	1492172	45
TU-3198	REV	1497302	1498502	1200 MU-2092	1498495 ydcK	ydcK	1497493	22
TU-3199	REV	1501167	1501658	491 MU-2093	yncK	yncK	1501167	
TU-3200	REV	1503005	1504382	1377 MU-2094	1504416 ydcO	ydcO	1502929	312
TU-3201	REV	1506382	1507107	725 MU-2095	1507112 yncJ	yncJ	1506858	24
TU-3202	REV	1514950	1515325	375 MU-2096	1515242 yncL	yncL	1515123	24
TU-3203	REV	1514950	1515325	375 MU-2096	1515272 yncL	yncL	1515123	54
TU-3204	REV	1515875	1516875	1000 MU-2097	1516888 ydcZ;yncA	yncA	1516352	18
TU-3205	REV	1515875	1516875	1000 MU-2097	1516897 ydcZ;yncA	yncA	1516352	27
TU-3206	REV	1518900	1521100	2200 MU-2098	1521181 yncD	yncD	1518987	92
TU-3207	REV	1522600	1524000	1400 MU-2099	1524030 ansP	ansP	1522505	26
TU-3208	REV	1531381	1531881	500 MU-2100	1531895 yddH	yddH	1531306	20
TU-3209	REV	1531381	1531881	500 MU-2100	1531900 yddH	yddH	1531306	25
TU-3210	REV	1532906	1533881	975 MU-2101	1533900 yddE	yddE	1532989	18
TU-3211	REV	1534331	1542131	7800 MU-2102	1542127 narV;narW;narY;narZ;narU	narU	1540696	43
TU-3212	REV	1542408	1544052	1644 MU-2103	yddJ;yddK;yddL	yddL	1543774	
TU-3213	REV	1544567	1545192	625 MU-2104	1545227 yddG	yddG	1544312	34
TU-3214	REV	1550067	1550717	650 MU-2105	1550736 yddM	yddM	1550422	30
TU-3215	REV	1550767	1551892	1125 MU-2106	1551862 adhP	adhP	1550852	0
TU-3216	REV	1550767	1551892	1125 MU-2106	1551892 adhP	adhP	1550852	30
TU-3217	REV	1551992	1553742	1750 MU-2107	1553716 maeA	maeA	1551996	23
TU-3218	REV	1551992	1553742	1750 MU-2107	1553726 maeA	maeA	1551996	33
TU-3219	REV	1553842	1554117	275 MU-2108	1554071 sra	sra	1553850	84
TU-3220	REV	1554167	1554342	175 MU-2109	1554479 bdm	bdm	1554089	175
TU-3221	REV	1554917	1561117	6200 MU-2110	1561168 ddpF;ddpD;ddpC;ddpB;ddpA;ddpX	ddpX	1560519	68
TU-3222	REV	1561467	1565292	3825 MU-2111	1565236 dos;yddV	yddV	1563782	72
TU-3223	REV	1561467	1565292	3825 MU-2111	1565318 dos;yddV	yddV	1563782	154
TU-3224	REV	1565467	1566843	1376 MU-2112	1567038 yddW	yddW	1565528	191
TU-3225	REV	1566993	1568710	1717 MU-2113	1568587 gadC	gadC	1566978	74
TU-3226	REV	1566993	1570060	3067 MU-2113;MU-2114	1570097 gadC;gadB	gadB	1568669	28
TU-3227	REV	1570585	1572910	2325 MU-2115	pqqL	pqqL	1570431	
TU-3228	REV	1573271	1577366	4095 MU-2116	yddB;yddA	yddA	1575681	
TU-3229	REV	1577657	1580548	2891 MU-2117	ydeM;ydeN	ydeN	1578866	
TU-3230	REV	1580950	1581983	1033 MU-2118	ydeO;yneN	yneN	1581786	

TU-3231	REV	1582487	1584587	2100 MU-2119	1584688 ydeP	ydeP	1582231	178
TU-3232	REV	1584844	1585758	914 MU-2120	ydeQ	ydeQ	1584844	
TU-3233	REV	1585962	1586737	775 MU-2121	1586568 ydeR;ydeS	ydeS	1586333	-295
TU-3234	REV	1585962	1588012	2050 MU-2121;MU-2122	1588058 ydeR;ydeS;ydeT	ydeT	1586877	-45
TU-3235	REV	1588512	1590487	1975 MU-2123	1590504 yneL;hipA;hipB	hipB	1590200	38
TU-3236	REV	1590787	1596537	5750 MU-2124	1596621 ydeU;ydeK	ydeK	1592133	511
TU-3237	REV	1596812	1599412	2600 MU-2125	1599295 lsrK;lsrR	lsrR	1598312	30
TU-3238	REV	1606137	1607037	900 MU-2126	1607069 yneE	yneE	1606132	23
TU-3239	REV	1606137	1607037	900 MU-2126	1607122 yneE	yneE	1606132	76
TU-3240	REV	1607362	1609887	2525 MU-2127	1610053 uxaB;yneF	yneF	1608931	175
TU-3241	REV	1609962	1611337	1375 MU-2128	1611305 yneG;yneH	yneH	1610349	30
TU-3242	REV	1611412	1612837	1425 MU-2129	1612751 sad	sad	1611339	24
TU-3243	REV	1616312	1616937	625 MU-2130	1616924 marC	marC	1616267	-8
TU-3244	REV	1617937	1619162	1225 MU-2131	1619191 eamA	eamA	1618262	30
TU-3245	REV	1619312	1619662	350 MU-2132	1619702 NT			
TU-3246	REV	1620862	1621887	1025 MU-2133	1621901 ydeH	ydeH	1620984	27
TU-3247	REV	1622012	1622512	500 MU-2134	1622540 ydeI	ydeI	1622129	19
TU-3248	REV	1623212	1625412	2200 MU-2135	1625428 dcp	dcp	1623359	24
TU-3249	REV	1627462	1630137	2675 MU-2136	ydfI;ydfJ	ydfJ	1629026	
TU-3250	REV	1631712	1632262	550 MU-2137	NT			
TU-3251	REV	1632387	1634437	2050 MU-2138	1634425 tfaQ;ydfN;nohA	nohA	1633864	34
TU-3252	REV	1632387	1634437	2050 MU-2138	1634515 tfaQ;ydfN;nohA	nohA	1633864	124
TU-3253	REV	1634799	1635099	300 MU-2139	NT			
TU-3254	REV	1635574	1635861	287 MU-2140	1635851 gnsB	gnsB	1635633	45
TU-3255	REV	1635574	1635861	287 MU-2140	1635870 gnsB	gnsB	1635633	64
TU-3256	REV	1635978	1636133	155 MU-2141	yfnN	yfnN	1635978	
TU-3257	REV	1636479	1636691	212 MU-2142	1636836 cspI	cspI	1636479	145
TU-3258	REV	1637054	1638609	1555 MU-2143	1638778 ydfP;arrQ;ydfR;essQ	essQ	1638394	169
TU-3259	REV	1639337	1639712	375 MU-2144	1639516 cspB	cspB	1639363	-62
TU-3260	REV	1640513	1642226	1713 MU-2145	1642531 quuQ;ydfU	ydfU	1641279	305
TU-3261	REV	1642737	1642887	150 MU-2146	rem	rem	1642675	
TU-3262	REV	1643012	1643890	878 MU-2147	1643925 hokD;relE;relB	relB	1643657	29
TU-3263	REV	1644040	1644215	175 MU-2148	1644207 NT			
TU-3264	REV	1644815	1645115	300 MU-2149	1645143 NT			
TU-3265	REV	1645146	1645874	728 MU-2150	ydfW;ydfX;dicC	dicC	1645644	
TU-3266	REV	1649265	1649565	300 MU-2151	NT			
TU-3267	REV	1650779	1650862	83 MU-2152	ydfJ	ydfJ	1650779	
TU-3268	REV	1650920	1653165	2245 MU-2153	rspB;rspA	rspA	1651951	
TU-3269	REV	1653420	1653670	250 MU-2154	1653729 ynfA	ynfA	1653371	32
TU-3270	REV	1654295	1655470	1175 MU-2155	1655507 ynfC	ynfC	1654771	26
TU-3271	REV	1664395	1665270	875 MU-2156	1665277 ynfK	ynfK	1664548	34
TU-3272	REV	1664395	1665270	875 MU-2156	1665281 ynfK	ynfK	1664548	38
TU-3273	REV	1664395	1665270	875 MU-2156	1665398 ynfK	ynfK	1664548	155
TU-3274	REV	1665420	1666595	1175 MU-2157	1666625 dgsA	dgsA	1665368	37
TU-3275	REV	1666795	1667570	775 MU-2158	1667696 ynfL	ynfL	1666723	80
TU-3276	REV	1666795	1667570	775 MU-2158	1667714 ynfL	ynfL	1666723	98

TU-3277	REV	1668845	1669145	300 MU-2159	1669157 NT			
TU-3278	REV	1669370	1669920	550 MU-2160	1669894 NT			
TU-3279	REV	1670670	1671770	1100 MU-2161	1671802 mdtI;mdtJ	mdtJ	1671160	277
TU-3280	REV	1672745	1676245	3500 MU-2162	1675955 pntB;pntA	pntA	1674395	28
TU-3281	REV	1672745	1676245	3500 MU-2162	1676006 pntB;pntA	pntA	1674395	79
TU-3282	REV	1672745	1676245	3500 MU-2162	1676021 pntB;pntA	pntA	1674395	94
TU-3283	REV	1672745	1676245	3500 MU-2162	1676026 pntB;pntA	pntA	1674395	99
TU-3284	REV	1672745	1676245	3500 MU-2162	1676038 pntB;pntA	pntA	1674395	111
TU-3285	REV	1679395	1680070	675 MU-2163	1680084 ydgC	ydgC	1679719	30
TU-3286	REV	1679395	1680070	675 MU-2163	1680170 ydgC	ydgC	1679719	116
TU-3287	REV	1682695	1682770	75 MU-2164	1682812 NT			
TU-3288	REV	1683045	1684645	1600 MU-2165	fumC	fumC	1683209	
TU-3289	REV	1683045	1686570	3525 MU-2165;MU-2166	1686432 fumC;fumA	fumA	1684755	31
TU-3290	REV	1683045	1686570	3525 MU-2165;MU-2166	1686465 fumC;fumA	fumA	1684755	64
TU-3291	REV	1689670	1694095	4425 MU-2167	1694118 uidC;uidB;uidA	uidA	1692284	23
TU-3292	REV	1694470	1695170	700 MU-2168	1695100 uidR	uidR	1694486	24
TU-3293	REV	1695220	1696121	901 MU-2169	1696092 hdhA	hdhA	1695297	28
TU-3294	REV	1695220	1696121	901 MU-2169	1696124 hdhA	hdhA	1695297	60
TU-3295	REV	1695220	1696121	901 MU-2169	1696131 hdhA	hdhA	1695297	67
TU-3296	REV	1695220	1696121	901 MU-2169	1696146 hdhA	hdhA	1695297	82
TU-3297	REV	1696246	1697271	1025 MU-2170	1697265 malI	malI	1696176	61
TU-3298	REV	1701246	1702346	1100 MU-2171	1702355 ydgJ	ydgJ	1701292	23
TU-3299	REV	1710271	1710796	525 MU-2172	1710806 NT			
TU-3300	REV	1713096	1713921	825 MU-2173	1713968 pdxY	pdxY	1713050	55
TU-3301	REV	1713096	1713921	825 MU-2173	1713997 pdxY	pdxY	1713050	84
TU-3302	REV	1713096	1715296	2200 MU-2173;MU-2174	1715311 pdxY;tyrS	tyrS	1713972	65
TU-3303	REV	1713096	1716046	2950 MU-2173;MU-2174;MU-2175	1716058 pdxY;tyrS;pdxH	pdxH	1715375	27
TU-3304	REV	1716146	1716371	225 MU-2176	ydhA	ydhA	1716090	
TU-3305	REV	1716721	1717696	975 MU-2177	1717654 anmK	anmK	1716517	28
TU-3306	REV	1716721	1717696	975 MU-2177	1717806 anmK	anmK	1716517	180
TU-3307	REV	1718421	1718971	550 MU-2178	1718877 slyA	slyA	1718414	29
TU-3308	REV	1718421	1718971	550 MU-2178	1718884 slyA	slyA	1718414	36
TU-3309	REV	1718421	1718971	550 MU-2178	1718894 slyA	slyA	1718414	46
TU-3310	REV	1720521	1721096	575 MU-2179	1721100 NT			
TU-3311	REV	1720521	1721096	575 MU-2179	1721114 NT			
TU-3312	REV	1721871	1722696	825 MU-2180	1722703 sodC	sodC	1722158	24
TU-3313	REV	1722721	1723721	1000 MU-2181	1723679 ydhF	ydhF	1722760	23
TU-3314	REV	1723796	1724021	225 MU-2182	1723969 ydhL	ydhL	1723705	25
TU-3315	REV	1731765	1732315	550 MU-2183	1732142 grxD	grxD	1731778	17
TU-3316	REV	1731765	1732315	550 MU-2183	1732160 grxD	grxD	1731778	35
TU-3317	REV	1731765	1732315	550 MU-2183	1732184 grxD	grxD	1731778	59
TU-3318	REV	1731765	1732315	550 MU-2183	1732213 grxD	grxD	1731778	88
TU-3319	REV	1731765	1732315	550 MU-2183	1732257 grxD	grxD	1731778	132
TU-3320	REV	1731765	1732315	550 MU-2183	1732284 grxD	grxD	1731778	159
TU-3321	REV	1734490	1735315	825 MU-2184	1735360 ydhP	ydhP	1734145	46
TU-3322	REV	1735490	1735615	125 MU-2185	1735601 ynhF	ynhF	1735480	32

TU-3323	REV	1735490	1735615	125 MU-2185	1735607 ynhF	ynhF	1735480	38
TU-3324	REV	1735490	1735615	125 MU-2185	1735639 ynhF	ynhF	1735480	70
TU-3325	REV	1736815	1737890	1075 MU-2186	1737837 ydhB	ydhB	1736890	15
TU-3326	REV	1736815	1737890	1075 MU-2186	1737851 ydhB	ydhB	1736890	29
TU-3327	REV	1740615	1741440	825 MU-2187	1741299 ribC	ribC	1740625	33
TU-3328	REV	1742490	1744390	1900 MU-2188	1744226 ydhQ	ydhQ	1742895	75
TU-3329	REV	1747540	1752615	5075 MU-2189	1752725 ydhT; ydhU; ydhX; ydhW; ydhV; ydhY	ydhY	1751875	224
TU-3330	REV	1752990	1753165	175 MU-2190	1753189 ydhZ	ydhZ	1752956	24
TU-3331	REV	1755065	1755390	325 MU-2191	1755409 NT			
TU-3332	REV	1755740	1756865	1125 MU-2192	1756883 ynhG	ynhG	1755745	134
TU-3333	REV	1756965	1762495	5530 MU-2193	1762442 sufE; sufS; sufD; sufC; sufB; sufA	sufB	1760546	409
TU-3334	REV	1756965	1762495	5530 MU-2193	1762523 sufE; sufS; sufD; sufC; sufB; sufA	sufB	1760546	490
TU-3335	REV	1762745	1762920	175 MU-2194	rydB	rydB	1762737	
TU-3336	REV	1762945	1763195	250 MU-2195	1763170 ydiH	ydiH	1762958	-57
TU-3337	REV	1763245	1766920	3675 MU-2196	1766940 ydiI; ydiJ	ydiJ	1763653	231
TU-3338	REV	1776220	1777370	1150 MU-2197	1777365 ydiP	ydiP	1776414	40
TU-3339	REV	1782772	1785147	2375 MU-2198	1785185 pps	pps	1782758	49
TU-3340	REV	1787272	1789247	1975 MU-2199	1789278 ydiU	ydiU	1787832	10
TU-3341	REV	1789422	1790172	750 MU-2200	1790123 ydiV	ydiV	1789331	79
TU-3342	REV	1789422	1790172	750 MU-2200	1790180 ydiV	ydiV	1789331	136
TU-3343	REV	1789422	1790172	750 MU-2200	1790215 ydiV	ydiV	1789331	171
TU-3344	REV	1790272	1790822	550 MU-2201	1790784 nlpC	nlpC	1790291	29
TU-3345	REV	1790847	1792272	1425 MU-2202	1792219 btuD; btuC	btuE	1791582	86
TU-3346	REV	1792297	1793172	875 MU-2203	1793201 btuC	btuC	1792196	25
TU-3347	REV	1793272	1793672	400 MU-2204	1793744 ihfA	ihfA	1793277	168
TU-3348	REV	1793272	1793672	400 MU-2204	1793791 ihfA	ihfA	1793277	215
TU-3349	REV	1793697	1797272	3575 MU-2205	1797159 pheT; pheS; pheM	pheM	1797250	-135
TU-3350	REV	1793697	1797272	3575 MU-2205	1797217 pheT; pheS; pheM	pheM	1797250	-77
TU-3351	REV	1793697	1797272	3575 MU-2205	1797274 pheT; pheS; pheM	pheM	1797250	-20
TU-3352	REV	1793697	1797272	3575 MU-2205	1797327 pheT; pheS; pheM	pheM	1797250	33
TU-3353	REV	1797347	1797772	425 MU-2206	1797807 rplT	rplT	1797417	34
TU-3354	REV	1797347	1798072	725 MU-2206; MU-2207	1798126 rplT; rpmI	rpmI	1797826	103
TU-3355	REV	1797347	1798072	725 MU-2206; MU-2207	1798135 rplT; rpmI	rpmI	1797826	112
TU-3356	REV	1797347	1798072	725 MU-2206; MU-2207	1798300 rplT; rpmI	rpmI	1797826	277
TU-3357	REV	1797347	1798072	725 MU-2206; MU-2207	1798314 rplT; rpmI	rpmI	1797826	291
TU-3358	REV	1797347	1798072	725 MU-2206; MU-2207	1798355 rplT; rpmI	rpmI	1797826	332
TU-3359	REV	1797347	1798072	725 MU-2206; MU-2207	1798394 rplT; rpmI	rpmI	1797826	371
TU-3360	REV	1797347	1798697	1350 MU-2206; MU-2207; MU-2208	1798841 rplT; rpmI; infC	infC	1798120	179
TU-3361	REV	1798097	1800797	2700 MU-2208; MU-2209	1800756 infC; thrS	thrS	1798666	162
TU-3362	REV	1803397	1804172	775 MU-2210	1804192 ydiY	ydiY	1803349	85
TU-3363	REV	1806422	1807347	925 MU-2211	1807286 yniB	yniB	1806721	29
TU-3364	REV	1806422	1807347	925 MU-2211	1807374 yniB	yniB	1806721	117
TU-3365	REV	1810353	1811168	815 MU-2212	ydjO	ydjO	1810353	
TU-3366	REV	1811554	1811679	125 MU-2213	1811716 cedA	cedA	1811445	29
TU-3367	REV	1814179	1815354	1175 MU-2214	1815394 chbG	chbG	1814410	235
TU-3368	REV	1814179	1819735	5556 MU-2214; MU-2215	1819667 chbG; chbF; chbR; chbA; chbC; chbB	chbB	1819323	24

TU-3369	REV	1814179	1819735	5556 MU-2214;MU-2215	1819750 chbG;chbF;chbR;chbA;chbC;chbB	chbB	1819323	107
TU-3370	REV	1819910	1820285	375 MU-2216	1820301 osmE	osmE	1819942	21
TU-3371	REV	1819910	1820285	375 MU-2216	1820307 osmE	osmE	1819942	27
TU-3372	REV	1822535	1822960	425 MU-2217	1823147 ves	ves	1822386	186
TU-3373	REV	1823110	1823735	625 MU-2218	1823713 spy	spy	1823164	64
TU-3374	REV	1823110	1823735	625 MU-2218	1823756 spy	spy	1823164	107
TU-3375	REV	1824085	1830010	5925 MU-2219	1830028 astE;astB;astD;astA;astC	astC	1828786	22
TU-3376	REV	1831185	1832185	1000 MU-2220	1832126 NT			
TU-3377	REV	1838860	1839435	575 MU-2221	1839469 ynjF	ynjF	1838807	42
TU-3378	REV	1839860	1840210	350 MU-2222	1840186 ynjH	ynjH	1839887	27
TU-3379	REV	1841910	1841960	50 MU-2223	1842041 NT			
TU-3380	REV	1841855	1842895	1040 MU-2224	ynjI	ynjI	1841855	
TU-3381	REV	1843035	1846235	3200 MU-2225	1846054 topB;selD	selD	1844989	22
TU-3382	REV	1843035	1846710	3675 MU-2225;MU-2226	1846726 topB;selD;ydjA	ydjA	1846149	26
TU-3383	REV	1850645	1852003	1358 MU-2227	ydjE	ydjE	1850645	
TU-3384	REV	1852260	1852885	625 MU-2228	1852910 ydjF	ydjF	1852120	32
TU-3385	REV	1853015	1859356	6341 MU-2229	ydjG;ydjH;ydjI;ydjJ;ydjK;ydjL	ydjL	1858280	
TU-3386	REV	1859660	1860460	800 MU-2230	1860488 yeaC;msrB	msrB	1860040	35
TU-3387	REV	1862810	1863685	875 MU-2231	1863677 yeaE	yeaE	1862806	17
TU-3388	REV	1863735	1864643	908 MU-2232	1864528 mipA	mipA	1863750	32
TU-3389	REV	1872102	1872206	104 MU-2233	yoaI	yoaI	1872102	
TU-3390	REV	1872793	1873593	800 MU-2234	1873622 yeaM	yeaM	1872779	22
TU-3391	REV	1872793	1873593	800 MU-2234	1873636 yeaM	yeaM	1872779	36
TU-3392	REV	1875193	1875543	350 MU-2235	1875579 yoaF	yoaF	1875302	23
TU-3393	REV	1875193	1875543	350 MU-2235	1875669 yoaF	yoaF	1875302	113
TU-3394	REV	1876893	1877293	400 MU-2236	1877294 yeaQ	yeaQ	1877031	15
TU-3395	REV	1876893	1877293	400 MU-2236	1877321 yeaQ	yeaQ	1877031	42
TU-3396	REV	1877343	1877643	300 MU-2237	yoaG;yeaR	yeaR	1877613	
TU-3397	REV	1878168	1878793	625 MU-2238	leuE	leuE	1878145	
TU-3398	REV	1878968	1879843	875 MU-2239	1879872 yeaT	yeaT	1878910	39
TU-3399	REV	1884968	1886018	1050 MU-2240	1886087 rnd	rnd	1884888	72
TU-3400	REV	1886041	1886126	85 MU-2241	1886158 sroD	sroD	1886041	32
TU-3401	REV	1886068	1887918	1850 MU-2242	1887831 fadD	fadD	1886085	61
TU-3402	REV	1888043	1888568	525 MU-2243	yeaY	yeaY	1887975	
TU-3403	REV	1888043	1889293	1250 MU-2243;MU-2244	1889319 yeaY;yeaZ	yeaZ	1888596	28
TU-3404	REV	1888043	1891243	3200 MU-2243;MU-2244;MU-2245	1891279 yeaY;yeaZ;yoaA	yoaA	1889349	20
TU-3405	REV	1892493	1892843	350 MU-2246	1892777 yoaH	yoaH	1892576	22
TU-3406	REV	1892893	1893520	627 MU-2247	1893573 NT			
TU-3407	REV	1896370	1896470	100 MU-2248	1896478 NT			
TU-3408	REV	1898070	1899770	1700 MU-2249	1899796 yoaE	yoaE	1898053	187
TU-3409	REV	1904370	1905145	775 MU-2250	1905108 rrmA	rrmA	1904275	24
TU-3410	REV	1905195	1905795	600 MU-2251	1905623 cspC;yobF	yobF	1905472	8
TU-3411	REV	1905195	1905795	600 MU-2251	1905642 cspC;yobF	yobF	1905472	27
TU-3412	REV	1906195	1906795	600 MU-2252	1906816 yebO;mgrB	mgrB	1906647	26
TU-3413	REV	1907070	1908245	1175 MU-2253	1908154 kdgR	kdgR	1907332	31
TU-3414	REV	1907070	1908245	1175 MU-2253	1908162 kdgR	kdgR	1907332	39

TU-3415	REV	1909720	1910745	1025 MU-2254	1910628 htpX	htpX	1909719	28
TU-3416	REV	1909720	1910745	1025 MU-2254	1910642 htpX	htpX	1909719	42
TU-3417	REV	1910795	1913720	2925 MU-2255	1913679 prc;proQ	proQ	1912860	121
TU-3418	REV	1910795	1914170	3375 MU-2255;MU-2256	1914138 prc;proQ;yebR	yebR	1913655	-14
TU-3419	REV	1910795	1914170	3375 MU-2255;MU-2256	1914188 prc;proQ;yebR	yebR	1913655	36
TU-3420	REV	1920121	1921046	925 MU-2257	pphA	pphA	1920337	
TU-3421	REV	1921121	1921246	125 MU-2258	ryeB	ryeB	1921188	
TU-3422	REV	1921421	1922996	1575 MU-2259	1923017 yebY;yebZ;yobA	yobA	1922619	24
TU-3423	REV	1923046	1923321	275 MU-2260	1923331 NT			
TU-3424	REV	1924971	1926921	1950 MU-2261	1926889 ptrB	ptrB	1924803	26
TU-3425	REV	1927096	1927721	625 MU-2262	1927758 yebE	yebE	1927072	27
TU-3426	REV	1927846	1928421	575 MU-2263	1928440 yebF	yebF	1928058	26
TU-3427	REV	1927846	1928771	925 MU-2263;MU-2264	1928790 yebF;yebG	yebG	1928481	19
TU-3428	REV	1930146	1931121	975 MU-2265	1930807 eda	eda	1930139	27
TU-3429	REV	1930146	1931121	975 MU-2265	1930823 eda	eda	1930139	43
TU-3430	REV	1930146	1931121	975 MU-2265	1931066 eda	eda	1930139	286
TU-3431	REV	1931171	1932671	1500 MU-2266	1932737 edd	edd	1930817	109
TU-3432	REV	1932896	1934499	1603 MU-2267	1934383 zwf	zwf	1932863	45
TU-3433	REV	1932896	1934499	1603 MU-2267	1934391 zwf	zwf	1932863	53
TU-3434	REV	1932896	1934499	1603 MU-2267	1934398 zwf	zwf	1932863	60
TU-3435	REV	1932896	1934499	1603 MU-2267	1934491 zwf	zwf	1932863	153
TU-3436	REV	1937274	1938249	975 MU-2268	1938245 lpxM	lpxM	1937246	28
TU-3437	REV	1937274	1938249	975 MU-2268	1938252 lpxM	lpxM	1937246	35
TU-3438	REV	1938349	1940624	2275 MU-2269	1940621 yebA;znuA	znuA	1939675	14
TU-3439	REV	1938349	1940624	2275 MU-2269	1940637 yebA;znuA	znuA	1939675	30
TU-3440	REV	1942374	1944099	1725 MU-2270	1944032 ruvB;ruvA	ruvA	1943389	32
TU-3441	REV	1942374	1944099	1725 MU-2270	1944149 ruvB;ruvA	ruvA	1943389	149
TU-3442	REV	1944724	1945274	550 MU-2271	ruvC	ruvC	1944879	
TU-3443	REV	1945324	1948824	3500 MU-2272	1948641 yebC;nudB;aspS	aspS	1946774	95
TU-3444	REV	1952624	1955399	2775 MU-2273	torZ;torY	torY	1955056	
TU-3445	REV	1956499	1957924	1425 MU-2274	1957896 cutC;yecM	yecM	1957304	26
TU-3446	REV	1961274	1970699	9425 MU-2275	1970739 flhE;flhA;flhB;cheZ;cheY;cheB;cheR;tap;tar	tar	1969054	24
TU-3447	REV	1972574	1975149	2575 MU-2276	1975324 cheW;cheA;motB;motA	motA	1974276	161
TU-3448	REV	1975224	1976474	1250 MU-2277	1976303 flhC;flhD	flhD	1975871	82
TU-3449	REV	1975224	1976474	1250 MU-2277	1976309 flhC;flhD	flhD	1975871	88
TU-3450	REV	1976549	1977274	725 MU-2278	insB;insA	insA	1976964	
TU-3451	REV	1978049	1979699	1650 MU-2279	1979674 otsA	otsA	1978212	38
TU-3452	REV	1978049	1980449	2400 MU-2279;MU-2280	1980464 otsA;otsB	otsB	1979611	53
TU-3453	REV	1980549	1982049	1500 MU-2281	araH	araH	1980578	
TU-3454	REV	1980549	1984202	3653 MU-2281;MU-2282	araH;araG;araF	araF	1983163	
TU-3455	REV	1985552	1985852	300 MU-2283	1985809 yecJ	yecJ	1985531	27
TU-3456	REV	1985902	1986027	125 MU-2284	1986026 isrB	isrB	1985863	4
TU-3457	REV	1987277	1987502	225 MU-2285	1987525 yecH	yecH	1987275	11
TU-3458	REV	1988727	1989752	1025 MU-2286	1989673 yecA	yecA	1988978	30
TU-3459	REV	1989802	1990077	275 MU-2287	1990141 leuZ;cysT;glyW	glyW	1990066	0
TU-3460	REV	1990102	1990852	750 MU-2288	1990874 pgsA	pgsA	1990293	33

TU-3461	REV	1990977	1993403	2426 MU-2289	1993427 uvrC;uvrY	uvrY	1992727	44
TU-3462	REV	1990977	1993403	2426 MU-2289	1993595 uvrC;uvrY	uvrY	1992727	212
TU-3463	REV	1994180	1994855	675 MU-2290	1994917 sdiA	sdiA	1994134	61
TU-3464	REV	1994180	1994855	675 MU-2290	1994934 sdiA	sdiA	1994134	78
TU-3465	REV	1995105	1996530	1425 MU-2291	1996664 yecC;yecS	yecS	1995835	161
TU-3466	REV	1995105	1997555	2450 MU-2291;MU-2292	1997532 yecC;yecS;dcyD	dcyD	1996518	28
TU-3467	REV	1997580	1998580	1000 MU-2293	1998422 fliY	fliY	1997609	13
TU-3468	REV	1997580	1998580	1000 MU-2293	1998434 fliY	fliY	1997609	25
TU-3469	REV	1997580	1998580	1000 MU-2293	1998492 fliY	fliY	1997609	83
TU-3470	REV	1998855	1999805	950 MU-2294	1999843 fliZ;fliA	fliA	1999094	30
TU-3471	REV	1999963	2001688	1725 MU-2295	2001653 fliC	fliC	2000134	23
TU-3472	REV	1999963	2001688	1725 MU-2295	2001699 fliC	fliC	2000134	69
TU-3473	REV	2005698	2006198	500 MU-2296	2006138 yedD	yedD	2005701	24
TU-3474	REV	2009247	2010375	1128 MU-2297	yedN	yedN	2009247	
TU-3475	REV	2010724	2011038	314 MU-2298	fliE	fliE	2010724	
TU-3476	REV	2022677	2023002	325 MU-2299	2022868 dsrB	dsrB	2022659	21
TU-3477	REV	2023277	2023377	100 MU-2300	dsrA	dsrA	2023251	
TU-3478	REV	2024277	2026152	1875 MU-2301	2026237 yedQ	yedQ	2024347	196
TU-3479	REV	2026202	2027377	1175 MU-2302	2027413 yodC;yedI	yedI	2026473	23
TU-3480	REV	2028377	2030327	1950 MU-2303	2030365 vsr;dcM	dcM	2028923	24
TU-3481	REV	2030377	2031452	1075 MU-2304	2031465 yedJ;yedR	yedR	2031143	-43
TU-3482	REV	2030377	2031452	1075 MU-2304	2031494 yedJ;yedR	yedR	2031143	-14
TU-3483	REV	2034852	2036802	1950 MU-2305	2036840 yedV;yedW	yedW	2036176	-7
TU-3484	REV	2038577	2039327	750 MU-2306	2039280 NT			
TU-3485	REV	2041462	2041564	102 MU-2307	2041581 serU	serU	2041492	0
TU-3486	REV	2050339	2051589	1250 MU-2308	2051659 yeeL	yeeL	2050300	307
TU-3487	REV	2056055	2056105	50 MU-2309	2056126 asnW	asnW	2056051	0
TU-3488	REV	2056305	2057859	1554 MU-2310	2057871 yeeO	yeeO	2056227	1
TU-3489	REV	2057984	2058984	1000 MU-2311	2058964 cbl	cbl	2057988	26
TU-3490	REV	2057984	2060009	2025 MU-2311;MU-2312	2060074 cbl;nac	nac	2059040	117
TU-3491	REV	2060409	2061359	950 MU-2313	2061377 erfK	erfK	2060415	30
TU-3492	REV	2061409	2063984	2575 MU-2314	2064019 cobT;cobS;cobU	cobU	2063243	231
TU-3493	REV	2061409	2063984	2575 MU-2314	2064031 cobT;cobS;cobU	cobU	2063243	243
TU-3494	REV	2064109	2064109	0 MU-2315	yeeH	yeeH	2064092	
TU-3495	REV	2064209	2065459	1250 MU-2316	2065503 insH	insH	2064329	158
TU-3496	REV	2065509	2066484	975 MU-2317	2066314 yoeG;yoeH	yoeH	2066285	-129
TU-3497	REV	2065509	2066484	975 MU-2317	2066507 yoeG;yoeH	yoeH	2066285	64
TU-3498	REV	2066759	2068209	1450 MU-2318	2068377 insD;insC	insC	2067839	173
TU-3499	REV	2072411	2072736	325 MU-2319	2072764 NT			
TU-3500	REV	2075861	2075986	125 MU-2320	2076010 NT			
TU-3501	REV	2076573	2076701	128 MU-2321	yoeD	yoeD	2076573	
TU-3502	REV	2077061	2077586	525 MU-2322	2077410 yeeX	yeeX	2077056	25
TU-3503	REV	2077061	2077586	525 MU-2322	2077416 yeeX	yeeX	2077056	31
TU-3504	REV	2077061	2077586	525 MU-2322	2077428 yeeX	yeeX	2077056	43
TU-3505	REV	2077061	2077586	525 MU-2322	2077440 yeeX	yeeX	2077056	55
TU-3506	REV	2077061	2077586	525 MU-2322	2077492 yeeX	yeeX	2077056	107

TU-3507	REV	2077061	2077586	525 MU-2322	2077541 yeeX	yeeX	2077056	156
TU-3508	REV	2077611	2079336	1725 MU-2323	2079301 yeeA;sbmC	sbmC	2078813	15
TU-3509	REV	2077611	2079336	1725 MU-2323	2079343 yeeA;sbmC	sbmC	2078813	57
TU-3510	REV	2077611	2079336	1725 MU-2323	2079350 yeeA;sbmC	sbmC	2078813	64
TU-3511	REV	2079411	2080286	875 MU-2324	dacD	dacD	2079405	
TU-3512	REV	2082261	2083536	1275 MU-2325	2083525 yeeD;yeeE	yeeE	2082491	-24
TU-3513	REV	2082261	2083536	1275 MU-2325	2083552 yeeD;yeeE	yeeE	2082491	3
TU-3514	REV	2082261	2083536	1275 MU-2325	2083576 yeeD;yeeE	yeeE	2082491	27
TU-3515	REV	2083736	2085286	1550 MU-2326	2085346 yeeF	yeeF	2083728	260
TU-3516	REV	2085311	2087186	1875 MU-2327	2087176 yeeY;yeeZ	yeeZ	2086328	24
TU-3517	REV	2087236	2087861	625 MU-2328	2087755 yoeB;yefM	yefM	2087486	18
TU-3518	REV	2095236	2096397	1161 MU-2329	2096336 cld	cld	2095345	11
TU-3519	REV	2095236	2096397	1161 MU-2329	2096346 cld	cld	2095345	21
TU-3520	REV	2095236	2096397	1161 MU-2329	2096355 cld	cld	2095345	30
TU-3521	REV	2096497	2097722	1225 MU-2330	2097696 ugd	ugd	2096471	59
TU-3522	REV	2097872	2099272	1400 MU-2331	2099348 gnd	gnd	2097886	56
TU-3523	REV	2097872	2099272	1400 MU-2331	2099381 gnd	gnd	2097886	89
TU-3524	REV	2099297	2099722	425 MU-2332	wbbL	wbbL	2099420	
TU-3525	REV	2099772	2100822	1050 MU-2333	2100996 insH	insH	2099919	61
TU-3526	REV	2099772	2100822	1050 MU-2333	2101009 insH	insH	2099919	74
TU-3527	REV	2100847	2103222	2375 MU-2334	2103361 wbbL;wbbK;wbbJ	wbbJ	2102518	253
TU-3528	REV	2100847	2106408	5561 MU-2334;MU-2335	2106453 wbbL;wbbK;wbbJ;wbbI;rfc;glf	glf	2105250	100
TU-3529	REV	2100847	2106408	5561 MU-2334;MU-2335	2106482 wbbL;wbbK;wbbJ;wbbI;rfc;glf	glf	2105250	129
TU-3530	REV	2100847	2106408	5561 MU-2334;MU-2335	2106493 wbbL;wbbK;wbbJ;wbbI;rfc;glf	glf	2105250	140
TU-3531	REV	2100847	2106408	5561 MU-2334;MU-2335	2106518 wbbL;wbbK;wbbJ;wbbI;rfc;glf	glf	2105250	165
TU-3532	REV	2100847	2107883	7036 MU-2334;MU-2335;MU-2336	2107775 wbbL;wbbK;wbbJ;wbbI;rfc;glf;rfbX	rfbX	2106361	167
TU-3533	REV	2100847	2107883	7036 MU-2334;MU-2335;MU-2336	2107921 wbbL;wbbK;wbbJ;wbbI;rfc;glf;rfbX	rfbX	2106361	313
TU-3534	REV	2100847	2107883	7036 MU-2334;MU-2335;MU-2336	2107951 wbbL;wbbK;wbbJ;wbbI;rfc;glf;rfbX	rfbX	2106361	343
TU-3535	REV	2100847	2109260	8413 MU-2334;MU-2335;MU-2336;MU-2337	2109097 wbbL;wbbK;wbbJ;wbbI;rfc;glf;rfbX;rfbC;rfbA	rfbA	2108162	54
TU-3536	REV	2100847	2109260	8413 MU-2334;MU-2335;MU-2336;MU-2337	2109105 wbbL;wbbK;wbbJ;wbbI;rfc;glf;rfbX;rfbC;rfbA	rfbA	2108162	62
TU-3537	REV	2100847	2109260	8413 MU-2334;MU-2335;MU-2336;MU-2337	2109125 wbbL;wbbK;wbbJ;wbbI;rfc;glf;rfbX;rfbC;rfbA	rfbA	2108162	82
TU-3538	REV	2100847	2111360	10513 MU-2334;MU-2335;MU-2336;MU-2337;MU-2338	2111256 wbbL;wbbK;wbbJ;wbbI;rfc;glf;rfbX;rfbC;rfbA;rfbD;rfbB	rfbB	2110000	171
TU-3539	REV	2111410	2112610	1200 MU-2339	2112375 galF	galF	2111458	24
TU-3540	REV	2111410	2112610	1200 MU-2339	2112440 galF	galF	2111458	89
TU-3541	REV	2112526	2116428	3902 MU-2340	wcaM;wcaL;wcaK	wcaK	2115148	
TU-3542	REV	2116704	2135267	18563 MU-2341	wzcX;wcaJ;cpsG;cpsB;wcaI;gmm;fcl;gmd;wcaF;wcaE;wcaD;wcaC;wcaB;wcaA;wzc;wzb;wza	wza	2134128	
TU-3543	REV	2137791	2140266	2475 MU-2342	2140303 asmA;dcd	dcd	2139658	64
TU-3544	REV	2140291	2140991	700 MU-2343	2141004 udk	udk	2140331	32
TU-3545	REV	2140291	2140991	700 MU-2343	2141028 udk	udk	2140331	56
TU-3546	REV	2144716	2145666	950 MU-2344	2145583 alka	alka	2144716	19

TU-3547	REV	2147166	2148916	1750 MU-2345	2149011 yegI	yegI	2147063	2
TU-3548	REV	2147166	2148916	1750 MU-2345	2149067 yegI	yegI	2147063	58
TU-3549	REV	2149735	2151152	1417 MU-2346	yegK;yegL	yegL	2150493	
TU-3550	REV	2165341	2165541	200 MU-2347	2165572 ogrK	ogrK	2165326	28
TU-3551	REV	2165626	2166330	704 MU-2348	yegZ;yegR	yegR	2166013	
TU-3552	REV	2167441	2168341	900 MU-2349	gatR	gatR	2167717	
TU-3553	REV	2169016	2169691	675 MU-2350	2169773 gatR	gatR	2169453	22
TU-3554	REV	2169716	2175241	5525 MU-2351	2175234 gatD;gatC;gatB;gatA;gatZ;gatY	gatY	2174372	8
TU-3555	REV	2169716	2175241	5525 MU-2351	2175250 gatD;gatC;gatB;gatA;gatZ;gatY	gatY	2174372	24
TU-3556	REV	2169716	2175241	5525 MU-2351	2175256 gatD;gatC;gatB;gatA;gatZ;gatY	gatY	2174372	30
TU-3557	REV	2175391	2176641	1250 MU-2352	2176631 fbaB	fbaB	2175534	45
TU-3558	REV	2175391	2176641	1250 MU-2352	2176655 fbaB	fbaB	2175534	69
TU-3559	REV	2179991	2181016	1025 MU-2353	2180828 yegW	yegW	2180057	25
TU-3560	REV	2181116	2183591	2475 MU-2354	2183456 yegX;thiD;thiM	thiM	2182535	133
TU-3561	REV	2181116	2183591	2475 MU-2354	2183473 yegX;thiD;thiM	thiM	2182535	150
TU-3562	REV	2183641	2183816	175 MU-2355	2183843 rcnR	rcnR	2183546	25
TU-3563	REV	2185416	2190216	4800 MU-2356	2190296 yehA;yehB;yehC;yehD	yehD	2189702	52
TU-3564	REV	2190516	2190866	350 MU-2357	2190865 yehE	yehE	2190537	47
TU-3565	REV	2191116	2192191	1075 MU-2358	2192222 mrp	mrp	2191081	32
TU-3566	REV	2208866	2209191	325 MU-2359	2209224 NT			
TU-3567	REV	2209866	2210291	425 MU-2360	2210248 yehS	yehS	2209748	30
TU-3568	REV	2210366	2212643	2277 MU-2361	2212693 yehT;yehU	yehU	2210981	27
TU-3569	REV	2213718	2217668	3950 MU-2362	2217545 yehW;yehX;yehY;osmF	osmF	2216586	42
TU-3570	REV	2217718	2220043	2325 MU-2363	2220064 bglX	bglX	2217714	53
TU-3571	REV	2221843	2222993	1150 MU-2364	2222949 pbpG	pbpG	2221960	57
TU-3572	REV	2223043	2223668	625 MU-2365	2223673 yohC	yohC	2223066	20
TU-3573	REV	2223043	2223668	625 MU-2365	2223686 yohC	yohC	2223066	33
TU-3574	REV	2224518	2225293	775 MU-2366	2225320 yohF	yohF	2224531	28
TU-3575	REV	2225345	2226780	1435 MU-2367	mdtQ	mdtQ	2225345	
TU-3576	REV	2227268	2228393	1125 MU-2368	2228423 dusC	dusC	2227460	16
TU-3577	REV	2227268	2228393	1125 MU-2368	2228429 dusC	dusC	2227460	22
TU-3578	REV	2234571	2236146	1575 MU-2369	2236029 mgIC	mgIC	2234765	254
TU-3579	REV	2234571	2238671	4100 MU-2369;MU-2370	2238475 mgIC;mgIA;mgIB	mgIB	2237372	105
TU-3580	REV	2238996	2241796	2800 MU-2371	2241821 galS;yeiB;folE	folE	2241006	147
TU-3581	REV	2242671	2244946	2275 MU-2372	2244951 cirA	cirA	2242800	160
TU-3582	REV	2245096	2246646	1550 MU-2373	2246582 lysP	lysP	2245085	28
TU-3583	REV	2246746	2247696	950 MU-2374	2247664 yeiE	yeiE	2246759	24
TU-3584	REV	2247746	2247921	175 MU-2375	2247938 NT			
TU-3585	REV	2250917	2253208	2291 MU-2376	nupX;rihB	rihB	2252267	
TU-3586	REV	2254107	2255357	1250 MU-2377	yeiM	yeiM	2254107	
TU-3587	REV	2255451	2257318	1867 MU-2378	yeiN;yeiC	yeiC	2256377	
TU-3588	REV	2257496	2261596	4100 MU-2379	2261616 fruA;fruK;fruB	fruB	2260387	99
TU-3589	REV	2263063	2263317	254 MU-2380	yeiW	yeiW	2263063	
TU-3590	REV	2275071	2276446	1375 MU-2381	2276298 yejG	yejG	2275915	39
TU-3591	REV	2276621	2278546	1925 MU-2382	2278527 bcr;rsuA	rsuA	2277810	22
TU-3592	REV	2276621	2278546	1925 MU-2382	2278553 bcr;rsuA	rsuA	2277810	48

TU-3593	REV	2276621	2278546	1925 MU-2382	2278566	bcr;rsuA	rsuA	2277810	61
TU-3594	REV	2280897	2282072	1175 MU-2383	2281991	yejK	yejK	2280962	22
TU-3595	REV	2280897	2282072	1175 MU-2383	2282034	yejK	yejK	2280962	65
TU-3596	REV	2284463	2286863	2400 MU-2384	2286797	yejO	yejO	2284412	-139
TU-3597	REV	2286938	2288113	1175 MU-2385	2288240	insH	insH	2287087	137
TU-3598	REV	2288136	2288202	66 MU-2384-1		yejO	yejO	2288136	
TU-3599	REV	2289663	2295938	6275 MU-2386	2295930	ccmH;ccmG;ccmF;ccmE;ccmD;ccmC;ccmB;c cmA	ccmA	2295043	264
TU-3600	REV	2296163	2300938	4775 MU-2387		napC;napB;napH;napG;napA;napD	napA	2298289	
TU-3601	REV	2302463	2304825	2362 MU-2388	2304826	mqo	mqo	2303130	50
TU-3602	REV	2305050	2306825	1775 MU-2389	2306662	yojI	yojI	2304994	25
TU-3603	REV	2307000	2308575	1575 MU-2390	2308429	alkB;ada	ada	2307363	2
TU-3604	REV	2308700	2311000	2300 MU-2391	2310826	apbE;ompC	ompC	2309668	55
TU-3605	REV	2308700	2311000	2300 MU-2391	2310858	apbE;ompC	ompC	2309668	87
TU-3606	REV	2314775	2318100	3325 MU-2392	2318151	rcsC	rcsC	2315049	253
TU-3607	REV	2325389	2334666	9277 MU-2393		yfaP;yfaQ;yfaS;yfaT;yfaA	yfaA	2332978	
TU-3608	REV	2334825	2337450	2625 MU-2394	2337473	gyrA	gyrA	2334815	31
TU-3609	REV	2334825	2337450	2625 MU-2394	2337479	gyrA	gyrA	2334815	37
TU-3610	REV	2338575	2339925	1350 MU-2395	2340036	NT			
TU-3611	REV	2338439	2342191	3752 MU-2396		yfaL	yfaL	2338439	
TU-3612	REV	2342616	2342759	143 MU-2397	2342788	ypaB	ypaB	2342616	29
TU-3613	REV	2346875	2347500	625 MU-2398	2347522	inaA	inaA	2346844	28
TU-3614	REV	2347900	2350078	2178 MU-2399	2350000	glpQ;glpT	glpT	2349038	-396
TU-3615	REV	2356204	2360154	3950 MU-2400	2360256	yfaU;yfaV;yfaW;yfaX	yfaX	2359451	23
TU-3616	REV	2360479	2361679	1200 MU-2401	2361677	yfaY	yfaY	2360453	22
TU-3617	REV	2361879	2362304	425 MU-2402	2362329	yfaZ	yfaZ	2361755	32
TU-3618	REV	2361879	2362304	425 MU-2402	2362338	yfaZ	yfaZ	2361755	41
TU-3619	REV	2363040	2363642	602 MU-2403		ais	ais	2363040	
TU-3620	REV	2370879	2371554	675 MU-2404	2371594	pmrD	pmrD	2371294	34
TU-3621	REV	2371654	2375004	3350 MU-2405	2374936	menE;menC;menB	menB	2373984	95
TU-3622	REV	2371654	2378679	7025 MU-2405;MU-2406	2378723	menE;menC;menB;yfbB;menD;menF	menF	2377370	58
TU-3623	REV	2378704	2379154	450 MU-2407	2379075	elaB	elaB	2378744	26
TU-3624	REV	2379179	2379554	375 MU-2408	2379587	elaA	elaA	2379104	22
TU-3625	REV	2382530	2383755	1225 MU-2409	2383776	yfbK	yfbK	2382017	32
TU-3626	REV	2382530	2383755	1225 MU-2409	2383833	yfbK	yfbK	2382017	89
TU-3627	REV	2385732	2386448	716 MU-2410		yfbN	yfbN	2385732	
TU-3628	REV	2387905	2403505	15600 MU-2411	2403158	nuoN;nuoM;nuoL;nuoK;nuoJ;nuoI;nuoH;nuo G;nuoF;nuoE;nuoC;nuoB;nuoA	nuoA	2402651	64
TU-3629	REV	2387905	2403505	15600 MU-2411	2403180	nuoN;nuoM;nuoL;nuoK;nuoJ;nuoI;nuoH;nuo G;nuoF;nuoE;nuoC;nuoB;nuoA	nuoA	2402651	86
TU-3630	REV	2387905	2403505	15600 MU-2411	2403201	nuoN;nuoM;nuoL;nuoK;nuoJ;nuoI;nuoH;nuo G;nuoF;nuoE;nuoC;nuoB;nuoA	nuoA	2402651	107
TU-3631	REV	2387905	2403505	15600 MU-2411	2403219	nuoN;nuoM;nuoL;nuoK;nuoJ;nuoI;nuoH;nuo G;nuoF;nuoE;nuoC;nuoB;nuoA	nuoA	2402651	125
TU-3632	REV	2387905	2403505	15600 MU-2411	2403397	nuoN;nuoM;nuoL;nuoK;nuoJ;nuoI;nuoH;nuo G;nuoF;nuoE;nuoC;nuoB;nuoA	nuoA	2402651	303

TU-3633	REV	2403697	2405097	1400 MU-2412	2404785	lrhA	lrhA	2403725	122
TU-3634	REV	2403697	2405097	1400 MU-2412	2405023	lrhA	lrhA	2403725	360
TU-3635	REV	2403697	2405097	1400 MU-2412	2405123	lrhA	lrhA	2403725	460
TU-3636	REV	2407547	2409372	1825 MU-2413	2409504	yfbS	yfbS	2407542	130
TU-3637	REV	2409472	2410647	1175 MU-2414	2410652	yfbT;yfbU	yfbU	2410122	36
TU-3638	REV	2409472	2410647	1175 MU-2414	2410658	yfbT;yfbU	yfbU	2410122	42
TU-3639	REV	2409472	2410647	1175 MU-2414	2410667	yfbT;yfbU	yfbU	2410122	51
TU-3640	REV	2410697	2411772	1075 MU-2415	2411591	yfbV	yfbV	2410699	437
TU-3641	REV	2410697	2411772	1075 MU-2415	2411704	yfbV	yfbV	2410699	550
TU-3642	REV	2416672	2417847	1175 MU-2416	2417830	yfcD;yfcE	yfcE	2417256	20
TU-3643	REV	2417897	2418547	650 MU-2417	2418525	yfcF	yfcF	2417863	18
TU-3644	REV	2417897	2418547	650 MU-2417	2418532	yfcF	yfcF	2417863	25
TU-3645	REV	2420672	2421297	625 MU-2418		yfcI	yfcI	2420671	
TU-3646	REV	2421497	2424897	3400 MU-2419	2424837	hisP;hisM;hisQ;hisJ	hisJ	2424028	27
TU-3647	REV	2421497	2424897	3400 MU-2419	2424844	hisP;hisM;hisQ;hisJ	hisJ	2424028	34
TU-3648	REV	2421497	2424897	3400 MU-2419	2424859	hisP;hisM;hisQ;hisJ	hisJ	2424028	49
TU-3649	REV	2424922	2425922	1000 MU-2420	2425901	argT	argT	2425031	88
TU-3650	REV	2424922	2425922	1000 MU-2420	2425959	argT	argT	2425031	146
TU-3651	REV	2426172	2428672	2500 MU-2421	2428847	ubiX;purF;cvpA	cvpA	2428297	62
TU-3652	REV	2428697	2429672	975 MU-2422	2429694	dedD	dedD	2429044	-12
TU-3653	REV	2428697	2429672	975 MU-2422	2429833	dedD	dedD	2429044	127
TU-3654	REV	2429697	2432122	2425 MU-2423	2431995	folC;accD	accD	2431034	47
TU-3655	REV	2429697	2432122	2425 MU-2423	2432036	folC;accD	accD	2431034	88
TU-3656	REV	2432147	2433397	1250 MU-2424	2433217	dedA	dedA	2432104	454
TU-3657	REV	2432147	2435247	3100 MU-2424;MU-2425	2435363	dedA;truA;usg	usg	2433658	692
TU-3658	REV	2432147	2435872	3725 MU-2424;MU-2425;MU-2426	2435905	dedA;truA;usg;pdxB	pdxB	2434737	32
TU-3659	REV	2436964	2438142	1178 MU-2427		yfcJ	yfcJ	2436964	
TU-3660	REV	2438347	2439722	1375 MU-2428	2439663	fabB	fabB	2438407	36
TU-3661	REV	2441747	2442447	700 MU-2429	2442251	yfcL	yfcL	2441913	60
TU-3662	REV	2441747	2442447	700 MU-2429	2442286	yfcL	yfcL	2441913	95
TU-3663	REV	2441747	2446473	4726 MU-2429;MU-2430	2446495	yfcL;yfcM;yfcA;mepA;aroC;prmB	prmB	2445530	33
TU-3664	REV	2447073	2448048	975 MU-2431	2447951	NT			
TU-3665	REV	2452323	2452698	375 MU-2432	2452762	NT			
TU-3666	REV	2447250	2453668	6418 MU-2433		yfcO;yfcP;yfcQ;yfcR;yfcS;yfcU;yfcV	yfcV	2453105	
TU-3667	REV	2454348	2454848	500 MU-2434	2454827	sixA	sixA	2454349	-7
TU-3668	REV	2454348	2454848	500 MU-2434	2454938	sixA	sixA	2454349	104
TU-3669	REV	2454898	2458500	3602 MU-2435	2458531	fadJ;fadI	fadI	2457181	40
TU-3670	REV	2458675	2459250	575 MU-2436	2459001	yfcZ	yfcZ	2458672	45
TU-3671	REV	2462328	2463203	875 MU-2437	2463106	vacJ	vacJ	2462274	77
TU-3672	REV	2462328	2463203	875 MU-2437	2463157	vacJ	vacJ	2462274	128
TU-3673	REV	2468553	2468678	125 MU-2438	2468671	NT			
TU-3674	REV	2468553	2468678	125 MU-2438	2468686	NT			
TU-3675	REV	2469099	2471346	2247 MU-2439		yfdK;yfdL;yfdM;yfdN;yfdO	yfdO	2470900	
TU-3676	REV	2474803	2475628	825 MU-2440	2475745	dsdC	dsdC	2474716	94
TU-3677	REV	2478660	2481361	2701 MU-2441		emrY;emrK	emrK	2480198	
TU-3678	REV	2485679	2486379	700 MU-2442	2486315	NT			

TU-3679	REV	2486045	2488208	2163 MU-2443	yfdE;yfdV	yfdV	2487264	
TU-3680	REV	2488278	2491276	2998 MU-2444	oxc;frc	frc	2490026	
TU-3681	REV	2491789	2492424	635 MU-2445	yfdX	yfdX	2491789	
TU-3682	REV	2492854	2493329	475 MU-2446	2493341 yfdY	yfdY	2493072	27
TU-3683	REV	2494216	2494651	435 MU-2447	tpke70	tpke70	2494216	
TU-3684	REV	2495129	2496354	1225 MU-2448	2496467 yfdZ	yfdZ	2495079	150
TU-3685	REV	2500012	2506264	6252 MU-2449	fryA;ypdE;ypdF;fryC;fryB	fryB	2505938	
TU-3686	REV	2506554	2508054	1500 MU-2450	2507954 glk	glk	2506483	506
TU-3687	REV	2509479	2510854	1375 MU-2451	2510851 mntH	mntH	2509490	123
TU-3688	REV	2509479	2510854	1375 MU-2451	2510875 mntH	mntH	2509490	147
TU-3689	REV	2513104	2516004	2900 MU-2452	2515900 yfeA	yfeA	2513665	46
TU-3690	REV	2516054	2516254	200 MU-2453	2516263 alaX;alaW	alaW	2516178	10
TU-3691	REV	2517329	2518779	1450 MU-2454	2518736 gltX	gltX	2517279	42
TU-3692	REV	2517329	2518779	1450 MU-2454	2518746 gltX	gltX	2517279	52
TU-3693	REV	2517329	2518779	1450 MU-2454	2518796 gltX	gltX	2517279	102
TU-3694	REV	2519754	2520429	675 MU-2455	2520518 xapR	xapR	2519615	19
TU-3695	REV	2519754	2520429	675 MU-2455	2520527 xapR	xapR	2519615	28
TU-3696	REV	2520751	2522900	2149 MU-2456	xapB;xapA	xapA	2522067	
TU-3697	REV	2524481	2524806	325 MU-2457	yfeR	yfeR	2523952	
TU-3698	REV	2526156	2528231	2075 MU-2458	2528246 ypeB;ligA	ligA	2526183	48
TU-3699	REV	2528256	2529281	1025 MU-2459	2529301 zipA	zipA	2528269	46
TU-3700	REV	2534456	2535306	850 MU-2460	2535298 pdxK	pdxK	2534408	39
TU-3701	REV	2534456	2535306	850 MU-2460	2535305 pdxK	pdxK	2534408	46
TU-3702	REV	2536106	2541558	5452 MU-2461	2541580 cysM;cysA;cysW;cysU;cysP	cysP	2540534	30
TU-3703	REV	2541710	2542660	950 MU-2462	2542686 ucpA	ucpA	2541854	41
TU-3704	REV	2542960	2543635	675 MU-2463	yfeT	yfeT	2542774	
TU-3705	REV	2547485	2548785	1300 MU-2464	2548612 yfeX	yfeX	2547668	45
TU-3706	REV	2547485	2548785	1300 MU-2464	2548680 yfeX	yfeX	2547668	113
TU-3707	REV	2547485	2550160	2675 MU-2464;MU-2465	2550165 yfeX;yfeY;yfeZ;ypeA	ypeA	2549735	5
TU-3708	REV	2547485	2550160	2675 MU-2464;MU-2465	2550190 yfeX;yfeY;yfeZ;ypeA	ypeA	2549735	30
TU-3709	REV	2547485	2550160	2675 MU-2464;MU-2465	2550324 yfeX;yfeY;yfeZ;ypeA	ypeA	2549735	164
TU-3710	REV	2552260	2556910	4650 MU-2466	2556832 eutR;eutK;eutL;eutC;eutB	eutB	2555340	131
TU-3711	REV	2552260	2556910	4650 MU-2466	2556852 eutR;eutK;eutL;eutC;eutB	eutB	2555340	151
TU-3712	REV	2558985	2559061	76 MU-2467	2559079 NT			
TU-3713	REV	2563503	2566129	2626 MU-2468	eutA;eutH	eutH	2564903	
TU-3714	REV	2566346	2570072	3726 MU-2469	eutG;eutJ;eutE;eutN	eutN	2569785	
TU-3715	REV	2570179	2573827	3648 MU-2470	eutM;eutD;eutT;eutQ;eutP;eutS	eutS	2573492	
TU-3716	REV	2574112	2576512	2400 MU-2471	2576431 maeB	maeB	2574120	32
TU-3717	REV	2574112	2576512	2400 MU-2471	2576547 maeB	maeB	2574120	148
TU-3718	REV	2574112	2576512	2400 MU-2471	2576553 maeB	maeB	2574120	154
TU-3719	REV	2579912	2580812	900 MU-2472	2580921 ypfG	ypfG	2579756	122
TU-3720	REV	2579912	2580812	900 MU-2472	2580929 ypfG	ypfG	2579756	130
TU-3721	REV	2580987	2581487	500 MU-2473	2581523 nudK	nudK	2580925	23
TU-3722	REV	2581568	2583547	1979 MU-2474	aegA	aegA	2581568	
TU-3723	REV	2588763	2589063	300 MU-2475	2588907 ypfM	ypfM	2588829	19
TU-3724	REV	2591113	2591863	750 MU-2476	2591811 ypfH	ypfH	2591094	19

TU-3725	REV	2591113	2594863	3750 MU-2476;MU-2477	2594785 ypfH;ypfI;ypfJ	ypfJ	2593896	26
TU-3726	REV	2591113	2594863	3750 MU-2476;MU-2477	2594806 ypfH;ypfI;ypfJ	ypfJ	2593896	47
TU-3727	REV	2594913	2595788	875 MU-2478	2595666 purC	purC	2594927	26
TU-3728	REV	2594913	2595788	875 MU-2478	2595676 purC	purC	2594927	36
TU-3729	REV	2594913	2595788	875 MU-2478	2595755 purC	purC	2594927	115
TU-3730	REV	2595813	2597813	2000 MU-2479	2597806 bamC;dapA	dapA	2596904	24
TU-3731	REV	2612440	2613915	1475 MU-2480	2613938 yfgO	yfgO	2612842	35
TU-3732	REV	2616065	2616840	775 MU-2481	2616827 hda	hda	2616097	-16
TU-3733	REV	2616065	2618215	2150 MU-2481;MU-2482	2618258 hda;uraA	uraA	2616893	76
TU-3734	REV	2616065	2618215	2150 MU-2481;MU-2482	2618264 hda;uraA	uraA	2616893	82
TU-3735	REV	2618266	2618916	650 MU-2483	2618924 upp	upp	2618268	30
TU-3736	REV	2618266	2618916	650 MU-2483	2618931 upp	upp	2618268	37
TU-3737	REV	2624717	2626960	2243 MU-2484	yfgF	yfgF	2624717	
TU-3738	REV	2628978	2630778	1800 MU-2485	2630583 guaA	guaA	2628980	26
TU-3739	REV	2628978	2630778	1800 MU-2485	2630625 guaA	guaA	2628980	68
TU-3740	REV	2628978	2630778	1800 MU-2485	2630663 guaA	guaA	2628980	106
TU-3741	REV	2628978	2632103	3125 MU-2485;MU-2486	2632099 guaA;guaB	guaB	2630626	7
TU-3742	REV	2628978	2632103	3125 MU-2485;MU-2486	2632112 guaA;guaB	guaB	2630626	20
TU-3743	REV	2628978	2632103	3125 MU-2485;MU-2486	2632120 guaA;guaB	guaB	2630626	28
TU-3744	REV	2628978	2632103	3125 MU-2485;MU-2486	2632127 guaA;guaB	guaB	2630626	35
TU-3745	REV	2633728	2633828	100 MU-2487	2633893 yfgJ	yfgJ	2633621	57
TU-3746	REV	2633878	2635878	2000 MU-2488	2635401 der	der	2633906	23
TU-3747	REV	2633878	2635878	2000 MU-2488	2635441 der	der	2633906	63
TU-3748	REV	2633878	2635878	2000 MU-2488	2635482 der	der	2633906	104
TU-3749	REV	2633878	2635878	2000 MU-2488	2635811 der	der	2633906	433
TU-3750	REV	2635903	2638754	2851 MU-2489	2638708 bamB;yfgM;hisS;sroE	sroE	2638617	0
TU-3751	REV	2638779	2640879	2100 MU-2490	2640937 ispG;yfgA	yfgA	2639853	71
TU-3752	REV	2638779	2640879	2100 MU-2490	2640954 ispG;yfgA	yfgA	2639853	88
TU-3753	REV	2638779	2640879	2100 MU-2490	2641026 ispG;yfgA	yfgA	2639853	160
TU-3754	REV	2640904	2642504	1600 MU-2491	2642409 rlmN	rlmN	2641151	104
TU-3755	REV	2642529	2642954	425 MU-2492	2642905 ndk	ndk	2642455	19
TU-3756	REV	2642529	2642954	425 MU-2492	2642935 trnk	ndk	2642455	49
TU-3757	REV	2643079	2648855	5776 MU-2493	2648867 pbpC	pbpC	2643035	3520
TU-3758	REV	2643079	2650330	7251 MU-2493;MU-2494	2650349 pbpC;yfhM	yfhM	2645348	40
TU-3759	REV	2643079	2650330	7251 MU-2493;MU-2494	2650424 pbpC;yfhM	yfhM	2645348	115
TU-3760	REV	2651410	2651460	50 MU-2495	2651695 C0614	C0614	2651474	135
TU-3761	REV	2652199	2654474	2275 MU-2496	2654561 sseB;pepB	pepB	2653097	181
TU-3762	REV	2652199	2654474	2275 MU-2496	2654589 sseB;pepB	pepB	2653097	209
TU-3763	REV	2654499	2657174	2675 MU-2497	2657012 iscX;fdx;hscA	hscA	2655107	55
TU-3764	REV	2657199	2658052	853 MU-2498	2657928 hscB;iscA	iscA	2657585	20
TU-3765	REV	2657199	2658052	853 MU-2498	2658178 hscB;iscA	iscA	2657585	270
TU-3766	REV	2658077	2660227	2150 MU-2499	2660290 iscU;iscS;iscR	iscR	2659665	137
TU-3767	REV	2660277	2661352	1075 MU-2500	2661369 trmJ	trmJ	2660605	24
TU-3768	REV	2665027	2666927	1900 MU-2501	2666961 hcaT;hcaR	hcaR	2666028	43
TU-3769	REV	2665027	2666927	1900 MU-2501	2666967 hcaT;hcaR	hcaR	2666028	49
TU-3770	REV	2671927	2675502	3575 MU-2502	2675475 yphB;yphC;yphD	yphD	2673849	628

TU-3771	REV	2671927	2675502	3575 MU-2502	2675603 yphB;yphC;yphD	yphD	2673849	756
TU-3772	REV	2671927	2677302	5375 MU-2502;MU-2503	2677426 yphB;yphC;yphD;yphE;yphF	yphF	2676406	37
TU-3773	REV	2671927	2680527	8600 MU-2502;MU-2503;MU-2504	2680419 yphB;yphC;yphD;yphE;yphF;yphG	yphG	2677486	-348
TU-3774	REV	2682152	2683577	1425 MU-2505	2683559 glyA	glyA	2682276	30
TU-3775	REV	2682152	2683577	1425 MU-2505	2683594 glyA	glyA	2682276	65
TU-3776	REV	2685102	2685277	175 MU-2506	2685463 glnB	glnB	2685092	33
TU-3777	REV	2685102	2685277	175 MU-2506	2685545 glnB	glnB	2685092	115
TU-3778	REV	2685302	2688227	2925 MU-2507	2688207 yfhA;yfhG	yfhG	2686815	679
TU-3779	REV	2685302	2688227	2925 MU-2507	2688341 yfhA;yfhG	yfhG	2686815	813
TU-3780	REV	2688302	2689352	1050 MU-2508	2689362 yfhK;glmY	glmY	2689179	0
TU-3781	REV	2689627	2693577	3950 MU-2509	2693611 purL	purL	2689678	46
TU-3782	REV	2695302	2696577	1275 MU-2510	2696606 tadA;yfhB	yfhB	2695937	34
TU-3783	REV	2695302	2696577	1275 MU-2510	2696614 tadA;yfhB	yfhB	2695937	42
TU-3784	REV	2698202	2698377	175 MU-2511	2698358 ryfB	ryfB	2698081	-41
TU-3785	REV	2698714	2702264	3550 MU-2512	2702104 acpS;pdxJ;recO;era;rnc	rnc	2701405	19
TU-3786	REV	2698714	2702264	3550 MU-2512	2702115 acpS;pdxJ;recO;era;rnc	rnc	2701405	30
TU-3787	REV	2698714	2702264	3550 MU-2512	2702123 acpS;pdxJ;recO;era;rnc	rnc	2701405	38
TU-3788	REV	2698714	2702264	3550 MU-2512	2702205 acpS;pdxJ;recO;era;rnc	rnc	2701405	120
TU-3789	REV	2702364	2705289	2925 MU-2513	2705232 lepB;lepA	lepA	2703347	86
TU-3790	REV	2705364	2707439	2075 MU-2514	2707434 rseC;rseB;rseA	rseA	2706776	8
TU-3791	REV	2705364	2707439	2075 MU-2514	2707441 rseC;rseB;rseA	rseA	2706776	15
TU-3792	REV	2705364	2707439	2075 MU-2514	2707472 rseC;rseB;rseA	rseA	2706776	46
TU-3793	REV	2705364	2707439	2075 MU-2514	2707589 rseC;rseB;rseA	rseA	2706776	163
TU-3794	REV	2705364	2707439	2075 MU-2514	2707654 rseC;rseB;rseA	rseA	2706776	228
TU-3795	REV	2707464	2708339	875 MU-2515	2708110 rpoE	rpoE	2707459	76
TU-3796	REV	2707464	2708339	875 MU-2515	2708252 rpoE	rpoE	2707459	218
TU-3797	REV	2709964	2710789	825 MU-2516	2710822 yfiC	yfiC	2710049	36
TU-3798	REV	2712464	2713339	875 MU-2517	2713408 yfiE	yfiE	2712461	66
TU-3799	REV	2713914	2714514	600 MU-2518	2714490 yfiD	yfiD	2714088	19
TU-3800	REV	2713914	2714514	600 MU-2518	2714508 yfiD	yfiD	2714088	37
TU-3801	REV	2713914	2714514	600 MU-2518	2714523 yfiD	yfiD	2714088	52
TU-3802	REV	2713914	2714514	600 MU-2518	2714531 yfiD	yfiD	2714088	60
TU-3803	REV	2713914	2714514	600 MU-2518	2714543 yfiD	yfiD	2714088	72
TU-3804	REV	2715589	2716639	1050 MU-2519	2716576 yfiF	yfiF	2715513	26
TU-3805	REV	2715589	2716639	1050 MU-2519	2716615 yfiF	yfiF	2715513	65
TU-3806	REV	2715589	2716639	1050 MU-2519	2716630 yfiF	yfiF	2715513	80
TU-3807	REV	2722140	2723815	1675 MU-2520	2723834 kgtP	kgtP	2722470	66
TU-3808	REV	2724090	2724215	125 MU-2521	2724210 rrfG	rrfG	2724091	0
TU-3809	REV	2724240	2729344	5104 MU-2522	2729179 rrfG;rrlG;gltW;rrsG	rrsG	2727638	0
TU-3810	REV	2729369	2732194	2825 MU-2523	2732227 clpB	clpB	2729622	32
TU-3811	REV	2732219	2732294	75 MU-2524	2732315 ryfD	ryfD	2732175	-2
TU-3812	REV	2732319	2734119	1800 MU-2525	2734086 yfiH;rluD	rluD	2733053	53
TU-3813	REV	2736069	2736544	475 MU-2526	2736563 NT			
TU-3814	REV	2736994	2739469	2475 MU-2527	2739331 tyrA;aroF	aroF	2738102	159
TU-3815	REV	2742119	2744220	2101 MU-2528	2744276 rplS;trmD;rimM;rpsP	rpsP	2743959	69
TU-3816	REV	2742119	2744220	2101 MU-2528	2744314 rplS;trmD;rimM;rpsP	rpsP	2743959	107

TU-3817	REV	2744245	2745870	1625 MU-2529	2745876 ffh	ffh	2744456	59
TU-3818	REV	2747645	2748820	1175 MU-2530	2748759 grpE	grpE	2748137	29
TU-3819	REV	2747645	2748820	1175 MU-2530	2748769 grpE	grpE	2748137	39
TU-3820	REV	2752045	2752745	700 MU-2531	2752770 yfjF;yfjG	yfjG	2752310	-16
TU-3821	REV	2755666	2756622	956 MU-2532	yfjH	yfjH	2755666	
TU-3822	REV	2759336	2763486	4150 MU-2533	2763334 yfjK;yfjL	yfjL	2761559	159
TU-3823	REV	2763535	2763798	263 MU-2534	yfjM	yfjM	2763535	
TU-3824	REV	2764086	2764211	125 MU-2535	2764225 NT			
TU-3825	REV	2769492	2770017	525 MU-2536	2769887 NT			
TU-3826	REV	2770092	2770967	875 MU-2537	yfjU;yfjV	yfjV	2770189	
TU-3827	REV	2776268	2779593	3325 MU-2538	2779623 NT			
TU-3828	REV	2776168	2780748	4580 MU-2539	ypjA	ypjA	2776168	
TU-3829	REV	2781087	2781326	239 MU-2540	pinH	pinH	2781087	
TU-3830	REV	2781660	2783033	1373 MU-2541	ypjC	ypjC	2781660	
TU-3831	REV	2783799	2783824	25 MU-2542	2783978 ileY	ileY	2783784	119
TU-3832	REV	2794102	2794277	175 MU-2543	2794373 NT			
TU-3833	REV	2794302	2794827	525 MU-2544	2794835 ygaU	ygaU	2794359	27
TU-3834	REV	2794877	2795077	200 MU-2545	2795088 yqaE	yqaE	2794892	38
TU-3835	REV	2794877	2795077	200 MU-2545	2795098 yqaE	yqaE	2794892	48
TU-3836	REV	2794877	2795077	200 MU-2545	2795107 yqaE	yqaE	2794892	57
TU-3837	REV	2796002	2796552	550 MU-2546	2796550 stpA	stpA	2796113	33
TU-3838	REV	2796002	2796552	550 MU-2546	2796559 stpA	stpA	2796113	42
TU-3839	REV	2796002	2796552	550 MU-2546	2796579 stpA	stpA	2796113	62
TU-3840	REV	2796002	2796552	550 MU-2546	2796599 stpA	stpA	2796113	82
TU-3841	REV	2797477	2798177	700 MU-2547	2798154 ygaC	ygaC	2797672	138
TU-3842	REV	2798302	2798702	400 MU-2548	2798693 NT			
TU-3843	REV	2807153	2807578	425 MU-2549	2807603 NT			
TU-3844	REV	2809453	2809503	50 MU-2550	NT			
TU-3845	REV	2812003	2812906	903 MU-2551	2812784 luxS	luxS	2812240	29
TU-3846	REV	2812003	2812906	903 MU-2551	2812837 luxS	luxS	2812240	82
TU-3847	REV	2812003	2812906	903 MU-2551	2812900 luxS	luxS	2812240	145
TU-3848	REV	2812931	2814756	1825 MU-2552	2814612 gshA	gshA	2812905	151
TU-3849	REV	2814806	2815531	725 MU-2553	2815550 yqaA;yqaB	yqaB	2814959	25
TU-3850	REV	2815731	2815856	125 MU-2554	2815942 argQ	argQ	2815806	60
TU-3851	REV	2816081	2816131	50 MU-2555	argZ	argZ	2816081	
TU-3852	REV	2816231	2816281	50 MU-2556	2816357 argY	argY	2816220	61
TU-3853	REV	2816506	2816706	200 MU-2557	2816667 argV;serV	serV	2816575	0
TU-3854	REV	2816931	2817156	225 MU-2558	2817211 csrA	csrA	2816983	43
TU-3855	REV	2816931	2817156	225 MU-2558	2817220 csrA	csrA	2816983	52
TU-3856	REV	2816931	2817156	225 MU-2558	2817295 csrA	csrA	2816983	127
TU-3857	REV	2817181	2820081	2900 MU-2559	2820046 alaS	alaS	2817403	13
TU-3858	REV	2817181	2820081	2900 MU-2559	2820060 alaS	alaS	2817403	27
TU-3859	REV	2817181	2820081	2900 MU-2559	2820112 alaS	alaS	2817403	79
TU-3860	REV	2820161	2820661	500 MU-2560	recX	recX	2820161	
TU-3861	REV	2820781	2821831	1050 MU-2561	2821830 recA	recA	2820730	39
TU-3862	REV	2820781	2821831	1050 MU-2561	2821834 recA	recA	2820730	43

TU-3863	REV	2820781	2821831	1050 MU-2561	2821840 recA	recA	2820730	49
TU-3864	REV	2820781	2821831	1050 MU-2561	2821878 recA	recA	2820730	87
TU-3865	REV	2821881	2822381	500 MU-2562	2822395 ygaD	ygaD	2821871	27
TU-3866	REV	2822531	2823606	1075 MU-2563	2823564 mltB	mltB	2822513	-34
TU-3867	REV	2828856	2830306	1450 MU-2564	2830332 norR	norR	2828797	21
TU-3868	REV	2833581	2835506	1925 MU-2565	2835567 hypF	hypF	2833195	120
TU-3869	REV	2835600	2836127	527 MU-2566	hydN	hydN	2835600	
TU-3870	REV	2836281	2837281	1000 MU-2567	2837310 ascG	ascG	2836276	21
TU-3871	REV	2840606	2841081	475 MU-2568	2841124 hycI	hycI	2840595	59
TU-3872	REV	2840595	2848457	7862 MU-2569	hycI;hycH;hycG;hycF;hycE;hycD;hycC;hycB; hycA	hycA	2847996	
TU-3873	REV	2854506	2854831	325 MU-2570	2854922 ygbA	ygbA	2854475	94
TU-3874	REV	2858532	2859257	725 MU-2571	2859278 ygbI	ygbI	2858489	-8
TU-3875	REV	2864582	2866082	1500 MU-2572	2866141 rpoS	rpoS	2864581	568
TU-3876	REV	2864582	2866857	2275 MU-2572;MU-2573	2866803 rpoS;nlpD	nlpD	2865636	28
TU-3877	REV	2866882	2868482	1600 MU-2574	2868608 pcm;surE	surE	2867535	312
TU-3878	REV	2866882	2868482	1600 MU-2574	2868673 pcm;surE	surE	2867535	377
TU-3879	REV	2868507	2871007	2500 MU-2575	2870979 truD;ispF;ispD;ftsB	ftsB	2870531	137
TU-3880	REV	2871032	2871407	375 MU-2576	ygbE	ygbE	2871036	
TU-3881	REV	2871432	2874382	2950 MU-2577	2874392 cysC;cysN;cysD	cysD	2873443	41
TU-3882	REV	2876257	2876532	275 MU-2578	2876455 NT			
TU-3883	REV	2876607	2876782	175 MU-2579	ygbF	ygbF	2876591	
TU-3884	REV	2876607	2878332	1725 MU-2579;MU-2580	2878363 ygbF;ygbT;ygcH	ygcH	2877810	-46
TU-3885	REV	2876607	2878332	1725 MU-2579;MU-2580	2878413 ygbF;ygbT;ygcH	ygcH	2877810	4
TU-3886	REV	2876607	2879082	2475 MU-2579;MU-2580;MU-2581	2878903 ygbF;ygbT;ygcH;ygcI	ygcI	2878396	-167
TU-3887	REV	2876607	2882160	5553 MU-2579;MU-2580;MU-2581;MU-2582	ygbF;ygbT;ygcH;ygcI;ygcJ;ygcK;ygcL	ygcL	2880652	
TU-3888	REV	2882675	2884250	1575 MU-2583	2884174 NT			
TU-3889	REV	2884425	2885125	700 MU-2584	ygcB	ygcB	2882575	
TU-3890	REV	2885450	2889978	4528 MU-2585	2889945 cysH;cysI;cysJ	cysJ	2888121	25
TU-3891	REV	2885450	2889978	4528 MU-2585	2889976 cysH;cysI;cysJ	cysJ	2888121	56
TU-3892	REV	2885450	2889978	4528 MU-2585	2889985 cysH;cysI;cysJ	cysJ	2888121	65
TU-3893	REV	2892978	2898499	5521 MU-2586	ygcQ;ygcR;ygcS;ygcU;ygcW	ygcW	2897510	
TU-3894	REV	2902088	2902513	425 MU-2587	2902483 NT			
TU-3895	REV	2902813	2903438	625 MU-2588	2903464 ygcF	ygcF	2902769	24
TU-3896	REV	2904663	2906838	2175 MU-2589	2905978 eno	eno	2904665	15
TU-3897	REV	2904663	2906838	2175 MU-2589	2905988 eno	eno	2904665	25
TU-3898	REV	2904663	2906838	2175 MU-2589	2906041 eno	eno	2904665	78
TU-3899	REV	2904663	2906838	2175 MU-2589	2906123 eno	eno	2904665	160
TU-3900	REV	2904663	2906838	2175 MU-2589	2906149 eno	eno	2904665	186
TU-3901	REV	2904663	2906838	2175 MU-2589	2906248 eno	eno	2904665	285
TU-3902	REV	2904663	2907838	3175 MU-2589;MU-2590	2907728 eno;pyrG	pyrG	2906051	40
TU-3903	REV	2907863	2909363	1500 MU-2591	2909279 mazG;chpA;chpR	chpR	2909113	-82
TU-3904	REV	2907863	2909363	1500 MU-2591	2909390 mazG;chpA;chpR	chpR	2909113	29
TU-3905	REV	2909388	2911938	2550 MU-2592	2911869 relA	relA	2909439	196
TU-3906	REV	2909388	2911938	2550 MU-2592	2912027 relA	relA	2909439	354

TU-3907	REV	2911963	2913213	1250 MU-2593	2913051 rumA	rumA	2911721	29
TU-3908	REV	2916188	2920088	3900 MU-2594	gudD;gudX;gudP	gudP	2918770	
TU-3909	REV	2920613	2922163	1550 MU-2595	2922159 yqcA;truC;yqcC	yqcC	2921806	24
TU-3910	REV	2922213	2922588	375 MU-2596	2922546 csrB	csrB	2922178	9
TU-3911	REV	2922213	2922588	375 MU-2596	2922556 csrB	csrB	2922178	19
TU-3912	REV	2922788	2923313	525 MU-2597	2923335 syd	syd	2922757	33
TU-3913	REV	2929940	2931340	1400 MU-2598	fucO;fucA	fucA	2931063	
TU-3914	REV	2938173	2939773	1600 MU-2599	2939689 ygdE;ygdD	ygdD	2939258	36
TU-3915	REV	2938173	2939773	1600 MU-2599	2939796 ygdE;ygdD	ygdD	2939258	143
TU-3916	REV	2939823	2940698	875 MU-2600	2940661 gcvA	gcvA	2939672	72
TU-3917	REV	2940773	2941273	500 MU-2601	2941194 ygdI	ygdI	2940940	27
TU-3918	REV	2940773	2941273	500 MU-2601	2941235 ygdI	ygdI	2940940	68
TU-3919	REV	2943073	2944123	1050 MU-2602	2944074 ygdL	ygdL	2943058	210
TU-3920	REV	2943073	2944123	1050 MU-2602	2944085 ygdL	ygdL	2943058	221
TU-3921	REV	2943073	2944123	1050 MU-2602	2944096 ygdL	ygdL	2943058	232
TU-3922	REV	2943073	2944123	1050 MU-2602	2944175 ygdL	ygdL	2943058	311
TU-3923	REV	2944148	2945298	1150 MU-2603	2945225 mltA	mltA	2944103	25
TU-3924	REV	2945623	2947248	1625 MU-2604	2947086 amiC	amiC	2945779	54
TU-3925	REV	2948673	2954098	5425 MU-2605	2953935 recD;recB	recB	2950483	-90
TU-3926	REV	2948673	2954098	5425 MU-2605	2954000 recD;recB	recB	2950483	-25
TU-3927	REV	2954123	2957000	2877 MU-2606	2957031 ptrA	ptrA	2954018	125
TU-3928	REV	2957075	2960500	3425 MU-2607	recC	recC	2957082	
TU-3929	REV	2960700	2962150	1450 MU-2608	2962199 ppdC;ygdB;ppdB;ppdA	ppdA	2961729	0
TU-3930	REV	2962375	2964300	1925 MU-2609	2964139 thyA;lgt	lgt	2963184	80
TU-3931	REV	2962375	2967000	4625 MU-2609;MU-2610	2967018 thyA;lgt;ptsP;rppH	rppH	2966469	19
TU-3932	REV	2967352	2967498	146 MU-2611	ygdT	ygdT	2967352	
TU-3933	REV	2970728	2972578	1850 MU-2612	2972534 lplT	lplT	2970691	650
TU-3934	REV	2970728	2972578	1850 MU-2612	2972645 lplT	lplT	2970691	761
TU-3935	REV	2972628	2974053	1425 MU-2613	2974072 aas	aas	2971877	36
TU-3936	REV	2974153	2974178	25 MU-2614	2974189 omrA	omrA	2974124	-22
TU-3937	REV	2974253	2974378	125 MU-2615	2974407 omrB	omrB	2974332	0
TU-3938	REV	2975353	2976928	1575 MU-2616	2976947 lysA	lysA	2975659	26
TU-3939	REV	2977803	2980403	2600 MU-2617	2980232 ygeA;araE	araE	2978786	28
TU-3940	REV	2980703	2981978	1275 MU-2618	kduD;kduI	kduI	2981310	
TU-3941	REV	2982530	2983630	1100 MU-2619	2983635 yqeF	yqeF	2982433	21
TU-3942	REV	2987957	2988382	425 MU-2620	yqeK	yqeK	2987957	
TU-3943	REV	2992482	2993114	632 MU-2621	ygeK	ygeK	2992482	
TU-3944	REV	2993336	2994382	1046 MU-2622	ygeN;ygeO	ygeO	2993984	
TU-3945	REV	2994300	2995800	1500 MU-2623	2995918 insD;insC	insC	2995257	296
TU-3946	REV	2995950	2996825	875 MU-2624	ygeQ	ygeQ	2995714	
TU-3947	REV	2996975	2997075	100 MU-2625	2997079 glyU	glyU	2997006	0
TU-3948	REV	2997225	2998125	900 MU-2626	2998266 ygeR	ygeR	2997158	353
TU-3949	REV	3002150	3003850	1700 MU-2627	3003869 ygeV	ygeV	3002030	61
TU-3950	REV	3010479	3013104	2625 MU-2628	3013059 yqeB;yqeC	yqeC	3012309	-20
TU-3951	REV	3014254	3014354	100 MU-2629	NT			
TU-3952	REV	3023279	3023654	375 MU-2630	3023597 NT			

TU-3953	REV	3023279	3023654	375 MU-2630	3023627 NT			
TU-3954	REV	3026552	3028902	2350 MU-2631	ygfS;ygfT	ygfT	3027034	
TU-3955	REV	3031802	3034327	2525 MU-2632	3034313 lysS;prfB	prfB	3033206	9
TU-3956	REV	3031802	3034327	2525 MU-2632	3034336 lysS;prfB	prfB	3033206	32
TU-3957	REV	3031802	3034327	2525 MU-2632	3034346 lysS;prfB	prfB	3033206	42
TU-3958	REV	3034377	3037902	3525 MU-2633	3037790 recJ;dsbC;xerD	xerD	3036869	25
TU-3959	REV	3034377	3037902	3525 MU-2633	3037800 recJ;dsbC;xerD	xerD	3036869	35
TU-3960	REV	3038252	3039252	1000 MU-2634	3039121 ygfX;ygfY	ygfY	3038826	29
TU-3961	REV	3040377	3041202	825 MU-2635	3041333 yqfA	yqfA	3040511	163
TU-3962	REV	3041302	3041702	400 MU-2636	3041676 yqfB	yqfB	3041334	31
TU-3963	REV	3043277	3043902	625 MU-2637	ygfF	ygfF	3043180	
TU-3964	REV	3044127	3047102	2975 MU-2638	3047178 gcvP	gcvP	3044190	115
TU-3965	REV	3044127	3048777	4650 MU-2638;MU-2639	3048789 gcvP;gcvH;gcvT	gcvT	3047595	100
TU-3966	REV	3044127	3048777	4650 MU-2638;MU-2639	3048798 gcvP;gcvH;gcvT	gcvT	3047595	109
TU-3967	REV	3049052	3053477	4425 MU-2640	3053495 visC;ubiH;pepP;ygfB	ygfB	3052888	29
TU-3968	REV	3055202	3056452	1250 MU-2641	3056477 serA	serA	3055200	45
TU-3969	REV	3056652	3057452	800 MU-2642	3057375 rpiA	rpiA	3056688	28
TU-3970	REV	3057403	3057723	320 MU-2643	yqfE	yqfE	3057403	
TU-3971	REV	3064299	3065195	896 MU-2644	ygfI	ygfI	3064299	
TU-3972	REV	3065383	3066133	750 MU-2645	3066137 yggE	yggE	3065362	35
TU-3973	REV	3065383	3066133	750 MU-2645	3066148 yggE	yggE	3065362	46
TU-3974	REV	3066183	3066833	650 MU-2646	3066858 argO	argO	3066195	28
TU-3975	REV	3066933	3067883	950 MU-2647	3067836 mscS	mscS	3066969	7
TU-3976	REV	3066933	3067883	950 MU-2647	3067856 mscS	mscS	3066969	27
TU-3977	REV	3066933	3067883	950 MU-2647	3067893 mscS	mscS	3066969	64
TU-3978	REV	3067958	3069308	1350 MU-2648	3069449 fbaA	fbaA	3068187	183
TU-3979	REV	3067958	3069308	1350 MU-2648	3069477 fbaA	fbaA	3068187	211
TU-3980	REV	3069333	3070883	1550 MU-2649	3070670 pgk	pgk	3069481	26
TU-3981	REV	3069333	3070883	1550 MU-2649	3070703 pgk	pgk	3069481	59
TU-3982	REV	3069333	3070883	1550 MU-2649	3070757 pgk	pgk	3069481	113
TU-3983	REV	3069333	3071908	2575 MU-2649;MU-2650	3071845 pgk;epd	epd	3070694	132
TU-3984	REV	3071958	3073458	1500 MU-2651	3073487 yggC;yggD	yggD	3072708	270
TU-3985	REV	3073239	3077352	4113 MU-2652	ygfF;yggP;cmtA;cmtB	cmtB	3076909	
TU-3986	REV	3077696	3079721	2025 MU-2653	3079737 tktA	tktA	3077666	80
TU-3987	REV	3080621	3081899	1278 MU-2654	3081893 speB	speB	3080899	74
TU-3988	REV	3080621	3081899	1278 MU-2654	3081908 speB	speB	3080899	89
TU-3989	REV	3080621	3081899	1278 MU-2654	3081948 speB	speB	3080899	129
TU-3990	REV	3080621	3081899	1278 MU-2654	3081968 speB	speB	3080899	149
TU-3991	REV	3080621	3081899	1278 MU-2654	3081990 speB	speB	3080899	171
TU-3992	REV	3081924	3083899	1975 MU-2655	3083950 speA	speA	3081957	17
TU-3993	REV	3081924	3083899	1975 MU-2655	3084078 speA	speA	3081957	145
TU-3994	REV	3083924	3084399	475 MU-2656	3084420 yqgB	yqgB	3083942	347
TU-3995	REV	3084421	3084672	251 MU-2657	yqgD	yqgD	3084421	
TU-3996	REV	3092122	3093102	980 MU-2658	3093107 yggR	yggR	3092122	5
TU-3997	REV	3096580	3097587	1007 MU-2659	yggM	yggM	3096580	
TU-3998	REV	3097949	3098749	800 MU-2660	ansB	ansB	3097704	

TU-3999	REV	3098974	3099649	675 MU-2661	3099822 yggN	yggN	3098926	177
TU-4000	REV	3099699	3100249	550 MU-2662	3100179 yggL	yggL	3099829	24
TU-4001	REV	3099699	3100249	550 MU-2662	3100215 yggL	yggL	3099829	60
TU-4002	REV	3099699	3100249	550 MU-2662	3100221 yggL	yggL	3099829	66
TU-4003	REV	3099699	3100249	550 MU-2662	3100257 yggL	yggL	3099829	102
TU-4004	REV	3099699	3100249	550 MU-2662	3100324 yggL	yggL	3099829	169
TU-4005	REV	3099699	3101099	1400 MU-2662;MU-2663	3101025 yggL;trmI	trmI	3100155	151
TU-4006	REV	3105079	3107263	2184 MU-2664	3107281 speC	speC	3105042	104
TU-4007	REV	3105079	3107263	2184 MU-2664	3107308 speC	speC	3105042	131
TU-4008	REV	3108938	3110988	2050 MU-2665	3111057 yghD;yghE;yghF	yghF	3110115	115
TU-4009	REV	3111063	3111938	875 MU-2666	3111570 yghG	yghG	3111089	71
TU-4010	REV	3111063	3111938	875 MU-2666	3111770 yghG	yghG	3111089	271
TU-4011	REV	3111063	3111938	875 MU-2666	3111918 yghG	yghG	3111089	419
TU-4012	REV	3111565	3112374	809 MU-2667	pppA	pppA	3111565	
TU-4013	REV	3112388	3117338	4950 MU-2668	3117349 yghJ	yghJ	3112572	215
TU-4014	REV	3112388	3117338	4950 MU-2668	3117362 yghJ	yghJ	3112572	228
TU-4015	REV	3117788	3119238	1450 MU-2669	3119364 glcA	glcA	3117619	63
TU-4016	REV	3117788	3122838	5050 MU-2669;MU-2670	3122752 glcA;glcB;glcG	glcG	3121849	499
TU-4017	REV	3117788	3122838	5050 MU-2669;MU-2670	3122796 glcA;glcB;glcG	glcG	3121849	543
TU-4018	REV	3117788	3126138	8350 MU-2669;MU-2670;MU-2671	3126098 glcA;glcB;glcG;glcF;glcE;glcD	glcD	3124544	55
TU-4019	REV	3117788	3126138	8350 MU-2669;MU-2670;MU-2671	3126195 glcA;glcB;glcG;glcF;glcE;glcD	glcD	3124544	152
TU-4020	REV	3127065	3128165	1100 MU-2672	yghO	yghO	3127065	
TU-4021	REV	3129363	3131979	2616 MU-2673	yghQ;yghR;yghS	yghS	3131266	
TU-4022	REV	3132894	3134393	1499 MU-2674	pitB	pitB	3132894	
TU-4023	REV	3134713	3136613	1900 MU-2675	3136551 gsp	gsp	3134685	7
TU-4024	REV	3137838	3141188	3350 MU-2676	3141054 hybG;hybF;hybE;hybD;hybC	hybC	3139308	43
TU-4025	REV	3137838	3141188	3350 MU-2676	3141126 hybG;hybF;hybE;hybD;hybC	hybC	3139308	115
TU-4026	REV	3137838	3144413	6575 MU-2676;MU-2677	3144309 hybG;hybF;hybE;hybD;hybC;hybB;hybA;hybO	hybO	3143165	26
TU-4027	REV	3137838	3144413	6575 MU-2676;MU-2677	3144385 hybG;hybF;hybE;hybD;hybC;hybB;hybA;hybO	hybO	3143165	102
TU-4028	REV	3144438	3144763	325 MU-2678	3144780 yghW	yghW	3144472	21
TU-4029	REV	3144863	3145763	900 MU-2679	3145787 yghX	yghX	3144878	74
TU-4030	REV	3147013	3147488	475 MU-2680	3147518 yqhA	yqhA	3146999	25
TU-4031	REV	3148638	3150063	1425 MU-2681	3150038 exbD;exbB	exbB	3149272	32
TU-4032	REV	3151588	3153197	1609 MU-2682	3153212 yqhC	yqhC	3152284	-28
TU-4033	REV	3156072	3156172	100 MU-2683	NT			
TU-4034	REV	3156697	3159222	2525 MU-2684	3159202 ygiQ	ygiQ	3156949	34
TU-4035	REV	3159297	3160672	1375 MU-2685	3160708 ftsP	ftsP	3159279	17
TU-4036	REV	3159297	3160672	1375 MU-2685	3160864 ftsP	ftsP	3159279	173
TU-4037	REV	3160697	3161647	950 MU-2686	3161587 plsC	plsC	3160766	84
TU-4038	REV	3161697	3164024	2327 MU-2687	3164043 parC	parC	3161737	48
TU-4039	REV	3164324	3166574	2250 MU-2688	3166584 ygiS;ygiT;mqsR	mqsR	3166270	18
TU-4040	REV	3166799	3167749	950 MU-2689	3167731 ygiV;ygiW	ygiW	3167306	33
TU-4041	REV	3169901	3170233	332 MU-2690	ygiZ	ygiZ	3169901	
TU-4042	REV	3171477	3173627	2150 MU-2691	3173667 parE	parE	3171526	249

TU-4043	REV	3173652	3174952	1300 MU-2692	3174987 yqiA;cpdA	cpdA	3174028	132
TU-4044	REV	3174977	3175852	875 MU-2693	3176014 yqiB;nudF	nudF	3175303	82
TU-4045	REV	3179852	3180302	450 MU-2694	3180462 ygiD	ygiD	3179641	6
TU-4046	REV	3181327	3181602	275 MU-2695	3181662 NT			
TU-4047	REV	3181327	3181602	275 MU-2695	3181669 NT			
TU-4048	REV	3181327	3181602	275 MU-2695	3181678 NT			
TU-4049	REV	3181827	3182727	900 MU-2696	3182740 ribB;sroG	sroG	3182592	0
TU-4050	REV	3185202	3185427	225 MU-2697	NT			
TU-4051	REV	3189777	3190127	350 MU-2698	3189979 glgS	glgS	3189761	18
TU-4052	REV	3189777	3190127	350 MU-2698	3189986 glgS	glgS	3189761	25
TU-4053	REV	3189777	3190127	350 MU-2698	3189995 glgS	glgS	3189761	34
TU-4054	REV	3189777	3190127	350 MU-2698	3190002 glgS	glgS	3189761	41
TU-4055	REV	3189777	3190127	350 MU-2698	3190011 glgS	glgS	3189761	50
TU-4056	REV	3189777	3190127	350 MU-2698	3190024 glgS	glgS	3189761	63
TU-4057	REV	3190227	3190327	100 MU-2699	3190379 NT			
TU-4058	REV	3192677	3192927	250 MU-2700	3192887 rygD	rygD	3192745	0
TU-4059	REV	3193052	3193352	300 MU-2701	3193271 rygE	rygE	3193121	9
TU-4060	REV	3193402	3194852	1450 MU-2702	3194803 rfaE	rfaE	3193342	28
TU-4061	REV	3194877	3199027	4150 MU-2703	3199054 glnE;ygiF	ygiF	3197686	67
TU-4062	REV	3201252	3202202	950 MU-2704	3202205 bacA	bacA	3201332	52
TU-4063	REV	3201252	3202202	950 MU-2704	3202243 bacA	bacA	3201332	90
TU-4064	REV	3202252	3202627	375 MU-2705	3202659 folB	folB	3202243	48
TU-4065	REV	3203577	3204277	700 MU-2706	3204386 ttdR	ttdR	3203346	108
TU-4066	REV	3207427	3208552	1125 MU-2707	3208588 ygjD	ygjD	3207552	23
TU-4067	REV	3212777	3213602	825 MU-2708	3213518 mug	mug	3212989	23
TU-4068	REV	3212777	3213602	825 MU-2708	3213543 mug	mug	3212989	48
TU-4069	REV	3213777	3214527	750 MU-2709	3214559 yqjH	yqjH	3213749	46
TU-4070	REV	3215427	3217102	1675 MU-2710	3217140 aer	aer	3215578	42
TU-4071	REV	3218937	3219269	332 MU-2711	ygjH	ygjH	3218937	
TU-4072	REV	3231753	3232603	850 MU-2712	3232782 ygjM;ygjN	ygjN	3232163	305
TU-4073	REV	3232753	3233903	1150 MU-2713	3233919 rlmG	rlmG	3232761	22
TU-4074	REV	3240395	3242920	2525 MU-2714	3242809 ygjV;uxaA;uxaC	uxaC	3241351	46
TU-4075	REV	3251399	3252274	875 MU-2715	3252264 yhaJ	yhaJ	3251340	28
TU-4076	REV	3253774	3255949	2175 MU-2716	3256371 yhaM;yhaO	yhaO	3254701	339
TU-4077	REV	3256307	3265087	8780 MU-2717	tdcG;tdcF;tdcE;tdcD;tdcC;tdcB;tdcA	tdcA	3264149	
TU-4078	REV	3267826	3268645	819 MU-2718	3268614 rnpB	rnpB	3268238	0
TU-4079	REV	3268695	3272045	3350 MU-2719	garK;garR;garL;garP	garP	3271595	
TU-4080	REV	3275695	3276695	1000 MU-2720	3276727 agaR	agaR	3275878	40
TU-4081	REV	3287196	3287921	725 MU-2721	3287928 NT			
TU-4082	REV	3290271	3291646	1375 MU-2722	yraL	yraL	3290497	
TU-4083	REV	3291996	3292496	500 MU-2723	3292525 NT			
TU-4084	REV	3295121	3296921	1800 MU-2724	3296934 yraQ;yraR	yraR	3296233	66
TU-4085	REV	3297521	3297971	450 MU-2725	3297958 yhbP	yhbP	3297494	21
TU-4086	REV	3298196	3299421	1225 MU-2726	3299323 yhbS;yhbT	yhbT	3298774	25
TU-4087	REV	3298196	3299421	1225 MU-2726	3299434 yhbS;yhbT	yhbT	3298774	136
TU-4088	REV	3302646	3303846	1200 MU-2727	3303882 mtr	mtr	3302595	43

TU-4089	REV	3303946	3306196	2250 MU-2728	3306034	deaD	deaD	3303993	152
TU-4090	REV	3306221	3307096	875 MU-2729	3307126	nlpI	nlpI	3306062	180
TU-4091	REV	3307121	3309346	2225 MU-2730	3309271	pnp	pnp	3307055	81
TU-4092	REV	3307121	3309346	2225 MU-2730	3309309	pnp	pnp	3307055	119
TU-4093	REV	3309446	3309796	350 MU-2731	3309768	rpsO	rpsO	3309437	62
TU-4094	REV	3309446	3309796	350 MU-2731	3309806	rpsO	rpsO	3309437	100
TU-4095	REV	3309446	3311196	1750 MU-2731;MU-2732	3311247	rpsO;truB;rbfA	rbfA	3310799	47
TU-4096	REV	3309446	3316071	6625 MU-2731;MU-2732;MU-2733	3316071	rpsO;truB;rbfA;infB;nusA;yhbC	yhbC	3315576	37
TU-4097	REV	3309446	3316071	6625 MU-2731;MU-2732;MU-2733	3316119	rpsO;truB;rbfA;infB;nusA;yhbC	yhbC	3315576	85
TU-4098	REV	3309446	3316071	6625 MU-2731;MU-2732;MU-2733	3316211	rpsO;truB;rbfA;infB;nusA;yhbC	yhbC	3315576	177
TU-4099	REV	3316121	3316396	275 MU-2734	3316311	metY	metY	3316235	0
TU-4100	REV	3316121	3316396	275 MU-2734	3316397	metY	metY	3316235	86
TU-4101	REV	3318010	3319635	1625 MU-2735		yhbX	yhbX	3318010	
TU-4102	REV	3320096	3320696	600 MU-2736	3320611	leuU;secG	secG	3320195	84
TU-4103	REV	3320746	3322296	1550 MU-2737	3322307	glmM	glmM	3320755	215
TU-4104	REV	3320746	3322296	1550 MU-2737	3322347	glmM	glmM	3320755	255
TU-4105	REV	3322321	3323596	1275 MU-2738	3323252	folP	folP	3322085	319
TU-4106	REV	3322321	3323596	1275 MU-2738	3323526	folP	folP	3322085	593
TU-4107	REV	3323621	3324996	1375 MU-2739	3325000	hflB	hflB	3323023	43
TU-4108	REV	3323621	3325721	2100 MU-2739;MU-2740	3325753	hflB;rrmJ	rrmJ	3325057	67
TU-4109	REV	3325746	3326871	1125 MU-2741	3326835	greA	greA	3326261	98
TU-4110	REV	3325746	3326871	1125 MU-2741	3326874	greA	greA	3326261	137
TU-4111	REV	3328196	3330046	1850 MU-2742	3330183	obgE	obgE	3328604	407
TU-4112	REV	3328196	3330796	2600 MU-2742;MU-2743	3330932	obgE;yhbE	yhbE	3329792	175
TU-4113	REV	3330871	3331621	750 MU-2744	3331479	rplU	rplU	3331162	6
TU-4114	REV	3330871	3331621	750 MU-2744	3331529	rplU	rplU	3331162	56
TU-4115	REV	3330871	3331621	750 MU-2744	3331538	rplU	rplU	3331162	65
TU-4116	REV	3333121	3334471	1350 MU-2745	3334539	murA	murA	3333257	23
TU-4117	REV	3333121	3334471	1350 MU-2745	3334577	murA	murA	3333257	61
TU-4118	REV	3334496	3334921	425 MU-2746	3334854	yrbA	yrbA	3334571	29
TU-4119	REV	3334946	3335896	950 MU-2747	3336077	yrbB;yrbC	yrbC	3335278	164
TU-4120	REV	3334946	3335896	950 MU-2747	3336084	yrbB;yrbC	yrbC	3335278	171
TU-4121	REV	3334946	3338247	3301 MU-2747;MU-2748	3338123	yrbB;yrbC;yrbD;yrbE;yrbF	yrbF	3337278	36
TU-4122	REV	3334946	3338247	3301 MU-2747;MU-2748	3338154	yrbB;yrbC;yrbD;yrbE;yrbF	yrbF	3337278	67
TU-4123	REV	3347272	3348654	1382 MU-2749	3348510	mtgA;elbB	elbB	3347828	29
TU-4124	REV	3347272	3348654	1382 MU-2749	3348532	mtgA;elbB	elbB	3347828	51
TU-4125	REV	3347272	3348654	1382 MU-2749	3348571	mtgA;elbB	elbB	3347828	90
TU-4126	REV	3348704	3351029	2325 MU-2750	3351071	arcB	arcB	3348711	24
TU-4127	REV	3351204	3352054	850 MU-2751	3352167	yhcC	yhcC	3351143	95
TU-4128	REV	3358804	3358879	75 MU-2752	3358901	NT			
TU-4129	REV	3363579	3364754	1175 MU-2753		insH	insH	3363724	
TU-4130	REV	3365729	3365754	25 MU-2754	3365791	NT			
TU-4131	REV	3367134	3371609	4475 MU-2755	3371642	yhcH;nanK;nanE;nanT;nanA	nanA	3370705	44
TU-4132	REV	3371734	3372509	775 MU-2756	3372540	nanR	nanR	3371720	29
TU-4133	REV	3374309	3375559	1250 MU-2757	3375467	sspB;sspA	sspA	3374804	25
TU-4134	REV	3374309	3375559	1250 MU-2757	3375504	sspB;sspA	sspA	3374804	62

TU-4135	REV	3374309	3375559	1250 MU-2757	3375587 sspB;sspA	sspA	3374804	145
TU-4136	REV	3375859	3376809	950 MU-2758	3376678 rpsI;rpIM	rpIM	3376245	5
TU-4137	REV	3375859	3376809	950 MU-2758	3376692 rpsI;rpIM	rpIM	3376245	19
TU-4138	REV	3375859	3376809	950 MU-2758	3376796 rpsI;rpIM	rpIM	3376245	123
TU-4139	REV	3375859	3376809	950 MU-2758	3376830 rpsI;rpIM	rpIM	3376245	157
TU-4140	REV	3376909	3378084	1175 MU-2759	3378033 yhcM	yhcM	3376892	14
TU-4141	REV	3376909	3378084	1175 MU-2759	3378078 yhcM	yhcM	3376892	59
TU-4142	REV	3381359	3382509	1150 MU-2760	3382316 mdh	mdh	3381352	26
TU-4143	REV	3381359	3382509	1150 MU-2760	3382336 mdh	mdh	3381352	46
TU-4144	REV	3381359	3382509	1150 MU-2760	3382494 mdh	mdh	3381352	204
TU-4145	REV	3383878	3384178	300 MU-2761	3384191 yhcO	yhcO	3383879	40
TU-4146	REV	3385178	3387453	2275 MU-2762	3387503 aaeB;aaeA;aaeX	aaeX	3387156	144
TU-4147	REV	3388578	3390578	2000 MU-2763	3390086 tldD	tldD	3388605	36
TU-4148	REV	3388578	3390578	2000 MU-2763	3390139 tldD	tldD	3388605	89
TU-4149	REV	3388578	3390578	2000 MU-2763	3390443 tldD	tldD	3388605	393
TU-4150	REV	3388578	3390578	2000 MU-2763	3390673 tldD	tldD	3388605	623
TU-4151	REV	3390628	3395978	5350 MU-2764	3395947 yhdP;rng	rng	3394348	130
TU-4152	REV	3390628	3395978	5350 MU-2764	3396009 yhdP;rng	rng	3394348	192
TU-4153	REV	3396003	3396528	525 MU-2765	3396618 yhdE	yhdE	3395807	218
TU-4154	REV	3396003	3396528	525 MU-2765	3396643 yhdE	yhdE	3395807	243
TU-4155	REV	3396553	3399378	2825 MU-2766	3399149 mreD;mreC;mreB	mreB	3398066	40
TU-4156	REV	3396553	3399378	2825 MU-2766	3399214 mreD;mreC;mreB	mreB	3398066	105
TU-4157	REV	3399453	3401403	1950 MU-2767	3401381 csrD	csrD	3399414	27
TU-4158	REV	3408156	3408256	100 MU-2768	3408239 NT			
TU-4159	REV	3410825	3411487	662 MU-2769	envR	envR	3410825	
TU-4160	REV	3421432	3427207	5775 MU-2770	3427033 rrfF;thrV;rrfD;rrlD;alaU;ileU;rrsD	rrsD	3425243	249
TU-4161	REV	3421432	3427207	5775 MU-2770	3427071 rrfF;thrV;rrfD;rrlD;alaU;ileU;rrsD	rrsD	3425243	287
TU-4162	REV	3427757	3429032	1275 MU-2771	3429107 yrdB;aroE	aroE	3428042	247
TU-4163	REV	3427757	3430032	2275 MU-2771;MU-2772	3430049 yrdB;aroE;rimN;yrdD	yrdD	3429442	65
TU-4164	REV	3430057	3430707	650 MU-2773	3430625 smg	smg	3430013	139
TU-4165	REV	3430757	3431632	875 MU-2774	3431625 smf	smf	3430458	43
TU-4166	REV	3436082	3437532	1450 MU-2775	3437566 yhdL;zntR;yhdN	yhdN	3437163	35
TU-4167	REV	3437647	3441122	3475 MU-2776	3440574 rplQ;rpoA;rpsD;rpsK;rpsM	rpsM	3440137	81
TU-4168	REV	3437647	3441122	3475 MU-2776	3440580 rplQ;rpoA;rpsD;rpsK;rpsM	rpsM	3440137	87
TU-4169	REV	3437647	3441122	3475 MU-2776	3440584 rplQ;rpoA;rpsD;rpsK;rpsM	rpsM	3440137	91
TU-4170	REV	3437647	3441122	3475 MU-2776	3440615 rplQ;rpoA;rpsD;rpsK;rpsM	rpsM	3440137	122
TU-4171	REV	3437647	3441122	3475 MU-2776	3440622 rplQ;rpoA;rpsD;rpsK;rpsM	rpsM	3440137	129
TU-4172	REV	3437647	3441122	3475 MU-2776	3440636 rplQ;rpoA;rpsD;rpsK;rpsM	rpsM	3440137	143
TU-4173	REV	3441147	3446347	5200 MU-2777	3446318 rpmJ;secY;rplO;rpmD;rpsE;rplR;rplF;rpsH;rp sN;rplE;rplX;rplN	rplN	3445800	147
TU-4174	REV	3441147	3446347	5200 MU-2777	3446323 rpmJ;secY;rplO;rpmD;rpsE;rplR;rplF;rpsH;rp sN;rplE;rplX;rplN	rplN	3445800	152
TU-4175	REV	3441147	3446347	5200 MU-2777	3446364 rpmJ;secY;rplO;rpmD;rpsE;rplR;rplF;rpsH;rp sN;rplE;rplX;rplN	rplN	3445800	193
TU-4176	REV	3446372	3451497	5125 MU-2778	3451312 rpsQ;rpmC;rplP;rpsC;rplV;rpsS;rplB;rplW;rpl D;rplC;rpsJ	rpsJ	3450981	20

TU-4177	REV	3451547	3452172	625 MU-2779	3451985 gspB	gspB	3451530	36
TU-4178	REV	3451547	3453420	1873 MU-2779;MU-2780	gspB;gspA	gspA	3451951	
TU-4179	REV	3463847	3464747	900 MU-2781	3464770 bfr	bfr	3464271	23
TU-4180	REV	3464797	3464997	200 MU-2782	3465032 bfd	bfd	3464819	19
TU-4181	REV	3465297	3467372	2075 MU-2783	chiA	chiA	3465182	
TU-4182	REV	3468172	3469522	1350 MU-2784	3469359 tufA	tufA	3468167	8
TU-4183	REV	3468172	3469522	1350 MU-2784	3469402 tufA	tufA	3468167	51
TU-4184	REV	3468172	3469522	1350 MU-2784	3469412 tufA	tufA	3468167	61
TU-4185	REV	3468172	3469522	1350 MU-2784	3469419 tufA	tufA	3468167	68
TU-4186	REV	3468172	3469522	1350 MU-2784	3469443 tufA	tufA	3468167	92
TU-4187	REV	3469547	3472824	3277 MU-2785	3472640 fusA;rpsG;rpsL	rpsL	3472200	66
TU-4188	REV	3469547	3472824	3277 MU-2785	3472650 fusA;rpsG;rpsL	rpsL	3472200	76
TU-4189	REV	3472849	3474574	1725 MU-2786	3474466 yheL;yheM;yheN;yheO	yheO	3473740	4
TU-4190	REV	3472849	3474574	1725 MU-2786	3474524 yheL;yheM;yheN;yheO	yheO	3473740	62
TU-4191	REV	3472849	3474574	1725 MU-2786	3474563 yheL;yheM;yheN;yheO	yheO	3473740	101
TU-4192	REV	3474649	3475524	875 MU-2787	3475488 fkpA	fkpA	3474629	47
TU-4193	REV	3474649	3475524	875 MU-2787	3475547 fkpA	fkpA	3474629	106
TU-4194	REV	3475874	3476449	575 MU-2788	3476403 slyD	slyD	3475929	-116
TU-4195	REV	3475874	3476449	575 MU-2788	3476580 slyD	slyD	3475929	61
TU-4196	REV	3476474	3479249	2775 MU-2789	3479273 yheV;kefB;kefG	kefG	3478629	90
TU-4197	REV	3483074	3483849	775 MU-2790	3483867 yhfA	yhfA	3483436	27
TU-4198	REV	3483074	3483849	775 MU-2790	3483974 yhfA	yhfA	3483436	134
TU-4199	REV	3486799	3488224	1425 MU-2791	3488232 argD	argD	3486982	30
TU-4200	REV	3486799	3488224	1425 MU-2791	3488243 argD	argD	3486982	41
TU-4201	REV	3488274	3489649	1375 MU-2792	3489670 pabA;fic;yhfG	yhfG	3489475	28
TU-4202	REV	3489774	3490424	650 MU-2793	3490351 ppiA	ppiA	3489747	32
TU-4203	REV	3489774	3490424	650 MU-2793	3490357 ppiA	ppiA	3489747	38
TU-4204	REV	3490474	3490624	150 MU-2794	3490712 NT			
TU-4205	REV	3502987	3510362	7375 MU-2795	3510372 yhfS;yhfT;yhfU;php;yhfW;yhfX;yhfY;yhfZ	yhfZ	3509461	6
TU-4206	REV	3502987	3510362	7375 MU-2795	3510389 yhfS;yhfT;yhfU;php;yhfW;yhfX;yhfY;yhfZ	yhfZ	3509461	23
TU-4207	REV	3510612	3511687	1075 MU-2796	3511720 trpS	trpS	3510656	60
TU-4208	REV	3510612	3511687	1075 MU-2796	3511773 trpS	trpS	3510656	113
TU-4209	REV	3510612	3513287	2675 MU-2796;MU-2797	3513213 trpS;gph;rpe	rpe	3512404	132
TU-4210	REV	3510612	3514137	3525 MU-2796;MU-2797;MU-2798	3514323 trpS;gph;rpe;dam	dam	3513099	388
TU-4211	REV	3510612	3515637	5025 MU-2796;MU-2797;MU-2798;MU-2799	3515537 trpS;gph;rpe;dam;damX	damX	3514042	209
TU-4212	REV	3510612	3517387	6775 MU-2796;MU-2797;MU-2798;MU-2799;MU-2800	3517188 trpS;gph;rpe;dam;damX;aroB;aroK	aroK	3516565	102
TU-4213	REV	3510612	3517387	6775 MU-2796;MU-2797;MU-2798;MU-2799;MU-2800	3517403 trpS;gph;rpe;dam;damX;aroB;aroK	aroK	3516565	317
TU-4214	REV	3517712	3520837	3125 MU-2801	3520825 hofQ;hofP;hofO;hofN;hofM	hofM	3519994	52
TU-4215	REV	3523537	3524212	675 MU-2802	3524195 nudE	nudE	3523611	24
TU-4216	REV	3523537	3524212	675 MU-2802	3524254 nudE	nudE	3523611	83
TU-4217	REV	3523537	3524212	675 MU-2802	3524265 nudE	nudE	3523611	94
TU-4218	REV	3528762	3530612	1850 MU-2803	3530485 yhgE	yhgE	3528737	24
TU-4219	REV	3528762	3530612	1850 MU-2803	3530543 yhgE	yhgE	3528737	82

TU-4220	REV	3532563	3534738	2175 MU-2804	3534707 envZ;ompR	ompR	3533887	101
TU-4221	REV	3532563	3534738	2175 MU-2804	3534729 envZ;ompR	ompR	3533887	123
TU-4222	REV	3532563	3534738	2175 MU-2804	3534768 envZ;ompR	ompR	3533887	162
TU-4223	REV	3537863	3538013	150 MU-2805	NT			
TU-4224	REV	3537863	3538013	150 MU-2805	NT			
TU-4225	REV	3542213	3542863	650 MU-2806	3542897 bioH	bioH	3542096	31
TU-4226	REV	3546013	3550613	4600 MU-2807	3550532 malQ;malP	malP	3548102	37
TU-4227	REV	3553863	3556239	2376 MU-2808	3556144 rtcA;rtcB	rtcB	3554875	43
TU-4228	REV	3553863	3556239	2376 MU-2808	3556160 rtcA;rtcB	rtcB	3554875	59
TU-4229	REV	3553863	3556239	2376 MU-2808	3556197 rtcA;rtcB	rtcB	3554875	96
TU-4230	REV	3553863	3556239	2376 MU-2808	3556202 rtcA;rtcB	rtcB	3554875	101
TU-4231	REV	3557864	3558914	1050 MU-2809	3558752 glpR	glpR	3557870	124
TU-4232	REV	3557864	3558914	1050 MU-2809	3558903 glpR	glpR	3557870	275
TU-4233	REV	3557864	3559889	2025 MU-2809;MU-2810	3559883 glpR;glpG;glpE	glpE	3559520	37
TU-4234	REV	3561489	3561989	500 MU-2811	yzgL	yzgL	3561747	
TU-4235	REV	3562089	3566522	4433 MU-2812	3566419 glgP;glgA	glgA	3564623	363
TU-4236	REV	3562089	3567522	5433 MU-2812;MU-2813	3567411 glgP;glgA;glgC	glgC	3566056	60
TU-4237	REV	3562089	3567522	5433 MU-2812;MU-2813	3567480 glgP;glgA;glgC	glgC	3566056	129
TU-4238	REV	3562089	3567522	5433 MU-2812;MU-2813	3567595 glgP;glgA;glgC	glgC	3566056	244
TU-4239	REV	3562089	3571622	9533 MU-2812;MU-2813;MU-2814	3571644 glgP;glgA;glgC;glgX;glgB	glgB	3569339	119
TU-4240	REV	3562089	3571622	9533 MU-2812;MU-2813;MU-2814	3571787 glgP;glgA;glgC;glgX;glgB	glgB	3569339	262
TU-4241	REV	3562089	3571622	9533 MU-2812;MU-2813;MU-2814	3571792 glgP;glgA;glgC;glgX;glgB	glgB	3569339	267
TU-4242	REV	3571647	3572997	1350 MU-2815	3572903 asd	asd	3571798	2
TU-4243	REV	3574147	3575622	1475 MU-2816	3574307 gntU;gntK	gntK	3575088	-1308
TU-4244	REV	3575697	3576922	1225 MU-2817	3576961 gntR	gntR	3575754	212
TU-4245	REV	3577022	3578897	1875 MU-2818	3578831 yhhW;yhhX	yhhX	3577791	3
TU-4246	REV	3577022	3578897	1875 MU-2818	3578852 yhhW;yhhX	yhhX	3577791	24
TU-4247	REV	3578972	3579022	50 MU-2819	3579039 ryhB	ryhB	3578950	0
TU-4248	REV	3581495	3582320	825 MU-2820	3582323 NT			
TU-4249	REV	3583195	3584845	1650 MU-2821	3584877 ggt	ggt	3583104	31
TU-4250	REV	3583195	3584845	1650 MU-2821	3585024 ggt	ggt	3583104	178
TU-4251	REV	3585520	3590420	4900 MU-2822	3590437 ugpQ;ugpC;ugpE;ugpA;ugpB	ugpB	3589032	89
TU-4252	REV	3585520	3590420	4900 MU-2822	3590449 ugpQ;ugpC;ugpE;ugpA;ugpB	ugpB	3589032	101
TU-4253	REV	3590520	3595749	5229 MU-2823	3595627 livF;livG;livM;livH;livK	livK	3594474	44
TU-4254	REV	3590520	3595749	5229 MU-2823	3595638 livF;livG;livM;livH;livK	livK	3594474	55
TU-4255	REV	3590520	3595749	5229 MU-2823	3595744 livF;livG;livM;livH;livK	livK	3594474	161
TU-4256	REV	3590520	3595749	5229 MU-2823	3595769 livF;livG;livM;livH;livK	livK	3594474	186
TU-4257	REV	3596274	3597774	1500 MU-2824	3597715 livJ	livJ	3596578	34
TU-4258	REV	3596274	3597774	1500 MU-2824	3597785 livJ	livJ	3596578	104
TU-4259	REV	3597949	3599049	1100 MU-2825	3598820 rpoH	rpoH	3597952	14
TU-4260	REV	3597949	3599049	1100 MU-2825	3598872 rpoH	rpoH	3597952	66
TU-4261	REV	3597949	3599049	1100 MU-2825	3598886 rpoH	rpoH	3597952	80
TU-4262	REV	3597949	3599049	1100 MU-2825	3598893 rpoH	rpoH	3597952	87
TU-4263	REV	3597949	3599049	1100 MU-2825	3599027 rpoH	rpoH	3597952	221
TU-4264	REV	3597949	3599049	1100 MU-2825	3599187 rpoH	rpoH	3597952	381
TU-4265	REV	3599099	3602349	3250 MU-2826	3602333 ftsX;ftsE;ftsY	ftsY	3600773	67

TU-4266	REV	3599099	3602349	3250 MU-2826	3602339	ftsX;ftsE;ftsY	ftsY	3600773	73
TU-4267	REV	3602974	3603624	650 MU-2827		yhhM	yhhM	3603274	
TU-4268	REV	3606649	3607224	575 MU-2828	3607043	sirA	sirA	3606774	24
TU-4269	REV	3608574	3609749	1175 MU-2829	3609782	yhhS	yhhS	3608539	26
TU-4270	REV	3616824	3617149	325 MU-2830	3617170	NT			
TU-4271	REV	3616824	3617149	325 MU-2830	3617187	NT			
TU-4272	REV	3623349	3628924	5575 MU-2831	3628862	yhhJ;rbbA;yhiI	yhiI	3627558	237
TU-4273	REV	3623349	3628924	5575 MU-2831	3628952	yhhJ;rbbA;yhiI	yhiI	3627558	327
TU-4274	REV	3628991	3630613	1622 MU-2832		yhiJ	yhiJ	3628991	
TU-4275	REV	3630875	3632481	1606 MU-2833		yhiL	yhiL	3630875	
TU-4276	REV	3633674	3635499	1825 MU-2834	3635522	yhiN	yhiN	3634231	89
TU-4277	REV	3636999	3637849	850 MU-2835	3637869	uspB	uspB	3637408	126
TU-4278	REV	3638649	3638699	50 MU-2836	3638759	NT			
TU-4279	REV	3640374	3643249	2875 MU-2837	3643224	yhiQ;prlC	prlC	3641163	19
TU-4280	REV	3640374	3643249	2875 MU-2837	3643261	yhiQ;prlC	prlC	3641163	56
TU-4281	REV	3640374	3643249	2875 MU-2837	3643272	yhiQ;prlC	prlC	3641163	67
TU-4282	REV	3645749	3645974	225 MU-2838	3646005	dinQ	dinQ	3645728	149
TU-4283	REV	3647235	3647935	700 MU-2839		NT			
TU-4284	REV	3650060	3651235	1175 MU-2840	3651291	insH	insH	3650205	70
TU-4285	REV	3650060	3651235	1175 MU-2840	3651336	insH	insH	3650205	115
TU-4286	REV	3652960	3654810	1850 MU-2841	3654784	yhiD;hdeB;hdeA	hdeA	3654431	21
TU-4287	REV	3652960	3654810	1850 MU-2841	3654793	yhiD;hdeB;hdeA	hdeA	3654431	30
TU-4288	REV	3652960	3654810	1850 MU-2841	3654803	yhiD;hdeB;hdeA	hdeA	3654431	40
TU-4289	REV	3652960	3654810	1850 MU-2841	3654807	yhiD;hdeB;hdeA	hdeA	3654431	44
TU-4290	REV	3652960	3654810	1850 MU-2841	3654814	yhiD;hdeB;hdeA	hdeA	3654431	51
TU-4291	REV	3655860	3656035	175 MU-2842	3656051	NT			
TU-4292	REV	3655860	3656035	175 MU-2842	3656077	NT			
TU-4293	REV	3661935	3662860	925 MU-2843	3662689	gadW	gadW	3661913	48
TU-4294	REV	3662885	3663835	950 MU-2844	3663855	gadX	gadX	3663009	22
TU-4295	REV	3662885	3663835	950 MU-2844	3663864	gadX	gadX	3663009	31
TU-4296	REV	3663960	3665610	1650 MU-2845	3665631	gadA	gadA	3664203	28
TU-4297	REV	3666010	3667260	1250 MU-2846	3667288	yhjA	yhjA	3665814	77
TU-4298	REV	3669315	3669917	602 MU-2847		yhjB	yhjB	3669315	
TU-4299	REV	3674315	3676390	2075 MU-2848	3676403	yhjG	yhjG	3674313	15
TU-4300	REV	3676740	3677090	350 MU-2849	3677219	yhjH	yhjH	3676443	9
TU-4301	REV	3676740	3677090	350 MU-2849	3677250	yhjH	yhjH	3676443	40
TU-4302	REV	3678490	3679915	1425 MU-2850	3680034	yhjJ	yhjJ	3678467	71
TU-4303	REV	3679940	3681565	1625 MU-2851	3681519	dctA	dctA	3680184	49
TU-4304	REV	3679940	3681565	1625 MU-2851	3681683	dctA	dctA	3680184	213
TU-4305	REV	3681690	3684065	2375 MU-2852	3684213	yhjK	yhjK	3681653	605
TU-4306	REV	3681690	3684065	2375 MU-2852	3684223	yhjK	yhjK	3681653	615
TU-4307	REV	3684090	3694391	10301 MU-2853	3694252	bcsC;bcsZ;bcsB;bcsA;yhjQ;yhjR	yhjR	3694020	44
TU-4308	REV	3684090	3694391	10301 MU-2853	3694337	bcsC;bcsZ;bcsB;bcsA;yhjQ;yhjR	yhjR	3694020	129
TU-4309	REV	3684090	3694391	10301 MU-2853	3694346	bcsC;bcsZ;bcsB;bcsA;yhjQ;yhjR	yhjR	3694020	138
TU-4310	REV	3684090	3694391	10301 MU-2853	3694361	bcsC;bcsZ;bcsB;bcsA;yhjQ;yhjR	yhjR	3694020	153
TU-4311	REV	3684090	3694391	10301 MU-2853	3694387	bcsC;bcsZ;bcsB;bcsA;yhjQ;yhjR	yhjR	3694020	179

TU-4312	REV	3697966	3698266	300 MU-2854	3698295 ldrD	ldrD	3698003	185
TU-4313	REV	3698516	3698566	50 MU-2855	3698620 NT			
TU-4314	REV	3699066	3705869	6803 MU-2856	3705731 dppF;dppD;dppC;dppB;dppA	dppA	3704121	3
TU-4315	REV	3699066	3705869	6803 MU-2856	3705750 dppF;dppD;dppC;dppB;dppA	dppA	3704121	22
TU-4316	REV	3699066	3705869	6803 MU-2856	3705826 dppF;dppD;dppC;dppB;dppA	dppA	3704121	98
TU-4317	REV	3699066	3705869	6803 MU-2856	3705893 dppF;dppD;dppC;dppB;dppA	dppA	3704121	165
TU-4318	REV	3706619	3706694	75 MU-2857	3706715 proK	proK	3706639	0
TU-4319	REV	3706844	3708569	1725 MU-2858	3708608 eptB	eptB	3706807	110
TU-4320	REV	3708822	3710030	1208 MU-2859	yhjX	yhjX	3708822	
TU-4321	REV	3710269	3711019	750 MU-2860	3711033 yhjY	yhjY	3710259	76
TU-4322	REV	3712019	3714494	2475 MU-2861	3714451 bisC	bisC	3712084	34
TU-4323	REV	3712019	3714494	2475 MU-2861	3714580 bisC	bisC	3712084	163
TU-4324	REV	3716369	3717094	725 MU-2862	yaF	yaF	3716357	
TU-4325	REV	3718471	3718655	184 MU-2863	hokA;mokA	mokA	3718471	
TU-4326	REV	3720069	3723369	3300 MU-2864	3723377 glyS;glyQ	glyQ	3722430	36
TU-4327	REV	3723544	3723844	300 MU-2865	3723815 ysaB	ysaB	3723436	80
TU-4328	REV	3724947	3725771	824 MU-2866	yaA;yaB	yaB	3725430	
TU-4329	REV	3725994	3728669	2675 MU-2867	3728830 xylB;xylA	xylA	3727466	42
TU-4330	REV	3730496	3730821	325 MU-2868	3730755 NT			
TU-4331	REV	3734246	3735276	1030 MU-2869	3735265 bax	bax	3734376	65
TU-4332	REV	3739226	3740526	1300 MU-2870	3740563 ysaA;yaJ	yaJ	3739707	8
TU-4333	REV	3748851	3749076	225 MU-2871	3749066 ysaC	ysaC	3748836	129
TU-4334	REV	3749251	3749726	475 MU-2872	3749762 yaT	yaT	3749151	-129
TU-4335	REV	3750986	3752451	1465 MU-2873	yaV;yaW	yaW	3752128	
TU-4336	REV	3752876	3754526	1650 MU-2874	3754558 aldB	aldB	3752996	24
TU-4337	REV	3752876	3754526	1650 MU-2874	3754659 aldB	aldB	3752996	125
TU-4338	REV	3754699	3755850	1151 MU-2875	yaY	yaY	3754699	
TU-4339	REV	3756127	3759277	3150 MU-2876	3759323 selB;selA	selA	3757881	51
TU-4340	REV	3759327	3759977	650 MU-2877	3760004 yibF	yibF	3759370	26
TU-4341	REV	3763852	3764077	225 MU-2878	3764114 NT			
TU-4342	REV	3765602	3765677	75 MU-2879	3765702 NT			
TU-4343	REV	3768477	3769802	1325 MU-2880	yibH;yibI	yibI	3769405	
TU-4344	REV	3773827	3774627	800 MU-2881	3774469 yibT	yibT	3774194	66
TU-4345	REV	3779677	3780602	925 MU-2882	3780704 cysE	cysE	3779764	119
TU-4346	REV	3780627	3782177	1550 MU-2883	3782183 gpsA;secB	secB	3781684	32
TU-4347	REV	3780627	3782577	1950 MU-2883;MU-2884	3782529 gpsA;secB;grxC	grxC	3782214	64
TU-4348	REV	3782602	3783052	450 MU-2885	3783077 yibN	yibN	3782607	39
TU-4349	REV	3787070	3788104	1034 MU-2886	yibD	yibD	3787070	
TU-4350	REV	3788352	3790602	2250 MU-2887	3790746 tdh;kbl	kbl	3789378	172
TU-4351	REV	3790827	3791802	975 MU-2888	3791734 htrL	htrL	3790849	28
TU-4352	REV	3794877	3797027	2150 MU-2889	3796838 waaU	waaU	3796262	-497
TU-4353	REV	3794877	3799054	4177 MU-2889;MU-2890	3799018 waaU;rfaZ;rfaY	rfaY	3798290	30
TU-4354	REV	3794877	3799054	4177 MU-2889;MU-2890	3799105 waaU;rfaZ;rfaY	rfaY	3798290	117
TU-4355	REV	3794877	3799054	4177 MU-2889;MU-2890	3799236 waaU;rfaZ;rfaY	rfaY	3798290	248
TU-4356	REV	3794877	3800404	5527 MU-2889;MU-2890;MU-2891	3800527 waaU;rfaZ;rfaY;rfaJ	rfaJ	3799006	505
TU-4357	REV	3794877	3800404	5527 MU-2889;MU-2890;MU-2891	3800542 waaU;rfaZ;rfaY;rfaJ	rfaJ	3799006	520

TU-4358	REV	3794877	3802454	7577 MU-2889;MU-2890;MU-2891;MU-2892	3802583 waaU;rfaZ;rfaY;rfaJ;rfaI;rfaB	rfaB	3801081	393
TU-4359	REV	3794877	3803756	8879 MU-2889;MU-2890;MU-2891;MU-2892;MU-2893	3803796 waaU;rfaZ;rfaY;rfaJ;rfaI;rfaB;rfaS;rfaP	rfaP	3803176	-177
TU-4360	REV	3794877	3804856	9979 MU-2889;MU-2890;MU-2891;MU-2892;MU-2893;MU-2894	3804755 waaU;rfaZ;rfaY;rfaJ;rfaI;rfaB;rfaS;rfaP;rfaG	rfaG	3803966	-335
TU-4361	REV	3794877	3806281	11404 MU-2889;MU-2890;MU-2891;MU-2892;MU-2893;MU-2894;MU-2895	3806260 waaU;rfaZ;rfaY;rfaJ;rfaI;rfaB;rfaS;rfaP;rfaG;rfaQ	rfaQ	3805087	139
TU-4362	REV	3808206	3809181	975 MU-2896	3809198 mutM	mutM	3808366	23
TU-4363	REV	3809281	3810006	725 MU-2897	3809827 rpmG;rpmB	rpmB	3809461	130
TU-4364	REV	3809281	3810006	725 MU-2897	3809987 rpmG;rpmB	rpmB	3809461	290
TU-4365	REV	3809914	3810582	668 MU-2898	yicR	yicR	3809914	
TU-4366	REV	3813456	3814581	1125 MU-2899	3814579 pyrE;rph	rph	3813886	7
TU-4367	REV	3817511	3819193	1682 MU-2900	ligB	ligB	3817511	
TU-4368	REV	3825231	3826856	1625 MU-2901	3826724 gltS	gltS	3825483	36
TU-4369	REV	3825231	3826856	1625 MU-2901	3826788 gltS	gltS	3825483	100
TU-4370	REV	3830242	3833952	3710 MU-2902	yicI;yicJ	yicJ	3832570	
TU-4371	REV	3836631	3838081	1450 MU-2903	3838039 nlpA	nlpA	3837198	23
TU-4372	REV	3838572	3839762	1190 MU-2904	3839794 nepI	nepI	3838572	32
TU-4373	REV	3839973	3841812	1839 MU-2905	yicN;yicO	yicO	3840478	
TU-4374	REV	3843806	3843981	175 MU-2906	NT			
TU-4375	REV	3843799	3845190	1391 MU-2907	uhpT	uhpT	3843799	
TU-4376	REV	3845306	3850806	5500 MU-2908	3850893 uhpC;uhpB;uhpA;ilvN;ilvB	ilvB	3849119	86
TU-4377	REV	3850831	3851033	202 MU-2909	3851039 ivbL	ivbL	3850913	28
TU-4378	REV	3851141	3851280	139 MU-2910	3851215 istR	istR	3851141	-65
TU-4379	REV	3851141	3851280	139 MU-2910	3851280 istR	istR	3851141	0
TU-4380	REV	3853608	3854408	800 MU-2911	3854408 yidF;yidG;yidH	yidH	3853983	78
TU-4381	REV	3853608	3854408	800 MU-2911	3854437 yidF;yidG;yidH	yidH	3853983	107
TU-4382	REV	3854934	3858139	3205 MU-2912	yidJ;yidK	yidK	3856424	
TU-4383	REV	3859196	3861626	2430 MU-2913	glvG;glvC	glvC	3860010	
TU-4384	REV	3862658	3864333	1675 MU-2914	yidE	yidE	3862635	
TU-4385	REV	3864483	3865008	525 MU-2915	3865000 ibpB	ibpB	3864492	80
TU-4386	REV	3864483	3865008	525 MU-2915	3865032 ibpB	ibpB	3864492	112
TU-4387	REV	3864483	3865708	1225 MU-2915;MU-2916	3865541 ibpB;ibpA	ibpA	3865032	96
TU-4388	REV	3866508	3867283	775 MU-2917	3867318 yidR	yidR	3866085	19
TU-4389	REV	3870268	3873318	3050 MU-2918	3873209 dgoT;dgoD;dgoA;dgoK;dgoR	dgoR	3872494	26
TU-4390	REV	3874168	3874968	800 MU-2919	3875000 yidA	yidA	3874163	25
TU-4391	REV	3874168	3875493	1325 MU-2919;MU-2920	3875526 yidA;yidB	yidB	3875090	38
TU-4392	REV	3875618	3878271	2653 MU-2921	3878175 gyrB	gyrB	3875728	33
TU-4393	REV	3878296	3879721	1425 MU-2922	3879914 recF	recF	3878171	670
TU-4394	REV	3879746	3881971	2225 MU-2923	3881901 dnaN;dnaA	dnaA	3880349	149
TU-4395	REV	3891497	3891822	325 MU-2924	3891867 NT			
TU-4396	REV	3893297	3894647	1350 MU-2925	3894662 yieG	yieG	3893295	30
TU-4397	REV	3896694	3898600	1906 MU-2926	yieK;yieL	yieL	3897431	
TU-4398	REV	3896694	3900243	3549 MU-2927	yieK;yieL;bglH	bglH	3898627	
TU-4399	REV	3900312	3904590	4278 MU-2928	bglB;bglF;bglG	bglG	3903754	

TU-4400	REV	3904873	3909582	4709 MU-2929	3909724 phoU;pstB;pstA;pstC;pstS	pstS	3908508	176
TU-4401	REV	3909882	3913357	3475 MU-2930	3913244 glmS;glmU	glmU	3911853	21
TU-4402	REV	3909882	3913357	3475 MU-2930	3913348 glmS;glmU	glmU	3911853	125
TU-4403	REV	3913582	3920707	7125 MU-2931	3920513 atpC;atpD;atpG;atpA;atpH;atpF;atpE;atpB;a tpI	atpI	3920083	50
TU-4404	REV	3921007	3923732	2725 MU-2932	3923686 gidB;mnmG	mnmG	3921767	30
TU-4405	REV	3921007	3923732	2725 MU-2932	3923702 gidB;mnmG	mnmG	3921767	46
TU-4406	REV	3923807	3924532	725 MU-2933	3924499 mioC	mioC	3924035	21
TU-4407	REV	3924632	3925007	375 MU-2934	3925053 asnC	asnC	3924568	27
TU-4408	REV	3926132	3927682	1550 MU-2935	3927702 viaA	viaA	3926175	76
TU-4409	REV	3926132	3927682	1550 MU-2935	3927781 viaA	viaA	3926175	155
TU-4410	REV	3926132	3929157	3025 MU-2935;MU-2936	3929153 viaA;ravA	ravA	3927620	37
TU-4411	REV	3938057	3939432	1375 MU-2937	3939377 hsrA;yieP	yieP	3938658	27
TU-4412	REV	3945088	3946063	975 MU-2938	3946015 hdfR	hdfR	3945151	25
TU-4413	REV	3946472	3947992	1520 MU-2939	yifB	yifB	3946472	
TU-4414	REV	3954632	3955961	1329 MU-2940	3955895 ilvY	ilvY	3954950	52
TU-4415	REV	3957586	3957911	325 MU-2941	3957862 ppiC	ppiC	3957555	26
TU-4416	REV	3958036	3958486	450 MU-2942	3958493 yifN	yifN	3958035	10
TU-4417	REV	3960761	3963736	2975 MU-2943	3963691 gpp;rhIB	rhIB	3962388	38
TU-4418	REV	3982537	3983937	1400 MU-2944	3984114 aslA	aslA	3982375	84
TU-4419	REV	3984737	3987412	2675 MU-2945	3987236 hemY;hemX	hemX	3985908	147
TU-4420	REV	3984737	3987412	2675 MU-2945	3987493 hemY;hemX	hemX	3985908	404
TU-4421	REV	3984737	3988937	4200 MU-2945;MU-2946	3988812 hemY;hemX;hemD;hemC	hemC	3987848	23
TU-4422	REV	3991490	3992115	625 MU-2947	3992106 cyaY	cyaY	3991762	24
TU-4423	REV	3998315	3999079	764 MU-2948	yigE	yigE	3998315	
TU-4424	REV	4000442	4001216	774 MU-2949	yigF;yigG	yigG	4000836	
TU-4425	REV	4001315	4002715	1400 MU-2950	4002748 rarD;yigI	yigI	4002253	28
TU-4426	REV	4006340	4007065	725 MU-2951	4007109 rhtB	rhtB	4006462	27
TU-4427	REV	4009240	4010940	1700 MU-2952	4010878 metR	metR	4009886	39
TU-4428	REV	4013290	4014340	1050 MU-2953	4014216 ysgA	ysgA	4013377	24
TU-4429	REV	4022365	4023065	700 MU-2954	4022866 rfaH	rfaH	4022356	22
TU-4430	REV	4025315	4029017	3702 MU-2955	4029036 fadA;fadB	fadB	4026805	42
TU-4431	REV	4038920	4040120	1200 MU-2956	4040165 mobB;mobA	mobA	4039438	143
TU-4432	REV	4043881	4044581	700 MU-2957	4044649 yihG	yihG	4043693	24
TU-4433	REV	4048056	4048806	750 MU-2958	4048811 yihA	yihA	4048156	23
TU-4434	REV	4048056	4048806	750 MU-2958	4048817 yihA	yihA	4048156	29
TU-4435	REV	4051406	4051831	425 MU-2959	4051800 NT			
TU-4436	REV	4051881	4054356	2475 MU-2960	glnG;glnL	glnL	4053313	
TU-4437	REV	4051881	4056206	4325 MU-2960;MU-2961	4056075 glnG;glnL;glnA	glnA	4054648	18
TU-4438	REV	4051881	4056206	4325 MU-2960;MU-2961	4056101 glnG;glnL;glnA	glnA	4054648	44
TU-4439	REV	4051881	4056206	4325 MU-2960;MU-2961	4056109 glnG;glnL;glnA	glnA	4054648	52
TU-4440	REV	4051881	4056206	4325 MU-2960;MU-2961	4056129 glnG;glnL;glnA	glnA	4054648	72
TU-4441	REV	4061626	4062318	692 MU-2962	ompL	ompL	4061626	
TU-4442	REV	4062386	4067299	4913 MU-2963	yihO;yihP;yihQ	yihQ	4065263	
TU-4443	REV	4067498	4068424	926 MU-2964	yihR	yihR	4067498	
TU-4444	REV	4068538	4071594	3056 MU-2965	yihS;yihT;yihU	yihU	4070698	

TU-4445	REV	4078433	4079383	950 MU-2966	4079332 fdhE	fdhE	4078322	81
TU-4446	REV	4078433	4079383	950 MU-2966	4079351 fdhE	fdhE	4078322	100
TU-4447	REV	4078433	4079383	950 MU-2966	4079384 fdhE	fdhE	4078322	133
TU-4448	REV	4079433	4083958	4525 MU-2967	4083953 fdoI;fdoH;fdoG	fdoG	4080795	108
TU-4449	REV	4079433	4083958	4525 MU-2967	4083987 fdoI;fdoH;fdoG	fdoG	4080795	142
TU-4450	REV	4086130	4090846	4716 MU-2968	frvR;frvX;frvB;frvA	frvA	4090400	
TU-4451	REV	4091147	4095471	4324 MU-2969	rhaM;rhaD;rhaA;rhaB	rhaB	4094002	
TU-4452	REV	4096970	4098720	1750 MU-2970	4098605 rhaT	rhaT	4097514	57
TU-4453	REV	4096970	4098720	1750 MU-2970	4098760 rhaT	rhaT	4097514	212
TU-4454	REV	4100395	4100770	375 MU-2971	4100760 NT			
TU-4455	REV	4101570	4104045	2475 MU-2972	4103708 cpxA;cpxR	cpxR	4102995	15
TU-4456	REV	4101570	4104045	2475 MU-2972	4103751 cpxA;cpxR	cpxR	4102995	58
TU-4457	REV	4108798	4109698	900 MU-2973	4109564 tpiA	tpiA	4108763	34
TU-4458	REV	4108798	4109698	900 MU-2973	4109592 tpiA	tpiA	4108763	62
TU-4459	REV	4108798	4109698	900 MU-2973	4109598 tpiA	tpiA	4108763	68
TU-4460	REV	4109748	4110223	475 MU-2974	4110260 yiiQ	yiiQ	4109638	23
TU-4461	REV	4111648	4112523	875 MU-2975	4112520 fpr	fpr	4111749	25
TU-4462	REV	4112623	4113598	975 MU-2976	4113626 glpX	glpX	4112592	24
TU-4463	REV	4113998	4115748	1750 MU-2977	glpK;glpF	glpF	4115268	
TU-4464	REV	4116898	4117398	500 MU-2978	4117379 rraA	rraA	4116868	26
TU-4465	REV	4117448	4118398	950 MU-2979	4118424 menA	menA	4117446	52
TU-4466	REV	4117448	4118398	950 MU-2979	4118430 menA	menA	4117446	58
TU-4467	REV	4118448	4120323	1875 MU-2980	4120333 hslU;hslV	hslV	4119780	23
TU-4468	REV	4118448	4120323	1875 MU-2980	4120371 hslU;hslV	hslV	4119780	61
TU-4469	REV	4120373	4121123	750 MU-2981	ftsN	ftsN	4120403	
TU-4470	REV	4121148	4122523	1375 MU-2982	4122533 cytR	cytR	4121454	54
TU-4471	REV	4122673	4124898	2225 MU-2983	4124857 priA	priA	4122635	24
TU-4472	REV	4125298	4126548	1250 MU-2984	4126446 yiiX;metJ	metJ	4126101	28
TU-4473	REV	4125298	4126548	1250 MU-2984	4126488 yiiX;metJ	metJ	4126101	70
TU-4474	REV	4125298	4126548	1250 MU-2984	4126552 yiiX;metJ	metJ	4126101	134
TU-4475	REV	4131373	4131773	400 MU-2985	4131790 NT			
TU-4476	REV	4135063	4135680	617 MU-2986	yijF	yijF	4135063	
TU-4477	REV	4136123	4140223	4100 MU-2987	gldA;fsaB;ptsA	ptsA	4137743	
TU-4478	REV	4145673	4146323	650 MU-2988	4146619 yijO	yijO	4145489	279
TU-4479	REV	4145673	4148323	2650 MU-2988;MU-2989	4148374 yijO;yijP	yijP	4146555	86
TU-4480	REV	4148473	4151273	2800 MU-2990	4151210 ppc	ppc	4148470	89
TU-4481	REV	4151373	4153198	1825 MU-2991	4152919 argE	argE	4151719	49
TU-4482	REV	4151373	4153198	1825 MU-2991	4153098 argE	argE	4151719	228
TU-4483	REV	4156348	4156398	50 MU-2992	4156365 oxyS	oxyS	4156308	-52
TU-4484	REV	4157273	4158810	1537 MU-2993	4158845 sthA	sthA	4157413	32
TU-4485	REV	4159885	4161285	1400 MU-2994	4161318 trmA	trmA	4160193	25
TU-4486	REV	4164310	4164560	250 MU-2995	NT			
TU-4487	REV	4172110	4173110	1000 MU-2996	4173130 coaA	coaA	4172099	81
TU-4488	REV	4188399	4188599	200 MU-2997	4188551 sroH	sroH	4188350	41
TU-4489	REV	4188649	4194324	5675 MU-2998	4194323 thiH;thiG;thiS;thiF;thiE;thiC	thiC	4192227	201
TU-4490	REV	4188649	4194324	5675 MU-2998	4194398 thiH;thiG;thiS;thiF;thiE;thiC	thiC	4192227	276

TU-4491	REV	4194349	4194949	600 MU-2999	4194882	rsd	rsd	4194355	51
TU-4492	REV	4194349	4194949	600 MU-2999	4194977	rsd	rsd	4194355	146
TU-4493	REV	4199249	4199699	450 MU-3000	4199735	zraP	zraP	4199286	24
TU-4494	REV	4202624	4205574	2950 MU-3001	4205593	purD;purH	purH	4203966	38
TU-4495	REV	4211302	4212102	800 MU-3002	4212165	yjaB	yjaB	4211703	19
TU-4496	REV	4218324	4220510	2186 MU-3003		arpA	arpA	4218324	
TU-4497	REV	4220832	4221657	825 MU-3004	4221675	iclR	iclR	4220827	24
TU-4498	REV	4227707	4228157	450 MU-3005	4228191	pepE	pepE	4227476	26
TU-4499	REV	4229258	4229708	450 MU-3006	4229722	pagB	pagB	4229382	68
TU-4500	REV	4229733	4231533	1800 MU-3007	4231560	lysC	lysC	4229907	304
TU-4501	REV	4237783	4238158	375 MU-3008	4238277	yjbT	yjbT	4237800	199
TU-4502	REV	4238802	4240277	1475 MU-3009		xylE	xylE	4238802	
TU-4503	REV	4240958	4244459	3501 MU-3010	4244488	malG;malF;malE	malE	4243252	46
TU-4504	REV	4252059	4254642	2583 MU-3011	4254658	plsB	plsB	4252066	169
TU-4505	REV	4257492	4258042	550 MU-3012	4258054	zur	zur	4257511	28
TU-4506	REV	4261292	4262292	1000 MU-3013	4262317	qor	qor	4261271	63
TU-4507	REV	4261292	4262292	1000 MU-3013	4262327	qor	qor	4261271	73
TU-4508	REV	4266832	4267035	203 MU-3014		yjbS	yjbS	4266832	
TU-4509	REV	4269167	4271942	2775 MU-3015	4271914	uvrA	uvrA	4269072	20
TU-4510	REV	4272817	4273167	350 MU-3016	4273158	yjcB	yjcB	4272783	94
TU-4511	REV	4275067	4275417	350 MU-3017	4275432	soxS	soxS	4275083	26
TU-4512	REV	4275067	4275417	350 MU-3017	4275446	soxS	soxS	4275083	40
TU-4513	REV	4275942	4276092	150 MU-3018	4276089	ryjA	ryjA	4275950	0
TU-4514	REV	4279806	4281098	1292 MU-3019		yjcF	yjcF	4279806	
TU-4515	REV	4281292	4285393	4101 MU-3020	4285413	actP;yjcH;acs	acs	4283436	19
TU-4516	REV	4293868	4295143	1275 MU-3021	4295172	yjcO	yjcO	4294459	24
TU-4517	REV	4295368	4297493	2125 MU-3022	4297441	fdhF	fdhF	4295242	52
TU-4518	REV	4297587	4302426	4839 MU-3023		mdtP;mdtO;mdtN;yticA	yticA	4302151	
TU-4519	REV	4302635	4304620	1985 MU-3024		yjcS	yjcS	4302635	
TU-4520	REV	4304893	4309003	4110 MU-3025		alsK;alsE;alsC;alsA	alsA	4307471	
TU-4521	REV	4310194	4311019	825 MU-3026	4311039	alsB;rpiR	rpiR	4310124	25
TU-4522	REV	4312369	4313694	1325 MU-3027	4313646	phnP;phnO	phnO	4313127	85
TU-4523	REV	4312369	4323188	10819 MU-3027;MU-3028		phnP;phnO;phnN;phnM;phnL;phnK;phnJ;phnI;phnH;phnG;phnF;phnE;phnD;phnC	phnC	4322400	
TU-4524	REV	4323319	4323769	450 MU-3029	4323744	yjdN	yjdN	4323321	-20
TU-4525	REV	4323319	4323769	450 MU-3029	4323789	yjdN	yjdN	4323321	25
TU-4526	REV	4323844	4324819	975 MU-3030	4324818	yjdM	yjdM	4324422	61
TU-4527	REV	4330294	4332269	1975 MU-3031	4332070	basS;basR	basR	4331305	97
TU-4528	REV	4331970	4333613	1643 MU-3032		eptA	eptA	4331970	
TU-4529	REV	4333717	4335952	2235 MU-3033		adiC;adiY	adiY	4335191	
TU-4530	REV	4336277	4338547	2270 MU-3034		adiA	adiA	4336277	
TU-4531	REV	4338769	4339644	875 MU-3035	4339673	melR	melR	4338743	22
TU-4532	REV	4342994	4347069	4075 MU-3036	4347112	yjdF;fumB;dcuB	dcuB	4345427	345
TU-4533	REV	4347298	4348573	1275 MU-3037	4348570	dcuR	dcuR	4347338	513
TU-4534	REV	4347298	4349723	2425 MU-3037;MU-3038	4349711	dcuR;dcuS	dcuS	4348054	26
TU-4535	REV	4351248	4352848	1600 MU-3039	4352820	lysU	lysU	4351223	80

TU-4536	REV	4352973	4353898	925 MU-3040	4353810 yjdL	yjdL	4352977	-624
TU-4537	REV	4354493	4358054	3561 MU-3041	cadA;cadB	cadB	4356720	
TU-4538	REV	4358419	4359957	1538 MU-3042	4359983 cadC	cadC	4358419	26
TU-4539	REV	4360214	4360376	162 MU-3043	yjdQ	yjdQ	4360214	
TU-4540	REV	4360574	4360649	75 MU-3044	pheU	pheU	4360574	
TU-4541	REV	4360674	4361249	575 MU-3045	4361353 yjdC	yjdC	4360756	22
TU-4542	REV	4361274	4363574	2300 MU-3046	4363567 dipZ;cutA	cutA	4363041	188
TU-4543	REV	4363624	4364849	1225 MU-3047	4364954 dcuA	dcuA	4363495	158
TU-4544	REV	4364899	4366424	1525 MU-3048	4366481 aspA	aspA	4364914	131
TU-4545	REV	4364899	4366424	1525 MU-3048	4366576 aspA	aspA	4364914	226
TU-4546	REV	4367249	4368449	1200 MU-3049	4368478 yjeH	yjeH	4367179	43
TU-4547	REV	4371388	4372257	869 MU-3050	4372334 yjeJ	yjeJ	4371388	77
TU-4548	REV	4372649	4373774	1125 MU-3051	4373707 yjeK	yjeK	4372652	27
TU-4549	REV	4372649	4373774	1125 MU-3051	4373723 yjeK	yjeK	4372652	43
TU-4550	REV	4375024	4375749	725 MU-3052	4375769 blc	blc	4375212	24
TU-4551	REV	4375999	4376974	975 MU-3053	4377026 ampC	ampC	4375834	59
TU-4552	REV	4377074	4380424	3350 MU-3054	4380421 frdD;frdC;frdB;frdA	frdA	4378533	80
TU-4553	REV	4377074	4380424	3350 MU-3054	4380437 frdD;frdC;frdB;frdA	frdA	4378533	96
TU-4554	REV	4383999	4388449	4450 MU-3055	4388446 yjeP;psd	psd	4387415	63
TU-4555	REV	4388474	4389575	1101 MU-3056	4389612 rsgA	rsgA	4388480	80
TU-4556	REV	4391077	4392077	1000 MU-3057	4392071 yjeS	yjeS	4390951	-19
TU-4557	REV	4413870	4414895	1025 MU-3058	4414787 yjfN;yjfO	yjfO	4414464	-6
TU-4558	REV	4415695	4416470	775 MU-3059	4416493 ulaR	ulaR	4415721	17
TU-4559	REV	4415695	4416470	775 MU-3059	4416505 ulaR	ulaR	4415721	29
TU-4560	REV	4416745	4417595	850 MU-3060	4417675 ulaG	ulaG	4416584	27
TU-4561	REV	4416745	4417595	850 MU-3060	4417700 ulaG	ulaG	4416584	52
TU-4562	REV	4422495	4422845	350 MU-3061	4422866 yjfY	yjfY	4422539	52
TU-4563	REV	4424651	4425445	794 MU-3062	4425738 yjfZ	yjfZ	4424651	293
TU-4564	REV	4426070	4426820	750 MU-3063	4426842 ytfB	ytfB	4426102	102
TU-4565	REV	4427395	4427695	300 MU-3064	4427737 NT			
TU-4566	REV	4427395	4427695	300 MU-3064	4427775 NT			
TU-4567	REV	4429445	4429995	550 MU-3065	4430032 ytfE	ytfE	4429344	26
TU-4568	REV	4430114	4431088	974 MU-3066	4431075 ytfF	ytfF	4430114	-13
TU-4569	REV	4430114	4431088	974 MU-3066	4431141 ytfF	ytfF	4430114	53
TU-4570	REV	4430114	4431088	974 MU-3066	4431182 ytfF	ytfF	4430114	94
TU-4571	REV	4431245	4432045	800 MU-3067	4432075 ytfG	ytfG	4431187	28
TU-4572	REV	4432720	4434620	1900 MU-3068	4434652 cpdB	cpdB	4432645	64
TU-4573	REV	4436795	4437345	550 MU-3069	4437333 ytfJ	ytfJ	4436731	48
TU-4574	REV	4437896	4439397	1501 MU-3070	4439273 ytfL	ytfL	4437895	35
TU-4575	REV	4437896	4439397	1501 MU-3070	4439407 ytfL	ytfL	4437895	169
TU-4576	REV	4439472	4440272	800 MU-3071	4440285 msrA	msrA	4439561	86
TU-4577	REV	4447147	4447697	550 MU-3072	4447709 ppa	ppa	4447145	34
TU-4578	REV	4452647	4453772	1125 MU-3073	4453663 fbp	fbp	4452634	31
TU-4579	REV	4452647	4453772	1125 MU-3073	4453669 fbp	fbp	4452634	37
TU-4580	REV	4455147	4455947	800 MU-3074	4455910 yjgA	yjgA	4455337	22
TU-4581	REV	4458072	4460831	2759 MU-3075	4460853 nrdG;nrdD	nrdD	4458545	170

TU-4582	REV	4462881	4465331	2450 MU-3076	4465297 treC;treB;treR	treR	4464322	28
TU-4583	REV	4462881	4465331	2450 MU-3076	4465303 treC;treB;treR	treR	4464322	34
TU-4584	REV	4468460	4468935	475 MU-3077	4468967 yjgF	yjgF	4468550	31
TU-4585	REV	4468960	4470710	1750 MU-3078	4470574 pyrI;pyrB;pyrL	pyrL	4470422	18
TU-4586	REV	4470760	4471260	500 MU-3079	4471189 yjgH	yjgH	4470837	-43
TU-4587	REV	4471410	4472060	650 MU-3080	4472082 yjgI	yjgI	4471363	6
TU-4588	REV	4475235	4476335	1100 MU-3081	4476367 argI	argI	4475330	33
TU-4589	REV	4477085	4477560	475 MU-3082	4477592 yjgM	yjgM	4477057	32
TU-4590	REV	4479013	4481938	2925 MU-3083	4481941 valS	valS	4479005	81
TU-4591	REV	4479013	4481938	2925 MU-3083	4481950 valS	valS	4479005	90
TU-4592	REV	4481963	4482338	375 MU-3084	4482296 holC	holC	4481860	-7
TU-4593	REV	4482363	4484138	1775 MU-3085	4484124 pepA	pepA	4482463	150
TU-4594	REV	4482363	4484138	1775 MU-3085	4484133 pepA	pepA	4482463	159
TU-4595	REV	4482363	4484138	1775 MU-3085	4484159 pepA	pepA	4482463	185
TU-4596	REV	4486488	4488088	1600 MU-3086	4488106 yjgR	yjgR	4486584	20
TU-4597	REV	4488138	4489613	1475 MU-3087	4489571 idnR	idnR	4488164	409
TU-4598	REV	4488138	4489613	1475 MU-3087	4489668 idnR	idnR	4488164	506
TU-4599	REV	4489229	4492429	3200 MU-3088	idnT;idnO;idnD	idnD	4491398	
TU-4600	REV	4493338	4494238	900 MU-3089	4494256 yjgB	yjgB	4493213	24
TU-4601	REV	4497288	4497538	250 MU-3090	4497552 NT			
TU-4602	REV	4498063	4498513	450 MU-3091	4498527 NT			
TU-4603	REV	4497616	4498814	1198 MU-3092	yjgX	yjgX	4497616	
TU-4604	REV	4500163	4501438	1275 MU-3093	4501480 insG	insG	4500126	26
TU-4605	REV	4504713	4504888	175 MU-3094	4504927 yjhD	yjhD	4504649	48
TU-4606	REV	4505488	4506688	1200 MU-3095	4506740 insI	insI	4505489	100
TU-4607	REV	4506699	4506965	266 MU-3096	insM	insM	4506699	
TU-4608	REV	4508620	4512720	4100 MU-3097	4512624 fecE;fecD;fecC;fecB	fecB	4511429	293
TU-4609	REV	4512995	4516270	3275 MU-3098	4516274 fecA;fecR;fecI	fecI	4515737	16
TU-4610	REV	4512995	4516270	3275 MU-3098	4516286 fecA;fecR;fecI	fecI	4515737	28
TU-4611	REV	4516620	4518470	1850 MU-3099	4518437 yjhU	yjhU	4517361	90
TU-4612	REV	4518694	4520043	1349 MU-3100	yjhF	yjhF	4518694	
TU-4613	REV	4520150	4522117	1967 MU-3101	yjhG	yjhG	4520150	
TU-4614	REV	4522128	4523826	1698 MU-3102	yjhH;yjhI	yjhI	4523038	
TU-4615	REV	4524420	4525870	1450 MU-3103	4526043 sgcR;sgcE;sgcA	sgcA	4525572	40
TU-4616	REV	4525920	4529670	3750 MU-3104	4529709 sgcQ;sgcC;sgcB;sgcX	sgcX	4528553	35
TU-4617	REV	4529945	4530345	400 MU-3105	4530385 yjhY	yjhY	4530073	52
TU-4618	REV	4530445	4531920	1475 MU-3106	4531869 yjhP;yjhQ;yjhX	yjhX	4531819	-207
TU-4619	REV	4532453	4532698	245 MU-3107	yjhZ	yjhZ	4532453	
TU-4620	REV	4534637	4535617	980 MU-3108	yjhS	yjhS	4534637	
TU-4621	REV	4535645	4536895	1250 MU-3109	4536784 nanM	nanM	4535682	-4
TU-4622	REV	4536808	4537524	716 MU-3110	nanC	nanC	4536808	
TU-4623	REV	4547846	4549271	1425 MU-3111	4549357 gntP	gntP	4547976	38
TU-4624	REV	4553513	4554343	830 MU-3112	yjiC	yjiC	4553513	
TU-4625	REV	4555571	4556371	800 MU-3113	4556259 yjiE	yjiE	4555401	-53
TU-4626	REV	4555571	4556371	800 MU-3113	4556338 yjiE	yjiE	4555401	26
TU-4627	REV	4556396	4557646	1250 MU-3114	4557566 iadA	iadA	4556377	17

TU-4628	REV	4556396	4557646	1250 MU-3114	4557613 iadA	iadA	4556377	64
TU-4629	REV	4558121	4558872	751 MU-3115	4558769 yjiG;yjiH	yjiH	4558020	66
TU-4630	REV	4559772	4565198	5426 MU-3116	4565269 yjiJ;yjiK;yjiL;yjiM;yjiN	yjiN	4563989	0
TU-4631	REV	4565323	4566756	1433 MU-3117	4566662 mdtM	mdtM	4565310	120
TU-4632	REV	4565323	4566756	1433 MU-3117	4566790 mdtM	mdtM	4565310	248
TU-4633	REV	4568306	4569631	1325 MU-3118	4569656 yjiR	yjiR	4568185	59
TU-4634	REV	4576044	4577344	1300 MU-3119	4577384 mcrC;mcrB	mcrB	4575981	24
TU-4635	REV	4577570	4577845	275 MU-3120	4577938 symE	symE	4577522	75
TU-4636	REV	4578170	4581221	3051 MU-3121	4581252 hsdS;hsdM	hsdM	4579482	181
TU-4637	REV	4578170	4581221	3051 MU-3121	4581296 hsdS;hsdM	hsdM	4579482	225
TU-4638	REV	4578170	4581221	3051 MU-3121	4581329 hsdS;hsdM	hsdM	4579482	258
TU-4639	REV	4581271	4584849	3578 MU-3122	4584833 hsdR	hsdR	4581272	-5
TU-4640	REV	4585949	4587049	1100 MU-3123	4587083 yjiA;yjiX	yjiX	4586899	-19
TU-4641	REV	4587224	4589374	2150 MU-3124	4589376 yjiY	yjiY	4587152	74
TU-4642	REV	4591384	4592745	1361 MU-3125	yjjL	yjjL	4591384	
TU-4643	REV	4593224	4593899	675 MU-3126	4593888 yjjM	yjjM	4592960	14
TU-4644	REV	4595174	4597499	2325 MU-3127	4597516 mdoB	mdoB	4595173	52
TU-4645	REV	4597724	4599599	1875 MU-3128	4599580 yjjA;dnaC;dnaT	dnaT	4599001	40
TU-4646	REV	4597724	4599599	1875 MU-3128	4599620 yjjA;dnaC;dnaT	dnaT	4599001	80
TU-4647	REV	4600324	4600899	575 MU-3129	4600916 yjjB;yjjP	yjjP	4600111	35
TU-4648	REV	4602599	4603699	1100 MU-3130	4603716 fhuF	fhuF	4602898	30
TU-4649	REV	4604049	4604424	375 MU-3131	4604459 leuV;leuP;leuQ	leuQ	4604338	35
TU-4650	REV	4604624	4605724	1100 MU-3132	4605745 rsmC	rsmC	4604692	22
TU-4651	REV	4614049	4615099	1050 MU-3133	4615116 yjjW;yjjI	yjjI	4613538	28
TU-4652	REV	4621274	4622799	1525 MU-3134	4622833 lplA;ytjB	ytjB	4622168	21
TU-4653	REV	4626824	4628549	1725 MU-3135	4628586 yjjK	yjjK	4626878	41
TU-4654	REV	4631099	4631774	675 MU-3136	4631787 yjjX	yjjX	4631256	19
TU-4655	REV	4631099	4631774	675 MU-3136	4631795 yjjX	yjjX	4631256	27
TU-4656	REV	4632374	4633349	975 MU-3137	4633376 rob	rob	4632464	43
TU-4657	REV	4637618	4638693	1075 MU-3138	4638355 arcA	arcA	4637613	26
TU-4658	REV	4637618	4638693	1075 MU-3138	4638361 arcA	arcA	4637613	32
TU-4659	REV	4637618	4638693	1075 MU-3138	4638442 arcA	arcA	4637613	113
TU-4660	REV	4637618	4638693	1075 MU-3138	4638618 arcA	arcA	4637613	289
TU-4661	REV	4637618	4638693	1075 MU-3138	4638703 arcA	arcA	4637613	374

Supplementary Table 13: Comparison of TUs to the previously experimentally determined TUs.

TU-Exp ID	Promoter	TU	Detection	Note
TU-Exp-0001	ygbAp	ygbA	Detected	
TU-Exp-0002	micAp	micA	Detected	
TU-Exp-0003	psrOp	psrO	Detected	
TU-Exp-0004	ryeAp	ryeA	Detected	
TU-Exp-0005	rhyAp	ryhA	Detected	
TU-Exp-0006	syjAp	ryjA	Detected	
TU-Exp-0007	sraAp	sraA	Detected	
TU-Exp-0008	accBp	accB;accC	Detected	
TU-Exp-0009	aceKp	aceK	Detected	
TU-Exp-0010	alkBp	alkB		TSS
TU-Exp-0011	adiAp	adiA	Detected	
TU-Exp-0012	adrAp	adrA	Detected	
TU-Exp-0013	aeSp	aes	Detected	
TU-Exp-0014	agpp	agp	Detected	
TU-Exp-0015	alaWp	alaX;alaW	Detected	
TU-Exp-0016	allAp	allA	Detected	
TU-Exp-0017	allRp	allR	Detected	
TU-Exp-0018	allSp	allS	Detected	
TU-Exp-0019	ampCp	ampC	Detected	
TU-Exp-0020	amyAp	amyA	Detected	
TU-Exp-0021	argUp	argU	Detected	
TU-Exp-0022	argWp	argW	Detected	
TU-Exp-0023	aroGp	aroG	Detected	
TU-Exp-0024	aroHp1	aroH	Detected	
TU-Exp-0025	aroHp2	aroH	Detected	
TU-Exp-0026	artJp	artJ	Detected	
TU-Exp-0027	artPp2	artM;artQ;artI;artP	Detected	
TU-Exp-0028	artPp3	artM;artQ;artI;artP	Detected	
TU-Exp-0029	artPp1	artM;artQ;artI;artP	Detected	
TU-Exp-0030	artPp	artM;artQ;artI;artP	Detected	
TU-Exp-0031	aspSp	aspS		Boundary
TU-Exp-0032	aspVp	aspV	Detected	
TU-Exp-0033	asrp	asr	Detected	
TU-Exp-0034	atpBp1	atpC;atpD;atpG;atpA;atpH;atpF;atpE;atpB		TSS
TU-Exp-0035	hlpAp	hlpA;lpxD;fabZ;lpxA		TSS
TU-Exp-0036	srap	sra	Detected	
TU-Exp-0037	bgIXp	bgIX	Detected	
TU-Exp-0038	blcp	blc	Detected	
TU-Exp-0039	bolAp1	bolA	Detected	
TU-Exp-0040	bolAp2	bolA	Detected	
TU-Exp-0041	cdhp	cdh	Detected	
TU-Exp-0042	cedAp	cedA	Detected	
TU-Exp-0043	chiAp	chiA	Detected	
TU-Exp-0044	clpAp1	clpA		TSS
TU-Exp-0045	clpAp2	clpA		TSS
TU-Exp-0046	clpAp3	clpA		TSS
TU-Exp-0047	clpBp	clpB	Detected	
TU-Exp-0048	yacGp	yacG		Boundary
TU-Exp-0049	cobUp1	cobT;cobS;cobU	Detected	
TU-Exp-0050	corAp	corA	Detected	
TU-Exp-0051	cpXPp	cpXP	Detected	
TU-Exp-0052	creDp	creD	Detected	
TU-Exp-0053	creAp	creA;creB;creC;creD		Boundary
TU-Exp-0054	cspDp	cspD	Detected	
TU-Exp-0055	cstAp3	cstA		Boundary
TU-Exp-0056	cstAp2	cstA		Boundary
TU-Exp-0057	cstAp1	cstA		Boundary
TU-Exp-0058	cutCp	cutC		TSS
TU-Exp-0059	cvpAp1	ubiX;purF;cvpA	Detected	
TU-Exp-0060	ubiXp	ubiX		TSS

TU-Exp-0061	cysEp	cysE	Detected	
TU-Exp-0062	bamCp	bamC		TSS
TU-Exp-0063	defp	def;fmt		Boundary
TU-Exp-0064	dicBp	dicB;ydfD;ydfE;insD;intQ		Boundary
TU-Exp-0065	dusBp	dusB;fis	Detected	
TU-Exp-0066	endAp1	endA		TSS
TU-Exp-0067	endAp2	endA		TSS
TU-Exp-0068	exbDp	exbD		TSS
TU-Exp-0069	feaRp	feaR	Detected	
TU-Exp-0070	fhuEp	fhuE	Detected	
TU-Exp-0071	furpb	fur		TSS
TU-Exp-0072	furpa	fur		TSS
TU-Exp-0073	fliYp	fliY	Detected	
TU-Exp-0074	fliDp	fliD;fliS;fliT	Detected	
TU-Exp-0075	fliKp	fliK	Detected	
TU-Exp-0076	flup	flu	Detected	
TU-Exp-0077	flxAp	flxA	Detected	
TU-Exp-0078	folAp	folA	Detected	
TU-Exp-0079	fucRp	fucR		TSS
TU-Exp-0080	galUp	galU	Detected	
TU-Exp-0081	garDp	garD	Detected	
TU-Exp-0082	rnpBp	rnpB	Detected	
TU-Exp-0083	gatYp	gatD;gatC;gatB;gatA;gatZ;gatY	Detected	
TU-Exp-0084	gcdp1	gcd	Detected	
TU-Exp-0085	gcdp2	gcd	Detected	
TU-Exp-0086	glxKp	glxK	Detected	
TU-Exp-0087	gcvPp	gcvP	Detected	
TU-Exp-0088	glkp	glk	Detected	
TU-Exp-0089	glnKp	glnK;amtB	Detected	
TU-Exp-0090	glpEp	glpR;glpG;glpE	Detected	
TU-Exp-0091	glpGp	glpR;glpG	Detected	
TU-Exp-0092	glpRp1	glpR	Detected	
TU-Exp-0093	glpRp2	glpR	Detected	
TU-Exp-0094	gltXp3	gltX	Detected	
TU-Exp-0095	gltXp2	gltX	Detected	
TU-Exp-0096	gltXp1	gltX	Detected	
TU-Exp-0097	glyQp	glyS;glyQ	Detected	
TU-Exp-0098	glyVp	glyV;glyX;glyY	Detected	
TU-Exp-0099	gndp	gnd	Detected	
TU-Exp-0100	gntXp	gntX;nfuA		Boundary
TU-Exp-0101	gudPp	gudD;gudX;gudP	Detected	
TU-Exp-0102	gyrBp	gyrB	Detected	
TU-Exp-0103	hchAp2	hchA	Detected	
TU-Exp-0104	hemNp	hemN		TSS
TU-Exp-0105	hisBp	hisB;hisH;hisA;hisF;hisI		TSS
TU-Exp-0106	valSp2	valS	Detected	
TU-Exp-0107	valSp1	valS	Detected	
TU-Exp-0108	htpGp1	htpG	Detected	
TU-Exp-0109	htpGp2	htpG	Detected	
TU-Exp-0110	htpXp	htpX	Detected	
TU-Exp-0111	hyaAp	hyaA;hyaB;hyaC;hyaD;hyaE;hyaF	Detected	
TU-Exp-0112	hycAp	hycI;hycH;hycG;hycF;hycE;hycD;hycC;hycB;hycA	Detected	
TU-Exp-0113	hypFp1	hypF	Detected	
TU-Exp-0114	hypFp2	hypF	Detected	
TU-Exp-0115	hypFp3	hypF	Detected	
TU-Exp-0116	idnkp	idnK	Detected	
TU-Exp-0117	ileXp	ileX	Detected	
TU-Exp-0118	ilvEp3	ilvE;ilvD;ilvA		TSS
TU-Exp-0119	katEp	katE	Detected	
TU-Exp-0120	lepAp	lepB;lepA	Detected	
TU-Exp-0121	leuXp	leuX	Detected	
TU-Exp-0122	livJp	livJ	Detected	
TU-Exp-0123	lppp	lpp	Detected	

TU-Exp-0124	impp3	pdxA;surA;lptD		TSS
TU-Exp-0125	pdxAp	apaH;apaG;ksgA;pdxA		TSS
TU-Exp-0126	apaGp	apaH;apaG	Detected	
TU-Exp-0127	ksgAp	apaH;apaG;ksgA	Detected	
TU-Exp-0128	lysTp	lysT;valT;lysW	Detected	
TU-Exp-0129	malTp	malT	Detected	
TU-Exp-0130	malZp	malZ	Detected	
TU-Exp-0131	maoCp	maoC		Boundary
TU-Exp-0132	melAp	melA;melB	Detected	
TU-Exp-0133	melRp	melR	Detected	
TU-Exp-0134	metJp1	metJ		Boundary
TU-Exp-0135	metJp2	metJ		Boundary
TU-Exp-0136	metJp3	metJ		Boundary
TU-Exp-0137	rpsOp	pnp;rpsO	Detected	
TU-Exp-0138	rpsOp	pnp;rpsO		Boundary
TU-Exp-0139	metZp	metZ;metW;metV	Detected	
TU-Exp-0140	mngAp	mngA;mngB	Detected	
TU-Exp-0141	mtrp1	mtr	Detected	
TU-Exp-0142	mutYp1	mutY;yggX;mltC		Boundary
TU-Exp-0143	mutYp2	mutY;yggX;mltC		Boundary
TU-Exp-0144	mutYp2	mutY;yggX;mltC		Boundary
TU-Exp-0145	yggXp	yggX;mltC	Detected	
TU-Exp-0146	yggXp	yggX;mltC		Boundary
TU-Exp-0147	mutYp1	mutY;yggX;mltC		Boundary
TU-Exp-0148	cysGp1	cysG	Detected	
TU-Exp-0149	nrdGp	nrdG		Boundary
TU-Exp-0150	yebCp	ruvC;yebC	Detected	
TU-Exp-0151	nudBp	ruvC;yebC;nudB		TSS
TU-Exp-0152	ruvCp	ruvC	Detected	
TU-Exp-0153	nuoAp2	nuoN;nuoM;nuoL;nuoK;nuoJ;nuoI;nuoH;nuoG;nuoF;nuoE;nuoC;nuoB;nuoA	Detected	
TU-Exp-0154	nuoAp1	nuoN;nuoM;nuoL;nuoK;nuoJ;nuoI;nuoH;nuoG;nuoF;nuoE;nuoC;nuoB;nuoA	Detected	
TU-Exp-0155	ompRp2	envZ;ompR	Detected	
TU-Exp-0156	ompRp4	envZ;ompR	Detected	
TU-Exp-0157	ompRp1	envZ;ompR	Detected	
TU-Exp-0158	ompRp3	envZ;ompR	Detected	
TU-Exp-0159	osmBp1	osmB	Detected	
TU-Exp-0160	osmBp2	osmB	Detected	
TU-Exp-0161	osmEp	osmE	Detected	
TU-Exp-0162	paaXp	paaX;paaY	Detected	
TU-Exp-0163	pcnBp3	folK;pcnB	Detected	
TU-Exp-0164	pdxYp	pdxY	Detected	
TU-Exp-0165	pfkBp2	pfkB	Detected	
TU-Exp-0166	phePp	pheP	Detected	
TU-Exp-0167	phoHp1	phoH	Detected	
TU-Exp-0168	phoHp2	phoH	Detected	
TU-Exp-0169	pntAp	pntB;pntA	Detected	
TU-Exp-0170	ppiAp1	ppiA	Detected	
TU-Exp-0171	ppiAp2	ppiA	Detected	
TU-Exp-0172	ppiAp4	ppiA	Detected	
TU-Exp-0173	ppiAp3	ppiA	Detected	
TU-Exp-0174	proKp	proK	Detected	
TU-Exp-0175	proLp	proL	Detected	
TU-Exp-0176	proSp	proS	Detected	
TU-Exp-0177	ptsGp1	ptsG	Detected	
TU-Exp-0178	ptsGp2	ptsG	Detected	
TU-Exp-0179	putPp1	putP	Detected	
TU-Exp-0180	putPp5	putP	Detected	
TU-Exp-0181	putPp4	putP	Detected	
TU-Exp-0182	putPp3	putP	Detected	
TU-Exp-0183	pykFp	pykF	Detected	
TU-Exp-0184	enop1	eno	Detected	
TU-Exp-0185	enop2	eno	Detected	
TU-Exp-0186	enop3	eno	Detected	

TU-Exp-0187	rbsDp	rbsD;rbsA;rbsC;rbsB;rbsK;rbsR		Boundary
TU-Exp-0188	dsbAp	dsbA	Detected	
TU-Exp-0189	relBp	hokD;relE;relB	Detected	
TU-Exp-0190	repp	rep	Detected	
TU-Exp-0191	rfaDp1	rfaD;rfaF;rfaC;rfaL	Detected	
TU-Exp-0192	rfaDp2	rfaD;rfaF;rfaC;rfaL	Detected	
TU-Exp-0193	rfaDp4	rfaD;rfaF;rfaC;rfaL	Detected	
TU-Exp-0194	rfaDp3	rfaD;rfaF;rfaC;rfaL	Detected	
TU-Exp-0195	rimLp	rimL	Detected	
TU-Exp-0196	rnhAp	rnhA	Detected	
TU-Exp-0197	rphp2	pyrE;rph	Detected	
TU-Exp-0198	rpiAp	rpiA	Detected	
TU-Exp-0199	rpiBp	rpiB	Detected	
TU-Exp-0200	rplLp	rplL		TSS
TU-Exp-0201	rpmHp1	rpmH;rnpA		Boundary
TU-Exp-0202	rpmHp2	rpmH;rnpA		Boundary
TU-Exp-0203	rpmHp3	rpmH;rnpA		Boundary
TU-Exp-0204	rpoEp1	rseC;rseB;rseA;rpoE		Boundary
TU-Exp-0205	rpoHp5	rpoH	Detected	
TU-Exp-0206	rpoHp1	rpoH	Detected	
TU-Exp-0207	rpoHp4	rpoH	Detected	
TU-Exp-0208	rpoHp3	rpoH	Detected	
TU-Exp-0209	rpoHp6	rpoH	Detected	
TU-Exp-0210	rrsAp1	rrsA;ileT;alaT;rrlA;rrfA	Detected	
TU-Exp-0211	rrsBp1	rrsB;gltT;rrlB;rrfB	Detected	
TU-Exp-0212	rrsCp1	rrsC;gltU;rrlC;rrfC	Detected	
TU-Exp-0213	rrsCp2	rrsC;gltU;rrlC;rrfC	Detected	
TU-Exp-0214	rrsDp1	rrfF;thrV;rrfD;rrlD;alaU;ileU;rrsD	Detected	
TU-Exp-0215	rrsDp2	rrfF;thrV;rrfD;rrlD;alaU;ileU;rrsD	Detected	
TU-Exp-0216	rrsEp	rrsE;gltV;rrlE;rrfE	Detected	
TU-Exp-0217	rrsGp1	rrfG;rrlG;gltW;rrsG	Detected	
TU-Exp-0218	rrsGp2	rrfG;rrlG;gltW;rrsG	Detected	
TU-Exp-0219	rrsHp2	rrsH;ileV;alaV;rrlH;rrfH		Boundary
TU-Exp-0220	rrsHp1	rrsH;ileV;alaV;rrlH;rrfH		Boundary
TU-Exp-0221	ruvAp1	ruvB;ruvA	Detected	
TU-Exp-0222	ruvAp2	ruvB;ruvA	Detected	
TU-Exp-0223	sbcBp	sbcB	Detected	
TU-Exp-0224	sdaAp	sdaA	Detected	
TU-Exp-0225	secEp	secE;nusG	Detected	
TU-Exp-0226	leuUp	leuU		TSS
TU-Exp-0227	serAp2	serA	Detected	
TU-Exp-0228	serAp1	serA	Detected	
TU-Exp-0229	serTp	serT	Detected	
TU-Exp-0230	serUp	serU	Detected	
TU-Exp-0231	serVp	argQ;argZ;argY;argV;serV		Boundary
TU-Exp-0232	serWp	serW	Detected	
TU-Exp-0233	serXp	serX	Detected	
TU-Exp-0234	soxRp	soxR	Detected	
TU-Exp-0235	speBp	speB	Detected	
TU-Exp-0236	speCp3	speC	Detected	
TU-Exp-0237	ssbp2	ssb	Detected	
TU-Exp-0238	ssbp1	ssb	Detected	
TU-Exp-0239	ssuEp	ssuB;ssuC;ssuD;ssuA;ssuE	Detected	
TU-Exp-0240	talBp	talB	Detected	
TU-Exp-0241	rplTp	rplT		Boundary
TU-Exp-0242	thrWp	thrW	Detected	
TU-Exp-0243	tkkBp	tkkB		TSS
TU-Exp-0244	treAp	treA	Detected	
TU-Exp-0245	trpRp	trpR	Detected	
TU-Exp-0246	tsxp1	tsx	Detected	
TU-Exp-0247	tsxp2	tsx	Detected	
TU-Exp-0248	ulaGp	ulaG	Detected	
TU-Exp-0249	ungp	ung	Detected	

TU-Exp-0250	uvrBp3	uvrB	Detected	
TU-Exp-0251	uvrDp2	uvrD	Detected	
TU-Exp-0252	valUp	valU;valX;valY;lysV	Detected	
TU-Exp-0253	yajOp	yajO	Detected	
TU-Exp-0254	xylRp	xylR	Detected	
TU-Exp-0255	yacCp	speD;speE;yacC		Boundary
TU-Exp-0256	yahAp2	yahA	Detected	
TU-Exp-0257	ybhKp	ybhK	Detected	
TU-Exp-0258	kdsAp	kdsA	Detected	
TU-Exp-0259	tyrRp	tyrR	Detected	
TU-Exp-0260	yebBp1	yebB	Detected	
TU-Exp-0261	dapEp	dapE;ypfN	Detected	
TU-Exp-0262	yfiDp	yfiD	Detected	
TU-Exp-0263	ygbFp	ygbF	Detected	
TU-Exp-0264	ygjGp	ygjG	Detected	
TU-Exp-0265	yicRp	mutM;rpmG;rpmB;yicR	Detected	
TU-Exp-0266	yraPp	yraP	Detected	
TU-Exp-0267	ytfJp	ytfJ	Detected	
TU-Exp-0268	znuAp	znuA		Boundary
TU-Exp-0269	znuCp	znuC;znuB	Detected	
TU-Exp-0270	feaBp	feaB	Detected	
TU-Exp-0271	glgSp1	glgS	Detected	
TU-Exp-0272	glgSp2	glgS	Detected	
TU-Exp-0273	ompXp2	ompX	Detected	
TU-Exp-0274	rydCp	rydC	Detected	
TU-Exp-0275	tyrPp1	tyrP	Detected	
TU-Exp-0276	tyrPp2	tyrP	Detected	
TU-Exp-0277	mtrp2	mtr	Detected	
TU-Exp-0278	tyrBp	tyrB	Detected	
TU-Exp-0279	aroPp2	aroP	Detected	
TU-Exp-0280	hmpAp	hmp	Detected	
TU-Exp-0281	pspFp1	pspF	Detected	
TU-Exp-0282	pspFp2	pspF	Detected	
TU-Exp-0283	pspFp3	pspF	Detected	
TU-Exp-0284	aroPp1	aroP	Detected	
TU-Exp-0285	chaCp	chaC	Detected	
TU-Exp-0286	aroFp	tyrA;aroF	Detected	
TU-Exp-0287	ytfEp	ytfE	Detected	
TU-Exp-0288	argPp	argP	Detected	
TU-Exp-0289	crIp	crI	Detected	
TU-Exp-0290	deoRp	deoR		TSS
TU-Exp-0291	folXp	folX;yfch	Detected	
TU-Exp-0292	hchAp	hchA	Detected	
TU-Exp-0293	hdap	hda	Detected	
TU-Exp-0294	insNp	insN-2	Detected	
TU-Exp-0295	tamp	tam	Detected	
TU-Exp-0296	nepIp	nepI	Detected	
TU-Exp-0297	yahAp1	yahA	Detected	
TU-Exp-0298	yegWp	yegW	Detected	
TU-Exp-0299	yehSp	yehS	Detected	
TU-Exp-0300	yfcDp	yfcD		TSS
TU-Exp-0301	yffBp	yffB;dapE;ypfN	Detected	
TU-Exp-0302	yfhLp	yfhL	Detected	
TU-Exp-0303	yhjGp	yhjG	Detected	
TU-Exp-0304	cyaRp	cyaR	Detected	
TU-Exp-0305	uxaCp	uxaA;uxaC		Boundary
TU-Exp-0306	exuTp	exuT	Detected	
TU-Exp-0307	uxaBp	uxaB		TSS
TU-Exp-0308	glnAp1	glnA	Detected	
TU-Exp-0309	glnAp2	glnA	Detected	
TU-Exp-0310	hisLp	hisL;hisG;hisD;hisC;hisB;hisH;hisA;hisF;hisI	Detected	
TU-Exp-0311	ulaAp	ulaA;ulaB;ulaC;ulaD;ulaE;ulaF	Detected	
TU-Exp-0312	xylAp	xylB;xylA	Detected	

TU-Exp-0313	xyIFp	xyIF;xyIG;xyIH;xyIR	Detected	
TU-Exp-0314	yciGp	yciE;yciF;yciG	Detected	
TU-Exp-0315	aspAp	dcuA;aspA	Detected	
TU-Exp-0316	dcuAp	dcuA	Detected	
TU-Exp-0317	clpPp2	clpP;clpX	Detected	
TU-Exp-0318	cmrp	cmr	Detected	
TU-Exp-0319	cynTp	cynT;cynS;cynX		Boundary
TU-Exp-0320	fumBp	fumB		TSS
TU-Exp-0321	garPp	rnpB;garK;garR;garL;garP		Boundary
TU-Exp-0322	gcvBp	gcvB	Detected	
TU-Exp-0323	gntRp1	gntK;gntR;gntU		Boundary
TU-Exp-0324	hslVp	hslU;hslV	Detected	
TU-Exp-0325	hupAp	hupA		Boundary
TU-Exp-0326	hupBp1	hupB	Detected	
TU-Exp-0327	hupBp2	hupB	Detected	
TU-Exp-0328	hupBp3	hupB	Detected	
TU-Exp-0329	hupBp4	hupB	Detected	
TU-Exp-0330	ibpAp	ibpB;ibpA	Detected	
TU-Exp-0331	pdxAp	apaH;apaG;ksgA;pdxA		TSS
TU-Exp-0332	metYp1	metY	Detected	
TU-Exp-0333	micFp	micF	Detected	
TU-Exp-0334	pepDp2	pepD	Detected	
TU-Exp-0335	rnbp1	rnb	Detected	
TU-Exp-0336	rnbp2	rnb	Detected	
TU-Exp-0337	rpoDp4	rpoD	Detected	
TU-Exp-0338	rpsUp1	rpsU;dnaG;rpoD		Boundary
TU-Exp-0339	rpoDp2	rpoD	Detected	
TU-Exp-0340	rpoDp1	rpoD	Detected	
TU-Exp-0341	rpsUp3	rpsU;dnaG;rpoD		Boundary
TU-Exp-0342	rpsUp1	rpsU;dnaG;rpoD		Boundary
TU-Exp-0343	rpoDp3	rpoD	Detected	
TU-Exp-0344	rpsUp2	rpsU;dnaG;rpoD		Boundary
TU-Exp-0345	serCp	serC		Boundary
TU-Exp-0346	yajCp	yajC;secD;secF	Detected	
TU-Exp-0347	tgtp	tgt;yajC		TSS
TU-Exp-0348	rpmIp	rplT;rpmI	Detected	
TU-Exp-0349	treRp2	treR		Boundary
TU-Exp-0350	treRp3	treR		Boundary
TU-Exp-0351	treRp4	treR		Boundary
TU-Exp-0352	trmAp	trmA	Detected	
TU-Exp-0353	uspAp1	uspA	Detected	
TU-Exp-0354	uspAp3	uspA	Detected	
TU-Exp-0355	uspAp2	uspA	Detected	
TU-Exp-0356	yehQp	yehQ;yehA;kdsA		TSS
TU-Exp-0357	clpPp1	clpP;clpX	Detected	
TU-Exp-0358	ilvLp2	ilvG_1;ilvG_2;ilvL;ilvM;ilvE;ilvD;ilvA	Detected	
TU-Exp-0359	ilvLp1	ilvG_1;ilvG_2;ilvL;ilvM;ilvE;ilvD;ilvA	Detected	
TU-Exp-0360	gadAp	gadX;gadA		Boundary
TU-Exp-0361	bglGp	bglB;bglF;bglG	Detected	
TU-Exp-0362	hflDp	purB;hflD		TSS
TU-Exp-0363	livKp2	livF;livG;livM;livH;livK	Detected	
TU-Exp-0364	livKp1	livF;livG;livM;livH;livK	Detected	
TU-Exp-0365	surAp	apaH;apaG;ksgA;pdxA;surA	Detected	
TU-Exp-0366	malXp	malX;malY	Detected	
TU-Exp-0367	metYp2	pnp;rpsO;truB;rbfA;infB;nusA;yhbC;metY		Boundary
TU-Exp-0368	nagEp	nagE	Detected	
TU-Exp-0369	usgp	dedA;truA;usg	Detected	
TU-Exp-0370	rdoAp	rdoA;dsbA		Boundary
TU-Exp-0371	seqAp	seqA;pgm	Detected	
TU-Exp-0372	tauAp	tauA;tauB;tauC;tauD	Detected	
TU-Exp-0373	trpCp	trpA;trpB;trpC	Detected	
TU-Exp-0374	uppp	uraA;upp		Boundary
TU-Exp-0375	xapAp	xapB;xapA	Detected	

TU-Exp-0376	epdp	fbaA;pgk;epd	Detected	
TU-Exp-0377	mutSp	mutS	Detected	
TU-Exp-0378	pdxJp	acpS;pdxJ		TSS
TU-Exp-0379	rncp	era;rnc	Detected	
TU-Exp-0380	serCp	serC	Detected	
TU-Exp-0381	tdcAp	tdcF;tdcE;tdcD;tdcC;tdcB;tdcA;tdcG	Detected	
TU-Exp-0382	guaBp	guaA;guaB	Detected	
TU-Exp-0383	caiCp	caiE;caiD;caiC	Detected	
TU-Exp-0384	csgDp2	csgG;csgF;csgE;csgD	Detected	
TU-Exp-0385	lacYp	lacA;lacY	Detected	
TU-Exp-0386	nuoMp	nuoN;nuoM		TSS
TU-Exp-0387	dapBp1	dapB	Detected	
TU-Exp-0388	dapBp2	dapB	Detected	
TU-Exp-0389	ybaSp	ybaS;ybaT	Detected	
TU-Exp-0390	dutp	dut;slmA	Detected	
TU-Exp-0391	ahpFp	ahpF		TSS
TU-Exp-0392		bcsC;bcsZ;bcsB;bcsA		TSS
TU-Exp-0393	cobUp2	cobT;cobS;cobU	Detected	
TU-Exp-0394	greAp	greA	Detected	
TU-Exp-0395	infAp2	infA	Detected	
TU-Exp-0396	infAp1	infA	Detected	
TU-Exp-0397	lppp2	lpp	Detected	
TU-Exp-0398	malQp	malQ		TSS
TU-Exp-0399	pcnBp1	folK;pcnB	Detected	
TU-Exp-0400	pcnBp2	folK;pcnB	Detected	
TU-Exp-0401	plsBp	plsB	Detected	
TU-Exp-0402	rssBp	rssB	Detected	
TU-Exp-0403	rtcRp	rtcR	Detected	
TU-Exp-0404	ybfHp	ybfG;ybfH		TSS
TU-Exp-0405	ydHIp	ydHI;ydHJ;ydHK	Detected	
TU-Exp-0406	yhjJp	yhjJ	Detected	
TU-Exp-0407		yhjQ		TSS
TU-Exp-0408	yicJp	yicI;yicJ	Detected	
TU-Exp-0409	yraPp2	yraP	Detected	
TU-Exp-0410	fliEp	fliE	Detected	
TU-Exp-0411	hypBp	hypB;hypC;hypD;hypE		TSS
TU-Exp-0412	rnep4	rne	Detected	
TU-Exp-0413	rutRp	rutR	Detected	
TU-Exp-0414	spyp	spy	Detected	
TU-Exp-0415	mutMp2	mutM	Detected	
TU-Exp-0416	hypAp	hypA;hypB;hypC;hypD;hypE	Detected	
TU-Exp-0417	rssAp	rssA;rssB	Detected	
TU-Exp-0418		mcrC;mcrB	Detected	
TU-Exp-0419	ssrSp1	ssrS;ygfA	Detected	
TU-Exp-0420	hepAp2	hepA		Boundary
TU-Exp-0421	lolBp	prs;ispE;lolB		Boundary
TU-Exp-0422	poxBp	poxB		Boundary
TU-Exp-0423	rnlAp	rnlA	Detected	
TU-Exp-0424	canp	can	Detected	
TU-Exp-0425	lonp	lon	Detected	
TU-Exp-0426		lsrK		Boundary
TU-Exp-0427	lspAp	lspA;fkpB;ispH		Boundary
TU-Exp-0428	ribFp	ribF;ileS;lspA;fkpB;ispH		Boundary
TU-Exp-0429	ileSp3	ileS;lspA;fkpB;ispH		TSS
TU-Exp-0430	ileSp1	ileS;lspA;fkpB;ispH		TSS
TU-Exp-0431	exuRp	exuR	Detected	
TU-Exp-0432	uxuRp	uxuR	Detected	
TU-Exp-0433	ileSp2	ileS;lspA;fkpB;ispH		TSS
TU-Exp-0434	pitBp	pitB	Detected	
TU-Exp-0435	uidRp	uidR	Detected	
TU-Exp-0436	exbBp	exbD;exbB	Detected	
TU-Exp-0437	hcaEp	hcaE;hcaF;hcaC;hcaB;hcaD		Boundary
TU-Exp-0438	hypBp	hypB;hypC;hypD;hypE		TSS

TU-Exp-0439	phoPp1	phoQ;phoP	Detected	
TU-Exp-0440	thrUp	thrU;tyrU;glyT;thrT;tufB	Detected	
TU-Exp-0441	lsrAp	lsrA;lsrC;lsrD;lsrB;lsrF;lsrG;tam		TSS
TU-Exp-0442	aldBp	aldB	Detected	
TU-Exp-0443	metNp	metQ;metI;metN	Detected	
TU-Exp-0444	mhpAp	mhpA;mhpB;mhpC;mhpD;mhpF;mhpE	Detected	
TU-Exp-0445	mobAp1	mobB;mobA	Detected	
TU-Exp-0446	mobAp2	mobB;mobA	Detected	
TU-Exp-0447	relAp1	chpA;chpR;relA		Boundary
TU-Exp-0448	relAp2	chpA;chpR;relA		Boundary
TU-Exp-0449		torZ;torY	Detected	
TU-Exp-0450	uxuAp	uxuA;uxuB	Detected	
TU-Exp-0451	zraSp	zraS;zraR		Boundary
TU-Exp-0452	astCp1	astE;astB;astD;astA;astC	Detected	
TU-Exp-0453	astCp3	astE;astB;astD;astA;astC	Detected	
TU-Exp-0454	astCp2	astE;astB;astD;astA;astC	Detected	
TU-Exp-0455	hyfAp	hyfA;hyfB;hyfC;hyfD;hyfE;hyfF;hyfG;hyfH;hyfI;hyfJ;hyfR;focB	Detected	
TU-Exp-0456	rpoNp	rpoN	Detected	
TU-Exp-0457	rpoEp2	rseC;rseB;rseA;rpoE		Boundary
TU-Exp-0458	sdaCp	sdaC;sdaB		Boundary
TU-Exp-0459	cysDp	cysC;cysN;cysD	Detected	
TU-Exp-0460	paaAp	paaA;paaB;paaC;paaD;paaE;paaF;paaG;paaH;paaI;paaJ;paaK	Detected	
TU-Exp-0461	acrAp	acrB;acrA	Detected	
TU-Exp-0462	ybjCp	ybjC;nfsA;rimK;ybjN	Detected	
TU-Exp-0463	iscRp	iscA;iscU;iscS;iscR		Boundary
TU-Exp-0464	nikAp	nikA;nikB;nikC;nikD;nikE;nikR	Detected	
TU-Exp-0465	smtAp	smtA;mukF;mukE;mukB	Detected	
TU-Exp-0466	fecAp	fecE;fecD;fecC;fecB;fecA		TSS
TU-Exp-0467	treBp	treC;treB		TSS
TU-Exp-0468	pheMp	ihfA;pheT;pheS;pheM		Boundary
TU-Exp-0469	hypAp	hypA;hypB;hypC;hypD;hypE		Boundary
TU-Exp-0470	hdeAp	yhiD;hdeB;hdeA	Detected	
TU-Exp-0471	csiDp	csiD;lhgO;gabD;gabT;gabP		Boundary
TU-Exp-0472	gabDp2	gabD;gabT;gabP		Boundary
TU-Exp-0473	hcpp2	hcr;hcp	Detected	
TU-Exp-0474	mdoGp2	mdoG;mdoH	Detected	
TU-Exp-0475	hybOp1	hybG;hybF;hybE;hybD;hybC;hybB;hybA;hybO	Detected	
TU-Exp-0476	gabDp1	gabD;gabT;gabP		Boundary
TU-Exp-0477	kdpFp	kdpC;kdpB;kdpA;kdpF	Detected	
TU-Exp-0478		ttdA;ttdB;ttdT	Detected	
TU-Exp-0479	accDp	accD		Boundary
TU-Exp-0480		ackA;pta	Detected	
TU-Exp-0481		pta	Detected	
TU-Exp-0482	acnAp2	acnA	Detected	
TU-Exp-0483	acnAp3	acnA	Detected	
TU-Exp-0484	acnBp	acnB	Detected	
TU-Exp-0485	acsp1	actP;yjch;acs	Detected	
TU-Exp-0486	acsp2	actP;yjch;acs	Detected	
TU-Exp-0487	alaSp	alaS	Detected	
TU-Exp-0488	aldAp	aldA	Detected	
TU-Exp-0489	amiAp	amiA;hemF	Detected	
TU-Exp-0490	hemFp	hemF		TSS
TU-Exp-0491		aqpZ	Detected	
TU-Exp-0492	arcBp	arcB	Detected	
TU-Exp-0493	aroLp	aroL;yaiA;aroM	Detected	
TU-Exp-0494	asnCp	mnmG;mioC;asnC		Boundary
TU-Exp-0495	asnCp	mnmG;mioC;asnC		Boundary
TU-Exp-0496		asnW	Detected	
TU-Exp-0497	atpBp2	atpC;atpD;atpG;atpA;atpH;atpF;atpE;atpB		TSS
TU-Exp-0498	caiFp	caiF	Detected	
TU-Exp-0499	cbp	cbl	Detected	
TU-Exp-0500	cdaRp	cdaR		TSS
TU-Exp-0501	cfap2	cfa	Detected	

TU-Exp-0502	cfap1	cfa	Detected	
TU-Exp-0503		cho	Detected	
TU-Exp-0504	ihfBp	ihfB	Detected	
TU-Exp-0505	rpsAp1	rpsA;ihfB		Boundary
TU-Exp-0506	rpsAp3	rpsA;ihfB		Boundary
TU-Exp-0507	csgBp	csgB;csgA;csgC		Boundary
TU-Exp-0508	cspEp1	cspE	Detected	
TU-Exp-0509	cusCp	cusC;cusF;cusB;cusA		Boundary
TU-Exp-0510	cusRp	cusS;cusR	Detected	
TU-Exp-0511	dctAp	dctA	Detected	
TU-Exp-0512	dcuBp2	fumB;dcuB		Boundary
TU-Exp-0513	dcuBp	fumB;dcuB		Boundary
TU-Exp-0514	deoBp3	deoB;deoD	Detected	
TU-Exp-0515	deoCp1	deoC;deoA;deoB;deoD	Detected	
TU-Exp-0516	deoCp2	deoC;deoA;deoB;deoD	Detected	
TU-Exp-0517	dinQp	dinQ	Detected	
TU-Exp-0518	eddp1	eda;edd		Boundary
TU-Exp-0519	edap1	eda	Detected	
TU-Exp-0520	edap3	eda	Detected	
TU-Exp-0521	edap2	eda	Detected	
TU-Exp-0522	pgkp1	fbaA;pgk		Boundary
TU-Exp-0523	epdp	fbaA;pgk;epd		Boundary
TU-Exp-0524	pgkp1	fbaA;pgk	Detected	
TU-Exp-0525	fecIp	fecR;fecI		Boundary
TU-Exp-0526	fimBp3	fimB	Detected	
TU-Exp-0527	fimBp1	fimB	Detected	
TU-Exp-0528	fimBp2	fimB	Detected	
TU-Exp-0529	fimEp	fimE	Detected	
TU-Exp-0530	fixAp	fixA;fixB;fixC;fixX	Detected	
TU-Exp-0531	fldAp	fur;fldA;uof		Boundary
TU-Exp-0532	fliAp2	fliY;fliZ;fliA		Boundary
TU-Exp-0533	fliAp1	fliY;fliZ;fliA		Boundary
TU-Exp-0534	focAp1	pflB;focA		Boundary
TU-Exp-0535	pflBp1	pflB	Detected	
TU-Exp-0536	pflBp2	pflB	Detected	
TU-Exp-0537	pflBp3	pflB	Detected	
TU-Exp-0538	pflBp5	pflB	Detected	
TU-Exp-0539	pflBp4	pflB	Detected	
TU-Exp-0540	focAp3	pflB;focA		Boundary
TU-Exp-0541	focAp2	pflB;focA		Boundary
TU-Exp-0542	fxsAp	fxsA	Detected	
TU-Exp-0543	gadXp	gadX	Detected	
TU-Exp-0544	gadEp	gadE;mdtE;mdtF	Detected	
TU-Exp-0545	gdhAp1	gdhA	Detected	
TU-Exp-0546	glcCp	glcC	Detected	
TU-Exp-0547	glcDp	glcA;glcB;glcG;glcD;glcF;glcE	Detected	
TU-Exp-0548	glnAp2	glnA		Boundary
TU-Exp-0549	glnBp2	glnB	Detected	
TU-Exp-0550	glnBp3	glnB	Detected	
TU-Exp-0551	glnBp1	glnB	Detected	
TU-Exp-0552	gltAp1	gltA	Detected	
TU-Exp-0553	gltAp2	gltA	Detected	
TU-Exp-0554	gntPp	gntP	Detected	
TU-Exp-0555	gntTp1	gntT	Detected	
TU-Exp-0556	gntTp3	gntT	Detected	
TU-Exp-0557	gntTp2	gntT	Detected	
TU-Exp-0558	grpE	grpE	Detected	
TU-Exp-0559	hemAp1	hemA;prfA;prmC		Boundary
TU-Exp-0560	hemAp2	hemA		Boundary
TU-Exp-0561	hlyEp	hlyE	Detected	
TU-Exp-0562		hokE	Detected	
TU-Exp-0563	htgAp1	htgA		TSS
TU-Exp-0564	htgAp2	htgA		TSS

TU-Exp-0565	hydNp	hypF;hydN			Boundary
TU-Exp-0566	ibpBp	ibpB	Detected		
TU-Exp-0567	idnDp	idnR;idnT;idnO;idnD			Boundary
TU-Exp-0568	idnRp	idnR	Detected		
TU-Exp-0569	ilvIHp1	ilvI;ilvH	Detected		
TU-Exp-0570	ilvAp	ilvA			TSS
TU-Exp-0571	insKp	insK			TSS
TU-Exp-0572	leuOp	leuO	Detected		
TU-Exp-0573	lpxLp	lpxL	Detected		
TU-Exp-0574	lsrRp	lsrK;lsrR	Detected		
TU-Exp-0575	dapD	dapD	Detected		
TU-Exp-0576	menAp	rraA;menA			Boundary
TU-Exp-0577	metAp1	metA	Detected		
TU-Exp-0578	metAp2	metA	Detected		
TU-Exp-0579	yhbCp	infB;nusA;yhbC			Boundary
TU-Exp-0580	pnpp	pnp	Detected		
TU-Exp-0581	molR_1p	molR_1			TSS
TU-Exp-0582	mreBp2	mreD;mreC;mreB			Boundary
TU-Exp-0583	mreBp3	mreD;mreC;mreB			Boundary
TU-Exp-0584	mreBp1	mreD;mreC;mreB			Boundary
TU-Exp-0585	msrAp	msrA	Detected		
TU-Exp-0586	mtlAp	mtlA;mtlD;mtlR			Boundary
TU-Exp-0587	nacp	nac			Boundary
TU-Exp-0588	cysGp2	cysG	Detected		
TU-Exp-0589	nmpC	nmpC	Detected		
TU-Exp-0590	nrdHp	nrdH;nrdI;nrdE;nrdF	Detected		
TU-Exp-0591	nsrRp	nsrR;rnr;rlmB	Detected		
TU-Exp-0592	ompCp1	ompC			Boundary
TU-Exp-0593	ompCp2	ompC			Boundary
TU-Exp-0594	ompCp3	ompC			Boundary
TU-Exp-0595	panBp	panC;panB	Detected		
TU-Exp-0596	aceEp	aceE;aceF			Boundary
TU-Exp-0597	pdhRp	pdhR;aceE;aceF;lpd	Detected		
TU-Exp-0598	lpdAp	lpd	Detected		
TU-Exp-0599	tyrSp	pdxY;tyrS	Detected		
TU-Exp-0600	pfkBp1	pfkB	Detected		
TU-Exp-0601	pheLp	pheL;pheA	Detected		
TU-Exp-0602	potFp1	potF;potG;potH;potI	Detected		
TU-Exp-0603	potFp2	potF;potG;potH;potI	Detected		
TU-Exp-0604	psrNp	psrN	Detected		
TU-Exp-0605	pthp	yehF;pth			Boundary
TU-Exp-0606	yehFp	yehF	Detected		
TU-Exp-0607	purAp	purA	Detected		
TU-Exp-0608	rcaAp	rcaA	Detected		
TU-Exp-0609	recAp	recA	Detected		
TU-Exp-0610	rpoBp	rpoB;rpoC	Detected		
TU-Exp-0611	rpoHp2	rpoH	Detected		
TU-Exp-0612	rpsPp	rplS;trmD;rimM;rpsP	Detected		
TU-Exp-0613	rrmJp1	hflB;rrmJ	Detected		
TU-Exp-0614	rrmJp2	hflB;rrmJ	Detected		
TU-Exp-0615	rutRp2	rutR	Detected		
TU-Exp-0616	ryfBp	ryfB	Detected		
TU-Exp-0617	ryfCp	ryfC	Detected		
TU-Exp-0618	ryfDp	ryfD	Detected		
TU-Exp-0619	ryjBp	ryjB	Detected		
TU-Exp-0620	sucAp	sucA;sucB;sucC;sucD	Detected		
TU-Exp-0621	sdhCp	Phantom Gene;sdhC;sdhD;sdhA;sdhB;sucA;sucB;sucC;sucD	Detected		
TU-Exp-0622	secGp2	leuU;secG	Detected		
TU-Exp-0623	secGp1	leuU;secG	Detected		
TU-Exp-0624	sfsAp	dksA;sfsA			TSS
TU-Exp-0625	sroAp	sroA			Boundary
TU-Exp-0626	srlAp	srlA;srlE;srlB;srlD;gutM;srlR;gutQ			Boundary
TU-Exp-0627	sspAp	sspB;sspA	Detected		

TU-Exp-0628	stpAp1	stpA	Detected	
TU-Exp-0629	stpAp3	stpA	Detected	
TU-Exp-0630	stpAp2	stpA	Detected	
TU-Exp-0631	symEp	symE	Detected	
TU-Exp-0632	thrSp	infC;thrS	Detected	
TU-Exp-0633	infCp	infC		Boundary
TU-Exp-0634	pheMp	ihfA;pheT;pheS;pheM		Boundary
TU-Exp-0635	tisAp	tisA;tisB	Detected	
TU-Exp-0636	umuDp	umuD;umuC		TSS
TU-Exp-0637	xseBp	yajO;dxs;ispA;xseB	Detected	
TU-Exp-0638		ybfE		TSS
TU-Exp-0639	ybgAp1	ybgA;phr	Detected	
TU-Exp-0640	ybgAp2	ybgA;phr	Detected	
TU-Exp-0641	ybgIp1	ybgI;ybgJ;ybgK;ybgL;nei	Detected	
TU-Exp-0642	ybgIp2	ybgI;ybgJ;ybgK;ybgL;nei	Detected	
TU-Exp-0643	rimKp	rimK;ybjN	Detected	
TU-Exp-0644	yceAp2	yceA	Detected	
TU-Exp-0645	acpP	acpP;fabF	Detected	
TU-Exp-0646		acpP;fabF		TSS
TU-Exp-0647	yceDp2	yceD;rpmF	Detected	
TU-Exp-0648		fabD;fabG;acpP		TSS
TU-Exp-0649	yceDp1	yceD;rpmF	Detected	
TU-Exp-0650		dos;yddV	Detected	
TU-Exp-0651	ydgKp	ydgK;rsxA;rsxB;rsxC;rsxD;rsxG;rsxE;nth	Detected	
TU-Exp-0652	ydjMp	ydjM	Detected	
TU-Exp-0653	yhfAp	yhfA	Detected	
TU-Exp-0654	yaJp	yaJ	Detected	
TU-Exp-0655	yjaBp	yjaB	Detected	
TU-Exp-0656	yjaZp	yjaZ	Detected	
TU-Exp-0657	yjeFp1	yjeF;yjeE;amiB;mutL;miaA;hfq;hflX;hflK;hflC	Detected	
TU-Exp-0658	yjeFp3	yjeF;yjeE;amiB;mutL;miaA;hfq;hflX;hflK;hflC	Detected	
TU-Exp-0659	yjeFp2	yjeF;yjeE;amiB;mutL;miaA;hfq;hflX;hflK;hflC	Detected	
TU-Exp-0660	yjjQp	yjjQ;bgIJ	Detected	
TU-Exp-0661	zinTp	zinT		TSS
TU-Exp-0662	coaAp	coaA	Detected	
TU-Exp-0663		eamA	Detected	
TU-Exp-0664	glmZp	glmZ	Detected	
TU-Exp-0665	psrDp	psrD	Detected	
TU-Exp-0666	rnep5	rne	Detected	
TU-Exp-0667	rnep3	rne	Detected	
TU-Exp-0668	sroBp	sroB	Detected	
TU-Exp-0669	acrEp	acrE;acrF	Detected	
TU-Exp-0670	argXp	argX;hisR;leuT;proM	Detected	
TU-Exp-0671	asnCp	mnmG;mioC;asnC	Detected	
TU-Exp-0672	asnTp	asnT	Detected	
TU-Exp-0673	asnUp	asnU	Detected	
TU-Exp-0674	asnVp	asnV	Detected	
TU-Exp-0675	csrBp	csrB	Detected	
TU-Exp-0676	cynTp	cynT;cynS;cynX	Detected	
TU-Exp-0677	ecnBp	ecnB	Detected	
TU-Exp-0678	fucAp	fucO;fucA	Detected	
TU-Exp-0679	glnAp1	glnA		Boundary
TU-Exp-0680	glnSp1	glnS	Detected	
TU-Exp-0681	glyWp	leuZ;cysT;glyW	Detected	
TU-Exp-0682	gntRp2	gntR	Detected	
TU-Exp-0683	gntRp4	gntR	Detected	
TU-Exp-0684	gntRp3	gntR	Detected	
TU-Exp-0685	gntKp	gntK;gntU	Detected	
TU-Exp-0686	gtp	gpt	Detected	
TU-Exp-0687	lacZp1	lacA;lacY;lacZ	Detected	
TU-Exp-0688	ldcCp	ldcC	Detected	
TU-Exp-0689	leuQp	leuV;leuP;leuQ	Detected	
TU-Exp-0690	rraAp	rraA	Detected	

TU-Exp-0691	metTp	glnX;glnV;metU;glnW;glnU;leuW;metT	Detected	
TU-Exp-0692	metYp1	metY	Detected	Boundary
TU-Exp-0693	metYp2	pnp;rpsO;truB;rbfA;infB;nusA;yhbC;metY	Detected	
TU-Exp-0694	yggXp	yggX;mltC	Detected	Boundary
TU-Exp-0695	mutYp2	mutY;yggX;mltC	Detected	Boundary
TU-Exp-0696	mutYp1	mutY;yggX;mltC	Detected	Boundary
TU-Exp-0697	ompAp1	ompA	Detected	
TU-Exp-0698	ompAp2	ompA	Detected	
TU-Exp-0699	pdxBp	dedA;truA;usg;pdxB	Detected	
TU-Exp-0700	pepDp3	pepD	Detected	
TU-Exp-0701	pepDp1	pepD	Detected	
TU-Exp-0702	pheUp	pheU	Detected	
TU-Exp-0703	pheVp	pheV	Detected	
TU-Exp-0704	ptsHp4	ptsH;ptsI;crr	Detected	
TU-Exp-0705	ptsHp5	ptsH;ptsI;crr	Detected	
TU-Exp-0706	ptsHp3	ptsH;ptsI;crr	Detected	
TU-Exp-0707	ptsHp1	ptsH;ptsI;crr	Detected	
TU-Exp-0708	ptsHp2	ptsH;ptsI;crr	Detected	
TU-Exp-0709	crrpI	crr	Detected	
TU-Exp-0710	crrp2	crr	Detected	
TU-Exp-0711	infCp2	rplT;rpmI;infC	Detected	
TU-Exp-0712	rplTp	rplT	Detected	
TU-Exp-0713	tonBp	tonB	Detected	
TU-Exp-0714	treRp1	treR	Detected	Boundary
TU-Exp-0715	tyrTp	tpr;tyrV;tyrT	Detected	Boundary
TU-Exp-0716	valVp	valV;valW	Detected	
TU-Exp-0717	yicRp	mutM;rpmG;rpmB;yicR	Detected	Boundary
TU-Exp-0718	mutMp	mutM	Detected	
TU-Exp-0719	rpmBp	mutM;rpmG;rpmB	Detected	Boundary
TU-Exp-0720	gadYp	gadY	Detected	
TU-Exp-0721	ldrDp	ldrD	Detected	
TU-Exp-0722	micCp	micC	Detected	
TU-Exp-0723	glnSp2	glnS	Detected	
TU-Exp-0724	rybBp	rybB	Detected	
TU-Exp-0725	yjbEp	yjbE;yjbF;yjbG;yjbH	Detected	Boundary
TU-Exp-0726	rpsTp1	rpsT	Detected	
TU-Exp-0727	arsRp	arsR;arsB;arsC	Detected	Boundary
TU-Exp-0728	sroCp	sroC	Detected	Boundary
TU-Exp-0729	manAp	manA	Detected	
TU-Exp-0730	rseXp	rseX	Detected	
TU-Exp-0731	smfp	smf	Detected	
TU-Exp-0732	sroDp	sroD	Detected	
TU-Exp-0733	sroEp	sroE	Detected	Boundary
TU-Exp-0734	cspEp2	cspE	Detected	
TU-Exp-0735	dnaXp	dnaX	Detected	
TU-Exp-0736	frsAp	frsA	Detected	
TU-Exp-0737	fumAp	fumA	Detected	Boundary
TU-Exp-0738	glmYp	glmY	Detected	Boundary
TU-Exp-0739	iraPp	iraP	Detected	
TU-Exp-0740	omrAp	omrA	Detected	
TU-Exp-0741	omrBp	omrB	Detected	
TU-Exp-0742	rdlDp	rdlD	Detected	
TU-Exp-0743	rprAp	rprA	Detected	
TU-Exp-0744	ryeBp	ryeB	Detected	
TU-Exp-0745	ryhBp	ryhB	Detected	
TU-Exp-0746	sodCp	sodC	Detected	
TU-Exp-0747	sroGp	sroG	Detected	Boundary
TU-Exp-0748	sroHp	sroH	Detected	
TU-Exp-0749		suhB	Detected	
TU-Exp-0750	yejAp	yejA;yejB;yejE;yejF	Detected	
TU-Exp-0751	yjjPp	yjjP	Detected	Boundary
TU-Exp-0752	yjjWp	yjjW	Detected	TSS
TU-Exp-0753	ssrSp2	ssrS;ygfA	Detected	

TU-Exp-0754	gadXp	gadX		
TU-Exp-0755	ivbLp	ilvN;ilvB;ivbL		Boundary
TU-Exp-0756	lacZp2	lacA;lacY;lacZ	Detected	Boundary
TU-Exp-0757	lacZp3	lacA;lacY;lacZ	Detected	
TU-Exp-0758	lacZp4	lacA;lacY;lacZ	Detected	
TU-Exp-0759	malEp	malG;malF;malE	Detected	
TU-Exp-0760	mdtAp	mdtA;mdtB;mdtC;mdtD;baeS;baeR	Detected	
TU-Exp-0761	mreBp3	mreD;mreC;mreB	Detected	
TU-Exp-0762	nemRp	nemR;nemA	Detected	
TU-Exp-0763	recAp	recA		Boundary
TU-Exp-0764	rhoLp	rhoL;rho		TSS
TU-Exp-0765	slpp	slp;dctR		Boundary
TU-Exp-0766	yjjBp	yjjA;dnaC;dnaT;yjjB		TSS
TU-Exp-0767	yjjBp	yjjA;dnaC;dnaT;yjjB		TSS
TU-Exp-0768	dnaTp	dnaC;dnaT	Detected	
TU-Exp-0769	dnaTp	dnaC;dnaT	Detected	
TU-Exp-0770	norVp	norV;norW	Detected	
TU-Exp-0771	marRp	marR;marA;marB	Detected	
TU-Exp-0772	csrCp	csrC	Detected	
TU-Exp-0773	ilvIp3	ilvI;ilvH	Detected	
TU-Exp-0774	ilvIp2	ilvI;ilvH	Detected	
TU-Exp-0775	ilvIp4	ilvI;ilvH	Detected	
TU-Exp-0776	dksAp2	yadB;dksA	Detected	
TU-Exp-0777	dksAp1	yadB;dksA	Detected	
TU-Exp-0778	marCp	marC	Detected	
TU-Exp-0779	symRp	symR	Detected	
TU-Exp-0780	gadBp	gadC;gadB	Detected	
TU-Exp-0781	rpsTp2	rpsT	Detected	
TU-Exp-0782		tatA;tatB;tatC;tatD	Detected	
TU-Exp-0783	carAp2	carA;carB	Detected	
TU-Exp-0784	carAp1	carA;carB	Detected	
TU-Exp-0785	mreBp1	mreD;mreC;mreB	Detected	
TU-Exp-0786	mreBp2	mreD;mreC;mreB	Detected	
TU-Exp-0787	pdxHp	pdxY;tyrS;pdxH	Detected	
TU-Exp-0788		yrdB;aroE;rimN;yrdD	Detected	
TU-Exp-0789	nagBp	nagD;nagC;nagA;nagB	Detected	
TU-Exp-0790	yjbEp	yjbE;yjbF;yjbG;yjbH	Detected	
TU-Exp-0791	glmUp1	glmS;glmU	Detected	
TU-Exp-0792	glmUp2	glmS;glmU	Detected	
TU-Exp-0793	chpRp1	mazG;chpA;chpR	Detected	
TU-Exp-0794	adap	alkB;ada	Detected	
TU-Exp-0795		ansA;pncA	Detected	
TU-Exp-0796	aroKp1	trpS;gph;rpe;dam;damX;aroB;aroK	Detected	
TU-Exp-0797	damXp	trpS;gph;rpe;dam;damX	Detected	
TU-Exp-0798	rpep	trpS;gph;rpe	Detected	
TU-Exp-0799	damp2	trpS;gph;rpe;dam	Detected	
TU-Exp-0800	aroKp2	trpS;gph;rpe;dam;damX;aroB;aroK	Detected	
TU-Exp-0801	bdmp	sra;bdm		Boundary
TU-Exp-0802	cadBp	cadA;cadB	Detected	
TU-Exp-0803	cmkp	cmk;rpsA		Boundary
TU-Exp-0804	cutAp	cutA		Boundary
TU-Exp-0805	cvpAp2	ubiX;purF;cvpA	Detected	
TU-Exp-0806	dapAp	bamC;dapA	Detected	
TU-Exp-0807	dnaNp1	recF;dnaN		TSS
TU-Exp-0808	dnaNp3	recF;dnaN		TSS
TU-Exp-0809	dnaNp4	recF;dnaN		TSS
TU-Exp-0810	dnaNp2	recF;dnaN		TSS
TU-Exp-0811	dnaKp1	tpke11;dnaK;dnaJ	Detected	
TU-Exp-0812	dnaKp3	tpke11;dnaK;dnaJ	Detected	
TU-Exp-0813	dnaKp2	tpke11;dnaK;dnaJ	Detected	
TU-Exp-0814	ecpDp1	htrE;ecpD		Boundary
TU-Exp-0815	ecpDp3	htrE;ecpD		Boundary
TU-Exp-0816	ecpDp2	htrE;ecpD		Boundary

TU-Exp-0817	entCp	entC;entE;entB;entA;entH	Detected	
TU-Exp-0818	hcpp	hcr;hcp	Detected	
TU-Exp-0819	kdsCp	kdsC;lptC	Detected	
TU-Exp-0820	lexAp	lexA;dinF		Boundary
TU-Exp-0821	lptAp	lptA;lptB	Detected	
TU-Exp-0822	mdoGp1	mdoG;mdoH	Detected	
TU-Exp-0823	metBp	metB;metL	Detected	
TU-Exp-0824	metYp1	metY		Boundary
TU-Exp-0825	mprAp	mprA;emrA;emrB		Boundary
TU-Exp-0826	nlpDp1	rpoS;nlpD	Detected	
TU-Exp-0827	nlpDp2	rpoS;nlpD	Detected	
TU-Exp-0828	rpoSp	rpoS	Detected	
TU-Exp-0829	otsBp2	otsA;otsB	Detected	
TU-Exp-0830	otsBp	otsA;otsB	Detected	
TU-Exp-0831	otsAp	otsA	Detected	
TU-Exp-0832		ppk;ppx	Detected	
TU-Exp-0833	proVp1	proV;proW;proX	Detected	
TU-Exp-0834	proVp3	proV;proW;proX	Detected	
TU-Exp-0835	rlmLp	rlmL;uup	Detected	
TU-Exp-0836	alsRp1	alsE;alsC;alsA;alsB;rpiR		TSS
TU-Exp-0837	alsRp2	alsE;alsC;alsA;alsB;rpiR		TSS
TU-Exp-0838	rplKp	rplK;rplA;rplJ;rplL;rpoB;rpoC	Detected	
TU-Exp-0839	rplJp	rplJ;rplL;rpoB;rpoC	Detected	
TU-Exp-0840	rtcBp	rtcB;rtcA	Detected	
TU-Exp-0841		secM;secA;mutT	Detected	
TU-Exp-0842	tarp	cheZ;cheY;cheB;cheR;tap;tar		Boundary
TU-Exp-0843	thrLp	thrL;thrA;thrB;thrC	Detected	
TU-Exp-0844		ubiE;yigP;ubiB	Detected	
TU-Exp-0845	rpmFp	rpmF;plsX;fabH;fabD;fabG	Detected	
TU-Exp-0846		plsX;fabH;fabD;fabG		TSS
TU-Exp-0847	yhfGp	pabA;fic;yhfG	Detected	
TU-Exp-0848	yrbGp	yrbG;kdsD	Detected	
TU-Exp-0849	cirAp1	cirA	Detected	
TU-Exp-0850	cirAp2	cirA	Detected	
TU-Exp-0851	glpABCp	glpA;glpB;glpC	Detected	
TU-Exp-0852	glpFp	glpX;glpK;glpF		Boundary
TU-Exp-0853	trpLp	trpA;trpB;trpC;trpD;trpE;trpL	Detected	
TU-Exp-0854	yhdTp	yhdT;panF;prmA	Detected	
TU-Exp-0855		glmM;folP		Boundary
TU-Exp-0856		rspB;rspA	Detected	
TU-Exp-0857	codBp	codB;codA	Detected	
TU-Exp-0858	mglBp	mglC;mglA;mglB	Detected	
TU-Exp-0859	nanAp	yhch;nanK;nanE;nanT;nanA	Detected	
TU-Exp-0860	rpsMp2	rplQ;rpoA;rpsD;rpsK;rpsM	Detected	
TU-Exp-0861	serBp	serB;radA		Boundary
TU-Exp-0862	cydDp	cydC;cydD	Detected	
TU-Exp-0863	gltBp	gltB;gltD;gltF		Boundary
TU-Exp-0864	rncp	era;rnc		Boundary
TU-Exp-0865	yiaKp	yiaK;yiaL;yiaM;yiaN;yiaO;lyxK;sgbH;sgbU;sgbE	Detected	
TU-Exp-0866	yiaKp2	yiaK;yiaL;yiaM;yiaN;yiaO;lyxK;sgbH;sgbU;sgbE	Detected	
TU-Exp-0867	surEp2	pcm;surE	Detected	
TU-Exp-0868	nrdRp	nrdR;ribD;ribE;nusB;thiL;pgpA	Detected	
TU-Exp-0869	csgDp1	csgG;csgF;csgE;csgD	Detected	
TU-Exp-0870	sohAp	sohA;yhaV	Detected	
TU-Exp-0871	ydhYp	ydhT;ydhU;ydhX;ydhW;ydhV;ydhY	Detected	
TU-Exp-0872		dpiB;dpiA	Detected	
TU-Exp-0873	chpRp2	mazG;chpA;chpR	Detected	
TU-Exp-0874	mraZp	mraZ;mraW;ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	Detected	
TU-Exp-0875	pstSp	phoU;pstB;pstA;pstC;pstS	Detected	

Supplementary Table 14: Comparison of TUs to the computationally predicted TUs.

TU-Comp ID	Promoter	TU	This study
TU-Comp-0001		C0067	Detected
TU-Comp-0002		C0293	Detected
TU-Comp-0003		C0299	
TU-Comp-0004		C0343;dbpA	Detected
TU-Comp-0005		C0362	Detected
TU-Comp-0006		C0465	Detected
TU-Comp-0007		C0614	Detected
TU-Comp-0008		C0664	
TU-Comp-0009		C0719	Detected
TU-Comp-0010		IS128	Detected
TU-Comp-0011		aaeR	Detected
TU-Comp-0012		aaeB;aaeA;aaeX	Detected
TU-Comp-0013		lpIT;aas	
TU-Comp-0014		aat	Detected
TU-Comp-0015		ogt;abgT;abgB;abgA	
TU-Comp-0016		abgR	Detected
TU-Comp-0017		abrB	Detected
TU-Comp-0018	accAp	accA	Detected
TU-Comp-0019	aceBp	aceB;aceA;aceK	Detected
TU-Comp-0020	ackAp	ackA	
TU-Comp-0021	acnAp1	acnA	Detected
TU-Comp-0022	acnBp1	acnB	Detected
TU-Comp-0023	acnBp2	acnB	Detected
TU-Comp-0024		acpH	Detected
TU-Comp-0025		acpT	Detected
TU-Comp-0026	acrBp	acrB	
TU-Comp-0027	acrDp	acrD	Detected
TU-Comp-0028	acrRp	acrR	Detected
TU-Comp-0029		add	Detected
TU-Comp-0030		ade	Detected
TU-Comp-0031	adhEp1	adhE	Detected
TU-Comp-0032	adhEp2	adhE	Detected
TU-Comp-0033		adhP	Detected
TU-Comp-0034		adiC	
TU-Comp-0035	adiYp	adiY	
TU-Comp-0036	adkp	adk	Detected
TU-Comp-0037		aegA	Detected
TU-Comp-0038	aerp	aer	Detected
TU-Comp-0039	agaRp	agaR	Detected
TU-Comp-0040	agaSp	agaS;kbaY;agaB;agaC;agaD;agaI	
TU-Comp-0041	ahpC	ahpC;ahpF	Detected
TU-Comp-0042	aidBp	aidB	Detected
TU-Comp-0043		ais	Detected
TU-Comp-0044	alkAp	alkA	Detected
TU-Comp-0045	allDp	ylbA;allC;allD	
TU-Comp-0046		alpA	Detected
TU-Comp-0047	alrp2	alr	
TU-Comp-0048	alrp1	alr	
TU-Comp-0049		alsK	
TU-Comp-0050		amiC	Detected
TU-Comp-0051	amnp1	amn	Detected
TU-Comp-0052		ampD;ampE	Detected
TU-Comp-0053		ampG	
TU-Comp-0054	ampHp1	ampH	Detected
TU-Comp-0055	ampHp2	ampH	Detected
TU-Comp-0056		anmK	Detected
TU-Comp-0057	ansBp2	ansB	Detected
TU-Comp-0058	ansBp1	ansB	Detected
TU-Comp-0059	ansPp1	ansP	Detected
TU-Comp-0060	ansPp2	ansP	Detected
TU-Comp-0061		apbE	

TU-Comp-0062		aphA	Detected
TU-Comp-0063	appCp	appC;appB;appA;yccB	
TU-Comp-0064	appAp	appA	Detected
TU-Comp-0065	appYp	appY	Detected
TU-Comp-0066	aptp	apt	Detected
TU-Comp-0067	araBp	araD;araA;araB	Detected
TU-Comp-0068	araCp	araC	Detected
TU-Comp-0069	araEp	araE	
TU-Comp-0070	araFp	araG;araF;araH	
TU-Comp-0071	araJp	araJ	Detected
TU-Comp-0072	arcAp1	arcA	Detected
TU-Comp-0073	arcAp3	arcA	Detected
TU-Comp-0074	arcAp2	arcA	Detected
TU-Comp-0075	arcAp7	arcA	Detected
TU-Comp-0076	arcAp5	arcA	Detected
TU-Comp-0077	arcAp6	arcA	Detected
TU-Comp-0078	arcAp4	arcA	Detected
TU-Comp-0079	argAp	argA	Detected
TU-Comp-0080	argCp	argC;argB;argH	Detected
TU-Comp-0081	argDp	argD	Detected
TU-Comp-0082	argEp1	argE	Detected
TU-Comp-0083	argEp2	argE	Detected
TU-Comp-0084	argFp	argF	Detected
TU-Comp-0085	argGp	argG	Detected
TU-Comp-0086	argIp	argI	Detected
TU-Comp-0087	argOp	argO	Detected
TU-Comp-0088	argRp1	argR	Detected
TU-Comp-0089	argRp2	argR	Detected
TU-Comp-0090		argS	Detected
TU-Comp-0091	argTp	hisP;hisM;hisQ;hisJ;argT	
TU-Comp-0092	hisJp	hisP;hisM;hisQ;hisJ	Detected
TU-Comp-0093		arnB;arnC;arnA;arnD;arnT;arnF;arnE	
TU-Comp-0094	trpSp	trpS	Detected
TU-Comp-0095	damp1	trpS;gph;rpe;dam	Detected
TU-Comp-0096	yaiAp	yaiA;aroM	Detected
TU-Comp-0097		arpA	Detected
TU-Comp-0098		arpB_1;arpB_2	
TU-Comp-0099	ascFp	ascF;ascB	Detected
TU-Comp-0100	ascGp	ascG	Detected
TU-Comp-0101		asd	Detected
TU-Comp-0102		aslA	Detected
TU-Comp-0103	aslBp	aslB	Detected
TU-Comp-0104		asmA	
TU-Comp-0105	asnAp	asnA	Detected
TU-Comp-0106	asnBp	asnB	Detected
TU-Comp-0107	mioCp	mioC	Detected
TU-Comp-0108		gidB;mnmG	Detected
TU-Comp-0109	asnSp	asnS	Detected
TU-Comp-0110	aspAp	dcuA;aspA	
TU-Comp-0111	aspCp	aspC	Detected
TU-Comp-0112	aspSp1	aspS	
TU-Comp-0113		aspT	Detected
TU-Comp-0114	aspUp	aspU	
TU-Comp-0115		atl	
TU-Comp-0116	atoDp	atoD;atoA;atoE;atoB	Detected
TU-Comp-0117		atoS;atoC	Detected
TU-Comp-0118	atpIp	atpC;atpD;atpG;atpA;atpH;atpF;atpE;atpB;atpI	Detected
TU-Comp-0119	avtAp	avtA	Detected
TU-Comp-0120		azoR	Detected
TU-Comp-0121	bacAp	bacA	Detected
TU-Comp-0122	bamAp2	bamA;hlpA;lpxD;fabZ;lpxA;lpxB;rnhB;dnaE	
TU-Comp-0123	lpxDp	lpxD	
TU-Comp-0124	bamAp	bamA	Detected

TU-Comp-0125		fabZ	
TU-Comp-0126	bamBp	der;bamB	
TU-Comp-0127	bamDp2	bamD	Detected
TU-Comp-0128	bamDp	bamD	Detected
TU-Comp-0129		barA	Detected
TU-Comp-0130		basS;basR	Detected
TU-Comp-0131		bax	Detected
TU-Comp-0132		bcr	
TU-Comp-0133	bcsBp	bcsZ;bcsB	
TU-Comp-0134		bcsE;bcsF;bcsG	Detected
TU-Comp-0135	betIp	betA;betB;betI	Detected
TU-Comp-0136	betTp	betT	Detected
TU-Comp-0137		bfr;bfd	
TU-Comp-0138		bglA	Detected
TU-Comp-0139		yieK;yieL;bglH	Detected
TU-Comp-0140		bhsA	Detected
TU-Comp-0141	bioAp	bioA	
TU-Comp-0142	bioBp	bioB;bioF;bioC;bioD	Detected
TU-Comp-0143		bioH	Detected
TU-Comp-0144		bisC	Detected
TU-Comp-0145		blr	Detected
TU-Comp-0146	borDp	borD	Detected
TU-Comp-0147	brnQp	brnQ;proY	Detected
TU-Comp-0148		bssR	Detected
TU-Comp-0149	bssSp	bssS	Detected
TU-Comp-0150	bssSp2	bssS	Detected
TU-Comp-0151	bssSp1	bssS	Detected
TU-Comp-0152	btuBp	btuB;murI	Detected
TU-Comp-0153		btuD;btuE;btuC	
TU-Comp-0154	cadAp	cadA	
TU-Comp-0155	cadCp	cadC	Detected
TU-Comp-0156	caiTp	caiE;caiD;caiC;caiB;caiA;caiT	Detected
TU-Comp-0157	carBp	carB	
TU-Comp-0158	cbpAp	cbpM;cbpA	Detected
TU-Comp-0159		cbrA	Detected
TU-Comp-0160		cbrB	
TU-Comp-0161		cbrC	
TU-Comp-0162	cddp	cdd	Detected
TU-Comp-0163		cdsA	
TU-Comp-0164		chaA	Detected
TU-Comp-0165		chaB;chaC	
TU-Comp-0166	chbBp	chbG;chbF;chbR;chbA;chbC;chbB	Detected
TU-Comp-0167	chpSp1	chpS;chpB	Detected
TU-Comp-0168	chpSp2	chpS;chpB	Detected
TU-Comp-0169		citG;citX;citF;citE;citD;citC	
TU-Comp-0170		citT	
TU-Comp-0171		clcA	Detected
TU-Comp-0172		clcB	Detected
TU-Comp-0173		clid	Detected
TU-Comp-0174	clpPp3	clpP;clpX	Detected
TU-Comp-0175	clpXp	clpX;lon	
TU-Comp-0176		clpS	
TU-Comp-0177	clsp	yciU;cls	Detected
TU-Comp-0178		yggC;yggD;yggF;cmtA;cmtB;yggP	
TU-Comp-0179	yggDp	yggC;yggD	Detected
TU-Comp-0180		cnu	Detected
TU-Comp-0181		yacG;yacF;coaE	Detected
TU-Comp-0182		cof	Detected
TU-Comp-0183	copAp	copA	Detected
TU-Comp-0184	cpdBp	cpdB	Detected
TU-Comp-0185	cpxRp	cpxA;cpxR	Detected
TU-Comp-0186		crcB	Detected
TU-Comp-0187	creAp2	creA;creB;creC	Detected

TU-Comp-0188	crpp1	crp	
TU-Comp-0189	crpp3	crp	
TU-Comp-0190	crpp2	crp	
TU-Comp-0191		csdA;csdE	Detected
TU-Comp-0192	csgCp	csgC	
TU-Comp-0193	csiEp	csiE	Detected
TU-Comp-0194		csiR	Detected
TU-Comp-0195	cspAp2	cspA	Detected
TU-Comp-0196	cspAp1	cspA	Detected
TU-Comp-0197	cspBp	cspB	Detected
TU-Comp-0198		cspF	Detected
TU-Comp-0199	cspGp	cspG	Detected
TU-Comp-0200		cspH	Detected
TU-Comp-0201	cspIp	cspI	Detected
TU-Comp-0202	csrAp	csrA	Detected
TU-Comp-0203		csrD	Detected
TU-Comp-0204	cueOp	cueO	Detected
TU-Comp-0205		cueR	Detected
TU-Comp-0206		cvrA	
TU-Comp-0207	cyaAp	cyaA	Detected
TU-Comp-0208	cyaAp2	cyaA	Detected
TU-Comp-0209	cyaAp1	cyaA	Detected
TU-Comp-0210		cyaY	Detected
TU-Comp-0211		cybB	Detected
TU-Comp-0212		cybC	Detected
TU-Comp-0213	cycAp	cycA	Detected
TU-Comp-0214	cydAp3	cydA;cydB	Detected
TU-Comp-0215	cydAp5	cydA;cydB	Detected
TU-Comp-0216	cydAp4	cydA;cydB	Detected
TU-Comp-0217	cydAp1	cydA;cydB	Detected
TU-Comp-0218	cydAp2	cydA;cydB	Detected
TU-Comp-0219	cynRp	cynR	Detected
TU-Comp-0220	cyoAp	cyoE;cyoD;cyoC;cyoB;cyoA	Detected
TU-Comp-0221	cysBp	cysB	Detected
TU-Comp-0222	cysHp	cysH	
TU-Comp-0223	cysJp	cysH;cysI;cysJ	Detected
TU-Comp-0224	cysKp1	cysK	Detected
TU-Comp-0225	cysKp2	cysK	Detected
TU-Comp-0226	cysPp	cysM;cysA;cysW;cysU;cysP	Detected
TU-Comp-0227		cysQ	Detected
TU-Comp-0228	cysSp	cysS	Detected
TU-Comp-0229		cysZ	Detected
TU-Comp-0230	cytRp	cytR	Detected
TU-Comp-0231		dacA	Detected
TU-Comp-0232		dacB	Detected
TU-Comp-0233	dacCp	dacC	Detected
TU-Comp-0234		dacD	Detected
TU-Comp-0235	dadAp2	dadA;dadX	Detected
TU-Comp-0236	dadAp1	dadA;dadX	Detected
TU-Comp-0237	dadAp3	dadA;dadX	Detected
TU-Comp-0238		vsr;dcn	Detected
TU-Comp-0239		dcp	Detected
TU-Comp-0240		dcrB	Detected
TU-Comp-0241	dcuCp	dcuC	Detected
TU-Comp-0242	dcuDp	dcuD	Detected
TU-Comp-0243	dcuDp2	dcuD	Detected
TU-Comp-0244	dcuSp	dcuR;dcuS	Detected
TU-Comp-0245	dcuRp	dcuR	Detected
TU-Comp-0246	dcyDp	yecC;yecS;dcyD	Detected
TU-Comp-0247		ddlA	Detected
TU-Comp-0248	ddpXp	ddpF;ddpD;ddpC;ddpB;ddpA;ddpX	Detected
TU-Comp-0249		deaD	Detected
TU-Comp-0250	degPp	degP	

TU-Comp-0251	degQp1	degQ;degS	
TU-Comp-0252	degQp2	degQ;degS	
TU-Comp-0253	deoAp	deoA;deoB;deoD	
TU-Comp-0254	dfpp	dfp	
TU-Comp-0255	dgkAp	dgkA	Detected
TU-Comp-0256		dgoT;dgoK;dgoA;dgoD;dgoR	
TU-Comp-0257		ynfK	Detected
TU-Comp-0258	dgsAp1	dgsA	Detected
TU-Comp-0259	dgsAp2	ynfK;dgsA	
TU-Comp-0260	dgtp1	dgt	Detected
TU-Comp-0261	dgtp2	dgt	Detected
TU-Comp-0262	dhaMp	dhaM	
TU-Comp-0263	dhaKp	dhaM;dhaL;dhaK	Detected
TU-Comp-0264	dhaRp	dhaR	Detected
TU-Comp-0265		diaA	
TU-Comp-0266		dicA	Detected
TU-Comp-0267		ydfW;ydfX;dicC	Detected
TU-Comp-0268		dicF	Detected
TU-Comp-0269		dinB	Detected
TU-Comp-0270		dinD	Detected
TU-Comp-0271	dinGp	dinG	Detected
TU-Comp-0272		dinI	Detected
TU-Comp-0273		yafQ;dinJ	Detected
TU-Comp-0274	yjdCp	yjdC	Detected
TU-Comp-0275		yjdC;dipZ	
TU-Comp-0276		djlA	Detected
TU-Comp-0277	dkgAp	dkgA	Detected
TU-Comp-0278		dkgB	Detected
TU-Comp-0279		dld	Detected
TU-Comp-0280	dmsAp1	dmsA;dmsB;dmsC	Detected
TU-Comp-0281	dmsAp2	dmsA;dmsB;dmsC	Detected
TU-Comp-0282	dnaAp1	recF;dnaN;dnaA	
TU-Comp-0283	dnaAp2	recF;dnaN;dnaA	
TU-Comp-0284	recFp1	recF	Detected
TU-Comp-0285	recFp2	recF	Detected
TU-Comp-0286	dnaBp	dnaB	
TU-Comp-0287		tpke11	
TU-Comp-0288		dnaQ	Detected
TU-Comp-0289	dnaQp1	dnaQ	Detected
TU-Comp-0290	dnaQp2	dnaQ	Detected
TU-Comp-0291	dppA	dppF;dppD;dppC;dppB;dppA	Detected
TU-Comp-0292	dpsp	dps	Detected
TU-Comp-0293		dsbB	Detected
TU-Comp-0294		dsbG	Detected
TU-Comp-0295	dsdCp	dsdC	Detected
TU-Comp-0296	dsdXp	dsdX;dsdA	Detected
TU-Comp-0297	dsdAp	dsdA	Detected
TU-Comp-0298		dsrA	Detected
TU-Comp-0299		dsrB	Detected
TU-Comp-0300		dtpB	
TU-Comp-0301		dusA	
TU-Comp-0302		dusC	Detected
TU-Comp-0303		dxr	
TU-Comp-0304		eaeH;insEF-1;insE-1;insF-1	
TU-Comp-0305		eamB	Detected
TU-Comp-0306	ebgAp	ebgA;ebgC	Detected
TU-Comp-0307	ebgRp	ebgR	Detected
TU-Comp-0308		ecnA;ecnB	
TU-Comp-0309		eco	Detected
TU-Comp-0310		efeO;efeB	
TU-Comp-0311	efeU_1p	efeU_2;efeU_1	
TU-Comp-0312	efpp	efp	Detected
TU-Comp-0313		elaA	Detected

TU-Comp-0314	elaBp	elaB	Detected
TU-Comp-0315		elaD	Detected
TU-Comp-0316		mtgA;elbB	Detected
TU-Comp-0317		emrD	Detected
TU-Comp-0318	emrKp	emrY;emrK	Detected
TU-Comp-0319		emtA	Detected
TU-Comp-0320	ybdBp	entH	
TU-Comp-0321	entSp1	entS	Detected
TU-Comp-0322	entSp2	entS	Detected
TU-Comp-0323		envR	Detected
TU-Comp-0324		ompT;envY	
TU-Comp-0325	ompTp	ompT	Detected
TU-Comp-0326		eptA	Detected
TU-Comp-0327		eptB	Detected
TU-Comp-0328		erfK	Detected
TU-Comp-0329	erpAp	erpA	Detected
TU-Comp-0330	essDp	essD;ybcS;rzpD	
TU-Comp-0331		ydfP;ydfQ;ydfR;essQ	
TU-Comp-0332		eutR;eutK;eutL;eutC;eutB	Detected
TU-Comp-0333		eutA;eutH	Detected
TU-Comp-0334		eutG;eutJ;eutE;eutN	Detected
TU-Comp-0335		eutM;eutD;eutT;eutQ;eutP;eutS	Detected
TU-Comp-0336	evgAp1	evgA;evgS	Detected
TU-Comp-0337	evgAp2	evgA;evgS	Detected
TU-Comp-0338	fabAp	fabA	Detected
TU-Comp-0339	fabBp	fabB	Detected
TU-Comp-0340	fabIp2	fabI	Detected
TU-Comp-0341	fabIp1	fabI	Detected
TU-Comp-0342	fabRp	fabR;yijD	Detected
TU-Comp-0343	fadBp	fadA;fadB	Detected
TU-Comp-0344	fadDp	fadD	Detected
TU-Comp-0345	fadEp	fadE	Detected
TU-Comp-0346		fadH	Detected
TU-Comp-0347	fadIp	fadJ;fadI	Detected
TU-Comp-0348	fadLp	fadL	Detected
TU-Comp-0349	fadRp	fadR	Detected
TU-Comp-0350	fbaBp	fbaB	Detected
TU-Comp-0351		fbp	Detected
TU-Comp-0352		fdhD	Detected
TU-Comp-0353	fdhFp	fdhF	Detected
TU-Comp-0354	fdnGp	fdnG;fdnH;fdnI	
TU-Comp-0355		fdhE;fdoI;fdoH;fdoG	
TU-Comp-0356		yIbE_1;yIbE_2;fdrA;yIbF;ybcF	
TU-Comp-0357	feoAp	feoA;feoB	
TU-Comp-0358		feoC	
TU-Comp-0359	fepAp	entD;fepA	Detected
TU-Comp-0360	fepBp	fepB	Detected
TU-Comp-0361	fepDp1	fepC;fepG;fepD	Detected
TU-Comp-0362	fepDp2	fepC;fepG;fepD	Detected
TU-Comp-0363	fesp	fes;entF;fepE;ybdZ	
TU-Comp-0364	ffhp	ffh	Detected
TU-Comp-0365		ffs	Detected
TU-Comp-0366	fhuAp	fhuA;fhuC;fhuD;fhuB	Detected
TU-Comp-0367	fhuFp	fhuF	Detected
TU-Comp-0368		fieF	Detected
TU-Comp-0369	fimAp	fimA;fimI;fimC;fimD;fimF;fimG;fimH	Detected
TU-Comp-0370		fimZ	Detected
TU-Comp-0371	fiup	fiu	
TU-Comp-0372		fkIb	Detected
TU-Comp-0373	fkpAp1	fkpA	Detected
TU-Comp-0374	fkpAp2	fkpA	Detected
TU-Comp-0375	furp1	fur;uof	Detected
TU-Comp-0376	fIbBp	fIbB	Detected

TU-Comp-0377	flgMp	flgN;flgM	Detected
TU-Comp-0378	flgAp	flgN;flgM;flgA	Detected
TU-Comp-0379	flgBp	flgB;flgC;flgD;flgE;flgF;flgG;flgH;flgI;flgJ	
TU-Comp-0380	flgKp	flgK;flgL	Detected
TU-Comp-0381	flhBp	flhE;flhA;flhB	
TU-Comp-0382	flhDp	flhC;flhD	Detected
TU-Comp-0383	fliCp	fliC	Detected
TU-Comp-0384	fliDp1	fliD;fliS;fliT	Detected
TU-Comp-0385	fliEp1	fliE	Detected
TU-Comp-0386	fliFp1	fliF;fliG;fliH;fliI;fliJ;fliK	Detected
TU-Comp-0387	fliFp	fliF;fliG;fliH;fliI;fliJ;fliK	Detected
TU-Comp-0388	fliLp1	fliL;fliM;fliN;fliO;fliP;fliQ;fliR	Detected
TU-Comp-0389	fliLp2	fliL;fliM;fliN;fliO;fliP;fliQ;fliR	Detected
TU-Comp-0390	flup1	flu	Detected
TU-Comp-0391	flup2	flu	Detected
TU-Comp-0392	fnrp	fnr	Detected
TU-Comp-0393		folB	Detected
TU-Comp-0394		dedD;folC	
TU-Comp-0395	foldp	ybcJ;folD	Detected
TU-Comp-0396		yeiB;folE	
TU-Comp-0397	fprp	fpr	Detected
TU-Comp-0398	frcp	frc	
TU-Comp-0399	frdAp	frdD;frdC;frdB;frdA	Detected
TU-Comp-0400	frep3	fre	
TU-Comp-0401	frep2	fre	
TU-Comp-0402	frep1	fre	
TU-Comp-0403		friA;friB;friD;friR;friC	
TU-Comp-0404		frmB;frmA;frmR	Detected
TU-Comp-0405		frr	
TU-Comp-0406	fruBp	fruA;fruK;fruB	Detected
TU-Comp-0407		fruR	Detected
TU-Comp-0408		frvR;frvX;frvB;frvA	Detected
TU-Comp-0409		frwC;frwB	
TU-Comp-0410		frwD	
TU-Comp-0411		fryA;ypdE;ypdF;fryC;fryB	Detected
TU-Comp-0412		fsaA	Detected
TU-Comp-0413		fsr	Detected
TU-Comp-0414		ftnA	Detected
TU-Comp-0415	ftnBp	ftnB	Detected
TU-Comp-0416	ftnBp2	ftnB	Detected
TU-Comp-0417		ftsB	
TU-Comp-0418	ftsKp1	ftsK	Detected
TU-Comp-0419	ftsKp2	ftsK	Detected
TU-Comp-0420	ftsKp3	ftsK	Detected
TU-Comp-0421		ftsP	Detected
TU-Comp-0422		ftsX;ftsE;ftsY	Detected
TU-Comp-0423	fucPp	fucP;fucI;fucK;fucU;fucR	
TU-Comp-0424	fumCp	fumC	Detected
TU-Comp-0425		mdtE;mdtF	Detected
TU-Comp-0426	gadEp1	gadE	
TU-Comp-0427	gadEp2	gadE	
TU-Comp-0428	galEp3	galM;galK;galT;galE	
TU-Comp-0429	galEp1	galM;galK;galT;galE	
TU-Comp-0430	galEp2	galM;galK;galT;galE	
TU-Comp-0431	galFp	galF	Detected
TU-Comp-0432	galPp	galP	
TU-Comp-0433	galRp	galR	Detected
TU-Comp-0434	galSp	galS	
TU-Comp-0435	gapAp2	gapA;yeaD	
TU-Comp-0436	gapAp3	gapA	Detected
TU-Comp-0437	gapAp1	gapA	Detected
TU-Comp-0438	gapAp4	gapA	Detected
TU-Comp-0439		yeaD	Detected

TU-Comp-0440	gapC_1p	gapC_1;gapC_2	
TU-Comp-0441		gatR_1	
TU-Comp-0442	gatR_2p	gatR_2	
TU-Comp-0443	gatZp	gatD;gatC;gatB;gatA;gatZ	
TU-Comp-0444	ybbYp	ybbY;glxK	
TU-Comp-0445	gclp	gcl;hyi;glxR;ybbV;ybbW;allB;ybbY;glxK	Detected
TU-Comp-0446	gcvAp	gcvA	Detected
TU-Comp-0447	bcp	bcp	Detected
TU-Comp-0448	gcvRp	gcvR;bcp	Detected
TU-Comp-0449	gcvTp	gcvP;gcvH;gcvT	Detected
TU-Comp-0450		gfcA	
TU-Comp-0451		gfcD;gfcC;gfcB	
TU-Comp-0452		etk;etp;gfcE	
TU-Comp-0453		ggt	Detected
TU-Comp-0454		ghrA	
TU-Comp-0455		ghrB	Detected
TU-Comp-0456	glcBp	glcA;glcB	
TU-Comp-0457		rfc;glf	
TU-Comp-0458		glgX;glgB	
TU-Comp-0459	glgCp1	glgP;glgA;glgC	Detected
TU-Comp-0460	glgCp2	glgP;glgA;glgC	Detected
TU-Comp-0461	glgCp3	glgP;glgA;glgC	Detected
TU-Comp-0462	glkp1	glk	Detected
TU-Comp-0463	glkp2	glk	Detected
TU-Comp-0464	glnLp	glnG;glnL	Detected
TU-Comp-0465	glnHp2	glnQ;glnP;glnH	Detected
TU-Comp-0466	glnHp1	glnQ;glnP;glnH	Detected
TU-Comp-0467	glnQp	glnQ	
TU-Comp-0468	gloAp	gloA	Detected
TU-Comp-0469		gloB	Detected
TU-Comp-0470	glpDp	glpD	Detected
TU-Comp-0471	glpTQp	glpQ;glpT	Detected
TU-Comp-0472	gltIp1	sroC;gltL;gltK;gltJ;gltI	
TU-Comp-0473	gltIp	sroC;gltL;gltK;gltJ;gltI	
TU-Comp-0474		gltP	Detected
TU-Comp-0475		gltS	Detected
TU-Comp-0476		ysdC;glvG;glvB;glvC	
TU-Comp-0477	glyAp	glyA	Detected
TU-Comp-0478	glyUp	glyU	Detected
TU-Comp-0479		glyU	Detected
TU-Comp-0480	gmhBp	gmhB	Detected
TU-Comp-0481		gmk	
TU-Comp-0482	gmrp	gmr	Detected
TU-Comp-0483		gnd	Detected
TU-Comp-0484	gnsBp	gnsB	Detected
TU-Comp-0485	nfuAp2	nfuA	
TU-Comp-0486	nfuAp1	nfuA	
TU-Comp-0487		gor	Detected
TU-Comp-0488	gorp	gor	Detected
TU-Comp-0489	gpmAp	gpmA	Detected
TU-Comp-0490	gpmMp	gpmM;envC;yibQ	Detected
TU-Comp-0491		gpp	
TU-Comp-0492		gpt	Detected
TU-Comp-0493		greB	Detected
TU-Comp-0494	groLp3	groL	Detected
TU-Comp-0495	groLp2	groL	Detected
TU-Comp-0496	groSp	groS;groL	Detected
TU-Comp-0497	groLp1	groL	Detected
TU-Comp-0498	grxAp	grxA	Detected
TU-Comp-0499		grxB	
TU-Comp-0500		grxC	
TU-Comp-0501		grxD	Detected
TU-Comp-0502		gshA	Detected

TU-Comp-0503		gsk	Detected
TU-Comp-0504	gsp	gsp	Detected
TU-Comp-0505	gspAp4	gspB;gspA	Detected
TU-Comp-0506	gspAp3	gspB;gspA	Detected
TU-Comp-0507	gspAp6	gspB;gspA	Detected
TU-Comp-0508	gspAp5	gspB;gspA	Detected
TU-Comp-0509	gspAp1	gspB;gspA	Detected
TU-Comp-0510	gspAp2	gspB;gspA	Detected
TU-Comp-0511	gspCp3	gspC;gspD;gspE;gspF;gspG;gspH;gspI;gspJ;gspK;gspL;gspM;gspO	Detected
TU-Comp-0512	gspCp1	gspC;gspD;gspE;gspF;gspG;gspH;gspI;gspJ;gspK;gspL;gspM;gspO	Detected
TU-Comp-0513	gspCp2	gspC;gspD;gspE;gspF;gspG;gspH;gspI;gspJ;gspK;gspL;gspM;gspO	Detected
TU-Comp-0514	gst	gst	Detected
TU-Comp-0515		guaC	Detected
TU-Comp-0516	gyrAp	gyrA	Detected
TU-Comp-0517	hcaRp	hcaR	
TU-Comp-0518		hcaT	
TU-Comp-0519		yhiD	
TU-Comp-0520	hdeDp2	hdeD	Detected
TU-Comp-0521	hdeDp	hdeD	Detected
TU-Comp-0522		hdfR	Detected
TU-Comp-0523	hdhAp	hdhA	Detected
TU-Comp-0524		helD	Detected
TU-Comp-0525		hemB	Detected
TU-Comp-0526		hemY;hemX;hemD;hemC	Detected
TU-Comp-0527	hemHp	hemH	Detected
TU-Comp-0528	hemLp	hemL	Detected
TU-Comp-0529	hepAp	rluA;hepA	Detected
TU-Comp-0530		hinT;ycfL;ycfM;thiK;nagZ;ycfP	Detected
TU-Comp-0531	hipBp	hipA;hipB	
TU-Comp-0532	hisSp	hisS	
TU-Comp-0533	hnsp	hns	Detected
TU-Comp-0534		hofP;hofO;hofN;hofM	
TU-Comp-0535		hofQ	
TU-Comp-0536		hokA	
TU-Comp-0537		hokB	
TU-Comp-0538	holCp	valS;holC	
TU-Comp-0539		holC	Detected
TU-Comp-0540	holDp	holD;rimI;yjjG	
TU-Comp-0541		holE	Detected
TU-Comp-0542	hptp	hpt	Detected
TU-Comp-0543		hrpA	Detected
TU-Comp-0544		hrpB	Detected
TU-Comp-0545	hscAp	iscX;fdx;hscA	Detected
TU-Comp-0546	hscBp	iscX;fdx;hscA;hscB	
TU-Comp-0547		hscC	Detected
TU-Comp-0548		hsdS;hsdM	Detected
TU-Comp-0549		hsdS;hsdM;hsdR	
TU-Comp-0550	hslJp	hslJ	Detected
TU-Comp-0551	hspQp	hspQ	Detected
TU-Comp-0552	htrGp2	htrG;cca	Detected
TU-Comp-0553	htrGp	htrG	
TU-Comp-0554		htrL	Detected
TU-Comp-0555		hyuA	
TU-Comp-0556	iaaAp	iaaA;gsiA;gsiB;gsiC;gsiD	Detected
TU-Comp-0557		iap	Detected
TU-Comp-0558	icdAp1	icd	Detected
TU-Comp-0559	icdAp2	icd	Detected
TU-Comp-0560		icdC	Detected
TU-Comp-0561	iclRp	iclR	Detected
TU-Comp-0562		idi	Detected
TU-Comp-0563		ileY	Detected
TU-Comp-0564	ilvCp	ilvC	Detected
TU-Comp-0565	ilvYp	ilvY	Detected

TU-Comp-0566	inaAp	inaA	Detected
TU-Comp-0567		insAB-1;insB-1;insA-1	
TU-Comp-0568		insAB-2;afuC;afuB;insB-2;insA-2	
TU-Comp-0569		insAB-3;insB-3;insA-3	
TU-Comp-0570		insAB-4;insB-4;insA-4	
TU-Comp-0571	insA-5p	insAB-5;insB-5;insA-5	
TU-Comp-0572		insA-7	
TU-Comp-0573		insB-7_1;insB-7_2	
TU-Comp-0574		insCD-1;insC-1;insD-1	
TU-Comp-0575		insCD-2;insD-2;insC-2	
TU-Comp-0576	insC-3p	insCD-3;insD-3;insC-3	
TU-Comp-0577		insCD-4;ygeN;ygeM;ygeO;insD-4;insC-4	
TU-Comp-0578		insCD-5;insC-5;insD-5;yqiG;yqiH;yqiI	
TU-Comp-0579		insCD-6;insC-6;insD-6	
TU-Comp-0580		insEF-2;insF-2;insE-2	
TU-Comp-0581		insEF-3;insE-3;insF-3	
TU-Comp-0582		insEF-4;insF-4;insE-4	
TU-Comp-0583		insEF-5;insE-5;insF-5	
TU-Comp-0584		insG	Detected
TU-Comp-0585		insH-1	Detected
TU-Comp-0586		insH-10	Detected
TU-Comp-0587		insH-11	Detected
TU-Comp-0588		insH-2	Detected
TU-Comp-0589		insH-3	Detected
TU-Comp-0590		insH-4	Detected
TU-Comp-0591		insH-5	Detected
TU-Comp-0592		insH-6	Detected
TU-Comp-0593		insH-7	Detected
TU-Comp-0594		insH-8	Detected
TU-Comp-0595		insH-9	Detected
TU-Comp-0596		insI-2	Detected
TU-Comp-0597		insJ	Detected
TU-Comp-0598		insL-1	Detected
TU-Comp-0599		insL-2	Detected
TU-Comp-0600		insL-3	Detected
TU-Comp-0601		insM;insI-3	
TU-Comp-0602		insN-1;insI-1;insO-1	
TU-Comp-0603		yjhW;insO-2;yjhV	
TU-Comp-0604		intA	Detected
TU-Comp-0605		intB	Detected
TU-Comp-0606		intD	Detected
TU-Comp-0607		intF	Detected
TU-Comp-0608		intG	Detected
TU-Comp-0609		intS	Detected
TU-Comp-0610		intZ	Detected
TU-Comp-0611	iraDp	iraD	
TU-Comp-0612	iraMp	iraM	
TU-Comp-0613	iraPp2	iraP	Detected
TU-Comp-0614		ispB	
TU-Comp-0615		ispF;ispD	
TU-Comp-0616		ispG	
TU-Comp-0617	ispUp1	ispU	
TU-Comp-0618	ispUp2	ispU	
TU-Comp-0619		isrA	Detected
TU-Comp-0620		isrB	Detected
TU-Comp-0621		isrC	Detected
TU-Comp-0622	istR-1p	istR-1	
TU-Comp-0623	istR-2p	istR-2	
TU-Comp-0624		ivy	Detected
TU-Comp-0625	katGp	katG	Detected
TU-Comp-0626	kbaZp	kbaZ;agaV;agaW;agaA	
TU-Comp-0627	kblp	tdh;kbl	Detected
TU-Comp-0628	kchp	kch	Detected

TU-Comp-0629		kdgK	Detected
TU-Comp-0630		kdgR	Detected
TU-Comp-0631		kdgT	
TU-Comp-0632		kdpE;kdpD	Detected
TU-Comp-0633		kduD	
TU-Comp-0634		kduI	
TU-Comp-0635	kefAp	kefA	Detected
TU-Comp-0636		kefF;kefC	Detected
TU-Comp-0637		kefB;kefG;yheV	
TU-Comp-0638		kgtP	Detected
TU-Comp-0639		kiIR;ydaE	
TU-Comp-0640		kptA	Detected
TU-Comp-0641	kupp3	kup	Detected
TU-Comp-0642	kupp2	kup	Detected
TU-Comp-0643	kupp1	kup	Detected
TU-Comp-0644		lafU	Detected
TU-Comp-0645		ldcA	
TU-Comp-0646	ldhAp	ldhA	Detected
TU-Comp-0647		ldrA	Detected
TU-Comp-0648		ldrB	Detected
TU-Comp-0649		ldrC	Detected
TU-Comp-0650		leuE	Detected
TU-Comp-0651	leuLp	leuD;leuC;leuB;leuA;leuL	Detected
TU-Comp-0652		cobC;nadD;holA;lptE;leuS	
TU-Comp-0653		lfhA	Detected
TU-Comp-0654		thyA;lgt	Detected
TU-Comp-0655	ligAp	ligA;ypeB	
TU-Comp-0656		ligB	Detected
TU-Comp-0657		ligT	
TU-Comp-0658	lipAp	lipA	Detected
TU-Comp-0659		lit	Detected
TU-Comp-0660	lldPp	lldP;lldR;lldD	Detected
TU-Comp-0661		lolA;rarA	Detected
TU-Comp-0662	prsp	prs	Detected
TU-Comp-0663		lolC;lolD;lolE	Detected
TU-Comp-0664		lomR_2;stfR;tfaR	
TU-Comp-0665		lpcA	
TU-Comp-0666	lptBp	lptB;rpoN;hpf;ptsN;yhbJ	
TU-Comp-0667	rpoNp	rpoN	
TU-Comp-0668	impp1	lptD	
TU-Comp-0669	impp2	lptD	
TU-Comp-0670		lptF;lptG	
TU-Comp-0671		lpxM	Detected
TU-Comp-0672	lpxPp	lpxP	Detected
TU-Comp-0673	lrhAp	lrhA	Detected
TU-Comp-0674	lrpp	lrp	Detected
TU-Comp-0675		luxS	Detected
TU-Comp-0676	lysAp	lysA	Detected
TU-Comp-0677	lysCp1	lysC	Detected
TU-Comp-0678	lysCp2	lysC	Detected
TU-Comp-0679	lysPp	lysP	Detected
TU-Comp-0680		lysQ	
TU-Comp-0681	lysRp	lysR	Detected
TU-Comp-0682	lysUp1	lysU	Detected
TU-Comp-0683	lysUp2	lysU	Detected
TU-Comp-0684		lysZ	
TU-Comp-0685		maa	Detected
TU-Comp-0686	macBp1	macB	
TU-Comp-0687	macBp2	macB	
TU-Comp-0688		macA;macB	Detected
TU-Comp-0689		maeA	Detected
TU-Comp-0690		maeB	Detected
TU-Comp-0691		mak	Detected

TU-Comp-0692	malIp	malI	Detected
TU-Comp-0693	malKp	malK;lambB;malM	Detected
TU-Comp-0694	malPp	malQ;malP	Detected
TU-Comp-0695	malSp	malS	Detected
TU-Comp-0696	manXp	manX;manY;manZ	Detected
TU-Comp-0697		dapD;glnD;map	
TU-Comp-0698		matA	Detected
TU-Comp-0699		matB	
TU-Comp-0700	matCp1	yagV;yagW;yagX;matC	
TU-Comp-0701	matCp2	yagV;yagW;yagX;matC	
TU-Comp-0702		mcbA	
TU-Comp-0703		mcbR	
TU-Comp-0704		mcrA	Detected
TU-Comp-0705		mdaB	Detected
TU-Comp-0706	mdhp	mdh	Detected
TU-Comp-0707		mdIA;mdIB	
TU-Comp-0708		mdoB	Detected
TU-Comp-0709		mdoC	Detected
TU-Comp-0710		mdoD	Detected
TU-Comp-0711		baeS;baeR	
TU-Comp-0712		mdtG	Detected
TU-Comp-0713		mdtH	Detected
TU-Comp-0714		mdtI;mdtJ	Detected
TU-Comp-0715		mdtK	Detected
TU-Comp-0716		mdtL	Detected
TU-Comp-0717		yjiN;mdtM	
TU-Comp-0718		mdtP;mdtO;mdtN	
TU-Comp-0719		mdtQ	Detected
TU-Comp-0720	menAp1	rraA;menA	
TU-Comp-0721	rraAp	rraA	Detected
TU-Comp-0722	menDp	menE;menC;menB;menH;menD	
TU-Comp-0723	menBp	menE;menC;menB	Detected
TU-Comp-0724		menE;menC;menB;menH;menD;menF	
TU-Comp-0725	metCp	metC	Detected
TU-Comp-0726	metEp	metE	Detected
TU-Comp-0727	metFp	metF	Detected
TU-Comp-0728	metGp	metG	Detected
TU-Comp-0729	metHp	metH	Detected
TU-Comp-0730	metKp	metK	Detected
TU-Comp-0731	metRp1	metR	Detected
TU-Comp-0732	metRp2	metR	Detected
TU-Comp-0733	glnWp	glnX;glnV;metU;glnW	Detected
TU-Comp-0734	mfdp2	mfd	Detected
TU-Comp-0735	mfdp1	mfd	Detected
TU-Comp-0736	mgIAp	mgIC;mgIA	
TU-Comp-0737	mgrBp	mgrB	
TU-Comp-0738	mgsAp	mgsA	Detected
TU-Comp-0739	mgtAp2	mgtA	
TU-Comp-0740	mgtAp1	mgtA	
TU-Comp-0741	mhpRp	lacI;mhpR	Detected
TU-Comp-0742	lacIp	lacI	
TU-Comp-0743		mhpT	Detected
TU-Comp-0744		miaB	Detected
TU-Comp-0745		minE;minD;minC	Detected
TU-Comp-0746	mipAp	mipA	Detected
TU-Comp-0747		mliC	
TU-Comp-0748		mIra	Detected
TU-Comp-0749		mIra	Detected
TU-Comp-0750		mIra	Detected
TU-Comp-0751		mIra	Detected
TU-Comp-0752	mIraFp	mIraF	Detected
TU-Comp-0753		mmuP;mmuM	Detected
TU-Comp-0754	mngRp	mngR	Detected

TU-Comp-0755	mnmA	mnmA	
TU-Comp-0756		mnmC	Detected
TU-Comp-0757		mnmE	Detected
TU-Comp-0758	mntHp	mntH	Detected
TU-Comp-0759		mntR;ybiR	Detected
TU-Comp-0760	moaAp2	moaA;moaB;moaC;moaD;moaE	Detected
TU-Comp-0761	moaAp1	moaA;moaB;moaC;moaD;moaE	Detected
TU-Comp-0762	moaBp	moaB;moaC;moaD;moaE	Detected
TU-Comp-0763	mobAp	mobB;mobA	Detected
TU-Comp-0764	modAp	modA;modB;modC	Detected
TU-Comp-0765	modAp1	modA;modB;modC	Detected
TU-Comp-0766		modF;modE	Detected
TU-Comp-0767	moeAp	moeB;moeA	Detected
TU-Comp-0768		mog	Detected
TU-Comp-0769		mokB	
TU-Comp-0770		mokC;hokC	
TU-Comp-0771		molR_2	
TU-Comp-0772		molR_3;yehI	
TU-Comp-0773	motAp	cheW;cheA;motB;motA	Detected
TU-Comp-0774	mplp1	mpl	Detected
TU-Comp-0775	mplp2	mpl	Detected
TU-Comp-0776		mppA	Detected
TU-Comp-0777		mqo	Detected
TU-Comp-0778		ygiT;mqsR	
TU-Comp-0779	lpxCp2	lpxC	Detected
TU-Comp-0780	ftsQp1	ftsQ;ftsA;ftsZ	
TU-Comp-0781	mraWp1	mraW;ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	Detected
TU-Comp-0782	ftsLp1	ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	Detected
TU-Comp-0783	ftsZp4	ftsZ	
TU-Comp-0784	ftsZp3	ftsZ	
TU-Comp-0785	ftsZp2	ftsZ	
TU-Comp-0786	ftsAp1	ftsA;ftsZ	
TU-Comp-0787	ftsLp2	ftsL;ftsI;murE;murF;mraY;murD;ftsW;murG;murC;ddlB;ftsQ;ftsA;ftsZ;lpxC	Detected
TU-Comp-0788	lpxCp	lpxC	Detected
TU-Comp-0789	ftsQp2	ftsQ	
TU-Comp-0790	mrcAp	mrcA	Detected
TU-Comp-0791	mrcBp	mrcB	Detected
TU-Comp-0792	mreCp	mreD;mreC	
TU-Comp-0793		mrr	Detected
TU-Comp-0794		mrr	Detected
TU-Comp-0795	mscLp	mscL	Detected
TU-Comp-0796	mscSp	mscS	Detected
TU-Comp-0797		msrB	
TU-Comp-0798	msyBp	msyB	Detected
TU-Comp-0799		mtfA	Detected
TU-Comp-0800	mtnp	yadS;btuF;mtn	Detected
TU-Comp-0801		mug	Detected
TU-Comp-0802		murA	Detected
TU-Comp-0803		murB;birA	Detected
TU-Comp-0804		murQ;murP;yfeW	
TU-Comp-0805		mutH	Detected
TU-Comp-0806	nupGp	nupG	Detected
TU-Comp-0807	nadAp	nadA;pnuC	
TU-Comp-0808	nadBp	nadB	Detected
TU-Comp-0809		nadC	Detected
TU-Comp-0810	nadEp	nadE	Detected
TU-Comp-0811		nadK	Detected
TU-Comp-0812	nagDp	nagD	Detected
TU-Comp-0813	nagAp	nagA	
TU-Comp-0814	nagCp1	nagC	
TU-Comp-0815	nagCp2	nagC	
TU-Comp-0816		nagK;cobB	Detected
TU-Comp-0817		nanC	Detected

TU-Comp-0818	nanCp	nanM;nanC	
TU-Comp-0819		nanR	Detected
TU-Comp-0820	ccmAp	ccmH;ccmG;ccmF;ccmE;ccmD;ccmC;ccmB;ccmA	Detected
TU-Comp-0821	napFp3	napC;napB;napH;napG;napA;napD;napF	
TU-Comp-0822	napFp1	ccmH;ccmG;ccmF;ccmE;ccmD;ccmC;ccmB;ccmA;napC;napB;napH;napG;napA;napD;napF	
TU-Comp-0823	napFp2	ccmH;ccmG;ccmF;ccmE;ccmD;ccmC;ccmB;ccmA;napC;napB;napH;napG;napA;napD;napF	
TU-Comp-0824	narGp	narG;narH;narJ;narI	Detected
TU-Comp-0825	narKp1	narK	Detected
TU-Comp-0826	narKp2	narK	Detected
TU-Comp-0827	narPp	narP	Detected
TU-Comp-0828		narQ	Detected
TU-Comp-0829	narUp1	narU	
TU-Comp-0830	narUp2	narU	
TU-Comp-0831	narXp	narL;narX	Detected
TU-Comp-0832	narZp	narV;narW;narY;narZ	
TU-Comp-0833	narWp	narV;narW	
TU-Comp-0834	ndhp	ndh	Detected
TU-Comp-0835		ndk	Detected
TU-Comp-0836		nemA	
TU-Comp-0837		nemR	
TU-Comp-0838	nfo	nfo	
TU-Comp-0839		nfrA;nfrB	
TU-Comp-0840	nfsBp	nfsB	Detected
TU-Comp-0841	nhaAp2	nhaA;nhaR	Detected
TU-Comp-0842		nhaR	
TU-Comp-0843	nhaAp1	nhaA;nhaR	Detected
TU-Comp-0844		nhaB	Detected
TU-Comp-0845		nhoA	Detected
TU-Comp-0846	nikRp	nikR	Detected
TU-Comp-0847	nirBp	nirB;nirD;nirC;cysG	
TU-Comp-0848	nlpAp	nlpA	Detected
TU-Comp-0849		nlpC	Detected
TU-Comp-0850	rpoSp1	rpoS	Detected
TU-Comp-0851	rpoSp3	rpoS	Detected
TU-Comp-0852	rpoSp4	rpoS	Detected
TU-Comp-0853	rpoSp2	rpoS	Detected
TU-Comp-0854		nlpI	Detected
TU-Comp-0855	nohAp	tfaQ;ydfN;nohA	Detected
TU-Comp-0856		nohB	
TU-Comp-0857		norR	Detected
TU-Comp-0858	norRp	norR	Detected
TU-Comp-0859	nrdAp	nrdA;nrdB	
TU-Comp-0860	nrdDp	nrdG;nrdD	Detected
TU-Comp-0861	ribEp	ribE;nusB;thiL;pgpA	Detected
TU-Comp-0862	nrfAp	nrfA;nrfB;nrfC;nrfD;nrfE;nrfF;nrfG	Detected
TU-Comp-0863		nudC;hemE;nfi	Detected
TU-Comp-0864		nudE	Detected
TU-Comp-0865		parE;yqiA;cpdA;yqiB;nudF	
TU-Comp-0866		nudG	Detected
TU-Comp-0867		nudI	Detected
TU-Comp-0868		nudK	Detected
TU-Comp-0869	nupCp	nupC	Detected
TU-Comp-0870		nupX	
TU-Comp-0871		ogrK	Detected
TU-Comp-0872	ompCp1	ompC	
TU-Comp-0873	ompFp	ompF	Detected
TU-Comp-0874		ompG	
TU-Comp-0875		ompL	Detected
TU-Comp-0876		ompN	Detected
TU-Comp-0877	ompWp	ompW	Detected
TU-Comp-0878	ompXp1	ompX	Detected

TU-Comp-0879	oppA	oppA;oppB;oppC;oppD;oppF	Detected
TU-Comp-0880		orn	Detected
TU-Comp-0881	osmCp1	osmC	Detected
TU-Comp-0882	osmCp2	osmC	Detected
TU-Comp-0883	osmFp2	yehW;yehX;yehY;osmF	Detected
TU-Comp-0884	osmFp	yehW;yehX;yehY;osmF	Detected
TU-Comp-0885	osmYp	osmY	
TU-Comp-0886		oxc	
TU-Comp-0887	oxyRp	oxyR	Detected
TU-Comp-0888		oxyS	Detected
TU-Comp-0889		pabB;nudL	Detected
TU-Comp-0890		pabC;yceG;tmk;holB;ycfH	Detected
TU-Comp-0891		pagB	Detected
TU-Comp-0892	pagPp	pagP	Detected
TU-Comp-0893		panD	Detected
TU-Comp-0894		yajL;panE	Detected
TU-Comp-0895		parC	Detected
TU-Comp-0896		pbl	Detected
TU-Comp-0897		pbpG	Detected
TU-Comp-0898	pckp	pck	Detected
TU-Comp-0899	tyrSp2	pdxY;tyrS	Detected
TU-Comp-0900	pdxKp1	pdxK	Detected
TU-Comp-0901		pepA	Detected
TU-Comp-0902		pepB	
TU-Comp-0903		pepE	Detected
TU-Comp-0904	pepNp	pepN	Detected
TU-Comp-0905	pepQp	pepQ;yigZ;trkH;hemG	Detected
TU-Comp-0906	pepTp	pepT	Detected
TU-Comp-0907		perR	Detected
TU-Comp-0908	pfkAp2	pfkA	Detected
TU-Comp-0909		pflA	Detected
TU-Comp-0910		pflD;pflC	
TU-Comp-0911	pgaAp	pgaD;pgaC;pgaB;pgaA	Detected
TU-Comp-0912	pgip	pgi	Detected
TU-Comp-0913		pgl	Detected
TU-Comp-0914		pgpB	Detected
TU-Comp-0915	pgsAp	pgsA phnE;phnP;phnO;phnN;phnM;phnL;phnK;phnJ;phnI;phnH;phnG;phnF;phnE;phnD;	Detected
TU-Comp-0916	phnCp	phnC	
TU-Comp-0917	phnLp	phnP;phnO;phnN;phnM;phnL	
TU-Comp-0918	phoAp	phoA;psiF	Detected
TU-Comp-0919	phoBp	phoB;phoR	Detected
TU-Comp-0920	phoEp	phoE	Detected
TU-Comp-0921	phoPp2	phoQ;phoP	Detected
TU-Comp-0922	phoPp3	phoQ;phoP	Detected
TU-Comp-0923		pinE	Detected
TU-Comp-0924		pinH	Detected
TU-Comp-0925		pinQ	Detected
TU-Comp-0926		pinR	Detected
TU-Comp-0927	pitAp	pitA	Detected
TU-Comp-0928	pitBp	pitB	Detected
TU-Comp-0929		pldA	Detected
TU-Comp-0930		pldB;yigL	Detected
TU-Comp-0931		plsC	Detected
TU-Comp-0932	pmbAp	pmbA	
TU-Comp-0933		pmrD	Detected
TU-Comp-0934	pncBp	pncB	Detected
TU-Comp-0935	polAp	polA	Detected
TU-Comp-0936	polBp	polB	Detected
TU-Comp-0937		potD;potC;potB;potA	Detected
TU-Comp-0938	poxAp	poxA	Detected
TU-Comp-0939	ltaEp	ybjT;ltaE	Detected
TU-Comp-0940		ybjT;ltaE;poxB	Detected

TU-Comp-0941	ppap	ppa	Detected
TU-Comp-0942	ppcp	ppc	Detected
TU-Comp-0943	ppdAp	recC;ppdC;ygdB;ppdB;ppdA	
TU-Comp-0944	recCp	recC	Detected
TU-Comp-0945		hofC;hofB;ppdD	
TU-Comp-0946	pphAp	pphA	Detected
TU-Comp-0947		pphB	Detected
TU-Comp-0948		lpxH;ppiB	Detected
TU-Comp-0949	ppiCp	ppiC	Detected
TU-Comp-0950	ppiDp1	ppiD	
TU-Comp-0951	ppiDp2	ppiD	
TU-Comp-0952		pppA	Detected
TU-Comp-0953	ppsp	pps	Detected
TU-Comp-0954		pptA	Detected
TU-Comp-0955	pqiAp1	pqiA;pqiB	
TU-Comp-0956	pqiAp2	pqiA;pqiB	
TU-Comp-0957		pqqL	Detected
TU-Comp-0958		prfC	
TU-Comp-0959		priA	Detected
TU-Comp-0960		ybaM;priC	Detected
TU-Comp-0961	prkBp	prkB	
TU-Comp-0962	prlCp	yhiQ;prlC	Detected
TU-Comp-0963		yfcL;yfcM;yfcA;mepA;aroC;prmB	Detected
TU-Comp-0964		proB;proA	Detected
TU-Comp-0965	proCp	proC	Detected
TU-Comp-0966	proPp1	proP	Detected
TU-Comp-0967	proPp2	proP	Detected
TU-Comp-0968		prc;proQ	Detected
TU-Comp-0969	proVp2	proV;proW;proX	Detected
TU-Comp-0970	prpBp	prpB;prpC;prpD;prpE	Detected
TU-Comp-0971	prpRp	prpR	Detected
TU-Comp-0972		pscG;pscK	
TU-Comp-0973	psdp	yjeP;psd	Detected
TU-Comp-0974	psiEp	psiE	Detected
TU-Comp-0975	pspEp	pspE	Detected
TU-Comp-0976	pspBp	pspB;pspC;pspD;pspE	
TU-Comp-0977	pspAp	pspA;pspB;pspC;pspD;pspE	Detected
TU-Comp-0978	pspGp	pspG	
TU-Comp-0979		alx;psrN	
TU-Comp-0980		pssA	Detected
TU-Comp-0981	ptrAp	ptrA	Detected
TU-Comp-0982		recD;recB;ptrA	
TU-Comp-0983	ptrBp	ptrB	Detected
TU-Comp-0984		gldA;fsaB;ptsA	Detected
TU-Comp-0985	purCp	purC	Detected
TU-Comp-0986	purEp	purK;purE	Detected
TU-Comp-0987	purHp	purD;purH	Detected
TU-Comp-0988	purLp	purL	Detected
TU-Comp-0989	purMp	purM;purN	Detected
TU-Comp-0990	purRp	purR	Detected
TU-Comp-0991		purT	Detected
TU-Comp-0992		purU	
TU-Comp-0993	putAp	putA	Detected
TU-Comp-0994	putPp2	putP	Detected
TU-Comp-0995		puuA	
TU-Comp-0996		puuC;puuB;puuE	
TU-Comp-0997	puuDp	puuD;puuR	
TU-Comp-0998	puuPp	puuP	
TU-Comp-0999	pykAp2	pykA	Detected
TU-Comp-1000	pykAp1	pykA	Detected
TU-Comp-1001	pykFp1	pykF	Detected
TU-Comp-1002	pykFp2	pykF	Detected
TU-Comp-1003	pyrCp	pyrC	Detected

TU-Comp-1004	pyrDp	pyrD	Detected
TU-Comp-1005	pyrGp2	eno;pyrG	Detected
TU-Comp-1006	pyrGp1	eno;pyrG	Detected
TU-Comp-1007	pyrGp	eno;pyrG	Detected
TU-Comp-1008	enop	eno	Detected
TU-Comp-1009	pyrHp	pyrH	Detected
TU-Comp-1010	pyrLp1	pyrI;pyrB;pyrL	Detected
TU-Comp-1011	pyrLp2	pyrI;pyrB;pyrL	Detected
TU-Comp-1012		ybbJ;qmcA	Detected
TU-Comp-1013	qorp	qor	Detected
TU-Comp-1014	qseBp2	qseB;qseC	Detected
TU-Comp-1015	qseBp1	qseB;qseC	Detected
TU-Comp-1016	queAp	queA	
TU-Comp-1017		queC	Detected
TU-Comp-1018	queFp	queF	Detected
TU-Comp-1019		racC	Detected
TU-Comp-1020		racR	Detected
TU-Comp-1021	raiAp	raiA	Detected
TU-Comp-1022		rarD	
TU-Comp-1023	ravAp	viaA;ravA	Detected
TU-Comp-1024		rbn	Detected
TU-Comp-1025	rcnAp	rcnA	Detected
TU-Comp-1026	rcnRp	rcnR	Detected
TU-Comp-1027		rscC	Detected
TU-Comp-1028		rscB	Detected
TU-Comp-1029		rscD;rscB	
TU-Comp-1030		yaeB;rscF	Detected
TU-Comp-1031		rdgC	Detected
TU-Comp-1032		rdIA	Detected
TU-Comp-1033		rdIB	Detected
TU-Comp-1034		rdIC	Detected
TU-Comp-1035		intR;ydaQ;ydaC;lar;recT;recE	Detected
TU-Comp-1036	recNp	recN	Detected
TU-Comp-1037		recQ	
TU-Comp-1038		relE;relB	
TU-Comp-1039		hokD	
TU-Comp-1040		rem	Detected
TU-Comp-1041		renD;emrE	
TU-Comp-1042		emrE	Detected
TU-Comp-1043		rfaE	Detected
TU-Comp-1044		rfaH	Detected
TU-Comp-1045	rfaZp	waaU;rfaZ	
TU-Comp-1046	rfaQp2	waaU;rfaZ;rfaY;rfaJ;rfaI;rfaB;rfaS;rfaP;rfaG;rfaQ	Detected
TU-Comp-1047	rfaQp1	waaU;rfaZ;rfaY;rfaJ;rfaI;rfaB;rfaS;rfaP;rfaG;rfaQ	Detected
TU-Comp-1048	rfbAp	rfbX;rfbC;rfaA	
TU-Comp-1049		rfbX;rfbC;rfaA;rfaD;rfaB	
TU-Comp-1050		rfe;wzzE;rffE;rffD;rffG;rffH;rffC;rffA;wzxE;wzyE;rffM;rffT	
TU-Comp-1051	rhaBp	rhaD;rhaA;rhaB	
TU-Comp-1052		rhaM	
TU-Comp-1053	rhaSp	rhaS;rhaR	Detected
TU-Comp-1054	rhaTp	rhaT	Detected
TU-Comp-1055		rhIB	
TU-Comp-1056		rhIE	Detected
TU-Comp-1057	yibAp	yibA	Detected
TU-Comp-1058		rhaA;yibA	
TU-Comp-1059		rhaB	
TU-Comp-1060		rhaC;ybfB	Detected
TU-Comp-1061		rhaD;ybbC;yibH;ybbD	
TU-Comp-1062		rhaE;ydcD	
TU-Comp-1063		rhtA	Detected
TU-Comp-1064		rhtB	Detected
TU-Comp-1065		rhtC	
TU-Comp-1066	ribAp1	ribA	Detected

TU-Comp-1067	ribAp2	ribA	Detected
TU-Comp-1068	ribBp	ribB	
TU-Comp-1069		ribC	Detected
TU-Comp-1070		rihA	Detected
TU-Comp-1071	rihBp	rihB	
TU-Comp-1072		rihC	
TU-Comp-1073	rimJp	rimJ	
TU-Comp-1074	yliGp	rimO	
TU-Comp-1075		rlmF	Detected
TU-Comp-1076		rlmG	Detected
TU-Comp-1077		rlmN	Detected
TU-Comp-1078		rluB	Detected
TU-Comp-1079		rluC	Detected
TU-Comp-1080		yfiH;rluD	Detected
TU-Comp-1081		nudJ;rluE	Detected
TU-Comp-1082		rluF	Detected
TU-Comp-1083		rmf	Detected
TU-Comp-1084		rmuC	
TU-Comp-1085	rnap	rna	Detected
TU-Comp-1086		rnd	Detected
TU-Comp-1087	rnep2	rne	Detected
TU-Comp-1088	rnep1	rne	Detected
TU-Comp-1089		rnk	Detected
TU-Comp-1090	yfjOp	yfjO	Detected
TU-Comp-1091		rnIA;yfjO	
TU-Comp-1092	lhrp	lhr	
TU-Comp-1093		rnt;lhr	Detected
TU-Comp-1094	robp	rob	Detected
TU-Comp-1095	alsBp	alsE;alsC;alsA;alsB	
TU-Comp-1096	rplMp	rpsI;rplM	Detected
TU-Comp-1097	rplNp	rpmJ;secY;rplO;rpmD;rpsE;rplR;rplF;rpsH;rpsN;rplE;rplX;rplN	Detected
TU-Comp-1098		rpmA;rplU	Detected
TU-Comp-1099		rplY	Detected
TU-Comp-1100	rpmEp	rpmE	Detected
TU-Comp-1101	rseAp3	rseC;rseB;rseA	Detected
TU-Comp-1102		rpoZ;spoT;trmH;recG	Detected
TU-Comp-1103		ptsP;rppH	
TU-Comp-1104	rpsFp	rpsF;priB;rpsR;rplI	Detected
TU-Comp-1105	rpsJp	rpsQ;rpmC;rplP;rpsC;rplV;rpsS;rplB;rplW;rplD;rplC;rpsJ	Detected
TU-Comp-1106	rpsLp	tufA;fusA;rpsG;rpsL	
TU-Comp-1107	tufAp	tufA	Detected
TU-Comp-1108	fusAp	tufA;fusA	
TU-Comp-1109	rpsMp1	rplQ;rpoA;rpsD;rpsK;rpsM	Detected
TU-Comp-1110	rraBp	rraB	Detected
TU-Comp-1111		rrmA	Detected
TU-Comp-1112	rrlAp	rrlA;rrfA	
TU-Comp-1113	rrsAp2	rrsA;ileT;alaT;rrlA;rrfA	Detected
TU-Comp-1114	rrlBp	rrlB;rrfB	
TU-Comp-1115	rrsBp2	rrsB;glT;rrlB;rrfB	Detected
TU-Comp-1116	rrlEp	rrlE;rrfE	
TU-Comp-1117	rrsEp2	rrsE;glT;rrlE;rrfE	Detected
TU-Comp-1118	rrfGp	rrfG	Detected
TU-Comp-1119	rrlHp	rrlH;rrfH	
TU-Comp-1120	rsdp1	rsd	Detected
TU-Comp-1121	rsdp2	rsd	Detected
TU-Comp-1122	rsePp	rseP	
TU-Comp-1123		rsgA	Detected
TU-Comp-1124		rsmB	
TU-Comp-1125		rsmC	Detected
TU-Comp-1126		rsmD;yhhL	Detected
TU-Comp-1127		rsmE;gshB	Detected
TU-Comp-1128		rsmF	Detected
TU-Comp-1129	rstAp	rstA;rstB	Detected

TU-Comp-1130		rsuA	
TU-Comp-1131		rtn	Detected
TU-Comp-1132		rttR	
TU-Comp-1133	rumAp	rumA	Detected
TU-Comp-1134	rutAp	rutG;rutF;rutE;rutD;rutC;rutB;rutA	Detected
TU-Comp-1135		rybA	Detected
TU-Comp-1136		rydB	Detected
TU-Comp-1137		ryeC	Detected
TU-Comp-1138		ryeD	Detected
TU-Comp-1139		ryfA	Detected
TU-Comp-1140		rygD	Detected
TU-Comp-1141		rzoD	
TU-Comp-1142		rzoR	
TU-Comp-1143		sad	Detected
TU-Comp-1144		sanA;yeiS	Detected
TU-Comp-1145		sapF;sapD;sapC;sapB;sapA	
TU-Comp-1146	sbcDp	sbcC;sbcD	Detected
TU-Comp-1147	sbmAp	sbmA;yaiW	
TU-Comp-1148	sbmCp2	sbmC	
TU-Comp-1149	sbmCp1	sbmC	
TU-Comp-1150		sbp	Detected
TU-Comp-1151	scpAp	scpA;argK;scpB;scpC	Detected
TU-Comp-1152	sdhDp2	sdhD;sdhA;sdhB	
TU-Comp-1153		sdiA	Detected
TU-Comp-1154		gpsA;secB	Detected
TU-Comp-1155		secG	
TU-Comp-1156		selB;selA	Detected
TU-Comp-1157		selC	Detected
TU-Comp-1158		serB	
TU-Comp-1159		radA;nadR	
TU-Comp-1160	serSp	serS	Detected
TU-Comp-1161	argQp	argQ	Detected
TU-Comp-1162		setB	Detected
TU-Comp-1163		setC	Detected
TU-Comp-1164		sfmA	Detected
TU-Comp-1165		sfmC;sfmD	Detected
TU-Comp-1166		sfmH;sfmF	Detected
TU-Comp-1167		sfsB	
TU-Comp-1168		sgcR;sgcE;sgcA;sgcQ;sgcC;sgcX;sgcB	
TU-Comp-1169	sgrRp	sroA;thiQ;thiP;tbpA;sgrR	
TU-Comp-1170	sgrSp	sgrT;setA;sgrS	
TU-Comp-1171		shiA	Detected
TU-Comp-1172		sieB	Detected
TU-Comp-1173		sirA	Detected
TU-Comp-1174	sixAp	sixA	Detected
TU-Comp-1175		slt	Detected
TU-Comp-1176		slyA	Detected
TU-Comp-1177	slyBp1	slyB	Detected
TU-Comp-1178	slyBp2	slyB	Detected
TU-Comp-1179		slyD	Detected
TU-Comp-1180		slyX	Detected
TU-Comp-1181		smg	Detected
TU-Comp-1182	smpAp	smpA	Detected
TU-Comp-1183		smpB	Detected
TU-Comp-1184	sodAp	sodA	
TU-Comp-1185	sodBp	sodB	Detected
TU-Comp-1186	sohBp1	sohB	Detected
TU-Comp-1187	sohBp2	sohB	Detected
TU-Comp-1188		sokB	Detected
TU-Comp-1189		sokC	Detected
TU-Comp-1190	solAp	yceO;sola	
TU-Comp-1191	soxSp	soxS	Detected
TU-Comp-1192	speAp	speB;speA	

TU-Comp-1193	speCp2	speC	Detected
TU-Comp-1194	speCp1	speC	Detected
TU-Comp-1195		potE;speF	
TU-Comp-1196	spf	spf	Detected
TU-Comp-1197		sppA	Detected
TU-Comp-1198	sprp	spr	Detected
TU-Comp-1199	srIRp	srIR	
TU-Comp-1200		srmB	Detected
TU-Comp-1201	ssbp3	ssb	Detected
TU-Comp-1202		sscR	
TU-Comp-1203	sseAp	sseA	Detected
TU-Comp-1204		sseB	
TU-Comp-1205		ssrA	Detected
TU-Comp-1206		ygfA;rygC	
TU-Comp-1207	sstTp	sstT	Detected
TU-Comp-1208		tfaE;stfE	Detected
TU-Comp-1209	sthAp	sthA	Detected
TU-Comp-1210	sufAp	sufE;sufS;sufD;sufC;sufB;sufA	Detected
TU-Comp-1211	sugEp	sugE	Detected
TU-Comp-1212	sulAp	sulA	Detected
TU-Comp-1213		sxy	Detected
TU-Comp-1214		syd	Detected
TU-Comp-1215		tag;yiaC	Detected
TU-Comp-1216	talAp	talA	
TU-Comp-1217	talAp1	talA	
TU-Comp-1218	talAp2	talA	
TU-Comp-1219		tas	Detected
TU-Comp-1220		tatD	
TU-Comp-1221		tatE	Detected
TU-Comp-1222	tdcBp	tdcF;tdcE;tdcD;tdcC;tdcB;tdcG	
TU-Comp-1223		tdcR	Detected
TU-Comp-1224		tdk	Detected
TU-Comp-1225	tehAp	tehA;tehB	Detected
TU-Comp-1226	tesAp	ybbO;tesA	Detected
TU-Comp-1227	tesBp	tesB	Detected
TU-Comp-1228		tfaD	Detected
TU-Comp-1229		tfaS	Detected
TU-Comp-1230		tfaX	Detected
TU-Comp-1231	rpsBp	rpsB;tsf;tff	
TU-Comp-1232		thiH;thiG;thiF;thiE;thiC;thiS	
TU-Comp-1233		thiI	Detected
TU-Comp-1234	thiMp	thiD;thiM	
TU-Comp-1235	ihfAp4	ihfA	Detected
TU-Comp-1236	thrSp2	ihfA;pheT;pheS;pheM;rplT;rpmI;infC;thrS	
TU-Comp-1237	tigp1	tig	Detected
TU-Comp-1238	tigp	tig	Detected
TU-Comp-1239	tigp3	tig	Detected
TU-Comp-1240		tiIS	
TU-Comp-1241	tktAp2	tktA	Detected
TU-Comp-1242	tktAp1	tktA	Detected
TU-Comp-1243		tldD	Detected
TU-Comp-1244	tnaCp	tnaC;tnaA;tnaB	
TU-Comp-1245		tolB;pal;ybgF	Detected
TU-Comp-1246	tolCp	tolC;ygiA;ygiB;ygiC	
TU-Comp-1247	tomBp1	hha;tomB	
TU-Comp-1248	topAp1	topA	Detected
TU-Comp-1249	topAp5	topA	Detected
TU-Comp-1250	topAp2	topA	Detected
TU-Comp-1251	topAp4	topA	Detected
TU-Comp-1252	topAp3	topA	Detected
TU-Comp-1253	torCp	torC;torA;torD	Detected
TU-Comp-1254		torI	Detected
TU-Comp-1255	torRp	torR	Detected

TU-Comp-1256		torS	Detected
TU-Comp-1257		torT	Detected
TU-Comp-1258		tp2	Detected
TU-Comp-1259	tpiAp2	tpiA	Detected
TU-Comp-1260	tpiAp	tpiA	Detected
TU-Comp-1261		tpke70	Detected
TU-Comp-1262	tppBp	tppB	Detected
TU-Comp-1263	tpxp	tpx	Detected
TU-Comp-1264	tqsAp	tqsA	Detected
TU-Comp-1265		treF	Detected
TU-Comp-1266	trgp1	trg	Detected
TU-Comp-1267	trgp	trg	Detected
TU-Comp-1268	trkAp	trkA	
TU-Comp-1269		trkG	Detected
TU-Comp-1270		yggL;trmI	Detected
TU-Comp-1271	trmJp	trmJ	Detected
TU-Comp-1272	trpHp	trpH;yciO;yciQ	
TU-Comp-1273		trpT	Detected
TU-Comp-1274		truD	
TU-Comp-1275	trxAp1	trxA	Detected
TU-Comp-1276	trxAp2	trxA	Detected
TU-Comp-1277	trxBp	trxB	Detected
TU-Comp-1278	trxCp	trxC	Detected
TU-Comp-1279	tsgAp	tsgA	Detected
TU-Comp-1280	tsrp	tsr	Detected
TU-Comp-1281	tsrp1	tsr	Detected
TU-Comp-1282		ttcA	Detected
TU-Comp-1283		ttdR	Detected
TU-Comp-1284		tus	Detected
TU-Comp-1285		tynA	
TU-Comp-1286		typA	Detected
TU-Comp-1287	tyrVp	tpr;tyrV	
TU-Comp-1288	ubiCp	ubiC;ubiA	Detected
TU-Comp-1289		ubiD	
TU-Comp-1290		ubiF	Detected
TU-Comp-1291	ubiGp	ubiG	Detected
TU-Comp-1292	ucpAp1	ucpA	Detected
TU-Comp-1293	ucpAp2	ucpA	Detected
TU-Comp-1294	dcdp	dcd	
TU-Comp-1295		dcd;udk	
TU-Comp-1296	udpP	udp	
TU-Comp-1297		ugd	Detected
TU-Comp-1298	ugpBp1	ugpQ;ugpC;ugpE;ugpA;ugpB	Detected
TU-Comp-1299	ugpBp2	ugpQ;ugpC;ugpE;ugpA;ugpB	Detected
TU-Comp-1300		uhpC;uhpB;uhpA	
TU-Comp-1301	uhpTp	uhpT	Detected
TU-Comp-1302	uidAp	uidC;uidB;uidA	Detected
TU-Comp-1303		ulaR	Detected
TU-Comp-1304		ushA	Detected
TU-Comp-1305	uspBp	uspB	Detected
TU-Comp-1306		uspC	Detected
TU-Comp-1307	uspEp	uspE	Detected
TU-Comp-1308	uspFp	uspF	Detected
TU-Comp-1309	uspGp	uspG	Detected
TU-Comp-1310	uvrAp	uvrA	Detected
TU-Comp-1311	uvrBp2	uvrB	Detected
TU-Comp-1312	uvrDp1	uvrD	Detected
TU-Comp-1313	uvrYp2	uvrC;uvrY	Detected
TU-Comp-1314	uvrCp3	uvrC	
TU-Comp-1315	vacJp	vacJ	Detected
TU-Comp-1316		valZ;lysY	Detected
TU-Comp-1317	vesp	ves	Detected
TU-Comp-1318	waaAp1	waaA	

TU-Comp-1319	waaAp2	waaA	
TU-Comp-1320	waaAp1	waaA;coaD	Detected
TU-Comp-1321		wbbK;wbbJ;wbbI	
TU-Comp-1322		wbbL_2	
TU-Comp-1323		wzxC;wcaJ;cpsG;cpsB;wcaI;gmm;fcl;gmd;wcaF;wcaE;wcaD;wcaC	
TU-Comp-1324		wcaM;wcaL;wcaK	Detected
TU-Comp-1325		wecH	Detected
TU-Comp-1326	wrbAp	yccJ;wrbA	Detected
TU-Comp-1327	wzap	wcaB;wcaA;wzc;wzb;wza	
TU-Comp-1328	wzap2	wzc;wzb;wza	
TU-Comp-1329	xapRp1	xapR	Detected
TU-Comp-1330	xapRp2	xapR	Detected
TU-Comp-1331	xdhAp	xdhA;xdhB;xdhC	Detected
TU-Comp-1332	xerDp	recJ;dsbC;xerD	Detected
TU-Comp-1333	dsbCp	dsbC	
TU-Comp-1334		xerD	
TU-Comp-1335		lysS;prfB	Detected
TU-Comp-1336	dsbCp2	prfB;recJ;dsbC	
TU-Comp-1337	xseAp	xseA	Detected
TU-Comp-1338	xthAp	xthA	Detected
TU-Comp-1339		xyIE	Detected
TU-Comp-1340		yaaA	Detected
TU-Comp-1341		yaaH	Detected
TU-Comp-1342		yaaI	
TU-Comp-1343		yaaJ	Detected
TU-Comp-1344		yaaU	Detected
TU-Comp-1345		yaaW	
TU-Comp-1346		yaaX	Detected
TU-Comp-1347	yabIp	yabI	Detected
TU-Comp-1348		yabP;yabQ	
TU-Comp-1349		yacH	Detected
TU-Comp-1350	yaclp	yaclL	Detected
TU-Comp-1351		yadD	Detected
TU-Comp-1352		yadE	Detected
TU-Comp-1353		yadG;yadH	
TU-Comp-1354		yadI	
TU-Comp-1355	yadCp	yadC	Detected
TU-Comp-1356		yadC;yadK;yadL;yadM	
TU-Comp-1357		yadN	Detected
TU-Comp-1358		yaeF	Detected
TU-Comp-1359		yaeH	Detected
TU-Comp-1360		yaeI	Detected
TU-Comp-1361		rof;yaeP	Detected
TU-Comp-1362		yaeQ;yaeJ;nlpE	Detected
TU-Comp-1363		yaeR	
TU-Comp-1364		yafC	Detected
TU-Comp-1365	yafDp	yafD;yafE	Detected
TU-Comp-1366		yafF	Detected
TU-Comp-1367		yafJ	
TU-Comp-1368		yafK	Detected
TU-Comp-1369		yafL	
TU-Comp-1370		yafM	
TU-Comp-1371	yafNp	yafN;yafO;yafP	Detected
TU-Comp-1372		yafS	Detected
TU-Comp-1373		yafT	Detected
TU-Comp-1374	yafUp	yafU	
TU-Comp-1375	yafVp	yafV	Detected
TU-Comp-1376	ykfGp	ykfI;yafW;ykfG;ykfH	
TU-Comp-1377		ykfI;yafW;ykfG;yafX;ykfF;ykfB;yafY;ykfH	
TU-Comp-1378		yagB;yagA;ykgN	
TU-Comp-1379		yagE;yagF	
TU-Comp-1380		yagG;yagH	
TU-Comp-1381		yagI	Detected

TU-Comp-1382		yagJ	Detected
TU-Comp-1383		yagK	Detected
TU-Comp-1384		yagL;yagM	Detected
TU-Comp-1385		yagN	Detected
TU-Comp-1386		yagP	
TU-Comp-1387		yagQ;yagR;yagS;yagT	
TU-Comp-1388		yagU	Detected
TU-Comp-1389		yahB	Detected
TU-Comp-1390		yahC	Detected
TU-Comp-1391		yahD;yahE;yahF;yahG	Detected
TU-Comp-1392		yahH	
TU-Comp-1393		yahI;yahJ	Detected
TU-Comp-1394		yahK	Detected
TU-Comp-1395		yahL	Detected
TU-Comp-1396		yahM	Detected
TU-Comp-1397		yahN	Detected
TU-Comp-1398	yahOp	yahO	Detected
TU-Comp-1399	yaiEp	yaiE	Detected
TU-Comp-1400		yaiF	
TU-Comp-1401		yaiI	Detected
TU-Comp-1402		yaiL	Detected
TU-Comp-1403		yaiP	
TU-Comp-1404	yaiSp	yaiS	Detected
TU-Comp-1405		yaiT	Detected
TU-Comp-1406		yaiU	
TU-Comp-1407		yaiV	
TU-Comp-1408		yaiO;yaiX	Detected
TU-Comp-1409		yaiY	Detected
TU-Comp-1410		yaiZ	Detected
TU-Comp-1411		yajD	Detected
TU-Comp-1412		yajG	
TU-Comp-1413		yajI	Detected
TU-Comp-1414	yajQp	yajQ	Detected
TU-Comp-1415	yajRp	yajR	Detected
TU-Comp-1416		ybaA	Detected
TU-Comp-1417	ybaBp	ybaB;recR	Detected
TU-Comp-1418		ybaE	Detected
TU-Comp-1419		ybaK	Detected
TU-Comp-1420	ybaLp	ybaL	Detected
TU-Comp-1421		ybaN	Detected
TU-Comp-1422	ybaOp	ybaO	
TU-Comp-1423		ybaP	Detected
TU-Comp-1424		ybaQ	Detected
TU-Comp-1425		ybaV	
TU-Comp-1426		ybaW	
TU-Comp-1427		ybaY	Detected
TU-Comp-1428		ybbA;ybbP	Detected
TU-Comp-1429		ybbB	
TU-Comp-1430		ybbL;ybbM	Detected
TU-Comp-1431	ybbNp1	ybbN	Detected
TU-Comp-1432	ybbNp2	ybbN	Detected
TU-Comp-1433		ybcC	
TU-Comp-1434		ybcD	
TU-Comp-1435		ybcH	
TU-Comp-1436		ybcI	Detected
TU-Comp-1437		ybcK	Detected
TU-Comp-1438		ybcL;ybcM	Detected
TU-Comp-1439		ybcN;ninE;ybcO;rusA;ylcG	
TU-Comp-1440		ybcQ	
TU-Comp-1441		ybcV	Detected
TU-Comp-1442		ybcW	Detected
TU-Comp-1443		ybcY	Detected
TU-Comp-1444		ybdD	

TU-Comp-1445		ybdF	
TU-Comp-1446		ybdG	Detected
TU-Comp-1447		ybdH	Detected
TU-Comp-1448		ybdJ	
TU-Comp-1449		ybdK	Detected
TU-Comp-1450		ybdL	Detected
TU-Comp-1451		ybdM	
TU-Comp-1452		ybdN	
TU-Comp-1453		ybdO	Detected
TU-Comp-1454		ybdR	Detected
TU-Comp-1455	ybeBp	rlpA;mrdB;mrdA;ybeA;ybeB	Detected
TU-Comp-1456		lipB	Detected
TU-Comp-1457		ybeD	Detected
TU-Comp-1458	ybeDp	lipB;ybeD	
TU-Comp-1459		ybeF	Detected
TU-Comp-1460		ybeH;ybeM	
TU-Comp-1461	ybeLp	ybeL	Detected
TU-Comp-1462		ybeQ	Detected
TU-Comp-1463		ybeR;djlB	Detected
TU-Comp-1464		ybeT	Detected
TU-Comp-1465		ybeU;djlC	Detected
TU-Comp-1466		ybeY;ybeZ	
TU-Comp-1467		Int;ybeX	Detected
TU-Comp-1468	ybeZp	Int;ybeX;ybeY;ybeZ	Detected
TU-Comp-1469		ybfA	Detected
TU-Comp-1470		ybfD	Detected
TU-Comp-1471		ybfF	
TU-Comp-1472		ybfL	Detected
TU-Comp-1473		ybfM	
TU-Comp-1474		ybfN	
TU-Comp-1475		ybfO;ybfC	
TU-Comp-1476		ybfP	Detected
TU-Comp-1477		ybfQ	Detected
TU-Comp-1478	phrBp	phr	
TU-Comp-1479		ybgC;tolQ;tolR;tolA	Detected
TU-Comp-1480		ybgD	
TU-Comp-1481		ybgE	Detected
TU-Comp-1482		ybgH	Detected
TU-Comp-1483		ybgO;ybgP;ybgQ	
TU-Comp-1484		ybgS	Detected
TU-Comp-1485		ybgT	Detected
TU-Comp-1486		ybhA	Detected
TU-Comp-1487		ybhB	Detected
TU-Comp-1488	ybhCp	ybhC	Detected
TU-Comp-1489		ybhD	Detected
TU-Comp-1490		ybhH	
TU-Comp-1491		ybhI	
TU-Comp-1492		ybhJ	
TU-Comp-1493		ybhL	Detected
TU-Comp-1494		ybhM	Detected
TU-Comp-1495		ybhN;ybhO;ybhP	Detected
TU-Comp-1496	ybhQp	ybhQ	Detected
TU-Comp-1497		ybhT	Detected
TU-Comp-1498		ybiA	Detected
TU-Comp-1499		ybiB	Detected
TU-Comp-1500		ybiC	Detected
TU-Comp-1501		ybhR;ybhS;ybhF;ybhG;ybiH	Detected
TU-Comp-1502		ybiI	Detected
TU-Comp-1503		ybiJ	Detected
TU-Comp-1504		ybiO	Detected
TU-Comp-1505		ybiP	Detected
TU-Comp-1506	ybisp	ybiS	Detected
TU-Comp-1507		ybiT	Detected

TU-Comp-1508		ybiU	
TU-Comp-1509		ybiV	
TU-Comp-1510		ybiX	Detected
TU-Comp-1511		ybiW;ybiY	Detected
TU-Comp-1512	ybjNp	ybjN	Detected
TU-Comp-1513		ybjD	Detected
TU-Comp-1514		ybjE	Detected
TU-Comp-1515	ybjGp	ybjG	
TU-Comp-1516		ybjH	
TU-Comp-1517		ybjI;ybjJ	
TU-Comp-1518		ybjK	Detected
TU-Comp-1519		ybjL	Detected
TU-Comp-1520		ybjM	Detected
TU-Comp-1521		ybjO;rumB	
TU-Comp-1522	ybjPp	ybjP	Detected
TU-Comp-1523	ybjQp	ybjQ;amiD	Detected
TU-Comp-1524		ybjS	Detected
TU-Comp-1525	ybjXp	ybjX	Detected
TU-Comp-1526	ycaCp	ycaC	Detected
TU-Comp-1527		ycaD	Detected
TU-Comp-1528		ycaI;msbA;lpXK;ycaQ	
TU-Comp-1529		ycaK	
TU-Comp-1530		ycaL	Detected
TU-Comp-1531		ycaM	Detected
TU-Comp-1532		ycaN	Detected
TU-Comp-1533	ycaOp	ycaO	Detected
TU-Comp-1534		ycaP	Detected
TU-Comp-1535	ycaRp	ycaR;kdsB	Detected
TU-Comp-1536	ycbBp	ycbB	Detected
TU-Comp-1537		ycbC	Detected
TU-Comp-1538	ycbGp	ycbG	Detected
TU-Comp-1539	ycbJp	ycbJ	Detected
TU-Comp-1540	ycbKp	ycbK;ycbL	Detected
TU-Comp-1541		ycbQ	
TU-Comp-1542		ycbR;ycbS;ycbT;ycbU;ycbV;ycbF	
TU-Comp-1543		ycbW	Detected
TU-Comp-1544		ycbX	Detected
TU-Comp-1545		ycbZ	Detected
TU-Comp-1546	yccAp	yccA	Detected
TU-Comp-1547	yccEp	yccE	Detected
TU-Comp-1548		yccS;yccF	Detected
TU-Comp-1549		yccK	Detected
TU-Comp-1550		yccM	Detected
TU-Comp-1551		yccT	Detected
TU-Comp-1552		yccU	Detected
TU-Comp-1553		yccW	Detected
TU-Comp-1554		yccX	Detected
TU-Comp-1555		ycdT	Detected
TU-Comp-1556		ycdX;ycdY	Detected
TU-Comp-1557		ycdZ	Detected
TU-Comp-1558	yceAp	yceA	Detected
TU-Comp-1559		yceB	
TU-Comp-1560		fabH;fabD;fabG	Detected
TU-Comp-1561		yceF	Detected
TU-Comp-1562		yceH	
TU-Comp-1563	yceJp	yceI;yceJ	Detected
TU-Comp-1564		yceK	Detected
TU-Comp-1565		yceM	
TU-Comp-1566		yceN	Detected
TU-Comp-1567		yceQ	Detected
TU-Comp-1568		yceD	Detected
TU-Comp-1569		yceJ	Detected
TU-Comp-1570		yceQ	Detected

TU-Comp-1571	ycfSp	ycfS	Detected
TU-Comp-1572		ycfT	Detected
TU-Comp-1573	ycgBp	ycgB	Detected
TU-Comp-1574	ycgEp	ycgE	Detected
TU-Comp-1575		ycgF	Detected
TU-Comp-1576		ycgG	Detected
TU-Comp-1577		ycgH_1	
TU-Comp-1578		ycgH_2	
TU-Comp-1579		ycgJ	Detected
TU-Comp-1580		ycgK	Detected
TU-Comp-1581	ycgLp	ycgL	
TU-Comp-1582		ycgM	
TU-Comp-1583		ycgN	Detected
TU-Comp-1584	ycgRp	ycgR	Detected
TU-Comp-1585		ycgV	Detected
TU-Comp-1586		ycgX	Detected
TU-Comp-1587		ycgY	Detected
TU-Comp-1588		ycgZ	
TU-Comp-1589		ychE	Detected
TU-Comp-1590		ychE_2;yhcF	
TU-Comp-1591		ychG_1;ychG_2	
TU-Comp-1592	ychHp	ychH	Detected
TU-Comp-1593	ychHp	ychH	Detected
TU-Comp-1594	ychJp	ychJ	
TU-Comp-1595		ychM	Detected
TU-Comp-1596		ychN	Detected
TU-Comp-1597	ychOp	ychO	Detected
TU-Comp-1598		ychS	Detected
TU-Comp-1599		yciA	Detected
TU-Comp-1600		yciB;yciC	Detected
TU-Comp-1601	yciIp	yciI	Detected
TU-Comp-1602		btuR;yciK	Detected
TU-Comp-1603		yciN	Detected
TU-Comp-1604	yciSp	yciS;yciM;pyrF;yciH	
TU-Comp-1605	pyrFp	pyrF;yciH	Detected
TU-Comp-1606		yciS;yciM	Detected
TU-Comp-1607		yciW	Detected
TU-Comp-1608		yciY	Detected
TU-Comp-1609	yciZp	yciT;yciZ	Detected
TU-Comp-1610		ycjD	
TU-Comp-1611	ycjGp	ycjG	Detected
TU-Comp-1612		ycjM;ycjN;ycjO;ycjP;ycjQ;ycjR;ycjS;ycjT;ycjU;ycjV;ymjB	
TU-Comp-1613		ycjW	Detected
TU-Comp-1614	ycjXp	ycjX;ycjF;tyrR	
TU-Comp-1615		ycjX;ycjF	Detected
TU-Comp-1616		ycjY	
TU-Comp-1617		ycjZ	Detected
TU-Comp-1618		ydaG;ydaF	
TU-Comp-1619		ydaL	Detected
TU-Comp-1620		ydaM	Detected
TU-Comp-1621	ydaNp	ydaN	Detected
TU-Comp-1622		ydaS;ydaT;ydaU;ydaV;ydaW;rzpR	
TU-Comp-1623		ydbA_1	
TU-Comp-1624		ydbA_2	
TU-Comp-1625		ydbC	Detected
TU-Comp-1626	ydbD	ydbD	Detected
TU-Comp-1627		ydbH;ynbE;ydbL	Detected
TU-Comp-1628		ydbJ	Detected
TU-Comp-1629		ydbK	Detected
TU-Comp-1630		ydcA	Detected
TU-Comp-1631		ydcC	
TU-Comp-1632		ydcF	Detected
TU-Comp-1633		ydcH	Detected

TU-Comp-1634		ydcI	Detected
TU-Comp-1635		ydcJ	Detected
TU-Comp-1636		ydcK	Detected
TU-Comp-1637		ydcL	Detected
TU-Comp-1638		ydcM	Detected
TU-Comp-1639		ydcN	
TU-Comp-1640		ydcO	Detected
TU-Comp-1641		ydcP	
TU-Comp-1642	ydcRp	ydcR	Detected
TU-Comp-1643		ydcS;ydcT;ydcU;ydcV	
TU-Comp-1644		ydcW	
TU-Comp-1645		ydcX	Detected
TU-Comp-1646		ydcY	Detected
TU-Comp-1647		yddB;yddA	Detected
TU-Comp-1648		yddE	Detected
TU-Comp-1649		yddG	Detected
TU-Comp-1650		yddH	Detected
TU-Comp-1651		yddJ;yddK;yddL	Detected
TU-Comp-1652		yddM	Detected
TU-Comp-1653		yddW	Detected
TU-Comp-1654	ydeAp	ydeA	Detected
TU-Comp-1655		ydeE	Detected
TU-Comp-1656	ydeHp	ydeH	Detected
TU-Comp-1657	ydeHp	ydeH	Detected
TU-Comp-1658		ydeI	Detected
TU-Comp-1659		ydeJ	Detected
TU-Comp-1660		ydeK	
TU-Comp-1661		ydeM	
TU-Comp-1662		ydeN	
TU-Comp-1663	ydePp	ydeP	Detected
TU-Comp-1664	ydeQp	ydeQ	Detected
TU-Comp-1665		ydeR;ydeS;ydeT	Detected
TU-Comp-1666		ydeU	
TU-Comp-1667		ydfA;ydfB;rzpQ	Detected
TU-Comp-1668	ydfGp	ydfG	Detected
TU-Comp-1669	ydfHp	ydfH	Detected
TU-Comp-1670		ydfI	
TU-Comp-1671		ydfJ	Detected
TU-Comp-1672		ydfK	Detected
TU-Comp-1673		ydfT;ydfU	
TU-Comp-1674		ydfV	Detected
TU-Comp-1675		ydfZ	Detected
TU-Comp-1676	ydgAp	ydgA	Detected
TU-Comp-1677		ydgC	Detected
TU-Comp-1678		ydgD	Detected
TU-Comp-1679		ydgH	
TU-Comp-1680		ydgI;folM	
TU-Comp-1681		ydgJ	Detected
TU-Comp-1682	rsxAp	rsxA;rsxB;rsxC;rsxD;rsxG;rsxE;nth	Detected
TU-Comp-1683		ydhB	Detected
TU-Comp-1684		ydhC	Detected
TU-Comp-1685		ydhF	Detected
TU-Comp-1686		ydhL	Detected
TU-Comp-1687		ydhO	Detected
TU-Comp-1688		ydhP	Detected
TU-Comp-1689	ydhQp	ydhQ	Detected
TU-Comp-1690		ydhR	Detected
TU-Comp-1691		ydhS	Detected
TU-Comp-1692		ydhT;ydhU;ydhX	
TU-Comp-1693		ydhW;ydhV;ydhY	
TU-Comp-1694		ydhZ	Detected
TU-Comp-1695		ydiA	Detected
TU-Comp-1696		ydiE	Detected

TU-Comp-1697		ydiF;ydiO	Detected
TU-Comp-1698		ydiH;ydiI;ydiJ	
TU-Comp-1699		ydiK	Detected
TU-Comp-1700		ydiL	Detected
TU-Comp-1701		ydiM	Detected
TU-Comp-1702		ydiN;ydiB;aroD	
TU-Comp-1703	ydiPp	ydiP	Detected
TU-Comp-1704	ydiQp	ydiQ;ydiR;ydiS;ydiT;fadK	
TU-Comp-1705	ydiUp	ydiU	Detected
TU-Comp-1706		ydiV	Detected
TU-Comp-1707		ydiY	Detected
TU-Comp-1708		ydiZ	
TU-Comp-1709		topB;selD;ydjA	Detected
TU-Comp-1710	selDp	topB;selD	Detected
TU-Comp-1711		ydjE	Detected
TU-Comp-1712		ydjF	Detected
TU-Comp-1713		ydjG;ydjH;ydjI;ydjJ;ydjK;ydjL	Detected
TU-Comp-1714		ydjN	Detected
TU-Comp-1715		ydjO	Detected
TU-Comp-1716		ydjX;ydjY;ydjZ;ynjA;ynjB;ynjC;ynjD	
TU-Comp-1717		yeaC	
TU-Comp-1718		yeaE	Detected
TU-Comp-1719	yeaGp2	yeaG;yeaH	Detected
TU-Comp-1720	yeaGp	yeaG;yeaH	Detected
TU-Comp-1721		yeaI	Detected
TU-Comp-1722		yeaJ	Detected
TU-Comp-1723		yeaK	Detected
TU-Comp-1724	yeaLp	yeaL	Detected
TU-Comp-1725		yeaM	Detected
TU-Comp-1726		yeaN	Detected
TU-Comp-1727		yeaO	Detected
TU-Comp-1728		yeaP	Detected
TU-Comp-1729		yeaQ	Detected
TU-Comp-1730	yeaRp	yeaG;yeaR	Detected
TU-Comp-1731		yeaT	Detected
TU-Comp-1732		yeaU	Detected
TU-Comp-1733		yeaV;yeaW	
TU-Comp-1734		yeaX	
TU-Comp-1735	yeaZp	yeaY;yeaZ	Detected
TU-Comp-1736	yeaYp	yeaY	Detected
TU-Comp-1737		yebA	
TU-Comp-1738	yebBp2	yebB	Detected
TU-Comp-1739	yebEp	yebE	Detected
TU-Comp-1740		yebF	Detected
TU-Comp-1741		yebG	
TU-Comp-1742		yebK	Detected
TU-Comp-1743		yebN	Detected
TU-Comp-1744		yebO	
TU-Comp-1745		yebQ	Detected
TU-Comp-1746		yebR	
TU-Comp-1747		yebS;yebT	Detected
TU-Comp-1748		yebV	Detected
TU-Comp-1749		yebW	Detected
TU-Comp-1750		yecA	Detected
TU-Comp-1751		yecD;yecE	Detected
TU-Comp-1752	yecFp	yecF	Detected
TU-Comp-1753		yecH	Detected
TU-Comp-1754		yecJ	Detected
TU-Comp-1755		yecM	
TU-Comp-1756		yecN;cmoA;cmoB	Detected
TU-Comp-1757	yecRp	yecR	Detected
TU-Comp-1758		yecT	Detected
TU-Comp-1759		yedA	Detected

TU-Comp-1760		yedD	Detected
TU-Comp-1761		yedE;yedF	Detected
TU-Comp-1762		yedI	
TU-Comp-1763		yedK	Detected
TU-Comp-1764		yedL	Detected
TU-Comp-1765		yedM	
TU-Comp-1766		yedN_1;yedN_2	
TU-Comp-1767		yedP	Detected
TU-Comp-1768		yedQ	Detected
TU-Comp-1769		yedJ;yedR	Detected
TU-Comp-1770		yedS_1;yedS_2	
TU-Comp-1771		yedS_3	
TU-Comp-1772		yedV;yedW	Detected
TU-Comp-1773		yedX	Detected
TU-Comp-1774		yedY;yedZ	Detected
TU-Comp-1775		yeeA	
TU-Comp-1776	yeeEp	yeeD;yeeE	Detected
TU-Comp-1777		yeeF	Detected
TU-Comp-1778		yeeJ	Detected
TU-Comp-1779		yeeL_1;yeeL_2	
TU-Comp-1780		yeeN	Detected
TU-Comp-1781		yeeO	Detected
TU-Comp-1782		yeeP	Detected
TU-Comp-1783		yeeR;yeeS;yeeT;yeeU;yeeV;yeeW	Detected
TU-Comp-1784		yeeX	Detected
TU-Comp-1785		yeeY	
TU-Comp-1786		yeeZ	
TU-Comp-1787		yefM;yoeB	
TU-Comp-1788		yegD	Detected
TU-Comp-1789		yegE	Detected
TU-Comp-1790	yegHp	yegH	Detected
TU-Comp-1791		yegI	Detected
TU-Comp-1792		yegJ	Detected
TU-Comp-1793		yegK;yegL	Detected
TU-Comp-1794		yegP	Detected
TU-Comp-1795		yegQ	Detected
TU-Comp-1796		yegZ;yegR	Detected
TU-Comp-1797		yegS	Detected
TU-Comp-1798	yegTp	yegT;yegU;yegV	Detected
TU-Comp-1799		yegX	
TU-Comp-1800		yehA;yehB;yehC;yehD	Detected
TU-Comp-1801		yehE	Detected
TU-Comp-1802		yehK	
TU-Comp-1803		yehL;yehM;yehP;yehQ	Detected
TU-Comp-1804	yehRp	yehR	Detected
TU-Comp-1805		yehT;yehU	Detected
TU-Comp-1806		yeiE	Detected
TU-Comp-1807		yeiG	Detected
TU-Comp-1808		yeiH	Detected
TU-Comp-1809		yeiI	
TU-Comp-1810		yeiL	Detected
TU-Comp-1811	yeiLp	yeiL	Detected
TU-Comp-1812		yeiM	Detected
TU-Comp-1813		yeiP	Detected
TU-Comp-1814		yeiQ	Detected
TU-Comp-1815		yeiR;lpXT	Detected
TU-Comp-1816	yeiTp	yeiT;yeiA	Detected
TU-Comp-1817		yeiW	Detected
TU-Comp-1818		yejG	Detected
TU-Comp-1819		yejH	Detected
TU-Comp-1820		yejK	Detected
TU-Comp-1821		yejL;yejM	Detected
TU-Comp-1822	yejOp	yejO	Detected

TU-Comp-1823		yfaS_1;yfaS_2;yfaP;yfaQ;yfaT;yfaA	
TU-Comp-1824		yfaA;yfaD	
TU-Comp-1825		yfaE	
TU-Comp-1826		yfaH	Detected
TU-Comp-1827		yfaL	Detected
TU-Comp-1828		yfaU;yfaV	
TU-Comp-1829		yfaW;yfaX	
TU-Comp-1830	yfaYp	yfaY	Detected
TU-Comp-1831		yfaZ	Detected
TU-Comp-1832		yfbK	Detected
TU-Comp-1833		yfbL	
TU-Comp-1834		yfbM	
TU-Comp-1835		yfbN	Detected
TU-Comp-1836		yfbO	
TU-Comp-1837		yfbP	
TU-Comp-1838		yfbQ	
TU-Comp-1839		yfbR	Detected
TU-Comp-1840		yfbS	Detected
TU-Comp-1841		yfbT;yfbU	Detected
TU-Comp-1842		yfbV	Detected
TU-Comp-1843		yfcC	Detected
TU-Comp-1844	yfcEp	yfcE	
TU-Comp-1845		yfcF	Detected
TU-Comp-1846		yfcG	Detected
TU-Comp-1847		yfcI	Detected
TU-Comp-1848		yfcJ	Detected
TU-Comp-1849		yfcN	Detected
TU-Comp-1850		yfcO;yfcP;yfcQ;yfcR;yfcS;yfcT;yfcU	
TU-Comp-1851		yfcV	
TU-Comp-1852	yfcZp	yfcZ	Detected
TU-Comp-1853		yfdC	Detected
TU-Comp-1854		yfdE	
TU-Comp-1855		yfdF	Detected
TU-Comp-1856		yfdG;yfdH;yfdI	Detected
TU-Comp-1857		yfdK;yfdL;yfdM;yfdN;yfdO	Detected
TU-Comp-1858		yfdP;yfdQ	
TU-Comp-1859		yfdR;yfdS;yfdT	
TU-Comp-1860		yfdV	
TU-Comp-1861	yfdXp	yfdX	Detected
TU-Comp-1862		yfdY	Detected
TU-Comp-1863	yfdZp	yfdZ	Detected
TU-Comp-1864		yfeA	Detected
TU-Comp-1865		yfeC;yfeD	Detected
TU-Comp-1866		yfeH	Detected
TU-Comp-1867	yfeKp	yfeK;yfeS	
TU-Comp-1868		yfeN	Detected
TU-Comp-1869		yfeO	Detected
TU-Comp-1870		yfeR	Detected
TU-Comp-1871		yfeT	Detected
TU-Comp-1872	yfeYp	yfeX;yfeY	
TU-Comp-1873		yffL	Detected
TU-Comp-1874		yffM;yffN	Detected
TU-Comp-1875		yffO;yffP	Detected
TU-Comp-1876		yffQ;yffR	
TU-Comp-1877		yffS	Detected
TU-Comp-1878		yfgA	
TU-Comp-1879	yfgCp2	yfgC;yfgD	Detected
TU-Comp-1880	yfgCp	yfgC;yfgD	Detected
TU-Comp-1881		yfgF	Detected
TU-Comp-1882		yfgG	Detected
TU-Comp-1883		yfgH;yfgI	Detected
TU-Comp-1884		yfgJ	Detected
TU-Comp-1885	yfgMp1	yfgM	

TU-Comp-1886	yfgMp2	yfgM	
TU-Comp-1887	yfgMp3	yfgM	
TU-Comp-1888		yfgO	Detected
TU-Comp-1889		yfhA	
TU-Comp-1890		tadA;yfhB	Detected
TU-Comp-1891		yfhG	
TU-Comp-1892		yfhH	
TU-Comp-1893	yfhKp	yfhK	
TU-Comp-1894	yfhMp	pbpC;yfhM	Detected
TU-Comp-1895		yfhR	Detected
TU-Comp-1896		yfiC	Detected
TU-Comp-1897		yfiE	Detected
TU-Comp-1898		yfiF	Detected
TU-Comp-1899		yfiL	Detected
TU-Comp-1900		yfiM	Detected
TU-Comp-1901		yfiP;yfiQ	Detected
TU-Comp-1902		yfiR;yfiN;yfiB	Detected
TU-Comp-1903		yfjD	
TU-Comp-1904		yfjF;yfjG	Detected
TU-Comp-1905		yfjH	Detected
TU-Comp-1906		yfjI	
TU-Comp-1907		yfjJ	
TU-Comp-1908		yfjK;yfjL	Detected
TU-Comp-1909		yfjM	Detected
TU-Comp-1910		yfjP;yfjQ	Detected
TU-Comp-1911		yfjR;ypjK;yfjS;yfjT	Detected
TU-Comp-1912		yfjW	Detected
TU-Comp-1913		yfjX;yfjY;yfjZ;ypjF;ypjJ	
TU-Comp-1914	ygaCp	ygaC	Detected
TU-Comp-1915	ygaDp	ygaD	Detected
TU-Comp-1916	ygaMp	ygaM	Detected
TU-Comp-1917		ygaQ;ygaR	
TU-Comp-1918		ygaU	Detected
TU-Comp-1919		ygaV;ygaP	Detected
TU-Comp-1920		ygaW	Detected
TU-Comp-1921		ygaX;ygaY	
TU-Comp-1922	ygaZp	ygaZ;ygaH	Detected
TU-Comp-1923		ygbE	Detected
TU-Comp-1924	ygbIp	ygbI	Detected
TU-Comp-1925	ygbKp	ygbK	
TU-Comp-1926		ygbJ;ygbK	
TU-Comp-1927		ygbL;ygbM	
TU-Comp-1928		ygbN	
TU-Comp-1929		ygcB	Detected
TU-Comp-1930		ygcF	Detected
TU-Comp-1931		ygcG	Detected
TU-Comp-1932	ygcIp	ygbF;ygbT;ygcH;ygcI	Detected
TU-Comp-1933		ygbF;ygbT;ygcH;ygcI;ygcJ;ygcK;ygcL	Detected
TU-Comp-1934		ygcN;ygcO;ygcP	
TU-Comp-1935		ygcQ;ygcR	
TU-Comp-1936		ygcS	
TU-Comp-1937		ygcU	
TU-Comp-1938		ygcW	
TU-Comp-1939		ygdD	
TU-Comp-1940		ygdE	
TU-Comp-1941		ygdG	
TU-Comp-1942		ygdH	Detected
TU-Comp-1943		ygdI	Detected
TU-Comp-1944		ygdL	Detected
TU-Comp-1945		ygdQ	Detected
TU-Comp-1946		ygdR	Detected
TU-Comp-1947		ygeA	
TU-Comp-1948		ygeF	Detected

TU-Comp-1949	ygeG	Detected
TU-Comp-1950	ygeH	Detected
TU-Comp-1951	ygeI	Detected
TU-Comp-1952	ygeK;ygeL	
TU-Comp-1953	ygeP	
TU-Comp-1954	ygeQ	Detected
TU-Comp-1955	ygeR	Detected
TU-Comp-1956	ygeVp	Detected
TU-Comp-1957	ygeW	
TU-Comp-1958	ygeX	
TU-Comp-1959	ygeY	
TU-Comp-1960	visC;ubiH;pepP;ygfB	Detected
TU-Comp-1961	ygfF	Detected
TU-Comp-1962	ygfI	Detected
TU-Comp-1963	ygfJ	Detected
TU-Comp-1964	ygfK;ssnA	
TU-Comp-1965	ygfM;xdhD	
TU-Comp-1966	ygfO;guaD;ygfQ	
TU-Comp-1967	ygfS;ygfT	Detected
TU-Comp-1968	ygfU	Detected
TU-Comp-1969	ygfYp	Detected
TU-Comp-1970	ygfZp	Detected
TU-Comp-1971	yggEp1	Detected
TU-Comp-1972	yggEp2	Detected
TU-Comp-1973	yggGp	Detected
TU-Comp-1974	yggI	
TU-Comp-1975	yggM	Detected
TU-Comp-1976	yggNp2b	Detected
TU-Comp-1977	yggNp1	Detected
TU-Comp-1978	yggNp2	Detected
TU-Comp-1979	yggR	Detected
TU-Comp-1980	rdgBp	Detected
TU-Comp-1981	yggS;yggT;yggU;rdgB;yggW	Detected
TU-Comp-1982	yghA	Detected
TU-Comp-1983	yghBp	Detected
TU-Comp-1984	yghE;yghD	
TU-Comp-1985	yghFp	
TU-Comp-1986	yghG	Detected
TU-Comp-1987	yghJ	Detected
TU-Comp-1988	yghO	Detected
TU-Comp-1989	yghQ	
TU-Comp-1990	yghR;yghS	
TU-Comp-1991	yghT	Detected
TU-Comp-1992	yghUp	Detected
TU-Comp-1993	yghW	Detected
TU-Comp-1994	yghX;yghY	
TU-Comp-1995	yghZ	Detected
TU-Comp-1996	ygiD	Detected
TU-Comp-1997	glnE;ygiF	Detected
TU-Comp-1998	ygiH	Detected
TU-Comp-1999	ygiL	Detected
TU-Comp-2000	ygiN	Detected
TU-Comp-2001	ygiQ	Detected
TU-Comp-2002	ygiS	
TU-Comp-2003	ygiV	
TU-Comp-2004	ygiW	
TU-Comp-2005	ygiZ	Detected
TU-Comp-2006	ygjD	Detected
TU-Comp-2007	ygjH	Detected
TU-Comp-2008	ygjI	
TU-Comp-2009	ygjJ;ygjK	
TU-Comp-2010	ygjM;ygjN	Detected
TU-Comp-2011	ygjP	

TU-Comp-2012		ygjQ	
TU-Comp-2013	ygjRp	ygjR	Detected
TU-Comp-2014		ygjV	
TU-Comp-2015		yhaB;yhaC	Detected
TU-Comp-2016		yhaH	Detected
TU-Comp-2017		yhaI	Detected
TU-Comp-2018		yhaJ	Detected
TU-Comp-2019		yhaK;yhaL	
TU-Comp-2020		yhaO;yhaM	
TU-Comp-2021		obgE;yhbE	Detected
TU-Comp-2022		yhbO	Detected
TU-Comp-2023		yhbP	Detected
TU-Comp-2024		yhbQ	Detected
TU-Comp-2025	yhbTp2	yhbS;yhbT	Detected
TU-Comp-2026	yhbTp1	yhbS;yhbT	Detected
TU-Comp-2027		yhbU;yhbV	Detected
TU-Comp-2028		yhbW	Detected
TU-Comp-2029		yhbX	Detected
TU-Comp-2030	yhbYp	yhbY	Detected
TU-Comp-2031		yhcA;yhcD;yhcE_1	
TU-Comp-2032	yhcBp	yhcB	Detected
TU-Comp-2033		yhcC	Detected
TU-Comp-2034		yhcG	Detected
TU-Comp-2035		yhcM	Detected
TU-Comp-2036		yhcN	Detected
TU-Comp-2037		yhcO	Detected
TU-Comp-2038		yhdH	Detected
TU-Comp-2039		yhdJ	
TU-Comp-2040		yhdL	
TU-Comp-2041	yhdNp	zntR;yhdN	
TU-Comp-2042		yhdP	
TU-Comp-2043		yhdU	Detected
TU-Comp-2044		yhdV	Detected
TU-Comp-2045	yhdWp	yhdW;yhdX;yhdY;yhdZ	Detected
TU-Comp-2046	yheOp2	yheL;yheM;yheN;yheO	Detected
TU-Comp-2047	yheOp1	yheL;yheM;yheN;yheO	Detected
TU-Comp-2048		yheS;yheT;yheU	
TU-Comp-2049		pabA;fic;yhfG	Detected
TU-Comp-2050	ficp	fic	
TU-Comp-2051	pabAp1	pabA	
TU-Comp-2052	yhfKp	yhfK	
TU-Comp-2053		yhfL	Detected
TU-Comp-2054		yhfS;yhfT;yhfU;php;yhfW;yhfX	
TU-Comp-2055		yhfY;yhfZ	
TU-Comp-2056		yhgA	Detected
TU-Comp-2057		yhgE	Detected
TU-Comp-2058		yhgF	Detected
TU-Comp-2059		yhgN	Detected
TU-Comp-2060		yhhA	Detected
TU-Comp-2061		yhhH	
TU-Comp-2062		yhhI	
TU-Comp-2063		yhhK	Detected
TU-Comp-2064		yhhM	Detected
TU-Comp-2065		yhhN	
TU-Comp-2066		yhhQ	Detected
TU-Comp-2067		yhhS	Detected
TU-Comp-2068		yhhT	Detected
TU-Comp-2069		yhhW	
TU-Comp-2070		yhhX	
TU-Comp-2071	yhhYp	yhhY	Detected
TU-Comp-2072		insAB-6;yrhA;yhhZ;insA-6;insB-6	
TU-Comp-2073		yhhJ;rbbA;yhiI	Detected
TU-Comp-2074		yhiJ	Detected

TU-Comp-2075		yhiK	
TU-Comp-2076		yhiL	Detected
TU-Comp-2077		yhiM	Detected
TU-Comp-2078		yhiN	Detected
TU-Comp-2079	yhiRp	yhiR	
TU-Comp-2080		yhiS	Detected
TU-Comp-2081	yhjAp	yhjA	Detected
TU-Comp-2082		yhjB	Detected
TU-Comp-2083		yhjC	Detected
TU-Comp-2084		yhjD	Detected
TU-Comp-2085		yhjE	Detected
TU-Comp-2086	yhjHp	yhjH	Detected
TU-Comp-2087		yhjK	Detected
TU-Comp-2088		yhjR	
TU-Comp-2089		yhjV	Detected
TU-Comp-2090		yhjX	Detected
TU-Comp-2091		yhjY	Detected
TU-Comp-2092	yaAp	yaA	
TU-Comp-2093		yaB	
TU-Comp-2094		yaD	Detected
TU-Comp-2095	yaFp	yaF	Detected
TU-Comp-2096	yaGp	yaG	Detected
TU-Comp-2097		yaT	Detected
TU-Comp-2098		yaU	Detected
TU-Comp-2099		yaV;yaW	Detected
TU-Comp-2100		yaY	Detected
TU-Comp-2101	yibDp1	yibD	Detected
TU-Comp-2102	yibFp	yibF	Detected
TU-Comp-2103		yibG	
TU-Comp-2104		yibH;yibI	Detected
TU-Comp-2105		yibJ	Detected
TU-Comp-2106		yibK	Detected
TU-Comp-2107		yibL	Detected
TU-Comp-2108		yibN	Detected
TU-Comp-2109		yibT	Detected
TU-Comp-2110		yicC	Detected
TU-Comp-2111		yicE	Detected
TU-Comp-2112		yicG	Detected
TU-Comp-2113	yicHp	yicH	Detected
TU-Comp-2114		yicL	Detected
TU-Comp-2115		yicN	
TU-Comp-2116		yicO	
TU-Comp-2117	rpmBp	rpmG;rpmB	Detected
TU-Comp-2118		yicS	Detected
TU-Comp-2119		yidA	Detected
TU-Comp-2120		yidB	
TU-Comp-2121		yidE	Detected
TU-Comp-2122		yidF;yidG;yidH	Detected
TU-Comp-2123		yidI	Detected
TU-Comp-2124		yidJ;yidK	Detected
TU-Comp-2125	yidLp	yidL	Detected
TU-Comp-2126		yidP	Detected
TU-Comp-2127	yidQp	yidQ	Detected
TU-Comp-2128		yidR	Detected
TU-Comp-2129		yidX	Detected
TU-Comp-2130		yidZ	Detected
TU-Comp-2131	yieEp	yieE;yieF	Detected
TU-Comp-2132		yieG	Detected
TU-Comp-2133		yieH	Detected
TU-Comp-2134		hsrA;yieP	Detected
TU-Comp-2135		yifB	Detected
TU-Comp-2136		yifE	Detected
TU-Comp-2137		yifK	Detected

TU-Comp-2138	dapFp	dapF;yigA;xerC;yigB	
TU-Comp-2139		dapF;yigA;xerC;yigB;yifL	
TU-Comp-2140		yifN;yifO	
TU-Comp-2141		yigE	Detected
TU-Comp-2142		yigF;yigG	Detected
TU-Comp-2143	yigIp	yigI	
TU-Comp-2144		yigM	Detected
TU-Comp-2145		yihA	Detected
TU-Comp-2146	yihDp	yihD	Detected
TU-Comp-2147		yihF	Detected
TU-Comp-2148	yihGp	yihG	Detected
TU-Comp-2149		yihI	
TU-Comp-2150		yihL;yihM	Detected
TU-Comp-2151		yihN	Detected
TU-Comp-2152		yihO;yihP	
TU-Comp-2153		yihQ	
TU-Comp-2154		yihR	Detected
TU-Comp-2155		yihS;yihT;yihU	Detected
TU-Comp-2156		yihV;yihW	
TU-Comp-2157	yihXp	yihX;yihY;dtd;yiiD	Detected
TU-Comp-2158		yiiE	Detected
TU-Comp-2159		yiiF	Detected
TU-Comp-2160		yiiG	Detected
TU-Comp-2161		yiiM	Detected
TU-Comp-2162		yiiQ	Detected
TU-Comp-2163		yiiR	Detected
TU-Comp-2164	yiiSp	yiiS;uspD	Detected
TU-Comp-2165		yiiX	
TU-Comp-2166		yijE	Detected
TU-Comp-2167		yijF	Detected
TU-Comp-2168		yijO	Detected
TU-Comp-2169		yijP	
TU-Comp-2170		yjaA	Detected
TU-Comp-2171		yjaG	Detected
TU-Comp-2172		yjaH	
TU-Comp-2173	yjbBp	yjbB	Detected
TU-Comp-2174		yjbF;yjbG;yjbH	
TU-Comp-2175		yjbI	Detected
TU-Comp-2176		yjbJ	Detected
TU-Comp-2177		yjbL;yjbM	Detected
TU-Comp-2178	yjbQp	yjbQ;yjbR	Detected
TU-Comp-2179		yjcB	Detected
TU-Comp-2180		yjcC	Detected
TU-Comp-2181		yjcD	Detected
TU-Comp-2182		yjcE	Detected
TU-Comp-2183		yjcF	Detected
TU-Comp-2184		yjcO	Detected
TU-Comp-2185	yjcSp	yjcS	Detected
TU-Comp-2186		yjdA;yjcZ	Detected
TU-Comp-2187		yjdF	
TU-Comp-2188		yjdI;yjdJ	Detected
TU-Comp-2189		yjdK;yjdO	Detected
TU-Comp-2190		yjdL	Detected
TU-Comp-2191		yjdM	Detected
TU-Comp-2192		yjdN	Detected
TU-Comp-2193		yjdP	Detected
TU-Comp-2194	mutLp1	mutL;miaA;hfq;hflX;hflK;hflC	Detected
TU-Comp-2195	hfqp2	hfq;hflX;hflK;hflC	Detected
TU-Comp-2196	mutLp2	mutL;miaA;hfq;hflX;hflK;hflC	Detected
TU-Comp-2197	miaAp1	miaA;hfq;hflX;hflK;hflC	Detected
TU-Comp-2198	hfqp3	hfq;hflX;hflK;hflC	Detected
TU-Comp-2199	hfqp1	hfq;hflX;hflK;hflC	Detected
TU-Comp-2200	miaAp2	miaA;hfq;hflX;hflK;hflC	Detected

TU-Comp-2201		yjeH	Detected
TU-Comp-2202	yjeIp	yjeI	Detected
TU-Comp-2203		yjeJ	Detected
TU-Comp-2204		yjeK	Detected
TU-Comp-2205		yjeM	
TU-Comp-2206		yjeN;yjeO	
TU-Comp-2207		yjeS	Detected
TU-Comp-2208		yjeT	Detected
TU-Comp-2209		yjfI;yjfJ	Detected
TU-Comp-2210	yjfKp	yjfK;yjfL;yjfM;yjfC	Detected
TU-Comp-2211		yjfN	
TU-Comp-2212	yjfOp	yjfO	
TU-Comp-2213		yjfP	Detected
TU-Comp-2214		yjfY	Detected
TU-Comp-2215		yjfZ	Detected
TU-Comp-2216		yjgA	Detected
TU-Comp-2217		yjgB	Detected
TU-Comp-2218	yjgFp	yjgF	Detected
TU-Comp-2219		yjgH	Detected
TU-Comp-2220		yjgI	Detected
TU-Comp-2221		yjgJ	Detected
TU-Comp-2222		yjgK	Detected
TU-Comp-2223		yjgL	Detected
TU-Comp-2224		yjgM	Detected
TU-Comp-2225		yjgN	Detected
TU-Comp-2226		yjgR	Detected
TU-Comp-2227		yjgW	
TU-Comp-2228		yjgX_1;yjgX_2	
TU-Comp-2229		yjgX_3	
TU-Comp-2230		yjgZ	Detected
TU-Comp-2231		yjhB;yjhC	
TU-Comp-2232		yjhD	Detected
TU-Comp-2233		yjhE	
TU-Comp-2234		yjhF	Detected
TU-Comp-2235	yjhIp	yjhG;yjhH;yjhI	
TU-Comp-2236		yjhP	
TU-Comp-2237		yjhR	Detected
TU-Comp-2238		yjhS	Detected
TU-Comp-2239		yjhU	Detected
TU-Comp-2240		yjhQ;yjhX	
TU-Comp-2241		yjiC	Detected
TU-Comp-2242		yjiE	Detected
TU-Comp-2243		iadA;yjiG;yjiH	
TU-Comp-2244		yjiJ	
TU-Comp-2245		yjiK	
TU-Comp-2246		yjiL;yjiM	
TU-Comp-2247		yjiP;yjiQ	
TU-Comp-2248		yjiR	Detected
TU-Comp-2249		yjiS	Detected
TU-Comp-2250	yjiTp	yjiT	
TU-Comp-2251		yjiV	
TU-Comp-2252	yjiXp	yjiA;yjiX	Detected
TU-Comp-2253		yjiY	Detected
TU-Comp-2254		yjjI	
TU-Comp-2255		yjjJ	Detected
TU-Comp-2256		yjjK	Detected
TU-Comp-2257		yjjL	Detected
TU-Comp-2258		yjjM	Detected
TU-Comp-2259		yjjN	Detected
TU-Comp-2260		yjjQ;bglJ	Detected
TU-Comp-2261		yjjU;yjjV	Detected
TU-Comp-2262		yjjX	Detected
TU-Comp-2263		yjjY	Detected

TU-Comp-2264		yjjZ	Detected
TU-Comp-2265		yjtD	Detected
TU-Comp-2266		yafZ;ykfA	
TU-Comp-2267	yafZp	yafZ	Detected
TU-Comp-2268		ykfC	
TU-Comp-2269		prfH;ykfJ	
TU-Comp-2270		ykgA	Detected
TU-Comp-2271		ykgC	Detected
TU-Comp-2272		ykgD	Detected
TU-Comp-2273		ykgE;ykgF;ykgG	Detected
TU-Comp-2274		ykgH	Detected
TU-Comp-2275		ykgB;ykgI	Detected
TU-Comp-2276		ykgJ	Detected
TU-Comp-2277		ykgL	Detected
TU-Comp-2278	ykgMp	ykgM;ykgO	
TU-Comp-2279		ykiA	Detected
TU-Comp-2280		ykiB	
TU-Comp-2281		ylaB	Detected
TU-Comp-2282	ylaCp	ylaC	Detected
TU-Comp-2283		ylbG	
TU-Comp-2284		yliE;yliF	Detected
TU-Comp-2285		yliI	Detected
TU-Comp-2286	yliJp	yliJ	Detected
TU-Comp-2287		yliL	Detected
TU-Comp-2288		ymbA	
TU-Comp-2289		ymcE;gnsA	
TU-Comp-2290		ymdA	
TU-Comp-2291		ymdB;ymdC	Detected
TU-Comp-2292	ymdCp	ymdC	
TU-Comp-2293		ymdE;ycdU	
TU-Comp-2294		ymdF	Detected
TU-Comp-2295		ycfZ;ymfA	
TU-Comp-2296		ymfD;ymfE	
TU-Comp-2297		intE;xisE;ymfH	
TU-Comp-2298		ymfI	Detected
TU-Comp-2299		ymfJ	
TU-Comp-2300		ymfK	
TU-Comp-2301		ymfT;ymfL;ymfM;ymfN;ymfR;ymfO;ymfP;ymfQ;ycfK;ymfS	
TU-Comp-2302		ymgA;ariR	
TU-Comp-2303		ymgC	
TU-Comp-2304		ymgE	Detected
TU-Comp-2305		ymgF	Detected
TU-Comp-2306		ymgD;ymgG	
TU-Comp-2307		ycgI;ymgH	
TU-Comp-2308		yciX;ymiA	
TU-Comp-2309		ymjA	Detected
TU-Comp-2310		mpaA;y mjC	
TU-Comp-2311		y naA;lomR_1	
TU-Comp-2312		y naE	Detected
TU-Comp-2313	y naIp	y naI	Detected
TU-Comp-2314		y naJ	Detected
TU-Comp-2315		y naK;y daY	Detected
TU-Comp-2316		y nbA;y nbB;y nbC;y nbD	Detected
TU-Comp-2317		y dcZ;y ncA	Detected
TU-Comp-2318		y ncB	
TU-Comp-2319		y ncD	Detected
TU-Comp-2320	y ncEp	y ncE	Detected
TU-Comp-2321	y ncGp	y ncG	Detected
TU-Comp-2322		y ncH	Detected
TU-Comp-2323		y ncI	
TU-Comp-2324		y ncJ	Detected
TU-Comp-2325		y ncK_1	
TU-Comp-2326		y ncK_2	

TU-Comp-2327		yncL	Detected
TU-Comp-2328		yncM	
TU-Comp-2329		ydcQ;yncN	
TU-Comp-2330		yneE	Detected
TU-Comp-2331		yneF	
TU-Comp-2332		yneG;yneH	Detected
TU-Comp-2333		yneJ	Detected
TU-Comp-2334		yneK	Detected
TU-Comp-2335		yneL	
TU-Comp-2336		yneM	Detected
TU-Comp-2337	yneNp	ydeO;yneN	Detected
TU-Comp-2338	ydeOp	ydeO	
TU-Comp-2339		ynfA	Detected
TU-Comp-2340	ynfBp	ynfB;speG	Detected
TU-Comp-2341		ynfC	Detected
TU-Comp-2342		ynfD	Detected
TU-Comp-2343	ynfEp	ynfE;ynfF;ynfG;ynfH;dmsD	Detected
TU-Comp-2344		ynfL	Detected
TU-Comp-2345		ynfM	Detected
TU-Comp-2346		ynfN	Detected
TU-Comp-2347		ydfO;ynfO	
TU-Comp-2348		ynfP	
TU-Comp-2349		ynhG	Detected
TU-Comp-2350		yniA	Detected
TU-Comp-2351	yniBp	yniB	Detected
TU-Comp-2352	yniCp	yniC	Detected
TU-Comp-2353		yniD	Detected
TU-Comp-2354	ynjEp	ynjE	
TU-Comp-2355		ynjF	Detected
TU-Comp-2356	ynjHp	ynjH	Detected
TU-Comp-2357		ynjI	Detected
TU-Comp-2358		yoaA	
TU-Comp-2359		yoaB	Detected
TU-Comp-2360		yoaC	Detected
TU-Comp-2361		yoaD	Detected
TU-Comp-2362	yoaEp	yoaE	Detected
TU-Comp-2363		yoaF	Detected
TU-Comp-2364		yoaH	Detected
TU-Comp-2365		yoaI	Detected
TU-Comp-2366		yebY;yebZ;yobA	Detected
TU-Comp-2367		yobB;exoX	
TU-Comp-2368		yobD	Detected
TU-Comp-2369	yobFp	cspC;yobF	Detected
TU-Comp-2370		yobH	Detected
TU-Comp-2371		yodB	Detected
TU-Comp-2372		yodC	
TU-Comp-2373		yodD	Detected
TU-Comp-2374		yoeA	Detected
TU-Comp-2375		yoeE	
TU-Comp-2376		yoeF	Detected
TU-Comp-2377		yohC	Detected
TU-Comp-2378		yohD	Detected
TU-Comp-2379		yohF	Detected
TU-Comp-2380		yohH	
TU-Comp-2381		yohJ;yohK	Detected
TU-Comp-2382		yohN	Detected
TU-Comp-2383		yohO	Detected
TU-Comp-2384		yojI	Detected
TU-Comp-2385		ypdA;ypdB;ypdC	
TU-Comp-2386		ypdI	Detected
TU-Comp-2387		ypdJ	
TU-Comp-2388		yfeZ;ypeA	
TU-Comp-2389		ypeC	Detected

TU-Comp-2390		ypfG	Detected
TU-Comp-2391		ypfH	Detected
TU-Comp-2392		tmcA;ypfJ	
TU-Comp-2393		ypfM	Detected
TU-Comp-2394		yphA	Detected
TU-Comp-2395		yphB;yphC	
TU-Comp-2396		yphD;yphE;yphF	
TU-Comp-2397		yphG	
TU-Comp-2398		yphH	Detected
TU-Comp-2399		ypjA	Detected
TU-Comp-2400		ypjB	
TU-Comp-2401		ypjC	Detected
TU-Comp-2402		ypjD	
TU-Comp-2403		yfjU;ypjL	
TU-Comp-2404	ypjMp	yfjV;ypjM	
TU-Comp-2405		yqaA;yqaB	Detected
TU-Comp-2406		yqaC	
TU-Comp-2407		yqaD	
TU-Comp-2408		yqaE	Detected
TU-Comp-2409		yqcA;truC;yqcC	Detected
TU-Comp-2410		yqcE;ygcE	Detected
TU-Comp-2411		yqeA	
TU-Comp-2412		yqeB	
TU-Comp-2413		yqeC	
TU-Comp-2414		yqeF	Detected
TU-Comp-2415		yqeG	Detected
TU-Comp-2416		yqeH	Detected
TU-Comp-2417		yqeI;yqeJ	Detected
TU-Comp-2418		yqeK	Detected
TU-Comp-2419		yqfA	Detected
TU-Comp-2420		yqfB	Detected
TU-Comp-2421		yqfE	Detected
TU-Comp-2422		yqgA	Detected
TU-Comp-2423		yqgB	Detected
TU-Comp-2424		yqgC	Detected
TU-Comp-2425		yqgD	Detected
TU-Comp-2426		yqgE;yqgF	Detected
TU-Comp-2427		yqhA	Detected
TU-Comp-2428		yqhC	Detected
TU-Comp-2429		yqhD	
TU-Comp-2430		yqhG	
TU-Comp-2431		yqhH	
TU-Comp-2432		yqiC	Detected
TU-Comp-2433		yqiJ;yqiK	Detected
TU-Comp-2434	yqjAp2	yqjA;yqjB	Detected
TU-Comp-2435	yqjAp1	yqjA;yqjB	Detected
TU-Comp-2436		yqjC;yqjD;yqjE;yqjK	Detected
TU-Comp-2437		yqjF	Detected
TU-Comp-2438		yqjG	Detected
TU-Comp-2439		yqjH	Detected
TU-Comp-2440	yqjIp	yqjI	
TU-Comp-2441		yraH	
TU-Comp-2442		yraI;yraJ;yraK	
TU-Comp-2443		yraL	Detected
TU-Comp-2444		yraM	
TU-Comp-2445		yraN	
TU-Comp-2446		yraQ	
TU-Comp-2447		yraR	
TU-Comp-2448		yrbA	Detected
TU-Comp-2449		yrbB;yrbC;yrbD;yrbE;yrbF	Detected
TU-Comp-2450	yrbLp	yrbL	Detected
TU-Comp-2451	yrdAp	yrdA	Detected
TU-Comp-2452		yrrF	Detected

TU-Comp-2453	hslRp	hslR;hslO	Detected
TU-Comp-2454	yrfGp	yrfG;hslR	
TU-Comp-2455		hslO	
TU-Comp-2456		yrhB	Detected
TU-Comp-2457		yrhC	
TU-Comp-2458		ysaA	
TU-Comp-2459		ysaB	Detected
TU-Comp-2460	ysgAp	ysgA	Detected
TU-Comp-2461		ytfA	Detected
TU-Comp-2462	ytfBp	ytfB	Detected
TU-Comp-2463		ytfF	Detected
TU-Comp-2464		ytfG	Detected
TU-Comp-2465		ytfH	Detected
TU-Comp-2466		ytfI	Detected
TU-Comp-2467	ytfKp	ytfK	Detected
TU-Comp-2468		ytfL	Detected
TU-Comp-2469		ytfM;ytfN;ytfP	Detected
TU-Comp-2470		ytfQ;ytfT;yjfF;ytfR	
TU-Comp-2471		ytjA	
TU-Comp-2472	ytjBp	lplA;ytjB	Detected
TU-Comp-2473		ytjC	Detected
TU-Comp-2474		yzcX	
TU-Comp-2475	yzfAp2	yzfA	
TU-Comp-2476		yzgL	Detected
TU-Comp-2477		zapA	Detected
TU-Comp-2478		zapB	
TU-Comp-2479		zipA	Detected
TU-Comp-2480		zitB	Detected
TU-Comp-2481	zntAp	zntA	Detected
TU-Comp-2482	zraPp	zraP	Detected
TU-Comp-2483		zupT	Detected
TU-Comp-2484		zur	Detected
TU-Comp-2485	zwfp	zwf	Detected